

COMPONENTS OF CONTRACT PLANS SET

- ROADWAY PLANS (VOL. 1)
- SIGNING AND MARKING PLANS (VOL. 2)
- SIGNALIZATION PLANS (VOL. 2)
- FIBER OPTIC NETWORK PLANS (VOL. 2)
- LIGHTING PLANS (VOL. 2)
- STRUCTURE PLANS (VOL. 2)
- AESTHETICS PLANS (VOL. 2)

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

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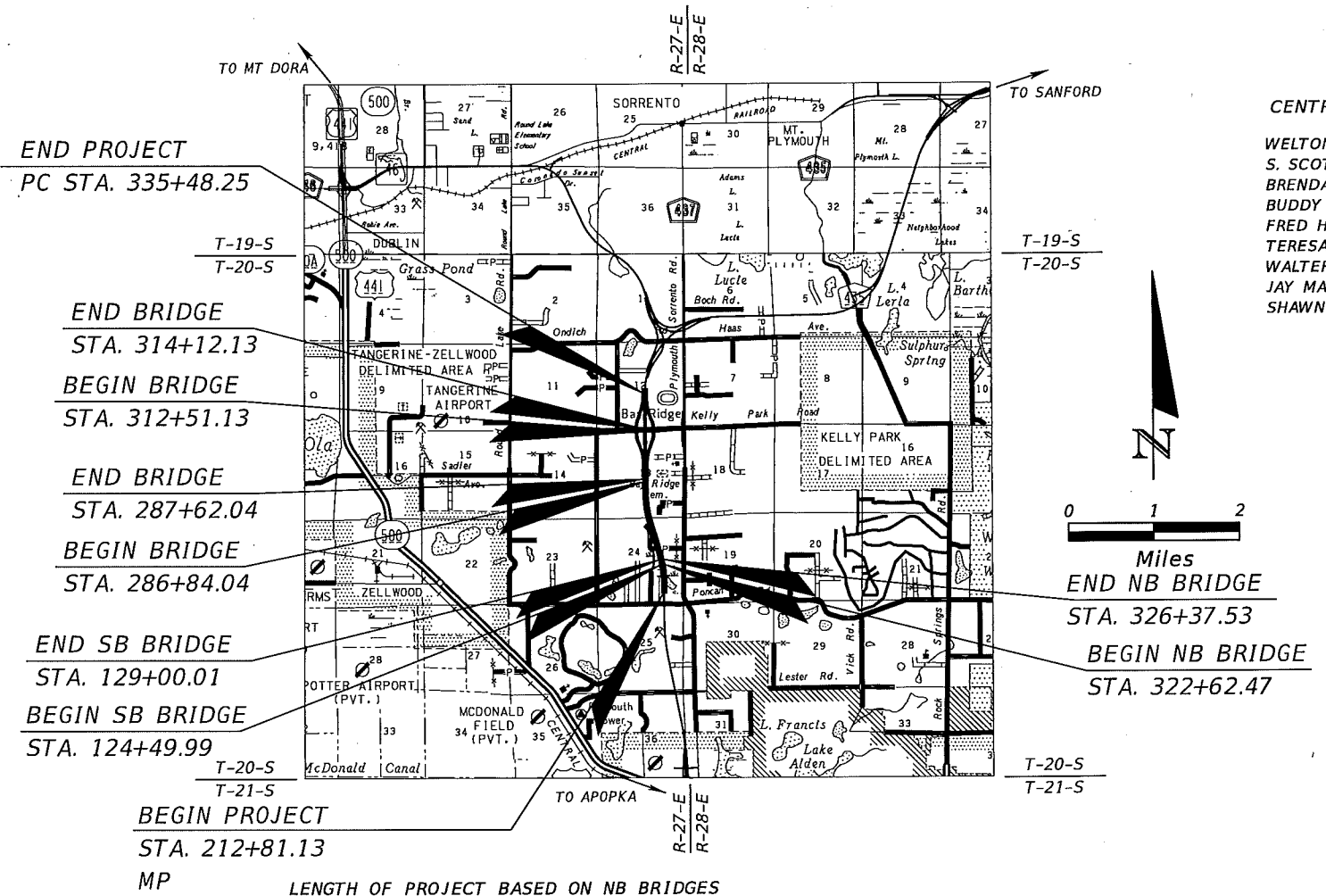
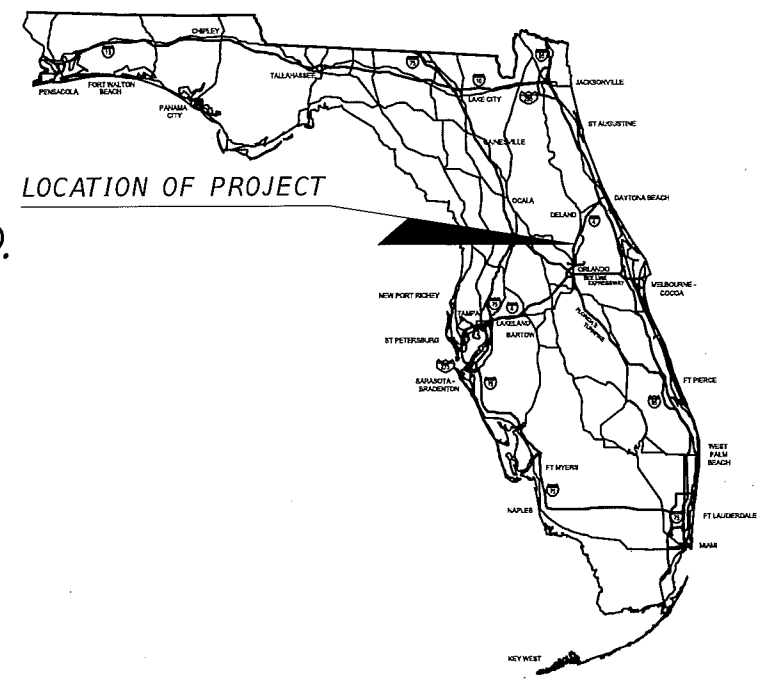
GOVERNING STANDARDS AND SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS DATED 2014, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2014, AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 07/01/14
For Design Standards modifications click on "Design Standards" at the following web site:
<http://www.dot.state.fl.us/rddesign/>

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

**PLANS OF PROPOSED
S.R. 429 (WEKIVA PARKWAY)
N. OF PONKAN RD. TO N. OF KELLY PARK RD.
ORANGE COUNTY**

CFX PROJECT NUMBER - 429-203



CENTRAL FLORIDA EXPRESSWAY AUTHORITY

- | | |
|----------------------------|-----------------------------------|
| WELTON G. CADWELL | CHAIRMAN |
| S. SCOTT BOYD | VICE CHAIRMAN |
| BRENDA CAREY | SECRETARY/TREASURER |
| BUDDY DYER | EX-OFFICIO, CITY OF ORLANDO MAYOR |
| FRED HAWKINS, JR. | BOARD MEMBER |
| TERESA JACOBS | EX-OFFICIO, ORANGE COUNTY MAYOR |
| WALTER A. KETCHAM, JR. | BOARD MEMBER |
| JAY MADARA | BOARD MEMBER |
| SHAWN "MICHAEL" SCHEERINGA | BOARD MEMBER |

ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:

DANIEL F CHRISTIE, P.E.
DEWBERRY / BOWYER-SINGLETON
520 SOUTH MAGNOLIA AVENUE
ORLANDO, FLORIDA 32801
407-843-5120

PLANS PREPARED BY:

Dewberry **BS**
520 S. MAGNOLIA AVE. ORLANDO, FL. 32801
407-843-5120 / BSA-CIVIL.COM
FBPR CERT. OF AUTHORIZATION NO. 8794
DEWBERRY / BOWYER-SINGLETON
520 SOUTH MAGNOLIA AVENUE
ORLANDO, FLORIDA 32801
407-843-5120
VENDOR NUMBER F130746510001
CONTRACT NO. 00851

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

VOLUME 1 OF 2

LENGTH OF PROJECT BASED ON NB BRIDGES

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	11,656.06	2.207
BRIDGES	614.06	0.116
NET LENGTH OF PROJECT	12,267.12	2.323
EXCEPTIONS	00.00	0.000
GROSS LENGTH OF PROJECT	12,267.12	2.323

CFX PROJECT MANAGER: GLENN M. PRESSIMONE, P.E.

ROADWAY PLANS
ENGINEER OF RECORD: DANIEL F. CHRISTIE

P.E. NO.: 64849

**WEKIVA PARKWAY - 429-203
APPROVED FOR CONSTRUCTION
JUNE 2015**

FISCAL YEAR	SHEET NO.
14	1

SUMMARY OF PAY ITEMS

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN
	ROADWAY PAY ITEMS		
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
102-71-IIA	TEMPORARY BARRIERWALL (TO REMAIN)	LF	314
102-99	CHANGEABLE VARIABLE MESSAGE SIGN-TEMP	ED	1,558
104-20	EROSION AND SEDIMENT CONTROL	LS	1
107-2	MOWING	LS	1
110-1-1	CLEARING & GRUBBING	LS	1
120-1	EXCAVATION REGULAR	CY	865,578
120-4	SUBSOIL EXCAVATION	CY	6,396
120-6	EMBANKMENT	CY	2,271,506
120-6A	SELECT EMBANKMENT	CY	63,796
120-74	SURCHARGE EMBANKMENT	CY	34,037
141-70	SETTLEMENT PLATE ASSEMBLY	PA	11
160-4	STABILIZATION TYPE B	SY	139,551
173-76	GROUT PIPE INSTALLATION	LF	1,950
173-77-1	PRESSURE GROUTING	CY	1,560
285-701	LIMEROCK BASE (BASE GROUP 1)(4" LBR 100)W/PRIME	SY	7,646
285-701SC	SOIL CEMENT BASE (BASE GROUP 1)(5" 300 PSI)W/PRIME	SY	2,205
285-702	LIMEROCK BASE (BASE GROUP 2)(5" LBR 100)W/PRIME	SY	1,920
285-704	SOIL CEMENT BASE (BASE GROUP 4)(7 1/2" 300 PSI)W/PRIME	SY	6,709
285-705	LIMEROCK BASE (BASE GROUP 5)(7" LBR 100)W/PRIME	SY	26,205
285-709	LIMEROCK BASE (BASE GROUP 9)(10" LBR 100)W/PRIME	SY	13,161
285-709SC	SOIL CEMENT BASE (BASE GROUP 9)(12"300 PSI)W/PRIME	SY	2,460
285-711	LIMEROCK BASE (BASE GROUP 11)(12" LBR 100)W/PRIME	SY	57,268
327-70-5	MILLING EXISTING PAVEMENT (2" AVG DEPTH)	SY	17,237
334-1-12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	1,949.5
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	3,251.1
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	TN	6,403.0
334-1-23	SUPERPAVE ASPHALTIC CONC, TRAFFIC C (PG 76-22)	TN	795.6
334-1-24	SUPERPAVE ASPHALTIC CONC, TRAFFIC D (PG 76-22)	TN	7,464.6
337-7-22	ASPHALTIC CONCRETE FRICTION COURSE- INC BIT/PG 76-22, FC-5	TN	2,246.8
337-7-43	ASPHALTIC CONCRETE FRICTION COURSE- INC BIT/PG 76-22, FC-12.5	TN	3,181.8
339-1	MISCELLANEOUS ASPHALTIC PAVEMENT	TN	679.1
400-0-11	CONCRETE CLASS NS, GRAVITY WALLS	CY	306.2
400-1-2	CONCRETE CLASS I, END WALLS	CY	2.2
425-1-501	INLETS (DT BOT)(TYPE A)(<10')	EA	1
425-1-511	INLETS (DT BOT)(TYPE B)(<10')	EA	29
425-1-512	INLETS (DT BOT)(TYPE BX)(>10')	EA	1
425-1-513	INLETS (DT BOT)(TYPE B)(J-BOT)(<10')	EA	1
425-1-521	INLETS (DT BOT)(TYPE C)(<10')	EA	6
425-1-541	INLETS (DT BOT)(TYPE D)(<10')	EA	8
425-1-549	INLETS (DT BOT)(TYPE D)(<10')XMODIFY	EA	8
425-1-549A	INLETS (DT BOT)(TYPE D)(>10')XMODIFY	EA	3
425-1-551	INLETS (DT BOT)(TYPE E)(<10')	EA	1
425-1-571	INLETS (DT BOT)(TYPE G)(<10')	EA	4
425-1-589	INLETS (DT BOT)(TYPE H)(MODIFY)	EA	1
425-1-701	INLETS (GUTTER)(TYPE S)(<10')	EA	96
425-1-702	INLETS (GUTTER)(TYPE S)(>10')	EA	5
425-1-703	INLETS (GUTTER)(TYPE SXJ-BOT)(<10')	EA	1
425-1-704	INLETS (GUTTER)(TYPE SXJ-BOT)(>10')	EA	3
425-1-711	INLETS (GUTTER)(TYPE V)(<10')	EA	1
425-1-712	INLETS (GUTTER)(TYPE V)(>10')	EA	1
425-1-891	INLETS (BARRIER WALL)(<10')	EA	4
425-1-892	INLETS (BARRIER WALL)(>10')	EA	1

SUMMARY OF PAY ITEMS

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN
425-2-41	MANHOLES (P-7X<10')	EA	1
425-2-61	MANHOLES (P-8X<10')	EA	10
425-2-62	MANHOLES (P-8X>10')	EA	3
425-2-71	MANHOLES (J-7X<10')	EA	2
425-2-91	MANHOLES (J-8X<10')	EA	1
425-2-92	MANHOLES (J-8X>10')	EA	3
425-2-101	MANHOLES (SPECIALX<10')	EA	1
430-173-118	PIPE CULVERT BCCMP (ROUND)(GUTTER DRAINX18")	LF	142
430-173-124	PIPE CULVERT BCCMP (ROUND)(GUTTER DRAINX24")	LF	1,032
430-174-115	PIPE CULVERT RCP (ROUND)(15" SD)	LF	24
430-174-124	PIPE CULVERT RCP (ROUND)(24" SD)	LF	48
430-175-118	PIPE CULVERT RCP (ROUND)(18" SS)	LF	15,696
430-175-124	PIPE CULVERT RCP (ROUND)(24" SS)	LF	7,924
430-175-130	PIPE CULVERT RCP (ROUND)(30" SS)	LF	757
430-175-136	PIPE CULVERT RCP (ROUND)(36" SS)	LF	308
430-175-142	PIPE CULVERT RCP (ROUND)(42" SS)	LF	1,088
430-175-218	PIPE CULVERT RCP (ELLIPTICAL)(14"x23" SS)	LF	237
430-175-224	PIPE CULVERT RCP (ELLIPTICAL)(19"x30" SS)	LF	582
430-175-242	PIPE CULVERT RCP (ELLIPTICAL)(34"x53" SS)	LF	460
430-185-130	PIPE CULVERT STEEL CASING J&B (30")	LF	26
430-185-138	PIPE CULVERT STEEL CASING J&B (38")	LF	35
430-611-029	U-ENDWALL WITH BAFFLES (1:6 SLOPE)(24")	EA	2
430-611-129	U-ENDWALL WITH BAFFLES (1:4 SLOPE)(24")	EA	3
430-611-225	U-ENDWALL WITH BAFFLES (1:3 SLOPE)(18")	EA	1
430-982-125	MITERED END SECTION (OPTIONAL ROUND)(18" CD)	EA	8
430-982-129	MITERED END SECTION (OPTIONAL ROUND)(24" CD)	EA	42
430-982-138	MITERED END SECTION (OPTIONAL ROUND)(36" CD)	EA	1
430-982-140	MITERED END SECTION (OPTIONAL ROUND)(42" CD)	EA	2
430-982-625	MITERED END SECTION (OPTIONAL)(ELLIPTICAL)(14"x23" CD)	EA	2
430-982-629	MITERED END SECTION (OPTIONAL)(ELLIPTICAL)(19"x30" CD)	EA	6
430-984-123	MITERED END SECTION (OPTIONAL ROUND)(15" SD)	EA	2
430-984-129	MITERED END SECTION (OPTIONAL ROUND)(24" SD)	EA	4
440-1-30	UNDERDRAIN (TYPE III)	LF	383
440-73-2	UNDERDRAIN OUTLET PIPE (6")	LF	110
442-70	VERTICAL DRAINAGE WICK	LF	179,600
520-6	SHOULDER GUTTER CONCRETE	LF	13,933
521-8-1	BARRIER WALL, CONCRETE TRAFFIC RAILING- W/ JUNCTION SLAB	LF	153
521-72-3	SHOULDER CONC. BARRIER WALL (RIGID-SHOULDER)	LF	206
524-1-2	CONCRETE DITCH PAVEMENT (NR)(4")	SY	1,245
530-1	RIPRAP, (SAND-CEMENT)	SY	139
536-1-1	GUARDRAIL (ROADWAY)	LF	15,739
536-8	GUARDRAIL BRIDGE ANCHORAGE ASSEMBLY	EA	11
536-82	GUARDRAIL CONCRETE BARRIER ANCHORAGE ASSEMBLY	EA	5
536-85-22	GUARDRAIL END ANCHORAGE ASSEMBLY (FLARED)(SRT-350 ONLY)	EA	11
536-85-25	GUARDRAIL END ANCHORAGE ASSEMBLY (TYPE II)	EA	9
546-72-51	RUMBLE STRIPS (GROUND-INX16" MIN)	PM	5.8
550A-10-212	FENCING, SPECIAL TYPE, (6' HIGH ORNAMENTAL WELDED STEEL)	LF	2,012
550-10-221	FENCING, TYPE B (4' HIGHXBLACK VINYL)	LF	1,377
550-10-222	FENCING, TYPE B (6' HIGHXBLACK VINYL)	LF	28,270
550-60-224	FENCE GATE (TYPE BXDBLX20' OPENING)	EA	5
550A-60-923	FENCE GATE, SPECIAL TYPE, DOUBLE (O.W. STEELX12' OPENING)	EA	1
570-1-1	PERFORMANCE TURF (SEED AND MULCHXBAHIA)	SY	163,725
570-1-2	PERFORMANCE TURF (SODXBAHIA)	SY	717,615

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO. PROJECT NO.
SR 429 429-203



SUMMARY OF PAY ITEMS

SHEET NO.

2

SUMMARY OF PAY ITEMS

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN
SIGNALIZATION			
630-2-II	CONDUIT (F&I)(UNDERGROUND)	LF	250
630-2-12	CONDUIT (F&I)(DIRECTIONAL BORE)	LF	215
632-7-1	SIGNAL CABLE (F&I)	PI	1
635-2-II	PULL & SPLICE BOX (F&I)(13"x24" COVER SIZE)	EA	9
639-1-122	ELECTRICAL POWER SERVICE (F&I)(UG)(PURCHASE FROM POWER CO.)	AS	1
639-2-1	SIGNALS - ELECTRICAL SERVICE WIRE (F&I)	LF	50
641-2-12	PRESTRESSED CONCRETE POLE (F&I)(TYPE P-II SERVICE POLE)	EA	1
649-31-208	STEEL MAST ARM ASSEMBLY (F&I)(130 MPH W/ BACKPLATES)(60 W/ LUM.)	EA	2
649-31-209	STEEL MAST ARM ASSEMBLY (F&I)(130 MPH W/ BACKPLATES)(70.5 W/ LUM.)	EA	1
649-31-999	STEEL MAST ARM ASSEMBLY (F&I)(CUSTOM)	EA	1
650-1-3II	TRAFFIC SIGNAL (F&I)(3 SECTION)(I-WAY)(ALUMINUM)	AS	4
650-1-5II	TRAFFIC SIGNAL (F&I)(5 SECTION)(I-WAY)(ALUMINUM)	AS	4
660-4-10	VEHICLE DETECTION SYSTEM - VIDEO (F&I)(COMPLETE SYSTEM)	EA	1
663-1-110	SIGNAL PRIORITY AND PREEMPTION SYSTEM (F&I)(OPTICAL)(COMPLETE SYSTEM)	EA	1
670-5-III	TRAFFIC CONTROLLER ASSEMBLY (F&I)(NEMA)(ONE)	AS	1
690-10	TRAFFIC SIGNAL HEAD ASSEMBLY, REMOVAL	EA	8
690-34-1	COMPLETE POLE REMOVAL - DEEP (DIRECT BURIAL)	EA	4
690-50	CONTROLLER ASSEMBLY - REMOVE	EA	1
690-80	SPAN WIRE ASSEMBLY - REMOVE	EA	1
690-90	REMOVE CONDUIT AND CABLING	PI	1
690-100	SIGNAL EQUIPMENT, MISC. REMOVE	PI	1
700-5-22	INTERNALLY ILLUMINATED SIGN (F&I)(12-18 SF)	EA	4
LIGHTING			
630-2-II	CONDUIT (F & I)(UNDERGROUND)	LF	16,828
630-2-14	CONDUIT (F & I)(ABOVEGROUND)	LF	1,539
635-2-II	PULL & SPLICE BOX (F&I)(13" x 24")	EA	173
639-1-122	ELECTRICAL POWER SERVICE (F & I)(METER PURCHASED BY CONTRACTOR)	AS	2
639-2-1	ELECTRICAL SERVICE WIRE	LF	178
715-1-II	LIGHTING - CONDUCTORS (FURNISH & INSTALL)(NO. 10 OR SMALLER)	LF	9,737
715-1-12	LIGHTING - CONDUCTORS (FURNISH & INSTALL)(NO. 8 TO NO. 6)	LF	29,240
715-1-13	LIGHTING - CONDUCTORS (FURNISH & INSTALL)(NO. 4 TO NO. 2)	LF	33,610
715-4-121	LIGHT POLE COMPLETE (FURNISH & INSTALL) STD. POLE, STD. FDN. (130 MPH)(40')	EA	34
715-4-122	LIGHT POLE COMPLETE (FURNISH & INSTALL) STD. POLE, STD. FDN. (130 MPH)(45')	EA	15
715-7-II	LOAD CENTER (FURNISH & INSTALL)(SECONDARY VOLTAGE)	EA	2
715-11-126	LUMINAIRE (UNDERDECK)(PENDANT HUNG)	EA	6
715-50	LIGHTING- INSIDE BOX GIRDER	LS	1
715-500-1	LIGHT POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	49
715-500-3	LIGHT POLE CABLE DISTRIBUTION SYSTEM (WALL MOUNTED)	EA	2
715-515-145	LIGHT POLE COMPLETE SPECIAL DESIGN (SINGLE ARM BRIDGE MOUNT)(45')	EA	2

SUMMARY OF PAY ITEMS

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN
FIBER OPTIC NETWORK			
612-100	GEOLLOCATION OF ALL ITS EQUIPMENT & INFRASTRUCTURE	LS	1
631-100	FIBER OPTIC CABLE INVENTORY	EA	2
631-101	FIBER OPTIC SPLICE HOUSING INVENTORY	EA	2
633-121-2	FIBER OPTIC CABLE (F&I)(SINGLE MODE)(12 FIBERS)	LF	2218
633-121-4	FIBER OPTIC CABLE (F&I)(SINGLE MODE)(72 FIBERS)	LF	58,402
633-141-3	FIBER OPTIC FUSION SPLICE ENCLOSURE(72 SPLICE F& I)	EA	5
633-141-4	FIBER OPTIC FUSION SPLICE	EA	296
635-1-II	PULL JUNCTION BOXES (F&I)(PULL BOX)	EA	24
635-1-15	SMALL PULL BOX (F&I)(FIBER OPTIC)	EA	9
638-001-02II	FIBER OPTIC CONDUIT (2-1" HDPE/SDR 11)(TRENCH)	LF	877
638-001-09II	FIBER OPTIC CONDUIT (9-1" HDPE/SDR 11)(TRENCH OR PLOW)	LF	18,791
638-260-00II	FIBER OPTIC 6" PVC OUTER DUCT W/CONDUIT 9-1" HDPE/SDR 11, TRENCH	LF	616
638-361-09II	FIBER OPTIC 2-1" & 1-2" HDPE/SDR 11 (TRENCH OR PLOW F& I)	LF	499
638-461-0914	FIBER OPTIC 6" BRFG OUTER DUCT W/9-1" HDPE/SDR 11, INSTALL ON BRIDGE	LF	1,299
639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)(F&I)	EA	2
639-3-II	ELECTRICAL SERVICE DISCONNECT (F&I)(POLE)	EA	5
641-2-12	CONCRETE POLE (F&I)(2' TYPE P-II SERVICE POLE)	EA	7
663-74-142	DATA COLLECTION SENSORS (2 LANE)(F&I)	EA	2
663-74-143	DATA COLLECTION SENSORS (3 LANES)(F&I)	EA	1
664-1-140	TRAFFIC MONITORING STATION - POLE MOUNTED (F & I)	EA	4
664-3-140	TRAFFIC MONITORING STATION, 30' POLE, F & I	EA	1
664-3-141	TRAFFIC MONITORING STATION, 40' POLE, F & I	EA	1
668-13	TYPE 170 CABINET (POLE MOUNTED)(F&I)	EA	5
678-1-III	TRAFFIC CONTROLLER ACCESSORIES, (F&I)(POWER REDUCTION ASSEMBLY)	EA	5
683-101	ETHERNET SWITCH (F&I)	EA	5
683-103	TERMINAL SERVER (F & I)	EA	4
683-105	FIBER OPTIC PATCH PANEL(12 PORT)(F&I)	EA	5
683-110	CUT-TO-LENGTH FIBER OPTIC JUMPERS (F&I)	EA	18
685-101	UNINTERRUPTABLE POWER SUPPLY (F&I)	EA	5
685-101A	REMOTE POWER MANAGER (F&I)	EA	5
686-101	CCTV FIELD ASSEMBLY (F & I)	EA	2
686-105	CAMERA LOWERING SYSTEM (50' POLE)(F&I)	EA	2
700-22-240	OVERHEAD TRUSS SPAN(F & I)(151-200 FT)	EA	1
700-89-13F	DYNAMIC MESSAGE SIGN FULL COLOR(LED)(WALK-IN)(F & I)	EA	2
700-89-13F SP	DYNAMIC MESSAGE SIGN SYSTEM FULL COLOR (SPARE PARTS KIT)	EA	2
715-1-113	CONDUCTORS(F & I)(INSULATED)(NO. 6)	LF	11,347
715-2-115	CONDUIT (F & I)(UNDERGROUND)(2" SCH 40 PVC)	LF	3,901
783-8-1	TRAFFIC MONITORING STATION COMPOSITE CABLE, F&I	LF	315
4210-II	4'X4'X4' CONCRETE MANHOLE (F&I)	EA	21
4210-12	4'X6.5'X6.5' CONCRETE MANHOLE (F&I)	EA	5

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA
EXPRESSWAY AUTHORITY

ROAD NO. PROJECT NO.
SR 429 429-203



SUMMARY OF PAY ITEMS

SHEET NO.

3

SUMMARY OF PAY ITEMS

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN
	<i>STRUCTURES</i>		
400-2-4	CLASS II CONCRETE (SUPERSTRUCTURE)	CY	2,450.0
400-2-10	CLASS II CONCRETE (APPROACH SLABS)	CY	690.0
400-4-5	CLASS IV CONCRETE (SUBSTRUCTURE)	CY	670.4
400-4-25	CLASS IV CONCRETE (MASS CONCRETE SUBSTRUCTURE)	CY	762.8
400-7	BRIDGE DECK GROOVING (DECK THICKNESS < 8.5")	SY	948
400-9	BRIDGE DECK GROOVING (DECK THICKNESS > 8.5")	SY	5,609
400-147	COMPOSITE NEOPRENE PADS	CF	43.1
415-1-4	REINFORCING STEEL (SUPERSTRUCTURE)	LB	645,002
415-1-5	REINFORCING STEEL (SUBSTRUCTURE)	LB	346,730
415-1-9	REINFORCING STEEL (APPROACH SLABS)	LB	134,068
450-2-45	PRESTRESSED CONCRETE BEAMS(FLORIDA I BEAM 45")	LF	3,263
450-4-1	PRESTRESSED CONCRETE BEAMS(FLORIDA U BEAM 48")	LF	622
455-34-3	PRESTRESSED CONCRETE PILING (18" SQ)	LF	2,688
455-143-3	TEST PILES PRESTRESSED CONCRETE (18" SQ)	LF	396
455-34-5	PRESTRESSED CONCRETE PILING (24" SQ)	LF	21,336
455-143-5	TEST PILES PRESTRESSED CONCRETE (24" SQ)	LF	3,589
458-1-11	BRIDGE DECK EXPANSION JOINT (NEW CONSTR.-F&R) POUR JOINT	LF	588
459-71	PILES, POLYETHYLENE SHEETING	SY	1,241
460-2-2	STRUCTURAL STEEL-NEW (LOW ALLOY)	LS	1
521-5-1	CONCRETE TRAFFIC RAILINGS - BRIDGE (32" F-SHAPE)	LF	1,663
521-5-9	CONCRETE TRAFFIC RAILINGS - BRIDGE (32" F-SHAPE)SPECIAL DESIGN)	LF	1,663
	<i>RETAINING WALLS SYSTEMS</i>		
548-12	RETAINING WALLS SYSTEM- (PERMANENT) EXCLUDING SLEEPER	SF	48,470
400-10	BRIDGE AESTHETIC CLADDING PANELS (ARCHITECTURAL)	LS	1
735-73	ARCHITECTURAL WORK(INC. MISC. ITEMS)	LS	1

SUMMARY OF PAY ITEMS

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN
	<i>SIGNING AND PAVEMENT MARKINGS</i>		
102-98-2	BARRICADE TYPE III (F & I)X6 FEET)	EA	16
700-1-11	SINGLE POST SIGN (F&I)(UP TO 12 SF)	AS	13
700-1-12	SINGLE POST SIGN (F&I)(12-20 SF)	AS	26
700-1-13	SINGLE POST SIGN (F&I)(21-30 SF)	AS	13
700-1-50	SINGLE POST SIGN (RELOCATE)	AS	10
700-1-74	SINGLE POST SIGN (F & I)CUSTOMX31+ SF)	AS	1
700-2-13	MULTI-POST SIGN (21-30 SF)	AS	1
700-2-15	MULTI-POST SIGN (51-100 SF)	AS	1
700-2-16	MULTI-POST SIGN (101-200 SF)	AS	3
700-3-204	SIGN PANEL (F&I)(OVERHEAD MOUNT)X31 TO 50 SF)	AS	2
700-3-205	SIGN PANEL (F&I)(OVERHEAD MOUNT)X51 TO 100 SF)	AS	2
700-3-225	SIGN PANEL (F&I)(OVERHEAD MOUNT)X51-100 SF)XW/ LIGHTING)	AS	1
700-3-226	SIGN PANEL (F&I)(OVERHEAD MOUNT)X101-200 SF)XW/ LIGHTING)	AS	3
700-3-227	SIGN PANEL (F&I)(OVERHEAD MOUNT)X201-300 SF)XW/ LIGHTING)	AS	2
700-4-112	OVERHEAD STATIC SIGN STRUCTURE (F & I)(CANTILEVER)(21-30 FT)	AS	1
700-4-114	OVERHEAD STATIC SIGN STRUCTURE (F & I)(CANTILEVER)(41-50 FT)	AS	2
700-4-115A	OVERHEAD STATIC SIGN STRUCTURE (F & I)(CANTILEVER)(51-100 FT)	AS	2
705-11-1	DELINEATOR (FLEXIBLE TUBULAR)	EA	50
706-3	RETRO-REFLECTIVE PAVEMENT MARKER	EA	1,616
711-11-124	THERMOPLASTIC (STD.)(WHITE)(SOLID)(18")	LF	156
711-11-125	THERMOPLASTIC (STD.)(WHITE)(SOLID)(24")	LF	154
711-11-160	THERMOPLASTIC (STD.)(WHITE)(MESSAGE)	EA	3
711-11-170	THERMOPLASTIC (STD.)(WHITE)(ARROWS)	EA	39
711-11-224	THERMOPLASTIC (STD.)(YELLOW)(SOLID)(18")	LF	1,093
711-15-111	THERMOPLASTIC (STD.)(OPEN GRADED ASPH)(WHITE)(SOLID)(6")	NM	2.712
711-15-122	THERMOPLASTIC (STD.)(OPEN GRADED)(WHITE)(SOLID)(8")	LF	307
711-15-211	THERMOPLASTIC (STD.)(OPEN GRADED ASPH)(YELLOW)(SOLID)(6")	NM	4.327
711-15-231	THERMOPLASTIC (STD.)(YELLOW)(SKIP)(6") (10-30)	GM	0.365
713-102-122	PAVEMENT MARKING - PREFORMED TAPE (HP)(WHITE)(SOLID)(8")	LF	1,565
713-102-125	PAVEMENT MARKING - PREFORMED TAPE (HP)(WHITE)(SOLID)(18")	LF	209
713-102-144	PAVEMENT MARKING - PREFORMED TAPE (HP)(WHITE)(SKIP 3'-12')(12")	LF	192
713-102-211	PAVEMENT MARKING - PREFORMED TAPE (HP)(YELLOW)(SOLID)(6")	NM	3.560
713-102-222	PAVEMENT MARKING - PREFORMED TAPE (HP)(YELLOW)(SOLID)(8")	LF	1,726
713-102-225	PAVEMENT MARKING - PREFORMED TAPE (HP)(YELLOW)(SOLID)(18")	LF	891
713-102-344	PAVEMENT MARKING - PREFORMED TAPE (HP)(12" ALT B/W SKIP)(3-3-9)(PPRT)	LF	30
713-102-513	PAVEMENT MARKING - PREFORMED TAPE (HP)(CONTRAST)(SOLID)(9")XPPRT)	NM	3.761
713-102-533	PAVEMENT MARKING - PREFORMED TAPE (HP)(CONTRAST)(SKIP 10'-30')(9")XPPRT)	GM	2.755

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO. PROJECT NO.
SR 429 429-203



SUMMARY OF PAY ITEMS

SHEET NO.

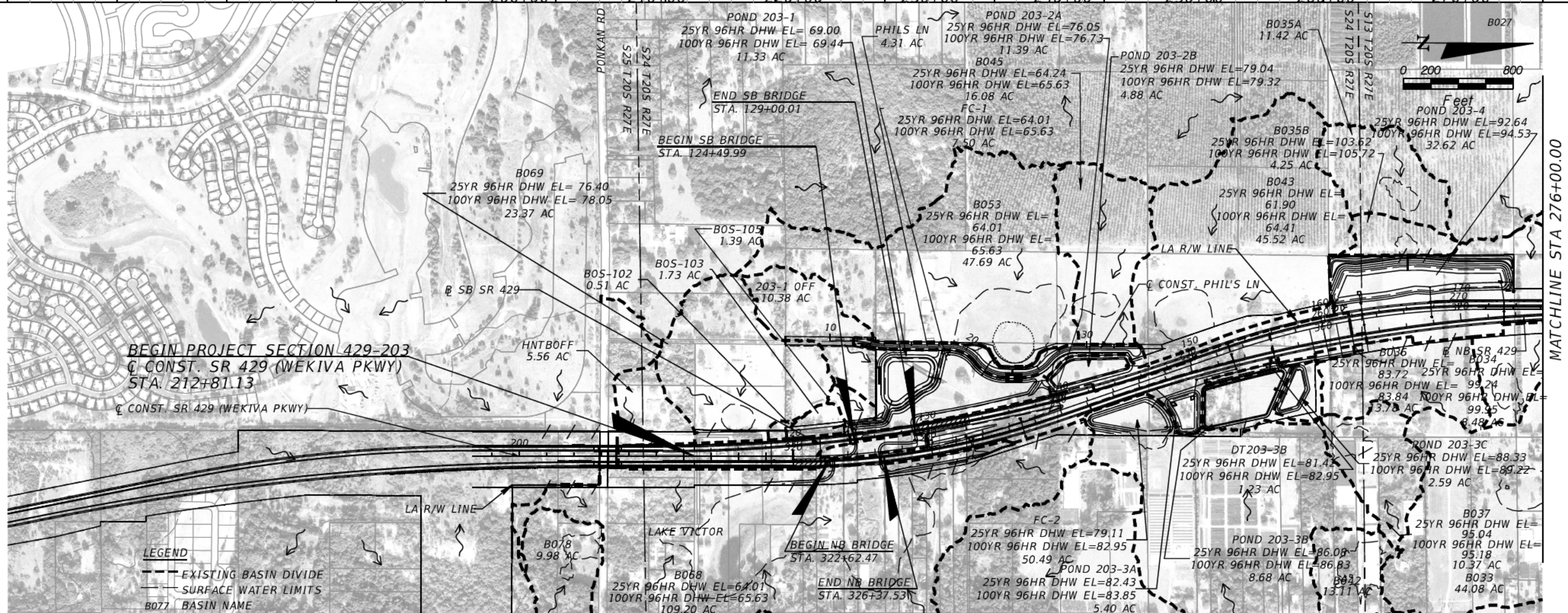
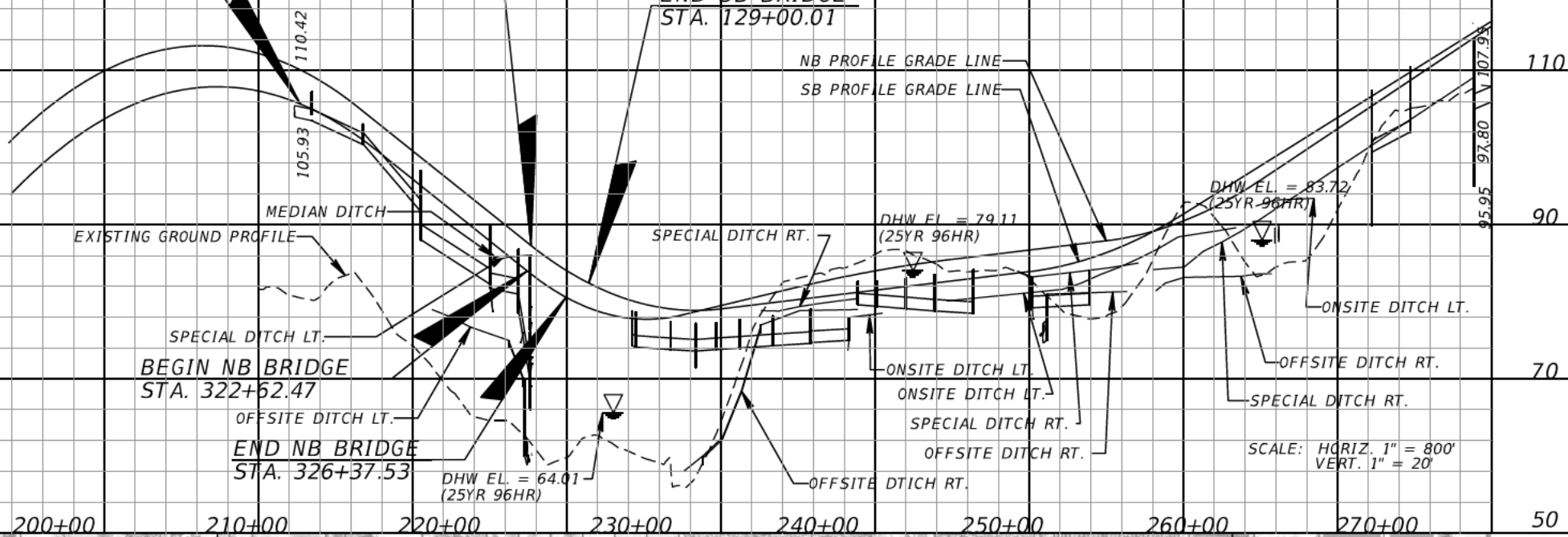
4

- NOTES:
- DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. This sheet is in the plans for documentation and to assist construction personnel with drainage concerns.
 - ALL PLAN ELEVATIONS ARE IN NAVD '88 DATUM (NAVD '88 EL. 0.00 = NGVD '29 EL. +1.09) FOR EXAMPLE: EL. 10.00 SHOWN IN PLANS EQUALS EL. 11.09 NGVD.
 - ALL PROPOSED BASIN BOUNDARIES SHOWN ARE FOR THE ULTIMATE 8-LANE TYPICAL SECTION.

BEGIN PROJECT SECTION 429-203
 C CONST. SR 429 (WEKIVA PKWY)
 STA. 212+81.13

BEGIN SB BRIDGE
 STA. 124+49.99

END SB BRIDGE
 STA. 129+00.01



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

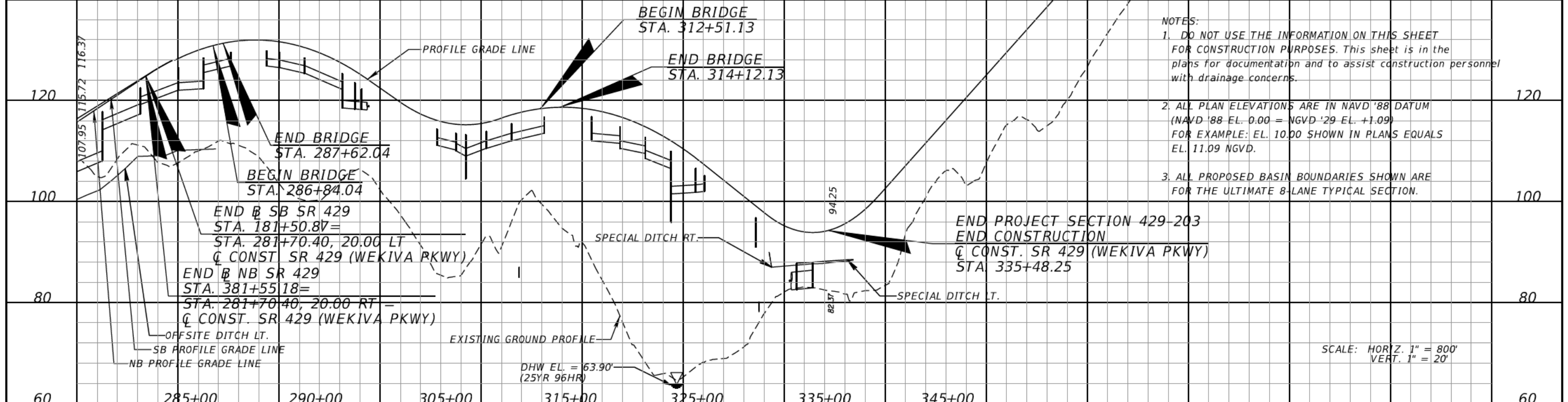
The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 www.balmoralgroup.us
 Certificate of Authorization No. 26123
 E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



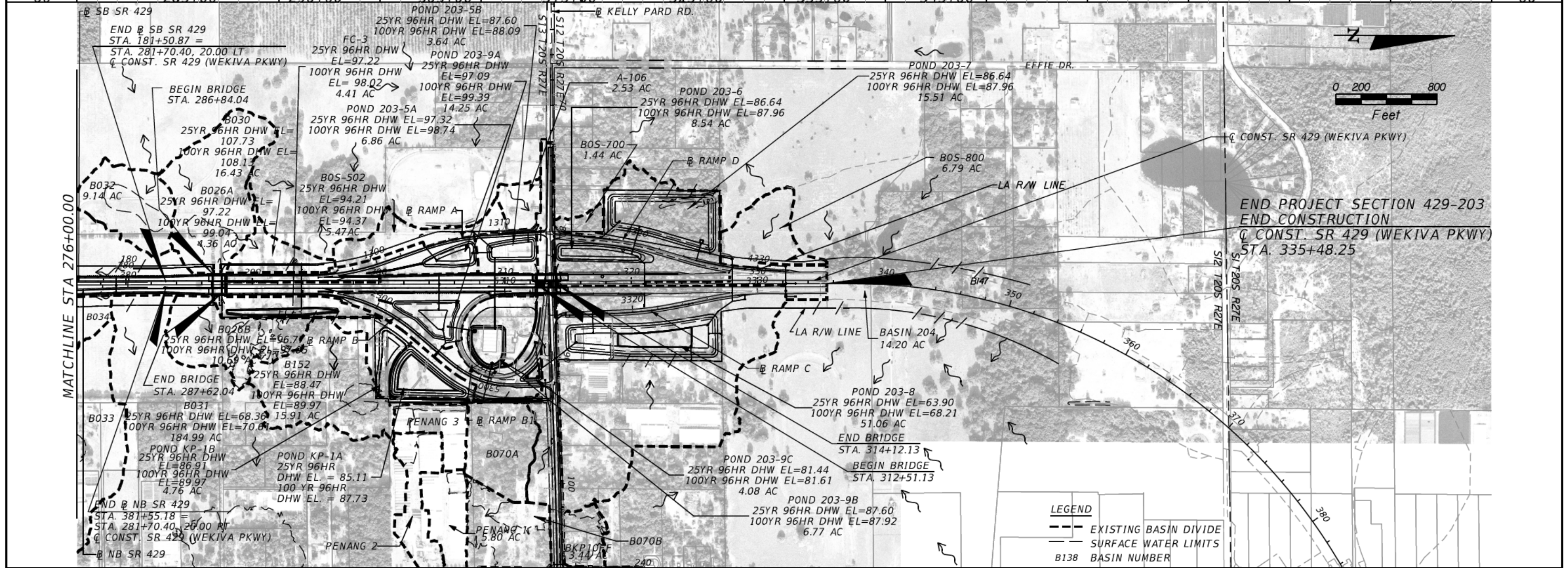
OVERALL DRAINAGE MAP

SHEET NO. 5



- NOTES:
- DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. This sheet is in the plans for documentation and to assist construction personnel with drainage concerns.
 - ALL PLAN ELEVATIONS ARE IN NAVD '88 DATUM (NAVD '88 EL. 0.00 = NGVD '29 EL. +1.09) FOR EXAMPLE: EL. 10.00 SHOWN IN PLANS EQUALS EL. 11.09 NGVD.
 - ALL PROPOSED BASIN BOUNDARIES SHOWN ARE FOR THE ULTIMATE 8-LANE TYPICAL SECTION.

SCALE: HORIZ. 1" = 800'
VERT. 1" = 20'



LEGEND
 --- EXISTING BASIN DIVIDE
 --- SURFACE WATER LIMITS
 B138 BASIN NUMBER

REVISIONS	
DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
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 E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



OVERALL DRAINAGE MAP
 SHEET NO. 6

NOTES:
 1. DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. This sheet is in the plans for documentation and to assist construction personnel with drainage concerns.
 2. ALL PLAN ELEVATIONS ARE IN NAVD '88 DATUM (NAVD '88 EL. 0.00 = NGVD '29 EL. +1.09) FOR EXAMPLE: EL. 10.00 SHOWN IN PLANS EQUALS EL. 11.09 NGVD.
 3. ALL PROPOSED BASIN BOUNDARIES SHOWN ARE FOR THE ULTIMATE 8-LANE TYPICAL SECTION.

BEGIN PROJECT SECTION 429-203
 Q CONST. SR 429 (WEKIVA PKWY)
 STA. 212+81.13

END SB BRIDGE
 STA. 129+00.01

END NB BRIDGE
 STA. 326+37.53

BEGIN SB BRIDGE
 STA. 124+49.99

BEGIN SB SR 429
 STA. 110+48.28=
 Q CONST. SR 429 (WEKIVA PKWY)
 STA. 210+48.28, 32' LT.

BEGIN NB SR 429
 STA. 310+48.28=
 Q CONST. SR 429 (WEKIVA PKWY)
 STA. 210+48.28, 32' RT.

BEGIN NB BRIDGE
 STA. 322+62.47

SCALE: HORIZ. 1" = 400'
 VERT. 1" = 40'

STRUCTURE NO.	STATION (Q CONST. SR 429)	DESIGN FLOOD		BASE FLOOD		OVERTOPPING FLOOD		GREATEST FLOOD						
		2% PROB. DISCHARGE	50 YR.FREQ. STAGE	1% PROB. DISCHARGE	100 YR.FREQ. STAGE	DISCHARGE	STAGE	PROB. %	FREQ. YR.	DISCHARGE	STAGE	PROB. %	FREQ. YR.	
OS-500	293+90.00	6.17	98.00	15.19	99.04							101.45	0.2	500
OS-800	326+00.00	14.01	80.71	18.65	81.31							82.70	0.2	500

NOTE: THE HYDRAULIC DATA IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, TO INDICATE THE FLOOD DISCHARGES AND WATER SURFACE ELEVATIONS WHICH MAY BE ANTICIPATED IN ANY GIVEN YEAR. THIS DATA WAS GENERATED USING HIGHLY VARIABLE FACTORS DETERMINED BY A STUDY OF THE WATERSHED. MANY JUDGEMENTS AND ASSUMPTIONS ARE REQUIRED TO ESTABLISH THESE FACTORS. THE RESULTANT HYDRAULIC DATA IS SENSITIVE TO CHANGES, PARTICULARLY OF ANTECEDENT CONDITIONS, URBANIZATION, CHANNELIZATION, AND LAND-USE. USERS OF THIS DATA ARE CAUTIONED AGAINST THE ASSUMPTION OF PRECISION WHICH CAN NOT BE ATTAINED. DISCHARGES ARE IN CUBIC FEET PER SECOND AND STAGES ARE IN FEET, NAVD, 1929.

DEFINITIONS:

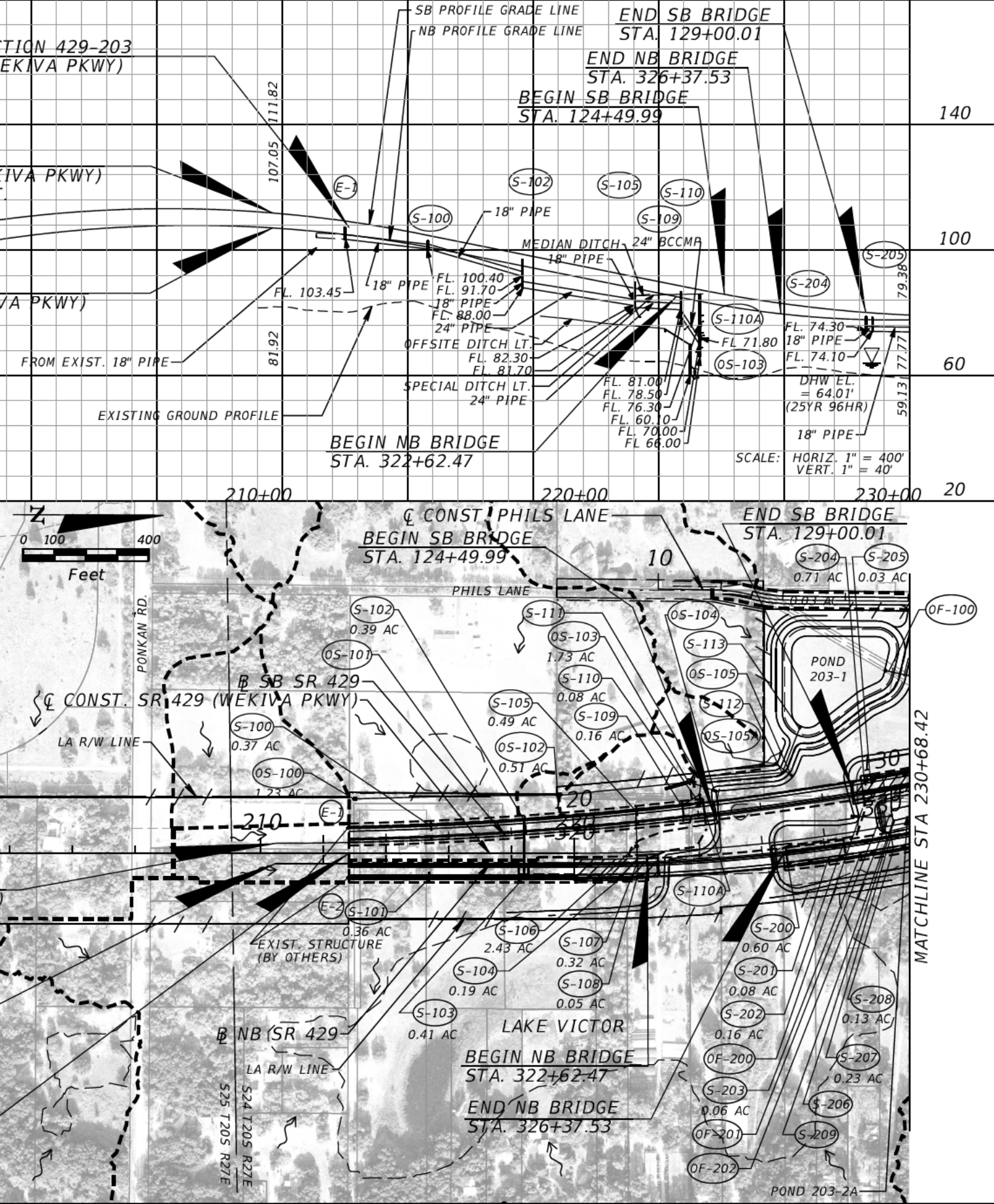
- DESIGN FLOOD: THE FLOOD SELECTED BY F.D.O.T. TO BE UTILIZED TO ASSURE A STANDARD LEVEL OF HYDRAULIC PERFORMANCE.
- BASE FLOOD: THE FLOOD HAVING A 1% CHANCE OF BEING EXCEEDED IN ANY YEAR. (100 YR. FREQUENCY)
- OVERTOPPING FLOOD: THE FLOOD WHERE FLOW OCCURS (A) OVER THE HIGHWAY (B) OVER A WATERSHED DIVIDE OR (C) THRU EMERGENCY RELIEF STRUCTURES.
- GREATEST FLOOD: THE MOST SEVERE FLOOD WHICH CAN BE PREDICTED WHERE OVERTOPPING IS NOT PRACTICABLE. NORMALLY ONE WITH A 0.2% CHANCE OF BEING EXCEEDED IN ANY YEAR. (500 YR. FREQUENCY)

LEGEND

- (S-100) PROPOSED STRUCTURE
- (1) EXISTING STRUCTURE
- - - BASIN DIVIDE
- - - WETLAND LIMITS
- - - SURFACE WATER LIMITS
- - - RIGHT OF WAY LIMITS

BEGIN NB SR 429
 STA. 310+48.28=
 Q CONST. SR 429 (WEKIVA PKWY)
 STA. 210+48.28, 32' RT.

BEGIN PROJECT SECTION 429-203
 Q CONST. SR 429 (WEKIVA PKWY)
 STA. 212+81.13



REVISIONS	
DATE	DESCRIPTION

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 Phone: (407) 629-2185
 www.balmoralgroup.us
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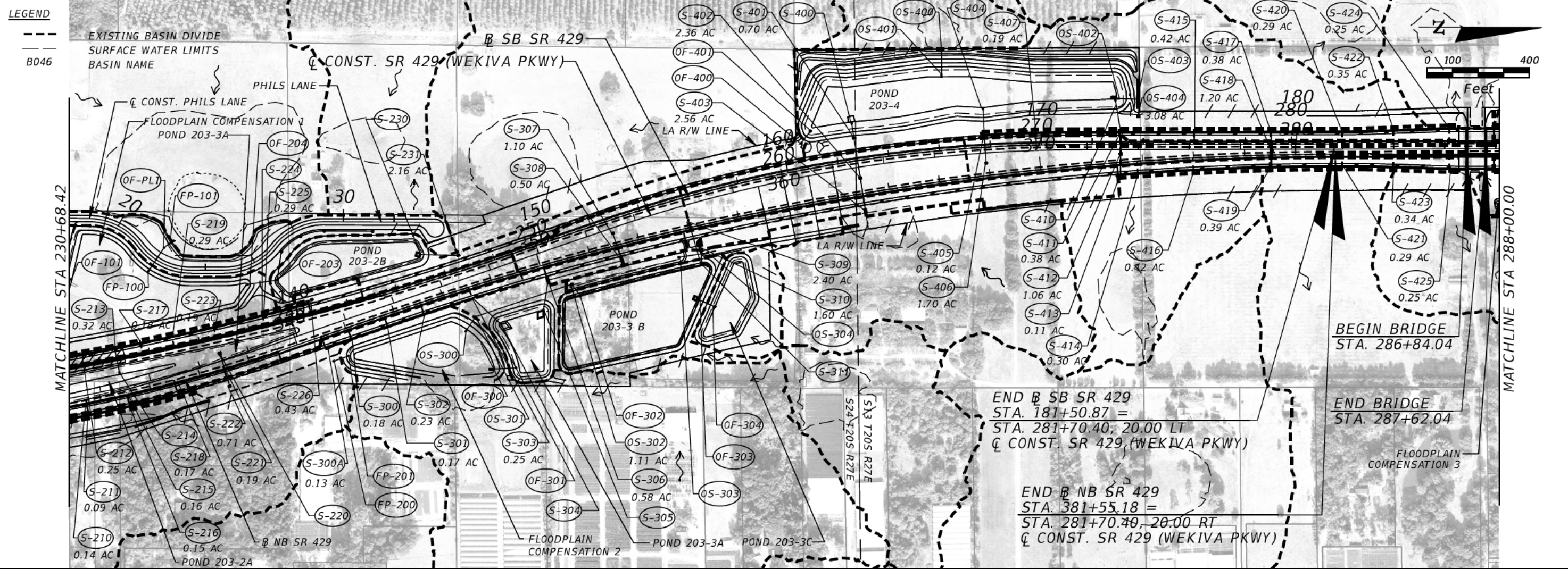
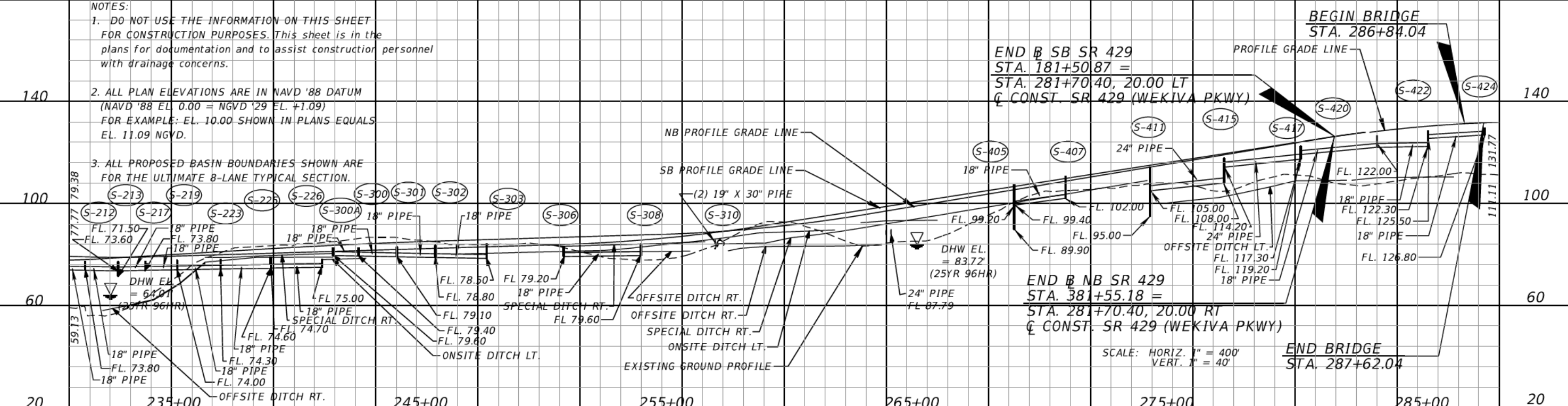
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



SR 429 DRAINAGE MAP

SHEET NO. 7

NOTES:
 1. DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. This sheet is in the plans for documentation and to assist construction personnel with drainage concerns.
 2. ALL PLAN ELEVATIONS ARE IN NAVD '88 DATUM (NAVD '88 EL. 0.00 = NGVD '29 EL. +1.09) FOR EXAMPLE: EL. 10.00 SHOWN IN PLANS EQUALS EL. 11.09 NGVD.
 3. ALL PROPOSED BASIN BOUNDARIES SHOWN ARE FOR THE ULTIMATE 8-LANE TYPICAL SECTION.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

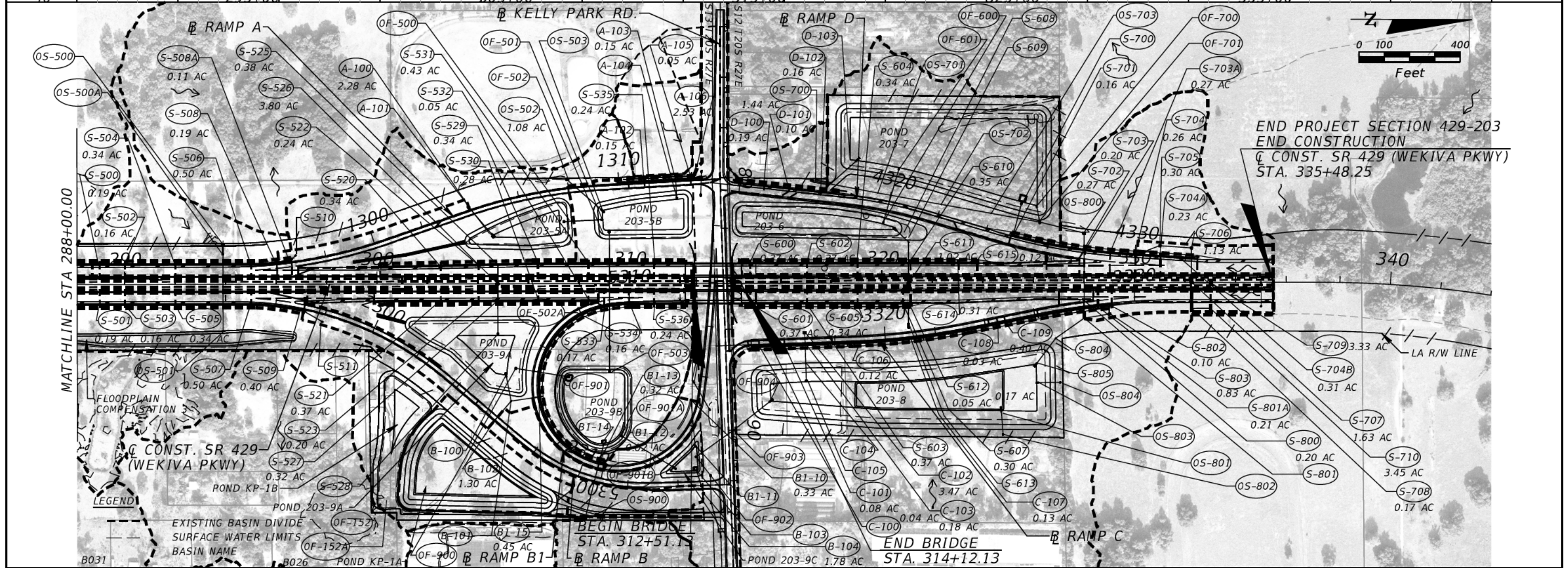
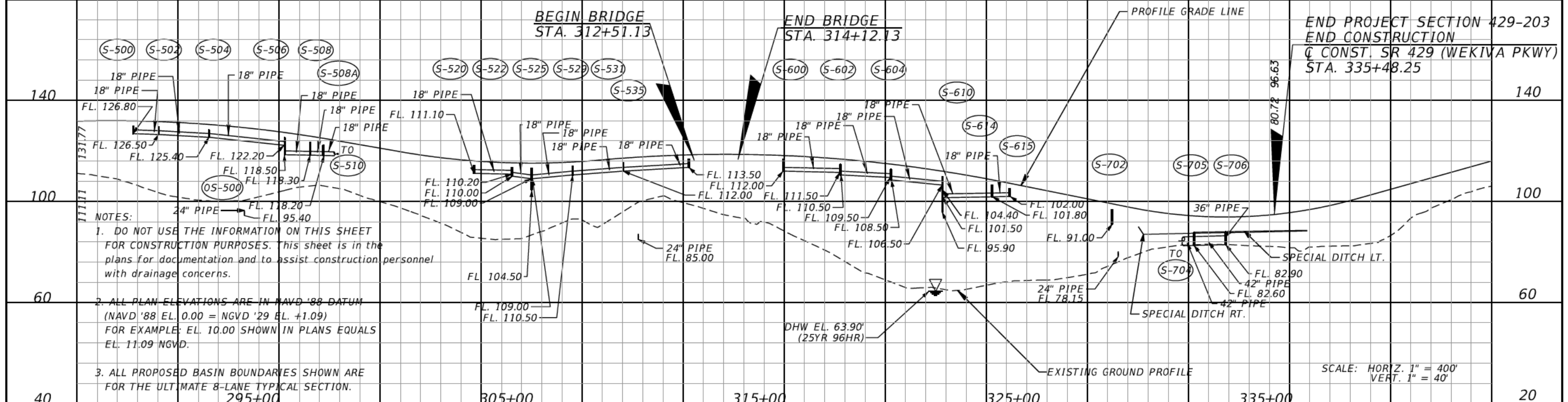
The Balmoral Group
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



SR 429 DRAINAGE MAP

SHEET NO. 8



REVISIONS	
DATE	DESCRIPTION

The Balmoral Group
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**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203

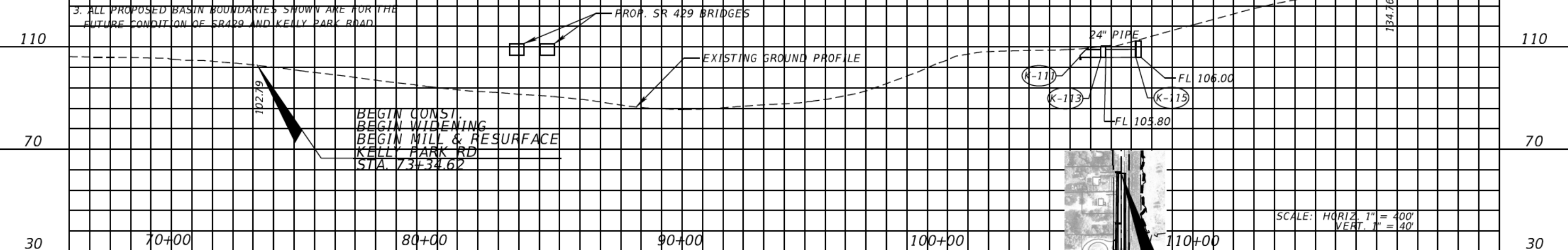


SR 429 DRAINAGE MAP

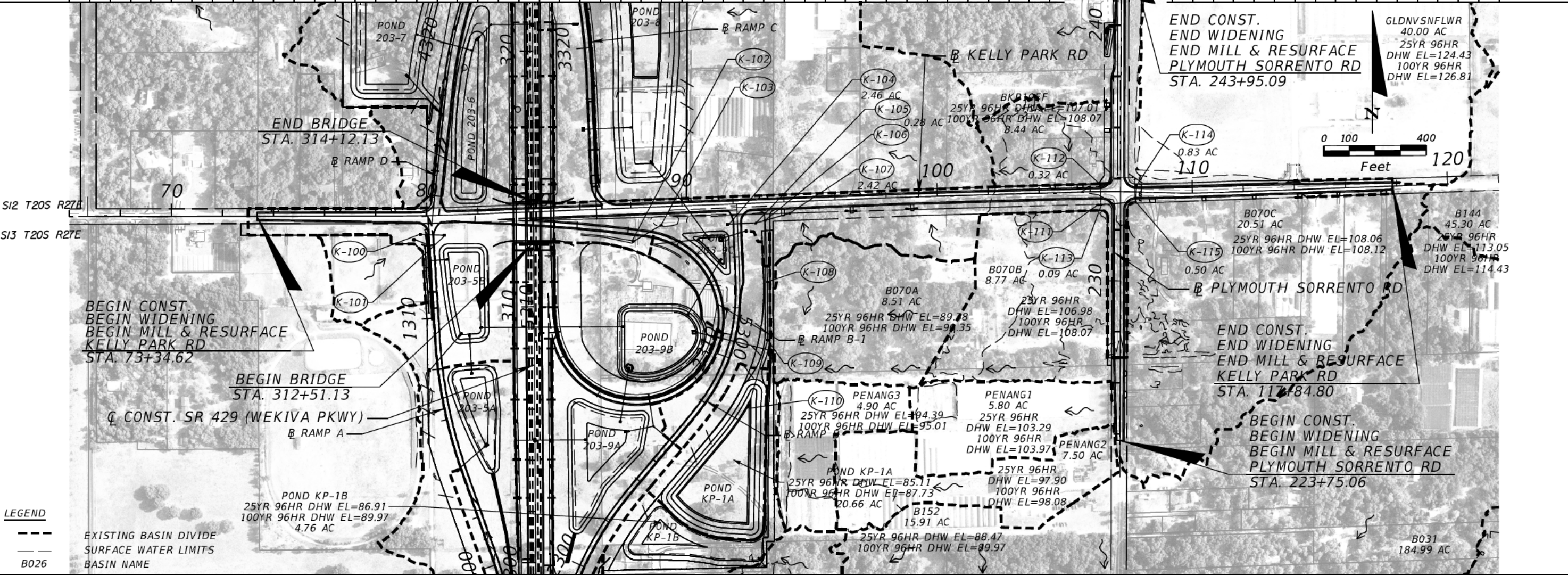
SHEET NO.
9

NOTES:
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 2. ALL PLAN ELEVATIONS ARE IN NAVD '88 DATUM (NAVD '88 EL. 0.00 = NGVD '29 EL. +1.09) FOR EXAMPLE: EL. 10.00 SHOWN IN PLANS EQUALS EL. 11.09 NGVD.
 3. ALL PROPOSED BASIN BOUNDARIES SHOWN ARE FOR THE FUTURE CONDITION OF SR429 AND KELLY PARK ROAD.

END CONST.
 END WIDENING
 END MILL & RESURFACE
 KELLY PARK RD
 STA. 117+84.80



SCALE: HORIZ. 1" = 400'
 VERT. 1" = 40'



LEGEND
 - - - EXISTING BASIN DIVIDE
 ——— SURFACE WATER LIMITS
 B026 BASIN NAME

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

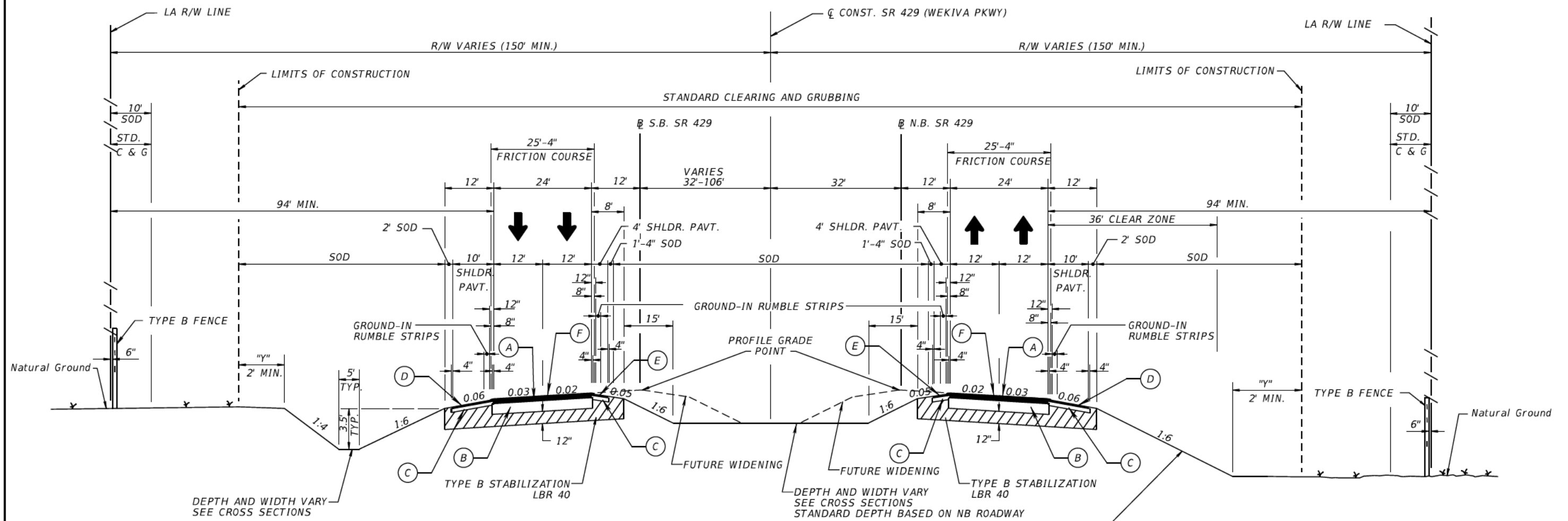
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



KELLY PARK RD DRAINAGE MAP

SHEET NO. 10



NOTE: SUPERELEVATION TRANSITIONS ROTATE ABOUT THE PROFILE GRADE POINT

1:6 FOR FILLS TO 5'-
 1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'
 1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'
 1:3 (WITH GUARDRAIL) FILLS OVER 20'

TYPICAL SECTION 1
SR 429
STA. 212+81.13 TO STA. 243+75.32

TRAFFIC DATA

CURRENT YEAR = 2012 AADT = NA
 ESTIMATED OPENING YEAR = 2013 AADT = 27400
 ESTIMATED DESIGN YEAR = 2033 AADT = 78470
 K = 9.79 % D = 64.33 % T = 10.62 % (24 HOUR)
 DESIGN HOUR T = 5 %
 DESIGN SPEED = 70 MPH

LEGEND

- (A) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D) (2")
- (B) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D) (2")(PG 76-22)
- (C) 12" LIMEROCK BASE (BG 11)
- (D) 7" LIMEROCK BASE (BG 5)
- (E) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B) (2")
- (F) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D) (2")(PG 76-22)
- (F) FRICTION COURSE FC-5 (3/4") (PG 76-22) (BLACK GRANITE)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

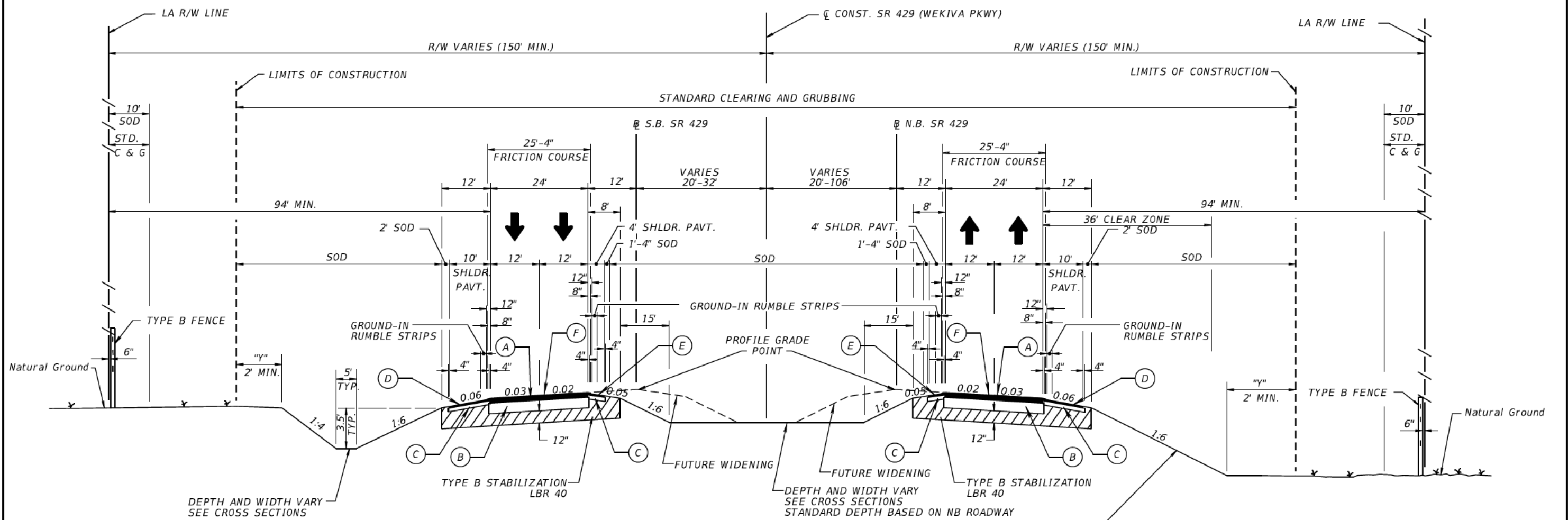
CENTRAL FLORIDA
EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



TYPICAL SECTION (1)
SR 429 (WEKIVA PKWY)

SHEET NO.

11



NOTE: SUPERELEVATION TRANSITIONS ROTATE ABOUT THE PROFILE GRADE POINT

1:6 FOR FILLS TO 5'
 1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'
 1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'
 1:3 (WITH GUARDRAIL) FILLS OVER 20'

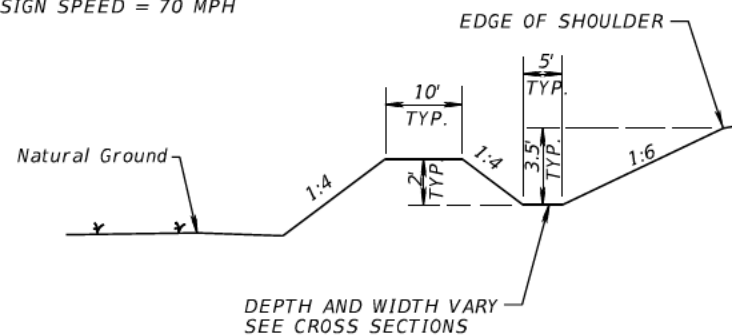
TRAFFIC DATA

CURRENT YEAR = 2012 AADT = NA
 ESTIMATED OPENING YEAR = 2013 AADT = 27400
 ESTIMATED DESIGN YEAR = 2033 AADT = 78470
 K = 9.79 % D = 64.33 % T = 10.62 % (24 HOUR)
 DESIGN HOUR T = 5 %
 DESIGN SPEED = 70 MPH

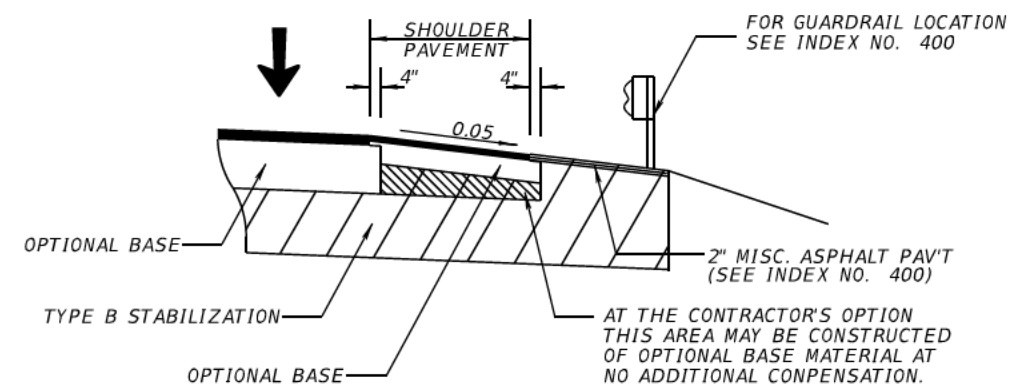
**TYPICAL SECTION 2
 SR 429
 STA. 243+75.32 TO STA. 281+70.40**

LEGEND

- (A) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D)(2")
- (B) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D) (2") (PG 76-22)
- (C) 12" LIMEROCK BASE (BG 11)
- (D) 7" LIMEROCK BASE (BG 5)
- (E) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B) (2")
- (F) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D) (2") (PG 76-22)
- (G) FRICTION COURSE FC-5 (3/4") (PG 76-22) (BLACK GRANITE)



TYPICAL DITCH BERM SECTION



MEDIAN GUARDRAIL DETAIL

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY**

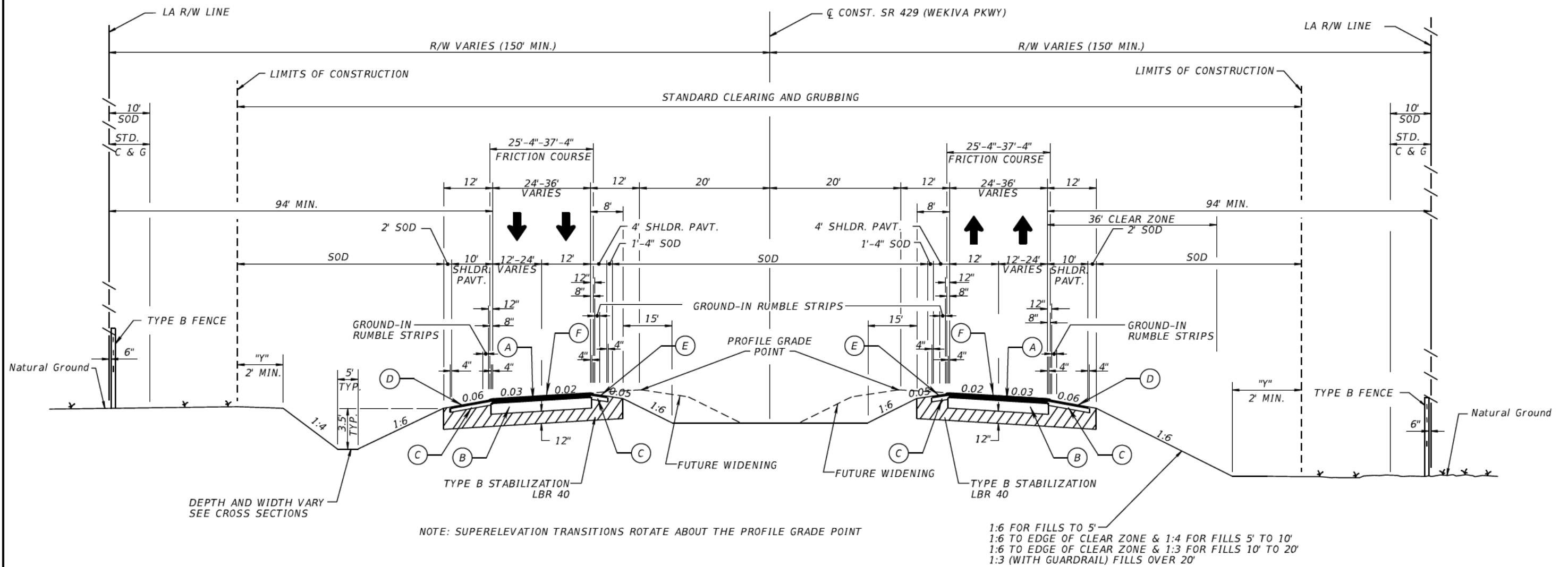
ROAD NO. SR 429
 PROJECT NO. 429-203



**TYPICAL SECTION (2)
 SR 429 (WEKIVA PKWY)**

SHEET NO.

12



NOTE: SUPERELEVATION TRANSITIONS ROTATE ABOUT THE PROFILE GRADE POINT

1:6 FOR FILLS TO 5'
 1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'
 1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'
 1:3 (WITH GUARDRAIL) FILLS OVER 20'

TRAFFIC DATA

CURRENT YEAR = 2012 AADT = NA
 ESTIMATED OPENING YEAR = 2013 AADT = 27400
 ESTIMATED DESIGN YEAR = 2033 AADT = 78470
 K = 9.79 % D = 64.33 % T = 10.62 % (24 HOUR)
 DESIGN HOUR T = 5 %
 DESIGN SPEED = 70 MPH

**TYPICAL SECTION 3A
 SR 429
 STA. 281+70.40 TO STA. 315+00.00**

LEGEND

- (A) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D)(2")
- (B) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D) (2")(PG 76-22)
- (C) 12" LIMEROCK BASE (BG 11)
- (D) 7" LIMEROCK BASE (BG 5)
- (E) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B) (2")
- (F) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D) (2")(PG 76-22)
- (F) FRICTION COURSE FC-5 (3/4") (PG 76-22) (BLACK GRANITE)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

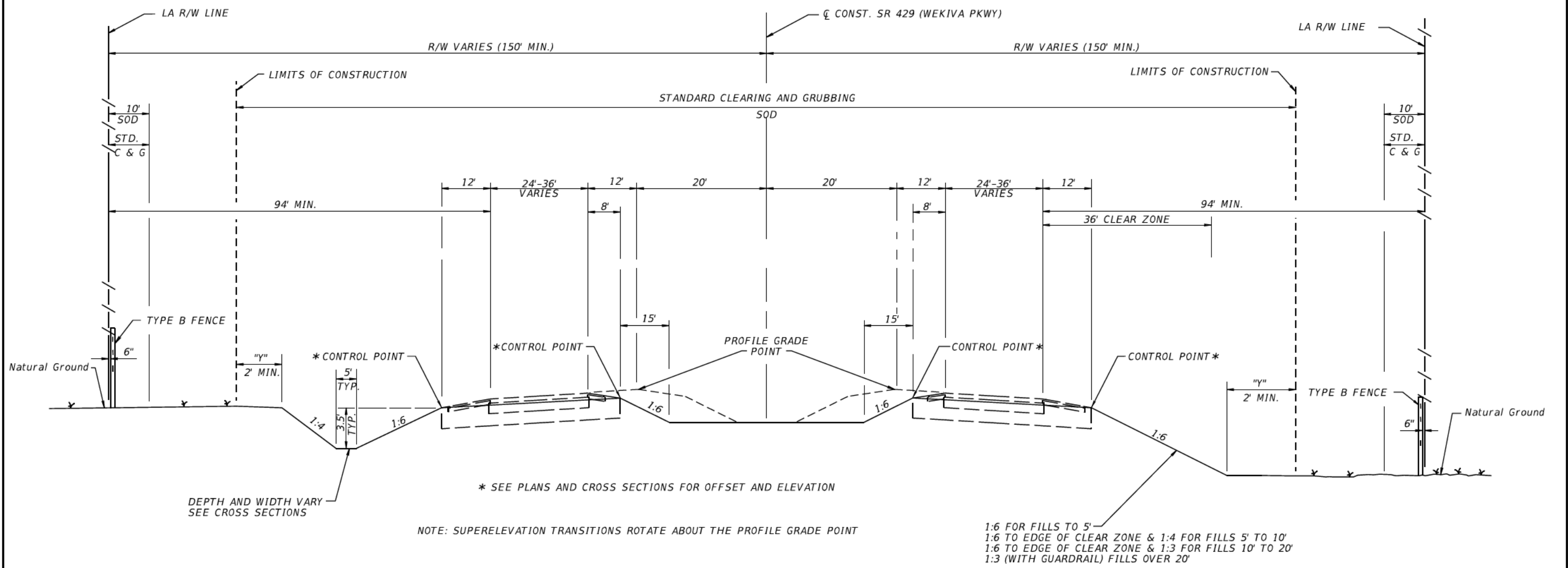
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**TYPICAL SECTION (3)
 SR 429 (WEKIVA PKWY)**

SHEET NO.
13

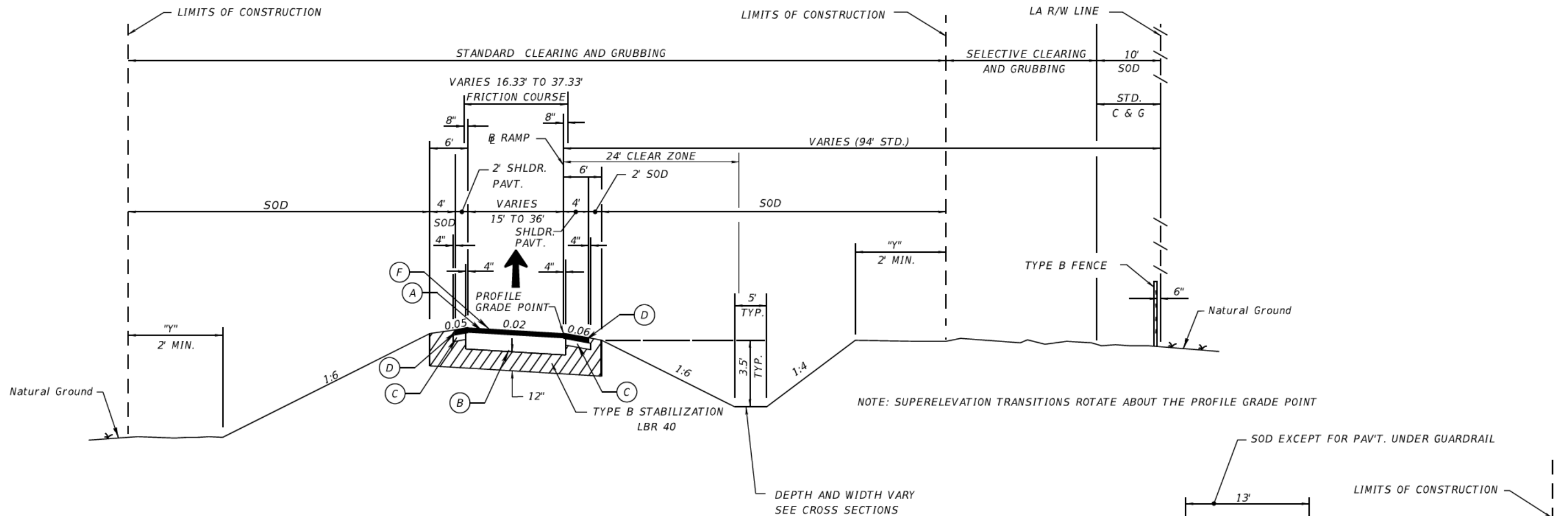


TRAFFIC DATA

CURRENT YEAR = 2012 AADT = NA
 ESTIMATED OPENING YEAR = 2013 AADT = 27400
 ESTIMATED DESIGN YEAR = 2033 AADT = 78470
 K = 9.79 % D = 64.33 % T = 10.62 % (24 HOUR)
 DESIGN HOUR T = 5 %
 DESIGN SPEED = 70 MPH

TYPICAL SECTION 3B
SR 429
STA. 315+00.00 TO STA. 335+48.25
GRADING AND EMBANKMENT ONLY

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. PROJECT NO. SR 429 429-203		CFX	TYPICAL SECTION (A) SR 429 (WEKIVA PKWY)		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							14



TYPICAL SECTION 4A
RAMP A STA. 1294+11.38 TO STA. 1313+77.48
RAMP B STA. 2295+46.77 TO STA. 2313+68.46
DESIGN SPEED 50 MPH

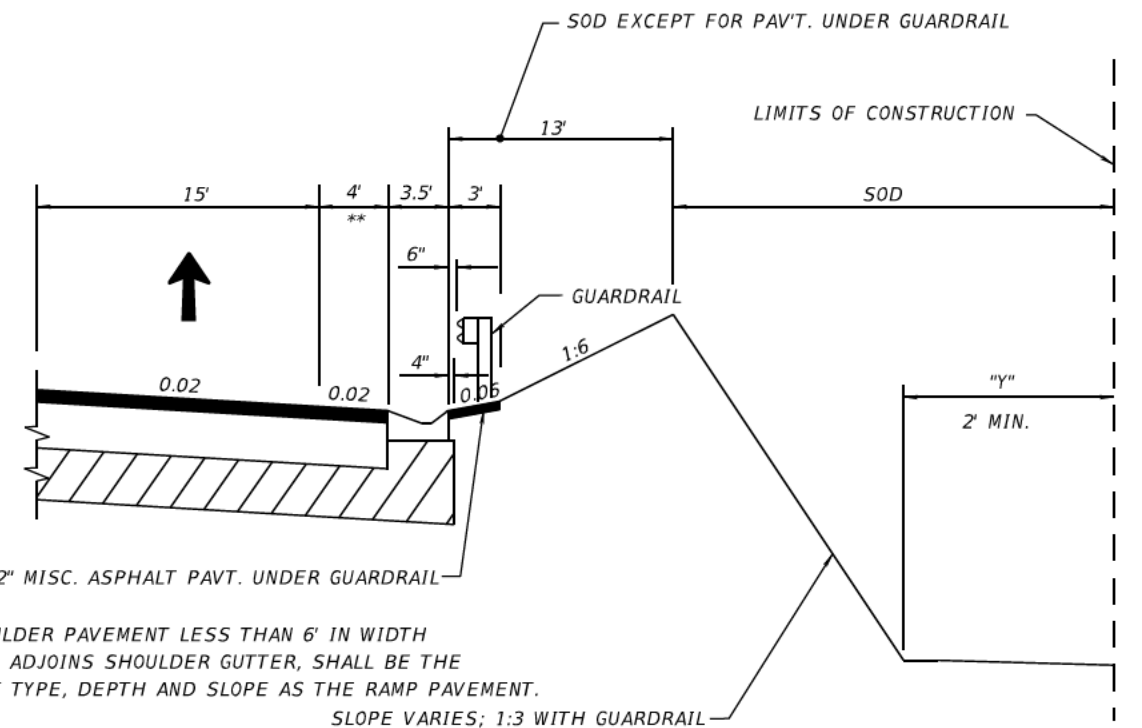
LEGEND

- (A) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C) (1.5")
- (B) 10" LIMEROCK BASE (BG 9)
- (C) 4" LIMEROCK BASE (BG 1)
- (D) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C) (1.5")(PG 76-22)
- (F) FRICTION COURSE FC-5 (3/4") (PG 76-22) (BLACK GRANITE)

NOTE:
 RAMP C AND RAMP D STUB OUTS TO MATCH PAVEMENT DESIGN FROM TYPICAL SECTION NO. 4A (SINGLE LANE RAMPS)
 RAMP B-1 STUB OUT TO MATCH PAVEMENT DESIGN FROM TYPICAL SECTION NO. 5 (KELLY PARK RD)

NOTE: SUPERELEVATION TRANSITIONS ROTATE ABOUT THE PROFILE GRADE POINT

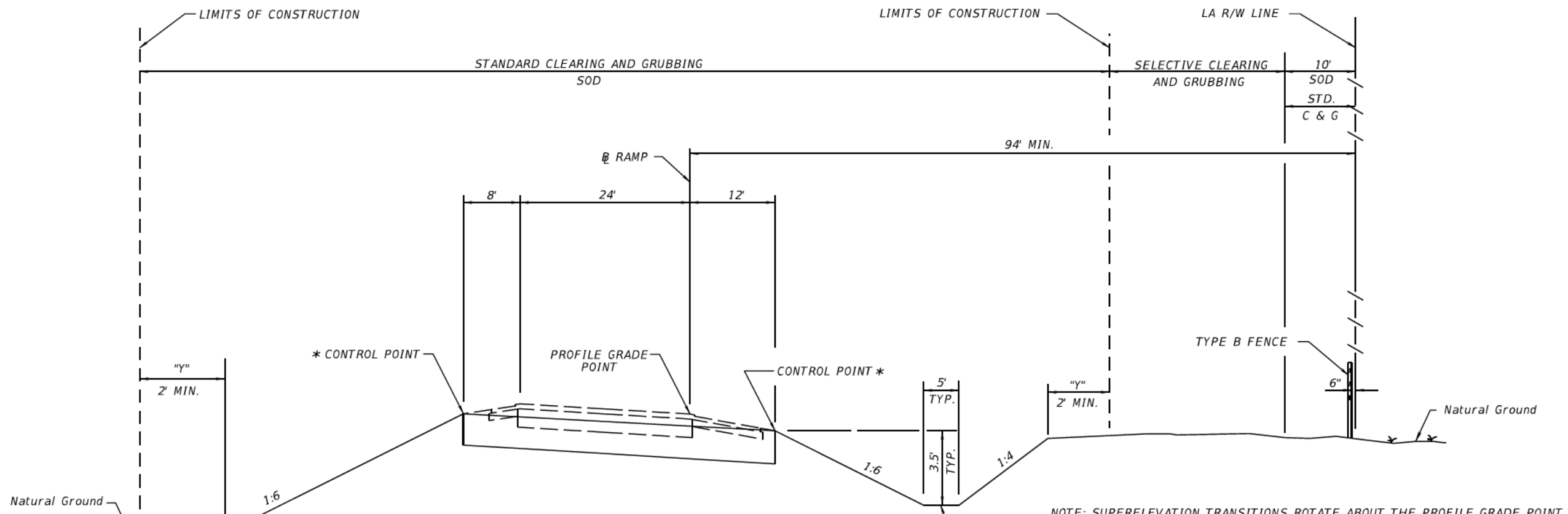
DEPTH AND WIDTH VARY
 SEE CROSS SECTIONS



**SHOULDER PAVEMENT LESS THAN 6' IN WIDTH
 THAT ADJOINS SHOULDER GUTTER, SHALL BE THE
 SAME TYPE, DEPTH AND SLOPE AS THE RAMP PAVEMENT.
 SLOPE VARIES; 1:3 WITH GUARDRAIL

SHOULDER PAVEMENT & SHOULDER GUTTER DETAIL
FOR SINGLE LANE RAMP

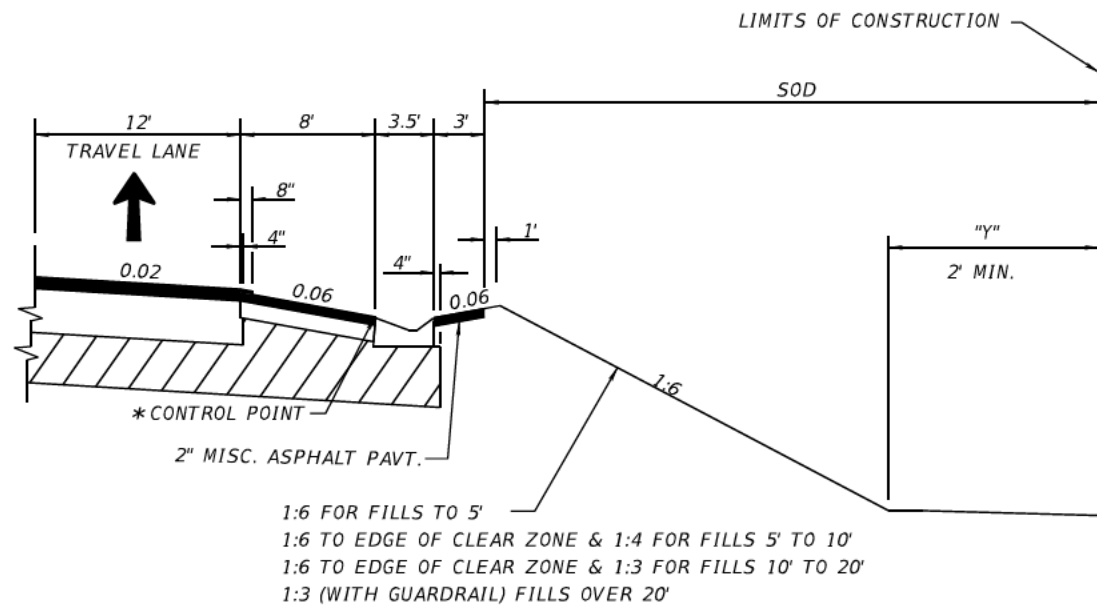
REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. PROJECT NO. SR 429 429-203			TYPICAL SECTION (5) SR 429 (WEKIVA PKWY)		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							15



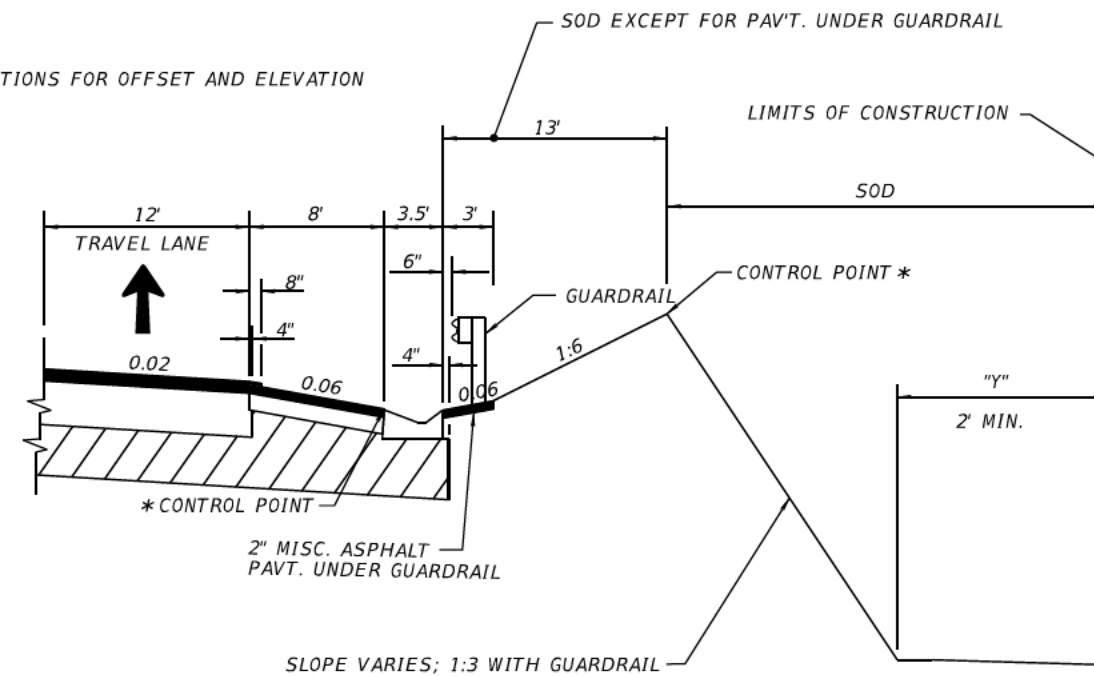
**TYPICAL SECTION 4B
RAMP D STA. 4313+40.00 TO STA. 4332+89.54
GRADING AND EMBANKMENT ONLY**

1:6 FOR FILLS TO 5'
1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'
1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'
1:3 (WITH GUARDRAIL) FILLS OVER 20'

* SEE PLANS AND CROSS SECTIONS FOR OFFSET AND ELEVATION



**SHOULDER PAVEMENT & SHOULDER GUTTER DETAIL
MAINLINE AND MULTILANE RAMPS W/O GUARDRAIL**



**SHOULDER PAVEMENT & SHOULDER GUTTER DETAIL
MAINLINE AND MULTILANE RAMPS W/ GUARDRAIL**

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

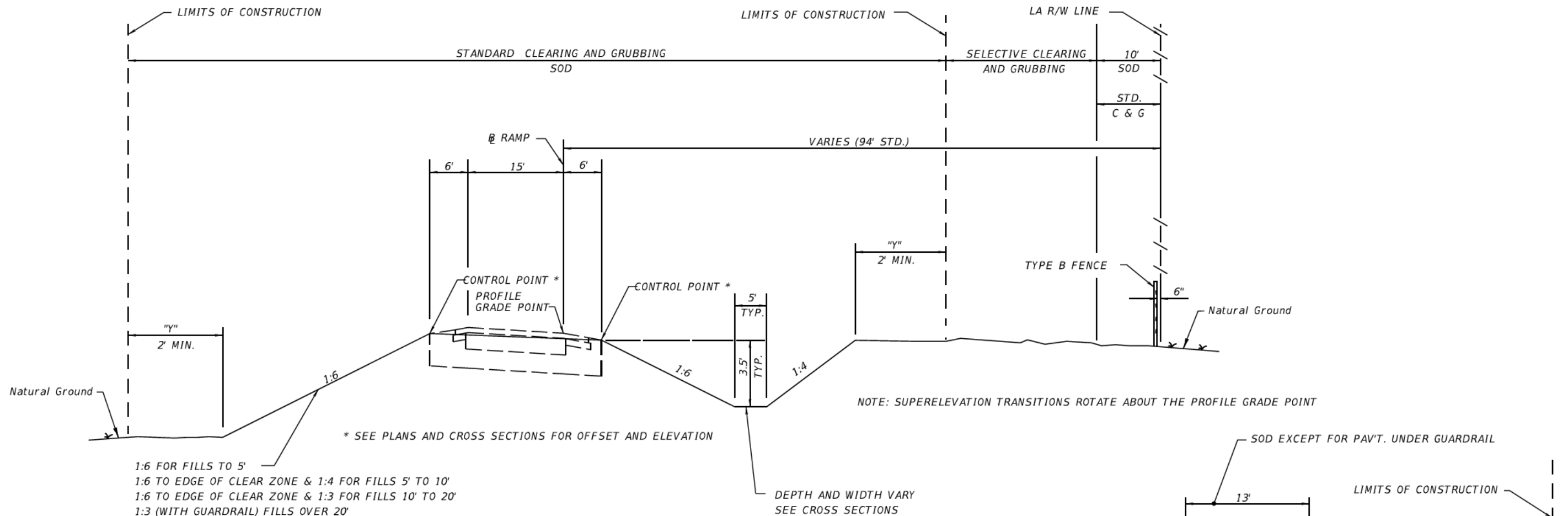
DANIEL F. CHRISTIE, P.E.
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ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**TYPICAL SECTION (6)
SR 429 (WEKIVA PKWY)**

SHEET NO.
15A

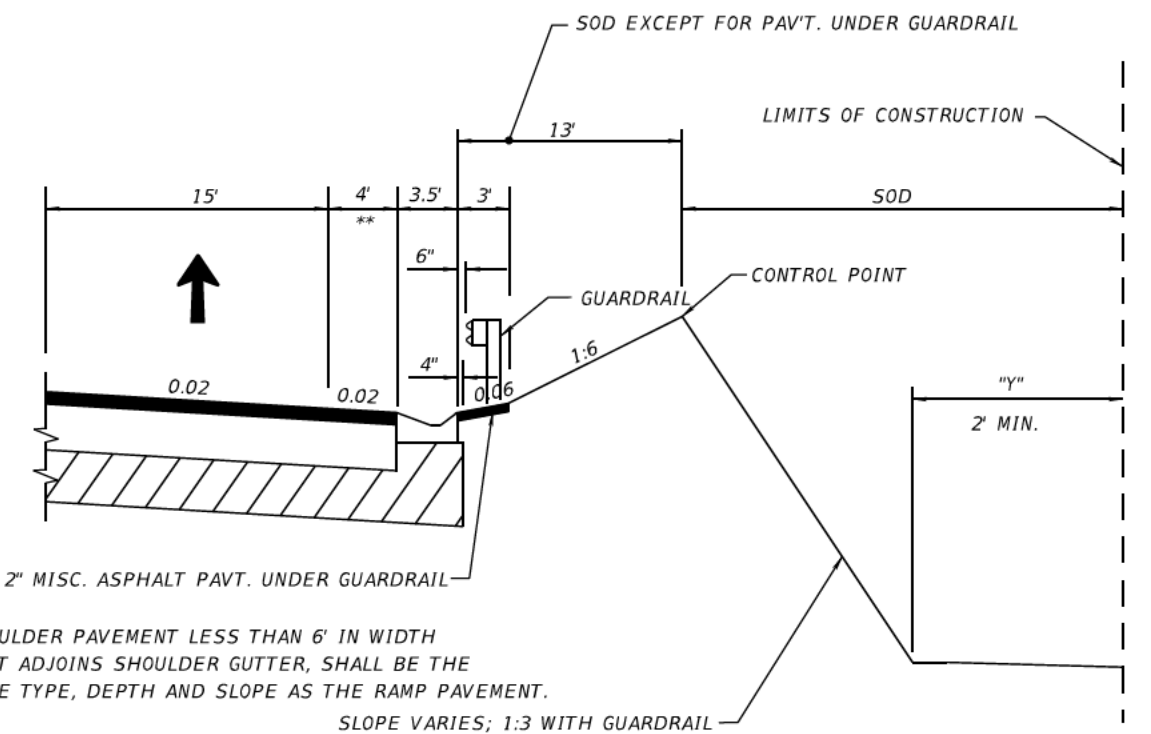


1:6 FOR FILLS TO 5'
 1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'
 1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'
 1:3 (WITH GUARDRAIL) FILLS OVER 20'

TYPICAL SECTION 4C
 RAMP C STA. 3313+79.17 TO STA. 3331+74.97
 RAMP B-1 STA 5287+18.43 TO STA 5312+00.00
 GRADING AND EMBANKMENT ONLY

DEPTH AND WIDTH VARY
 SEE CROSS SECTIONS

NOTE: SUPERELEVATION TRANSITIONS ROTATE ABOUT THE PROFILE GRADE POINT



**SHOULDER PAVEMENT & SHOULDER GUTTER DETAIL
 FOR SINGLE LANE RAMP**

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

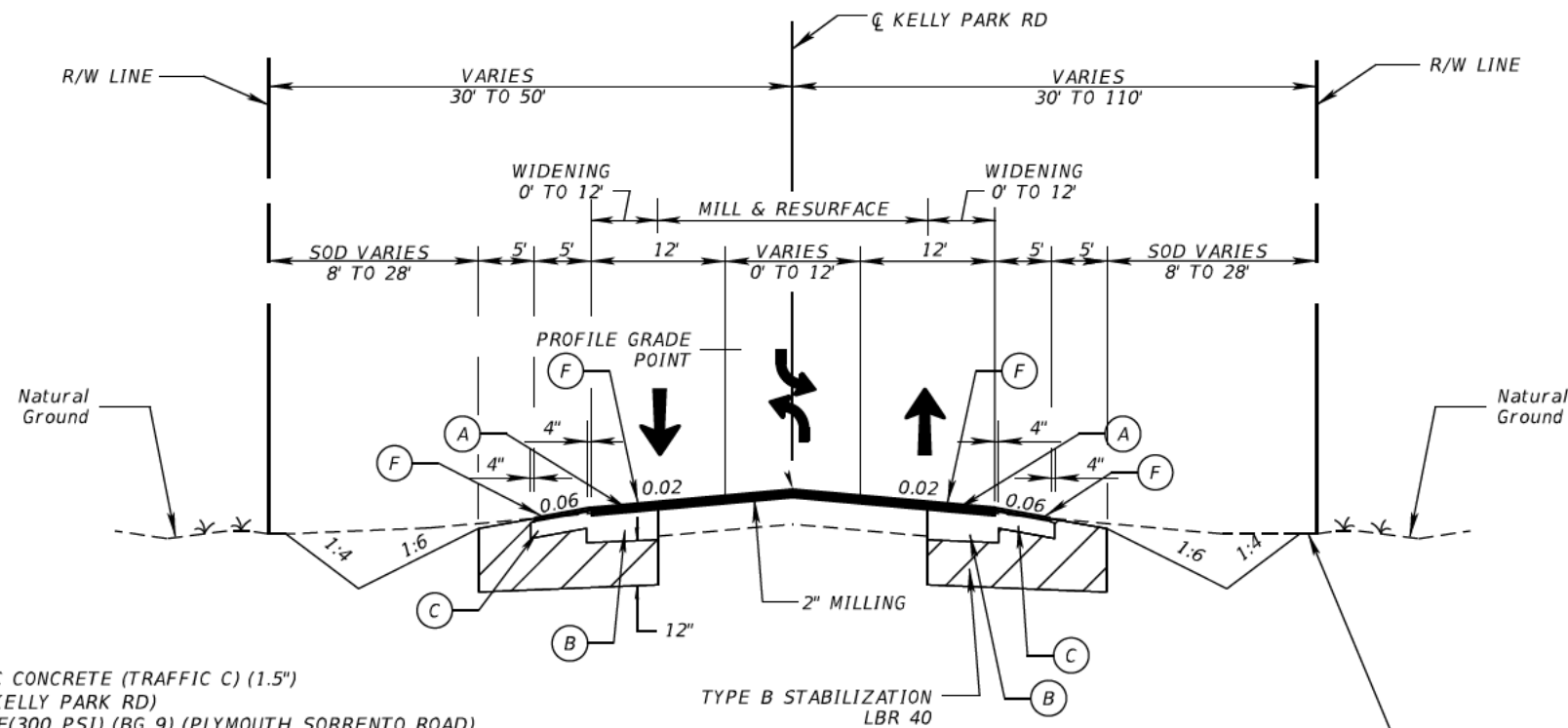
DANIEL F. CHRISTIE, P.E.
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 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



TYPICAL SECTION (7)
SR 429 (WEKIVA PKWY)

SHEET NO.
 15B



TYPICAL SECTION No. 5
KELLY PARK ROAD
 STA. 73+34.62 TO STA. 117+84.80
PLYMOUTH SORRENTO ROAD
 STA. 223+75.06 TO STA. 243+95.09

KELLY PARK RD TRAFFIC DATA

CURRENT YEAR ESTIMATE = 2013 AADT = 4,800
 OPENING YEAR ESTIMATE = 2013 AADT = 4,800
 DESIGN YEAR ESTIMATE = 2033 AADT = 86,410
 K = 10.1% D = 60.9% T = 11.0% (24 HOUR)
 DESIGN SPEED = 55 MPH

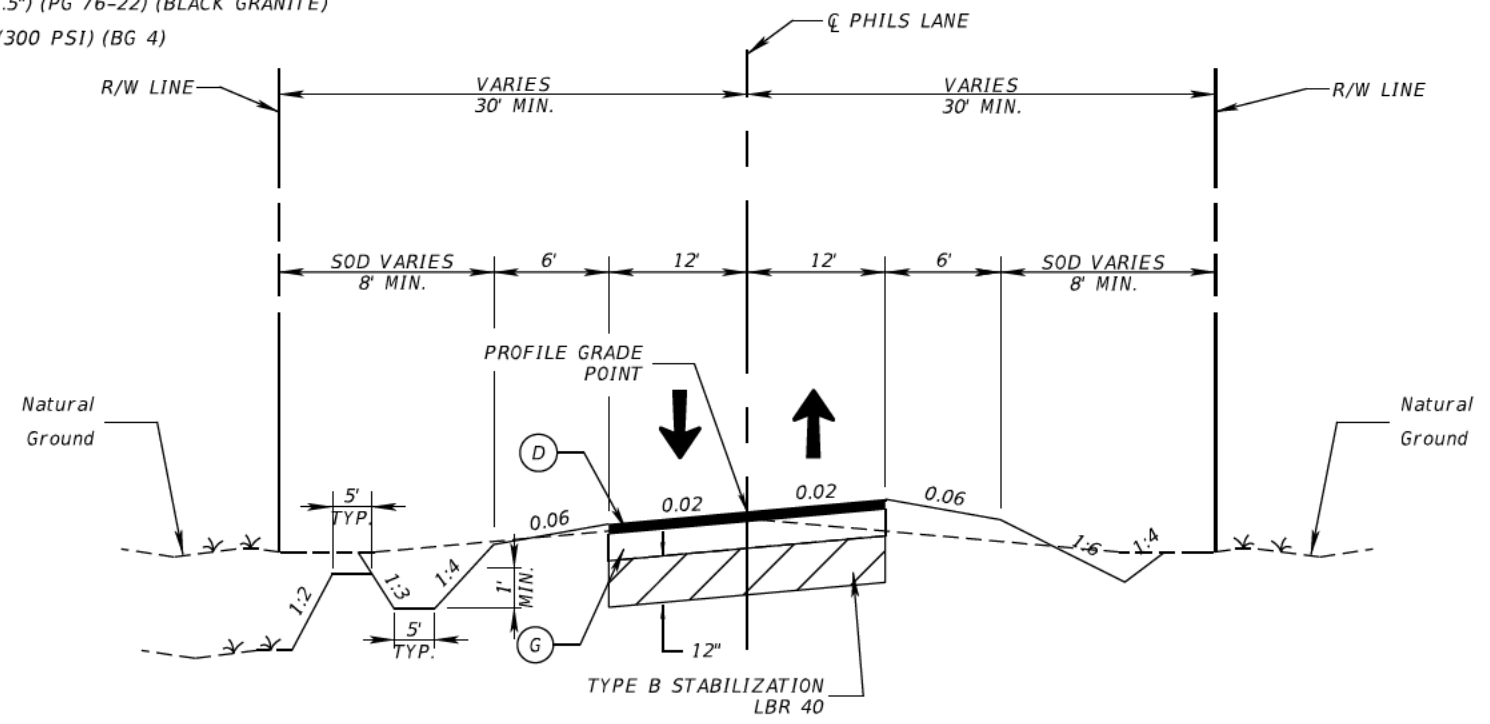
PLYMOUTH-SORRENTO RD TRAFFIC DATA

CURRENT YEAR ESTIMATE = 2013 AADT = 9,900
 OPENING YEAR ESTIMATE = 2013 AADT = 9,900
 DESIGN YEAR ESTIMATE = 2033 AADT = 15,700
 K = 10.1% D = 60.9% T = 11.0% (24 HOUR)
 DESIGN SPEED = 55 MPH

LEGEND

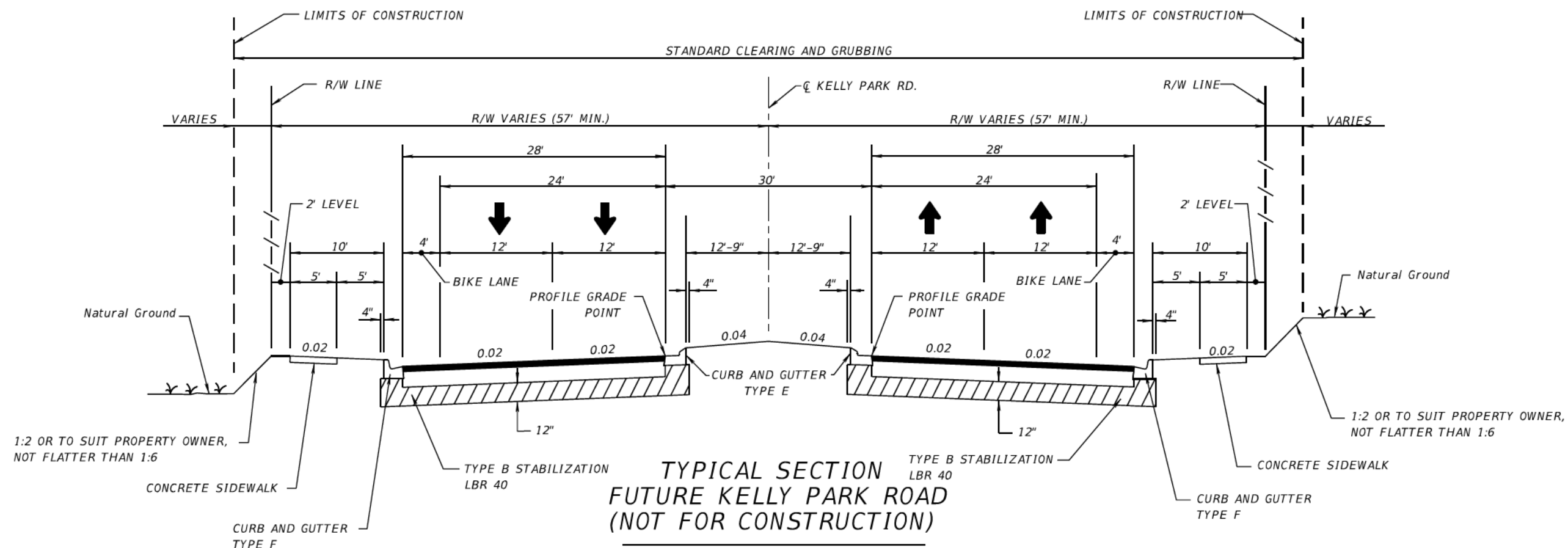
- (A) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C) (1.5")
- (B) 10" LIMEROCK BASE (KELLY PARK RD)
- (C) 12" SOIL CEMENT BASE(300 PSI) (BG 9) (PLYMOUTH SORRENTO ROAD)
- (D) 4" LIMEROCK BASE (KELLY PARK RD)
- (E) 5" SOIL CEMENT BASE(300 PSI) (BG 1) (PLYMOUTH SORRENTO ROAD)
- (F) SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C) (1.5")
- (G) 7 1/2" SOIL CEMENT BASE (300 PSI) (BG 4)

PROVIDE 5' MIN. GRADED AREA AT 2% SLOPED TOWARDS ROADSIDE DITCH ADJACENT TO RIGHT OF WAY FROM STA 93+50 TO STA 106+50



TYPICAL SECTION No. 6
PHILS LANE
 STA. 13+00.00 TO STA. 33+80.00
 DESIGN SPEED = 25 MPH

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	TYPICAL SECTION (8) SR 429 (WEKIVA PKWY)	SHEET NO. 16
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



**TYPICAL SECTION
FUTURE KELLY PARK ROAD
(NOT FOR CONSTRUCTION)**

**4-LANE URBAN
DESIGN SPEED 45 MPH**

KELLY PARK ROAD TRAFFIC DATA

CURRENT YEAR ESTIMATE = 2012 AADT = 2,700
 OPENING YEAR ESTIMATE = AADT = 2,900
 DESIGN YEAR ESTIMATE = AADT = 5,800
 K = 10.1% D = 60.9% T = 11.6% (24 HOUR)
 DESIGN SPEED = 45 MPH

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

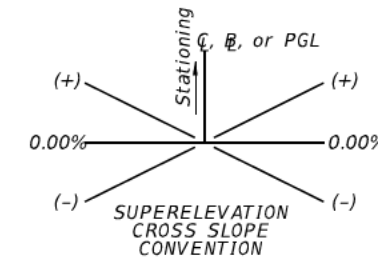


**TYPICAL SECTION (9)
FUTURE KELLY PK RD**

SHEET NO.
17

TYPICAL SECTION NOTES

1. BITUMINOUS PRIME COAT IS TO BE APPLIED TO ALL LIMEROCK BASES ON WHICH PAVEMENT IS TO BE PLACED AT A RATE NOT LESS THAN 0.10 GALLONS PER SQ. YD., OR AS DIRECTED BY THE ENGINEER.
2. TACK COAT IS TO BE APPLIED BETWEEN ALL PAVEMENT COURSES AT A RATE OF 0.03 GALLONS PER SQ. YD., OR AS DIRECTED BY THE ENGINEER.
3. ALL PERMANENT GRASS AREAS, EXCEPT POND BOTTOMS, POND FRONT SLOPES AND FLOODPLAIN COMPENSATION AREAS, SHALL RECEIVE A 6" FINISH SOIL LAYER, (PER 162-3-1) TO BE PAID UNDER 120-6.
4. NONE OF THE EXISTING LIMEROCK BASE THAT IS REMOVED IS TO BE USED IN THE CONSTRUCTION OF THE NEW LIMEROCK BASE. EXISTING LIMEROCK THAT IS REMOVED CAN BE INCORPORATED IN THE STABILIZED PORTION OF THE SUBGRADE OR DISPOSED OF PROPERLY OFF THE PROJECT SITE.
5. ALL NEWLY-CONSTRUCTED SLOPES TO BE SODDED TO THE TOE OF THE SLOPE AND THE SOD CARRIED 2' PAST IT, EXCEPT POND BOTTOMS.
6. "LIMITS OF CONSTRUCTION" AS SHOWN ON THE TYPICAL SECTIONS REPRESENT THE LIMITS OF STANDARD CLEARING AND GRUBBING. ADDITIONAL AREAS OF STANDARD AND SELECT CLEARING AND GRUBBING ARE SHOWN ON PLAN AND POND SHEETS. SELECT CLEARING AND GRUBBING TO BE CONSIDERED INCIDENTAL TO PAY ITEM NO. 110-1-1, CLEARING AND GRUBBING.
7. CONTRACTOR SHALL ANTICIPATE SELECTIVE CLEARING AND GRUBBING AT OTHER LOCATIONS WITHIN THE PROJECT RIGHT-OF-WAY TO FACILITATE CONSTRUCTION.
8. ALL DISTURBED AREAS, EXCEPT ROADWAY PAVEMENT AND POND BOTTOMS, WITHIN THE LIMITS OF CONSTRUCTION SHALL BE GRADED AND SODDED.
9. WHERE SHOULDER PAVEMENT USED IN CONJUNCTION WITH SHOULDER GUTTER IS LESS THAN 6' UNIFORM WIDTH, IT SHALL BE IDENTICAL TO THE ADJACENT ROADWAY PAVEMENT'S STRUCTURAL SECTION.
10. THE FRICTION COURSE IS TO BE MADE WITH BLACK GRANITE AGGREGATE ONLY.
11. COORDINATE MILLING AND RESURFACING CONSTRUCTION OPERATIONS TO PREVENT PONDING OF WATER ON ROADWAY.
12. MILLING OPERATIONS MAY INCLUDE REMOVAL OF LIMEROCK OR SOIL CEMENT BASE, REMOVAL OF BASE SHALL BE INCIDENTAL TO THE CORRESPONDING MILLING EXISTING ASPHALT PAVEMENT PAY ITEM.
13. IN AREAS WHERE LIMEROCK OR SOIL CEMENT BASE COURSE IS EXPOSED, CONTRACTOR SHALL REMOVE ANY LOOSE OR BROKEN ASPHALT, ROLL EXPOSED BASE COURSE WITH MIN. 2 PASSES OF A 5 TO 12 TON ROLLER, APPLY TACK COAT, AND INSTALL NEW ASPHALT (ASPHALT SHALL BE INSTALLED DURING THE SAME OPERATION).
14. CONTRACTOR SHALL PLACE AND MAINTAIN A "SUPERPAVE" ASPHALT CONCRETE TRANSITION WEDGE ACROSS THE LANE AT ALL GRADE TRANSITIONS, INCLUDING BRIDGES AND TOLL PLAZAS, OPEN TO TRAFFIC. SLOPE WEDGE AT 1"/8". REMOVE WEDGE PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. INSTALLATION AND REMOVAL OF WEDGES SHALL BE INCIDENTAL TO THE CORRESPONDING MILLING AND EXISTING ASPHALT PAVEMENT PAY ITEM.
15. FRICTION COURSE SHALL BE PLACED SUCH THAT NO TAPE PAVEMENT MARKING STRIPE SHALL BE PLACED OVER A JOINT.
16. THE FRICTION COURSE OVERLAP SHALL BE INSTALLED TO THE DIMENSION PROVIDED IN THE TYPICAL SECTIONS (8") WITH A 1/2" TOLERANCE.
17. FINE TYPE SP-9.5 ASPHALT CONCRETE SHALL BE PERMITTED IN THE TOP LIFT OF STRUCTURAL COURSE ONLY COARSE ASPHALT CONCRETE MIX (TRAFFIC LEVEL E) SHALL NOT BE USED.
18. THE CONSTRUCTION JOINT BETWEEN LANES FOR SP LIFTS SHOULD BE OFFSET 4" FROM THE LIFT BENEATH.
19. ALL A-8 MATERIAL TO BE STOCKPILED AND USED IN THE EMBANKMENT AS FINISH SOIL IN ACCORDANCE WITH INDEX NOS. 500 AND 505.
20. BASED ON THE CONTRACTOR'S TECHNIQUES, A SEPARATE PASS BY THE MILLING MACHINE MAY BE REQUIRED TO MEET DROP OFF CLEARANCE REQUIREMENTS AND SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM NO. 327-70-5.
21. WHEN MEASURING FOR SURFACE IRREGULARITIES, CONTRACTOR SHALL STRAIGHT EDGE ASPHALT, APPROACH SLAB, AND BRIDGE (15' ONTO BRIDGE DECK).
22. CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.
23. SOD USED IN POND AND FLOODPLAIN COMPENSATION LOCATIONS SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.



REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	TYPICAL SECTION NOTES	SHEET NO. 18
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				

SUMMARY OF PERFORMANCE TURF-SOD

LOCATION		SIDE	P			F			FIELD BOOK REFERENCE
STA.	TO STA.		L	W	SY	L	W	SY	
212+81.13	TO 224+50.00	RT	93.99	1168.87	12,207.0				
212+81.13	TO 224+50.00	M	104.73	1168.87	13,602.0				
212+81.13	TO 222+70.00	LT	128.97	988.87	14,170.0				
224+50.00	TO 232+75.00	LT	178.42	825.00	16,355.0				
226+26.00	TO 239+05.00	RT	97.09	1279.00	13,798.0				
226+28.00	TO 240+00.00	M	109.58	1372.00	16,705.0				
229+07.00	TO 239+33.00	LT	74.13	1026.00	8,451.0				
239+05.00	TO 260+07.00	RT	230.20	2102.00	53,764.0				
240+00.00	TO 250+00.00	M	93.04	1000.00	10,338.0				
239+33.00	TO 261+30.00	LT	94.47	2197.00	23,060.0				
250+00.00	TO 271+79.00	M	129.58	2179.00	31,372.0				
261+30.00	TO 274+06.00	LT	267.62	1276.00	37,942.0				
260+07.00	TO 286+89.00	RT	90.48	2682.00	26,963.0				
271+79.00	TO 286+89.00	M	63.75	1510.00	10,696.0				
274+06.00	TO 286+89.00	LT	78.64	1283.00	11,210.0				
286+89.00	TO 287+58.00		322.17	69.00	2,470.0				
287+58.00	TO 294+11.00	LT	92.69	653.00	6,724.9				
287+58.00	TO 312+50.00	M	54.08	2492.00	14,974.0				
287+58.00	TO 2300+00.00	RT	107.93	1217.84	14,604.9				
296+88.00	TO 312+50.00	LT	153.96	1562.00	26,720.0				
297+23.50	TO 308+75.74	RT	56.43	1152.24	7,224.0				
314+10.00	TO 327+81.00	LT	138.77	1371.00	21,140.0				
314+10.00	TO 335+48.25	M	54.84	2138.25	13,030.0				
314+10.00	TO 328+36.00	RT	97.47	1426.00	15,444.0				
1294+11.00	TO 1313+00.00	LT	66.19	1889.00	13,892.0				
2300+00.00	TO 2310+00.00	LT	176.10	1000.00	19,567.0				
2300+00.00	TO 2315+33.00	RT	87.68	1533.00	14,935.0				
2310+00.00	TO 2315+33.00	LT	104.86	533.00	6,210.0				
5305+30.00	TO 5312+00.00	RT	405.11	670.00	30,158.0				
3314+00.00	TO 335+48.25	RT	222.40	2137.61	52,822.0				
4313+60.00	TO 335+48.25	LT	161.18	2134.30	38,222.0				
73+30.00	TO 78+59.35	RT	52.00	529.35	3,058.5				
73+30.00	TO 79+55.67	LT	13.00	625.67	903.7				
78+59.35	TO 80+00.00	RT	77.75	140.65	1,215.0				
80+52.00	TO 87+00.00	RT	66.76	648.00	4,807.0				
80+78.00	TO 86+84.00	LT	23.70	606.00	1,596.0				
84+13.00	TO 91+81.00	RT	39.41	768.00	3,363.0				
87+10.00	TO 106+79.00	LT	13.27	1969.00	2,903.0				
92+30.00	TO 106+87.00	RT	45.83	1457.00	7,420.0				
107+39.00	TO 117+85.00	RT	13.63	1046.00	1,584.0				
107+33.00	TO 117+85.00	LT	13.60	1052.00	1,590.0				
223+75.00	TO 232+79.00	RT	9.50	904.00	954.2				
223+75.00	TO 226+69.00	LT	12.30	294.00	401.8				
226+69.00	TO 232+77.00	LT	21.61	608.00	1,460.0				
234+10.00	TO 240+34.50	LT	27.53	624.50	1,910.0				
234+18.00	TO 243+95.00	RT	13.50	977.00	1,465.5				
240+34.50	TO 243+95.00	LT	9.24	360.50	370.0				
11+73.00	TO 18+82.70	LT	19.61	709.70	1,546.0				
11+73.00	TO 18+60.00	RT	19.60	687.00	1,496.0				
18+60.00	TO 26+05.00	RT	47.15	745.00	3,903.0				

SUMMARY OF PERFORMANCE TURF-SOD

LOCATION		SIDE	P			F			FIELD BOOK REFERENCE
STA.	TO STA.		L	W	SY	L	W	SY	
18+82.70	TO 26+00.00	LT	17.73	717.30	1,413.0				
26+00.00	TO 35+57.00	LT	26.24	957.00	2,790.0				
26+05.00	TO 33+80.00	RT	74.71	775.00	6,433.0				
POND KP-1							26,499.0		
315+00.00	TO 325+04.65	LT	50.0	1,004.65	5,581.4				
315+00.00	TO 323+00.00	RT	50.0	800.00	4,444.4				
323+00.00	TO 326+00.00	RT	44.0	300.00	1,466.7				
325+04.65	TO 328+64.65	LT	56.0	360.00	2,240.0				
326+00.00	TO 328+36.17	RT	38.0	236.17	997.2				
328+36.17	TO 331+74.97	RT		338.80	2,158.0				
328+64.65	TO 332+89.54	LT		424.89	3,777.4				
332+89.54	TO 335+48.25	LT	62.00	258.71	1,782.2				
331+74.97	TO 335+48.25	RT	50.00	373.28	2,073.8				
5290+15.00	TO 5299+94.00	LT	21.00	979.00	2,284.3				
5299+94.00	TO 5308+78.17	LT	24.50	884.17	2,406.9				
3314+69.10	TO 3328+37.14	LT	24.50	1,368.04	3,724.1				
4314+05.47	TO 4318+25.86	RT	39.50	420.39	1,845.0				
4318+25.86	TO 4325+00.00	RT	38.00	674.14	2,846.4				
4325+00.00	TO 4328+65.99	RT	52.50	365.99	2,134.9				
TOTAL							717,615		

NOTE: SOD FOR DRAINAGE STRUCTURES 2628 SY IS INCLUDED

SUMMARY OF DITCH PAVEMENT AND RIPRAP

LOCATION	SIDE	RIPRAP (SAND CEMENT)		CONCRETE 4" NR		REMARKS	FIELD BOOK REFERENCE
		SY		SY			
		P	F	P	F		
123+03.45	TO 123+76.33	LT		71		SB SR 429	
333+00	TO 336+00	RT		274		SR 429	
361+94.83	TO 362+64	RT		37		SR 429	
S-310		RT		66		NB SR 429	
299+05.77	TO 303+49.39	LT		513		SR 429/RAMP A	
299+99.16	TO 301+31.64	RT		180		SR 429	
DITCH BLOCK PSR	239+80	LT		35		PLYMOUTH-SORRENTO RD.	
OS-403		LT		69		SB SR 429	
DRAINAGE STRUCTURES			138.6				
TOTAL			138.6	1245			

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SUMMARY OF QUANTITIES
SR 429

SHEET NO.

19

PAY ITEM NOTES

ITEM 102-1 MAINTENANCE OF TRAFFIC: ALL MOT ITEMS (TEMPORARY BARRIER WALL, SIGNS, BARRICADES, ATTENUATORS, MARKINGS, ETC.) EXCEPT: VARIABLE MESSAGE SIGN (TEMPORARY) 102-99, ED, 102-71-11A, ARE CONSIDERED INCIDENTAL TO MAINTENANCE OF TRAFFIC, 102-1, LS. ALL NECESSARY TEMPORARY PAVEMENT AND TEMPORARY DRAINAGE AND ALL OFF DUTY LAW ENFORCEMENT OFFICERS REQUIRED FOR, BUT NOT LIMITED TO THE CONSTRUCTION OF THE PROPOSED SIGNAL AT KELLY PARK ROAD AND PLYMOUTH SORRENTO RD ARE ALSO CONSIDERED INCIDENTAL TO MAINTENANCE OF TRAFFIC, 102-1.

ITEM 102-98-2. COST SHALL INCLUDE ROAD CLOSED SIGN (R11-2) INSTALLED PER PLANS.

ITEM 104-20 EROSION AND SEDIMENT CONTROL ALL MATERIALS AND LABOR REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL, INCLUDING, BUT NOT LIMITED TO: SYNTHETIC BALES, FLOATING TURBIDITY BARRIERS, AND SILT FENCES AND THEIR PERIODIC REPLACEMENT ARE CONSIDERED INCIDENTAL TO EROSION AND SEDIMENT CONTROL, 104-20, LS.

ITEM 107-2 INCLUDES MOWING FOR ALL FLAT AND SLOPE AREAS AND SHALL INCLUDE LITTER PICK-UP

ITEM 110-1-1 CLEAR AND GRUB TO THE LIMITS OF CONSTRUCTION. BEYOND THE LIMITS OF CONSTRUCTION, SELECT CLEAR UNDERBRUSH AND TREES TO RIGHT-OF-WAY LINE, AT THE DIRECTION OF THE CEI. IN ADDITION TO THOSE ITEMS CONTAINED IN THE CONTRACT SPECIFICATIONS, THE LUMP SUM PAYMENT SHALL INCLUDE REMOVAL OF ALL EXISTING FLEXIBLE AND RIGID PAVEMENTS, DRAINAGE STRUCTURES, BUILDINGS, BRIDGE STRUCTURES, RETAINING WALLS (MSE AND STEEL SHEET PILE), HOUSES, TRAILERS, CONCRETE STRUCTURES, TRASH, TIRES, FENCING AND UTILITIES WITHIN RIGHT-OF-WAY LIMITS UNLESS NOTED "TO REMAIN", OR NOTED "BY OTHERS" IN THE PLANS. THIS ITEM SHALL ALSO INCLUDE PAYMENT FOR PLUGGING OF ALL WELLS AND REMOVAL OR DEMOLITION OF SEPTIC TANKS, AS REQUIRED BY THE DEPARTMENT OF HEALTH WITHIN THE PROJECT LIMITS. ALSO, ASBESTOS REPORT(S) ARE PROVIDED AND MADE A PART OF THE CONTRACT DOCUMENTS IN ORDER TO PROVIDE THE BIDDER THE INFORMATION NECESSARY TO ABATE THOSE STRUCTURES CONTAINING ASBESTOS PRIOR TO THE REMOVAL OF STRUCTURES AND/OR BUILDINGS WITHIN THE RIGHT-OF-WAY. NO SEPARATE PAYMENT WILL BE MADE FOR ASBESTOS ABATEMENT AS IT IS CONSIDERED INCIDENTAL AND INCLUDED IN THE LUMP SUM PRICE FOR CLEAR AND GRUB.

ITEM 120-6 INCLUDES PLACEMENT AND PAYMENT OF A TOP, 6" FINISH-SOIL LAYER. ALL SOD AREAS, EXCEPT POND BOTTOMS, ARE TO RECEIVE A 6" FINISH SOIL LAYER, PER STANDARD SPECIFICATION 162 WHICH IS CONSIDERED TO BE INCIDENTAL TO CONSTRUCTION OF EMBANKMENT.

ITEM 120-74 TO BE PERFORMED PRIOR TO ANY PERMANENT DRAINAGE, WALL AND BRIDGE CONSTRUCTION. SEE TECHNICAL SPECIFICATION TS 120 REGARDING THE DESCRIPTION, DETAILS, METHOD OF MEASUREMENT AND ESTIMATED SURCHARGE TIMEFRAMES. THE PLACEMENT, SETTLEMENT AND REMOVAL OF THE SURCHARGE MAY AFFECT THE CRITICAL PATH OF CONSTRUCTION. THE PLACEMENT AND REMOVAL OF EMBANKMENT AND SURCHARGE EMBANKMENT PRIOR TO CONSTRUCTION OF MSE WALLS AND BRIDGE ITEMS IS INCLUDED IN THE QUANTITY OF THIS ITEM.

ITEM 285-7XX INCLUDES PRIME COAT

ITEM 337-7- FC AGGREGATE SHALL BE BLACK GRANITE AGGREGATE.

ITEM 339-1, MISCELLANEOUS ASPHALT PAVEMENT PAYMENT WILL BE MADE ON A PER TON BASIS FOR ALL LOCATIONS AND SHALL BE CONSTRUCTED WITH A 2" THICKNESS AND QUANTIFIED AT A SPREAD RATE OF 100 LBS/SQ YD-IN.

ITEM 400-2-4. ALL ITEMS NECESSARY FOR COMPLETE FABRICATION AND INSTALLATION OF STAY-IN-PLACE FORMS, AND CONCRETE REQUIRED TO FILL THE FORM FLUTES, SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE BRIDGE DECK.

ITEM 400-2-10 CLASS II CONCRETE (APPROACH SLABS): INCLUDES GROOVING

ITEM 400-10, BRIDGE AESTHETIC CLADDING PANELS (ARCHITECTURAL). ALL LABOR, SHOP DRAWINGS, ENGINEERING, CAST STONE MEDALLIONS, ATTACHMENTS AND MATERIALS REQUIRED TO FABRICATE, TRANSPORT AND INSTALL THE PRECAST PANELS TO THE PROJECT SITE SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE PANELS.

ITEMS 430-XXX-XXX ALL PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC PER INDEX 280

ITEM 430-173-XXX ALL FITTINGS AND ELBOWS ARE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE PIPE CULVERT BCCMP (ROUND) (GUTTER DRAIN)

ITEM 460-2-2. ALL ITEMS NECESSARY FOR COMPLETE FABRICATION AND INSTALLATION OF ACCESS HATCHES, VENT HOLES AND DRAIN HOLES SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE STEEL BEAMS. ALL TEMPORARY BRACING SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE LUMP SUM STRUCTURAL STEEL.

ITEM 521-XX INCLUDES CLASS 5 APPLIED FINISH COATING TO MATCH STRUCTURE PLANS.

ITEM 521-5-9 CONCRETE TRAFFIC RAILING BARRIER BRIDGES (32" F-SHAPE) (SPECIAL), THE COST OF THE REBARS 5P, 5R, 5V, 5S1 & 5S2, COUPLERS AND CAP SHALL BE INCIDENTAL TO THE COST OF THE TRAFFIC RAILING BARRIER.

SUMMARY OF FENCING

LOCATION STA. TO STA.	SIDE	6' HIGH TYPE B		4' HIGH TYPE B		SPECIAL		FENCE GATE				REMARKS	
		FT		LF		LF		TYPE B (EA) 20' OPENING		SPECIAL (EA) 12' OPENING			
		P	F	P	F	P	F	P	F	P	F		
212+80.13 TO 287+58.62	RT	8010.7											
212+81.93 TO 286+11.38	LT	8557.5											
287+58.62 TO 2314+98.46	RT	2845.5											
286+11.38 TO 1313+35.52	LT	2816.4											
4313+40.85 TO 335+48.55	LT	3081.0											
3331+74.97 TO 335+48.55	RT	2527.6											
BRIDGE @ 286+77.90		122.0							4				
87+41 TO 90+18 KPR	LT	277.0											
280+60 TO 286+70	LT			610.0									
287+84 TO 295+51	LT			767.0									
POND KP-1						2,012				1			
POND FPC-1									1				
KELLY PARK RD INT	RT	32											
TOTAL		28,270		1,377		2,012			5	1			

SUMMARY OF EARTHWORK

DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION		
WEKIVA PARKWAY (SR 429)	125,020	
RAMP A	26,897	
RAMP B	14,293	
RAMP B-1	78,400	
RAMP C	8,428	
RAMP D	1,057	
KELLY PARK ROAD	24,547	
PLYMOUTH SORRENTO ROAD	2,368	
PHILS LANE	1,843	
POND 203-1/FLOODPLAIN COMP.1, 203-2B	70,557	
FC2, 203-3A, 203-3B, 203-3C	90,442	
POND 203-4	160,860	
POND 203-7	46,889	
POND 203-8	135,232	
POND KP-1A & KP-1B	69,745	
TOTAL:	856,578	
SUBSOIL EXCAVATION		
WEKIVA PARKWAY (SR 429)	396	
FC2, 203-3A, 203-3B, 203-3C	5,360	
PHIL'S LANE	640	
TOTAL:	6,396	
EMBANKMENT		
WEKIVA PARKWAY (SR 429)	1,878,796	
RAMP A	82,485	
RAMP B	79,984	
RAMP B-1	24,605	
RAMP C	116,787	
RAMP D	109,333	
KELLY PARK ROAD	725	
PLYMOUTH SORRENTO ROAD	485	
PHILS LANE	16,007	
POND 203-1/FLOODPLAIN COMP.1, 203-2B	13,108	
FC2, 203-3A, 203-3B, 203-3C	904	
POND 203-4	715	
POND 203-7	7,748	
POND 203-8	2,517	
POND KP-1A & KP-1B	1,003	
LESS SELECT EMBANKMENT	(63,796)	
TOTAL:	2,271,506	
(A-3) SELECT EMBANKMENT		
POND 203-2A	21,915	
POND 203-5A	5,980	
POND 203-6	13,602	
POND 203-9A	22,299	
TOTAL:	63,796	
SURCHARGE EMBANKMENT		
	34,037	

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



SUMMARY OF QUANTITIES
SR 429

SHEET NO.

21

PAY ITEM NOTES CONTINUED:

ITEM 530-1 PAYMENT WILL BE MADE ON A SQUARE YARD BASIS WITH 6" THICKNESS FOR ALL LOCATIONS AS SPECIFIED IN THE PLANS, DETAILS & FDOT ROADWAY DESIGN STANDARDS

ITEM 536-85-22 ALL FLARED APPROACH END GUARDRAIL WILL BE SRT-350

ITEM 548-12 RETAINING WALLS SYSTEM (PERMANENT) (EXCLUDING SLEEPER)--ALL EARTHWORK ACTIVITIES (EXCAVATION AND/OR BACKFILL) REQUIRED TO CONSTRUCT THE RETAINING WALL SYSTEM, INCLUDING ANY EARTHWORK ACTIVITIES BELOW EXISTING GRADE SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF RETAINING WALL SYSTEM. ALL ITEMS NECESSARY FOR COMPLETE INSTALLATION OF THE DRAINAGE DITCH (INDEX 280) AND DRAIN, RIP RAP SPLASH PAD SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE RETAINING WALL

ITEM 550-10-XXX ALL FENCE POSTS ARE TO BE SET IN CONCRETE

ITEM 550A-10-929, 550A-60-923 THE TYPE OF FENCE IS DESIGNATED AS FOLLOWS: SPECIAL (MONTAGE PLUS "MAJESTIC" ORNAMENTAL WELDED GALVANIZED STEEL, MANUFACTURED BY AMERISTAR). SEE SPECIAL PROVISIONS

ITEM 603A-100. SEE SECTION 603A OF THE TECHNICAL SPECIFICATIONS FOR REQUIREMENTS

ITEM 630-2-11. ALL CONDUIT, ELBOWS, SWEEPS, CONNECTION HARDWARE, AND TRENCHING AND BACKFILL AS INDICATED IN THE PLANS AND THE DESIGN STANDARDS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE CONDUIT. RESTORING CUT PAVEMENT, SIDEWALKS, SOD ETC. TO ITS ORIGINAL CONDITION SHALL ALSO BE CONSIDERED INCIDENTAL TO CONSTRUCTION. SURFACE MOUNT CONDUIT SHALL BE PAINTED TO MATCH THE MOUNTING SURFACE. CONDUIT DOES NOT HAVE TO BE PAINTED IN THE ENCLOSED BRIDGE END SPANS.

ITEMS 633-121-2 & 633-121-4. SEE SECTION 633 OF THE TECHNICAL SPECIFICATIONS FOR REQUIREMENTS.

ITEMS 635-1-11, 635-1-15 AND 635-1-16. SEE SECTION 635 OF THE TECHNICAL SPECIFICATIONS FOR REQUIREMENTS.

ITEM 635-2-11. PULL BOX COVERS SHALL BE NON-METALLIC EXCEPT FOR PULL BOXES LOCATED WITHIN THE ROADWAY PAVEMENT. FOR PULL BOXES LOCATED WITHIN THE ROADWAY PAVEMENT, PROVIDE A CONCRETE PULL BOX WITH METALLIC COVER CAPABLE OF WITHSTANDING A 16,000 POUND LOAD. A FOUR (4) INCH THICK CONCRETE SLAB SHALL BE PLACED BELOW THE PULL BOX ALONG WITH PEA ROCK AND FILTER FABRIC. THIS MATERIAL SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF PULL BOXES. THE PULL BOX SHALL BE WIRED IN ACCORDANCE WITH THE WIRING DETAIL ON INDEX 17500. THE CONCRETE SLAB AROUND THE PULL BOX PER INDEX 17500 SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.

ITEMS 638-001-0211, 638-001-0911, 638-260-0011, 638-361-0911, 638-461-0914 & 4230-1. SEE SECTION 638 OF THE TECHNICAL SPECIFICATIONS FOR REQUIREMENTS.

ITEMS 638-001-0211, 638-001-0911, 638-260-0011, 638-361-0911, 638-461-0914 & 4230-1. FURNISHING AND INSTALLING AN ADDITIONAL 1" HDPE CONDUIT AS A DUCT FOR THE TONE WIRE SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE FIBER OPTIC CONDUIT, SLEEVES AND/OR OUTER DUCTS. HDPE CONDUIT SHALL BE CONNECTED TO FIBER OPTIC MANHOLES ON BOTH ENDS AND SHALL MEET ALL MATERIAL REQUIREMENTS OF HDPE CONDUIT CONTAINED IN SECTION 638 OF THE TECHNICAL SPECIFICATIONS. TONE WIRE SHALL BE ENCLOSED IN 1" HDPE CONDUIT.

ITEM 639-X-XX. THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE REQUIRED DISCONNECTS AND OTHER COMPONENTS NECESSARY FOR AN ACCEPTABLE INSTALLATION PER THE LATEST DUKE ENERGY STANDARDS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE ELECTRICAL SERVICE DISCONNECT. THE POWER SERVICE DETAILS IN THESE PLANS SHOULD BE CONSIDERED THE MINIMUM REQUIREMENTS AND DO NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO MEET ALL LOCAL REQUIREMENTS FOR A FULLY FUNCTIONAL INSTALLATION (I.E. CIRCUIT BREAKERS, PHOTO CELLS, ETC.) WHICH SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION.

ITEM 639-1-22. EACH POWER SERVICE METER ENCLOSURE SHALL BE CORRECTLY IDENTIFIED ON THE OUTSIDE FRONT BY A NON-FERROUS METAL OR PLASTIC PLATE PER DUKE ENERGY STANDARDS. THE PLATE SHALL BE RIVETED TO THE METER ENCLOSURE.

ITEM 649-31-999. ITEM IS SPECIAL DESIGN MAST ARM, 130 MPH WIND SPEED WITH BACK PLATES, 78' ARM LENGTH WITH LUMINAIRE SEE SHEET T-11 FOR ADDITIONAL DETAILS

ITEM 660-4-10. ALL NECESSARY EQUIPMENT AND WIRING REQUIRED TO OPERATE COMPLETE INTERSECTION AERIAL VIDEO DETECTION (DETECTION CAMERAS AND MOUNTS, PROCESSORS, TRANSFORMER, RACK, PANEL, HARNESSSES, TERMINALS, FOG DETECTORS, SURGE PANEL, ETC.) IS CONSIDERED INCIDENTAL TO PAY ITEM NO. 660-4-10. VIDEO DETECTION USED SHALL BE ITERIS BRAND VANTAGE EDGE 2 (AS ADOPTED BY THE CITY OF APOPKA.) THE CONTRACTOR SHALL HAVE AN ITERIS TECHNICIAN ON SITE DURING INSTALLATION TO ENSURE PROPER INSTALLATION AND SETUP. VIDEO DETECTION RACK SHALL BE SIZED APPROPRIATELY TO ACCOMMODATE ALL NECESSARY HARDWARE.

ITEM 663-1-110. 4-WAY (WHERE APPLICABLE) URBAN AREA PREEMPTION SYSTEM IS CONSIDERED INCIDENTAL TO PAY ITEM NO. 663-1-110. SYSTEM SHALL BE 3M OPTI-COM 500 SERIES PREEMPTION SYSTEM (OR EQUIVALENT) FULLY COMPATIBLE WITH THE EXISTING ORANGE COUNTY PREEMPTION SYSTEM.

ITEM 663-74-1XX. ALL ADDITIONAL COMPONENTS AND ACCESSORIES NECESSARY TO COMPLETE A FULLY FUNCTIONAL INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE DATA COLLECTION SENSORS. THE WIRING DIAGRAMS ARE CONSIDERED THE MINIMUM REQUIRED EQUIPMENT AND DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF COMPLETING A FULLY FUNCTIONAL INSTALLATION. ALL REQUIRED EQUIPMENT NOT PAID FOR BY A SEPARATE PAY ITEM NO. SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM.

ITEM 664-1-XXX SHALL INCLUDE ALL ADDITIONAL COMPONENTS, CABLING, AND ACCESSORIES NECESSARY TO COMPLETE A FULLY FUNCTIONAL TMS INSTALLATION. ANY NEMA ENCLOSURE REQUIRED TO COMPLETE A FULLY FUNCTIONAL TMS INSTALLATION SHALL BE INCIDENTAL TO THIS PAY ITEM. THE WIRING DIAGRAMS ARE CONSIDERED THE MINIMUM REQUIRED EQUIPMENT AND DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF COMPLETING A FULLY FUNCTIONAL INSTALLATION. ALL REQUIRED EQUIPMENT NOT PAID FOR BY A SEPARATE PAY ITEM NO. SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM. INCLUDING THE 4' CANTILEVER ARM AS SHOWN IN THE PLANS. TMS SENSORS SHALL BE MOUNTED PER MANUFACTURER'S USER GUIDE.

ITEM 670-5-111. ALL NECESSARY EQUIPMENT (NOT PAID UNDER 663-1-110) AND TIMINGS SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM NO. 670-5-111. THE CONTRACTOR SHALL CONTACT THE CITY OF APOPKA (JAY DAVOLL, P.E. AT 407-703-1712) FOR SYSTEM REQUIREMENTS AND DETECTOR PLACEMENT BEFORE BIDDING AND INSTALLATION.

ITEM 678-1-111. ALL TRANSFORMERS SHALL BE RATED FOR OUTDOOR USE AND HAVE THE APPROPRIATE LUGS FOR 120, 240 AND 480 SERVICES PER THE POWER SERVICE DETAILS. TRANSFORMERS ARE TO INCLUDE WINDING TAPS (4-2% 2+,-)

ITEM 700-1-50. NEW POSTS, HARDWARE, ETC., IF NEEDED, SHALL BE INCLUDED IN THE COST OF ASSEMBLY RELOCATION.

ITEM 700-4-ABC. SIGN UPRIGHT PAINTING SHALL BE CONSIDERED INCIDENTAL TO COST OF PROPOSED STRUCTURE.

ITEM 700-4-ABCA. INDICATES CANTILEVERS THAT EXCEED 50 FEET IN LENGTH.

PAY ITEM NOTES CONTINUED:

ITEM 700-89-13F. THE DYNAMIC MESSAGE SIGN SYSTEMS (LED) (3 LINE) FOR THIS PROJECT ARE TO BE FURNISHED & INSTALLED AS DESCRIBED IN THE SPECIFICATIONS AND PAID FOR UNDER PAY ITEM 700-89-13F. ELECTRICAL POWERED SIGN (CHANGEABLE - LED). THE PAY ITEM IS TO INCLUDE A POLE MOUNTED MAINTENANCE CABINET, STEP-DOWN TRANSFORMER, GALVANIZED CONDUITS U-CHANNELS FOR MOUNTING ELECTRICAL EQUIPMENT, ELECTRICAL SUPPRESSION DEVICES INCLUDING TRANSIENT VOLTAGE SURGE SUPPRESSION, BREAKER PANELS, WIRING, AND A 6' X 6' CONCRETE PAD (F & I) AS SHOWN HEREIN. PER SECTION 4.4 AND 4.5 OF THE DMS SPECIFICATIONS, THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ETHERNET SWITCHES, AND TERMINAL SERVICE, FIBER OPTIC JUMPER CABLES AS NECESSARY.

ITEM 711-1A-BCD. FOR LOCATIONS THAT REQUIRE THERMOPLASTIC PAVEMENT MARKINGS, PAINT SHALL BE USED FOR THE INITIAL APPLICATION TO ALLOW FOR A 30 DAY CURE TIME. INSTALLATION OF THE FINAL THERMOPLASTIC STRIPING SHALL BE AS DIRECTED BY THE AUTHORITY'S DIRECTOR OF CONSTRUCTION AND THE CEI. COST OF THE INITIAL PAINT APPLICATION SHALL BE INCLUDED IN THE THERMOPLASTIC PAY ITEM.

ITEM 713-1AA-BCD. PREFORMED TAPE SHALL BE 3M COMPANY 380IES OR AUTHORITY APPROVED EQUAL. SEE GENERAL NOTES.

ITEMS 715-1-114, 715-1-115, & 715-1-116. SHALL INCLUDE CONDUCTORS AS INDICATED IN THE PLANS, SPECIFICATIONS, AND THE "ROADWAY AND TRAFFIC DESIGN STANDARDS" PAYMENT SHALL BE MADE BASED ON LINEAR FEET OF SINGLE CONDUCTOR.

ITEM 715-2-115. CONDUIT ELBOWS; SWEEPS, CONNECTING HARDWARE, TRENCHING AND BACK FILL AS INDICATED IN THE PLANS, SPECIFICATIONS, AND THE "DESIGN STANDARDS", RESTORING CUT PAVEMENT, SOD, & ETC. TO ITS ORIGINAL CONDITION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE CONDUIT.

ITEM 715-2-334. THE 1-2" RGS SURFACE MOUNTED CONDUIT WILL HAVE 4 RUNS PER DMS.

ITEMS 715-4-121 AND 715-4-122 SHALL INCLUDE THE CONCRETE SLAB AROUND LIGHT POLE PER INDEX 17500. "COPPER KEEPER" OR EQUIVALENT ANTI-THEFT DEVICES SHALL BE INCLUDED IN THE COST AS WELL FOR EACH LIGHT POLE COMPLETE. THE POLE, DAVIT ARM, LUMINAIRE WITH LAMP, ANCHOR BOLTS WITH LOCK NUTS AND WASHERS, FRANGIBLE TRANSFORMER BASES AND STANDARD FOUNDATIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF ITEMS 715-4-121 AND 715-4-122.

ITEM 715-7-11. SHALL INCLUDE NEMA 3R SAFETY SWITCH ON THE LINE SIDE OF THE METER, METER BASE, DISCONNECT SWITCH, SERVICE POLE INSULATORS, WEATHERHEADS, 480-120V CONTROL POWER TRANSFORMERS, FUSES, LIGHTING PROTECTION ON THE OUTSIDE OF ENCLOSURE, ENCLOSURES, PANEL BOARDS, PHOTO-ELECTRIC ASSEMBLY, BREAKERS, CONDUIT AND FEEDER CONDUCTORS FROM POWER COMPANY POINT OF SERVICE TO LOAD CENTER, PULL BOX, AND ALL MISCELLANEOUS HARDWARE FOR A COMPLETE INSTALLATION AS PER THE PLANS AND STANDARD INDEX NO. 17504. FURNISHING AND INSTALLING TYPE P-11 CONCRETE POLE AND ALL FEES FOR INSPECTION OF CONNECTION OF THE ELECTRICAL SERVICE SHALL BE CONSIDERED INCIDENTAL TO FURNISHING AND INSTALLING THE LOAD CENTERS. CABINET AND EXPOSED CONDUIT SHALL BE PAINTED THE SAME AS THE LIGHT POLES.

ITEM 715-11-126. ALL ITEMS NECESSARY FOR COMPLETE INSTALLATION INCLUDING SURFACE MOUNT JUNCTION BOXES, AS SHOWN ON SHEETS L-25 AND L-26 SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE UNDERDECK LUMINAIRES

ITEMS 715-500-1 AND 715-500-3: POLE CABLE DISTRIBUTION SYSTEMS SHALL BE INSTALLED IN ALL PULL BOXES LOCATED ADJACENT TO ALL PROPOSED POLES. POLE CABLE DISTRIBUTION SYSTEM SHALL BE MANUFACTURED BY DURALINE OR A CFX APPROVED EQUIVALENT.

ITEM 735-73. ARCHITECTURAL WORK (INC. MISC. ITEMS). ALL MISCELLANEOUS ITEMS REQUIRED TO ERECT AND INSTALL THE PRECAST PANELS ON THE BRIDGE AS SHOWN ON THE PLANS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND INCLUDE ALL MATERIALS (INCLUDING ALL TEMPORARY SUPPORTS), LABOR, AND ALL MISCELLANEOUS ITEMS REQUIRED TO COMPLETE THIS WORK.

ITEM 1050-XX-XXX. UTILITY PIPE, F&I, STEEL, CASING / CONDUIT, 20.0-49.9", LF: SPACER RINGS, GROUTING THE ANNULAR ENDS, AND INSTALLING THE RCP OR BCCMP SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION. THE CONTRACTOR SHALL FURNISH SHOP DRAWINGS SHOWING MEANS AND METHODS TO INSTALL THE RCP OR BCCMP IN THE STEEL CASING PIPE. THE STEEL CASING PIPE SHALL CONFORM WITH MATERIALS AND CONSTRUCTION REQUIREMENTS OF SECTION 556-2.1, EXCEPT THAT THE INSTALLATION SHALL BE CUT AND COVER.

ITEMS 4210-11 & 4210-12. SEE SECTION 636 OF THE TECHNICAL SPECIFICATION FOR REQUIREMENTS. THE CONTRACTOR SHALL INCLUDE STUBOUTS AT ALL INSTALLED MANHOLES.

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	SUMMARY OF QUANTITIES		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.		SR 429		21A
							SR 429	429-203	SR 429		21A	

PAY ITEM NOTES CONTINUED:

ITEM 530-1 PAYMENT WILL BE MADE ON A SQUARE YARD BASIS WITH 6" THICKNESS FOR ALL LOCATIONS AS SPECIFIED IN THE PLANS, DETAILS & FDOT ROADWAY DESIGN STANDARDS

ITEM 536-85-22 ALL FLARED APPROACH END GUARDRAIL WILL BE SRT-350

ITEM 548-12 RETAINING WALLS SYSTEM (PERMANENT) (EXCLUDING SLEEPER)--ALL EARTHWORK ACTIVITIES (EXCAVATION AND/OR BACKFILL) REQUIRED TO CONSTRUCT THERETAINING WALL SYSTEM, INCLUDING ANY EARTHWORK ACTIVITIES BELOW EXISTING GRADE SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF RETAINING WALL SYSTEM. ALL ITEMS NECESSARY FOR COMPLETE INSTALLATION OF THE DRAINAGE DITCH (INDEX 280) AND DRAIN, RIP RAP SPLASH PAD SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE RETAINING WALL

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ITEM 550A-10-929, 550A-60-923 THE TYPE OF FENCE IS DESIGNATED AS FOLLOWS: SPECIAL (MONTAGE PLUS "MAJESTIC" ORNAMENTAL WELDED GALVANIZED STEEL, MANUFACTURED BY AMERISTAR). SEE SPECIAL PROVISIONS

ITEM 603A-100. SEE SECTION 603A OF THE TECHNICAL SPECIFICATIONS FOR REQUIREMENTS

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ITEMS 633-121-2 & 633-121-4. SEE SECTION 633 OF THE TECHNICAL SPECIFICATIONS FOR REQUIREMENTS.

ITEMS 635-1-11, 635-1-15 AND 635-1-16. SEE SECTION 635 OF THE TECHNICAL SPECIFICATIONS FOR REQUIREMENTS.

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ITEM 639-1-22. EACH POWER SERVICE METER ENCLOSURE SHALL BE CORRECTLY IDENTIFIED ON THE OUTSIDE FRONT BY A NON-FERROUS METAL OR PLASTIC PLATE PER DUKE ENERGY STANDARDS. THE PLATE SHALL BE RIVETED TO THE METER ENCLOSURE.

ITEM 649-31-999. ITEM IS SPECIAL DESIGN MAST ARM, 130 MPH WIND SPEED WITH BACK PLATES, 78' ARM LENGTH WITH LUMINAIRE SEE SHEET T-11 FOR ADDITIONAL DETAILS

ITEM 660-4-10. ALL NECESSARY EQUIPMENT AND WIRING REQUIRED TO OPERATE COMPLETE INTERSECTION AERIAL VIDEO DETECTION (DETECTION CAMERAS AND MOUNTS, PROCESSORS, TRANSFORMER, RACK, PANEL, HARNESSSES, TERMINALS, FOG DETECTORS, SURGE PANEL, ETC.) IS CONSIDERED INCIDENTAL TO PAY ITEM NO. 660-4-10. VIDEO DETECTION USED SHALL BE ITERIS BRAND VANTAGE EDGE 2 (AS ADOPTED BY THE CITY OF APOPKA.) THE CONTRACTOR SHALL HAVE AN ITERIS TECHNICIAN ON SITE DURING INSTALLATION TO ENSURE PROPER INSTALLATION AND SETUP. VIDEO DETECTION RACK SHALL BE SIZED APPROPRIATELY TO ACCOMMODATE ALL NECESSARY HARDWARE.

ITEM 663-1-110. 4-WAY (WHERE APPLICABLE) URBAN AREA PREEMPTION SYSTEM IS CONSIDERED INCIDENTAL TO PAY ITEM NO. 663-1-110. SYSTEM SHALL BE 3M OPTI-COM 500 SERIES PREEMPTION SYSTEM (OR EQUIVALENT) FULLY COMPATIBLE WITH THE EXISTING ORANGE COUNTY PREEMPTION SYSTEM.

ITEM 663-74-1XX. ALL ADDITIONAL COMPONENTS AND ACCESSORIES NECESSARY TO COMPLETE A FULLY FUNCTIONAL INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE DATA COLLECTION SENSORS. THE WIRING DIAGRAMS ARE CONSIDERED THE MINIMUM REQUIRED EQUIPMENT AN DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF COMPLETING A FULLY FUNCTIONAL INSTALLATION. ALL REQUIRED EQUIPMENT NOT PAID FOR BY A SEPARATE PAY ITEM NO. SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM.

ITEM 664-1-XXX SHALL INCLUDE ALL ADDITIONAL COMPONENTS, CABLING, AND ACCESSORIES NECESSARY TO COMPLETE A FULLY FUNCTIONAL TMS INSTALLATION. ANY NEMA ENCLOSURE REQUIRED TO COMPLETE A FULLY FUNCTIONAL TMS INSTALLATION SHALL BE INCIDENTAL TO THIS PAY ITEM. THE WIRING DIAGRAMS ARE CONSIDERED THE MINIMUM REQUIRED EQUIPMENT AND DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF COMPLETING A FULL FUNCTIONAL INSTALLATION. ALL REQUIRED EQUIPMENT NOT PAID FOR BY A SEPARATE PAY ITEM NO. SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM. INCLUDING THE 4' CANTILEVER ARM AS SHOWN IN THE PLANS. TMS SENSORS SHALL BE MOUNTED PER MANUFACTURER'S USER GUIDE.

ITEM 670-5-111. ALL NECESSARY EQUIPMENT (NOT PAID UNDER 663-1-110) AND TIMINGS SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM NO. 670-5-111. THE CONTRACTOR SHALL CONTACT THE CITY OF APOPKA (JAY DAVOLL, P.E. AT 407-703-1712) FOR SYSTEM REQUIREMENTS AND DETECTOR PLACEMENT BEFORE BIDDING AND INSTALLATION.

ITEM 678-1-111. ALL TRANSFORMERS SHALL BE RATED FOR OUTDOOR USE AND HAVE THE APPROPRIATE LUGS FOR 120, 240 AND 480 SERVICES PER THE POWER SERVICE DETAILS. TRANSFORMERS ARE TO INCLUDE WINDING TAPS (4-2% 2+,-)

ITEM 700-1-50. NEW POSTS, HARDWARE, ETC., IF NEEDED, SHALL BE INCLUDED IN THE COST OF ASSEMBLY RELOCATION.

ITEM 700-4-ABC. SIGN UPRIGHT PAINTING SHALL BE CONSIDERED INCIDENTAL TO COST OF PROPOSED STRUCTURE.

ITEM 700-4-ABCA. INDICATES CANTILEVERS THAT EXCEED 50 FEET IN LENGTH.

PAY ITEM NOTES CONTINUED:

ITEM 700-89-13F. THE DYNAMIC MESSAGE SIGN SYSTEMS (LED) (3 LINE) FOR THIS PROJECT ARE TO BE FURNISHED & INSTALLED AS DESCRIBED IN THE SPECIFICATIONS AND PAID FOR UNDER PAY ITEM 700-89-13F, ELECTRICAL POWERED SIGN (CHANGEABLE - LED). THE PAY ITEM IS TO INCLUDE A POLE MOUNTED MAINTENANCE CABINET, STEP-DOWN TRANSFORMER, GALVANIZED CONDUITS U-CHANNELS FOR MOUNTING ELECTRICAL EQUIPMENT, ELECTRICAL SUPPRESSION DEVICES INCLUDING TRANSIENT VOLTAGE SURGE SUPPRESSION, BREAKER PANELS, WIRING, AND A 6' X 6' CONCRETE PAD (F & I) AS SHOWN HEREIN. PER SECTION 4.4 AND 4.5 OF THE DMS SPECIFICATIONS, THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ETHERNET SWITCHES, AND TERMINAL SERVICE, FIBER OPTIC JUMPER CABLES AS NECESSARY.

ITEM 711-1A-BCD. FOR LOCATIONS THAT REQUIRE THERMOPLASTIC PAVEMENT MARKINGS, PAINT SHALL BE USED FOR THE INITIAL APPLICATION TO ALLOW FOR A 30 DAY CURE TIME. INSTALLATION OF THE FINAL THERMOPLASTIC STRIPING SHALL BE AS DIRECTED BY THE AUTHORITY'S DIRECTOR OF CONSTRUCTION AND THE CEI. COST OF THE INITIAL PAINT APPLICATION SHALL BE INCLUDED IN THE THERMOPLASTIC PAY ITEM.

ITEM 713-1AA-BCD. PREFORMED TAPE SHALL BE 3M COMPANY 380IES OR AUTHORITY APPROVED EQUAL. SEE GENERAL NOTES.

ITEMS 715-1-114, 715-1-115, & 715-1-116. SHALL INCLUDE CONDUCTORS AS INDICATED IN THE PLANS, SPECIFICATIONS, AND THE "ROADWAY AND TRAFFIC DESIGN STANDARDS" PAYMENT SHALL BE MADE BASED ON LINEAR FEET OF SINGLE CONDUCTOR.

ITEM 715-2-115. CONDUIT ELBOWS; SWEEPS, CONNECTING HARDWARE, TRENCHING AND BACK FILL AS INDICATED IN THE PLANS, SPECIFICATIONS, AND THE "DESIGN STANDARDS", RESTORING CUT PAVEMENT, SOD, & ETC. TO ITS ORIGINAL CONDITION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE CONDUIT.

ITEM 715-2-334. THE 1-2" RGS SURFACE MOUNTED CONDUIT WILL HAVE 4 RUNS PER DMS.

ITEMS 715-4-121 & 715-4-122. THE CONCRETE SLAB AROUND THE LIGHT POLE PER INDEX 17500 AND "COPPER KEEPER" OR AUTHORITY APPROVED EQUAL ANTI-THEFT DEVICES SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE LIGHT POLES.

ITEM 715-7-11. SHALL INCLUDE NEMA 3R SAFETY SWITCH ON THE LINE SIDE OF THE METER, METER BASE, DISCONNECT SWITCH, SERVICE POLE INSULATORS, WEATHERHEADS, 480-120V CONTROL POWER TRANSFORMERS, FUSES, LIGHTING PROTECTION ON THE OUTSIDE OF ENCLOSURE, ENCLOSURES, PANEL BOARDS, PHOTO-ELECTRIC ASSEMBLY, BREAKERS, CONDUIT AND FEEDER CONDUCTORS FROM POWER COMPANY POINT OF SERVICE TO LOAD CENTER, PULL BOX, AND ALL MISCELLANEOUS HARDWARE FOR A COMPLETE INSTALLATION AS PER THE PLANS AND STANDARD INDEX NO. 17504. FURNISHING AND INSTALLING TYPE P-11 CONCRETE POLE AND ALL FEES FOR INSPECTION OF CONNECTION OF THE ELECTRICAL SERVICE SHALL BE CONSIDERED INCIDENTAL TO FURNISHING AND INSTALLING THE LOAD CENTERS. CABINET AND EXPOSED CONDUIT SHALL BE PAINTED THE SAME AS THE LIGHT POLES.

ITEM 715-11-126. ALL ITEMS NECESSARY FOR COMPLETE INSTALLATION INCLUDING SURFACE MOUNT JUNCTION BOXES, AS SHOWN ON SHEETS L-25 AND L-26 SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE UNDERDECK LUMINAIRE


ITEM 735-73. ARCHITECTURAL WORK (INC. MISC. ITEMS), ALL MISCELLANEOUS ITEMS REQUIRED TO ERECT AND INSTALL THE PRECAST PANELS ON THE BRIDGE AS SHOWN ON THE PLANS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND INCLUDE ALL MATERIALS (INCLUDING ALL TEMPORARY SUPPORTS), LABOR, AND ALL MISCELLANEOUS ITEMS REQUIRED TO COMPLETE THIS WORK.

ITEM 1050-XX-XXX UTILITY PIPE, F&I, STEEL CASING / CONDUIT, 20.0-49.9". LF: SPACER RINGS, GROUTING THE ANNULAR ENDS, AND INSTALLING THE RCP OR BCCMP SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION. THE CONTRACTOR SHALL FURNISH SHOP DRAWINGS SHOWING MEANS AND METHODS TO INSTALL THE RCP OR BCCMP IN THE STEEL CASING PIPE. THE STEEL CASING PIPE SHALL CONFORM WITH MATERIALS AND CONSTRUCTION REQUIREMENTS OF SECTION 556-2.1, EXCEPT THAT THE INSTALLATION SHALL BE CUT AND COVER.

ITEMS 4210-11 & 4210-12. SEE SECTION 636 OF THE TECHNICAL SPECIFICATION FOR REQUIREMENTS. THE CONTRACTOR SHALL INCLUDE STUBOUTS AT ALL INSTALLED MANHOLES.

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			SUMMARY OF QUANTITIES		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.		SR 429		21A
							SR 429	429-203		SR 429		21A


QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM SEWER PIPE										GUTTER DRAIN BCCMP		MANHOLES						BARRIER WALL INLET		DITCH BOTTOM INLETS											
						ROUND SHAPE					OTHER			STEEL CASING																							
						18"	24"	30"	36"	42"	14"x23"	19"x30"	34"x53"	30"	38"	18"	24"	P-8		P-7	J-7	J-7 SPECIAL	J-8		218		A	B		^B J-BOT	C	D	D MOD.				
																		<10'	>10'	<10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	<10'	>10'	<10'	<10'	>10'	<10'	<10'	>10'		
P	S-201	328+04.42	RT	Inlet, Pipe	1	98																															
F																																					
P	S-202	328+60	RT	Inlet, Pipe	1	152																															
F																																					
P	S-203	329+04.97	RT	Inlet, Pipe	1	108																															
F																																					
P	S-204	129+40	LT	Inlet, Pipe	1	17																1															
F																																					
P	S-205	129+60	LT	Inlet, Pipe	1	177																1															
F																																					
P	S-206	330+15.04	LT	Manhole, Pipe	1		27										1																				
F																																					
P	S-207	330+15.04	RT	Inlet, Pipe	1	13																															
F																																					
P	S-208	330+15.04	RT	Inlet, Pipe	1	40																															
F																																					
P	S-209	330+27.50	LT	U-Endwall	1																																
F																																					
P	S-210	331+40	RT	Inlet, Pipe	1	123																															
F																																					
P	S-211	331+40	RT	Inlet, Pipe	1	123																															
F																																					
P	S-212	131+40	LT	Inlet, Pipe	1	126																															
F																																					
P	S-213	132+69.01	LT	Inlet, Pipe	1		90																														
F																																					
P	S-214	132+69.01	RT	U-Endwall	1																																
F																																					
P	S-215	333+07.21	RT	Inlet, Pipe	1	164																															
F																																					
P	S-216	333+07.21	RT	Inlet, Pipe	1	40																															
F																																					
P	S-217	133+75	LT	Inlet, Pipe	1	102																															
F																																					
P	S-218	335+08.33	RT	Inlet, Pipe	1	198																															
F																																					
Sheet Summary					P Total	1481	117	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
F Total																																					

REVISIONS						CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794		CENTRAL FLORIDA EXPRESSWAY AUTHORITY			SUMMARY OF DRAINAGE STRUCTURES		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	PROJECT NO.				23
								SR 429	429-203				

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	DITCH BOTTOM INLETS						GUTTER INLET						CROSS DRAIN MITERED END SECTION						STRAIGHT CONC. ENDWALL	U-TYPE CONC. ENDWALLS			PERF. TURF (SOD)	CLASS I CONCRETE	RIP-RAP SAND CEMENT	REMARKS				
						H-MOD	E	G	S-P		S-J		V-P		1:4		1:2	1:4		W/BAFFLES															
									>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	36"	42"	24"	14"x23"		19"x30"	24"	18"					24"	24"		
						>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	36"	42"	24"	14"x23"	19"x30"	24"	18"		24"	24"	1:3					1:6	1:4	SY	CY
P	S-201	328+04.42	RT	Inlet, Pipe	1				1																										
F																																			
P	S-202	328+60	RT	Inlet, Pipe	1				1																										
F																																			
P	S-203	329+04.97	RT	Inlet, Pipe	1				1																										
F																																			
P	S-204	129+40	LT	Inlet, Pipe	1																														
F																																			
P	S-205	129+60	LT	Inlet, Pipe	1																														
F																																			
P	S-206	330+15.04	LT	Manhole, Pipe	1																														
F																																			
P	S-207	330+15.04	RT	Inlet, Pipe	1				1																										
F																																			
P	S-208	330+15.04	RT	Inlet, Pipe	1				1																										
F																																			
P	S-209	330+27.50	LT	U-Endwall	1																	1				21								1:4 ENDWALL	
F																																			
P	S-210	331+40	RT	Inlet, Pipe	1				1																										
F																																			
P	S-211	331+40	RT	Inlet, Pipe	1				1																										
F																																			
P	S-212	131+40	LT	Inlet, Pipe	1				1																										
F																																			
P	S-213	132+69.01	LT	Inlet, Pipe	1				1																										
F																																			
P	S-214	132+69.01	RT	U-Endwall	1																	1				21								1:4 ENDWALL	
F																																			
P	S-215	333+07.21	RT	Inlet, Pipe	1				1																										
F																																			
P	S-216	333+07.21	RT	Inlet, Pipe	1				1																										
F																																			
P	S-217	133+75	LT	Inlet, Pipe	1				1																										
F																																			
P	S-218	335+08.33	RT	Inlet, Pipe	1				1																										
F																																			
Sheet Summary					P Total	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	42	0	0								
					F Total																														

REVISIONS						CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	SUMMARY OF DRAINAGE STRUCTURES		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.				23A
							SR 429	429-203				
						psand	3/25/2015	6:02:36 AM	S:\EA11_Wekiva_Pkwy_00CEA\SR_429\drainage\SUMDRD01.DGN			

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM SEWER PIPE						GUTTER DRAIN BCCMP	MANHOLES						BARRIER WALL INLET	DITCH BOTTOM INLETS																					
						ROUND SHAPE					OTHER			STEEL CASING		P-8		P-7		J-7		J-7 SPECIAL		J-8		218		A		B		B J-BOT		C		D		D MOD.			
						18"	24"	30"	36"	42"	14"x23"		19"x30"	34"x53"	30"	38"	18"	24"		<10'	>10'	<10'	<10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	<10'	<10'	>10'	<10'	<10'	<10'	>10'	<10'	>10'		
P	S-219	135+00	LT	Inlet, Pipe	1	122																																			
F																																									
P	S-220	337+00	LT	MES	1																																				
F																																									
P	S-221	337+00	RT	Inlet, Pipe	1	50																																			
F																																									
P	S-222	337+00	RT	DBI, Pipe	1	64																												1							
F																																									
P	S-223	136+69.97	LT	Inlet, Pipe	1	166																																			
F																																									
P	S-224	138+65.93	LT	Manhole, Pipe	1	11										1																									
F																																									
P	S-225	138+66.89	LT	Inlet, Pipe	1	193																																			
F																																									
P	S-226	140+67.25	LT	DBI, Pipe	1	197																												1							
F																																									
P	S-227 To S-229			NOT USED																																					
F																																									
P	S-230	245+60.5	LT	MES	1																																				
F																																									
P	S-231	247+00	LT	Inlet, Pipe	1					145																								1							
F																																									
P	S-300	342+10.59	RT	Inlet, Pipe	1	147																																			
F																																									
P	S-300A	341+10.59	RT	Inlet, Pipe	1	98																																			
F																																									
P	S-301	343+60.59	RT	Inlet, Pipe	1	147																																			
F																																									
P	S-302	345+11.07	RT	Inlet, Pipe	1	197																																			
F																																									
P	S-303	347+11.95	RT	Inlet, Pipe	1		139																																		
F																																									
P	S-304	347+84.71	RT	MES	1																																				
F																																									
P	S-305	349+66.3	RT	MES	1																																				
F																																									
P	S-306	350+14.33	RT	DBI, Pipe	1	110																													1						
F																																									
Sheet Summary					P Total	1502	139	0	0	0	145	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0					
					F Total																																0				

		REVISIONS						CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			SUMMARY OF DRAINAGE STRUCTURES		SHEET NO. 24
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	PROJECT NO.							
						SR 429	429-203							

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	DITCH BOTTOM INLETS		GUTTER INLET					CROSS DRAIN MITERED END SECTION						STRAIGHT CONC. ENDWALL	U-TYPE CONC. ENDWALLS			PERF. TURF (SOD)	CLASS I CONCRETE	RIP-RAP SAND CEMENT	REMARKS				
						H-MOD	E	G	S-P		S-J		V-P		1:4		1:2	1:4		W/BAFFLES										
									>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	18"		24"	36"	42"					24"	14"x23"	19"x30"	24"
						>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	36"	42"		24"	14"x23"	19"x30"					24"	18"	24"	24"
P	S-307	353+07.61	LT	DBI, Pipe	1																	14				TRAV. SLOT.				
F																														
P	S-308	353+16.39	RT	DBI, Pipe	1																	14				TRAV. SLOT.				
F																														
P	S-309	256+00	RT	MES, Pipe	1																	27				FRIABLE BASE				
F																														
P	S-310	256+20	RT	MES, Pipe	1																	27								
F																														
P	S-311	256+02.07	RT	MES	2																	32				DBL BARREL				
F																										FRIABLE BASE				
P	S-400	263+00	LT	MES	1																	28								
F																														
P	S-401	263+00	LT	DBI, Pipe	1																	19				TRAV. SLOT (DBL)				
F																														
P	S-402	263+00	RT	DBI, Pipe	1																	19				TRAV. SLOT (DBL)				
F																														
P	S-403	263+00	RT	DBI, Pipe	1																	14				TRAV. SLOT.				
F																														
P	S-404	167+80.6	LT	MES	1																	25								
F																														
P	S-405	167+78.78	LT	Inlet, Pipe	1																									
F																														
P	S-406	167+79.5	RT	DBI, Pipe	1																	14				TRAV. SLOT.				
F																														
P	S-407	169+79.53	LT	Inlet, Pipe	1																									
F																														
P	S-408 To S-409			Not Used																										
F																														
P	S-410	273+10.1	LT	MES	1																	28				22.3				
F																														
P	S-411	173+10.48	LT	Inlet, Pipe	1																					CLASS III PIPE				
F																														
P	S-412	273+30	RT	DBI, Pipe	1																	14				TRAV. SLOT.				
F																														
P	S-413	373+10.62	RT	Inlet, Pipe	1																									
F																														
Sheet Summary					P Total	0	0	0	2	2	0	0	0	0	1	2	0	0	0	0	4	0	0	0	0	275	0	22.3		
					F Total																									

REVISIONS						CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	SUMMARY OF DRAINAGE STRUCTURES	SHEET NO. 25A
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	DITCH BOTTOM INLETS			GUTTER INLET					CROSS DRAIN MITERED END SECTION							STRAIGHT CONC. ENDWALL	U-TYPE CONC. ENDWALLS			PERF. TURF (SOD)	CLASS I CONCRETE	RIP-RAP SAND CEMENT	REMARKS				
						H-MOD	E	G	S-P		S-J		V-P		ROUND				OTHER			W/BAFFLES										
									>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	36"		42"	24"	14" x 23"					19" x 30"	18"	24"	24"
						1:4		1:2		1:4			24"			1:3	1:6	1:4	SY	CY		SY										
P	S-506	295+00	LT	Inlet, Pipe	1				1																							
F																																
P	S-507	295+00	RT	Inlet, Pipe	1				1																							
F																																
P	S-508	1296+00.92	LT	Inlet, Pipe	1				1																							
F																																
P	S-508A	1296+55	LT	Inlet, Pipe	1				1																							
F																																
P	S-509	2297+00	RT	Inlet, Pipe	1				1																							
F																																
P	S-510	1296+80	LT	MES	1										1																	25
F																																
P	S-511	2297+95	RT	MES	1										1																	25
F																																
P	S-520	302+50	LT	Inlet, Pipe	1				1																							
F																																
P	S-521	302+50	RT	Inlet, Pipe	1				1																							
F																																
P	S-522	304+00	LT	Inlet, Pipe	1				1																							
F																																
P	S-523	304+00	RT	Inlet, Pipe	1				1																							
F																																
P	S-524			NOT USED																												
F																																
P	S-525	304+78.3	LT	Inlet, Pipe	1				1																							
F																																
P	S-526	304+78.3	CL	DBI, Pipe	1																											19
F																																TRAV. SLOT (DBL)
P	S-527	304+78.3	RT	Inlet, Pipe	1				1																							
F																																
P	S-528	304+78.3	RT	U-Endwall	1																				1							21
F																																1:4 ENDWALL
P	S-529	306+40	LT	Inlet, Pipe	1				1																							
F																																
P	S-530	306+40	RT	Inlet, Pipe	1				1																							
F																																
P	S-531	308+40	LT	Inlet, Pipe	1				1																							
F																																
Sheet Summary					P Total	0	0	0	13	1	0	0	0	0	2	0	0	0	0	0	0	0	0	1	90	0	0					
					F Total																											

REVISIONS						CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY <small>ROAD NO. PROJECT NO.</small> SR 429 429-203		<h2>SUMMARY OF DRAINAGE STRUCTURES</h2>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					27A

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM SEWER PIPE						GUTTER DRAIN BCCMP		MANHOLES						BARRIER WALL INLET		DITCH BOTTOM INLETS												
						ROUND SHAPE					OTHER																	STEEL CASING						
						18"	24"	30"	36"	42"	14"x23"	19"x30"	34"x53"	30"	38"	18"	24"	P-8		P-7	J-7	J-7 SPECIAL	J-8	218		A	B		B J-BOT	C	D	D MOD.		
<10'	>10'	<10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	<10'	>10'	<10'	<10'	>10'	<10'	<10'	>10'							
P	S-532	308+40	RT	Inlet, Pipe	1	197																												
F																																		
P	S-533	309+01.86	RT	Inlet, Pipe	1	63																												
F																																		
P	S-534	310+00.08	RT	Inlet, Pipe	1	96																												
F																																		
P	S-535	311+00	LT	Inlet, Pipe	1	257																												
F																																		
P	S-536	311+00	RT	Inlet, Pipe	1	97																												
F																																		
P	S-600	314+75	LT	Inlet, Pipe	1	222																												
F																																		
P	S-601	314+75	RT	Inlet, Pipe	1	222																												
F																																		
P	S-602	317+00	LT	Inlet, Pipe	1	197																												
F																																		
P	S-603	317+00	RT	Inlet, Pipe	1	197																												
F																																		
P	S-604	319+00	LT	Inlet, Pipe	1	203																												
F																																		
P	S-605	319+00	RT	Inlet, Pipe	1	177																												
F																																		
P	S-606			NOT USED																														
F																																		
P	S-607	320+80	RT	Inlet, Pipe	1	22																												
F																																		
P	S-608	320+56.8	LT	MES	1																													
F																																		
P	S-609	321+05	LT	Manhole, Pipe	1		62																											
F																																		
P	S-610	321+05	LT	Inlet, Pipe	1										83																			
F																																		
P	S-611	321+05	CL	DBI, Pipe	1	75																					1							
F																																		
P	S-612	321+05	RT	Inlet, Pipe	1										81																			
F																																		
Sheet Summary					P Total	2025	62	0	0	0	0	0	0	81	83	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
					F Total																													

REVISIONS						CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794		CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. PROJECT NO. SR 429 429-203			SUMMARY OF DRAINAGE STRUCTURES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							
										28		

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM SEWER PIPE						GUTTER DRAIN BCCMP		MANHOLES						BARRIER WALL INLET		DITCH BOTTOM INLETS														
						ROUND SHAPE					OTHER			STEEL CASING																						
						18"	24"	30"	36"	42"	14"x23"	19"x30"	34"x53"	30"	38"	18"	24"	P-8		P-7	J-7	J-7 SPECIAL	J-8		218		A		B		C	D	D MOD.			
																		<10'	>10'				<10'	<10'	<10'	>10'	<10'	>10'	<10'	<10'			>10'	<10'	<10'	>10'
P	S-613	321+05	RT	Endwall	1																															
F																																				
P	S-614	323+00	LT	Inlet, Pipe	1	193																														
F																																				
P	S-615	323+70	LT	Inlet, Pipe	1	68																														
F																																				
P	S-700	4325+08	LT	MES	1																															
F																																				
P	S-701	4325+08	LT	Inlet, Pipe	1				126																											
F																																				
P	S-702	327+75	LT	Inlet, Pipe	1	43																														
F																																				
P	S-703	4328+00	LT	Inlet, Pipe	1				287																											
F																																				
P	S-703A	4329+00	LT	Inlet, Pipe	1				97																											
F																																				
P	S-704A	4331+00	LT	Inlet, Pipe	1	97																														
F																																				
P	S-704B	4331+80	LT	Inlet, Pipe	1	78																														
F																																				
P	S-704	4330+00	LT	Inlet, Pipe	1				97																											
F																																				
P	S-705	331+00	LT	DBI, Pipe	1				102																											
F																																				
P	S-706	332+25	LT	DBI, Pipe	1				121																											
F																																				
P	S-707	332+25	CL	DBI, Pipe	1			133																												
F																																				
P	S-708	332+25	RT	DBI, Pipe	1			98																												
F																																				
P	S-709	333+00	CL	DBI, Pipe	1		71																													
F																																				
P	S-710	333+00	RT	DBI, Pipe	1		71																													
F																																				
P	OS-800	328+00	LT	DBI, Pipe	1		268																													
F																																				
Sheet Summary						P Total	F Total																													
						479	410	0	231	830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0

REVISIONS						CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. SR 429 PROJECT NO. 429-203		SUMMARY OF DRAINAGE STRUCTURES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					29

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	DITCH BOTTOM INLETS						GUTTER INLET						CROSS DRAIN MITERED END SECTION						STRAIGHT CONC. ENDWALL	U-TYPE CONC. ENDWALLS			PERF. TURF (SOD)	CLASS I CONCRETE	RIP-RAP SAND CEMENT	REMARKS
						H-MOD		E	G	S-P		S-J		V-P		1:4			1:2	1:4		W/BAFFLES									
						>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	36"	42"	24"	14"x23"	19"x30"	18"	24"		24"						
						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1					
P	S-613	321+05	RT	Endwall	1																1			17			8.4	1:3 ENDWALL			
F																															
P	S-614	323+00	LT	Inlet, Pipe	1				1																						
F																															
P	S-615	323+70	LT	Inlet, Pipe	1				1																						
F																															
P	S-700	4325+08	LT	MES	1								1											38							
F																															
P	S-701	4325+08	LT	Inlet, Pipe	1					1																			ALT. B (5'x5')		
F																															
P	S-702	327+75	LT	Inlet, Pipe	1						1																				
F																															
P	S-703	4328+00	LT	Inlet, Pipe	1					1																			ALT. B (5'x3.5')		
F																															
P	S-703A	4329+00	LT	Inlet, Pipe	1					1																			ALT. B (5'x3.5')		
F																															
P	S-704A	4331+00	LT	Inlet, Pipe	1				1																						
F																															
P	S-704B	4331+80	LT	Inlet, Pipe	1				1																						
F																															
P	S-704	4330+00	LT	Inlet, Pipe	1					1																			ALT. B (5'x3.5')		
F																															
P	S-705	331+00	LT	DBI, Pipe	1			1																10					W/ PAVT.		
F																															
P	S-706	332+25	LT	DBI, Pipe	1			1																10					W/ PAVT.		
F																															
P	S-707	332+25	CL	DBI, Pipe	1																			19					TRAV. SLOT. (DBL)		
F																															
P	S-708	332+25	RT	DBI, Pipe	1			1																10					W/ PAVT.		
F																															
P	S-709	333+00	CL	DBI, Pipe	1																			14					TRAV. SLOT.		
F																															
P	S-710	333+00	RT	DBI, Pipe	1			1																10					W/ PAVT.		
F																															
P	OS-800	328+00	LT	DBI, Pipe	1																			19					TRAV. SLOT. (DBL)		
F																													CLASS IV PIPE		
Sheet Summary					P Total	0	0	4	4	0	1	3	1	0	0	0	0	1	0	0	0	0	1	0	0	147	0	8.4			
					F Total																										

REVISIONS						CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794		CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX		SUMMARY OF DRAINAGE STRUCTURES		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	PROJECT NO.	SR 429	429-203					

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	DITCH BOTTOM INLETS		GUTTER INLET						CROSS DRAIN MITERED END SECTION						STRAIGHT CONC. ENDWALL	U-TYPE CONC. ENDWALLS			PERF. TURF (SOD)	CLASS I CONCRETE	RIP-RAP SAND CEMENT	REMARKS													
								S-P		S-J		V-P		1:4		1:2		1:4			W/BAFFLES																			
						H-MOD	E	G	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	36"	42"	24"		14"x23"	19"x30"	24"					18"	24"	24"										
						>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	36"	42"	24"		14"x23"	19"x30"	24"					1:3	1:6	1:4										
																												SY	CY	SY										
P	S-800	328+00	RT	Inlet, Pipe	1																																CLASS IV PIPE			
F																																								
P	S-801	328+00	RT	Manhole, Pipe	1																																			
F																																								
P	S-801A	3328+50	RT	Inlet, Pipe	1					1																														
F																																								
P	S-802	3328+98.9	RT	Inlet, Pipe	1					1																														
F																																								
P	S-803	329+00	RT	DBI, Pipe	1																																TRAV. SLOT. (DBL)			
F																																								
P	S-804	3326+65	RT	Manhole, Pipe	1																																			
F																																								
P	S-805	3325+71	RT	MES	1																																			
F																																								
P	A-100	1304+00	LT	DBI, Pipe	1																																			
F																																								
P	A-101	1304+54.7	RT	MES	1																																			
F																																								
P	A-102	1311+00	LT	Inlet, Pipe	1					1																														
F																																								
P	A-103	1312+26.15	LT	Inlet, Pipe	1					1																														
F																																								
P	A-104	1312+26.15	RT	MES	1																																			
F																																								
P	A-105	1312+88	LT	Inlet, Pipe	1					1																														
F																																								
P	A-106	1313+12	LT	DBI, Pipe	1																																			
F																																								
P	B-100	2305+23.2	LT	MES	1																																			
F																																								
P	B-101	2306+00	LT	Manhole, Pipe	1																																			
F																																								
P	B-102	2306+00	RT	DBI, Pipe	1																																			
F																																								
P	B-103	2314+75.4	LT	MES	1																																			
F																																								
Sheet Summary					P Total	0	0	0	5	0	0	0	0	1	0	4	0	0	0	1	0	0	0	0	0	183	0	22.4												
F Total																																								

REVISIONS						CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY <hr/> ROAD NO. SR 429 PROJECT NO. 429-203		SUMMARY OF DRAINAGE STRUCTURES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					30A

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	DITCH BOTTOM INLETS			GUTTER INLET					CROSS DRAIN MITERED END SECTION						STRAIGHT CONC. ENDWALL	U-TYPE CONC. ENDWALLS			PERF. TURF (SOD)	CLASS I CONCRETE	RIP-RAP SAND CEMENT	REMARKS						
						H-MOD	E	G	S-P		S-J		V-P		1:4		1:2	1:4			W/BAFFLES												
						>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	36"	42"	24"		14"x23"	19"x30"	24"					18"	24"	24"	SY	CY	SY
P	B-104	2315+00	RT	DBI, Pipe	1																								TRAV. SLOT				
F																																	
P	B1-10	5295+00	RT	DBI, Pipe	1																												
F																																	
P	B1-11	5296+50	LT	MES	1									1																			
F																																	
P	B1-12	5300+00	RT	Inlet, Pipe	1				1																								
F																																	
P	B1-13	5300+20	RT	Inlet, Pipe	1				1																								
F																																	
P	B1-14	5300+20	RT	MES	1										1																		
F																																	
P	B1-15	5304+00	RT	Inlet, Pipe	1				1																								
F																																	
P	C-100	3315+00	RT	Inlet, Pipe	1				1																								
F																																	
P	C-101	3316+00	RT	Inlet, Pipe	1				1																								
F																																	
P	C-102	3316+81.9	LT	DBI, Pipe	1																					19			TRAV. SLOT. (DBL)				
F																																	
P	C-103	3316+81.9	RT	Inlet, Pipe	1				1																								
F																																	
P	C-104	3316+81.9	RT	Manhole, Pipe	1																												
F																																	
P	C-105	3316+81.9	RT	MES	1										1																		
F																																	
P	C-106	3318+50	RT	Inlet, Pipe	1				1																								
F																																	
P	C-107	3321+50	RT	Inlet, Pipe	1				1																								
F																																	
P	C-108	3324+50	RT	Inlet, Pipe	1				1																								
F																																	
P	C-109	3324+80	RT	Inlet, Pipe	1				1																								
F																																	
P	D-100	4315+00	LT	Inlet, Pipe	1				1																								
F																																	
Sheet Summary						P Total	F Total	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	112	0	0						

REVISIONS					CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794				CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX		SUMMARY OF DRAINAGE STRUCTURES		SHEET NO.
DATE	BY	DESCRIPTION		DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.					31A	
								SR 429	429-203						

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM SEWER PIPE						GUTTER DRAIN BCCMP	MANHOLES						BARRIER WALL INLET	DITCH BOTTOM INLETS																				
						ROUND SHAPE					OTHER			STEEL CASING		P-8		P-7		J-7	J-7 SPECIAL	J-8		218		A		B		^B J-BOT	C	D		D MOD.						
						18"	24"	30"	36"	42"	14"x23"		19"x30"	34"x53"	30"	38"	18"	24"		<10'	>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	<10'	>10'	<10'	<10'	>10'	<10'	<10'	>10'				
P	D-101	4316+00	LT	Inlet, Pipe	1	127																																		
F																																								
P	D-102	4317+30.3	LT	Inlet, Pipe	1	179																																		
F																																								
P	D-103	4318+51.4	LT	MES	1																																			
F																																								
P	K-100	79+76.95	RT	MES, Pipe	1		80																																	
F																																								
P	K-101	80+63.46	RT	MES	1																																			
F																																								
P	K-102	88+06.22	RT	MES, Pipe	1		113																																	
F																																								
P	K-103	89+13	RT	MES	1																																			
F																																								
P	K-104	91+79	RT	MES, Pipe	1		103																																	
F																																								
P	K-105	92+86.6	RT	DBI, Pipe	1		33																																1	
F																																								
P	K-106	93+23	RT	Manhole, Pipe	1																																			
F																																								
P	K-107	94+20	RT	DBI, Pipe	1			95																															1	
F																																								
P	K-108	2313+00	RT	Manhole, Pipe	1																																			
F																																								
P	K-109	2311+00	RT	Manhole, Pipe	1																																			
F																																								
P	K-110	2308+80.5	RT	MES	1																																			
F																																								
P	K-111	106+30	RT	MES	1																																			
F																																								
P	K-112	106+40	LT	DBI, Pipe	1	77																																	1	
F																																								
P	K-113	106+40	RT	DBI, Pipe	1		5																																1	
F																																								
P	K-114	107+80	LT	DBI, Pipe	1	62																																	1	
F																																								
Sheet Summary					P Total	445	334	95	0	258	0	0	460	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0
					F Total																																			

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 SOUTH MAGNOLIA AVENUE
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



SUMMARY OF DRAINAGE STRUCTURES

SHEET NO.
32

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	DITCH BOTTOM INLETS			GUTTER INLET						CROSS DRAIN MITERED END SECTION							STRAIGHT CONC. ENDWALL	U-TYPE CONC. ENDWALLS			PERF. TURF (SOD)	CLASS I CONCRETE	RIP-RAP SAND CEMENT	REMARKS					
						H-MOD	E	G	S-P		S-J		V-P		ROUND			OTHER					W/BAFFLES											
						>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	1:4		1:2	1:4		18"	24"		24"											
						>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	36"	42"	24"	14"x23"	19"x30"		24"	1:3	1:6					1:4	SY	CY	SY	
P	K-115	107+80	RT	DBI, Pipe	1																					6								
F																																		
P	OS-100	213+00	LT	DBI, Pipe	1																						19			TRAV. SLOT. (DBL)				
F																																		
P	OS-101	217+00	LT	DBI, Pipe	1																							14			TRAV. SLOT			
F																																		
P	OS-102	219+50	LT	DBI, Pipe	1																										TRAV. SLOT			
F																																		
P	OS-103	223+80	LT	DBI, Pipe	1																										TRAV. SLOT			
F																															ALT. A (5' DIA.)			
P	OS-104	224+58.7	LT	MES	1											1															34			
F																																		
P	OS-105A	226+74.7	LT	MES, Pipe	1										1																28			
F																																		
P	OS-105	227+18.7	LT	MES	1										1																28			
F																																		
P	OS-300	246+33.9	RT	MES	1										1																28			
F																																		
P	OS-301	347+00	RT	Manhole, Pipe	1																													
F																																		
P	OS-302	351+00	RT	DBI, Pipe	1																										14			
F																																		
P	OS-303	255+25	RT	MES	1										1																28			
F																																		
P	OS-304	256+35	RT	MES, Pipe	1										1																28			
F																																		
P	OS-400	166+41	LT	DBI, Pipe	1																										6			
F																																		
P	OS-401	166+34.2	LT	U-Endwall	1																	1									28			
F																																		
P	OS-402	173+80.48	LT	U-Endwall	1																	1									28			
F																																		
P	OS-403	273+98	LT	DBI, Pipe	1																										19			
F																																		
P	OS-404	173+80.48	LT	DBI, Pipe	1																										19			
F																																		
Sheet Summary																0	5	1	0	0	0	0	0					0	2	0	355	0	0	
P Total						0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0					0	2	0	355	0	0
F Total																																		

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 SOUTH MAGNOLIA AVENUE
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO. SR 429	PROJECT NO. 429-203



SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 33A

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	DITCH BOTTOM INLETS								GUTTER INLET								CROSS DRAIN MITERED END SECTION								STRAIGHT CONC. ENDWALL	U-TYPE CONC. ENDWALLS			PERF. TURF (SOD)	CLASS I CONCRETE	RIP-RAP SAND CEMENT	REMARKS
						H-MOD			E			G		S-P		S-J		V-P		ROUND				OTHER				W/BAFFLES									
						>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	36"	42"	24"	14" x 23"	19" x 30"	24"	18"	24"	24"										
P	OS-500	293+90	LT	DBI, Pipe	1																				19				TRAV. SLOT. (DBL)								
F																																					
P	OS-500A	293+90	LT	Manhole, Pipe	1																								CLASS IV PIPE								
F																																					
P	OS-501	293+90	RT	Endwall	1														1						32	2.2											
F																																					
P	OS-502	1308+00	LT	DBI, Pipe	1																				19				TRAV. SLOT. (DBL)								
F																																					
P	OS-503	1309+24.3	RT	MES	1											1									28		5.6										
F																																					
P	OS-700	4316+88	LT	DBI, Pipe	1																				19				TRAV. SLOT. (DBL)								
F																																					
P	OS-701	4319+50	LT	Manhole, Pipe	1																																
F																																					
P	OS-702	4322+00	LT	Manhole, Pipe	1																																
F																																					
P	OS-703	4324+00	LT	Manhole, Pipe	1																																
F																																					
P	OS-801	3323+95.85	RT	MES	1											1									28		5.6										
F																																					
P	OS-802	3323+84.85	RT	DBI, Pipe	1																				6												
F																																					
P	OS-803	3325+61.75	RT	MES	1											1									28												
F																																					
P	OS-804	3326+50	RT	DBI, Pipe	1																				6												
F																																					
P	OS-900	5300+20	LT	DBI, Pipe	1																		1		7				TRAV. SLOT. (DBL)								
F																																					
P	OF-100	230+90	LT	DBI, Pipe	1																				6												
F																																					
P	OF-101	231+70.6	LT	MES	1											1									28												
F																																					
P	OF-200	229+10.8	LT	MES	1											1									28		5.6										
F																																					
P	OF-201	229+78.2	LT	Manhole, Pipe	1																								ALT. B (5'x6')								
F																																					
P	OF-202	230+17.06	LT	MES	1											1									28												
F																																					
Sheet Summary					P Total	0	1	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	282	2.2	16.8											
F Total																																					

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 SOUTH MAGNOLIA AVENUE
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



SUMMARY OF DRAINAGE STRUCTURES


SHEET NO. 34A

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	DITCH BOTTOM INLETS			GUTTER INLET					CROSS DRAIN MITERED END SECTION						STRAIGHT CONC. ENDWALL	U-TYPE CONC. ENDWALLS			PERF. TURF (SOD)	CLASS I CONCRETE	RIP-RAP SAND CEMENT	REMARKS			
						H-MOD	E	G	S-P		S-J		V-P		1:4		1:2	1:4			W/BAFFLES									
									>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"		36"	42"	24"					14"x23"	19"x30"	24"
						>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	36"	42"	24"		14"x23"	19"x30"	24"					18"	24"	24"
P	OF-203	239+98.4	LT	DBI, Pipe	1																		6							
F																														
P	OF-204	238+83.4	LT	MES	1												1						28							
F																														
P	FP-100	22+00	RT	MES	1												1						28							
F																														
P	FP-101	27+17.4	RT	MES	1												1						28		5.6					
F																														
P	OF-PL1	22+00	LT	DBI, Pipe	1																		6							
F																														
P	FP-200	241+07.00	RT	MES	1												1						28							
F																														
P	FP-201	241+65.00	RT	DBI, Pipe	1																		6							
F																														
P	OF-300	246+85	RT	MES	1												1						28		5.6					
F																														
P	OF-301	247+71	RT	DBI, Pipe	1																		6							
F																														
P	OF-302	251+00	RT	DBI, Pipe	1																		6							
F																														
P	OF-303	255+50.75	RT	MES	1																		27							
F																														
P	OF-304	256+08	RT	DBI, Pipe	1																		6							
F																														
P	OF-400	260+99	LT	MES	1																		27							
F																														
P	OF-401	261+40	LT	DBI, Pipe	1																		6							
F																														
P	OF-500	1307+65	RT	DBI, Pipe	1																		6							
F																														
P	OF-501	1309+22	RT	MES	1																		28							
F																														
P	OF-502	309+20	LT	MES, Pipe	1																		28			CLASS IV PIPE				
F																														
P	OF-502A	309+20	RT	Manhole, Pipe	1																					CLASS IV PIPE				
F																														
Sheet Summary					P Total	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	2	0	0	0	0	298	0	11.2	
F Total																														

REVISIONS						CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY	ROAD NO. SR 429	PROJECT NO. 429-203	CFX	SUMMARY OF DRAINAGE STRUCTURES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM SEWER PIPE						GUTTER DRAIN BCCMP		MANHOLES						BARRIER WALL INLET		DITCH BOTTOM INLETS													
						ROUND SHAPE					OTHER			STEEL CASING						218		A		B		J-BOT		C		D		D MOD.			
						18"	24"	30"	36"	42"	14"x23"	19"x30"	34"x53"	30"	38"	18"	24"	P-8		P-7	J-7	J-7 SPECIAL	J-8		<10'	>10'	<10'	<10'	>10'	B		C	D	D MOD.	
						<10'	>10'	<10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'
P	OF-503	309+20	RT	MES	1																														
F																																			
P	OF-600	4319+93.6	RT	MES, Pipe	1		210																												
F																																			
P	OF-601	4320+11.1	LT	MES	1																														
F																																			
P	OF-700	4325+74.6	LT	MES, Pipe	1	52																													
F																																			
P	OF-701	4326+00	LT	DBI, Pipe	1	178																													
F																																			
P	OF-702			NOT USED																															
F																																			
P	OF-152	2304+63	RT	DBI, Pipe	1		30																						1						
F																																			
P	OF-152A	2304+70.7	RT	MES	1																														
F																																			
P	OF-900	5305+00	LT	DBI, Pipe	1		193																						1						
F																																			
P	OF-901	5305+00	RT	MES	1																														
F																																			
P	OF-901A	5299+23.2	RT	DBI, Pipe	1		232																						1						
F																																			
P	OF-901B	5297+52.5	LT	MES	1																														
F																																			
P	OF-902	91+00	RT	DBI, Pipe	1		180																						1						
F																																			
P	OF-903	90+00	LT	Manhole, Pipe	1								175		1																				
F																																			
P	OF-904	88+93	LT	MES	1																														
F																																			
Sheet Summary					P Total	230	845	0	0	0	0	0	0	0	175	0	1	0	0	0	0	0	0	0	0	0	0	2	1	1					
Final Summary					F Total	15696	7924	757	308	1088	237	582	460	26	35	142	1032	10	3	1	2	1	1	3	4	1	1	29	1	1	6	8	8	3	


REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. SR 429 PROJECT NO. 429-203		SUMMARY OF DRAINAGE STRUCTURES	SHEET NO. 36
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QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	DITCH BOTTOM INLETS			GUTTER INLET				CROSS DRAIN MITERED END SECTION						STRAIGHT CONC. ENDWALL	U-TYPE CONC. ENDWALLS			PERF. TURF (SOD)	CLASS I CONCRETE	RIP-RAP SAND CEMENT	REMARKS					
						H-MOD	E	G	S-P		S-J		V-P		ROUND		OTHER			W/BAFFLES											
									>10'	<10'	<10'	<10'	>10'	<10'	>10'	<10'	>10'	1:4		1:2	1:4	18"					24"	24"			
						18"	24"	36"	42"	24"	14"x23"	19"x30"	24"	1:3	1:6	1:4	SY	CY		SY											
P	OF-503	309+20	RT	MES	1									1												28					
F																															
P	OF-600	4319+93.6	RT	MES, Pipe	1									1														28			
F																															
P	OF-601	4320+11.1	LT	MES	1									1														28			
F																															
P	OF-700	4325+74.6	LT	MES, Pipe	1									1														28			
F																															
P	OF-701	4326+00	LT	DBI, Pipe	1	1																						8			
F																															
P	OF-702			NOT USED																											
F																															
P	OF-152	2304+63	RT	DBI, Pipe	1																							6			
F																															
P	OF-152A	2304+70.7	RT	MES	1									1														28			
F																															
P	OF-900	5305+00	LT	DBI, Pipe	1																							6			CLASS III PIPE
F																															
P	OF-901	5305+00	RT	MES	1									1														28			5.6
F																															
P	OF-901A	5299+23.2	RT	DBI, Pipe	1																							6			
F																															
P	OF-901B	5297+52.5	LT	MES	1									1														28			5.6
F																															
P	OF-902	91+00	RT	DBI, Pipe	1																							6			
F																															
P	OF-903	90+00	LT	Manhole, Pipe	1																										
F																															
P	OF-904	88+93	LT	MES	1									1														28			5.6
F																															
Sheet Summary					<i>P Total</i>	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	256	0	16.8		
Final Summary					<i>F Total</i>	1	1	4	96	5	1	3	1	1	8	42	1	2	0	2	6	1	1	2	3	2572	2.2	138.6			
					<i>F Total</i>																						2628*				

*INCLUDES SIDEDRAIN SOD QUANTITIES



<p style="text-align: center;">R E V I S I O N S</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>						DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794		CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. SR 429 PROJECT NO. 429-203				<p style="text-align: center;">SUMMARY OF DRAINAGE STRUCTURES</p>		SHEET NO. 36A
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION																					
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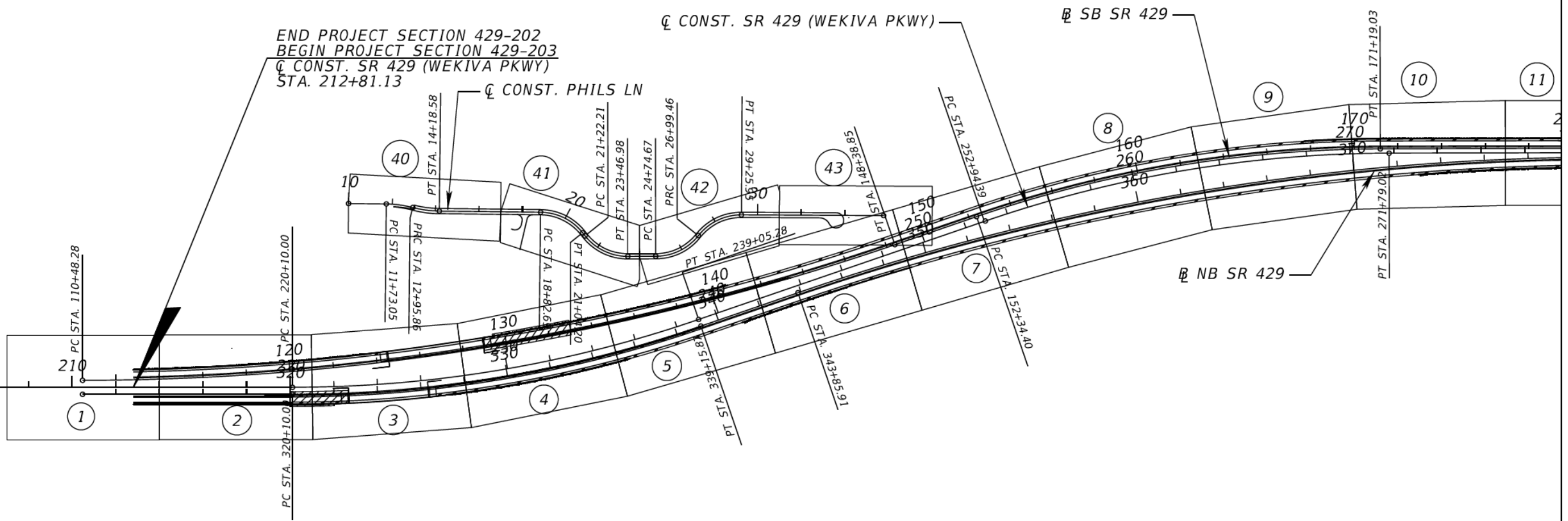
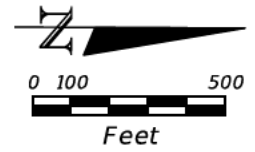
GENERAL NOTES

1. REFERENCE STATE STATUTES CHAPTER 556 THE CONTRACTOR WILL CALL SUNSHINE STATE ONE NUMBER 1-800-432-4770, 48 HOURS PRIOR TO DIGGING WORK.
2. CONTRACTOR SHALL ESTABLISH ALL LINES OF GRADES AND REFERENCE POINTS AS REQUIRED FOR WORK UNDER THIS CONTRACT. ALL PROJECT LAYOUT SHALL BE DONE USING A SURVEYOR REGISTERED IN THE STATE OF FLORIDA. THE CONTRACTOR SHALL PROVIDE ALL LABOR, INSTRUMENTS, STAKES, TEMPLATES, AND OTHER MATERIALS NECESSARY FOR MARKING AND MAINTAINING ALL LINES OF GRADES.
3. EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
4. ALL CONCRETE PIPE JOINTS SHALL BE WRAPPED IN ACCORDANCE WITH INDEX 280 WITH FILTER FABRIC MEETING THE REQUIREMENTS OF INDEX 199, TYPE D-3. THE COST OF FILTER FABRIC SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE PIPES.
5. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION AND TRAFFIC CONTROL ACTIVITIES WITH OTHER CONTRACTORS WORKING IN THE AREA.
6. THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT PROJECT BEGINNING AND END AS DIRECTED BY THE ENGINEER.
7. THE CONTRACTOR SHALL DISPOSE OF MILLED MATERIAL AWAY FROM THE PROJECT SITE AT A LOCATION PROVIDED BY THE CONTRACTOR. NO MILLED MATERIAL SHALL BE STOCKPILED WITHIN THE PROJECT RIGHT-OF-WAY. THIS SHALL INCLUDE MATERIAL REMOVED BY THE CONSTRUCTION OF THE GROUND IN RUMBLE STRIPS. THE CONTRACTOR SHALL NOT SWEEP MILLED ASPHALT ONTO UNPAVED SHOULDERS.
8. ALL WASTE MATERIALS SHALL BE REMOVED FROM THE AUTHORITY RIGHT-OF-WAY AND PROPERLY DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR.
9. LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE UTILITIES WITHIN THE CONSTRUCTION AREA, WHICH ARE NOT SHOWN ON THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION AND OWNERSHIP OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES WITH FACILITIES IN THE AREA OF THE PROJECT BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY OR FIBER OPTIC LINE LOCATIONS AND INVERTS PRIOR TO BEGINNING CONSTRUCTION. DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
10. ALL TYPE S (INDEX 220) INLETS ARE TO BE PROVIDED WITH PARALLEL BAR TYPE GRATES.
11. ALL PROFILE GRADES SHOWN ARE FINISHED GRADES.
12. EXISTING ELEVATIONS SHOWN ARE TO BE FIELD VERIFIED.
13. PROTECTION OF EXISTING WORK AREAS WHERE FENCING, GRADING, PAVING, SIGNING, LIGHTING, GUARDRAIL, GRASSING AND/OR SODDING HAVE BEEN COMPLETED BY OTHERS SHALL BE GIVEN MAXIMUM PROTECTION WHILE WORK UNDER THIS CONTRACT IS IN PROGRESS. ALL DAMAGED WORK SHALL BE COMPLETELY RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE AUTHORITY.
14. B.M. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88-ENGLISH).
15. ANY NGVD'29 OR NAVD '88 MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, CONTRACTOR SHALL NOTIFY:
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SURVEYING & MAPPING
3900 COMMONWEALTH BOULEVARD, MS 105
TALLAHASSEE, FL 32399-3000
TELEPHONE (850)245-2606
16. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED, OR HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER.
17. FOR UTILITY RELOCATION INFORMATION, SEE UTILITY ADJUSTMENT SHEETS. FOR UTILITY SYMBOLS, SEE INDEX NO. 002.
18. MAINTENANCE OF TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FDOT DESIGN STANDARDS, AS SUPPLEMENTED BY TCP'S. ATTENTION IS DIRECTED TO INDEX NOS. 600, 605 AND 613.
19. PAVEMENT MARKINGS WILL EXTEND ACROSS BRIDGES AND APPROACH SLABS AND THROUGH TOLL PLAZAS WITHIN THE LIMITS OF THE PROJECT.
20. THE CONTRACTOR IS TO MAINTAIN THE INTEGRITY OF THE LIMITED ACCESS FENCING AT ALL TIMES.

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			GENERAL NOTES SR 429		SHEET NO.
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- 21. NO EQUIPMENT OR MATERIALS SHALL BE STORED IN CLEAR ZONE (AS DEFINED IN FDOT STANDARD INDEX NO. 600).
- 22. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE PROJECT ENGINEER. THE CONTRACTOR SHALL PROVIDE THE PROJECT ENGINEER WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED MSDS SUBMITTAL. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE PROJECT ENGINEER IS TO NOTIFY THE AUTHORITY (CFX) OF THE DISCOVERY. THE AUTHORITY WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF THE CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE PROJECT ENGINEER.
- 23. THE CONTRACTOR SHALL PERFORM HIS WORK IN ACCORDANCE WITH REQUIREMENTS OF VARIOUS PERMITS INCLUDED IN THE BID DOCUMENTS. PAYMENT IS INCLUDED IN THE BID PRICE FOR PAY ITEM 104-20: EROSION CONTROL.
- 24. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED IN SPECIFICATION PACKAGE PRIOR TO, OR AS THE FIRST STEP IN CONSTRUCTION. EROSION CONTROL DEVICES MUST REMAIN IN PLACE AND IN GOOD CONDITION AT ALL LOCATIONS CONSISTENT WITH BEST MANAGEMENT PRACTICES OBLIGATED BY THE ENVIRONMENTAL PERMITS.
- 25. ALL TRENCHES GREATER THAN 4' IN DEPTH SHALL COMPLY WITH OSHA REQUIREMENTS
- 26. PERMANENT CRASH CUSHIONS SHALL BE REDIRECTIVE WITH ONLY TWO TYPES ACCEPTABLE, QUADGUARD AND TAU-11.
- 27. IN AREAS WHERE GUARDRAIL IS PRESENT WITHOUT SHOULDER GUTTER MISC ASPHALT SHALL BE APPLIED BETWEEN THE EDGE OF PAVEMENT AND THE FACE OF GUARDRAIL. FOR AREAS THAT HAVE END ANCHORAGE ASSEMBLIES SEE INDEX NO. 400 FOR MISC. ASPHALT DIMENSIONS.
- 28. ALL CONCRETE CULVERTS AND PIPES TO BE CLASS II UNLESS OTHERWISE NOTED.
- 29. ALL DRIVEWAY ARE TO BE CONSTRUCTED PER STANDARD INDEX 515.
- 30. EXISTING UTILITIES ARE TO STAY ON WITH UNINTERRUPTED SERVICE UNLESS COORDINATED WITH THE ENGINEER

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			GENERAL NOTES SR 429		SHEET NO.	
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							SR 429	429-203					



REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

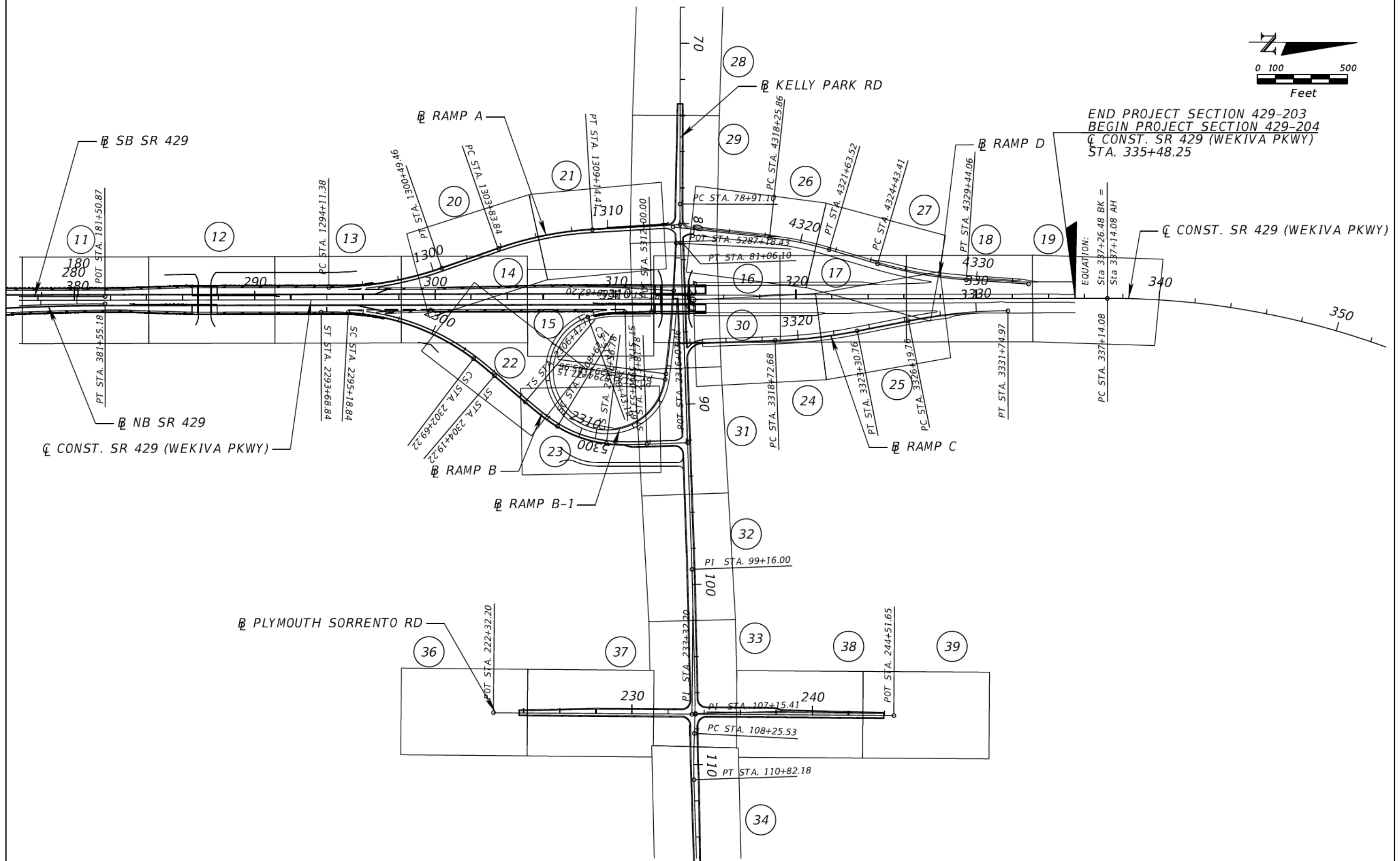
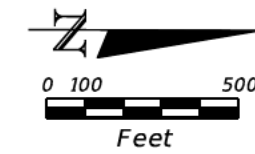
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
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PROJECT LAYOUT (1)

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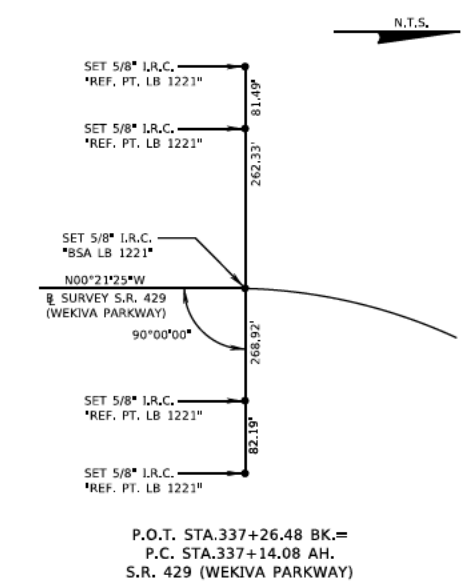
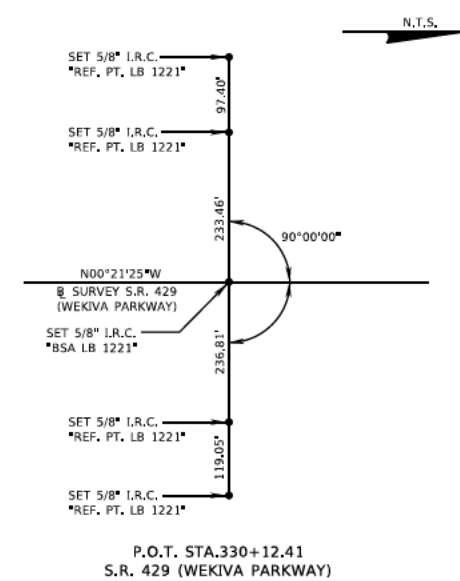
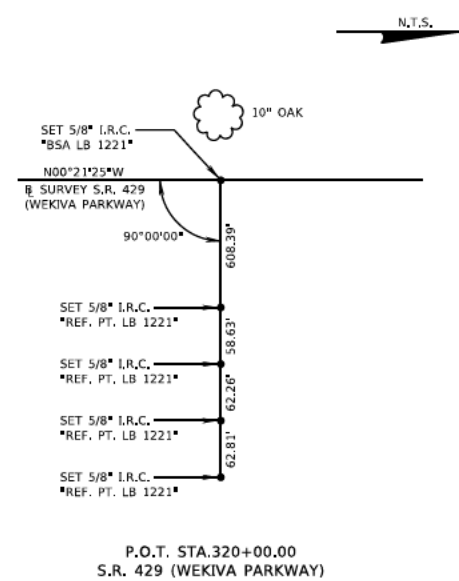
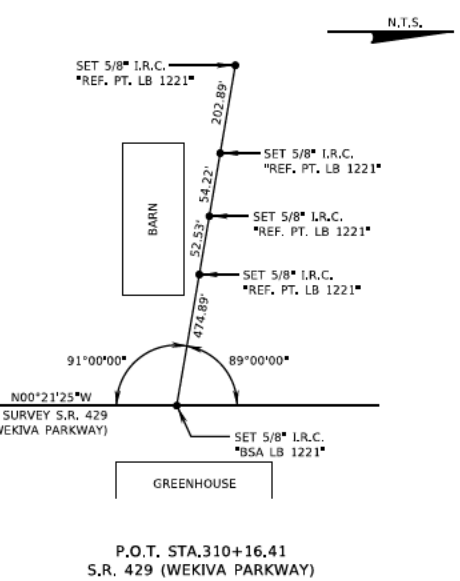
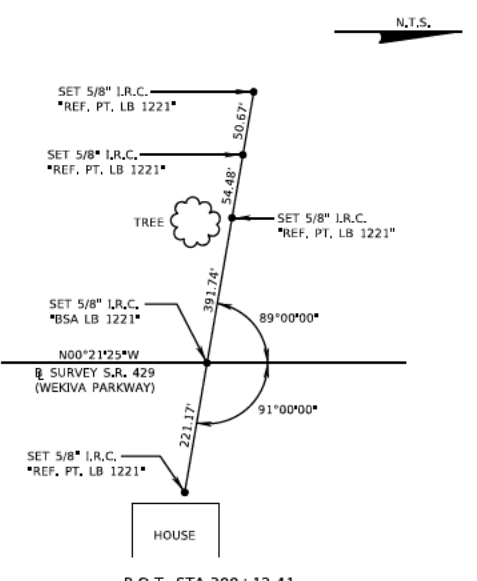
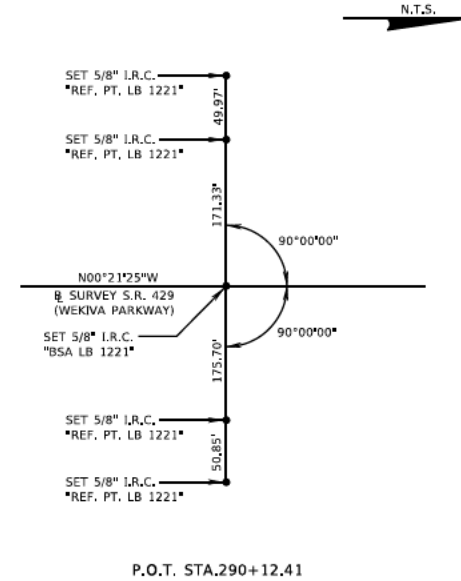
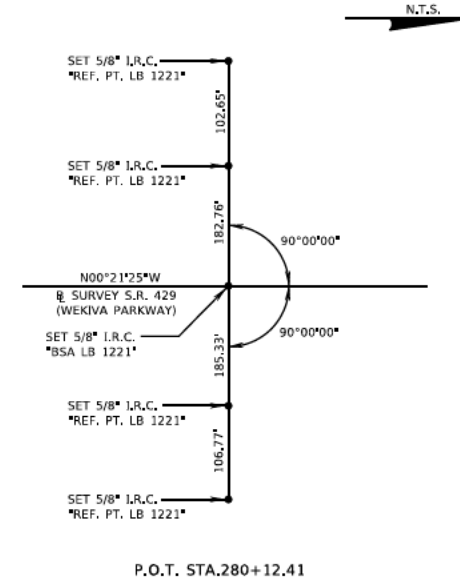
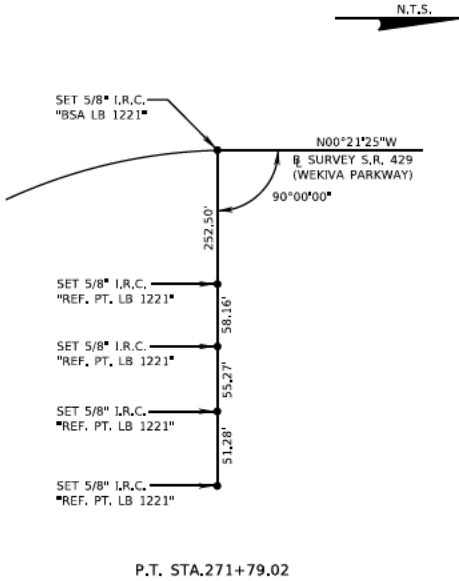
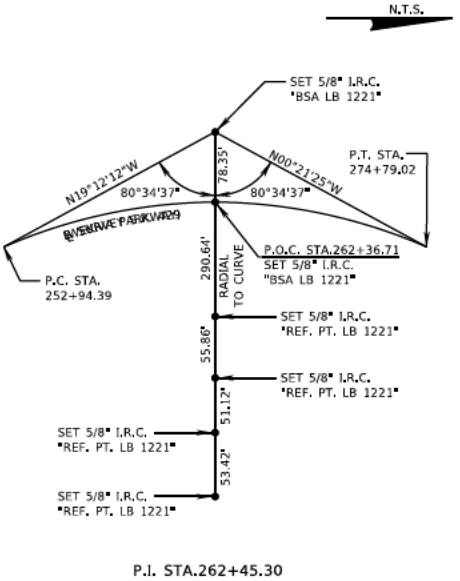
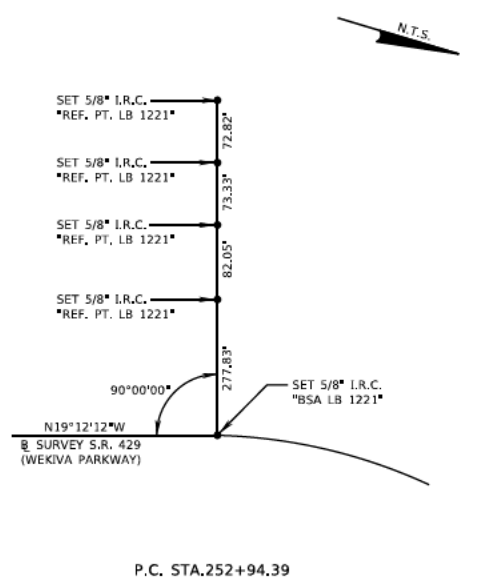
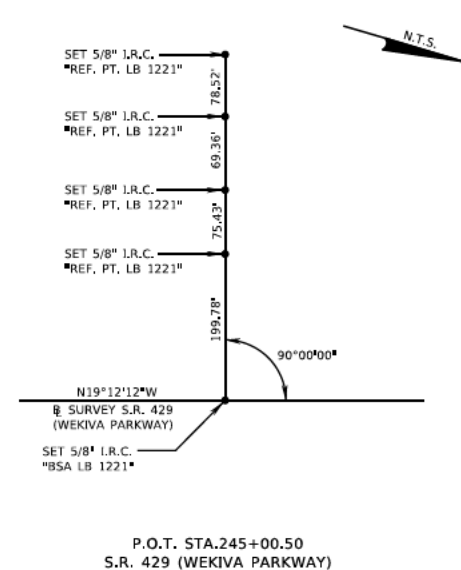
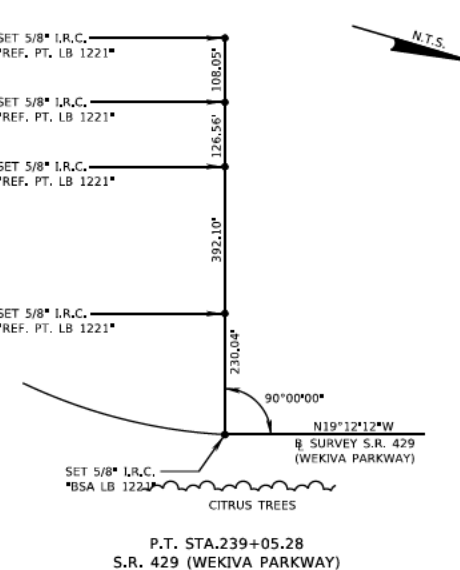
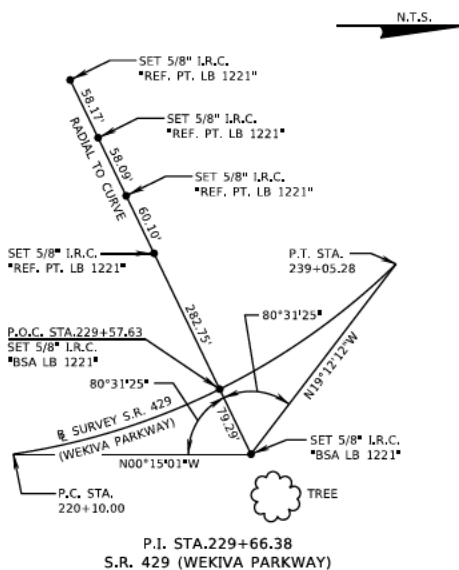
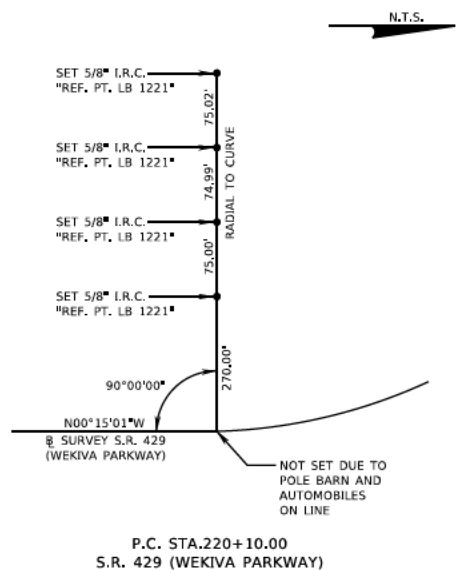
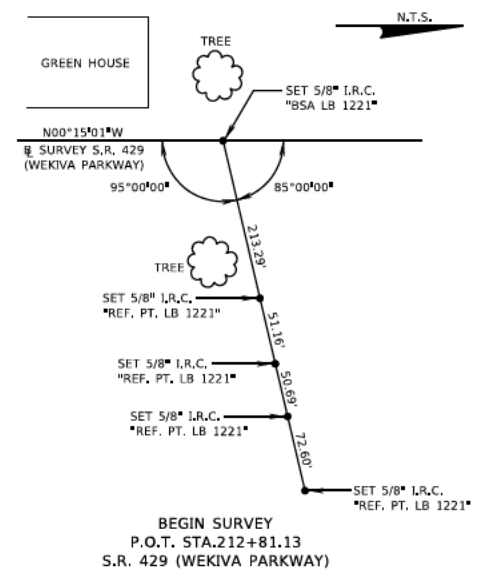


END PROJECT SECTION 429-203
 BEGIN PROJECT SECTION 429-204
 CONST. SR 429 (WEKIVA PKWY)
 STA. 335+48.25

SB SR 429
 NB SR 429
 CONST. SR 429 (WEKIVA PKWY)

PLYMOUTH SORRENTO RD

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			PROJECT LAYOUT (2)	SHEET NO. 40
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



S.R. 429 (WEKIVA PARKWAY) FROM NORTH OF PONKAN ROAD TO NORTH OF KELLY PARK ROAD

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

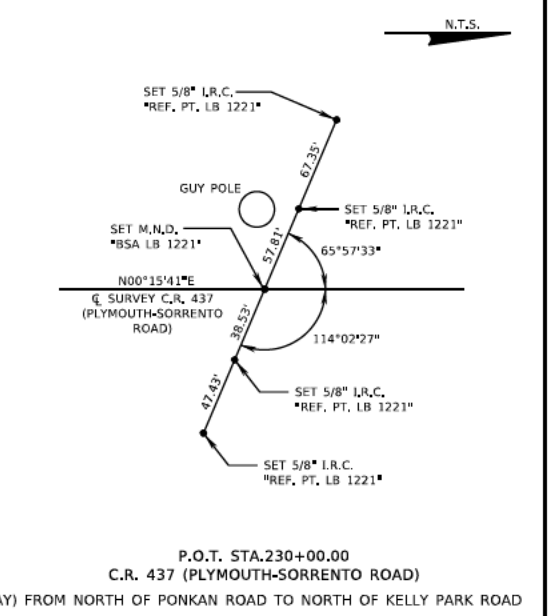
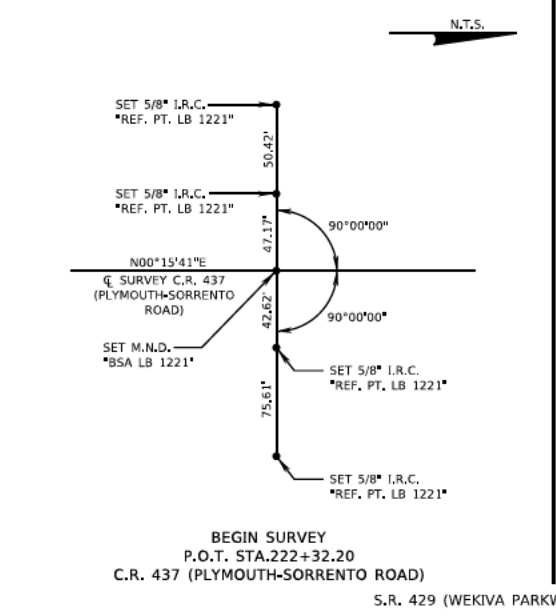
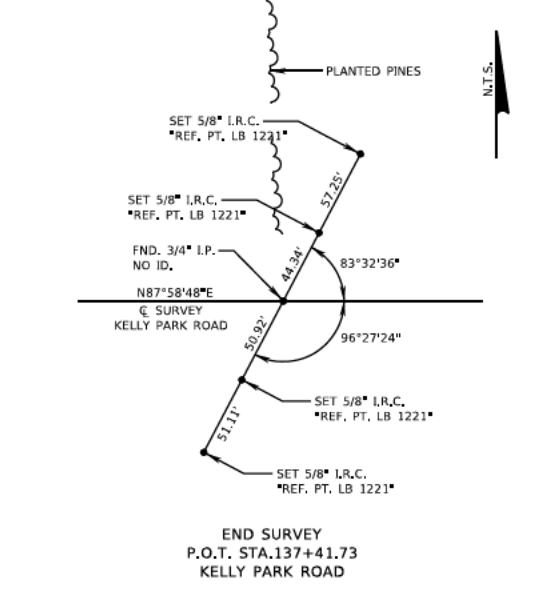
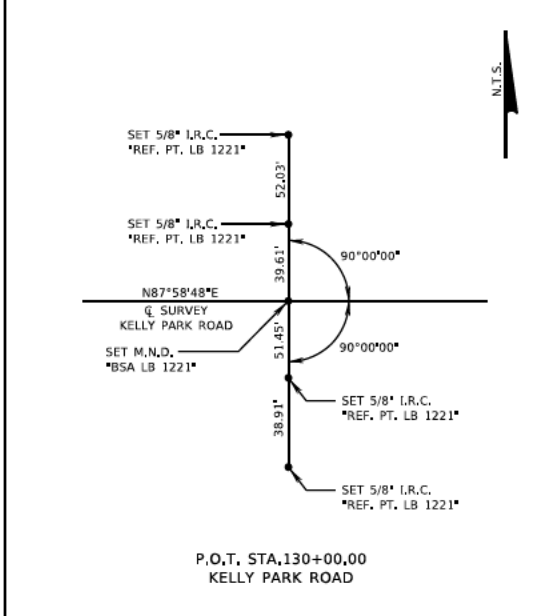
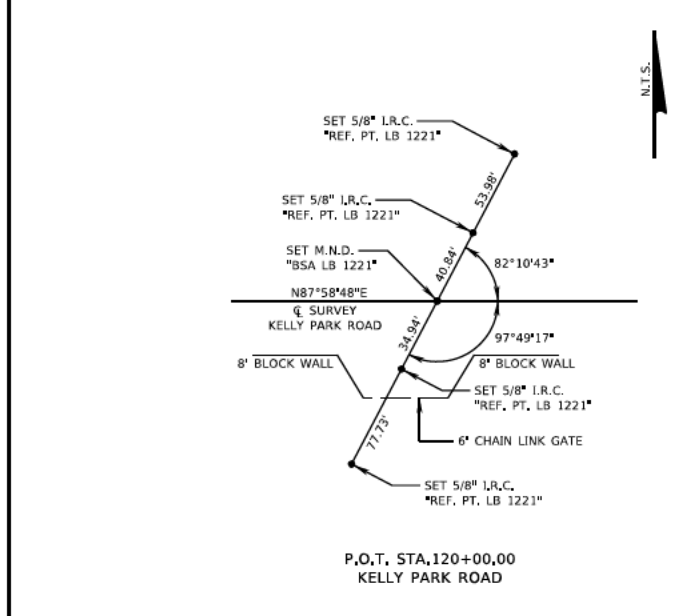
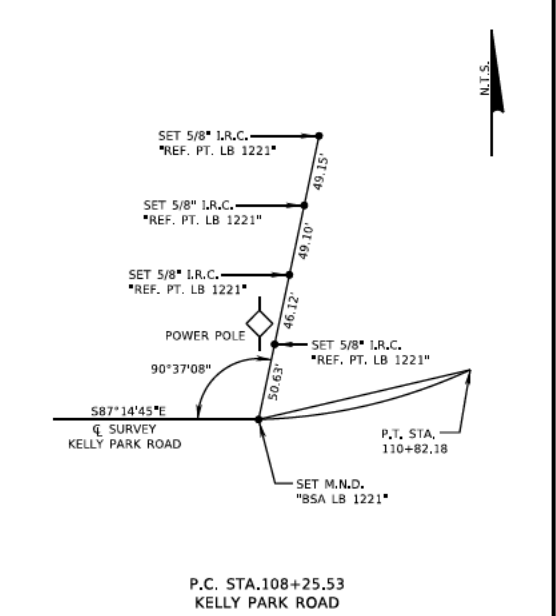
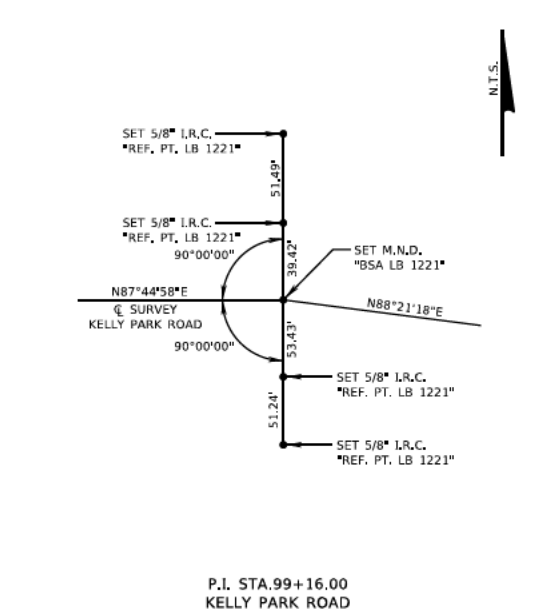
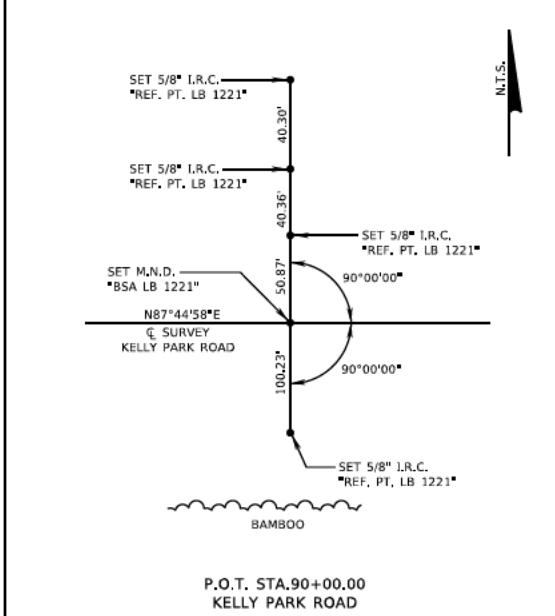
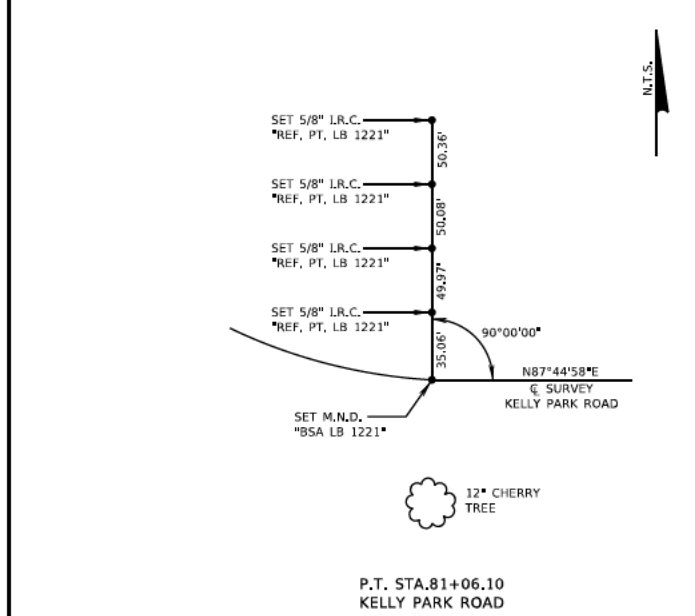
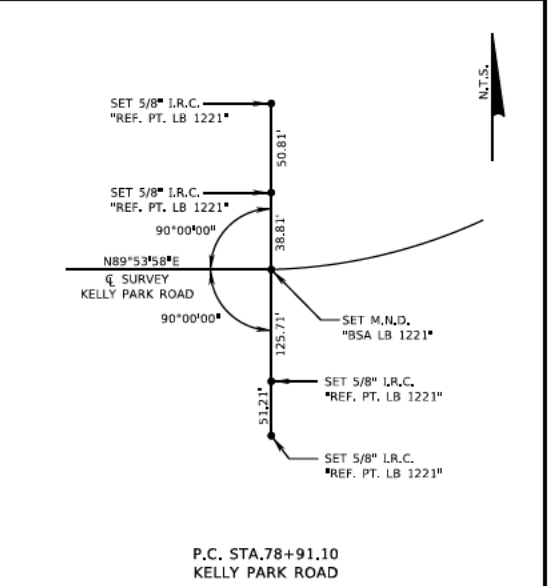
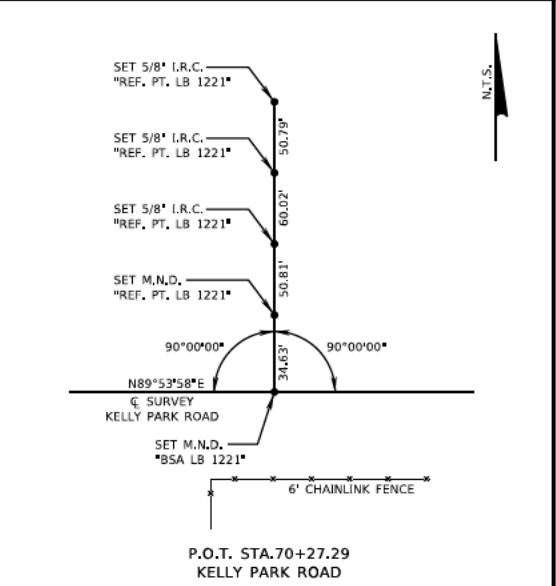
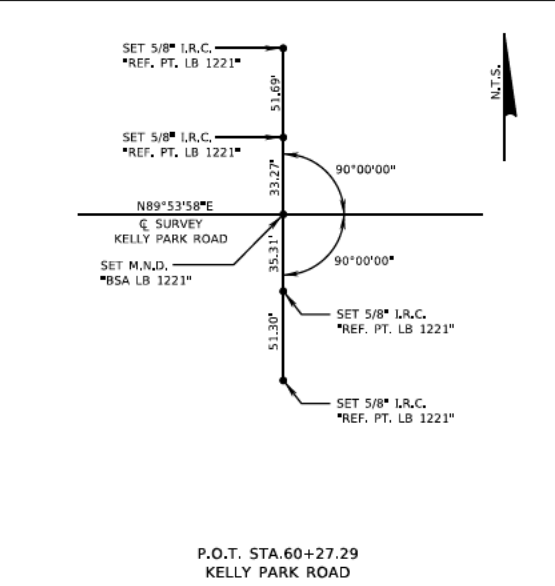
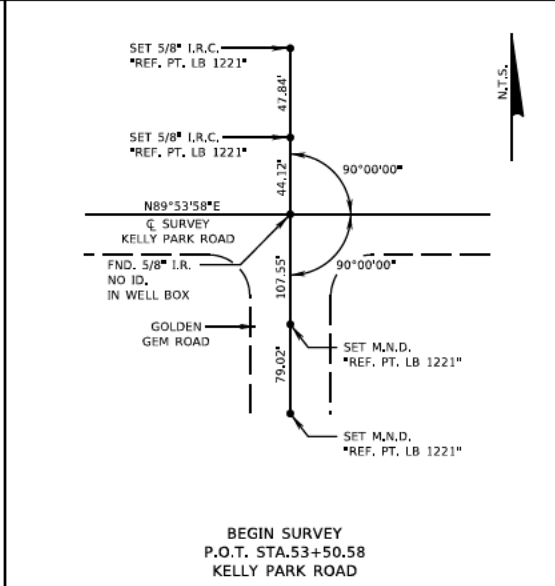
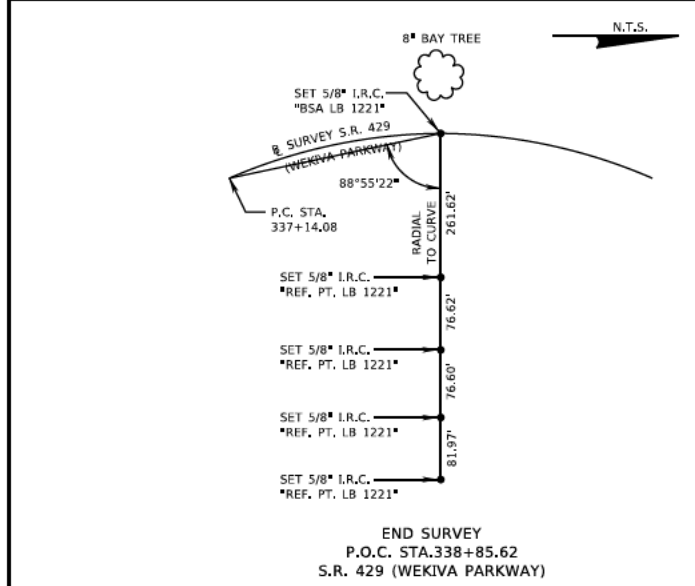
DANIEL F. CHRISTIE, P.E.
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DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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ROAD NO. SR 429
PROJECT NO. 429-203



REFERENCE TIES
SR 429

SHEET NO. 41



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

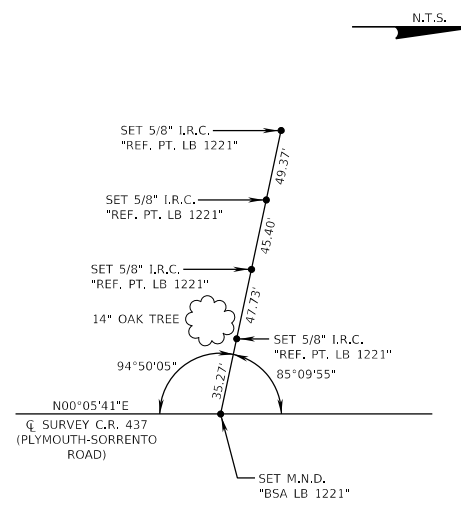
DANIEL F. CHRISTIE, P.E.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
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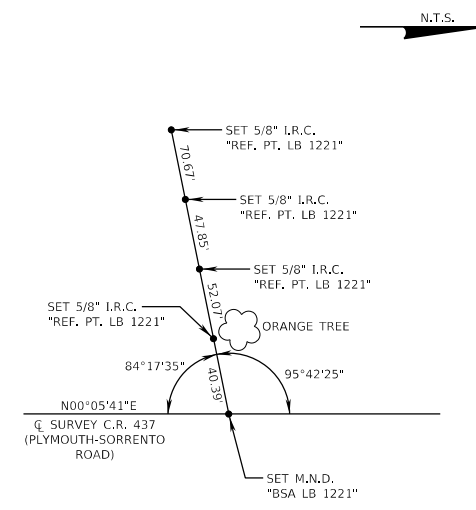


REFERENCE TIES
 SR 429

SHEET NO. 41A



P.O.T. STA. 240+00.00
C.R. 437 (PLYMOUTH-SORRENTO ROAD)



END SURVEY
P.O.T. STA. 244+51.65
C.R. 437 (PLYMOUTH-SORRENTO ROAD)

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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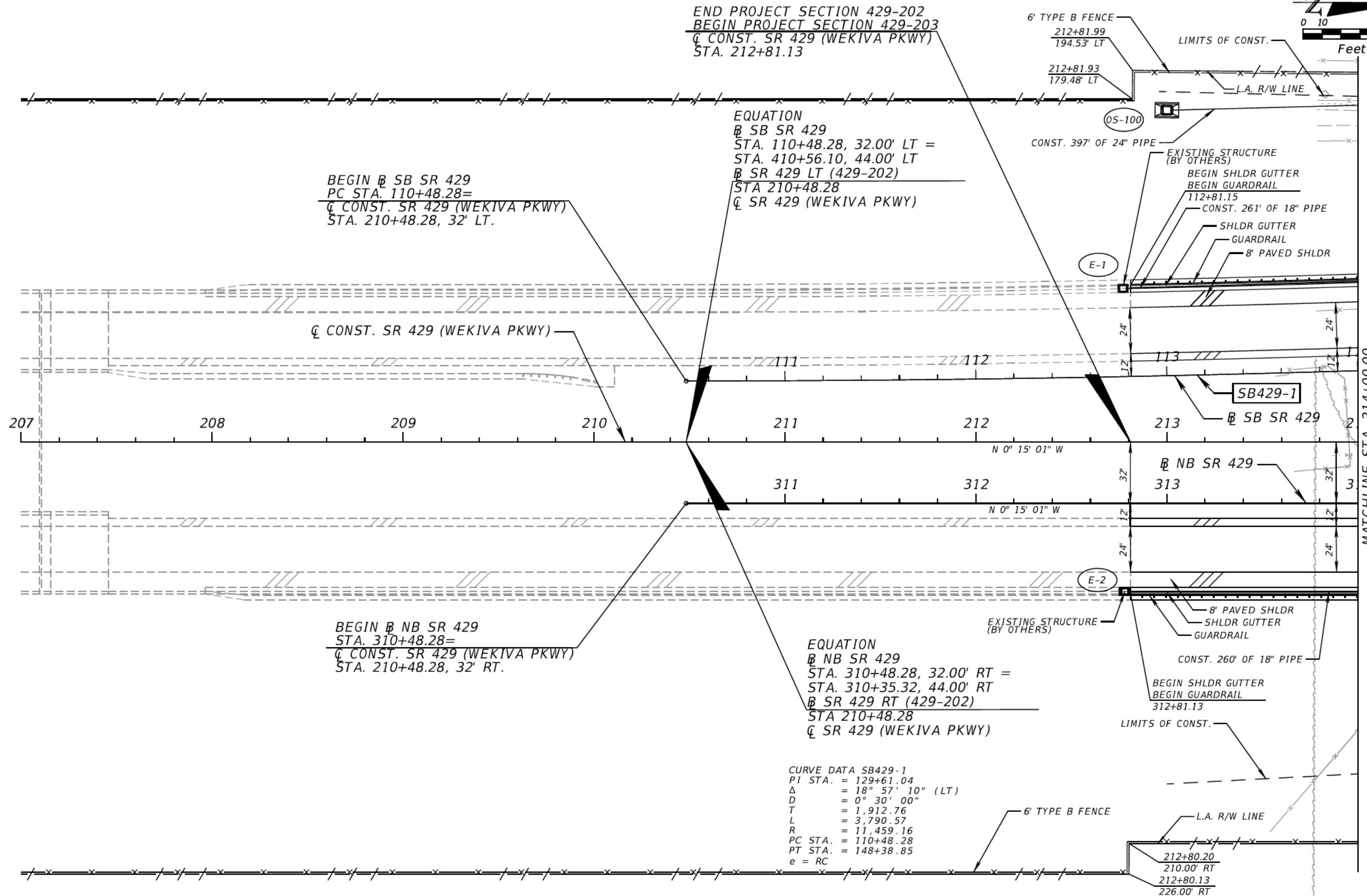
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



REFERENCE TIES
SR 429

SHEET NO.
41B

END PROJECT SECTION 429-202
 BEGIN PROJECT SECTION 429-203
 C CONST. SR 429 (WEKIVA PKWY)
 STA. 212+81.13



BEGIN SB SR 429
 PC STA. 110+48.28=
 C CONST. SR 429 (WEKIVA PKWY)
 STA. 210+48.28, 32' LT.

EQUATION
 SB SR 429
 STA. 110+48.28, 32.00' LT =
 STA. 410+56.10, 44.00' LT
 SR 429 LT (429-202)
 STA 210+48.28
 C SR 429 (WEKIVA PKWY)

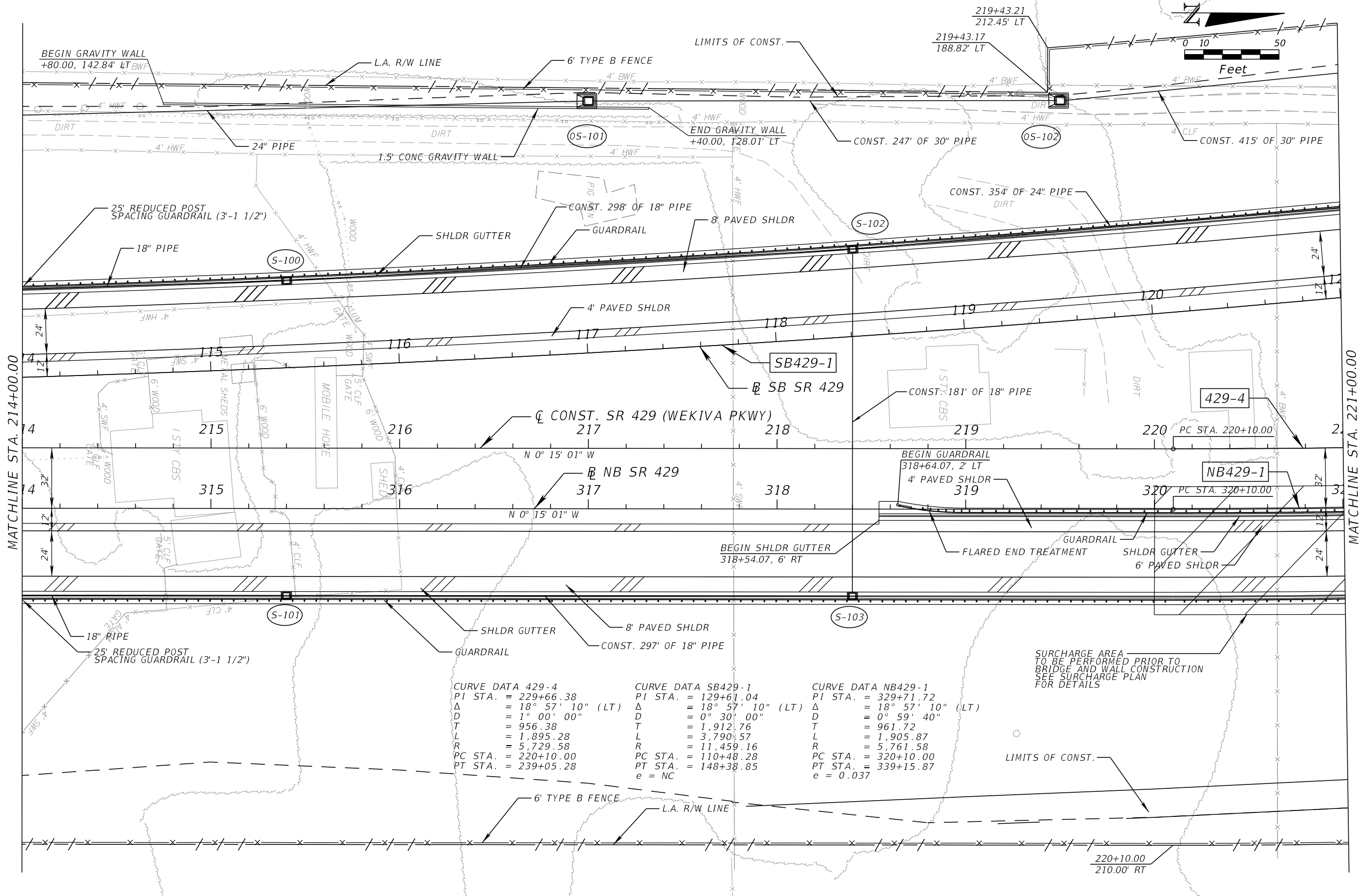
BEGIN NB SR 429
 STA. 310+48.28=
 C CONST. SR 429 (WEKIVA PKWY)
 STA. 210+48.28, 32' RT.

EQUATION
 NB SR 429
 STA. 310+48.28, 32.00' RT =
 STA. 310+35.32, 44.00' RT
 SR 429 RT (429-202)
 STA 210+48.28
 C SR 429 (WEKIVA PKWY)

CURVE DATA SB429-1
 PI STA. = 129+61.04
 Δ = 18° 57' 10" (LT)
 D = 0° 30' 00"
 T = 1,912.76
 L = 3,790.57
 R = 11,459.16
 PC STA. = 110+48.28
 PT STA. = 148+38.85
 e = RC

MATCHLINE STA. 214+00.00

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	SR 429 PLAN SHEET (1)	SHEET NO. 42
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



CURVE DATA 429-4	CURVE DATA SB429-1	CURVE DATA NB429-1
PI STA. = 229+66.38	PI STA. = 129+61.04	PI STA. = 329+71.72
Δ = 18° 57' 10" (LT)	Δ = 18° 57' 10" (LT)	Δ = 18° 57' 10" (LT)
D = 1° 00' 00"	D = 0° 30' 00"	D = 0° 59' 40"
T = 956.38	T = 1,912.76	T = 961.72
L = 1,895.28	L = 3,790.57	L = 1,905.87
R = 5,729.58	R = 11,459.16	R = 5,761.58
PC STA. = 220+10.00	PC STA. = 110+48.28	PC STA. = 320+10.00
PT STA. = 239+05.28	PT STA. = 148+38.85	PT STA. = 339+15.87
	e = NC	e = 0.037

SURCHARGE AREA TO BE PERFORMED PRIOR TO BRIDGE AND WALL CONSTRUCTION SEE SURCHARGE PLAN FOR DETAILS

MATCHLINE STA. 214+00.00

MATCHLINE STA. 221+00.00

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

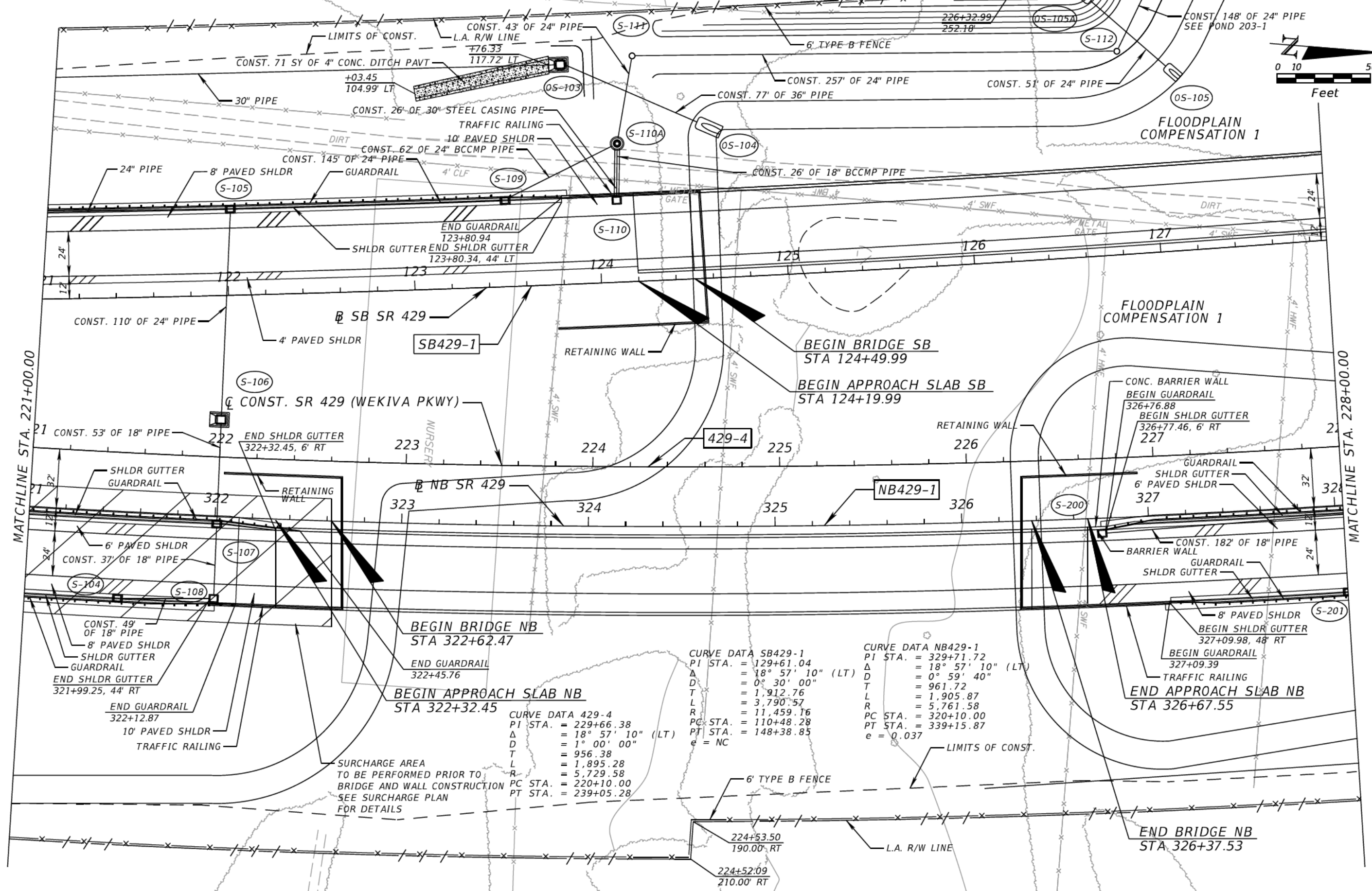
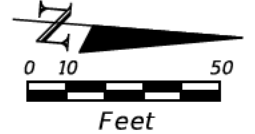
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PLAN SHEET (2)

SHEET NO.
43



CURVE DATA SB429-1
 PI STA. = 129+61.04
 Δ = 18° 57' 10" (LT)
 D = 0° 30' 00"
 T = 1,912.76
 L = 3,790.57
 R = 11,459.16
 PC STA. = 110+48.28
 PT STA. = 148+38.85
 e = NC

CURVE DATA NB429-1
 PI STA. = 329+71.72
 Δ = 18° 57' 10" (LT)
 D = 0° 59' 40"
 T = 961.72
 L = 1,905.87
 R = 5,761.58
 PC STA. = 320+10.00
 PT STA. = 339+15.87
 e = 0.037

CURVE DATA 429-4
 PI STA. = 229+66.38
 Δ = 18° 57' 10" (LT)
 D = 1° 00' 00"
 T = 956.38
 L = 1,895.28
 R = 5,729.58
 PC STA. = 220+10.00
 PT STA. = 239+05.28

SURCHARGE AREA
 TO BE PERFORMED PRIOR TO
 BRIDGE AND WALL CONSTRUCTION
 SEE SURCHARGE PLAN
 FOR DETAILS

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
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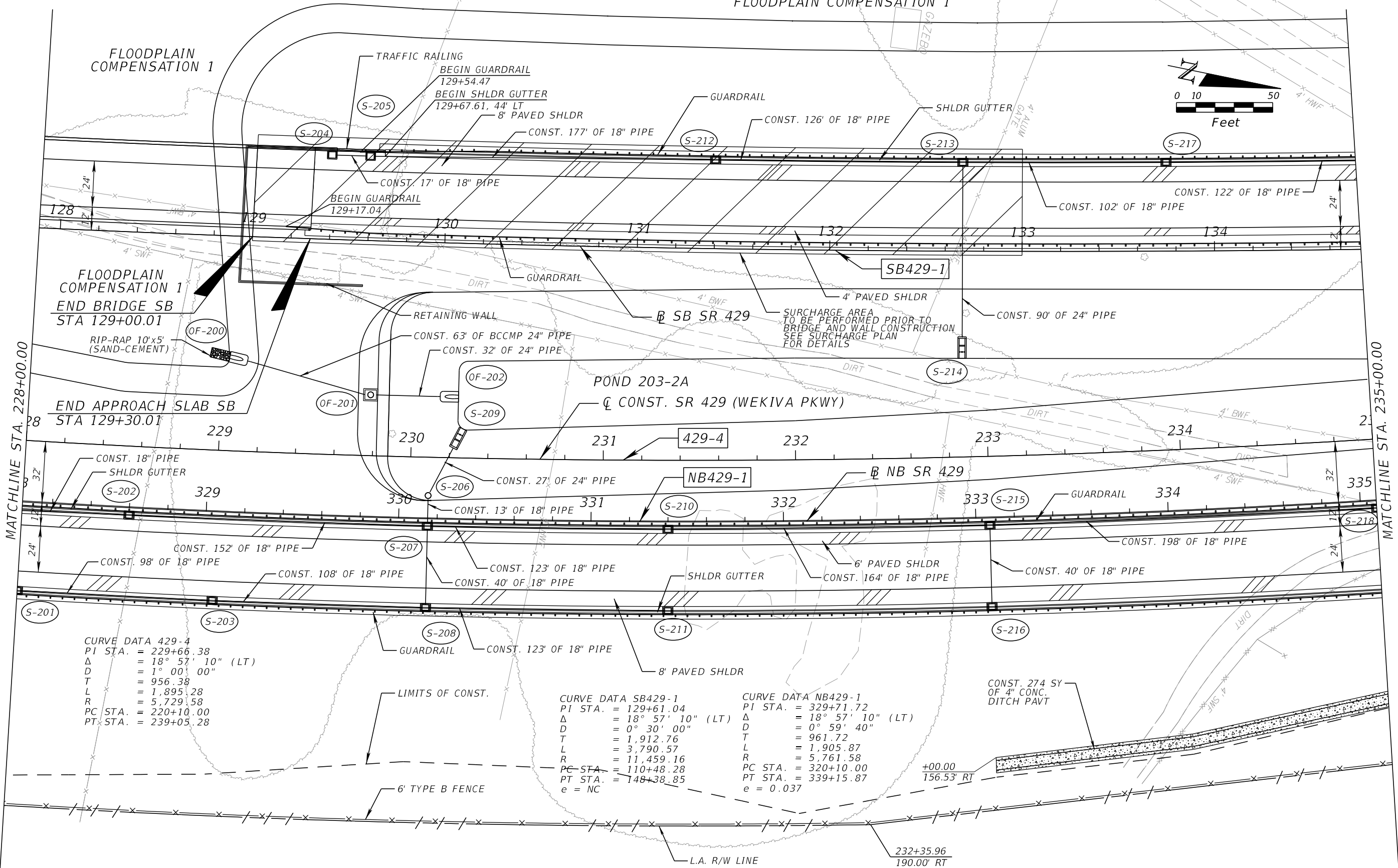
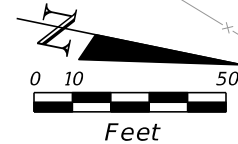
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO. SR 429 PROJECT NO. 429-203

SR 429 PLAN SHEET (3)

SHEET NO. 44

FLOODPLAIN COMPENSATION 1



FLOODPLAIN COMPENSATION 1
END BRIDGE SB
STA 129+00.01

END APPROACH SLAB SB
STA 129+30.01

CURVE DATA 429-4
PI STA. = 229+66.38
Δ = 18° 57' 10" (LT)
D = 1° 00' 00"
T = 956.38
L = 1,895.28
R = 5,729.58
PC STA. = 220+10.00
PT STA. = 239+05.28

CURVE DATA SB429-1
PI STA. = 129+61.04
Δ = 18° 57' 10" (LT)
D = 0° 30' 00"
T = 1,912.76
L = 3,790.57
R = 11,459.16
PC STA. = 110+48.28
PT STA. = 148+38.85
e = NC

CURVE DATA NB429-1
PI STA. = 329+71.72
Δ = 18° 57' 10" (LT)
D = 0° 59' 40"
T = 961.72
L = 1,905.87
R = 5,761.58
PC STA. = 320+10.00
PT STA. = 339+15.87
e = 0.037

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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P.E. LICENSE NUMBER 64849
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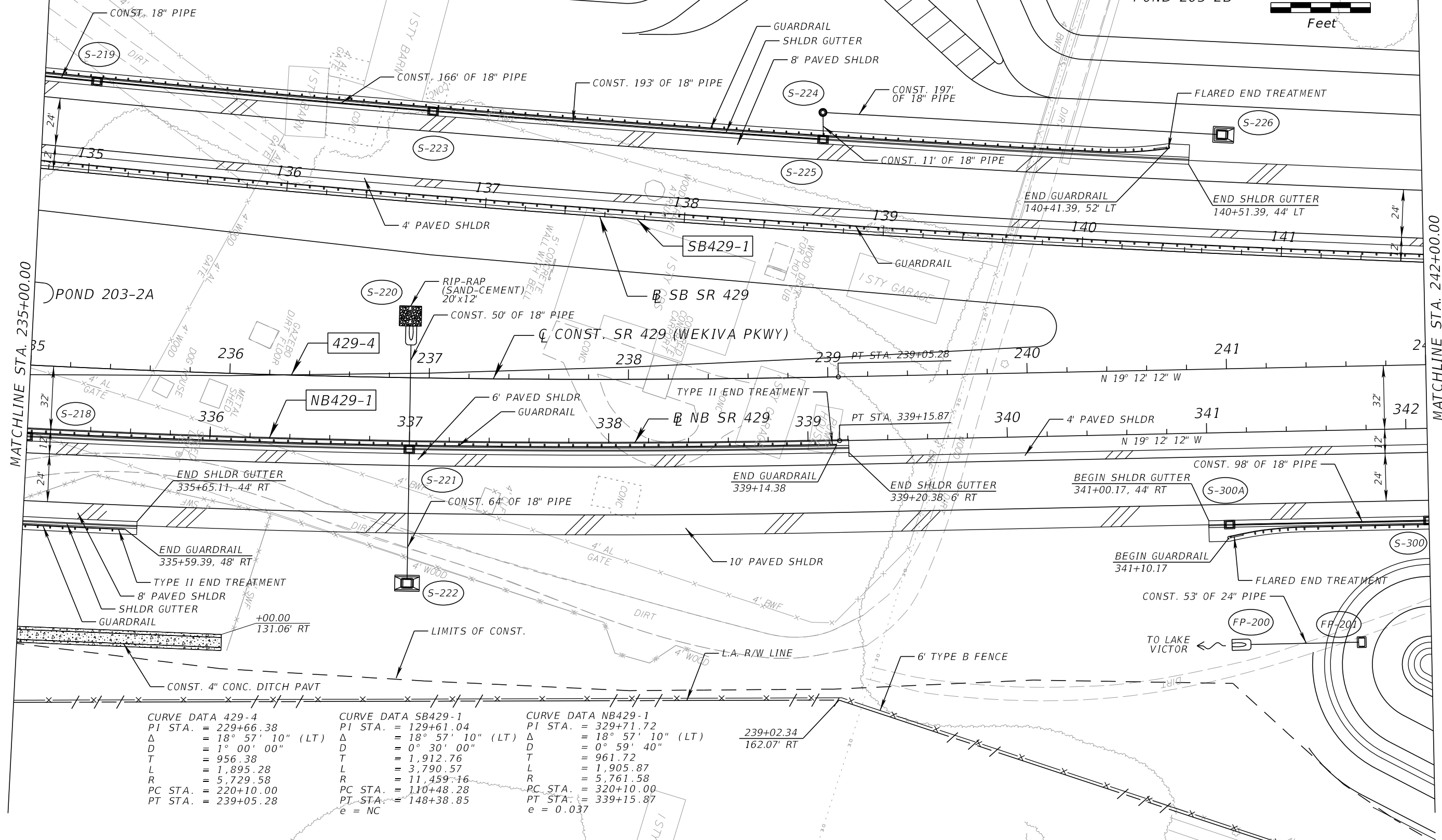
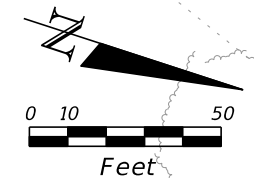
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



SR 429 PLAN SHEET (4)

SHEET NO. 45

FLOODPLAIN COMPENSATION 1



CURVE DATA 429-4

PI STA.	= 229+66.38
Δ	= 18° 57' 10" (LT)
D	= 1° 00' 00"
T	= 956.38
L	= 1,895.28
R	= 5,729.58
PC STA.	= 220+10.00
PT STA.	= 239+05.28

CURVE DATA SB429-1

PI STA.	= 129+61.04
Δ	= 18° 57' 10" (LT)
D	= 0° 30' 00"
T	= 1,912.76
L	= 3,790.57
R	= 11,459.16
PC STA.	= 110+48.28
PT STA.	= 148+38.85
e	= NC

CURVE DATA NB429-1

PI STA.	= 329+71.72
Δ	= 18° 57' 10" (LT)
D	= 0° 59' 40"
T	= 961.72
L	= 1,905.87
R	= 5,761.58
PC STA.	= 320+10.00
PT STA.	= 339+15.87
e	= 0.037

239+02.34
162.07' RT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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SR 429 PLAN SHEET (5)

SHEET NO.
46

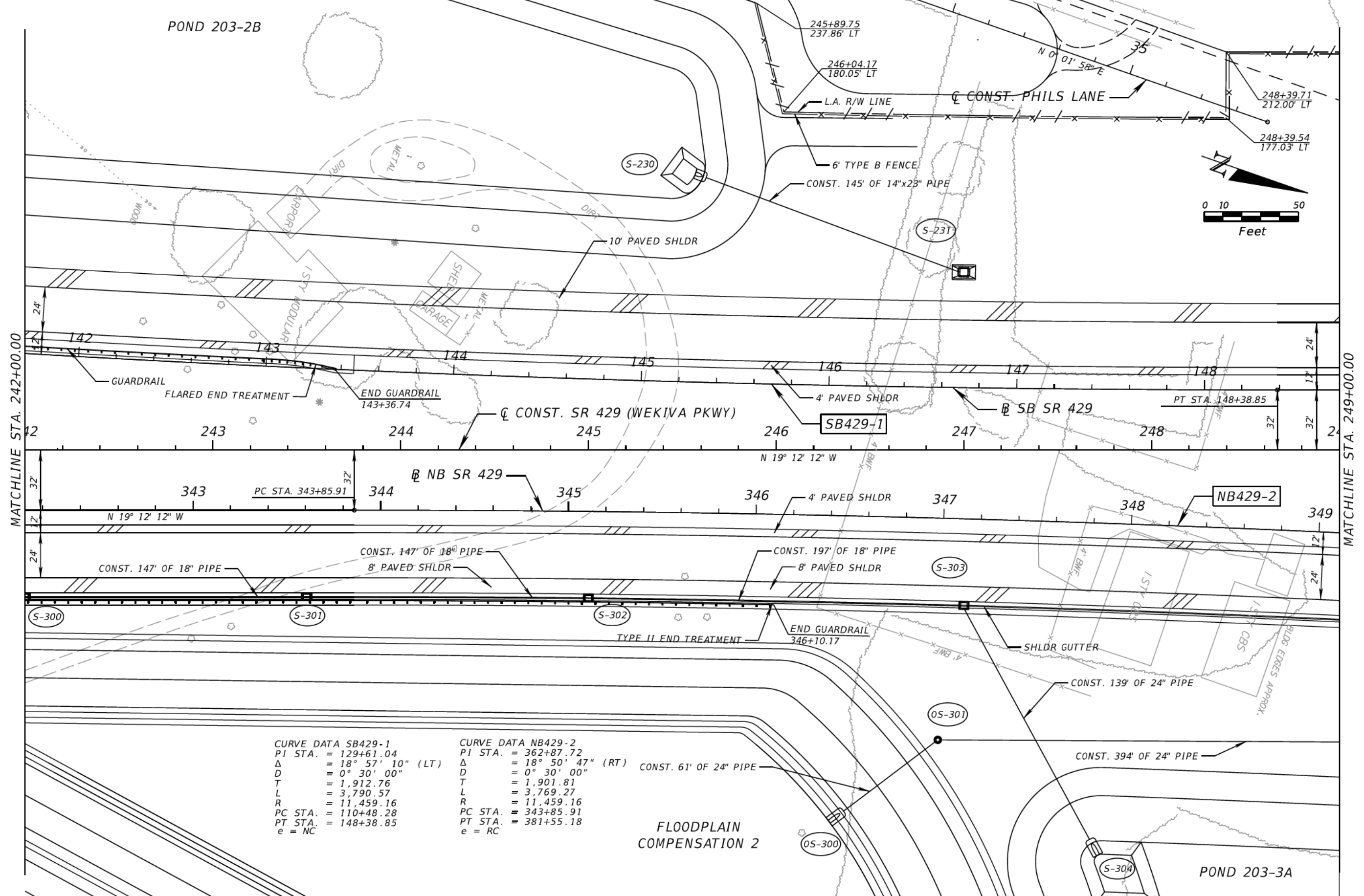
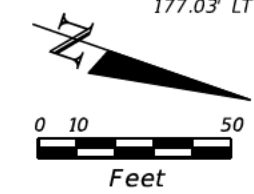
POND 203-2B

245+89.75
237.86' LT

246+04.17
180.05' LT

248+39.71
212.00' LT

248+39.54
177.03' LT



MATCHLINE STA. 242+00.00

MATCHLINE STA. 249+00.00

CURVE DATA SB429-1
 PI STA. = 129+61.04
 Δ = 18° 57' 10" (LT)
 D = 0° 30' 00"
 T = 1,912.76
 L = 3,790.57
 R = 11,459.16
 PC STA. = 110+48.28
 PT STA. = 148+38.85
 e = NC

CURVE DATA NB429-2
 PI STA. = 362+87.72
 Δ = 18° 50' 47" (RT)
 D = 0° 30' 00"
 T = 1,901.81
 L = 3,769.27
 R = 11,459.16
 PC STA. = 343+85.91
 PT STA. = 381+55.18
 e = RC

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
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SR 429 PLAN SHEET (6)

SHEET NO.
47

CURVE DATA SB429-2
 PI STA. = 161+85.31
 Δ = 18° 50' 47" (RT)
 D = 1° 00' 00"
 T = 950.91
 L = 1,884.63
 R = 5,729.58
 PC STA. = 152+34.40
 PT STA. = 171+19.03
 e = 0.037

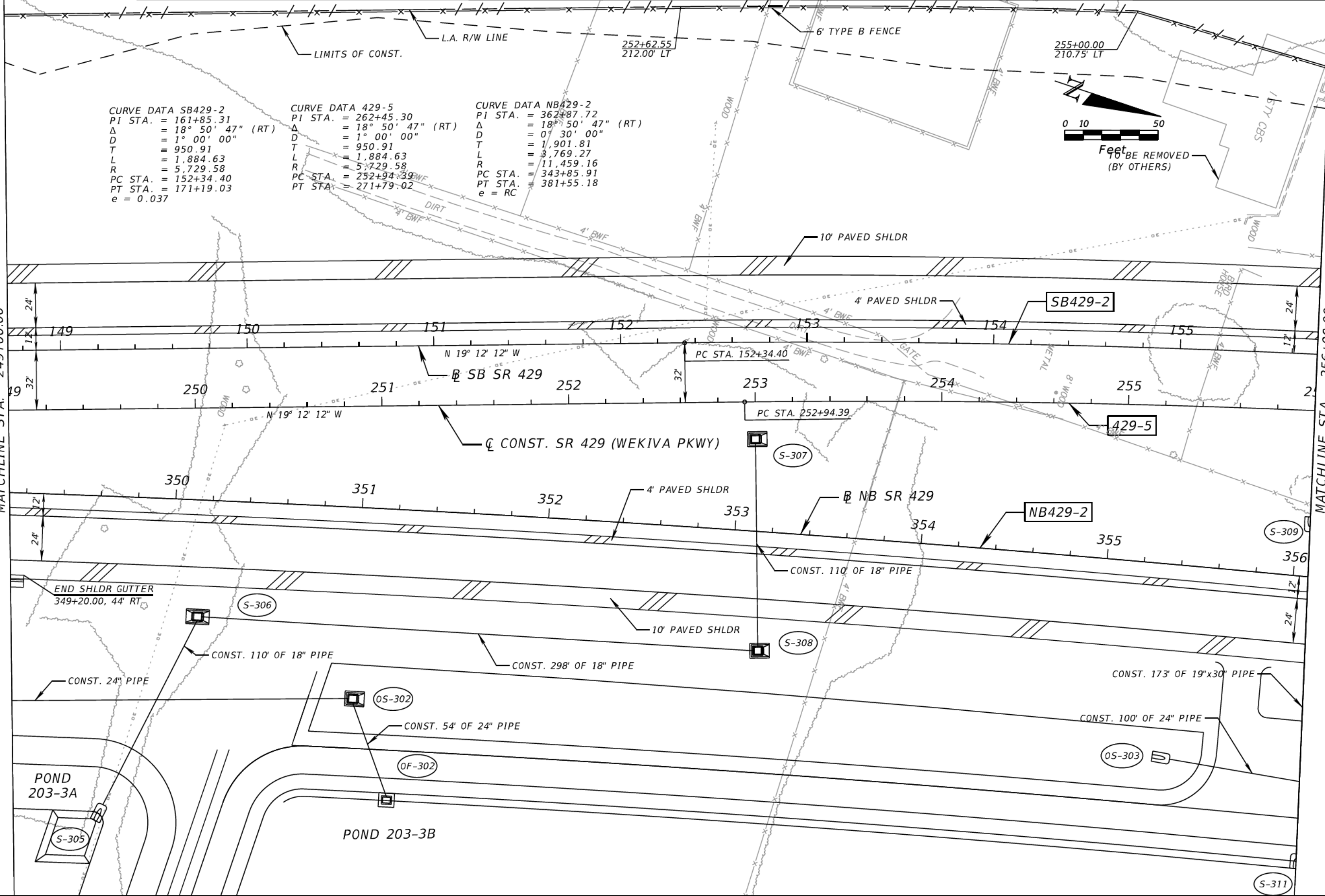
CURVE DATA 429-5
 PI STA. = 262+45.30
 Δ = 18° 50' 47" (RT)
 D = 1° 00' 00"
 T = 950.91
 L = 1,884.63
 R = 5,729.58
 PC STA. = 252+94.39
 PT STA. = 271+79.02

CURVE DATA NB429-2
 PI STA. = 362+87.72
 Δ = 18° 50' 47" (RT)
 D = 0° 30' 00"
 T = 1,901.81
 L = 3,769.27
 R = 11,459.16
 PC STA. = 343+85.91
 PT STA. = 381+55.18
 e = RC



MATCHLINE STA. 249+00.00

MATCHLINE STA. 256+00.00



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

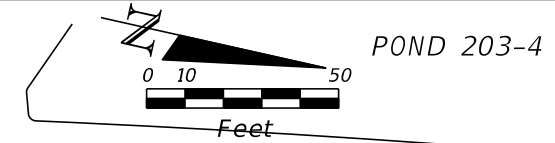
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



SR 429 PLAN SHEET (7)

SHEET NO.
48



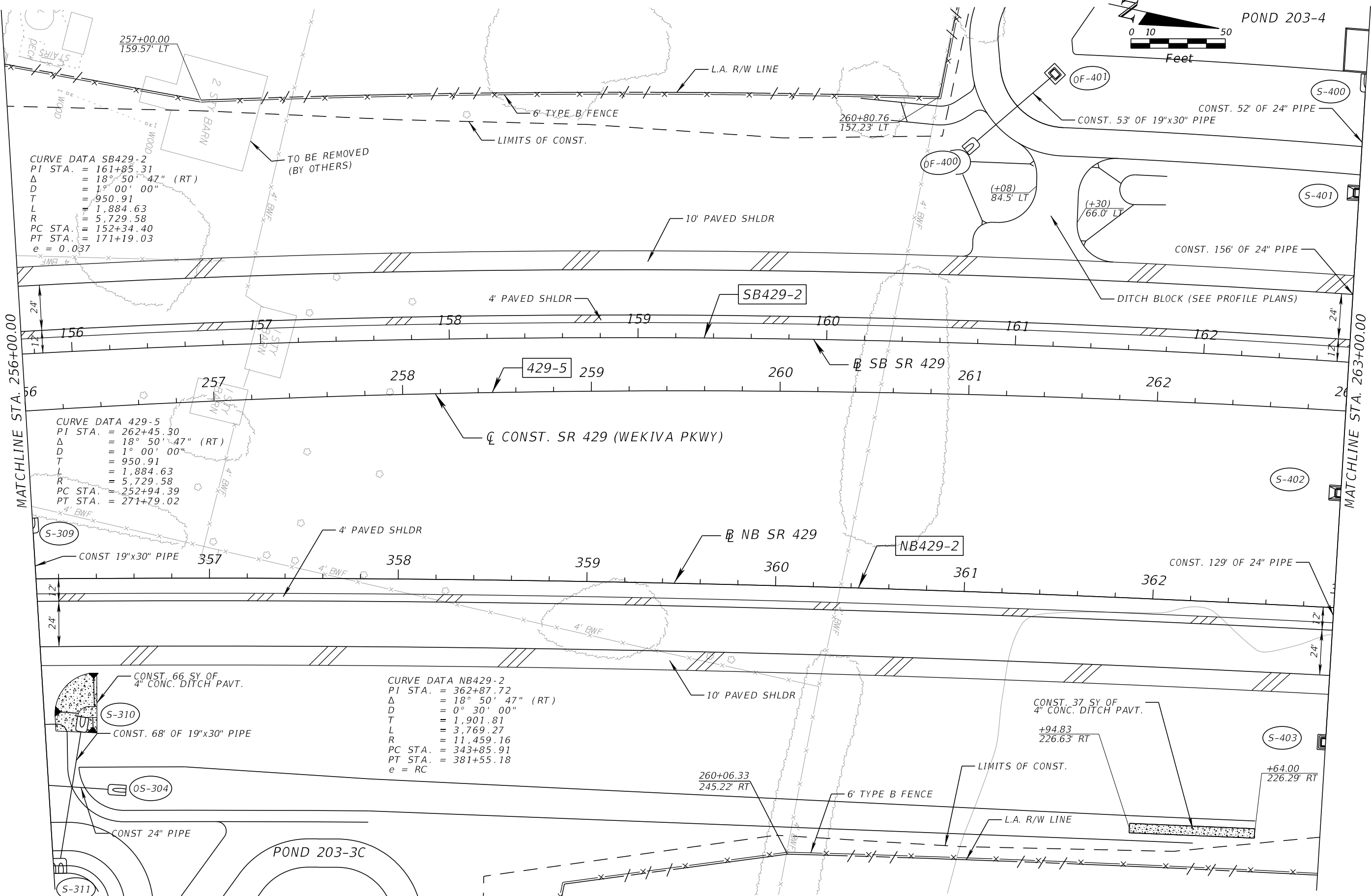
257+00.00
159.57' LT

260+80.76
157.23' LT

CURVE DATA SB429-2
 PI STA. = 161+85.31
 Δ = 18° 50' 47" (RT)
 D = 1° 00' 00"
 T = 950.91
 L = 1,884.63
 R = 5,729.58
 PC STA. = 152+34.40
 PT STA. = 171+19.03
 e = 0.037

CURVE DATA 429-5
 PI STA. = 262+45.30
 Δ = 18° 50' 47" (RT)
 D = 1° 00' 00"
 T = 950.91
 L = 1,884.63
 R = 5,729.58
 PC STA. = 252+94.39
 PT STA. = 271+79.02

CURVE DATA NB429-2
 PI STA. = 362+87.72
 Δ = 18° 50' 47" (RT)
 D = 0° 30' 00"
 T = 1,901.81
 L = 3,769.27
 R = 11,459.16
 PC STA. = 343+85.91
 PT STA. = 381+55.18
 e = RC



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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 ORLANDO, FL 32801
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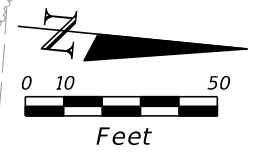
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



SR 429 PLAN SHEET (8)

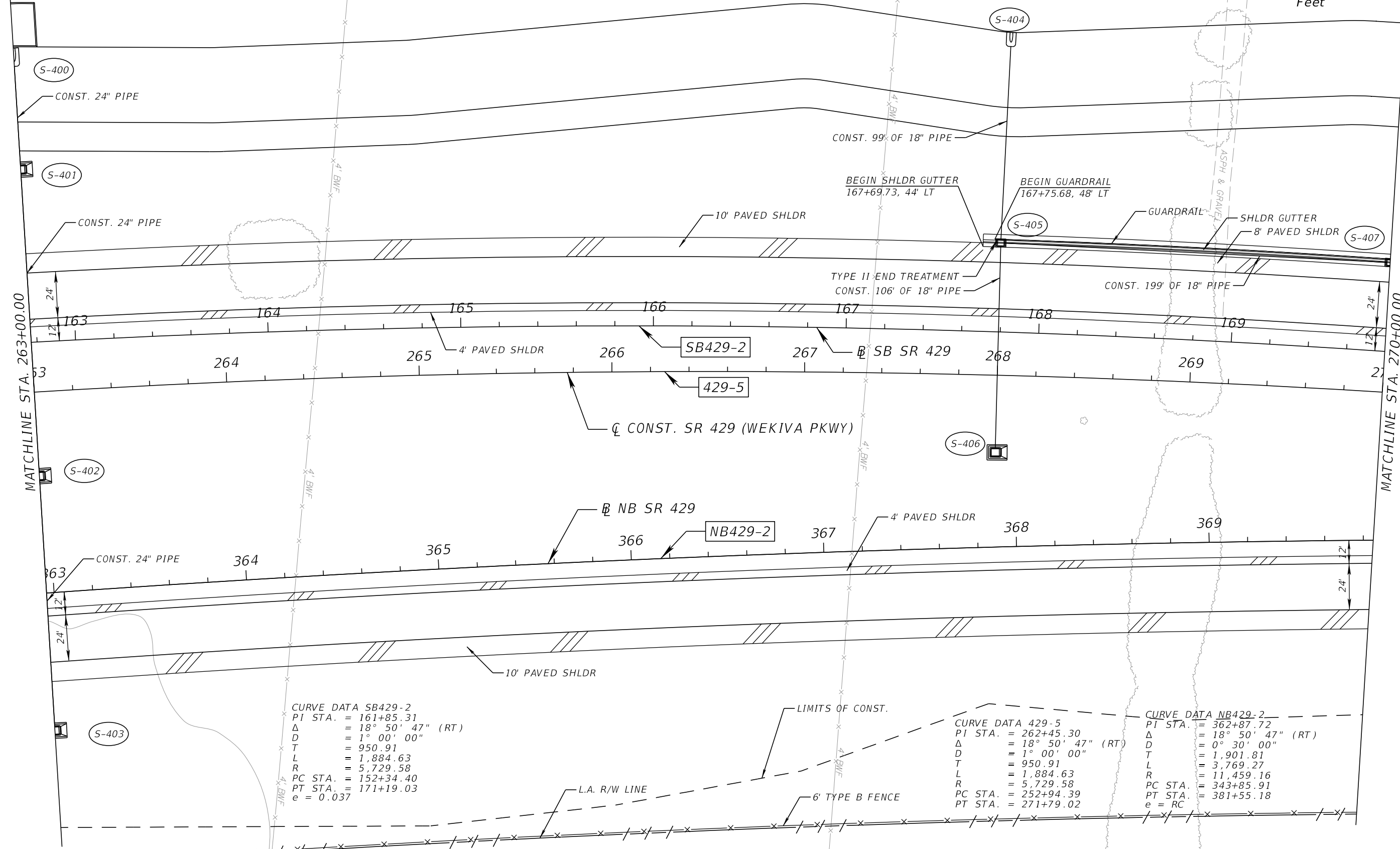
SHEET NO. 49

POND 203-4



MATCHLINE STA. 263+00.00

MATCHLINE STA. 270+00.00



CURVE DATA SB429-2
 PI STA. = 161+85.31
 Δ = 18° 50' 47" (RT)
 D = 1° 00' 00"
 T = 950.91
 L = 1,884.63
 R = 5,729.58
 PC STA. = 152+34.40
 PT STA. = 171+19.03
 e = 0.037

CURVE DATA 429-5
 PI STA. = 262+45.30
 Δ = 18° 50' 47" (RT)
 D = 1° 00' 00"
 T = 950.91
 L = 1,884.63
 R = 5,729.58
 PC STA. = 252+94.39
 PT STA. = 271+79.02

CURVE DATA NB429-2
 PI STA. = 362+87.72
 Δ = 18° 50' 47" (RT)
 D = 0° 30' 00"
 T = 1,901.81
 L = 3,769.27
 R = 11,459.16
 PC STA. = 343+85.91
 PT STA. = 381+55.18
 e = RC

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

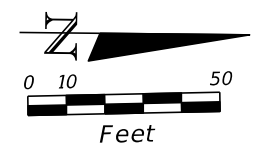
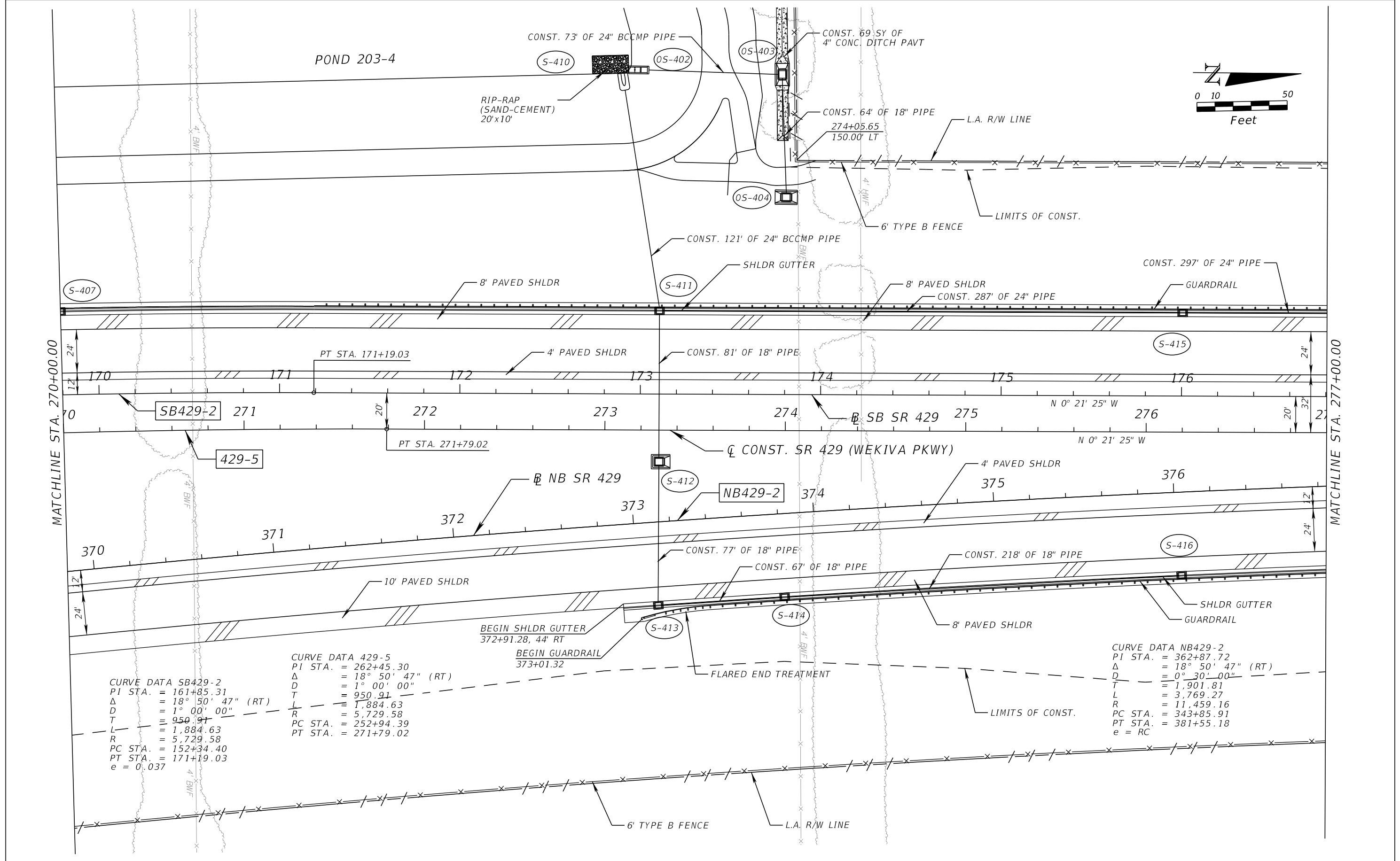
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
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 ORLANDO, FL 32801
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 ROAD NO. SR 429
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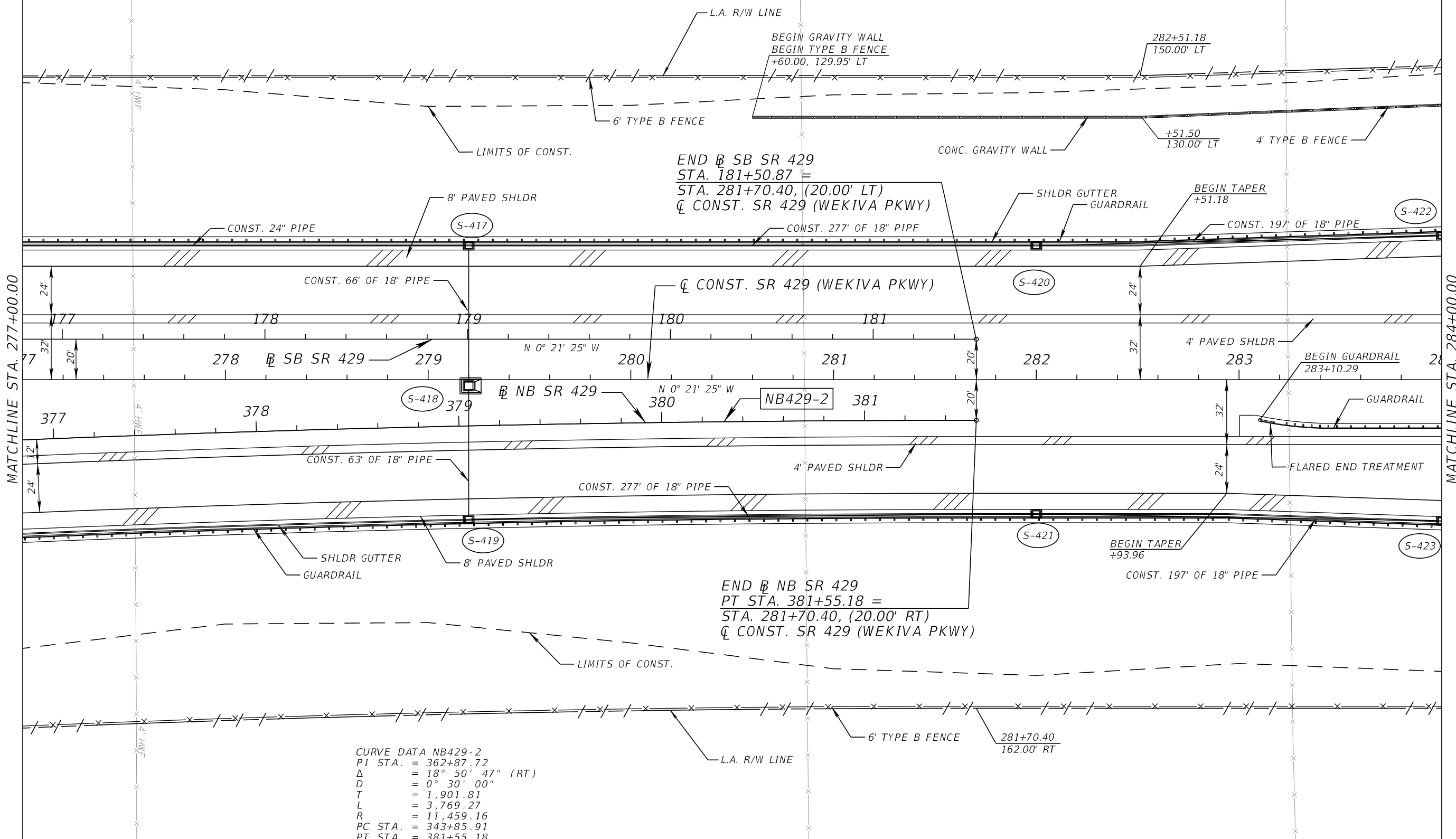
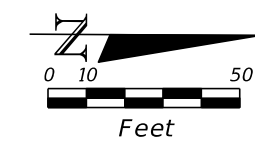


SR 429 PLAN SHEET (9)

SHEET NO. 50



REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. SR 429 PROJECT NO. 429-203			SR 429 PLAN SHEET (10)	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		51				



END B SB SR 429
 STA. 181+50.87 =
 STA. 281+70.40, (20.00' LT)
 Q CONST. SR 429 (WEKIVA PKWY)

END B NB SR 429
 PT STA. 381+55.18 =
 STA. 281+70.40, (20.00' RT)
 Q CONST. SR 429 (WEKIVA PKWY)

CURVE DATA NB429-2
 P1 STA. = 362+87.72
 Δ = 18° 50' 47" (RT)
 D = 0° 30' 00"
 T = 1,901.81
 L = 3,769.27
 R = 11,459.16
 PC STA. = 343+85.91
 PT STA. = 381+55.18
 e = RC

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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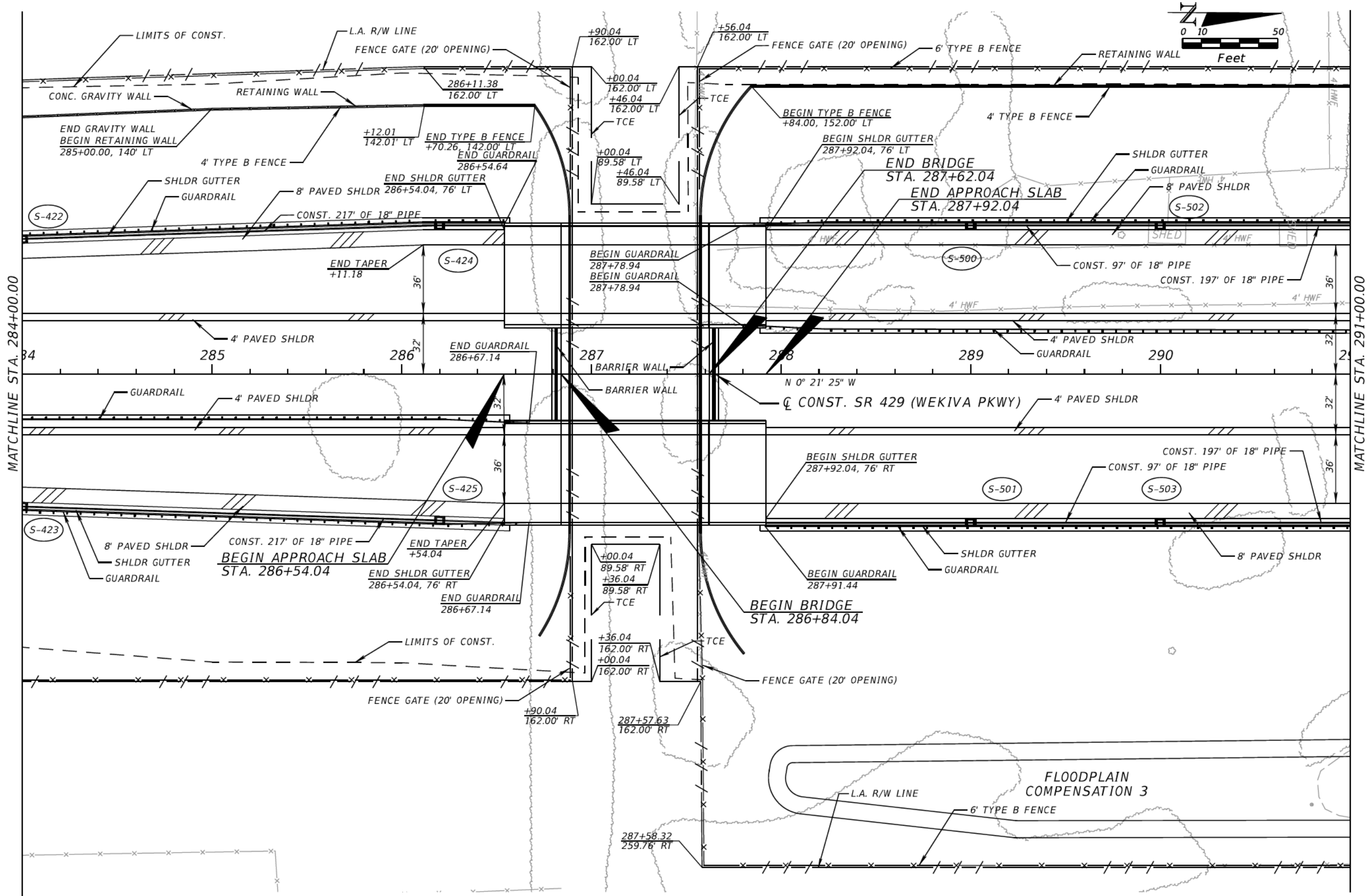
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PLAN SHEET (11)

SHEET NO.
52



MATCHLINE STA. 284+00.00

MATCHLINE STA. 291+00.00

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

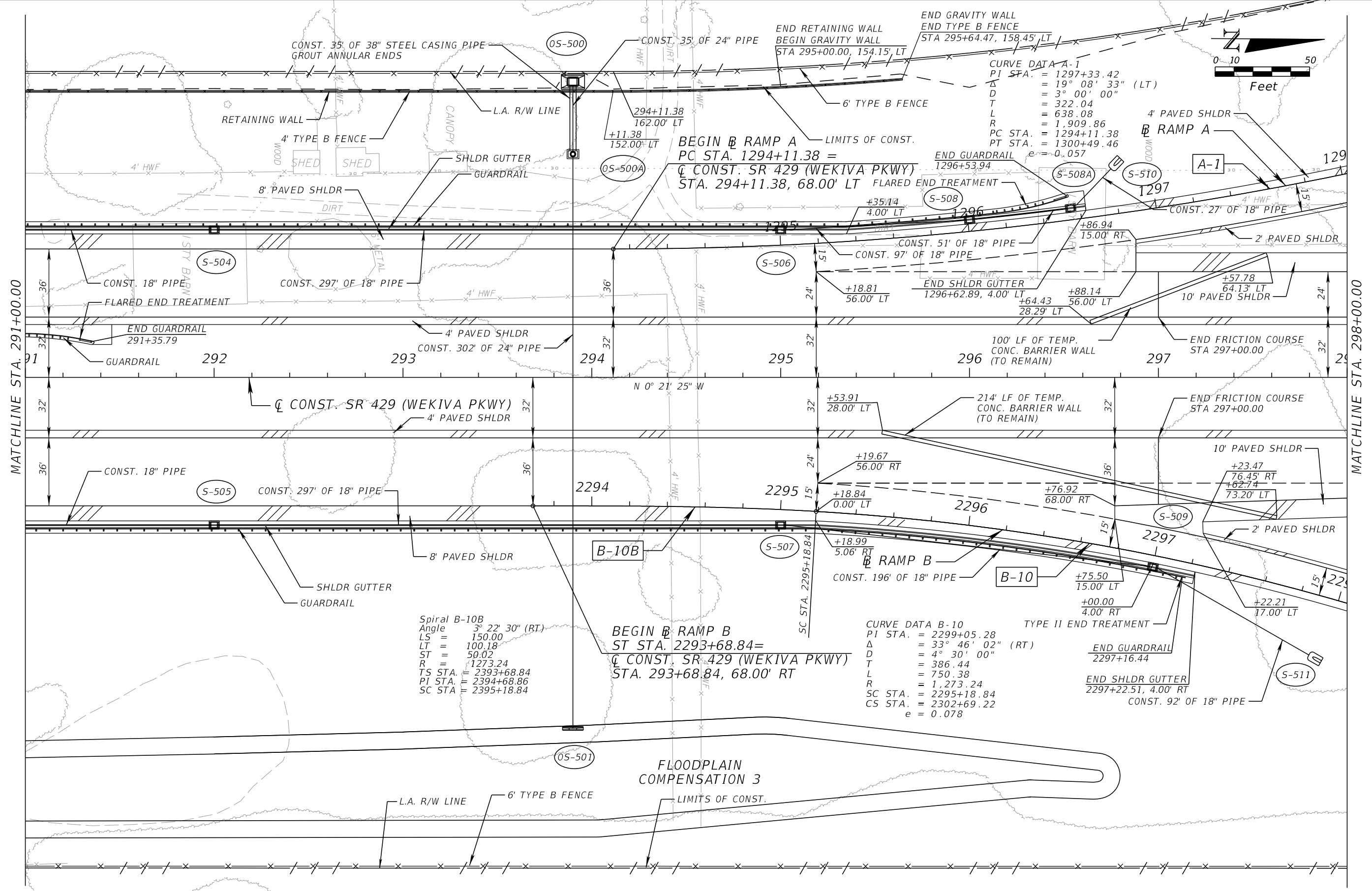
DANIEL F. CHRISTIE, P.E.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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SR 429 PLAN SHEET (12)

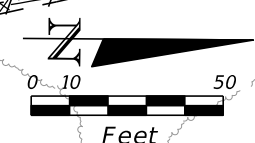
SHEET NO.
53



CURVE DATA A-1
 PI STA. = 1297+33.42
 Δ = 19° 08' 33" (LT)
 D = 3° 00' 00"
 T = 322.04
 L = 638.08
 R = 1,909.86
 PC STA. = 1294+11.38
 PT STA. = 1300+49.46
 e = 0.057

CURVE DATA B-10
 PI STA. = 2299+05.28
 Δ = 33° 46' 02" (RT)
 D = 4° 30' 00"
 T = 386.44
 L = 750.38
 R = 1,273.24
 SC STA. = 2295+18.84
 CS STA. = 2302+69.22
 e = 0.078

Spiral B-10B
 Angle = 3° 22' 30" (RT)
 LS = 150.00
 LT = 100.18
 ST = 50.02
 R = 1273.24
 TS STA. = 2393+68.84
 PI STA. = 2394+68.86
 SC STA. = 2395+18.84



MATCHLINE STA. 291+00.00

MATCHLINE STA. 298+00.00

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

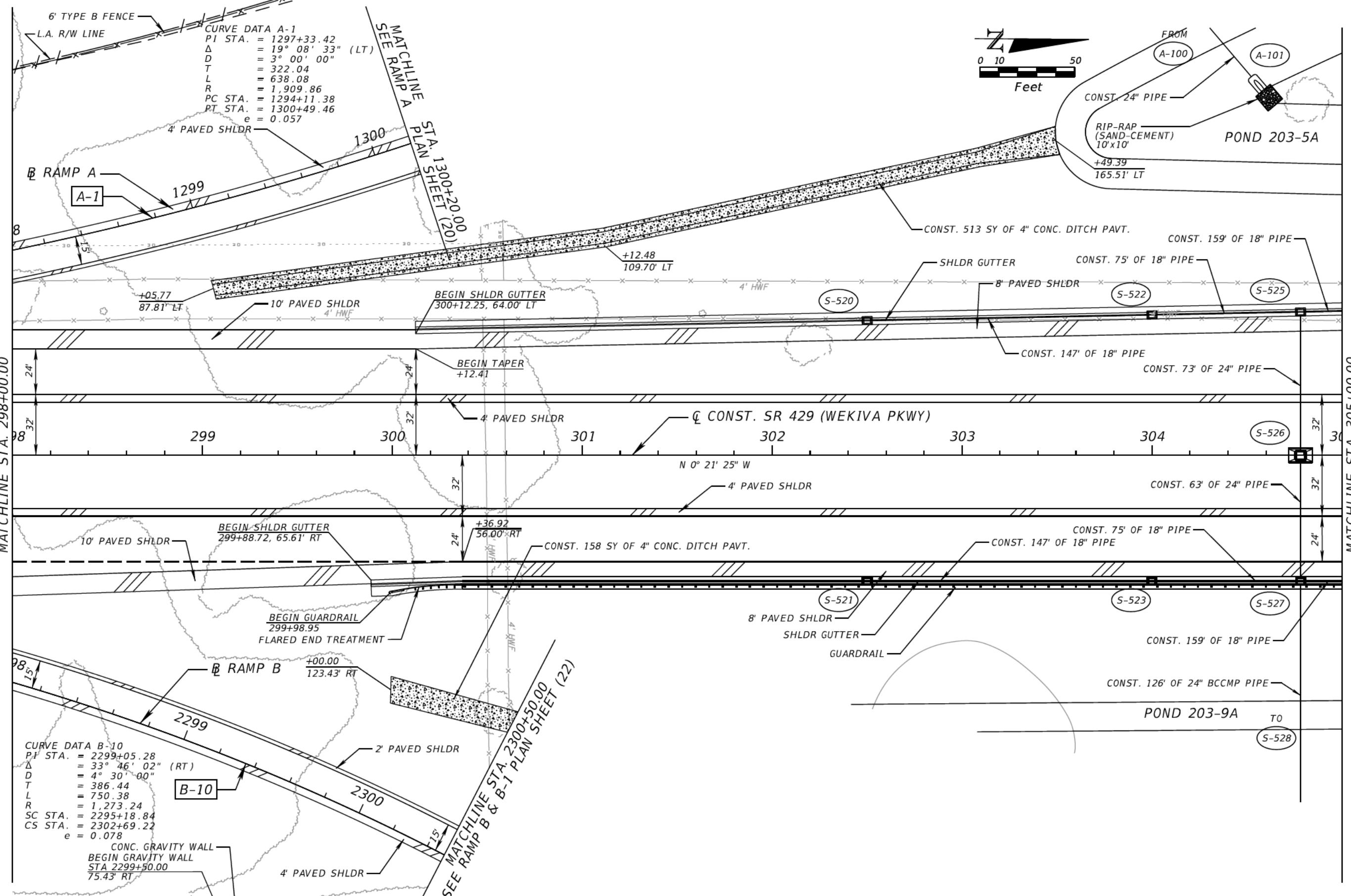
DANIEL F. CHRISTIE, P.E.
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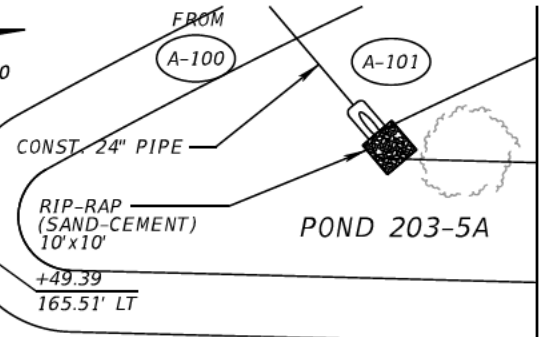
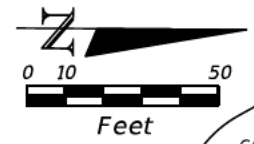
ROAD NO.	PROJECT NO.
SR 429	429-203

SR 429 PLAN SHEET (13)

SHEET NO.
54



CURVE DATA A-1
 PI STA. = 1297+33.42
 Δ = 19° 08' 33" (LT)
 D = 3° 00' 00"
 T = 322.04
 L = 638.08
 R = 1,909.86
 PC STA. = 1294+11.38
 PT STA. = 1300+49.46
 e = 0.057



CURVE DATA B-10
 PI STA. = 2299+05.28
 Δ = 33° 46' 02" (RT)
 D = 4° 30' 00"
 T = 386.44
 L = 750.38
 R = 1,273.24
 SC STA. = 2295+18.84
 CS STA. = 2302+69.22
 e = 0.078

CONC. GRAVITY WALL
 BEGIN GRAVITY WALL
 STA 2299+50.00
 75.43' RT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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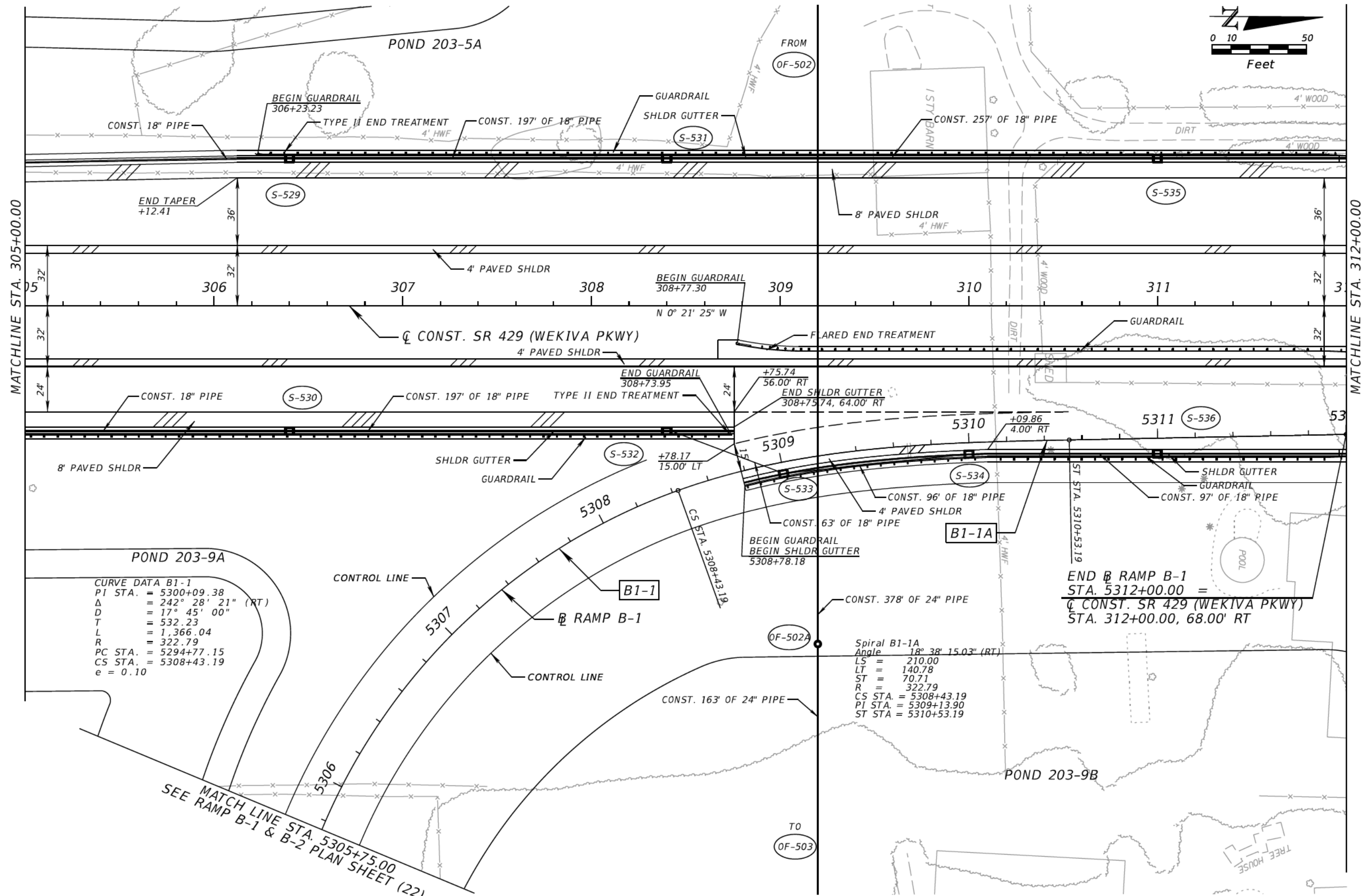
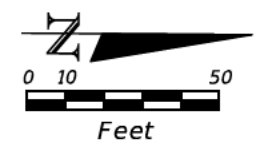
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PLAN SHEET (14)

SHEET NO.
55



CURVE DATA B1-1
 PI STA. = 5300+09.38
 Δ = 242° 28' 21" (RT)
 D = 17° 45' 00"
 T = 532.23
 L = 1,366.04
 R = 322.79
 PC STA. = 5294+77.15
 CS STA. = 5308+43.19
 e = 0.10

END @ RAMP B-1
 STA. 5312+00.00 =
 C CONST. SR 429 (WEKIVA PKWY)
 STA. 312+00.00, 68.00' RT

Spiral B1-1A
 Angle = 18° 38' 15.03" (RT)
 LS = 210.00
 LT = 140.78
 ST = 70.71
 R = 322.79
 CS STA. = 5308+43.19
 PI STA. = 5309+13.90
 ST STA. = 5310+53.19

MATCH LINE STA. 5305+75.00
 SEE RAMP B-1 & B-2 PLAN SHEET (22)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

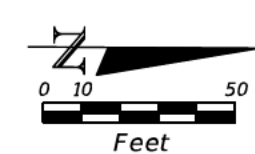
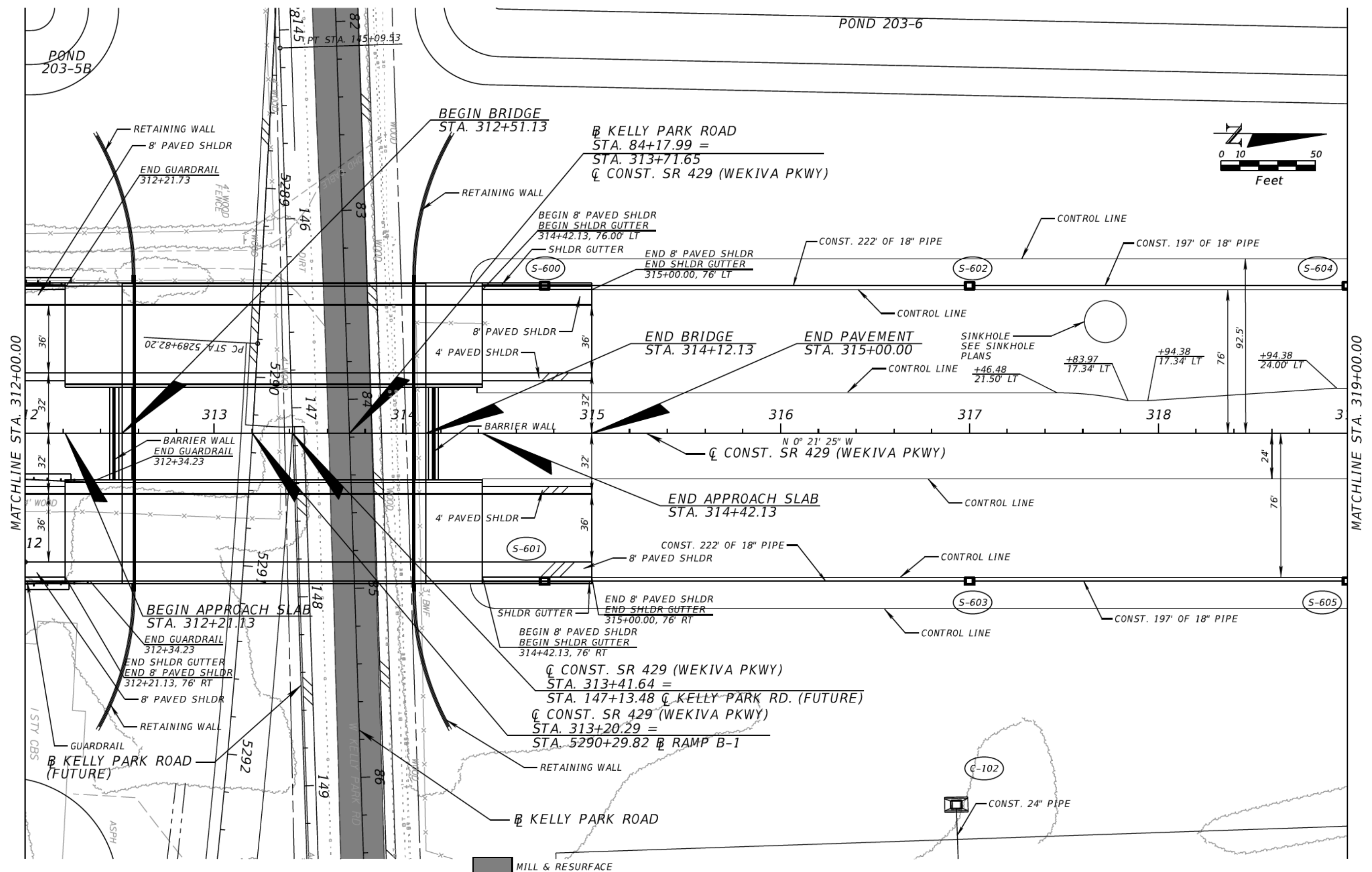
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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SR 429 PLAN SHEET (15)

SHEET NO.
56



MATCHLINE STA. 312+00.00

MATCHLINE STA. 319+00.00

MILL & RESURFACE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

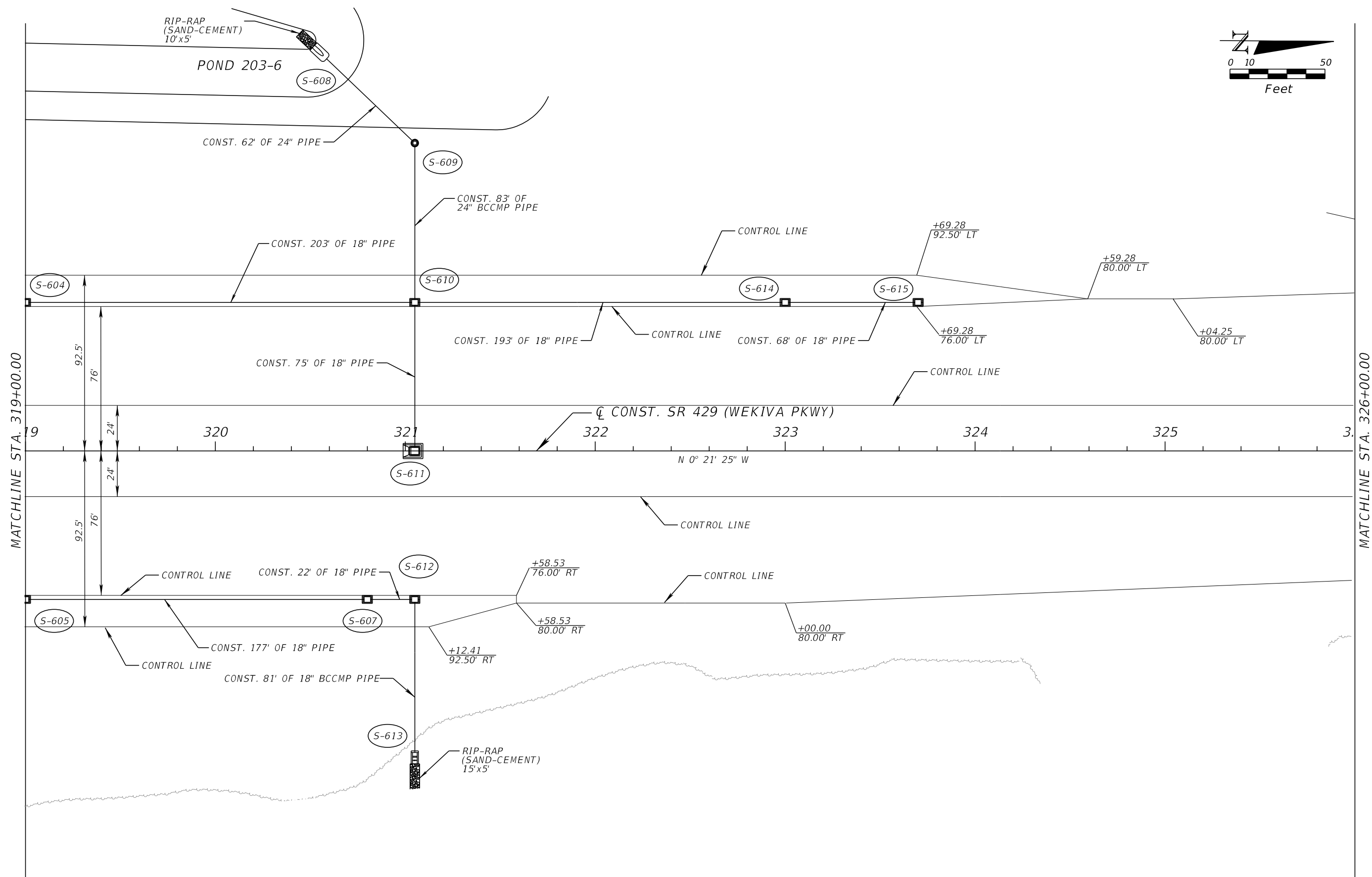
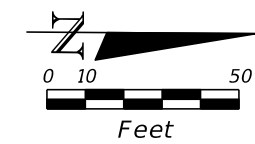
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PLAN SHEET (16)

SHEET NO.
57



REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

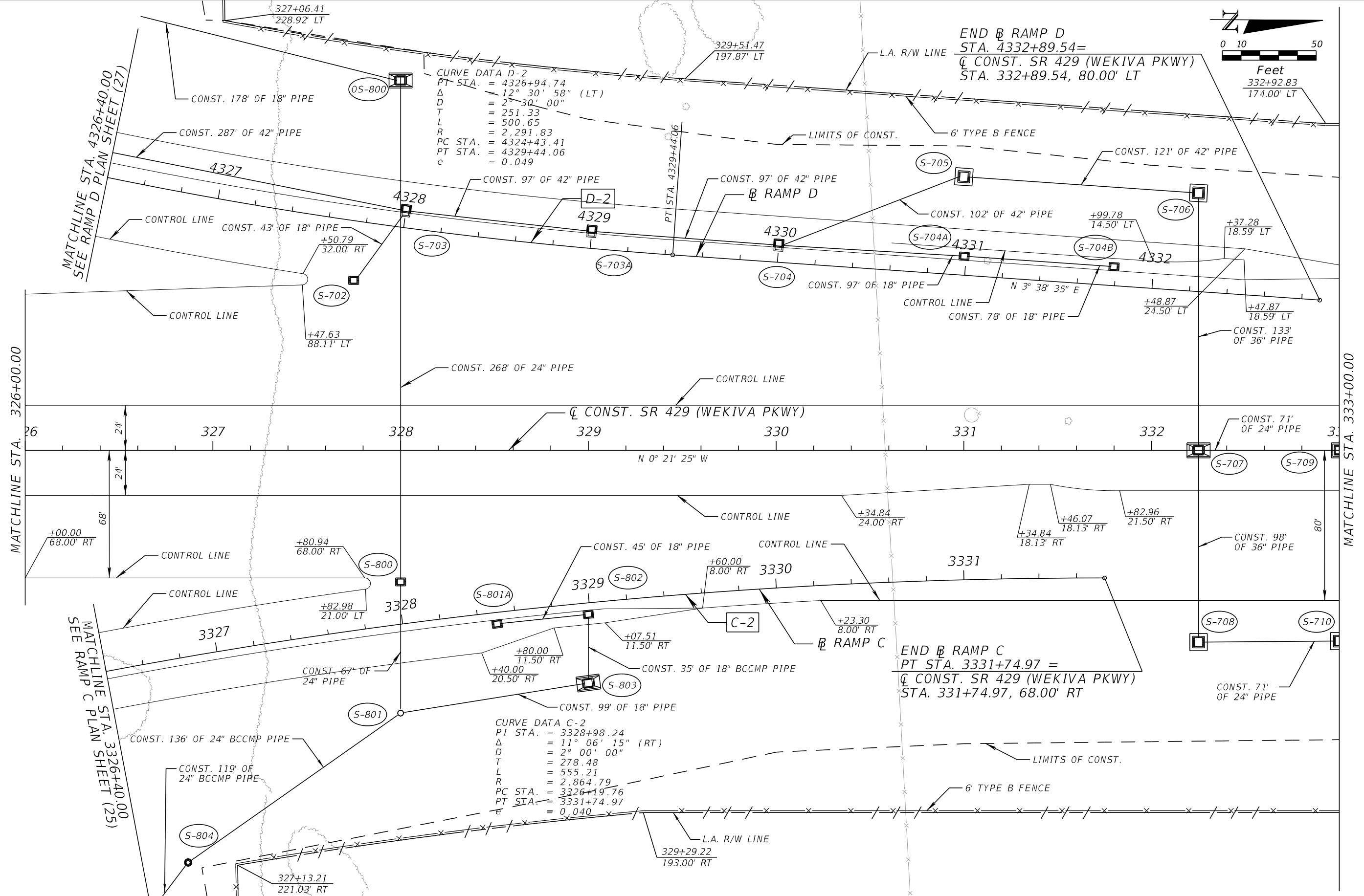
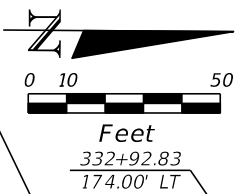
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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SR 429 PLAN SHEET (17)

SHEET NO.
58



CURVE DATA D-2
 PT STA. = 4326+94.74
 Δ = 12° 30' 58" (LT)
 D = 2° 30' 00"
 T = 251.33
 L = 500.65
 R = 2,291.83
 PC STA. = 4324+43.41
 PT STA. = 4329+44.06
 e = 0.049

CURVE DATA C-2
 PI STA. = 3328+98.24
 Δ = 11° 06' 15" (RT)
 D = 2° 00' 00"
 T = 278.48
 L = 555.21
 R = 2,864.79
 PC STA. = 3326+19.76
 PT STA. = 3331+74.97
 e = 0.040

END **B** RAMP D
 STA. 4332+89.54 =
 \bar{C} CONST. SR 429 (WEKIVA PKWY)
 STA. 332+89.54, 80.00' LT

END **B** RAMP C
 PT STA. 3331+74.97 =
 \bar{C} CONST. SR 429 (WEKIVA PKWY)
 STA. 331+74.97, 68.00' RT

MATCHLINE STA. 326+00.00

MATCHLINE STA. 333+00.00

MATCHLINE STA. 4326+40.00
SEE RAMP D PLAN SHEET (27)

MATCHLINE STA. 3326+40.00
SEE RAMP C PLAN SHEET (25)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

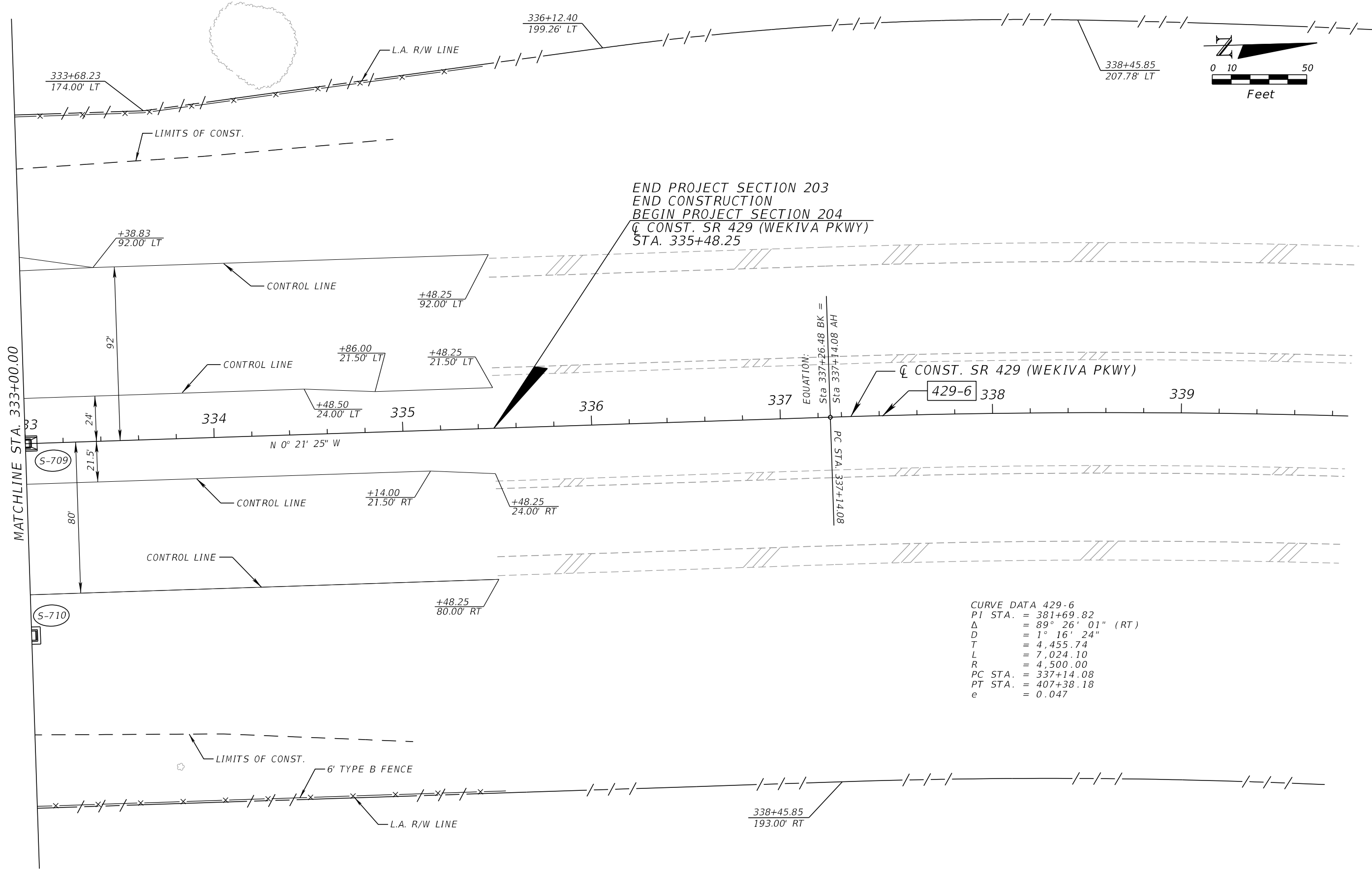
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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SR 429 PLAN SHEET (18)


SHEET NO.
59



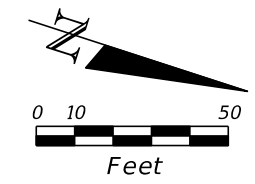
END PROJECT SECTION 203
 END CONSTRUCTION
 BEGIN PROJECT SECTION 204
 C CONST. SR 429 (WEKIVA PKWY)
 STA. 335+48.25

CURVE DATA 429-6
 PI STA. = 381+69.82
 Δ = 89° 26' 01" (RT)
 D = 1° 16' 24"
 T = 4,455.74
 L = 7,024.10
 R = 4,500.00
 PC STA. = 337+14.08
 PT STA. = 407+38.18
 e = 0.047

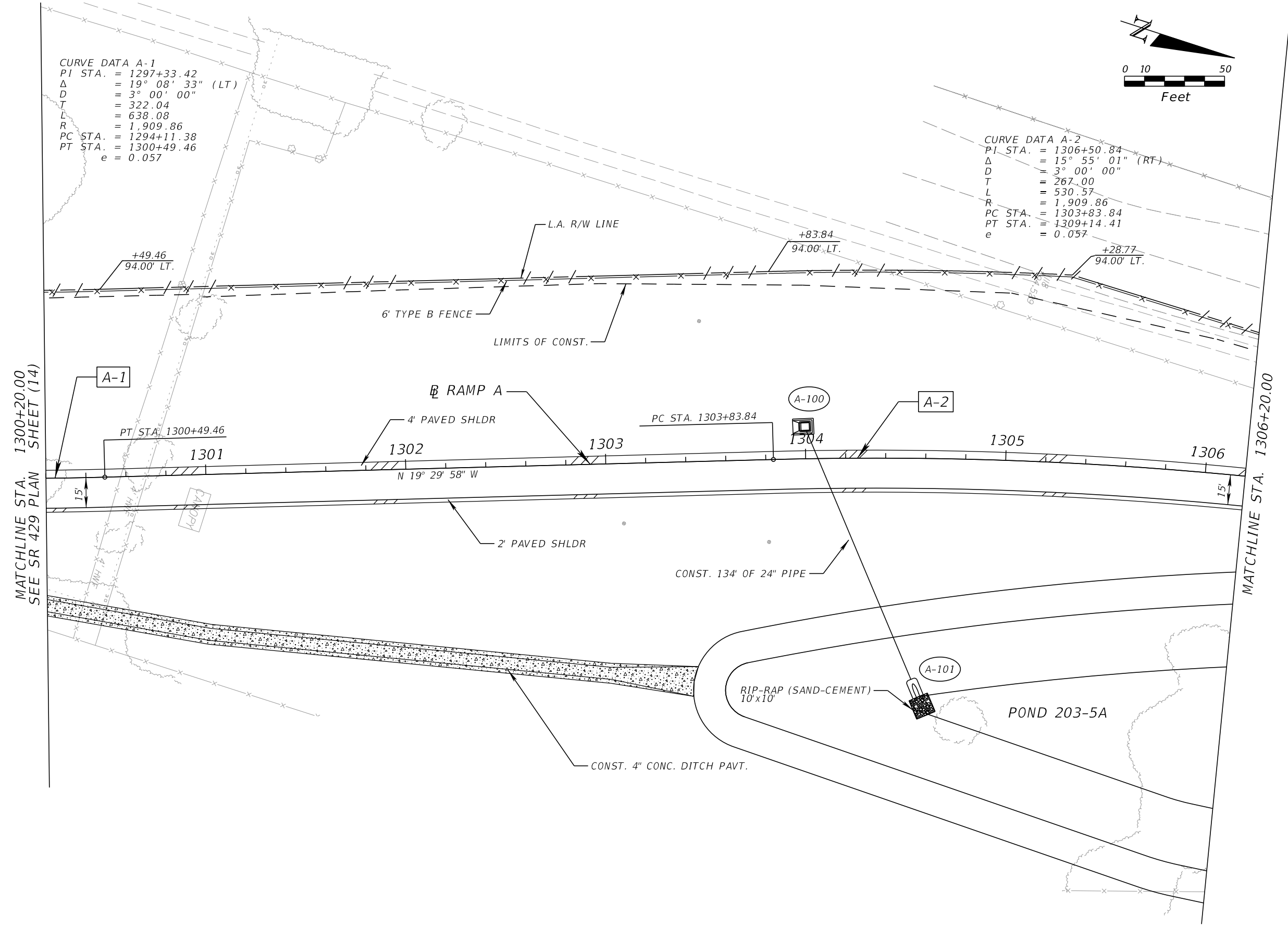
MATCHLINE STA. 333+00.00

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY 		SR 429 PLAN SHEET (19)	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.		60
							SR 429	429-203		

CURVE DATA A-1
 PI STA. = 1297+33.42
 Δ = 19° 08' 33" (LT)
 D = 3° 00' 00"
 T = 322.04
 L = 638.08
 R = 1,909.86
 PC STA. = 1294+11.38
 PT STA. = 1300+49.46
 e = 0.057




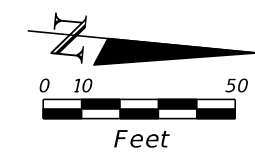
CURVE DATA A-2
 PI STA. = 1306+50.84
 Δ = 15° 55' 01" (RT)
 D = 3° 00' 00"
 T = 267.00
 L = 530.57
 R = 1,909.86
 PC STA. = 1303+83.84
 PT STA. = 1309+14.41
 e = 0.057



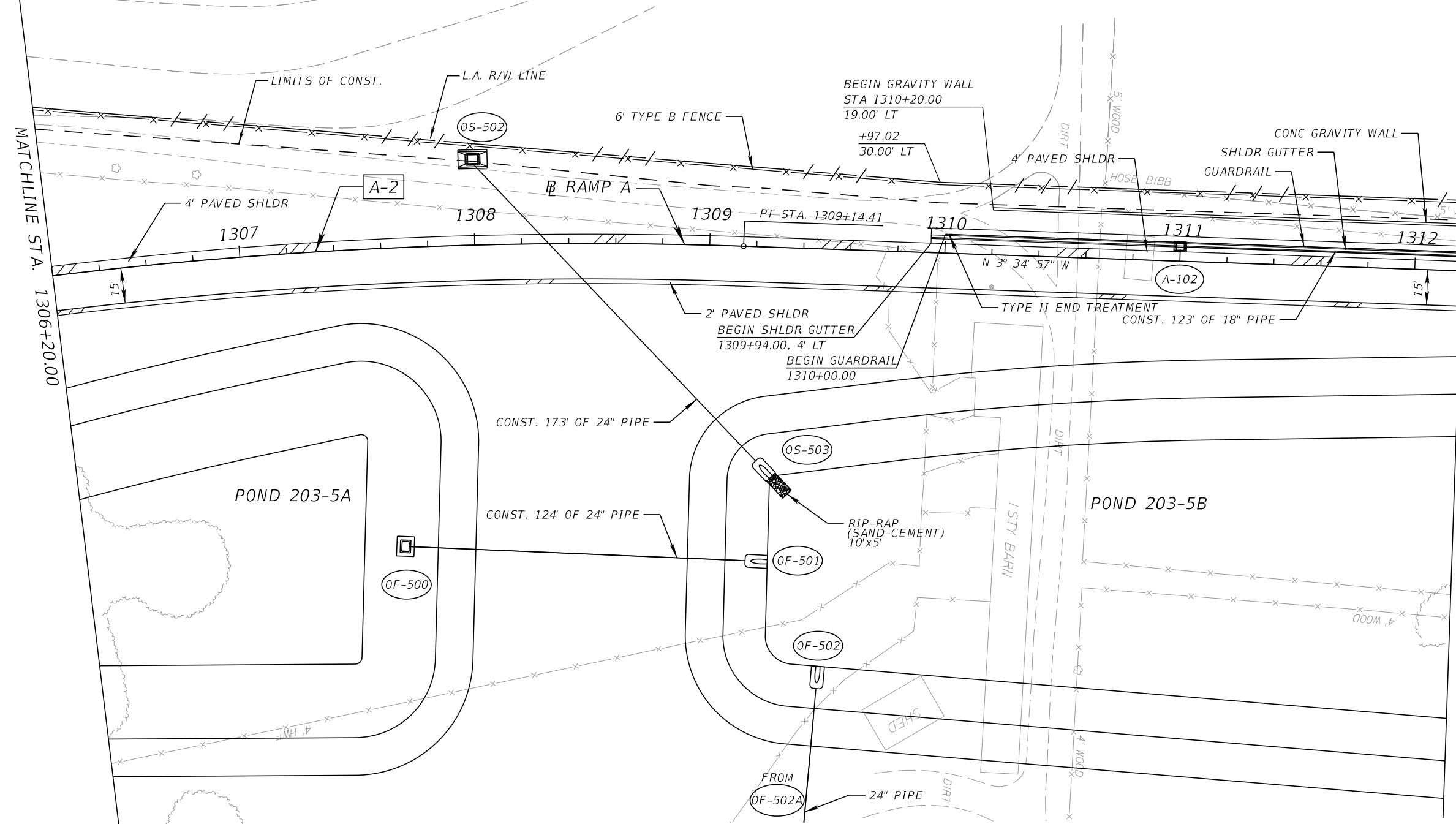
MATCHLINE STA. 1300+20.00
SEE SR 429 PLAN SHEET (14)

MATCHLINE STA. 1306+20.00

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.		61
							SR 429	429-203		



CURVE DATA A-2
 PI STA. = 1306+50.84
 Δ = 15° 55' 01" (RT)
 D = 3° 00' 00"
 T = 267.00
 L = 530.57
 R = 1,909.86
 PC STA. = 1303+83.84
 PT STA. = 1309+14.41
 e = 0.057



MATCHLINE STA. 1306+20.00

MATCHLINE STA. 1312+20.00
SEE KELLY PARK RD PLAN SHEET (29)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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 ORLANDO, FL 32801
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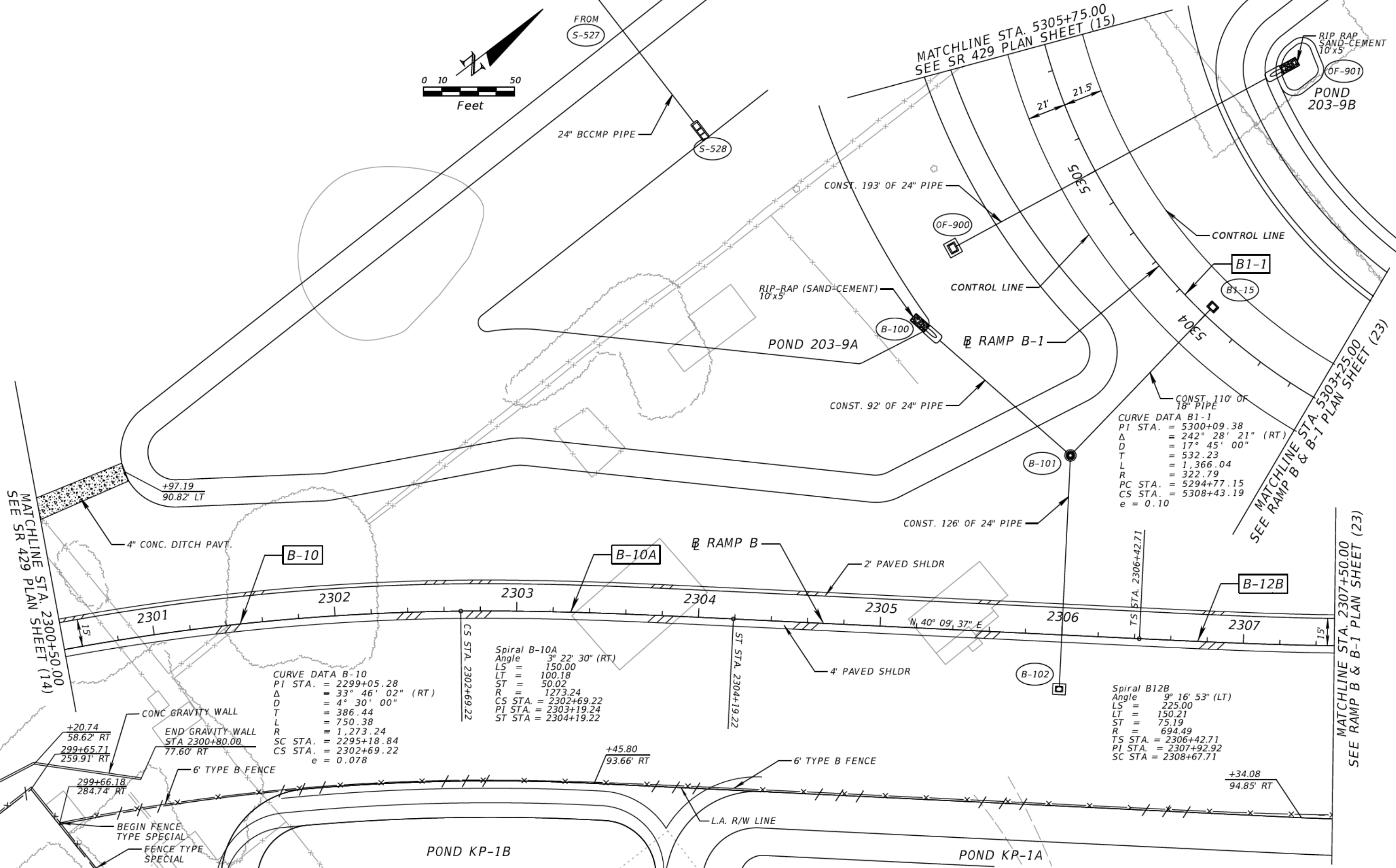
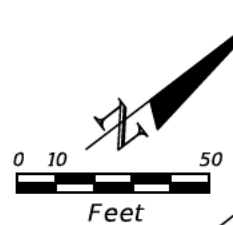
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



RAMP A PLAN SHEET (21)

SHEET NO.
62



CURVE DATA B1-1
 PI STA. = 5300+09.38
 Δ = 242° 28' 21" (RT)
 D = 17° 45' 00"
 T = 532.23
 L = 1,366.04
 R = 322.79
 PC STA. = 5294+77.15
 CS STA. = 5308+43.19
 e = 0.10

CURVE DATA B-10
 PI STA. = 2299+05.28
 Δ = 33° 46' 02" (RT)
 D = 4° 30' 00"
 T = 386.44
 L = 750.38
 R = 1,273.24
 SC STA. = 2295+18.84
 CS STA. = 2302+69.22
 e = 0.078

Spiral B-10A
 Angle = 3° 22' 30" (RT)
 LS = 150.00
 LT = 100.18
 ST = 50.02
 R = 1273.24
 CS STA. = 2302+69.22
 PI STA. = 2303+19.24
 ST STA. = 2304+19.22

Spiral B12B
 Angle = 9° 16' 53" (LT)
 LS = 225.00
 LT = 150.21
 ST = 75.19
 R = 694.49
 TS STA. = 2306+42.71
 PI STA. = 2307+92.92
 SC STA. = 2308+67.71

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

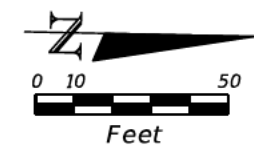
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
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RAMPS B & B-1 PLAN SHEET (22)

SHEET NO. 63



MATCHLINE STA. 5303+25.00
SEE RAMP B & B-1 PLAN SHEET (22)

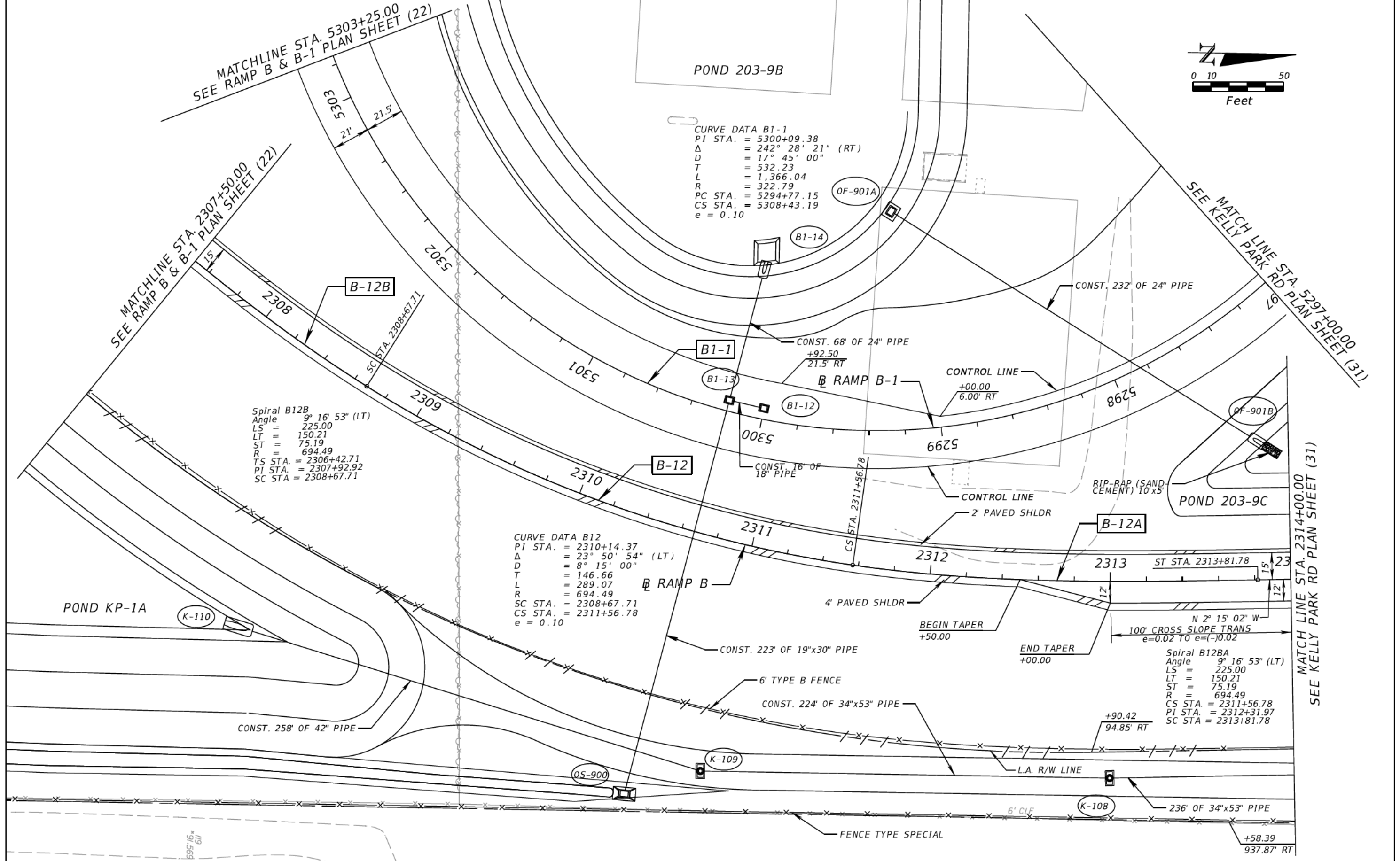
POND 203-9B

CURVE DATA B1-1
 PI STA. = 5300+09.38
 Δ = 242° 28' 21" (RT)
 D = 17° 45' 00"
 T = 532.23
 L = 1,366.04
 R = 322.79
 PC STA. = 5294+77.15
 CS STA. = 5308+43.19
 e = 0.10

Spiral B12B
 Angle = 9° 16' 53" (LT)
 LS = 225.00
 LT = 150.21
 ST = 75.19
 R = 694.49
 TS STA. = 2306+42.71
 PI STA. = 2307+92.92
 SC STA. = 2308+67.71

CURVE DATA B12
 PI STA. = 2310+14.37
 Δ = 23° 50' 54" (LT)
 D = 8° 15' 00"
 T = 146.66
 L = 289.07
 R = 694.49
 SC STA. = 2308+67.71
 CS STA. = 2311+56.78
 e = 0.10

Spiral B12BA
 Angle = 9° 16' 53" (LT)
 LS = 225.00
 LT = 150.21
 ST = 75.19
 R = 694.49
 CS STA. = 2311+56.78
 PI STA. = 2312+31.97
 SC STA. = 2313+81.78



MATCHLINE STA. 5297+00.00
SEE KELLY PARK RD PLAN SHEET (31)

MATCHLINE STA. 2314+00.00
SEE KELLY PARK RD PLAN SHEET (31)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

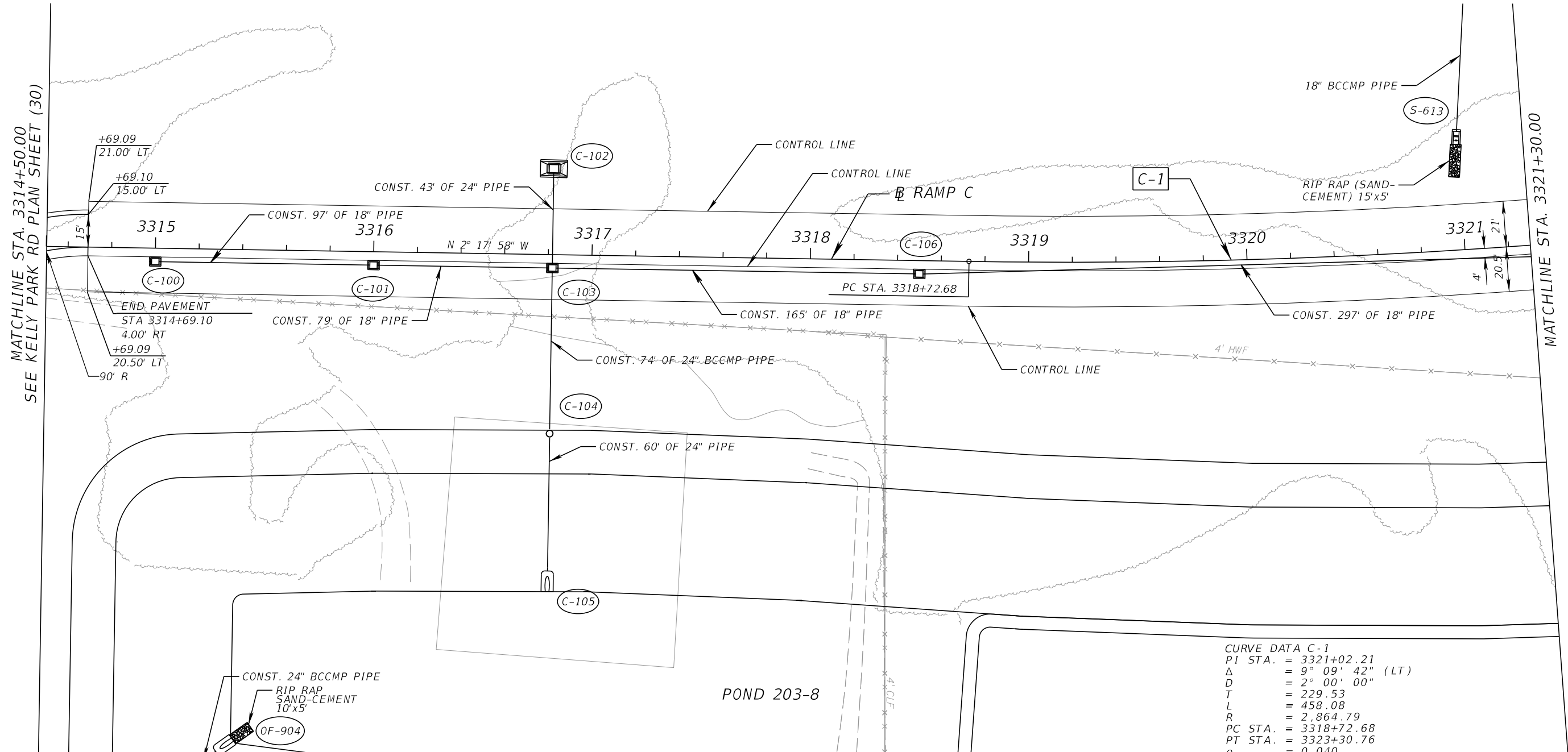
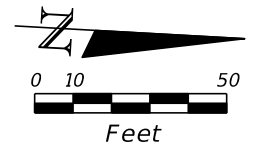
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



RAMPS B & B-1 PLAN SHEET (23)

SHEET NO. 64



MATCHLINE STA. 3314+50.00
SEE KELLY PARK RD PLAN SHEET (30)

MATCHLINE STA. 3321+30.00

CURVE DATA C-1
 PI STA. = 3321+02.21
 Δ = 9° 09' 42" (LT)
 D = 2° 00' 00"
 T = 229.53
 L = 458.08
 R = 2,864.79
 PC STA. = 3318+72.68
 PT STA. = 3323+30.76
 e = 0.040

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

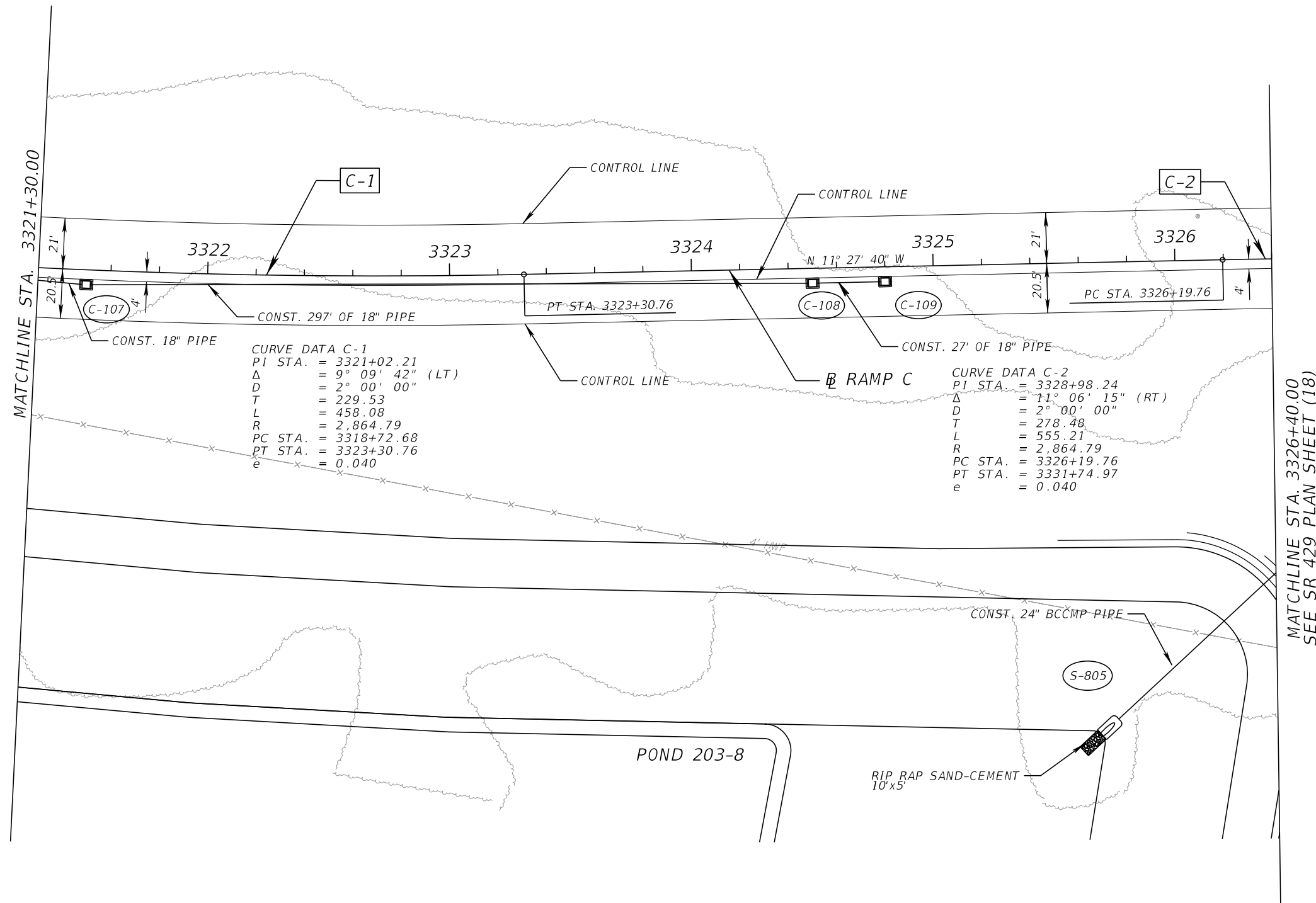
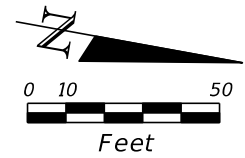
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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 PROJECT NO. 429-203




RAMP C PLAN SHEET (24)

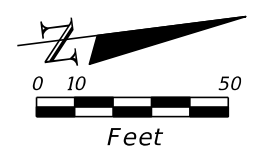
SHEET NO. 65



CURVE DATA C-1
 PI STA. = 3321+02.21
 Δ = 9° 09' 42" (LT)
 D = 2° 00' 00"
 T = 229.53
 L = 458.08
 R = 2,864.79
 PC STA. = 3318+72.68
 PT STA. = 3323+30.76
 e = 0.040

CURVE DATA C-2
 PI STA. = 3328+98.24
 Δ = 11° 06' 15" (RT)
 D = 2° 00' 00"
 T = 278.48
 L = 555.21
 R = 2,864.79
 PC STA. = 3326+19.76
 PT STA. = 3331+74.97
 e = 0.040

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. SR 429 PROJECT NO. 429-203			RAMP C PLAN SHEET (25)	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		66				

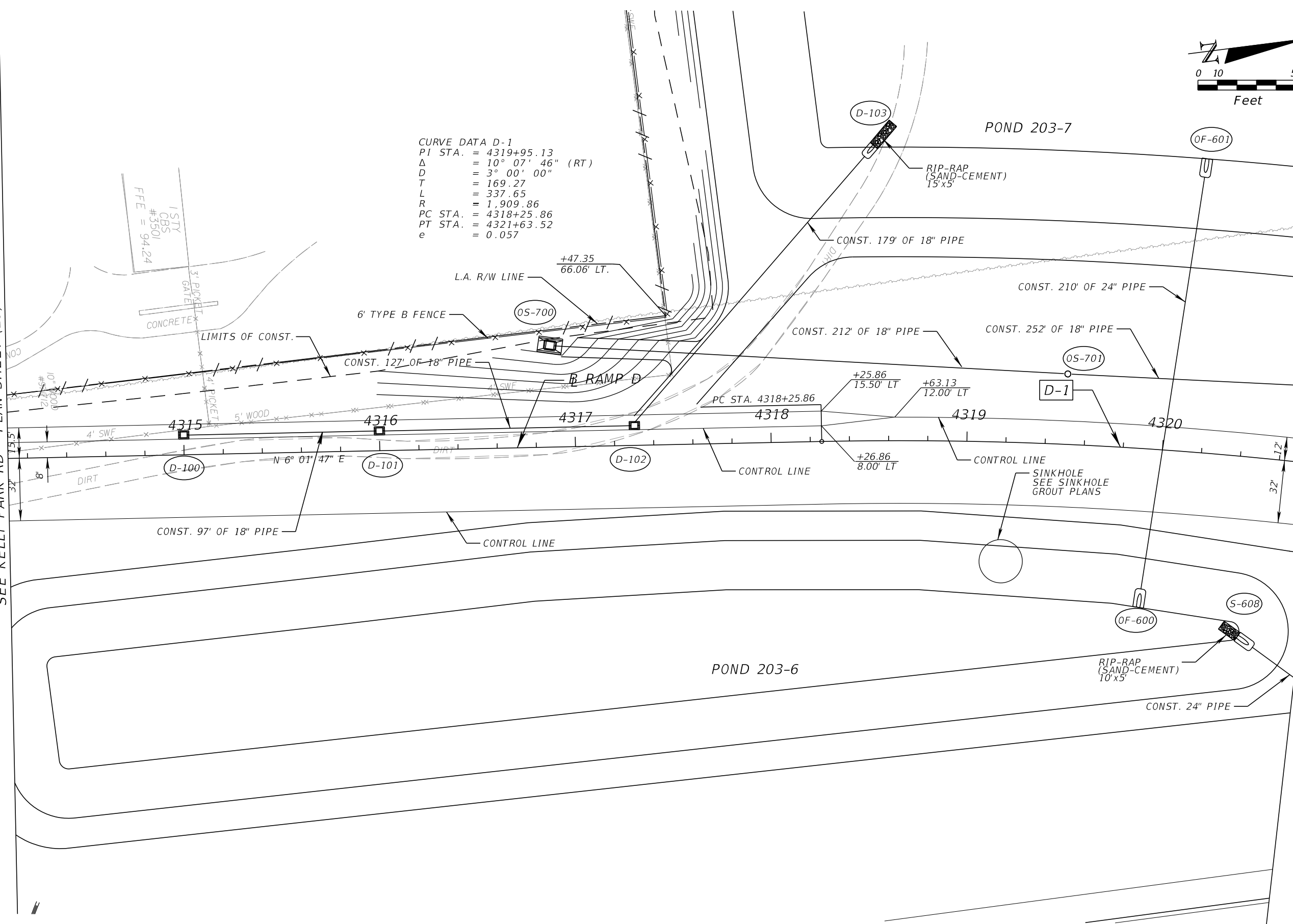


CURVE DATA D-1
 PI STA. = 4319+95.13
 Δ = 10° 07' 46" (RT)
 D = 3° 00' 00"
 T = 169.27
 L = 337.65
 R = 1,909.86
 PC STA. = 4318+25.86
 PT STA. = 4321+63.52
 e = 0.057

1 STY
 CBS
 #3501
 FFE = 94.24

MATCHLINE STA. 4314+10.00
 SEE KELLY PARK RD. PLAN SHEET (29)

MATCHLINE STA. 4320+80.00



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

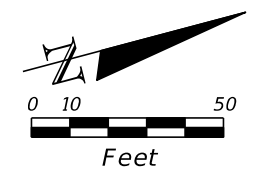
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



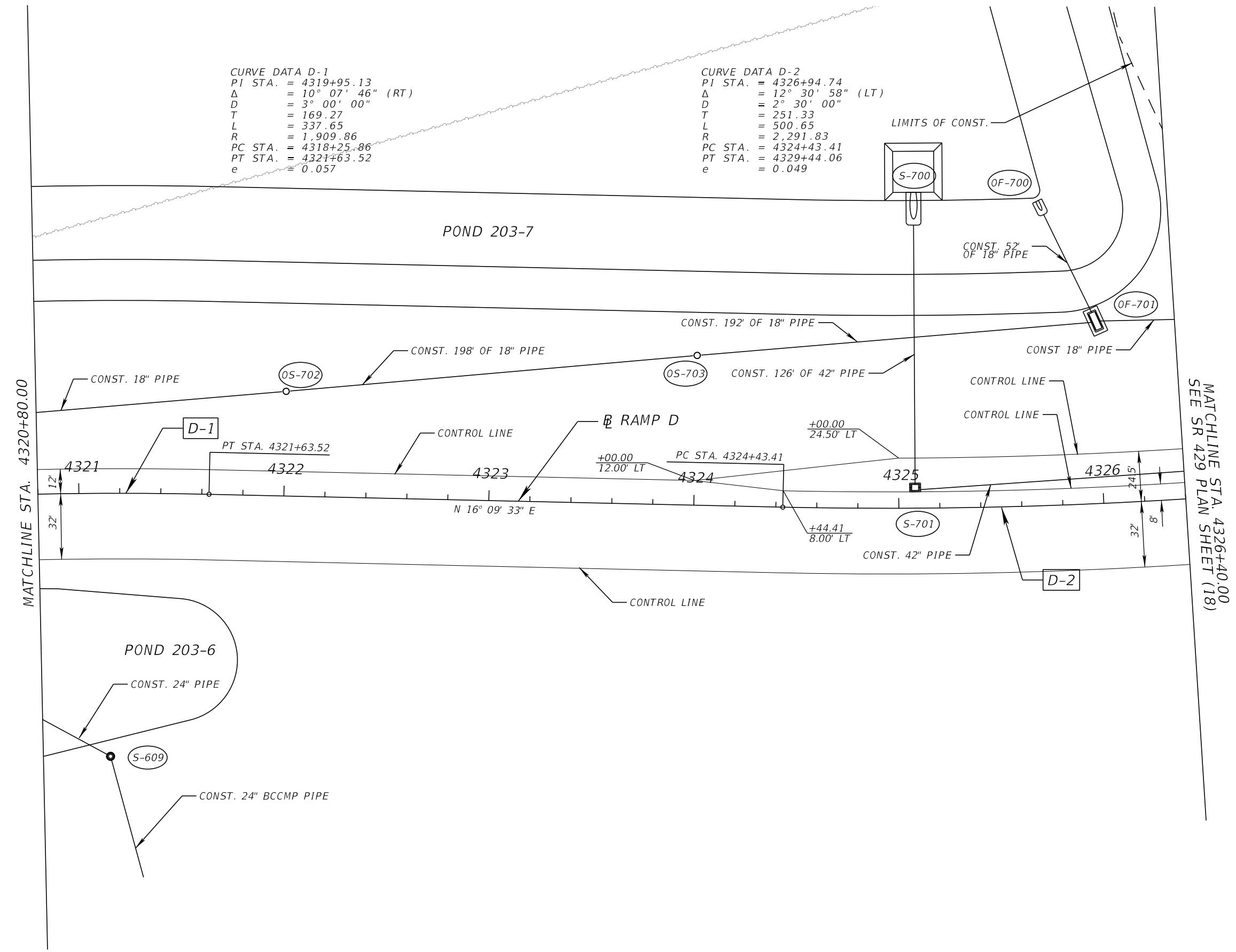
RAMP D PLAN SHEET (26)

SHEET NO.
67



CURVE DATA D-1
 PI STA. = 4319+95.13
 Δ = 10° 07' 46" (RT)
 D = 3° 00' 00"
 T = 169.27
 L = 337.65
 R = 1,909.86
 PC STA. = 4318+25.86
 PT STA. = 4321+63.52
 e = 0.057

CURVE DATA D-2
 PI STA. = 4326+94.74
 Δ = 12° 30' 58" (LT)
 D = 2° 30' 00"
 T = 251.33
 L = 500.65
 R = 2,291.83
 PC STA. = 4324+43.41
 PT STA. = 4329+44.06
 e = 0.049



MATCHLINE STA. 4320+80.00

MATCHLINE STA. 4326+40.00
SEE SR 429 PLAN SHEET (18)

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

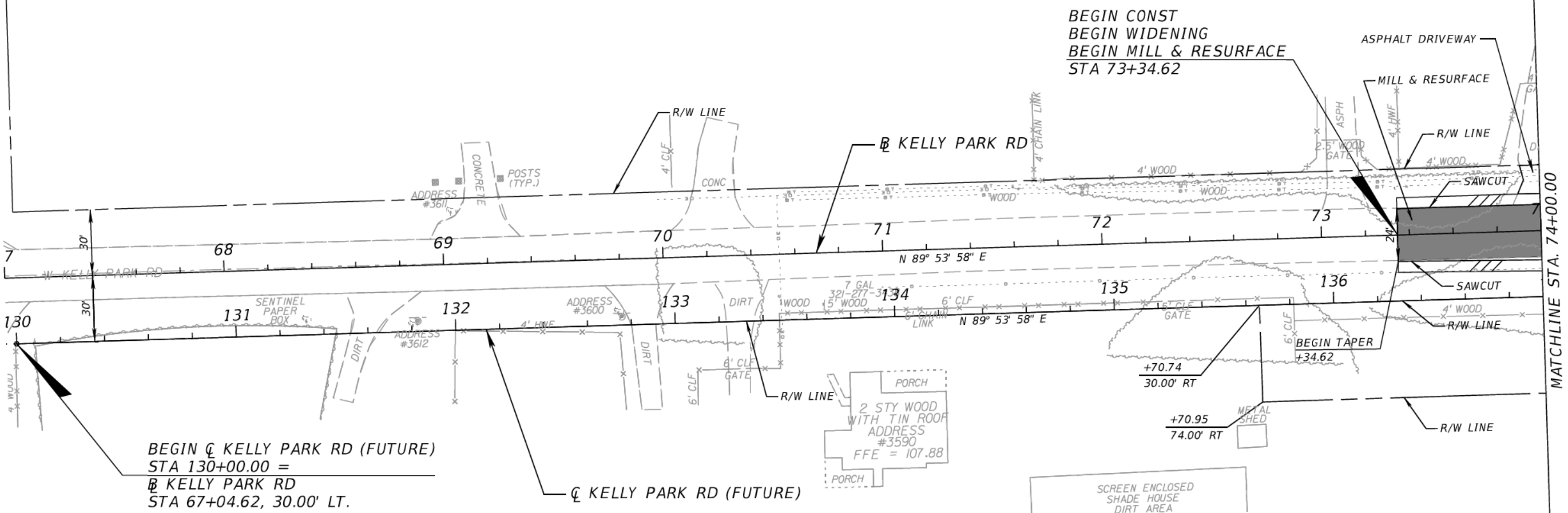
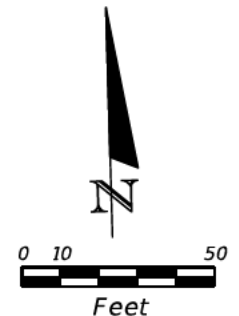
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



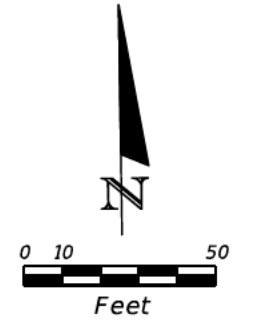
RAMP D PLAN SHEET (27)

SHEET NO.
68



MILL & RESURFACE

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			KELLY PARK RD PLAN SHEET (28)	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			69
							SR 429	429-203			



END PAVEMENT
STA. 4314+05.47
RAMP D

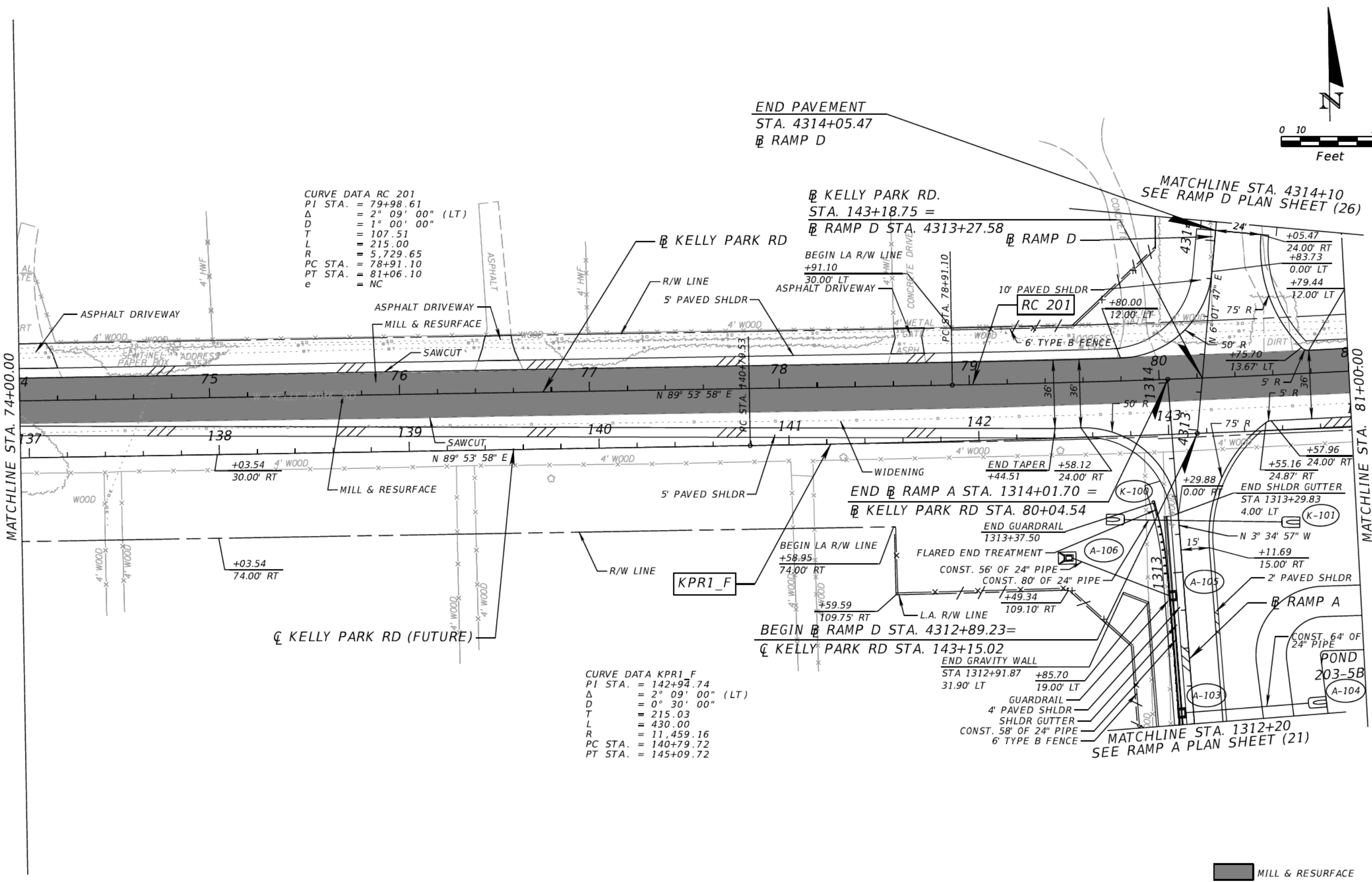
CURVE DATA RC 201
PI STA. = 79+98.61
Δ = 2° 09' 00" (LT)
D = 1° 00' 00"
T = 107.51
L = 215.00
R = 5,729.65
PC STA. = 78+91.10
PT STA. = 81+06.10
e = NC

KELLY PARK RD.
STA. 143+18.75 =
RAMP D STA. 4313+27.58

MATCHLINE STA. 4314+10
SEE RAMP D PLAN SHEET (26)

MATCHLINE STA. 74+00.00

MATCHLINE STA. 81+00.00



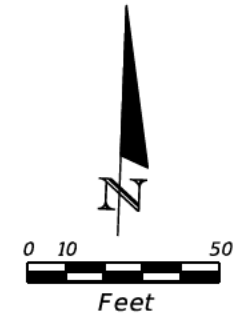
CURVE DATA KPR1_F
PI STA. = 142+94.74
Δ = 2° 09' 00" (LT)
D = 0° 30' 00"
T = 215.03
L = 430.00
R = 11,459.16
PC STA. = 140+79.72
PT STA. = 145+09.72

MILL & RESURFACE

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	KELLY PARK RD PLAN SHEET (29)	SHEET NO. 70
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				

CURVE DATA RC 201
 PI STA. = 79+98.61
 Δ = 2° 09' 00" (LT)
 D = 1° 00' 00"
 T = 107.51
 L = 215.00
 R = 5,729.65
 PC STA. = 78+91.10
 PT STA. = 81+06.10
 e = NC

END BRIDGE
 STA. 314+12.13

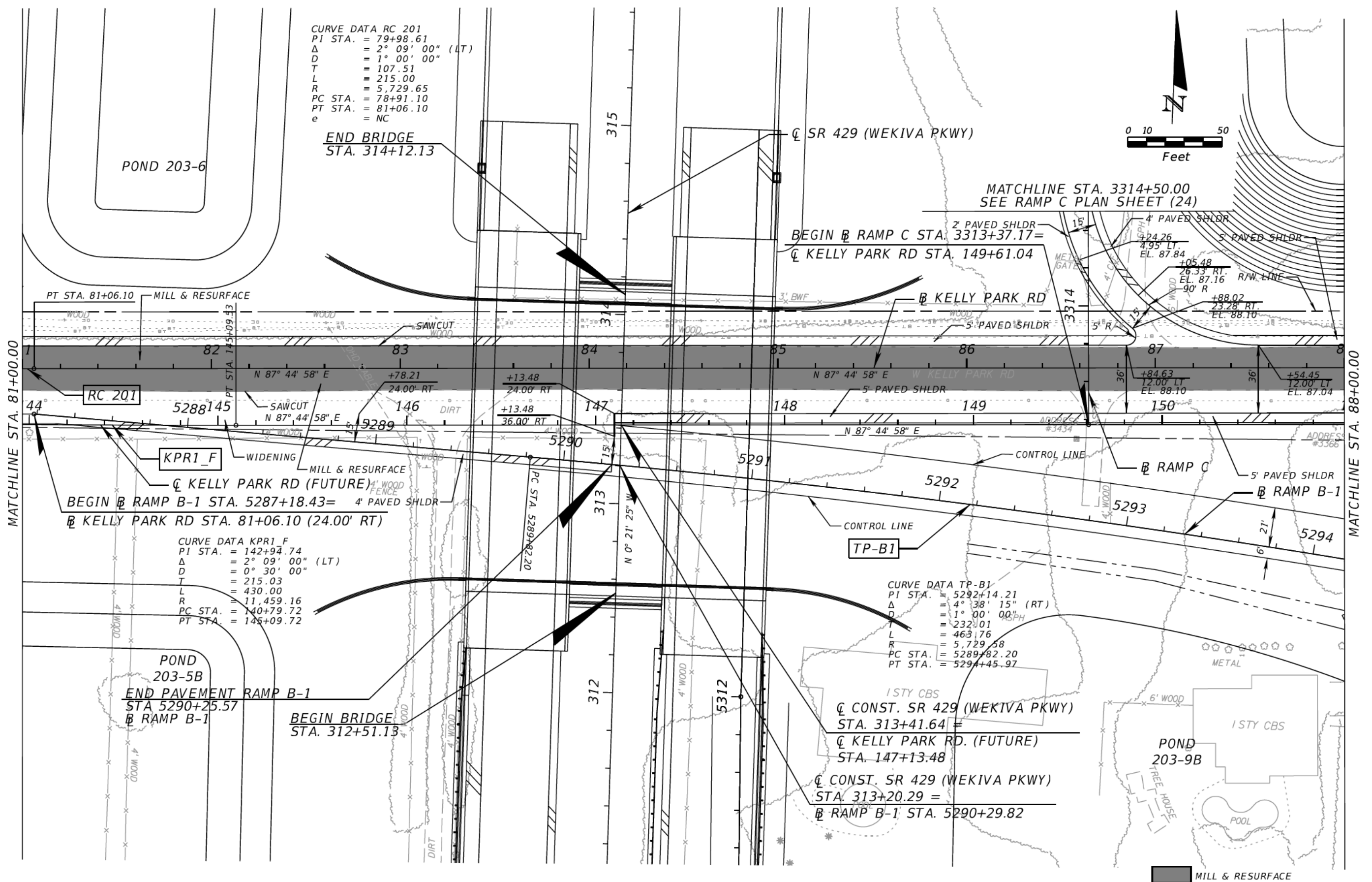


MATCHLINE STA. 3314+50.00
 SEE RAMP C PLAN SHEET (24)

BEGIN RAMP C STA. 3313+37.17 =
 Q KELLY PARK RD STA. 149+61.04

MATCHLINE STA. 81+00.00

MATCHLINE STA. 88+00.00



PT STA. 81+06.10 MILL & RESURFACE

RC 201

KPR1_F

BEGIN RAMP B-1 STA. 5287+18.43 =
 Q KELLY PARK RD STA. 81+06.10 (24.00' RT)

CURVE DATA KPR1 F
 PI STA. = 142+94.74
 Δ = 2° 09' 00" (LT)
 D = 0° 30' 00"
 T = 215.03
 L = 430.00
 R = 11,459.16
 PC STA. = 140+79.72
 PT STA. = 145+09.72

POND 203-5B
 END PAVEMENT RAMP B-1
 STA 5290+25.57
 Q RAMP B-1

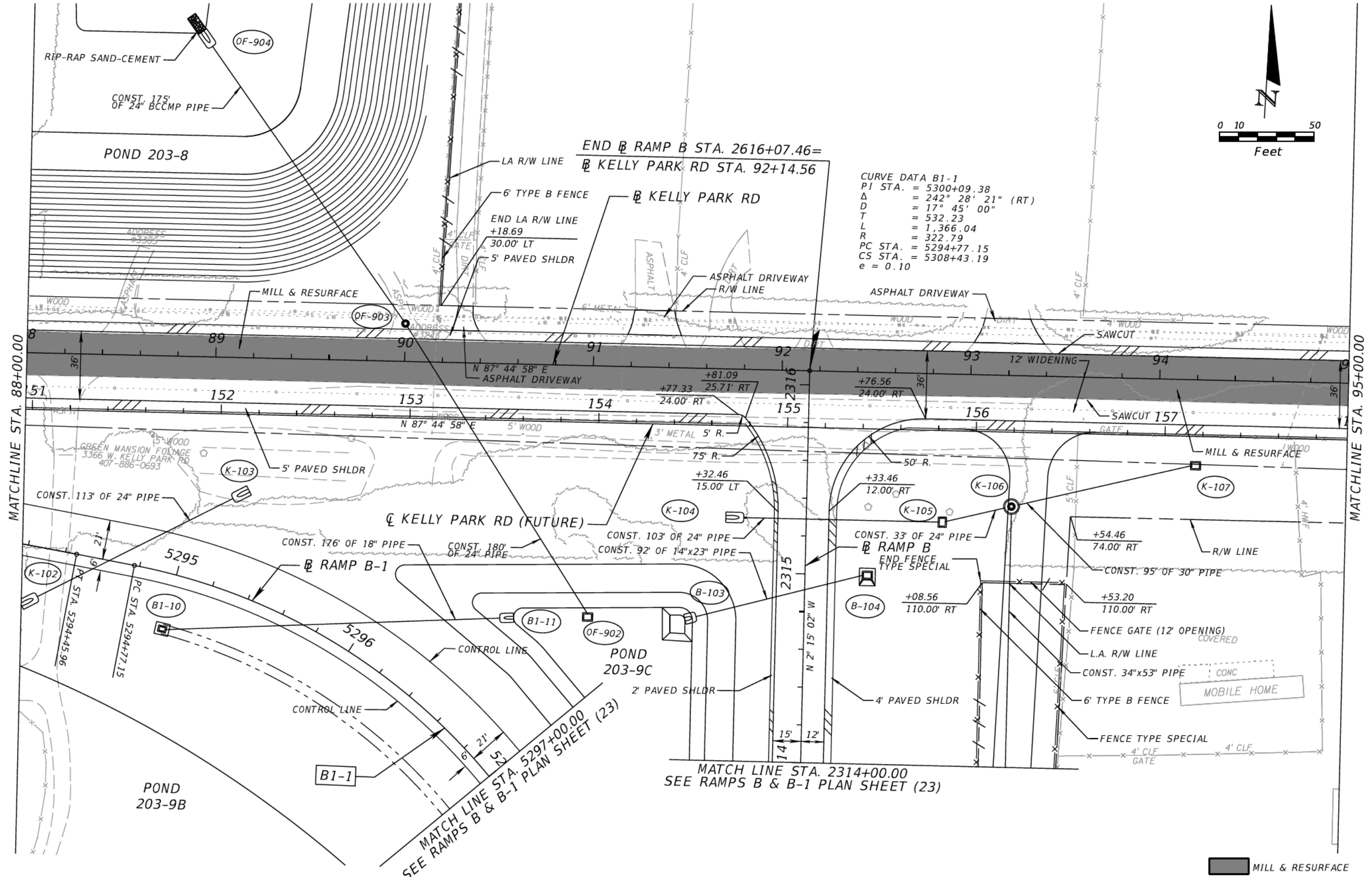
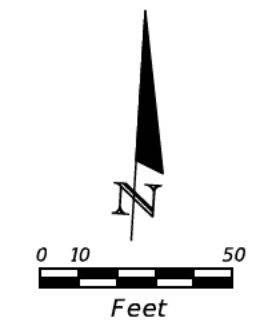
BEGIN BRIDGE
 STA. 312+51.13

CURVE DATA TP-B1
 PI STA. = 5292+14.21
 Δ = 4° 38' 15" (RT)
 D = 1° 00' 00"
 T = 232.01
 L = 463.76
 R = 5,729.58
 PC STA. = 5289+82.20
 PT STA. = 5294+45.97

1STY CBS
 Q CONST. SR 429 (WEKIVA PKWY)
 STA. 313+41.64 =
 Q KELLY PARK RD. (FUTURE)
 STA. 147+13.48
 Q CONST. SR 429 (WEKIVA PKWY)
 STA. 313+20.29 =
 Q RAMP B-1 STA. 5290+29.82

MILL & RESURFACE

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY	ROAD NO. SR 429	PROJECT NO. 429-203	CFX	KELLY PARK RD PLAN SHEET (30)	SHEET NO. 71
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							



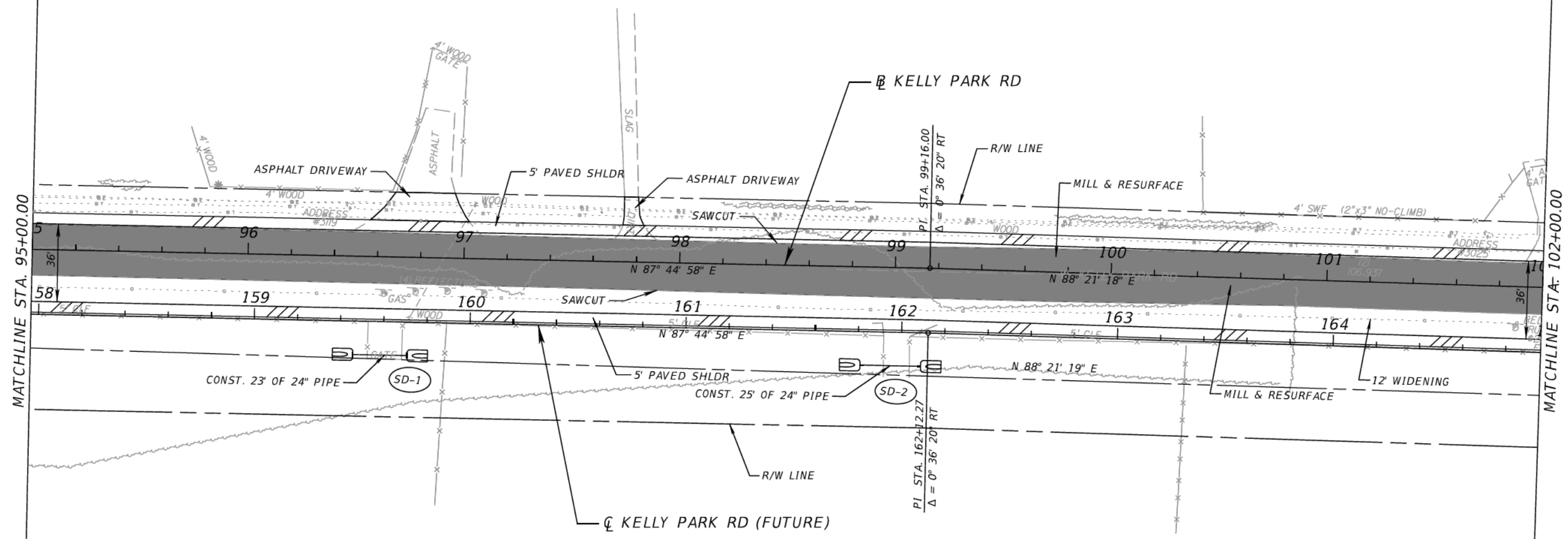
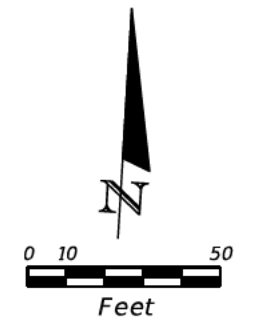
CURVE DATA B1-1
 PI STA. = 5300+09.38
 Δ = 242° 28' 21" (RT)
 D = 17° 45' 00"
 T = 532.23
 L = 1,366.04
 R = 322.79
 PC STA. = 5294+77.15
 CS STA. = 5308+43.19
 e = 0.10

END RAMP B STA. 2616+07.46=
 KELLY PARK RD STA. 92+14.56

MATCH LINE STA. 2314+00.00
 SEE RAMPS B & B-1 PLAN SHEET (23)

MILL & RESURFACE

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					



MATCHLINE STA. 95+00.00

MATCHLINE STA. 102+00.00

WOOD SHED

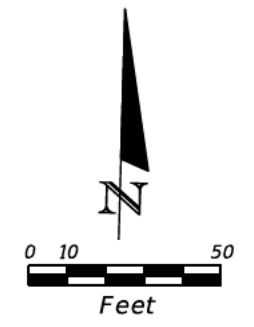
MILL & RESURFACE

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			KELLY PARK RD PLAN SHEET (32)		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.		SR 429 429-203		73

MATCHLINE STA. 235+80.00 SEE SHEET (38)

PLYMOUTH-SORRENTO RD

CURVE DATA RC205
 PI STA. = 109+53.93
 Δ = 4° 46' 27" (LT)
 D = 1° 51' 36"
 T = 128.40
 L = 256.65
 R = 3,080.20
 PC STA. = 108+25.53
 PT STA. = 110+82.18
 e = NC

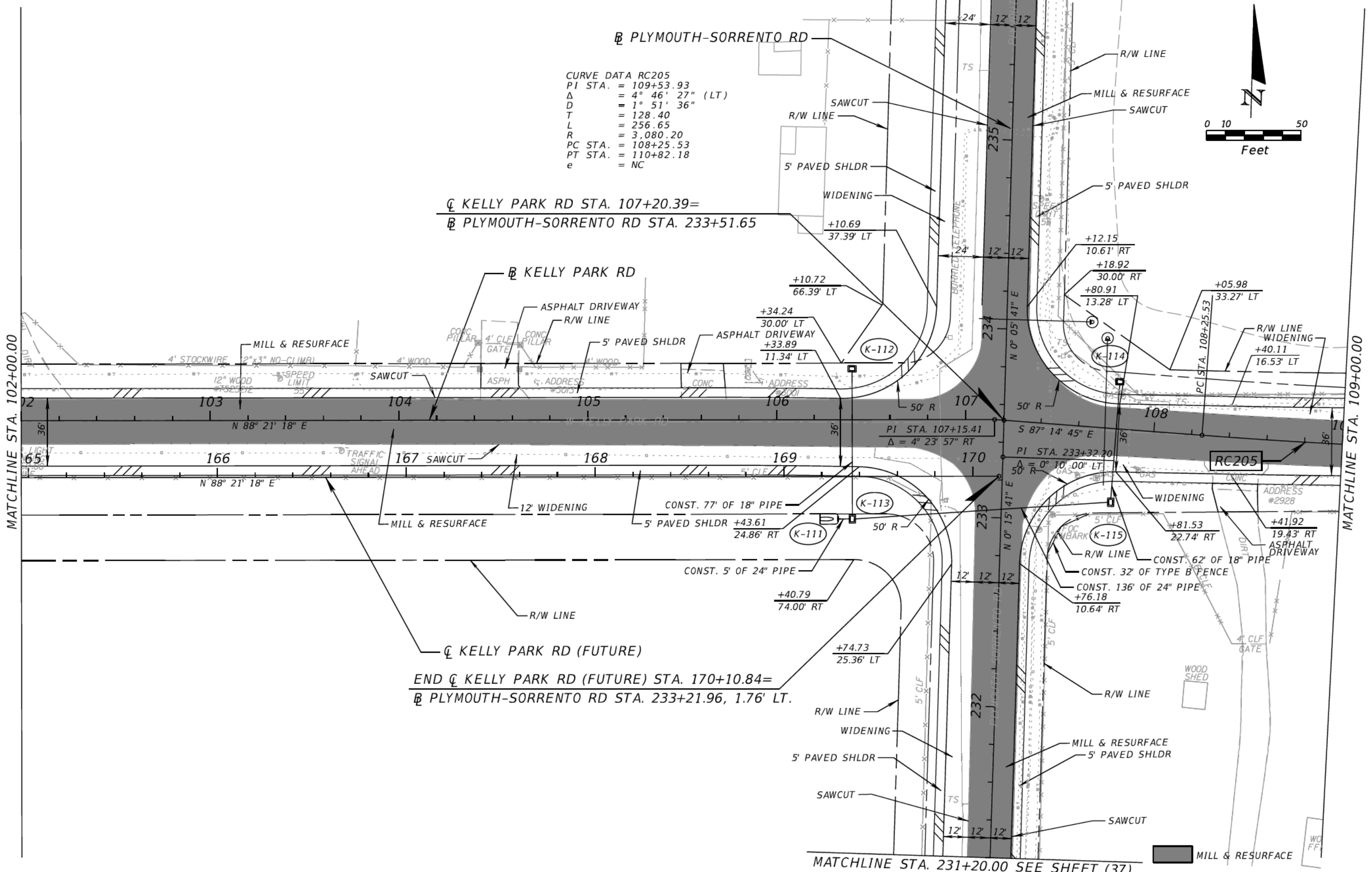


KELLY PARK RD STA. 107+20.39=
 PLYMOUTH-SORRENTO RD STA. 233+51.65

KELLY PARK RD

MATCHLINE STA. 102+00.00

MATCHLINE STA. 109+00.00



END KELLY PARK RD (FUTURE) STA. 170+10.84=
 PLYMOUTH-SORRENTO RD STA. 233+21.96, 1.76' LT.

MATCHLINE STA. 231+20.00 SEE SHEET (37)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

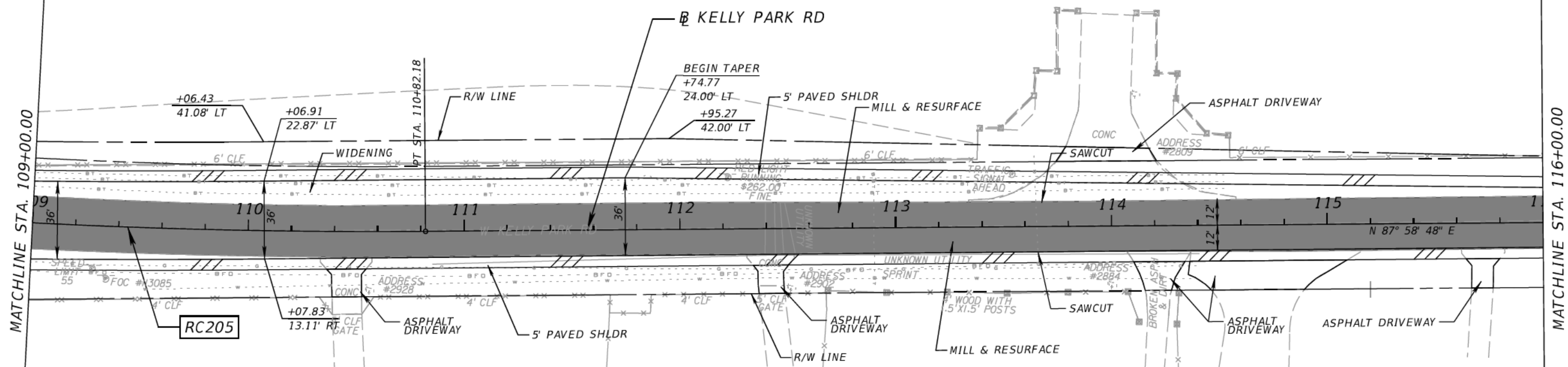
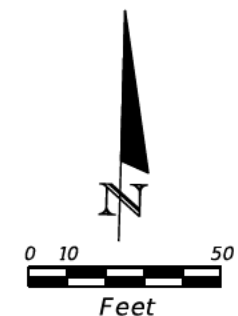
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
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KELLY PARK RD PLAN SHEET (33)

SHEET NO. 74



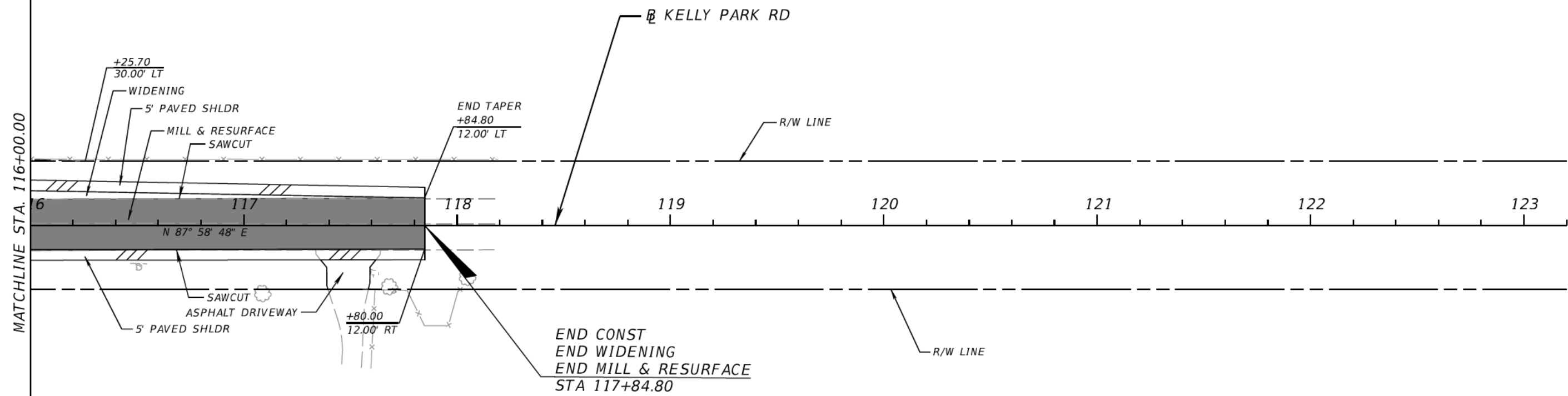
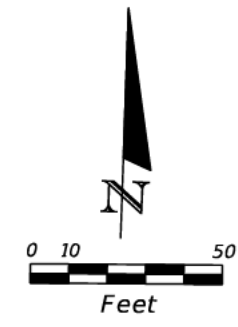
CURVE DATA RC205

PI STA.	= 109+53.93
Δ	= 4° 46' 27" (LT)
D	= 1° 51' 36"
T	= 128.40
L	= 256.65
R	= 3,080.20
PC STA.	= 108+25.53
PT STA.	= 110+82.18
e	= NC

WOOD SHED
E = 111.44

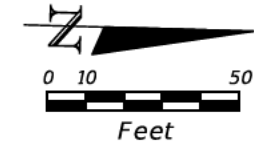
MILL & RESURFACE

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. PROJECT NO. SR 429 429-203			KELLY PARK RD PLAN SHEET (34)		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							75



MILL & RESURFACE

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			76
							SR 429	429-203			



BEGIN CONST
 BEGIN WIDENING
 BEGIN MILL & RESURFACE
 STA 223+75.06

R/W LINE

PLYMOUTH-SORRENTO RD

POT STA. 222+32.20

223
 N 00° 15' 41" E

224

SAWCUT
 5' PAVED SHLDR

BEGIN TAPER
 +75.06
 11.67' LT

+75.06
 12.33' LT

5' PAVED SHLDR
 SAWCUT

MATCHLINE STA. 224+20.00

MILL & RESURFACE

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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 P.E. LICENSE NUMBER 64849
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 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

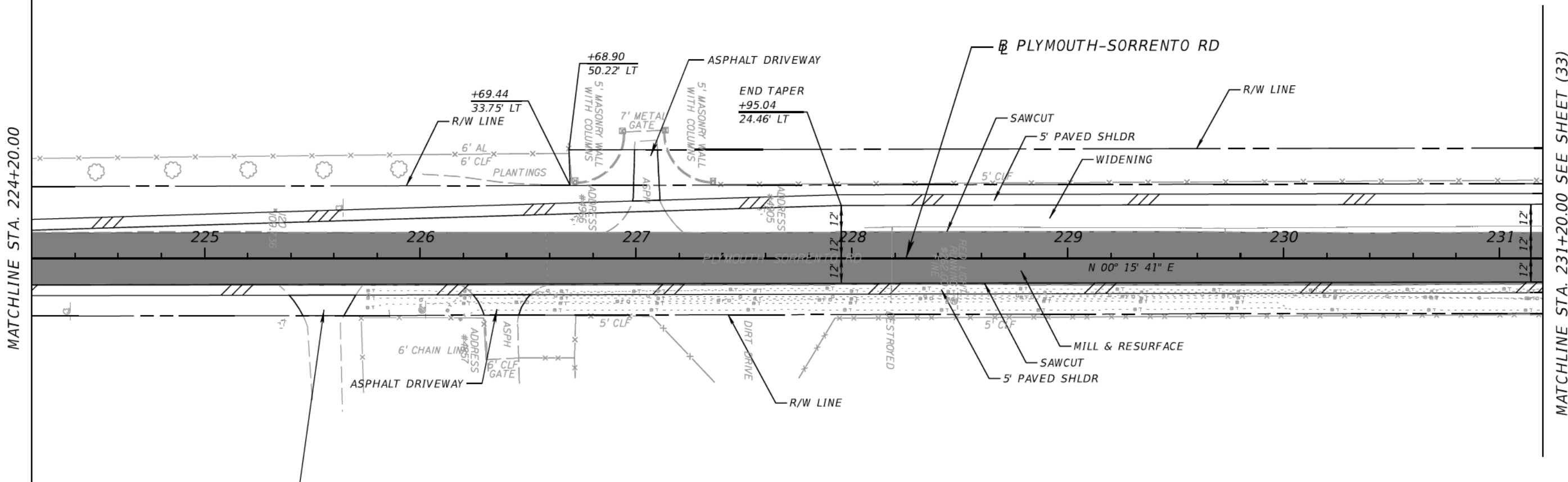
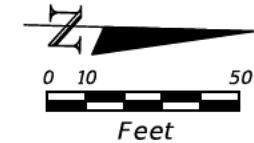
**CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



PLYMOUTH SORRENTO RD (36)

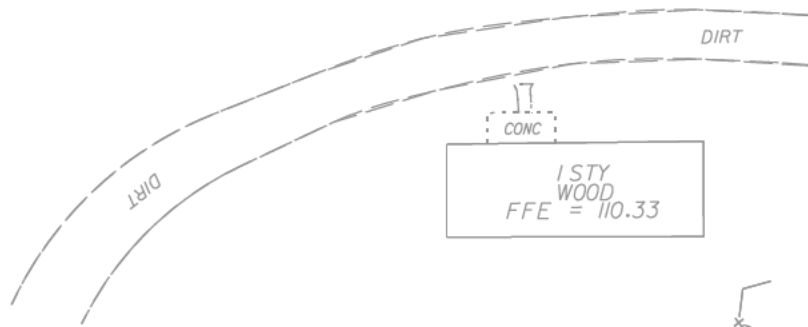
SHEET NO.
 77



MATCHLINE STA. 224+20.00

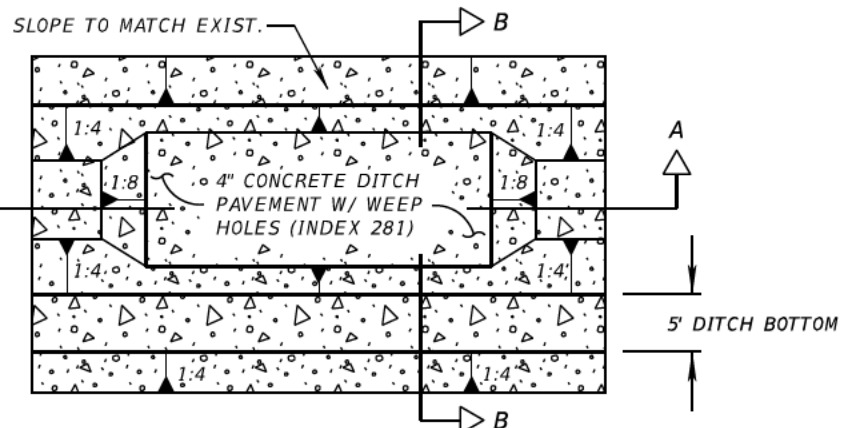
MATCHLINE STA. 231+20.00 SEE SHEET (33)

ASPHALT DRIVEWAY



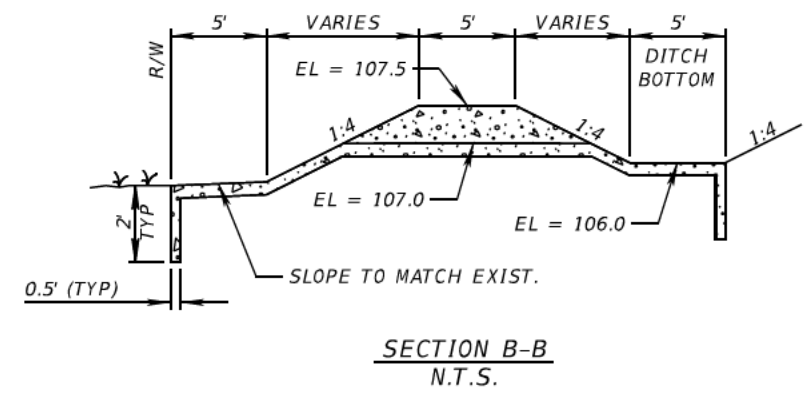
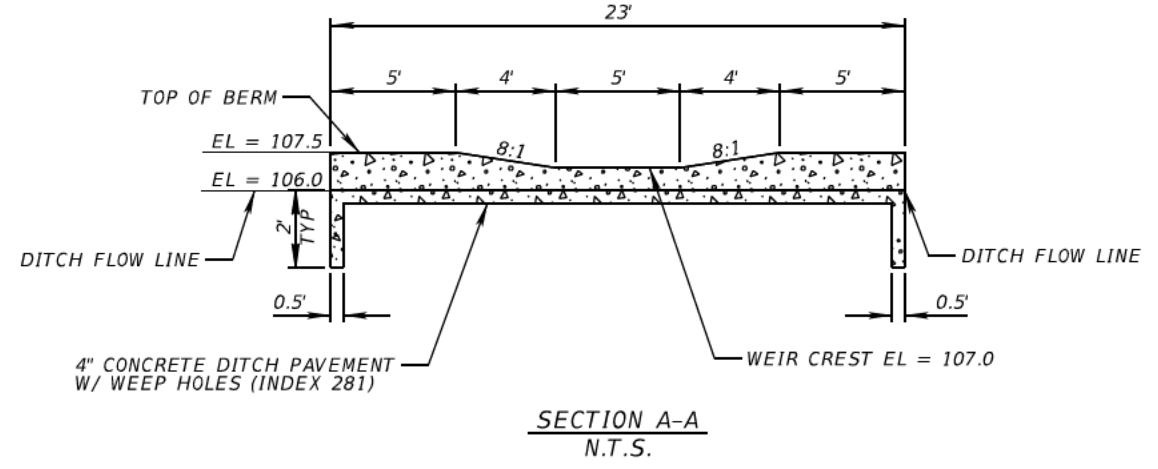
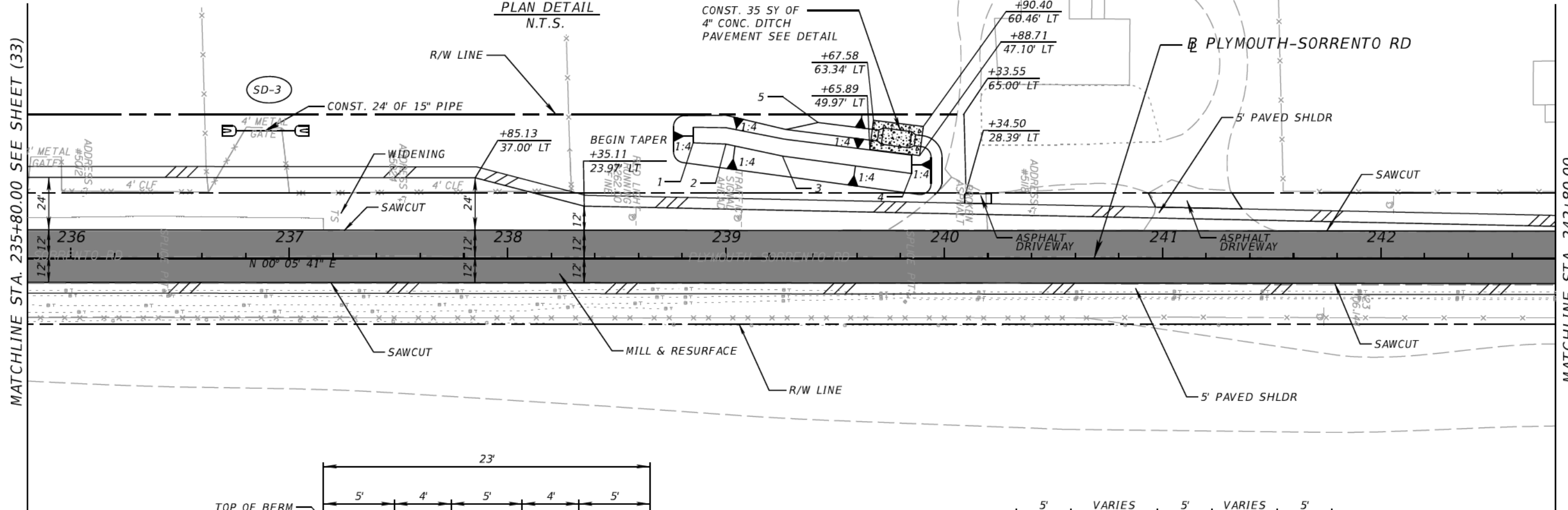
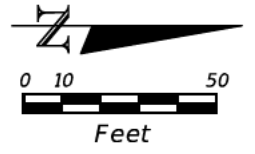
MILL & RESURFACE

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY 		PLYMOUTH SORRENTO RD (37)	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.		78
						SR 429	429-203			



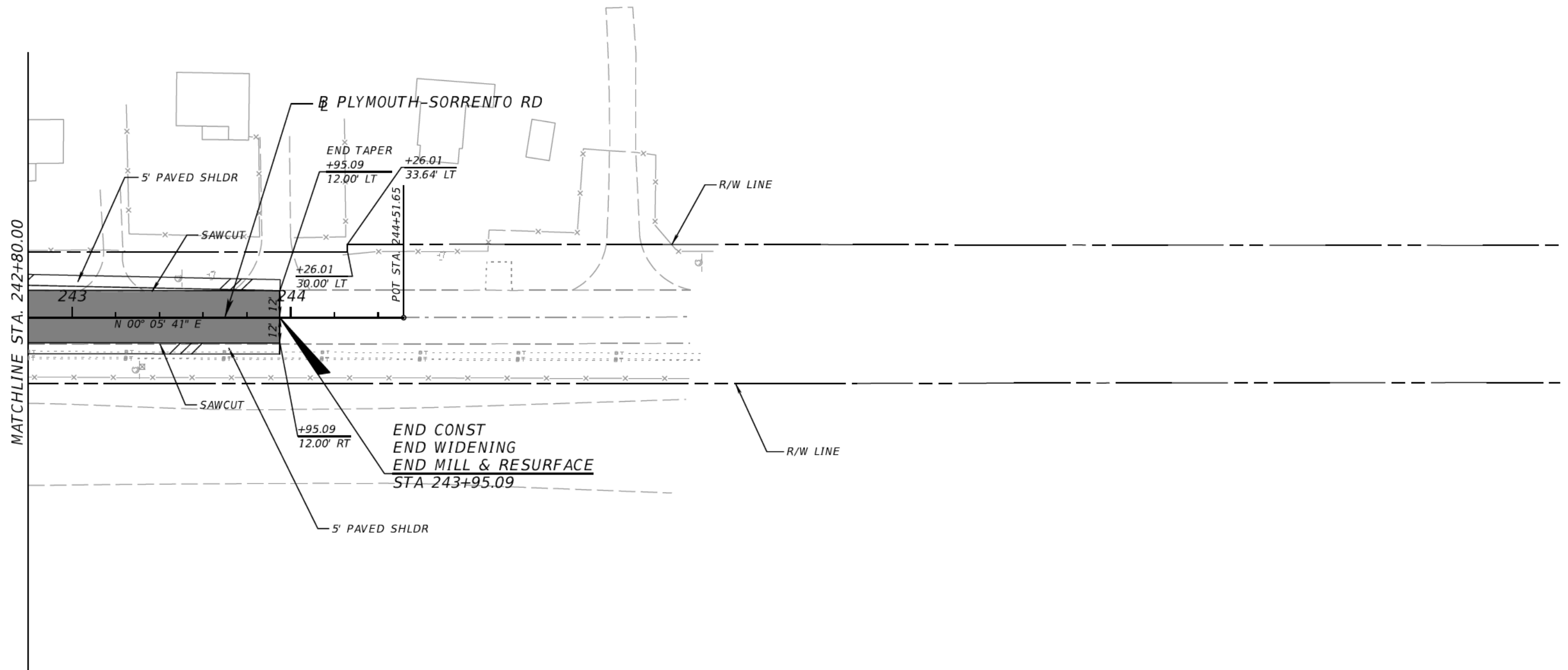
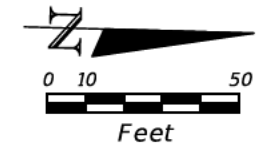
TREATMENT DITCH CONTROL POINTS

STATION	OFFSET
1	238+85.00 52.98' LT
2	239+00.00 52.39' LT
3	239+25.86 46.88' LT
4	239+85.00 38.90' LT
5	239+42.21 62.27' LT



MILL & RESURFACE

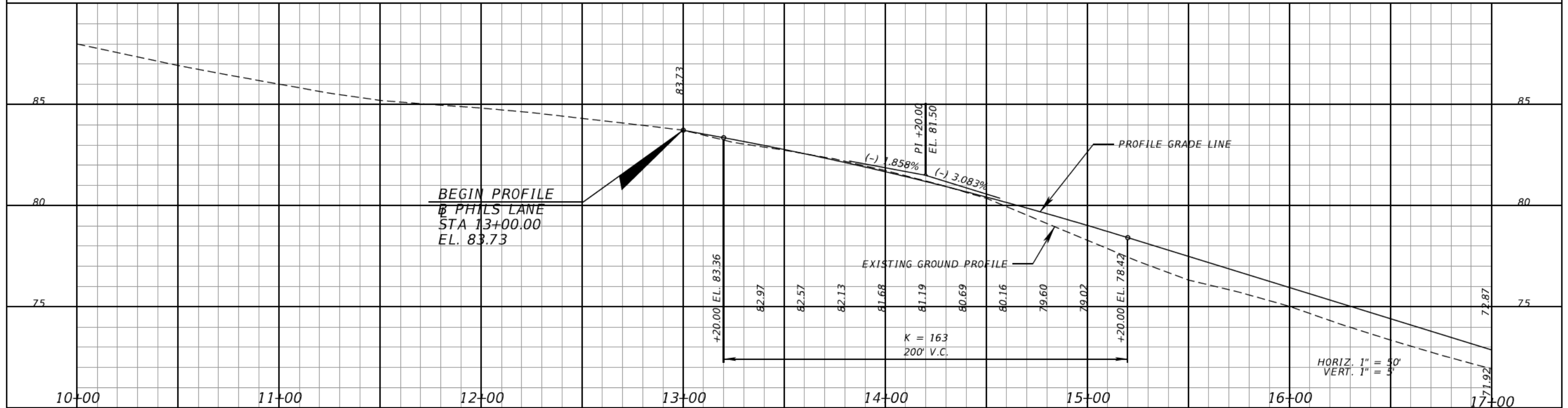
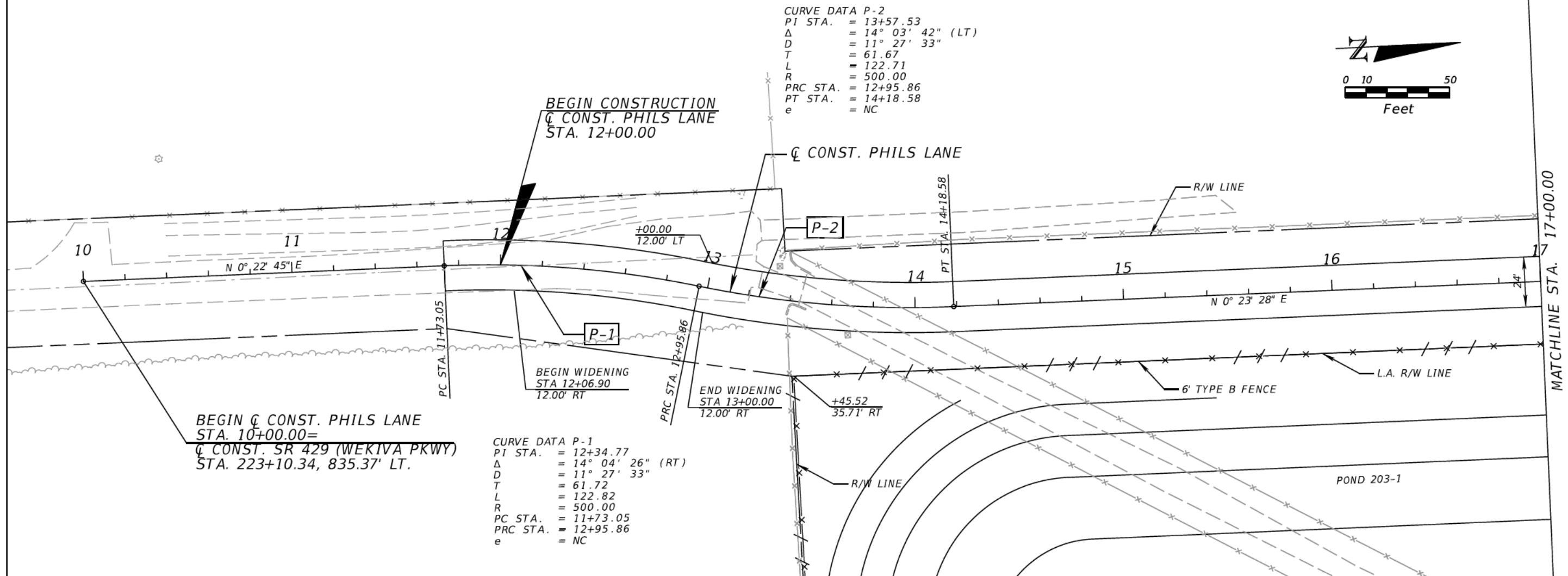
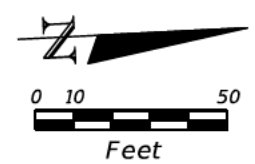
REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY	ROAD NO. SR 429	PROJECT NO. 429-203	CFX	PLYMOUTH SORRENTO RD (38)	SHEET NO. 79
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							



MILL & RESURFACE

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	PLYMOUTH SORRENTO RD (39)		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.		80		
							SR 429	429-203				

CURVE DATA P-2
 PI STA. = 13+57.53
 Δ = 14° 03' 42" (LT)
 D = 11° 27' 33"
 T = 61.67
 L = 122.71
 R = 500.00
 PRC STA. = 12+95.86
 PT STA. = 14+18.58
 e = NC



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

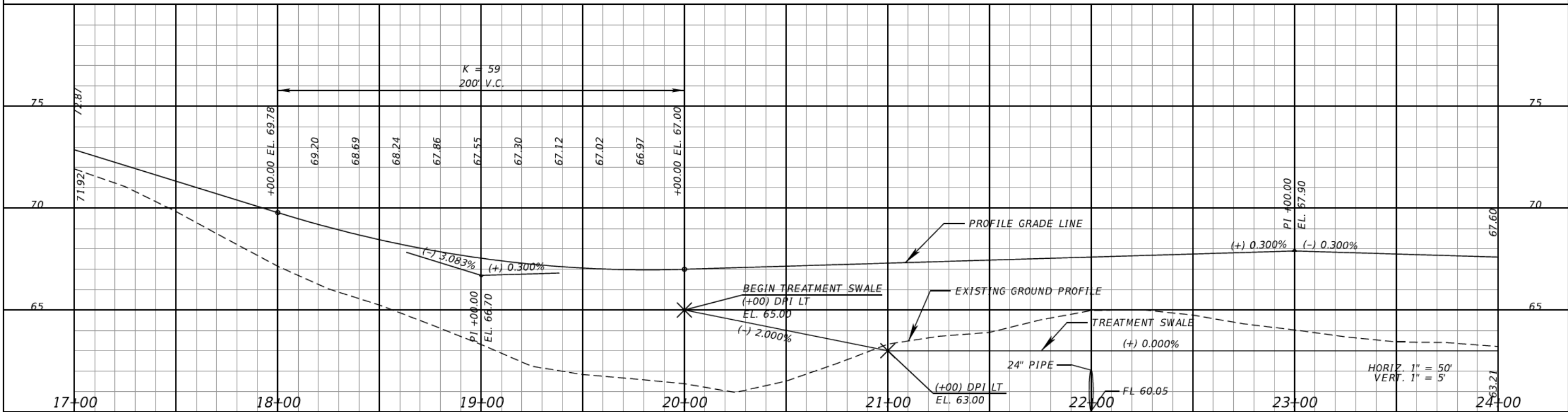
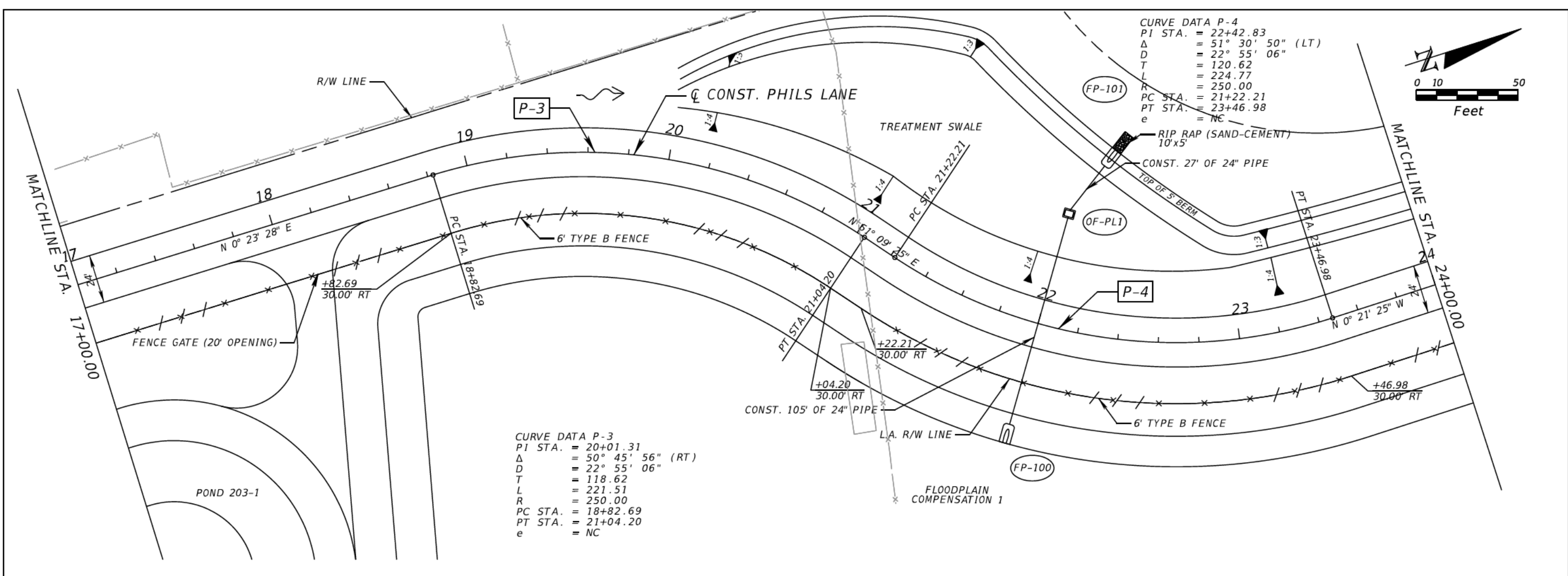
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PHILS LANE P/P SHEET (40)

SHEET NO.
81



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

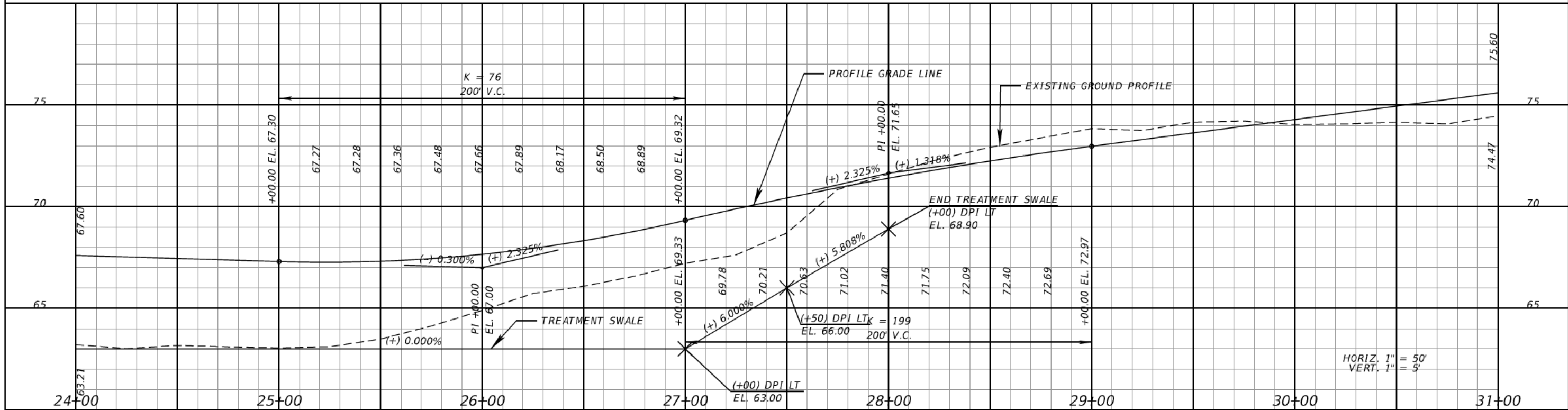
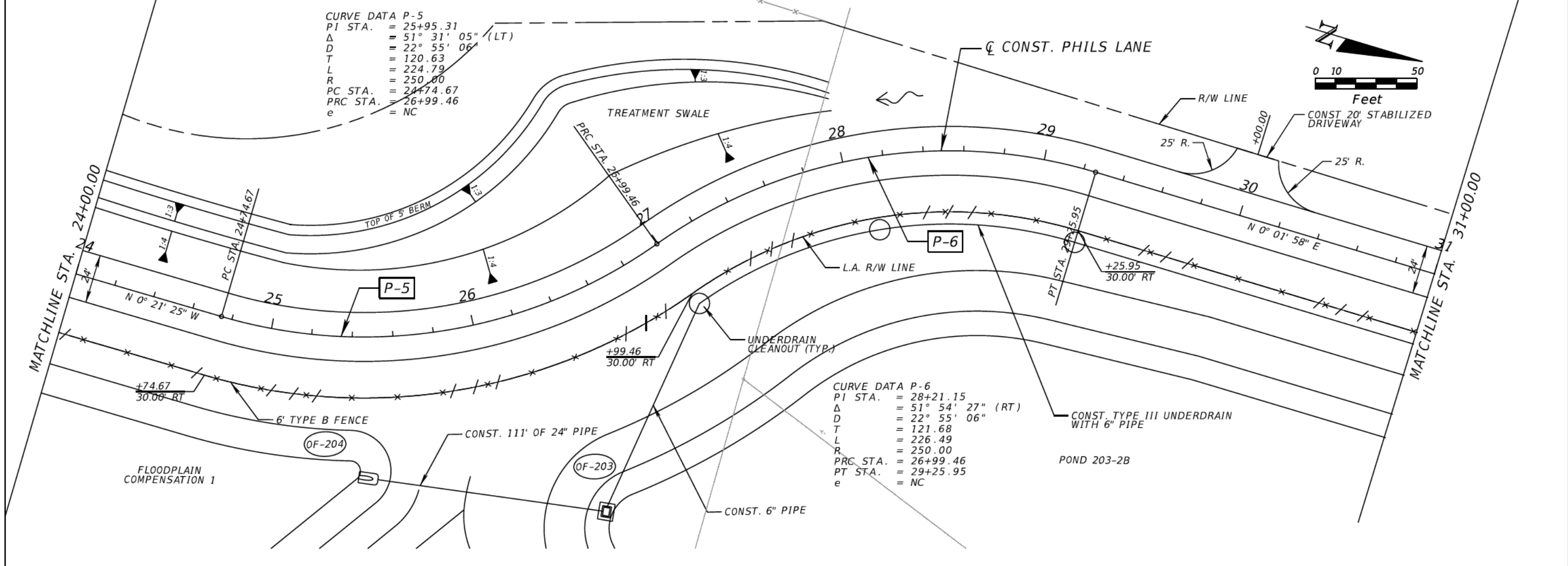
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



PHILS LANE P/P SHEET (41)

SHEET NO. 82



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

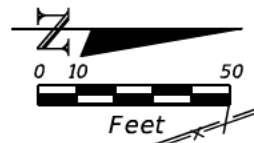
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203

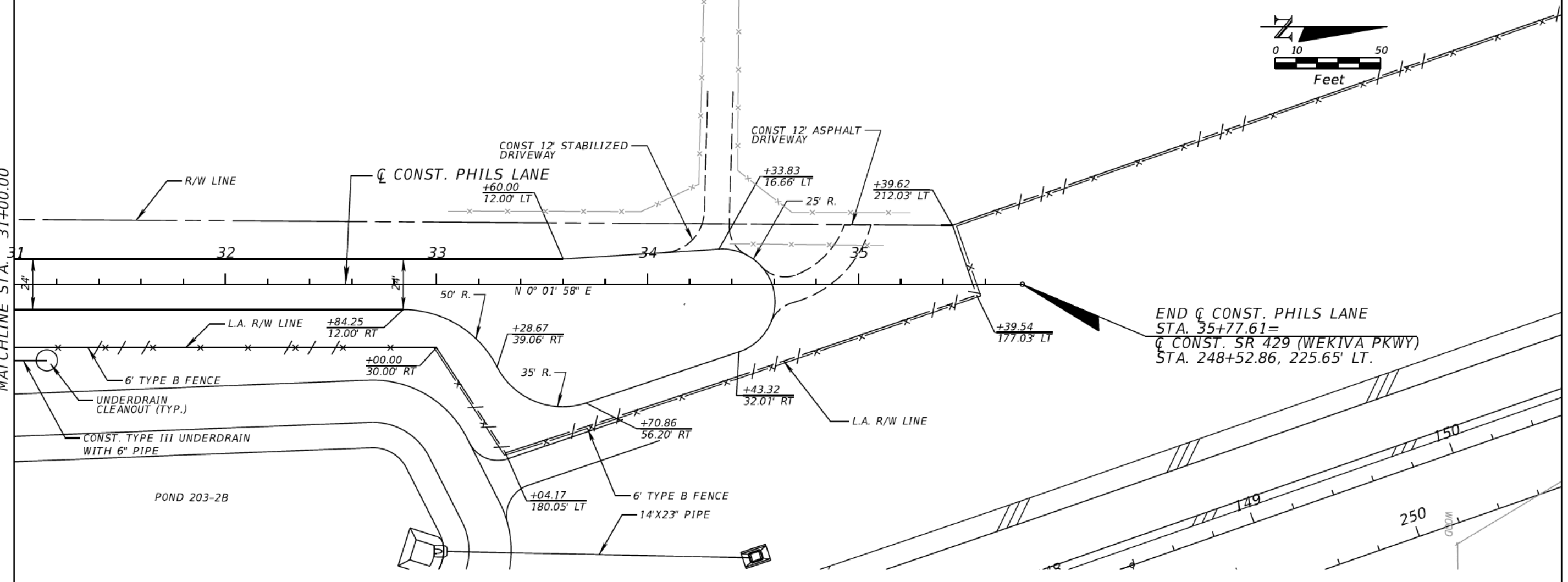


PHILS LANE P/P SHEET (42)

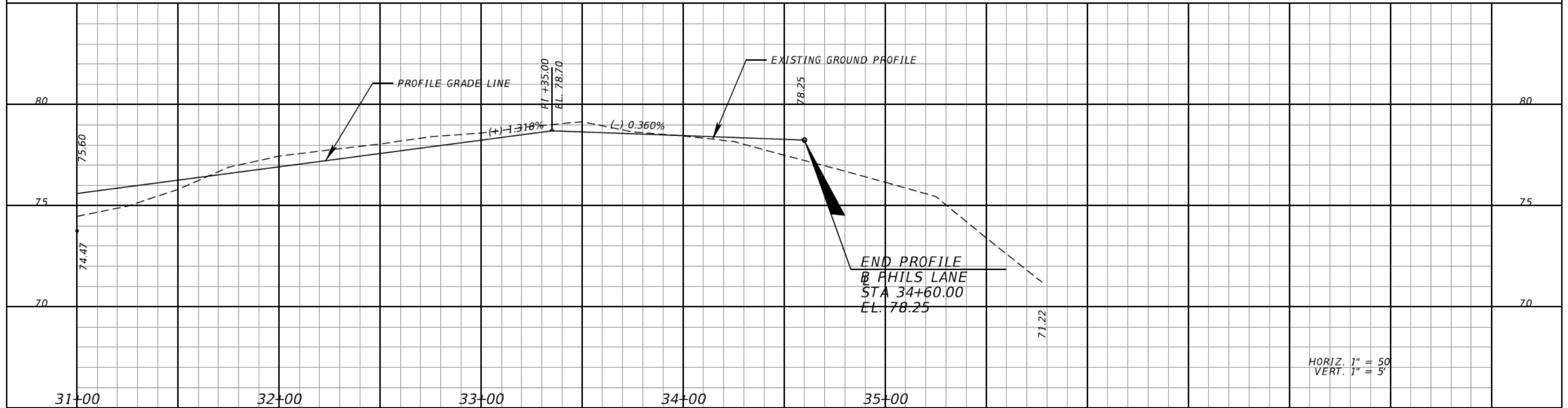
SHEET NO. 83



MATCHLINE STA. 31+00.00



END ϕ CONST. PHILS LANE
 STA. 35+77.61=
 ϕ CONST. SR 429 (WEKIVA PKWY)
 STA. 248+52.86, 225.65' LT.



HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

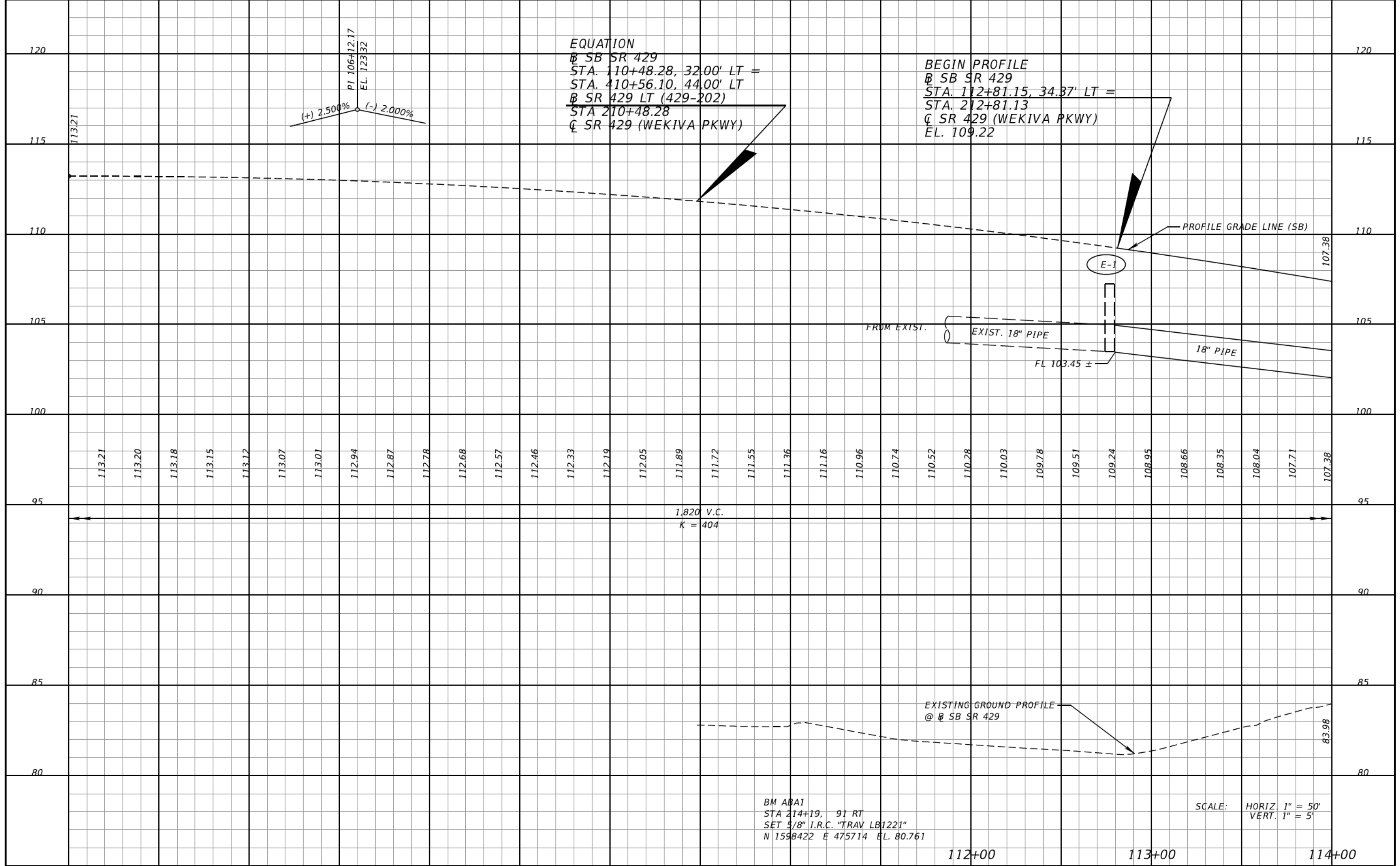
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



PHILS LANE P/P SHEET (43)

SHEET NO. 84



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

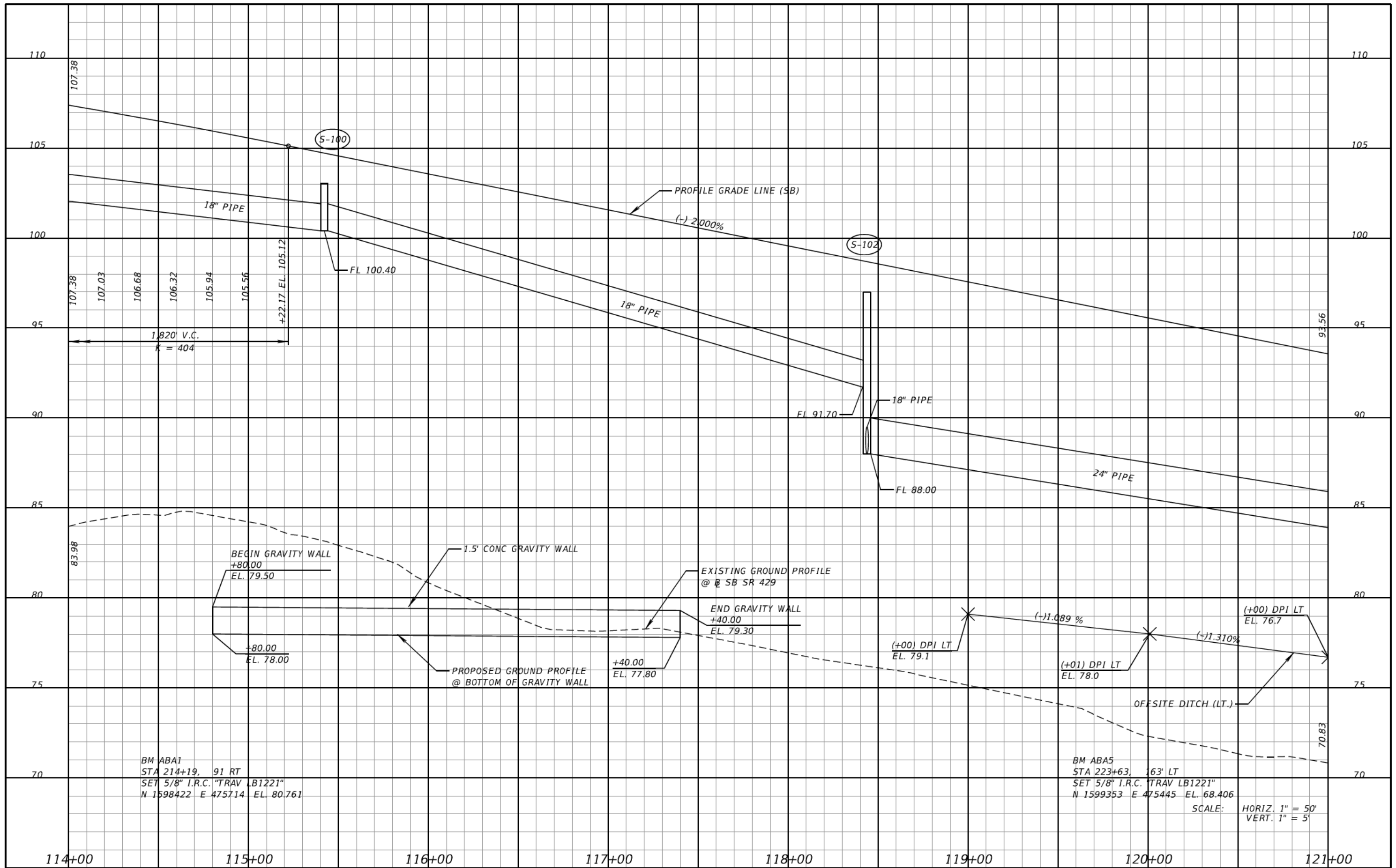
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (1)
SB SR 429

SHEET NO.
 85



BM-ABA1
 STA 214+19.91 RT
 SET 5/8" I.R.C. "TRAV LB1221"
 N 1598422 E 475714 EL. 80.761

BM-ABA5
 STA 223+63.163' LT
 SET 5/8" I.R.C. "TRAV LB1221"
 N 1599353 E 475445 EL. 68.406

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

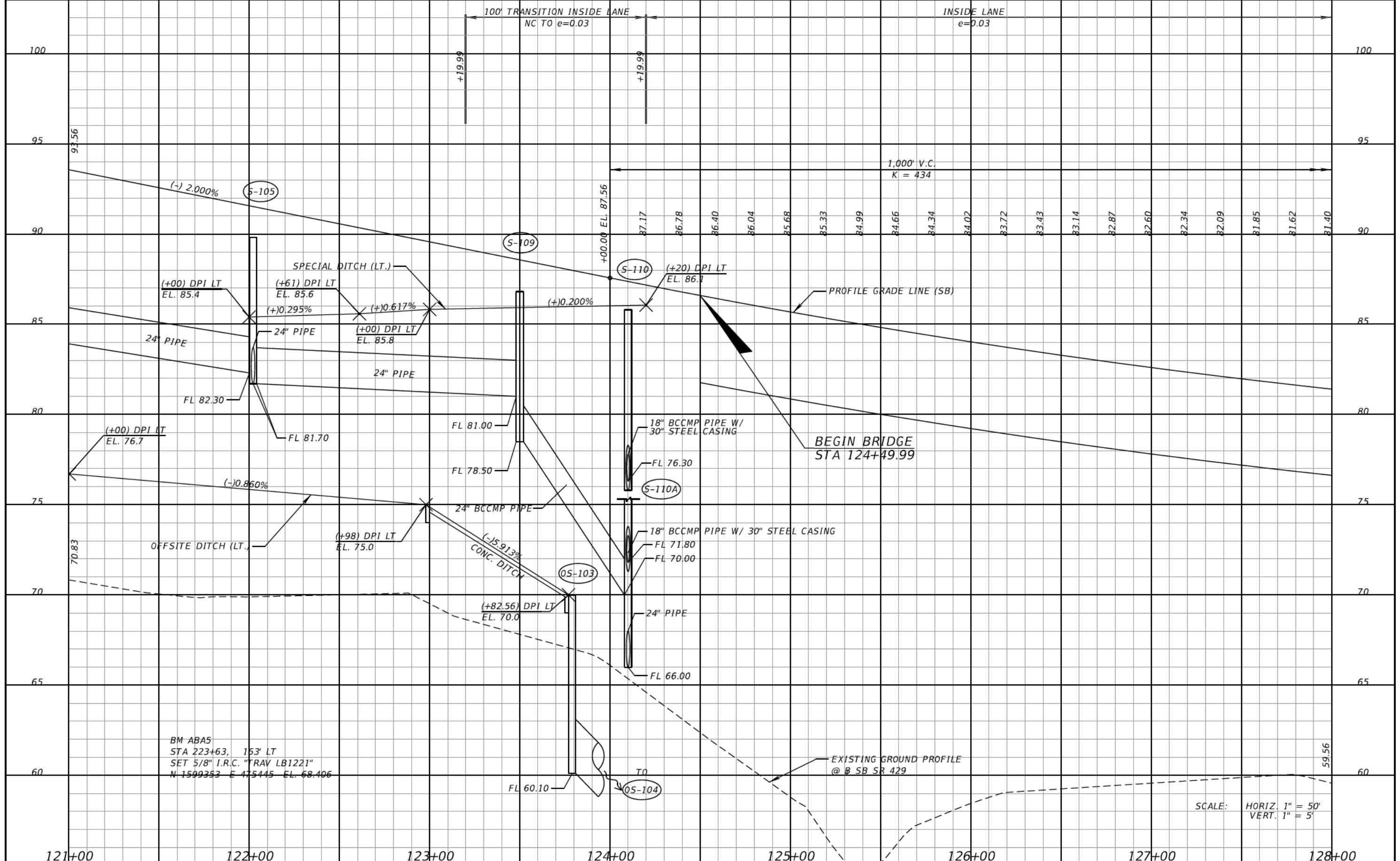
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



SR 429 PROFILE SHEET (2)
SB SR 429

SHEET NO. 86



BM ABAS
 STA 223+63, 163' LT
 SET 5/8" I.R.C. "TRAV LB1221"
 N 1599353 E 475445 EL. 68.406

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

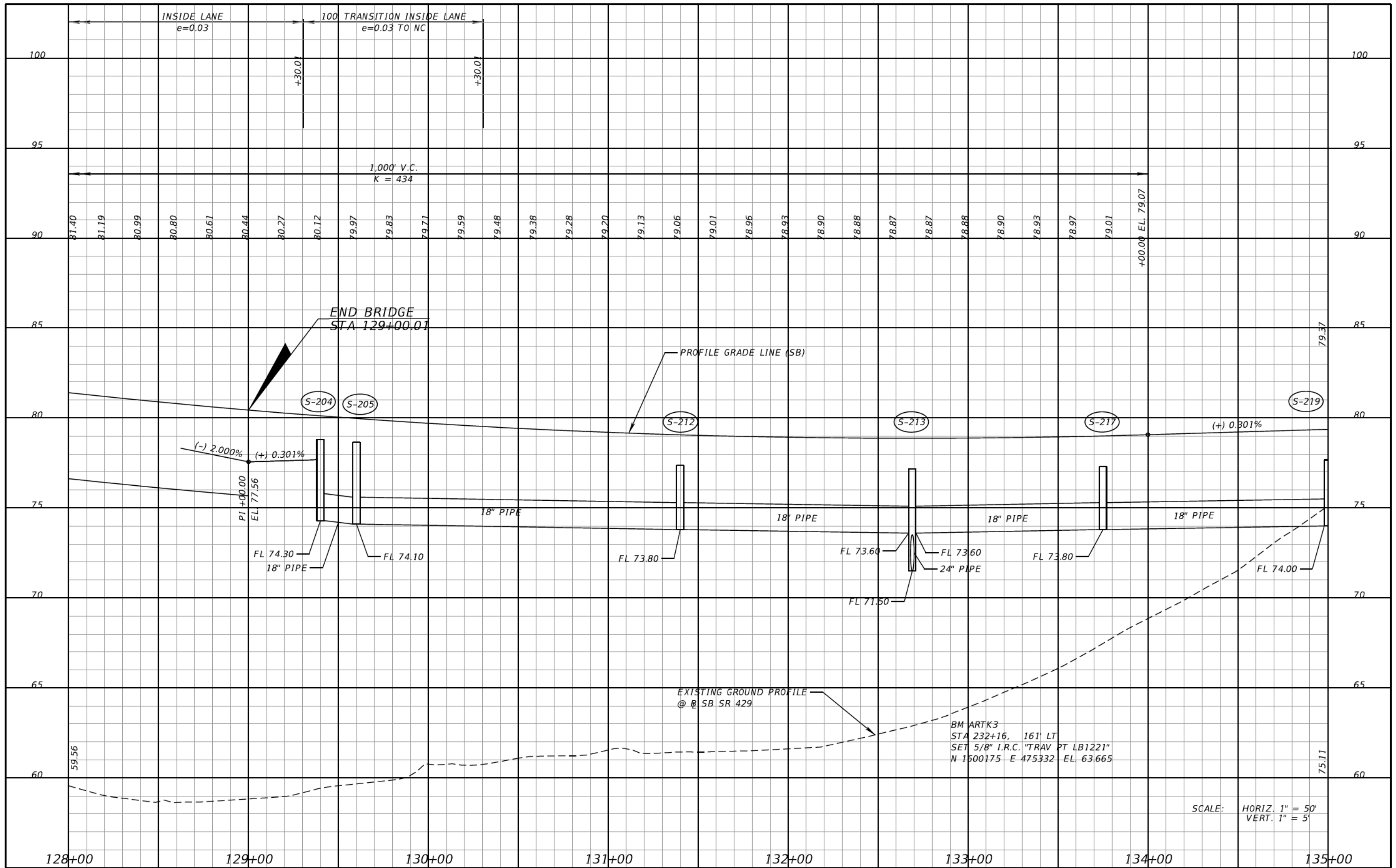
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



SR 429 PROFILE SHEET (3)
SB SR 429

SHEET NO. 87



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

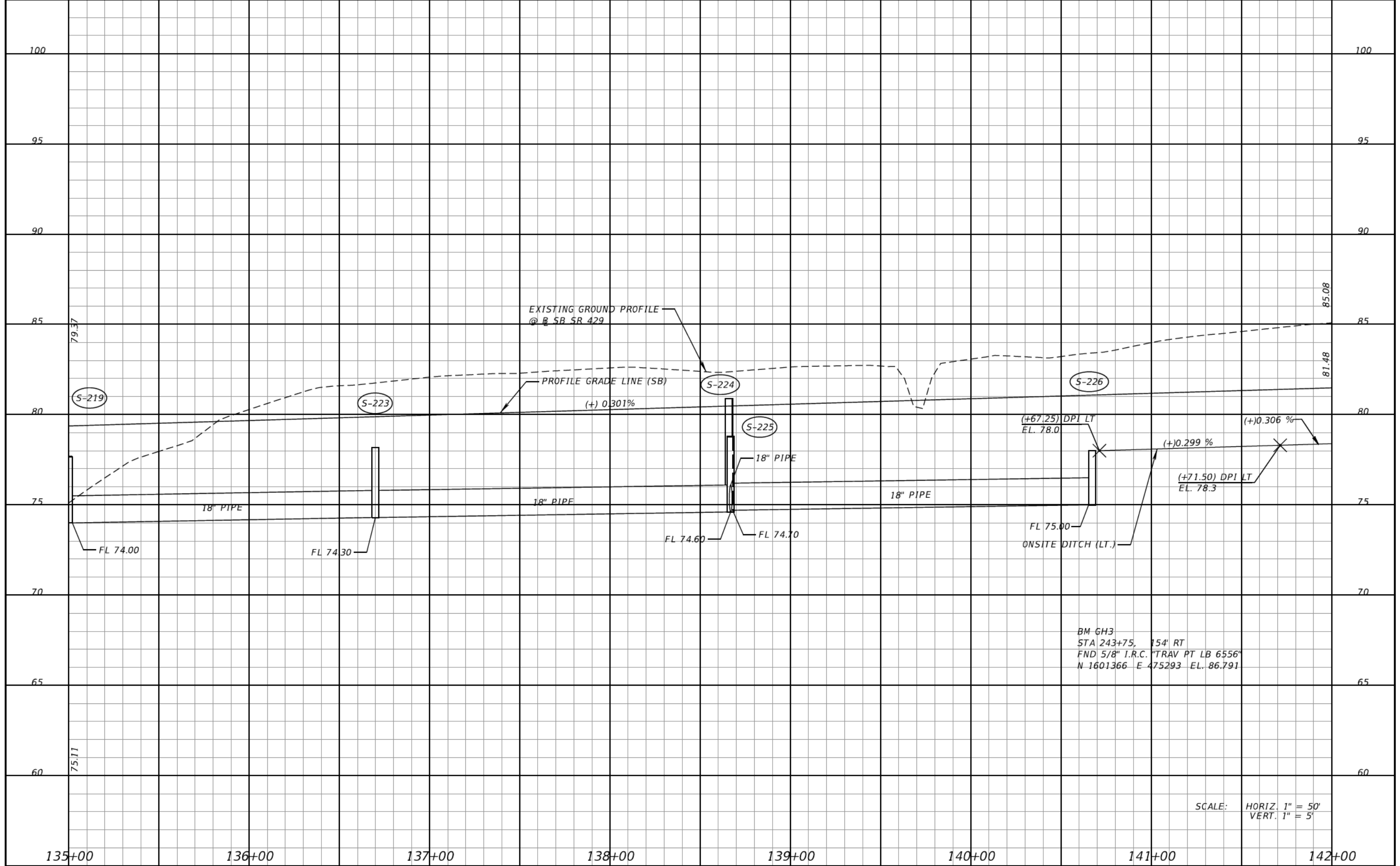
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (4)
SB SR 429

SHEET NO.
88



BM GH3
 STA 243+75, 154' RT
 FND 5/8" I.R.C. TRAV PT LB 6556"
 N 1601366 E 475293 EL. 86.791

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

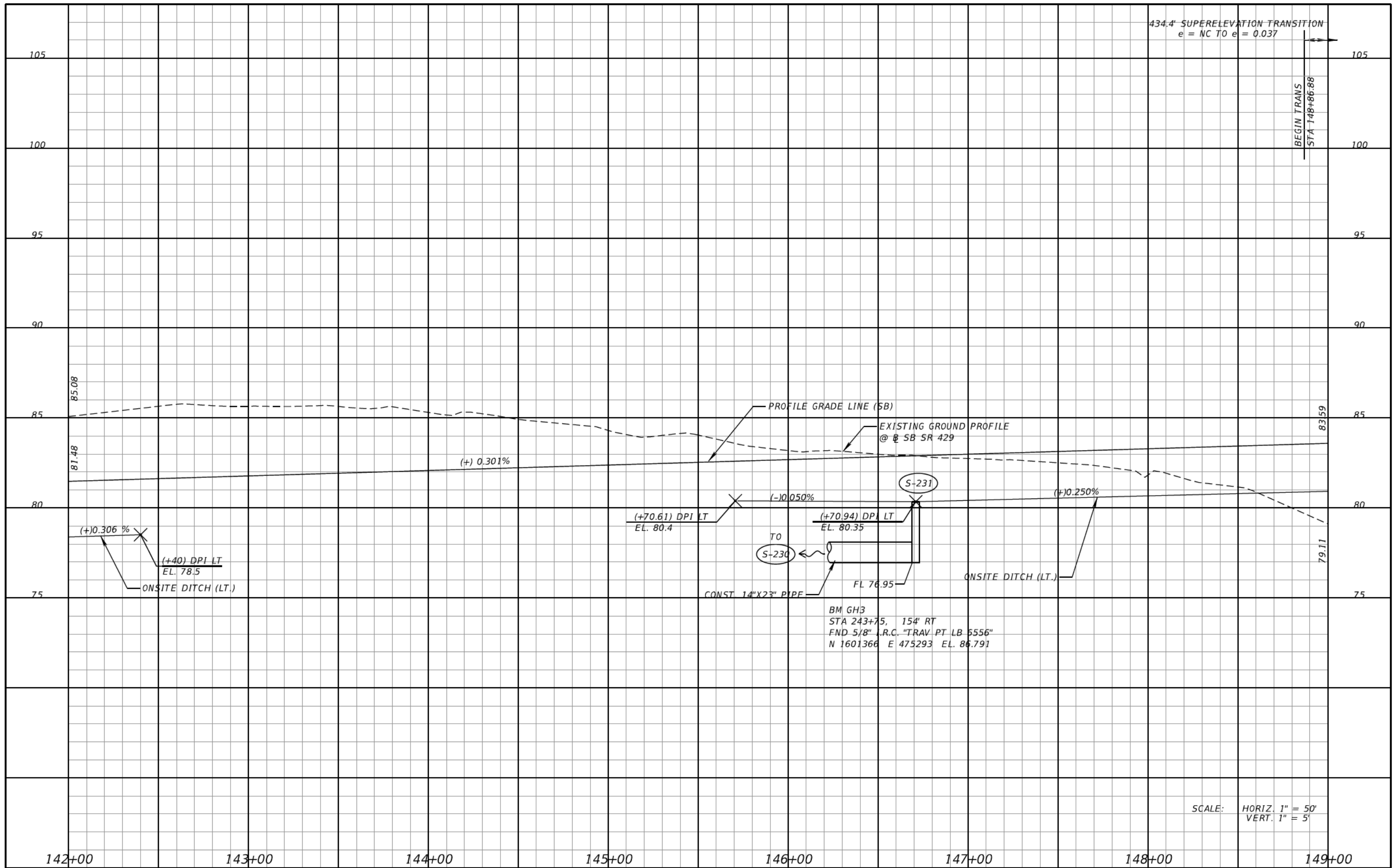
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (5)
SB SR 429

SHEET NO.
 89



434.4' SUPERELEVATION TRANSITION
e = NC TO e = 0.037

BEGIN TRANS
STA 148+86.88

85.08

81.48

83.59

79.11

(+) 0.301%

(-) 0.050%

(+) 0.250%

(+) 0.306%

(+40) DPI LT
EL. 78.5

(+70.61) DPI LT
EL. 80.4

(+70.94) DPI LT
EL. 80.35

S-230

S-231

CONST. 14"X23" PIPE

FL 76.95

BM GH3
STA 243+75, 154' RT
FND 5/8" I.R.C. "TRAV PT LB 5556"
N 1601366 E 475293 EL. 86.791

ONSITE DITCH (LT.)

ONSITE DITCH (LT.)

SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

142+00 143+00 144+00 145+00 146+00 147+00 148+00 149+00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

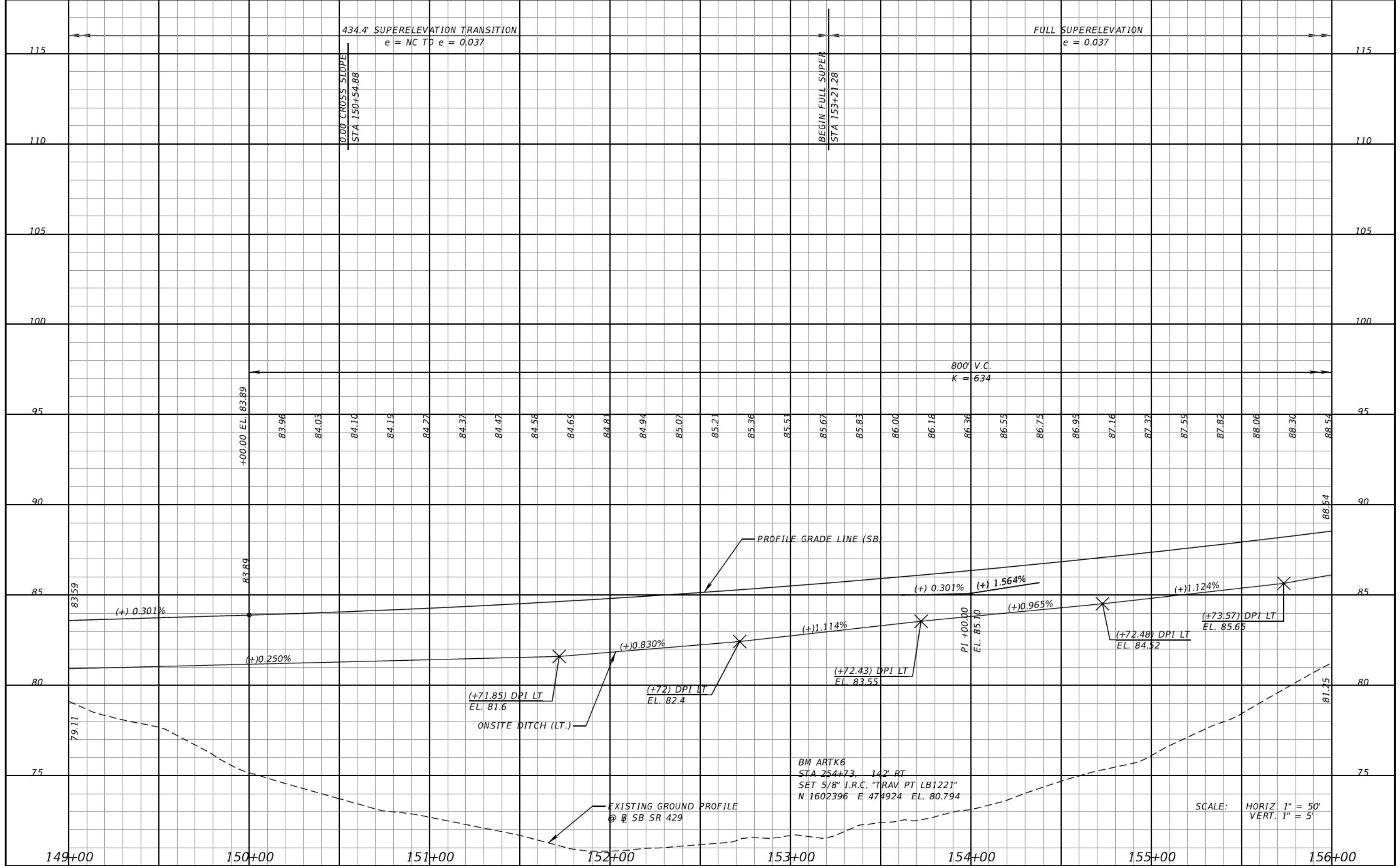
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (6)
SB SR 429

SHEET NO.
90



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

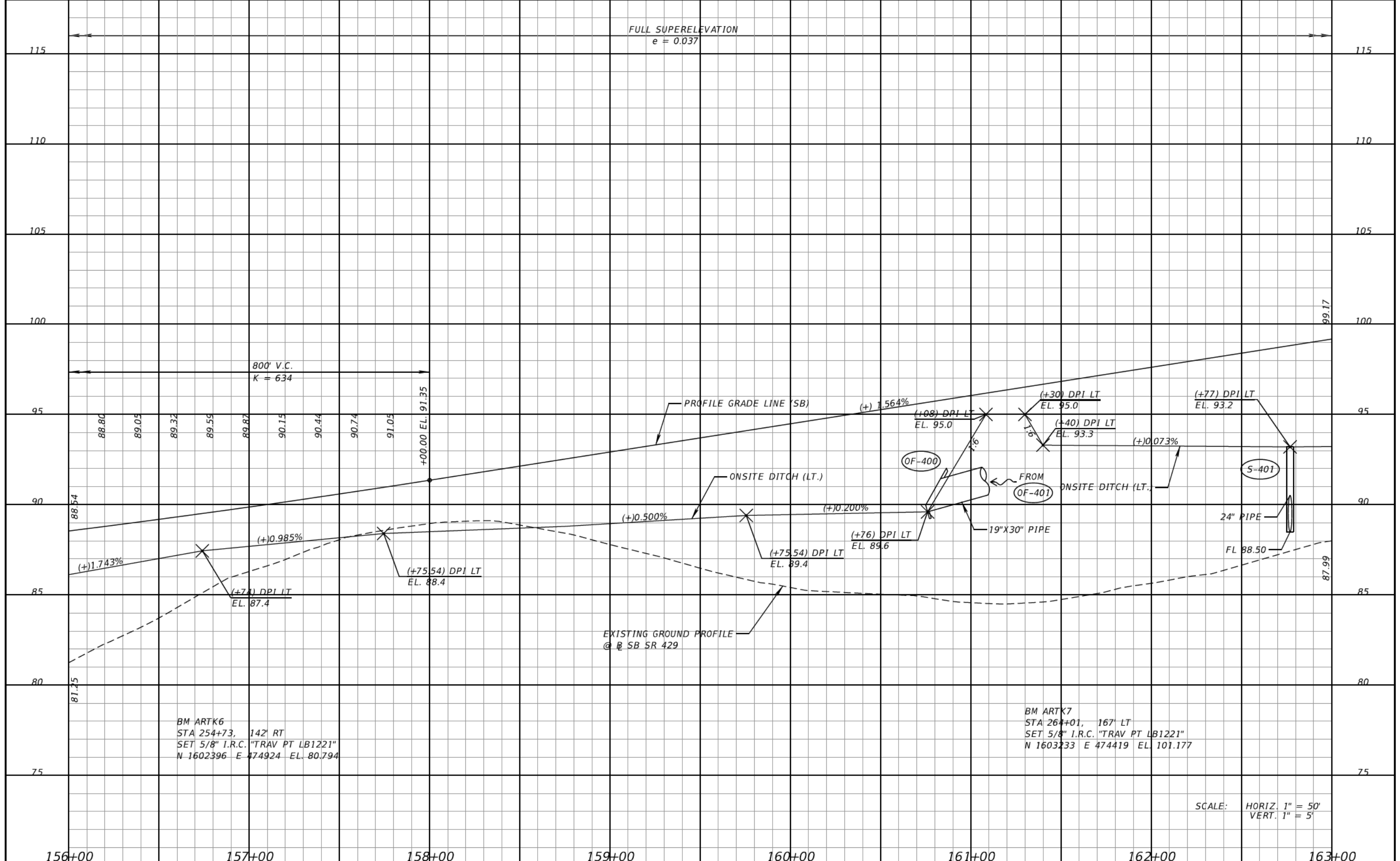
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (7)
SB SR 429

SHEET NO.
91



BM ARTK6
 STA 254+73, 142' RT
 SET 5/8" I.R.C. "TRAV PT LB1221"
 N 1602396 E 474924 EL. 80.794

BM ARTK7
 STA 264+01, 167' LT
 SET 5/8" I.R.C. "TRAV PT LB1221"
 N 1603233 E 474419 EL. 101.177

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

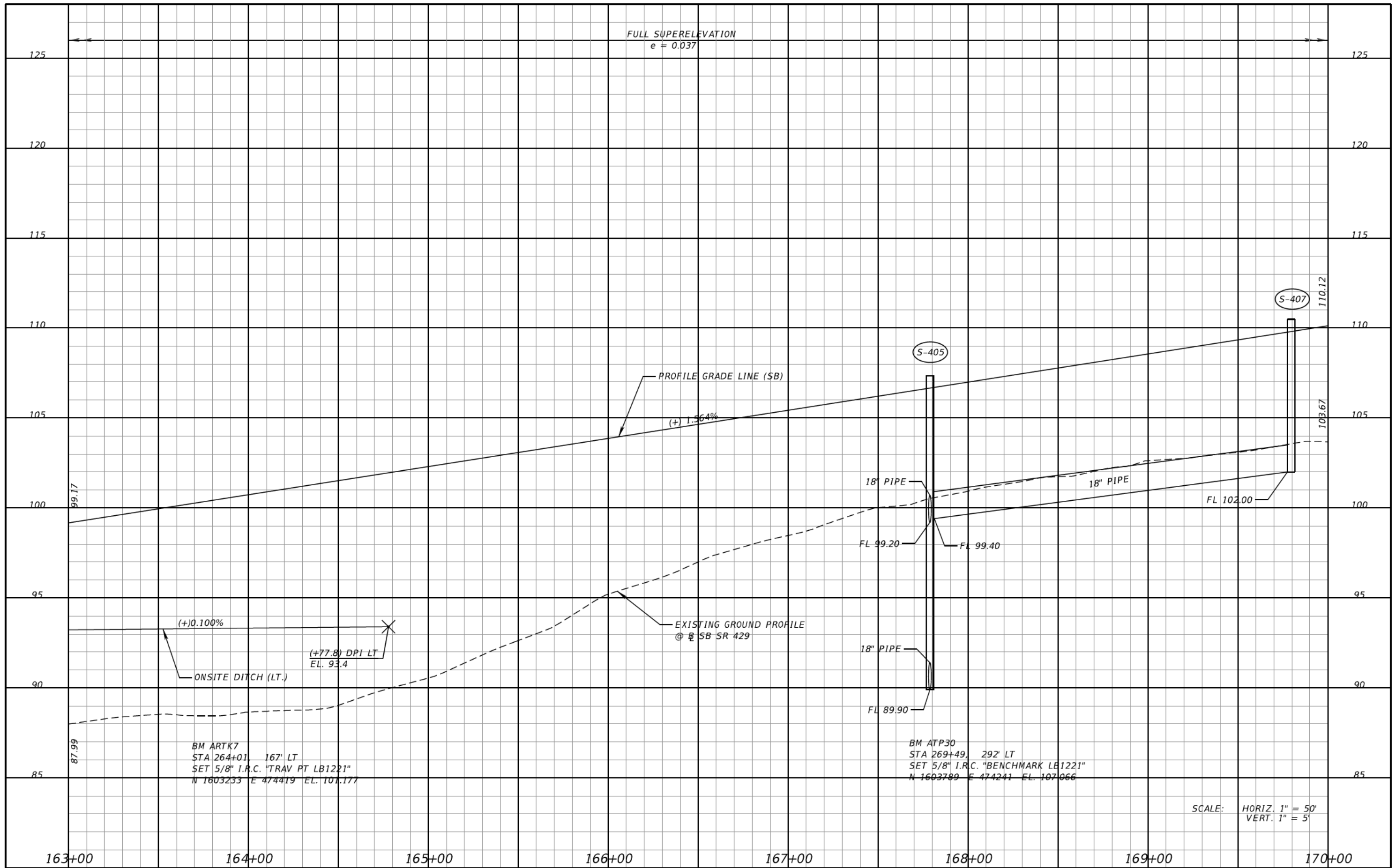
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



SR 429 PROFILE SHEET (8)
SB SR 429

SHEET NO. 92



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

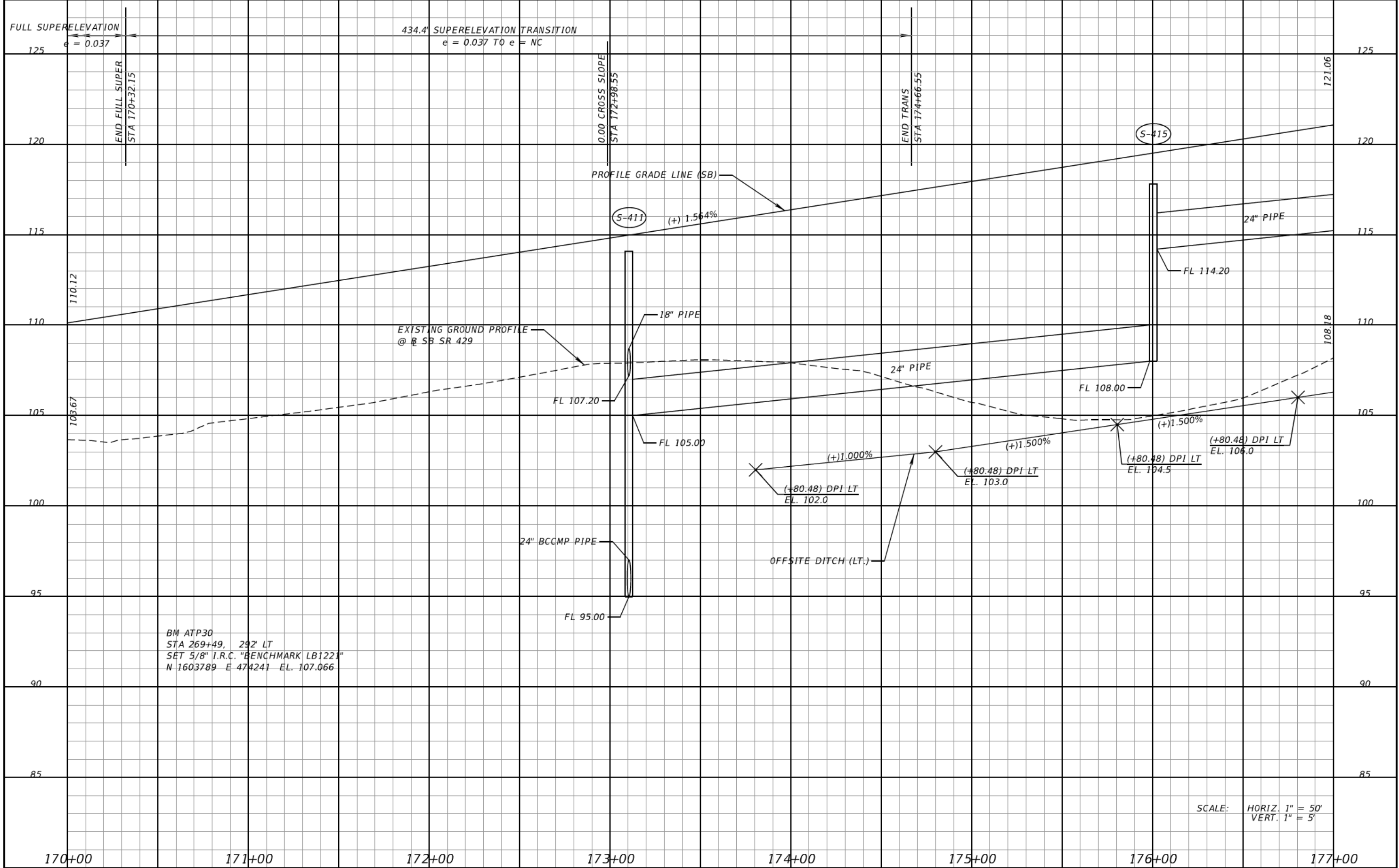
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (9)
SB SR 429

SHEET NO.
93



BM ATP30
 STA 269+49.292' LT
 SET 5/8" I.R.C. "BENCHMARK LB1221"
 N 1603789 E 474241 EL. 107.066

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

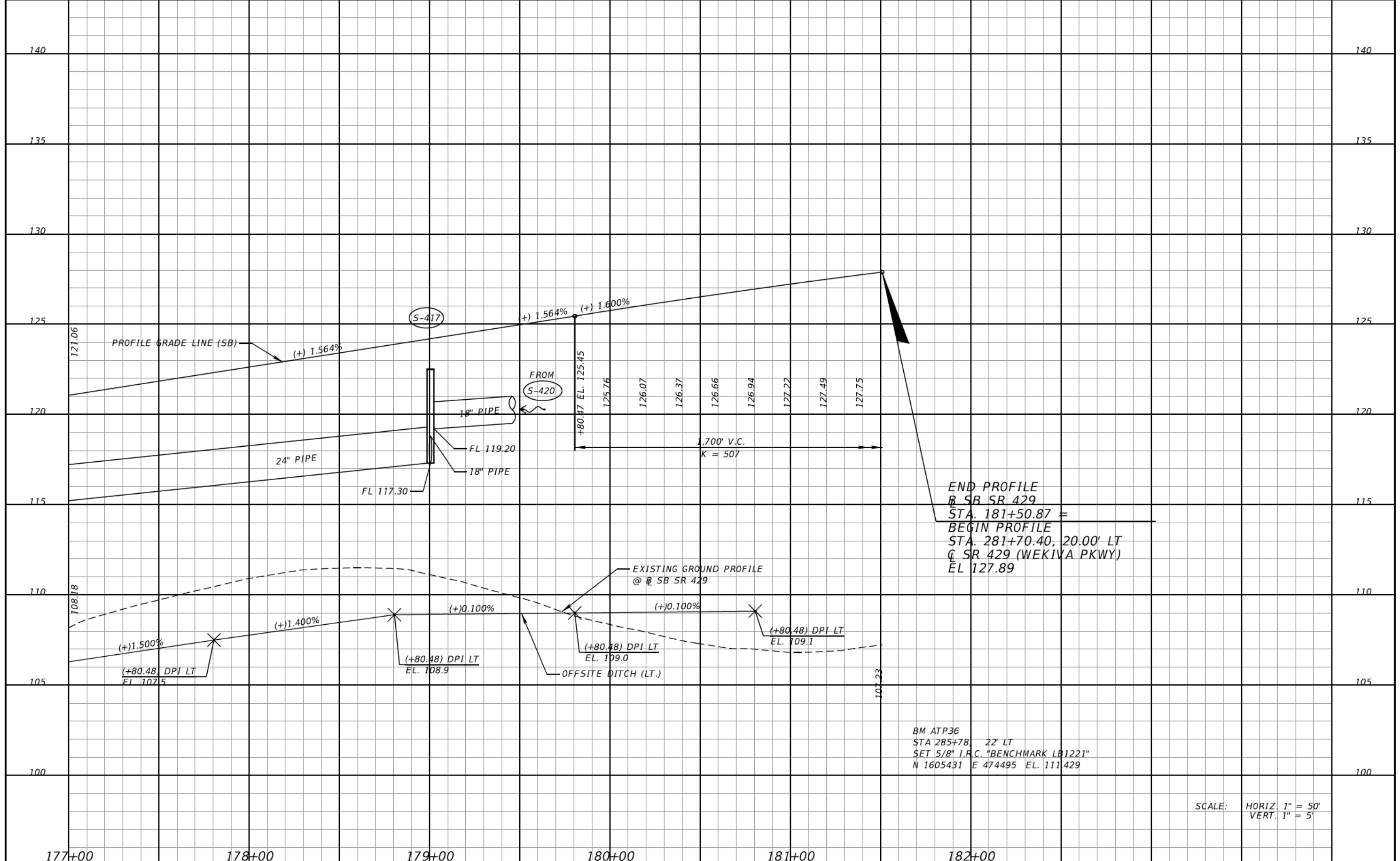
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (10)
SB SR 429

SHEET NO.
 94



END PROFILE
 @ SB SR 429
 STA. 181+50.87 =
 BEGIN PROFILE
 STA. 281+70.40, 20.00' LT
 @ SR 429 (WEKIVA PKWY)
 EL. 127.89

BM ATP36
 STA 285+78, 22' LT
 SET 5/8" I.F.C. "BENCHMARK LB1221"
 N 1605431 E 474495 EL. 111.429

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

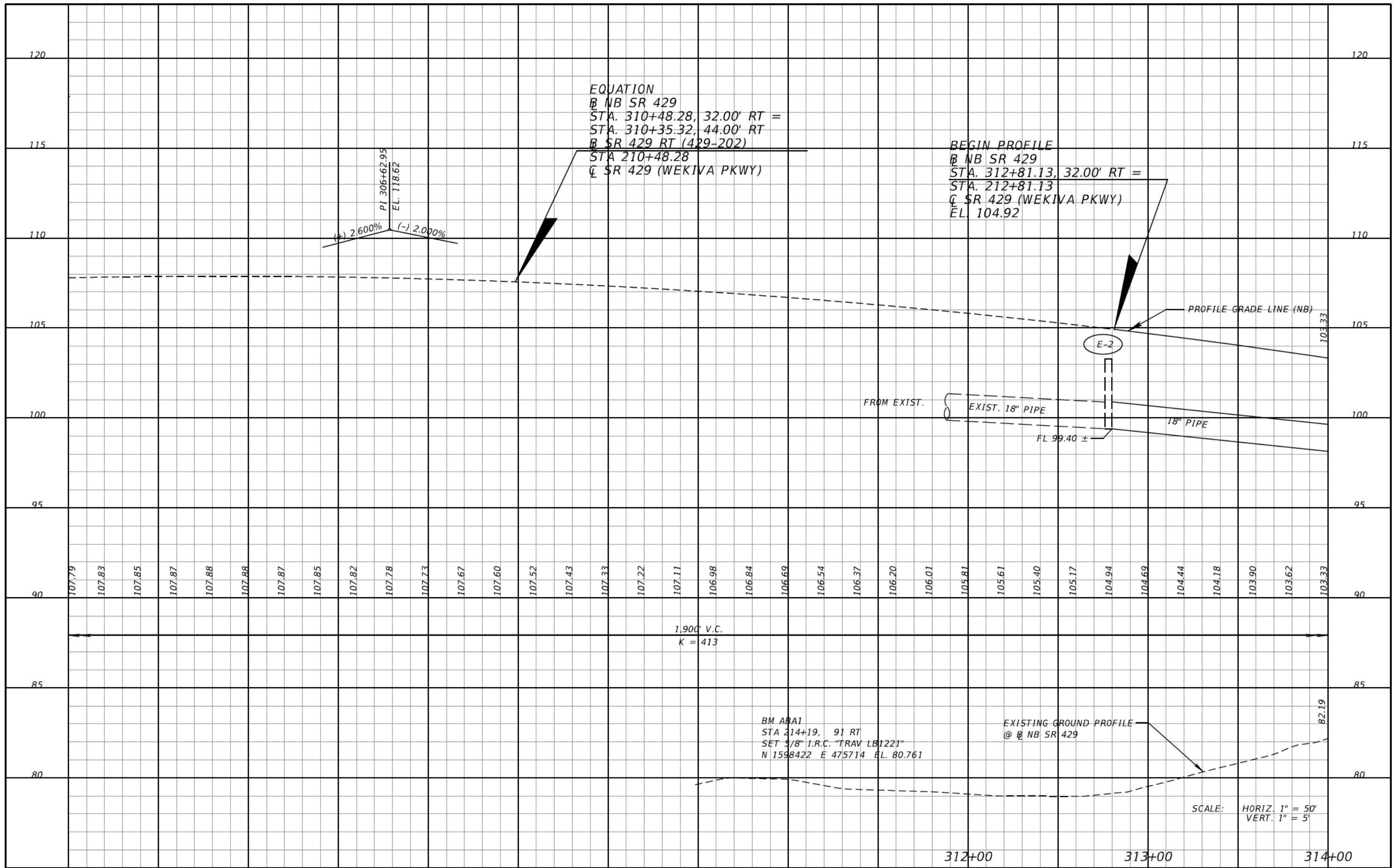
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (11)
SB SR 429

SHEET NO.
 95



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

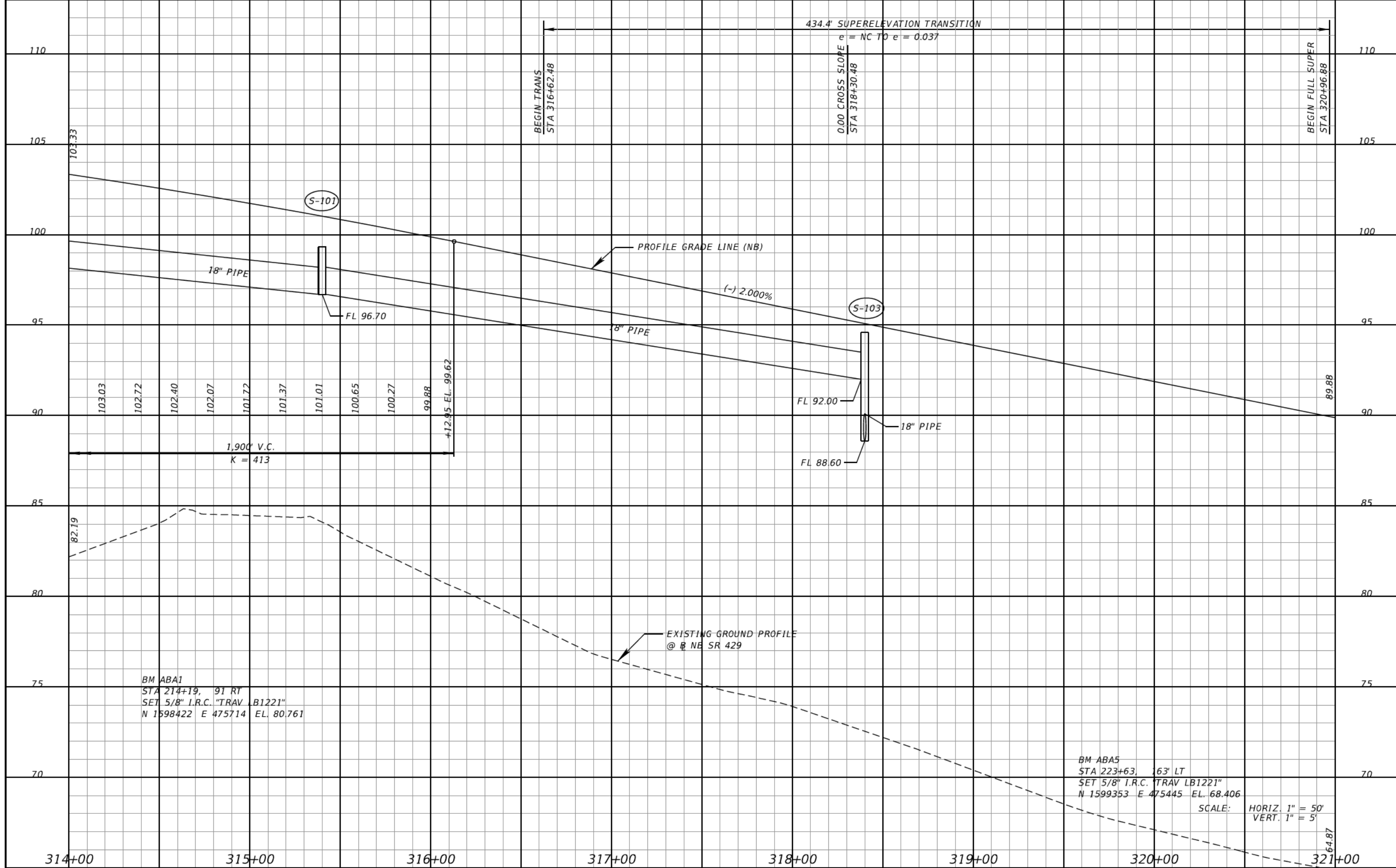
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (12)
NB SR 429

SHEET NO.
 96



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

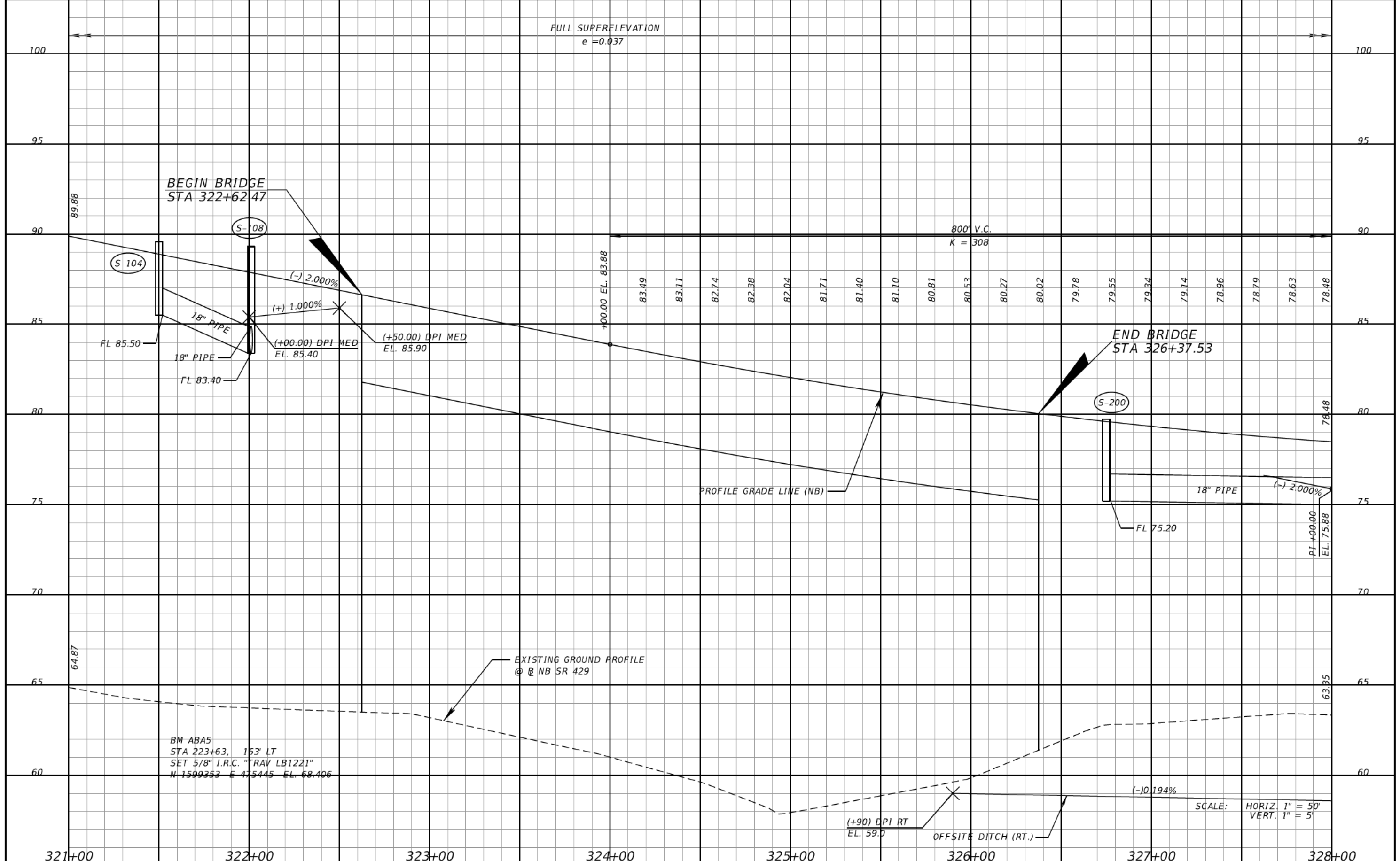
ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (13)
NB SR 429

SHEET NO.
97

FULL SUPERELEVATION
e = 0.037



BEGIN BRIDGE
STA 322+62.47

END BRIDGE
STA 326+37.53

BM ABAS
STA 223+63, 163' LT
SET 5/8" I.R.C. "TRAV LB1221"
N 1599353 E 475445 EL. 68.406

EXISTING GROUND PROFILE
@ NB SR 429

SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

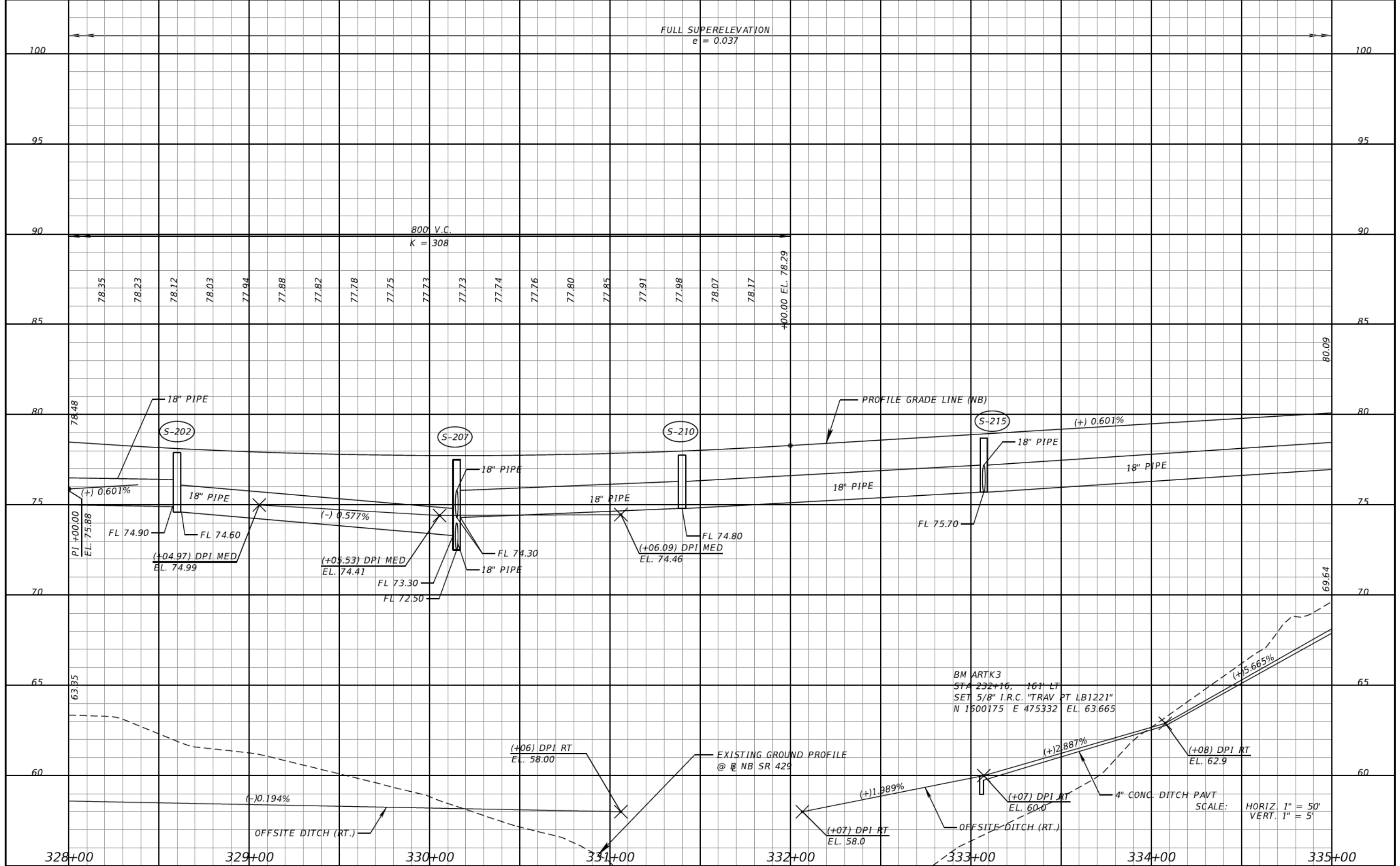
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (14)
NB SR 429

SHEET NO.
98



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

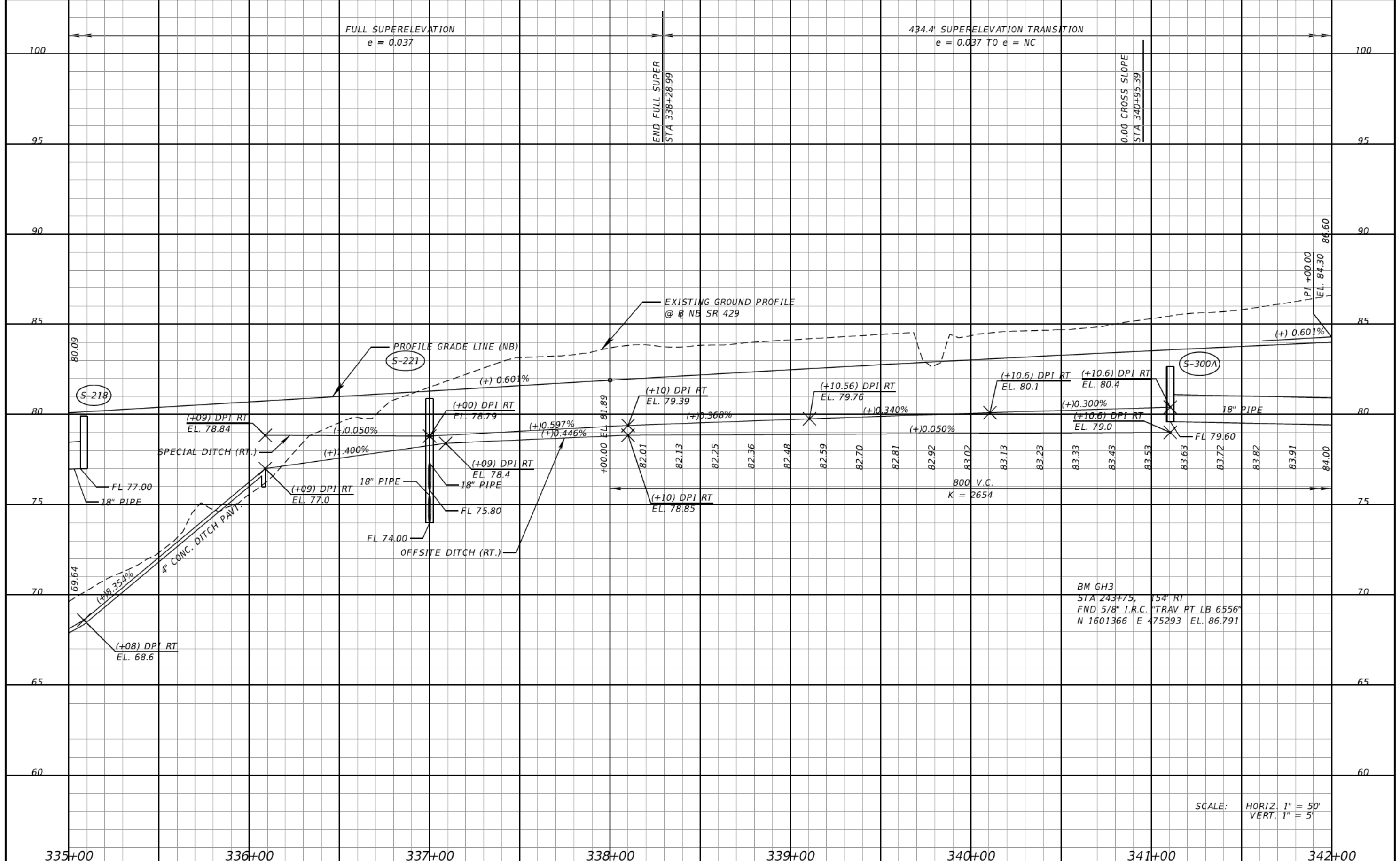
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (15)
NB SR 429

SHEET NO.
99



SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

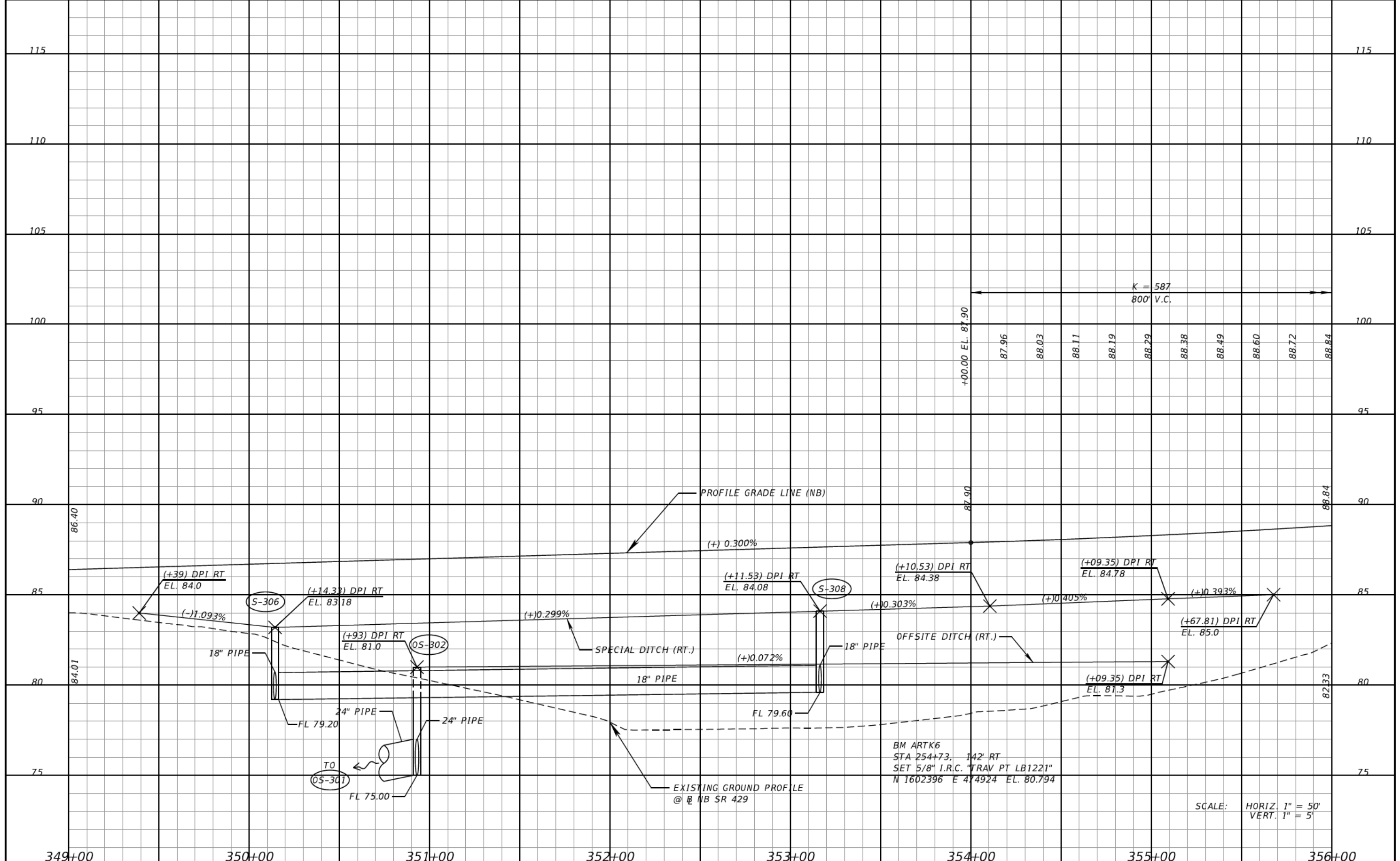
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (16)
NB SR 429

SHEET NO.
100



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

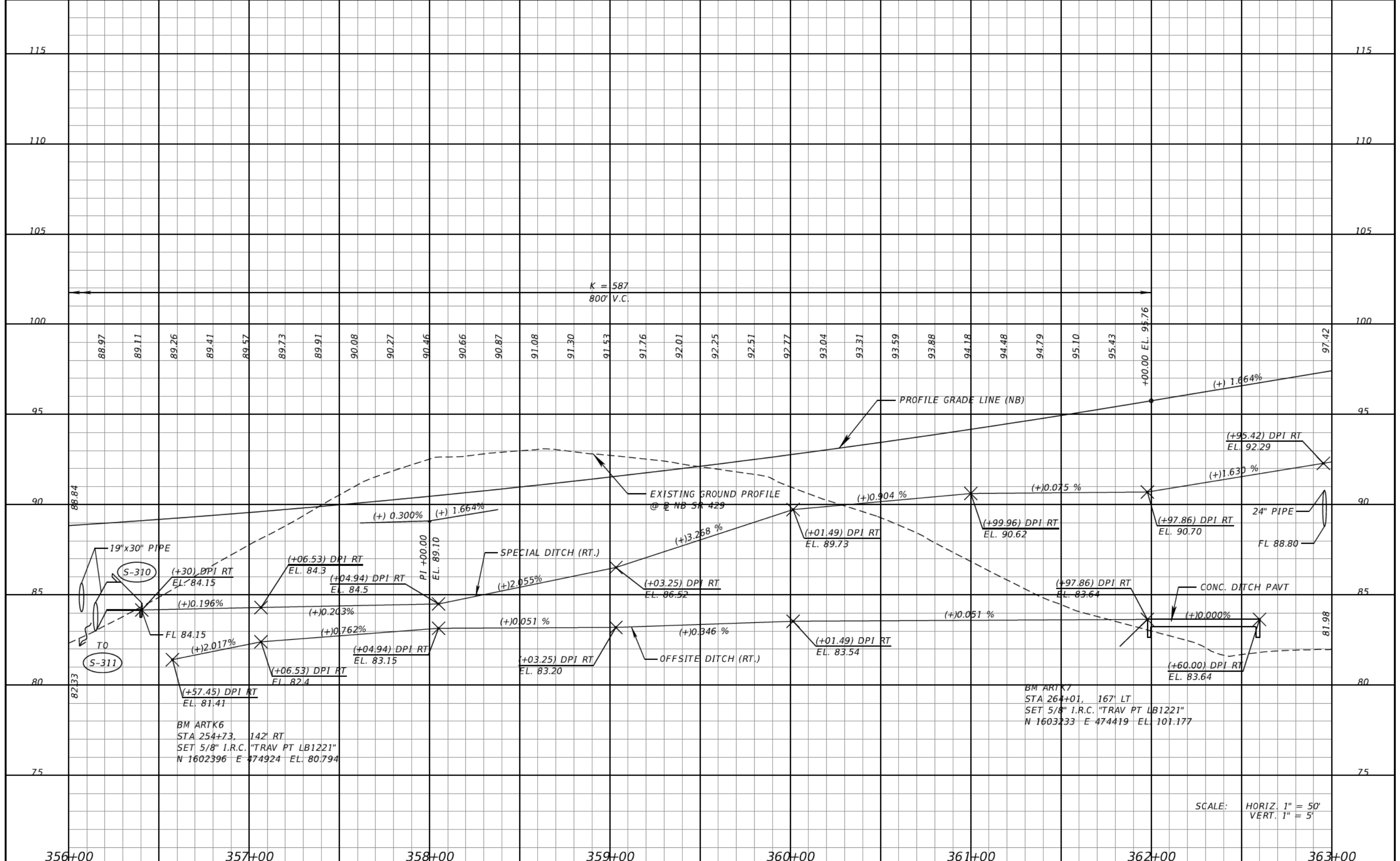
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



SR 429 PROFILE SHEET (18)
NB SR 429

SHEET NO. 102



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

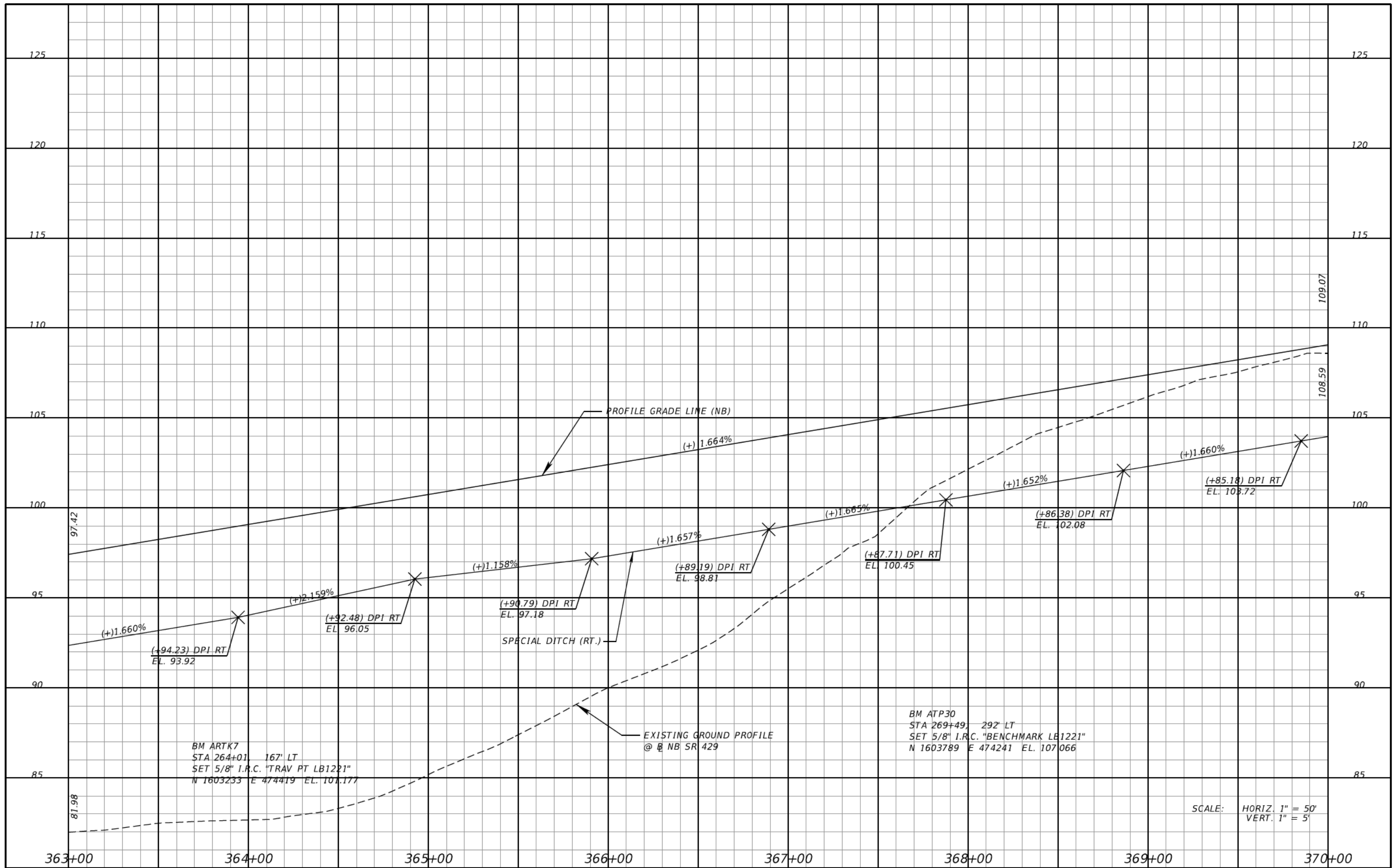
ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (19)
NB SR 429

SHEET NO.
103

SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

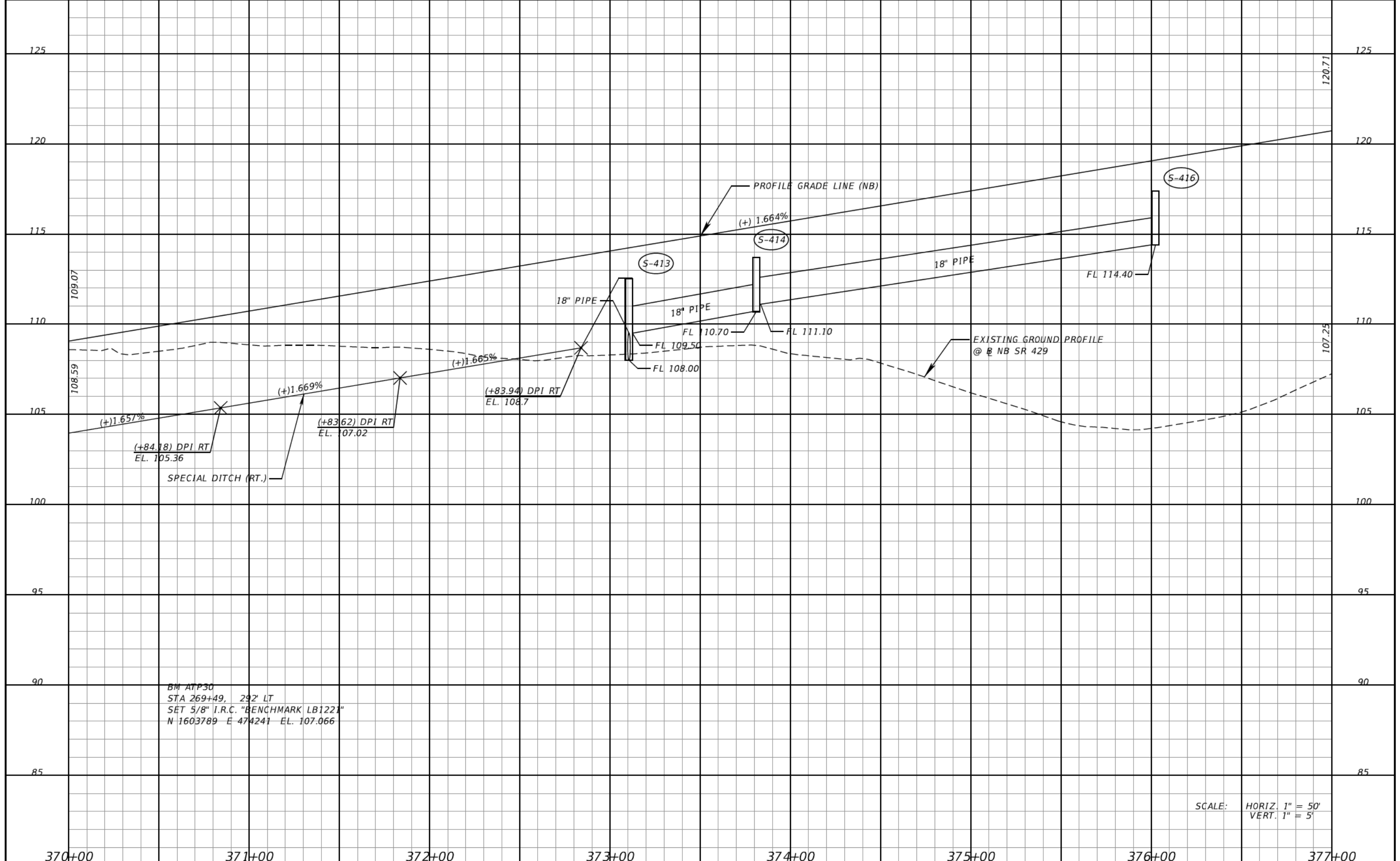
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (20)
NB SR 429

SHEET NO.
 104



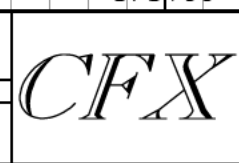
BM ATP30
 STA 269+49, 292' LT
 SET 5/8" I.R.C. "BENCHMARK LB1221"
 N 1603789 E 474241 EL. 107.066

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

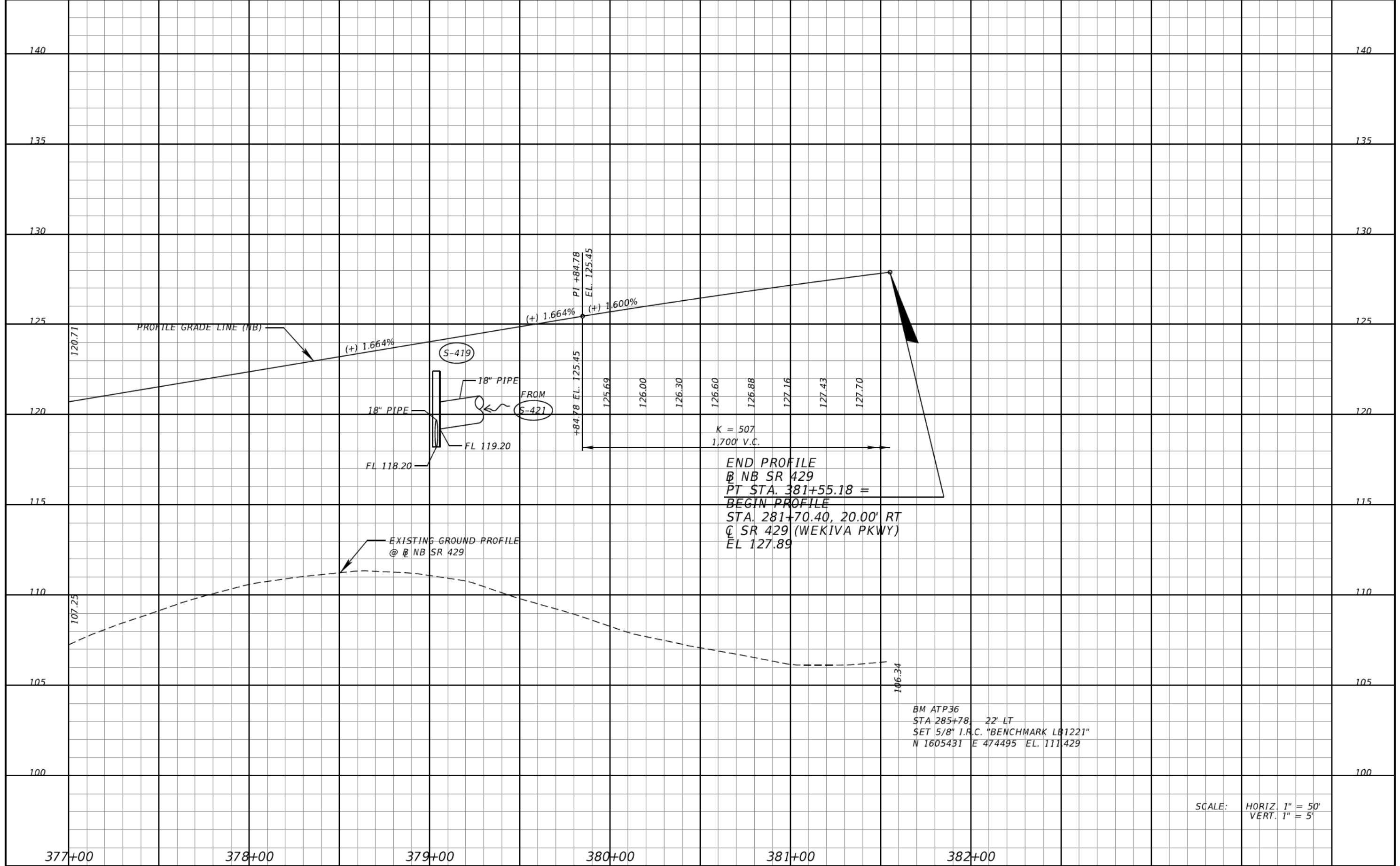
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (21)
NB SR 429

SHEET NO.
 105



END PROFILE
 @ NB SR 429
 PT STA. 381+55.18 =
 BEGIN PROFILE
 STA. 281+70.40, 20.00' RT
 @ SR 429 (WEKIVA PKWY)
 EL 127.89

BM ATP36
 STA 285+78.12 22' LT
 SET 5/8" I.F.C. "BENCHMARK LB1221"
 N 1605431 E 474495 EL. 111.429

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

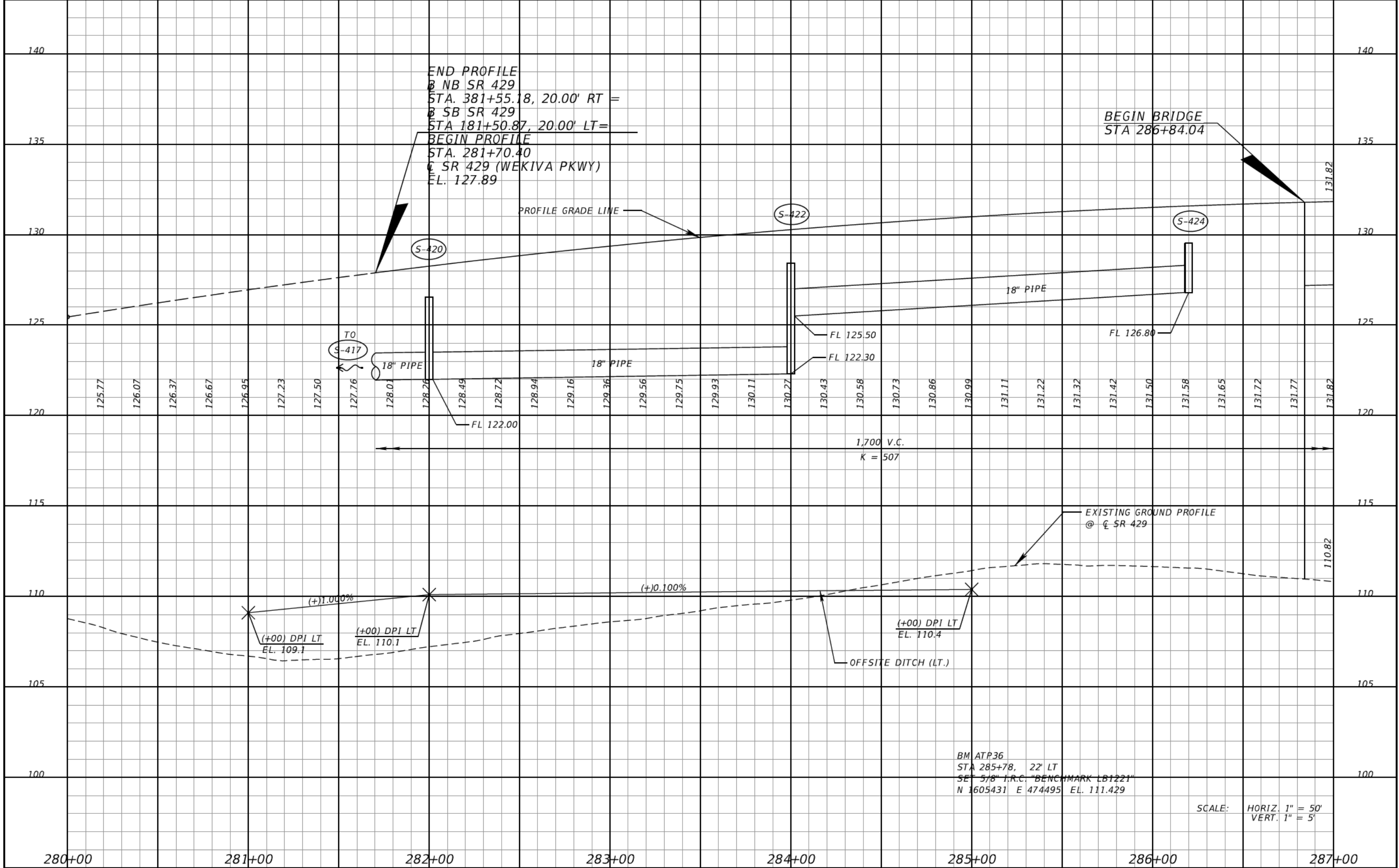
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (22)
NB SR 429

SHEET NO.
 106



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

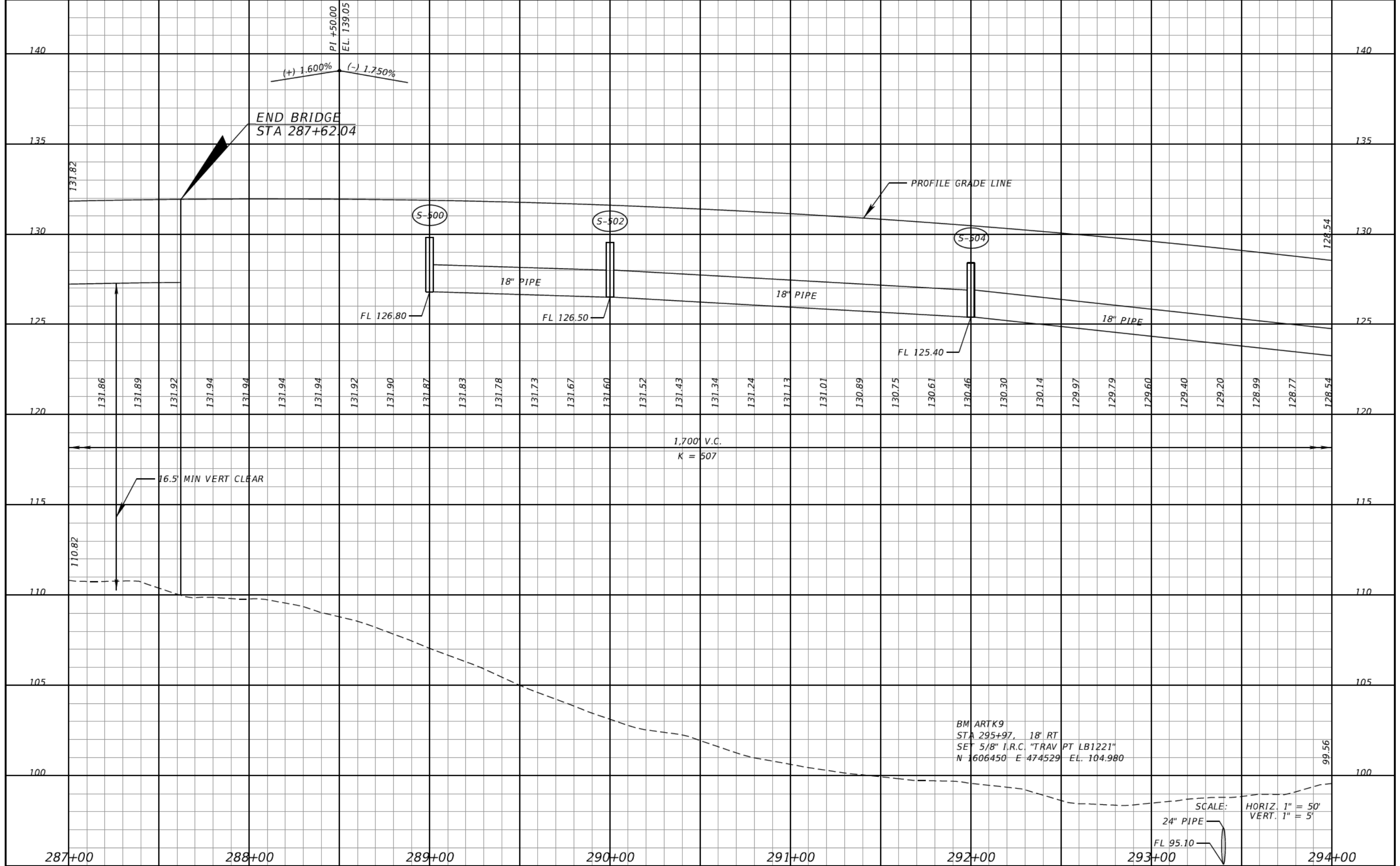
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (23)
SR 429

SHEET NO.
 107



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

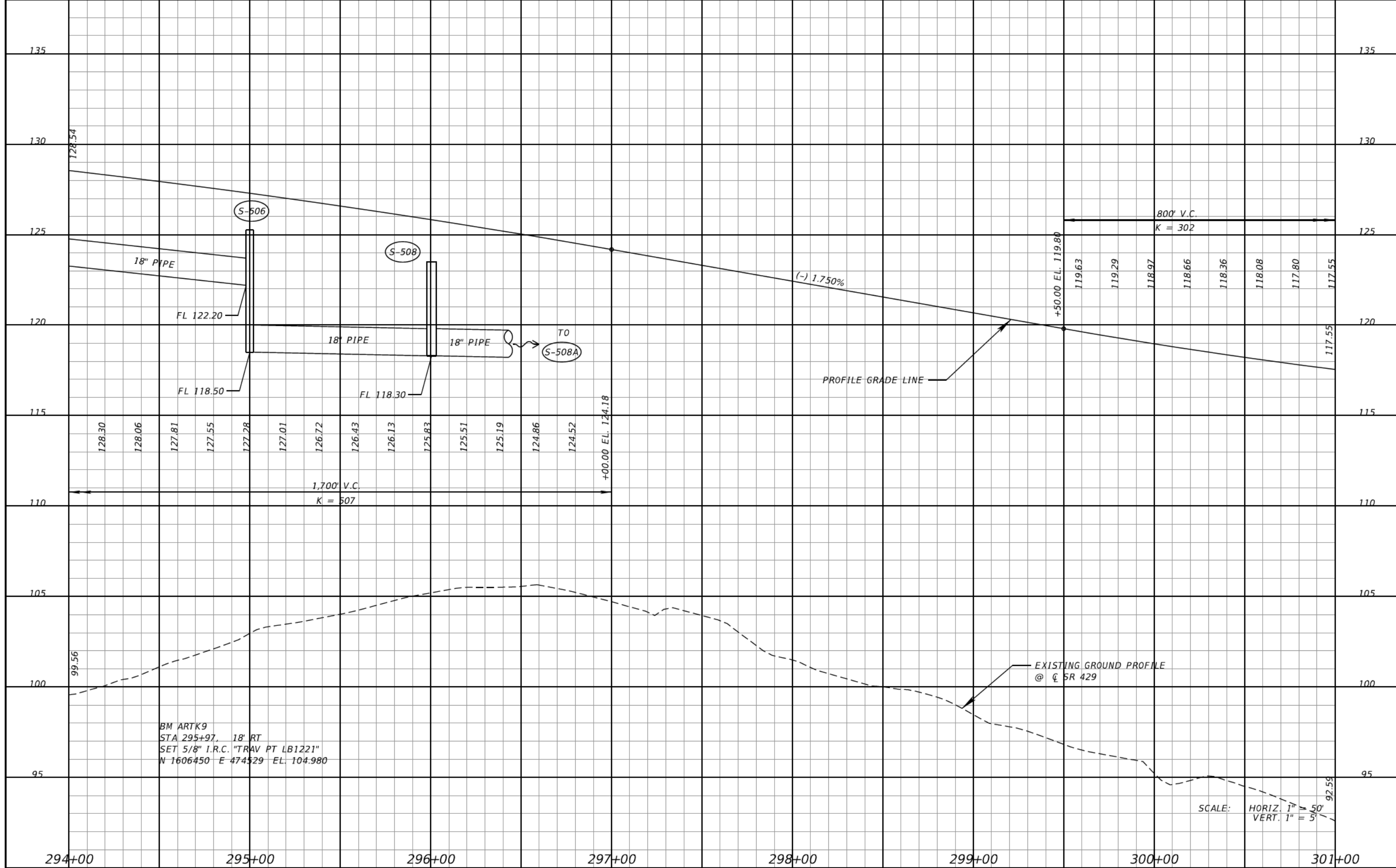
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



SR 429 PROFILE SHEET (24)
SR 429

SHEET NO. 108



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

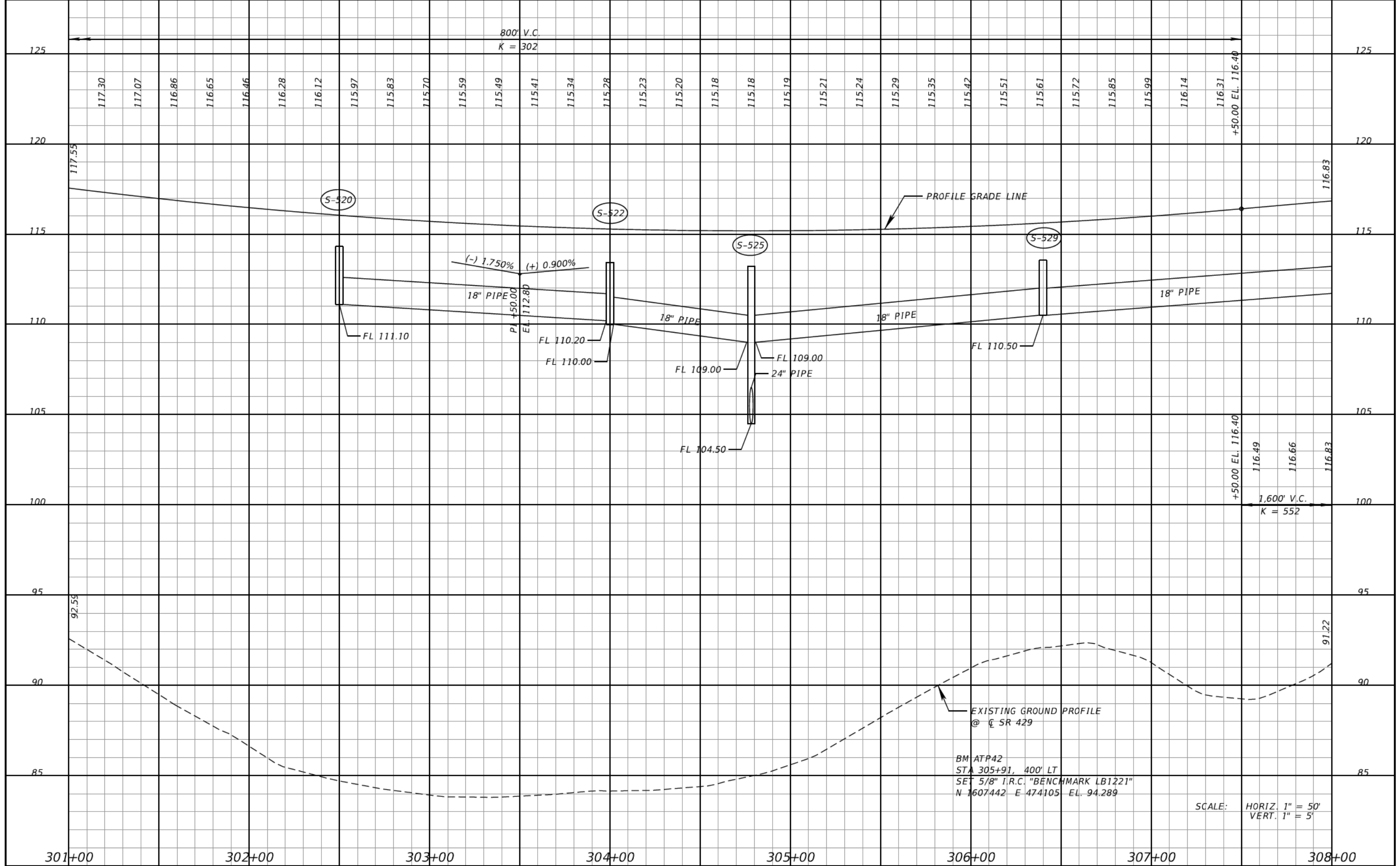
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (25)
SR 429

SHEET NO.
109



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

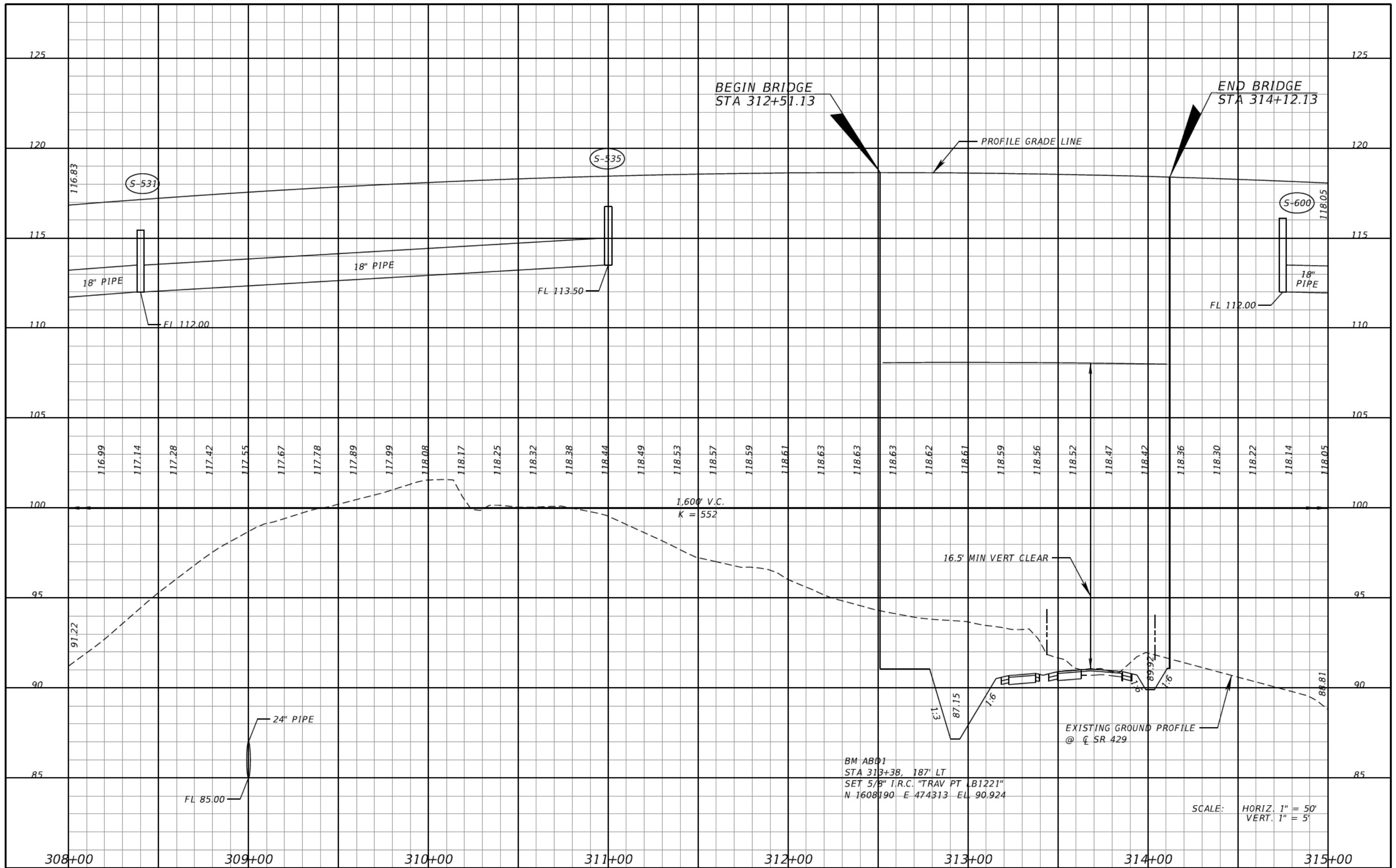
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



SR 429 PROFILE SHEET (26)
SR 429

SHEET NO. 110



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

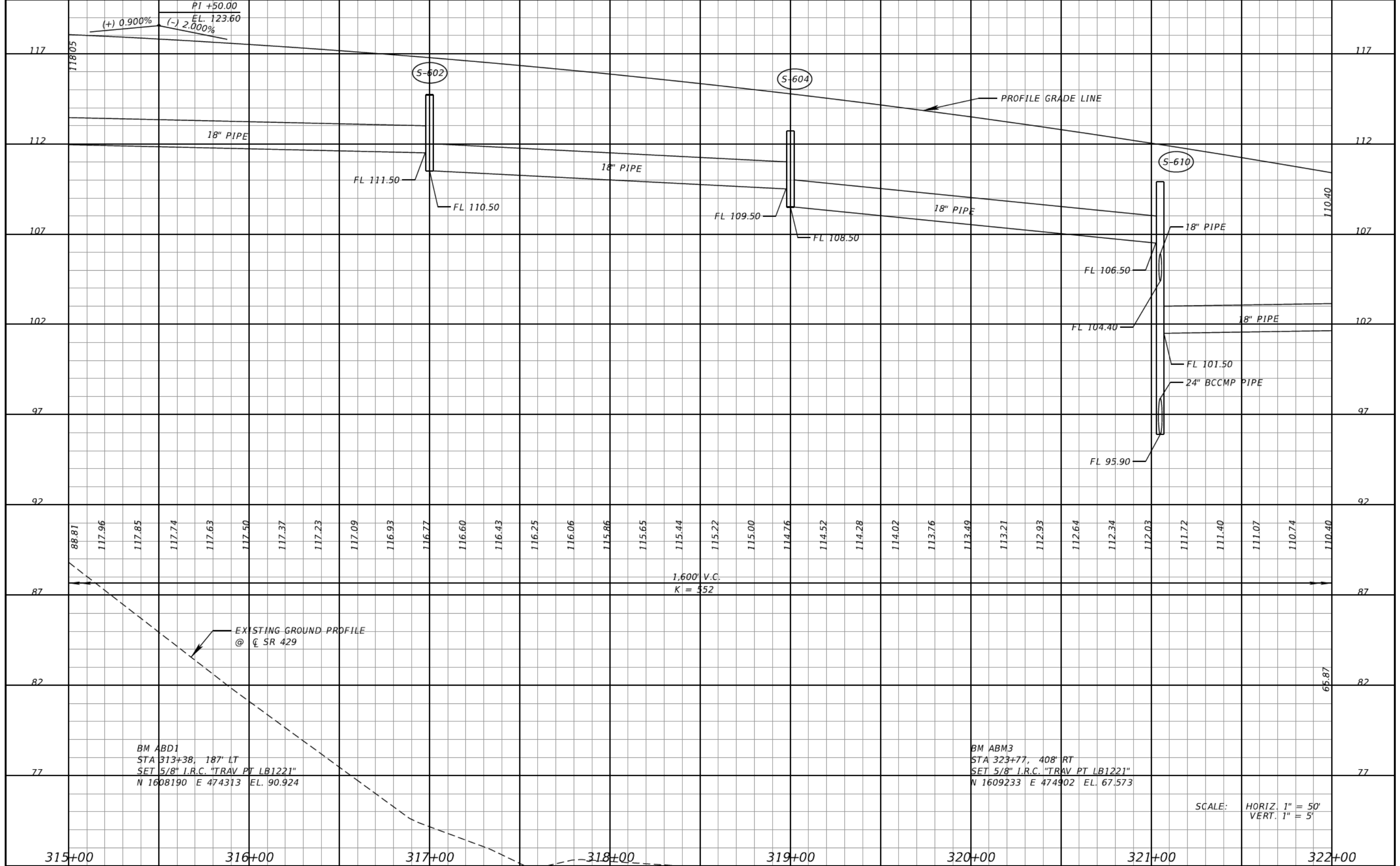
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (27)
SR 429

SHEET NO.
111



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

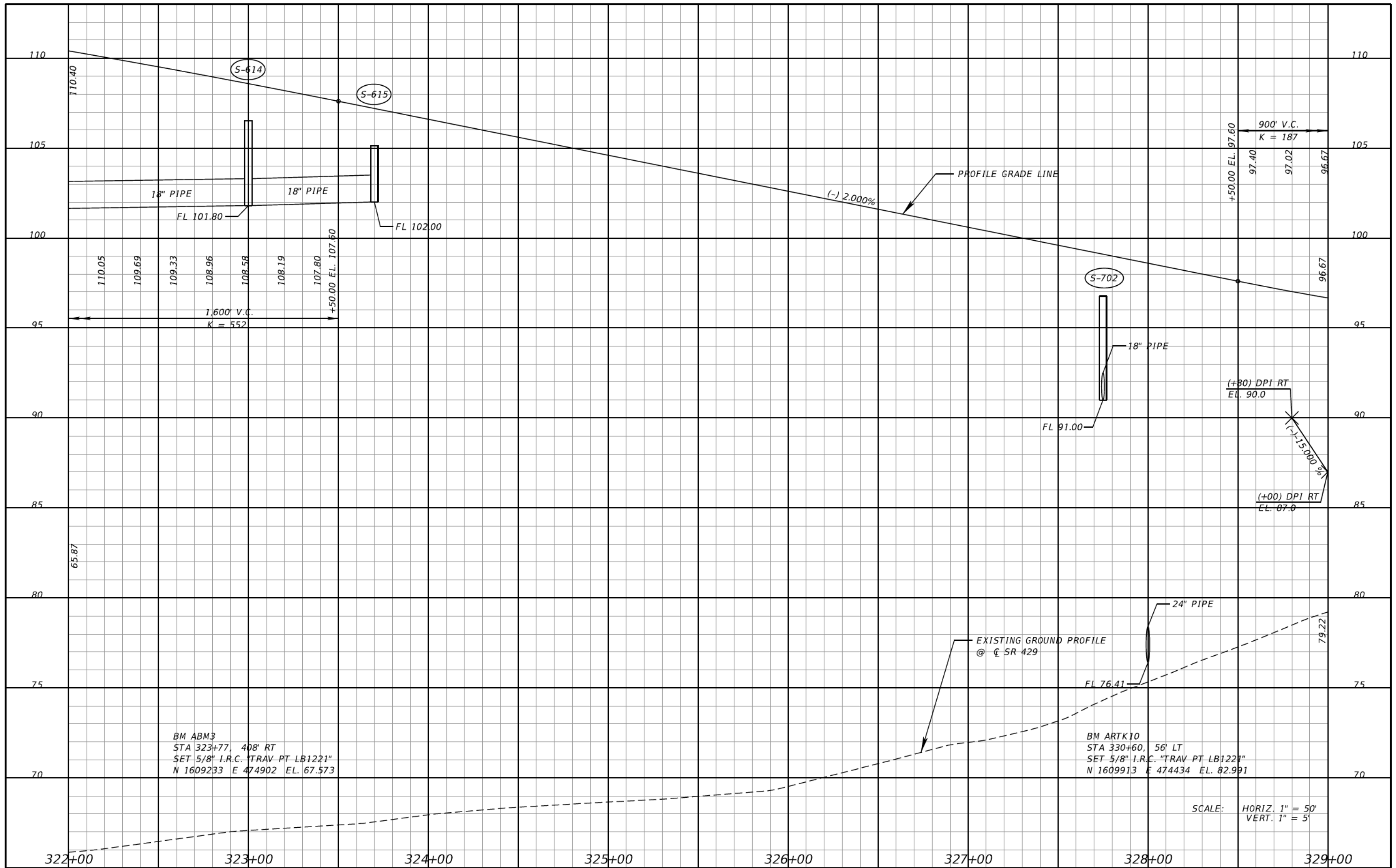
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



SR 429 PROFILE SHEET (28)
SR 429

SHEET NO.
112



BM ABM3
 STA 323+77, 408' RT
 SET 5/8" I.R.C. "TRAV PT LB1221"
 N 1609233 E 474902 EL. 67.573

BM ARTK10
 STA 330+60, 56' LT
 SET 5/8" I.R.C. "TRAV PT LB1221"
 N 1609913 E 474434 EL. 82.991

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

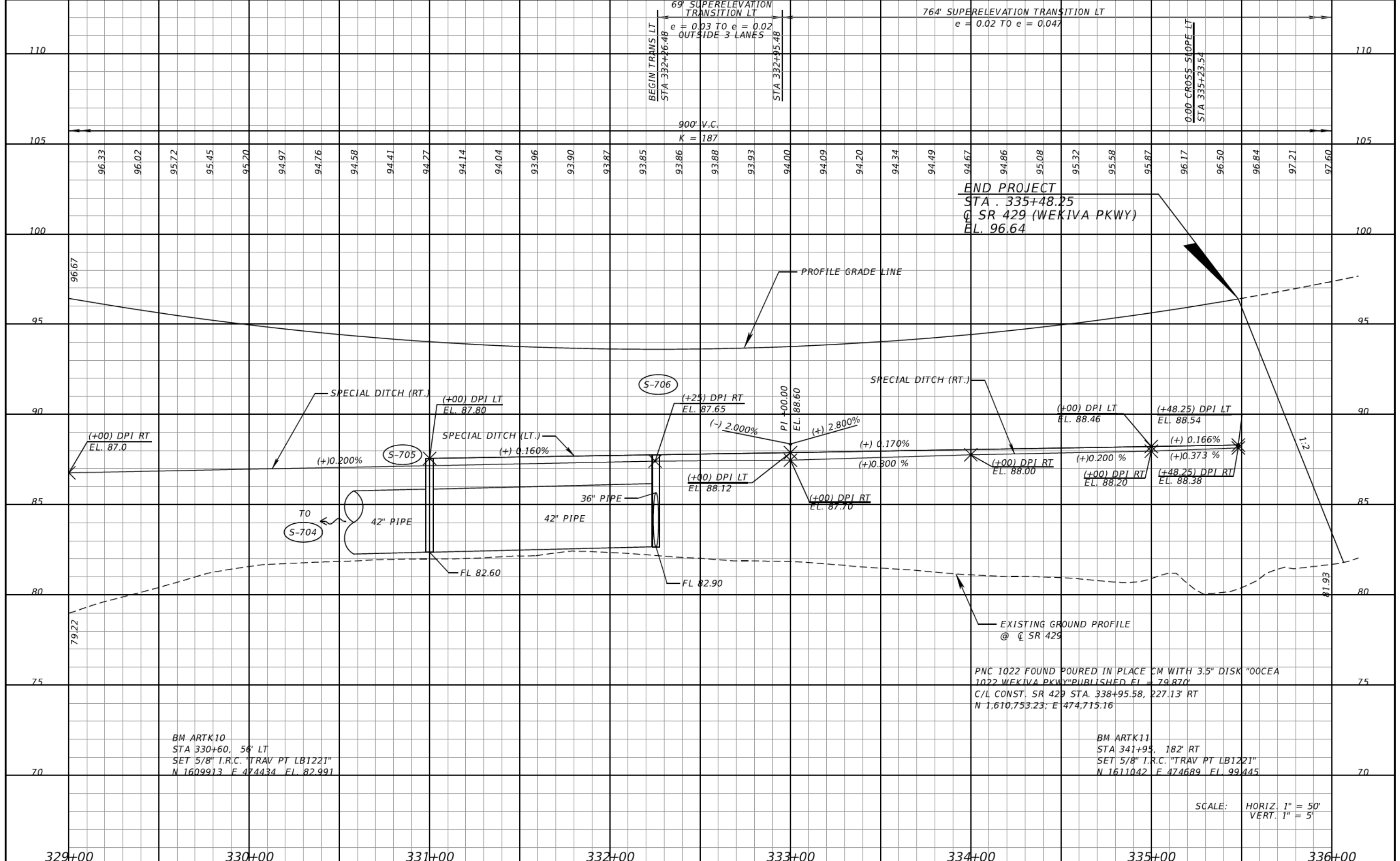
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



SR 429 PROFILE SHEET (29)
SR 429

SHEET NO. 113



BM ARTK10
 STA 330+60, 56' LT
 SET 5/8" I.R.C. "TRAV PT LB1221"
 N 1609913 F 474434 EL. 82.991

BM ARTK11
 STA 341+95, 182' RT
 SET 5/8" I.R.C. "TRAV PT LB1221"
 N 1611042 F 474689 EL. 99.445

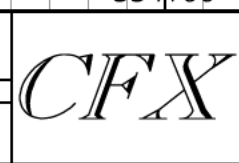
PNC 1022 FOUND POURED IN PLACE CM WITH 3.5" DISK "OOCEA
 1022 WEKIVA PKWY" PUBLISHED EL. = 79.870
 C/L CONST. SR 429 STA. 338+95.58, 227.13' RT
 N 1,610,753.23; E 474,715.16

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

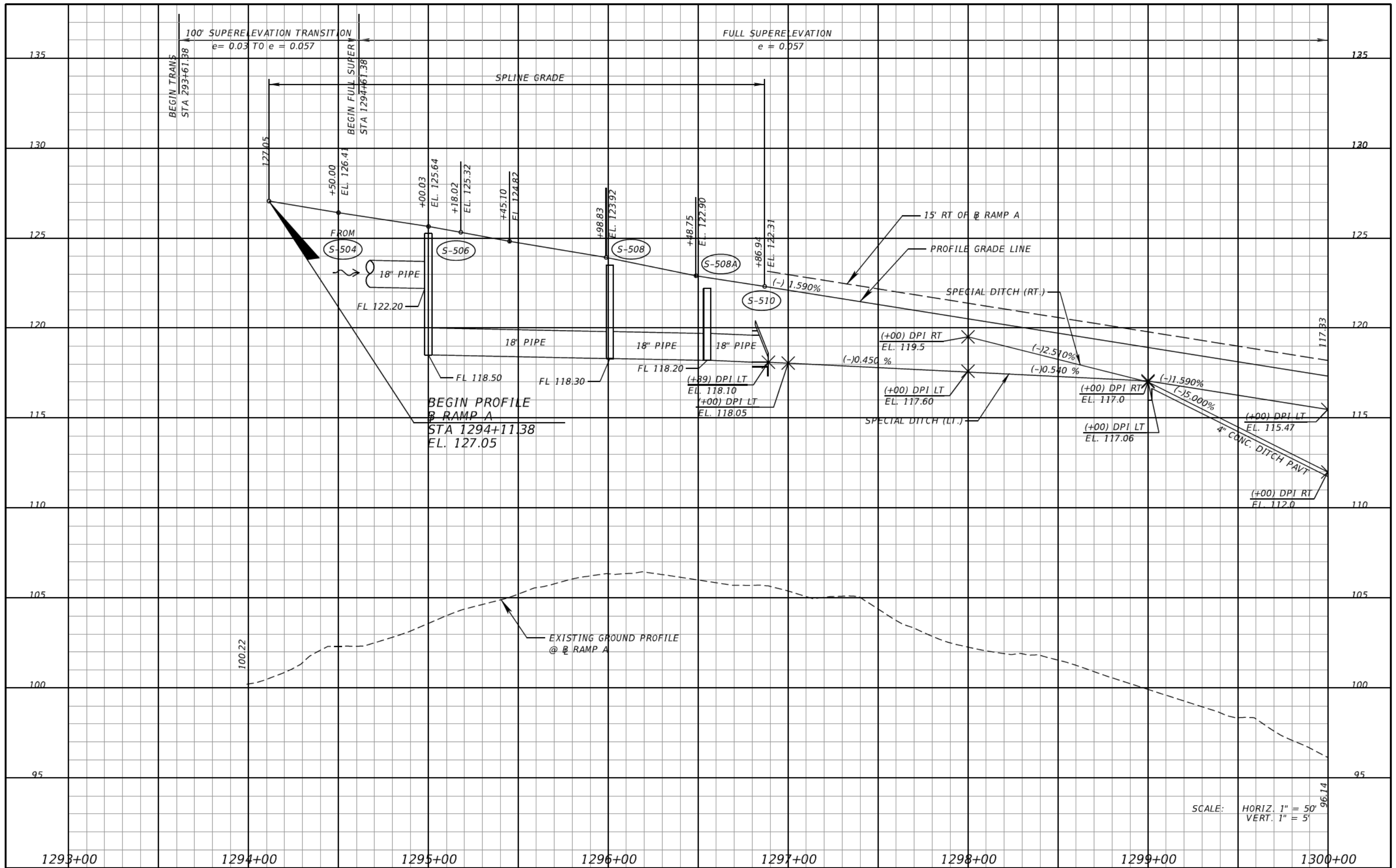
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



SR 429 PROFILE SHEET (30)
SR 429

SHEET NO. 114



SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

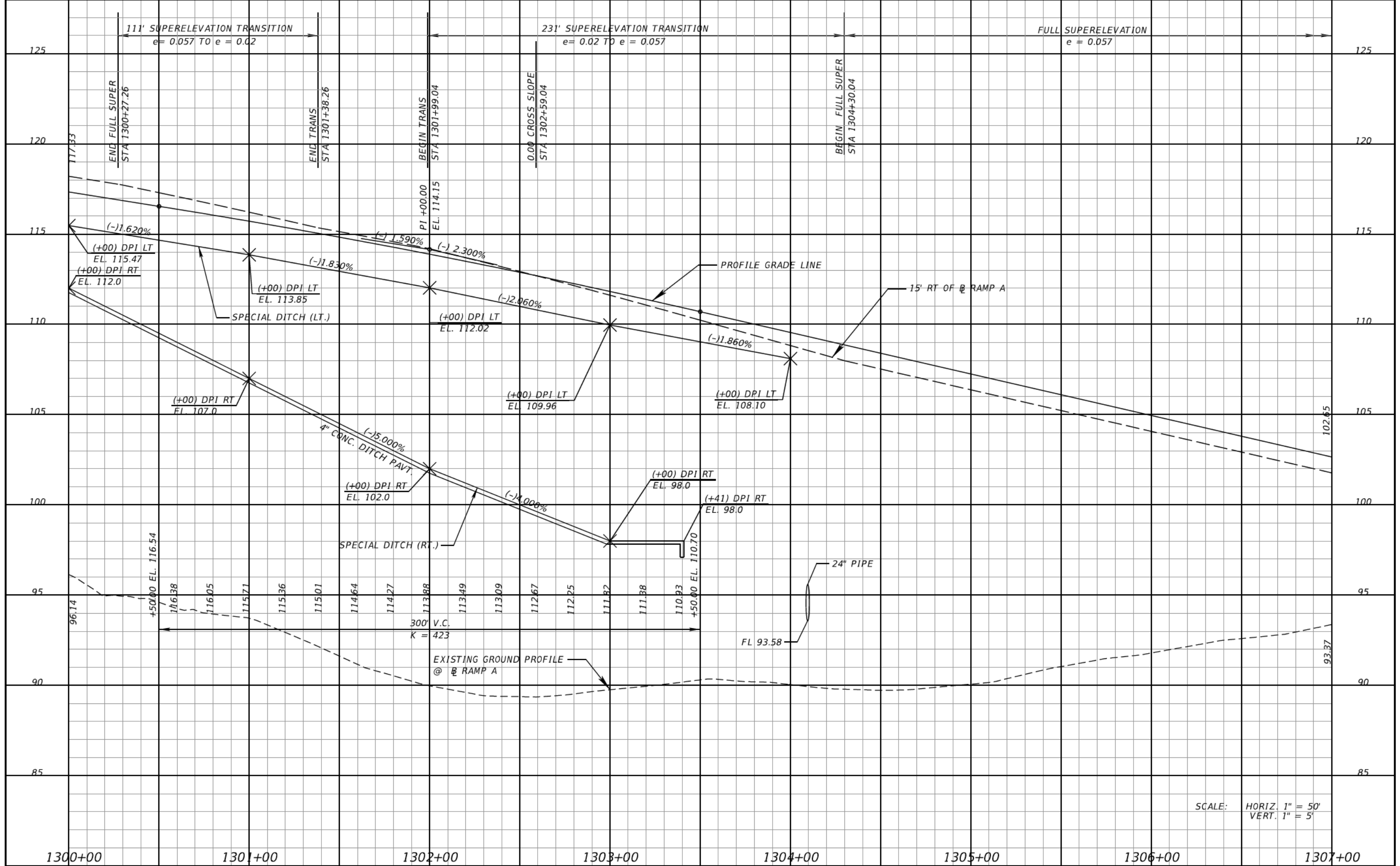
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (31)
RAMP A

SHEET NO.
115



SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

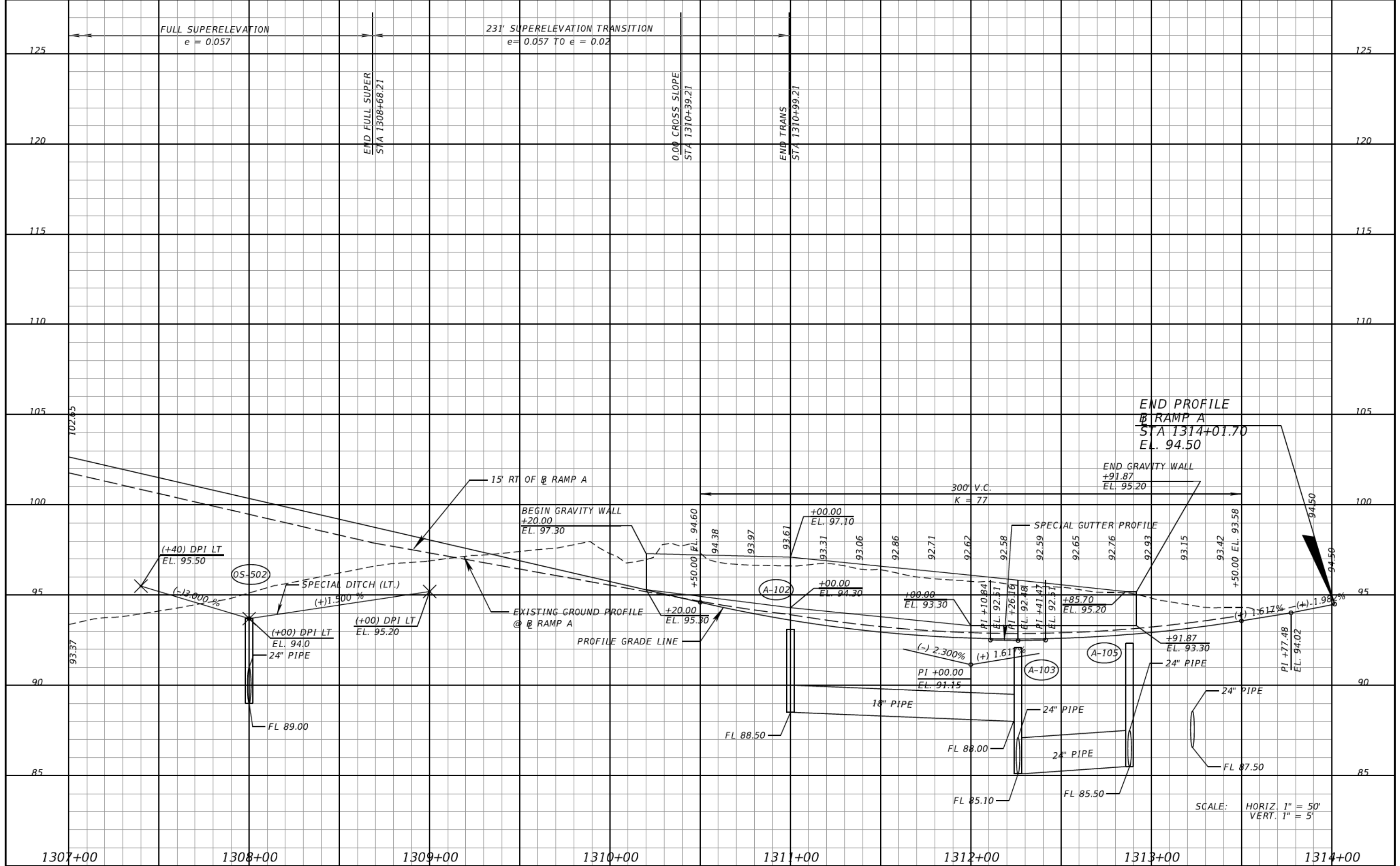
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



PROFILE SHEET (32)
RAMP A

SHEET NO. 116



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

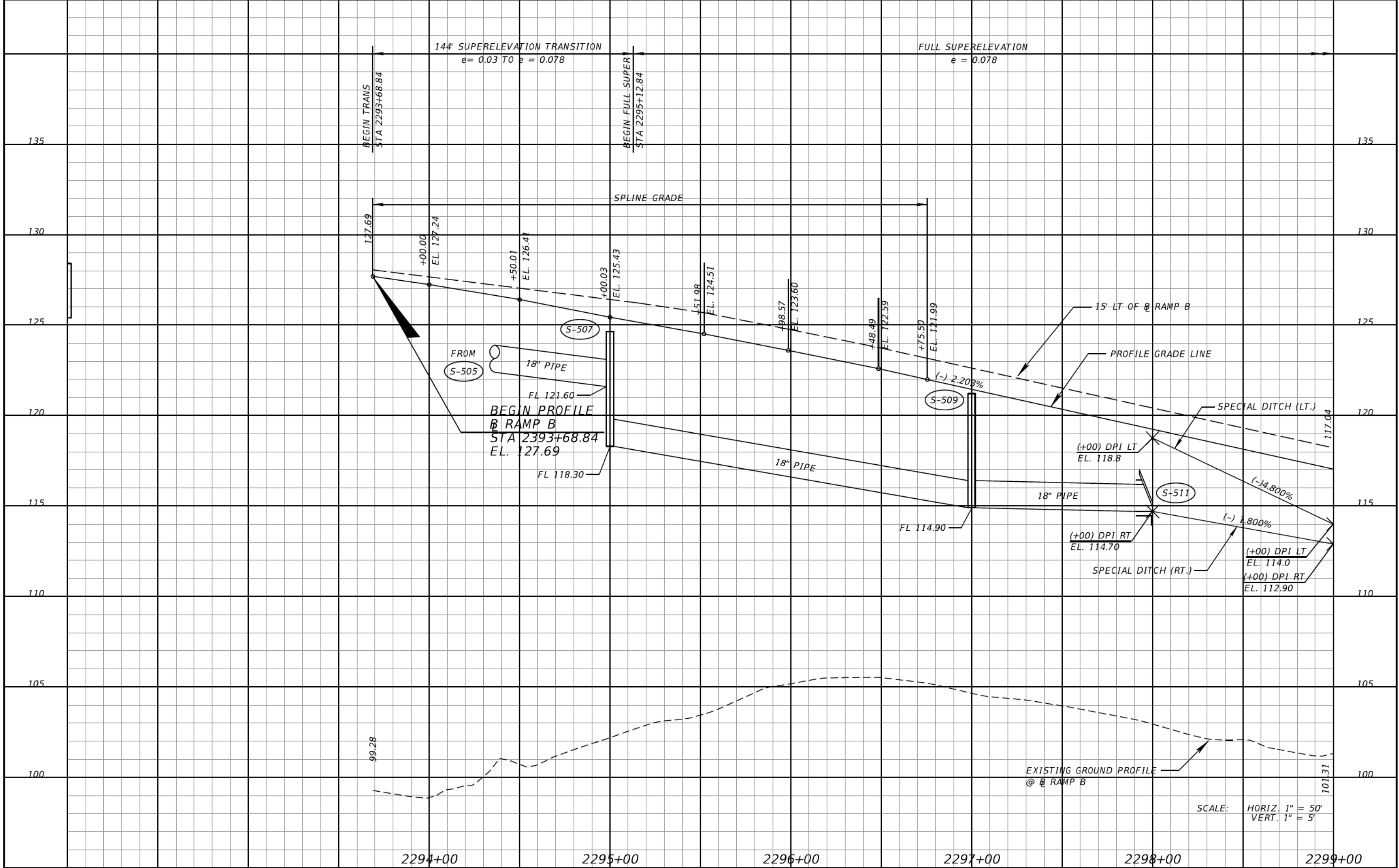
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (33)
RAMP A

SHEET NO.
117



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

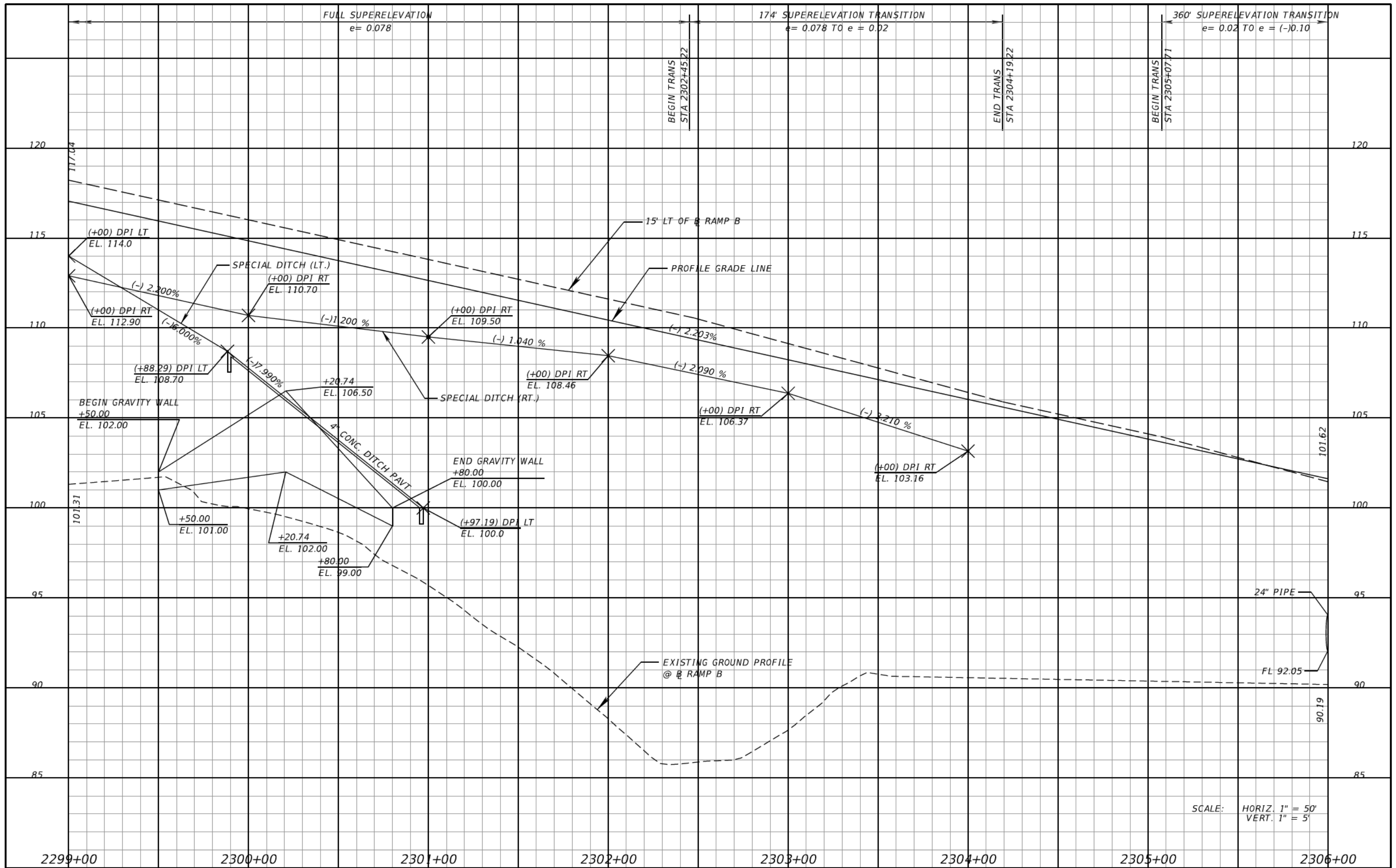
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (34)
RAMP B

SHEET NO.
118



SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

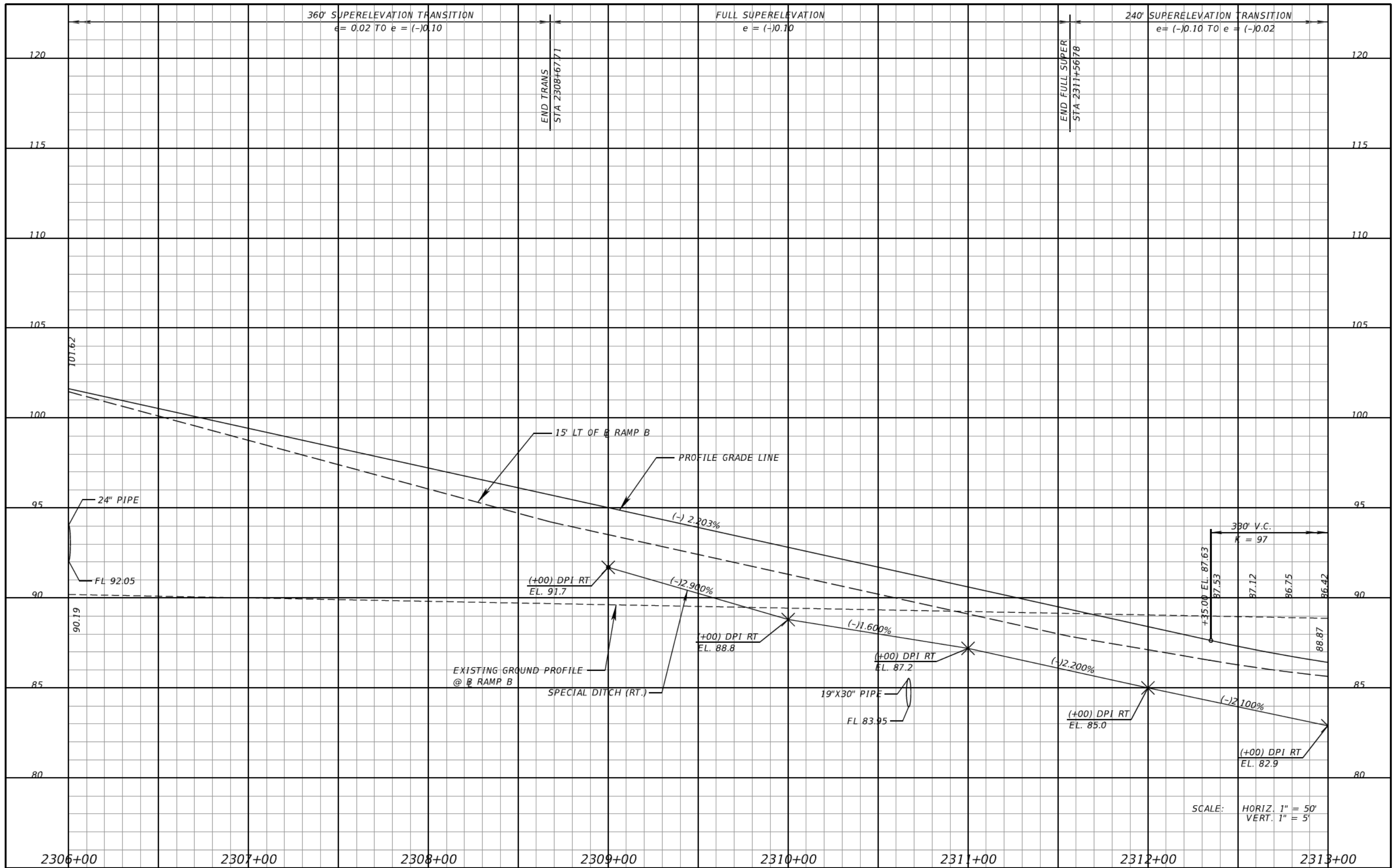
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



PROFILE SHEET (35)
RAMP B

SHEET NO. 119



SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

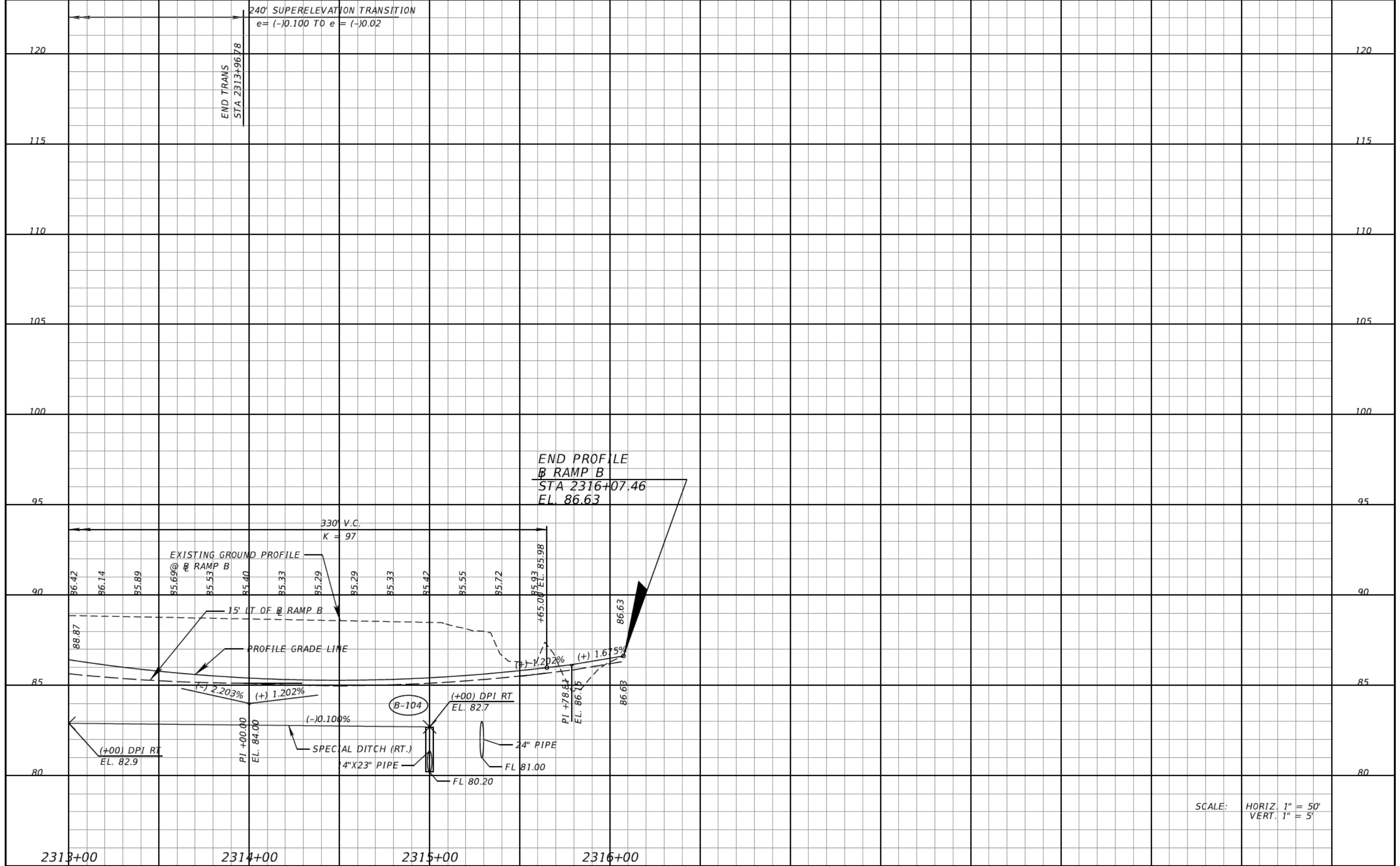
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (36)
RAMP B

SHEET NO.
120



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

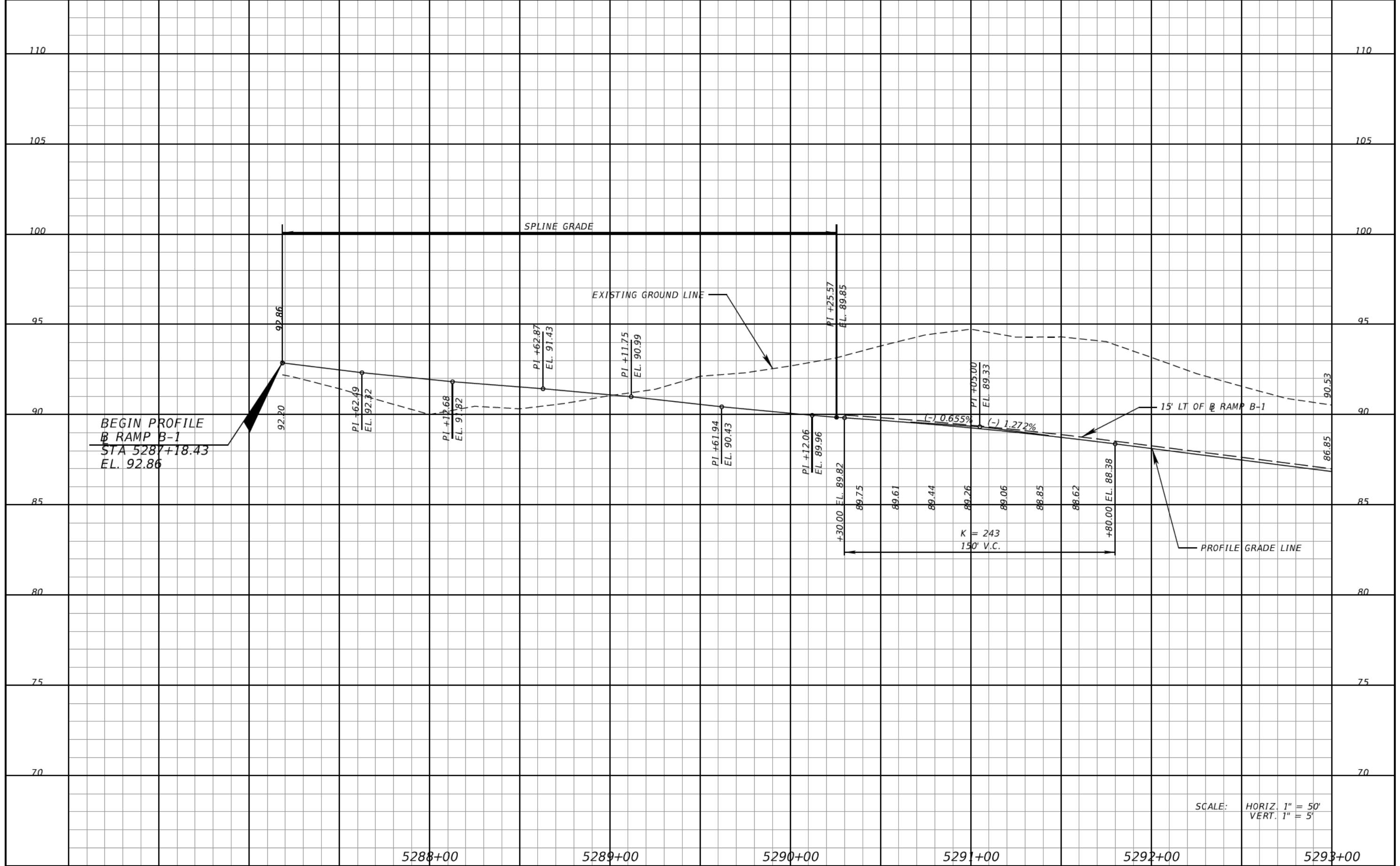
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (37)
RAMP B

SHEET NO.
121



SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

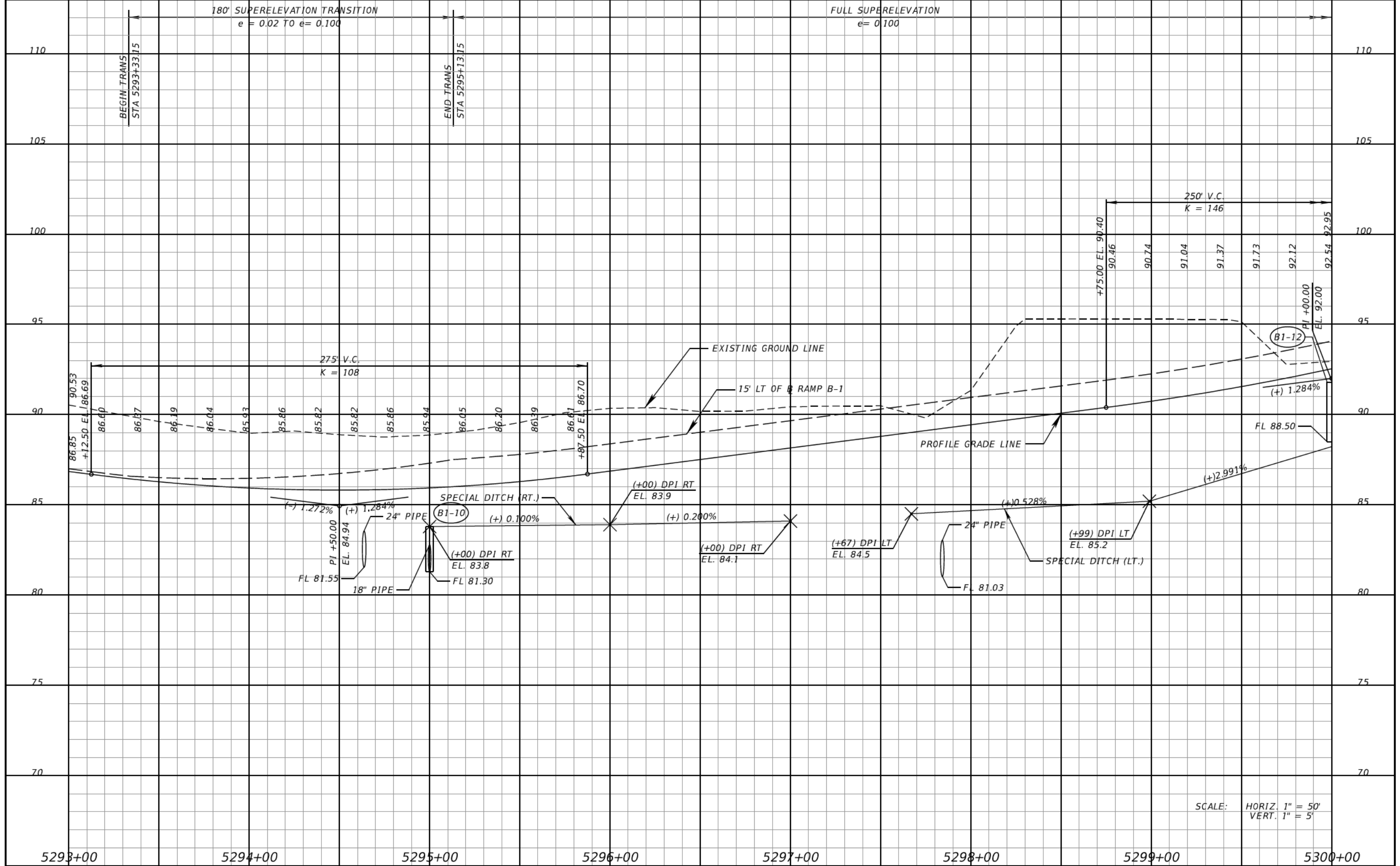
**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO. SR 429	PROJECT NO. 429-203
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**PROFILE SHEET (38)
RAMP B-1**

SHEET NO.
122



SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

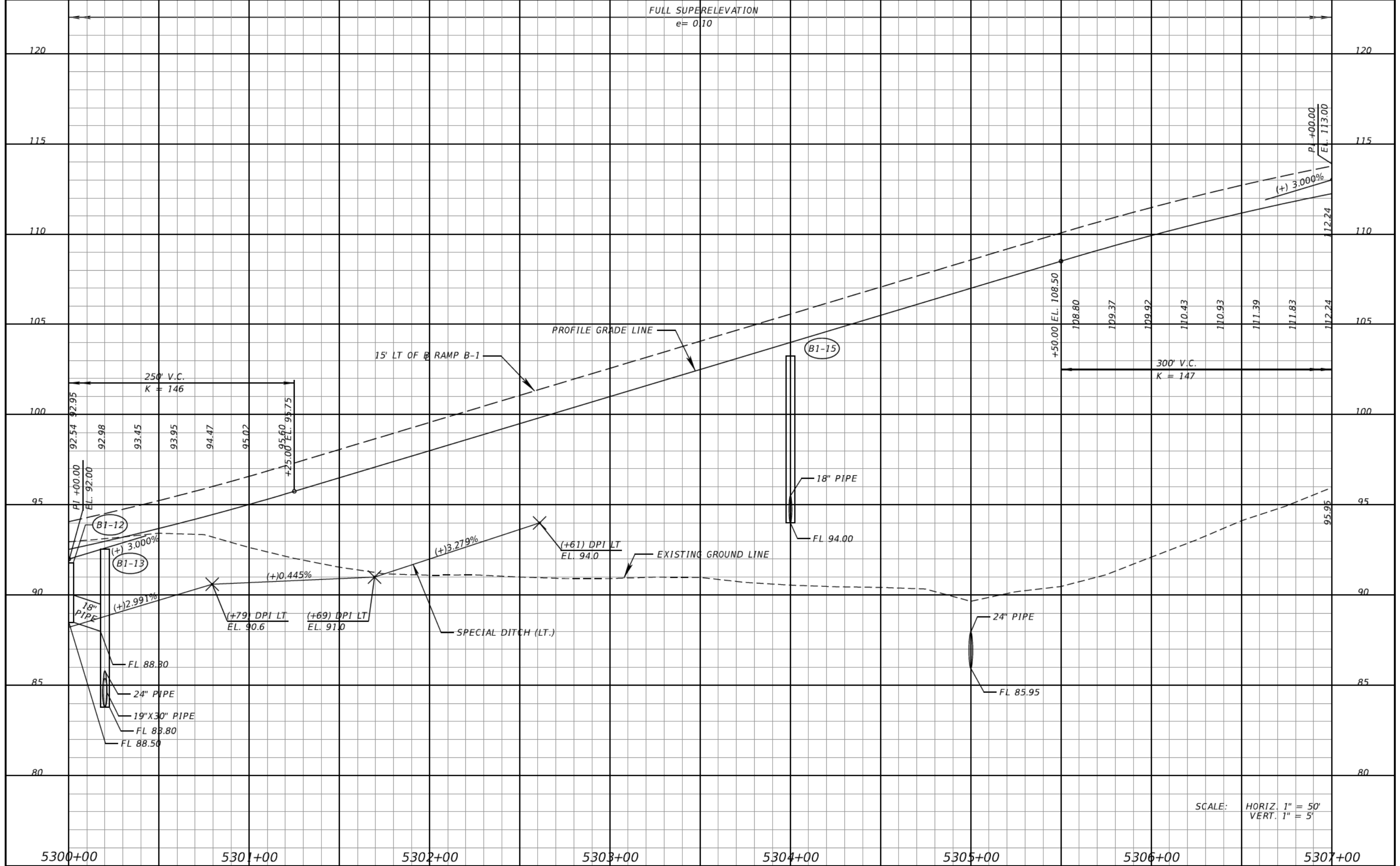
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



PROFILE SHEET (39)
RAMP B-1

SHEET NO. 123

FULL SUPERELEVATION
e= 0.10



SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

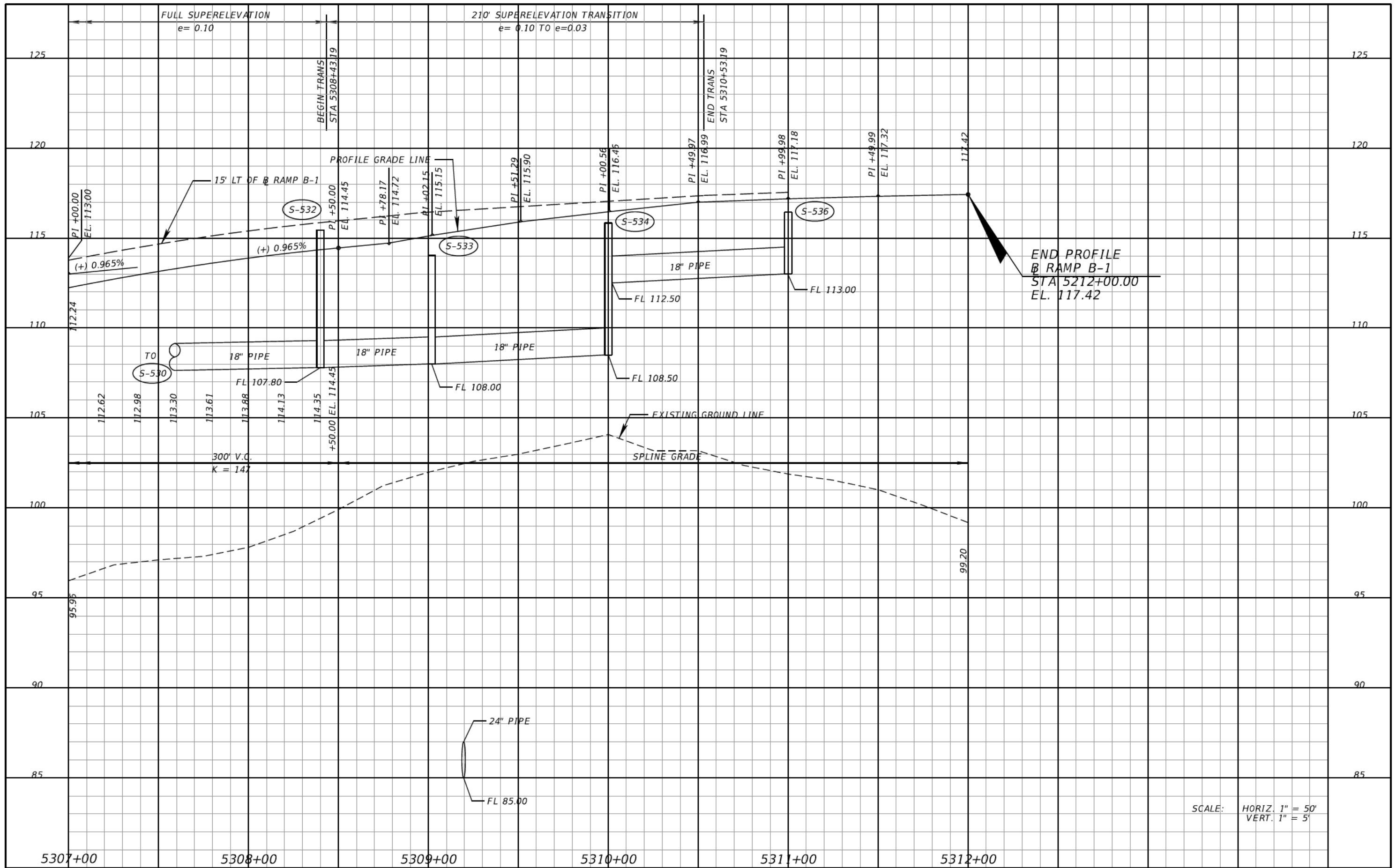
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



PROFILE SHEET (40)
RAMP B-1

SHEET NO. 124



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

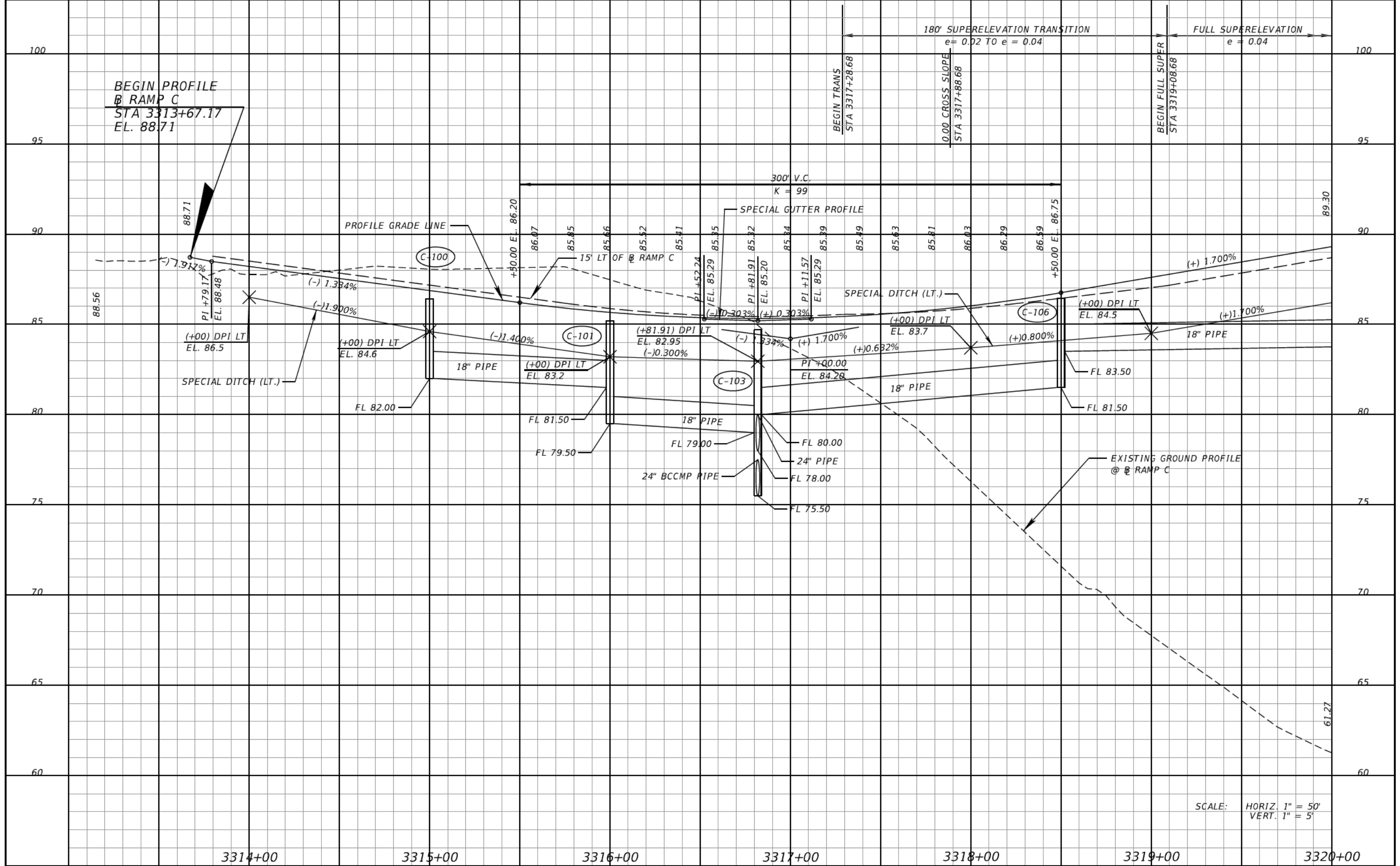
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (41)
RAMP B-1

SHEET NO.
125



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

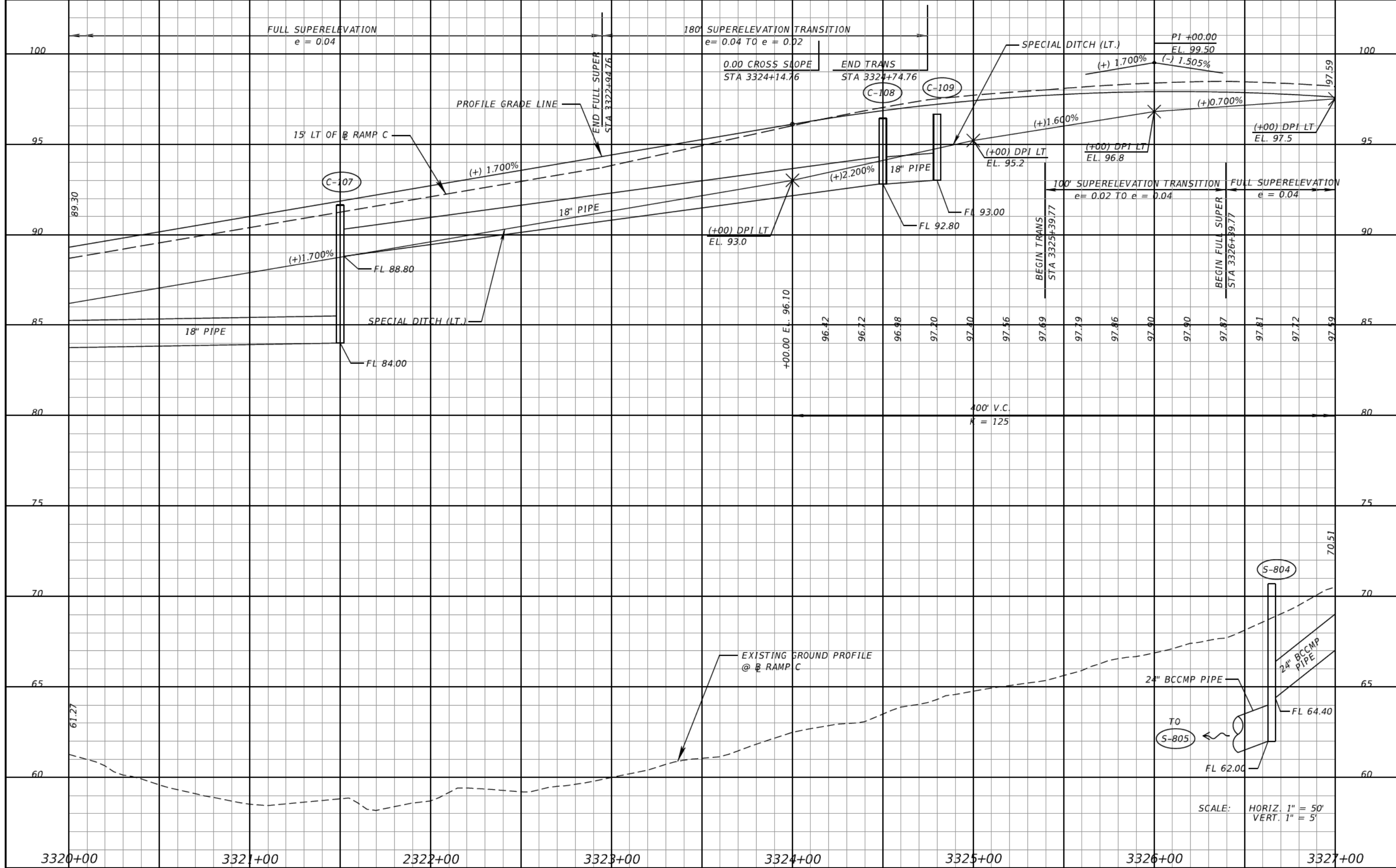
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (42)
RAMP C

SHEET NO.
126



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

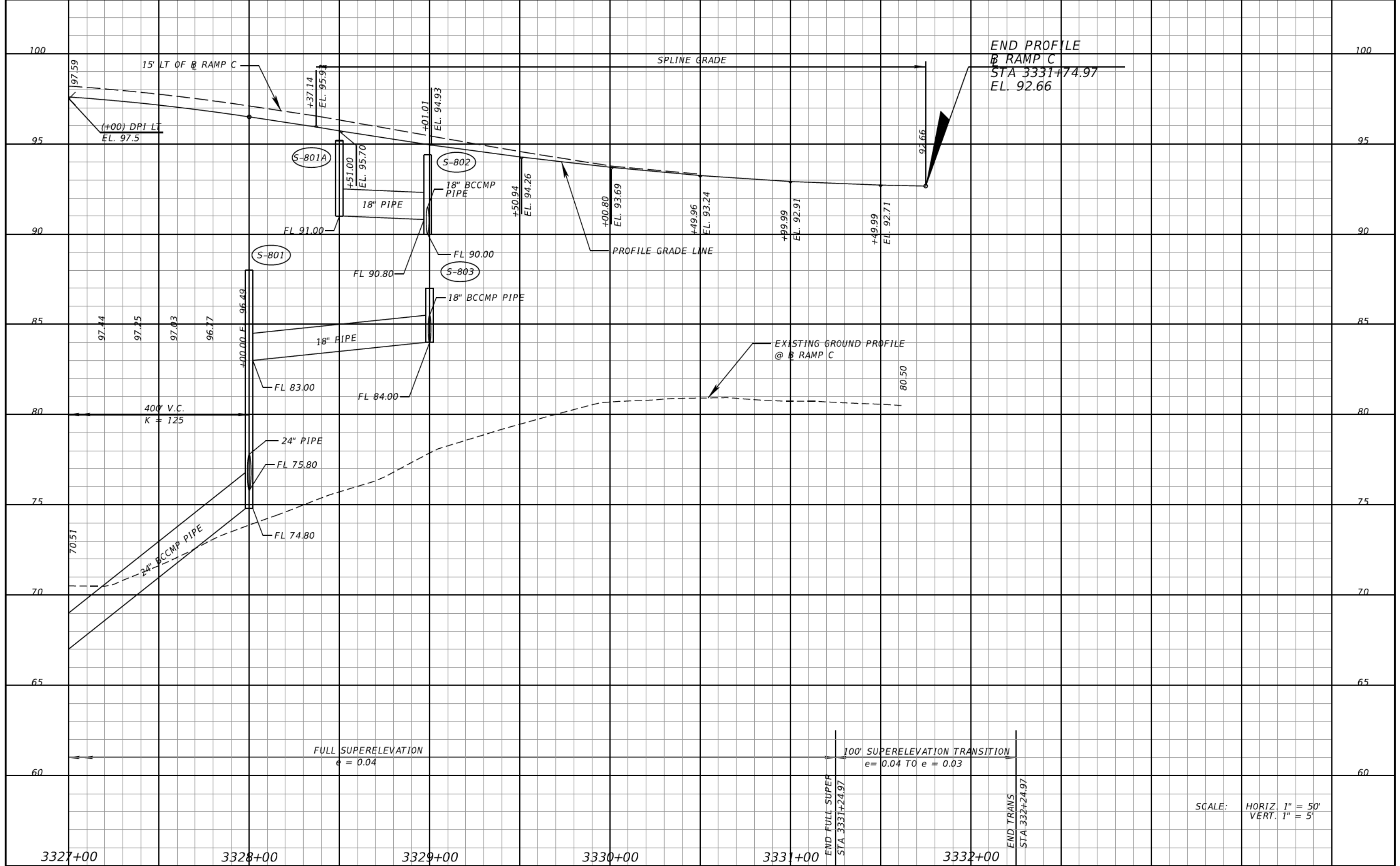
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (43)
RAMP C

SHEET NO.
127



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

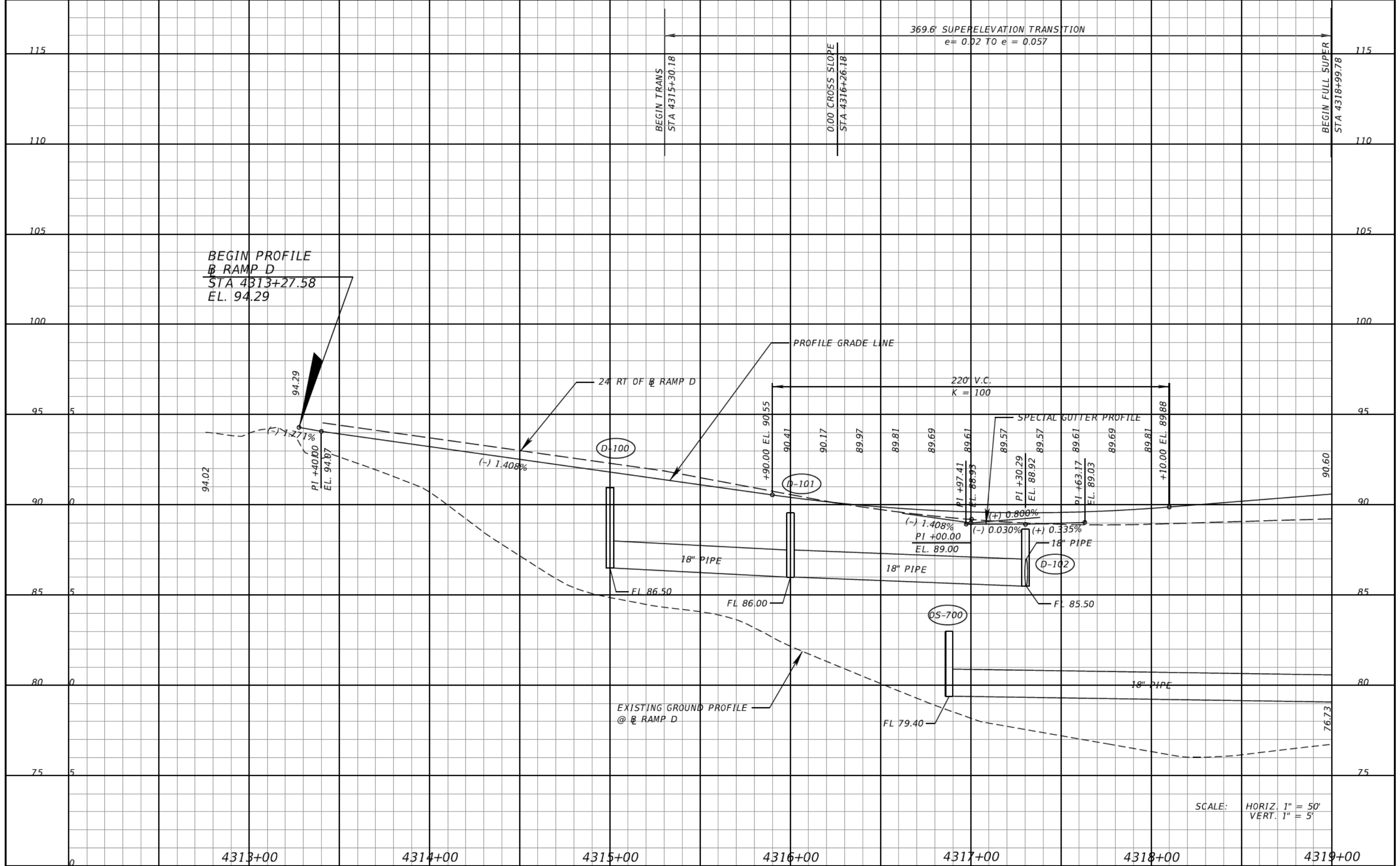
ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (44)
RAMP C

SHEET NO.
128

SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'



BEGIN PROFILE
 @ RAMP D
 STA 4313+27.58
 EL. 94.29

369.6' SUPERELEVATION TRANSITION
 e= 0.02 TO e = 0.057

BEGIN TRANS
 STA 4315+30.18

0.00 CROSS SLOPE
 STA 4316+26.18

BEGIN FULL SUPER
 STA 4318+99.78

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

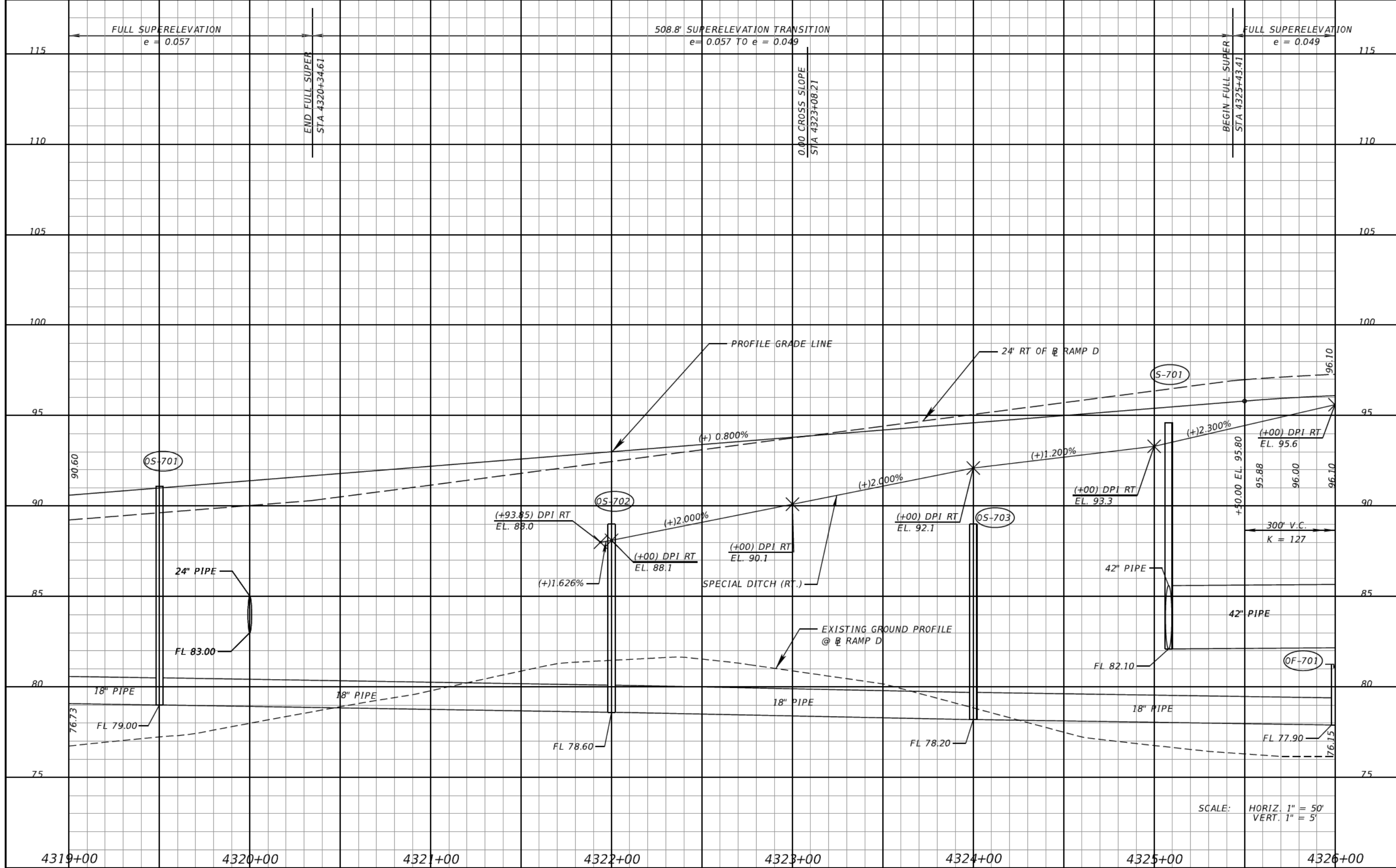
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (45)
RAMP D

SHEET NO.
 129



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

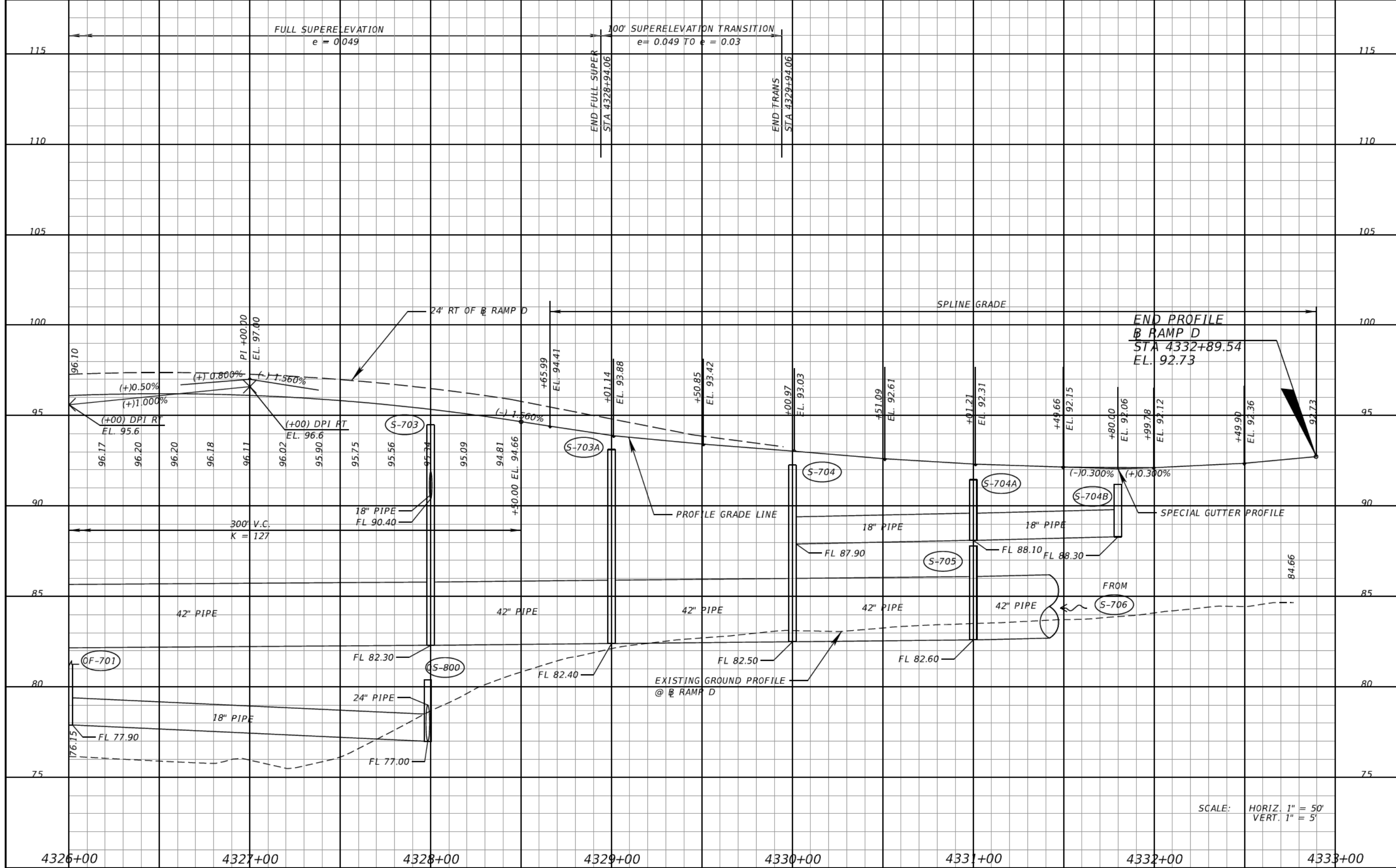
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



PROFILE SHEET (46)
RAMP D

SHEET NO. 130



SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

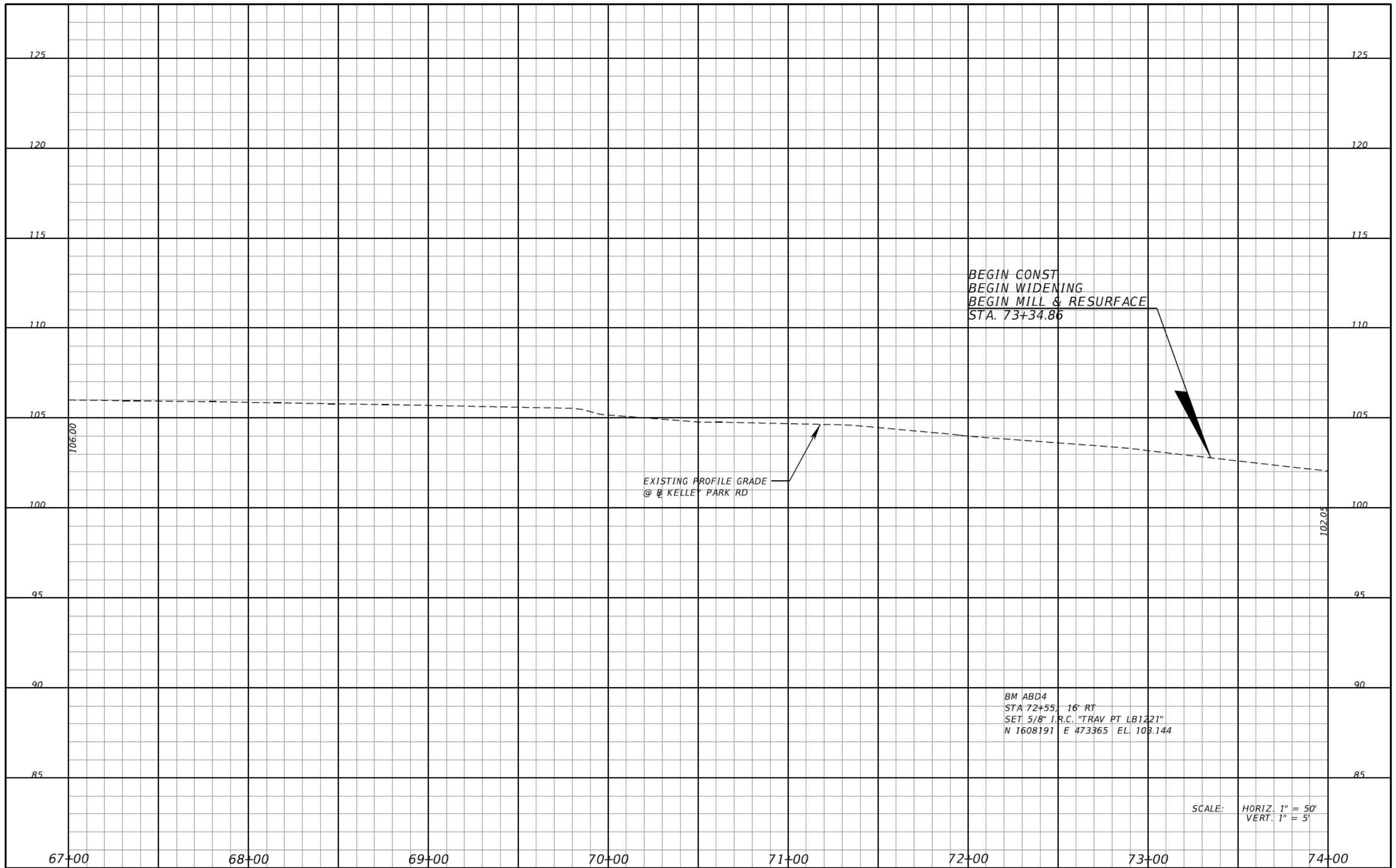
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



PROFILE SHEET (47)
RAMP D

SHEET NO. 131



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

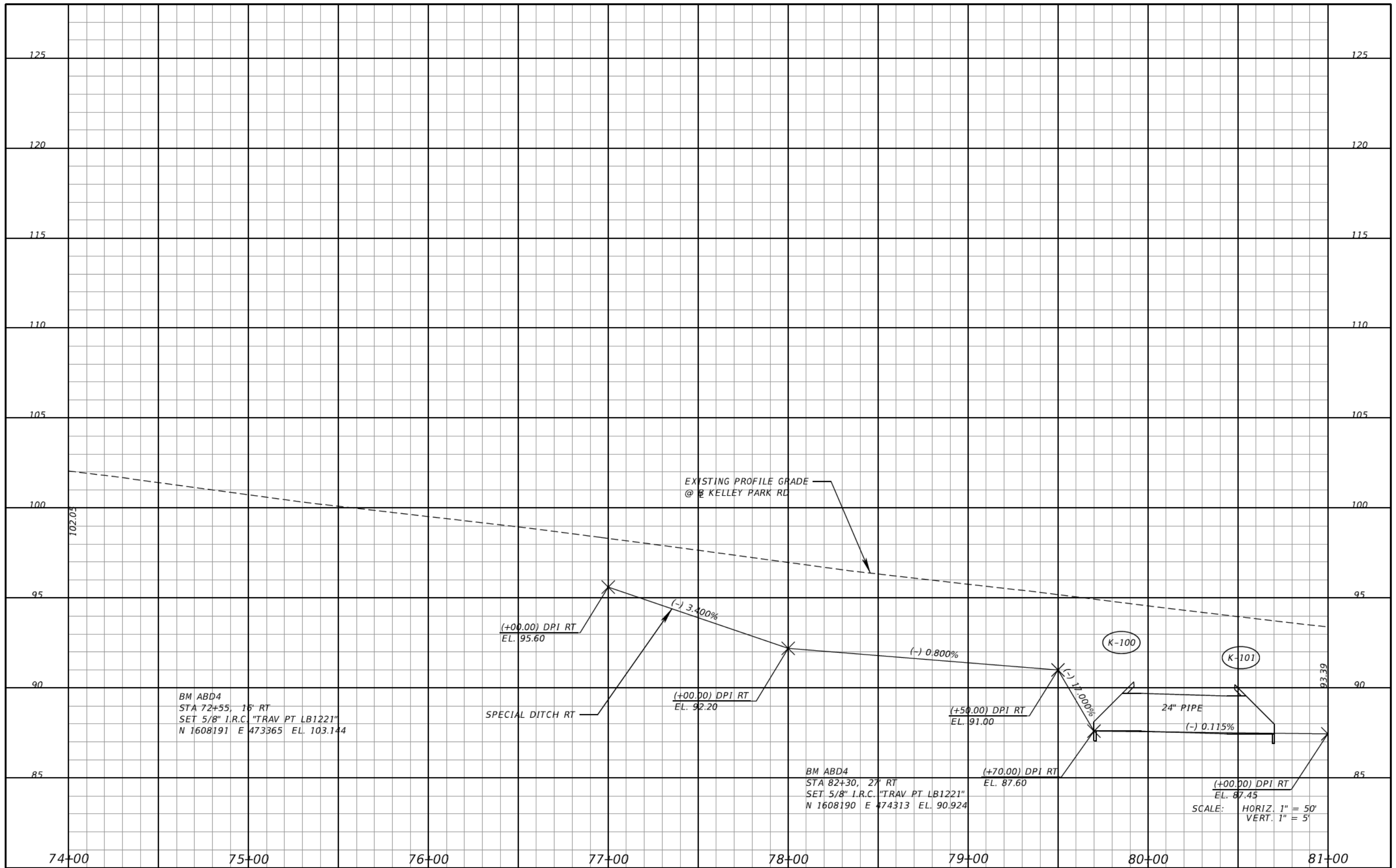
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (48)
KELLY PARK RD

SHEET NO.
132



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

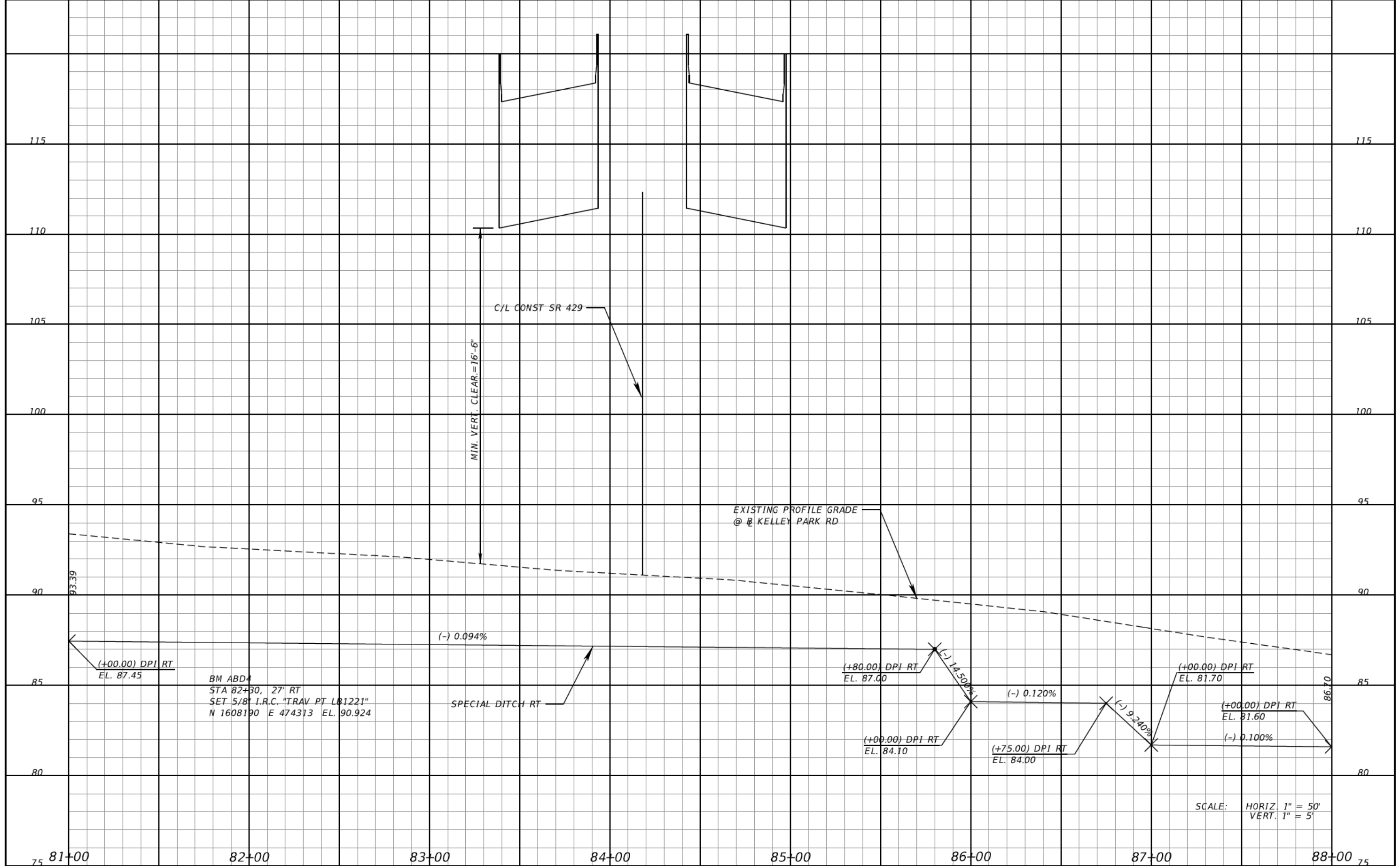
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (49)
KELLY PARK RD

SHEET NO.
133



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

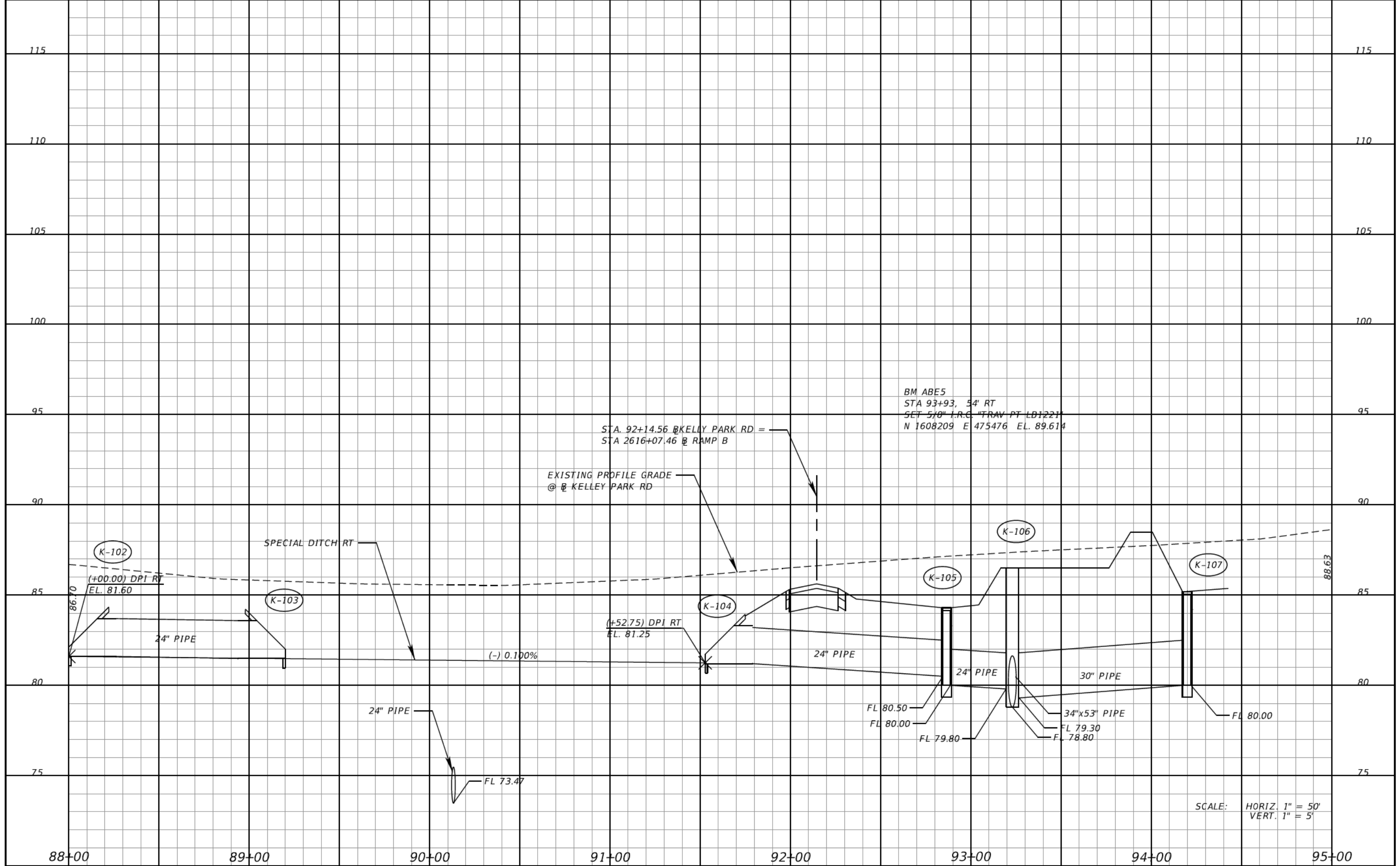
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (50)
KELLY PARK RD

SHEET NO.
134



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

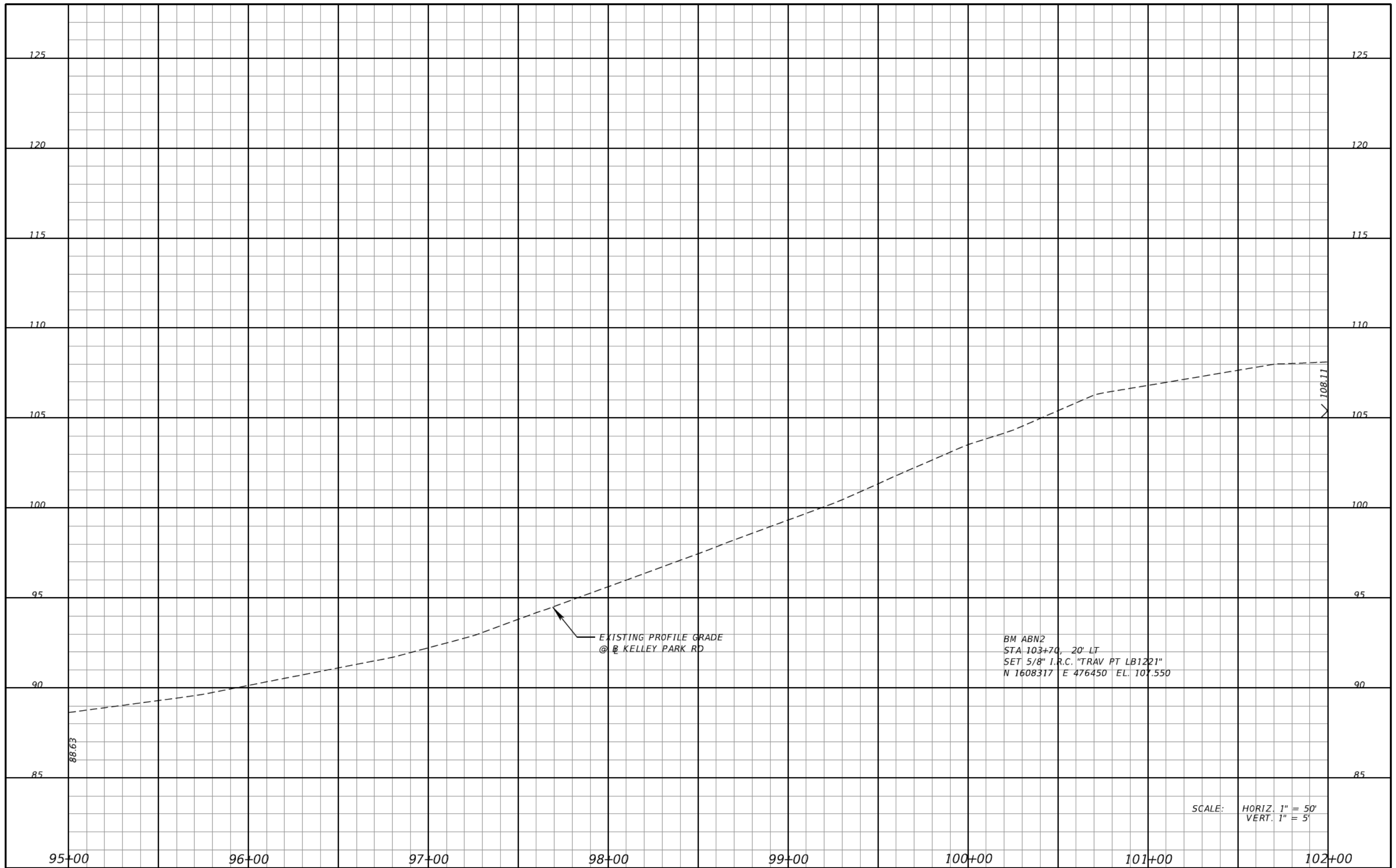
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



PROFILE SHEET (51)
KELLY PARK RD

SHEET NO. 135



EXISTING PROFILE GRADE
@ KELLEY PARK RD

BM ABN2
STA 103+70, 20' LT
SET 5/8" I.R.C. "TRAV PT LB1221"
N 1608317 E 476450 EL. 107.550

SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

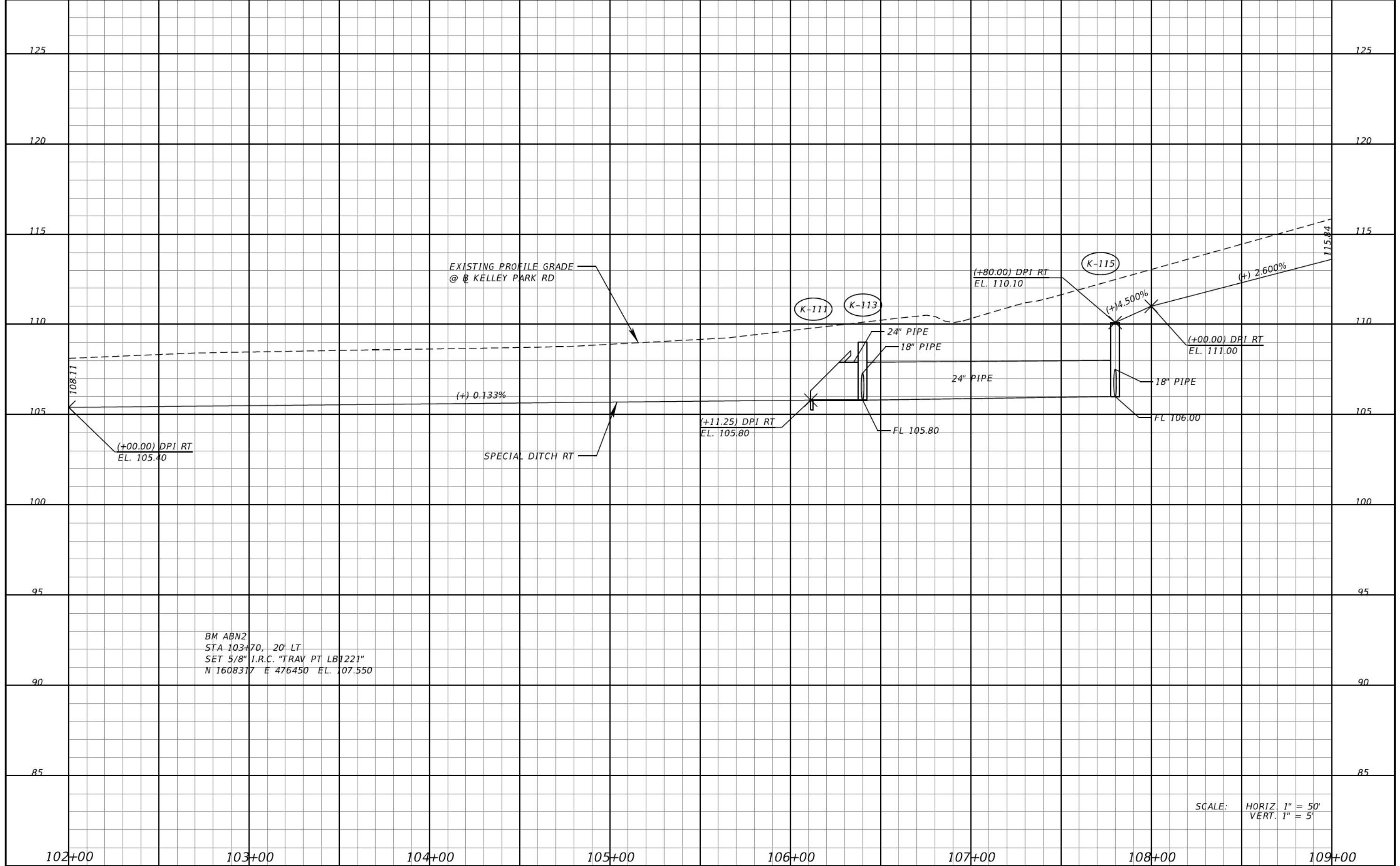
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**PROFILE SHEET (52)
KELLY PARK RD**

SHEET NO.
136



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

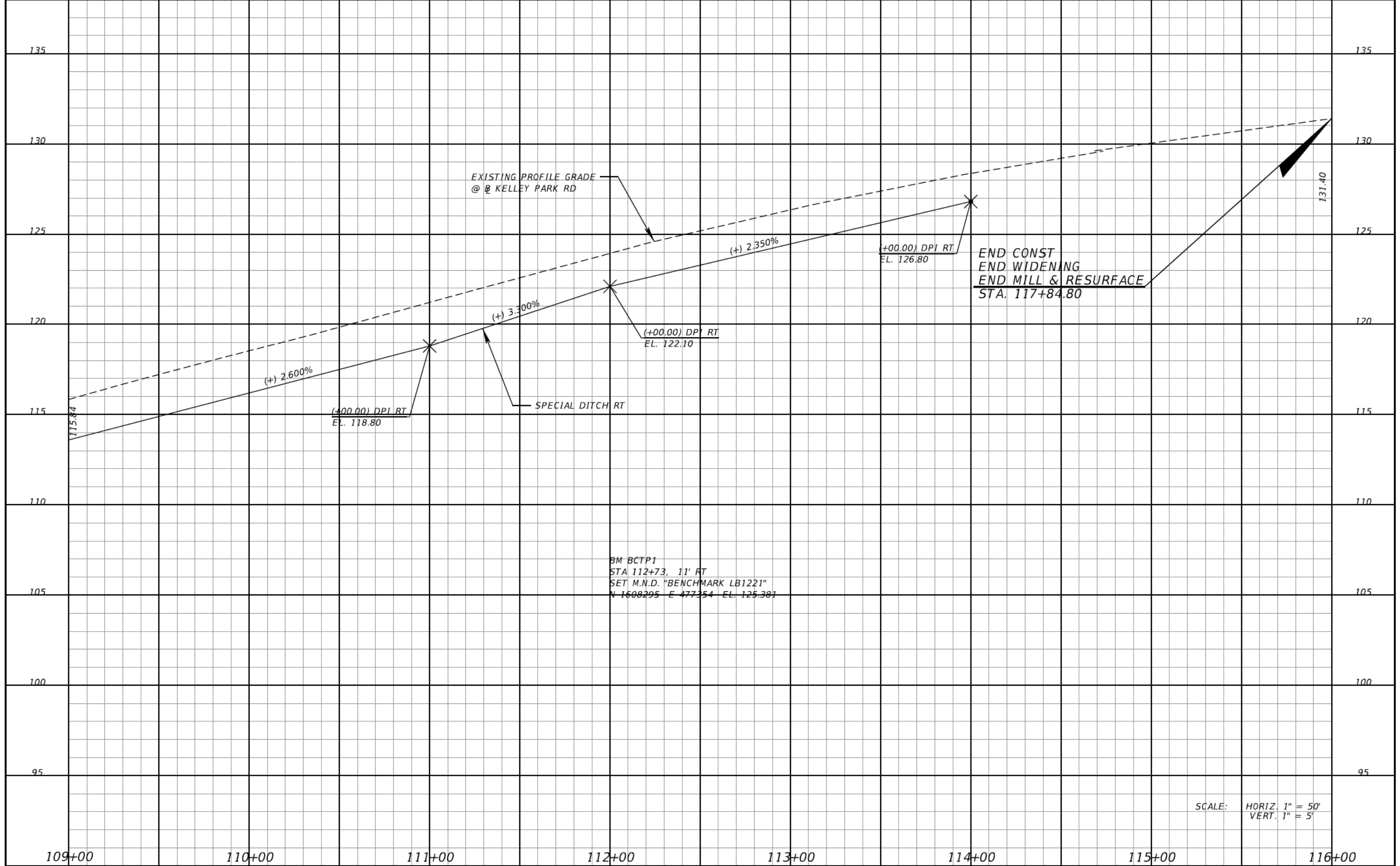
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (53)
KELLY PARK RD

SHEET NO.
137



BM BCTP1
 STA 112+73.11 RT
 SET M.N.D. "BENCHMARK LB1221"
 N 1608295 E 477354 EL. 125.381

END CONST
 END WIDENING
 END MILL & RESURFACE
 STA. 117+84.80

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

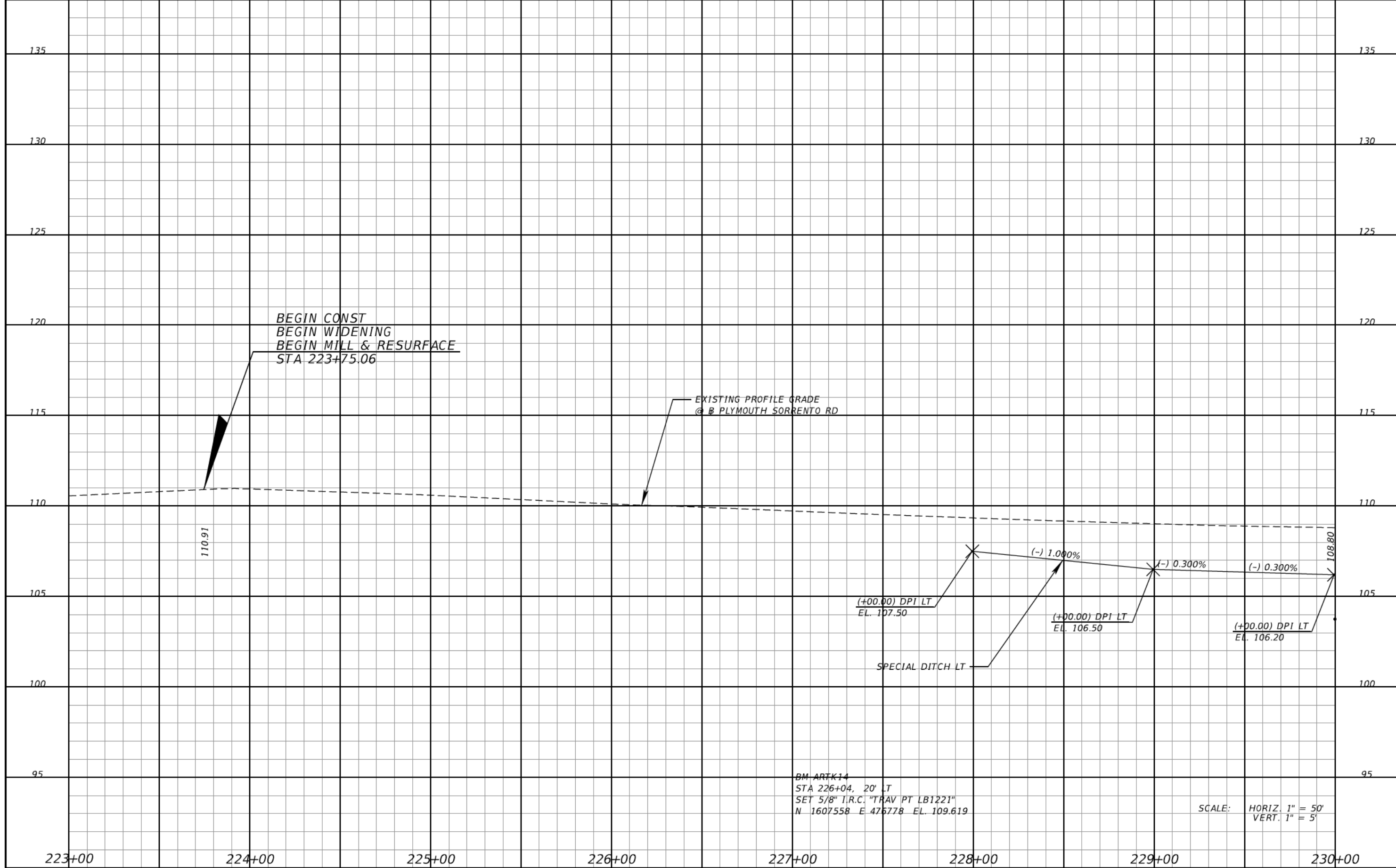
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (54)
KELLY PARK RD

SHEET NO.
 138



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

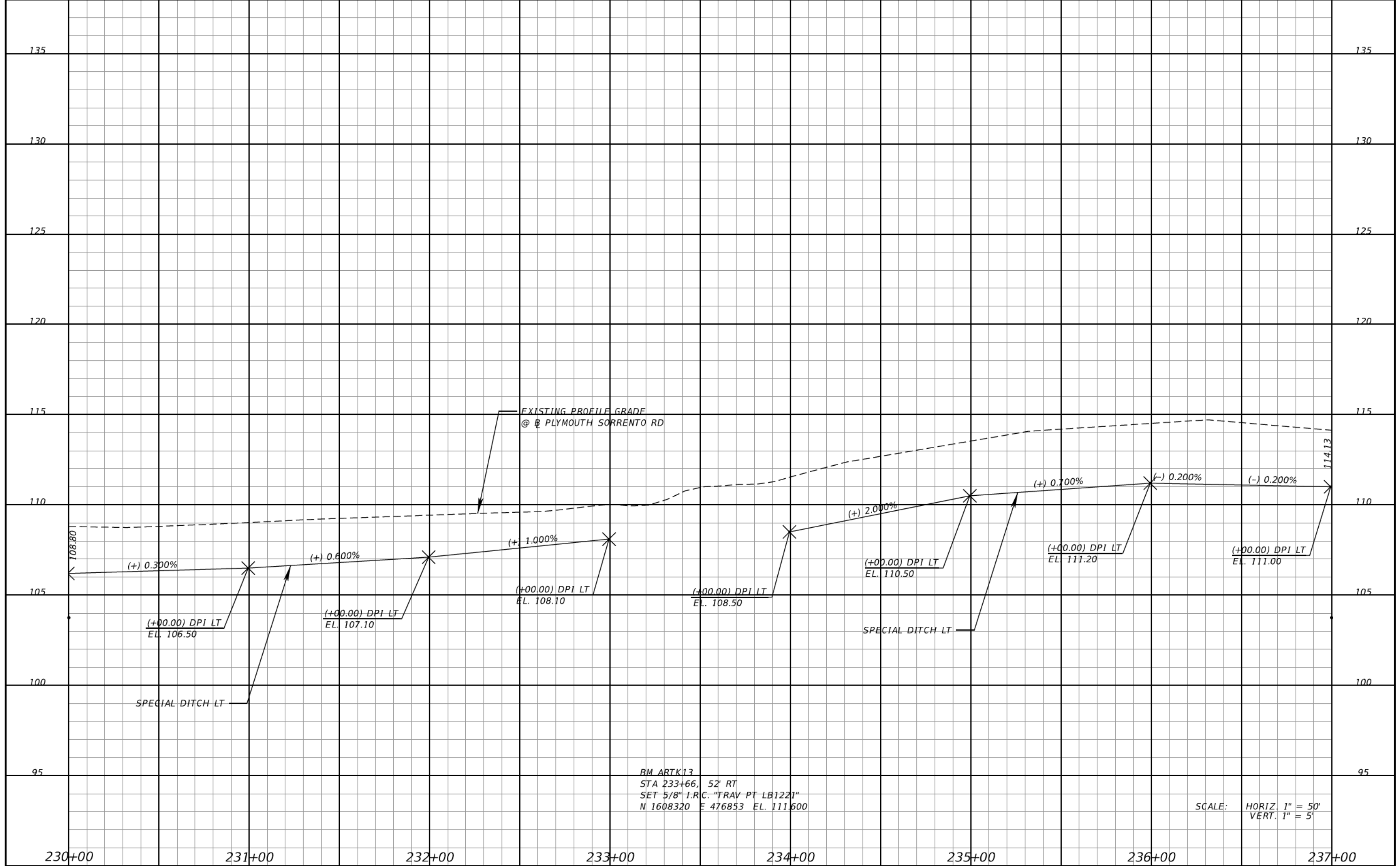
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (55)
PLYMOUTH SORRENTO RD

SHEET NO.
139



BM ARTK13
 STA 233+66.52 RT
 SET 5/8" I.R.C. "TRAV PT LB1221"
 N 1608320 E 476853 EL. 111.600

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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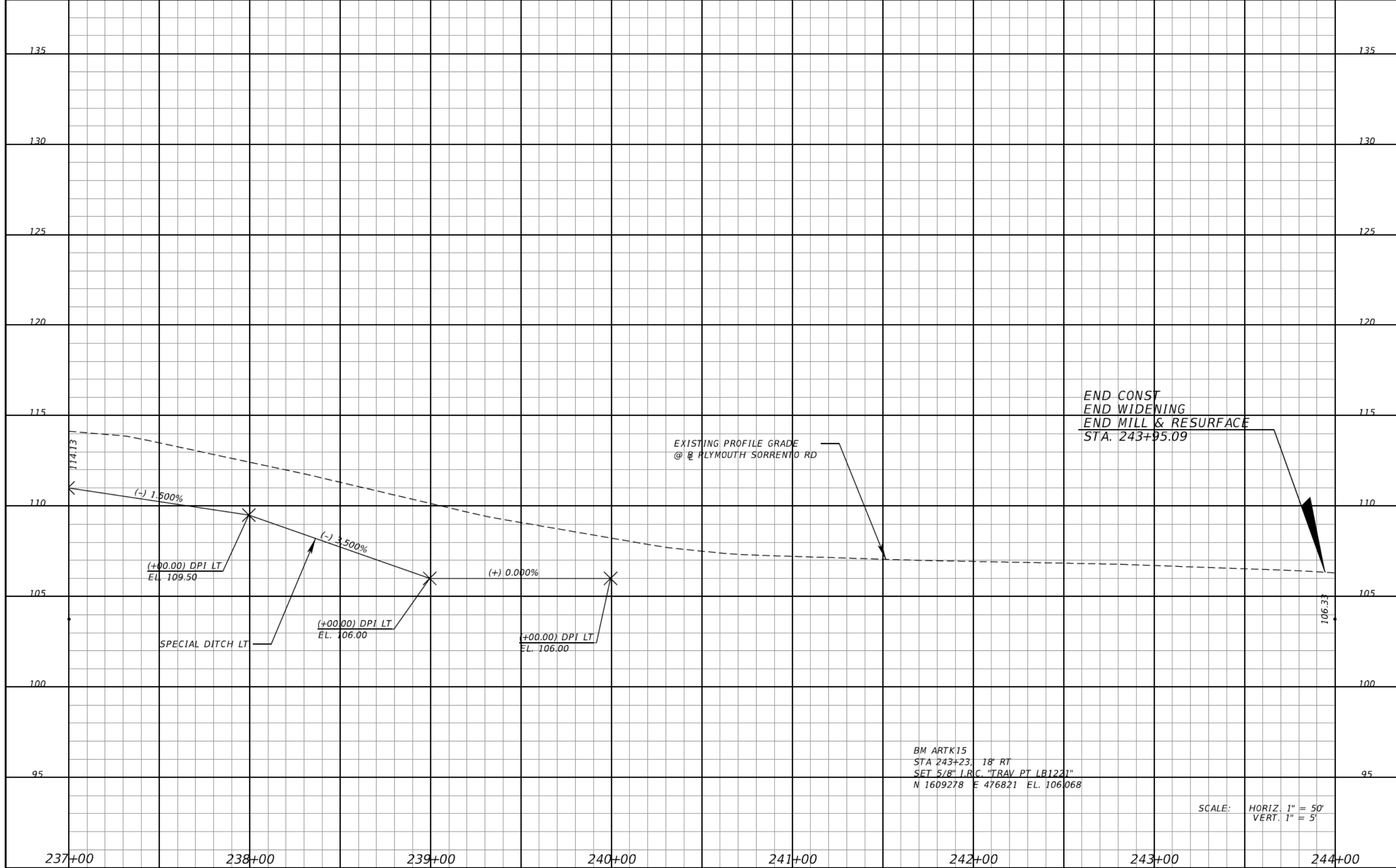
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



PROFILE SHEET (56)
PLYMOUTH SORRENTO RD

SHEET NO.
 140



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203




PROFILE SHEET (57)
PLYMOUTH SORRENTO RD

SHEET NO.
141

CURVE AND COORDINATE DATA

LINE	CURVE NO.	CONTROL POINT	STATION	NORTH	EAST	BEARING	D	Δ	T	L	R	e	DESIGN SPEED (MPH)
429		POT	196+58.86	1,596,660.83	475,631.05								
						N 0°15'01" W							
	429-4	PC	220+10.00	1,599,011.94	475,620.77		1°00'00"	18°57'10" (LT)	956.38	1,895.28	5,729.58	NC	70
		PI	229+66.38	1,599,968.31	475,616.59								
		PT	239+05.28	1,600,871.48	475,302.02								
		CC		1,598,986.90	469,891.25								
						N 19°12'12" W							
	429-5	PC	252+94.39	1,602,183.29	474,845.12		1°00'00"	18°50'47" (RT)	950.91	1,884.63	5,729.58	NC	70
		PI	262+45.30	1,603,081.29	474,532.34								
		PT	271+79.02	1,604,032.18	474,526.42								
		CC		1,604,067.87	480,255.89								
						N 0°21'25" W							
	429-6	PC	337+14.08	1,610,579.51	474,485.63		1°16'24"	89°26'01" (RT)	4,455.74	7,024.10	4,500.00	0.047	70
		PI	381+69.82	1,615,035.16	474,457.87								
		PT	407+38.18	1,615,106.96	478,913.03								
		CC		1,610,607.54	478,985.54								
						N 89°04'36" E							
NB429		POT	310+48.28	1,598,050.37	475,656.98								
						N 0°15'01" W							
	NB429-1	PC	320+10.00	1,599,012.08	475,652.77		0°59'40"	18°57'10" (LT)	961.72	1,905.87	5,761.58	0.037	70
		PI	329+71.72	1,599,973.80	475,648.57								
		PT	339+15.87	1,600,882.00	475,332.24								
		CC		1,598,986.90	469,891.25								
						N 19°12'12" W							
	NB429-2	PC	343+85.91	1,601,325.89	475,177.64		0°30'00"	18°50'47" (RT)	1,901.81	3,769.27	11,459.16	RC	70
		PI	362+87.72	1,603,121.88	474,552.09								
		PT	381+55.18	1,605,023.65	474,540.24								
		CC		1,605,095.04	485,999.18								
						N 0°21'25" W							
SB429		POT	110+48.28	1,598,050.09	475,592.98								
						N 0°15'01" W							
	SB429-1	PC	110+48.28	1,598,050.09	475,592.98		0°30'00"	18°57'10" (LT)	1,912.76	3,790.57	11,459.16	RC	70
		PI	129+61.04	1,599,962.83	475,584.62								
		PT	148+38.85	1,601,769.16	474,955.47								
		CC		1,598,000.01	464,133.93								
						N 19°12'12" W							
	SB429-2	PC	152+34.40	1,602,142.70	474,825.37		1°00'00"	18°50'47" (RT)	950.91	1,884.63	5,729.58	0.037	70
		PI	161+85.31	1,603,040.70	474,512.60								
		PT	171+19.03	1,603,991.59	474,506.67								
		CC		1,604,027.28	480,236.14								
						N 0°21'25" W							
		POT	181+50.87	1,605,023.41	474,500.24								
RP_A	A-1	PC	1294+11.38	1,606,264.07	474,444.51	N 0°21'25" W	3°00'00"	19°08'33" (LT)	322.04	638.08	1,909.86	0.057	50
		PI	1297+33.42	1,606,586.10	474,442.51								
		PT	1300+49.46	1,606,889.68	474,335.01								
		CC		1,606,252.17	472,534.69								
						N 19°29'58" W							
	A-2	PC	1303+83.84	1,607,204.88	474,223.40		3°00'00"	15°55'01" (RT)	267.00	530.57	1,909.86	0.057	50
		PI	1306+50.84	1,607,456.57	474,134.27								
		PT	1309+14.41	1,607,723.05	474,117.59								
		CC		1,607,842.38	476,023.72								
						N 3°34'57" W							
		POT	1314+01.70	1,608,209.39	474,087.14								

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. SR 429 PROJECT NO. 429-203		CURVE & COORDINATE DATA SR 429 (WEKIVA PKWY)	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					

CURVE AND COORDINATE DATA

LINE	CURVE NO.	CONTROL POINT	STATION	NORTH	EAST	BEARING	D	Δ	T	L	R	e	DESIGN SPEED (MPH)
RP_B	B-10B	TS	2293+68.84	1,606,22.37	474,580.78	N 0°21'25" W							
		PI	2294+68.86	1,606,322.39	474,580.15								
		SC	2295+18.84	1,606,372.33	474,582.79								
		CC		1,606,305.30	475,854.26								
						N 3°01'05" E							
	B-10	PC	2295+18.84	1,606,372.33	474,582.79		4°30'00"	33°46'02" (RT)	386.44'	750.38'	1,273.24'	0.078	50
		PI	2299+05.28	1,606,758.24	474,603.13								
		PT	2302+69.22	1,607,067.74	474,834.54								
		CC		1,606,305.30	475,854.26								
						N 36°47'07" E							
	B-10A	CS	2302+69.22	1,607,067.74	474,834.54								
		PI	2303+19.24	1,607,107.79	474,864.49								
		ST	2304+19.22	1,607,184.23	474,929.00								
		CC		1,606,305.30	475,854.26								
						N 40°09'37" E							
	B-12B	TS	2306+42.71	1,607,355.03	475,073.13								
		PI	2307+92.92	1,607,469.83	475,170.01								
		SC	2308+67.71	1,607,534.36	475,108.59								
		CC		1,607,890.79	474,612.54								
						N 30°52'45" E							
	B-12	PC	2308+67.71	1,607,534.36	475,208.59		8°15'00"	23°50'54" (LT)	146.66'	289.07'	694.49'	0.100	50
		PI	2310+14.37	1,607,660.23	475,283.86								
		PT	2311+56.78	1,607,805.78	475,301.81								
		CC		1,607,890.79	474,612.54								
						N 40°09'37" E							
	B-12A	CS	2311+56.78	1,607,805.78	475,301.81								
		PI	2312+31.97	1,607,880.40	475,311.08								
		ST	2313+81.78	1,608,030.49	475,305.12								
		CC		1,607,890.79	474,612.54								
						N 2°15'02" W							
		POT	2316+07.46	1,608,256.00	475,296.26								
RP_B1		POT	5287+18.43	1,608,188.50	474,189.60								
						S 87°15'01.50" E							
	TP-B1	PC	5289+82.20	1,608,175.84	474,453.07		1°00'00"	4°38'15" (RT)	232.01'	463.76'	5,729.58'	NC	35
		PI	5292+14.21	1,608,164.71	474,684.81								
		PT	5294+45.96	1,608,134.88	474,914.89								
		CC		1,602,452.86	474,178.22								
						S 82°36'46" E							
	B1-1	PC	5294+77.15	1,608,130.87	474,945.82		17°45'00"	242°28'21" (RT)	532.23'	1,366.04'	322.79'	0.100	35
		PI	5300+09.38	1,608,199.30	474,418.00								
		PT	5308+42.19	1,607,699.62	474,601.26								
		CC		1,607,810.76	474,904.32								
						N 20°08'25" W							
	B1-1A	CS	5308+43.19	1,607,699.62	474,601.26								
		PI	5309+13.90	1,607,766.00	474,576.91								
		ST	5310+53.19	1,607,906.74	474,573.22								
		CC		1,607,810.76	474,904.32								
						N 1°30'10" W							
		POT	5312+00.00	1,608,053.50	474,569.37								

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203




**CURVE & COORDINATE DATA
SR 429 (WEKIVA PKWY)**

SHEET NO.
143

CURVE AND COORDINATE DATA

LINE	CURVE NO.	CONTROL POINT	STATION	NORTH	EAST	BEARING	D	Δ	T	L	R	e	DESIGN SPEED (MPH)
RP_C		POT	3313+27.17	1,608,194.44	474,748.27								
						N 2°17'58" W							
	C-1	PC	3318+72.68	1,608,739.51	474,726.38		2°00'00"	9°09'42" (LT)	229.53	458.08	2,864.79	0.040	50
		PI	3321+02.21	1,608,968.85	474,717.17								
		PT	3323+30.76	1,609,193.80	474,671.56								
		CC		1,608,624.56	471,863.90								
						N 11°27'40" W							
	C-2	PC	3326+19.76	1,609,477.04	474,614.14		2°00'00"	11°06'15" (RT)	278.48	555.21	2,864.79	0.040	50
		PI	3328+98.24	1,609,749.96	474,558.80								
		PT	3331+74.97	1,610,028.43	474,557.07								
		CC		1,610,046.28	477,421.80								
						N 0°21'25" W							
RP_D		POT	4312+88.23	1,608,170.68	474,101.23								
						N 6°01'47" E							
	D-1	PC	4318+25.86	1,608,705.34	474,157.70		3°00'00"	10°07'46" (RT)	169.27	337.65	1,909.86	0.057	50
		PI	4319+95.13	1,608,873.67	474,175.48								
		PT	4321+63.52	1,609,036.25	474,222.59								
		CC		1,608,504.72	476,056.99								
						N 16°09'33" E							
	D-2	PC	4324+43.41	1,609,305.09	474,300.49		2°30'00"	12°30'58" (LT)	251.32	500.65	2,291.83	0.049	50
		PI	4326+94.74	1,609,546.48	474,370.43								
		PT	4329+44.06	1,609,797.30	474,386.40								
		CC		1,609,942.93	472,099.20								
						N 3°38'35" E							
		POT	4332+89.54	1,610,142.08	474,408.36								
KPR		POT	53+50.58	1,608,203.61	471,433.19								
						N 89°53'58" E							
	RC201	PC	78+91.10	1,608,208.07	473,973.71		1°00'00"	2°09'00" (LT)	107.51	215.00	5,729.65	NC	55
		PI	79+98.61	1,608,208.26	474,081.22								
		PT	81+06.10	1,608,212.48	474,188.65								
		CC		1,613,937.71	473,963.67								
						N 87°44'58" E							
		POT	99+16.00	1,608,283.55	475,997.16								
						N 88°21'18" E							
		POT	107+15.41	1,608,306.49	476,796.24								
						S 87°14'45" E							
	RC205	PC	108+25.53	1,608,301.20	476,906.22		1°51'36"	4°46'27" (LT)	128.40	256.65	3,080.20	NC	55
		PI	109+53.93	1,608,295.03	477,034.48								
		PT	110+82.18	1,608,299.56	477,162.80								
		CC		1,611,377.84	477,054.23								
						N 87°58'48" E							
		POT	137+41.73	1,608,393.30	479,820.70								
PSR		POT	222+32.20	1,607,186.82	476,796.16								
						N 0°15'41" E							
		POT	233+32.20	1,608,286.80	476,801.18								
						N 0°05'41" E							
		POT	233+51.65	1,608,306.25	476,801.21								
						N 0°05'41" E							
		POT	244+51.65	1,609,406.25	476,803.02								

REVISIONS						DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			CURVE & COORDINATE DATA SR 429 (WEKIVA PKWY)		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.				144
							SR 429	429-203				

CURVE AND COORDINATE DATA

LINE	CURVE NO.	CONTROL POINT	STATION	NORTH	EAST	BEARING	D	Δ	T	L	R	e	DESIGN SPEED (MPH)
PHIL		POT	10+00.00	1,599,265.40	474,777.78								
						N 0°22'45" E							
	P-1	PC	11+73.05	1,599,438.44	474,778.93		11°27'33"	14°04'26" (RT)	61.72	122.82	500.00	NC	25
		PI	12+34.77	1,599,500.16	474,779.34								
		PT	12+95.86	1,599,559.93	474,794.74								
		CC		1,599,435.14	475,278.92								
						N 14°27'11" E							
	P-2	PC	12+95.86	1,599,559.93	474,794.74		11°27'33"	14°03'42" (LT)	61.67	122.71	500.00	NC	25
		PI	13+57.53	1,599,619.64	474,810.13								
		PT	14+18.58	1,599,681.31	474,810.55								
		CC		1,599,684.72	474,310.57								
						N 0°23'28" E							
	P-3	PC	18+82.69	1,600,145.41	474,813.72		22°55'06"	50°45'56" (RT)	118.62	221.51	250.00	NC	25
		PI	20+01.31	1,600,264.02	474,814.53								
		PT	21+04.20	1,600,338.42	474,906.92								
		CC		1,600,143.70	475,063.72								
						N 51°09'25" E							
	P-4	PC	21+22.21	1,600,349.72	474,920.95		22°55'06"	51°30'50" (LT)	120.62	224.77	250.00	NC	25
		PI	22+42.83	1,600,425.37	475,014.90								
		PT	23+46.98	1,600,545.99	475,014.15								
		CC		1,600,544.43	474,764.15								
						N 0°21'25" W							
	P-5	PC	24+74.67	1,600,673.68	475,013.35		22°55'06"	51°31'05" (LT)	120.63	224.79	250.00	NC	25
		PI	25+95.31	1,600,794.31	475,012.60								
		PT	26+99.46	1,600,868.79	474,917.70								
		CC		1,600,672.12	474,763.36								
						N 51°52'30" W							
	P-6	PC	26+99.46	1,600,868.79	474,917.70		22°55'06"	51°54'27" (RT)	121.68	226.49	250.00	NC	25
		PI	28+21.15	1,600,943.91	474,821.98								
		PT	29+25.95	1,601,065.60	474,822.05								
		CC		1,601,065.45	475,072.05								
						N 0°01'58" E							
		POT	35+77.61	1,601,717.26	474,822.42								

SPIRAL DATA

SPIRAL NAME	θ _s	LS	LC	φ	P	K	LT	ST	R	X	Y
B-10B	3°22'30.00" (RT)	150.00'	149.98'	1°07'29.88"	0.74'	74.99'	100.02'	50.02'	1,273.24'	149.95'	2.95'
B-10A	3°22'30.00" (RT)	150.00'	149.98'	1°07'29.88"	0.74'	74.99'	100.02'	50.02'	1,273.24'	149.95'	2.95'
B12B	9°16'52.51" (LT)	225.00'	224.74'	3°05'35.03"	3.03'	112.40'	150.21'	75.19'	694.49'	224.41'	12.13'
B12A	9°16'52.51" (LT)	225.00'	224.74'	3°05'35.03"	3.03'	112.40'	150.21'	75.19'	694.49'	224.41'	12.13'
B1-1A	18°38'15.03" (RT)	210.00'	209.01'	6°12'24.92"	5.67'	104.63'	140.78'	70.71'	322.79'	207.79'	22.60'

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



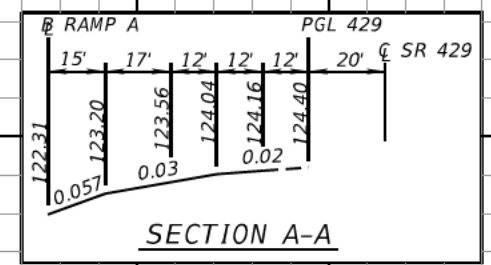
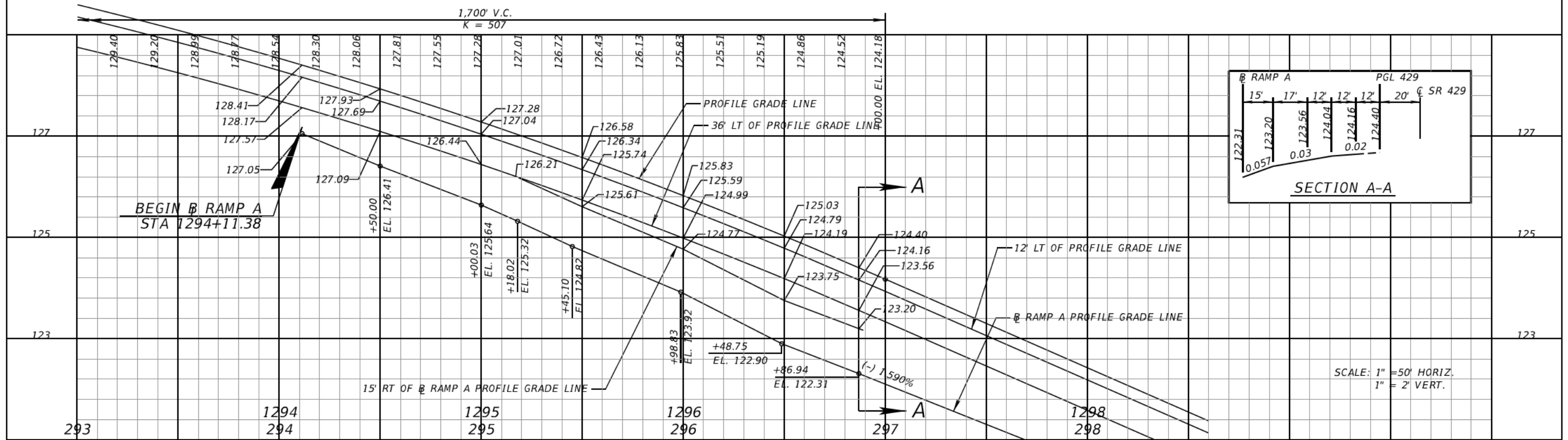
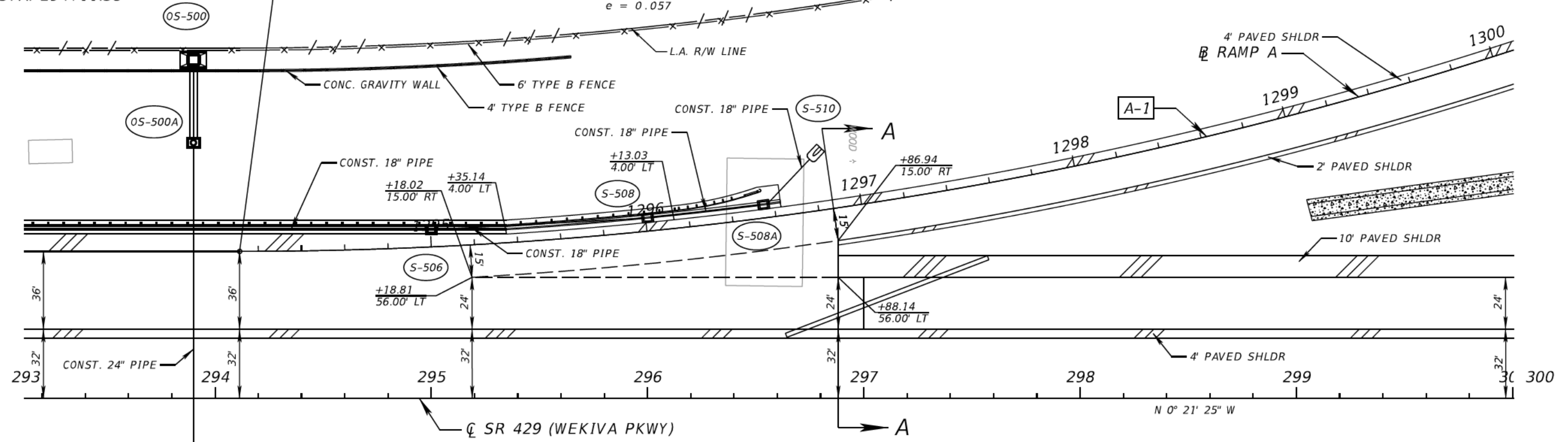
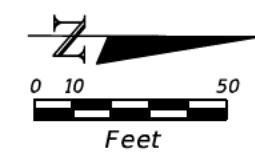
**CURVE & COORDINATE DATA
SR 429 (WEKIVA PKWY)**

SHEET NO.

145

BEGIN RAMP A
 PC STA. 1294+11.38, 68.00' LT =
 $\text{C SR 429 (WEKIVA PKWY)}$
 STA. 294+11.38

CURVE DATA A-1
 PI STA. = 1297+33.42
 Δ = 19° 08' 33" (LT)
 D = 3° 00' 00"
 T = 322.04
 L = 638.08
 R = 1,909.86
 PC STA. = 1294+11.38
 PT STA. = 1300+49.46
 e = 0.057



SCALE: 1" = 50' HORIZ.
 1" = 2' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

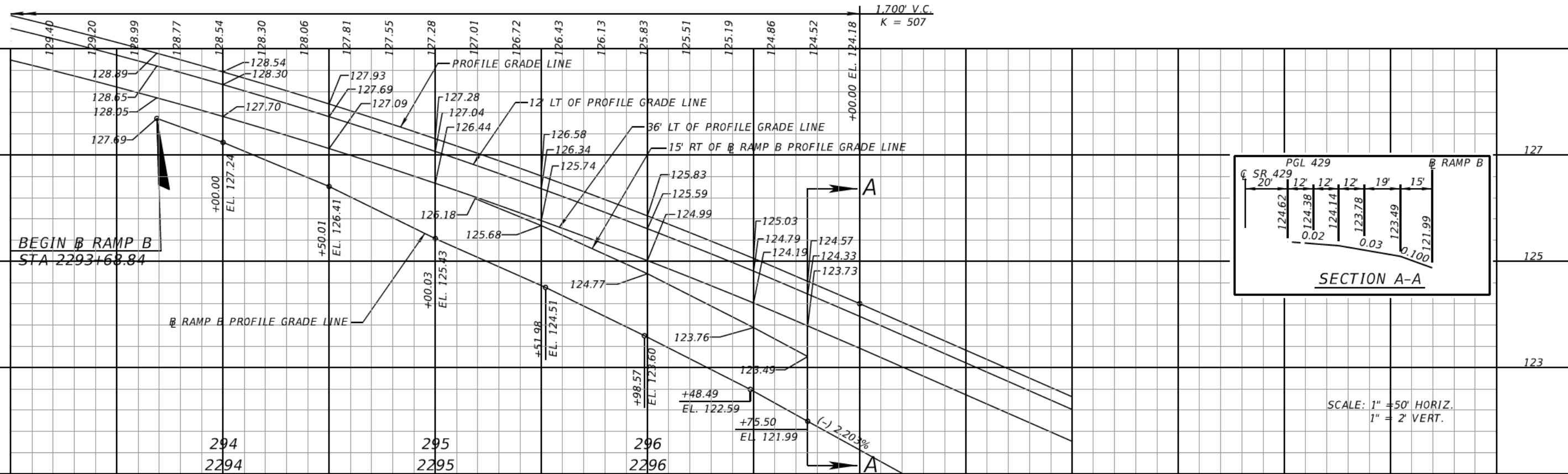
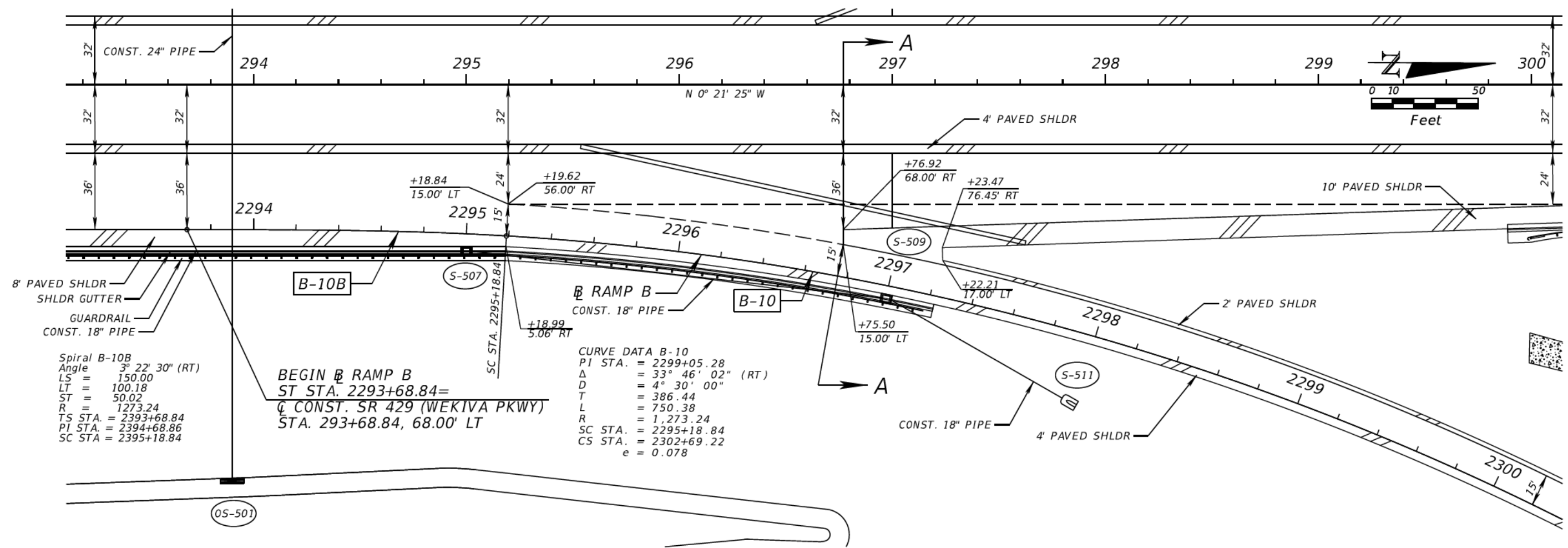
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



RAMP TERMINAL DETAIL
SR 429 / RAMP A

SHEET NO.
 146



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

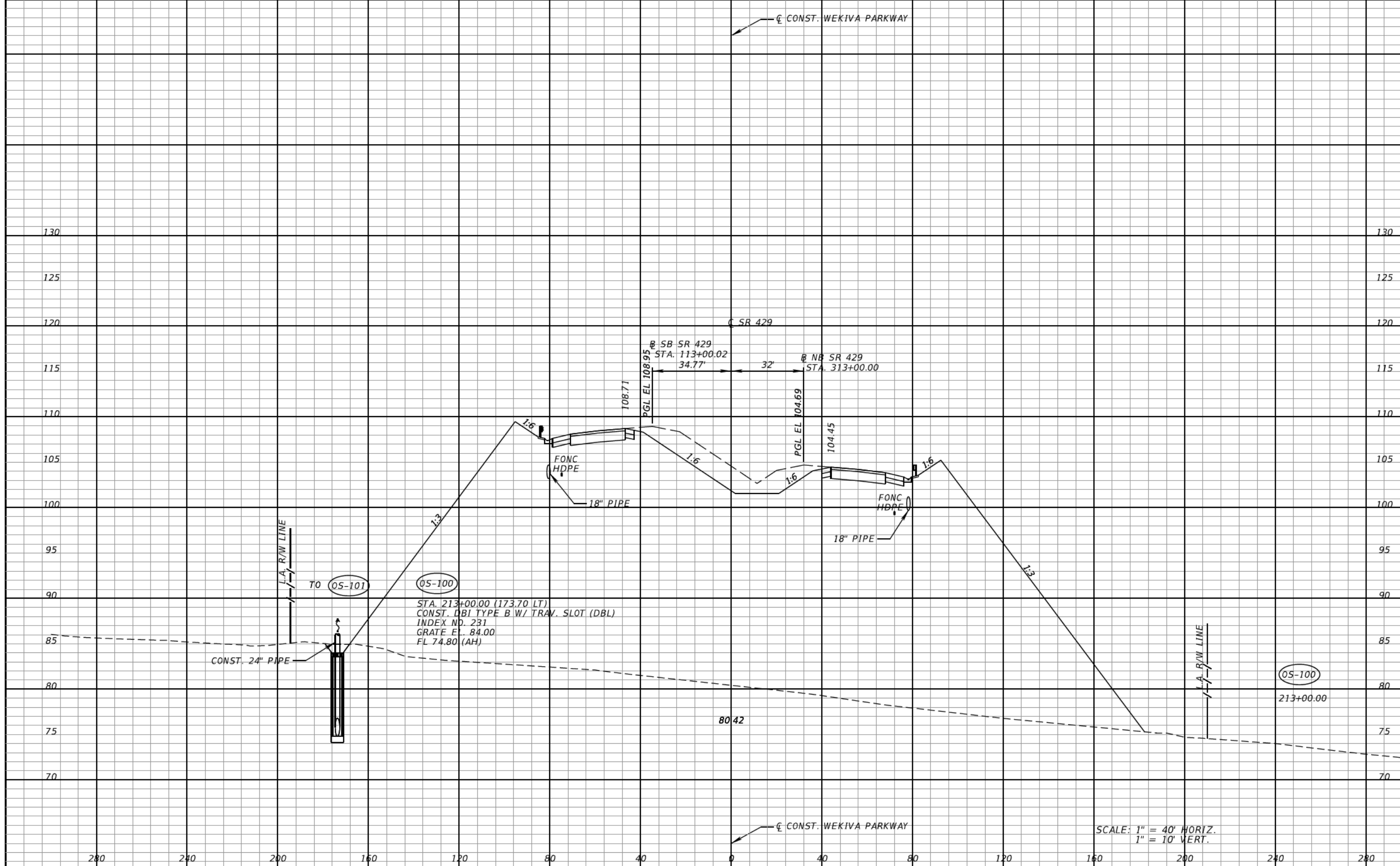
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



RAMP TERMINAL DETAIL
SR 429 / RAMP B

SHEET NO.
147



REVISIONS	
DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

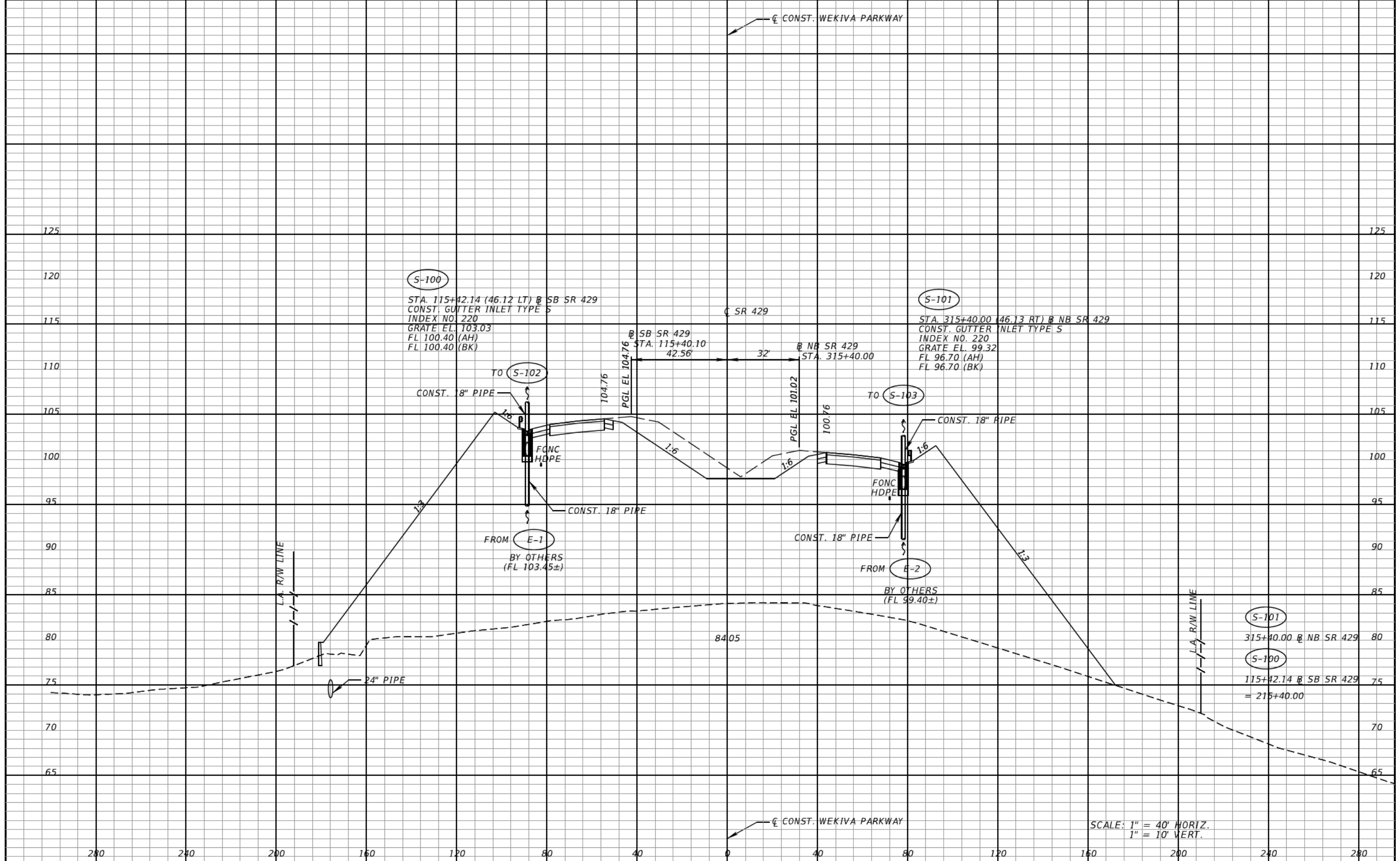
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

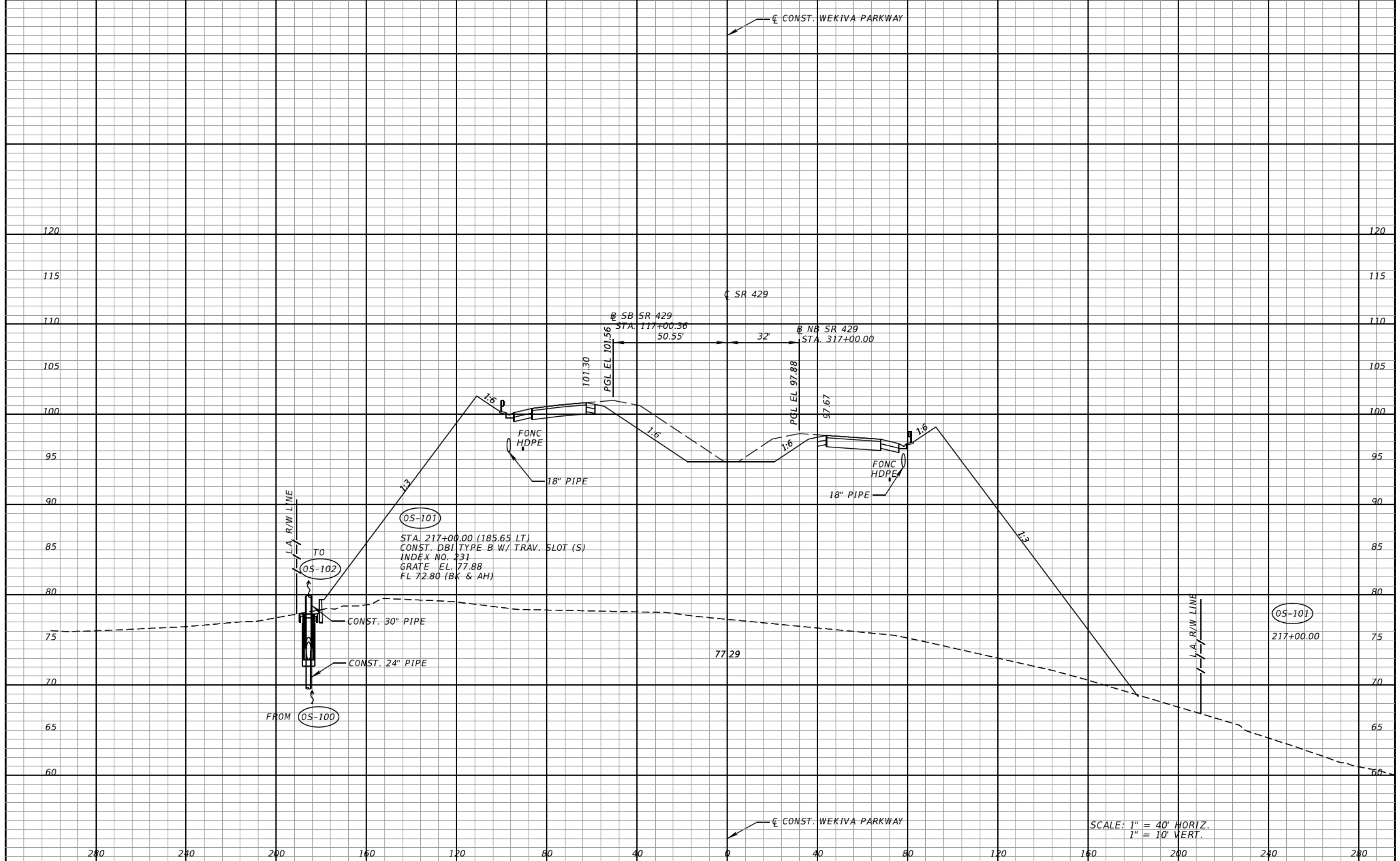
SHEET NO.
149



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 1221		CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. SR 429 PROJECT NO. 429-203		DRAINAGE STRUCTURES SR 429	SHEET NO. 150
--	--	---	--	---	-------------------------



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

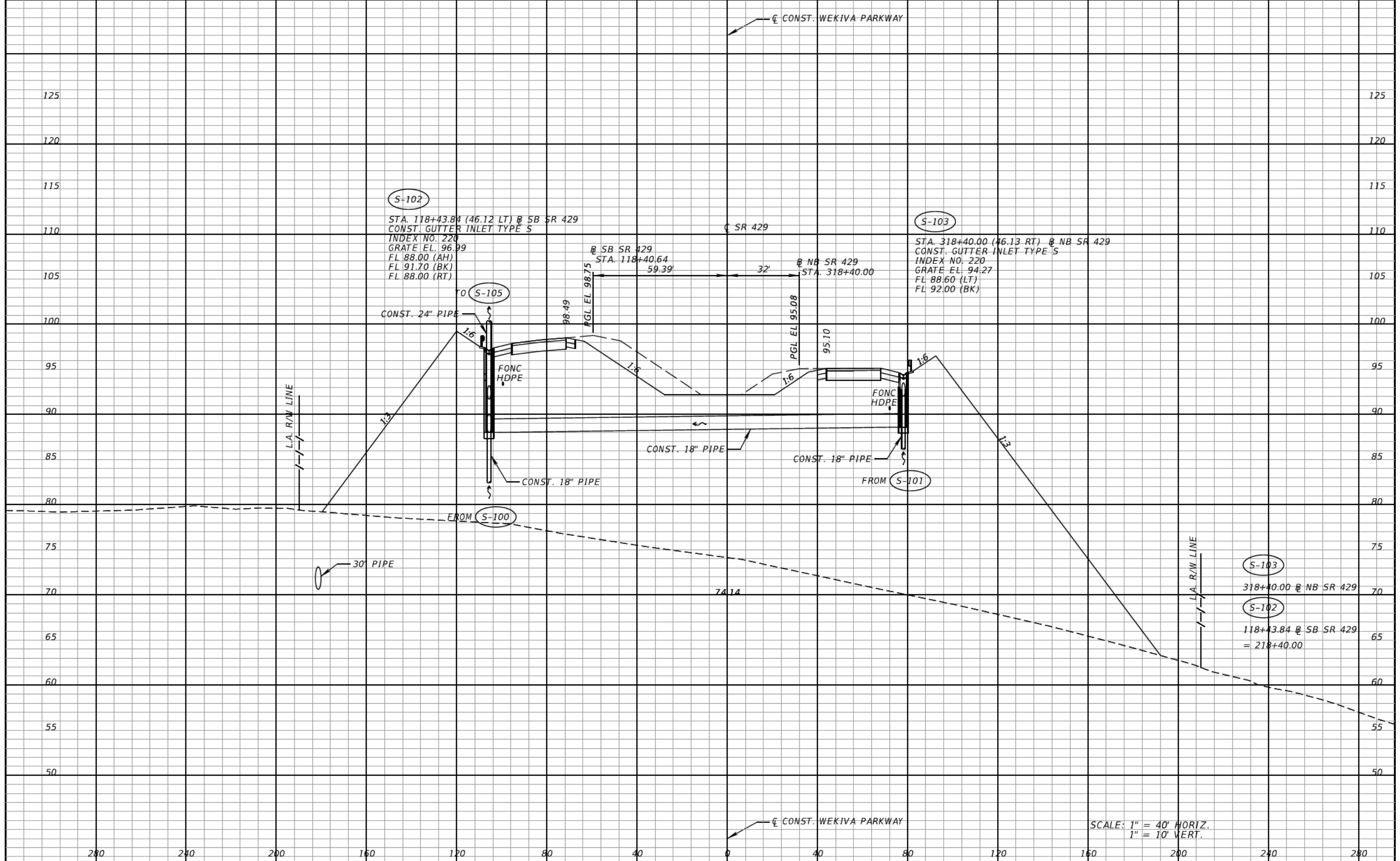
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
151



S-102
 STA. 118+43.84 (46.12 LT) @ SB SR 429
 CONST. GUTTER INLET TYPE 5
 INDEX NO. 220
 GRATE EL. 96.99
 FL 88.00 (AH)
 FL 91.70 (BK)
 FL 88.00 (RT)

S-103
 STA. 318+40.00 (46.13 RT) @ NB SR 429
 CONST. GUTTER INLET TYPE 5
 INDEX NO. 220
 GRATE EL. 94.27
 FL 88.60 (LT)
 FL 92.00 (BK)

S-103
 318+40.00 @ NB SR 429
 S-102
 118+43.84 @ SB SR 429
 = 218+40.00

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

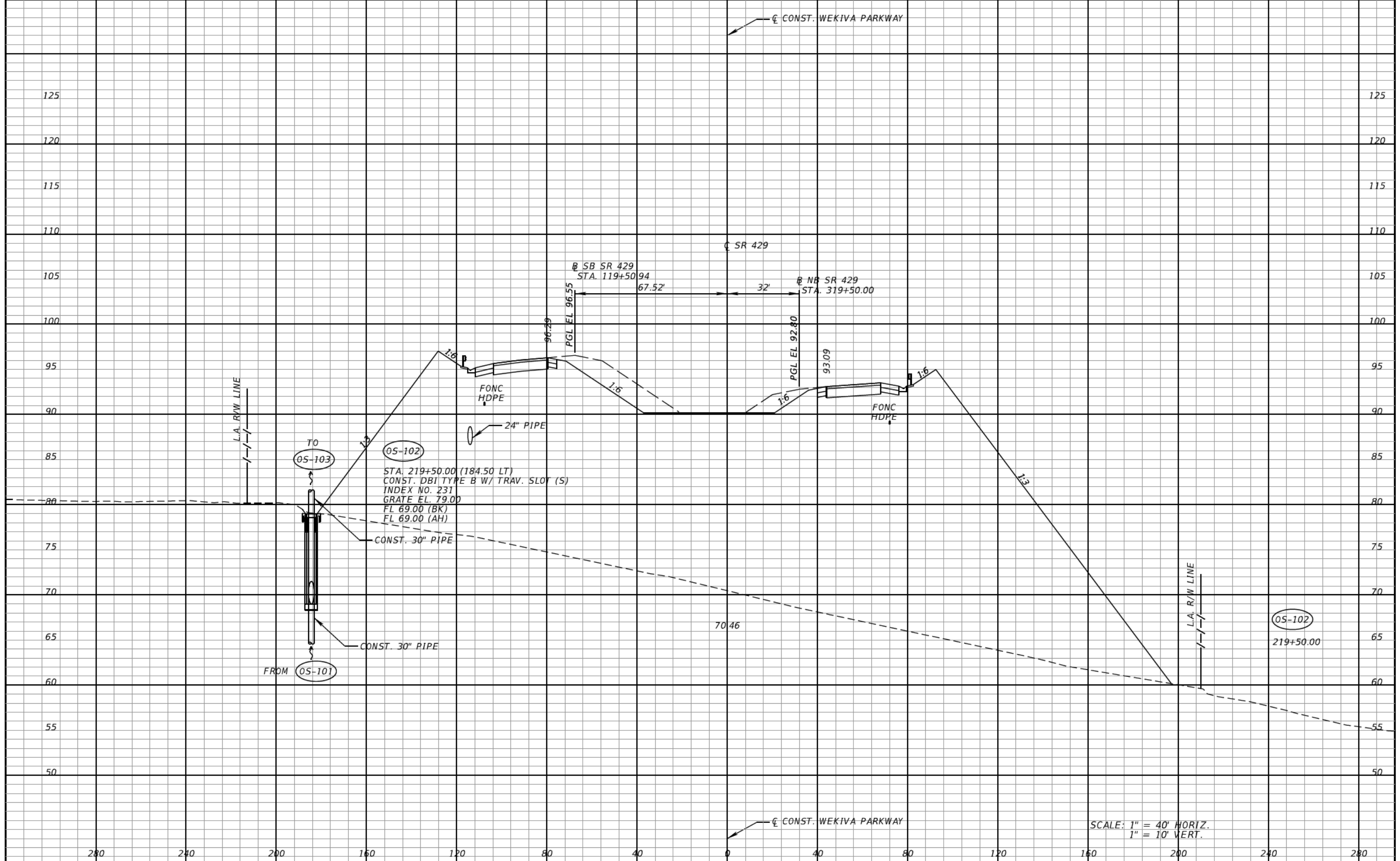
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO. 152



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

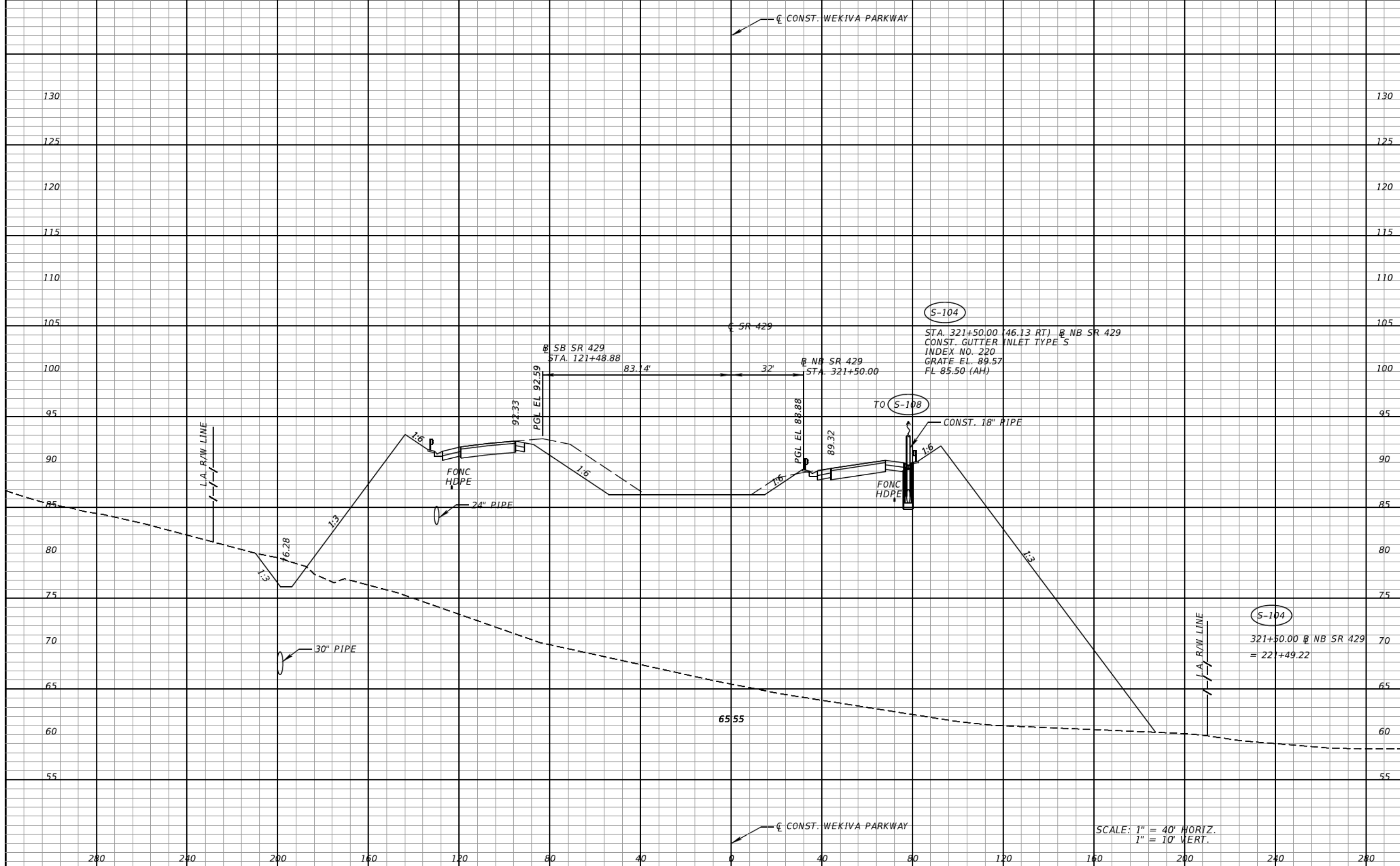
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
153



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

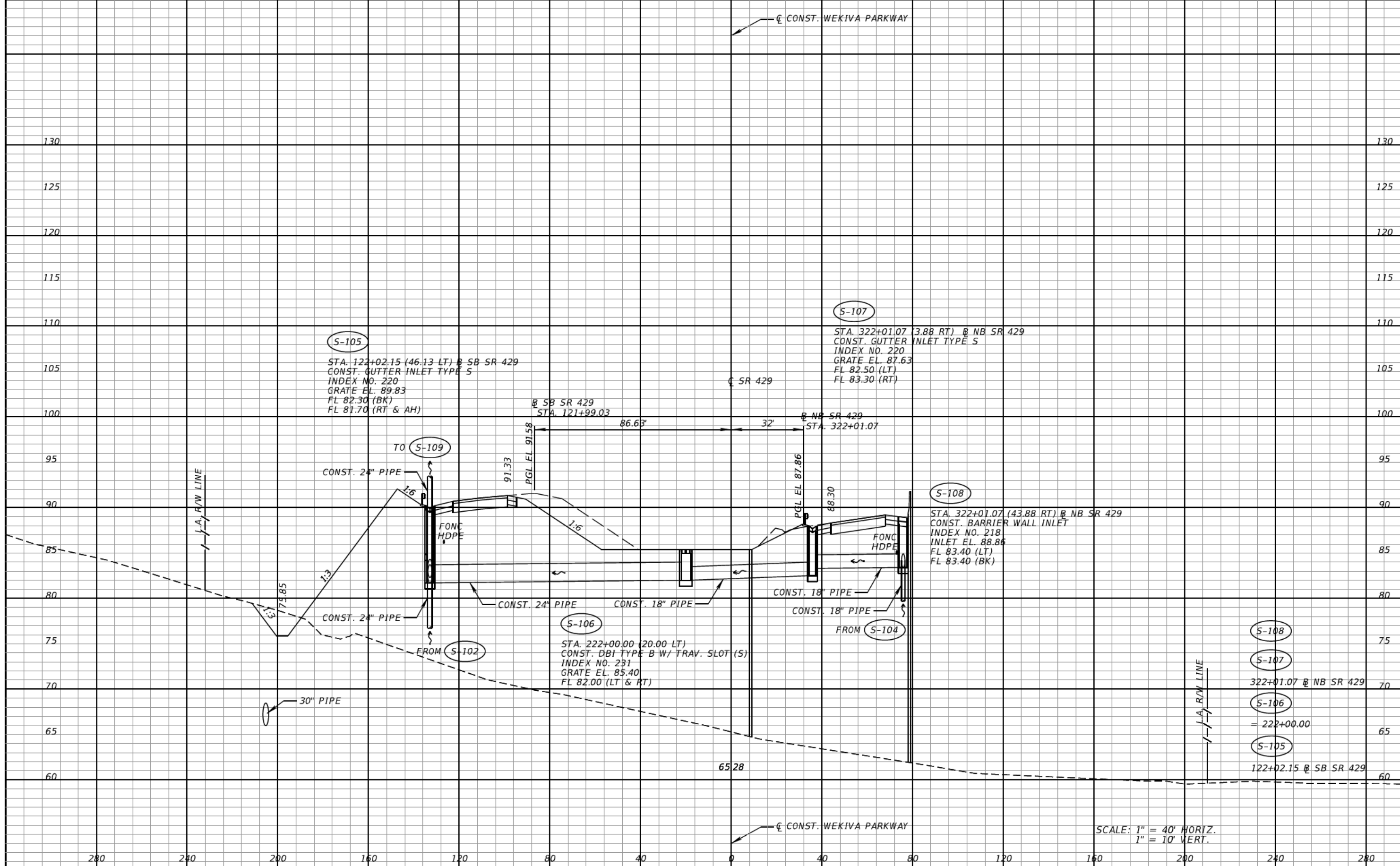
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
154



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

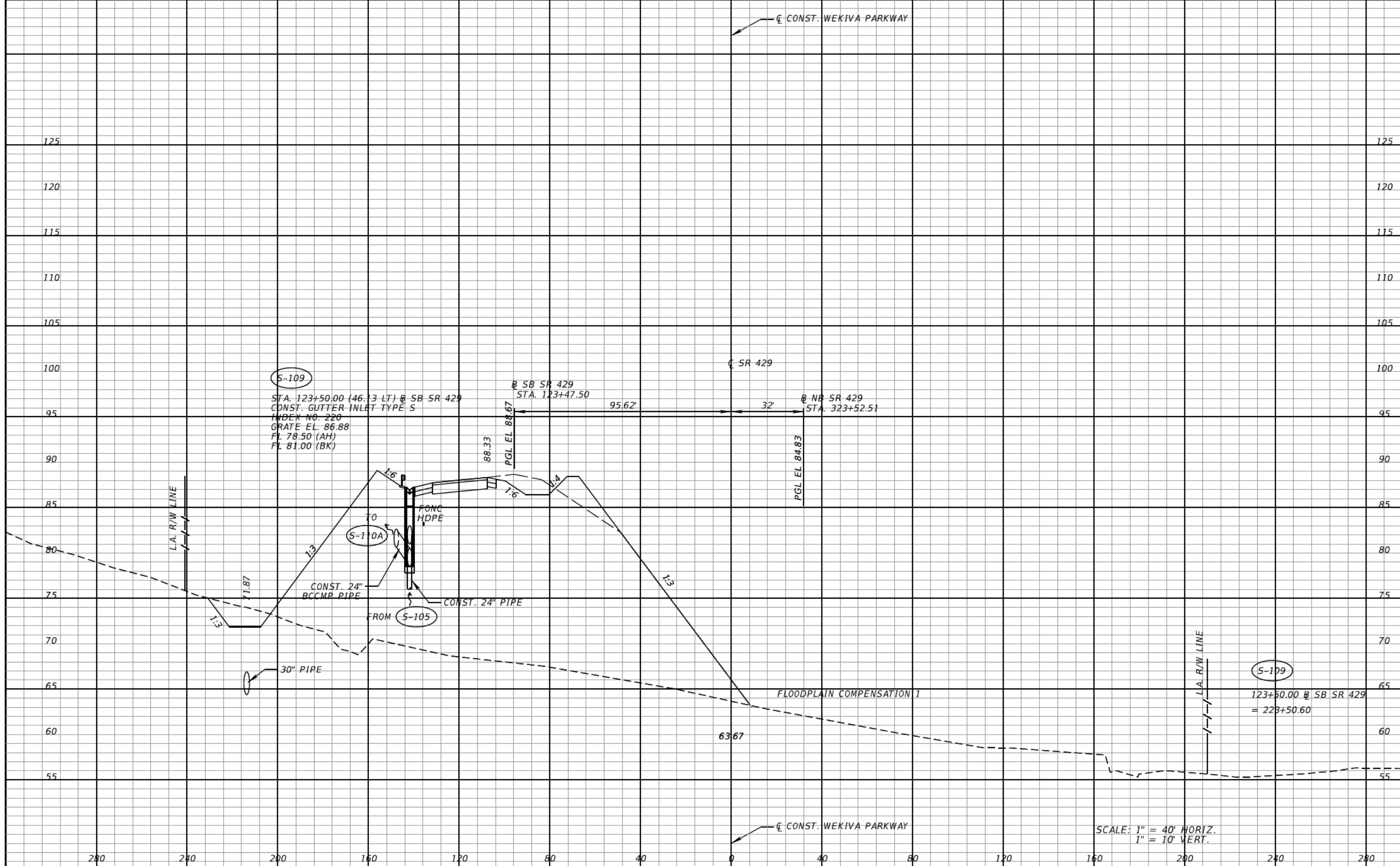
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
155



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

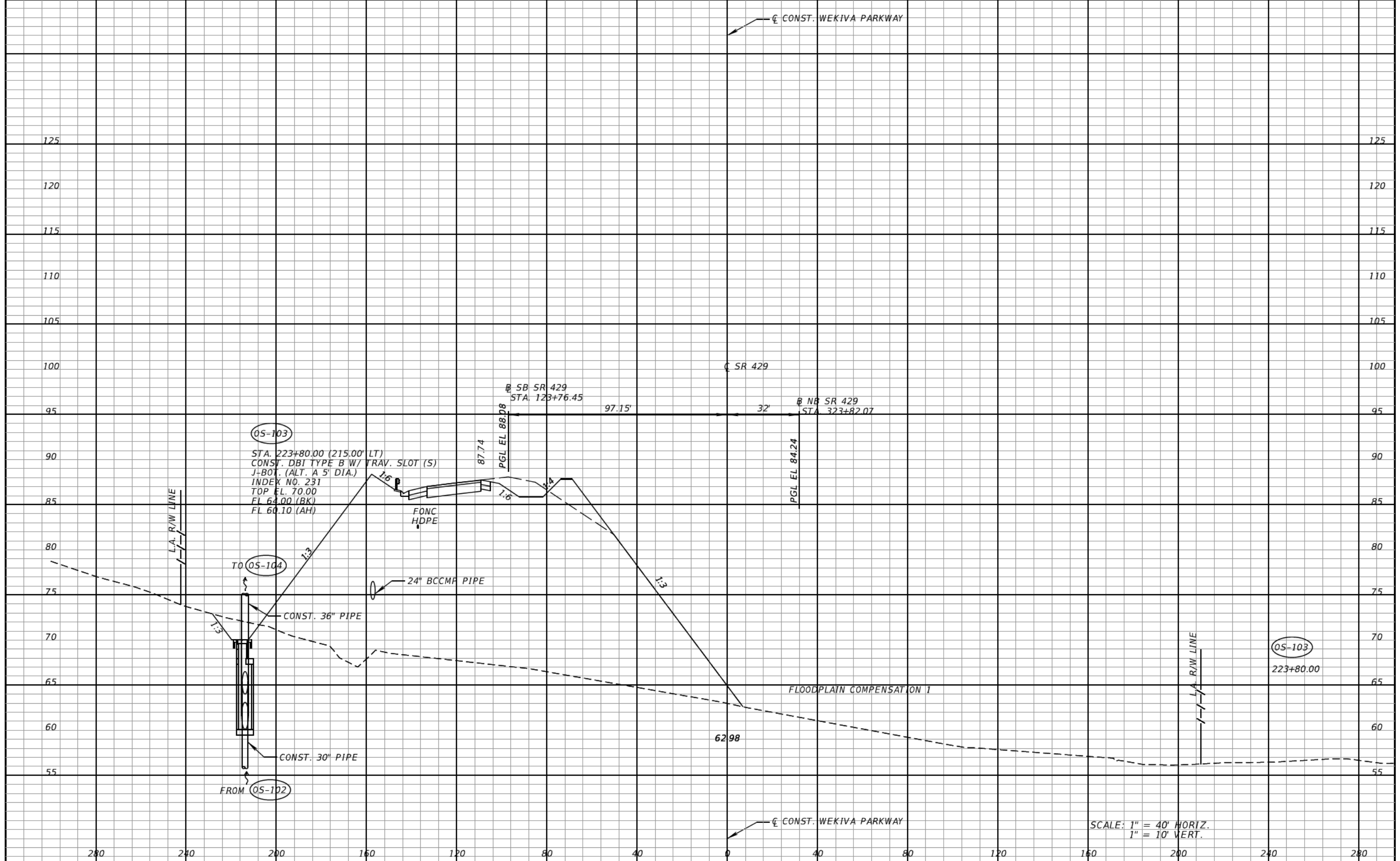
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
156



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

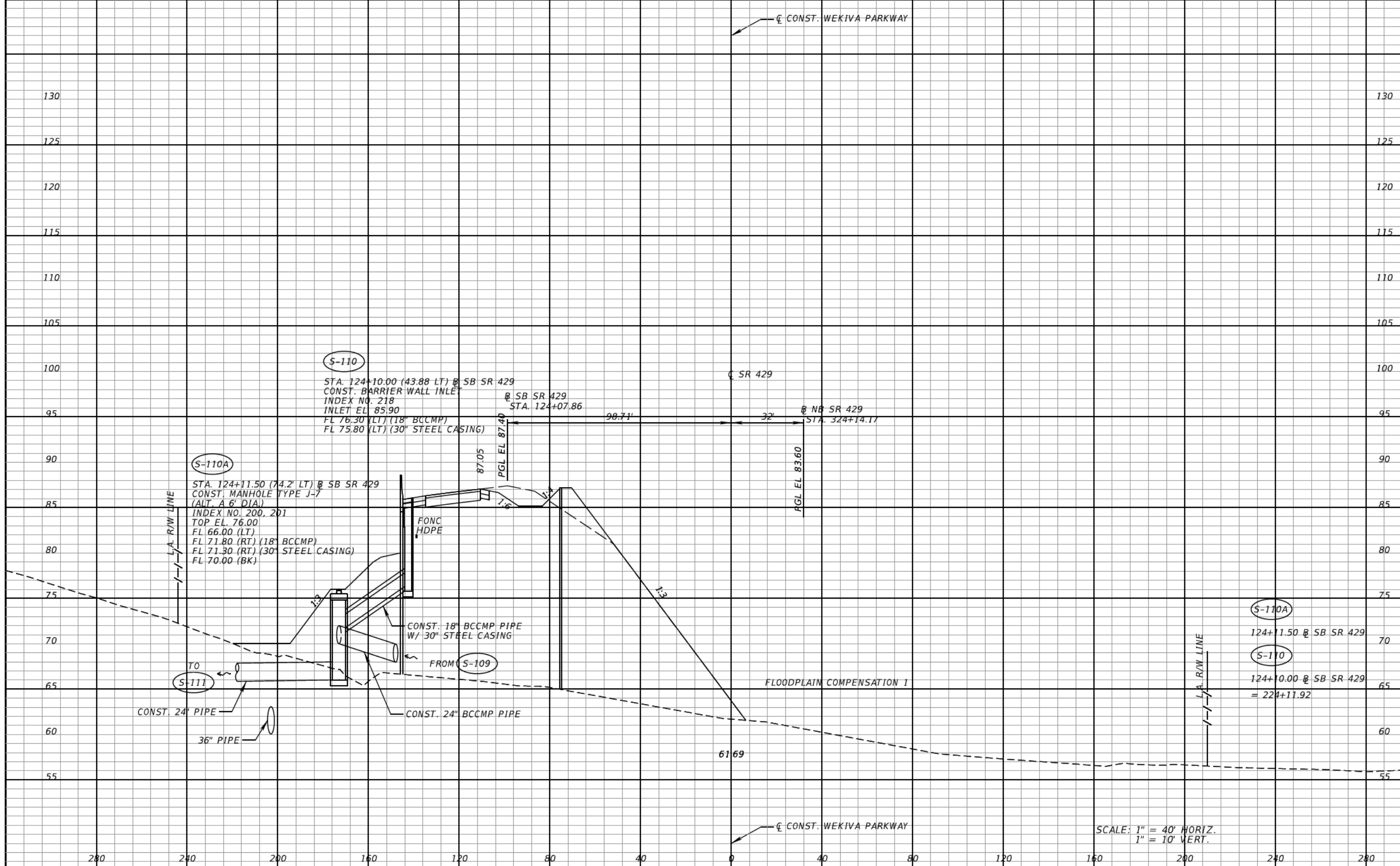
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
157



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

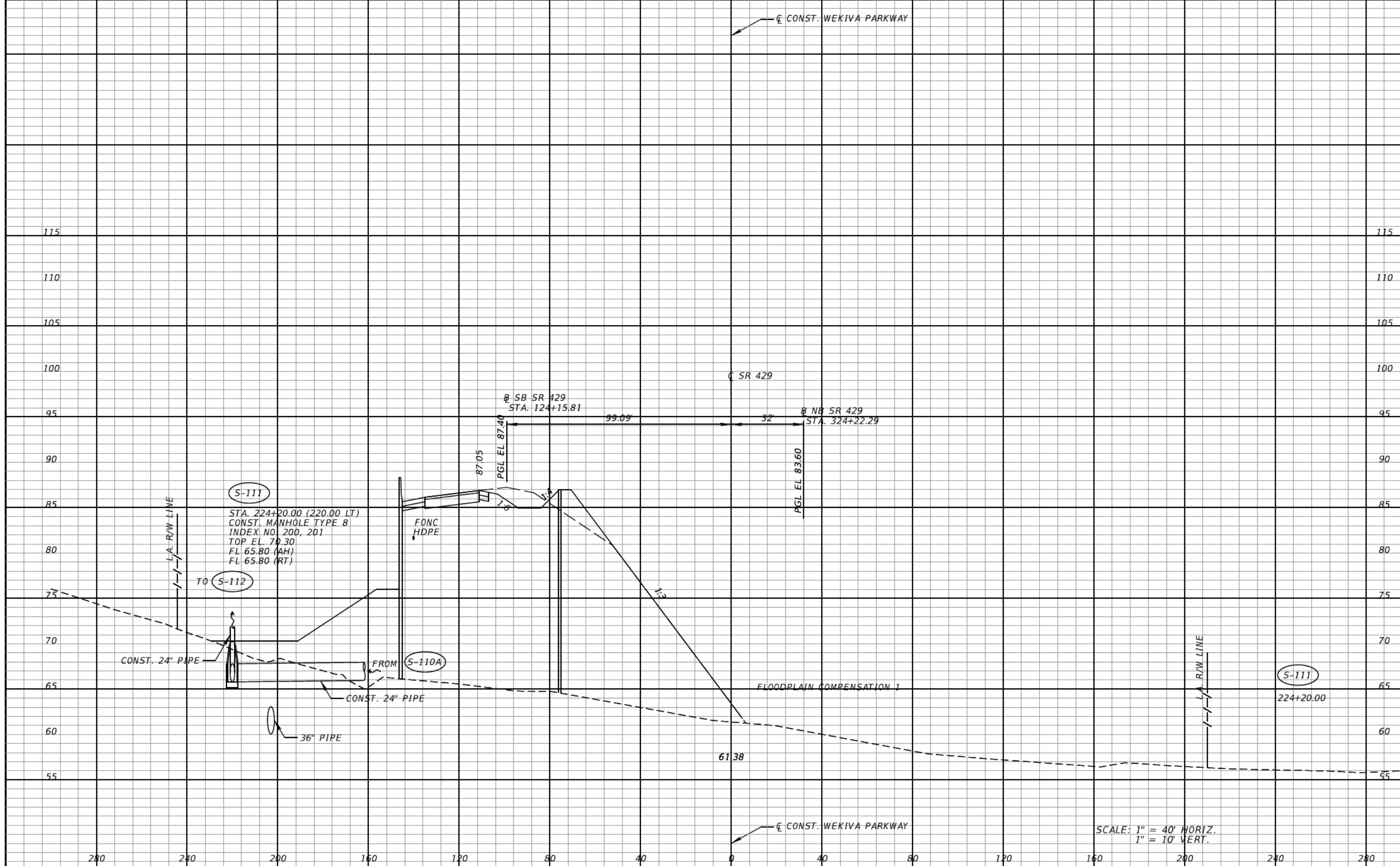
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
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SR 429

SHEET NO.
158



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

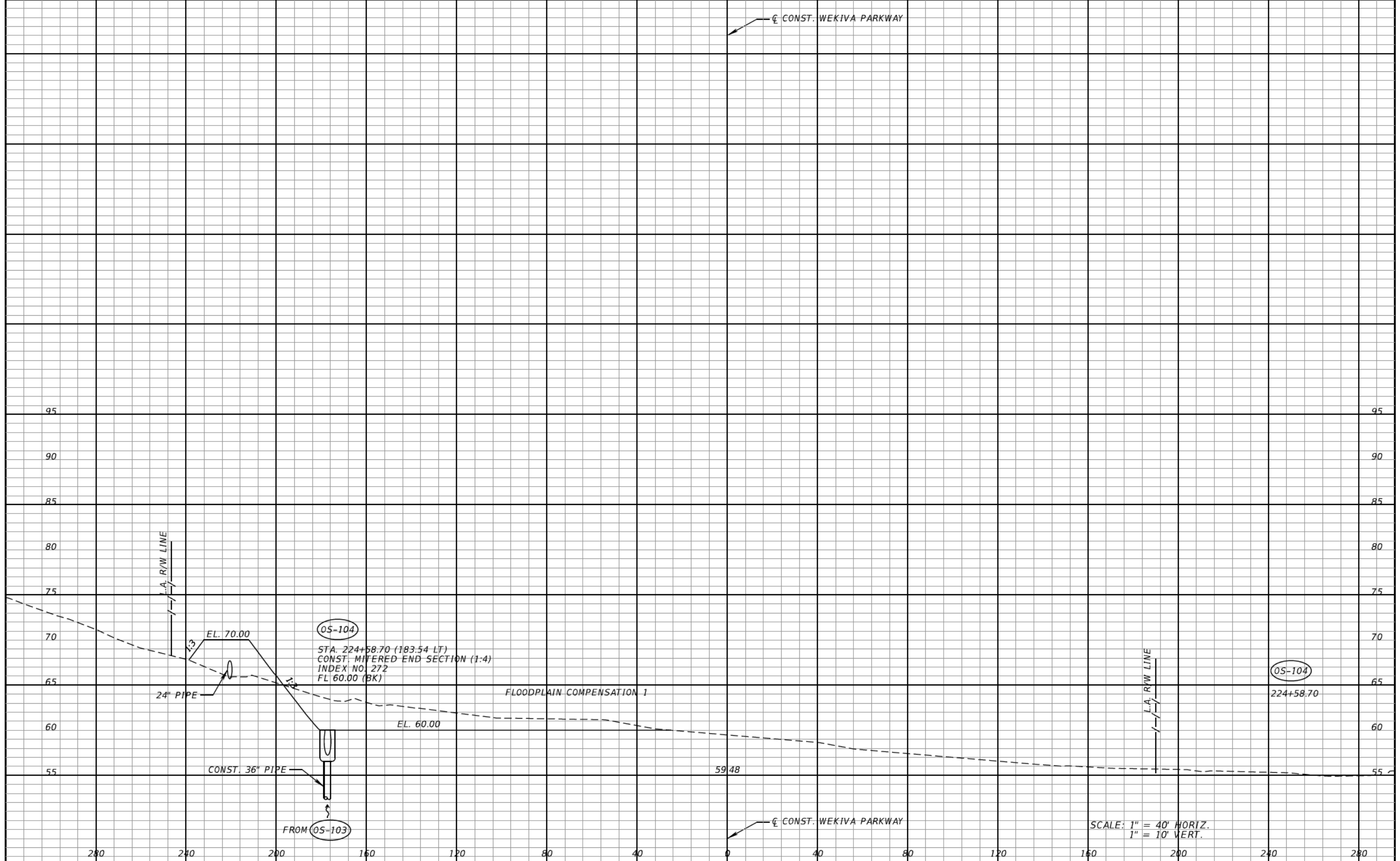
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO. 159



(OS-104)
 STA. 224+58.70 (183.54 LT)
 CONST. MITERED END SECTION (1:4)
 INDEX NO. 272
 FL 60.00 (BK)

(OS-104)
 224+58.70

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

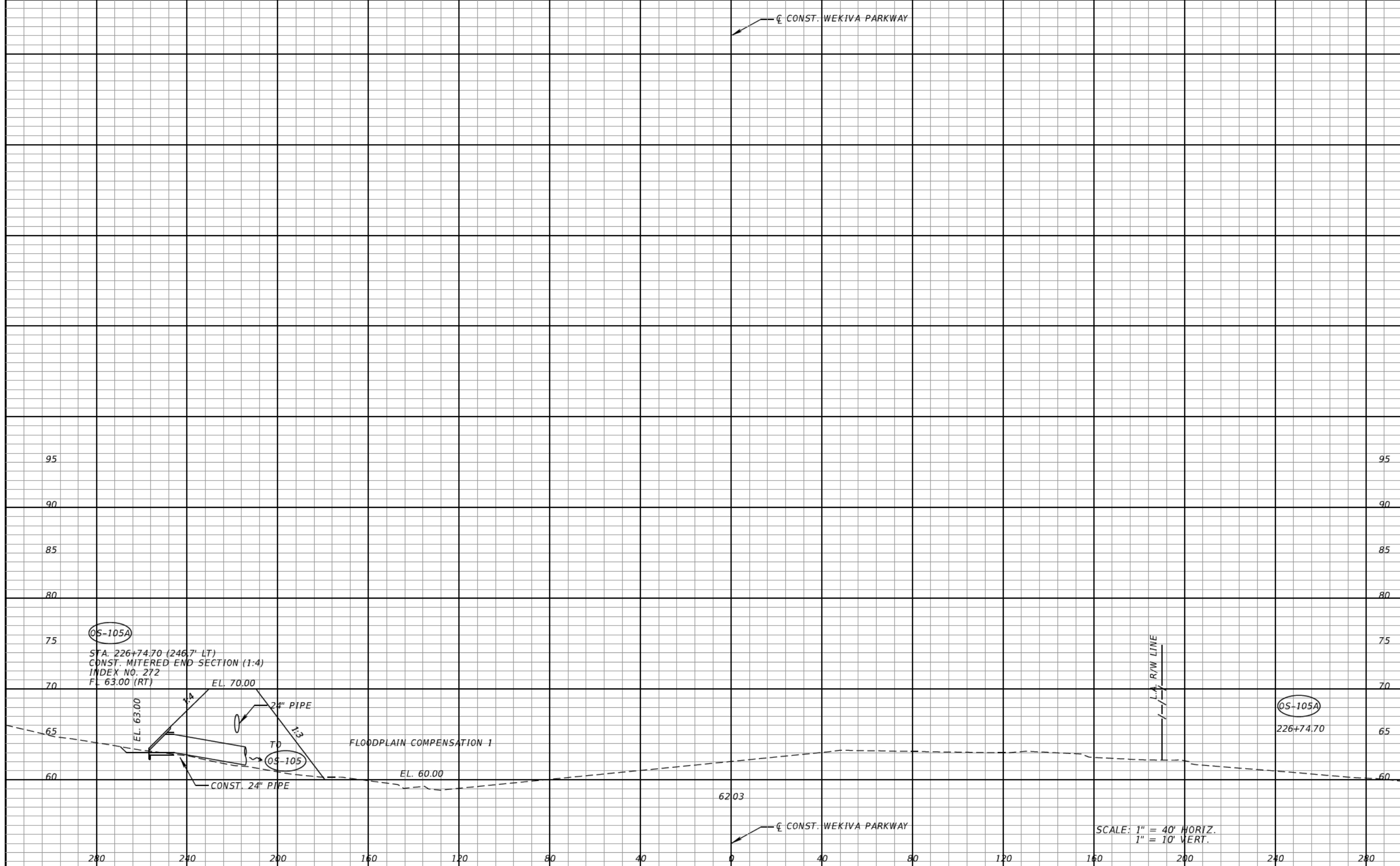
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
160



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

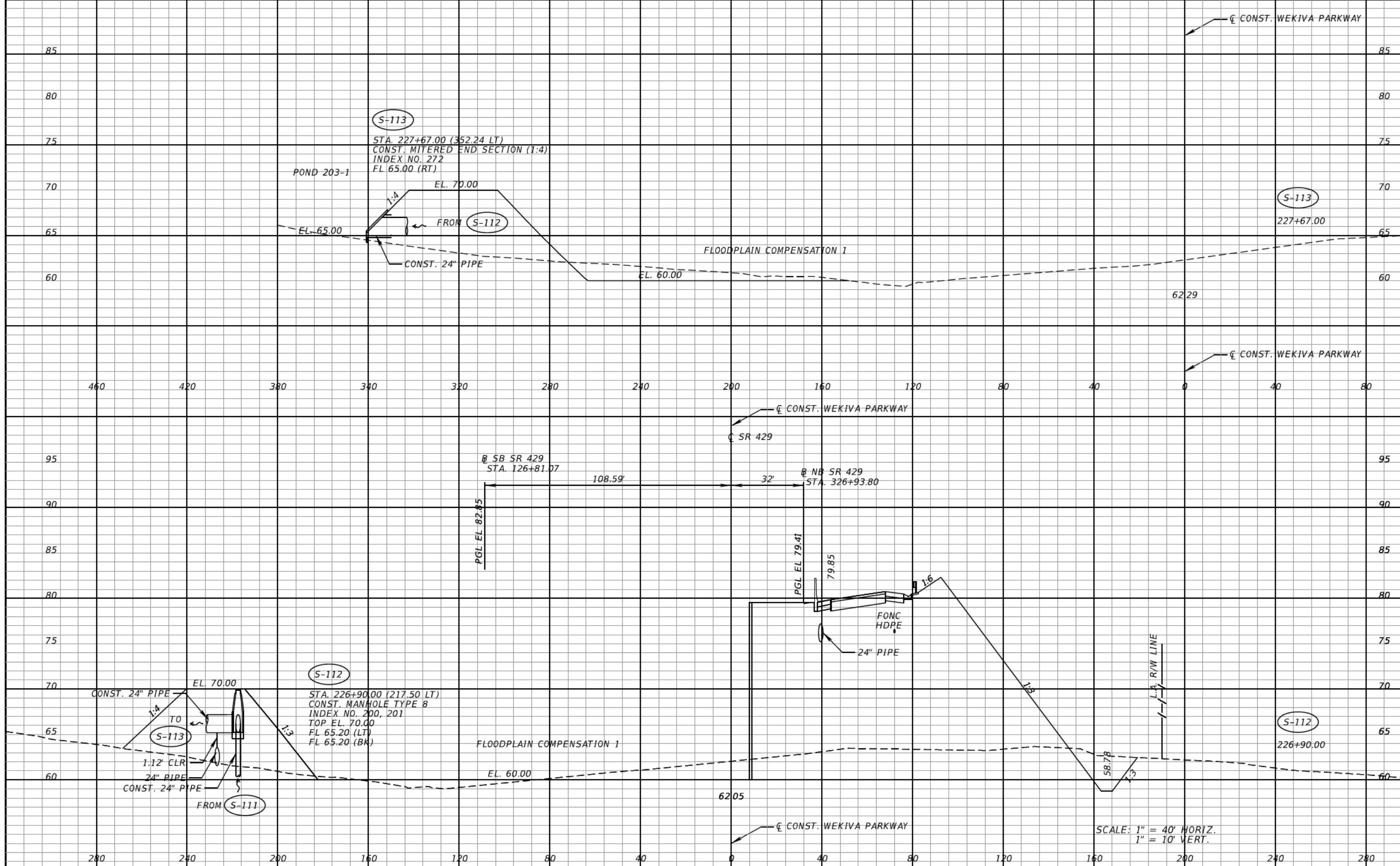
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
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SR 429

SHEET NO.
161



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

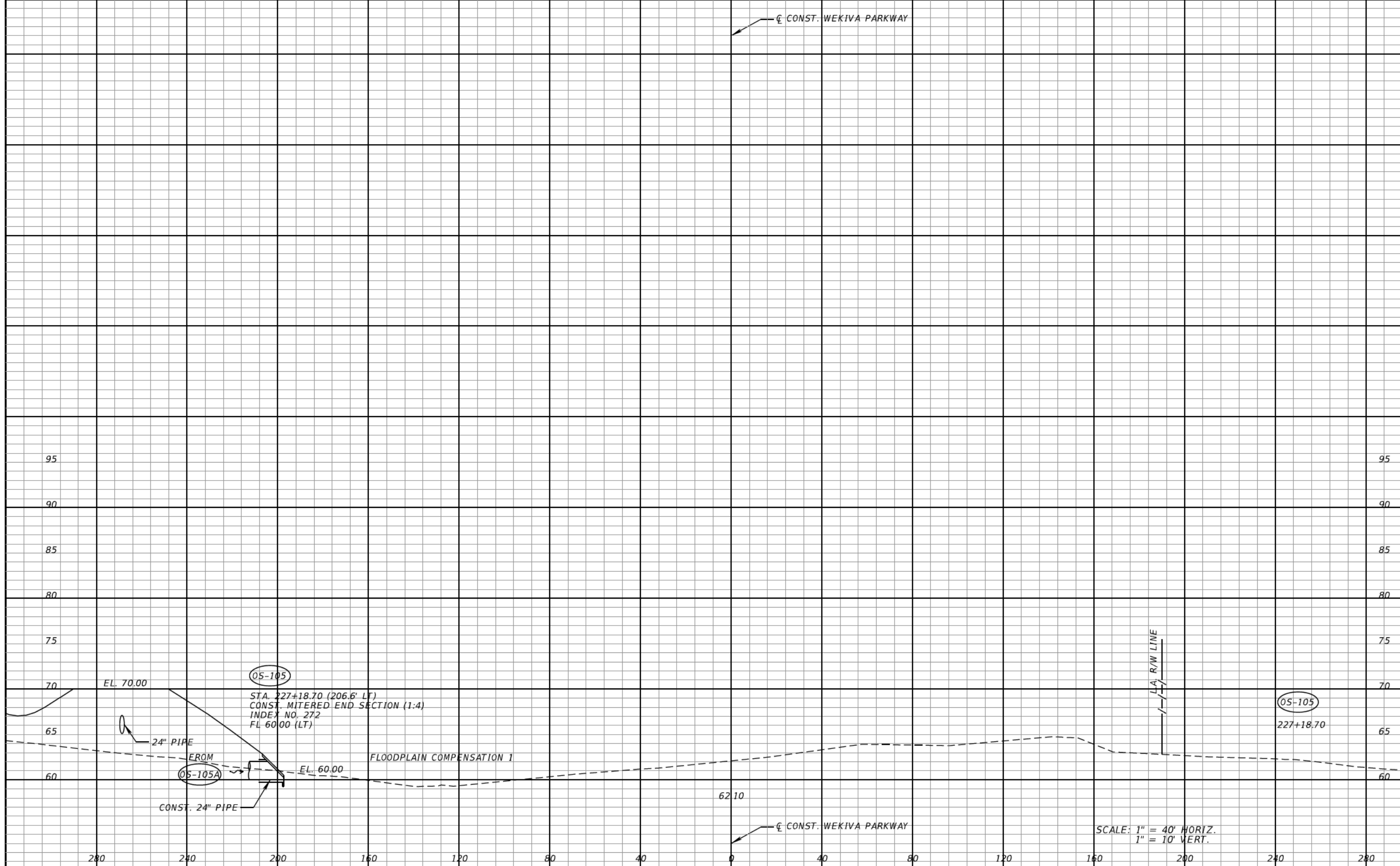
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
162



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

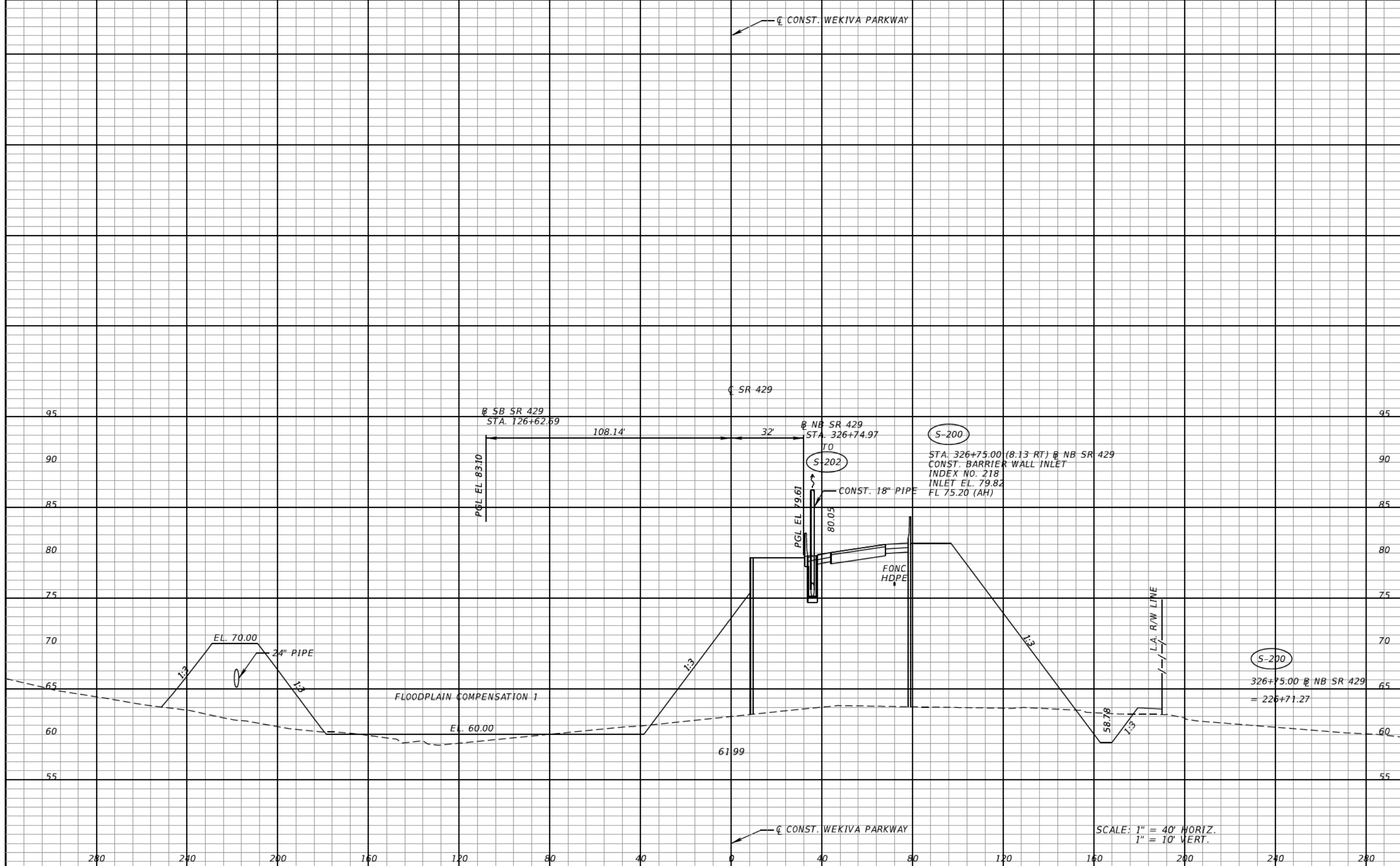
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
163



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

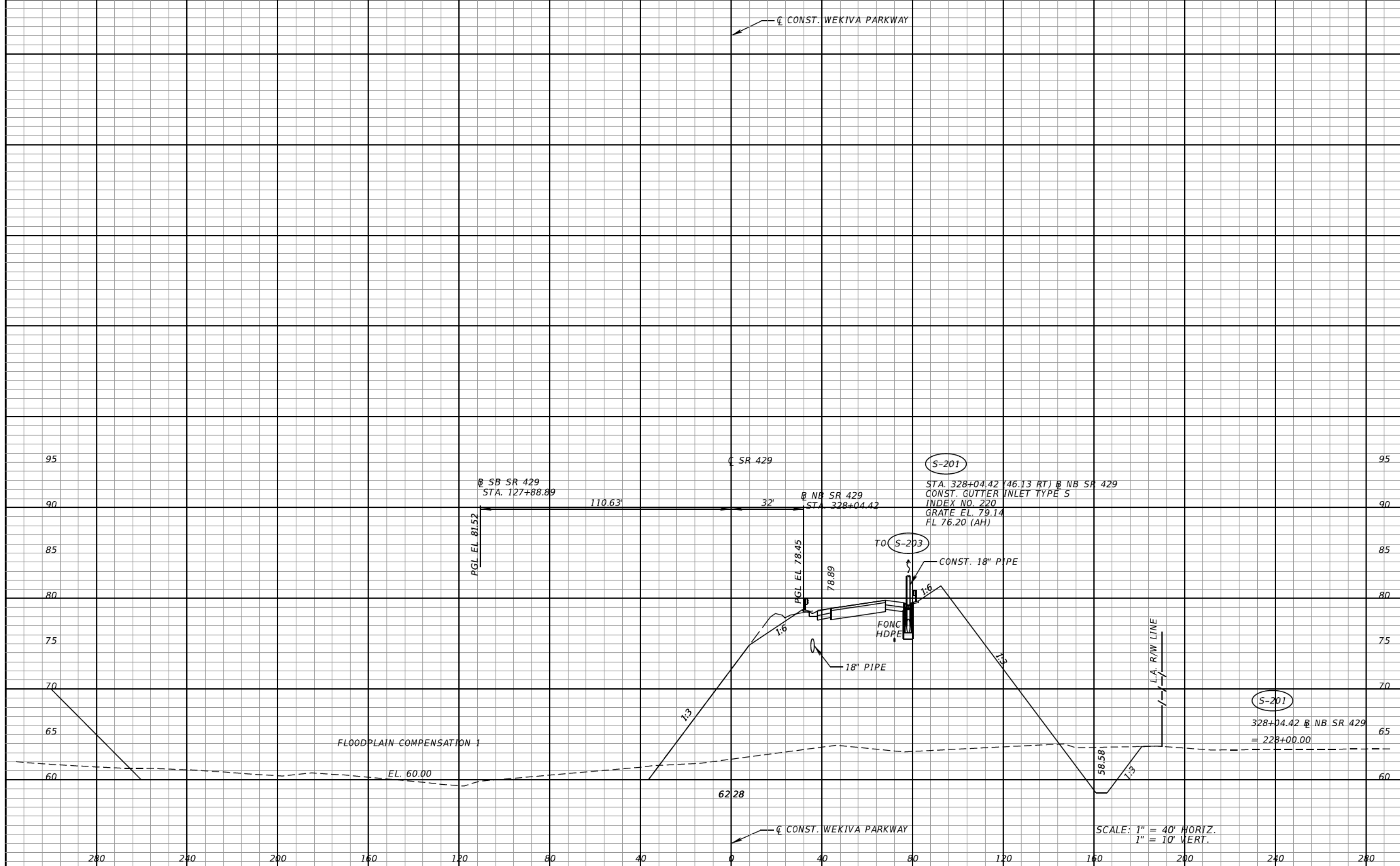
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
 164



REVISIONS	
DATE	DESCRIPTION

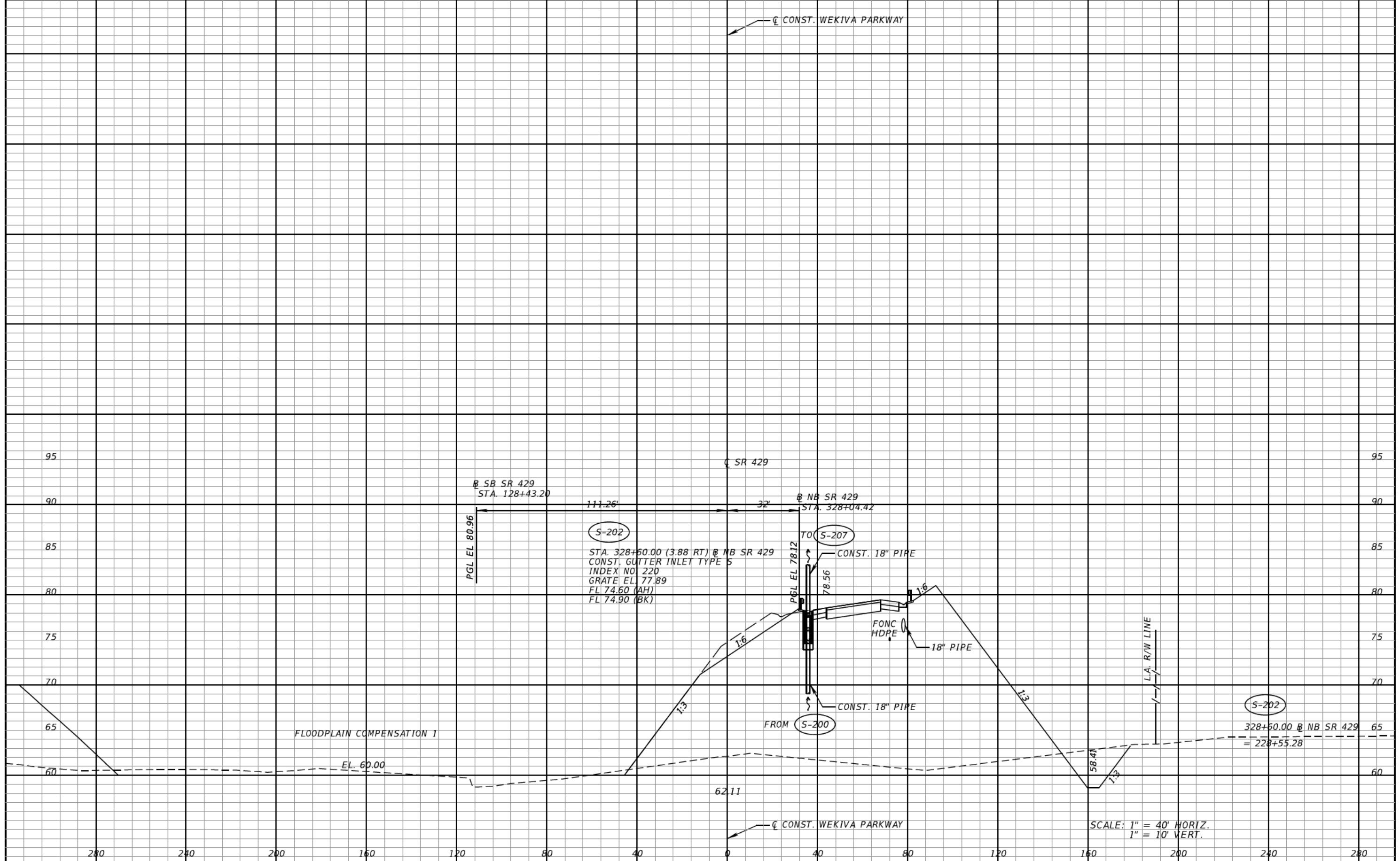
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
165



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

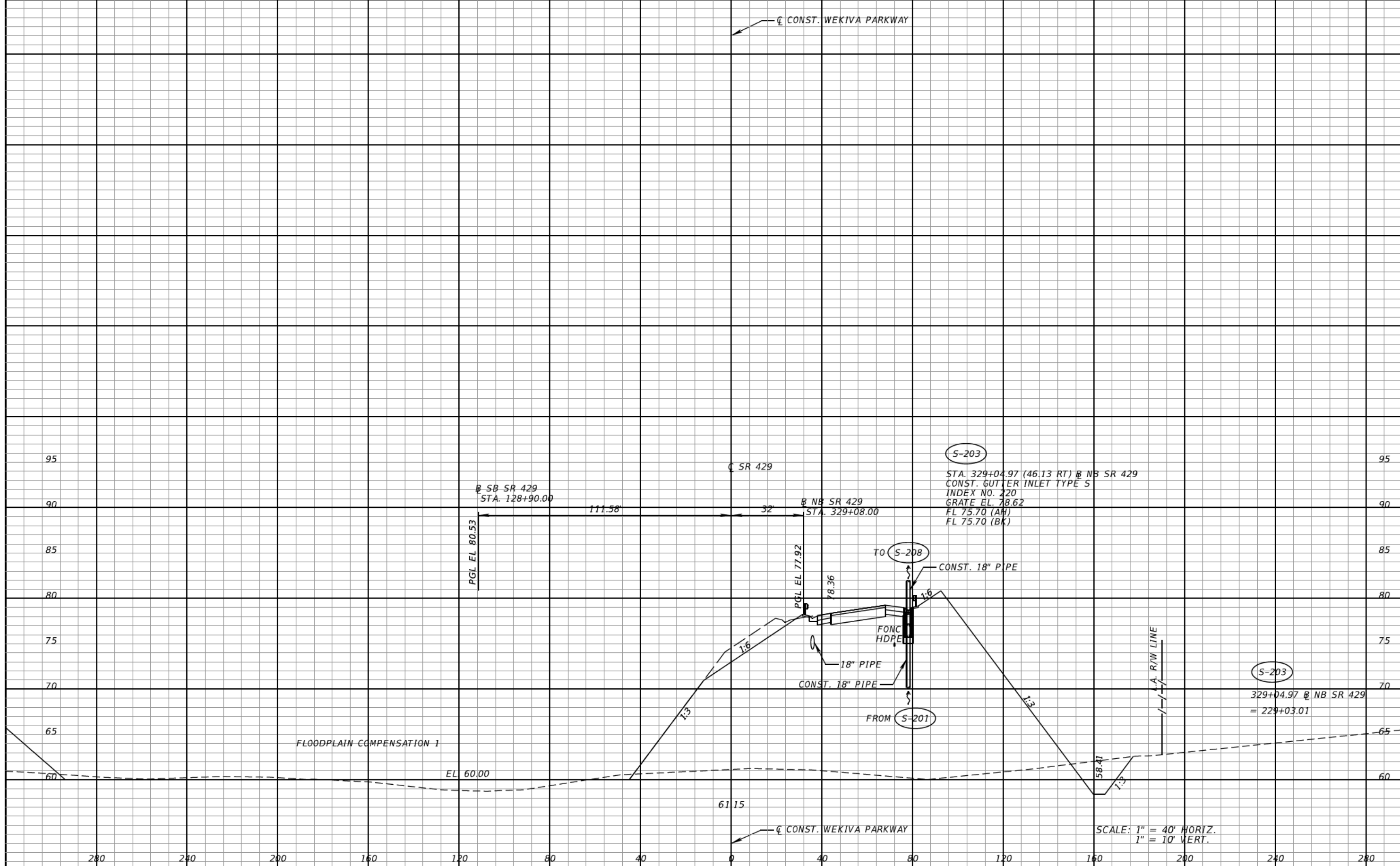
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
166



S-203
 STA. 329+04.97 (46.13 RT) @ NB SR 429
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 78.62
 FL 75.70 (AH)
 FL 75.70 (BK)

S-203
 329+04.97 @ NB SR 429
 = 229+03.01

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

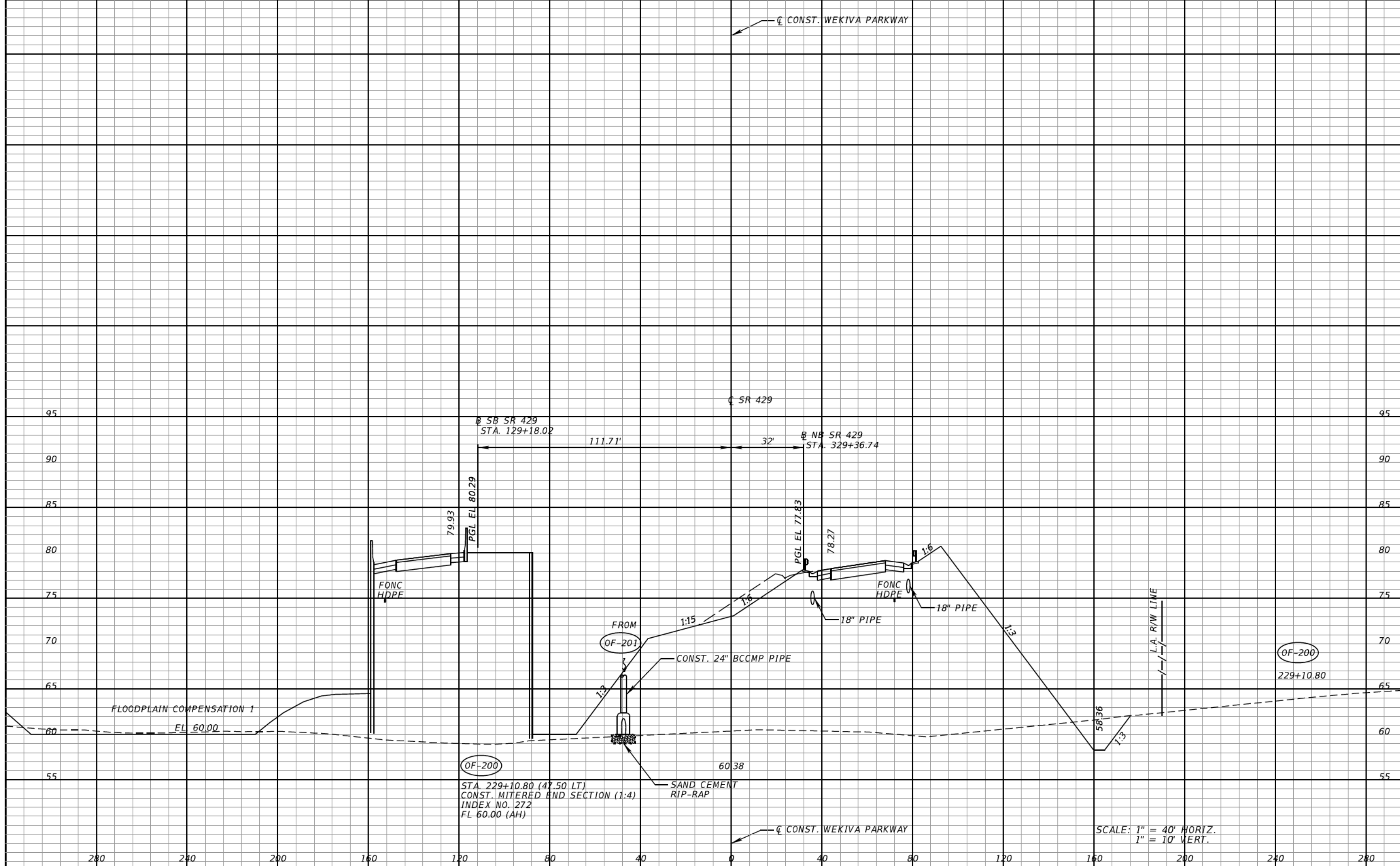
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
 167



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

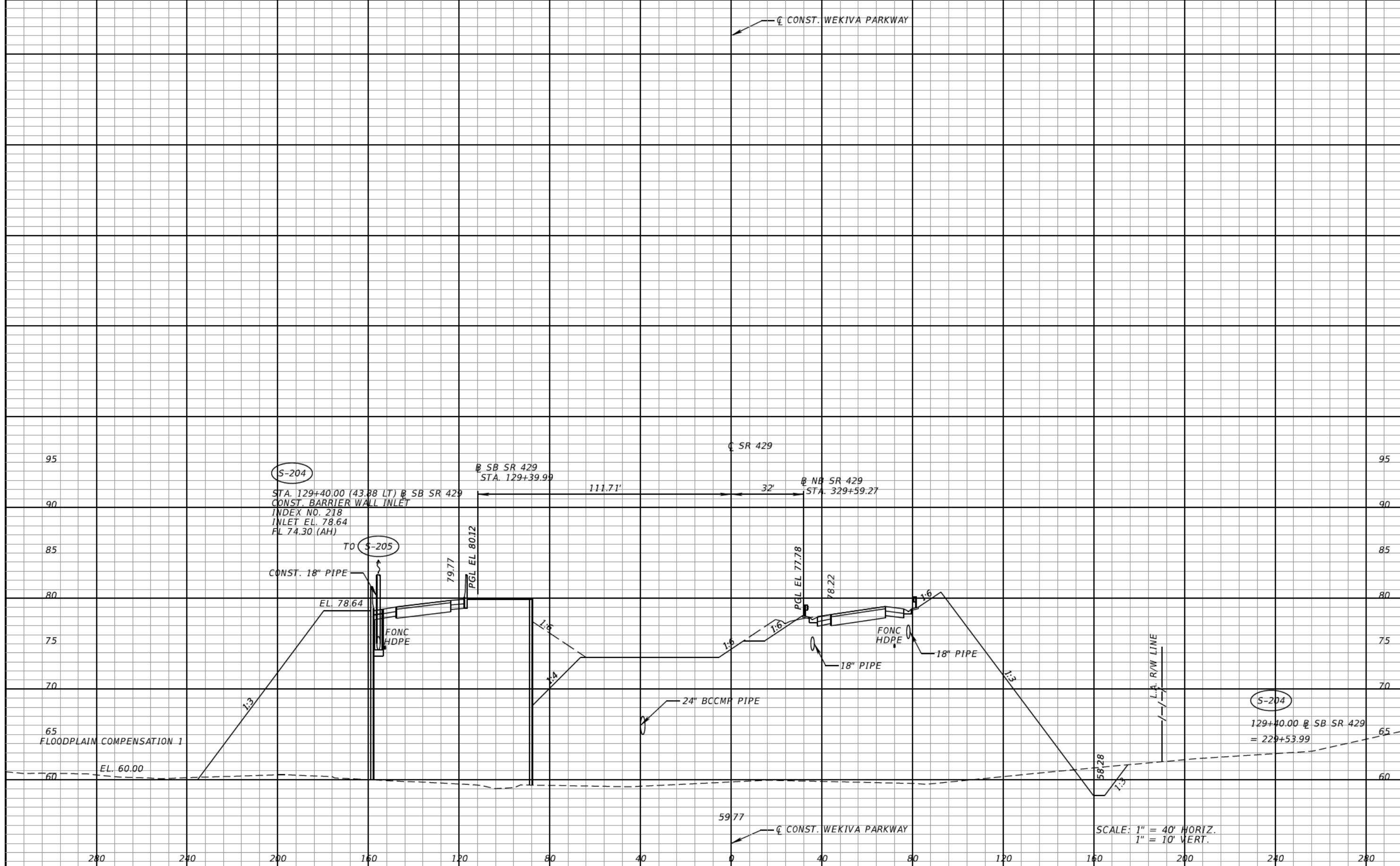
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
168



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

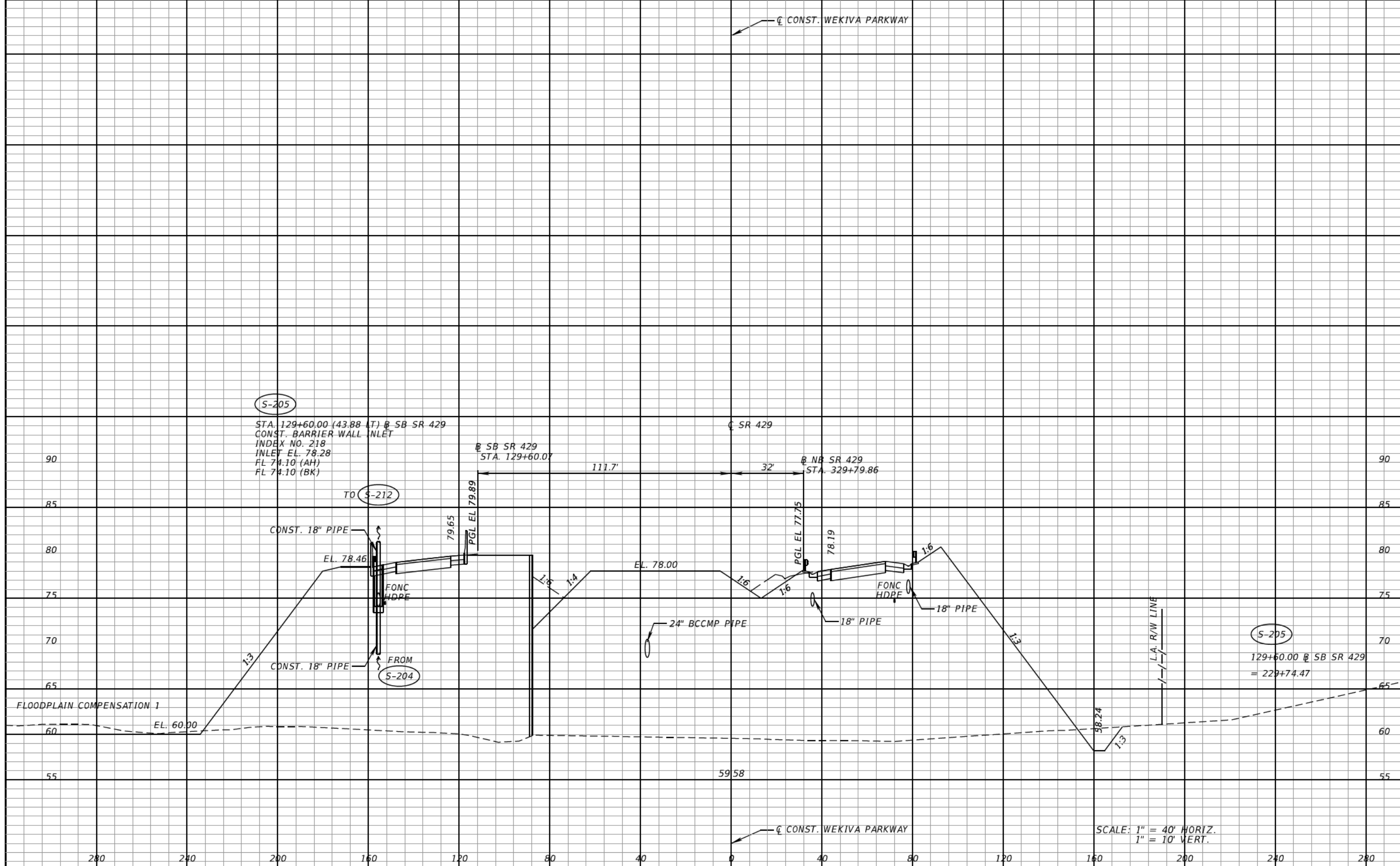
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
169



S-205
 STA. 129+60.00 (43.88 T) SB SR 429
 CONST. BARRIER WALL INLET
 INDEX NO. 218
 INLET EL. 78.28
 FL 74.10 (AH)
 FL 74.10 (BK)

SB SR 429
 STA. 129+60.07

NB SR 429
 STA. 329+79.86

S-205
 129+60.00 SB SR 429
 = 229+74.47

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

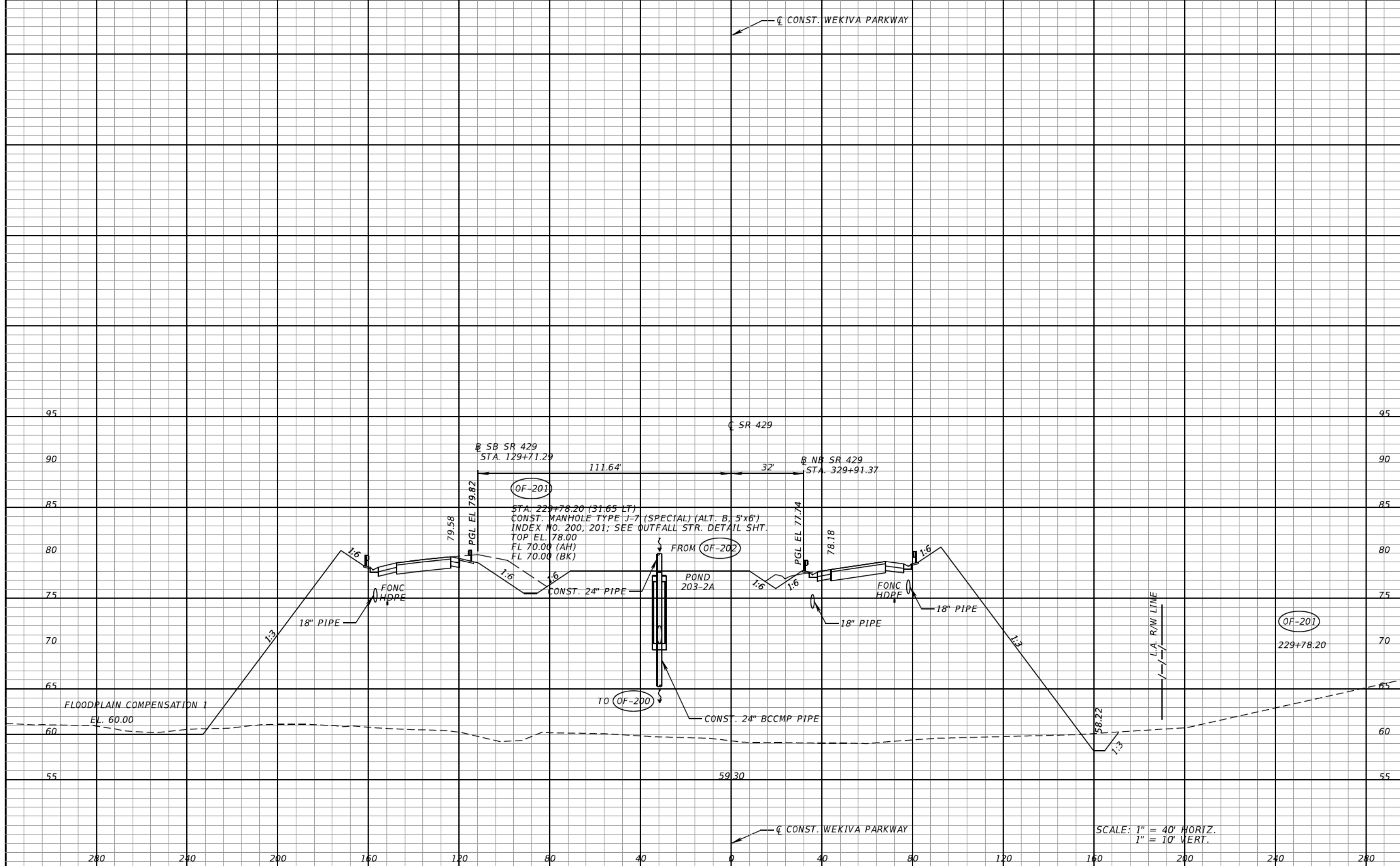
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
 170



REVISIONS	
DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

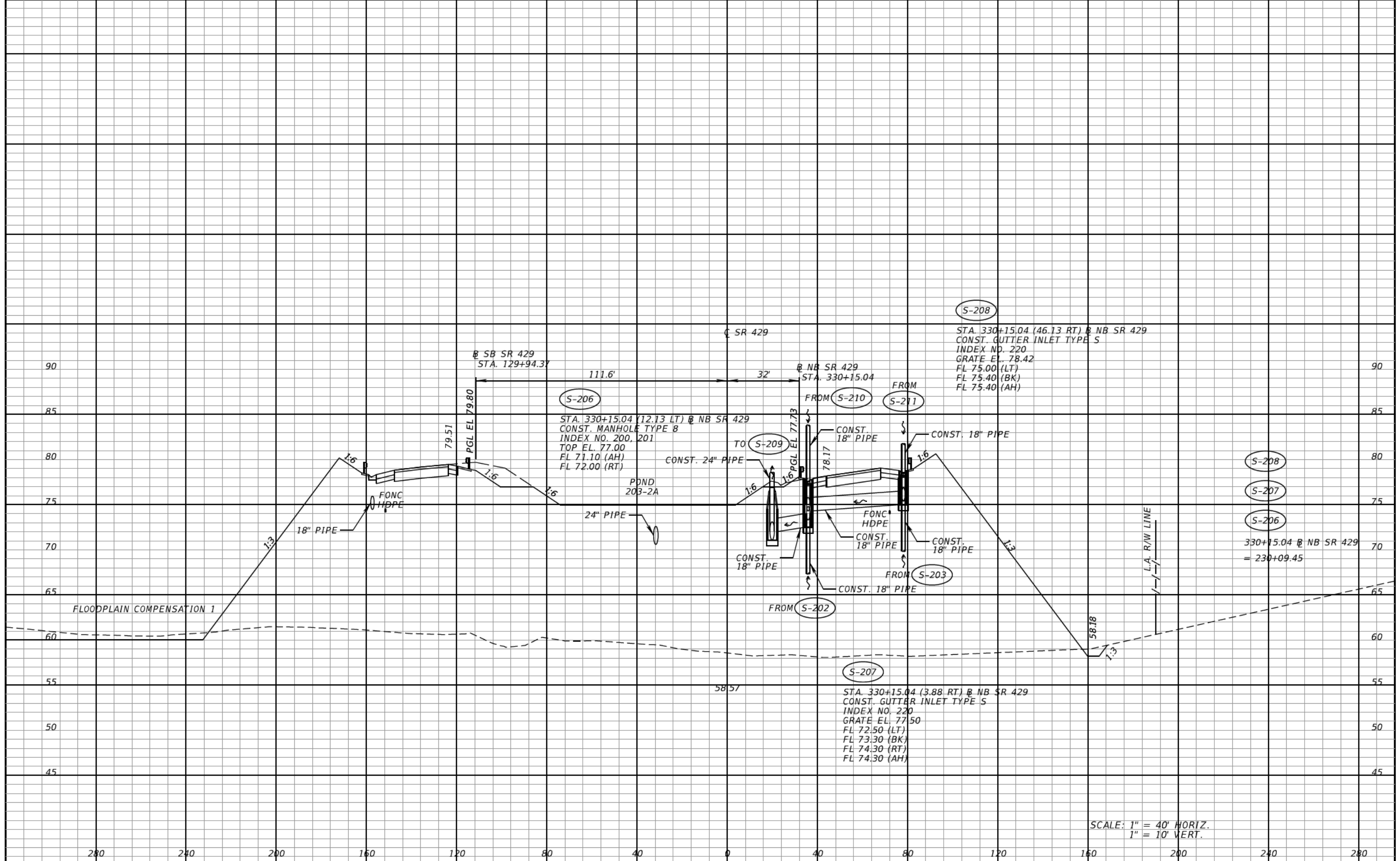
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
171



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

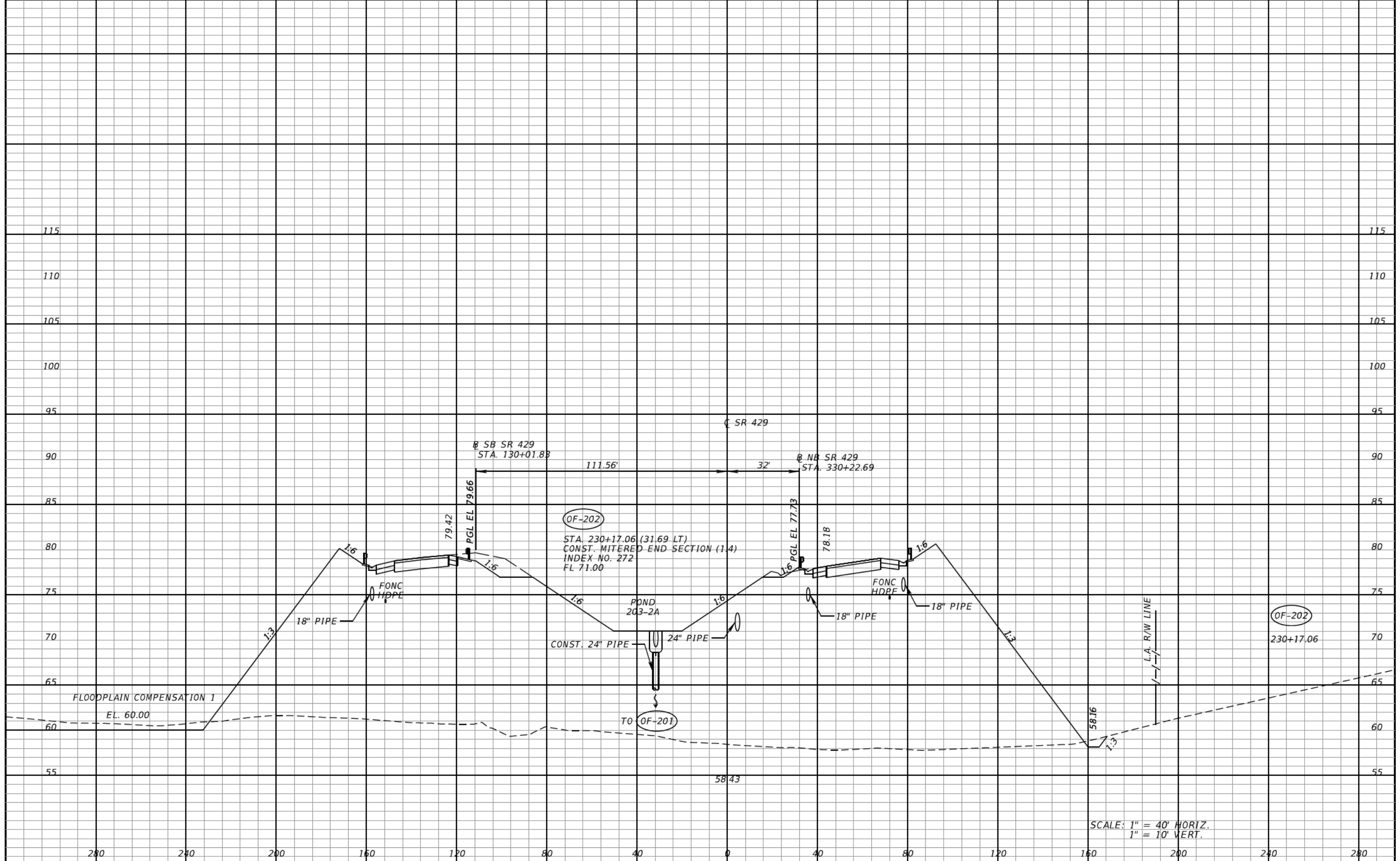
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
172



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

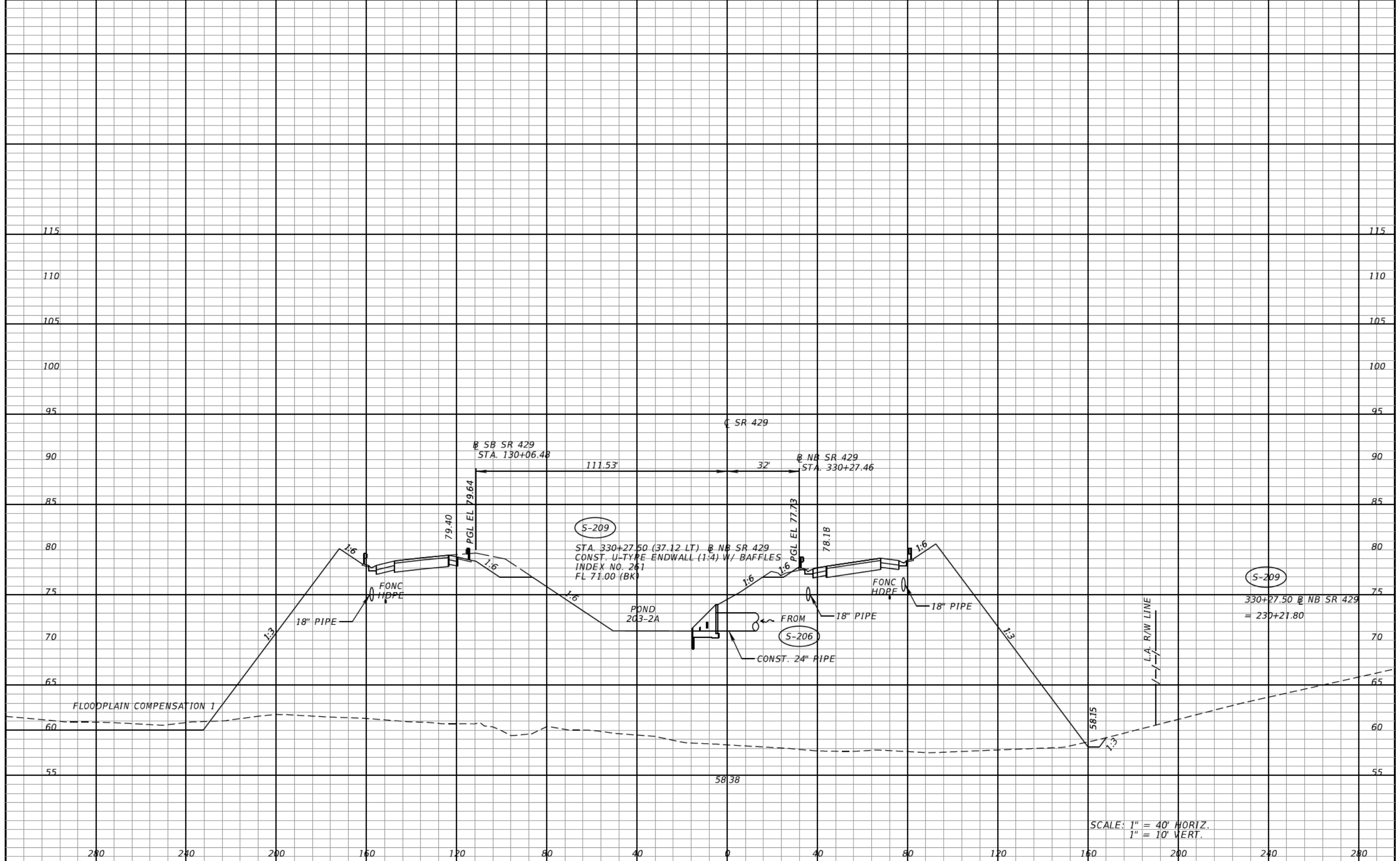
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
173



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

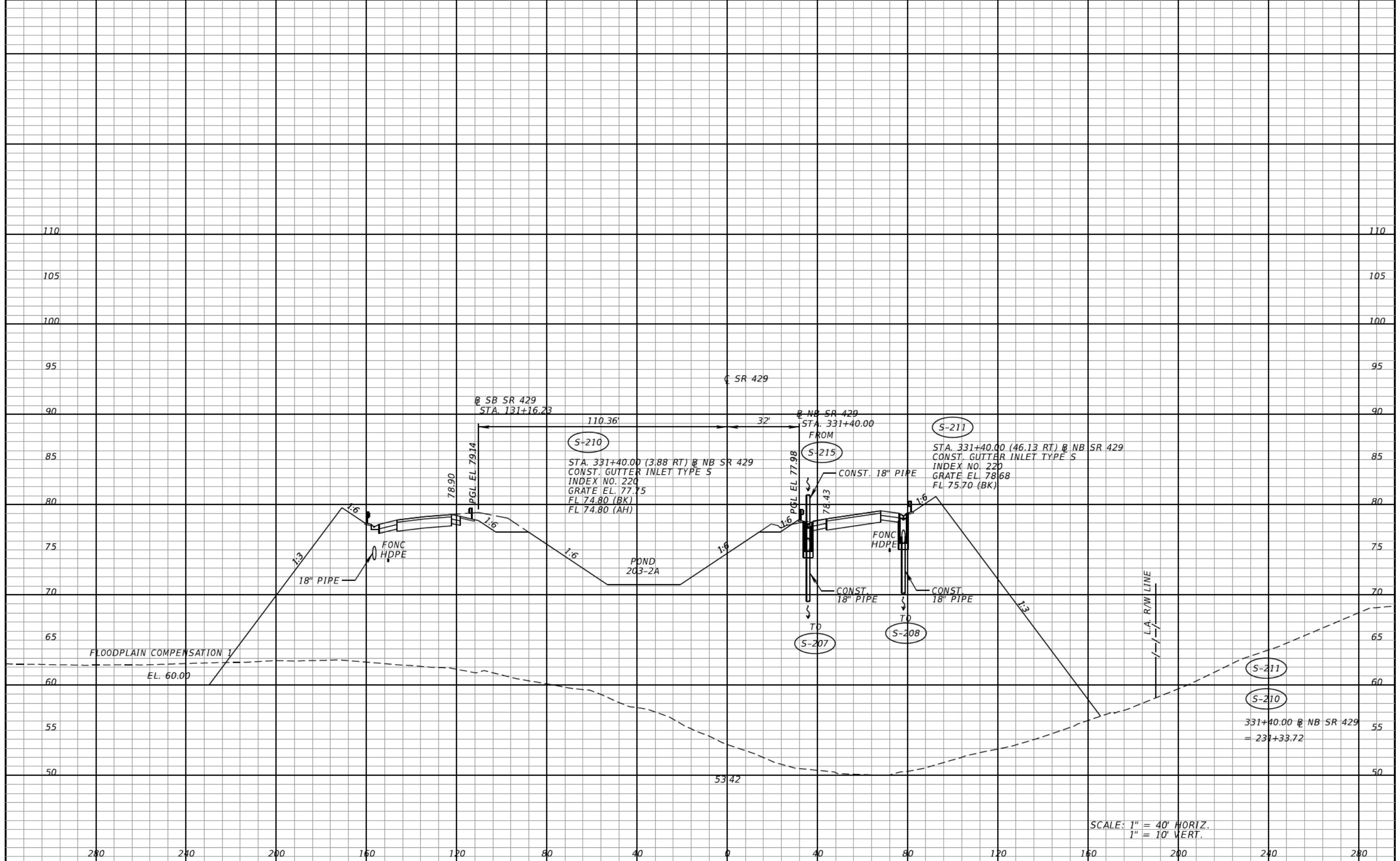
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
174



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

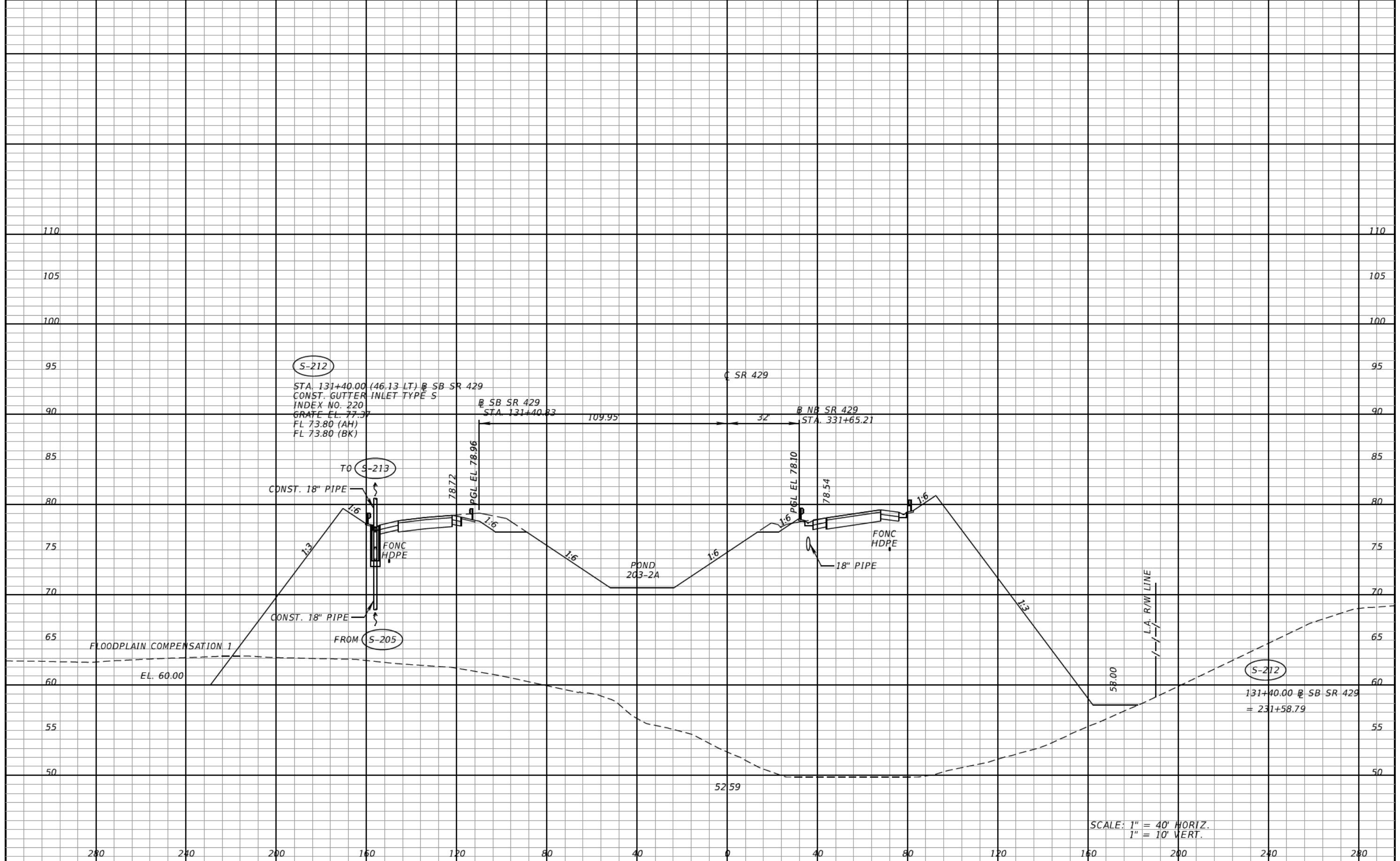
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
175



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

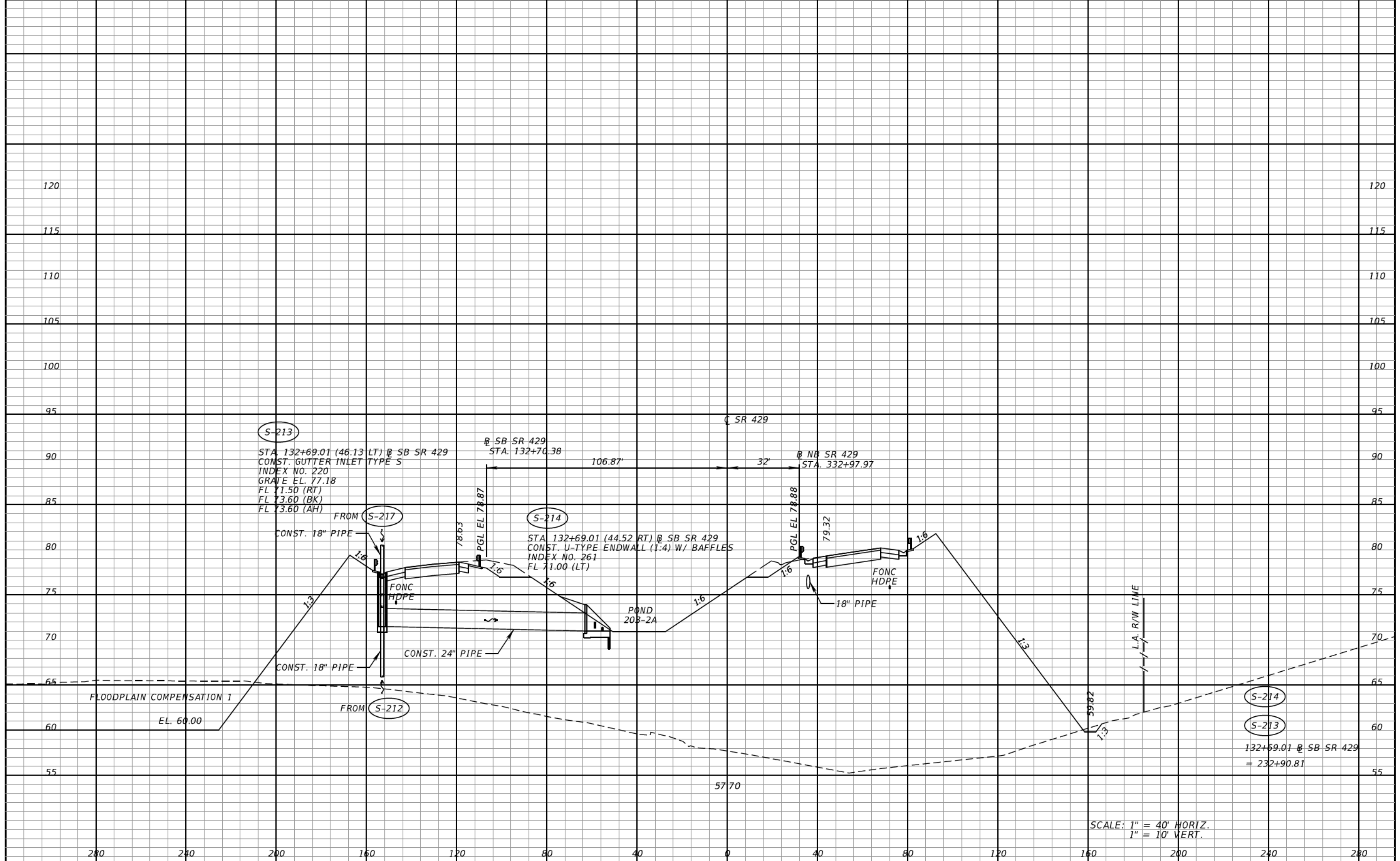
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO. 176



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

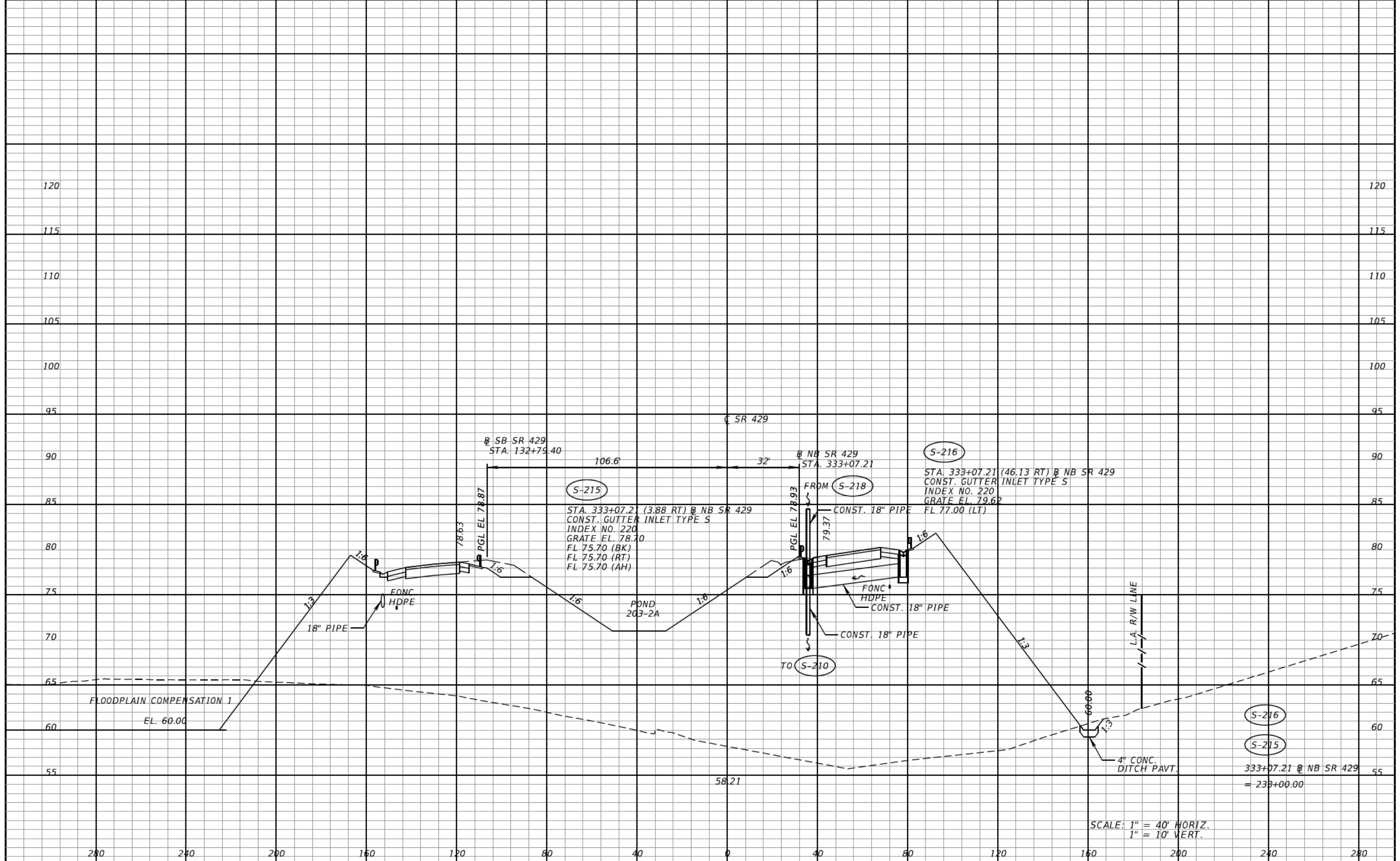
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
177



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

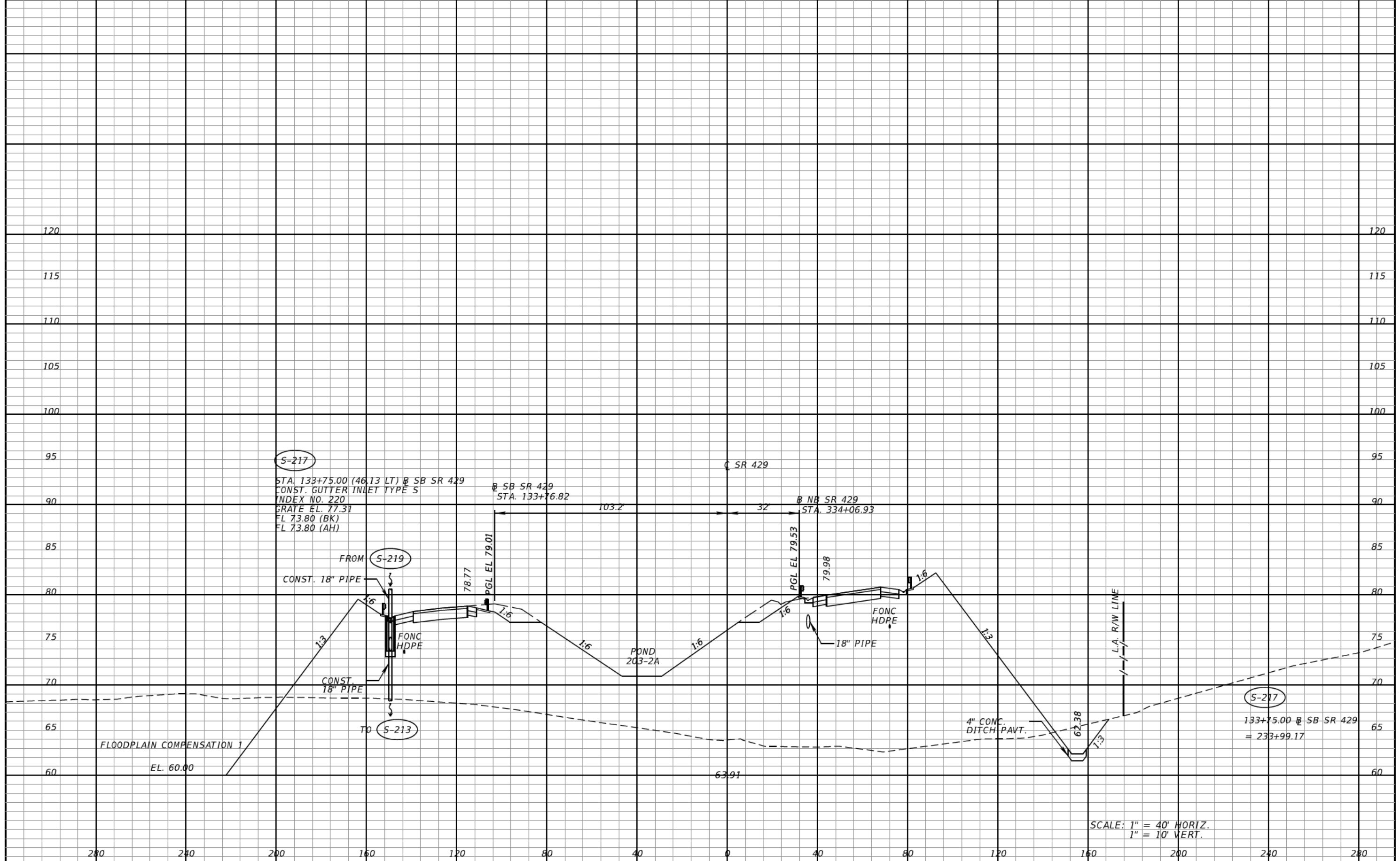
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
178



S-217

STA. 133+75.00 (46.13 LT) @ SB SR 429
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 77.31
 FL 73.80 (BK)
 FL 73.80 (AH)

@ SB SR 429
 STA. 133+76.82

@ SR 429

@ NB SR 429
 STA. 334+06.93

FROM S-219

CONST. 18" PIPE

78.77
 PGL EL 79.01

79.98
 PGL EL 79.53

FONC
 HDPE

18" PIPE

CONST.
 18" PIPE

TO S-213

POND
 203-2A

4" CONC.
 DITCH PAVT.

S-217

133+75.00 @ SB SR 429
 = 233+99.17

FLOODPLAIN COMPENSATION 1
 EL. 60.00

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

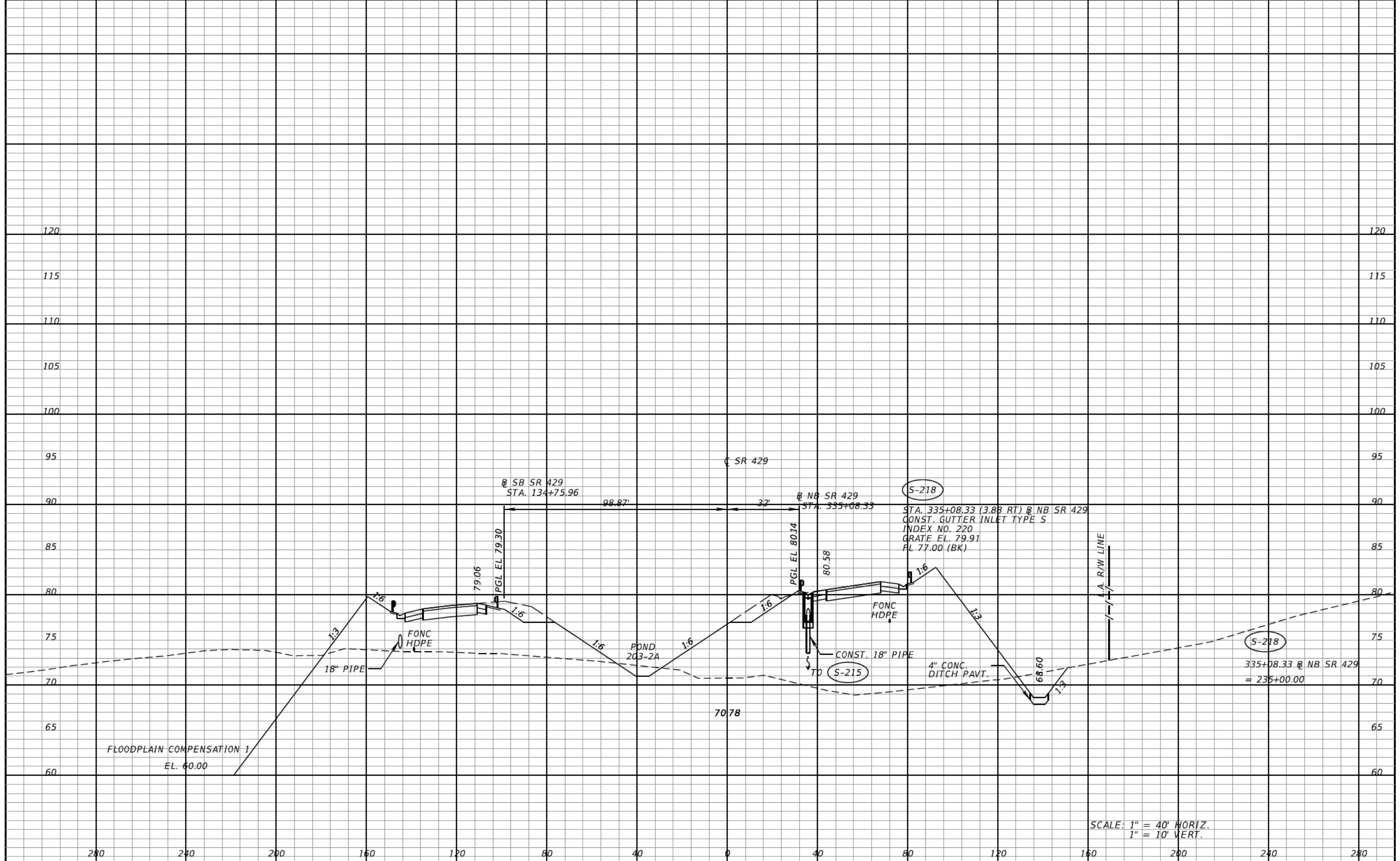
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



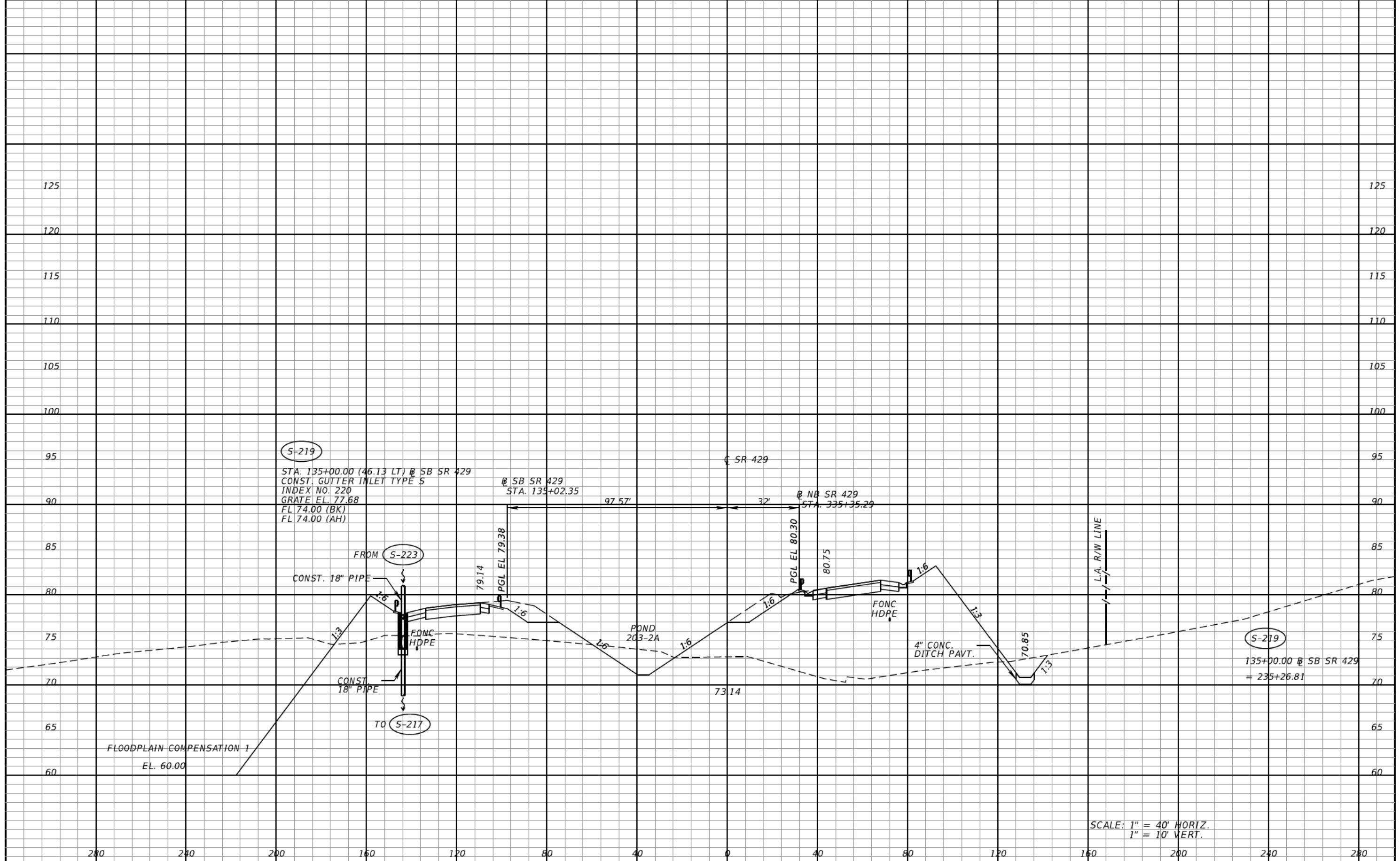
DRAINAGE STRUCTURES
 SR 429

SHEET
 NO.
 179



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS		REVISIONS		CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 1221	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	DRAINAGE STRUCTURES		SHEET NO. 180
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.		SR 429		
						SR 429	429-203	SR 429		



(S-219)
 STA. 135+00.00 (46.13 LT) @ SB SR 429
 CONST. GUTTER INLET TYPE 5
 INDEX NO. 220
 GRATE EL. 77.68
 FL 74.00 (BK)
 FL 74.00 (AH)

@ SB SR 429
 STA. 135+02.35

@ SR 429

@ NB SR 429
 STA. 135+35.29

(S-219)
 135+00.00 @ SB SR 429
 = 235+26.81

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

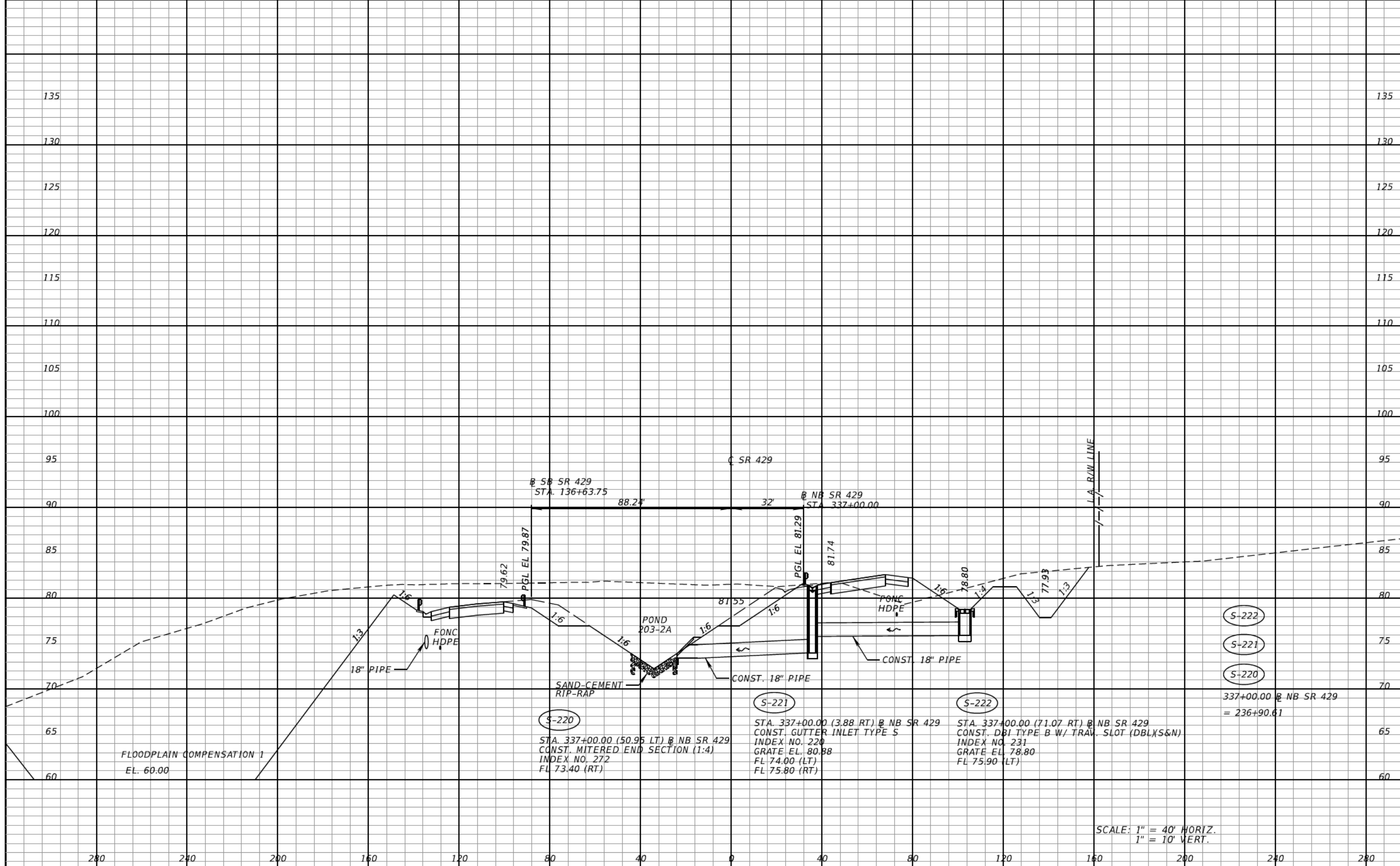
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
181



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

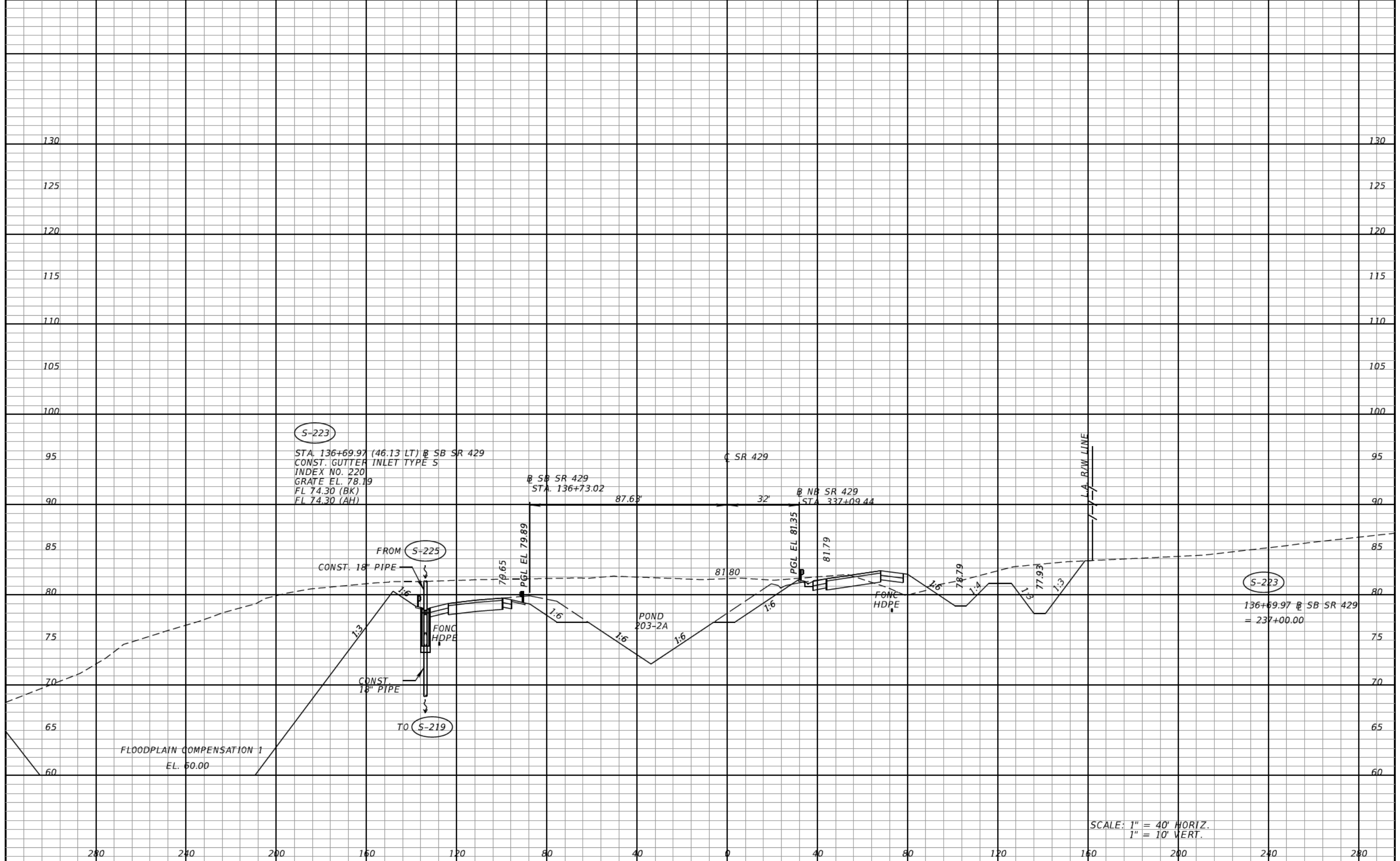
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
182



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

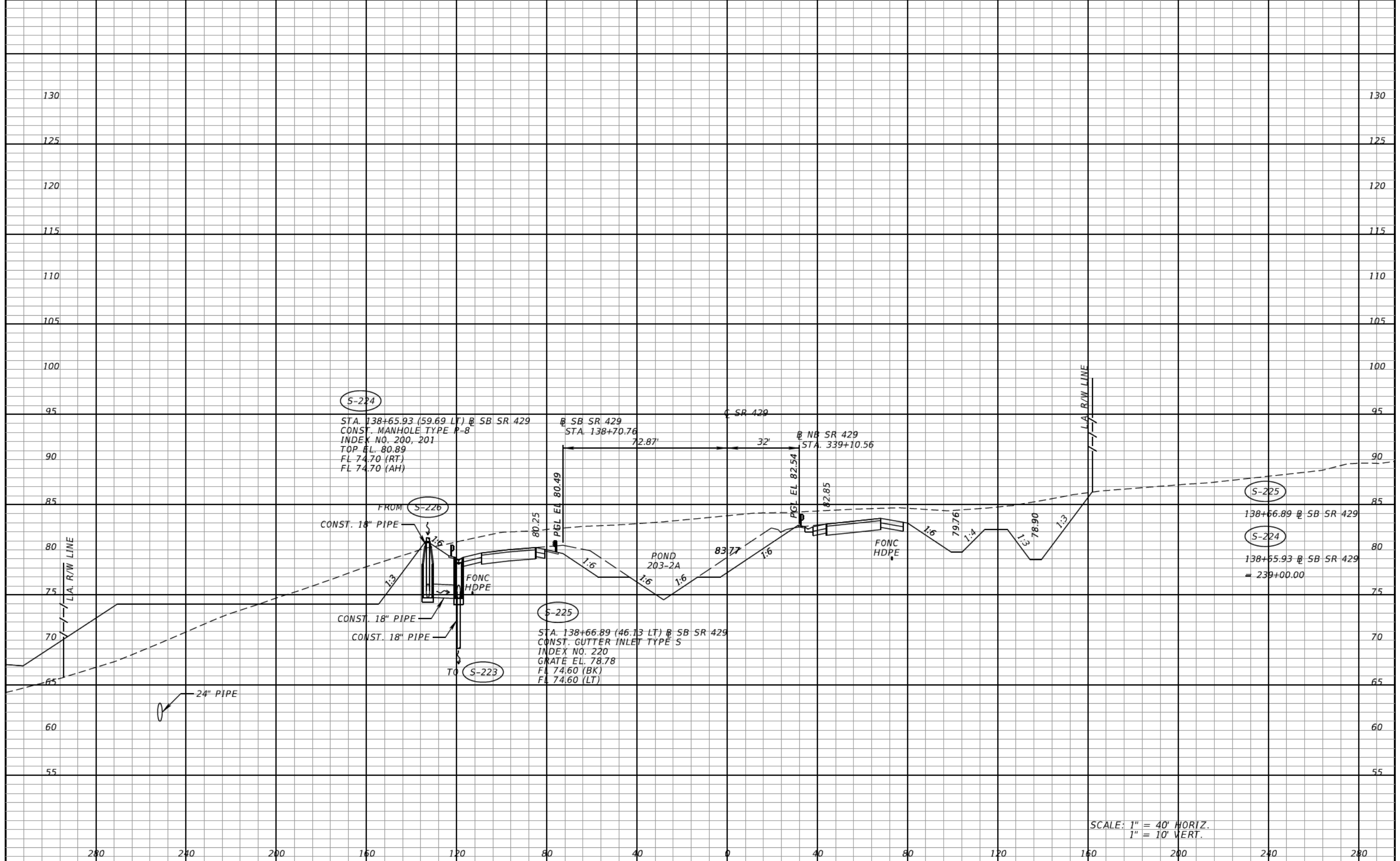
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
183



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

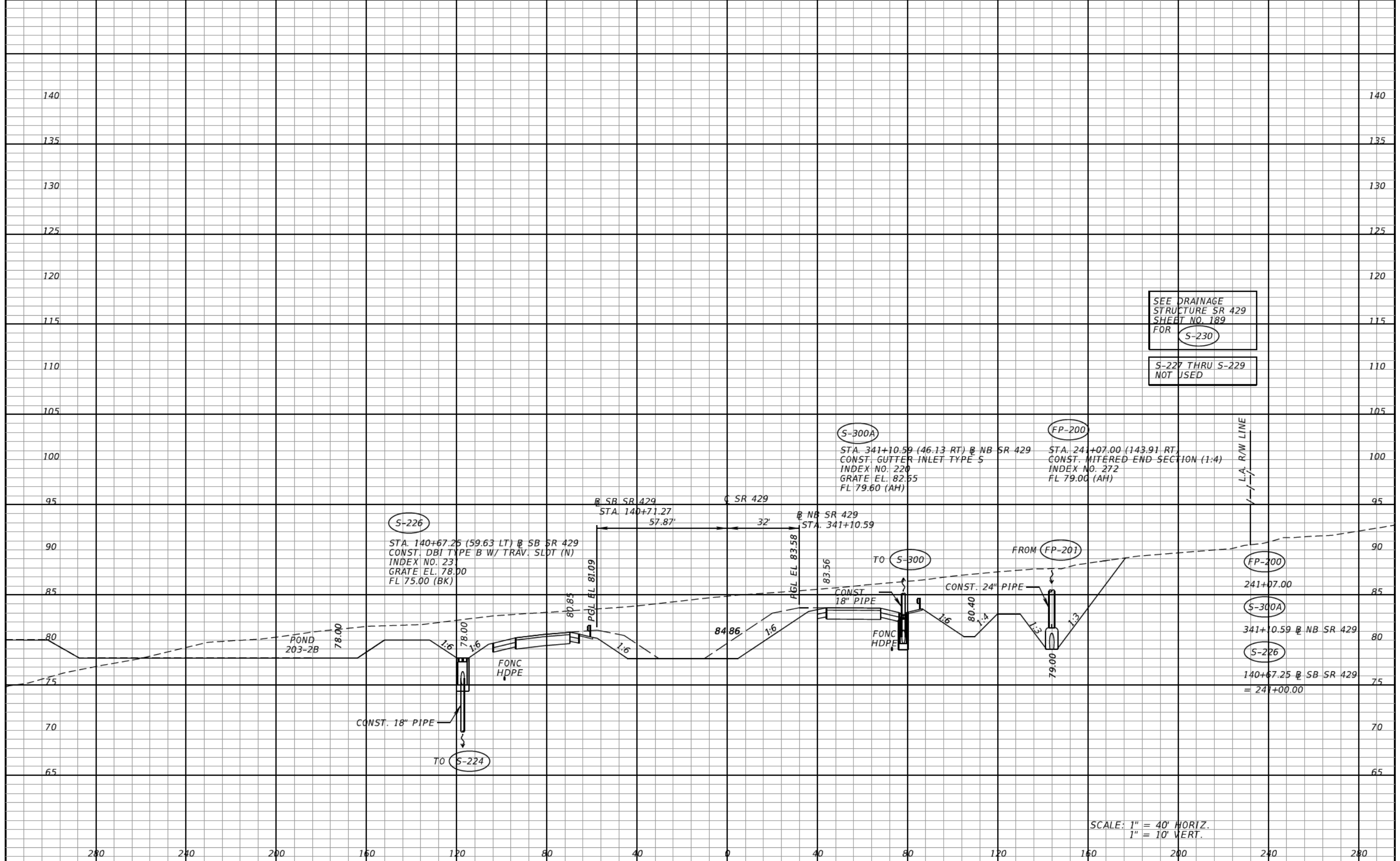
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
184



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

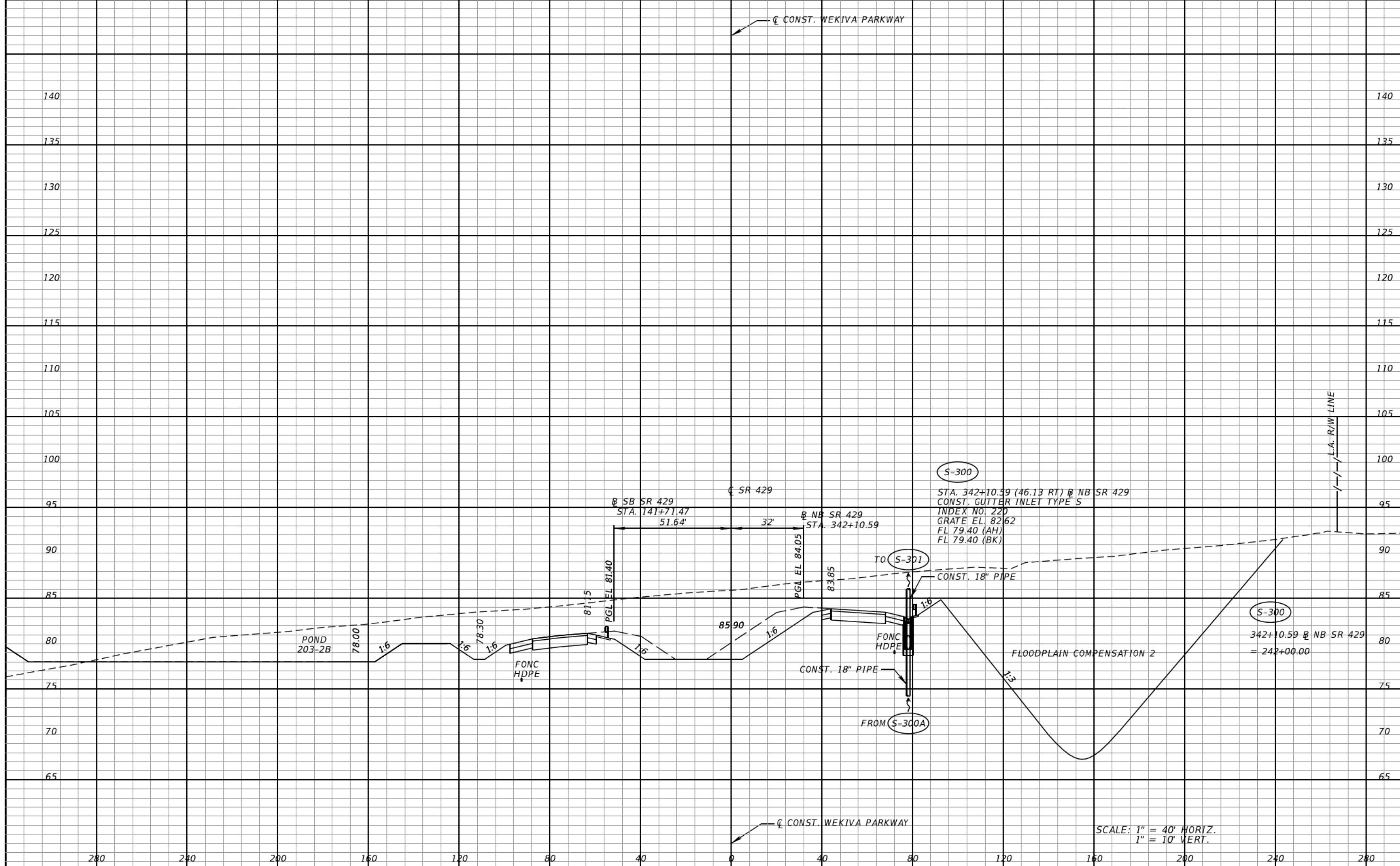
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
185



REVISIONS	
DATE	DESCRIPTION

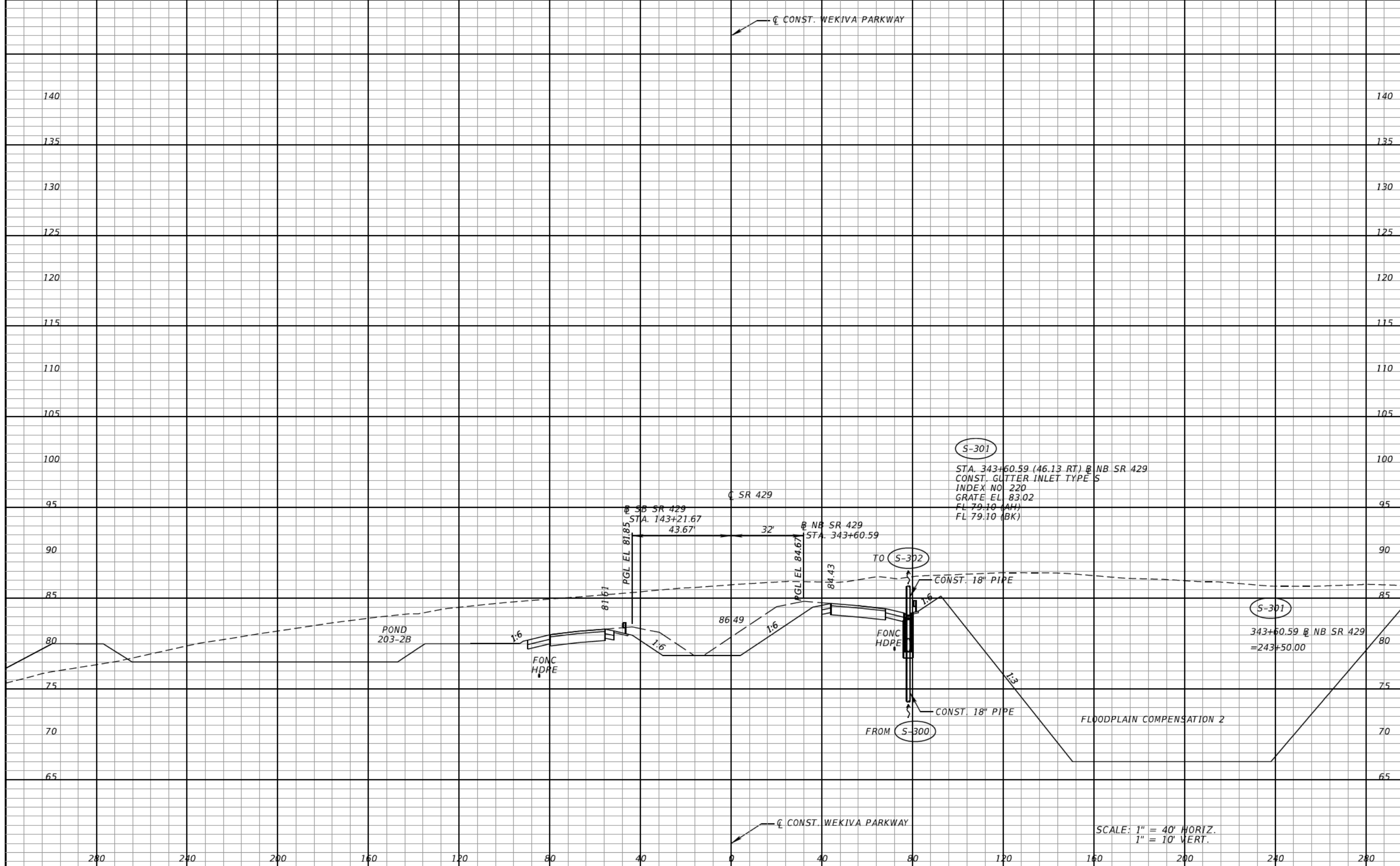
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
186



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

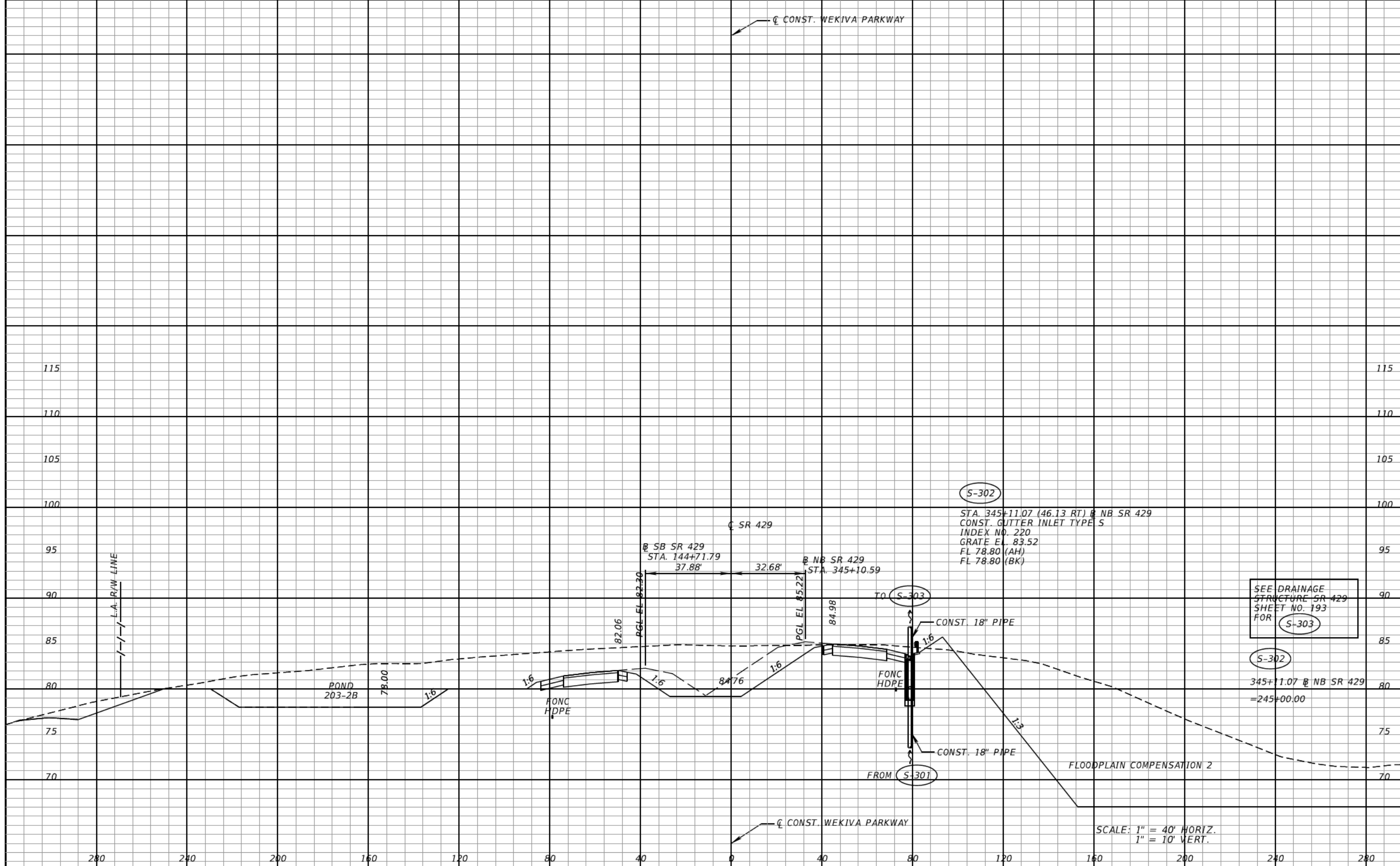
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
187



S-302
 STA. 345+11.07 (46.13 RT) @ NB SR 429
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 83.52
 FL 78.80 (AH)
 FL 78.80 (BK)

SEE DRAINAGE
 STRUCTURE SR 429
 SHEET NO. 193
 FOR S-303

S-302
 345+11.07 @ NB SR 429
 =245+00.00

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

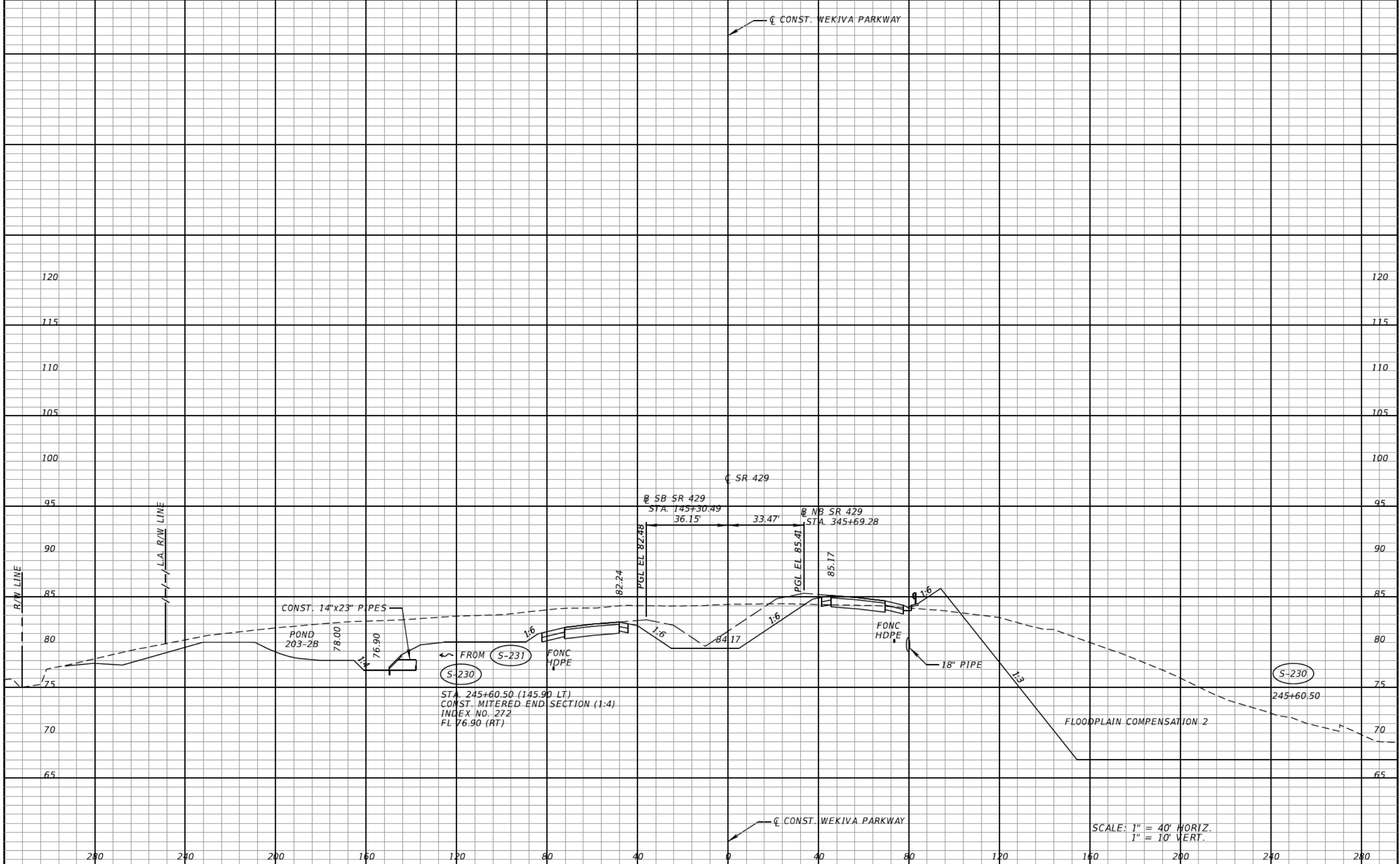
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
188



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

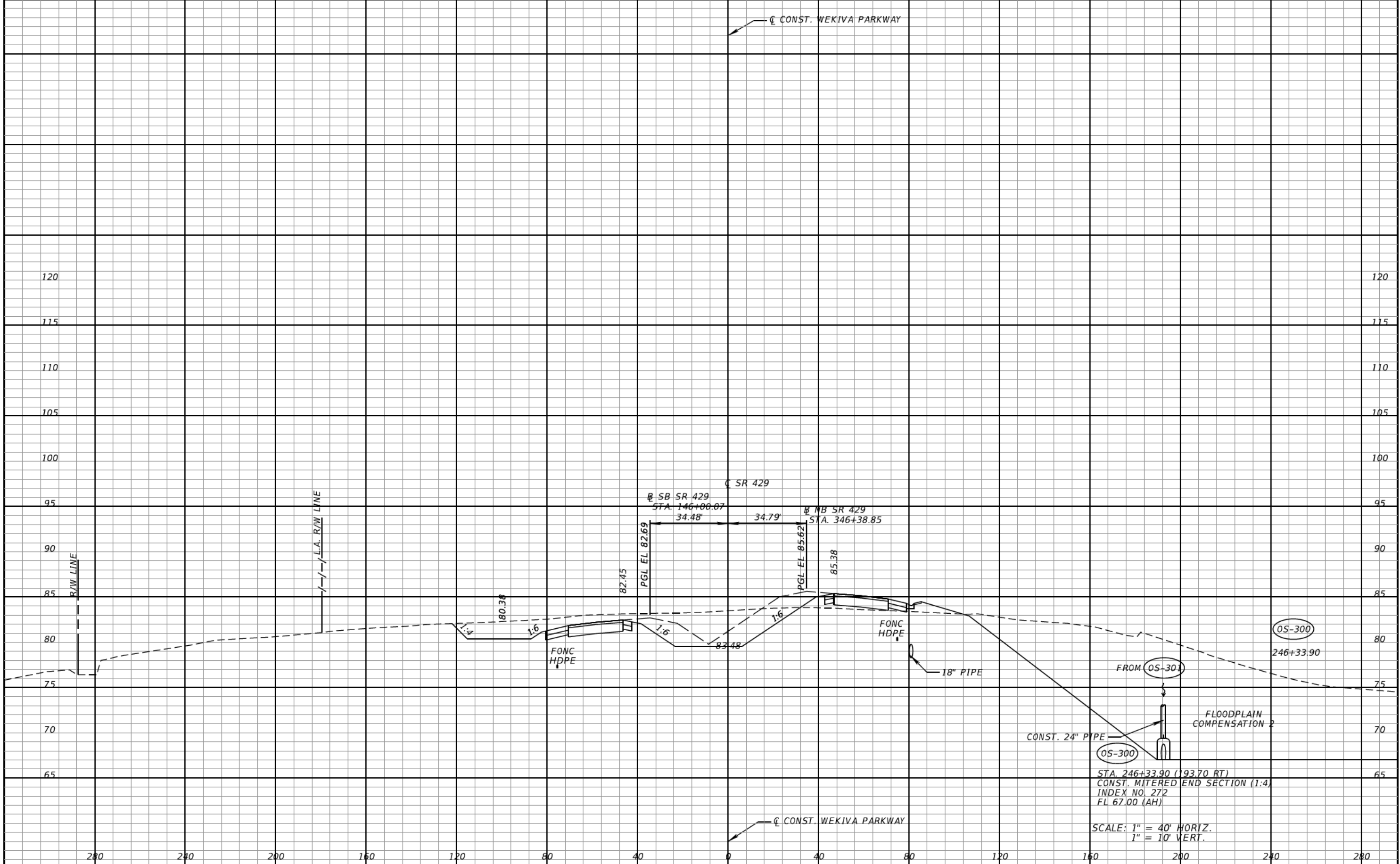
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
189



REVISIONS	
DATE	DESCRIPTION

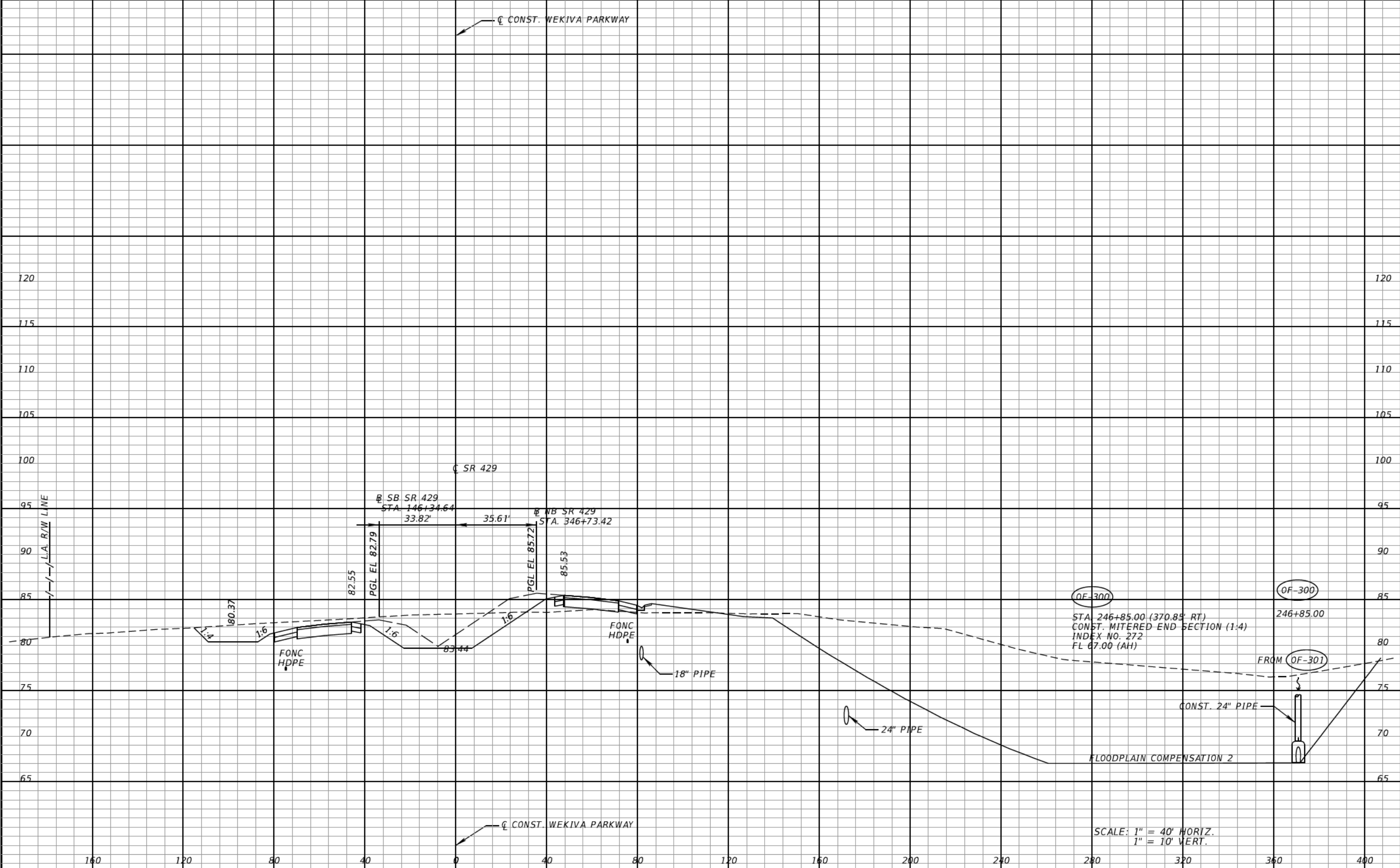
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO. 190



OF-300
 STA. 246+85.00 (370.85' RT.)
 CONST. MITERED END SECTION (1:4)
 INDEX NO. 272
 FL 67.00 (AH)

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

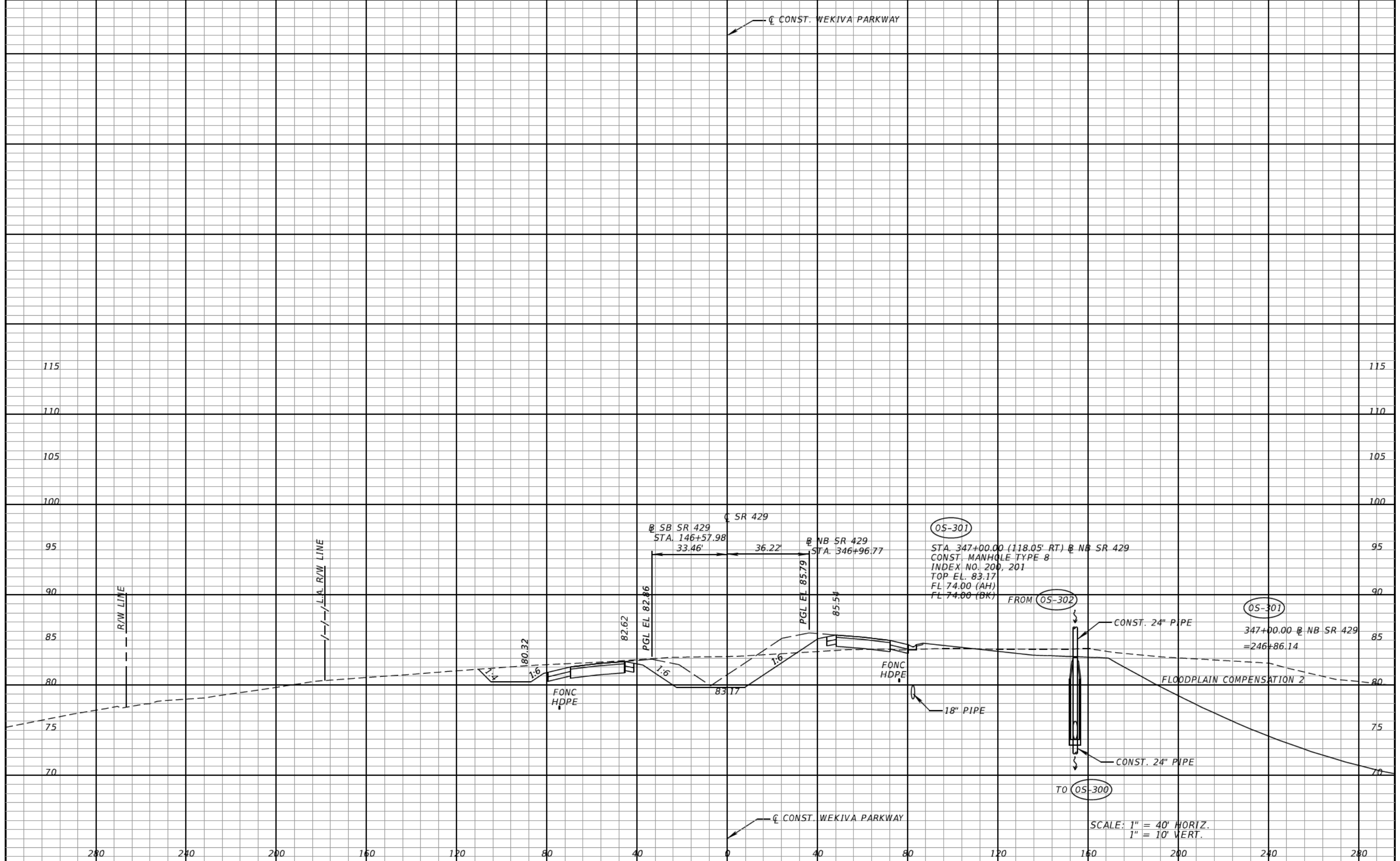
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
191



REVISIONS	
DATE	DESCRIPTION

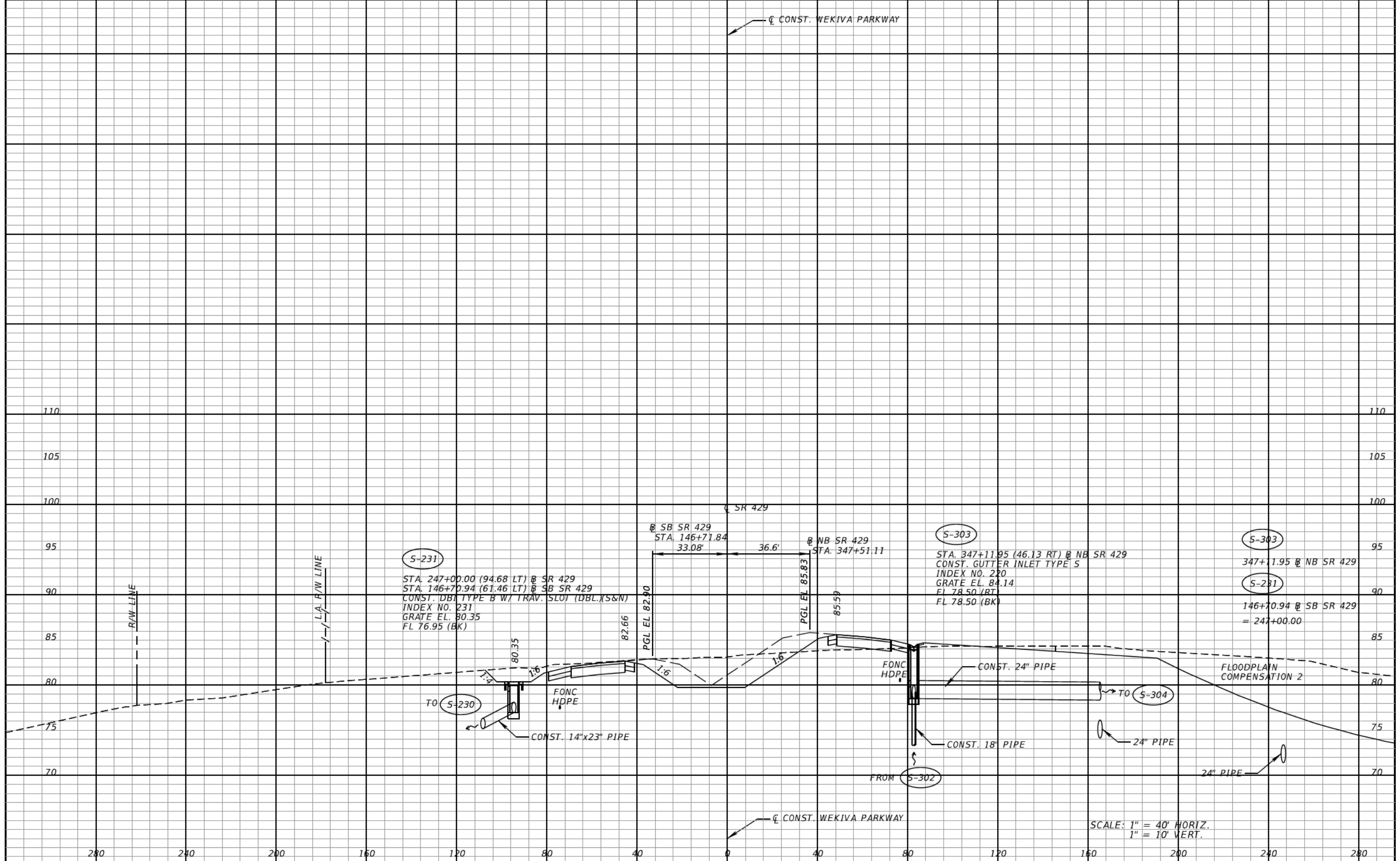
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO. 192



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

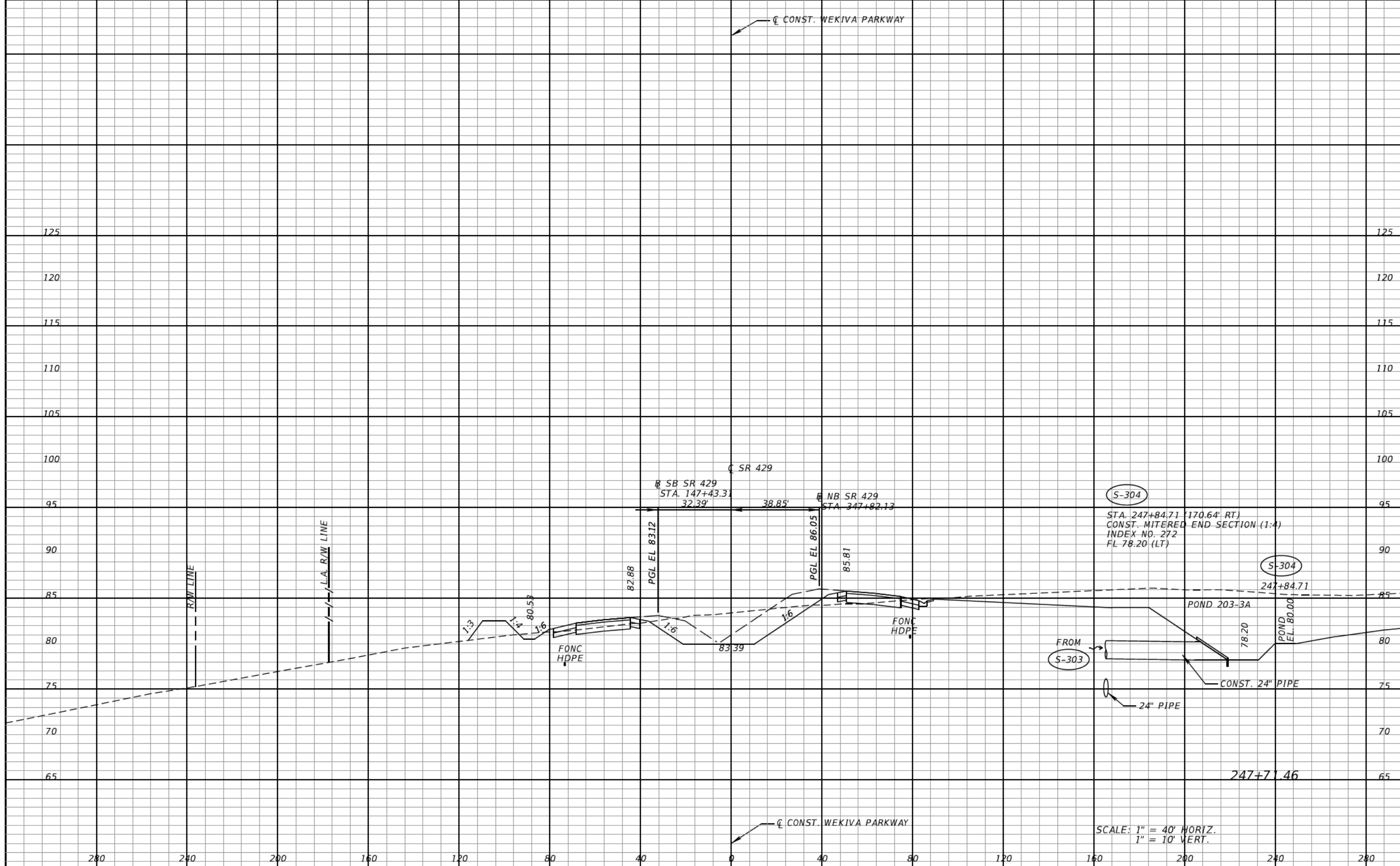
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
193



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

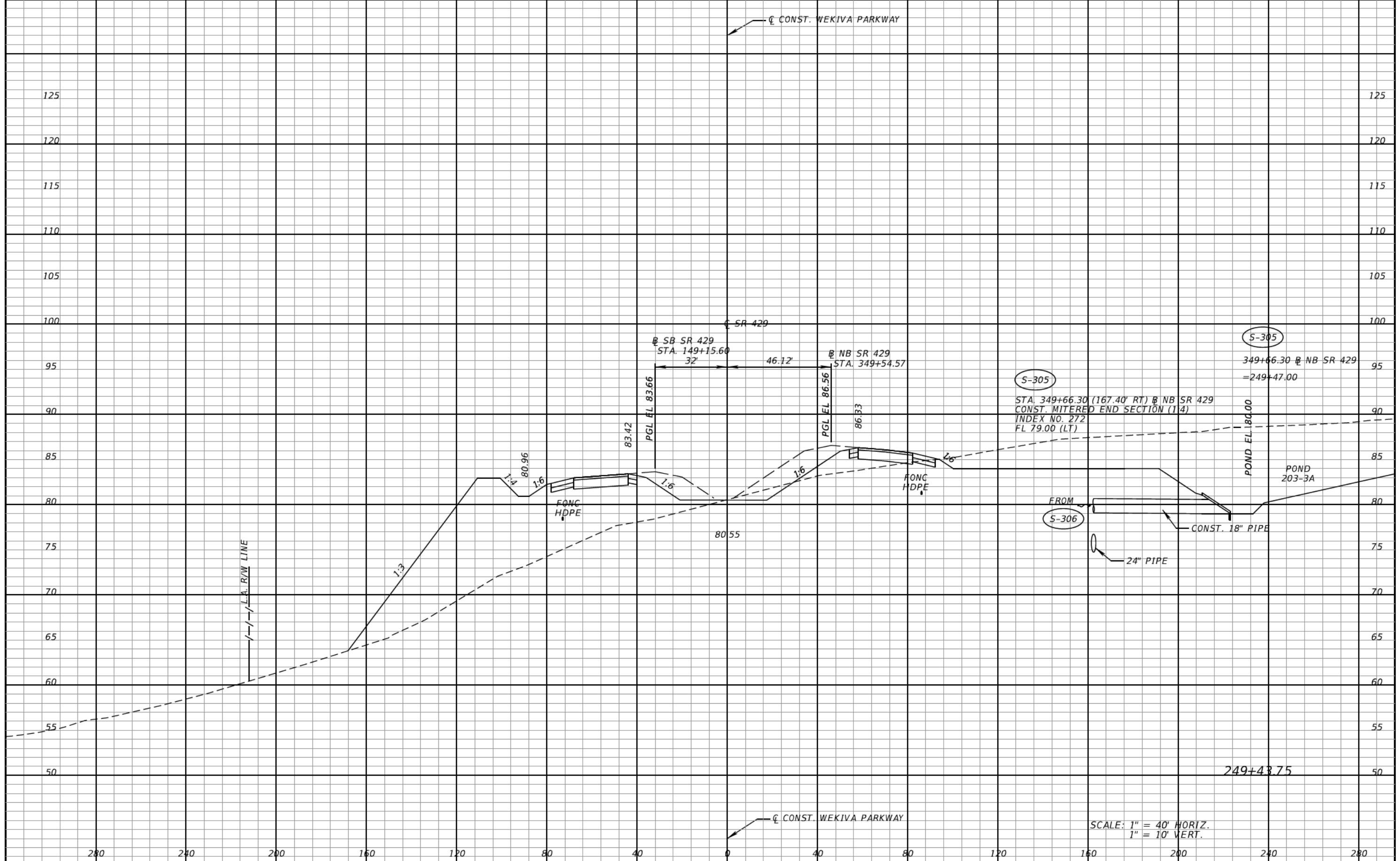
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
194



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

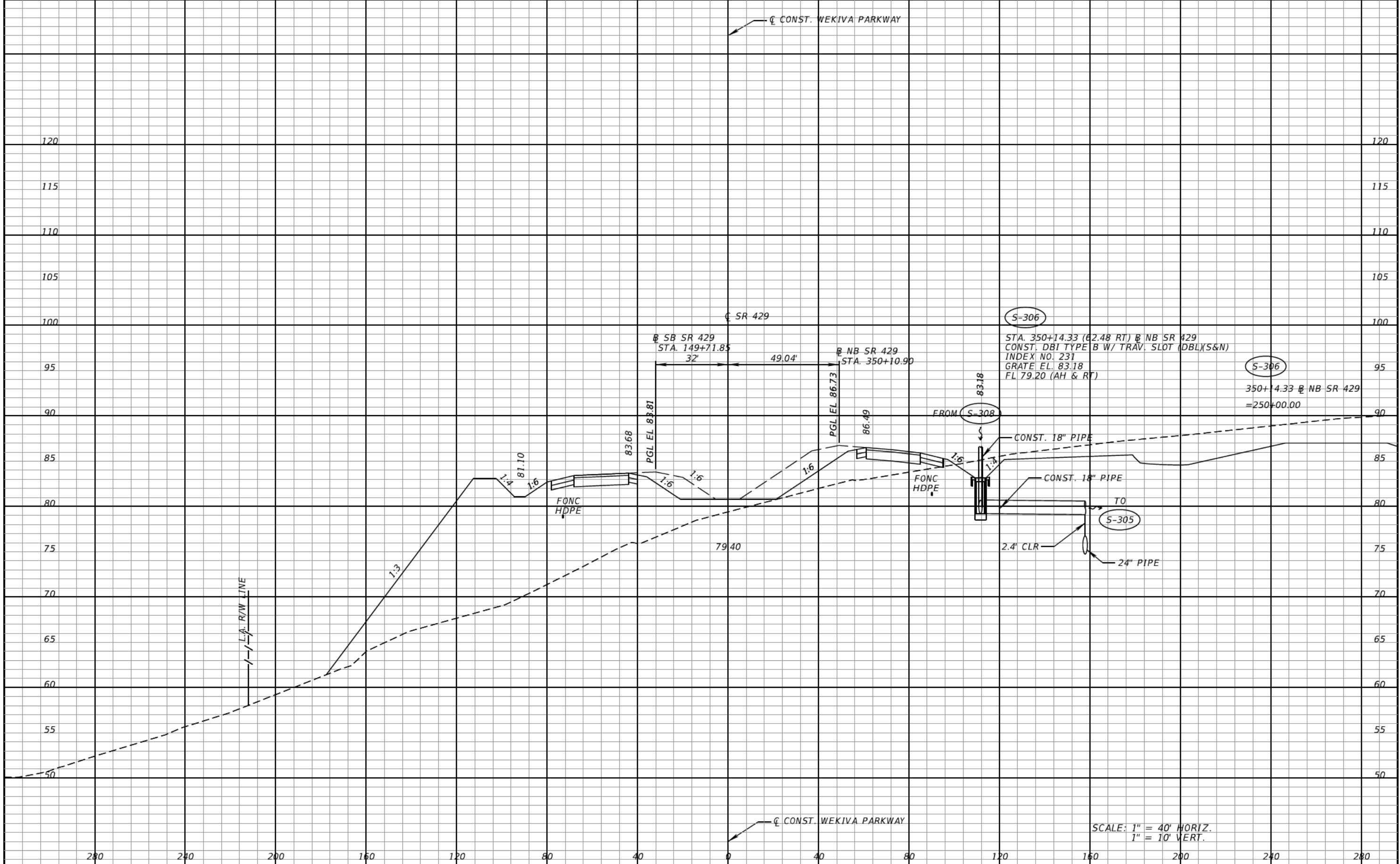
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



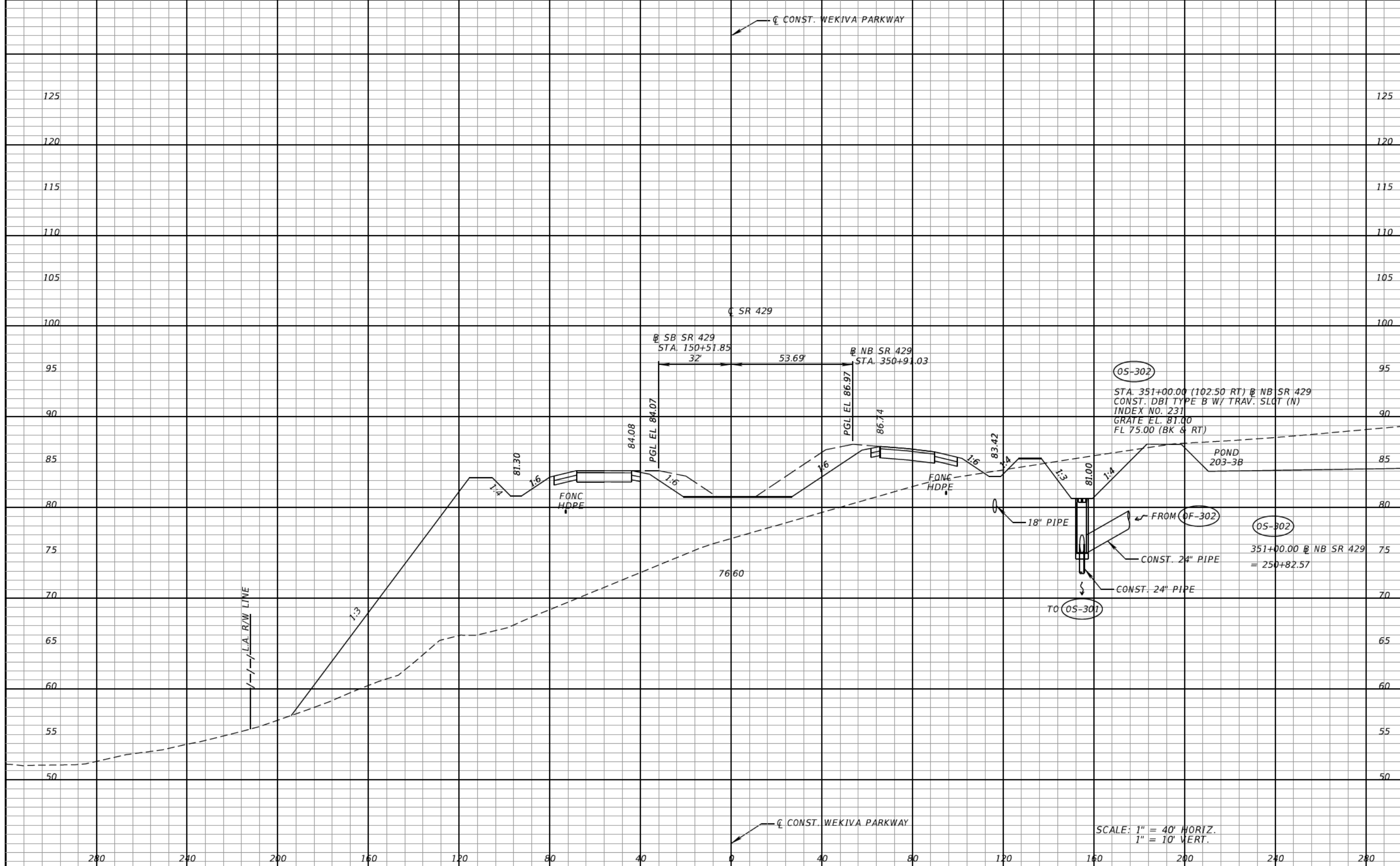
DRAINAGE STRUCTURES
SR 429

SHEET NO.
195



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS				CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 1221	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	DRAINAGE STRUCTURES		SHEET NO. 196
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.		SR 429		
					SR 429	429-203		SR 429		



05-302
 STA. 351+00.00 (102.50 RT) @ NB SR 429
 CONST. DBI TYPE B W/ TRAV. SLOT (N)
 INDEX NO. 231
 GRATE EL. 81.00
 FL 75.00 (BK & RT)

05-302
 351+00.00 @ NB SR 429
 = 250+82.57

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

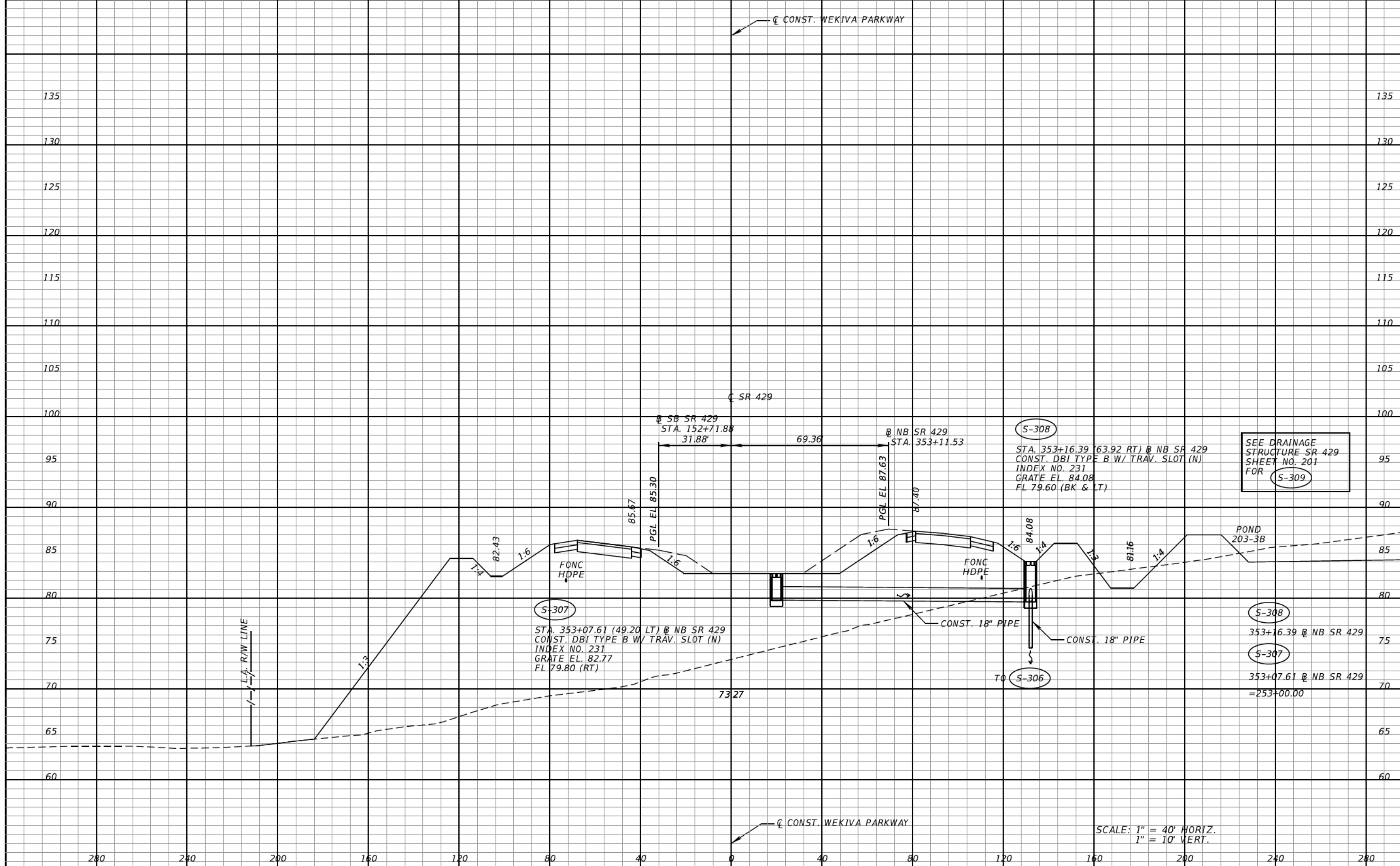
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
 197



SEE DRAINAGE
STRUCTURE SR 429
SHEET NO. 201
FOR S-309

S-308
STA. 353+16.39 (63.92 RT) @ NB SR 429
CONST. DBI TYPE B W/ TRAV. SLOT (N)
INDEX NO. 231
GRATE EL. 84.08
FL 79.60 (BK & LT)

S-307
STA. 353+07.61 (49.20 LT) @ NB SR 429
CONST. DBI TYPE B W/ TRAV. SLOT (N)
INDEX NO. 231
GRATE EL. 82.77
FL 79.80 (RT)

S-308
353+16.39 @ NB SR 429
S-307
353+07.61 @ NB SR 429
=253+00.00

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

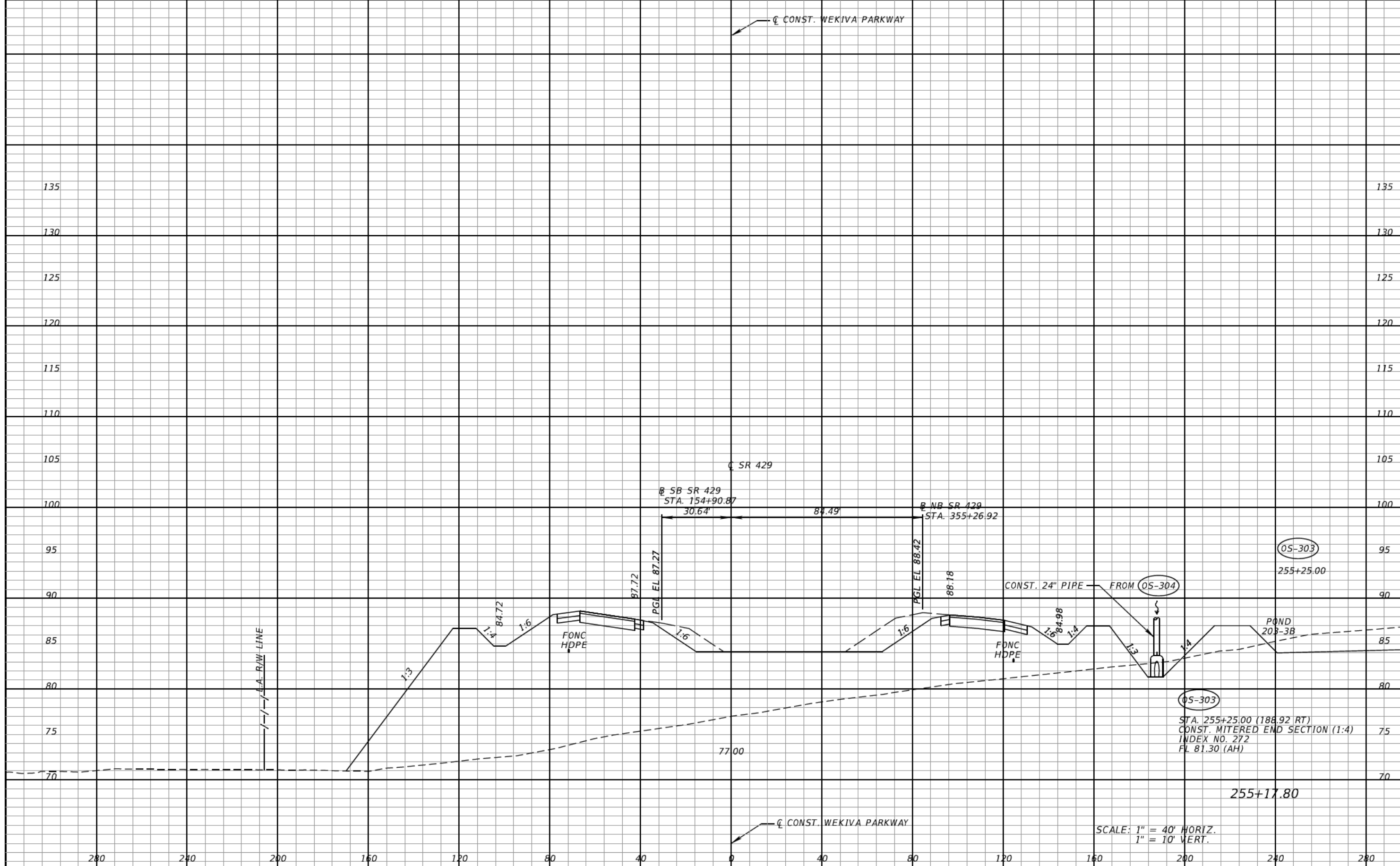
**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



**DRAINAGE STRUCTURES
SR 429**

SHEET
NO.
198



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

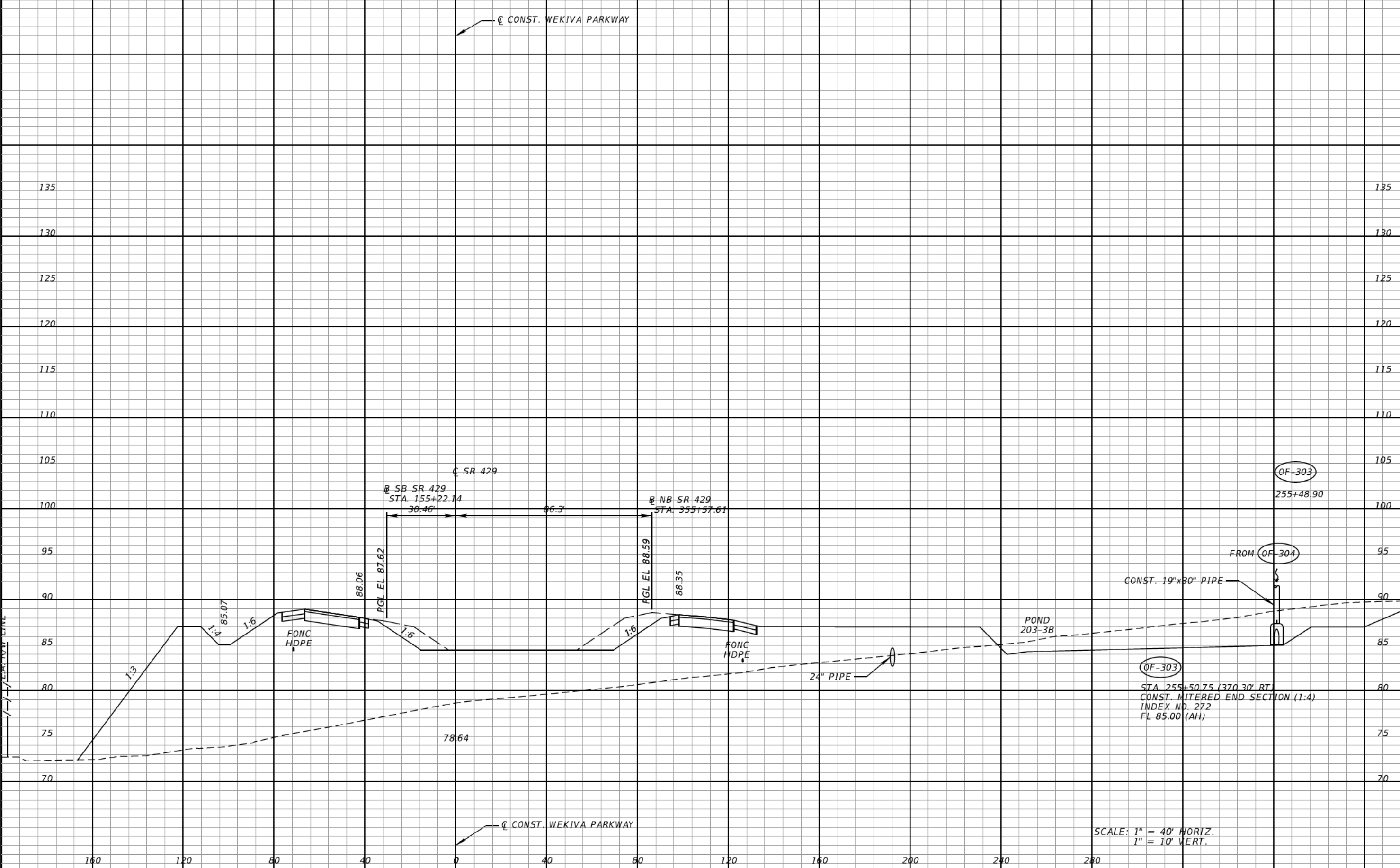
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
199



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

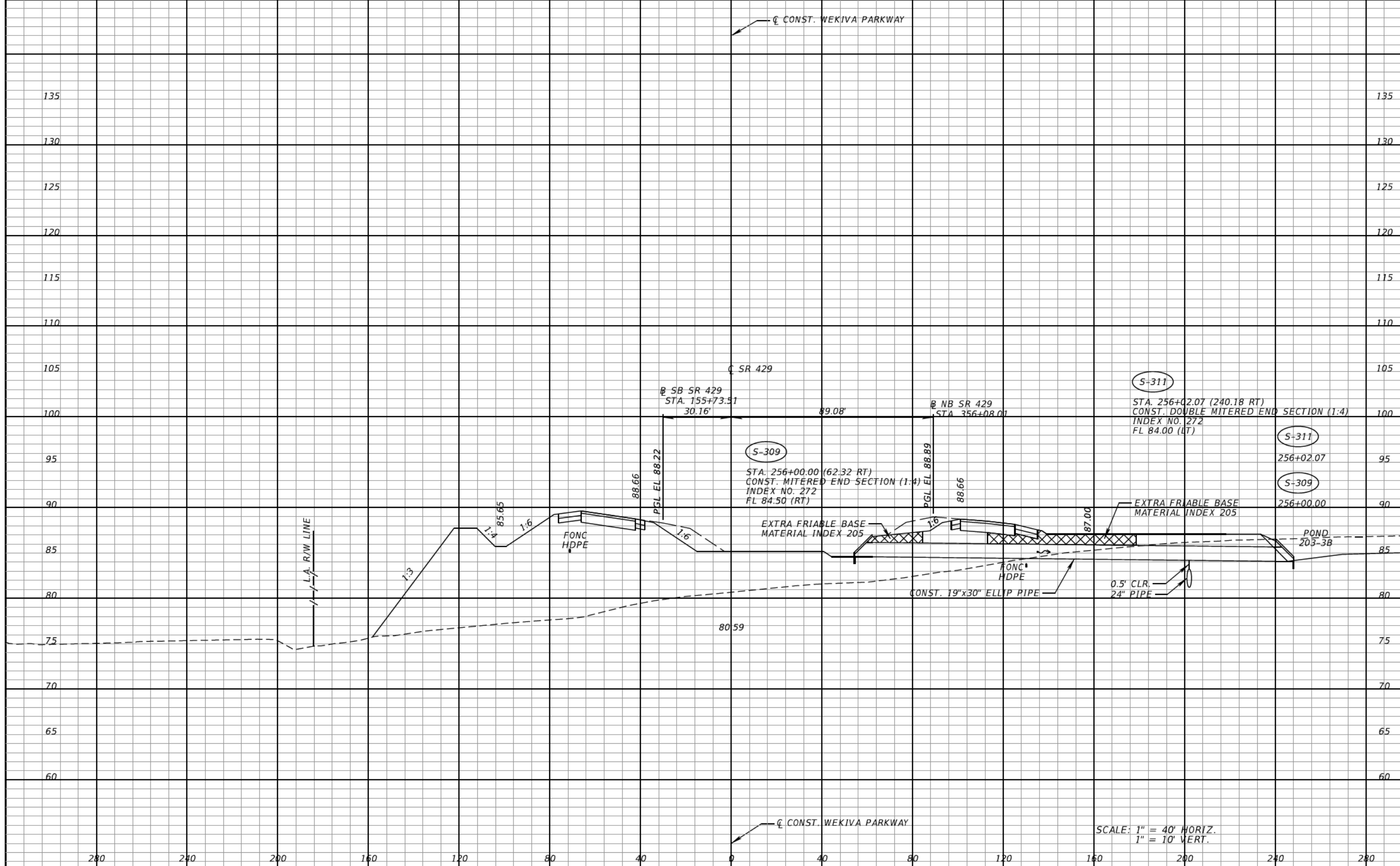
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
200



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

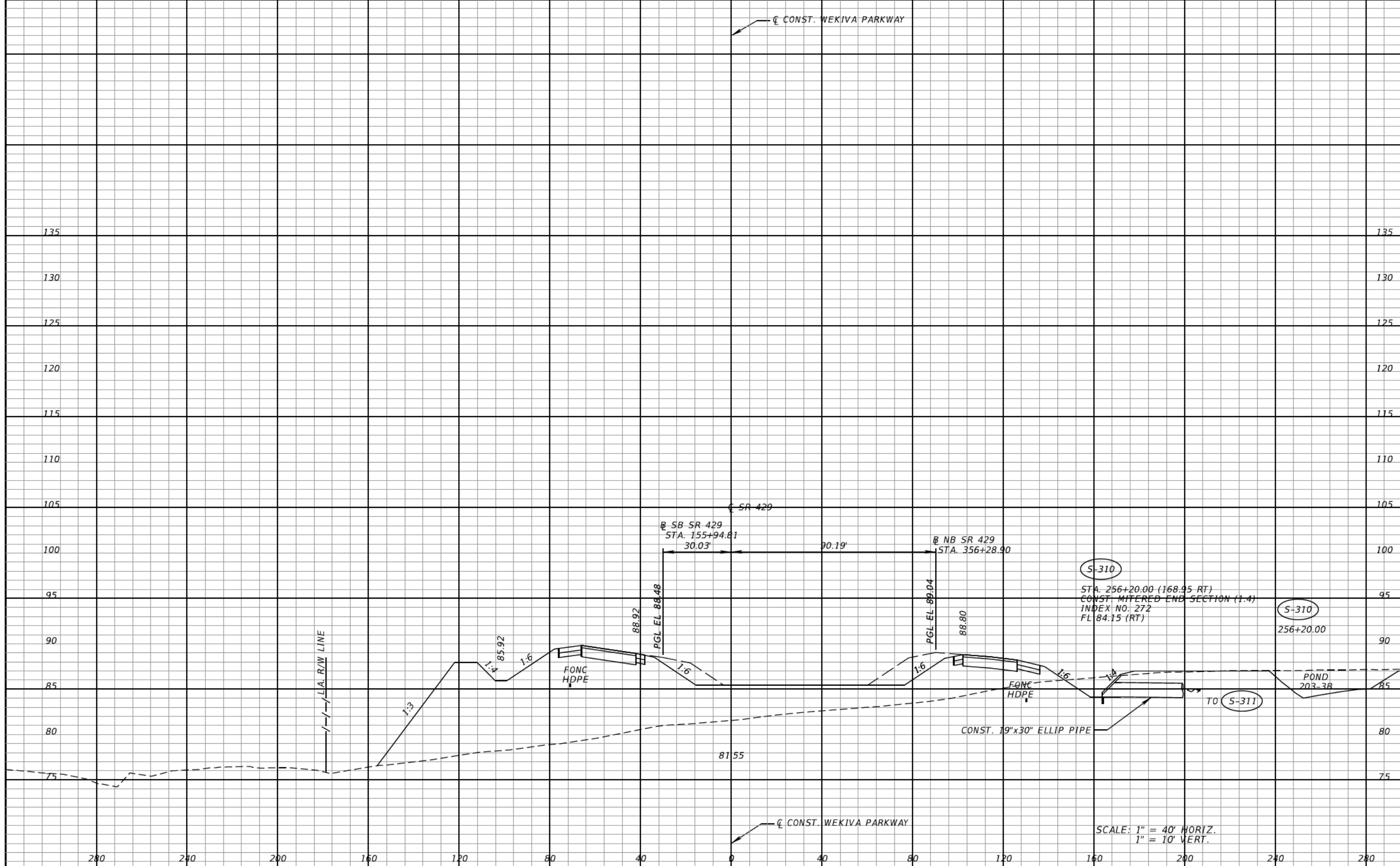
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
201



S-310
 STA. 256+20.00 (168.95 RT)
 CONST. MITERED END SECTION (1.4)
 INDEX NO. 272
 FL 84.15 (RT)

S-310
 256+20.00

TO S-311

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

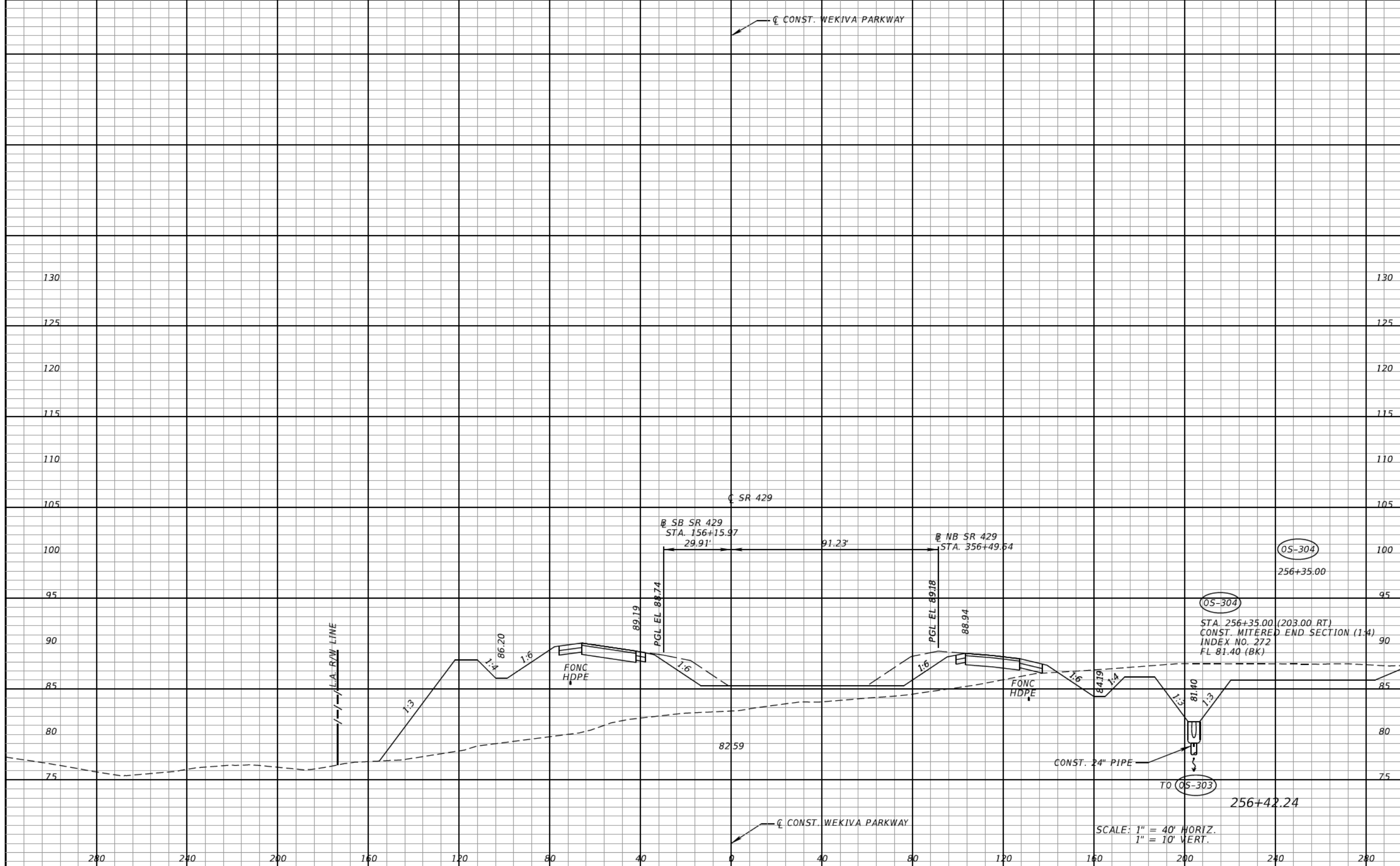
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
202



REVISIONS	
DATE	DESCRIPTION

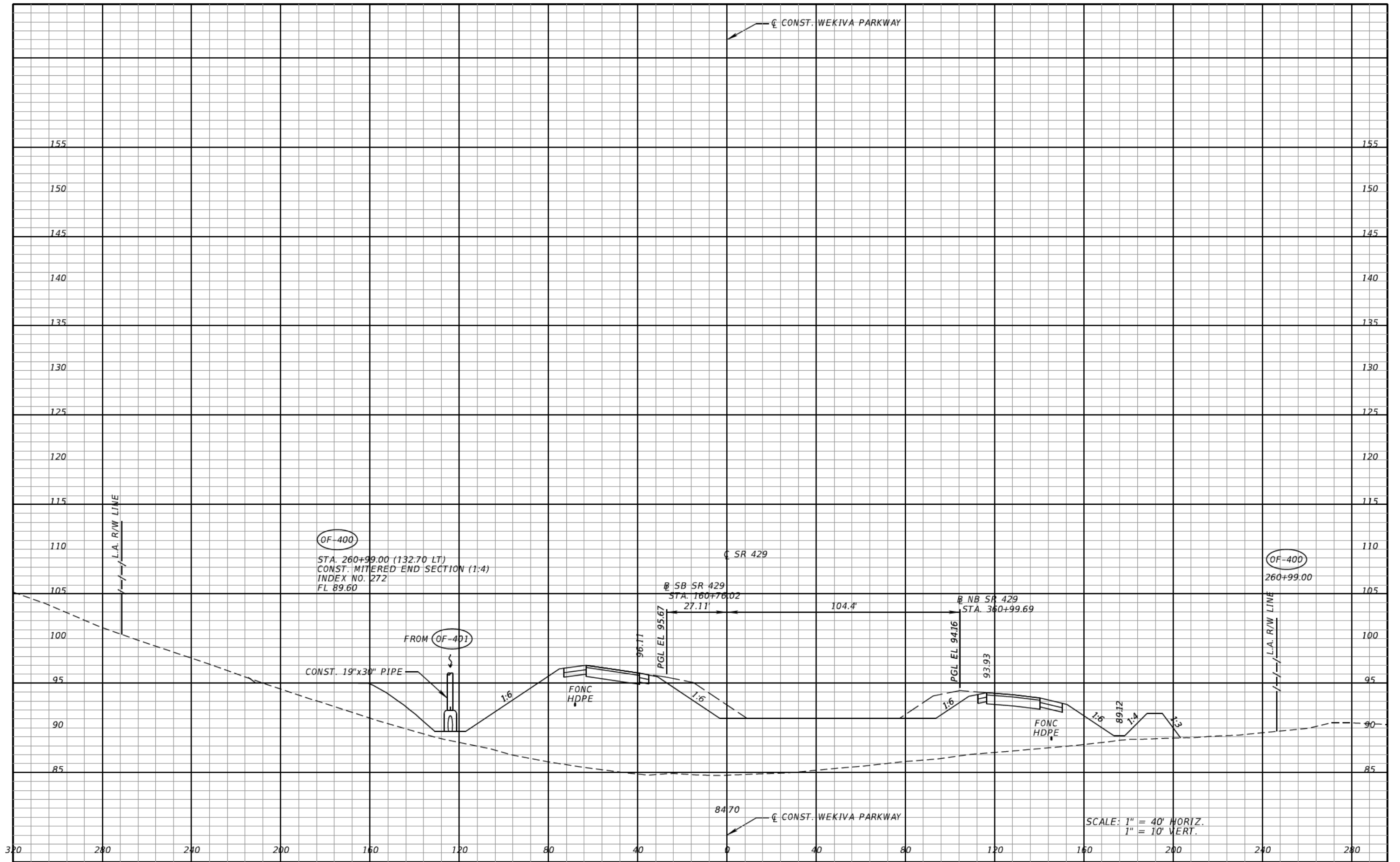
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
203



OF-400
 STA. 260+99.00 (132.70 LT)
 CONST. MITERED END SECTION (1:4)
 INDEX NO. 272
 FL 89.60

OF-400
 260+99.00

CONST. 19"x30" PIPE
 FROM OF-401

FONC HDPE

FONC HDPE

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

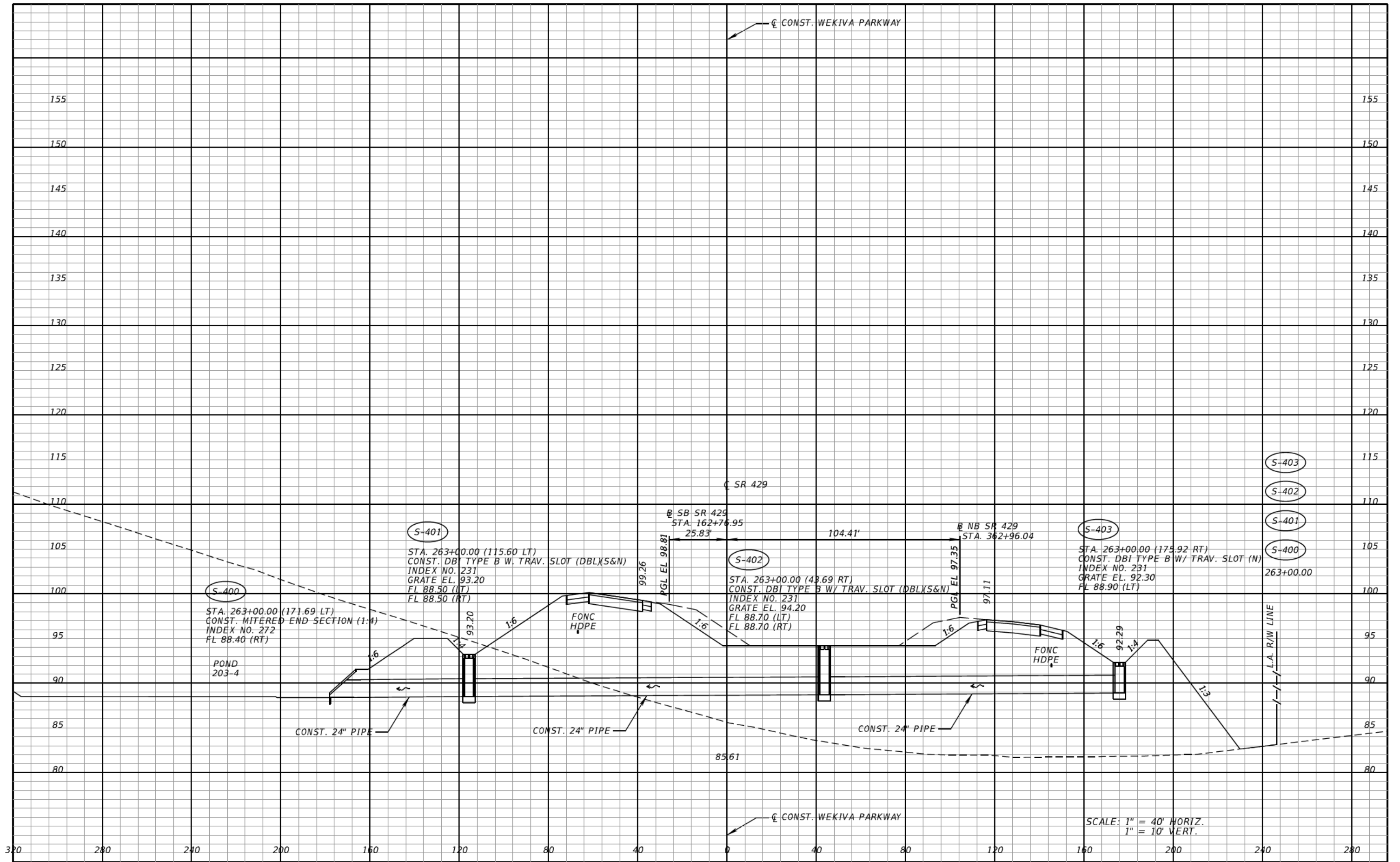
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
204



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

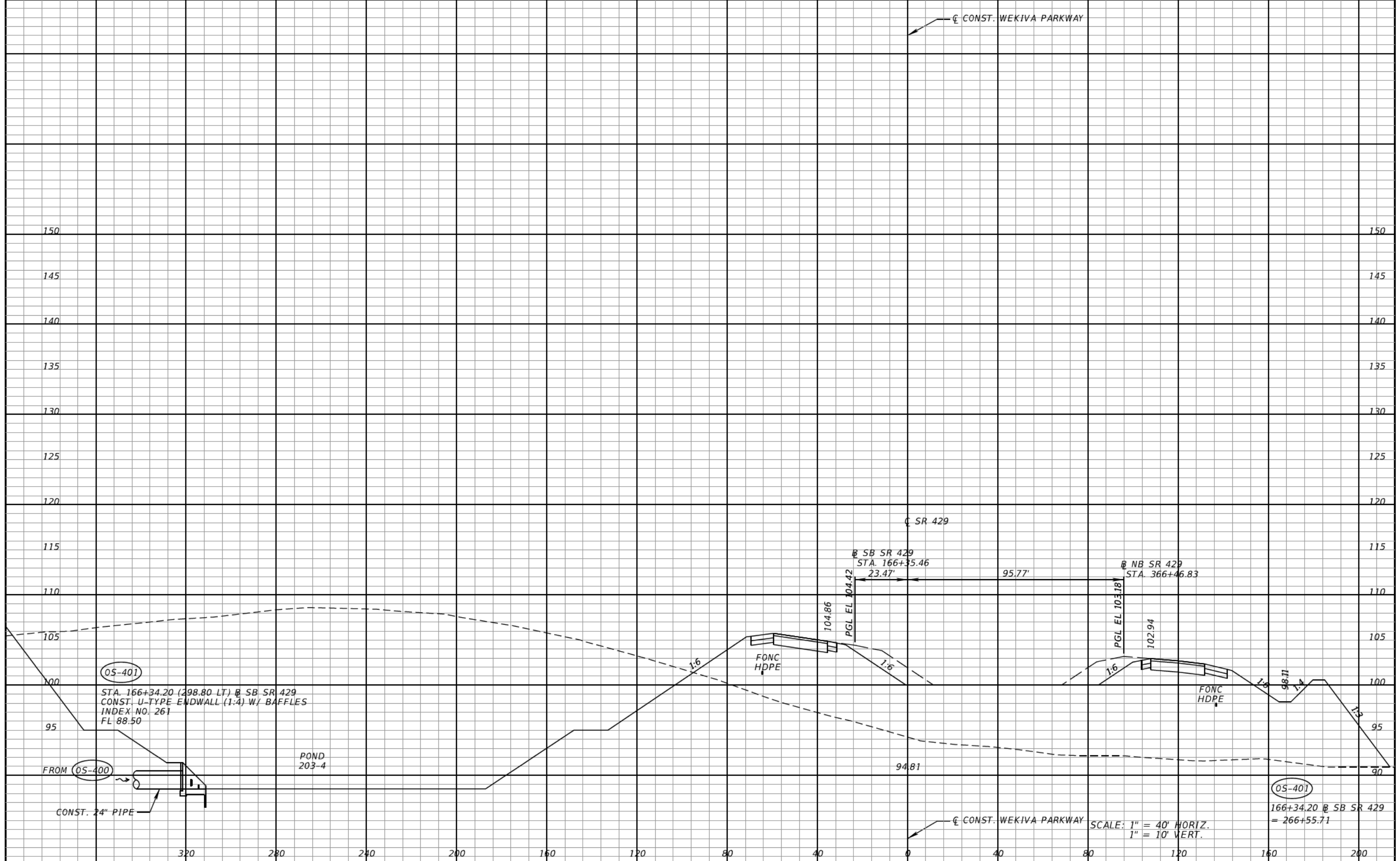
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
205



REVISIONS	
DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

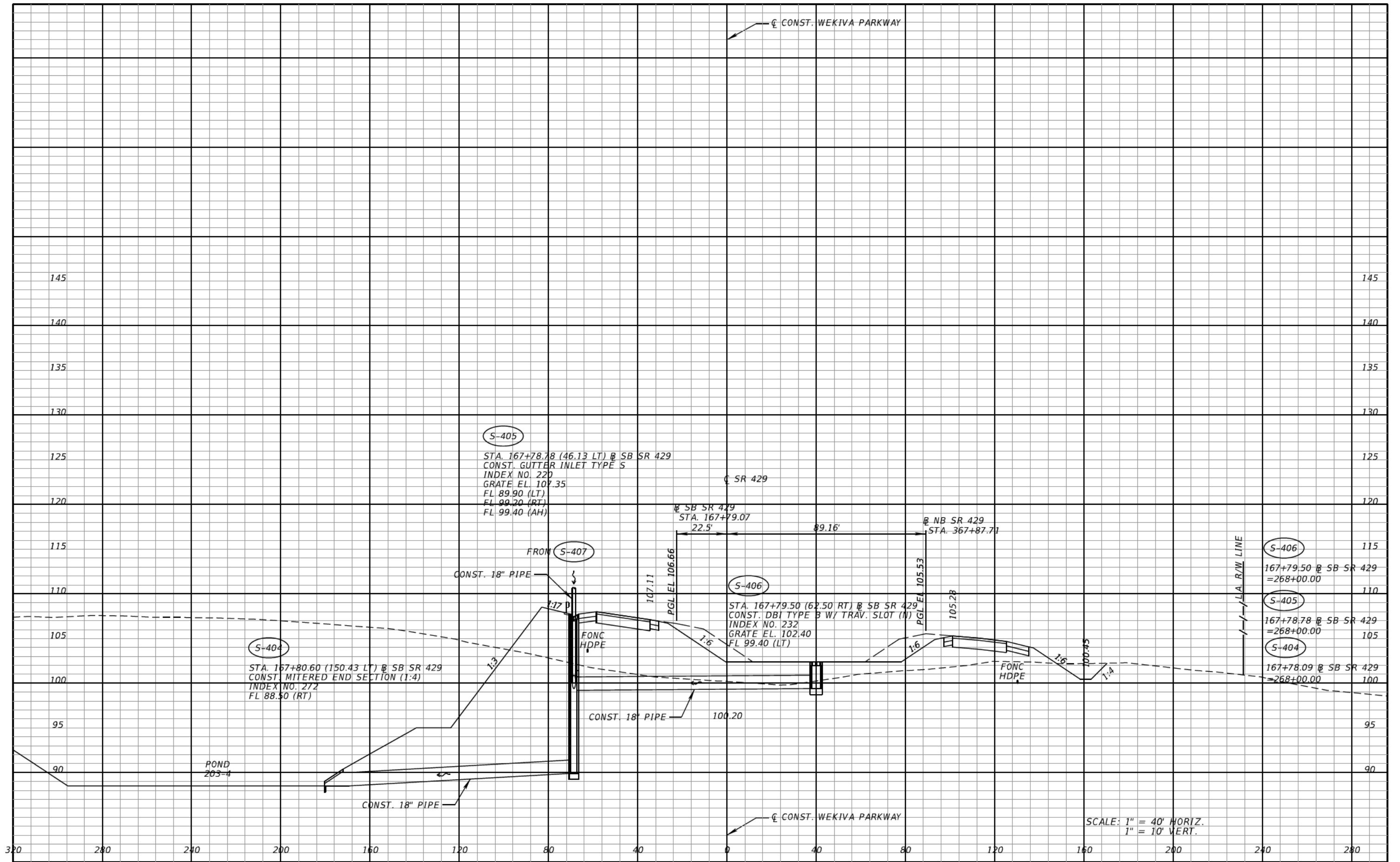
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
206



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

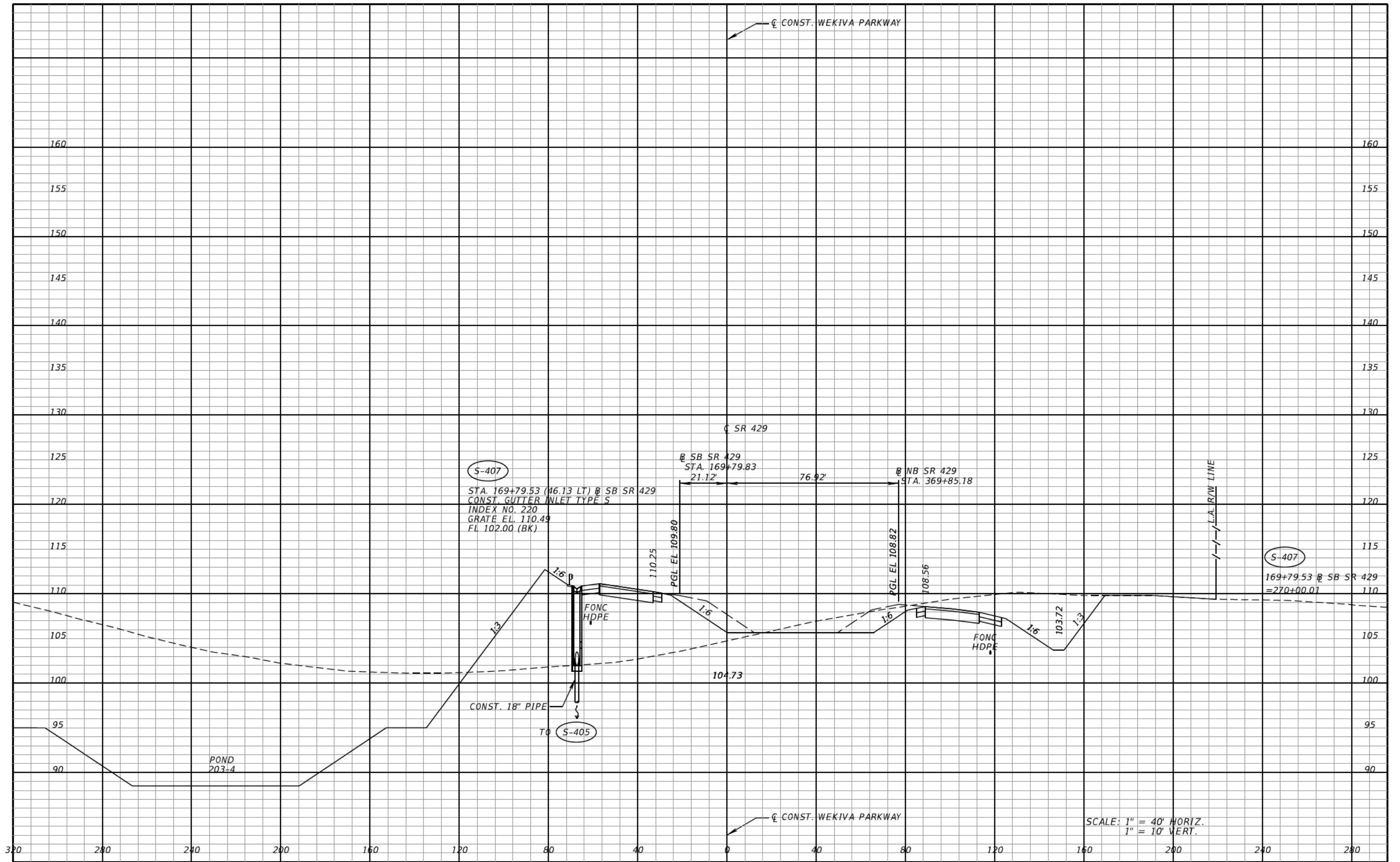
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO. 207



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

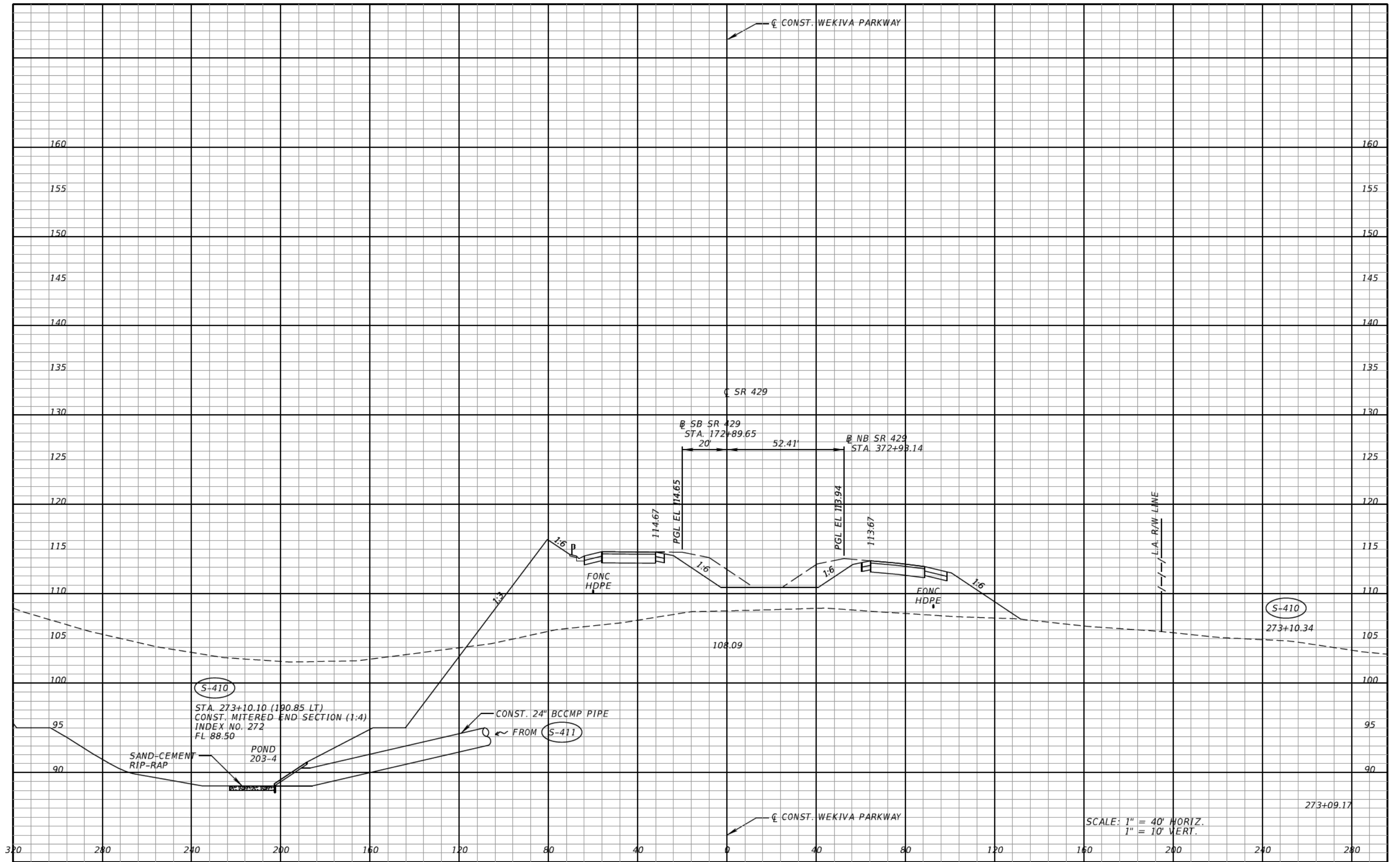
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
208



S-410
 STA. 273+10.10 (190.85 LT)
 CONST. MITERED END SECTION (1:4)
 INDEX NO. 272
 FL 88.50

SAND-CEMENT
 RIP-RAP
 POND
 203-4

CONST. 24" BCCMP PIPE
 FROM S-411

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

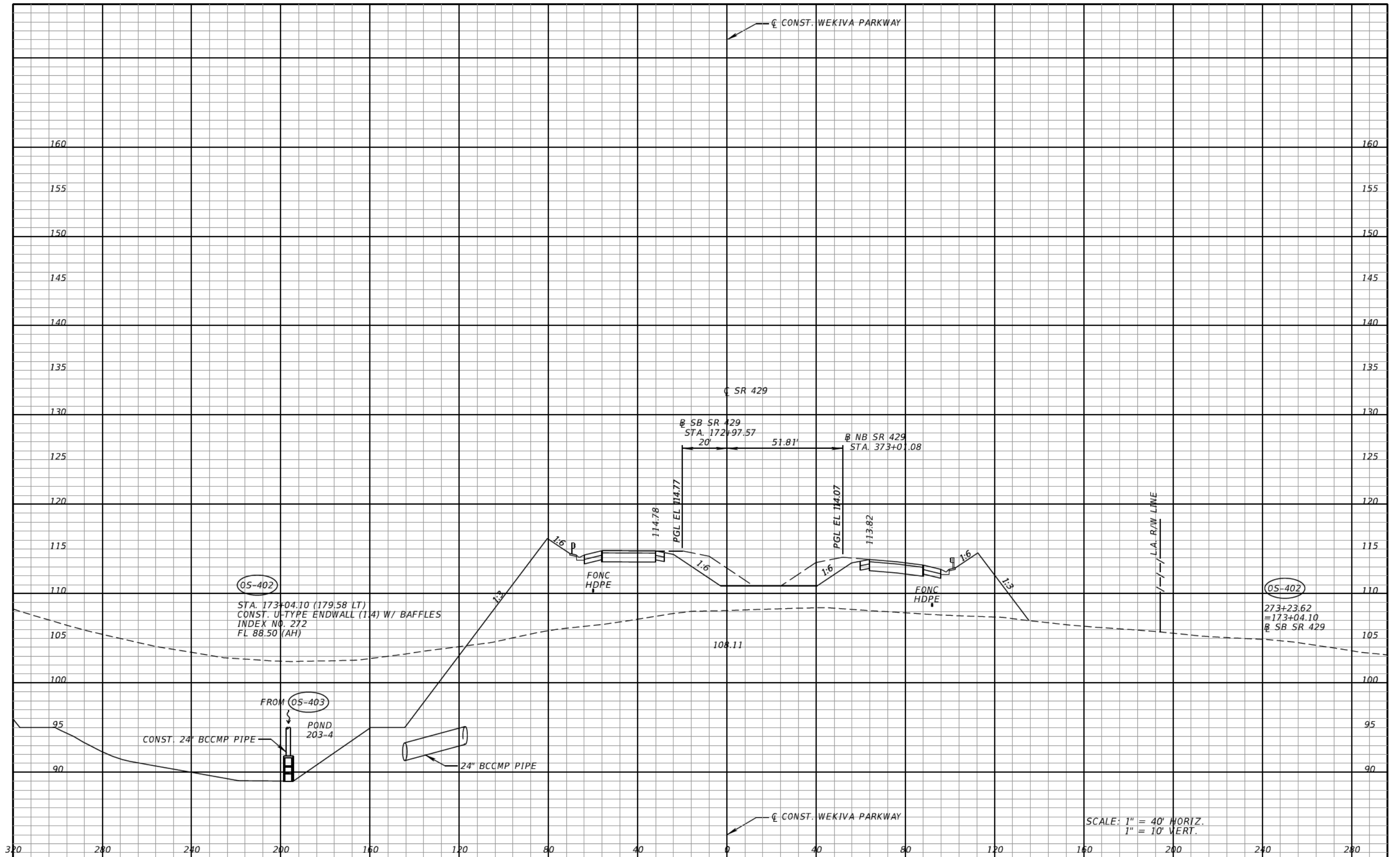
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
209



(OS-402)
 STA. 173+04.10 (179.58 LT)
 CONST. U-TYPE ENDWALL (14) W/ BAFFLES
 INDEX NO. 272
 FL 88.50 (AH)

(OS-402)
 273+23.62
 = 173+04.10
 @ SB SR 429

FROM (OS-403)
 POND 203-4
 CONST. 24" BCCMP PIPE
 24" BCCMP PIPE

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

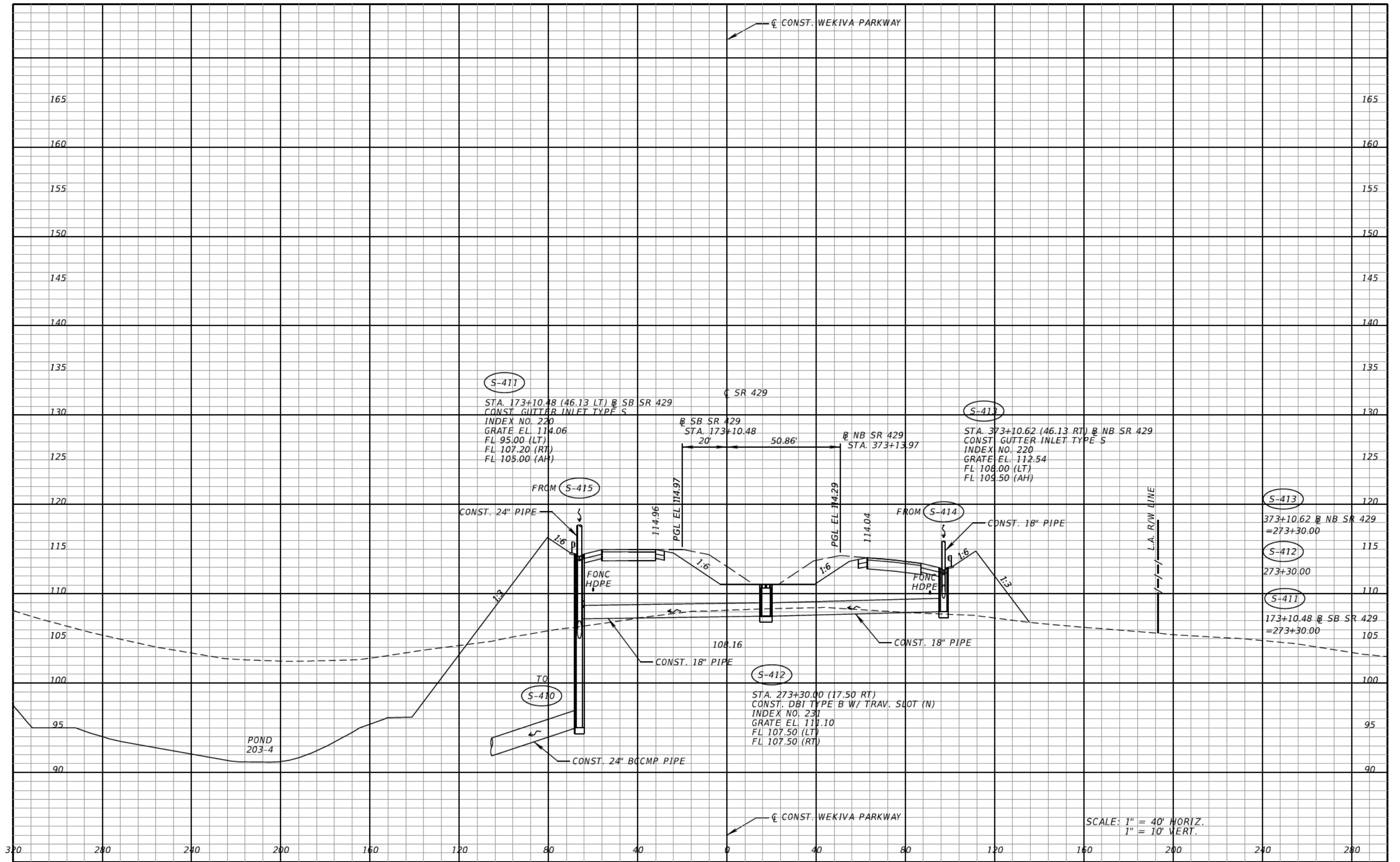
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
210



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

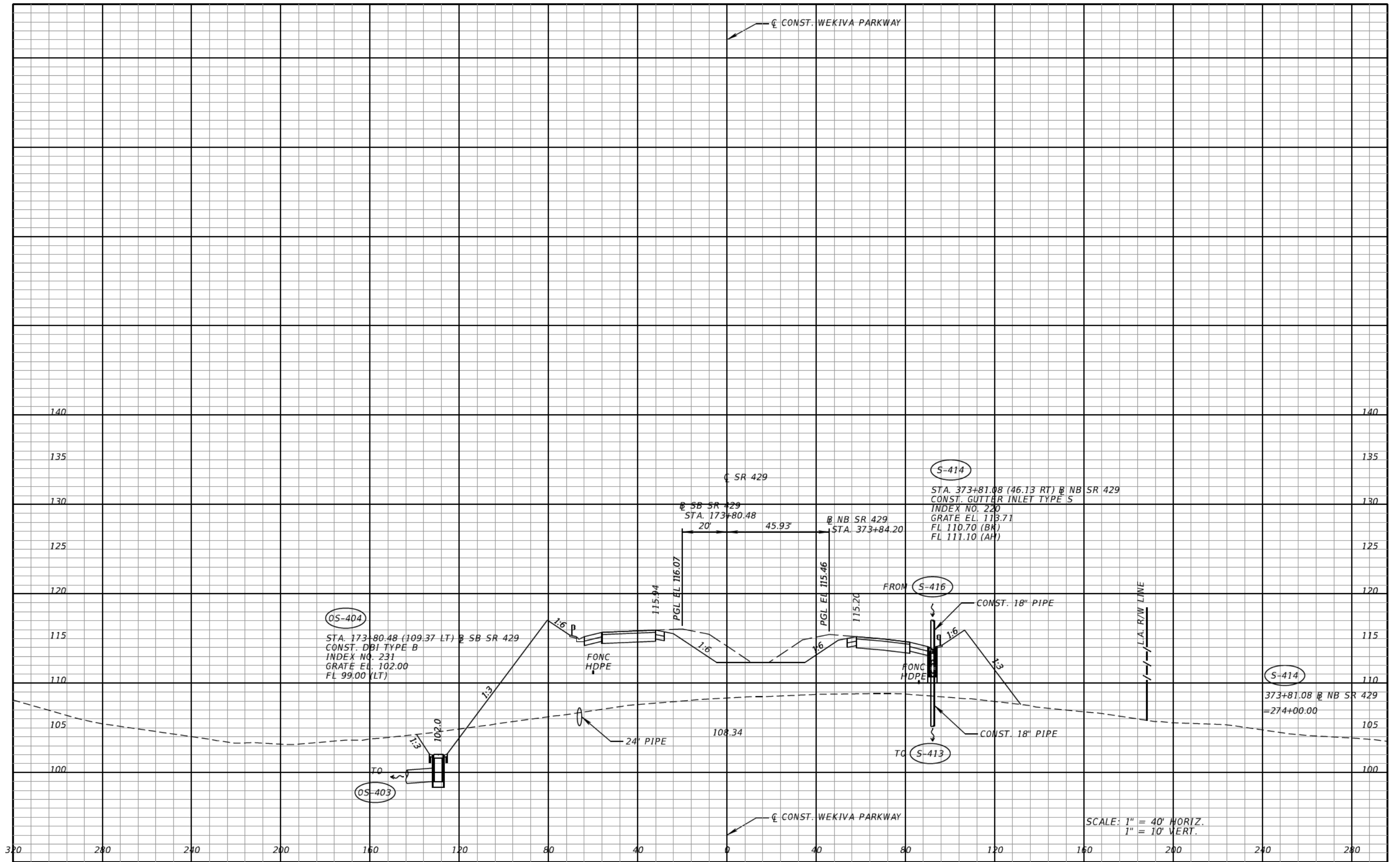
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
211



OS-404
 STA. 173+80.48 (109.37 LT) @ SB SR 429
 CONST. DBI TYPE B
 INDEX NO. 231
 GRATE EL. 102.00
 FL 99.00 (LT)

S-414
 STA. 373+81.08 (46.13 RT) @ NB SR 429
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 113.71
 FL 110.70 (BK)
 FL 111.10 (AH)

S-414
 373+81.08 @ NB SR 429
 =274+00.00

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

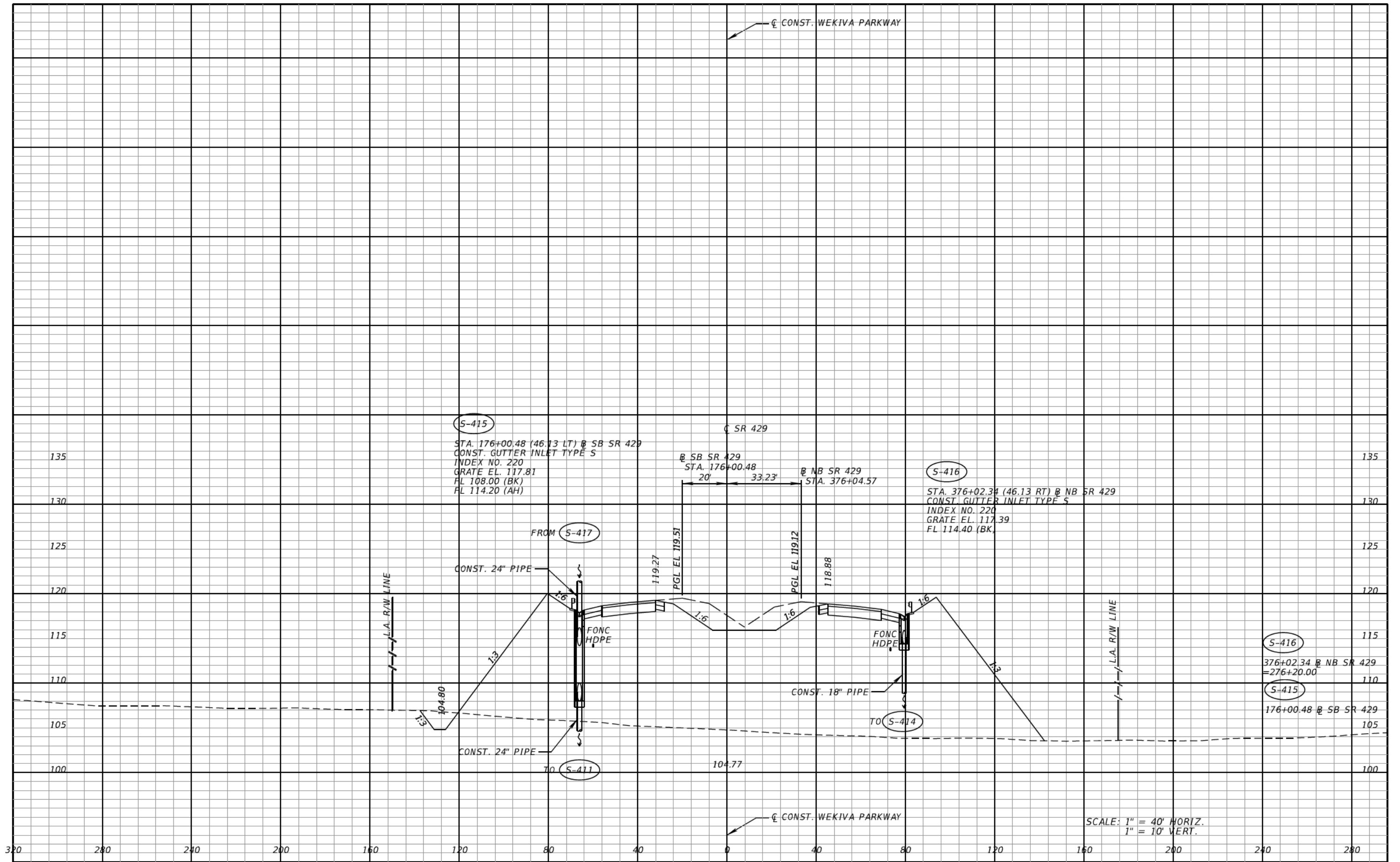
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
 212



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

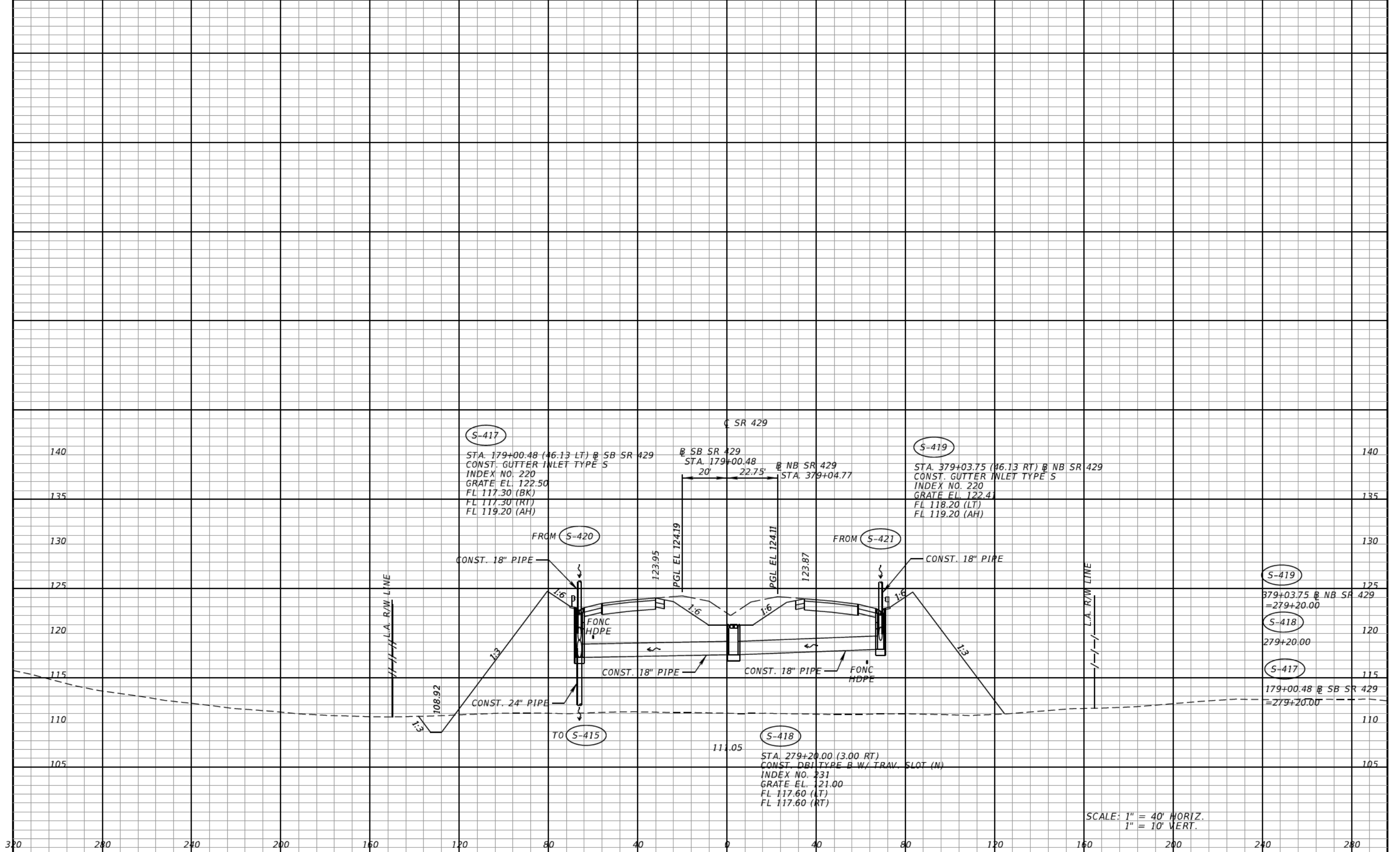
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
213



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

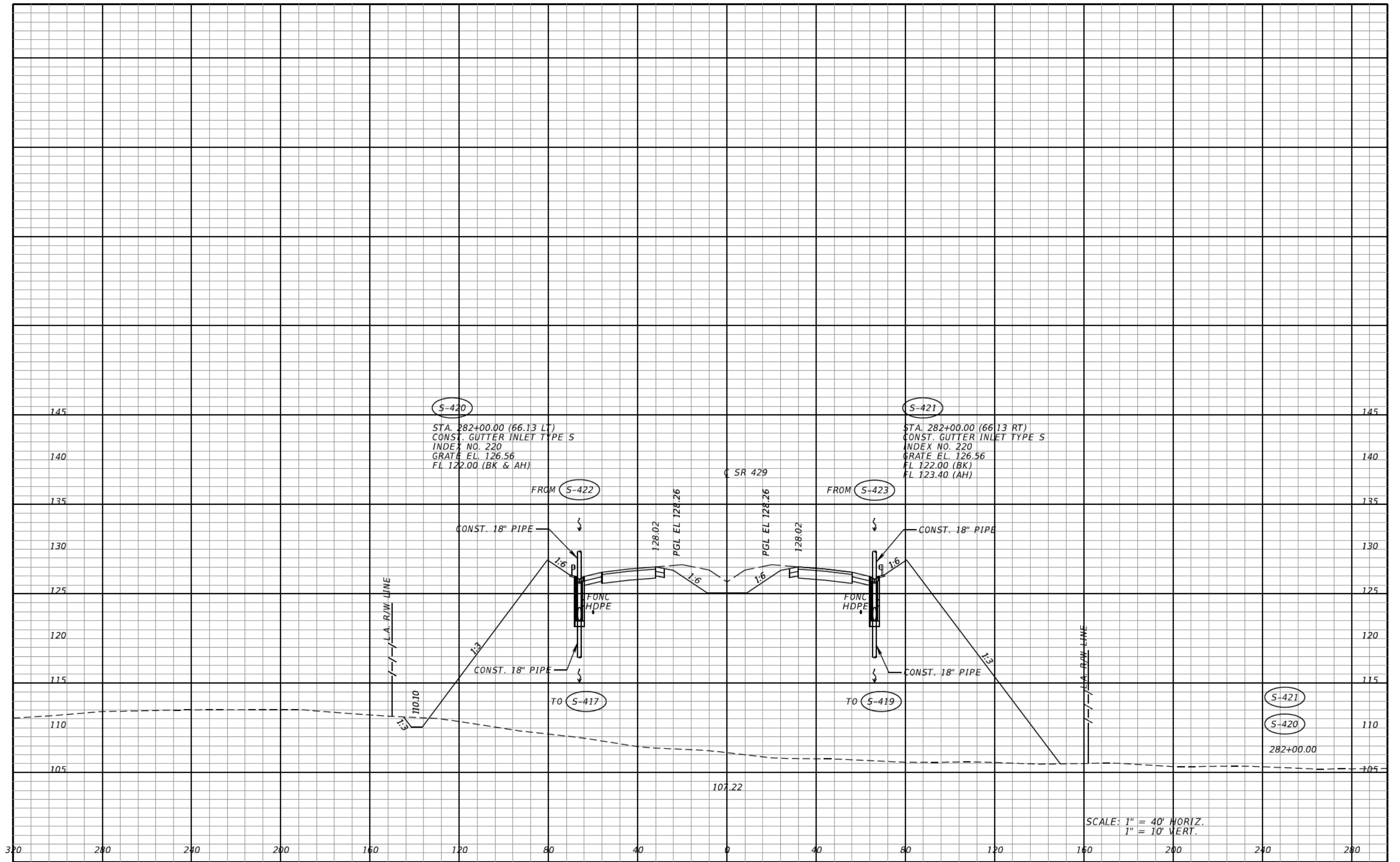
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
214



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

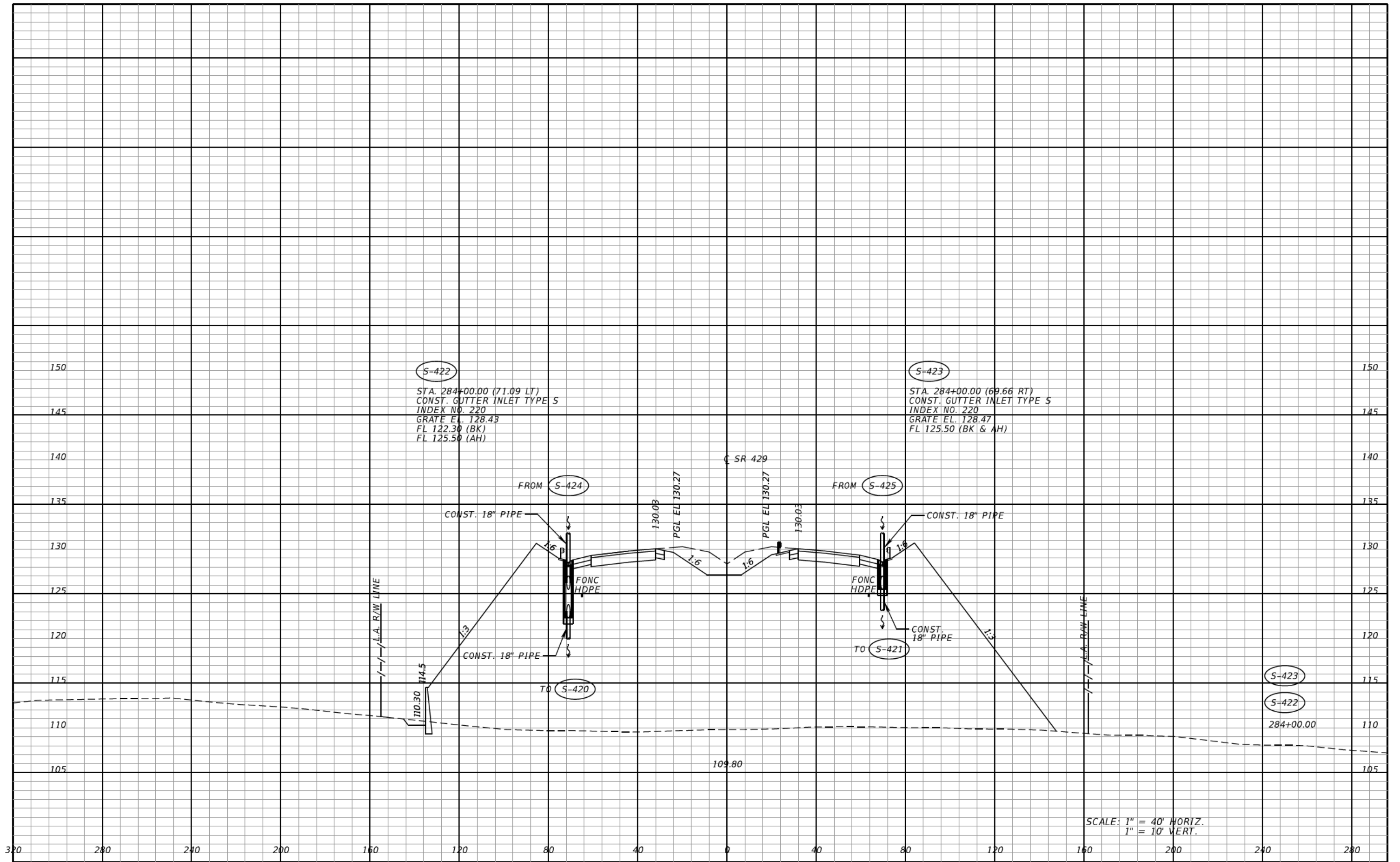
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
215



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

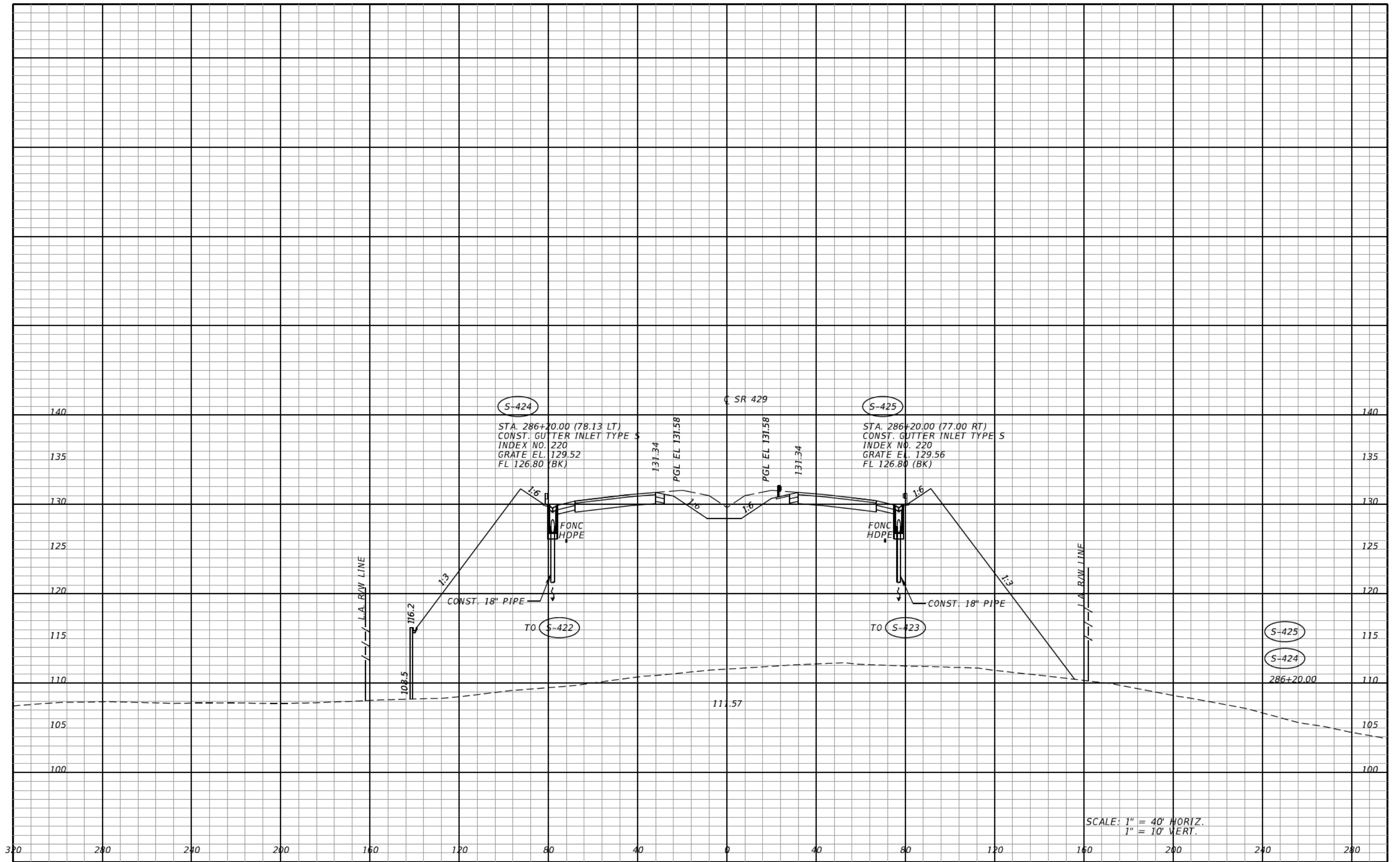
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
216



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

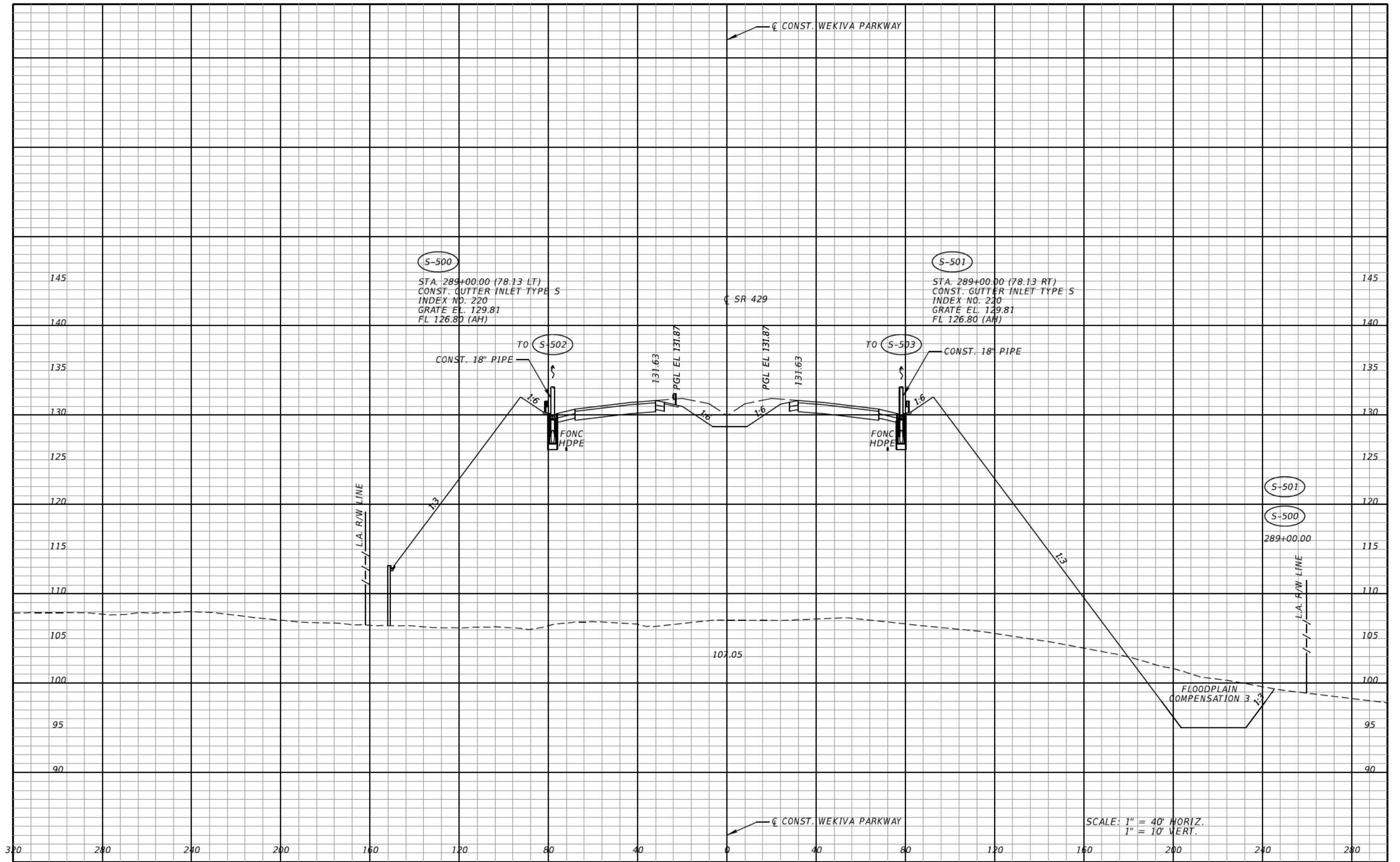
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
217



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

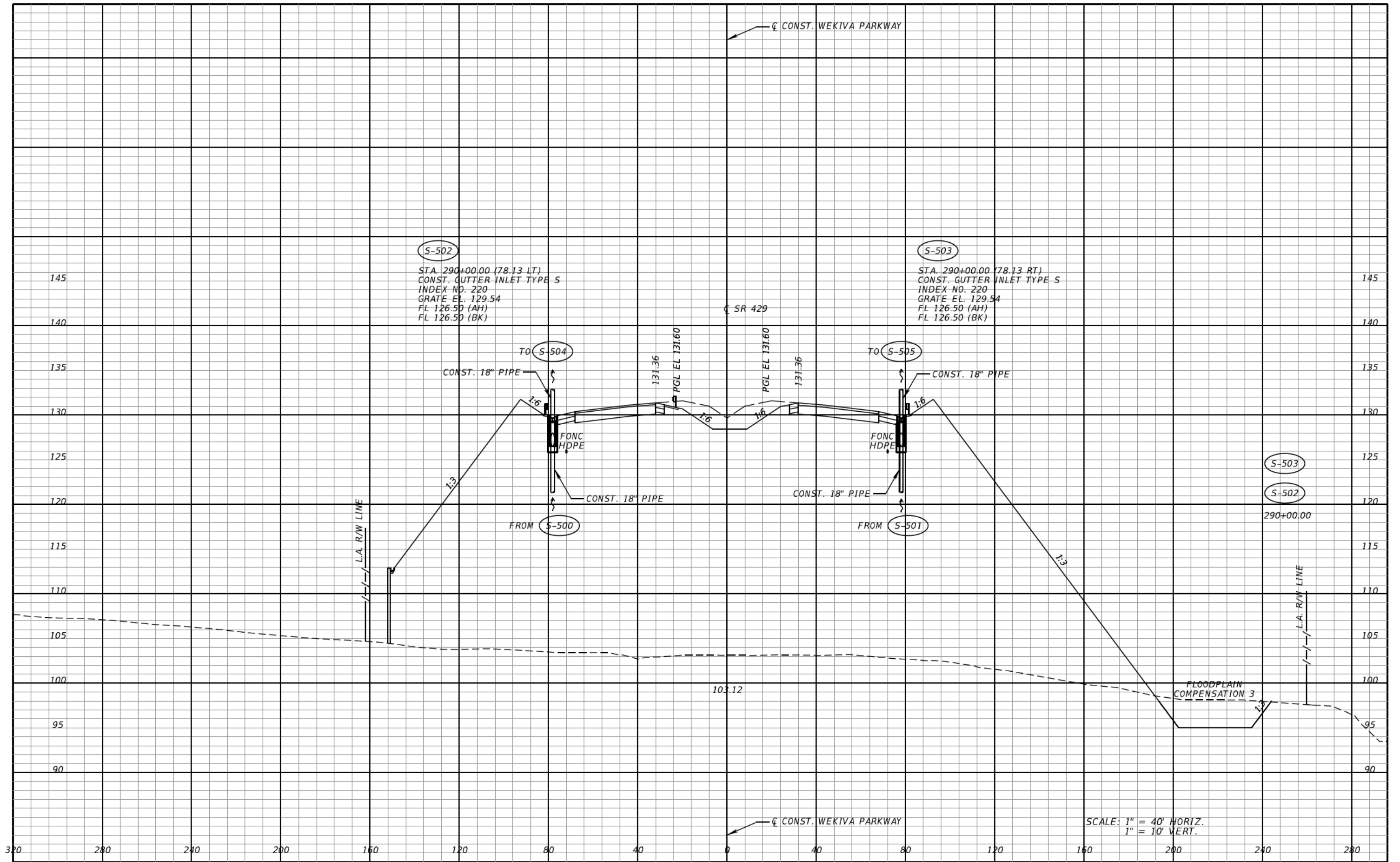
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
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CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
218



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

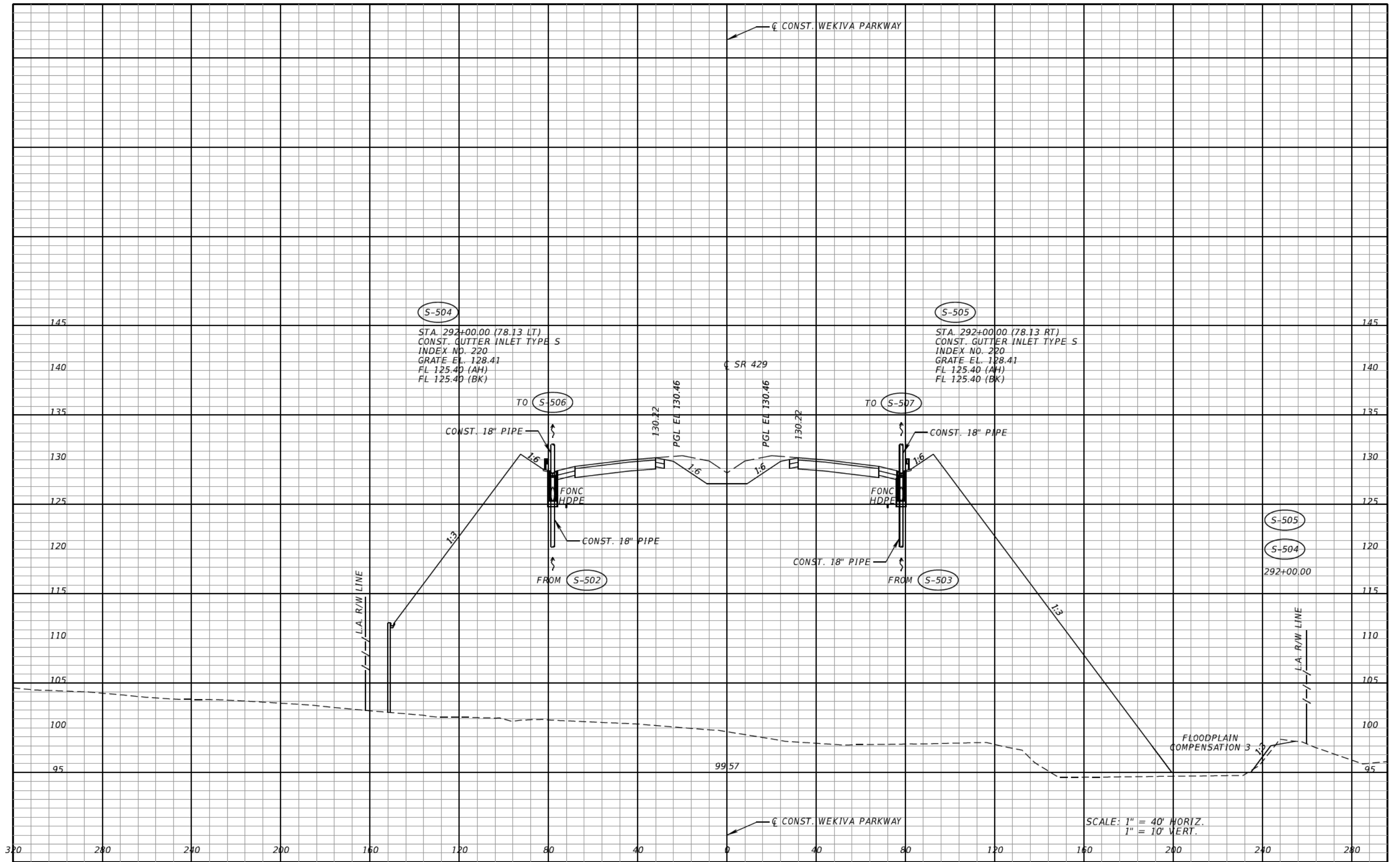
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
219



(S-504)
 STA. 292+00.00 (78.13 LT)
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 128.41
 FL 125.40 (AH)
 FL 125.40 (BK)

(S-505)
 STA. 292+00.00 (78.13 RT)
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 128.41
 FL 125.40 (AH)
 FL 125.40 (BK)

(S-505)
 (S-504)
 292+00.00

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

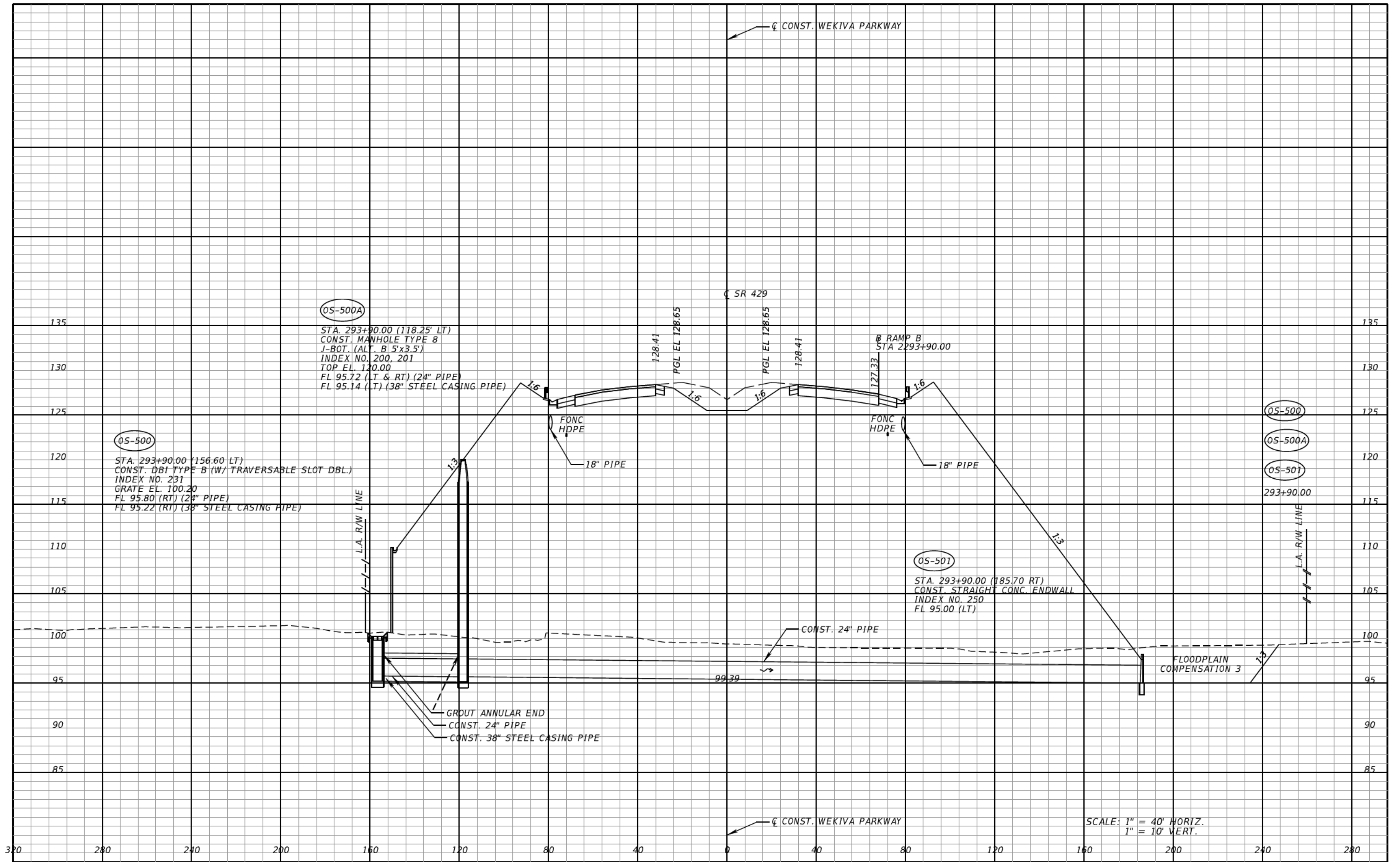
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
220



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

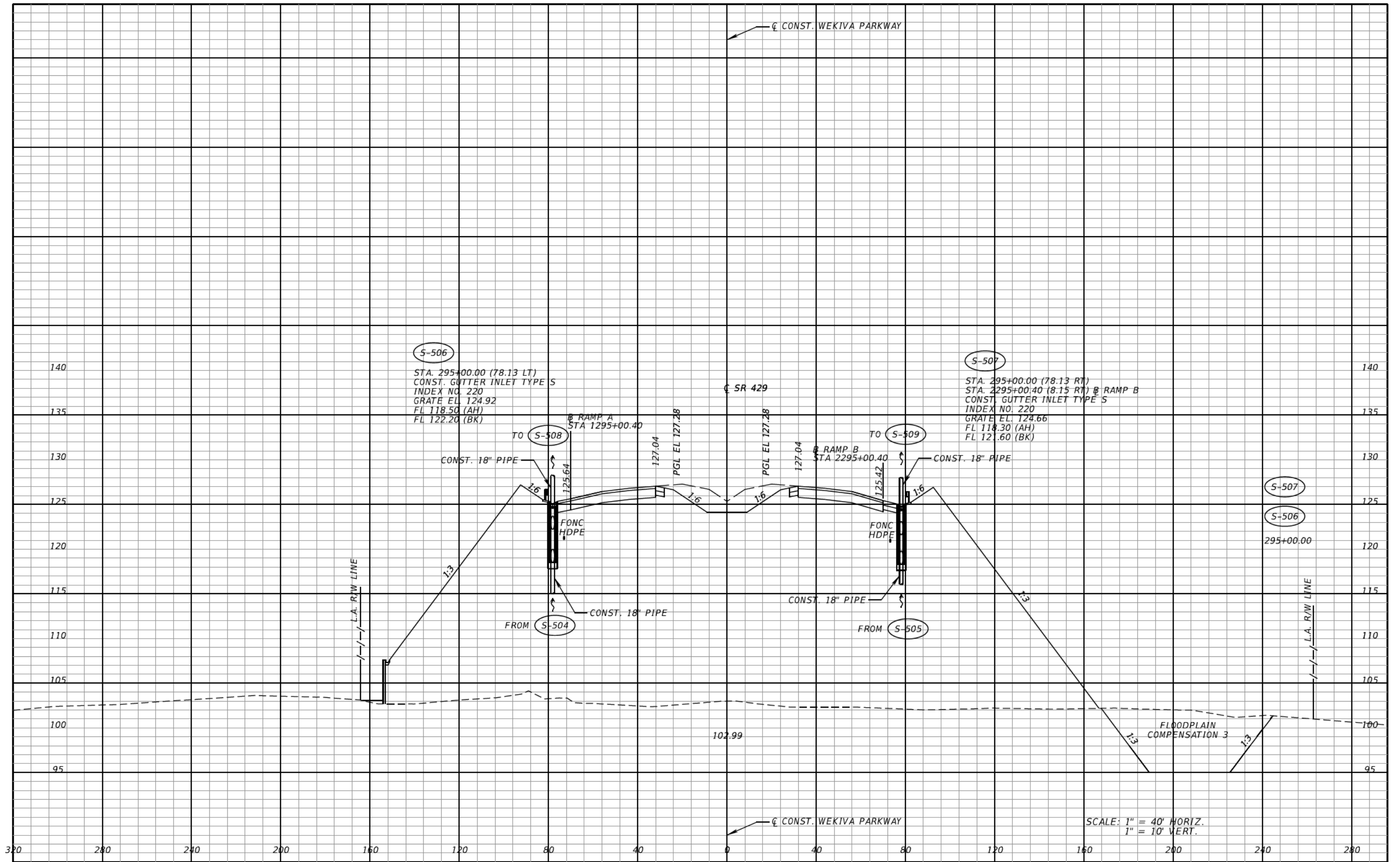
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
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CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
221



REVISIONS	
DATE	DESCRIPTION

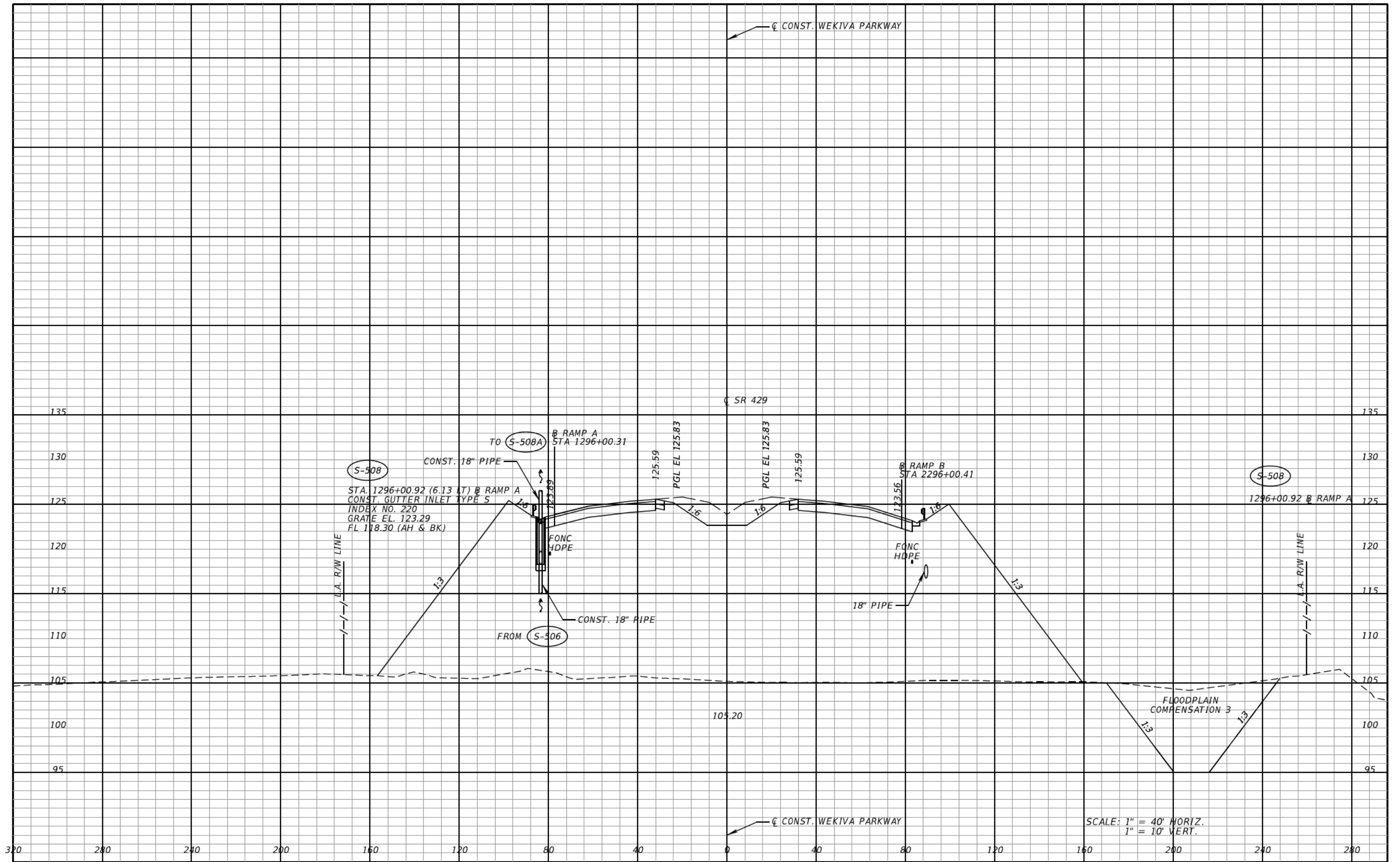
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
222



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

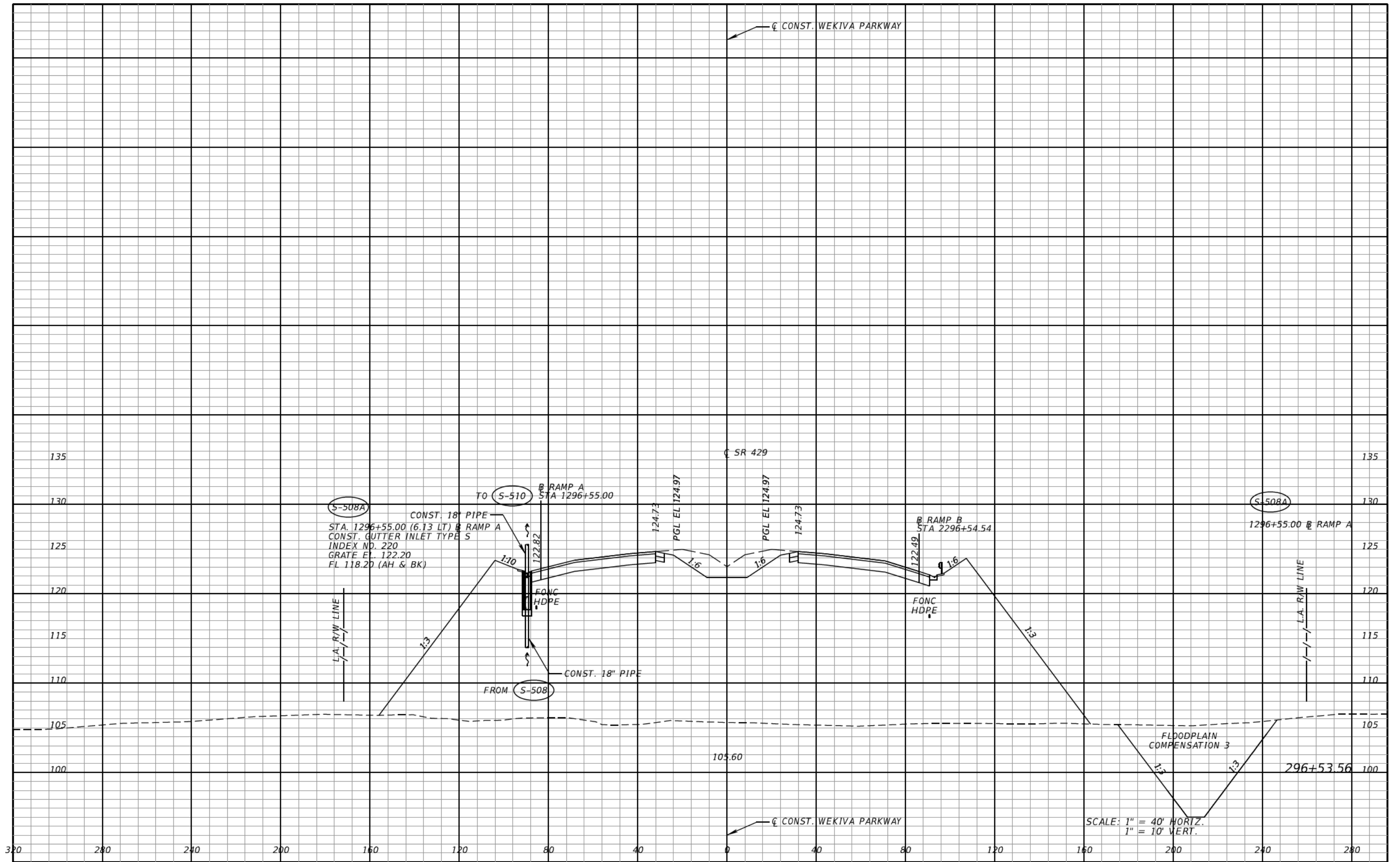
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
223

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.



REVISIONS	
DATE	DESCRIPTION

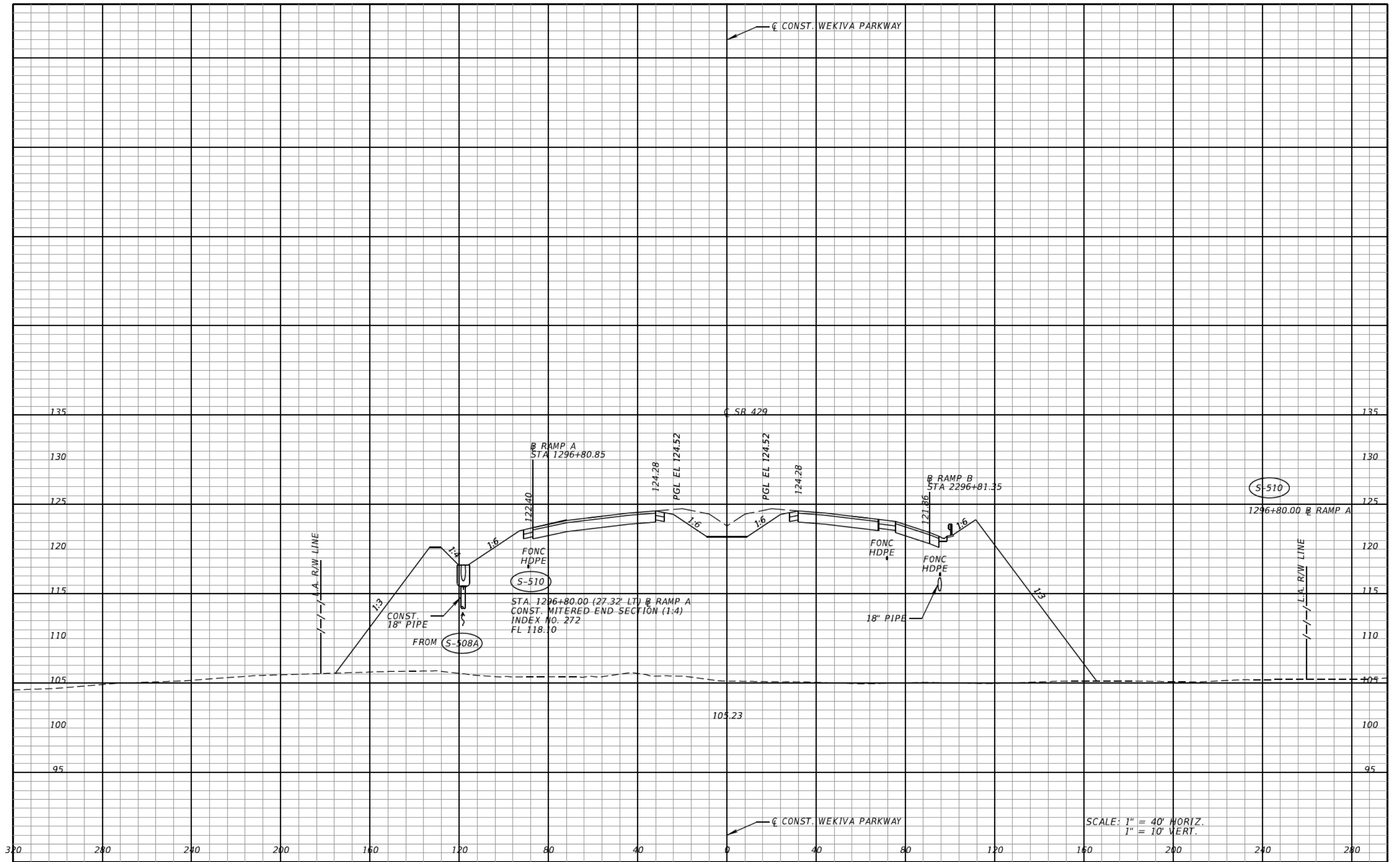
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
224



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

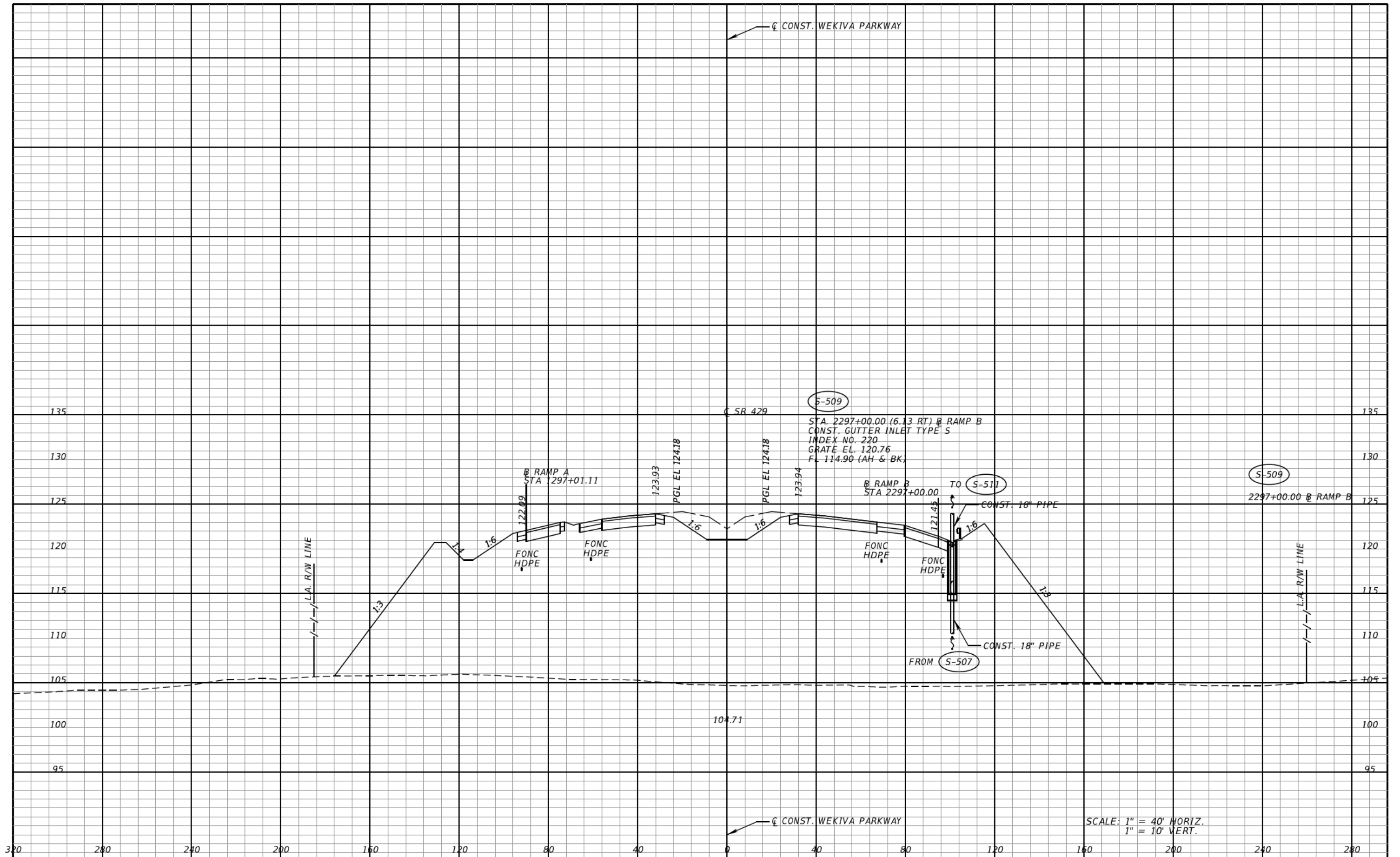
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
225



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

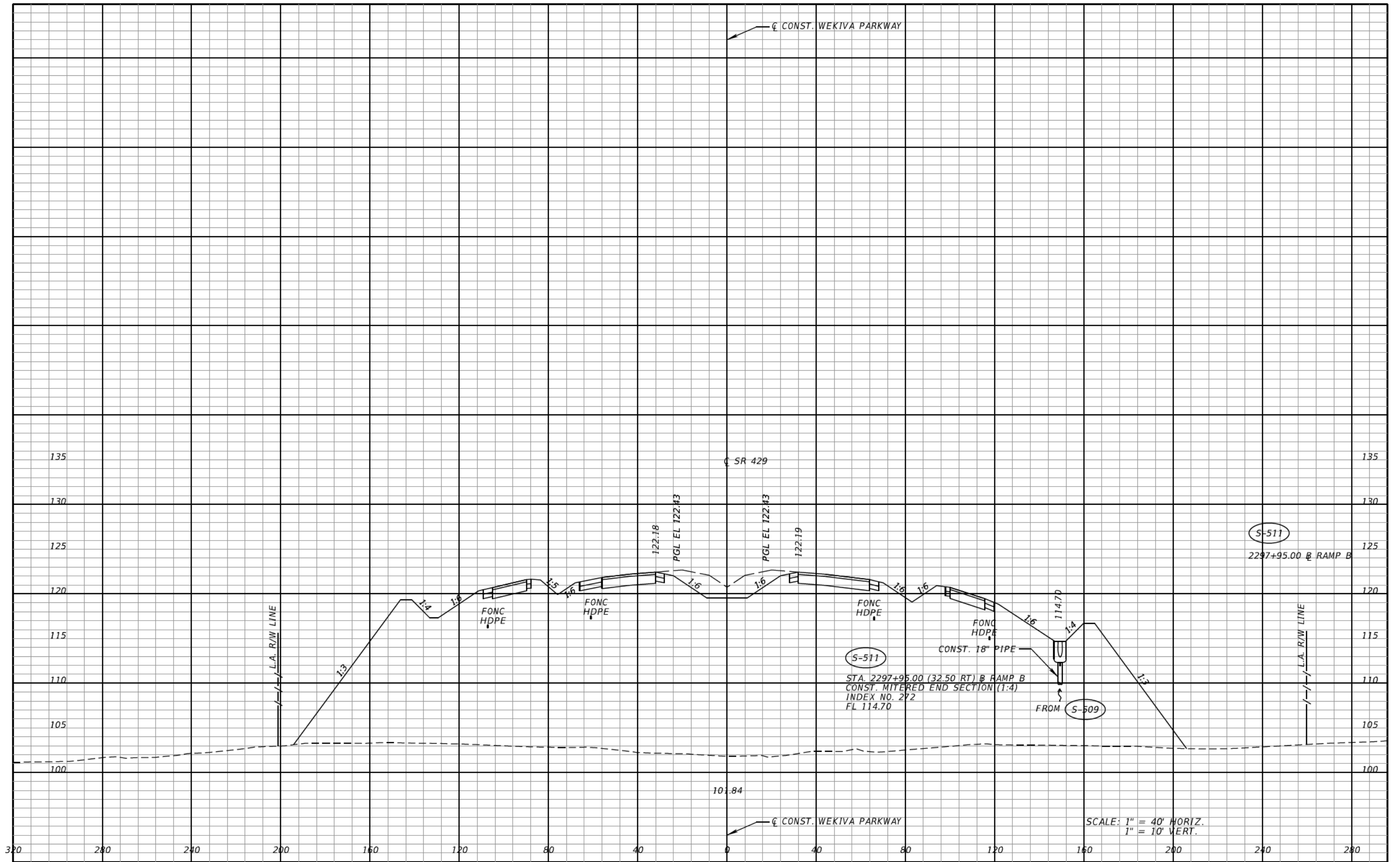
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
226



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

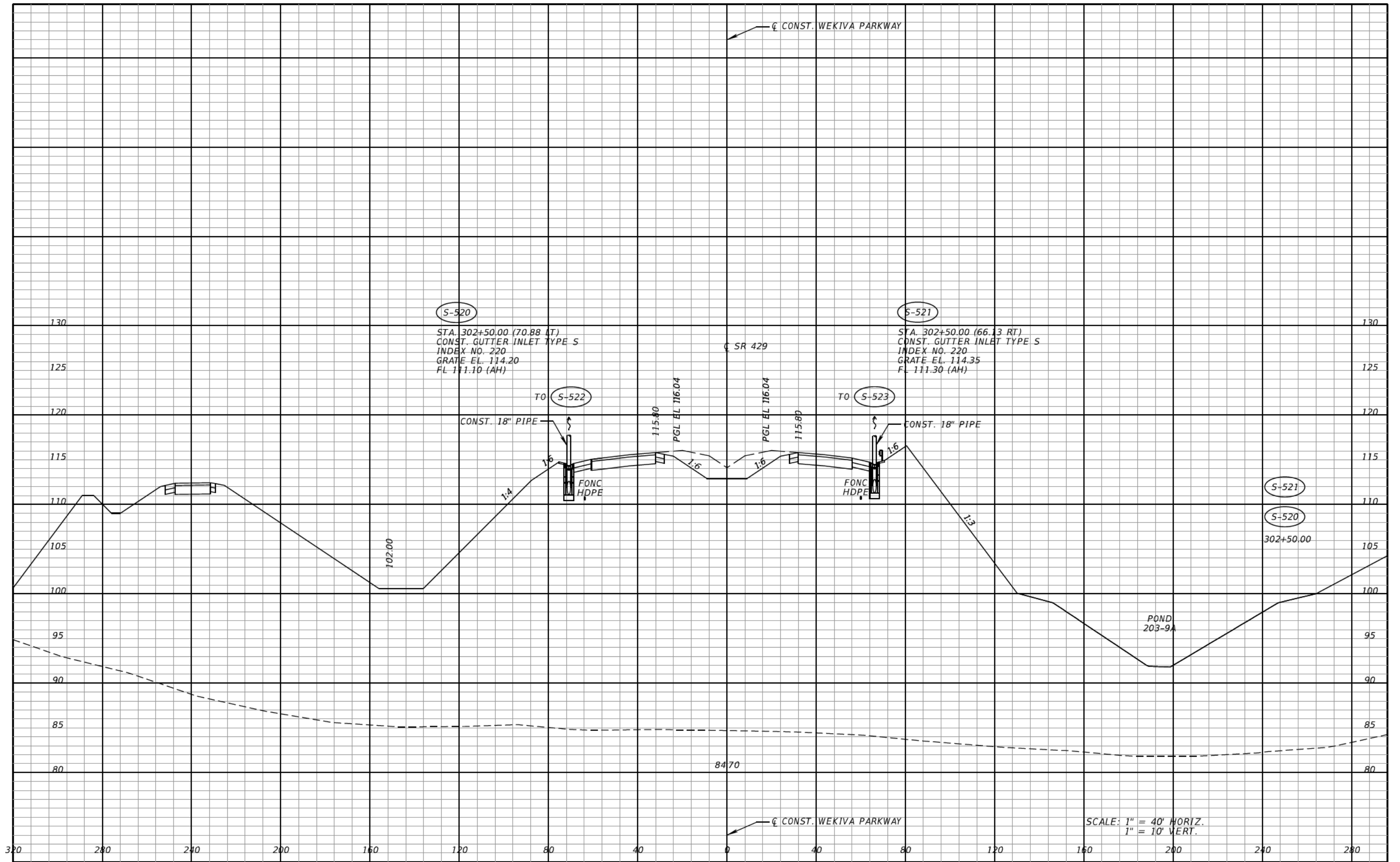
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
227



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

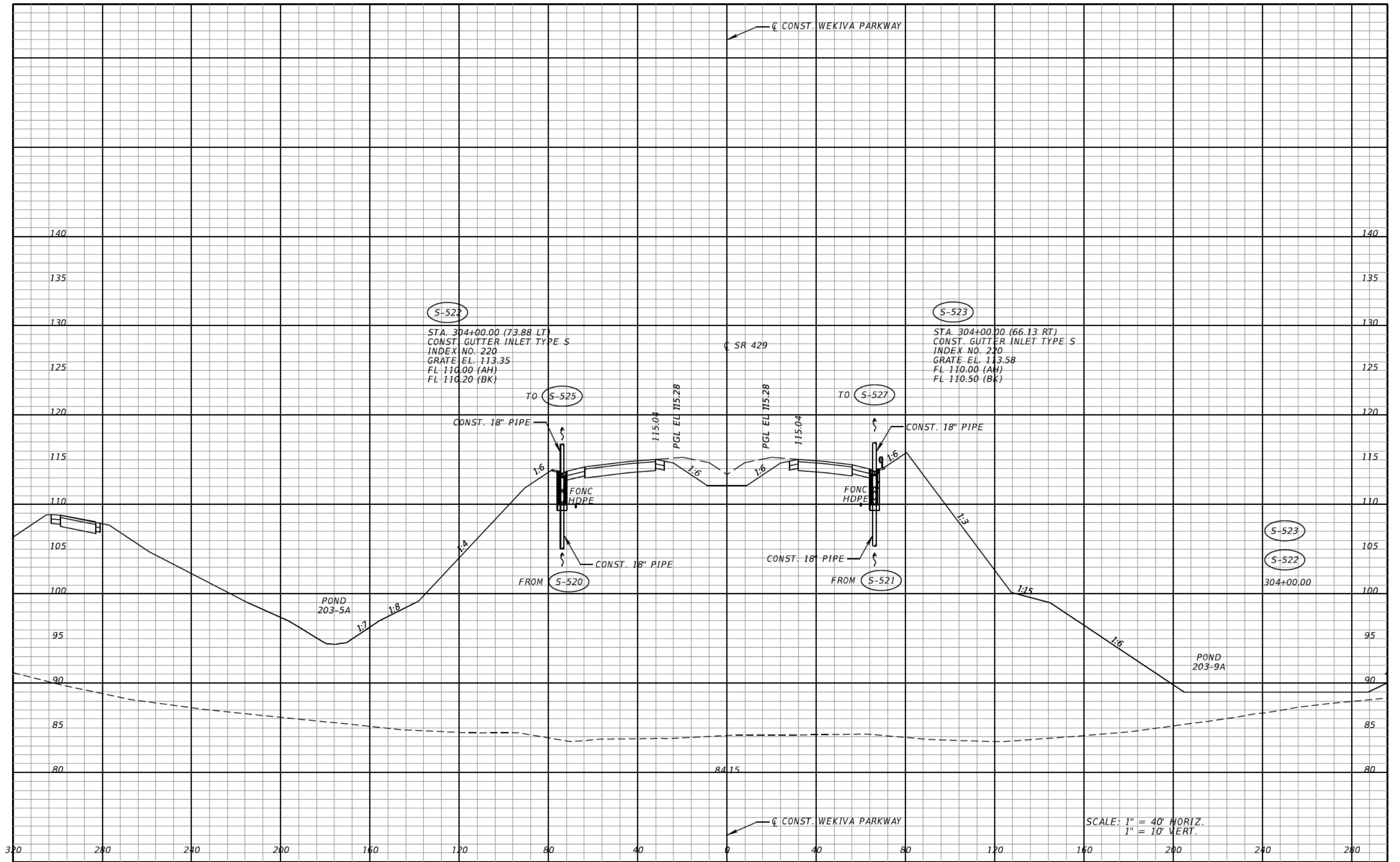
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
228



S-522
 STA. 304+00.00 (73.88 LT)
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 113.35
 FL 110.00 (AH)
 FL 110.20 (BK)

S-523
 STA. 304+00.00 (66.13 RT)
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 113.58
 FL 110.00 (AH)
 FL 110.50 (BK)

S-520
 FROM S-520

S-521
 FROM S-521

S-523
 S-522
 304+00.00

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

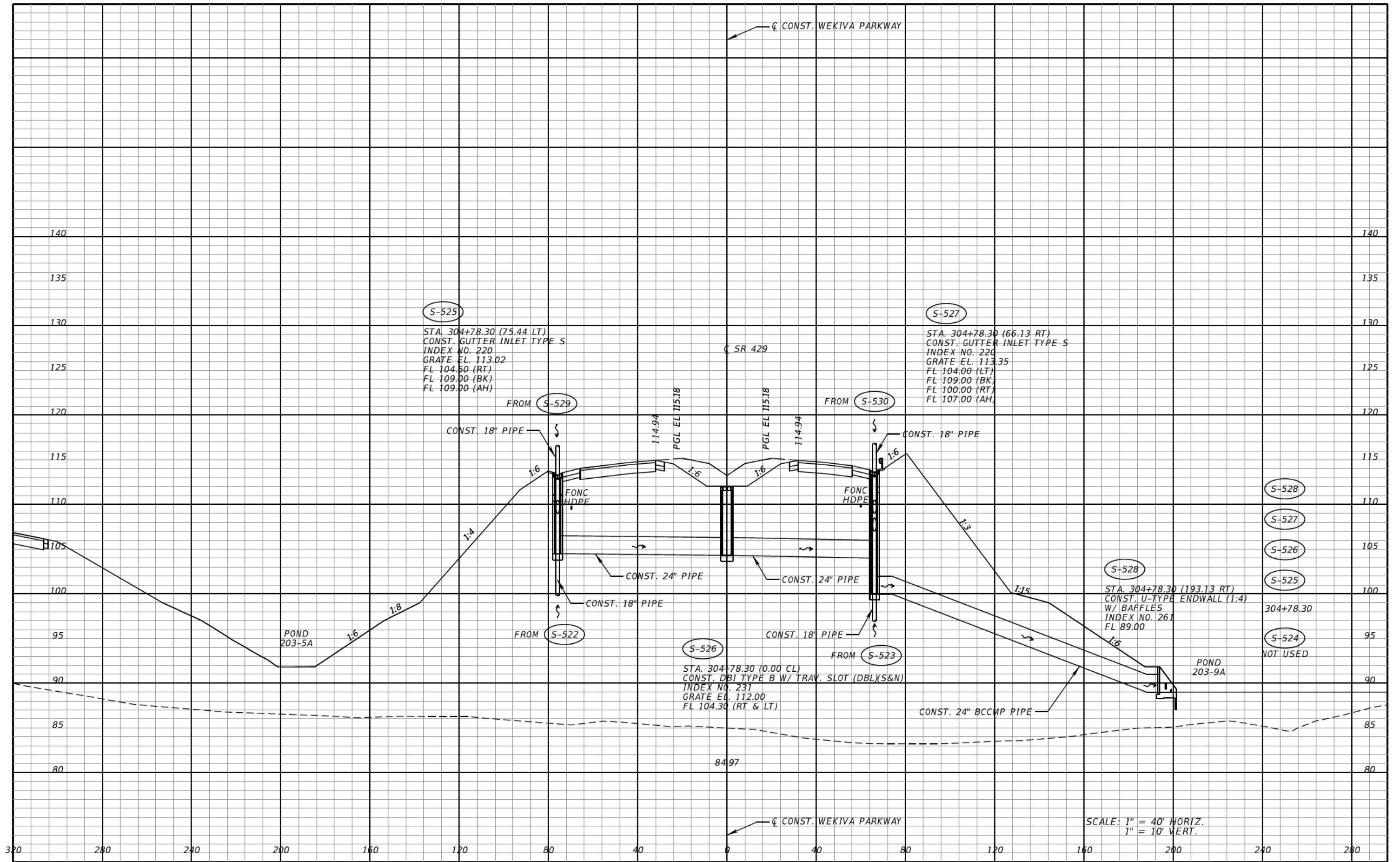
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
229



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

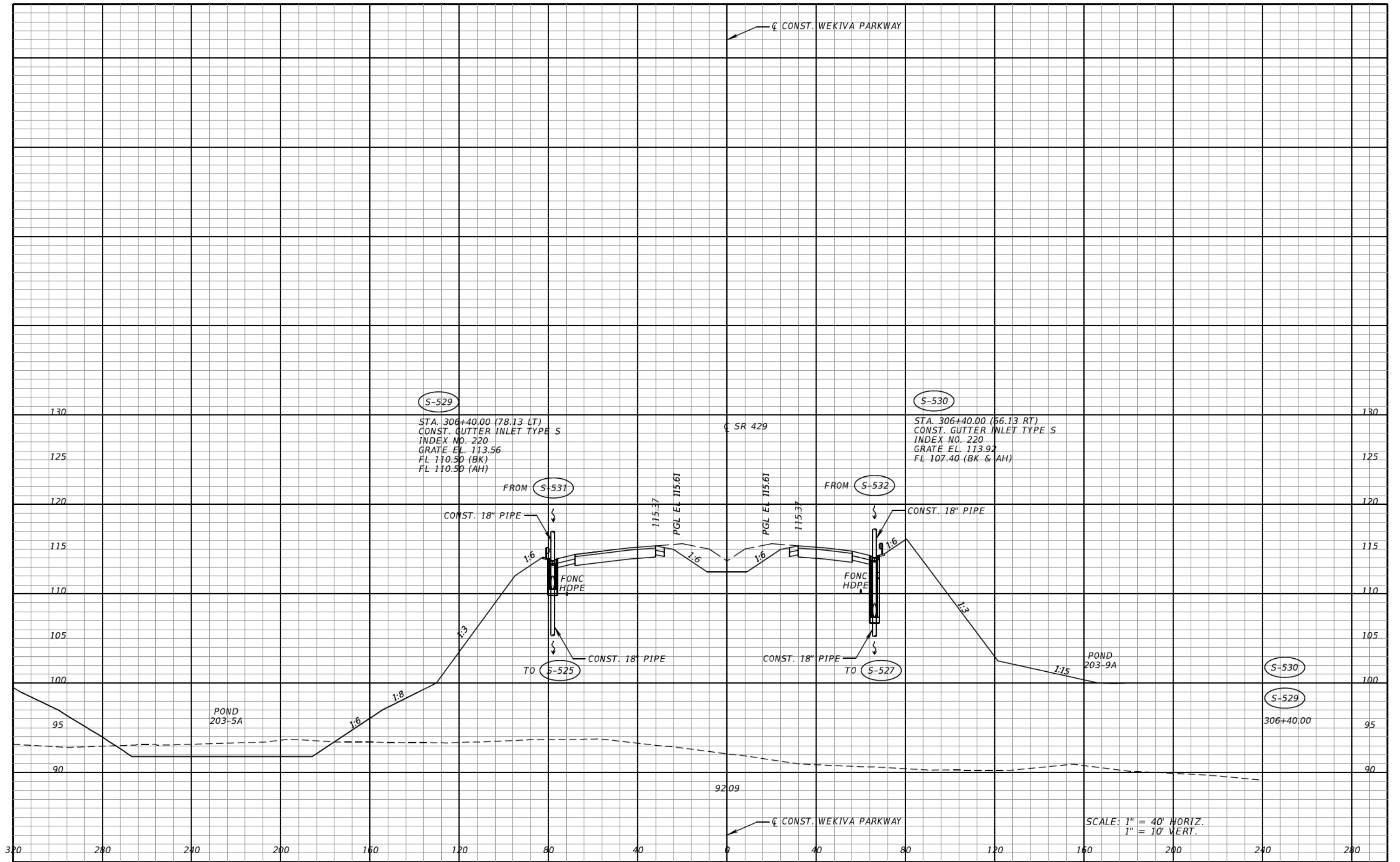
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO. 230



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

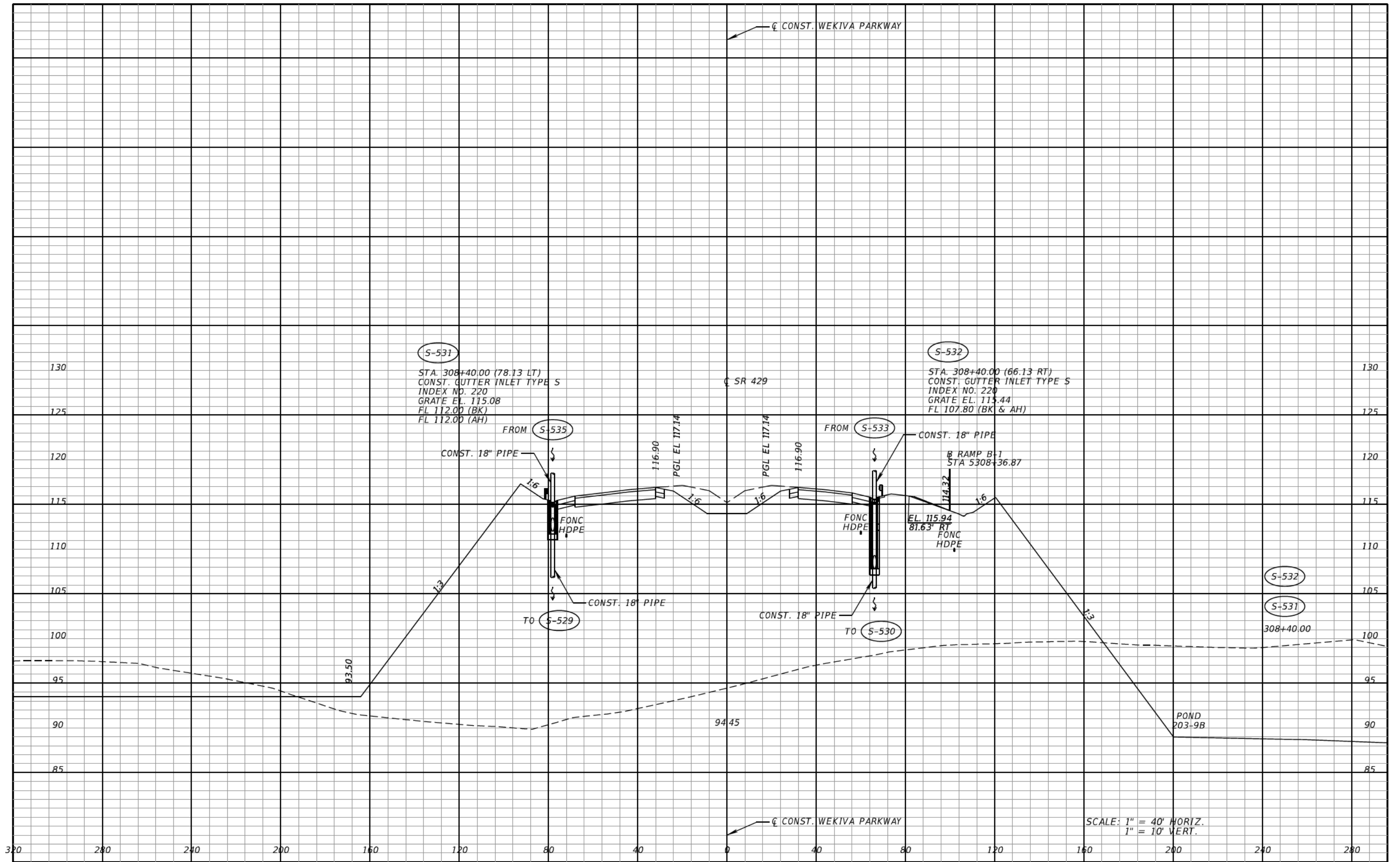
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
231



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

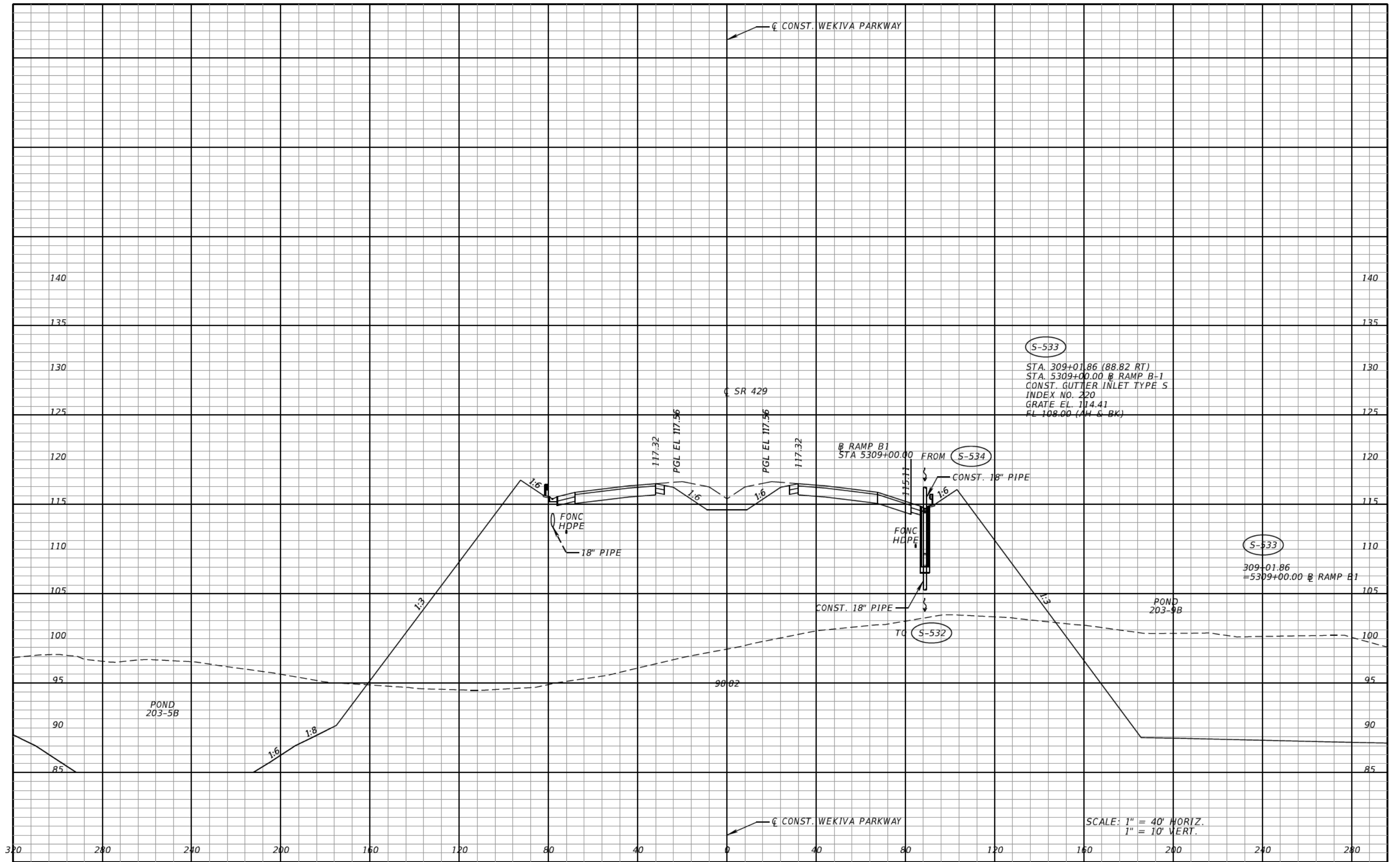
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
232



S-533
 STA. 309+01.86 (88.82 RT)
 STA. 5309+00.00 @ RAMP B-1
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 114.41
 FL 108.00 (AH & BK)

S-533
 309+01.86
 =5309+00.00 @ RAMP B1

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

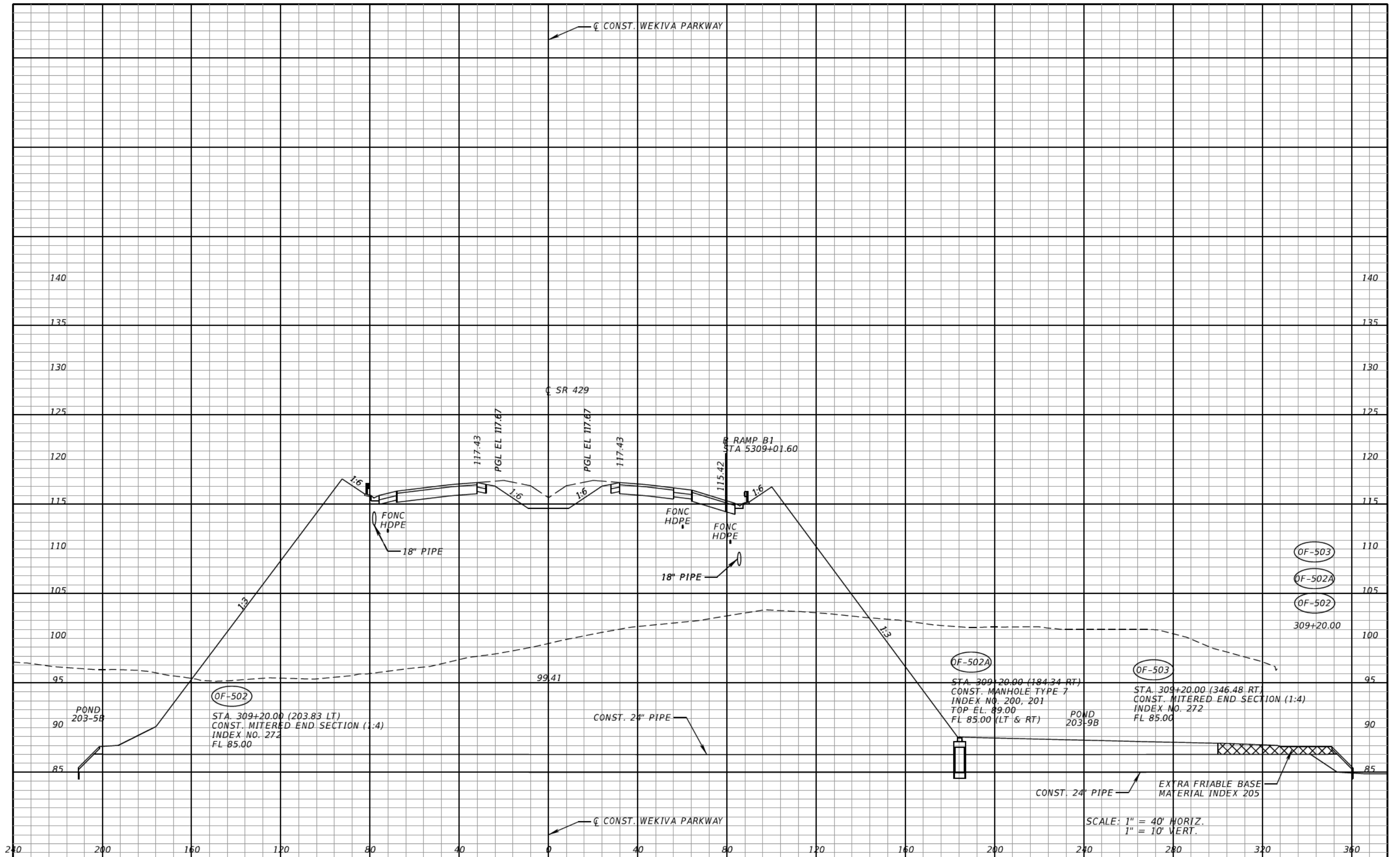
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
233



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

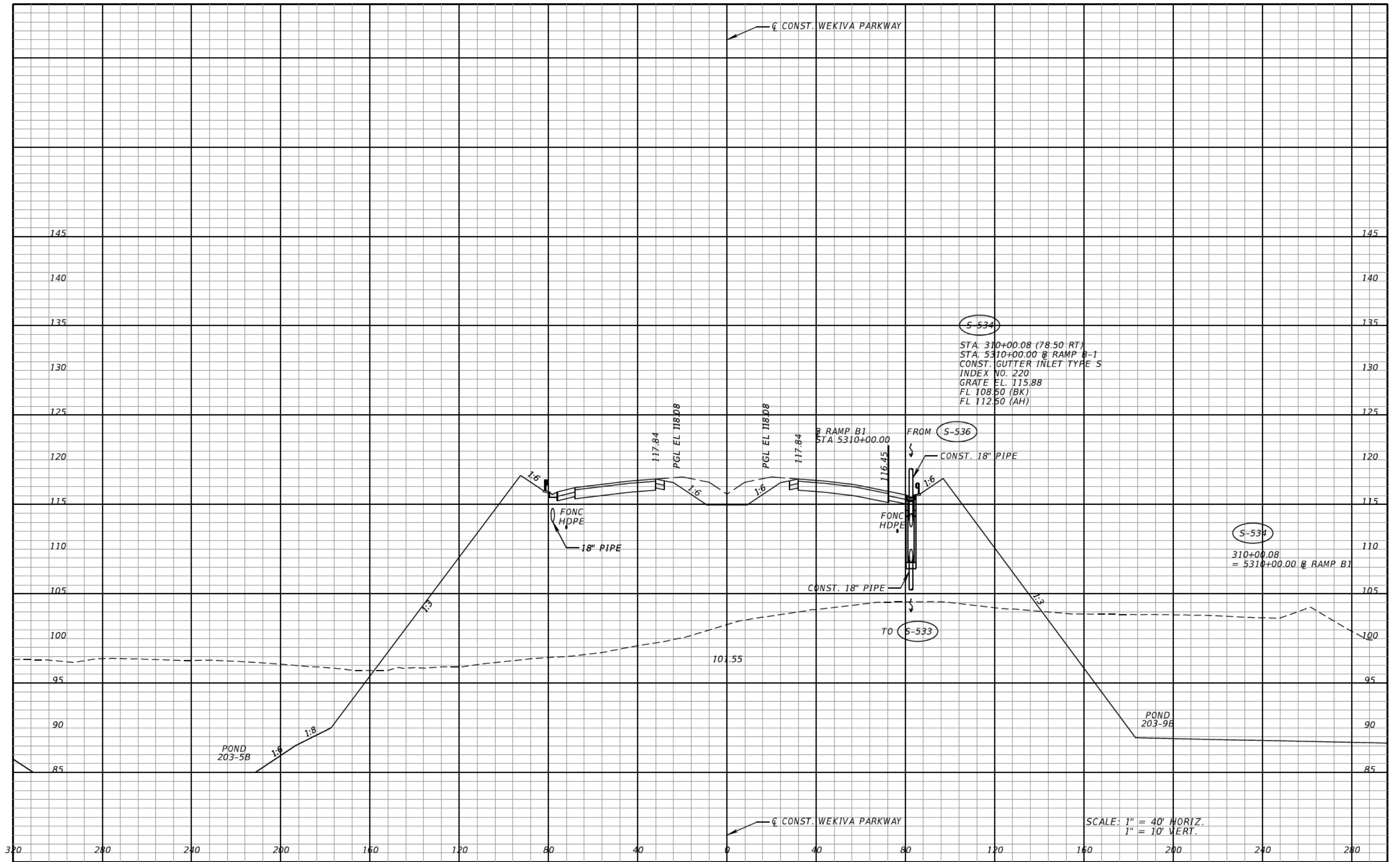
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
234



S-534
 STA. 310+00.08 (78.50 RT)
 STA. 5310+00.00 @ RAMP B-1
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 115.88
 FL 108.50 (BK)
 FL 112.50 (AH)

S-534
 310+00.08
 = 5310+00.00 @ RAMP B1

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

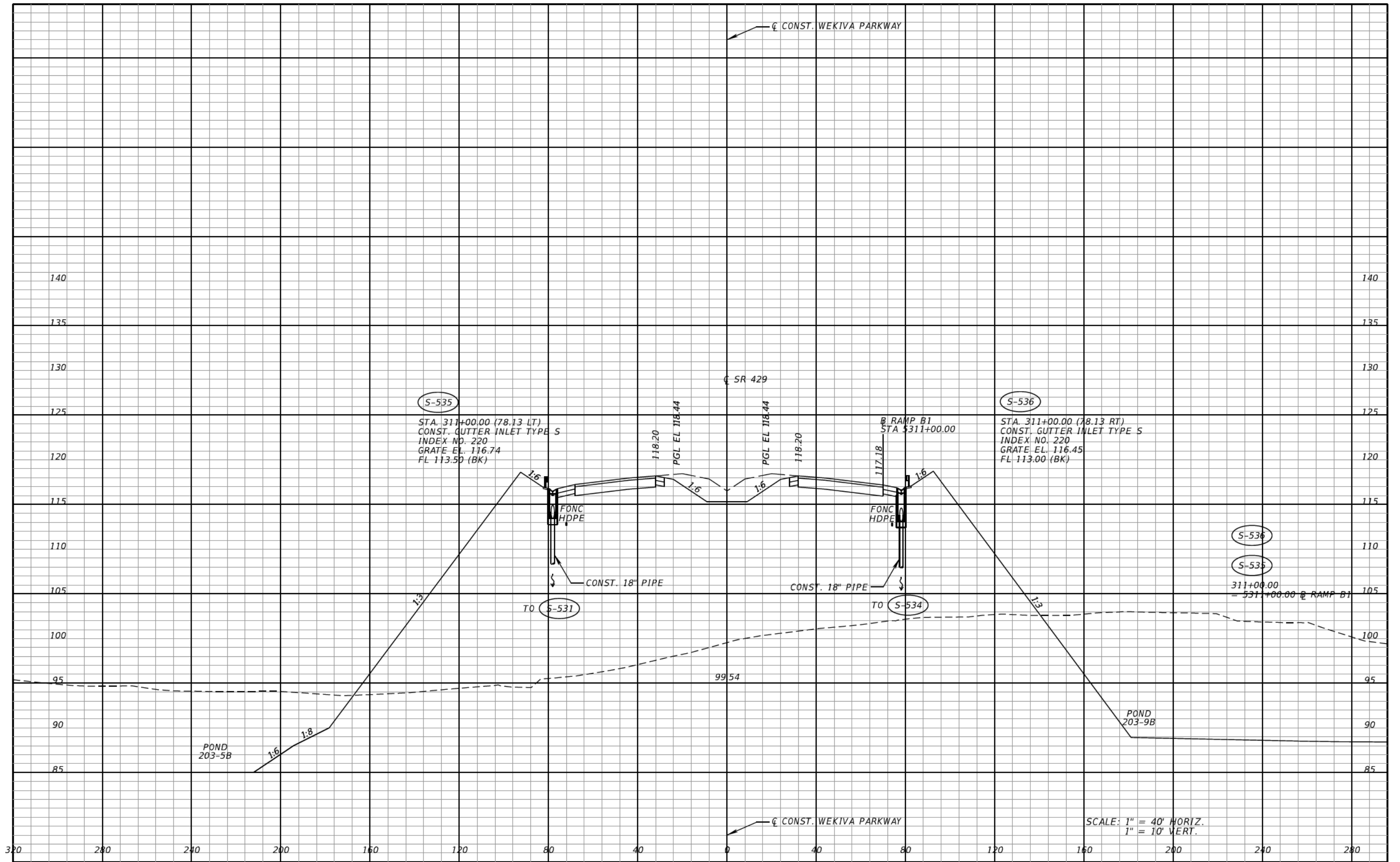
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
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DRAINAGE STRUCTURES
SR 429

SHEET NO.
235



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

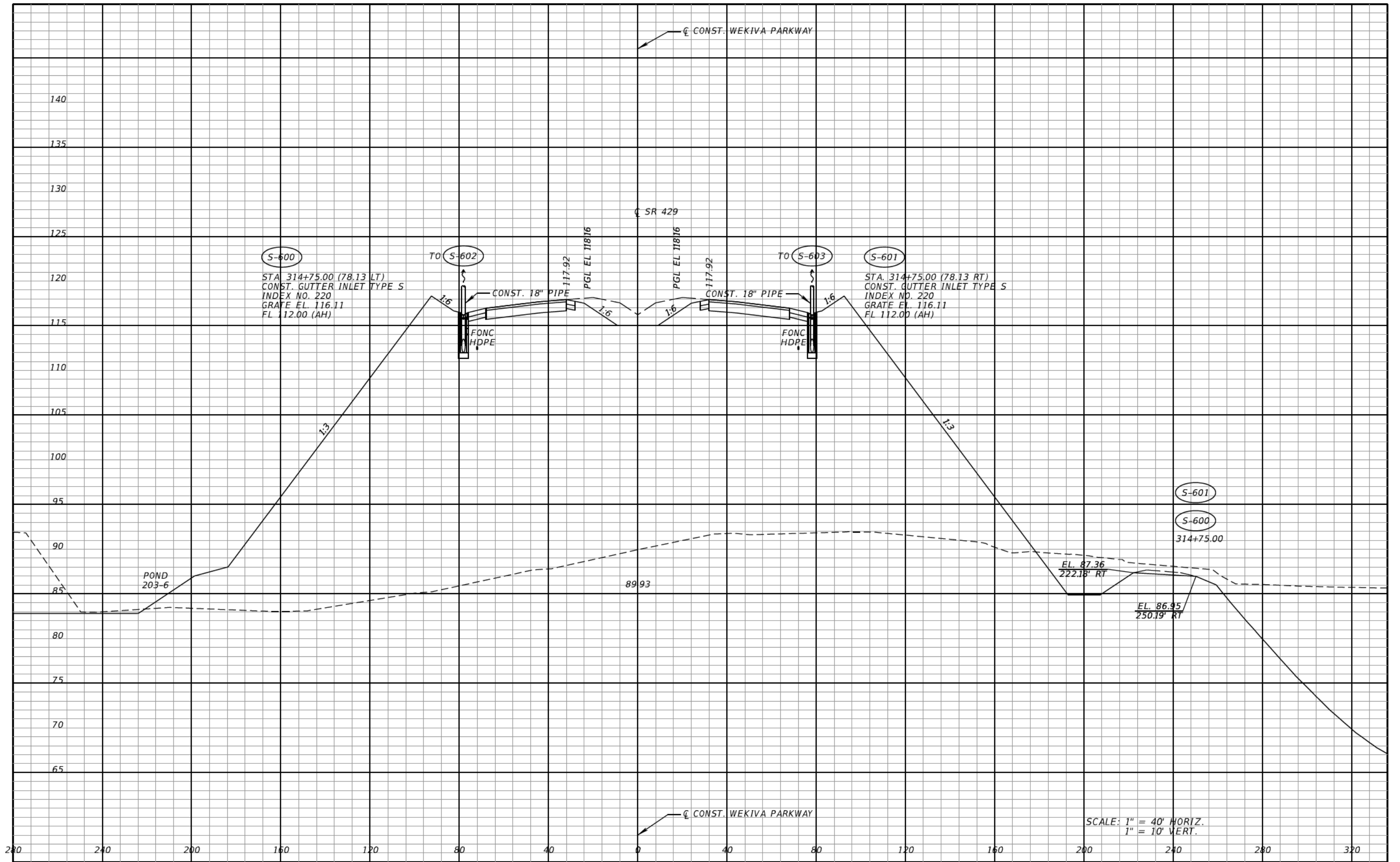
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**DRAINAGE STRUCTURES
SR 429**

SHEET NO.
236



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

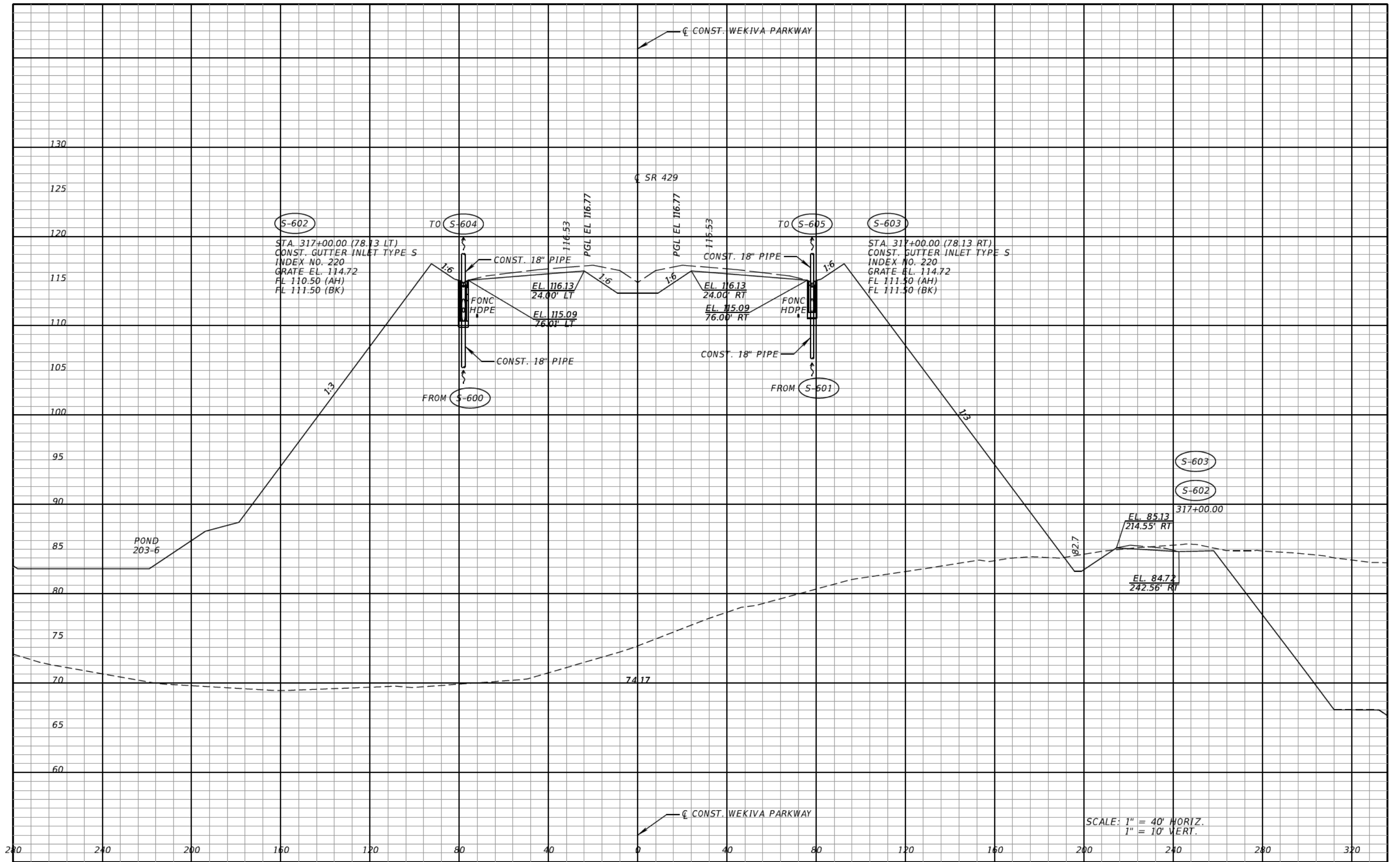
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
237



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

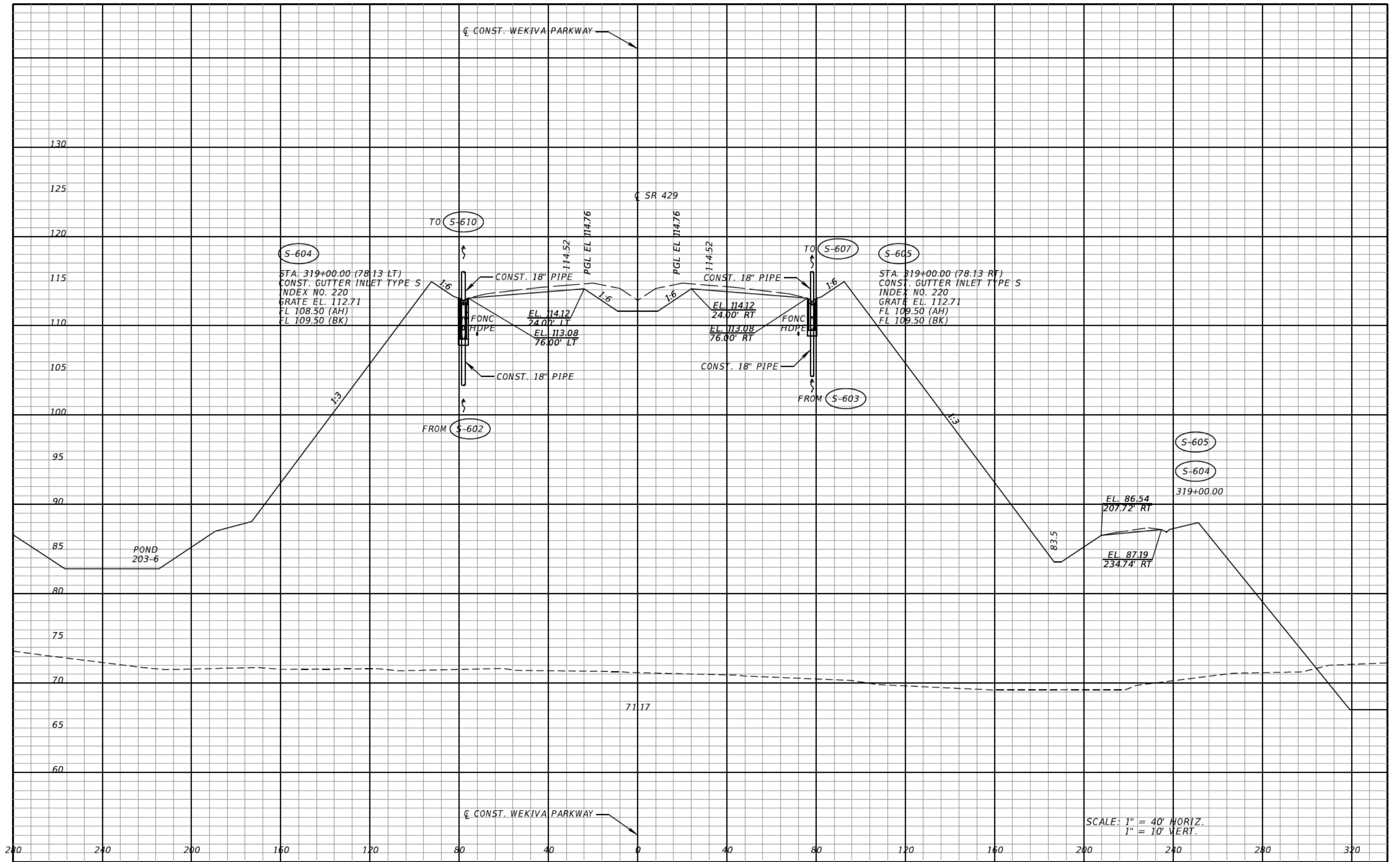
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
238



SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

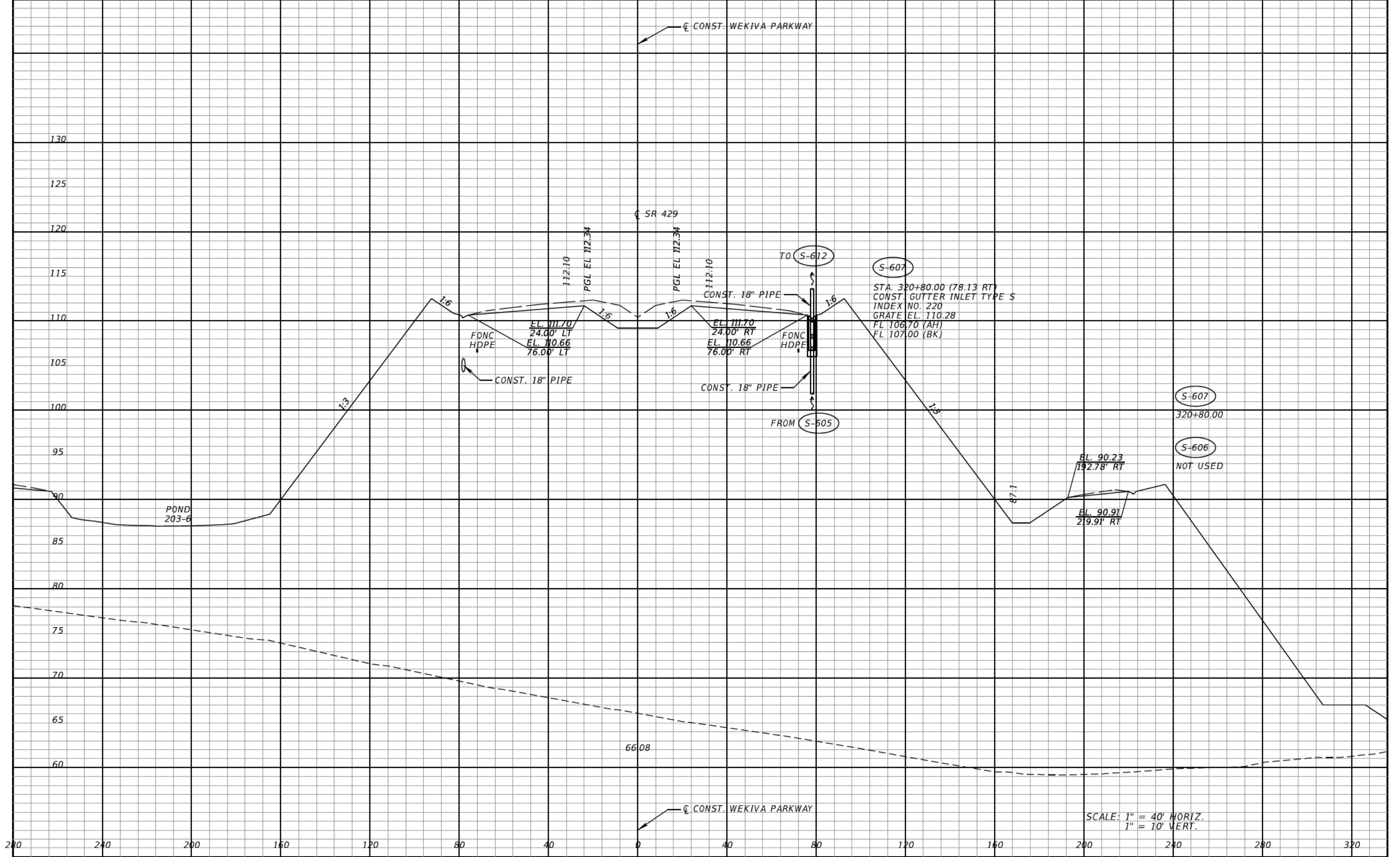
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



DRAINAGE STRUCTURES
 SR 429

SHEET NO.
 239



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

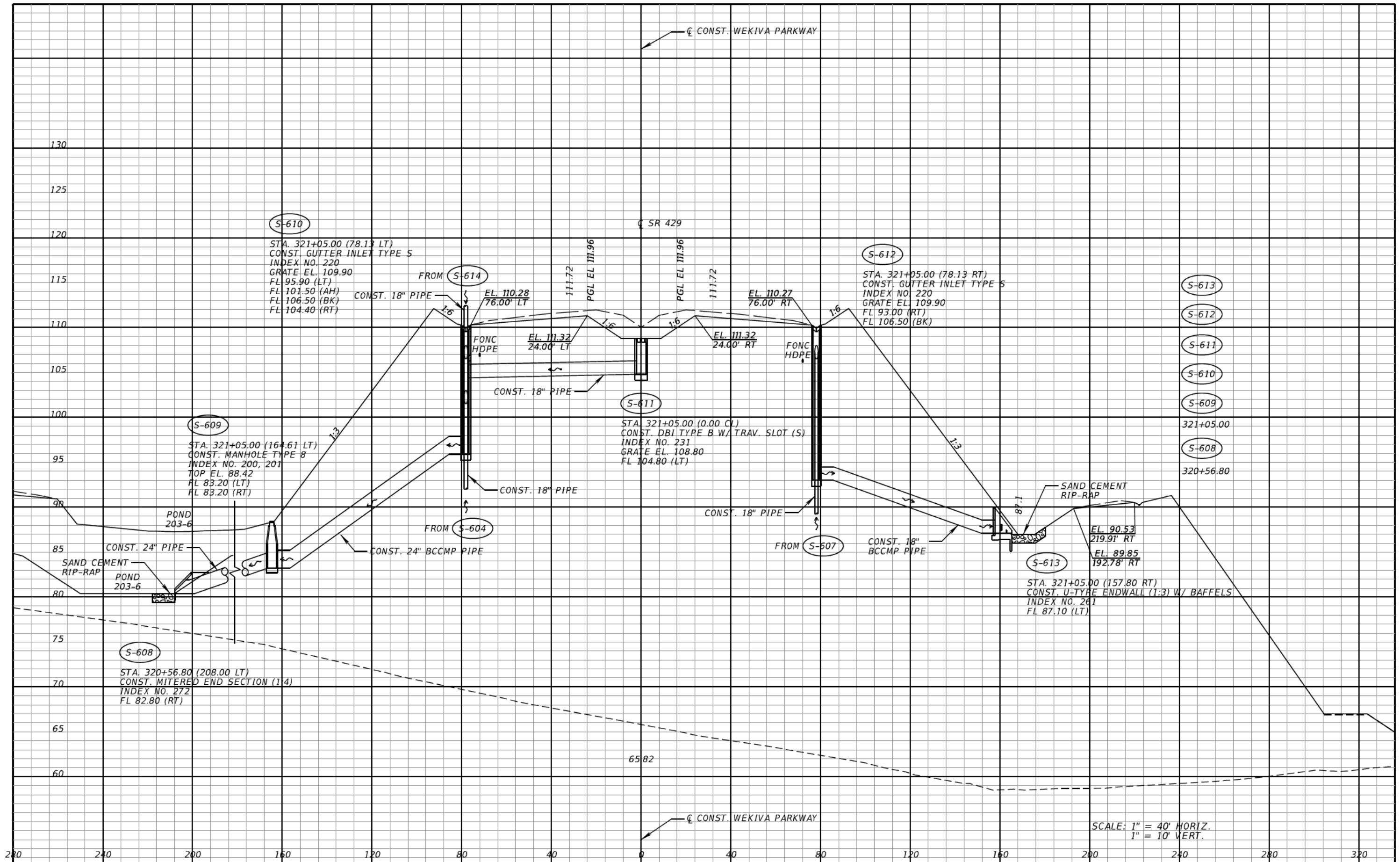
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO. 240



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

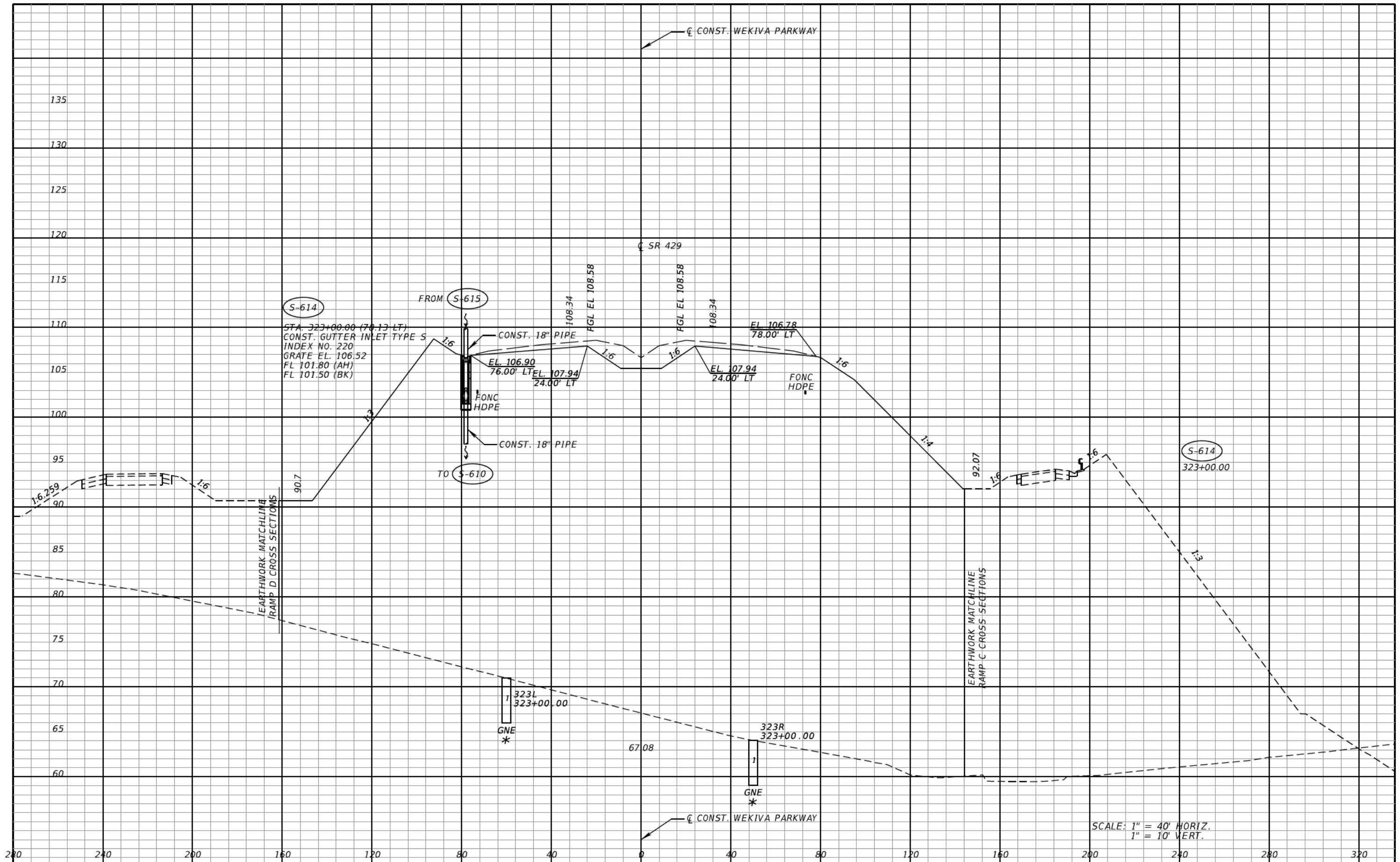
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

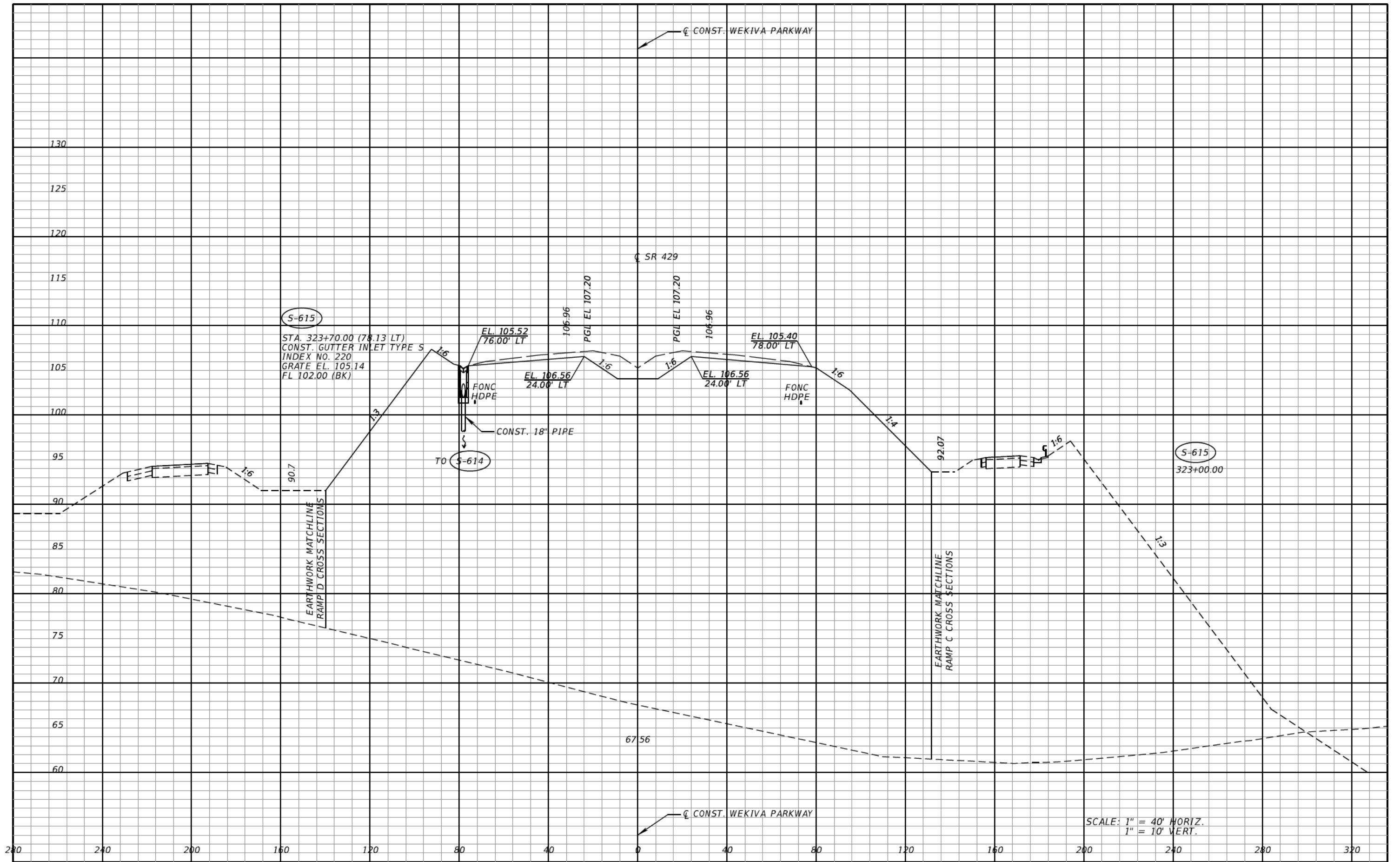
SHEET NO.
241



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS				CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 1221	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	DRAINAGE STRUCTURES		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.		SR 429		
					SR 429	429-203		SR 429		242

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S-615

STA. 323+70.00 (78.13 LT)
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 105.14
 FL 102.00 (BK)

EL. 105.52
 76.00' LT

EL. 106.56
 24.00' LT

SR 429

106.96
 PGI EL 107.20

PGI EL 107.20

104.96

EL. 105.40
 78.00' LT

EL. 106.56
 24.00' LT

FONC
 HDPE

CONST. 18" PIPE

TO S-614

S-615
 323+00.00

EARTHWORK MATCHLINE
 RAMP D CROSS SECTIONS

EARTHWORK MATCHLINE
 RAMP C CROSS SECTIONS

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

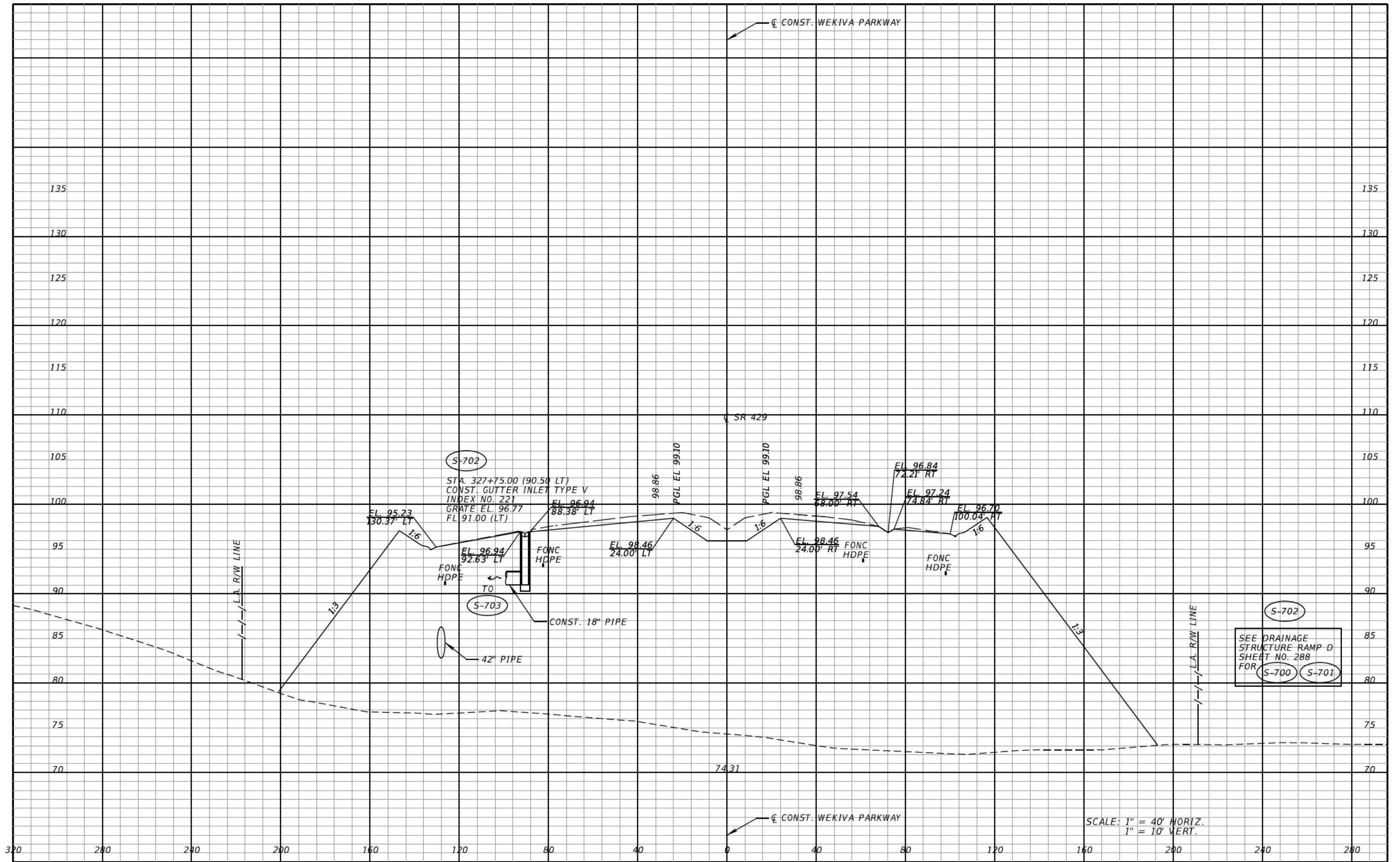
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO. SR 429	PROJECT NO. 429-203



DRAINAGE STRUCTURES
 SR 429

SHEET NO. 243



S-702
 STA. 327+75.00 (90.50' LT)
 CONST. GUTTER INLET TYPE V
 INDEX NO. 221
 GRATE EL. 96.77
 FL 91.00 (LT)

S-702
 SEE DRAINAGE
 STRUCTURE RAMP D
 SHEET NO. 288
 FOR S-700 S-701

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

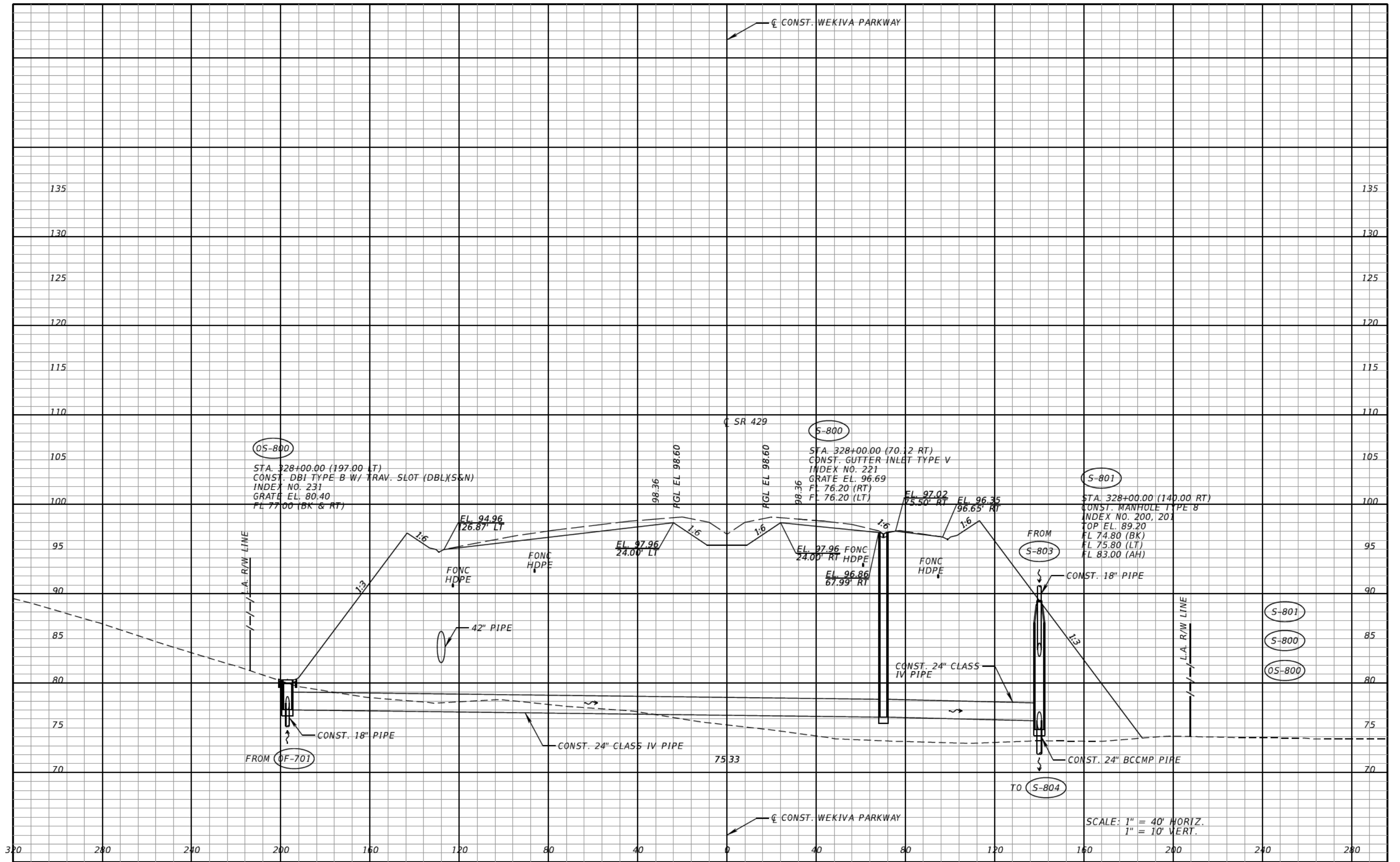
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
244



(S-800)

STA. 328+00.00 (197.00 LT)
 CONST. DBI TYPE B W/ TRAV. SLOT (DBL)(S&N)
 INDEX NO. 231
 GRATE EL. 80.40
 FL 77.00 (BK & RT)

(S-800)

STA. 328+00.00 (70.12 RT)
 CONST. GUTTER INLET TYPE V
 INDEX NO. 221
 GRATE EL. 96.69
 FL 76.20 (RT)
 FL 76.20 (LT)

(S-801)

STA. 328+00.00 (140.00 RT)
 CONST. MANHOLE TYPE 8
 INDEX NO. 200, 201
 TOP EL. 89.20
 FL 74.80 (BK)
 FL 75.80 (LT)
 FL 83.00 (AH)

(S-801)

(S-800)

(OS-800)

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

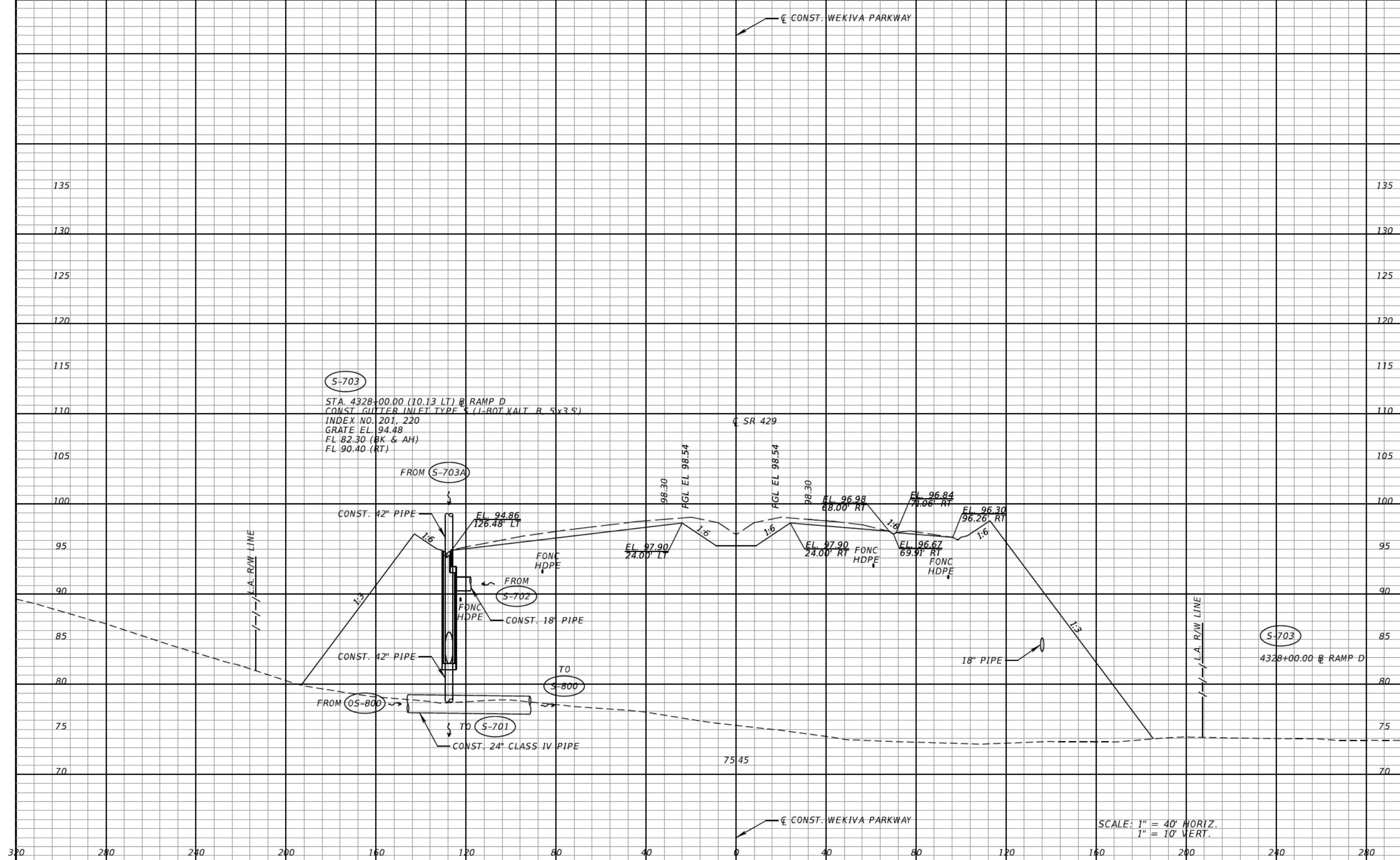
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
245



REVISIONS	
DATE	DESCRIPTION

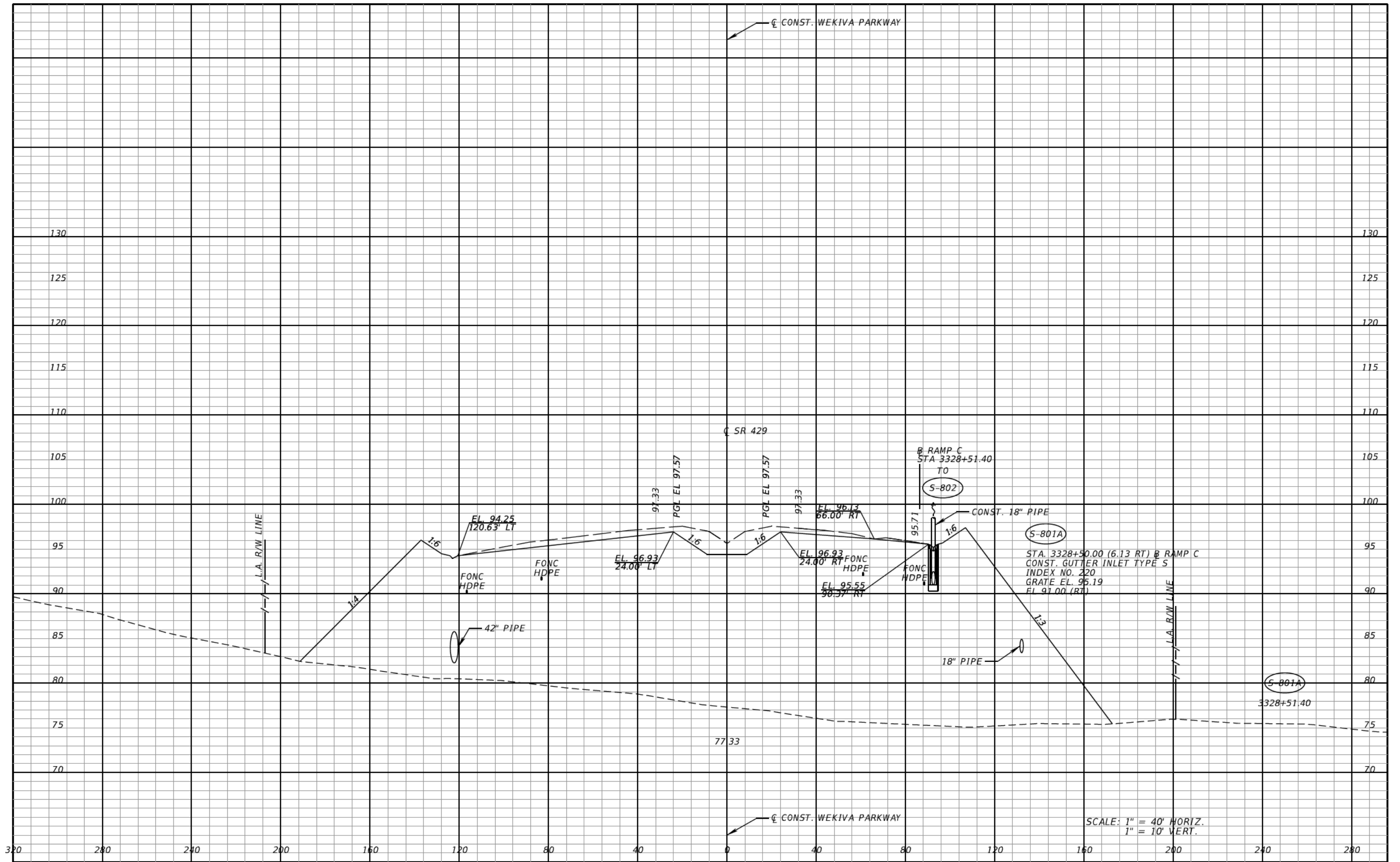
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

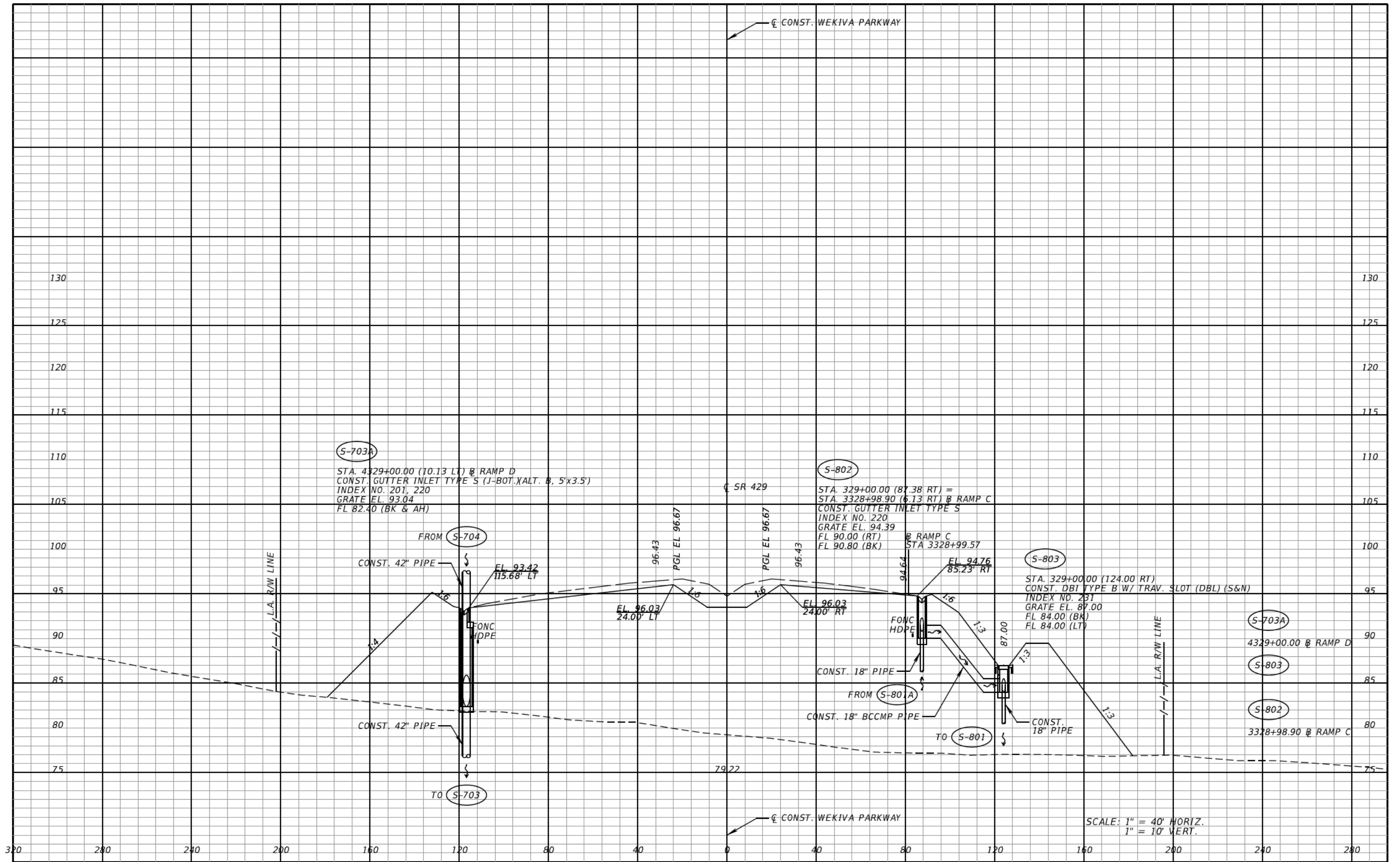
SHEET NO.
246



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS		REVISIONS		CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 1221	CENTRAL FLORIDA EXPRESSWAY AUTHORITY	CFX	DRAINAGE STRUCTURES SR 429	SHEET NO. 247
DATE	DESCRIPTION	DATE	DESCRIPTION					
					SR 429	429-203		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

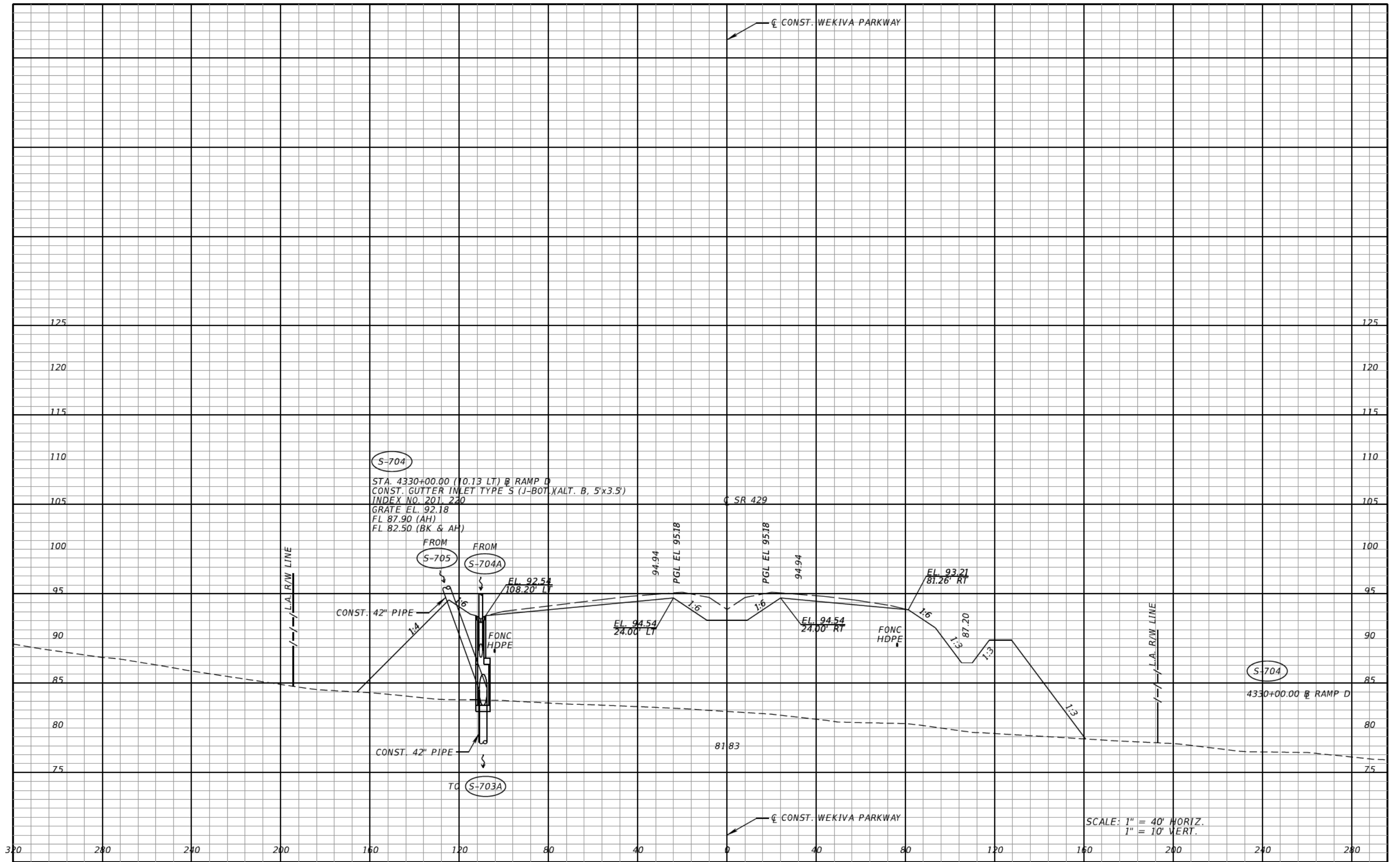
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



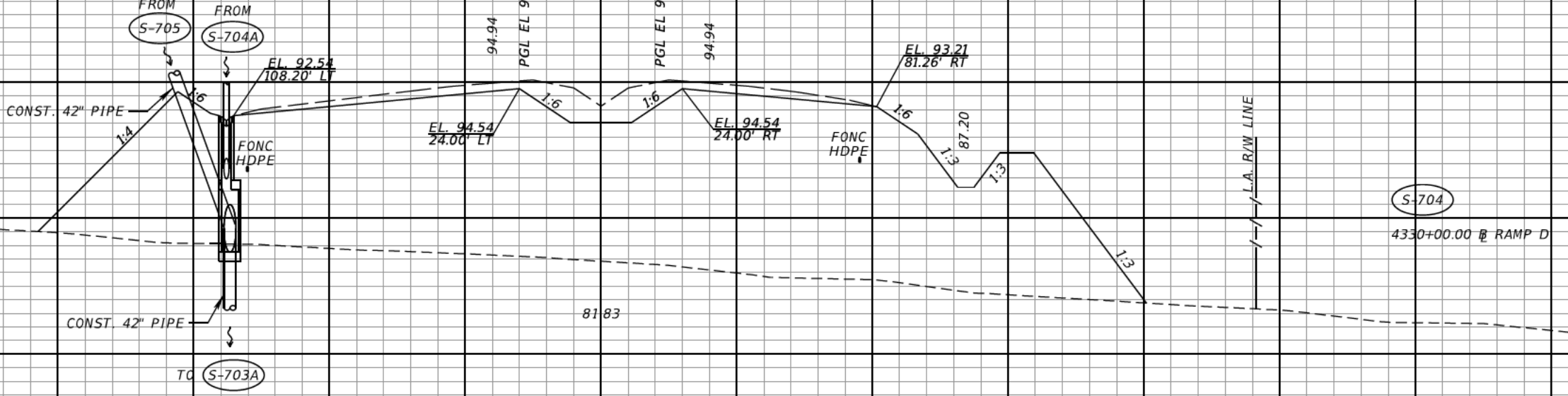
DRAINAGE STRUCTURES
SR 429

SHEET NO. 248

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.



(S-704)
 STA. 4330+00.00 (10.13 LT) @ RAMP D
 CONST. GUTTER INLET TYPE S (J-BOT) XALT. B, 5'x3.5'
 INDEX NO. 201, 220
 GRATE EL. 92.18
 FL 87.90 (AH)
 FL 82.50 (BK & AH)



REVISIONS	
DATE	DESCRIPTION

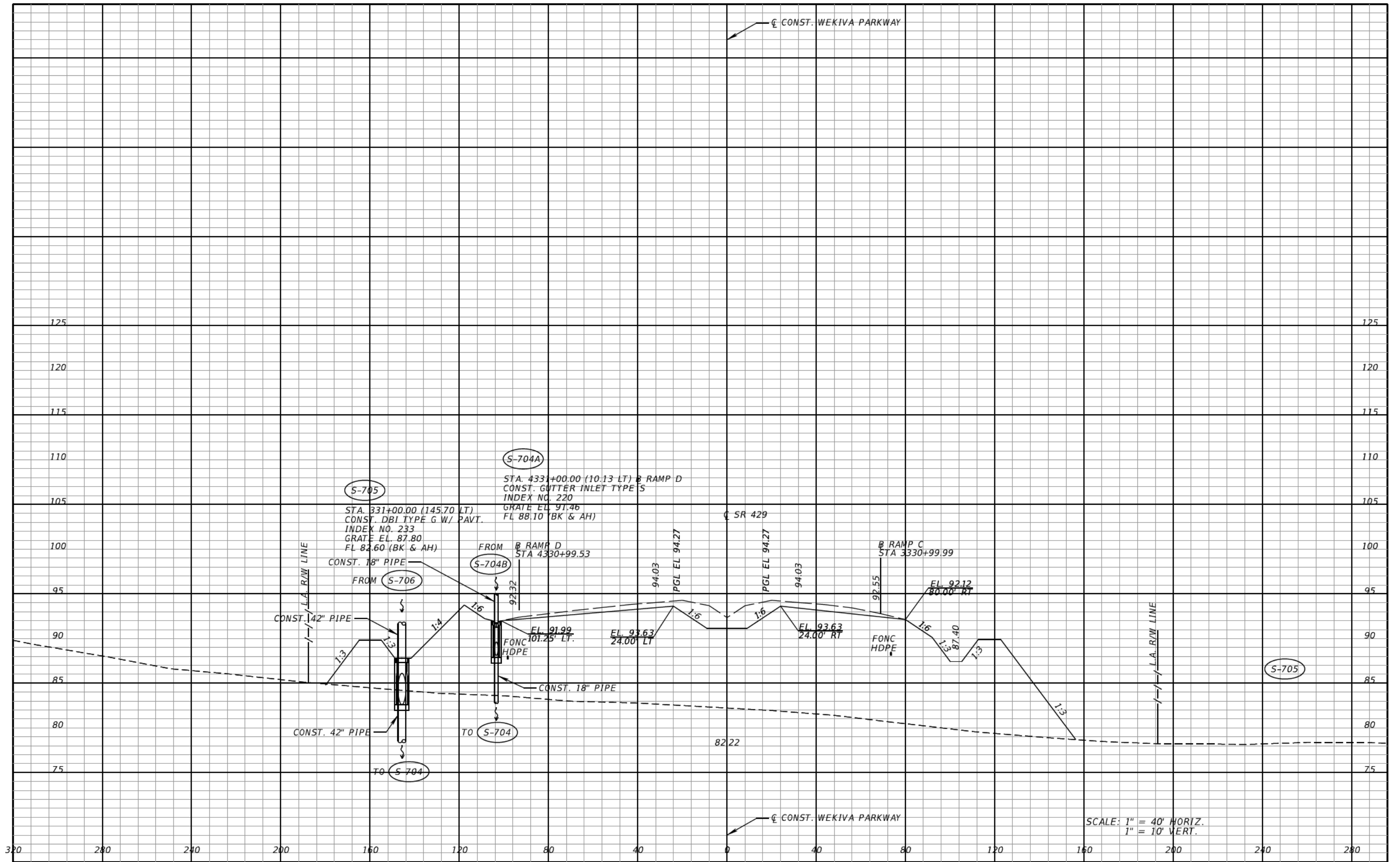
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
249



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

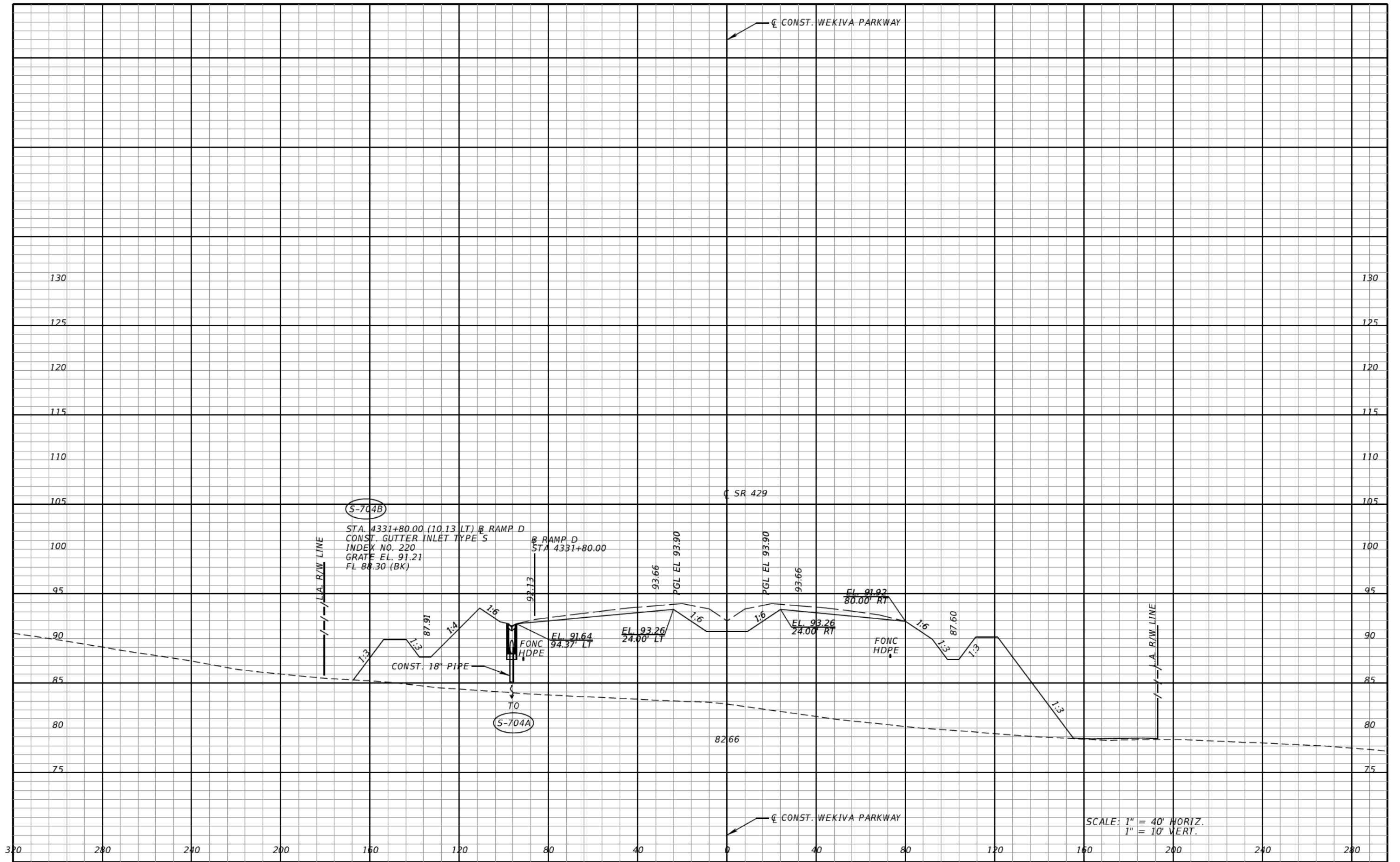
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
250



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

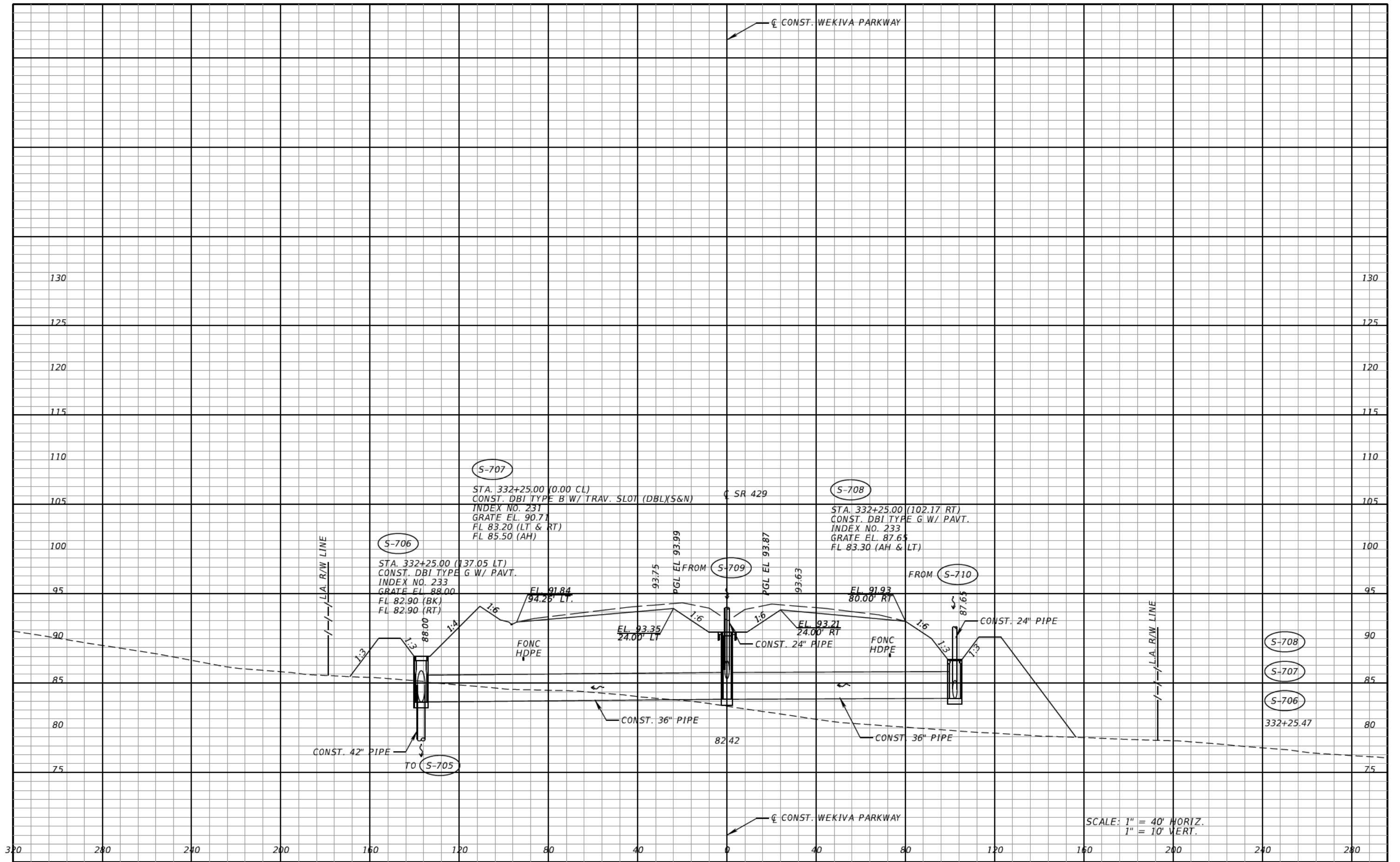
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
251

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.



REVISIONS	
DATE	DESCRIPTION

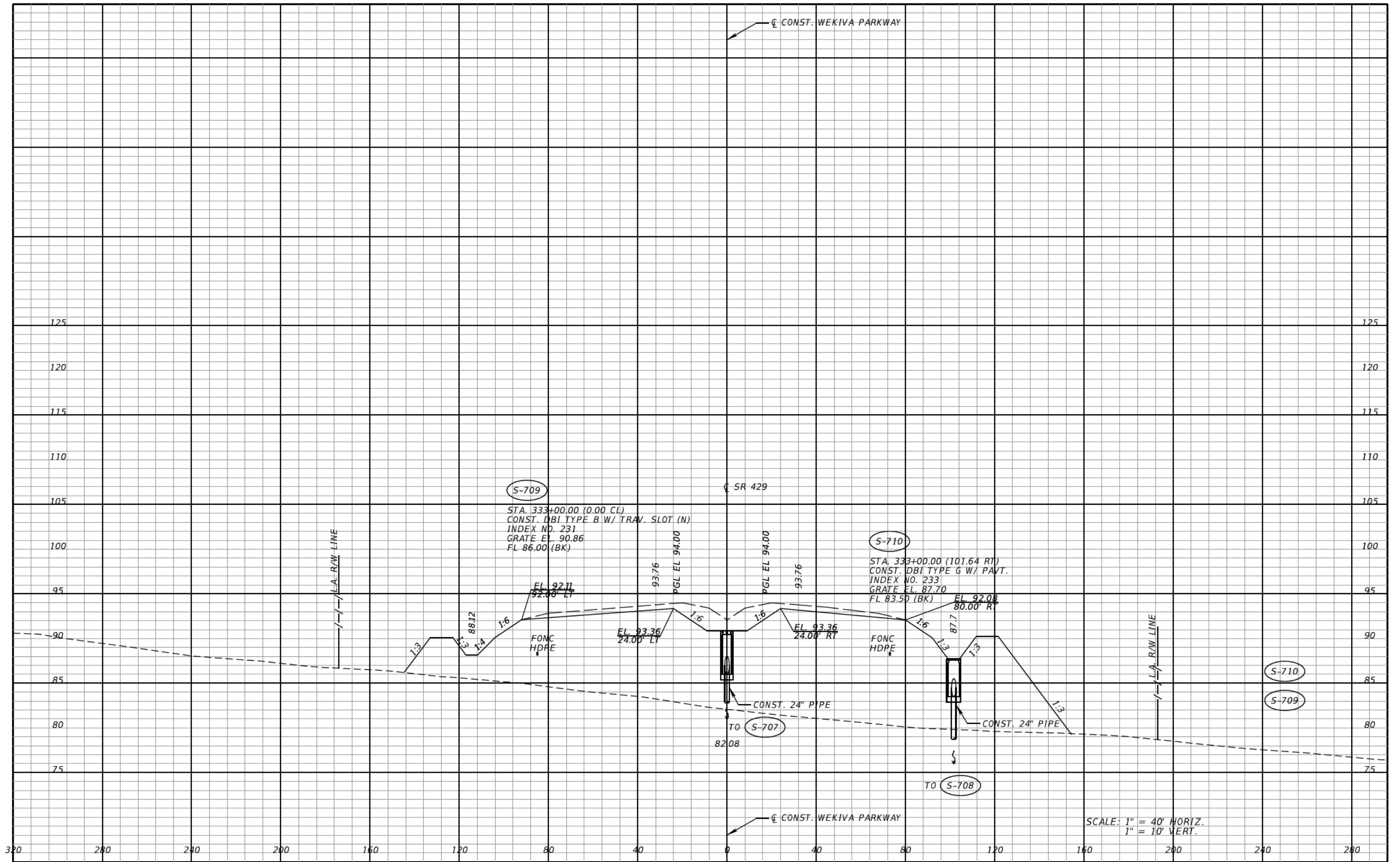
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO. 252



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

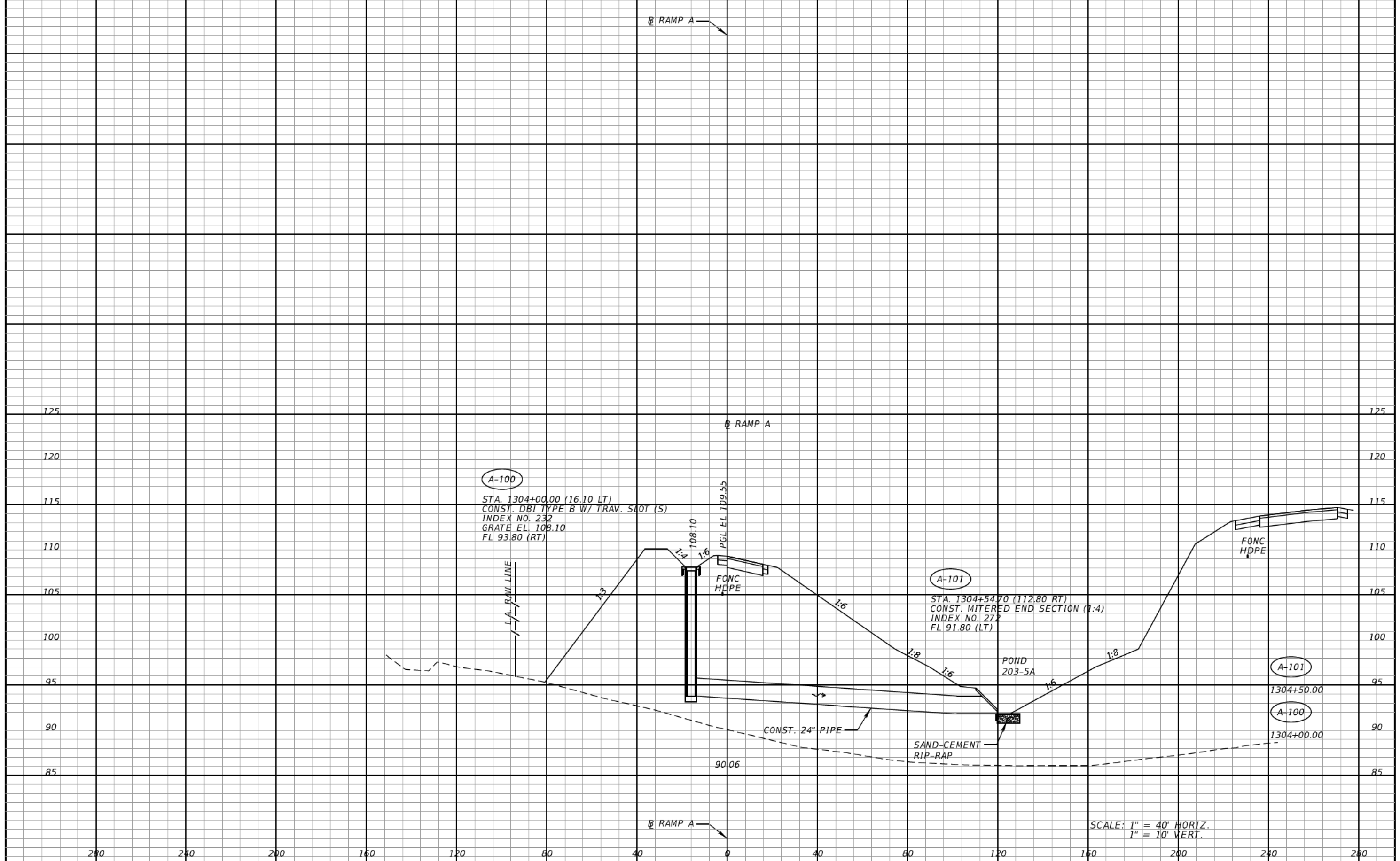
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
SR 429

SHEET NO.
253



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

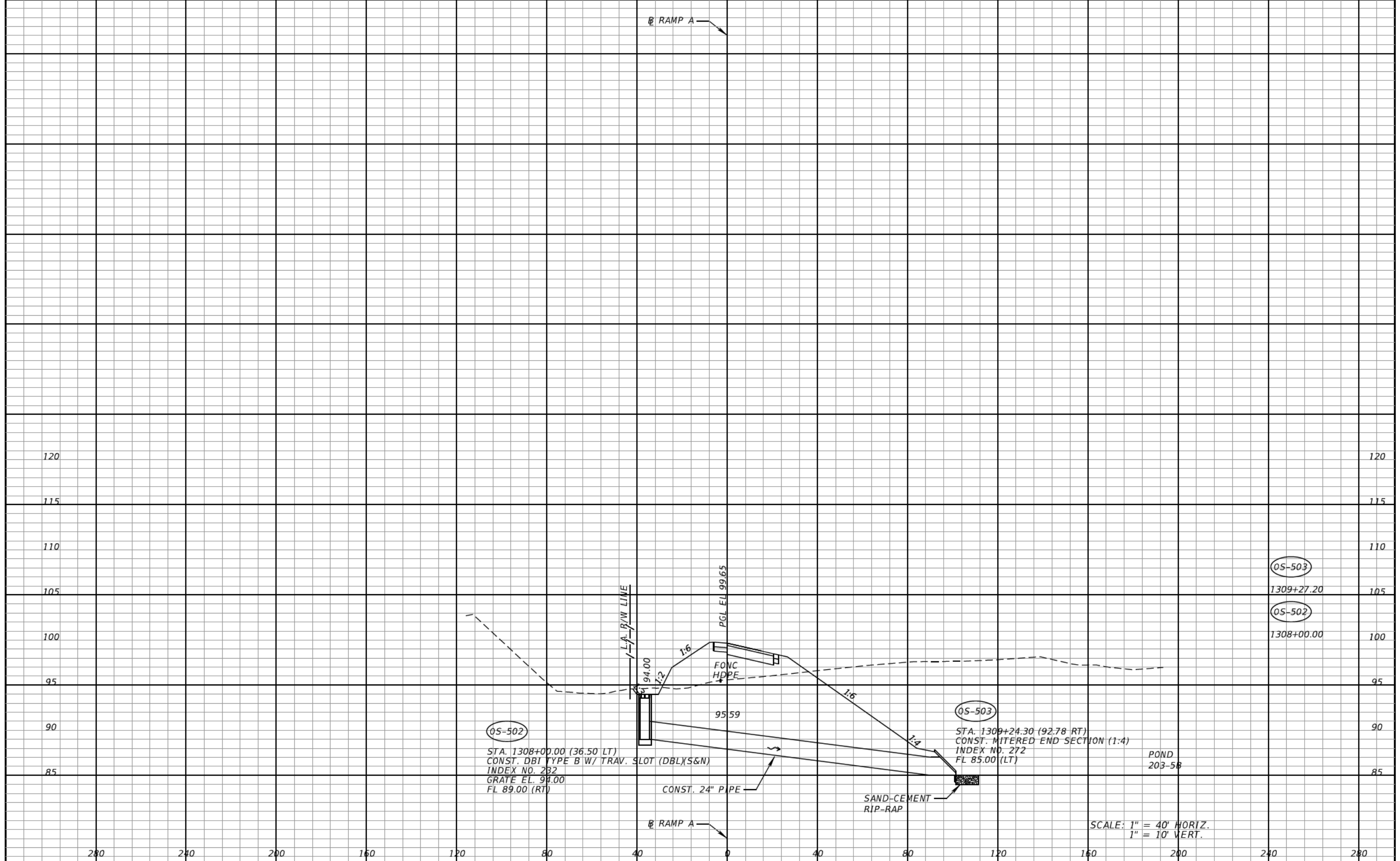
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
RAMP A

SHEET NO.
254



OS-502
 STA. 1308+00.00 (36.50 LT)
 CONST. DBI TYPE B'W/ TRAV. SLOT (DBL)(S&N)
 INDEX NO. 232
 GRATE EL. 94.00
 FL 89.00 (RT)

OS-503
 STA. 1309+24.30 (92.78 RT)
 CONST. MITERED END SECTION (1:4)
 INDEX NO. 272
 FL 85.00 (LT)

OS-503
 1309+27.20
 OS-502
 1308+00.00

POND
 203-58

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

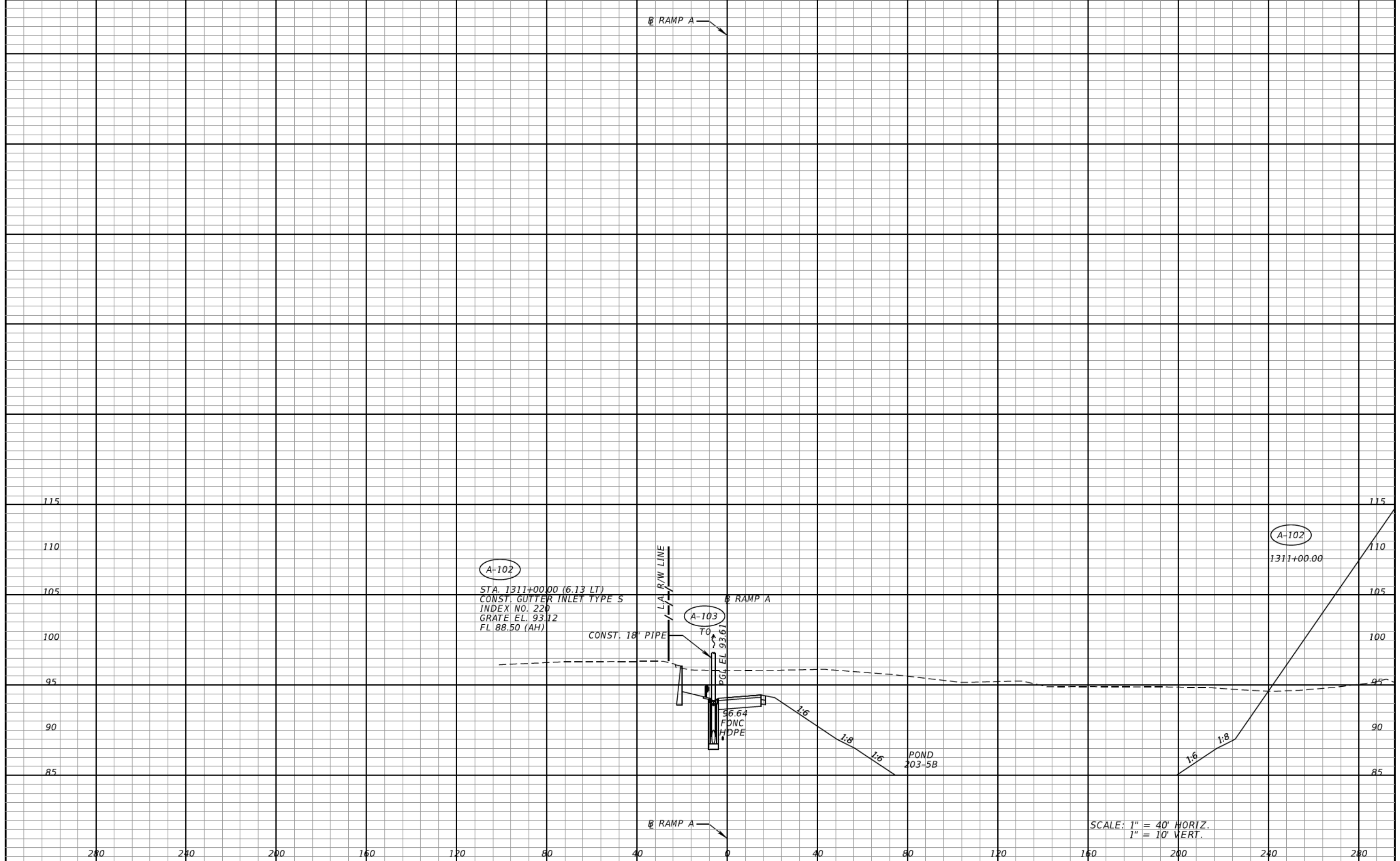
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
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DRAINAGE STRUCTURES
RAMP A

SHEET NO.
 255



A-102
 STA. 1311+00.00 (6.13 LT)
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 93.12
 FL 88.50 (AH)

A-102
 1311+00.00

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

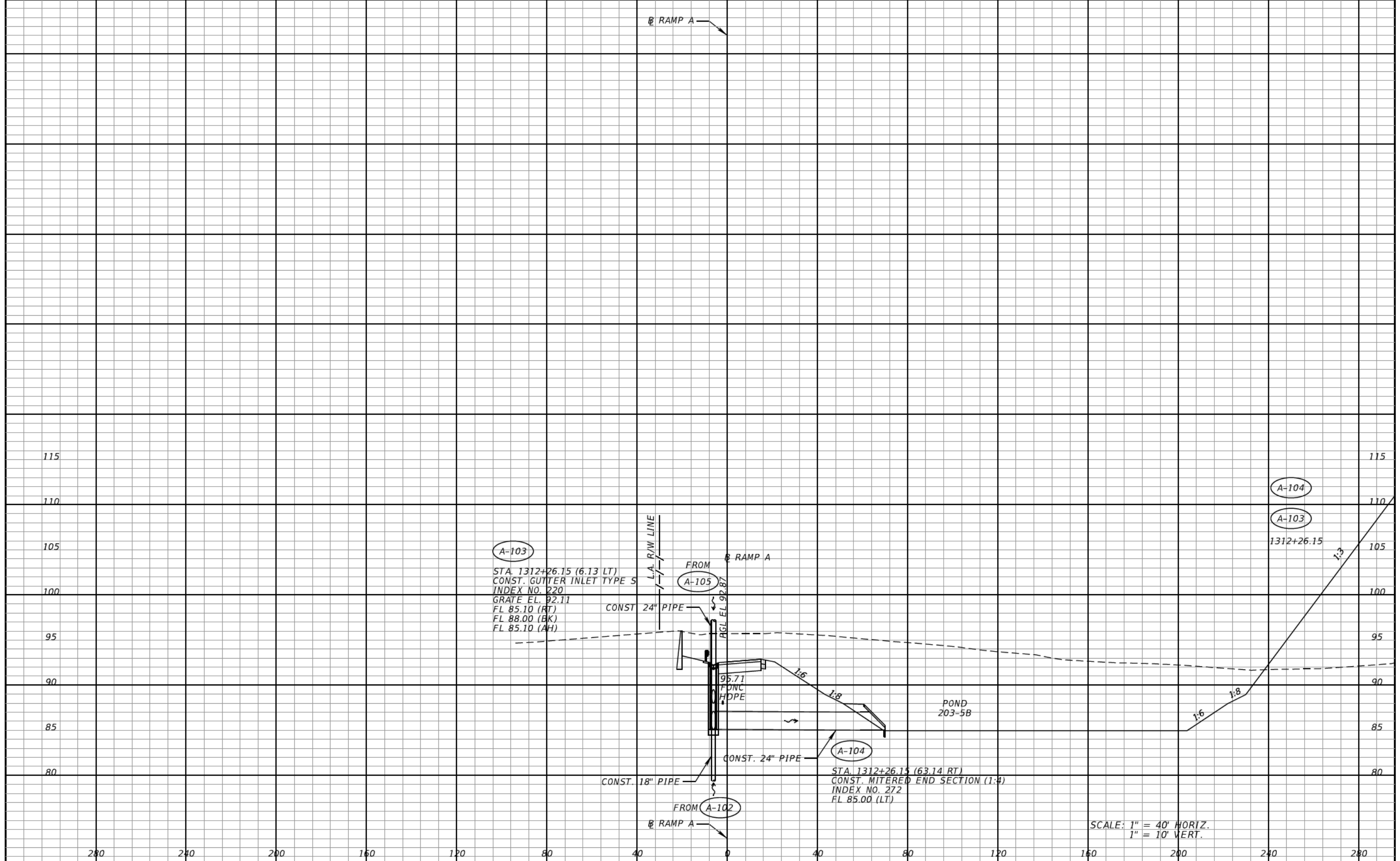
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP A

SHEET NO.
256



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

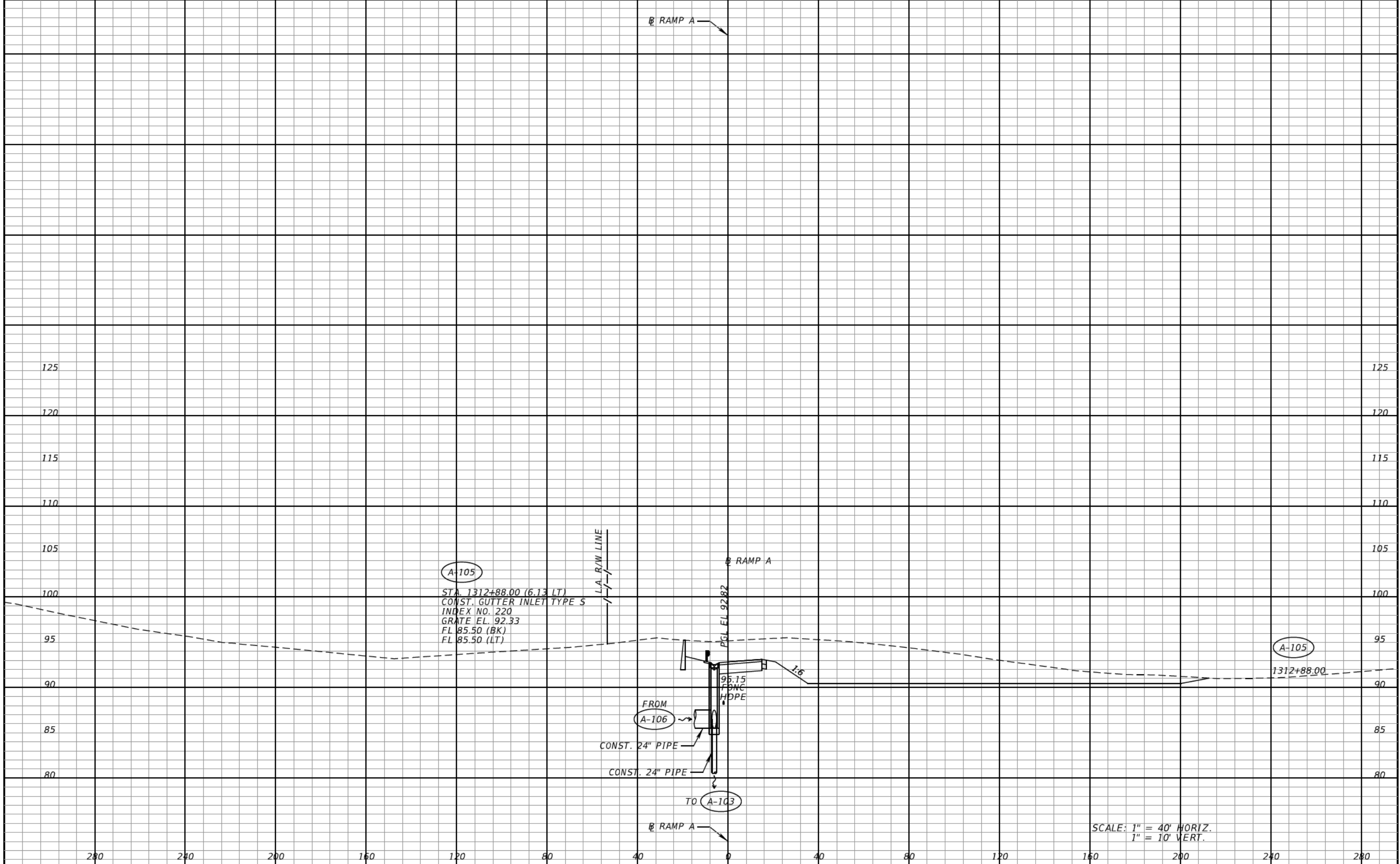
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



DRAINAGE STRUCTURES RAMP A

SHEET NO. 257



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

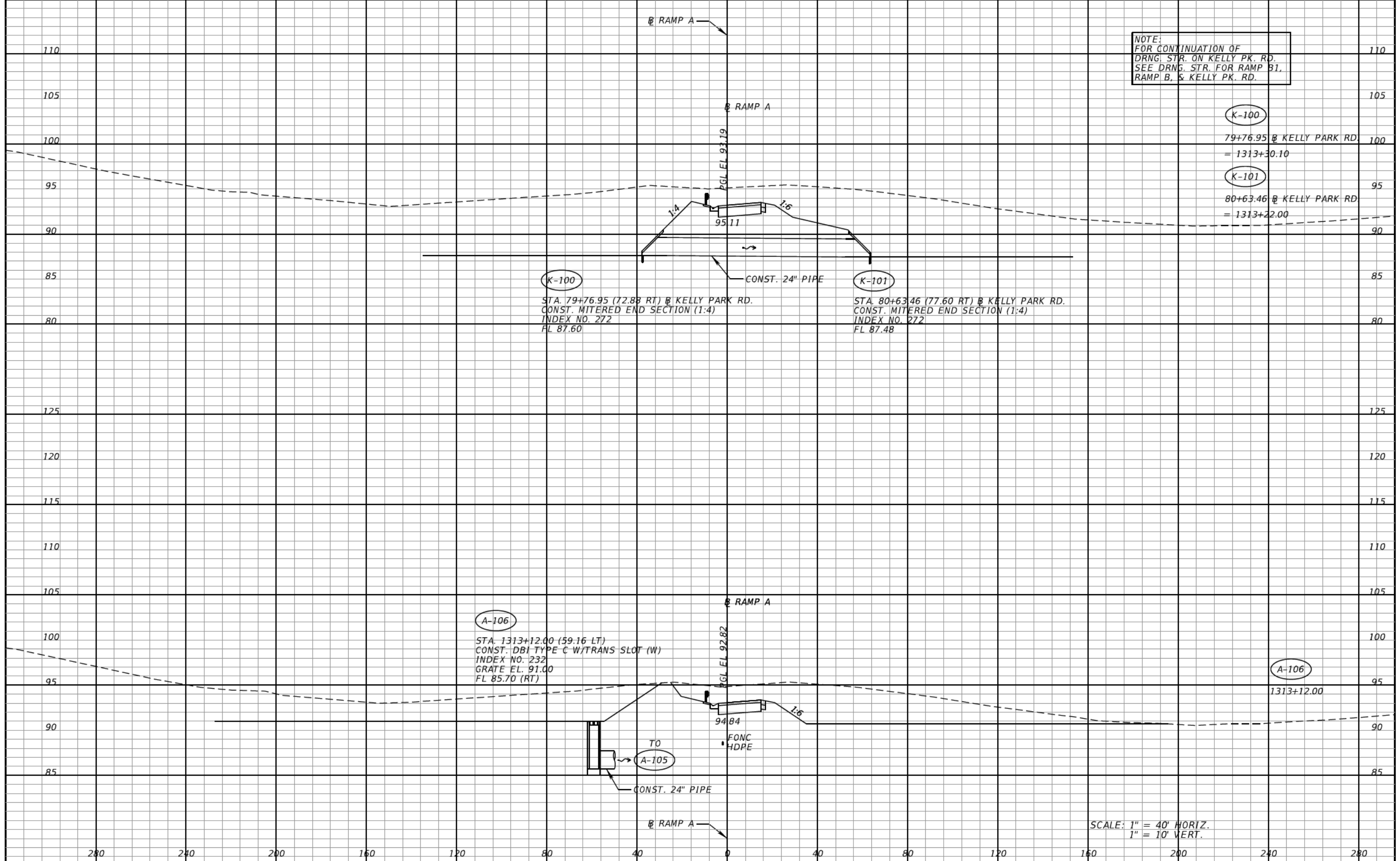
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP A

SHEET NO.
258

NOTE:
FOR CONTINUATION OF
DRNG. STR. ON KELLY PK. RD.
SEE DRNG. STR. FOR RAMP B1,
RAMP B, & KELLY PK. RD.



(K-100)
79+76.95 @ KELLY PARK RD.
= 1313+30.10
(K-101)
80+63.46 @ KELLY PARK RD.
= 1313+22.00

(K-100)
STA. 79+76.95 (72.88 RT) @ KELLY PARK RD.
CONST. MITERED END SECTION (1:4)
INDEX NO. 272
FL 87.60

CONST. 24" PIPE

(K-101)
STA. 80+63.46 (77.60 RT) @ KELLY PARK RD.
CONST. MITERED END SECTION (1:4)
INDEX NO. 272
FL 87.48

(A-106)
STA. 1313+12.00 (59.16 LT)
CONST. DBI-TYPE C W/TRANS SLOT (W)
INDEX NO. 232
GRATE EL. 91.00
FL 85.70 (RT)

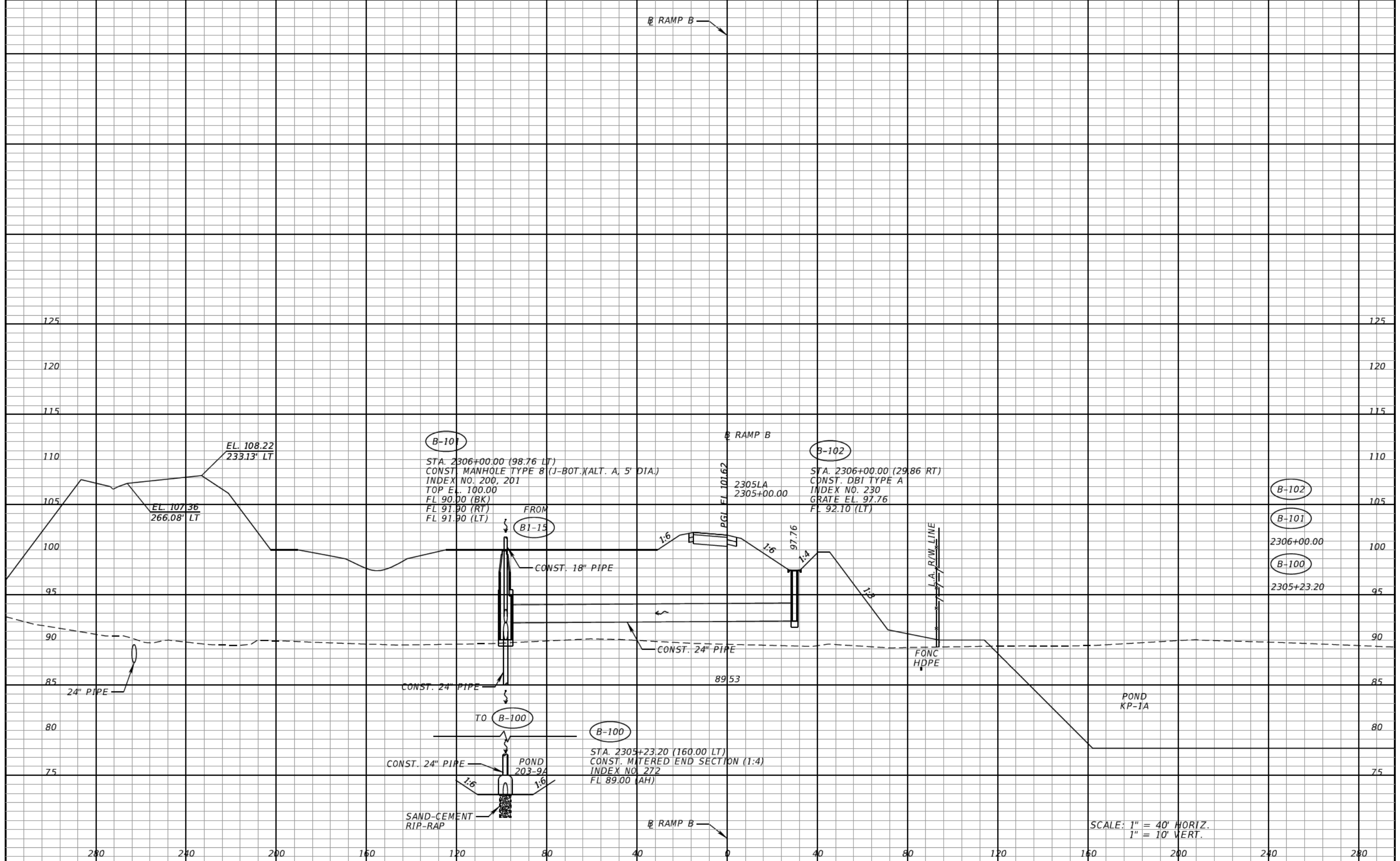
(A-106)
1313+12.00

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 1221		CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	DRAINAGE STRUCTURES RAMP A	SHEET NO. 259
ROAD NO. SR 429	PROJECT NO. 429-203					

psand 3/25/2015 6:15:30 AM S:\EA11 Wekiva_Pkwy_00CEA\SR_429\drainage\DRXSRD_RA.DGN



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

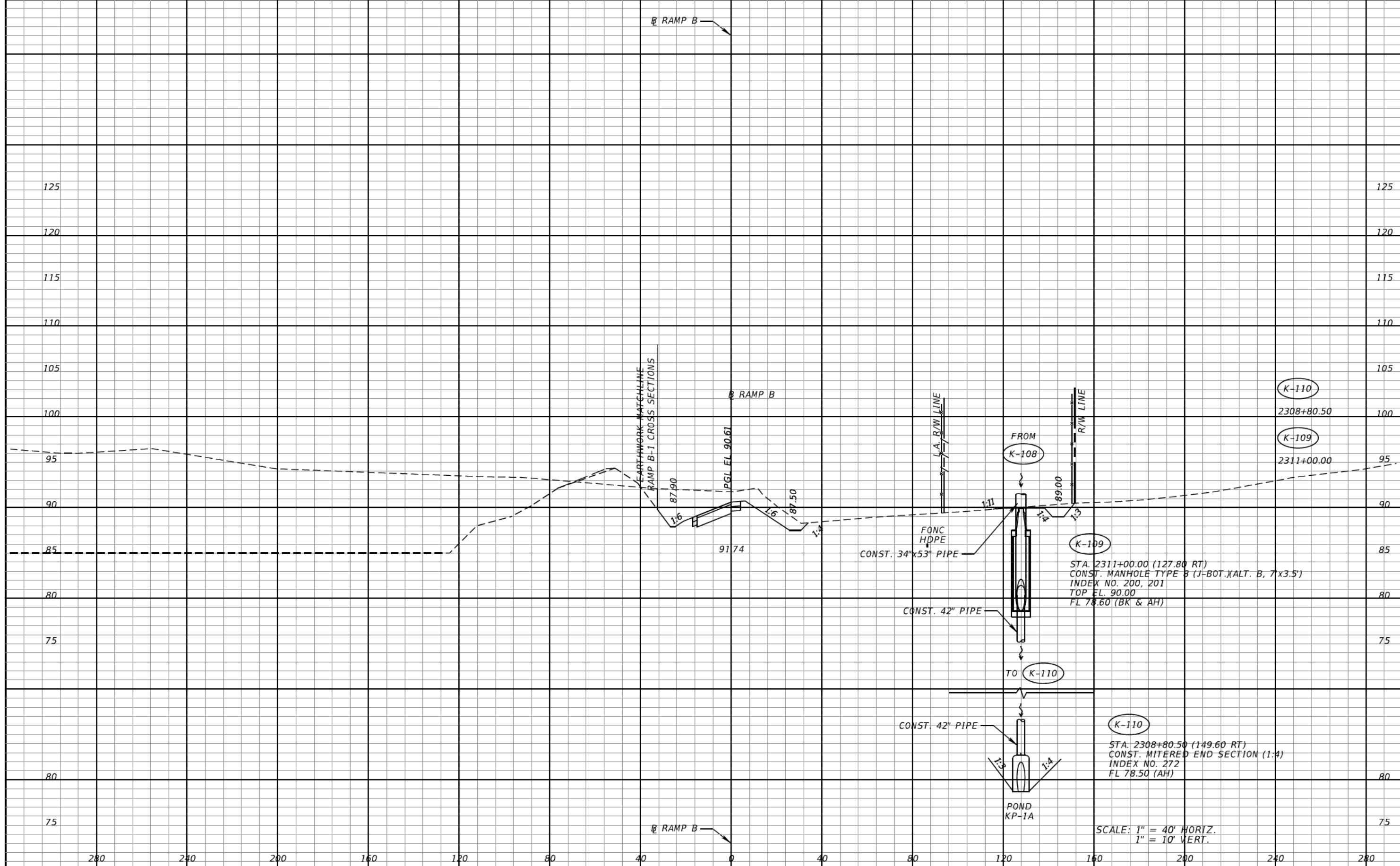
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP B

SHEET NO.
260



REVISIONS	
DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

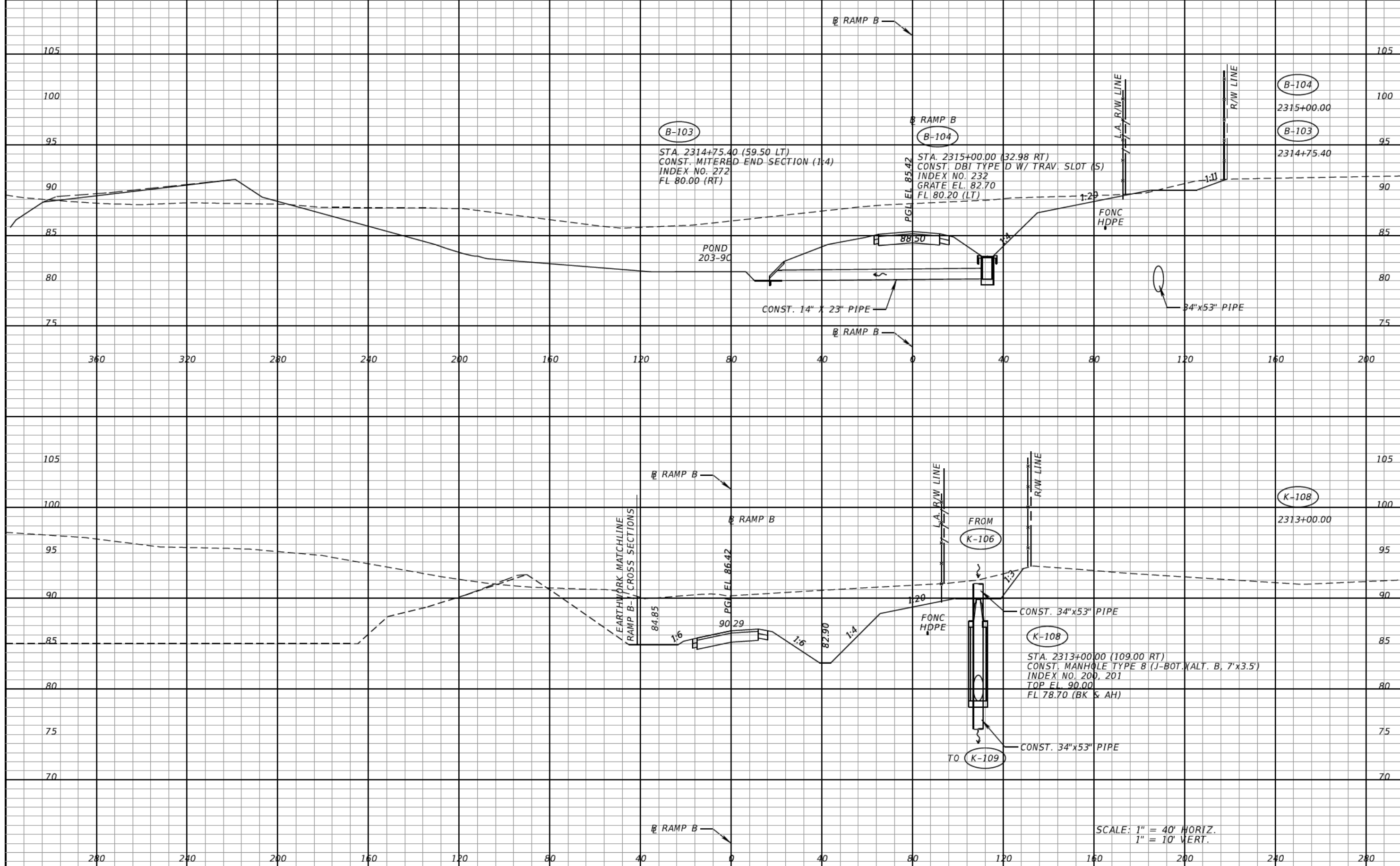
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP B

SHEET NO.
261



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

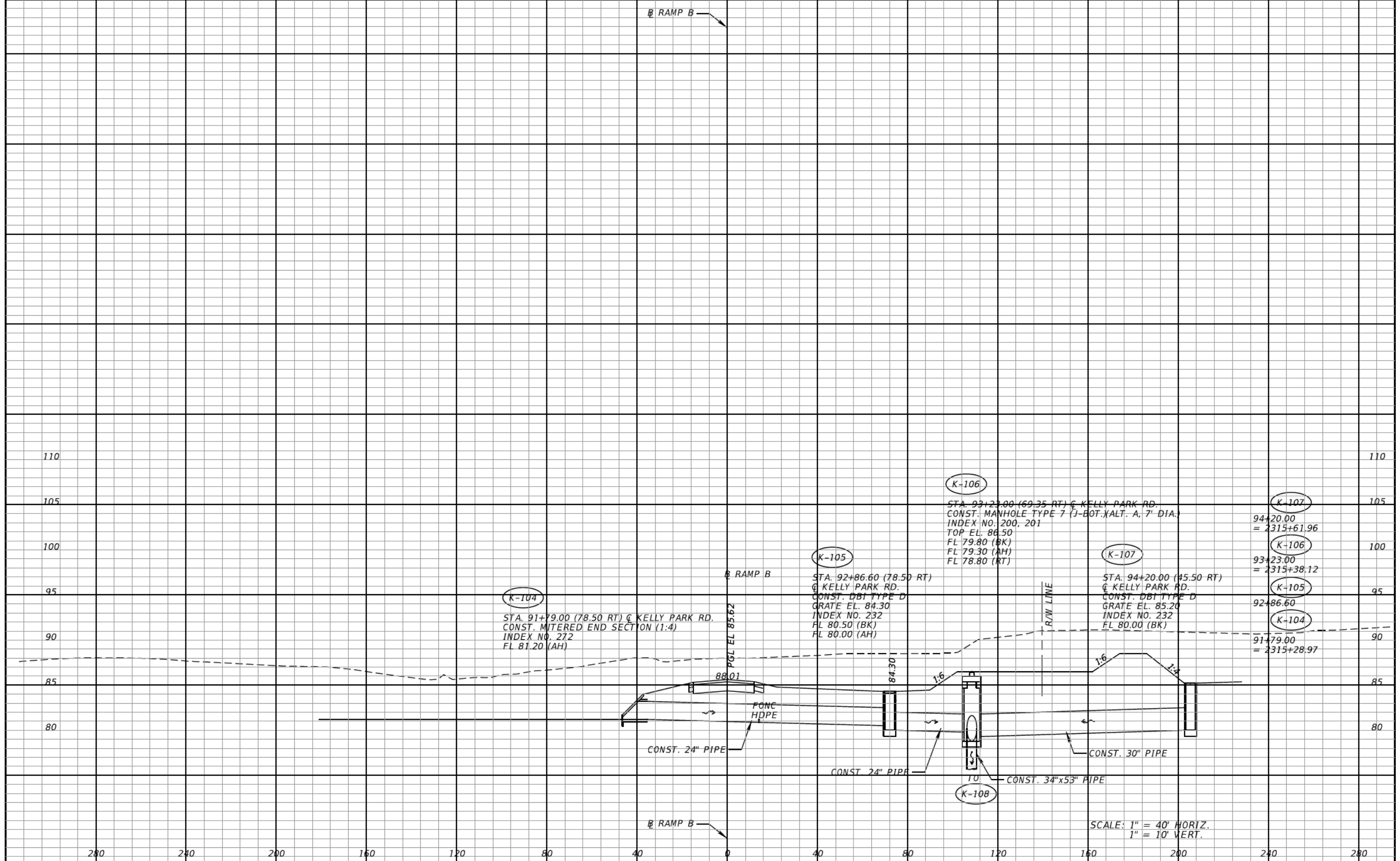
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP B

SHEET NO.
262



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

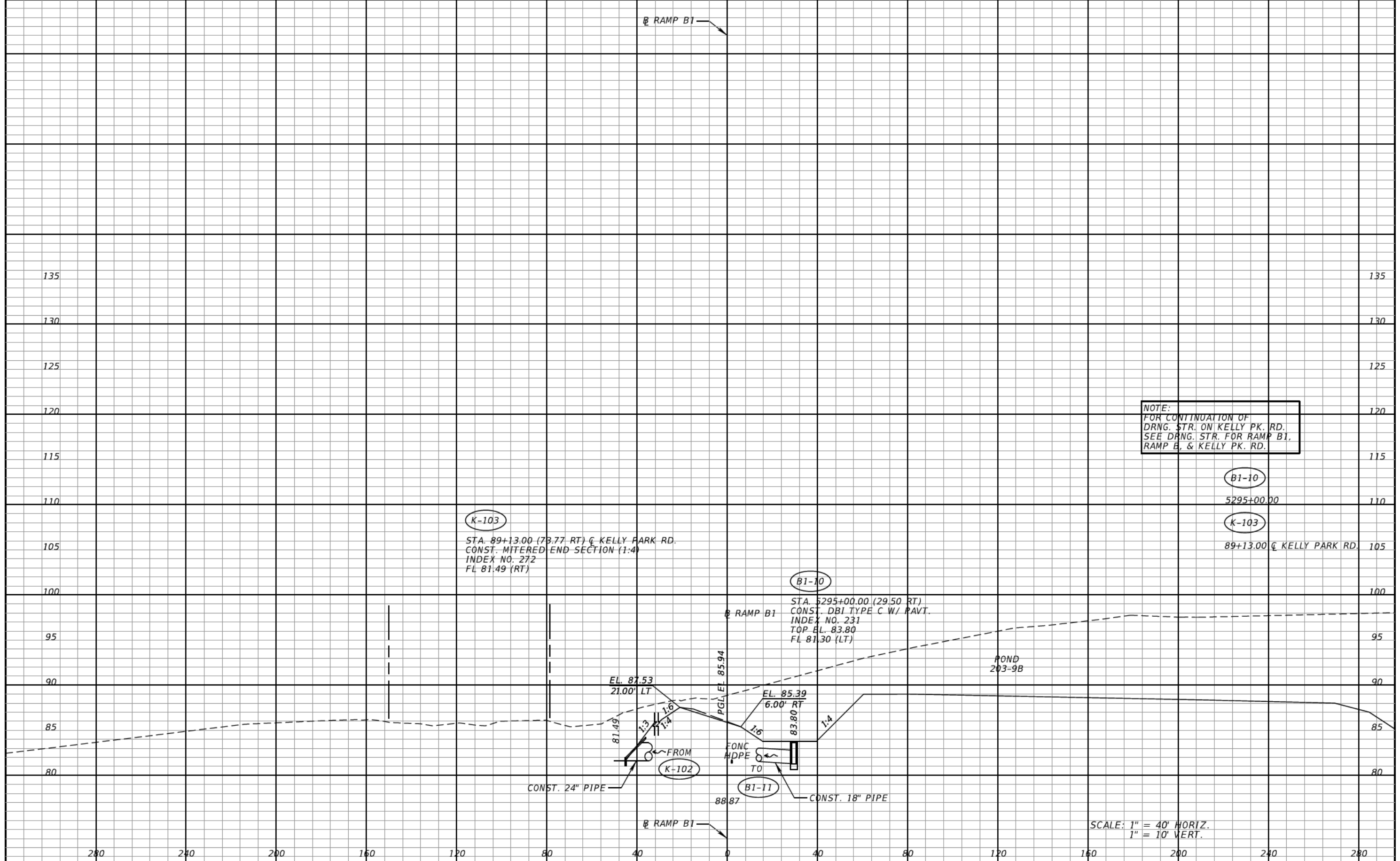
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP B

SHEET NO.
263



NOTE:
 FOR CONTINUATION OF
 DRNG. STR. ON KELLY PK. RD.
 SEE DRNG. STR. FOR RAMP B1,
 RAMP B, & KELLY PK. RD.

(K-103)
 STA. 89+13.00 (79.77 RT) C KELLY PARK RD.
 CONST. MITERED END SECTION (1:4)
 INDEX NO. 272
 FL 81.49 (RT)

(B1-10)
 STA. 5295+00.00 (29.50 RT)
 CONST. DBI TYPE C W/ RAFT.
 INDEX NO. 231
 TOP EL. 83.80
 FL 81.30 (LT)

(B1-10)
 5295+00.00
 (K-103)
 89+13.00 C KELLY PARK RD.

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

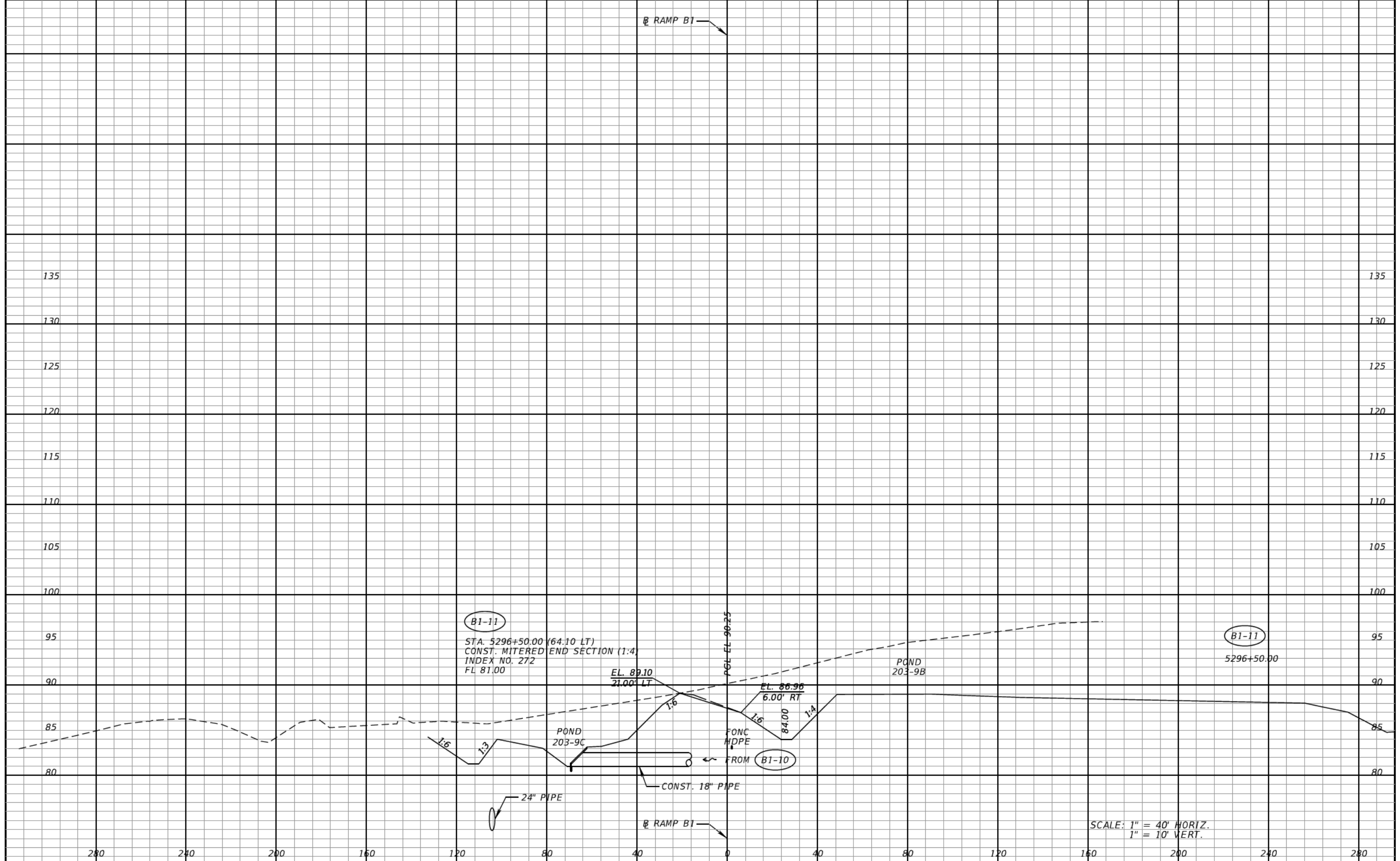
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP B1

SHEET NO.
264



(B1-11)
 STA. 5296+50.00 (64.10 LT)
 CONST. MITERED END SECTION (1:4)
 INDEX NO. 272
 FL 81.00

(B1-11)
 5296+50.00

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

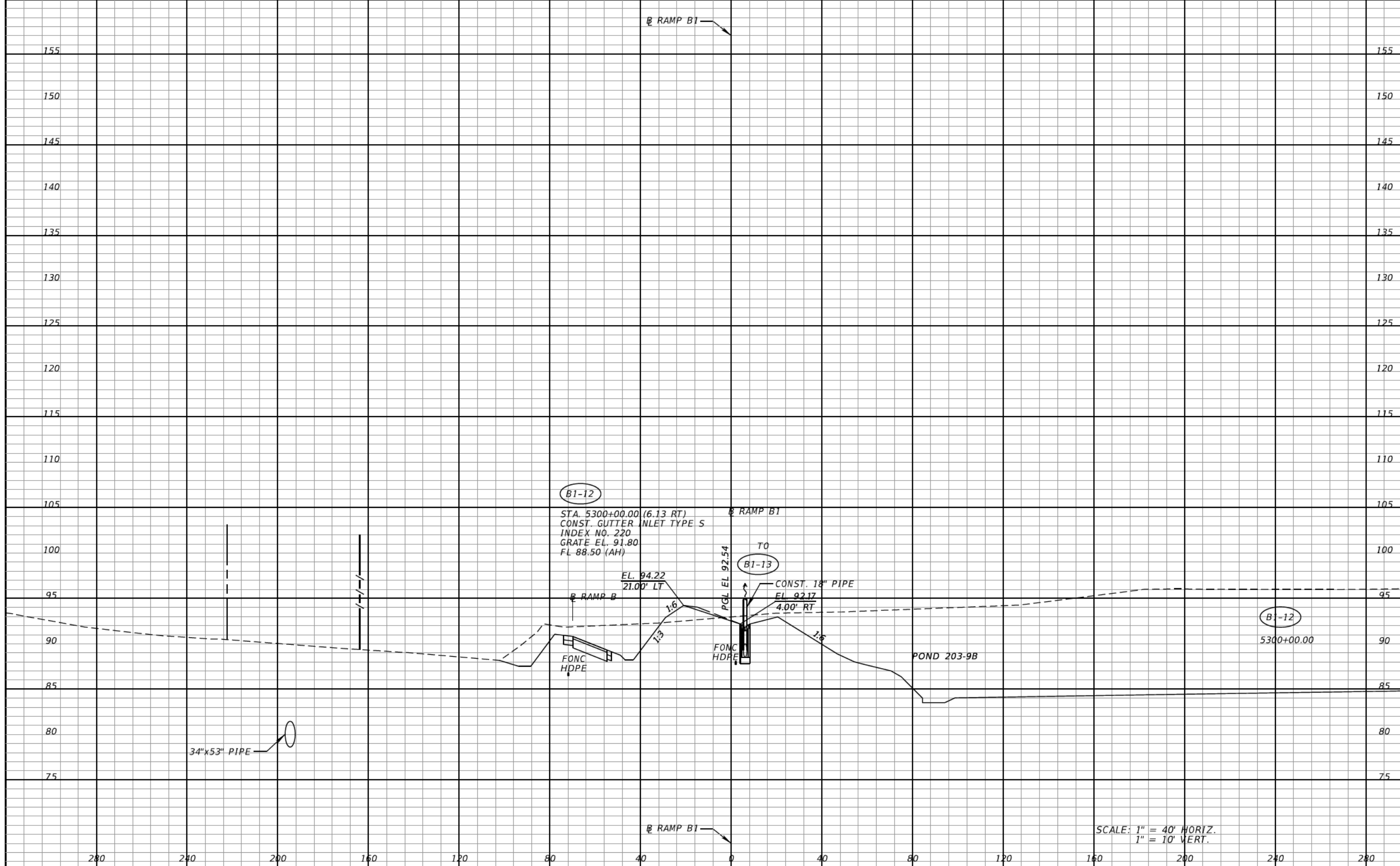
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP B1

SHEET NO.
 265



REVISIONS	
DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

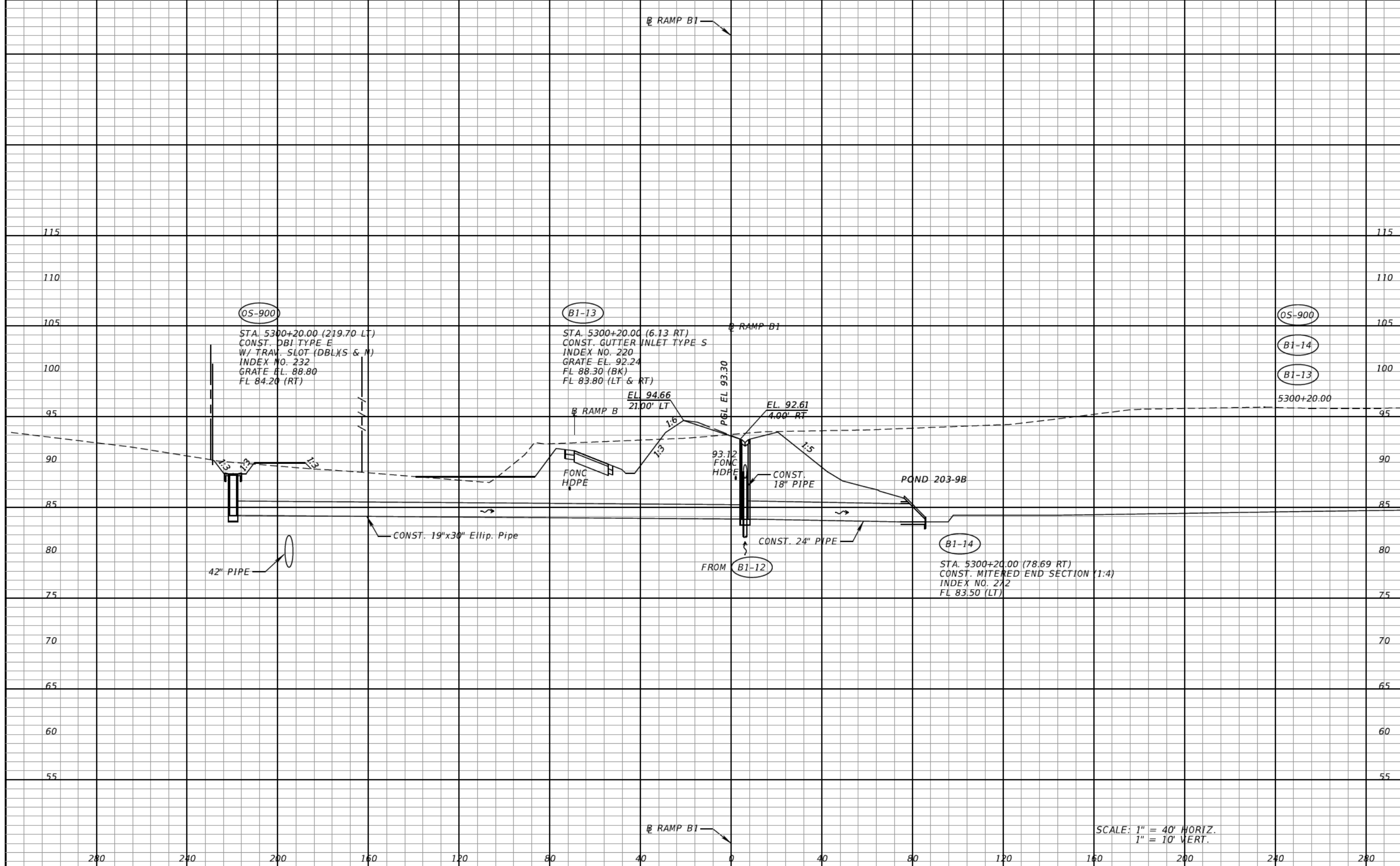
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP B1

SHEET NO.
266



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

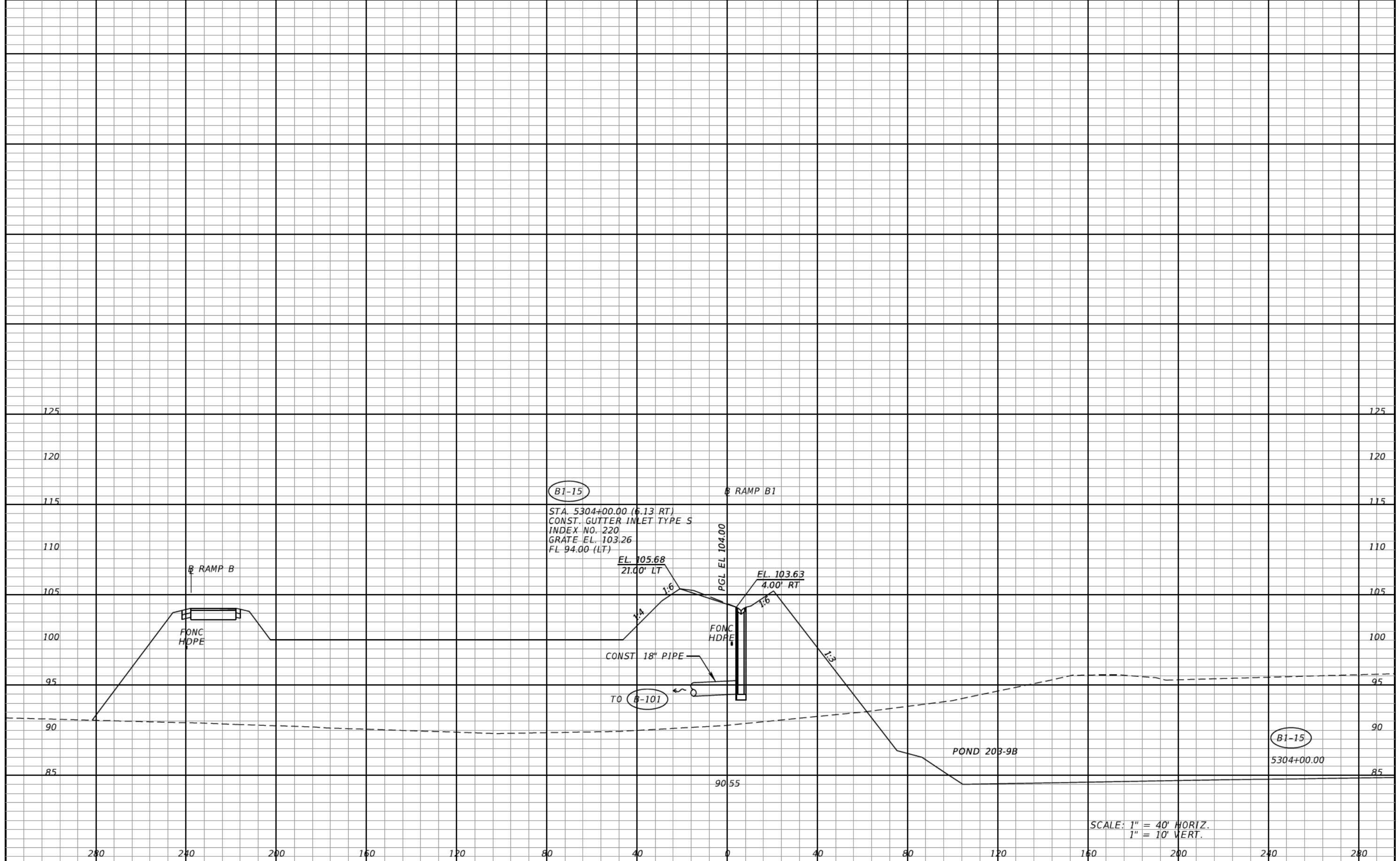
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**DRAINAGE STRUCTURES
RAMP B1**

SHEET NO.
267



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

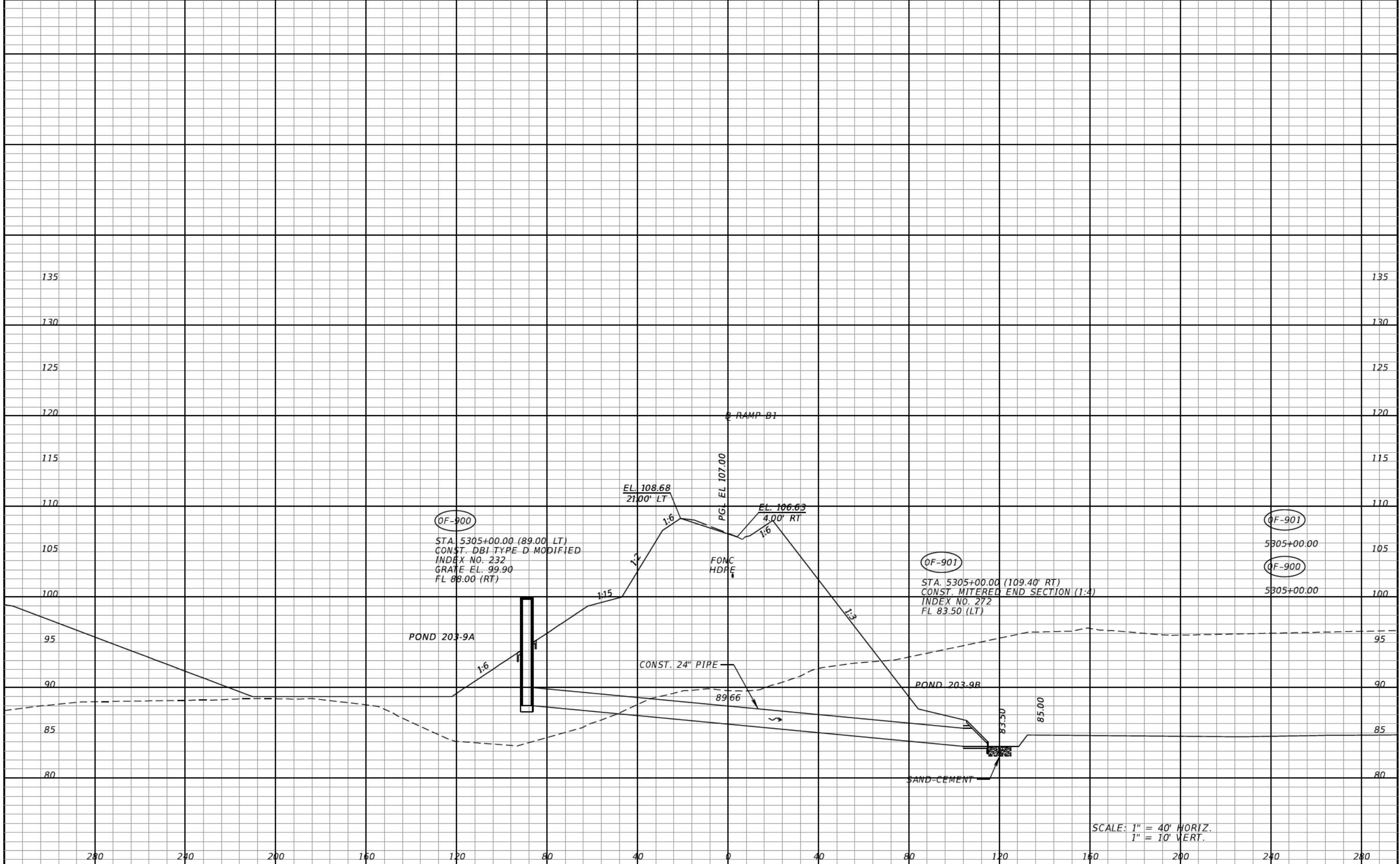
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP B1

SHEET NO.
268



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

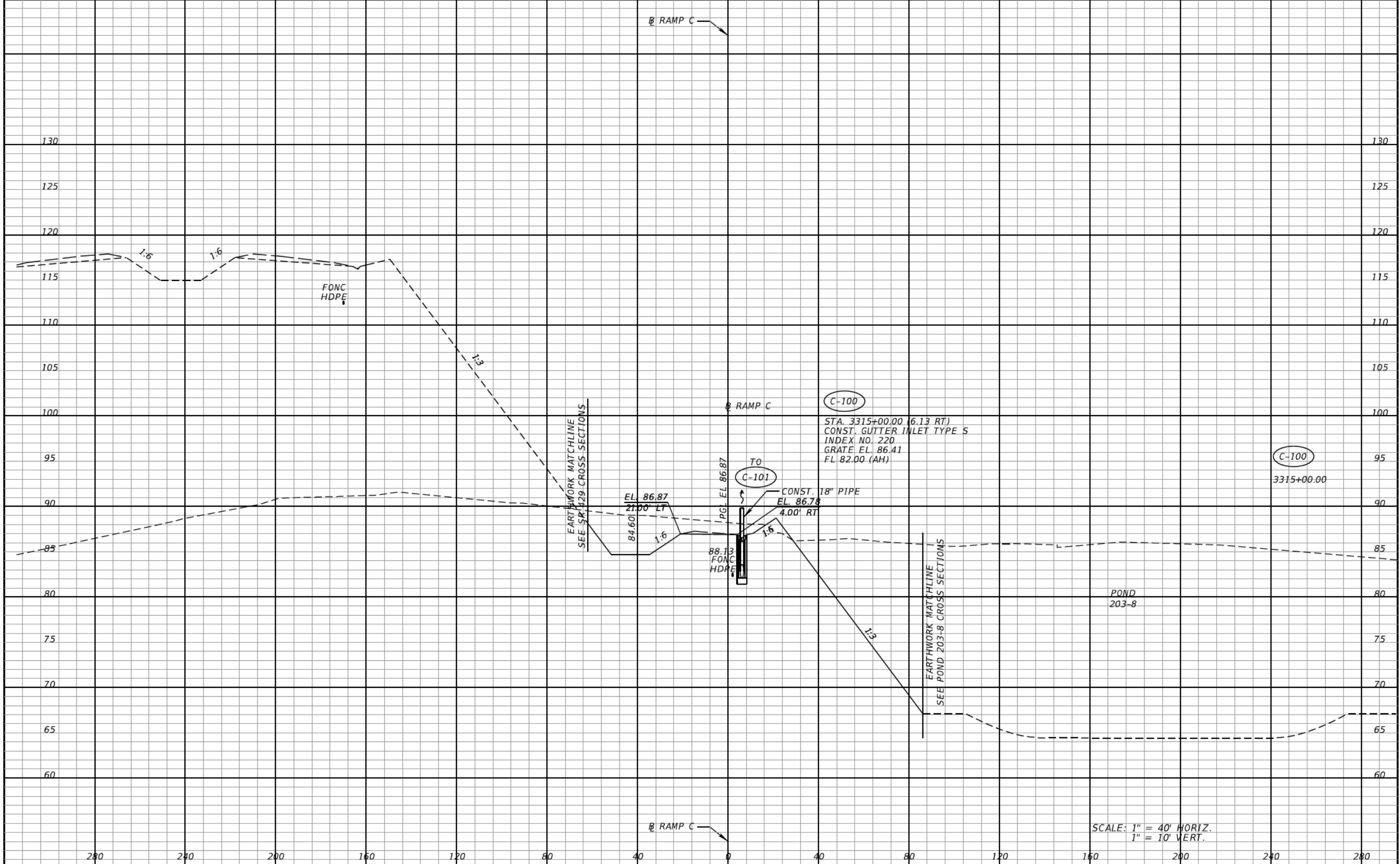
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
RAMP B1

SHEET NO. 269



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

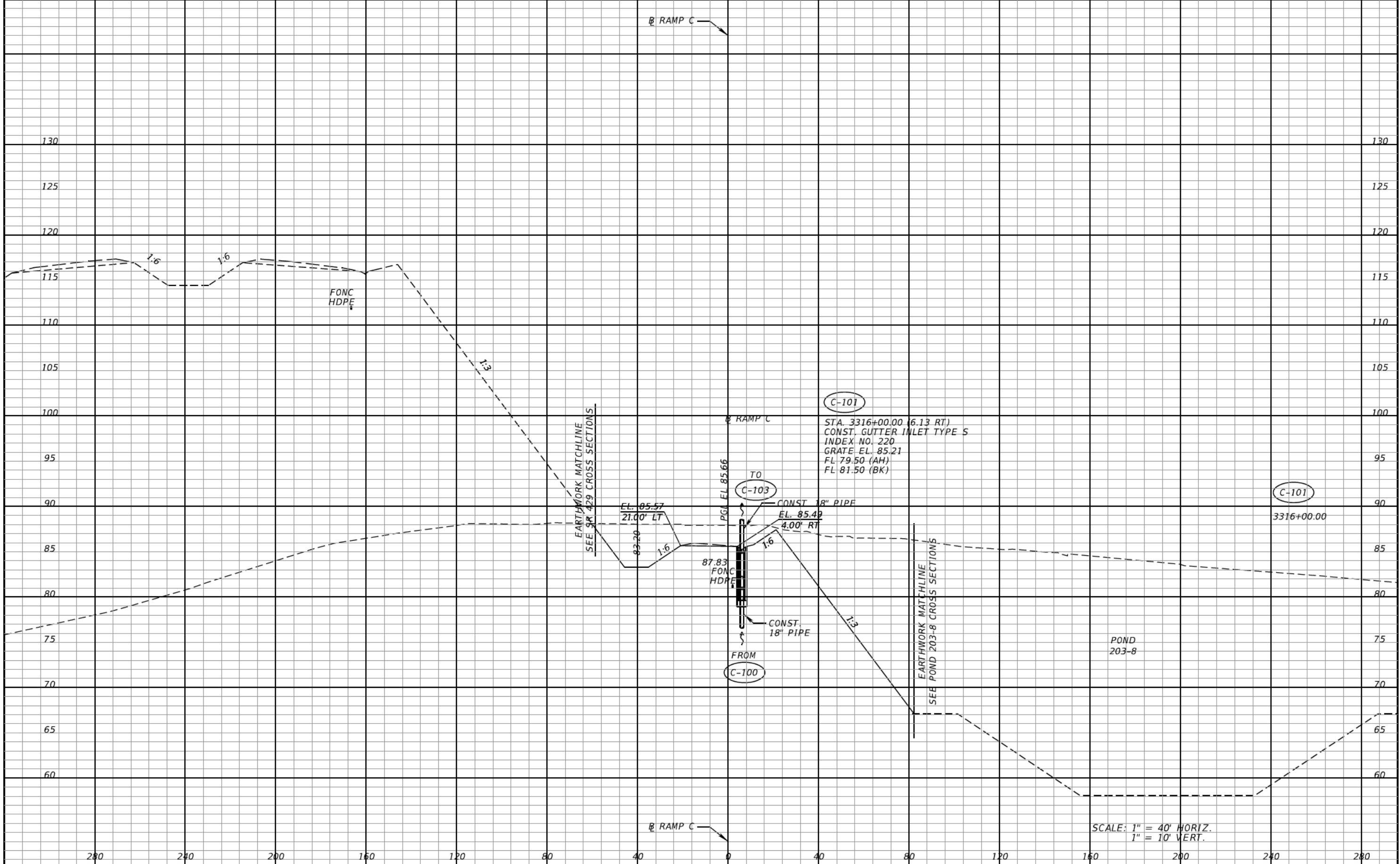
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



DRAINAGE STRUCTURES
RAMP C

SHEET NO. 270



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

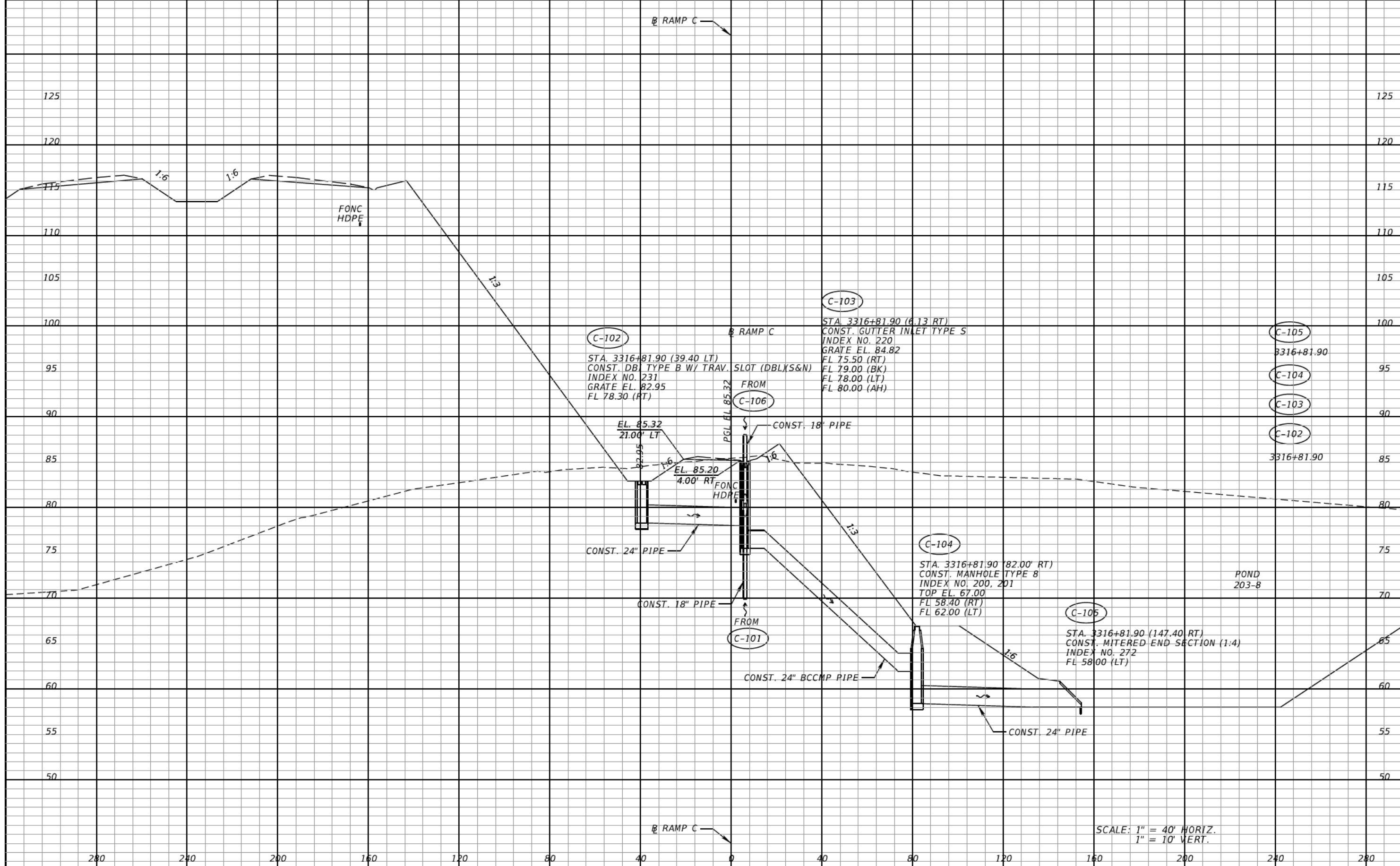
**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



**DRAINAGE STRUCTURES
RAMP C**

SHEET NO.
271



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

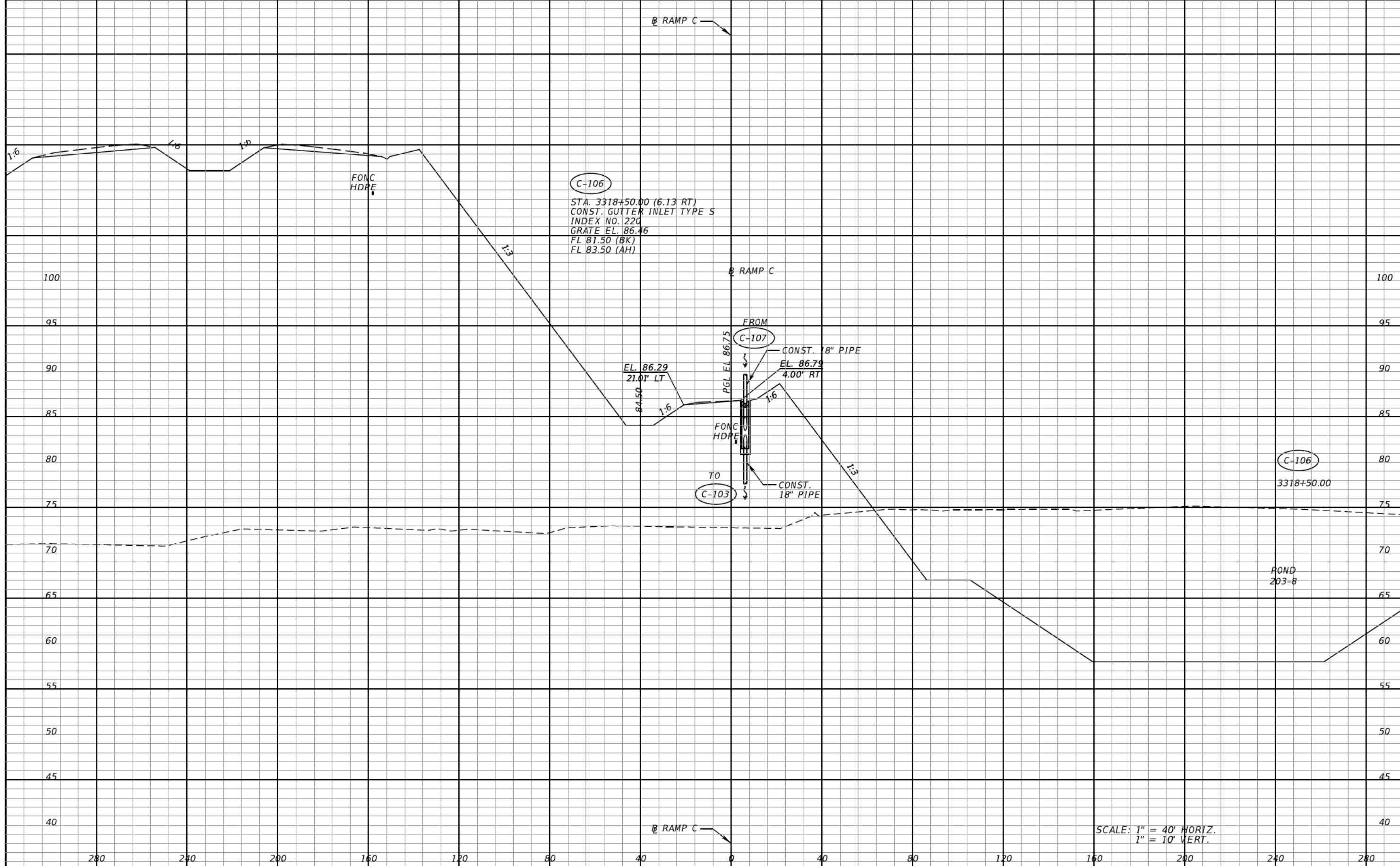
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP C

SHEET NO.
272



C-106
 STA. 3318+50.00 (6.13 RT)
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 86.46
 FL 81.50 (BK)
 FL 83.50 (AH)

EL. 86.29
 21.01' LT

EL. 86.79
 4.00' RT

C-106
 3318+50.00

POND
 203-8

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

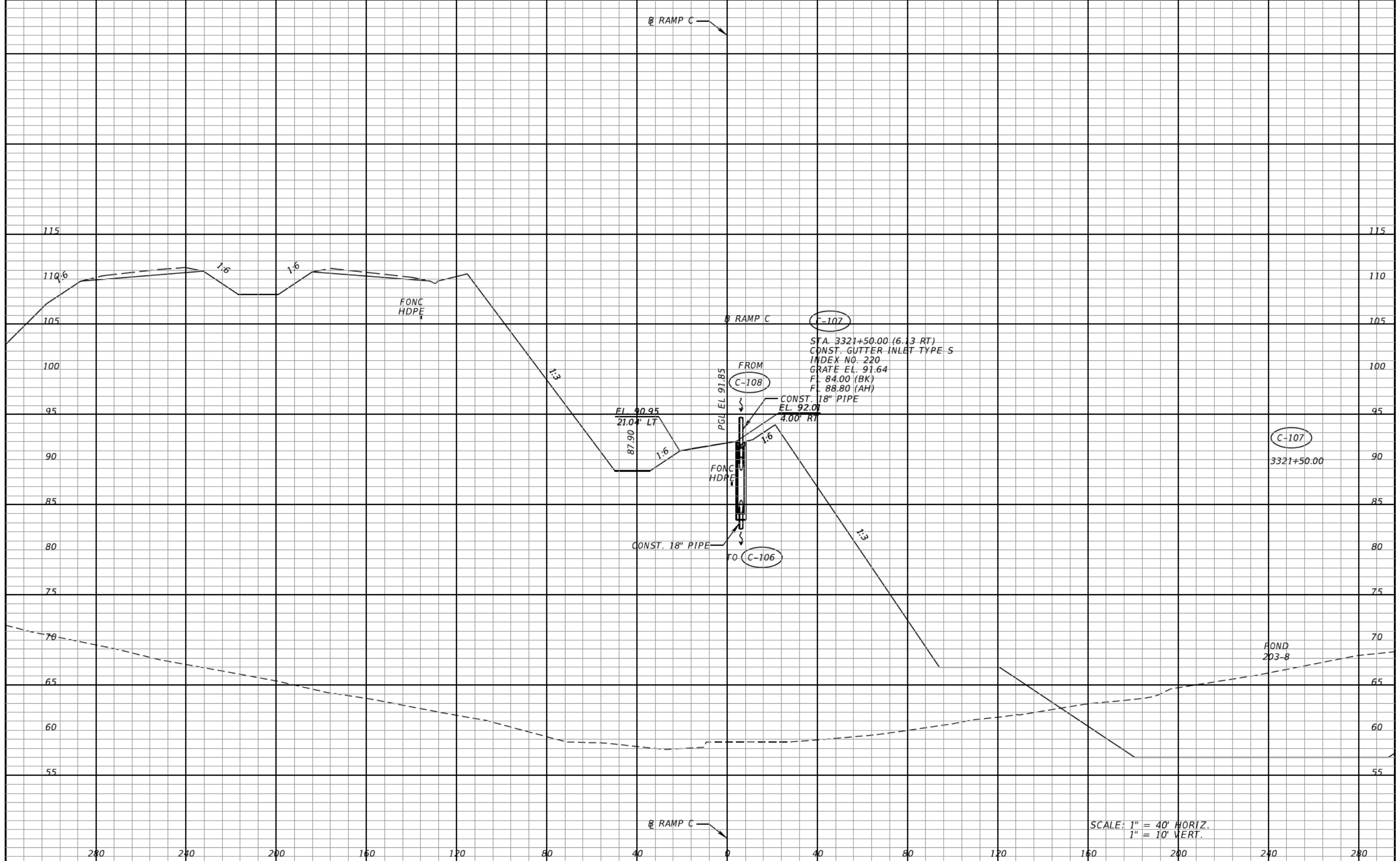
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



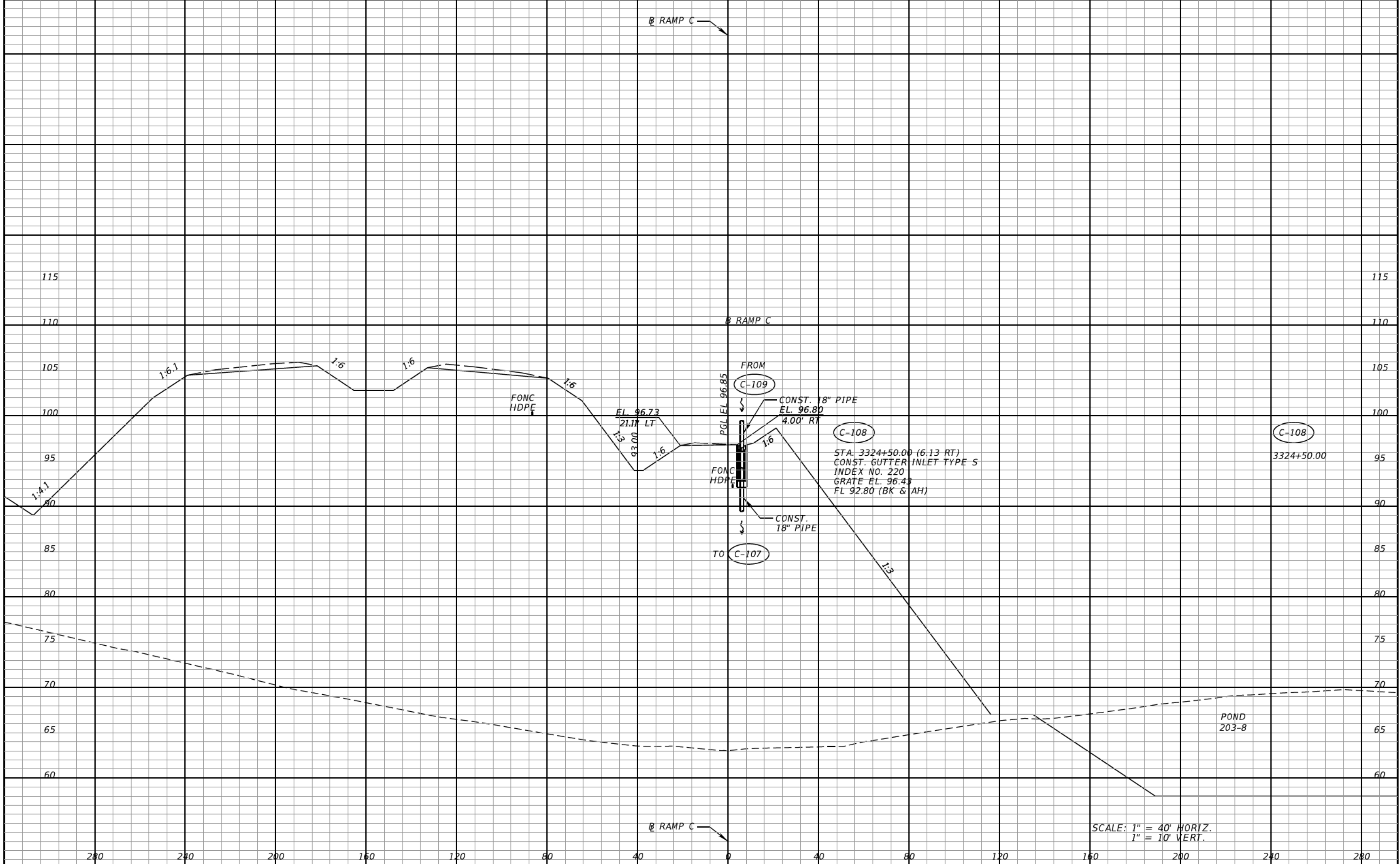
DRAINAGE STRUCTURES
RAMP C

SHEET NO.
273



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS				CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 1221	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	DRAINAGE STRUCTURES RAMP C		SHEET NO. 274
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.				
					SR 429	429-203				



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

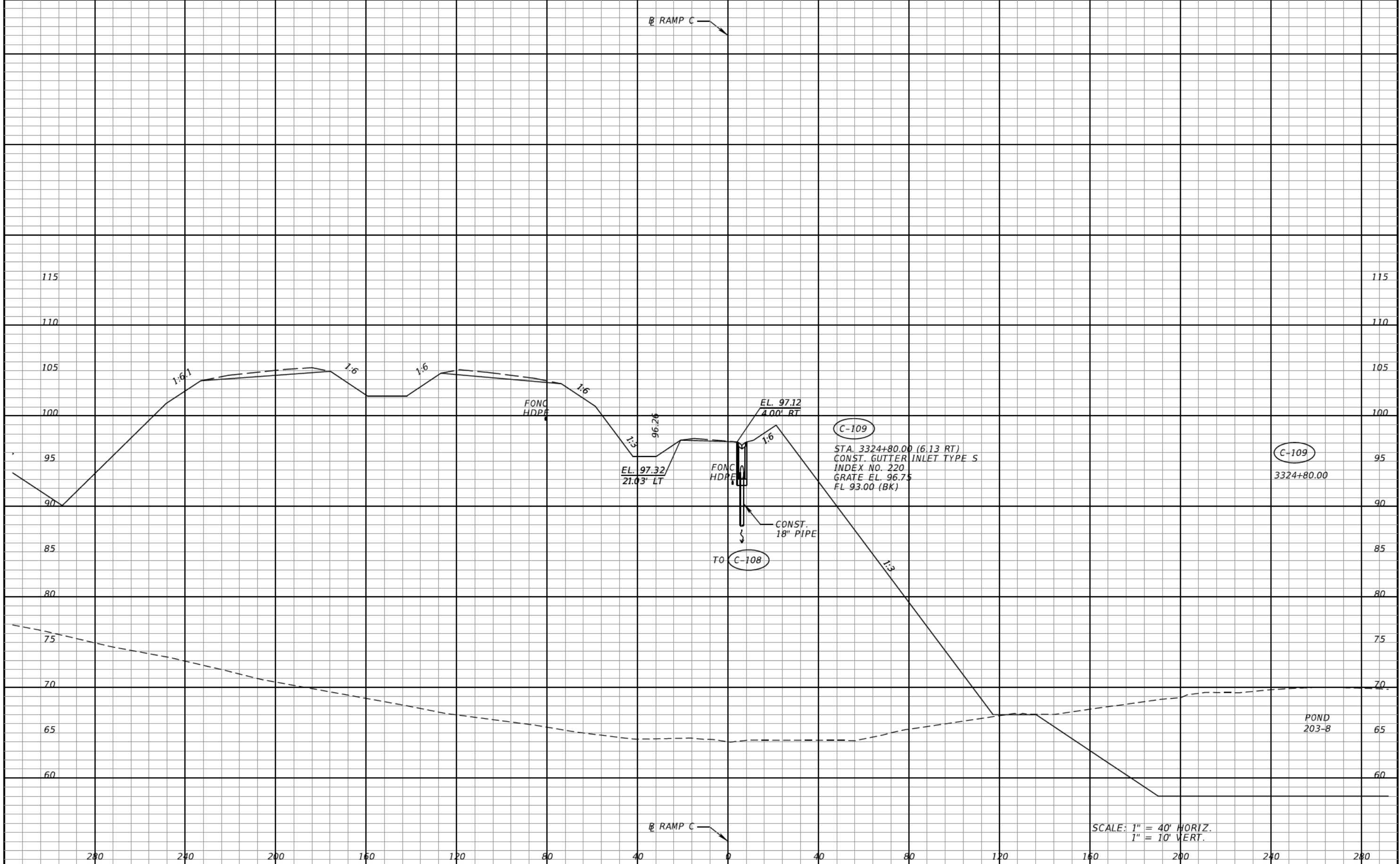
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



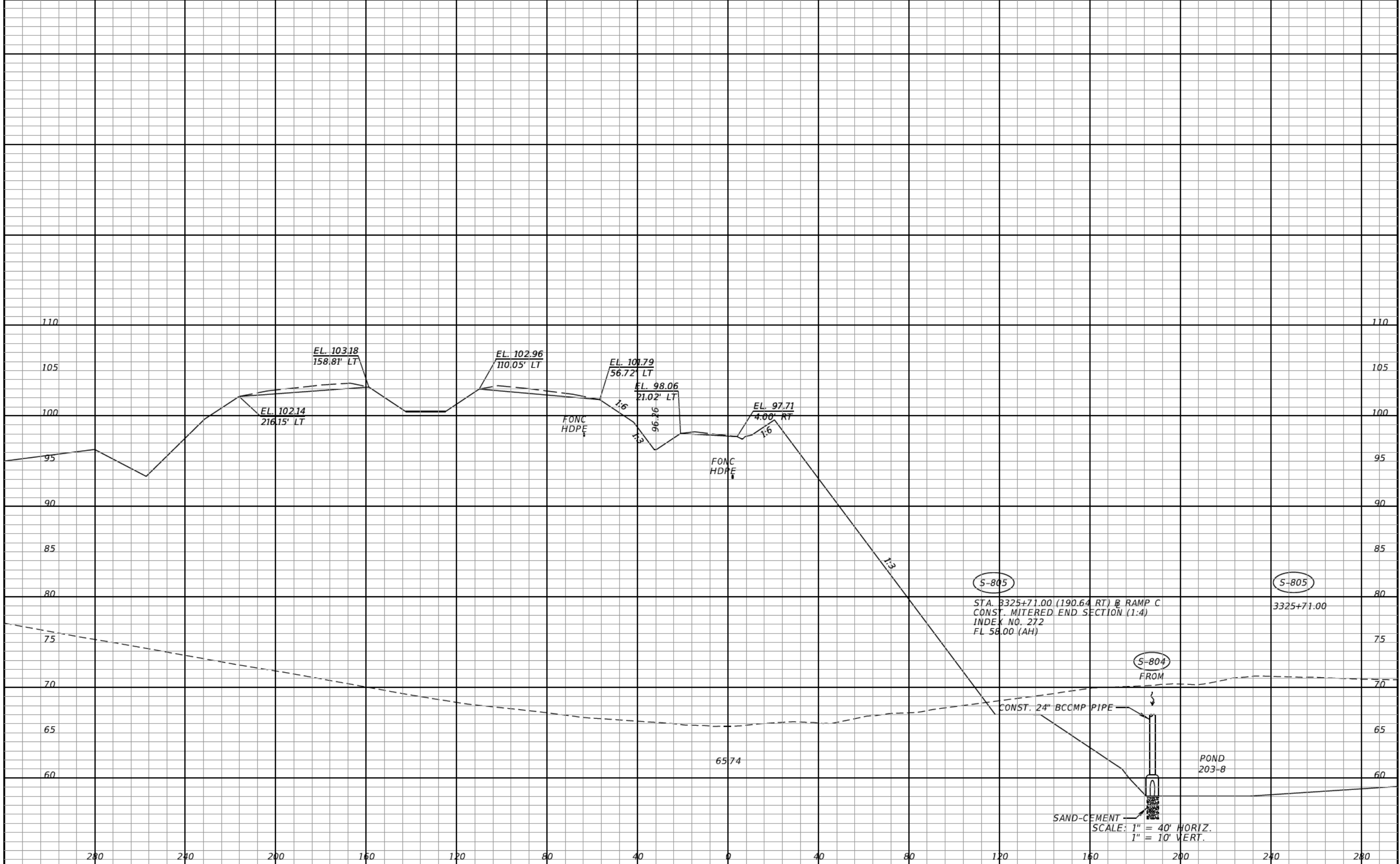
**DRAINAGE STRUCTURES
RAMP C**

SHEET
NO.
275



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS				CLAYTON J. LEE, P.E. P.E. LICENSE NUMBER 44032 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 1221	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CFX	DRAINAGE STRUCTURES RAMP C		SHEET NO. 276
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.				
					SR 429	429-203				



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

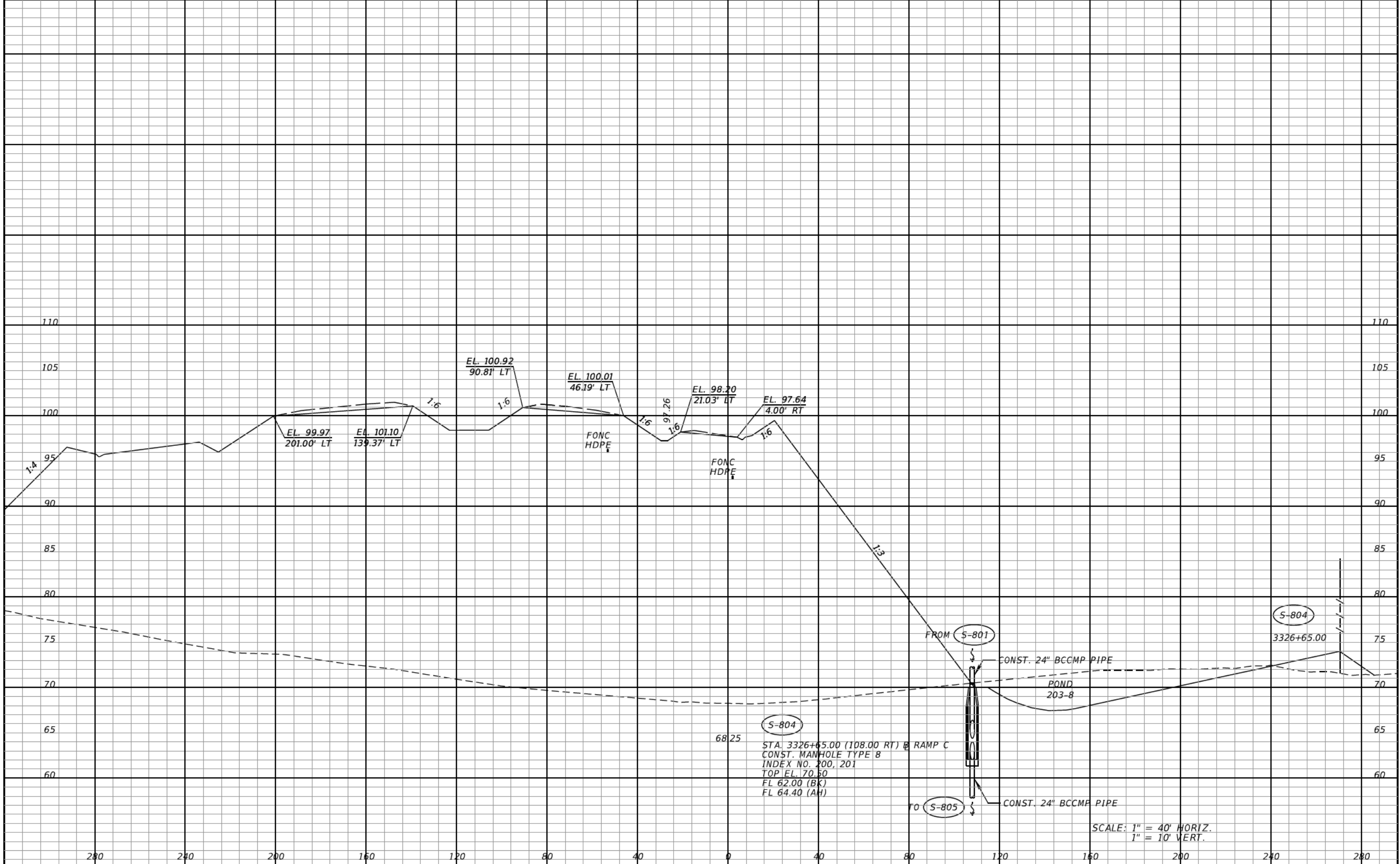
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



DRAINAGE STRUCTURES
RAMP C

SHEET NO. 277



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. LICENSE NUMBER 44032
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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

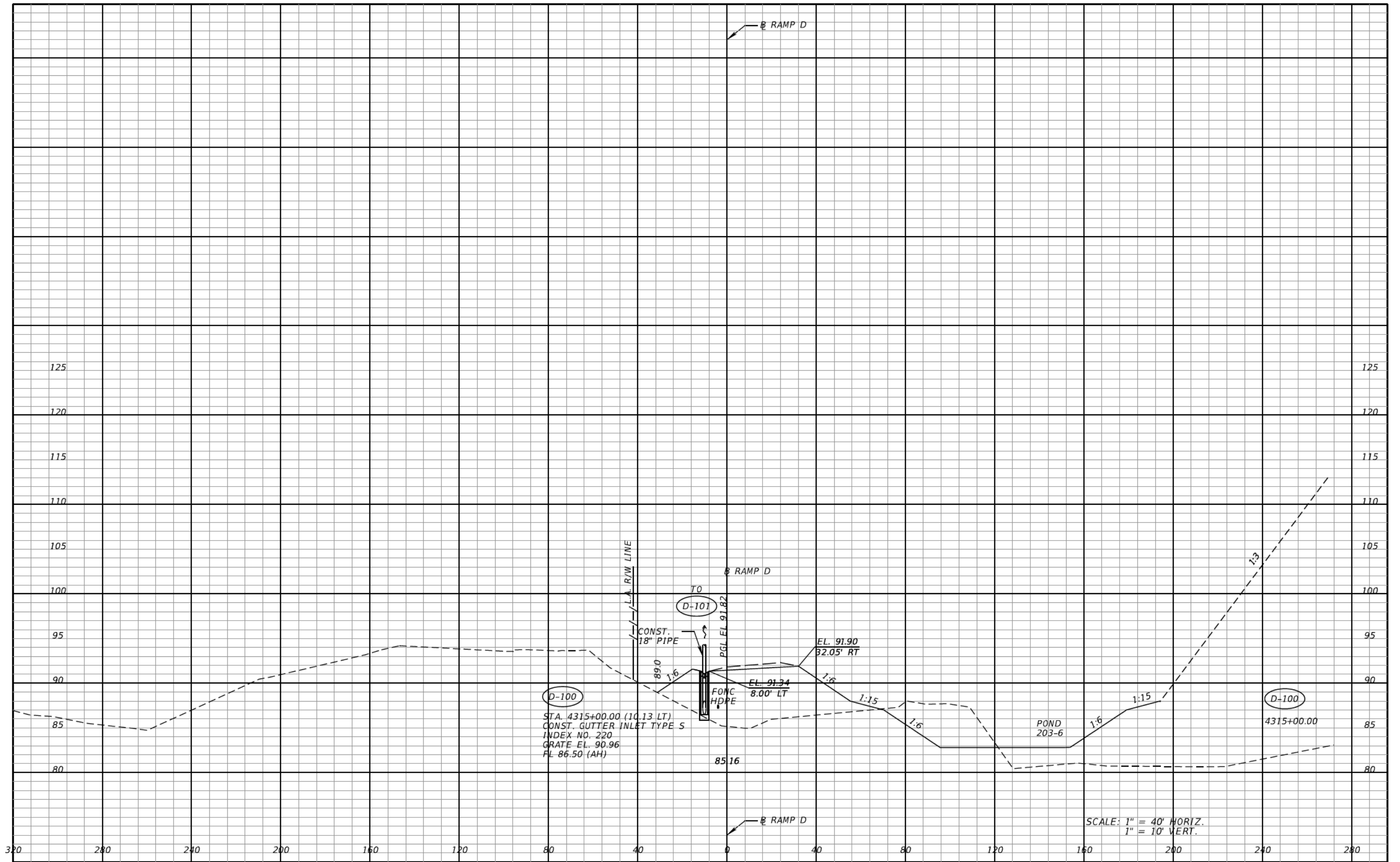
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP C

SHEET NO.
278



D-100
 STA. 4315+00.00 (10.13 LT)
 CONST. GUTTER INLET TYPE S
 INDEX NO. 220
 GRATE EL. 90.96
 FL 86.50 (AH)

D-101
 TO
 CONST. 18" PIPE

FONG
 HDPE

EL. 91.34
 8.00' LT
 EL. 91.90
 32.05' RT

POND
 203-6

D-100
 4315+00.00

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

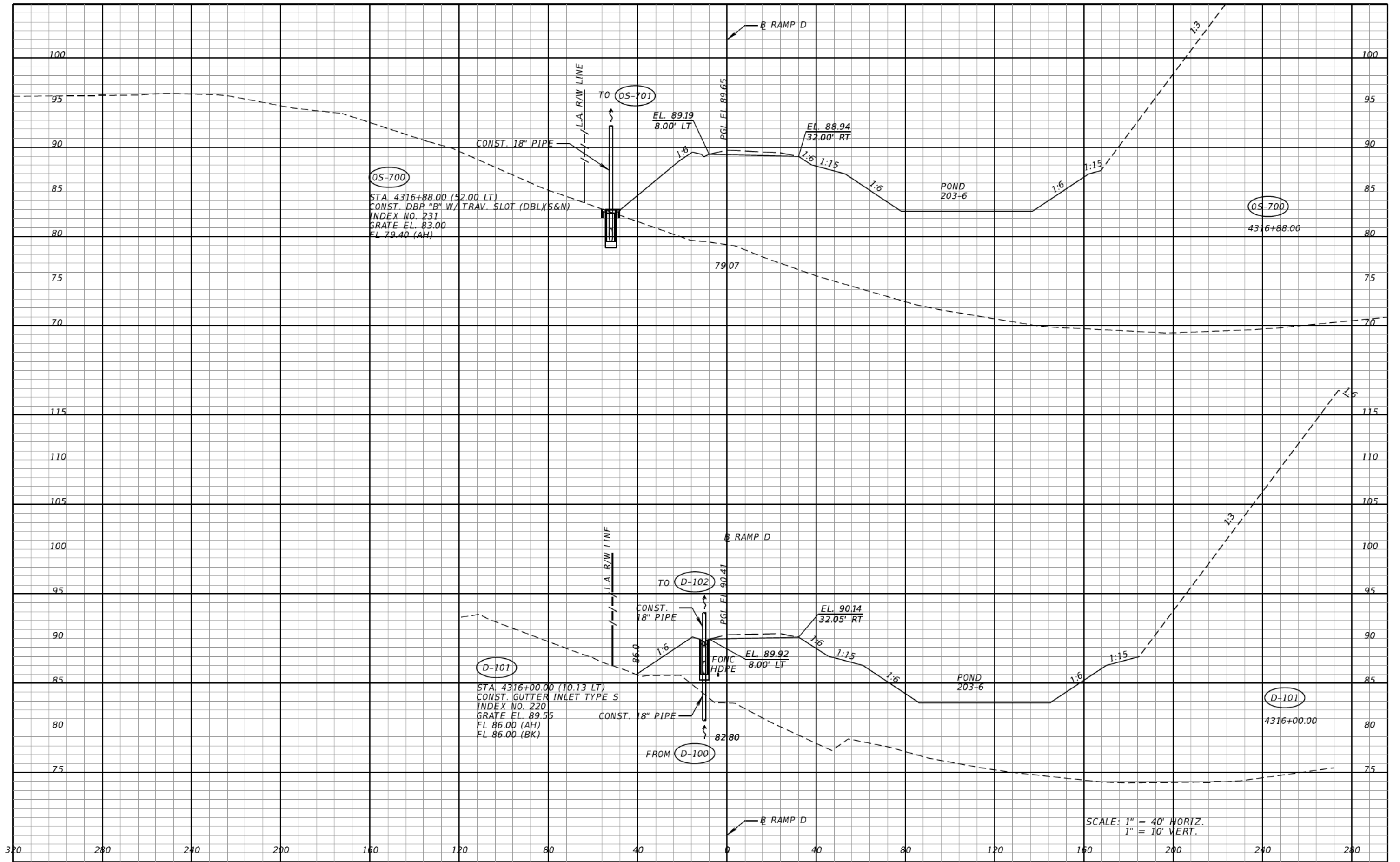
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP D

SHEET NO.
279



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

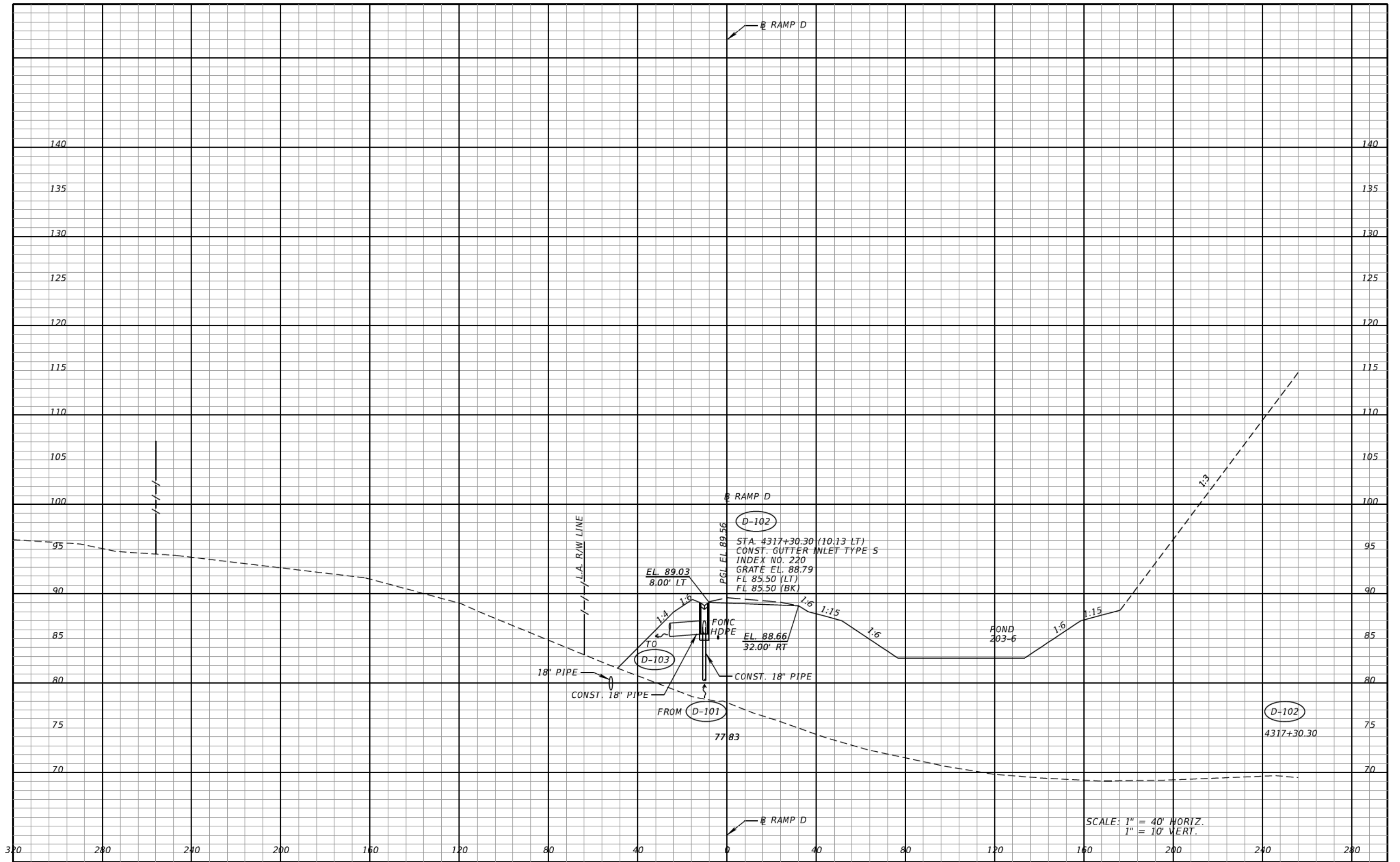
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



DRAINAGE STRUCTURES
RAMP D

SHEET NO.
 280



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

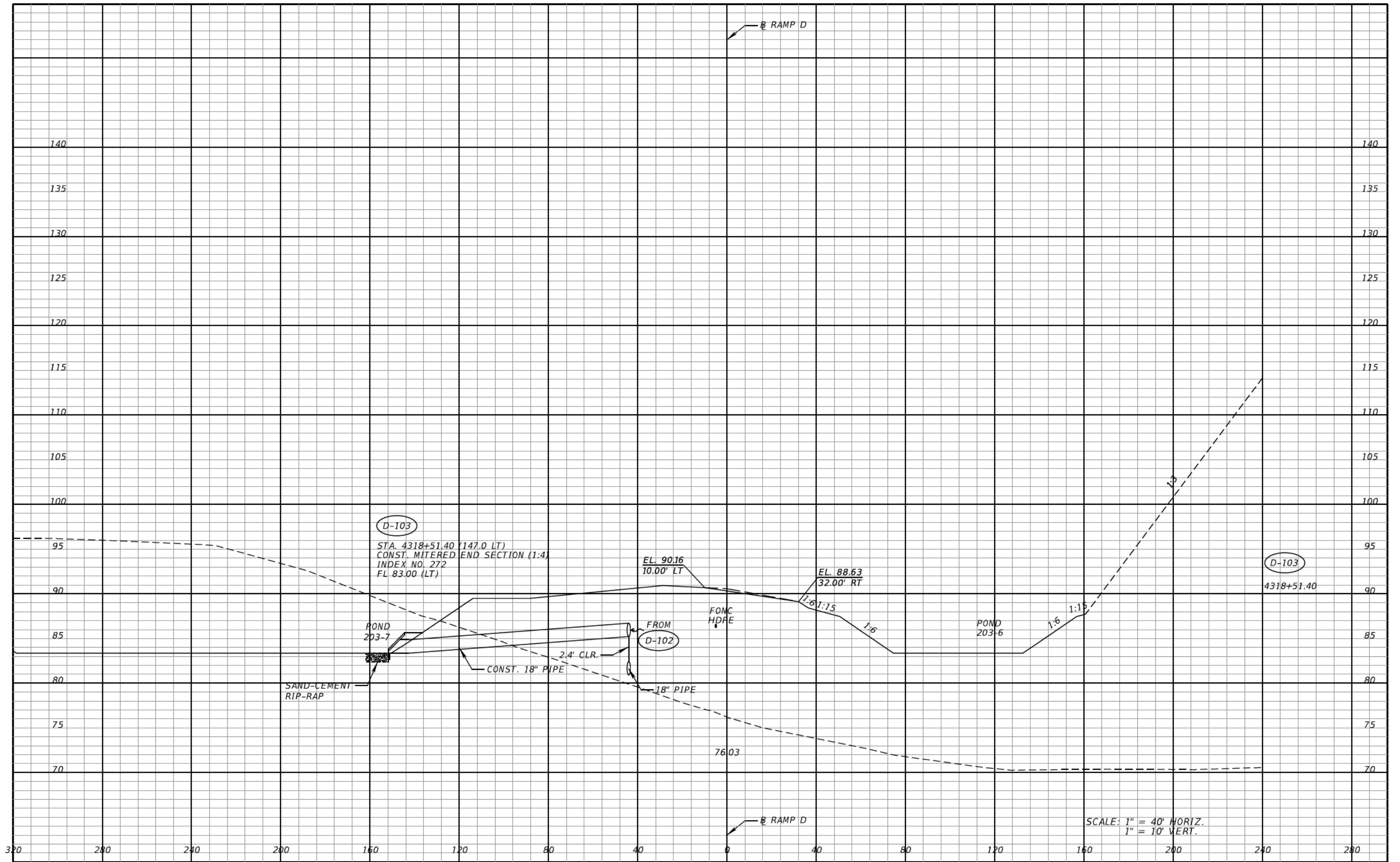
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP D

SHEET NO.
281



D-103
 STA. 4318+51.40 (147.0 LT)
 CONST. MITERED END SECTION (1:4)
 INDEX NO. 272
 FL 83.00 (LT)

EL. 90.16
 10.00' LT

EL. 88.63
 32.00' RT

D-103
 4318+51.40

SAND-CEMENT
 RIP-RAP

CONST. 18" PIPE

18" PIPE

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

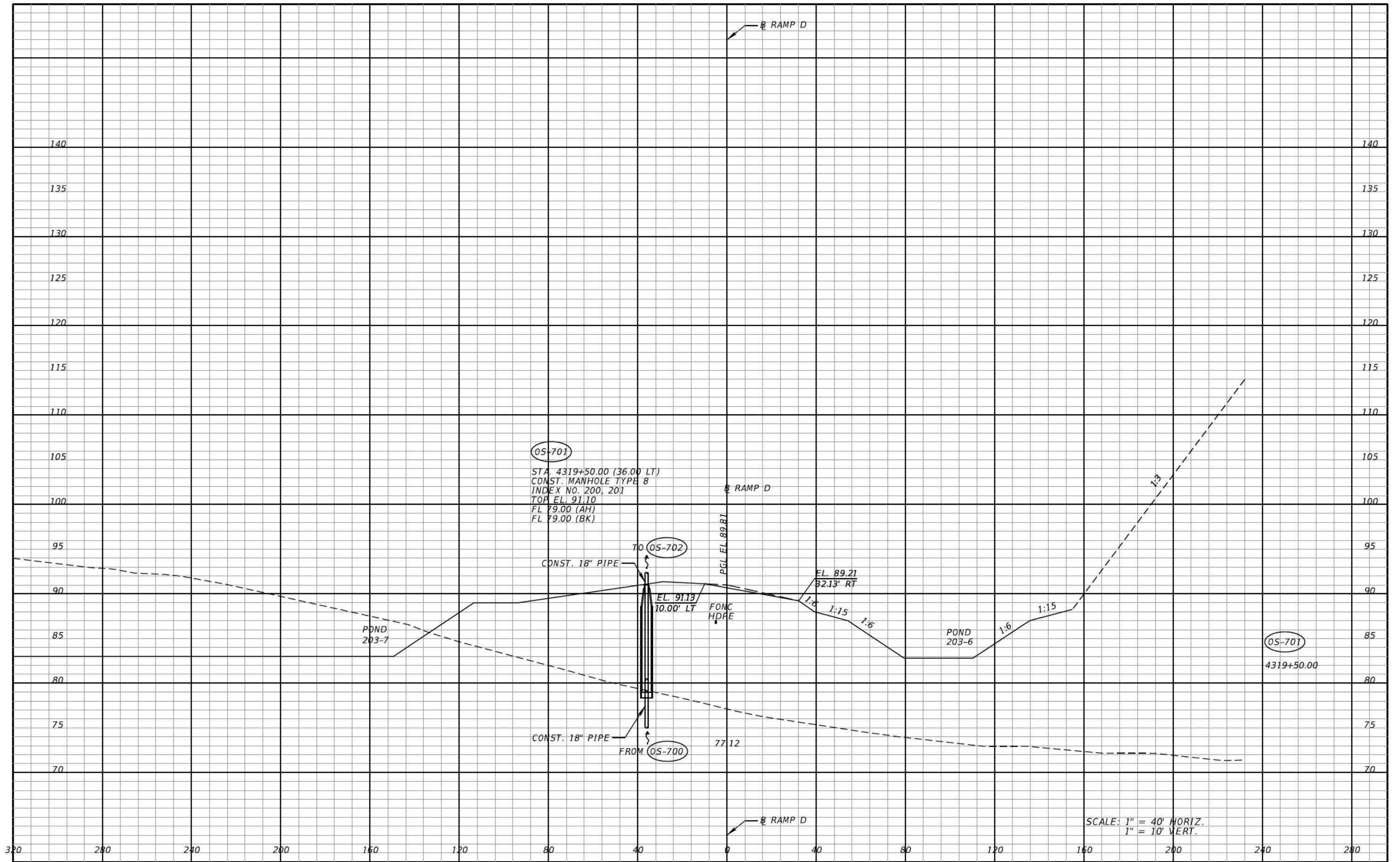
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**DRAINAGE STRUCTURES
RAMP D**

SHEET
NO.
282



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

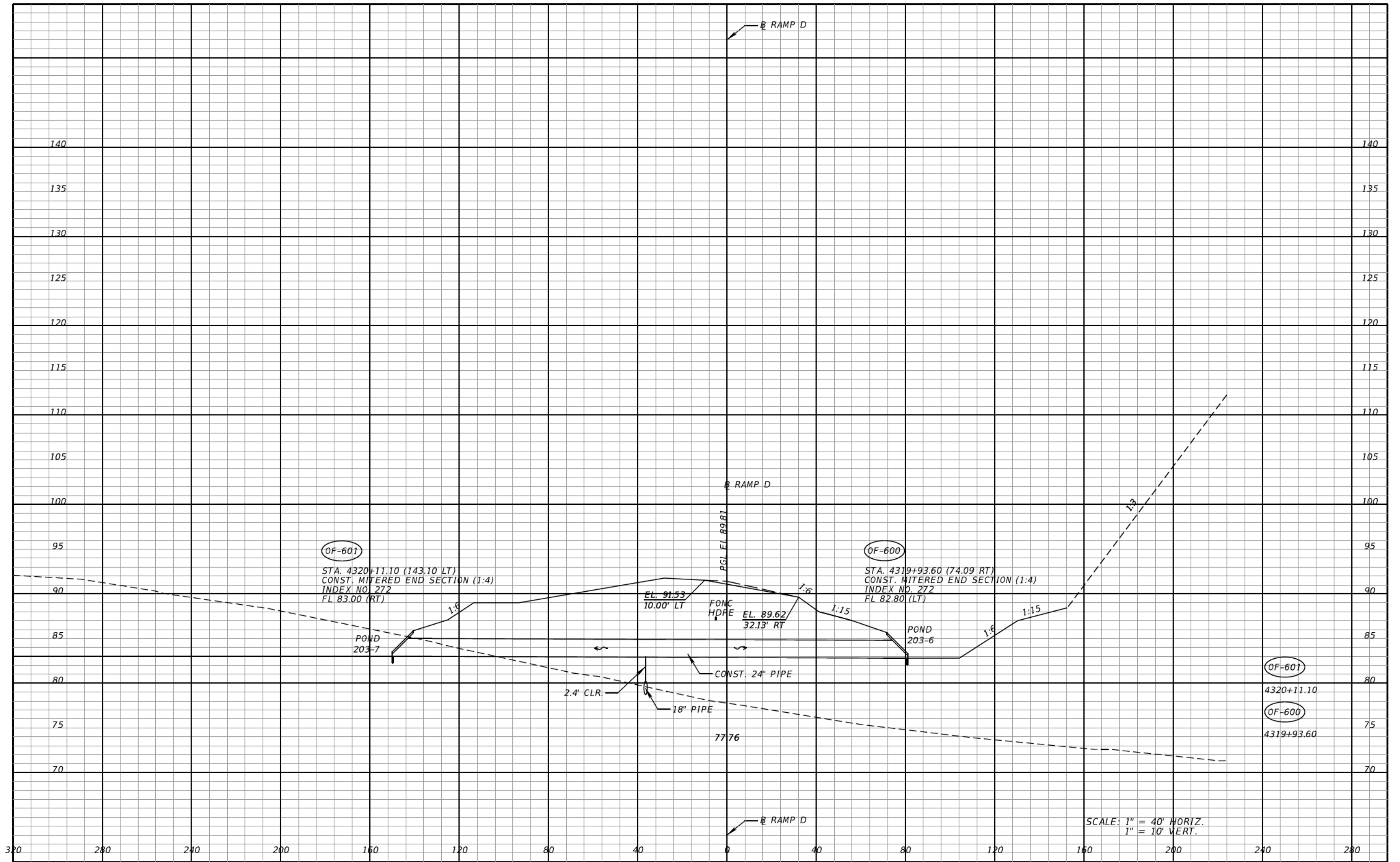
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP D

SHEET NO.
283



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

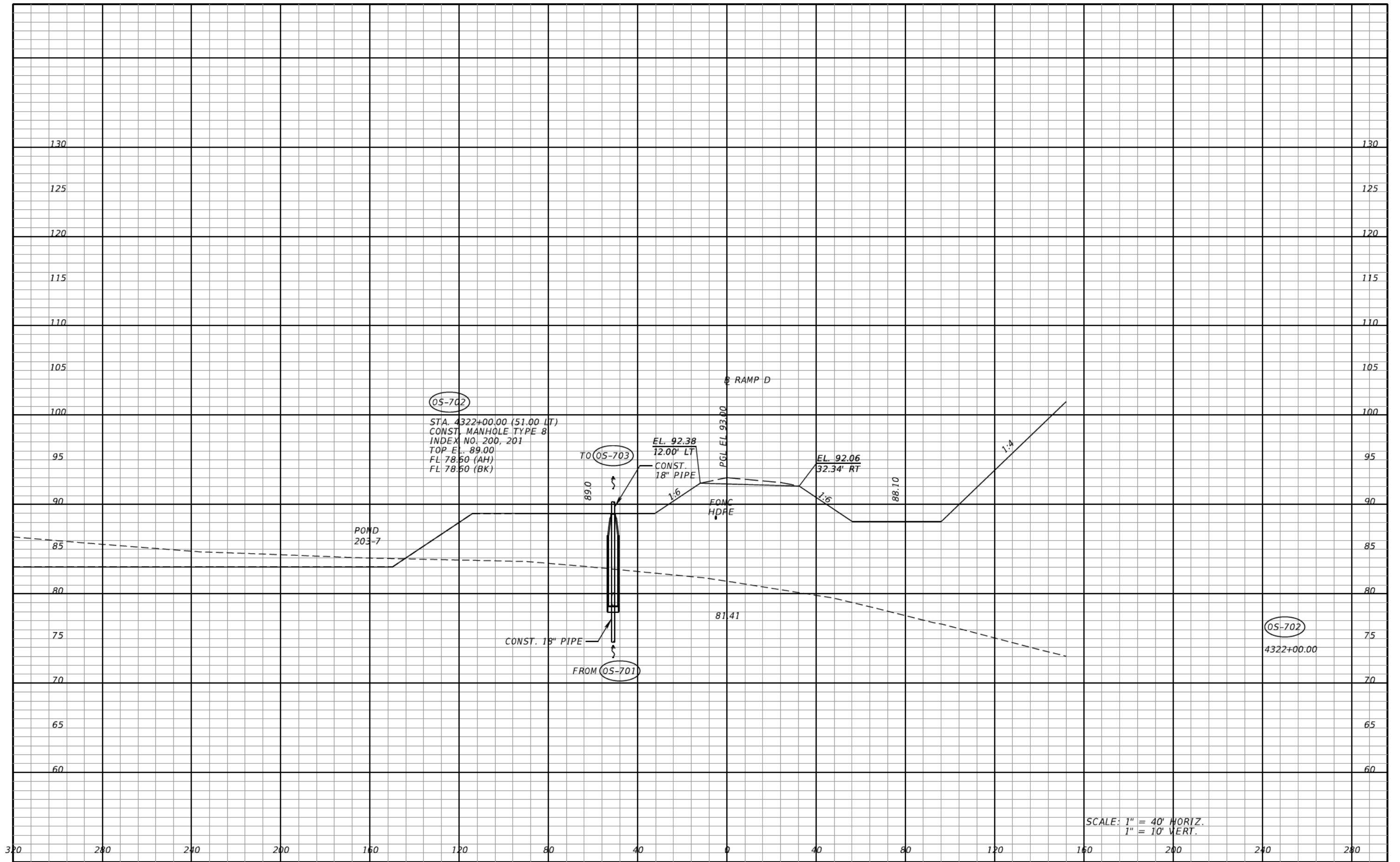
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP D

SHEET NO.
284



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

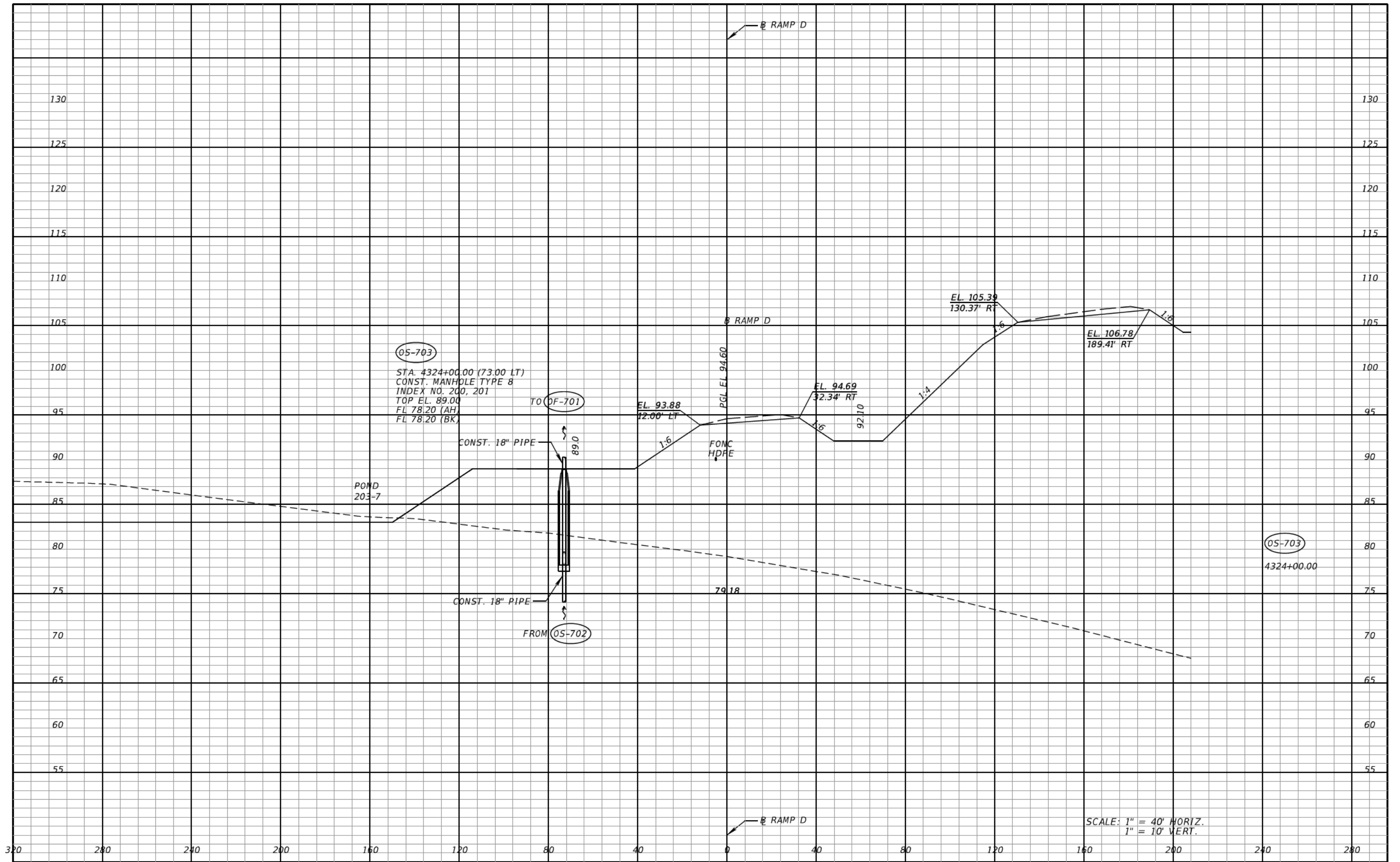
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP D

SHEET NO.
285



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

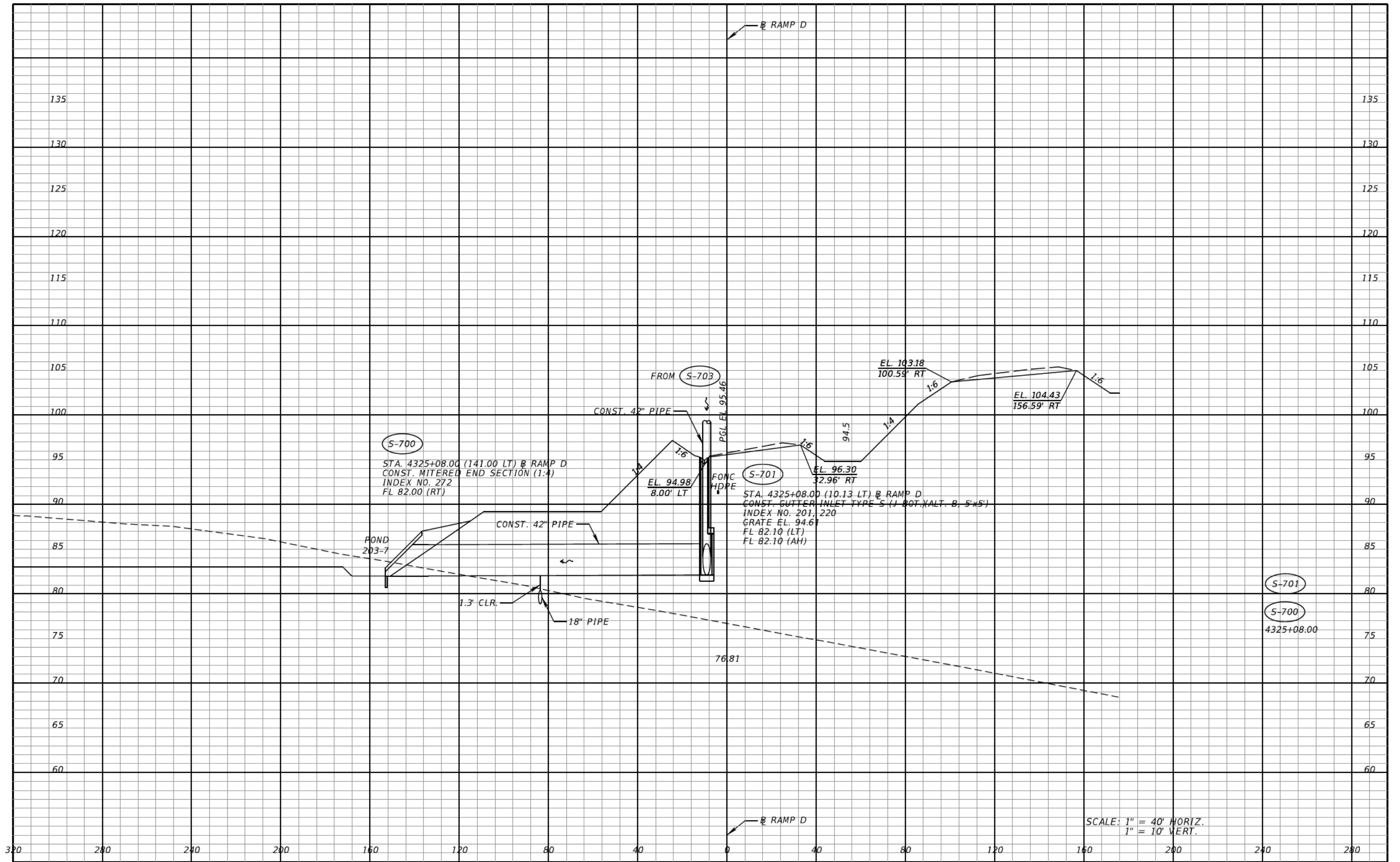
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP D

SHEET NO.
286



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

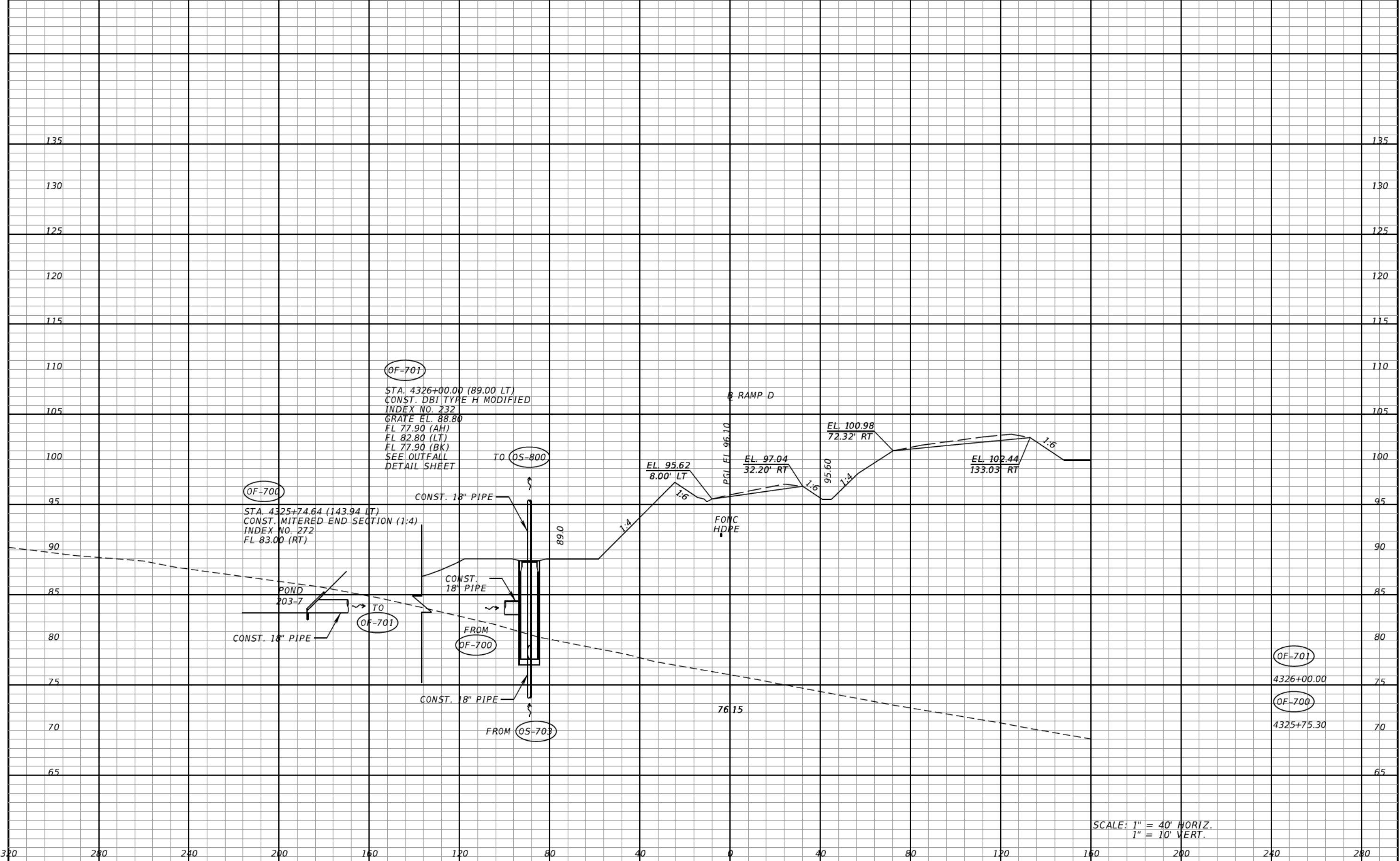
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP D

SHEET NO.
287



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

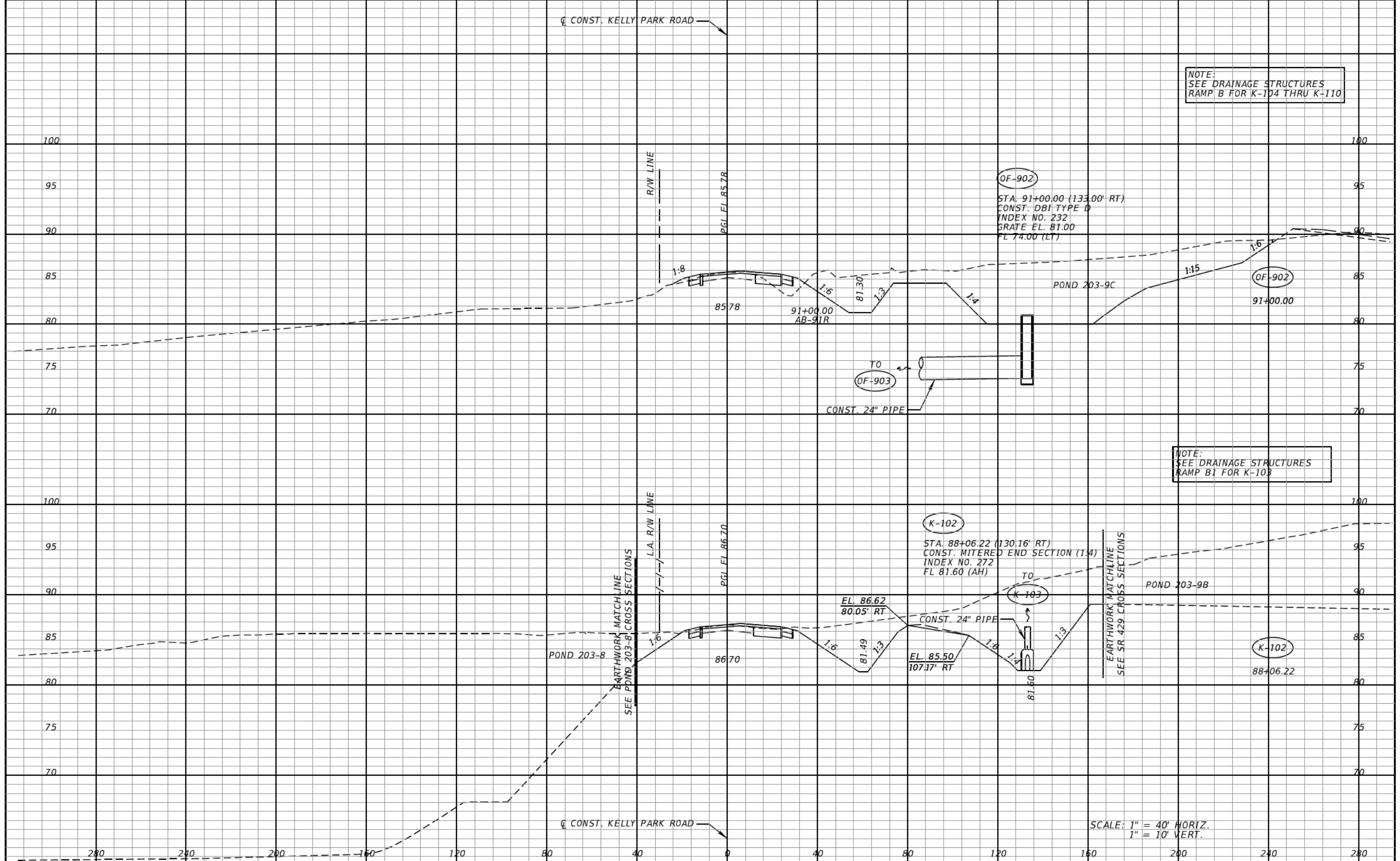
CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



DRAINAGE STRUCTURES
RAMP D

SHEET
NO.
288



NOTE:
SEE DRAINAGE STRUCTURES
RAMP B FOR K-104 THRU K-110

NOTE:
SEE DRAINAGE STRUCTURES
RAMP B1 FOR K-103

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

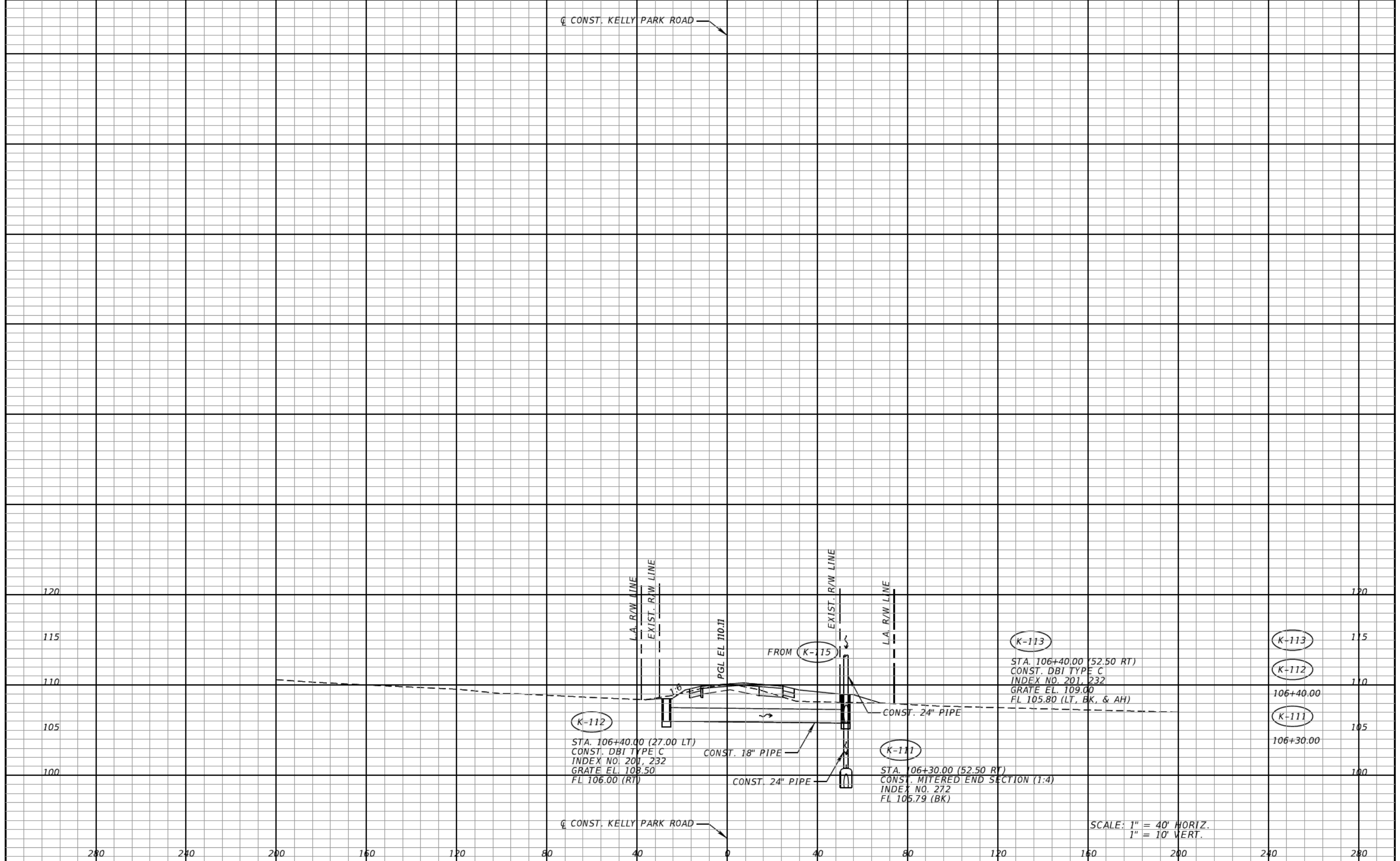
**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



**DRAINAGE STRUCTURES
KELLY PARK RD**

SHEET
NO.
289



CONST. KELLY PARK ROAD

L.A. R/W LINE
 EXIST. R/W LINE
 PGL EL. 110.77
 FROM K-115
 EXIST. R/W LINE
 L.A. R/W LINE
 K-112
 STA. 106+40.00 (27.00 LT)
 CONST. DBI TYPE C
 INDEX NO. 201, 232
 GRATE EL. 108.50
 FL 106.00 (RT)
 CONST. 18" PIPE
 CONST. 24" PIPE
 K-111
 STA. 106+30.00 (52.50 RT)
 CONST. MITERED END SECTION (1:4)
 INDEX NO. 272
 FL 105.79 (BK)
 K-113
 STA. 106+40.00 (52.50 RT)
 CONST. DBI TYPE C
 INDEX NO. 201, 232
 GRATE EL. 109.00
 FL 105.80 (LT, BK, & AH)
 CONST. 24" PIPE
 CONST. 24" PIPE
 CONST. 24" PIPE

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

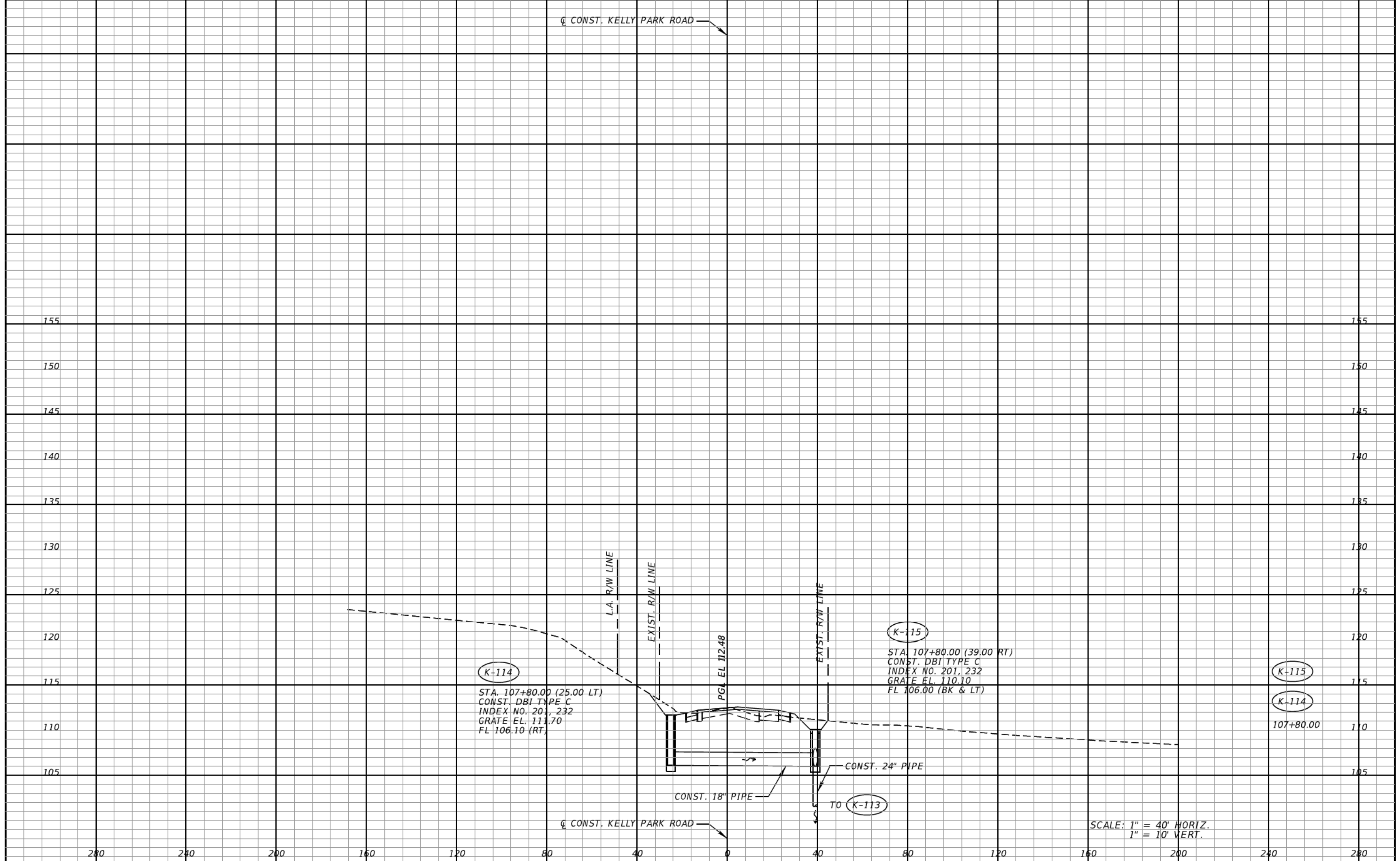
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



DRAINAGE STRUCTURES
KELLY PARK RD

SHEET NO.
 290



(K-114)
 STA. 107+80.00 (25.00 LT)
 CONST. DBI TYPE C
 INDEX NO. 201, 232
 GRATE EL. 111.70
 FL 106.10 (RT)

(K-115)
 STA. 107+80.00 (39.00 RT)
 CONST. DBI TYPE C
 INDEX NO. 201, 232
 GRATE EL. 110.10
 FL 106.00 (BK & LT)

(K-115)
 (K-114)
 107+80.00

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 1221

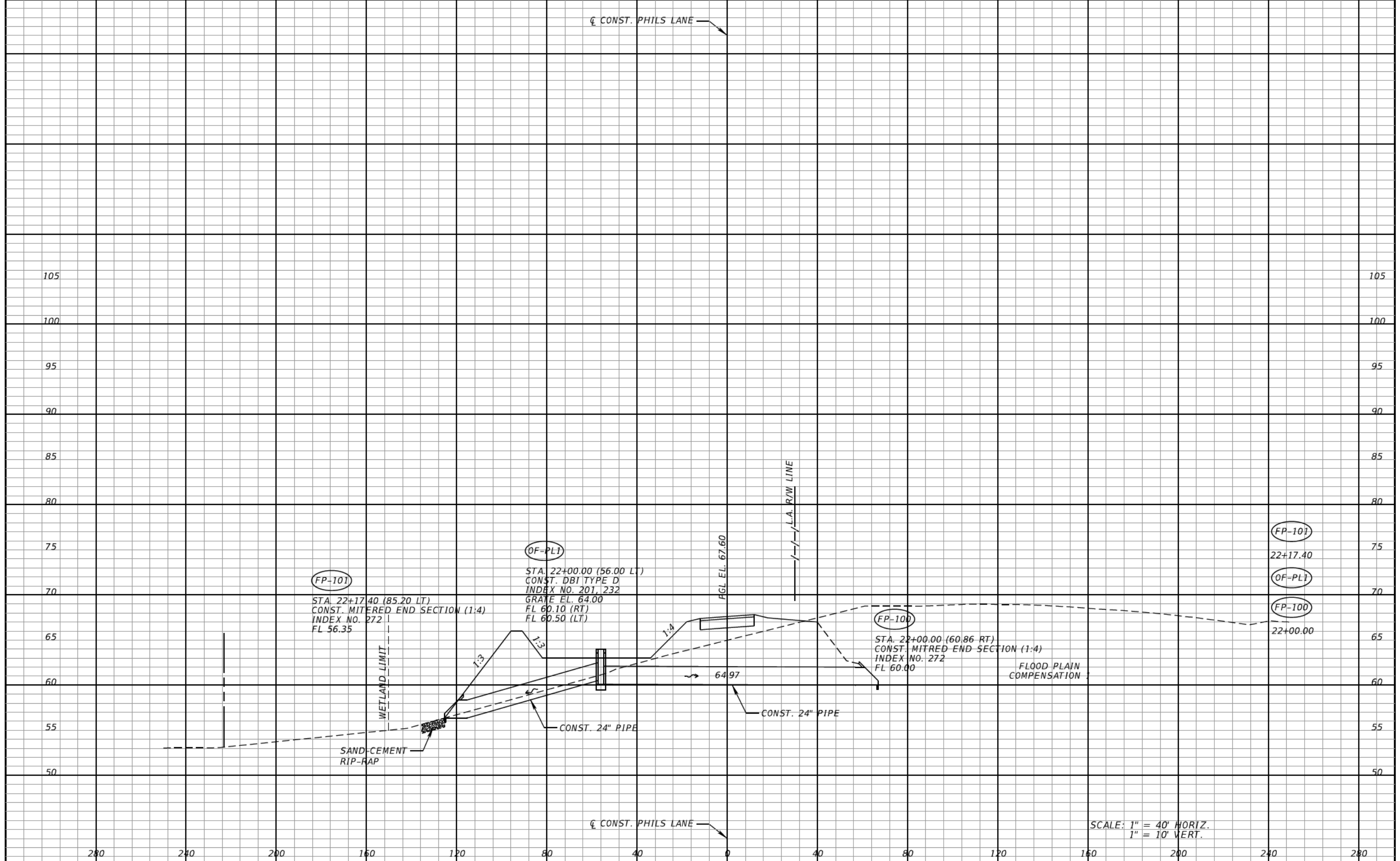
**CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



**DRAINAGE STRUCTURES
 KELLY PARK RD**

SHEET NO.
 291



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 1221

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

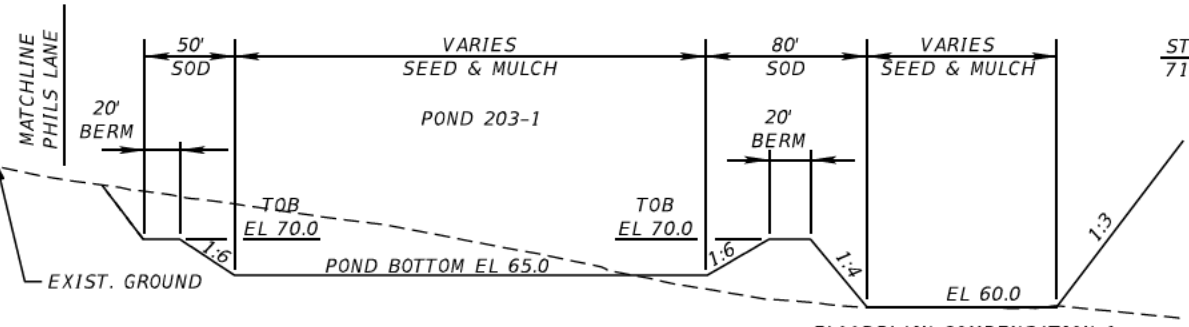
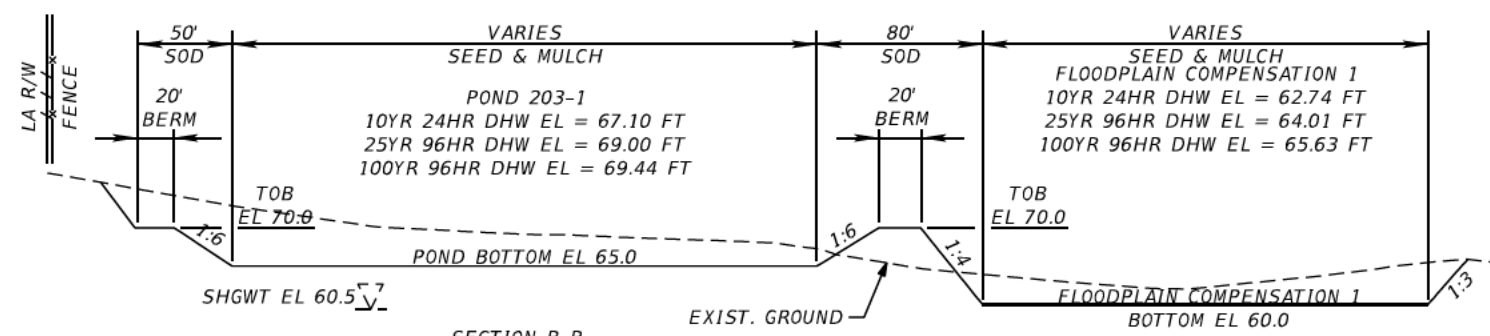
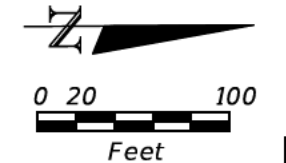


**DRAINAGE STRUCTURES
PHILS LANE**

SHEET NO. 292

NOTES:

1. SOD USED IN POND AND FLOODPLAIN LOCATIONS, SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.
2. CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.

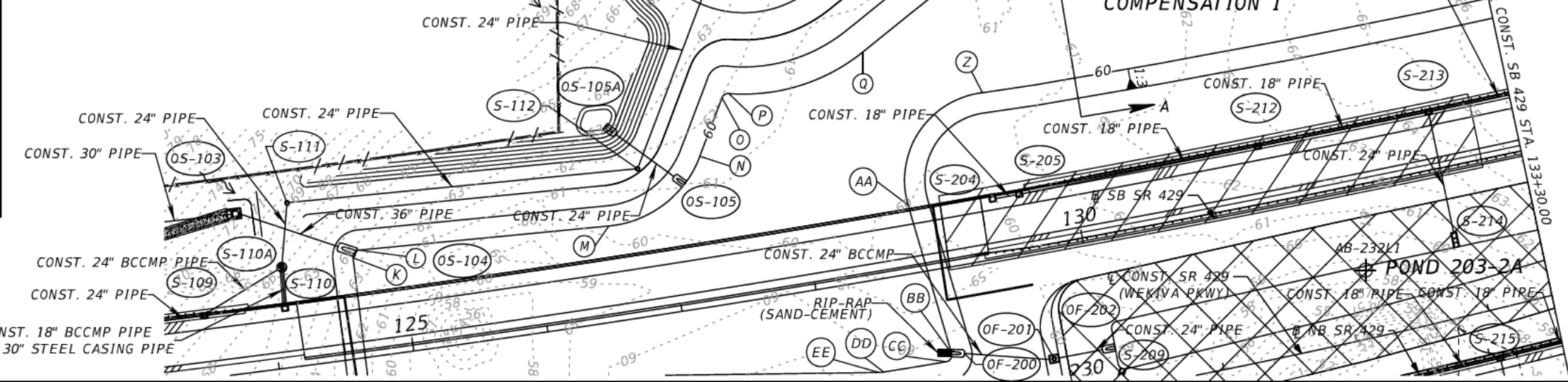


**SUMMARY OF BOTTOM OF FLOODPLAIN COMP. 1
LOC. REF. PNT.
(FROM SB SR 429)**

Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS
K, 124+64.97 (-74.18)	L, 124+70.19 (-79.12)	N/A	5.00'
L, 124+70.19 (-79.12)	M, 126+56.15 (-70.47')	184.94'	N/A
M, 126+56.15 (-70.47')	N, 127+30.97 (-110.86')	N/A	80.00'
N, 127+30.97 (-110.86')	O, 127+54.14 (-150.84')	46.08'	N/A
O, 127+54.14 (-150.84')	P, 127+59.74 (-153.20')	N/A	5.00'
P, 127+59.74 (-153.20')	Q, 128+63.69 (-167.13')	N/A	140.00'
Q, 128+63.69 (-167.13')	R, 130+01.59 (-241.64')	154.58'	N/A
R, 130+01.59 (-241.64')	S, 130+12.28 (-245.86')	N/A	50.00'
S, 130+12.28 (-245.86')	T, 130+58.84 (-258.35')	47.22'	N/A
T, 130+58.84 (-258.35')	U, 131+46.69 (-332.14')	N/A	130.00'
U, 131+46.69 (-332.14')	V, 132+27.59 (-508.05')	192.40'	N/A
V, 132+27.59 (-508.05')	W, 132+33.41 (-510.90')	N/A	5.00'
W, 132+33.41 (-510.90')	X, 132+56.93 (-506.28')	22.94'	N/A
X, 132+56.93 (-506.28')	Y, 133+90.99 (-407.85')	N/A	189.00'
Y, 133+90.99 (-407.85')	N/A	N/A	N/A
Z, 129+46.35 (-122.39')	AA, 128+77.61 (-50.28')	N/A	65.00'
AA, 128+77.61 (-50.28')	BB, 128+90.50 (62.75')	113.76'	N/A
BB, 128+90.50 (62.75')	CC, 128+85.53 (68.32')	N/A	5.00'
CC, 128+85.53 (68.32')	DD, 128+39.18 (67.98')	46.63'	N/A
DD, 128+39.18 (67.98')	EE, 128+35.59 (67.68')	N/A	25.00'
EE, 128+35.59 (67.68')	N/A	N/A	N/A

**SUMMARY OF BOTTOM OF POND 203-1
LOC. REF. PNT.
(FROM SB SR 429)**

Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS
A, 127+42.96 (-296.57')	B, 127+72.16 (-486.59')	192.10'	N/A
B, 127+72.16 (-486.59')	C, 128+32.43 (-528.38')	N/A	50.00'
C, 128+32.43 (-528.38')	D, 130+60.70 (-489.40')	221.58'	N/A
D, 130+60.70 (-489.40')	E, 130+91.17 (-434.26')	N/A	40.00'
E, 130+91.17 (-434.26')	F, 130+61.54 (-367.99')	72.17'	N/A
F, 130+61.54 (-367.99')	G, 130+34.48 (-345.16')	N/A	40.00'
G, 130+34.48 (-345.16')	H, 129+83.07 (-331.35')	51.76'	N/A
H, 129+83.07 (-331.35')	I, 129+61.55 (-322.85')	N/A	100.00'
I, 129+61.55 (-322.85')	J, 128+18.88 (-245.64')	159.12'	N/A
J, 128+18.88 (-245.64')	A, 127+42.96 (-296.57')	N/A	50.00'



LEGEND:

- ⊕ SOIL BORING LOCATIONS
- ▨ AREA TO BE FILLED WITH UNIFORM GRADE A-3 MATERIAL WITH LESS THAN 7% FINES PASSING THE NO. 200 SIEVE.
- ▨ CONST. 18" BCCMP PIPE IN 30" STEEL CASING PIPE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

The Balmoral Group
165 Lincoln Avenue
Winter Park, FL 32789
Phone: (407) 629-2185
www.balmoralgroup.us
Certificate of Authorization No. 26123
E.O.R.: Gregory S. Seidel, P.E. No. 47571

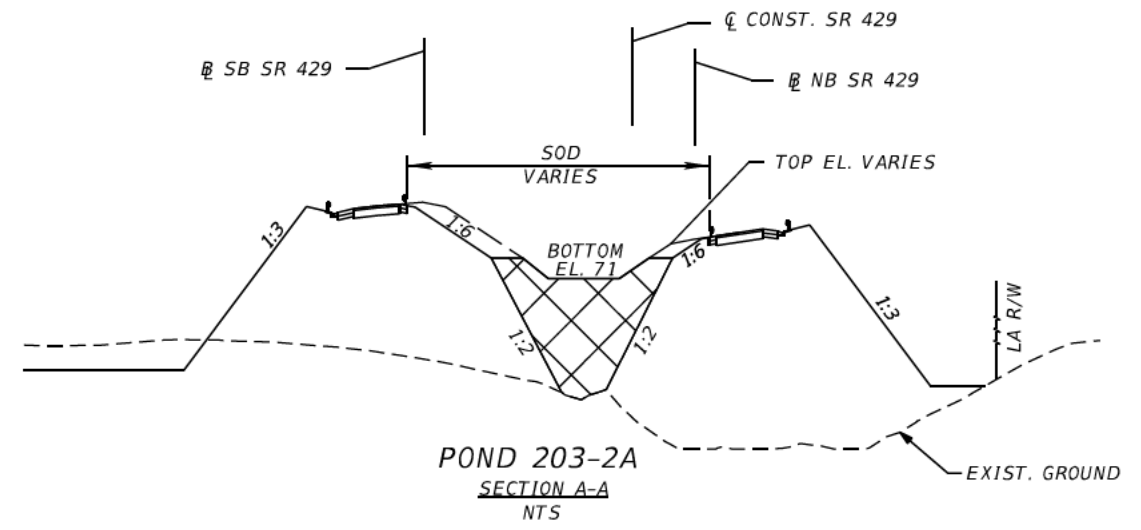
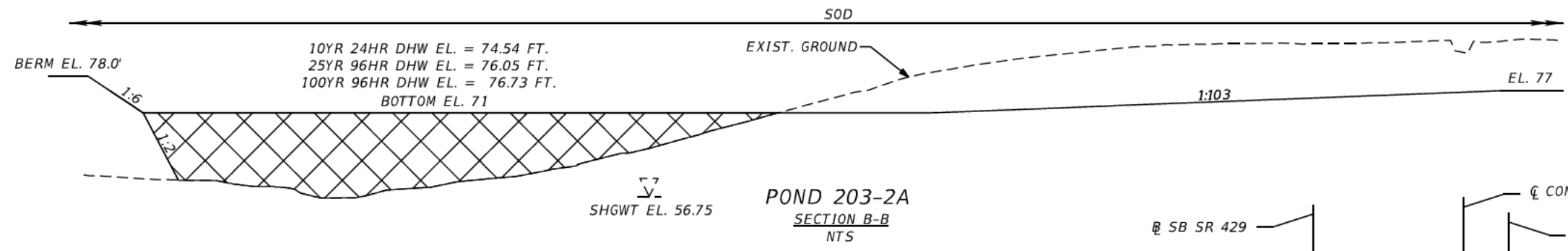
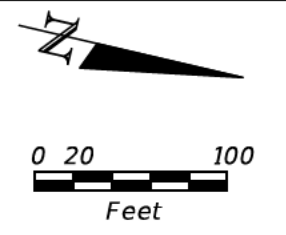
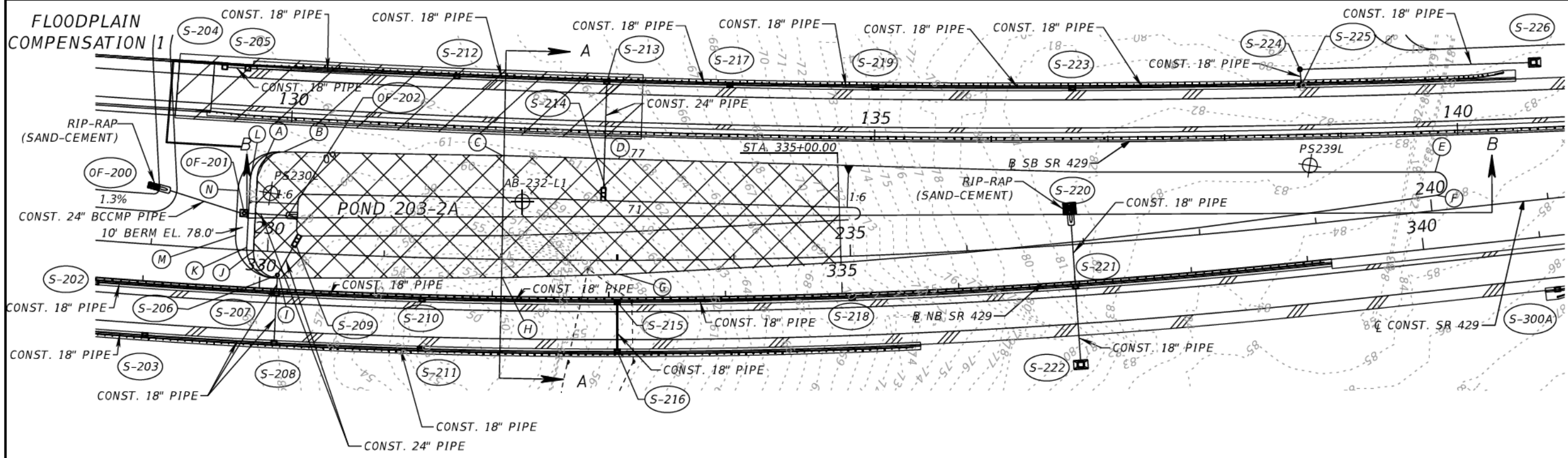
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO. SR 429 PROJECT NO. 429-203

POND DETAILS: POND 203-1 & FLOODPLAIN COMPENSATION 1

SHEET NO. 294

FLOODPLAIN COMPENSATION



SUMMARY OF BOTTOM OF POND LOC. REF. PNT. (FROM \emptyset CONST. NB 429)

Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS
A, 329+93.33 (-95.76)	B, 330+14.95 (-117.75)	N/A	22.00'
B, 330+14.95 (-117.75)	C, 332+07.08 (-120.94)	187.73'	N/A
C, 332+07.08 (-120.94)	D, 333+08.28 (-118.89')	99.55'	N/A
D, 333+08.28 (-118.89')	E, 340+16.88 (-64.98)	700.17'	N/A
E, 340+16.88 (-64.98)	F, 340+16.14 (-45.04')	N/A	10.00'
F, 340+16.14 (-45.04')	G, 333+08.63 (-20.01)	704.11'	N/A
G, 333+08.63 (-20.01)	H, 332+07.81 (-16.37)	101.25'	N/A
H, 332+07.81 (-16.37)	I, 330+16.74 (-9.63)	190.28'	N/A
I, 330+16.74 (-9.63)	J, 329+93.47 (-31.59)	N/A	22.00'
J, 329+93.47 (-31.59)	A, 329+93.33 (-95.76)	64.17'	N/A
I, 330+16.74 (-9.63)	K, 329+87.43 (-34.42)	N/A	25.00'
K, 329+87.43 (-34.42)	L, 329+87.24 (-92.63)	58.21'	N/A
L, 329+87.24 (-92.63)	B, 330+14.95 (-117.75)	N/A	25.00'
I, 330+16.74 (-9.63)	M, 329+77.32 (-44.39)	N/A	35.00'
M, 329+77.32 (-44.39)	N, 329+77.13 (-82.59)	38.20'	N/A
N, 329+77.13 (-82.59)	B, 330+14.95 (-117.75)	N/A	35.00'

NOTES:

- SOD USED IN POND AND FLOODPLAIN LOCATIONS SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.
- CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.
- CONTRACTOR IS NOT TO OVER-EXCAVATE OR REMOVE INSITU MATERIAL IN THIS AREA UNLESS APPROVED BY ENGINEER OF RECORD.

LEGEND:

- AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL WITH LESS THAN 7% FINES PASSING THE NO. 200 SIEVE.
- SOIL BORING LOCATIONS

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 www.balmoralgroup.us
 Certificate of Authorization No. 26123
 E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



**POND DETAILS:
 POND 203-2A**

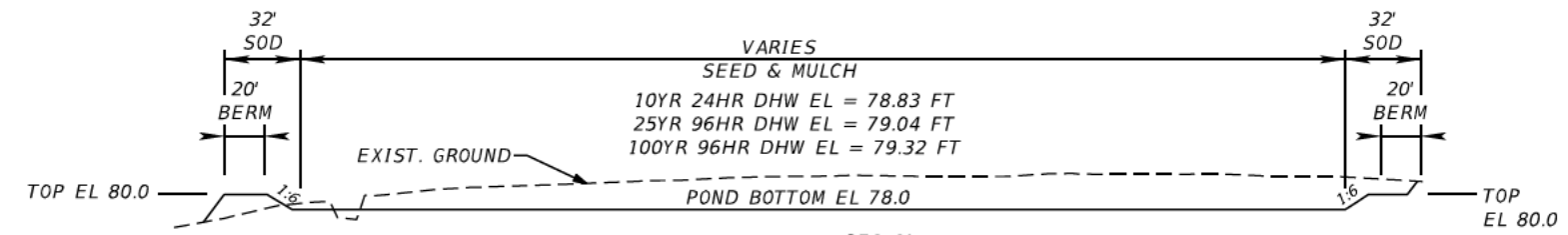
SHEET NO. 295

FLOODPLAIN COMPENSATION 1
SUMMARY OF BOTTOM OF POND LOC. REF. PNT.
(FROM @ SB SR 429)

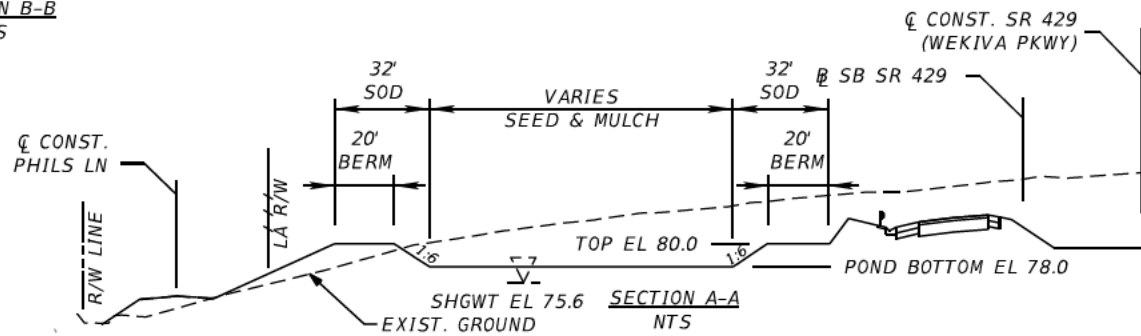
Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS
M, 136+18.46 (-225.54)	N, 137+45.18 (-196.68')	127.69'	N/A
N, 137+45.18 (-196.68')	O, 138+27.71 (-188.09')	N/A	311.00'
O, 138+27.71 (-188.09')	P, 138+31.19 (-179.35')	N/A	5.00'
P, 138+31.19 (-179.35')	Q, 137+69.88 (-125.51')	80.98'	N/A
Q, 137+69.88 (-125.51')	R, 137+61.84 (-122.45')	N/A	12.00'
R, 137+61.84 (-122.45')	S, 134+70.92 (-119.91')	288.01'	N/A
S, 134+70.92 (-119.91')	T, 133+73.63 (-119.06')	N/A	96.28'

POND 203-2B
SUMMARY OF BOTTOM OF POND LOC. REF. PNT.
(FROM @ SB SR 429)

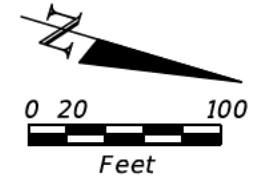
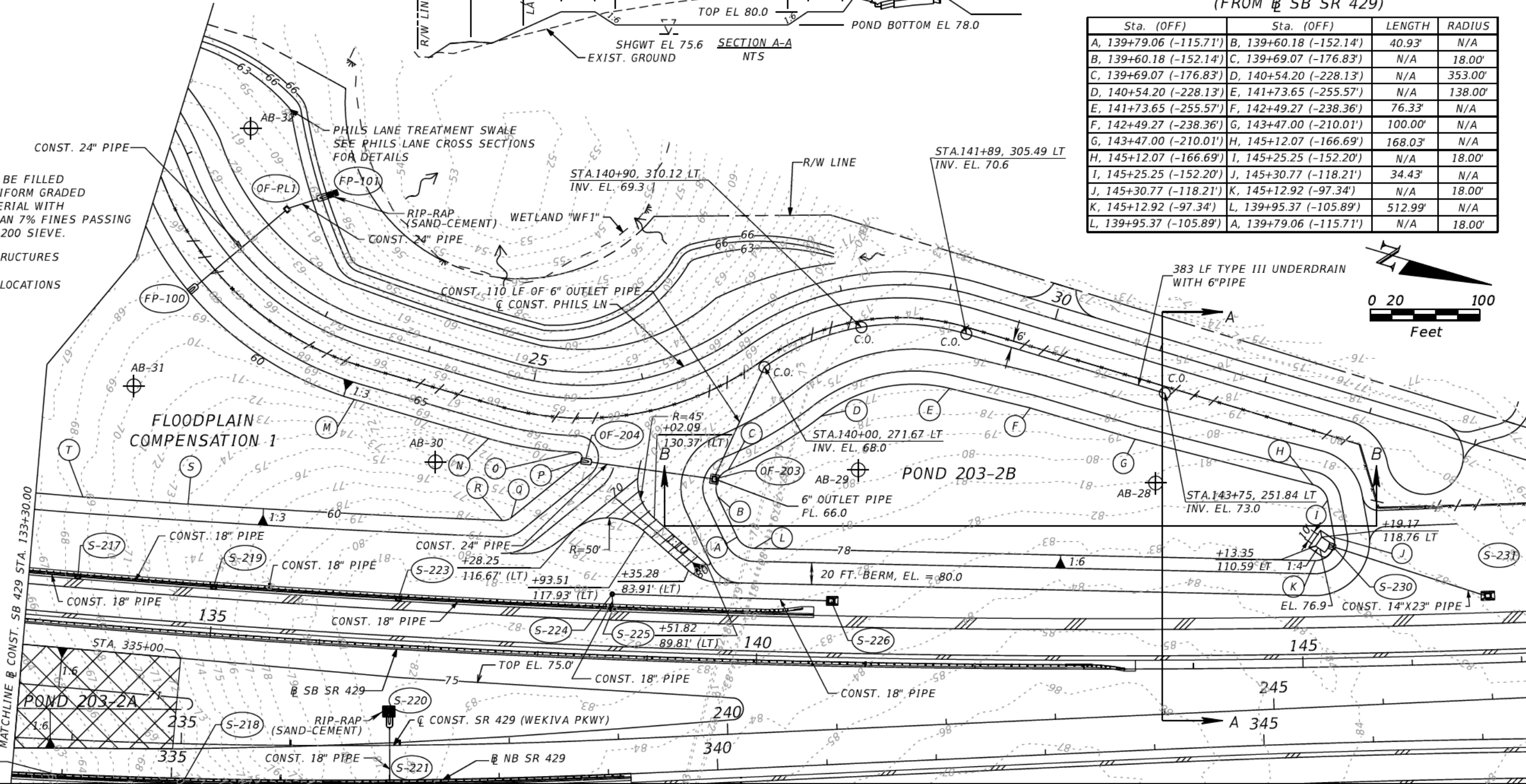
Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS
A, 139+79.06 (-115.71')	B, 139+60.18 (-152.14')	40.93'	N/A
B, 139+60.18 (-152.14')	C, 139+69.07 (-176.83')	N/A	18.00'
C, 139+69.07 (-176.83')	D, 140+54.20 (-228.13')	N/A	353.00'
D, 140+54.20 (-228.13')	E, 141+73.65 (-255.57')	N/A	138.00'
E, 141+73.65 (-255.57')	F, 142+49.27 (-238.36')	76.33'	N/A
F, 142+49.27 (-238.36')	G, 143+47.00 (-210.01')	100.00'	N/A
G, 143+47.00 (-210.01')	H, 145+12.07 (-166.69')	168.03'	N/A
H, 145+12.07 (-166.69')	I, 145+25.25 (-152.20')	N/A	18.00'
I, 145+25.25 (-152.20')	J, 145+30.77 (-118.21')	34.43'	N/A
J, 145+30.77 (-118.21')	K, 145+12.92 (-97.34')	N/A	18.00'
K, 145+12.92 (-97.34')	L, 139+95.37 (-105.89')	512.99'	N/A
L, 139+95.37 (-105.89')	A, 139+79.06 (-115.71')	N/A	18.00'



- NOTES:
- SOD USED IN POND AND FLOODPLAIN LOCATIONS SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.
 - CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.



- LEGEND
- AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL WITH LESS THAN 7% FINES PASSING THE NO. 200 SIEVE.
 - C.O. CLEANOUT STRUCTURES
 - SOIL BORING LOCATIONS



REVISIONS	
DATE	DESCRIPTION

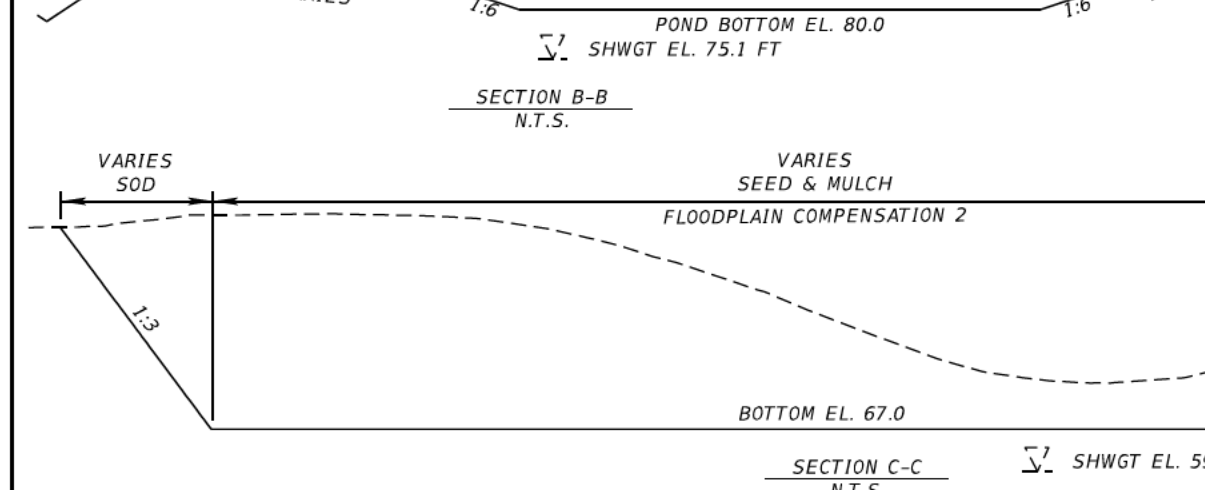
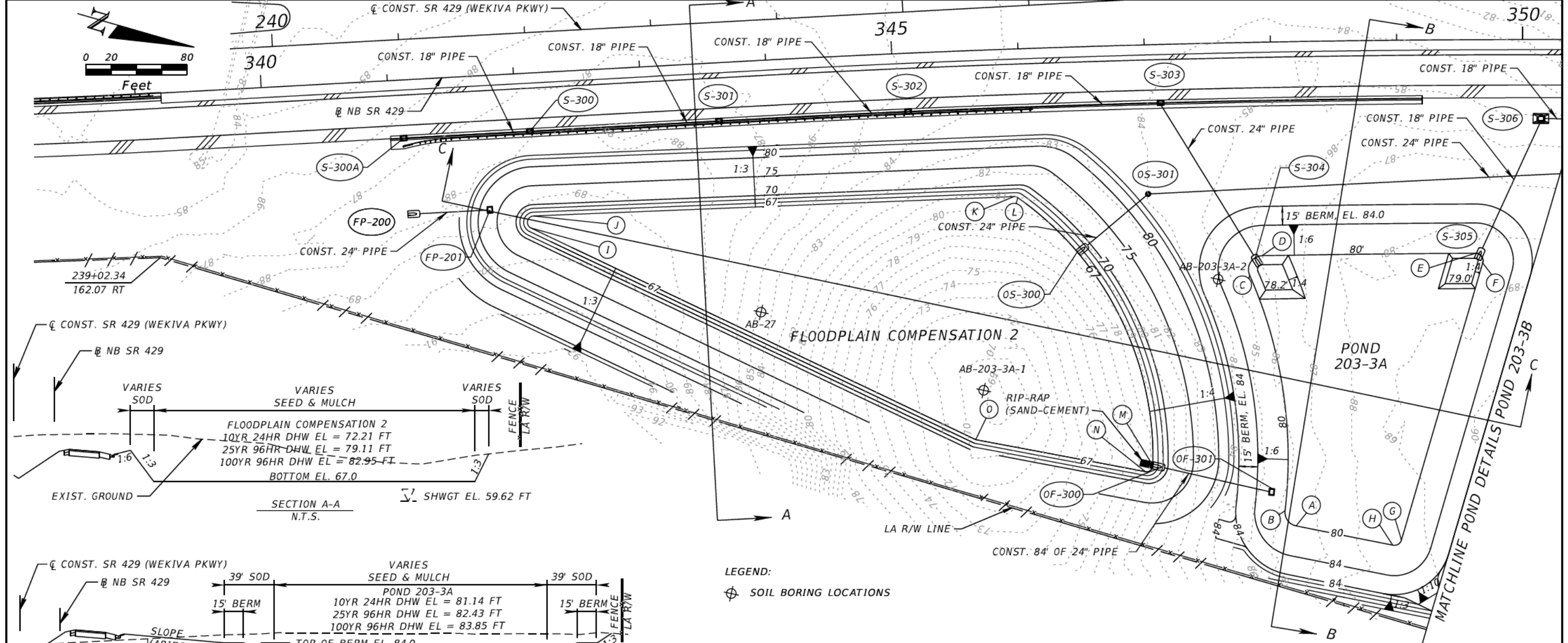
The Balmoral Group
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Winter Park, FL 32789
Phone: (407) 629-2185
www.balmoralgroup.us
Certificate of Authorization No. 26123
E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



POND DETAILS: POND 203-2B
FLOODPLAIN COMP. 1

SHEET NO. 296



LEGEND:
 ⊕ SOIL BORING LOCATIONS

SUMMARY OF BOTTOM OF POND LOC. REF. PNT. (FROM NB SR 29)

Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS
A, 348+13.89 (383.28')	B, 348+05.04 (371.07')	N/A	11.00'
B, 348+05.04 (371.07')	C, 347+79.92 (184.24')	N/A	358.91'
C, 347+79.92 (184.24')	D, 347+90.23 (169.00')	N/A	11.00'
D, 347+90.23 (169.00')	E, 349+61.70 (169.00')	N/A	11,290.16'
E, 349+61.70 (169.00')	F, 349+67.54 (176.71')	N/A	6.00'
F, 349+67.54 (176.71')	G, 349+00.06 (395.46')	229.15'	N/A
G, 349+00.06 (395.46')	H, 348+92.83 (399.58')	N/A	6.00'
H, 348+92.83 (399.58')	A, 348+13.89 (383.28')	77.97'	N/A

Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS
I, 342+07.32 (122.61)	J, 342+09.78 (113.22')	N/A	5.00'
J, 342+09.78 (113.22')	K, 345+92.58 (116.68')	380.73'	N/A
K, 345+92.58 (116.68')	L, 345+95.66 (117.70')	N/A	5.00'
L, 345+95.66 (117.70')	M, 346+97.93 (333.03')	N/A	251.91'
M, 346+97.93 (333.03')	N, 346+91.69 (337.66')	N/A	5.00'
N, 346+91.69 (337.66')	O, 345+54.29 (307.80')	136.83'	N/A
O, 345+54.29 (307.80')	I, 342+07.32 (122.61)	390.28'	N/A

NOTES:
 1. SOD USED IN POND AND FLOODPLAIN LOCATIONS SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.
 2. CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

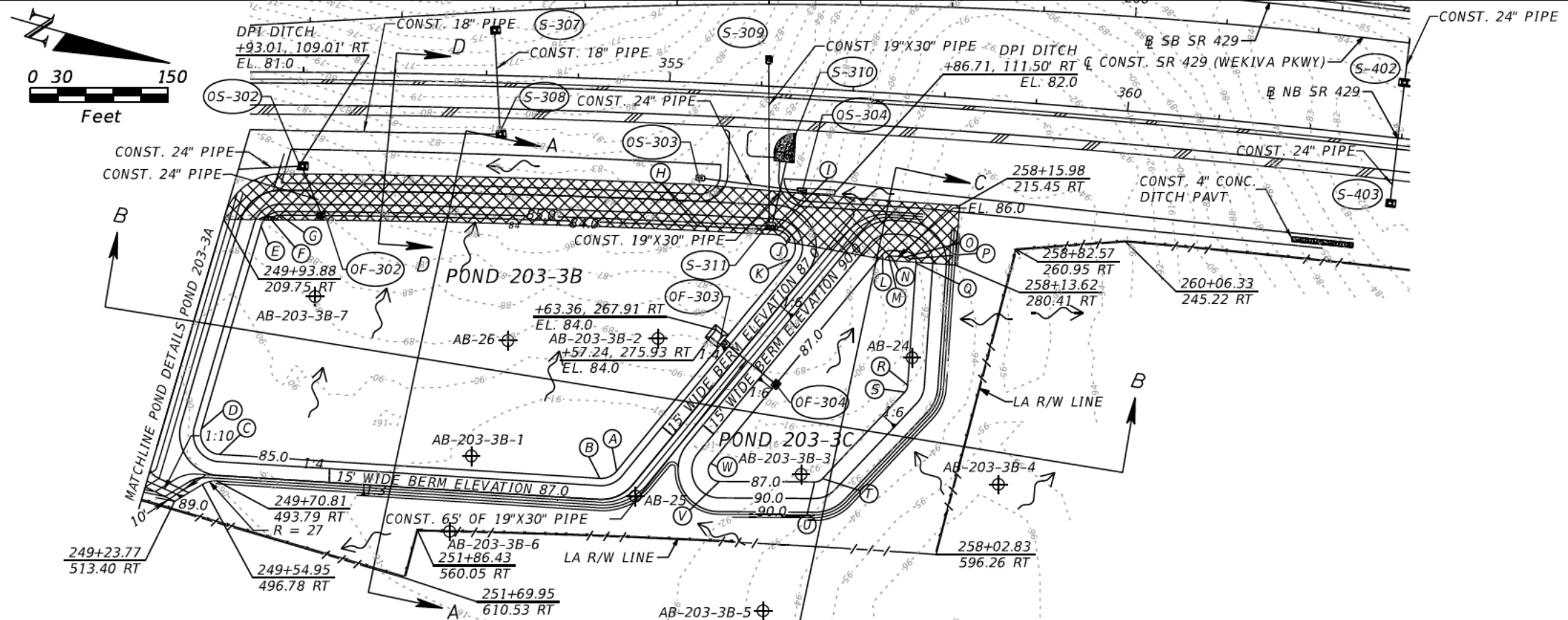
The Balmoral Group
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



POND DETAILS: FLOODPLAIN COMP. 2 & POND 203-3A

SHEET NO. 297



POND 203-3B CONTROL POINTS (FROM NB SR 429)

Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS
A, 354+58.58 (426.44')	B, 354+39.82 (435.12')	N/A	22.00'
B, 354+39.82 (435.12')	C, 350+09.07 (416.82')	415.12'	N/A
C, 350+09.07 (416.82')	D, 349+88.65 (388.65')	N/A	22.00'
D, 349+88.65 (388.65')	E, 350+54.81 (167.91')	229.99'	N/A
E, 350+54.81 (167.91')	F, 350+65.28 (159.62')	N/A	N/A
F, 350+65.28 (159.62')	G, 350+76.27 (156.00')	N/A	18.00'
G, 350+76.27 (156.00')	H, 355+37.56 (156.00')	N/A	11,303.16'
H, 355+37.56 (156.00')	I, 356+23.96 (156.11')	85.22'	N/A
I, 356+23.96 (156.11')	J, 356+40.29 (165.96')	N/A	18.00'
J, 356+40.29 (165.96')	K, 356+42.01 (187.14')	N/A	N/A
K, 356+42.01 (187.14')	A, 354+58.58 (426.44')	298.54'	N/A

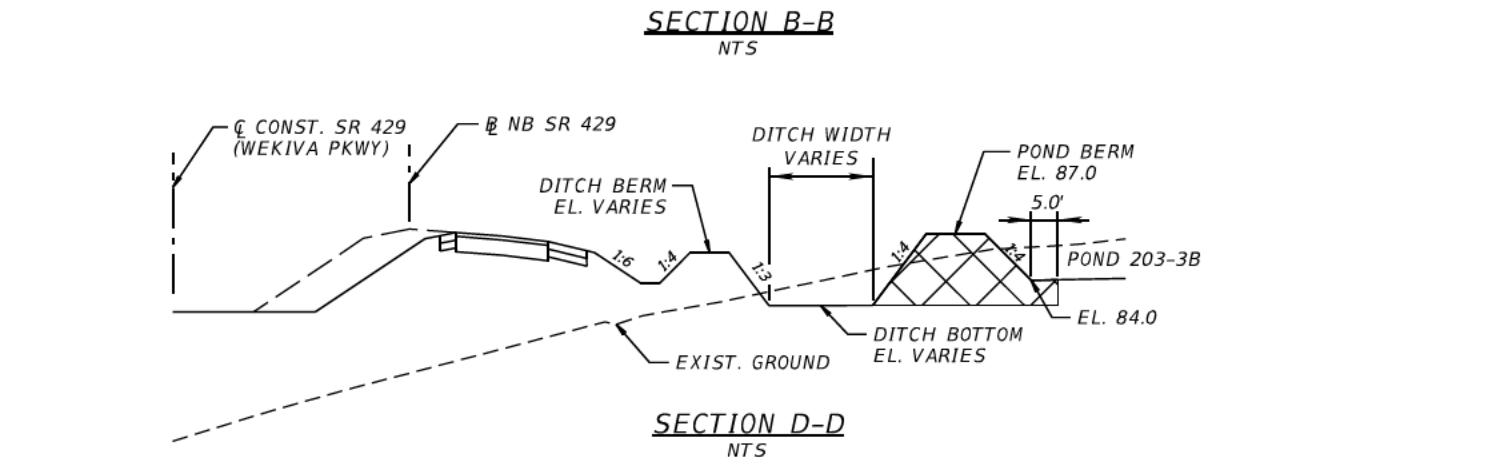
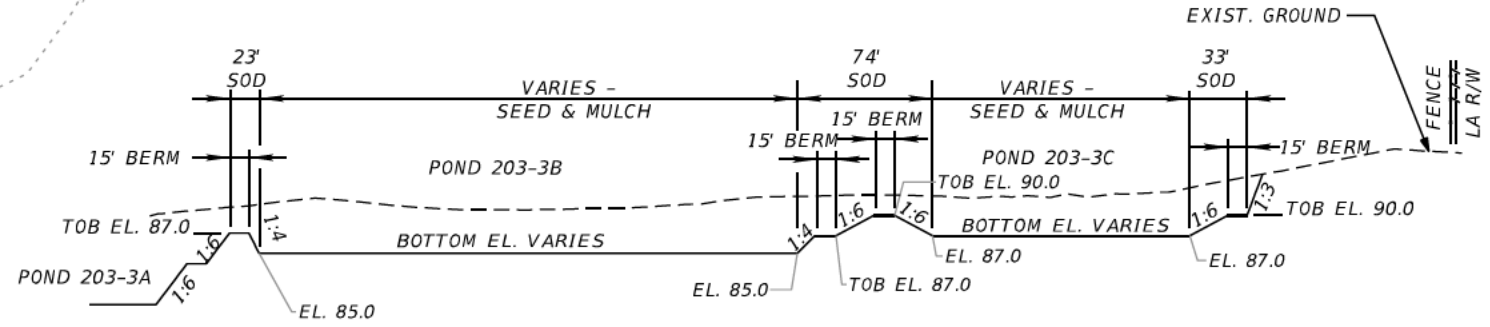
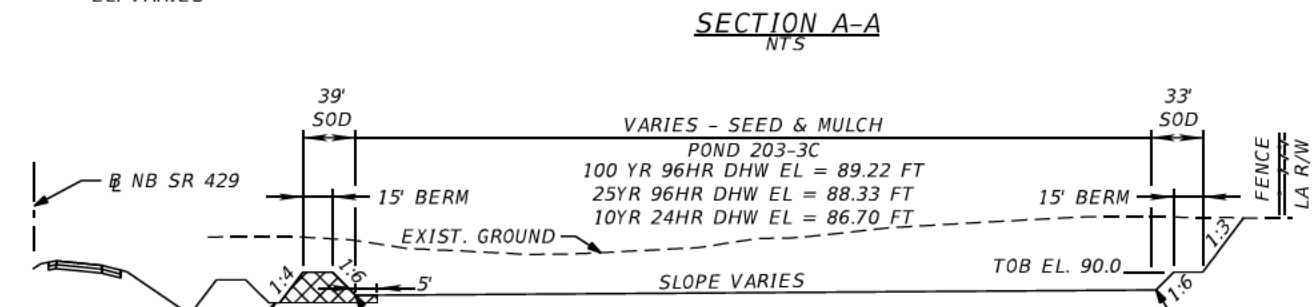
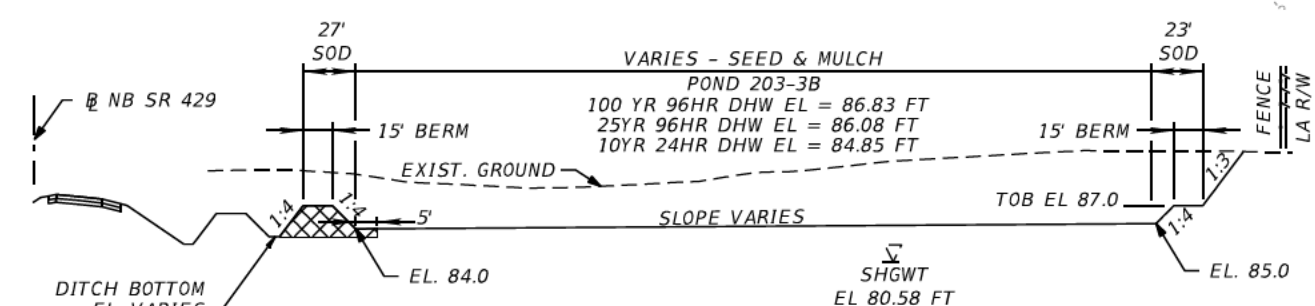
POND 203-3C CONTROL POINTS (FROM NB SR 429)

Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS
L, 357+43.20 (175.99')	N/A	N/A	N/A
M, 357+50.32 (177.66')	N, 357+53.10 (177.00')	N/A	6.00'
N, 357+53.10 (177.00')	O, 357+68.98 (177.00')	N/A	11,282.16'
O, 357+68.98 (177.00')	P, 357+73.30 (178.76')	N/A	6.00'
P, 357+73.30 (178.76')	Q, 357+81.17 (183.03')	N/A	N/A
Q, 357+81.17 (183.03')	R, 357+80.96 (316.18')	133.16'	N/A
R, 357+80.96 (316.18')	S, 357+78.11 (323.82')	N/A	12.00'
S, 357+78.11 (323.82')	T, 356+91.93 (423.55')	129.98'	N/A
T, 356+91.93 (423.55')	U, 356+83.06 (427.80')	N/A	12.00'
U, 356+83.06 (427.80')	V, 355+75.21 (432.74')	103.92'	N/A
V, 355+75.21 (432.74')	W, 355+64.68 (413.60')	N/A	12.00'
W, 355+64.68 (413.60')	L, 357+43.20 (175.99')	294.46'	N/A

LEGEND:

⊕ SOIL BORING LOCATIONS

XXXXX OVEREXCAVATION AREA TO BE REPLACED WITH UNIFORM GRADED A-3 MATERIAL WITH LESS THAN 7% FINES PASSING THE NO. 200 SIEVE DEPTH EXTENDS TO BOTTOM OF DITCH ELEVATION.



NOTES:

- SOD USED IN POND AND FLOODPLAIN LOCATIONS SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.
- CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.

REVISIONS		REVISIONS		<p>The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 www.balmoralgroup.us Certificate of Authorization No. 26123 E.O.R.: Gregory S. Seidel, P.E. No. 47571</p>	<p>CENTRAL FLORIDA EXPRESSWAY AUTHORITY</p>			<p>POND DETAILS: POND 203-3B</p>	<p>SHEET NO. 298</p>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			
					SR 429	429-203			

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**POND 203-4 CONTROL POINTS
(FROM SB SR 429)**

Sta. (OFF)	LENGTH	RADIUS
A, 161+26.00 (-154.99')	N/A	2.00'
B, 161+24.08 (-156.74')	5.49'	N/A
C, 161+23.40 (-162.19')	N/A	2.00'
D, 161+23.69 (-163.51')	N/A	30.00'
E, 161+24.79 (-398.94')	N/A	30.00'
F, 161+58.32 (-420.18')	N/A	30.00'
G, 162+07.79 (-303.92')	N/A	2.00'
H, 162+09.83 (-304.83')	58.41'	N/A
I, 162+64.03 (-292.16')	N/A	104.00'
J, 162+82.84 (-289.85')	314.92'	N/A
K, 165+82.57 (-292.16')	N/A	2.00'
L, 165+82.80 (-292.15')	N/A	2.00'
M, 167+31.84 (-280.30')	N/A	2.00'
N, 167+32.02 (-280.28')	256.16'	N/A
O, 169+74.71 (-245.66')	N/A	104.00'
P, 169+84.04 (-245.01')	N/A	30.00'
Q, 173+34.58 (-344.99')	N/A	30.00'
R, 173+63.63 (-322.97')	N/A	30.00'
S, 172+79.95 (-244.74')	N/A	2.00'
T, 172+81.89 (-243.27')	N/A	2.00'

**POND 203-4 CONTROL POINTS
(FROM SB SR 429)**

Sta. (OFF)	LENGTH	RADIUS
T, 172+81.89 (-243.27')	46.45'	N/A
U, 172+94.24 (-198.49')	N/A	2.00'
V, 172+94.32 (-197.99')	N/A	2.00'
W, 172+94.48 (-183.78')	14.21'	N/A
X, 172+88.65 (-177.71')	N/A	6.00'
Y, 169+64.18 (-170.58')	329.20'	N/A
Z, 169+46.95 (-169.70')	N/A	174.00'
A-1, 167+86.40 (-155.61')	165.70'	N/A
B-1, 167+74.31 (-155.91')	N/A	66.00'
C-1, 166+90.99 (-166.84')	86.36'	N/A
D-1, 166+66.22 (-167.18')	N/A	104.00'
E-1, 164+76.05 (-149.38')	196.21'	N/A
F-1, 164+73.49 (-149.26')	N/A	47.00'
G-1, 163+80.26 (-148.35')	95.65'	N/A
H-1, 163+75.46 (-148.45')	N/A	117.00'
I-1, 162+80.40 (-153.32')	97.68'	N/A
J-1, 162+76.27 (-153.48')	N/A	104.00'
A, 161+26.00 (-154.99')	N/A	3,596.08'

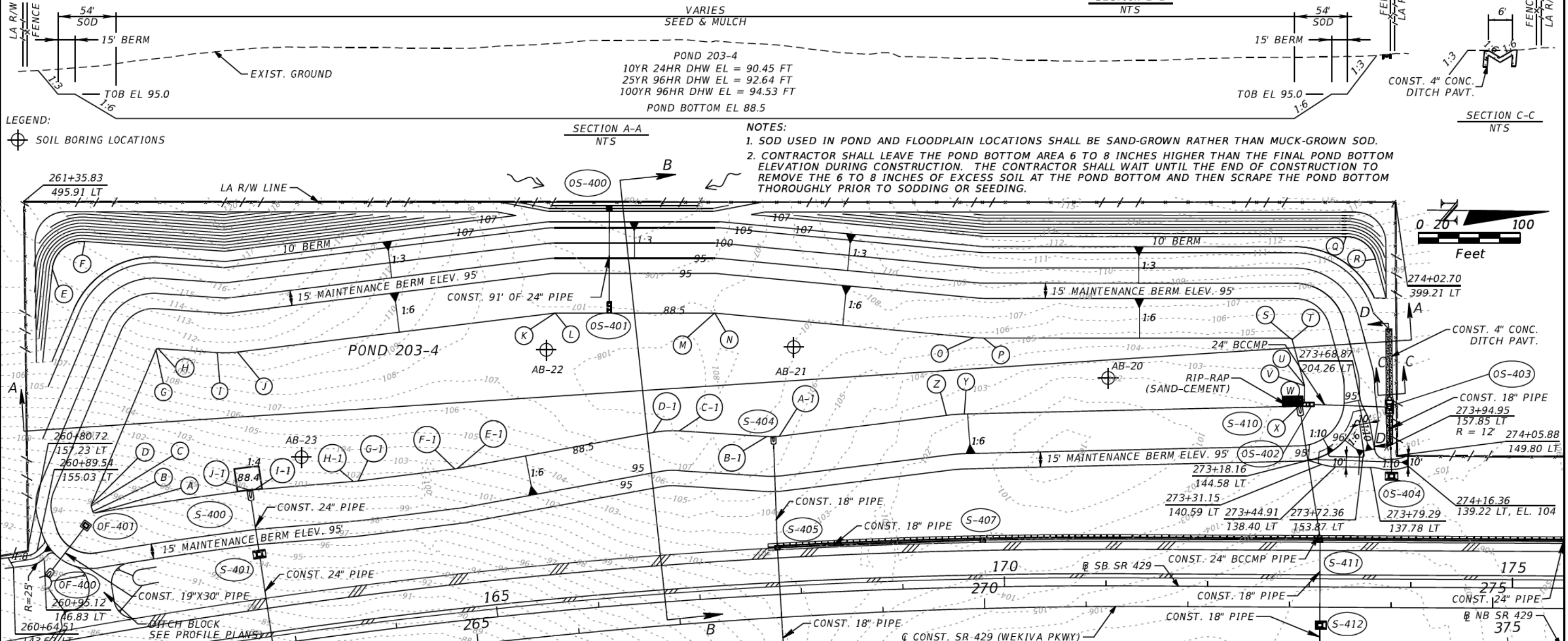
STA. 166+41.00 (390.60 LT)
SB SR 429
CONST. DBI TYPE D
INDEX NO. 232
GRATE EL. 105.70
FL 100.00 (RT)

STA. 173+78.05 (177.45 LT)
SB SR 429
CONST. DBI TYPE B
W/ TRAV. SLOTS (DBL.) (LT. & RT.)
INDEX NO. 231
GRATE EL. 102.50
FL 98.80 (BK & RT)

STA. 166+34.20 (298.80 LT)
SB SR 429
U-TYPE ENDWALL (W/ BAFFLES)(1:6)
INDEX NO. 261
FL 88.50 (LT)

STA. 173+04.10 (179.58 LT)
SB SR 429
U-TYPE CONC. ENDWALL
(W/ BAFFLES)(1:6)
FL 88.50 (AH)

- NOTES:**
- SOD USED IN POND AND FLOODPLAIN LOCATIONS SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.
 - CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.



REVISIONS	
DATE	DESCRIPTION

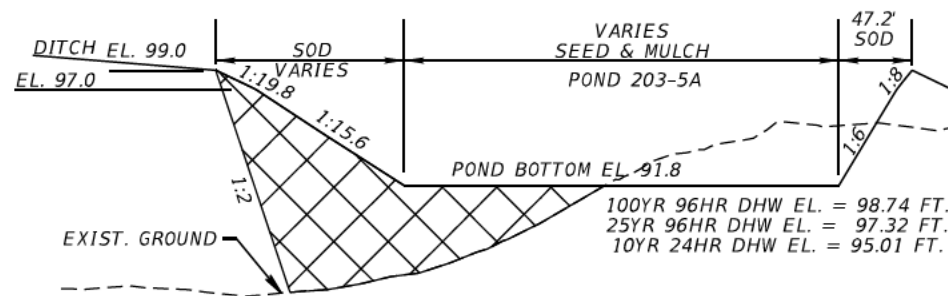
The Balmoral Group
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www.balmoralgroup.us
Certificate of Authorization No. 26123
E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



**POND DETAILS:
POND 203-4**

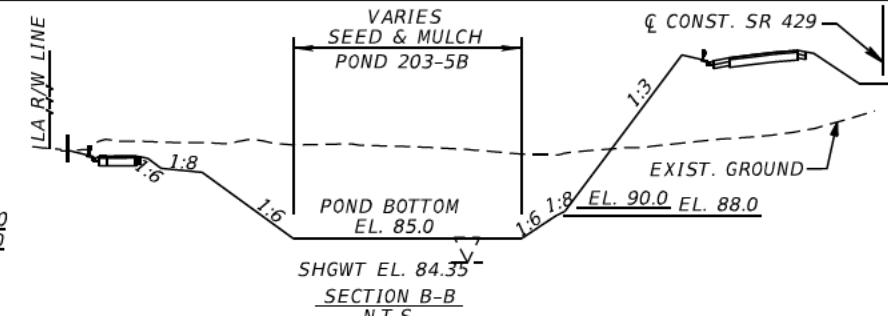
SHEET NO. 299



SECTION C-C
N.T.S.

NOTES:

- SOD USED IN POND AND FLOODPLAIN LOCATIONS SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.
- CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.
- CONTRACTOR IS NOT TO OVER-EXCAVATE OR REMOVE INSITU MATERIAL IN POND 203-5A AREA UNLESS APPROVED BY ENGINEER OF RECORD.



SECTION B-B
N.T.S.

POND 203-5A CONTROL POINTS
(FROM RAMP A)

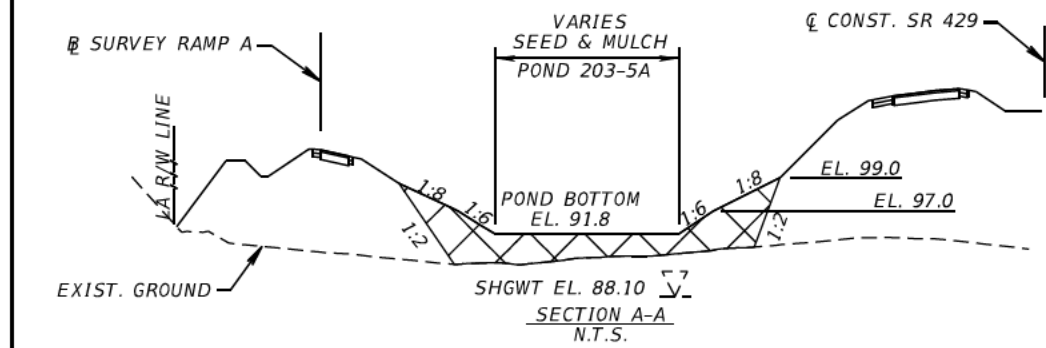
Sta. (OFF)	LENGTH	RADIUS
A, 1304+58.04 (126.33')	N/A	A-B 3.80'
B, 1304+58.68 (118.98')	N/A	B-C 1558.80'
C, 1307+10.30 (83.76')	C-D 35.40'	N/A
D, 1307+46.89 (78.66')	N/A	D-E 2.80'
E, 1307+50.25 (81.64')	E-F 90.01'	N/A
F, 1307+42.33 (173.36')	N/A	F-G 2.80'
G, 1307+39.10 (175.92')	G-H 119.95'	N/A
H, 1306+07.83 (165.62')	N/A	H-I 102.80'
I, 1305+94.30 (163.31')	I-A 131.22'	N/A
AA, 1303+60.52 (143.26')	N/A	AA-BB 50.00'
BB, 1303+65.75 (85.53')	N/A	BB-CC 1606.00'
CC, 1307+04.24 (36.93')	CC-DD 34.98'	N/A
DD, 1307+39.51 (32.00')	N/A	DD-EE 50.00'
EE, 1307+99.50 (84.74')	EE-FF 92.01'	N/A
FF, 1307+94.16 (176.61')	N/A	FF-GG 50.00'
GG, 1307+36.34 (223.06')	GG-HH 119.42'	N/A
HH, 1306+01.46 (212.47')	N/A	HH-II 150.00'
II, 1305+81.20 (209.00')	II-AA 212.39'	N/A

POND 203-5B CONTROL POINTS
(FROM RAMP A)

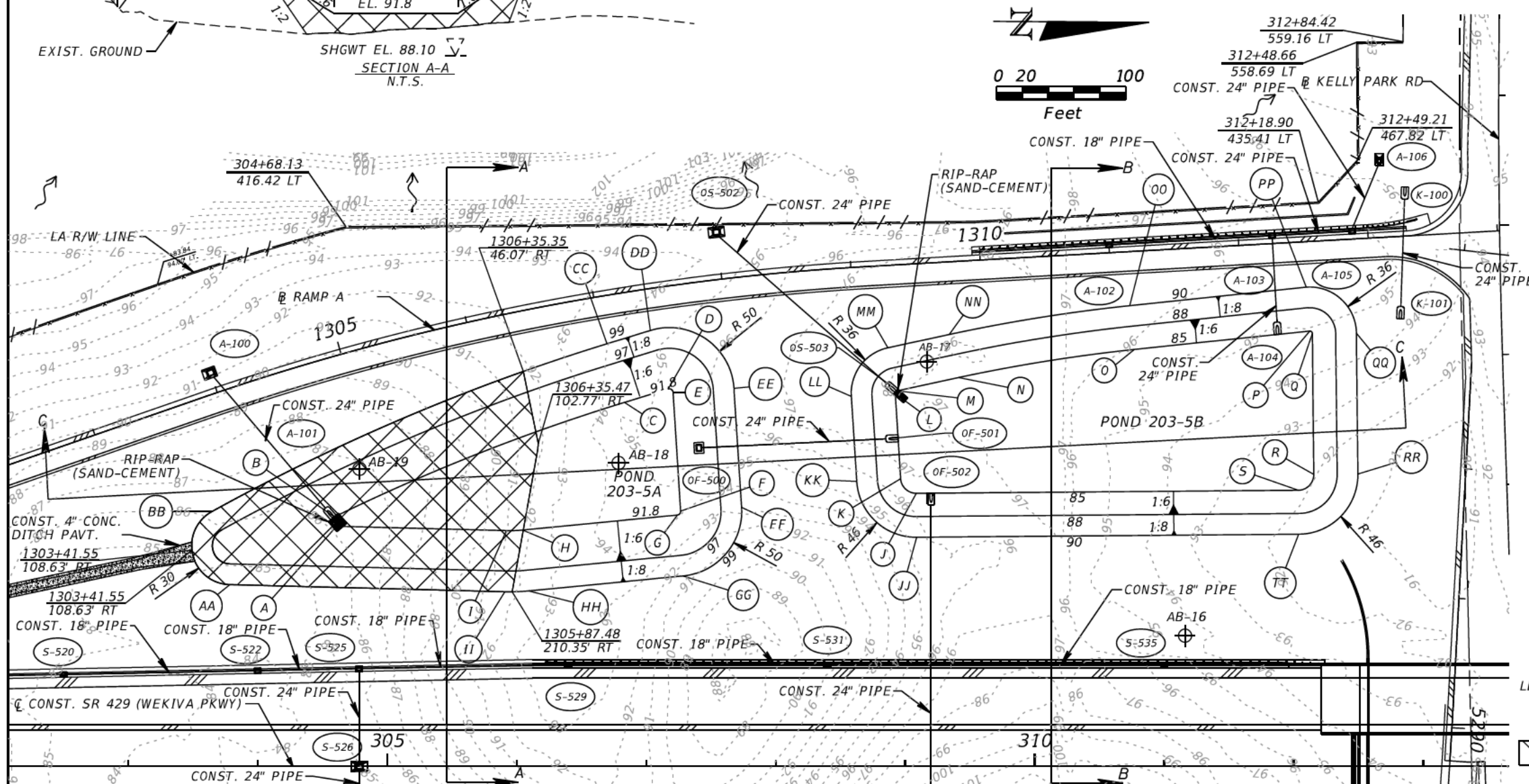
Sta. (OFF)	LENGTH	RADIUS
J, 1309+40.66 (176.83')	N/A	J-K 12.00'
K, 1309+29.24 (164.93')	K-L 65.81'	N/A
L, 1309+28.75 (99.12')	N/A	L-M 2.00'
M, 1309+30.44 (97.13')	M-N 48.44'	N/A
N, 1309+78.28 (89.58')	N/A	N-O 1272.00'
O, 1311+15.03 (75.54')	O-P 136.21'	N/A
P, 1312+51.08 (68.96')	N/A	P-Q 2.00'
Q, 1312+52.92 (71.05')	Q-R 108.71'	N/A
R, 1312+47.91 (179.64')	N/A	R-S 12.00'
S, 1312+35.34 (191.08')	S-J 295.02'	N/A
JJ, 1309+39.02 (210.72')	N/A	JJ-KK 46.00'
KK, 1308+93.43 (165.08')	KK-LL 65.81'	N/A
LL, 1308+93.67 (99.27')	N/A	LL-MM 36.00'
MM, 1309+25.14 (63.54')	MM-NN 48.44'	N/A
NN, 1309+72.99 (56.00')	N/A	NN-OO 1306.00'
OO, 1311+13.39 (41.58')	OO-PP 137.12'	N/A
PP, 1312+50.36 (34.96')	N/A	PP-QQ 36.00'
QQ, 1312+86.88 (72.62')	QQ-RR 108.71'	N/A
RR, 1312+81.87 (181.21')	N/A	RR-SS 46.00'
SS, 1312+33.70 (225.04')	SS-JJ 295.02'	N/A

LEGEND:

- SOIL BORING LOCATIONS
- AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL WITH LESS THAN 7% FINES PASSING THE NO. 200 SIEVE.



SECTION A-A
N.T.S.



DATE		BY		DESCRIPTION	

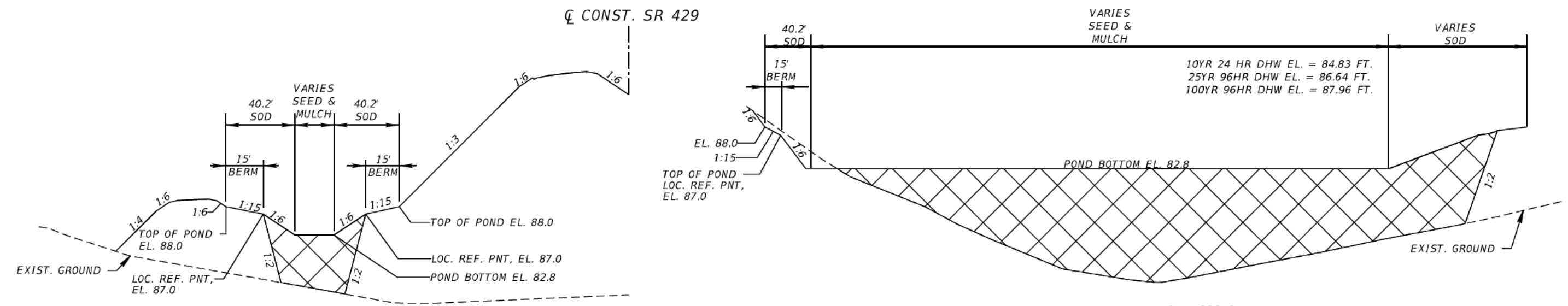
The Balmoral Group
165 Lincoln Avenue
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Certificate of Authorization No. 26123
E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



**POND DETAILS:
PONDS 203-5A & 203-5B**

SHEET NO. 300

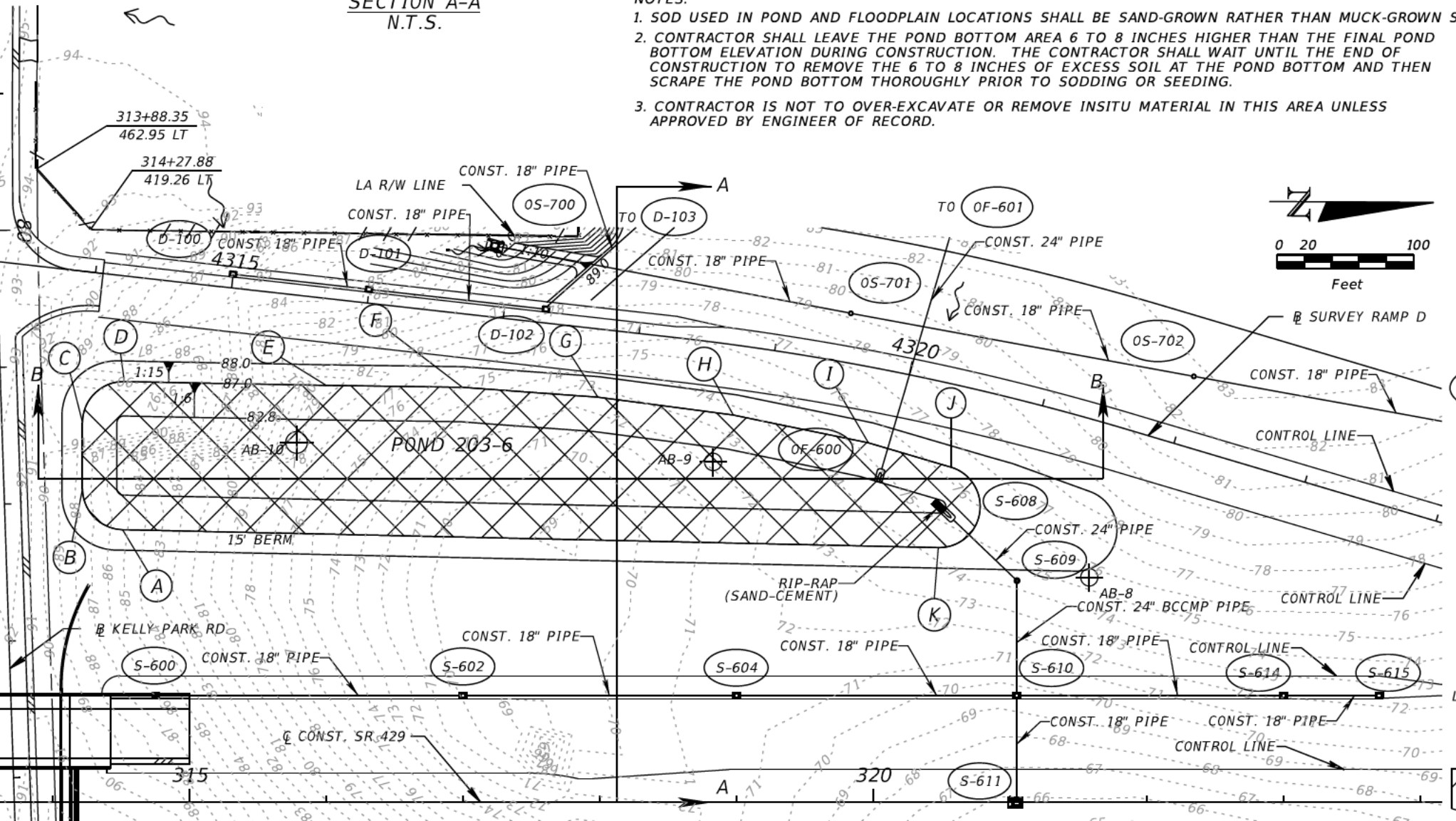


POND 203-6
SECTION A-A
N.T.S.

POND 203-6
SECTION B-B
N.T.S.

NOTES:

1. SOD USED IN POND AND FLOODPLAIN LOCATIONS SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.
2. CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.
3. CONTRACTOR IS NOT TO OVER-EXCAVATE OR REMOVE INSITU MATERIAL IN THIS AREA UNLESS APPROVED BY ENGINEER OF RECORD.



POND 203-6 CONTROL POINTS
(FROM SURVEY RAMP D)

Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS
A, 4314+40.48 (184.38')	B, 4314+07.99 (157.83')	N/A	30.00'
B, 4314+07.99 (157.83')	C, 4314+02.63 (109.95')	48.18'	N/A
C, 4314+02.63 (109.95')	D, 4314+29.68 (76.74')	N/A	30.00'
D, 4314+29.68 (76.74')	E, 4315+76.70 (63.13')	147.66'	N/A
E, 4315+76.70 (63.13')	F, 4316+75.83 (53.39')	99.61'	N/A
F, 4316+75.83 (53.39')	G, 4317+75.14 (49.56')	99.38'	N/A
G, 4317+75.14 (49.56')	H, 4318+76.36 (50.86')	99.89'	N/A
H, 4318+76.36 (50.86')	I, 4319+80.10 (54.67')	100.93'	N/A
I, 4319+80.10 (54.67')	J, 4320+44.60 (59.47')	62.76'	N/A
J, 4320+44.60 (59.47')	K, 4320+49.18 (118.79')	N/A	30.00'
K, 4320+49.18 (118.79')	A, 4314+40.48 (184.38')	596.72'	N/A

LEGEND:

- ⊕ SOIL BORING LOCATIONS
- ▨ AREA TO BE FILLED WITH UNIFORM GRADE A-3 MATERIAL WITH LESS THAN 7% FINES PASSING THE NO. 200 SIEVE.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

The Balmoral Group
165 Lincoln Avenue
Winter Park, FL 32789
Phone: (407) 629-2185
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Certificate of Authorization No. 26123
E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



**POND DETAILS:
POND 203-6**

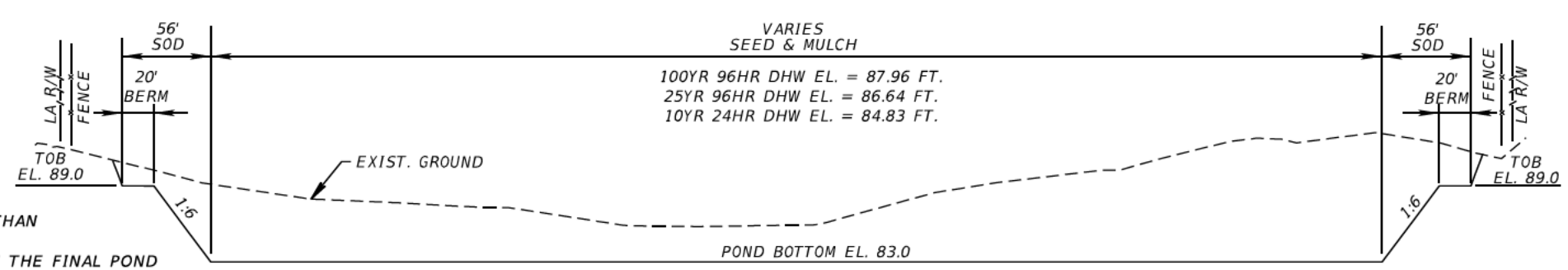
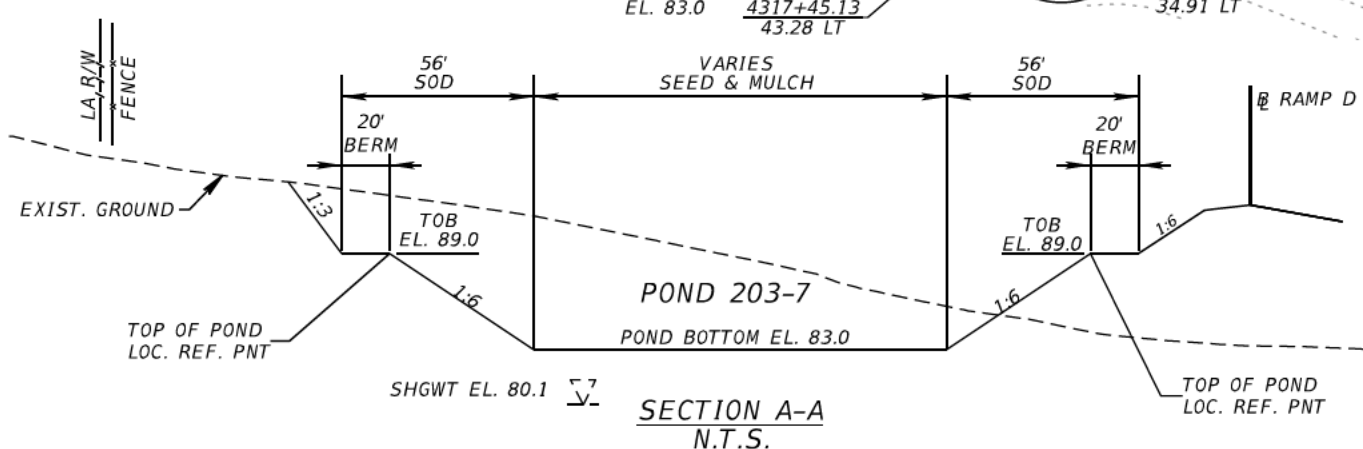
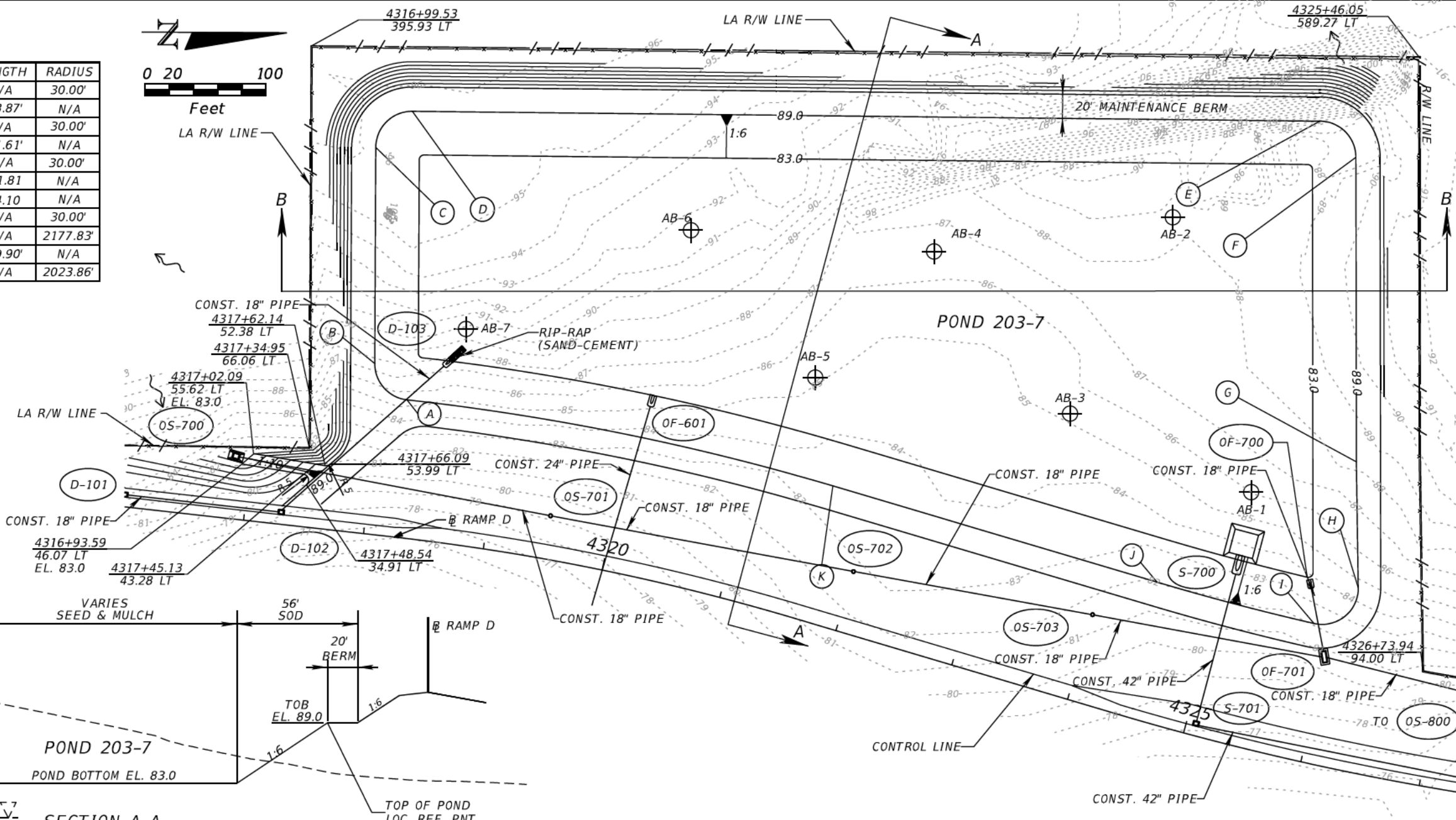
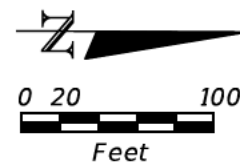
SHEET NO.
301

POND 203-7 CONTROL POINTS
(FROM B SURVEY RAMP D)

Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS
A, 4318+23.50 (-114.00')	B, 4317+93.64 (-140.80')	N/A	30.00'
B, 4317+93.64 (-140.80')	C, 4317+74.54 (-318.64')	178.87'	N/A
C, 4317+74.54 (-318.64')	D, 4318+01.36 (-351.69')	N/A	30.00'
D, 4318+01.36 (-351.69')	E, 4324+70.67 (-517.86')	751.61'	N/A
E, 4324+70.67 (-517.86')	F, 4325+17.56 (-496.77')	N/A	30.00'
F, 4325+17.56 (-496.77')	G, 4325+89.62 (-252.25')	251.81'	N/A
G, 4325+89.62 (-252.25')	H, 4326+16.06 (-150.98')	104.10'	N/A
H, 4326+16.06 (-150.98')	I, 4325+84.88 (-114.00')	N/A	30.00'
I, 4325+84.88 (-114.00')	J, 4324+43.41 (-114.00')	N/A	2177.83'
J, 4324+43.41 (-114.00')	K, 4321+63.52 (-114.00')	279.90'	N/A
K, 4321+63.52 (-114.00')	A, 4318+23.50 (-114.00')	N/A	2023.86'

LEGEND:

⊕ SOIL BORING LOCATIONS



- NOTES:
- SOD USED IN POND AND FLOODPLAIN LOCATIONS SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.
 - CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.
 - ORANGE COUNTY CONTOURS FROM LAKE AOPKA- BIG WEKIVA DRAINAGE BASIN STUDY, PSI, 2008
ELEVATION DATUM: NAVD88
SECT. 12, 13, 24, 25, T20S, R27E

POND 203-7
SECTION B-B
N.T.S.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

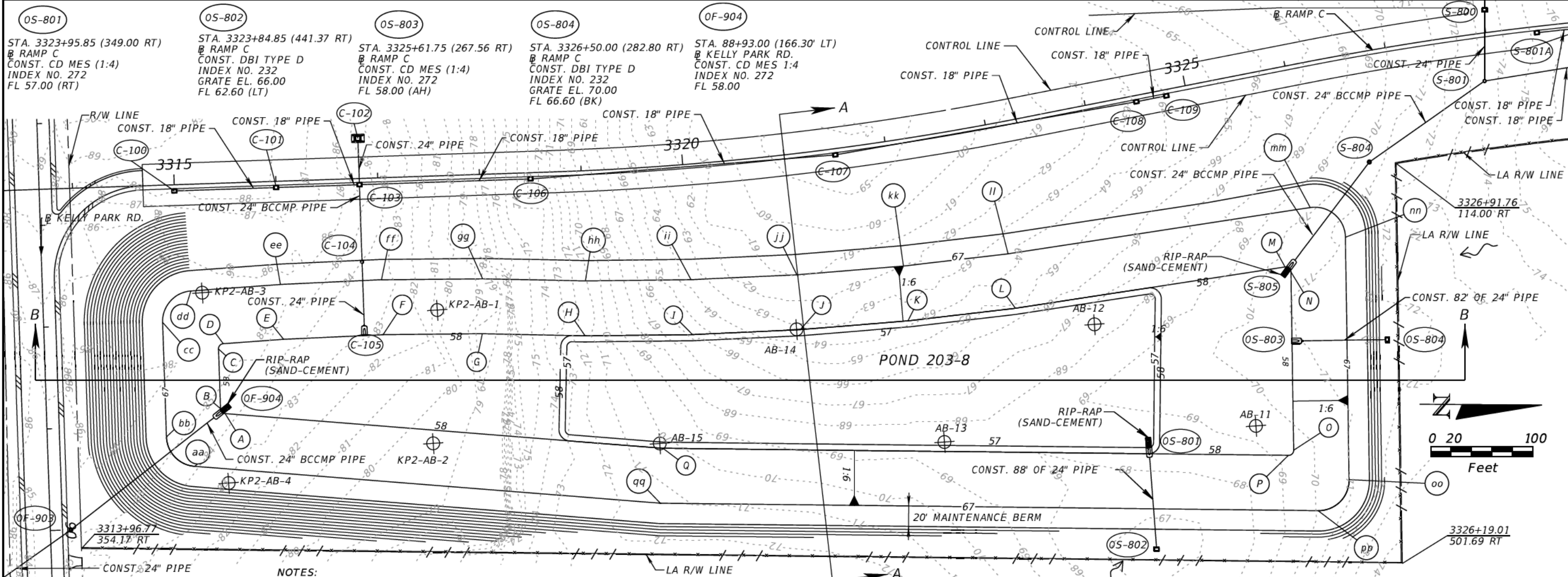
The Balmoral Group
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CENTRAL FLORIDA
EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



POND DETAILS:
POND 203-7

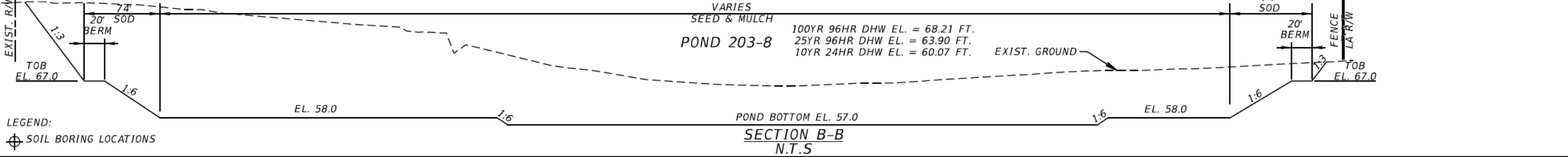
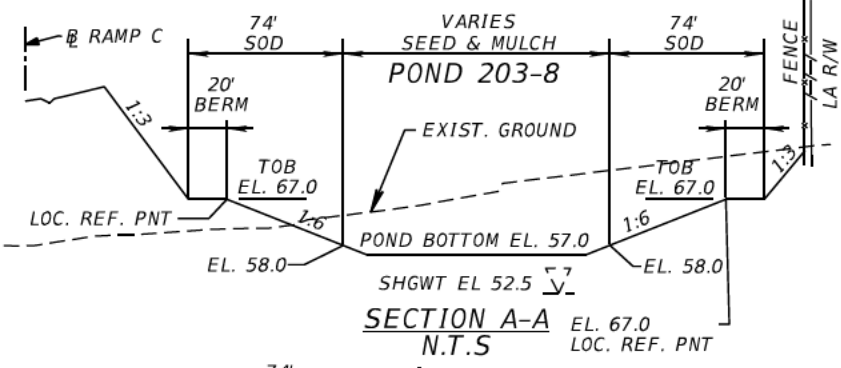
SHEET NO.
302



- NOTES:**
- SOD USED IN POND AND FLOODPLAIN LOCATIONS SHALL BE SAND-GROWN SOD RATHER THAN MUCK-GROWN SOD.
 - CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.

POND 203-8 CONTROL POINTS (FROM SURVEY RAMP C)

Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS	Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS	Sta. (OFF)	Sta. (OFF)	LENGTH	RADIUS
A, 3315+42.42 (226.43')	B, 3315+37.98 (221.46')	N/A	5'	L, 3322+96.60 (182.63')	M, 3325+62.18 (193.66')	268.00'	N/A	ff, 3317+00.36 (100.19')	gg, 3317+99.68 (102.60')	99.36'	N/A
B, 3315+37.98 (221.46')	C, 3315+38.03 (162.65')	58.71'	N/A	M, 3325+62.18 (193.66')	N, 3325+66.89 (199.54')	N/A	5'	gg, 3317+99.68 (102.60')	hh, 3318+99.50 (108.25')	100.98'	N/A
C, 3315+38.03 (162.65')	D, 3315+42.84 (157.76')	N/A	5'	N, 3325+66.89 (199.54')	O, 3325+35.76 (371.88')	175.13'	N/A	hh, 3318+99.50 (108.25')	ii, 3319+99.37 (113.36')	103.85'	N/A
D, 3315+42.84 (157.76')	E, 3316+02.38 (155.45')	59.59'	N/A	O, 3325+35.76 (371.88')	P, 3325+29.82 (375.88')	N/A	5'	ii, 3319+99.37 (113.36')	jj, 3320+99.27 (118.47')	104.06'	N/A
E, 3316+02.38 (155.45')	F, 3317.00.05 (154.20')	97.67'	N/A	P, 3325+29.82 (375.88')	Q, 3319+62.41 (276.59')	614.76'	N/A	jj, 3320+99.27 (118.47')	kk, 3322+00.00 (123.60')	103.36'	N/A
F, 3317.00.05 (154.20')	G, 3317+97.55 (156.59')	97.53'	N/A	Q, 3319+62.41 (276.59')	A, 3315+42.42 (226.43')	431.38'	N/A	kk, 3322+00.00 (123.60')	ll, 3322+99.06 (128.65')	103.54'	N/A
G, 3317+97.55 (156.59')	H, 3318+97.05 (162.19')	101.02'	N/A	aa, 3315+10.58 (277.17')	bb, 3314+83.96 (247.33')	N/A	30'	ll, 3322+99.06 (128.65')	mm, 3325+97.69 (141.10')	300.31'	N/A
H, 3318+97.05 (162.19')	I, 3319+96.86 (167.31')	105.67'	N/A	bb, 3314+83.96 (247.33')	cc, 3314+84.06 (134.83')	112.50'	N/A	mm, 3325+97.69 (141.10')	nn, 3326+26.35 (176.40')	N/A	30'
I, 3319+96.86 (167.31')	J, 3320+96.27 (172.42')	105.95'	N/A	cc, 3314+84.06 (134.83')	dd, 3315+12.89 (104.88')	N/A	30'	nn, 3326+26.35 (176.40')	oo, 3325+83.61 (410.78')	238.17'	N/A
J, 3320+96.27 (172.42')	K, 3321+96.68 (177.52')	106.13'	N/A	dd, 3315+12.89 (104.88')	ee, 3316+00.99 (101.46')	88.16'	N/A	oo, 3325+83.61 (410.78')	pp, 3325+47.98 (434.82')	N/A	30'
K, 3321+96.68 (177.52')	L, 3322+96.60 (182.63')	106.32'	N/A	ee, 3316+00.99 (101.46')	ff, 3317+00.36 (100.19')	99.38'	N/A	pp, 3325+47.98 (434.82')	qq, 3319+57.07 (330.30')	646.36'	N/A
				ff, 3317+00.36 (100.19')	gg, 3317+99.68 (102.60')	99.38'	N/A	qq, 3319+57.07 (330.30')	aa, 3315+10.58 (277.17')	459.13'	N/A



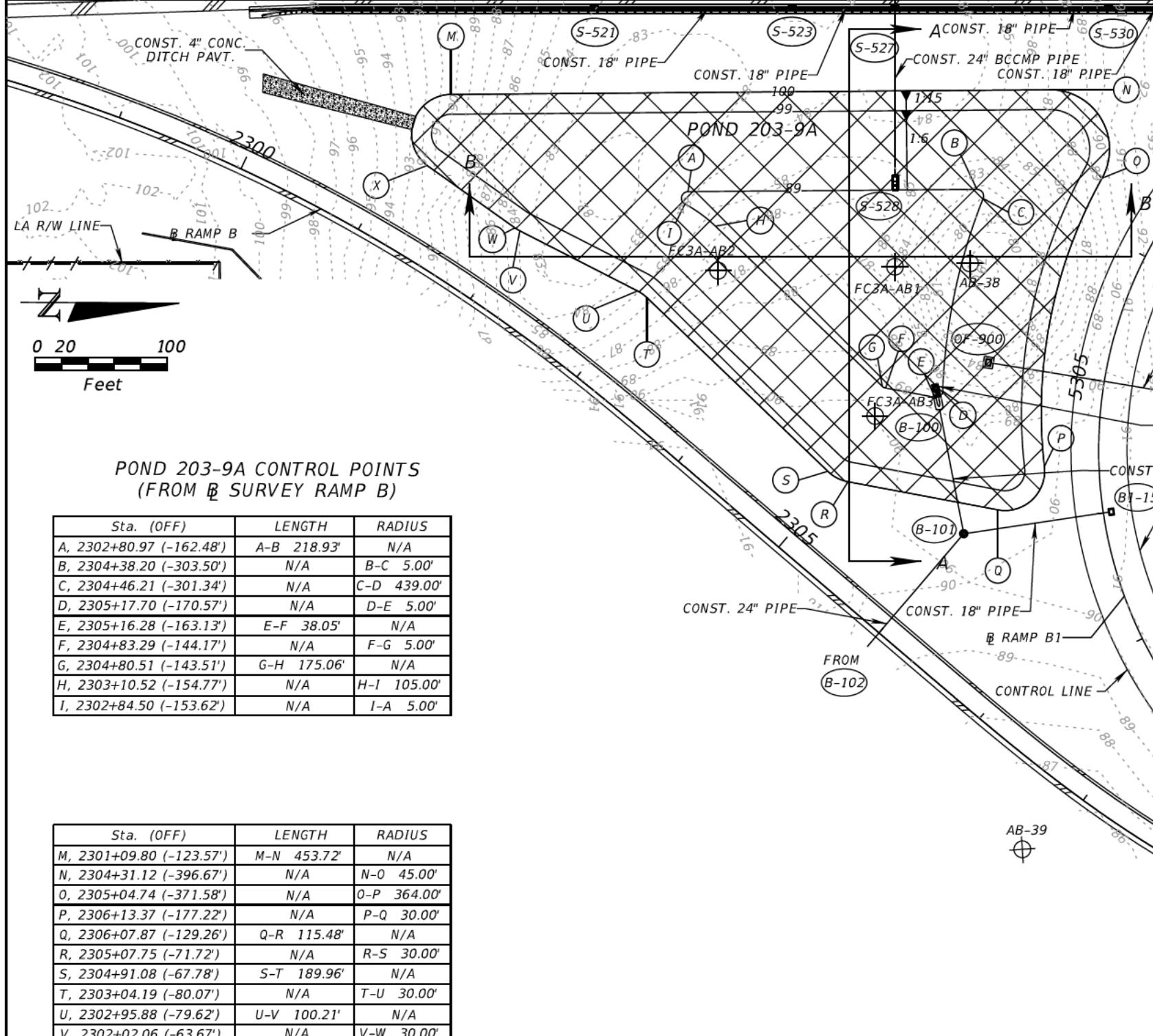
LEGEND:
 ⊕ SOIL BORING LOCATIONS

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

The Balmoral Group
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203

CFX
POND DETAILS: POND 203-8
 SHEET NO. 303



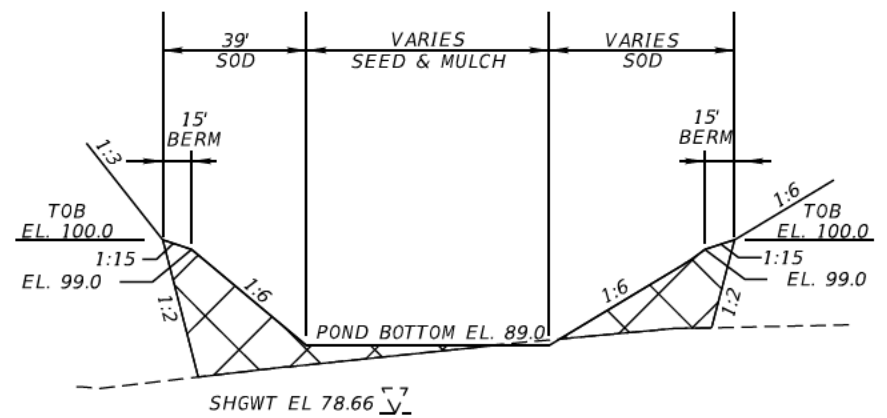
- NOTES:
1. SOD USED IN POND AND FLOODPLAIN LOCATIONS SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.
 2. CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.
 3. CONTRACTOR IS NOT TO OVER-EXCAVATE OR REMOVE INSITU MATERIAL IN THIS AREA UNLESS APPROVED BY ENGINEER OF RECORD.

POND 203-9A CONTROL POINTS
(FROM B SURVEY RAMP B)

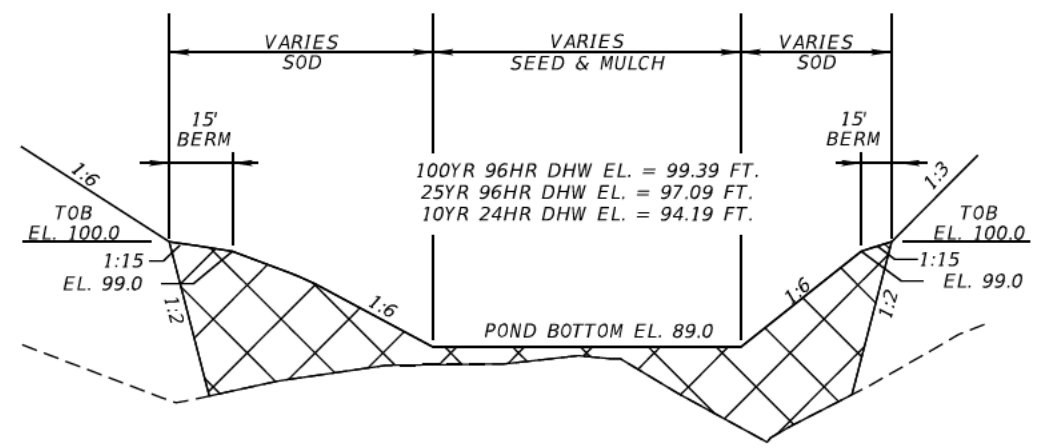
Sta. (OFF)	LENGTH	RADIUS
A, 2302+80.97 (-162.48')	A-B 218.93'	N/A
B, 2304+38.20 (-303.50')	N/A	B-C 5.00'
C, 2304+46.21 (-301.34')	N/A	C-D 439.00'
D, 2305+17.70 (-170.57')	N/A	D-E 5.00'
E, 2305+16.28 (-163.13')	E-F 38.05'	N/A
F, 2304+83.29 (-144.17')	N/A	F-G 5.00'
G, 2304+80.51 (-143.51')	G-H 175.06'	N/A
H, 2303+10.52 (-154.77')	N/A	H-I 105.00'
I, 2302+84.50 (-153.62')	N/A	I-A 5.00'

Sta. (OFF)	LENGTH	RADIUS
M, 2301+09.80 (-123.57')	M-N 453.72'	N/A
N, 2304+31.12 (-396.67')	N/A	N-O 45.00'
O, 2305+04.74 (-371.58')	N/A	O-P 364.00'
P, 2306+13.37 (-177.22')	N/A	P-Q 30.00'
Q, 2306+07.87 (-129.26')	Q-R 115.48'	N/A
R, 2305+07.75 (-71.72')	N/A	R-S 30.00'
S, 2304+91.08 (-67.78')	S-T 189.96'	N/A
T, 2303+04.19 (-80.07')	N/A	T-U 30.00'
U, 2302+95.88 (-79.62')	U-V 100.21'	N/A
V, 2302+02.06 (-63.67')	N/A	V-W 30.00'
W, 2301+97.93 (-63.46')	W-X 80.44'	N/A
X, 2301+20.44 (-67.99')	N/A	X-M 30.00'

- LEGEND:
- SOIL BORING LOCATIONS
 - AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL WITH LESS THAN 7% FINES PASSING THE NO. 200 SIEVE.



POND 203-9A
SECTION A-A
N.T.S



POND 203-9A
SECTION B-B
N.T.S

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
165 Lincoln Avenue
Winter Park, FL 32789
Phone: (407) 629-2185
www.balmoralgroup.us
Certificate of Authorization No. 26123
E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



**POND DETAILS:
POND 203-9A**

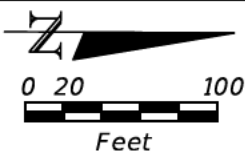
SHEET NO. 304

**POND 203-9B CONTROL POINTS
(FROM B SURVEY RAMP B1)**

Sta. (OFF)	LENGTH	RADIUS
A, 5304+92.99 (112.01')	N/A	A-B 224.00'
B, 3315+37.98 (221.46')	N/A	B-C 249.00'
C, 5301+06.43 (76.55')	N/A	C-D 87.00'
D, 5298+98.53 (175.85')	N/A	N/A
E, 5298+85.54 (174.94')	E-F 170.52'	N/A
F, 5294.49.15 (300.97')	N/A	F-G 23.00'
G, 5309+09.89 (276.62')	G-H 194.66'	N/A
H, 5305+26.92 (124.62')	N/A	H-I 23.00'
I, 5304+94.03 (106.05')	N/A	I-J 230.00'
J, 5302+26.53 (83.03')	N/A	J-K 255.00'
K, 5301+07.52 (70.61')	N/A	K-E 93.00'

**POND 203-9C CONTROL POINTS
(FROM B SURVEY RAMP B)**

Sta. (OFF)	LENGTH	RADIUS
L, 2313+77.64 (-67.76')	N/A	L-M 5.00'
M, 2313+80.94 (-59.00')	M-N 92.70'	N/A
N, 2314+73.64 (-59.00')	N/A	N-O 7.00'
O, 2314+80.63 (-66.18')	O-P 82.74'	N/A
P, 2314+78.45 (-148.90')	N/A	P-Q 5.00'
Q, 2314+69.56 (-151.91')	Q-R 11.56'	N/A
R, 2314+62.30 (-142.91')	N/A	R-S 53.00'
S, 2314+55.97 (-136.32')	S-L 104.09'	N/A



NOTES:

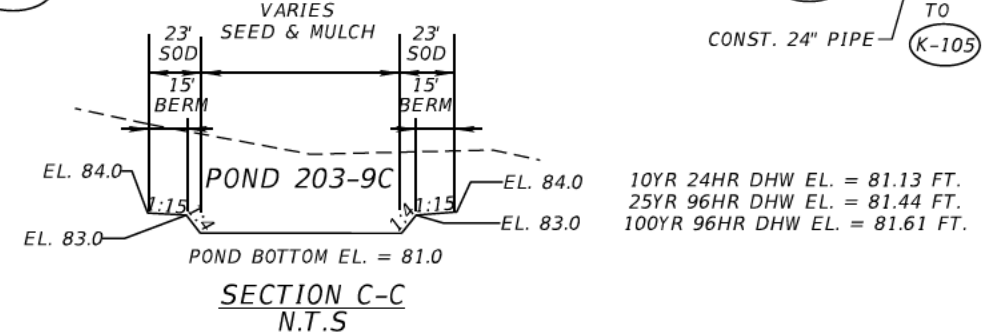
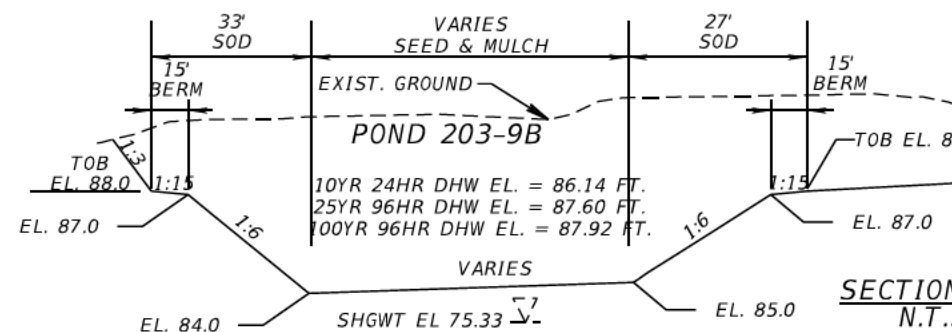
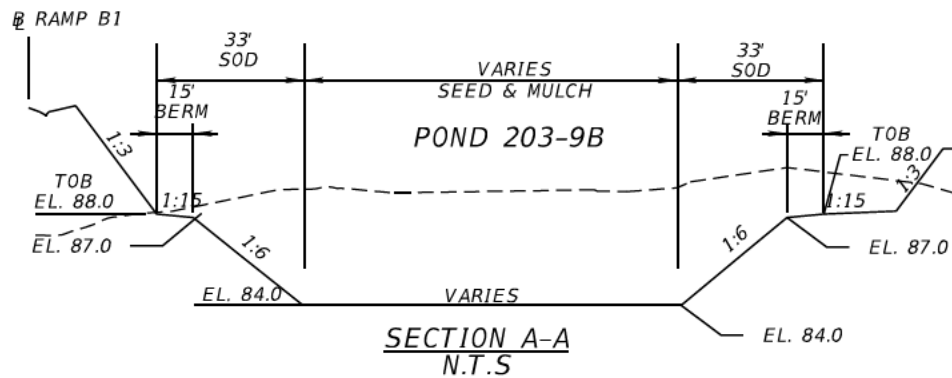
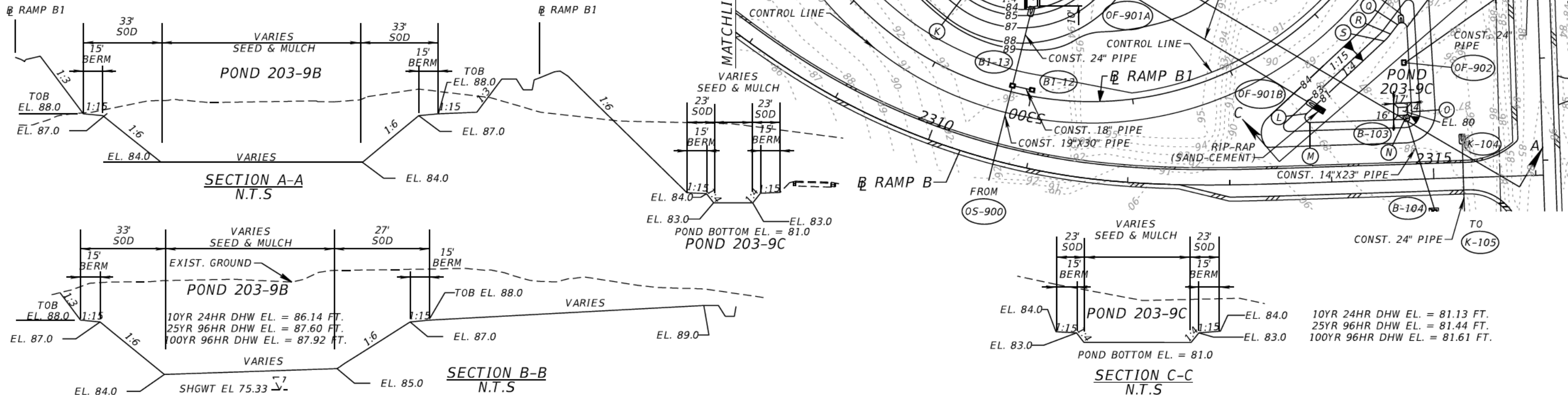
- SOD USED IN POND AND FLOODPLAIN LOCATIONS SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.
- CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.
- SEE OUTFALL STRUCTURE DETAIL SHEET FOR OUTFALL STRUCTURES OF-901B, OF-902 AND OF-901A

OF-903

STA. 90+00 (20.00 LT)
B KELLY PARK RD.
CONST. MH TYPE 8
INDEX NO. 200, 201
TOP EL. 84.90
FL EL. 68.00 (LT)
FL EL. 73.40 (RT)

LEGEND:

SOIL BORING LOCATIONS



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

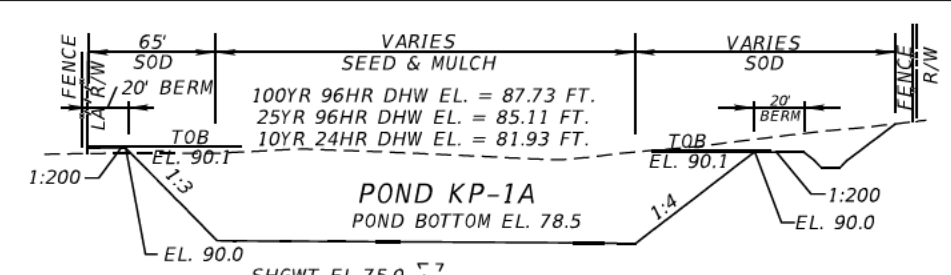
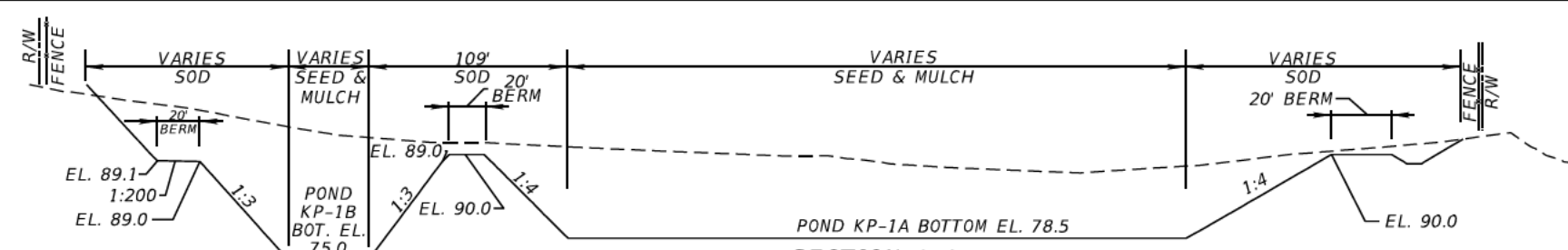
The Balmoral Group
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**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**
ROAD NO. SR 429
PROJECT NO. 429-203



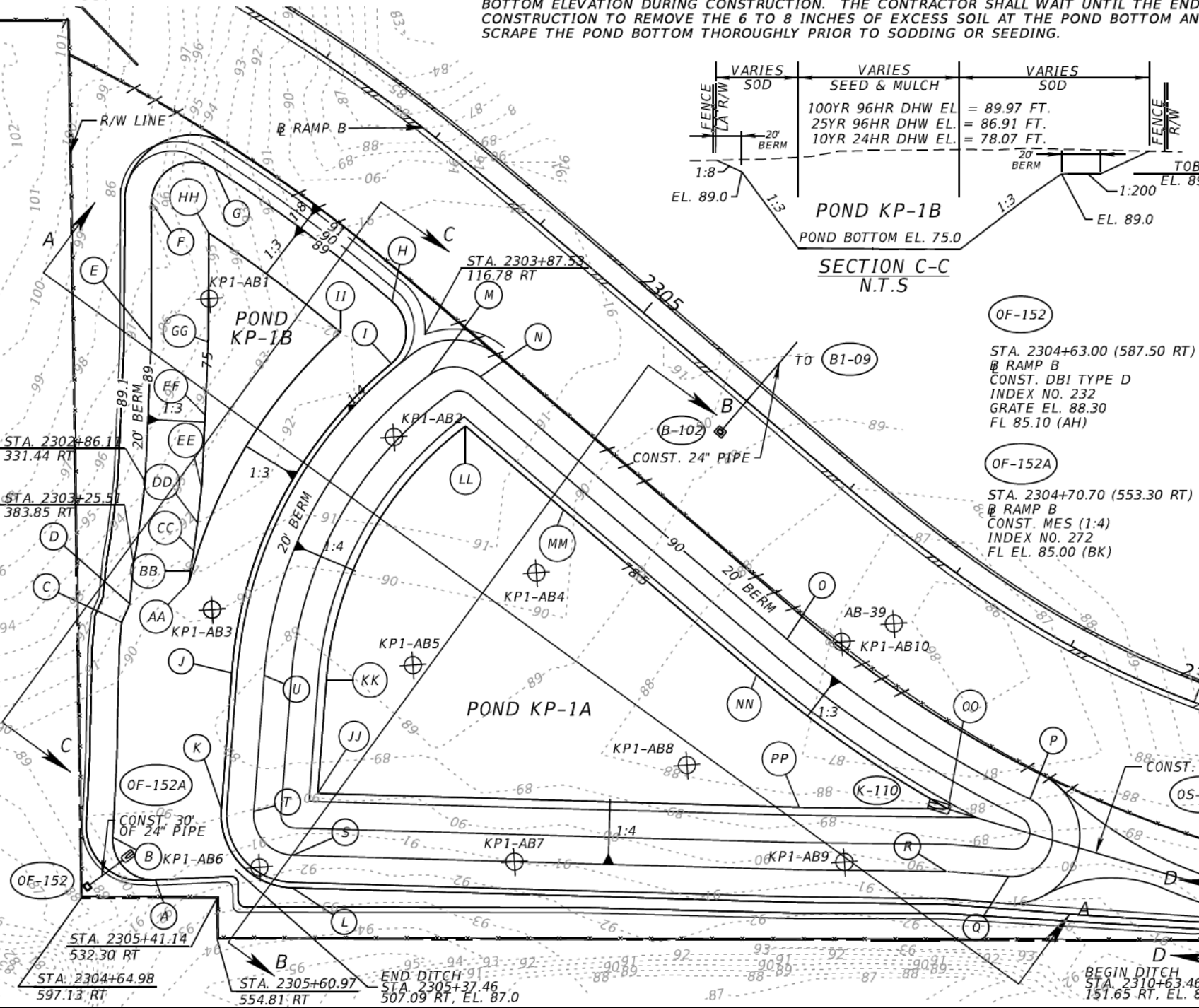
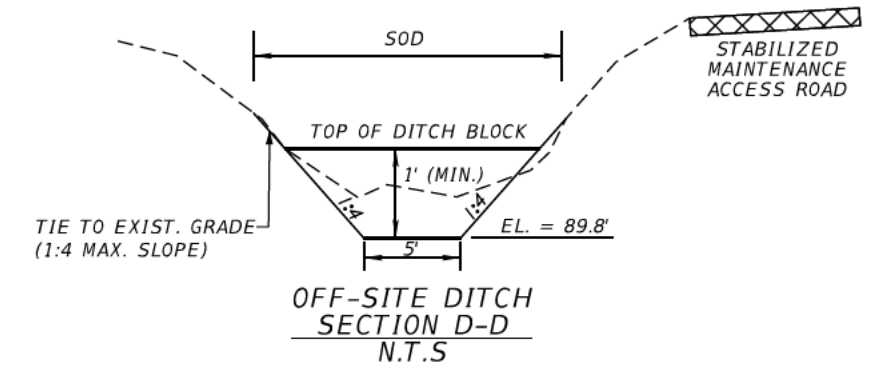
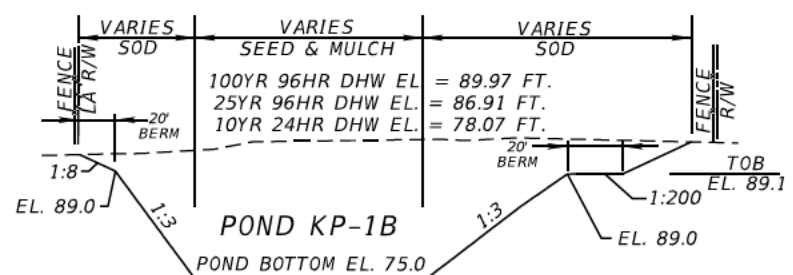
**POND DETAILS:
POND 203-9B & 203-9C**

SHEET NO. 305



LEGEND:
 SOIL BORING LOCATIONS

- NOTES:
1. SOD USED IN POND AND FLOODPLAIN LOCATIONS SHALL BE SAND-GROWN RATHER THAN MUCK-GROWN SOD.
 2. CONTRACTOR SHALL LEAVE THE POND BOTTOM AREA 6 TO 8 INCHES HIGHER THAN THE FINAL POND BOTTOM ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL WAIT UNTIL THE END OF CONSTRUCTION TO REMOVE THE 6 TO 8 INCHES OF EXCESS SOIL AT THE POND BOTTOM AND THEN SCRAPE THE POND BOTTOM THOROUGHLY PRIOR TO SODDING OR SEEDING.



POND KP-1A CONTROL POINTS (B RAMP B)

Sta. (OFF)	LENGTH	RADIUS
A, 2304+97.94 (551.13')	N/A	M-N 30.00'
B, 2304+53.65 (547.58')	N/A	M-O 297.53'
C, 2303+50.52 (422.75')	N/A	O-P 859.24'
D, 2303+45.56 (408.52')	N/A	P-Q 30.00'
E, 2302+11.68 (244.67')	N/A	Q-R 46.29'
F, 2301+46.27 (159.59')	N/A	R-S 481.23'
G, 2301+75.04 (113.66')	N/A	S-T 30.00'
H, 2303+52.29 (113.76')	N/A	T-U 100.41'
I, 2303+82.50 (149.04')	N/A	U-V 305.00'
J, 2304+41.64 (398.73')	JJ-KK 83.64'	KK-LL 259.00'
K, 2305+00.58 (479.81')	LL-MM 95.10'	MM-NN 187.05'
AA, 2303+72.40 (368.57')	MM-NN 187.05'	NN-OO 893.74'
BB, 2303+67.01 (361.45')	OO-PP 109.67'	PP-QQ 354.53'
CC, 2303+58.64 (348.50')	PP-QQ 354.53'	
DD, 2303+46.03 (330.75')		
EE, 2303+29.54 (308.66')		
FF, 2302+92.08 (265.53')		
GG, 2302+54.47 (221.37')		
HH, 2302+00.28 (155.60')		
II, 2303+36.72 (155.56')		

POND KP-1B CONTROL POINTS (B RAMP B)

Sta. (OFF)	LENGTH	RADIUS
A, 2304+97.94 (551.13')	N/A	A-B 30.00'
B, 2304+53.65 (547.58')	B-C 158.50'	N/A
C, 2303+50.52 (422.75')	C-D 14.84'	N/A
D, 2303+45.56 (408.52')	D-E 194.91'	N/A
E, 2302+11.68 (244.67')	E-F 101.29'	N/A
F, 2301+46.27 (159.59')	N/A	F-G 30.00'
G, 2301+75.04 (113.66')	N/A	G-H 1159.24'
H, 2303+52.29 (113.76')	N/A	H-I 30.00'
I, 2303+82.50 (149.04')	N/A	I-J 329.00'
J, 2304+41.64 (398.73')	N/A	J-K 100.41'
K, 2305+00.58 (479.81')	N/A	K-L 54.00'
AA, 2303+72.40 (368.57')	AA-BB 8.28'	N/A
BB, 2303+67.01 (361.45')	BB-CC 15.31'	N/A
CC, 2303+58.64 (348.50')	CC-DD 21.55'	N/A
DD, 2303+46.03 (330.75')	DD-EE 28.01'	N/A
EE, 2303+29.54 (308.66')	EE-FF 55.01'	N/A
FF, 2302+92.08 (265.53')	FF-GG 55.04'	N/A
GG, 2302+54.47 (221.37')	GG-HH 79.13'	N/A
HH, 2302+00.28 (155.60')	N/A	HH-II 1117.24'
II, 2303+36.72 (155.56')	N/A	II-AA 371.00'

REVISIONS	
DATE	DESCRIPTION

CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY / BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

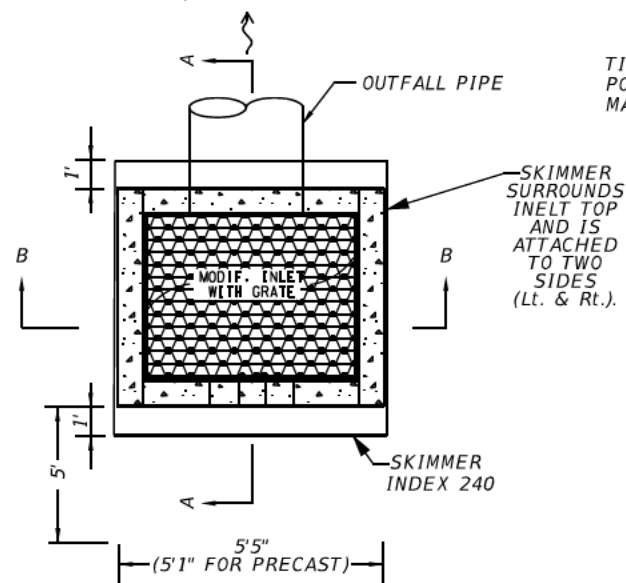
CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



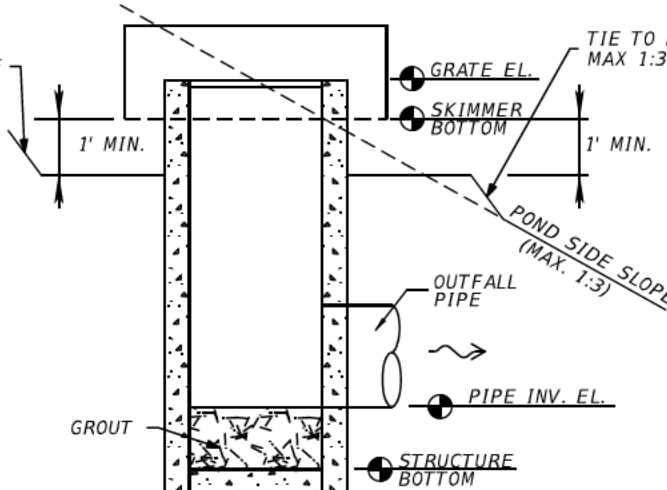
POND DETAILS
 POND KP-1A & KP-1B

SHEET NO. 306

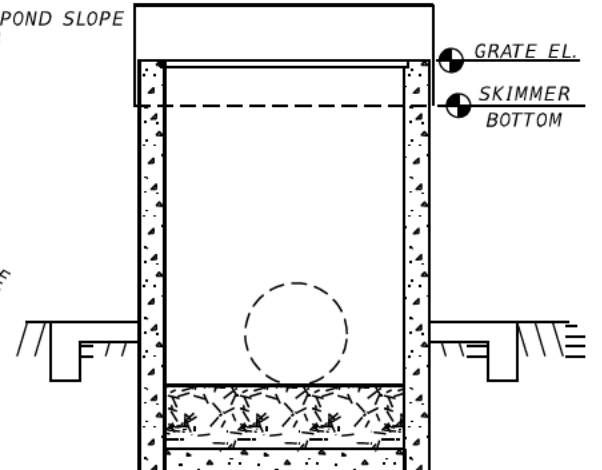
(EMBANKMENT SIDE)



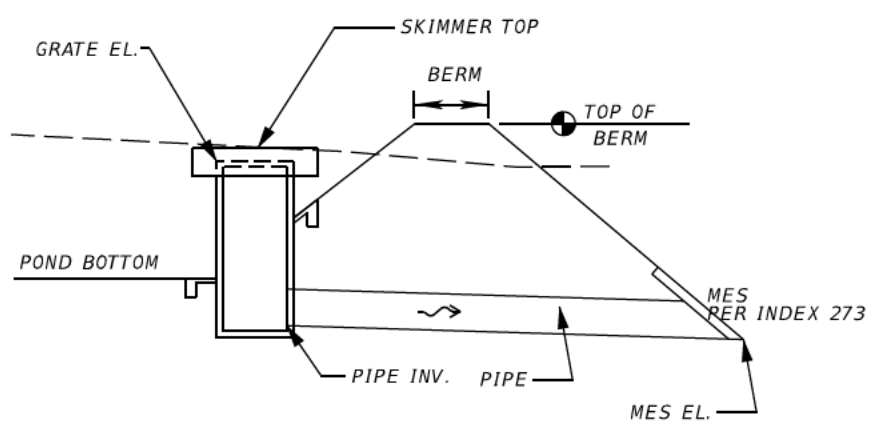
TIE TO POND SLOPE MAX 1:3



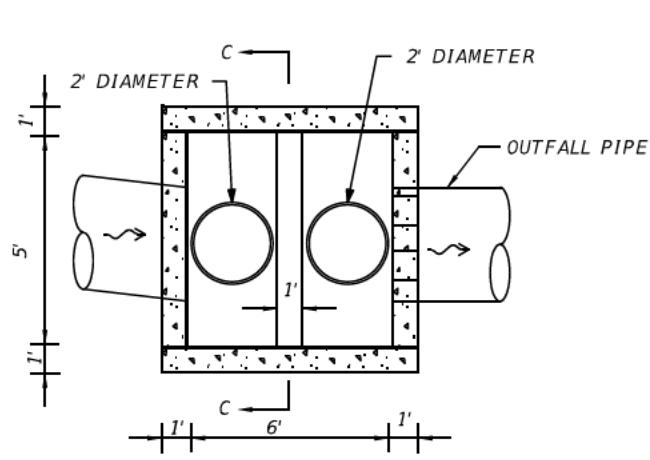
SECTION A-A
NTS



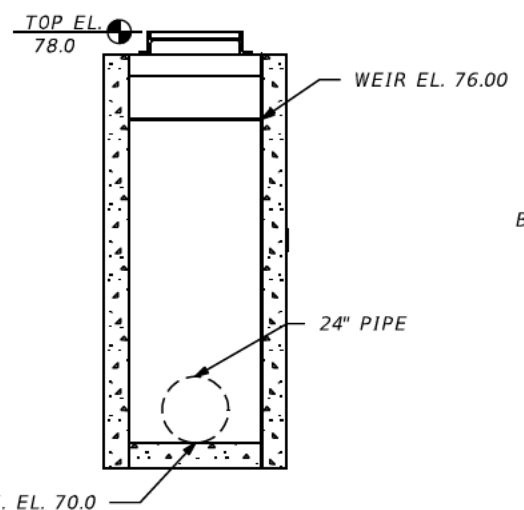
SECTION B-B
NTS



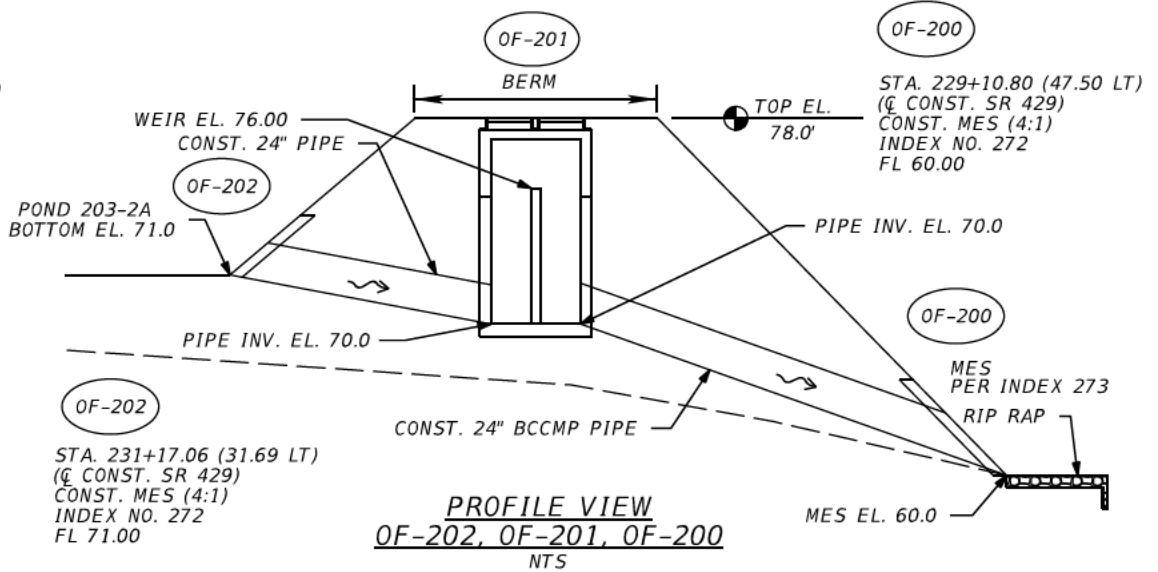
(POND SIDE) TOP VIEW NTS



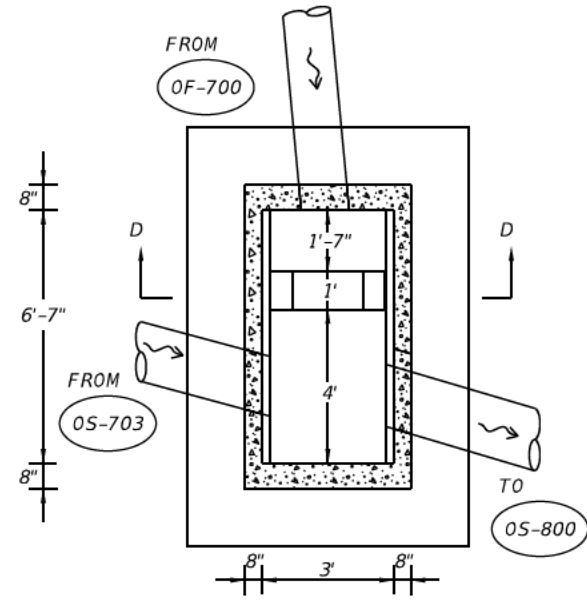
TOP VIEW OF-201
NTS



SECTION C-C
NTS



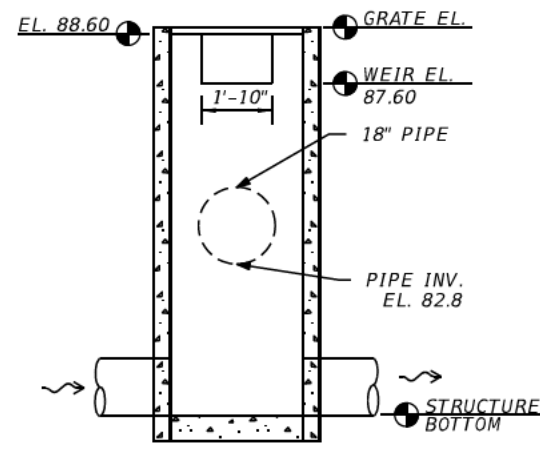
PROFILE VIEW
OF-202, OF-201, OF-200
NTS



TOP VIEW OF-701
NTS

CONTROL STRUCTURE DETAILS

POND	STRUCTURE NUMBER	STATION	OFFSET	FDOT TYPE	GRATE/TOP ELEVATION (Ft.)	SKIMMER BOTTOM/TOP (Ft.)	STRUCTURE BOTTOM (Ft.)	STRUCTURE HEIGHT (Ft.)	PIPE SIZE (In.)	PIPE INV. EL. (Ft.)	TOB EL. (Ft.)	TO STRUCTURE NUMBER	MES (4:1) EL. (Ft.)	LOCATION STA. (OFFSET)	REMARKS
203-1	OF-100	230+90.00	489.50' LT.	D-MOD	68.95	68.45/69.45	59.1	9.85	24	60.1	70.0	OF-101	60.0	231+70.60 (-457.10')	CONST. SR429
203-2A	OF-201	229+78.20	31.65' LT.	MH J-7 SPECIAL	78.00	N/A	70.0	8.00	24	70.0	78.0	OF-200	60.0	N/A	SEE DETAILS BELOW
203-2B	OF-203	239+98.40	233.40' LT.	D-MOD	78.80	78.0/79.30	64.0	14.80	24	65.0	80.0	OF-204	60.0	238+83.40 (-254.50')	CONST. SR429 UNDDR, FL. EL. 66.0
FC-2	FP-201	241+65.00	138.5' RT.	D-MOD	82.76	82.26/83.26	78.5	4.26	24	79.5	83.0	FP-200	79.0	241+07.00 (138.50')	CONST. SR429
203-3A	OF-301	247+71.00	395.10' RT.	D-MOD	83.95	83.45/84.45	73.0	10.95	24	74.0	84.0	OF-300	67.0	246+85.00 (370.85')	CONST. SR429
203-3B	OF-302	251+00.00	211.00 RT.	D-MOD	86.95	86.45/87.45	81.0	5.95	24	82.0	87.0	OS-302	N/A	351+00.00 (102.50')	CONST. SR429
203-3C	OF-304	256+08.00	414.00' RT.	D-MOD	89.90	89.40/90.40	83.1	6.80	19x30	84.1	90.0	OF-303	84.0	255+50.75 (370.35')	CONST. SR429
203-4	OF-401	261+40.00	171.12' LT.	D-MOD	94.98	94.48/95.48	88.7	6.28	19x30	89.7	95.0	OF-400	89.6	260+99.00 (-132.70')	CONST. SR429
203-5A	OF-500	1307+65.00	RAMP A	D-MOD	98.70	98.20/99.20	91.0	7.70	24	92.0	99.0	OF-501	85.0	1309+22.00 (133.60')	RAMP A
203-7	OF-701	4236+00.00	RAMP D	H-MOD	88.60	N/A	77.9	10.70	18	77.9	89.0	OS-800	N/A	328+00.00 (-197.00')	CONST. SR429
203-9A	OF-900	5305+00.00	RAMP B1	D-MOD	99.90	99.40/100.40	87.0	12.90	24	88.0	100.0	OF-901	83.5	5305+00.00 (109.40')	RAMP B1
203-9B	OF-901A	5299+23.20	RAMP B1	D-MOD	87.50	87.00/88.00	82.0	5.50	24	83.0	88.0	OF-901B	80.0	5297+52.50 (-65.10')	RAMP B1
203-9C	OF-902	91+00.00	KELLY PARK RD	D	81.00	N/A	73.0	8.00	24	74.0	84.0	OF-904	58.0	88+93.00 (-166.30')	KELLY PARK RD
PL SWALE	OF-PL1	22+00.00	PHILS LN.	D-MOD	64.00	63.50/64.50	60.5	3.50	24	60.5	66.0	FP-100	N/A	22+00.00 (-56.00')	PHILS LN.



SECTION D-D
NTS

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

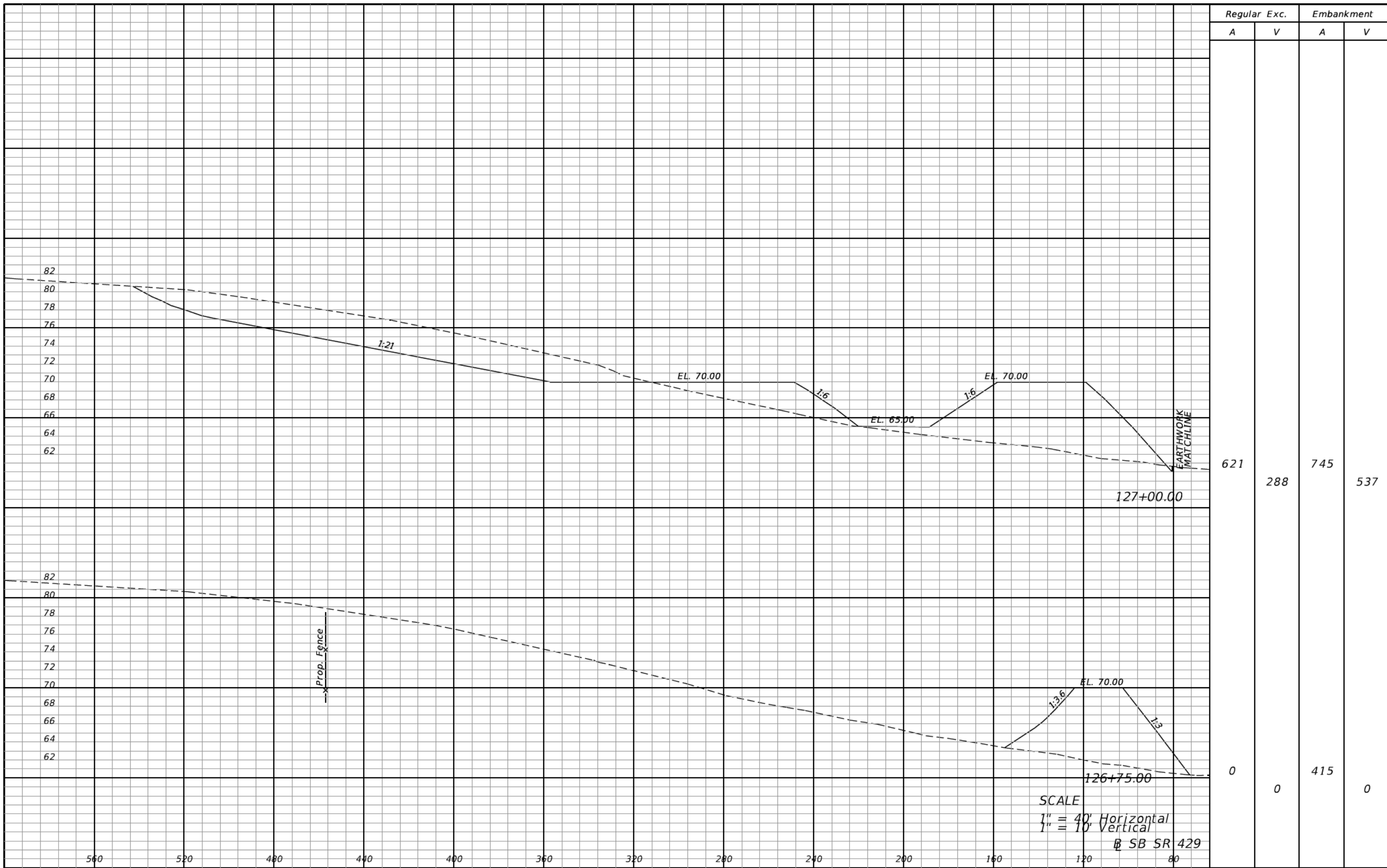
The Balmoral Group
165 Lincoln Avenue
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www.balmoralgroup.us
Certificate of Authorization No. 26123
E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



OUTFALL STRUCTURE DETAIL

SHEET NO. 308



Regular Exc.		Embankment	
A	V	A	V
621	288	745	537
0	0	415	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

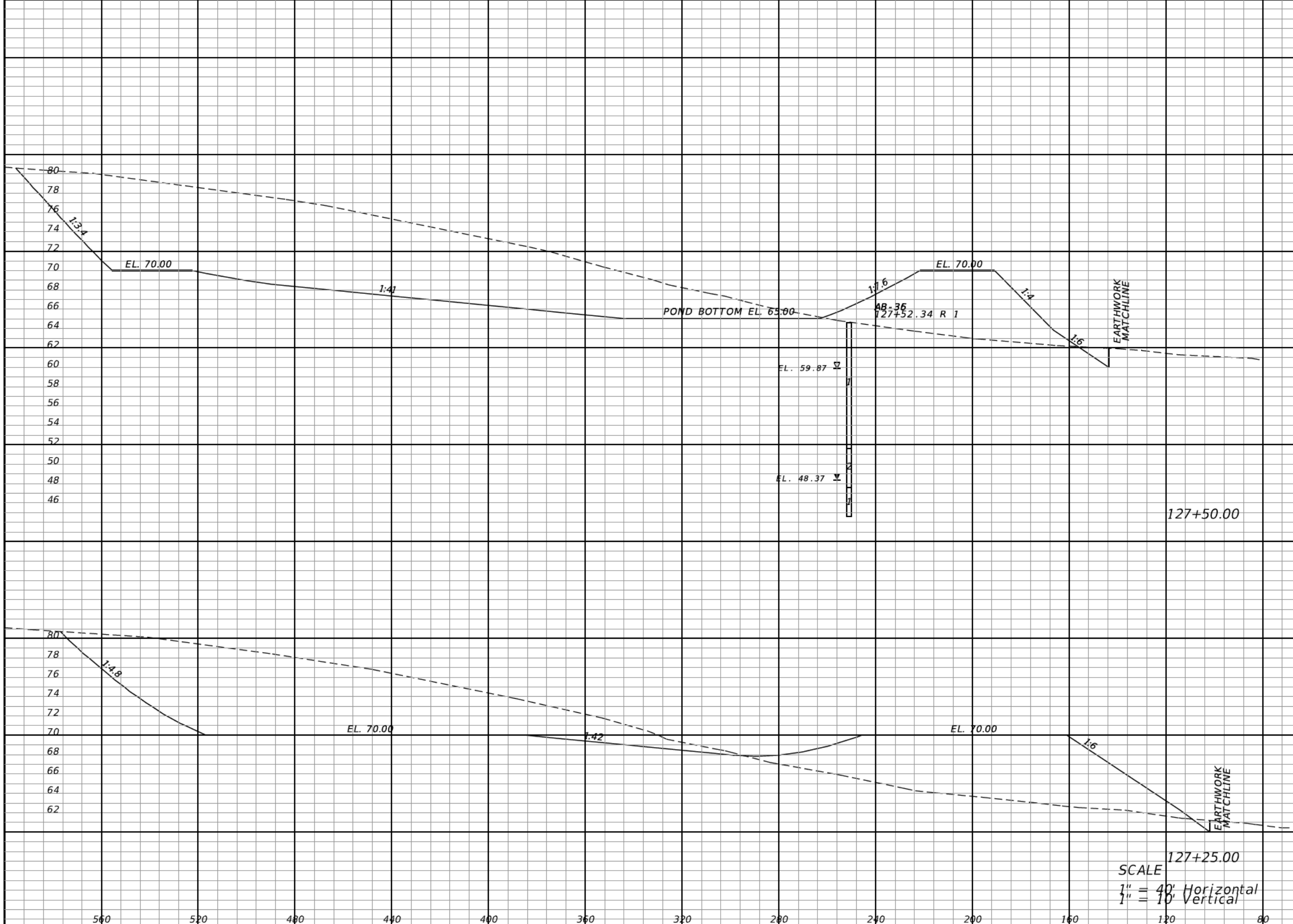
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-1 & FLOODPLAIN COMP. 1

SHEET NO.
309



Regular		Exc.		Embankment	
A	V	A	V	A	V
2054	1592	447	579		
1385	929	804	717		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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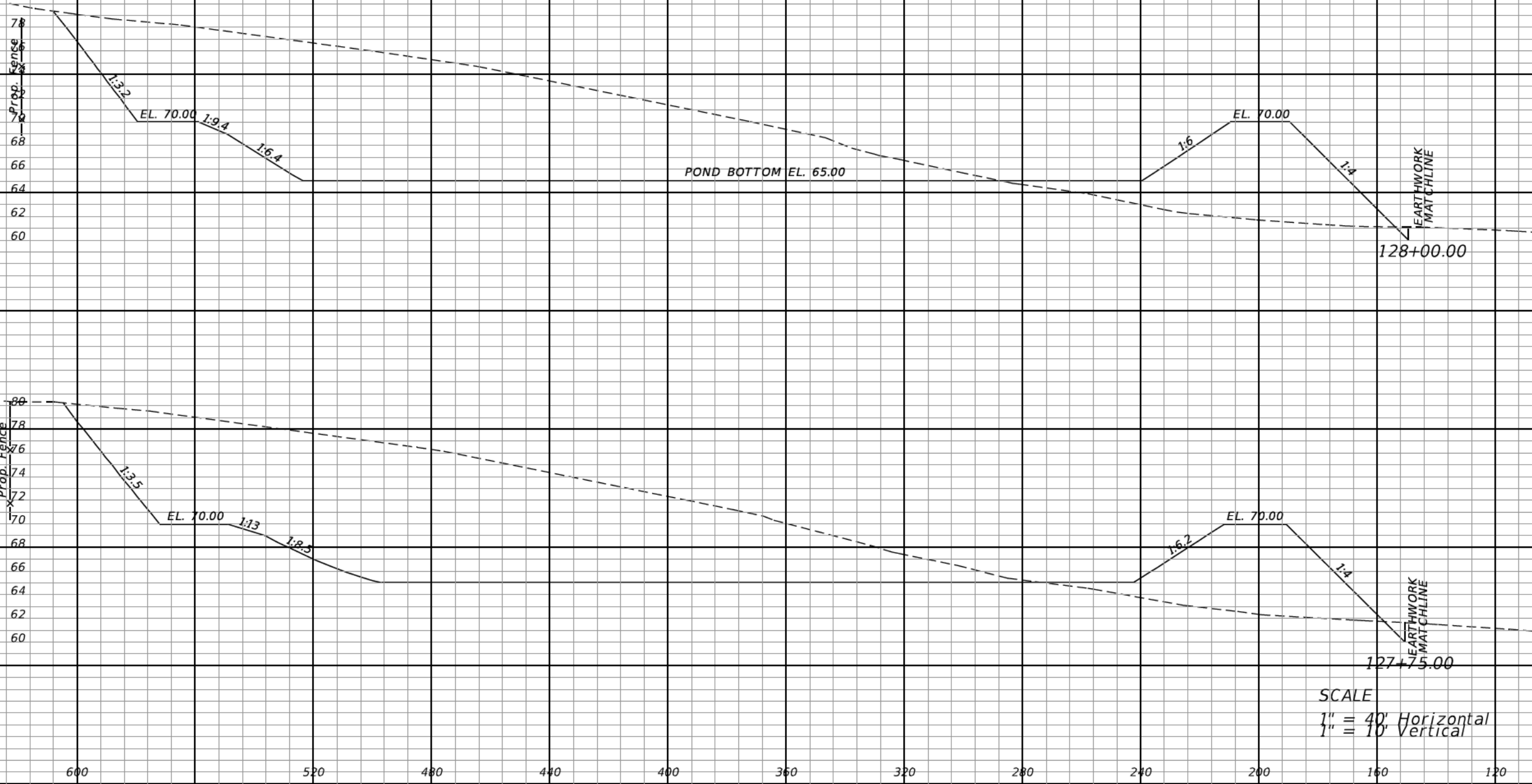
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-1 & FLOODPLAIN COMP. 1

SHEET NO. 310

Regular Exc.		Embankment	
A	V	A	V



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

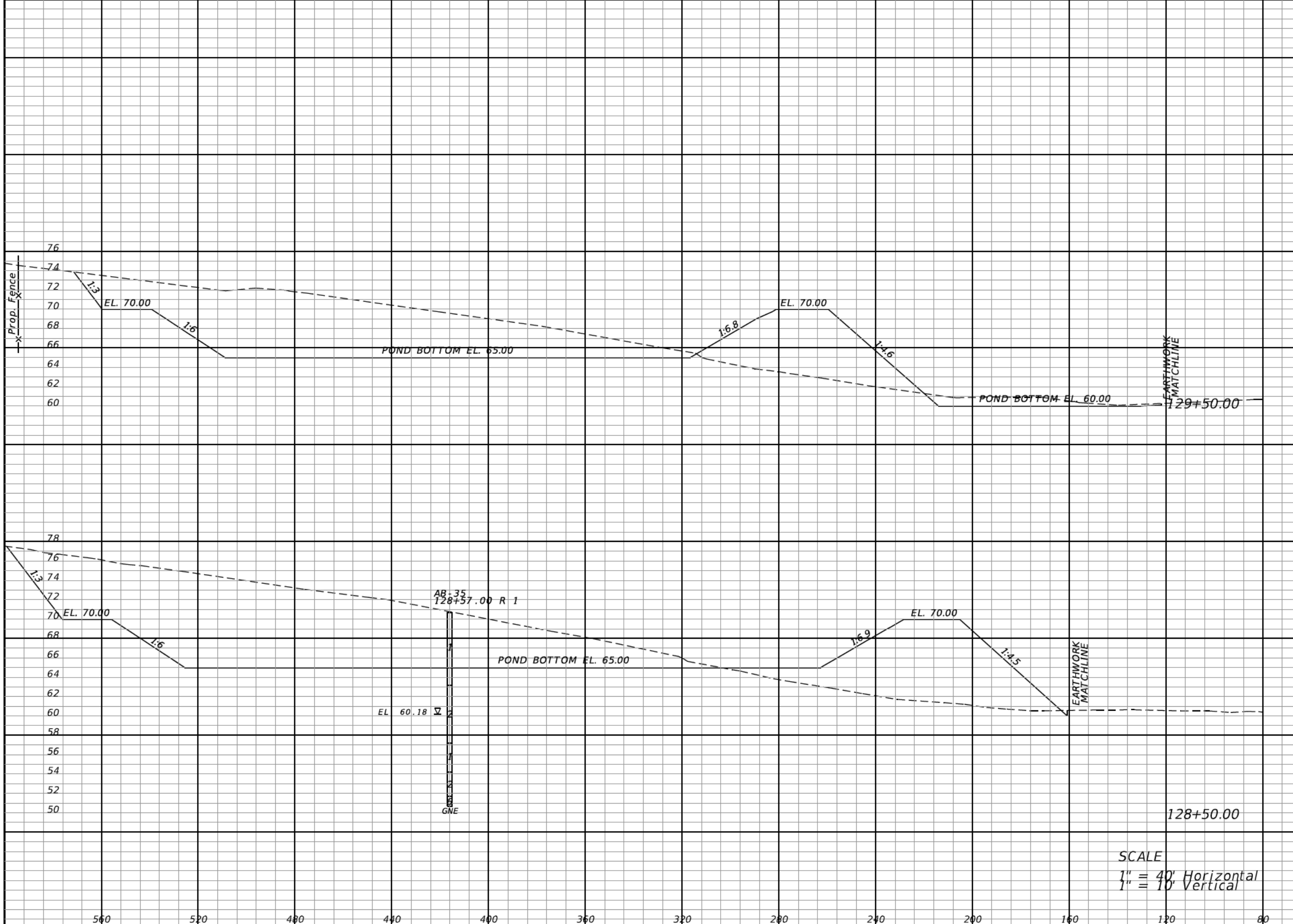
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-1 & FLOODPLAIN COMP. 1

SHEET NO.
311



Regular Exc.		Embankment	
A	V	A	V
1123	5135	406	1876
1650	3526	607	1043

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

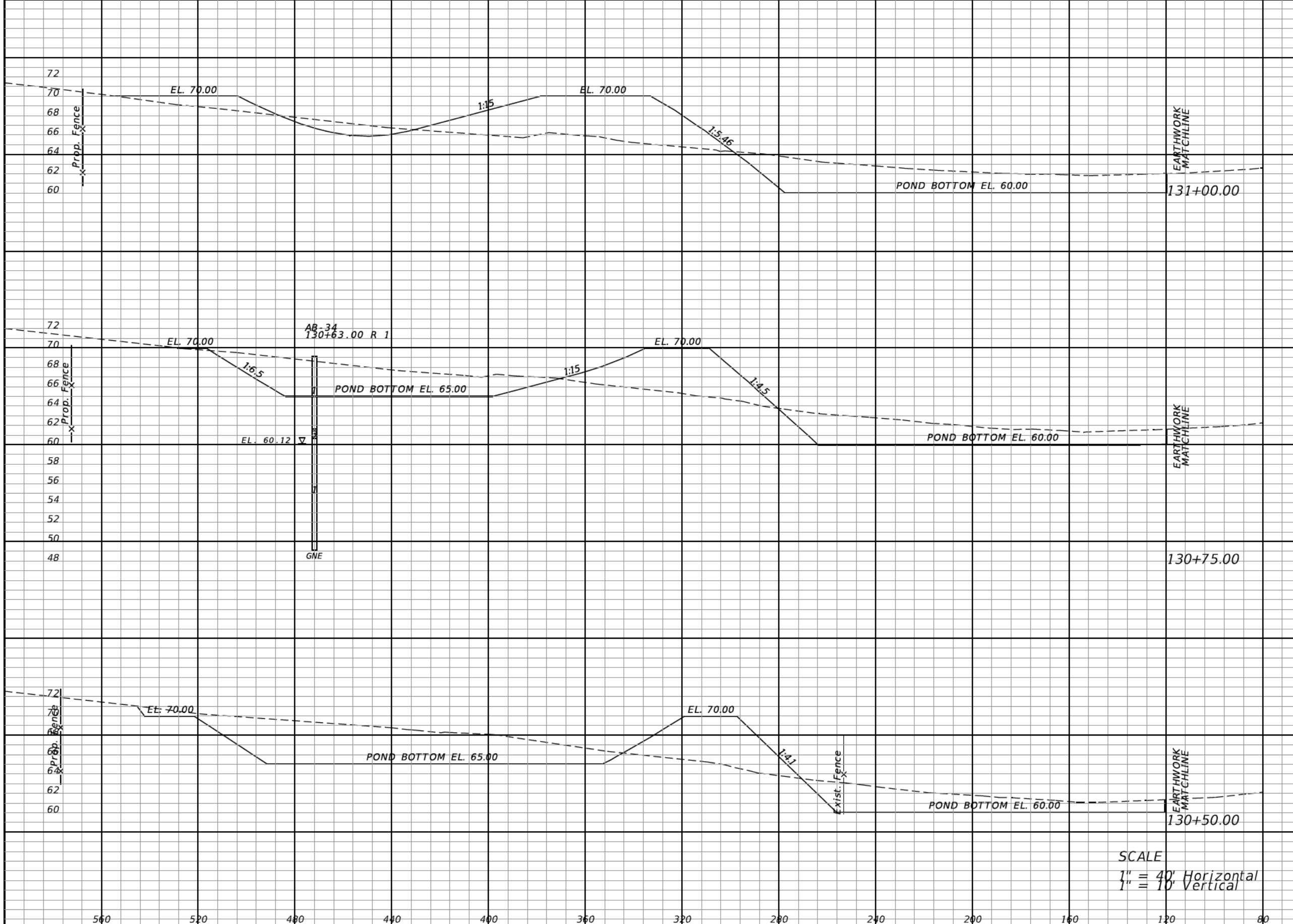
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-1 & FLOODPLAIN COMP. 1

SHEET NO. 312



Regular		Exc.		Embankment	
A	V	A	V	A	V
456			514	451	332
653			681	266	232
817			3592	235	1186

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

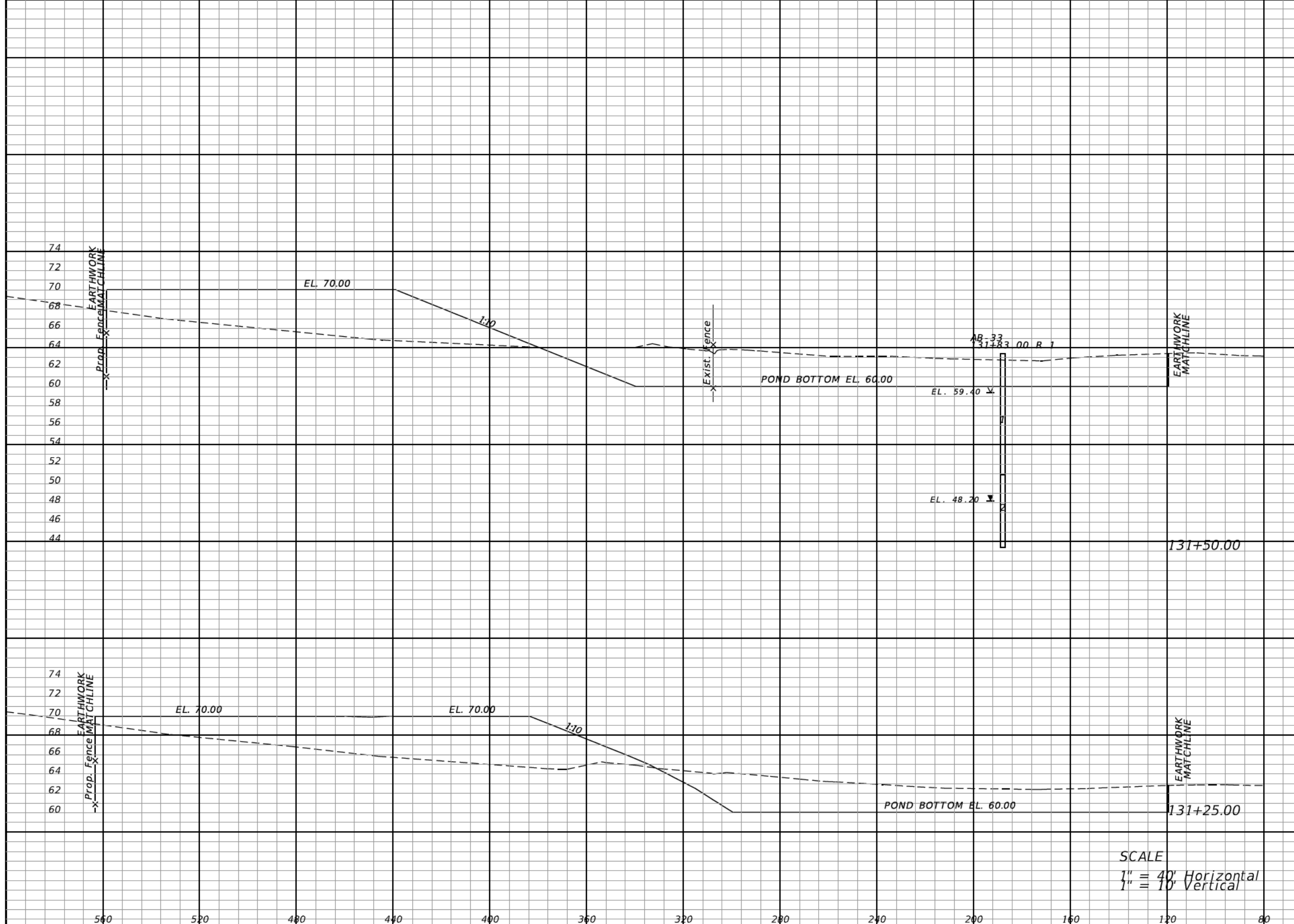


POND CROSS SECTIONS
POND 203-1 & FLOODPLAIN COMP. 1

SHEET NO.
313

Regular Exc. Embankment

A V A V



802 637 615 622

575 477 729 546

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

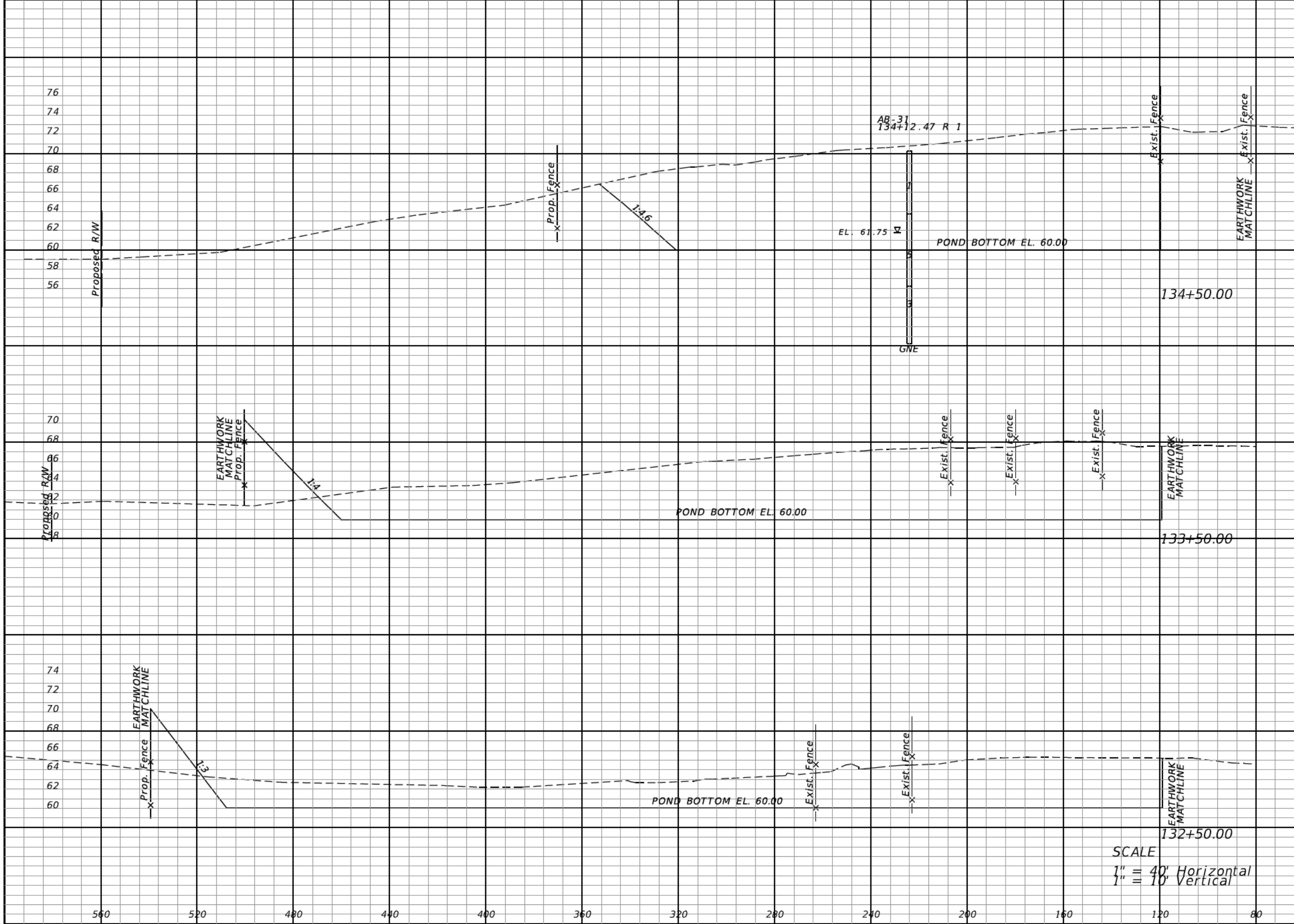
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. PROJECT NO.
 SR 429 429-203



POND CROSS SECTIONS
POND 203-1 & FLOODPLAIN COMP. 1

SHEET NO.
 314



Regular		Exc.		Embankment	
A	V	A	V	A	V
2315	8031	0	255		
2021	6296	138	382		
1379	4038	69	1267		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

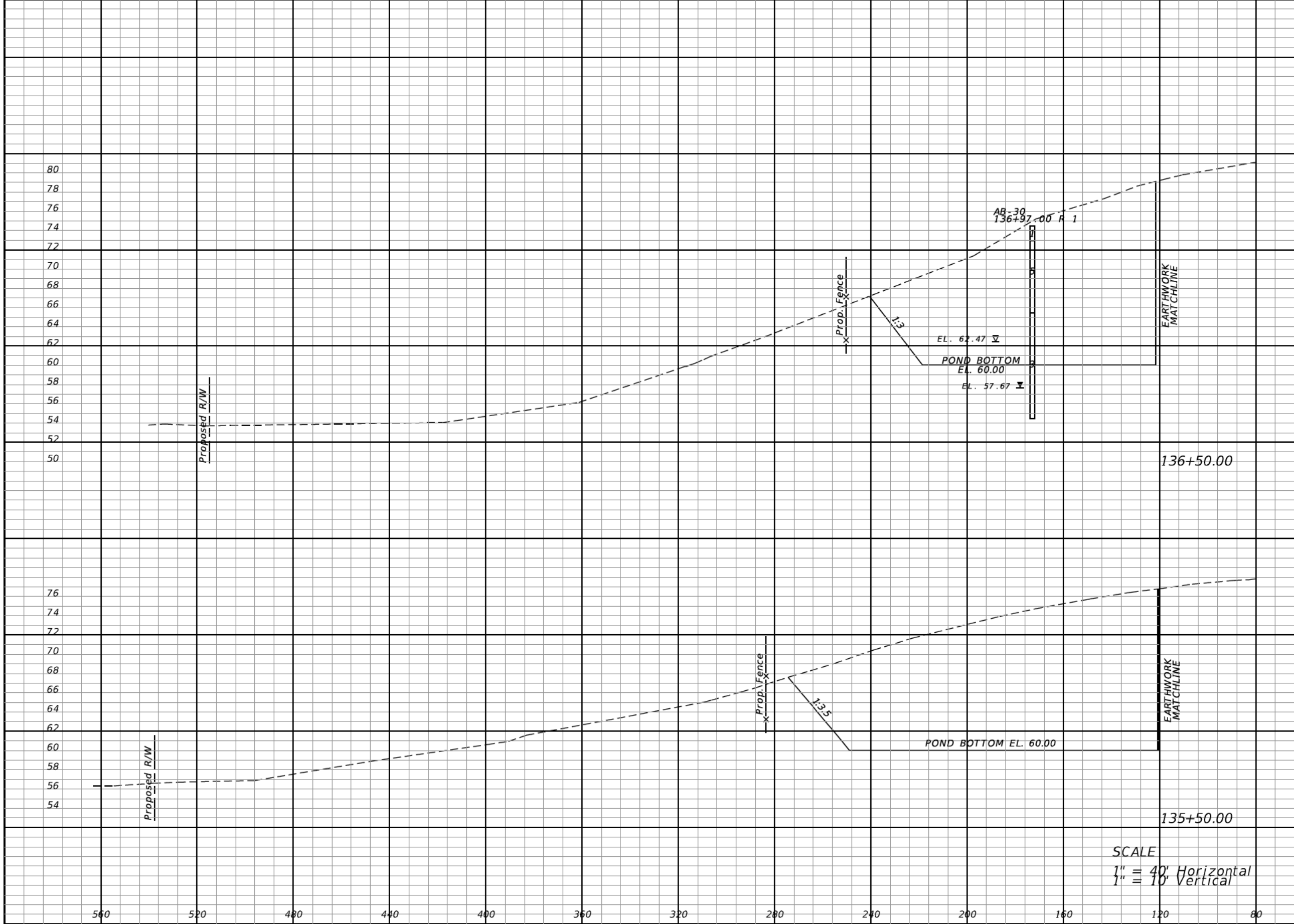
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 E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



**POND CROSS SECTIONS
 FLOODPLAIN COMPENSATION 1**

SHEET NO. 315



Regular Exc.		Embankment	
A	V	A	V
1521	6303	0	0
1883	7774	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

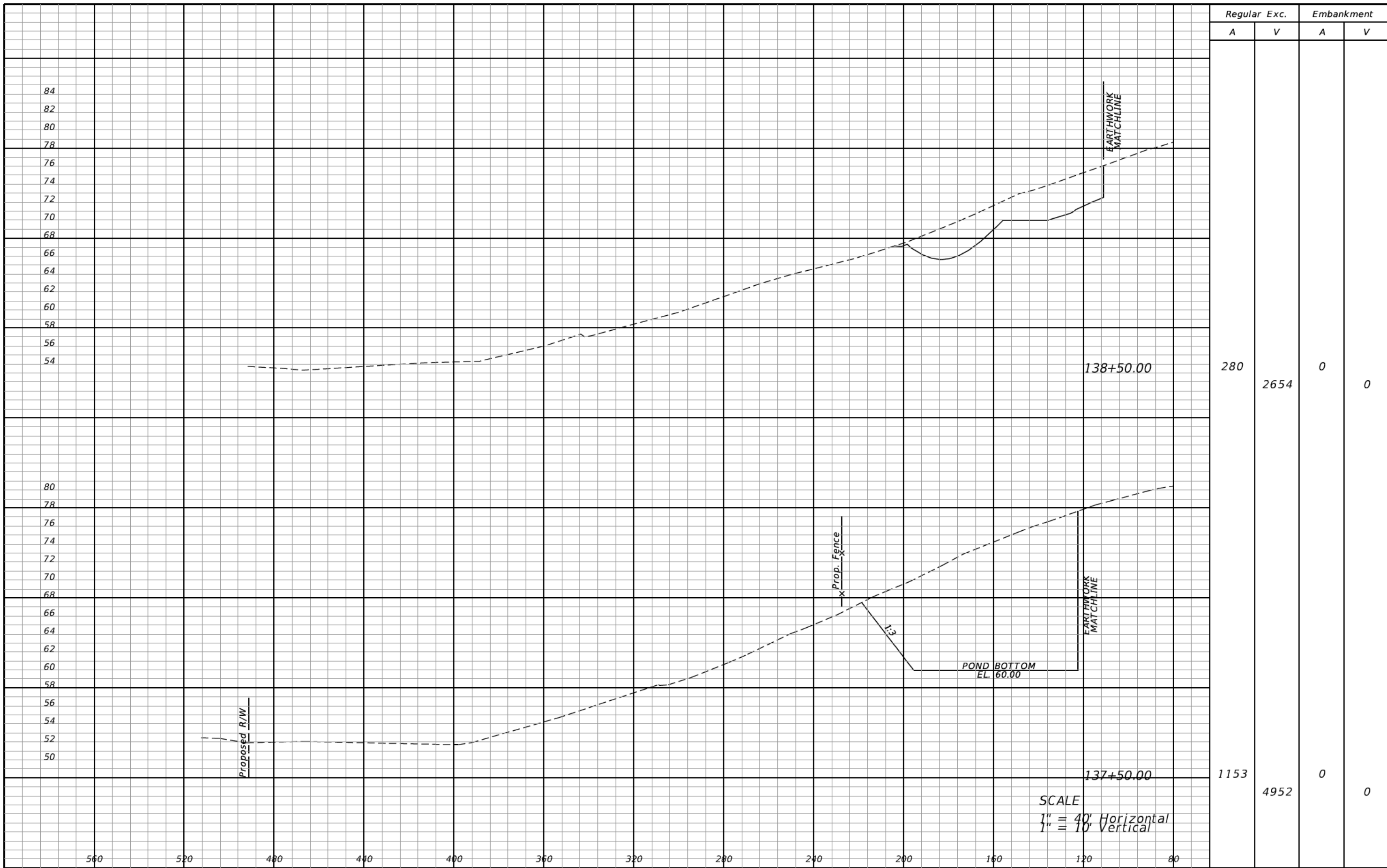
The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 www.balmoralgroup.us
 Certificate of Authorization No. 26123
 E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
 FLOODPLAIN COMPENSATION 1**

SHEET NO.
316



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

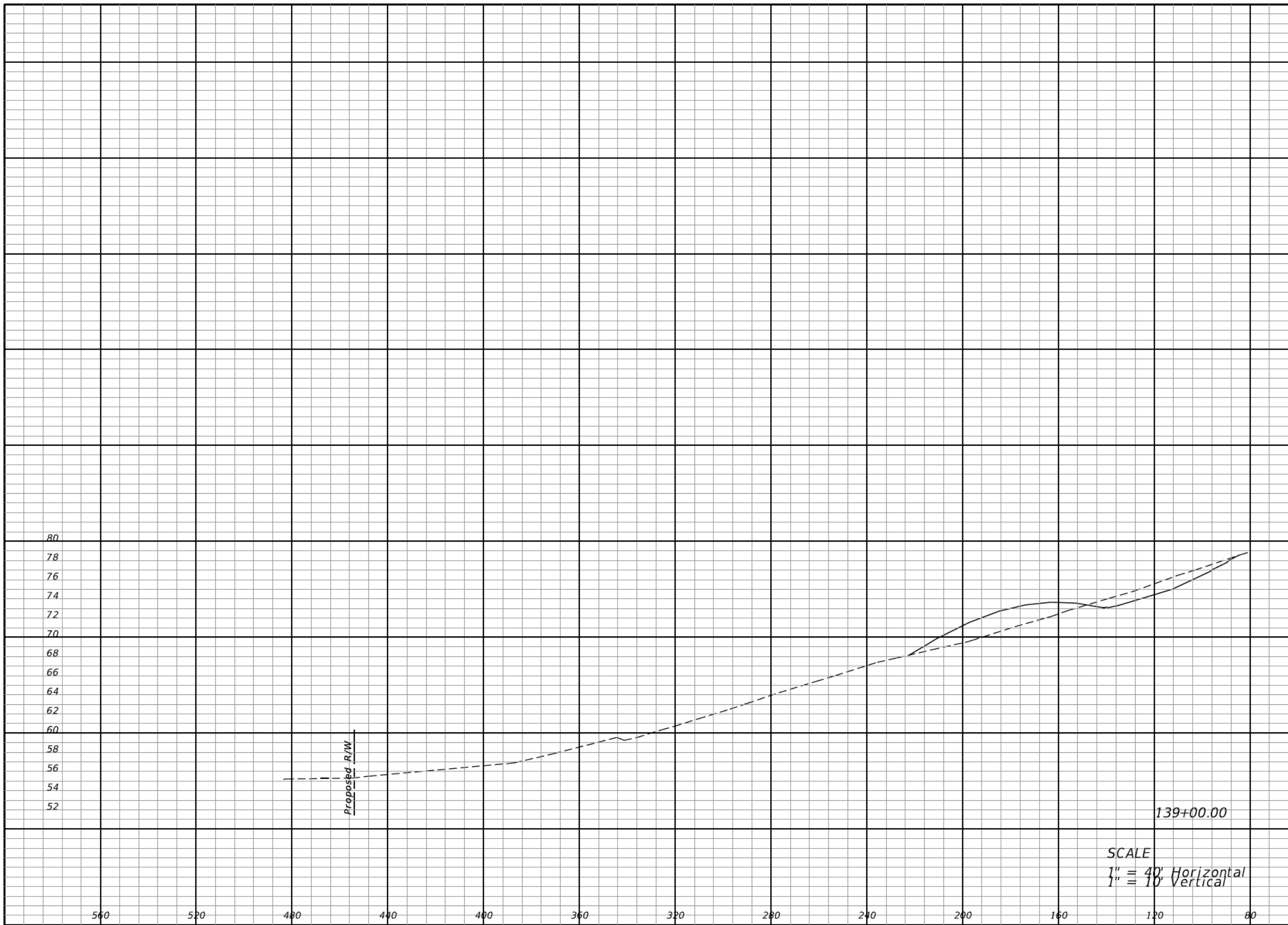
The Balmoral Group
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
 FLOODPLAIN COMPENSATION 1**

SHEET NO.
317



Regular Exc.		Embankment	
A	V	A	V
52	308	105	97

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

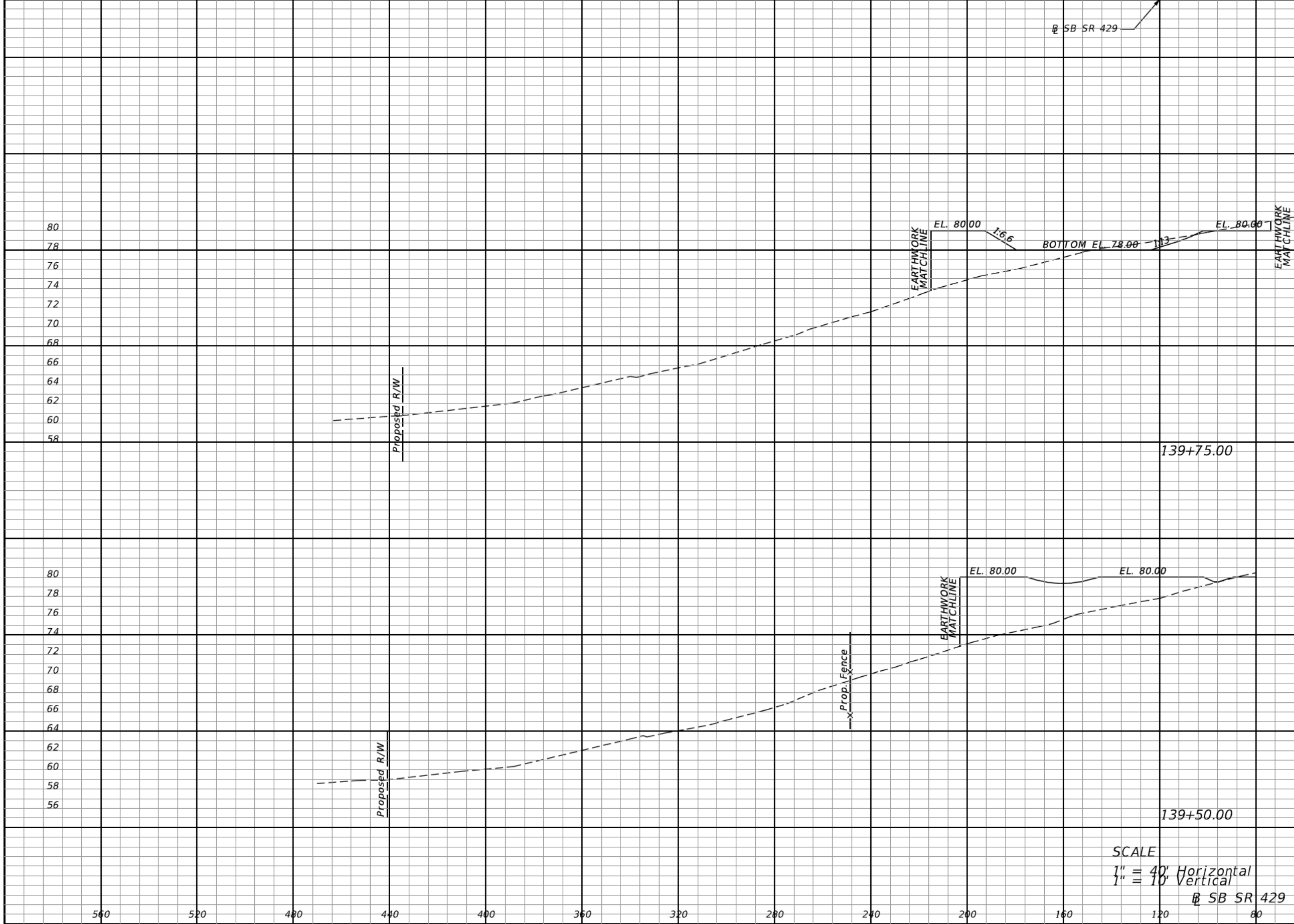
The Balmoral Group
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 www.balmoralgroup.us
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 E.O.R.: Gregory S. Seidel, P.E. No. 47571

ORLANDO FLORIDA COUNTY EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
 FLOODPLAIN COMPENSATION 1**

SHEET NO.
318



Regular		Exc.		Embankment	
A	V	A	V	A	V
29	15	198	274	4	52
		393	460		

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 SB SR 429

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

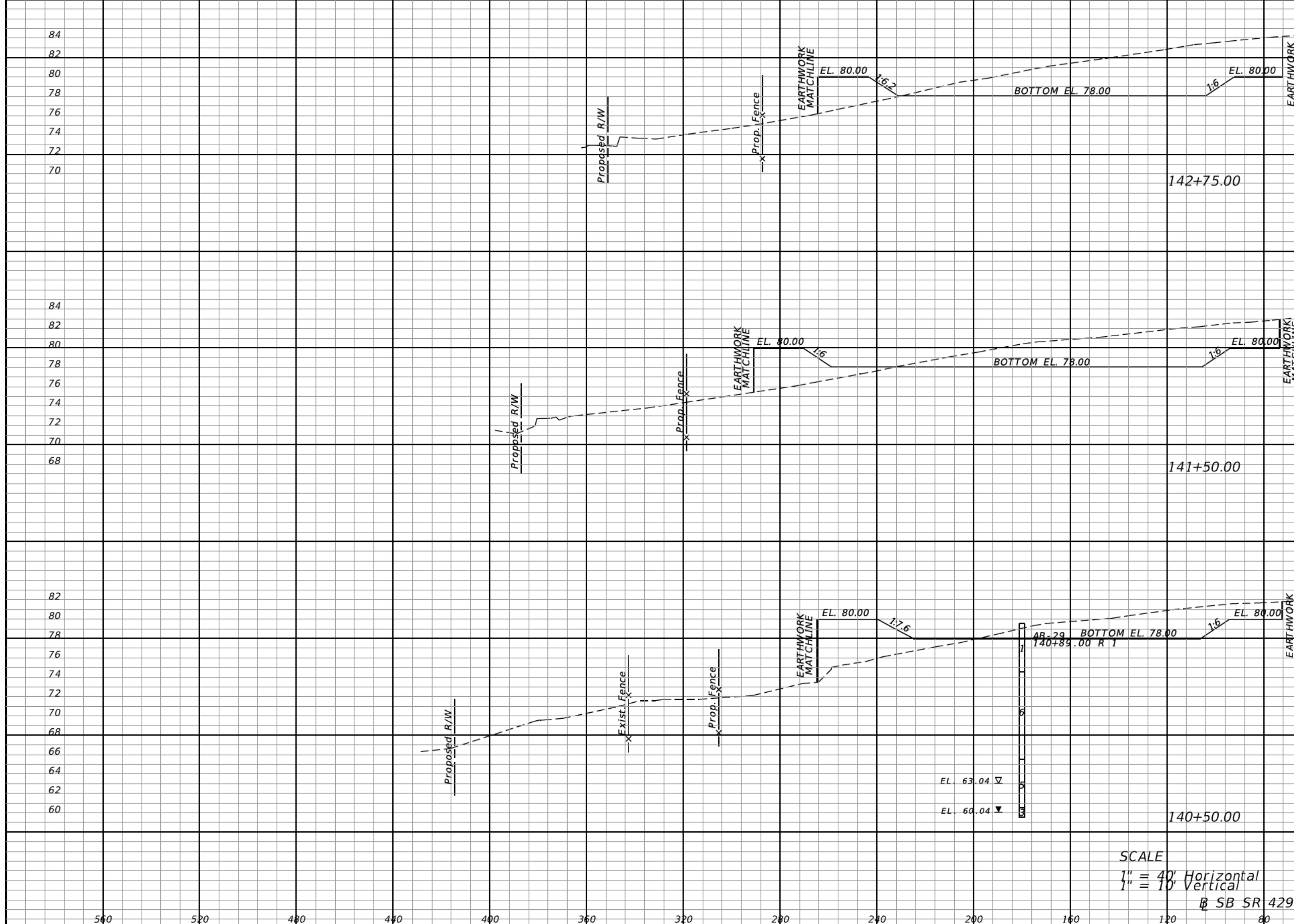
The Balmoral Group
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-2B

SHEET NO.
319



Regular Exc.		Embankment	
A	V	A	V
506	2117	85	500
406	1190	131	573
237	369	178	573

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 SB SR 429

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

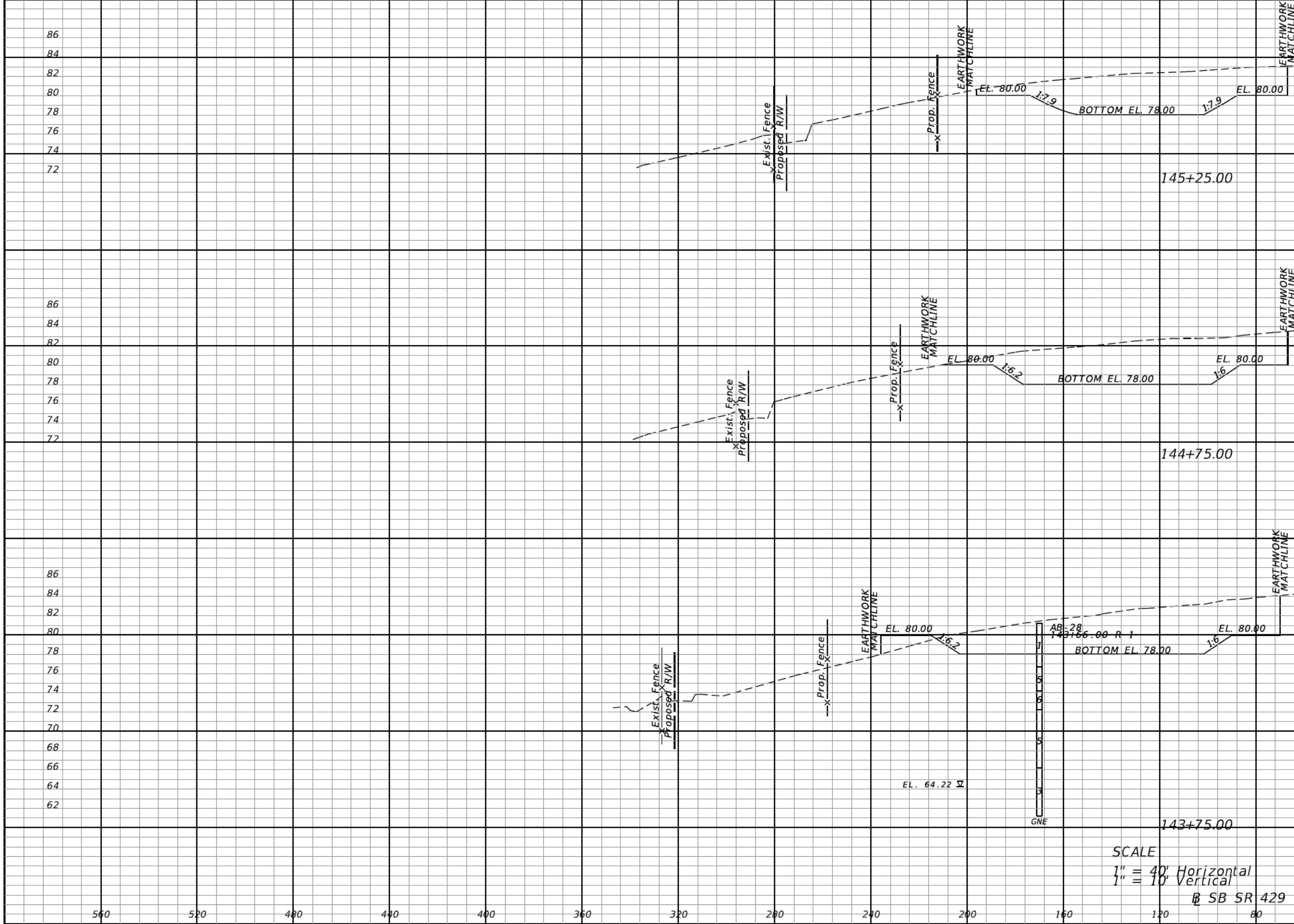
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-2B

SHEET NO.
 320



	Regular		Exc.		Embankment	
	A	V	A	V	A	V
145+25.00	413	829	0	0	0	0
144+75.00	483	1884	0	50	0	50
143+75.00	534	1931	27	207	27	207

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 SB SR 429

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-2B

SHEET NO.
 321

Regular Exc.		Embankment	
A	V	A	V

SUMMARY OF EARTHWORK		
POND 203-1, FLOODPLAIN COMPENSATION 1 & POND 203-2B		
DESCRIPTION	CY	
	P	F
EXCAVATION	70,557	
EMBANKMENT	13,108	

88
86
84
82
80
78
76
74



0	85	0	0
---	----	---	---

88
86
84
82
80
78
76
74
72



184	276	0	0
-----	-----	---	---

SCALE
1" = 40' Horizontal
1" = 10' Vertical
SB SR 429

560 520 480 440 400 360 320 280 240 200 160 120 80

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

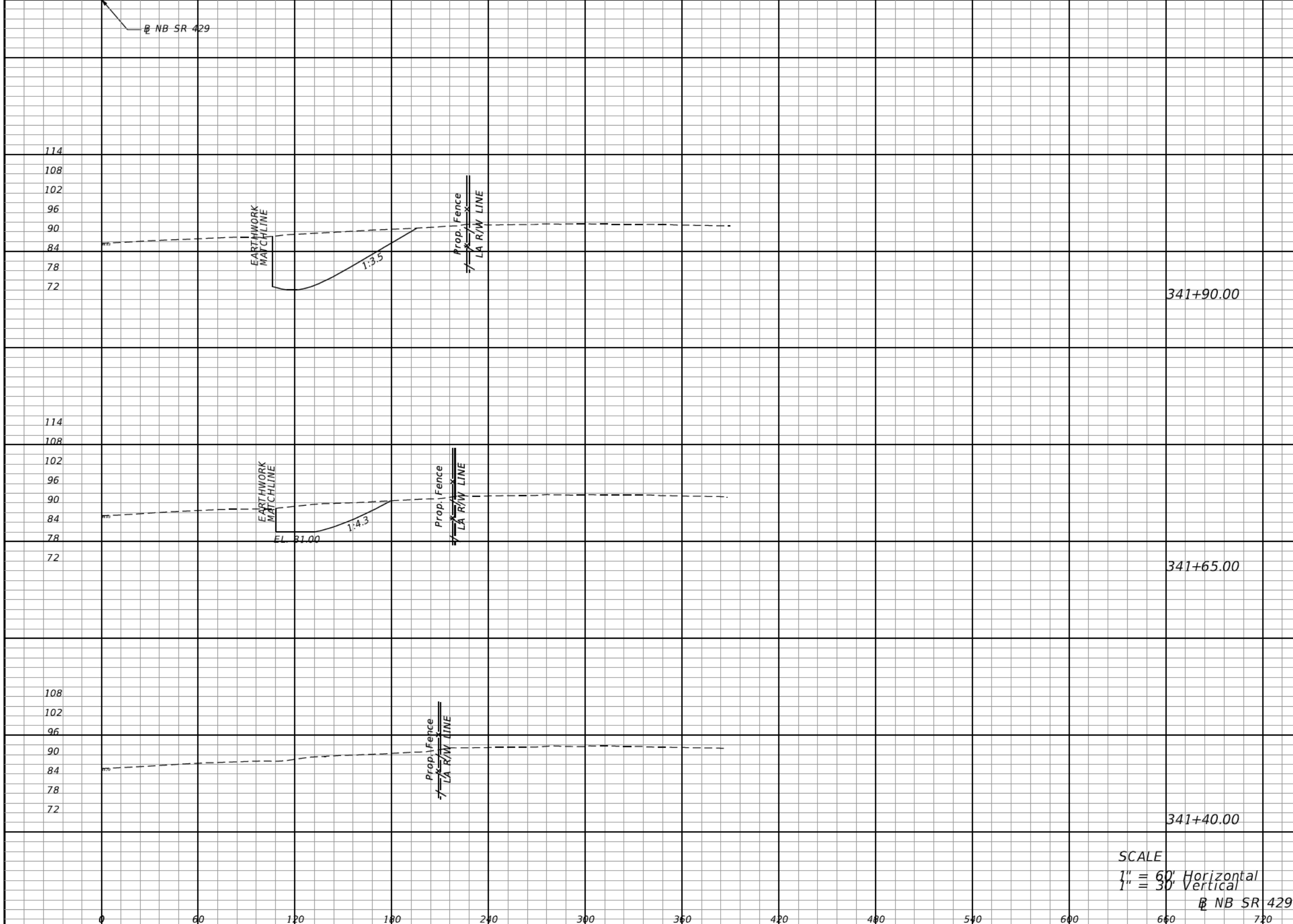
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-2B

SHEET NO.
322



Regular Exc.		Embankment	
A	V	A	V
968	643	0	0
422	195	0	0
0	0	0	0

SCALE
 1" = 60' Horizontal
 1" = 30' Vertical
 NB SR 429

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

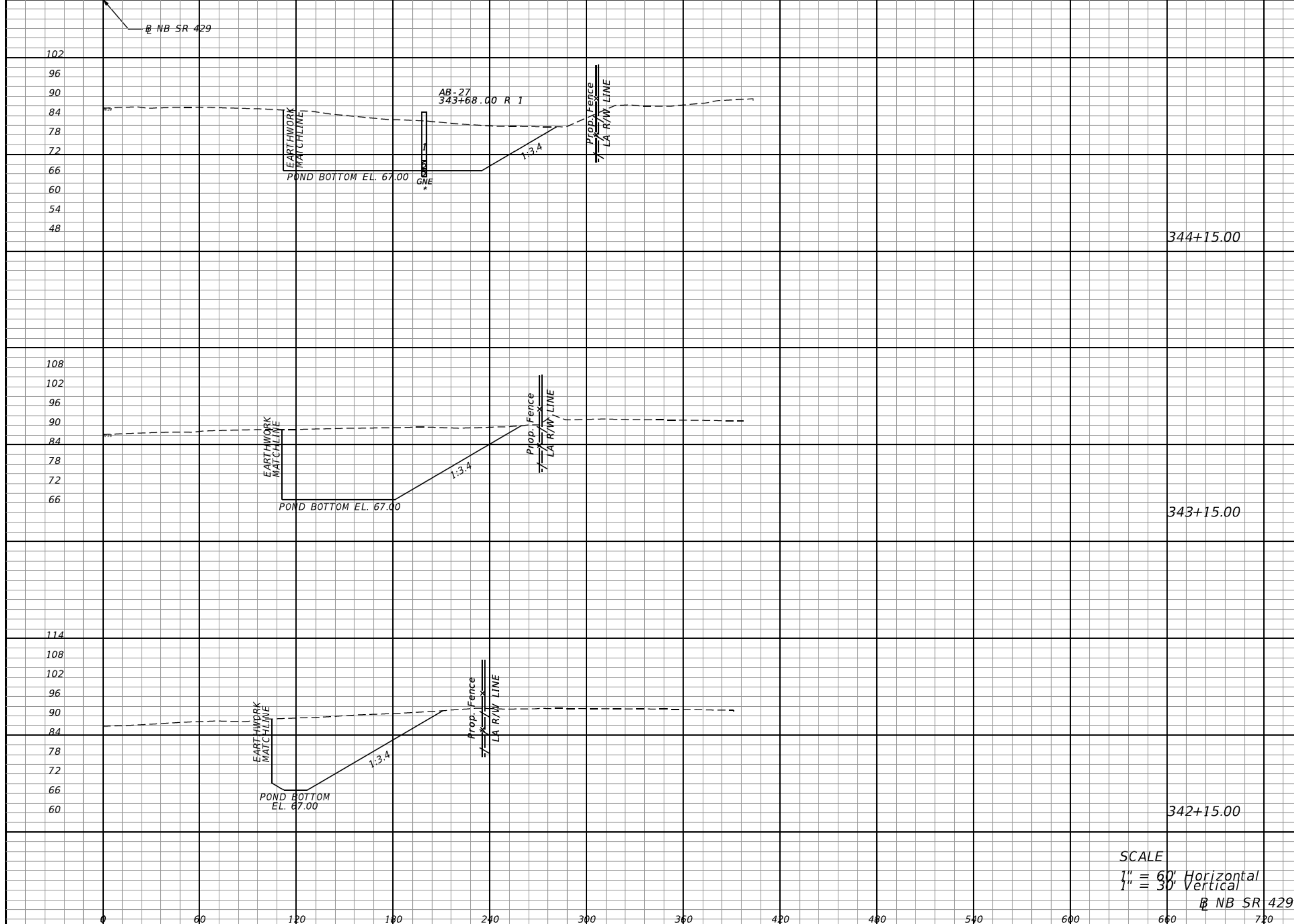
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
 FLOODPLAIN COMPENSATION 2**

SHEET NO.
323



Regular		Exc.		Embankment	
A	V	A	V	A	V
2316				0	
	8733				0
2400				0	
	7077				0
1422				0	
	1107				0

SCALE
 1" = 60' Horizontal
 1" = 30' Vertical
 NB SR 429

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

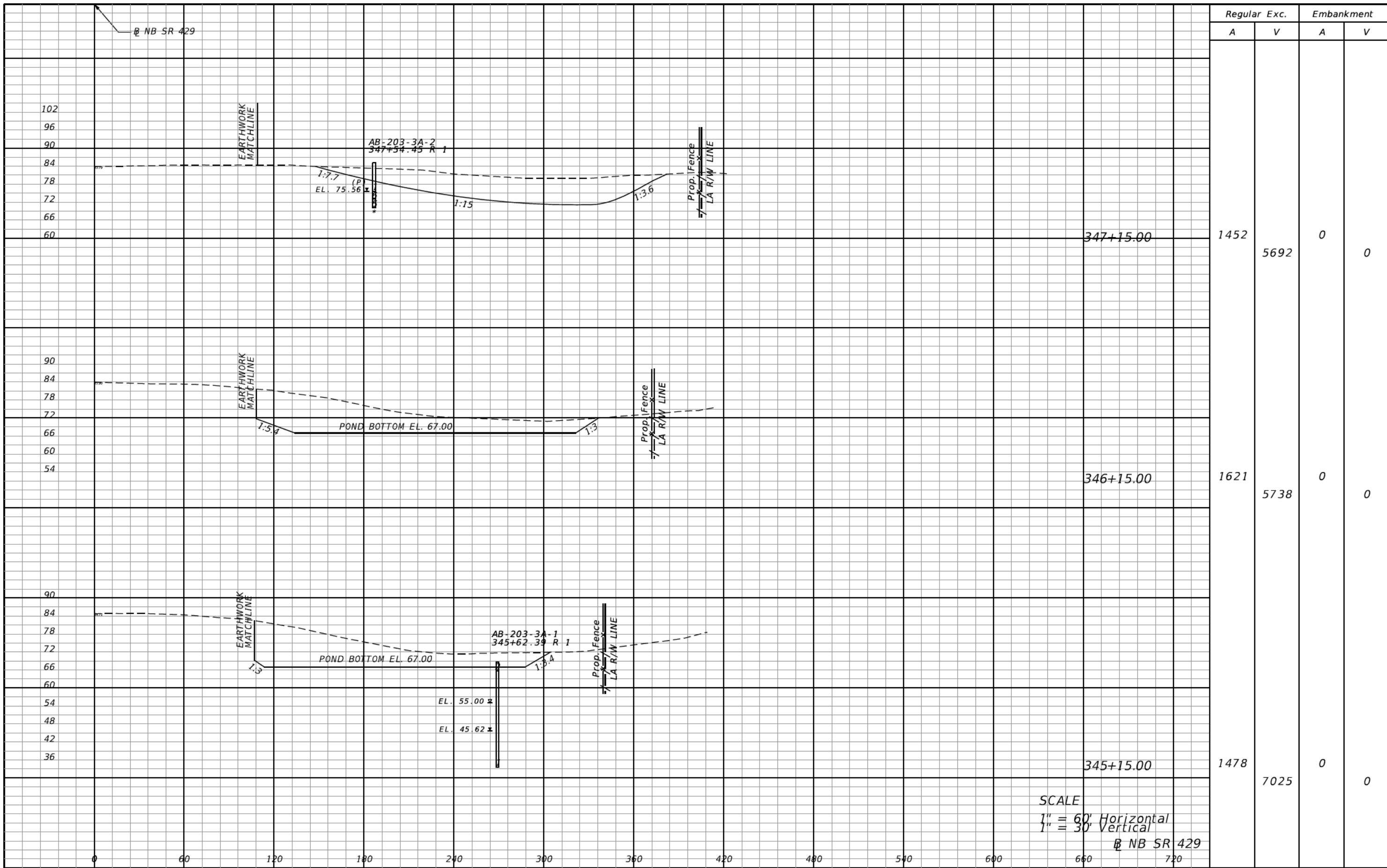
The Balmoral Group
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
 FLOODPLAIN COMPENSATION 2**

SHEET NO.
324



Regular		Exc.		Embankment	
A	V	A	V	A	V
1452	5692	0	0	0	0
1621	5738	0	0	0	0
1478	7025	0	0	0	0

SCALE
 1" = 60' Horizontal
 1" = 30' Vertical
 NB SR 429

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
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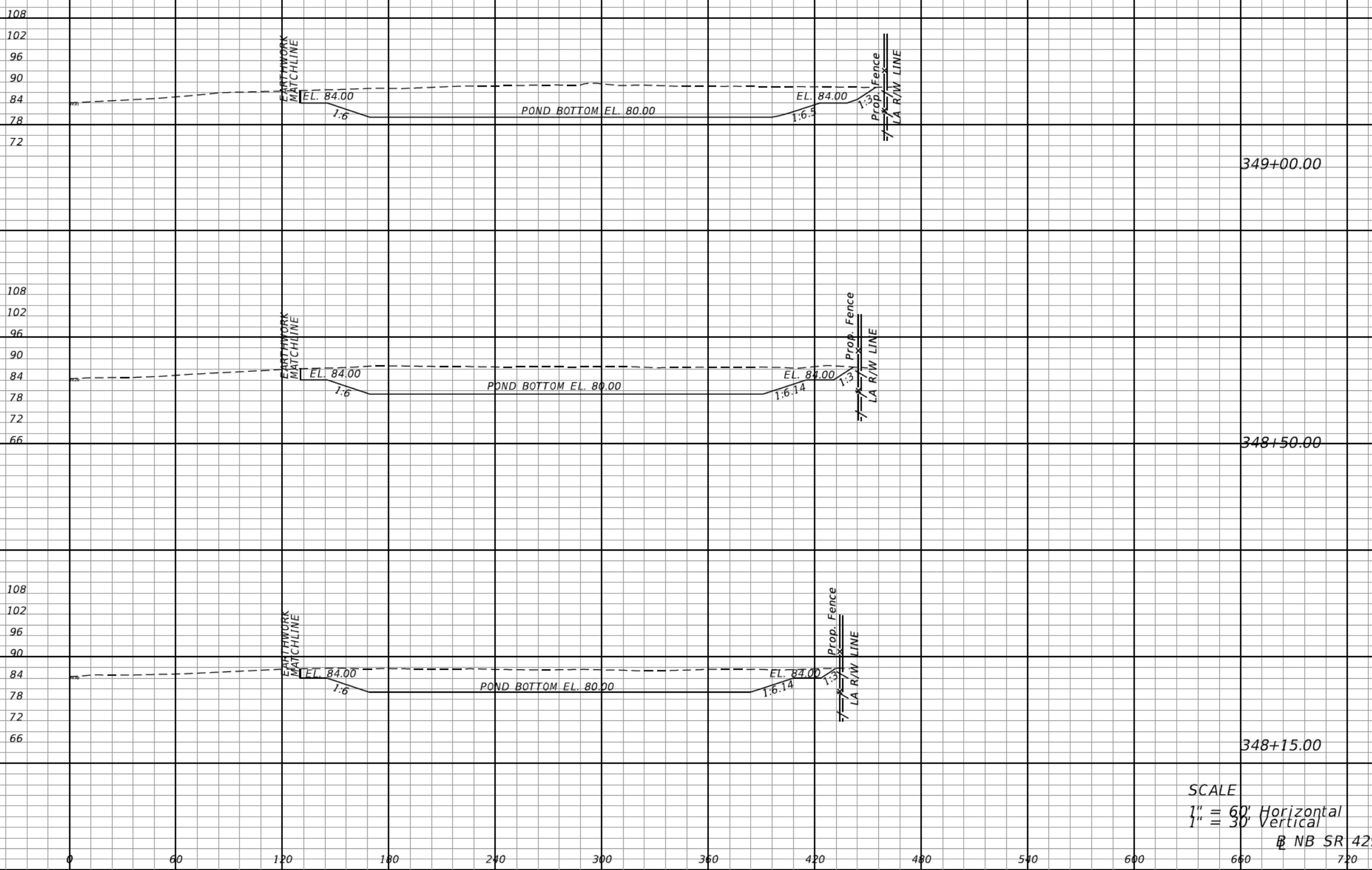
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
 FLOODPLAIN COMPENSATION 2**

SHEET NO.
325

⊕ NB SR 429



Regular Exc.		Embankment	
A	V	A	V
2470	4234	0	0
2102	2457	0	0
1689	5818	0	0

SCALE
 1" = 60' Horizontal
 1" = 30' Vertical
 ⊕ NB SR 429

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-3A

SHEET NO.
 326

Ⓢ NB SR 429

LEGEND



OVEREXCAVATION AREA
TO BE REPLACED WITH
UNIFORM GRADED A-3
MATERIAL WITH LESS
THAN 7% FINES.

108
102
96
90
84
78
72

EARTHWORK
MATCHLINE

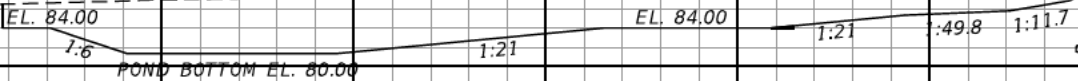


349+75.00

Overexcavation		Regular Exc.		Embankment	
A	V	A	V	A	V
192	90	1507	1639	0	0

108
102
96
90
84
78
72

EARTHWORK
MATCHLINE

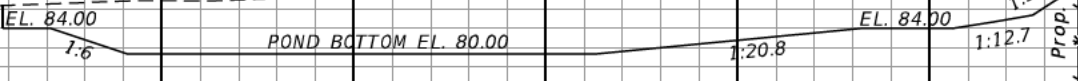


349+50.00

1	1	2360	2236	0	0
---	---	------	------	---	---

108
102
96
90
84
78
72

EARTHWORK
MATCHLINE



349+25.00

0	0	2304	2205	0	0
---	---	------	------	---	---

SCALE

1" = 60' Horizontal
1" = 30' Vertical

Ⓢ NB SR 429

0 60 120 180 240 300 360 420 480 540 600 660

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

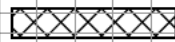


**POND CROSS SECTIONS
POND 203-3A & 203-3B**

SHEET NO.
327

⊕ NB SR 429

LEGEND



OVEREXCAVATION AREA
TO BE REPLACED WITH
UNIFORM GRADED A-3
MATERIAL WITH LESS
THAN 7% FINES.

108
102
96
90
84
78
72

EARTHWORK
MATCHLINE

EARTHWORK
MATCHLINE

EARTHWORK
MATCHLINE

POND BOTTOM EL. VARIES

POND BOTTOM EL. VARIES

POND 3B BOTTOM

Prop. Fence
LA R/W LINE

Prop. Fence
LA R/W LINE

Prop. Fence
LA R/W LINE

352+00.00

351+00.00

350+00.00

SCALE
1" = 60' Horizontal
1" = 30' Vertical

⊕ NB SR 429

Overexcavation		Regular Exc.		Embankment	
A	V	A	V	A	V
122	509	1327	5081	30	58
153	890	1417	5041	2	4
327	241	1305	1302	0	0

AB-203-3B-7
351+15.27 R 1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO. SR 429	PROJECT NO. 429-203

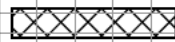


**POND CROSS SECTIONS
POND 203-3A & 203-3B**

SHEET
NO.
328

⊕ NB SR 429

LEGEND



OVEREXCAVATION AREA
TO BE REPLACED WITH
UNIFORM GRADED A-3
MATERIAL WITH LESS
THAN 7% FINES.

108
102
96
90
84
78
72

108
102
96
90
84
78
72
66
60

EARTHWORK
MATCHLINE

EARTHWORK
MATCHLINE

Prop. Fence
LA R/W LINE

Prop. Fence
LA R/W LINE

GNE

POND BOTTOM EL. VARIES

POND BOTTOM EL. VARIES

EL. 87.00

EL. 87.00

EL. 84.00

EL. 84.00

EL. 85.00

EL. 81.10

EL. 87.00

EL. 83.30

EL. 81.10

EL. 77.30

EL. 84.50

EL. 85.00

AB-26
353+31.00 R 1

AB-203-3B-1
353+09.27 R 1

AB-203-3B-6
352+71.07 R 1

354+00.00

353+00.00

SCALE
1" = 60' Horizontal
1" = 30' Vertical

⊕ NB SR 429

	Overexcavation		Regular Exc.		Embankment	
	A	V	A	V	A	V
107		383	1484	5279	37	158
100		410	1367	4989	48	144

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
POND 203-3A & 203-3B**

SHEET
NO.
329

Ⓢ NB SR 429

LEGEND



OVEREXCAVATION AREA
TO BE REPLACED WITH
UNIFORM GRADED A-3
MATERIAL WITH LESS
THAN 7% FINES.

114
108
102
96
90
84
78
72

EARTHWORK
MATCHLINE

EL. 87.00
EL. 84.00

POND 3B BOTTOM
EL. VARIES

EL. 87.00
EL. 85.00

EL. 90.00
1:1.0

POND 3C BOTTOM
EL. VARIES

EL. 90.00
EL. 87.00

Prop. Fence
LA R/W LINE

AB-203-3B-5
356+32.65 R 1

EL. 89.00 EL. 89.00

356+00.00

127

419

644

3328

32

150

114
108
102
96
90
84
78
72
66
60
54
48
42

EARTHWORK
MATCHLINE

EL. 87.00
EL. 84.00

EL. 84.00

AB-203-3B-2
354+98.03 R 1

POND BOTTOM EL. VARIES
EL. 80.00 EL. 85.00

EL. 87.00
EL. 80.40

AB-25
354+80.00 R

Prop. Fence
LA R/W LINE

355+00.00

99

382

1153

4884

48

159

SCALE

1" = 60' Horizontal
1" = 30' Vertical

Ⓢ NB SR 429

0 60 120 180 240 300 360 420 480 540 600 660

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

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**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
POND 203-3A & 203-3B**

SHEET
NO.
330

114
108
102
96
90
84
78
72
66
60
54
48
42

⊕ NB SR 429

EARTHWORK MATCHLINE

Prop. Fence
LA R/W LINE

358+50.00

LEGEND



OVEREXCAVATION AREA TO BE REPLACED WITH UNIFORM GRADED A-3 MATERIAL WITH LESS THAN 7% FINES.

SUMMARY OF EARTHWORK FLOODPLAIN COMPENSATION 2, POND 203-3A, 203-3B, & 203-3C		
DESCRIPTION	CY	
	P	F
EXCAVATION	90,442	
EMBANKMENT	904	
OVEREXCAVATION	5,360	

AB-24
357+03.00 R 1

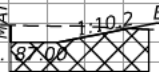


EL. 90.00
EL. 83.10

358+00.00

EARTHWORK MATCHLINE

AB-203-3B-3
356+54.60 R 1



EL. 90.00
EL. 87.00

POND BOTTOM EL. VARIES
EL. 86.27

EL. 83.10
EL. 80.10

357+00.00

SCALE

1" = 60' Horizontal
1" = 30' Vertical

⊕ NB SR 429

Overexcavation		Regular Exc.		Embankment	
A	V	A	V	A	V
0	307	0	573	0	0
331	1053	618	2645	0	85
237	675	810	2693	46	145

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

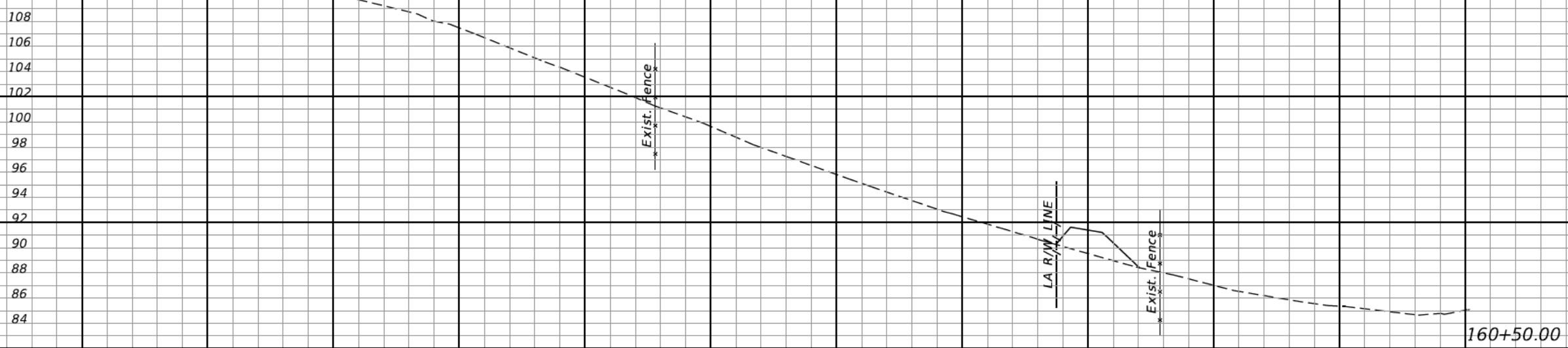
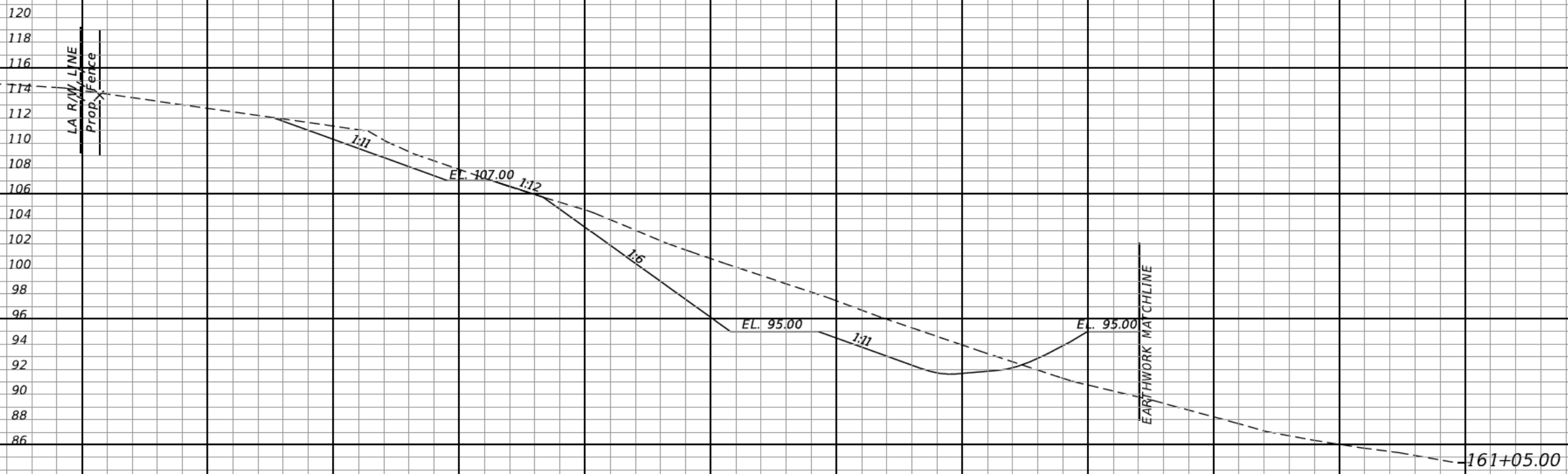


POND CROSS SECTIONS
POND 203-3C

SHEET NO.
331

SB SR 429

Regular		Exc.		Embankment	
A	V	A	V	A	V



496	505	121	159
0	0	34	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

SB SR 429

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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 ROAD NO. SR 429
 PROJECT NO. 429-203

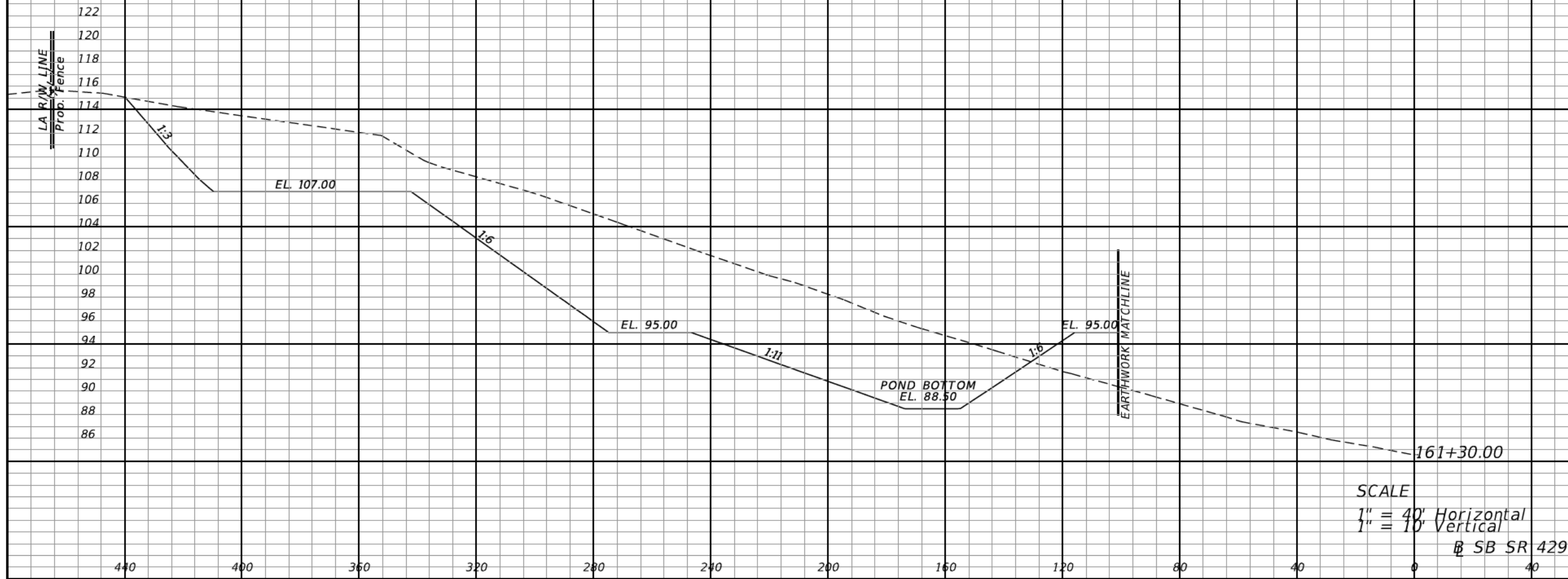


**POND CROSS SECTIONS
 POND 203-4**

SHEET NO.
 332

SB SR 429

Regular		Exc.		Embankment	
A	V	A	V	A	V
1875			1097	88	97



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

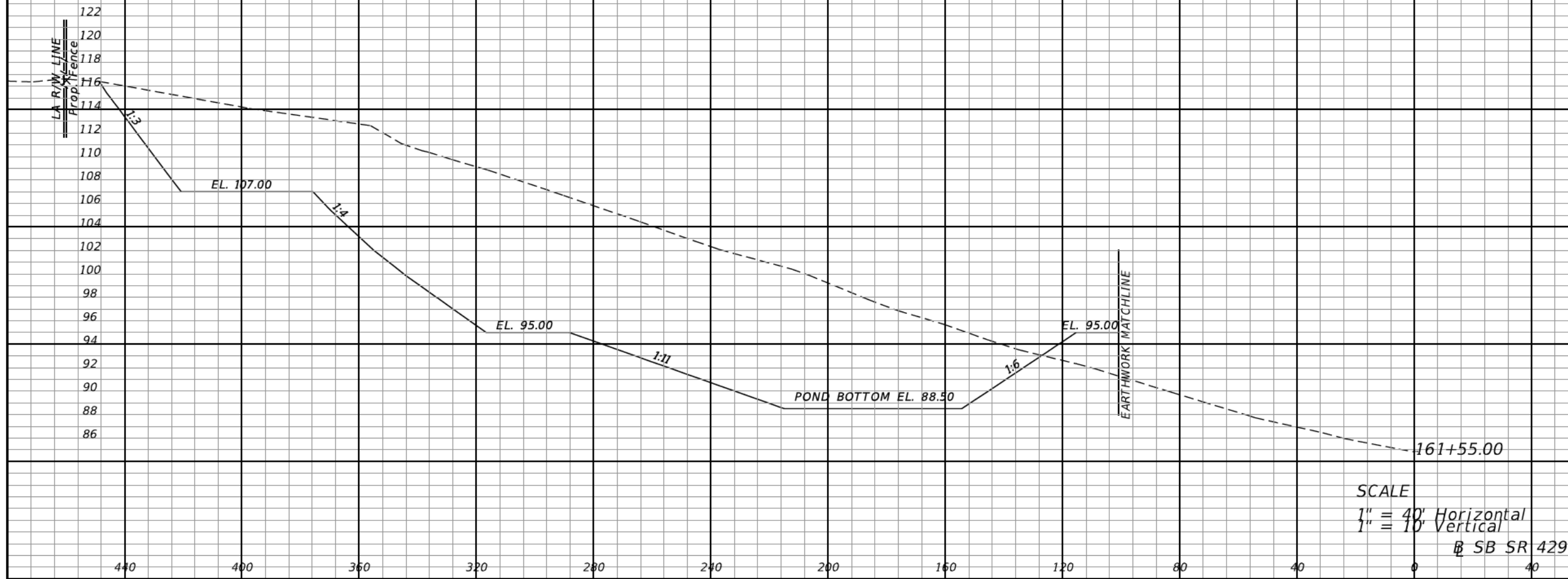


POND CROSS SECTIONS
POND 203-4

SHEET NO.
333

SB SR 429

Regular Exc.		Embankment	
A	V	A	V
2941	2229	61	69



SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 SB SR 429

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

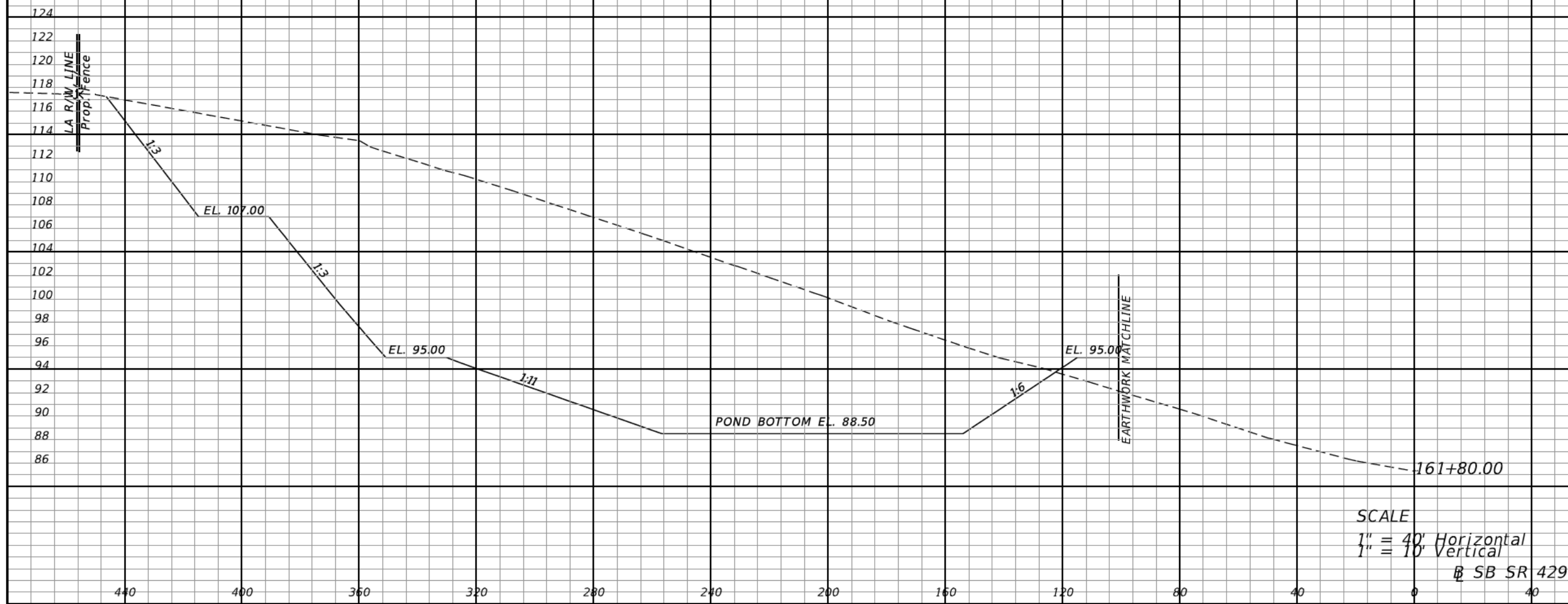


**POND CROSS SECTIONS
 POND 203-4**

SHEET NO.
 334

SB SR 429

Regular Exc.		Embankment	
A	V	A	V
3745	3095	40	47



SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 SB SR 429

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

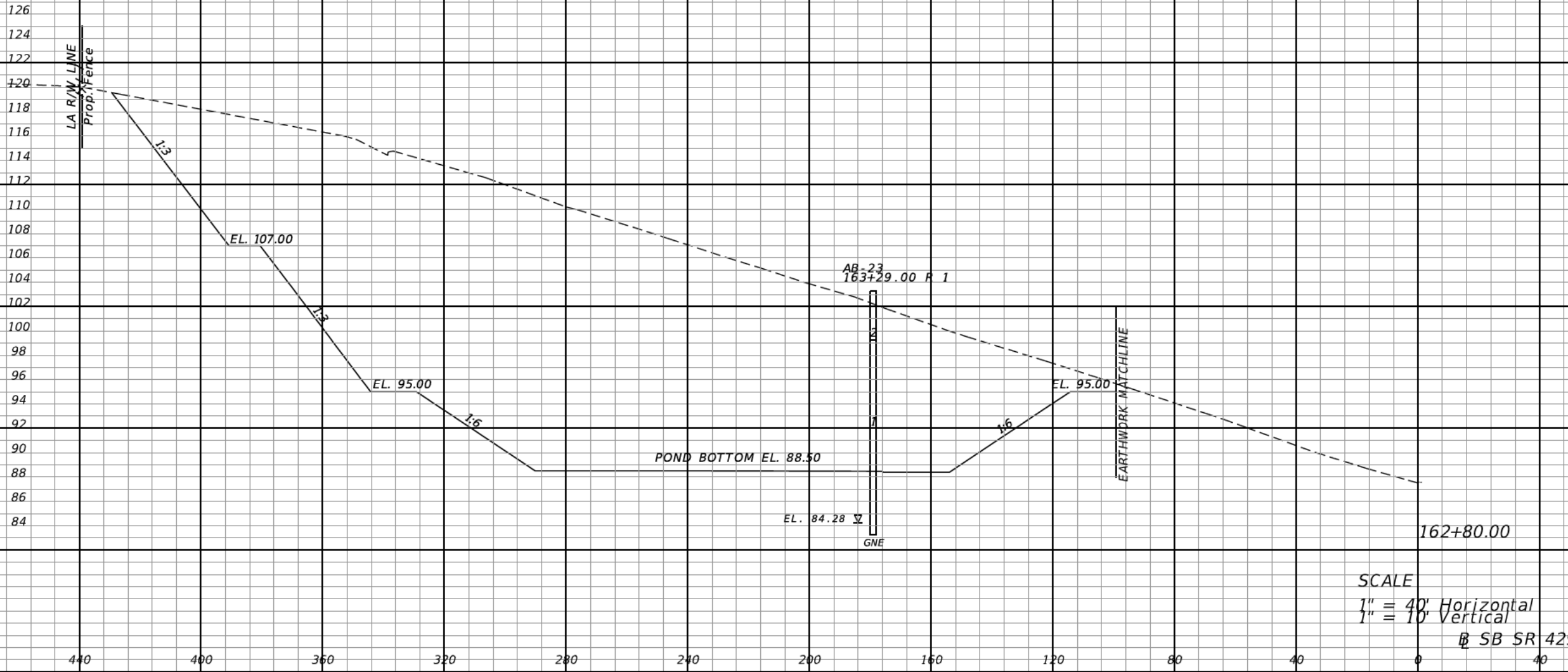


POND CROSS SECTIONS
POND 203-4

SHEET NO.
 335

SB SR 429

Regular Exc.		Embankment	
A	V	A	V
4609	15471	0	74



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

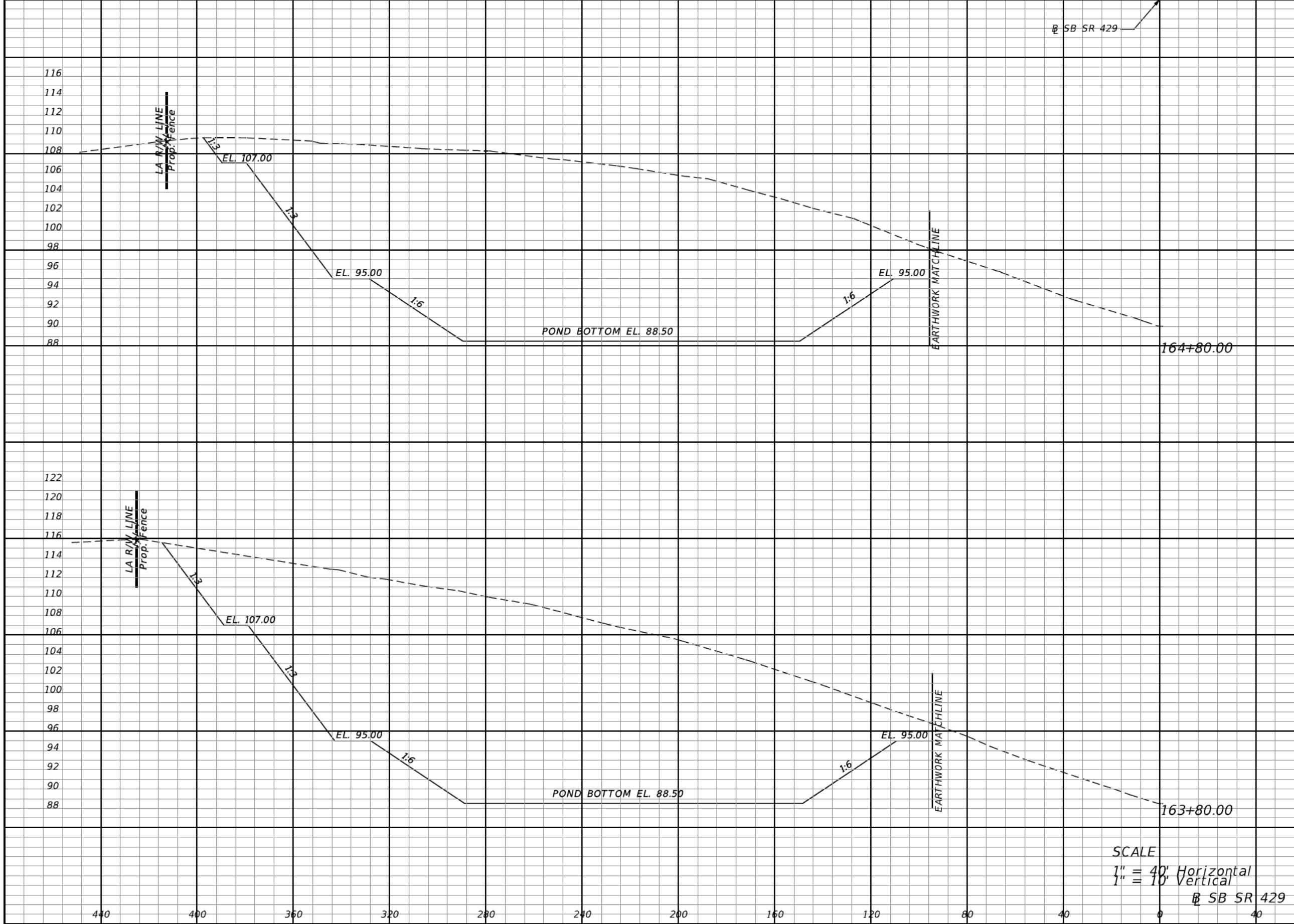
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-4

SHEET NO.
 336



Regular		Exc.		Embankment	
A	V	A	V	A	V
4109	15944	0	0	0	0
4501	16871	0	0	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 SB SR 429

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 www.balmoralgroup.us
 Certificate of Authorization No. 26123
 E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203

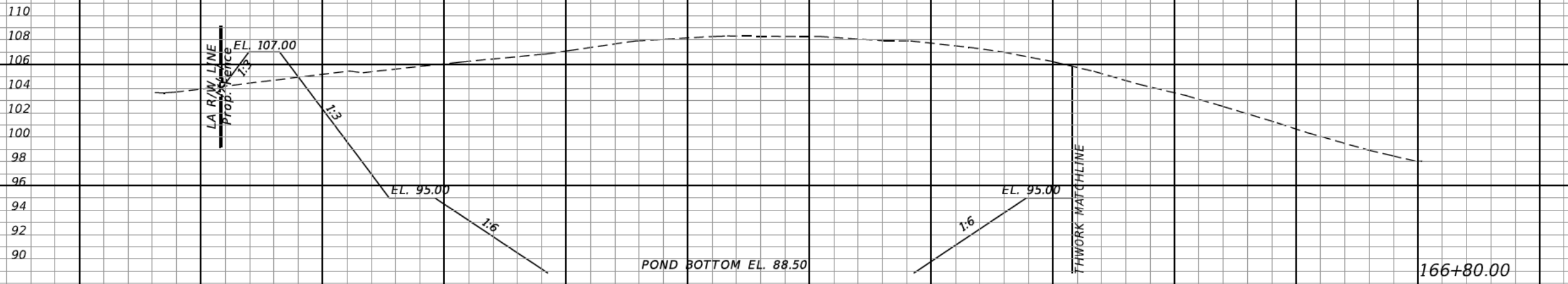


POND CROSS SECTIONS
POND 203-4

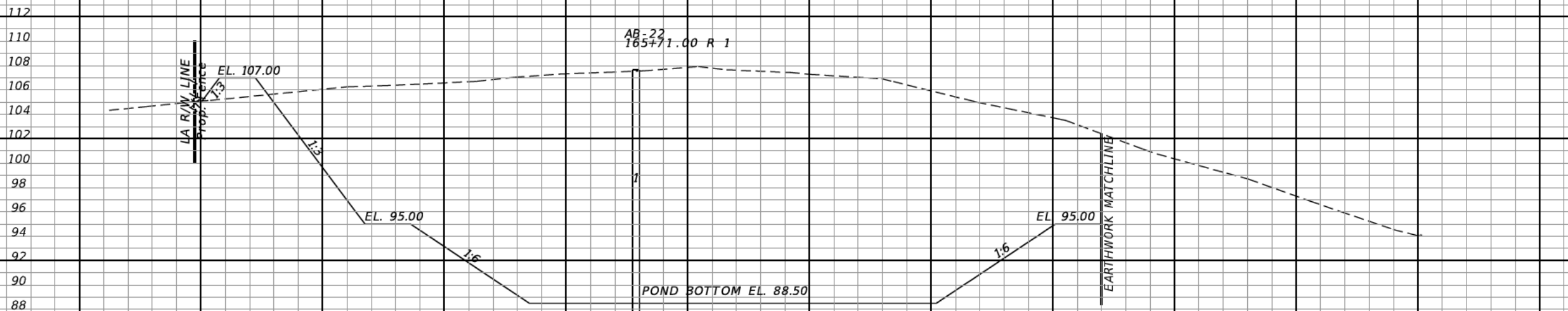
SHEET NO.
 337

SB SR 429

Regular Exc.		Embankment	
A	V	A	V



3935	14841	42	129
------	-------	----	-----



4079	15163	28	51
------	-------	----	----

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 SB SR 429

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

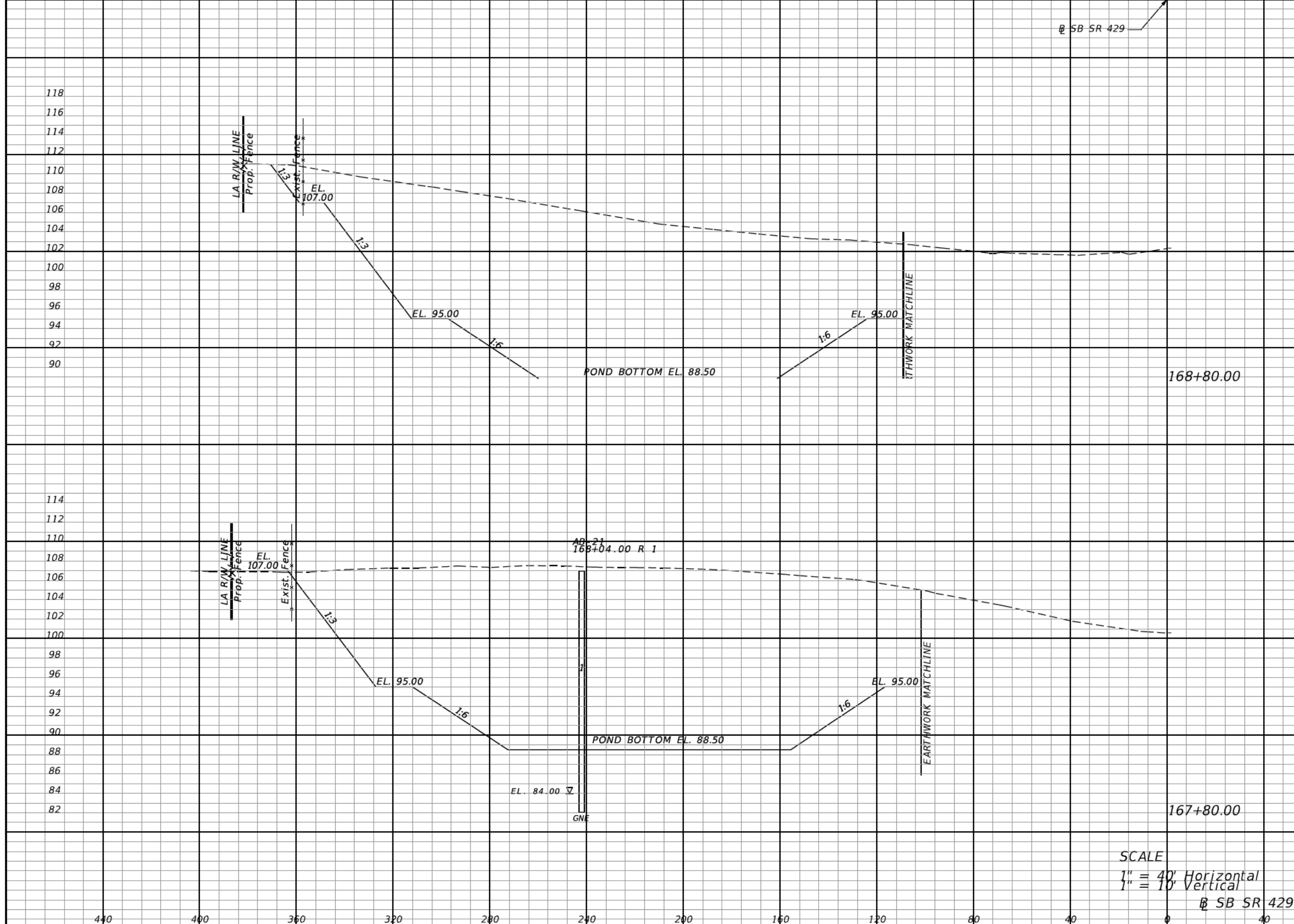
The Balmoral Group
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ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
 POND 203-4**

SHEET NO.
338



Regular		Exc.		Embankment	
A	V	A	V	A	V
3332	13439	0	5		
3925	14556	3	84		

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 SB SR 429

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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 PROJECT NO. 429-203

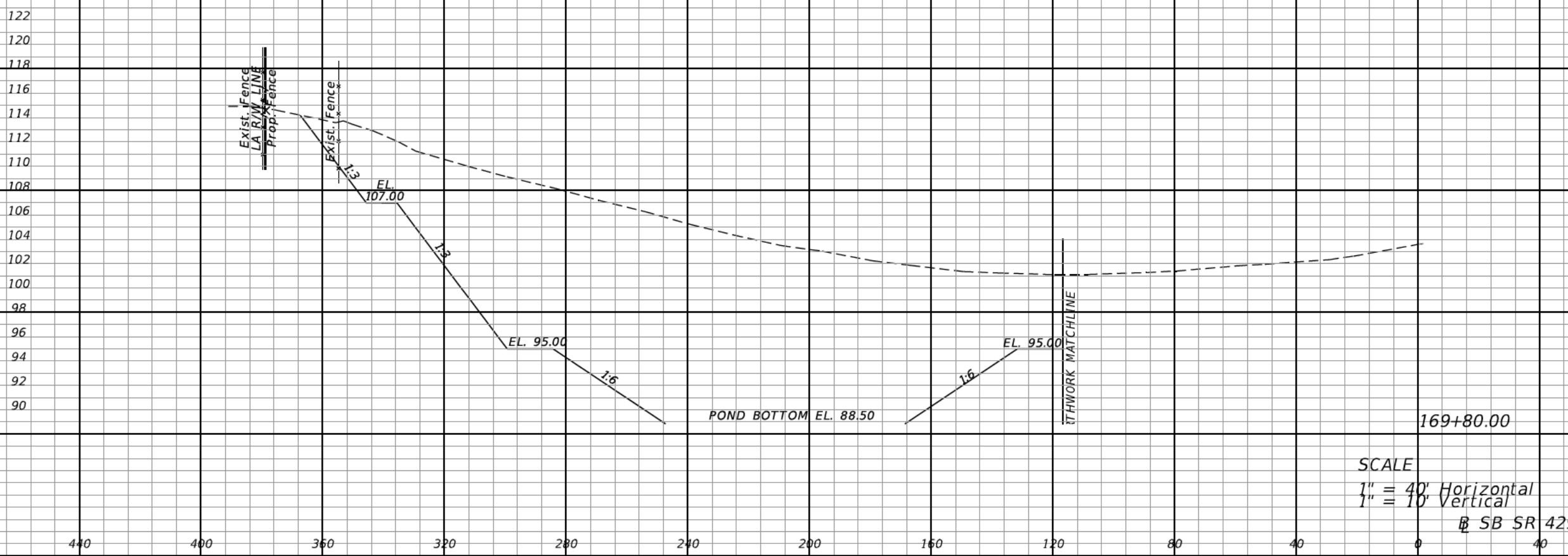


**POND CROSS SECTIONS
 POND 203-4**

SHEET NO.
 339

SB SR 429

Regular Exc.		Embankment	
A	V	A	V
2861	11468	0	0



SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 SB SR 429

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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 ROAD NO. SR 429
 PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-4

SHEET NO. 340

SB SR 429

Regular Exc. Embankment
A V A V

122
120
118
116
114
112
110
108
106
104
102
100
98
96
94
92
90
88
86
84
82
80
78

Exist. Fence
Prop. Fence
Exist. Fence
Exist. Fence

1:3
1:3

EL. 107.00

1:3

EL. 95.00

1:6

POND BOTTOM EL. 88.50

AB-20
171+02.00 R 1

(P)

EL. 85.25

1:6

EL. 95.00

EARTHWORK MATCHLINE

170+80.00

2640

10187

0

0

SCALE
1" = 40' Horizontal
1" = 10' Vertical

SB SR 429

440 400 360 320 280 240 200 160 120 80 40 0 40

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

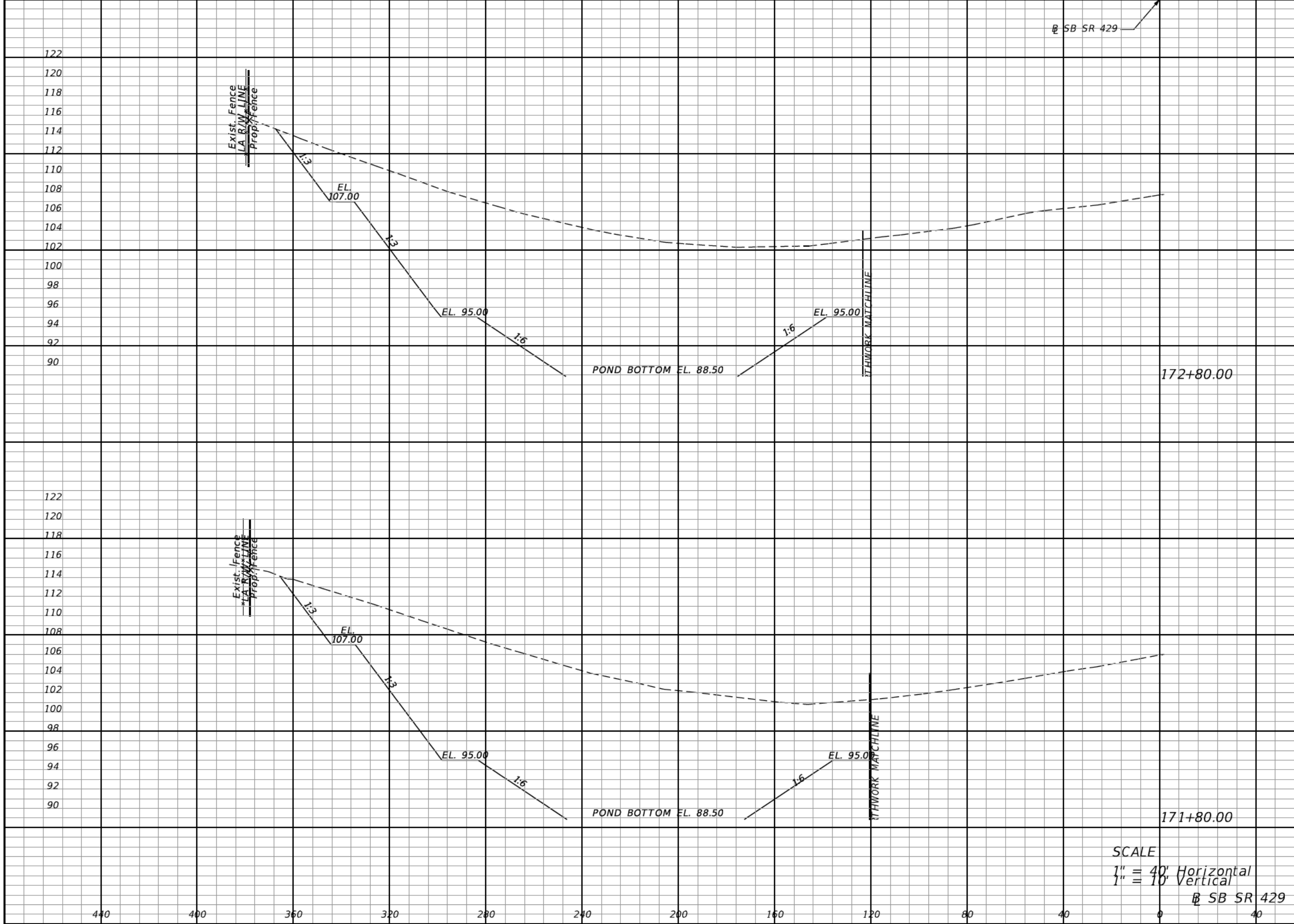
The Balmoral Group
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203



**POND CROSS SECTIONS
POND 203-4**

SHEET NO.
341



Regular		Exc.		Embankment	
A	V	A	V	A	V
2685	9879	0	0	0	0
2649	9795	0	0	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 SB SR 429

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

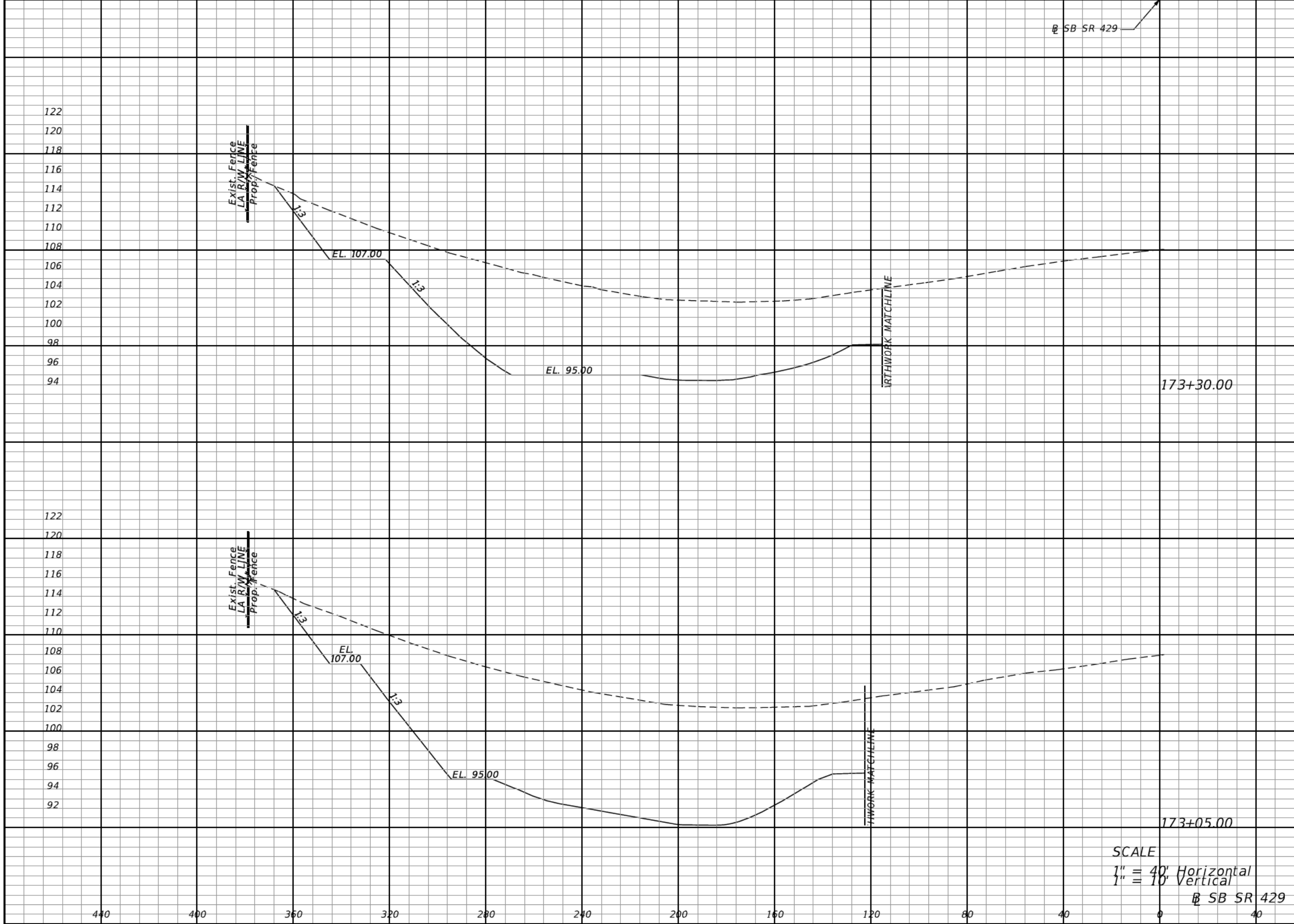
The Balmoral Group
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-4

SHEET NO.
 342



Regular		Exc.		Embankment	
A	V	A	V	A	V
1775	1915	0	0	0	0
2362	2337	0	0	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 SB SR 429

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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 ROAD NO. SR 429
 PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-4

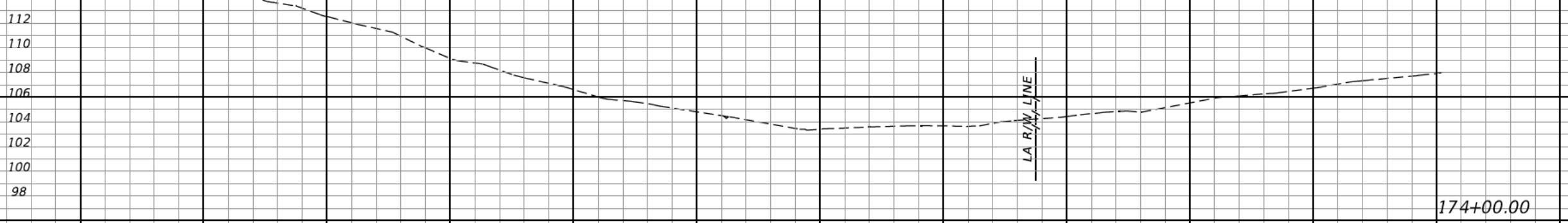
SHEET NO.
 343

SB SR 429

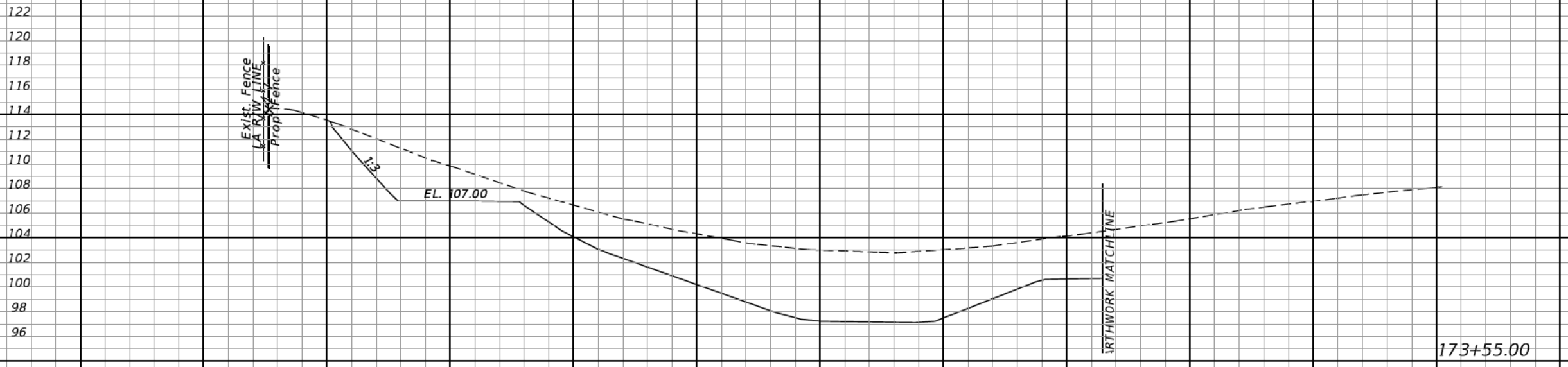
Regular Exc. Embankment

A V A V

SUMMARY OF EARTHWORK POND 203-4		
DESCRIPTION	CY	
	P	F
EXCAVATION	160,860	
EMBANKMENT	715	



0 801 0 0



961 1267 0 0

SCALE
1" = 40' Horizontal
1" = 10' Vertical

SB SR 429

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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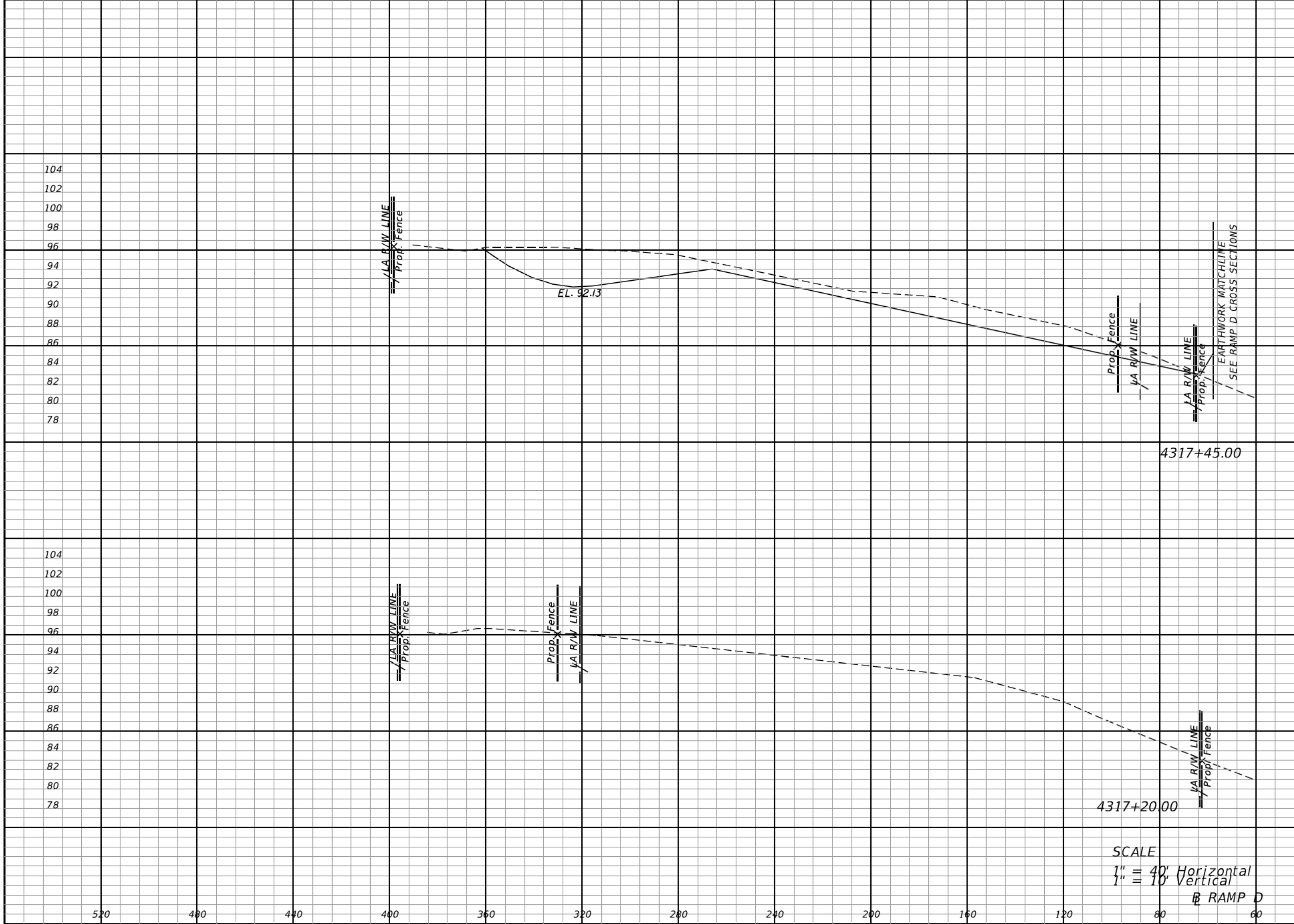
**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
POND 203-4**

SHEET NO.
344



Regular Exc.		Embankment	
A	V	A	V
522	241	8	4
0	0	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 RAMP D

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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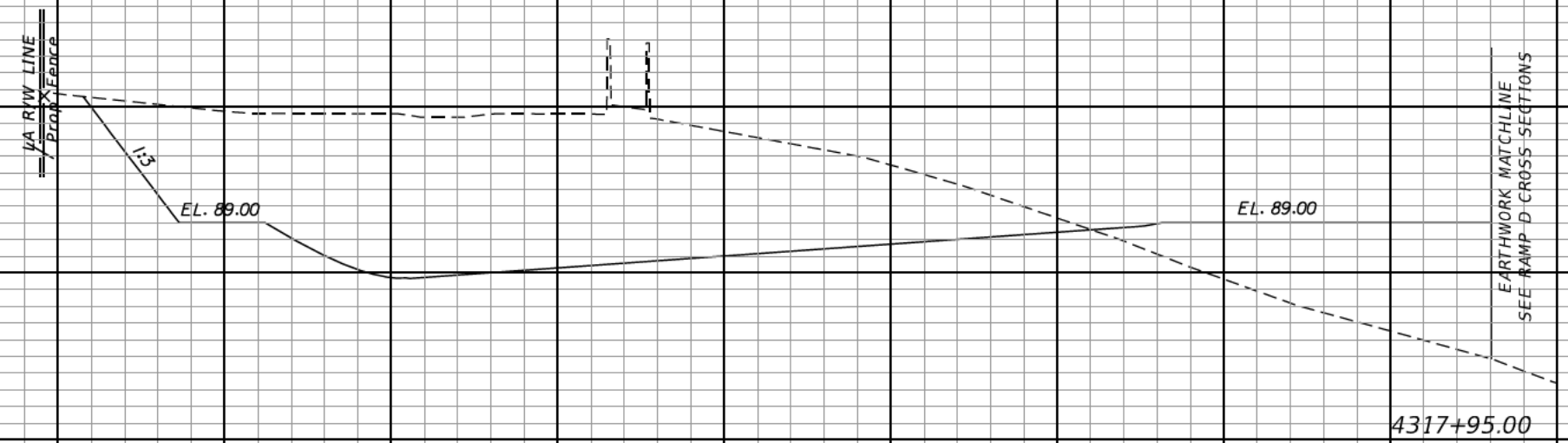
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-7

SHEET NO.
 345

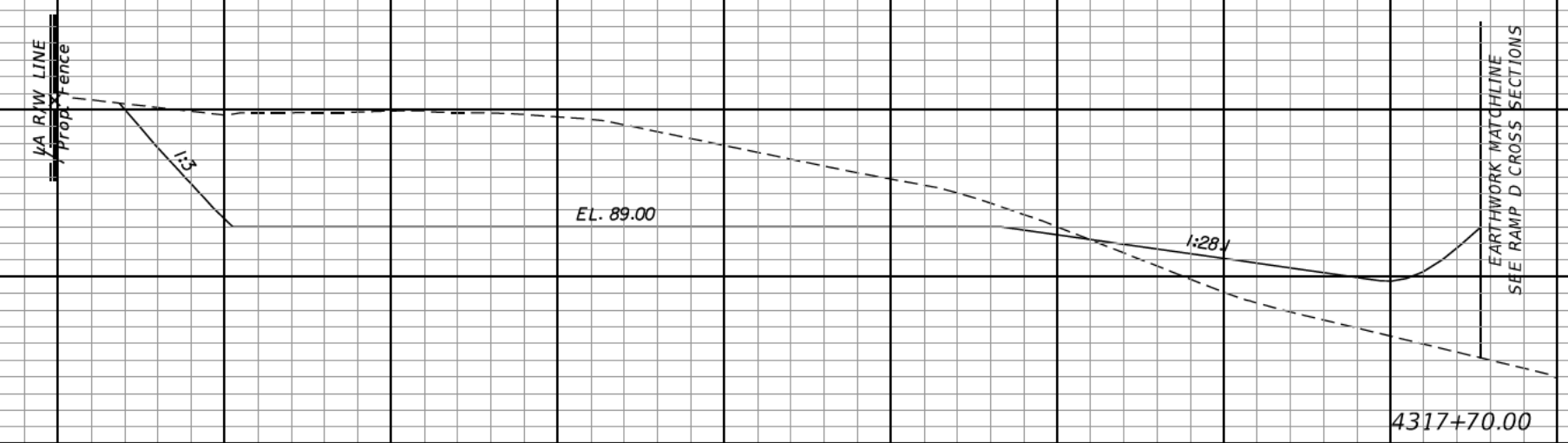
104
102
100
98
96
94
92
90
88
86
84
82
80
78



4317+95.00

Regular Exc.		Embankment	
A	V	A	V
1575	1231	434	318

104
102
100
98
96
94
92
90
88
86
84
82
80
78



4317+70.00

SCALE
1" = 40' Horizontal
1" = 10' Vertical
RAMP D

1084	744	254	121
------	-----	-----	-----

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

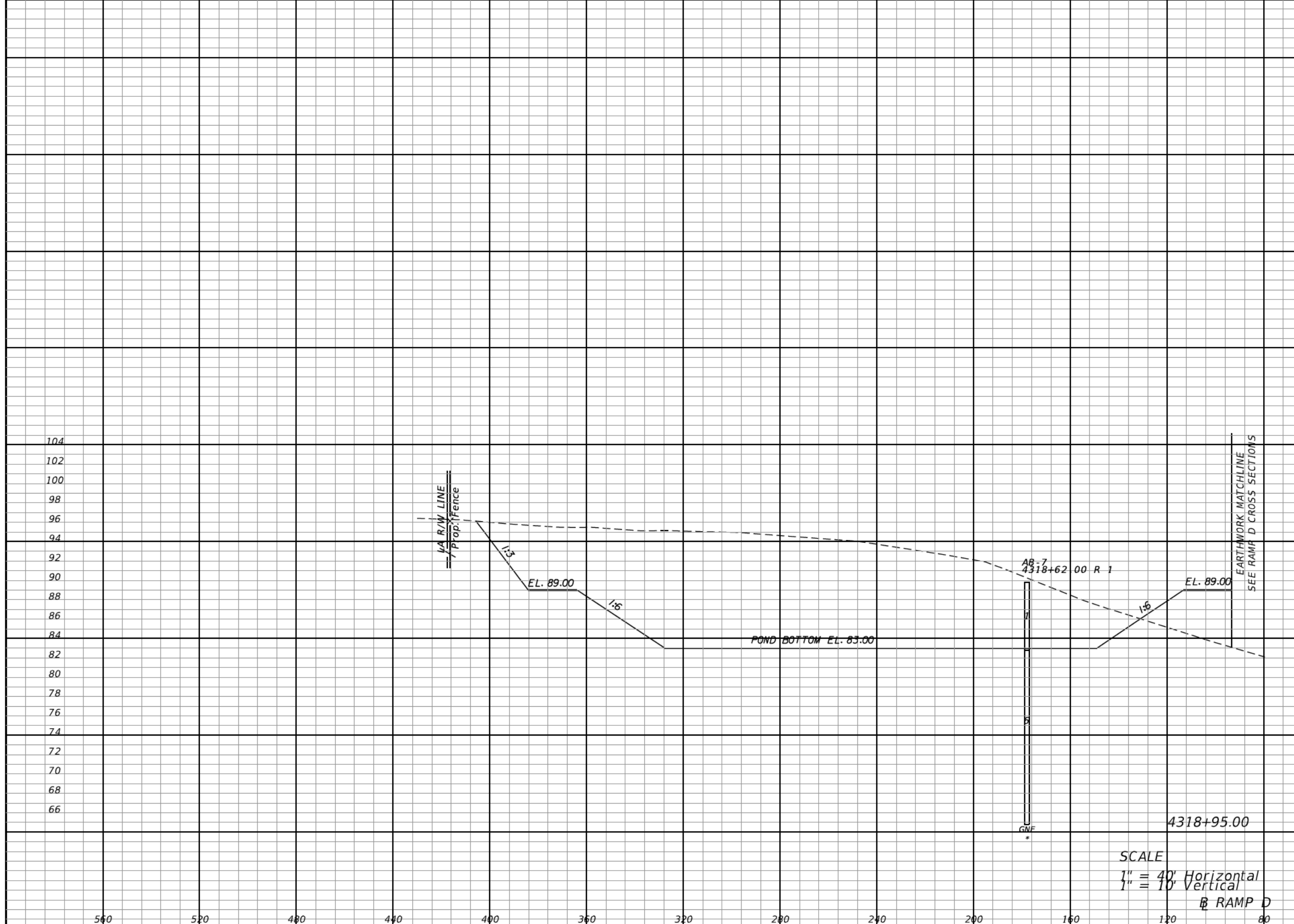
The Balmoral Group
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-7

SHEET NO.
346



Regular Exc.		Embankment	
A	V	A	V
2348	7264	143	1067

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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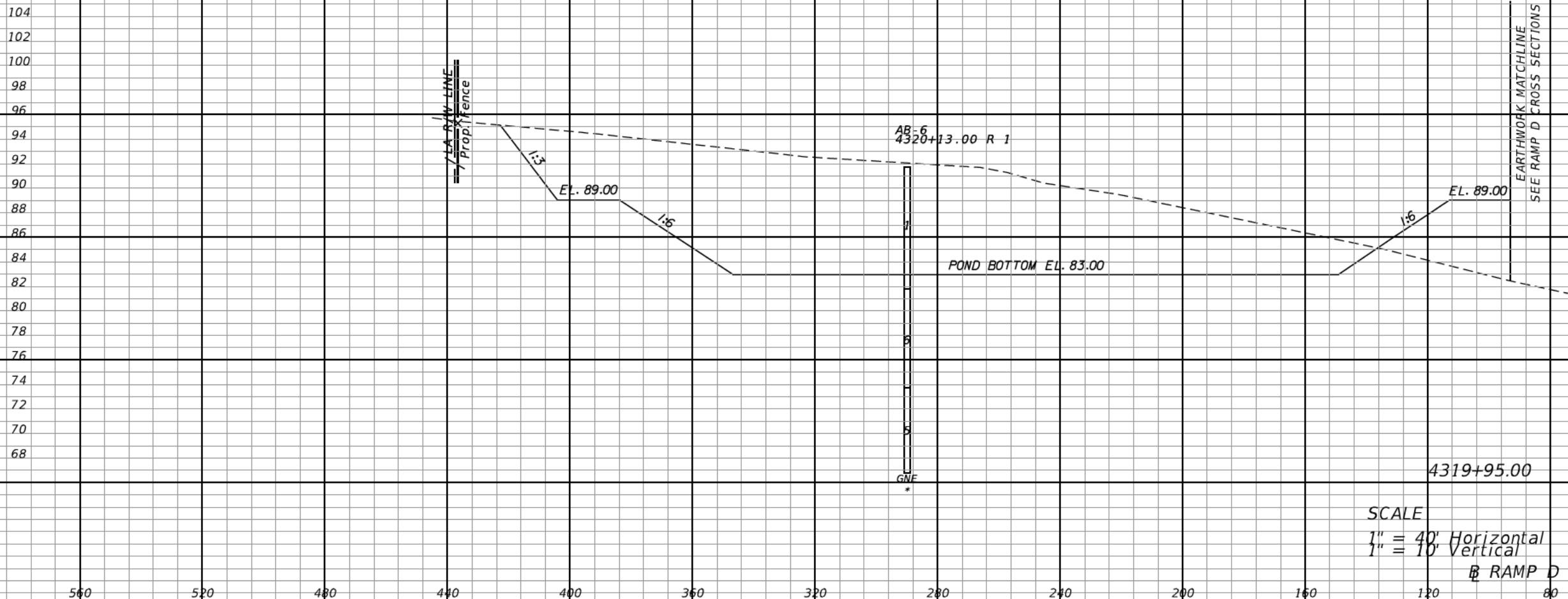
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-7

SHEET NO. 347

Regular Exc.		Embankment	
A	V	A	V



1893	7854	180	598
------	------	-----	-----

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

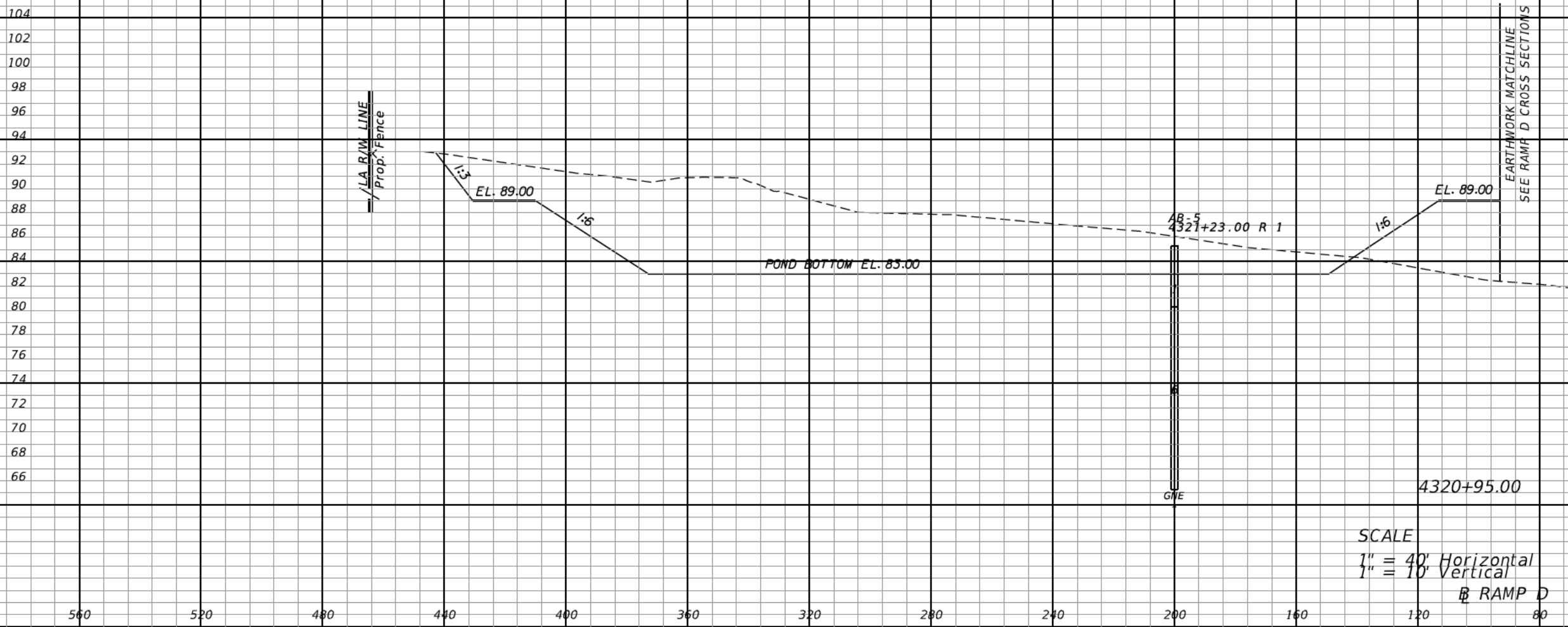
ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
 POND 203-7**

SHEET NO.
 348

Regular Exc.		Embankment	
A	V	A	V



1323	5956	206	716
------	------	-----	-----

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 RAMP D

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

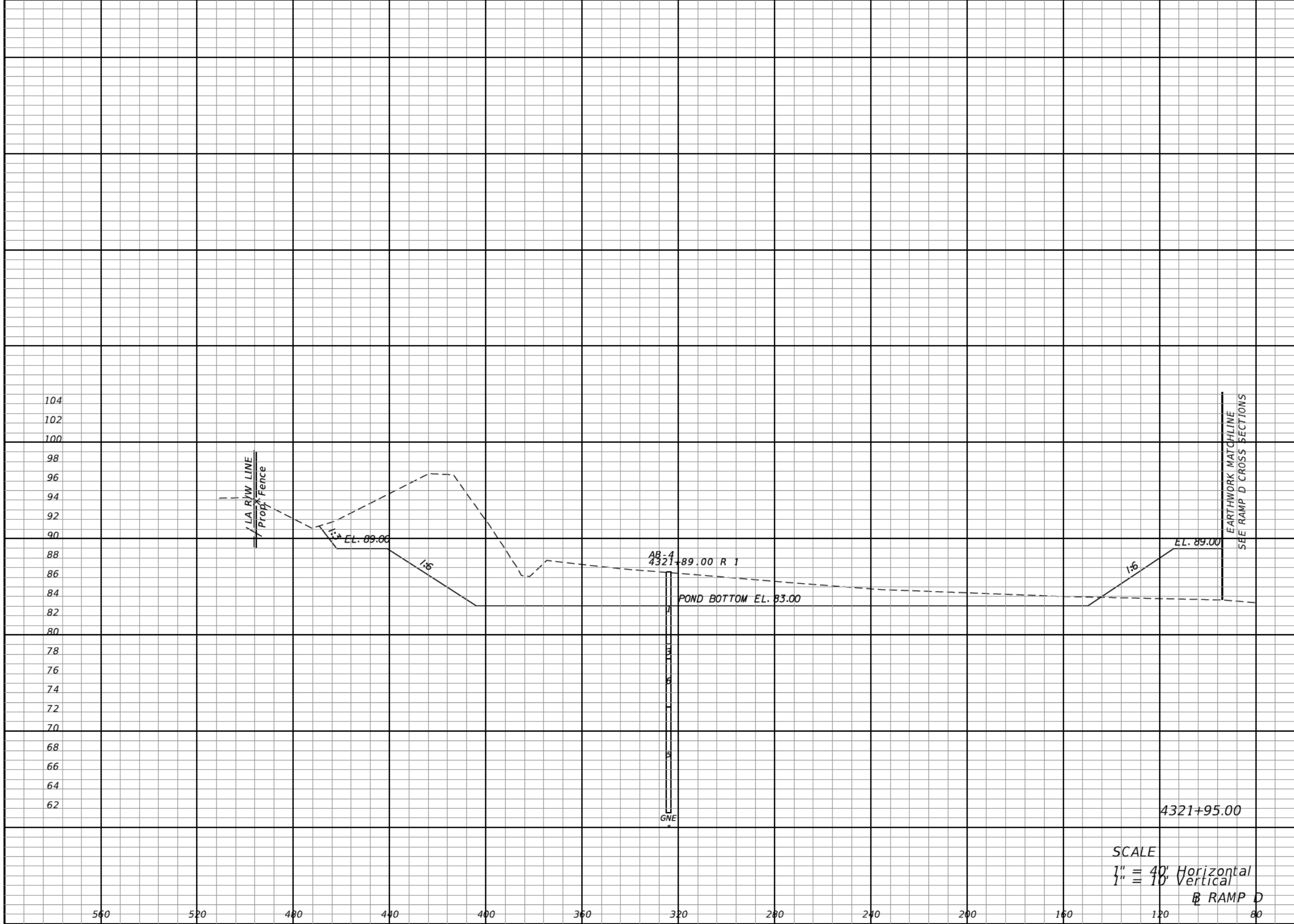
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-7

SHEET NO.
349



Regular Exc.		Embankment	
A	V	A	V
1176	4627	187	728

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 RAMP D

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

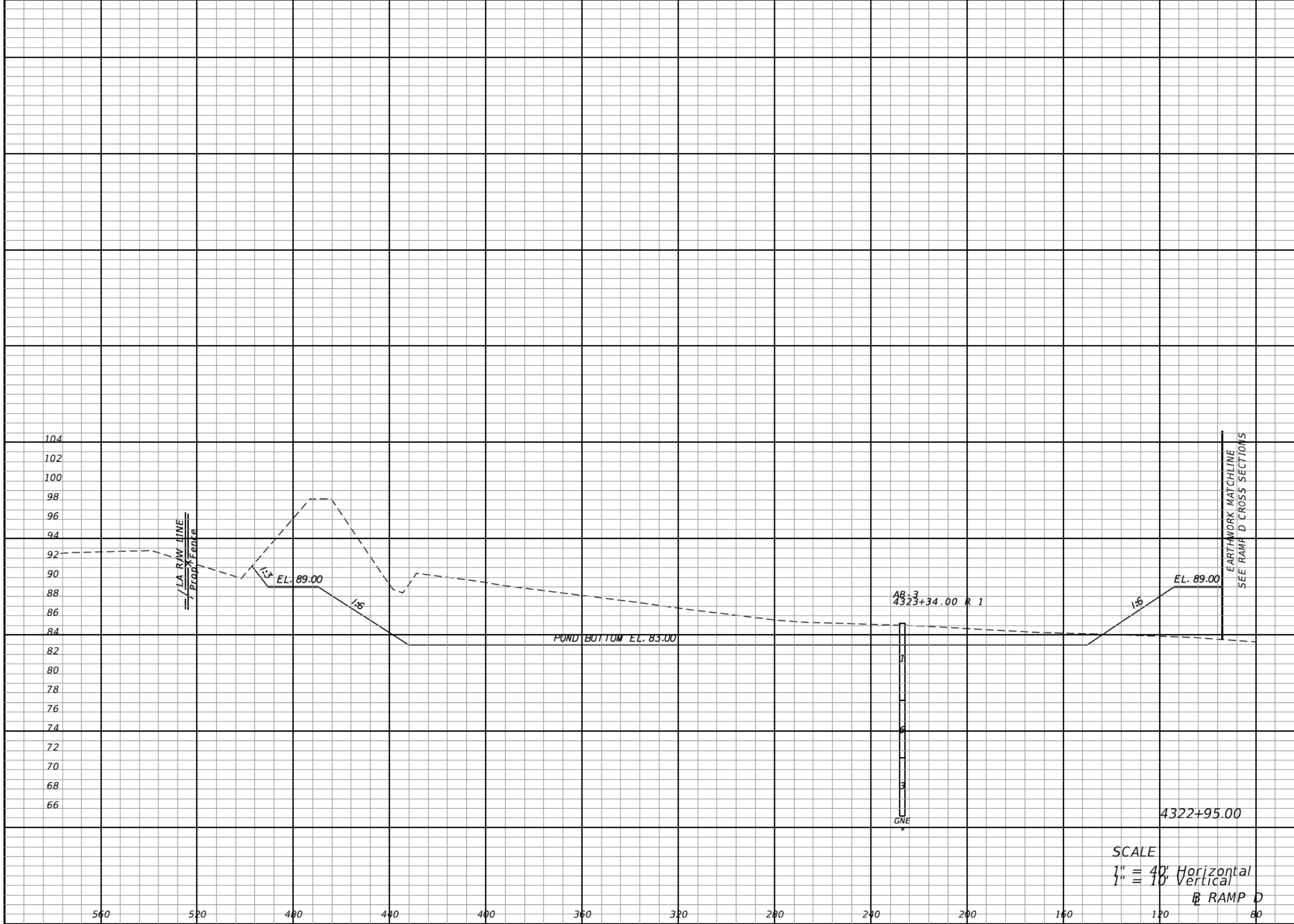
The Balmoral Group
 165 Lincoln Avenue
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-7

SHEET NO.
350



Regular Exc.		Embankment	
A	V	A	V
1429	4824	183	684

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
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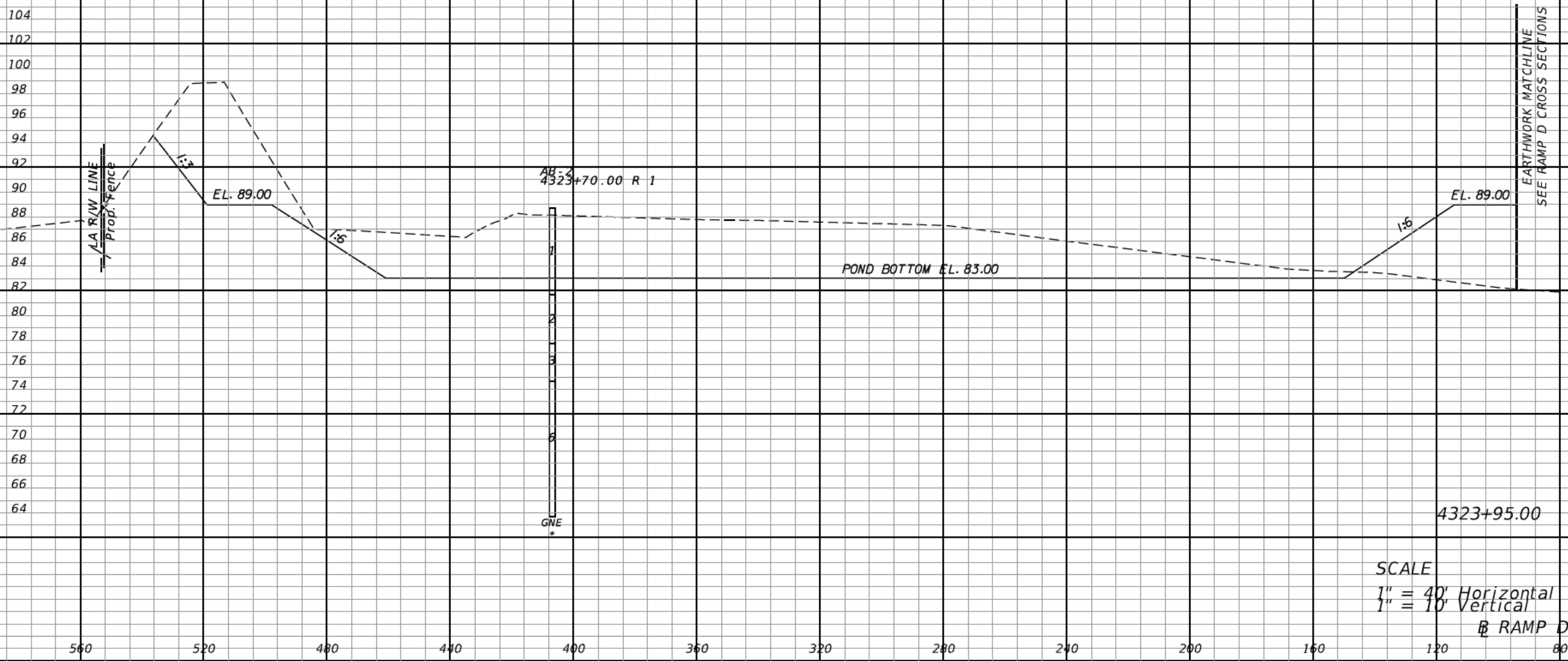
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-7

SHEET NO.
 351

Regular Exc.		Embankment	
A	V	A	V



1440	5314	234	771
------	------	-----	-----

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 RAMP D

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

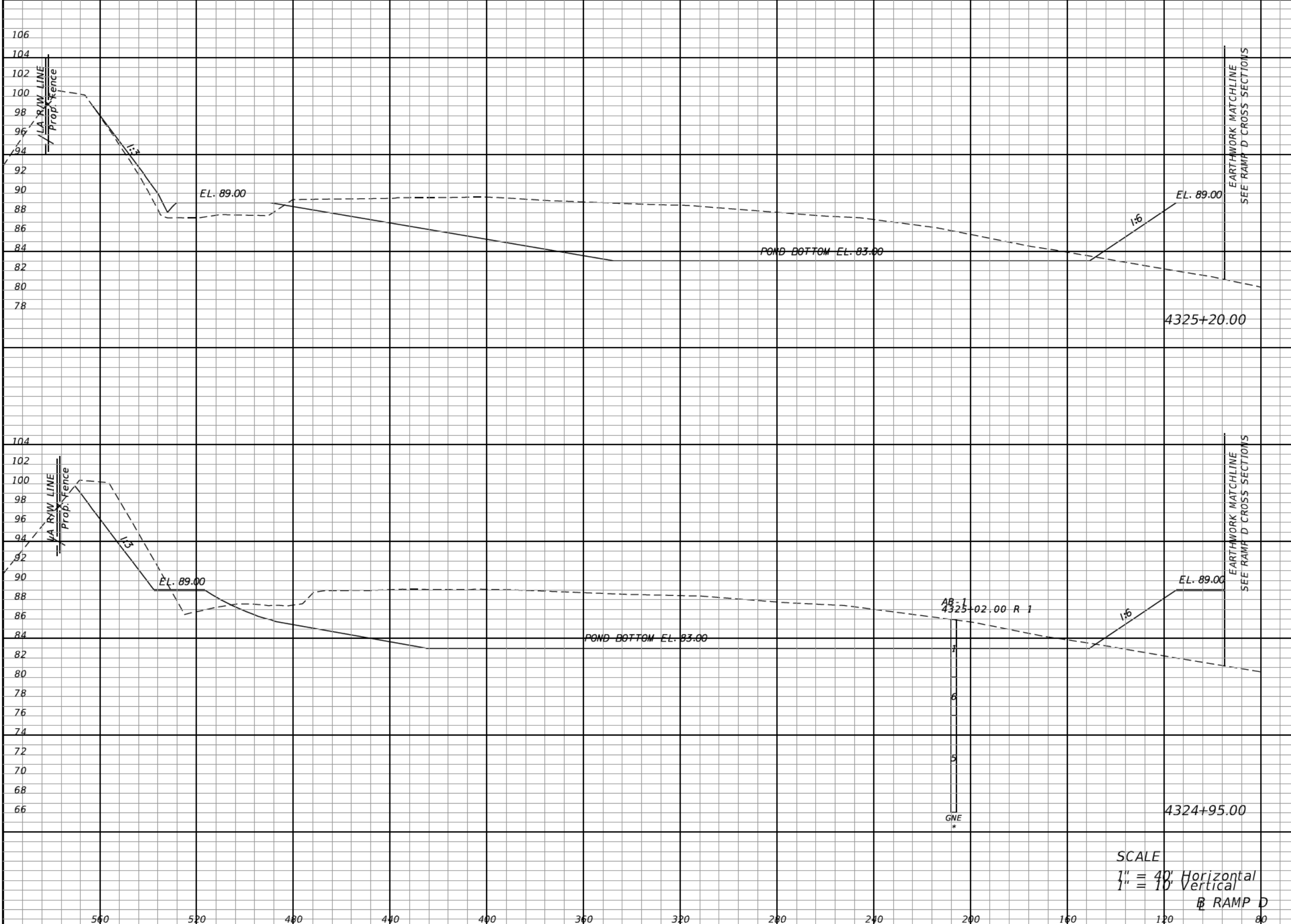
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ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-7

SHEET NO.
352



Regular		Exc.		Embankment	
A	V	A	V	A	V
1256			1329	349	302
1614			5656	302	992

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

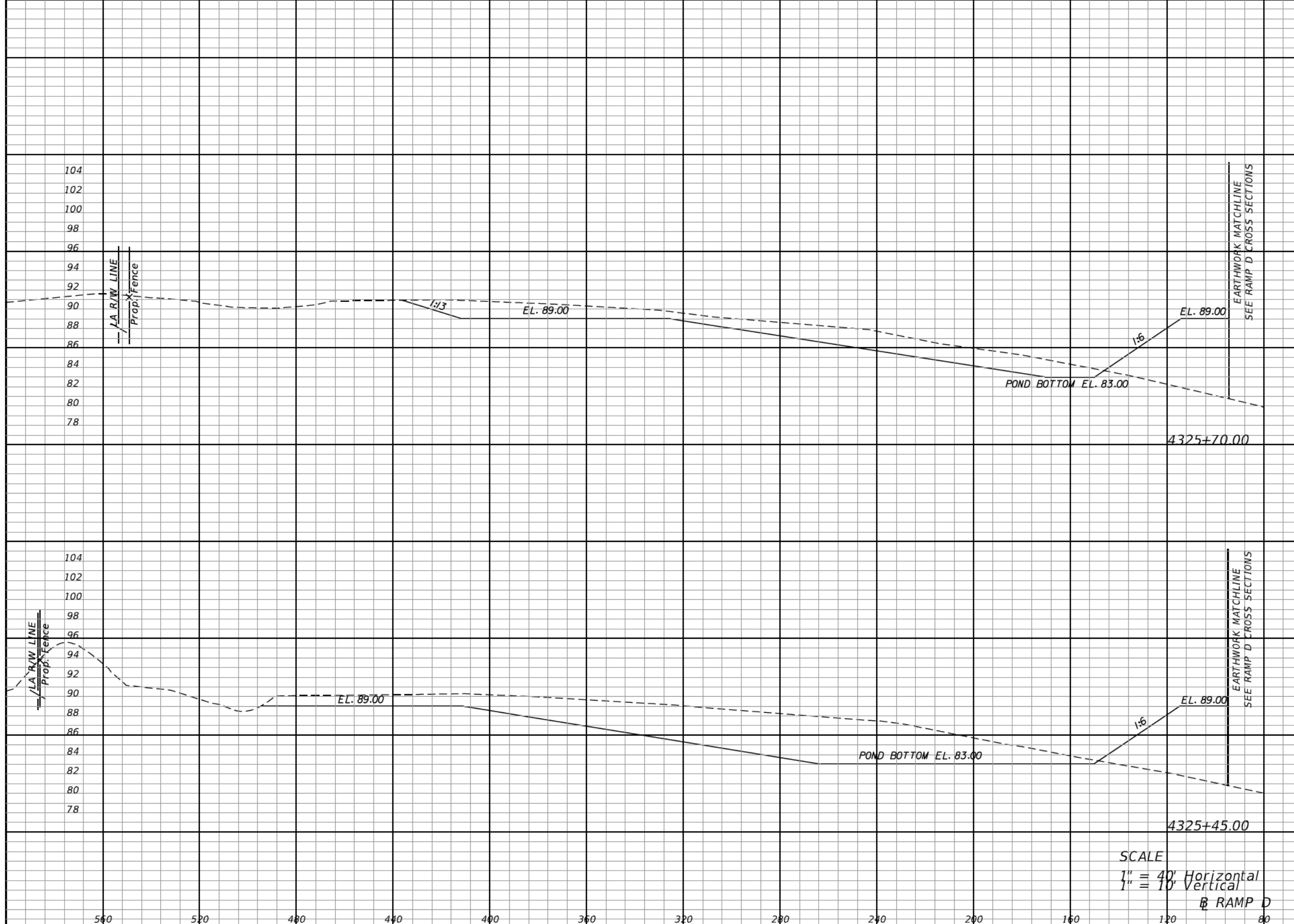
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 ROAD NO. SR 429
 PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-7

SHEET NO.
 353



Regular Exc.		Embankment	
A	V	A	V
421	615	265	249
907	1002	272	288

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 RAMP D

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

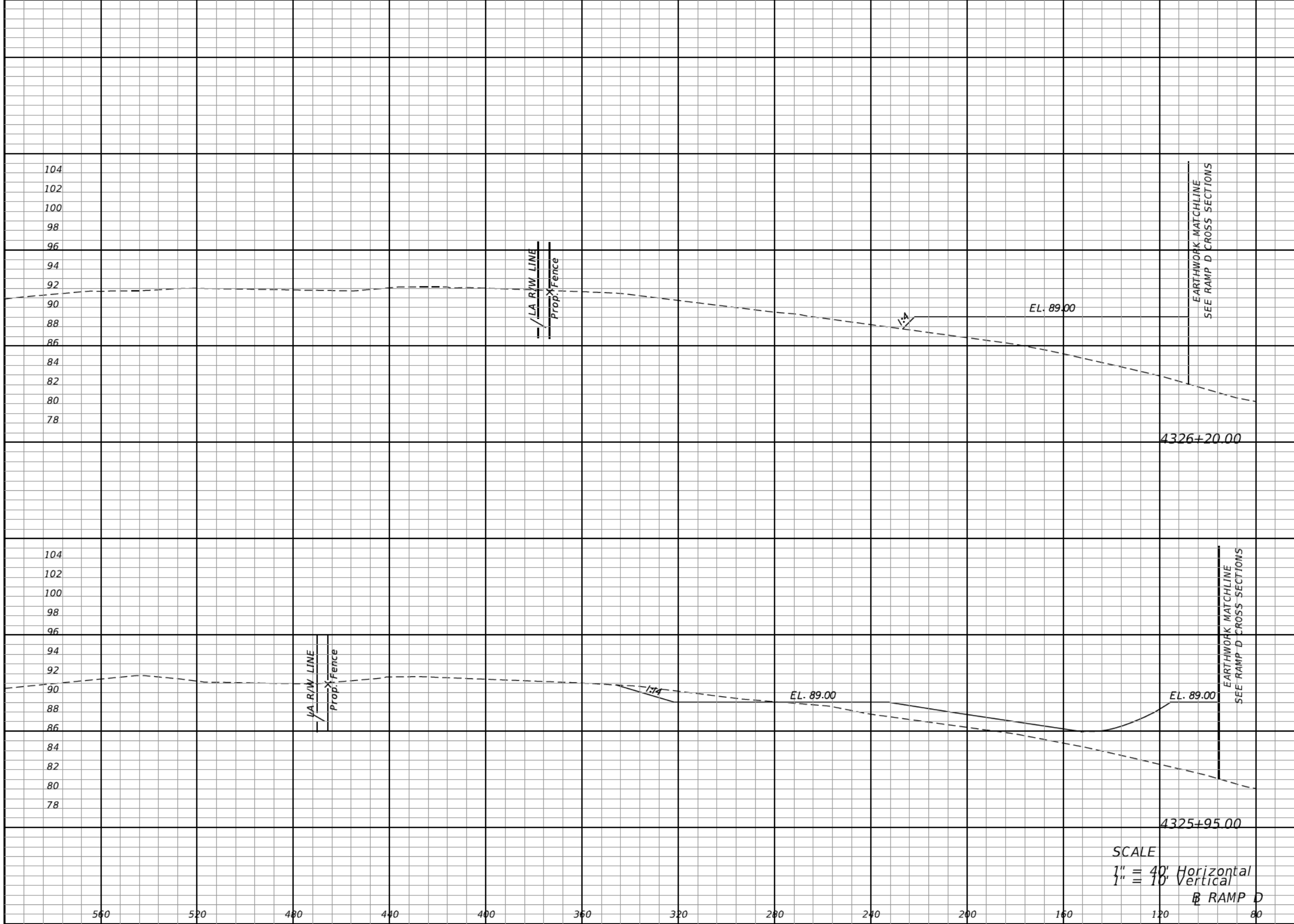
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ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-7

SHEET NO.
 354



Regular Exc.		Embankment	
A	V	A	V
0	19	433	394
40	213	418	316

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

RAMP D

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 ROAD NO. SR 429
 PROJECT NO. 429-203

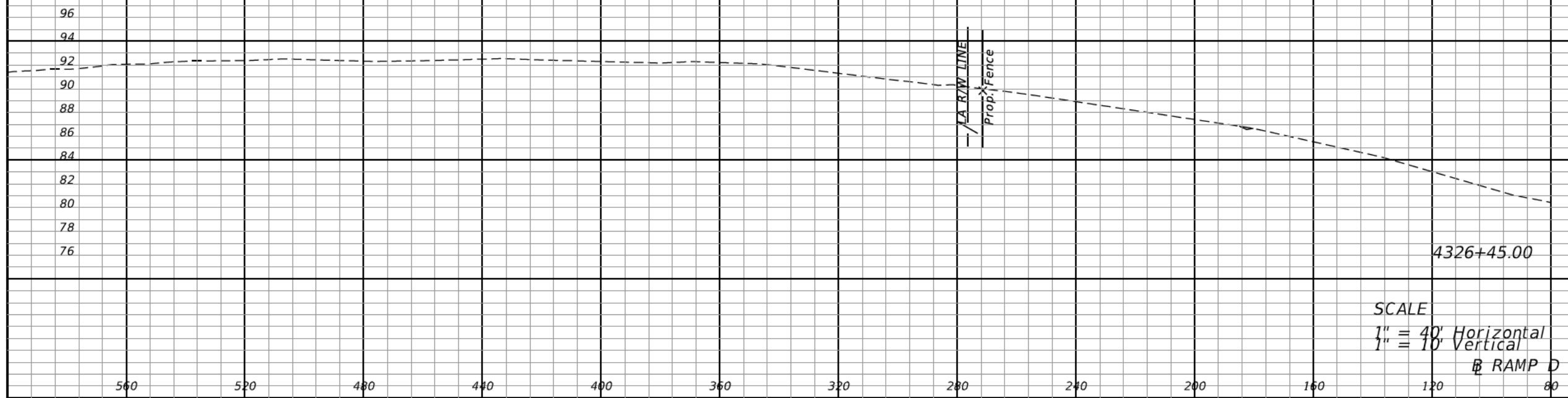


POND CROSS SECTIONS
POND 203-7

SHEET NO.
 355

Regular Exc.		Embankment	
A	V	A	V

SUMMARY OF EARTHWORK POND 203-7		
DESCRIPTION	CY	
	P	F
EXCAVATION	46,889	
EMBANKMENT	7,748	



0	0	0	200
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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

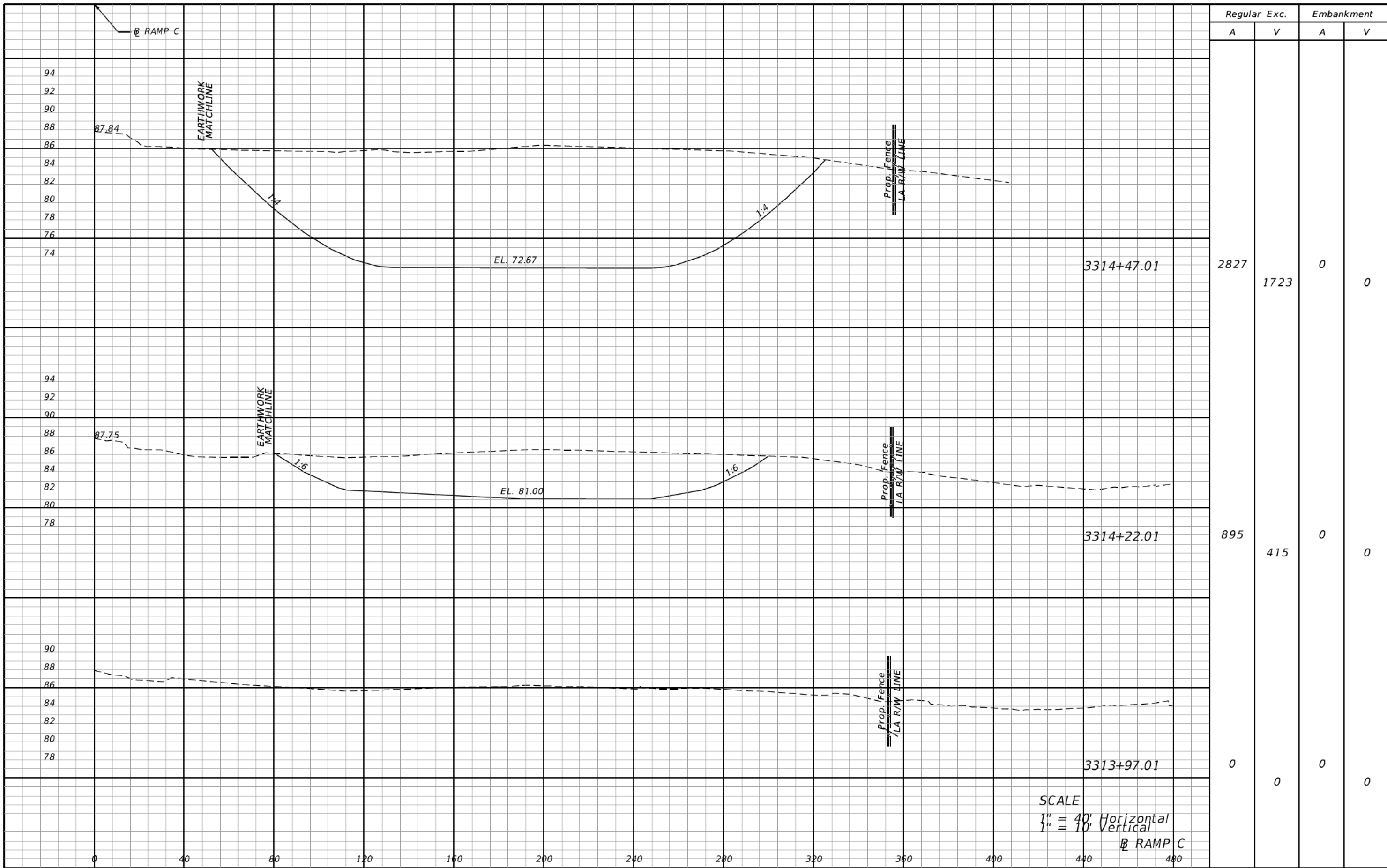
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ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-7

SHEET NO.
356



Regular		Exc.		Embankment	
A	V	A	V	A	V
2827	1723	0	0	0	0
895	415	0	0	0	0
0	0	0	0	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

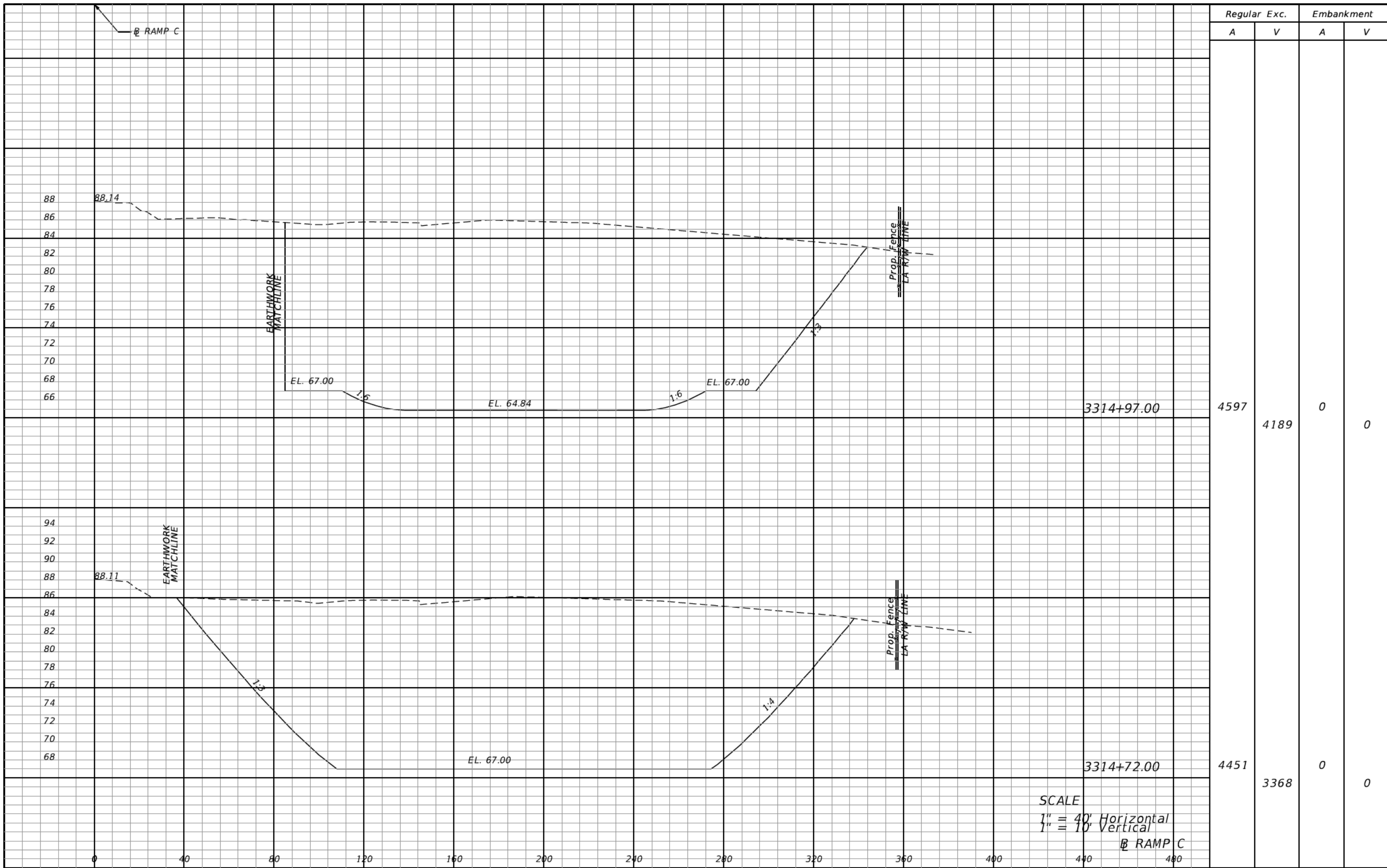
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-8

SHEET NO.
 357



Regular		Exc.		Embankment	
A	V	A	V	A	V
4597			4189	0	0
4451			3368	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 @ RAMP C

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

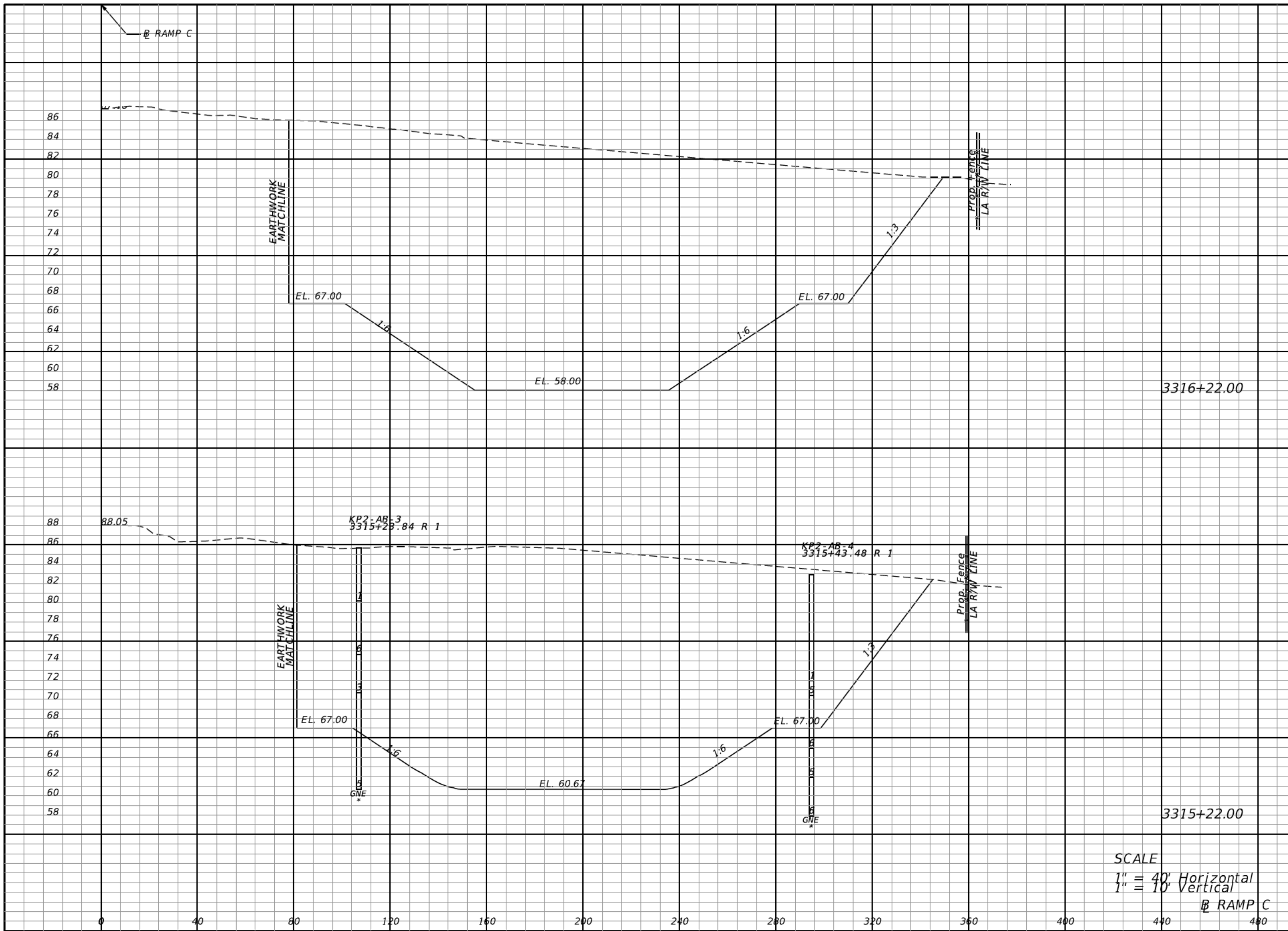
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ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-8

SHEET NO.
 358



Regular Exc.		Embankment	
A	V	A	V
5262	19324	0	0
5172	4523	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 RAMP C

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

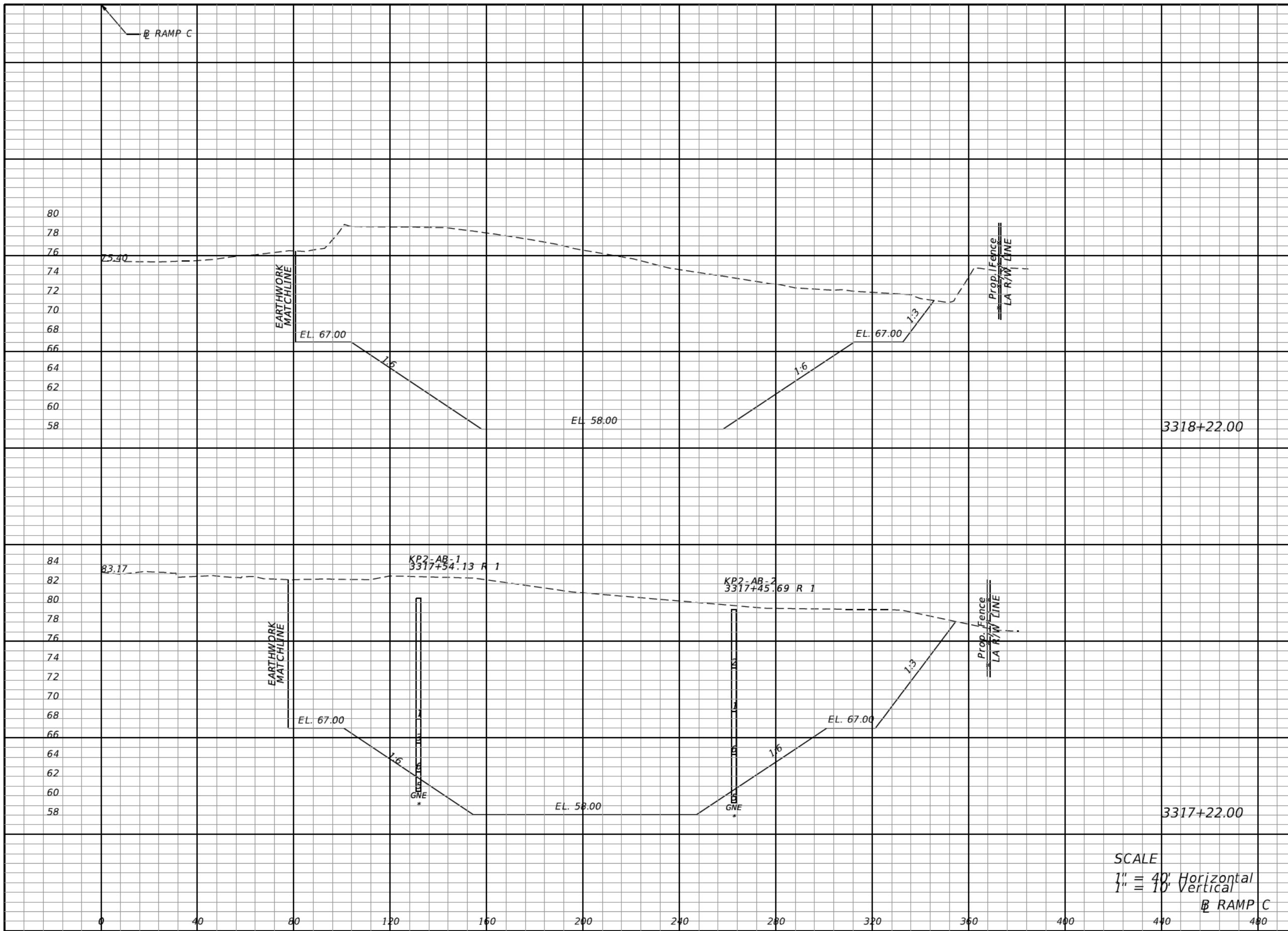
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 ROAD NO. SR 429
 PROJECT NO. 429-203



POND CROSS SECTIONS
POND 203-8

SHEET NO.
 359



Regular		Exc.		Embankment	
A	V	A	V	A	V
3642	15929	0	0	0	0
4960	18929	0	0	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 @ RAMP C

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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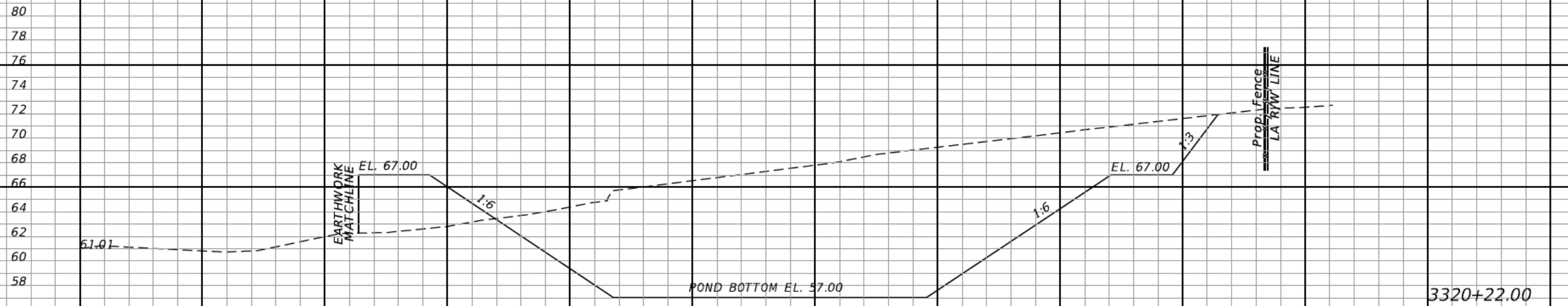
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



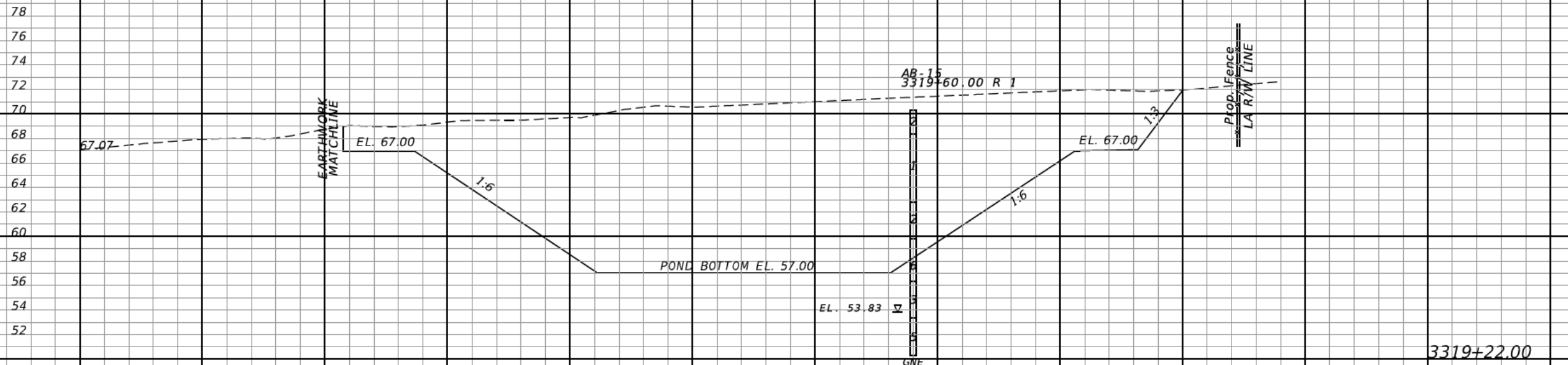
POND CROSS SECTIONS
POND 203-8

SHEET NO.
 360

Regular		Exc.		Embankment	
A	V	A	V	A	V



1817	8039	153	283
------	------	-----	-----



2524	11419	0	0
------	-------	---	---

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

RAMP C

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

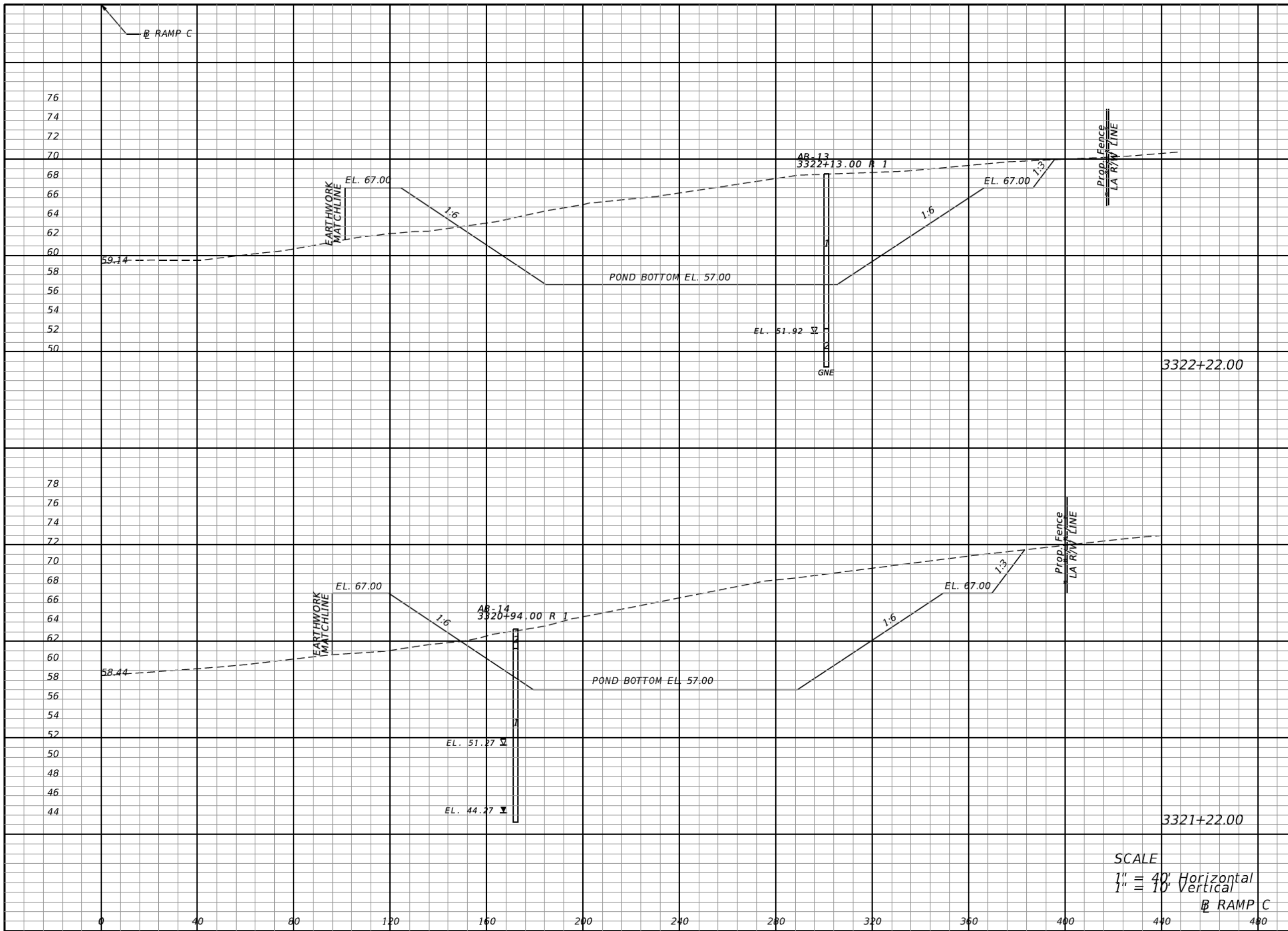
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ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND 203-8

SHEET NO.
361



Regular		Exc.		Embankment	
A	V	A	V	A	V
1790	6398	173	750		
1665	6448	232	712		

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 RAMP C

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 www.balmoralgroup.us
 Certificate of Authorization No. 26123
 E.O.R.: Gregory S. Seidel, P.E. No. 47571

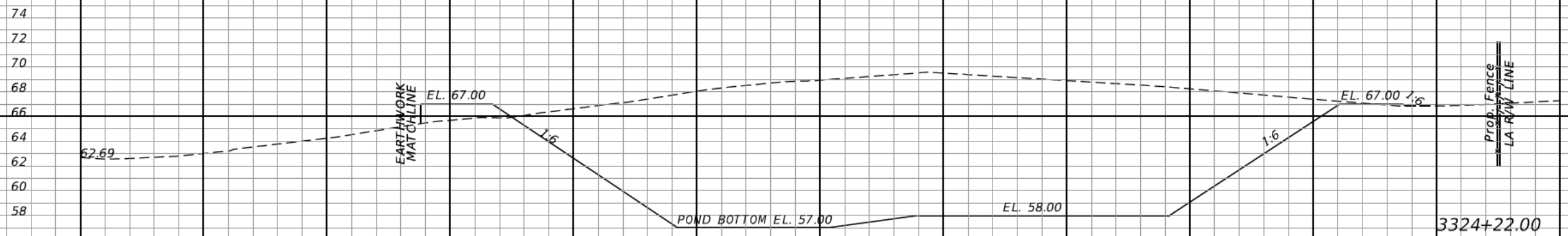
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



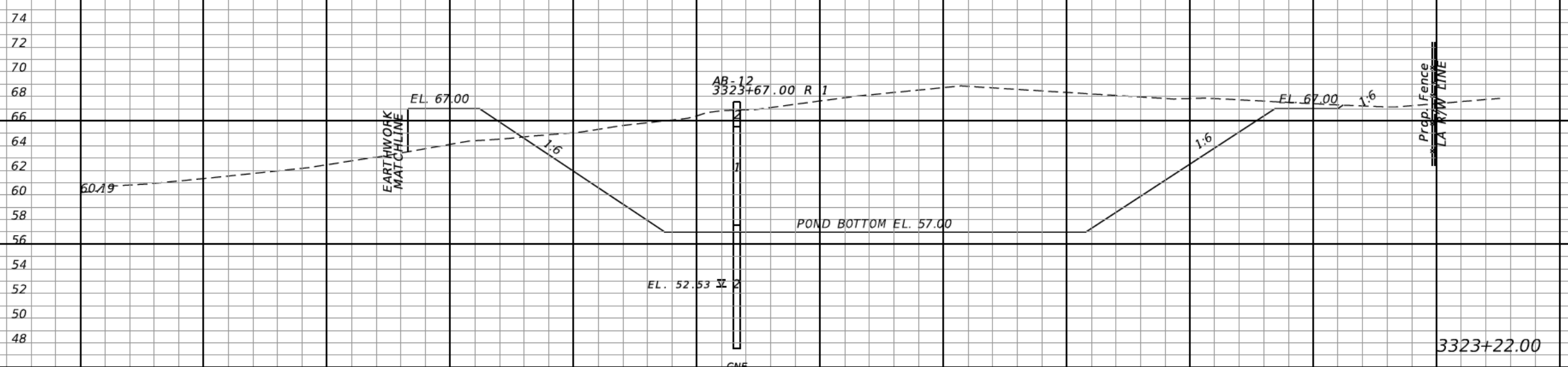
POND CROSS SECTIONS
POND 203-8

SHEET NO.
 362

Regular		Exc.		Embankment	
A	V	A	V	A	V



2388		34	
	8228		225



2054		88	
	6398		484

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

RAMP C

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

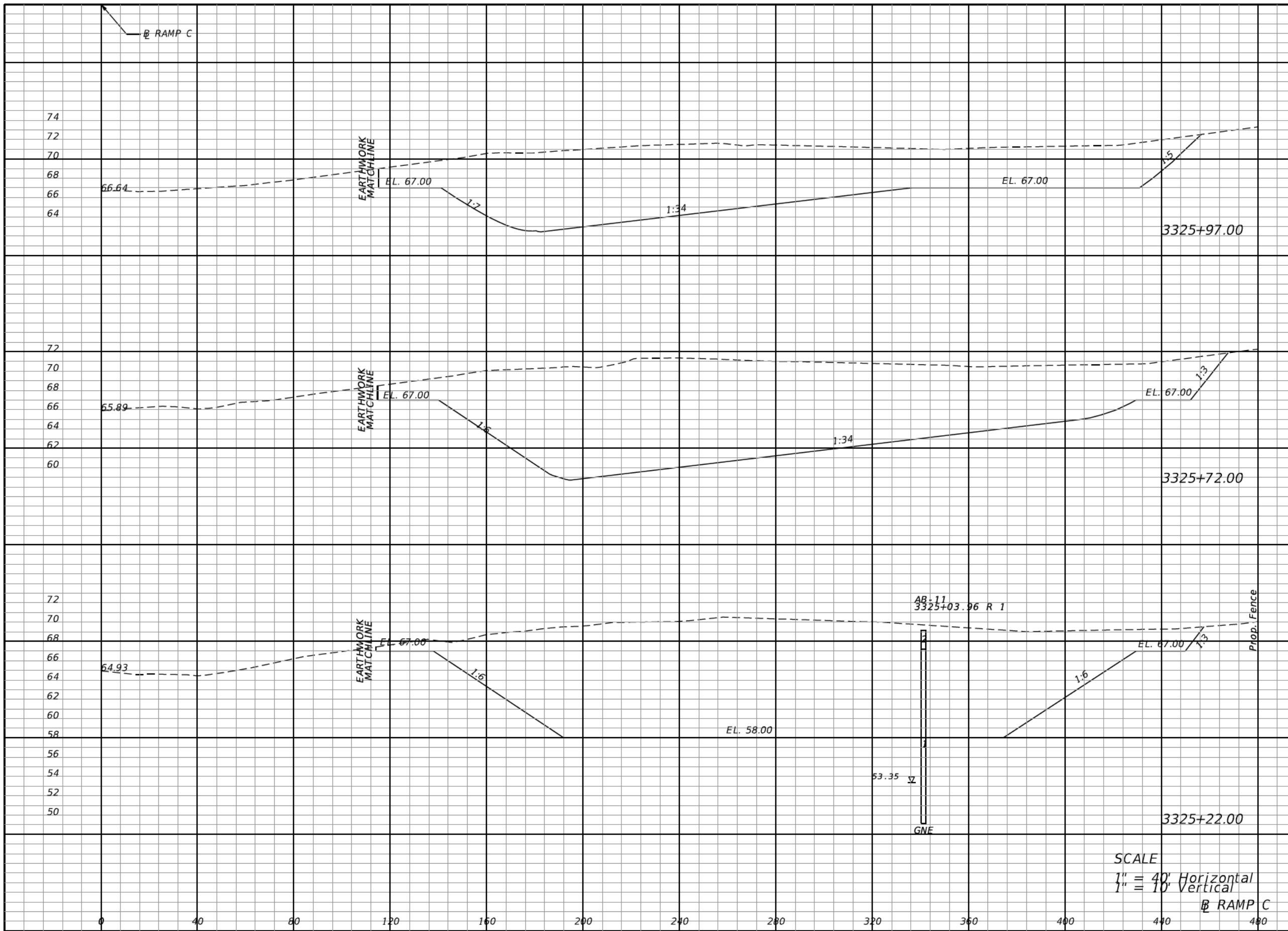
The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 www.balmoralgroup.us
 Certificate of Authorization No. 26123
 E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
 POND 203-8

SHEET NO.
363



Regular		Exc.		Embankment	
A	V	A	V	A	V
1793	2034	0	0	0	0
2600	5146	0	0	0	0
2957	9899	0	63	0	63

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 Phone: (407) 629-2185
 www.balmoralgroup.us
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 E.O.R.: Gregory S. Seidel, P.E. No. 47571

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



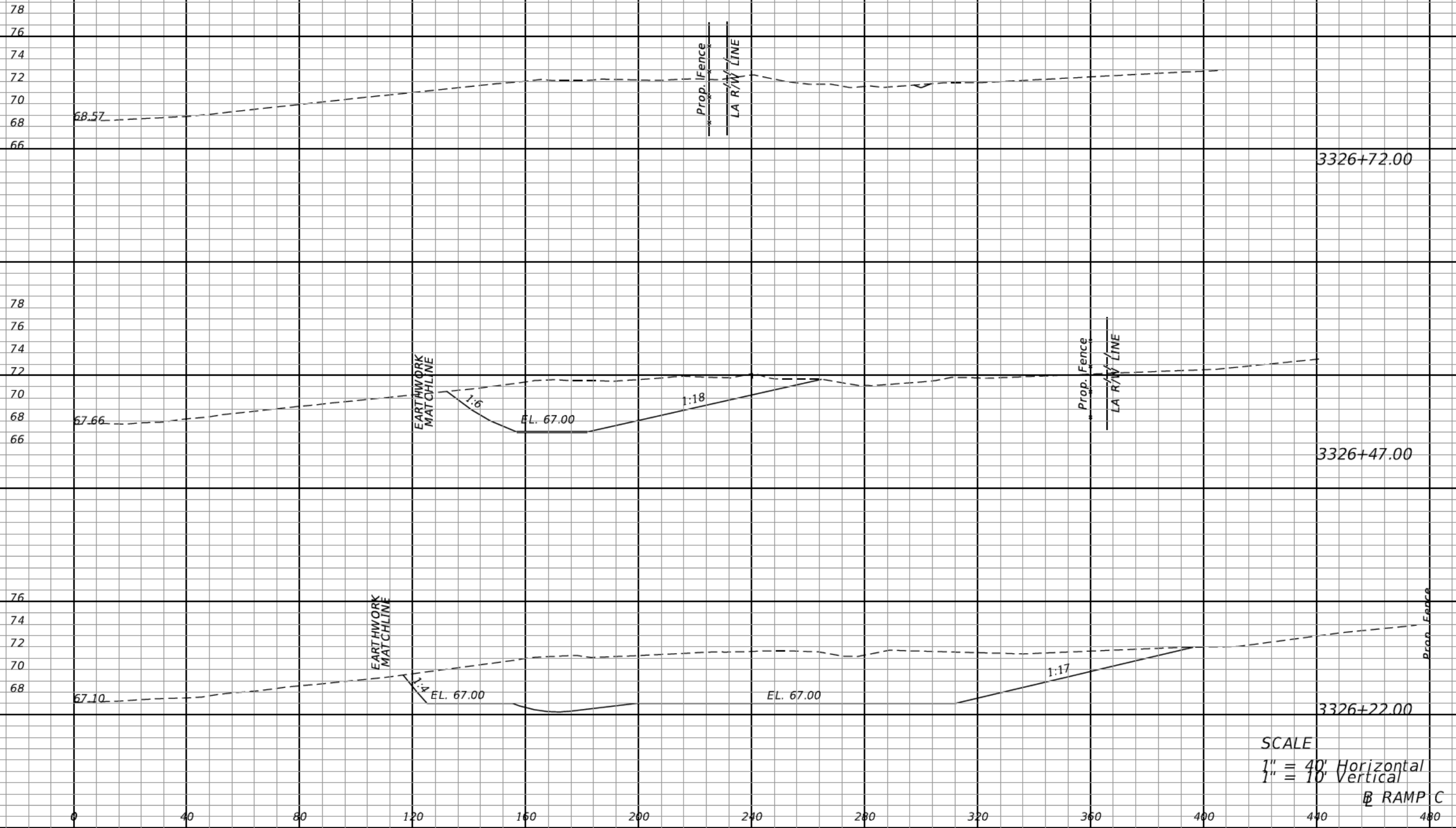
POND CROSS SECTIONS
POND 203-8

SHEET NO.
 364

Regular Exc. Embankment

A V A V

SUMMARY OF EARTHWORK POND 203-8		
DESCRIPTION	CY	
	P	F
EXCAVATION	135,232	
EMBANKMENT	2,517	



1	173	0	0
372	635	0	0
999	1293	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 RAMP C

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

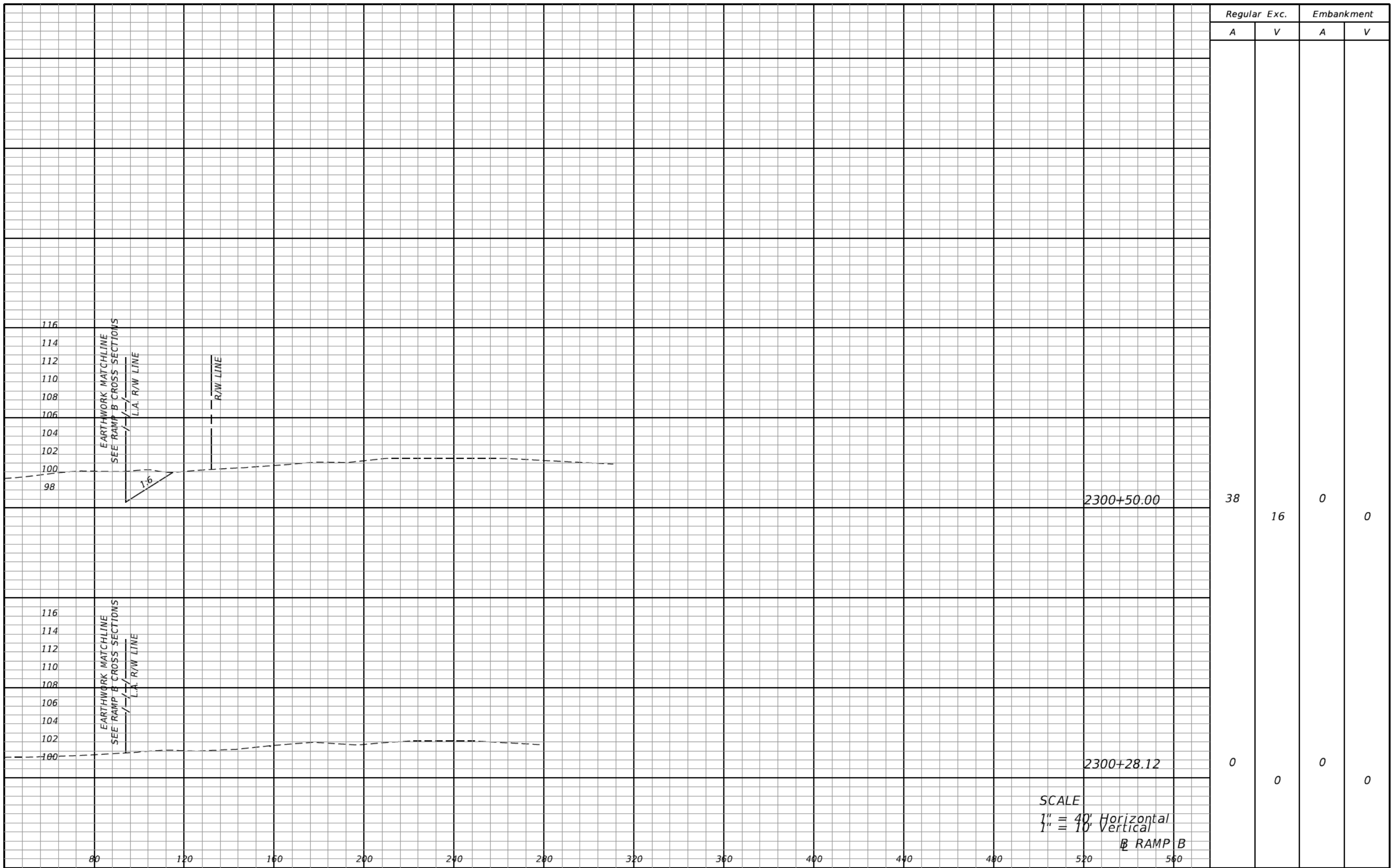
The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 www.balmoralgroup.us
 Certificate of Authorization No. 26123
 E.O.R.: Gregory S. Seidel, P.E. No. 47571

**CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY**
 ROAD NO. PROJECT NO.
 SR 429 429-203



**POND CROSS SECTIONS
 POND 203-8**

SHEET NO.
 365



Regular Exc.		Embankment	
A	V	A	V
38	16	0	0
0	0	0	0

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CLAYTON J. LEE, P.E.
P.E. LICENSE NUMBER 44032
DEWBERRY / BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

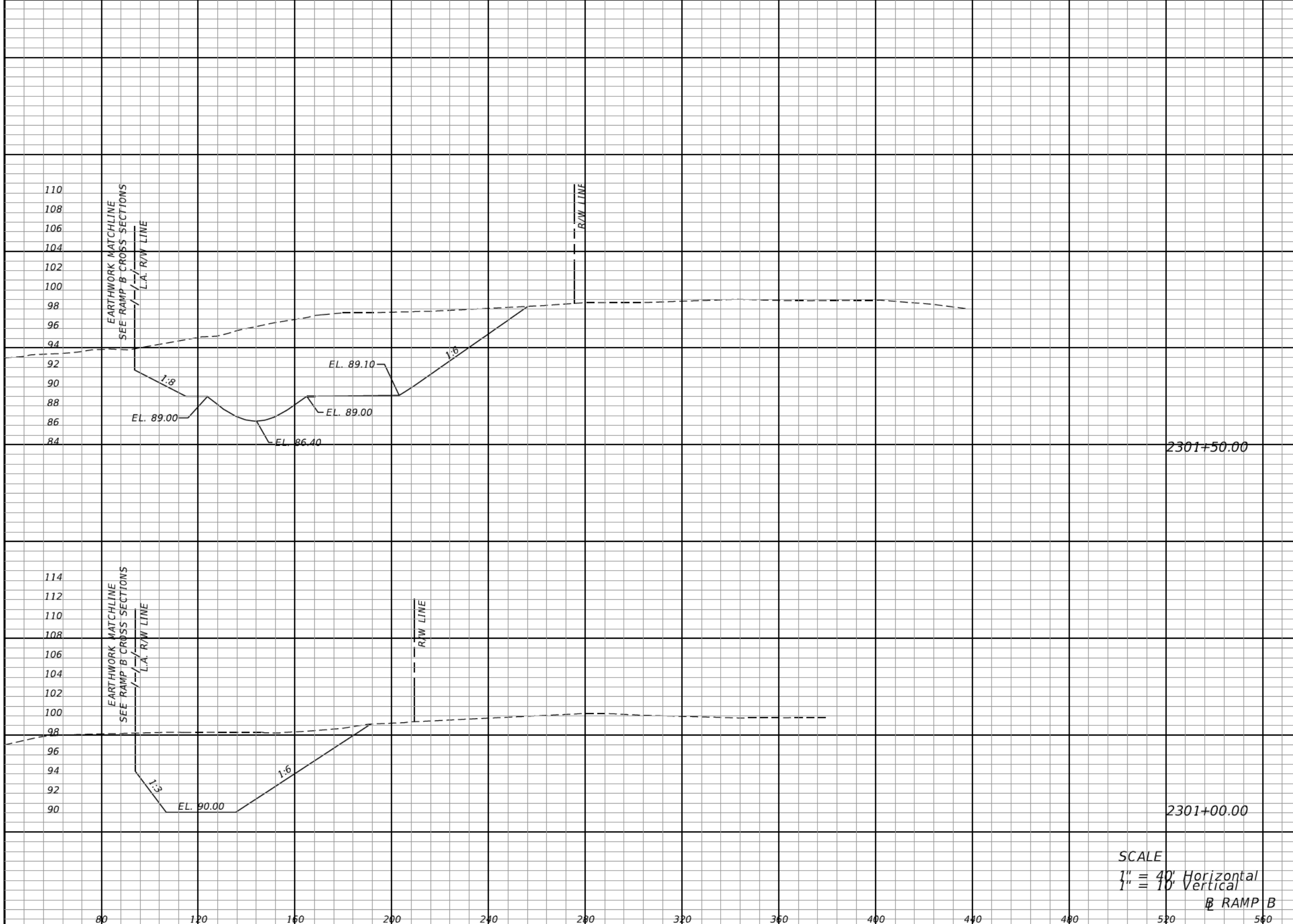
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



POND CROSS SECTIONS
POND KP-1B

SHEET NO.
366



Regular Exc.		Embankment	
A	V	A	V
1055	1472	0	0
535	531	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 @ RAMP B

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

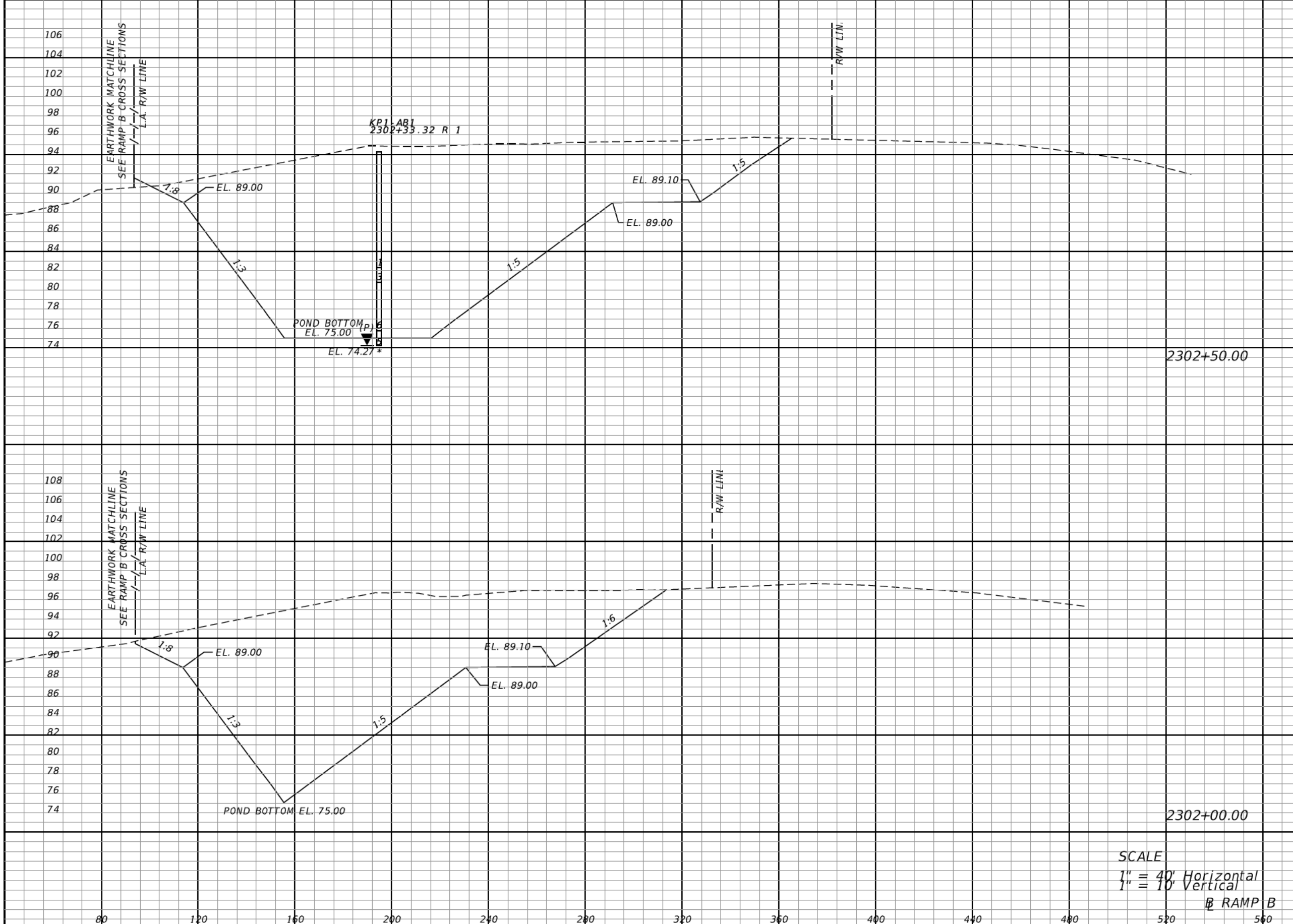
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY / BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



POND CROSS SECTIONS
POND KP-1B

SHEET NO.
 367



Regular		Exc.		Embankment	
A	V	A	V	A	V
2940	4633	0	0	0	0
2065	2888	0	0	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 @ RAMP B

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

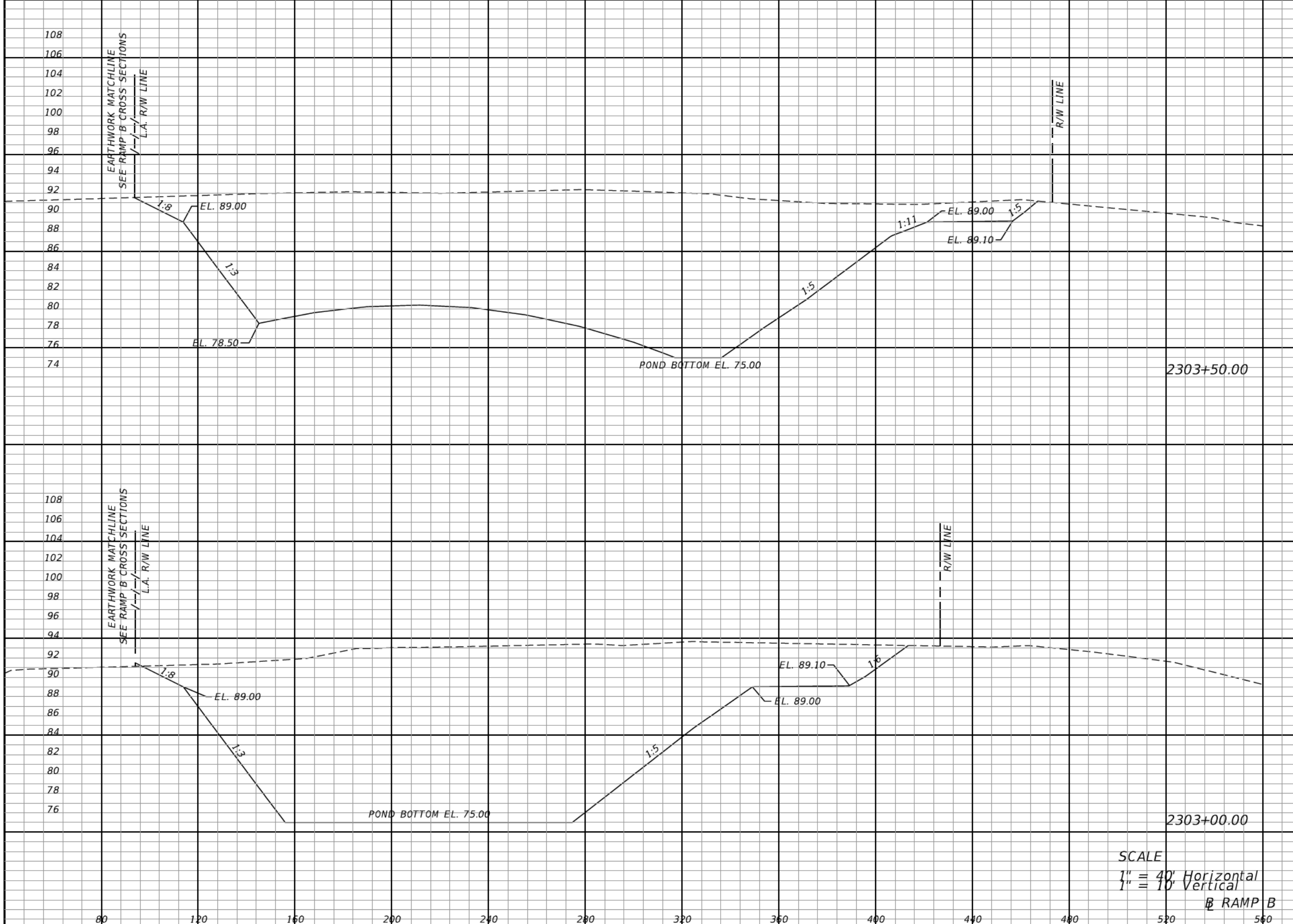
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY / BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



**POND CROSS SECTIONS
 POND KP-1B**

SHEET NO.
 368



Regular		Exc.		Embankment	
A	V	A	V	A	V
3677	6758	0	0	0	0
3623	6076	0	0	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 @ RAMP B

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY / BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

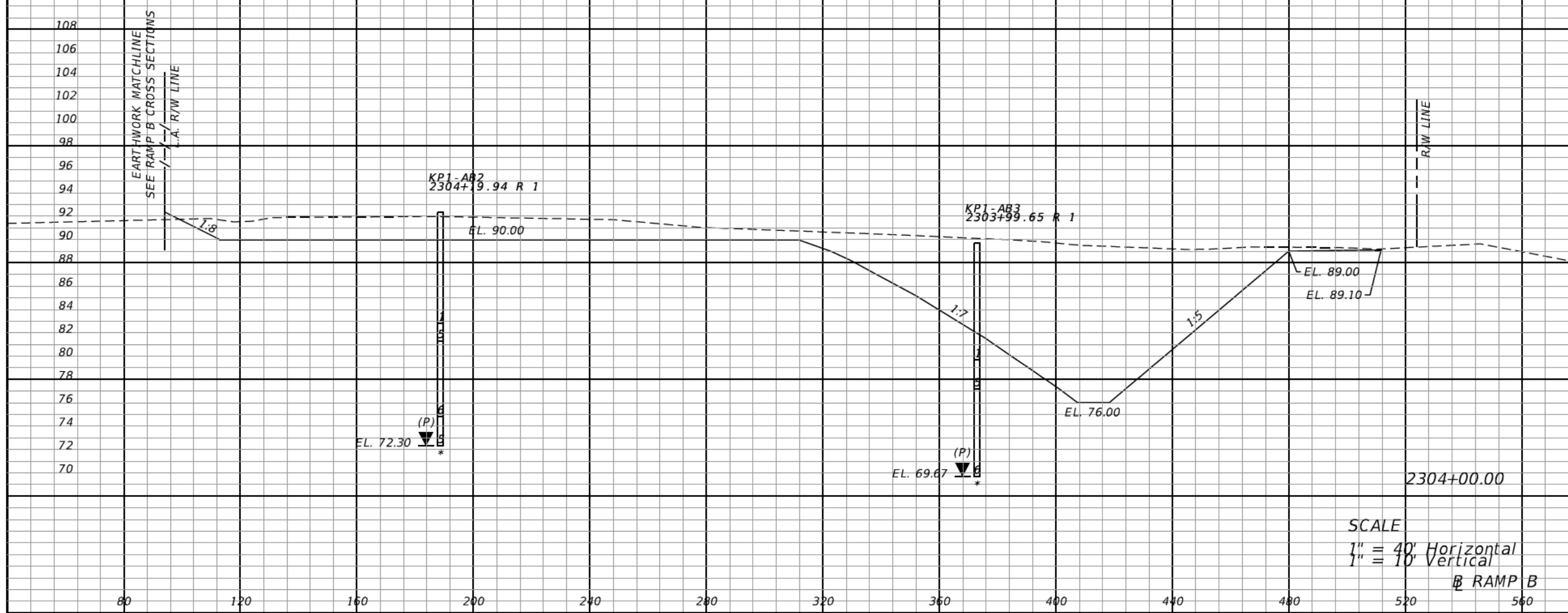
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



**POND CROSS SECTIONS
 POND KP-1B**

SHEET NO.
 369

Regular Exc.		Embankment	
A	V	A	V



Regular Exc.		Embankment	
A	V	A	V
1548	4838	0	0

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 @ RAMP B

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

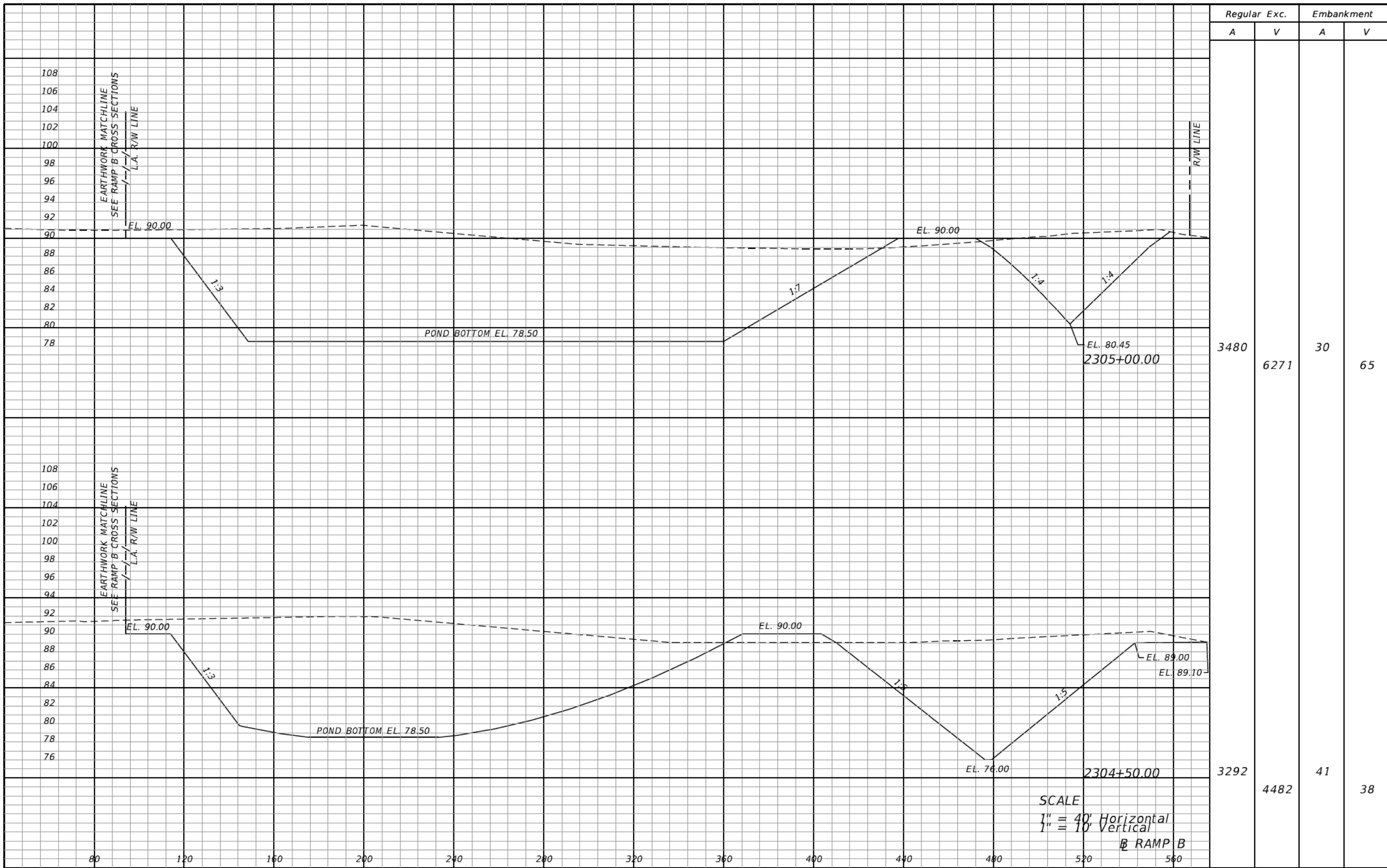
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY / BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



**POND CROSS SECTIONS
 POND KP-1A & POND KP-1B**

SHEET NO.
 370



Regular Exc.		Embankment	
A	V	A	V
3480	6271	30	65
3292	4482	41	38

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 @ RAMP B

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

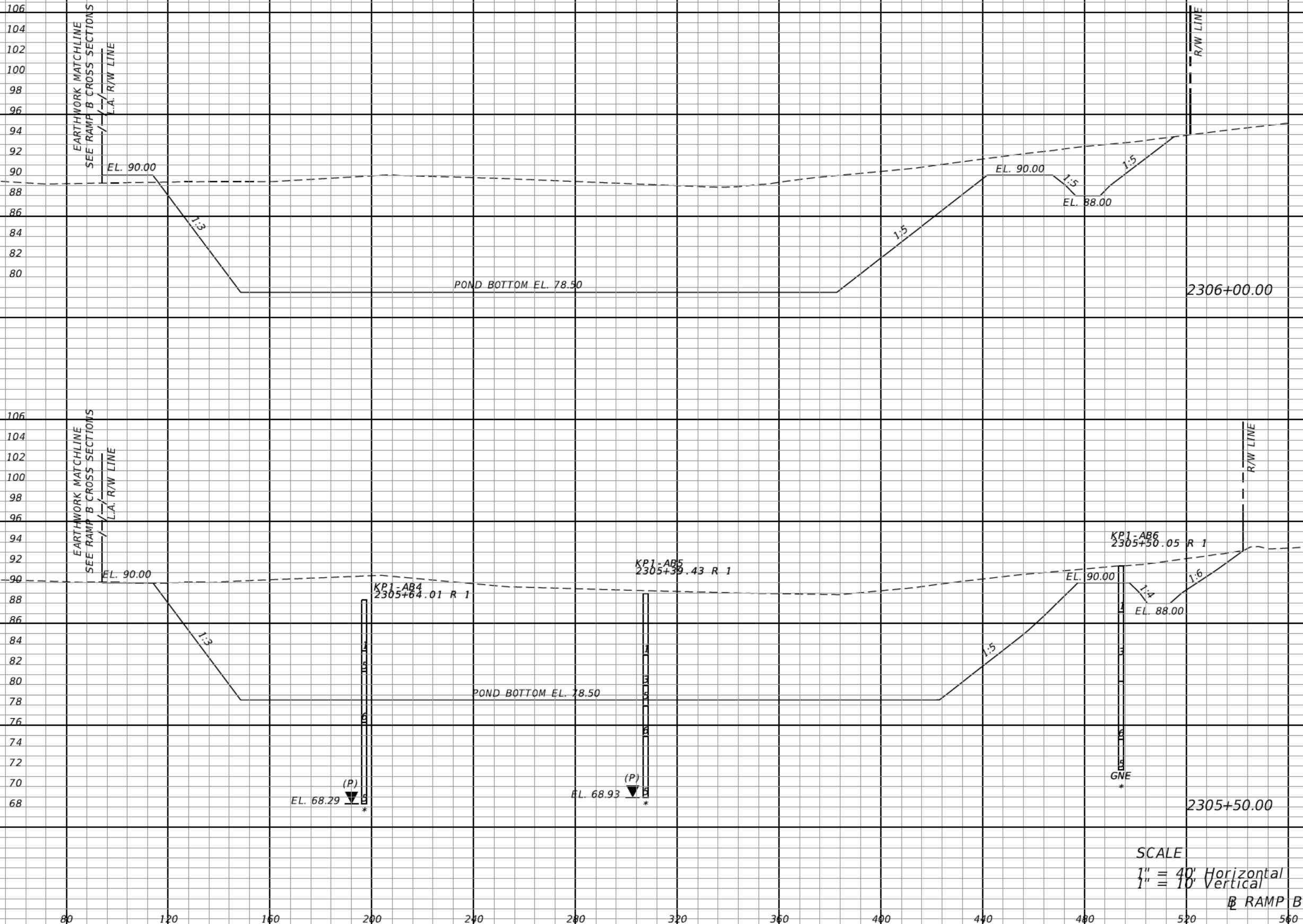
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY / BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



**POND CROSS SECTIONS
 POND KP-1A & POND KP-1B**

SHEET NO.
 371



Regular		Exc.		Embankment	
A	V	A	V	A	V
3326	6563	15	14		
3762	6706	0	28		

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 @ RAMP B

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

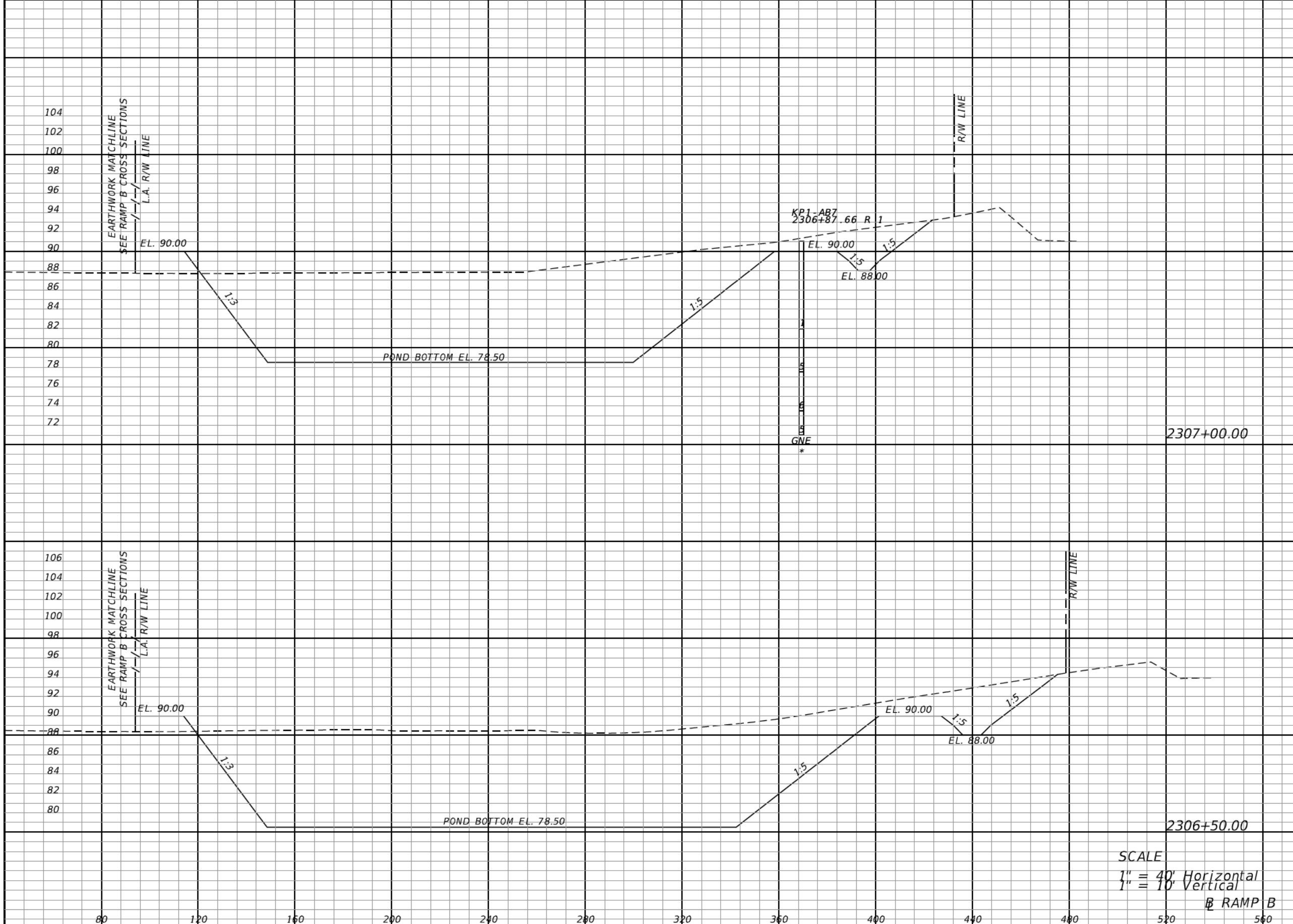
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY / BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
 POND KP-1A**

SHEET NO.
 372



Regular		Exc.		Embankment	
A	V	A	V	A	V
2046	4328	54	84		
2628	5513	36	48		

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 @ RAMP B

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

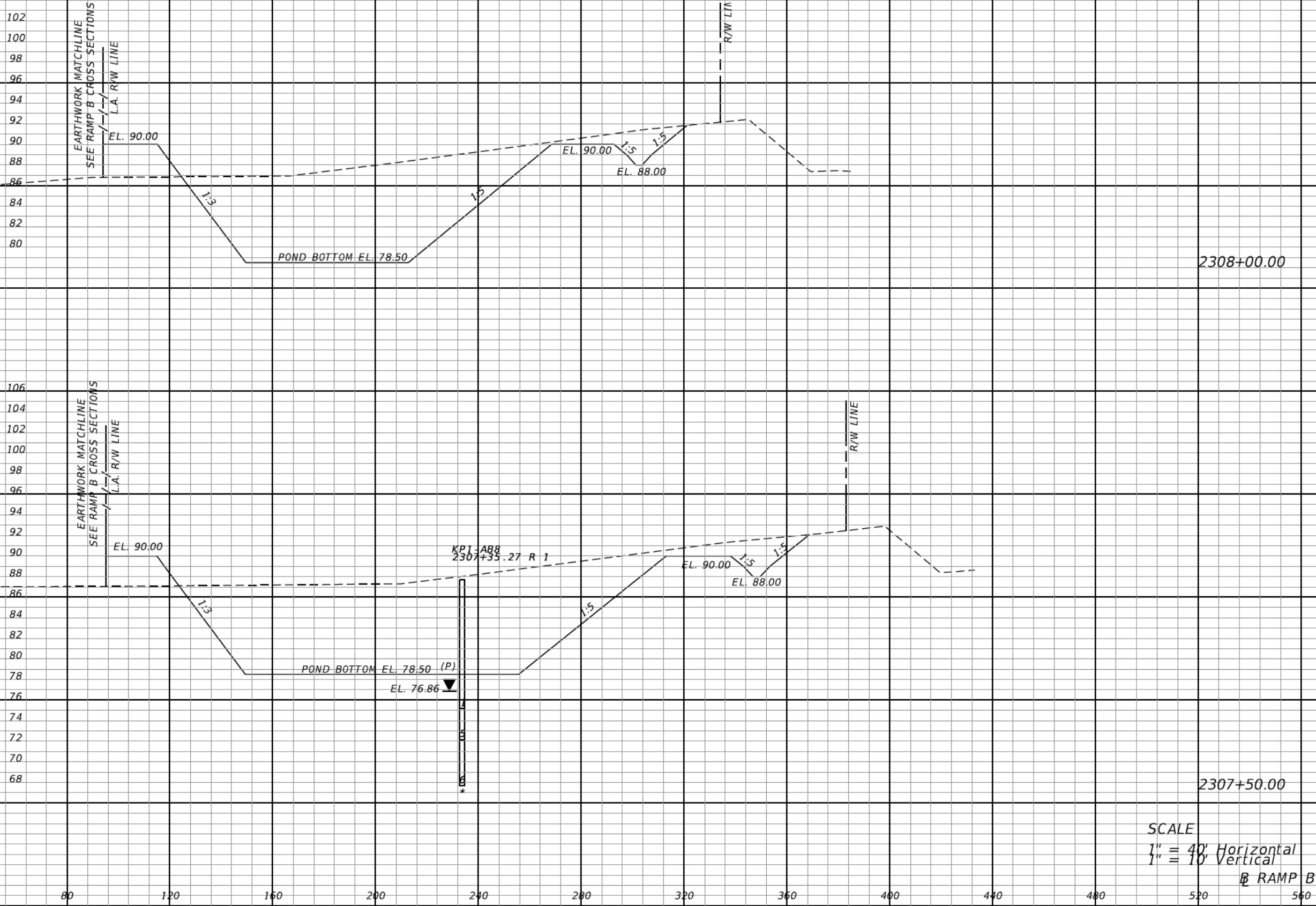
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY / BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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 ROAD NO. SR 429
 PROJECT NO. 429-203



**POND CROSS SECTIONS
 POND KP-1A**

SHEET NO.
 373



Regular Exc.		Embankment	
A	V	A	V
1021	2308	83	142
1472	3257	70	116

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 @ RAMP B

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

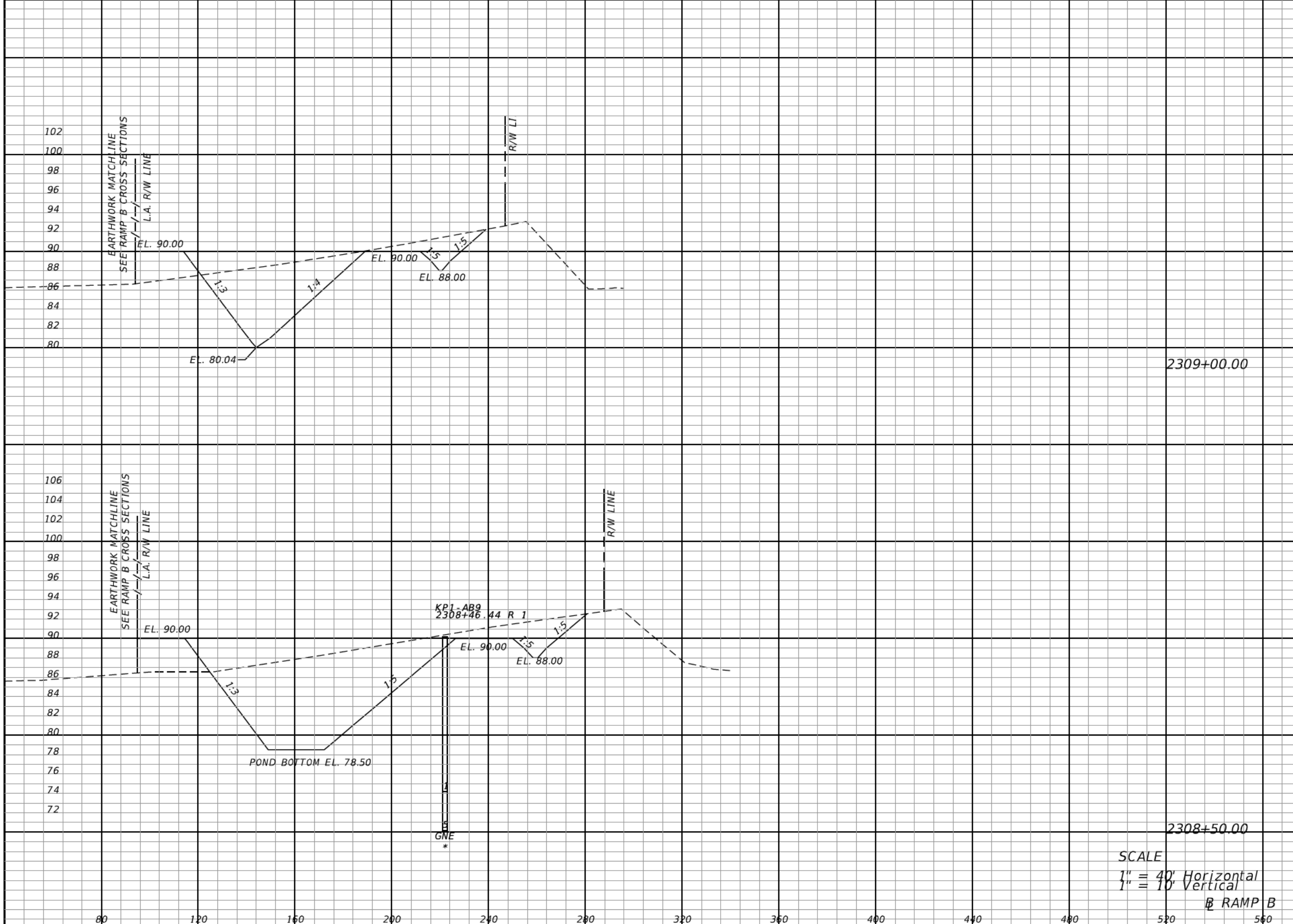
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY / BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203



**POND CROSS SECTIONS
 POND KP-1A**

SHEET NO. 374



Regular Exc.		Embankment	
A	V	A	V
348	966	71	145
695	1589	86	156

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 @ RAMP B

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

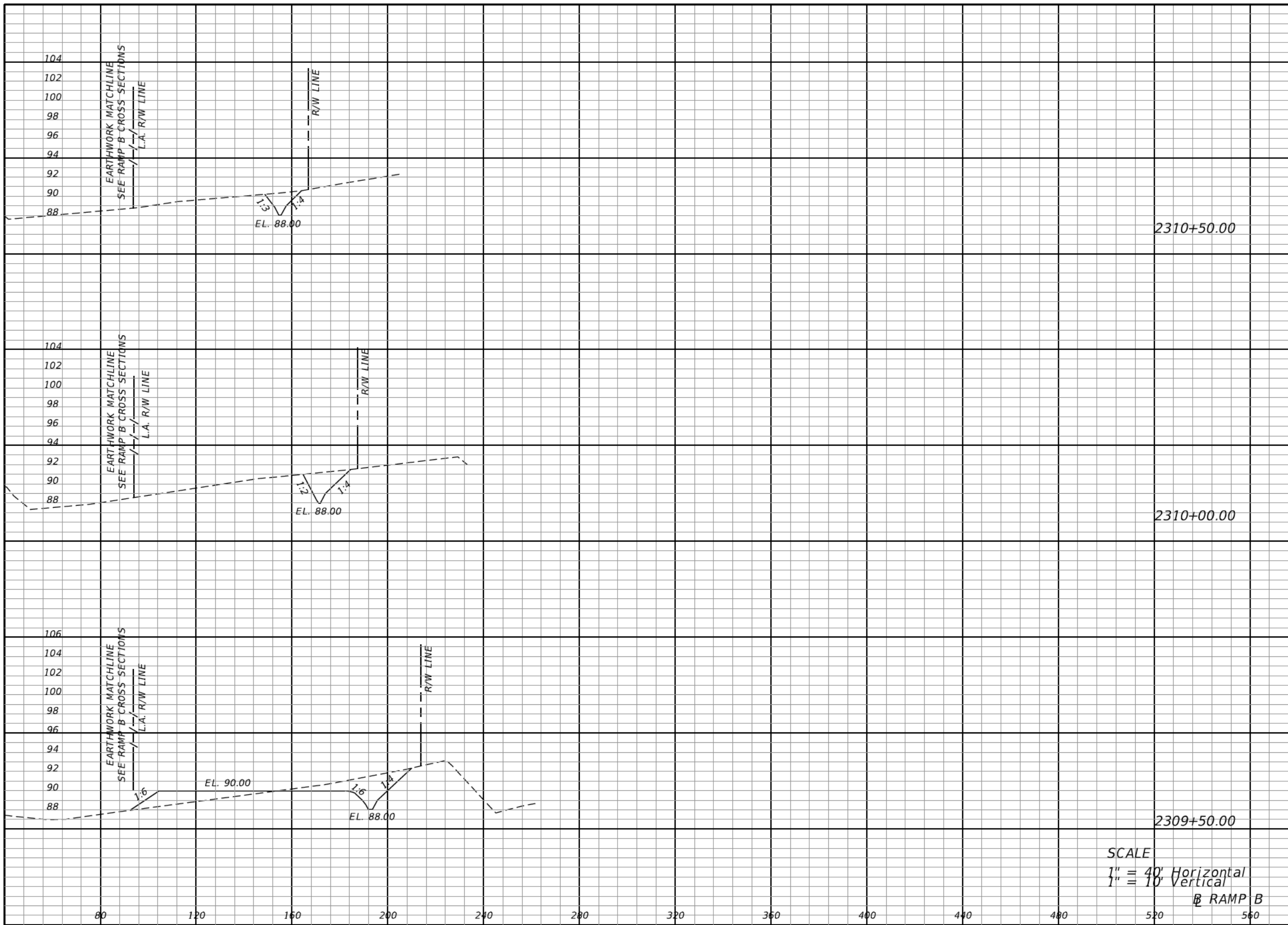
CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY / BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



**POND CROSS SECTIONS
 POND KP-1A**

SHEET NO.
 375



Regular Exc.		Embankment	
A	V	A	V
17	44	0	0
30	86	0	47
62	380	51	113

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical
 @ RAMP B

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY / BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**POND CROSS SECTIONS
 POND KP-1A**

SHEET NO.
 376

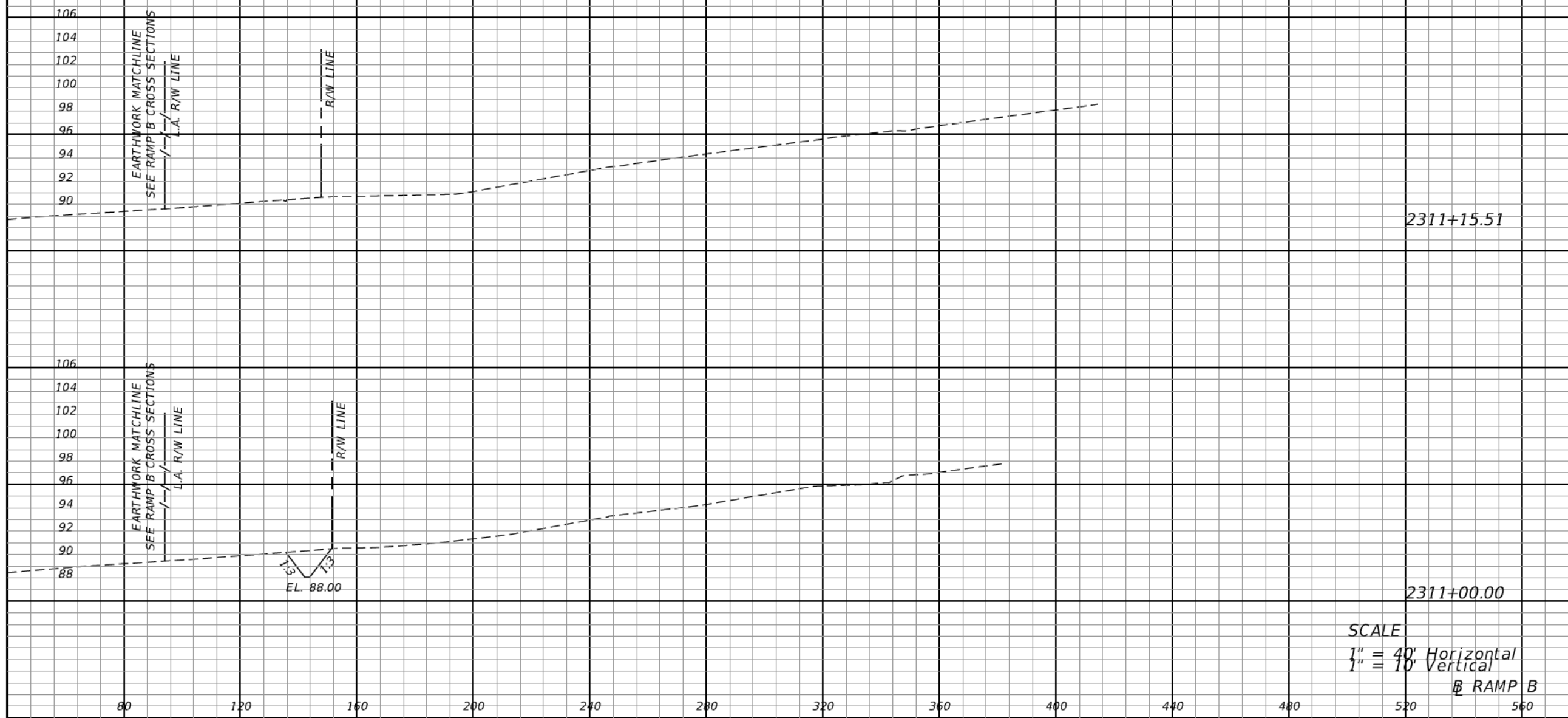
Regular Exc. Exc. Embankment

A V A V

SUMMARY OF EARTHWORK

POND KP-1A & POND KP-1B

DESCRIPTION	CY	
	P	F
EXCAVATION	69,745	
EMBANKMENT	1003	



0	6	0	0
20	34	0	0

REVISIONS			
DATE	BY	DESCRIPTION	

CLAYTON J. LEE, P.E.
 P.E. LICENSE NUMBER 44032
 DEWBERRY / BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO. SR 429	PROJECT NO. 429-203
--------------------	------------------------



POND CROSS SECTIONS
POND KP-1A

SHEET NO.
377

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
MATERIALS AND RESEARCH

DATE OF SURVEY: 08/12-03/13
SURVEY MADE BY: BOWDEN, TATE, WILLIAMS, TINDEL, BRACKINS
SUBMITTED BY: COLIN T. JEWSBURY, P.E.

OOCEA PROJECT NO. 429-203

DISTRICT: OOCEA
ROAD NO.: 429
COUNTIES: ORANGE


CROSS SECTION OF SOIL SURVEY
SR 429 N. OF PONKAN ROAD TO N. OF KELLY PARK ROAD
SURVEY BEGINS STA. : 212+81 (SR 429) SURVEY ENDS STA. : 335+36 (SR 429)

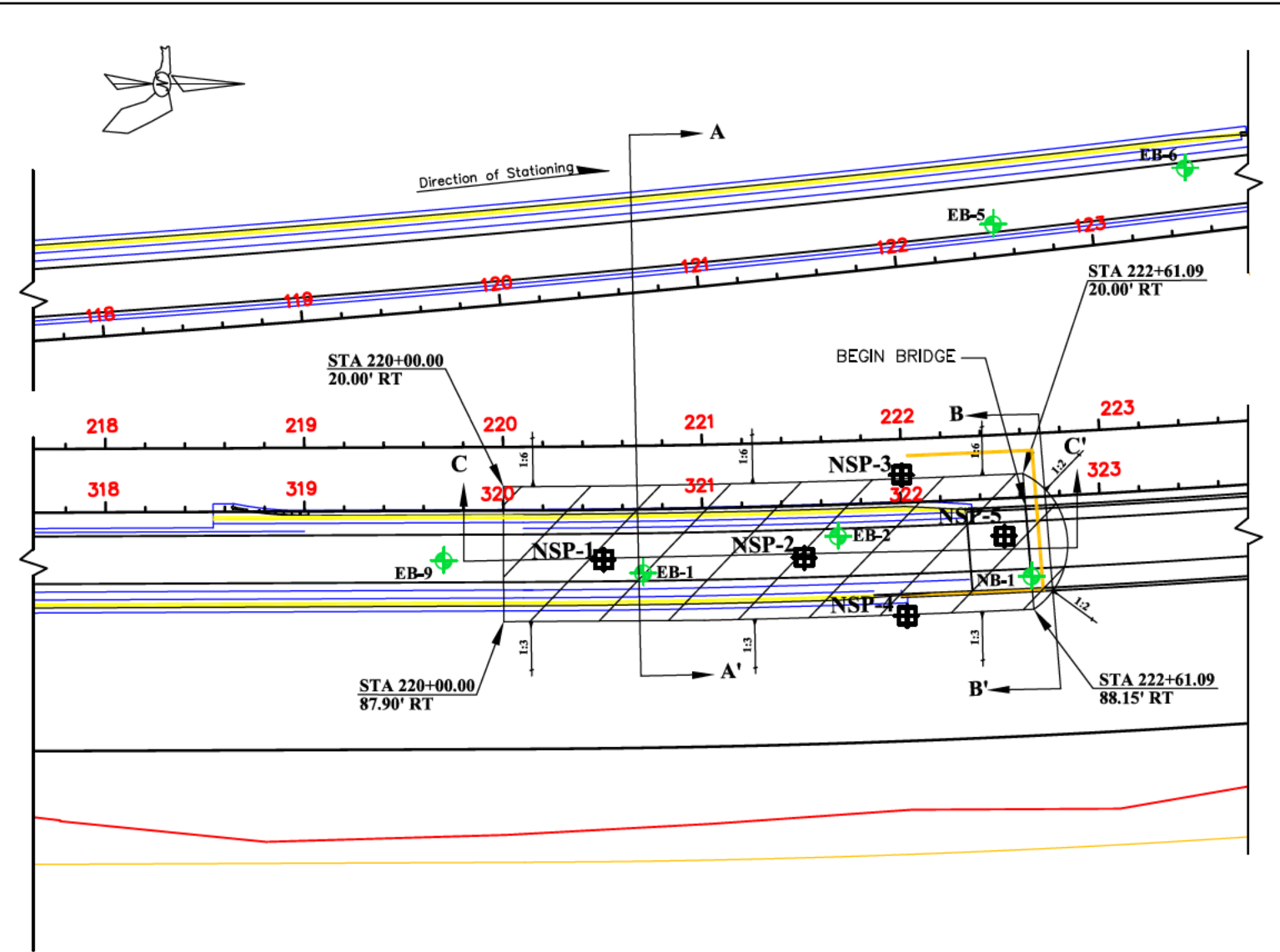
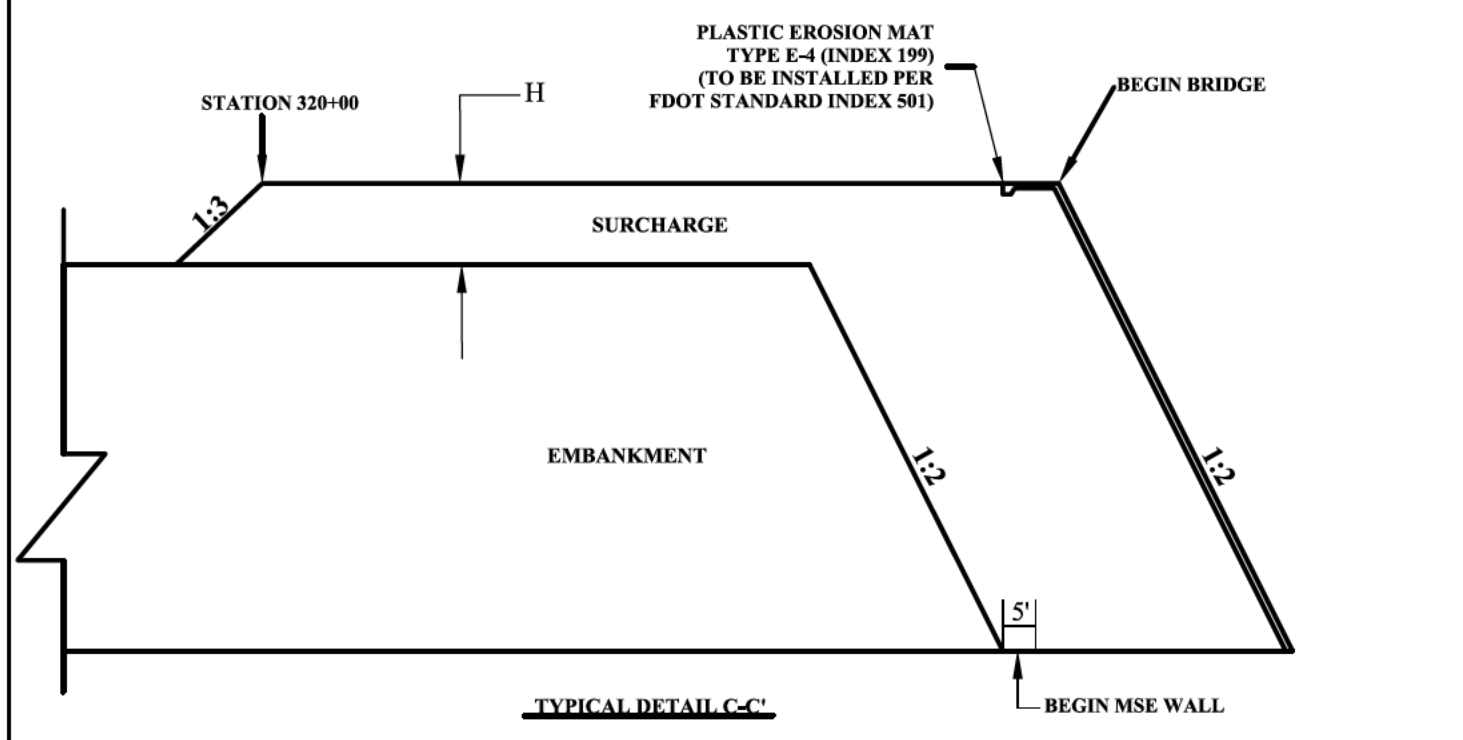
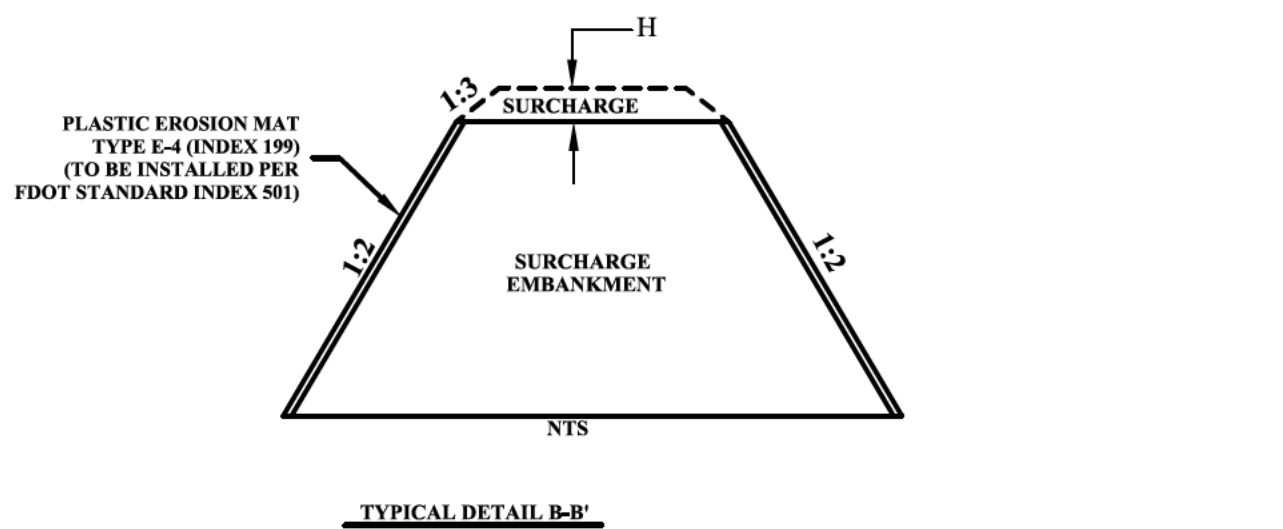
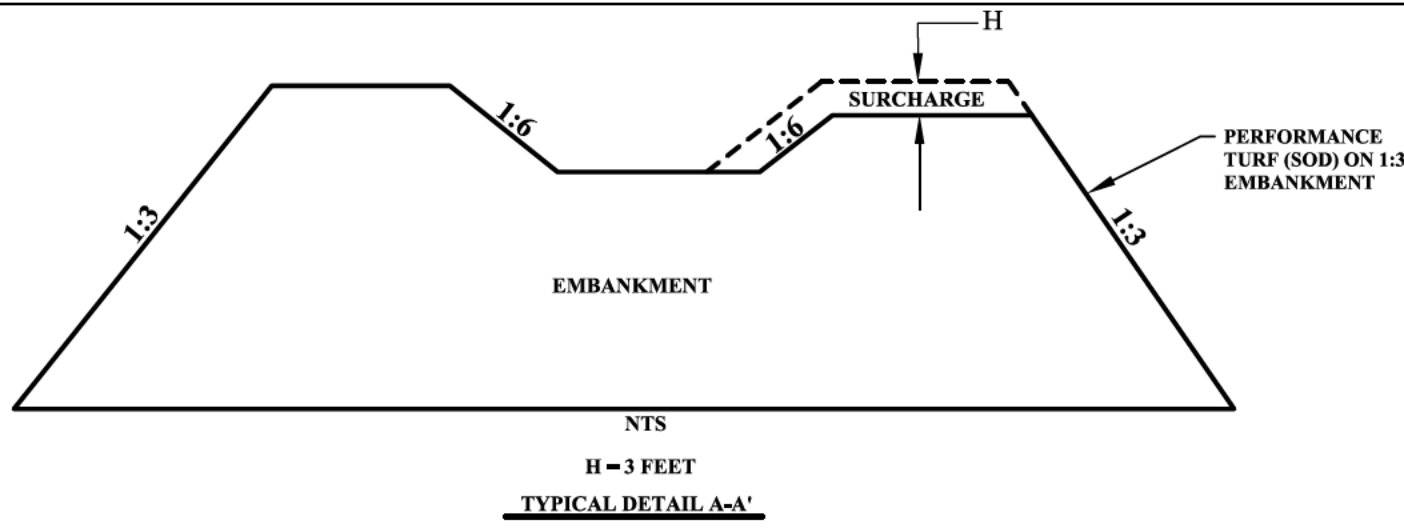
STRATUM NO.	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS PERCENTAGE PASSING					ATTERBERG LIMITS (%)			SOIL CLASSIFICATION	DESCRIPTION	CORROSION TEST RESULTS					
	NO. OF TESTS	% ORGANIC	NO. OF TESTS	% MOISTURE	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT			PLASTICITY INDEX	NO. OF TESTS	RESISTIVITY ohms cm	CHLORIDE ppm	SULFATES ppm	pH
1	3	0-2	3	3-6	17	100	94-98	72-85	19-34	0-5	0	--	--	A-3	LIGHT BROWN TO DARK BROWN, GRAYISH BROWN, ORANGE-BROWN OR LIGHT GRAY TO GRAY FINE SAND TO FINE SAND WITH SILT, OCCASIONAL TRACE ORGANIC MATERIAL	8	22,272-57,143	15	12-68	5.2-6.2
2	1	4	1	9	5	100	95-99	73-92	28-41	6-13	0	--	--	A-3 A-2-4	BROWN TO VERY DARK BROWN OR GRAY TO DARK GRAY FINE SAND WITH SILT TO SILTY FINE SAND, OCCASIONAL TRACE ORGANIC MATERIAL	0	--	--	--	--
3	0	0	1	16	7 (1)	100	92-99	94-96	27-63	7-19	1	NP	NP	A-3 A-2-4	LIGHT BROWN TO BROWN, GRAYISH BROWN, ORANGE-BROWN OR LIGHT GRAY TO GRAY FINE SAND WITH CLAY TO CLAYEY FINE SAND OR SILTY CLAYEY FINE SAND	1	29,412	15	24.6	4.9
4	0	0	0	--	0	--	--	--	--	--	--	--	--	A-8	DARK TO VERY DARK BROWN MUCKY FINE SAND TO MUCK	0	--	--	--	--
5	0	0	7	12-18	6 (6)	100	96-99	87-98	46-90	21-32	7	25-33	11-18	A-2-6	LIGHT BROWN TO BROWN, ORANGE-BROWN, LIGHT GRAY TO GRAY OR GREENISH GRAY CLAYEY FINE SAND	0	--	--	--	--
6	0	0	11	17-48	7 (7)	98-100	90-99	82-98	63-93	37-85	11	45-128	28-99	A-7-5 A-7-6	LIGHT BROWN TO BROWN, ORANGE-BROWN, LIGHT GRAY TO GRAY OR GREENISH GRAY CLAYEY FINE SAND TO CLAY	1	12,210	15	2.4	4.8

EMBANKMENT AND SUBGRADE MATERIAL

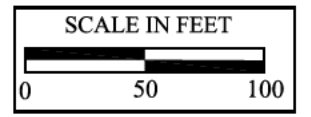
STRATA BOUNDARIES ARE APPROXIMATE, MAKE FINAL CHECK AFTER GRADING

- SOIL BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING LOCATION ONLY. ANY SUBSOIL CONNECTING LINES SHOWN ARE FOR ESTIMATING EARTHWORK ONLY AND DO NOT INDICATE ACTUAL STRATUM LIMITS. SUBSURFACE VARIATIONS BETWEEN BORINGS SHOULD BE ANTICIPATED AS INDICATED IN SECTION 2-4 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. FOR FURTHER DETAILS SEE SECTION 120-3.
- WATER TABLE SHOWN AS ▽ WHERE ENCOUNTERED AT TIME OF SURVEY. GNE DENOTES GROUNDWATER NOT ENCOUNTERED. ESTIMATED SEASONAL HIGH GROUNDWATER LEVELS SHOWN AS ∇. ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING SHOWN AS '*'.
- REMOVAL OF MUCK AND PLASTIC MATERIAL OCCURRING WITHIN THE ROADWAY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH INDEX NO. 500, UNLESS OTHERWISE SHOWN ON THE PLANS. THE MATERIAL USED IN EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH INDEX NO. 505 FOR FDOT DESIGN STANDARDS.
- SOIL PARAMETER NOT TESTED DENOTED AS "--" ABOVE.
- STRATA NOS. 1, 2 AND 3 SHALL BE TREATED AS SELECT (S) MATERIAL IN ACCORDANCE WITH FDOT INDEX 500 AND INDEX 505.
- STRATA NOS. 2 AND 3 MAY RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT.
- STRATUM NO. 4 SHALL BE TREATED AS MUCK (M) IN ACCORDANCE WITH FDOT INDEX 500 AND INDEX 505.
- STRATUM NO. 5 SHALL BE TREATED AS PLASTIC (P) IN ACCORDANCE WITH FDOT INDEX 500 AND INDEX 505.
- STRATUM NO. 6 SHALL BE TREATED AS HIGH PLASTIC (H) IN ACCORDANCE WITH FDOT INDEX 500 AND INDEX 505.
- "NP" DENOTES NON-PLASTIC. () DENOTES PERCENT FINES TESTS ONLY.
- LAYERS OF VERY HARD MATERIALS SUCH AS HARDPAN TYPE SOILS MAY BE ENCOUNTERED IN VARIOUS AREAS OF THE PROJECT. SUCH MATERIALS WILL BE DIFFICULT TO EXCAVATE OR PENETRATE. THE CONTRACTOR SHALL EXPECT TO ENCOUNTER THESE VERY HARD MATERIALS IN ALL EXCAVATIONS AND SHALL USE SPECIALIZED EQUIPMENT AND/OR PROCEDURES AS NECESSARY TO FACILITATE EXCAVATION/PENETRATION.

REVISIONS				 Ardaman & Associates, Inc. 8008 S. Orange Avenue Orlando, Fl. 32808 E.O.R.-Colin T. Jewsbury, P.E. NO. 58074 Certificate of Authorization: 5950	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 378
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				429	ORANGE	OOCEA 429-203	SOIL SURVEY	



- LEGEND**
- ◆ Previously Completed SPT Boring Location
 - ◆ Approximate Northbound SPT Boring Location
 - ◆ Approximate High Fill SPT Boring Location
 - ◆ Approximate Northbound Settlement Plate Location
 - ◆ Surcharge Limits



SETTLEMENT PLATE NUMBER	STATIONS, OFFSET & BASELINE
NSP-1	220+50, 57' RT SR 429
NSP-2	221+50, 58' RT SR 429
NSP-3	222+00, 18' RT SR 429
NSP-4	222+00, 89' RT SR 429
NSP-5	222+50, 51' RT SR 429

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

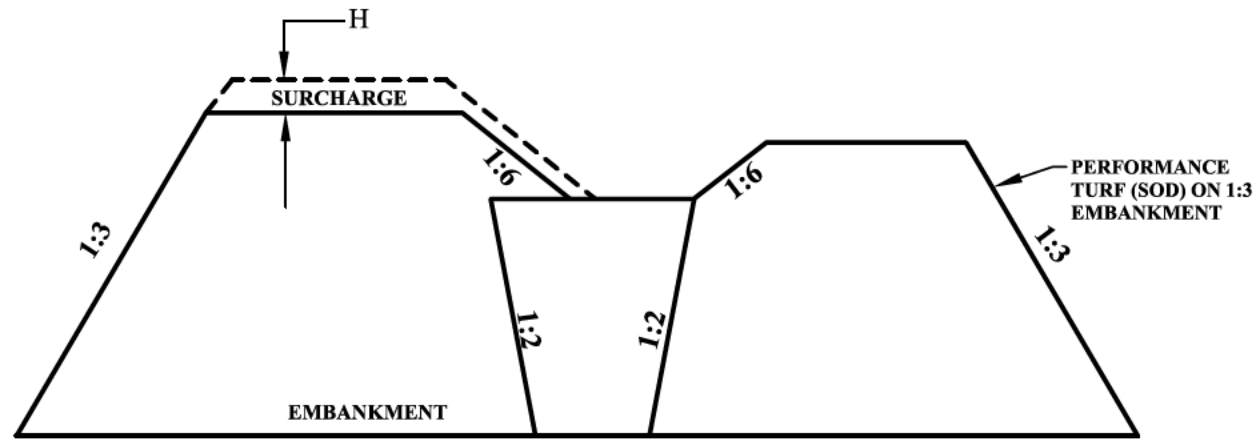
NAMES	DATES
Drawn by: MS	12-08-14
Checked by: GNN	12-08-14
Designed by: N/A	N/A
Checked by: N/A	N/A
Approved by: GNN	

GODWIN N. NNADI, Ph.D., P.E.
 FL REGISTRATION NO. 50637
 NADIC ENGINEERING SERVICES, INC.
 601 N. HART BOULEVARD
 ORLANDO, FL 32818
 PH (407) 521-4771 FAX (407) 521-4772
 CERTIFICATE OF AUTHORIZATION NO. 8214

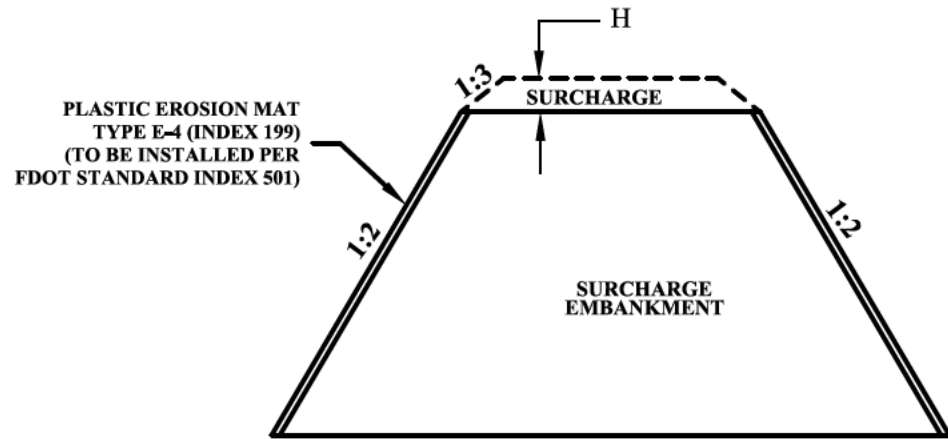
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 COUNTY: ORANGE
 PROJECT NO.: 429-203

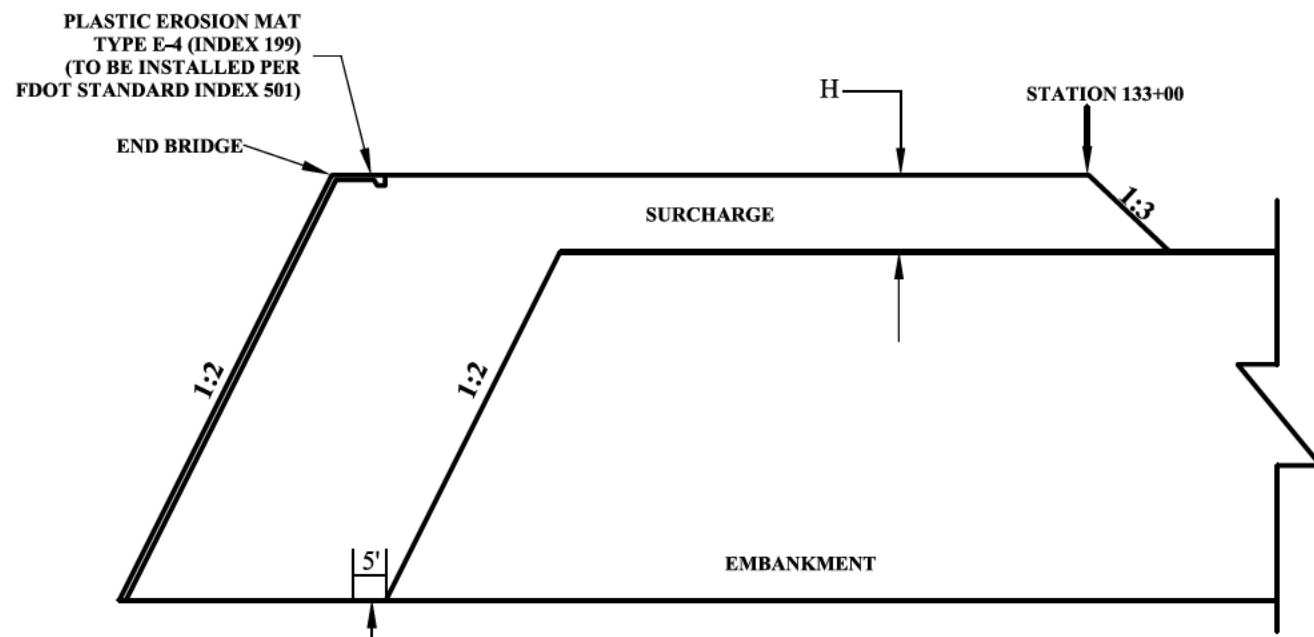
SR 429 NORTHBOUND SURCHARGE LIMITS
 PROJECT NAME: SR 429 BRIDGES AT LAKE VICTOR FLOODPLAIN WEKIVA PARKWAY-SECTION 1B
 SHEET NO.: 379



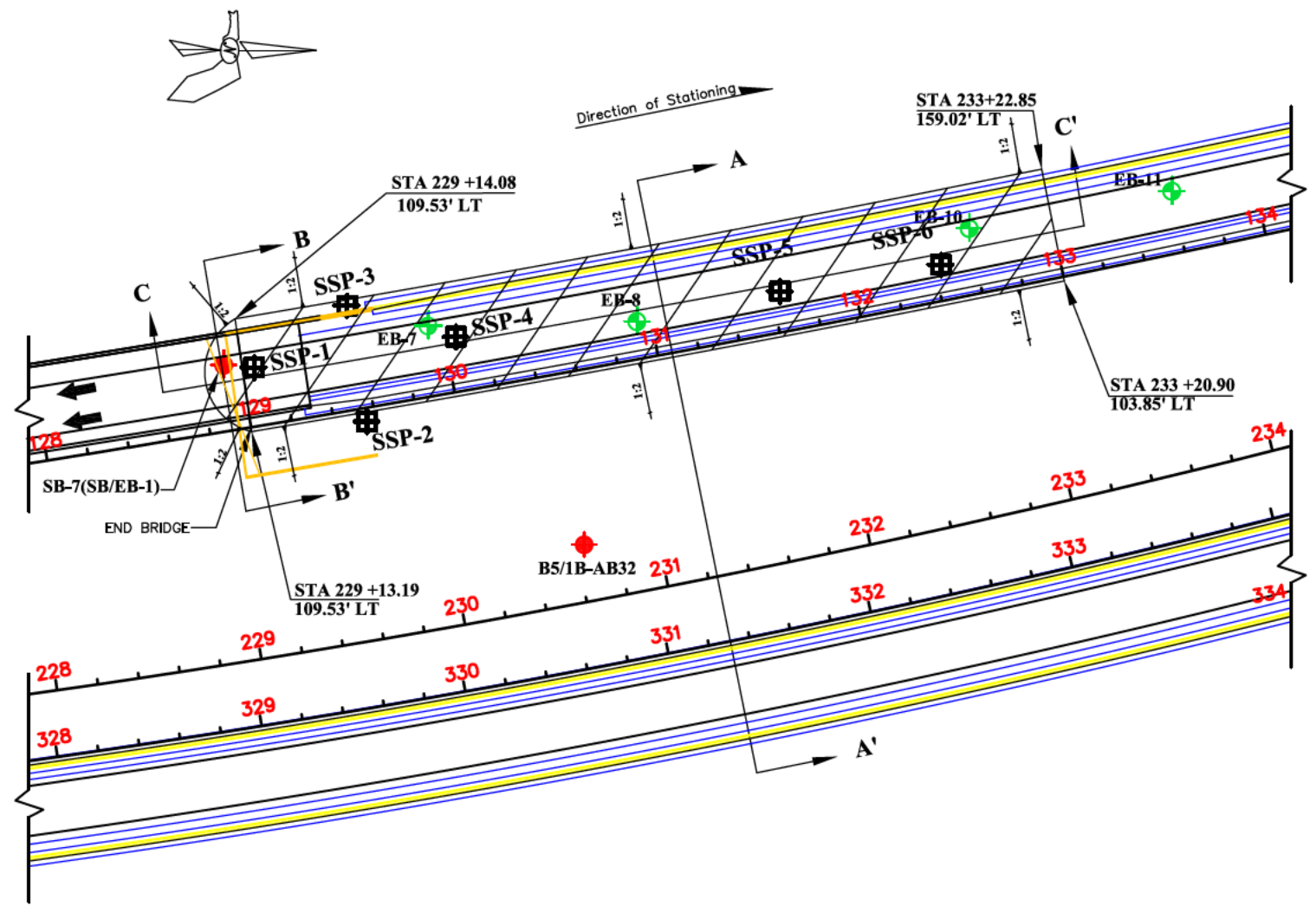
NTS
H = 3 FEET
TYPICAL DETAIL A-A'



NTS
TYPICAL DETAIL B-B'

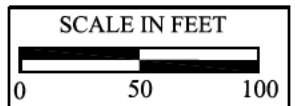


TYPICAL DETAIL C-C'



- LEGEND**
- B5/1B-AB32 Previously Completed SPT Boring Location
 - EB-7 Approximate High Fill SPT Boring Location
 - SSP-1 Approximate Southbound Settlement Plate Location
 - Surcharge Limits

SETTLEMENT PLATE NUMBER	STATIONS, OFFSET & BASELINE
SSP-1	229+20, 139' LT SR 429
SSP-2	229+70, 105' LT SR 429
SSP-3	229+70, 162' LT SR 429
SSP-4	230+20, 138' LT SR 429
SSP-5	231+80, 128' LT SR 429
SSP-6	232+60, 125' LT SR 429



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

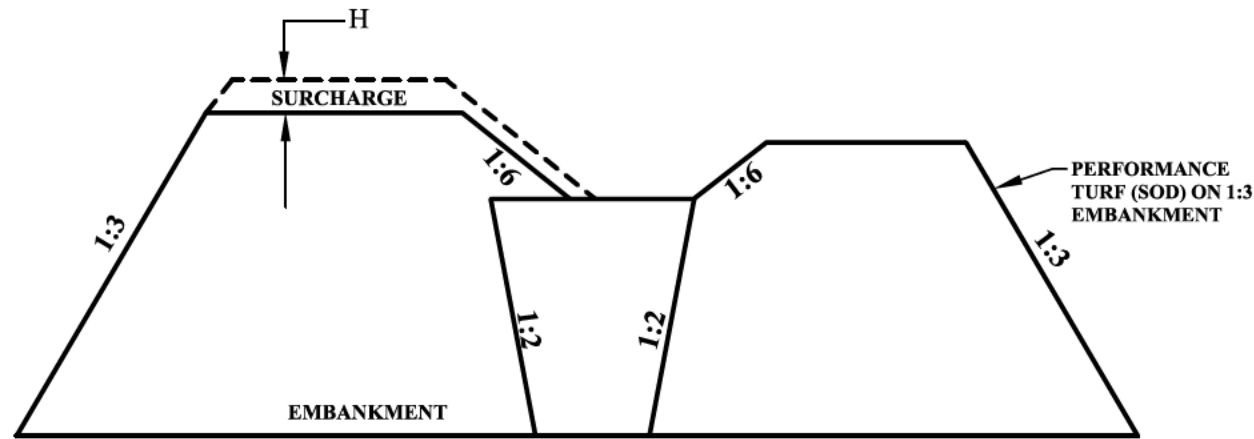
NAMES	DATES
Drawn by: MS	12-08-14
Checked by: GNN	12-08-14
Designed by: N/A	N/A
Checked by: N/A	N/A
Approved by: GNN	

GODWIN N. NNADI, Ph.D., P.E.
FL REGISTRATION NO. 50637
NADIC ENGINEERING SERVICES, INC.
601 N. HART BOULEVARD
ORLANDO, FL 32818
PH (407) 521-4771 FAX (407) 521-4772
CERTIFICATE OF AUTHORIZATION NO. 8214

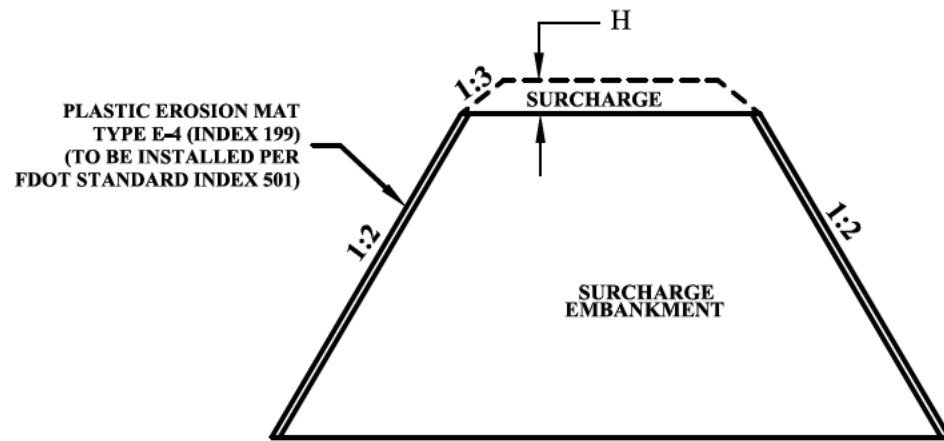
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
COUNTY	PROJECT NO.
ORANGE	429-203

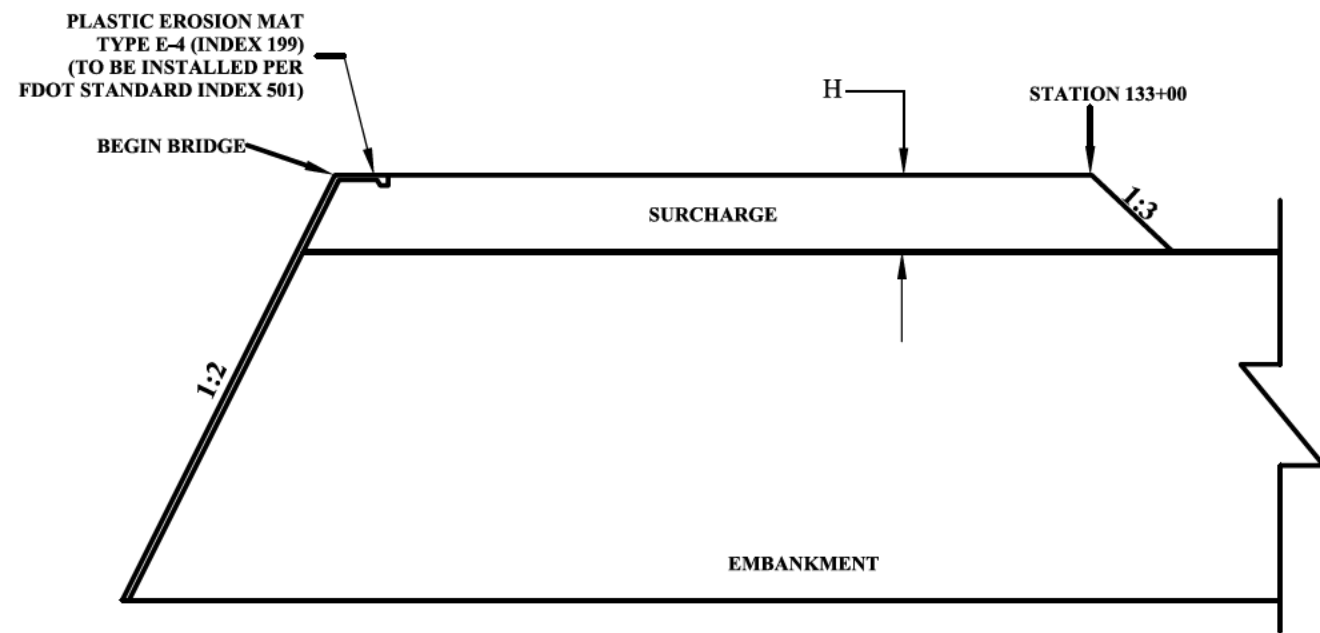
SR 429 SOUTHBOUND SURCHARGE LIMITS	
PROJECT NAME:	SHEET NO.
SR 429 BRIDGES AT LAKE VICTOR FLOODPLAIN WEKIVA PARKWAY-SECTION 1B	380



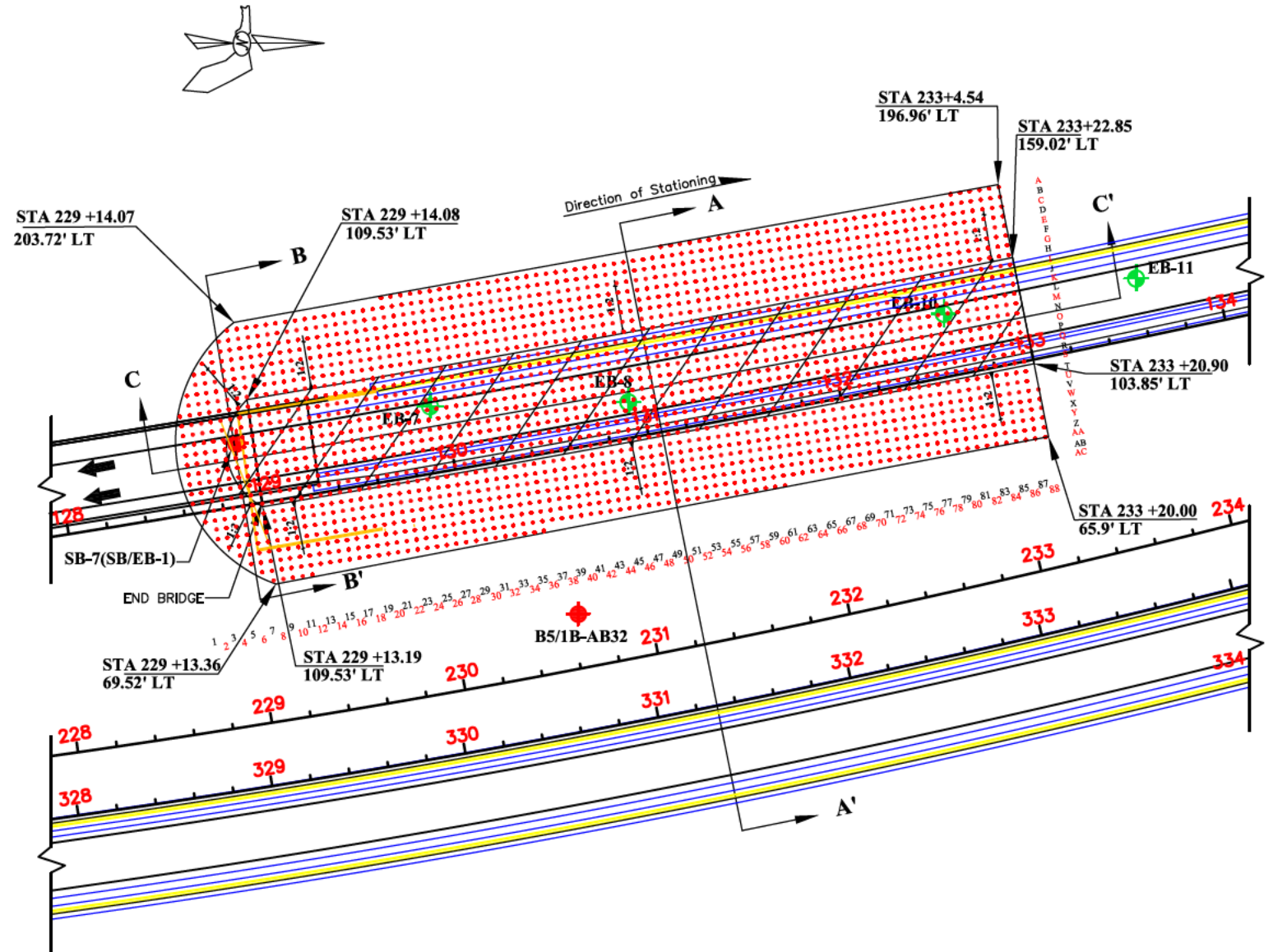
NTS
H = 3 FEET
TYPICAL DETAIL A-A'



NTS
TYPICAL DETAIL B-B'

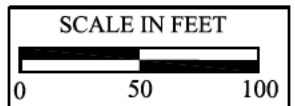


TYPICAL DETAIL C-C'



LEGEND

- B5/1B-AB32 Previously Completed SPT Boring Location
- EB-7 Approximate High Fill SPT Boring Location
- Wick Drain Location



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NAMES	DATES
Drawn by: MS	12-08-2014
Checked by: GNN	12-08-2014
Designed by: N/A	N/A
Checked by: N/A	N/A
Approved by: GNN	

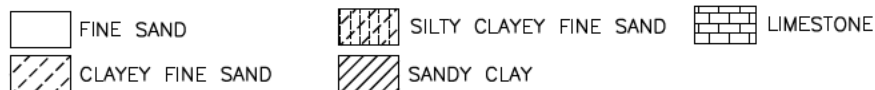
GODWIN N. NNADI, Ph.D., P.E.
FL REGISTRATION NO. 50637
NADIC ENGINEERING SERVICES, INC.
601 N. HART BOULEVARD
ORLANDO, FL 32818
PH (407) 521-4771 FAX (407) 521-4772
CERTIFICATE OF AUTHORIZATION NO. 8214

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
COUNTY	PROJECT NO.
ORANGE	429-203

SR 429 SOUTHBOUND SURCHARGE WICK DRAIN PLAN	
PROJECT NAME:	SHEET NO.
SR 429 BRIDGES AT LAKE VICTOR FLOODPLAIN WEKIVA PARKWAY-SECTION 1B	381

LEGEND



TH STANDARD PENETRATION TEST (SPT) BORING

N STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT

-200 PERCENT PASSING NO. 200 SIEVE SIZE (PERCENT FINES)(FM 1-T88)

WOH SAMPLER ADVANCED BY STATIC WEIGHT OF HAMMER AND RODS ONLY

GNM GROUNDWATER NOT MEASURED (i.e., NOT ENCOUNTERED IN THE TOP 10 FEET AND NOT MEASURED BELOW 10 FEET DUE TO THE MUDDIED CONDITION OF THE BOREHOLE)

GSE GROUND SURFACE ELEVATION (FEET, NAVD 88) PROVIDED BY PROJECT SURVEYOR DEWBERRY SINGLETON

← COMPLETE LOSS OF DRILLING FLUID CIRCULATION

50/3 50 BLOWS FOR 3-INCHES PENETRATION INTO SOIL



SP,SP-SM UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D-2487)
SM,SC,CH

- NOTES: 1. UPON COMPLETION OF EACH SPT BORING, THE BOREHOLE WAS GROUTED WITH CEMENT-BENTONITE SLURRY.
2. BORING STATION AND OFFSET REFERENCED TO RAMP D BASELINE.

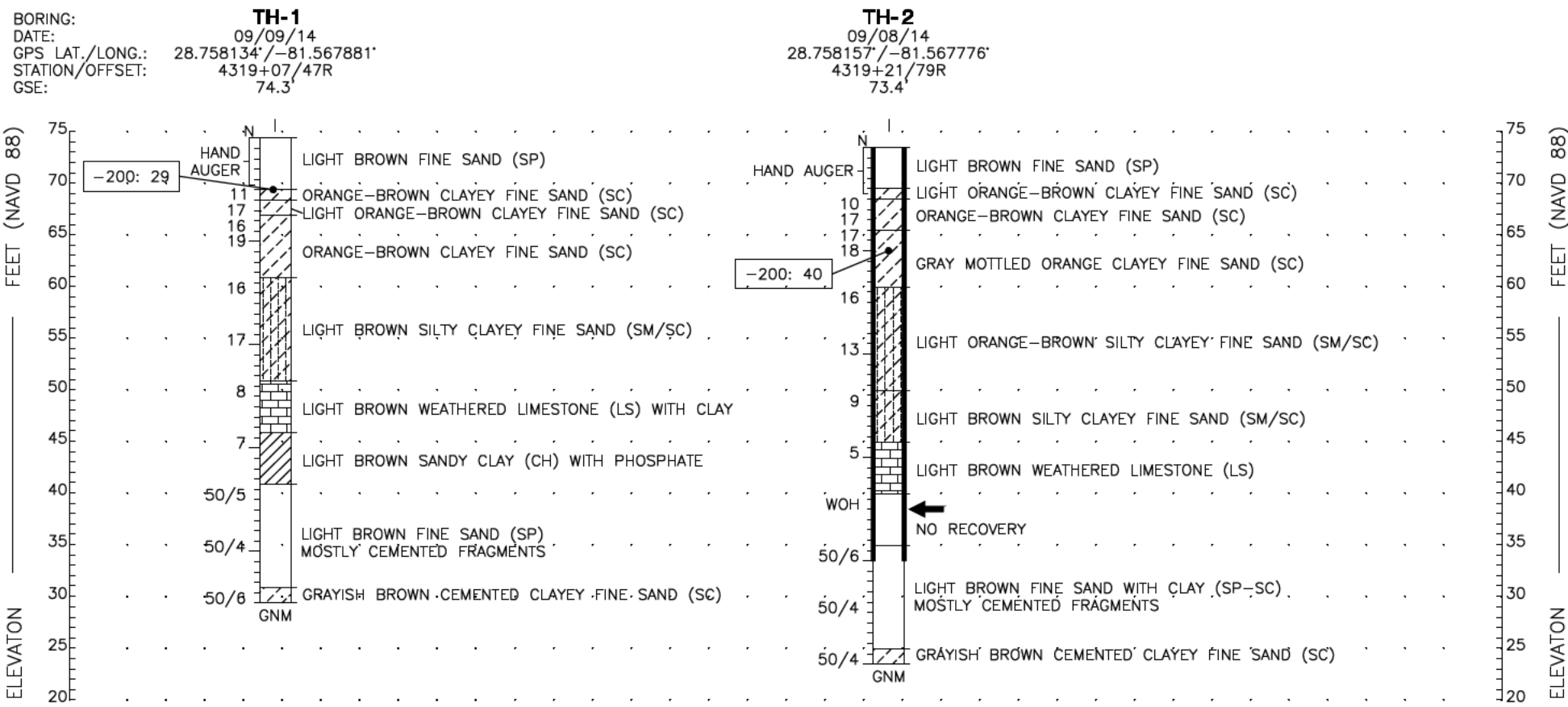
ENGINEERING CLASSIFICATION

I COHESIONLESS SOILS	
DESCRIPTION	BLOW COUNT "N"
VERY LOOSE	<4
LOOSE	4 TO 10
MEDIUM DENSE	10 TO 30
DENSE	30 TO 50
VERY DENSE	>50

II COHESIVE SOILS		
DESCRIPTION	UNCONFINED COMPRESSIVE STRENGTH, QU, TSF	BLOW COUNT "N"
VERY SOFT	<1/4	<2
SOFT	1/4 TO 1/2	2 TO 4
MEDIUM STIFF	1/2 TO 1	4 TO 8
STIFF	1 TO 2	8 TO 15
VERY STIFF	2 TO 4	15 TO 30
HARD	>4	>30

WHILE THE BORINGS ARE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT THEIR RESPECTIVE LOCATIONS AND FOR THEIR RESPECTIVE VERTICAL REACHES, LOCAL VARIATIONS CHARACTERISTIC OF THE SUBSURFACE MATERIALS OF THE REGION ARE ANTICIPATED AND MAY BE ENCOUNTERED. THE BORING LOGS AND RELATED INFORMATION ARE BASED ON THE DRILLER'S LOGS AND VISUAL EXAMINATION OF SELECTED SAMPLES IN THE LABORATORY. THE DELINEATION BETWEEN SOIL TYPES SHOWN ON THE LOGS IS APPROXIMATE AND THE DESCRIPTION REPRESENTS OUR INTERPRETATION OF SUBSURFACE CONDITIONS AT THE DESIGNATED BORING LOCATIONS ON THE PARTICULAR DATE DRILLED.

GROUNDWATER ELEVATIONS SHOWN ON THE BORING LOGS REPRESENT GROUNDWATER SURFACES ENCOUNTERED ON THE DATES SHOWN. FLUCTUATIONS IN WATER TABLE LEVELS SHOULD BE ANTICIPATED THROUGHOUT THE YEAR. ABSENCE OF WATER SURFACE DATA ON CERTAIN BORINGS IMPLIES THAT NO GROUNDWATER DATA IS AVAILABLE, BUT DOES NOT NECESSARILY MEAN THAT GROUNDWATER WILL NOT BE ENCOUNTERED AT THESE LOCATIONS OR WITHIN THE VERTICAL REACHES OF THESE BORINGS IN THE FUTURE.



STANDARD PENETRATION TEST DATA:

- SPOON I.D.= 1.375"
- SPOON O.D.= 2.0"
- HAMMER DROP= 30"
- HAMMER WEIGHT= 140 lbs.
- HAMMER TYPE= SAFETY

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION



Ardaman & Associates, Inc.
8008 S. Orange Avenue
Orlando, FL 32808
E.O.R.-Colin T. Jewsbury, P.E. NO. 58074
Certificate of Authorization: 5950

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
429	OOCEA 429-203

SINKHOLE BORING PROFILES

SR 429-203 INTERCHANGE

SHEET NO.

382

LEGEND



TH STANDARD PENETRATION TEST (SPT) BORING

- N STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT
- 200 PERCENT PASSING NO. 200 SIEVE SIZE (PERCENT FINES)(FM 1-T88)
- NM NATURAL MOISTURE CONTENT IN PERCENT (ASTM D-2216)
- OC ORGANIC CONTENT IN PERCENT (ASTM D-2974)
- WOH SAMPLER ADVANCED BY STATIC WEIGHT OF HAMMER AND RODS ONLY
- GNM GROUNDWATER NOT MEASURED (i.e., NOT ENCOUNTERED IN THE TOP 10 FEET AND NOT MEASURED BELOW 10 FEET DUE TO THE MUDDIED CONDITION OF THE BOREHOLE)
- GSE GROUND SURFACE ELEVATION (FEET, NAVD 88) PROVIDED BY PROJECT SURVEYOR DEWBERRY SINGLETON
- ← COMPLETE LOSS OF DRILLING FLUID CIRCULATION
- 50/3 50 BLOWS FOR 3-INCHES PENETRATION INTO SOIL



SP,SP-SM UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D-2487)
SM,SC,CH

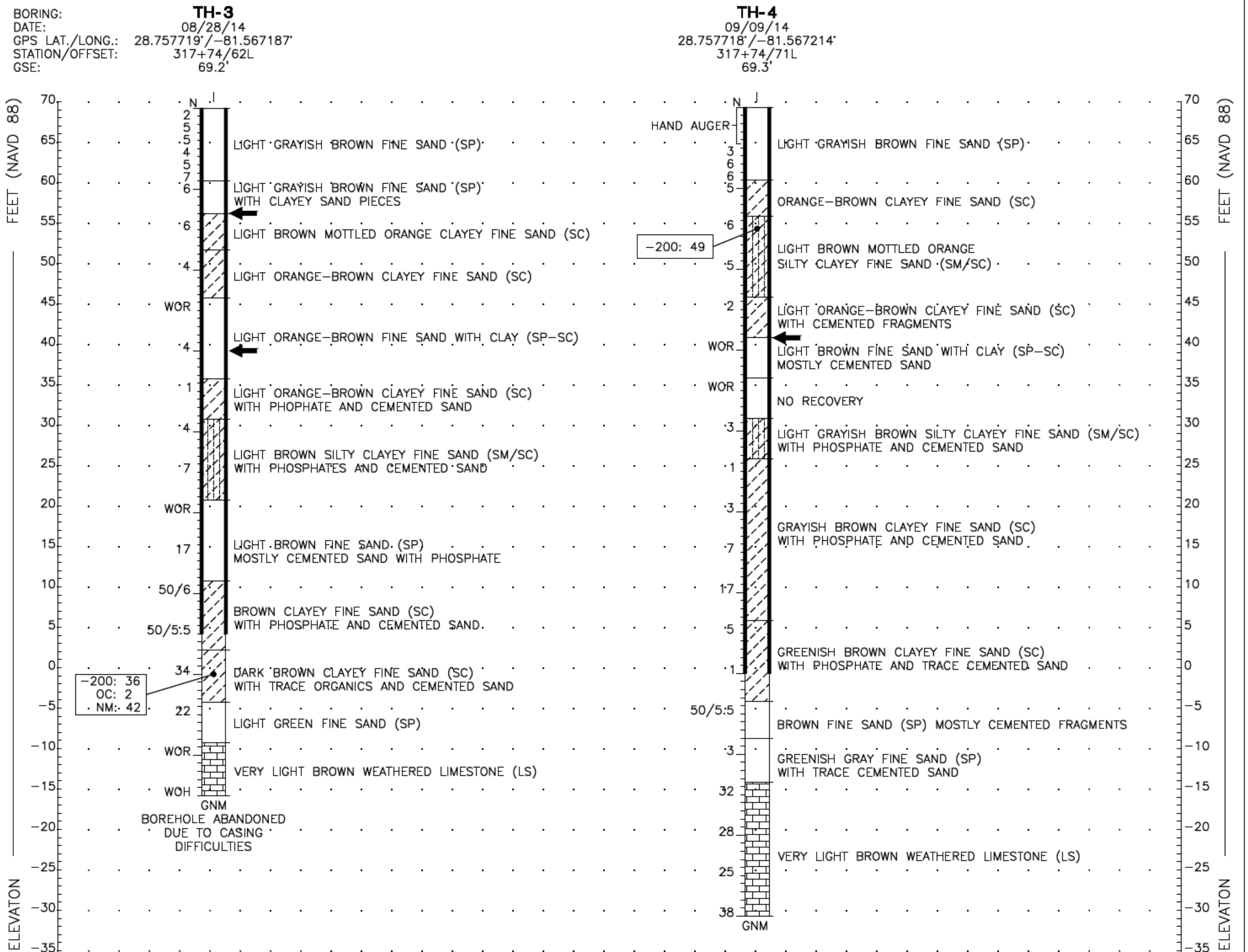
- NOTES: 1. UPON COMPLETION OF EACH SPT BORING, THE BOREHOLE WAS GROUTED WITH CEMENT-BENTONITE SLURRY.
2. BORING STATION AND OFFSET REFERENCED TO STATE ROAD 429 BASELINE.

ENGINEERING CLASSIFICATION

I COHESIONLESS SOILS	
DESCRIPTION	BLOW COUNT "N"
VERY LOOSE	<4
LOOSE	4 TO 10
MEDIUM DENSE	10 TO 30
DENSE	30 TO 50
VERY DENSE	>50

WHILE THE BORINGS ARE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT THEIR RESPECTIVE LOCATIONS AND FOR THEIR RESPECTIVE VERTICAL REACHES, LOCAL VARIATIONS CHARACTERISTIC OF THE SUBSURFACE MATERIALS OF THE REGION ARE ANTICIPATED AND MAY BE ENCOUNTERED. THE BORING LOGS AND RELATED INFORMATION ARE BASED ON THE DRILLER'S LOGS AND VISUAL EXAMINATION OF SELECTED SAMPLES IN THE LABORATORY. THE DELINEATION BETWEEN SOIL TYPES SHOWN ON THE LOGS IS APPROXIMATE AND THE DESCRIPTION REPRESENTS OUR INTERPRETATION OF SUBSURFACE CONDITIONS AT THE DESIGNATED BORING LOCATIONS ON THE PARTICULAR DATE DRILLED.

GROUNDWATER ELEVATIONS SHOWN ON THE BORING LOGS REPRESENT GROUNDWATER SURFACES ENCOUNTERED ON THE DATES SHOWN. FLUCTUATIONS IN WATER TABLE LEVELS SHOULD BE ANTICIPATED THROUGHOUT THE YEAR. ABSENCE OF WATER SURFACE DATA ON CERTAIN BORINGS IMPLIES THAT NO GROUNDWATER DATA IS AVAILABLE, BUT DOES NOT NECESSARILY MEAN THAT GROUNDWATER WILL NOT BE ENCOUNTERED AT THESE LOCATIONS OR WITHIN THE VERTICAL REACHES OF THESE BORINGS IN THE FUTURE.



STANDARD PENETRATION TEST DATA:

- SPOON I.D.= 1.375"
- SPOON O.D.= 2.0"
- HAMMER DROP= 30"
- HAMMER WEIGHT= 140 lbs.
- HAMMER TYPE= SAFETY

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION



Ardaman & Associates, Inc.
8008 S. Orange Avenue
Orlando, FL 32808
E.O.R.-Colin T. Jewsbury, P.E. NO. 58074
Certificate of Authorization: 5950

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

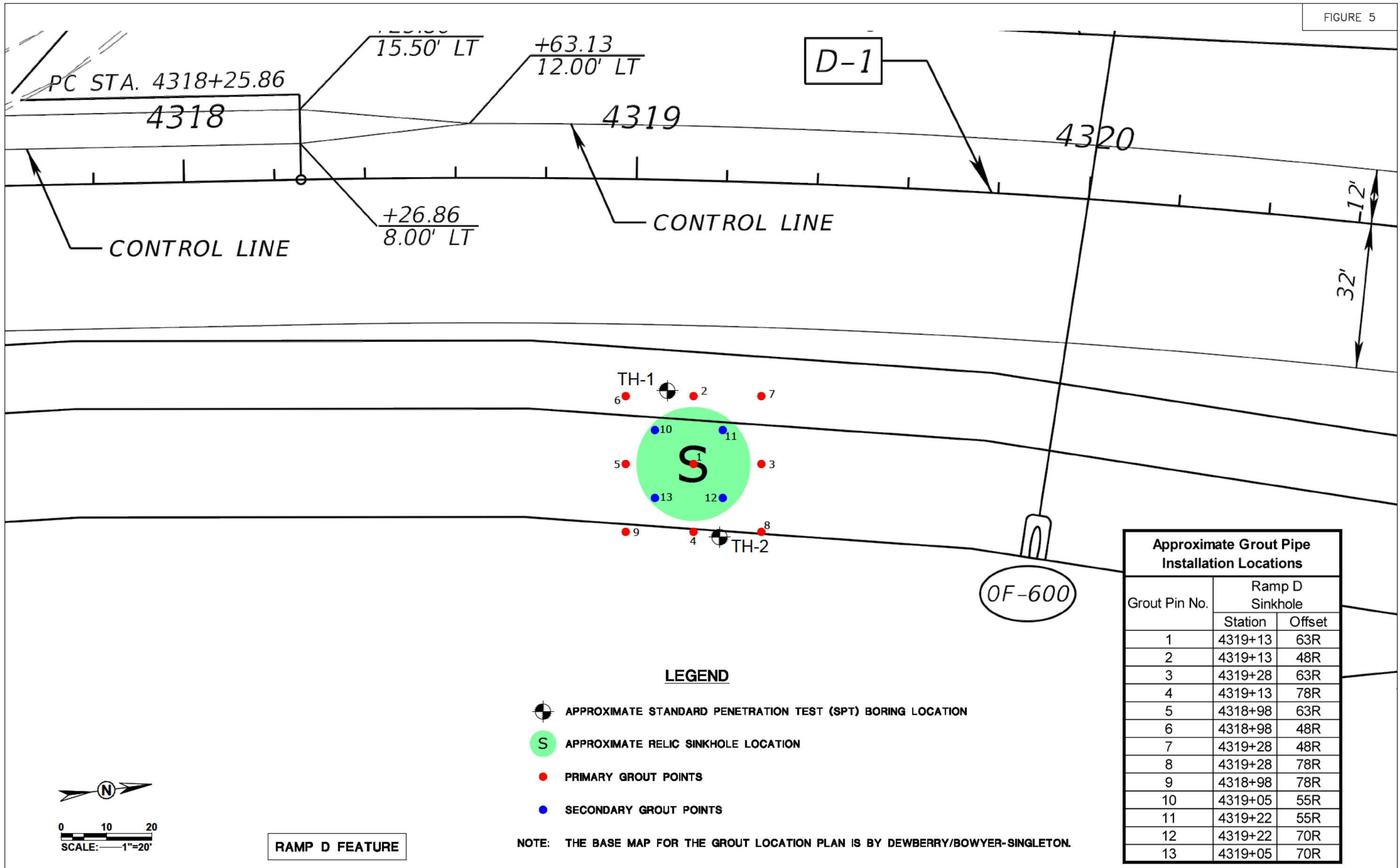
ROAD NO.	PROJECT NO.
429	OOCEA 429-203

SINKHOLE BORING PROFILES





SR 429-203 INTERCHANGE

SHEET NO.

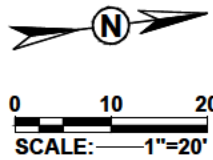
383




LEGEND

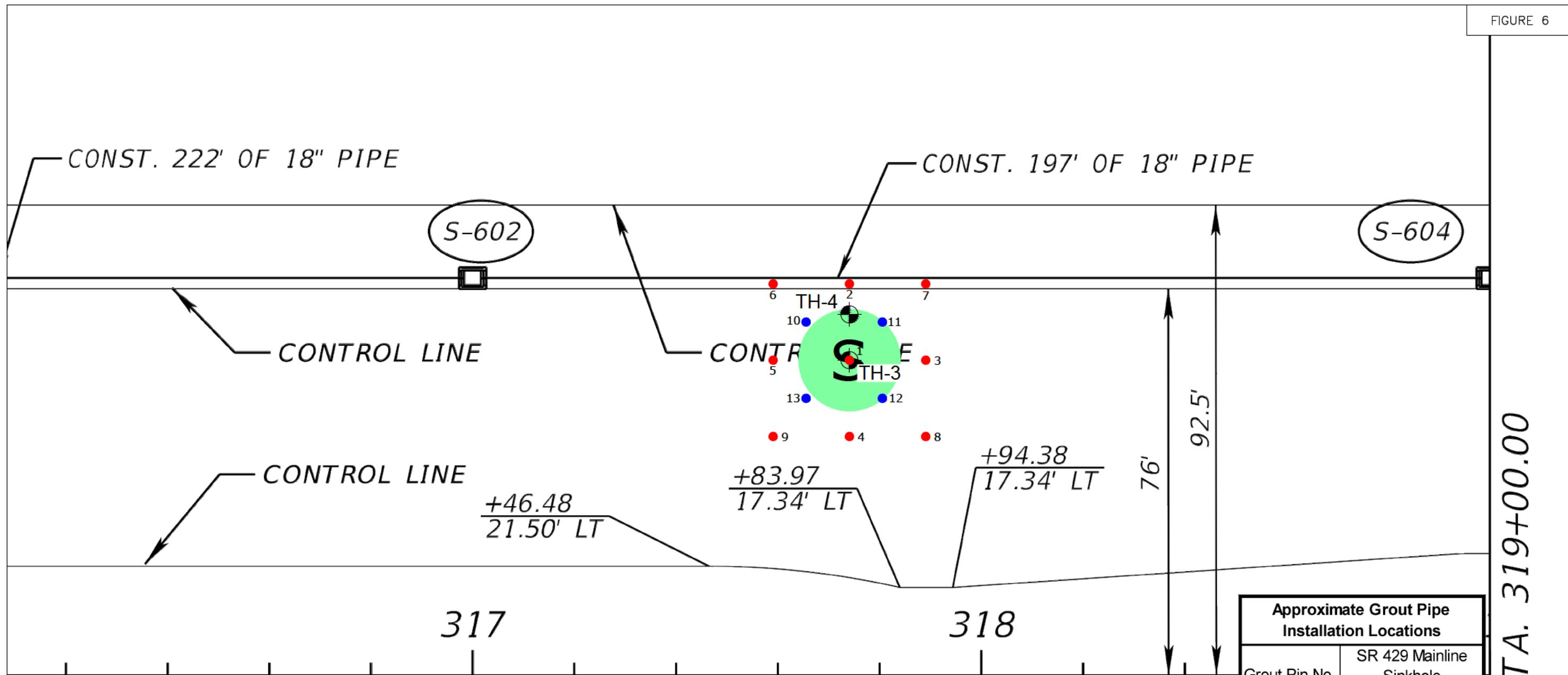
-  APPROXIMATE STANDARD PENETRATION TEST (SPT) BORING LOCATION
-  APPROXIMATE RELIC SINKHOLE LOCATION
-  PRIMARY GROUT POINTS
-  SECONDARY GROUT POINTS

NOTE: THE BASE MAP FOR THE GROUT LOCATION PLAN IS BY DEWBERRY/BOWYER-SINGLETON.







RAMP D FEATURE

REVISIONS				 Ardaman & Associates, Inc. 8008 S. Orange Avenue Orlando, FL 32808 E.O.R.—Colin T. Jewsbury, P.E. NO. 58074 Certificate of Authorization: 5950	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		GROUT PIPE INSTALLATION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.		
				429	OOCEA 429-203	SR 429-203 INTERCHANGE	384	



SR 429 (WEKIVA PKWY)

LEGEND


-  APPROXIMATE STANDARD PENETRATION TEST (SPT) BORING LOCATION
-  APPROXIMATE RELIC SINKHOLE LOCATION
-  PRIMARY GROUT POINTS
-  SECONDARY GROUT POINTS

NOTE: THE BASE MAP FOR THE GROUT LOCATION PLAN IS BY DEWBERRY/BOWYER-SINGLETON.

Approximate Grout Pipe Installation Locations		
Grout Pin No.	SR 429 Mainline Sinkhole	
	Station	Offset
1	317+75	62L
2	317+75	77L
3	317+90	62L
4	317+75	47L
5	317+59	62L
6	317+59	77L
7	317+90	77L
8	317+90	47L
9	317+59	47L
10	317+67	69L
11	317+81	69L
12	317+81	54L
13	317+67	54L

SR 429 FEATURE

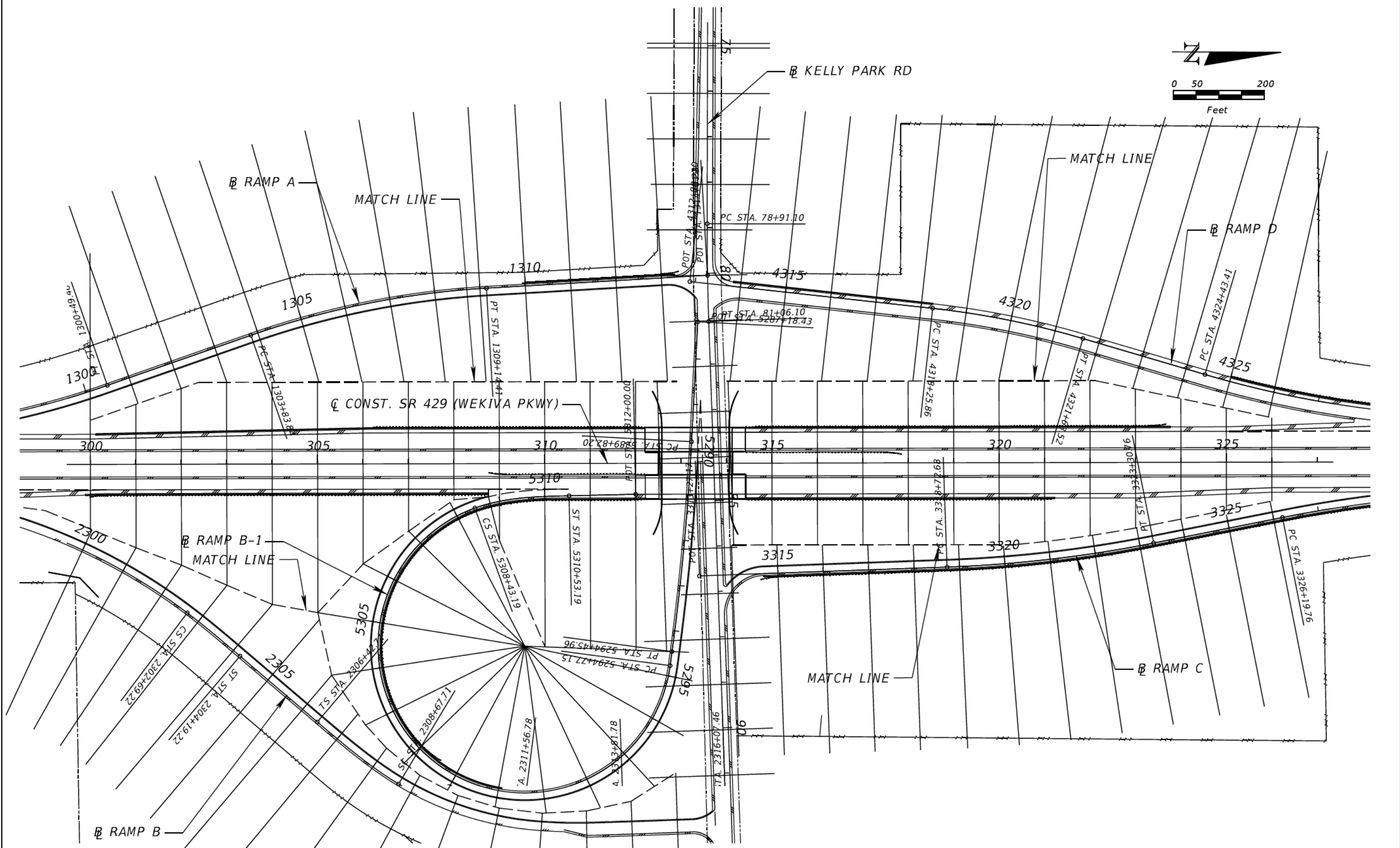
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION


 Ardaman & Associates, Inc.
 8008 S. Orange Avenue
 Orlando, FL 32808
 E.O.R.—Colin T. Jewsbury, P.E. NO. 58074
 Certificate of Authorization: 5950

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. 429 PROJECT NO. OOCEA 429-203

GROUT PIPE INSTALLATION PLAN
 SR 429-203 INTERCHANGE

SHEET NO. 385



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



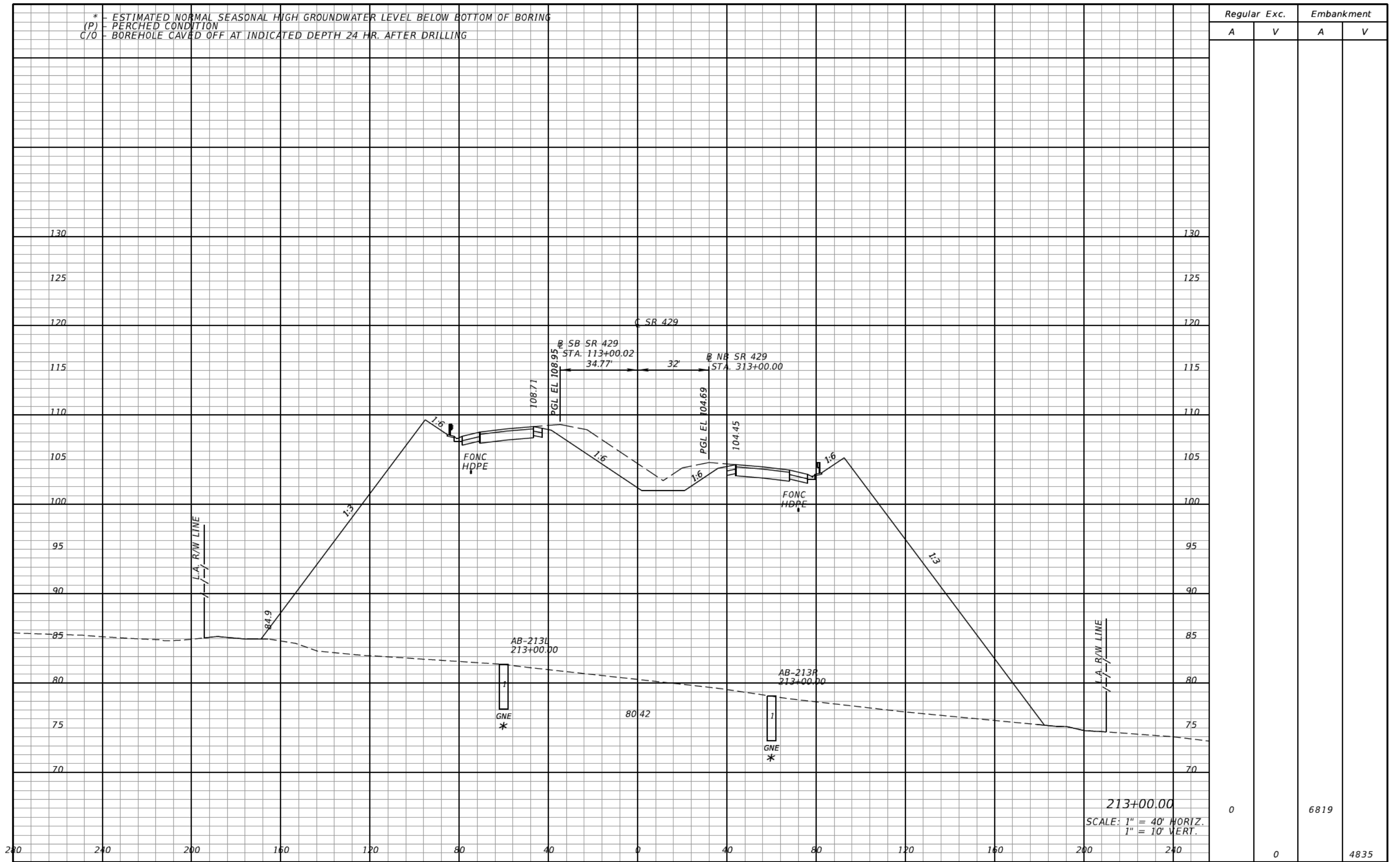
CROSS SECTION PATTERN SHEET

SHEET NO.
386

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



Regular Exc.		Embankment	
A	V	A	V
0	0	6819	4835

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203



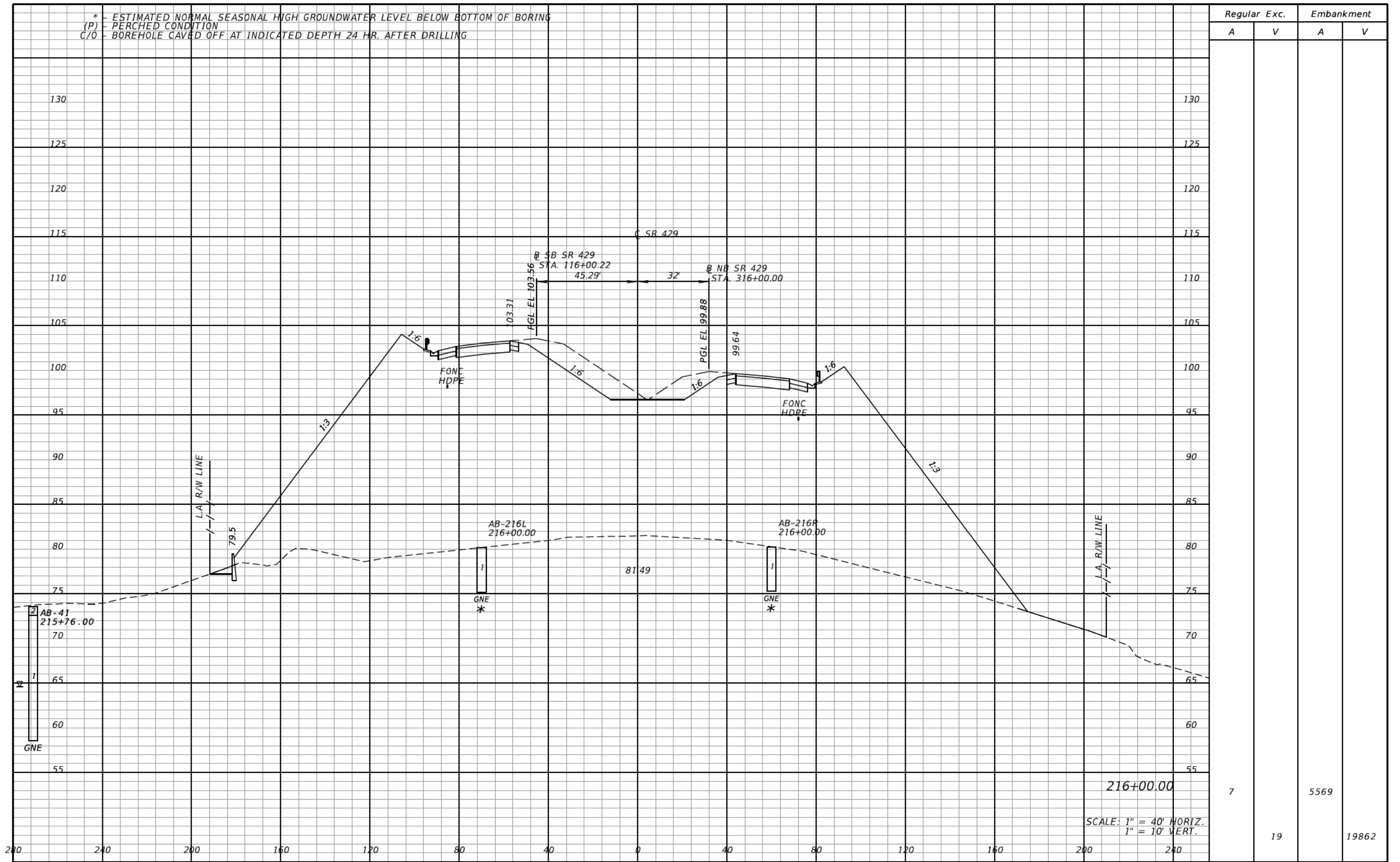
CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
388

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



7	19	5569	19862

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203

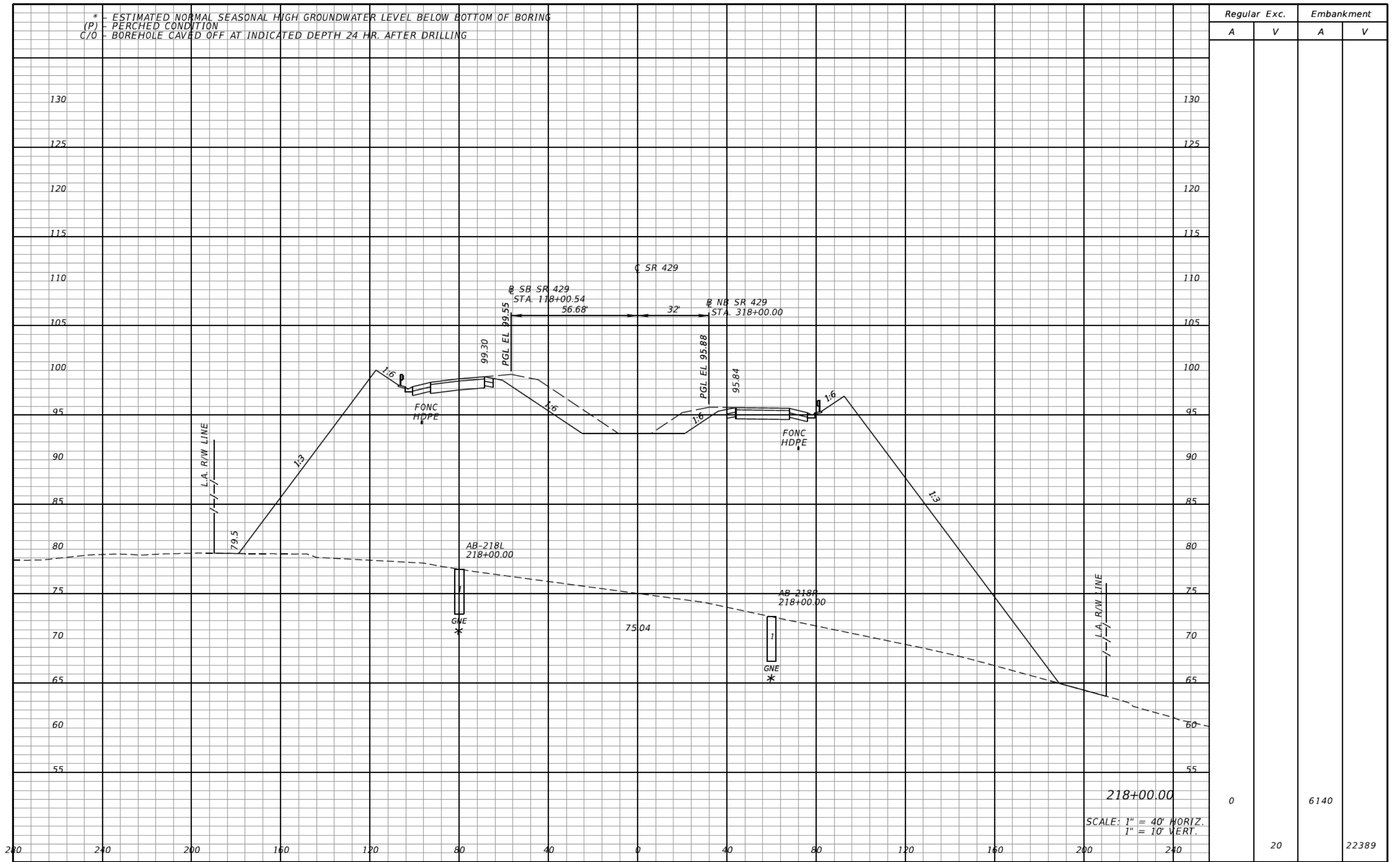


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
391

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



218+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

0	20	6140	22389
---	----	------	-------

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203

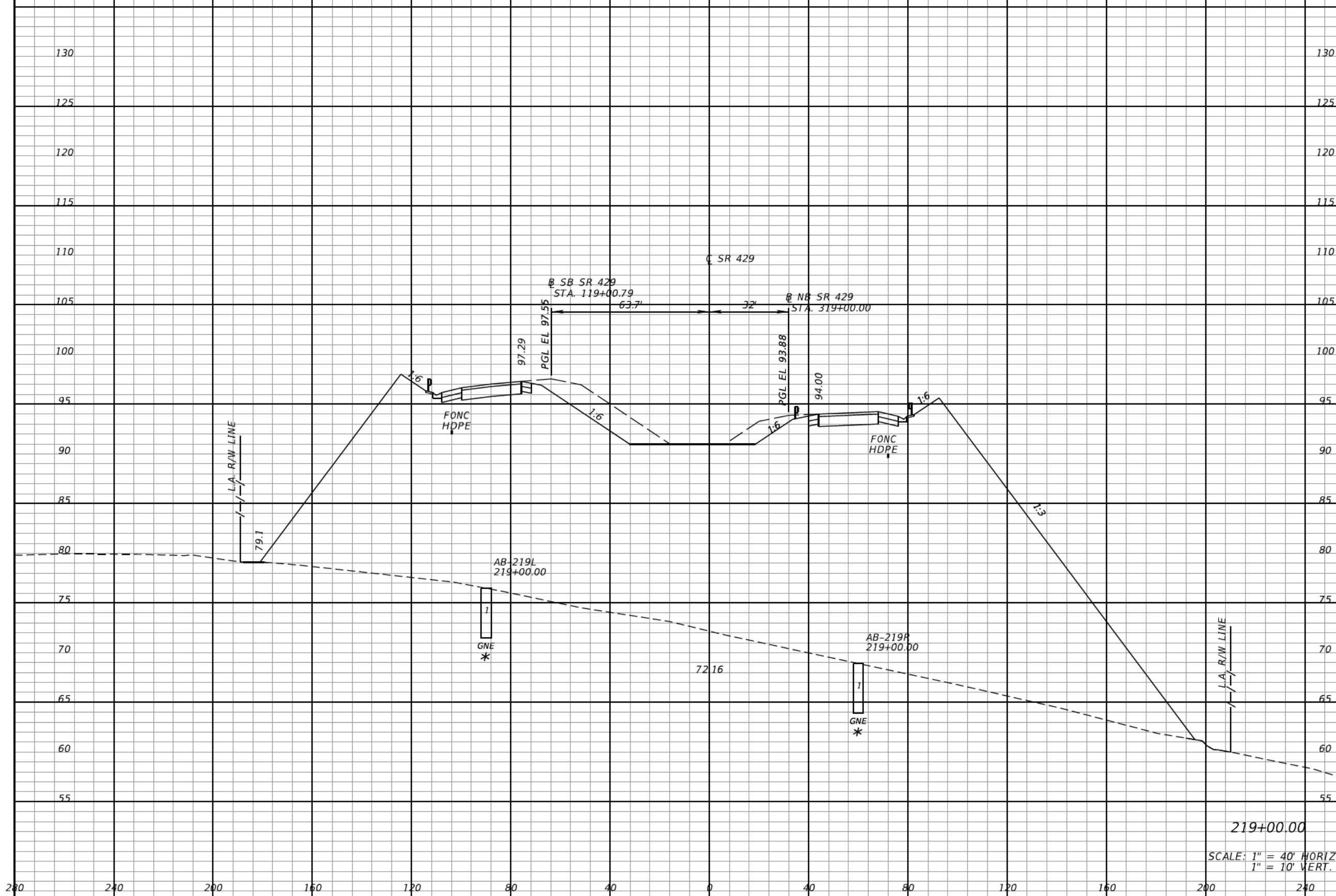


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
393

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				6552	
	0				23505



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

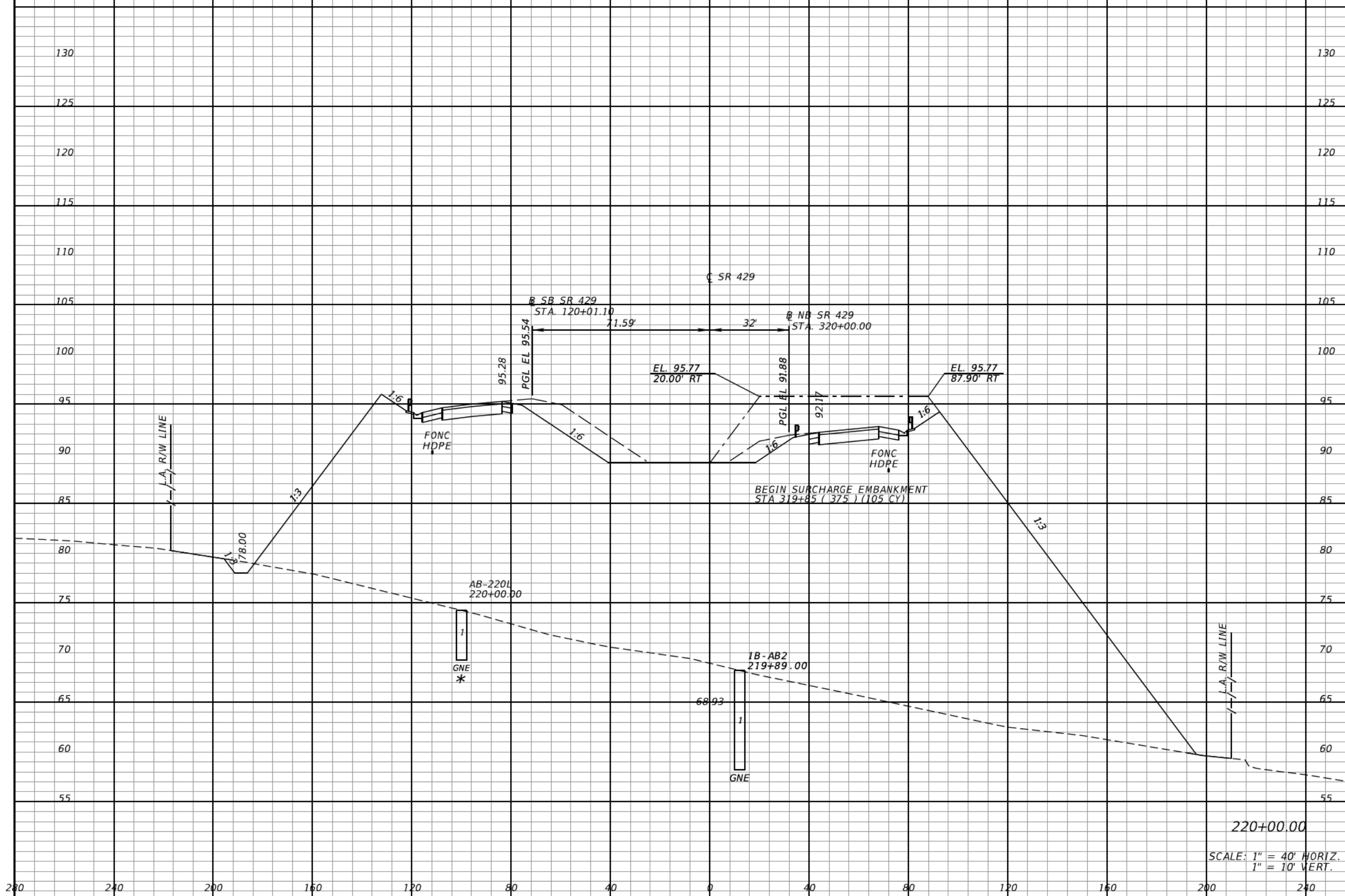


CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 394

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
10				6975	
	19				25050



220+00.00
 SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



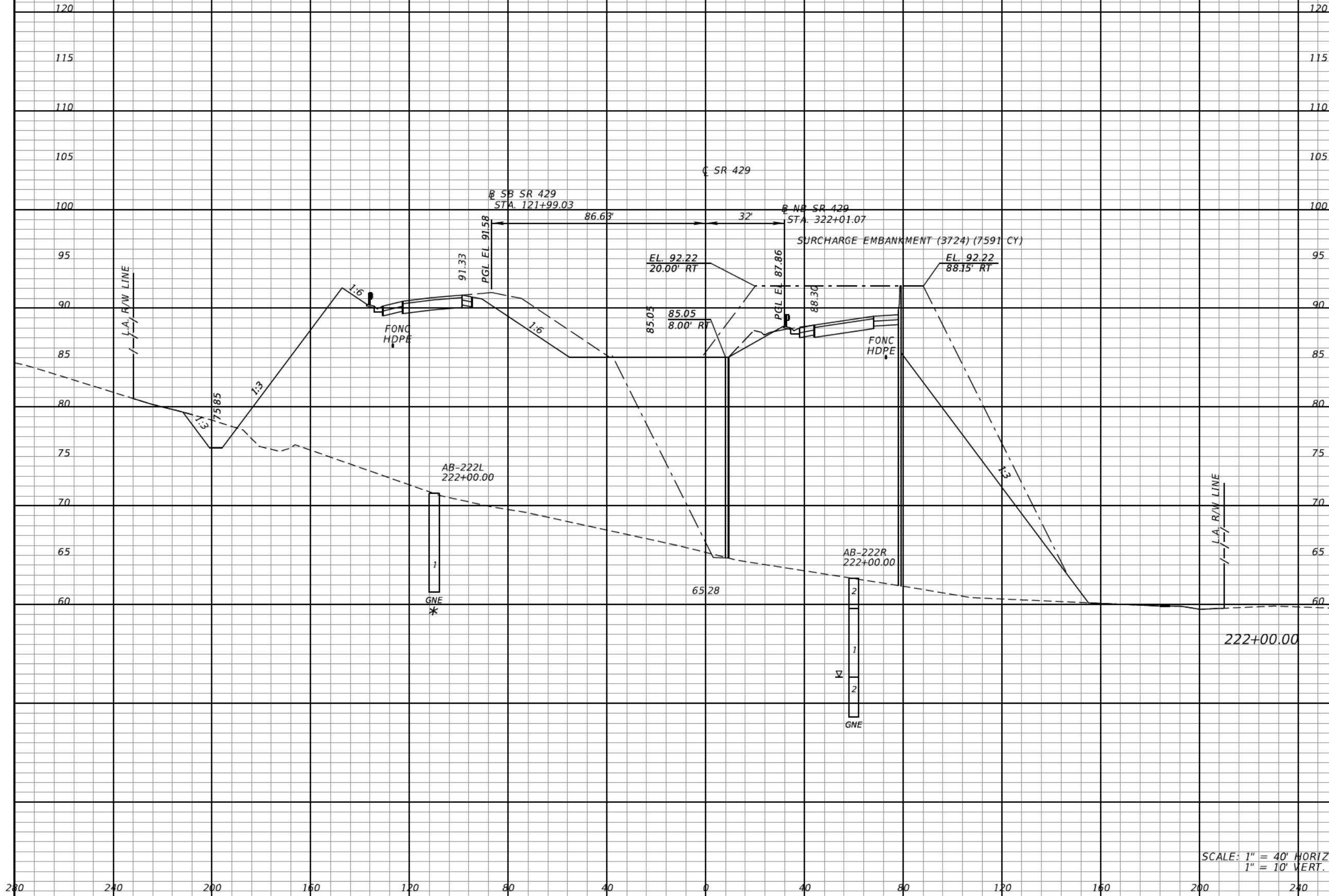
CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
395

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



37	129	5863	23825
----	-----	------	-------

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

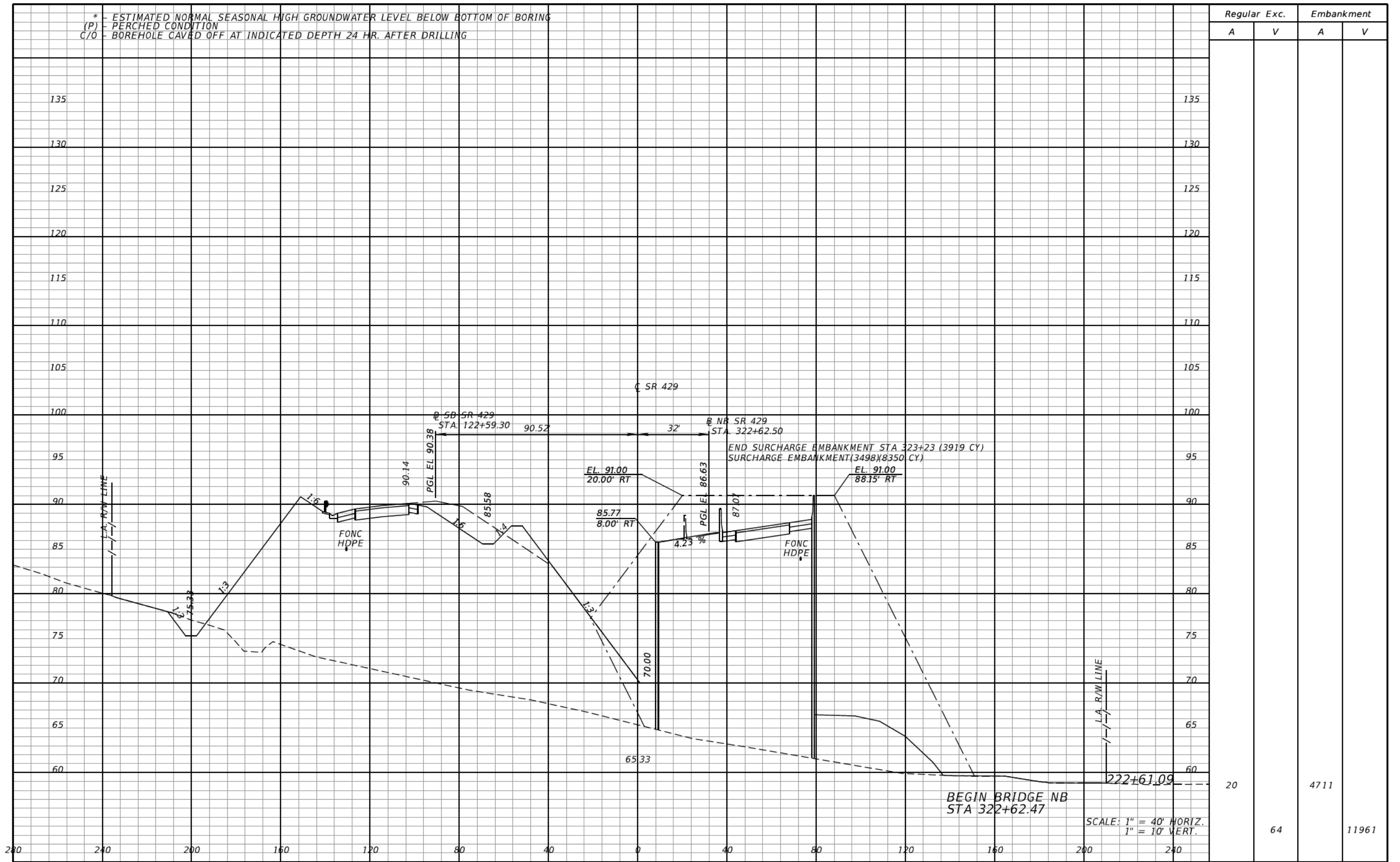
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203



**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
397

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

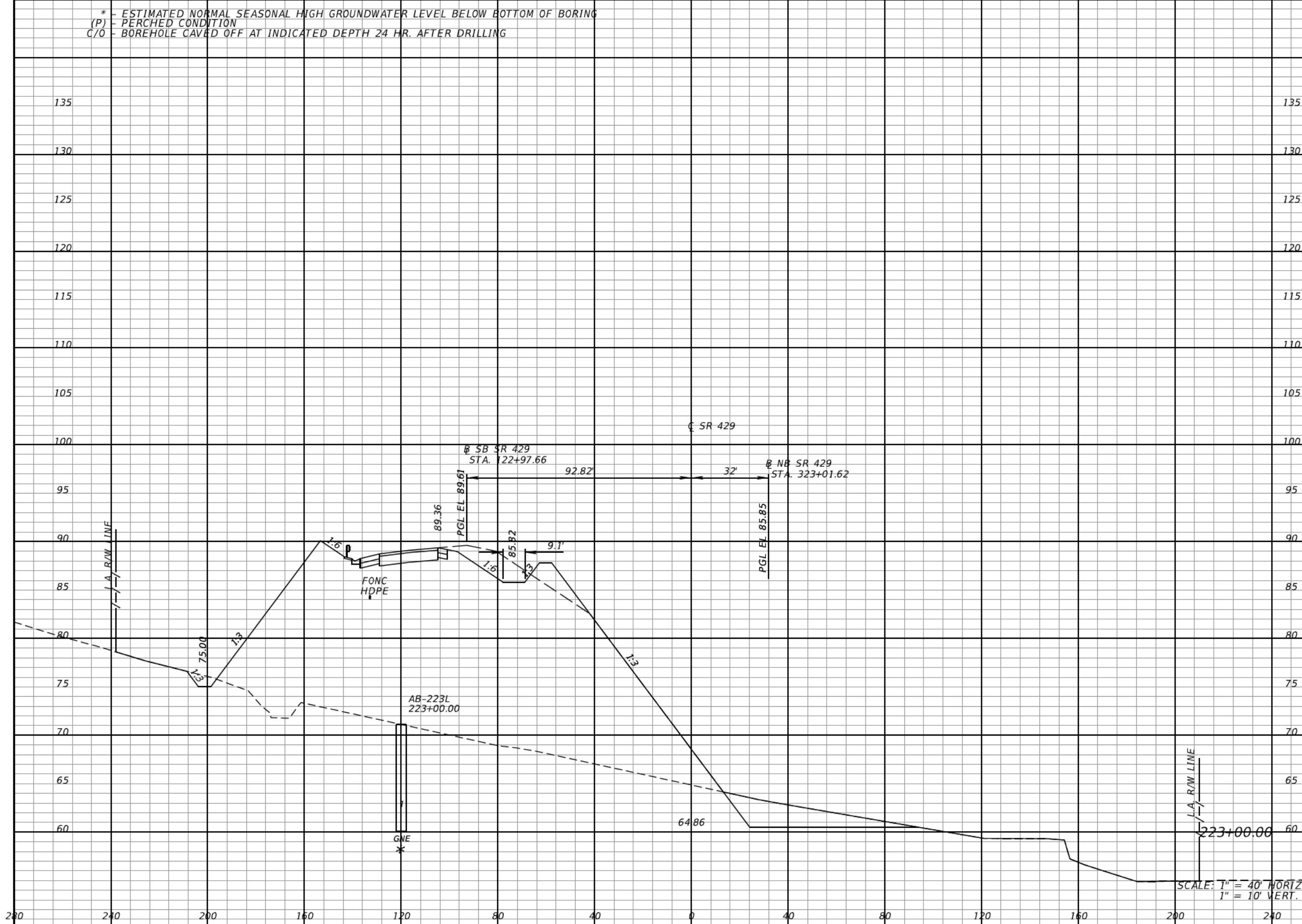


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
398

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular	Exc.	Embankment	
		A	V
132	109	2763	5385



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

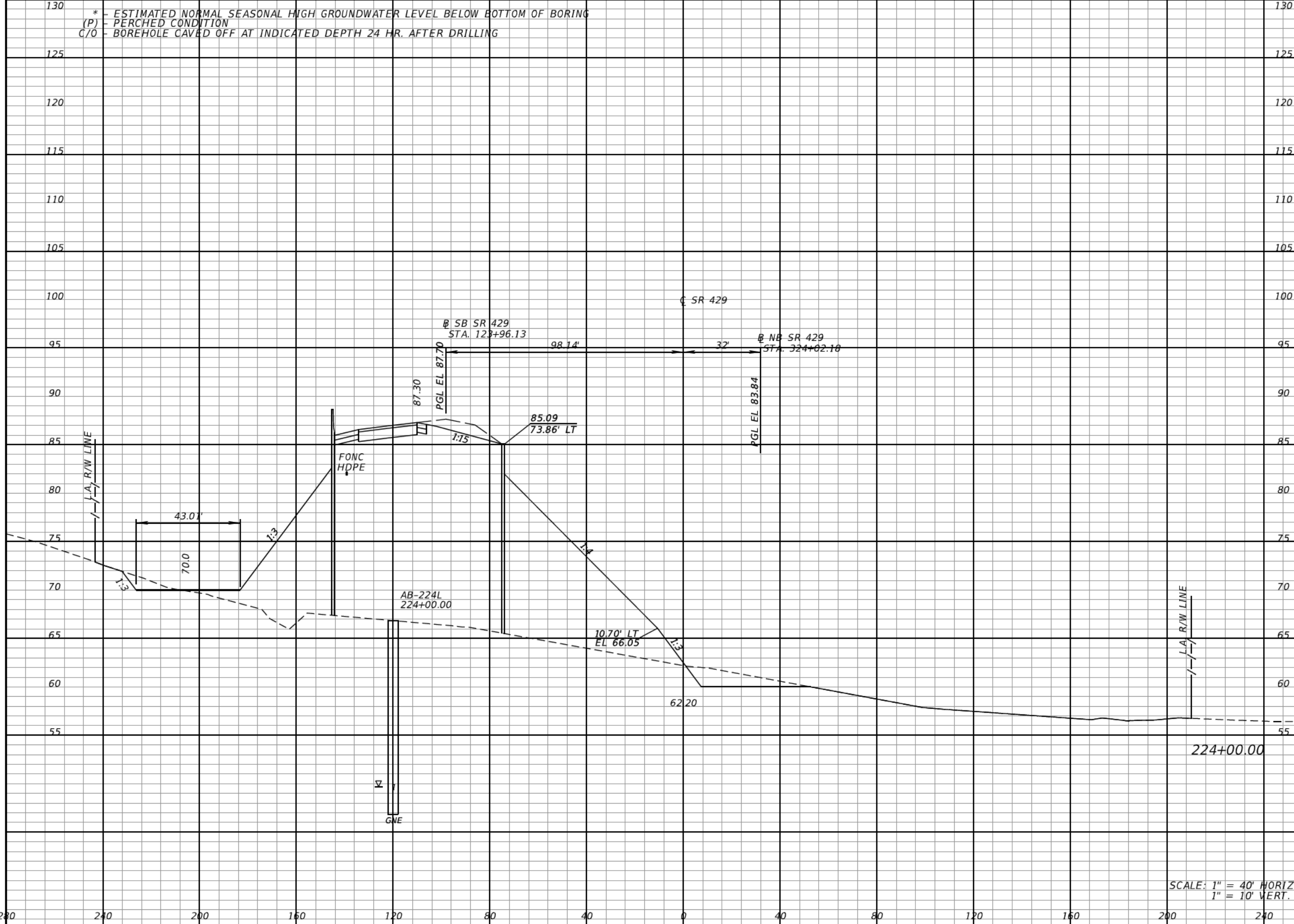
DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
399



Regular		Exc.		Embankment	
A	V	A	V	A	V
				69	2381
				372	9526

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

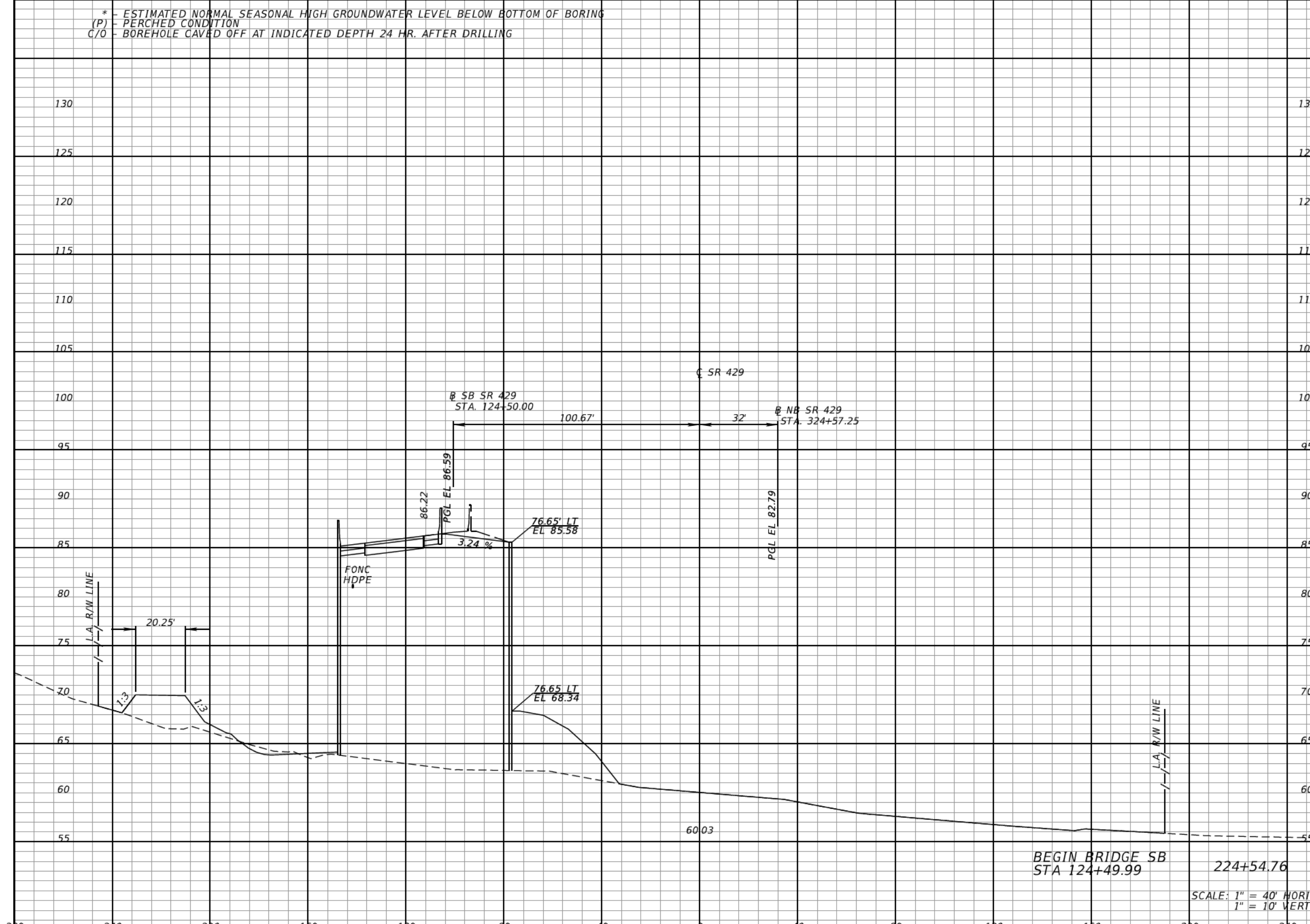
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



CROSS SECTIONS SR 429 (WEKIVA PKWY)		SHEET NO. 400
--	--	------------------

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
				9	1876
			79		4317



SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203

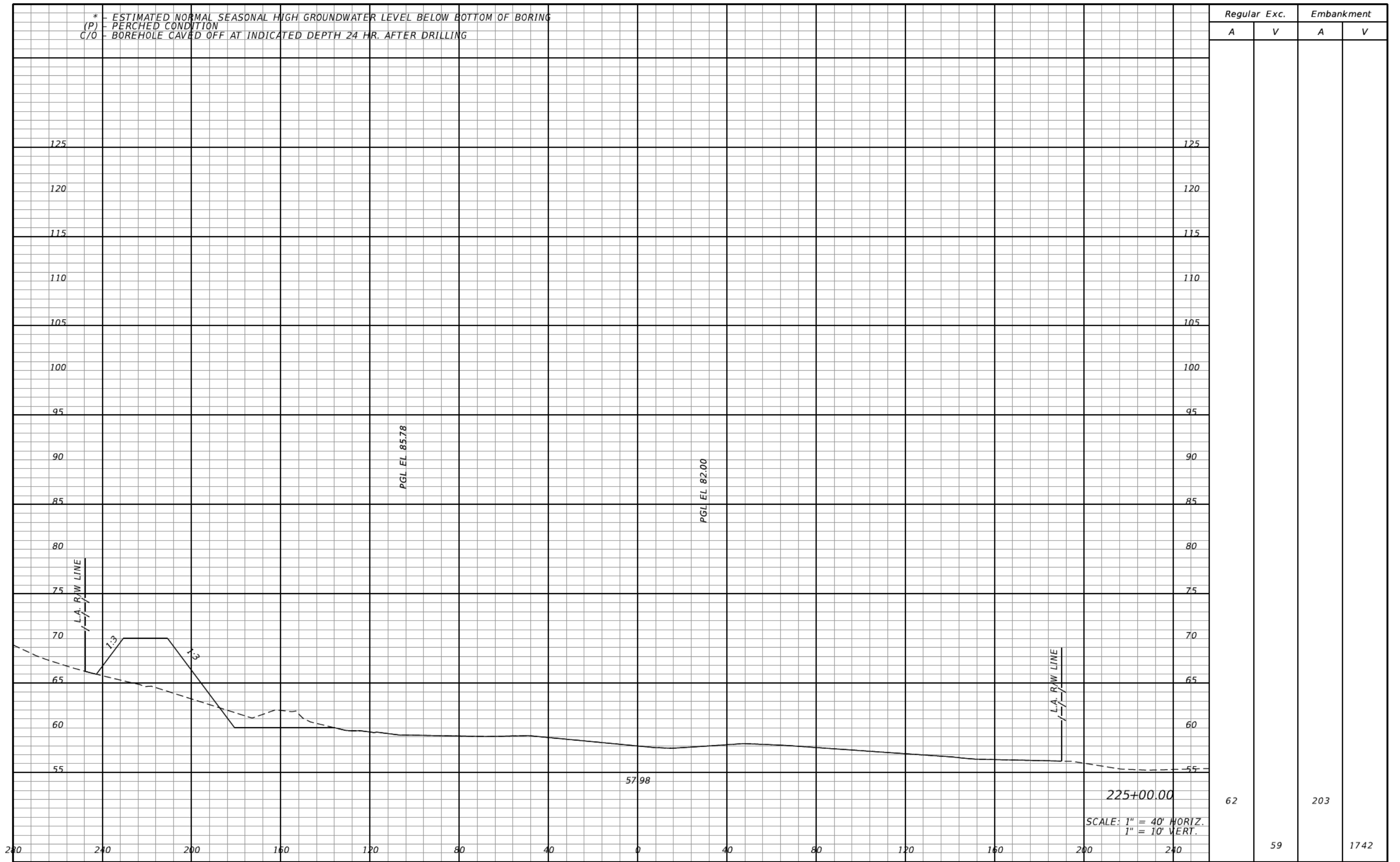


CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 401

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
 A V A V



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY**
 ROAD NO. PROJECT NO.
 SR 429 429-203

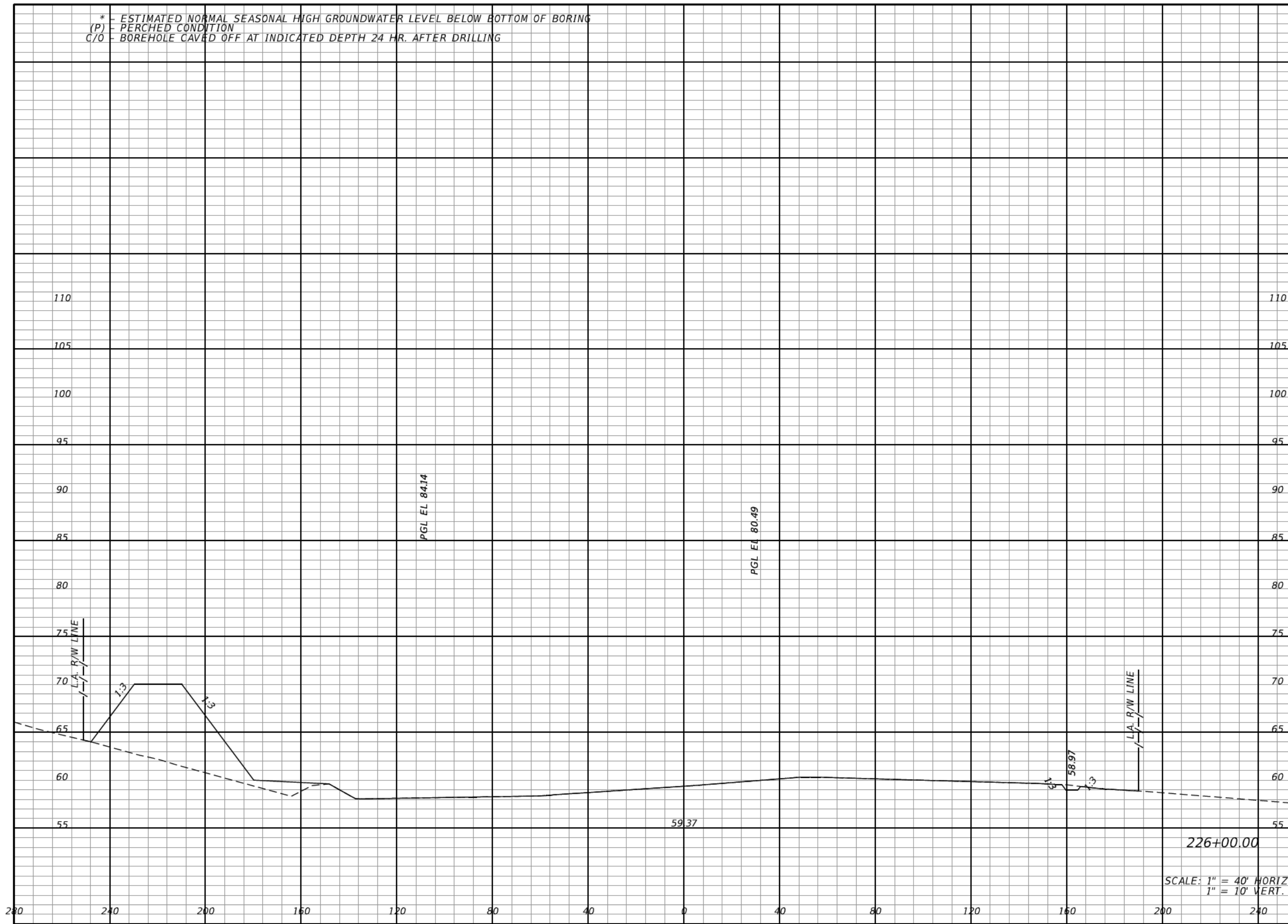


**CROSS SECTIONS
 SR 429 (WEKIVA PKWY)**

SHEET NO.
 402

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
3		385	
	120		1089

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**
ROAD NO. PROJECT NO.
SR 429 429-203

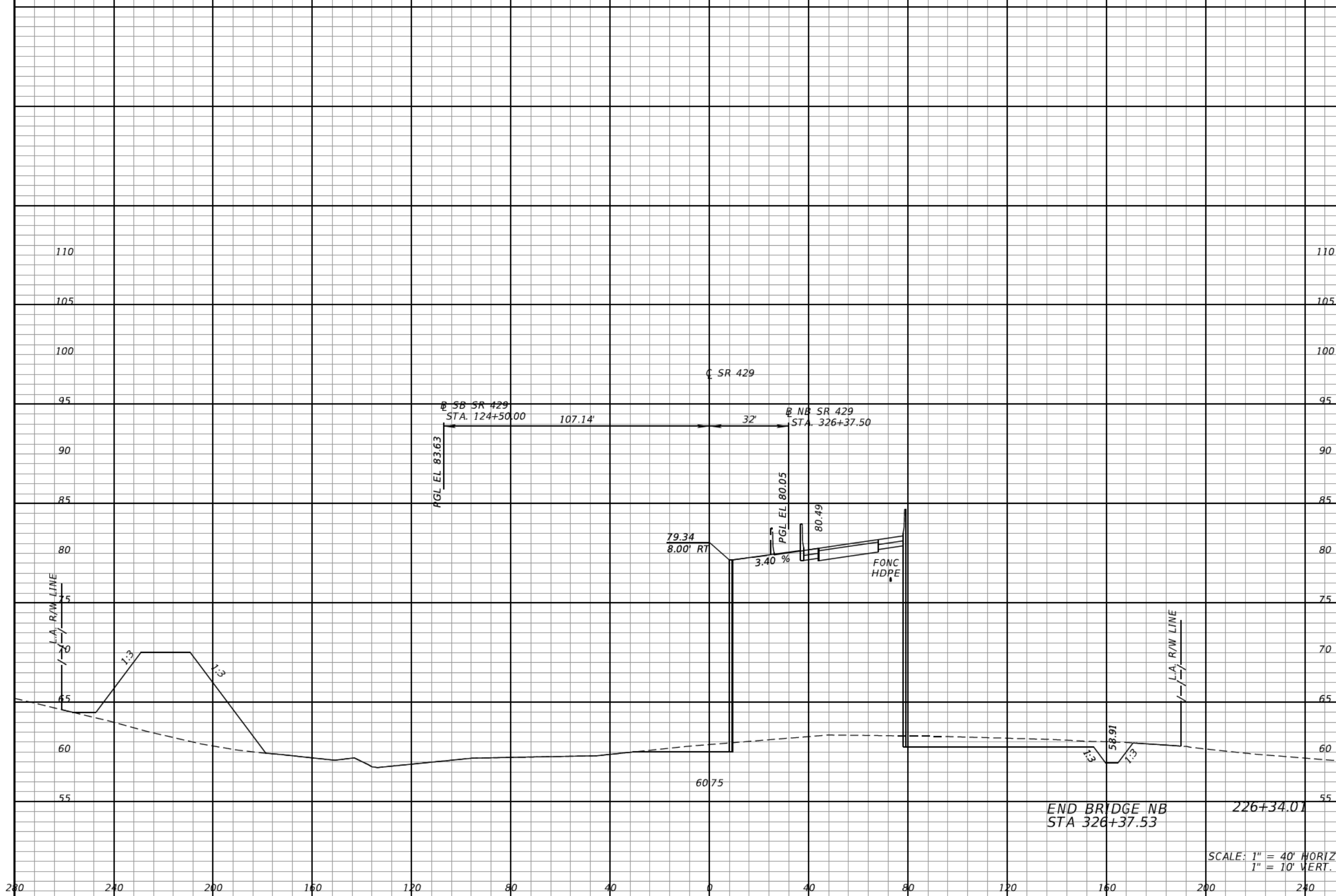


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
403

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
112				1645	
	72				1278



SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203

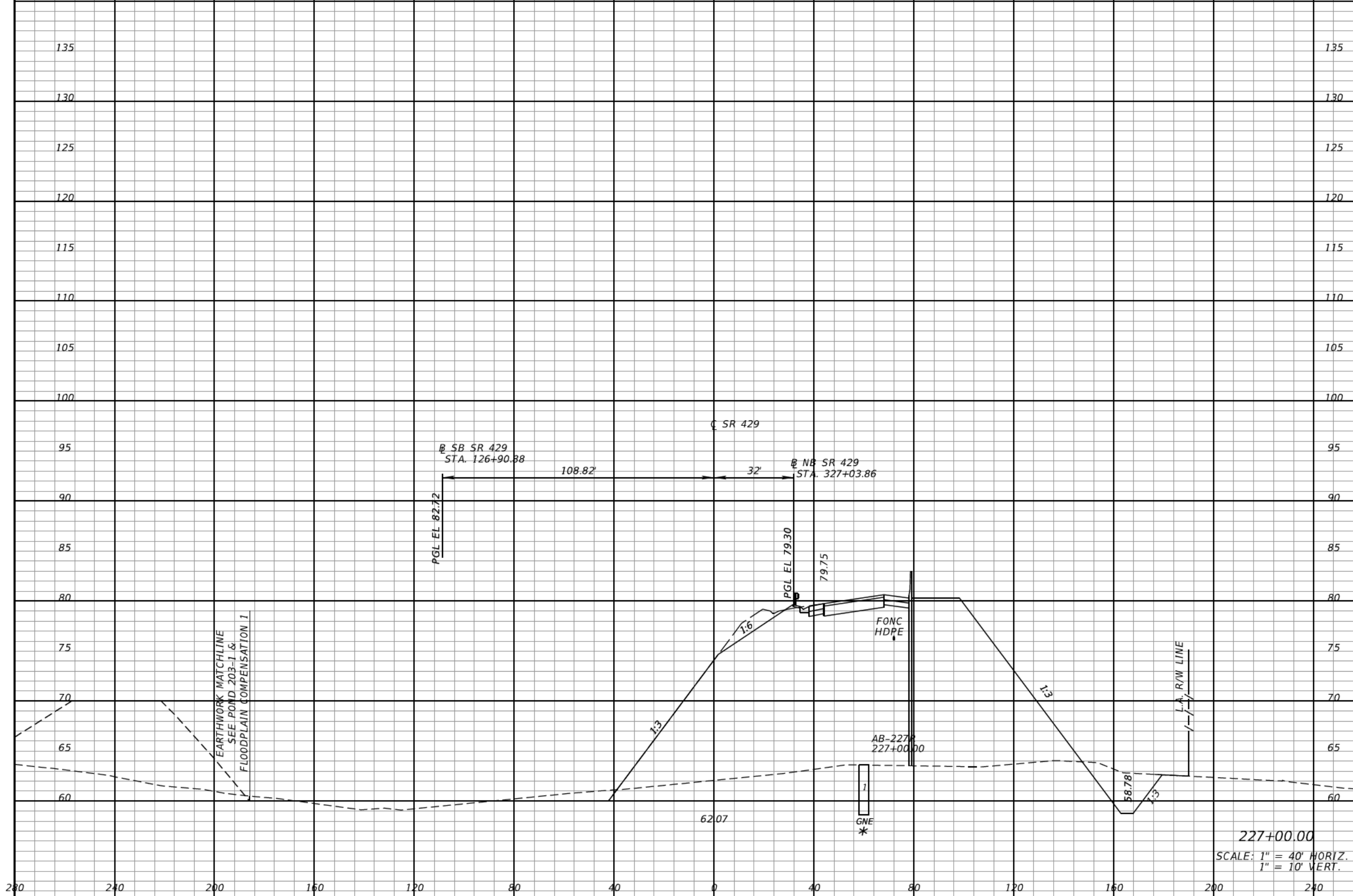


CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 404

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V



135					135
130					130
125					125
120					120
115					115
110					110
105					105
100					100
95					95
90					90
85					85
80					80
75					75
70					70
65					65
60					60
280	240	200	160	120	80
40	0	40	80	120	160
200	240				

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
405

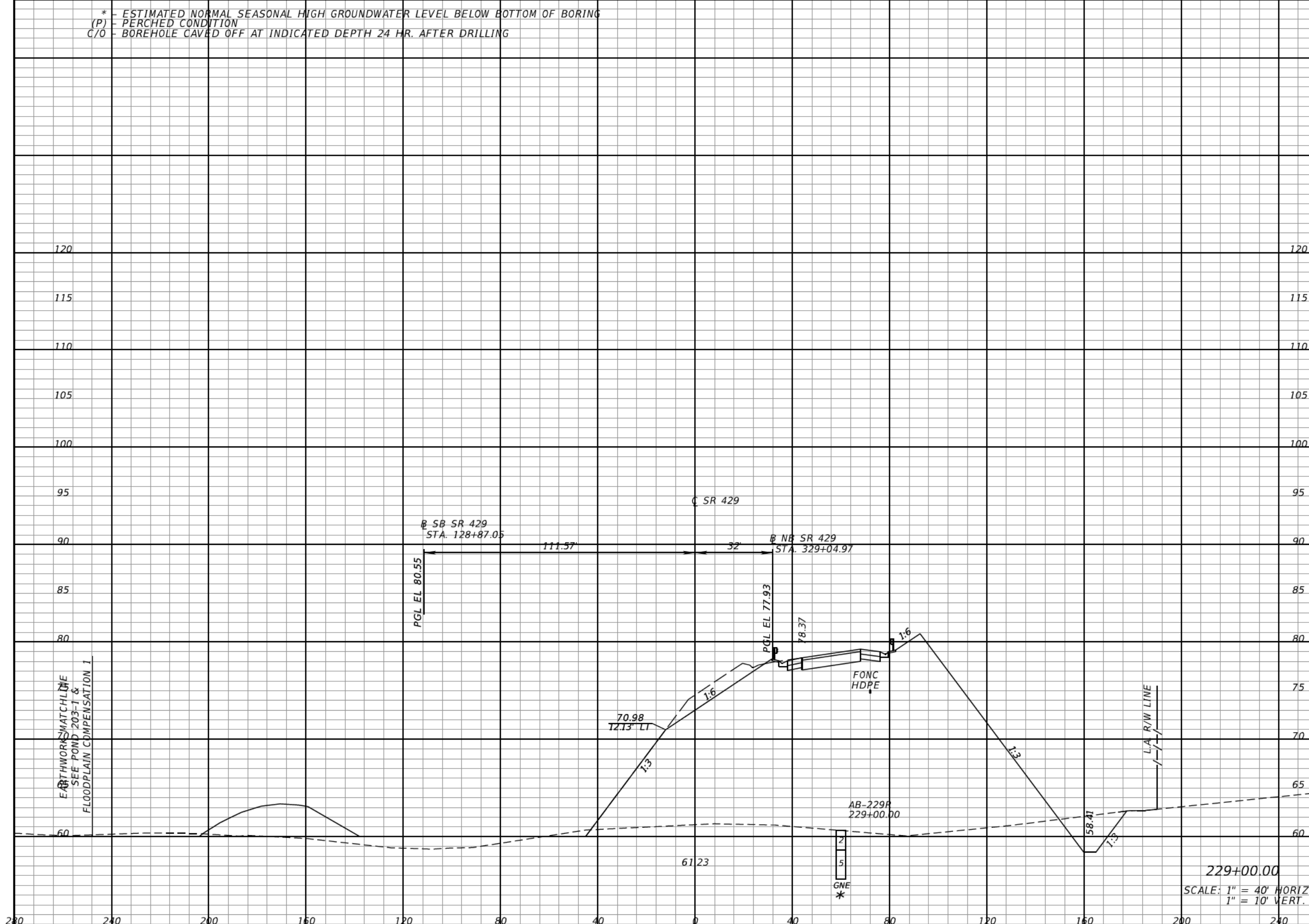
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

111 272 4714
227+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



82

2618

542

8536

229+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**
ROAD NO. PROJECT NO.
SR 429 429-203

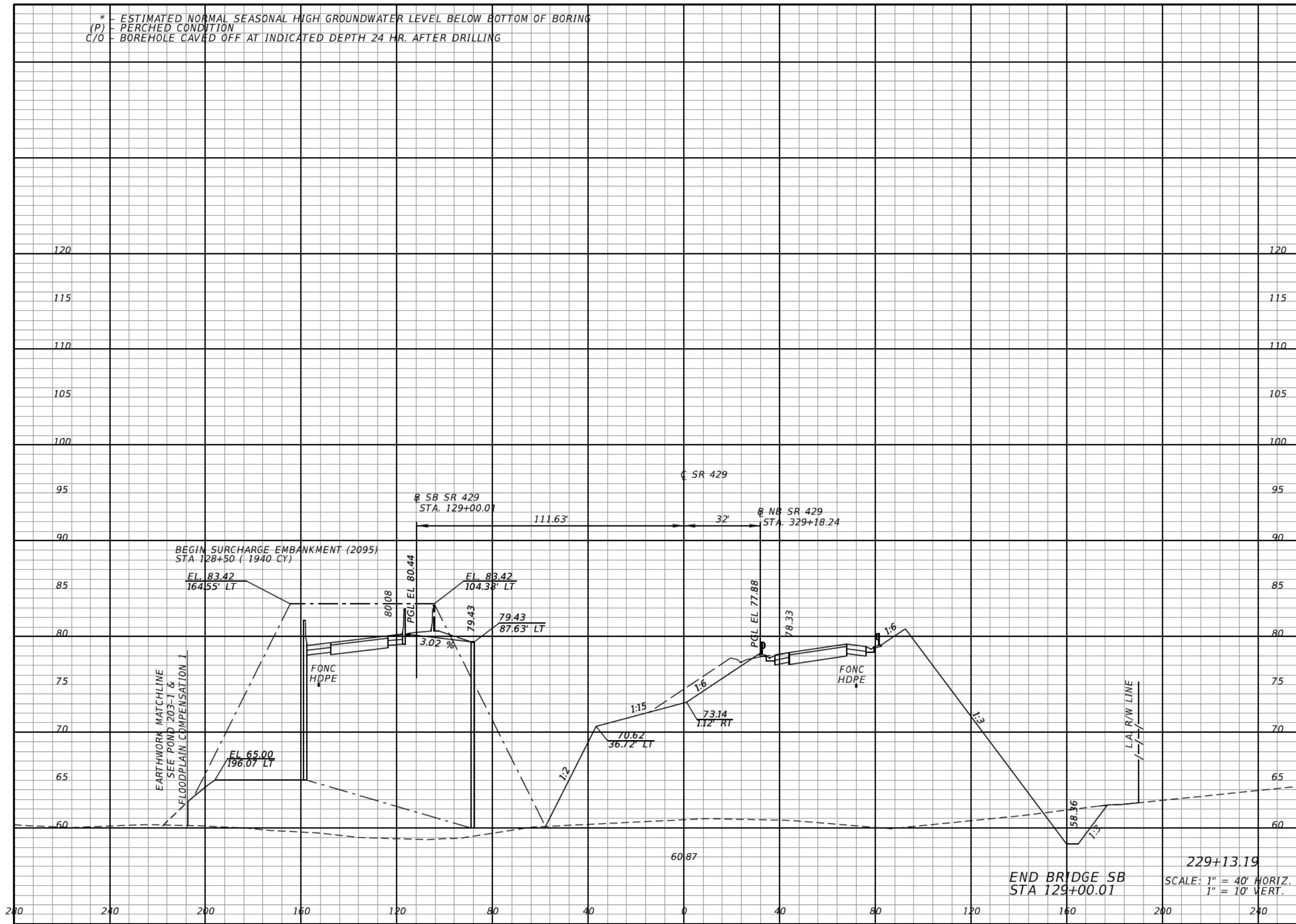


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
407

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
58				4281 (A-3) (0)	
	34				1685



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
408

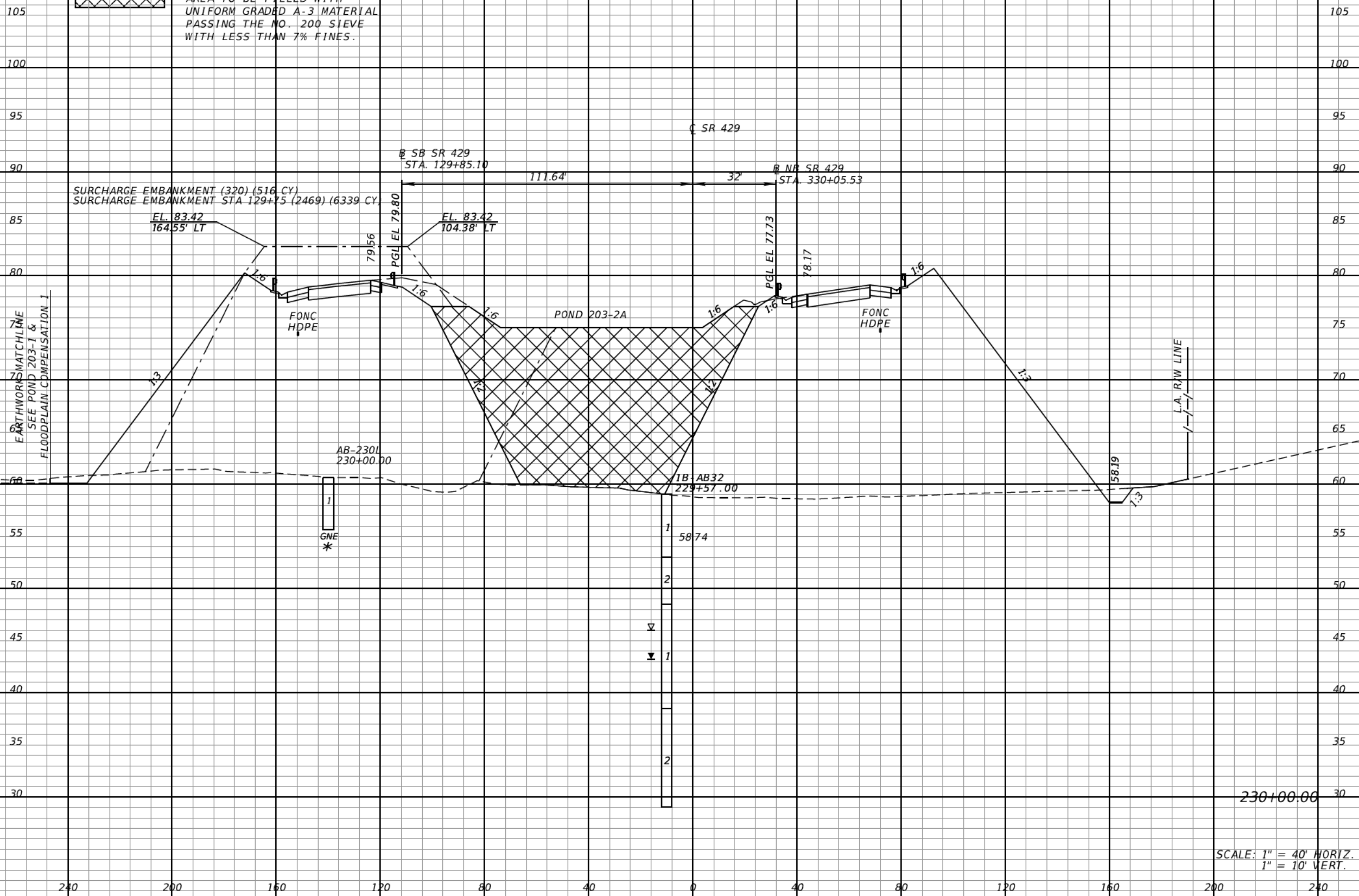
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.	Embankment	
A	V	A	V	
21				
		5834		
		(A-3)		
		(1402)		
	128			
		16261		
		(A-3)		
		(2596)		

LEGEND



AREA TO BE FILLED WITH
 UNIFORM GRADED A-3 MATERIAL
 PASSING THE NO. 200 SIEVE
 WITH LESS THAN 7% FINES.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203




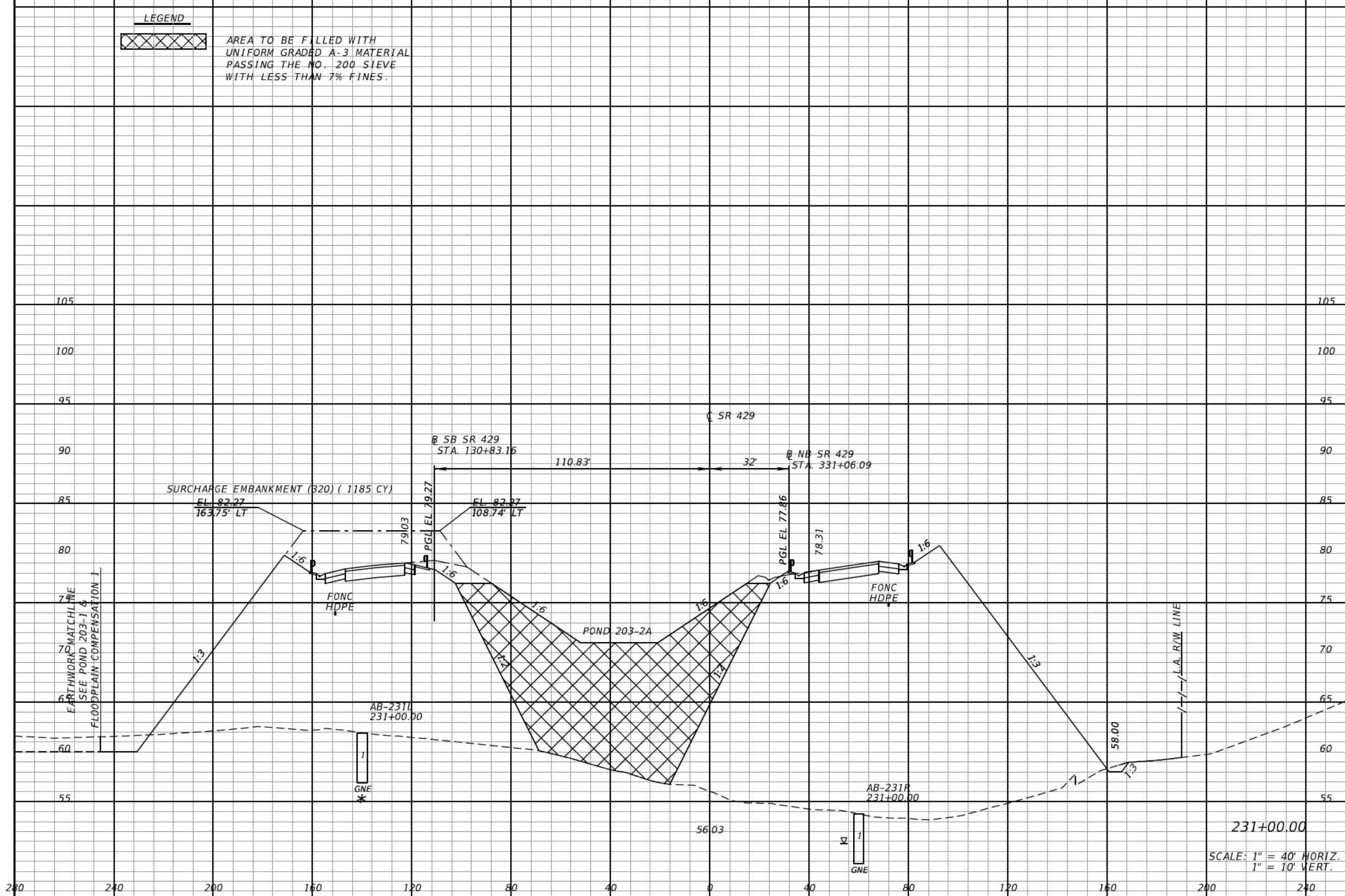
CROSS SECTIONS
 SR 429 (WEKIVA PKWY)

SHEET
 NO.
 409

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.	Embankment	
A	V		A	V

LEGEND
 AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



32
99

6160
(A-3)
(1271)
22212
(A-3)
(4950)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



CROSS SECTIONS
 SR 429 (WEKIVA PKWY)

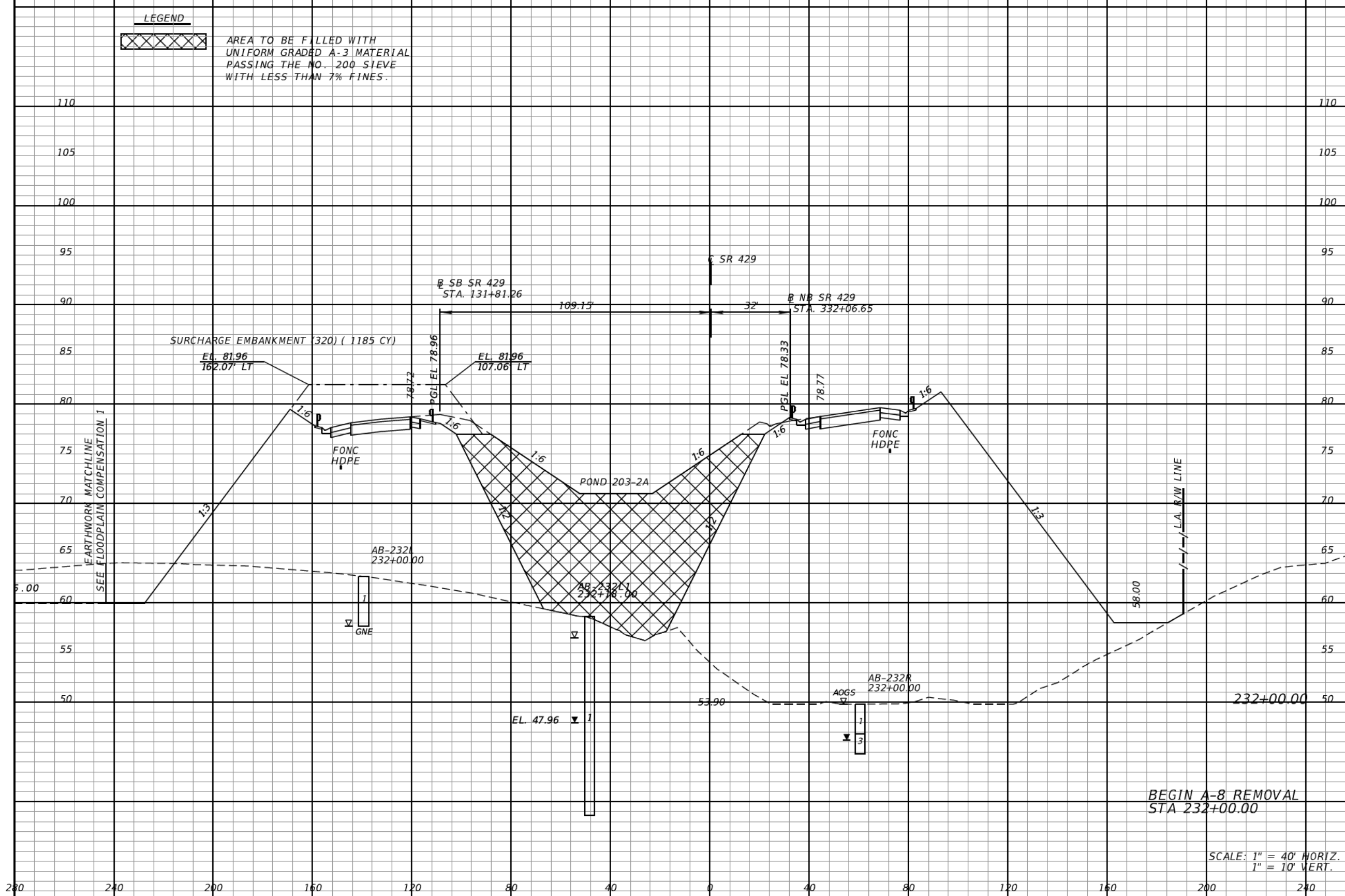
SHEET NO.
410

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc.		Embankment	
A	V	A	V

LEGEND

[Cross-hatched box] AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



Regular Exc.		Embankment	
A	V	A	V
87 (0)	219	6771 (A-3) (1261)	23946 (A-3) (4689)

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
411

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

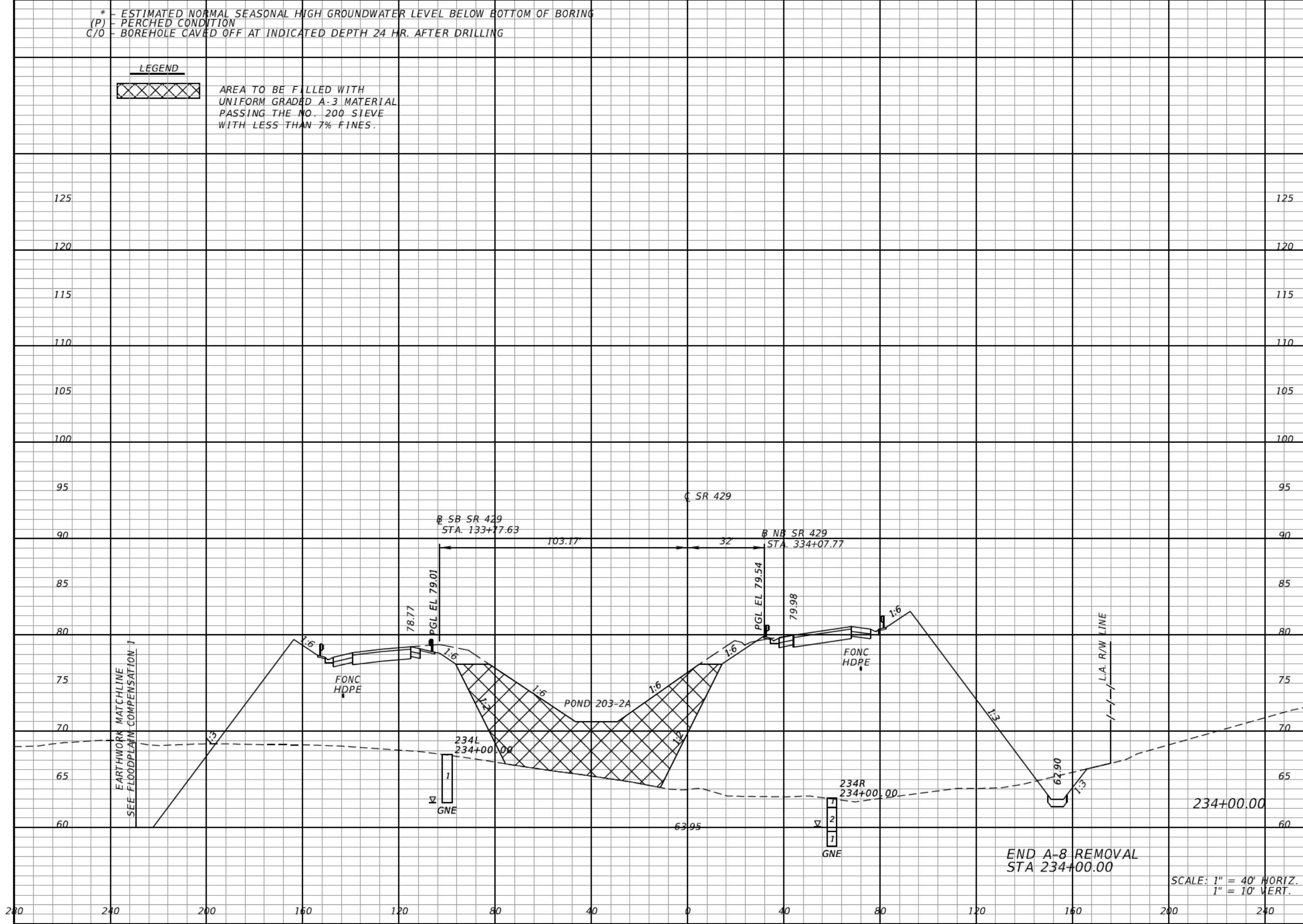
Regular Exc. Embankment

A V A V

LEGEND



AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



Regular Exc.		Embankment	
A	V	A	V
209 (0)		3567 (A-3) (701)	
	656 (198)		16468 (A-3) (3278)

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203

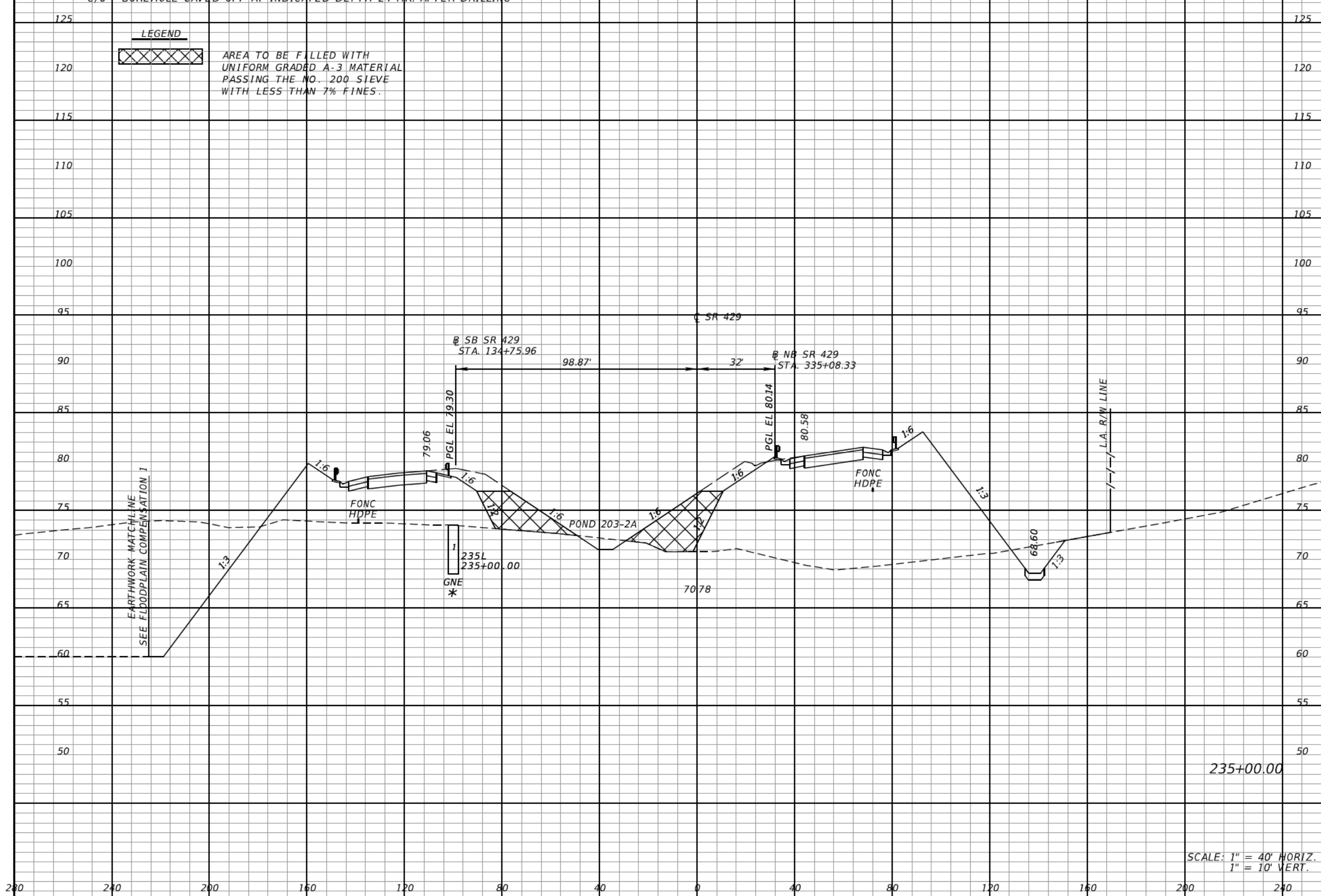


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
413

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
 A V A V



		418		1687 (A-3) (213)		9729 (A-3) (1693)	
		1160					
		235+00.00					

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203



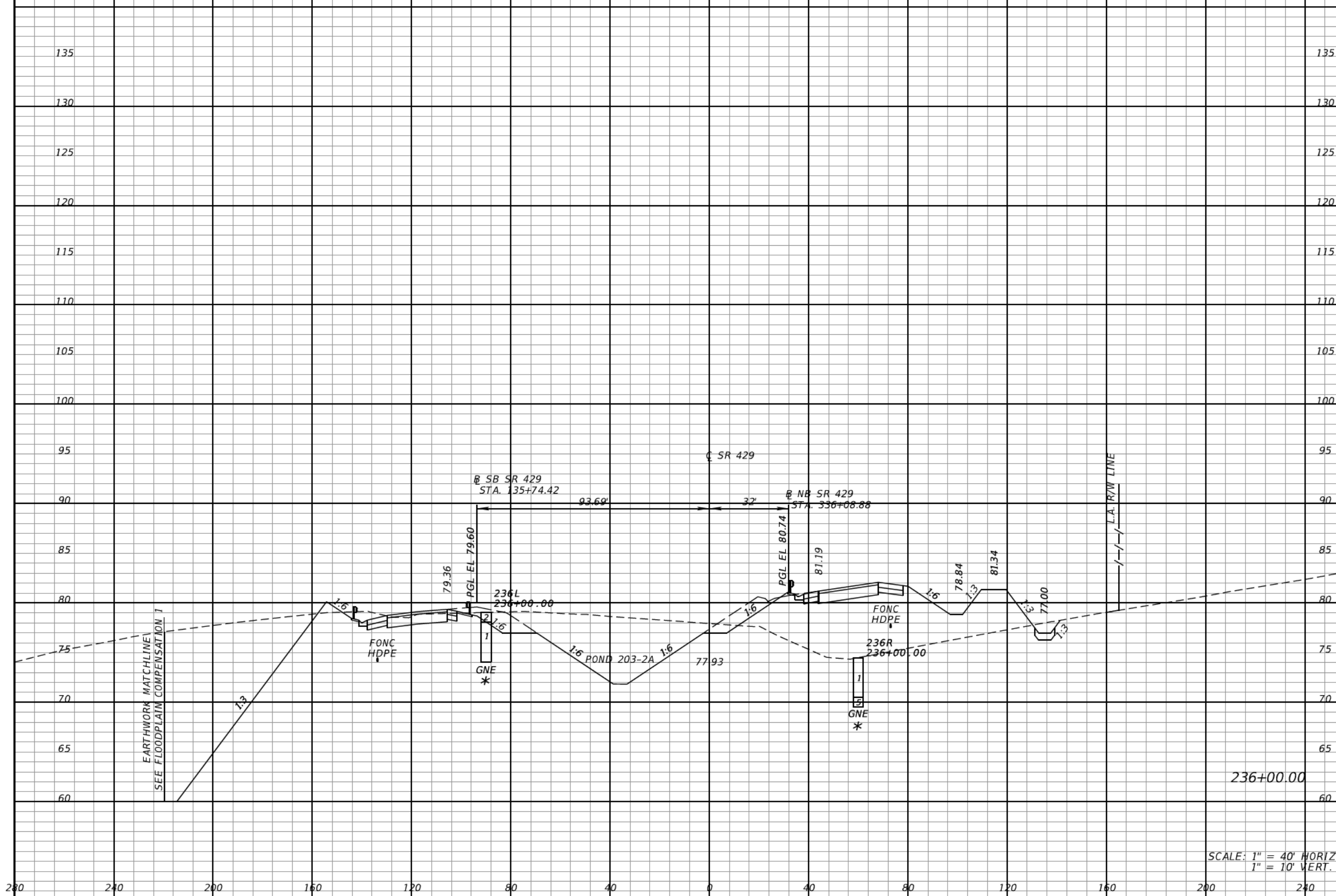
CROSS SECTIONS
 SR 429 (WEKIVA PKWY)

SHEET NO.
 414

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



Regular Exc.		Embankment	
A	V	A	V
985	2598	497 (A-3) (0)	4044 (A-3) (394)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



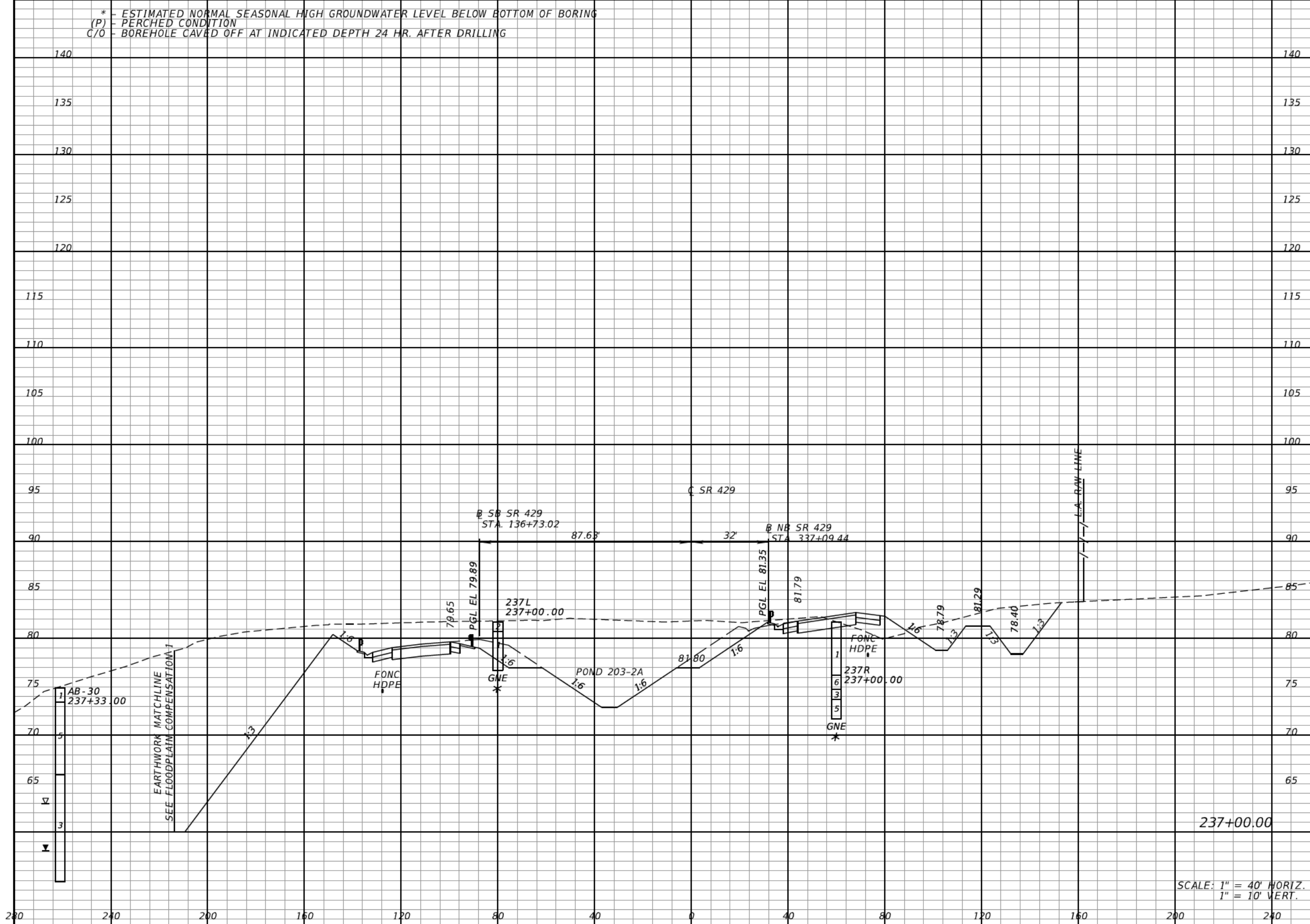
CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 415

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



237+00.00

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

				1721	26	5010	968

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



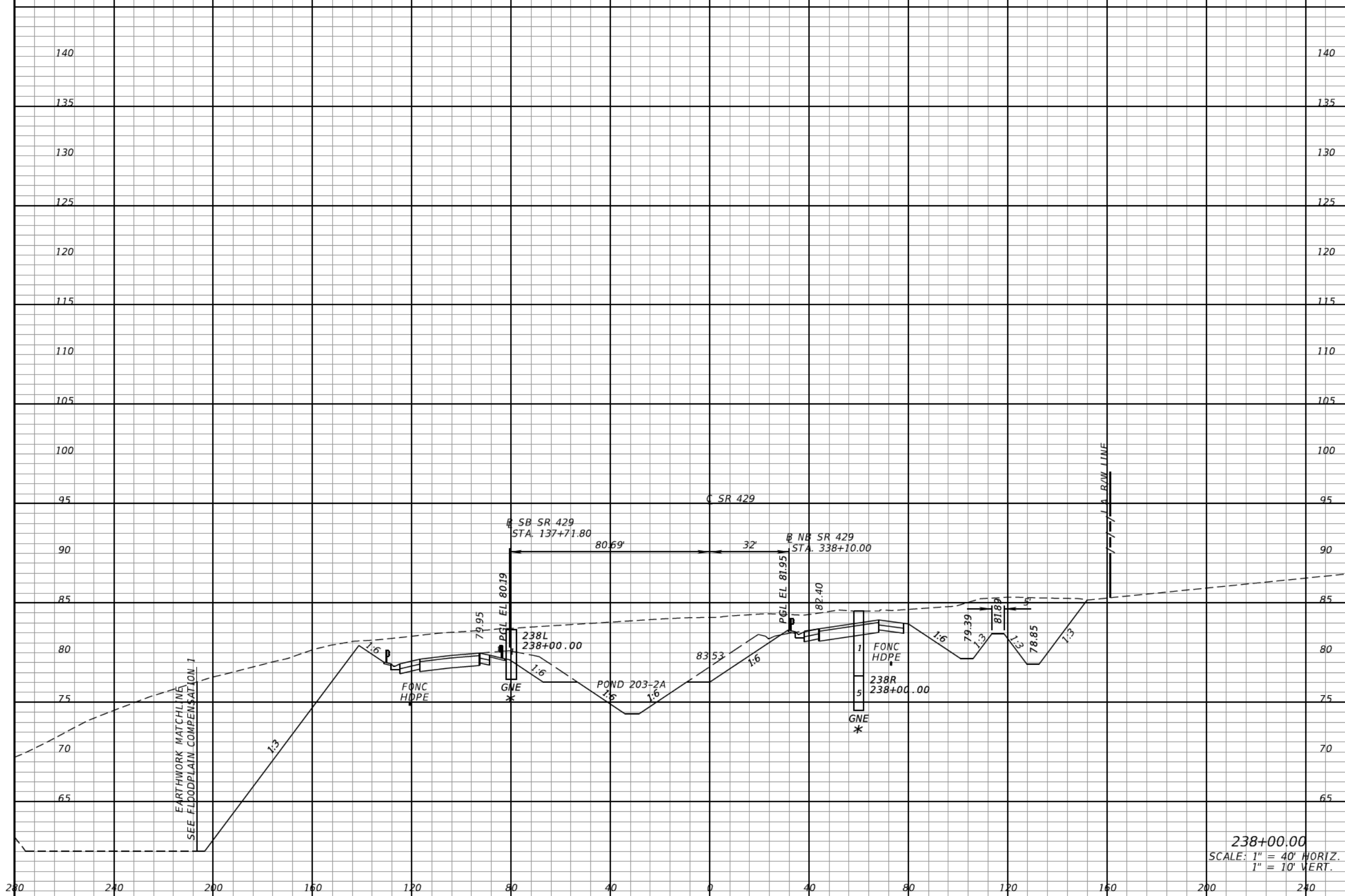
**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
416

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



238+00.00
 SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

1892	0	6690	48
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
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 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203

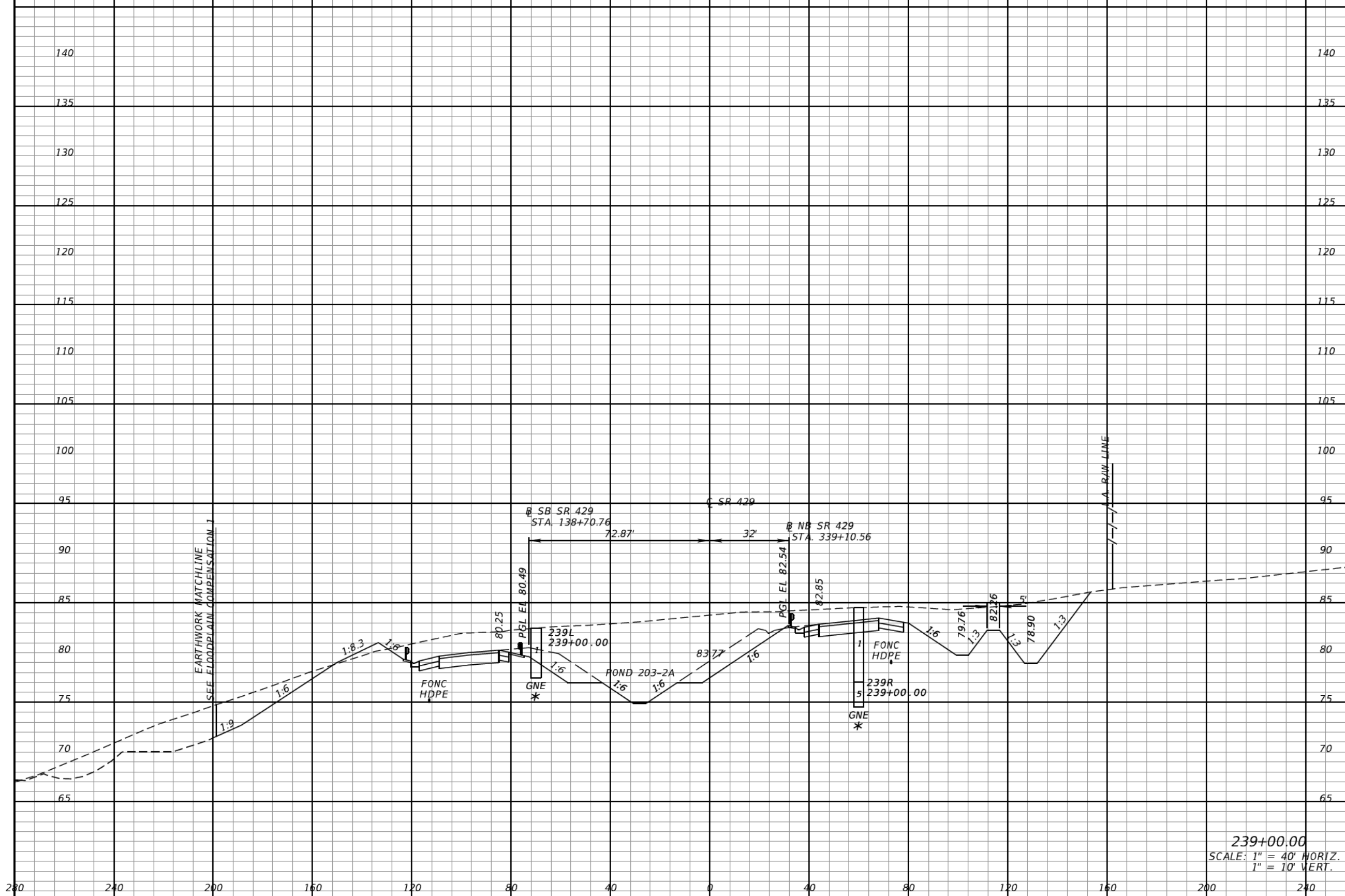


CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 417

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V



239+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

1193	9	5712	17
------	---	------	----

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

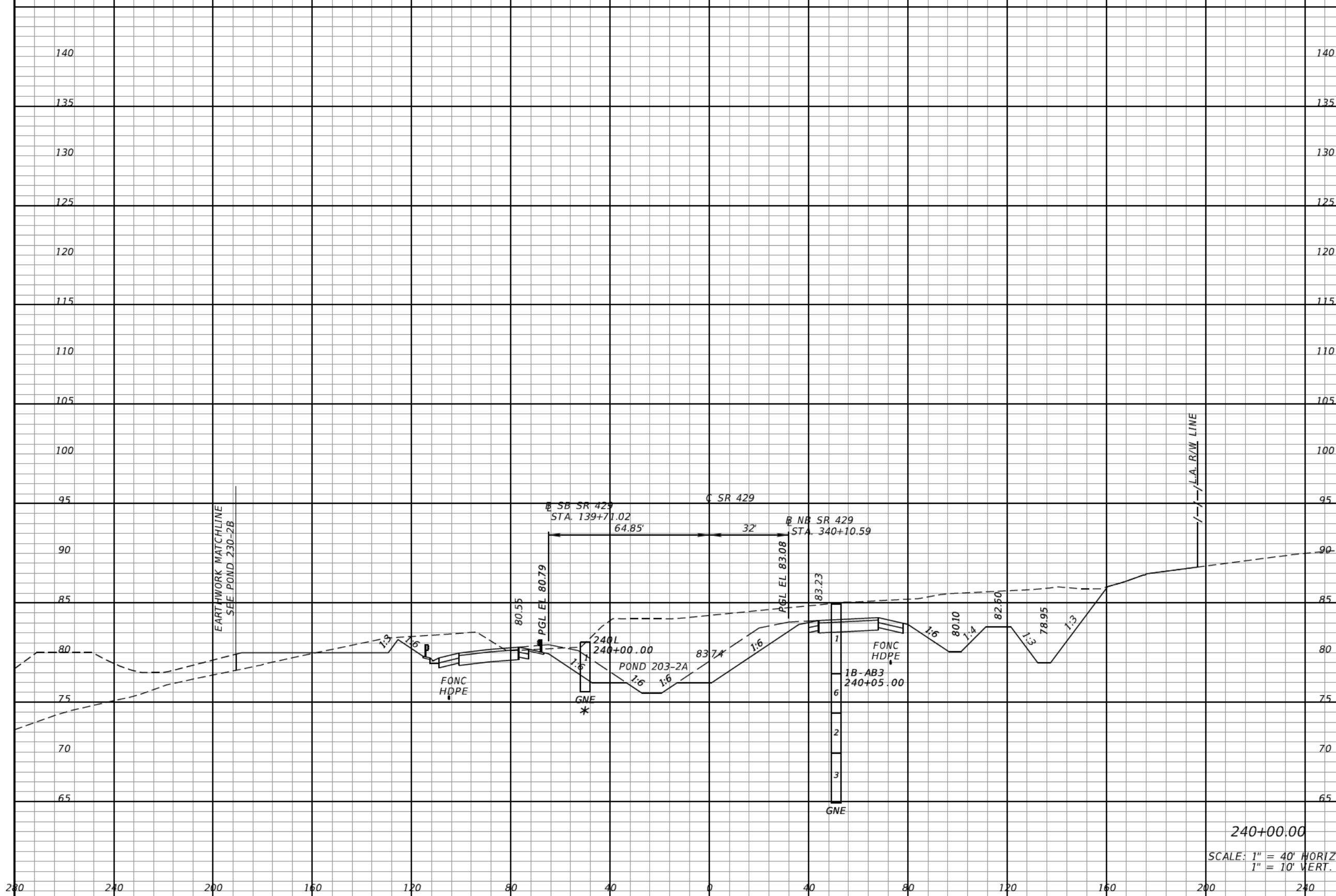


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
418

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
1133				29	
		4307			70



240+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



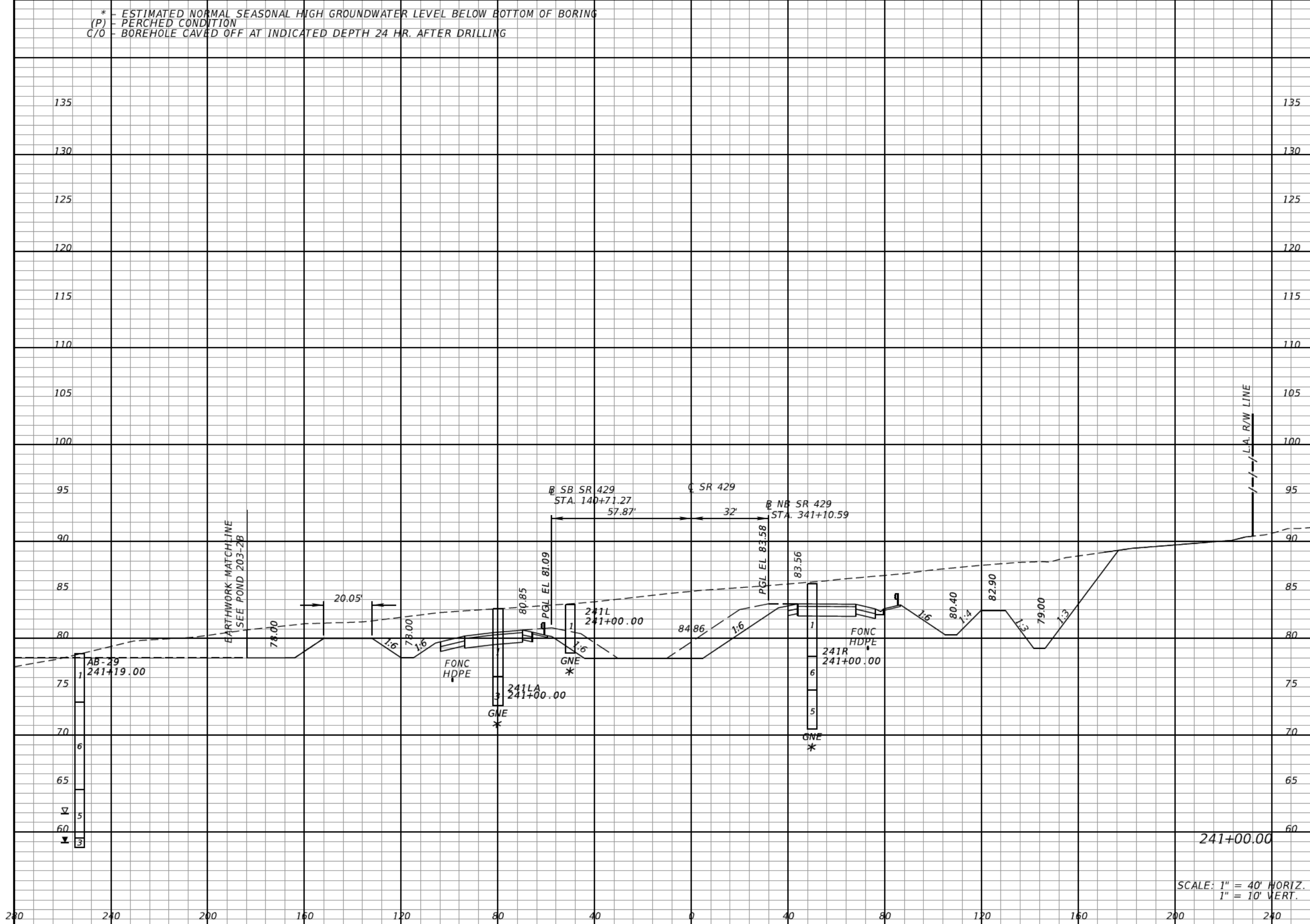
**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
419

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



135	130	125	120	115	110	105	100	95	90	85	80	75	70	65	60	241+00.00	1580		0

241+00.00

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

	5026		53

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



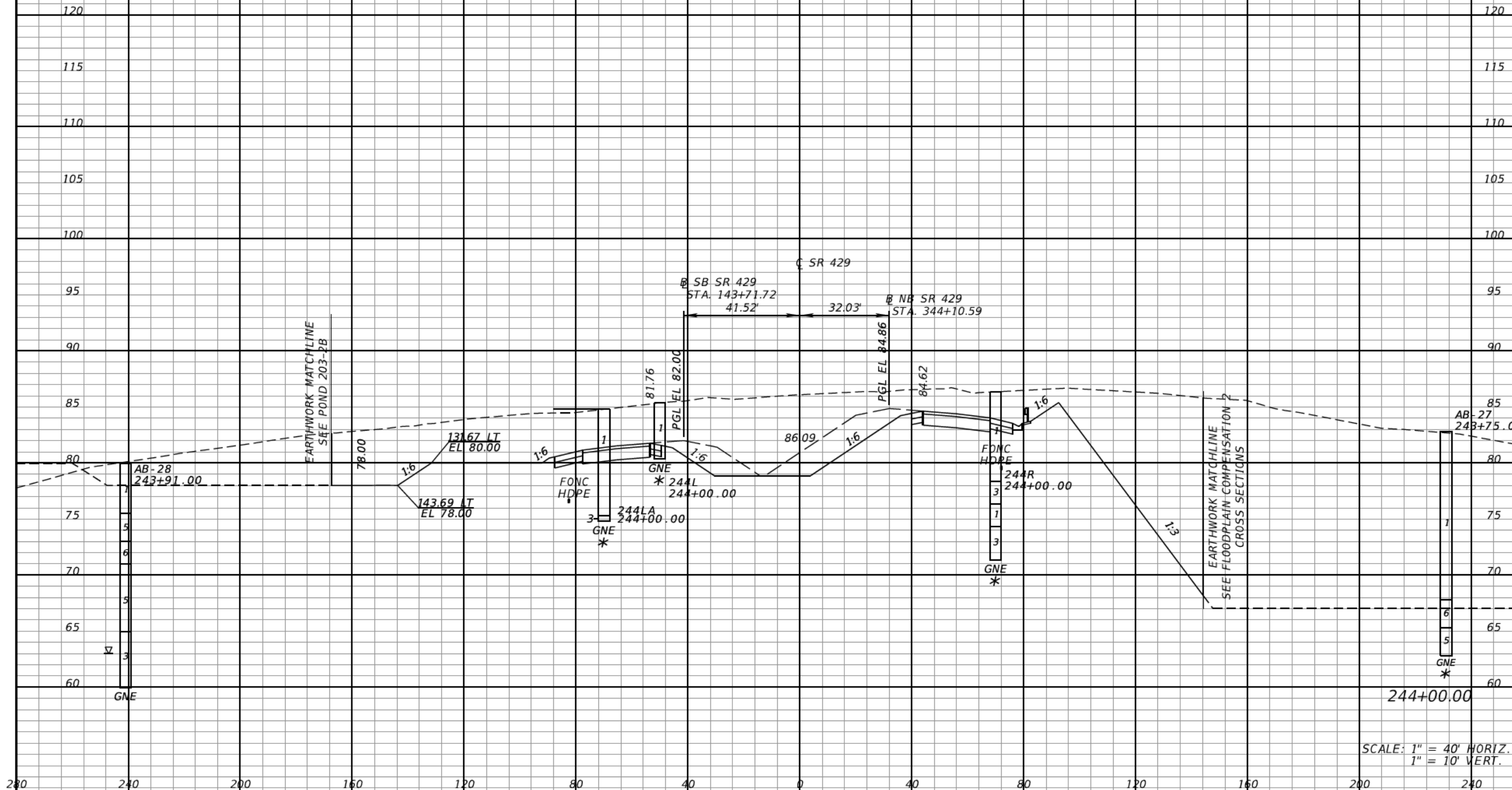
**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
420

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



1684	0	0	0
6836			

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203

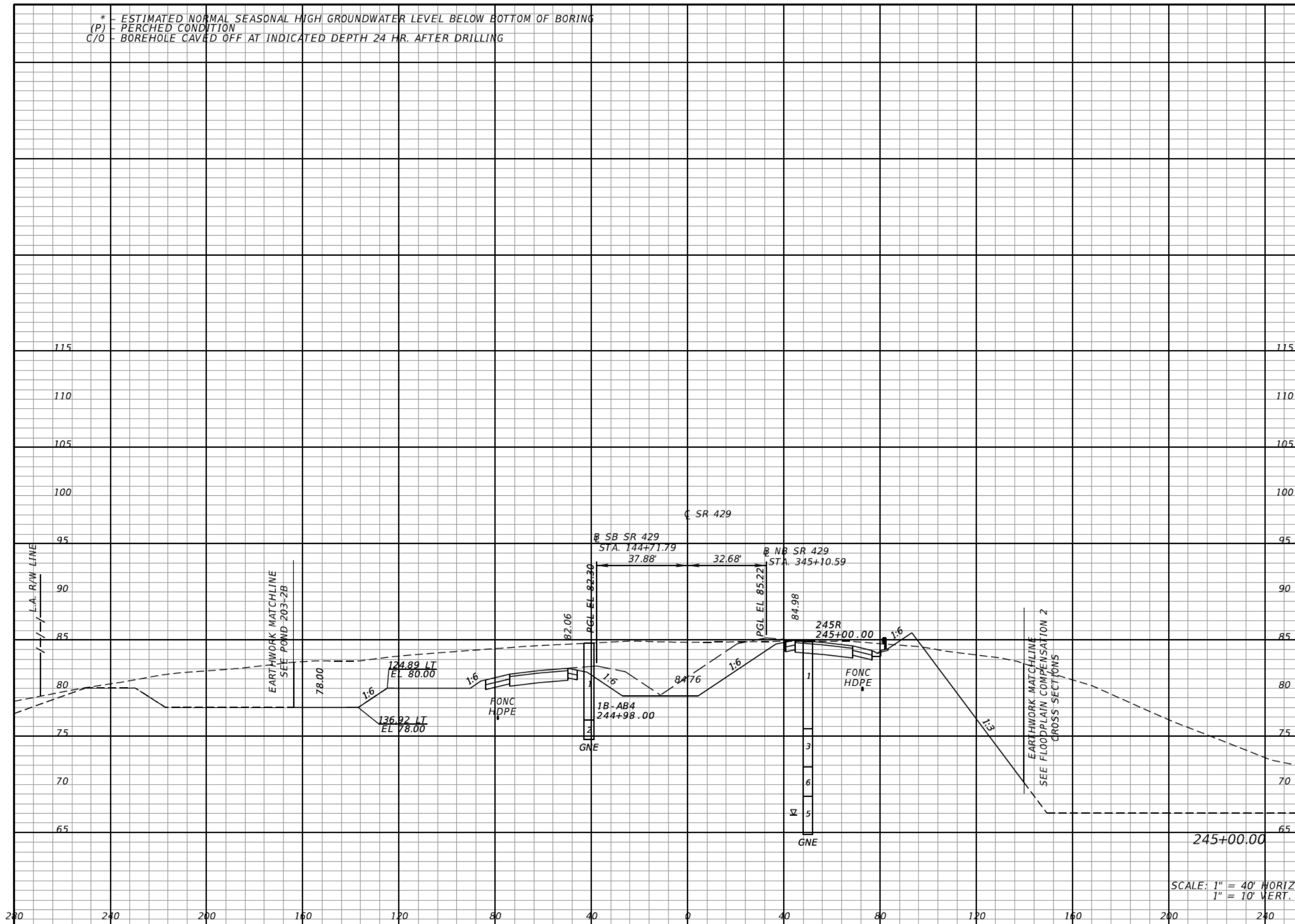


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO. 423

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
1139				8	
	5228				15



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

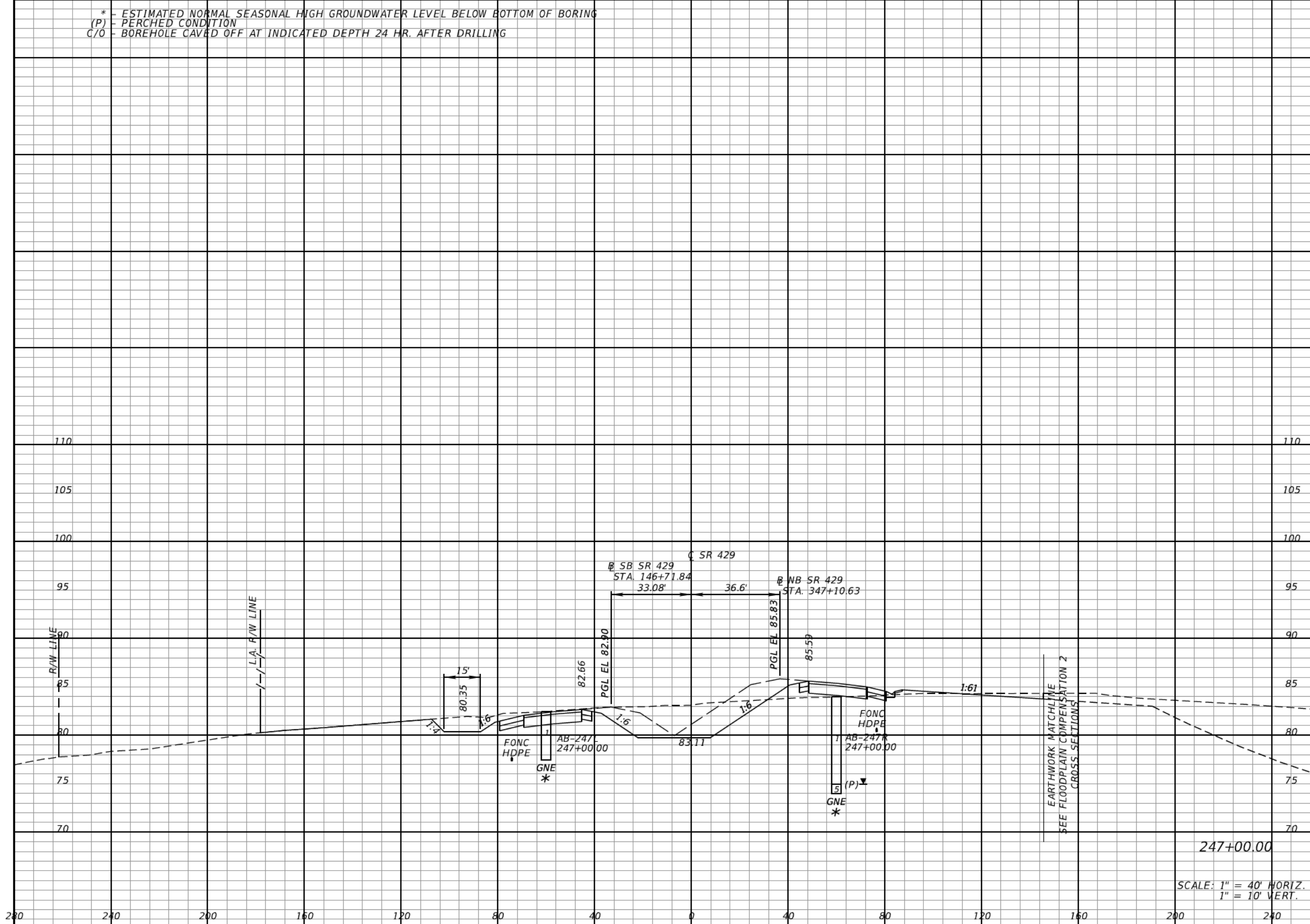


CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 424

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V



Regular		Exc.		Embankment	
A	V	A	V	A	V
275	1694	24	84		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

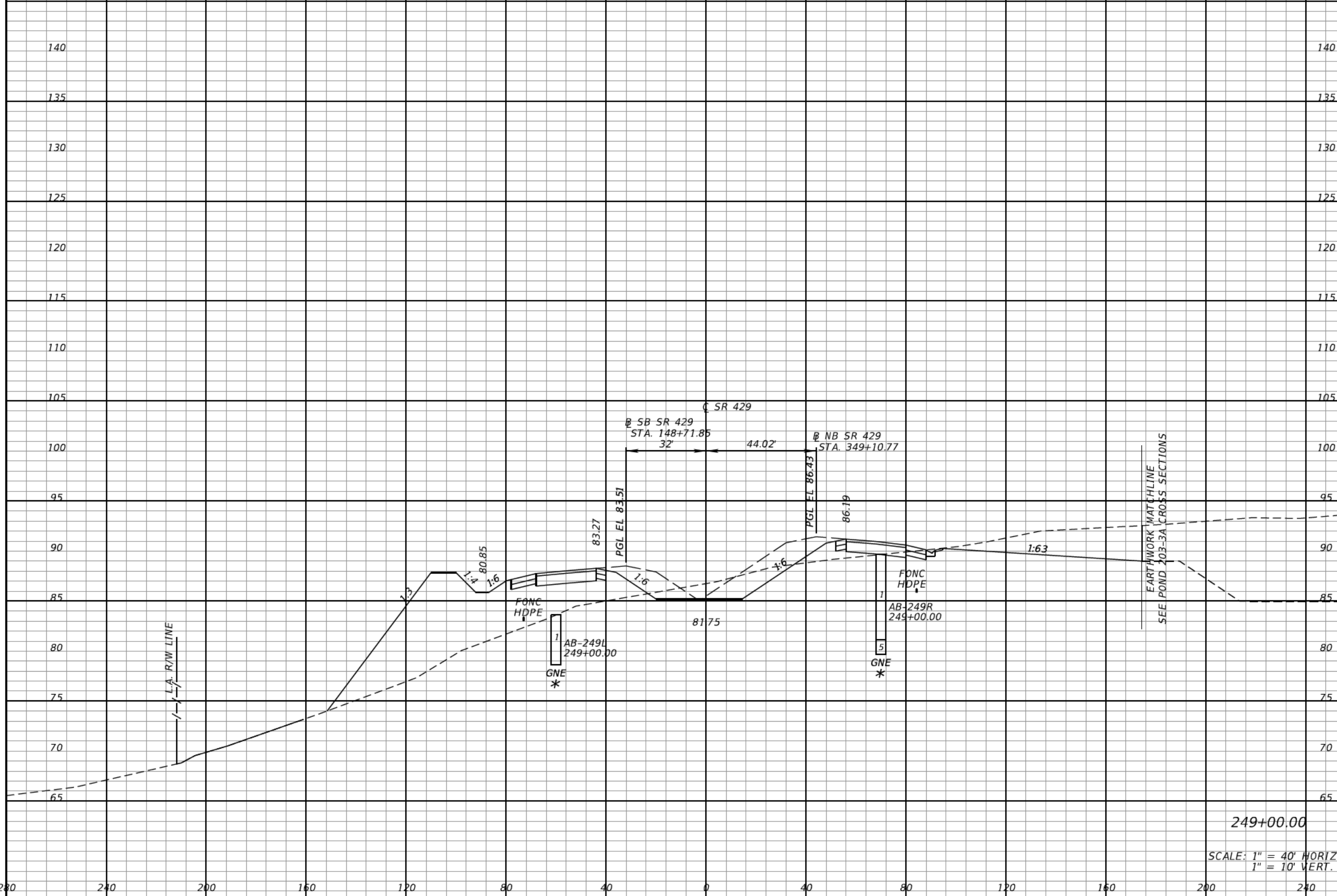


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
426

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V



249+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

252		594			
		1006		1280	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

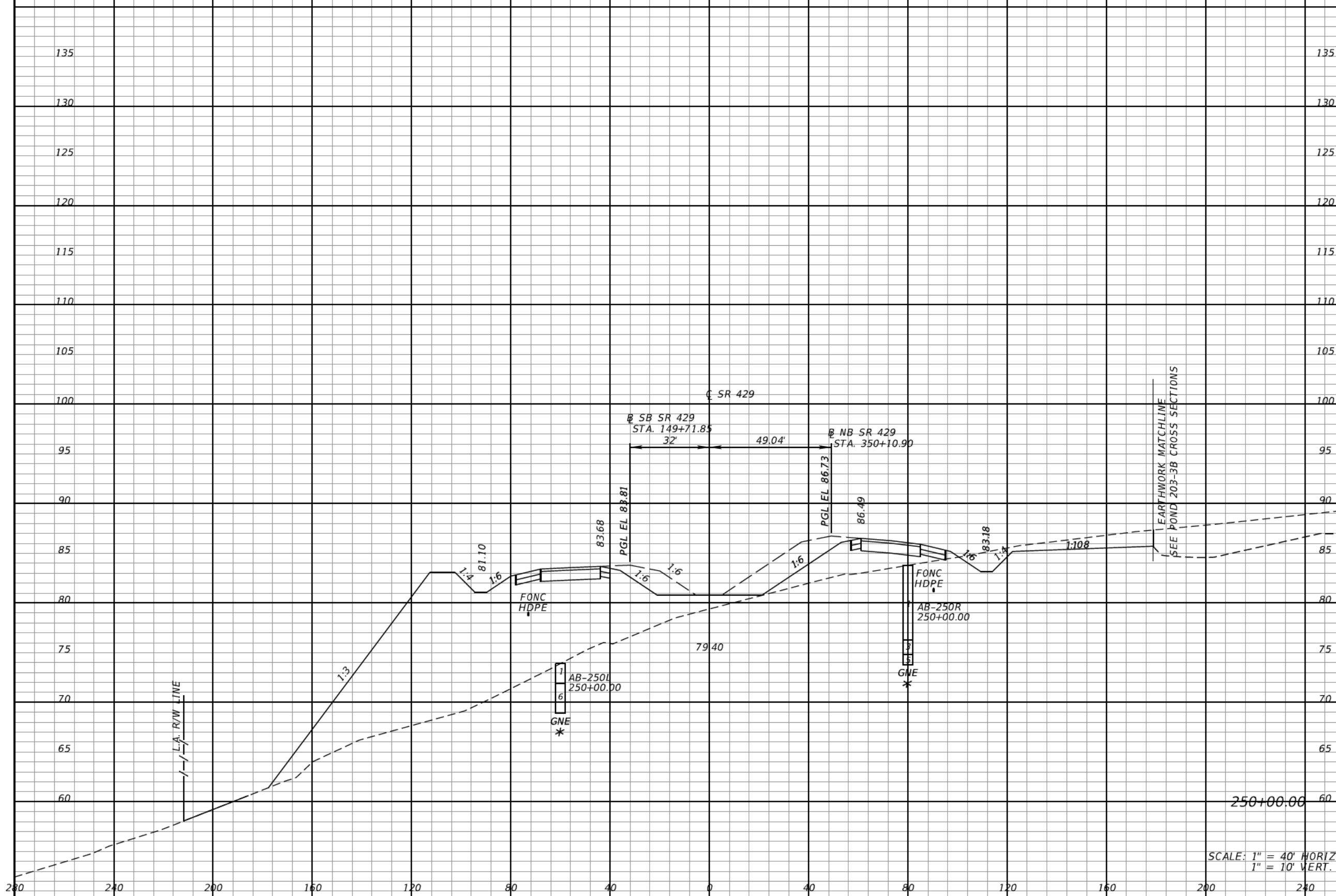


CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 428

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
89				1485	
	632				3850



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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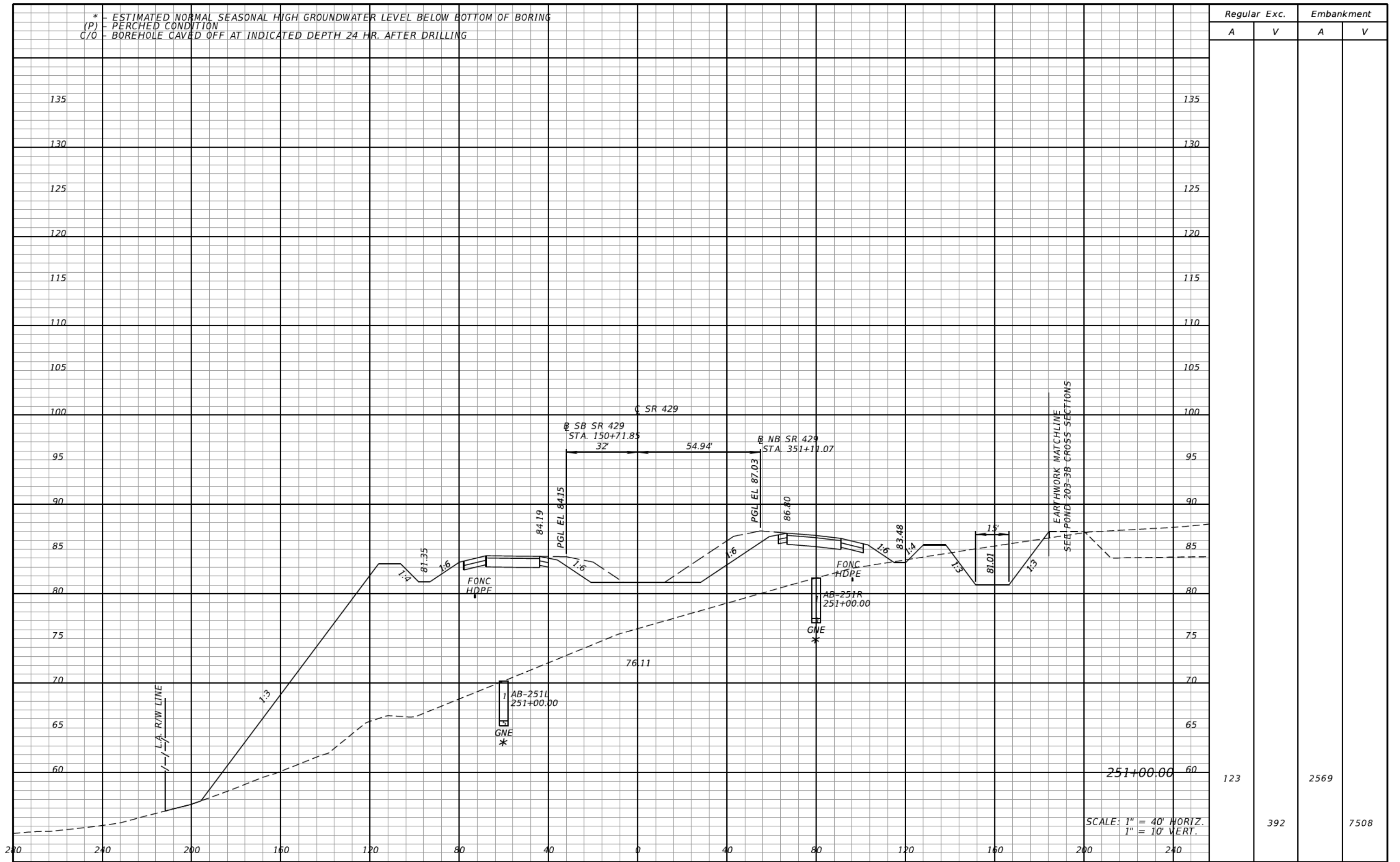
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
429

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
123				2569	
		392			7508

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

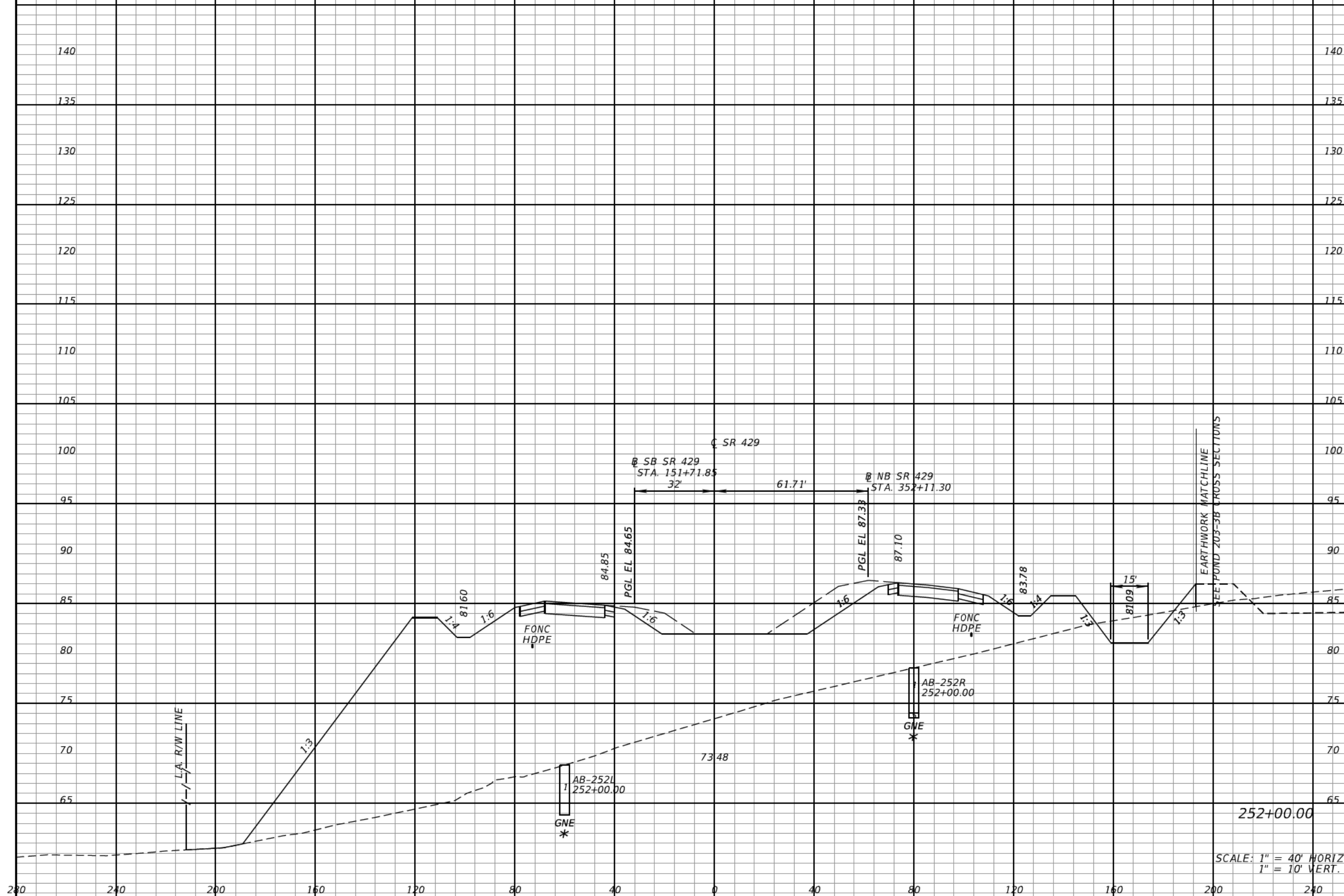


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
430

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



Regular	Exc.	Embankment	
		A	V
58	334	3297	10864

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

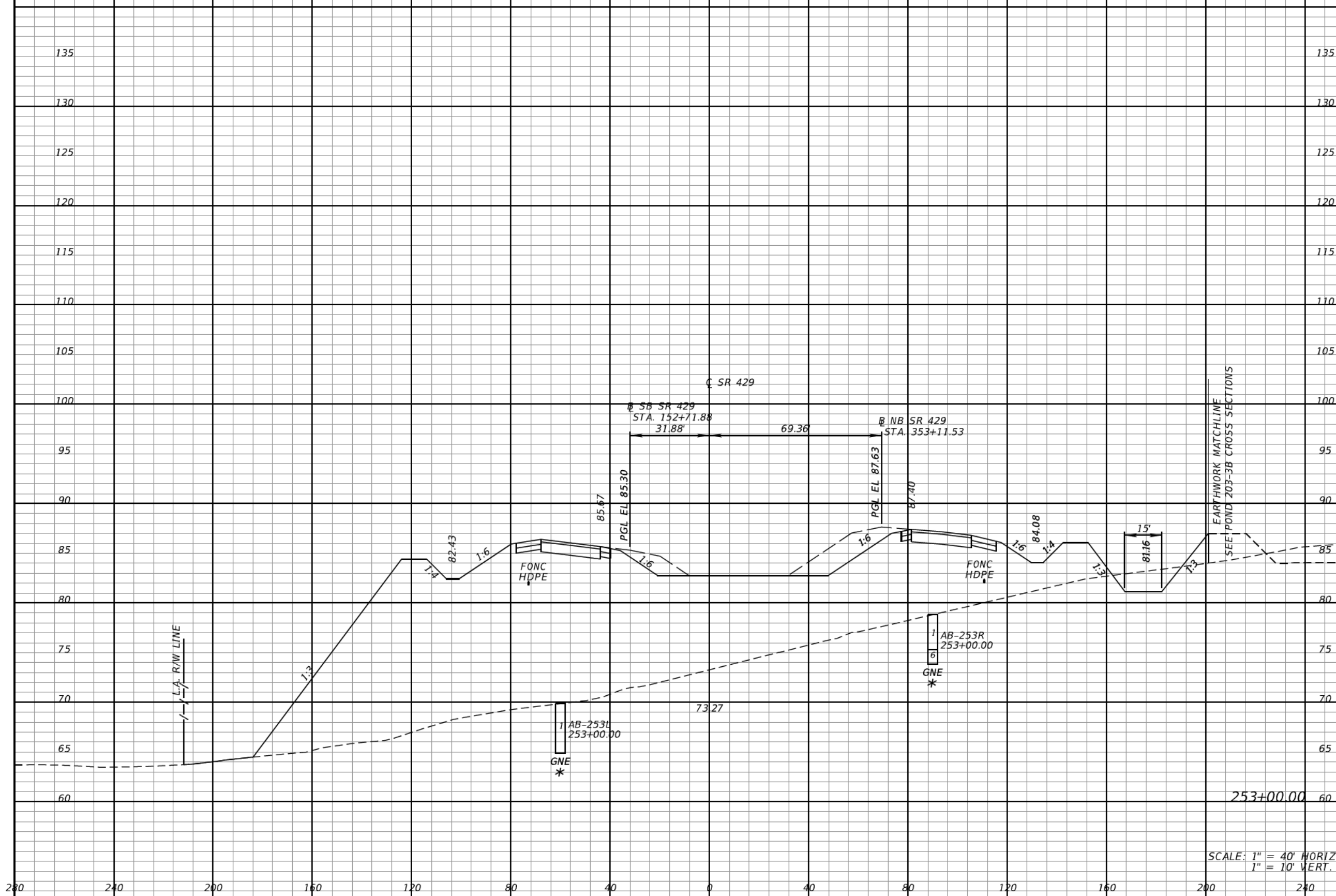


CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 431

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
43				3339	
		187			12290



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO. SR 429
PROJECT NO. 429-203

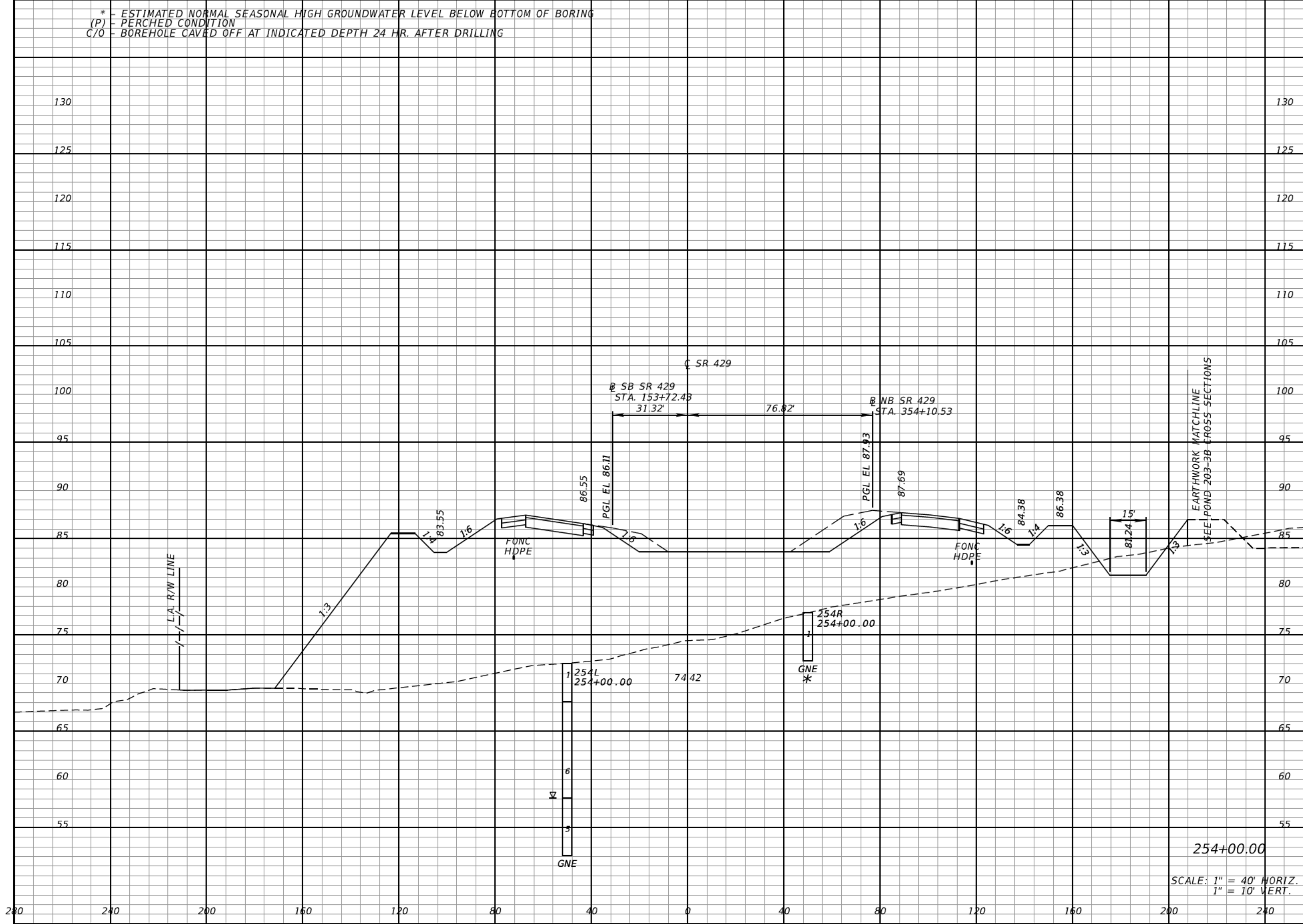


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
432

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



254+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

Regular Exc.		Embankment	
A	V	A	V
44		3148	
	160		12014

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203

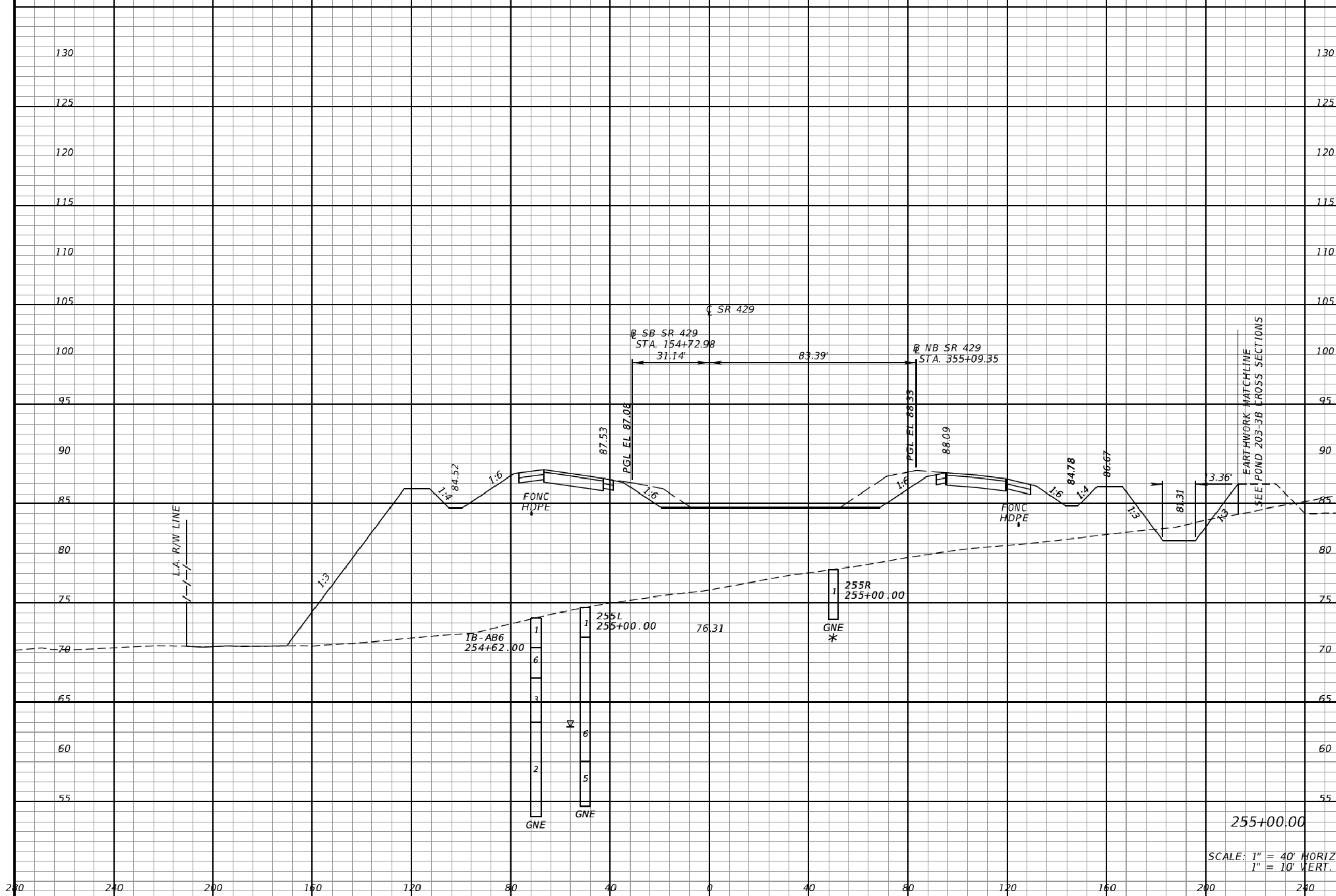


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
433

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular	Exc.	Embankment	
		A	V
27			
	130		
		2929	11255



255+00.00
 SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 ROAD NO. SR 429
 PROJECT NO. 429-203



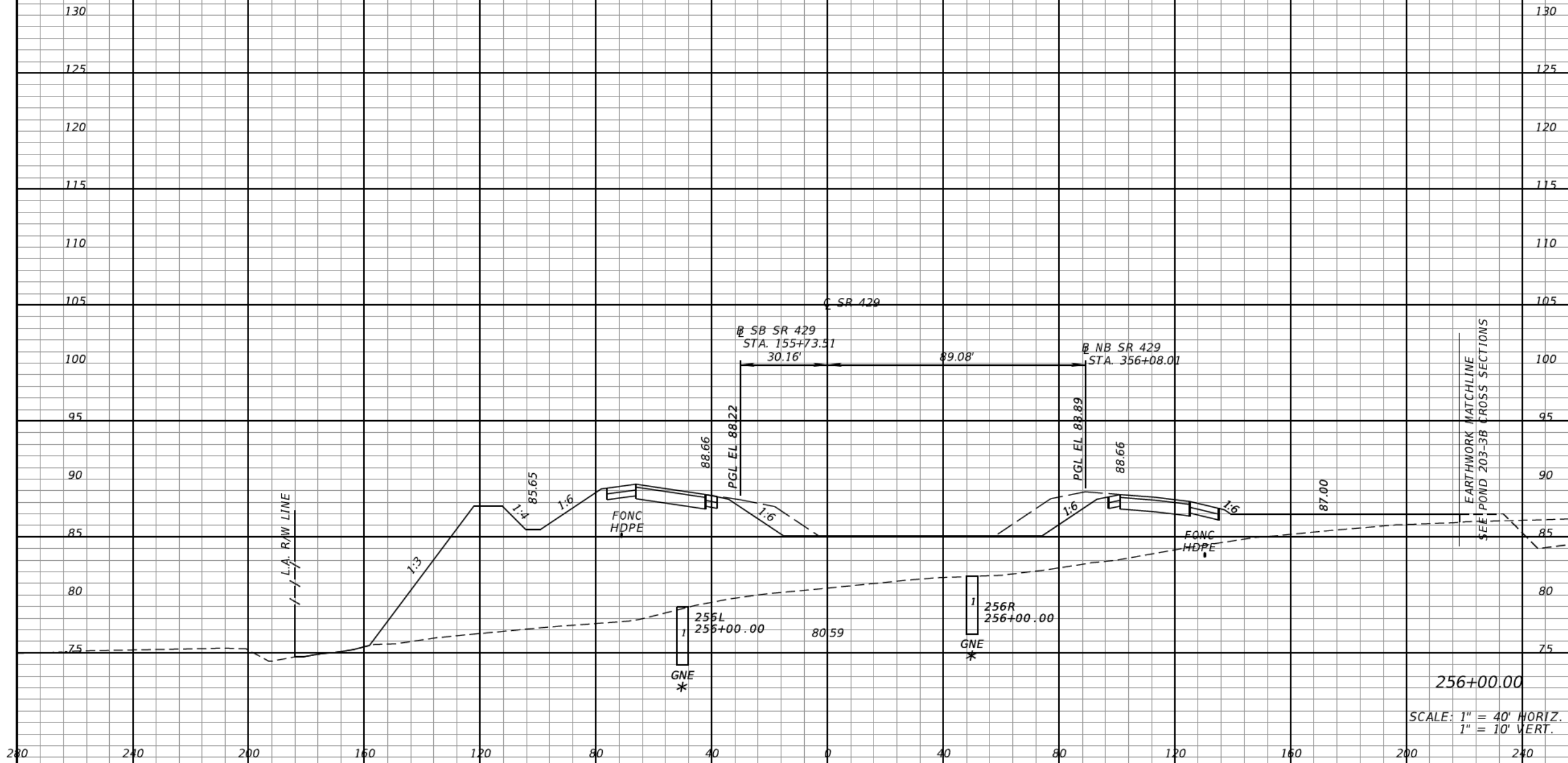
CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO. 434

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



0	1886
49	8917

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

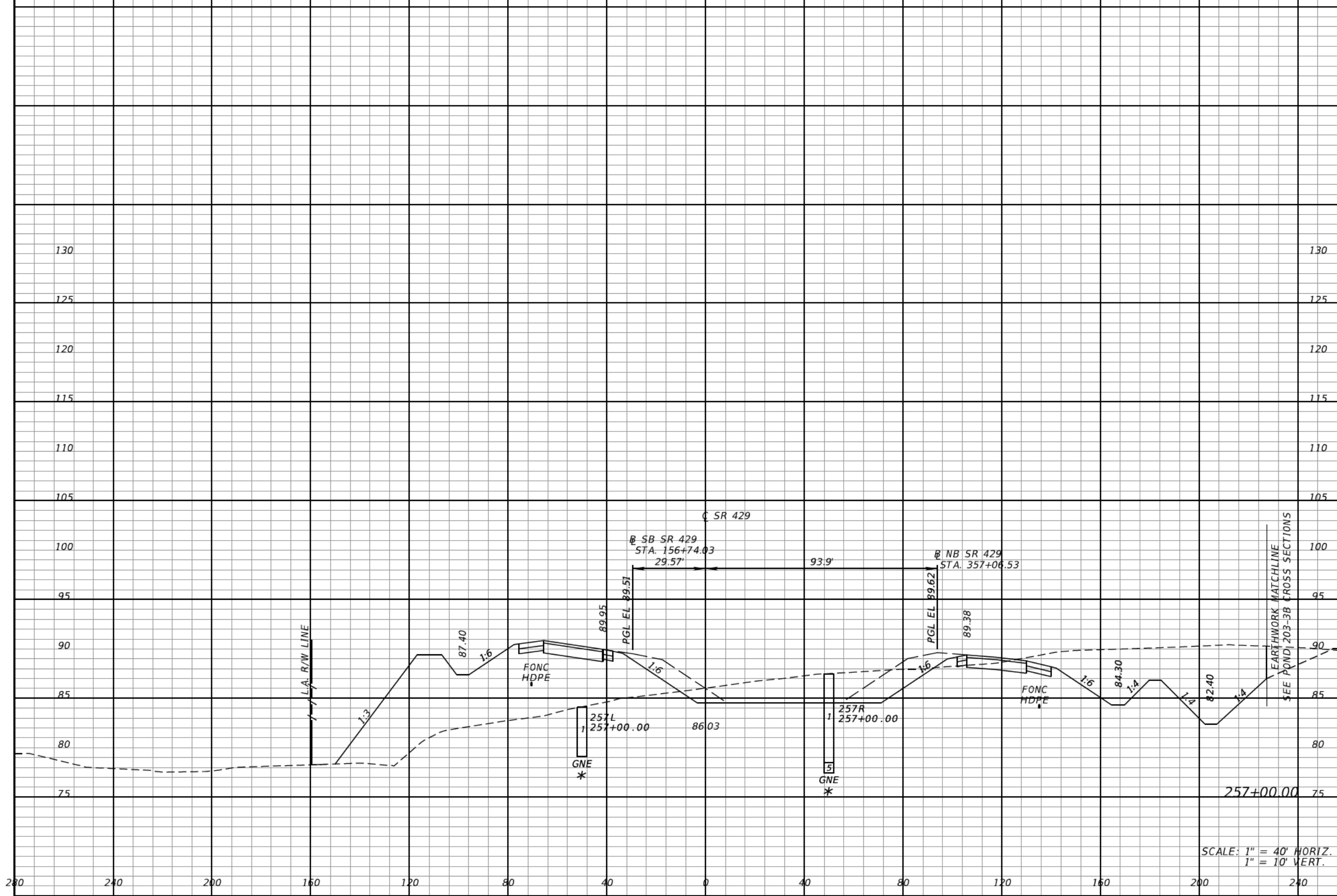


CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 435

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
692			1281	745	4872

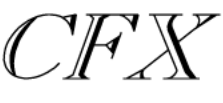


SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
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ORLANDO, FL 32801
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CENTRAL FLORIDA
EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

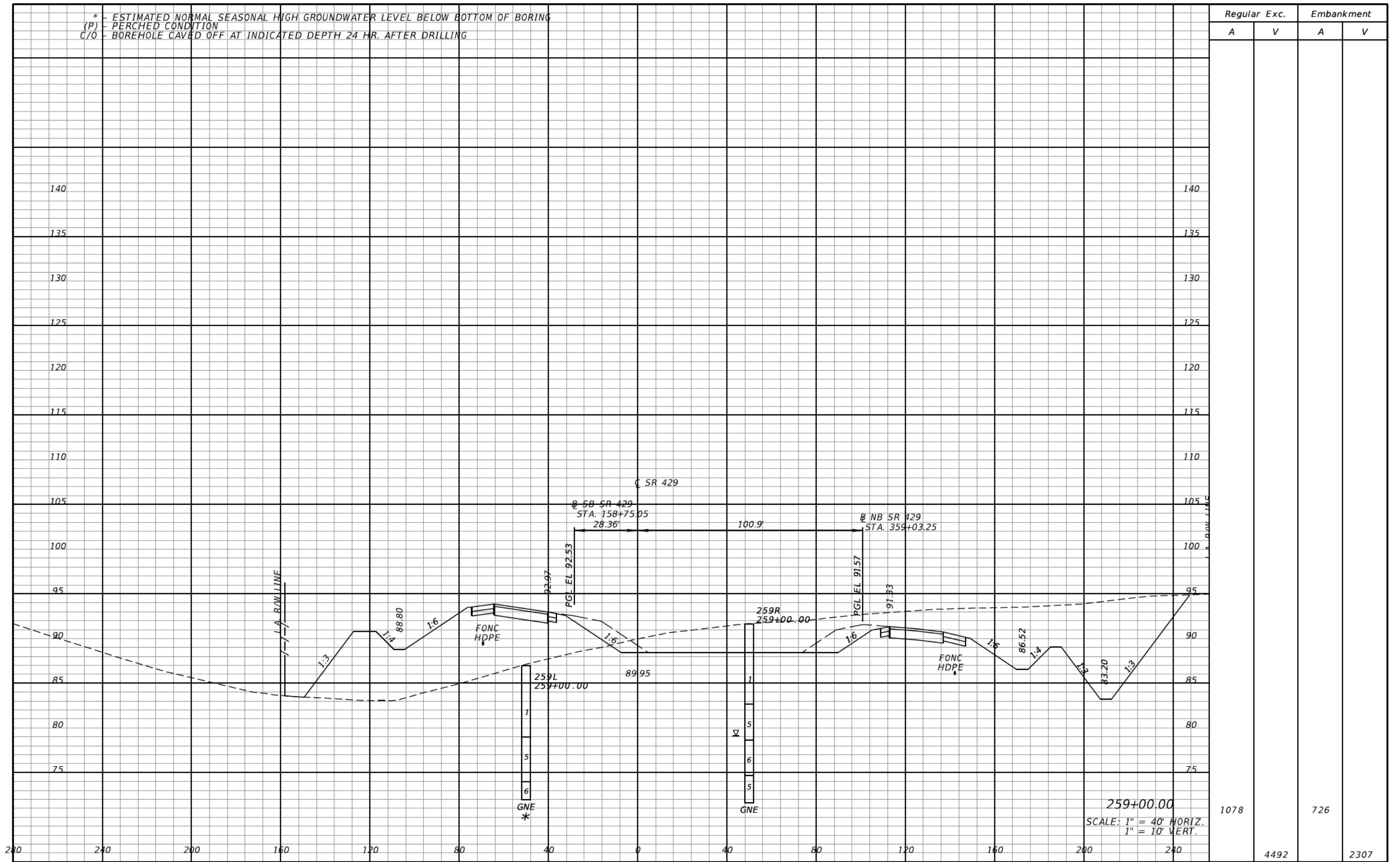


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
436

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Exc. Embankment
A V A V



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203

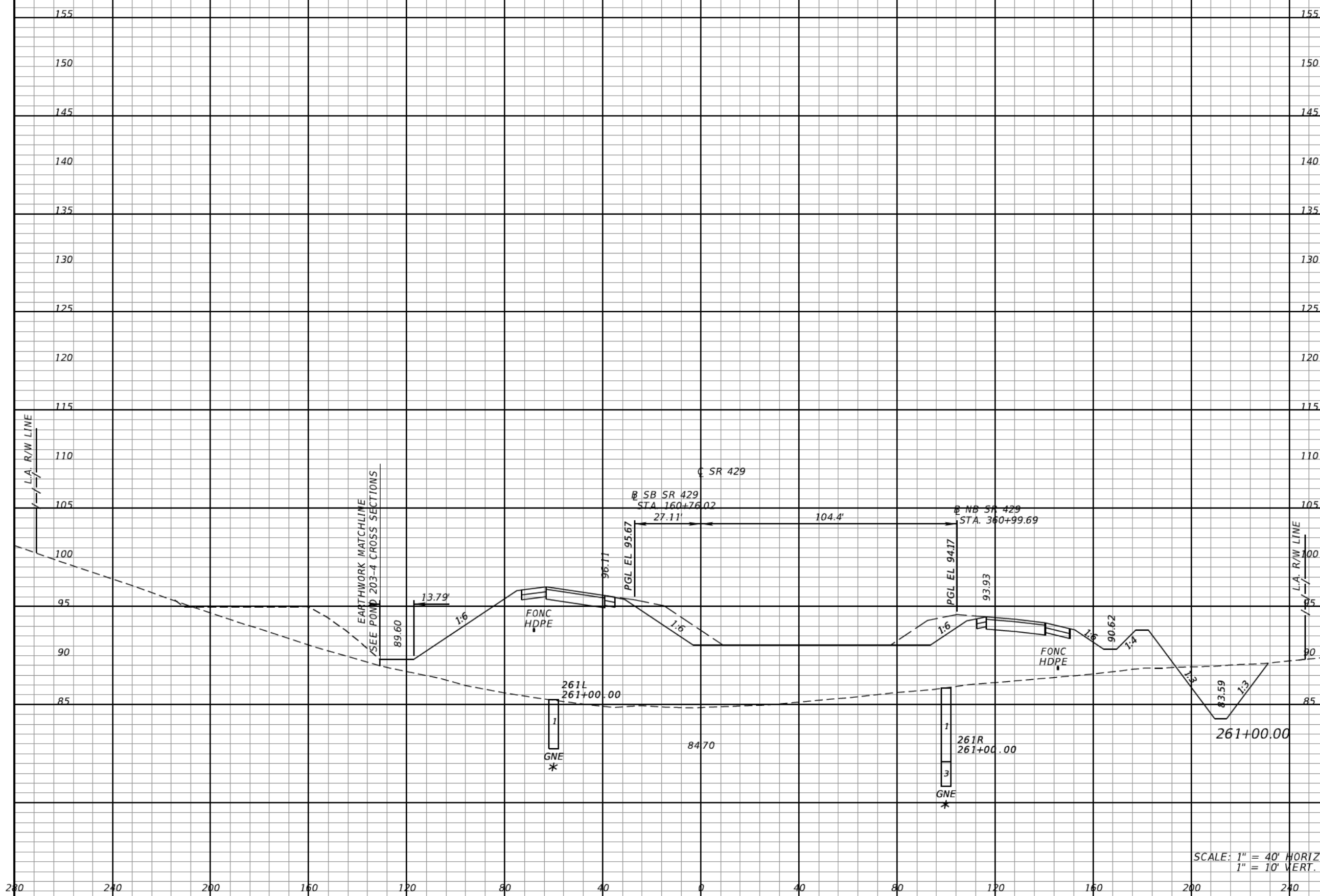


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
438

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
				114	1924
		1064			5587



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

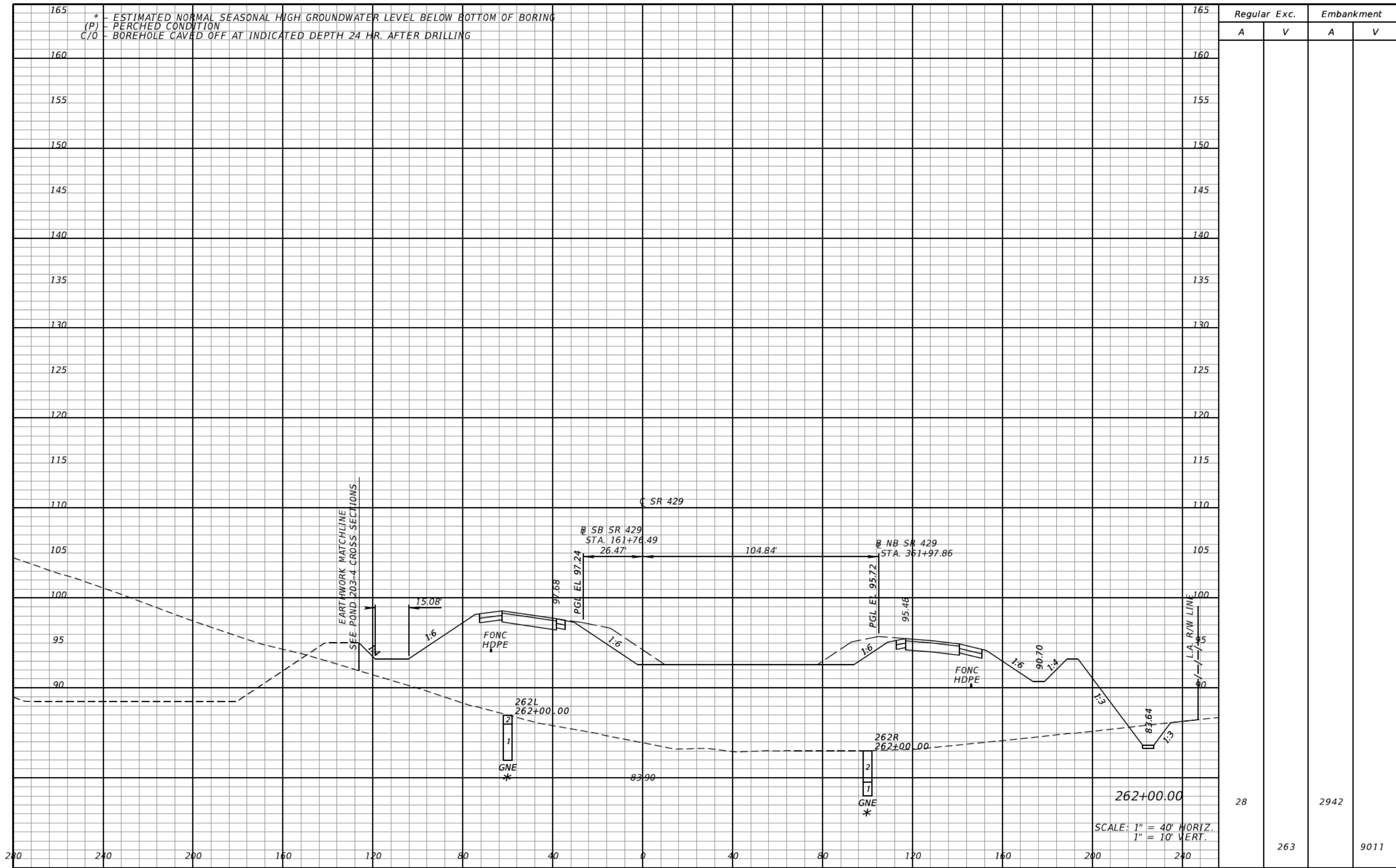
DANIEL F. CHRISTIE, P.E.
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 520 S. MAGNOLIA AVE.
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 ROAD NO. SR 429
 PROJECT NO. 429-203



**CROSS SECTIONS
 SR 429 (WEKIVA PKWY)**

SHEET NO. 440



* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



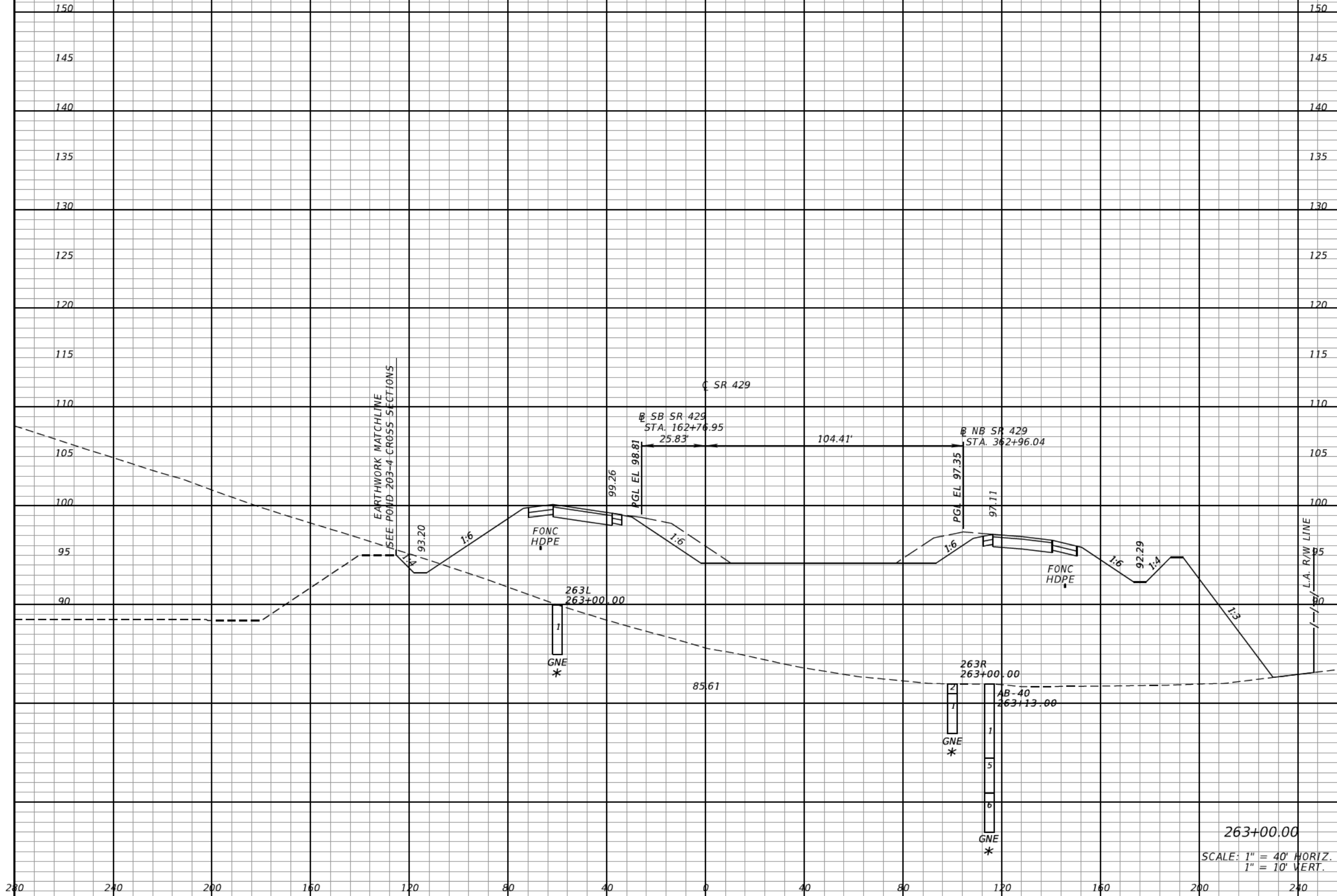
CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO. 441

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



263+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

20

3384

89

11714

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

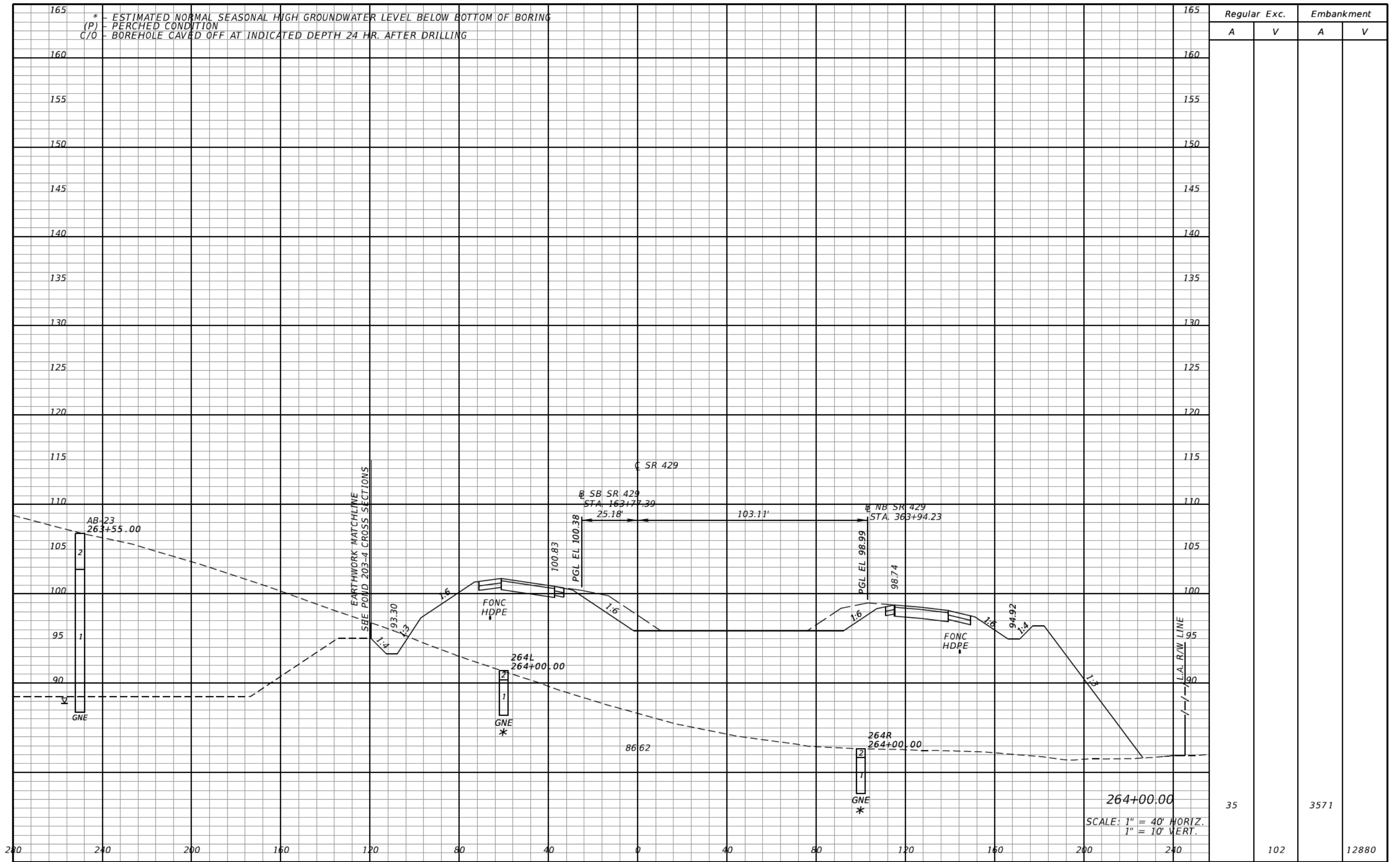
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO. SR 429 PROJECT NO. 429-203

CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 442

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

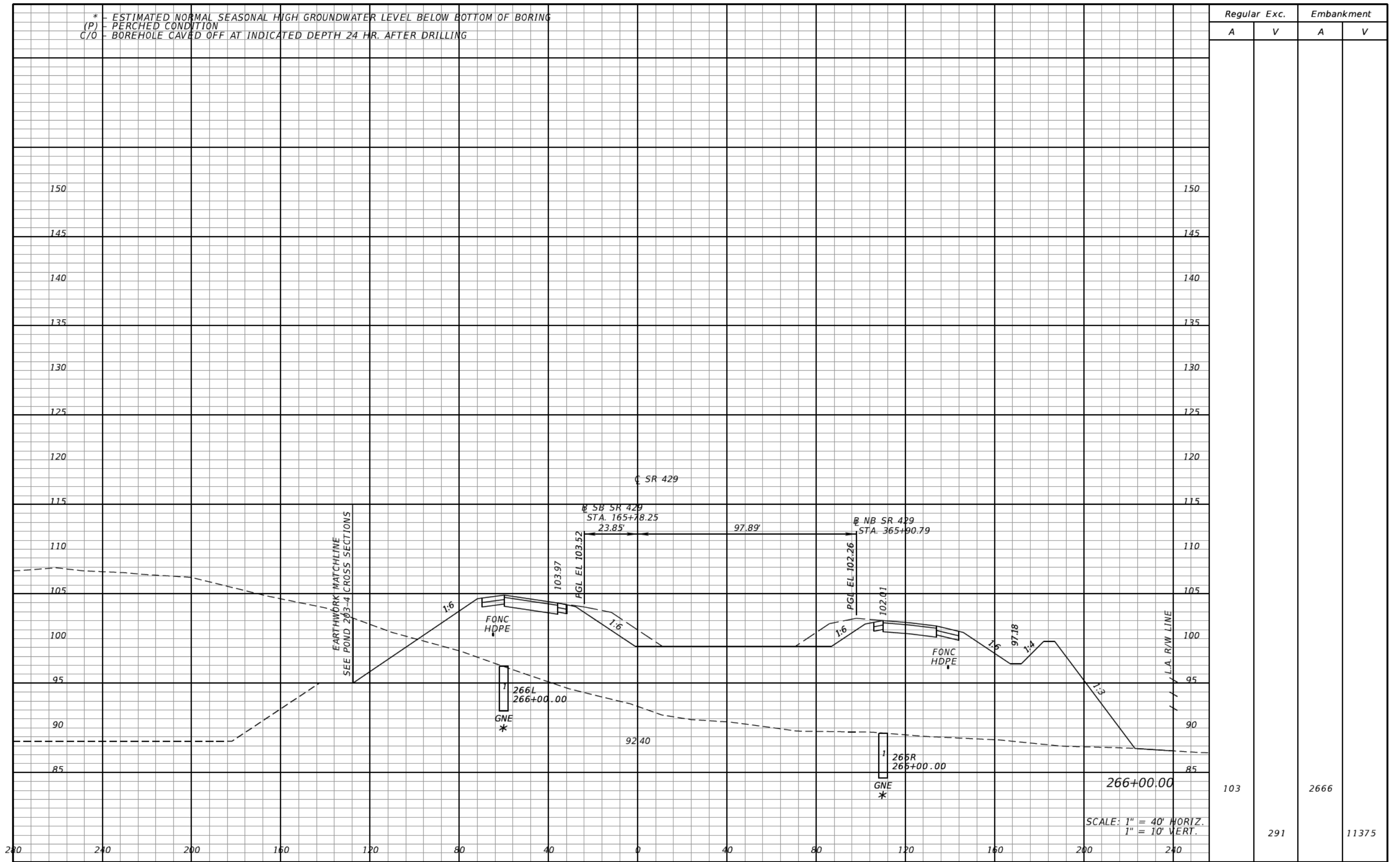
ROAD NO.	PROJECT NO.
SR 429	429-203



**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.	443
-----------	-----

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
103			291	2666	11375

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



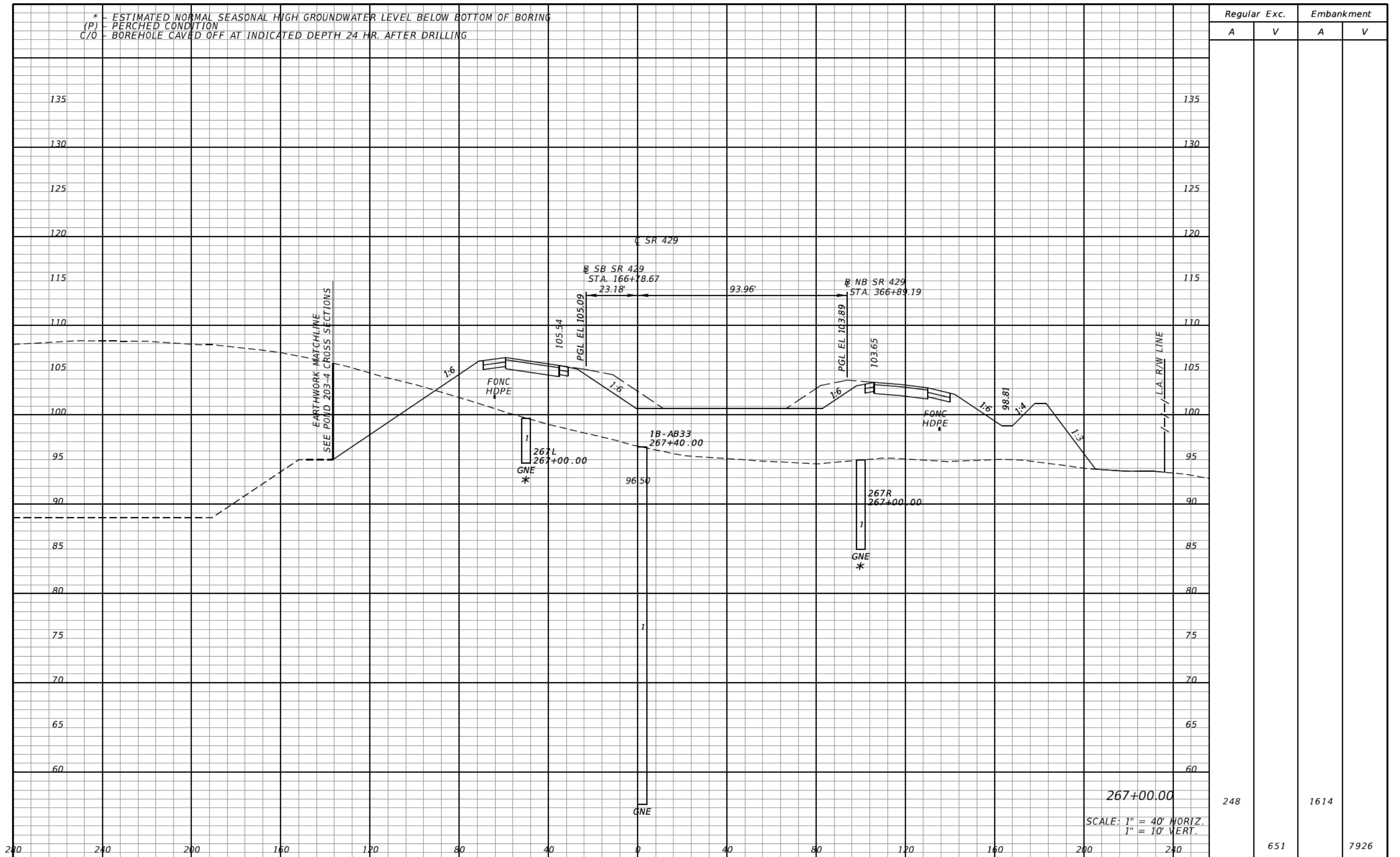
**CROSS SECTIONS
 SR 429 (WEKIVA PKWY)**

**SHEET NO.
 445**

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



248	651	1614	7926
-----	-----	------	------

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

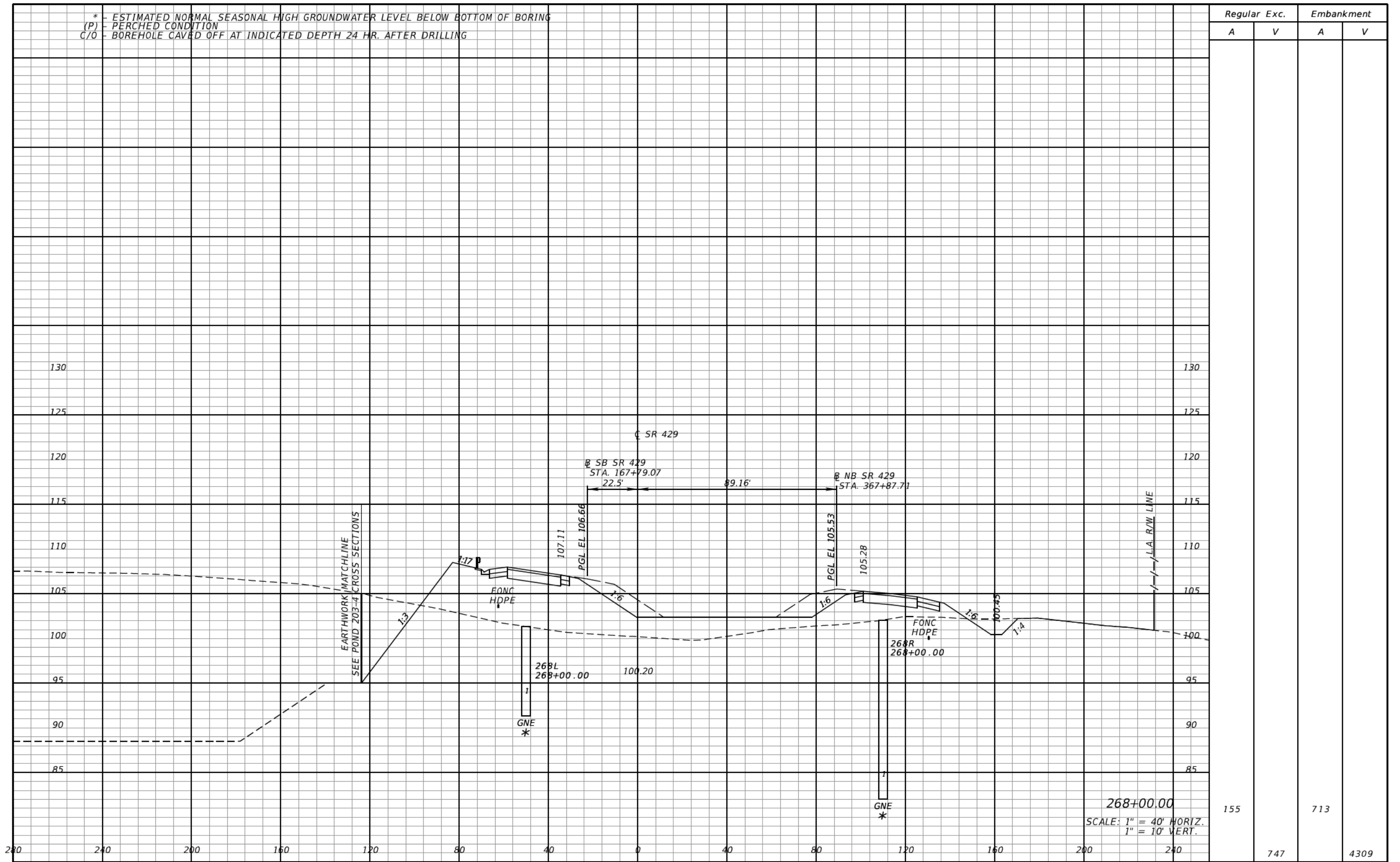


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
446

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



268+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

155	747	713	4309
-----	-----	-----	------

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

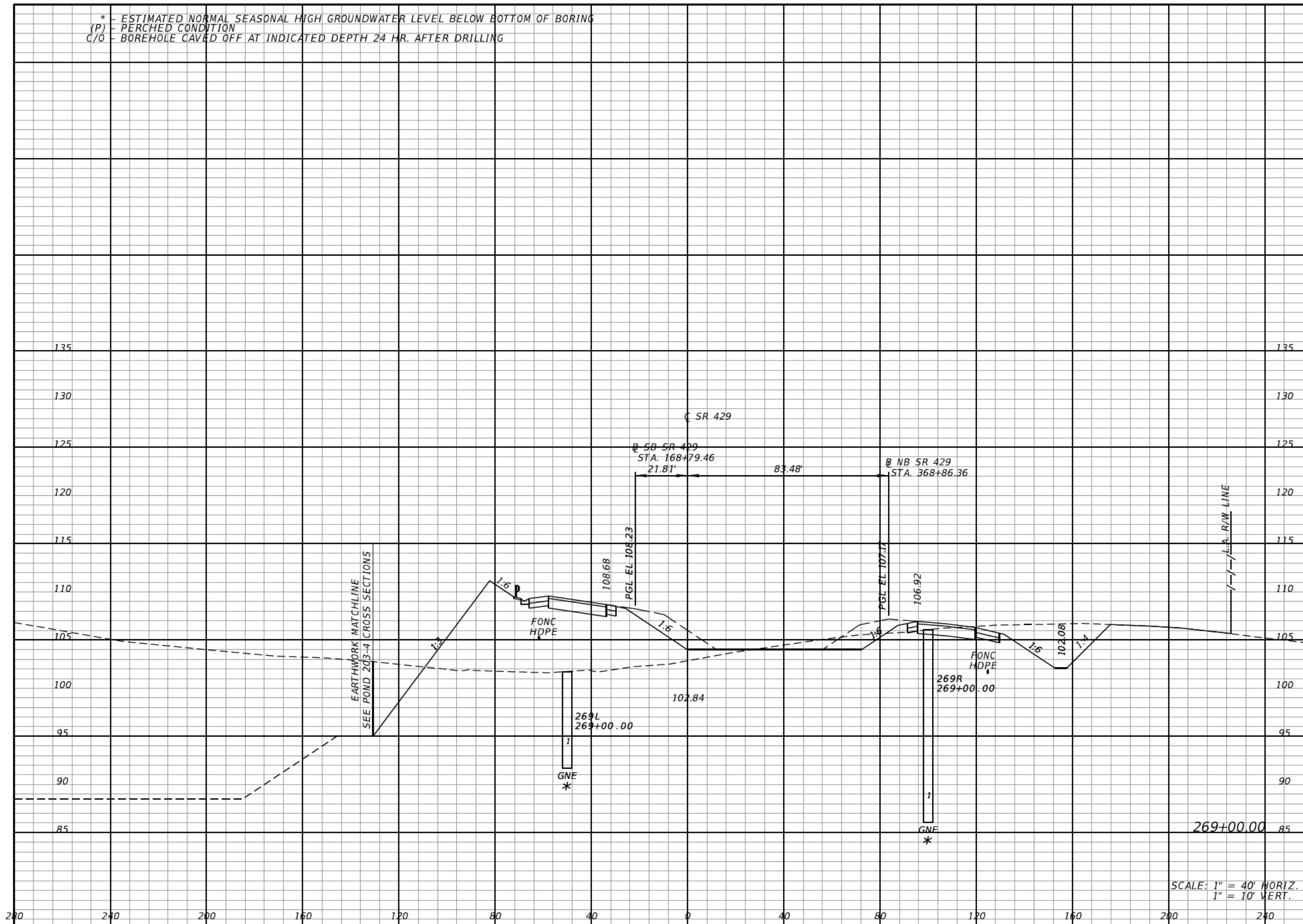


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
447

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
287				627	
		818			2481



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

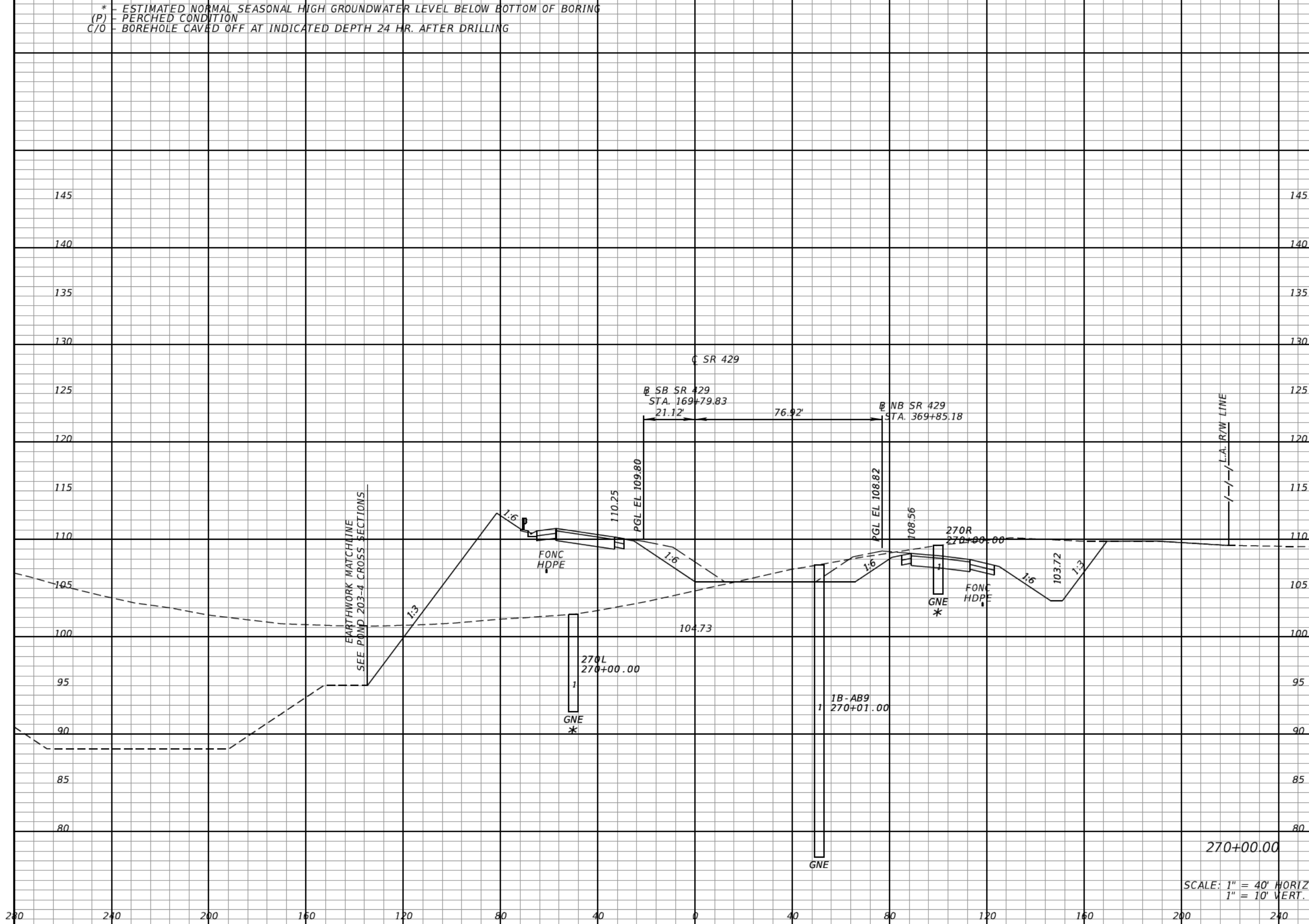


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
448

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



Regular Exc.		Embankment	
A	V	A	V
427	1322	726	2506

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
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ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA
EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

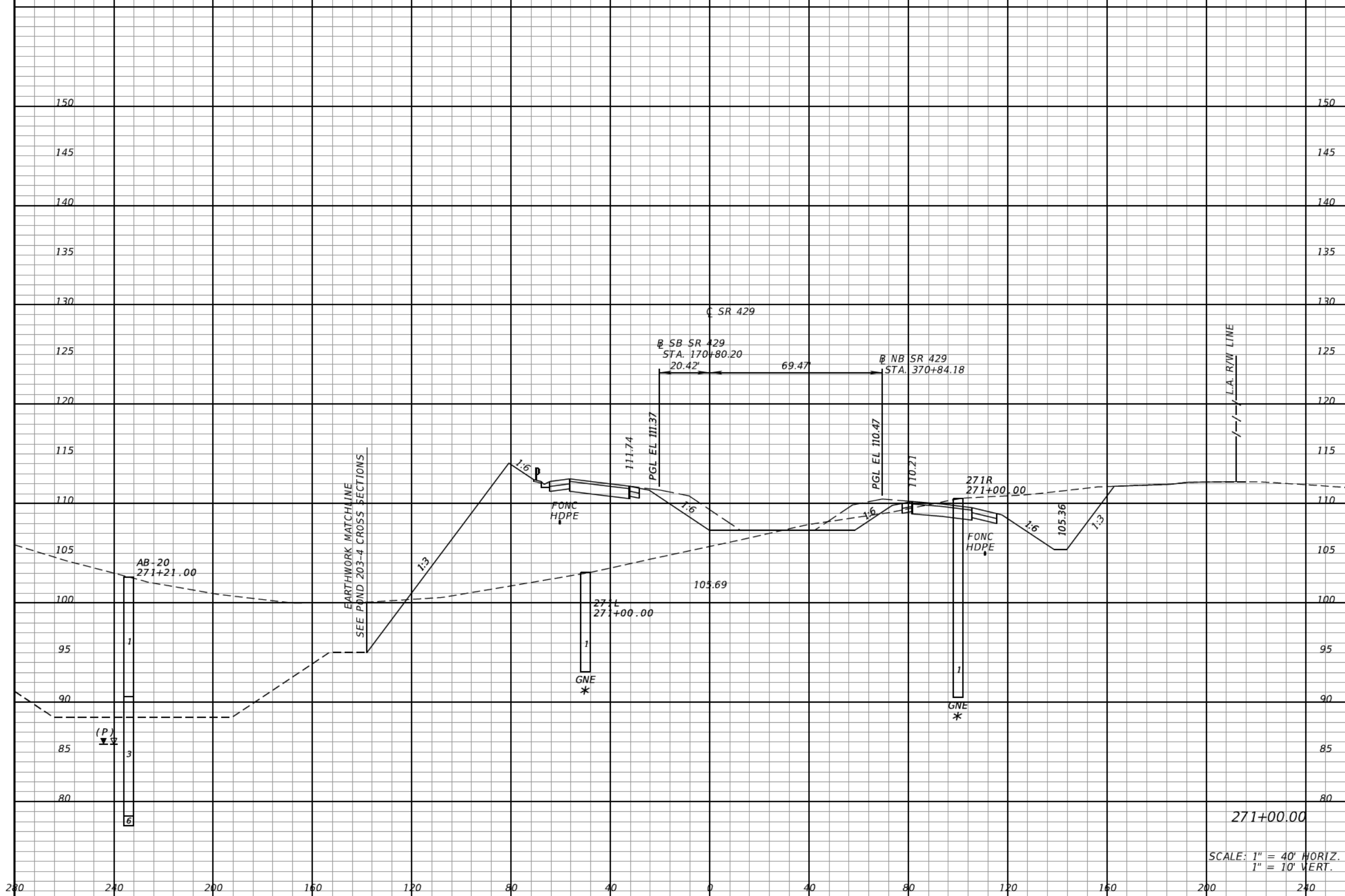


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
449

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
298			1343	877	2969



REVISIONS	
DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
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 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

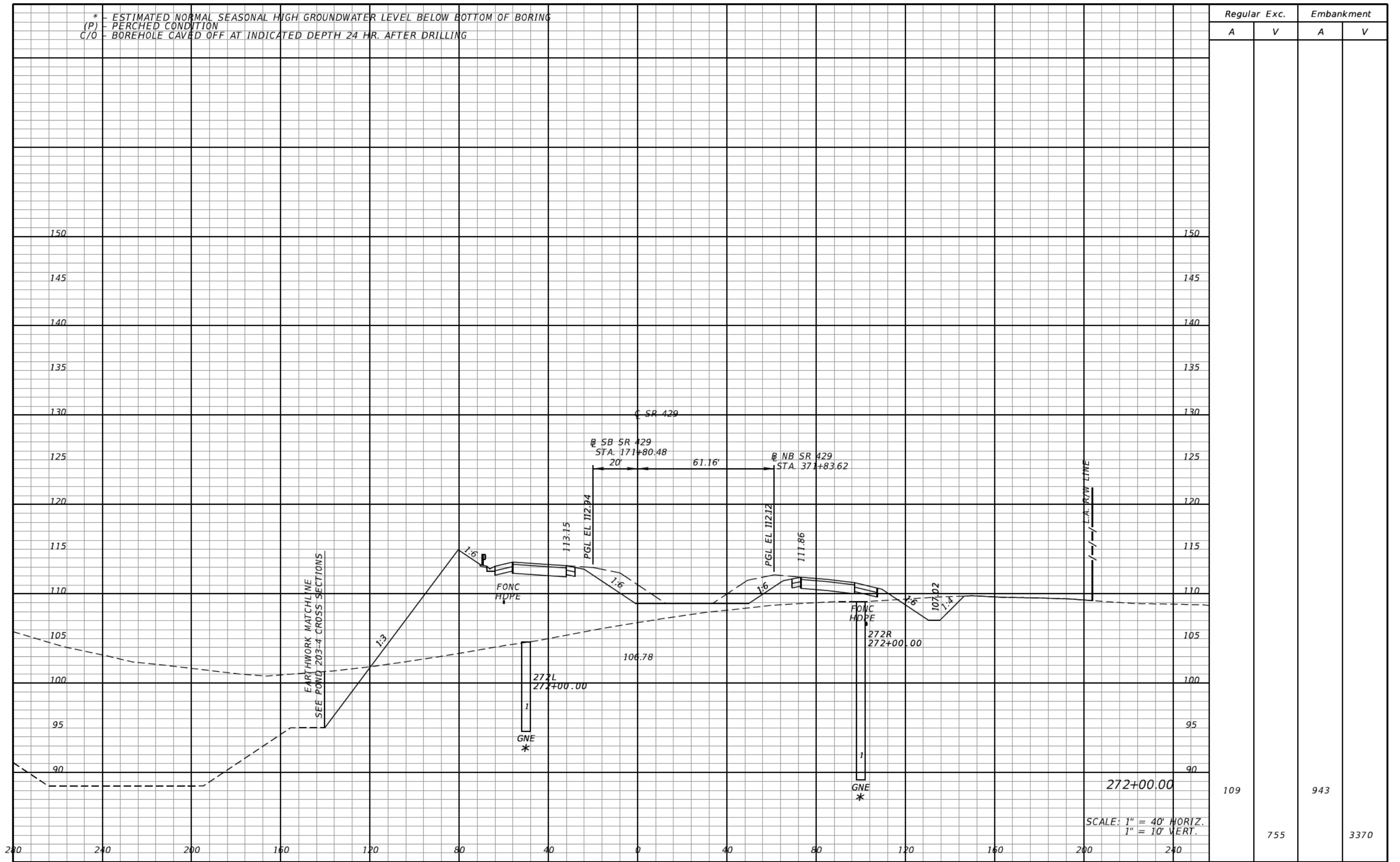
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**CROSS SECTIONS
 SR 429 (WEKIVA PKWY)**

SHEET NO.
 450

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V



EARTHWORK MATCHLINE
SEE POND 203-4 CROSS SECTIONS

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

Regular		Exc.		Embankment	
A	V	A	V	A	V
				109	943
		755			3370

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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**CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY**

ROAD NO. SR 429	PROJECT NO. 429-203
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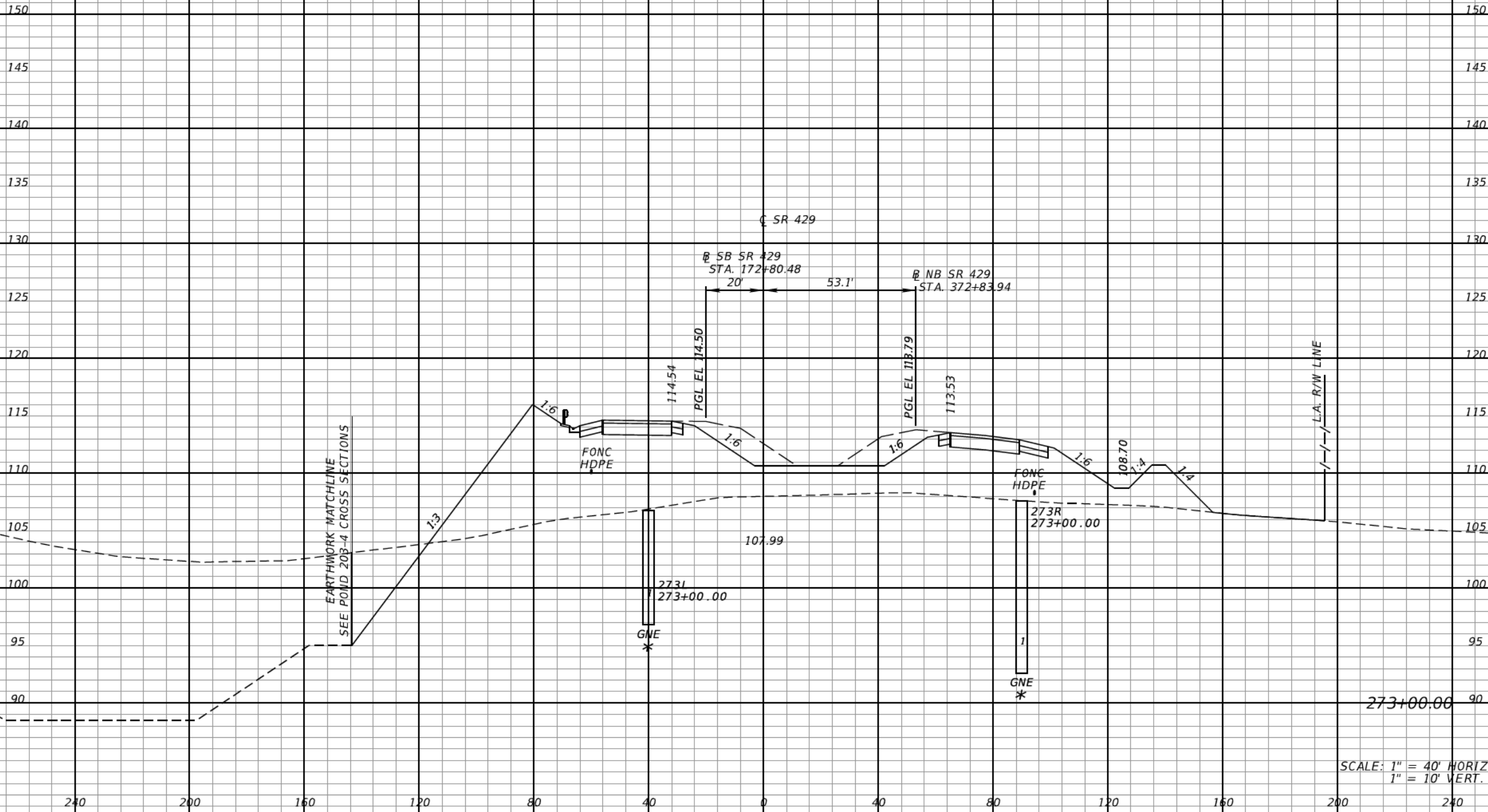
**CROSS SECTIONS
 SR 429 (WEKIVA PKWY)**

SHEET NO.
451

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

108	402	1195	3960
		A	V

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

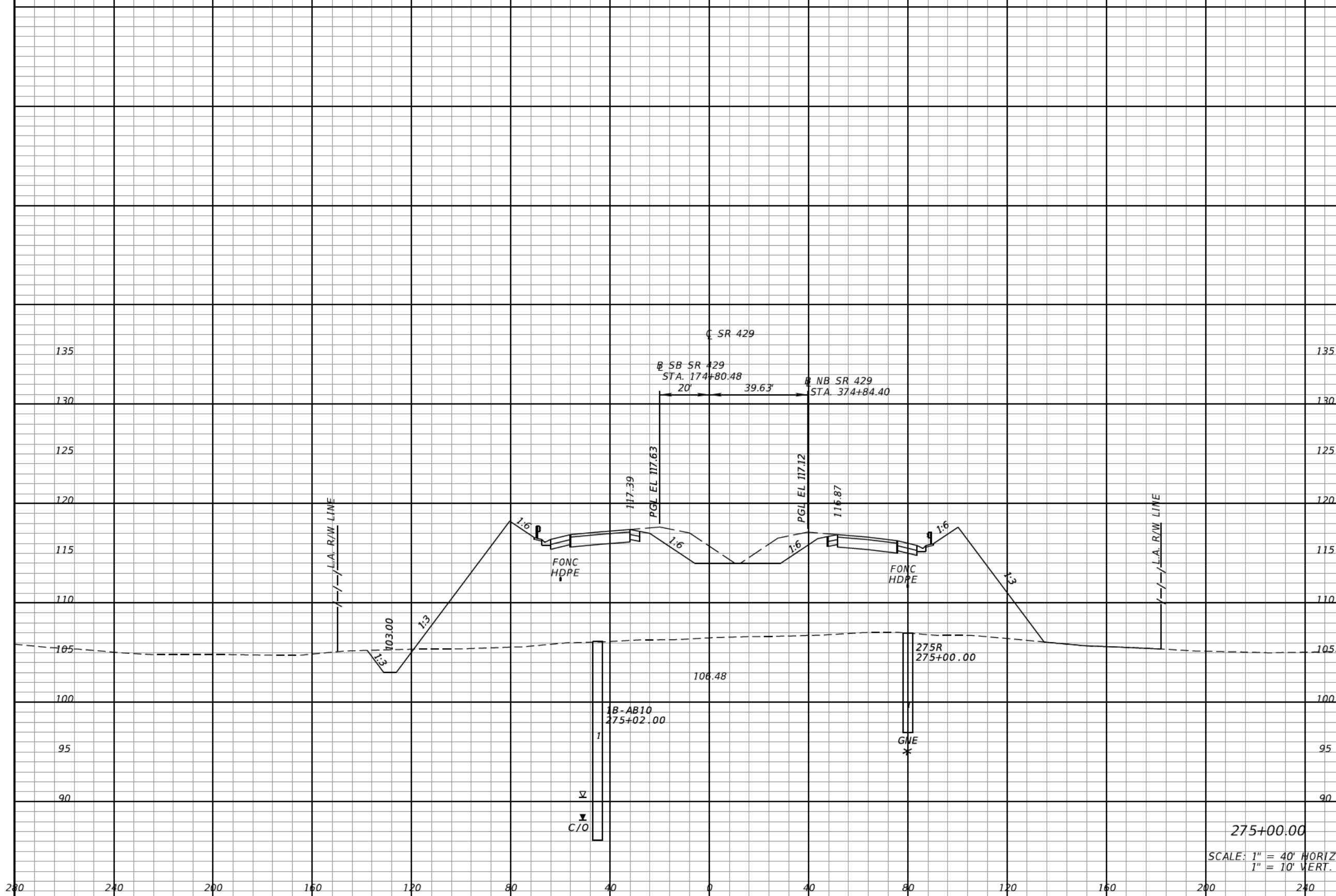


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET
NO.
452

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
27				2062	
		111			6353



275+00.00
 SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY
 ROAD NO. PROJECT NO.
 SR 429 429-203

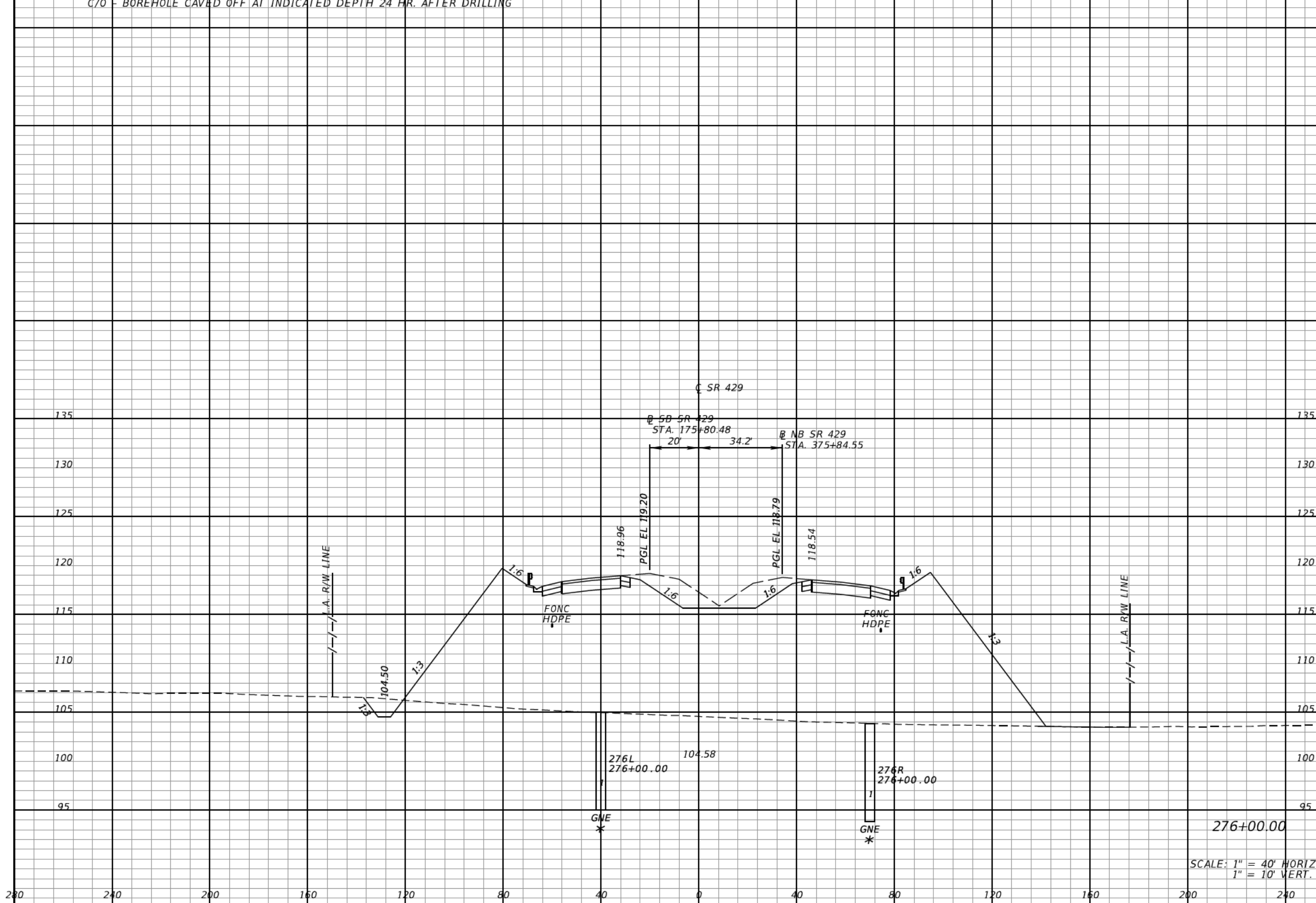


CROSS SECTIONS
 SR 429 (WEKIVA PKWY)

SHEET
 NO.
 454

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
20				2870	
	88				9133



276+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

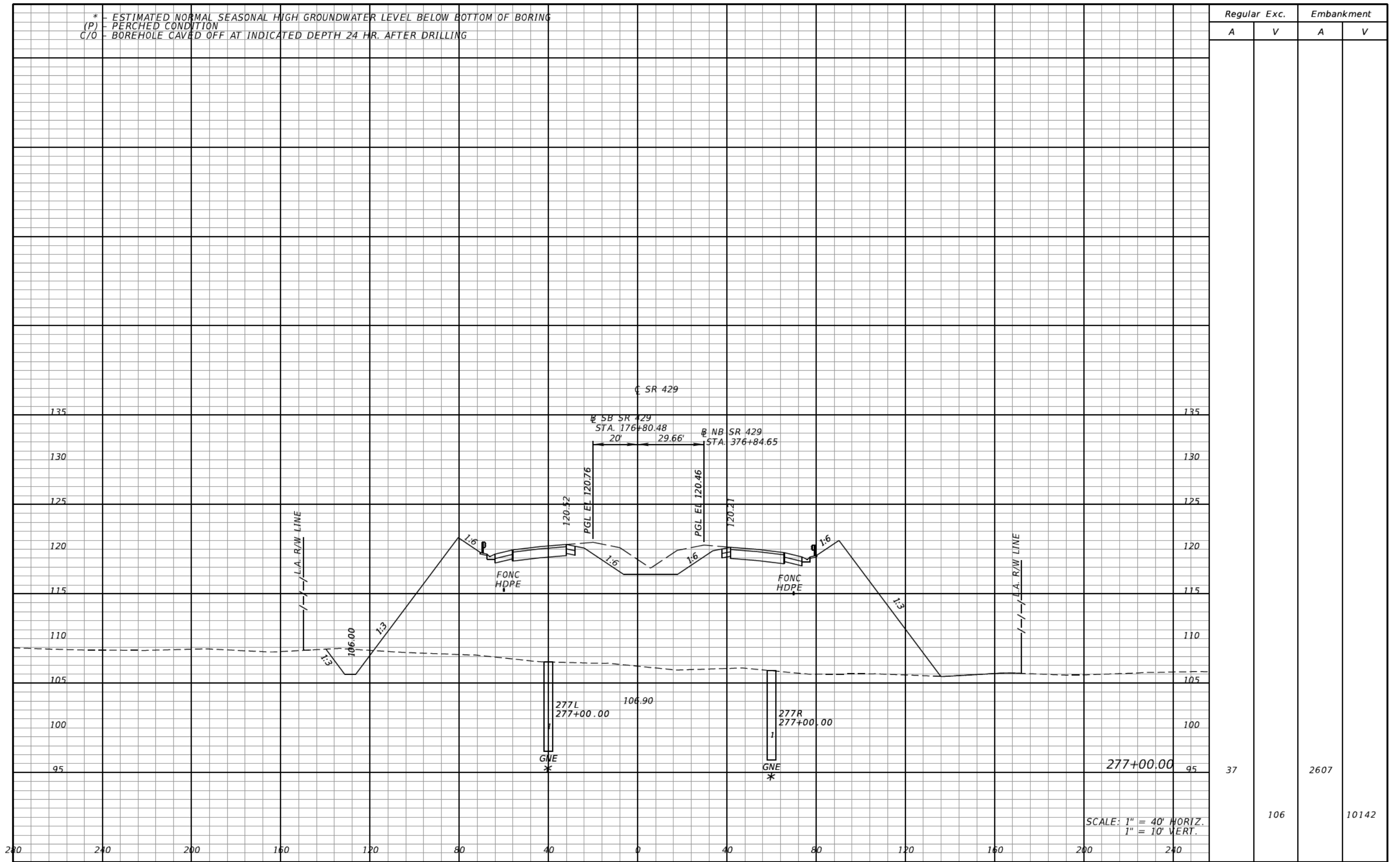


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO. 455

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
 A V A V



277+00.00
 SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
37		2607	
	106		10142

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203

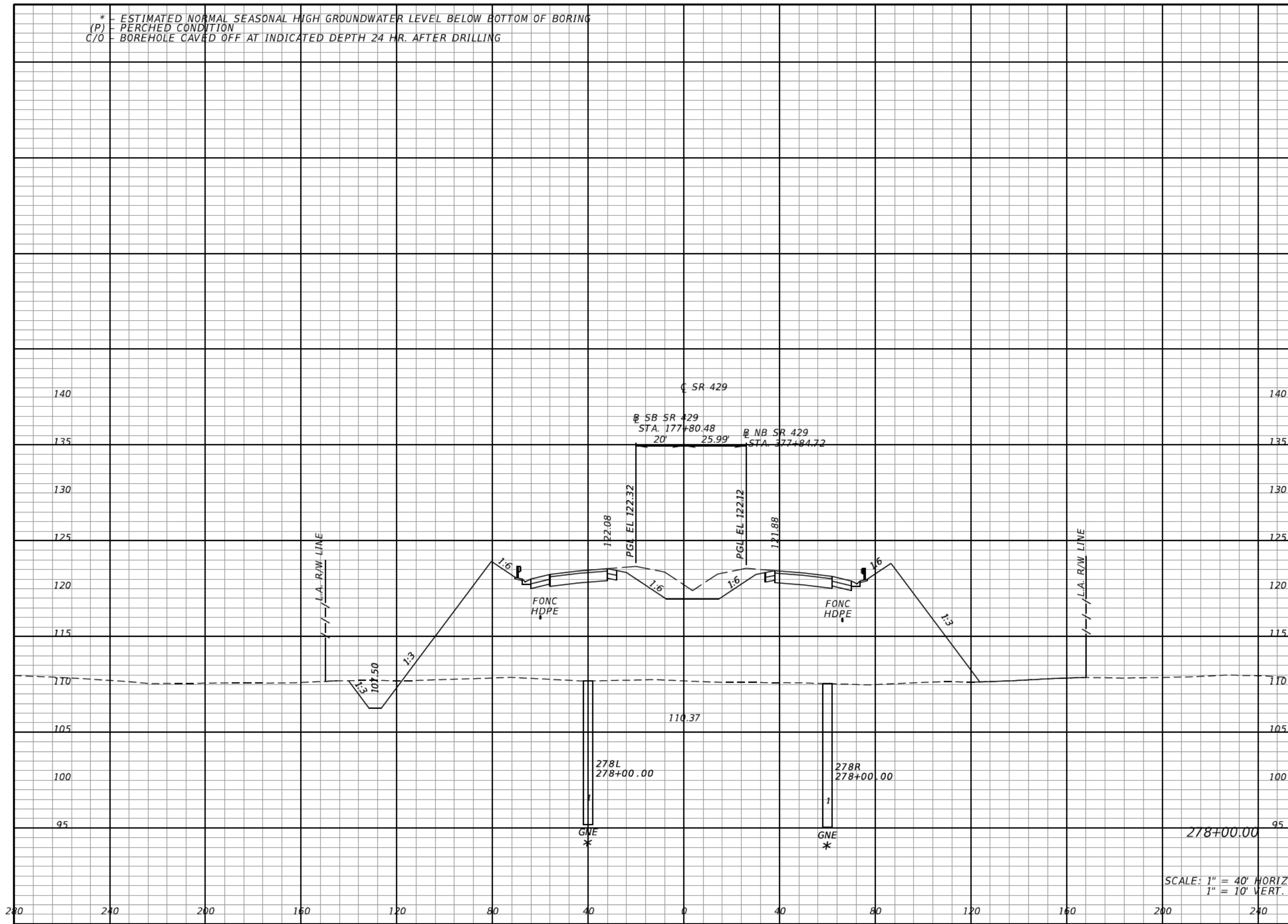


CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 456

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
40			143	2151	8810



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



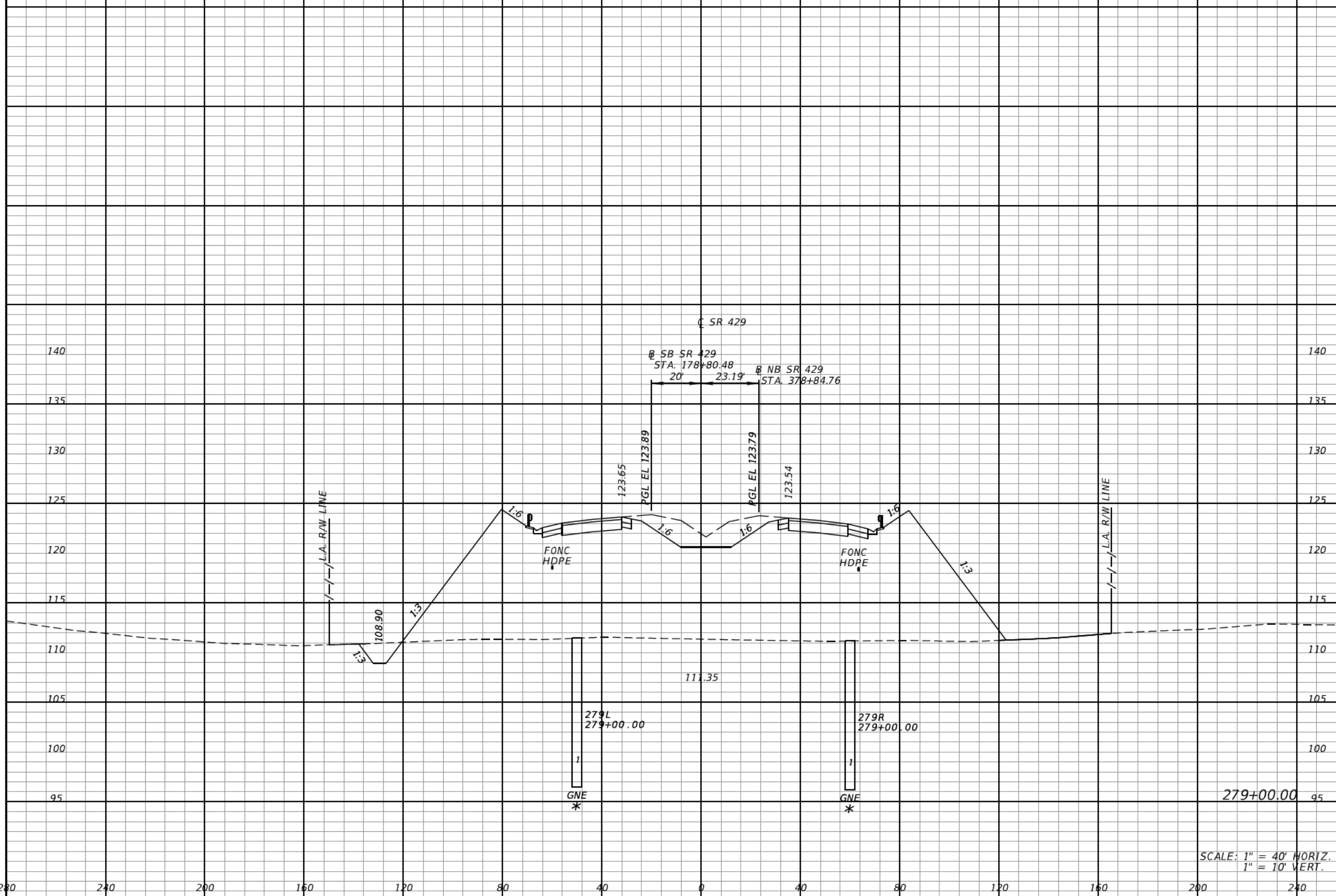
CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
457

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



279+00.00 95

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

23

116

2289

8223

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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520 S. MAGNOLIA AVE.
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CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

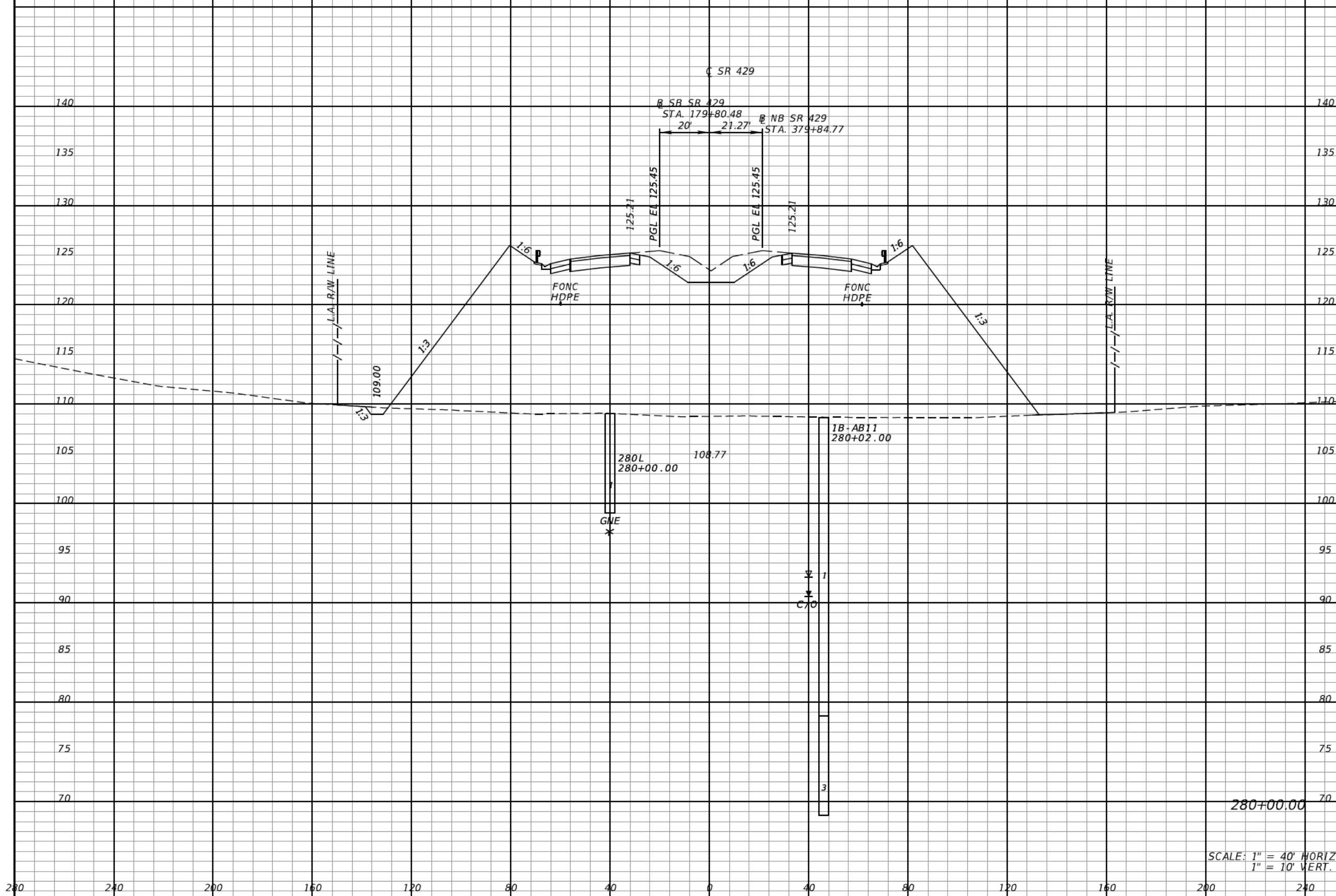


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
458

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
5				3275	
	51				10304



280+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

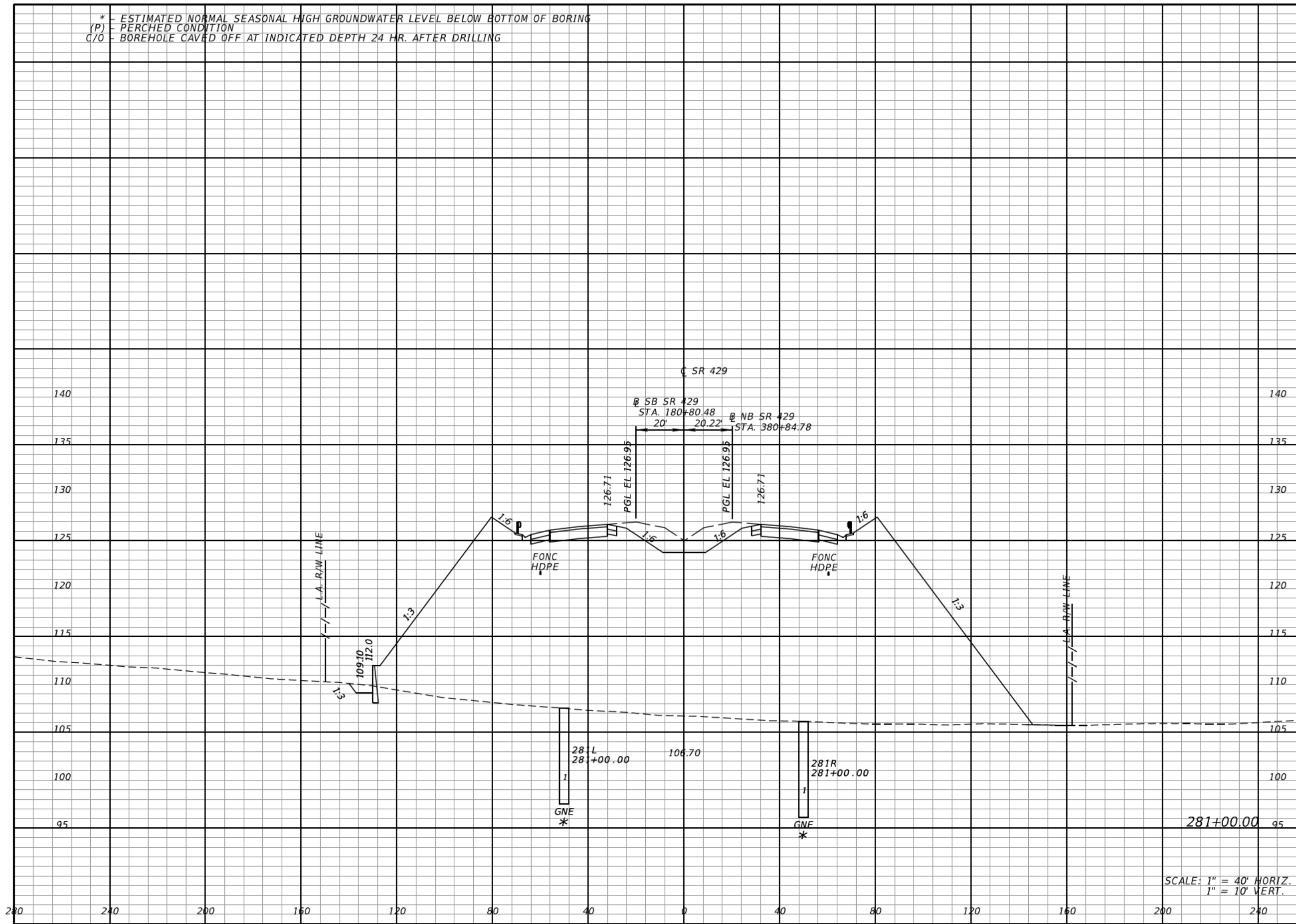


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
459

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V



281+00.00 95
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

11	28	4189	13823
----	----	------	-------

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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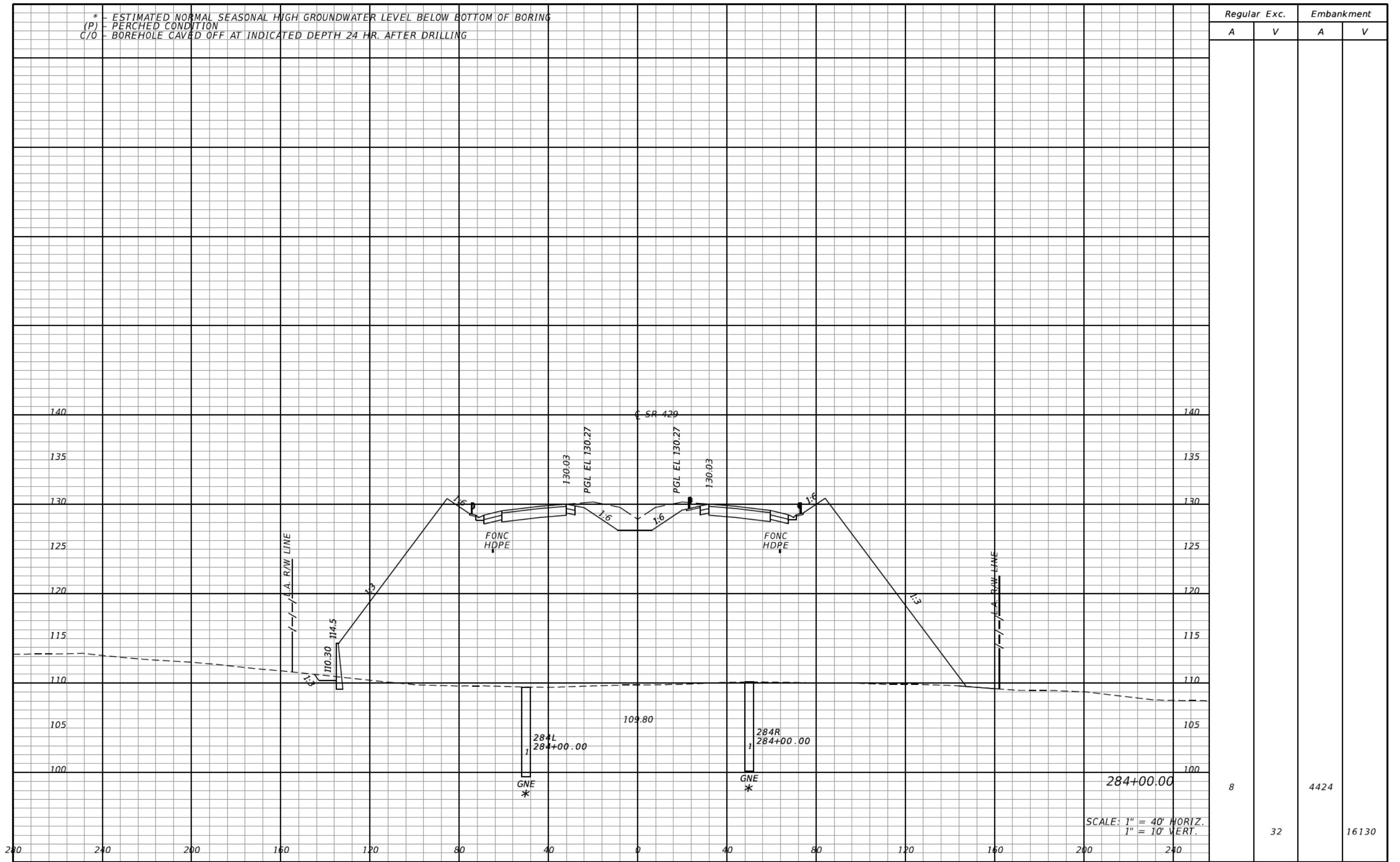
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
460

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
8				4424	
	32				16130

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

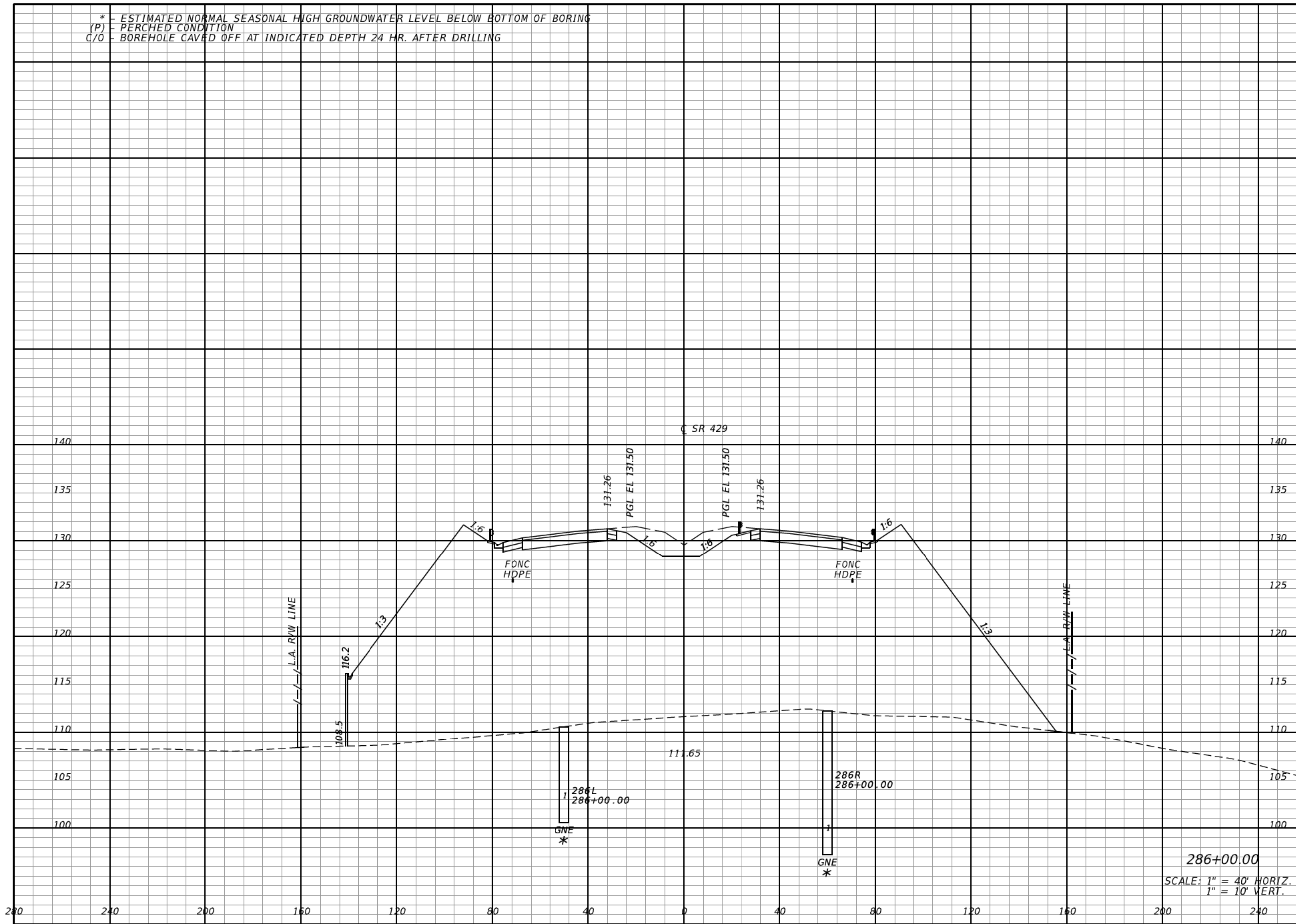


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
463

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				4712	
	5				17068



286+00.00
 SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203

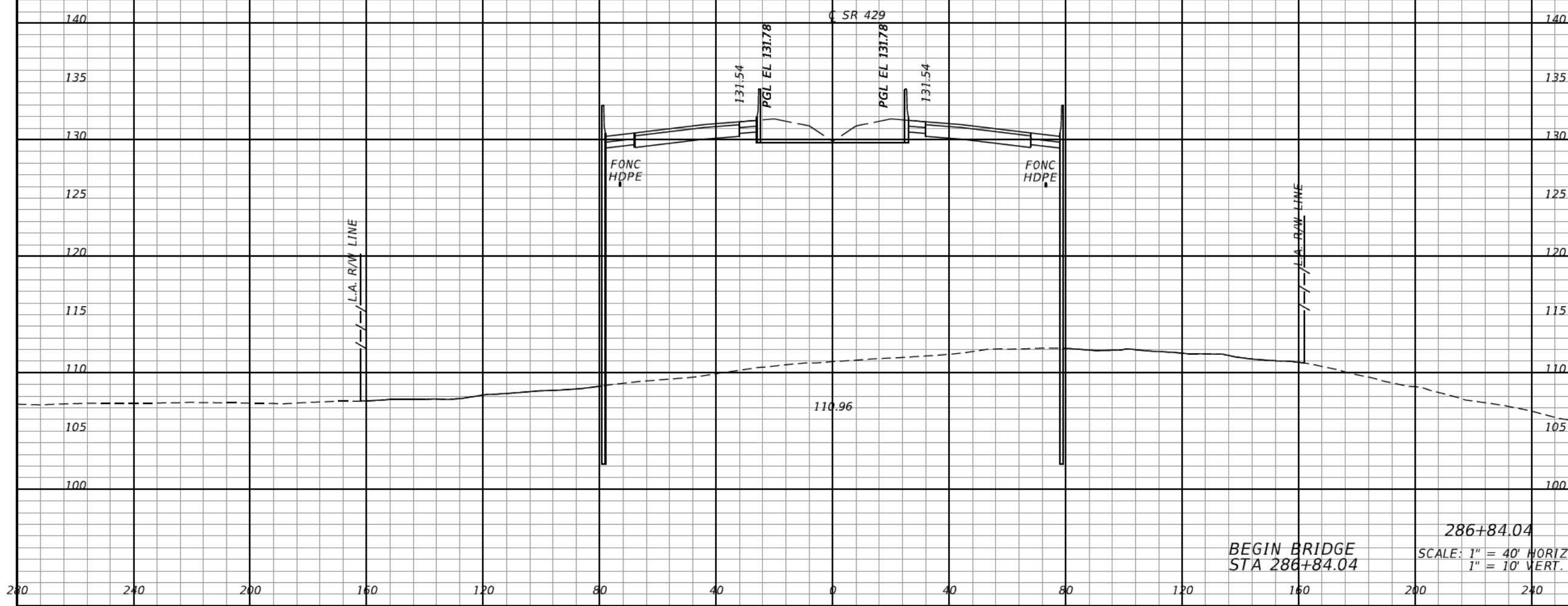


CROSS SECTIONS
 SR 429 (WEKIVA PKWY)

SHEET NO.
 465

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
21				2967	
					11951



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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



CROSS SECTIONS
SR 429 (WEKIVA PKWY)

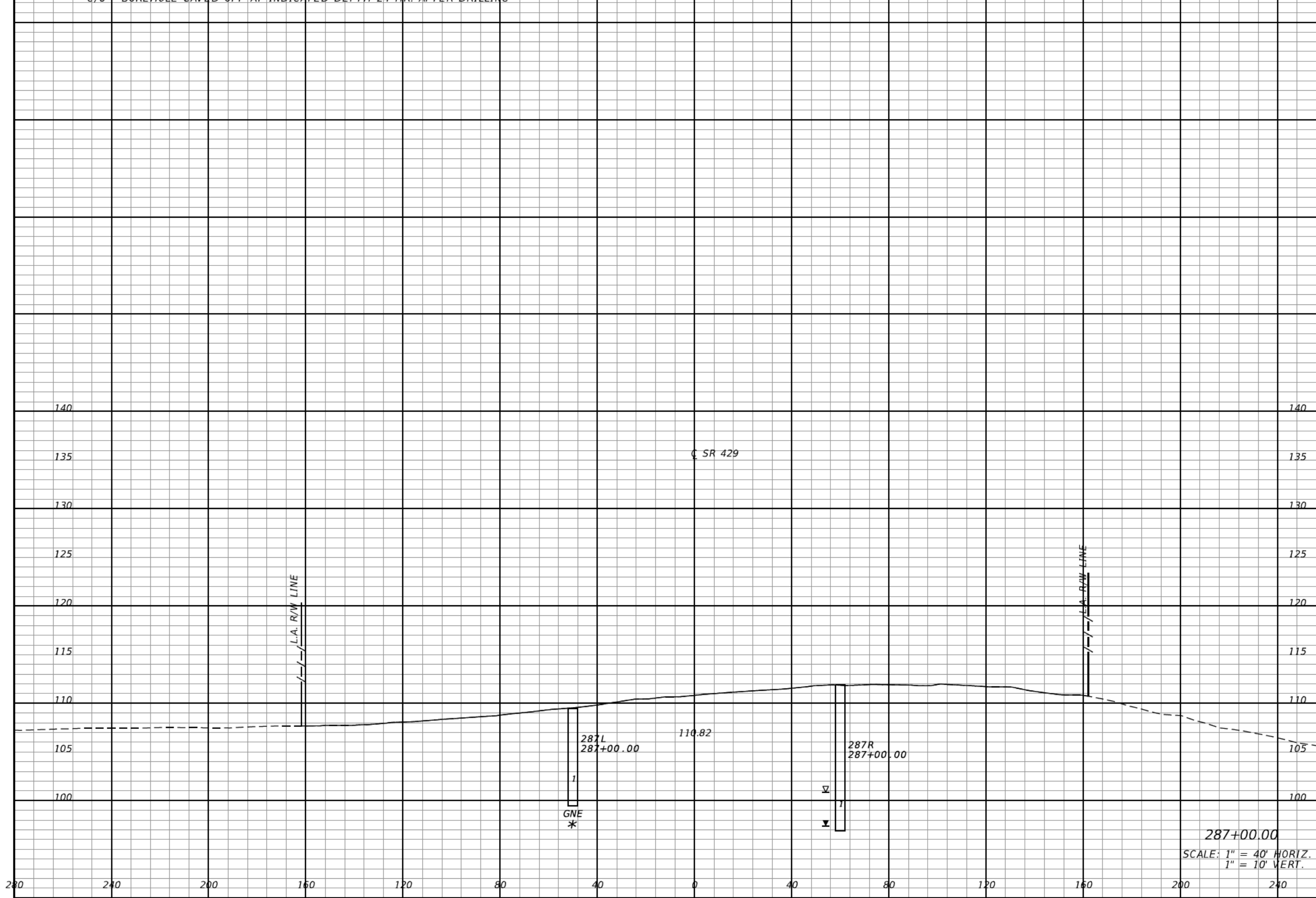
SHEET NO. 466

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0

287+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203

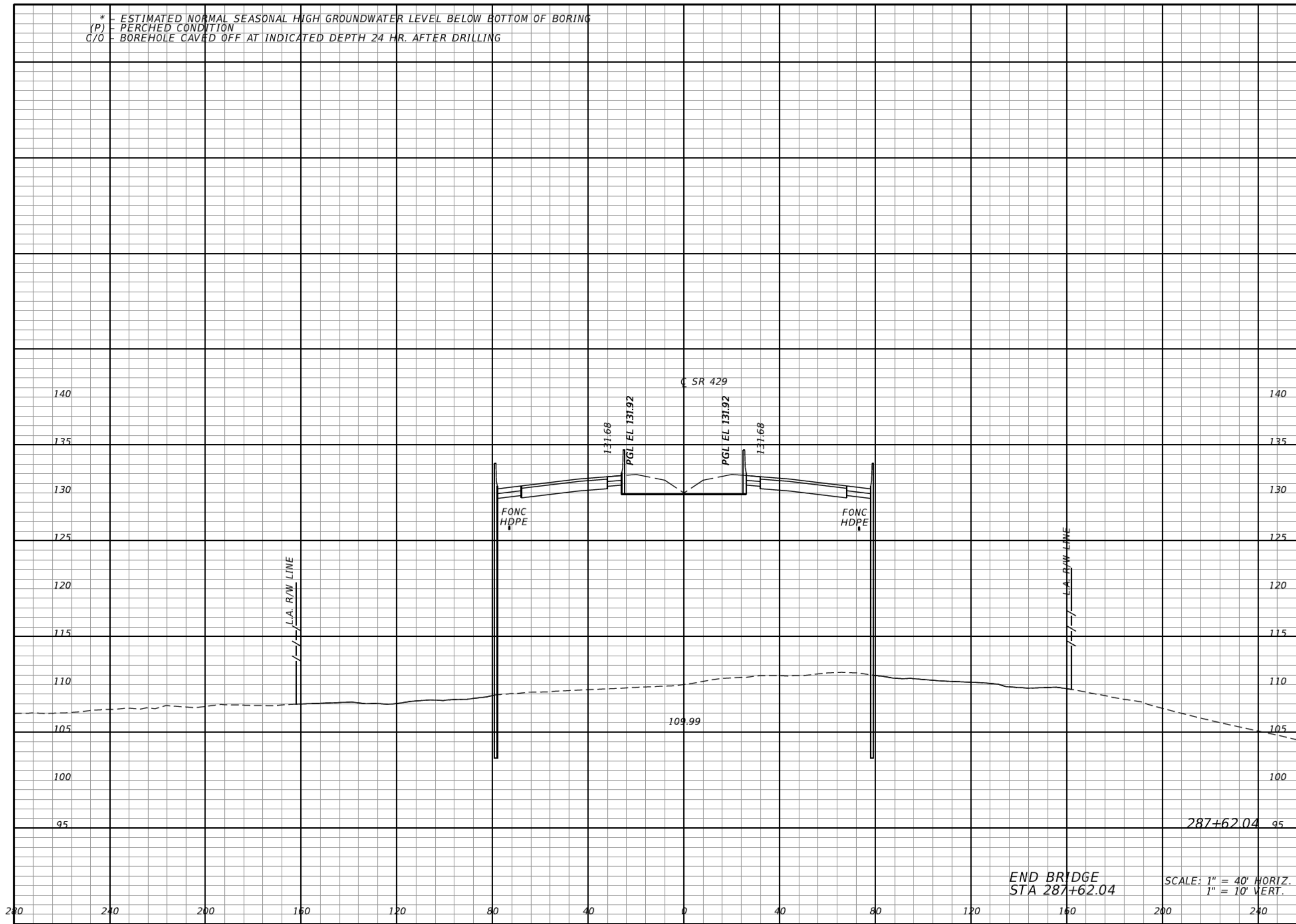


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
467

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



Regular Exc.		Embankment	
A	V	A	V
19		3090	
	0		0

END BRIDGE
STA 287+62.04

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



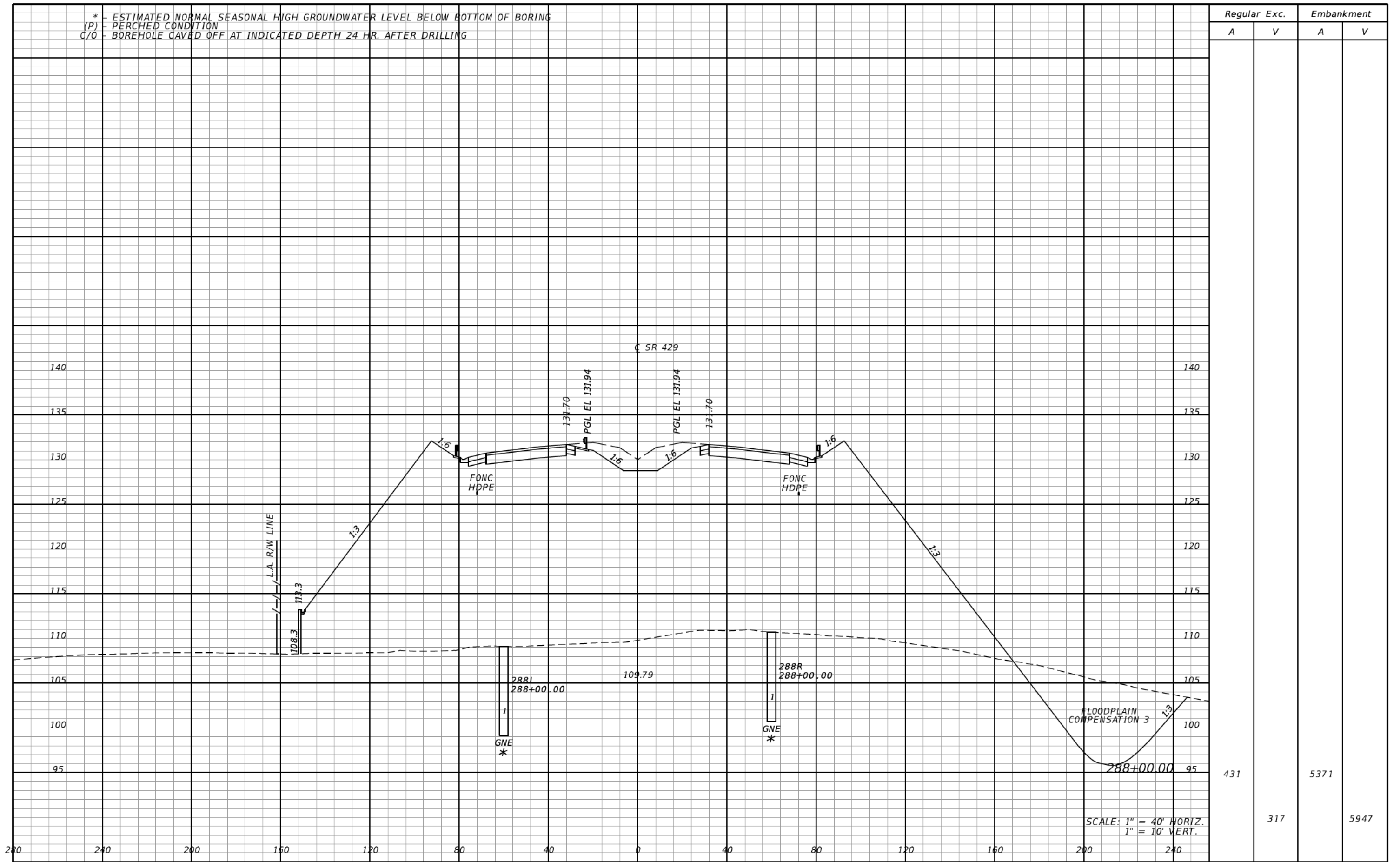
**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO. 468

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



431 5371

317 5947

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

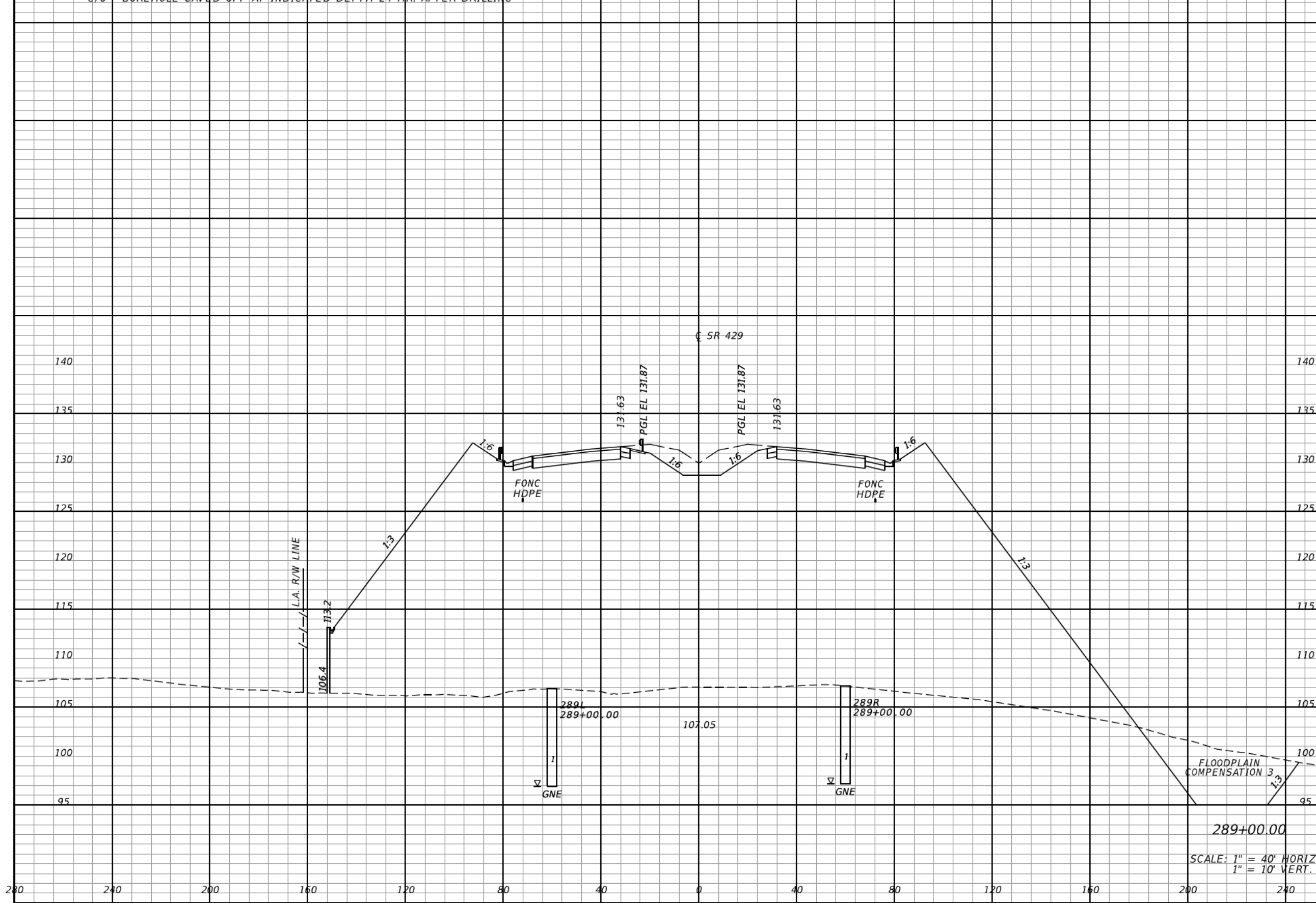


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
469

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.	Embankment	
A	V	A	V	



Regular		Exc.	Embankment	
A	V	A	V	
268		6339		21685
	1295			

289+00.00

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA
EXPRESSWAY AUTHORITY

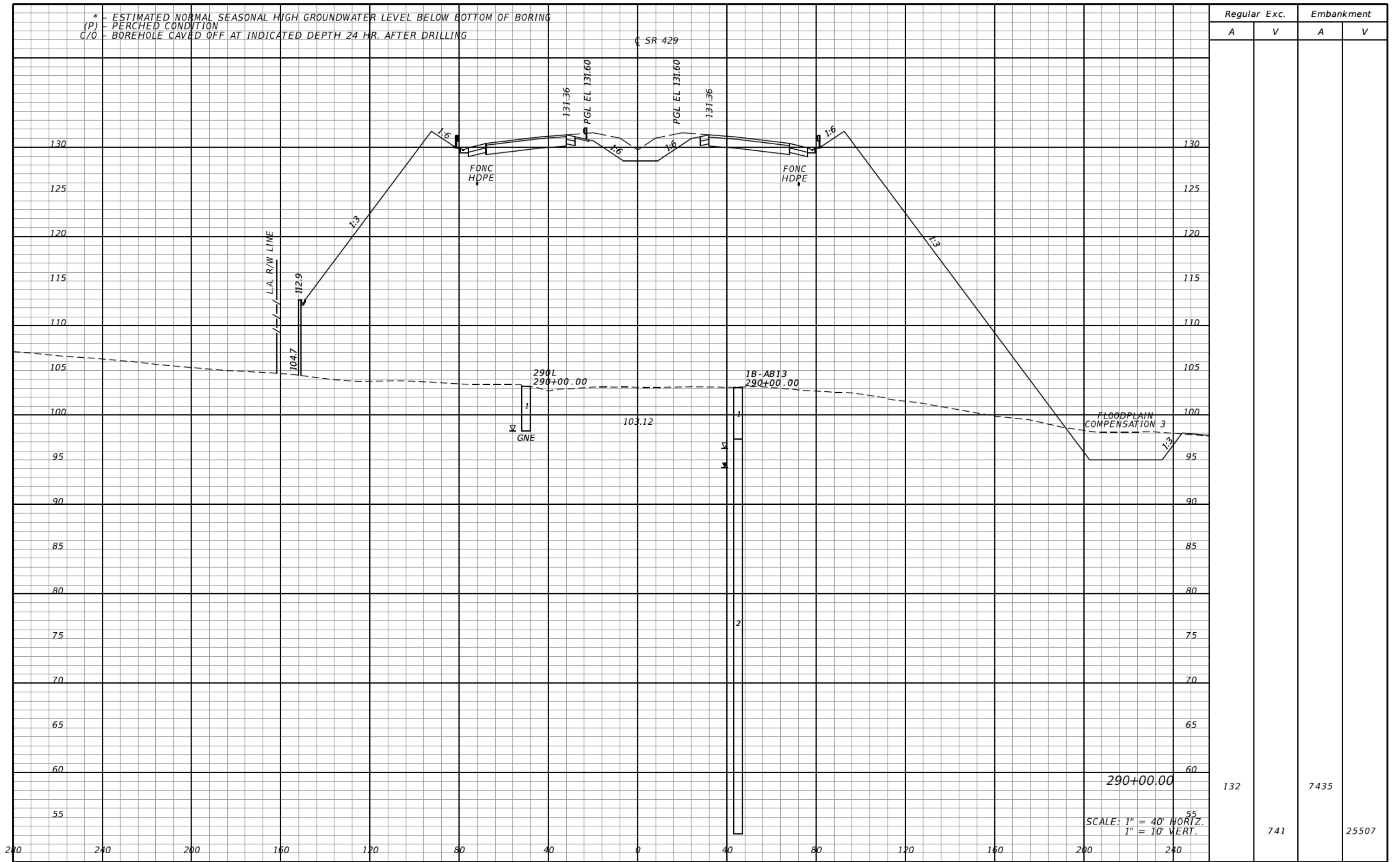
ROAD NO.	PROJECT NO.
SR 429	429-203



CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
470

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH



Regular		Exc.		Embankment	
A	V	A	V	A	V
132				7435	
	741				25507

290+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



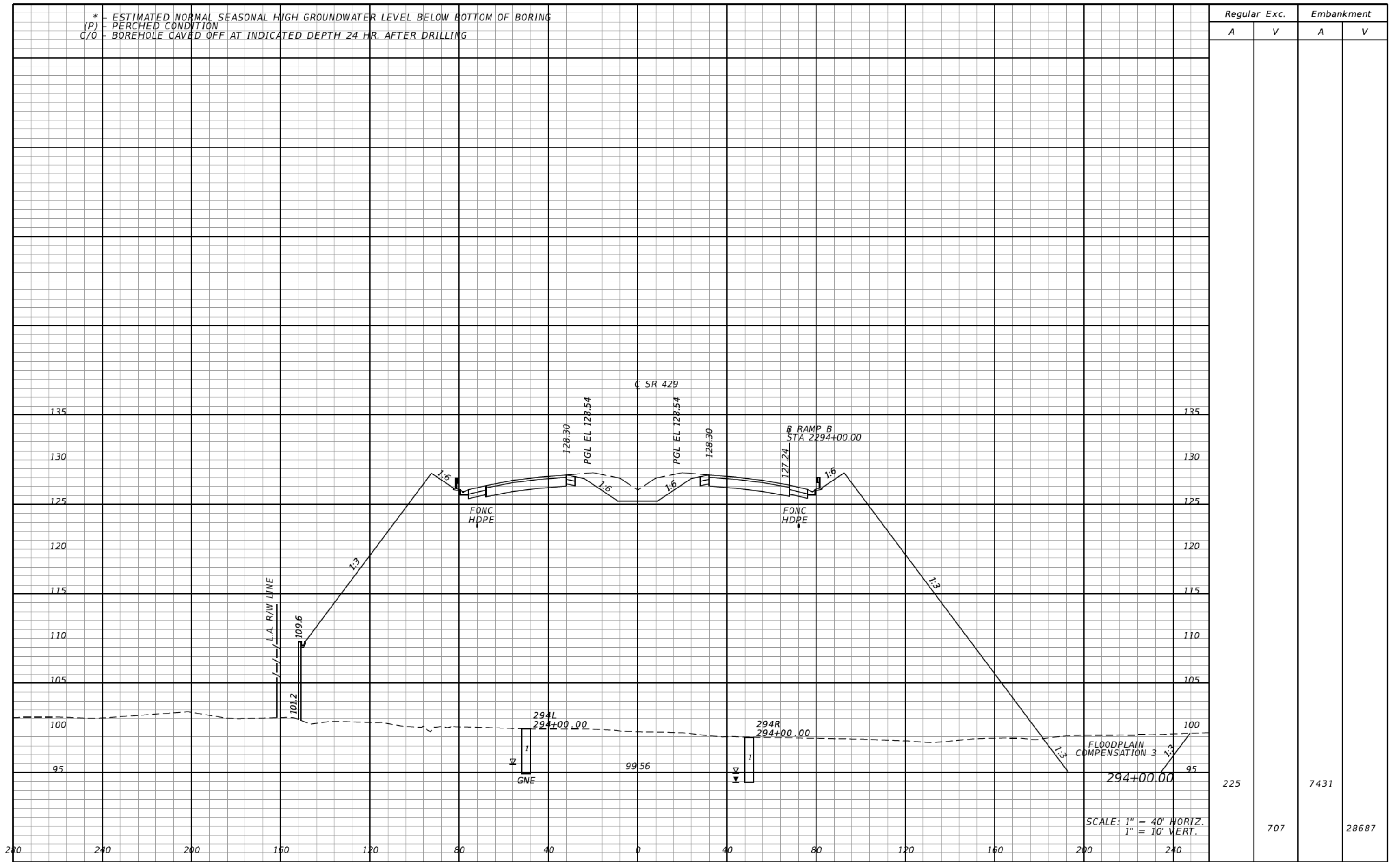
CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
471

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

225	7431	707	28687
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO. SR 429	PROJECT NO. 429-203

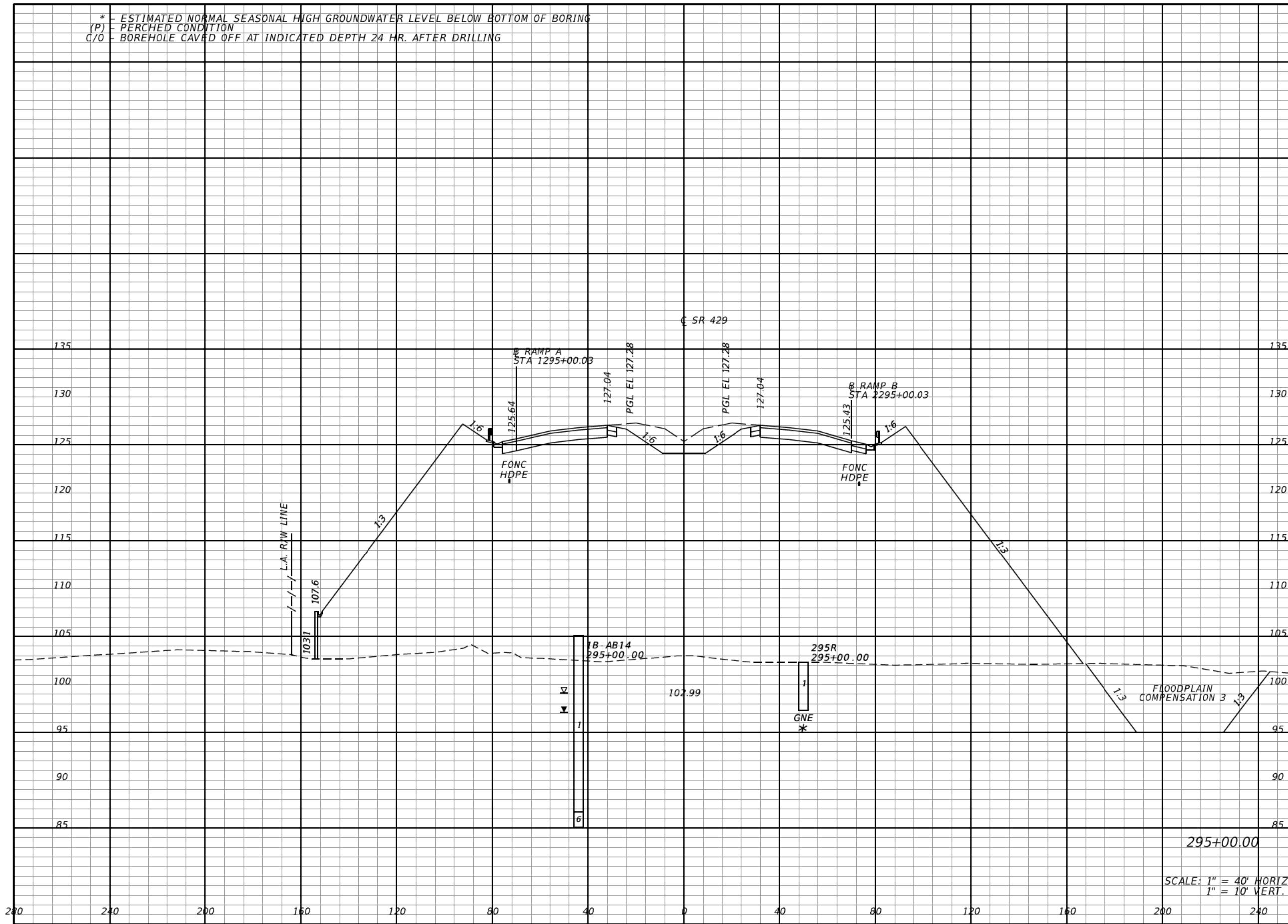



**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
475

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
384			1127	5966	24808



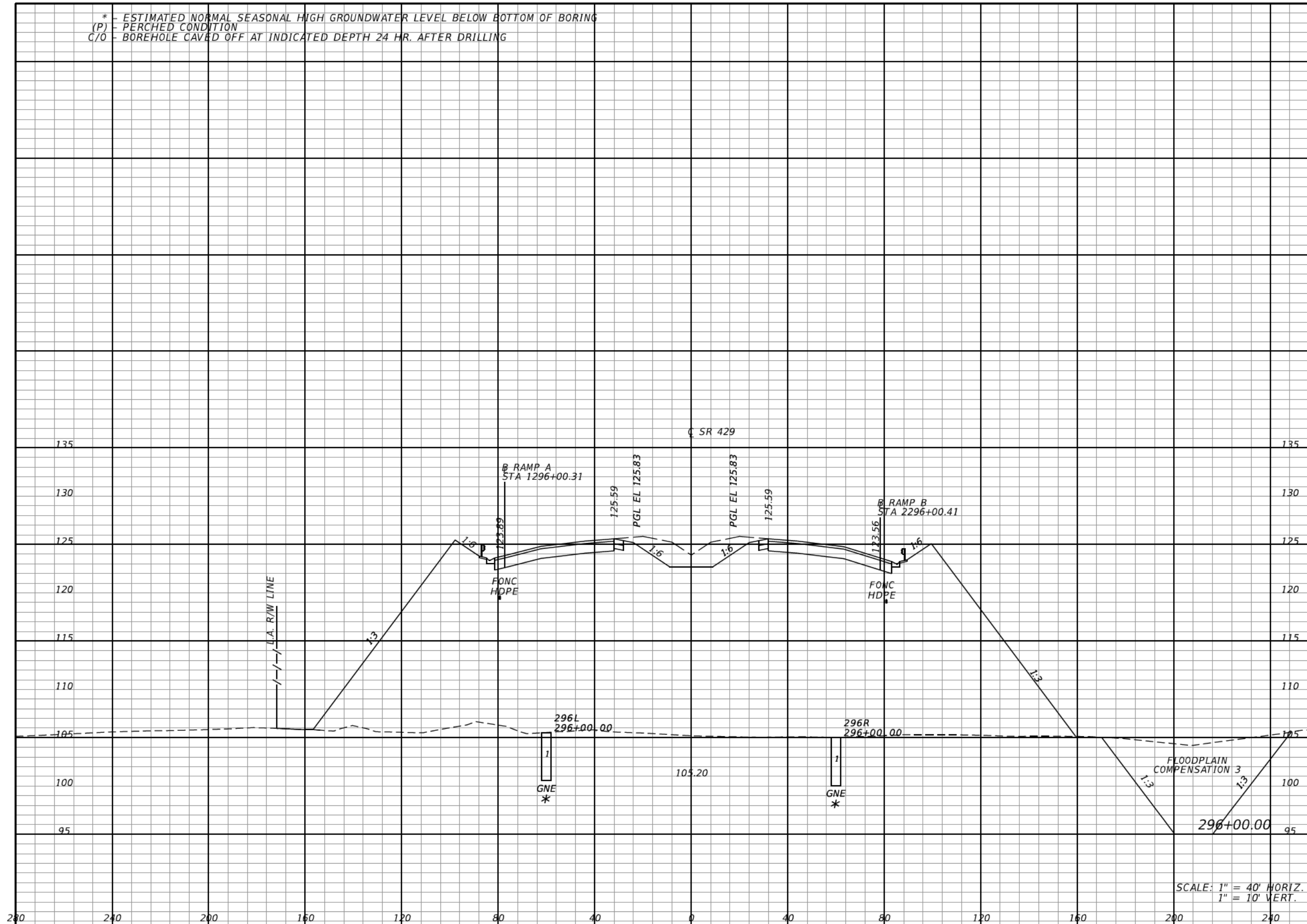
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		DATE	DESCRIPTION	DATE	DESCRIPTION					<p>DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794</p>		<p>CENTRAL FLORIDA EXPRESSWAY AUTHORITY</p> <table border="1"> <tr> <th>ROAD NO.</th> <th>PROJECT NO.</th> </tr> <tr> <td>SR 429</td> <td>429-203</td> </tr> </table>		ROAD NO.	PROJECT NO.	SR 429	429-203			<p>CROSS SECTIONS SR 429 (WEKIVA PKWY)</p>		<p>SHEET NO. 476</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																			
ROAD NO.	PROJECT NO.																					
SR 429	429-203																					

psand 3/25/2015 6:17:08 AM \\Sandburg\trans-jobs\EA11 Wekiva Pkwy_00CEA\SR_429\roadway\rdxsr429_int.dgn

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



443

4776

1530

19893

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
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 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO. PROJECT NO.

SR 429 429-203



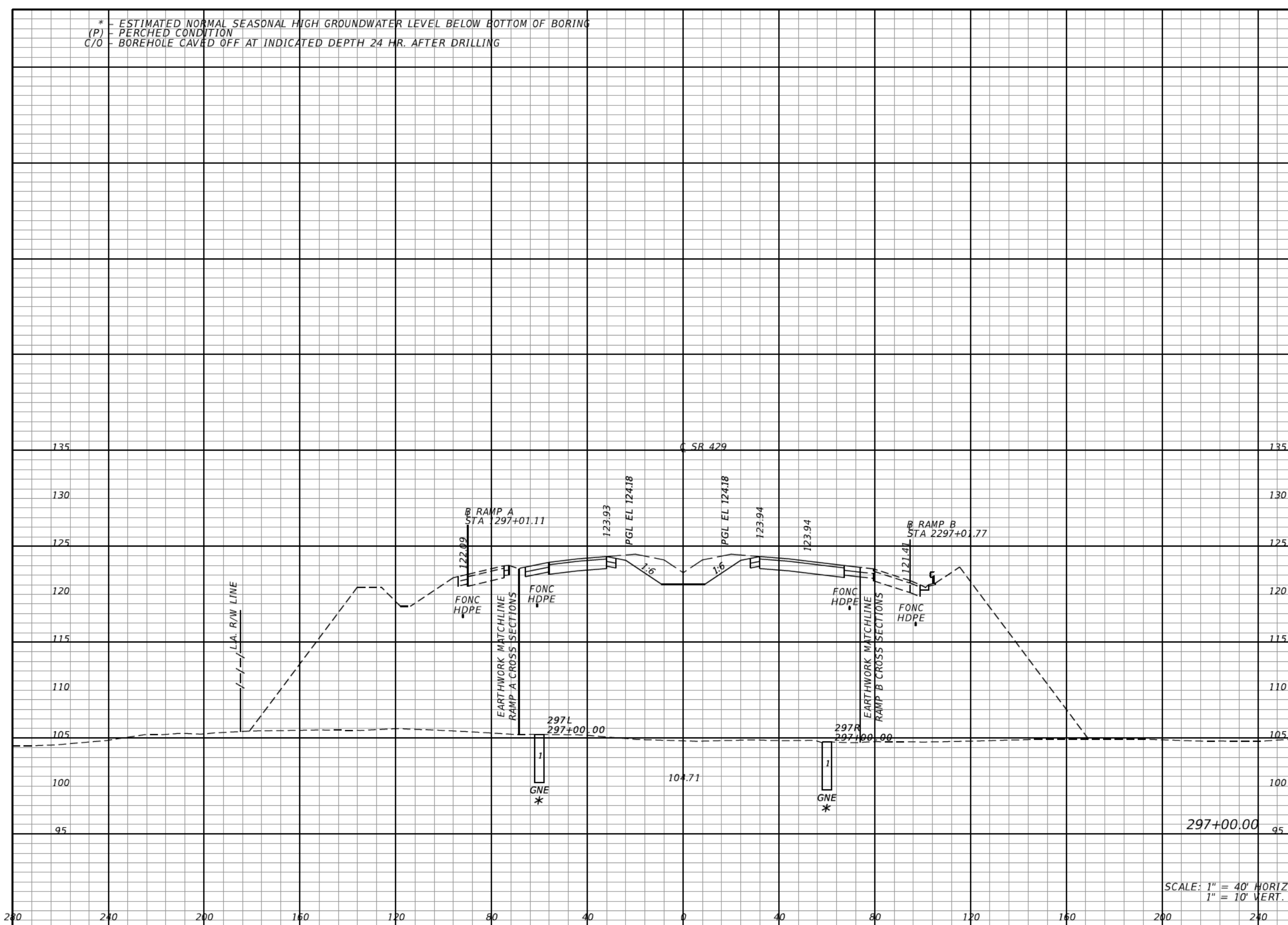
CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.

477

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0			820	2467	13414



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

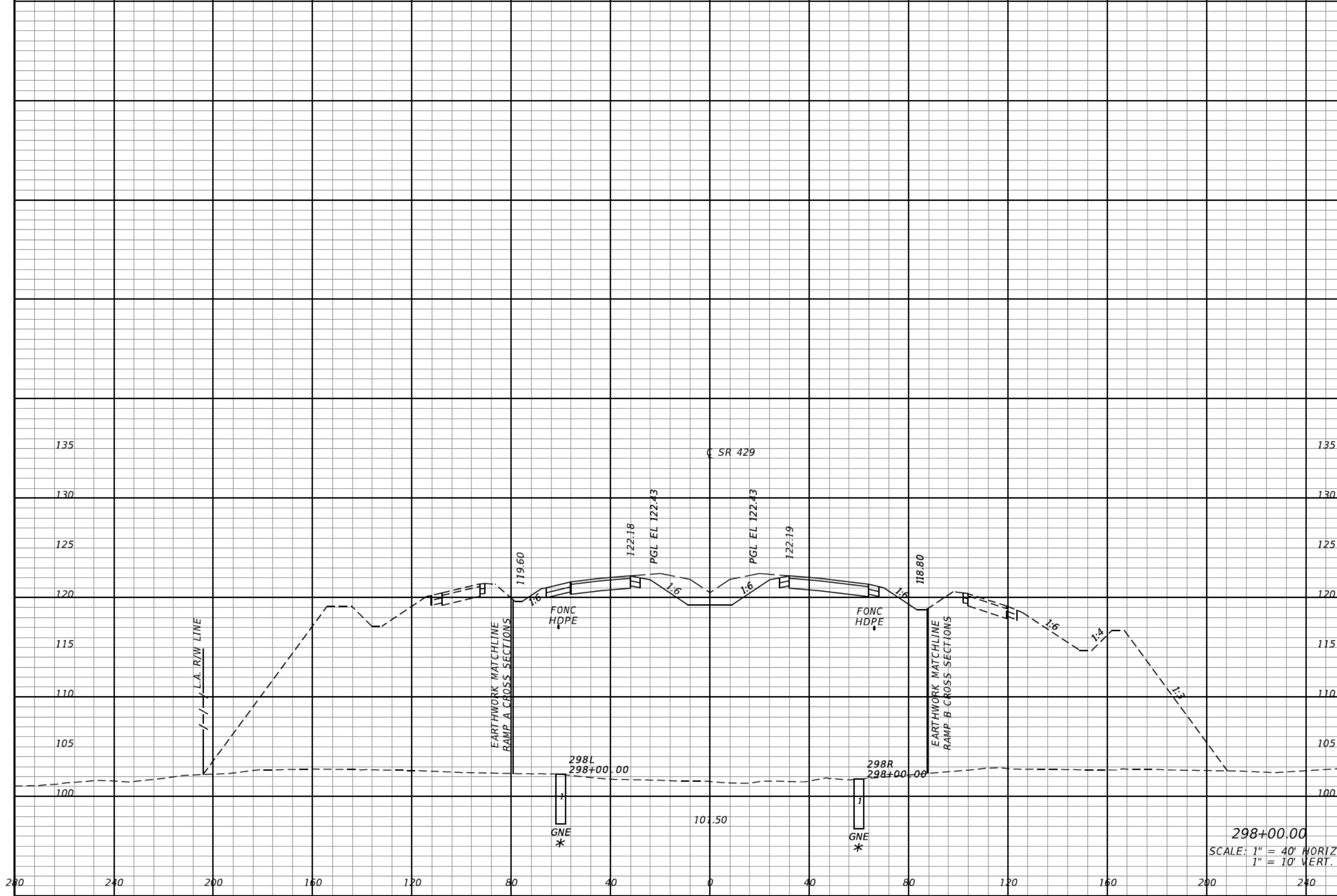


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
478

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0		0		3101	10312



298+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

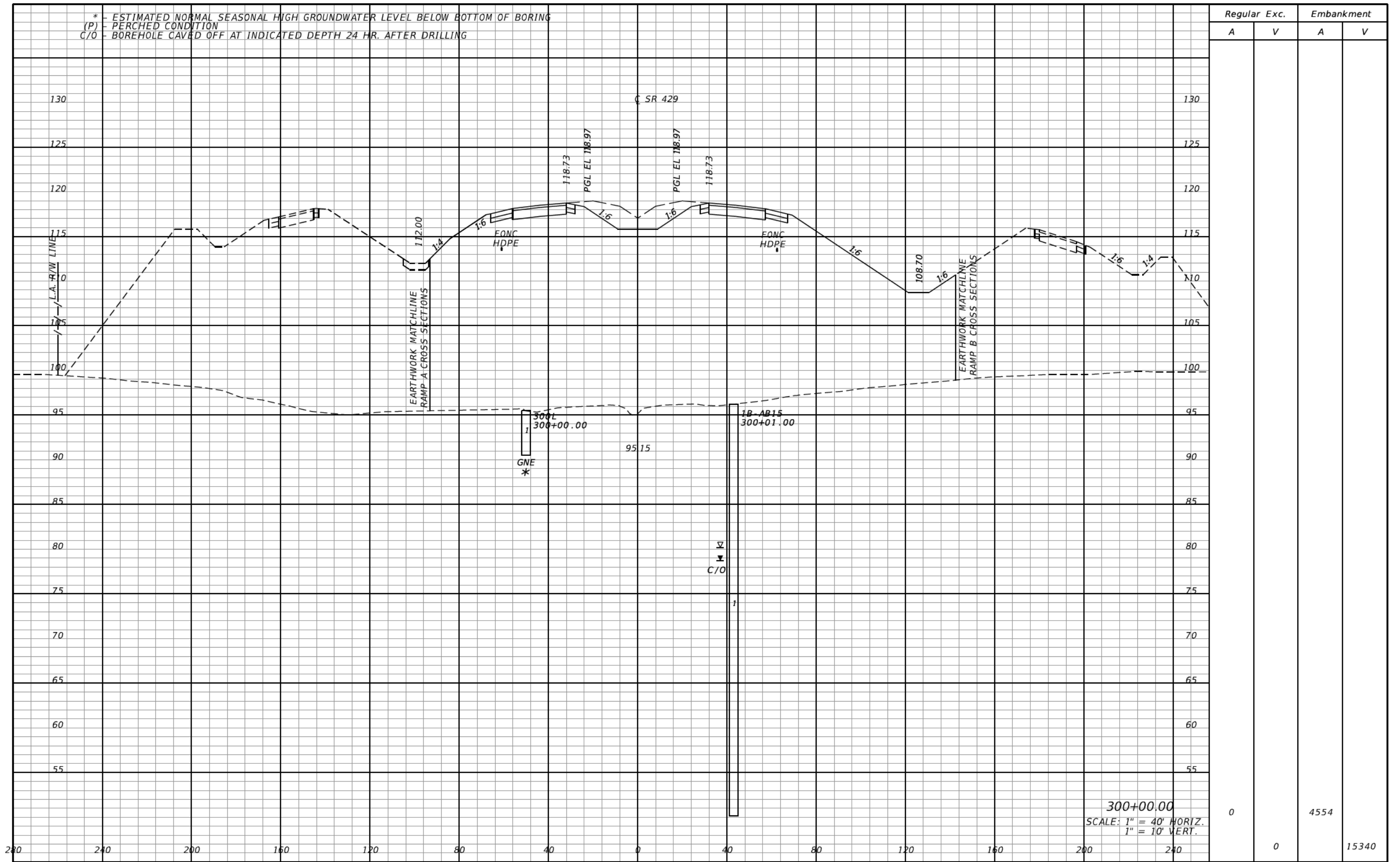
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
479

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	4554	15340

300+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



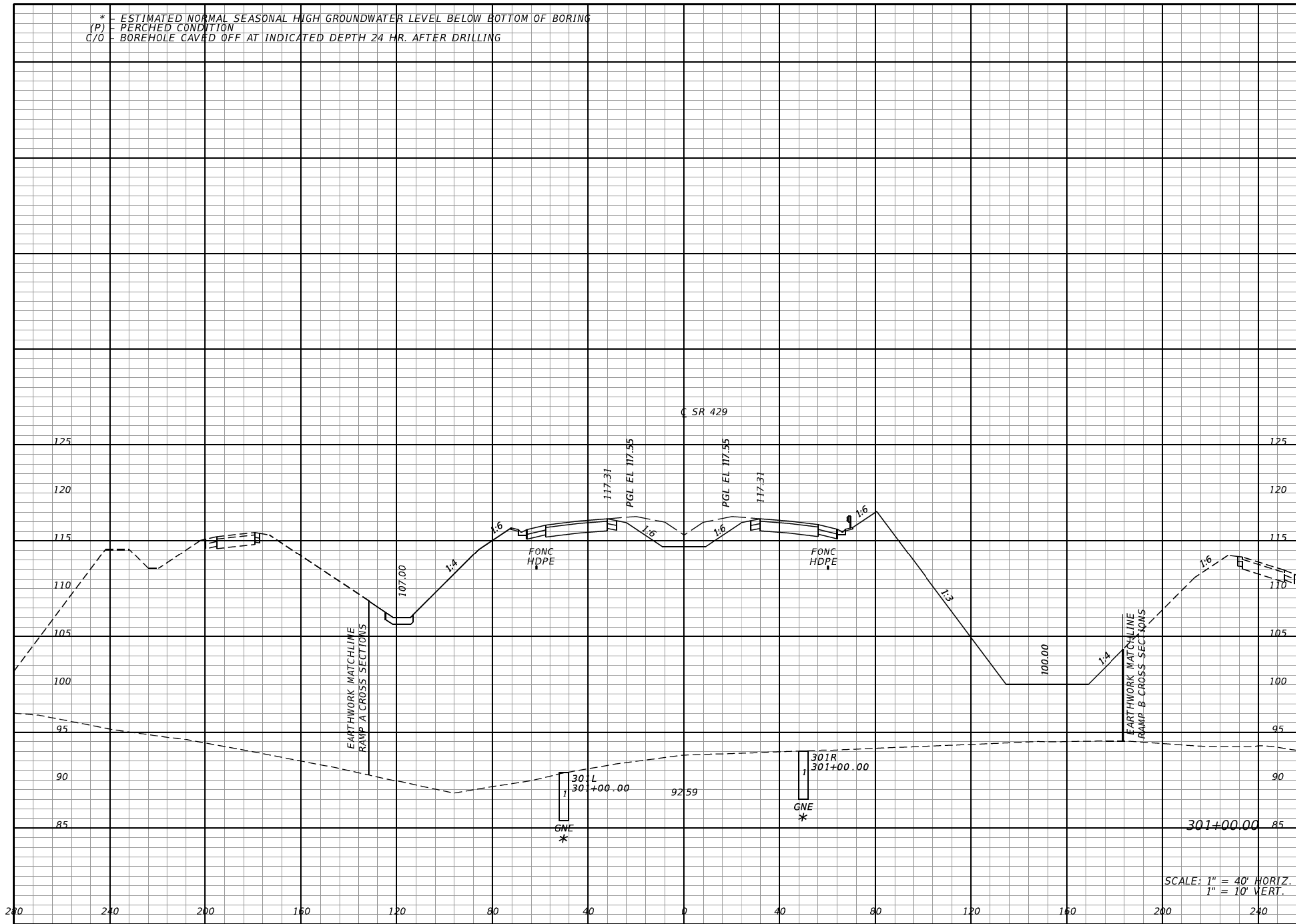
CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
481

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

0	0	6021 (A-3) (0)	19583

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
482

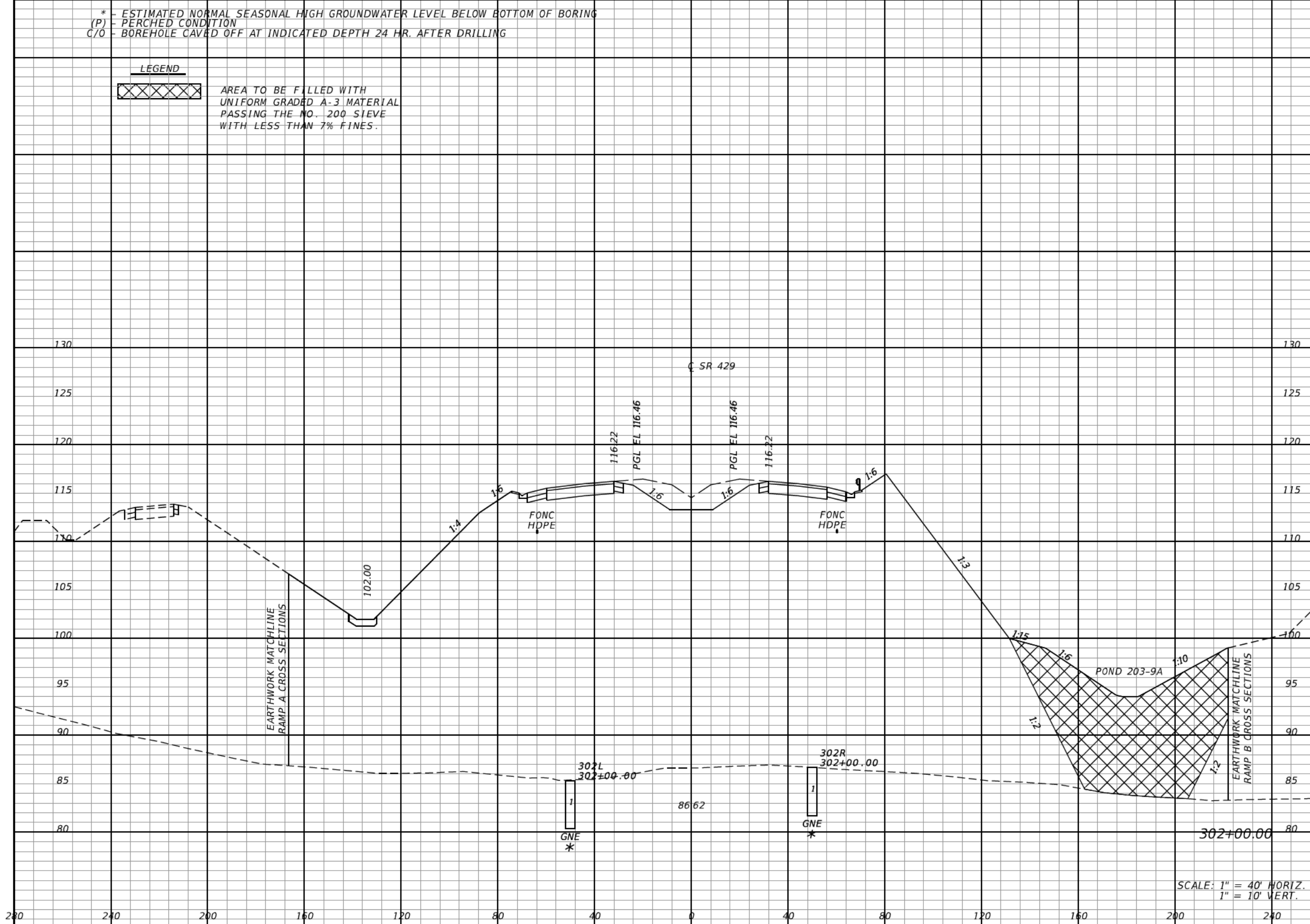
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0		0		8608 (A-3) (849)	27091 (A-3) (1572)

LEGEND



AREA TO BE FILLED WITH
UNIFORM GRADED A-3 MATERIAL
PASSING THE NO. 200 SIEVE
WITH LESS THAN 7% FINES.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**
ROAD NO. SR 429
PROJECT NO. 429-203

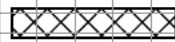


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

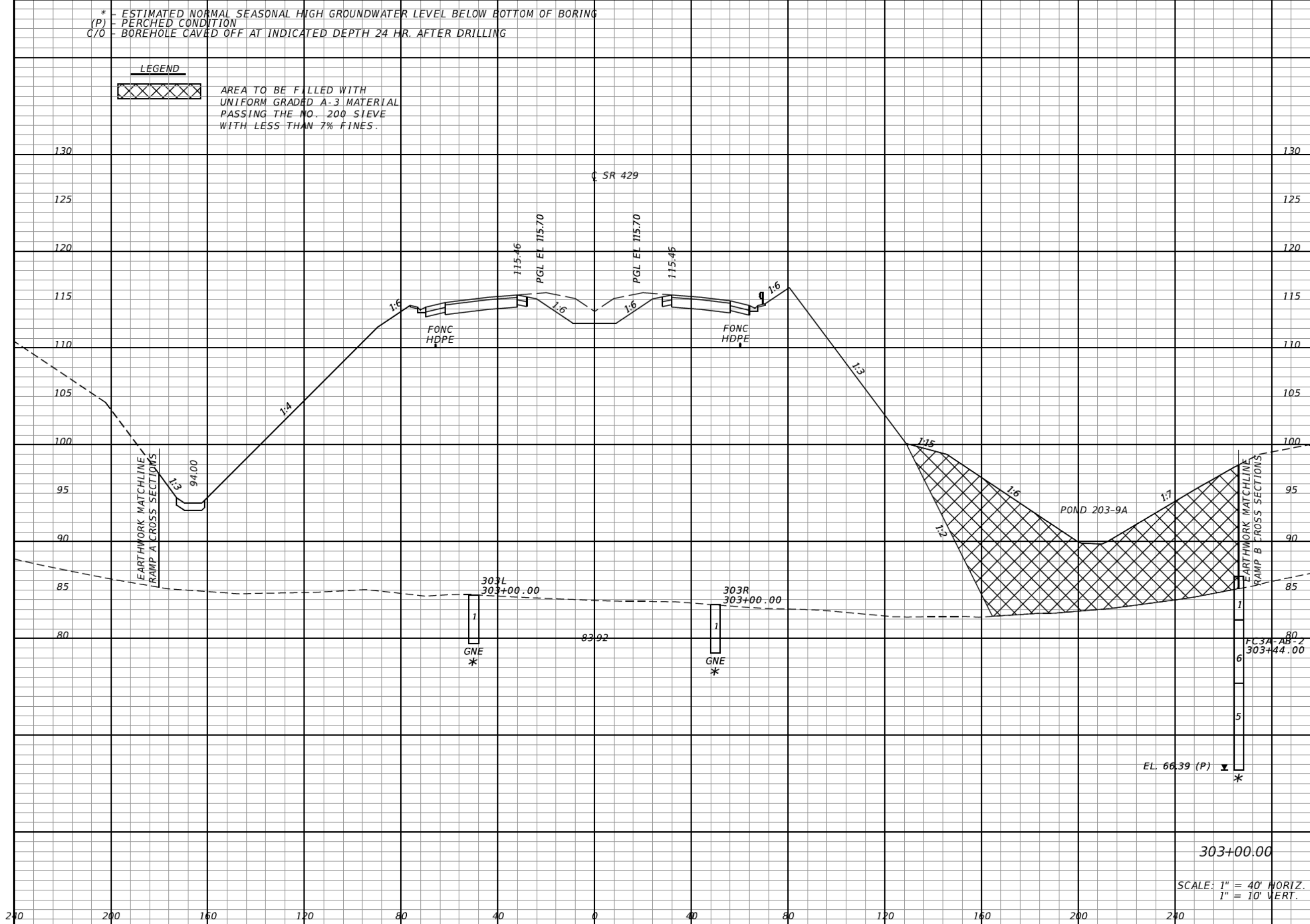
SHEET NO.
483

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

LEGEND



AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0				9379 (A-3) (1252)	
			0		33309 (A-3) (3891)

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
484

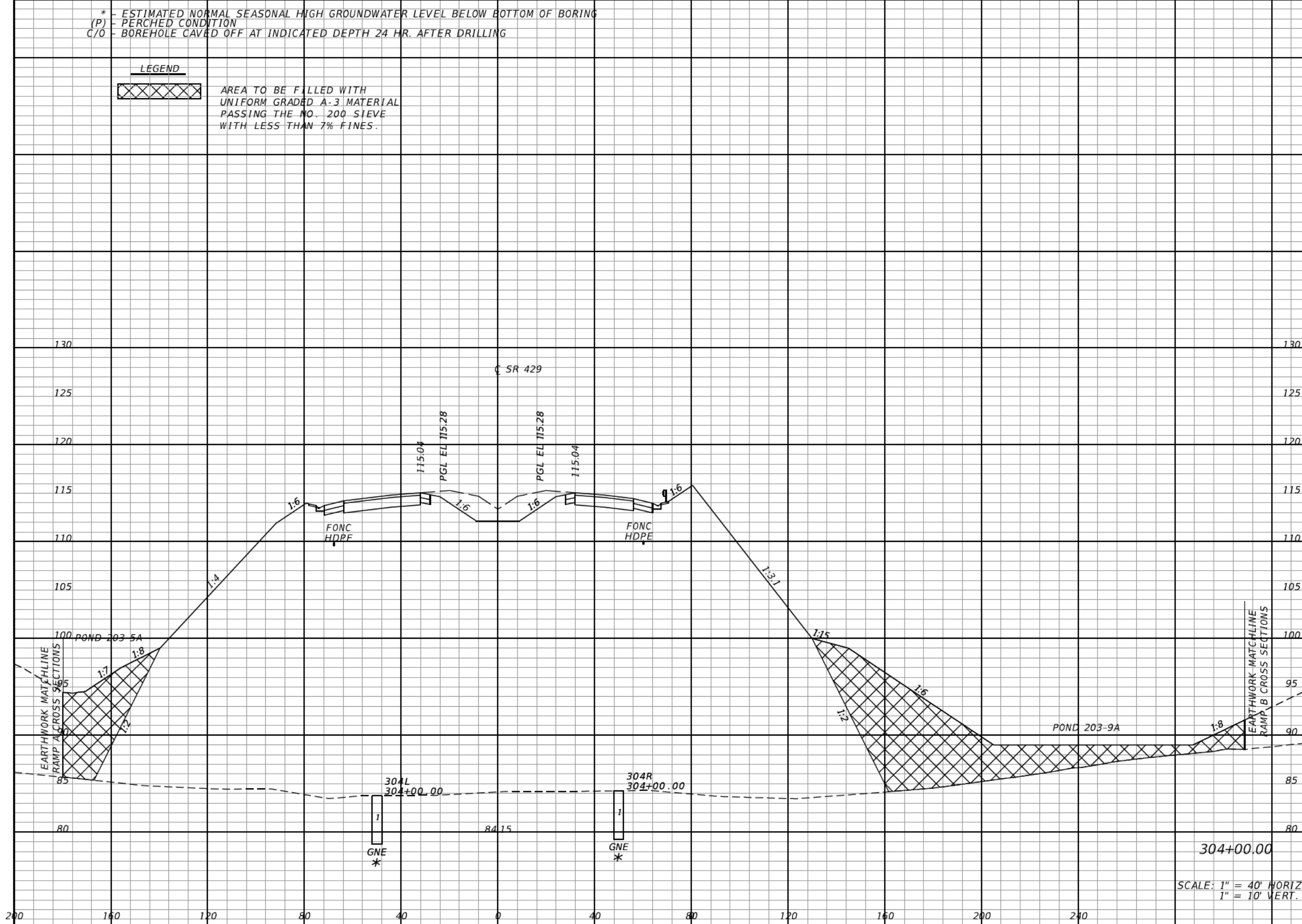
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V

LEGEND



AREA TO BE FILLED WITH
UNIFORM GRADED A-3 MATERIAL
PASSING THE NO. 200 SIEVE
WITH LESS THAN 7% FINES.



0	0	8742 (A-3) (1016)	33556 (A-3) (4200)
---	---	-------------------------	--------------------------

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

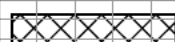


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

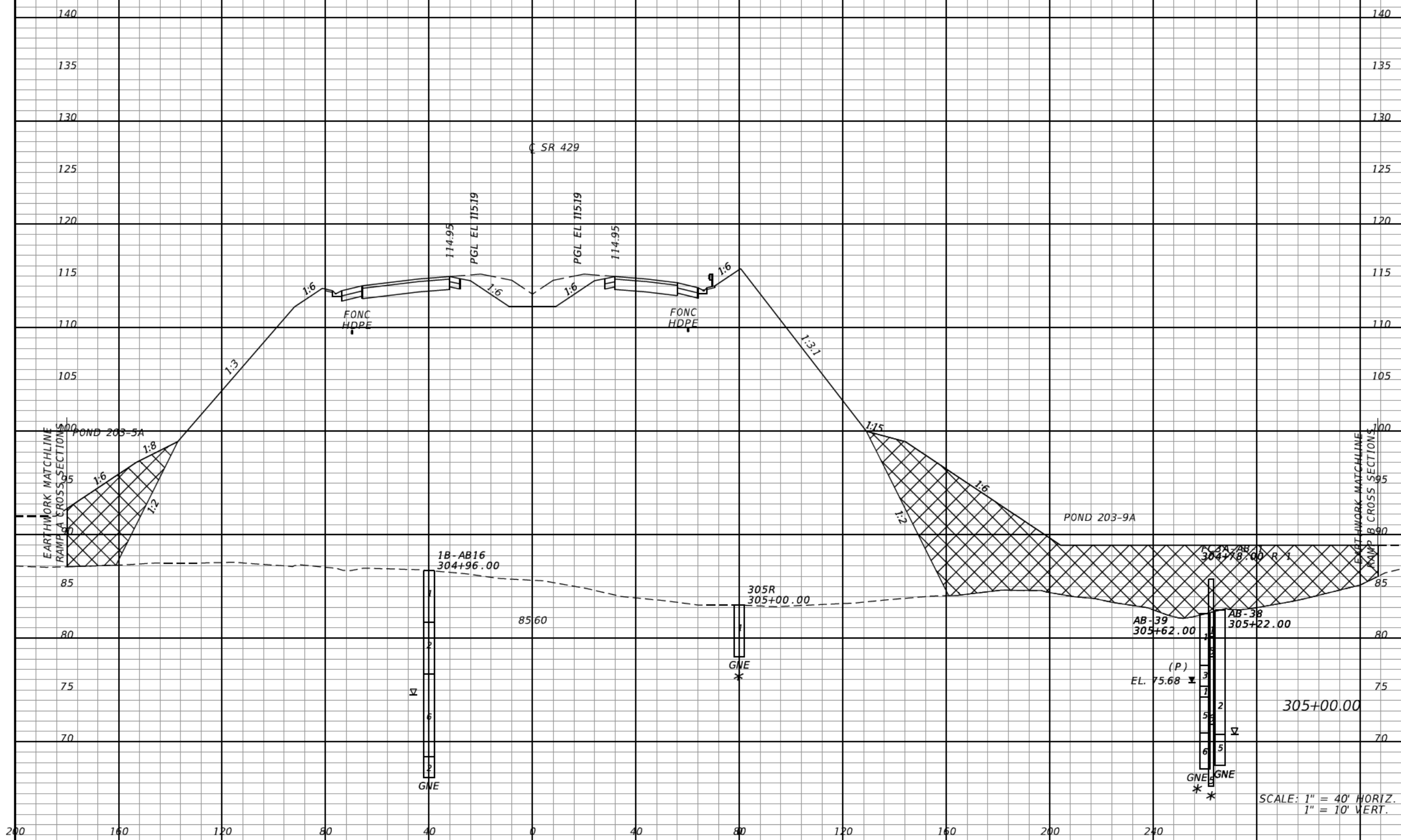
SHEET NO.
485

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

LEGEND



AREA TO BE FILLED WITH
UNIFORM GRADED A-3 MATERIAL
PASSING THE NO. 200 SIEVE
WITH LESS THAN 7% FINES.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0		0		8725 (A-3) (1479)	32346 (A-3) (4620)

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
486

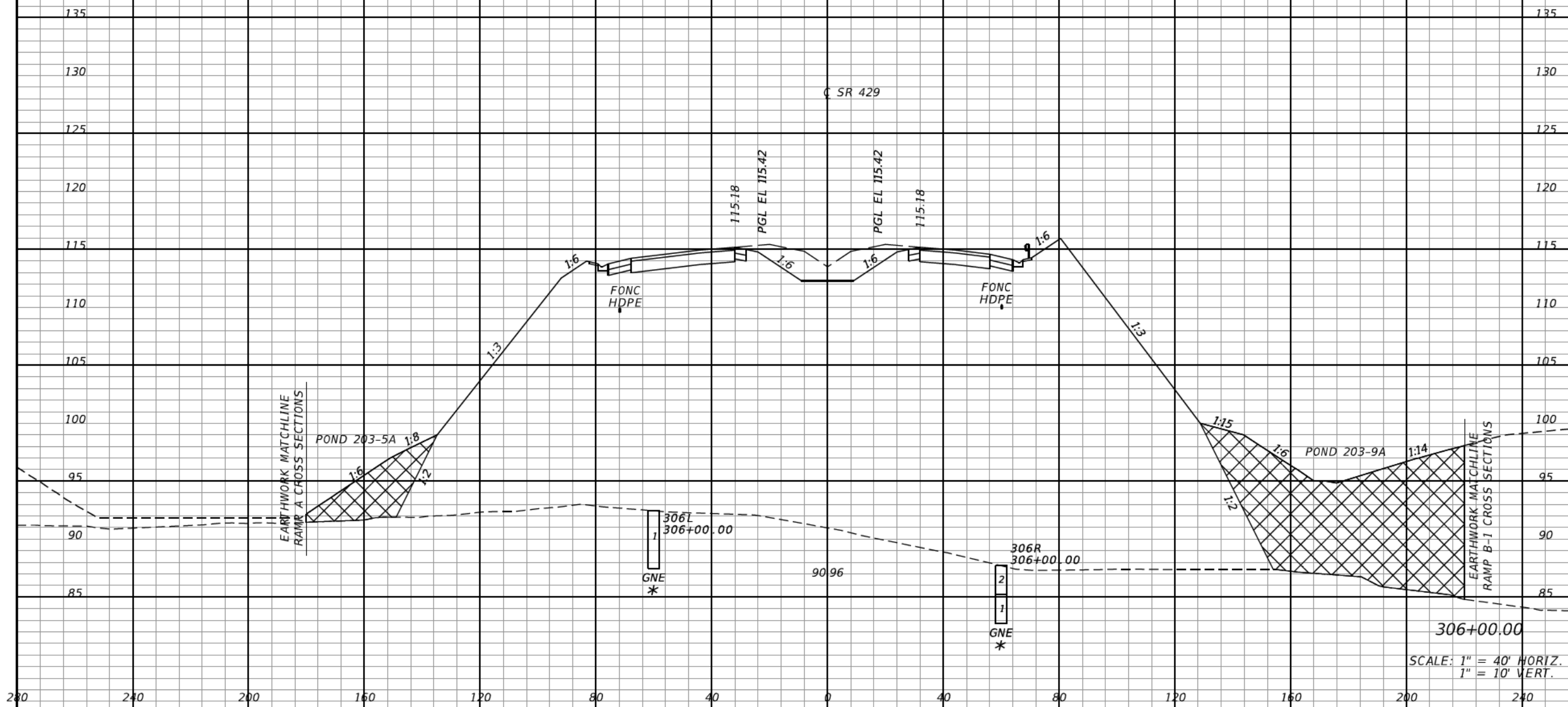
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0		0		6654 (A-3) (927)	28481 (A-3) (4456)

LEGEND



AREA TO BE FILLED WITH
 UNIFORM GRADED A-3 MATERIAL
 PASSING THE NO. 200 SIEVE
 WITH LESS THAN 7% FINES.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO. SR 429	PROJECT NO. 429-203

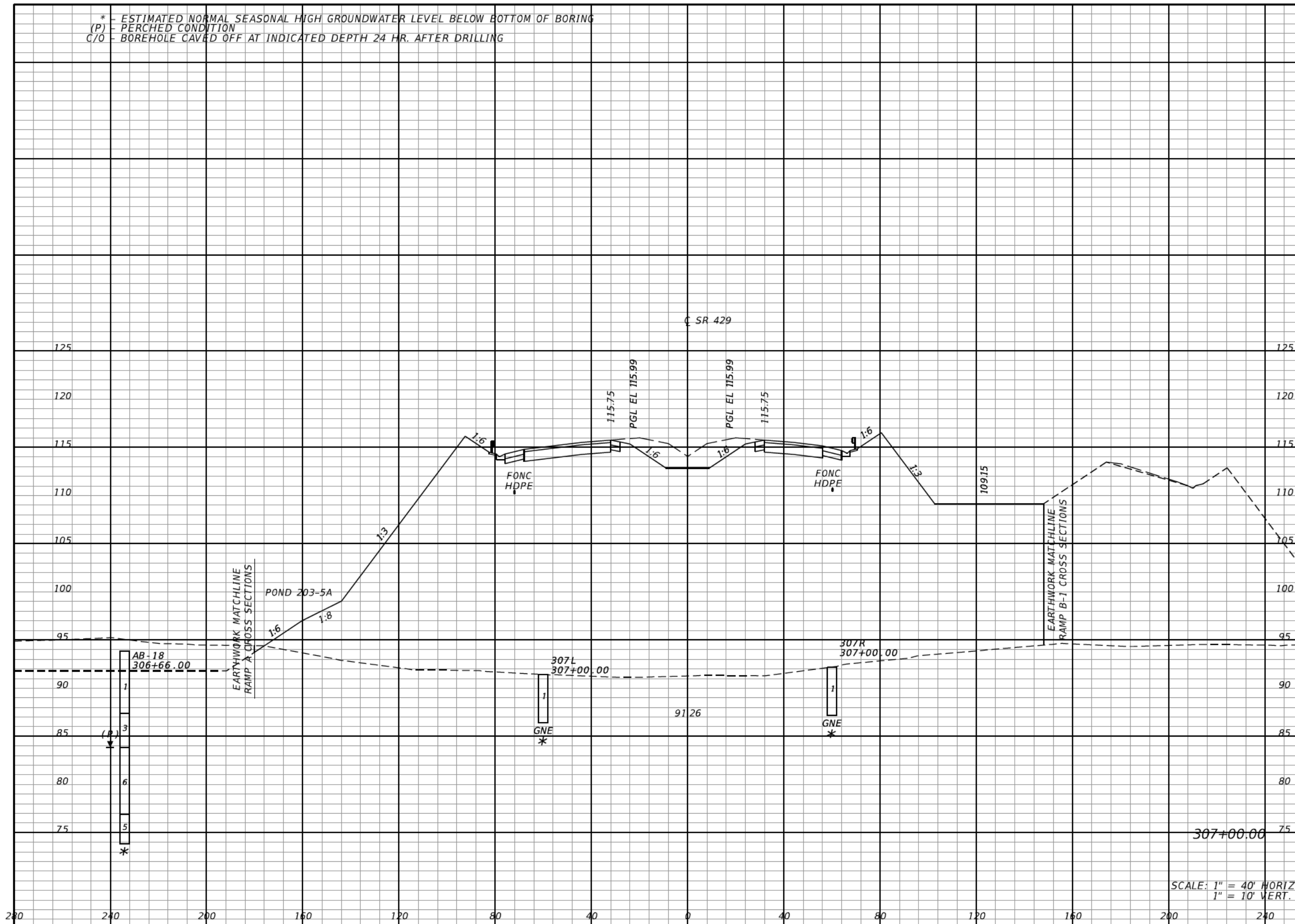


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET
NO.
487

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING


Regular		Exc.		Embankment	
A	V	A	V	A	V
1				5937 (A-3) (0)	
	3				
					23317 (A-3) (1716)



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

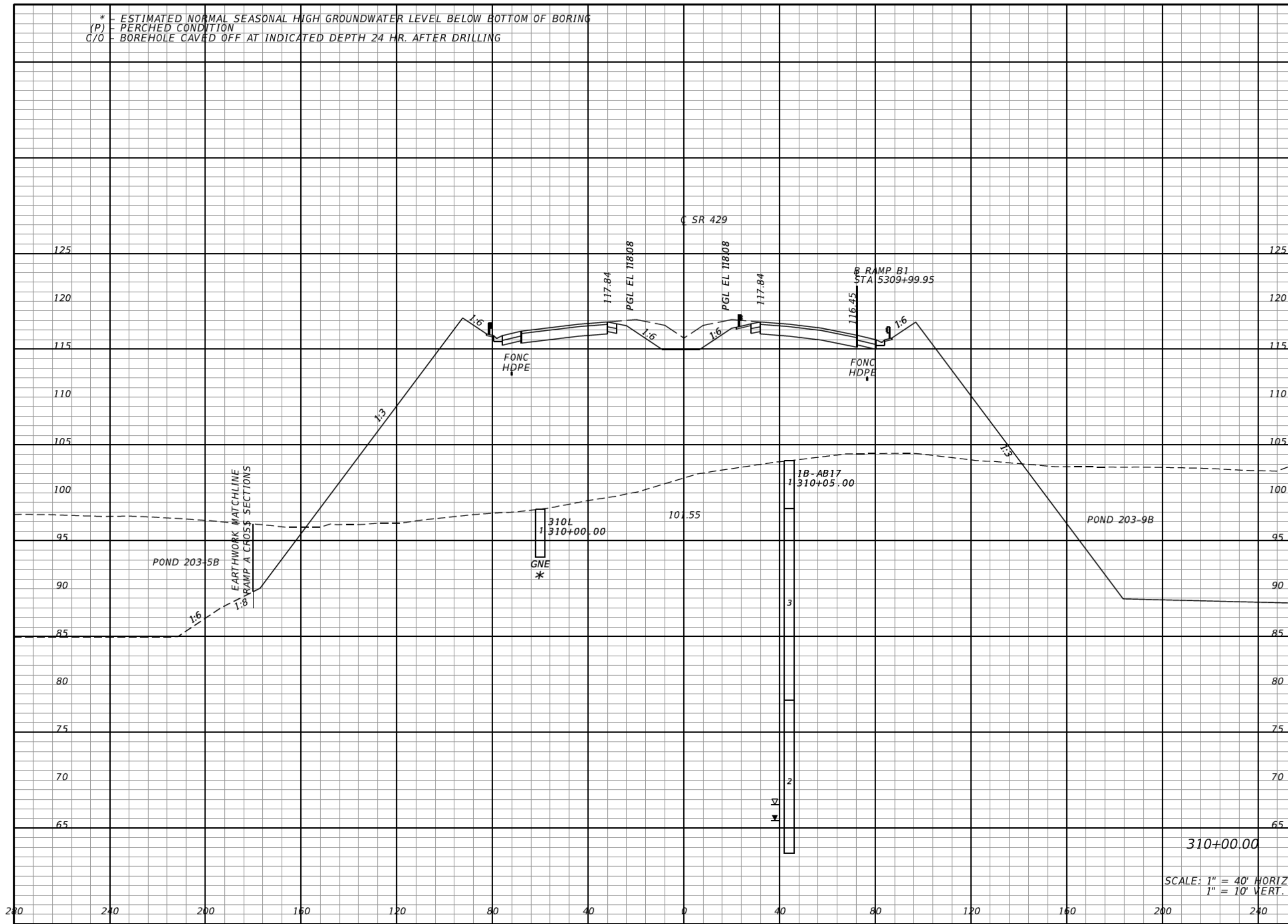
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO. SR 429 PROJECT NO. 429-203

CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 488

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.	Embankment	
A	V	A	V	
2826		3812		
	5476		15221	



310+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

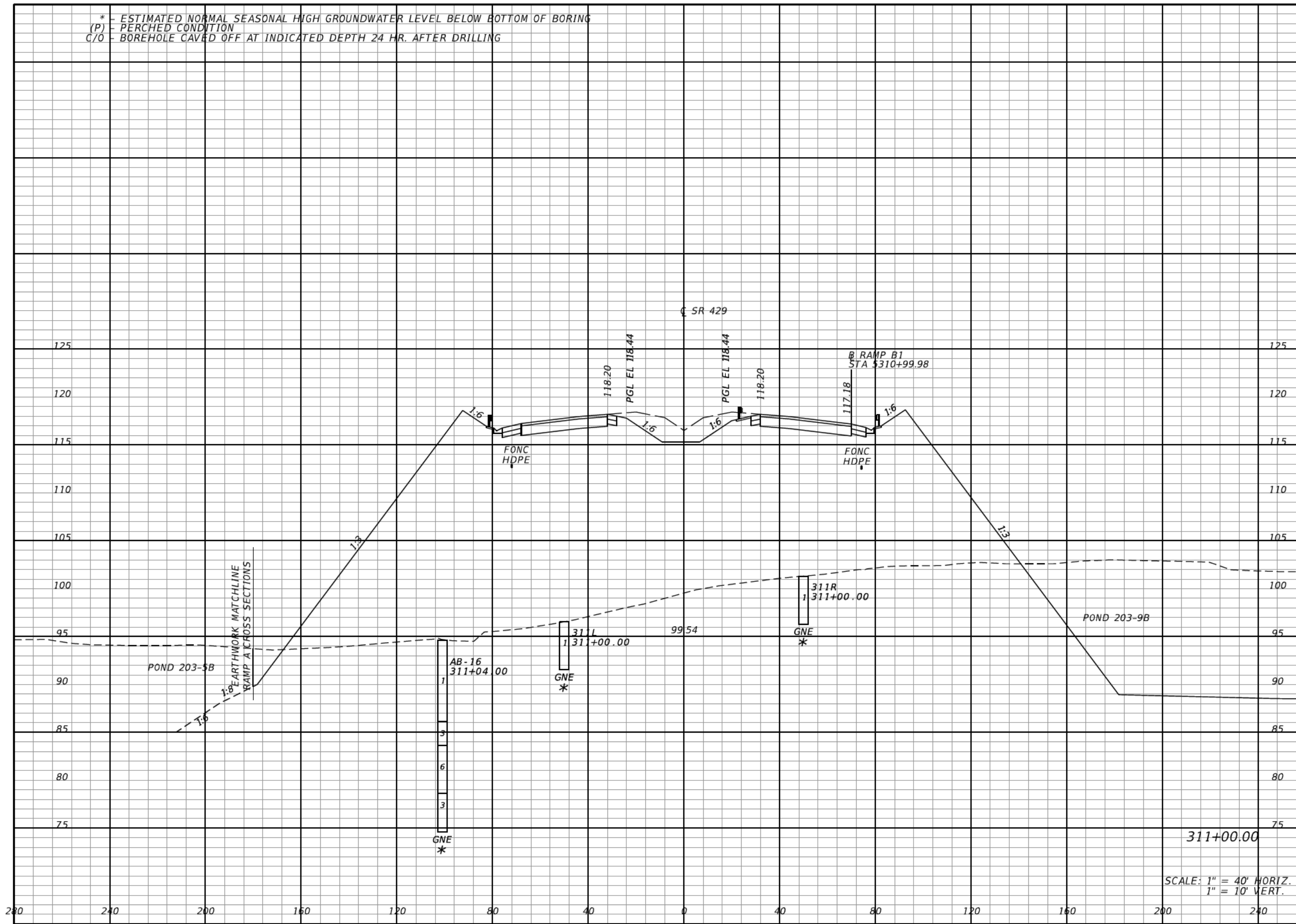


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO. 491

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

2696		4530	
	10226		15449

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

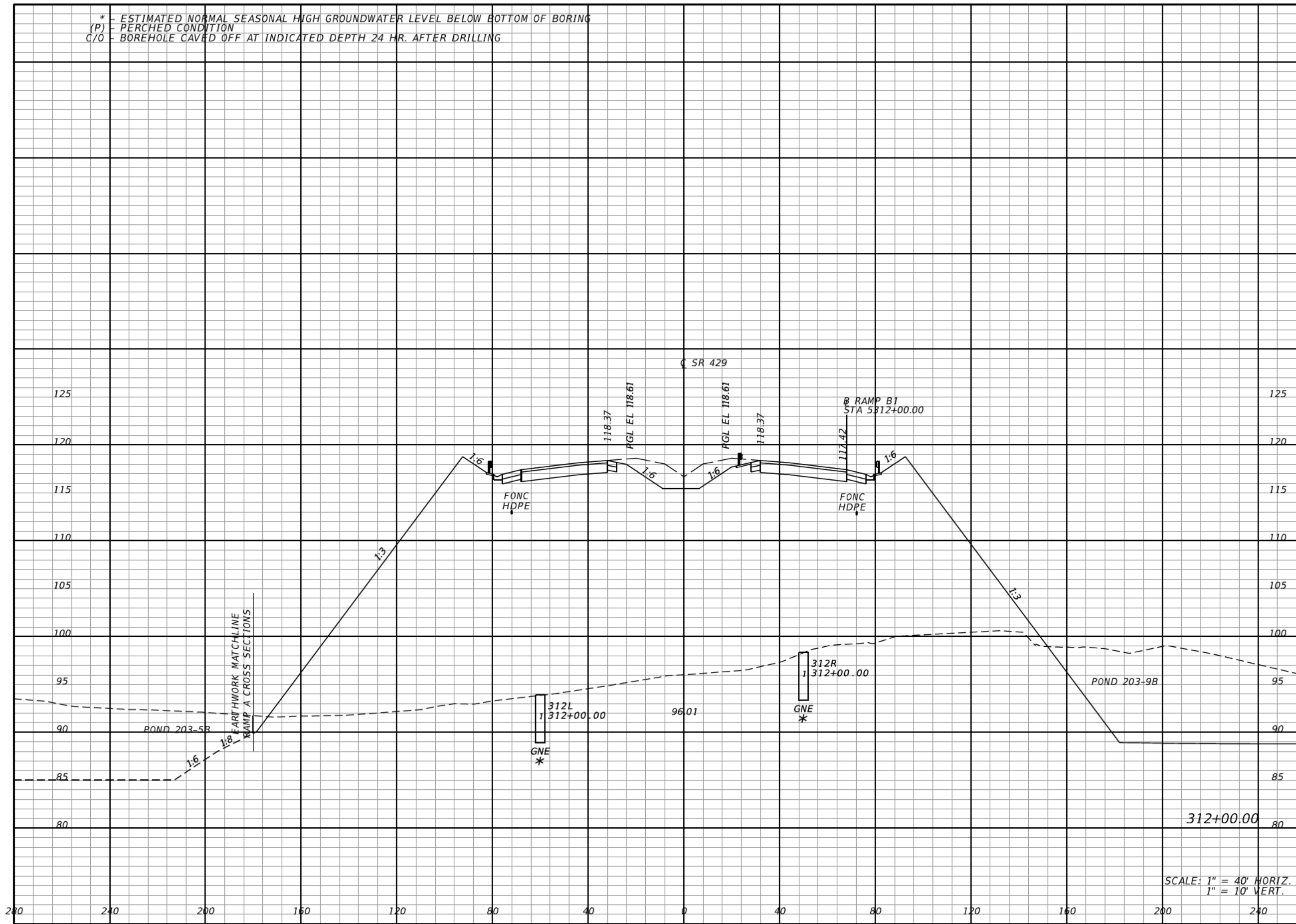


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
492

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.	Embankment	
A	V	A	V	
1549		7862		
		5400		
				18389



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

DANIEL F. CHRISTIE, P.E.
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ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



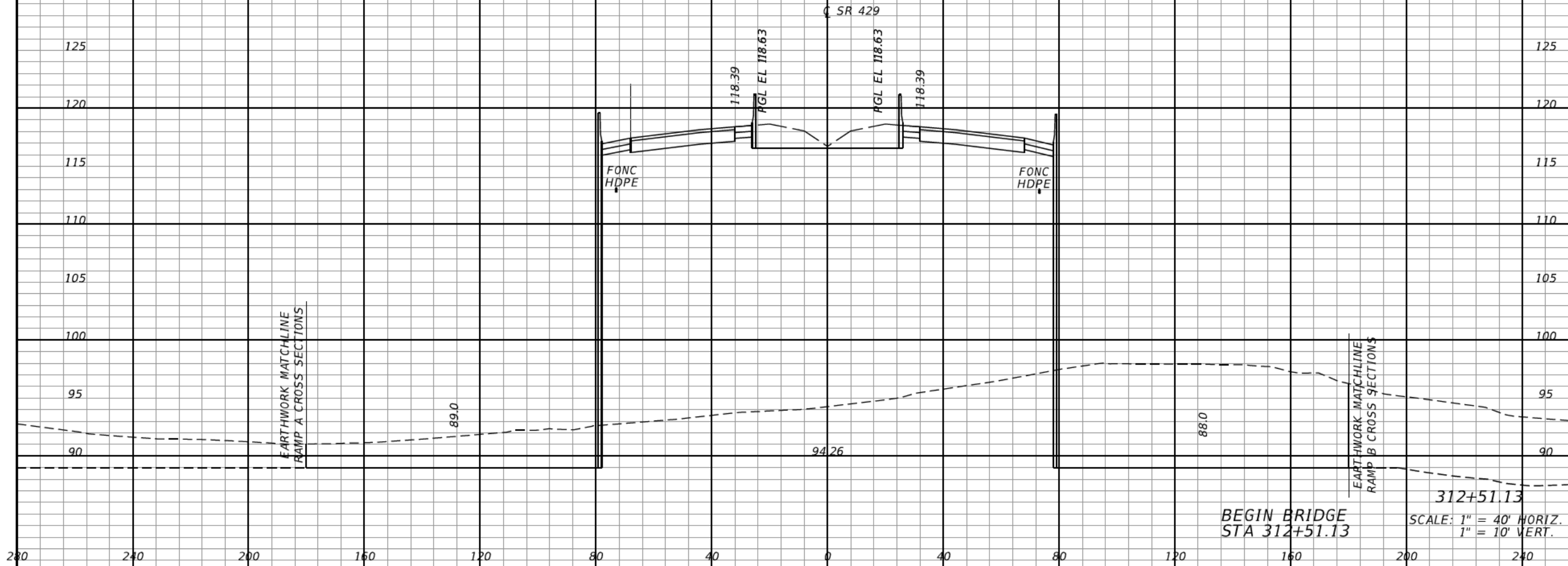
CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
493

REVISIONS	
DATE	DESCRIPTION

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



1158 3441
2564 8371

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

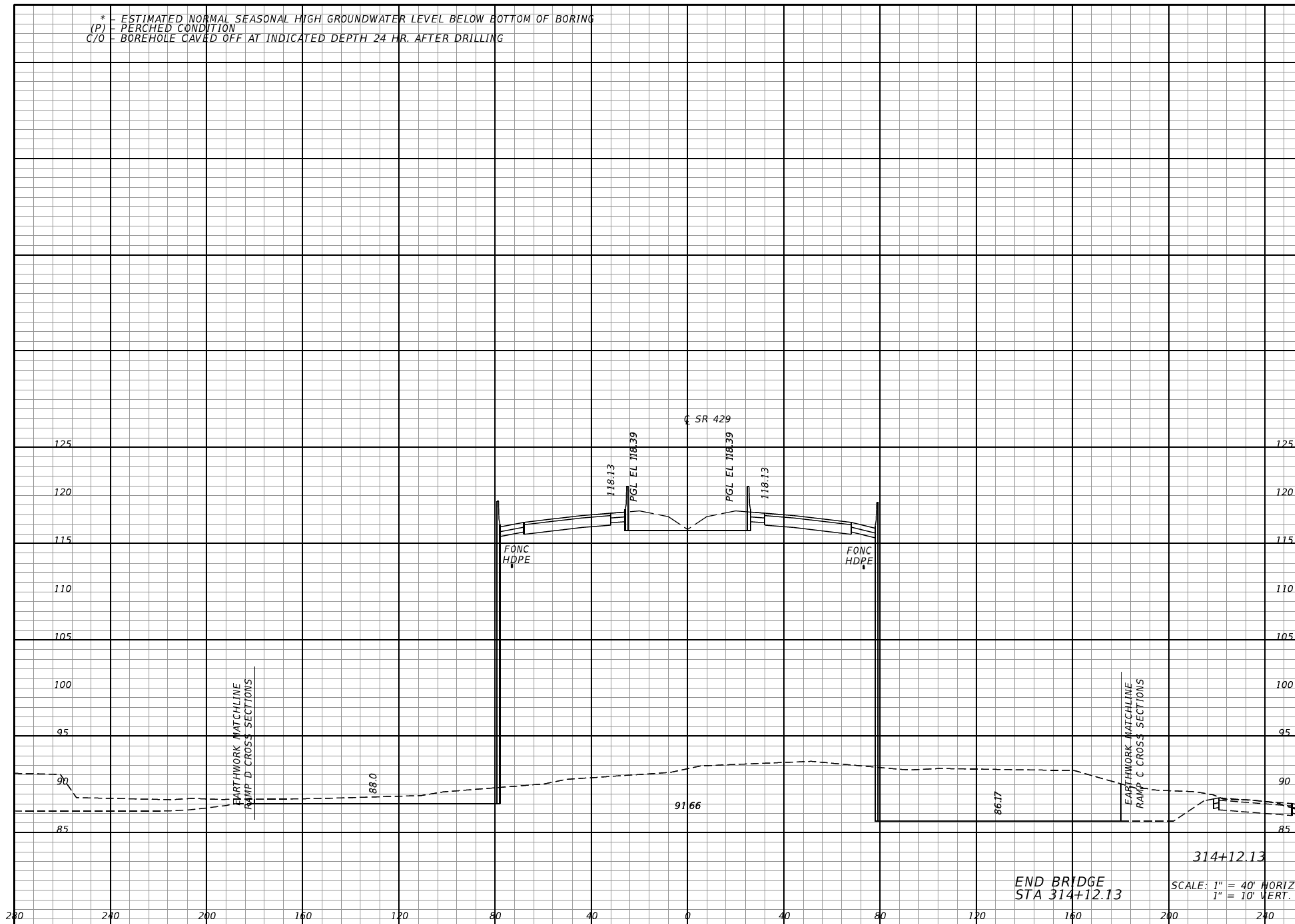


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
494

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
625		0		3903	0



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

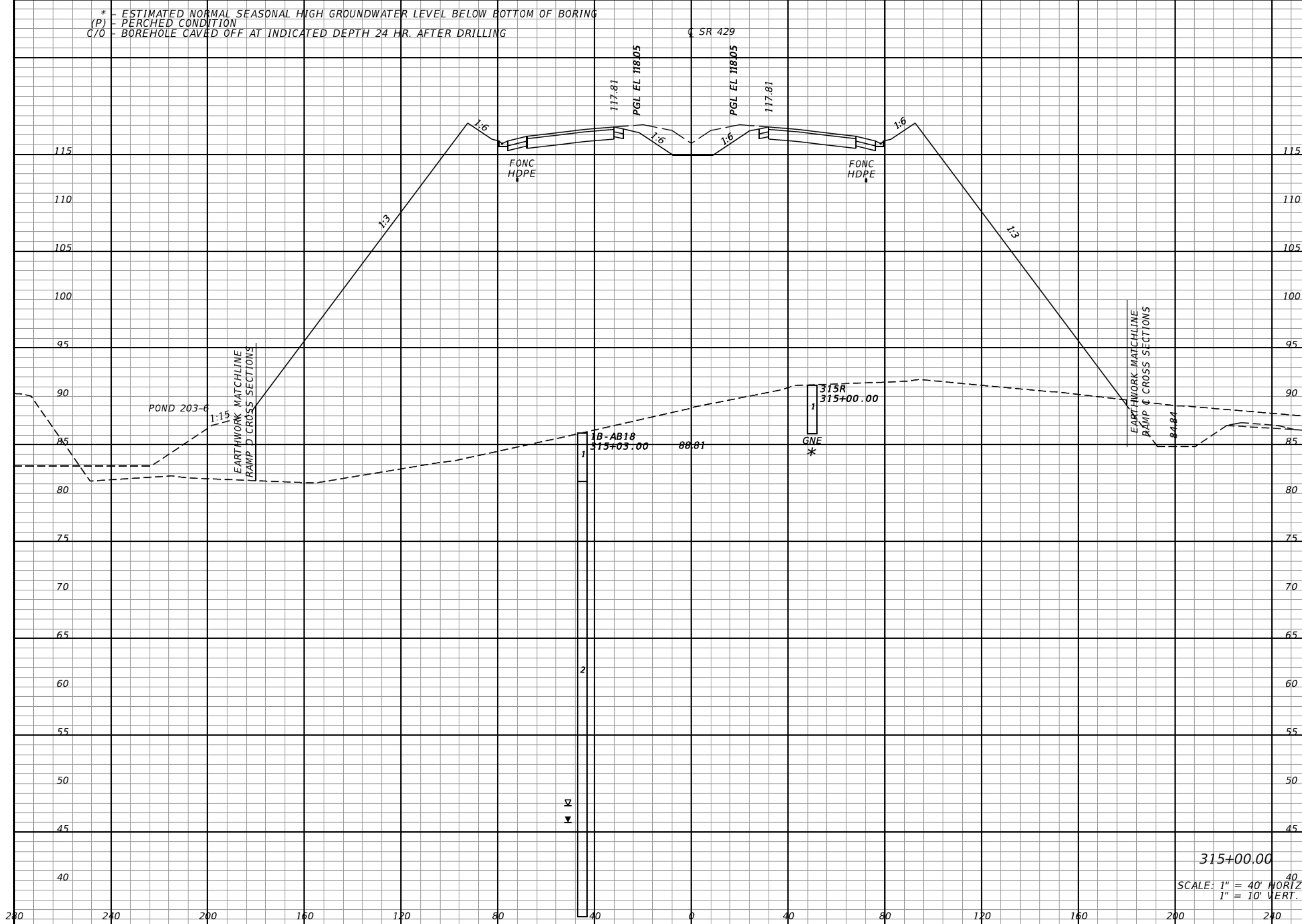
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
495

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
1				8157	
	1017				19623

315+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

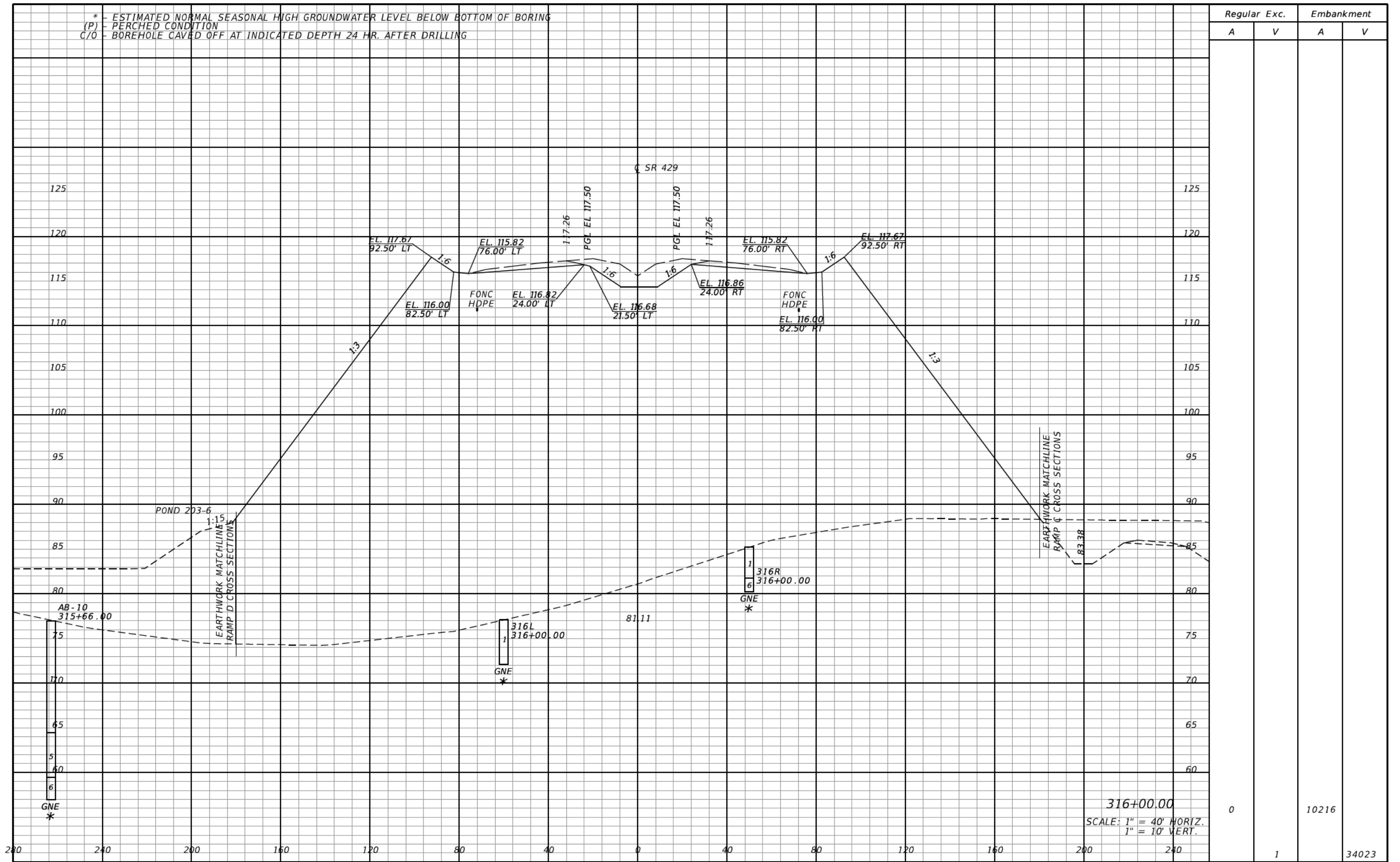
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 496

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	1			10216	34023

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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 520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203

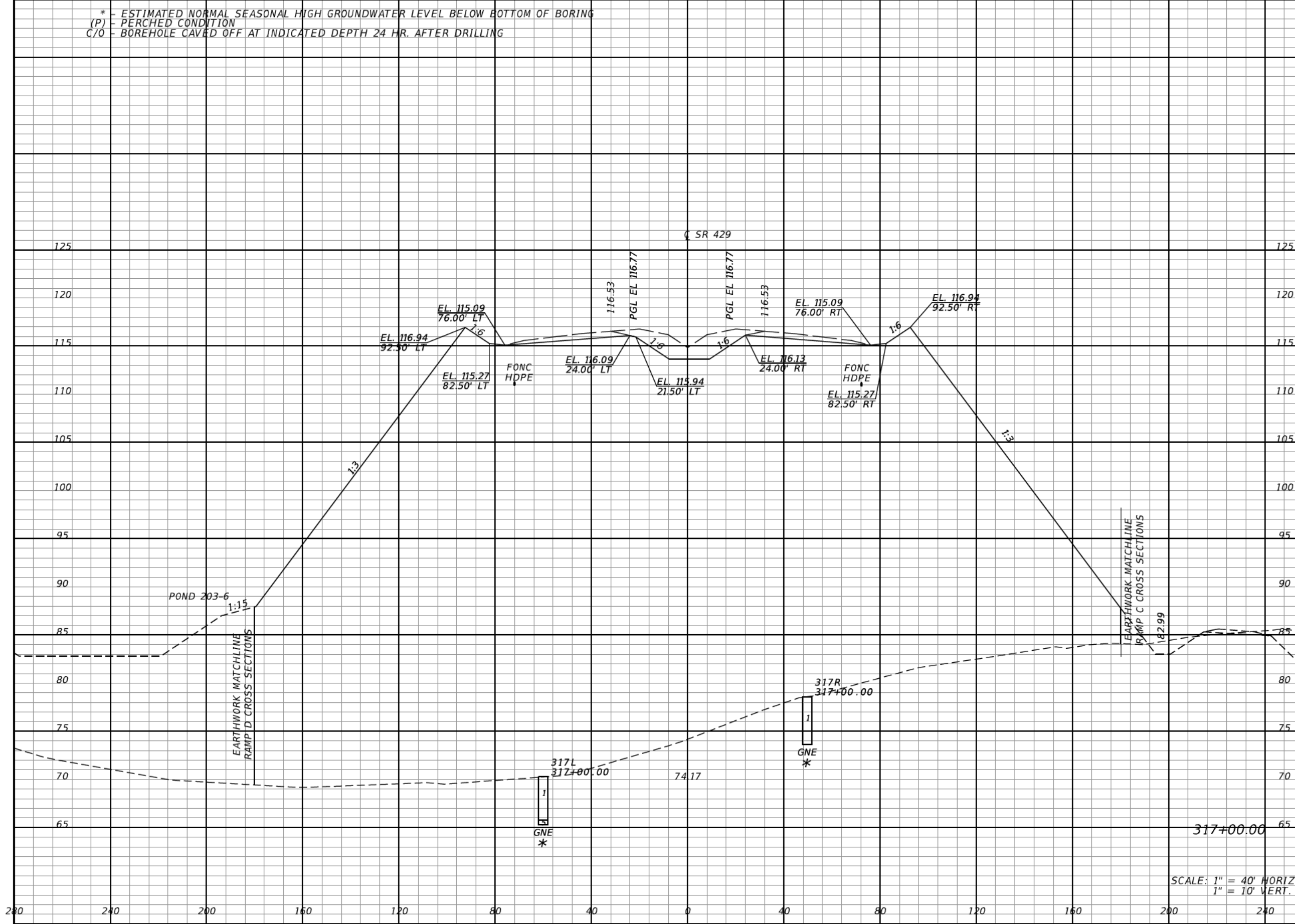


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
497

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				12097	
	0				41320



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203

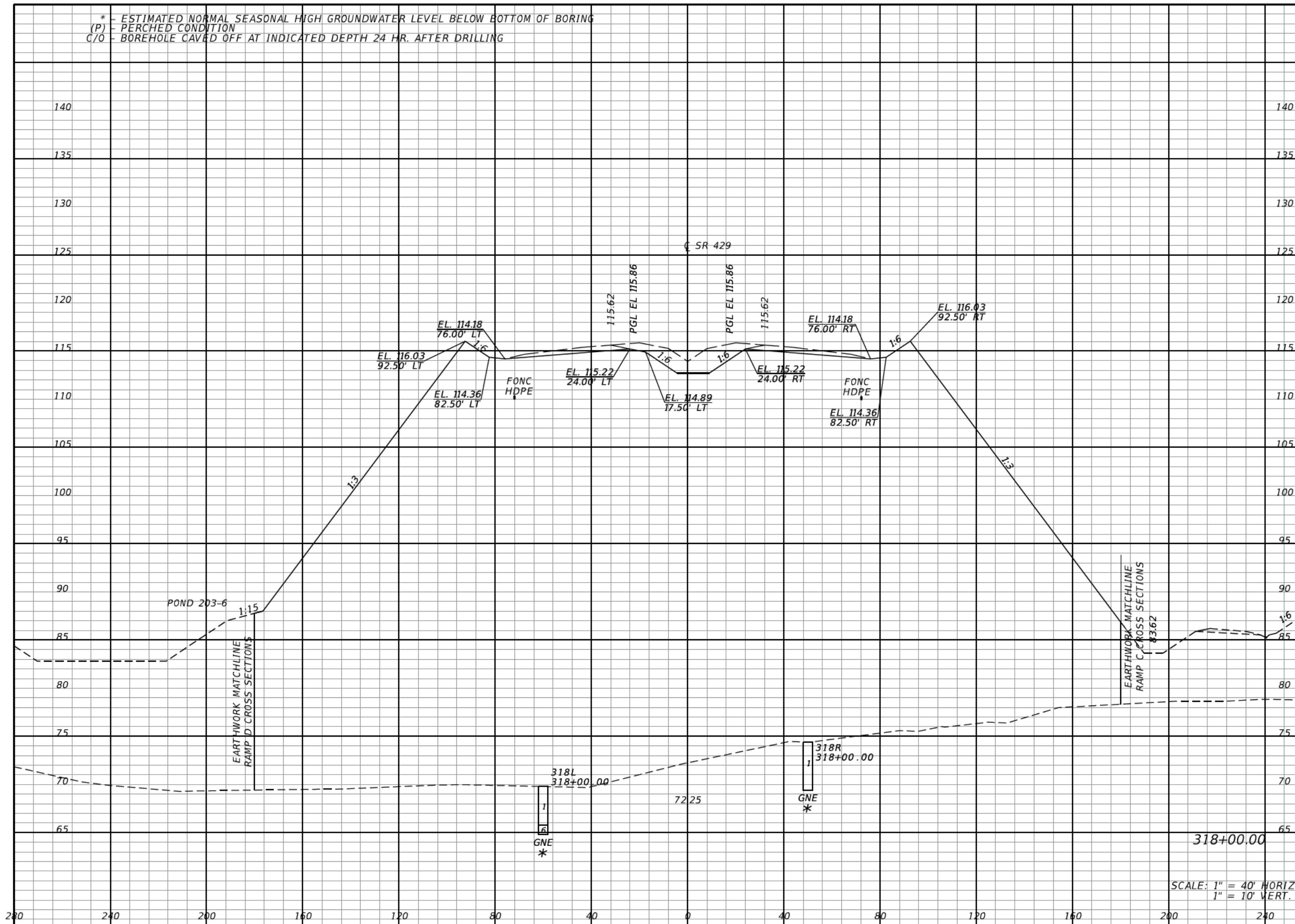


CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 498

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				12730	
	0				45976



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

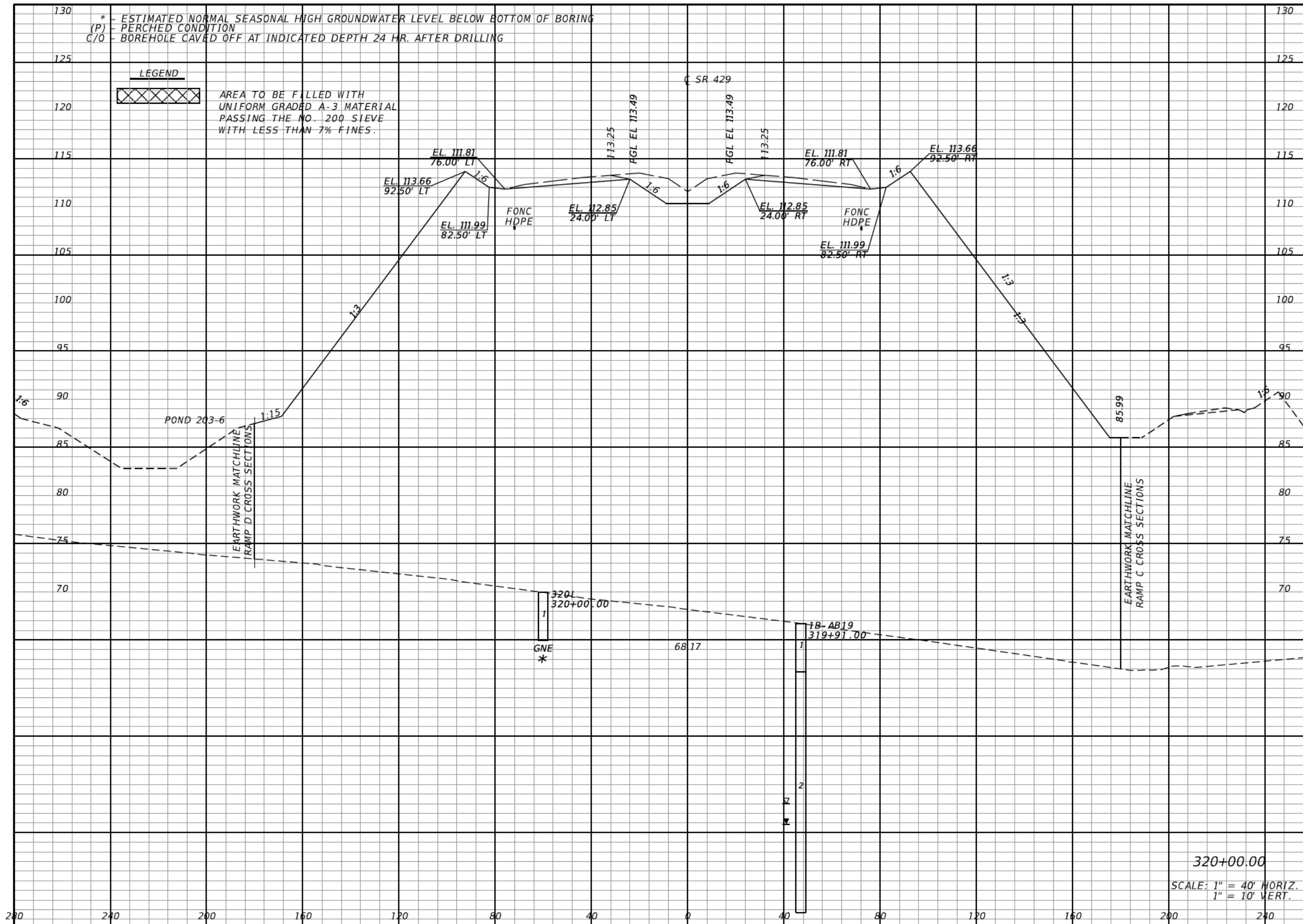
SHEET NO.
499

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

LEGEND



AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0				13596	
	0				49297

320+00.00
 SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

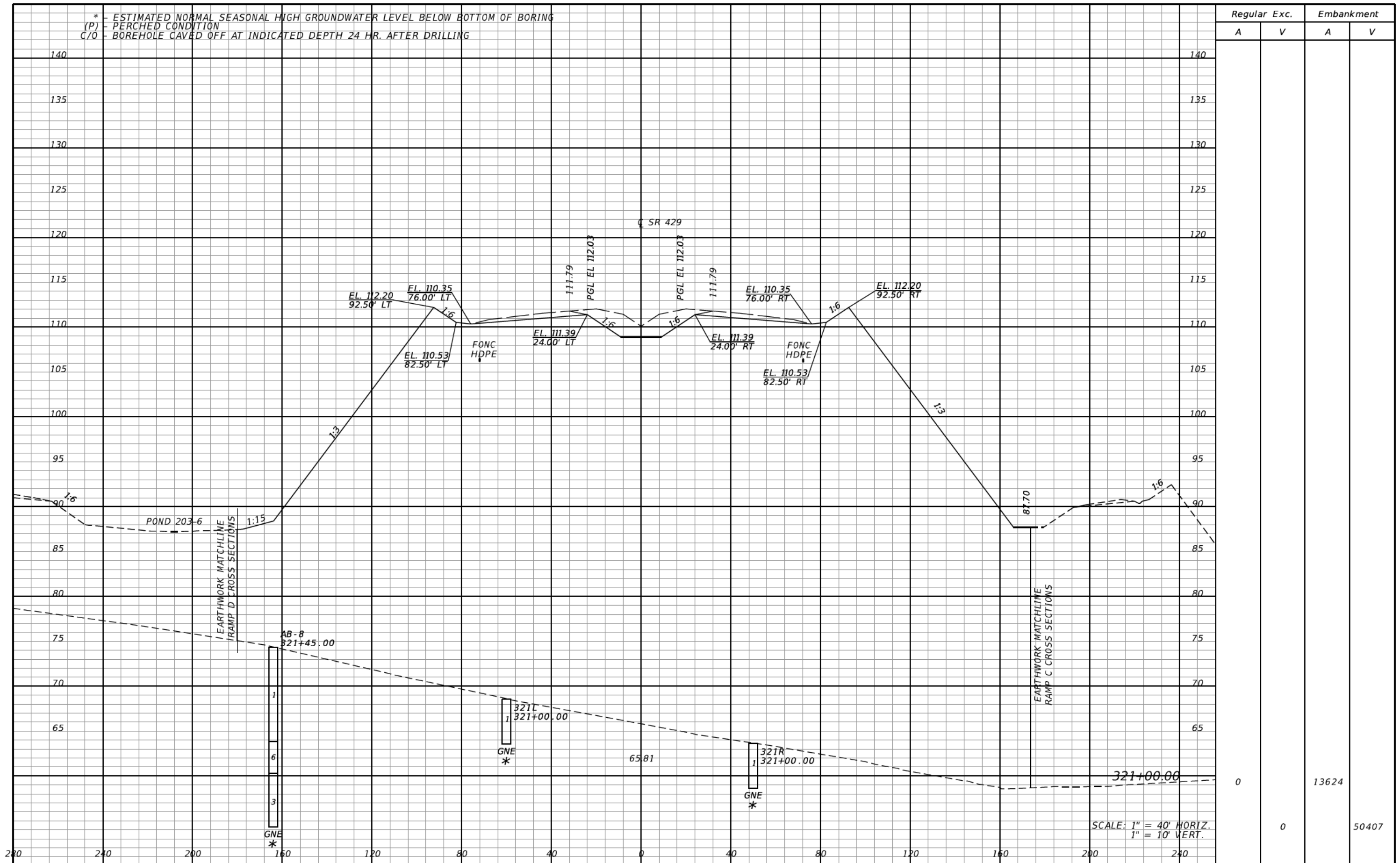
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 501

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
0				13624	
		0			50407

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

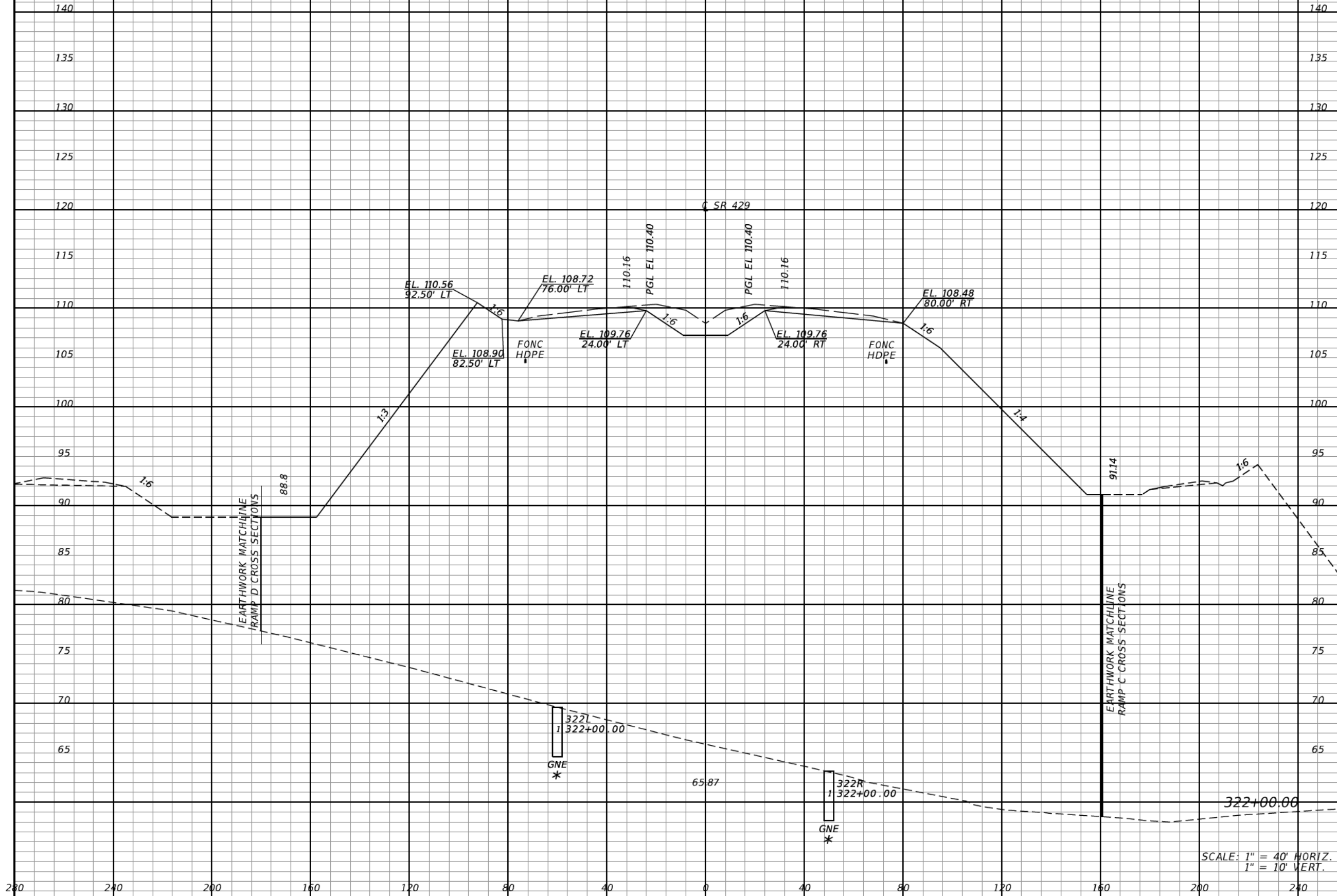


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET
NO.
502

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				12513	
	0				48401



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

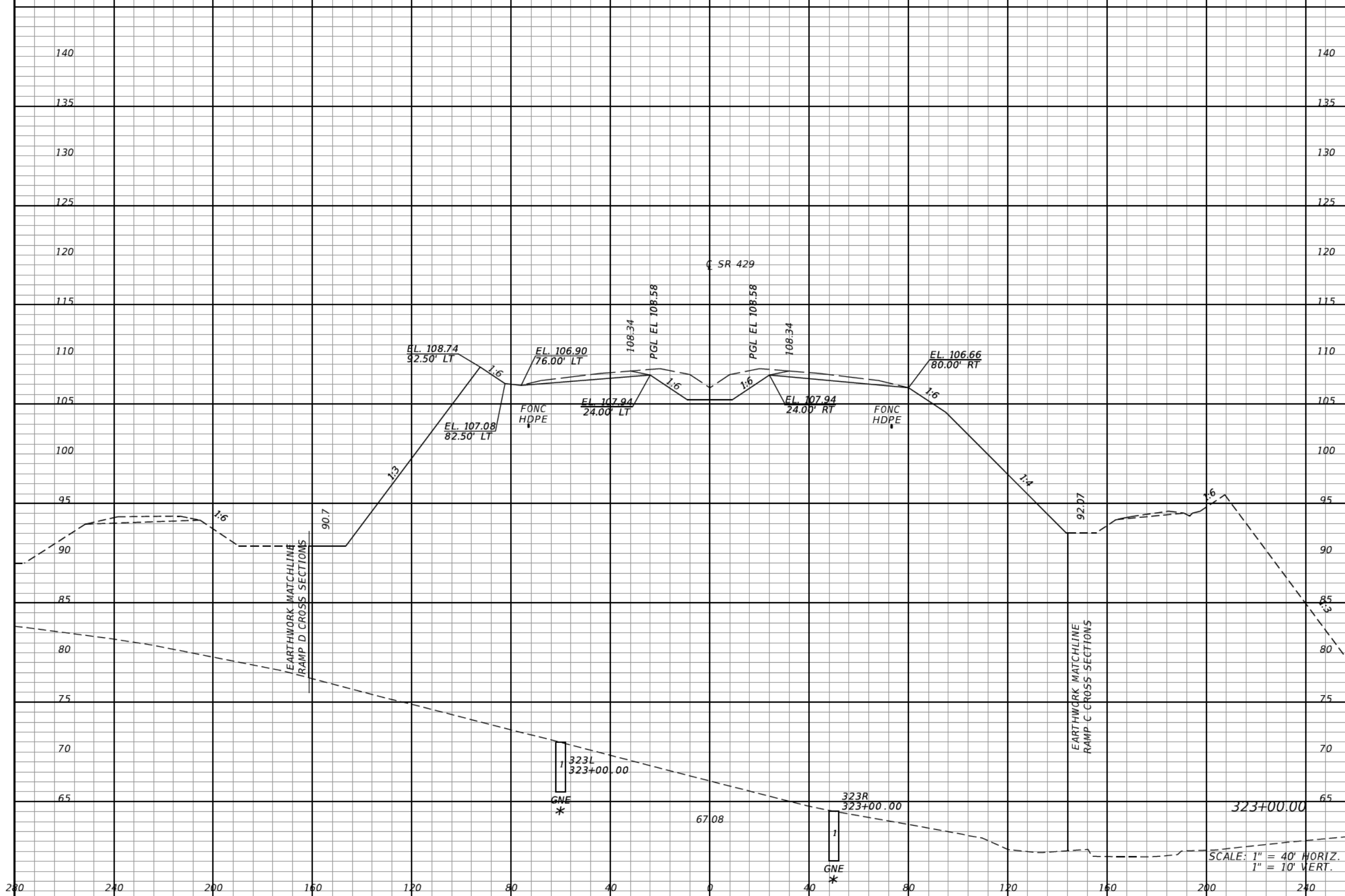


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO. 503

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				10847	
			0		43259



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

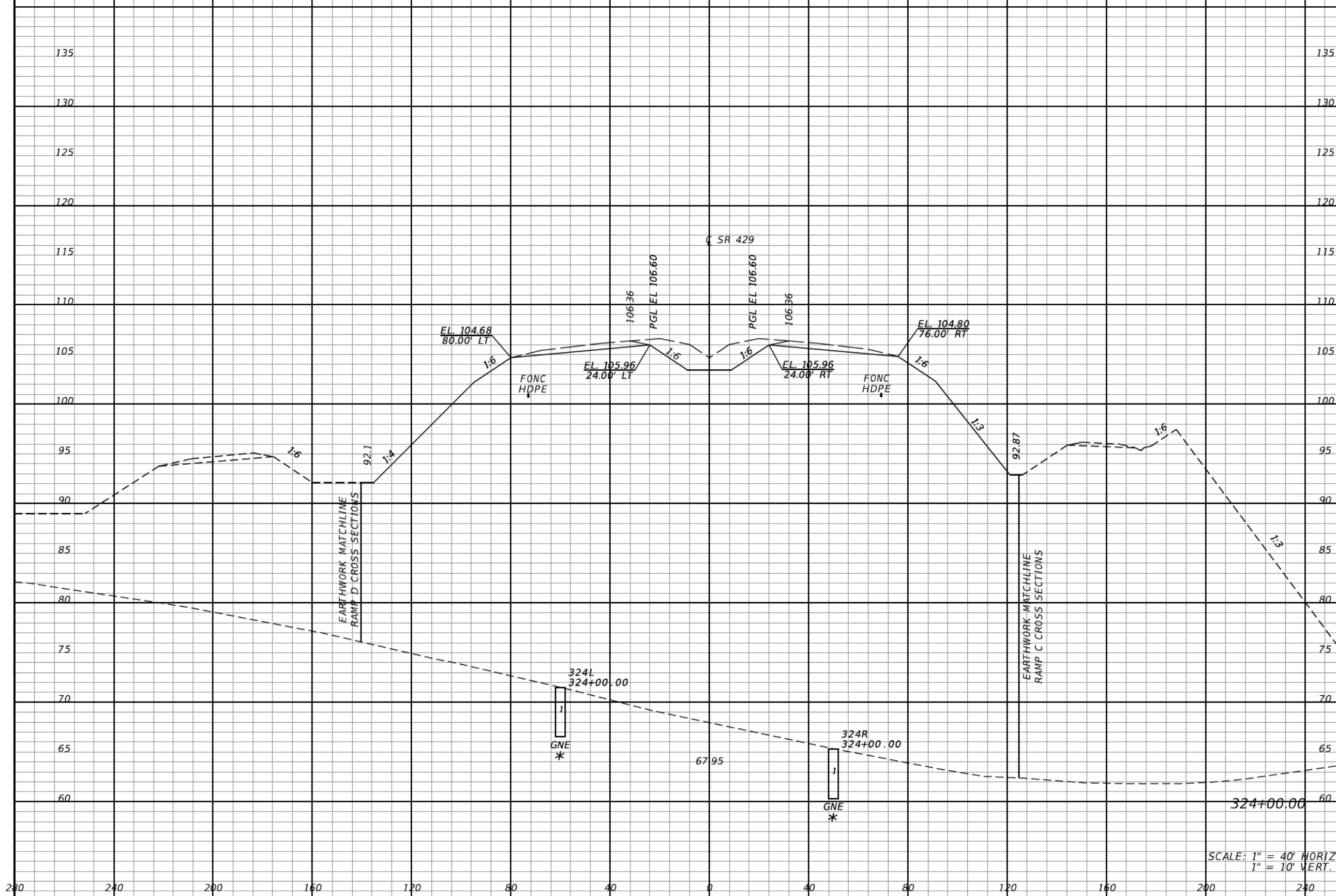


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
504

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				8942	
	0				36646



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203

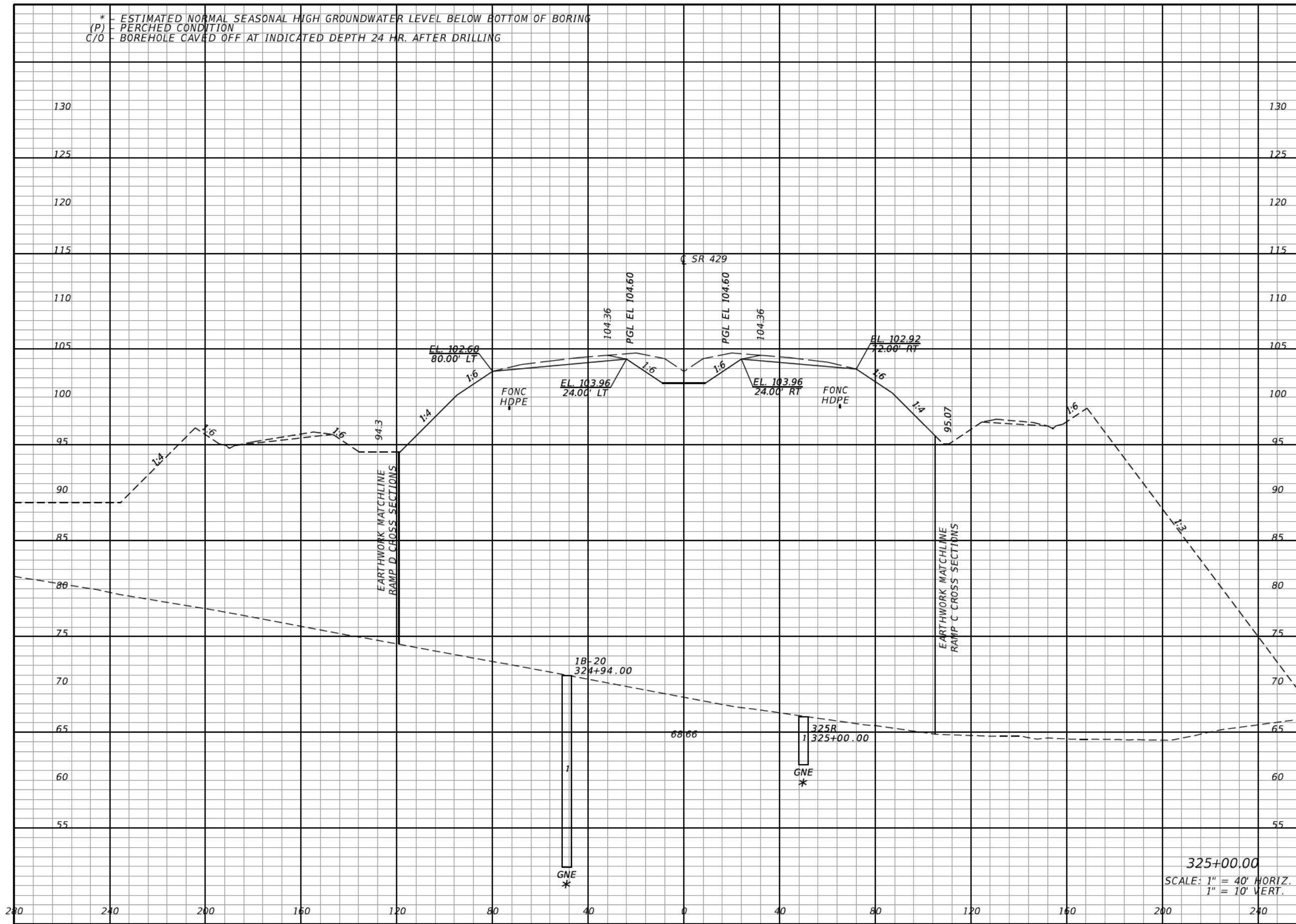


CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 505


* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				7311	
	0				30099



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

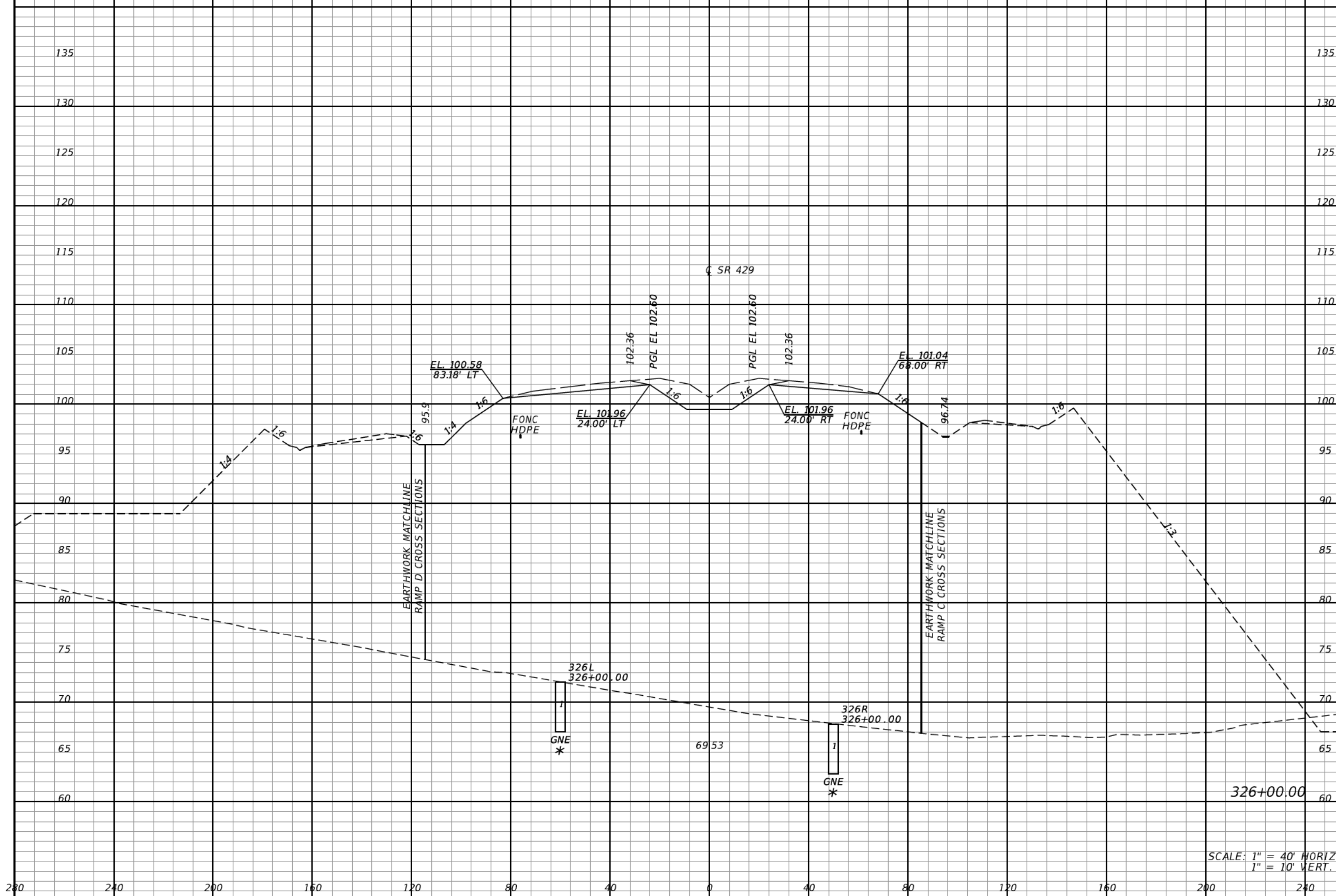
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO. 506

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				6019	
		0			24686



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

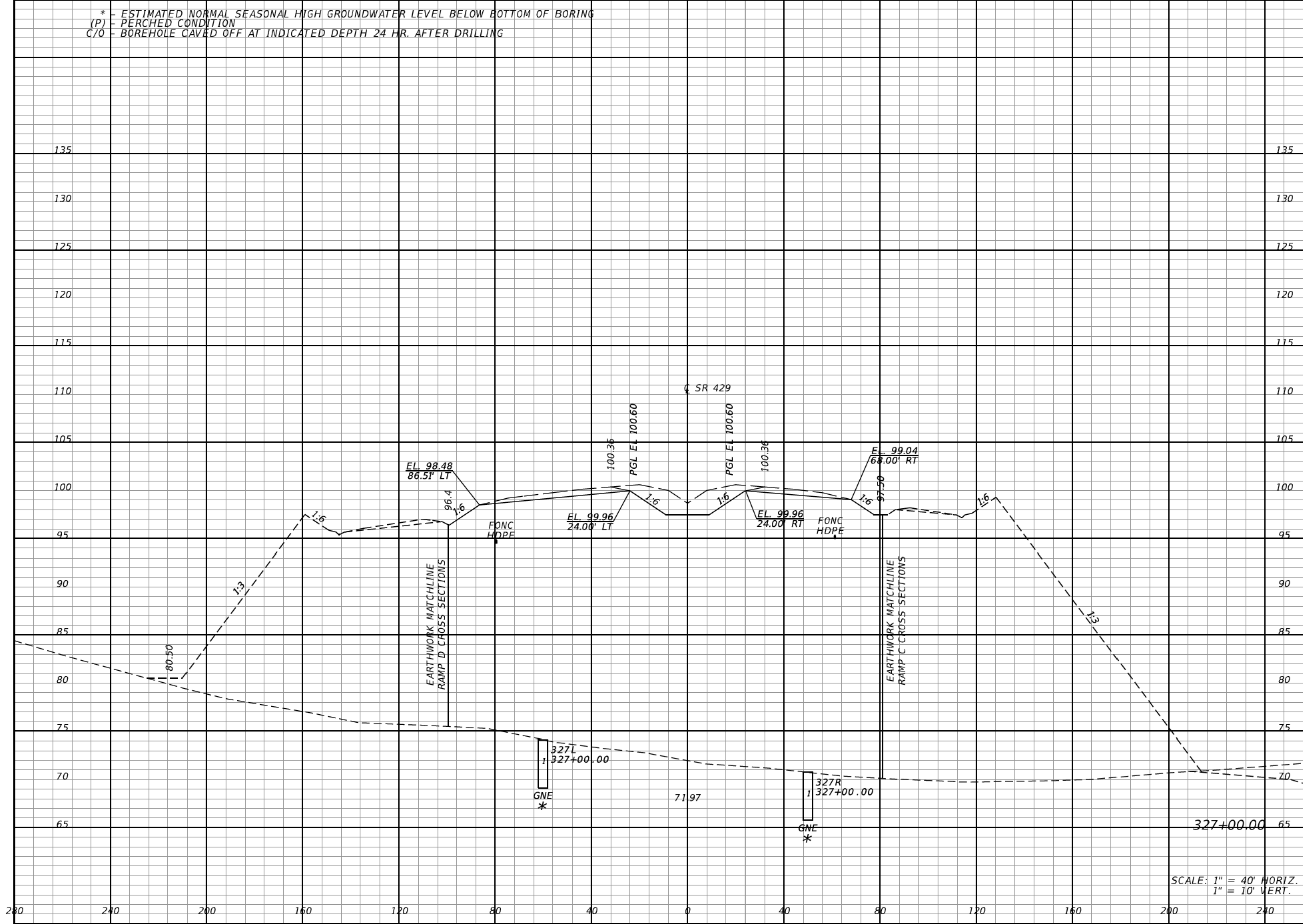


CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 507

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				4747	
		0			19937



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

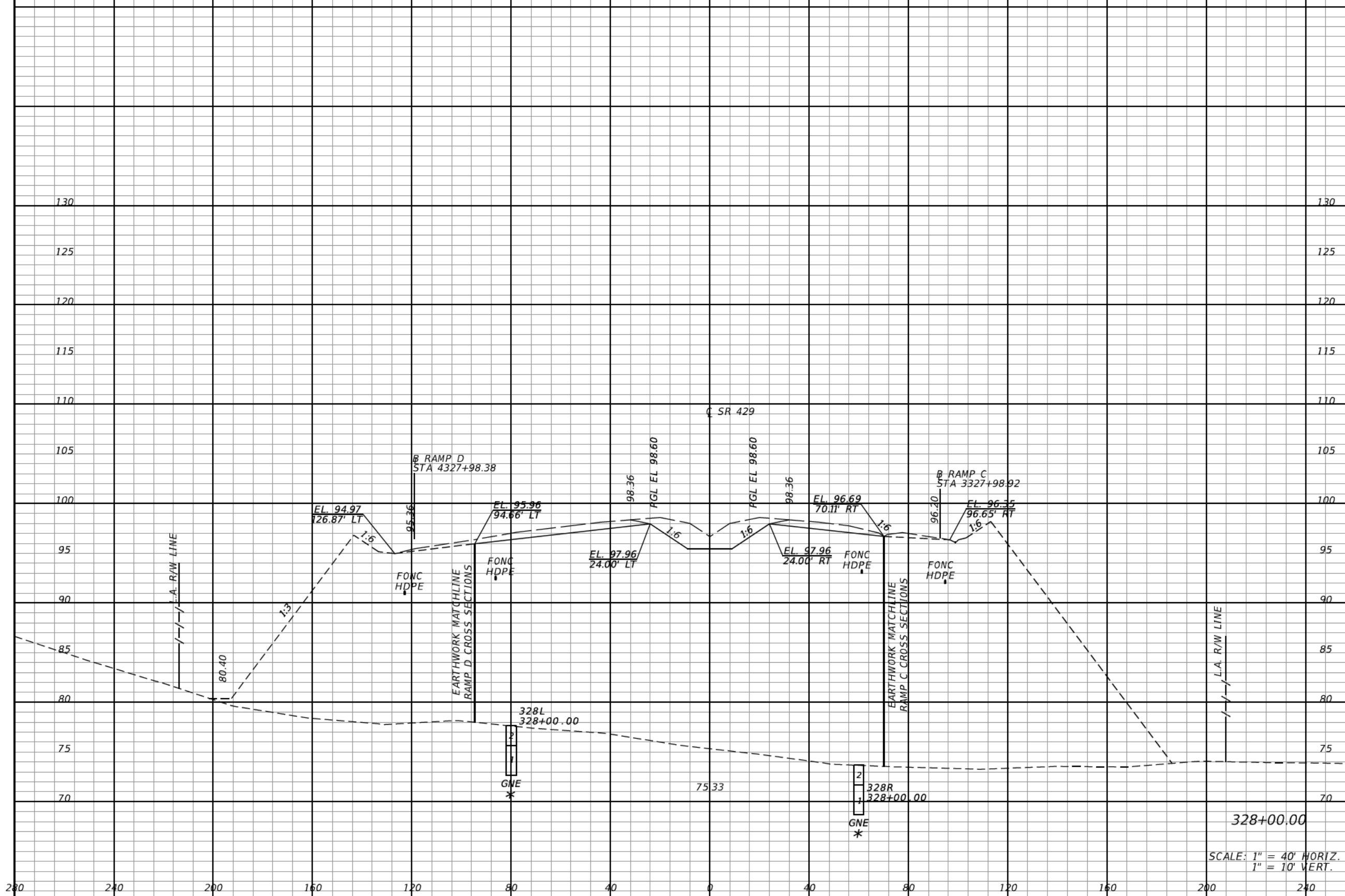


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
508

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



Regular	Exc.	Embankment
A	V	A V
0	0	3479
		15233

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



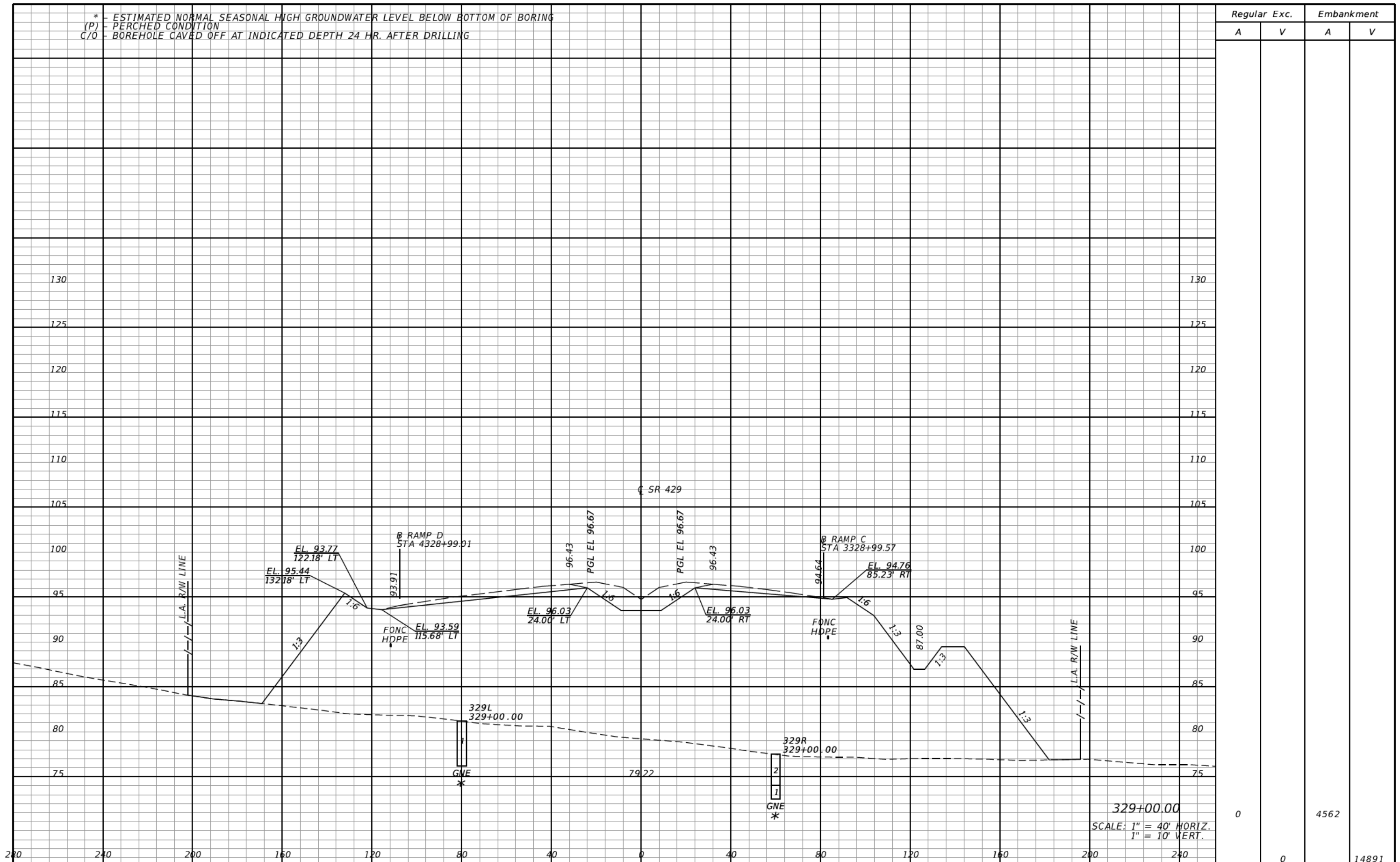
CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
509

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



0 4562 14891

329+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**
ROAD NO. PROJECT NO.
SR 429 429-203

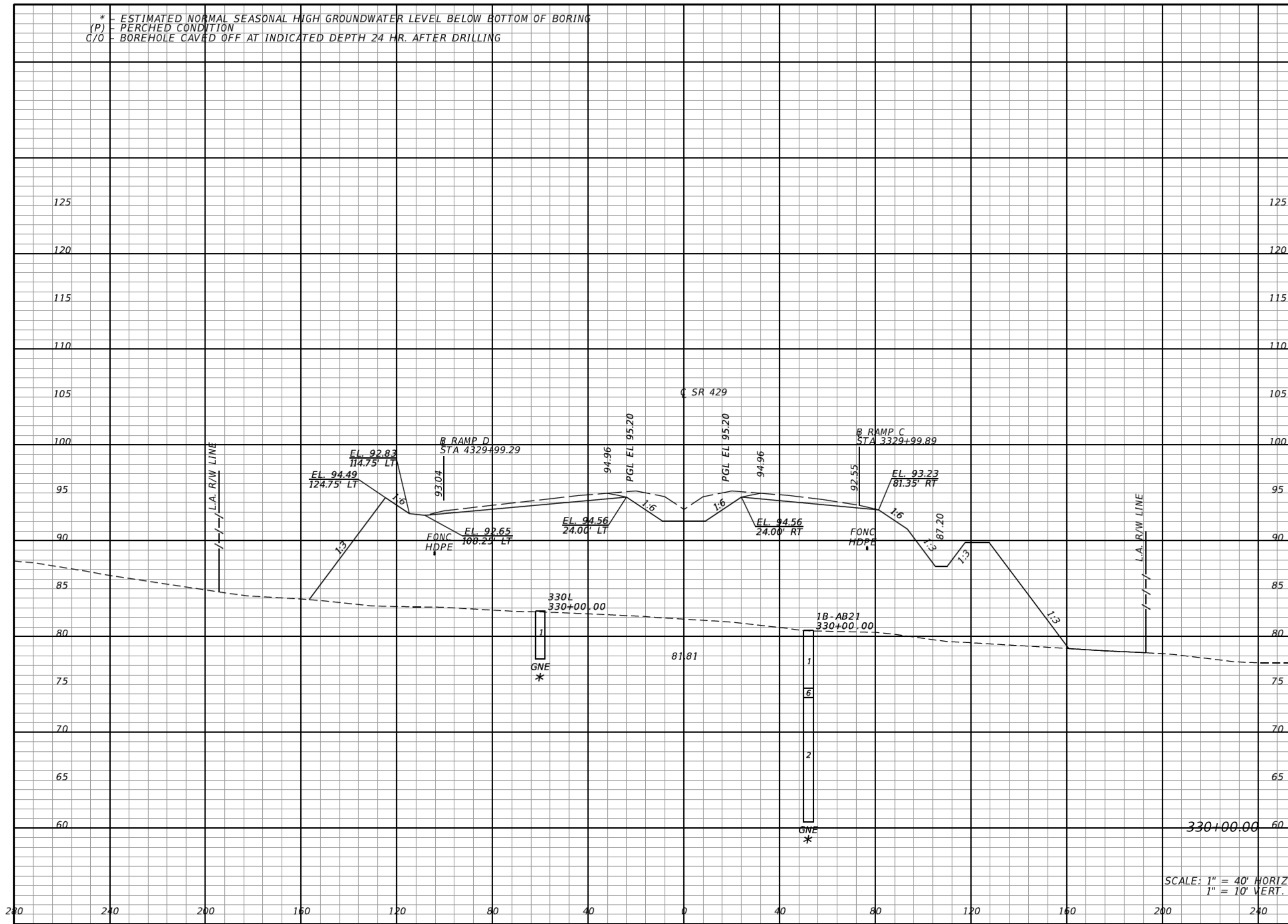


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
510

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				3200	
		0			14374



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

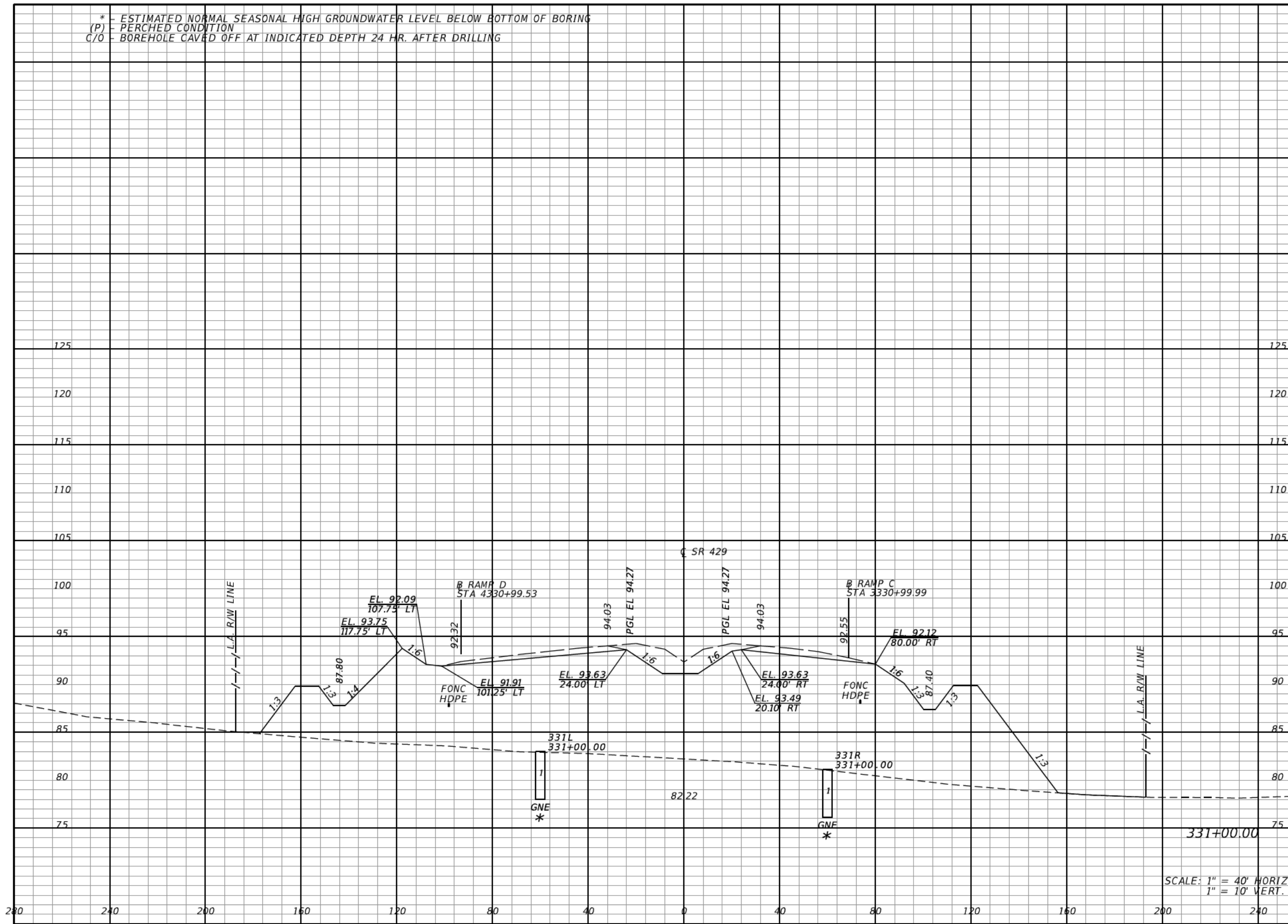


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
511

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				2917	
	0				11328



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

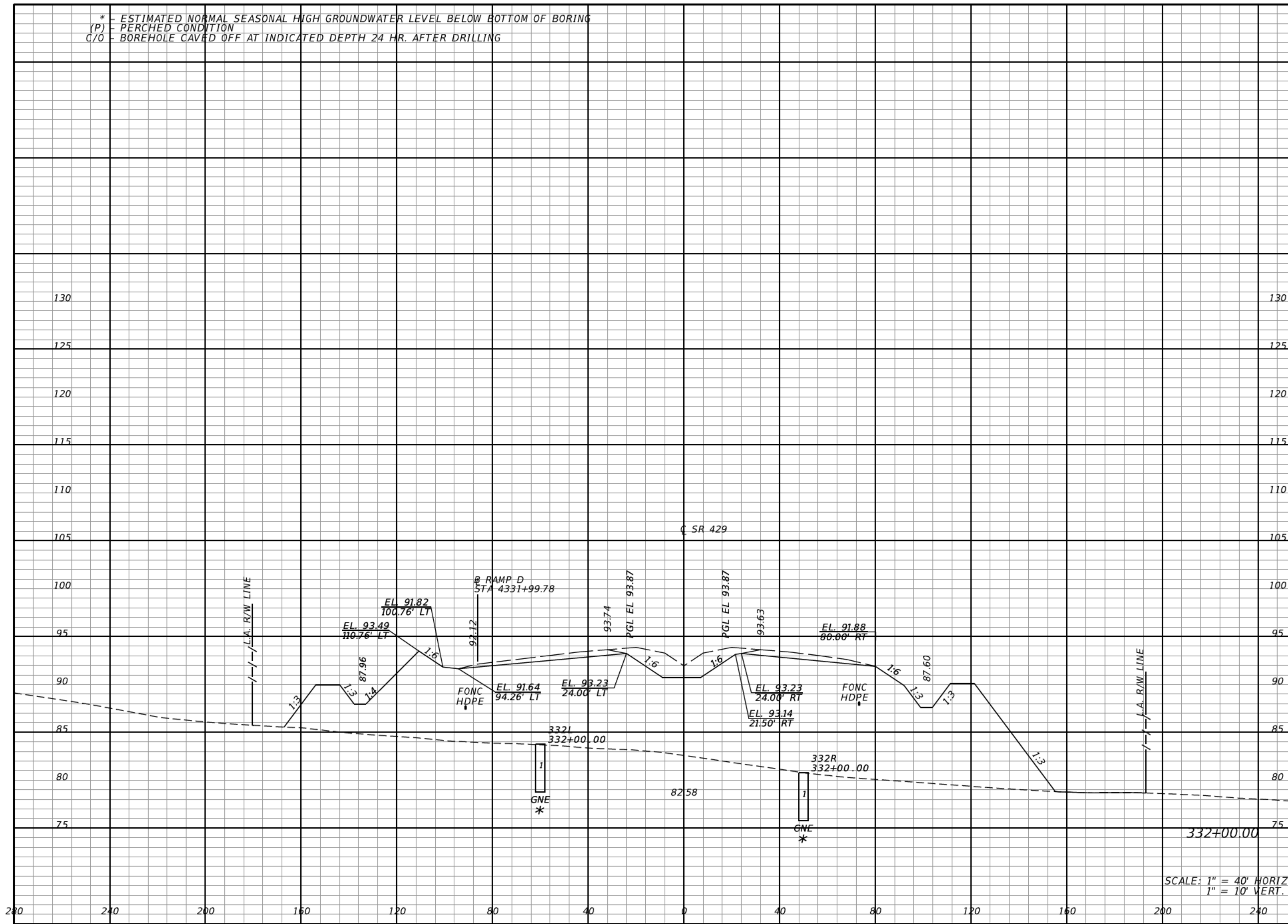


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
512

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				2690	
	0				10382



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

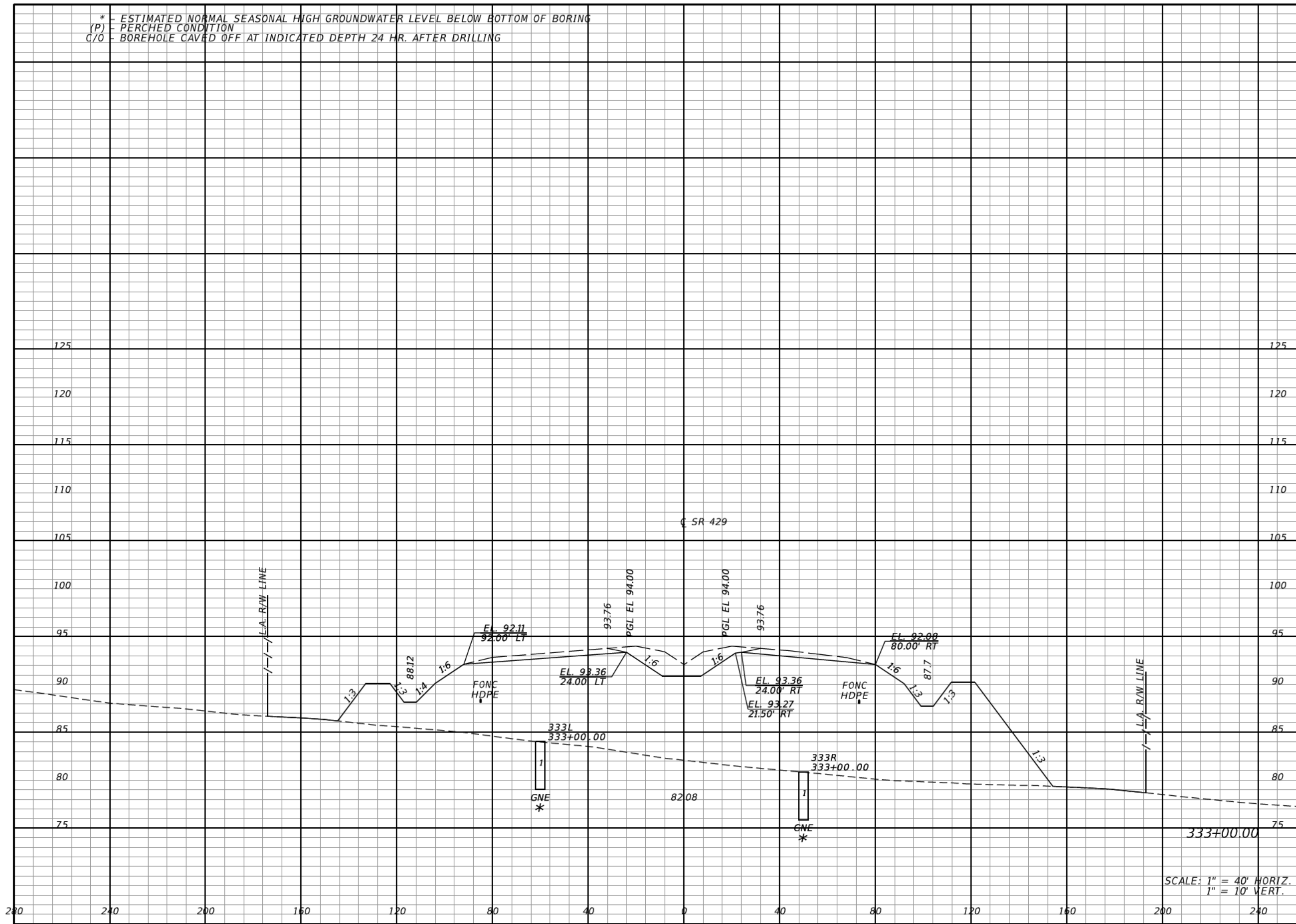


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
513

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				2516	
	0				9640



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

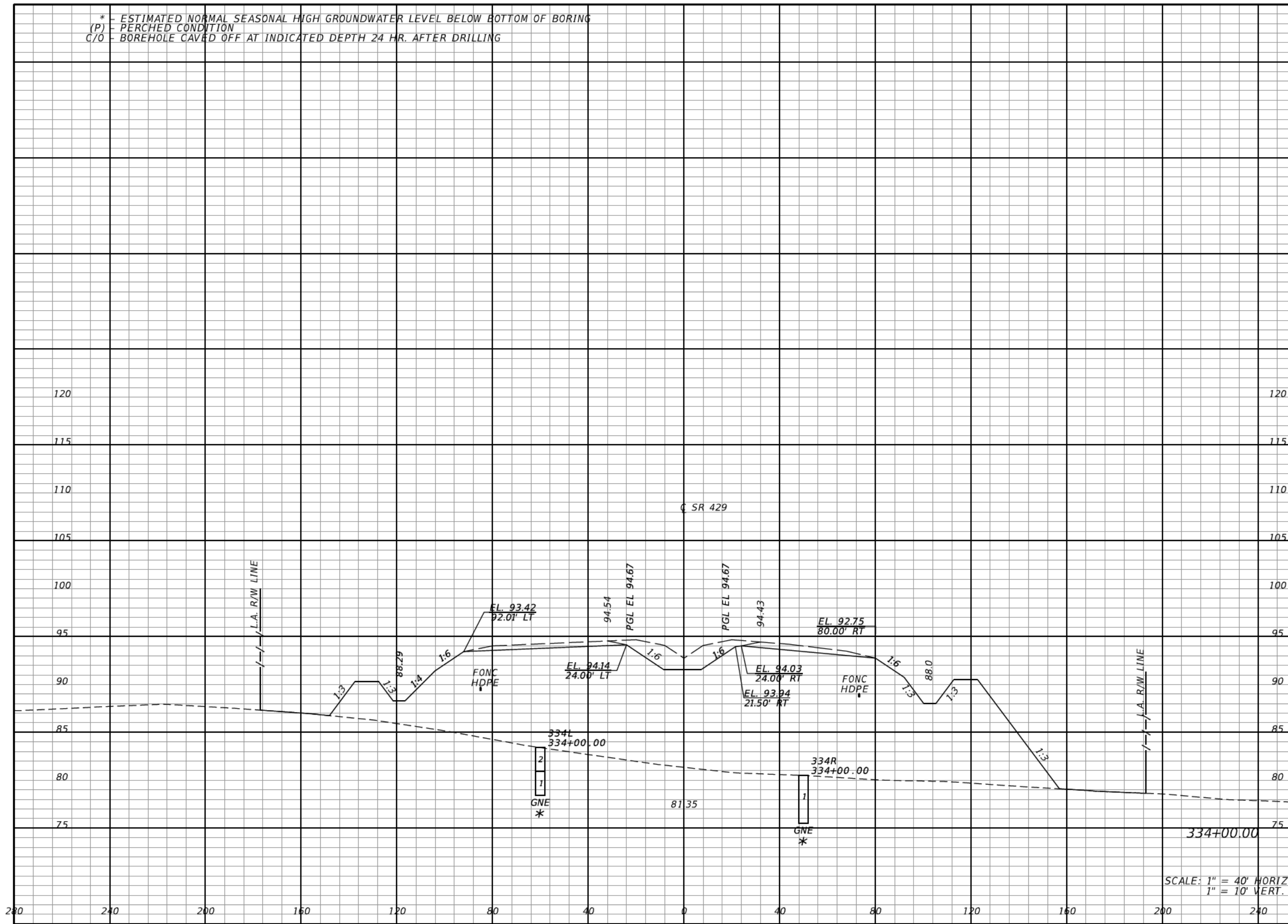


**CROSS SECTIONS
SR 429 (WEKIVA PKWY)**

SHEET NO.
514

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				2822	
	0				9884



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

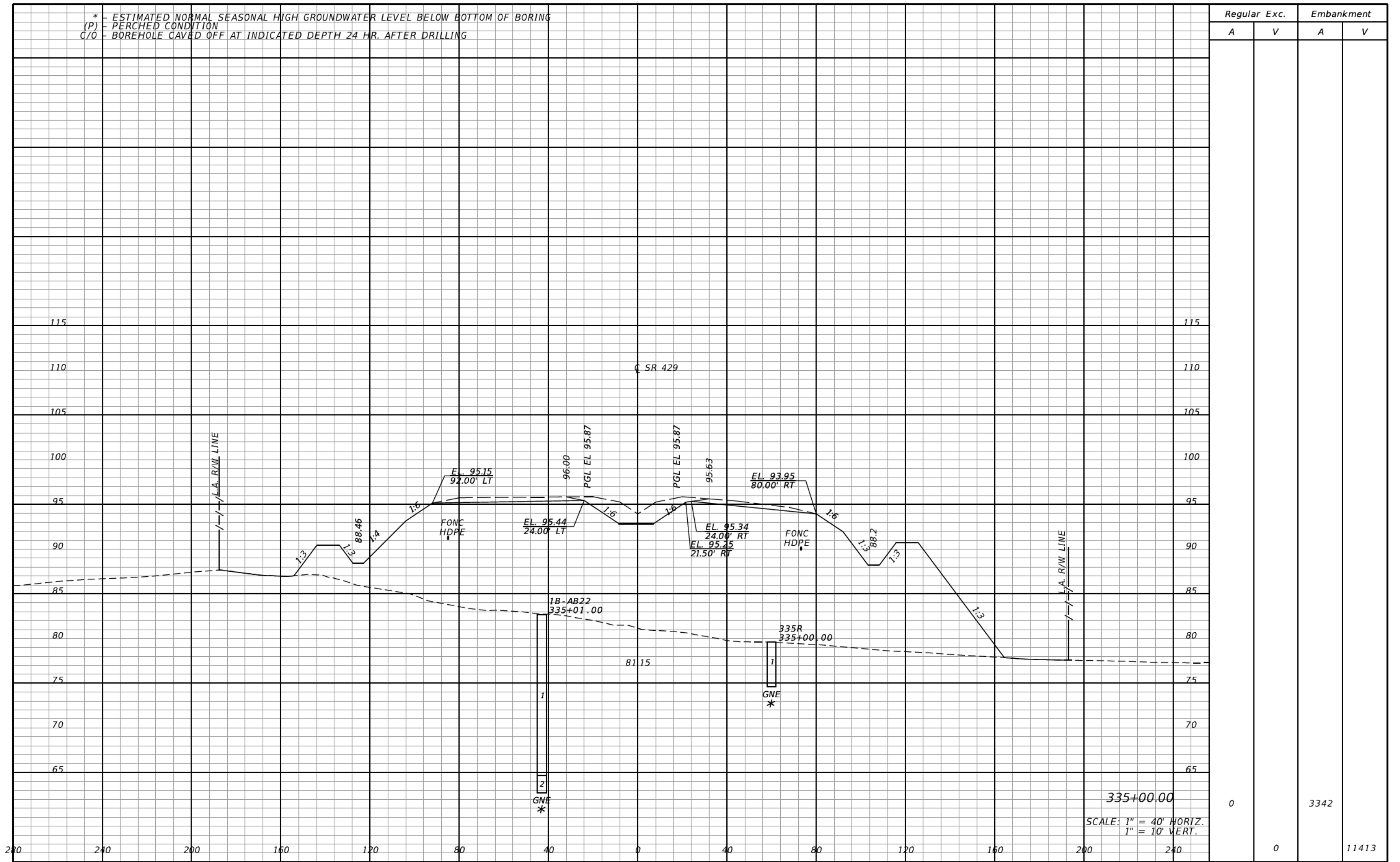


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
515

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



Regular Exc.		Embankment	
A	V	A	V
0	0	3342	11413

335+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS SR 429 (WEKIVA PKWY)

SHEET NO. 516

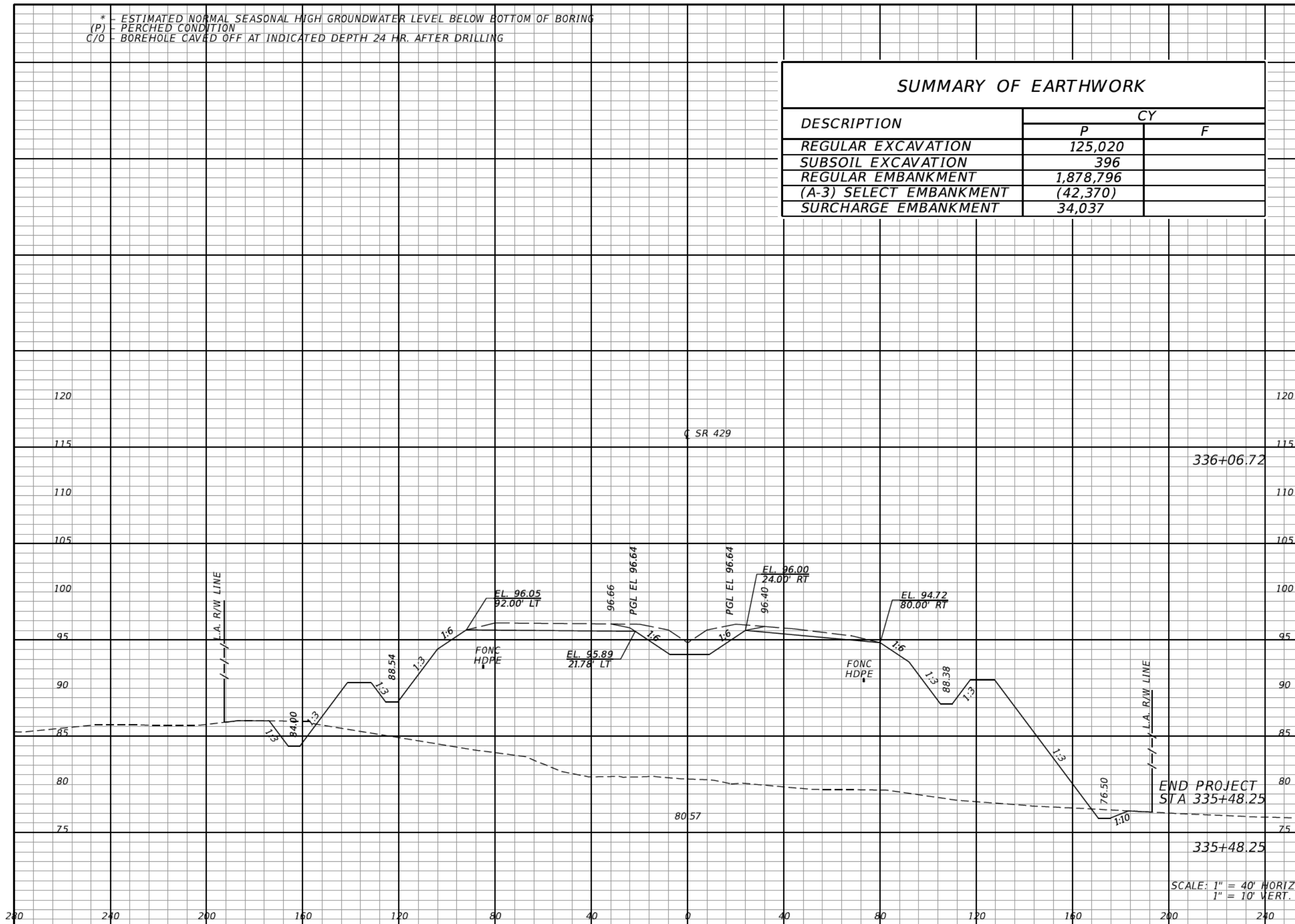
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V

SUMMARY OF EARTHWORK

DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION	125,020	
SUBSOIL EXCAVATION	396	
REGULAR EMBANKMENT	1,878,796	
(A-3) SELECT EMBANKMENT	(42,370)	
SURCHARGE EMBANKMENT	34,037	



0	0	0	0
44		4015	
41	37	3708	6299

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203

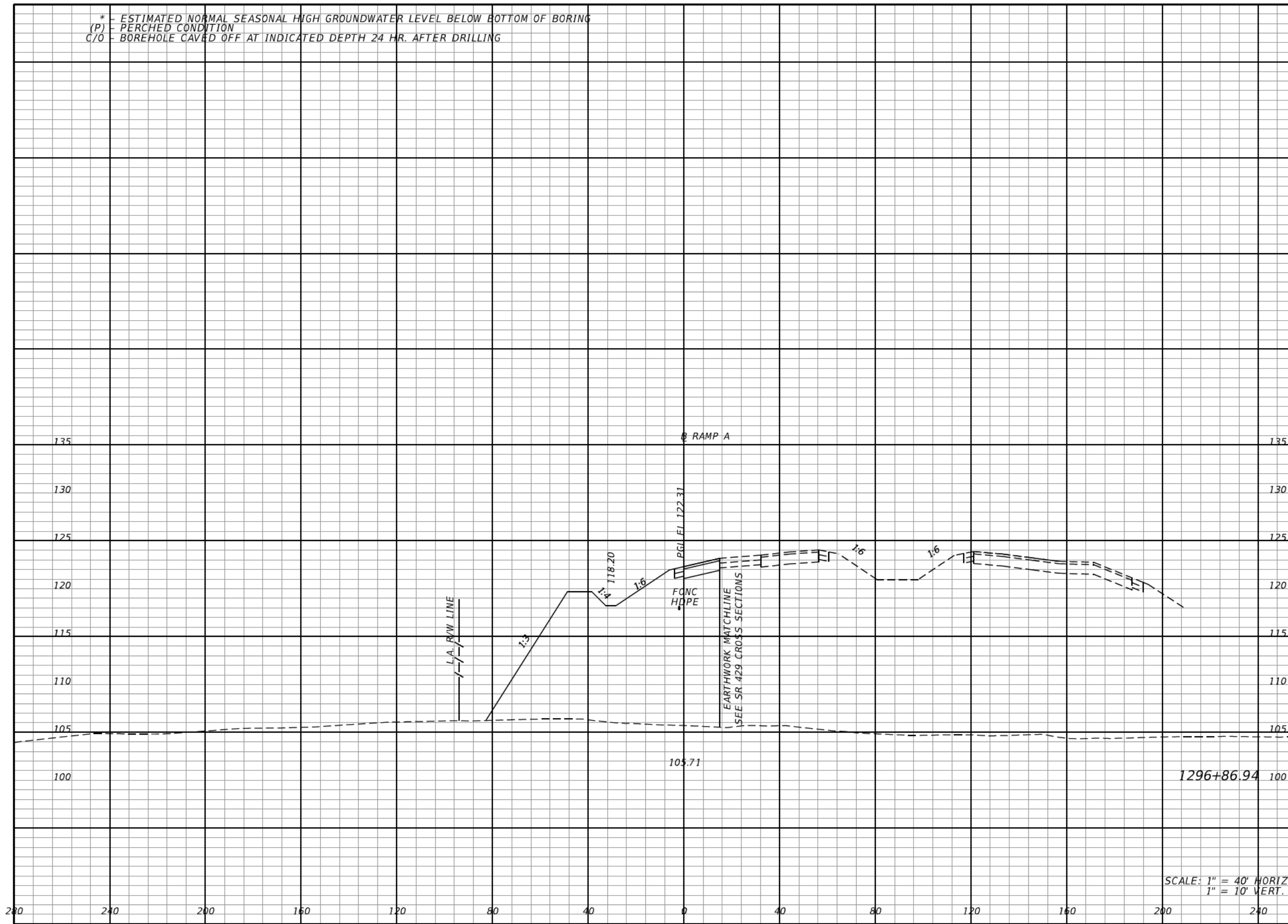


CROSS SECTIONS
SR 429 (WEKIVA PKWY)

SHEET NO.
517

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				1139	
	0				0



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

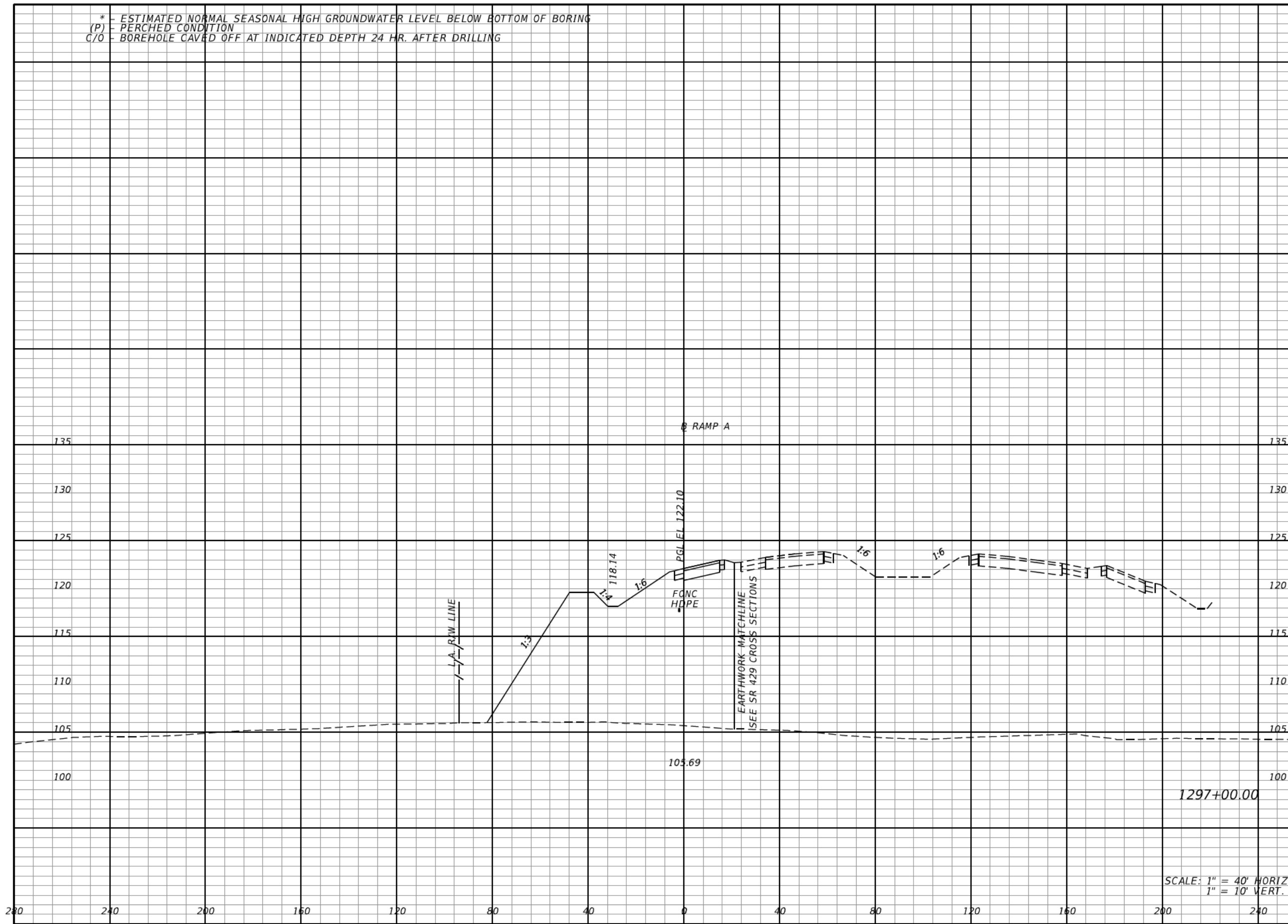


CROSS SECTIONS RAMP A

SHEET NO. 518

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				1223	
			0		574



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

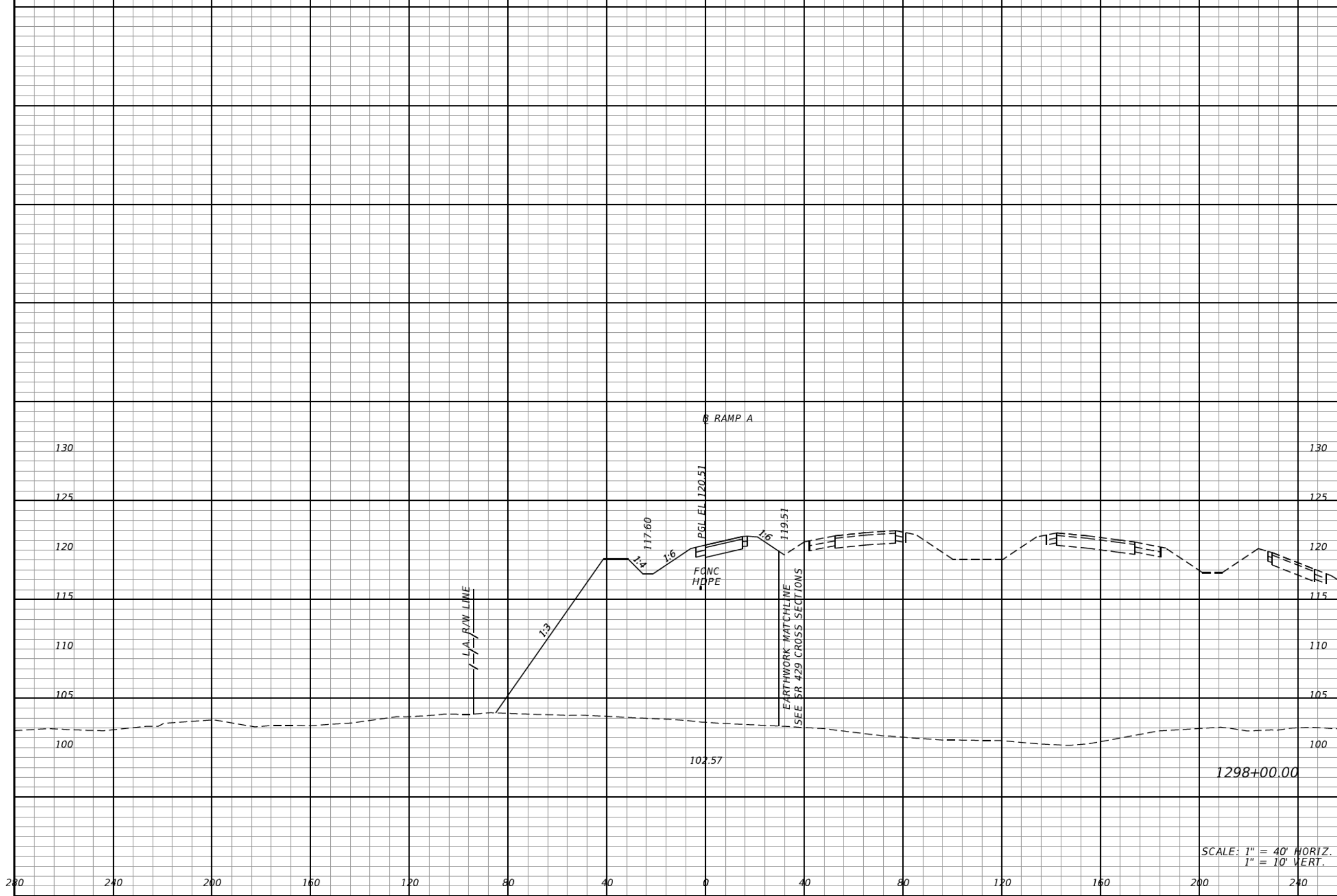


CROSS SECTIONS RAMP A

SHEET NO. 519

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				1537	
		0			5130



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

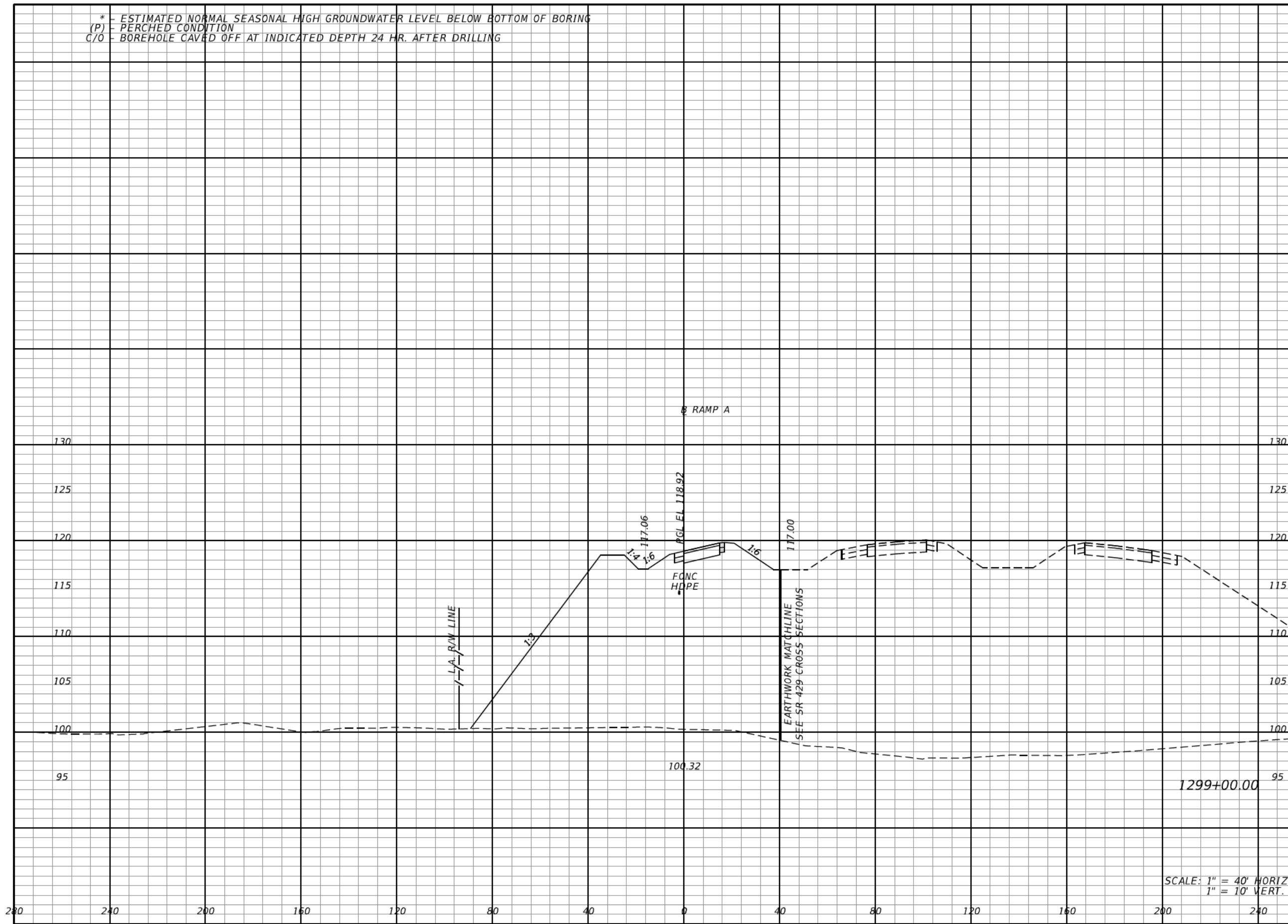


CROSS SECTIONS RAMP A

SHEET NO. 520

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				1843	
	0				6260



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

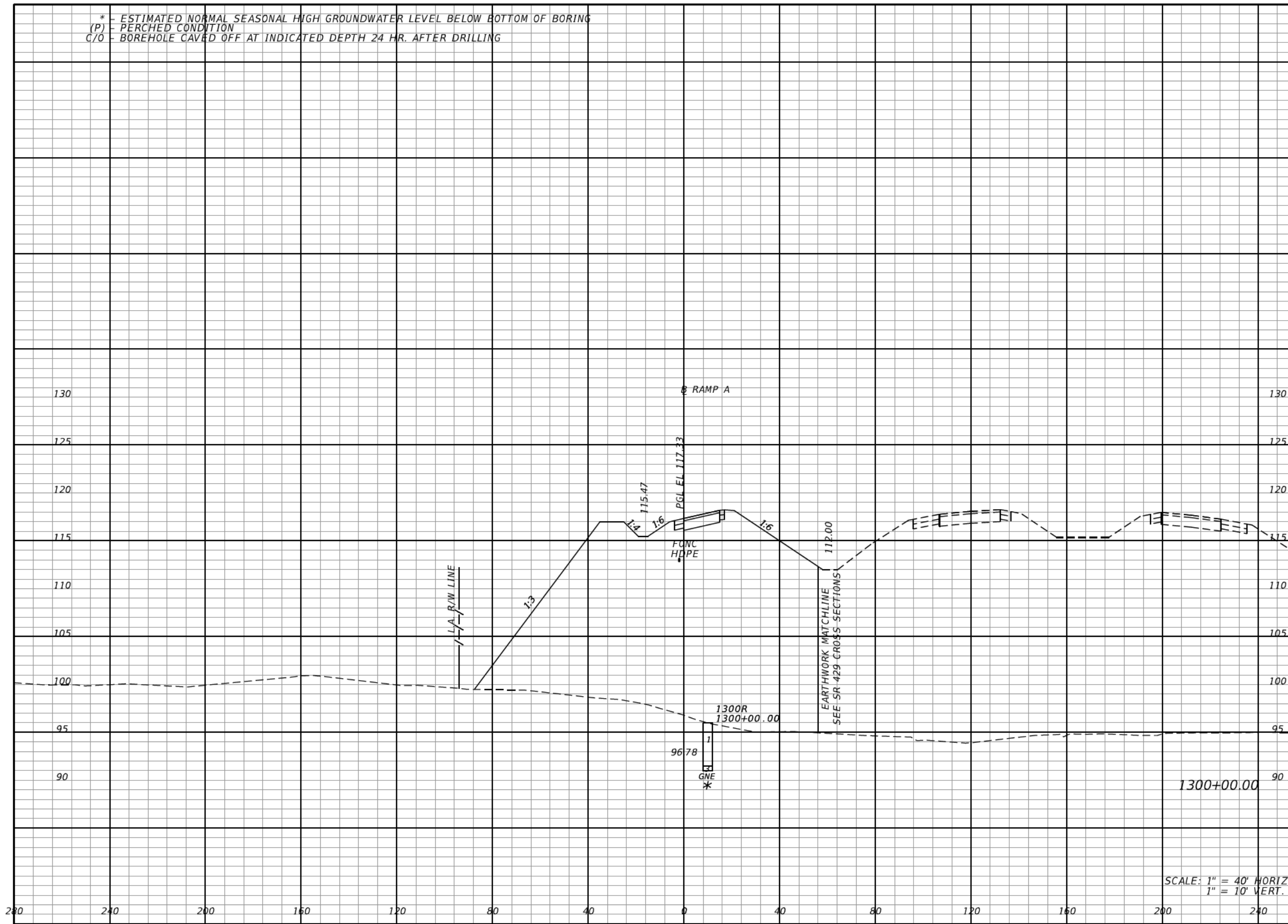


CROSS SECTIONS RAMP A

SHEET NO. 521

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				2269	
	0				7616



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

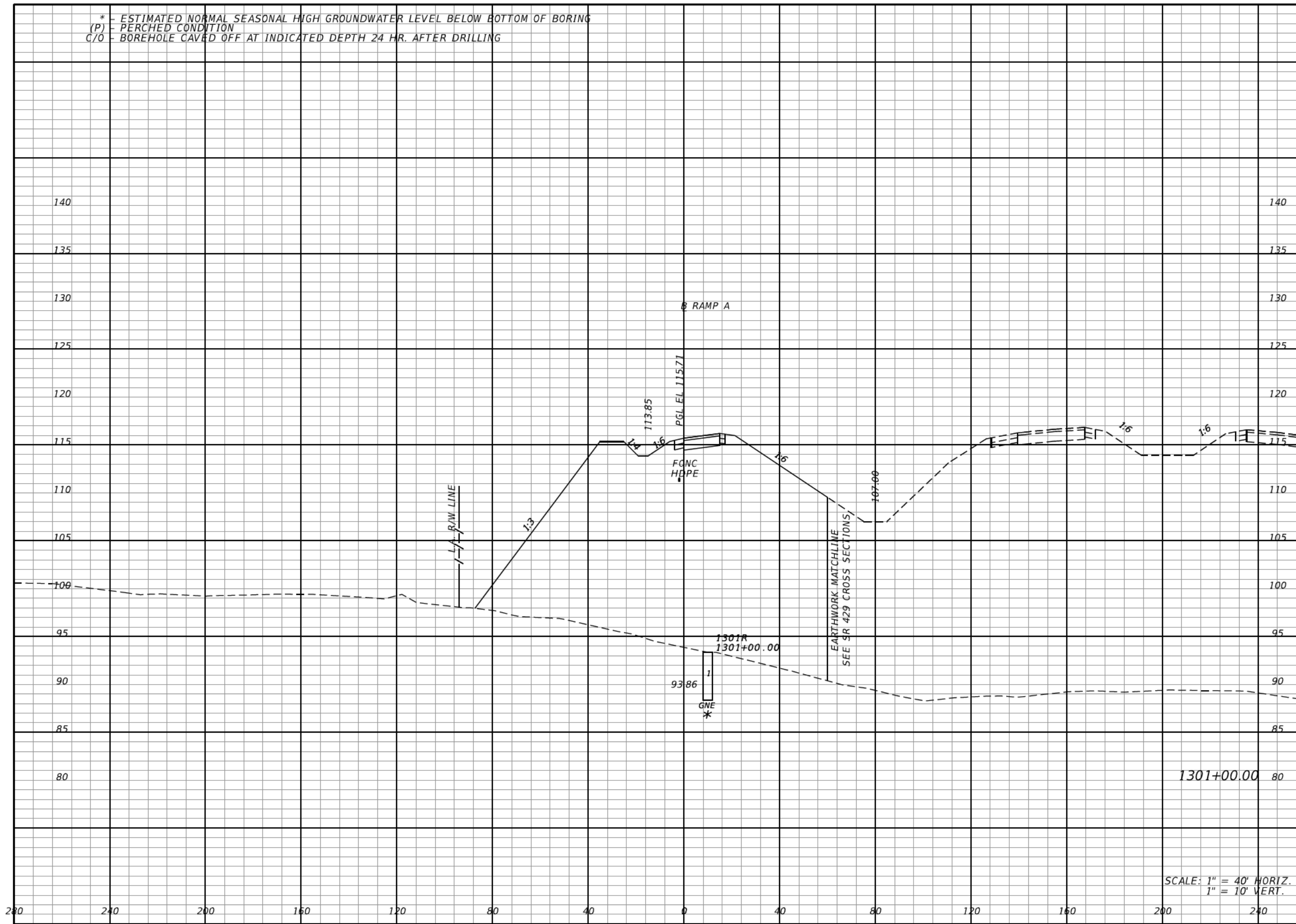


CROSS SECTIONS RAMP A

SHEET NO. 522

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				2478	
	0				8792



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

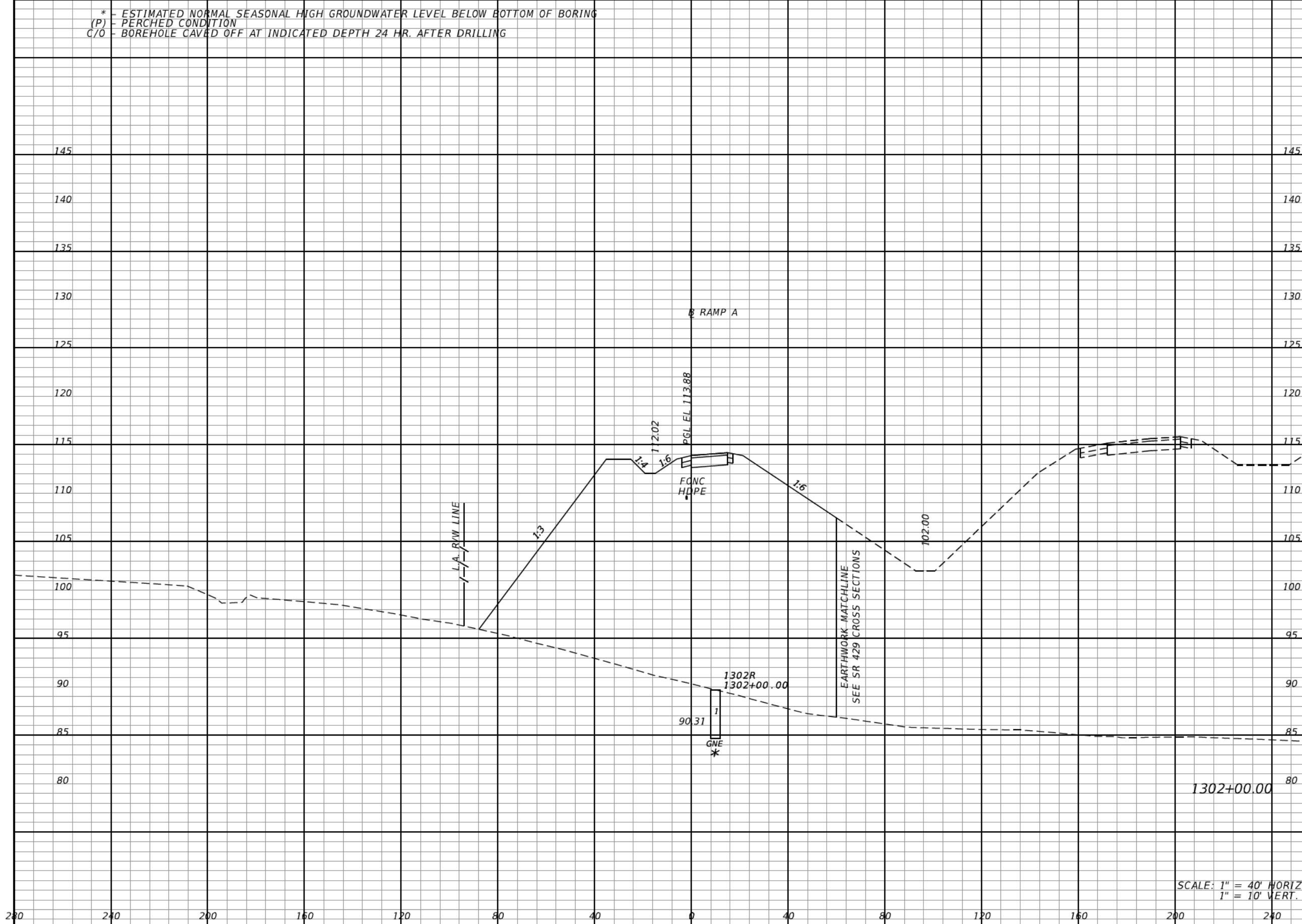


CROSS SECTIONS RAMP A

SHEET NO. 523

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.	Embankment	
A	V	A	V	
0				
	0			
		2689		
				9570



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

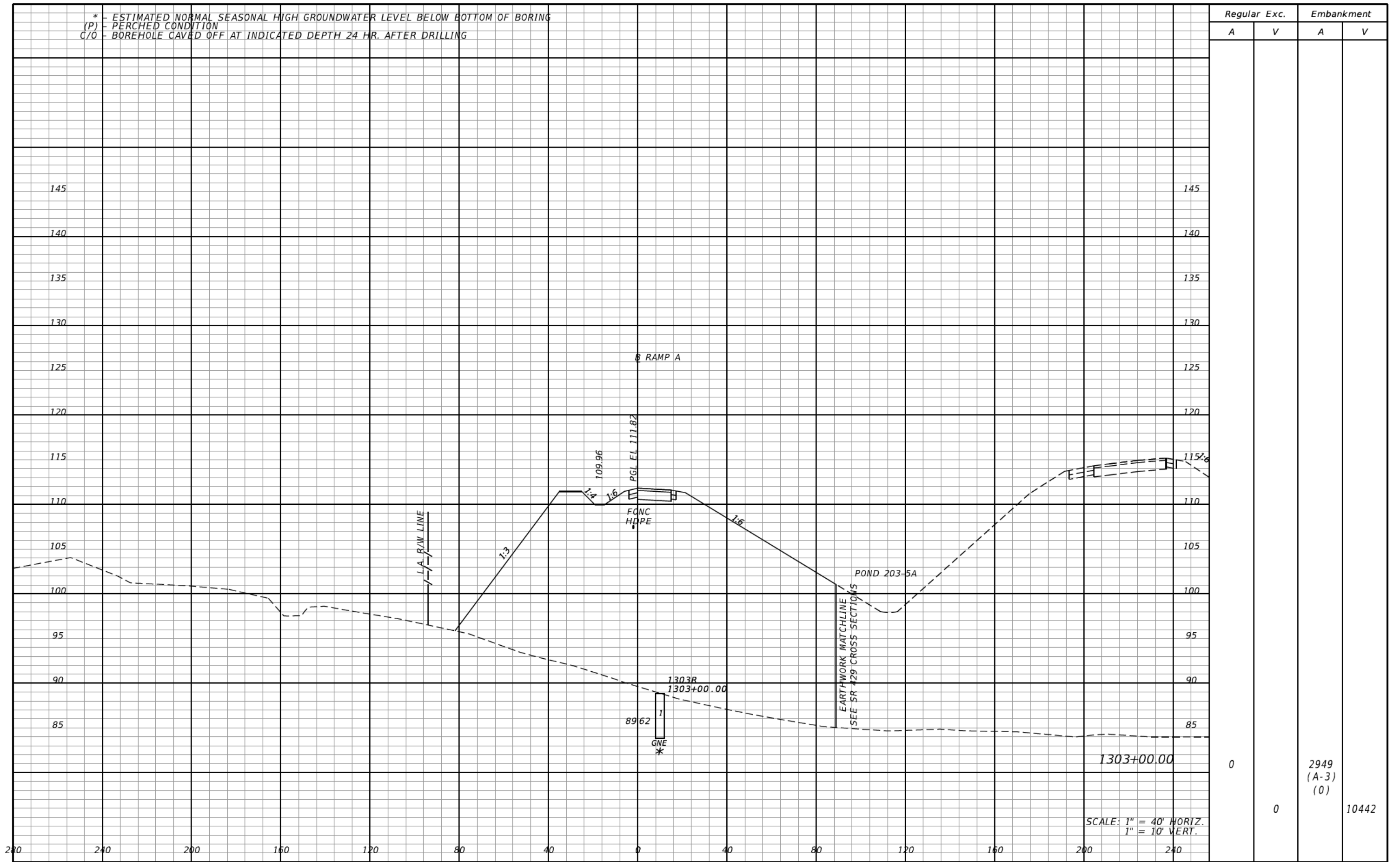


CROSS SECTIONS RAMP A

SHEET NO. 524

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



Regular Exc.		Embankment	
A	V	A	V
0	0	2949 (A-3) (0)	10442

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203



CROSS SECTIONS RAMP A

SHEET NO.
525

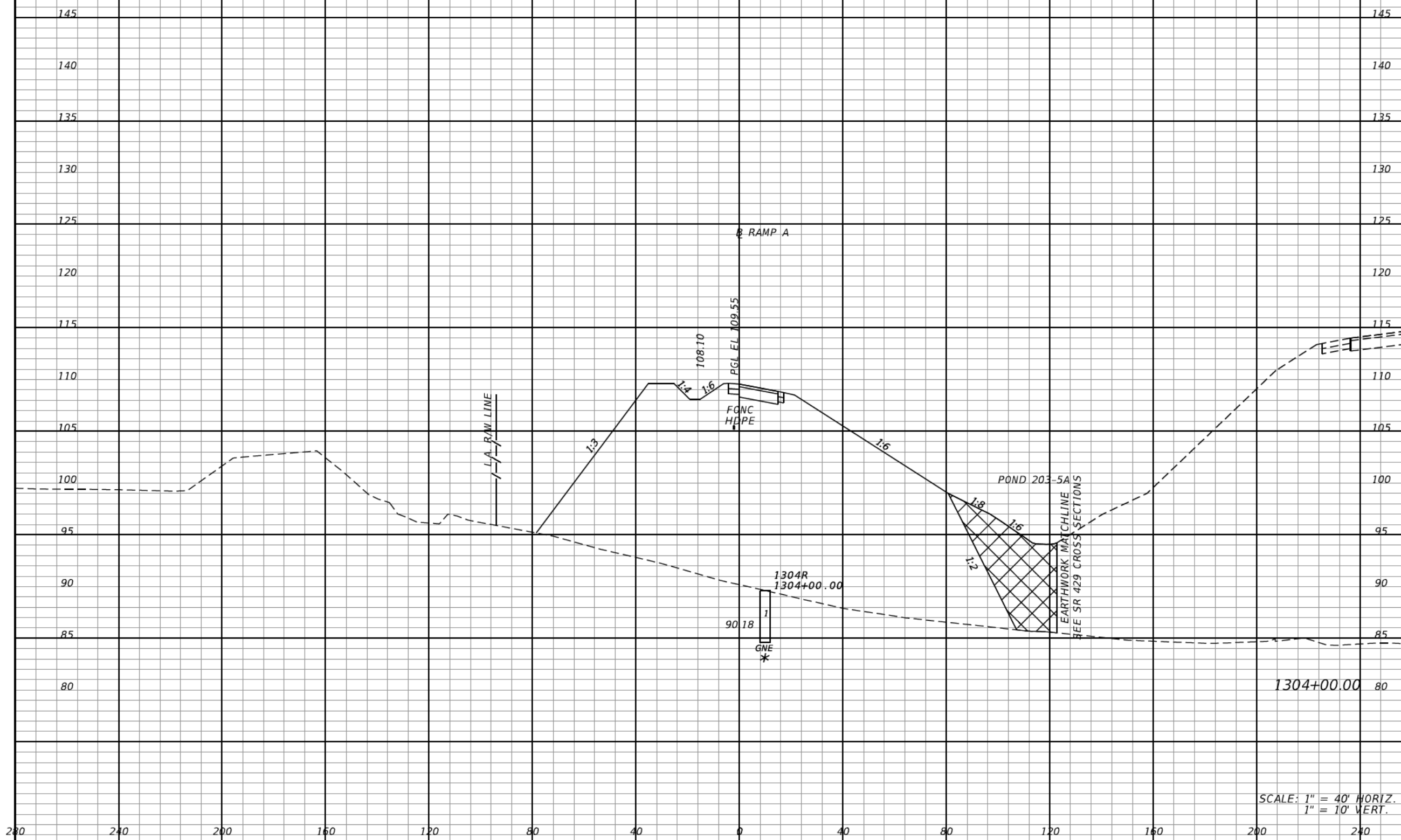
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V

LEGEND



AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0				2776 (A-3) (264)	10603 (A-3) (489)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS RAMP A

SHEET NO. 526

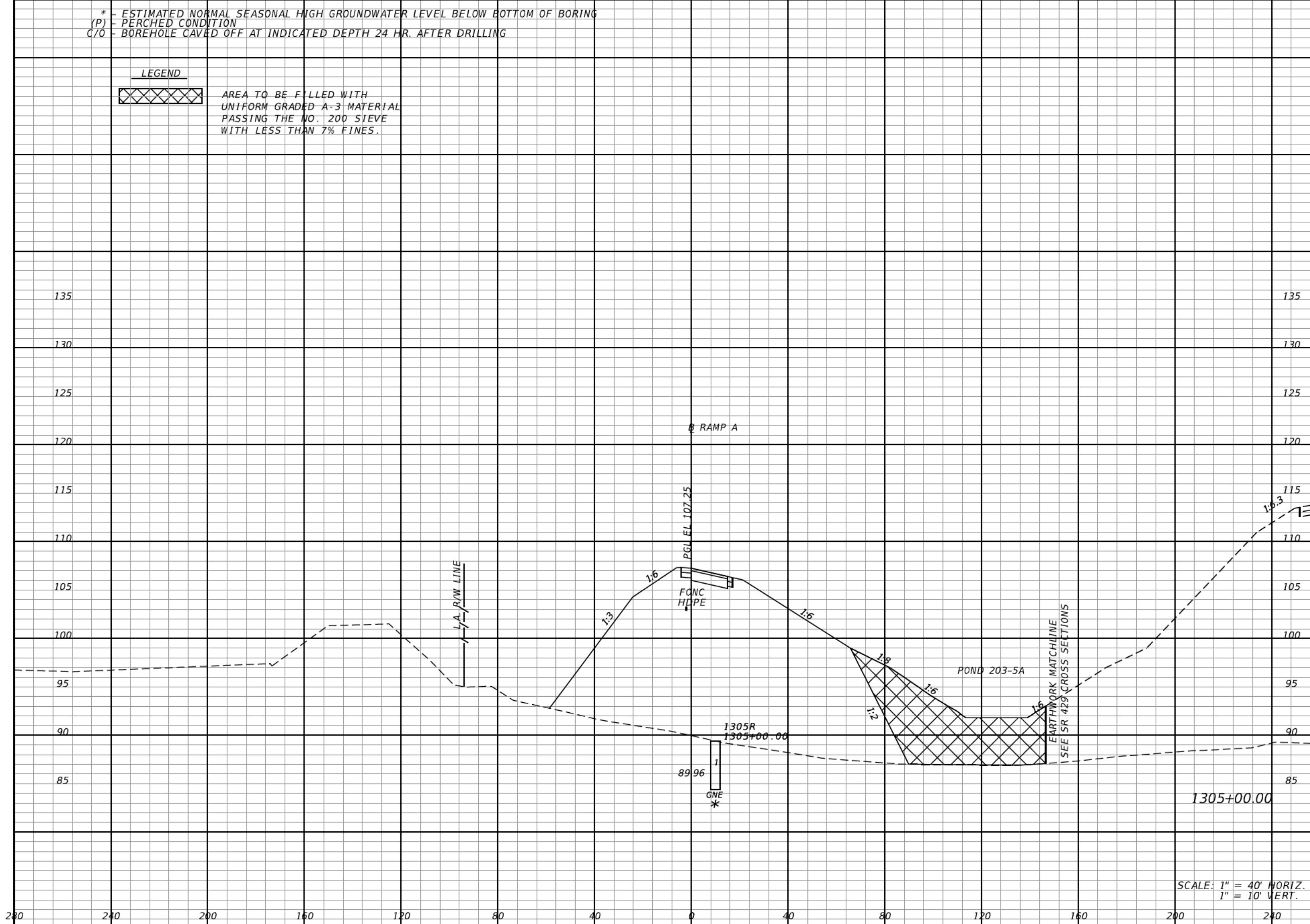
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc.		Embankment	
A	V	A	V

LEGEND



AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



Regular Exc.		Embankment	
A	V	A	V
0	0	2166 (A-3) (432)	9152 (A-3) (1289)

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS RAMP A

SHEET NO. 527

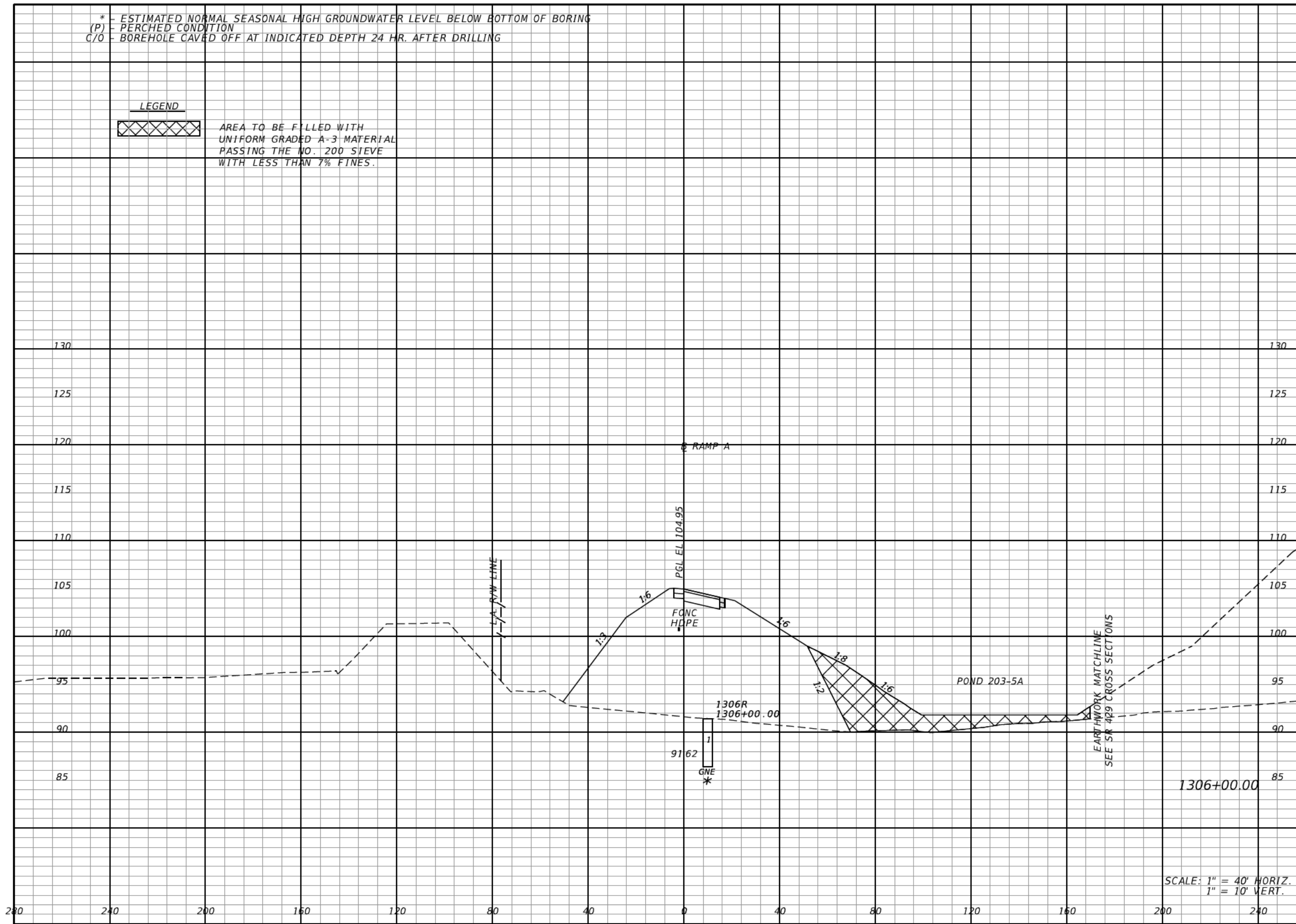
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V

LEGEND



AREA TO BE FILLED WITH
UNIFORM GRADED A-3 MATERIAL
PASSING THE NO. 200 SIEVE
WITH LESS THAN 7% FINES.



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

Regular Exc.		Embankment	
A	V	A	V
0	0	1329 (A-3) (260)	6472 (A-3) (1281)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



**CROSS SECTIONS
RAMP A**

SHEET NO.
528

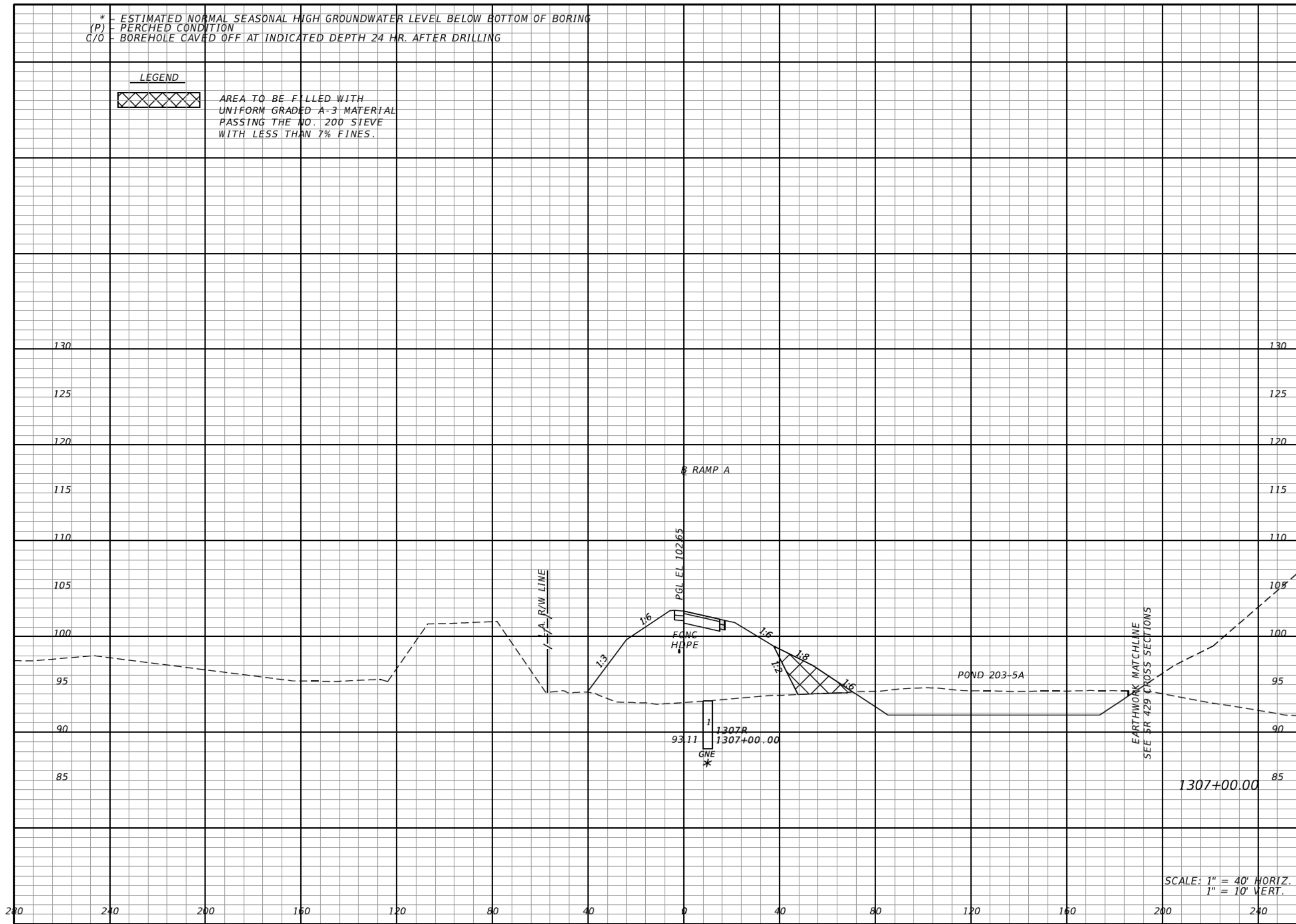
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V

LEGEND



AREA TO BE FILLED WITH
UNIFORM GRADED A-3 MATERIAL
PASSING THE NO. 200 SIEVE
WITH LESS THAN 7% FINES.



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

267
494
618
(A-3)
(65)
3605
(A-3)
(722)

REVISIONS	
DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO. SR 429	PROJECT NO. 429-203
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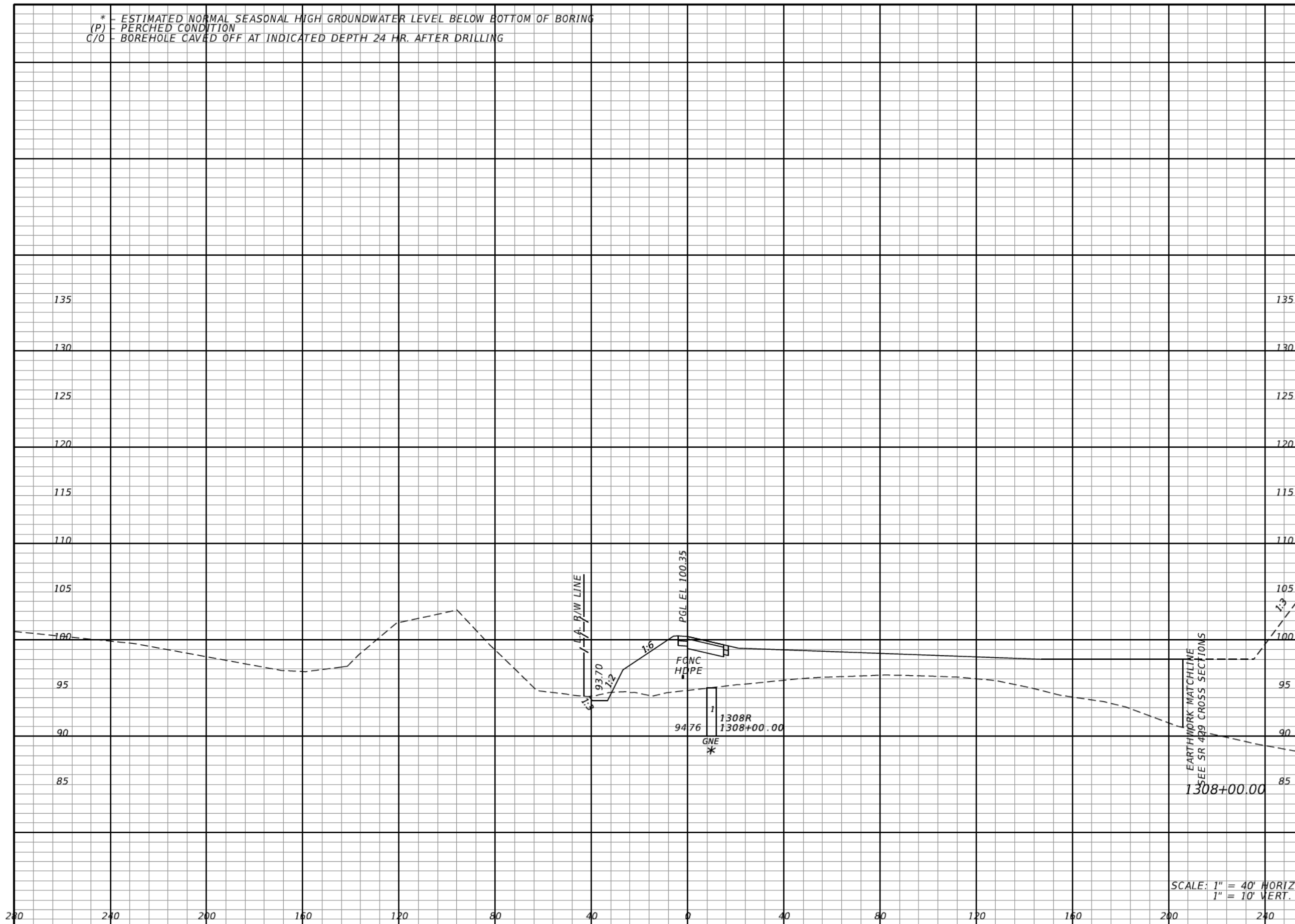


**CROSS SECTIONS
RAMP A**

SHEET NO.
529

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



5	503	821 (A-3) (0)	2663 (A-3) (120)

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



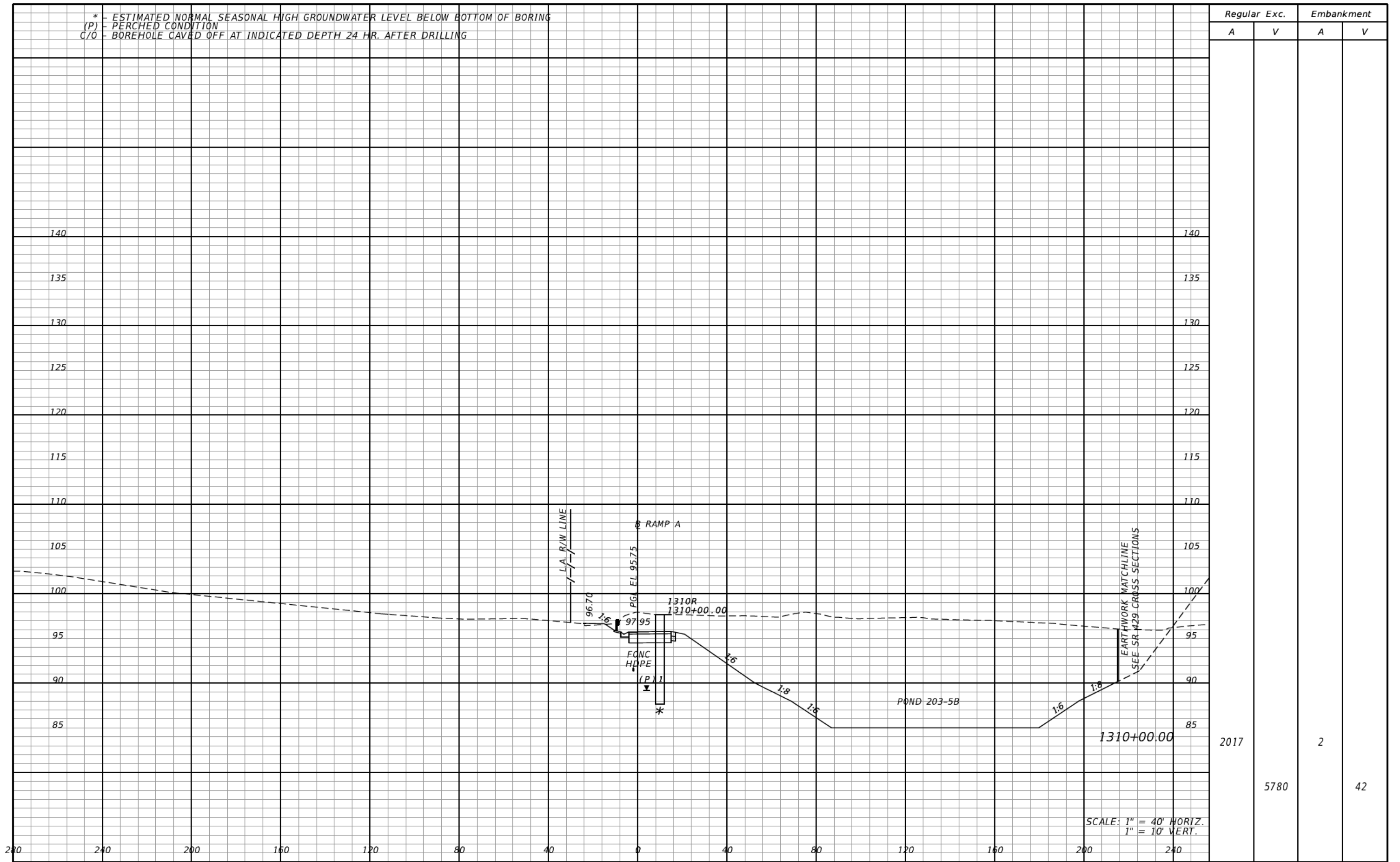
**CROSS SECTIONS
RAMP A**

SHEET NO. 530

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



2017	5780	2	42

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

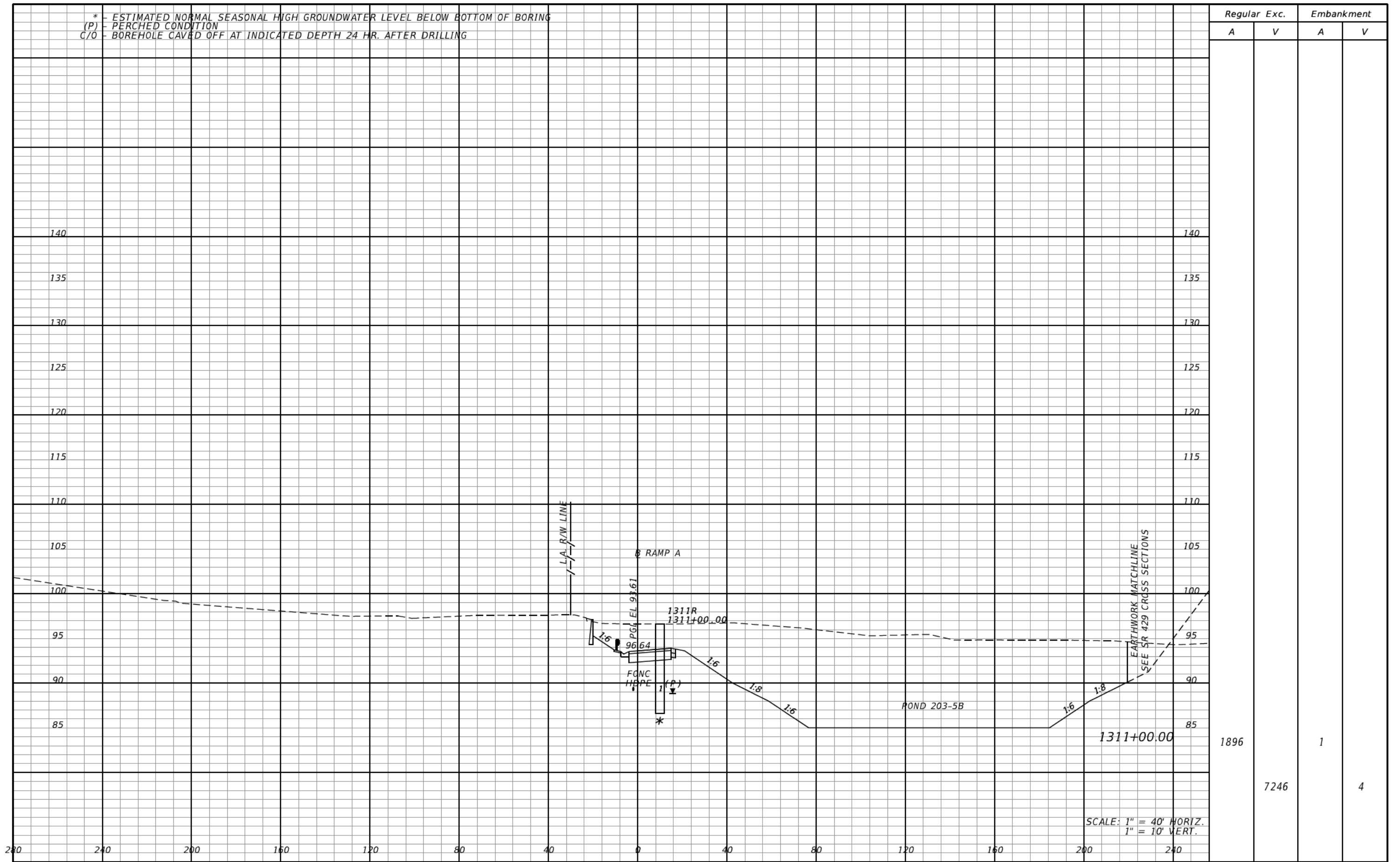


CROSS SECTIONS RAMP A

SHEET NO.
532

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V



1896	7246	1	4
------	------	---	---

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

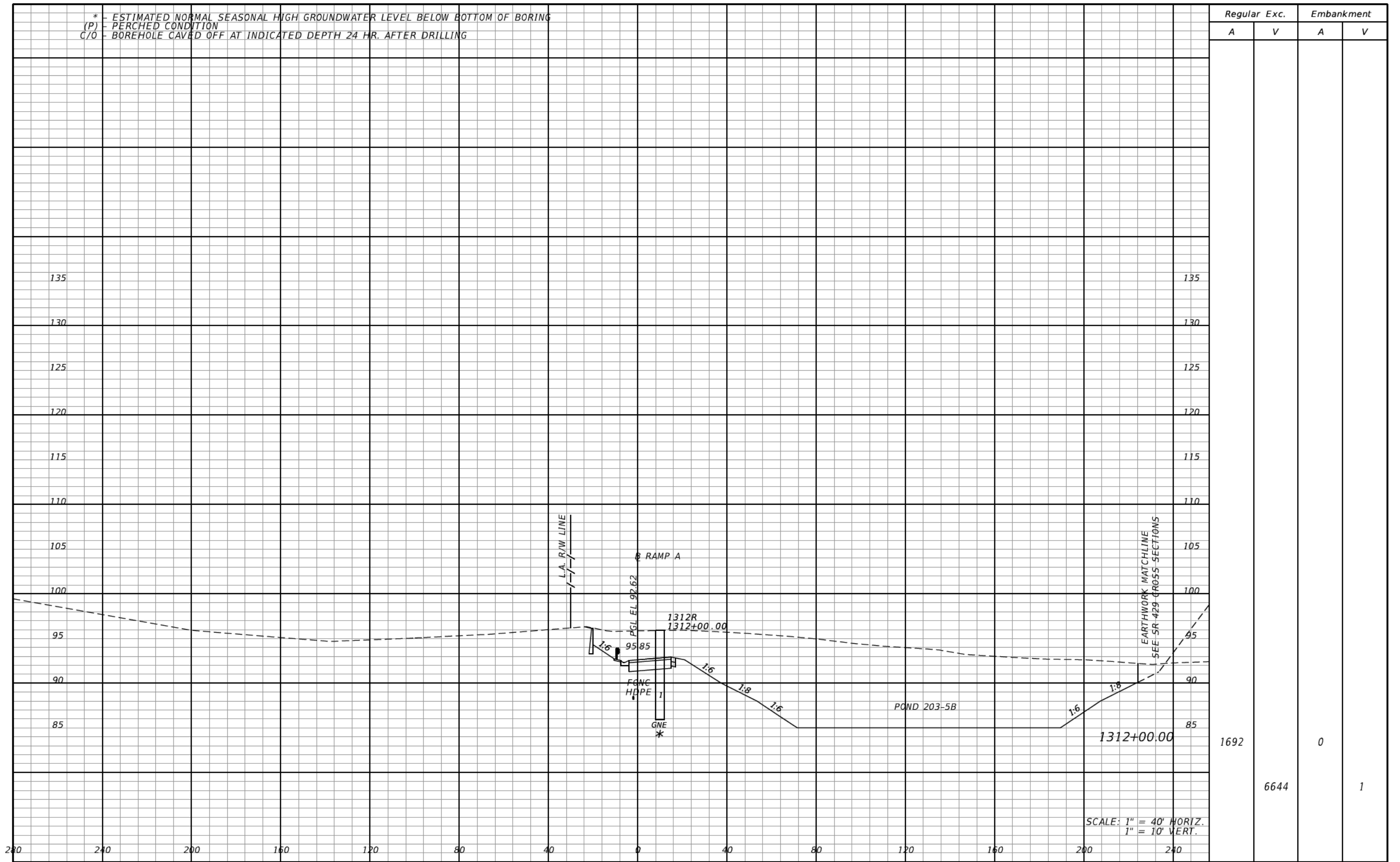
ROAD NO.	PROJECT NO.
SR 429	429-203



CROSS SECTIONS
RAMP A

SHEET NO.
533

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO. SR 429	PROJECT NO. 429-203
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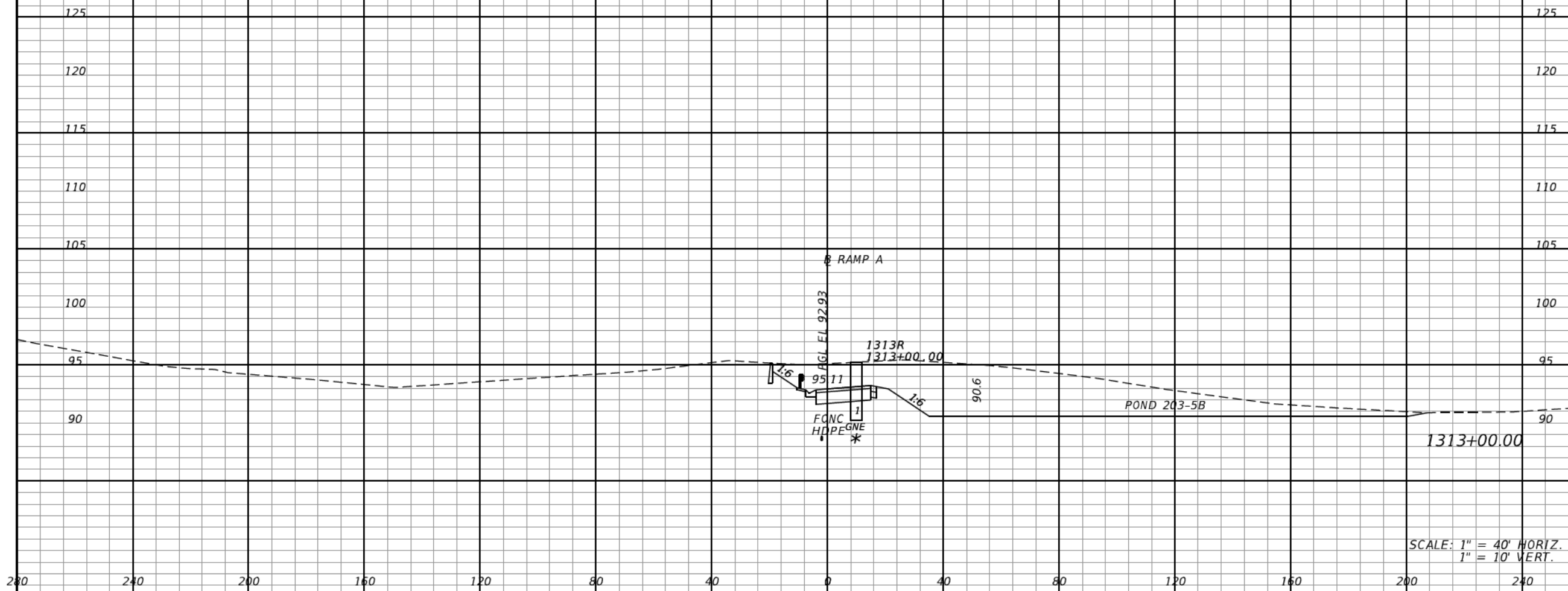
**CROSS SECTIONS
RAMP A**

SHEET NO.
534

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

SUMMARY OF EARTHWORK		
DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION	26,897	
REGULAR EMBANKMENT	82,485	
(A-3) SELECT EMBANKMENT	(3,901)	

Regular Exc.		Embankment	
A	V	A	V
563	4175	0	0



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

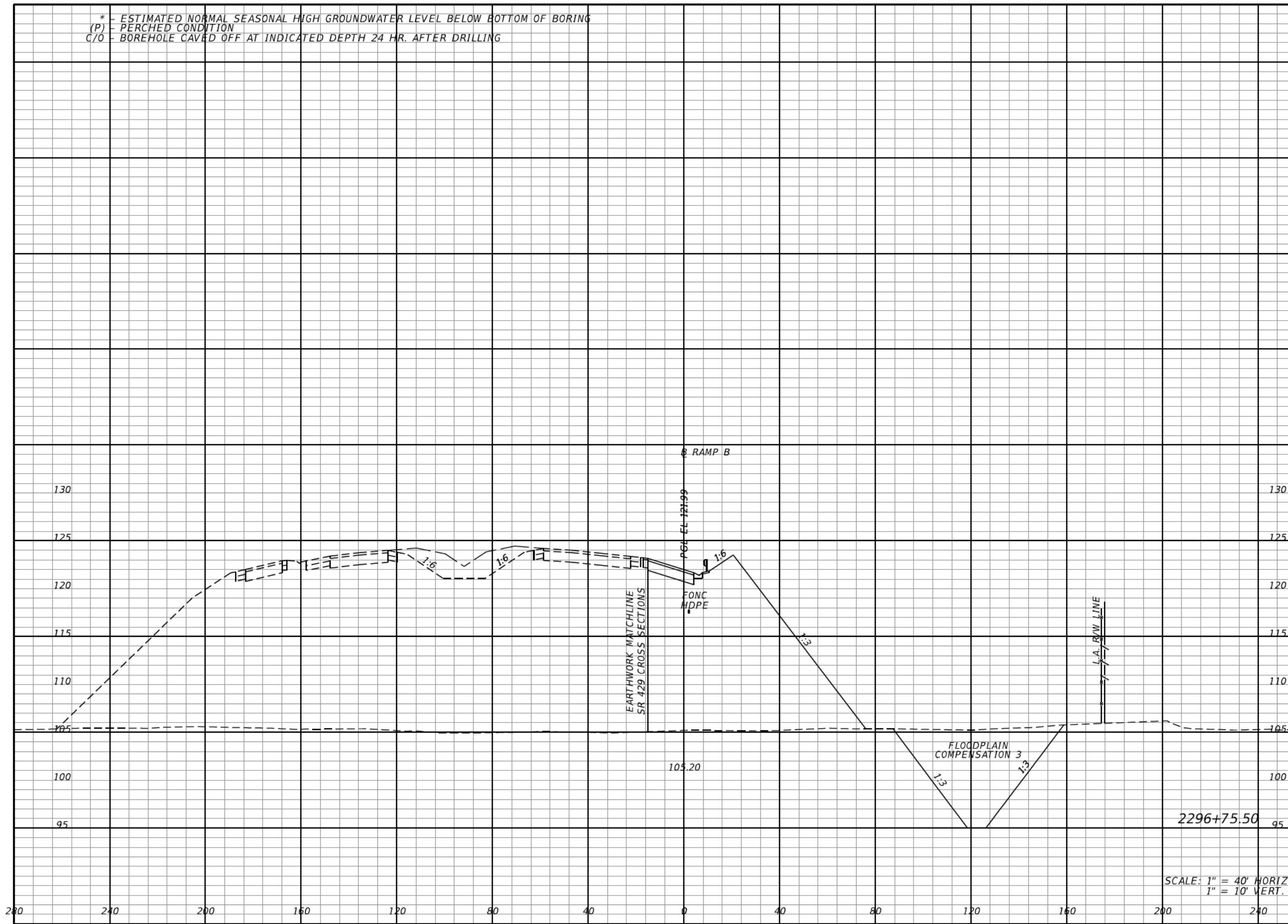


CROSS SECTIONS RAMP A

SHEET NO. 535

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
405	0	1093	0		



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



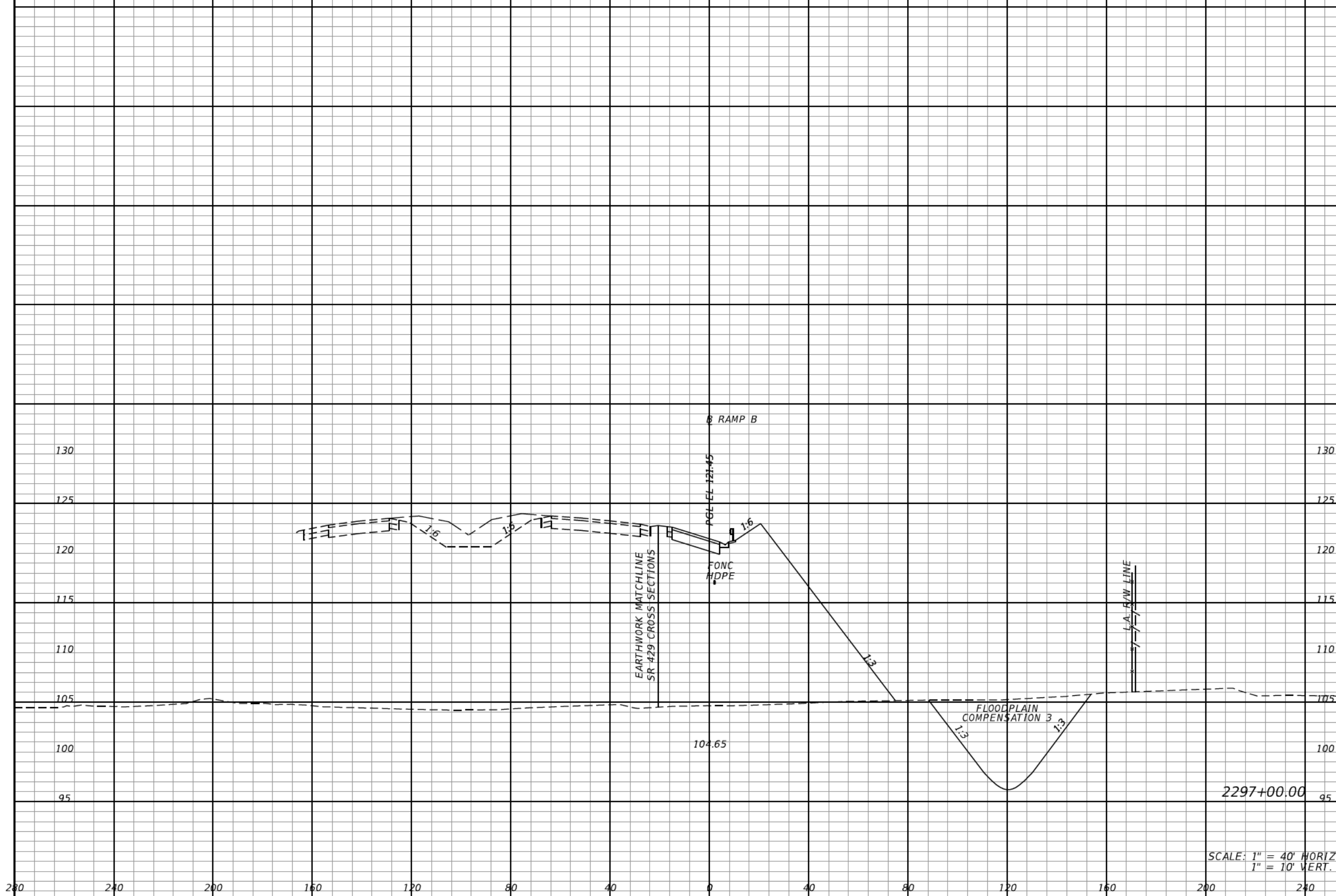
CROSS SECTIONS RAMP B

SHEET NO. 536

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



334

1180

335

1031

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA
EXPRESSWAY AUTHORITY

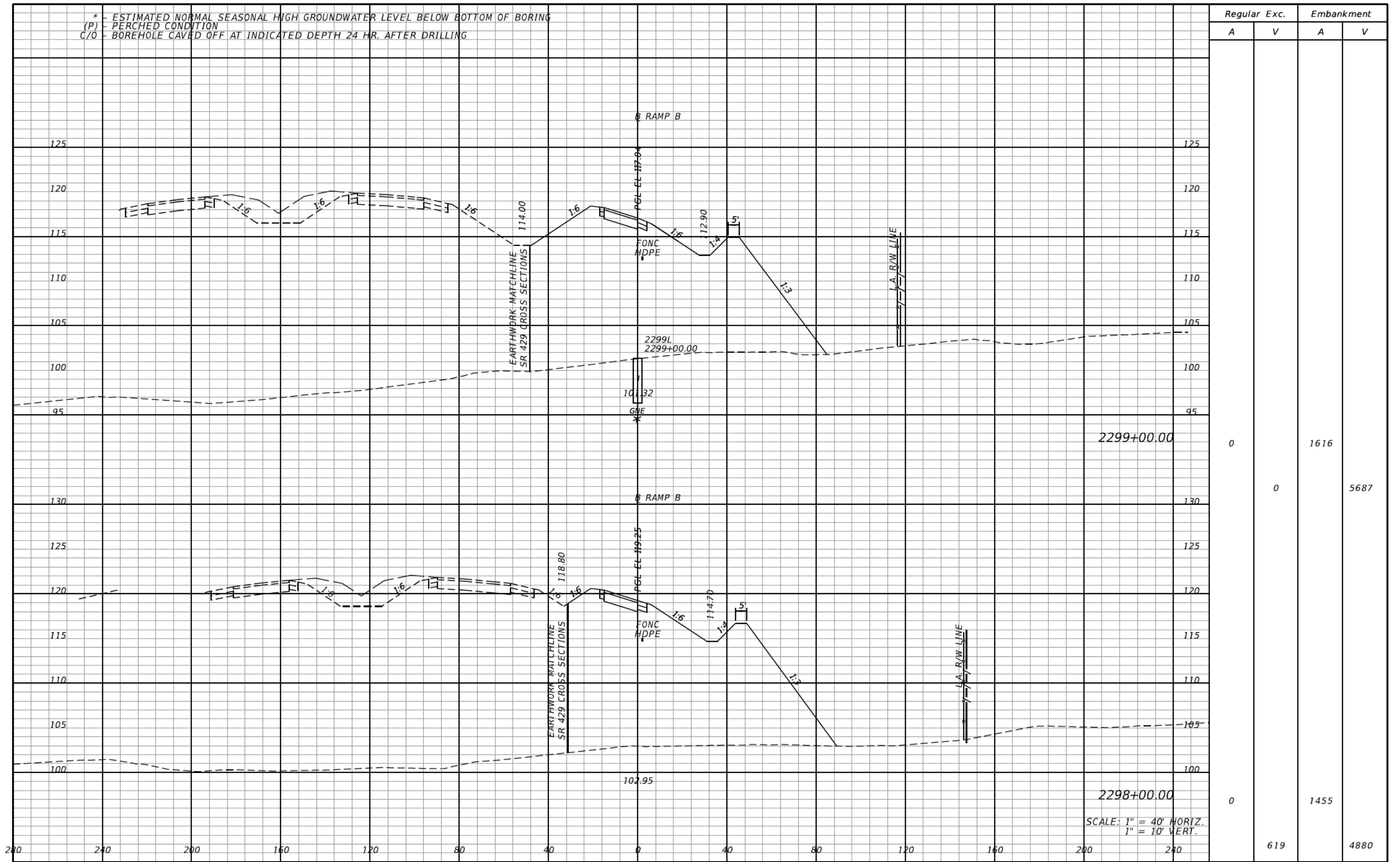
ROAD NO.	PROJECT NO.
SR 429	429-203



CROSS SECTIONS RAMP B

SHEET
NO.
537

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

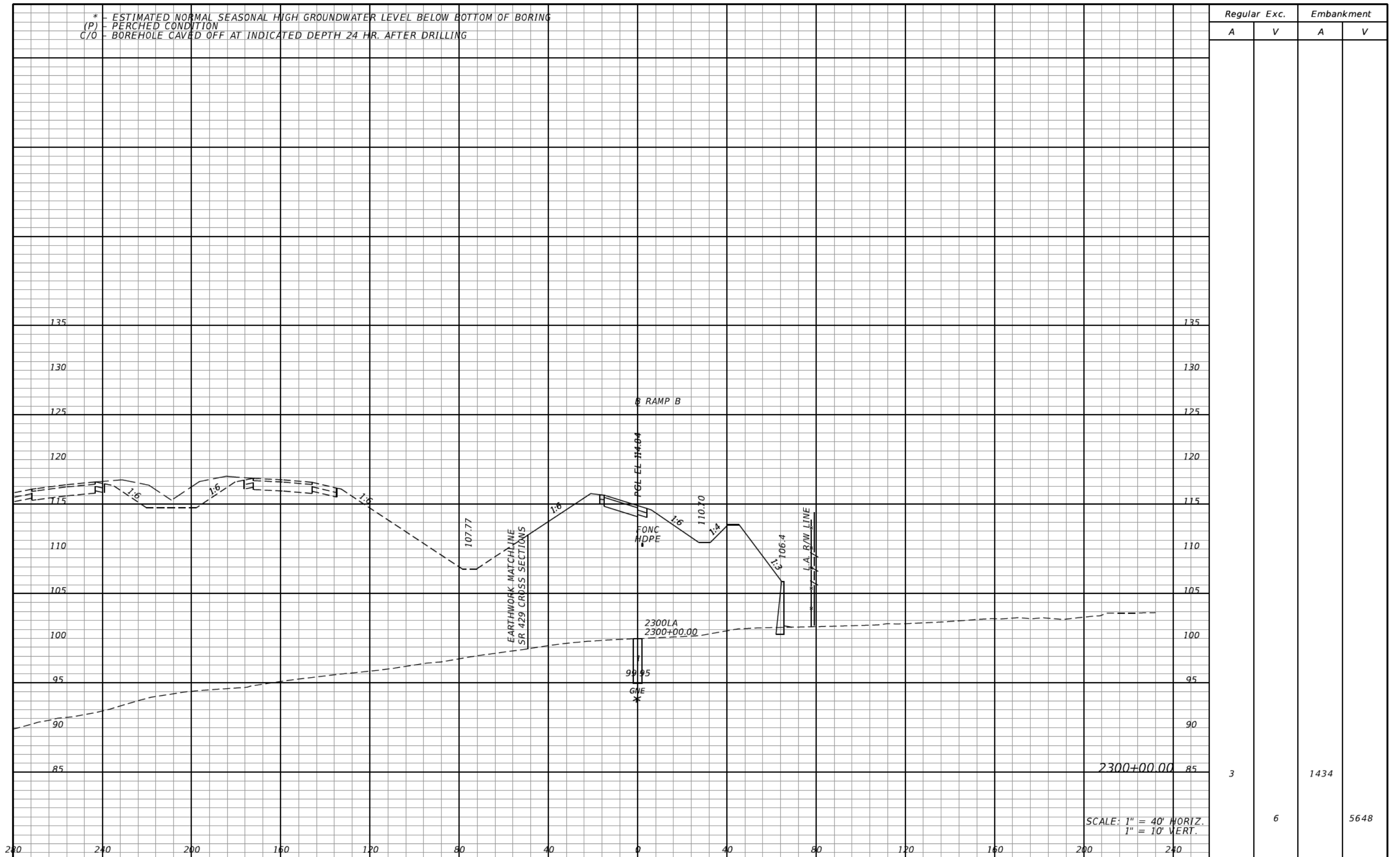
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203




CROSS SECTIONS RAMP B

SHEET NO. 538

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS				DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY 		CROSS SECTIONS RAMP B	SHEET NO. 539
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.		
					SR 429	429-203		

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* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				1814 (A-3) (0)	
		6			6015



2301+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794


CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

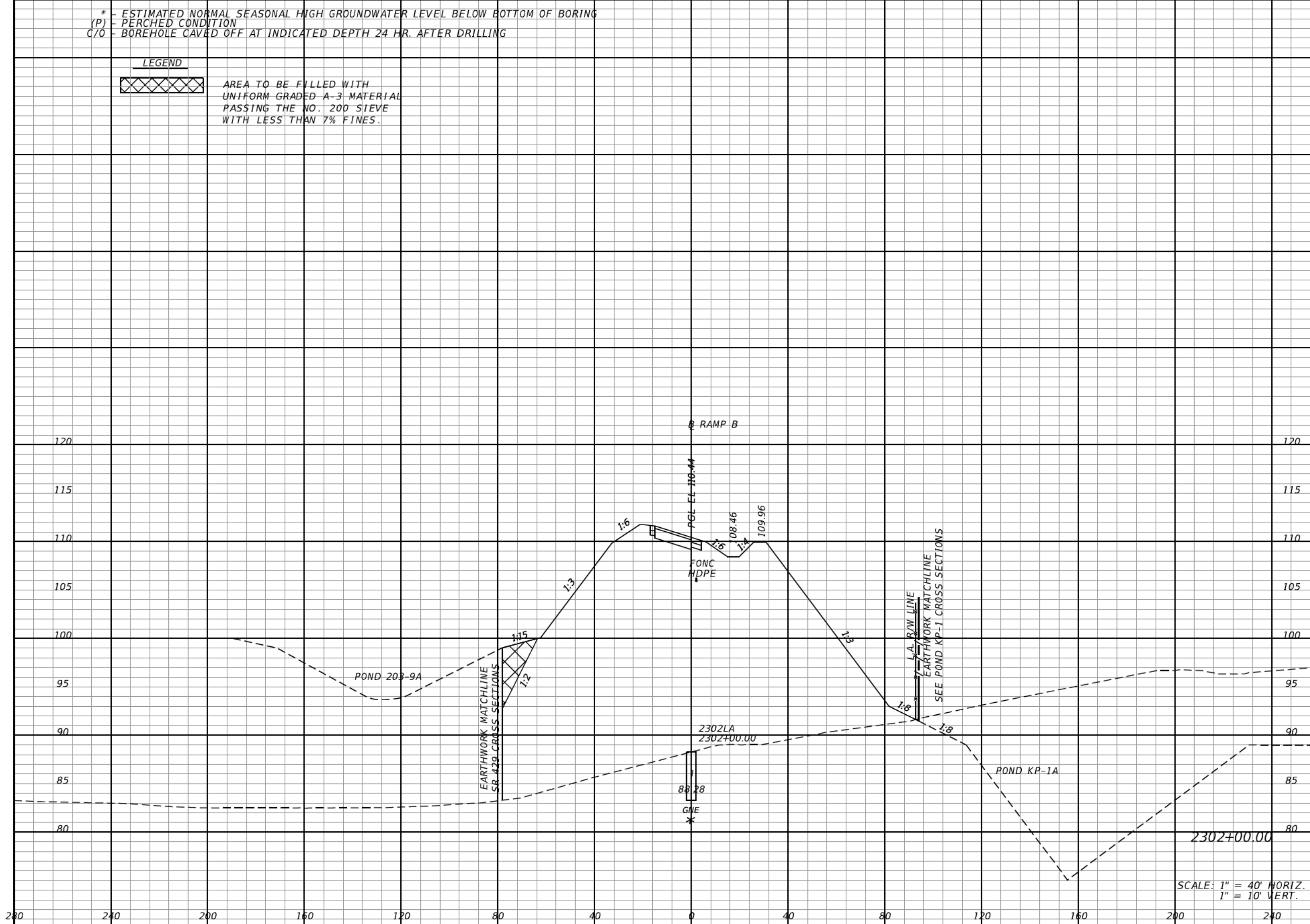


CROSS SECTIONS
RAMP B

SHEET NO.
540

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

LEGEND
 AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0				2810 (A-3) (45)	8563 (A-3) (83)

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794


CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

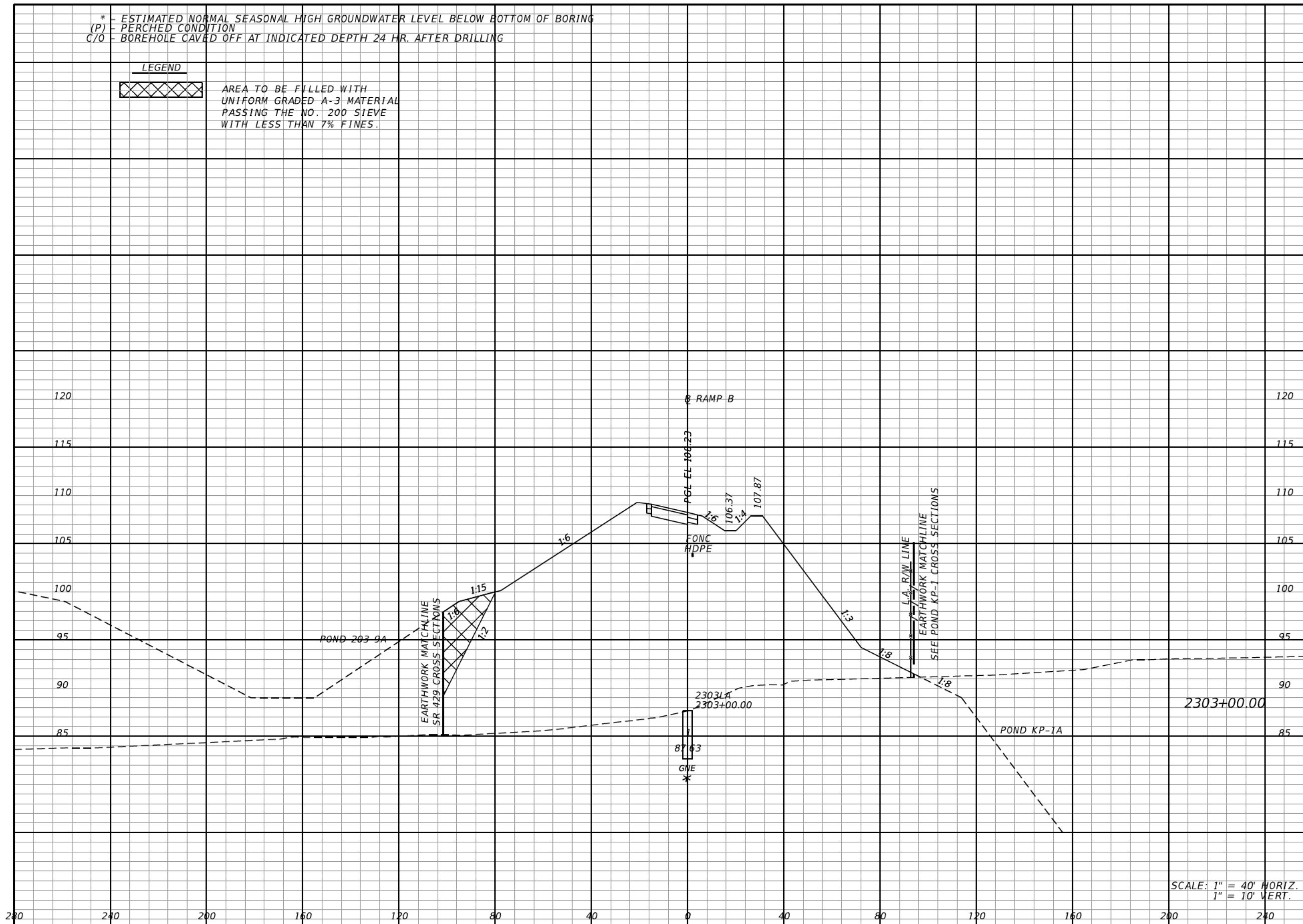


CROSS SECTIONS RAMP B

SHEET NO. 541

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

LEGEND
 AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



Regular		Exc.		Embankment	
A	V	A	V	A	V
				2858 (A-3) (100)	10496 (A-3) (269)

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS RAMP B

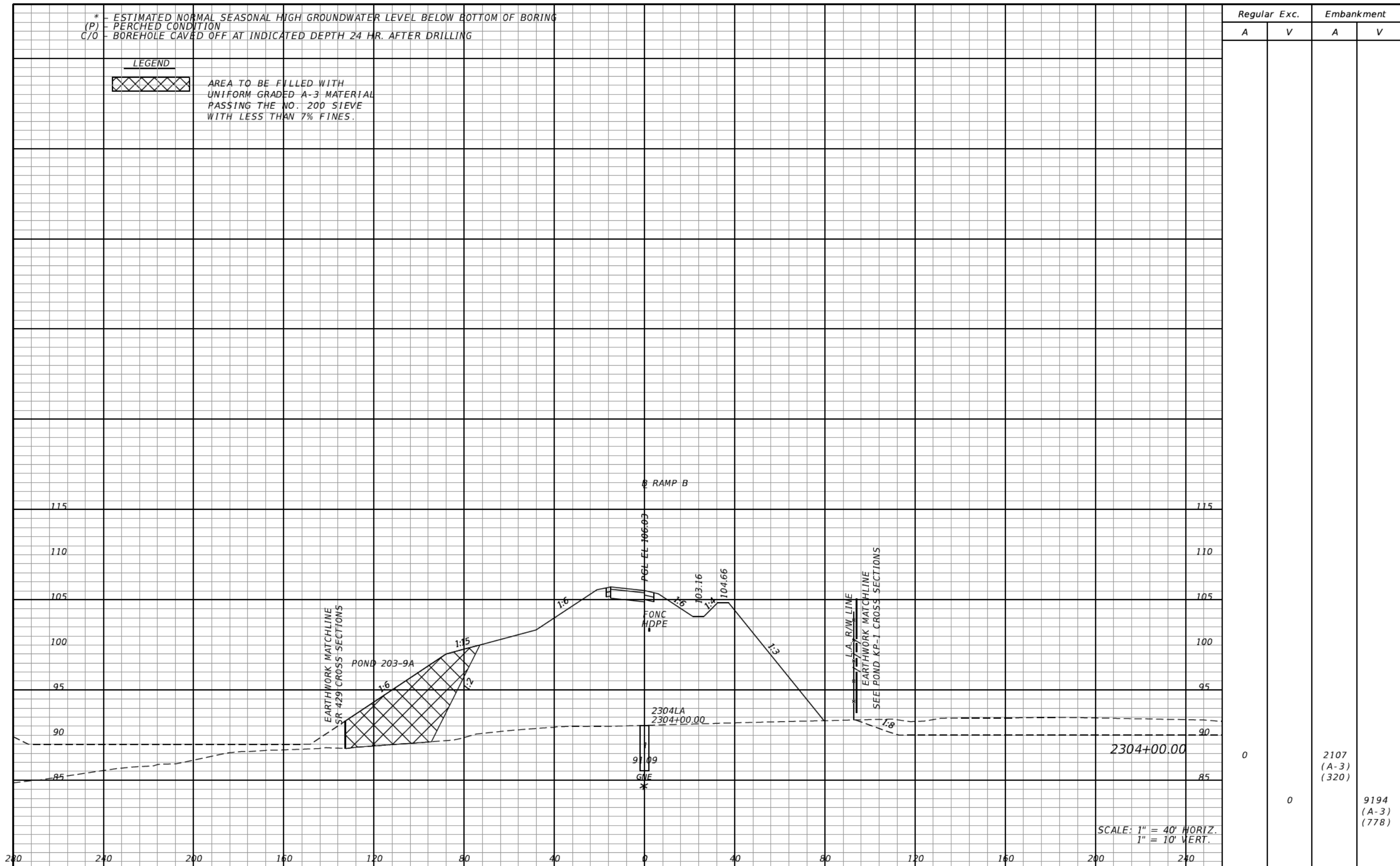
SHEET NO. 542

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

LEGEND



AREA TO BE FILLED WITH
UNIFORM GRADED A-3 MATERIAL
PASSING THE NO. 200 SIEVE
WITH LESS THAN 7% FINES.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0				2107 (A-3) (320)	9194 (A-3) (778)
	0				

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**
ROAD NO. SR 429 PROJECT NO. 429-203



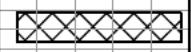
**CROSS SECTIONS
RAMP B**

SHEET NO.
543

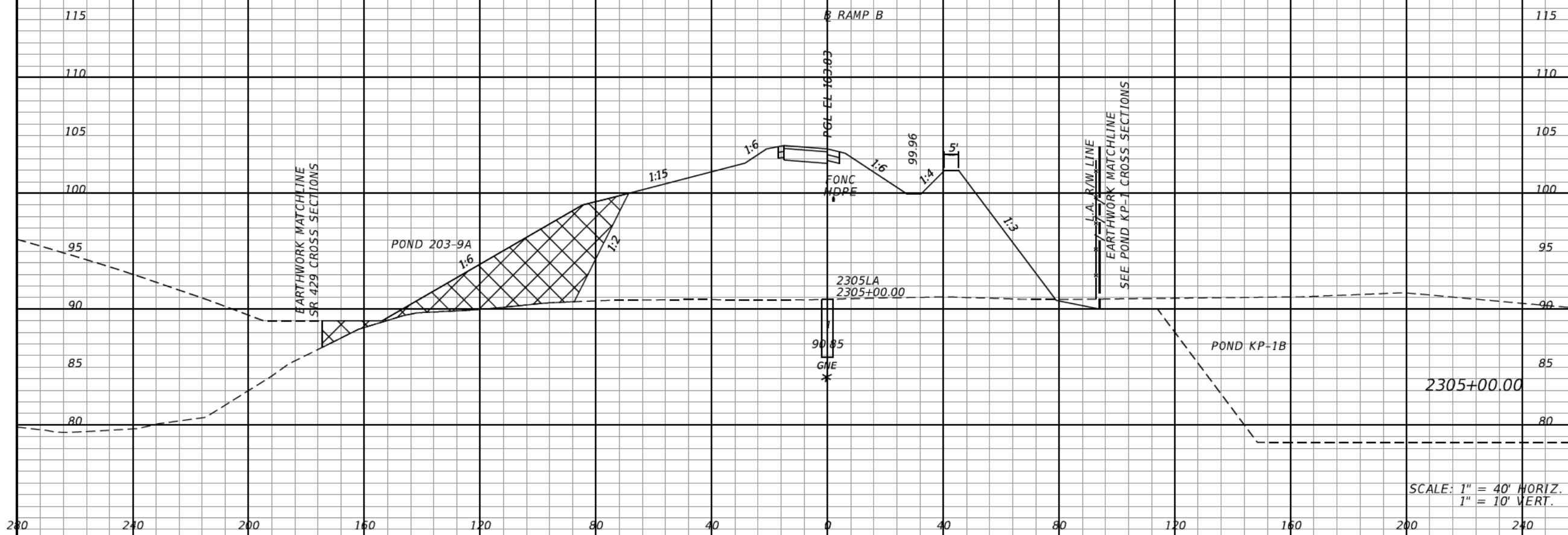
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.	Embankment	
A	V		A	V

LEGEND



AREA TO BE FILLED WITH
UNIFORM GRADED A-3 MATERIAL
PASSING THE NO. 200 SIEVE
WITH LESS THAN 7% FINES.



Regular		Exc.	Embankment	
A	V		A	V
			1871 (A-3) (350)	
7		13		7367 (A-3) (1241)

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203

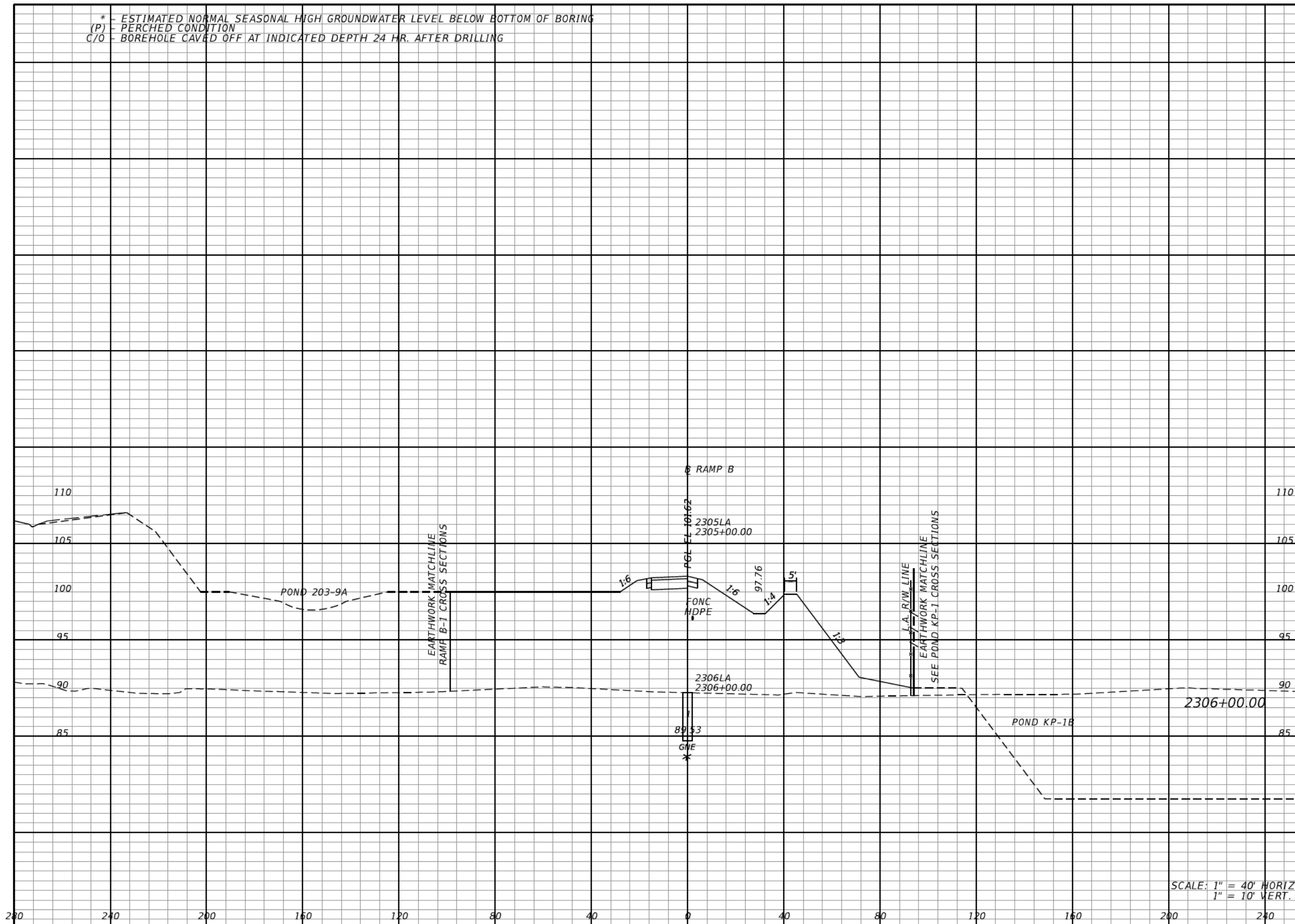


**CROSS SECTIONS
RAMP B**

SHEET NO.
544

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				1658 (A-3) (0)	
	13			6535 (A-3) (648)	



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

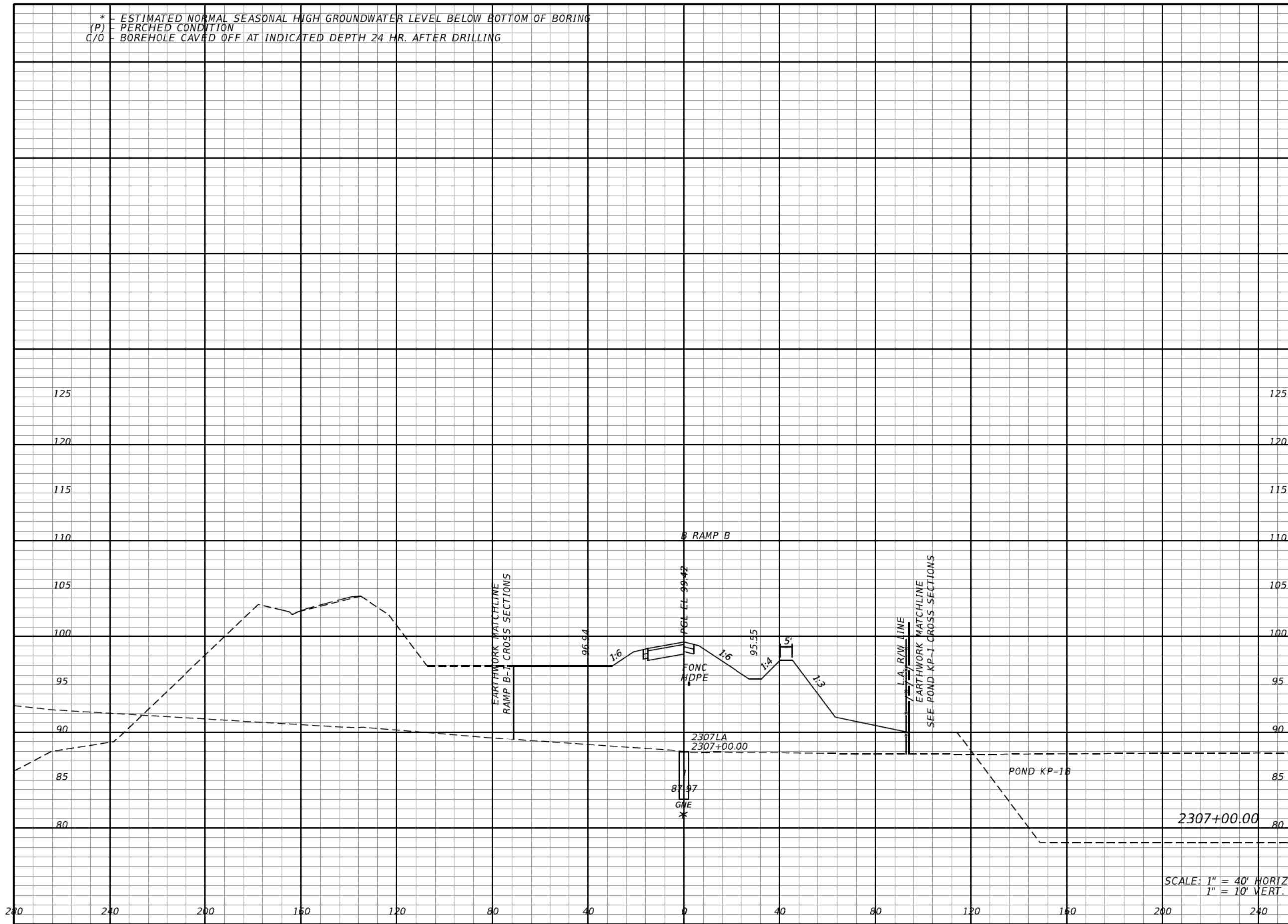


**CROSS SECTIONS
RAMP B**

SHEET NO.
545

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				1258	
			0		5400



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

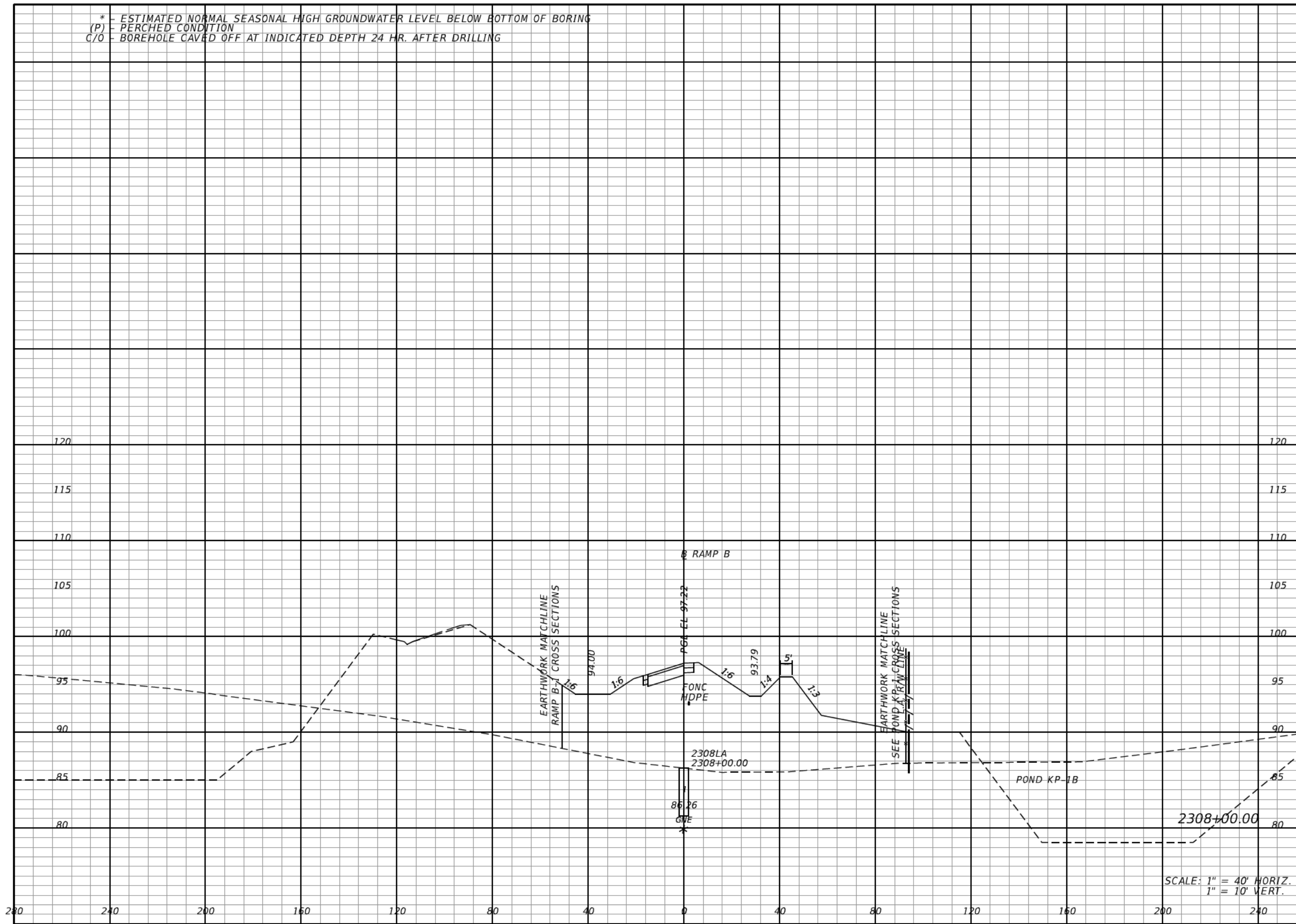


CROSS SECTIONS RAMP B

SHEET NO.
546

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				1072	
					4315



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

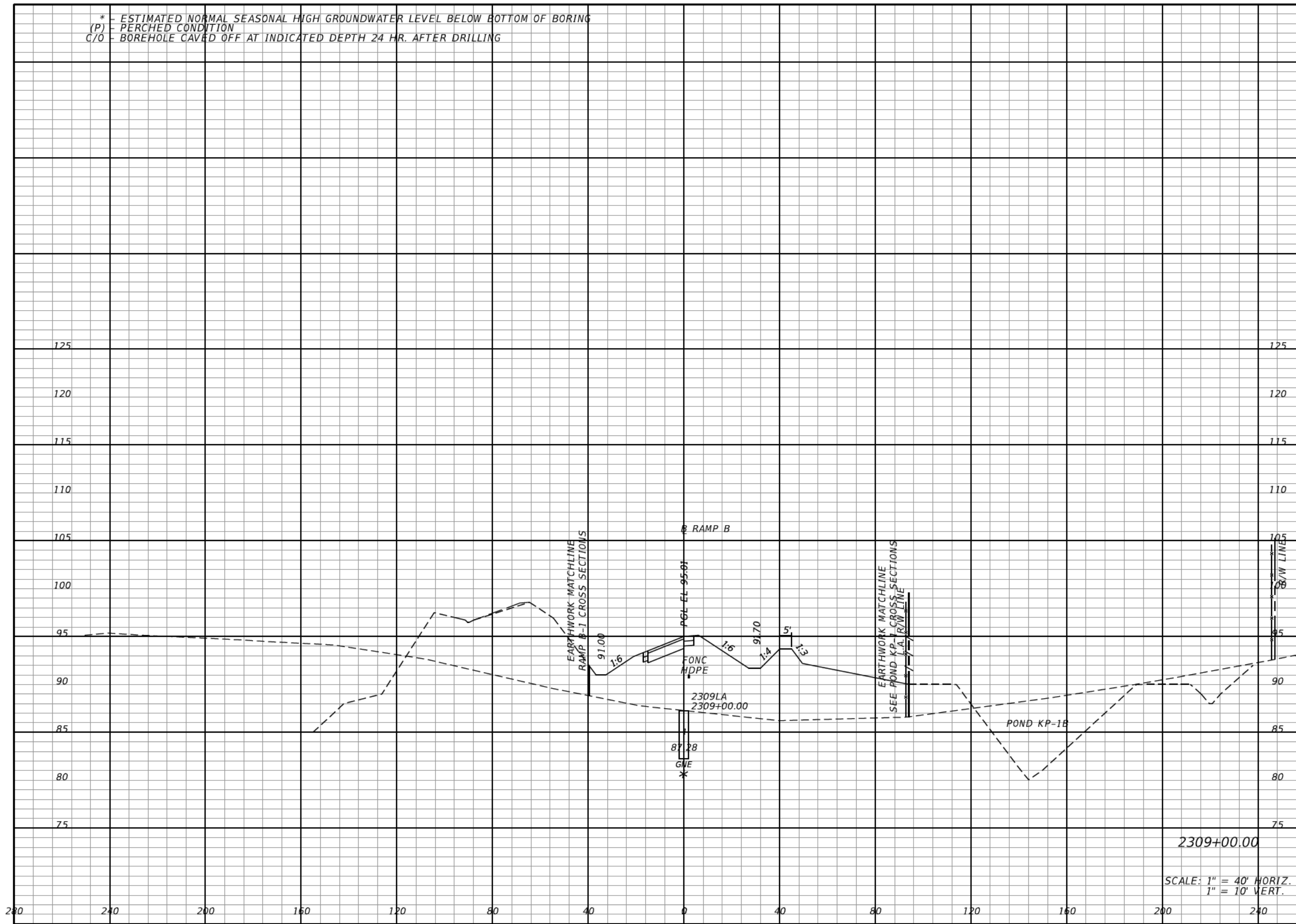


CROSS SECTIONS RAMP B

SHEET NO. 547

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				709	
	0				3298



2309+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



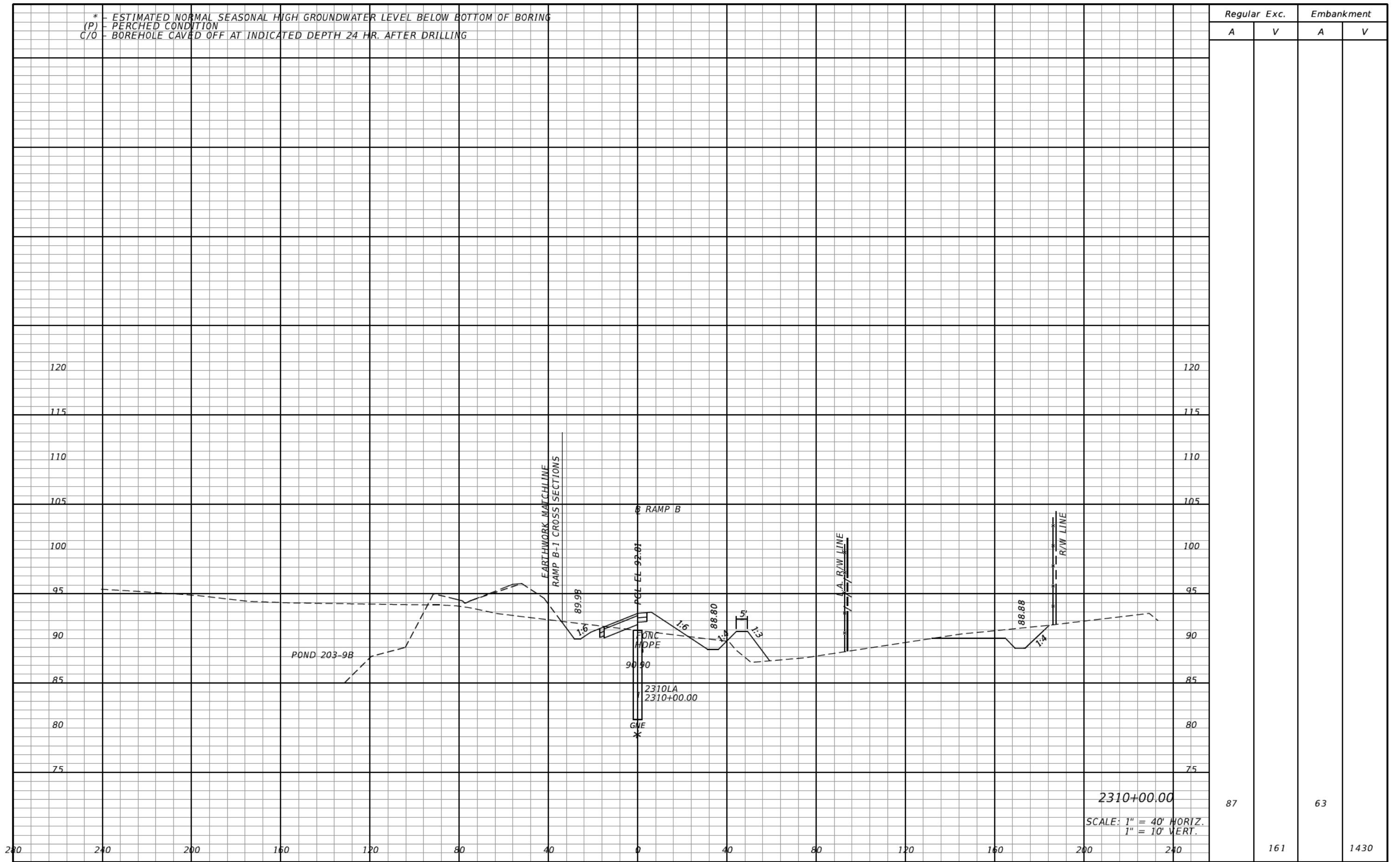
CROSS SECTIONS RAMP B

SHEET NO. 548

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



2310+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

87	161	63	1430
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA
EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



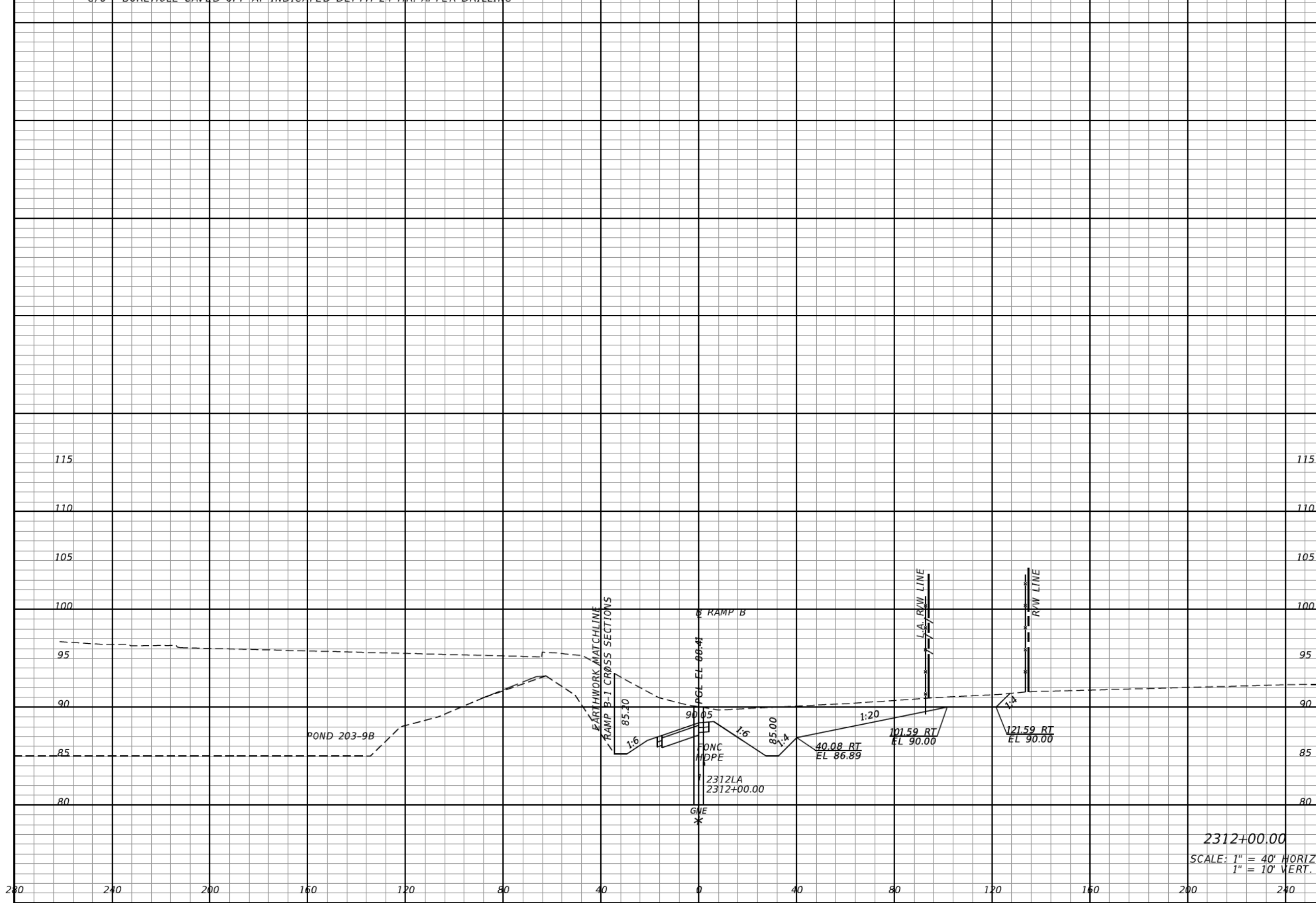
CROSS SECTIONS
RAMP B

SHEET NO.
549

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



Regular Exc.		Embankment	
A	V	A	V
470		0	
1202			2

2312+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

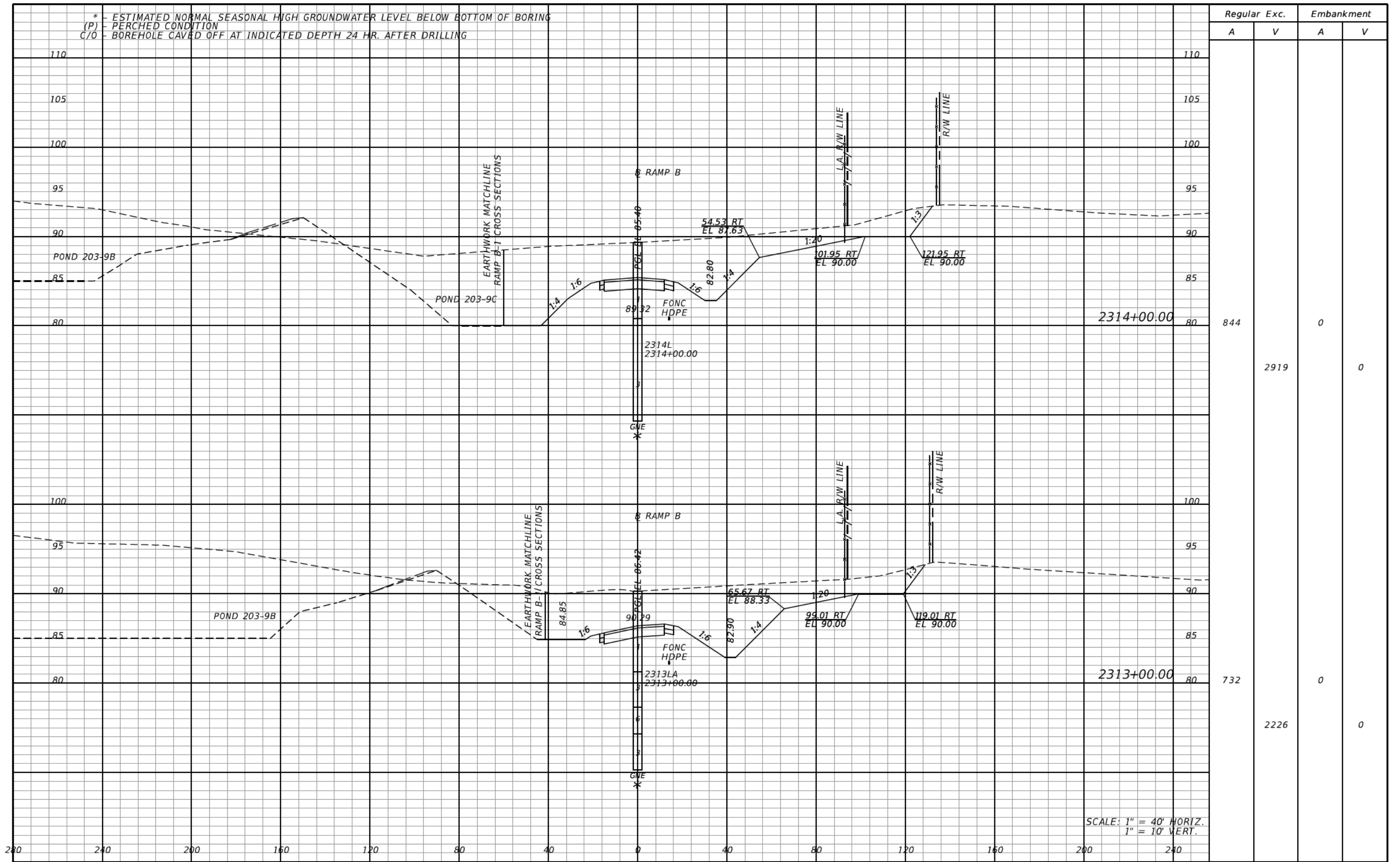
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



CROSS SECTIONS
RAMP B

SHEET NO.
551

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
844				0	
	2919			0	
732				0	
	2226			0	

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
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ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

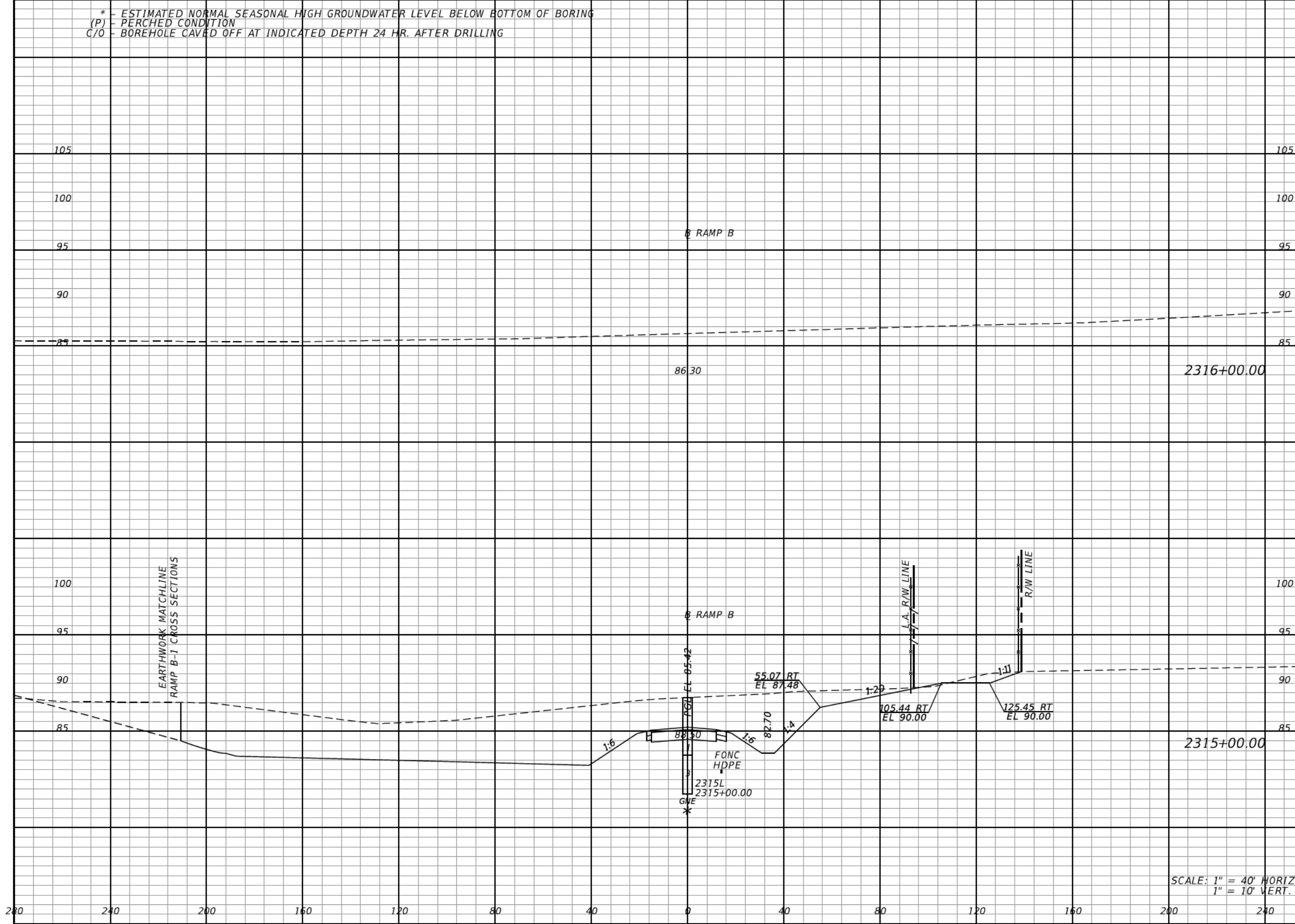


CROSS SECTIONS RAMP B

SHEET NO. 552

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0			2369	0	2
1279			3931	1	2



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
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ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS RAMP B

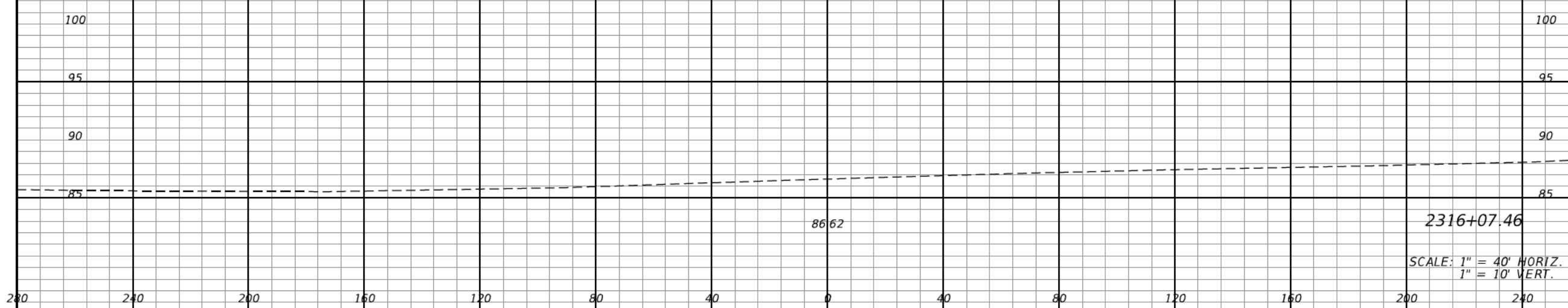
SHEET NO. 553

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V

SUMMARY OF EARTHWORK

DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION	14,293	
REGULAR EMBANKMENT	79,984	
(A-3) SELECT EMBANKMENT	(3,019)	



0	0	0	0
---	---	---	---

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

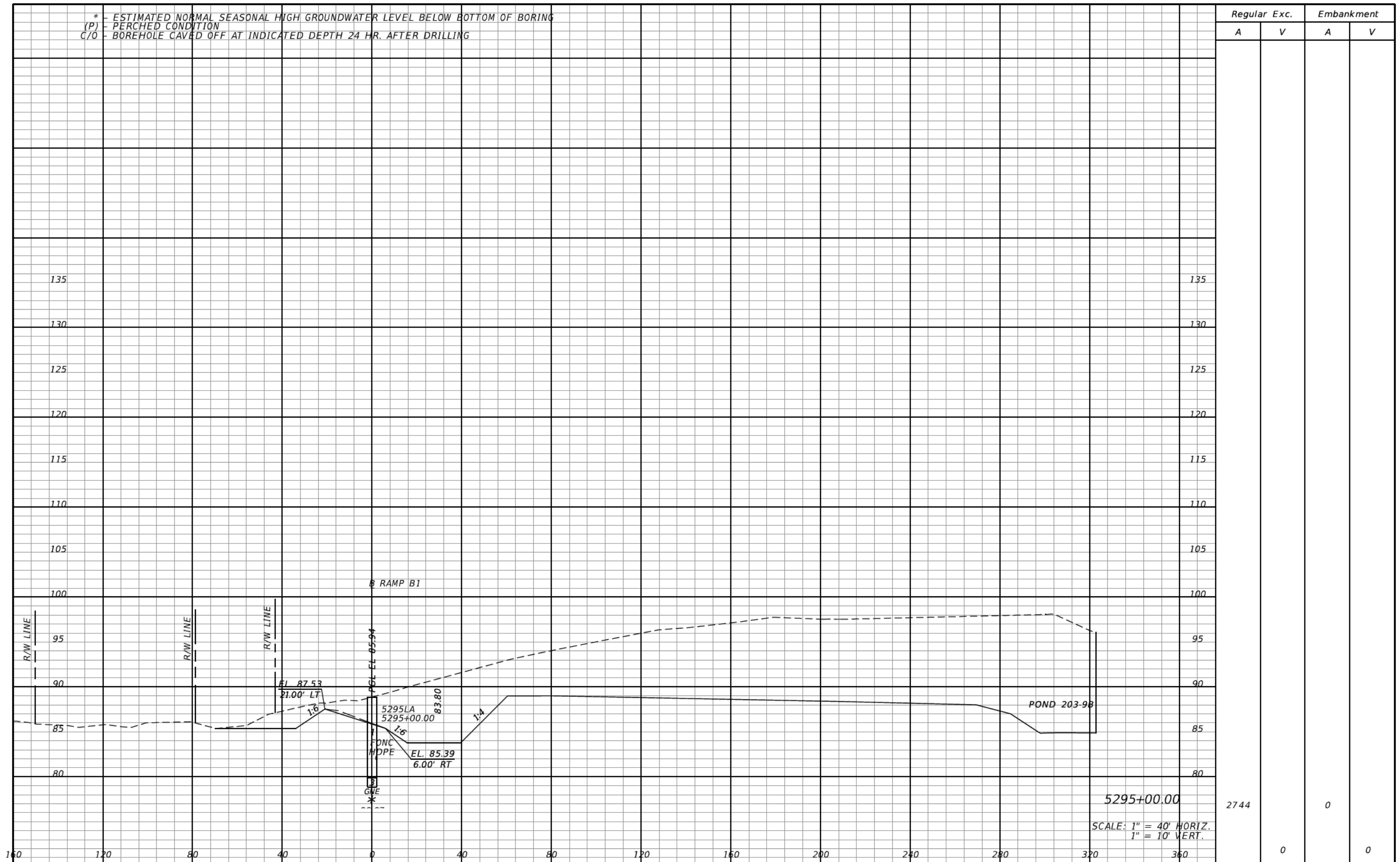


CROSS SECTIONS RAMP B

SHEET NO.
554

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc.		Embankment	
A	V	A	V
2744			
		0	
	0		0



5295+00.00
 SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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 ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



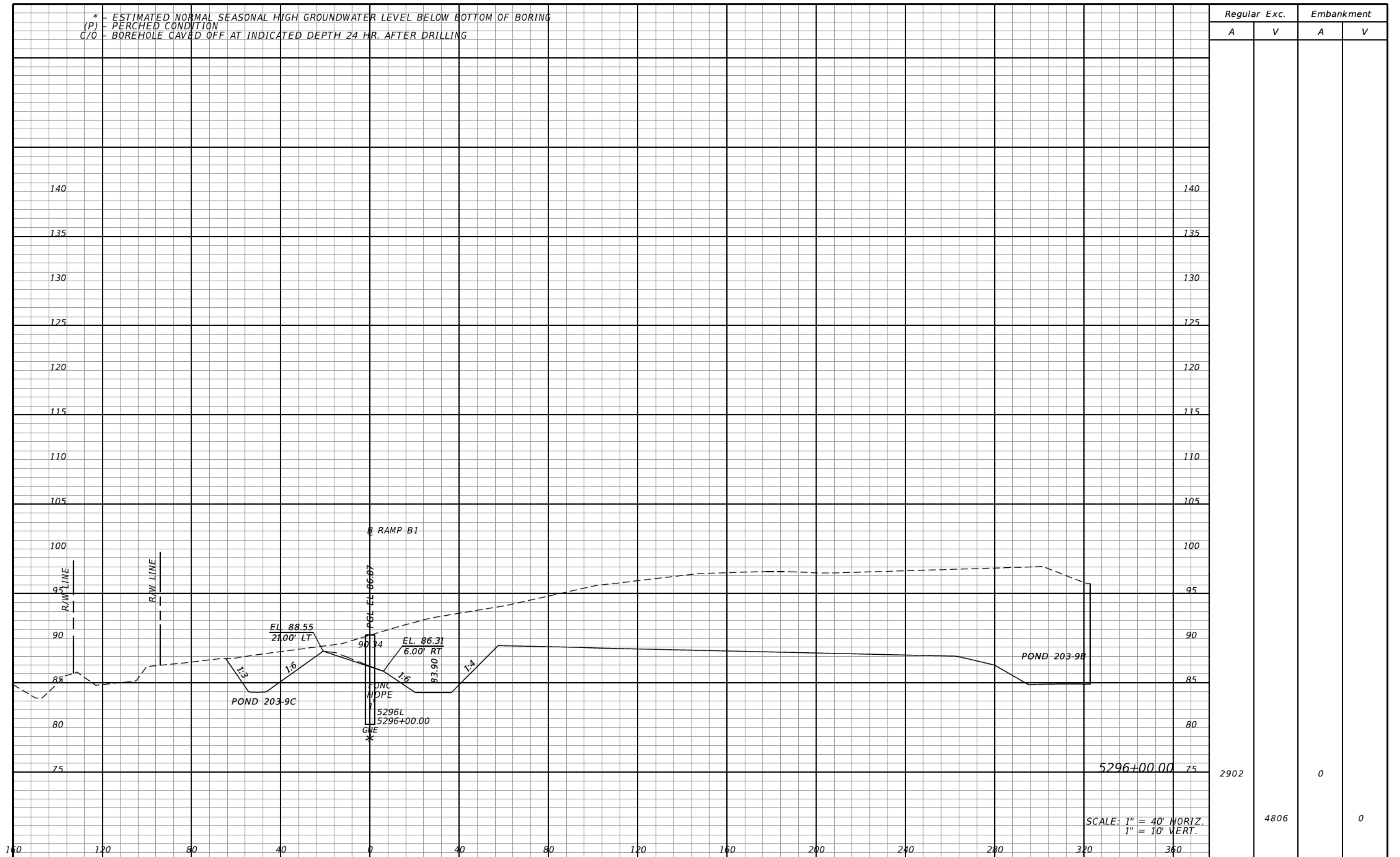
CROSS SECTIONS
RAMP B1

SHEET NO.
555

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

2902 0

4806 0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203



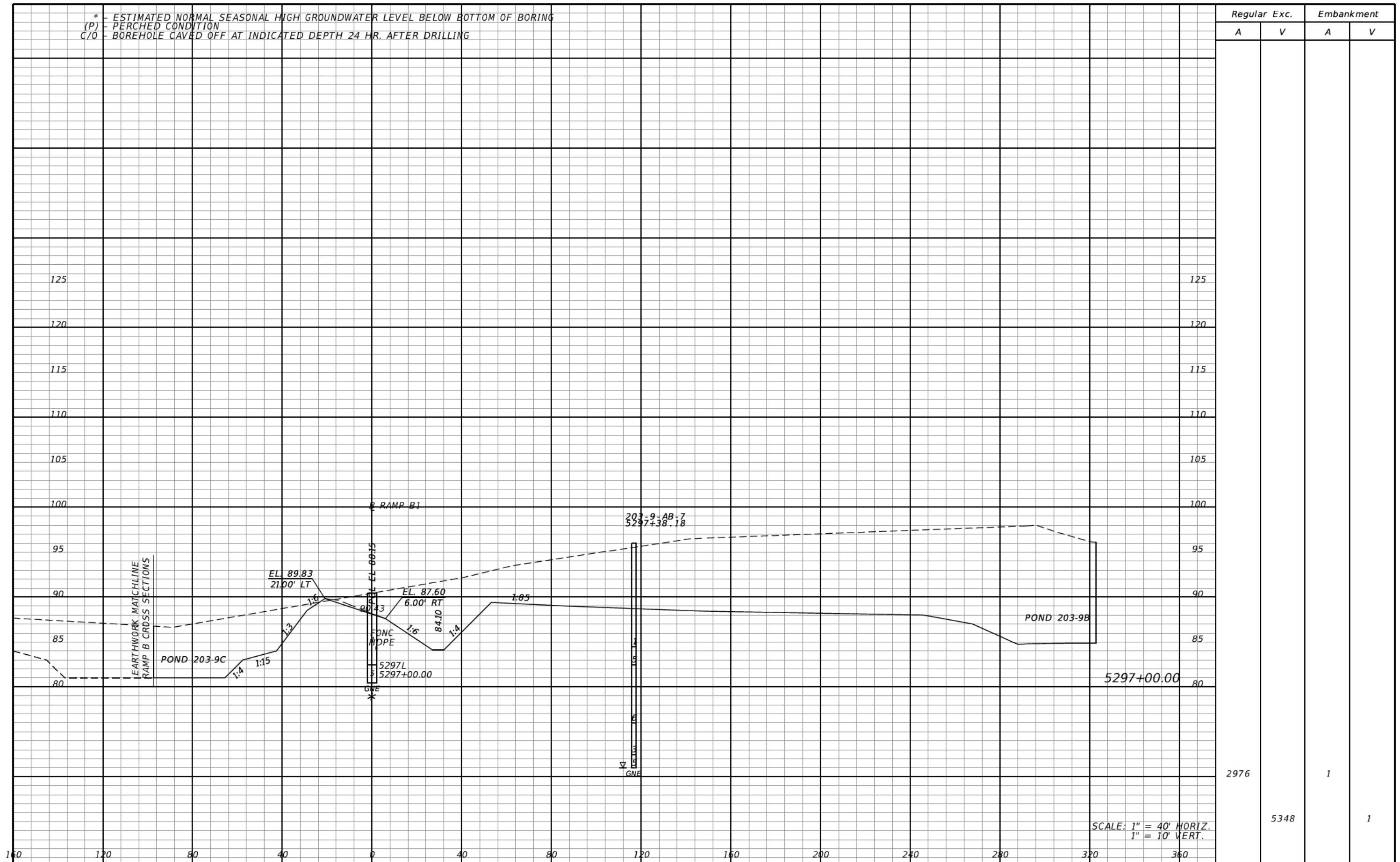
CROSS SECTIONS RAMP B1

SHEET NO.
556

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

2976			1
	5348		1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA
EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



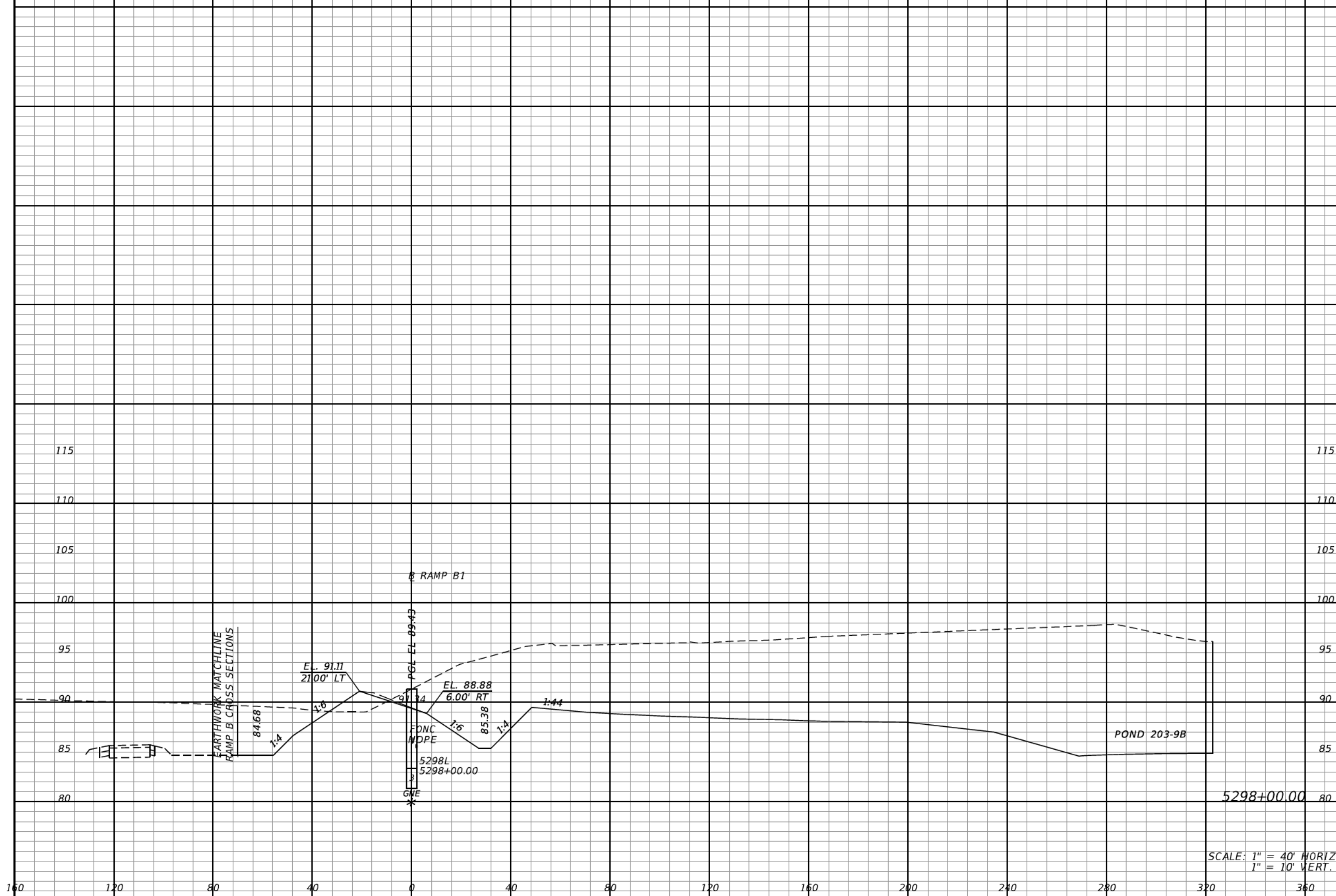
CROSS SECTIONS
RAMP B1

SHEET NO.
557

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



Regular Exc.		Embankment	
A	V	A	V
3016		27	
5432			25

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203



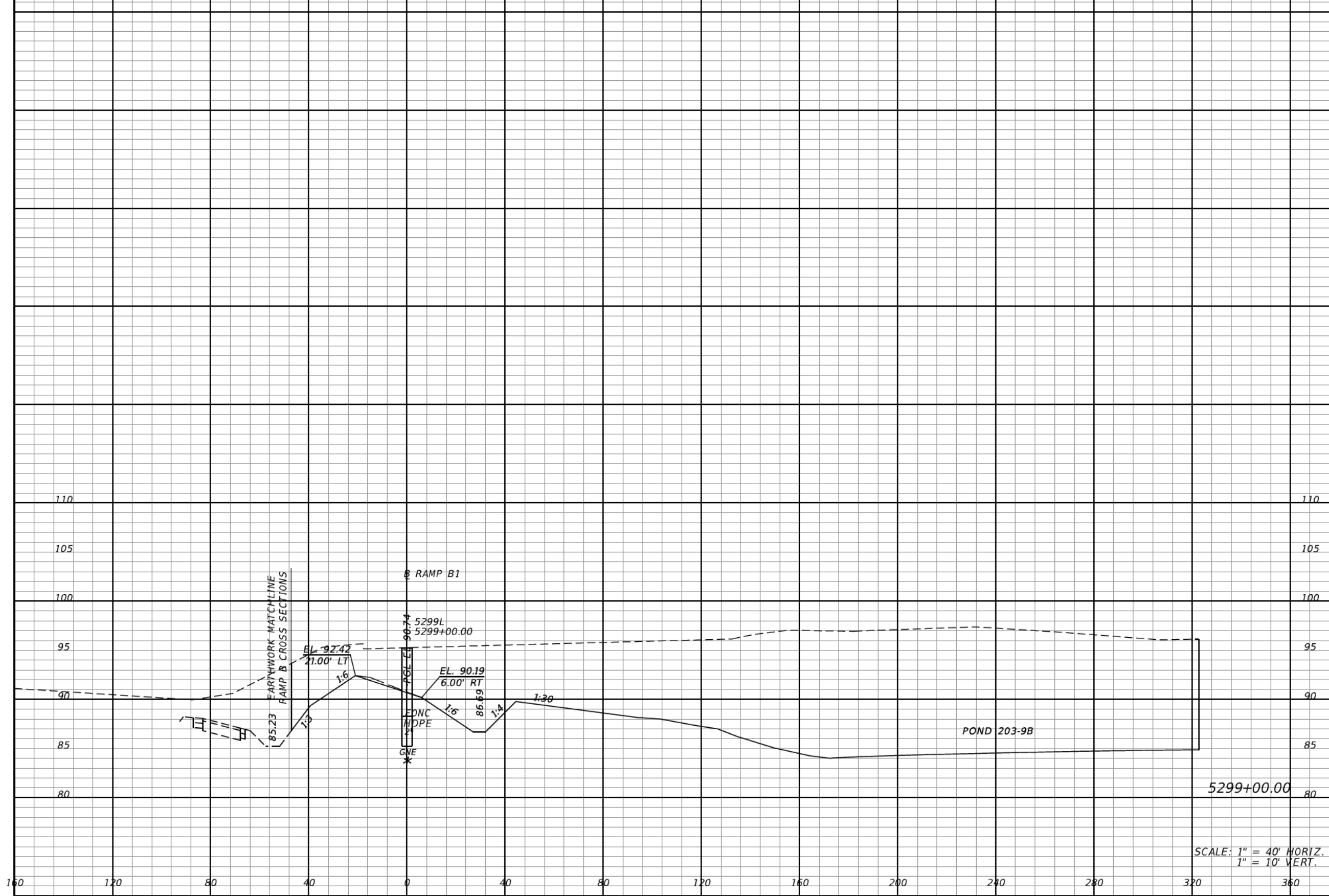
CROSS SECTIONS RAMP B1

SHEET NO.
558

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



3497 0

5713 24

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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ROAD NO.	PROJECT NO.
SR 429	429-203



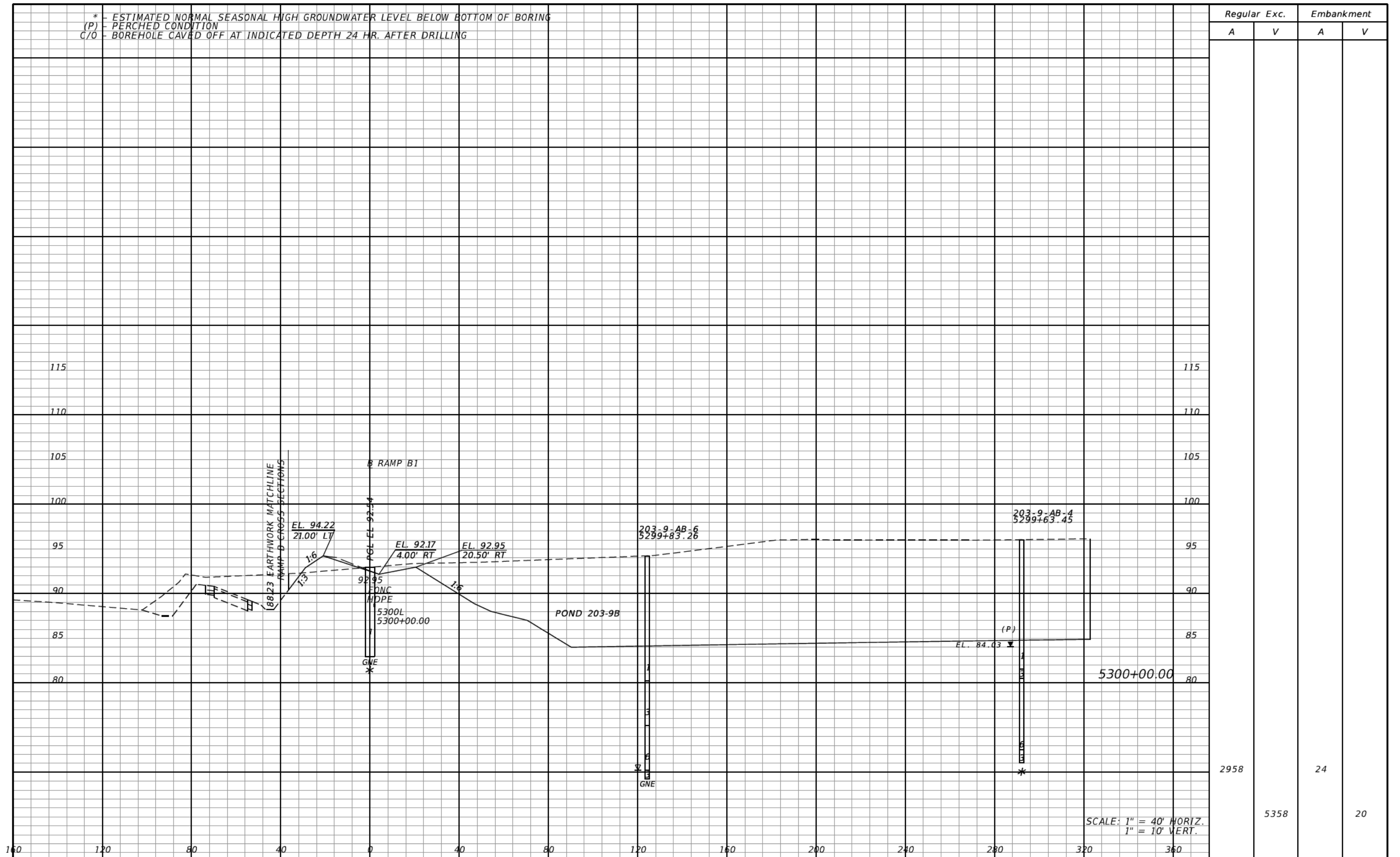
CROSS SECTIONS RAMP B1

SHEET NO.
559

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

Regular Exc.		Embankment	
A	V	A	V
2958		24	
	5358		20

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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ROAD NO. PROJECT NO.
SR 429 429-203



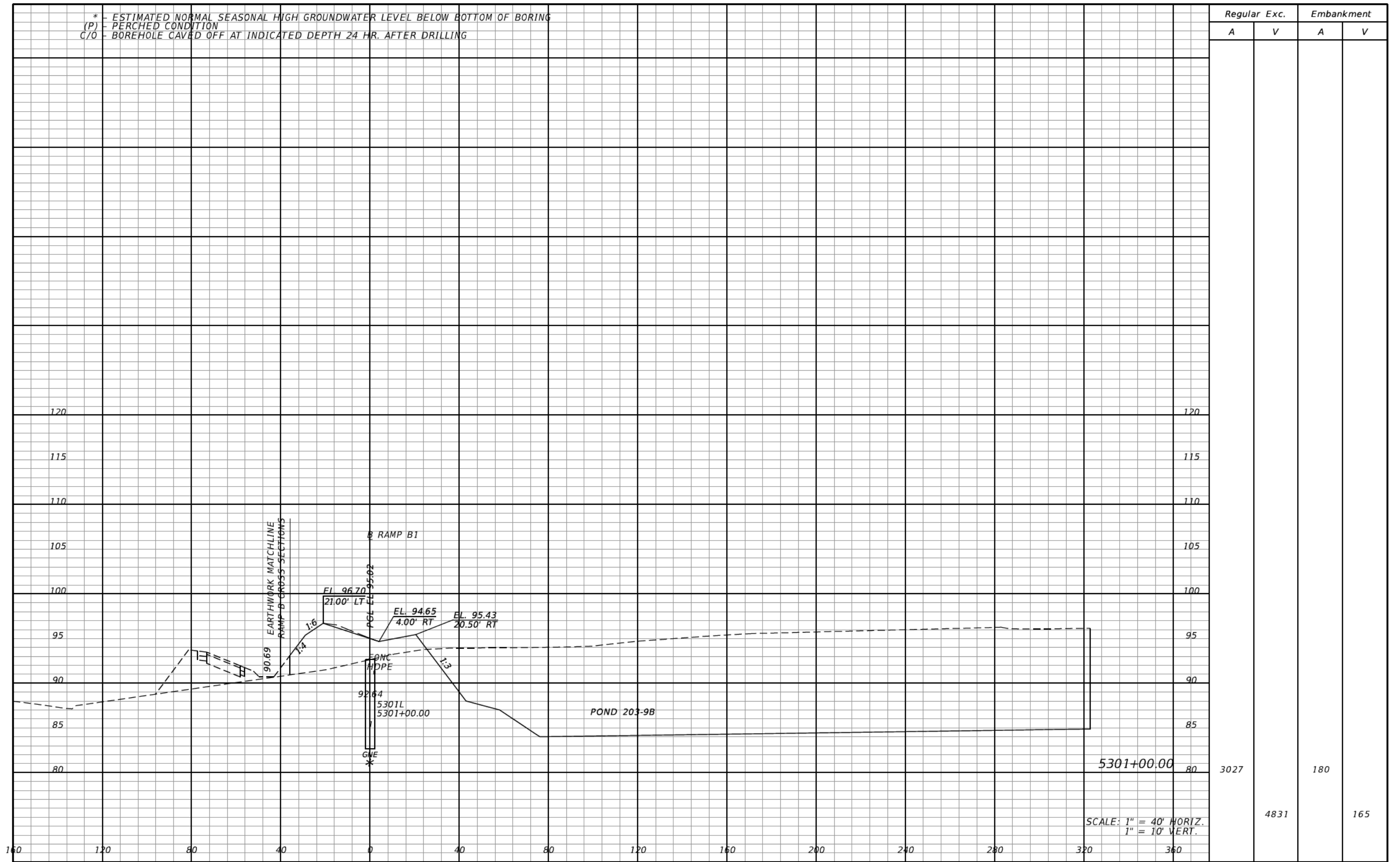
CROSS SECTIONS
RAMP B1

SHEET NO.
560

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



Regular	Exc.	Embankment
A	V	A V
3027		180
	4831	165

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

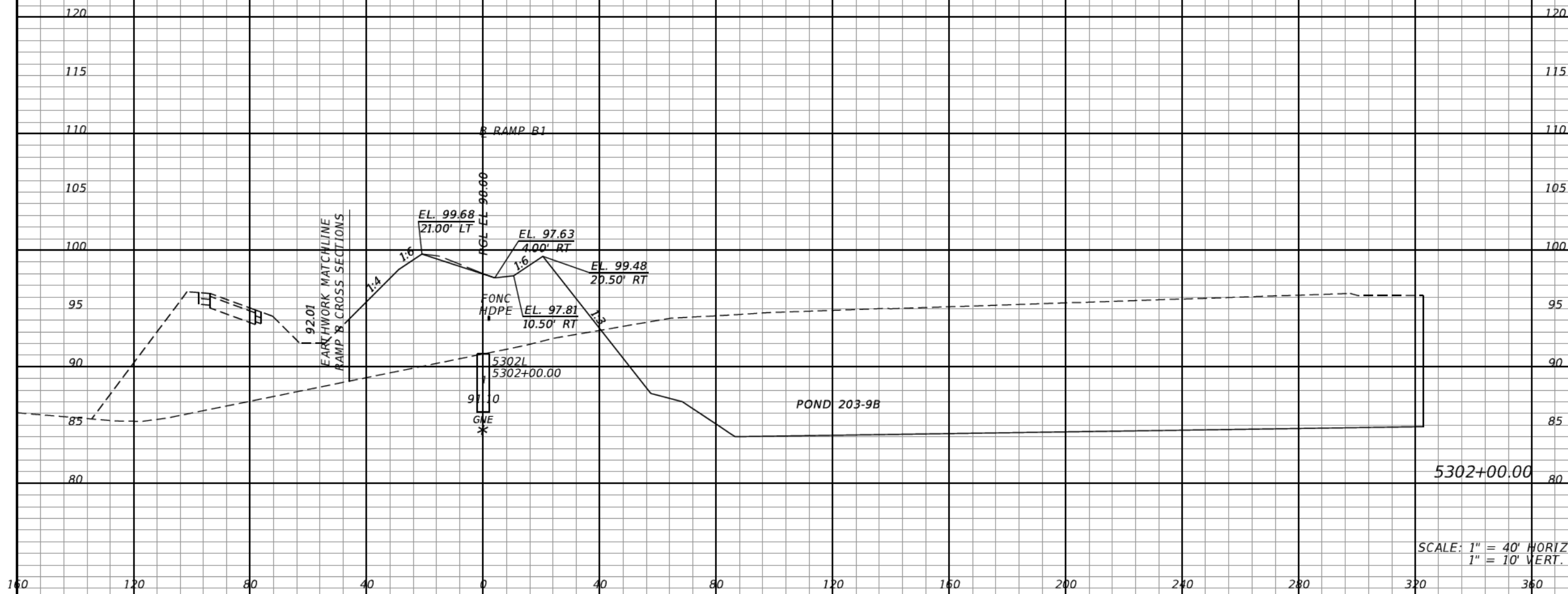


CROSS SECTIONS
RAMP B1

SHEET NO.
561

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
2917		5217		546	644



SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203



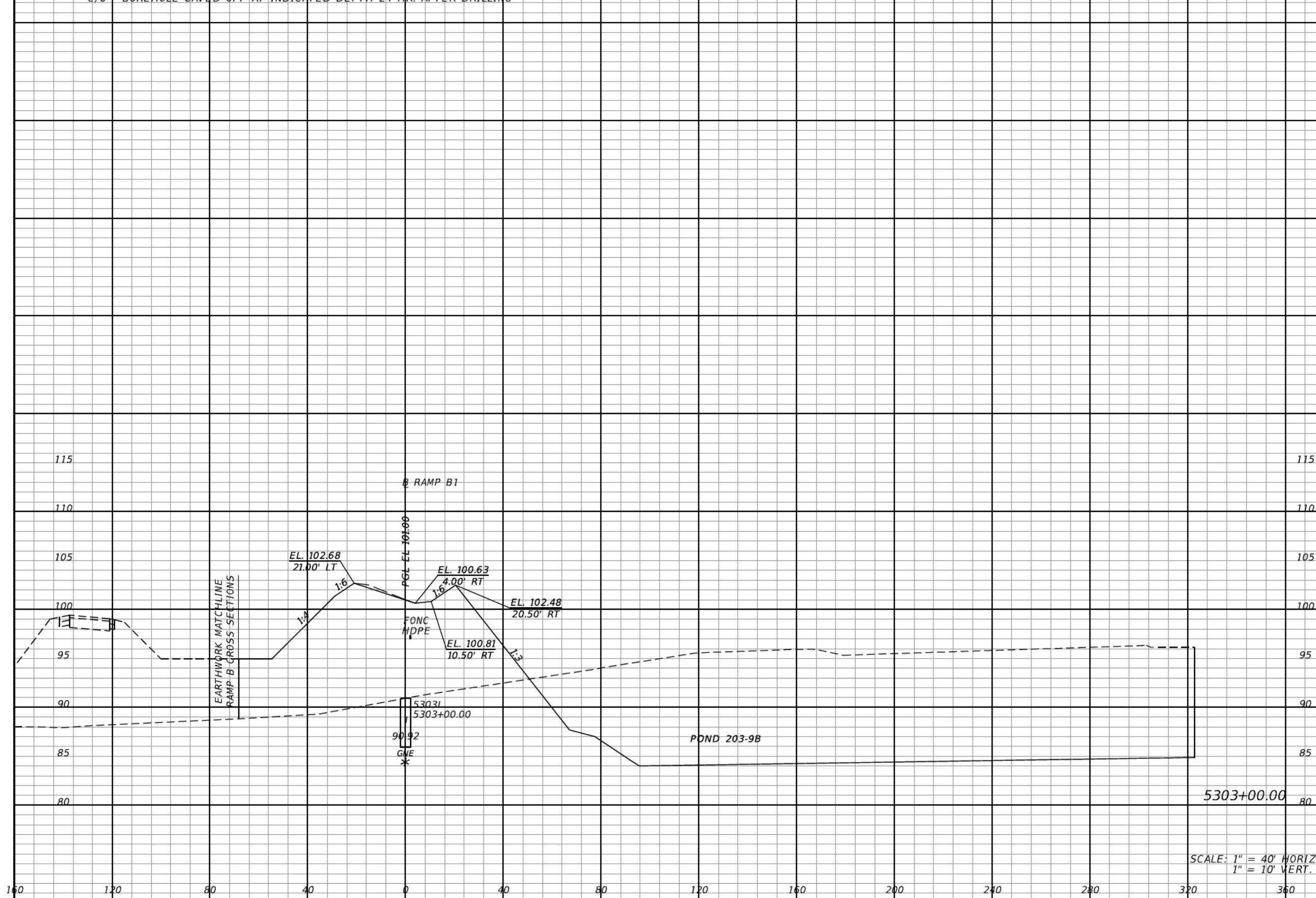
CROSS SECTIONS RAMP B1

SHEET NO. 562

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



2861 974

5682 1495

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



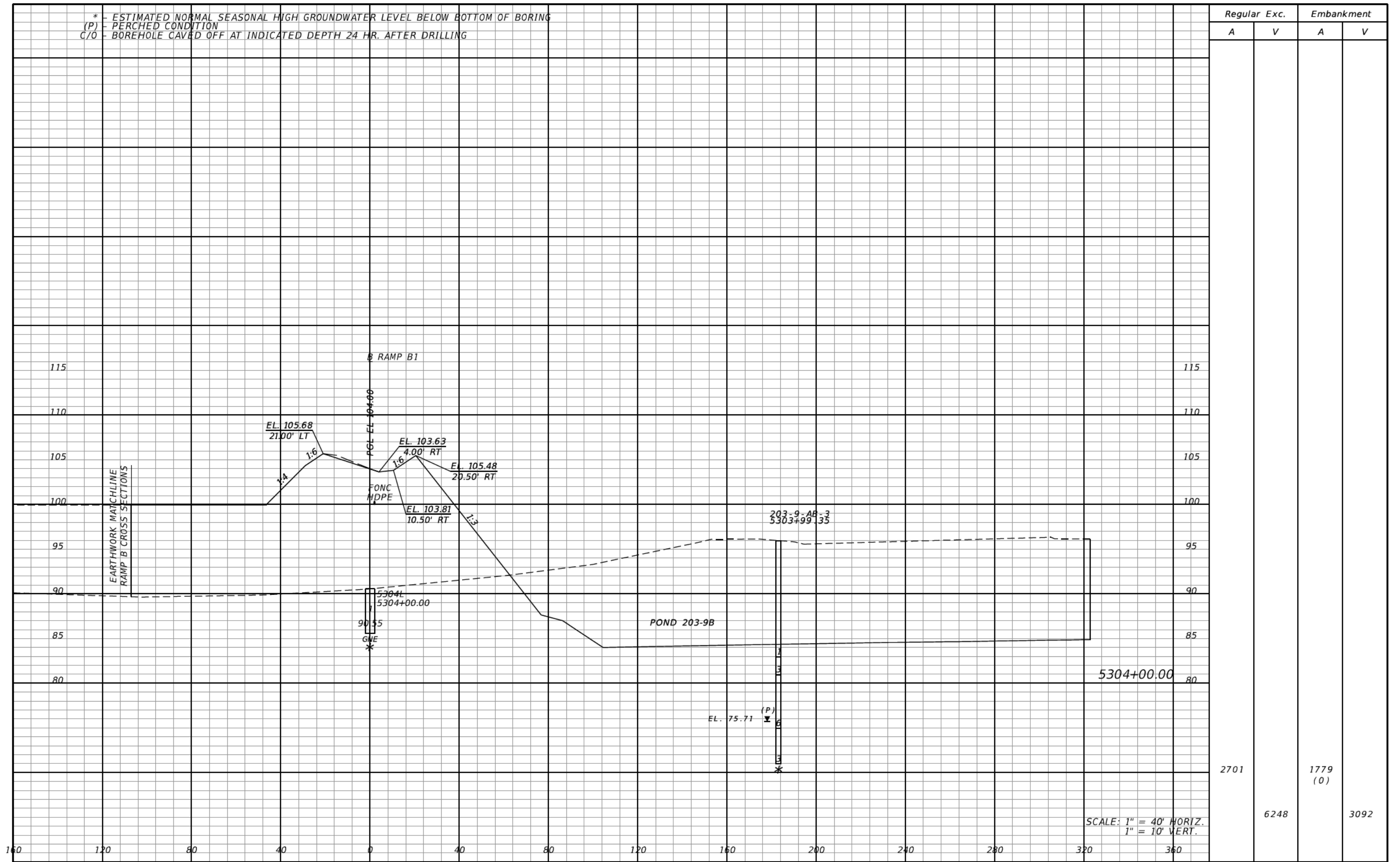
**CROSS SECTIONS
 RAMP B1**

SHEET NO.
563

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



2701 1779
(0)

6248 3092

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203

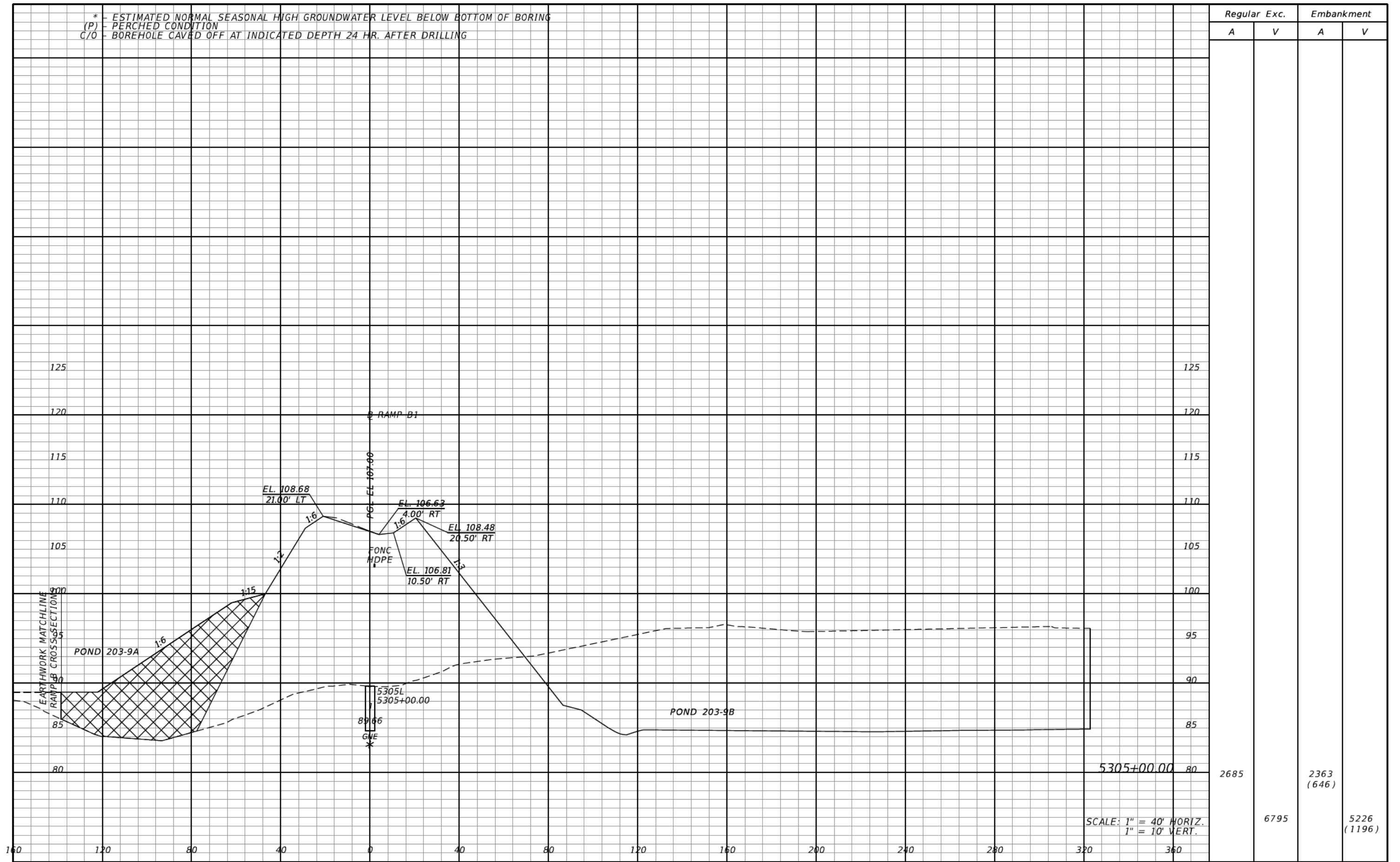


**CROSS SECTIONS
RAMP B1**

SHEET NO.
564

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

Regular Exc.		Embankment	
A	V	A	V
2685		2363 (646)	
	6795		5226 (1196)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

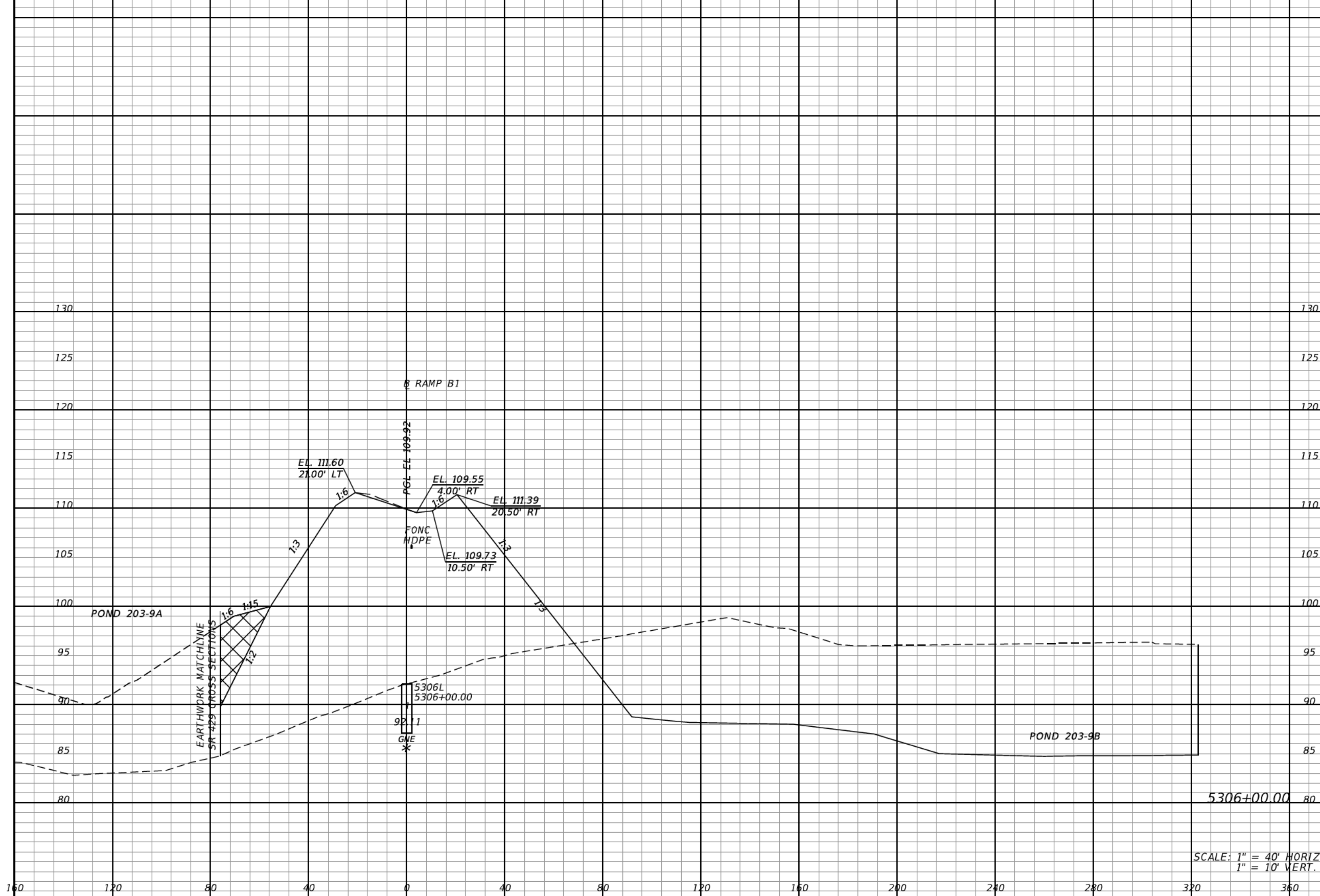


CROSS SECTIONS
RAMP B1

SHEET NO.
565

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
2565				1999 (89)	
	6668				5541 (1361)



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

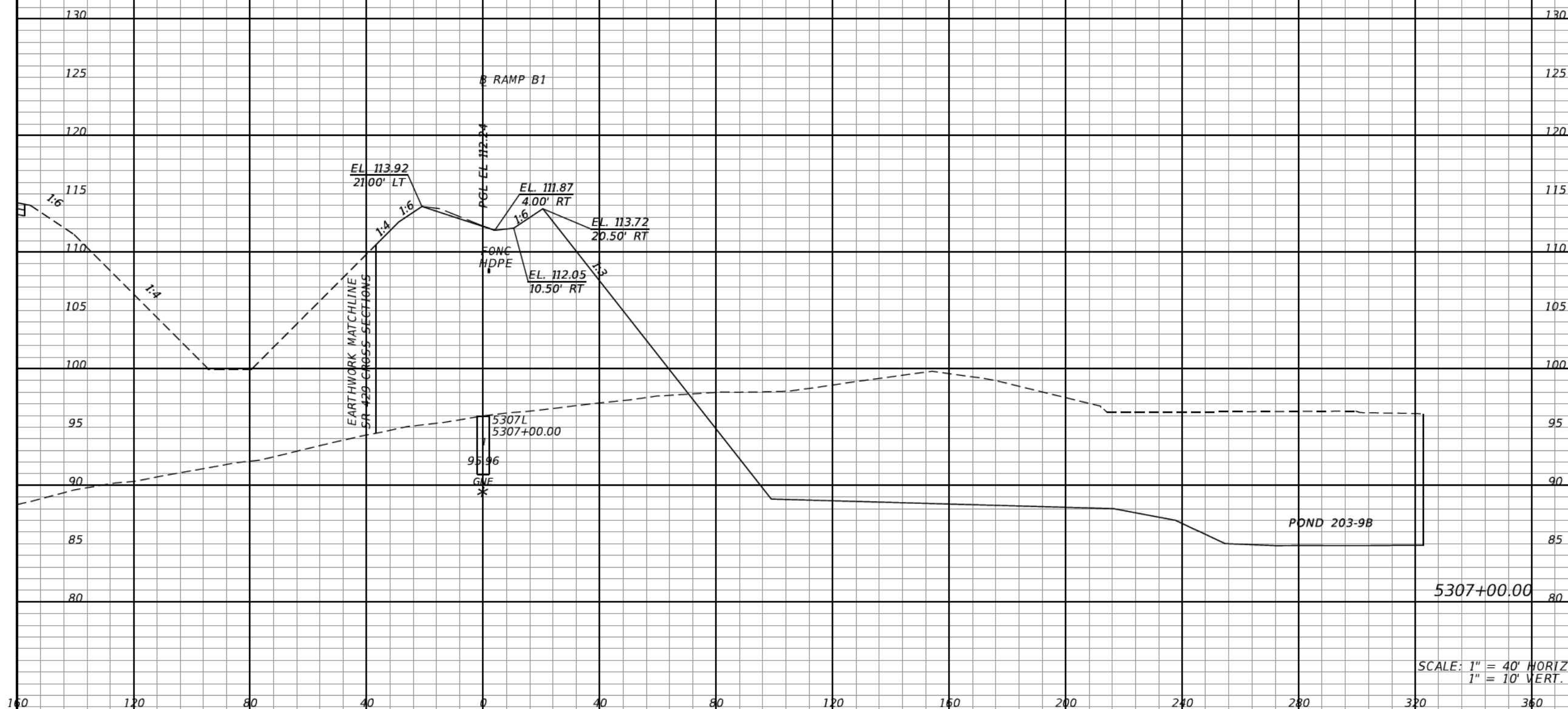


CROSS SECTIONS
 RAMP B1

SHEET NO.
 566

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V



2544	5902	1317	3831 (165)
------	------	------	---------------

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



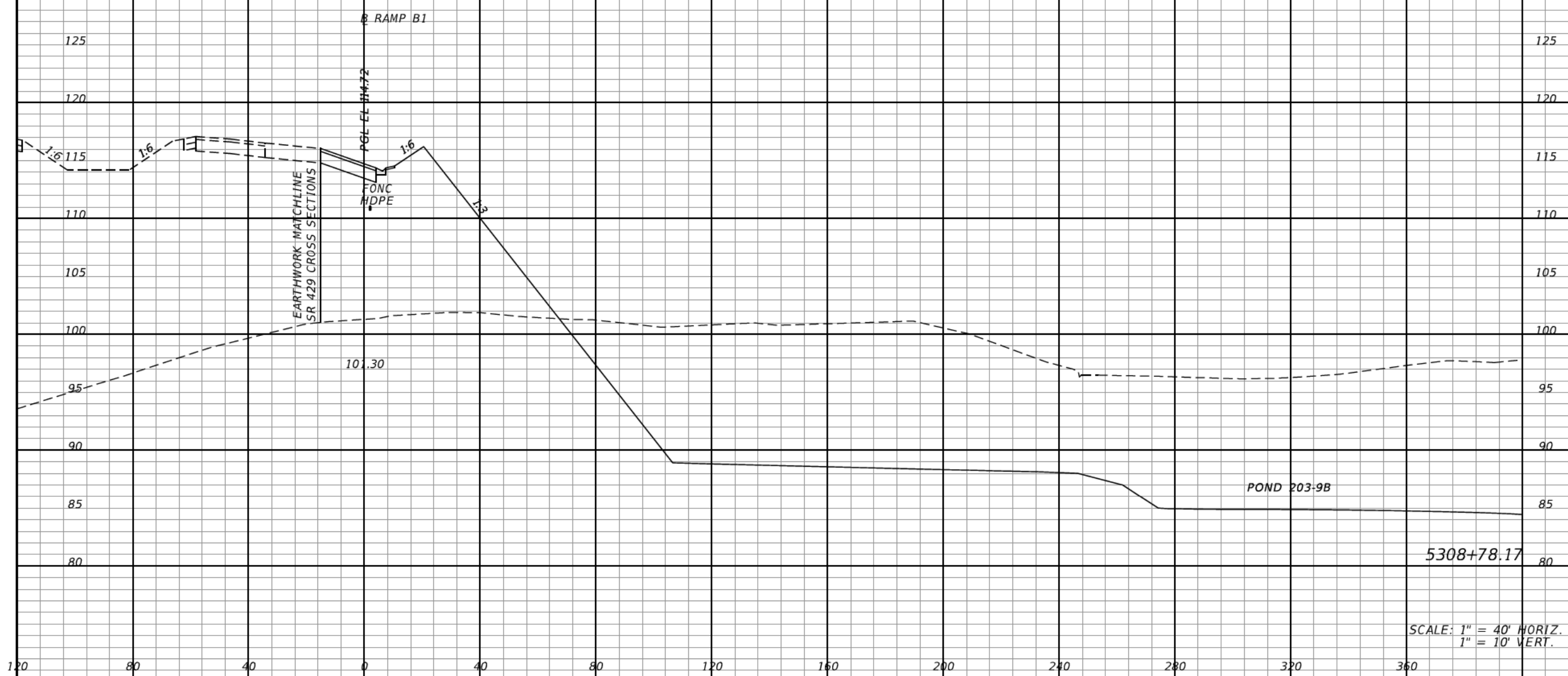
CROSS SECTIONS RAMP B1

SHEET NO.
567

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc.		Embankment	
A	V	A	V
3798	4691	699	1547

SUMMARY OF EARTHWORK		
DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION	78,400	
REGULAR EMBANKMENT	24,605	
(A-3) SELECT EMBANKMENT	(2,722)	



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

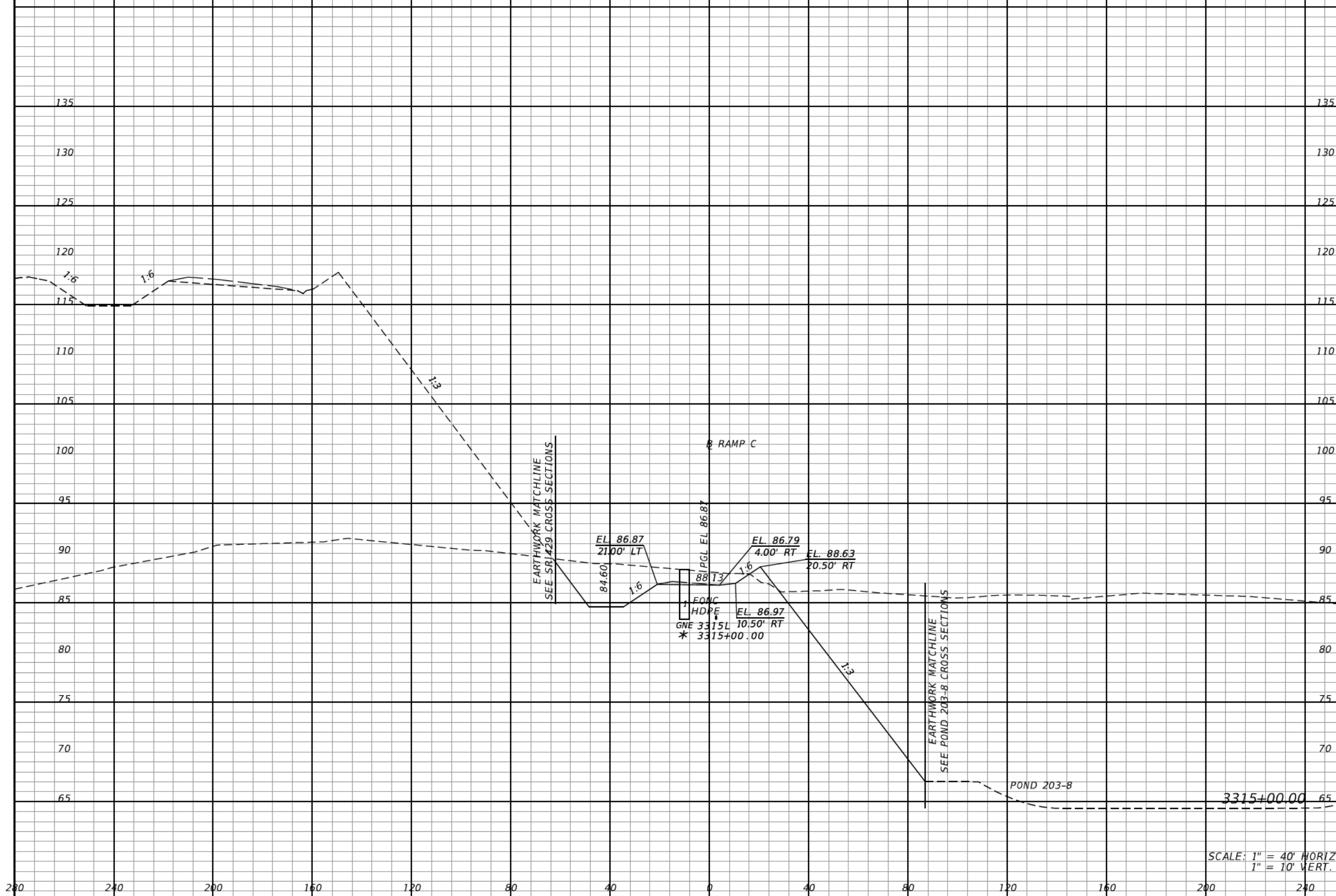


CROSS SECTIONS
RAMP B1

SHEET NO.
569

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

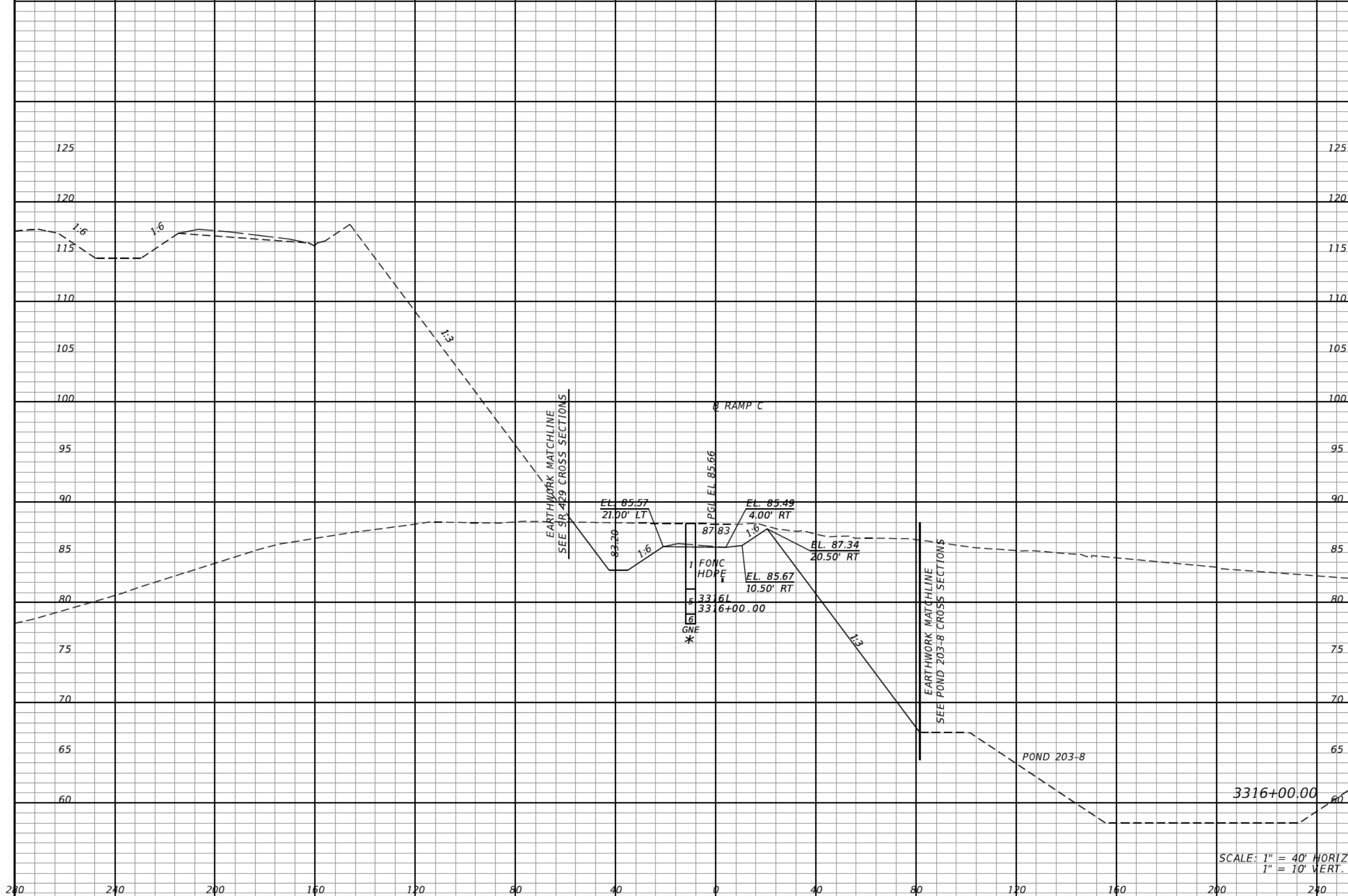
753	1663	8	26
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REVISIONS																
DATE	DESCRIPTION															

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



Regular	Exc.	Embankment	
A	V	A	V
801		0	
	2878		15

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS		DATE	DESCRIPTION
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

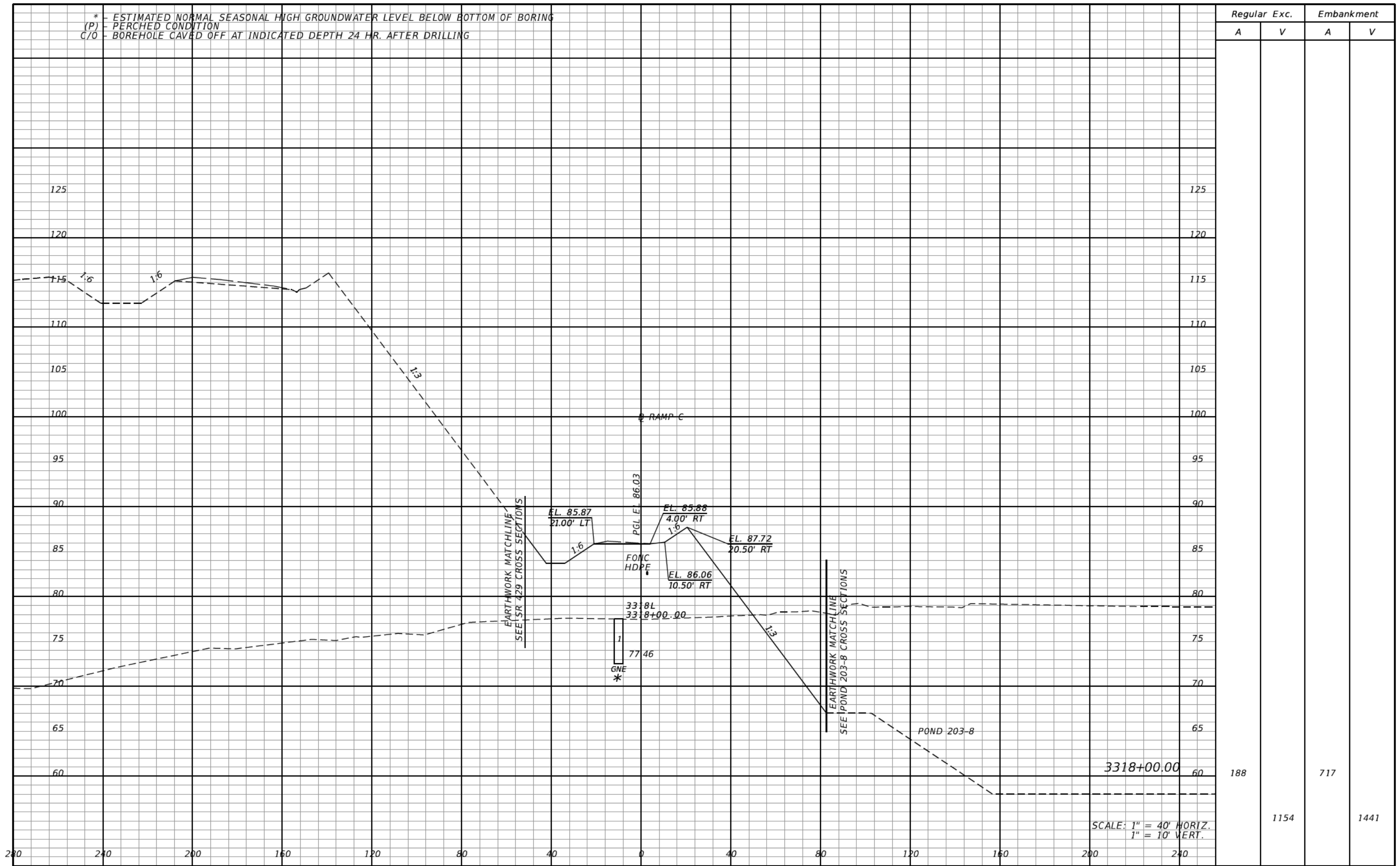
CENTRAL FLORIDA
EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



CROSS SECTIONS RAMP C

SHEET NO. 572

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular	Exc.	Embankment	
		A	V
188	1154	717	1441

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

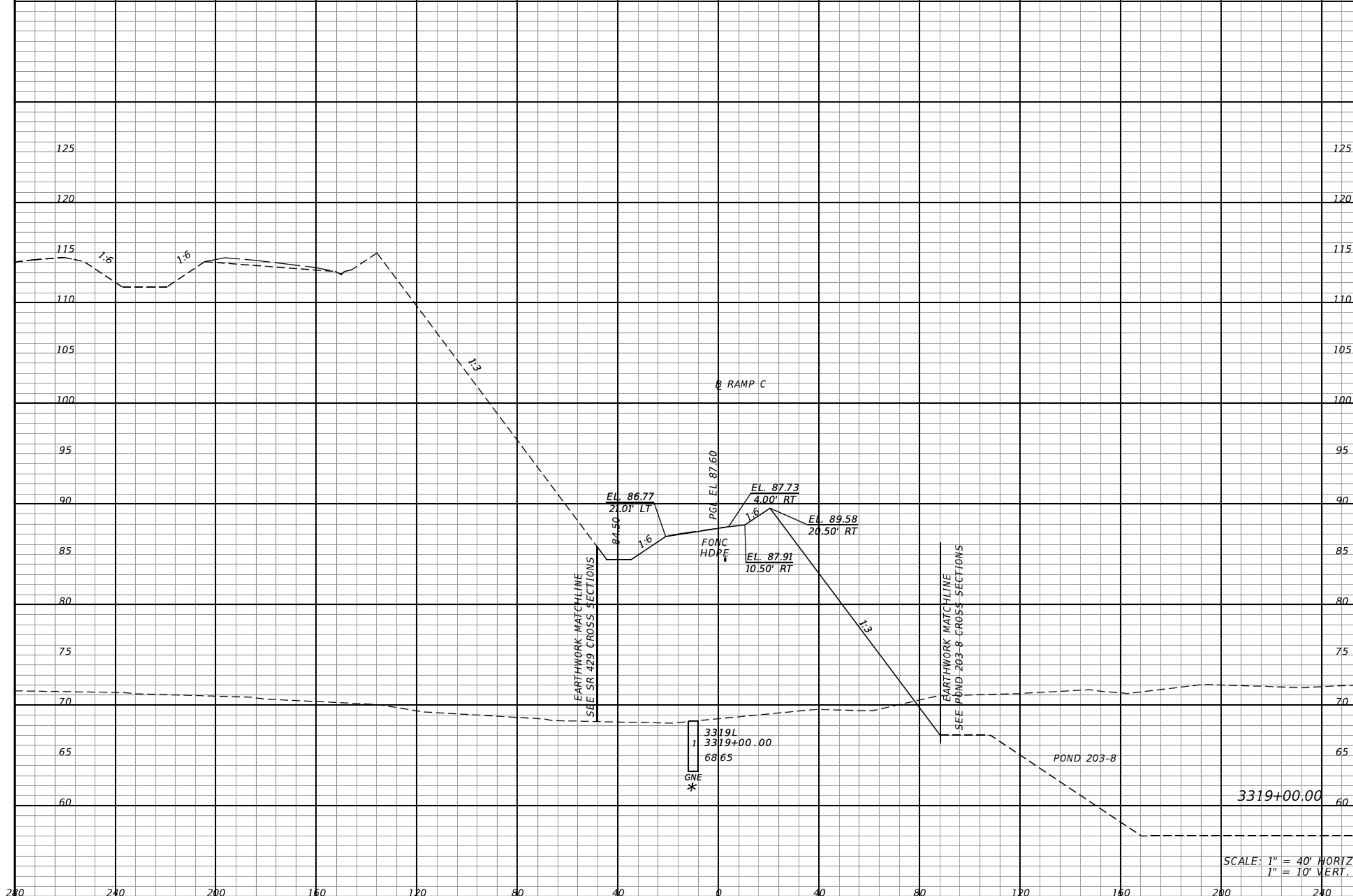
CFX

CROSS SECTIONS RAMP C

SHEET NO.
574

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



Station	Regular Exc.		Embankment	
	A	V	A	V
3319+00.00	20		1846	
		285		4746

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203



**CROSS SECTIONS
RAMP C**

SHEET NO.
575

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				2886	
	37				8763



3320+00.00

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

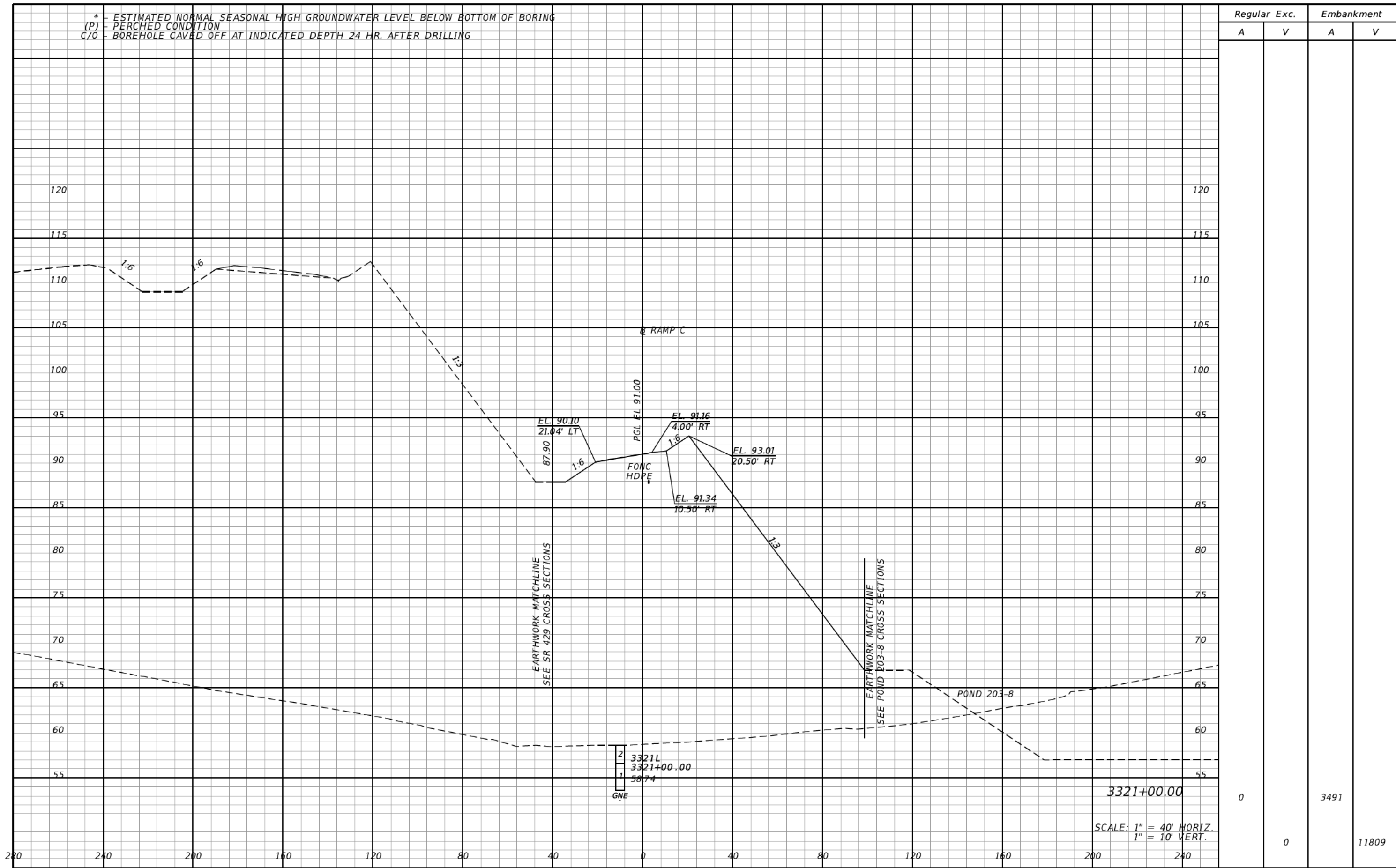
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS RAMP C

SHEET NO. 576

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
0				3491	
	0				11809

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

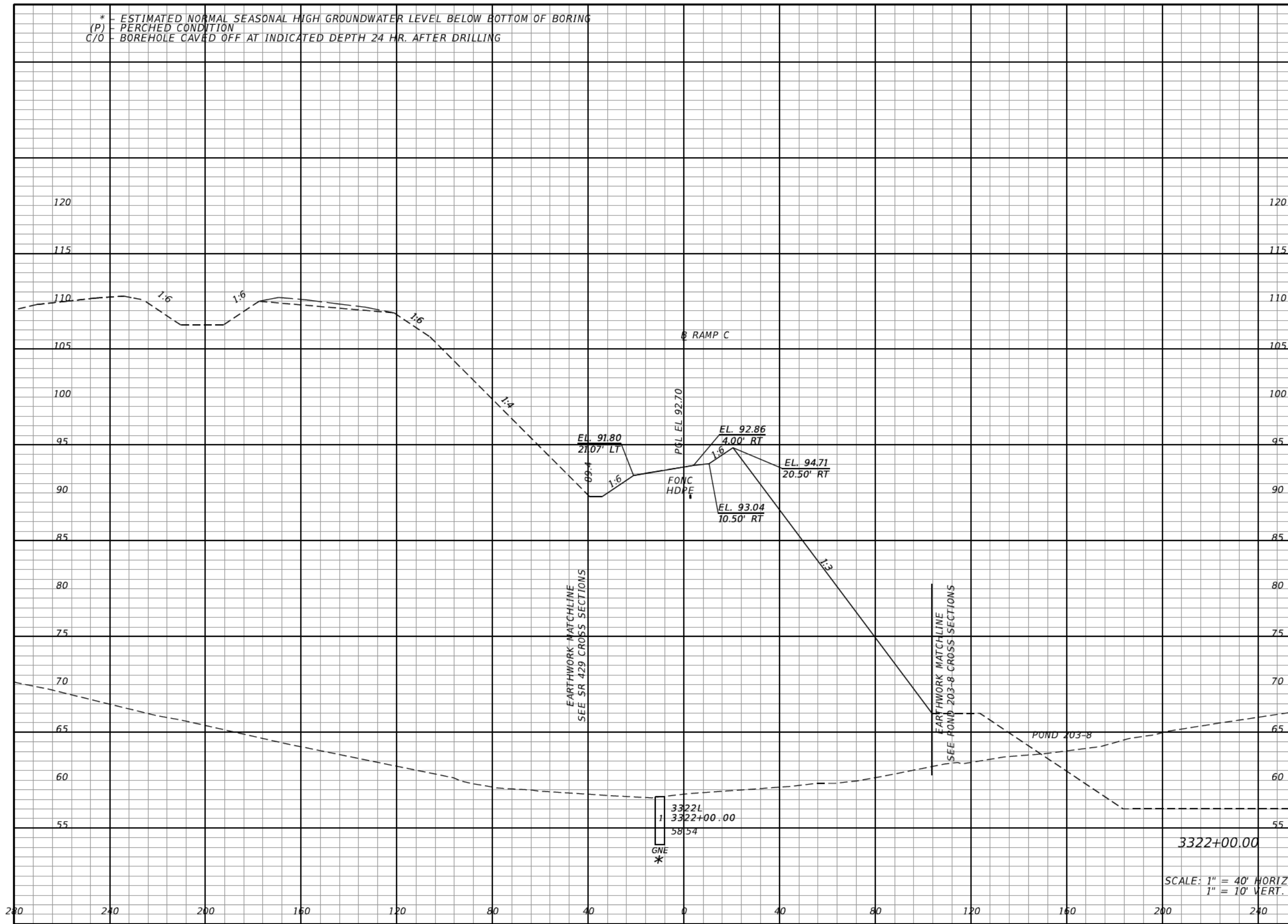


CROSS SECTIONS RAMP C

SHEET NO. 577

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				3774	
	0				13454



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

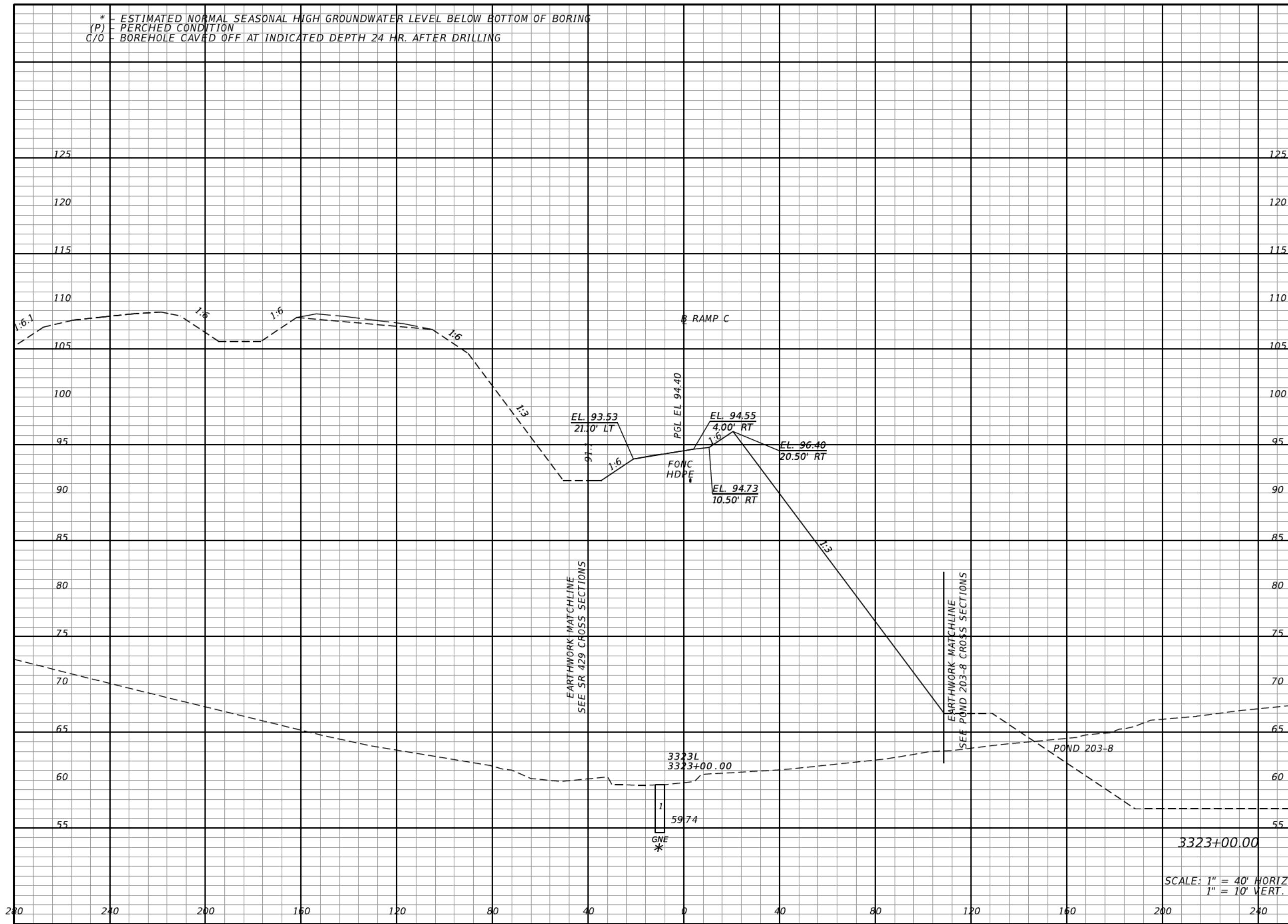


CROSS SECTIONS RAMP C

SHEET NO. 578

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				3802	
	0				14030



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

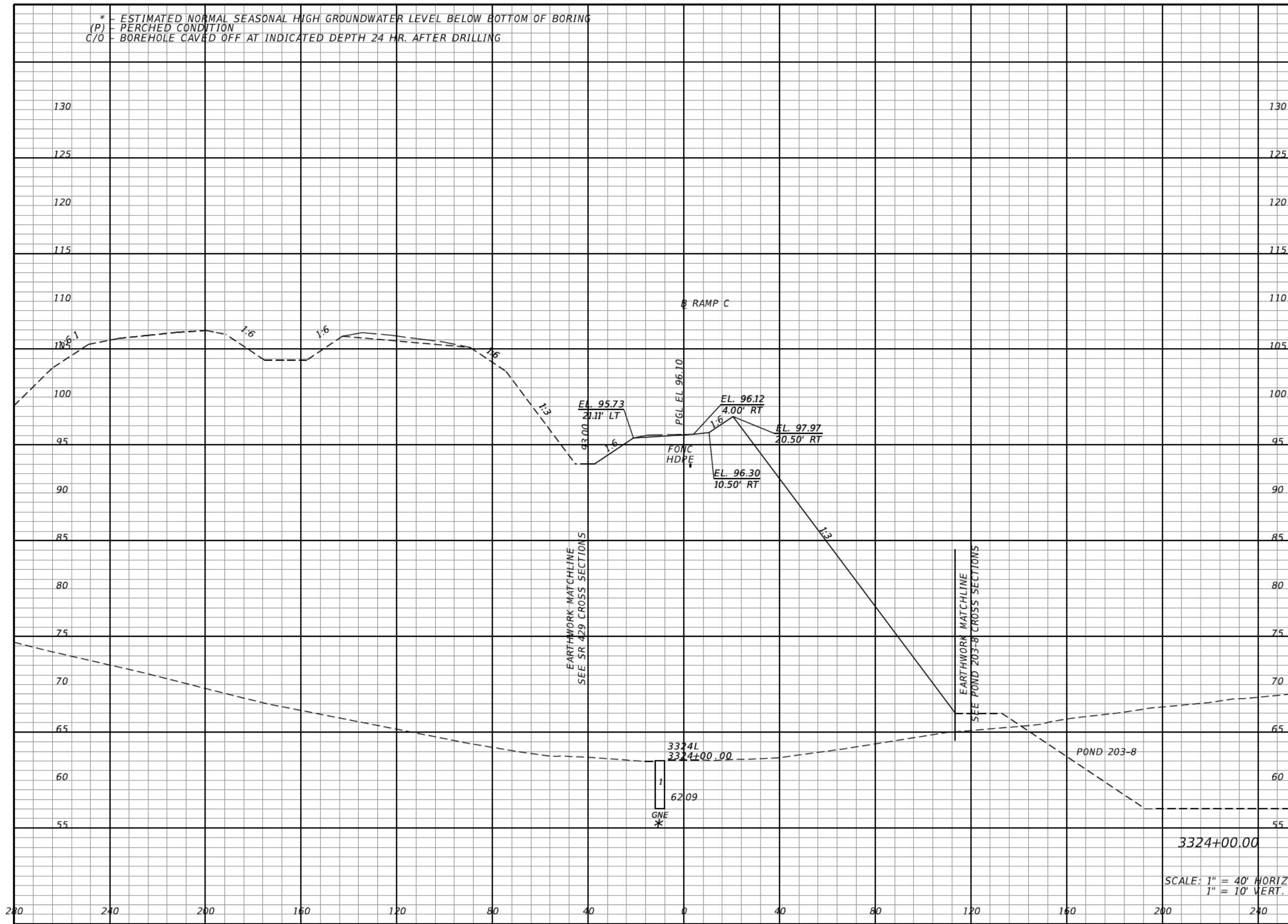


CROSS SECTIONS RAMP C

SHEET NO. 579

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				3800	
	0				14078



3324+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

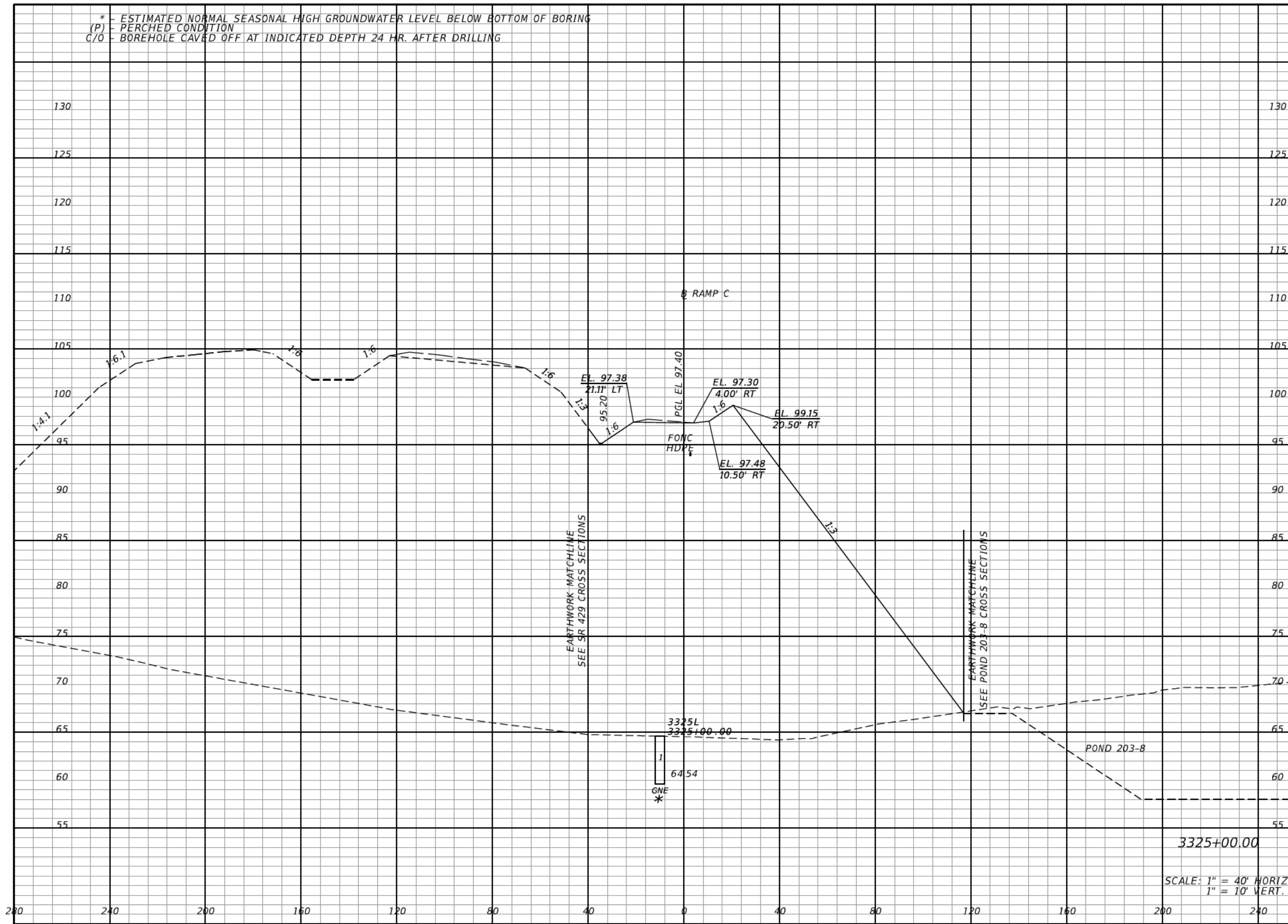


CROSS SECTIONS RAMP C

SHEET NO. 580

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				3680	
	0				13852



3325+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

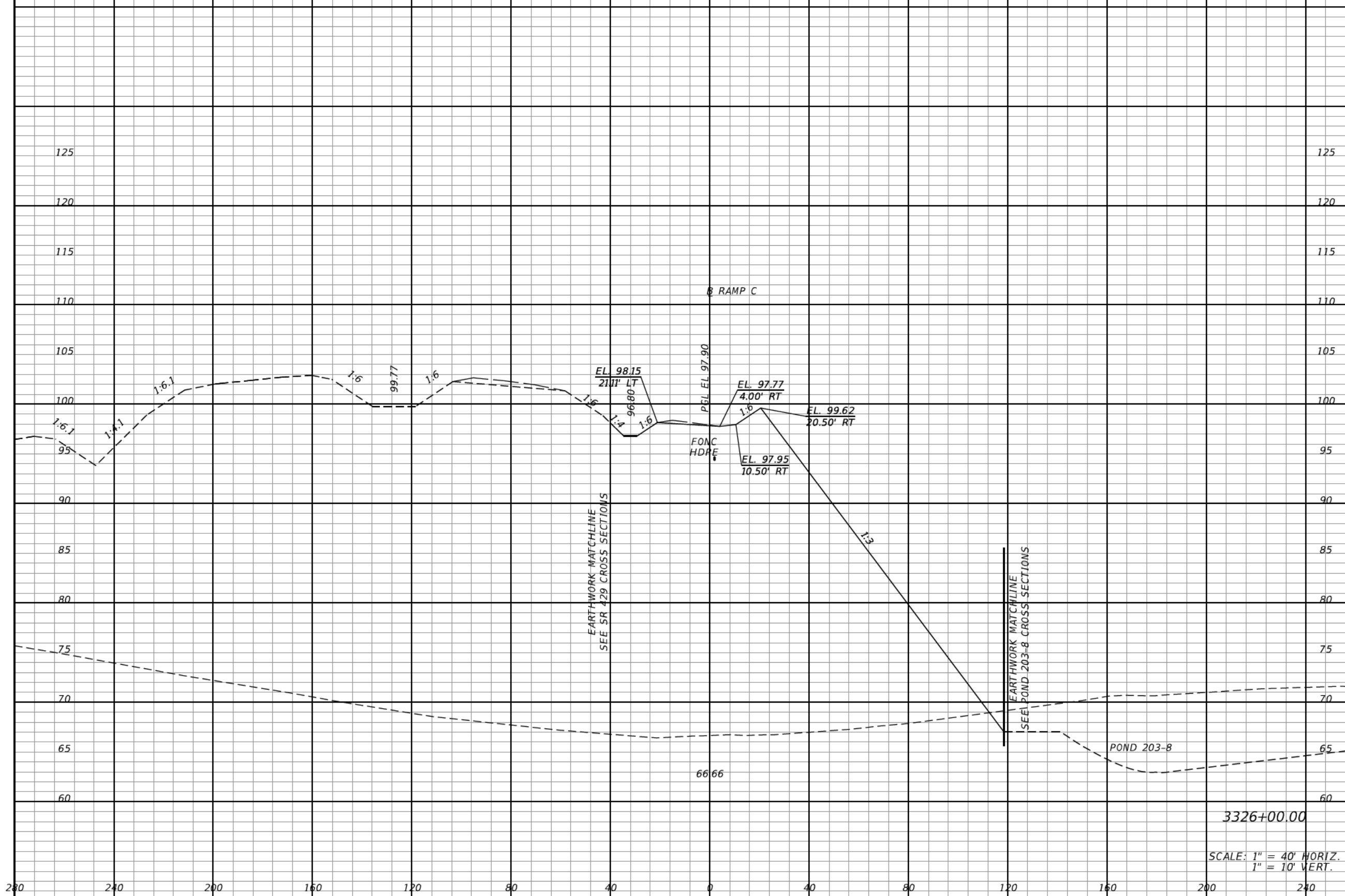


**CROSS SECTIONS
RAMP C**

SHEET NO.
581

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



Regular Exc.	Exc.	Embankment	
A	V	A	V
6		3425	
	11		13157

3326+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



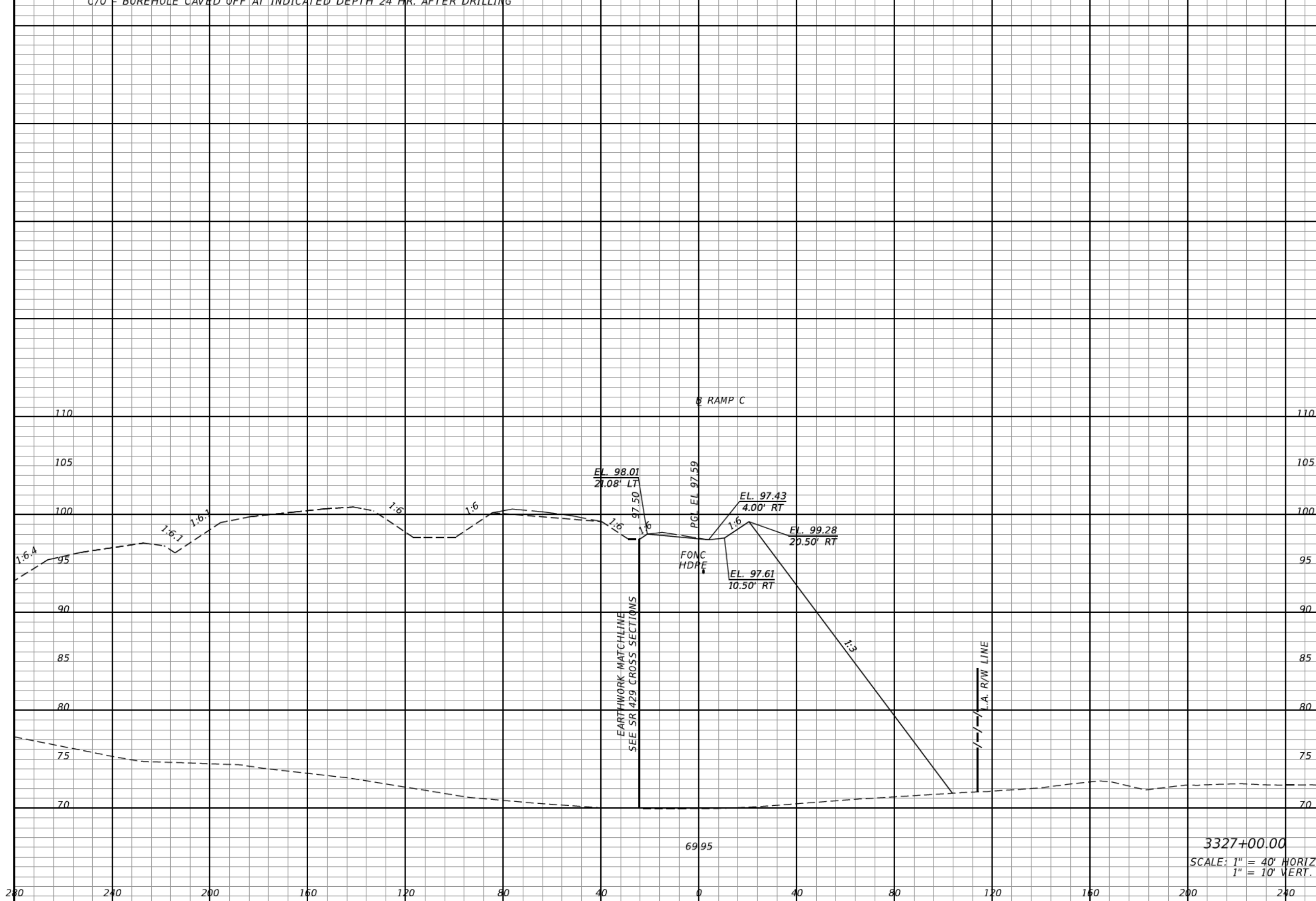
CROSS SECTIONS RAMP C

SHEET NO. 582

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



3327+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

0	11	2463	10904
---	----	------	-------

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
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ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

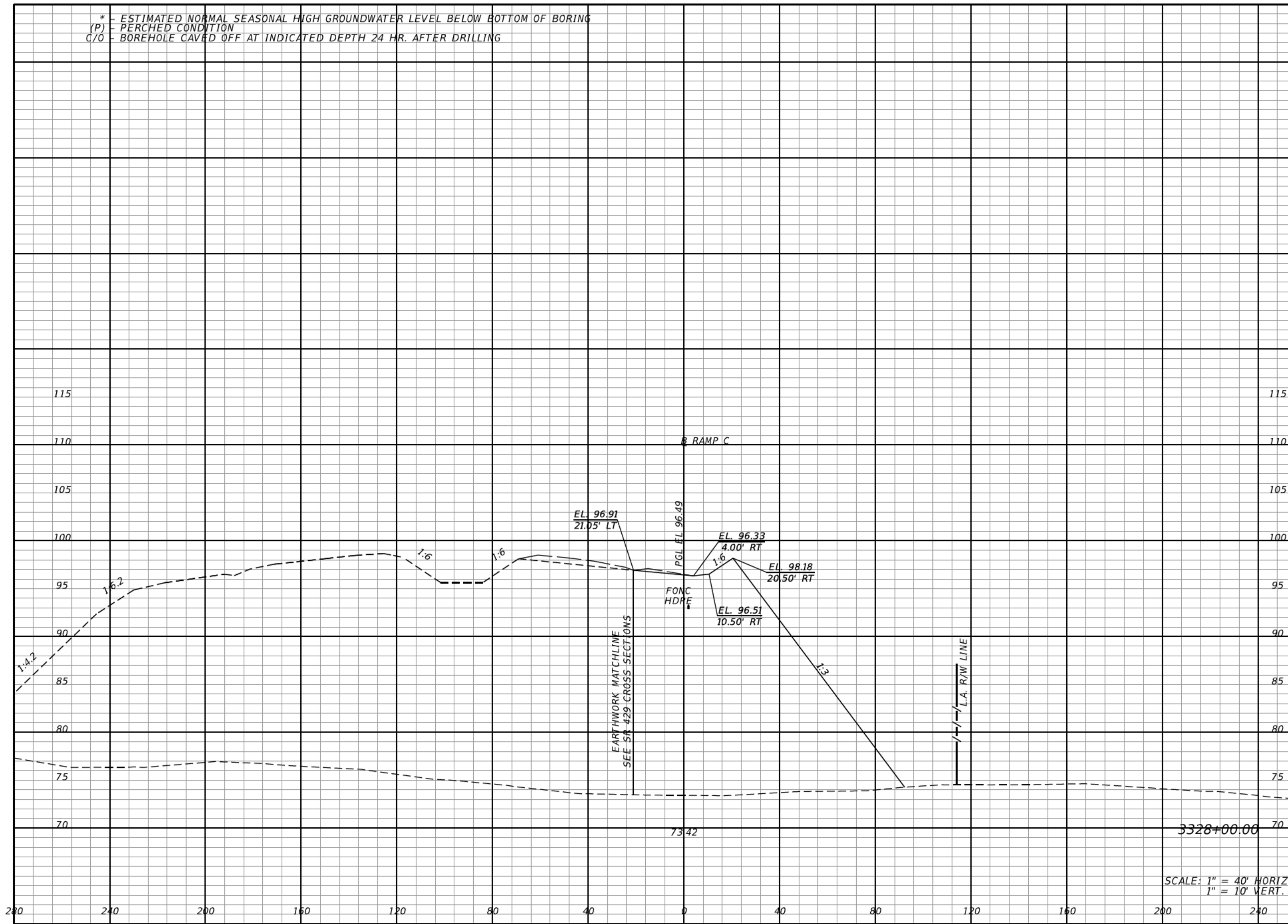


CROSS SECTIONS RAMP C

SHEET NO. 583

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				1860	
	0				8006



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
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CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



**CROSS SECTIONS
RAMP C**

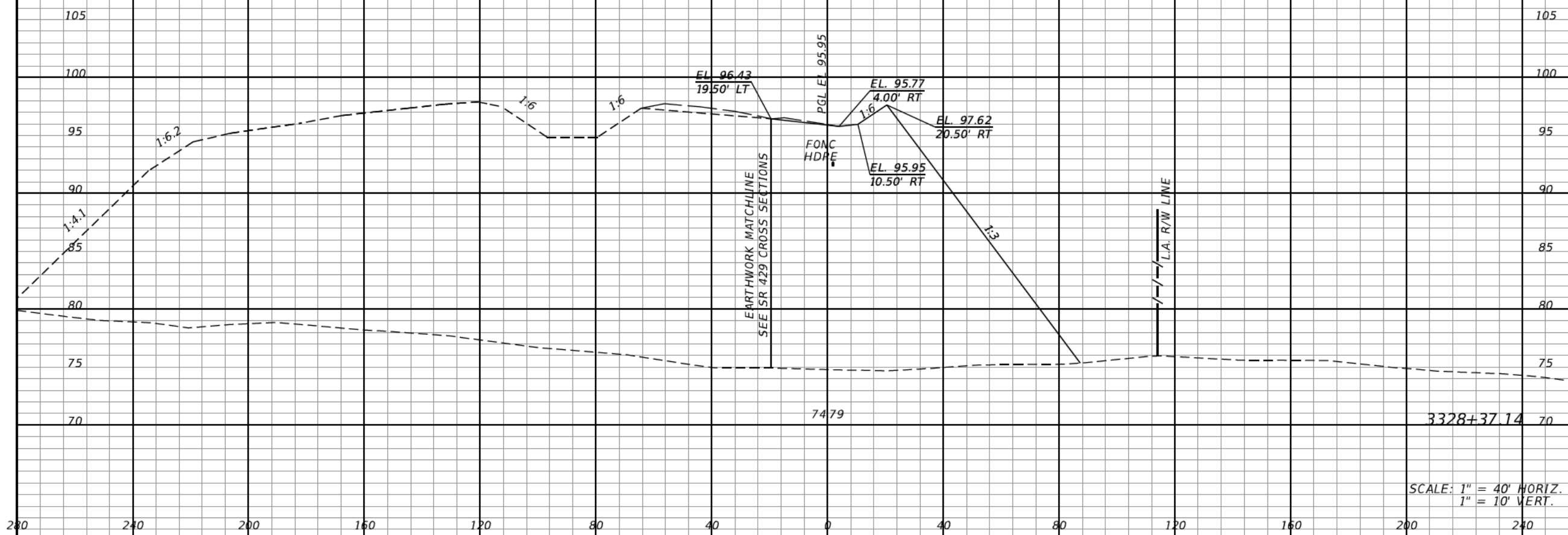
SHEET NO.
584

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

SUMMARY OF EARTHWORK

DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION	8,428	
REGULAR EMBANKMENT	116,787	

Regular Exc.		Embankment	
A	V	A	V
0	0	1619	2393



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ORLANDO, FL 32801
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

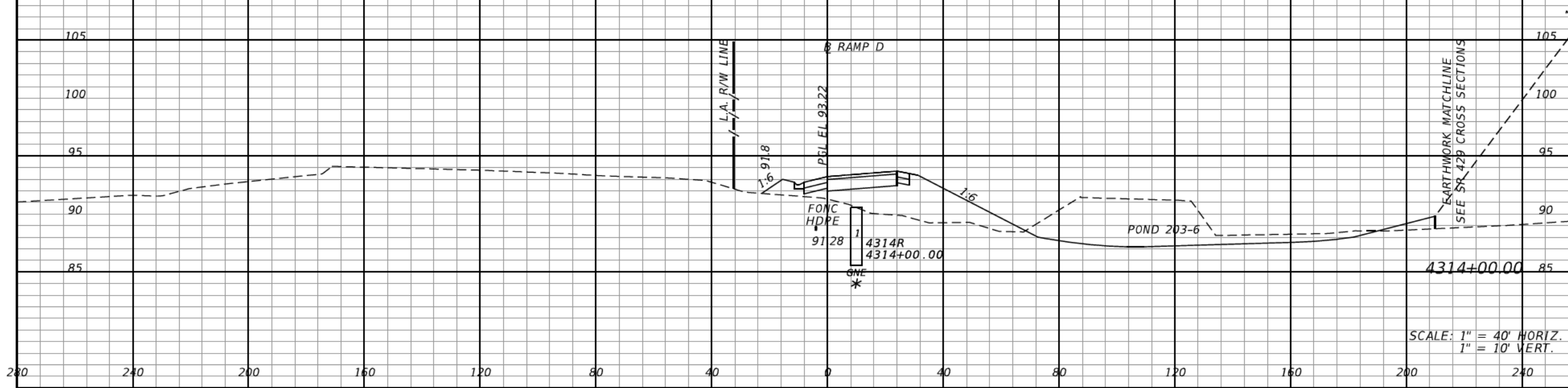


CROSS SECTIONS RAMP C

SHEET NO.
585

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
251				167	(0)
		0			0
					(0)



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS RAMP D

SHEET NO. 586

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

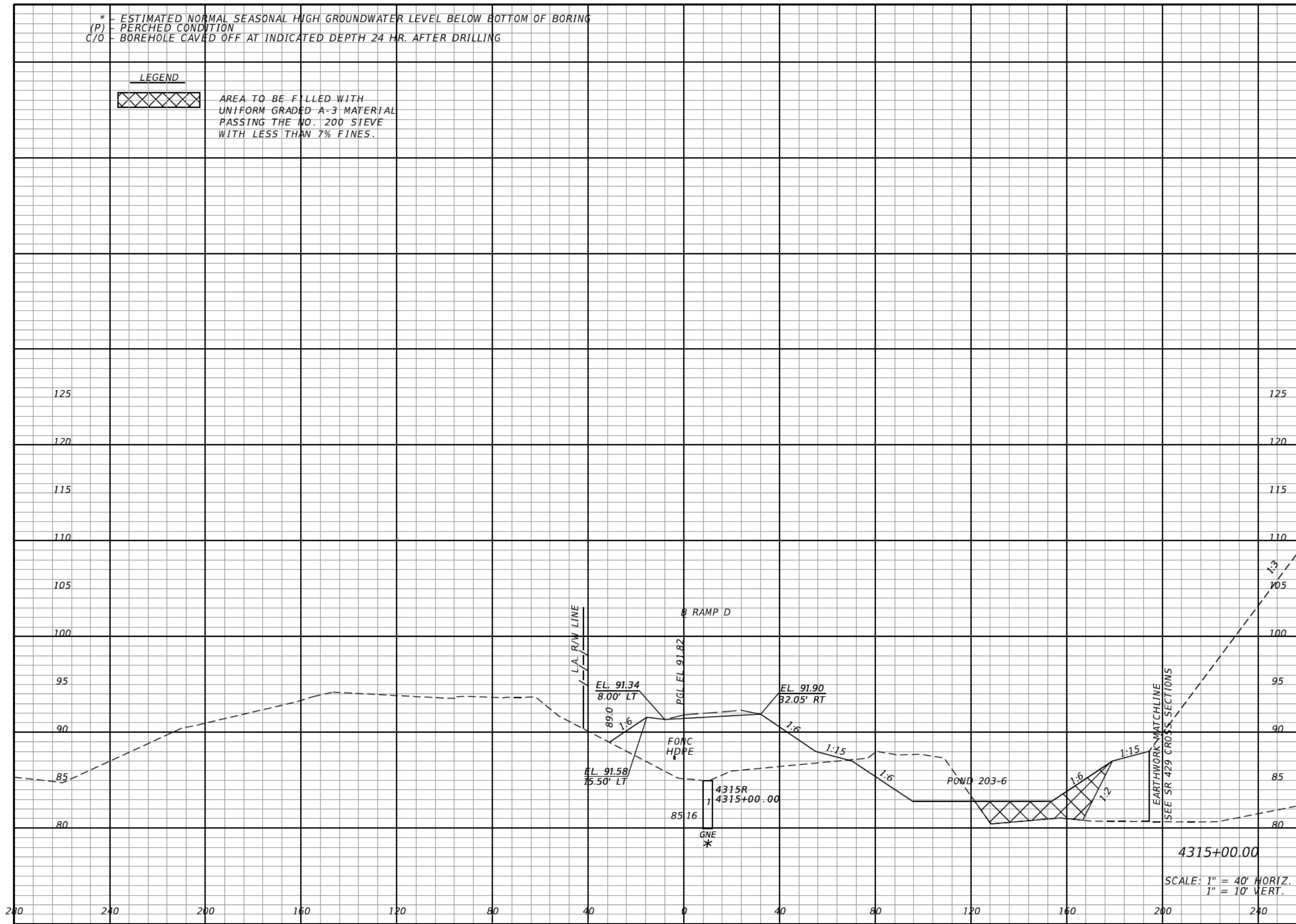
Regular Exc. Embankment

A V A V

LEGEND



AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



4315+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

160	673 (124)	1556 (230)
761		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203



CROSS SECTIONS RAMP D

SHEET NO.
587

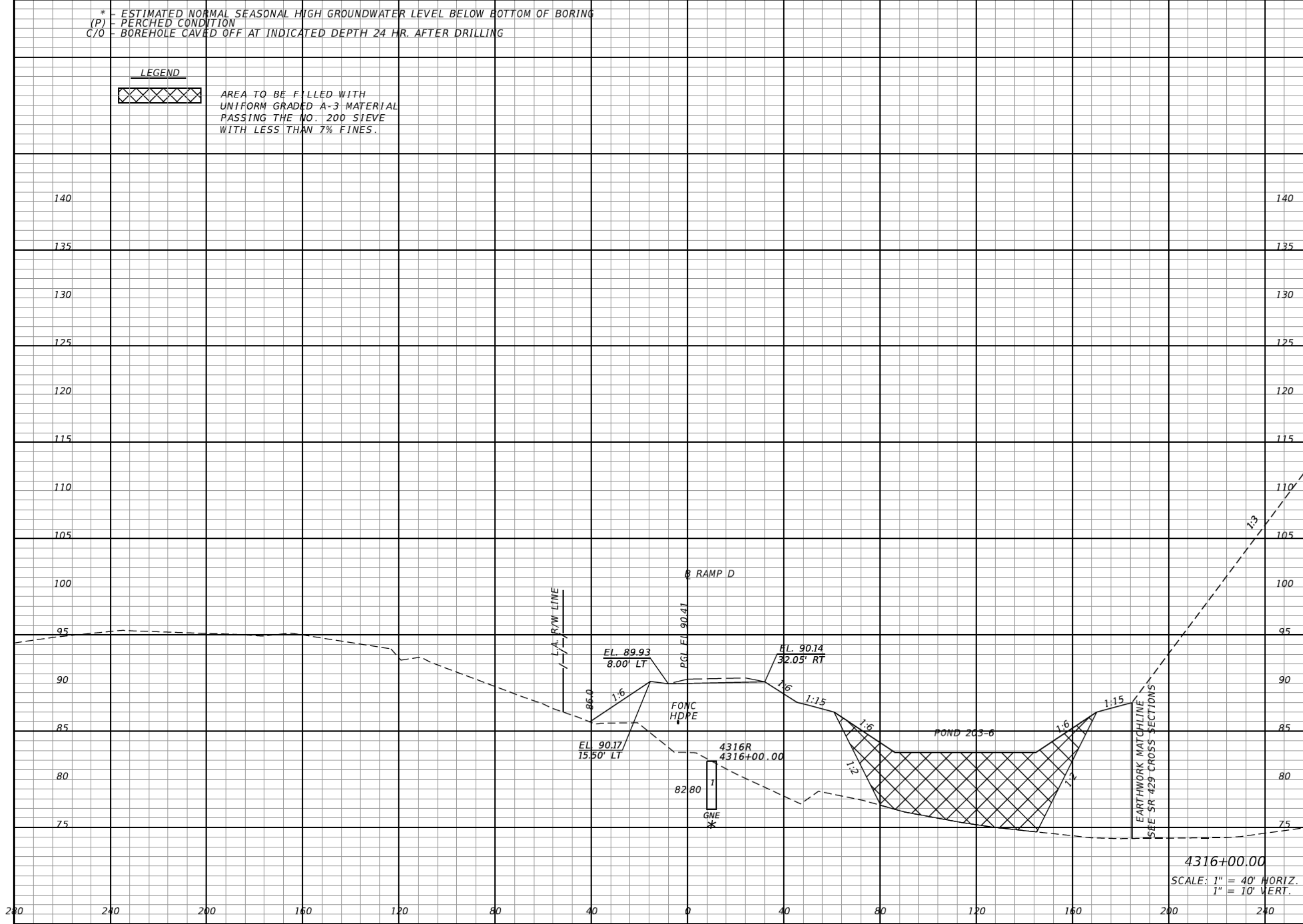
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V

LEGEND



AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0		296		1806	4591
				(631)	(1398)

4316+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203




CROSS SECTIONS RAMP D

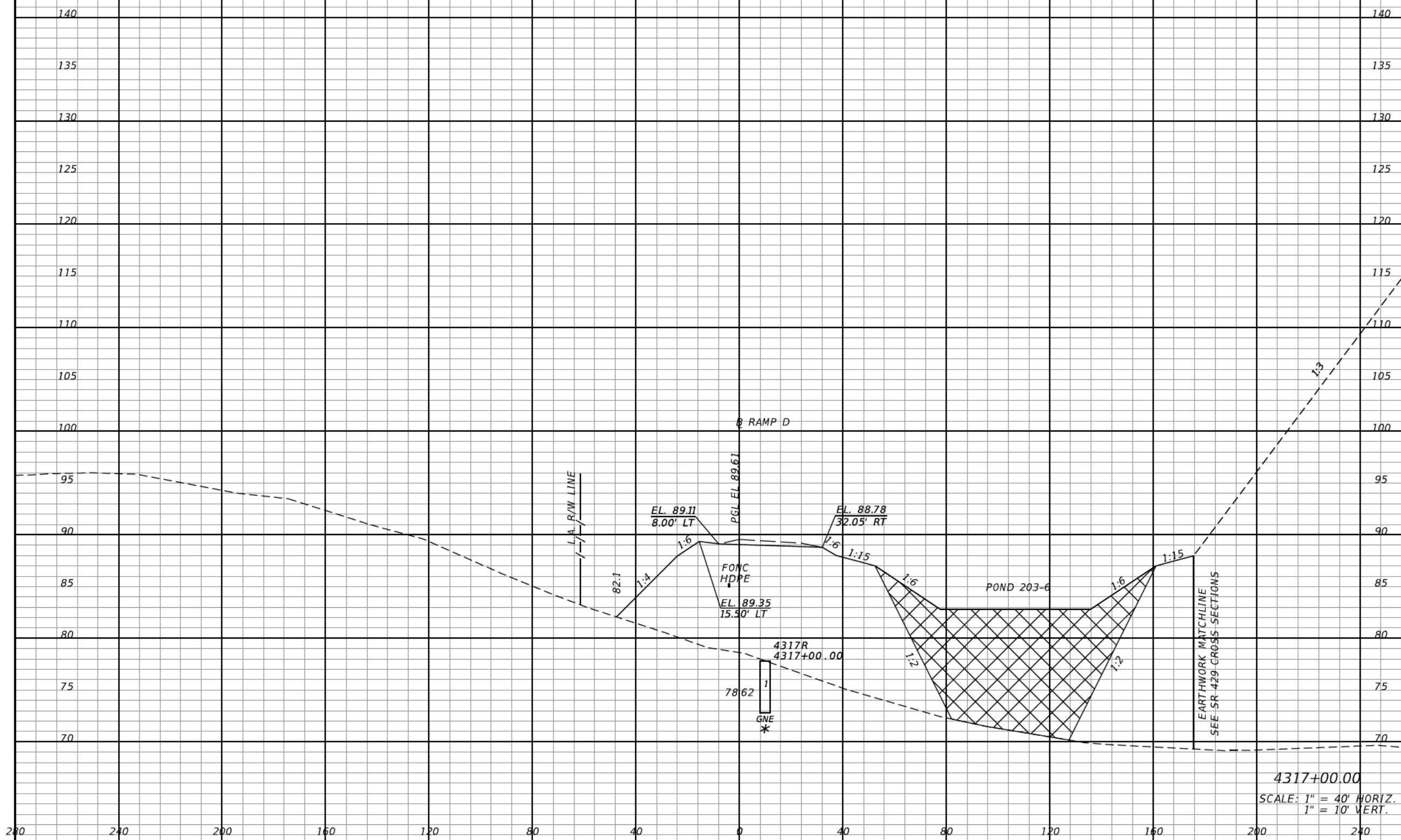
SHEET NO. 588

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V

LEGEND

 AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



Regular		Exc.		Embankment	
A	V	A	V	A	V
				2581	8124
				(872)	(2783)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
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ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS RAMP D

SHEET NO. 589

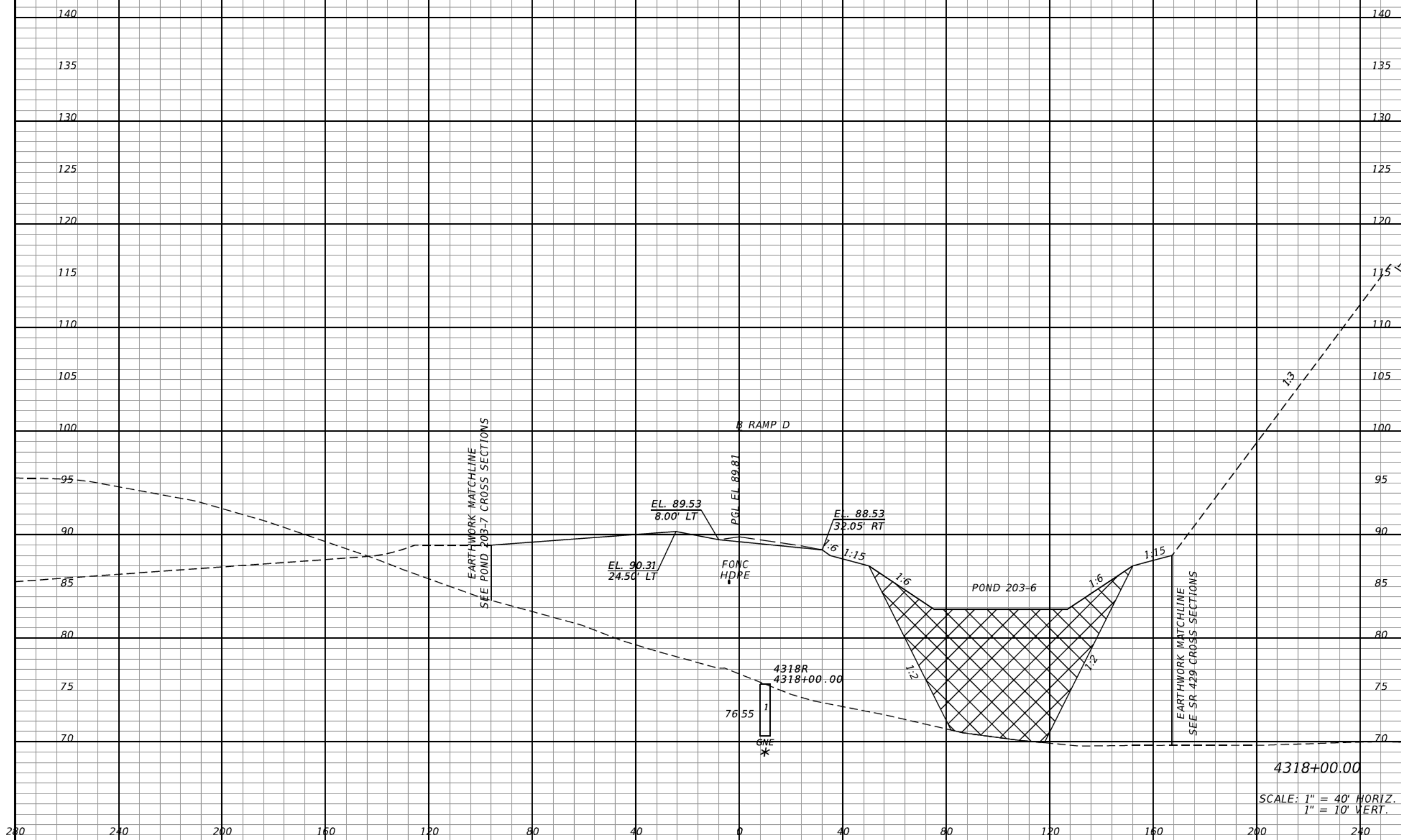
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V

LEGEND



AREA TO BE FILLED WITH
UNIFORM GRADED A-3 MATERIAL
PASSING THE NO. 200 SIEVE
WITH LESS THAN 7% FINES.



Regular Exc.		Embankment	
A	V	A	V
0	0	3236 (820)	10772 (3133)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
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CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**
ROAD NO. PROJECT NO.
SR 429 429-203



**CROSS SECTIONS
RAMP D**

SHEET NO.
590

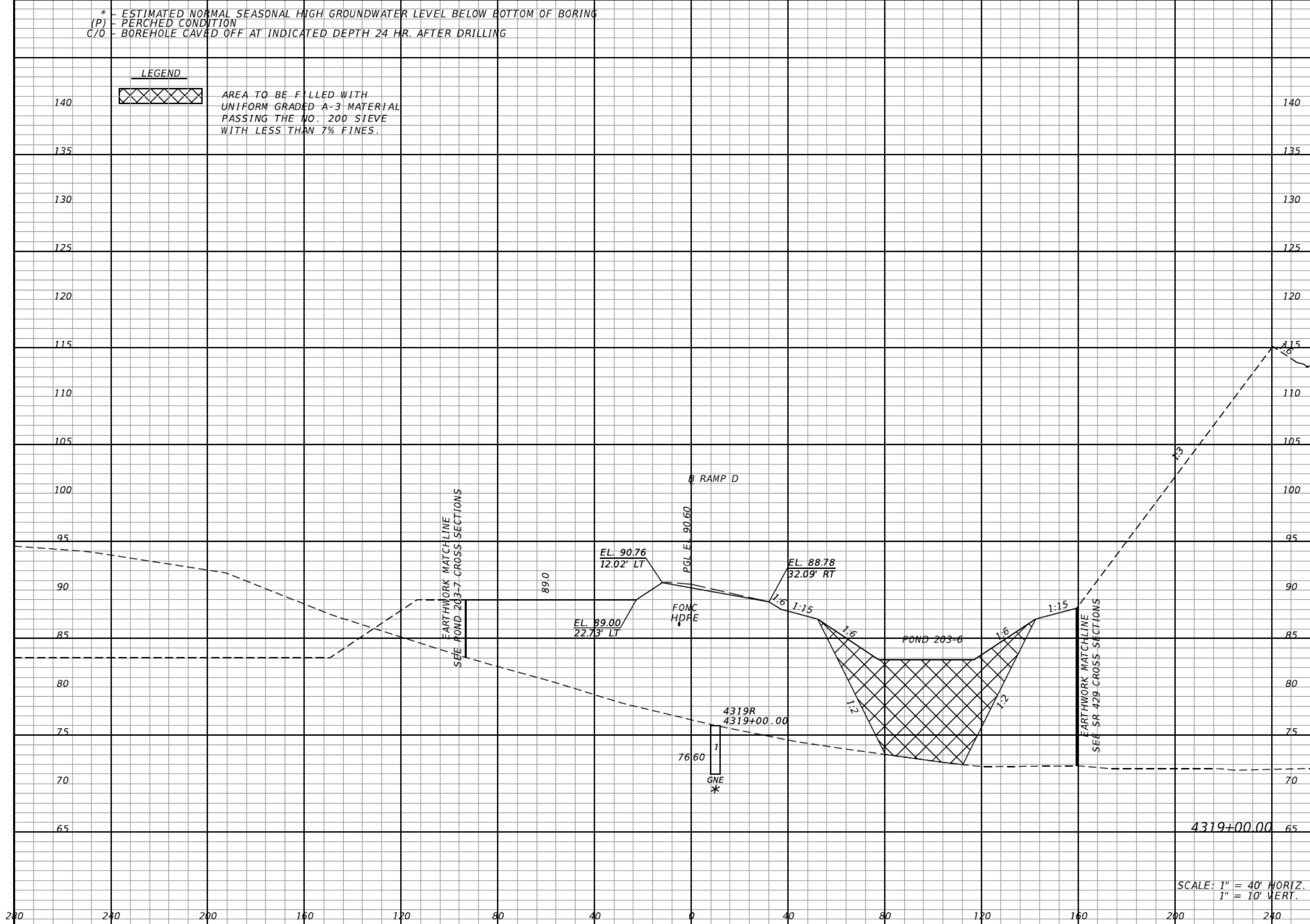
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V

LEGEND



AREA TO BE FILLED WITH
UNIFORM GRADED A-3 MATERIAL
PASSING THE NO. 200 SIEVE
WITH LESS THAN 7% FINES.



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

Regular Exc.		Embankment	
A	V	A	V
0	0	2898 (615)	11359 (2657)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**
ROAD NO. PROJECT NO.
SR 429 429-203



**CROSS SECTIONS
RAMP D**

SHEET NO.
591

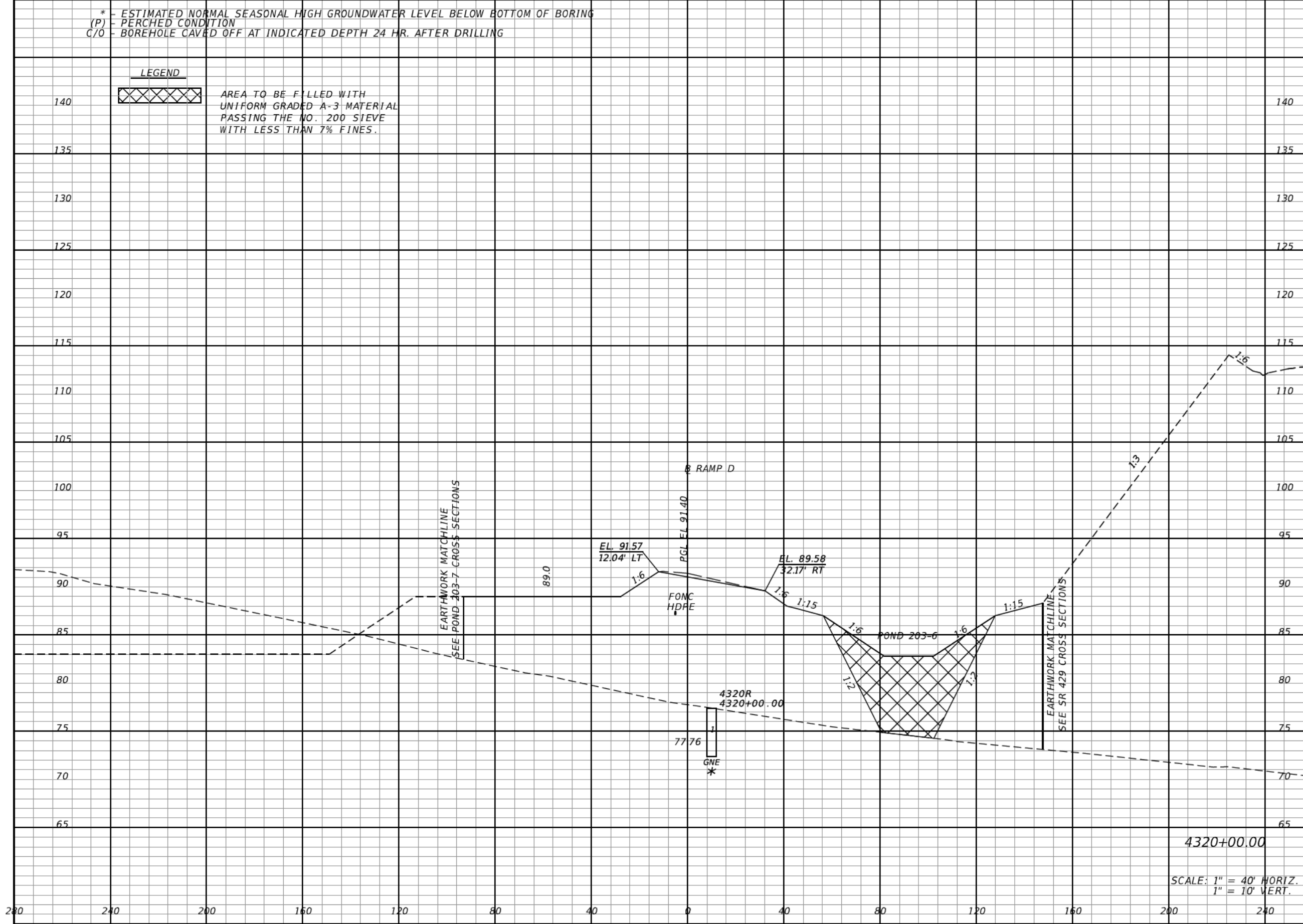
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				2571 (386)	
	0				10128 (1854)

LEGEND



AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



4320+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS RAMP D

SHEET NO. 592

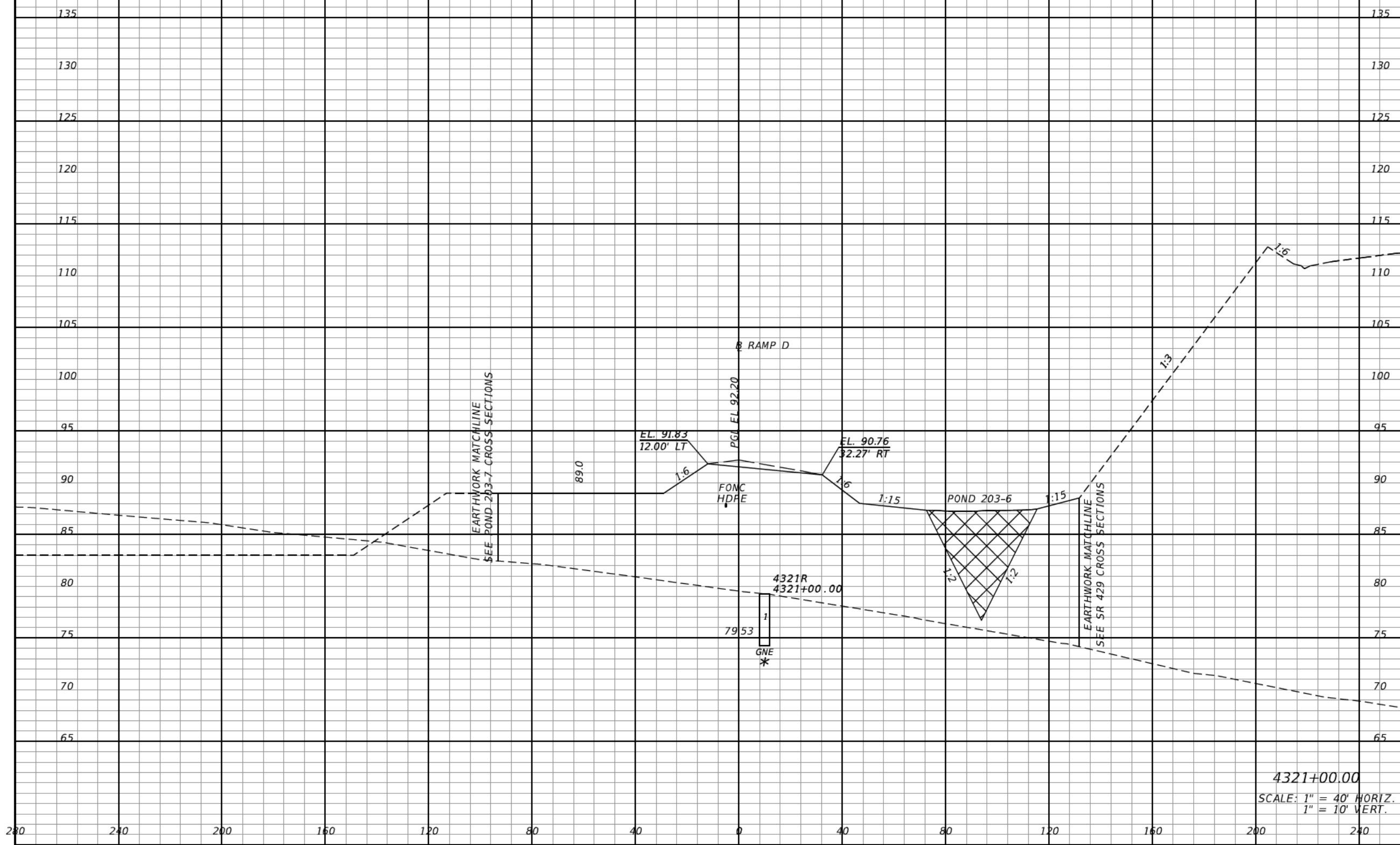
* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V

LEGEND



AREA TO BE FILLED WITH UNIFORM GRADED A-3 MATERIAL PASSING THE NO. 200 SIEVE WITH LESS THAN 7% FINES.



0	0	2330 (225)	9076 (1131)
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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520 S. MAGNOLIA AVE.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

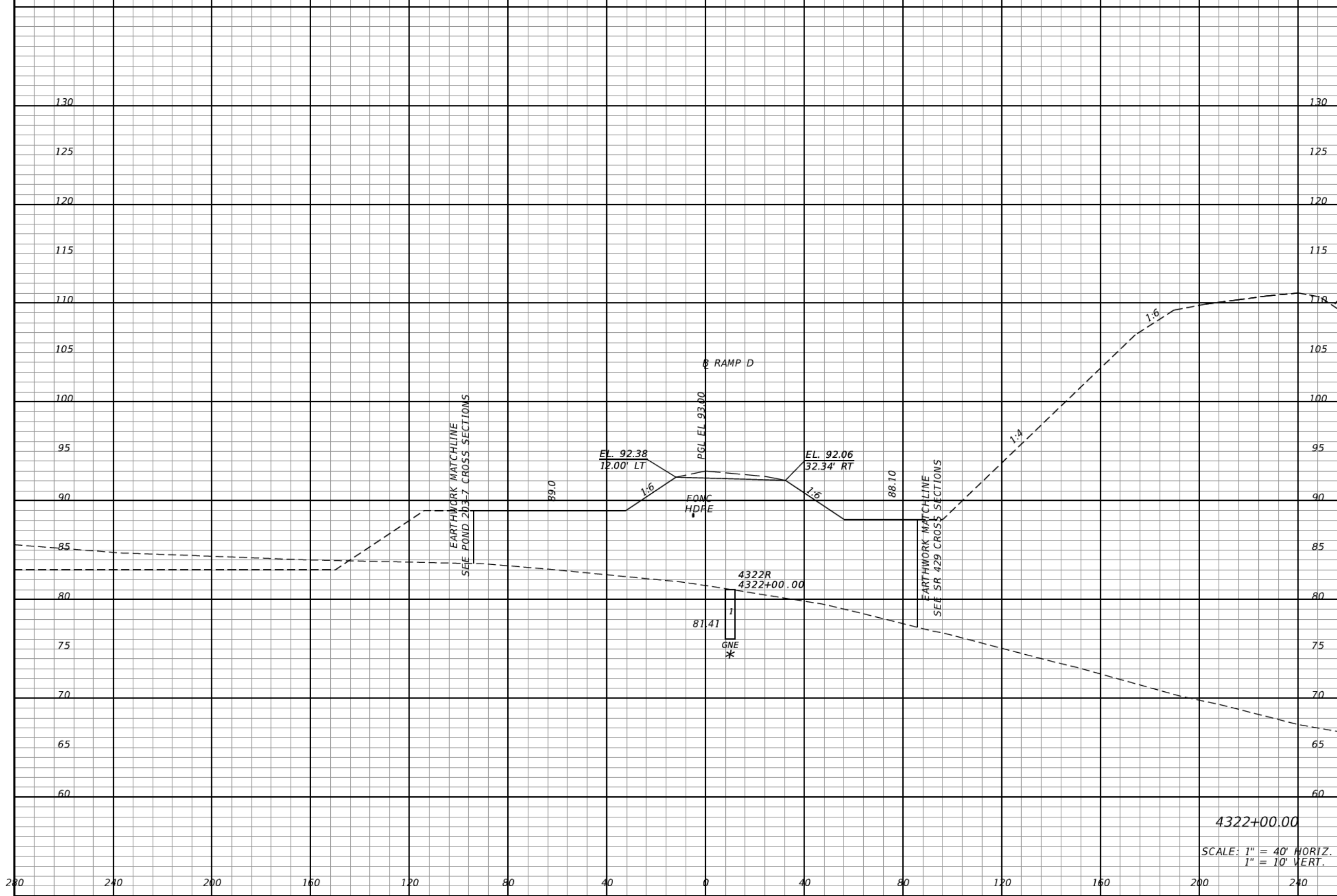


CROSS SECTIONS RAMP D

SHEET NO. 593

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				1586 (0)	
			0		7252 (416)



4322+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
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520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

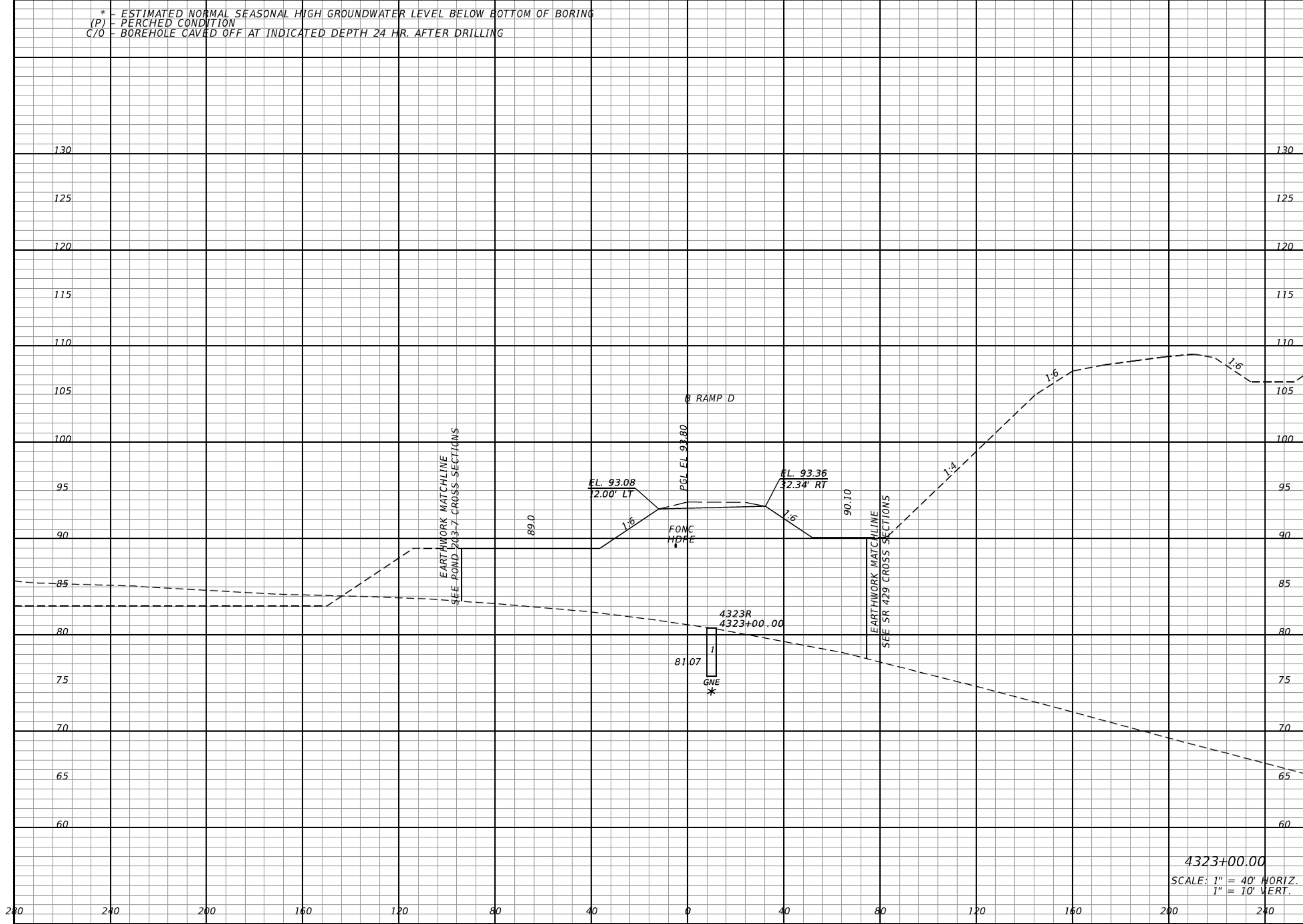


CROSS SECTIONS RAMP D

SHEET NO. 594

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	1642	5978



4323+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

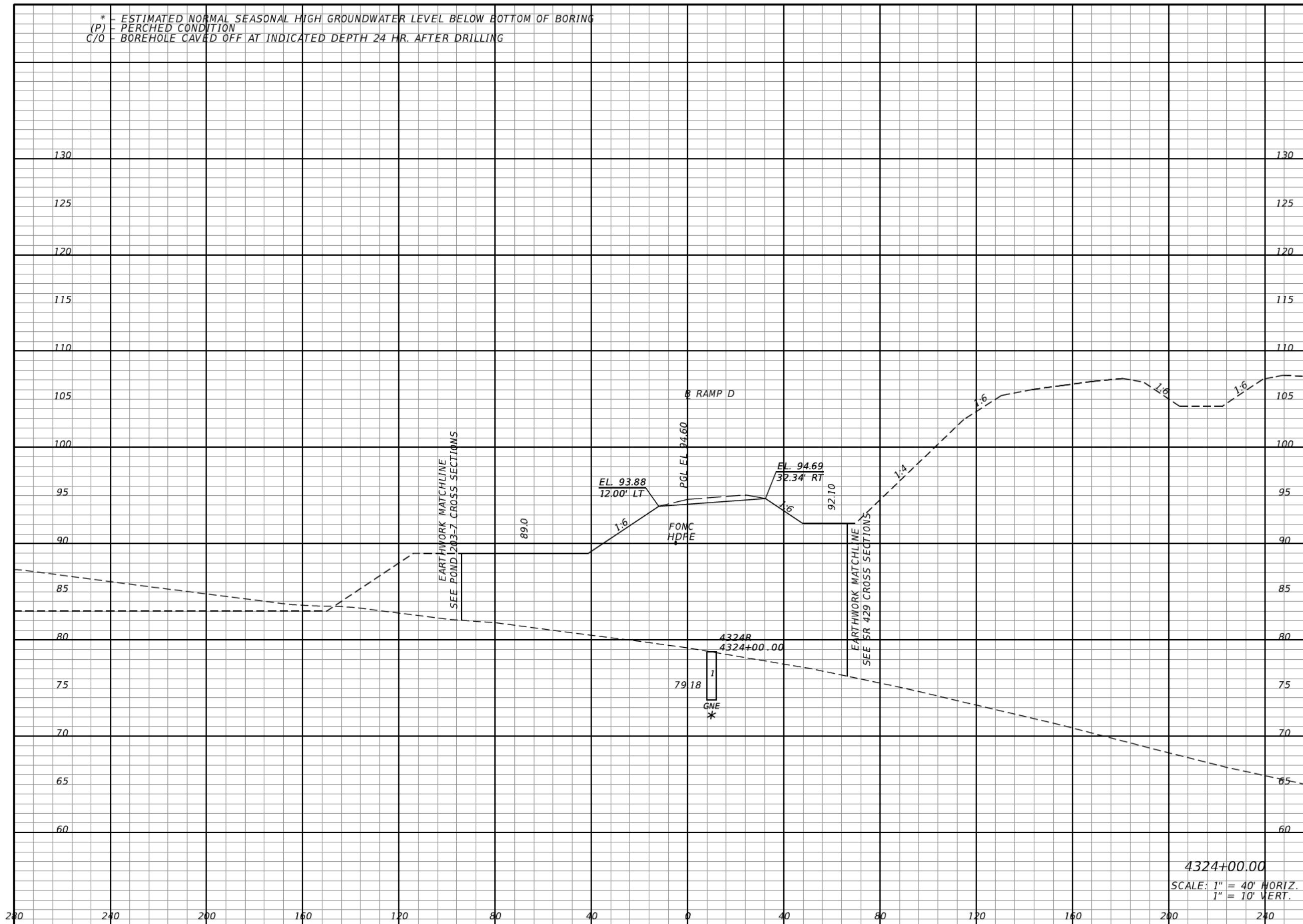


**CROSS SECTIONS
RAMP D**

SHEET NO.
595

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



Regular Exc.		Embankment	
A	V	A	V
0	0	1956	6663

4324+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
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ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA
EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

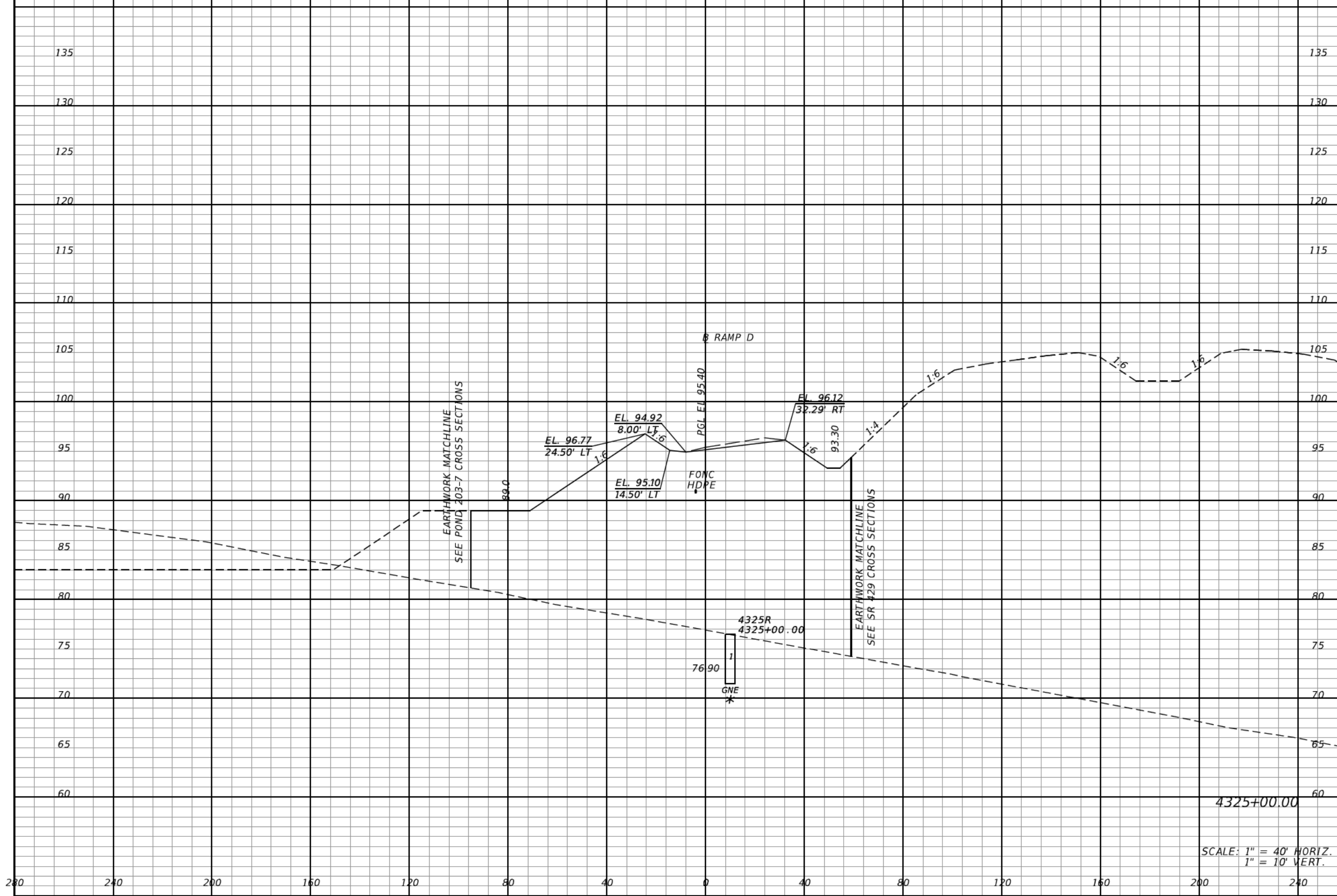


CROSS SECTIONS
RAMP D

SHEET NO.
596

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				2436	
	0				8133



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

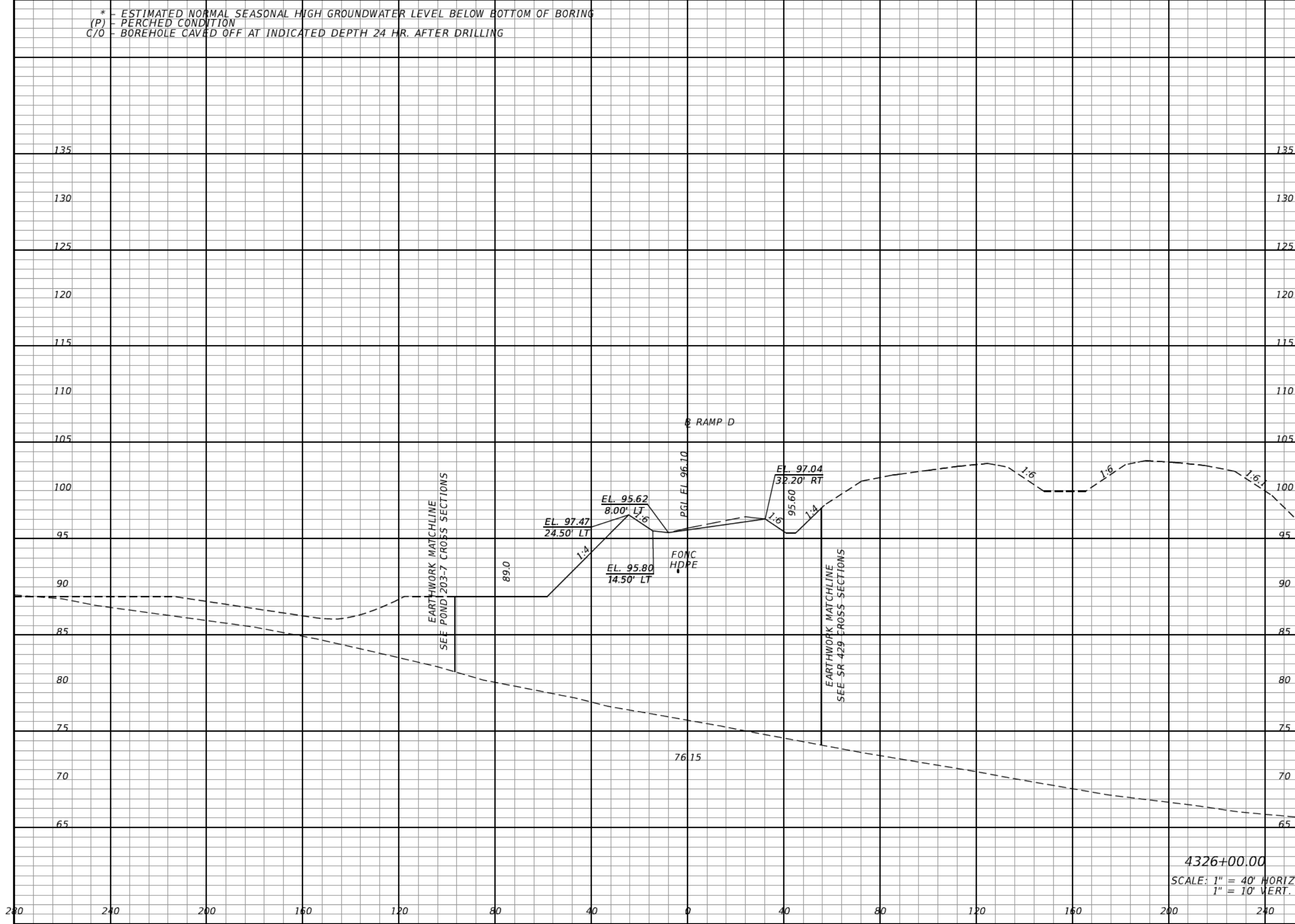


CROSS SECTIONS
RAMP D

SHEET NO.
597

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	2534	9204



4326+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

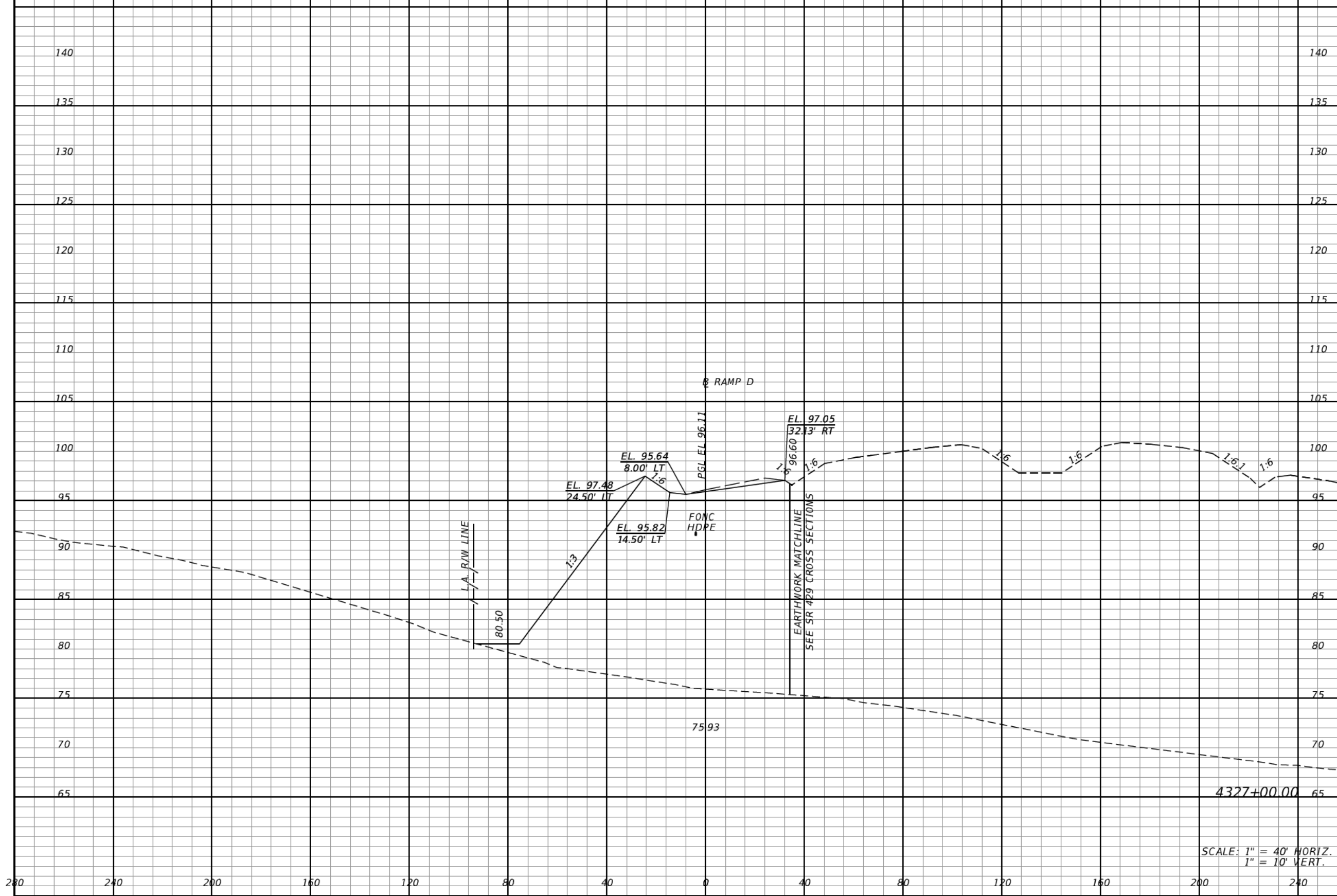


CROSS SECTIONS RAMP D

SHEET NO. 598

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				1770	
	0				7970



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

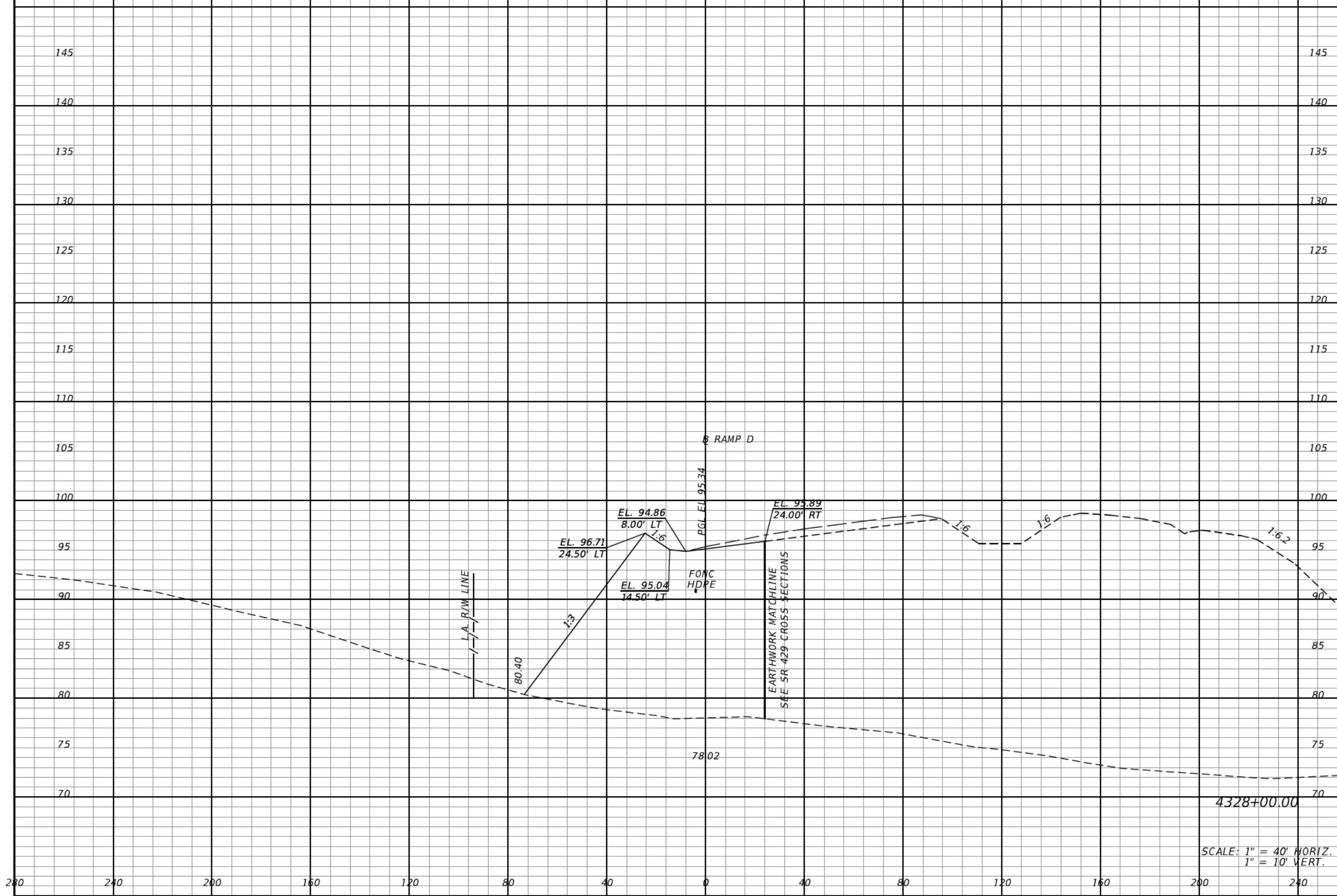


CROSS SECTIONS RAMP D

SHEET NO. 599

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				1296	
	0				5678



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS RAMP D

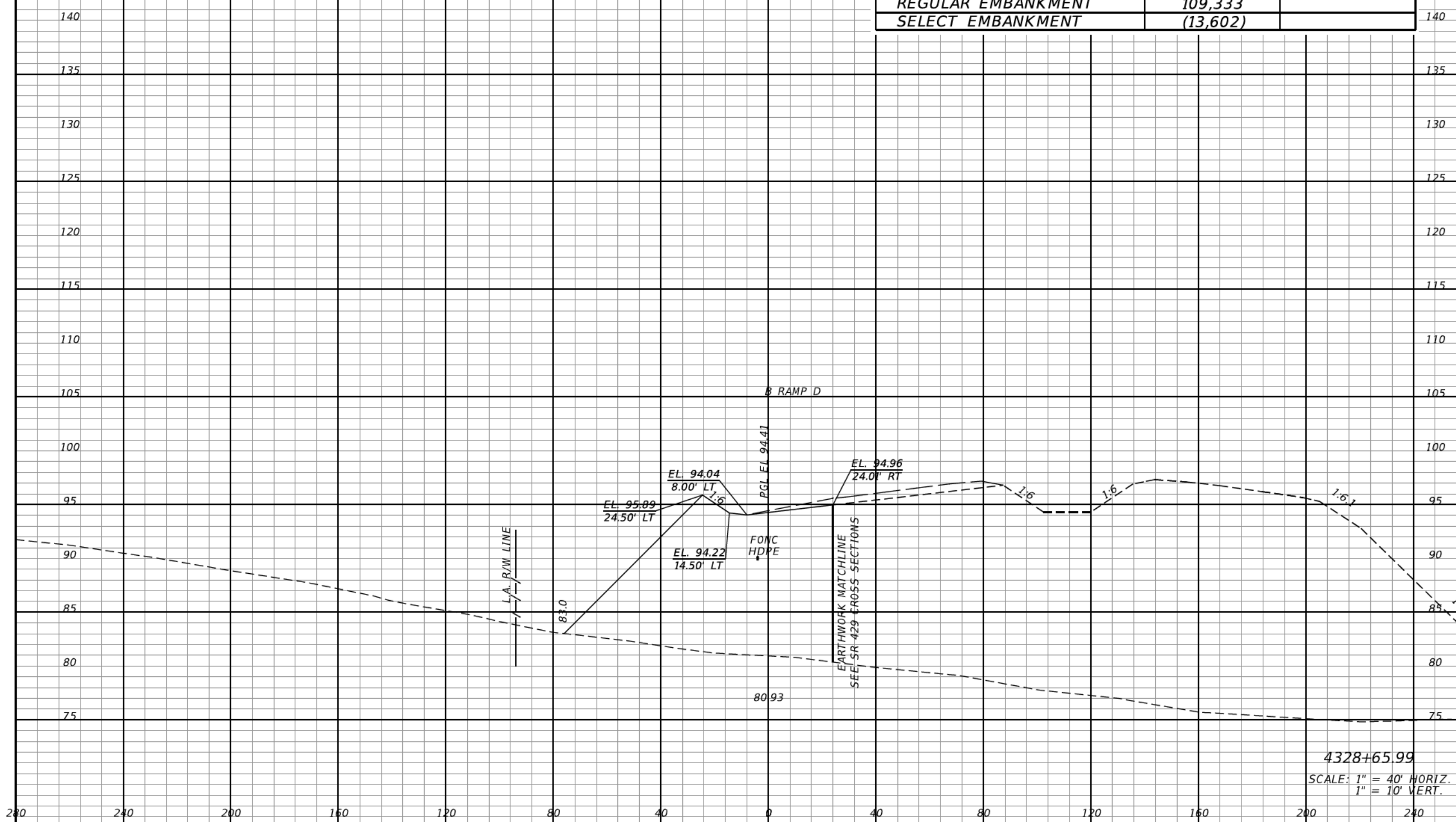
SHEET NO. 600

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

SUMMARY OF EARTHWORK

DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION	1,057	
REGULAR EMBANKMENT	109,333	
SELECT EMBANKMENT	(13,602)	

Regular Exc.		Embankment	
A	V	A	V
0	0	1035	2849



4328+65.99
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

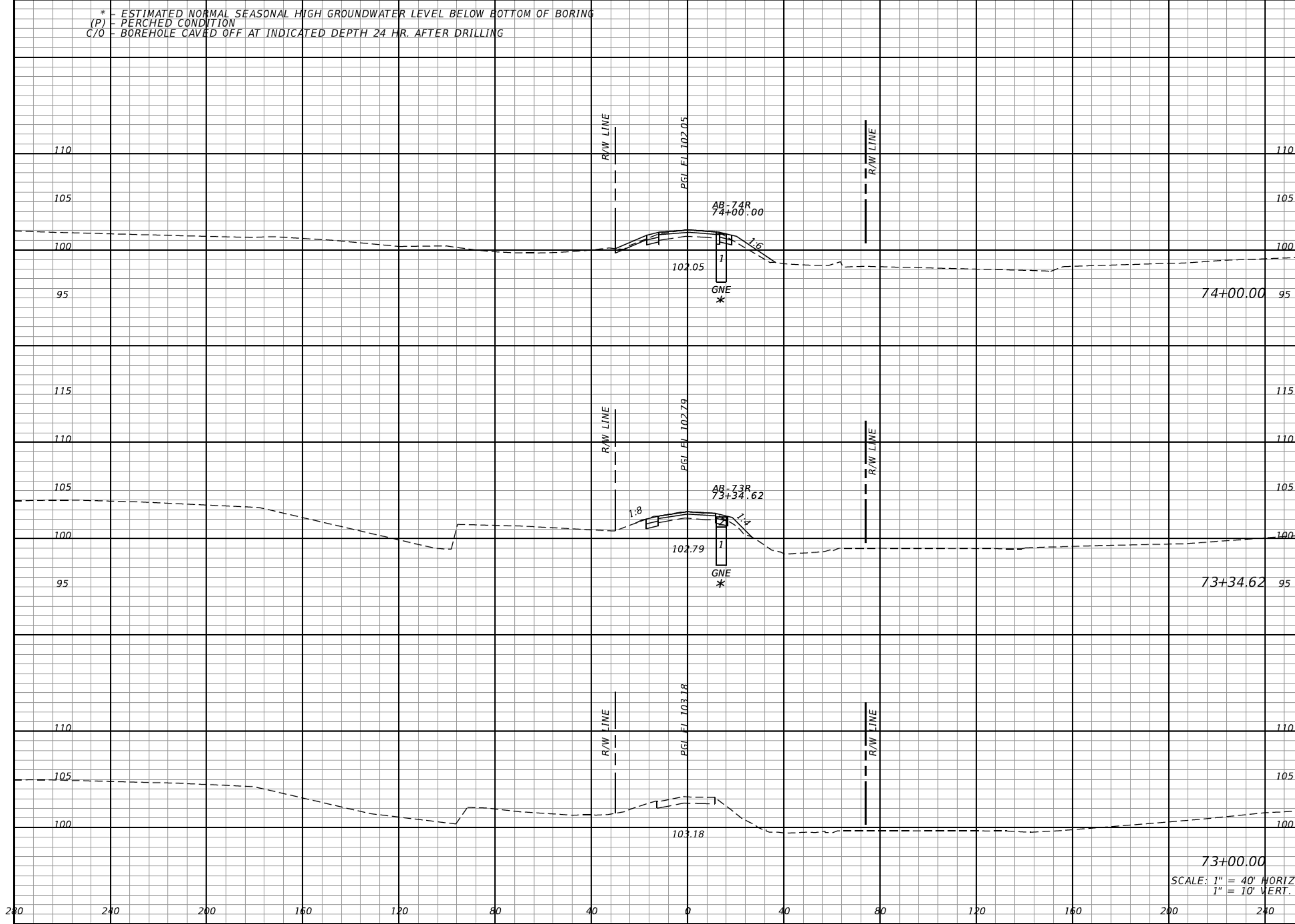


CROSS SECTIONS
RAMP D

SHEET NO.
601

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
15	36	9	17		
15	10	5	3		
0	0	0	0		



73+00.00
 SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

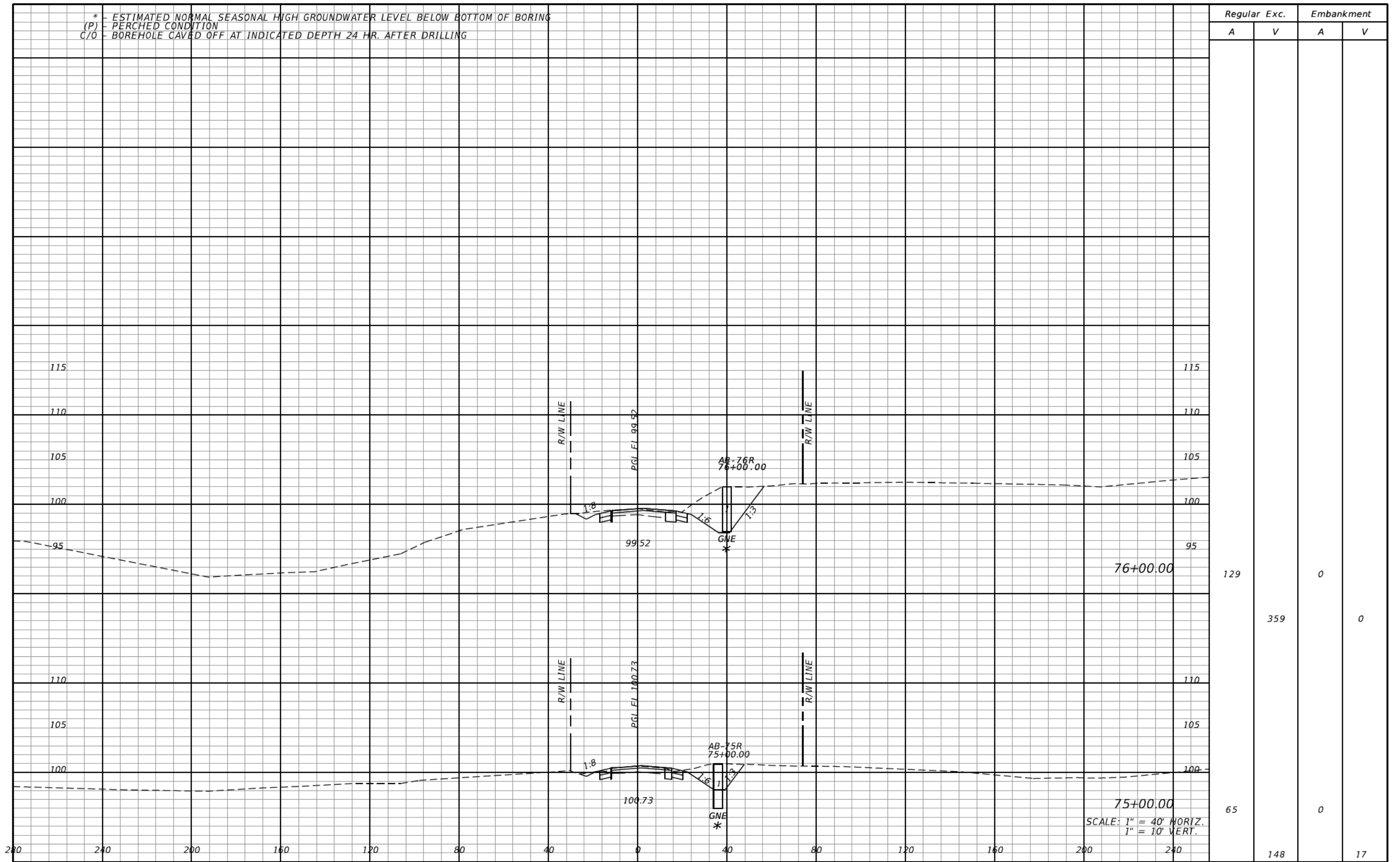
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



**CROSS SECTIONS
 KELLY PARK RD**

SHEET NO.
 602

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

ROAD NO.	PROJECT NO.
SR 429	429-203

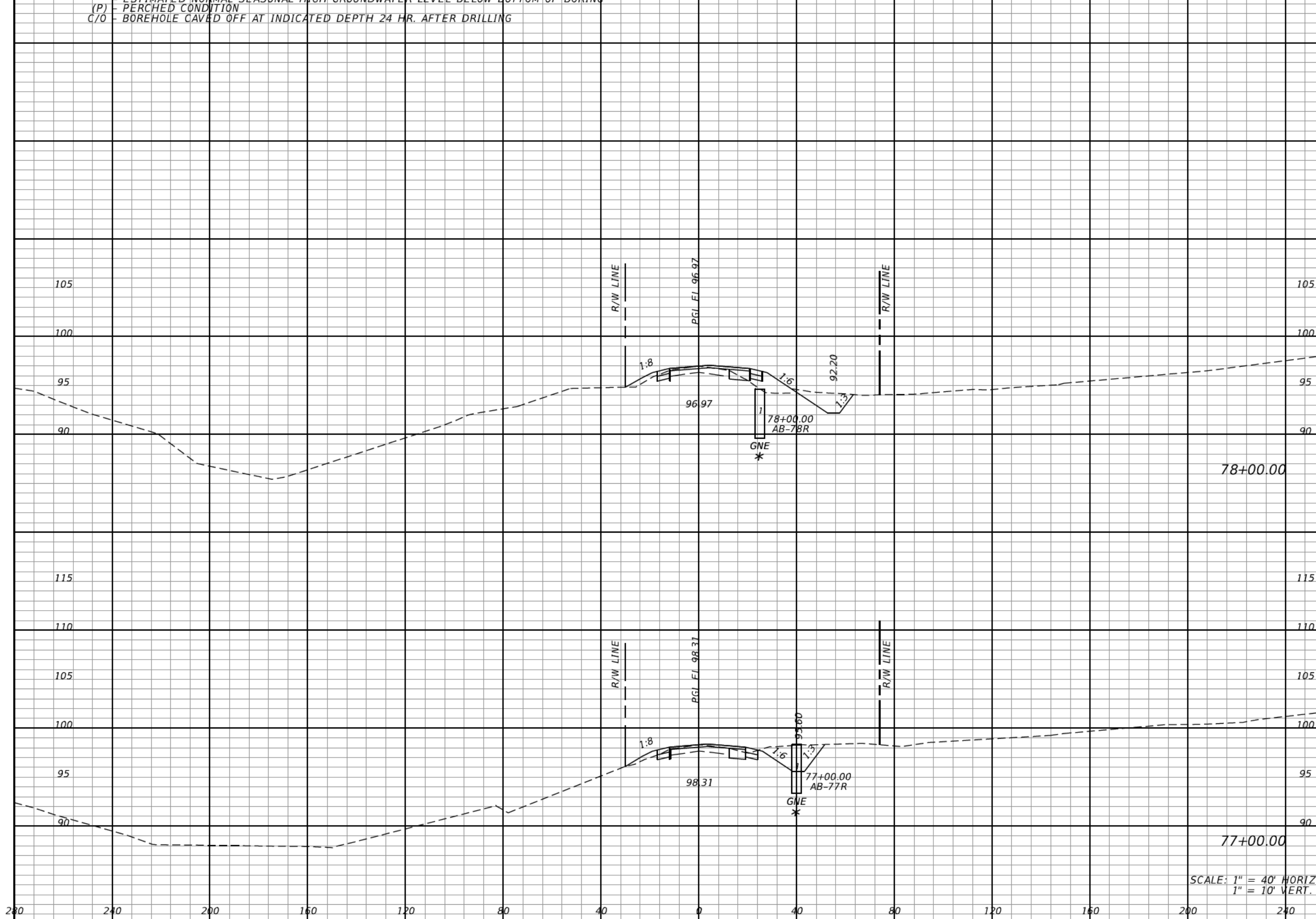


**CROSS SECTIONS
KELLY PARK RD**

SHEET
NO.
603

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
40				26	
	181				57
58				5	
	346				9



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

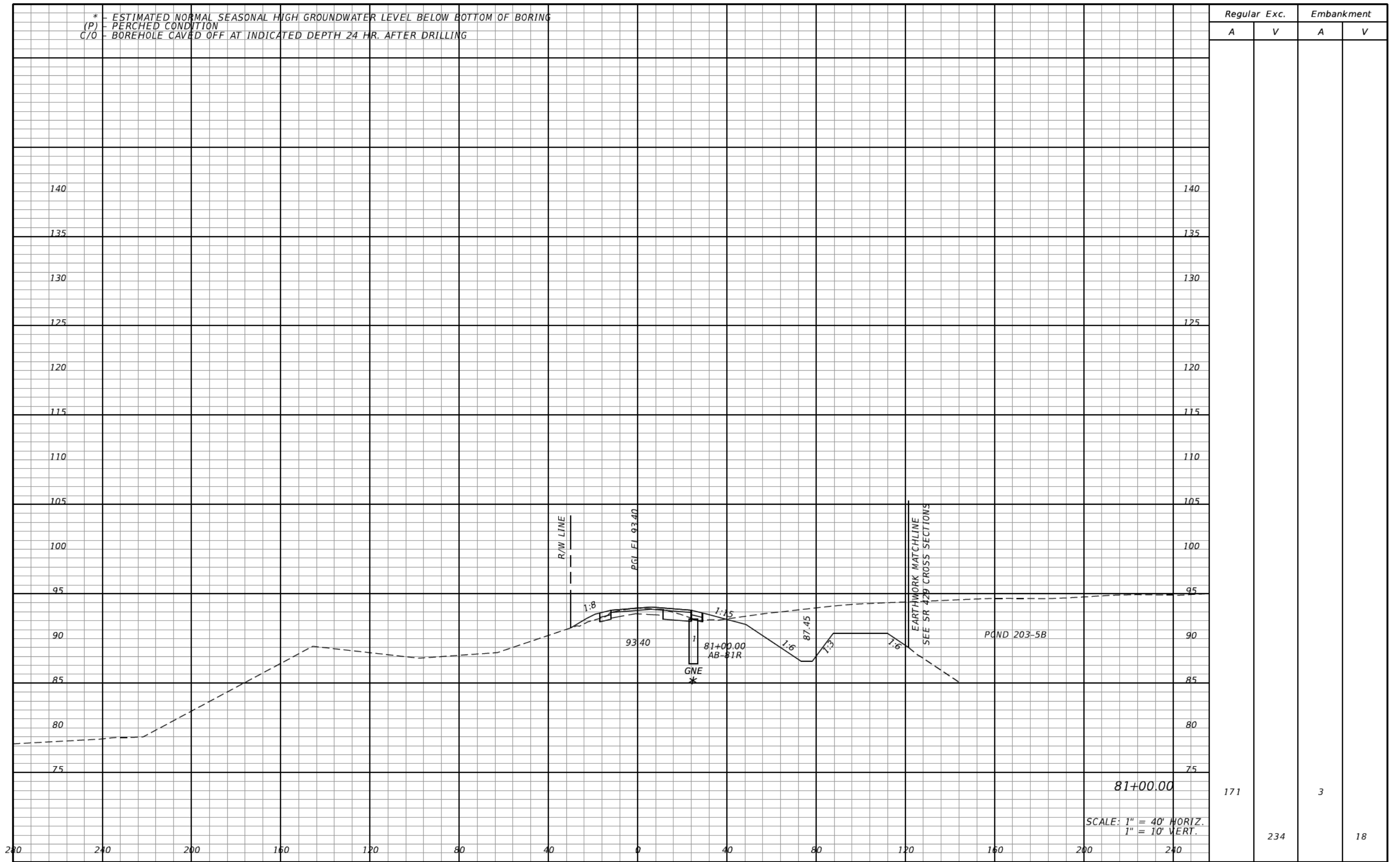


**CROSS SECTIONS
KELLY PARK RD**

SHEET NO.
604

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



171	234	3	18
-----	-----	---	----

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203



**CROSS SECTIONS
KELLY PARK RD**

SHEET NO.
606

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



84+00.00
 SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

288	0	700	7
-----	---	-----	---

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

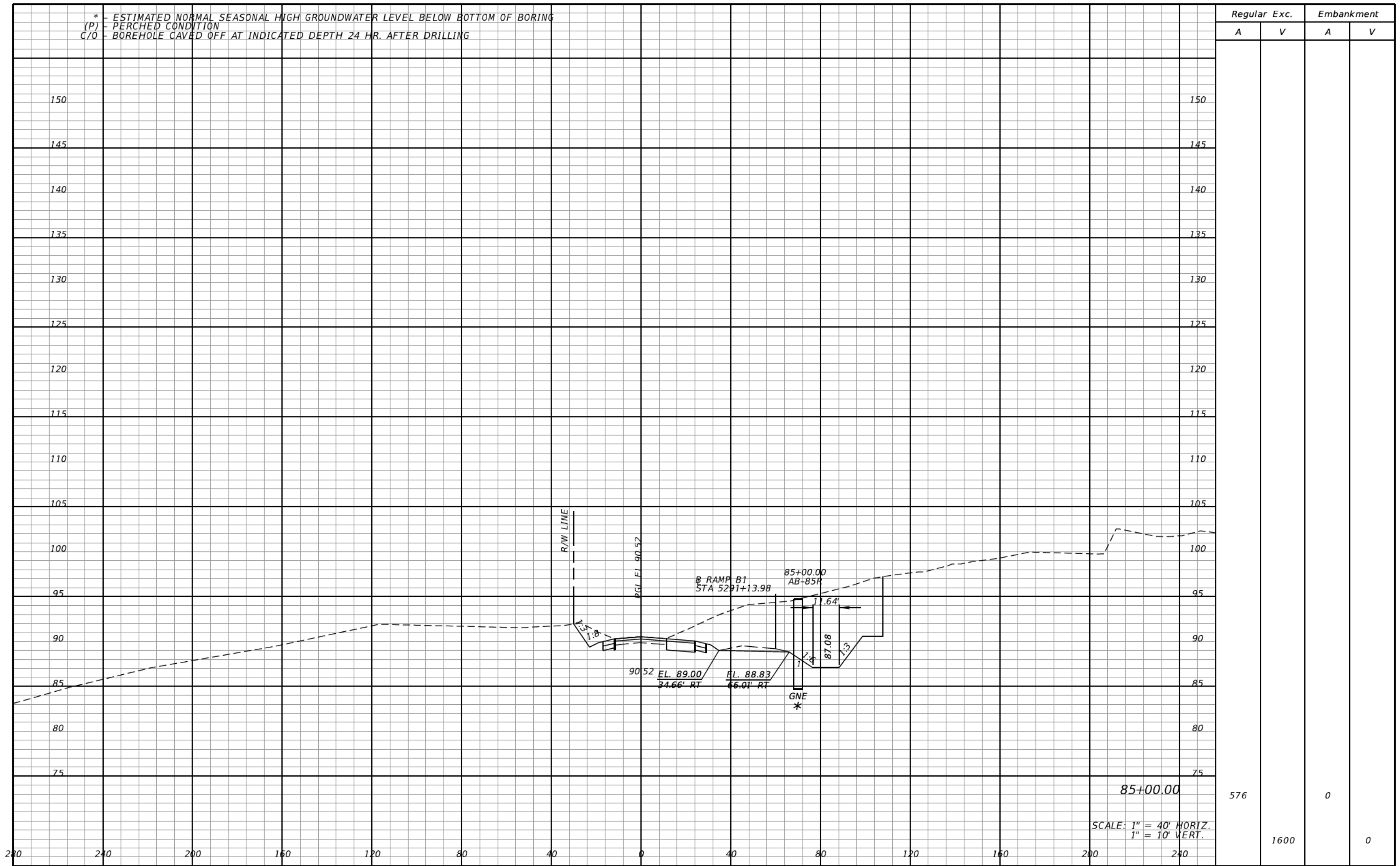
DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS KELLY PARK RD
 SHEET NO. 609

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
576				0	
			1600		0

85+00.00

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

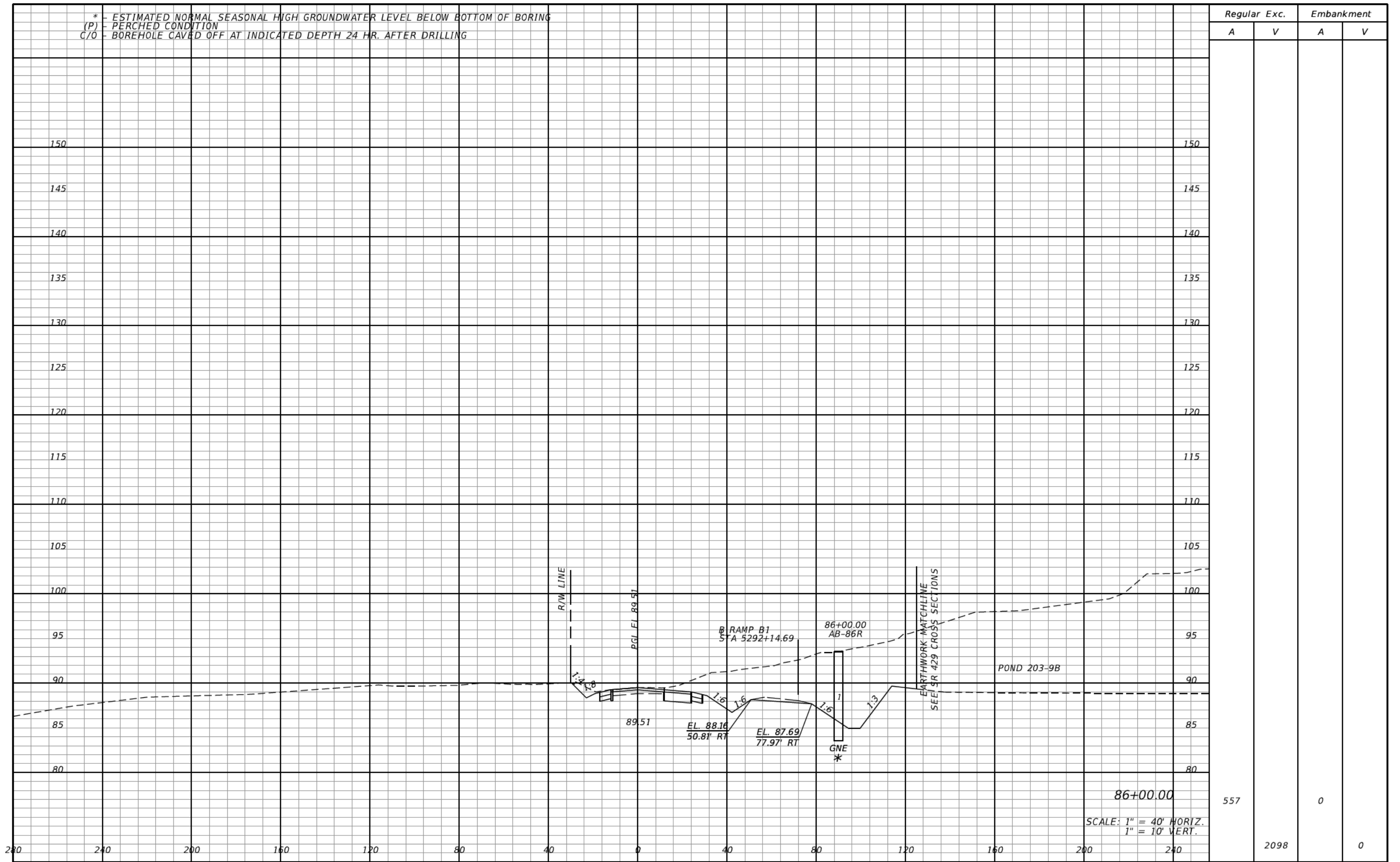


CROSS SECTIONS KELLY PARK RD

SHEET NO. 610

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

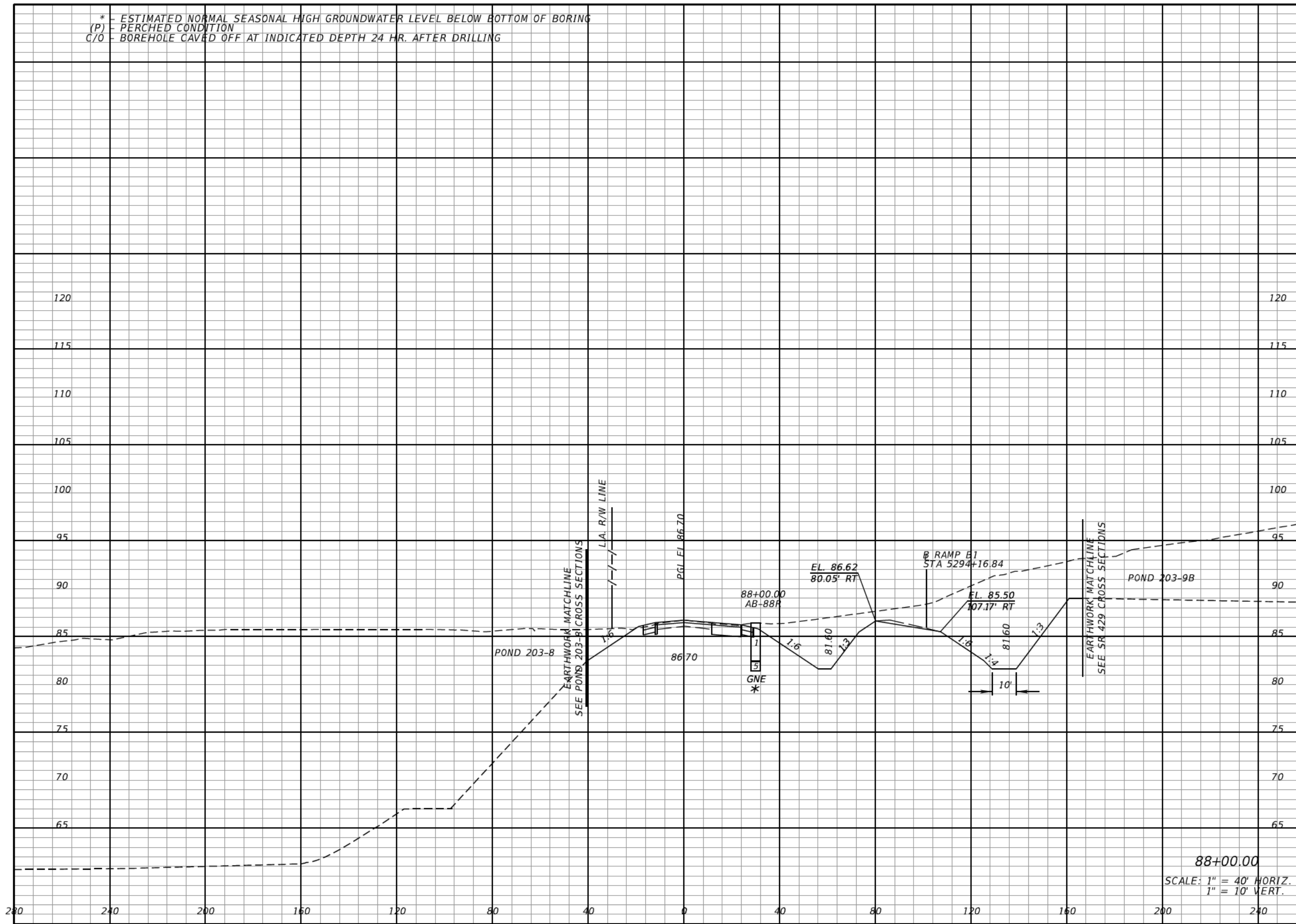


CROSS SECTIONS KELLY PARK RD

SHEET NO. 611

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V



88+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

372	1	6
-----	---	---

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

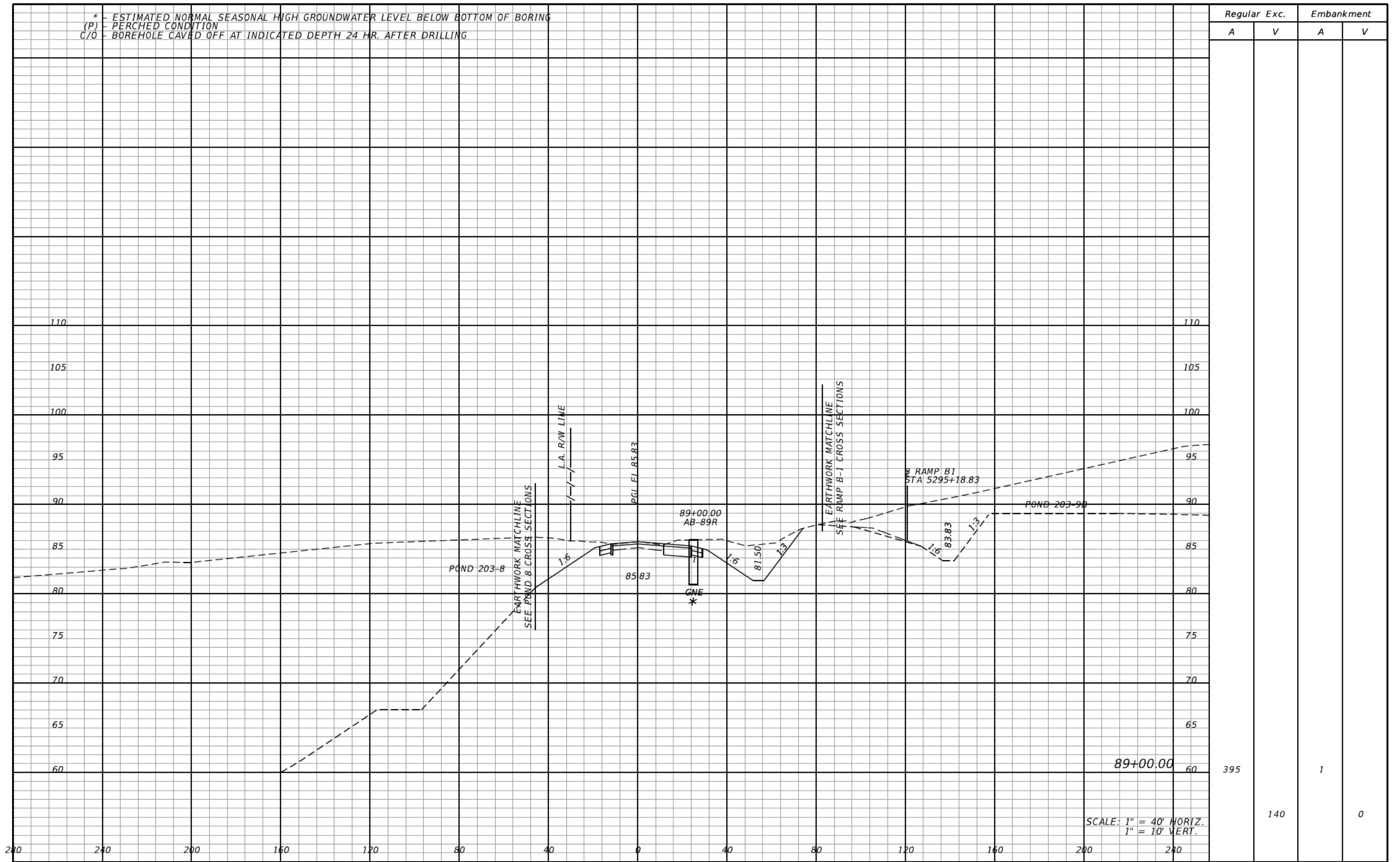


**CROSS SECTIONS
KELLY PARK RD**

SHEET NO.
613

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



Regular Exc.		Embankment	
A	V	A	V
395		1	
	140		0

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203

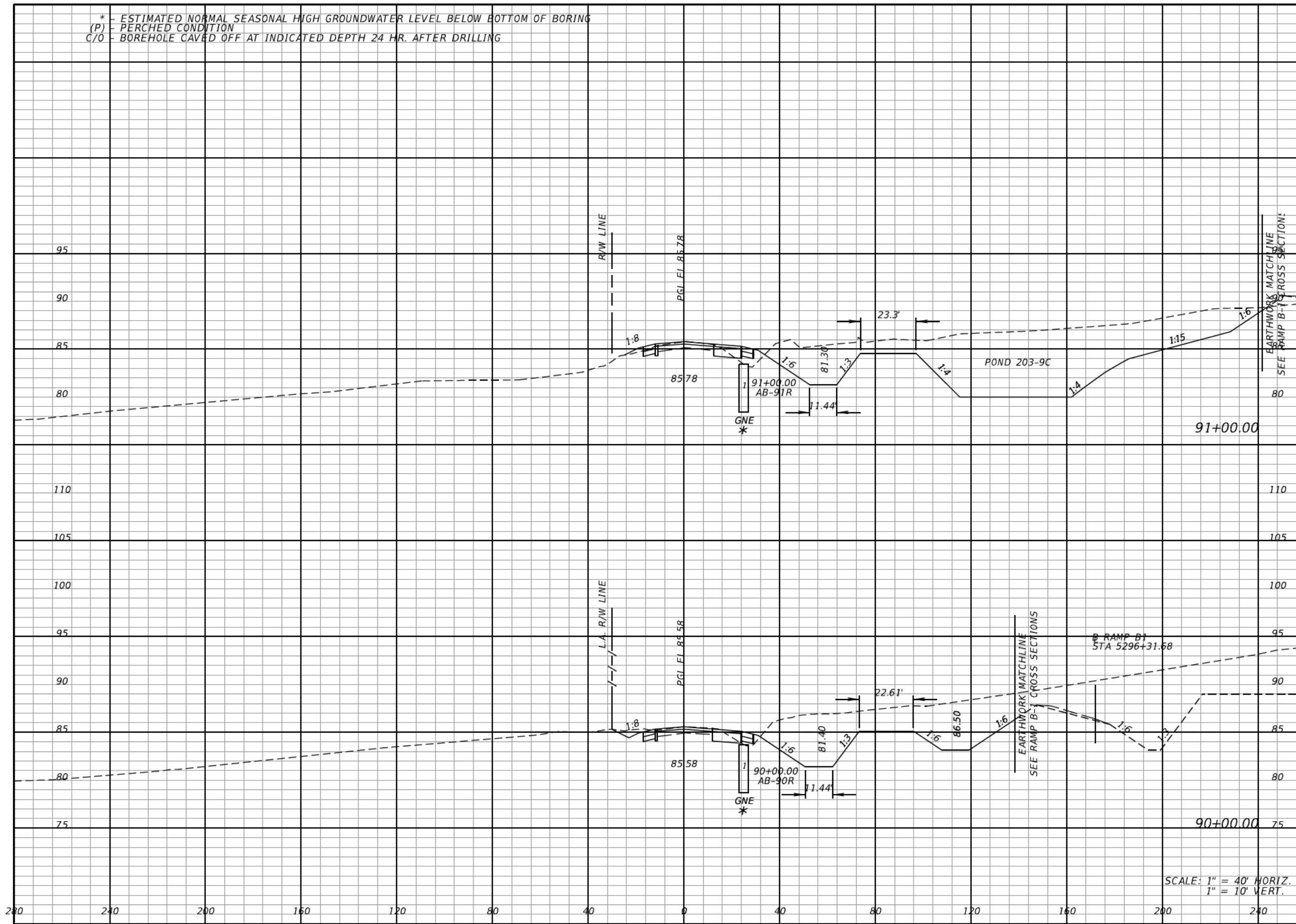


**CROSS SECTIONS
KELLY PARK RD**

SHEET NO.
615

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
34				15	
	774				37
384				5	
	1443				11



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



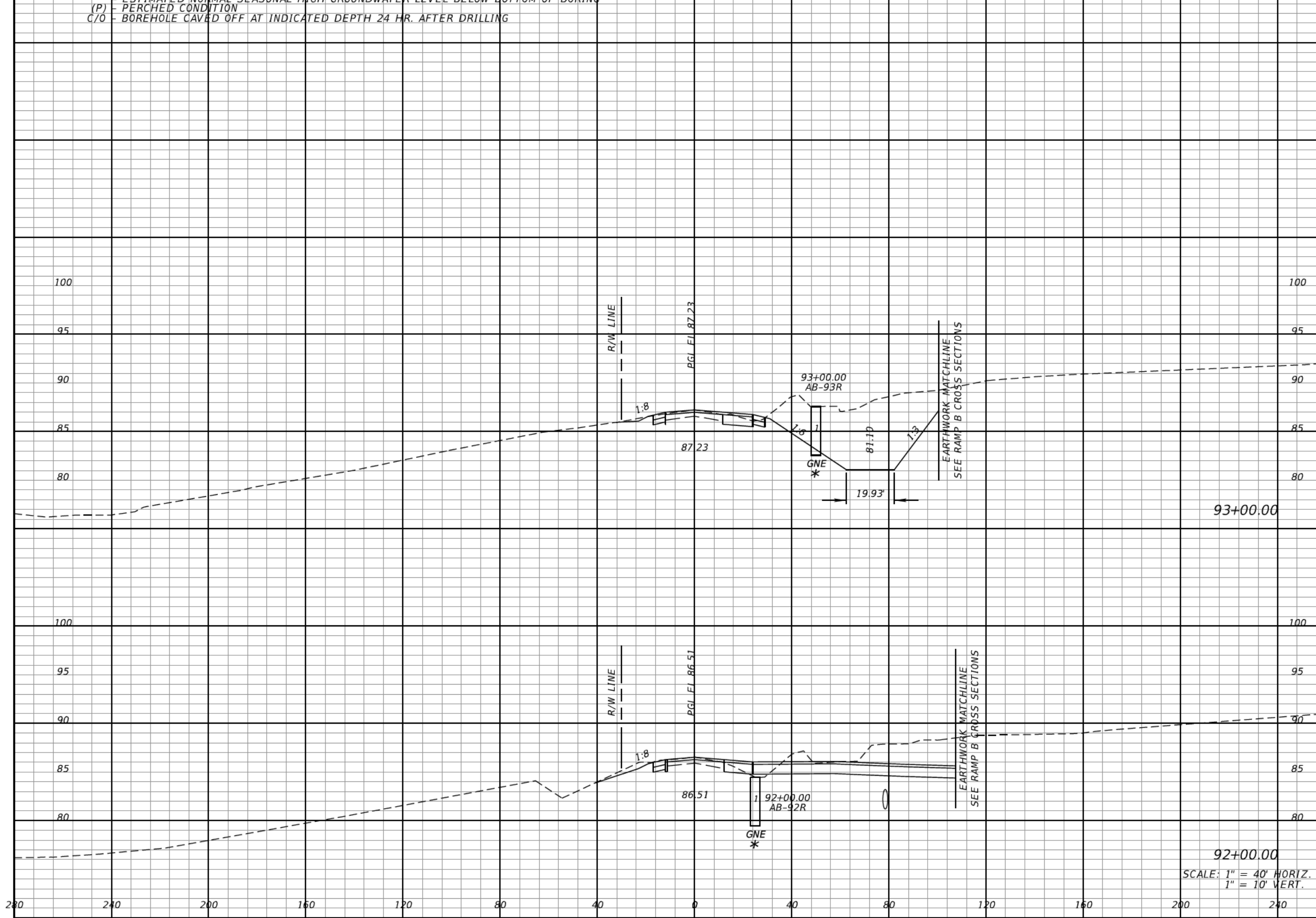
**CROSS SECTIONS
KELLY PARK RD**

SHEET NO. 616

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



Regular Exc.		Embankment	
A	V	A	V
119		1	
	343		19
66		9	
	185		44

92+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

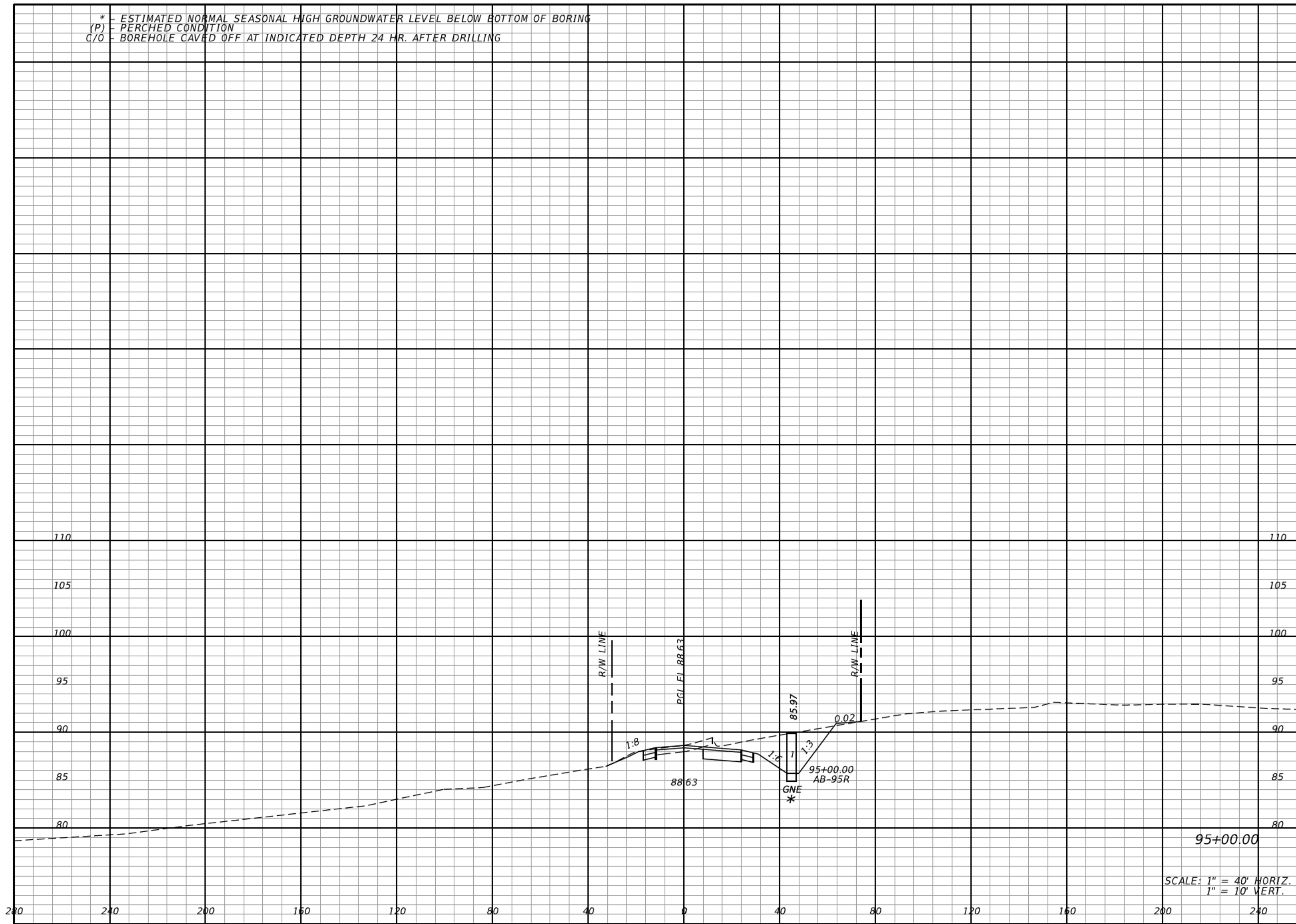


**CROSS SECTIONS
KELLY PARK RD**

SHEET NO. 617

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
128				0	
	659				0



95+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

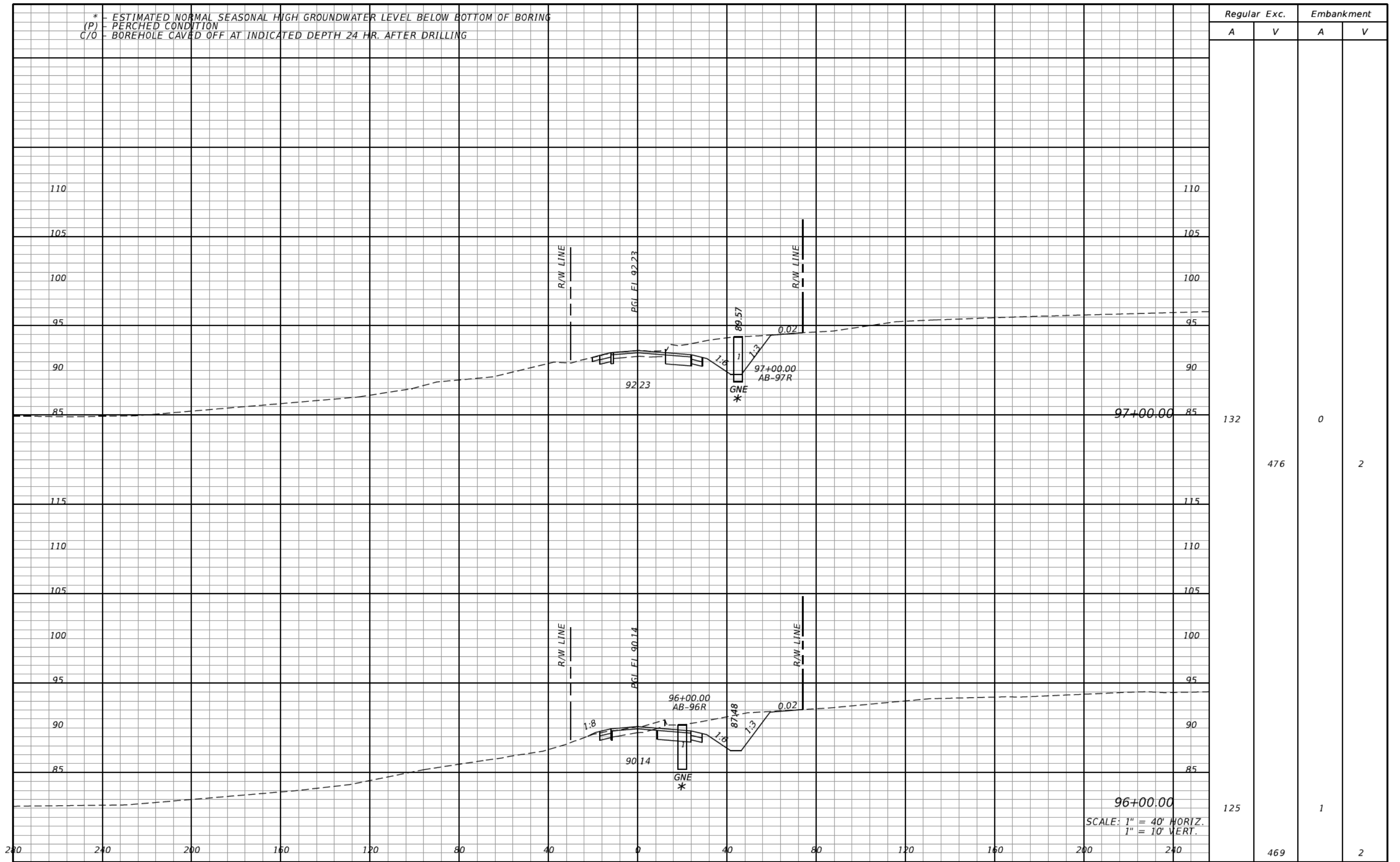
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



**CROSS SECTIONS
KELLY PARK RD**

SHEET NO.
619

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



96+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203

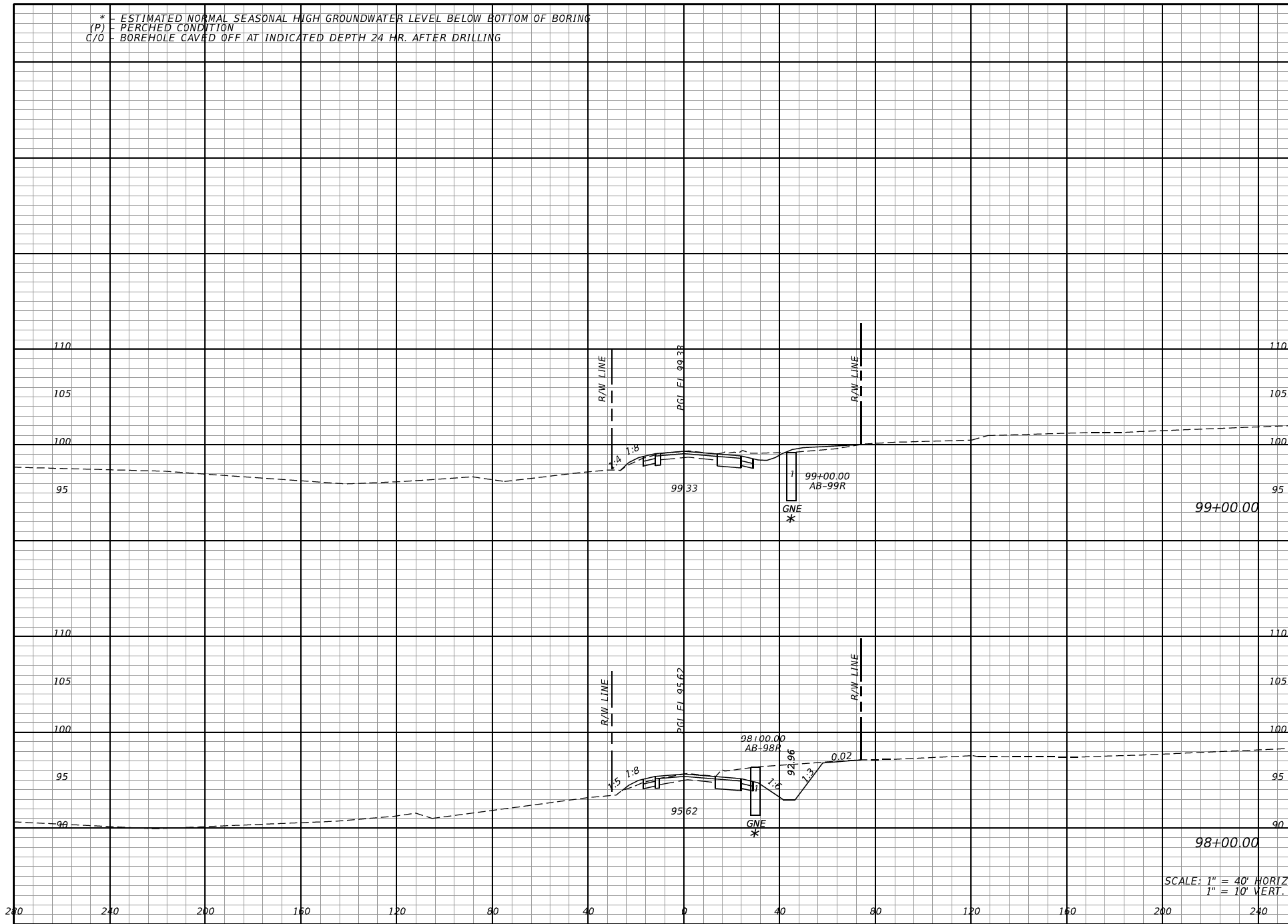


**CROSS SECTIONS
KELLY PARK RD**

SHEET NO.
620

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
72				2	
	337				9
110				3	
	448				6



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

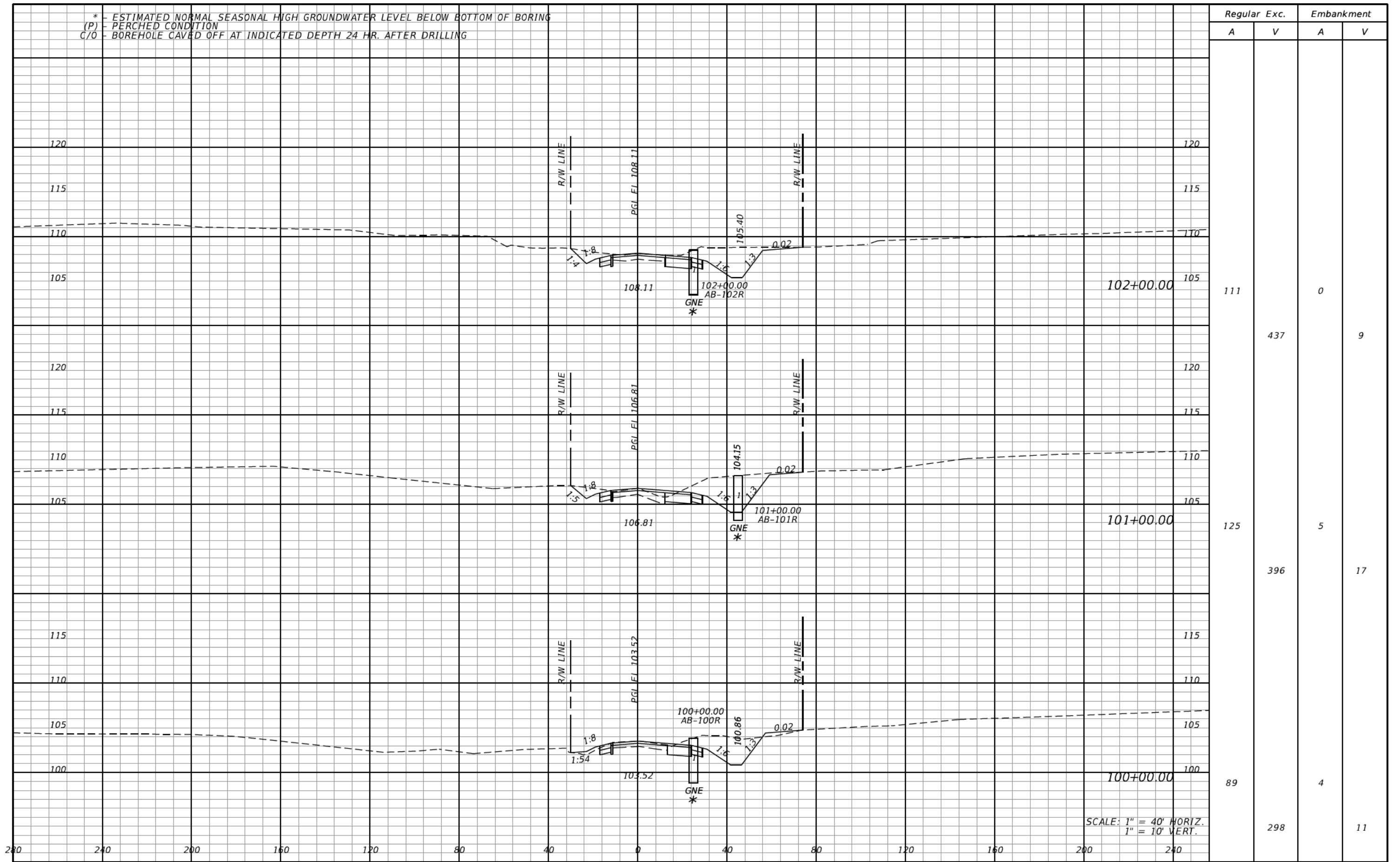
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



**CROSS SECTIONS
KELLY PARK RD**

SHEET NO. 621

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
111				0	
	437				9
125				5	
	396				17
89				4	
	298				11

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

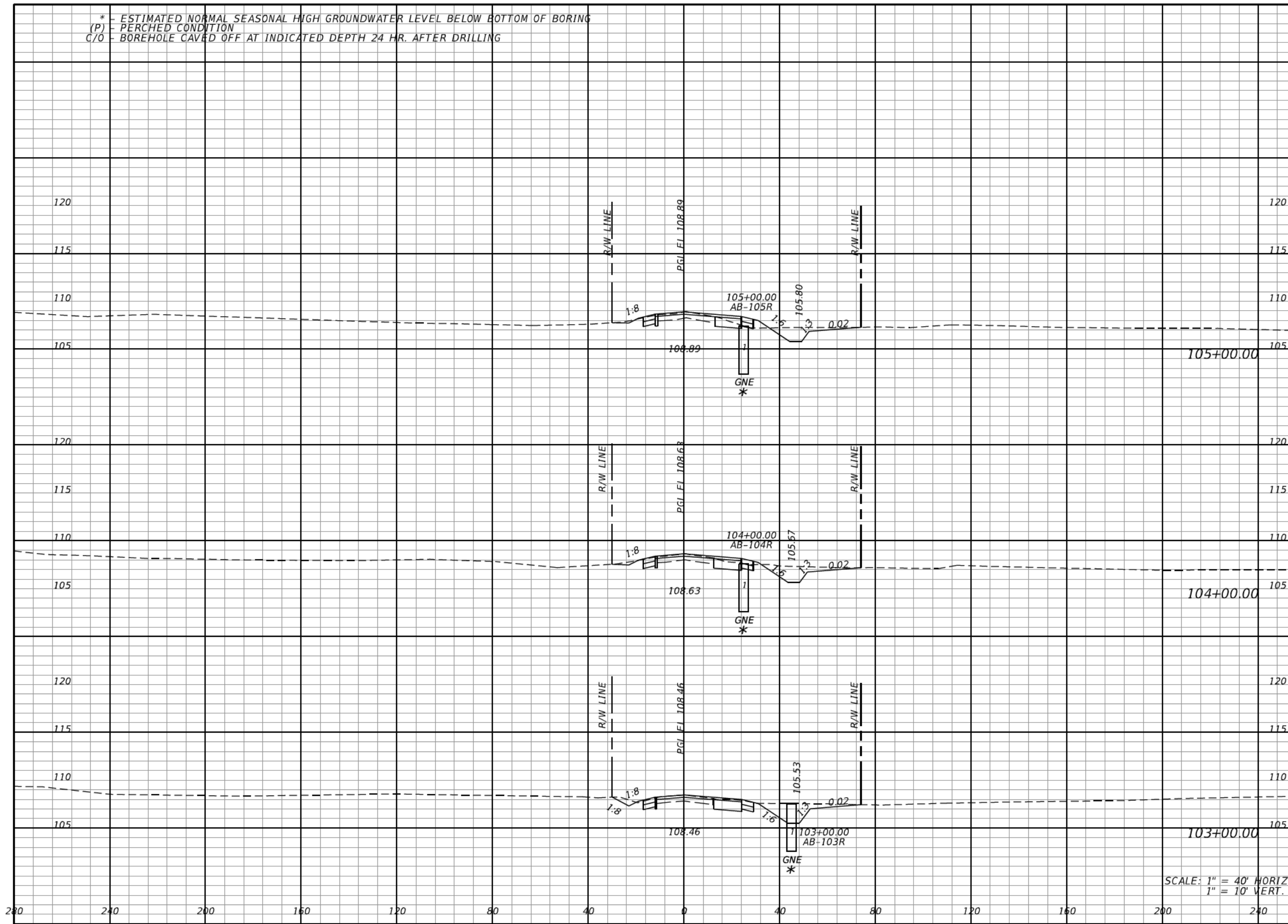


**CROSS SECTIONS
KELLY PARK RD**

SHEET NO.
622

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
31			7		19
	131				
40			3		9
	176				
55			2		4
	307				



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

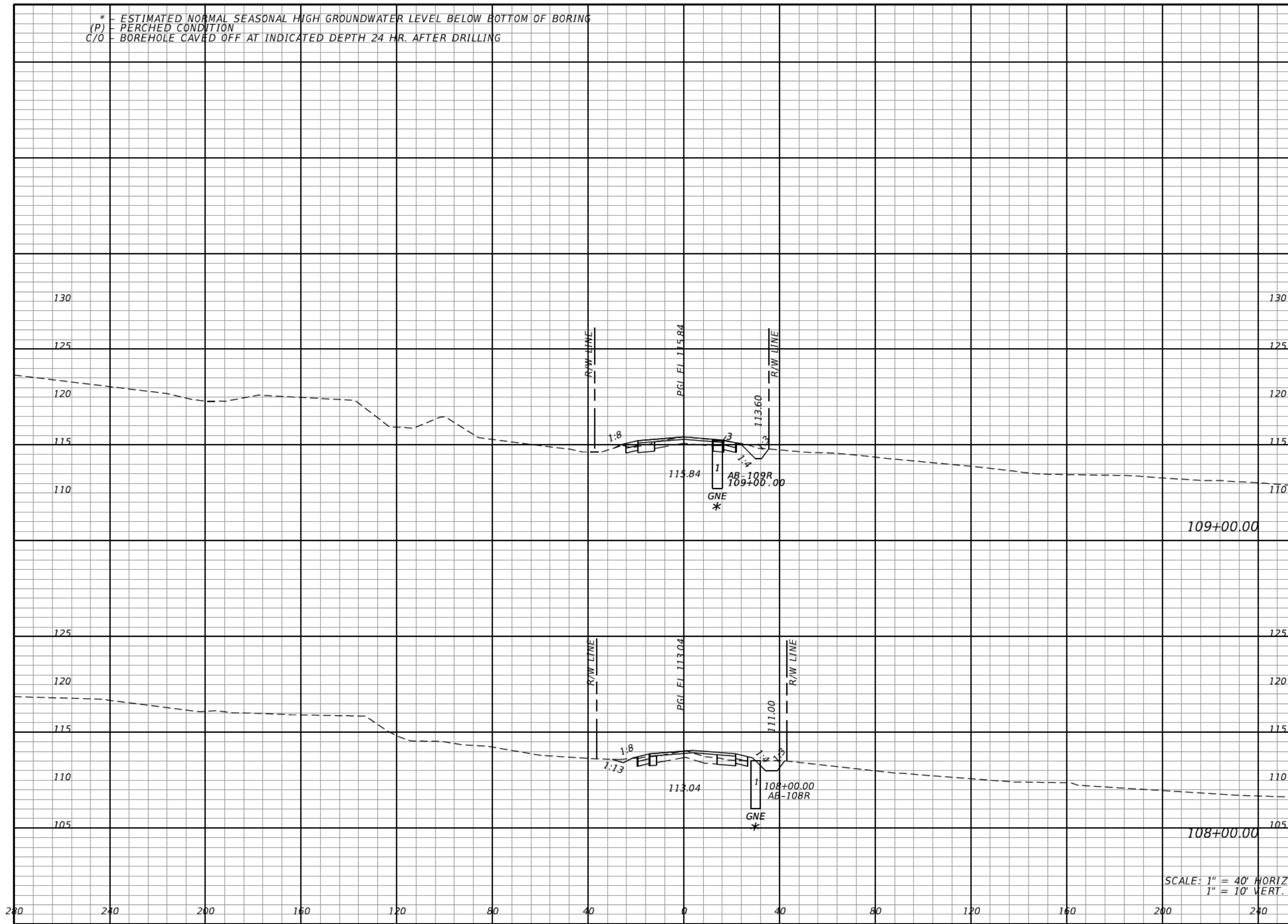


**CROSS SECTIONS
KELLY PARK RD**

SHEET NO. 623

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
32			1		
	107				7
26			3		
	67				6



SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

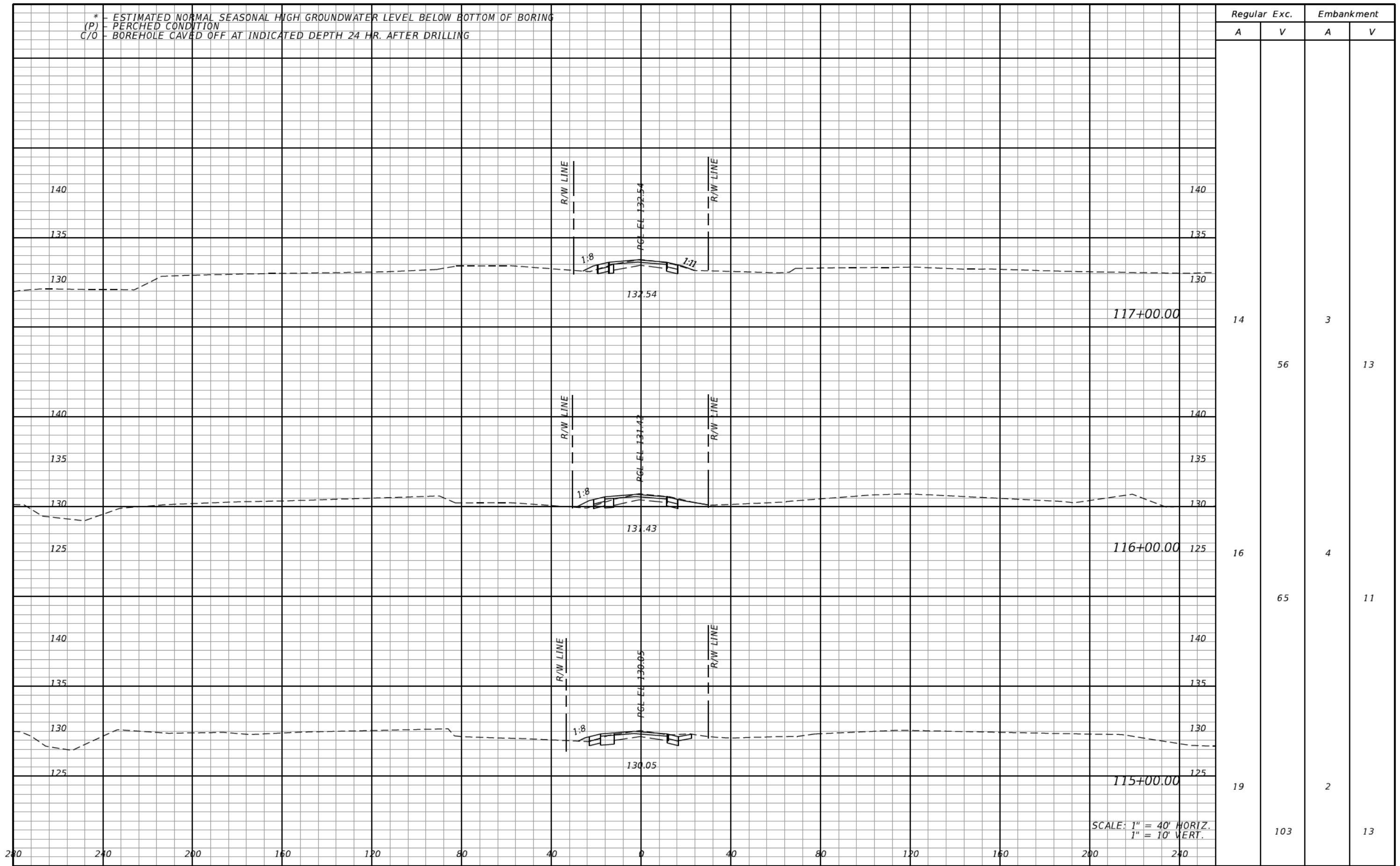
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203



**CROSS SECTIONS
 KELLY PARK RD**

SHEET NO. 625

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203



**CROSS SECTIONS
 KELLY PARK RD**

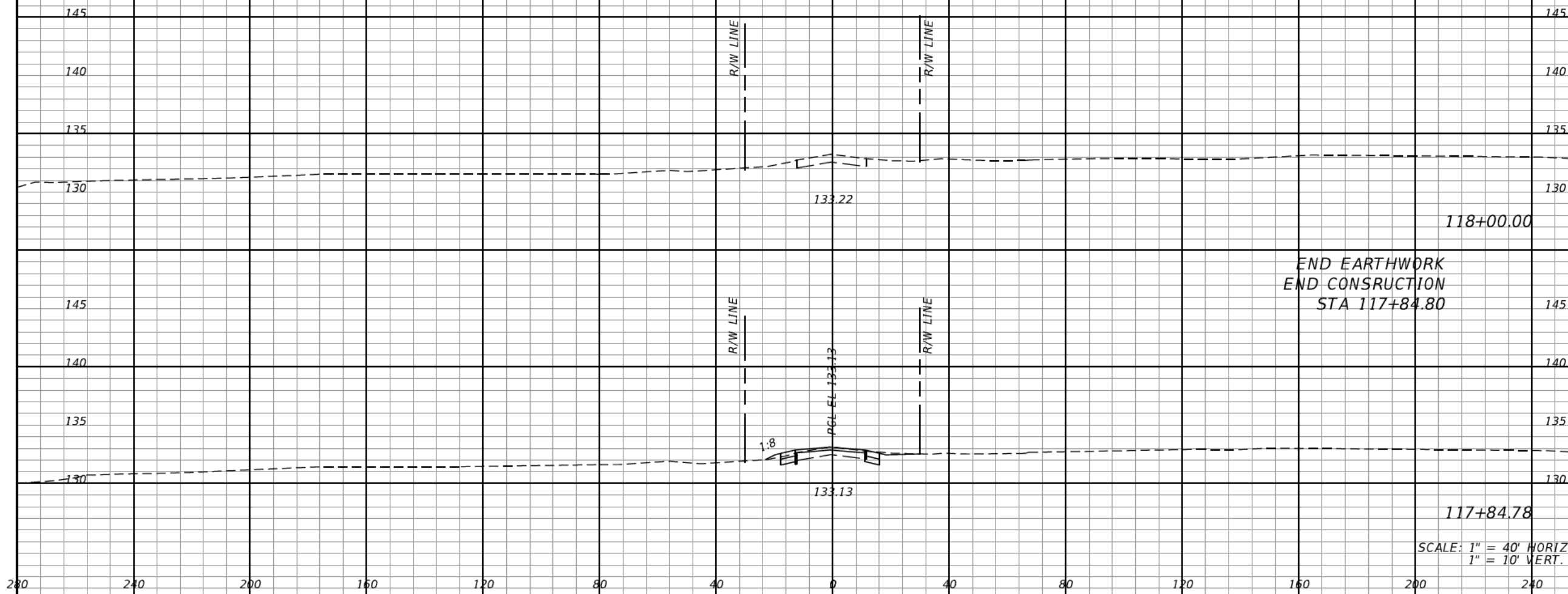
SHEET NO.
628

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

SUMMARY OF EARTHWORK

DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION	24,547	
REGULAR EMBANKMENT	725	

Regular Exc.		Embankment	
A	V	A	V
0	4	0	0
14	44	1	6



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

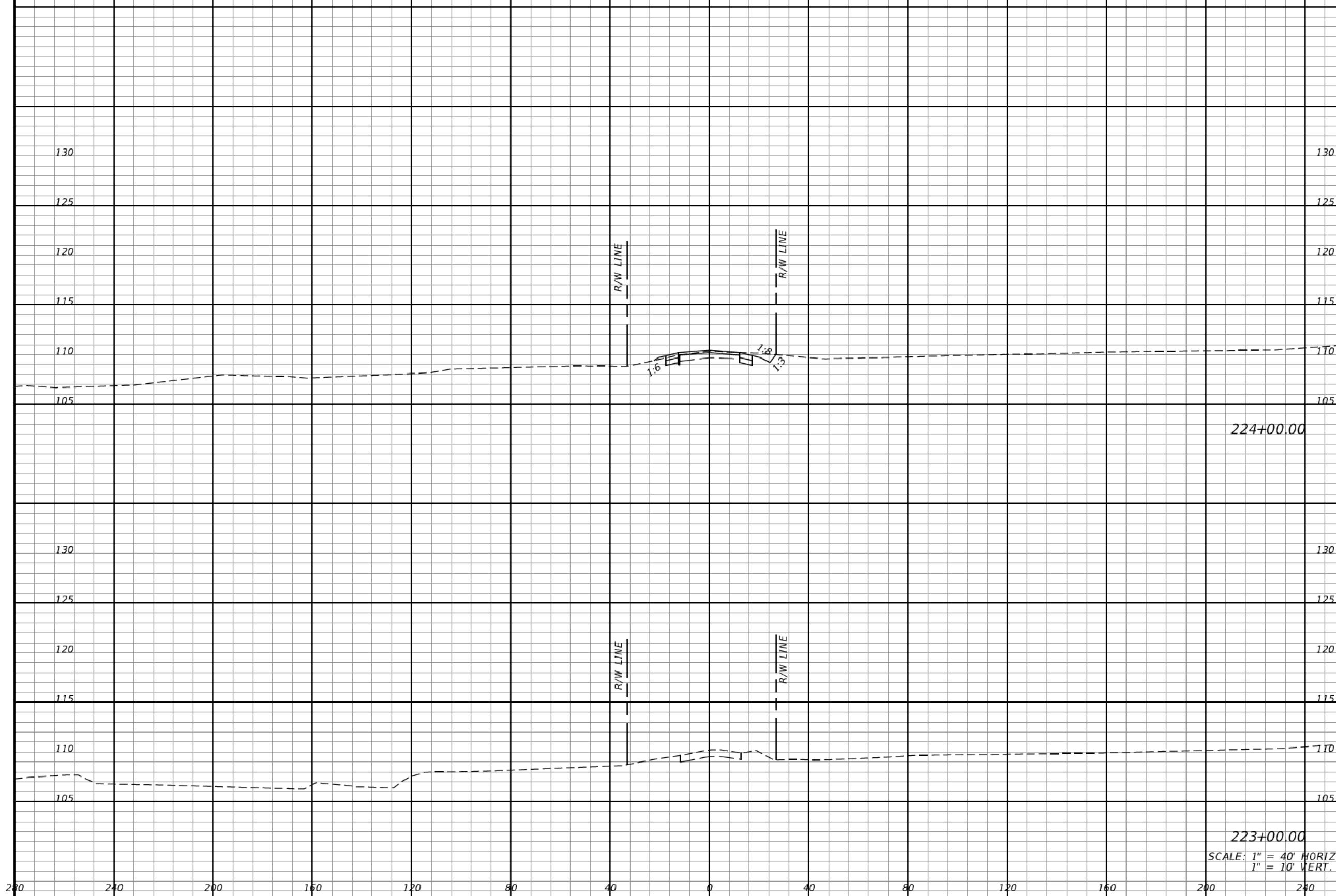


**CROSS SECTIONS
KELLY PARK RD**

SHEET NO.
629

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



18		1	
	33		2
0		0	
	0		0

223+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203

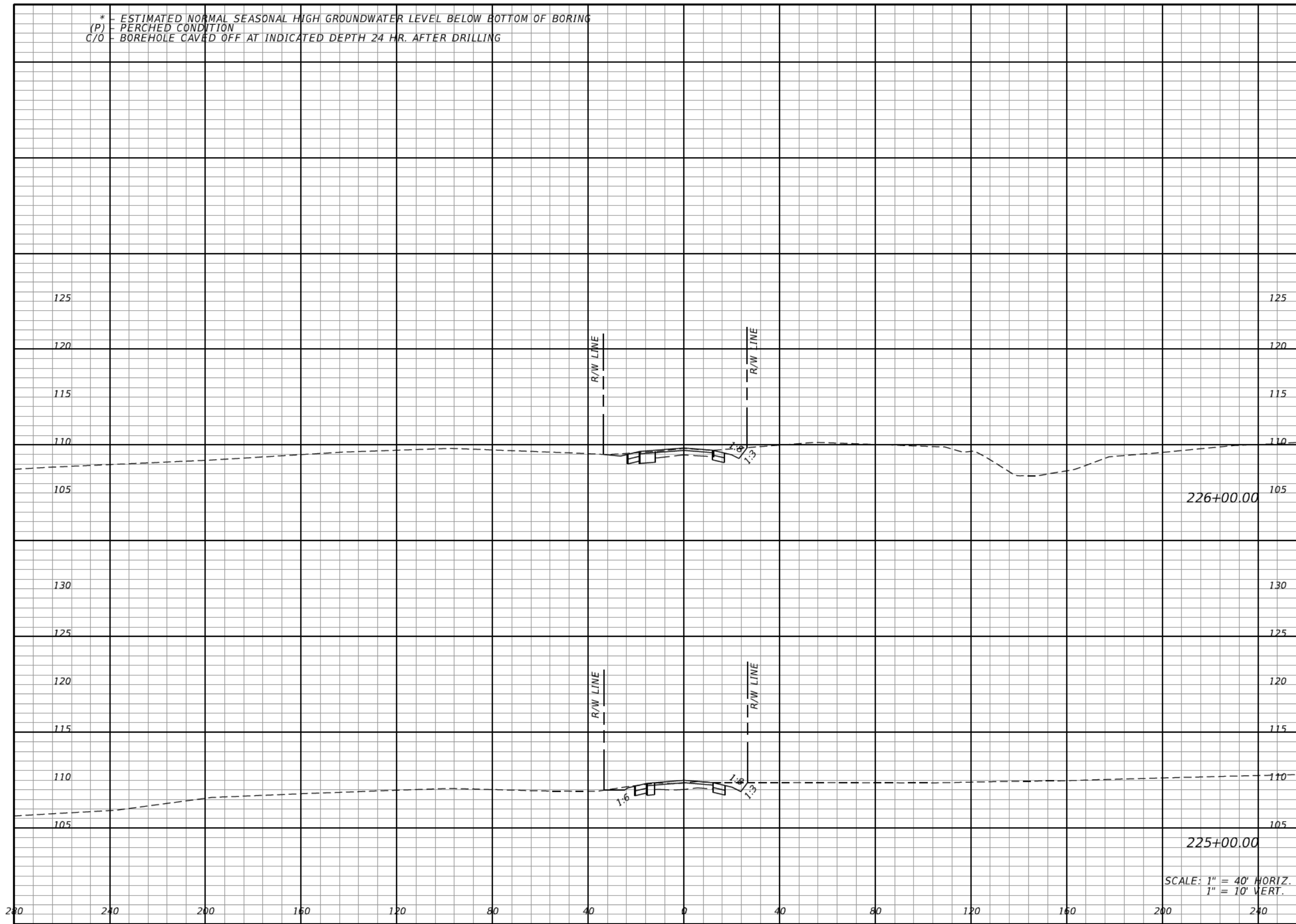


**CROSS SECTIONS
PLYMOUTH/SORRENTO RD**

SHEET NO.
630

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc.		Embankment	
A	V	A	V
30	100	0	0
24	78	0	2



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

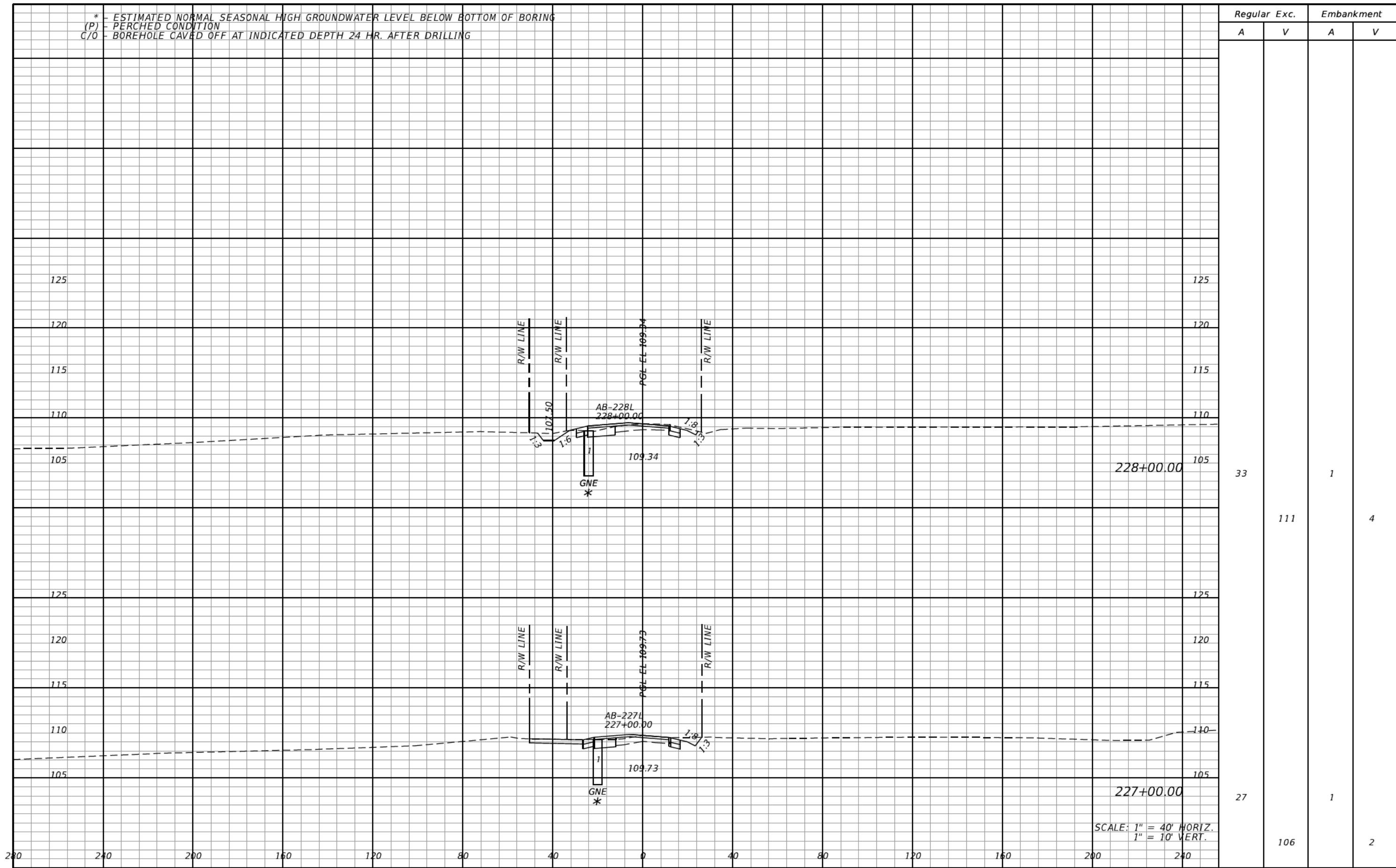
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



**CROSS SECTIONS
PLYMOUTH/SORRENTO RD**

SHEET NO.
631

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
33				1	
	111				4
27				1	
	106				2

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203

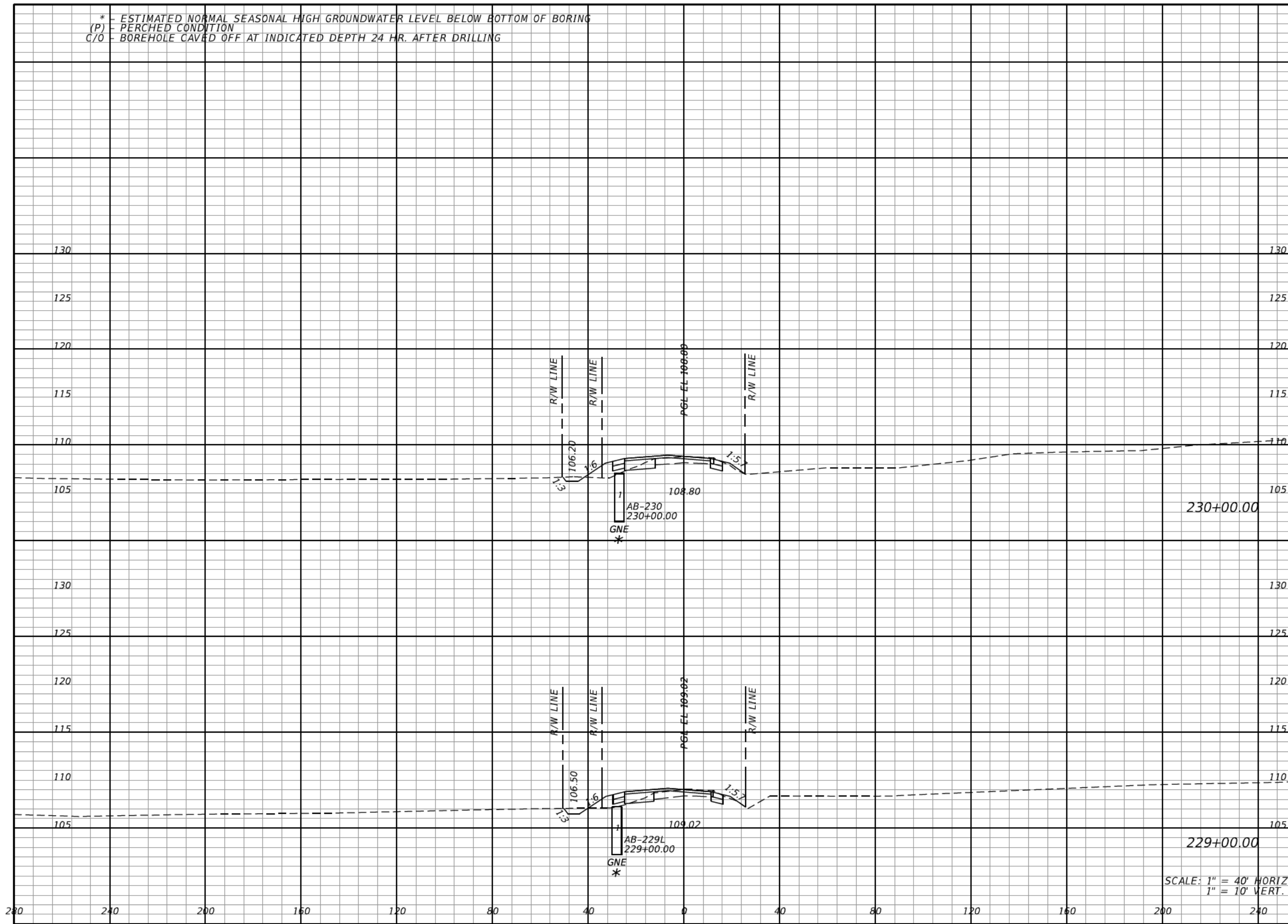


CROSS SECTIONS PLYMOUTH/SORRENTO RD

SHEET NO. 632

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
18	67	16	52		
18	94	12	24		



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

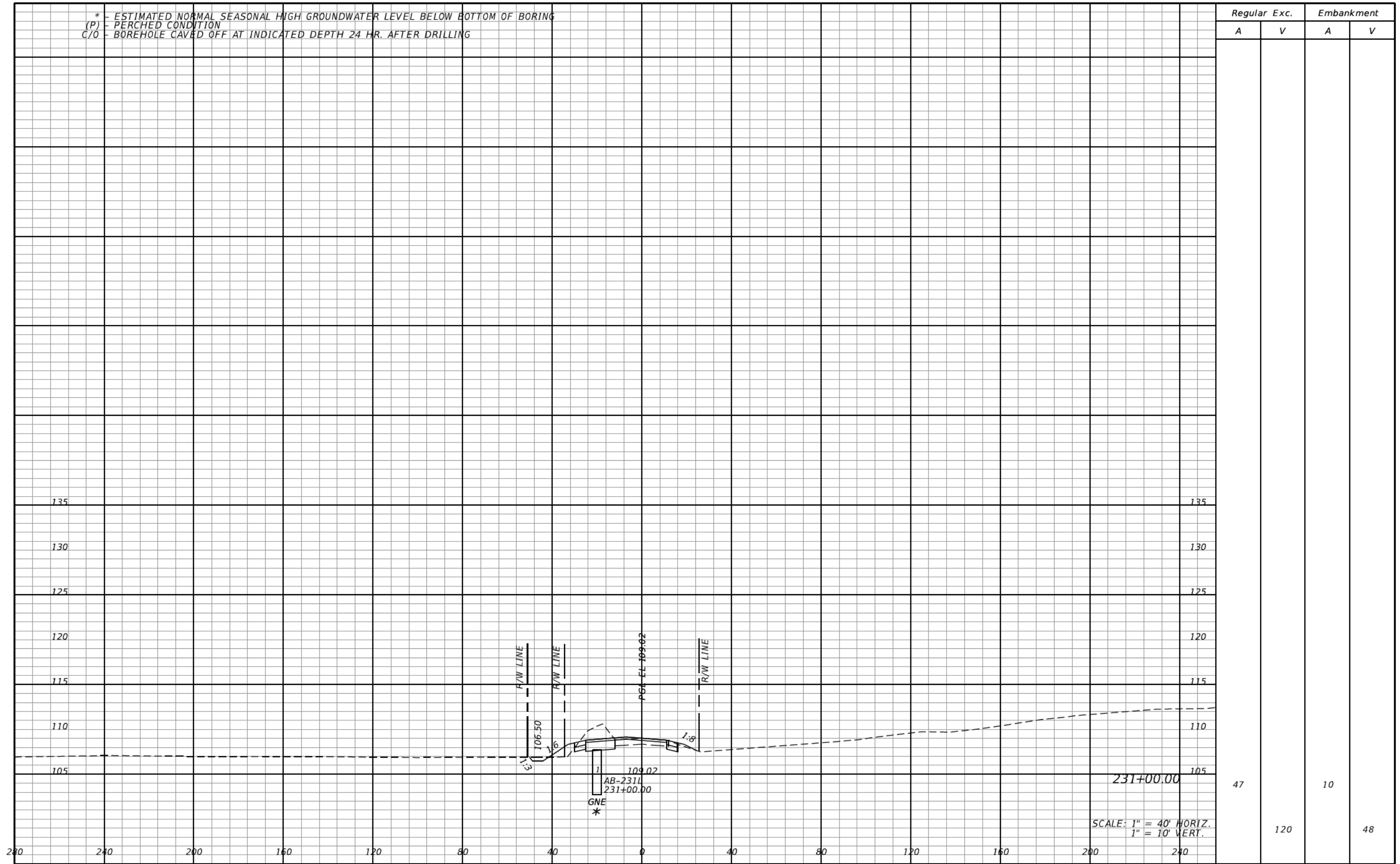
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



**CROSS SECTIONS
PLYMOUTH/SORRENTO RD**

SHEET NO. 633

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
47			120	10	
					48

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

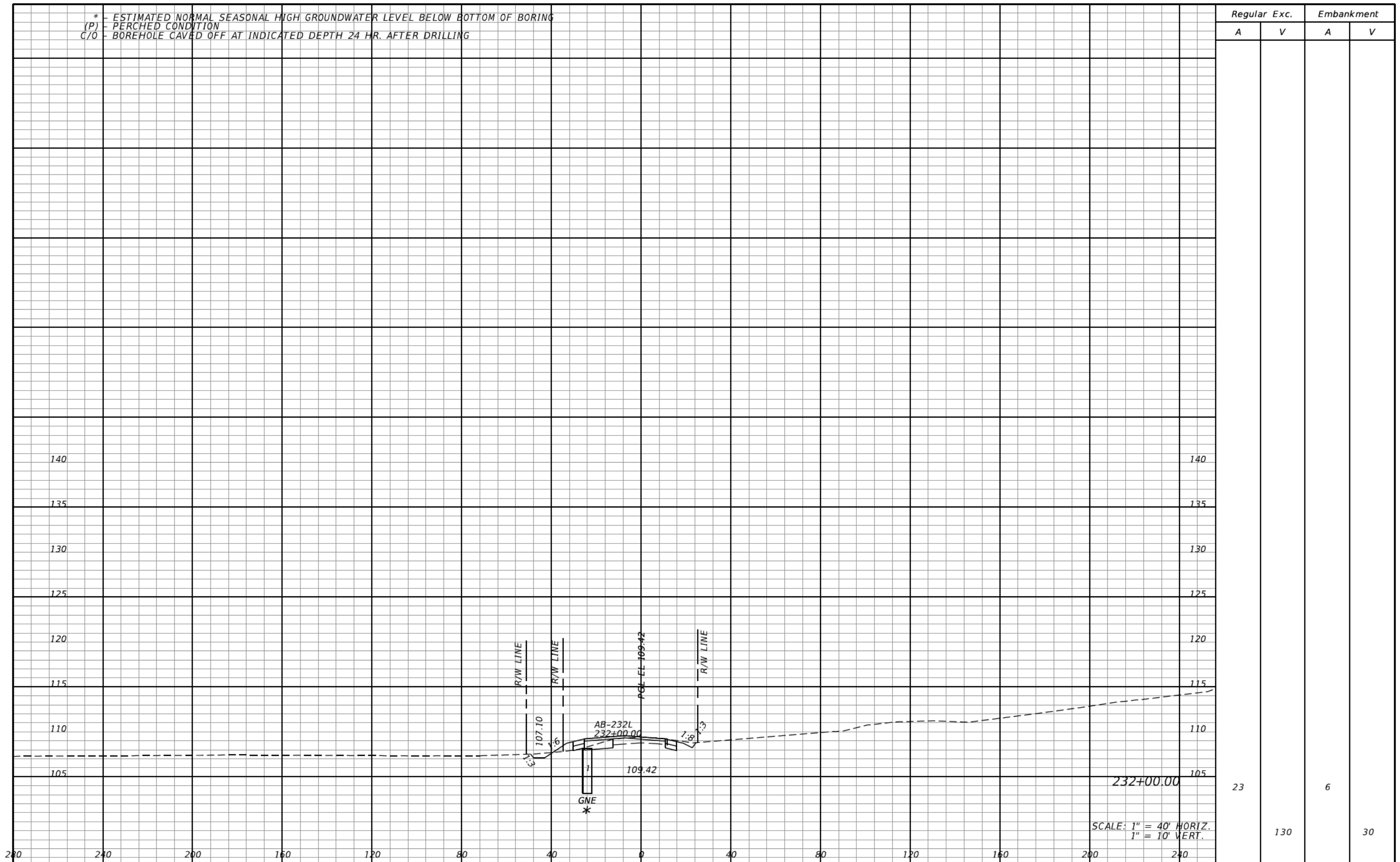


CROSS SECTIONS
PLYMOUTH/SORRENTO RD

SHEET NO.
634

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



Regular Exc.		Embankment	
A	V	A	V
23		6	
	130		30

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

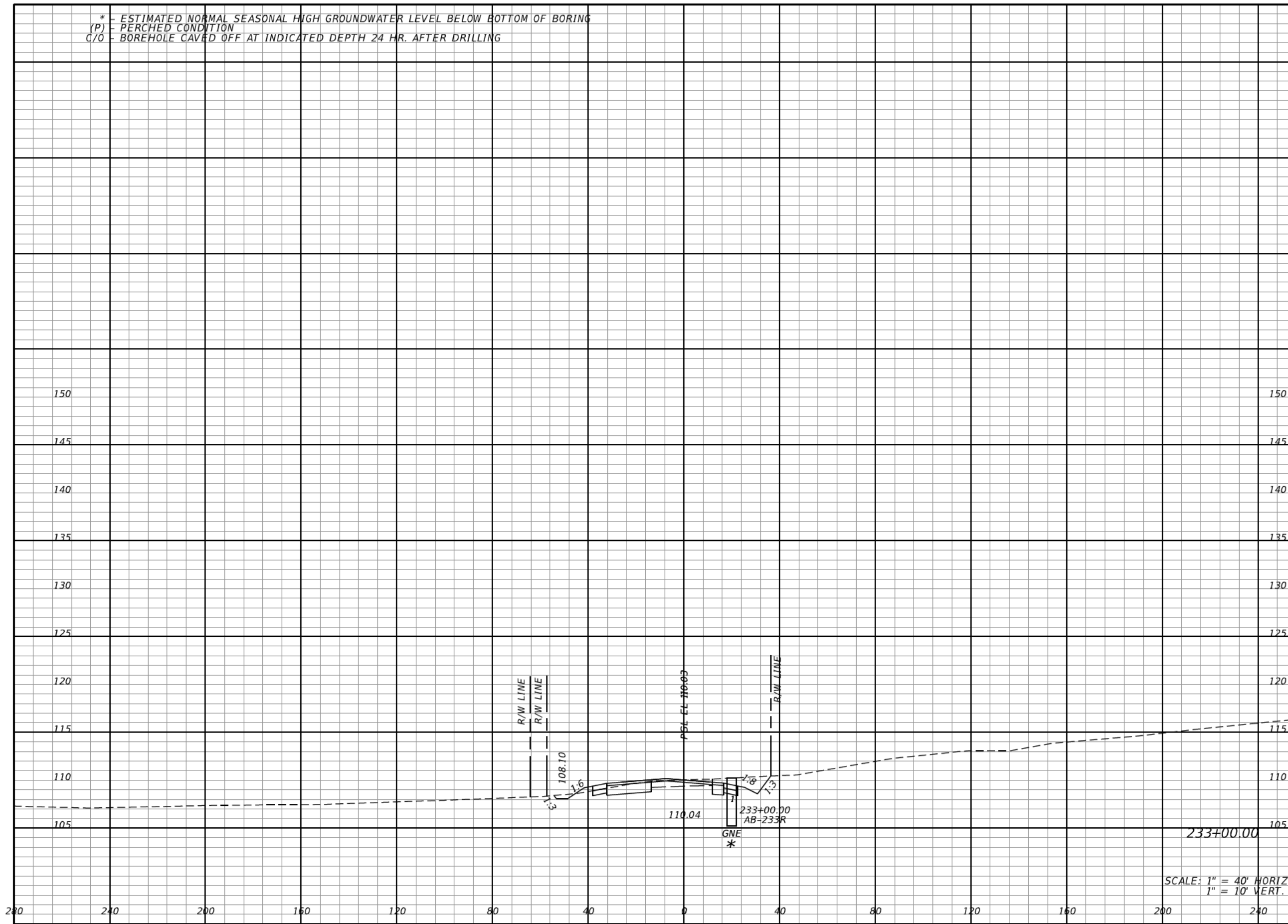


CROSS SECTIONS
PLYMOUTH/SORRENTO RD

SHEET NO.
635

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
63			159	3	17



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

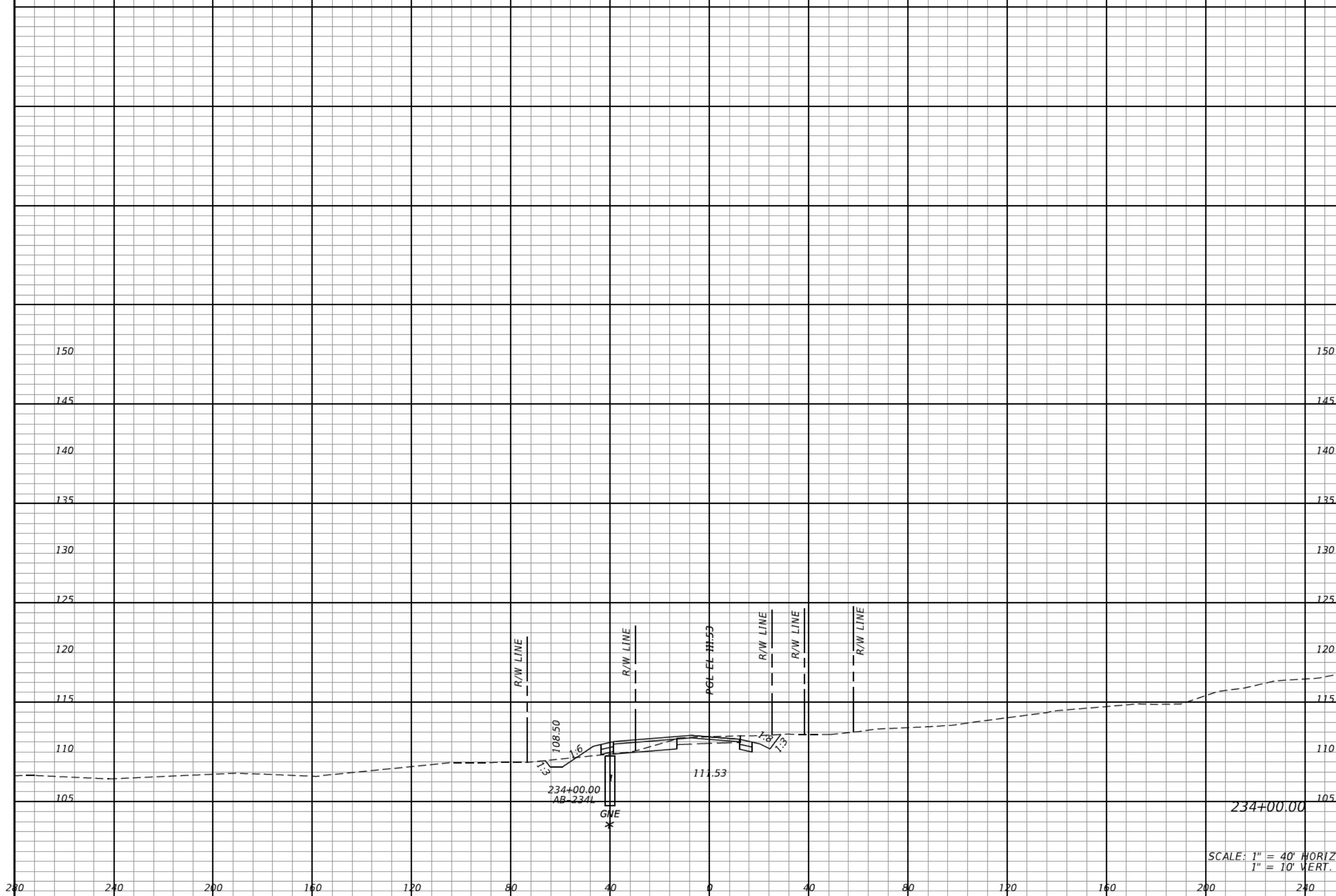


**CROSS SECTIONS
PLYMOUTH/SORRENTO RD**

SHEET NO.
636

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
41				7	
		193			19



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

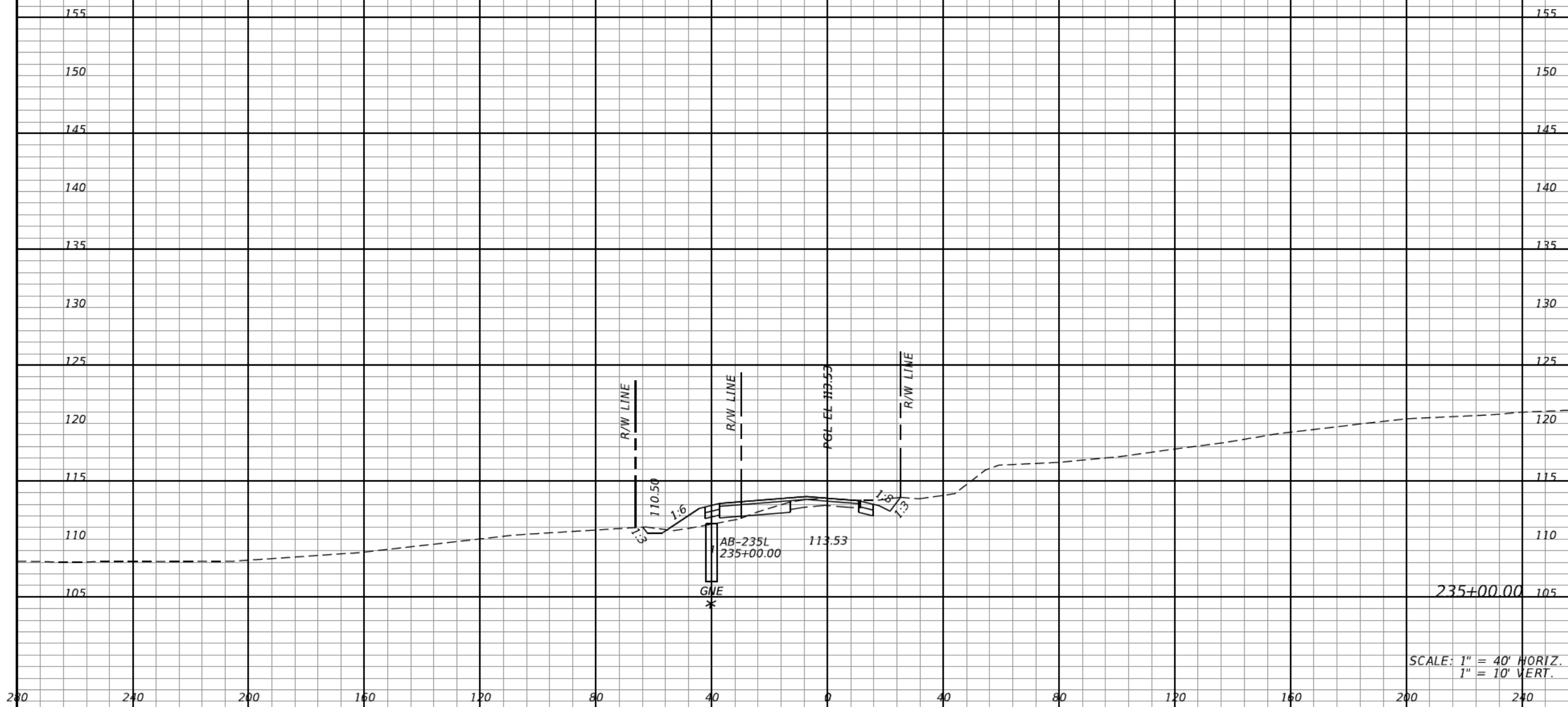


CROSS SECTIONS PLYMOUTH/SORRENTO RD

SHEET NO. 637

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V



SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

Regular		Exc.		Embankment	
A	V	A	V	A	V
25			122	19	48

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429 PROJECT NO. 429-203

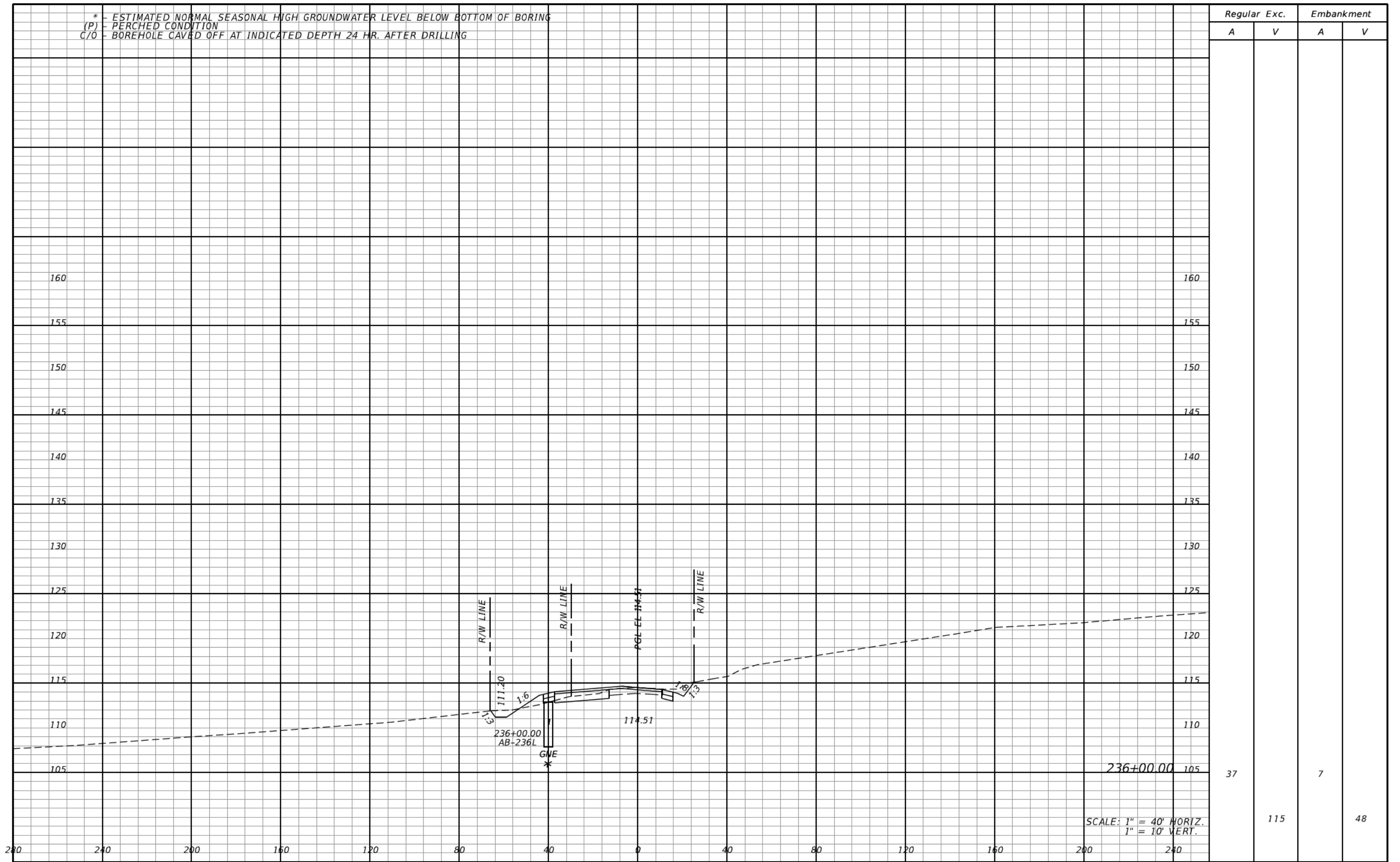


CROSS SECTIONS
PLYMOUTH/SORRENTO RD

SHEET NO. 638

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. A V
 Embankment A V



SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS		DATE	DESCRIPTION	DANIEL F. CHRISTIE, P.E. P.E. LICENSE NUMBER 64849 DEWBERRY BOWYER-SINGLETON 520 S. MAGNOLIA AVE. ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			CROSS SECTIONS PLYMOUTH/SORRENTO RD	SHEET NO.
DATE	DESCRIPTION				ROAD NO.	PROJECT NO.			
					SR 429	429-203		639	

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.	Embankment	
A	V	A	V	
45		3		
	152		19	



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

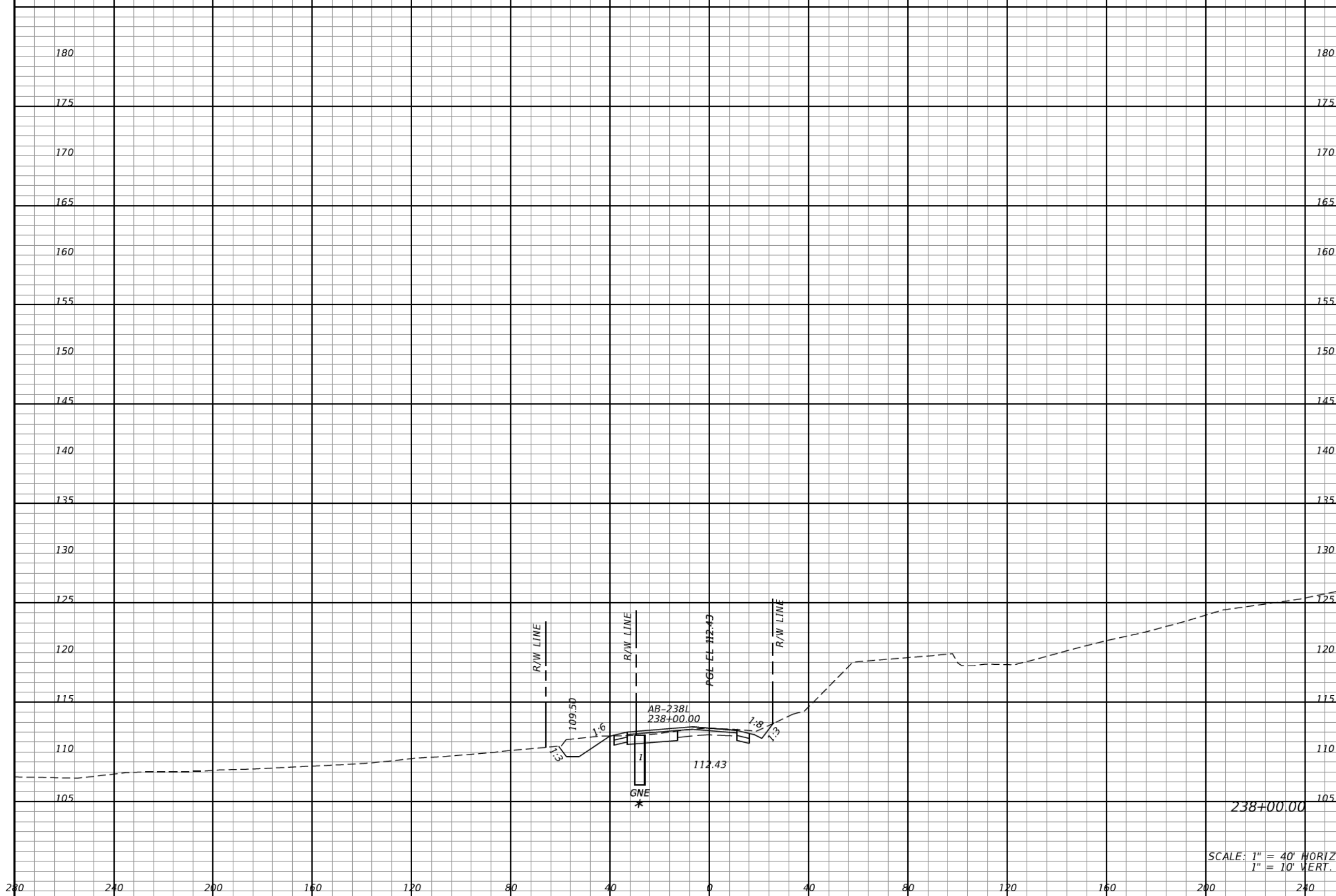


**CROSS SECTIONS
PLYMOUTH/SORRENTO RD**

SHEET NO.
640

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
60				0	
	194				6



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

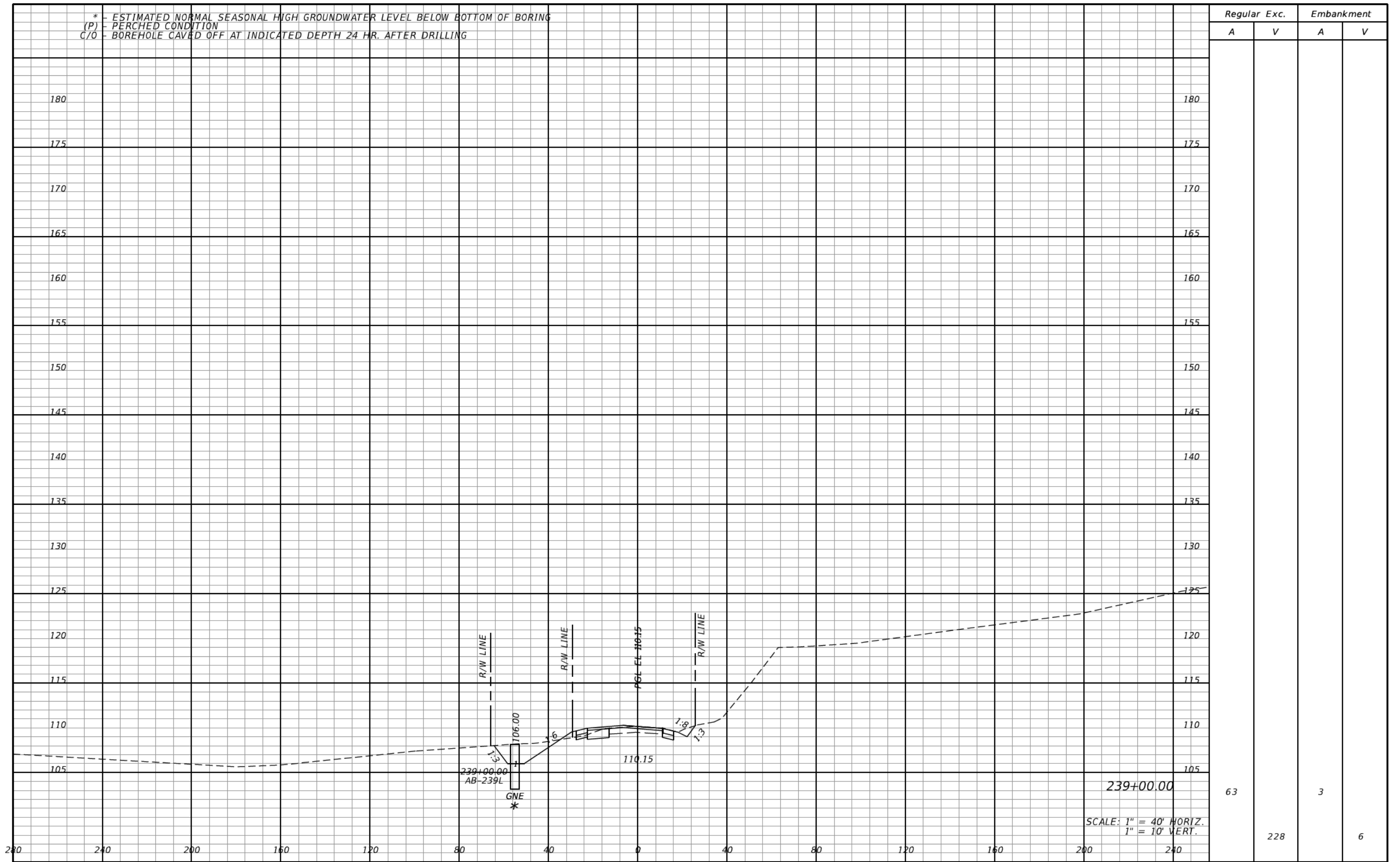


CROSS SECTIONS PLYMOUTH/SORRENTO RD

SHEET NO. 641

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
 A V A V



63 228 3 6

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

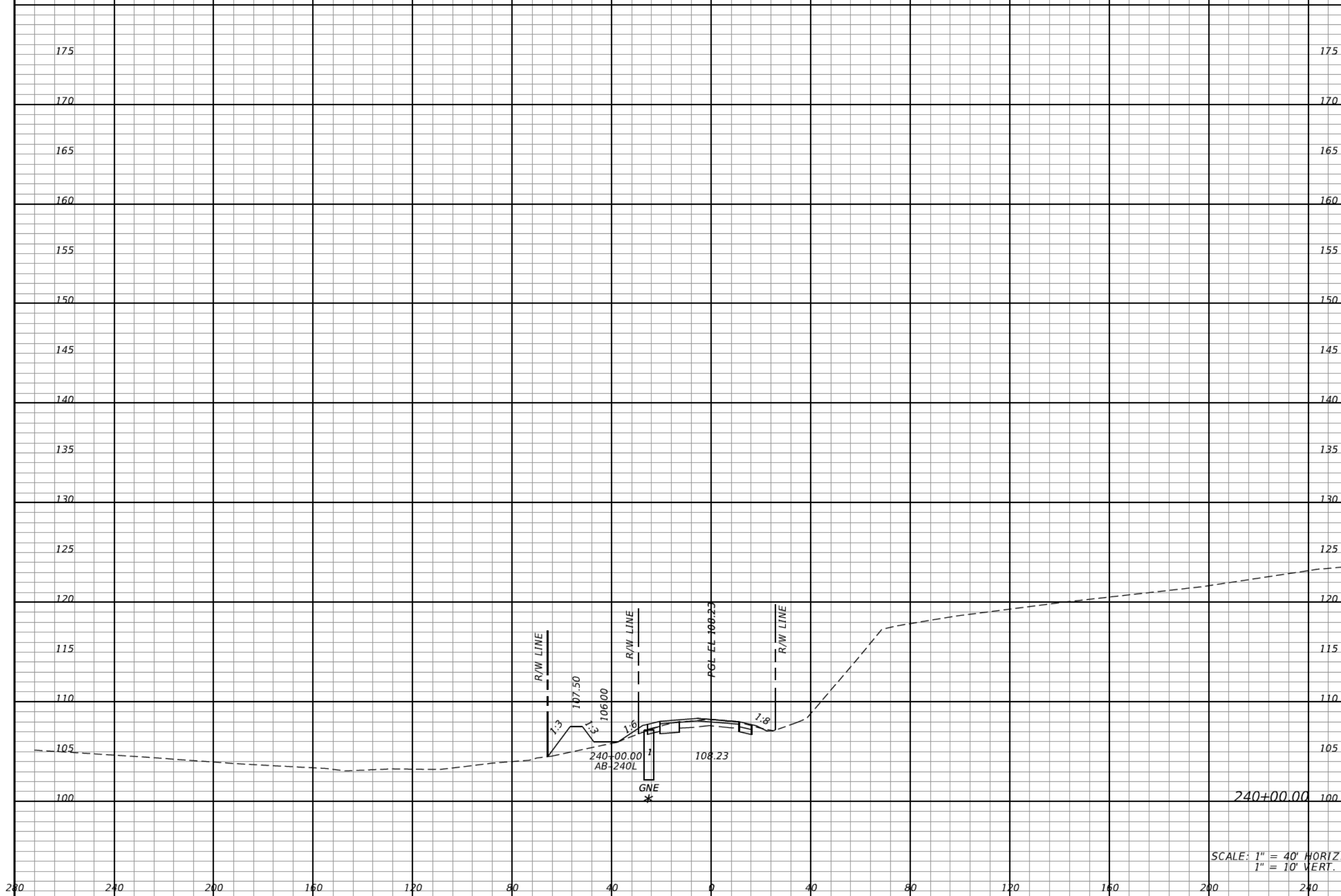
ROAD NO. SR 429	PROJECT NO. 429-203
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**CROSS SECTIONS
 PLYMOUTH/SORRENTO RD**

SHEET NO.
642

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



18 38 150 76

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

DATE		DESCRIPTION	

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203



CROSS SECTIONS
PLYMOUTH/SORRENTO RD

SHEET NO.
643

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc.		Embankment	
A	V	A	V
19	69	0	70



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

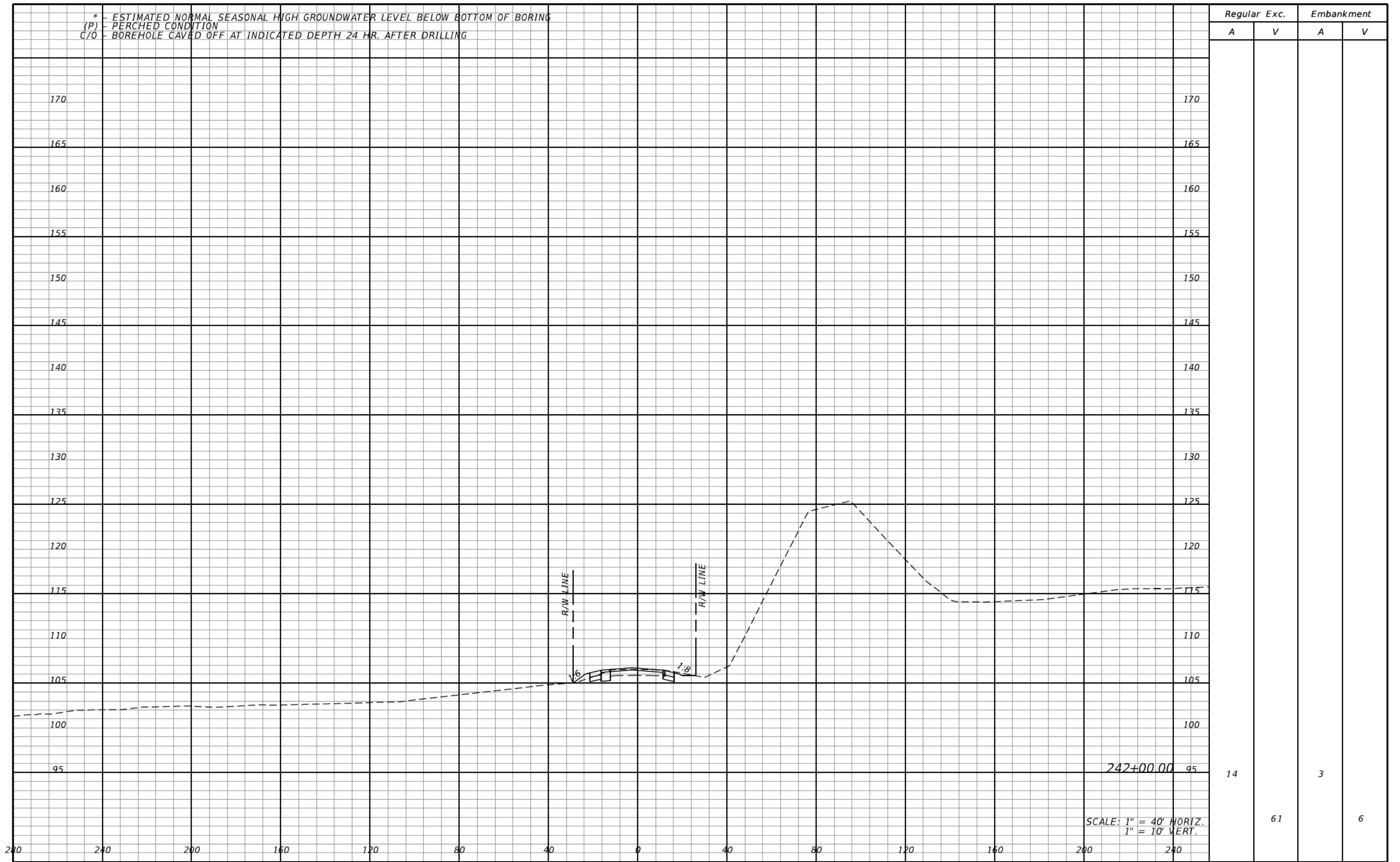
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS PLYMOUTH/SORRENTO RD

SHEET NO. 644

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

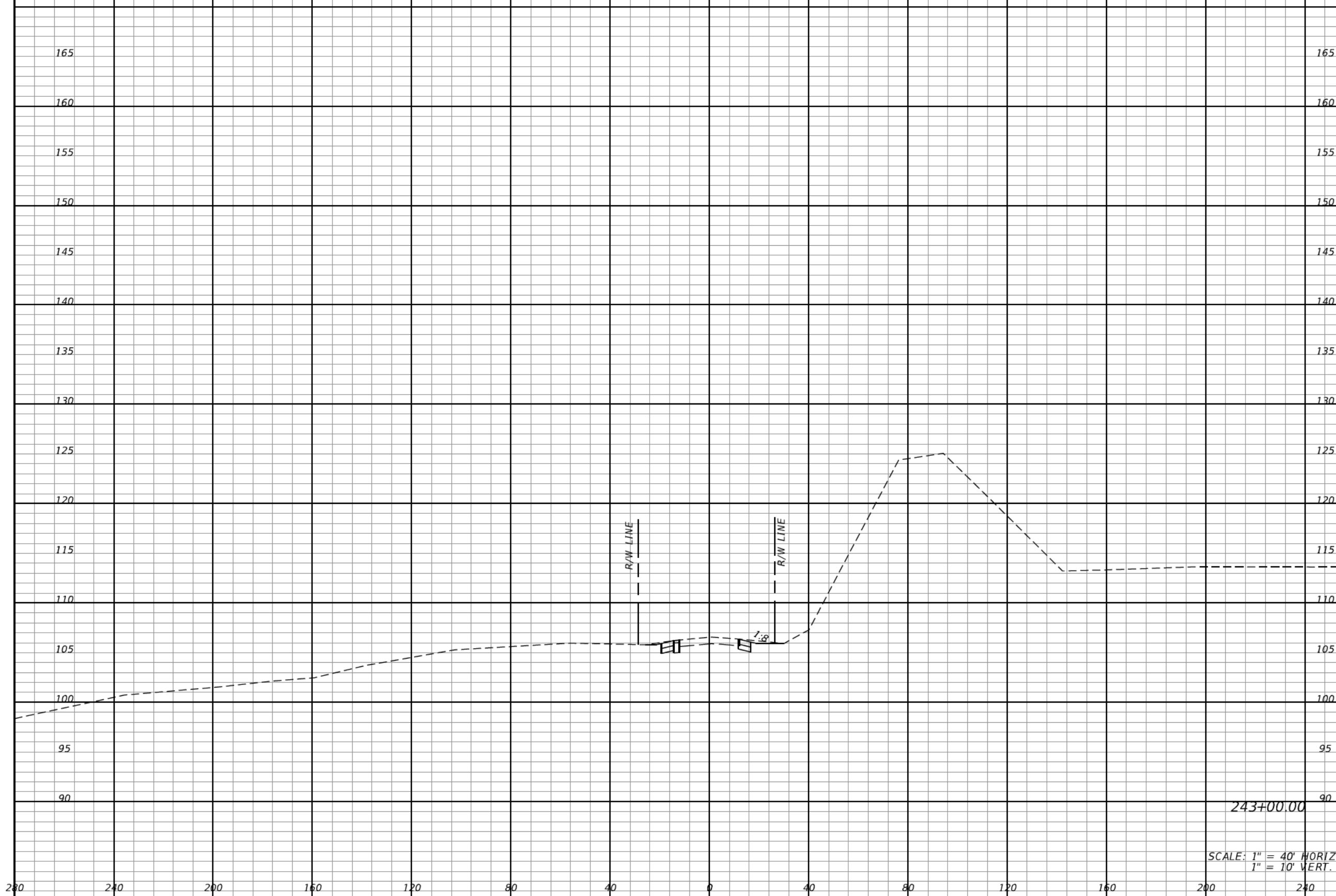


**CROSS SECTIONS
PLYMOUTH/SORRENTO RD**

SHEET NO.
645

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
16				0	
	56				6



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



**CROSS SECTIONS
PLYMOUTH/SORRENTO RD**

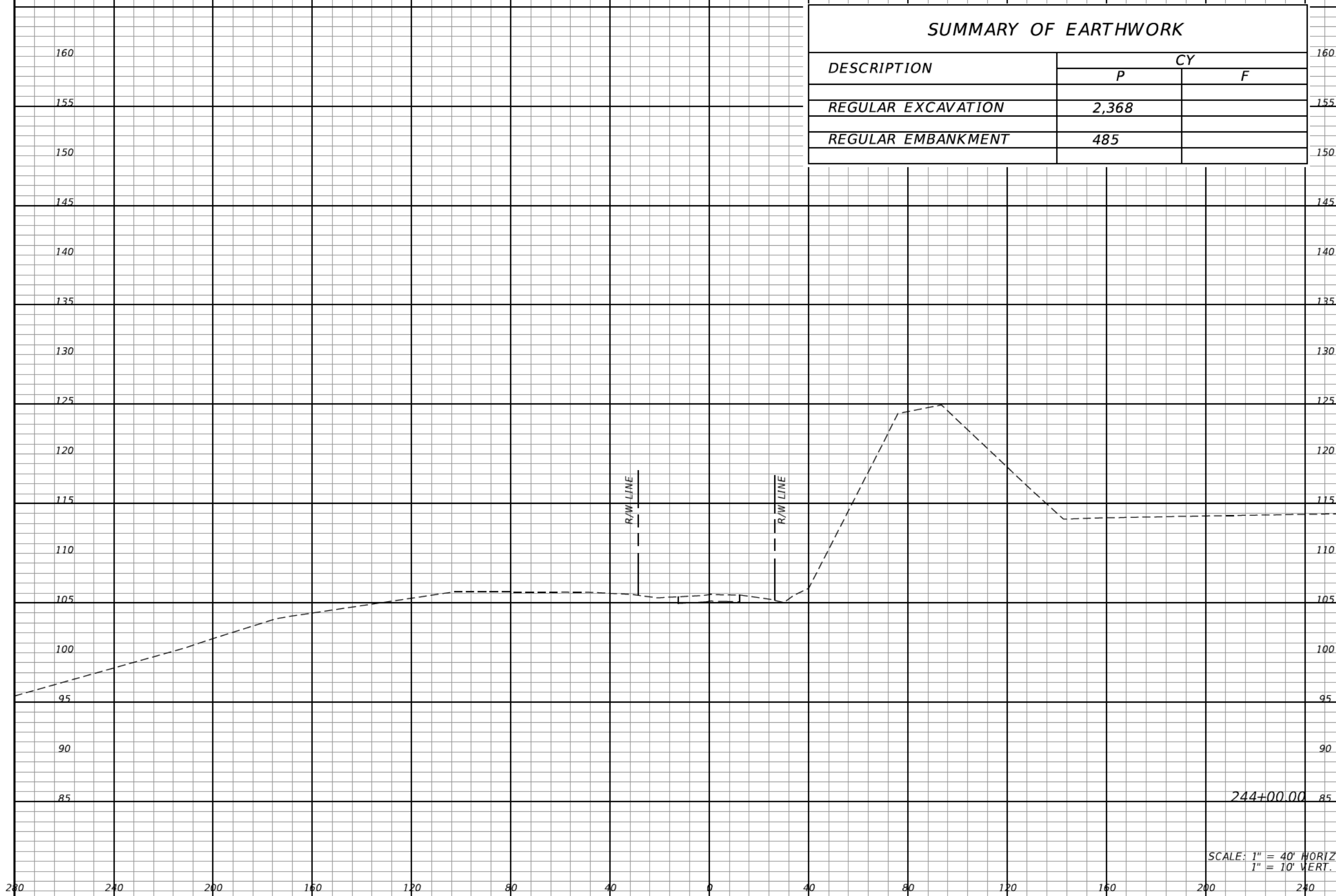
SHEET NO.
646

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

SUMMARY OF EARTHWORK

DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION	2,368	
REGULAR EMBANKMENT	485	

Regular Exc.		Embankment	
A	V	A	V
0	30	0	0



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

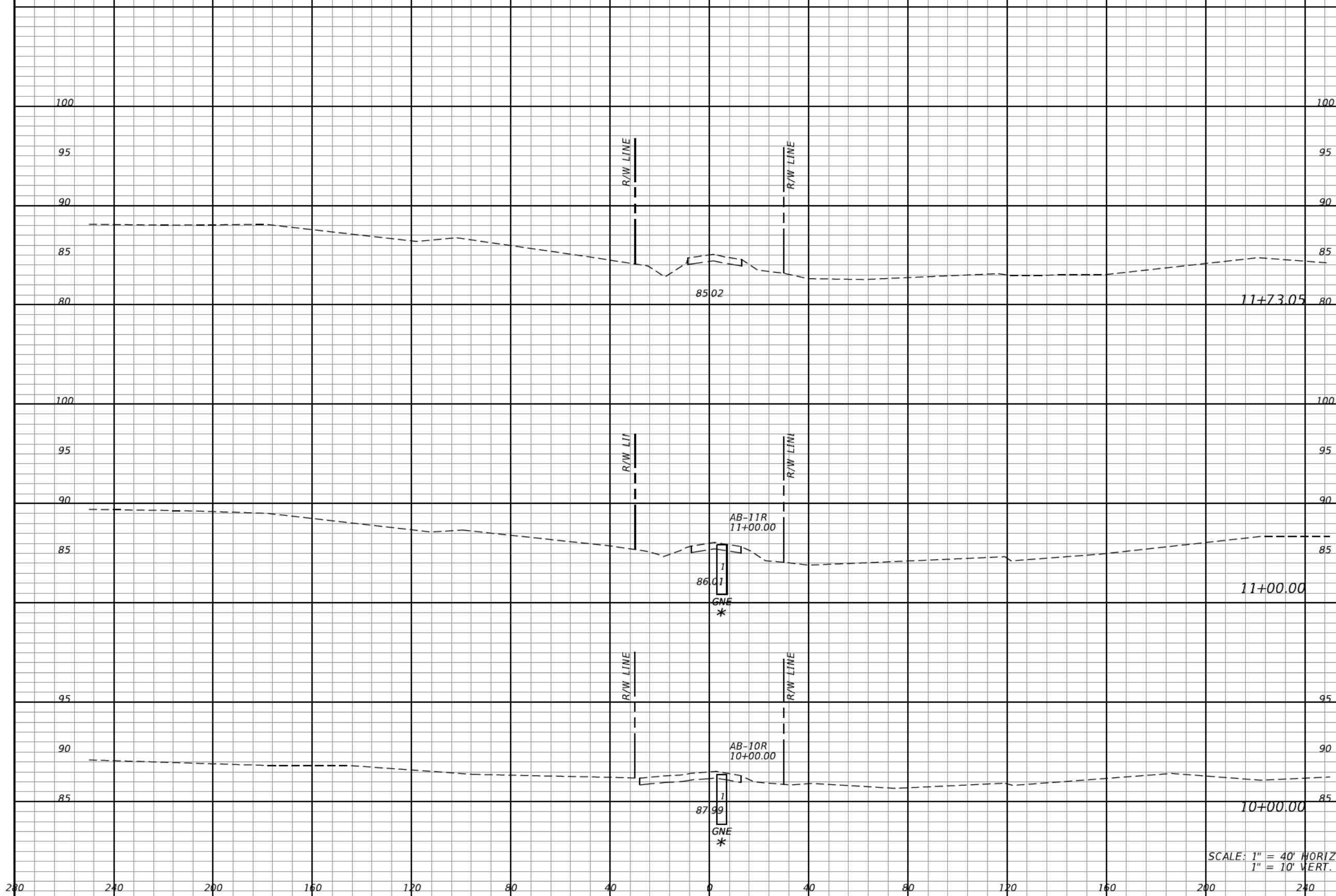


CROSS SECTIONS PLYMOUTH/SORRENTO RD

SHEET NO. 647

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				0	
	0				0
	0				0
	0				0
	0				0
	0				0
	0				0
	0				0



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

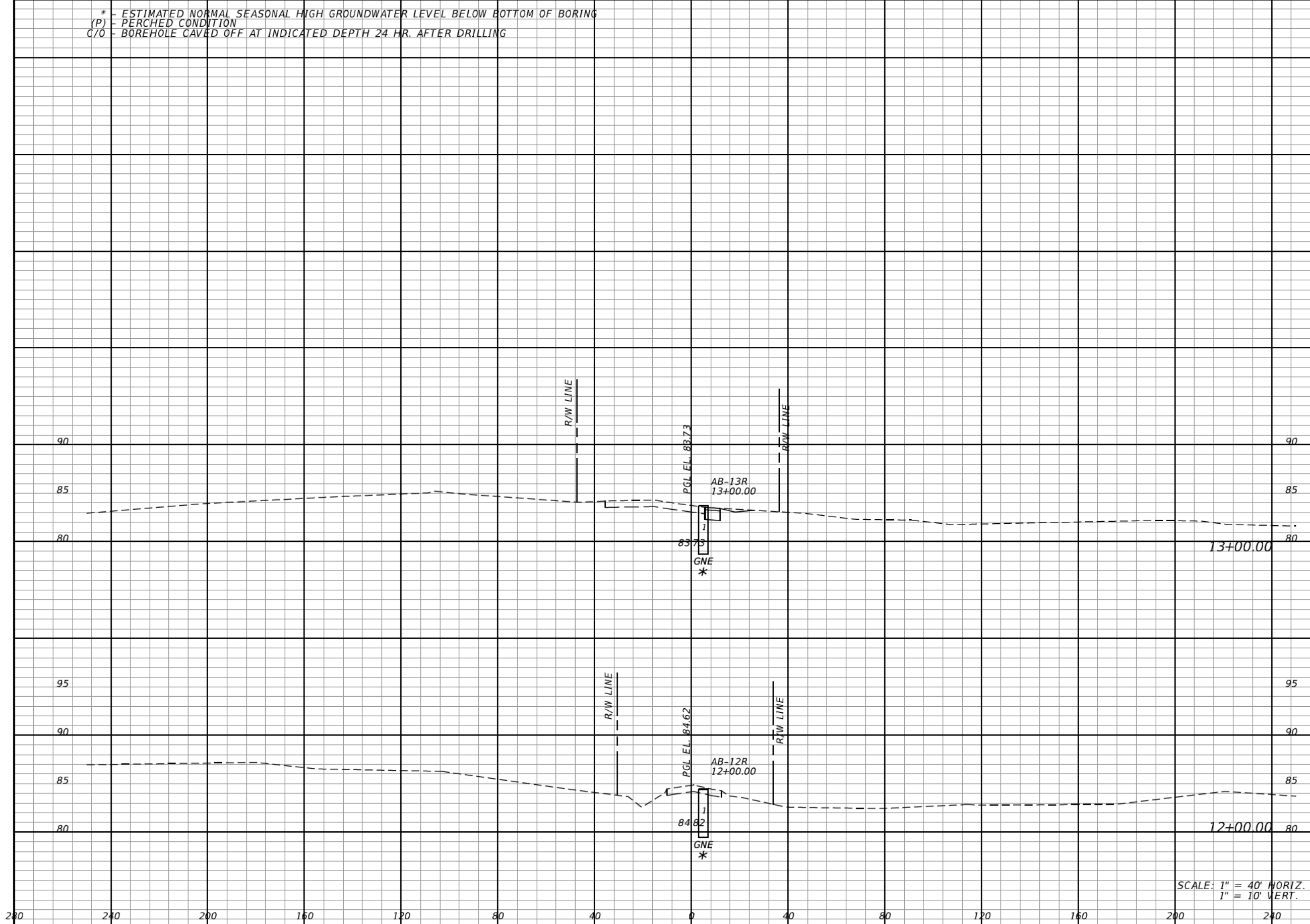
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



CROSS SECTIONS
PHILS LANE

SHEET NO.
648

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
10	0	19	0	0	0
0	0	0	0	0	0

SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

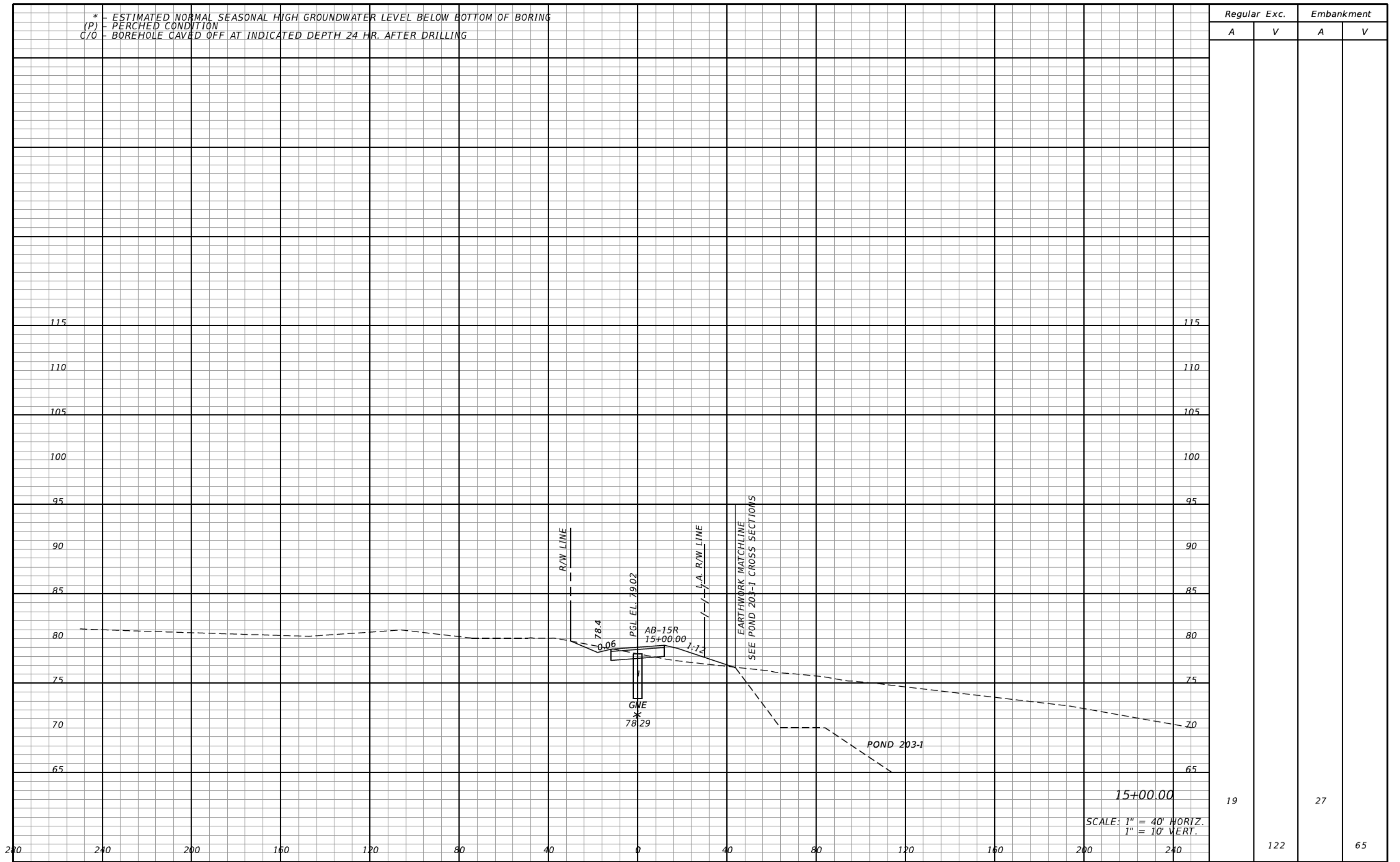


**CROSS SECTIONS
PHILS LANE**

SHEET NO.
649

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



15+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

19 27
122 65

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203



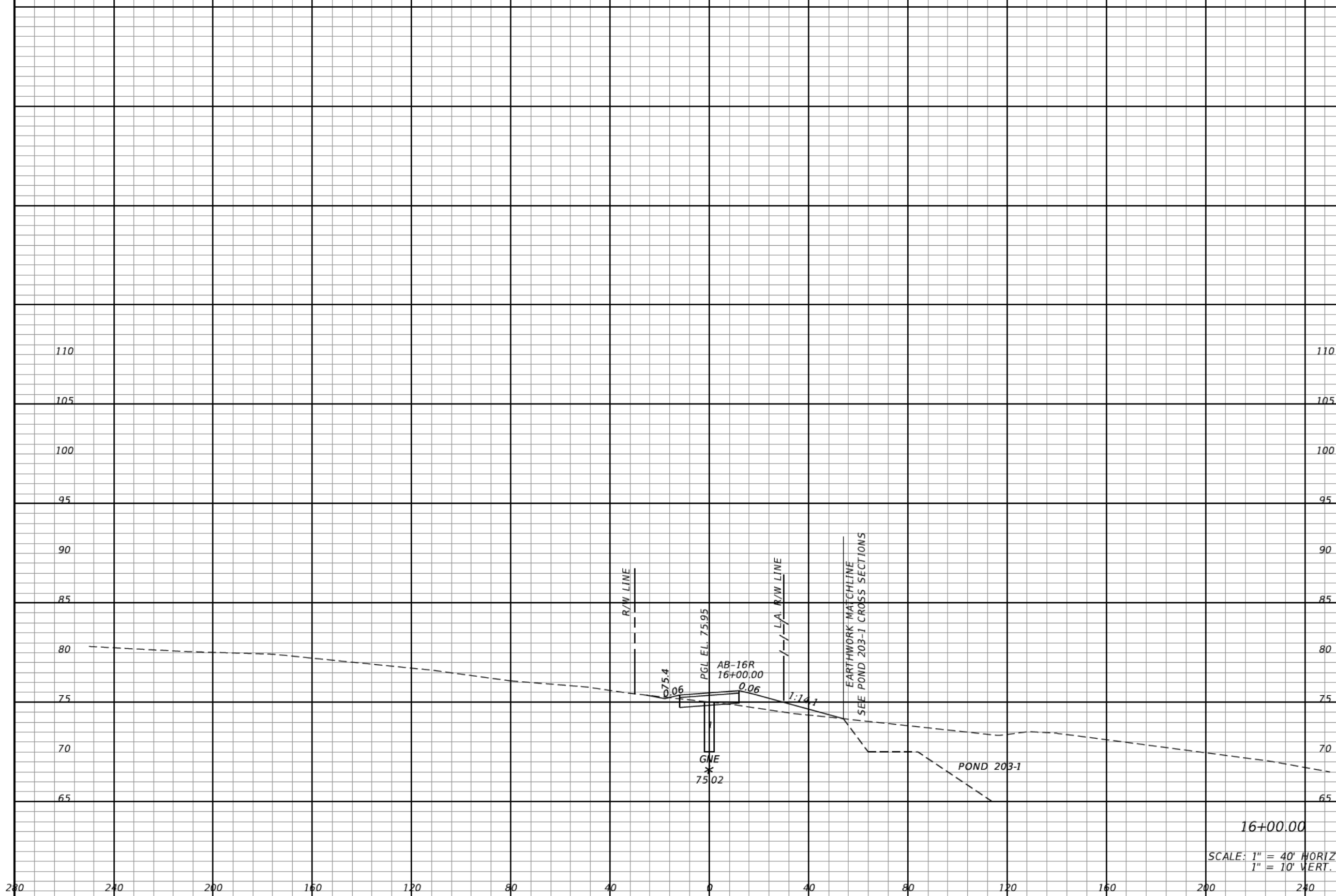
CROSS SECTIONS
PHILS LANE

SHEET NO.
651

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



16+00.00

SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

9

36

52

117

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-203



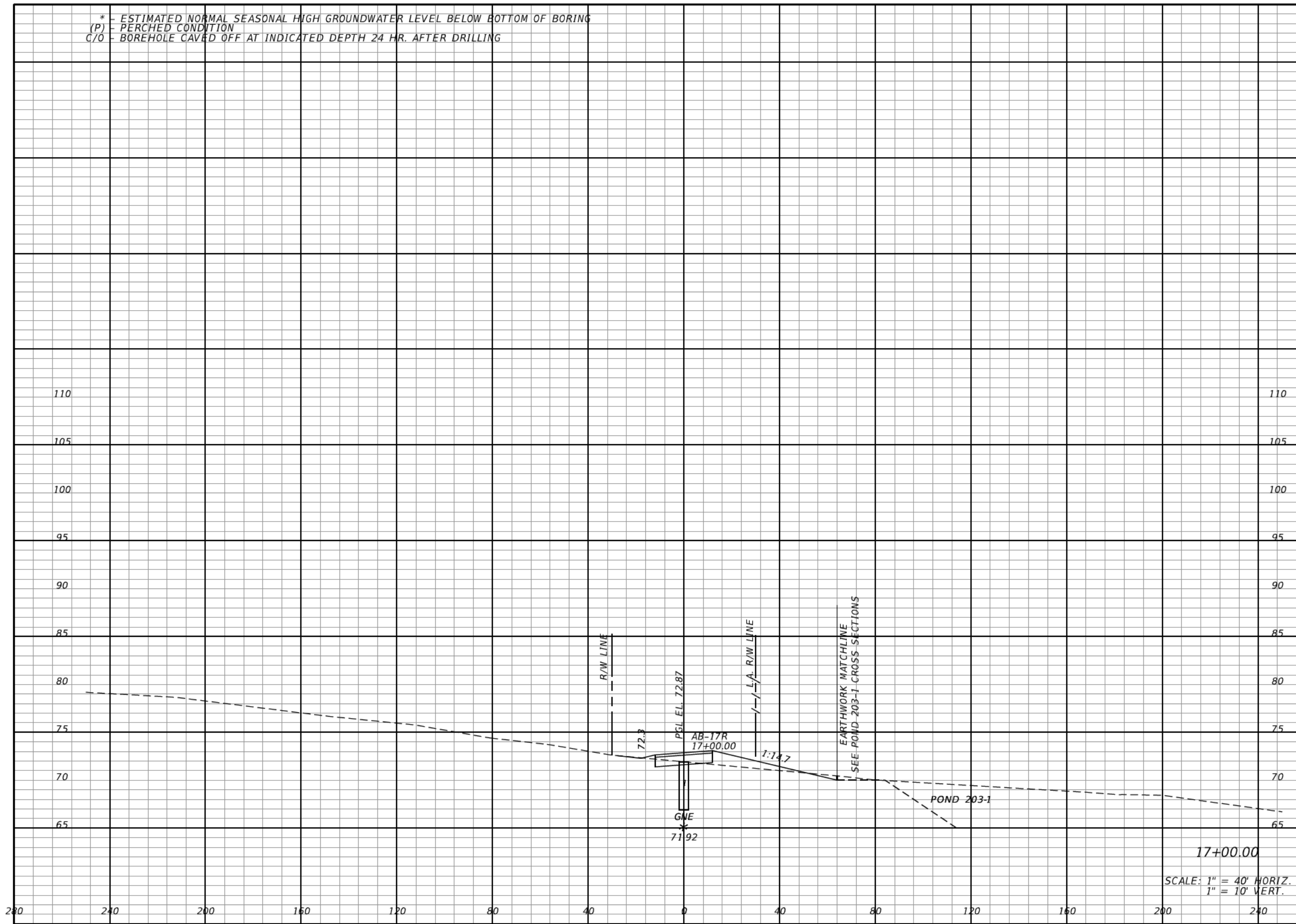
**CROSS SECTIONS
 PHILS LANE**

SHEET NO.
652

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



11 30 37 122

17+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203



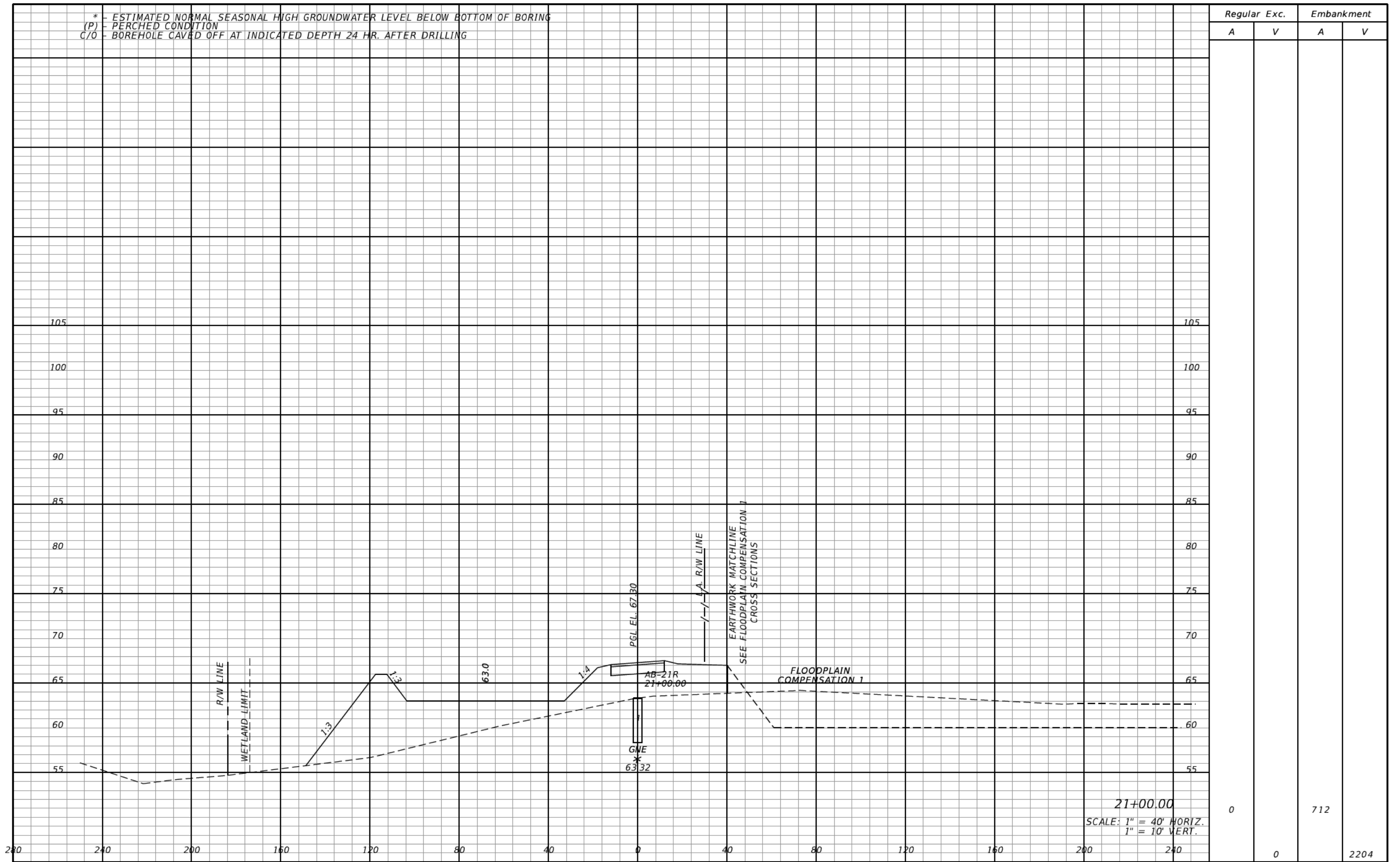
CROSS SECTIONS PHILS LANE

SHEET NO.
653

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment

A V A V



21+00.00
SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

0	0	712	2204
---	---	-----	------

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

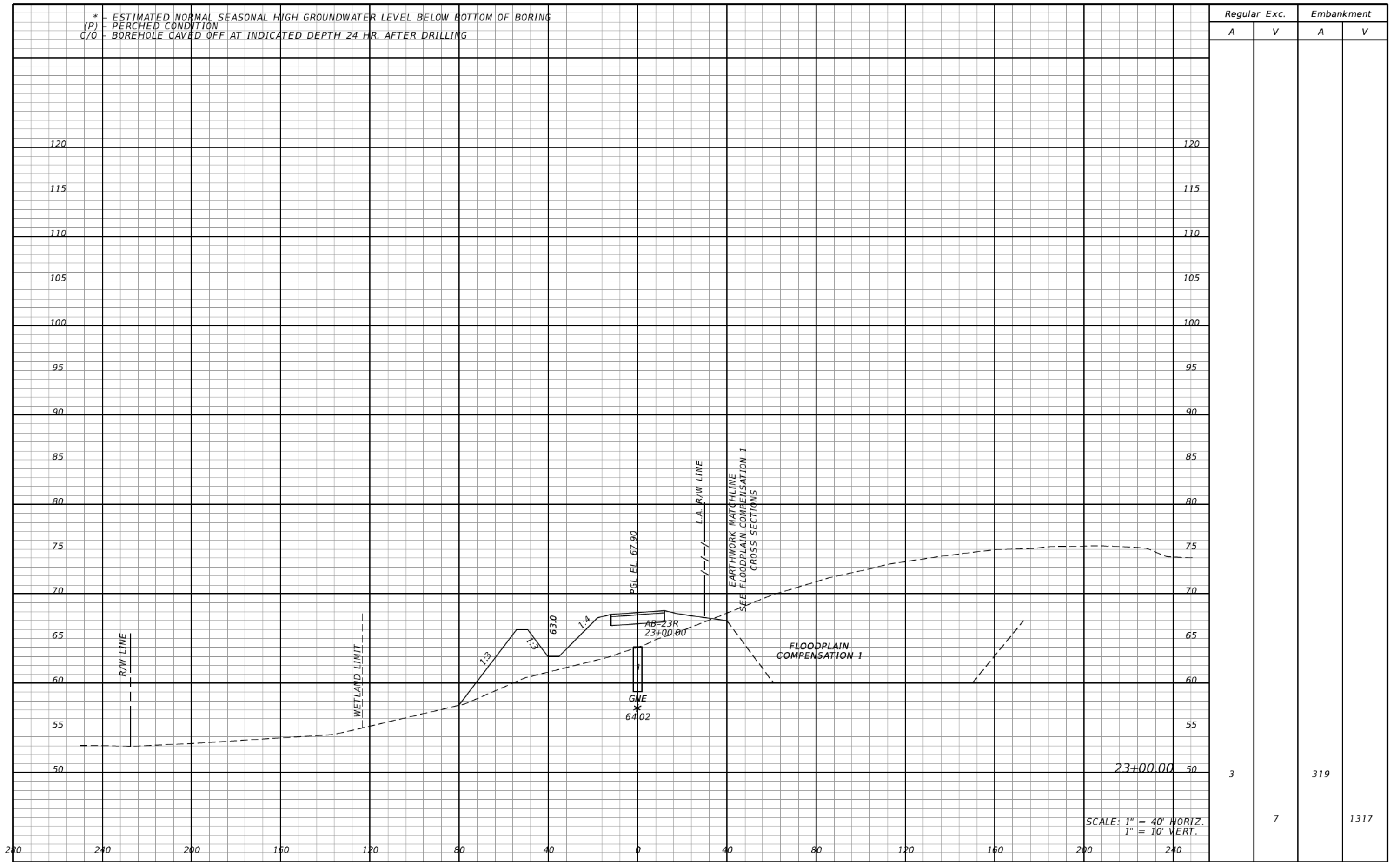
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



CROSS SECTIONS
PHILS LANE

SHEET NO.
657

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

Regular		Exc.		Embankment	
A	V	A	V	A	V
3				319	
	7				1317

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

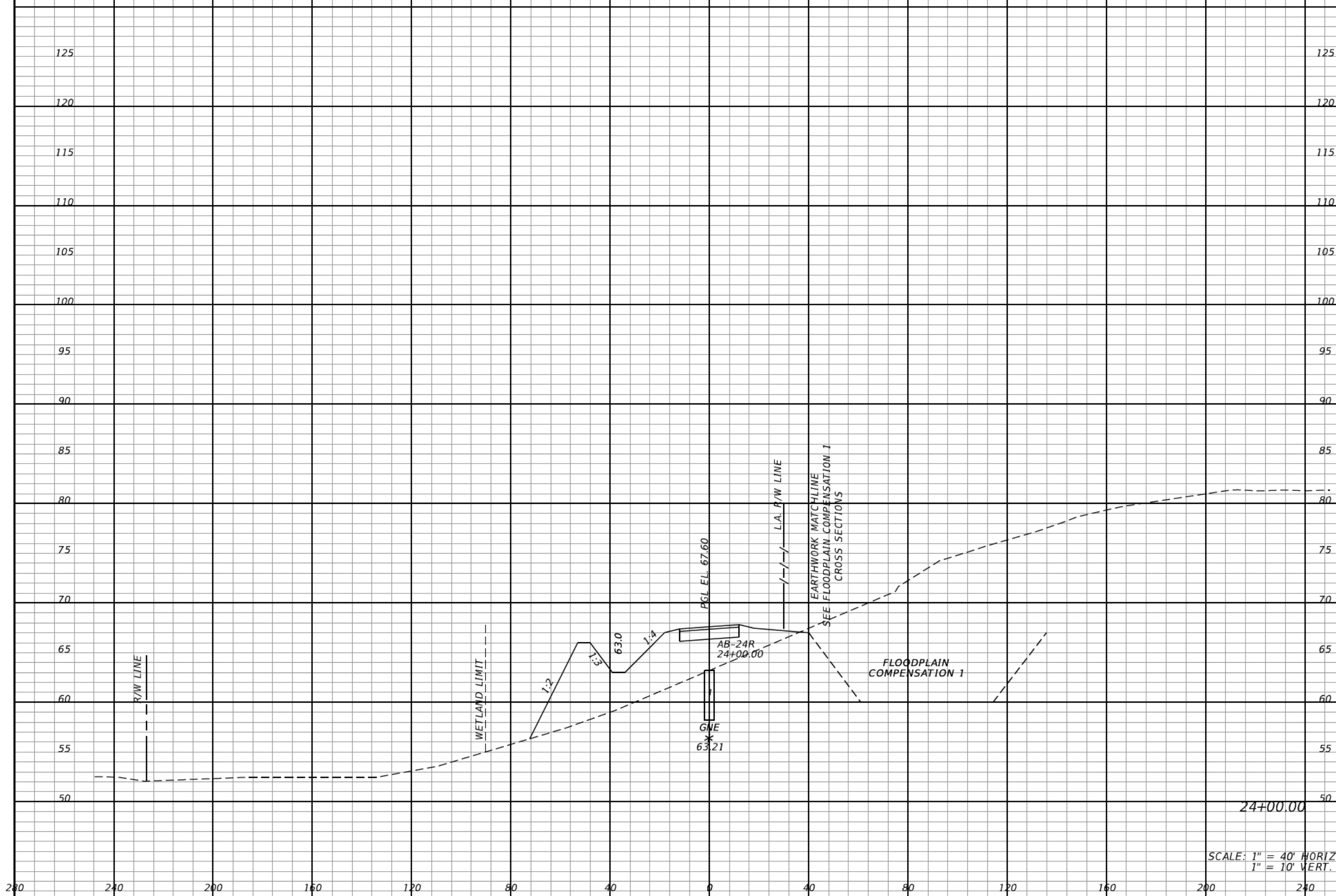


**CROSS SECTIONS
PHILS LANE**

SHEET NO.
659

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
1				411	
	7				1352



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

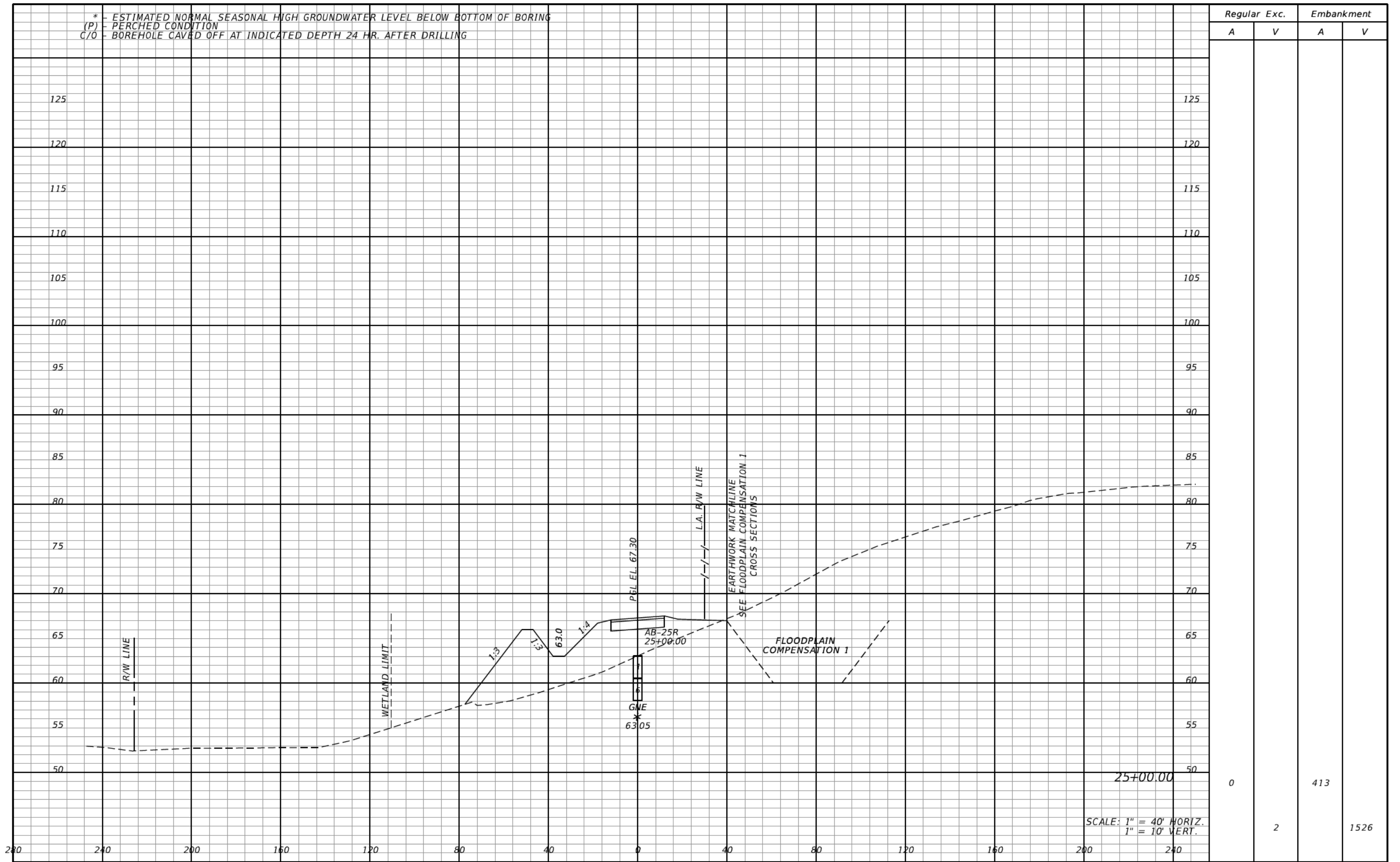
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-203



CROSS SECTIONS PHILS LANE

SHEET NO. 660

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING



Regular		Exc.		Embankment	
A	V	A	V	A	V
0				413	
	2				1526

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429 PROJECT NO. 429-203

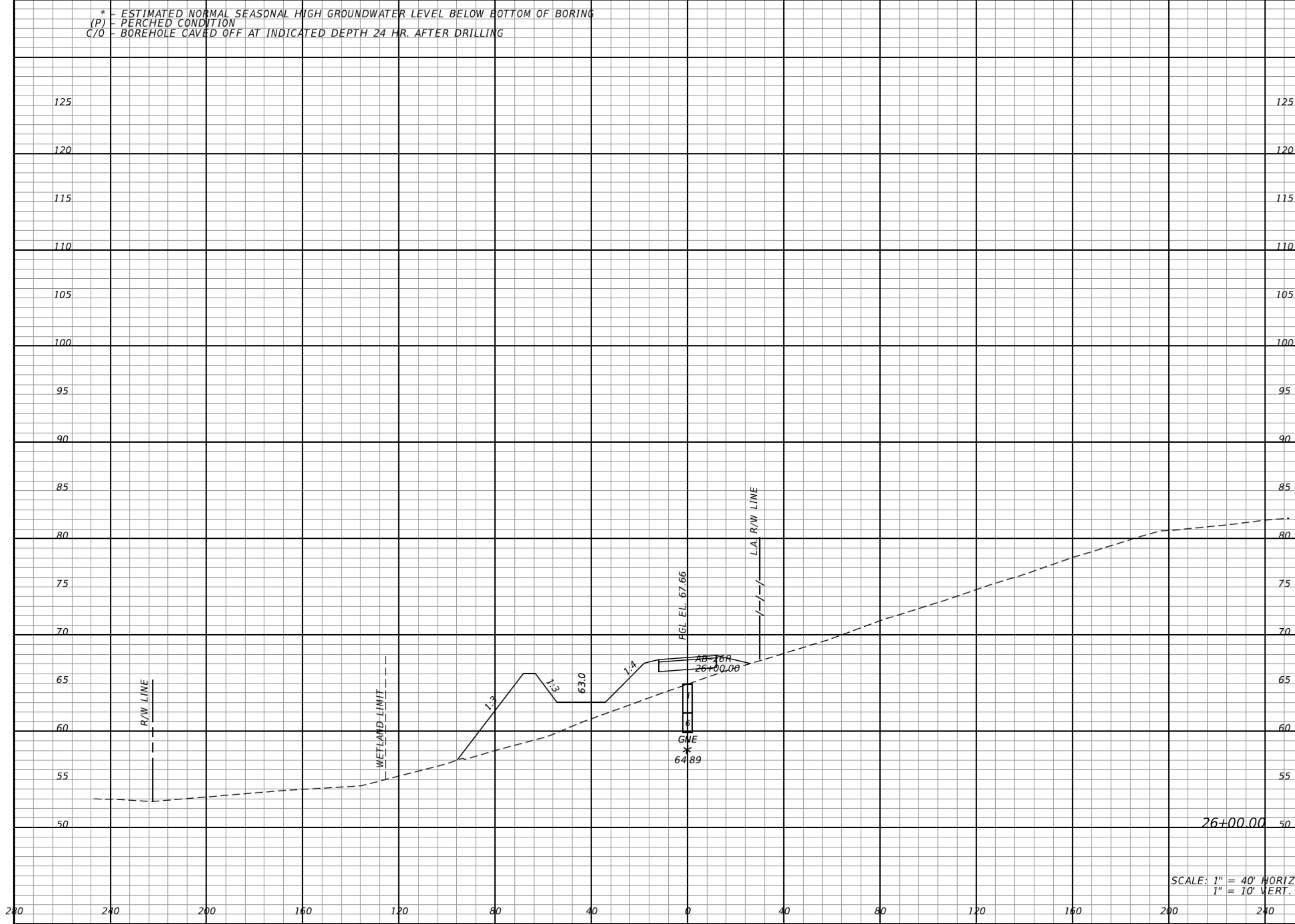


CROSS SECTIONS PHILS LANE

SHEET NO. 661

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
 (P) - PERCHED CONDITION
 C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
0				336	
	0				1387



SCALE: 1" = 40' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
 P.E. LICENSE NUMBER 64849
 DEWBERRY | BOWYER-SINGLETON
 520 S. MAGNOLIA AVE.
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

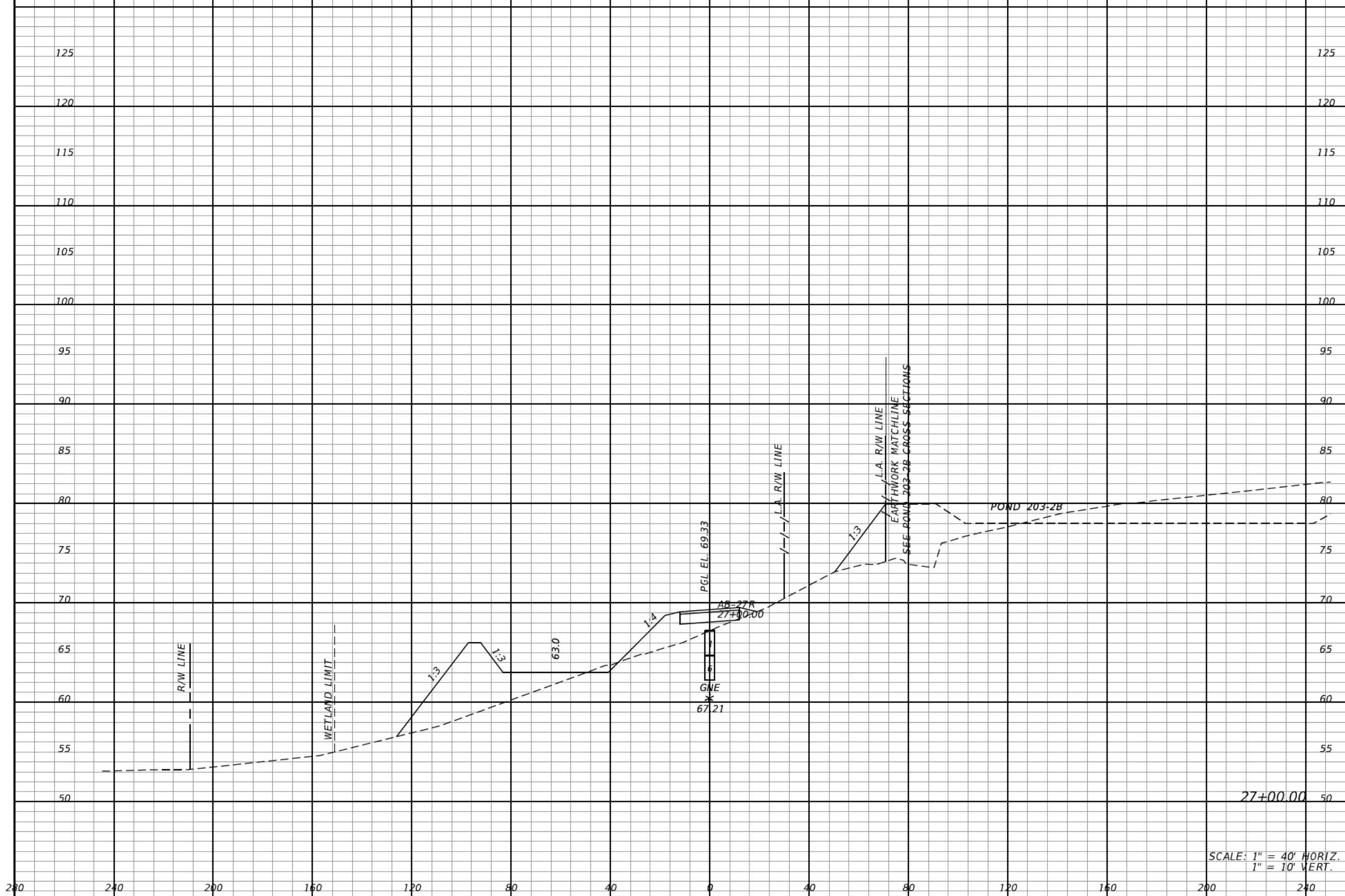


**CROSS SECTIONS
 PHILS LANE**

SHEET NO.
662

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

Regular Exc.		Embankment	
A	V	A	V
5		375	
	9		1317

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203

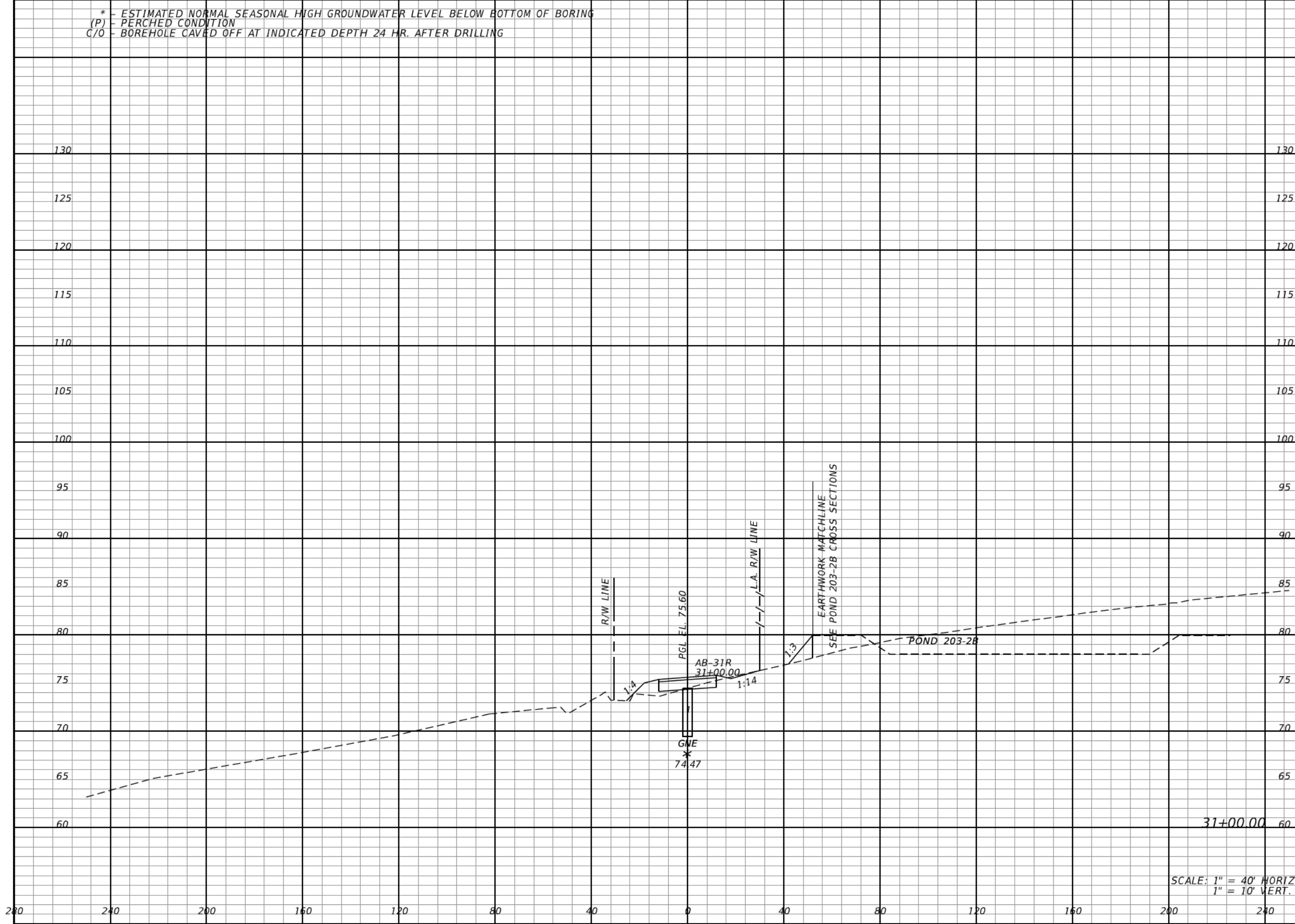


**CROSS SECTIONS
PHILS LANE**

SHEET NO.
663

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular		Exc.		Embankment	
A	V	A	V	A	V
6				28	
	76				104



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-203

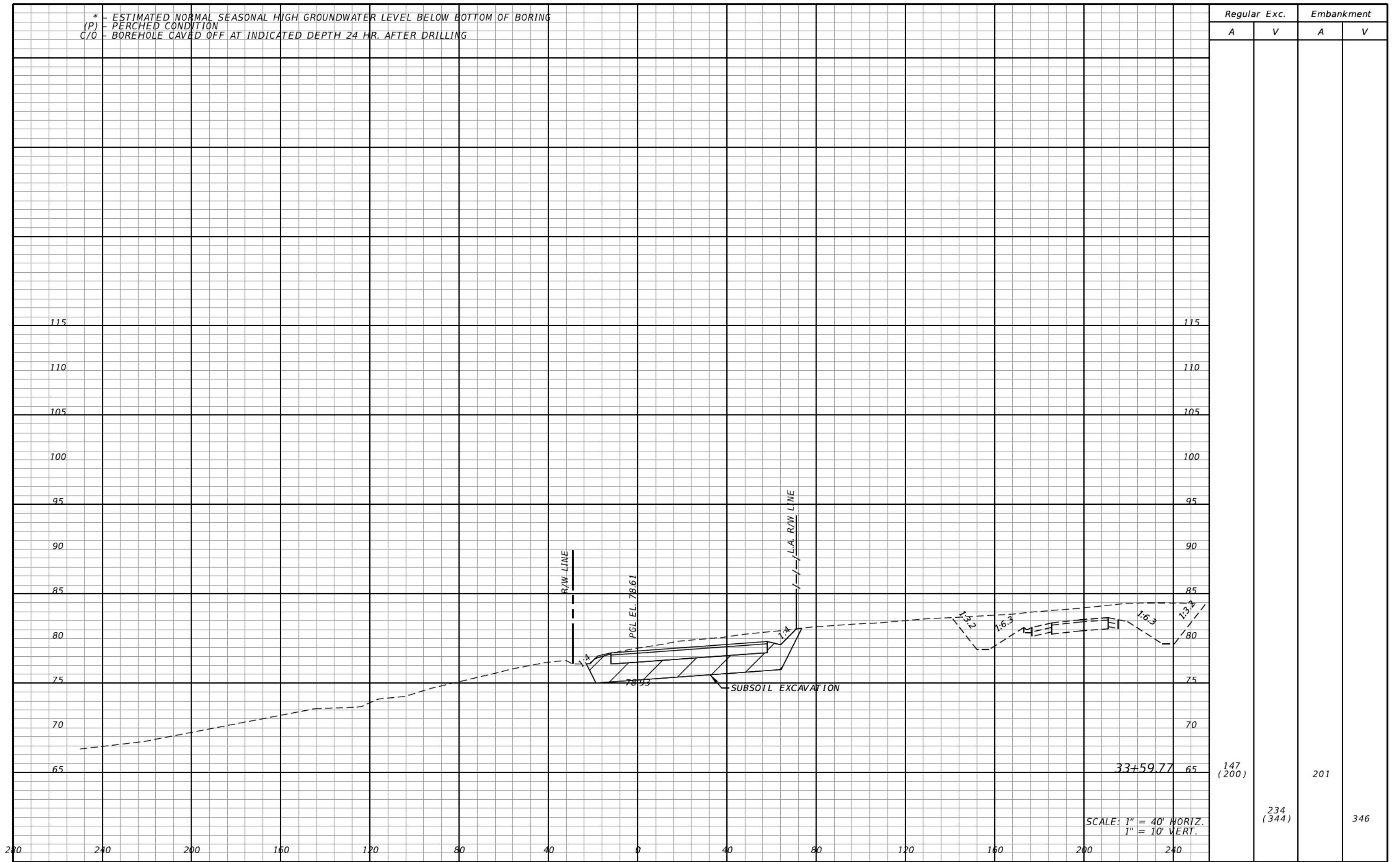


**CROSS SECTIONS
PHILS LANE**

SHEET NO.
667

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V



SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

147
(200)

234
(344)

201

346

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. PROJECT NO.
SR 429 429-203



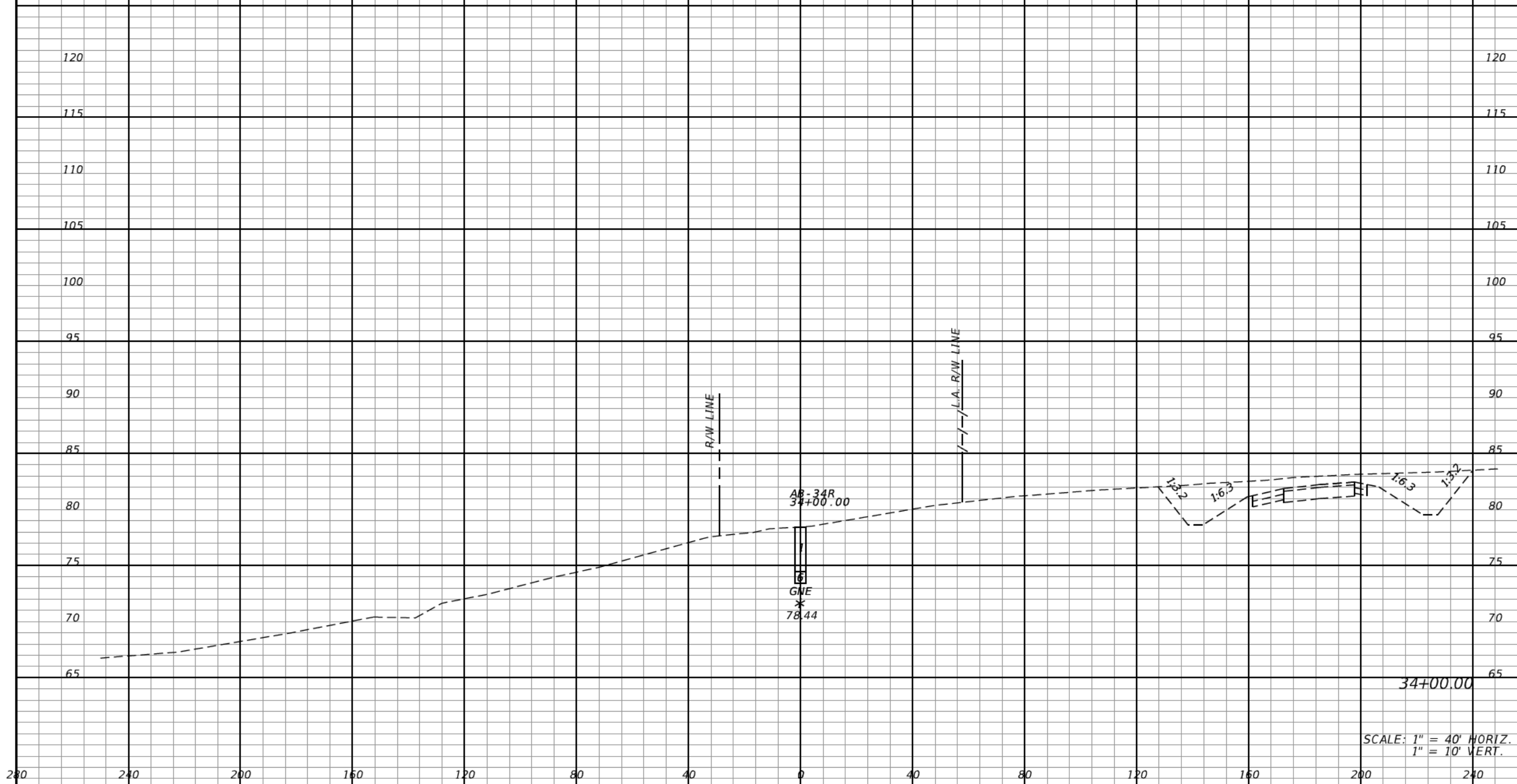
**CROSS SECTIONS
PHILS LANE**

SHEET NO.
670

* - ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVEL BELOW BOTTOM OF BORING
(P) - PERCHED CONDITION
C/O - BOREHOLE CAVED OFF AT INDICATED DEPTH 24 HR. AFTER DRILLING

Regular Exc. Embankment
A V A V

SUMMARY OF EARTHWORK		
DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION	1,843	
SUBSOIL EXCAVATION	640	
REGULAR EMBANKMENT	16,007	



0 (0)	4 (9)	0	9
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SCALE: 1" = 40' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL F. CHRISTIE, P.E.
P.E. LICENSE NUMBER 64849
DEWBERRY | BOWYER-SINGLETON
520 S. MAGNOLIA AVE.
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



CROSS SECTIONS
PHILS LANE

SHEET NO.
672


GENERAL NOTES

1. ALL TRAFFIC CONTROL PROCEDURES AND DEVICES SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD, 2009 EDITION), THE FDOT DESIGN STANDARDS (INDEX 600-SERIES), AND THE NOTES AND DETAILS IN THIS PLAN.
2. LANE CLOSURES OR OTHER TRAFFIC CONTROL NECESSARY FOR THE PLACEMENT, RELOCATION, OR REMOVAL OF BARRICADES, BARRIER WALL OR OTHER TRAFFIC CONTROL DEVICES SHALL BE EXECUTED IN ACCORDANCE WITH FDOT STANDARD INDICES 600-SERIES.
3. TEMPORARY PAVEMENT SHALL BE AT A MINIMUM, 2" OF ASPHALT ON 6" OF LIMEROCK BASE.
4. CONTRACTOR TO MAINTAIN ADEQUATE DRAINAGE AND HISTORICAL DRAINAGE PATTERNS TO PREVENT FLOODING OR DRAINAGE TO FLOW TO ROADWAY OR ROADSIDE AREAS EXISTING, UNDER CONSTRUCTION, OR COMPLETED. THE CONTRACTOR SHALL PROVIDE ANY TEMPORARY DRAINAGE MEASURES AS REQUIRED TO ADEQUATELY DRAIN THE PROJECT AND TEMPORARY TRAVELED ROADWAYS. ANY ADDITIONAL COSTS ASSOCIATED WITH DRAINAGE (TEMPORARY DRAINAGE STRUCTURES AND THE REMOVAL OF THE SAME INCLUDING THE DESILTING OF THE PERMANENT DRAINAGE STRUCTURES TO REMAIN) SHALL BE INCIDENTAL TO PAY ITEM NO. 102-1 MAINTENANCE OF TRAFFIC. CONTRACTOR TO SUBMIT A DRAINAGE CONTROL PLAN PRIOR TO CONSTRUCTION.
5. ALL DRAINAGE INLETS THAT ARE CONSTRUCTED PRIOR TO FINAL SURROUNDING GRADE BEING ACHIEVED WILL REQUIRE TEMPORARY COVERING THAT WILL ALLOW DRAINAGE FLOW AND PROTECT THE INLET DURING TCP PHASES AND SHALL BE INCIDENTAL TO PAY ITEM NUMBER 102-1.
6. REGULATORY SPEED FOR KELLY PARK ROAD AND PLYMOUTH SORRENTO ROAD DURING CONSTRUCTION SHALL BE MAINTAINED AT 45 MPH UNLESS OTHERWISE NOTED IN THE PLANS.
7. THE CONTRACTOR SHALL COMPLY TO NOISE LEVEL RESTRICTIONS STATED IN THE LOCAL NOISE ORDINANCE. METHODS TO MAINTAIN NOISE LEVELS WITHIN ACCEPTABLE LIMITS SHALL INCLUDE BUT NOT BE LIMITED TO TEMPORARY NOISE BARRIERS, ENCLOSURES FOR EQUIPMENT, MUFFLERS, ETC.
8. HEAVY TRAFFIC CONDITIONS, ACCIDENTS, AND ANY UNFORESEEN EMERGENCIES MAY REQUIRE RESTRICTION OR REMOVAL OF ANY LANE CLOSURE(S). THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS WITHOUT DELAY AT THE DIRECTION OF THE OOCEA CONSTRUCTION ENGINEER. LANE CLOSURES WILL NOT BE PERMITTED DURING PEAK HOURS.
9. WHEN CONSTRUCTION EQUIPMENT IS BEING TRANSPORTED OR DRIVEN ON OPEN TRAVEL LANES, THE CONTRACTOR SHALL COMPLY WITH THE FDOT DESIGN STANDARDS INDEX 600-SERIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CLEAR ZONE REQUIREMENTS FOR EQUIPMENT, MATERIAL STORAGE, AND WORK ZONE PROTECTION AS SPECIFIED IN STANDARD INDEX 600.
10. THE CONTRACTOR HAS THE OPTION TO SUBMIT ALTERNATE TRAFFIC CONTROL PLANS. SUBJECT PLAN MUST BE SIGNED AND SEALED BY FLORIDA-REGISTERED PROFESSIONAL ENGINEER AND BE SUBJECT TO APPROVAL BY OOCEA AND THE TRAFFIC CONTROL MANAGER.
11. ANY CHANGES MADE TO THE TRAFFIC CONTROL PLAN BY THE CONTRACTOR, SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA AND APPROVED BY THE TRAFFIC CONTROL MANAGER PRIOR TO IMPLEMENTATION.
12. ARROWS (→) SHOWN IN THESE PLANS DENOTE NUMBER OF LANES AND DIRECTION OF TRAFFIC ONLY AND DO NOT INDICATE PAVEMENT MARKINGS.
13. A CERTIFIED TRAFFIC CONTROL SUPERVISOR (TCS) SHALL BE ON SITE WHEN CONTRACTOR IS WORKING AND SHALL BE ON CALL FOR EMERGENCIES WHEN THE CONTRACTOR IS NOT AVAILABLE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER A 24 HOUR ON-CALL NUMBER.
14. TRAFFIC SHALL NOT BE MAINTAINED ON A MILLED/GROOVED SURFACE. DURING MILLING AND RESURFACING OPERATIONS, ALL MILLED LANES SHALL BE RESURFACED AND BROUGHT TO WITHIN 1 1/2" OF THE ADJACENT TRAVEL LANE IN ACCORDANCE WITH INDEX 600, SHEET 10 OF 13.
15. MILLING, RESURFACING, AND OVERBUILD OPERATIONS ARE TO BE PHASED SUCH THAT ALL DROP-OFFS COMPLY WITH INDEX 600, SHEET 10 OF 13. ANY TRAVEL LANE TREATMENTS OR ADDITIONAL TEMPORARY PAVEMENT NECESSARY TO REMOVE DROP-OFF HAZARDS SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM NO. 102-1.
16. FRICTION COURSE IS TO BE PLACED DURING PHASE III AS NOTED ON THE PHASE II TYPICAL SECTION SHEET.
17. PHILS LANE AND HIDEAWAY LANE ARE NOT TO BE USED AS HAUL ROUTES.
18. HIDEAWAY LANE CANNOT BE CLOSED UNTIL THE PROPOSED PHILS LANE CONSTRUCTION IS COMPLETED.

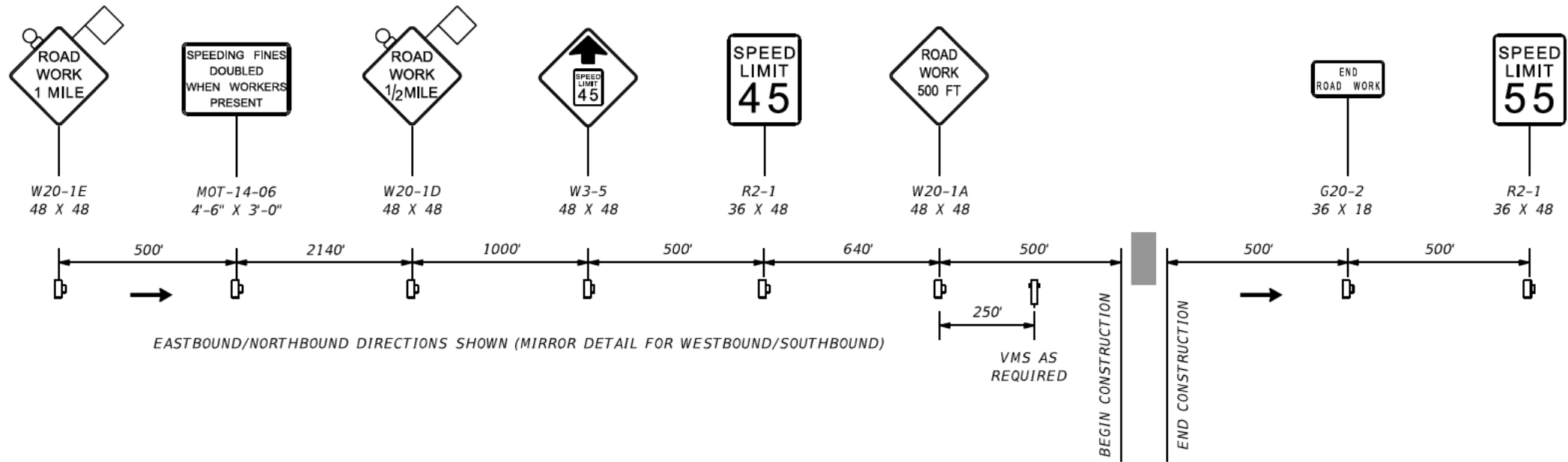
PAY ITEM NOTES

PAY ITEM NO. 102-1 INCLUDES THE FOLLOWING:
 ALL NECESSARY TEMPORARY PAVEMENT
 ALL TRAFFIC CONTROL OFFICERS REQUIRED FOR THE CONSTRUCTION OF THE PROPOSED SIGNAL AT KELLY PARK ROAD AND PLYMOUTH SORRENTO RD

GENERAL NOTES

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			673
							SR 429	429-203			

ADVANCED SIGNING DETAIL -- KELLY PARK RD AND CR 437 (PLYMOUTH SORRENTO ROAD)



EASTBOUND/NORTHBOUND DIRECTIONS SHOWN (MIRROR DETAIL FOR WESTBOUND/SOUTHBOUND)

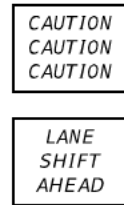
VMS MESSAGE:
FOR USE 2 WEEKS PRIOR
TO BEGIN CONSTRUCTION



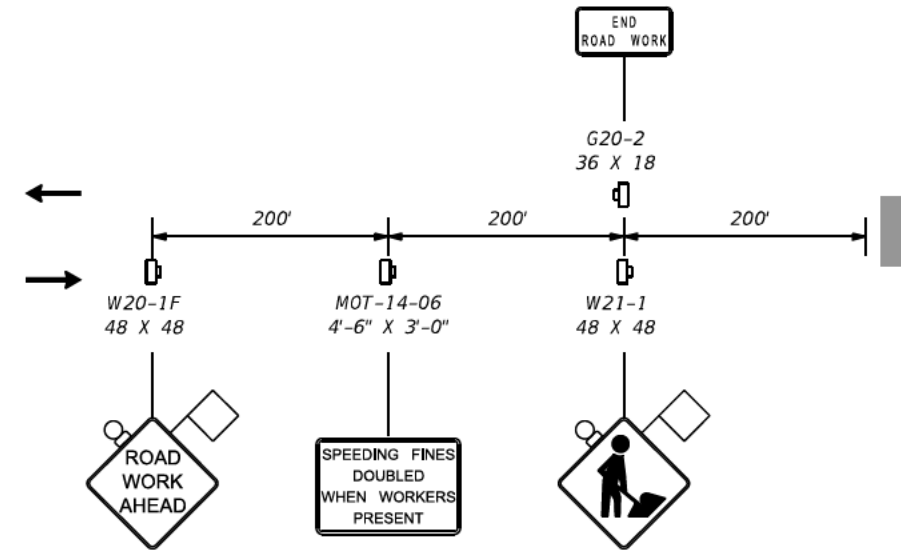
VMS MESSAGE:
FOR USE 2 WEEKS PRIOR
TO PHASE II



EB VMS MESSAGE:
PHASE II DURING
SHORING TOWER DIVERSION



ADVANCED SIGNING DETAIL -- MINOR SIDE STREETS



APPLICABLE SIDE STREETS

PHILS LANE
HIDEWAY ROAD

TRAFFIC CONTROL PLAN SHEET LEGEND

- VMS (PCMS)
- Lane Identification and Direction of Traffic
- Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
- Type III Barricade (With Steady Burning Light)
- Work Zone Sign
- Work Zone: SR 429 (Wekiva Parkway)
- Work Zone: Kelly Park Road & CR 437 (Plymouth Sorrento Road)
- Limits of Existing Temporary Pavement (Constructed in a Previous Phase)

TRAFFIC CONTROL DETAILS

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 674
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				

PHASE I-A (NOT SHOWN)

CONSTRUCT THE PROPOSED PIPE CROSSINGS UNDER BOTH KELLY PARK ROAD AND PLYMOUTH SORRENTO ROAD PRIOR TO BEGINNING THE MILLING AND RESURFACING OF THOSE ROADWAYS

MILL, RESURFACE, AND CONSTRUCT THE TEMPORARY 4' SHOULDER:

KELLY PARK ROAD
 STA. 73+30 +/- TO STA. 117+90 +/-
 PLYMOUTH SORRENTO ROAD
 STA. 223+70 +/- TO STA. 244+00 +/-

UTILIZE OFF-PEAK HOUR FLAGGING OPERATIONS PER INDEX 600-SERIES AS NECESSARY

ALL DROP-OFFS BETWEEN LANES SHALL MEET THE REQUIREMENTS OF INDEX 600, SHEET 10 OF 13

PHASE I

SHIFT TRAFFIC INTO THE PHASE I TRAFFIC PATTERN AND CONSTRUCT THE PROPOSED WIDENING

CONSTRUCT THE PROPOSED RAMP TERMINALS AS APPROPRIATE

CONSTRUCT THE PROPOSED HAUL ROAD AT KELLY PARK ROAD, STA. 84+20 +/-

CONSTRUCT THE PROPOSED HAUL ROAD AT PONKAN ROAD, STA. 206+40, 140' LT +/-

CONSTRUCT THE EB KELLY PARK ROAD SHORING TOWER DIVERSION FOR USE IN PHASE II

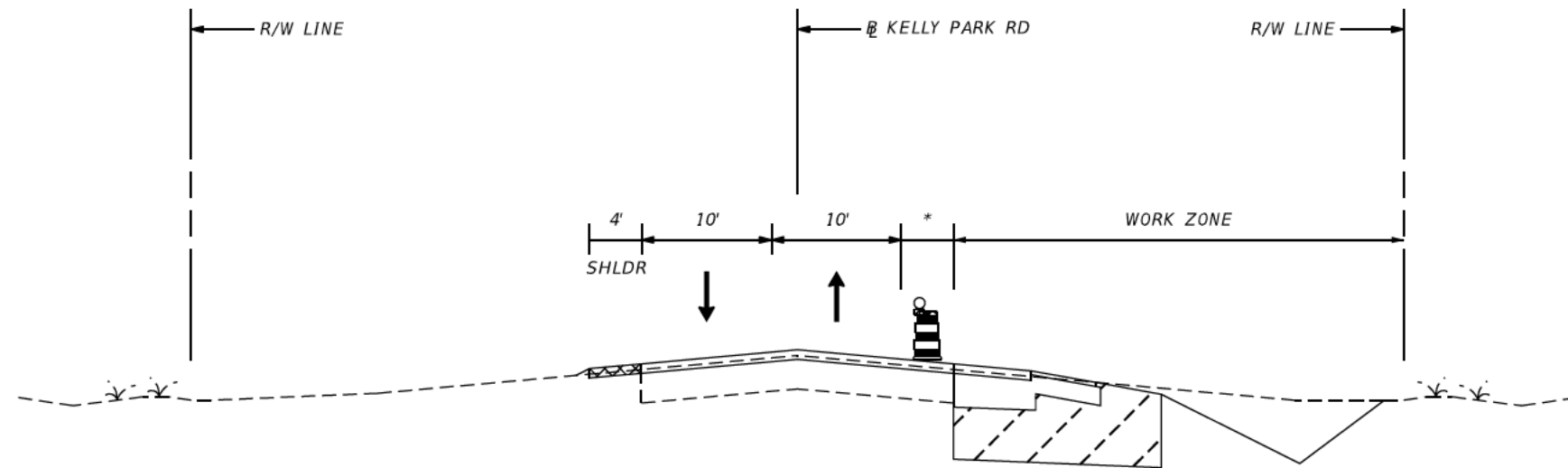
BEGIN CONSTRUCTION OF SR 429 FROM BEGIN PROJECT TO END PROJECT

BEGIN CONSTRUCTION OF THE PROPOSED PONDS

CONSTRUCT THE PROPOSED SIGNAL AS SHOWN IN THE SIGNALIZATION PLANS

LANE WIDTHS:

ALL LANE WIDTHS ARE 10' AS SHOWN IN THE TYPICAL SECTIONS UNLESS OTHERWISE SHOWN ON THE APPLICABLE PLAN SHEETS



*

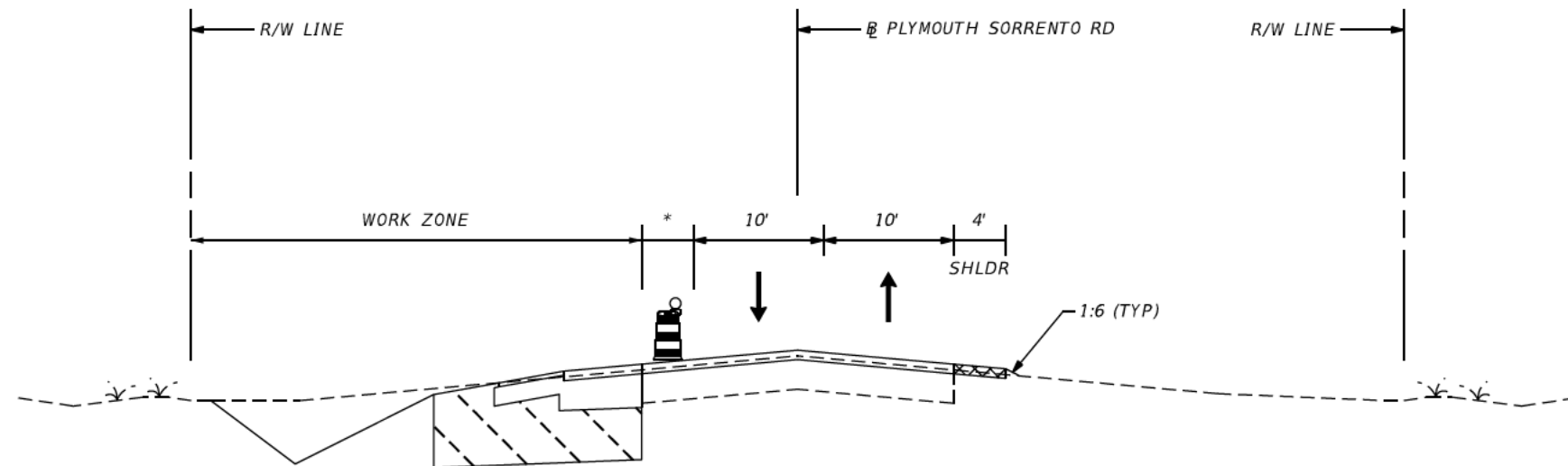
4' +/- BUFFER TO WORK ZONE:

CHANNELIZING DEVICE PER INDEX 600 (DRUM SHOWN): ALL DROP-OFF HAZARDS TO BE REMOVED PER INDEX 600-SERIES AT THE END OF EACH WORK PERIOD

OPTION:

THE CONTRACTOR MAY SUBSTITUTE TEMPORARY LOW PROFILE BARRIER WITH A 1' SHOULDER AND 9" OFFSET TO THE WORK ZONE IN LIEU OF UTILIZING THE INDEX-600 SHOULDER TREATMENT OPTION; USE OF THE INDEX-412 BARRIER SHALL BE AT NO ADDITIONAL COST TO THE AUTHORITY.

TYPICAL SECTION -- PHASE I
 KELLY PARK ROAD
 STA. 73+30 +/- TO STA. 117+90 +/-



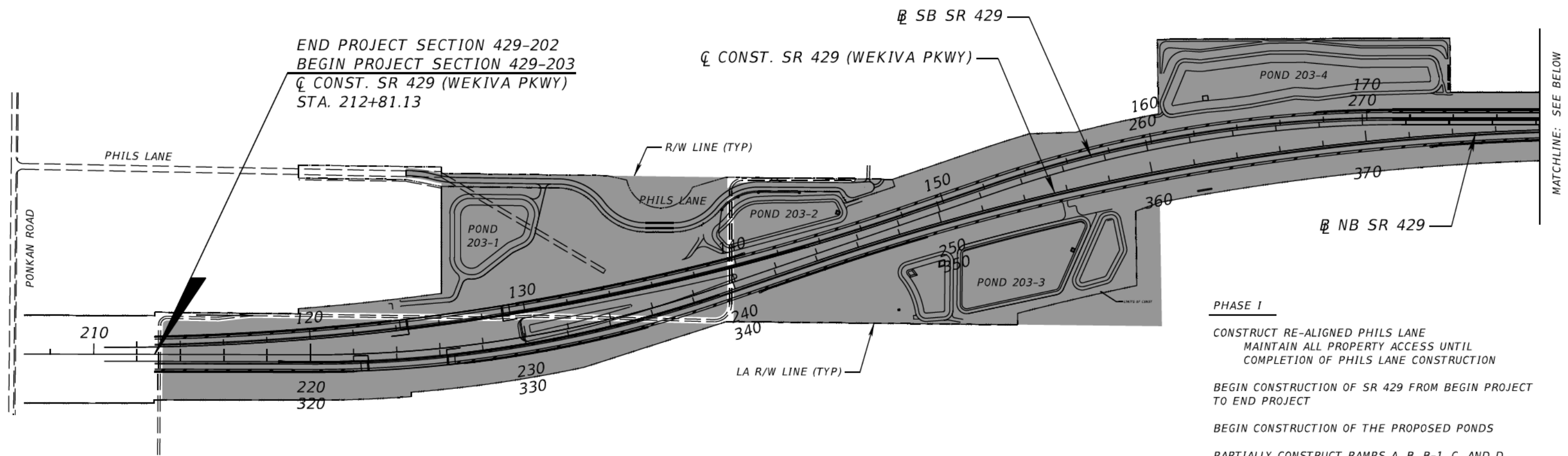
TYPICAL SECTION -- PHASE I
 CR 437 (PLYMOUTH SORRENTO RD)
 STA. 223+70 +/- TO STA. 244+00 +/-



TEMPORARY PAVEMENT

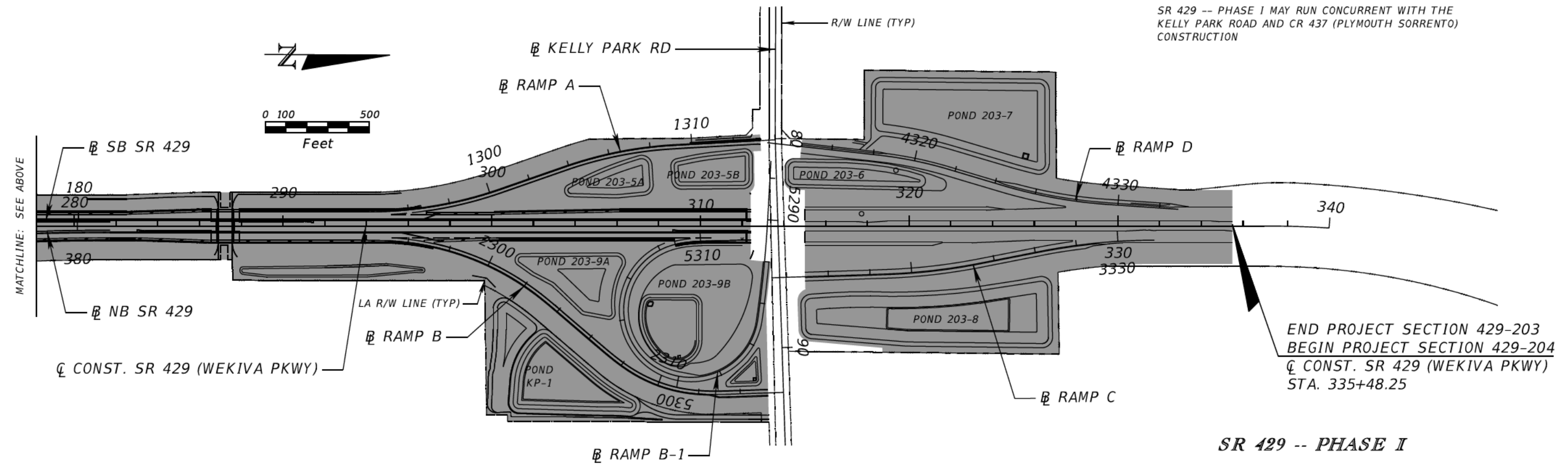
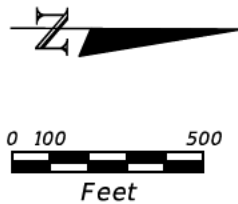
TYPICAL SECTIONS -- PHASE I

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. SR 429 PROJECT NO. 429-203		TRAFFIC CONTROL PLAN	SHEET NO. 675
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					



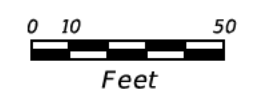
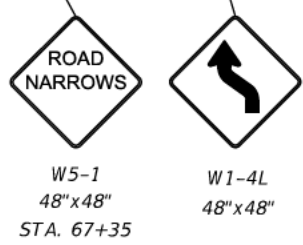
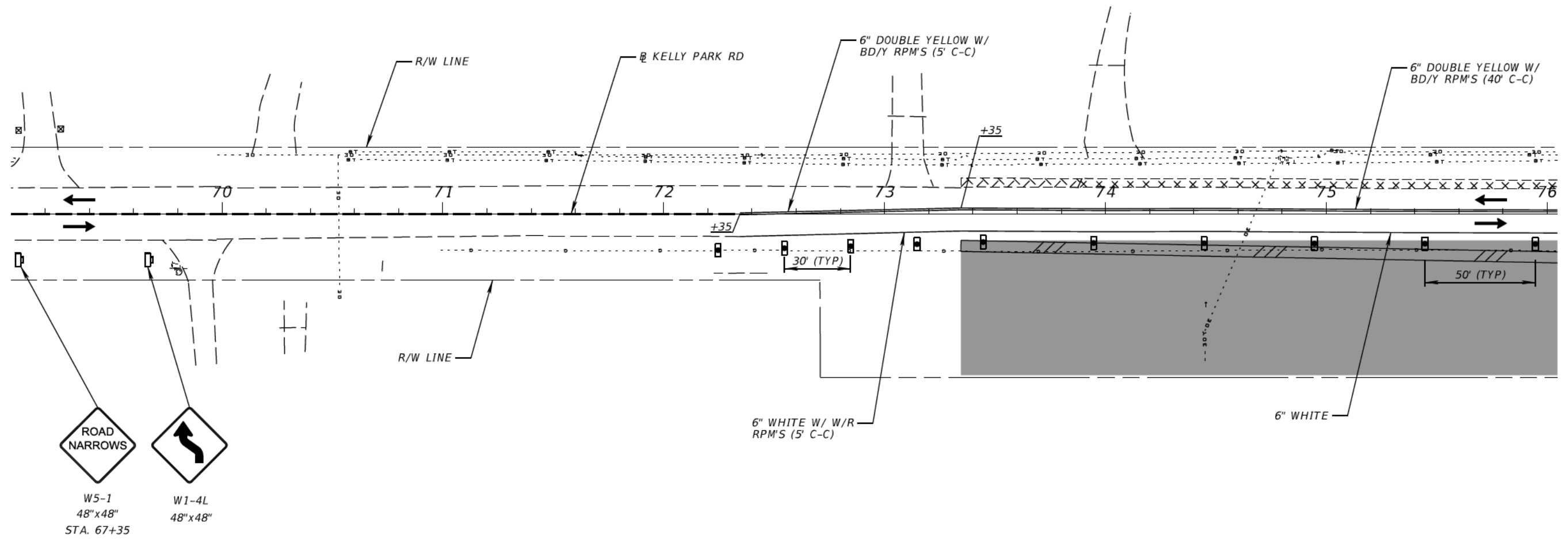
PHASE I

- CONSTRUCT RE-ALIGNED PHILS LANE
MAINTAIN ALL PROPERTY ACCESS UNTIL
COMPLETION OF PHILS LANE CONSTRUCTION
- BEGIN CONSTRUCTION OF SR 429 FROM BEGIN PROJECT
TO END PROJECT
- BEGIN CONSTRUCTION OF THE PROPOSED PONDS
- PARTIALLY CONSTRUCT RAMPS A, B, B-1, C, AND D
- CONSTRUCT THE PROPOSED BRIDGES OVER THE LAKE
VICTOR FLOOD PLAIN AND PARCEL 197
- SR 429 -- PHASE I MAY RUN CONCURRENT WITH THE
KELLY PARK ROAD AND CR 437 (PLYMOUTH SORRENTO)
CONSTRUCTION




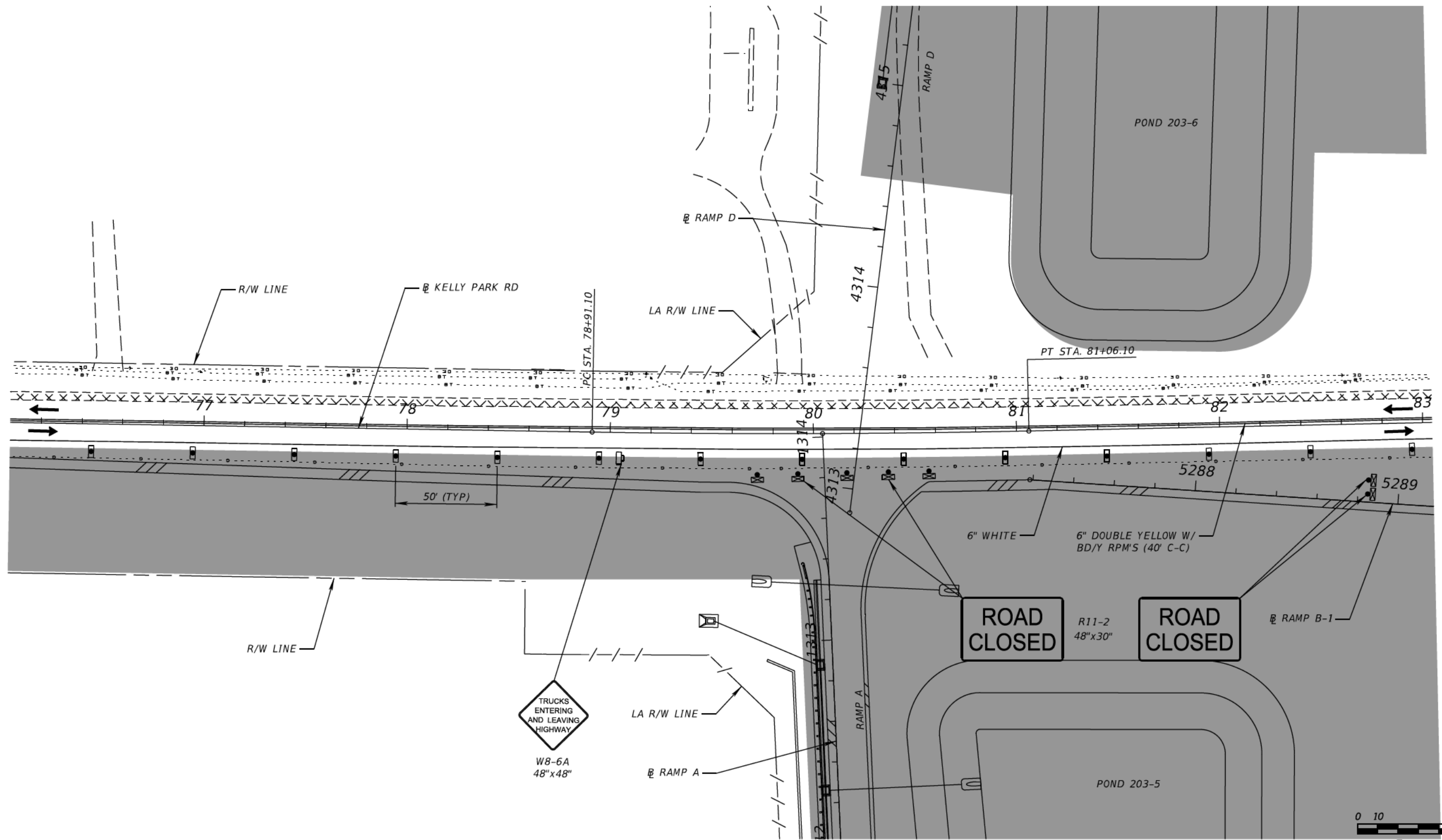
SR 429 -- PHASE I

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 676
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



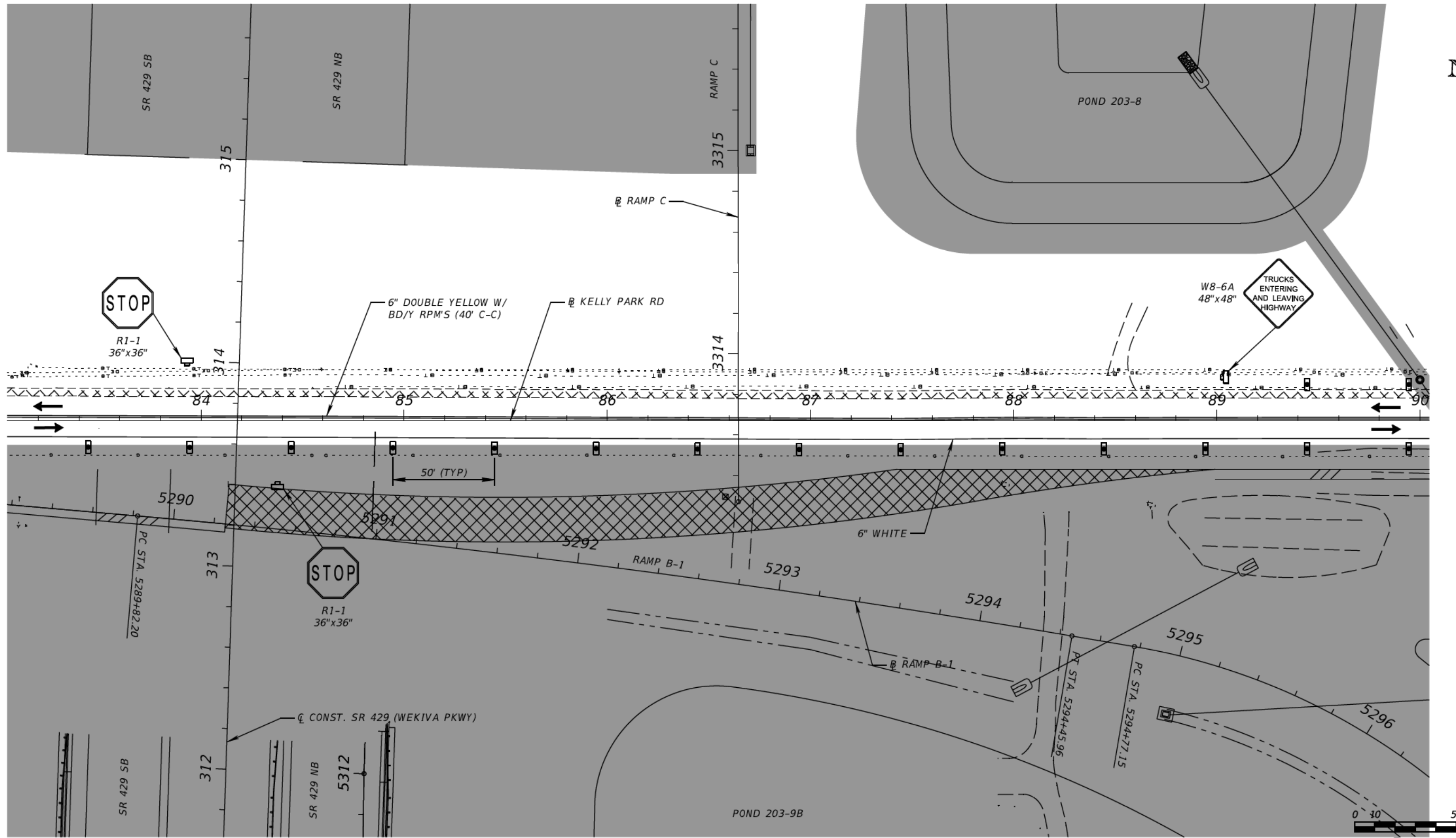
KELLY PARK RD -- PHASE I

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 677
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



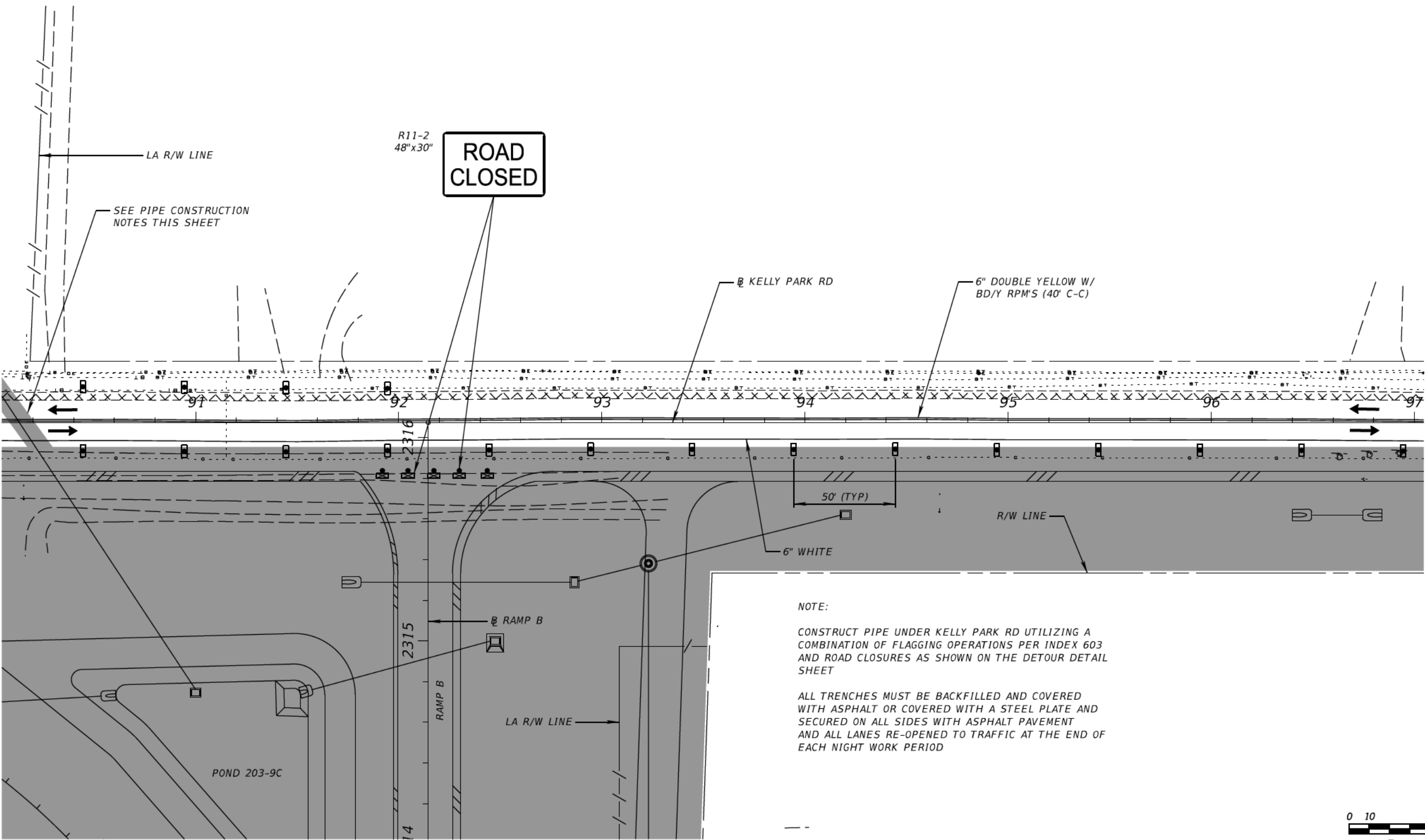
KELLY PARK RD -- PHASE I

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 678
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				

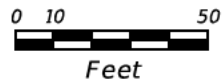


KELLY PARK RD -- PHASE I

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 679
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



NOTE:
 CONSTRUCT PIPE UNDER KELLY PARK RD UTILIZING A COMBINATION OF FLAGGING OPERATIONS PER INDEX 603 AND ROAD CLOSURES AS SHOWN ON THE DETOUR DETAIL SHEET
 ALL TRENCHES MUST BE BACKFILLED AND COVERED WITH ASPHALT OR COVERED WITH A STEEL PLATE AND SECURED ON ALL SIDES WITH ASPHALT PAVEMENT AND ALL LANES RE-OPENED TO TRAFFIC AT THE END OF EACH NIGHT WORK PERIOD



KELLY PARK RD -- PHASE I

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

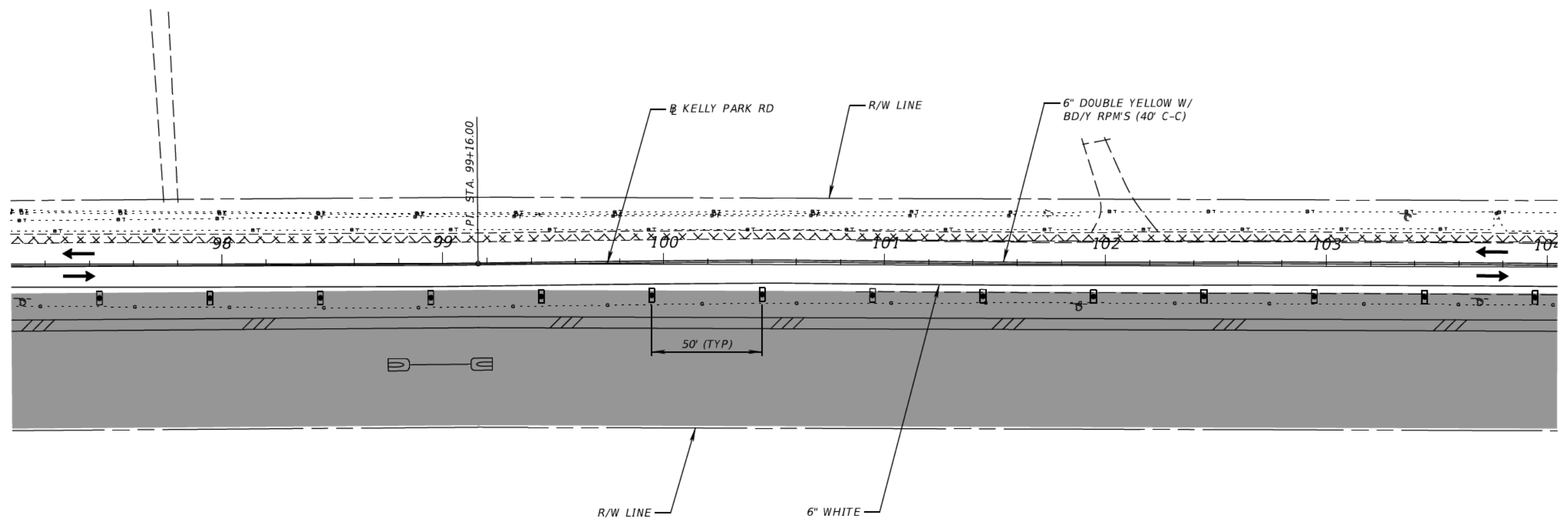
JAMES E. BRADFORD, P.E.
 P.E. LICENSE NUMBER 68276
 DEWBERRY | BOWYER-SINGLETON
 520 SOUTH MAGNOLIA AVENUE
 ORLANDO, FL 32801
 CERTIFICATE OF AUTHORIZATION 8794

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-203



TRAFFIC CONTROL PLAN

SHEET NO.
680



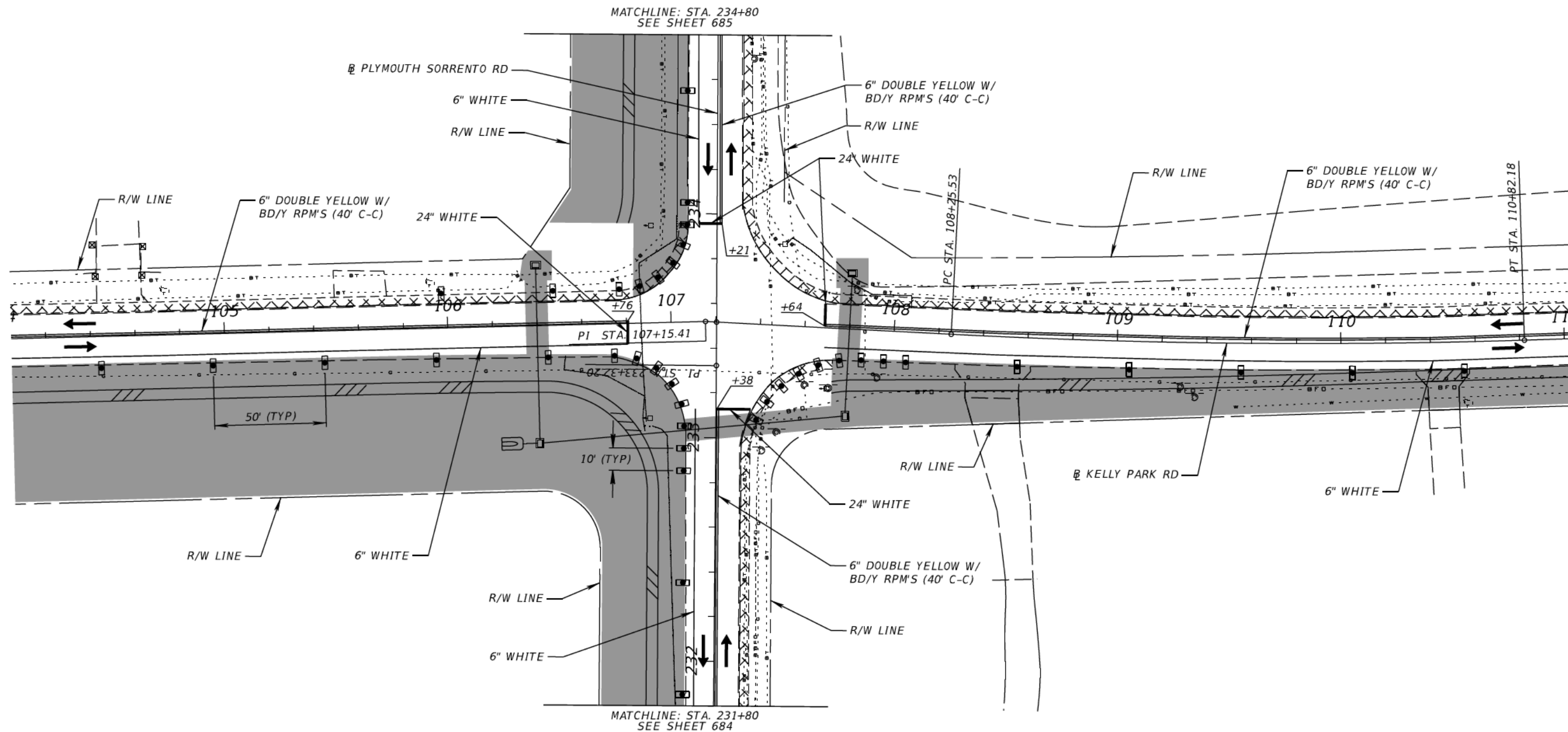
KELLY PARK RD -- PHASE I

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 681
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				

NOTE:

CONSTRUCT PIPES UNDER KELLY PARK RD AND PLYMOUTH SORRENTO RD UTILIZING FLAGGING OPERATIONS PER INDEX 600-SERIES

ALL TRENCHES MUST BE BACKFILLED AND COVERED WITH ASPHALT OR COVERED WITH A STEEL PLATE AND SECURED ON ALL SIDES WITH ASPHALT PAVEMENT AND ALL LANES RE-OPENED TO TRAFFIC AT THE END OF EACH WORK PERIOD



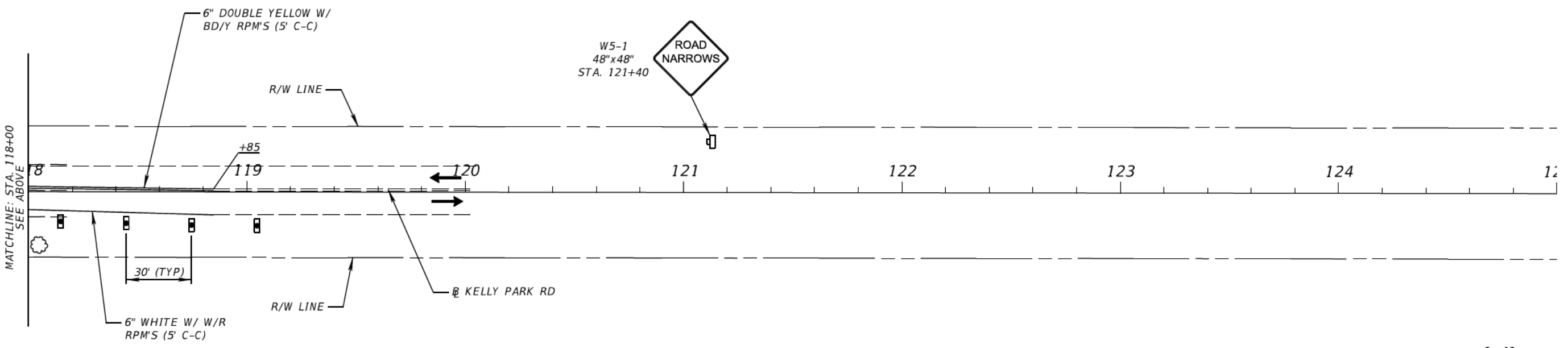
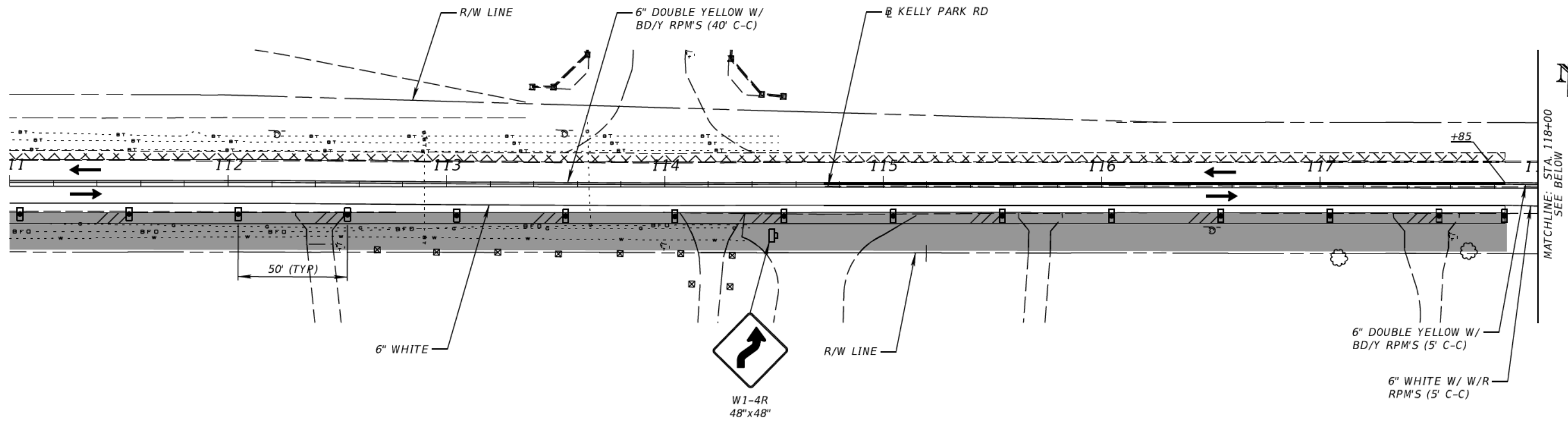
NOTE:

FOR TEMPORARY SIGNAL PLAN, REFER TO THE SIGNALIZATION PLANS, SHEET T-9




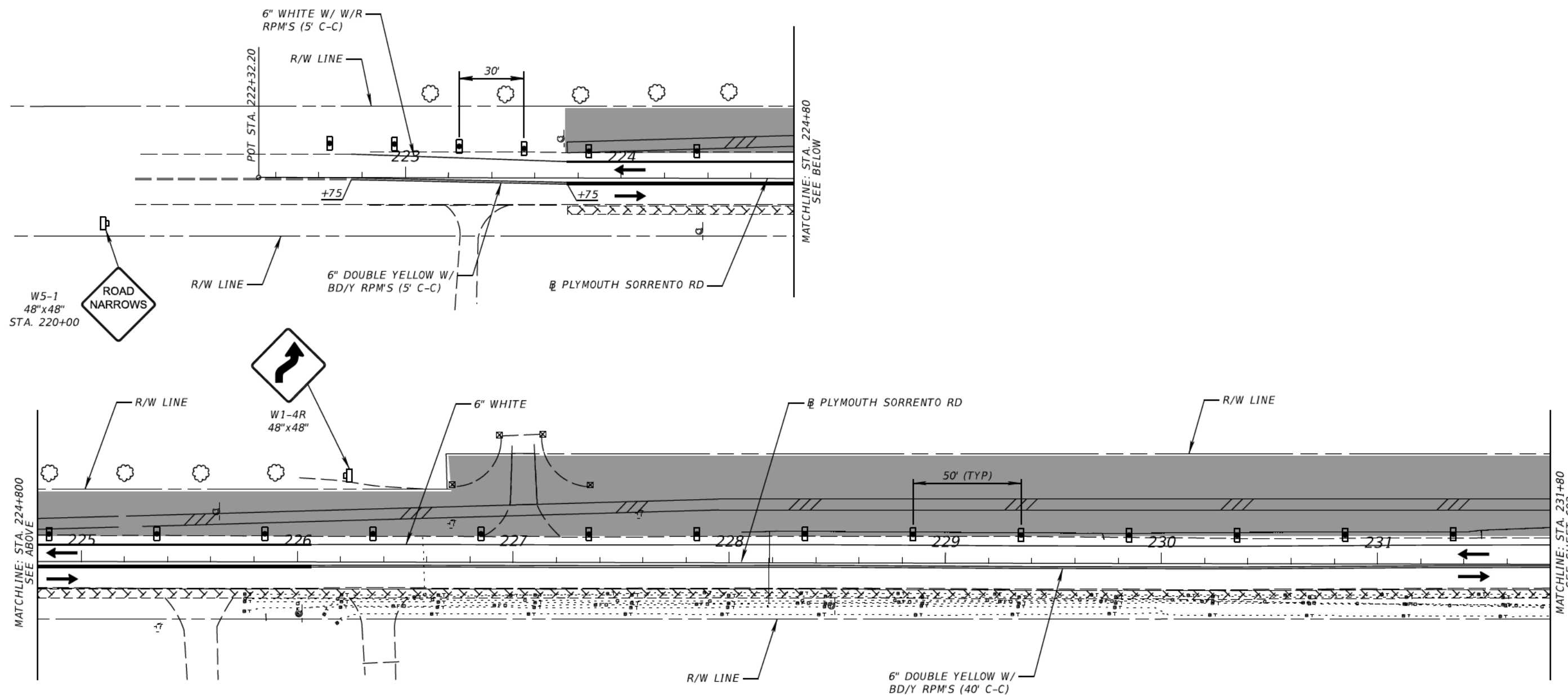
KELLY PARK RD -- PHASE I

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 682
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				




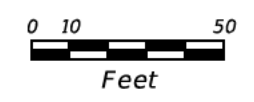
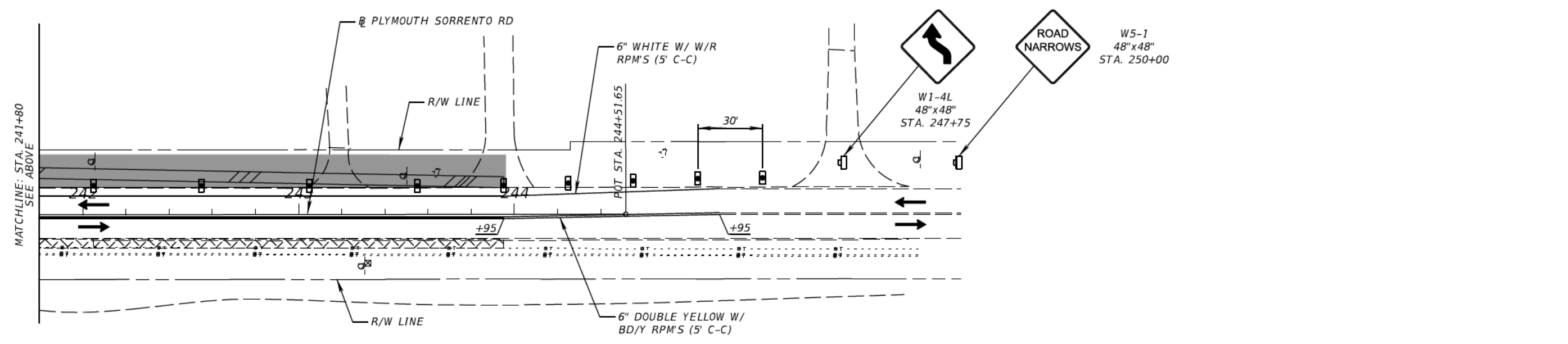
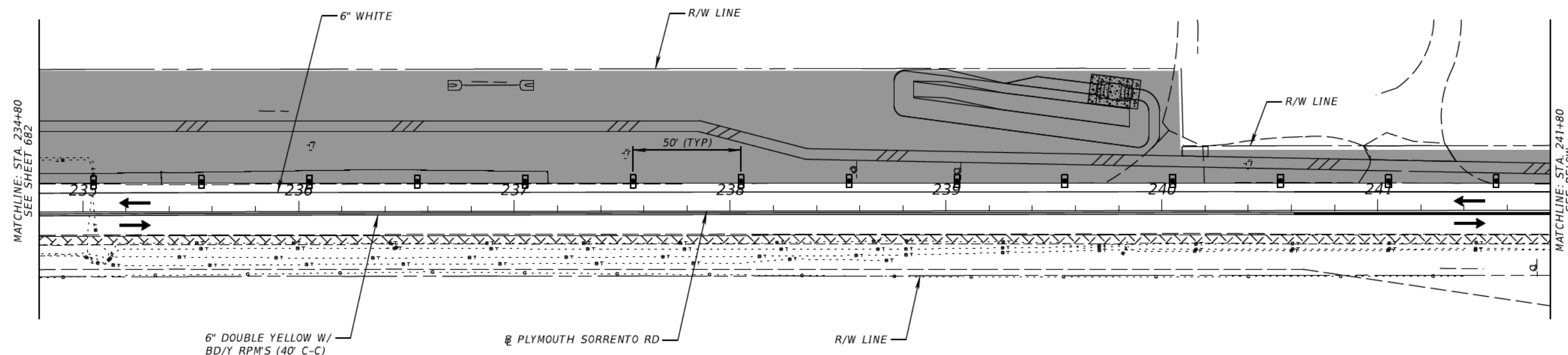
KELLY PARK RD -- PHASE I

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 683
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



PLYMOUTH SORRENTO RD -- PHASE I

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 684
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



PLYMOUTH SORRENTO RD -- PHASE I

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 685
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				

PHASE II

SHIFT TRAFFIC INTO THE PHASE II TRAFFIC PATTERN AND COMPLETE THE PROPOSED WIDENING TO THE EXTENT POSSIBLE

COMPLETE THE PROPOSED RAMP TERMINALS

COMPLETE CONSTRUCTION OF SR 429 FROM BEGIN PROJECT TO END PROJECT

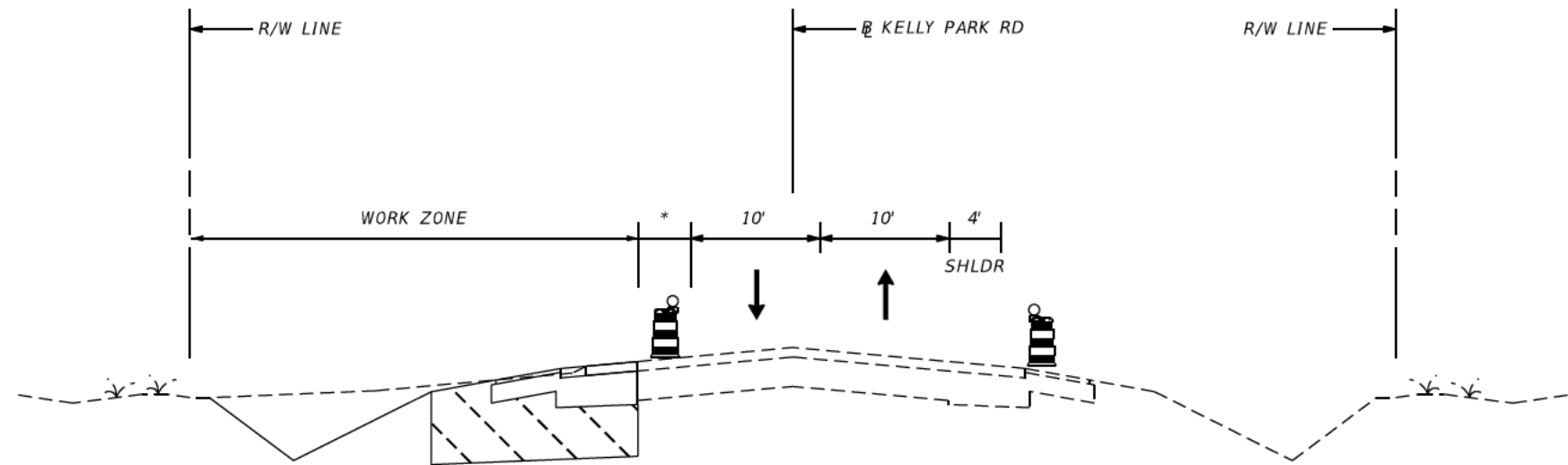
COMPLETE CONSTRUCTION OF THE PROPOSED PONDS

PHASE III (NOT SHOWN)

PLACE TRAFFIC INTO THE PROPOSED TRAFFIC PATTERN

REMOVE THE PHASE II EB DIVERSION AND COMPLETE ANY REMAINING CONSTRUCTION ACTIVITIES UTILIZING INDEX 600-SERIES AS NECESSARY

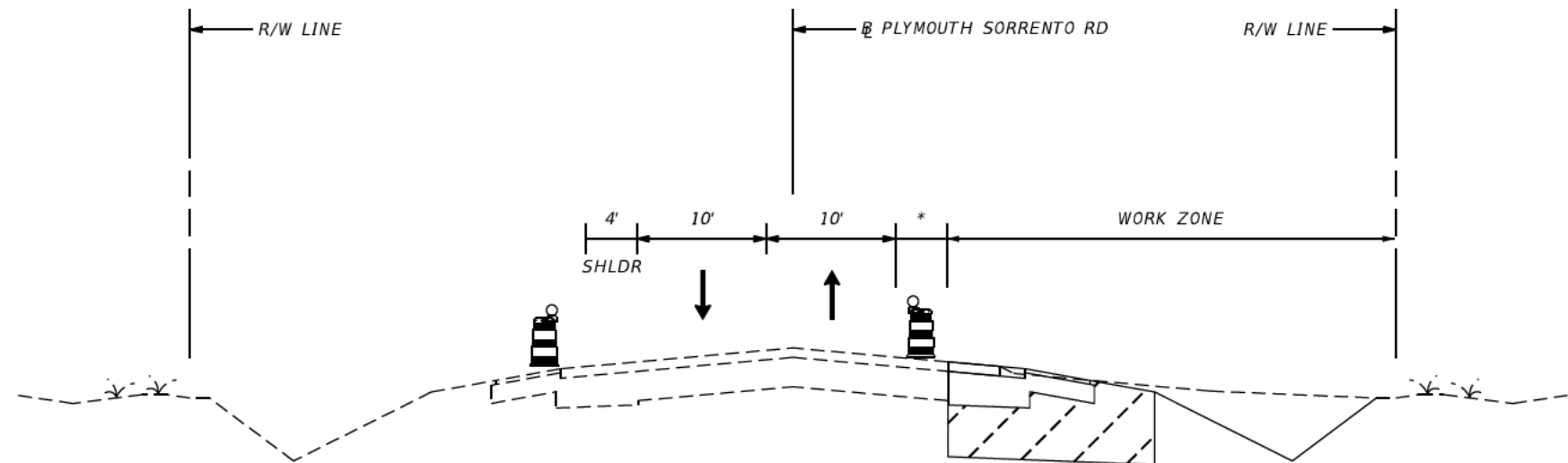
UTILIZE OFF-PEAK HOUR FLAGGING OPERATIONS PER INDEX 600-SERIES TO PLACE THE FRICTION COURSE AND FINAL PAVEMENT MARKINGS



*
4' +/- BUFFER TO WORK ZONE:
CHANNELIZING DEVICE PER INDEX 600 (DRUM SHOWN):
ALL DROP-OFF HAZARDS TO BE REMOVED PER INDEX 600-SERIES AT THE END OF EACH WORK PERIOD

TYPICAL SECTION -- PHASE II
KELLY PARK ROAD
STA. 73+30 +/- TO STA. 117+90 +/-

OPTION:
THE CONTRACTOR MAY SUBSTITUTE TEMPORARY LOW PROFILE BARRIER WITH A 1' SHOULDER AND 9" OFFSET TO THE WORK ZONE IN LIEU OF UTILIZING THE INDEX-600 SHOULDER TREATMENT OPTION;
USE OF THE INDEX-412 BARRIER SHALL BE AT NO ADDITIONAL COST TO THE AUTHORITY.



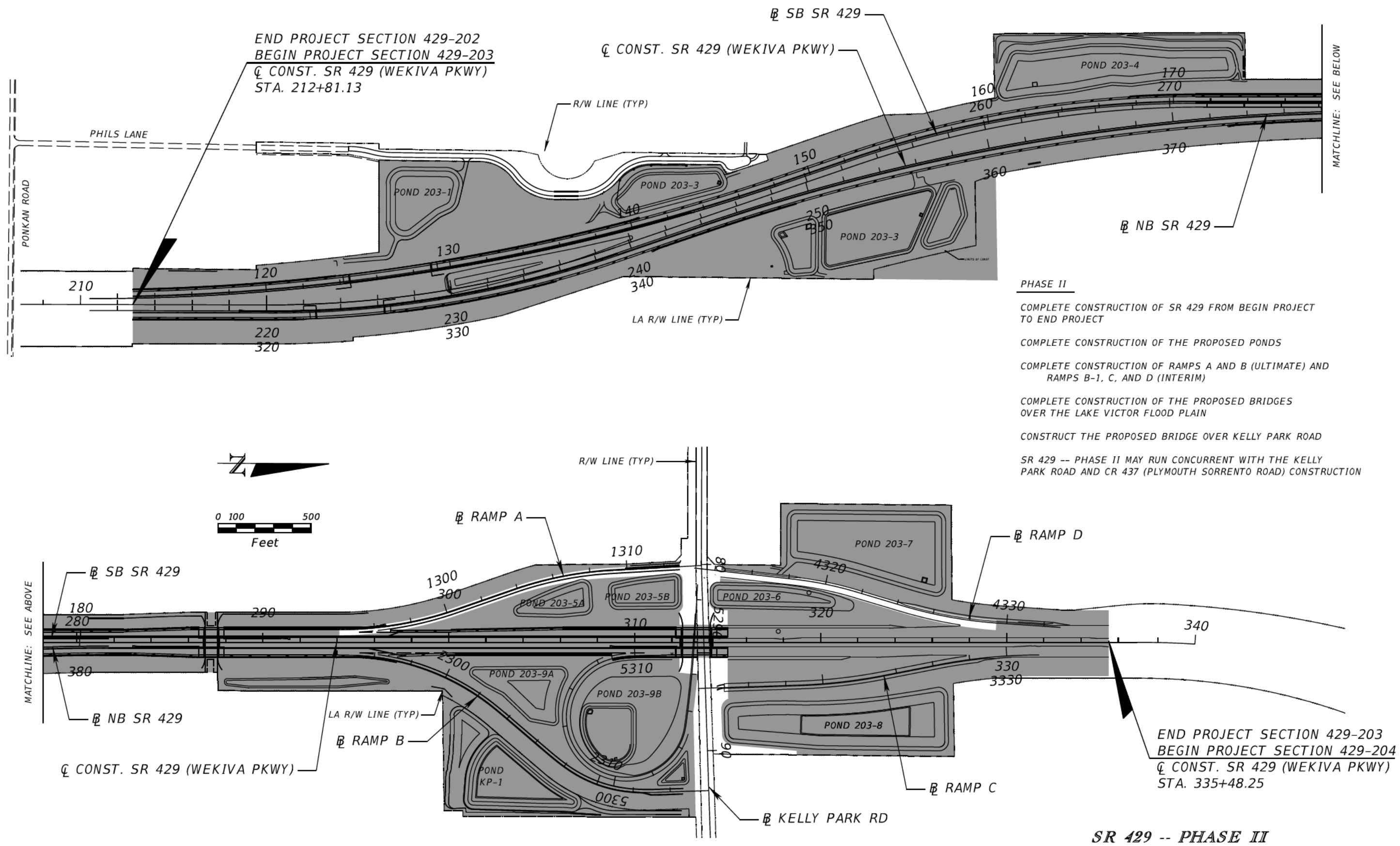
TYPICAL SECTION -- PHASE II
CR 437 (PLYMOUTH SORRENTO RD)
STA. 223+70 +/- TO STA. 244+00 +/-

TYPICAL SECTIONS -- PHASE II

LANE WIDTHS:

ALL LANE WIDTHS ARE 10' AS SHOWN IN THE TYPICAL SECTIONS UNLESS OTHERWISE SHOWN ON THE APPLICABLE PLAN SHEETS

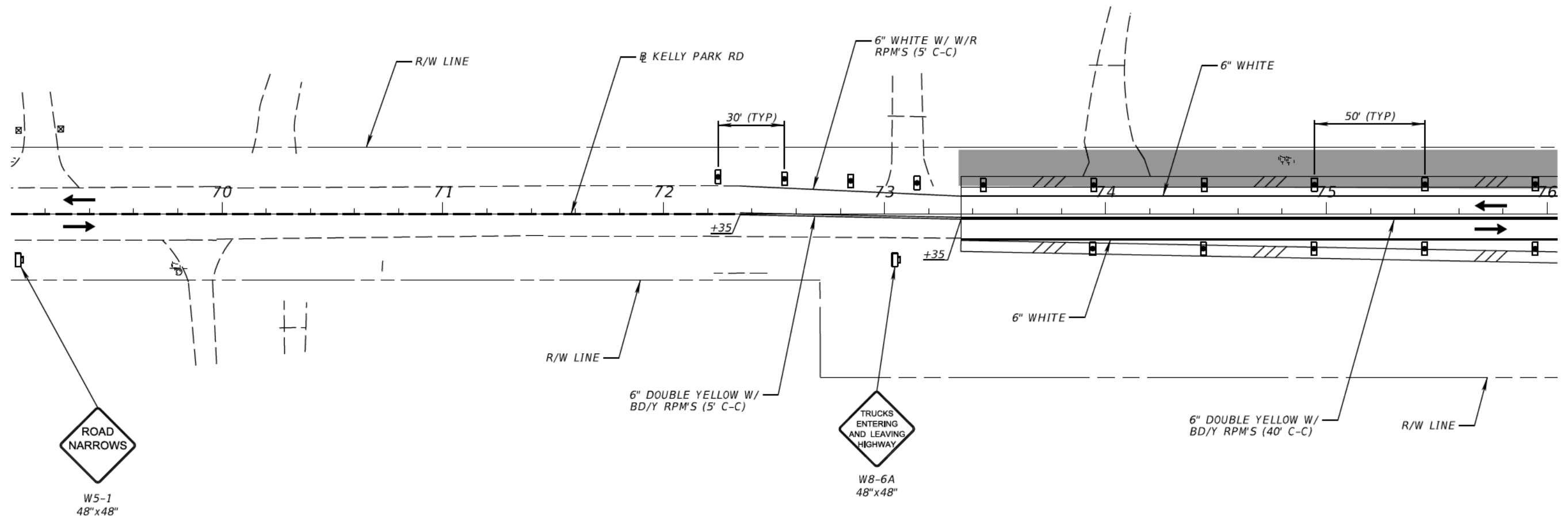
REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 686
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



- PHASE II**
- COMPLETE CONSTRUCTION OF SR 429 FROM BEGIN PROJECT TO END PROJECT
 - COMPLETE CONSTRUCTION OF THE PROPOSED PONDS
 - COMPLETE CONSTRUCTION OF RAMPS A AND B (ULTIMATE) AND RAMPS B-1, C, AND D (INTERIM)
 - COMPLETE CONSTRUCTION OF THE PROPOSED BRIDGES OVER THE LAKE VICTOR FLOOD PLAIN
 - CONSTRUCT THE PROPOSED BRIDGE OVER KELLY PARK ROAD
 - SR 429 -- PHASE II MAY RUN CONCURRENT WITH THE KELLY PARK ROAD AND CR 437 (PLYMOUTH SORRENTO ROAD) CONSTRUCTION

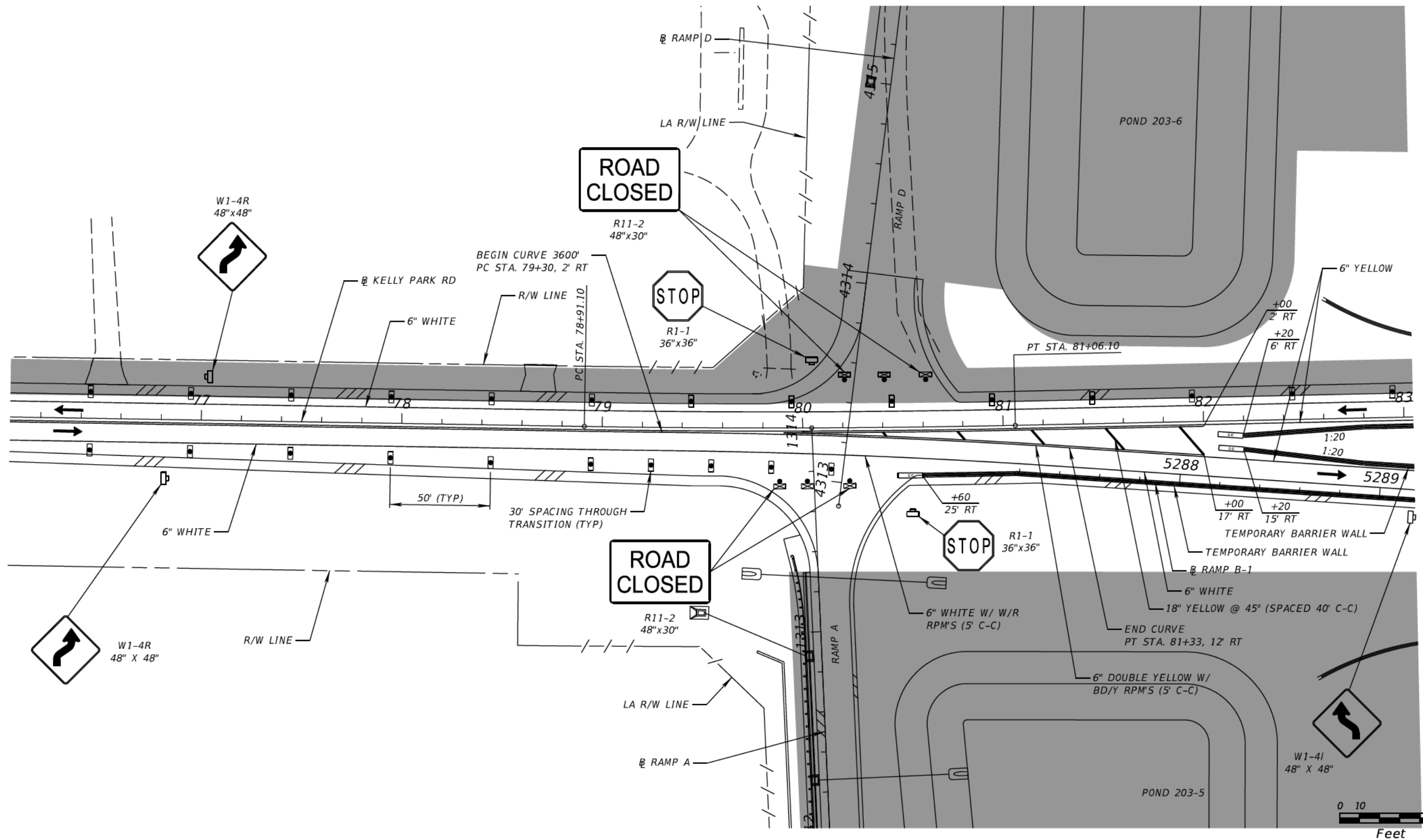
SR 429 -- PHASE II

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 687
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



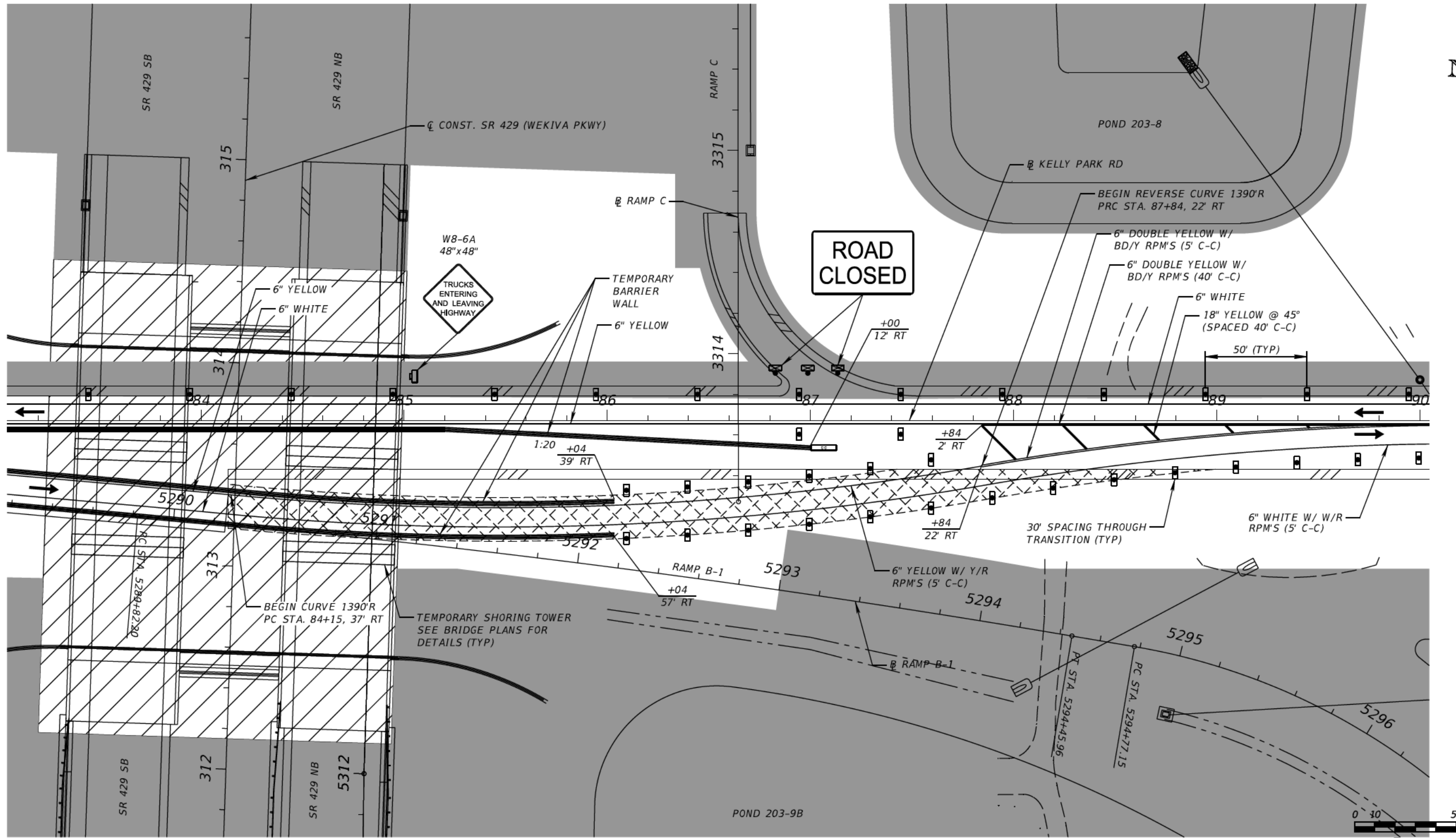
KELLY PARK RD -- PHASE II


REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 688
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				




KELLY PARK RD -- PHASE II

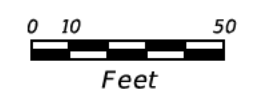
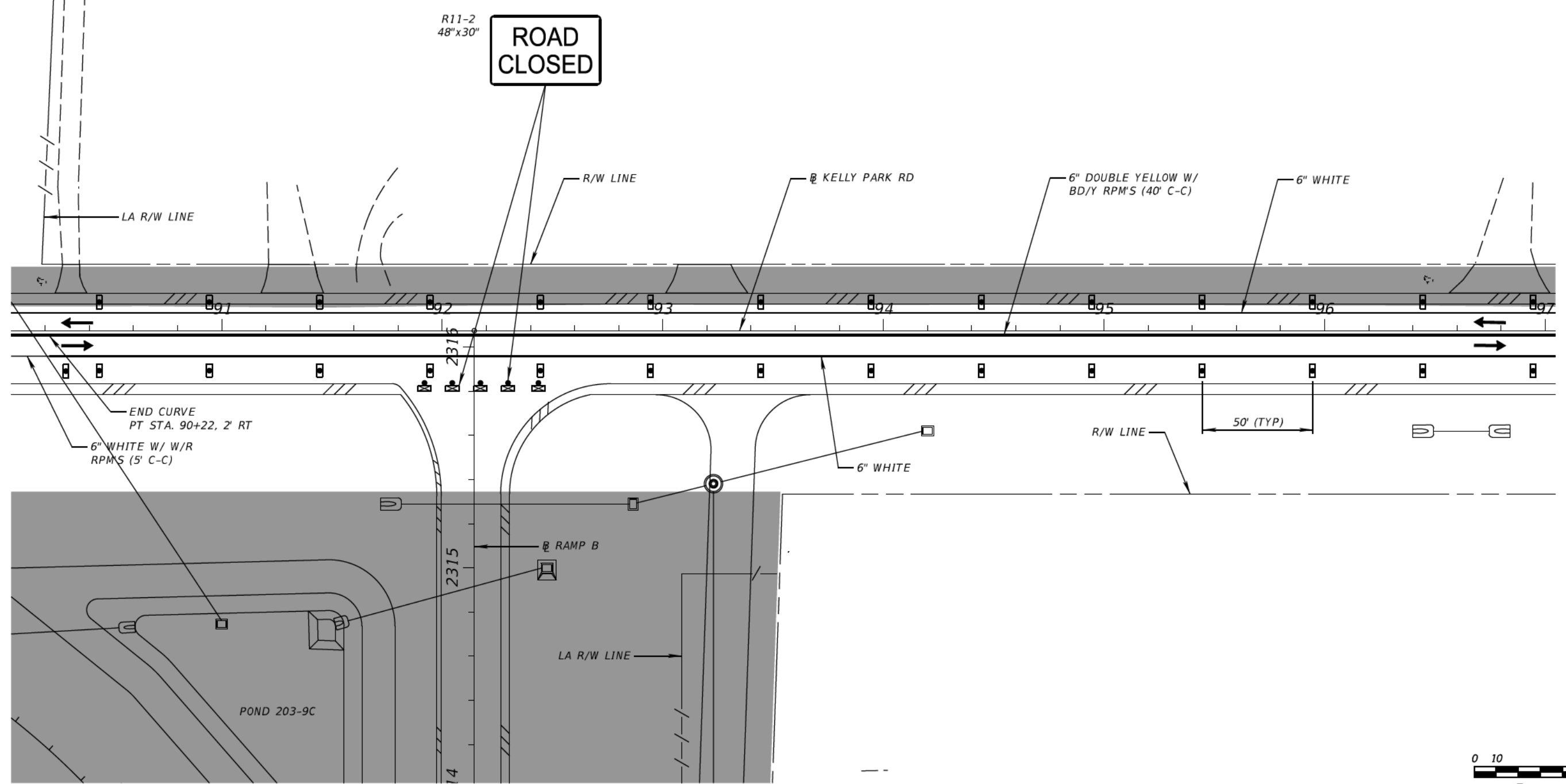
REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 689
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				




 BRIDGE CONSTRUCTION AREA:
SEE DETOUR DETAIL SHEET FOR ADDITIONAL INFORMATION

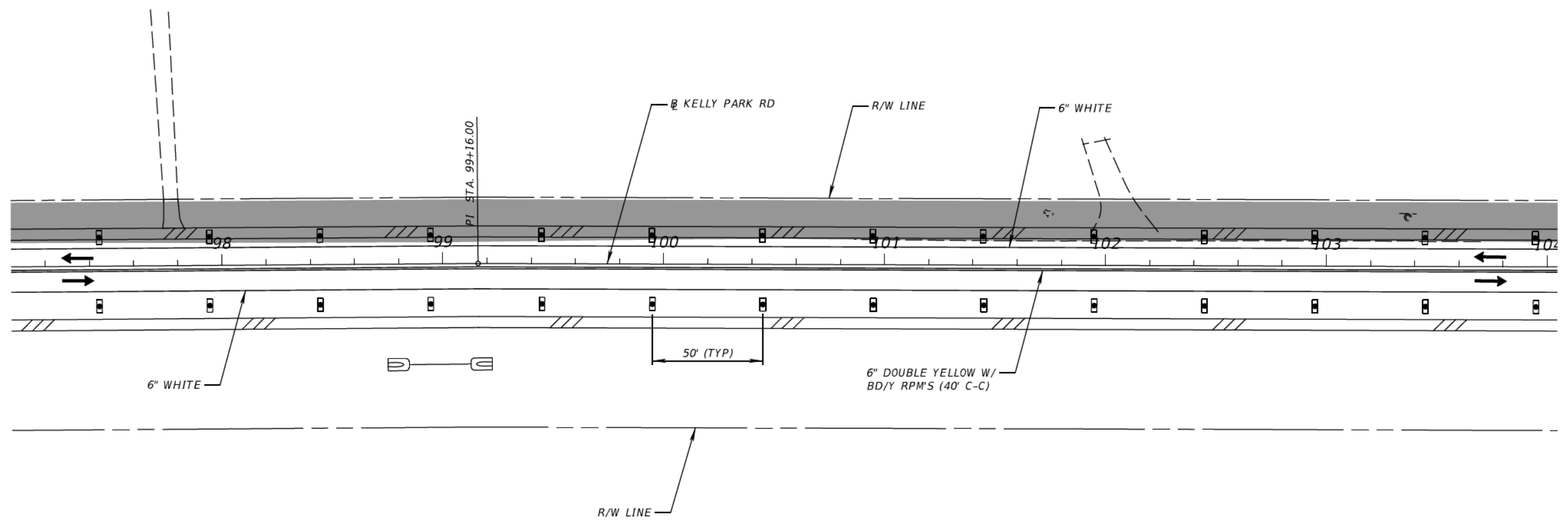
KELLY PARK RD -- PHASE II

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 690
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				




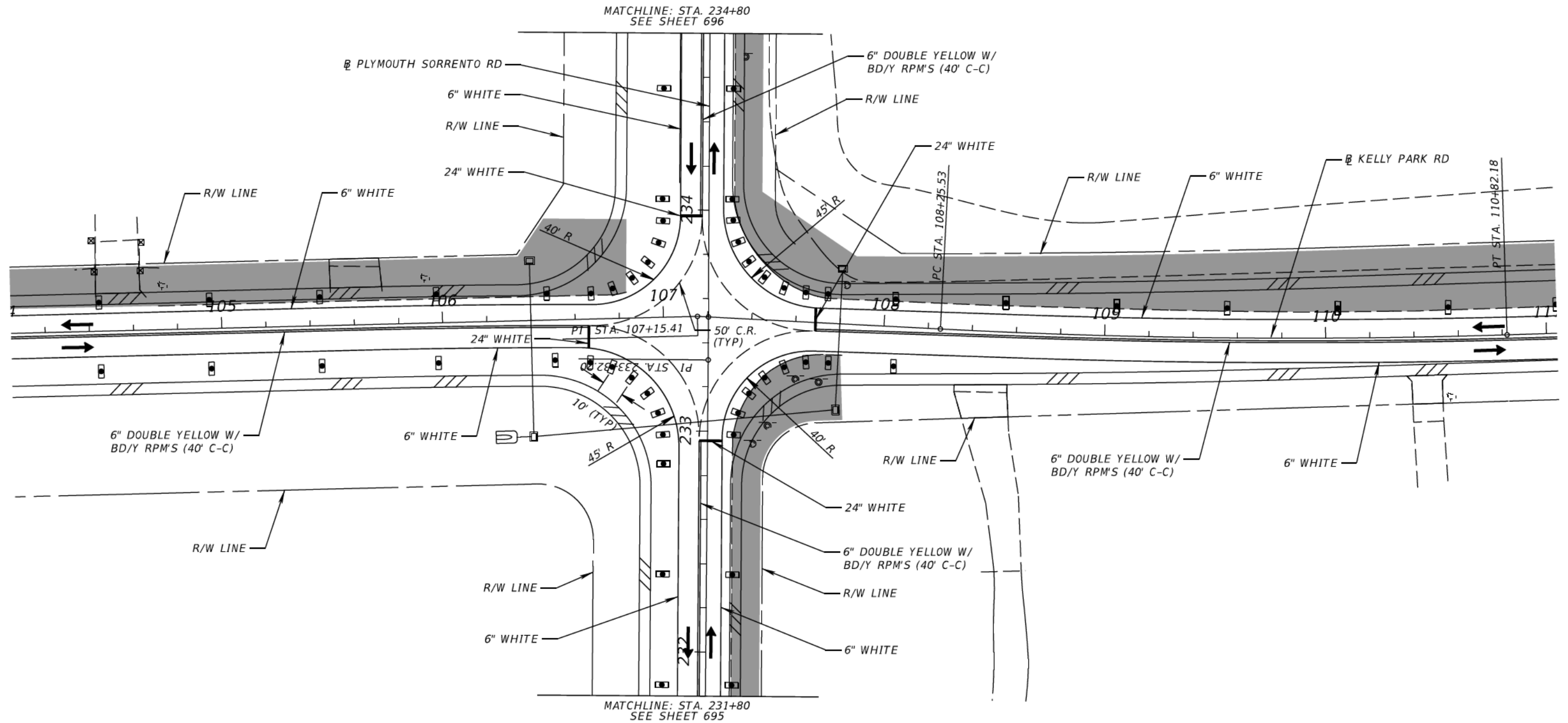
KELLY PARK RD -- PHASE II

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 691
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



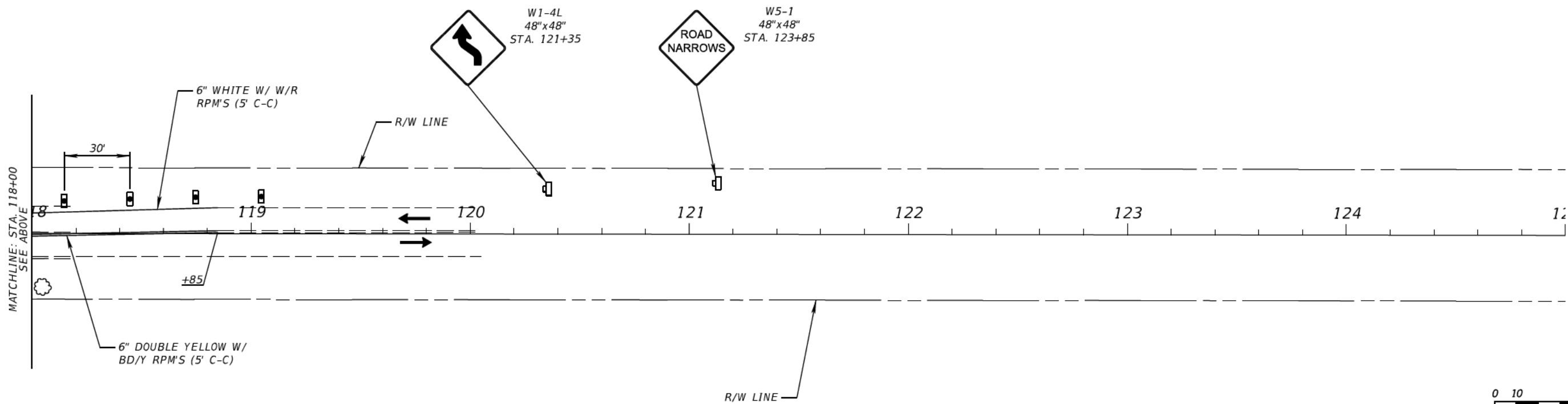
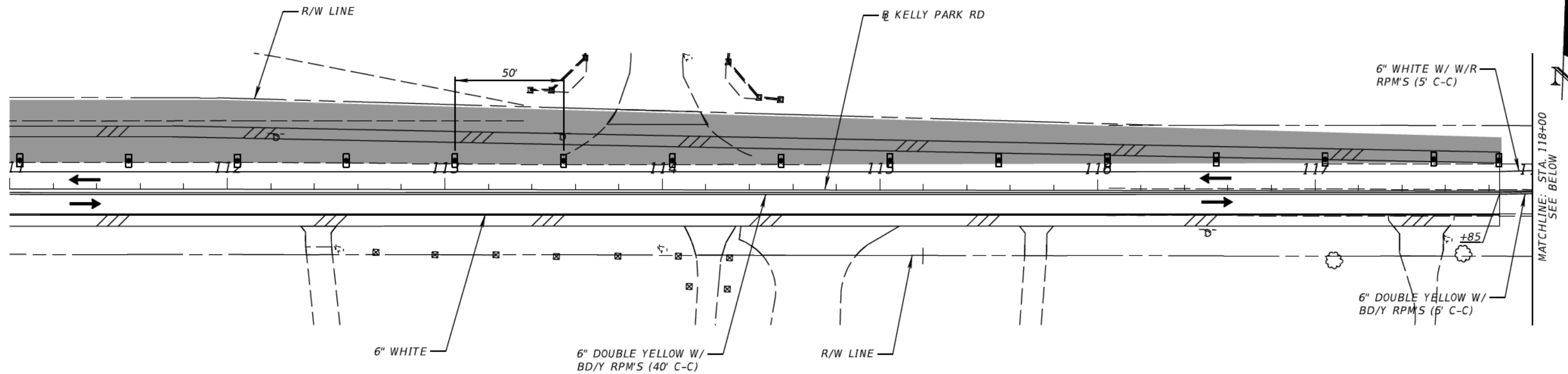
KELLY PARK RD -- PHASE II

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			692
						SR 429	429-203				




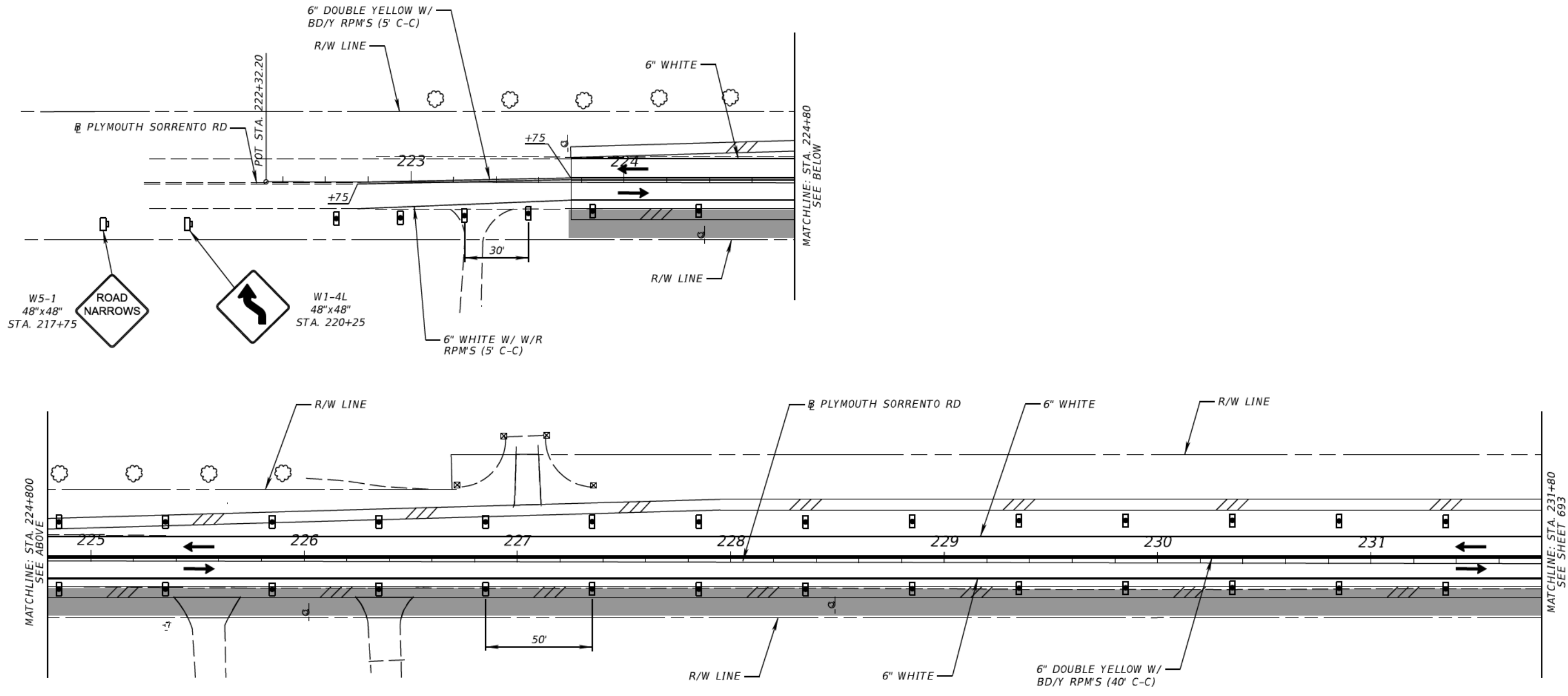
KELLY PARK RD -- PHASE II

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 693
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				




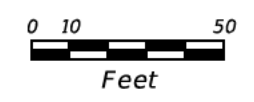
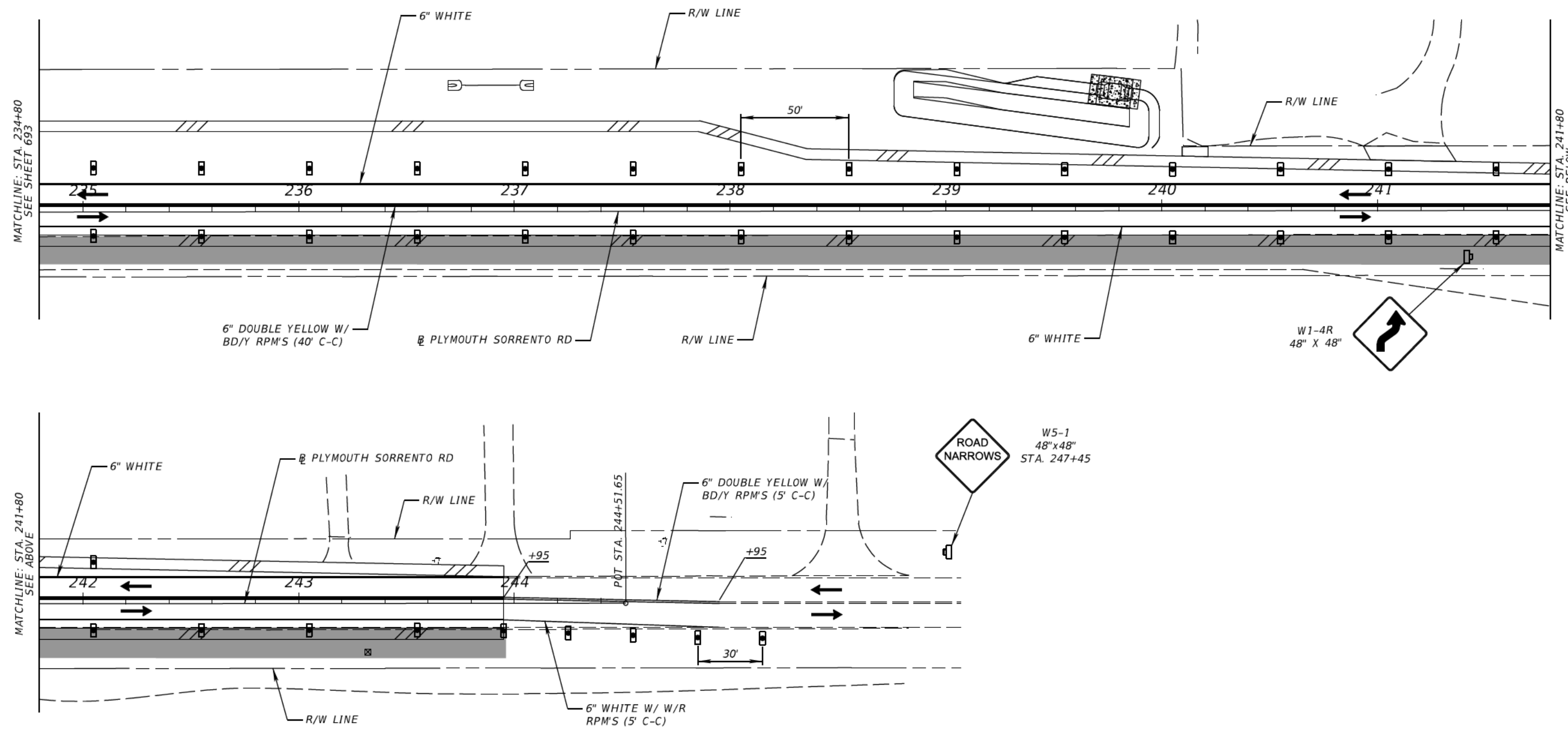
KELLY PARK RD -- PHASE II

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 694
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



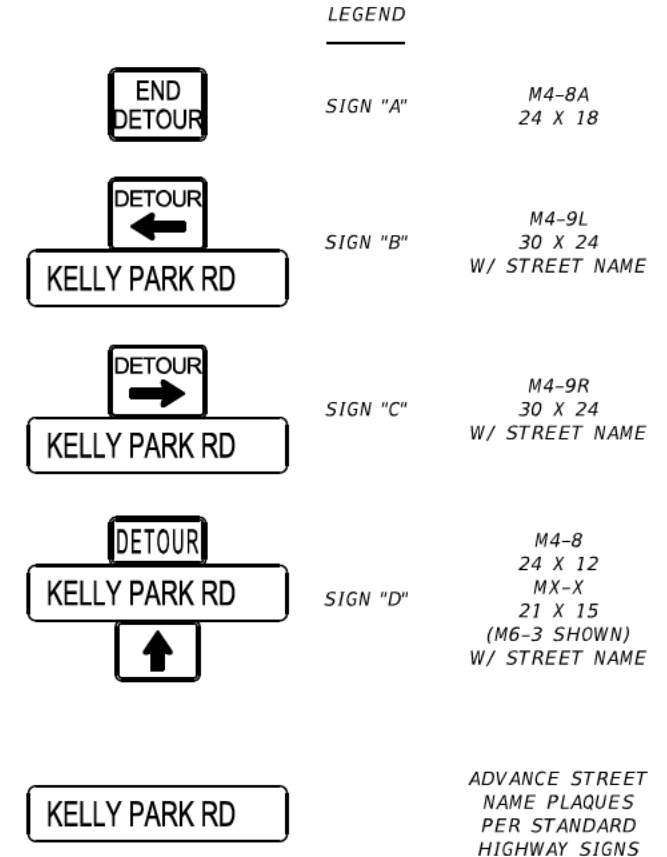
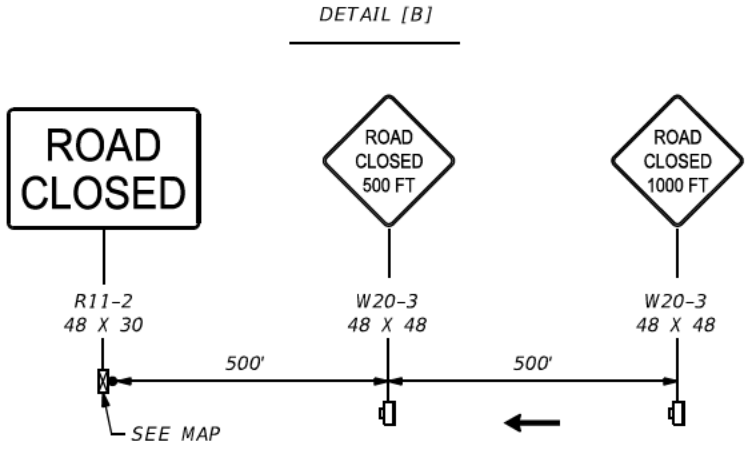
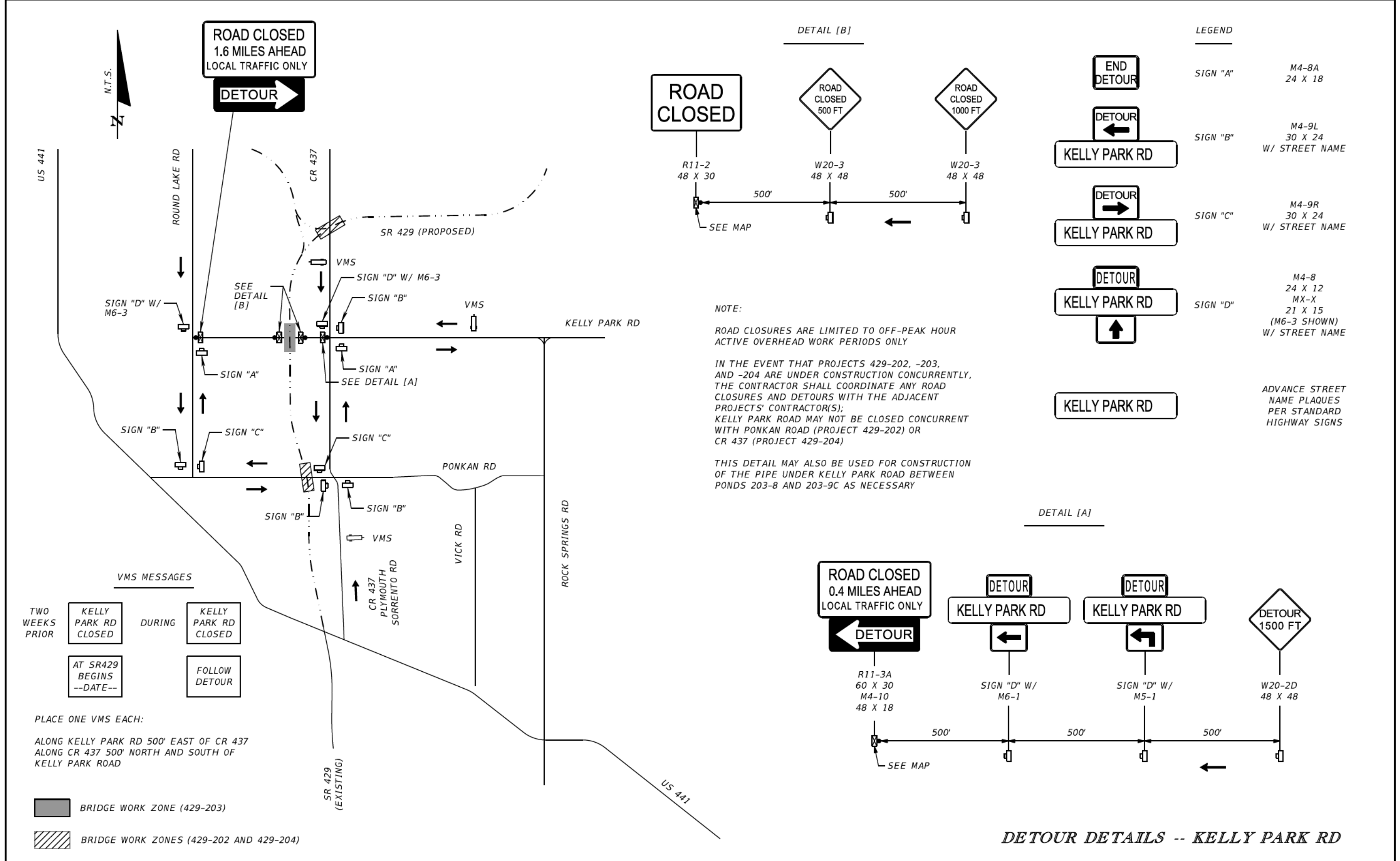
PLYMOUTH SORRENTO RD -- PHASE II

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY 		TRAFFIC CONTROL PLAN	SHEET NO. 695
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.		
						SR 429	429-203			



PLYMOUTH SORRENTO RD -- PHASE II

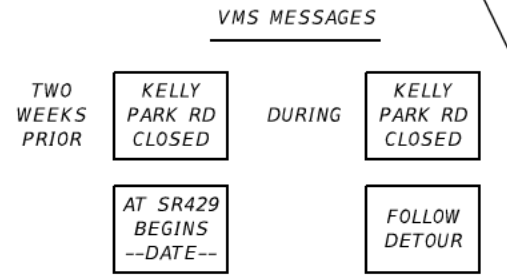
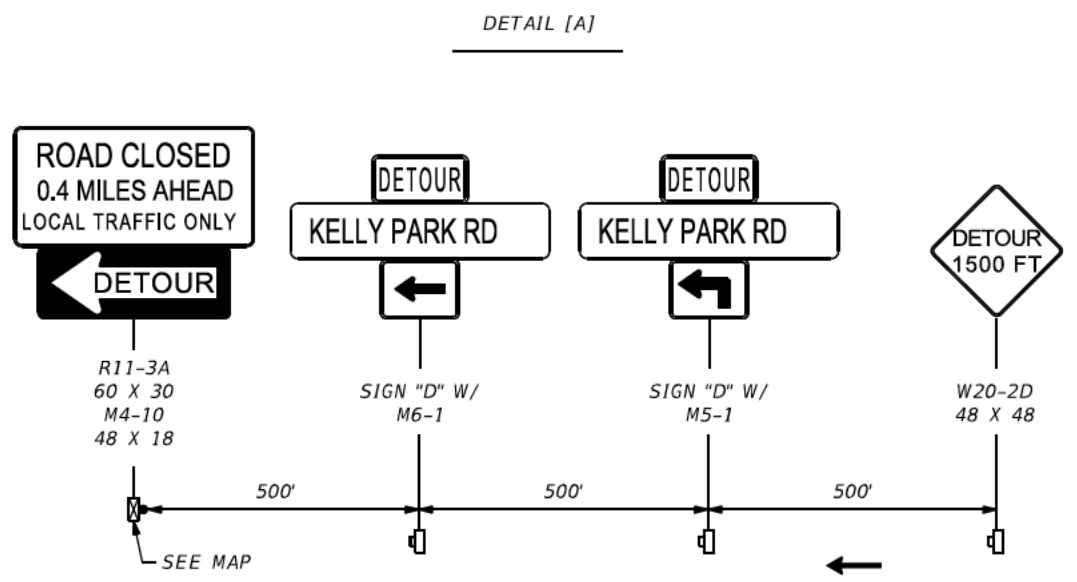
REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY			TRAFFIC CONTROL PLAN	SHEET NO. 696
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	PROJECT NO.			
						SR 429	429-203				



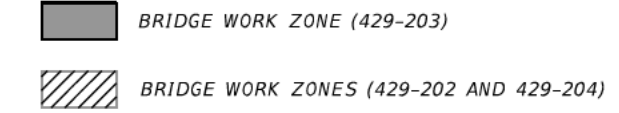
NOTE:
 ROAD CLOSURES ARE LIMITED TO OFF-PEAK HOUR ACTIVE OVERHEAD WORK PERIODS ONLY

IN THE EVENT THAT PROJECTS 429-202, -203, AND -204 ARE UNDER CONSTRUCTION CONCURRENTLY, THE CONTRACTOR SHALL COORDINATE ANY ROAD CLOSURES AND DETOURS WITH THE ADJACENT PROJECTS' CONTRACTOR(S); KELLY PARK ROAD MAY NOT BE CLOSED CONCURRENT WITH PONKAN ROAD (PROJECT 429-202) OR CR 437 (PROJECT 429-204)

THIS DETAIL MAY ALSO BE USED FOR CONSTRUCTION OF THE PIPE UNDER KELLY PARK ROAD BETWEEN PONDS 203-8 AND 203-9C AS NECESSARY



PLACE ONE VMS EACH:
 ALONG KELLY PARK RD 500' EAST OF CR 437
 ALONG CR 437 500' NORTH AND SOUTH OF KELLY PARK ROAD



DETOUR DETAILS -- KELLY PARK RD

REVISIONS						JAMES E. BRADFORD, P.E. P.E. LICENSE NUMBER 68276 DEWBERRY BOWYER-SINGLETON 520 SOUTH MAGNOLIA AVENUE ORLANDO, FL 32801 CERTIFICATE OF AUTHORIZATION 8794	CENTRAL FLORIDA EXPRESSWAY AUTHORITY ROAD NO. SR 429 PROJECT NO. 429-203			TRAFFIC CONTROL PLAN	SHEET NO. 697
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						

