BOARD OF COUNTY COMMISSIONERS
ESCAMBIA COUNTY, FLORIDA
ENGINEERING DEPARTMENT - CONSTRUCTION MANAGEMENT DIVISION
IN ASSOCIATION WITH
EMERALD COAST UTILITIES AUTHORITY

CONSTRUCTION PLANS FOR

ENG650
BEACH HAVEN NORTHEAST DRAINAGE AND SANITARY SEWER PROJECT
PHASE II

RELEASED FOR CONSTRUCTION
MAY 2023

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GLENN P. HALSTEAD
No.43970
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

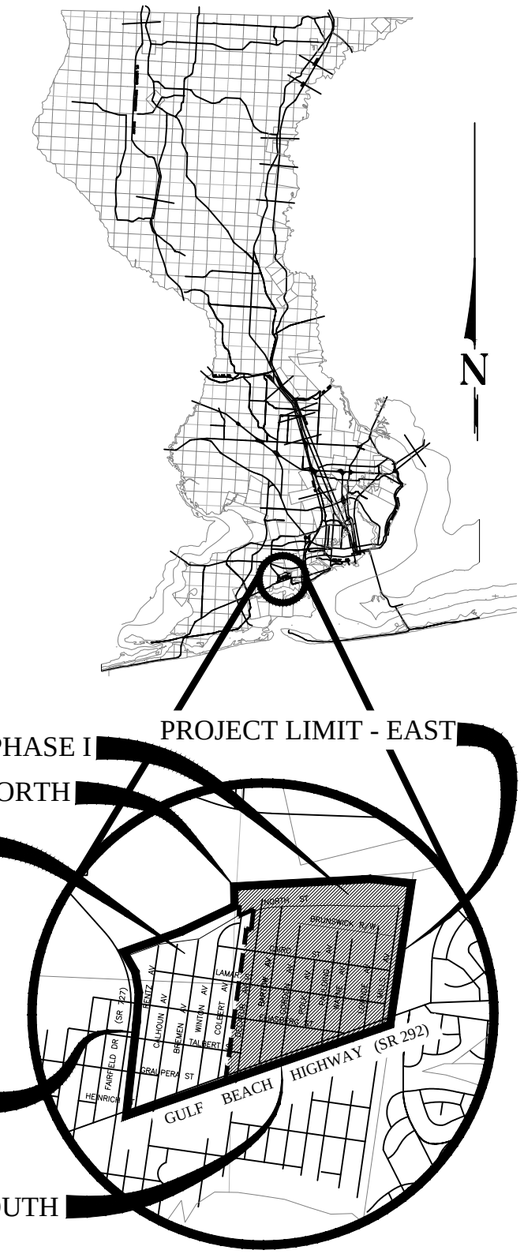
McKIM & CREED, INC.
1206 N. PALAFOX STREET
PENSACOLA, FLORIDA 32501
CERTIFICATE OF AUTHORIZATION: 29588
GLENN P. HALSTEAD, P.E. 43970

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE SHEETS AT LEFT IN ACCORDANCE WITH RULE 61G15-23004, F.A.C.

COUNTY COMMISSIONERS

DISTRICT ONE	JEFF BERGOSH
DISTRICT TWO	MIKE KOHLER
DISTRICT THREE	LUMON MAY
DISTRICT FOUR	ROBERT BENDER
DISTRICT FIVE	STEVEN BARRY

ESCAMBIA COUNTY, FLORIDA



VICINITY MAP

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE LATEST ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.

ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.

SURVEY NO.	PROJECT NO.	DRAWING NO.
jhi-120016.S	PD11-12.030	0.00

LENGTH OF PROJECT =22,623 LF; 4.28 MILES

PROJECT MANAGER: NICK CHAUVIN, COUNTY	KEITH FELL, ECUA
SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W	DISTRICT: 2
PROJECT ENGINEER: GLENN P. HALSTEAD, P.E.	REG FLA ENG NO: 43970
SIGNATURE:	DATE: MAY, 2023

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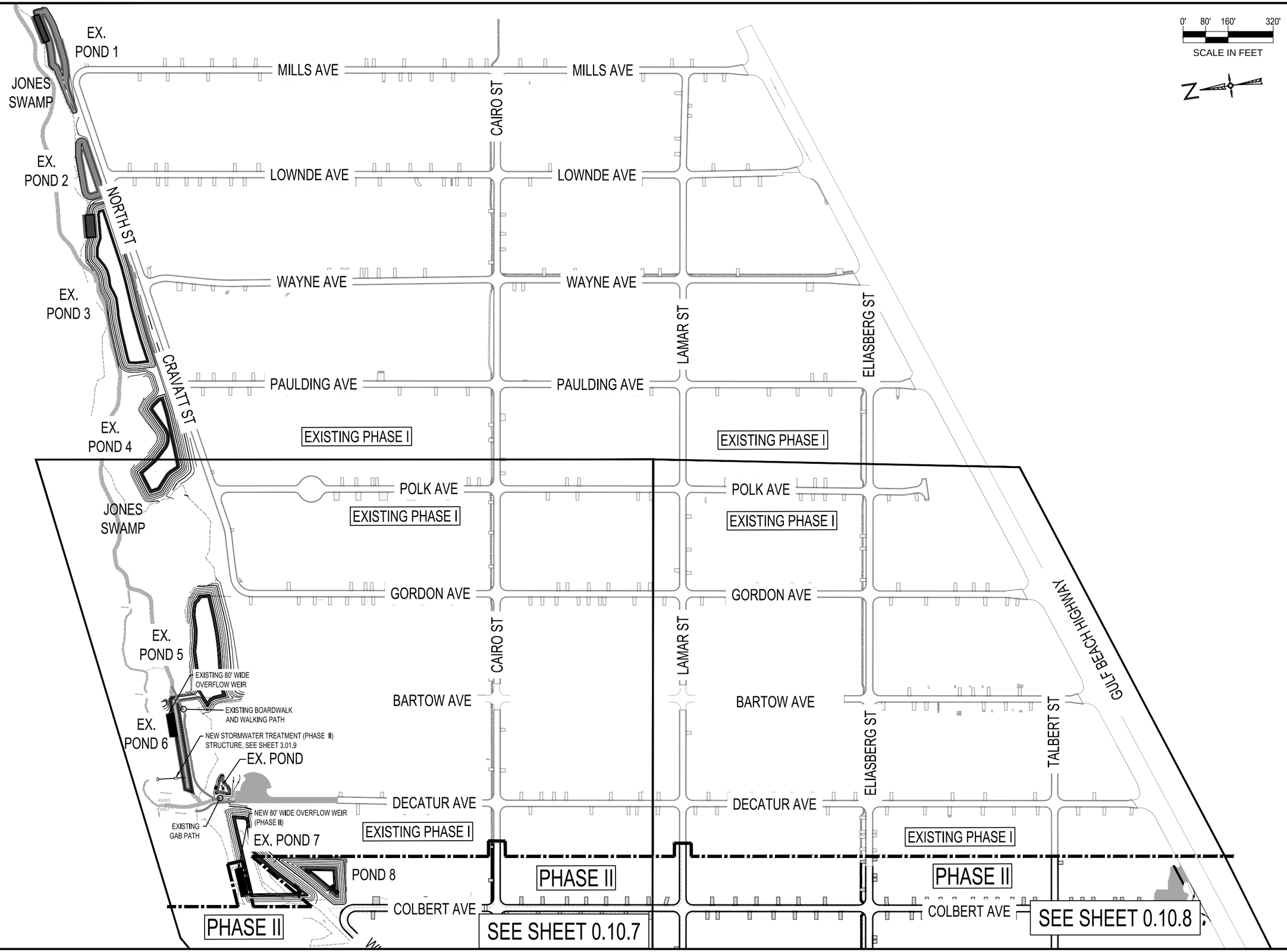

OVERALL PLAN INDEX

PHASE II

GENERAL SHEETS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 1 & 2	SIGNATURE:
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2S / 31W

NUMBER	REVISIONS	DATE	APPROV'D BY

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PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

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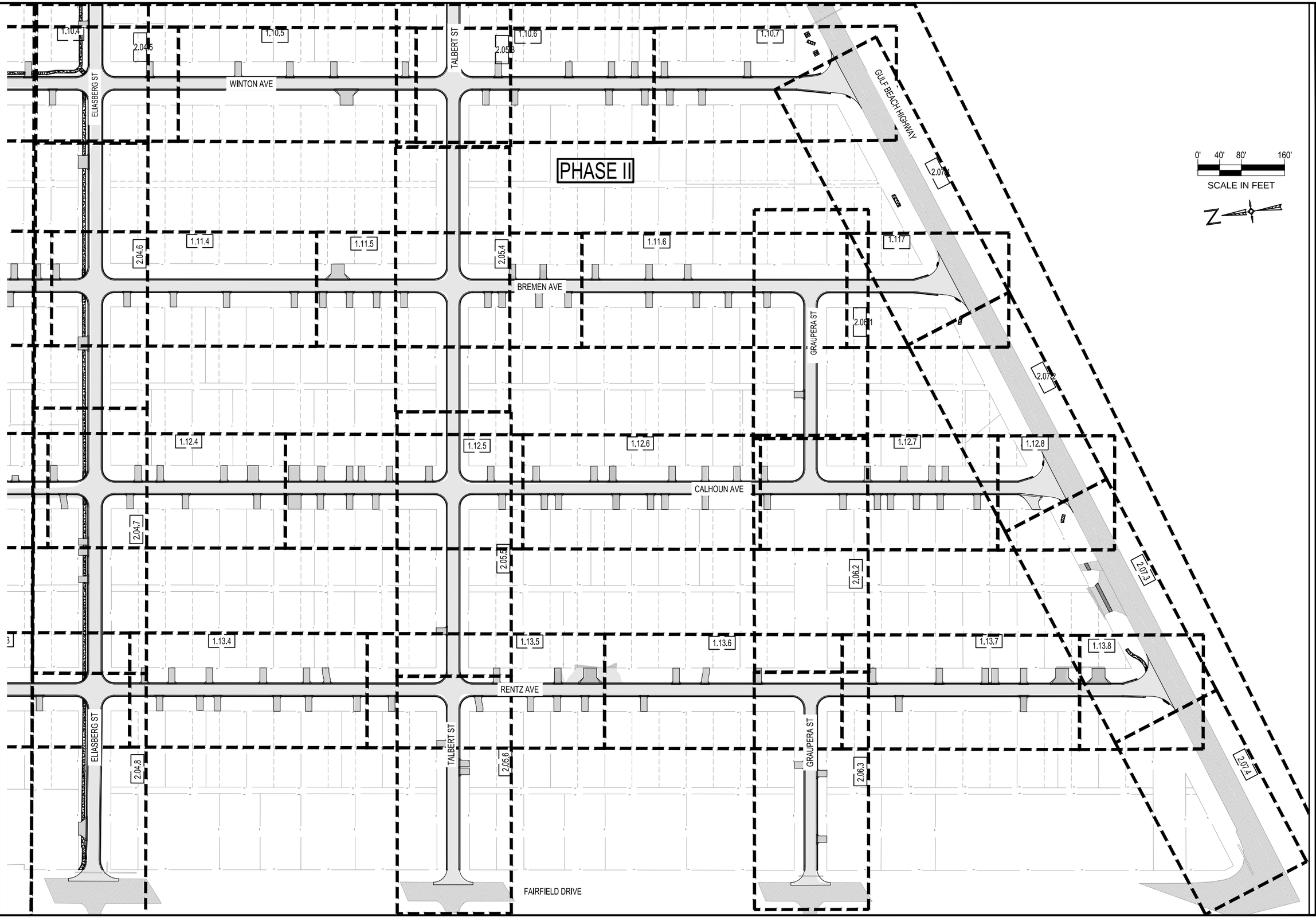
ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	CHANGE INCORPORATION (Yellow Highlighter)



SHEET PLAN INDEX

PHASE II - SOUTHWEST

GENERAL SHEETS

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

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TITLE BOOK/PAGES: TC30 / 1-36		SECTION/TOWNSHIP/RANGE 35 / 2S / 31W	DATE:

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PROJECT NUMBER PD 11-12.030

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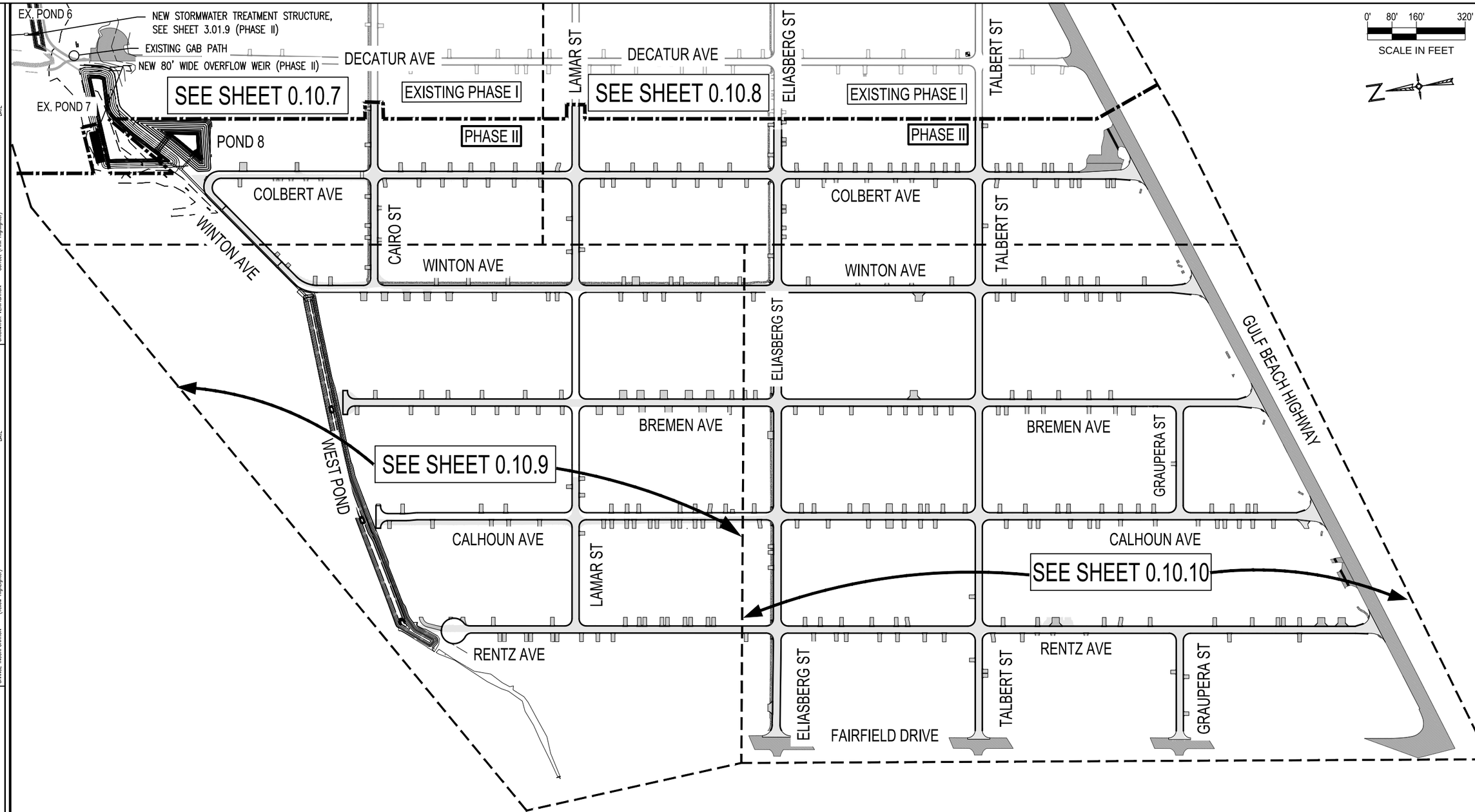

OVERALL PLAN INDEX

PHASE II

GENERAL SHEETS

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY:	GPH
DATE:	MAY 2023
TILED BOOK/PAGES:	TC30 / 1-36
DESIGNED BY:	GPH
PROJECT MANAGER:	CHRIS A. CLARK
SECTION/TOWNSHIP/RANGE:	35 / 2S / 31W
CHECKED BY:	GPH
REG. FLA. ENG. NO.	43970
ASST SECT:	
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PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

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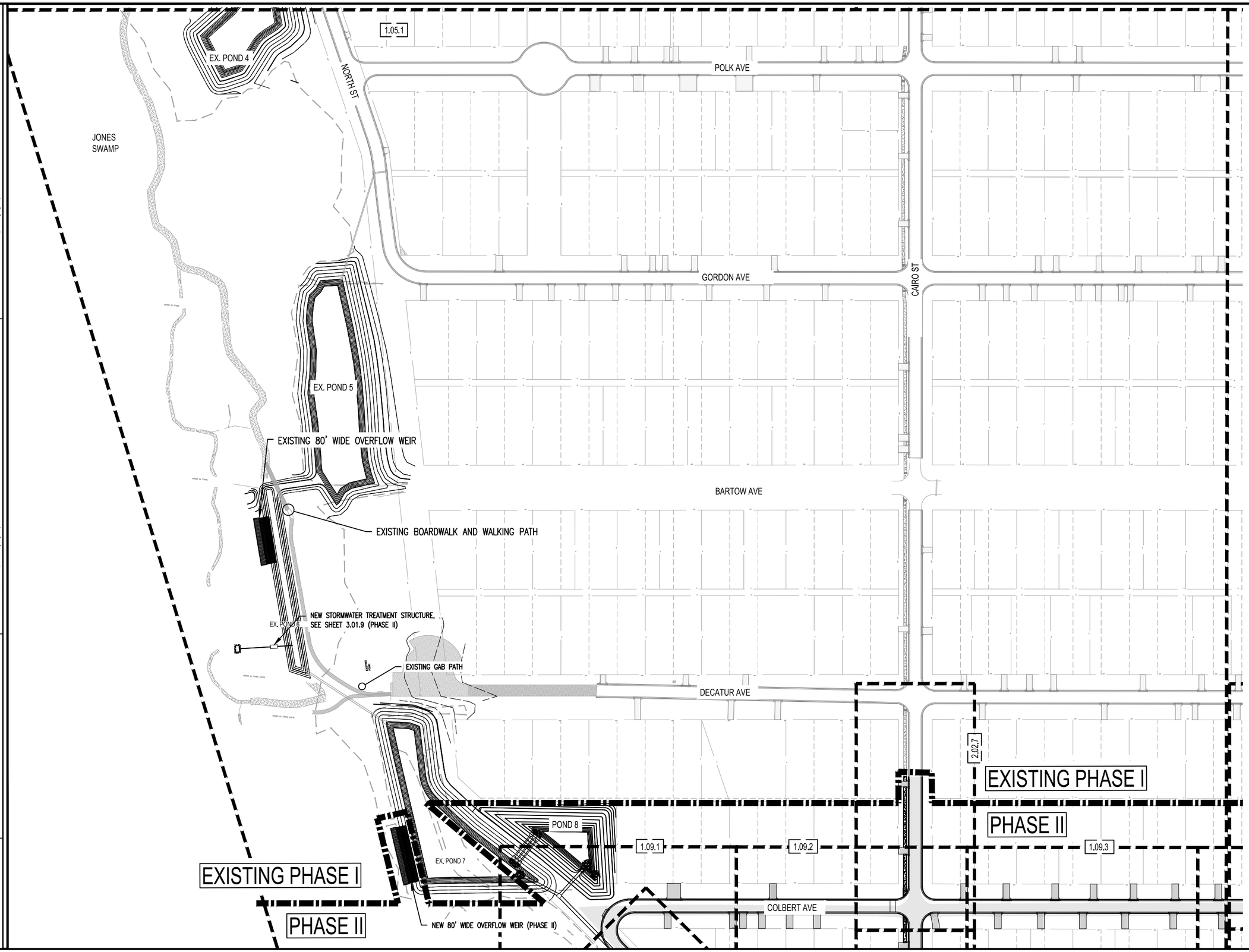

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REMARK INCORPORATION (Blue Highlighter)	DATE	
ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE	

SHEET PLAN INDEX

PHASE II - CENTRAL NORTHEAST

GENERAL SHEETS

ENGINEERING DIVISION

ESCAMBIA COUNTY, FLORIDA

3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLEBO	DISTRICT: 2	SIGNATURE:
FIELD BOOK PAGES: TC30/1-35		SECTION / TOWNSHIP / RANGE 35 / 2S / 31W	

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PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

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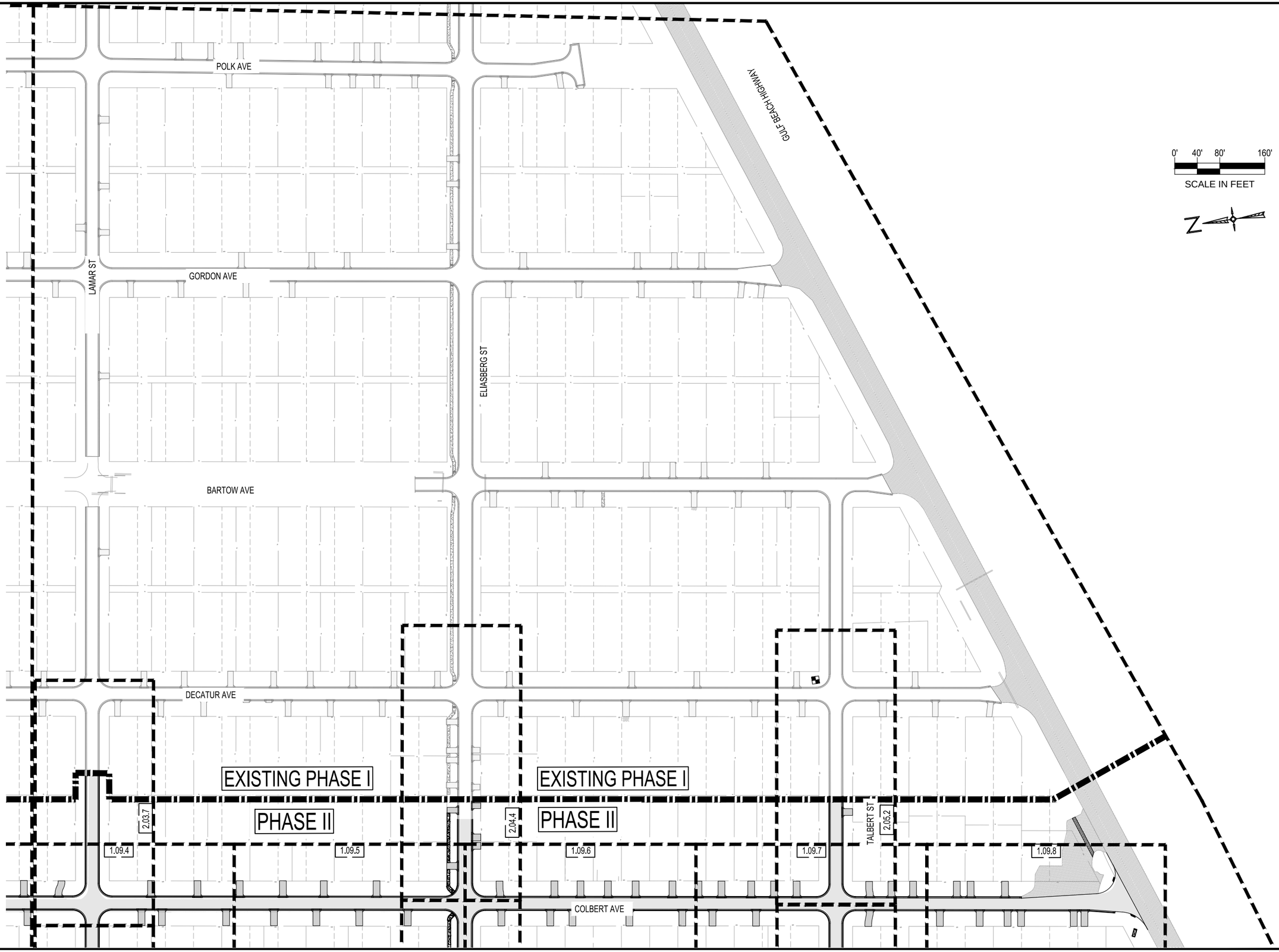

SHEET PLAN INDEX

PHASE II- CENTRAL SOUTHEAST

GENERAL SHEETS

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

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FIELD BOOK / PAGES: TC20 / 1-35		SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W	

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 0.10

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 0.10.8

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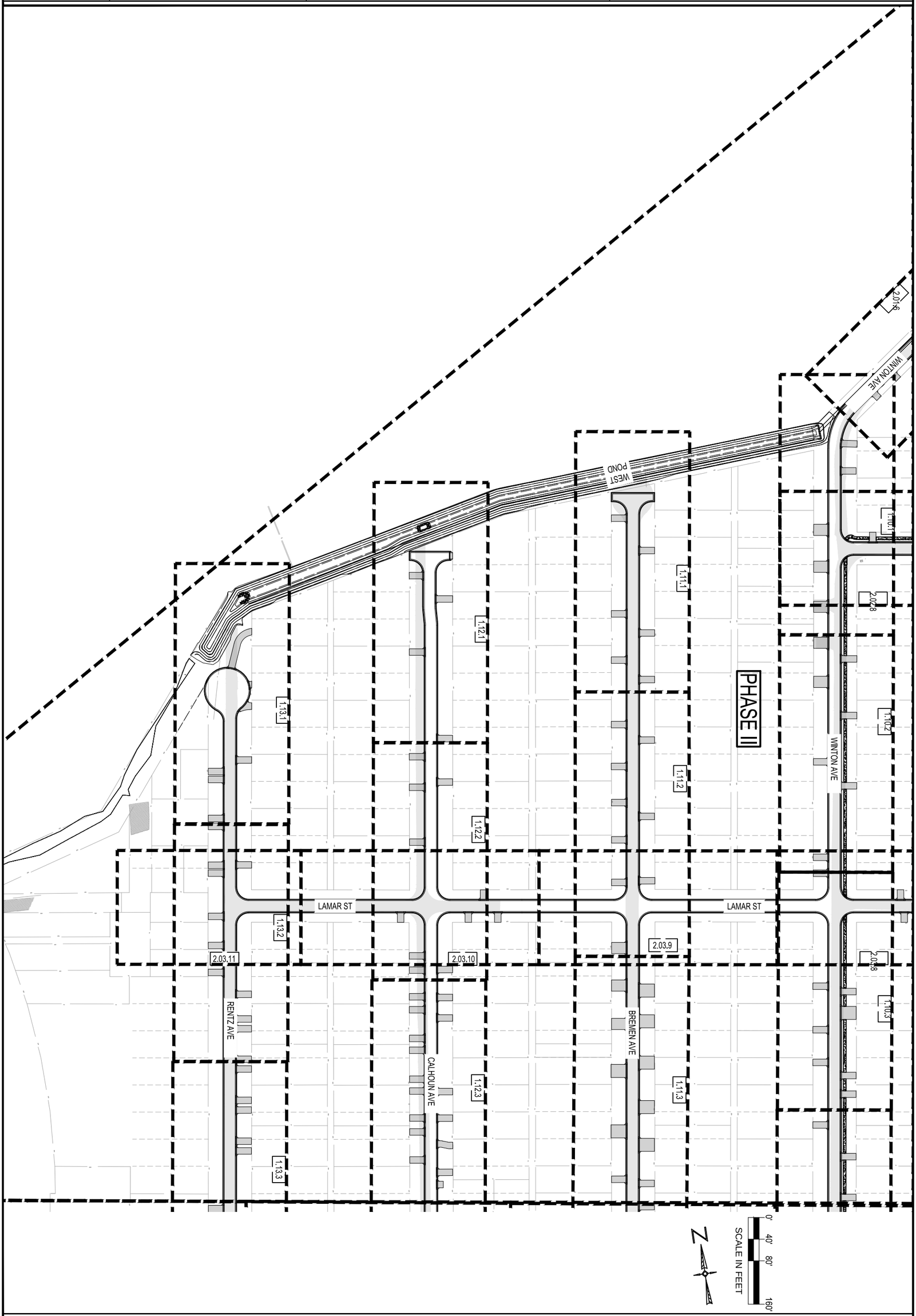

SHEET	SURVEY NUMBER	PROJECT NUMBER	DRAWING NUMBER
0.10.9	jbt-120016.S	PD 11-12.030	0.10

NUMBER	REVISIONS	DATE	APPROVED BY

ENGINEERING DIVISION

ESCAMBIA COUNTY, FLORIDA

3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

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GPH/TAH	GPH	GPH	43970	
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FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W			

SHEET PLAN INDEX

PHASE II - NORTHWEST

GENERAL SHEETS

No.	DESCRIPTION	UNIT	QUANTITY
1	NPDES/ SWPPP/ EROSION CONRTROL/ SILTATION CONTROL/ REPORTING/ IMPLEMENTATION	LS	1
2	MOBILIZATION/ DEMOBILIZATION/ BONDS/ INSURANCE/ GENERAL CONDITIONS/ GRANT REPORTING	LS	1
3	CONSTRUCTION SURVEYING	LS	1
4	MOT: PREPARE PLAN/ NOTIFICATIONS/ IMPLEMENTATION (County and FDOT Standards)	LS	1
5	ORANGE SAFETY FENCE WITH POSTS FOR TREE PROTECTION	LF	6,089
6	CLEARING AND GRUBBING	LS	1
7	REMOVE/RELOCATE SHRUBS	EA	19
8	REMOVE EXISTING MAILBOX	EA	310
9	REMOVE BRICK/MASONRY MAILBOX	EA	6
10	EARTHWORK EXCAVATION/CUT: ROADWAY SECTION & RIGHT-OF-WAY	CY	27,963
11	EARTHWORK FILL: ROADWAY SECTION & RIGHT-OF-WAY	CY	8,099
12	EARTHWORK EXCAVATION/CUT: PONDS	CY	9,381
13	EARTHWORK FILL: PONDS	CY	144
14	DEWATERING	LS	1
15	GRADE POND SLOPES	SY	7,220
16	REMOVE EXISTING ASPHALT DRIVEWAY, 1.5" AVG. DEPTH	SY	979
17	REMOVE EXISTING ASPHALT, VARYING DEPTH	SY	52,788
18	SAW CUT EXISTING ASPHALT	LF	561
19	SAW CUT EXISTING CONCRETE/SIDEWALK	LF	1,682
20	REMOVE EX. DETECTABLE HANDICAP WARNING MAT (GULF BEACH HIGHWAY ONLY)	SF	120
21	REMOVE EXISTING CONCRETE, 4" THICK	SY	5,307
22	REMOVE EXISTING CONCRETE CURBING	LF	4,008
23	TEMPORARILY RELOCATE/REMOVE/ABANDON/ 2" PVC FM	LS	1
24	TEMPORARILY RELOCATE/REMOVE/ABANDON/ 4" PVC FM	LS	1
25	TEMPORARILY RELOCATE/REMOVE/ABANDON/ 6" PVC FM	LS	1
26	REMOVE 2" PVC	LF	16
27	REMOVE 4" CPP	LF	10
28	REMOVE 12" CMP	LF	20
29	REMOVE 12"x18" ERCP	LF	126
30	REMOVE 15" CMP	LF	100
31	REMOVE 15" RCP	LF	171
32	REMOVE 18" CMP	LF	919
33	REMOVE 18" CPP	LF	323
34	REMOVE 18" RCP	LF	1,017
35	REMOVE 24" CMP	LF	84
36	REMOVE 24" CPP	LF	253
37	REMOVE 24" PVC	LF	134
38	REMOVE 24" RCP	LF	1,676
39	REMOVE 30" CMP	LF	74
40	REMOVE 36" RCP	LF	46
41	REMOVE STORMWATER JUNCTION STRUCTURE/CATCH BASIN	EA	9
42	REMOVE CONCRETE/SANDBAG HEADWALL	EA	41
43	REMOVE MES	EA	58
44	REMOVE DOUBLE MES AND 44 LF ~ 14"x23" ELLIPTICAL RCP (GULF BEACH HIGHWAY)	LS	1
45	REMOVE POST/WOODEN BOARDWALK/CABLE BARRIER	LF	51
46	REMOVE TO WASTE EXISTING GRAVEL, SHELL, RUBBLE OR MIXTURE DRIVEWAY	SY	6,232
47	REMOVE AND REPLACE UNSUITABLE MATERIALS	CY	2,000
48	RELOCATE EXISTING ANTENNA/SATELLITE DISH (IF NECESSARY)	EA	4
49	DITCH BOTTOM INLET - TYPE C WITH GRATE TOP	EA	1
50	DITCH BOTTOM INLET - TYPE E WITH SINGLE SLOT AND GRATE TOP	EA	1
51	DITCH BOTTOM INLET - TYPE E WITH DBL. SLOT AND GRATE TOP	EA	2
52	DITCH BOTTOM INLET - TYPE E WITH ROUND BOTTOM AND GRATED TOP	EA	1
53	DITCH BOTTOM INLET - TYPE K WITH GRATED TOP AND PERIMETER FENCE	LS	1
54	CURB INLET TYPE 5	EA	69
55	CURB INLET TYPE 6	EA	70
56	CURB INLET TYPE 10	EA	1
57	JUNCTION BOX - TYPE P7 MANHOLE	EA	1
58	JUNCTION BOX - TYPE J7 MANHOLE	EA	2
59	JUNCTION BOX - TYPE J WITH GRATE TOP	EA	1
60	CONCRETE ENDWALL WITH 45 DEGREE WINGS - 48" DIA. PIPE	EA	2
61	24" CROSS DRAIN MES	EA	6
62	DOUBLE CROSS DRAIN MES (GULF BEACH HIGHWAY)	EA	2

No.	DESCRIPTION	UNIT	QUANTITY
63	8" PVC SS (2' - 6' DEPTH)	LF	5,180
64	8" PVC SS (6' - 10' DEPTH)	LF	5,496
65	8" PVC SS (10' - 14' DEPTH)	LF	1,236
66	12" PVC SS (2' - 6' DEPTH)	LF	1,745
67	12" PVC SS (6' - 10' DEPTH)	LF	1,479
68	12" PVC SS (10' - 14' DEPTH)	LF	370
69	15" PVC SS (6' - 10' DEPTH)	LF	1,064
70	18" PVC SS (6' - 10' DEPTH)	LF	244
71	18" PVC SS (10' - 14' DEPTH)	LF	3,445
72	18" RCP PIPE	LF	2,200
73	24" RCP PIPE	LF	2,046
74	30" RCP PIPE	LF	3,321
75	36" RCP PIPE	LF	3,393
76	42" RCP PIPE	LF	2,047
77	48" RCP PIPE	LF	743
78	54" RCP PIPE	LF	1,848
79	60" RCP PIPE	LF	594
80	14"x23" ELLIPTICAL RCP (GULF BEACH HIGHWAY)	LF	88

PAYMENT ITEM CONTINUED ON SHEET 0.11.3

PAYMENT ITEM NOTES:

1. PAY ITEM 4 IS A LUMP SUM PAY ITEM AND SHALL ALSO INCLUDE MAINTENANCE OF TRAFFIC PLAN PREPARATION FOR ALL PHASES OF CONSTRUCTION FOR BOTH CONTRACTS. THIS INCLUDES BOTH COUNTY AND FDOT MOT. THE FDOT PERMIT IS A PART OF THE CONTRACT AND SHALL BE FOLLOWED. THE COUNTY MOT PLAN SHALL BE SUBMITTED TO THE COUNTY FOR APPROVAL (SUBMITTAL REVIEW PROCESS). COORDINATION BETWEEN CONTRACTS MOT IS CRITICAL.
2. PAY ITEM 6 IS A LUMP SUM PAY ITEM AND INCLUDES THE AREA WITHIN THE RIGHT-OF-WAYS AND THE POND AREAS. THIS PAY ITEM INCLUDES THE REMOVAL OF ALL TREES WITHIN THESE PROJECT AREAS WITH THE EXCEPTION OF THE TREES AND VEGETATION NOTED AS TO BE PROTECTED/RELOCATED. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE AMOUNT, LOCATION AND SIZE OF TREES (AND ALL VEGETATION) BEFORE SUBMITTING A BID.
3. PAY ITEM 7 SHALL INCLUDE THE CAREFUL REMOVAL AND RELOCATION/REPLANTING OF VEGETATION NOTED ON THE DEMOLITION/CONSTRUCTION PLANS. COORNINATE WITH COUNTY (CEI) AND PROPERTY OWNERS.
4. PAY ITEM 8 INCLUDES ALL MAILBOXES WITHIN THE PROJECT AREA WHICH ARE SINGLE MAILBOXES UPON A SINGLE PEDESTAL.
5. PAY ITEM 9 SHALL ONLY BE DONE UPON APPROVAL OF THE INDIVIDUAL PROPERTY OWNERS AND CONCURRENCE WITH THE POST OFFICE REPRESENTATIVE. COORDINATE WITH COUNTY CEI AT ALL TIMES.
6. PAY ITEMS 10, 11, 12 AND 13 DOES *NOT* INCLUDE ANY SHRINK OR SWELL FACTORS. ALL FILL IS ON-SITE MATERIALS. ITEMS 10 AND 11 INCLUDE THE EARTHWORK CUT WITHIN THE EXISTING R/W'S FOR THE ROADWAY SECTIONS AND GRADING TO/NEAR THE RIGHT-OF-WAY LIMITS. EXCESS SOIL MATERIAL SHALL BE REMOVED FROM THE SITE. EARTHWORK FOR DRIVEWAY CONSTRUCTION IS NOT INCLUDED IN THIS PAY ITEM.
7. PAY ITEM 14 IS A LUMP SUM PAY ITEM AND INCLUDES DEWATERING FOR ALL CONSTRUCTION. I.E. TO INCLUDE POND AREAS, ALL PIPING INSTALLATIONS AND ROADWAY CONSTRUCTION.
8. PAY ITEM 16 & 17 INCLUDE THE EXISTING ROADWAY REMOVAL. REFER TO GEOTECHNICAL INVESTIGATIONS FOR VARYING ASPHALT THICKNESS.
9. PAY ITEMS 23, 24 AND 25 ARE EXISTING SANITARY SEWER FORCEMAINS. PRICE SHALL INCLUDE THE MEANS/METHODS/MATERIALS TO KEEP ALL EXISTING SEWER CUSTOMERS IN SERVICE DURING ALL PHASES OF CONSTRUCTION, I.E. TEMPORARY RELOCATE MAY BE NECESSARY. THE KNOWN FORCEMAINS ARE SHOWN ON THE PLANS. SOME FORCEMAINS MAY BE PRIVATE AND THE OTHERS BELONG TO ECUA. FOR PRIVATE FORCEMAINS, COORDINATION WITH THE OWNERS WILL BE NECESSARY.
10. PAY ITEMS 26 THROUGH 40 ARE EXISTING STORMWATER PIPES OF VARYING MATERIAL AND SIZE LOCATED THROUGHOUT THE PROJECT. REMOVE AND DISPOSE OFFSITE IN A LEGAL MANNER.
11. PAY ITEM 46 INCLUDES REMOVAL OF ALL DRIVEWAYS EXCEPT CONCRETE AND ASPHALT DRIVEWAYS WHICH ARE PAID UNDER SEPARATE PAY ITEMS.
12. PAY ITEM 47 IS FOR UNSUITABLE ENCOUNTERED SOIL MATERIALS. COUNTY ENGINEERING AND CEI MUST APPROVE ALL QUANTITIES FOR EACH SITUATION ENCOUNTERED. THE PAY QUANTITY WILL BE IN-PLACE MEASURE.
13. PAY ITEMS 49 THROUGH 62, DRAINAGE STRUCTURES AND SEWER MANHOLES, SHALL BE COMPLETE UNITS WITH TOPS, BOTTOMS, FRAMES, GRATES, COVERS, ETC.. PROPERLY SIZED BOTTOM STRUCTURES SHALL BE PROVIDED TO ACCEPT THE INCOMING AND OUTGOING PIPES. FOUNDATIONS (I.E. COMPACTED SOILS, BASE ROCK) SHALL BE INCLUDED WITH THE UNIT PRICE AND BE FIRM AND NON-YIELDING. SEE GEOTECHNICAL REPORTS FOR ADDITIONAL INFORMATION/REQUIREMENTS FOR FOUNDATIONS.
14. PAY ITEMS 63 THROUGH 80 SHALL INCLUDE PROPER PIPE BEDDING FOR A FIRM AND NON-YIELDING TRENCH BEDDING SURFACE IN A DEWATERED TRENCH.

TABLE OF DEFINITIONS FOR PAY SUMMARY TERMINOLOGY AND THE TERMINOLOGY USED IN THESE PLANS OR IN GENERAL CONTEXTUAL ENGLISH

TERM	INTENDED DEFINITION
** ABANDON	TO LEAVE (SOMETHING) COMPLETELY; TO DESERT.
PERMANENT	(SOMETHING) EXISTING PERPETUALLY INTENDED TO FUNCTION FOR A LONG TIME.
PROTECT	TO KEEP (SOMETHING) SAFE FROM HARM, DAMAGE, OR DESTRUCTION.
REMOVE	TO TAKE (SOMETHING) AWAY OR OFF FROM THE POSITION IT CURRENTLY OCCUPIES.
REPLACE	TO PROVIDE A SUBSTITUTE OR EQUIVALENT (SOMETHING) IN THE PLACE OF (SOMETHING).
RELOCATE	TO MOVE (SOMETHING) TO A DIFFERENT LOCATION.
TEMPORARY OR TEMPORARILY	(SOMETHING) LASTING, EXISTING, SERVING, OR EFFECTIVE FOR A LIMITED TIME ONLY; NOT PERMANENT
STRINGS OF TERMS USED TOGETHER	**INTENDED DEFINITION**
* REMOVE/RELOCATE	TO TAKE (SOMETHING) AWAY OR OFF FROM THE POSITION IT CURRENTLY OCCUPIES AND TO MOVE (THE SAME SOMETHING) TO A DIFFERENT LOCATION.
REMOVE/REPLACE	TO TAKE (SOMETHING) AWAY OR OFF FROM THE POSITION IT CURRENTLY OCCUPIES AND TO PROVIDE A SUBSTITUION OR EQUIVALENT (SOMETHING) IN PLACE OF ORIGINAL.
** TEMPORARILY RELOCATE/REMOVE/ABANDON	MOVE (SOMETHING) TO A DIFFERENT LOCATION FOR A LIMITED TIME ONLY AND THEN EITHER REMOVE OR ABANDON (THE SAME SOMETHING).

* TEMPORARY STORAGE OF (SOMETHING) REMOVED WILL BE NECESSARY EITHER ON OR OFF SITE DURING CONSTRUCTION.
** ABANDONMENT REQUIREMENTS WITH ALL REGULATORY AGENTS' SPECIFICATIONS APPLY TO ALL UTILITIES.

SUMMARY OF PAY ITEMS

PHASE II Summary of Pay Items

GENERAL SHEETS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH | DESIGNED BY: GPH | CHECKED BY: GPH | REG. FLA. ENG. NO. 43970
DATE: MAY 2023 | PROJECT MANAGER: CHRIS A. CURB | DISTRICT: 2
FIELDBOOK / PAGES: TC30 / 1-35 | SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W

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No.	DESCRIPTION	UNIT	QUANTITY
81	18" DEPTH RIP-RAP WITH FILTER FABRIC AND BEDDING STONE	SY	315
82	SANITARY SEWER MANHOLE (2' - 6' DEPTH)	EA	18
83	SANITARY SEWER MANHOLE (6' - 10' DEPTH)	EA	26
84	SANITARY SEWER MANHOLE (10' - 14' DEPTH)	EA	17
85	SANITARY MANHOLE COATING PER ECUA SPECIFICATION	LF	72
86	SANITARY SEWER DROP MANHOLE CONNECTION PER ECUA SPECIFICATION	EA	6
87	ADJUST EXISTING SANITARY SEWER MANHOLE TOP TO NEW GRADE	EA	2
88	SANITARY SEWER TIE TO EXISTING MANHOLE	EA	3
89	EXISTING LIFT STATION ABANDONMENT - COMPLETE PER ECUA STANDARDS	LS	1
90	ADJUST EXISTING WATER VALVE BOX TO GRADE (INCLUDES CONCRETE COLLAR/RING & BOX)	EA	35
91	ADJUST EXISTING WATER METER & BOX TO GRADE	EA	264
92	ADJUST EXISTING GAS VALVE BOX TO GRADE (INCLUDES CONCRETE COLLAR/RING & BOX)	EA	42
93	ADJUST FIRE HYDRANT TO FINISH GRADE	EA	15
94	12" STABILIZED SUBGRADE	SY	60,609
95	COUNTY TYPE B CURB	LF	34,727
96	6" GRADED AGGREGATE BASE (GAB)	SY	60,609
97	1.5" COUNTY SPEC 2500, TYPE 12.5 ASPHALTIC CONCRETE	SY	51,247
98	2" FDOT PERMIT SPEC, TYPE 12.5 ASPHALTIC CONCRETE (Fairfield and Gulf Beach Highway)	SY	1,628
99	4" THICK CONCRETE DRIVEWAY	SY	14,403
100	6' CONCRETE SIDEWALK	LF	40
101	5' CONCRETE SIDEWALK	LF	3,567
102	CONSTRUCT CURB RAMP	EA	19
103	DETECTABLE HANDICAP WARNING MAT (INCLUDES REPLACEMENT ON GULF BEACH HWY. ONLY)	SF	300
104	TEMPORARY PAINT - 6" SOLID STRIPE, WHITE OR YELLOW (MATCH EXISTING)	LF	4,519
105	TEMPORARY PAINT - 6" SKIP STRIPE, WHITE OR YELLOW (MATCH EXISTING)	LF	1,630
106	TEMPORARY PAINT - WHITE PEDESTRIAN CROSSWALK (MEASURED BY EACH 12" STRIPE (MATCH EXISTING))	LF	516
107	TEMPORARY PAINT- STOP BAR (MATCH EXISTING)	LF	545
108	THERMOPLASTIC 6" SOLID STRIPE, WHITE OR YELLOW	LF	4,869
109	THERMOPLASTIC 6" SKIP STRIPE, WHITE OR YELLOW	LF	1,650
110	THERMOPLASTIC WHITE PEDESTRIAN CROSSWALK (MEASURED BY EACH 12" STRIPE)	LF	520
111	THERMOPLASTIC STOP BAR	LF	556
112	RAISED PAVEMENT MARKERS: YELLOW, WHITE, BLUE, RED (PER FDOT INDEX 706-001)	EA	48
113	RELOCATE EXISTING POWER POLE/LIGHTPOLE/GUY WIRE	EA	1
114	RELOCATE TRAFFIC SIGNS	EA	94
115	RELOCATE EXISTING MAIL KIOSK (APARTMENT/COMMUNITY MAILBOX)	EA	5
116	RELOCATE CROSS TIES AND 1.5' WHITE PLASTIC FENCE (RELOCATE TO R/W LINE)	LF	50
117	RELOCATE EXISTING 4' CHAIN LINK FENCE	LF	204
118	RELOCATE EXISTING 5' CHAIN LINK FENCE	LF	70
119	RELOCATE EXISTING 6' WOOD FENCE	LF	82
120	RELOCATE EXISTING 3'/4' WOOD FENCE (WOOD RAIL, WOOD STOCK & WOOD PICKET FENCES)	LF	317
121	STOP SIGN, R1-1 (NEW)	EA	9
122	STREET NAME SIGN AND POST (NEW)	EA	5
123	RIGHT TURN SIGN AND POST, W1-1R (NEW)	EA	1
124	LEFT TURN SIGN AND POST, W1-1L (NEW)	EA	2
125	DUAL MOUNT RIGHT AND LEFT CHEVRON ALIGNMENT SIGNS AND POST, W1-8R & W1-8L (NEW)	EA	6
126	END OF ROAD MARKERS	EA	12
127	4" PVC SANITARY SEWER LATERAL, CLEANOUT, AND STUB OUT WITH CAP - VERIFY LOCATIONS	EA	370
128	6" PVC SANITARY SEWER LATERAL, CLEANOUT, AND STUB OUT WITH CAP - VERIFY LOCATIONS	EA	10
129	SUPPLY & INSTALL NEW MAILBOX (SEE NEW MAILBOX SPECS ON DETAIL SHEET 8.01.1)	EA	330
130	CENTIPEDE SODDING	SY	98,600
131	BAHIA SODDING, WEST POND AND POND 8 (NON-PLANTED AREAS)	SY	9,300
132	LITTORAL PLANTINGS	SF	17,677

No.	DESCRIPTION	UNIT	QUANTITY
133	MISCELLANEOUS CONCRETE (INCLUDES BUS STOP PADS)	CY	20
134	EXISTING RESIDENTIAL SANITARY SEWER CUSTOMER TIE-IN TO NEW SEWER SYSTEM	EA	15
135	CONCRETE FLUME/WEIR AT POND 7	SY	162
136	VIDEO PIPE INSPECTION OF STORMWATER SYSTEM, COUNTY SPECIFICATION 2600 - 3.10	LF	16,280

ADDITIVE BID ALTERNATE #1			
No.	DESCRIPTION	UNIT	QUANTITY
137	6" UNDERDRAIN CLEANOUT (WEST POND)	EA	6
138	6" HDPE SIDE-BANK FILTER DRAIN WITH BIO-ADSORPTION MEDIA, COMPLETE	LF	1,090
139	STORMWATER TREATMENT SYSTEM, BAM UPFLOW UNIT, COMPLETE WITH INLET/OUTLET PIPING AND DISCHARGE STRUCTURE	LS	1

ADDITIVE BID ALTERNATE #2			
No.	DESCRIPTION	UNIT	QUANTITY
140	6" ROADWAY UNDERDRAIN SYSTEM	LF	26,360

PAYMENT ITEM NOTES CONTINUED:

16. PAY ITEM 89 SHALL INCLUDE ANY BYPASS PUMPING, IF NEEDED. AS A MINIMUM, THE TOP SECTION OF THE STATION SHALL BE REMOVED TO A MINIMUM OF 4' BELOW EXISTING GRADE; BOTTOM OF STATION SHALL BE RUPTURED, AND STATION FILLED WITH COMPACTED SOILS. AS AN ALTERNATE, STATION MAY BE FULLY REMOVED. VALVE BOX SHALL BE FULLY REMOVED. ALL PUMPS AND PANELS/EQUIPMENT SHALL BE REMOVED AND THE LIKE SHALL BE RETURNED TO ECUA AT A LOCATION DETERMINED BY ECUA. CONTRACTOR SHALL COORDINATE WITH POWER COMPANY FOR DISCONTINUANCE OF POWER SERVICE.
17. PAY ITEM 95 DOES *NOT* INCLUDE THE LENGTH IN FRONT OF DRIVEWAY SECTIONS AND/OR THE CURB INLET SECTIONS.
18. PAY ITEM 99 SHALL INCLUDE THE AREA OF CONCRETE FROM THE RIGHT OF WAY LINE (END OF DRIVEWAY) TO THE EDGE OF ASPHALT (ROADWAY). CONSTRUCTION OF DRIVEWAYS SHALL INCLUDE THE LATEST DETAILS AND SPECIFICATIONS AS PROVIDED BY ESCAMBIA COUNTY. EARTHWORK AND BASE SHALL BE INCLUDED IN THIS PAY ITEM.
19. PAY ITEMS 104 THRU 107 SHALL CONSIST OF TEMPORARY ASPHALT PAINT TO MATCH EXISTING CONDITIONS. THERMOPLASTIC FINAL SHALL BE APPLIED AS DETAILED IN THE PLANS FOLLOWING 30 DAYS AFTER FINAL ASPHALT PLACEMENT.
20. PAY ITEM 115 SHALL BE COORDINATED IN FIELD BETWEEN CONTRACTOR AND POSTMASTER. A TEMPORARY KIOSK PLACEMENT MAY BE NECESSARY.
21. PAY ITEMS 127 AND 128, SEWER LATERALS, SHALL INCLUDE COORDINATION WITH ECUA, COUNTY CEI AND PROPERTY OWNER OF FINAL LATERAL LOCATIONS; THE LOCATIONS SHOWN ON THE PLANS ARE PROVIDED WITH BEST AVAILABLE INFORMATION AT DESIGN AND ARE SUBJECT TO CHANGE BASED ON CURRENT FIELD CONDITIONS. IT IS IDEAL TO HAVE 3'-5' SEPARATION BETWEEN ALL LATERAL PLACEMENTS AND DRIVEWAYS AND STORMWATER STRUCTURES.
22. NOTE THAT ONLY MINOR PAY ITEMS EXIST FOR ADJUSTMENT OF UTILITIES. THE UTILITY COMPANIES ARE RESPONSIBLE FOR UTILITY RELOCATIONS IN COOPERATION WITH THE CONTRACTOR; CONTRACTOR WILL MAKE ALL EFFORTS TO COORDINATE WITH THE INDIVIDUAL UTILITY COMPANIES FOR RELOCATIONS TO SATISFY THEIR CONSTRUCTION SCHEDULE.
23. PAY ITEM 130; ALL DISTURBED AREAS WITHIN THE RIGHT-OF WAYS THROUGHOUT BEACH HAVEN SUBDIVISION SHALL BE SODDED.
24. PAY ITEM 131 INCLUDES THE AREA TO BE SODDED THAT IS AROUND THE RETENTION PONDS BEYOND THE LITTORAL PLANTING ZONES AND ANY OF THESE AREAS EXISTING THAT ARE SUBSEQUENTLY DISTURBED DURING CONSTRUCTION.
25. PAY ITEM 134 INCLUDES AN EXISTING SEWER CUSTOMER WITH GRINDER PUMP. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER AND ECUA INSPECTOR FOR TIE IN BY GRAVITY SEWER LATERAL FROM NEW LATERAL STUBOUT (SEPERATE PAY ITEM). PIPING SHALL INCLUDE PRIVATE PROPERTY ACCESS AND CONSTRUCTION TO THE PRIVATE GRAVITY EXITING THE HOUSE. COORDINATE SIGN-OFF FROM THE RESIDENT, ECUA AND ON-SITE CONTRACTOR.
26. PAY ITEMS 135, 137, 138 AND 139 SHALL BE CONSTRUCTED WITHIN THE FIRST 60 DAYS OF CONSTRUCTION. THESE ARE UNDER STRICT GRANT MONITORING REQUIREMENTS AND MUST BE OPERATIONAL AS SOON AS POSSIBLE.
27. PAY ITEM 140 INCLUDES THE 6" PERFORATED UNDERDRAIN PIPE, # 57 STONE (DRAINAGE GRAVEL), GEOTEXTILE FABRIC, AND TIE-INS TO INLETS. SEE DETAIL ON SHEET 8.01.1.

SUMMARY OF PAY ITEMS

PHASE II Summary of Pay Items

GENERAL SHEETS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

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DESIGNED BY: GPH
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REG. FLA. ENG. NO. 43970
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PROJECT MANAGER: CHRIS A. GUIDRY
DISTRICT: 2
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1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

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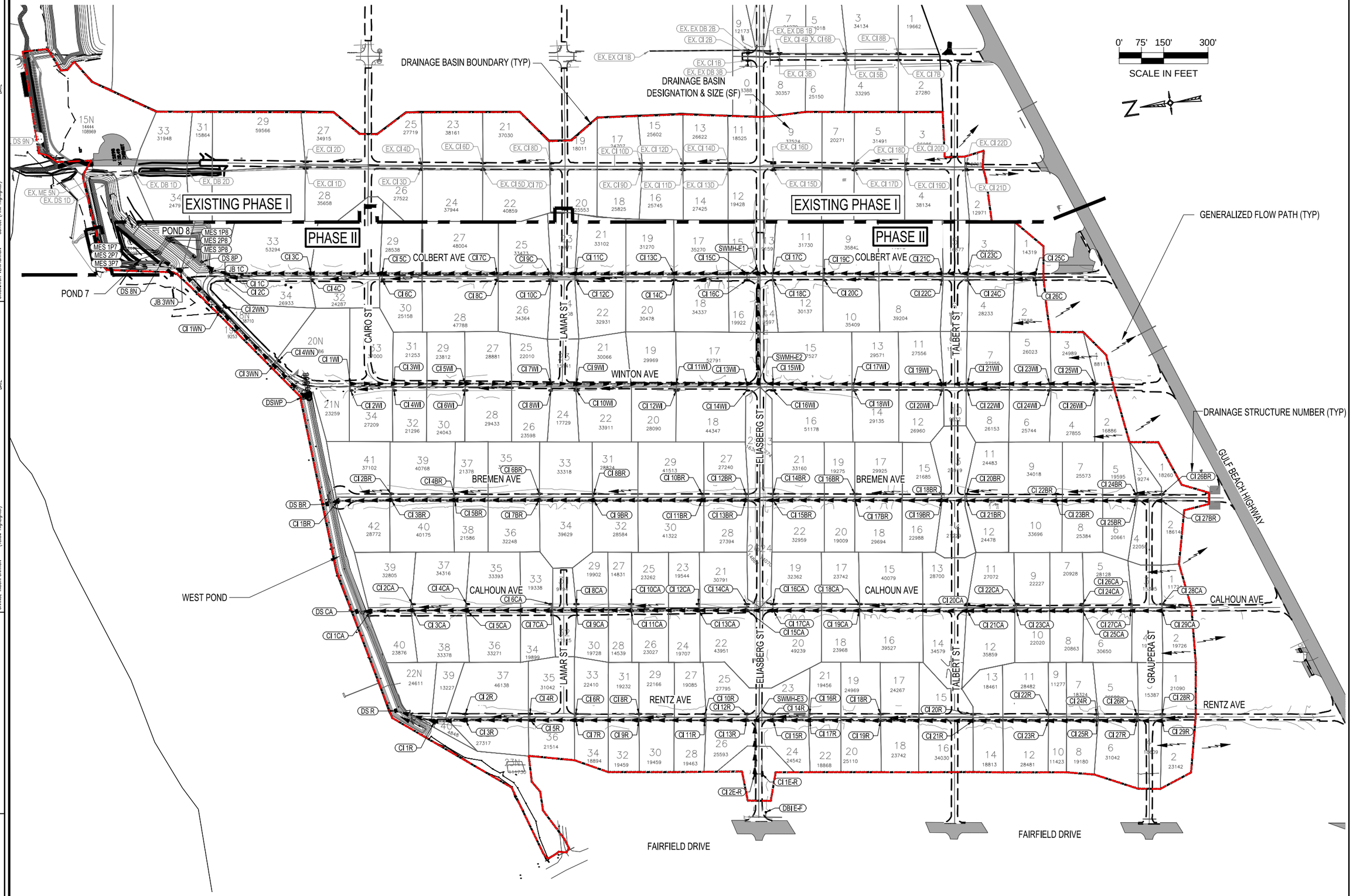
CHANGE INCORPORATION (Yellow Highlighter)

VERIFICATION, CHECKER (GR) (Blue Highlighter) DATE
REMARK INCORPORATION (Blue Highlighter) DATE
ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE



OVERALL PHASE II BASIN AREA = ±6,428,950 SF OR ±148 ACRES

DRAINAGE MAP - WEST

PHASE II

GENERAL SHEETS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

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			CHANGE INCORPORATION	(Yellow Highlighter)

VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE
REMARK INCORPORATION	(Blue Highlighter)	DATE
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

GENERAL NOTES:

1. THE CONTRACTORS SHALL NOTIFY THE COUNTY DESIGN ENGINEER AND ECUA ENGINEER OR DESIGNEE 48 HOURS PRIOR TO CONSTRUCTION.

2. ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE ESCAMBIA COUNTY ENGINEER SHALL BE COMPLIED WITHIN EVERY DETAIL.

3. ALL ROADS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE PATCHED OR RECONSTRUCTED AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.

4. THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PREVENT EROSION AND ANY OFF SITE SEDIMENT TRANSPORT RESULTING FROM INCREASED RUNOFF DURING CONSTRUCTION BY PROVIDING SILT FENCE AND/OR STAKED HAY BALES AS REQUIRED BY FDOT INDEX 102, THE FLORIDA STORMWATER, EROSION, AND SEDIMENT CONTROL INSPECTOR'S MANUAL, 2000 EDITION, OR AS INDICATED ON THE PLANS. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED AS TO REDUCE SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR DESIGNEE.

5. ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ESCAMBIA COUNTY OR ITS DESIGNEE WILL ASSIST CONTRACTOR WITH REQUIRED PERMITS.

6. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.

7. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRESERVE OR RELOCATE ALL BENCHMARKS (VERTICAL CONTROL) AS NEEDED DURING CONSTRUCTION. ALL PUBLIC OR PRIVATE CORNER MONUMENTATION SHALL BE PROTECTED. IF A PUBLIC OR PRIVATE CORNER MONUMENTATION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR DESIGNEE IMMEDIATELY. ANY ESCAMBIA COUNTY HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS ARE DISTURBED OR DESTROYED THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF THE MONUMENTS AND HAVE THE MONUMENTS POSITION DETERMINED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER USING GUIDELINES AS ESTABLISHED BY NATIONAL GEODETIC SURVEY FOR BLUE BOOKING AND APPROVAL.

8. EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.

9. THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.

10 EXISTING STREETS AND DRIVES SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.

11. ALL COUNTY ROADWAY CONSTRUCTION SHALL COMPLY WITH THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION. ALL FDOT ROADWAY RECONSTRUCTIUON SHALL FOLLOW THE CURRENT PERMIT FOR GULF BEACH HWY. AND FAIRFIELD DRIVE.

12. ALL MATERIALS, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION AND FDOT SPECIFICATIONS.

13. ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERRED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.

14. EXISTING STREET AND ROAD NAME SIGNS ON THE PROJECT SHALL BE KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLES. ALL OTHER EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE TAKEN DOWN AND STOCKPILED WITHIN THE R/W LIMITS BY THE CONTRACTOR AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE. ANY EXISTING SIGNS THAT ARE TO BE RELOCATED AND ARE DAMAGED BEYOND USE BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

15. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE 10' OPEN LANE AT ALL TIMES. NO OPEN EXCAVATION SHALL REMAIN OVER NIGHT. CONTRACTOR SHALL RESTORE ROAD TO TWO LANES OF TRAFFIC AT THE END OF EACH WORK DAY.

16. CONTRACTOR SHALL COMPLY WITH ALL F.D.E.P., ARMY CORP. OF ENGINEERS, STATE AND COUNTY REQUIREMENTS.

17. ONLY ACCESS TO THE ROAD R/W AS SHOWN IS GUARANTEED BY THE COUNTY. PRIVATE R/W REQUIRED BY THE CONTRACTOR TO FACILITATE CONSTRUCTION SHALL BE ACQUIRED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION OR ASSISTANCE FROM THE COUNTY.

18. IN THE EVENT THAT SURVEY MONUMENTATION OR REFERENCE POINTS ARE MISSING OR HAVE BEEN DESTROYED, PLEASE CONTACT:

JOSEPH BARRETT, PLS	SURVEYOR NAME
ESCAMBIA COUNTY SURVEYOR	COMPANY NAME
3363 WEST PARK PLACE	ADDRESS
PENSACOLA, FLORIDA 32505 PH (850) 595-3427	CITY, STATE, ZIP, PHONE

19. VEGETATION ON R/W AND EASEMENTS SHALL BE RESTORED TO ORIGINAL CONDITION UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. COST OF SAID RESTORATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.

20. GRADED AGGREGATE BASE SHALL BE REQUIRED WHERE THE SEASONAL HIGH GROUND WATER ENCROACHES WITHIN TWO (2) FEET OF THE BOTTOM OF BASE.

21. ALL TREES WITHIN LIMITS OF CONSTRUCTION SHALL BE REMOVED UNLESS OTHERWISE NOTED IN PLANS.

22. ALL COMPACTED FILL SHALL BE PLACED IN 4" LIFTS FOR HAND POWERED TAMPERS AND 8" LIFTS FOR HEAVY EQUIPMENT OPERATED TAMPERS.

23. MAINTENANCE OF TRAFFIC AS PER FDOT INDEX 600 AND THE CURRENT FDOT PERMIT.

24. ALL SPEED BUMPS THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED TO THE LATEST ESCAMBIA COUNTY DESIGN SPECIFICATIONS. ALL COSTS FOR REPLACEMENT OF SAID SPEED BUMPS SHALL BE INCIDENTAL TO OTHER ITEMS AND NO ADDITIONAL COMPENSATION SHALL BE CONSIDERED.

25. ALL EXISTING MAILBOXES INTERFERING WITH NEW CONSTRUCTION SHALL BE RELOCATED OR REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH POSTAL REQUIREMENTS AND IN ACCORDANCE WITH ESCAMBIA COUNTY TECHNICAL SPECIFICATION, FDOT DESIGN STANDARDS AND UNITED POSTAL REQUIREMENTS. ALL EXISTING BRICK MAILBOXES WITHIN LIMITS OF CONSTRUCTION OR COUNTY RIGHT OF WAY SHALL BE REMOVED AND PLACED ON THE PROPERTY LINE OF THE OWNER. CONTRACTOR SHALL REPLACE EXISTING BRICK MAILBOX WITH APPROVED PLASTIC BREAK AWAY MAILBOX. CONFIRM FINAL INDIVIDUAL MAIL BOX DECISION WITH COUNTY.

26. THE CONTRACTOR SHALL, AT A MINIMUM, MATCH EXISTING SIGNING AND PAVEMENT MARKINGS. ALL SIGNING AND PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE LATEST FDOT DESIGN STANDARDS. THE CONTRACTOR SHALL CONTACT THE COUNTY TRAFFIC DEPARTMENT PRIOR TO INSTALLATION OF ANY SIGNING AND PAVEMENT MARKINGS.

27. WHERE UNSUITABLE MATERIAL, AS DEFINED BY THE COUNTY SPECIFICATIONS SECTION 02300, 1.3(I), IS ENCOUNTERED IN THE AREAS PROPOSED FOR PAVING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COUNTY ENGINEER OR DESIGNEE PRIOR TO ANY FURTHER EXCAVATION.

28. PIPE LENGTHS SHOWN IN THE PLANS DO NOT INCLUDE THE LENGTH OF PIPE THAT MUST BE INSTALLED WITH THE MITERED END SECTION. THEREFORE, ALL PIPES LENGTHS ASSOCIATED WITH MITERED END SECTIONS SHALL BE PAID FOR IN THE UNIT COST OF THE MITERED END SECTION.

29. IF ARCHAEOLOGICAL MATERIAL/PREHISTORIC ARTIFACTS SUCH AS POTTERY OR CERAMICS, STONE TOOLS OR METAL IMPLEMENTS, OR ANY OTHER PHYSICAL REMAINS THAT COULD BE ASSOCIATED WITH NATIVE AMERICAN CULTURES, OR EARLY COLONIAL OR AMERICAN SETTLEMENT ARE ENCOUNTERED AT ANY TIME, THE PROJECT SHOULD CEASE ALL ACTIVITIES INVOLVING SUBSURFACE DISTURBANCE IN THE IMMEDIATE VICINITY OF SUCH DISCOVERIES. THE APPLICANT/RECIPIENT, OR OTHER DESIGNEE, SHOULD CONTACT THE FLORIDA DEPARTMENT OF STATE, DIVISION OF HISTORICAL RESOURCES, THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AND THE DSH/FEMA REGION IV ENVIRONMENTAL OFFICER AND FDEM STATE ENVIRONMENTAL LIAISON OFFICER FOR FURTHER GUIDANCE. PROJECT ACTIVITIES SHOULD NOT RESUME WITHOUT VERBAL AND/OR WRITTEN AUTHORIZATION FROM THE DIVISION OF HISTORICAL RESOURCES.

30. IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK MUST STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH F.S. 872.05..

31. PRIOR WRITTEN APPROVAL SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO PERFORMING ANY ADDITIONAL WORK BEYOND THE SCOPE UNDER CONTRACT.

Know what's below.
Call before you dig.

UTILITY NOTES:

1. THE LOCATION SHOWN FOR EXISTING UNDERGROUND UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR AGREES TO BE COMPLETELY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES.

2. UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION SO THAT THE UTILITY OWNER CAN SPOT VERIFY AND/OR EXPOSE THEIR UTILITIES. KNOWN UTILITIES OWNERS INCLUDE:

SEWER - EMERALD COAST UTILITY AUTHORITY
MR. KEITH FELL
P.O. BOX 15311
PENSACOLA, FL. 32514 PH: (850) 969-3310

NATURAL GAS - PENSACOLA ENERGY
DIANE MOORE
1625 ATWOOD DRIVE
PENSACOLA, FL. 32514 PH: (850) 324-8004

TELEPHONE - AT&T FLORIDA
TOM MANNING
6689 EAST MAGNOLIA STREET
MILTON, FL. 32570 PH: (850) 623-3521

TRAFFIC DEPARTMENT - ESCAMBIA COUNTY PUBLIC WORKS
MRS. JOHNNY COX
3363 WEST PARK PLACE
PENSACOLA, FL. 32505 PH: (850) 595-3404

ELECTRIC - NEXTERA ENERGY
MR. CHAD SWAILS
5120 DOGWOOD DRIVE
MILTON, FL. 32570 PH: (850) 429-2446

CABLE - COX CABLE
MR. TROY YOUNG
2421 EXECUTIVE PLAZA
PENSACOLA, FL. 32504 PH: (850) 857-4564

SUNSHINE STATE ONE-CALL
7200 LAKE ELLENOR DRIVE, SUITE 200
ORLANDO, FL. 32809 PH: (800) 432-4770

WATER - PEOPLES WATER SERVICE CO.
DAN MIDDLEBROOK
905 LOWNDE AVE.
PENSACOLA, FL. 32507 PH: (850) 207-6609

3. AT&T FLORIDA WILL COMPLETE ALL WORK DURING THE HOURS OF 7:30 AM - 4:30 PM, MONDAY THRU FRIDAY. NO NIGHT OR WEEKEND WORK.

4. ALL CABLE DAMAGE MUST BE REPORTED TO THE ATT FLORIDA REPAIR SERVICE DEPARTMENT AT 611 FROM A LAND LINE OR 877-737-2478 IF USING A CELL PHONE.

5. ALL LOOP DETECTOR INSTALLATION SHALL BE DONE AS PER FDOT INDEX 17781.

6. CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.

7. UTILITIES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION. NECESSARY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS AND SHALL BE TO THE SATISFACTION OF UTILITY OWNERS.

8. ALL SANITARY SEWER WORK SHALL MEET ECUA CURRENT ENGINEERING MANUAL STANDARDS AND DETAILS.

9. EXISTING LATERALS TO BE TIED INTO THE NEW SYSTEM SHALL BE CONSTRUCTED BY A CONTRACTOR WHO HAS A LICENSE TO WORK ON PRIVATE PROPERTY.

10. THE ECUA INSPECTOR SHALL HAVE THE AUTHORITY TO CHANGE/REVISE/ADD LATERALS WITHIN THE PROJECT LIMITS AS FIELD CONDITIONS DICTATE. DOCUMENT EACH CHANGE BETWEEN UTILITY, CONTRACTOR AND COUNTY CEI.

SURVEYOR INFORMATION:

McKIM & CREED
ENGINEERS - SURVEYORS - PLANNERS

CERTIFICATE OF AUTHORIZATION NO. 29588
SURVEYING LICENSE NO. LB7917

WWW.MCKIMCREED.COM

PROFESSIONAL LAND SURVEYOR
STEPHEN GARY RUTAN
LICENSE NO. 4208

1206 NORTH PALAFOX STREET
PENSACOLA, FLORIDA 32501

E: GRUTAN@MCKIMCREED.COM
O: (850) 994-9503

ABBREVIATIONS AND SYMBOLS:

CP	CABLE PEDESTAL	BSL	BUILDING SETBACK LINE
	SEWER STUBOUT	CMP	CORRAGATED METAL PIPE
	CLEANOUT PIPE	CPP	CORRAGATED PLASTIC PIPE
	WATER METER	D/W	DRIVEWAY
	FIRE HYDRANT	ELEV.	ELEVATION
	TELEPHONE PEDESTAL	HDPE	HIGH DENSITY POLYETHYLENE
	MAILBOX	INV.	INVERT
	TELEPHONE POLE	MB	MAILBOX
	GUY WIRE	MPH	MILES PER HOUR
GV	GAS VALVE	M.E.S.	MITERED-END SECTION
GV	GAS VENT	PGS	PAGES
	WATER VALVE	PB	PLAT BOOK
	POST (MATERIALS VARY)	RCP	REINFORCED CONCRETE PIPE
	TELEPHONE PEDESTAL	TMB	TEMPORARY BENCHMARK
	ANTENNTA	TYP	TYPICAL
BT	BURIED TELEPHONE	WV	WATER VALVE
S	STORM SEWER LINE		OAK TREE
SS	SANITARY SEWER LINE		
R/W	RIGHT OF WAY LINE		PECAN TREE
OE	OVERHEAD POWER LINE		
G	BURIED NATURAL GAS LINE		SYCAMORE TREE
W	BURIED WATER LINE		
FM	FORCE MAIN (SIZE VARIES)		ELM TREE

CREPE MYRTLE
POPCORN TREE
PINE TREE
MAGNOLIA TREE
PALM TREE
CHINA BERRY TREE
PEAR TREE
AZALEA BUSH
TALLOW TREE
TREE LINE
METAL
CONCRETE
GRAVEL / RIP RAP
ASPHALT TO REMAIN

GENERAL NOTES
NOTES AND INFORMATION
GENERAL SHEETS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DESIGNED BY: GPH | CHECKED BY: GPH | REG. FLA. ENG. NO. 43970 | DATE:
DRAWN BY: GPH/TAH | PROJECT MANAGER: CHRIS A. CURB | DISTRICT: 2 | SIGNATURE:
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CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE	
CHANGE INCORPORATION	(Yellow HighLighter)	DATE	

BENCHMARKS:

BM 30-1A: RAILROAD SPIKE IN POWER POLE AT THE NORTHWEST CORNER OF GULF BEACH HIGHWAY AND MILLS AVE. ELEVATION = 22.75

BM 30-1B1: NORTHEAST BONNET BOLT ON FIRE HYDRANT AT THE SOUTHWEST CORNER OF LAMAR ST. AND MILLS AVE. ELEVATION = 23.99

BM 30-1B2: 60d NAIL IN POWER POLE ON WEST SIDE OF MILLS BETWEEN LAMAR ST. AND CAIROST. ELEVATION = 22.46

BM 30-1C: RAILROAD SPIKE IN POWER POLE AT THE SOUTHWEST CORNER OF MILLS AVE AND CAIRO ST. ELEVATION = 23.23

BM 30-2A: NORTHWEST BONNET BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF PAULDING AVE. AND CAIRO ST. ELEVATION = 25.29

BM 30-2D: 60d NAIL IN POWER POLE AT THE SOUTHEAST CORNER OF CAIRO ST. AND GORDON AVE. ELEVATION = 25.43

BM 30-2E: NORTHEAST BONNET BOLT ON FIRE HYDRANT AT THE SOUTHWEST CORNER OF LAMAR ST. AND GORDON AVE. ELEVATION = 26.46

BM 30-2F: X MARK ON HEADWALL AT THE NORTHWEST CORNER OF GORDON AVE. AND ELIASBERG ST. ELEVATION = 23.64

BM 30-4F: RAILROAD SPIKE IN POWER POLE AT THE NORTHWEST CORNER OF POLK AVE. AND ELIASBERG ST. ELEVATION = 24.98

BM 30-4G: NORTHWEST BONNET BOLT ON FIRE HYDRANT AT THE NORTHWEST CORNER OF PAULDING AVE. AND ELIASBERG ST. ELEVATION = 24.59

BM 30-4H: NORTH BONNET BOLT ON FIRE HYDRANT AT THE SOUTHWEST CORNER OF LAMAR ST. AND WAYNE AVE. ELEVATION = 25.14

BM 30-3E: RAILROAD SPIKE IN POWER POLE AT THE NORTHEAST CORNER OF GULF BEACH HIGHWAY AND WAYNE AVE. ELEVATION = 22.38

BM 30-6A: NORTHEAST BONNET BOLT ON FIRE HYDRANT 30' WEST OF THE CENTERLINE OF PAULDING AVE. AT THE NORTH END OF PARK. ELEVATION = 25.57

BM 30- 6B: NORTHWEST BONNET BOLT ON FIRE HYDRANT 30' WEST OF THE CENTERLINE OF WAYNE AVE. AT THE NORTH END OF PARK. ELEVATION = 27.08

BM 30-7A: RAILROAD SPIKE IN POWER POLE ON THE WEST SIDE OF CUL-DE-SAC AT THE END OF POLK AVE. ELEVATION = 24.13

BM 30-7B: NORTH BONNET BOLT ON FIRE HYDRANT 30' EAST OF CENTERLINE OF LOWNDE AVE AND 75' SOUTH OF CUL-DE-SAC. ELEVATION = 24.99

BM 30-8J: 60d NAIL IN POWER POLE 140' NORTH OF THE END OF PAVEMENT ON THE WEST SIDE OF MILLS AVE. ELEVATION = 19.98

BM 30-66A: NORTHEAST CORNER OF CATCH BASIN AT THE SOUTHWEST CORNER OF BARTOW AVE. AND ELIASBERG ST. ELEVATION = 23.13

BM 30-66B: NORTH BONNET BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF TALBERT ST. AND BARTOW AVE. ELEVATION = 25.84

BM 30-67A: NORTH BONNET BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF GULF BEACH HIGHWAY AND DECATUR AVE. ELEVATION = 25.20

BM 30-67B: NORTHWEST BONNET BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF TALBERT ST. AND DECATUR AVE. ELEVATION = 28.73

BM 30-67C: NORTH BONNET BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF ELIASBERG ST. AND DECATUR AVE. ELEVATION = 25.98

BM 30-68M: RAILROAD SPIKE IN POWER POLE AT THE SOUTHEAST CORNER OF LAMAR ST. AND DECATUR AVE. ELEVATION = 25.36

BM 30-68A: NORTHWEST BONNET BOLT ON FIRE HYDRANT AT THE SOUTHWEST CORNER OF CAIRO ST. AND DECATUR AVE. ELEVATION = 27.02

BM 30-68B: NORTHEAST BONNET BOLT ON FIRE HYDRANT AT THE SOUTHEAST CORNER OF CAIRO ST. AND BARTOW AVE. ELEVATION = 27.05

PHASE I BENCHMARKS

PHASE I BENCHMARKS

GENERAL SHEETS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. P.A. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CLER	DISTRICT: 2	SIGNATURE:
FIELD BOOK/PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2S / 31W		

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SURVEY NUMBER jhi-120016.S

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CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE	
CHANGE INCORPORATION	(Yellow HighLighter)	DATE	

BENCHMARKS:

BM 31-69A: NORTH BONNET BOLT ON FIRE HYDRANT AT THE SOUTHEAST CORNER OF CAIRO ST. AND COLBERT AVE. ELEVATION = 26.88

BM 31-70A: NORTHEAST BONNET BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF TALBERT ST. AND COLBERT AVE. ELEVATION = 27.09

BM 31-71B: NORTH BONNET BOLT ON FIRE HYDRANT AT THE SOUTHEAST CORNER OF CAIRO ST. AND WINTON AVE. ELEVATION = 26.20

BM 40-15A: NORTH BONNET BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF WINTON AVE. AND ELIASBERG ST. ELEVATION = 27.02

BM 40-53A: RAILROAD SPIKE IN POWER POLE AT THE NORTHWEST CORNER OF GULF BREEZE HIGHWAY AND BREMEN AVENUE. ELEVATION = 25.37

BM 40-53B: SOUTH BONNET BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF BREMEN AVENUE AND TALBERT STREET. ELEVATION = 27.42

BM 40-54A: RAILROAD SPIKE IN POWER POLE AT THE NORTHWEST CORNER OF BREMEN AVENUE AND ELIASBERG STREET. ELEVATION = 24.69

BM 40-54B: NORTH BONNET BOLT ON FIRE HYDRANT AT THE SOUTHEAST CORNER OF BREMEN AVENUE AND LAMAR STREET. ELEVATION = 26.33

BM 42-67A: 60d NAIL IN POWER POLE ON THE WEST SIDE OF RENTZ AVENUE, 285' SOUTH OF THE INTERSECTION OF ELIASBERG STREET AND RENTZ AVENUE.

ELEVATION = 27.53

BM 42-68A: RAILAOAD SPIKE IN POWER POLE ON THE EAST SIDE OF RENTZ AVENUE, 255' SOUTH OF THE INTERSECTION OF LAMAR STREET AND RENTZ AVENUE. ELEVATION = 26.62

BM 42-68B: NORTH BONNET BOLT ON FLUSHING HYDRANT AT THE END OF RENTZ AVENUE. ELEVATION = 26.24

BM 43-36-SS: FLORIDA DEPARTMENT OF TRANSPORTATION BENCHMARK 48-02-G01V. LOCATED AT THE NORTHEAST CORNER OF FAIRFIELD DRIVE AND GULF BEACH HIGHWAY. ELEVATION = 19.00

OVERALL BENCHMARKS

PHASE II OVERALL BENCHMARKS

GENERAL SHEETS

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

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CHECKED BY: GPH	REG. PLS. ENG. NO.: 43970
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DISTRICT: 2	DATE:
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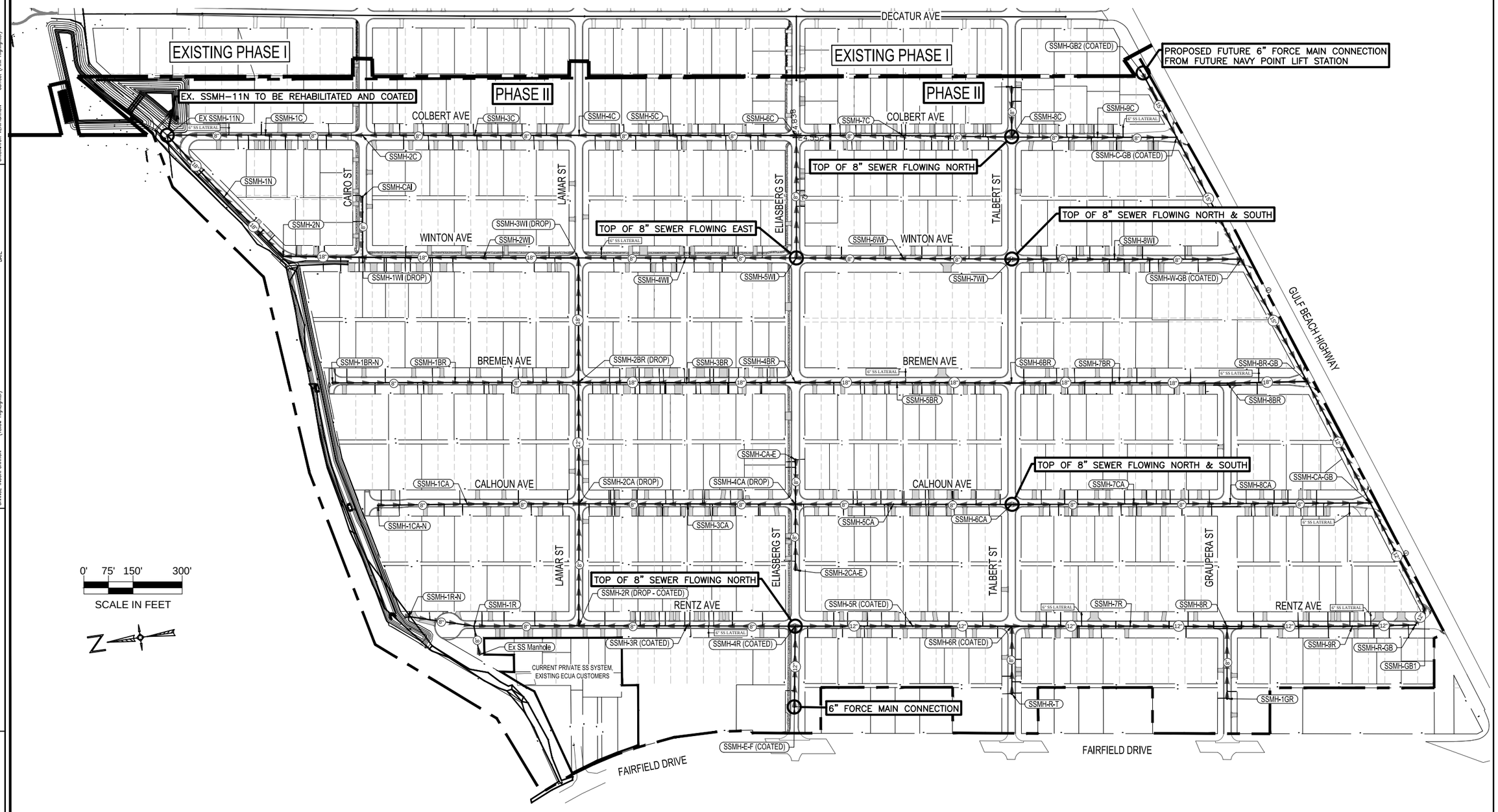

SS COLLECTION MAP

PHASE II SS COLLECTION MAP

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SHEET 0.14.3

UTILITY CONFLICT MATRIX

ROAD NAME	ITEM #	LOCATION	OFFSET FROM PROJECT CENTERLINE	COX COMMUNICATIONS (CABLE)	GULF POWER (ELECTRIC)	AT&T (TELEPHONE)	PENSACOLA ENERGY (GAS)	ECUA (SANITARY)	PEOPLE'S WATER SERVICE (WATER)	CONFLICT DESCRIPTION	PROPOSED CONFLICT RESOLUTION
				KNOWN OR POTENTIAL CONFLICT PRESENT WITH EACH UTILITY OWNER WHERE INDICATED							
COLBERT AVENUE	1	STA. 10+00.00	0					XX		4" FORCE MAIN TO BE CONSIDERED IN CONSTRUCTION SEQUENCE – TO BE TEMPORARILY RELOCATED AS NEEDED	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE FROM L.S. 195 THRU NORTH ST. R.O.W.
	2	STA. 11+62.56	0						XX	3" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	3	**STA. 12+15.79**	**0**				XX			**2" GAS POSSIBLE CONFLICT IF TOO SHALLOW**	**COORDINATE WITH PENSACOLA ENERGY**
	4	**STA. 16+22.52**	**0**				XX			**2" GAS POSSIBLE CONFLICT IF TOO SHALLOW**	**COORDINATE WITH PENSACOLA ENERGY**
	5	STA. 16+25.88	VARIES				XX		XX	2" GAS AND 6" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED, COORDINATE WITH PENSACOLA ENERGY
	6	**STA. 18+56.07**	**0**		XX					**POWER POLE CLOSE TO DRIVEWAY**	**COORDINATE WITH GULF POWER**
	7	STA. 22+81.21	VARIES				XX		XX	2" GAS AND 8" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED, COORDINATE WITH PENSACOLA ENERGY
	8	STA. 29+08.23	0						XX	2" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	9	STA. 29+39.35	0					XX		6" FORCE MAIN POSSIBLE CONFLICT IF TOO SHALLOW – CONSIDER IN CONSTRUCTION SEQUENCE	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE AND FM CAN BE ABANDONED/REMOVED
	10	**STA. 29+44.15**	**0**				XX			**4" GAS POSSIBLE CONFLICT IF TOO SHALLOW**	**COORDINATE WITH PENSACOLA ENERGY**
	11	STA. 35+61.21	VARIES				XX		XX	2" GAS AND 4"/6" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED, COORDINATE WITH PENSACOLA ENERGY
WINTON AVENUE	12	STA. 10+00.00	0					XX		4" FORCE MAIN TO BE CONSIDERED IN CONSTRUCTION SEQUENCE – TO BE TEMPORARILY RELOCATED AS NEEDED	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE FROM L.S. 195 THRU NORTH ST. R.O.W.
	13	STA. 10+00.00	0						XX	2" WATER IN ROADWAY	ADJUST WATER LINES AS NEEDED
	14	STA. 12+88.85	VARIES						XX	2" WATER POSSIBLE CONFLICT IF TOO SHALLOW, NORTH AND SOUTH	ADJUST WATER LINES AS NEEDED
	15	STA. 12+96.56	0						XX	WATER METER IN DRIVEWAY	RELOCATE WATER METER AS NEEDED
	16	STA. 19+51.45	0						XX	6" WATER POSSIBLE CONFLICT IF TOO SHALLOW – DEEP CUT FOR BOTH STORMWATER & SANITARY INSTALLATION	ADJUST WATER LINES AS NEEDED
	17	STA. 25+79.38	VARIES						XX	WATER UNDER ROADWAY WITH 3" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	18	STA. 26+09.73	0					XX		6" FORCE MAIN POSSIBLE CONFLICT IF TOO SHALLOW – CONSIDER IN CONSTRUCTION SEQUENCE	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE AND FM CAN BE ABANDONED/REMOVED
	19	**STA. 26+14.33**	**VARIES**				XX			**2" AND 4" GAS POSSIBLE CONFLICT IF TOO SHALLOW**	**COORDINATE WITH PENSACOLA ENERGY**
	20	STA. 32+29.02	0						XX	8" WATER POSSIBLE CONFLICT IF TOO SHALLOW – DEEP CUT FOR BOTH STORMWATER & SANITARY INSTALLATION	ADJUST WATER LINES AS NEEDED
	21	STA. 34+59.55	0						XX	WATER METER CLOSE TO DRIVEWAY	RELOCATE WATER METER AS NEEDED
	22	STA. 39+50.00	VARIES						XX	3" WATER POSSIBLE CONFLICT	ADJUST WATER LINES AS NEEDED
BREMEN AVENUE	23	STA. 9+75.00	VARIES					XX		4" FORCE MAIN TO BE CONSIDERED IN CONSTRUCTION SEQUENCE – TO BE TEMPORARILY RELOCATED AS NEEDED	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE FROM L.S. 195 THRU NORTH ST. R.O.W.
	24	**STA. 10+10.00**	**10.00' L**				XX			**2" GAS IN ROADWAY**	**COORDINATE WITH PENSACOLA ENERGY**
	25	STA. 17+91.93	0				XX		XX	2" GAS AND 6" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED, COORDINATE WITH PENSACOLA ENERGY
	26	STA. 24+18.96	0 & 16.6' L						XX	3" WATER POSSIBLE CONFLICT IF TOO SHALLOW/6" PVC WATER TO SOUTH (STA.30+71.25) TOO CLOSE TO CURB	ADJUST WATER LINES AS NEEDED
	27	STA. 24+48.63	0					XX		6" FORCE MAIN POSSIBLE CONFLICT IF TOO SHALLOW – CONSIDER IN CONSTRUCTION SEQUENCE	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE AND FM CAN BE ABANDONED/REMOVED
	28	**STA. 24+56.06**	**0**				XX			**4" GAS POSSIBLE CONFLICT IF TOO SHALLOW**	**COORDINATE WITH PENSACOLA ENERGY**
	29	STA. 30+71.25	VARIES						XX	8" WATER POSSIBLE CONFLICT IF TOO SHALLOW/6" PVC WATER TO EAST TOO CLOSE TO CURB	ADJUST WATER LINES AS NEEDED
	30	STA. 37+50						XX	XX	WATER AND SEWER CONFLICTS	ADJUST WATER AND SEWER LINES AS NEEDED
	31	STA. 39+87.76	6.40' R						XX	3" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
CALHOUN AVENUE	32	STA. 9+64.39	0					XX		4" FORCE MAIN TO BE CONSIDERED IN CONSTRUCTION SEQUENCE – TO BE TEMPORARILY RELOCATED AS NEEDED	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE FROM L.S. 195 THRU NORTH ST. R.O.W.
	33	**STA. 10+14.21**	**0**				XX			**GAS VALVE AND MAIN IN ROADWAY**	**COORDINATE WITH PENSACOLA ENERGY**
	34	STA. 16+45.45	0 & 31.5' L				XX		XX	GAS AND 6" WATER POSSIBLE CONFLICT IF TOO SHALLOW/3" WATER CROSSING LAMAR ST.	ADJUST WATER LINES AS NEEDED, COORDINATE WITH PENSACOLA ENERGY
	35	STA. 16+81.76	0 & 31.5' L				XX		XX	GAS AND 6" WATER POSSIBLE CONFLICT IF TOO SHALLOW/3" WATER CROSSING LAMAR ST.	ADJUST WATER LINES AS NEEDED, COORDINATE WITH PENSACOLA ENERGY
	36	STA. 18+30	VARIES						XX	2 WATER METERS IN DRIVEWAY	ADJUST WATER METERS AS NEEDED
	37	STA. 23+15.24	0 & 30.3' L				XX		XX	GAS AND 3" WATER POSSIBLE CONFLICT IF TO SHALLOW/3" WATER CROSSING ELIASBERG ST.	ADJUST WATER LINES AS NEEDED, COORDINATE WITH PENSACOLA ENERGY
	38	STA. 23+45.86	0					XX		6" FORCE MAIN POSSIBLE CONFLICT IF TOO SHALLOW – CONSIDER IN CONSTRUCTION SEQUENCE	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE AND FM CAN BE ABANDONED/REMOVED
	39	**STA. 23+51.81**	**0**				XX			**4" GAS POSSIBLE CONFLICT IF TOO SHALLOW**	**COORDINATE WITH PENSACOLA ENERGY**
	40	STA. 29+64.51	0 & 20.3' L				XX		XX	GAS AND 8" WATER POSSIBLE CONFLICT IF TOO SHALLOW/8" AC CROSSING TALBERT ST.	ADJUST WATER LINES AS NEEDED AND GAS
	41	STA. 30+75.29	36.35' R						XX	WATER METER IN DRIVEWAY	RELOCATE WATER METER AS NEEDED
	42	STA. 36+50.00	18.1' L						XX	8" PVC WATER CROSSING GRAUPERA ST. – IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	43	STA. 38+70	L / R						XX	2 WATER METERS IN DRIVEWAY	RELOCATE WATER METER AS NEEDED
	44	STA. 40+80.66	6.00' R						XX	3" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
RENTZ AVENUE	45	STA. 9+64.07	0					XX		4" FORCE MAIN TO BE CONSIDERED IN CONSTRUCTION SEQUENCE – TO BE TEMPORARILY RELOCATED AS NEEDED	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE FROM L.S. 195 THRU NORTH ST. R.O.W.
	46	STA. 10+50.00	20.00' L						XX	3" WATER CONFLICT WITH SANITARY/WILL LIKELY LOSE WATER SERVICES FOR LOTS 1, 2, 3, & 4 (STA.11+26.00)	REPLACE WATER LINES AS NEEDED
	47	**STA. 10+48.27**	**20.00' R**				XX			**2" GAS CONFLICT WITH STORM**	**COORDINATE WITH PENSACOLA ENERGY**
	48	STA. 10+63.50	38.00' R					XX		4" FORCE MAIN TO BE CONSIDERED IN CONSTRUCTION SEQUENCE – TO BE TEMPORARILY RELOCATED AS NEEDED	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE FROM L.S. 195 THRU NORTH ST. R.O.W.
	49	STA. 11+44.96	12.71' R					XX		SEVERAL 2" FORCE MAIN POSSIBLE CONFLICT – CONSIDER IN CONSTRUCTION SEQUENCE	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE AND FM CAN BE ABANDONED/REMOVED
	50	STA. 14+65.40	0						XX	6" WATER POSSIBLE CONFLICT IF TOO SHALLOW – DEEP CUT STORM AND SEWER	ADJUST WATER LINES AS NEEDED
	51	STA. 14+99.59	0 & 30.1' L						XX	6" WATER POSSIBLE CONFLICT IF TOO SHALLOW/3" WATER CROSSING LAMAR – IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	52	**STA. 15+10.66**	**0**				XX			**2" GAS POSSIBLE CONFLICT, VALVE CLUSTER**	**COORDINATE WITH PENSACOLA ENERGY**
	53	STA. 18+25.62	0					XX		2" FORCE MAIN POSSIBLE CONFLICT IF TOO SHALLOW – CONSIDER IN CONSTRUCTION SEQUENCE	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE AND FM CAN BE ABANDONED/REMOVED
	54	STA. 21+26.53	0 & 15.0' R						XX	3" WATER POSSIBLE CONFLICT IF TOO SHALLOW/3" CROSSING ELIASBERG ST. UNDER CURB – CONFLICT	REPLACEE 3" WATER 15.0' R FROM STA. 21+26 TO STA. 40+88 (TO GULF BEACH HWY.)
	55	STA. 21+62.33	0					XX		6" FORCE MAIN POSSIBLE CONFLICT IF TOO SHALLOW – CONSIDER IN CONSTRUCTION SEQUENCE	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE AND FM CAN BE ABANDONED/REMOVED
	56	**STA. 21+71.35**	**0**				XX			**4" GAS POSSIBLE CONFLICT IF TOO SHALLOW IN ROADWAY**	**COORDINATE WITH PENSACOLA ENERGY**
	57	STA. 21+75.00	15.0' R						XX	3" WATER CONFLICT	REPLACE 3" WATER 15.0' R FROM STA. 21+26 TO STA. 40+88 (TO GULF BEACH HWY.)
	58	STA. 27+85.25	0 & 21.2' L						XX	8" WATER POSSIBLE CONFLICT IF TOO SHALLOW/6" WATER CROSSING TALBERT – IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	59	**STA. 34+53.42**	**26.17' R**				XX			**2" GAS CONFLICT AND GAS VALVE CONFLICT WITH STORM**	**REPLACE 2" GAS 13.0' R FROM STA. 27+53.42 TO STA. 40+88 COORDINATE WITH PENSACOLA ENERGY**
	60	STA. 36+25.64	0						XX	2" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	61	STA. 40+88+00	15.0' R						XX	3" WATER CONFLICT	REPLACE 3" WATER 15.0' R FROM STA. 21+26 TO STA. 40+88 (TO GULF BEACH HWY.)
WINTON AVENUE	62	STA. 43+12.00	VARIES					XX		4" FORCE MAIN TO BE CONSIDERED IN CONSTRUCTION SEQUENCE – TO BE TEMPORARILY RELOCATED AS NEEDED	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE FROM L.S. 195 THRU NORTH ST. R.O.W.
	63	STA. 44+57.45	9.47' R						XX	2" WATER IN ROADWAY – CONFLICT	REPLACE TO SOUTH SIDE R.O.W ~ 2" WATER FROM STA. 42+90 TO STA. 47+20
CAIRO STREET	**64**	**STA. 40+46.68**	**0**				XX			**2" GAS POSSIBLE CONFLICT IF TOO SHALLOW**	**COORDINATE WITH PENSACOLA ENERGY**
	65	STA. 40+49.95	0						XX	6" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	66	STA. 43+56.06	0						XX	2" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
LAMAR STREET	67	STA. 39+78.70	0						XX	3" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	68	**STA. 40+46.85**	**0**				XX			**2" GAS POSSIBLE CONFLICT IF TOO SHALLOW**	**COORDINATE WITH PENSACOLA ENERGY**
	69	STA. 40+48.16	0						XX	6" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	70	STA. 43+64.18	0						XX	2" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	71	**STA. 47+47.77**	**0**				XX			**2" GAS POSSIBLE CONFLICT IF TOO SHALLOW**	**COORDINATE WITH PENSACOLA ENERGY**
	72	STA. 50+10++	VARIES						XX	2 WATER METERS IN DRIVEWAY	ADJUST WATER METERS AS NEEDED
	73	STA. 51+02.06	11.80' L						XX	3" WATER IN ROADWAY POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	74	**STA. 51+62.52**	**0**				XX			**2" GAS POSSIBLE CONFLICT IF TOO SHALLOW**	**COORDINATE WITH PENSACOLA ENERGY**
	75	STA. 52+30	**12' L**		XX					POSSIBLE UTILITY POLE TO CLOSE TO ROADWAY	**COORDINATE WITH UTILITY POLE OWNER**
	76	STA. 54+74.50	0						XX	3" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED

UTILITIES

UTILITY CONFLICT MATRIX

GENERAL SHEETS

ESCAMBIA COUNTY FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

REG. FLA. ENG. NO.: 43970
SIGNATURE:
DATE:
DRAWN BY: GPH/TAH
DESIGNED BY: GPH
CHECKED BY: GPH
DATE: MAY 2023
PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 2
FIELDBOOK / PAGES: TC20 / 1-35
SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W

NUMBER | REVISIONS | DATE | APPROVED BY

DRAWING NUMBER 0.15
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.15.3

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.15 Utility Conflict Matrix.dwg, May 25, 2023 - 9:37:00AM, gpotter

PHASE____ REVIEW
SIGNATURE:

ORIGINATOR (RP) DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)
ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen) DATE
CHECKER (RP) (Red Pen X-Out to Disagree or Remark) DATE
CHANGE INCORPORATION (Yellow Highlighter) DATE
VERIFICATION, CHECKER (QR) (Blue Highlighter) DATE
REMARK INCORPORATION (Blue Highlighter) DATE
ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE

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PHASE____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (OR)	Correct (Green Highlighter) Change (Red Pen)
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
			CHANGE INCORPORATION	(Yellow High-Lighter)

VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
REMARK INCORPORATION	(Blue Highlighter)	DATE
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

UTILITY CONFLICT MATRIX

ROAD NAME	ITEM #	LOCATION	OFFSET FROM PROJECT CENTERLINE	KNOWN OR POTENTIAL CONFLICT PRESENT WITH EACH UTILITY OWNER WHERE INDICATED						CONFLICT DESCRIPTION	PROPOSED CONFLICT RESOLUTION
				COX COMMUNICATIONS (CABLE)	GULF POWER (ELECTRIC)	AT&T (TELEPHONE)	PENSACOLA ENERGY (GAS)	ECUA (SANITARY)	PEOPLE'S WATER SERVICE (WATER)		
ELIASBERG STREET	77	STA. 28+70.69	14.11' R						XX	WATER AT BACK OF CURB – CONFLICT	REPLACE WATER FROM START OF PHASE II STA. 27+50 TO STA. 44+00
	78	STA. 29+30.23					XX			2" GAS POSSIBLE CONFLICT IF TO SHALLOW	COORDINATE WITH PENSACOLA ENERGY
	79	STA. 32+45.57							XX	8" WATER POSSIBLE CONFLICT IF TO SHALLOW	ADJUST WATER LINES AS NEEDED
	80	STA. 32+43.70	16.41' L					XX		6" FORCE MAIN POSSIBLE CONFLICT IF TOO SHALLOW – CONSIDER IN CONSTRUCTION SEQUENCE	PROTECT/TEMPORARILY RELOCATE UNTIL NEW SS IS IN SERVICE AND FM CAN BE ABANDONED/REMOVED
	81	STA. 33+03.92					XX			2" GAS POSSIBLE CONFLICT IF TOO SHALLOW	COORDINATE WITH PENSACOLA ENERGY
	82	STA. 36+27.87							XX	6" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	83	STA. 36+30.50	0				XX			2" GAS POSSIBLE CONFLICT IF TOO SHALLOW	COORDINATE WITH PENSACOLA ENERGY
	84	STA. 39+86.22	0						XX	3" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	85	STA. 40+41.23	0				XX			2" GAS POSSIBLE CONFLICT IF TOO SHALLOW	COORDINATE WITH PENSACOLA ENERGY
	86	STA. 44+02.77	0						XX	3" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
TALBERT STREET	87	STA. 19+39.48	0						XX	4" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	88	STA. 19+44.18	0				XX			2" GAS POSSIBLE CONFLICT IF TOO SHALLOW	COORDINATE WITH PENSACOLA ENERGY
	89	STA. 22+58.97	0						XX	3" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	90	STA. 23+18.54	0				XX			2" GAS POSSIBLE CONFLICT IF TOO SHALLOW	COORDINATE WITH PENSACOLA ENERGY
	91	STA. 26+83.90	0						XX	3" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	92	STA. 26+93.41	0				XX			2" GAS POSSIBLE CONFLICT IF TOO SHALLOW	COORDINATE WITH PENSACOLA ENERGY
	93	STA. 30+12.46	0						XX	8" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	94	STA. 30+60.18	0				XX			2" GAS POSSIBLE CONFLICT IF TOO SHALLOW	COORDINATE WITH PENSACOLA ENERGY
	95	STA. 33+83.20	0						XX	6" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	96	STA. 34+16.93	0						XX	3" WATER CONFLICT AND ALL ALONG RENTZ AVE.	REPLACE / ADJUST WATER LINES AS NEEDED
	97	STA. 34+35.89	0				XX			2" GAS POSSIBLE CONFLICT IF TOO SHALLOW	COORDINATE WITH PENSACOLA ENERGY
GRAUPERA STREET	98	STA. 10+59.83	0						XX	3" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	99	STA. 10+72.44	0				XX			2" GAS POSSIBLE CONFLICT IF TOO SHALLOW	COORDINATE WITH PENSACOLA ENERGY
	100	STA. 13+93.93	0						XX	8" WATER POSSIBLE CONFLICT IF TOO SHALLOW	ADJUST WATER LINES AS NEEDED
	101	STA. 17+96.70	0						XX	3" WATER CONFLICT AND ALL ALONG RENTZ AVE.	ADJUST WATER LINES AS NEEDED
	102	STA. 18+04.89	0				XX			2" GAS POSSIBLE CONFLICT IF TOO SHALLOW	COORDINATE WITH PENSACOLA ENERGY
GULF BEACH HWY	103	STA. 14+75	L						XX	3" WATER CROSSING CONFLICT DEPENDS ON DEPTH	ADJUST WATER LINES AS NEEDED
	104	STA. 18+05	L				XX			2" GAS POSSIBLE CONFLICT DEPENDS ON DEPTH	COORDINATE WITH PENSACOLA ENERGY
	105	STA. 18+80	L						XX	WATER CROSSING CONFLICT DEPENDS ON DEPTH	ADJUST WATER LINES AS NEEDED
	106	STA. 22+20	L				XX			2" GAS POSSIBLE CONFLICT DEPENDS ON DEPTH	COORDINATE WITH PENSACOLA ENERGY
	107	STA. 30+65	L				XX			2" GAS POSSIBLE CONFLICT DEPENDS ON DEPTH	COORDINATE WITH PENSACOLA ENERGY

UTILITIES
UTILITY CONFLICT MATRIX
GENERAL SHEETS

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970	DATE:
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DIST BCLT: 2	SIGNATURE:	
FIELD BOOK/PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W			

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	0.15
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	0.15.4

NOTES FOR ALL DEMOLITION SHEETS:
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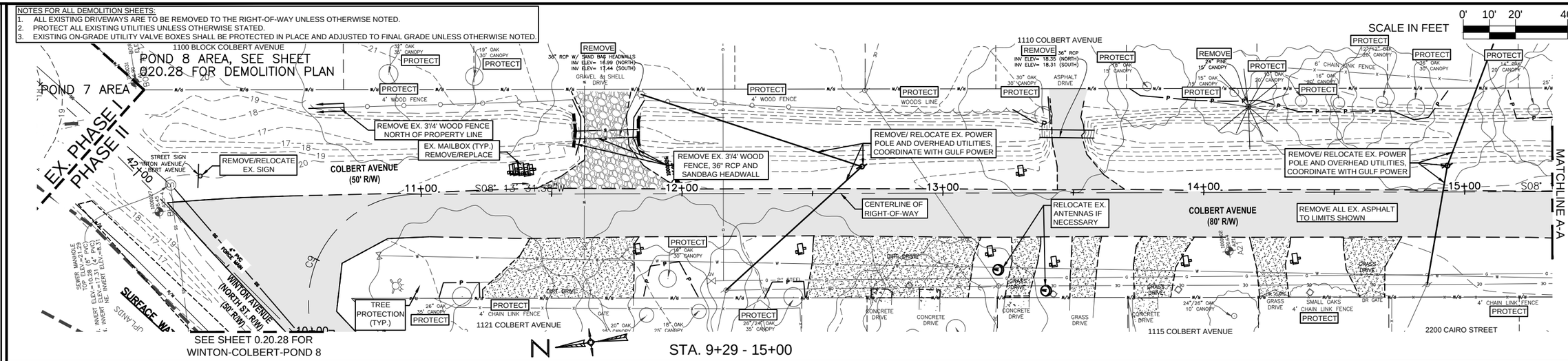
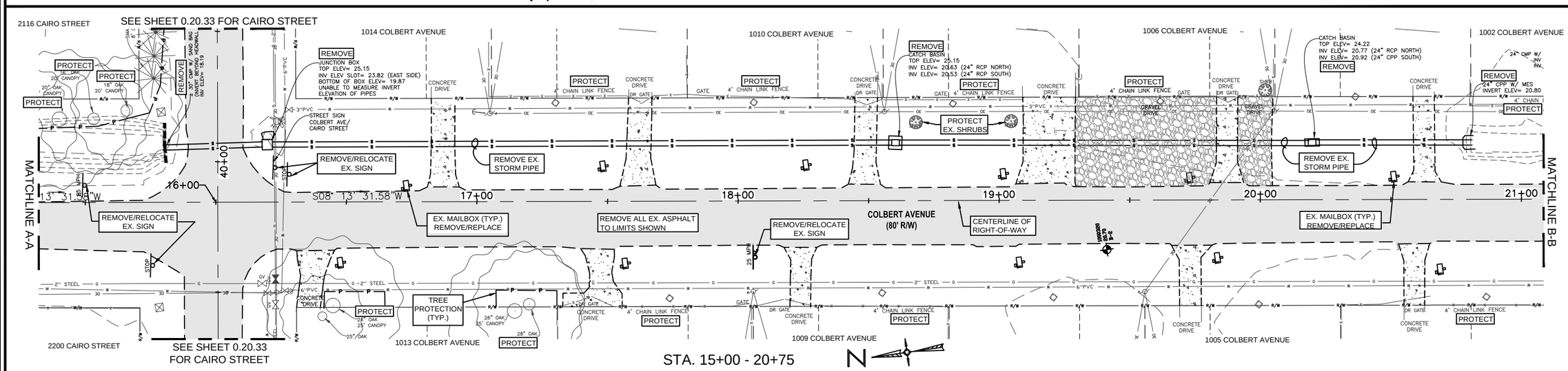
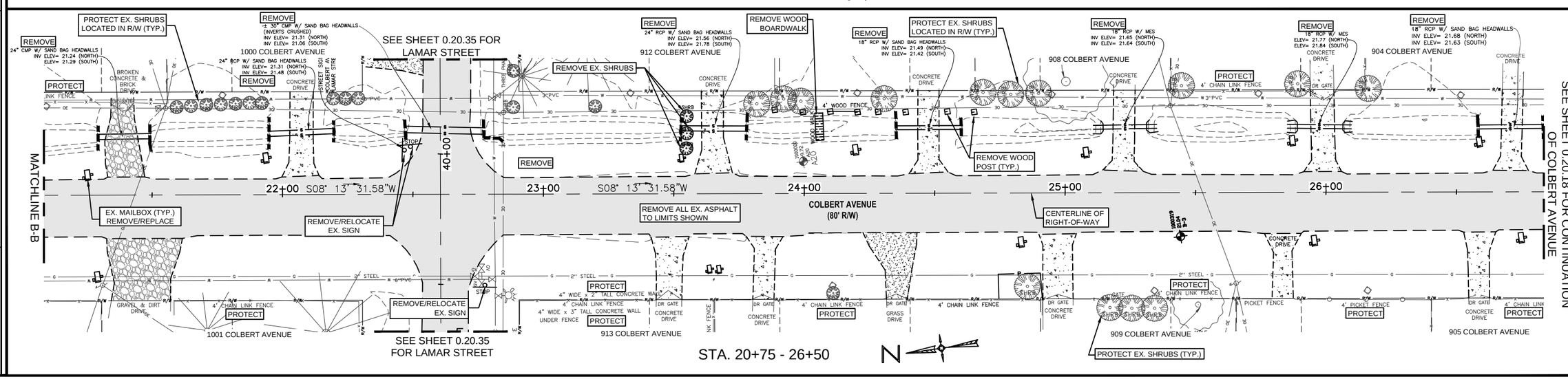
2. PROTECT ALL EXISTING UTILITIES UNLESS OTHERWISE STATED.
3. EXISTING ON-GRADE UTILITY VALVE BOXES SHALL BE PROTECTED IN PLACE AND ADJUSTED TO FINAL GRADE UNLESS OTHERWISE NOTED.







DEMOLITION PLANS
PHASE II
COLBERT AVENUE (80' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CLER
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W
CHECKED BY: GPH	DISTRICT:
REG. FLA. ENG. NO. 43970	DATE:
SIGNATURE:	

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	0.20
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	0.20.17

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	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	

			ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE
			CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE
			CHANGE INCORPORATION	(Yellow HighLighter)	DATE

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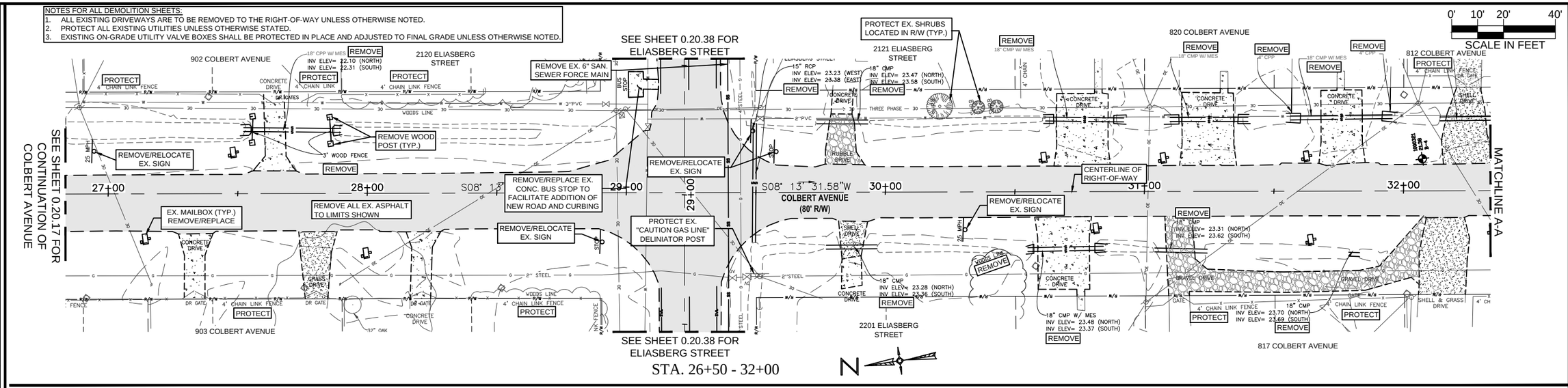

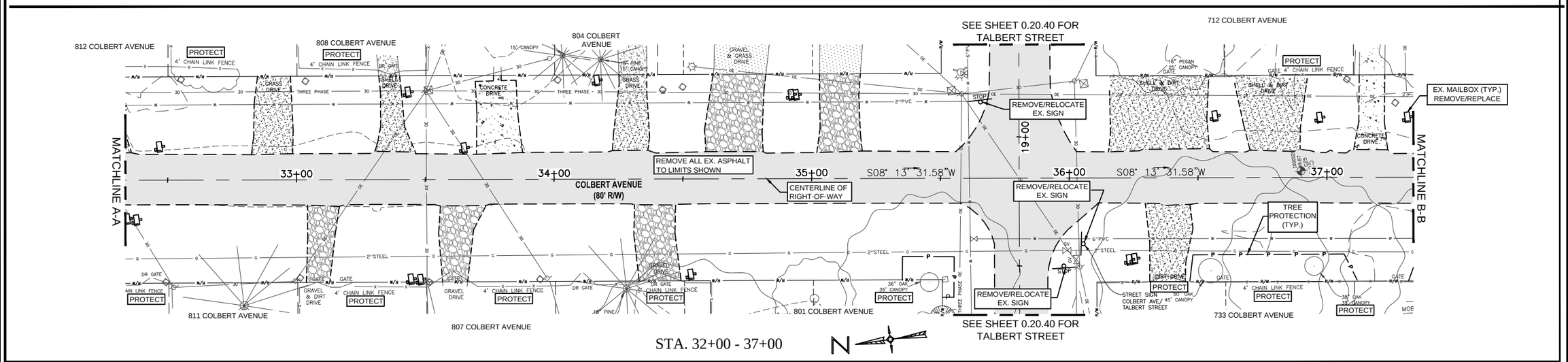

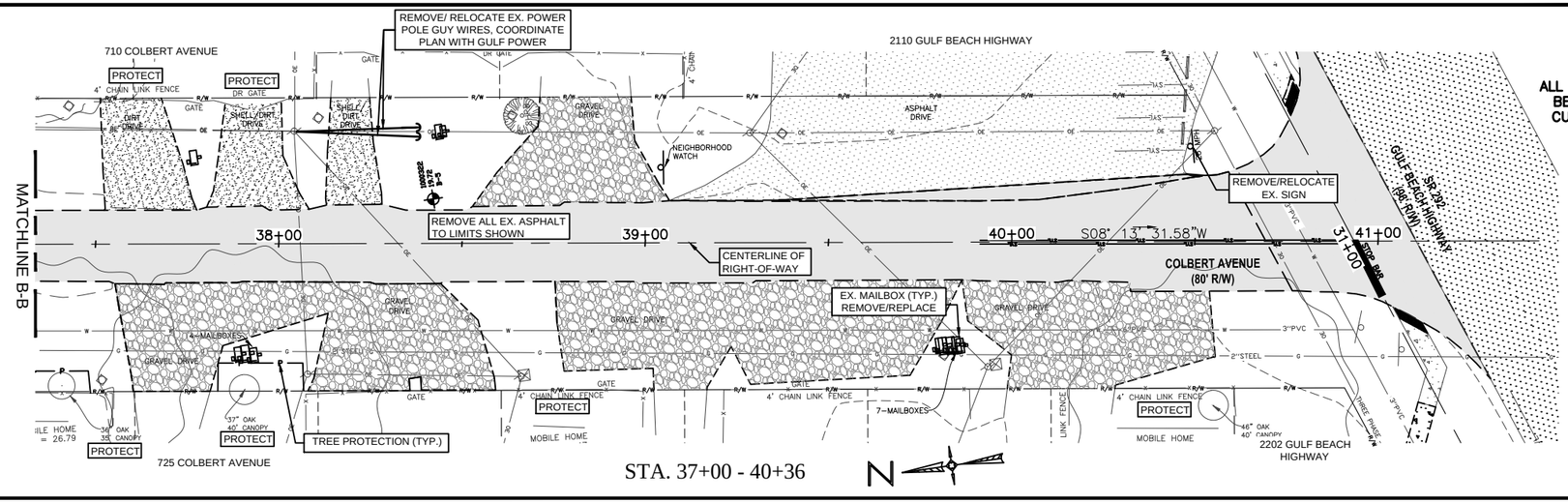

ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS.

DEMOLITION PLANS
PHASE II
COLBERT AVENUE (80' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DESIGNED BY: CPH/TAH	CHECKED BY: GPH
DRAWN BY: CPH/TAH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	DISTRICT: 2
FIELD BOOK PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W
PROJECT MANAGER: CHRIS A. COLBY	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

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PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.18

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans - PH II.dwg, May 25, 2023 - 9:41:46AM, gpotter

PHASE	REVIEW	DATE	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)		REMARK INCORPORATION (Blue Highlighter)	
			CHANGE INCORPORATION (Yellow HighLighter)		ORIGINATOR VERIFICATION Correct (Pink Highlighter)	

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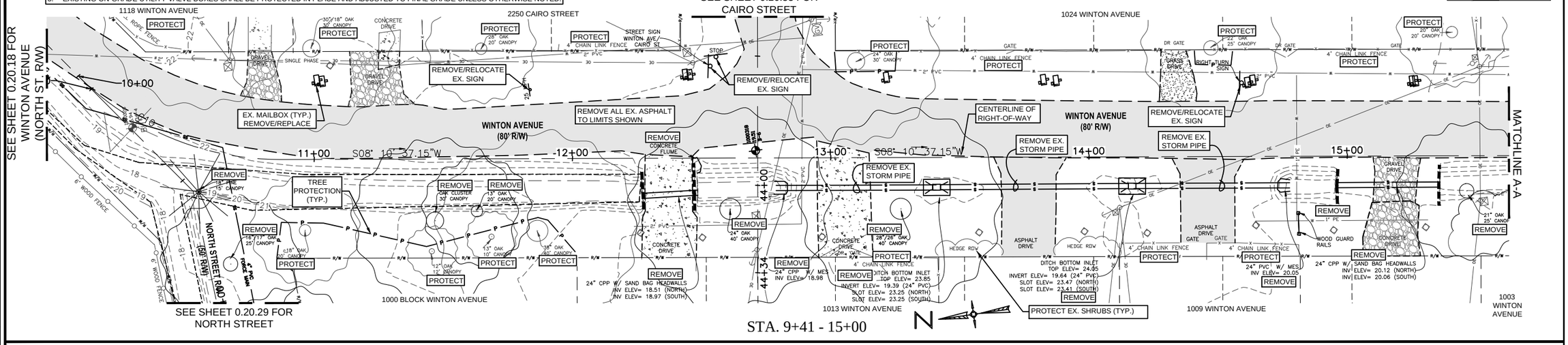
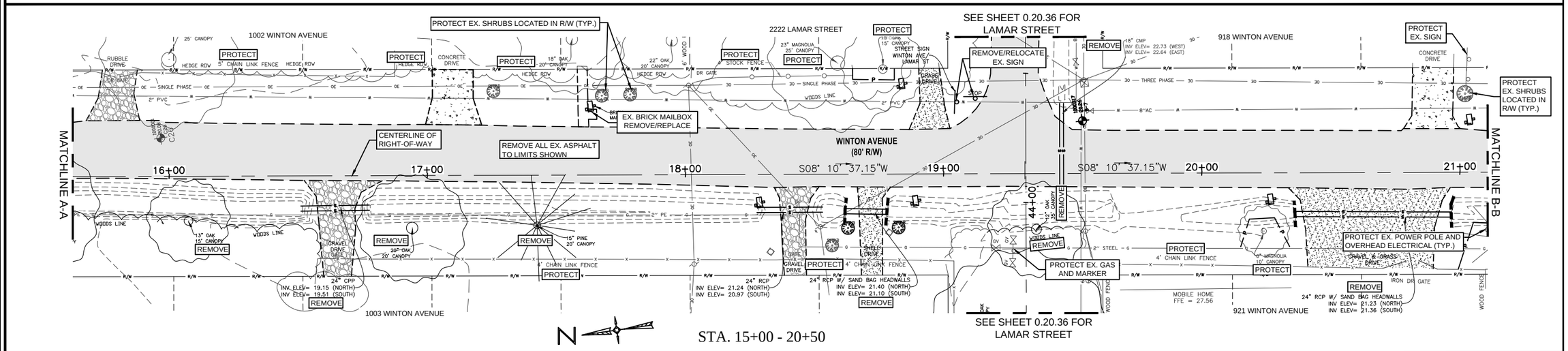
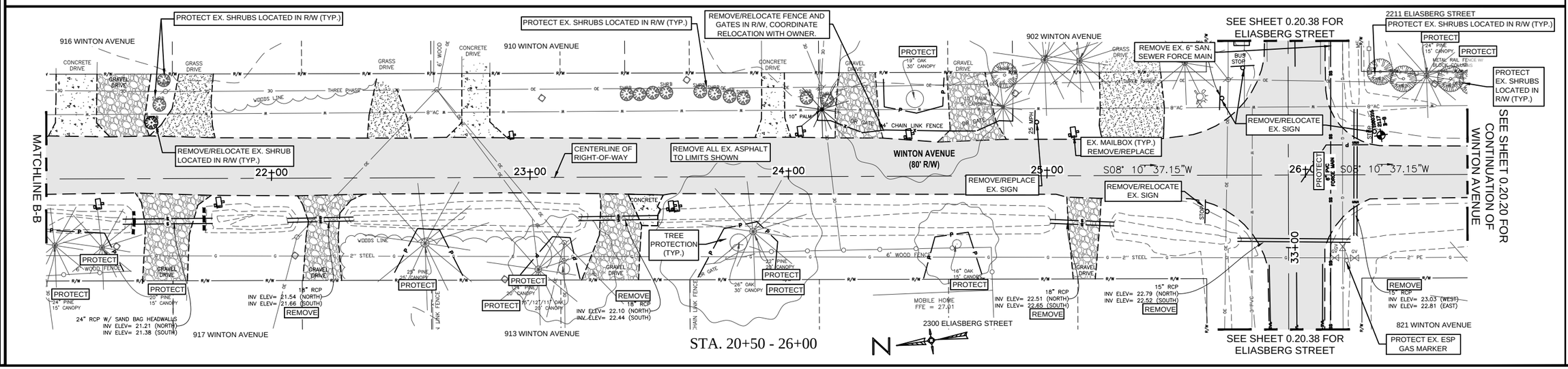
SCALE IN FEET 0' 10' 20' 40'







DEMOLITION PLANS
PHASE II
WINTON AVENUE (80' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CAPITAH	DESIGNED BY: GPH
DATE: MAY 2023	CHECKED BY: GPH
FIELD BOOK PAGES: TC30/1-35	REG. FLA. ENG. NO. 43970
PROJECT MANAGER: CHRIS A. COLBY	DISTRICT: 2
SECTION TOWNSHIP RANGE: 35 / 2S / 31W	SIGNATURE:

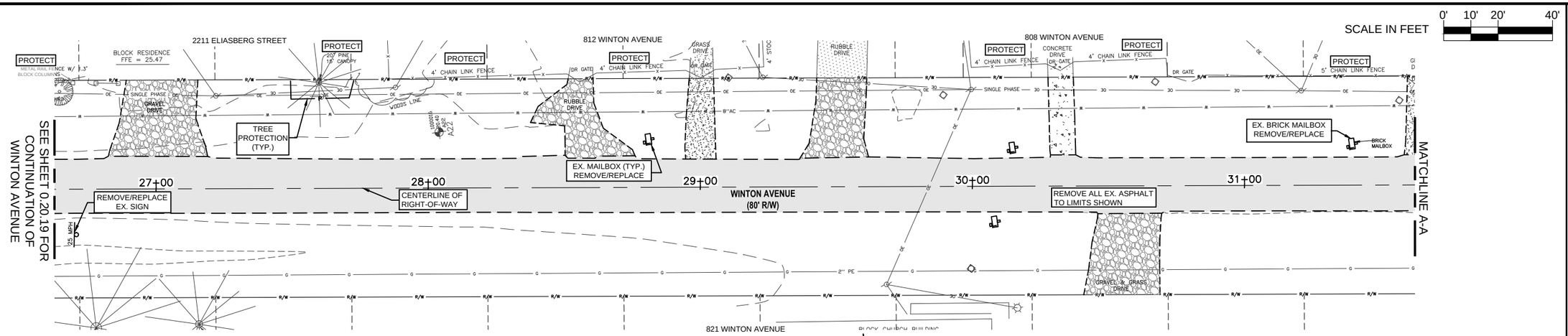
NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 0.20
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.19

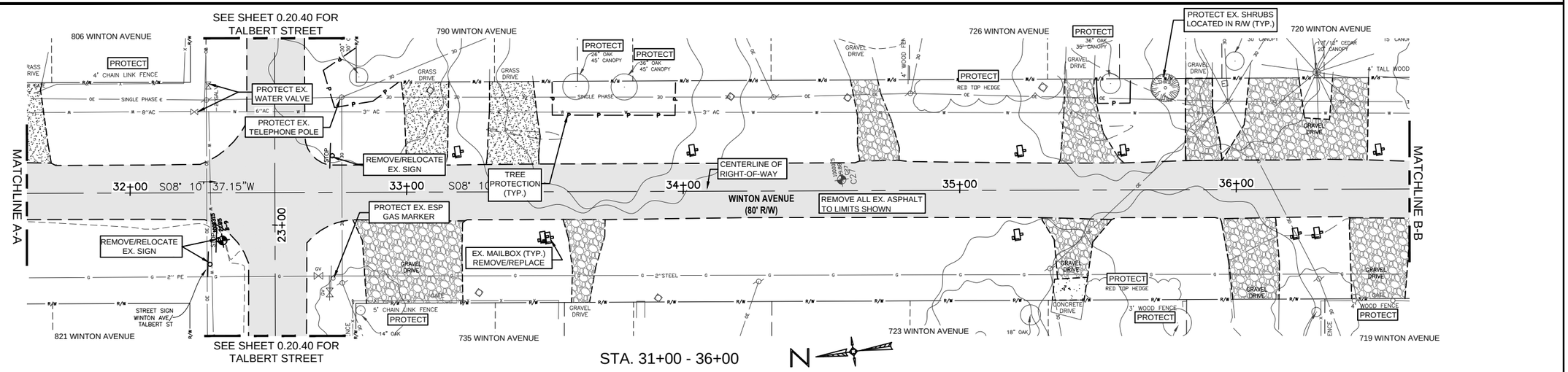
F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans – PH II.dwg, May 25, 2023 – 9:43:02AM, gpotter

PHASE	REVIEW	ORIGINATOR (RP)	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE
		CHECKER (RP)	DATE
		ORIGINATOR (OR)	DATE
		VERIFICATION, CHECKER (OR)	DATE

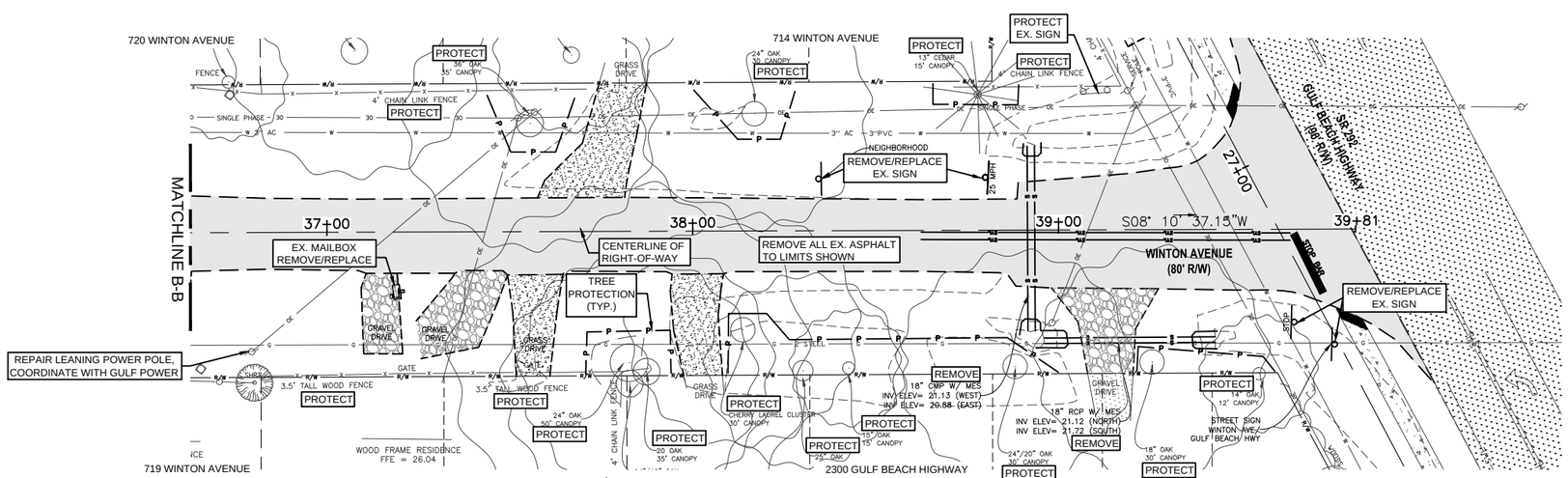
CHANGE INCORPORATION	(Yellow Highlighter)	DATE
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE
REMARK INCORPORATION	(Blue Highlighter)	DATE
(Red Pen X-Out to Disagree or Remark)	(Red Pen)	DATE
Correct (Green Highlighter) Change	(Blue Highlighter)	DATE



STA. 26+00 - 31+00



STA. 31+00 - 36+00



STA. 36+00 - 38+76

NOTES FOR ALL DEMOLITION SHEETS:

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2. PROTECT ALL EXISTING UTILITIES UNLESS OTHERWISE STATED.
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ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS.

DEMOLITION PLANS

PHASE II

WINTON AVENUE (80' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

REG. FLA. ENG. NO. 43970

DATE:

SIGNATURE:

DESIGNED BY: GPH
CHECKED BY: GPH
DISTRICT: 3
DRAWN BY: GPH/TAH
PROJECT MANAGER: CHRIS A. CURB
SECTION / TOWNSHIP / RANGE 35 / 2S / 31W
DATE: MAY 2023
FIELD BOOK / PAGES: TC30 / 1-35

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 0.20
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.20

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans - PH II.dwg, May 25, 2023 - 9:44:05AM, gpotter

PHASE	REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:				ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

	ORIGINATOR (OR)	Correct (Green Highlighter) Change (Red Pen)	DATE
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE
	CHANGE INCORPORATION	(Yellow HighLighter)	DATE

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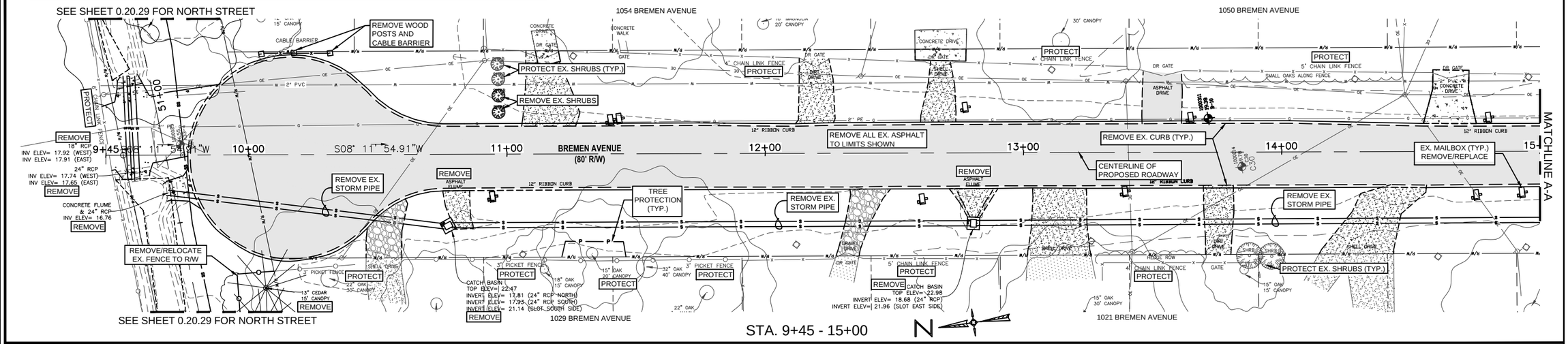
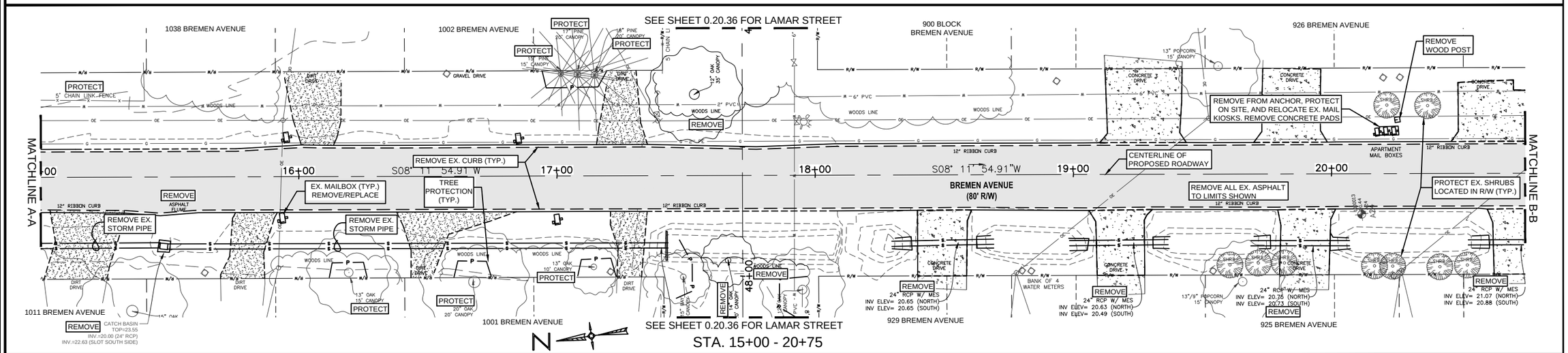
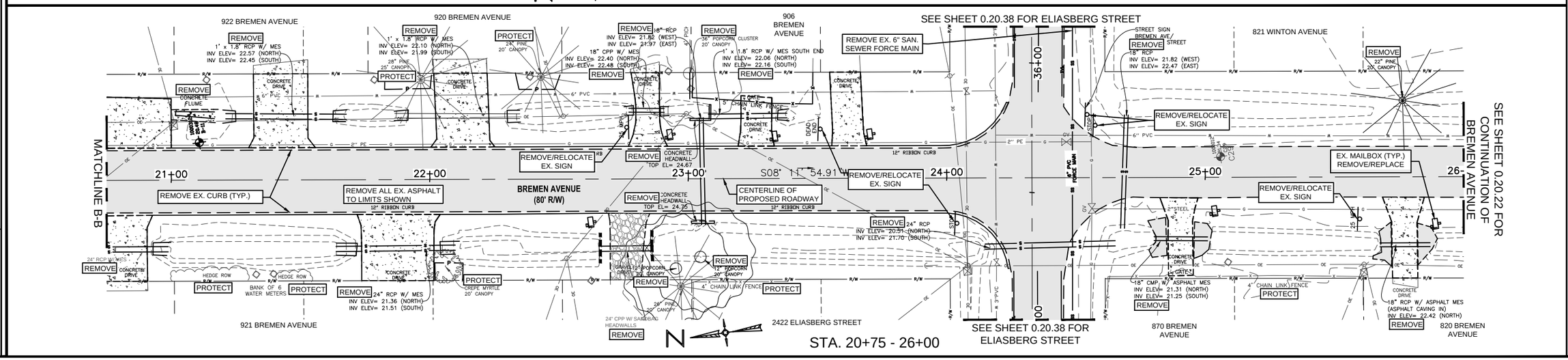
SCALE IN FEET 0' 10' 20' 40'







DEMOLITION PLANS
PHASE II
BREMEN AVENUE (80' RW)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CPHTAH	DESIGNED BY: CPH
DATE: MAY 2023	CHECKED BY: CPH
FIELD BOOK / PAGES: TC30 / 1-35	PROJECT MANAGER: CHRIS A. COURB
REG. ELA. ENG. NO. 43970	DISTRICT: 1
SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 0.20
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.21

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans – PH II.dwg, May 25, 2023 – 9:45:09AM, gpotter

PHASE	REVIEW	DATE	ORIGINATOR (RP)	CHECKER (RP)	REMARK INCORPORATION	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHANGE INCORPORATION (Yellow HighLighter)	ORIGINATOR VERIFICATION Correct (Pink Highlighter)		
SIGNATURE:			VERIFICATION, CHECKER (GR) (Blue Highlighter)			
			ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)			
			PRODUCTION (RP) (Red Pen X-Out to Disagree or Remark)			

NOTES FOR ALL DEMOLITION SHEETS:
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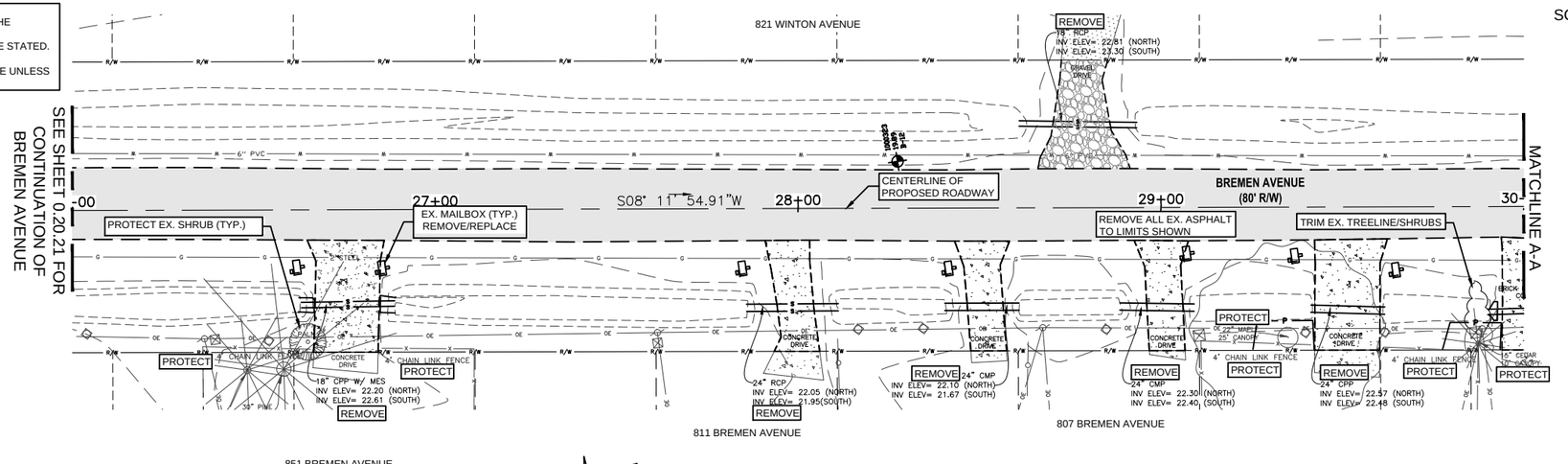
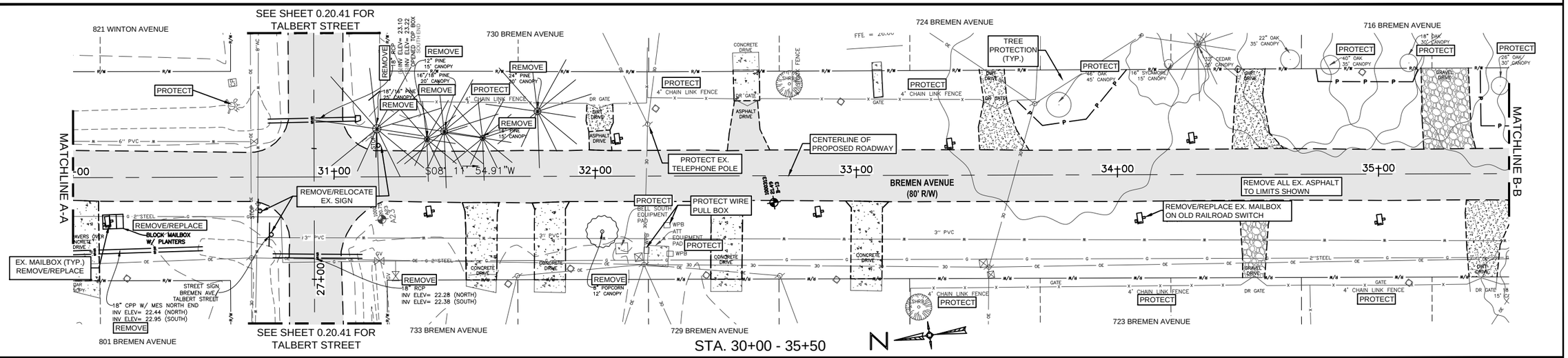
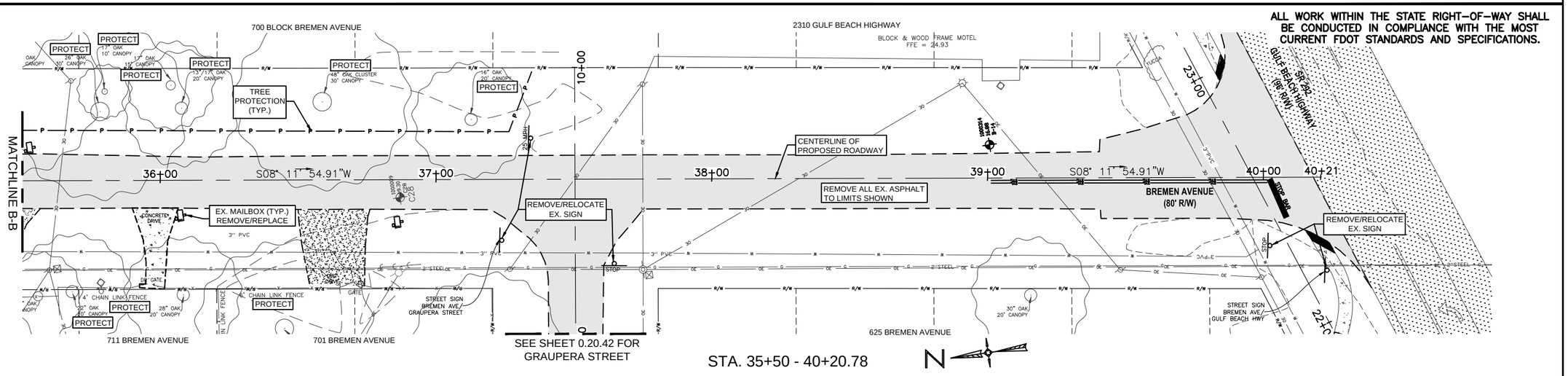
SCALE IN FEET 0' 10' 20' 40'



STA. 26+00 - 30+00



STA. 30+00 - 35+50



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STA. 35+50 - 40+20.78

DEMOLITION PLANS
PHASE II
BREMEN AVENUE (80' RW)

ESCAMBIA COUNTY · FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CPH/TAH	DESIGNED BY: CPH
DATE: MAY 2, 2023	CHECKED BY: CPH
FIELD BOOK / PAGES: TC20/ 1-35	PROJECT MANAGER: CHRIS A. COLAR
	REG. ELA. ENG. NO. 43970
	DISTRICT: 1
	DIRECTION, TOWNSHIP, RANGE: 35 / 2S / 31W
	DATE:
	SIGNATURE:

APPROVED BY | DATE | REVISIONS | NUMBER

DRAWING NUMBER	0.20
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	0.20.22

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans – PH II.dwg, May 25, 2023 – 9:47:05AM, gpotter

PHASE	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	VERIFICATION, CHECKER (QR)	DATE
REVIEW	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		Correct (Green Highlighter) Change (Red Pen)	(Blue Highlighter)	
SIGNATURE:			(Red Pen X-Out to Disagree or Remark)	(Blue Highlighter)	
			CHECKER (RP)	REMARK INCORPORATION	DATE
			(Yellow HighLighter)	Correct (Pink Highlighter)	
			CHANGE INCORPORATION	ORIGINATOR VERIFICATION	DATE

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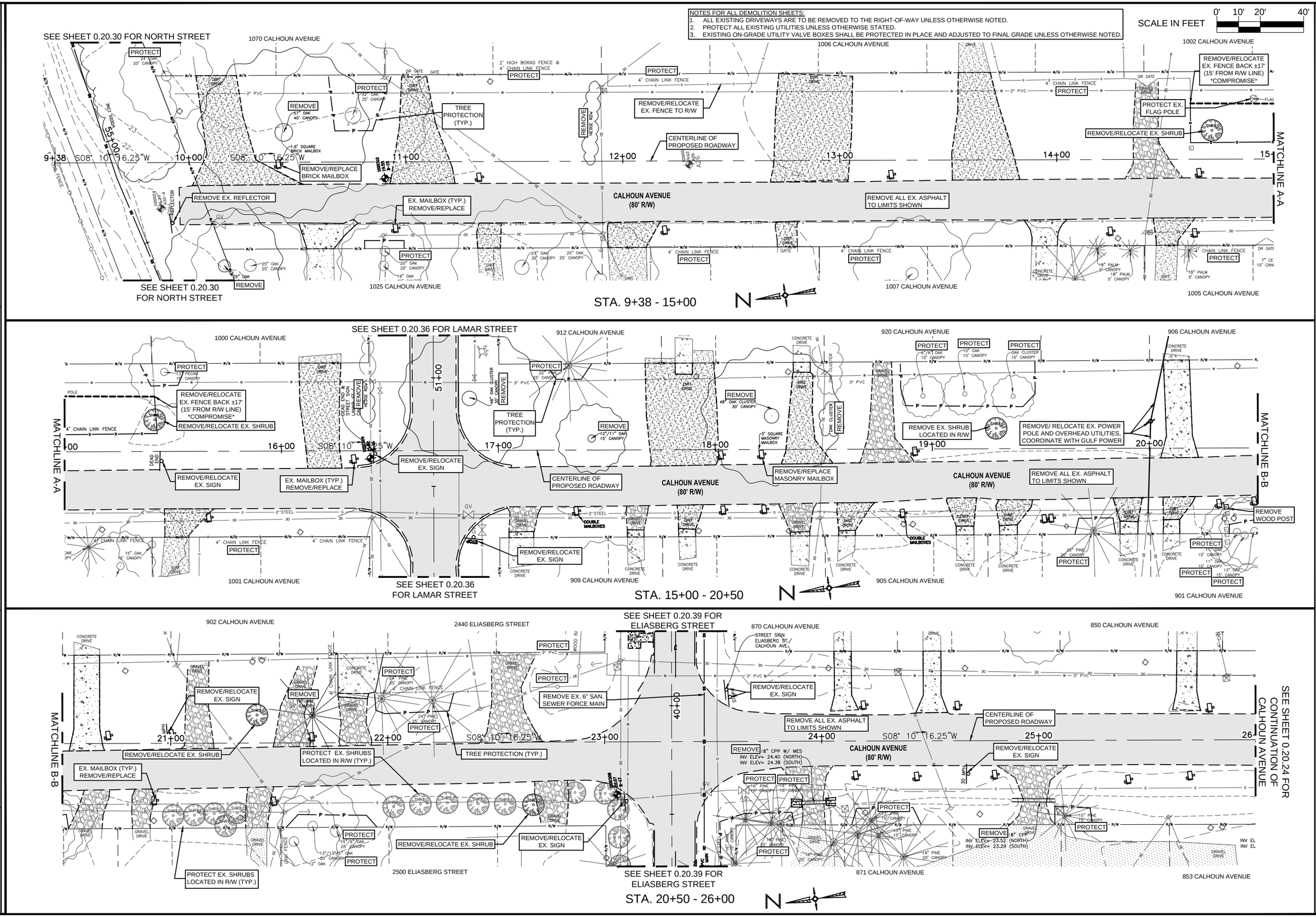
SCALE IN FEET 0' 10' 20' 40'



DEMOLITION PLANS
PHASE II
CALHOUN AVENUE (80' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY:	GPH/TAH
DATE:	MAY 2022
FIELD BOOK/PAGES:	TC30/1-35
DESIGNED BY:	GPH
PROJECT MANAGER:	CHRIS A. CLERB
CHECKED BY:	GPH
DISTRICT:	2
SECTION/TOWNSHIP/RANGE	35/2S/31W
REG. FLA. ENG. NO.	43970
DATE:	
SIGNATURE:	

APPROVED BY | DATE | REVISIONS | NUMBER

DRAWING NUMBER	0.20
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	0.20.23

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans – PH II.dwg, May 25, 2023 – 9:48:08AM, gpotter

PHASE: REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter) DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)
SIGNATURE:	CHECKER (RP)	DATE	ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE
	CHANGE INCORPORATION (Yellow Highlighter)		

ORIGINATOR (GR) Correct (Green Highlighter) DATE
(Red Pen X-Out to Disagree or Remark)

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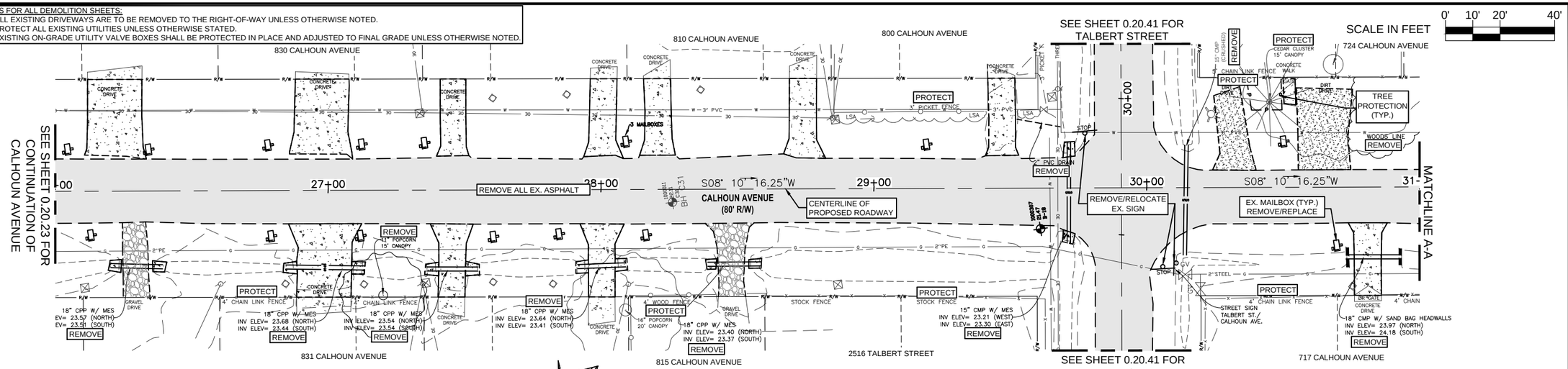

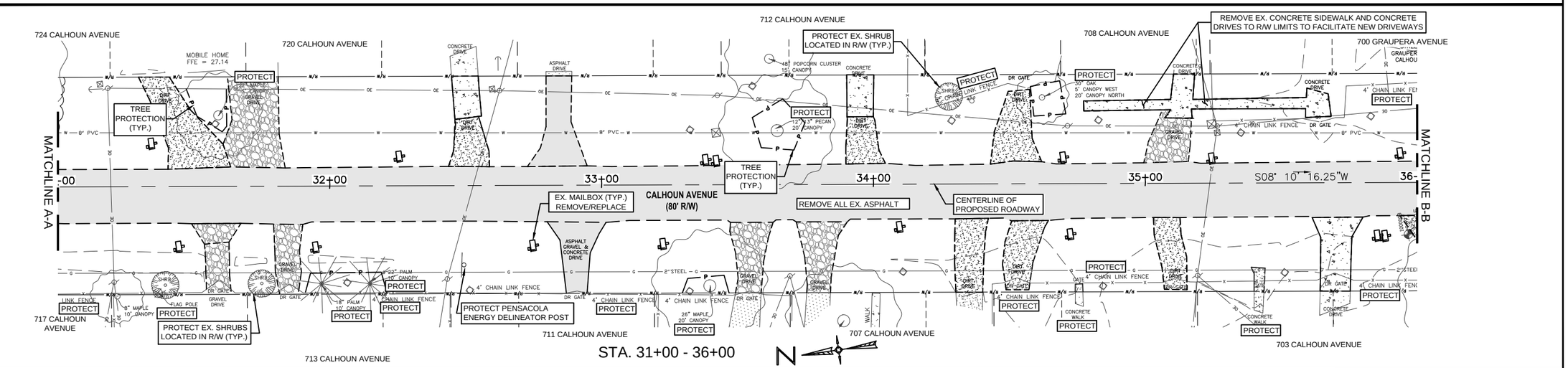

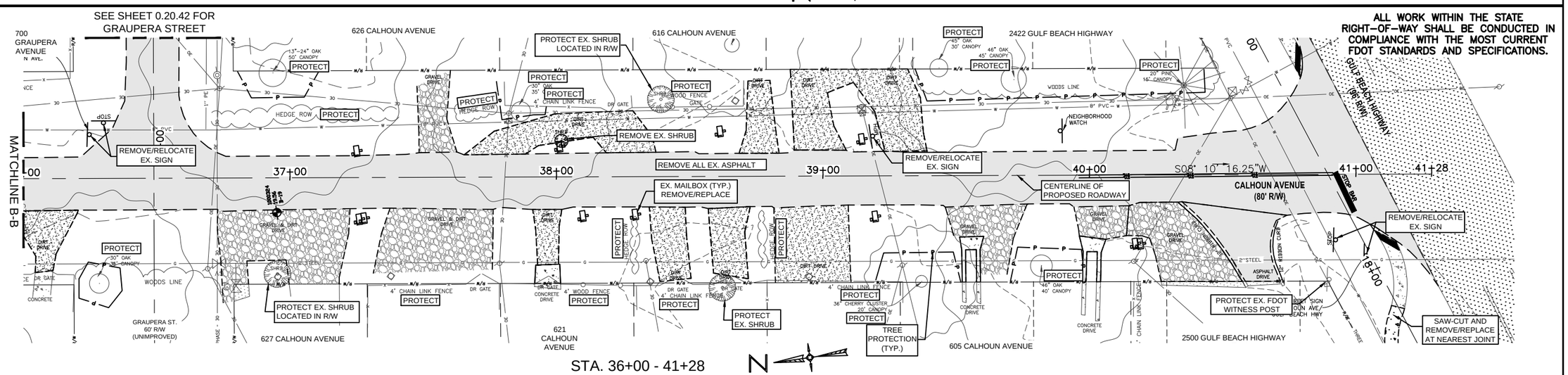

DEMOLITION PLANS
PHASE II
CALHOUN AVENUE (80' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CPHTAH	DESIGNED BY: GPH
DATE: MAY 2023	CHECKED BY: GPH
FIELD BOOK PAGES: TC30/1-35	PROJECT MANAGER: CHRIS A. COLBY
	DISTRICT: 2
	SECTION TOWNSHIP RANGE: 35 / 2S / 31W
	REG. FLA. ENG. NO.: 43970
	SIGNATURE:
	DATE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	0.20
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	0.20.24

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PHASE	REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:		CHANGE INCORPORATION	(Yellow Highlighter)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

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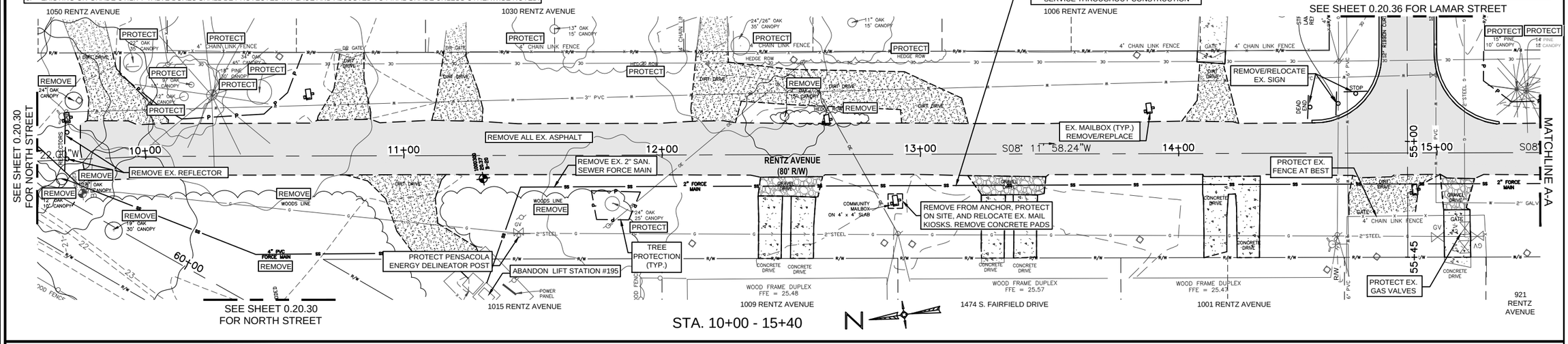
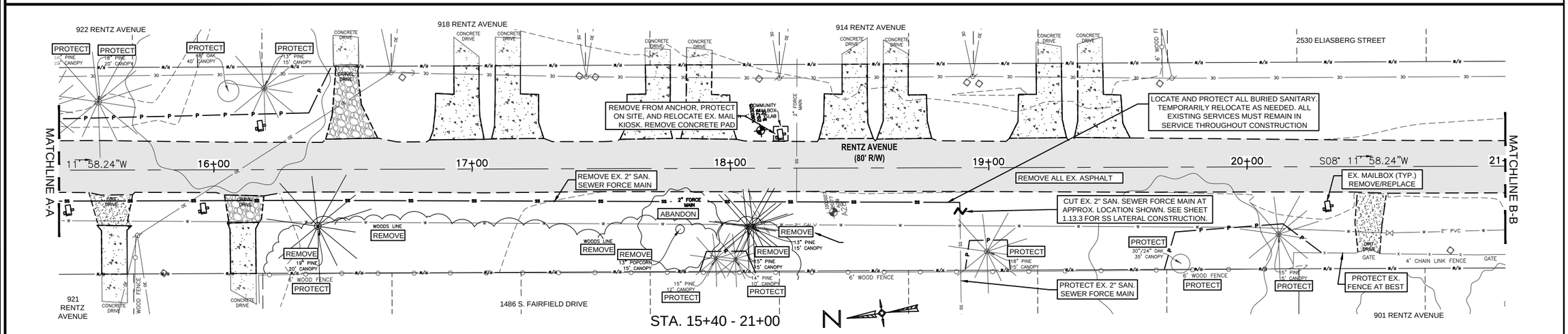
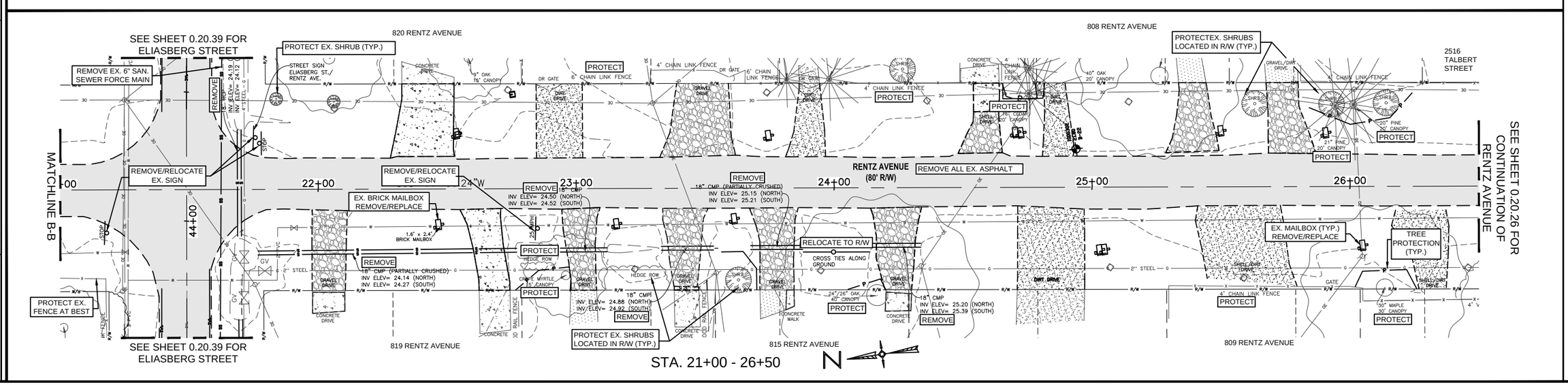
SCALE IN FEET 0' 10' 20' 40'







DEMOLITION PLANS
PHASE II
RENTZ AVENUE (80' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY:	GPH/TAH
DATE:	MAY 2023
DESIGNED BY:	GPH
PROJECT MANAGER:	CHRIS A. CURB
FIELD BOOK / PAGES:	TC30 / 1-35
CHECKED BY:	GPH
DISTRICT:	2
SECTION / TOWNSHIP / RANGE	35 / 2S / 31W
REG. FLA. ENG. NO.	43970
DATE:	
SIGNATURE:	

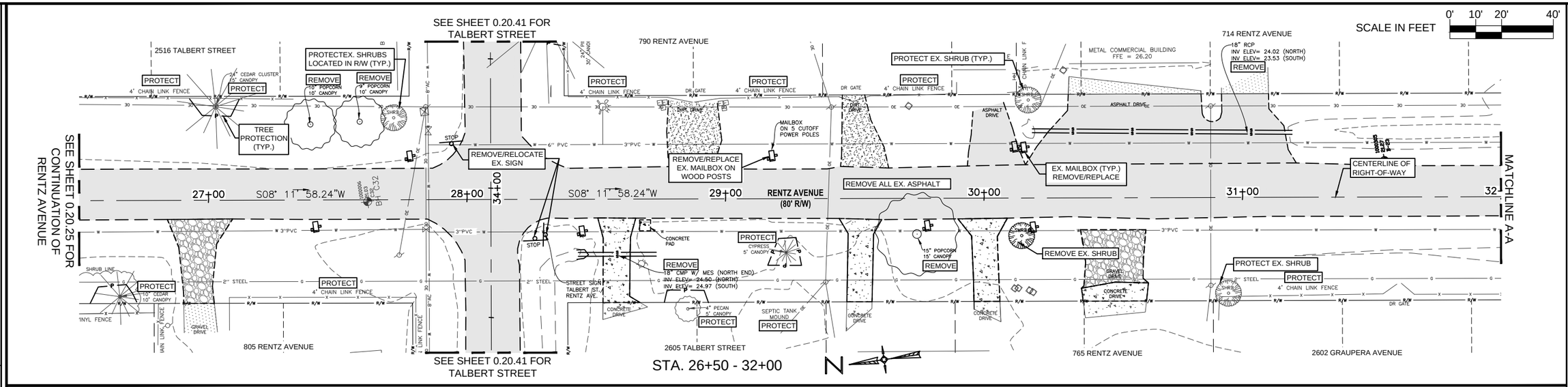
DRAWING NUMBER	0.20
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	0.20.25

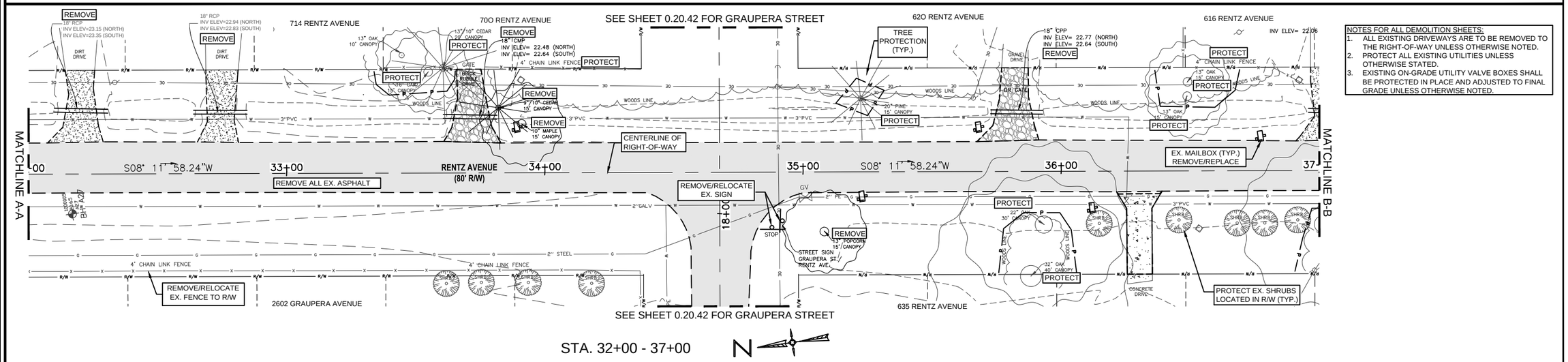
NUMBER | REVISIONS | DATE | APPROVED BY

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans – PH II.dwg, May 25, 2023 – 9:50:29AM, gpotter

PHASE	REVIEW	DATE
ORIGINATOR (RP)	VERIFICATION, CHECKER (GR)	DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	REMARK INCORPORATION	DATE
SIGNATURE:	ORIGINATOR VERIFICATION	DATE

ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	(Blue Highlighter)
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	(Blue Highlighter)
CHANGE INCORPORATION		(Yellow HighLighter)





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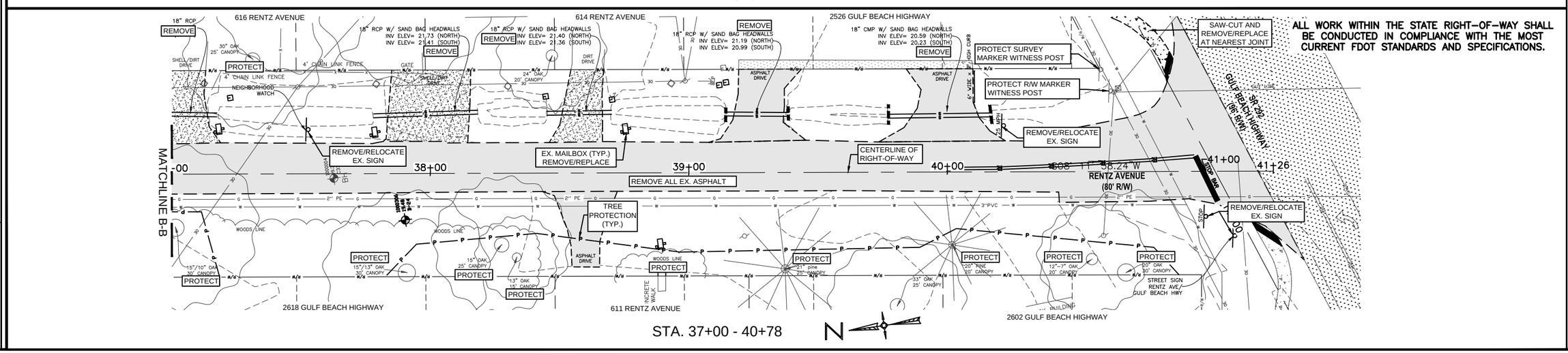

DEMOLITION PLANS

PHASE II

RENTZ AVENUE (80' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLERB
FIELD BOOK/PAGES: TC30 / 1-35	SECTION/ TOWNSHIP/ RANGE 35 / 2S / 31W
CHECKED BY: GPH	DISTRICT: 2
REG. FLA. ENG. NO. 43970	SIGNATURE:
DATE:	

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	0.20
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	0.20.26

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PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
				CHANGE INCORPORATION	(Yellow HighLighter)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

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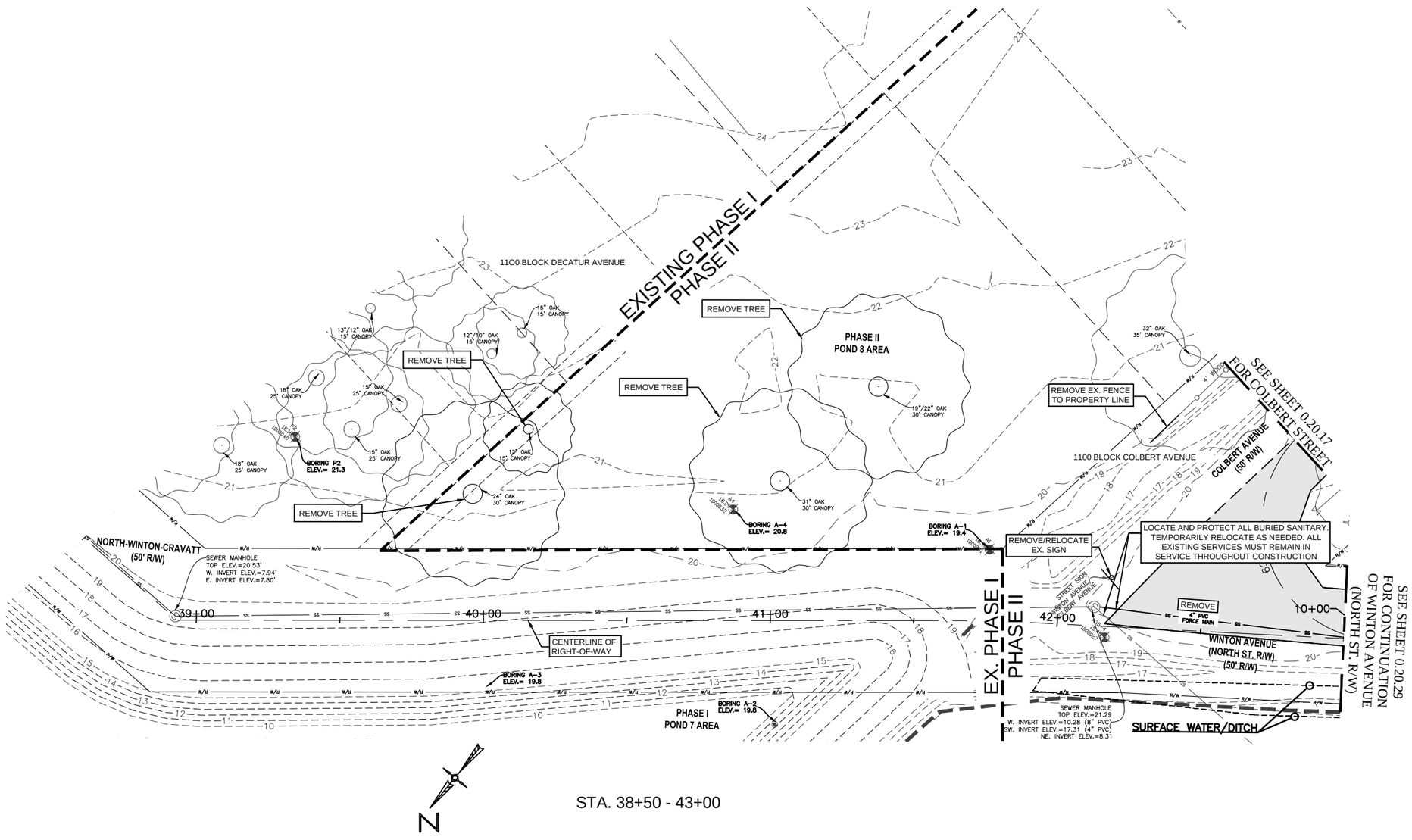
SCALE IN FEET 0' 10' 20' 40'



STA. 38+50 - 43+00

DEMOLITION PLANS
PHASE II
WINTON AVE. (50' R/W) - COLBERT ST. (50' R/W) - POND 8

ESCAMBIA COUNTY • WORK TOGETHER

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CPH/TAH	DESIGNED BY: CPH	CHECKED BY: CPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. COLB	DISTRICT: 2	DATE:
FIELD BOOK / PAGES: TC30 / 1-35		SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 0.20
PROJECT NUMBER PD11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.28

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans - PH II.dwg, May 25, 2023 - 9:51:58AM, gpotter

PHASE	ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
REVIEW	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
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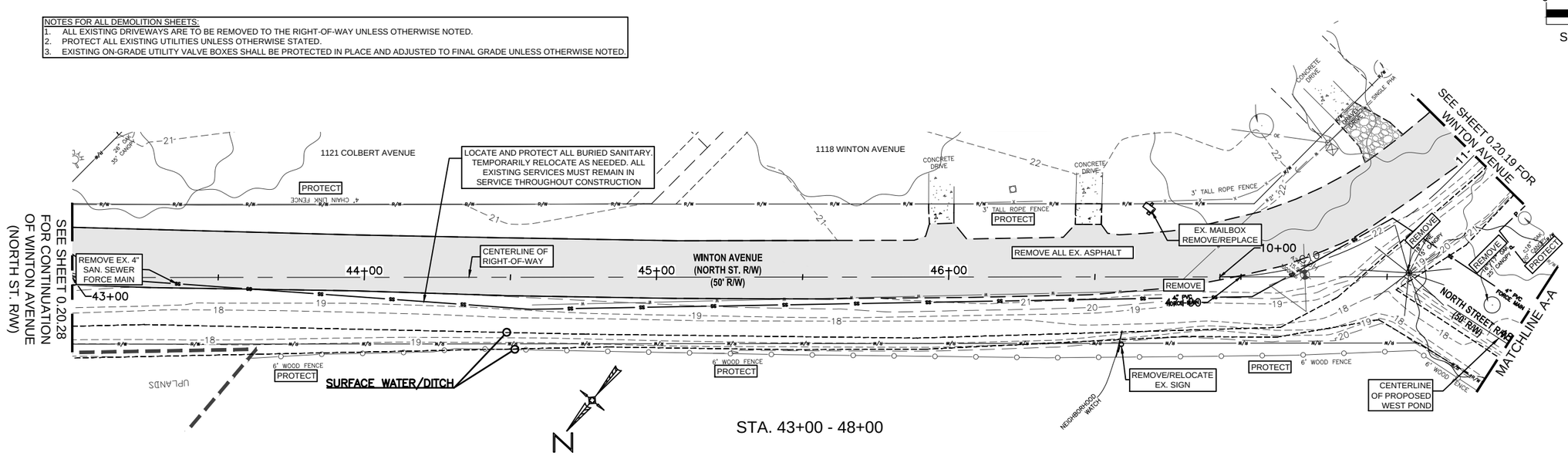
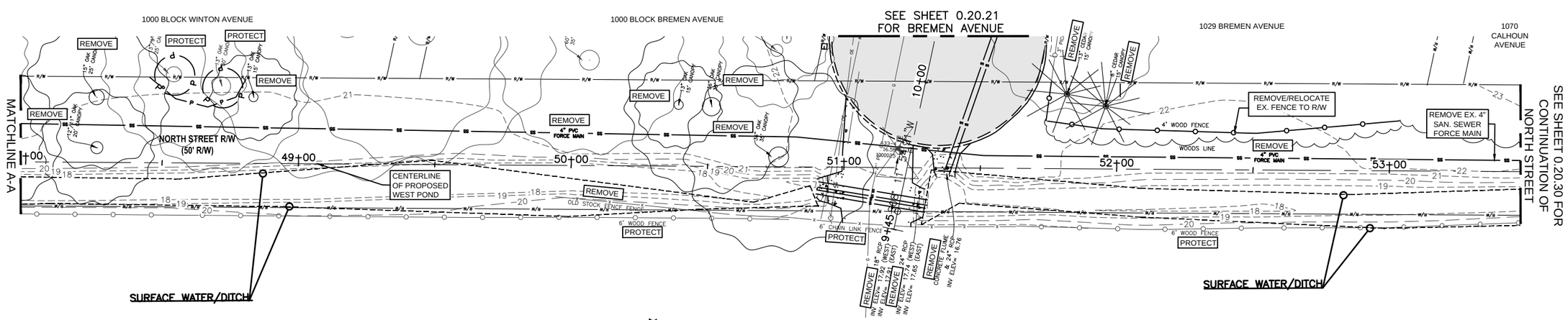
3. EXISTING ON-GRADE UTILITY VALVE BOXES SHALL BE PROTECTED IN PLACE AND ADJUSTED TO FINAL GRADE UNLESS OTHERWISE NOTED.

0' 10' 20' 40'
SCALE IN FEET



STA. 43+00 - 48+00



STA. 48+00 - 53+50

DEMOLITION PLANS
PHASE II
WINTON AVENUE 50' R/W) - NORTH STREET (50' R/W)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLER	DISTRICT: 2	SIGNATURE:
FIELD BOOK/PAGES: TC30 / 1-35	SECTION/TOWNSHIP/RANGE 35 / 2S / 31W		

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 0.20
PROJECT NUMBER PD11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.29

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans - PH II.dwg, May 25, 2023 - 9:52:42AM, gpotter

PHASE REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE
	CHANGE INCORPORATION	(Yellow HighLighter)	DATE

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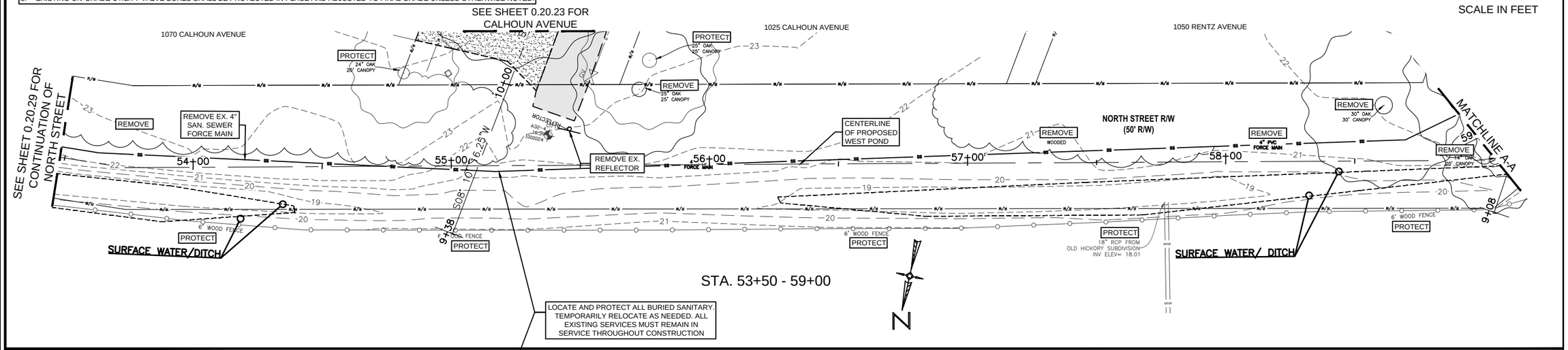
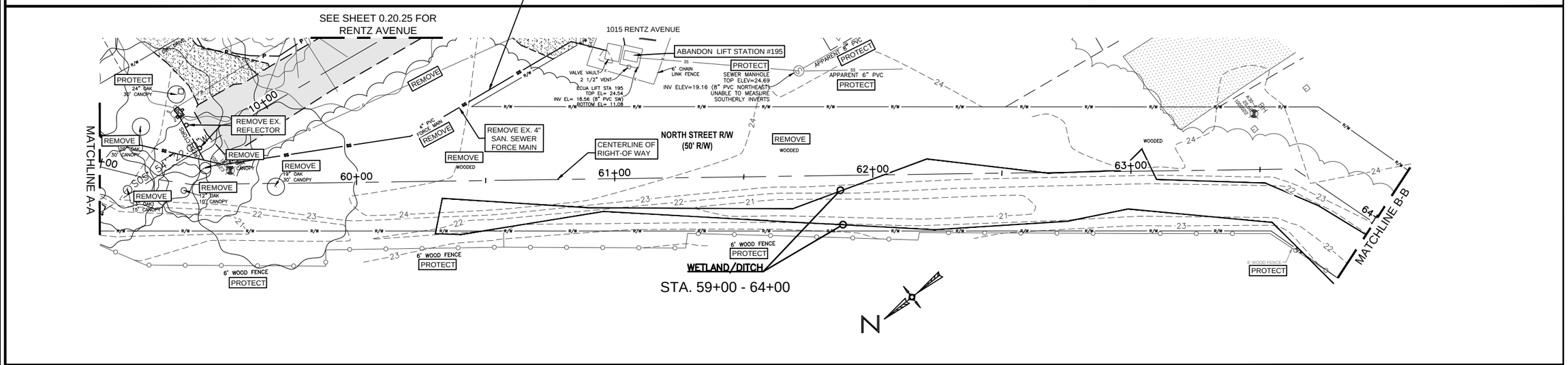
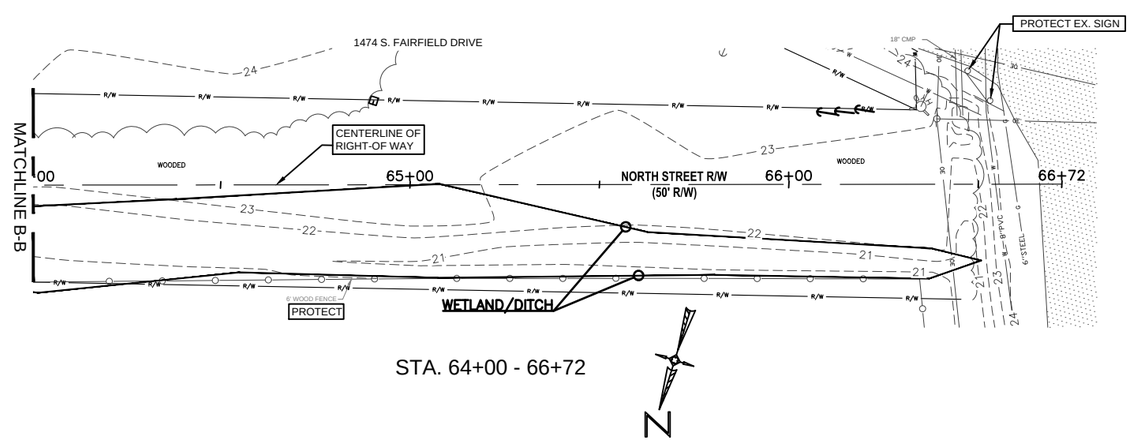
0' 10' 20' 40'
SCALE IN FEET







DEMOLITION PLANS
PHASE II
NORTH STREET (50' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. P.A. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CLER	DIST PROJ.: 2	SIGNATURE:
FIELD BOOK/ PAGES: TC30 / 1-35		SECTION / TOWNSHIP / RANGE 35 / 2S / 31W	

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	0.20
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	0.20.30

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PHASE	REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
		ORIGINATOR (OR) Correct (Green Highlighter) Change (Red Pen)		ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)		CHANGE INCORPORATION (Yellow HighLighter)	DATE

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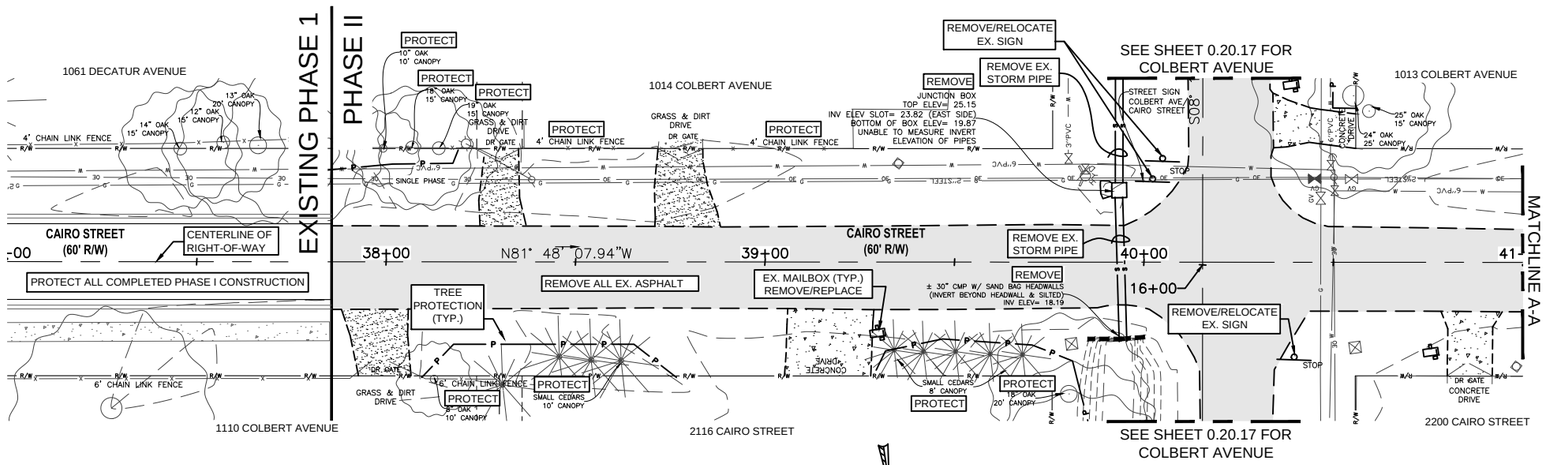
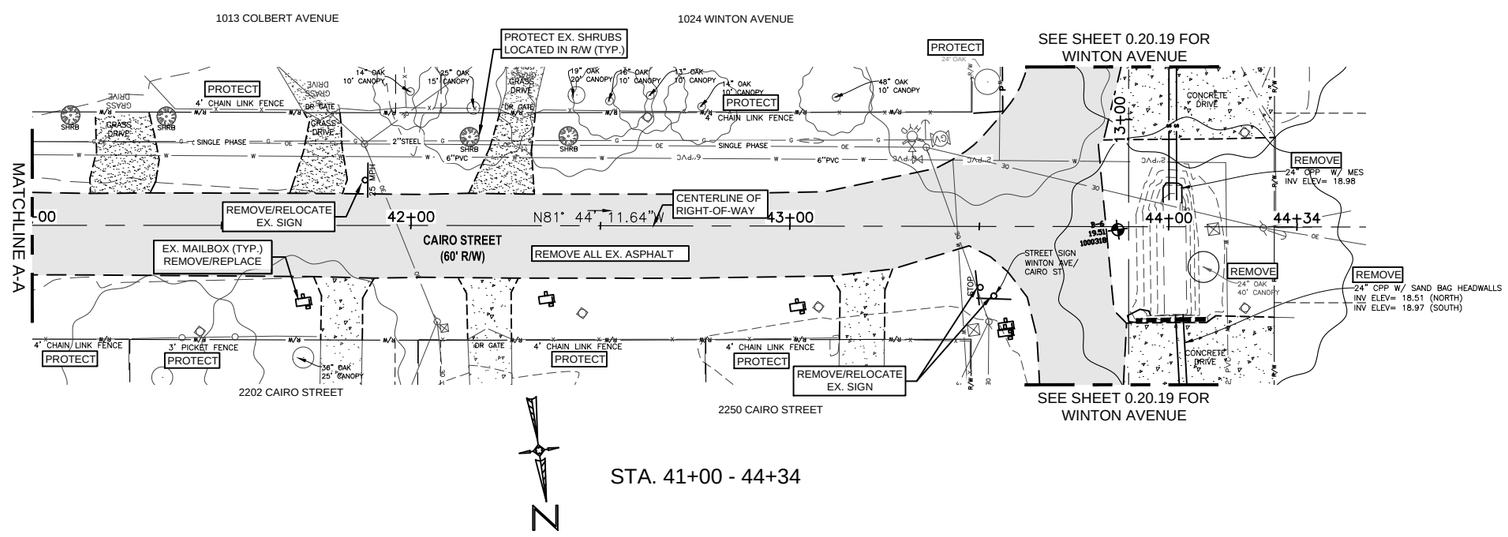
SCALE IN FEET 0' 10' 20' 40'





DEMOLITION PLANS
PHASE II
CAIRO STREET (60' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLER	DISTRICT: 2	SIGNATURE:
FIELD BOOK/ PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 25 / 31W		

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 0.20
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.33

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PHASE REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE
	CHANGE INCORPORATION	(Yellow HighLighter)	DATE

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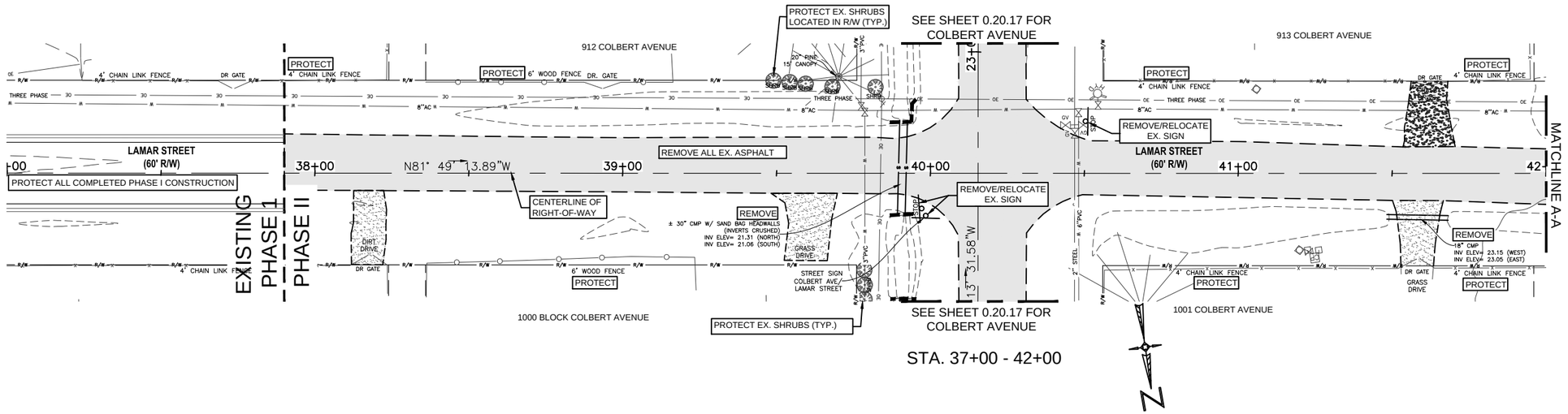
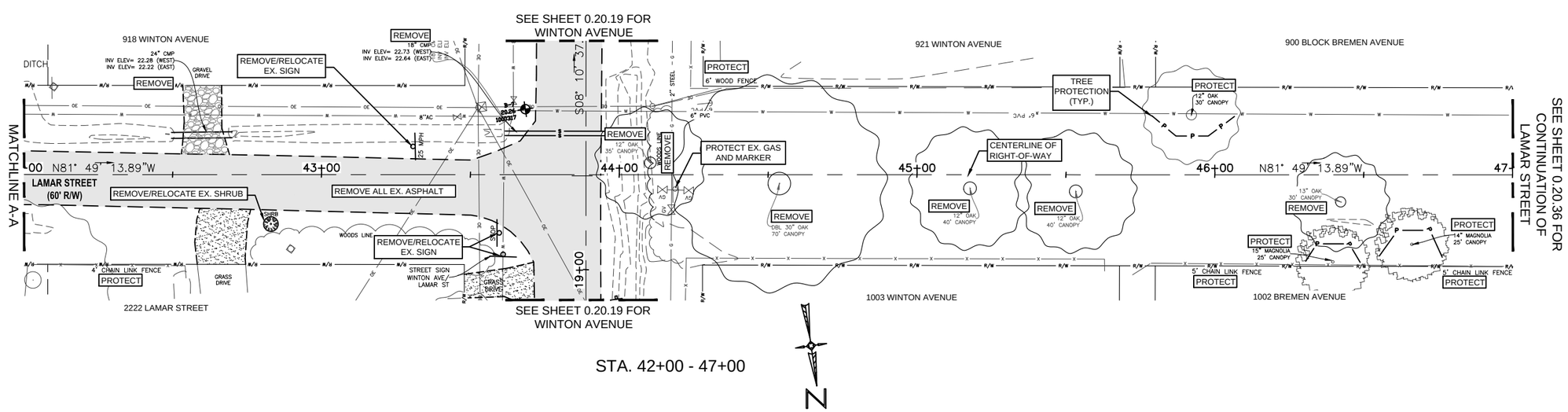
SCALE IN FEET 0' 10' 20' 40'





DEMOLITION PLANS
PHASE II
LAMAR STREET (60' RW)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CPHTAH	DESIGNED BY: CPH	CHECKED BY: CPH	REG. ELA ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 1-2	SIGNATURE:
FIELD BOOK/ PAGES: TC30 / 1-35		SECTION/ TOWNSHIP/ RANGE: 35 / 2S / 31W	DATE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 0.20
PROJECT NUMBER PD11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.35

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PHASE	REVIEW	ORIGINATOR (RP)	DATE	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
SIGNATURE:					CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE	REMARK INCORPORATION	(Blue Highlighter)	DATE
					CHANGE INCORPORATION	(Yellow HighLighter)	DATE	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

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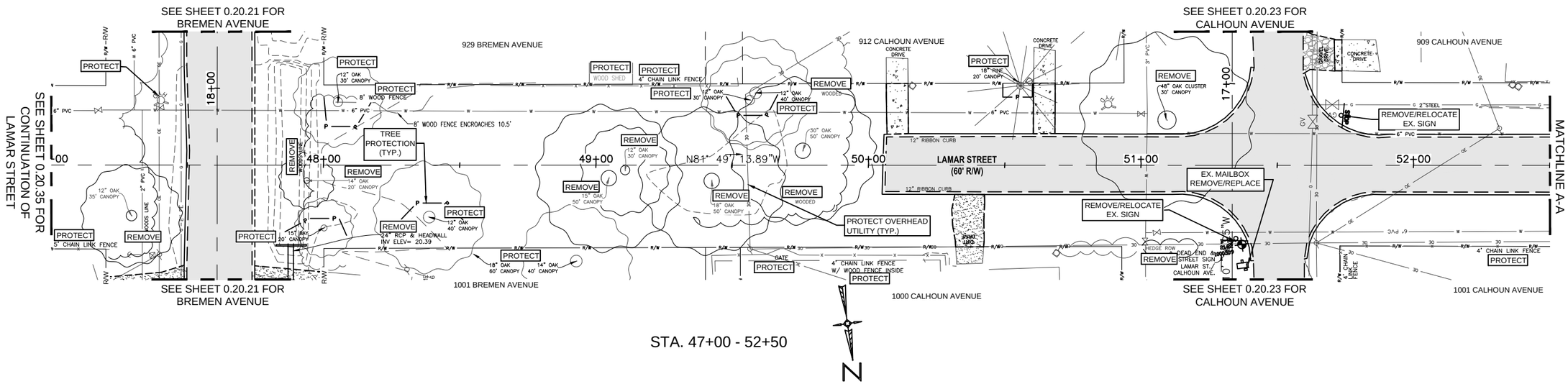
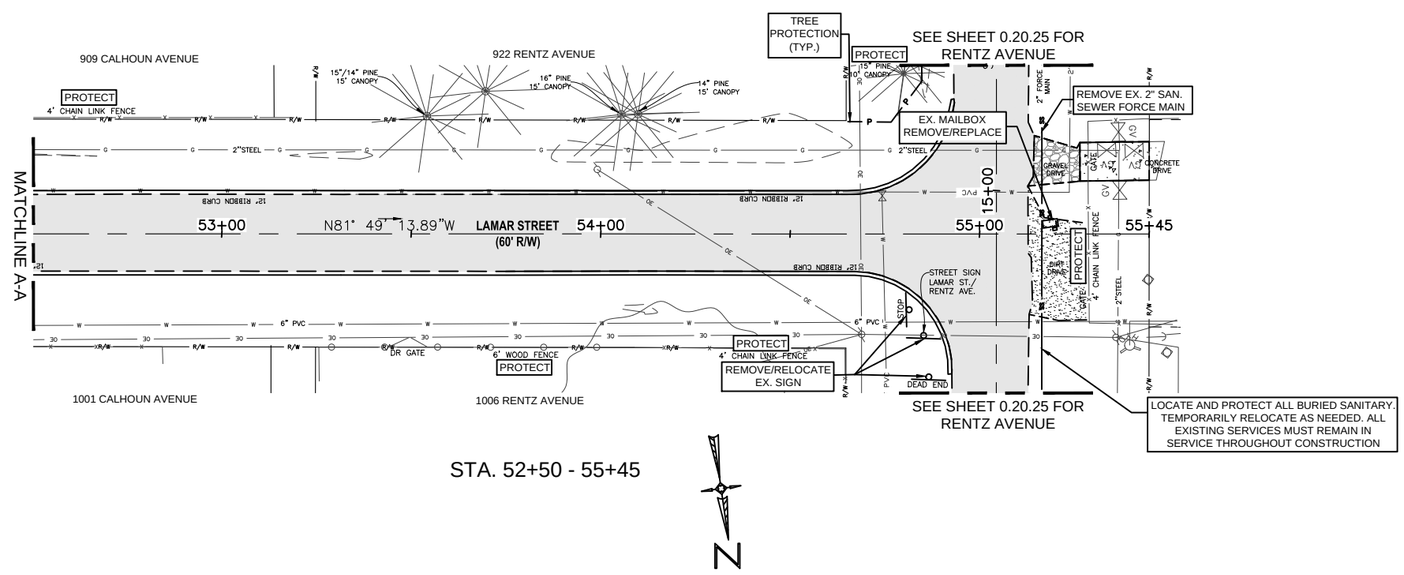
SCALE IN FEET 0' 10' 20' 40'





DEMOLITION PLANS
PHASE II
LAMAR STREET (60' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2022	CHECKED BY: GPH
FIELD BOOK/ PAGES: TC30 / 1-35	REG. FLA. ENG. NO.: 43970
PROJECT MANAGER: CHRIS A. CLER	DISTRICT: 2
SECTION / TOWNSHIP / RANGE: 35 / 25 / 31W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 0.20
PROJECT NUMBER PD11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.36

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PHASE REVIEW	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE
ORIGINATOR (RP)	DATE	REMARK INCORPORATION (Blue Highlighter)	DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
SIGNATURE:			

ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
CHANGE INCORPORATION	(Yellow HighLighter)

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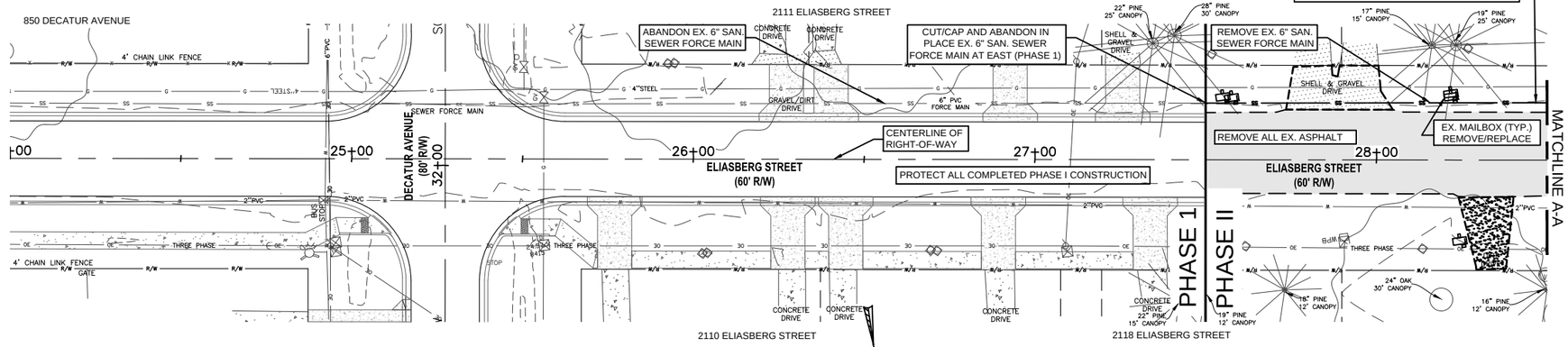
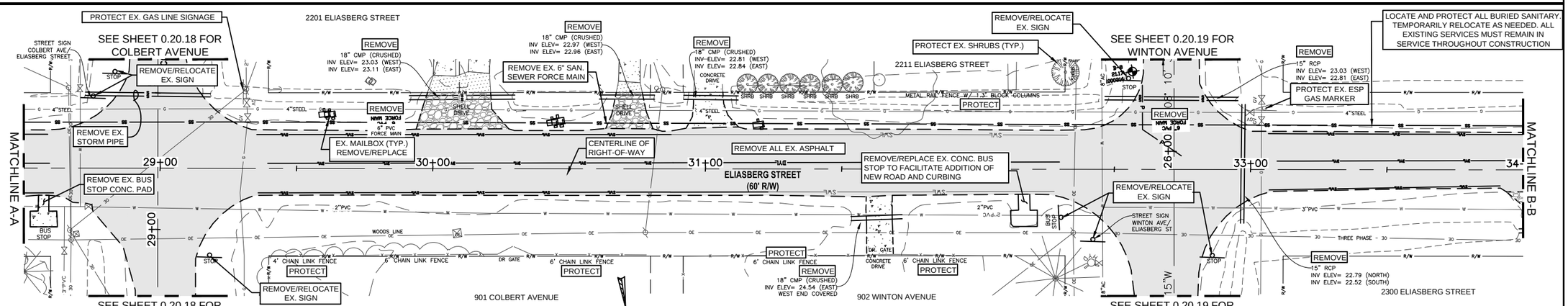
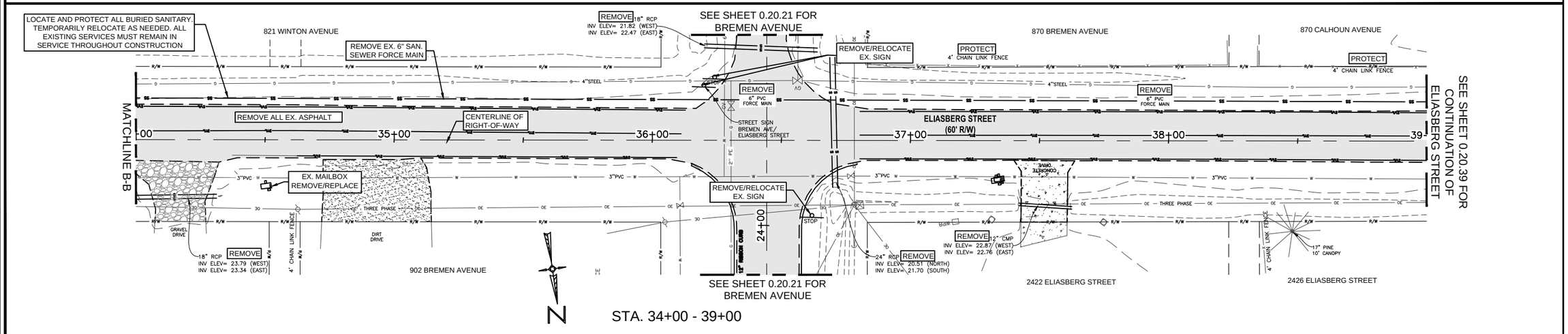
SCALE IN FEET



STA. 24+00 - 28+50



STA. 28+50 - 34+00



STA. 34+00 - 39+00

DEMOLITION PLANS
PHASE II
ELIASBERG STREET (60' RW)

ESCAMBIA COUNTY · FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CPHTAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CLUBB
DISTRICT: 1	SIGNATURE:
FIELD BOOK/ PAGES: TC30 / 1-35	SECTION/ TOWNSHIP/ RANGE: 35 / 2S / 31W

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 0.20
PROJECT NUMBER PD11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.38

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans – PH II.dwg, May 25, 2023 – 9:56:51AM, gpotter

PHASE	REVIEW	ORIGINATOR (RP)	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE
		CHECKER (RP)	DATE
		ORIGINATOR (GR)	DATE
		VERIFICATION, CHECKER (GR)	DATE
		REMARK INCORPORATION	DATE
		ORIGINATOR VERIFICATION	DATE

CHANGE INCORPORATION (Yellow Highlighter) | (Red Pen X-Out to Discarded or Remark) | Correct (Green Highlighter) Change (Red Pen) | (Blue Highlighter) | Correct (Pink Highlighter)

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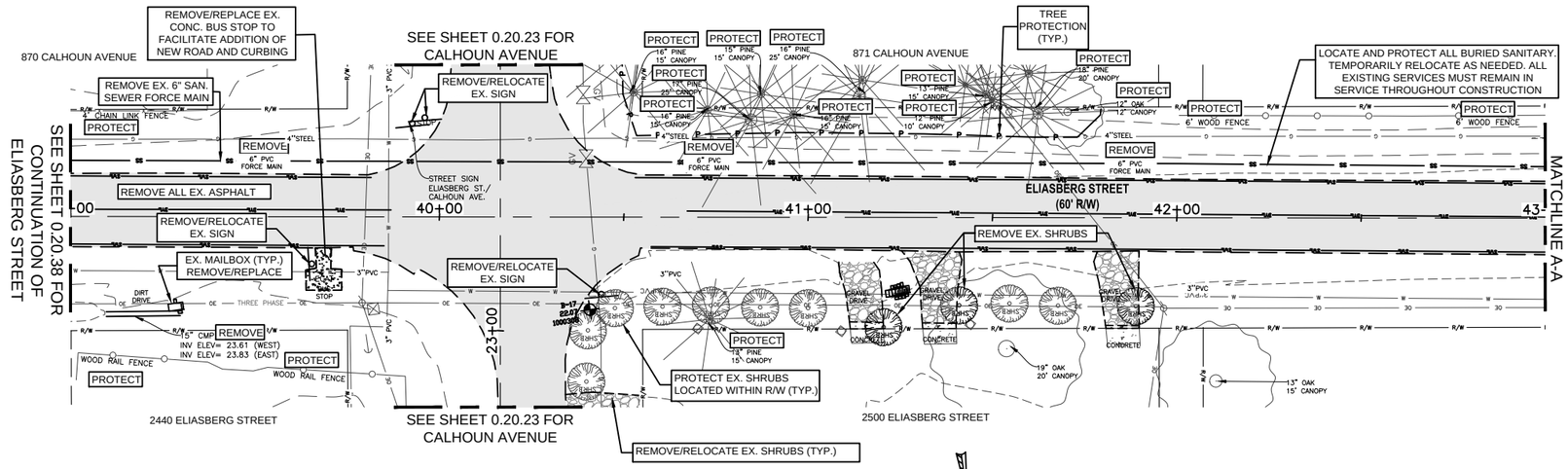
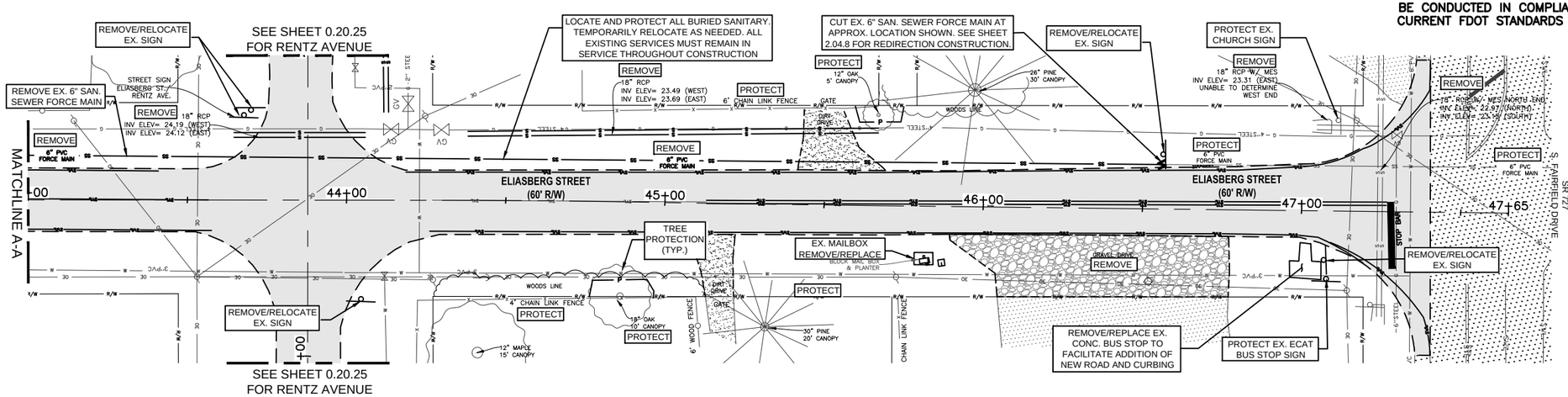
0' 10' 20' 40'
SCALE IN FEET



ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS.



DEMOLITION PLANS
PHASE II
ELIASBERG STREET (60' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWING NUMBER	0.20
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	0.20.39

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PHASE____ REVIEW
SIGNATURE:

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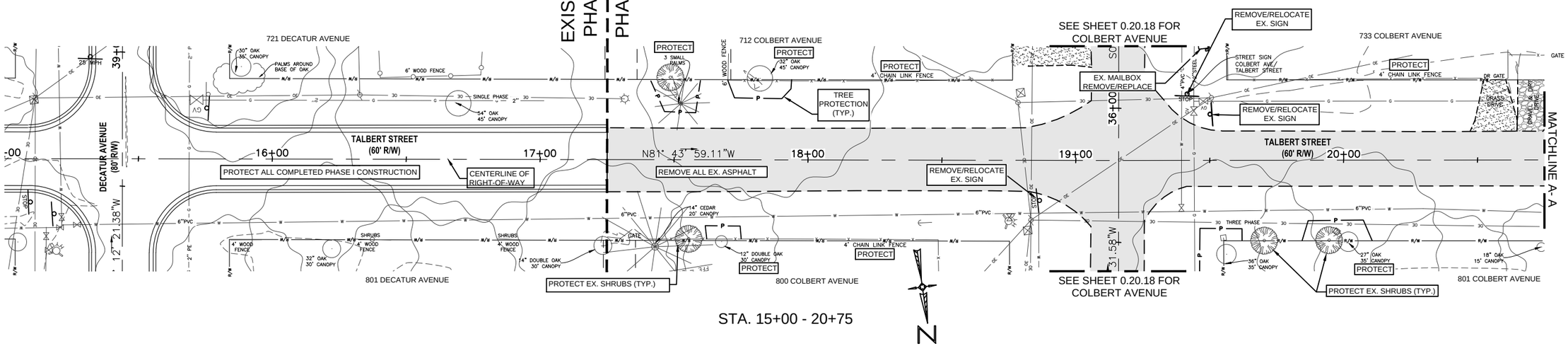
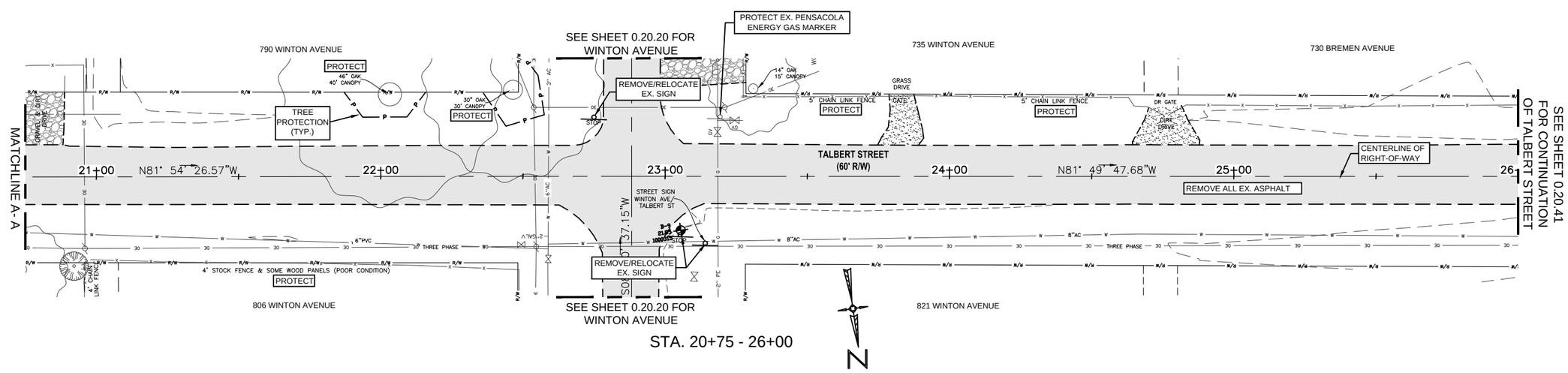
SCALE IN FEET 0' 10' 20' 40'





DEMOLITION PLANS
PHASE II
TALBERT STREET (60' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLER
DISTRICT: 2	SIGNATURE:
FIELD BOOK/ PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2S / 31W

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 0.20
PROJECT NUMBER PD11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.40

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans – PH II.dwg, May 25, 2023 – 9:58:17AM, gpotter

PHASE	REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:				ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE
			CHANGE INCORPORATION	(Yellow HighLighter)	DATE

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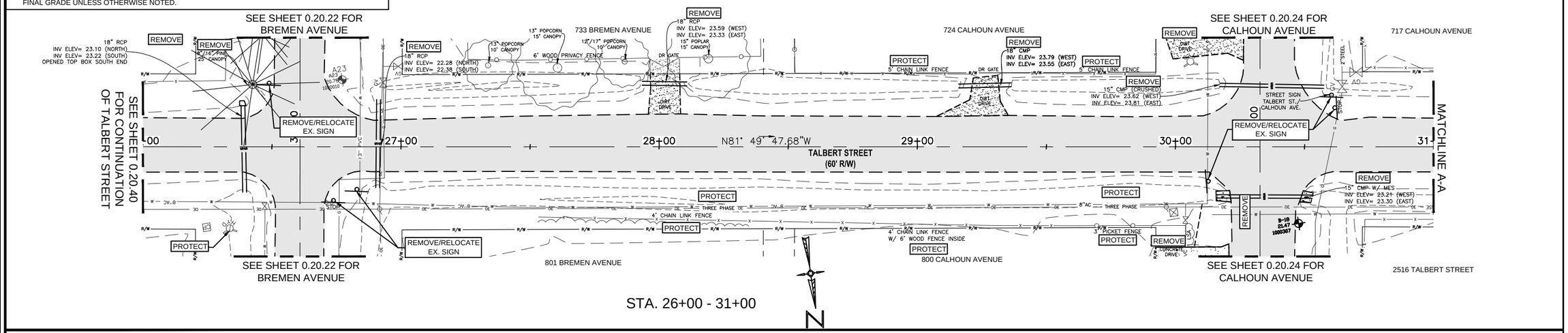
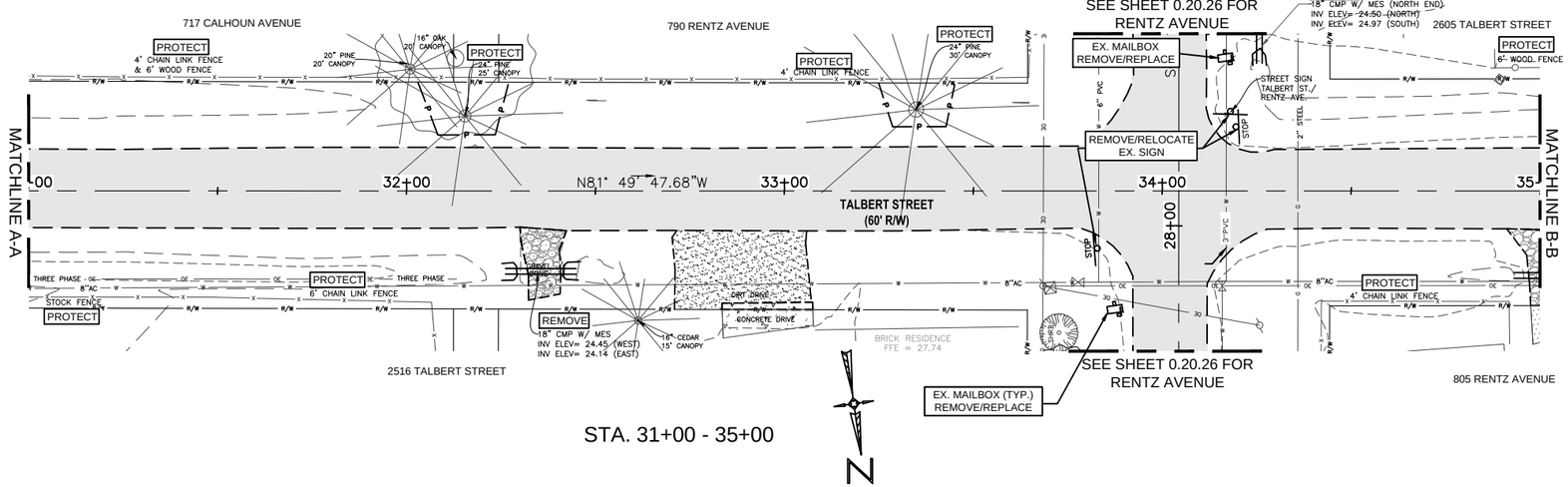
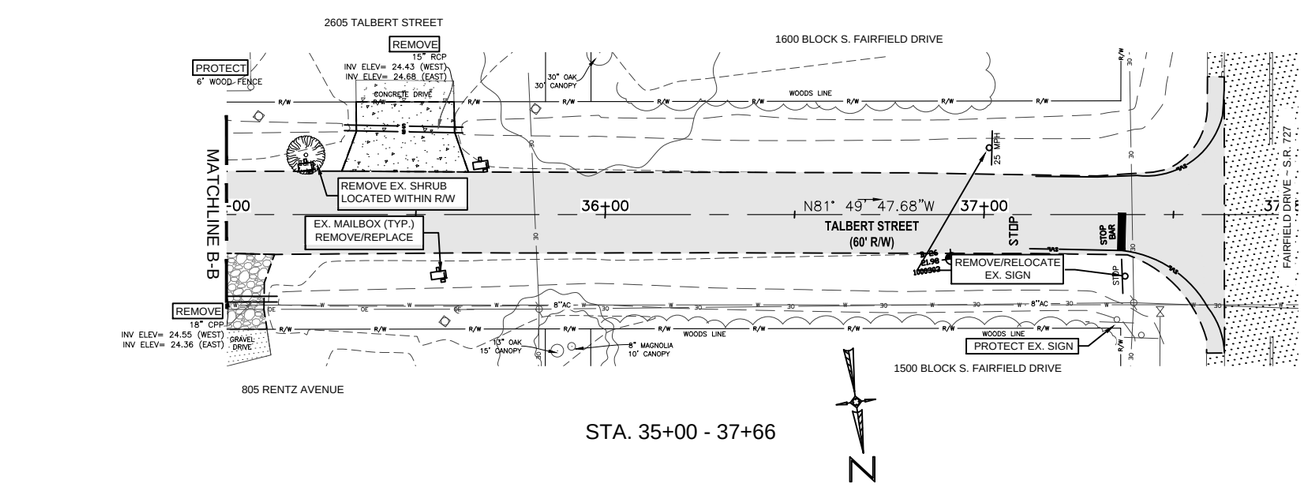
SCALE IN FEET 0' 10' 20' 40'







ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS.

DEMOLITION PLANS
PHASE II
TALBERT STREET (60' RW)

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CPHTAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. COLBY
FIELD BOOK / PAGES: TC30 / 1-35	DISTRICT: 2
	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W
	REG. FLA. ENG. NO. 43970
	CHECKED BY: GPH
	SIGNATURE:
	DATE:

NUMBER	REVISIONS	DATE	APPROVED BY

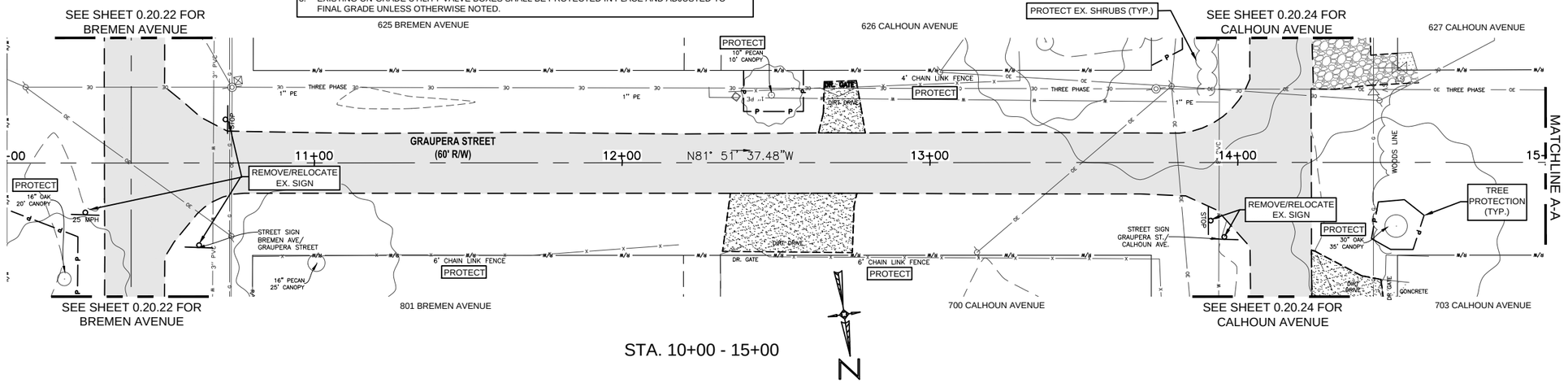
DRAWING NUMBER 0.20
PROJECT NUMBER PD11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.41

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans - PH II.dwg, May 25, 2023 - 9:59:44AM, gpotter

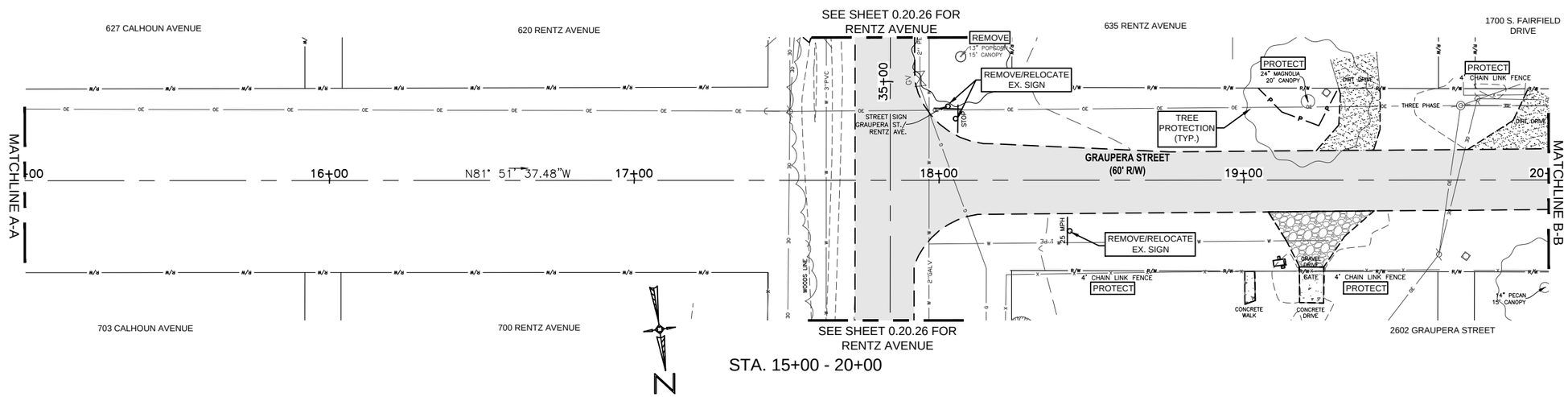
PHASE	REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	REMARK INCORPORATION	(Blue Highlighter)
SIGNATURE:		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)		ORIGINATOR VERIFICATION	Correct (Pink Highlighter)
		CHANGE INCORPORATION	(Yellow HighLighter)			

NOTES FOR ALL DEMOLITION SHEETS:
1. ALL EXISTING DRIVEWAYS ARE TO BE REMOVED TO THE RIGHT-OF-WAY UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING UTILITIES UNLESS OTHERWISE STATED.
3. EXISTING ON-GRADE UTILITY VALVE BOXES SHALL BE PROTECTED IN PLACE AND ADJUSTED TO FINAL GRADE UNLESS OTHERWISE NOTED.

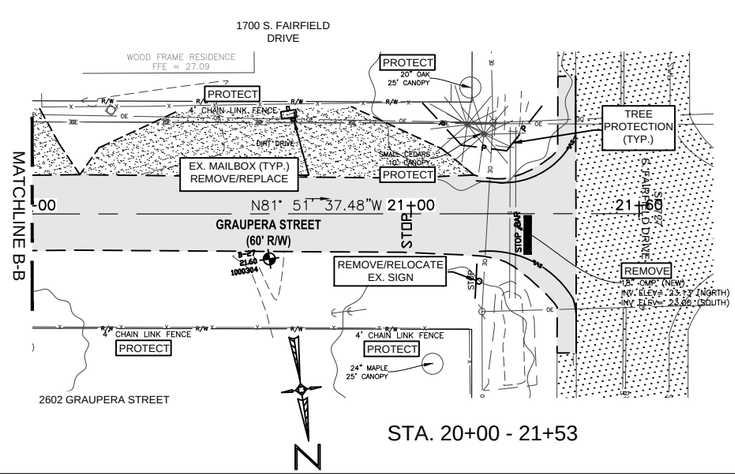
SCALE IN FEET 0' 10' 20' 40'



STA. 10+00 - 15+00



STA. 15+00 - 20+00



STA. 20+00 - 21+53

ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS.

DEMOLITION PLANS
PHASE II
GRAUPERA STREET (60' RW)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DESIGNED BY: CPH	CHECKED BY: CPH
PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 1
DRAWN BY: CPH/TAH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	SIGNATURE:
FIELD BOOK/PAGES: TC30 / 1-35	SECTION/TOWNSHIP/RANGE: 35 / 2S / 31W

NUMBER	REVISIONS	DATE	APPROVED BY

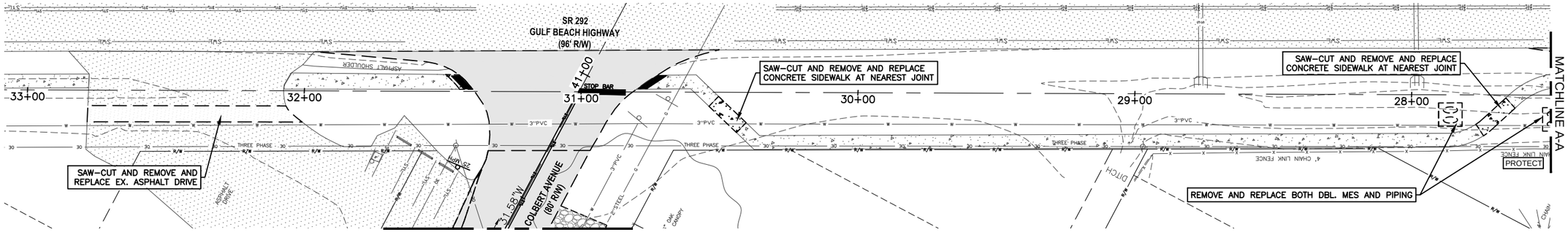
DRAWING NUMBER 0.20
PROJECT NUMBER PD11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 0.20.42

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\0.20 Demolition Plans – PH II.dwg, May 25, 2023 – 10:00:48AM, gpotter

PHASE	REVIEW	ORIGINATOR (RP)	DATE	CHECKER (RP)	DATE	ORIGINATOR (GR)	DATE	VERIFICATION, CHECKER (GR)	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHANGE INCORPORATION (Yellow HighLighter)		Correct (Green Highlighter) Change (Red Pen)		REMARK INCORPORATION (Blue Highlighter)	
						(Red Pen X-Out to Disagree or Remark)		ORIGINATOR VERIFICATION Correct (Pink Highlighter)	

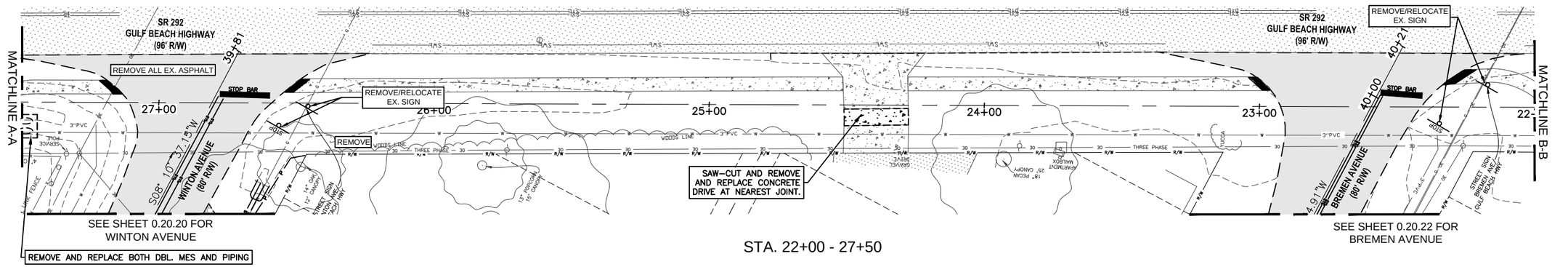
NOTES FOR ALL DEMOLITION SHEETS:
1. ALL EXISTING DRIVEWAYS ARE TO BE REMOVED TO THE RIGHT-OF-WAY UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING UTILITIES UNLESS OTHERWISE STATED.
3. EXISTING ON-GRADE UTILITY VALVE BOXES SHALL BE PROTECTED IN PLACE AND ADJUSTED TO FINAL GRADE UNLESS OTHERWISE NOTED.

SCALE IN FEET 0' 10' 20' 40'



SEE SHEET 0.20.18 FOR COLBERT AVENUE

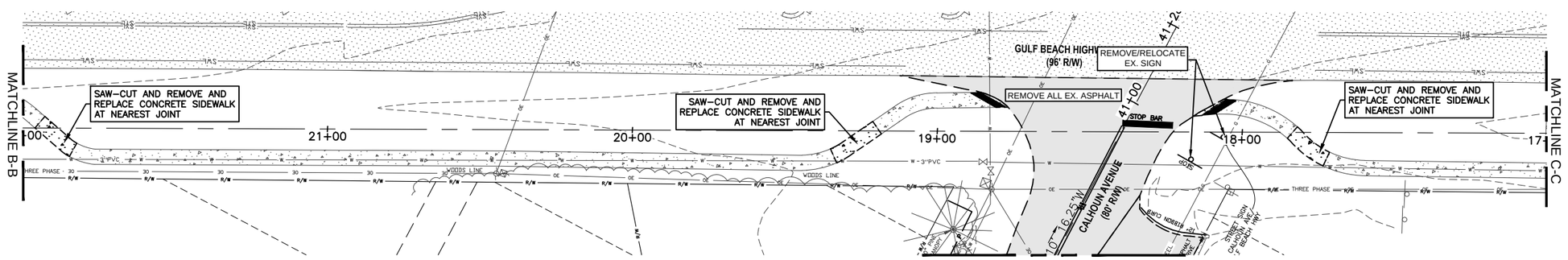
STA. 27+50 - 33+00



SEE SHEET 0.20.20 FOR WINTON AVENUE

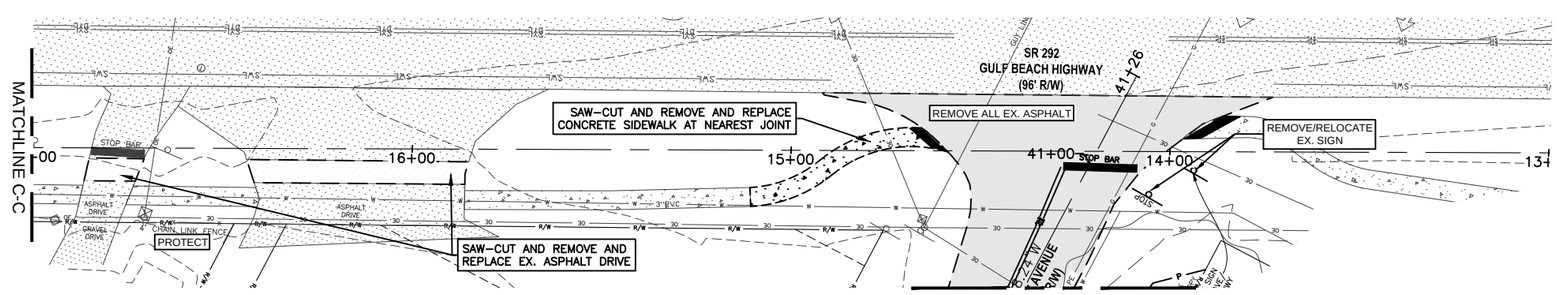
SEE SHEET 0.20.22 FOR BREMEN AVENUE

STA. 22+00 - 27+50



SEE SHEET 0.20.24 FOR CALHOUN AVENUE

STA. 17+00 - 22+00



SEE SHEET 0.20.26 FOR RENTZ AVENUE

STA. 13+00- 17+00

DEMOLITION PLANS
PHASE II
GULF BEACH HIGHWAY (96' RW)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	CHECKED BY: GPH
FIELD BOOK / PAGES: TC30 / 1-35	PROJECT MANAGER: CHRIS A. CURB
SECTION / TOWNSHIP / RANGE 35 / 2S / 31W	DISTRICT: 2
REG. FLA. ENG. NO. 43970	SIGNATURE:
DATE:	

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	0.20
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	0.20.43

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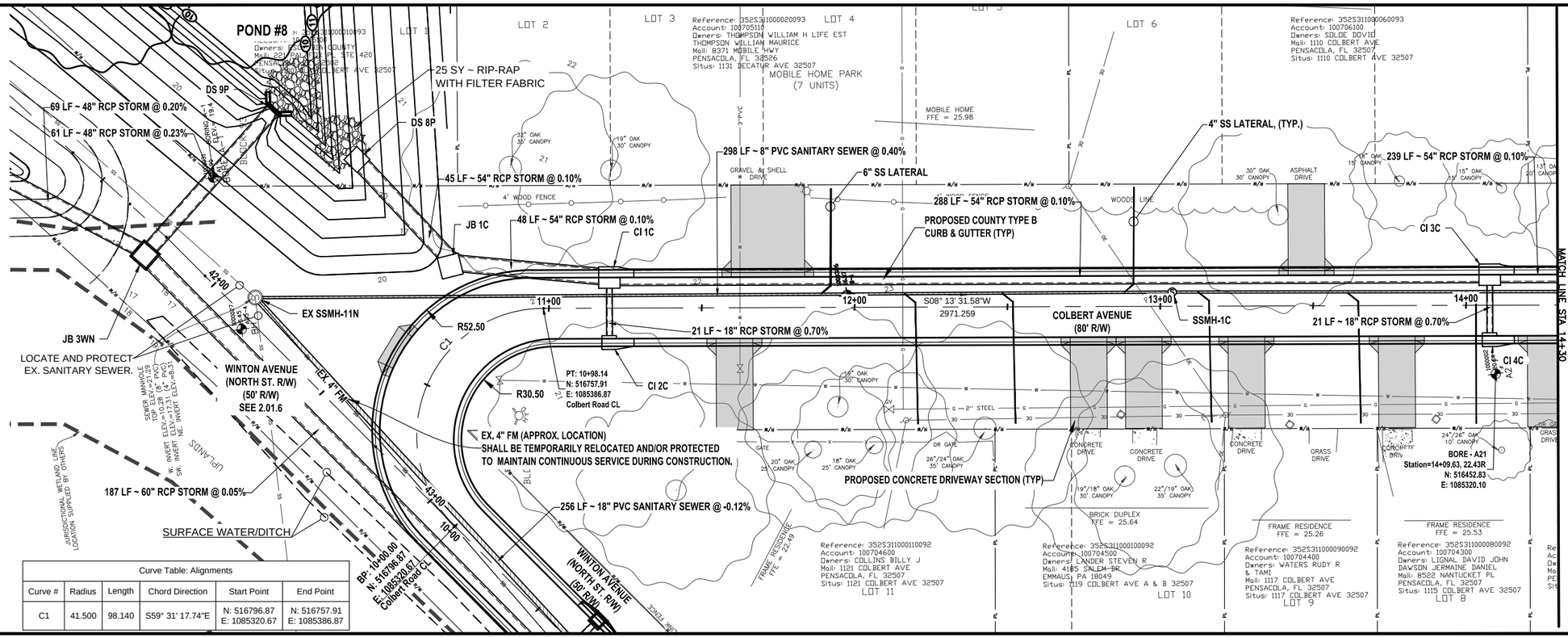
PHASE	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
REVIEW	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

	ORIGINATOR (GR)	Correct (Green Highlighter)	Change (Red Pen)	DATE
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)		DATE
	CHANGE INCORPORATION	(Yellow HighLighter)		DATE



Curve Table: Alignments					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
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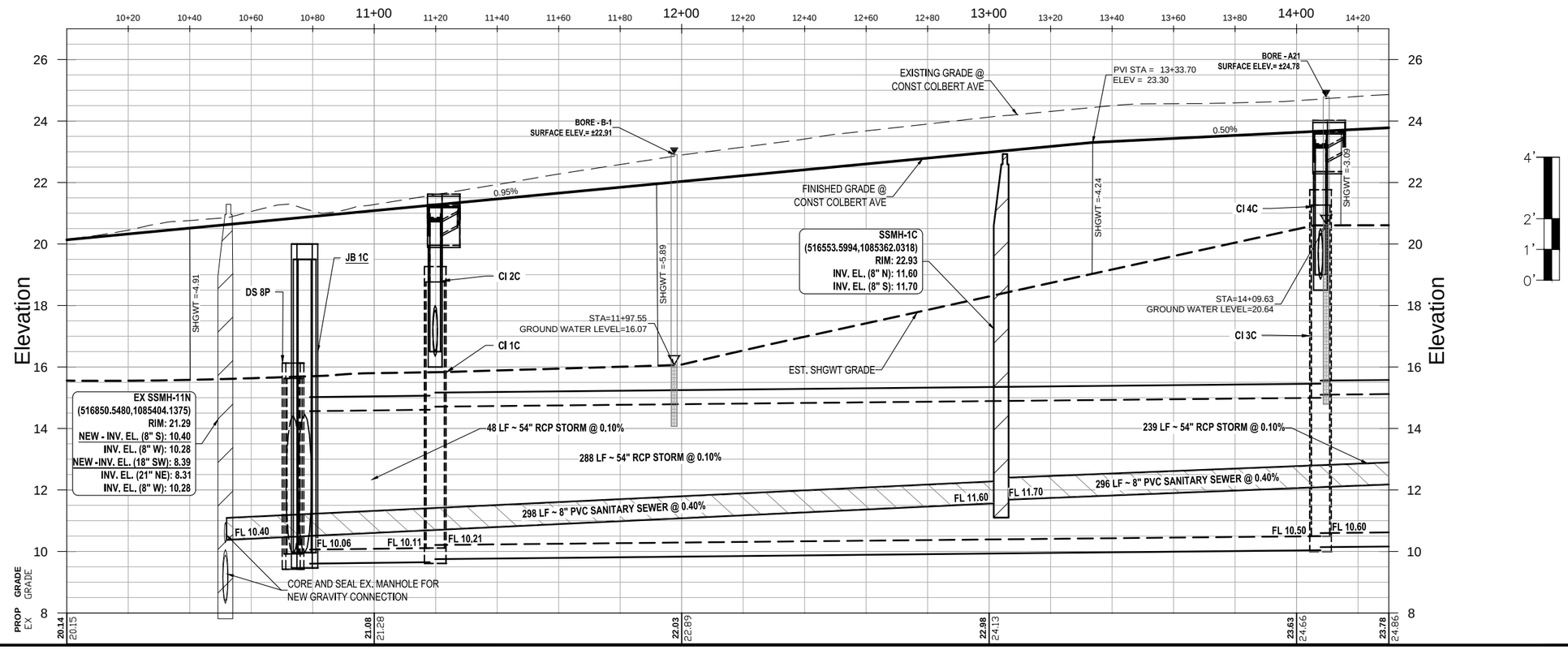


COLBERT AVENUE
PLAN AND PROFILE SHEET
STA. 10+00 TO STA. 14+30

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

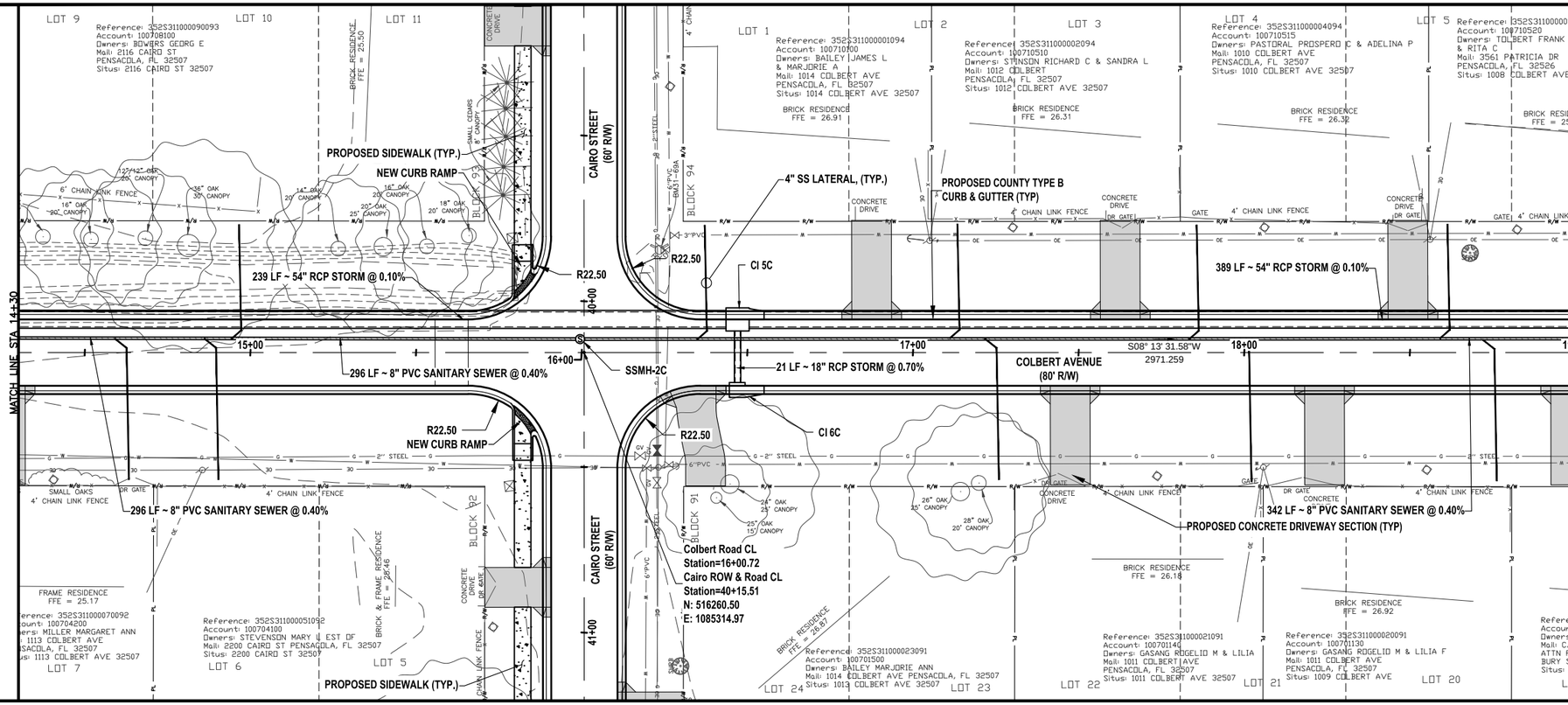
DRAWN BY: GPH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK/PAGES: TC20/1-35	SECTION/TOWNSHIP/RANGE: 35 / 2S / 31W		SIGNATURE:

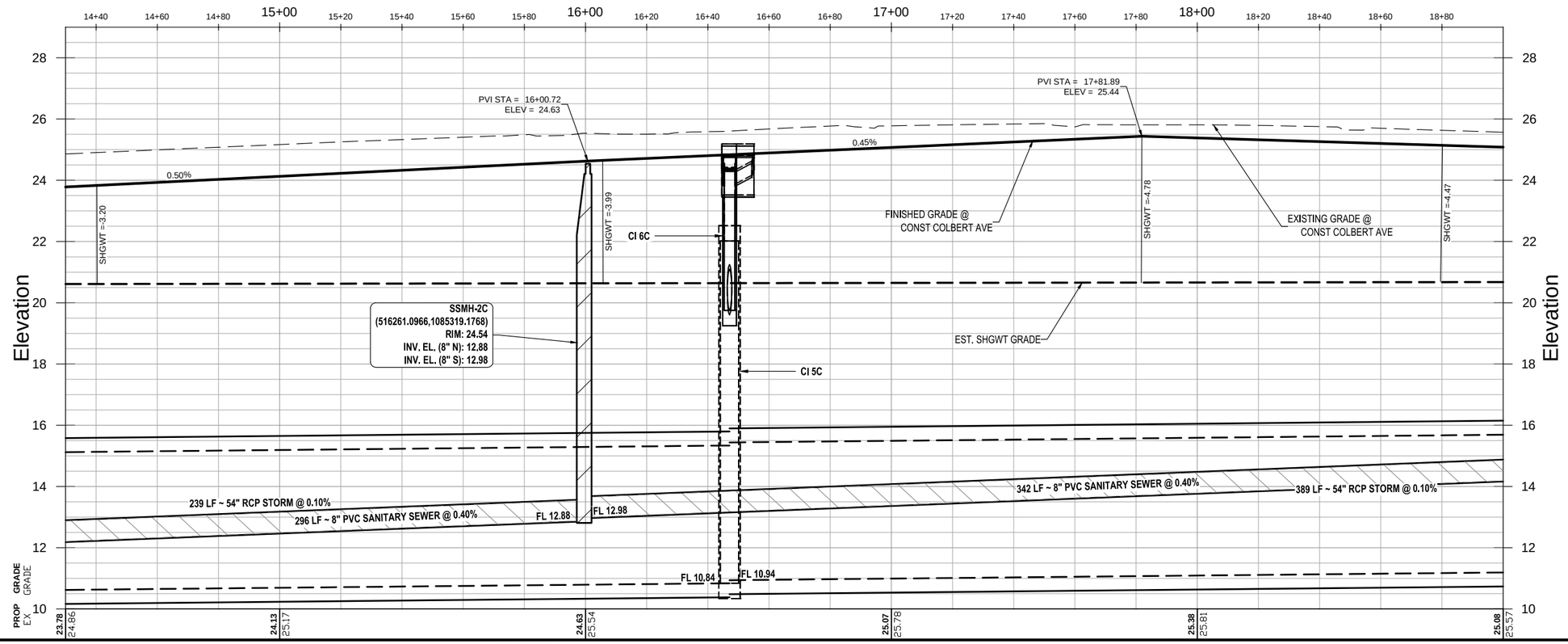
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.09
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.09.1

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE I\1.09 Colbert AvenuePP - PH II.dwg, May 25, 2023 - 10:03:54AM, gpotter

PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
				CHANGE INCORPORATION	(Yellow Highlighter)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE





COLBERT AVENUE
PLAN AND PROFILE SHEET
STA. 14+30 TO STA. 19+00

ESCAMBIA COUNTY • WORK TOGETHER

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPHTAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 2	SIGNATURE:
TITLE BLOCK / PAGES: TC30 1-35	SECTION / TOWNSHIP / RANGE 35 / 2S / 31W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.09
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.09.2

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)
			CHANGE INCORPORATION (Yellow Highlighter)

VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE	
REMARK INCORPORATION	(Blue Highlighter)	DATE	
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE	

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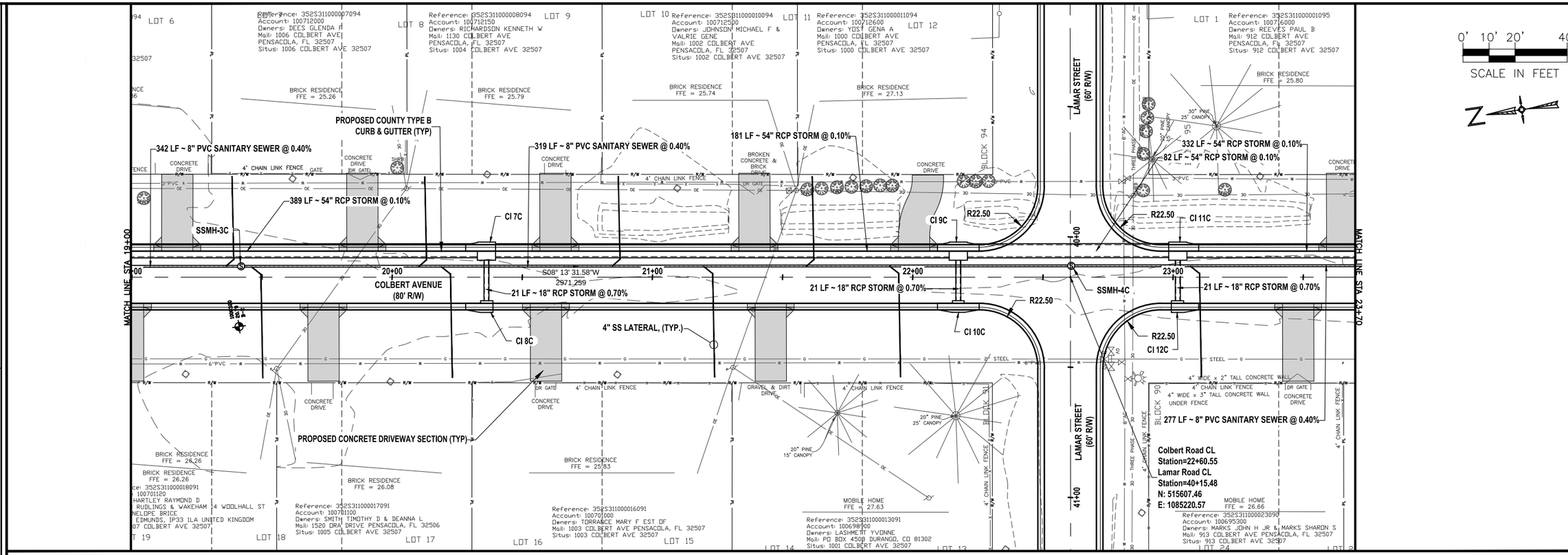

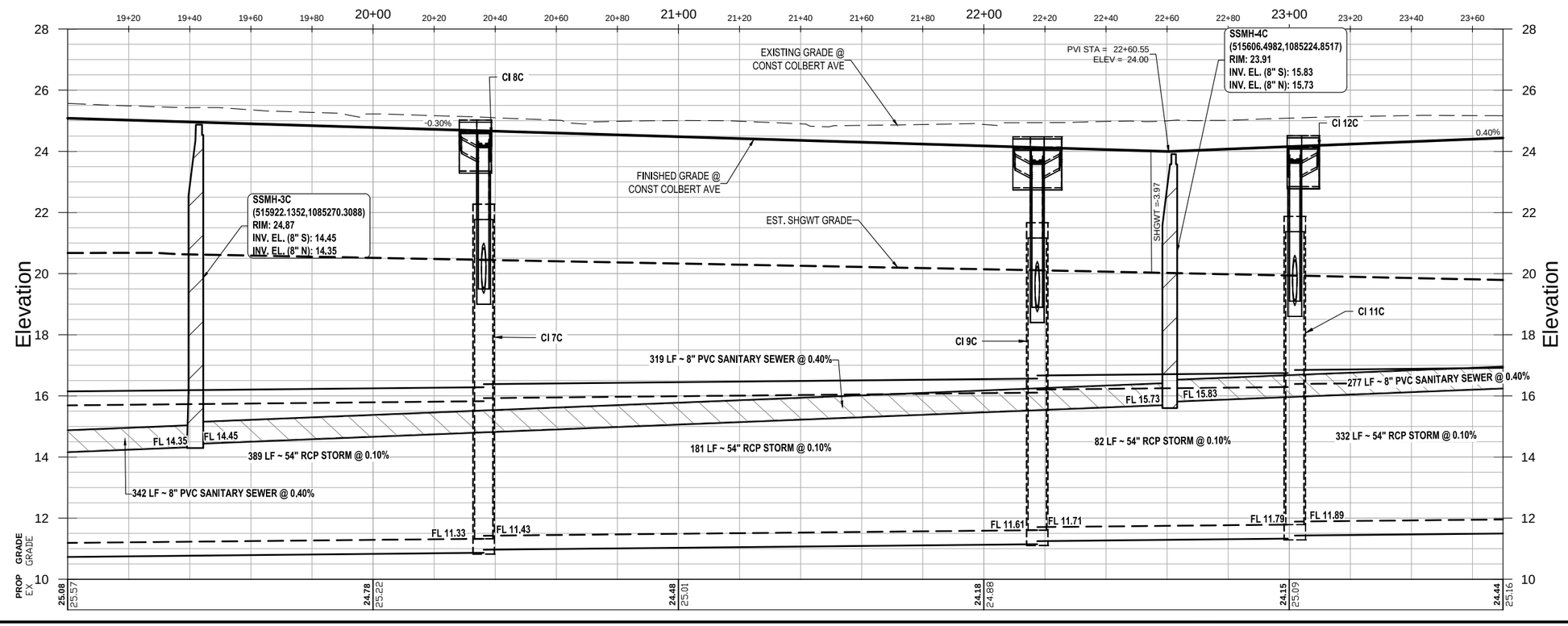

COLBERT AVENUE
PLAN AND PROFILE SHEET
STA. 19+00 TO STA. 23+70

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. GERB	DISTRICT: 2	DATE:
FIELD BOOK / PAGES: TC30 / 35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.09
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.09.3

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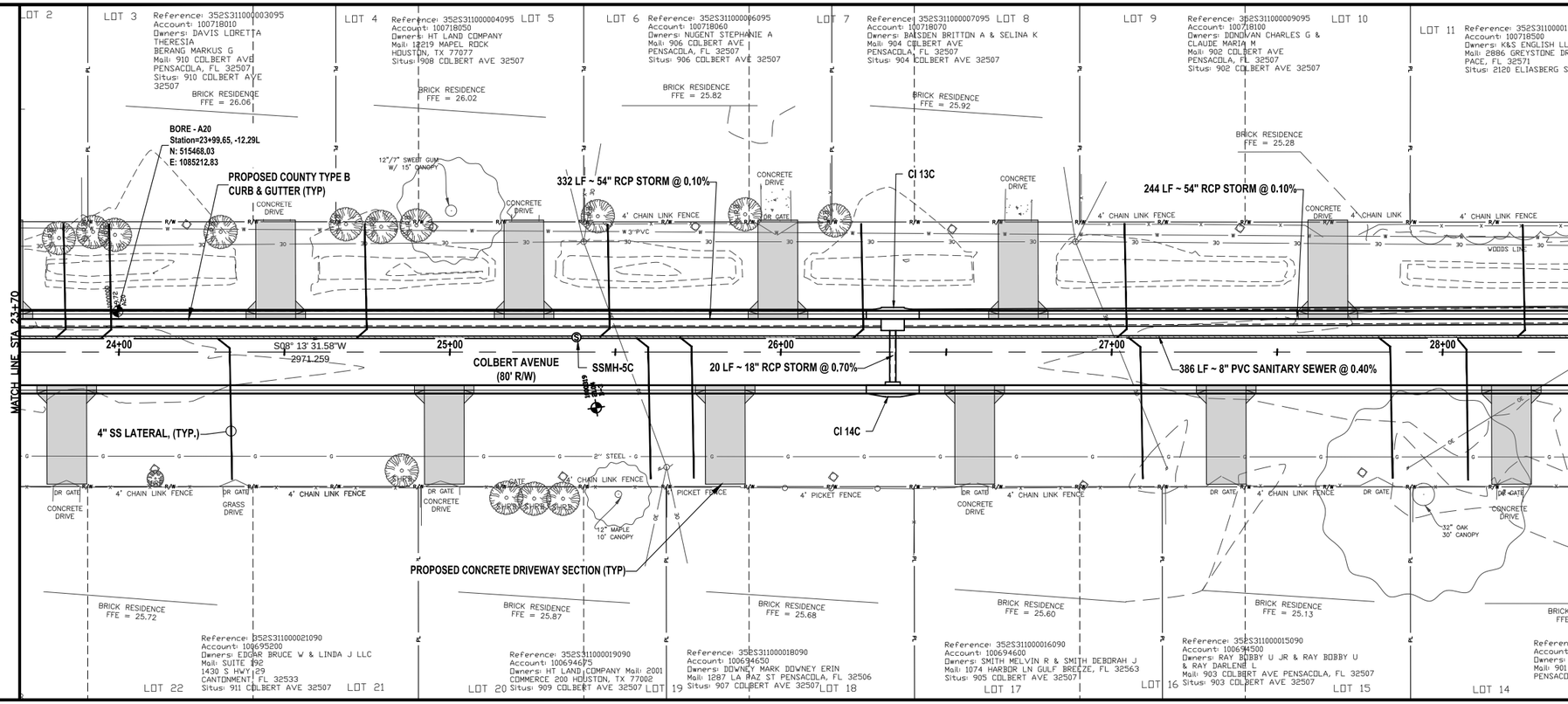
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	

ORIGINATOR (RP)	Correct (Green Highlighter) Change (Red Pen)	
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	
CHANGE INCORPORATION	(Yellow Highlighter)	

VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE
REMARK INCORPORATION	(Blue Highlighter)	DATE
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE



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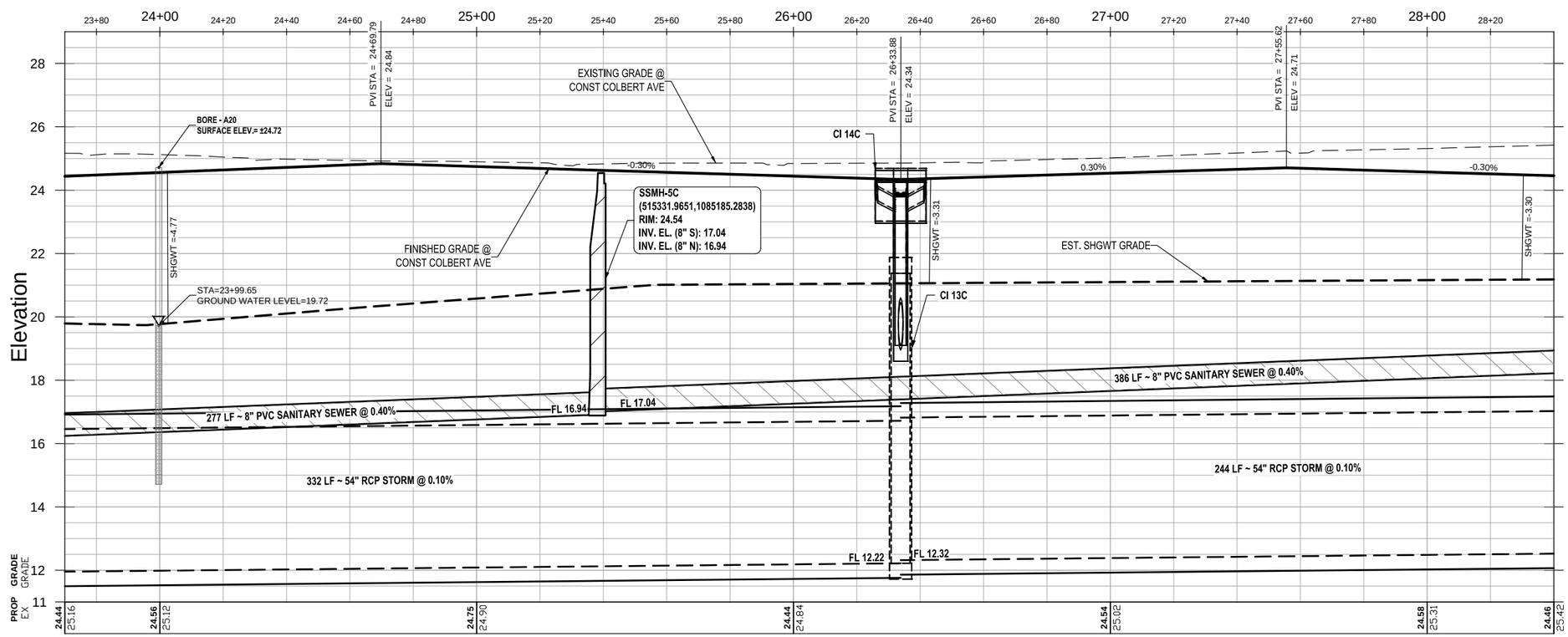
SCALE IN FEET



4'
2'
1'
0'

COLBERT AVENUE
PLAN AND PROFILE SHEET
STA. 23+70 TO STA. 28+40

ESCAMBIA COUNTY • WORK TOGETHER •

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
TOTAL SHEETS: 1	TOTAL PAGES: TC30 1-35	SECTION / TOWNSHIP / RANGE 35 / 2S / 31W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	1.09
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	1.09.4

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.09 Colbert AvenuePP - PH II.dwg, May 25, 2023 - 10:05:26AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
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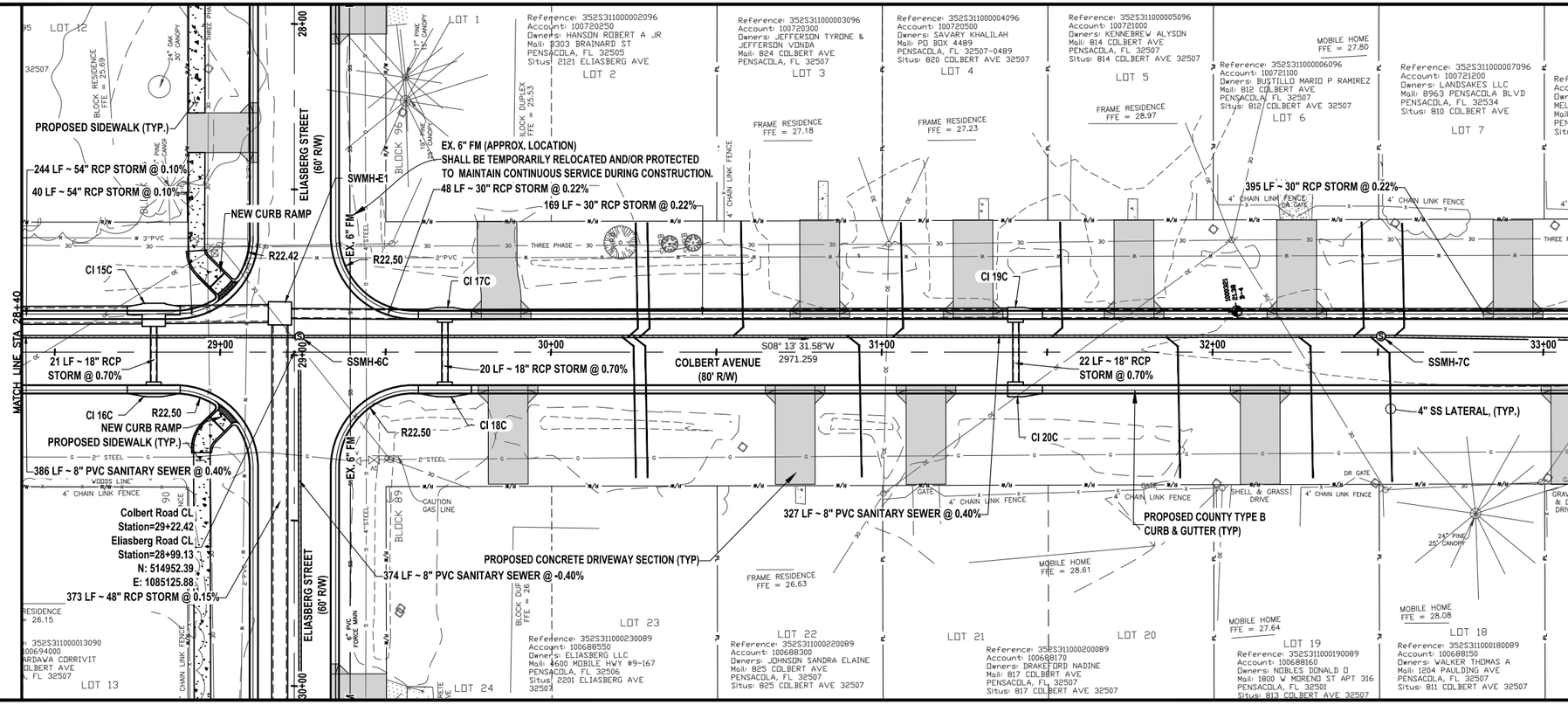

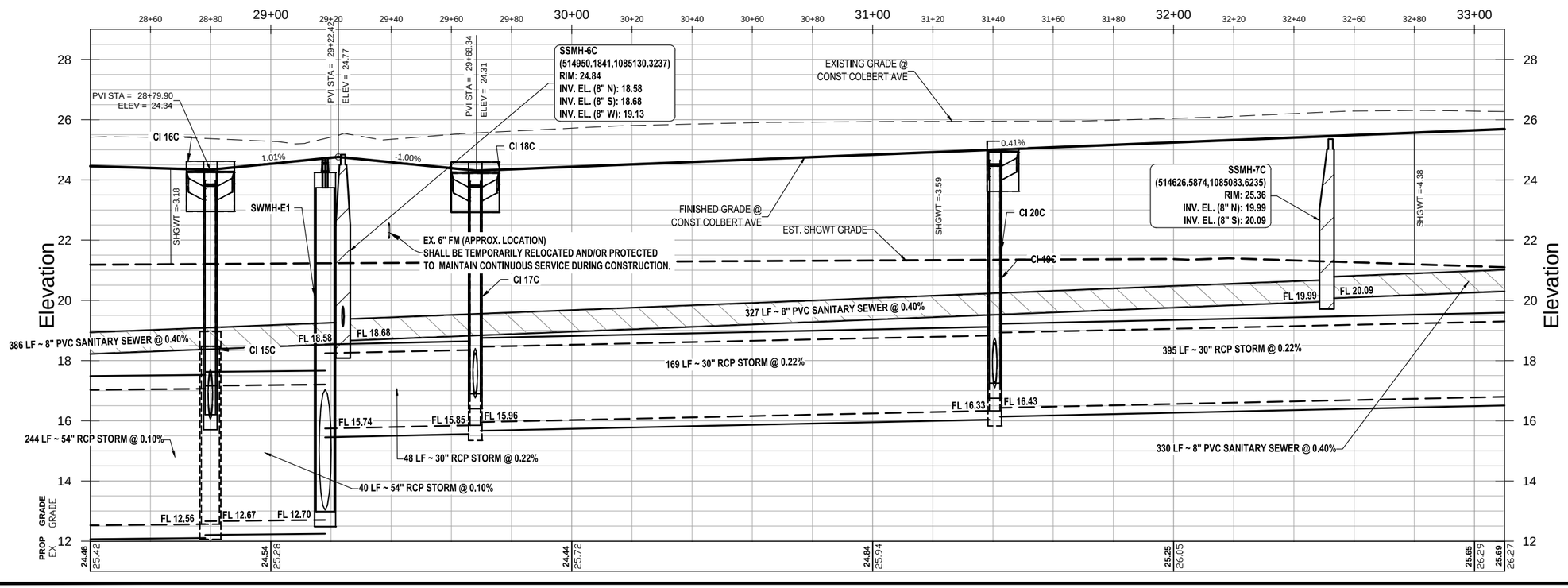

0' 10' 20' 40'
SCALE IN FEET

COLBERT AVENUE
PLAN AND PROFILE SHEET
STA. 28+40 TO STA. 33+10

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CPH/TAH	DESIGNED BY: CPH
DATE: MAY 2, 2023	PROJECT MANAGER: CHRIS A. COLBY
FIELD BOOK/PAGES: TC30/1-35	SECTION/TOWNSHIP/RANGE: 35 / 2S / 31W
CHECKED BY: CPH	DISTRICT: 1
REG. FLA. ENG. NO. 43970	DATE:
SIGNATURE:	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.09
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.09.5

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PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen 1-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
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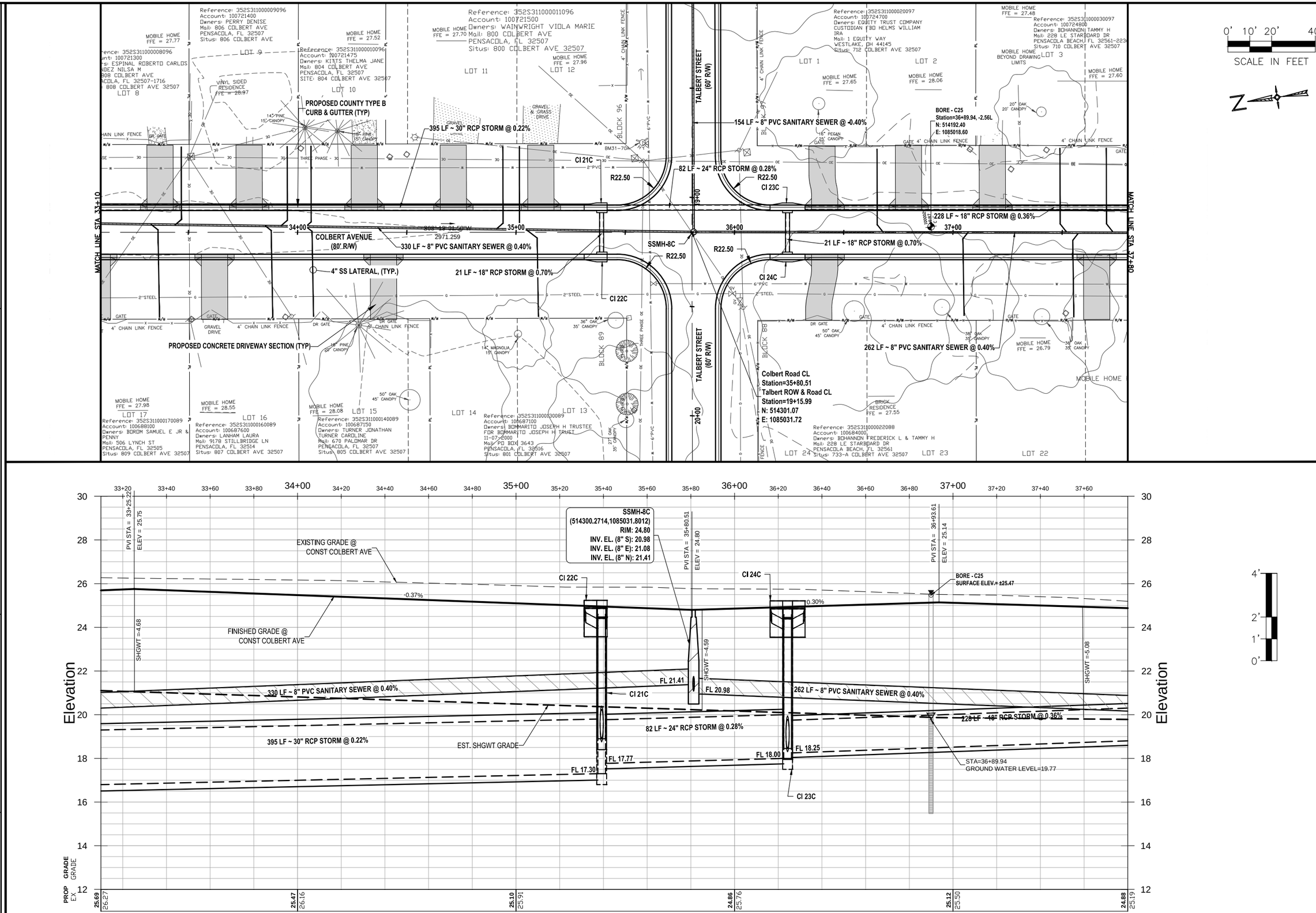


COLBERT AVENUE
PLAN AND PROFILE SHEET
STA. 33+10 TO STA. 37+80

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

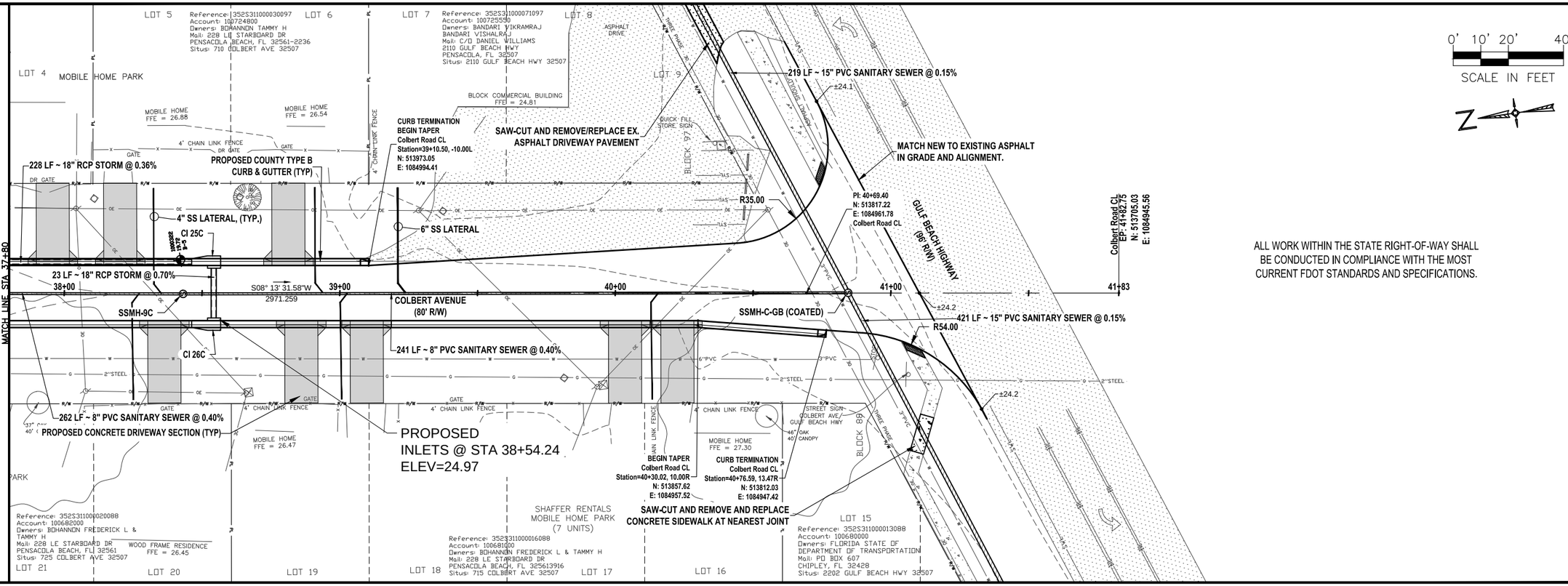
DRAWN BY:	GPH/TAH
DATE:	MAY 2023
DESIGNED BY:	GPH
PROJECT MANAGER:	CHRIS A. CLEM
CHECKED BY:	GPH
DISTRICT:	2
SECTION / TOWNSHIP / RANGE	35 / 25 / 31W
TIELD BOOK / PAGES:	TC30 1-35
REG. FLA. ENG. NO.	43970
SIGNATURE:	
DATE:	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

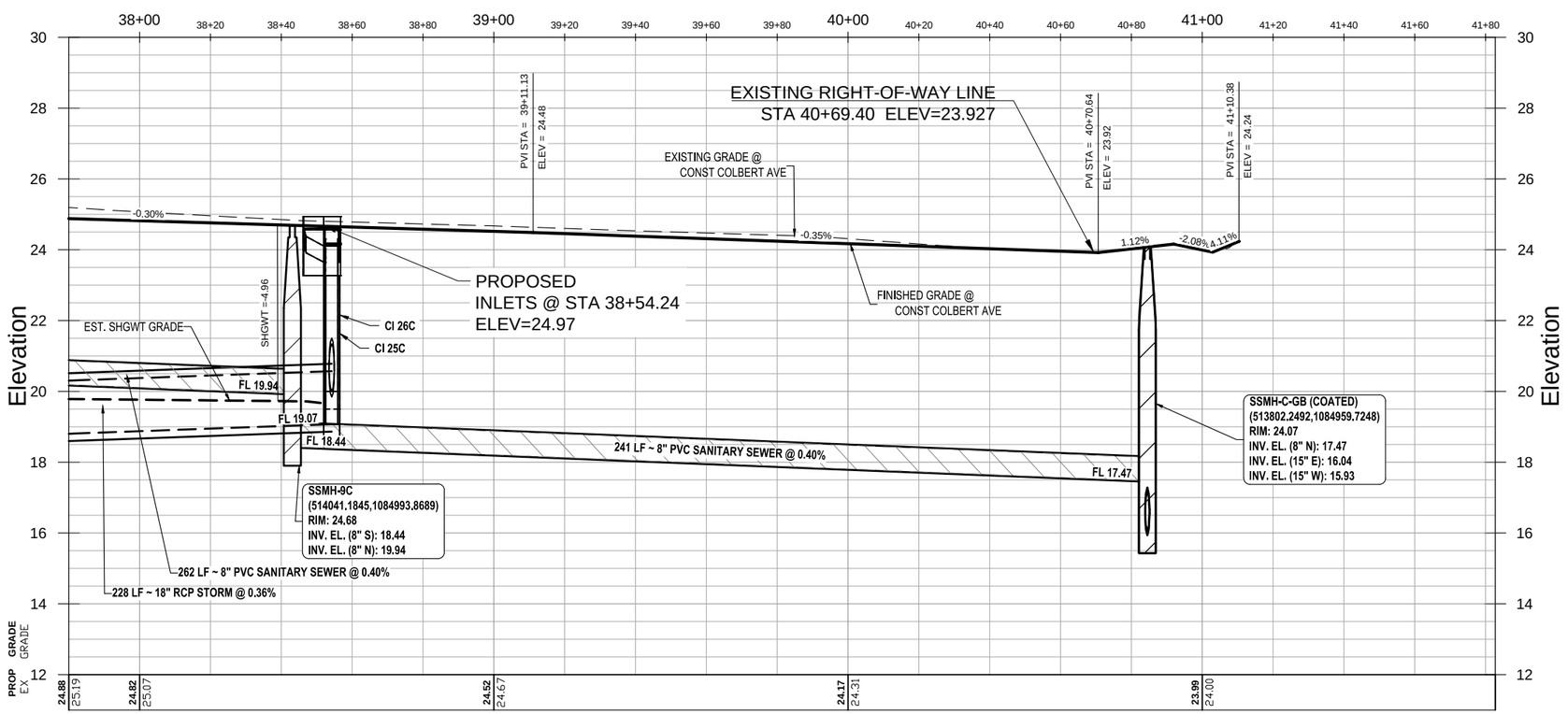
DRAWING NUMBER 1.09
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.09.6

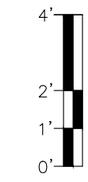
F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.09 Colbert AvenuePP - PH II.dwg, May 25, 2023 - 10:06:28AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE
SIGNATURE:	ORIGINATOR (RP)	Correct (Green Highlighter) Change (Red Pen)	DATE
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE
	CHANGE INCORPORATION	(Yellow Highlighter)	DATE
	VERIFICATION CHECKER (QR)	(Blue Highlighter)	DATE
	REMARK INCORPORATION	(Blue Highlighter)	DATE
	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE



ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS.





COLBERT AVENUE
PLAN AND PROFILE SHEET
STA. 37+80 TO STA. 40+69

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

REG. FLA. ENG. NO. 43970
DATE:
SIGNATURE:

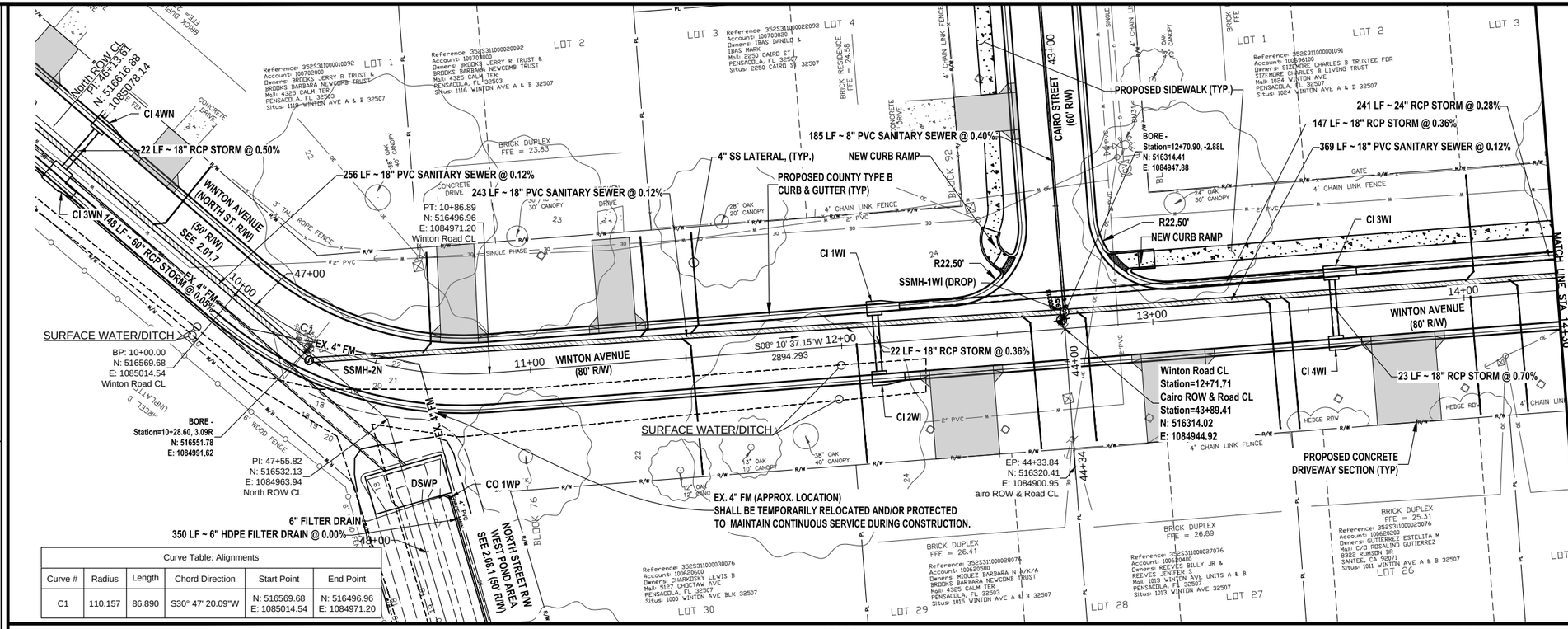
DRAWN BY: GPH/TAH
DESIGNED BY: GPH
CHECKED BY: GPH
PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 2
DATE: MAY 2023
TITLE BLOCK / PAGES: TCD01-35
SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.09
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.09.7

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.09 Colbert AvenuePP - PH II.dwg, May 25, 2023 - 10:06:57AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION CHECKER (QR) (Blue Highlighter)	DATE	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	
			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE	CHANGE INCORPORATION (Yellow Highlighter)	



Curve Table: Alignments					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
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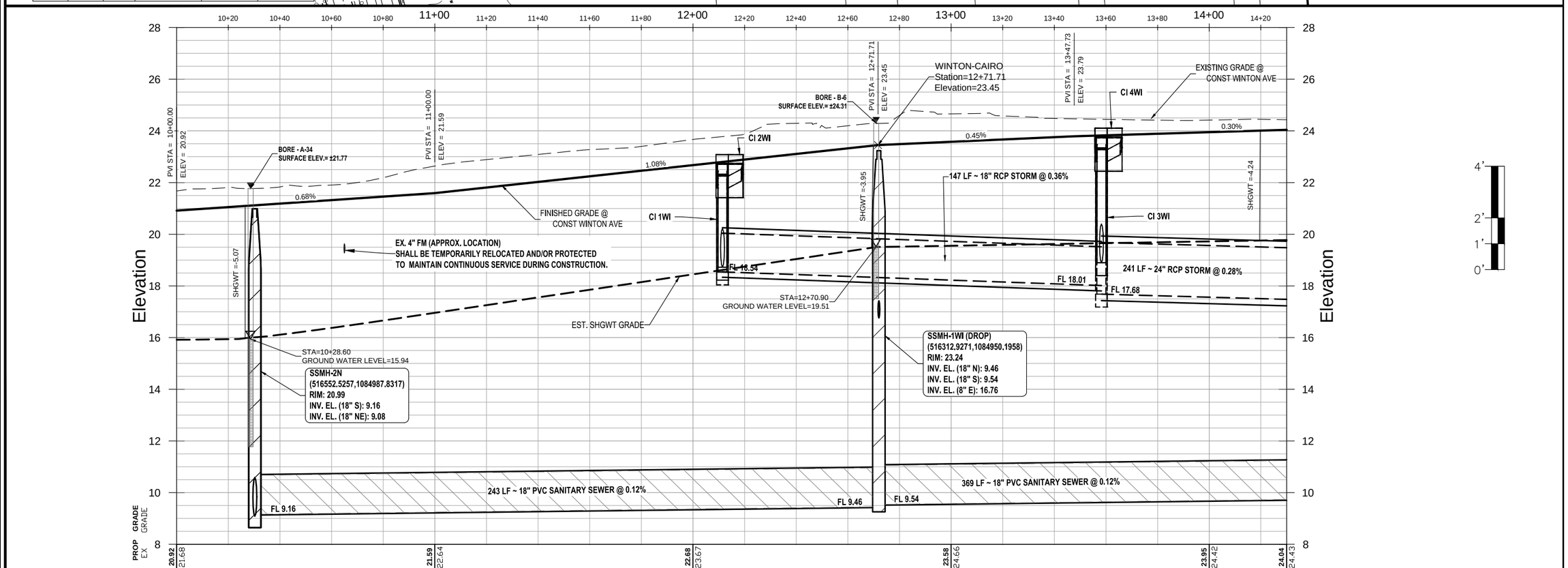


ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

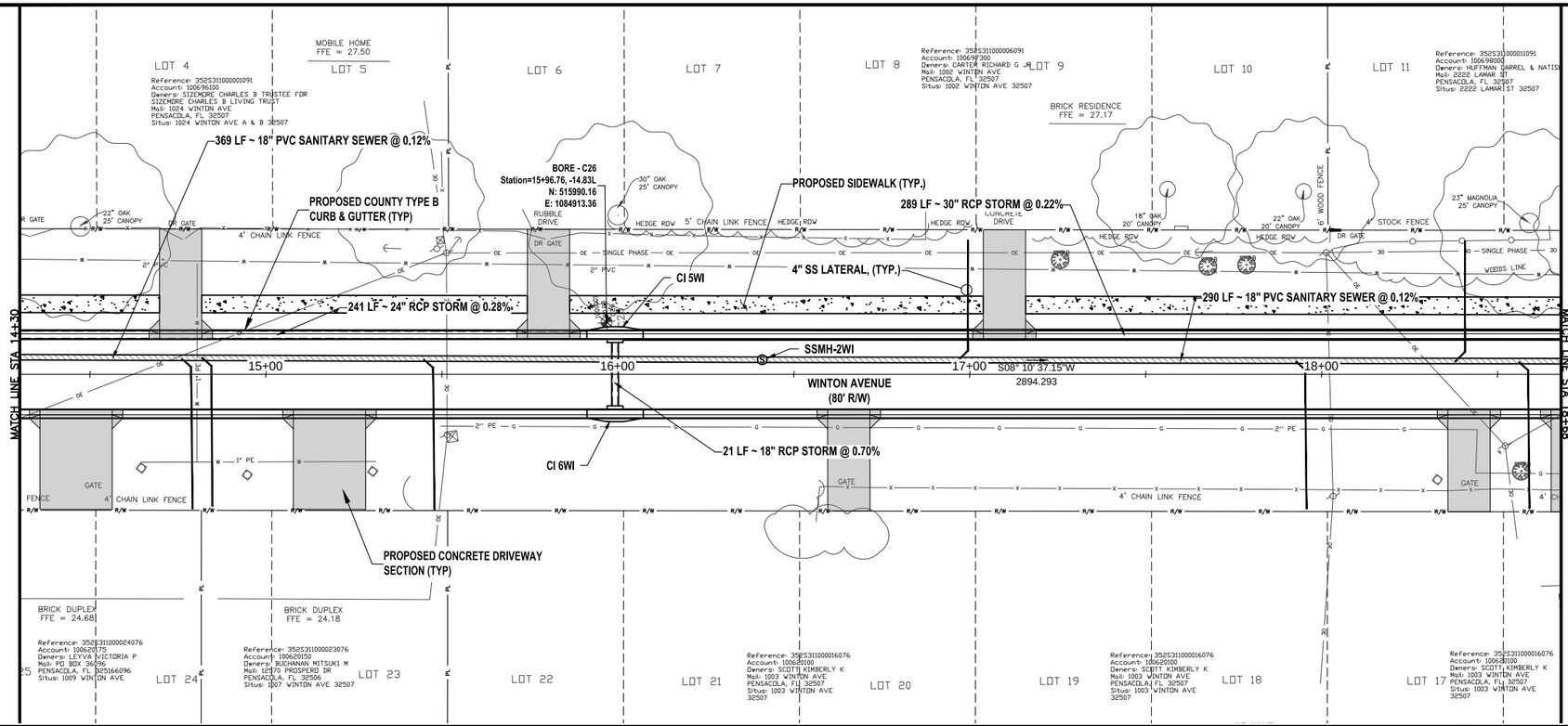
DRAWN BY: CPHTAH
DATE: MAY 2023
DESIGNED BY: GPH
PROJECT MANAGER: GPH
CHECKED BY: GPH
REG. PLA. ENG. NO. 43970
DISTRICT: 2
SECTION TOWNSHIP RANGE: 35 / 2-S / 31-W
FIELD BOOK/PAGES: TC30 / 1-35
DATE:
SIGNATURE:

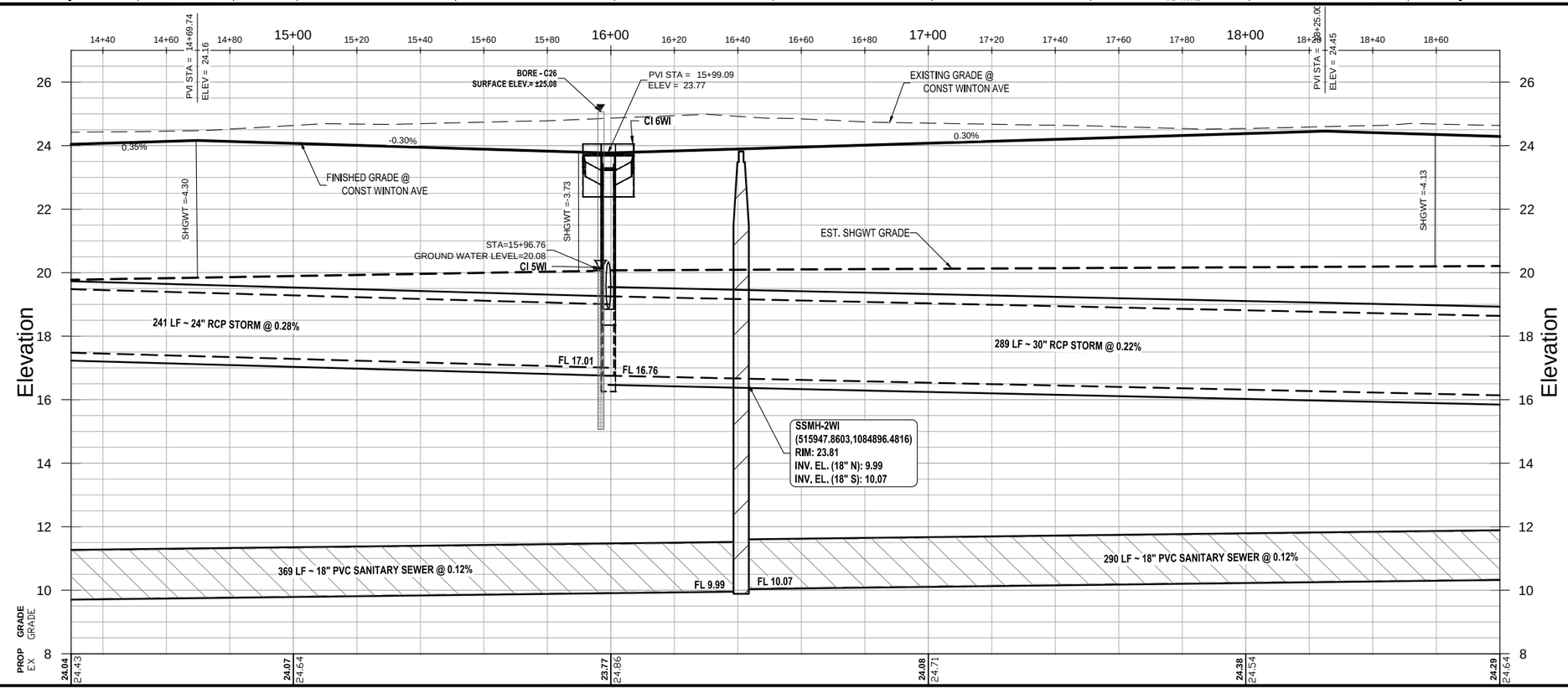
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.10
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.10.1

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.10 Winton AvenuePP - PH II.dwg, May 25, 2023 - 10:08:33AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE	ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	
			ORIGINATOR VERIFICATION Correct (Pink Highlighter)		CHANGE INCORPORATION (Yellow Highlighter)	





0' 10' 20' 40'
SCALE IN FEET

WINTON AVENUE
PLAN AND PROFILE SHEET
STA. 14+30 TO STA. 18+68

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPHTAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. P.E. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: GPH
DIST PRCT: 2	DATE:
FIELD BOOK / PAGES: TC30/ 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROV'D BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.10
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.10.2

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.10 Winton AvenuePP - PH II.dwg, May 25, 2023 - 10:09:08AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)
			CHANGE INCORPORATION (Yellow Highlighter)

ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE
		REMARK INCORPORATION (Blue Highlighter)	DATE
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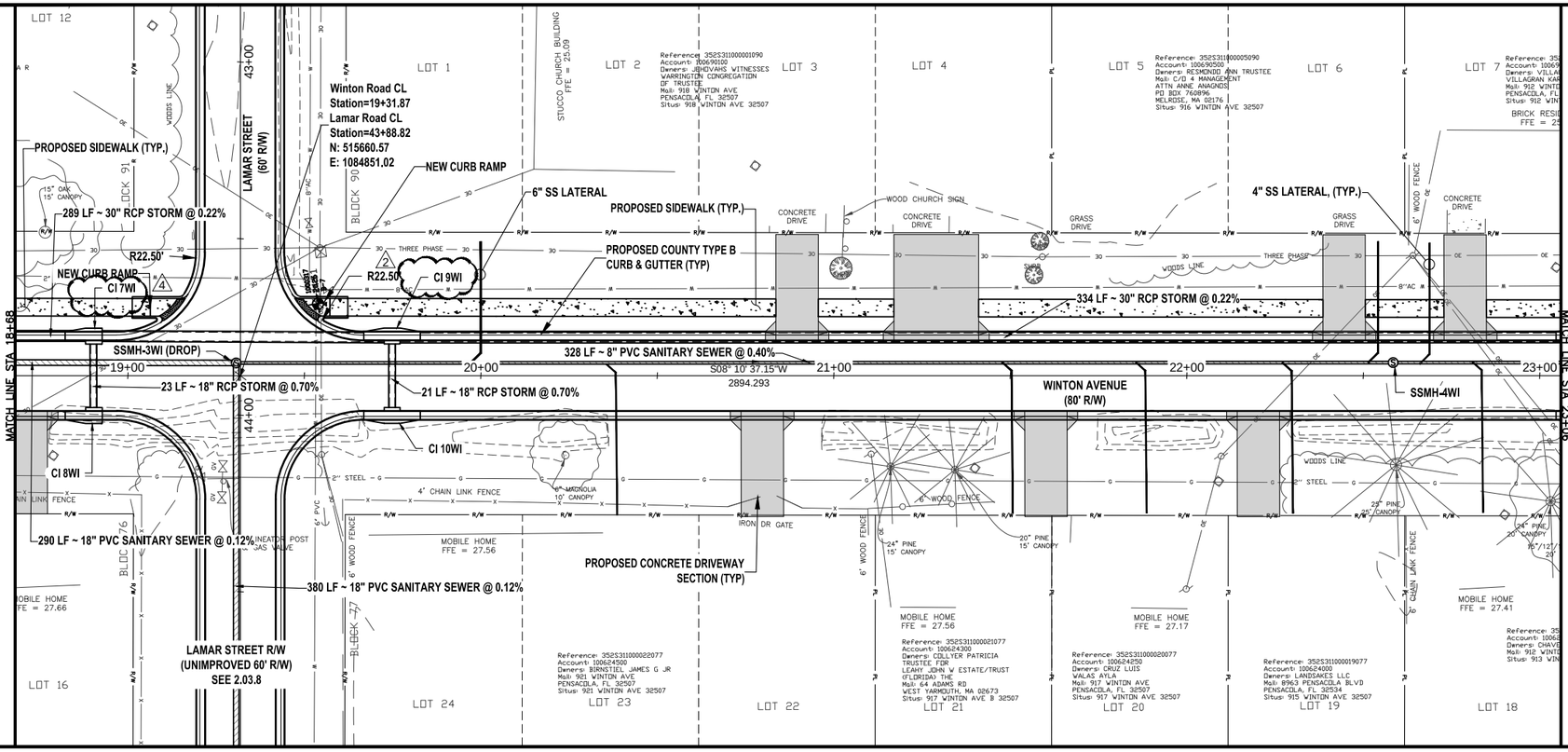

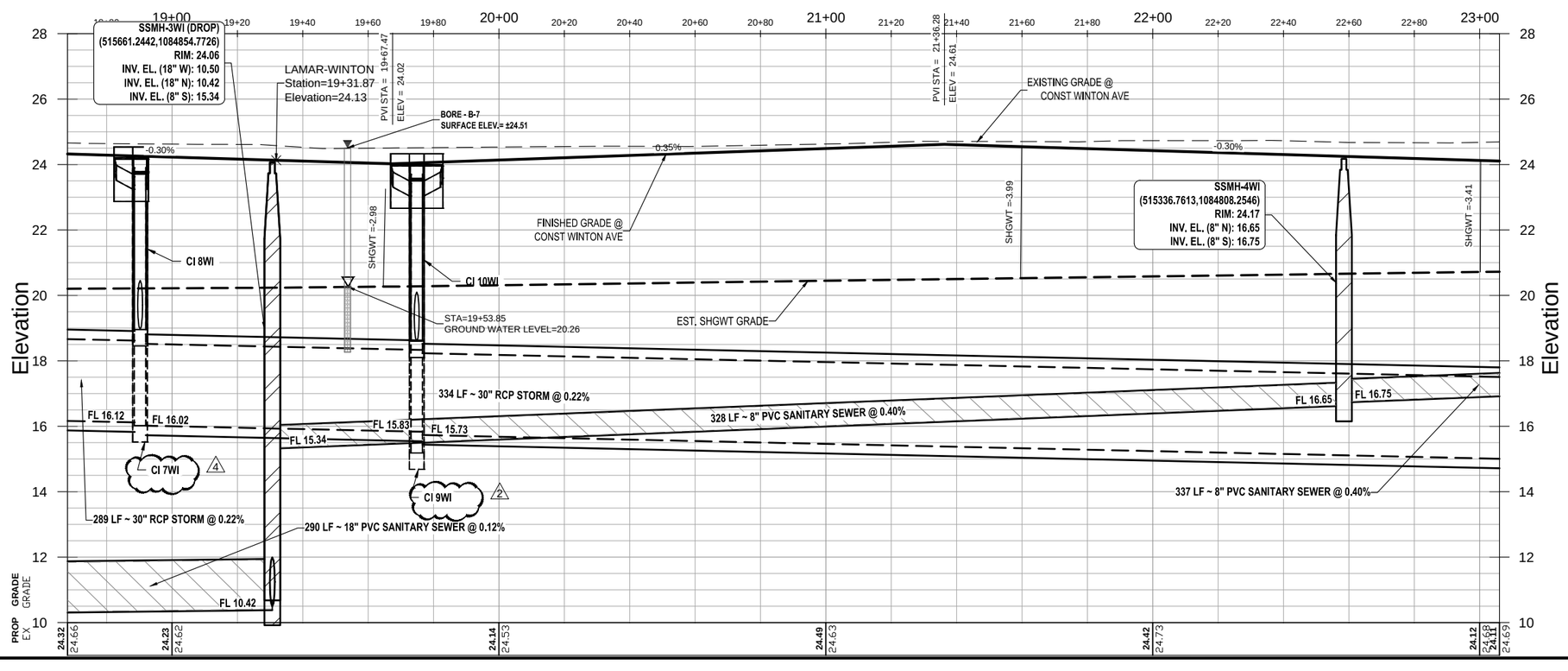

WINTON AVENUE
PLAN AND PROFILE SHEET
STA. 18+68 TO STA. 23+06

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DESIGNED BY: GPH	CHECKED BY: GPH
DRAWN BY: GPH/TAH	REG. PLA. ENG. NO. 43970
PROJECT MANAGER: GPH	EST. SECT. 2
DATE: JUNE 2023	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W
FIELD BOOK / PAGES: TC30 / 1-35	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	
2	CORRECTED INVERT ELEVATION	7/24/2023	
4	CORRECTED INVERT ELEVATION	7/31/2023	

DRAWING NUMBER 1.10
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.10.3

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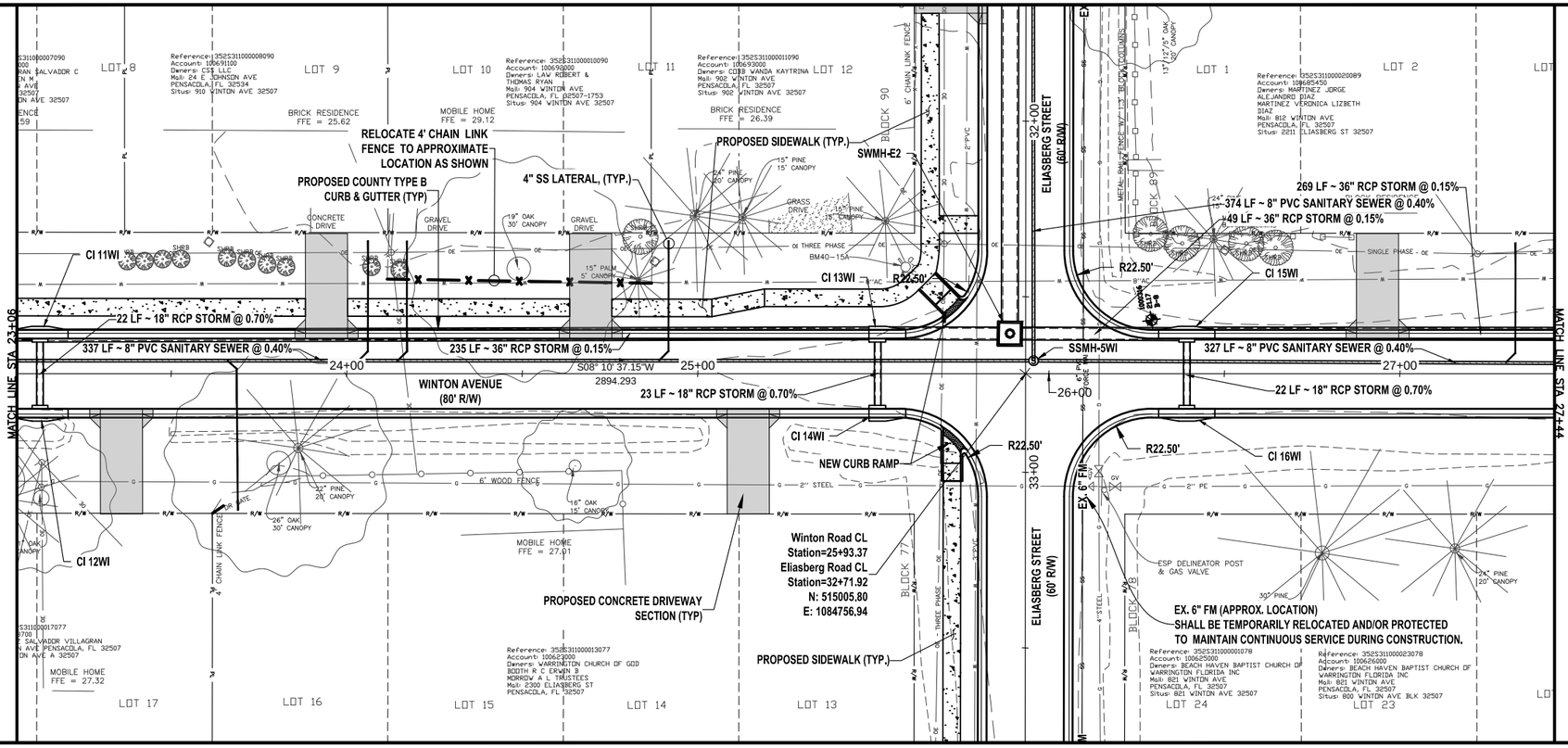
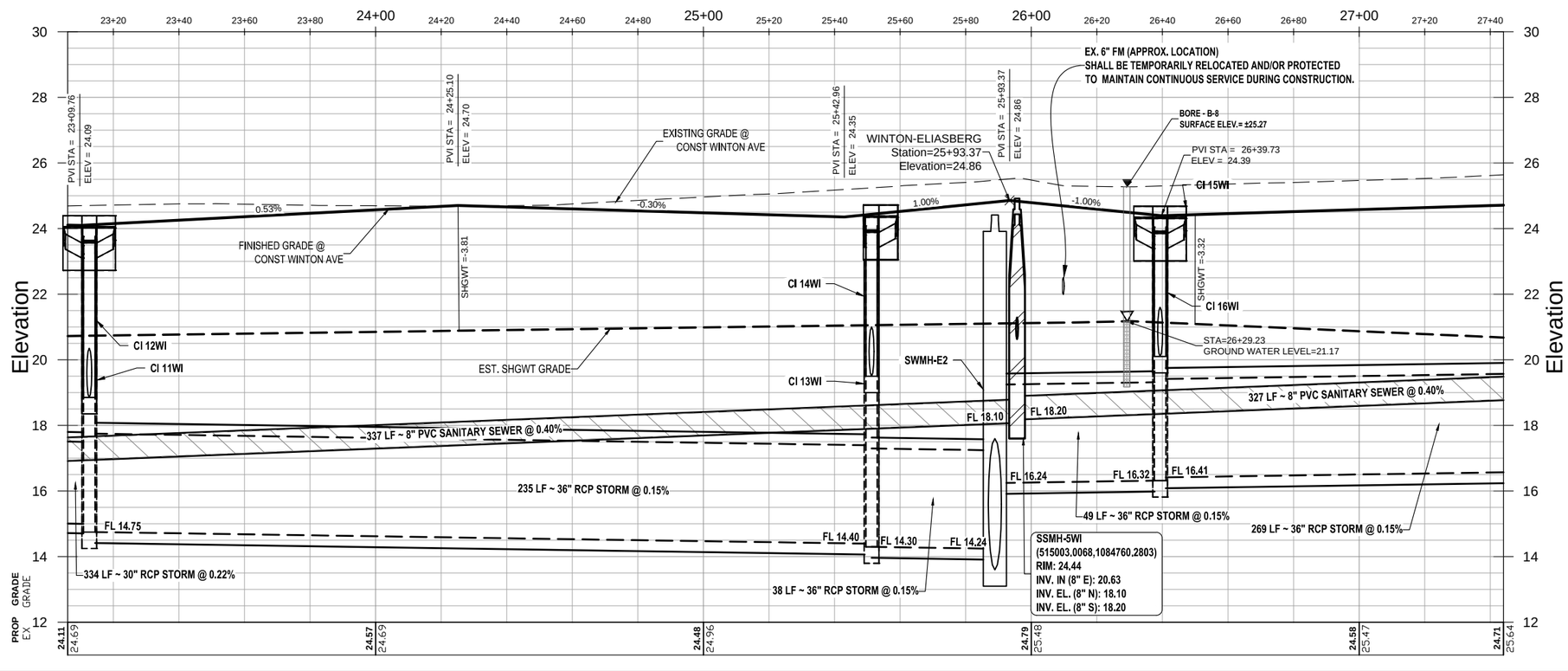
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
	CHANGE INCORPORATION	(Yellow Highlighter)





WINTON AVENUE
PLAN AND PROFILE SHEET
STA. 23+06 TO STA. 27+44

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ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: GPH
TITLE BLOCK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W
CHECKED BY: GPH	REG. FLA. ENG. NO.: 43970
ISSUE DATE: 7	DATE:
SIGNATURE:	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.10
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.10.4

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SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
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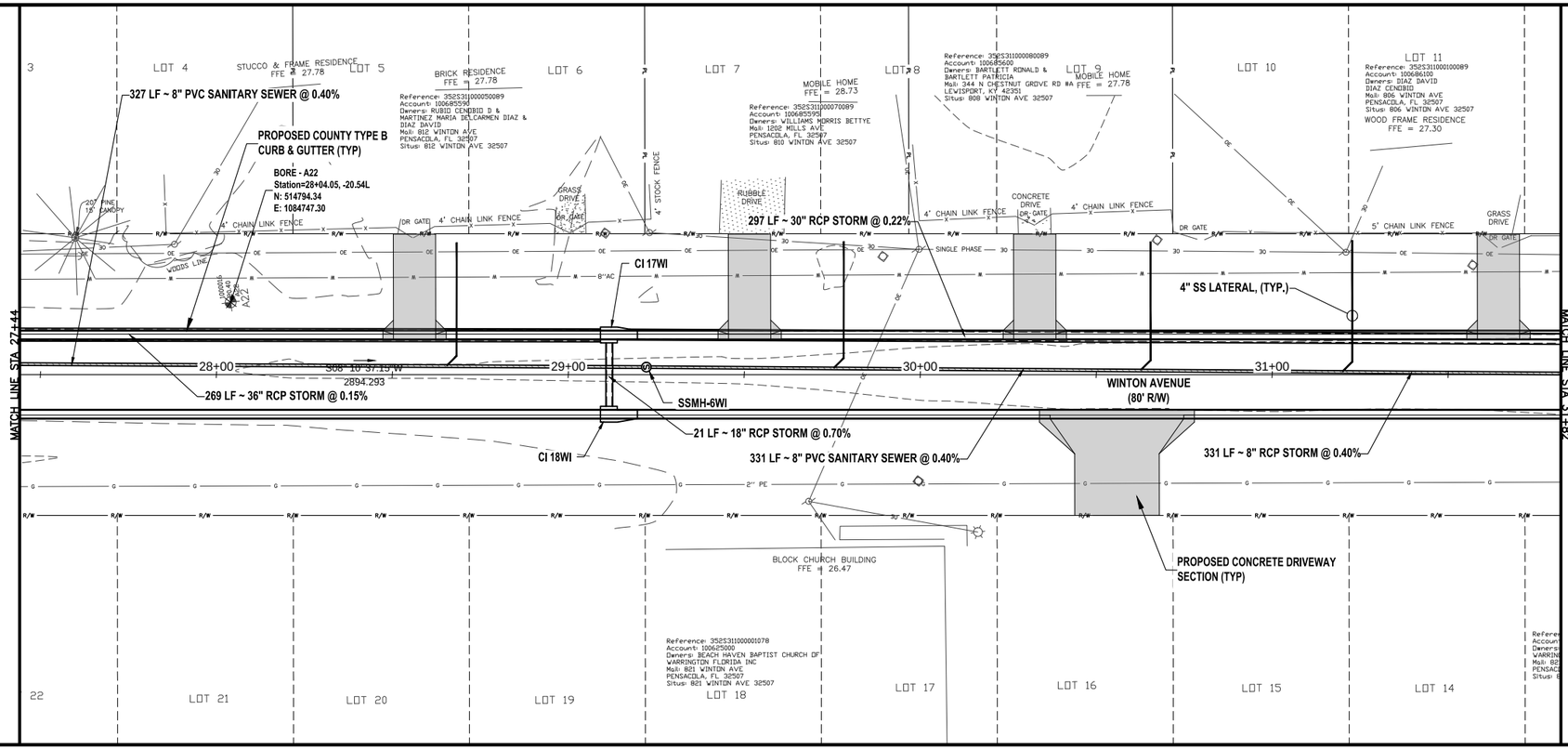

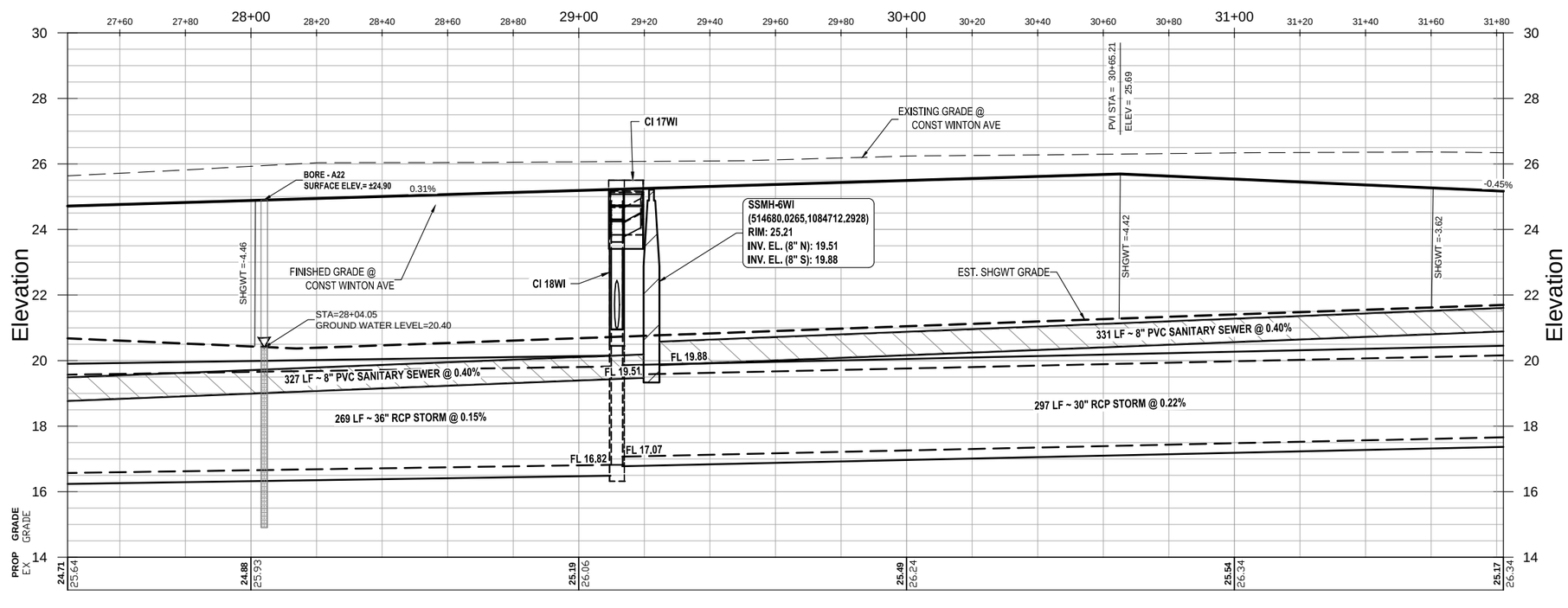

WINTON AVENUE
PLAN AND PROFILE SHEET
STA. 27+44 TO STA. 31+82

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: GPH
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W
CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DISTRICT: 2	SIGNATURE:
DATE:	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.10
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.10.5

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.10 Winton AvenuePP - PH II.dwg, May 25, 2023 - 10:10:50AM, gpotter

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SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
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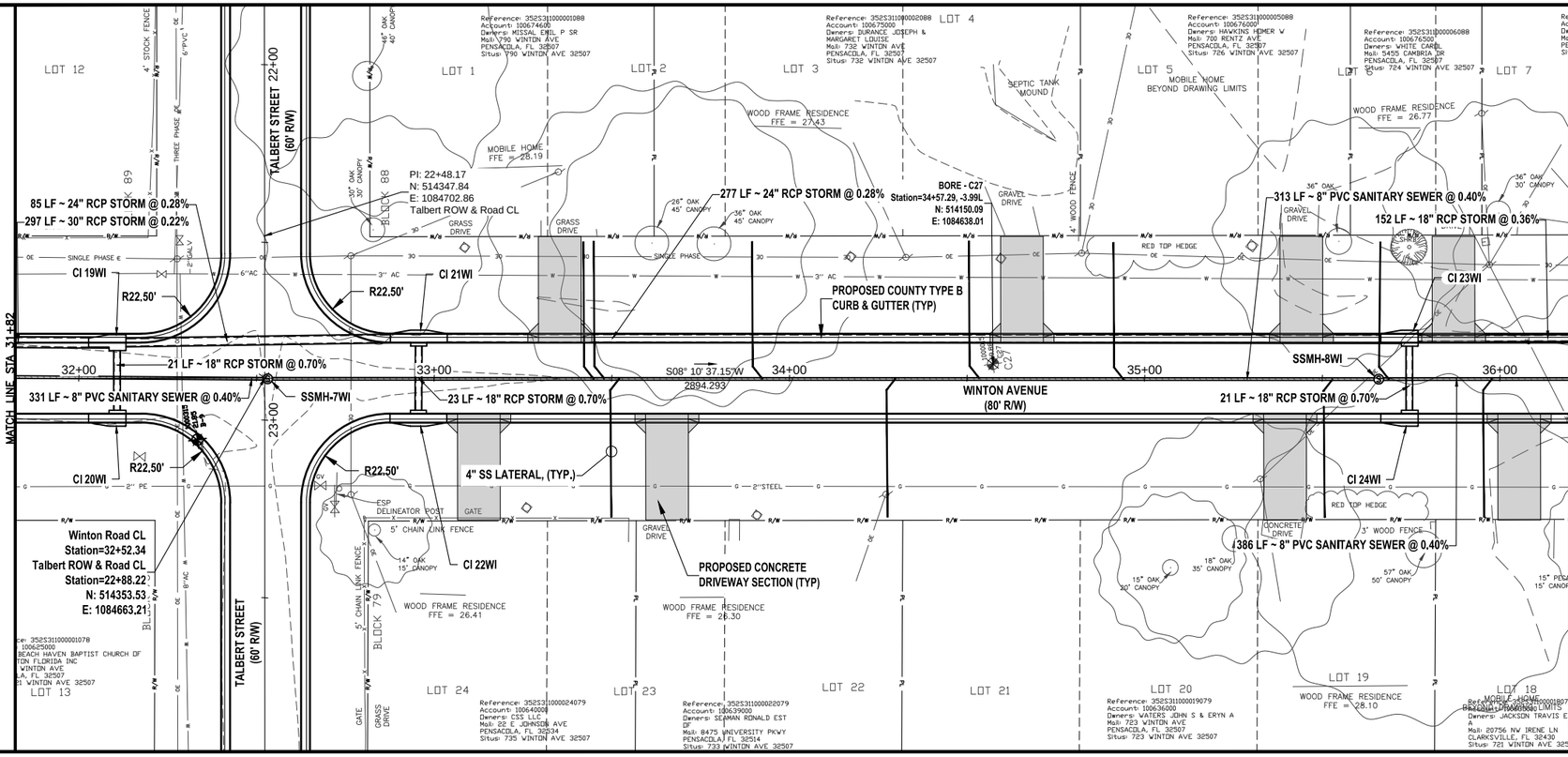

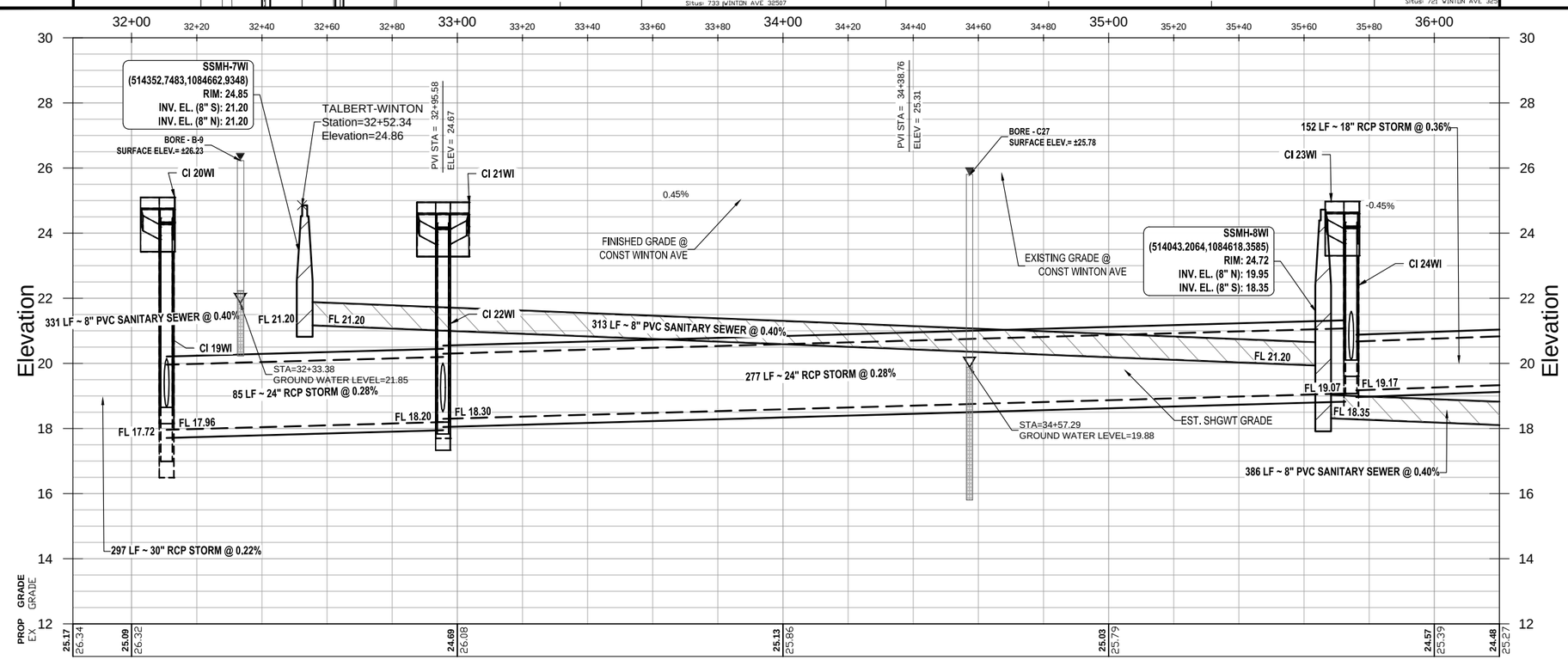

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SCALE IN FEET

WINTON AVENUE
PLAN AND PROFILE SHEET
STA. 31+82 TO STA. 36+20

ESCAMBIA COUNTY · FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CPHTAH	CHECKED BY: GPH
DESIGNED BY: GPH	REG. FLA. ENG. NO.: 43970
DATE: MAY 2, 2023	DIST PCT:
PROJECT MANAGER: GPH	SIGNATURE:
FIELD BOOK/PAGES: TC30/1-35	SECTION TOWNSHIP RANGE: 35 / 2S / 31-W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.10
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.10.6

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.10 Winton AvenuePP - PH II.dwg, May 25, 2023 - 10:11:19AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter) DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter) DATE
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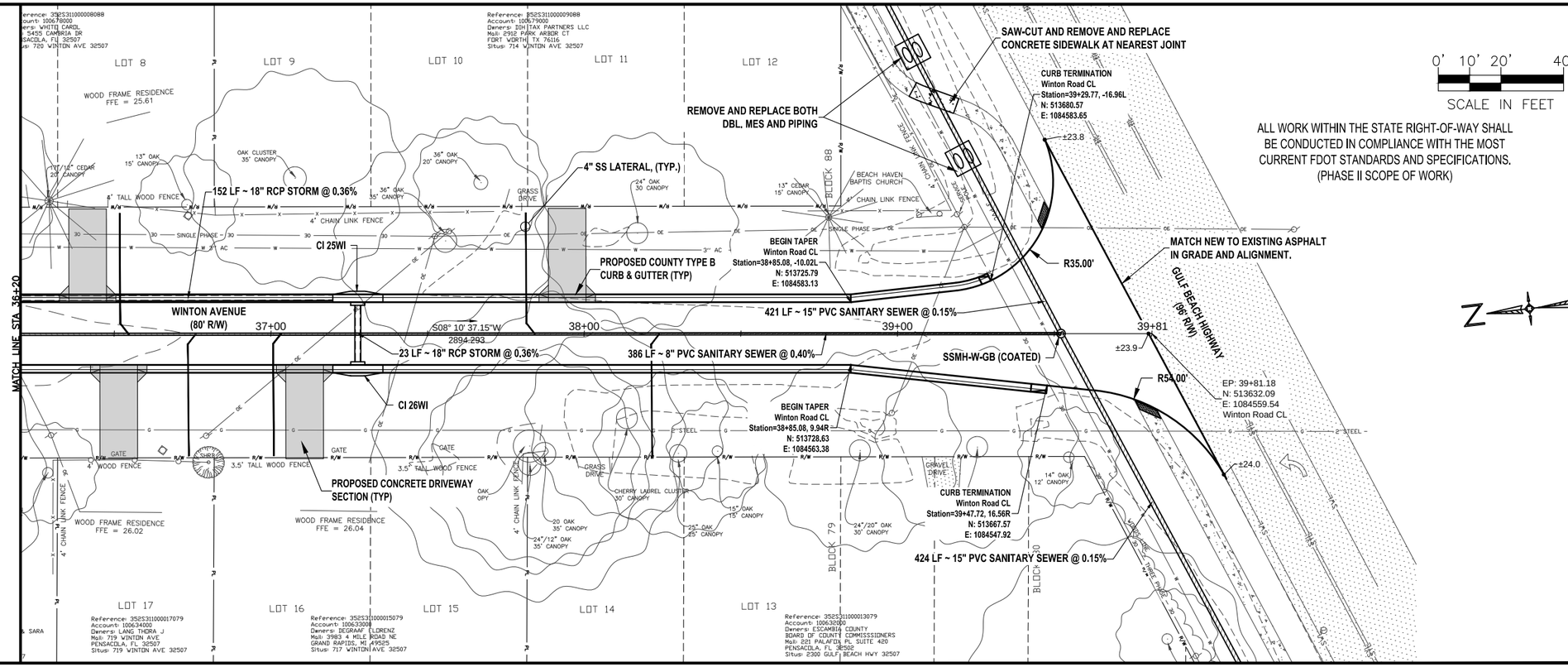
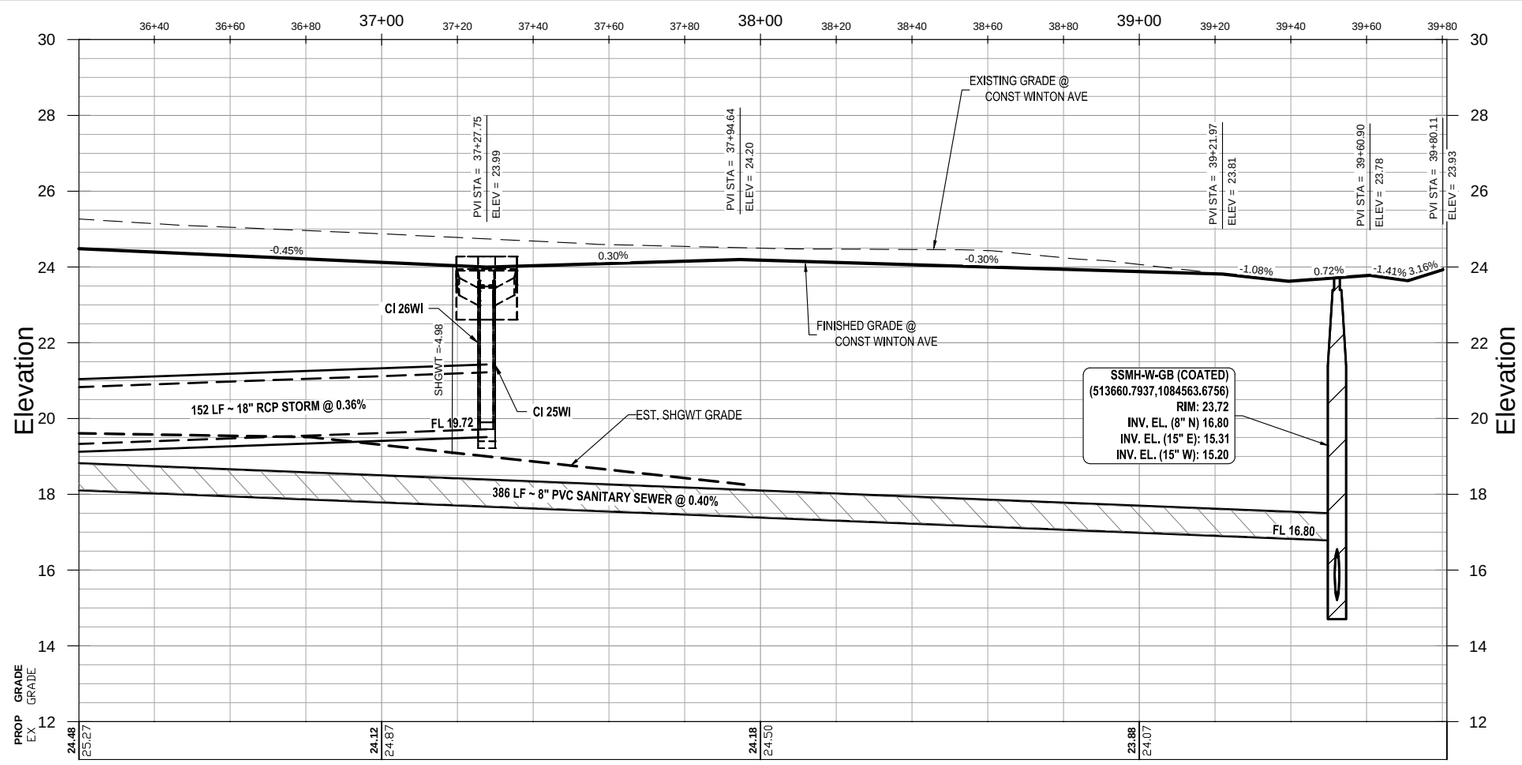
	CHANGE INCORPORATION	(Yellow Highlighter)	





WINTON AVENUE
PLAN AND PROFILE SHEET
STA. 36+20 TO STA. 39+81

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: GPH	DISTRICT: 3	DATE:
TOTAL SHEETS / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.10
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.10.7

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.10 Winton AvenuePP - PH II.dwg, May 25, 2023 - 10:11:52AM, gpotter

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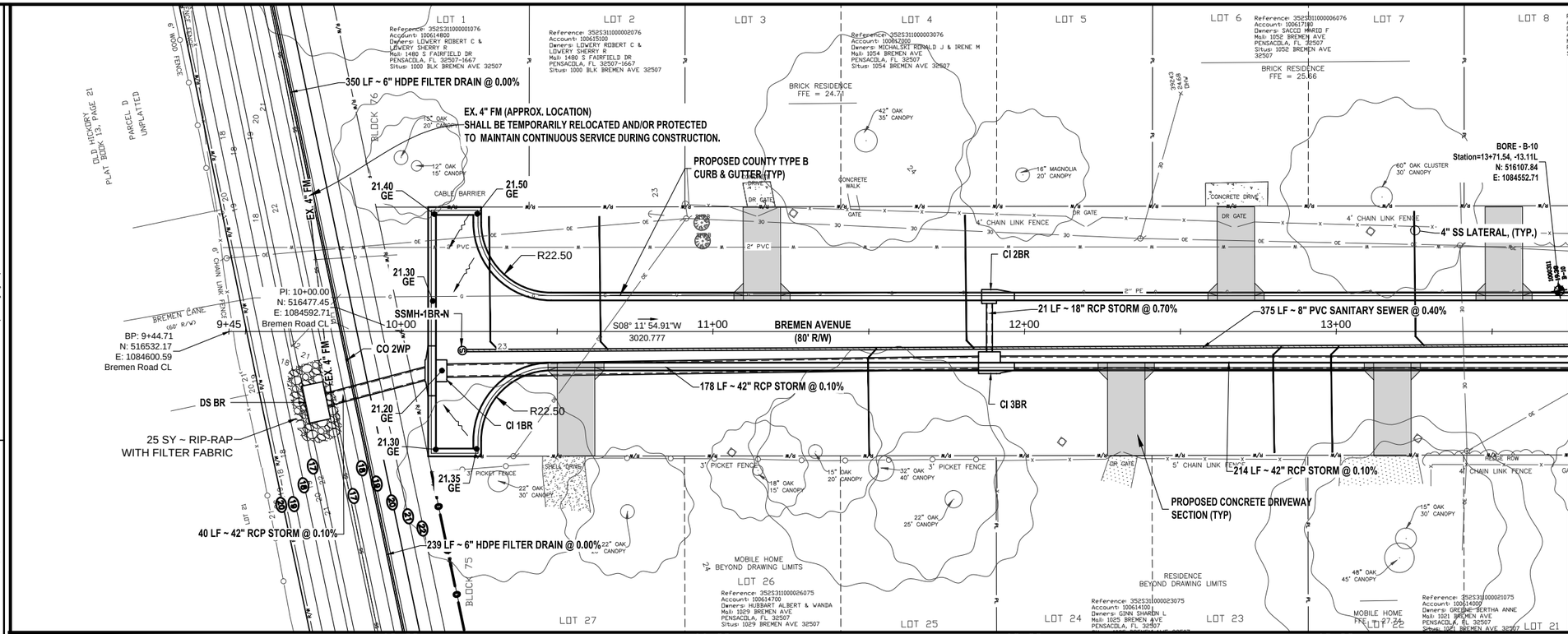
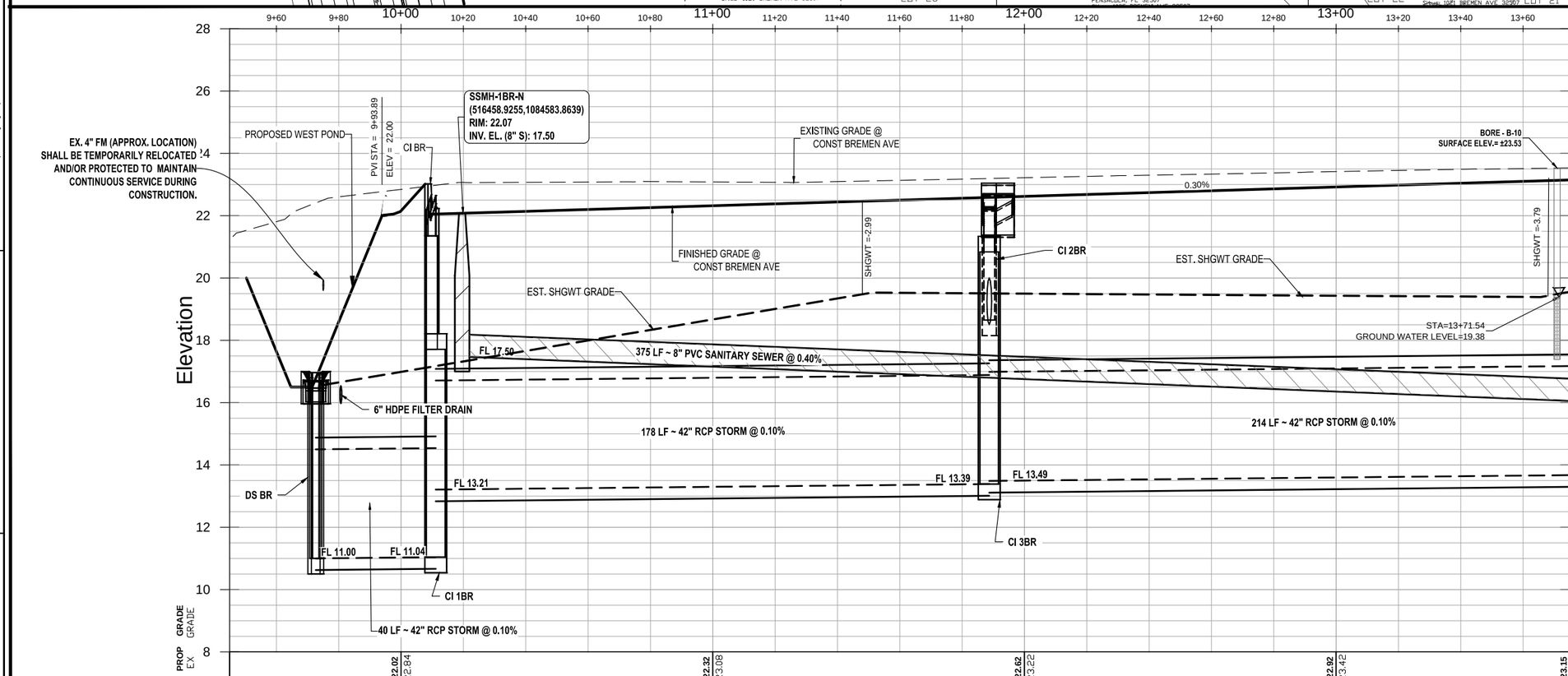
	CHANGE INCORPORATION	(Yellow Highlighter)	





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SCALE IN FEET

BREMEN AVENUE
PLAN AND PROFILE SHEET
STA. 09+45 TO STA. 13+75

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ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPM/TAH	DESIGNED BY: GPM
CHECKED BY: GPM	REG. PLS. ENG. NO. 43970
DATE: APRIL 2022	PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 2	SIGNATURE:
FIELD BOOK/PAGES: TC30 / 1-35	SECTION/TOWNSHIP/RANGE: 35 / 2-S / 31-W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.11
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.11.1

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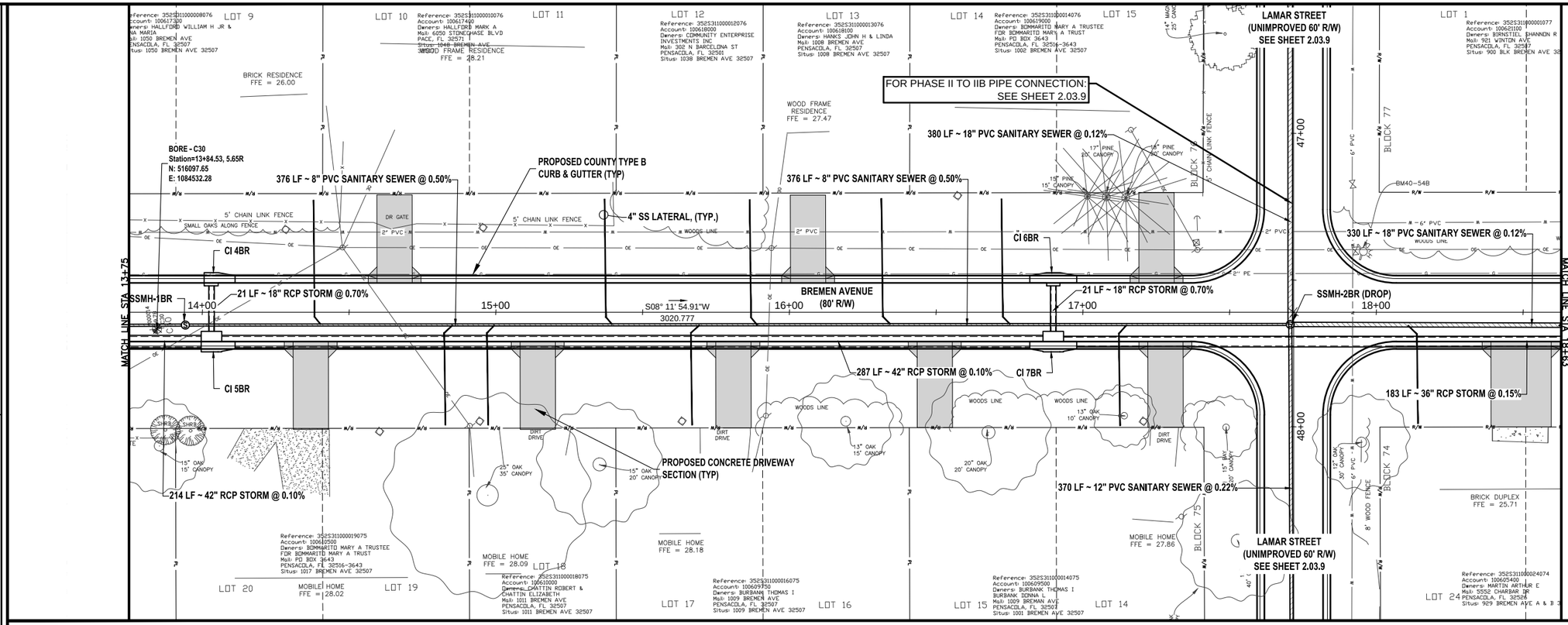

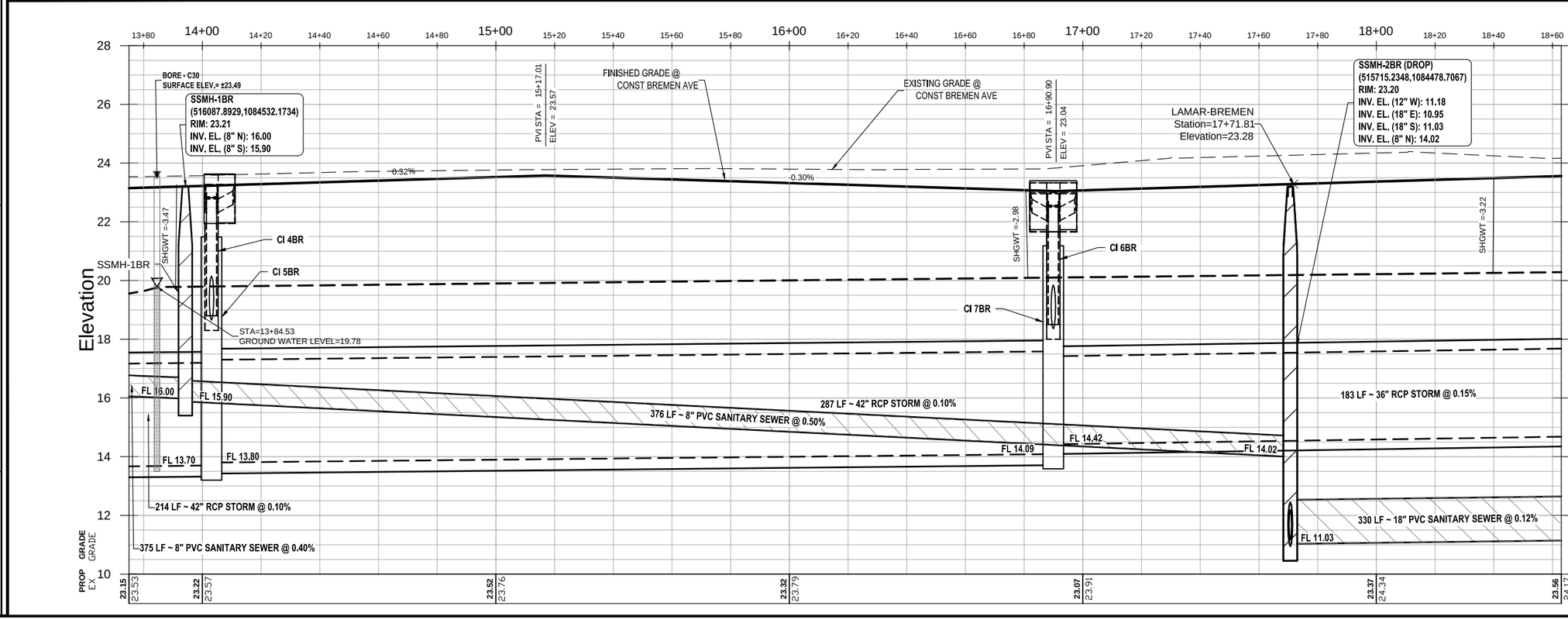

BREMEN AVENUE
PLAN AND PROFILE SHEET
STA. 13+75 TO STA. 18+63

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: APRIL 2023	PROJECT MANAGER: CHRIS A. CURB
DATE:	SIGNATURE:
TITLE PROJ. PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.11
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.11.2

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.11 Bremen AvenuePP - PH II.dwg, May 25, 2023 - 10:14:10AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
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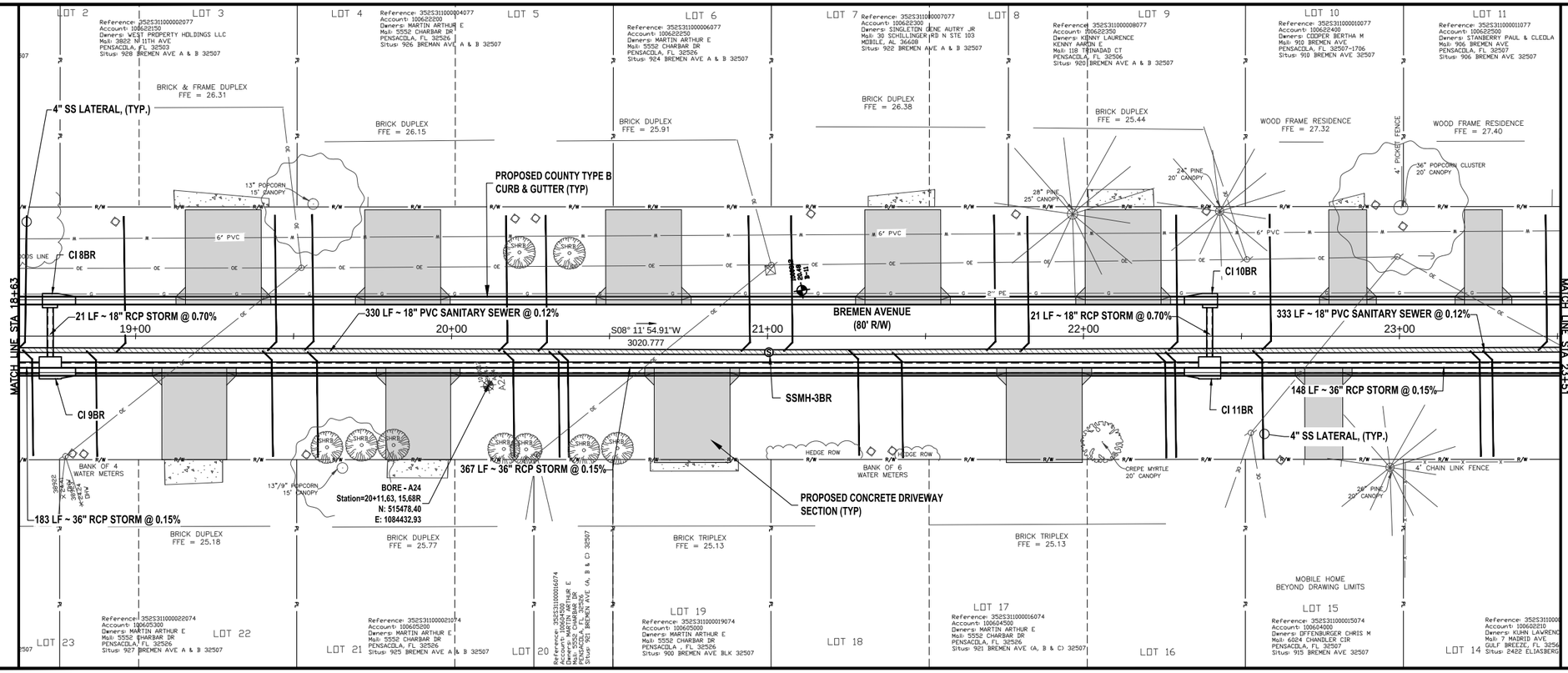
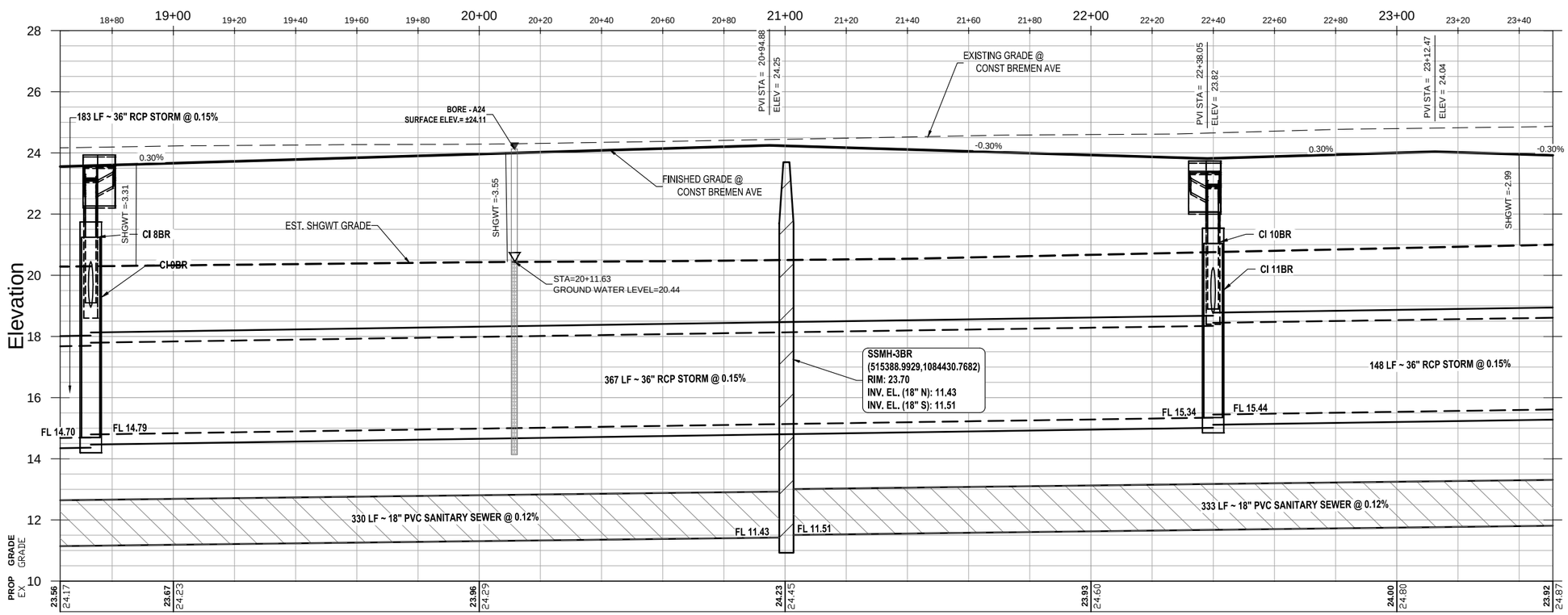
	CHANGE INCORPORATION	(Yellow Highlighter)	DATE





0' 10' 20' 40'
SCALE IN FEET

BREMEN AVENUE
PLAN AND PROFILE SHEET
STA. 18+63 TO STA. 23+51

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ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: APRIL 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
TITLE BLOCK: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.11
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.11.3

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PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter) DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter) DATE
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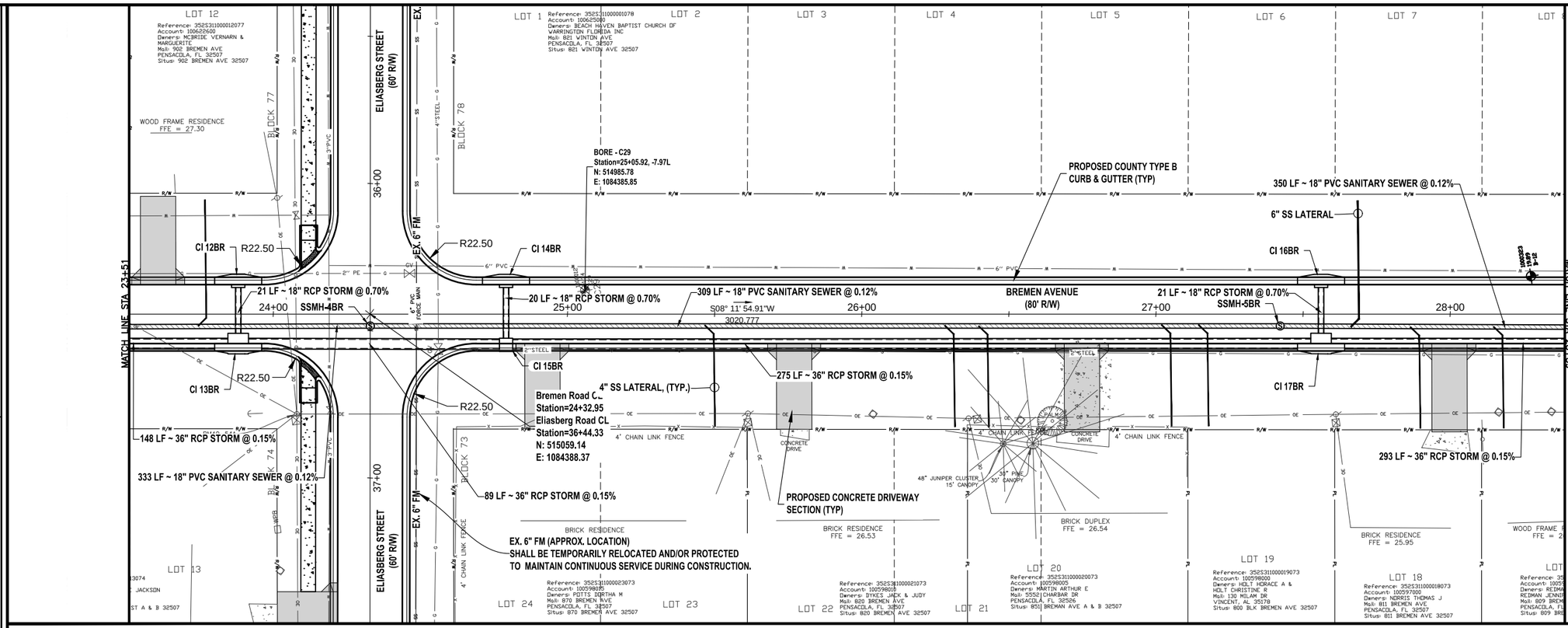
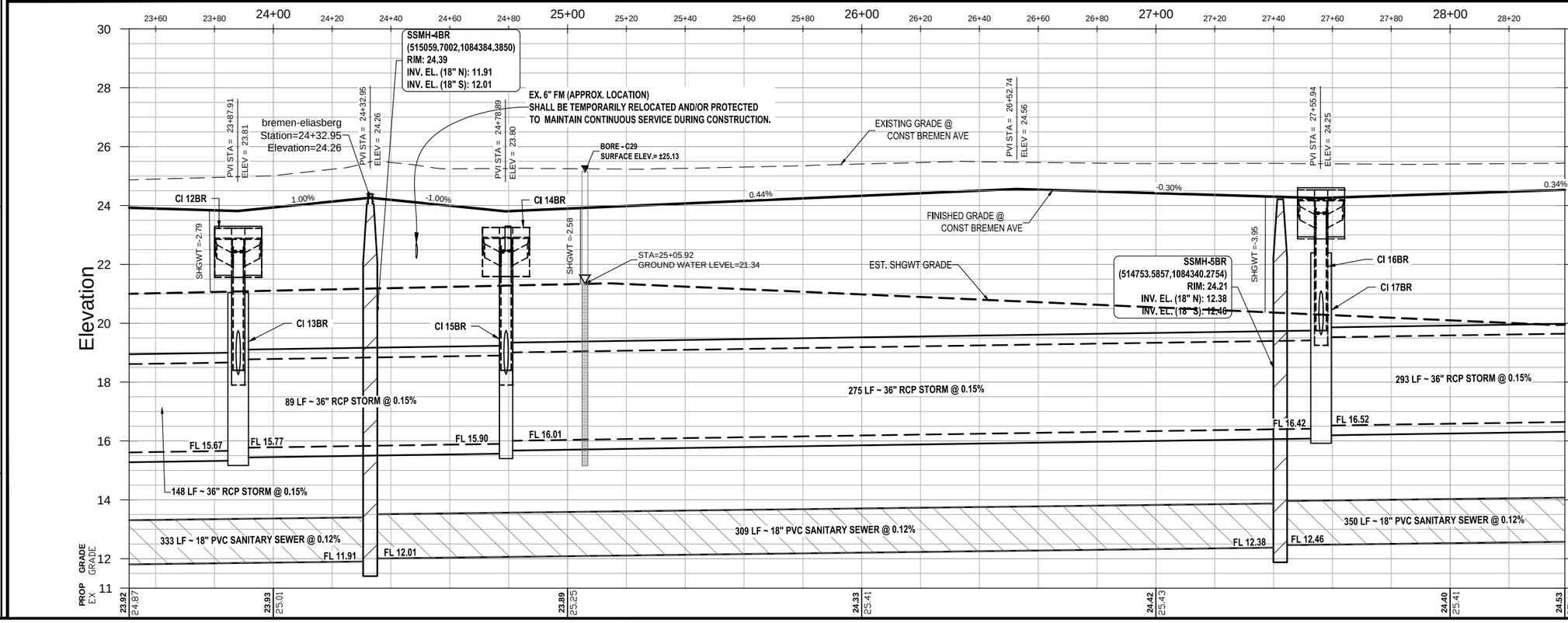
	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)		
	CHANGE INCORPORATION (Yellow Highlighter)		





BREMEN AVENUE

PLAN AND PROFILE SHEET

STA. 23+51 TO STA. 28+39

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ENGINEERING DIVISION

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3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

REG. PLA. ENG. NO. 43970

DATE:

SIGNATURE:

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	
DATE: APRIL 2023	PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 1	
FIELD BOOK/ PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

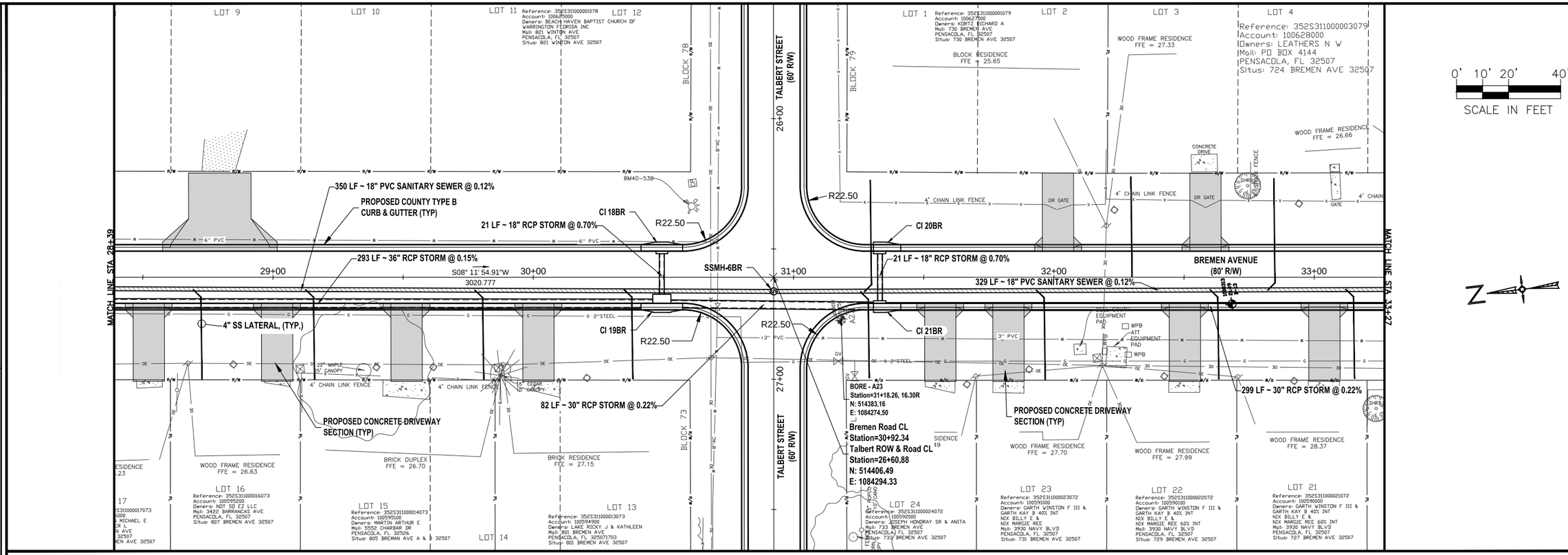
DRAWING NUMBER	1.11
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	1.11.4

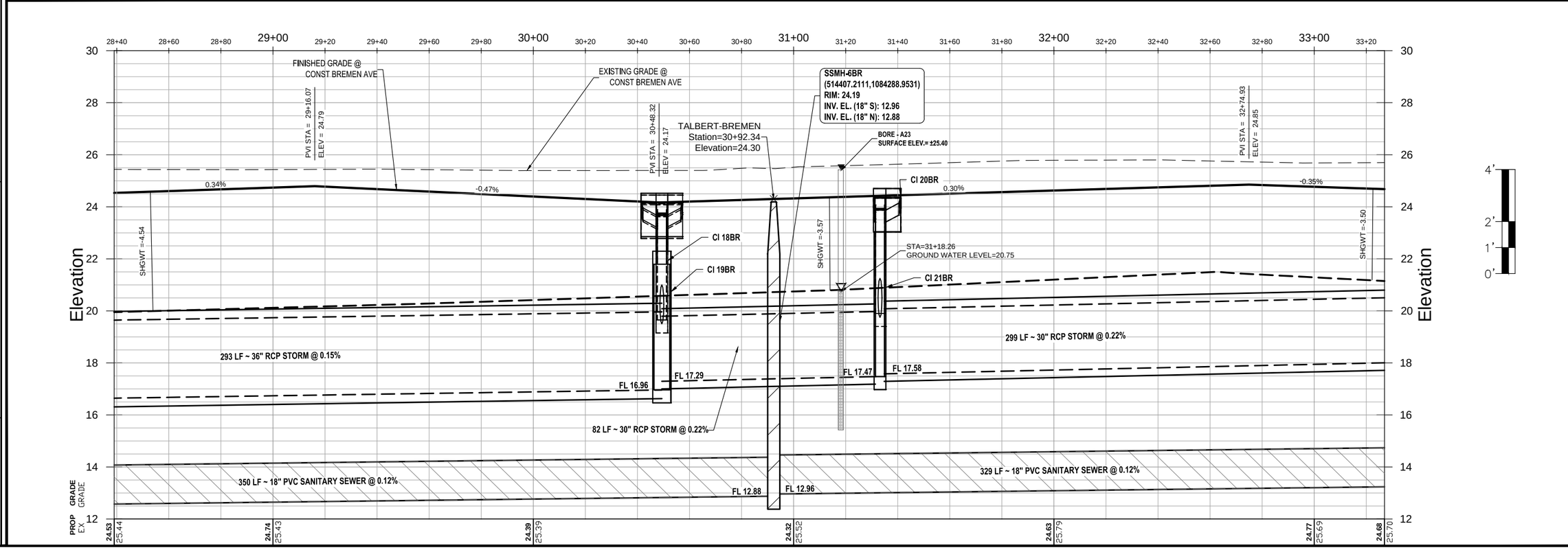
F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.11 Bremen AvenuePP - PH II.dwg, May 25, 2023 - 10:15:07AM, gpotter

PHASE	REVIEW	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE
SIGNATURE:				

VERIFICATION, CHECKER (OR)	(Blue Highlighter)	ORIGINATOR (OR)	Correct (Green Highlighter) Change (Red Pen)
REMARK INCORPORATION	(Blue Highlighter)	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	CHANGE INCORPORATION	(Yellow Highlighter)

DATE DATE DATE





BREMEN AVENUE
PLAN AND PROFILE SHEET
STA. 28+39 TO STA. 33+27

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: APRIL 2023	PROJECT MANAGER: CHRIS A. CLIFTON
FIELD BOOK/ PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W
CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DISTRICT: 2	DATE:
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.11
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.11.5

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SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION (Blue Highlighter)	DATE
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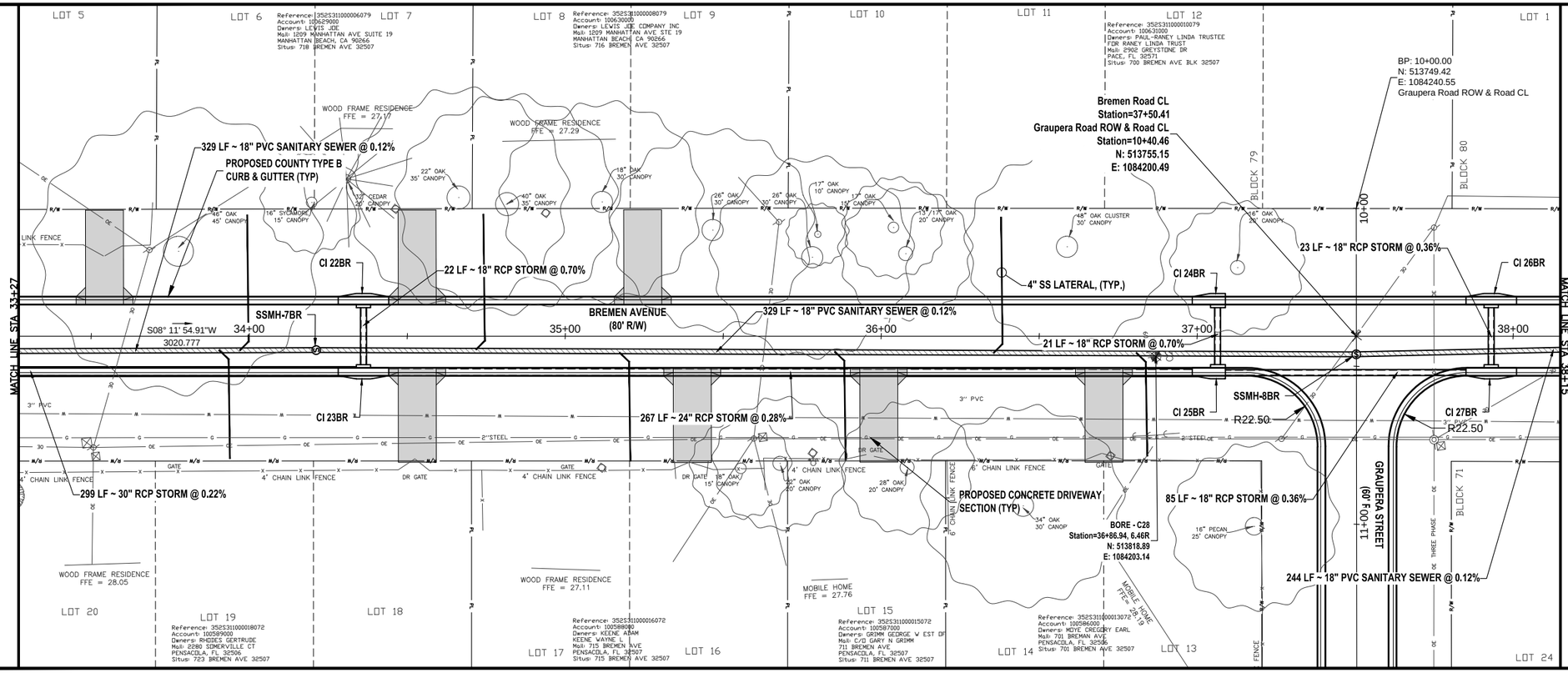

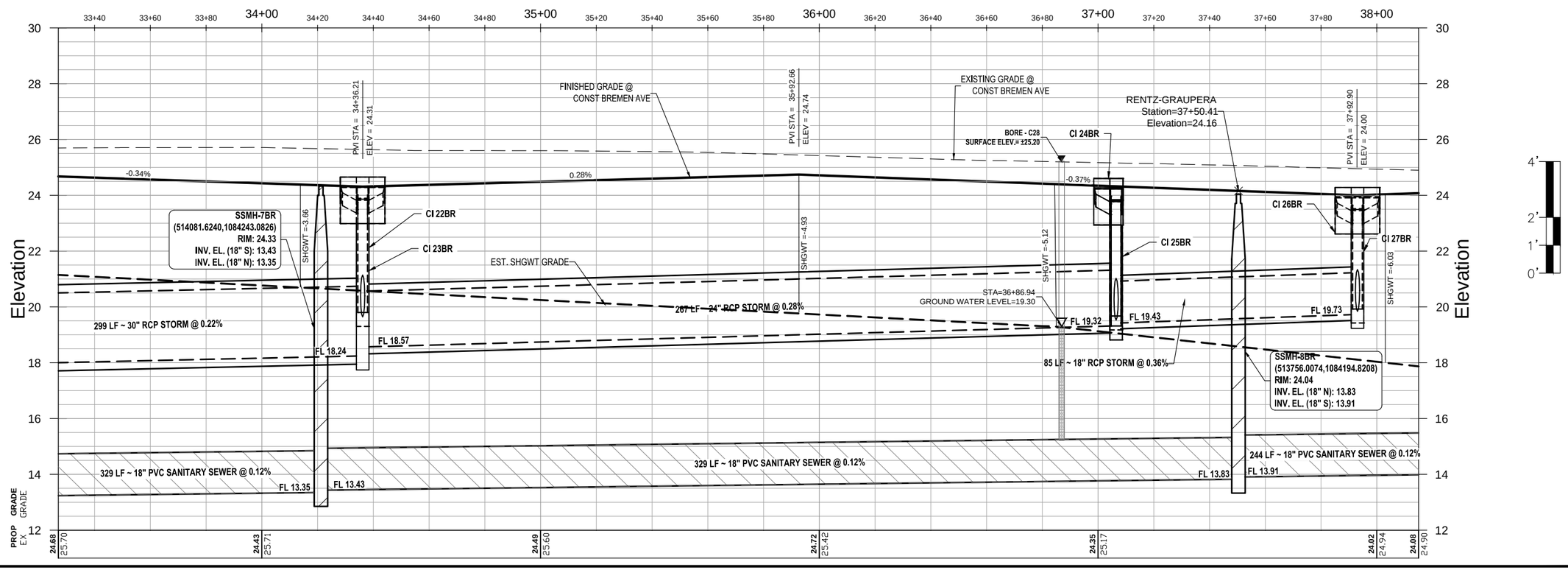

BREMEN AVENUE
PLAN AND PROFILE SHEET
STA. 33+27 TO STA. 38+15

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ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPHITAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: APRIL 2023	PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 2	DATE:
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.11
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.11.6

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SIGNATURE:		PRODUCTION		

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CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)		REMARK INCORPORATION	(Blue Highlighter)	DATE
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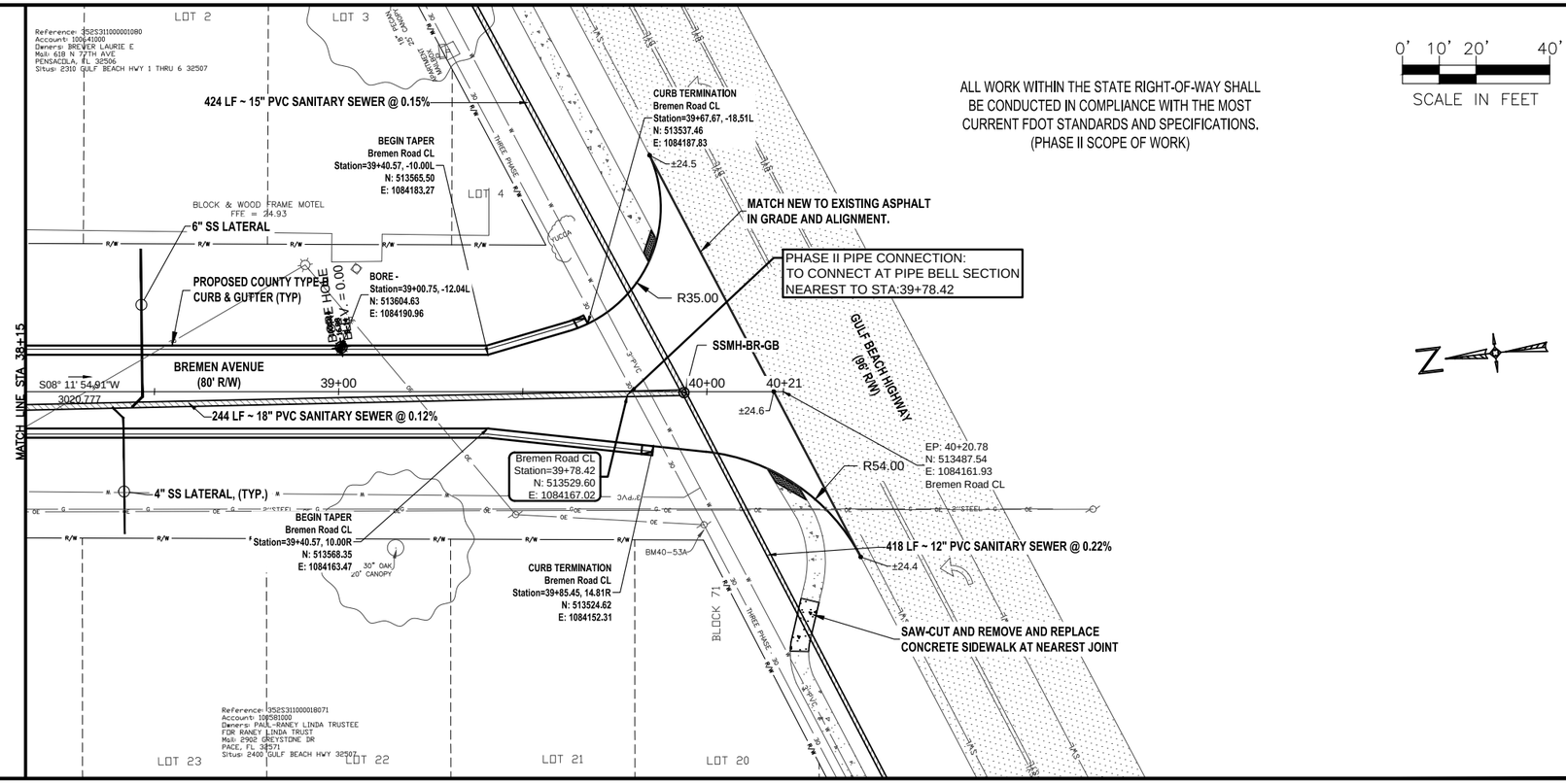
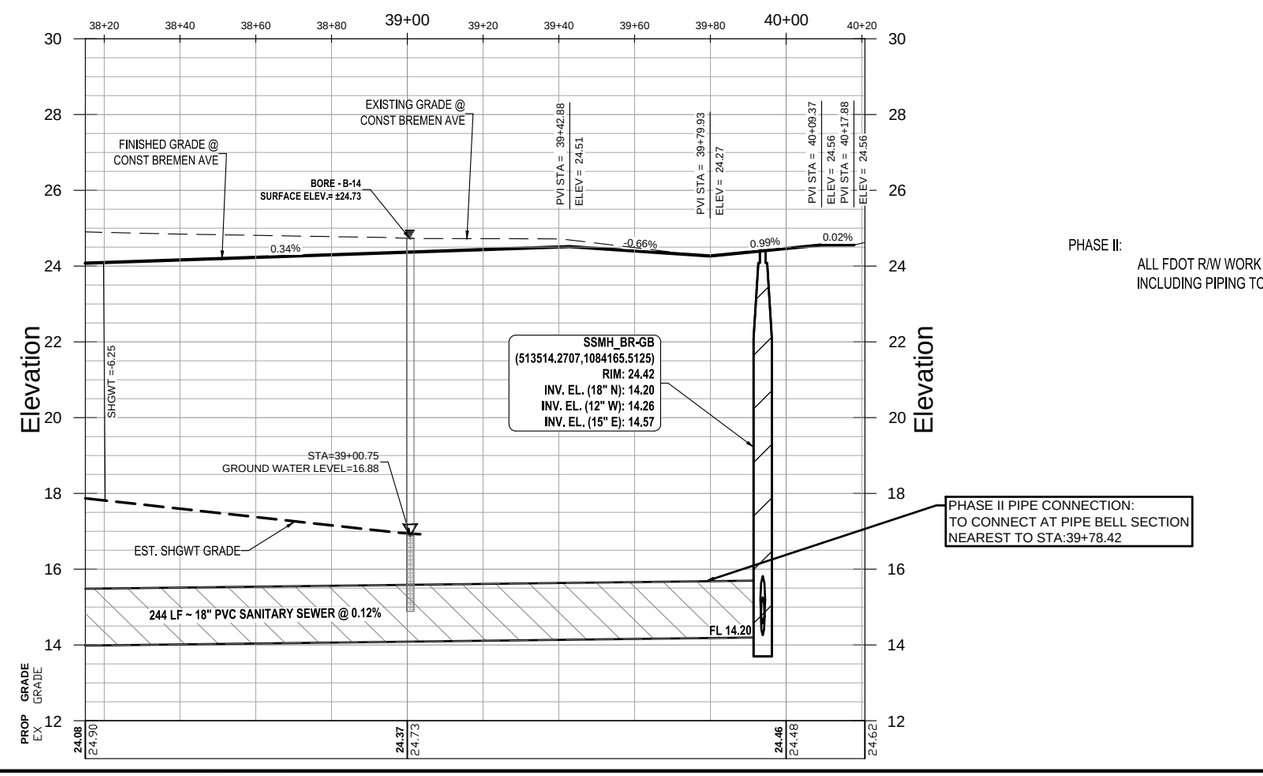


ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS. (PHASE II SCOPE OF WORK)



PHASE II:

ALL FDOT R/W WORK
INCLUDING PIPING TO COUNTY R/W

4' 2' 1' 0'

BREMEN AVENUE
PLAN AND PROFILE SHEET
STA. 38+15 TO STA. 40+21

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: APRIL 2023	PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 2	DATE:
TOTAL PROJ. PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.11
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.11.7

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.11 Bremen AvenuePP - PH II.dwg, May 25, 2023 - 10:16:42AM, gpotter

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SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
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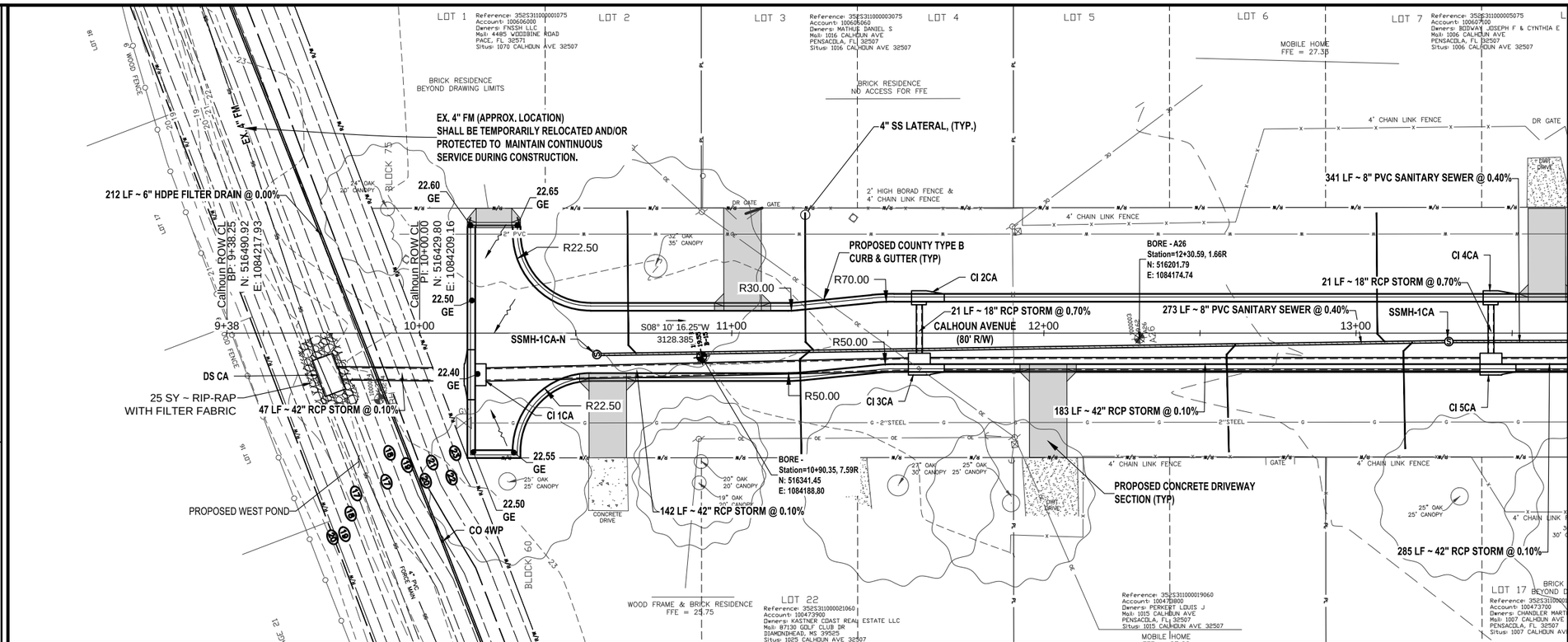
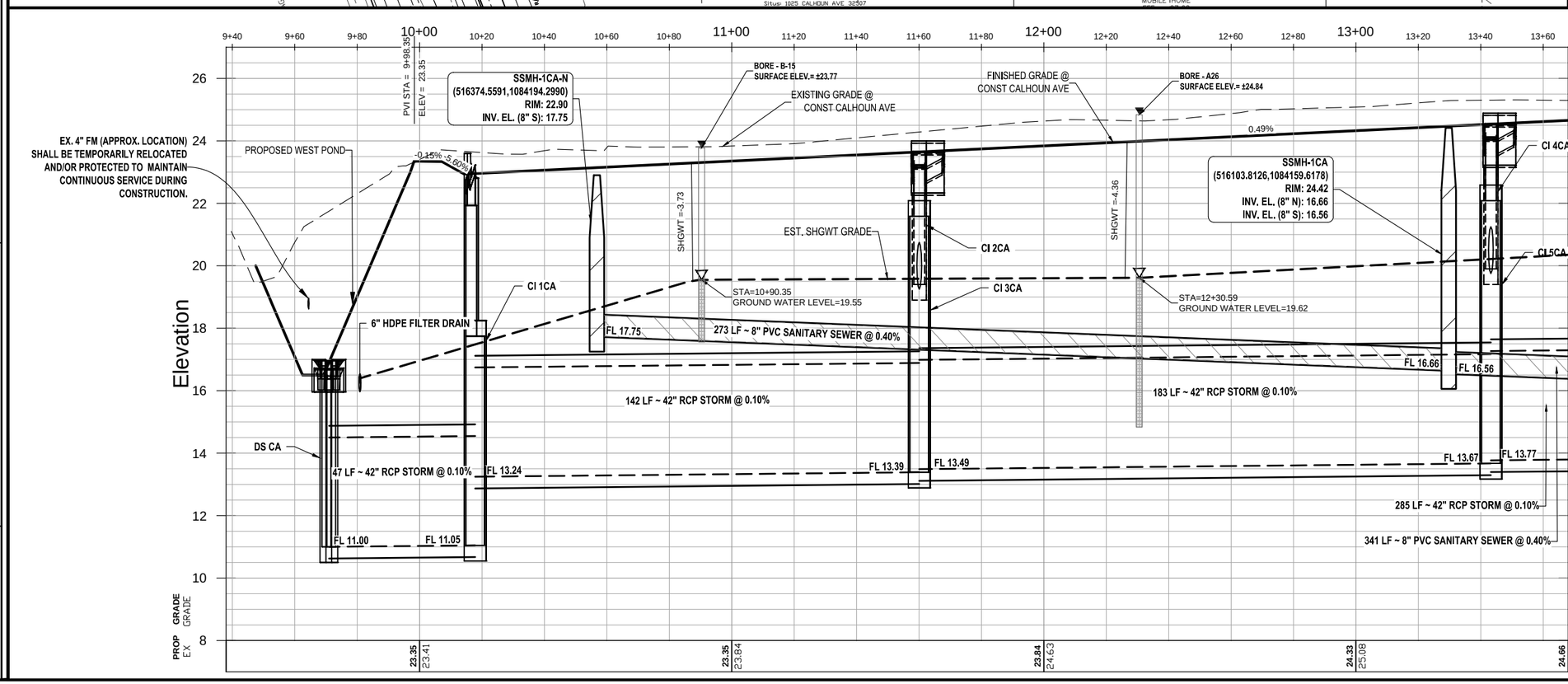
	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)			
	CHANGE INCORPORATION (Yellow Highlighter)			





CALHOUN AVENUE
PLAN AND PROFILE SHEET
STA. 09+38 TO STA. 13+68

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ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CPHTAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: JANUARY, 2016	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31-W		

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.12

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 1.12.1

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (OR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
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ORIGINATOR (OR)	Correct (Green Highlighter) Change (Red Pen)	DATE
CHECKER (RP)	(Red Pen 1-Out to Disagree or Remark)	DATE
CHANGE INCORPORATION	(Yellow Highlighter)	DATE

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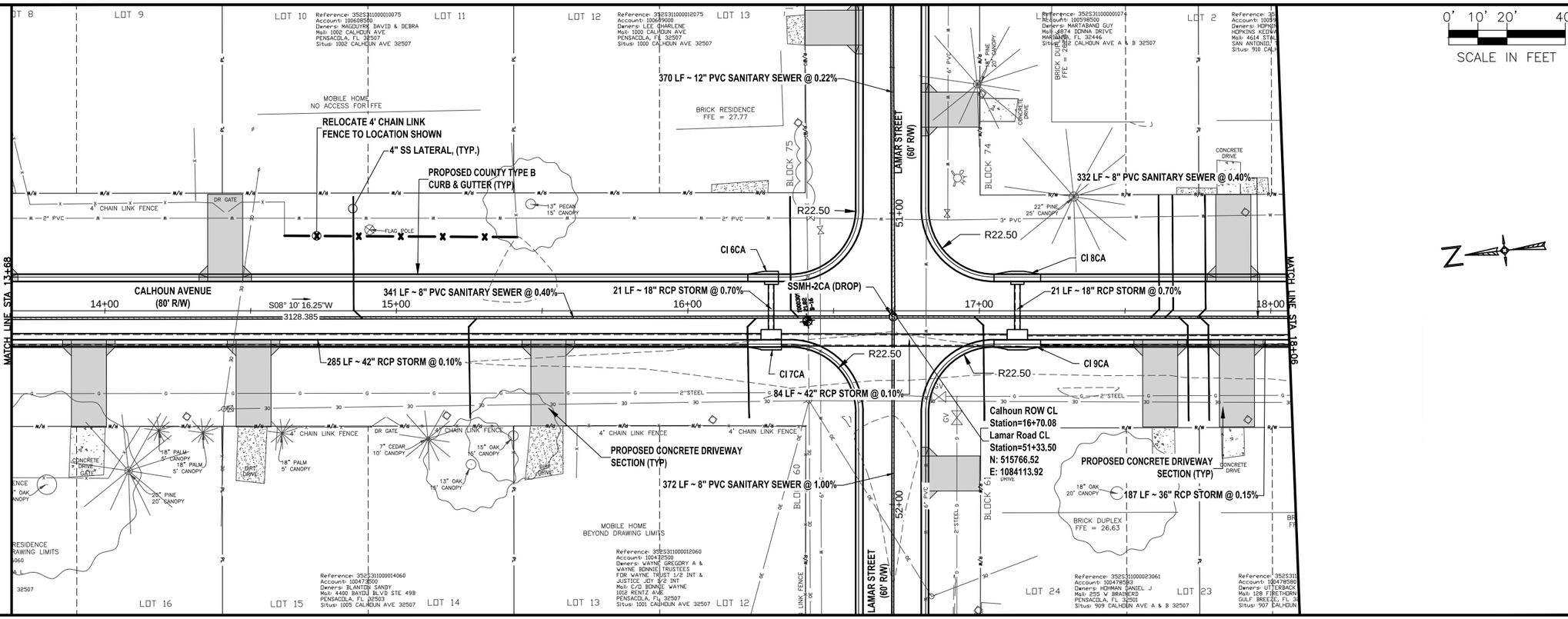

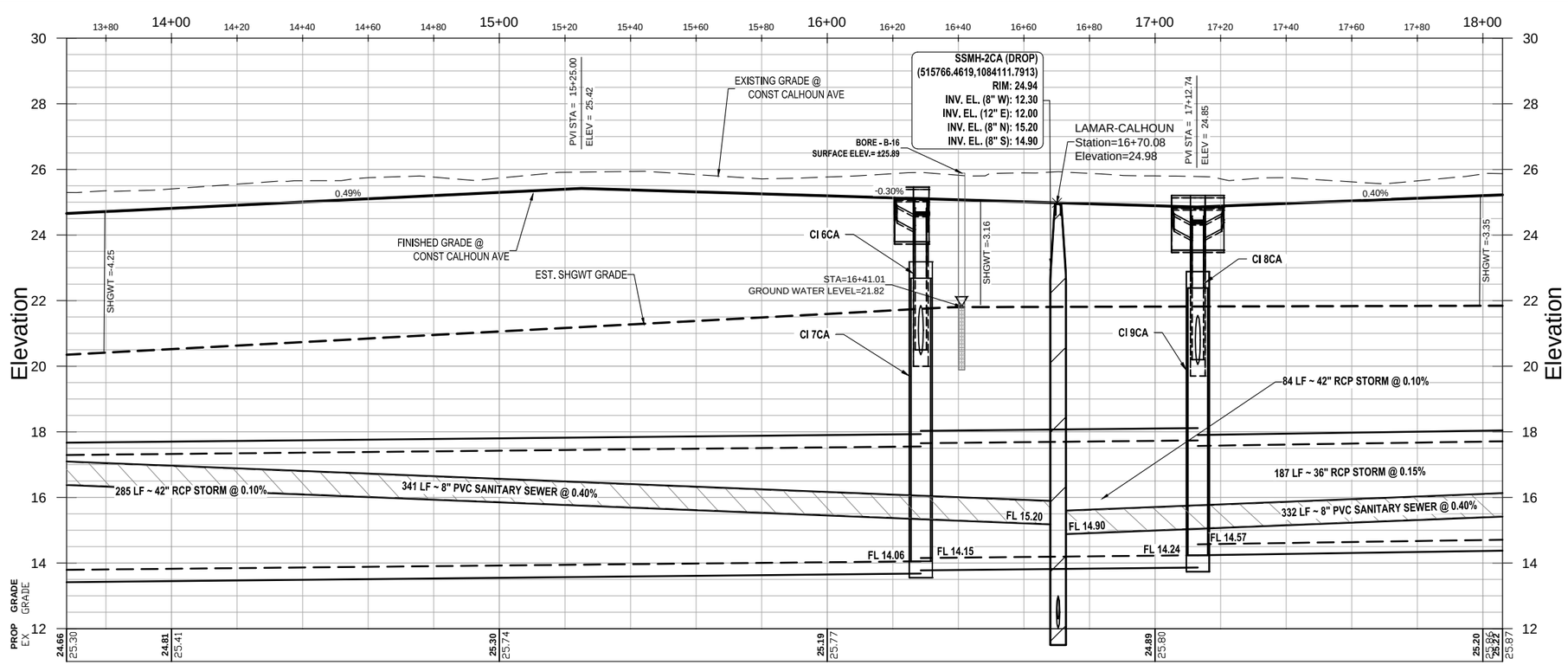

CALHOUN AVENUE
PLAN AND PROFILE SHEET
STA. 13+38 TO STA. 18+06

ESCAMBIA COUNTY · WORKS · ENGINEERING

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: SEPTEMBER, 2014	PROJECT MANAGER: CHRIS A. GERB
DISTRICT: 2	DATE:
FIELD BOOK/PAGES: TC30 / 1-36	SECTION/TOWNSHIP/RANGE 35 / 2-S / 31-W
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.12
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.12.2

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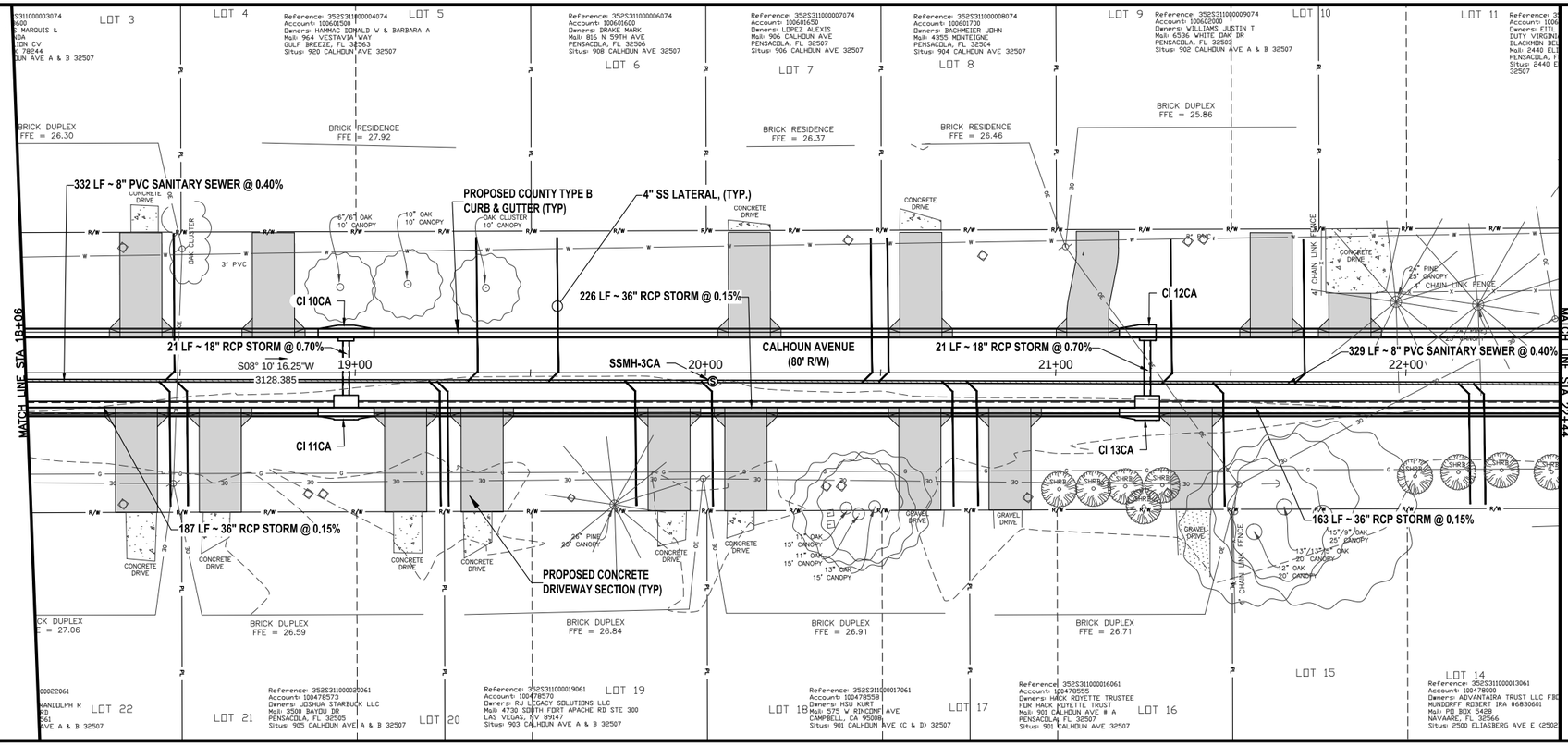

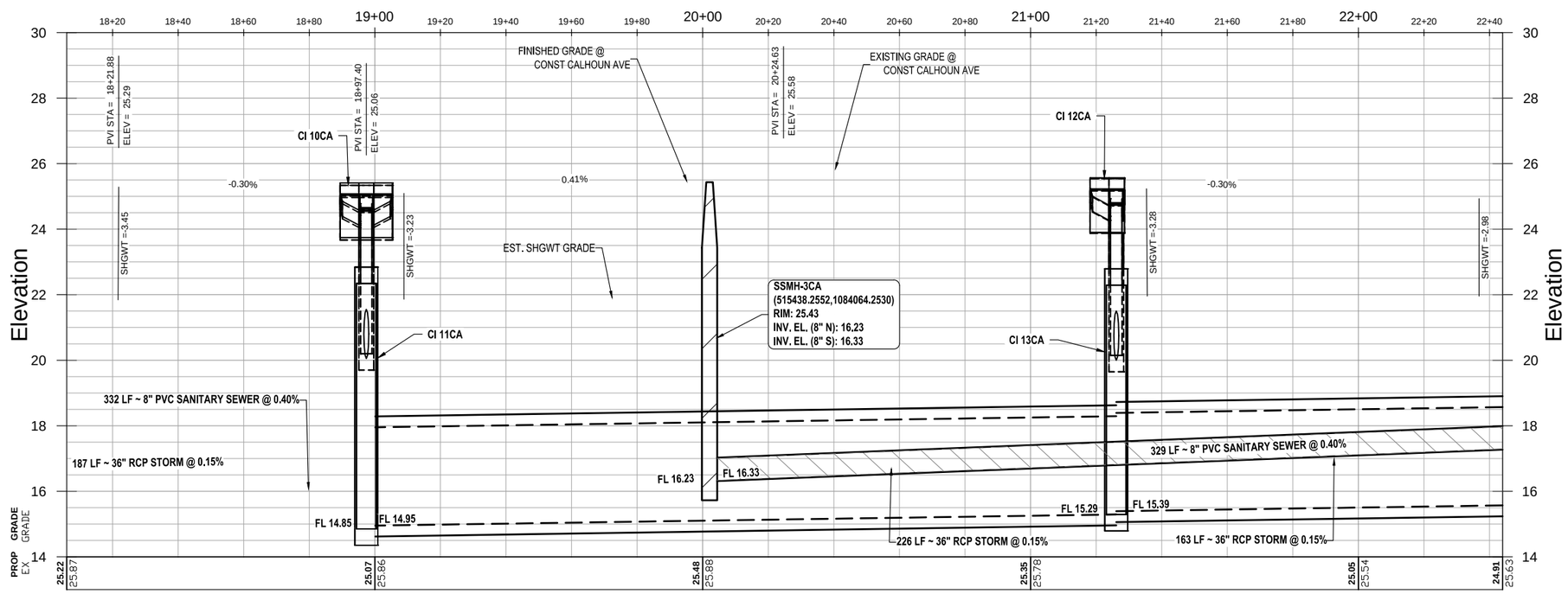

CALHOUN AVENUE
PLAN AND PROFILE SHEET
STA. 18+06 TO STA. 22+44

ESCAMBIA COUNTY · WORK TOGETHER

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: SEPTEMBER, 2014	PROJECT MANAGER: CHRIS A. GERB	DISTRICT: 2	SIGNATURE:
FIELD BOOK/PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W		

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.12

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 1.12.3

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SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
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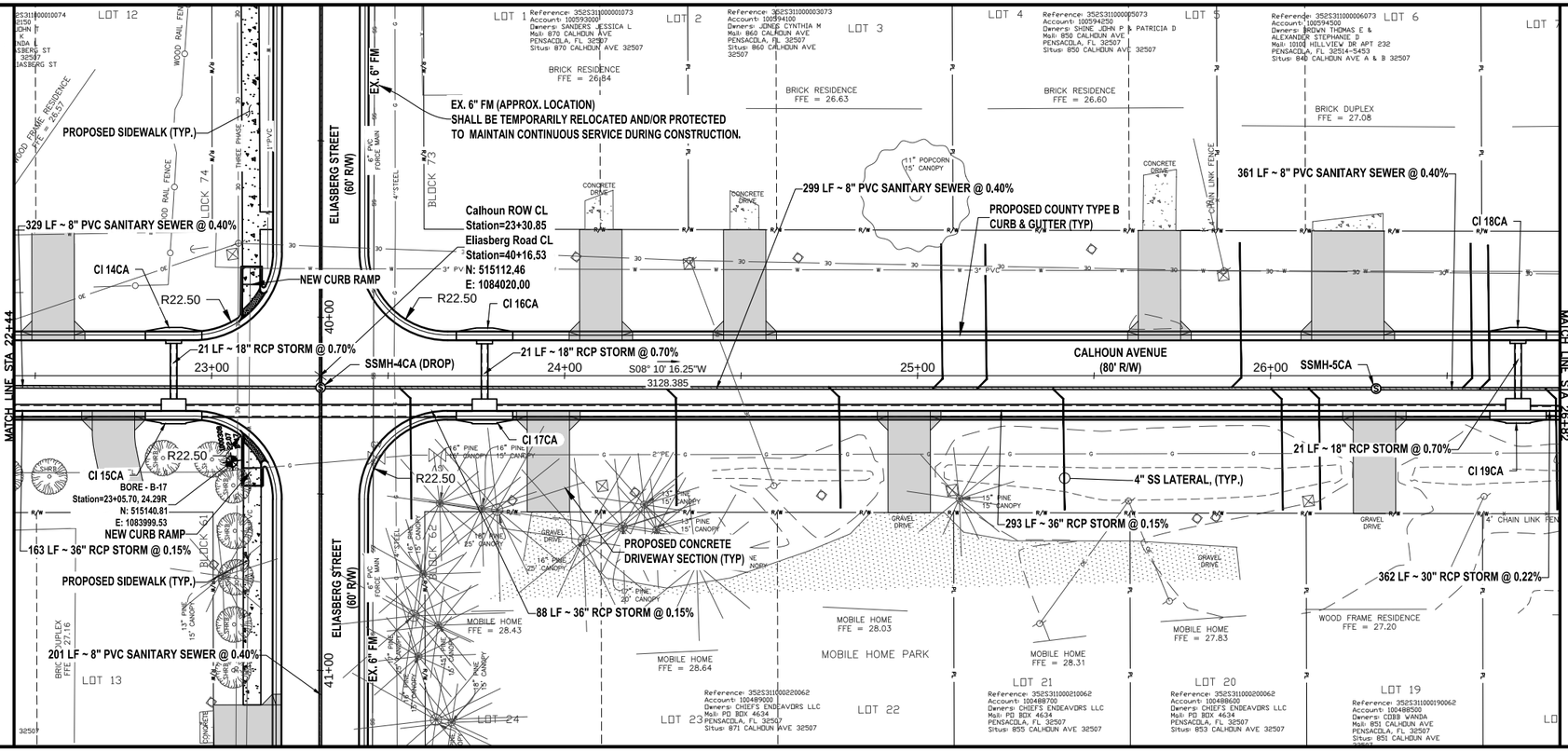

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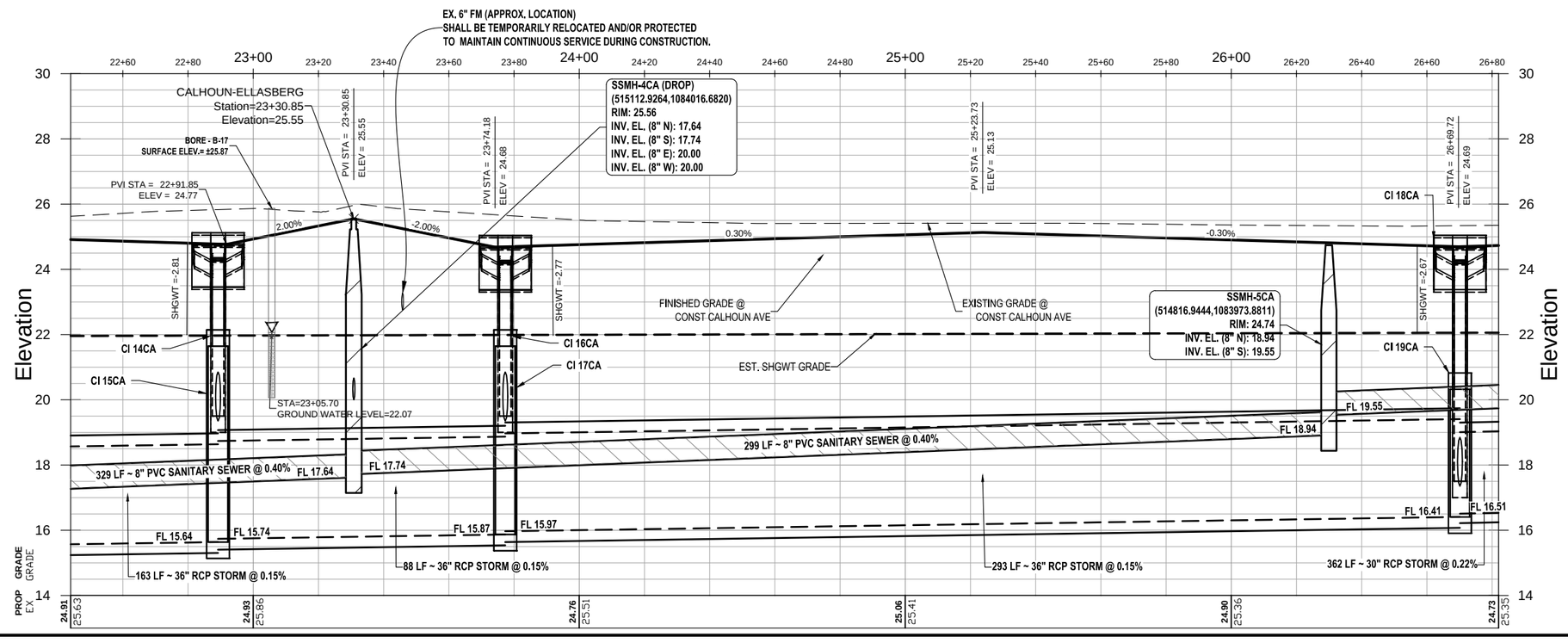
SCALE IN FEET



4' 2' 1' 0'

CALHOUN AVENUE
PLAN AND PROFILE SHEET
STA. 22+44 TO STA. 26+82

ESCAMBIA COUNTY · WORKS TOGETHER

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: SEPTEMBER, 2014	PROJECT MANAGER: CHRIS A. GERB
FIELD BOOK/PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W
	DATE:
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.12
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.12.4

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SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
		CHANGE INCORPORATION	(Yellow Highlighter)

DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
DATE	REMARK INCORPORATION	(Blue Highlighter)	DATE
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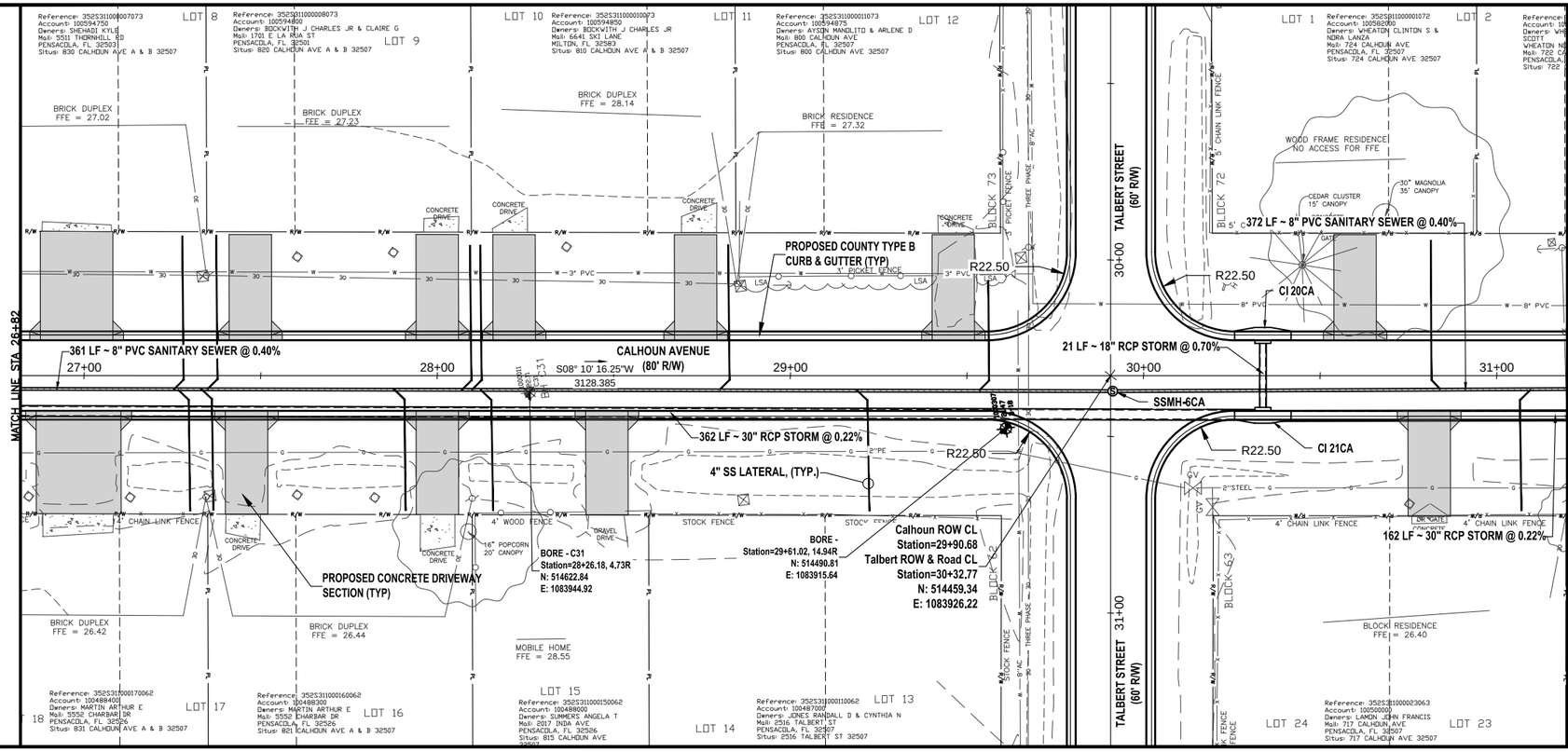

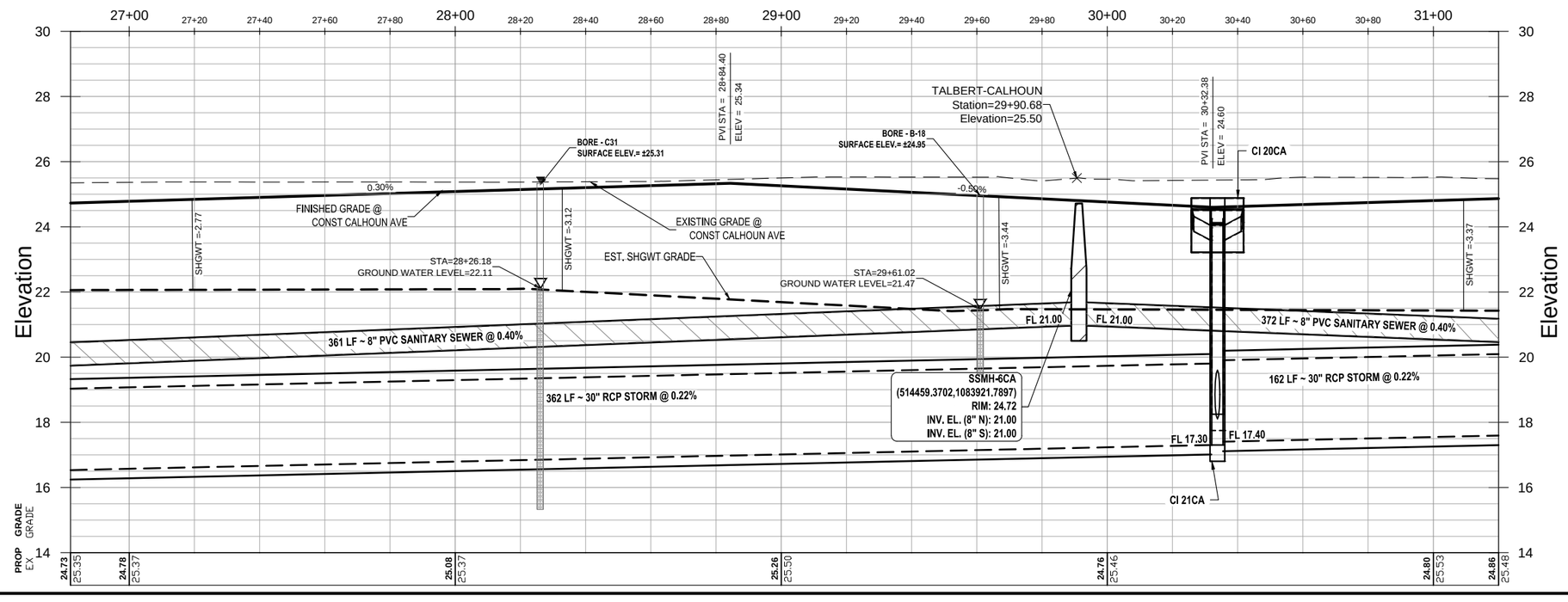

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SCALE IN FEET

CALHOUN AVENUE
PLAN AND PROFILE SHEET
STA. 26+82 TO STA. 31+20

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: SEPTEMBER, 2014	PROJECT MANAGER: CHRIS A. GERB	DISTRICT: 2	SIGNATURE:
FIELD BOOK/PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W		

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.12
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.12.5

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PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (DR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (DR)	(Blue Highlighter)	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
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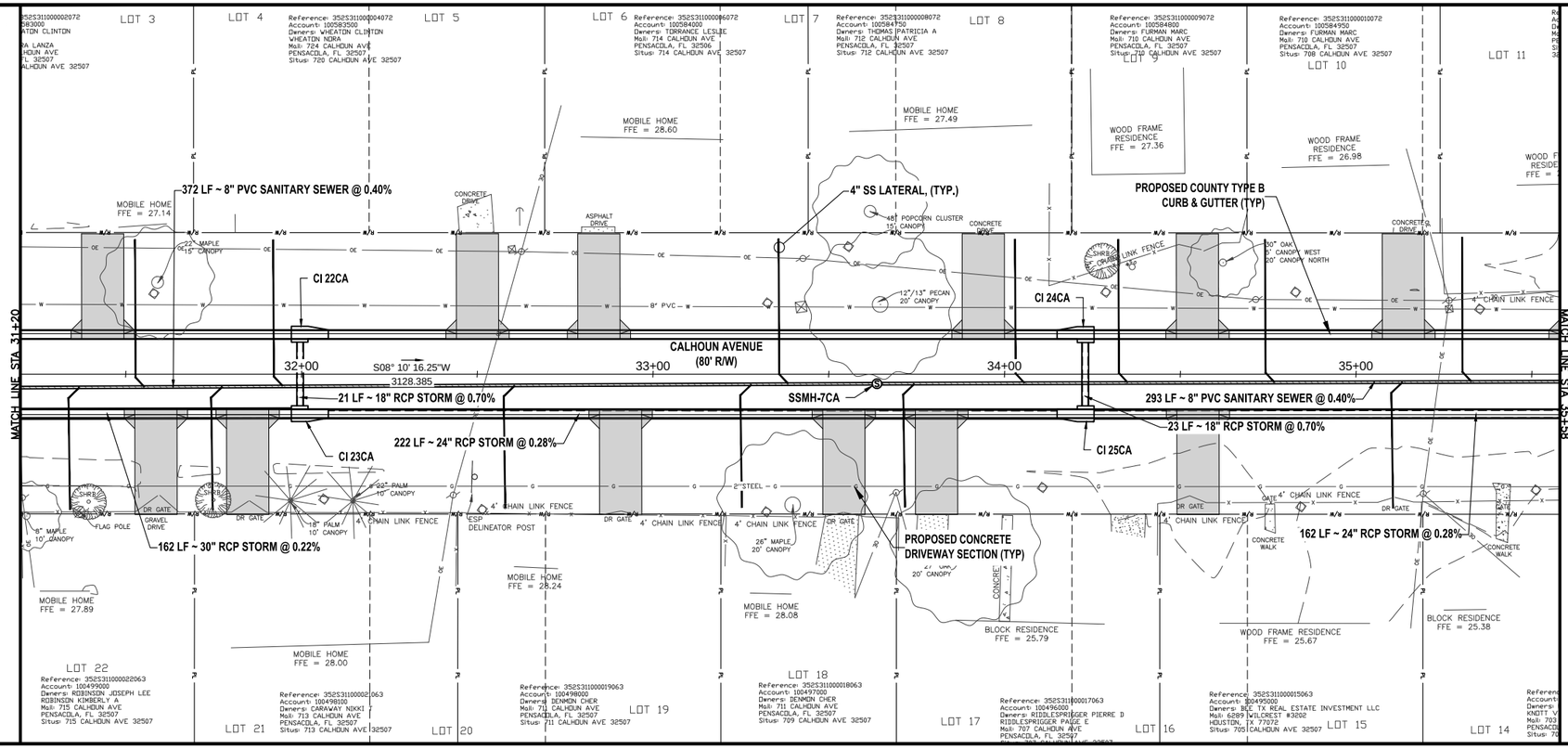

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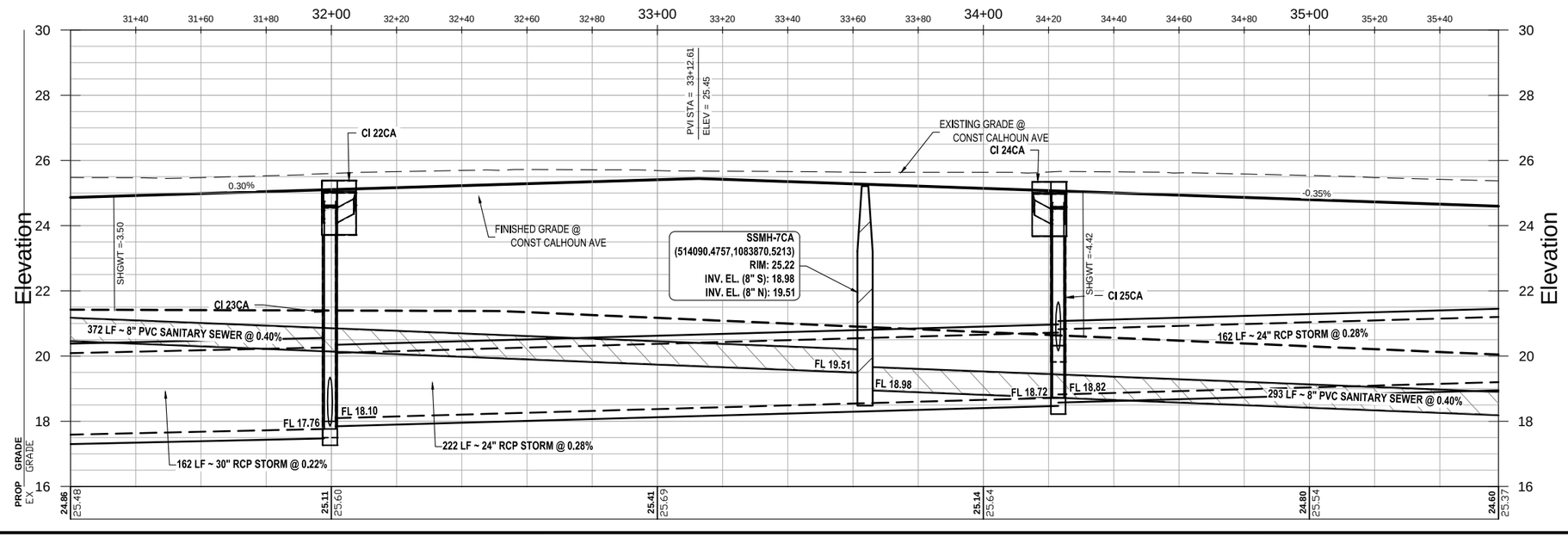
SCALE IN FEET



4'
2'
1'
0'

CALHOUN AVENUE
PLAN AND PROFILE SHEET
STA. 31+20 TO STA. 35+58

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: SEPTEMBER, 2014	PROJECT MANAGER: CHRIS A. CLER
PROJ. SECT: 2	DATE:
TITLE BLOCK/PAGE: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.12
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.12.6

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PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION CHECKER (OR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	ORIGINATOR (OR) Correct (Green Highlighter) Change (Red Pen)	REMARK INCORPORATION (Blue Highlighter)	DATE
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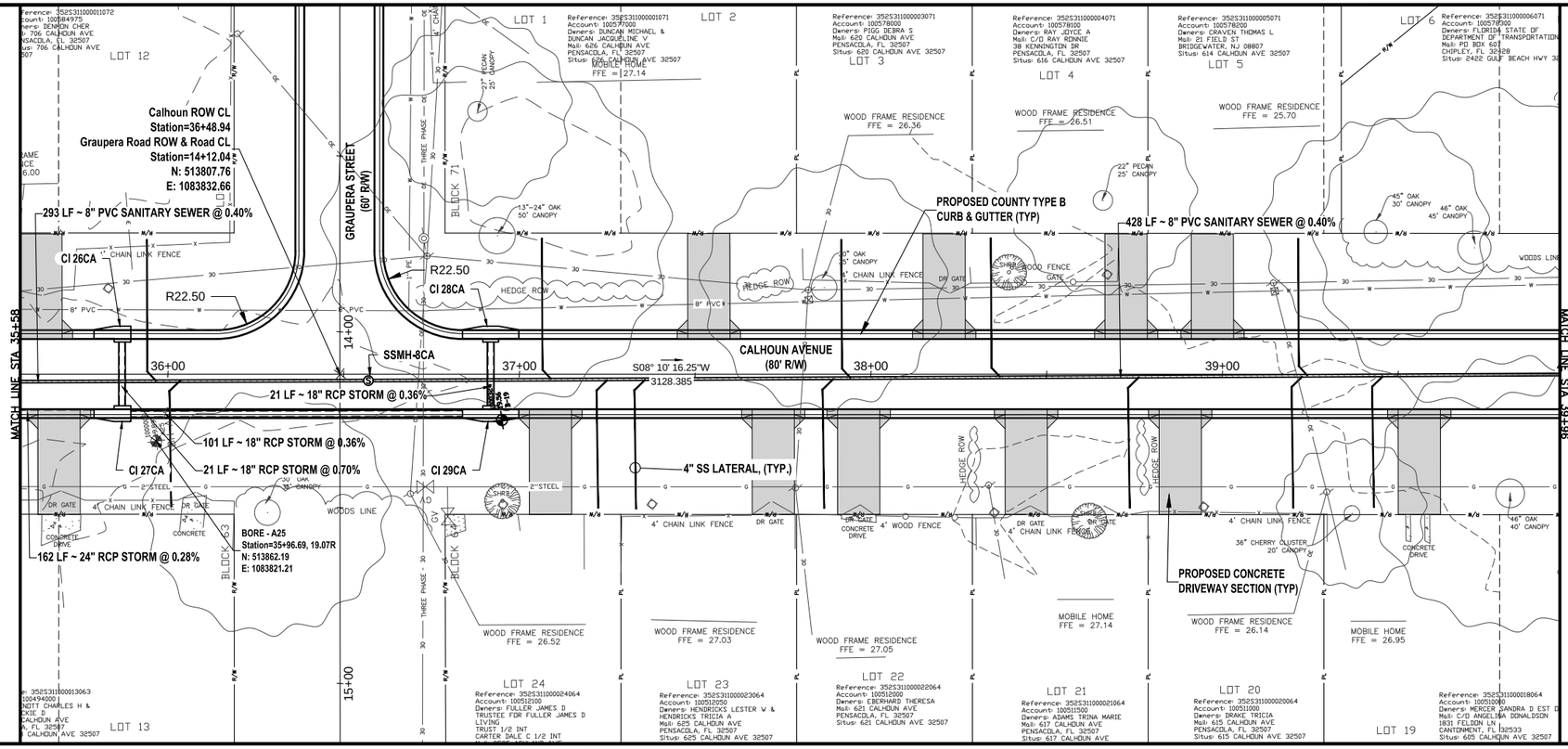
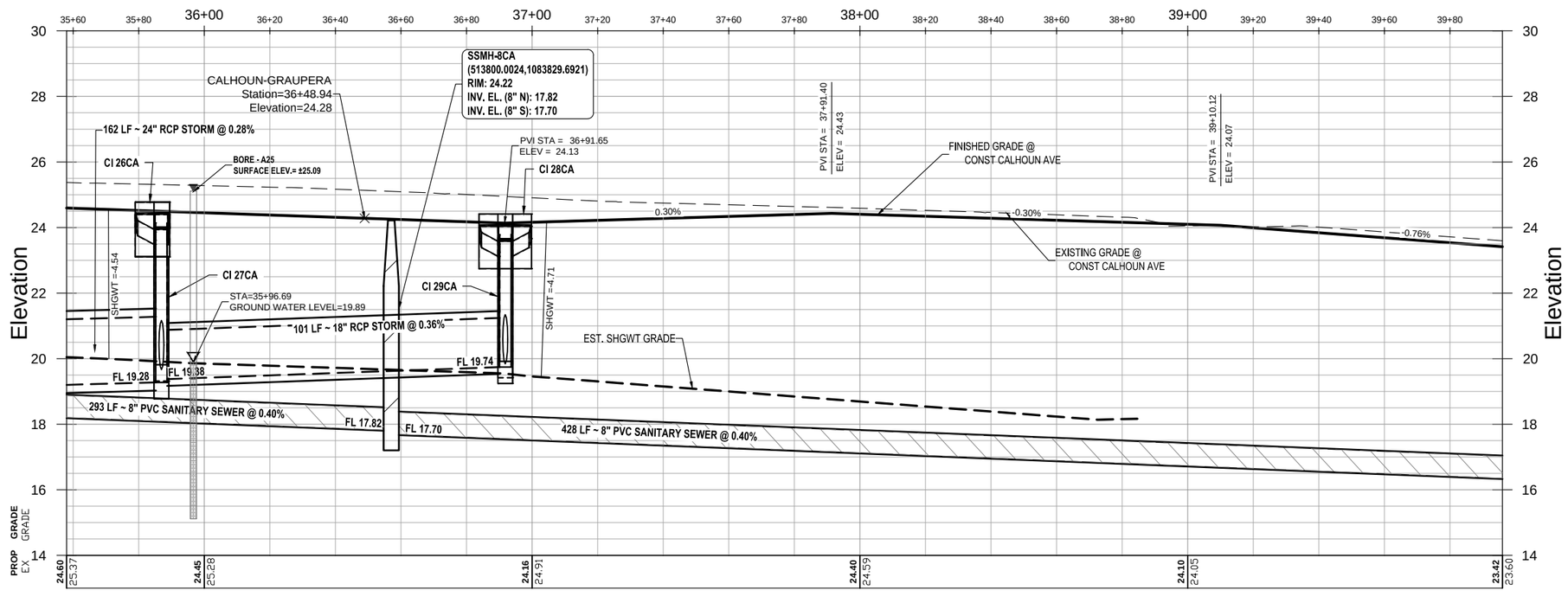
	CHANGE INCORPORATION (Yellow Highlighter)			





CALHOUN AVENUE
PLAN AND PROFILE SHEET
STA. 35+58 TO STA. 39+96

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: SEPTEMBER, 2014	PROJECT MANAGER: CHRIS A. GERB
DISTRICT: 3	DATE:
FIELD BOOK/PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

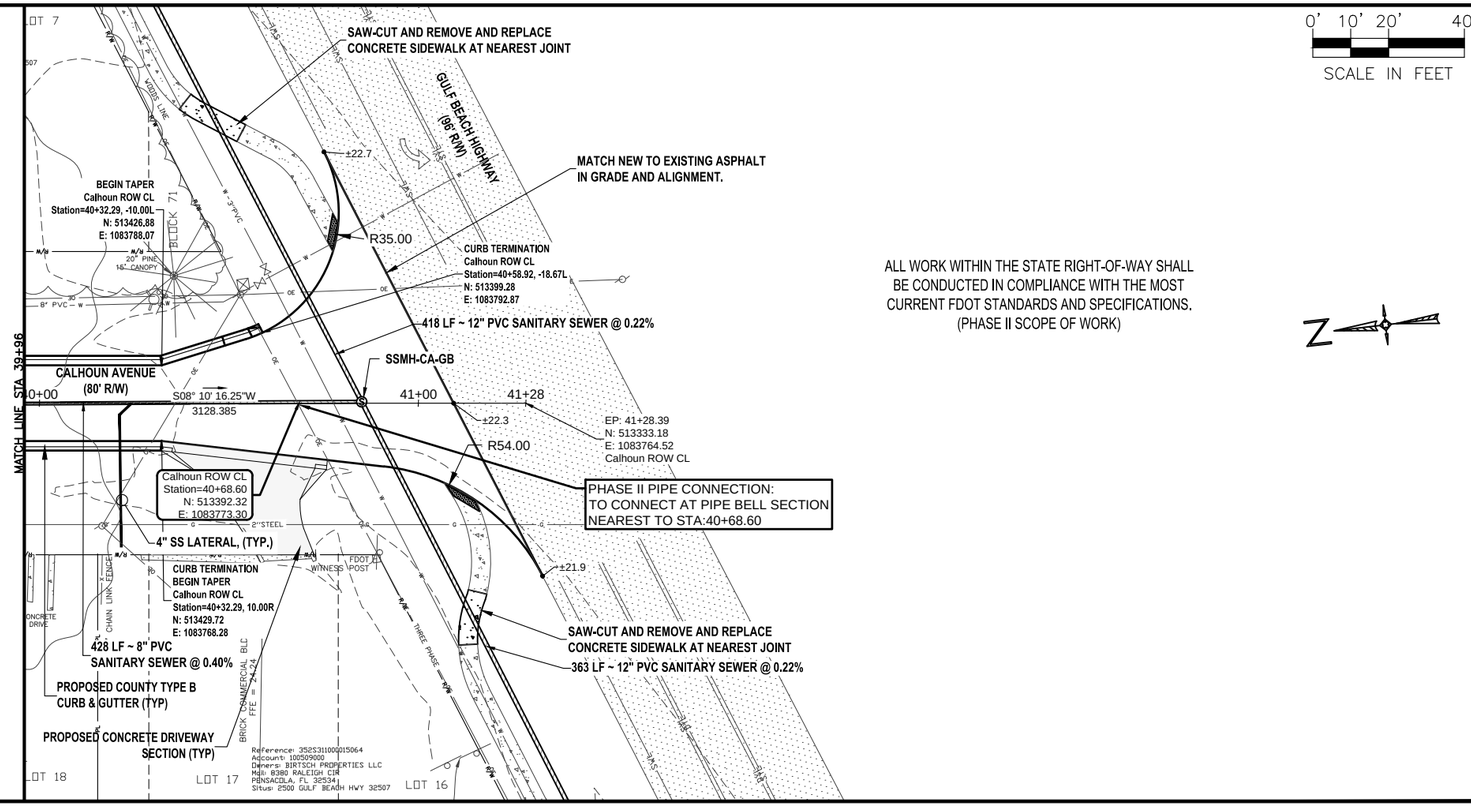
DRAWING NUMBER 1.12
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.12.7

PHASE	REVIEW	ORIGINATOR (RP)	DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)			
SIGNATURE:			

VERIFICATION CHECKER (OR) (Blue Highlighter)			
REMARK INCORPORATION (Blue Highlighter)			
ORIGINATOR VERIFICATION Correct (Pink Highlighter)			

ORIGINATOR (RP)	Correct (Green Highlighter)	Change (Red Pen)	
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)		
CHANGE INCORPORATION	(Yellow Highlighter)		

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.12 Calhoun AvenuePP - PH II.dwg, May 25, 2023 - 10:21:22AM, gpotter



0' 10' 20' 40'
SCALE IN FEET

ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS. (PHASE II SCOPE OF WORK)

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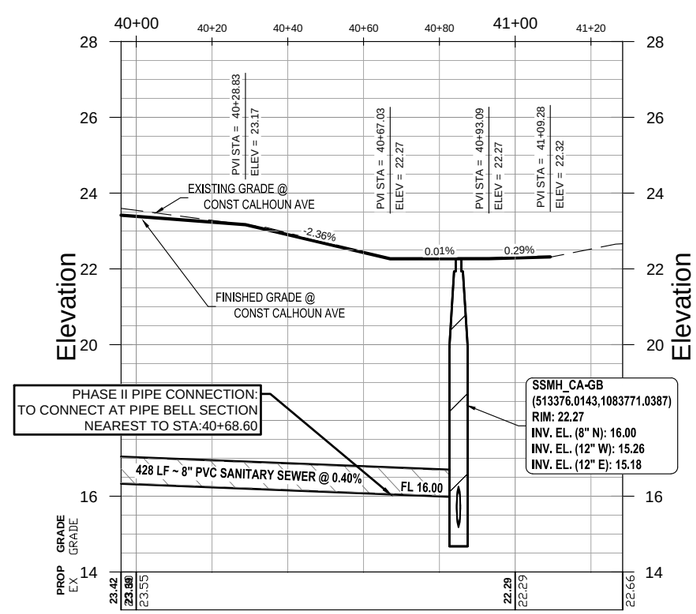


PHASE II:

ALL FDOT R/W WORK
INCLUDING PIPING TO COUNTY R/W

4'
2'
1'
0'

CALHOUN AVENUE
PLAN AND PROFILE SHEET
STA. 39+96 TO STA. 41+28

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GWHTAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: SEPTEMBER 2014	PROJECT MANAGER: CHRIS A. CHOB	DISTRICT: 3	SIGNATURE:
FIELD BOOK/PAGES: TC20 / 1-35		SECTION/TOWNSHIP/RANGE: 35 / 2-S / 31-W	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.12

PROJECT NUMBER PD 11-12.030

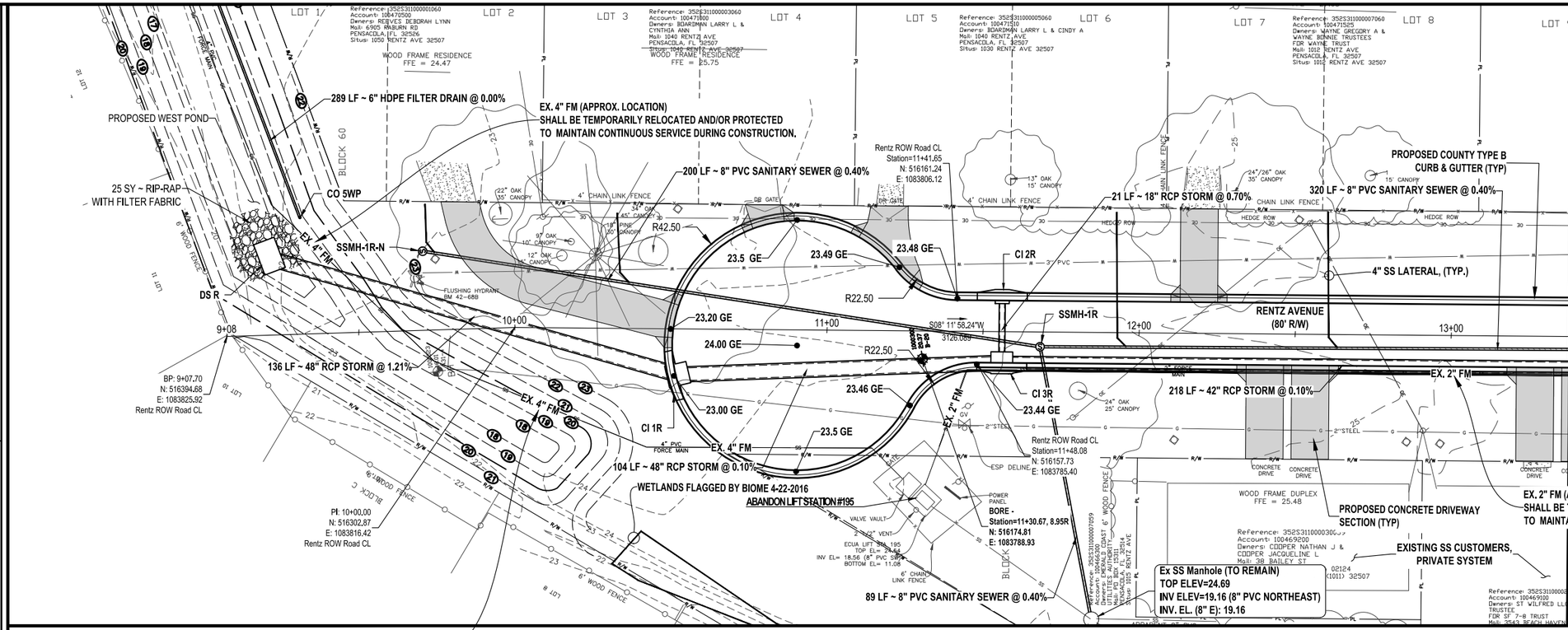
SURVEY NUMBER jhi-120016.S

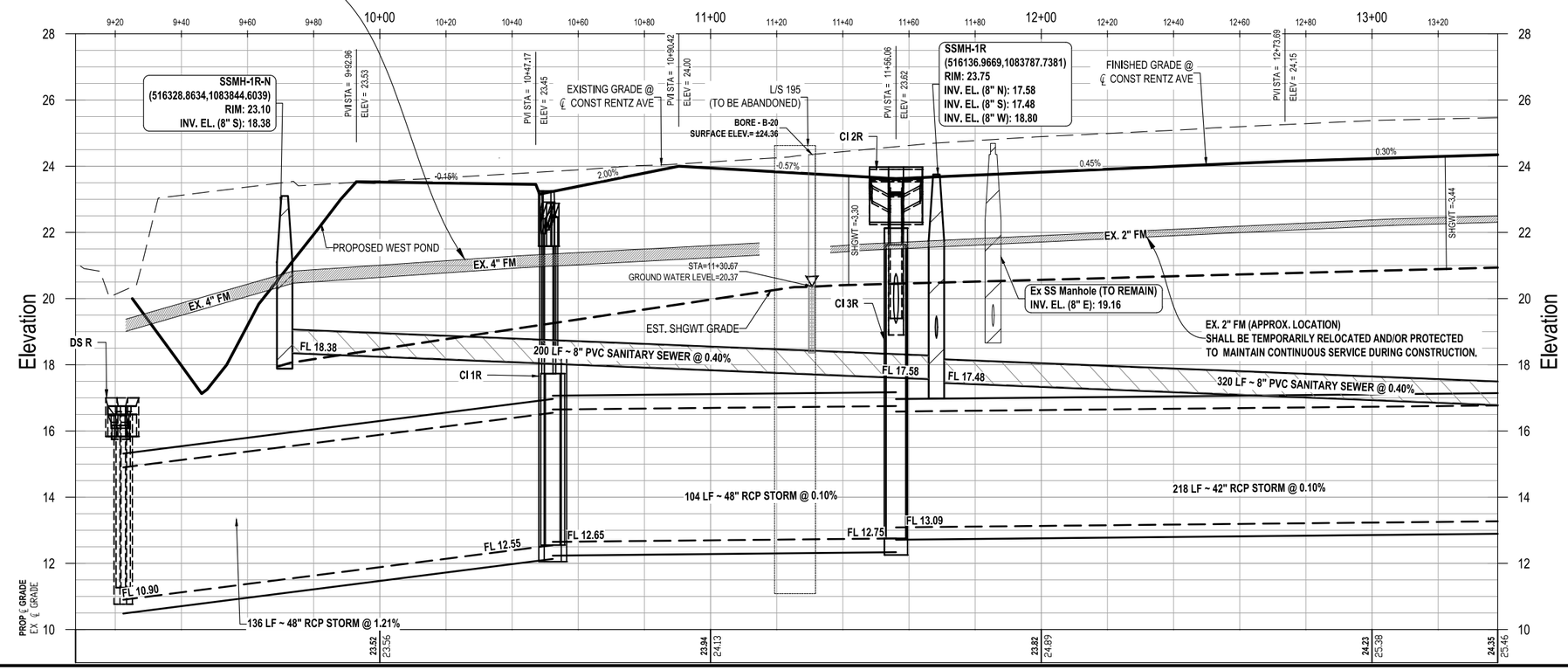
SHEET 1.12.8

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.12 Calhoun AvenuePP - PH II.dwg, May 25, 2023 - 10:21:56AM, gpotter

PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)		
CHECKER (RP)	(Red Pen X-Out to Discgree or Remark)		
CHANGE INCORPORATION	(Yellow Highlighter)		





RENTZ AVENUE
PLAN AND PROFILE SHEET
STA. 09+08 TO STA. 13+38

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W
CHECKED BY: GPH	REG. FLA. ENG. NO.: 43970
DISTRICT: 2	DATE:
SIGNATURE:	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.13
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.13.1

VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE	
REMARK INCORPORATION	(Blue Highlighter)	DATE	
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE	
ORIGINATOR (RP)	Correct (Green Highlighter) Change (Red Pen)	DATE	
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE	
CHANGE INCORPORATION	(Yellow Highlighter)	DATE	
ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	

PHASE ____ REVIEW

SIGNATURE:

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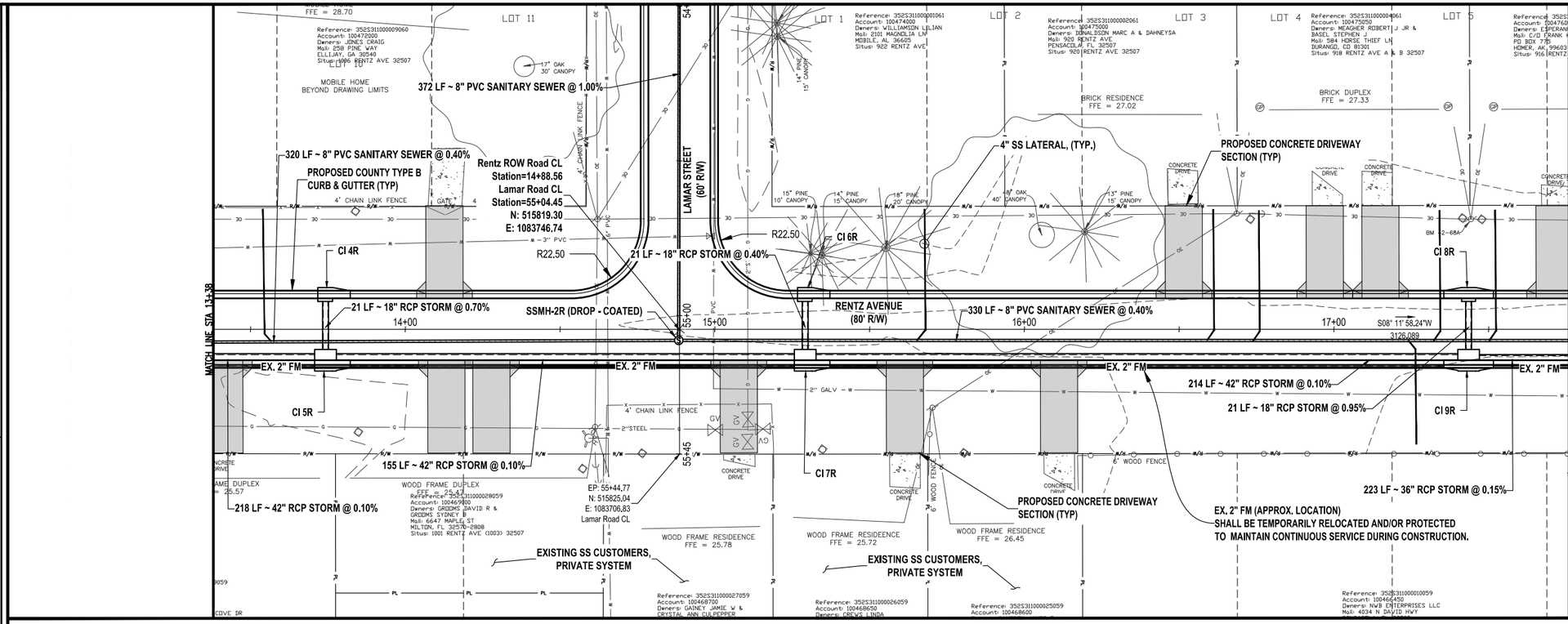

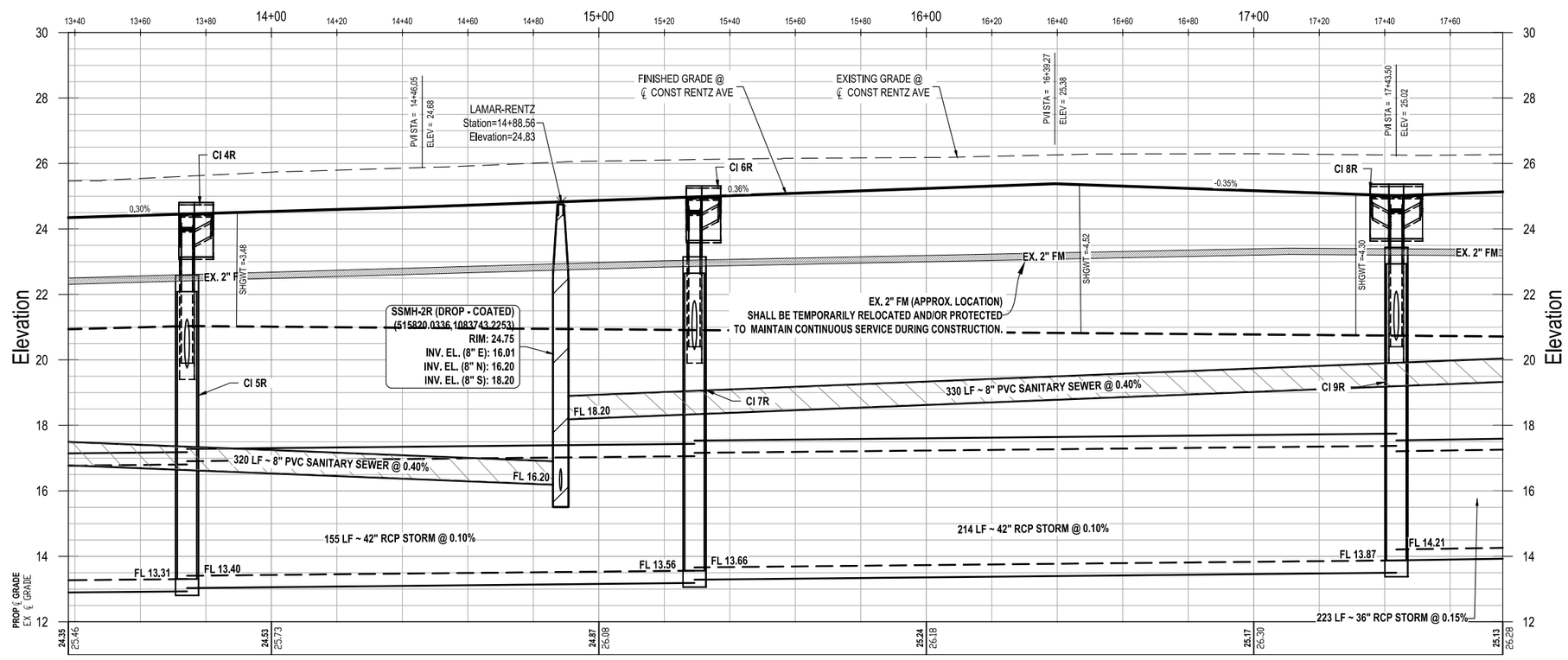

RENTZ AVENUE

PLAN AND PROFILE SHEET

STA. 13+38 TO STA. 17+76

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY:	GPH/TAH
DATE:	MAY 2023
FIELD BOOK / PAGES:	TC30 / 1-35
DESIGNED BY:	GPH
PROJECT MANAGER:	CHRIS A. CURB
CHECKED BY:	GPH
DISTRICT:	2
SECTION / TOWNSHIP / RANGE:	35 / 2-S / 31-W
REG. PLS. ENG. NO.	43970
SIGNATURE:	
DATE:	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.13

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 1.13.2

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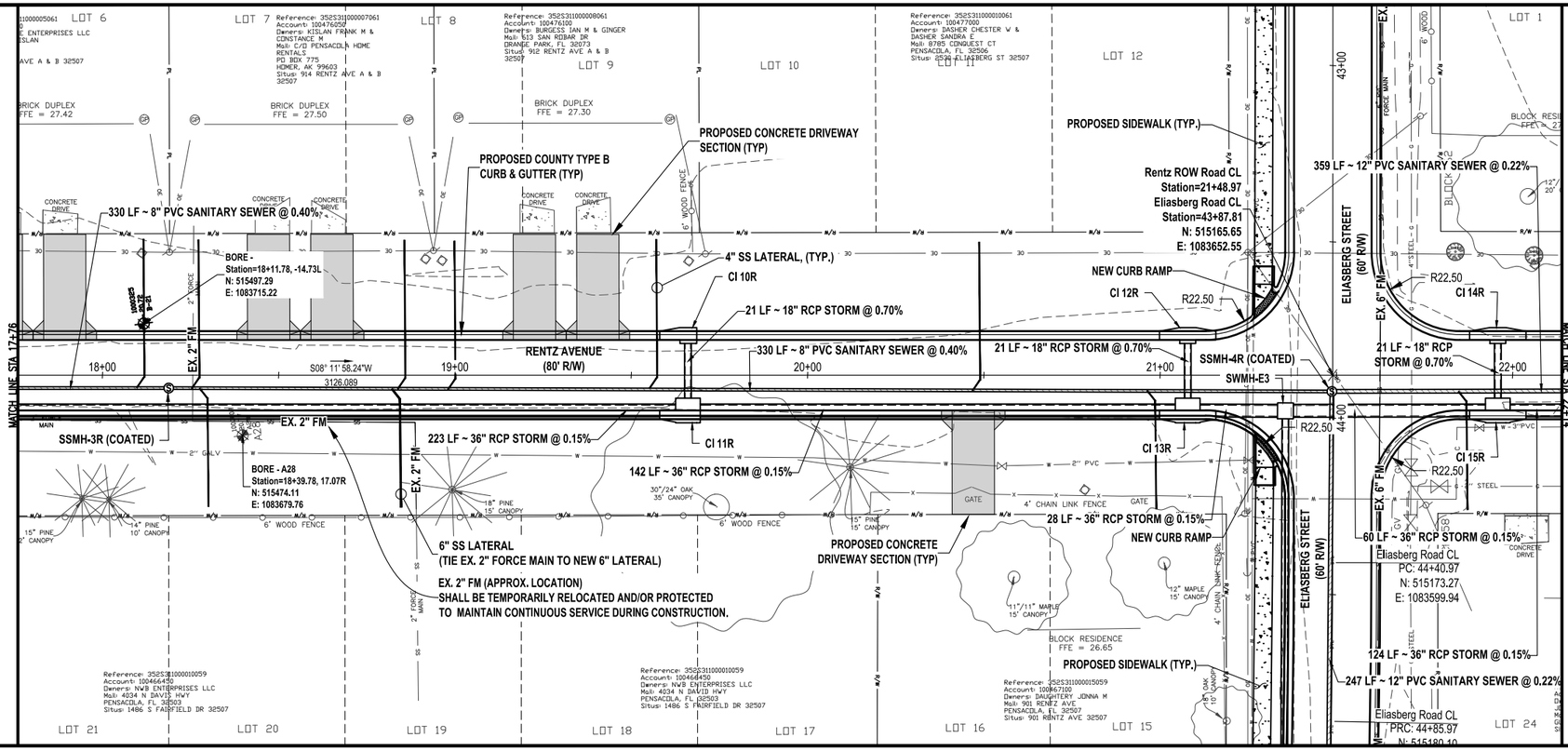
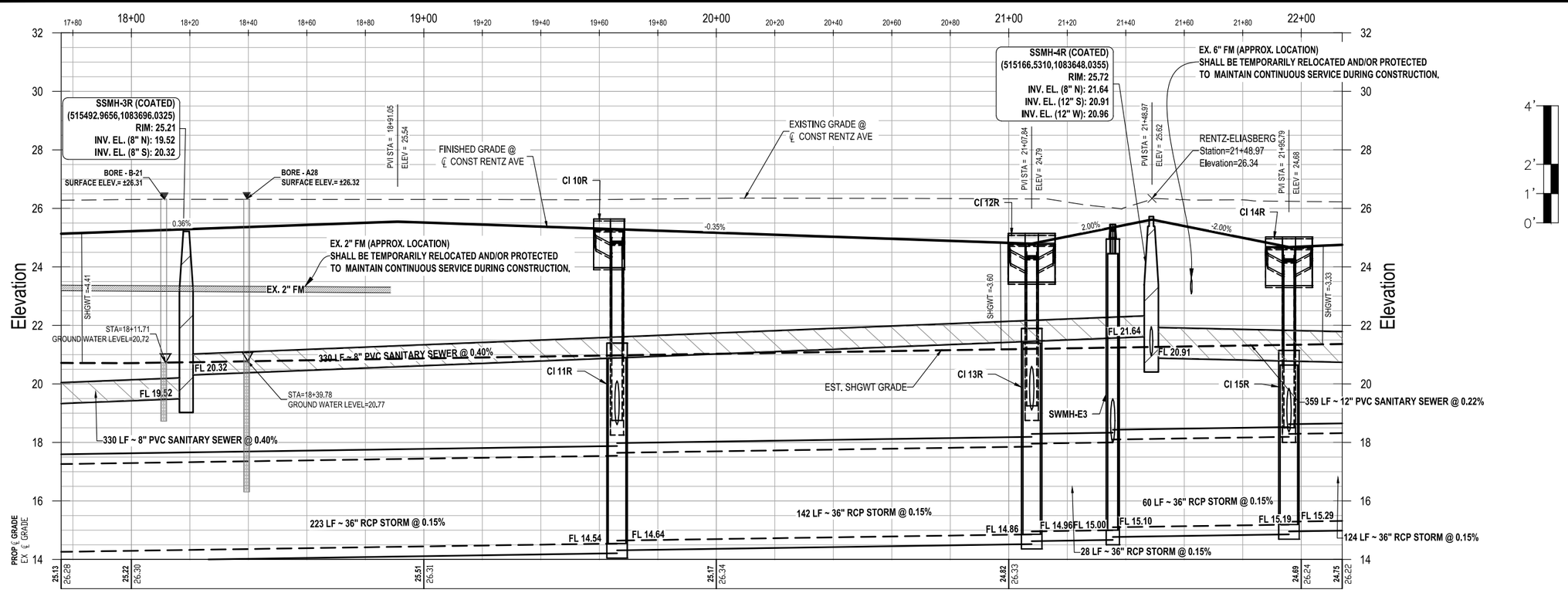
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (OR) Correct (Green Highlighter) Change (Red Pen)
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)
SIGNATURE:			CHANGE INCORPORATION (Yellow Highlighter)

VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE	
REMARK INCORPORATION	(Blue Highlighter)	DATE	
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE	





0' 10' 20' 40'
SCALE IN FEET

RENTZ AVENUE
PLAN AND PROFILE SHEET
STA. 17+76 TO STA. 22+14

ESCAMBIA COUNTY · WORKS TOGETHER

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DIST PROJ.: 2	SIGNATURE:
TITLE BLOCK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W		

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.13
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.13.3

PHASE ____ REVIEW	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	ORIGINATOR (GR)	CHECKER (RP)	CHANGE INCORPORATION
SIGNATURE:			DATE		

VERIFICATION, CHECKER (GR)	REMARK INCORPORATION	ORIGINATOR VERIFICATION
(Blue Highlighter)	(Blue Highlighter)	Correct (Pink Highlighter)
DATE	DATE	DATE

Correct (Green Highlighter)	Change (Red Pen)
(Red Pen X-Out to Disagree or Remark)	
(Yellow Highlighter)	

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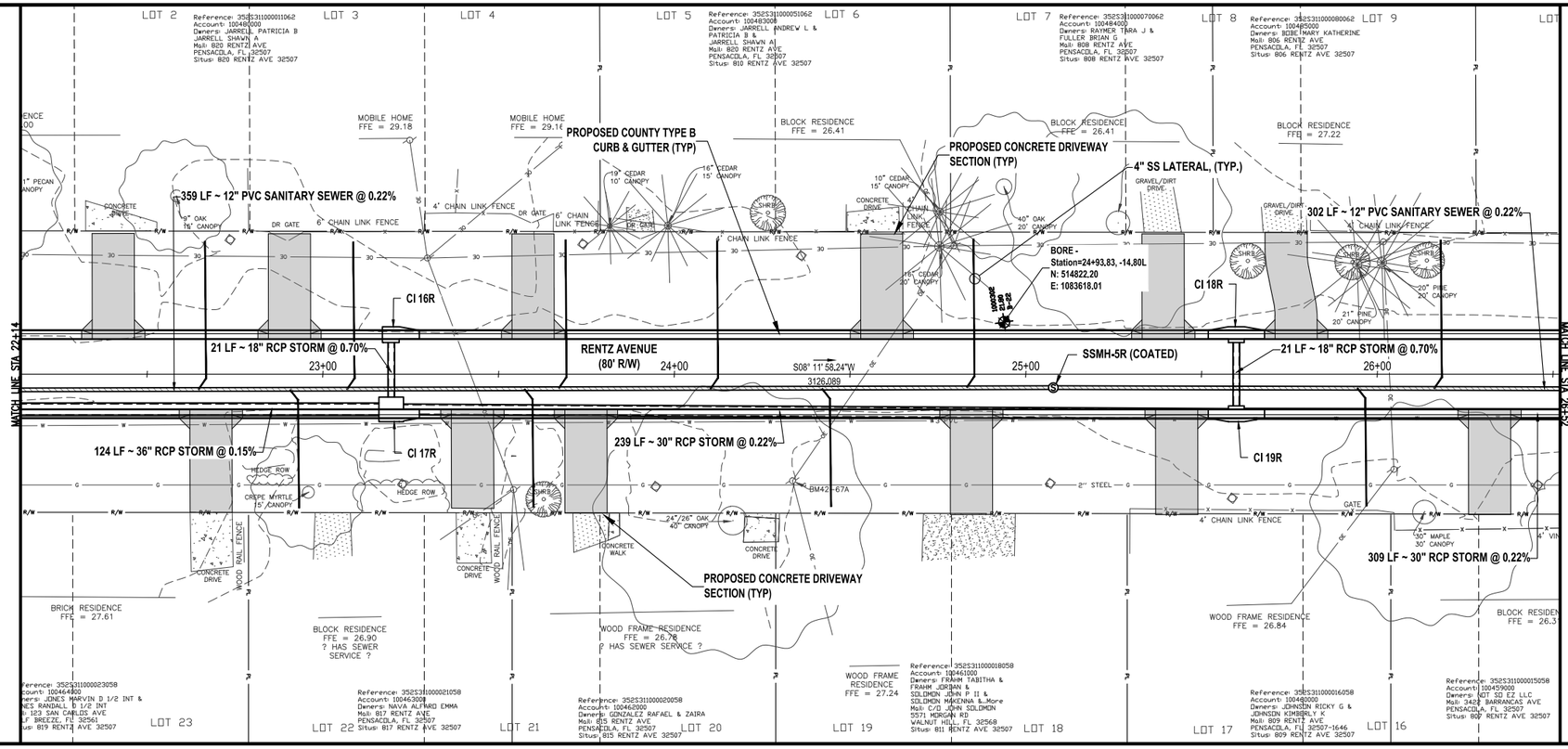

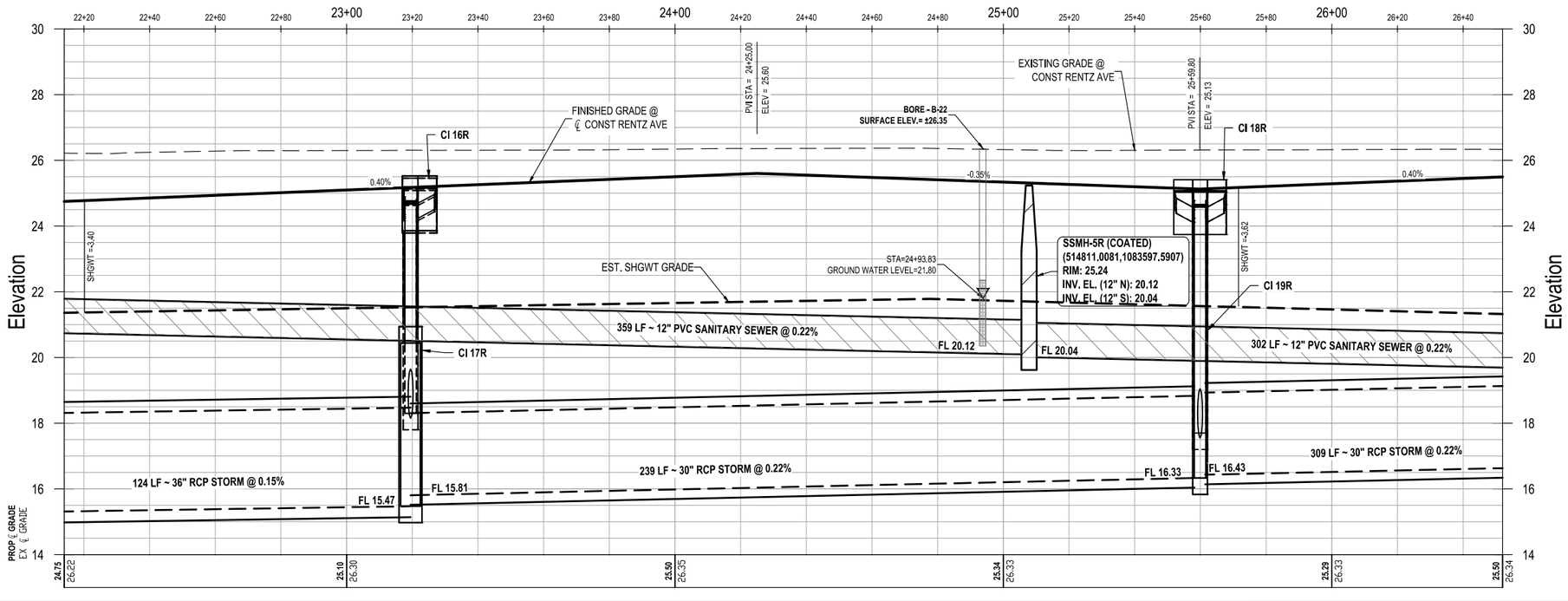

RENTZ AVENUE
PLAN AND PROFILE SHEET
STA. 22+14 TO STA. 26+52

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. GERB	FIRST SHEET: 2	DATE:
TITLE BLOCK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.13
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.13.4

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
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	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)			
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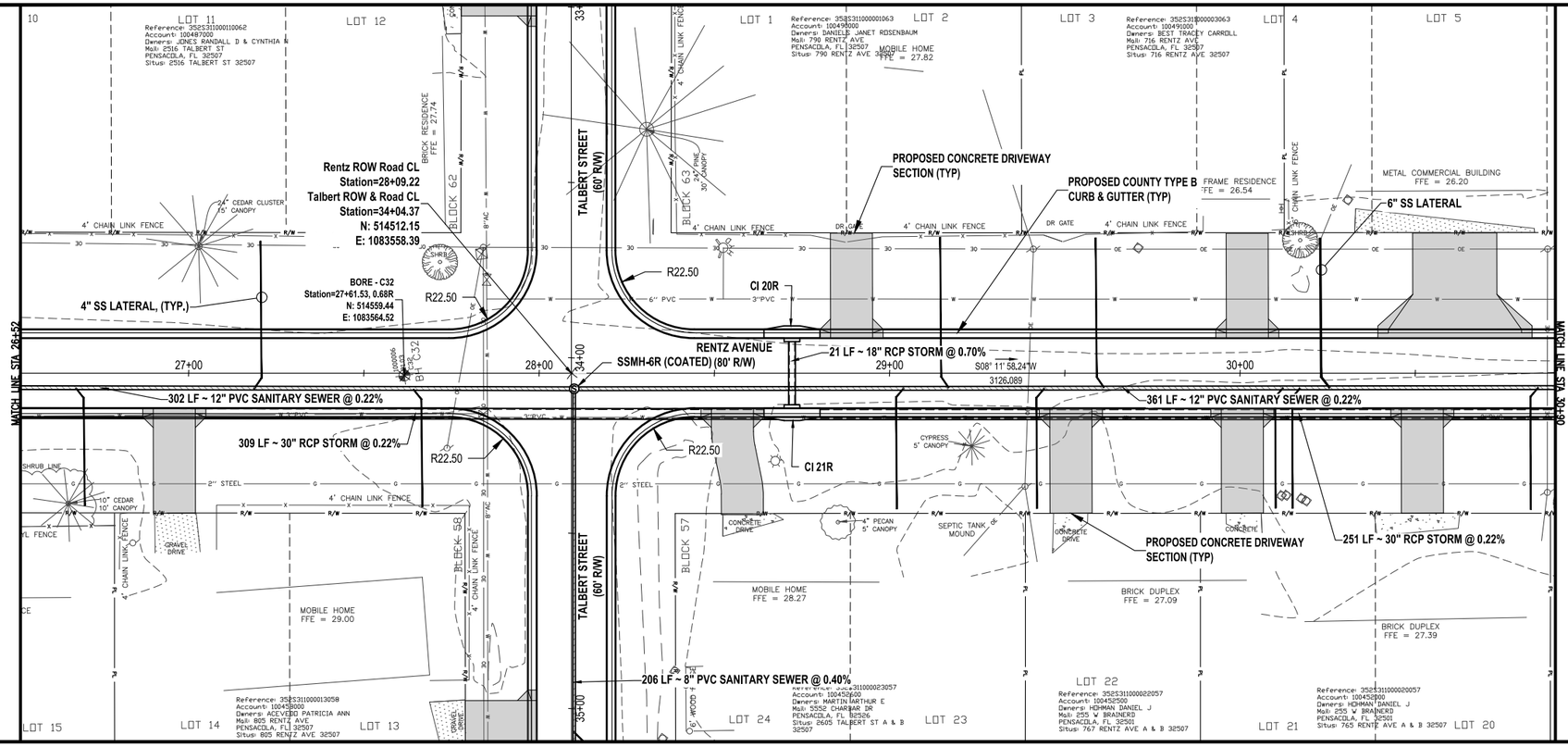

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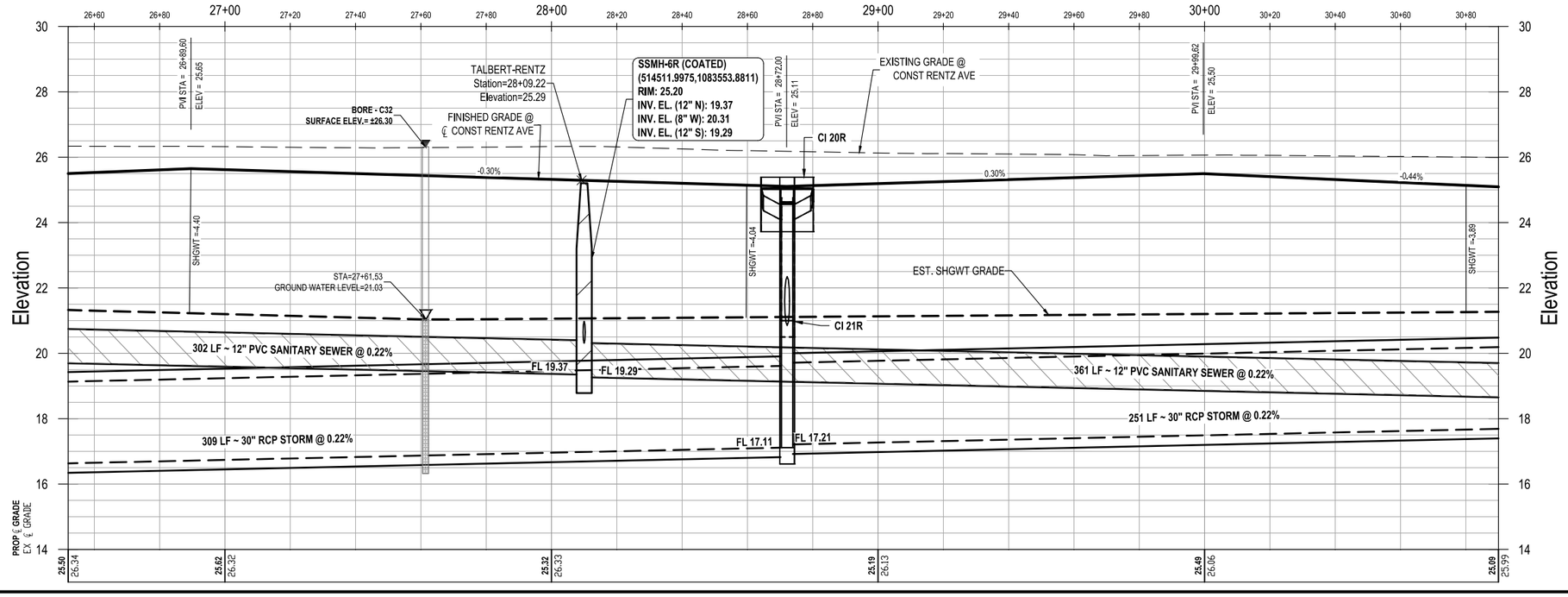
SCALE IN FEET



4' 2' 1' 0'

RENTZ AVENUE
PLAN AND PROFILE SHEET
STA. 26+52 TO STA. 30+90

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	EST. SECT: 2	DATE:
TITLE BLOCK / PAGES: TC30 / 1-35		SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.13
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.13.5

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PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (RP)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
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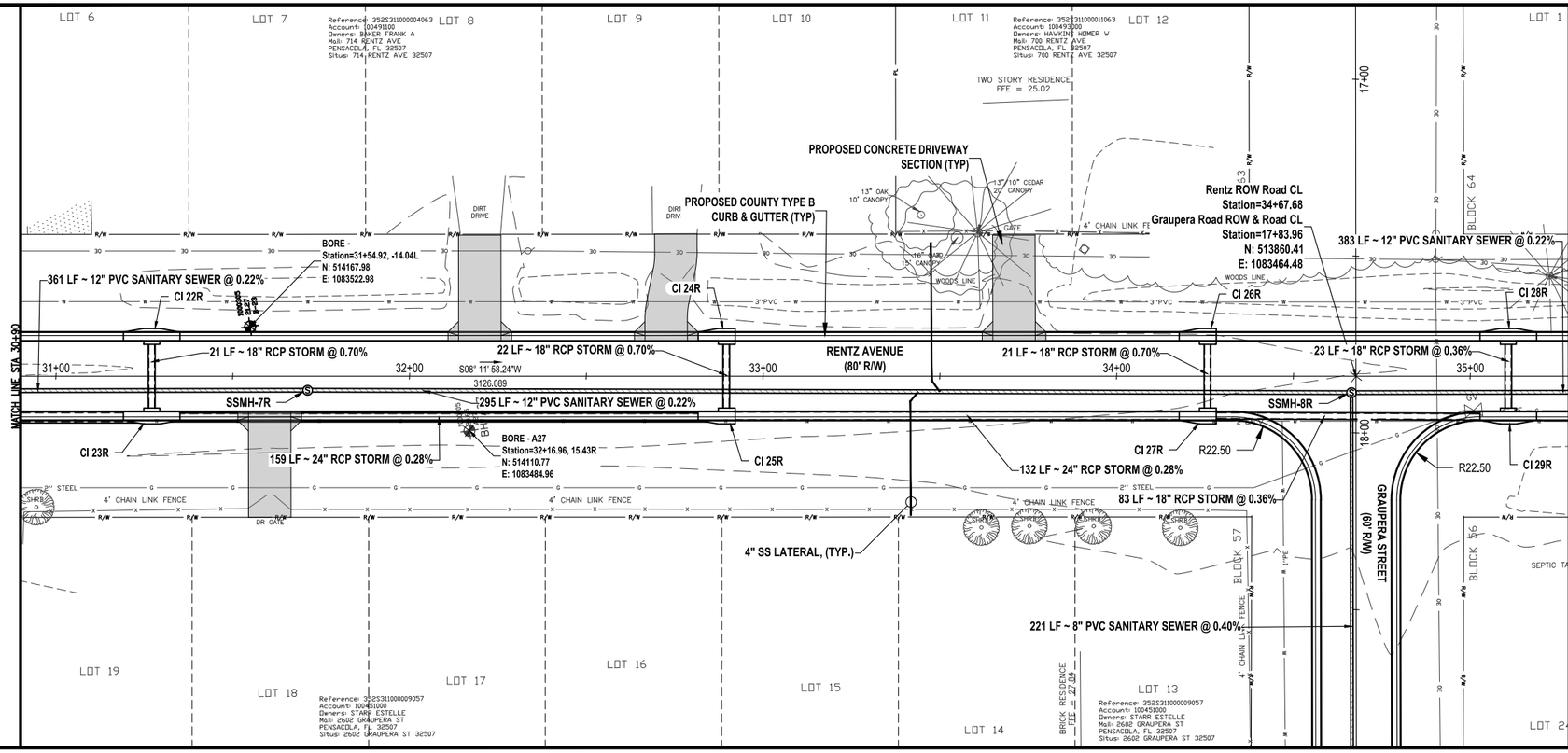

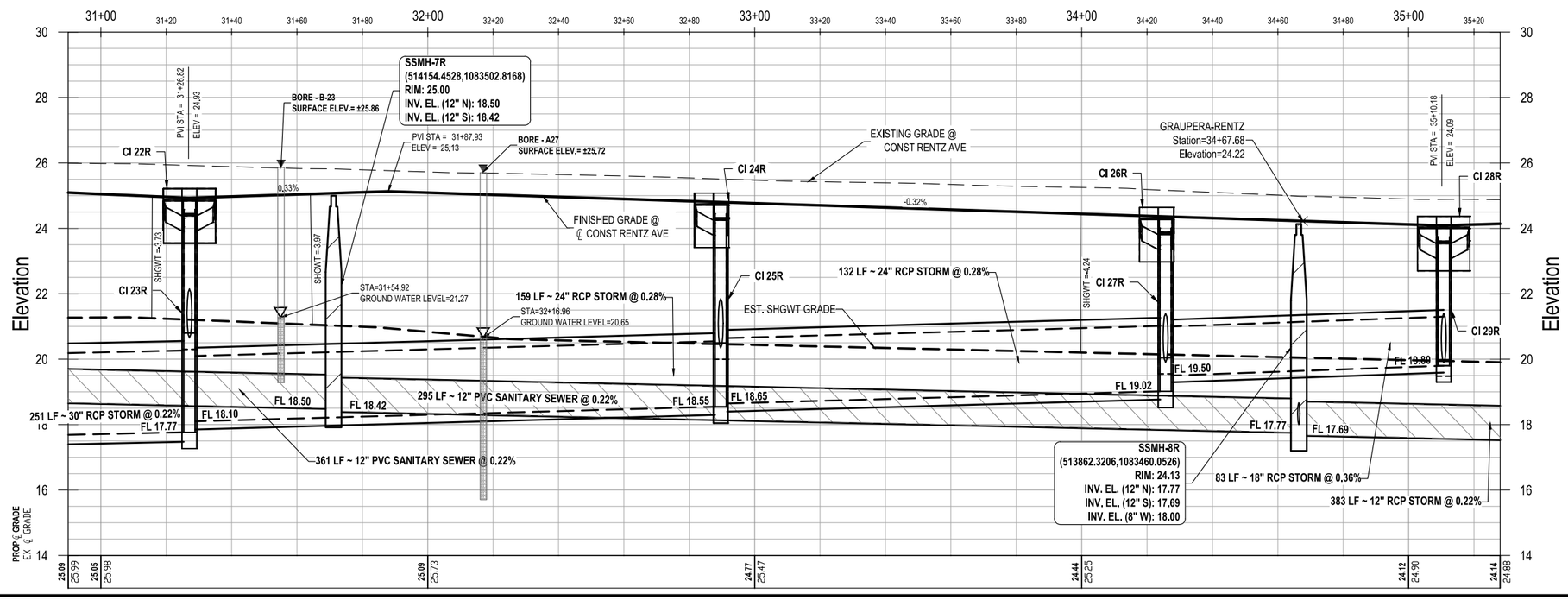

RENTZ AVENUE
PLAN AND PROFILE SHEET
STA. 30+90 TO STA. 35+28

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CLER
TITLE BLOCK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W
CHECKED BY: GPH	REG. FLA. ENG. NO.: 43970
DATE:	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.13
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.13.6

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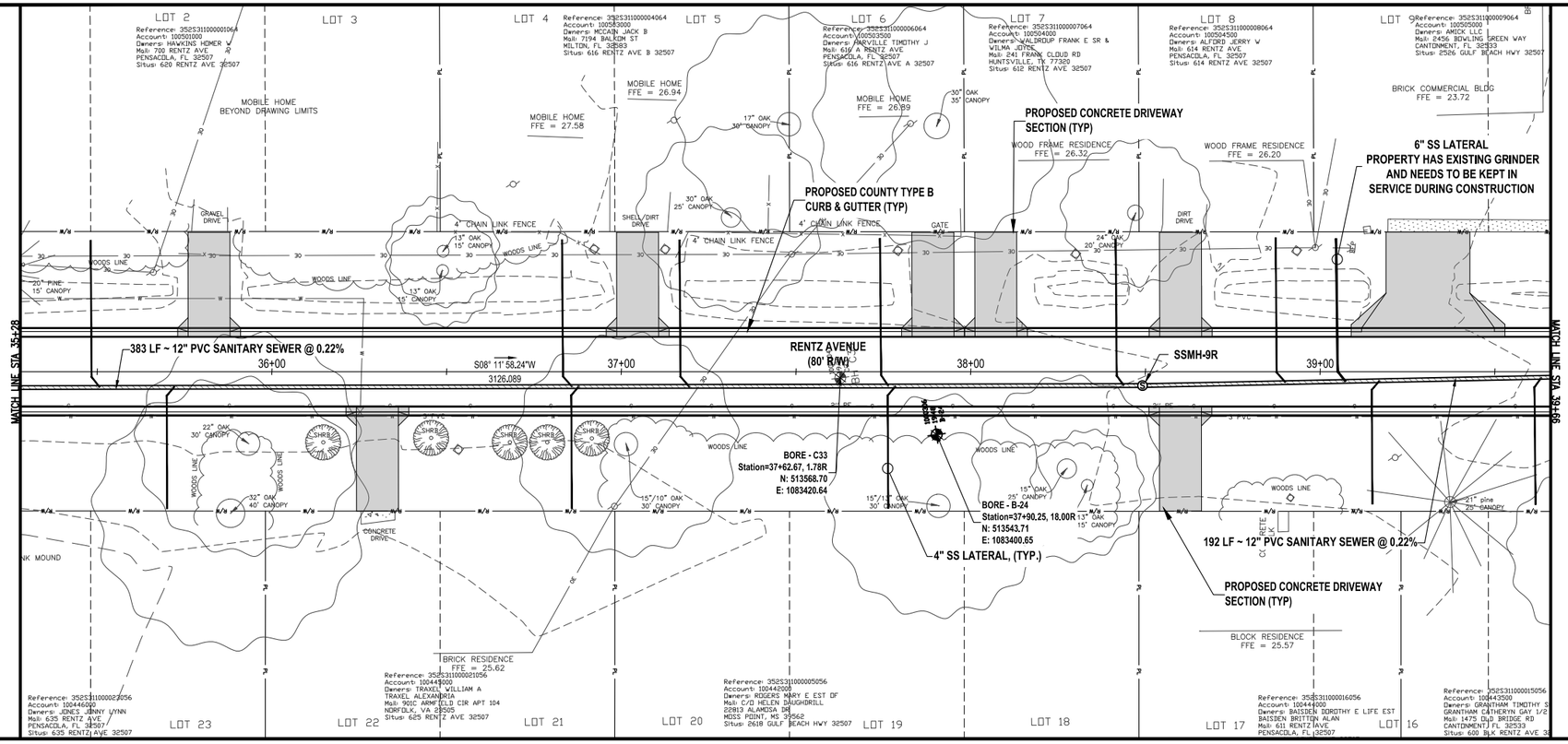
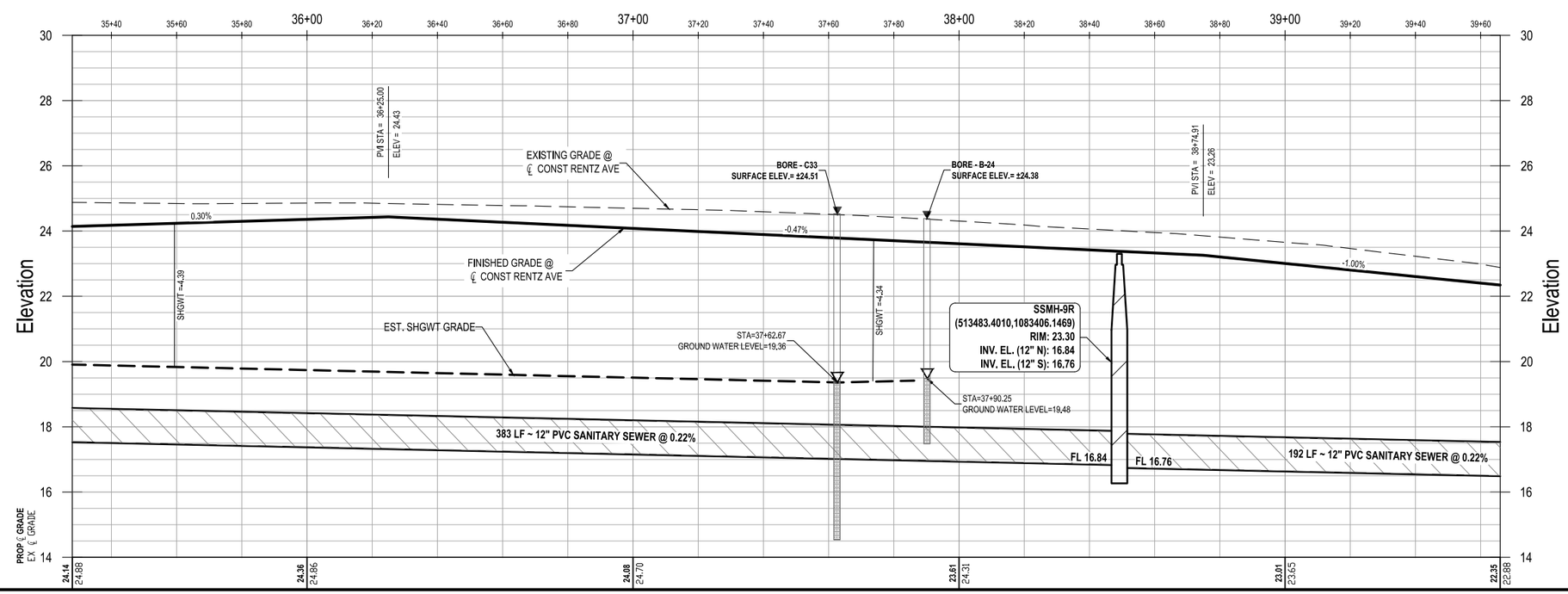
	ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
	CHANGE INCORPORATION	(Yellow Highlighter)





0' 10' 20' 40'
SCALE IN FEET

RENTZ AVENUE
PLAN AND PROFILE SHEET
STA. 35+28 TO STA. 39+66

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. P.A. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CLARK	DIST PROJ.:	DATE:
FIELD BOOK/PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.13
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 1.13.7

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PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	
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			REMARK INCORPORATION (Blue Highlighter)	DATE
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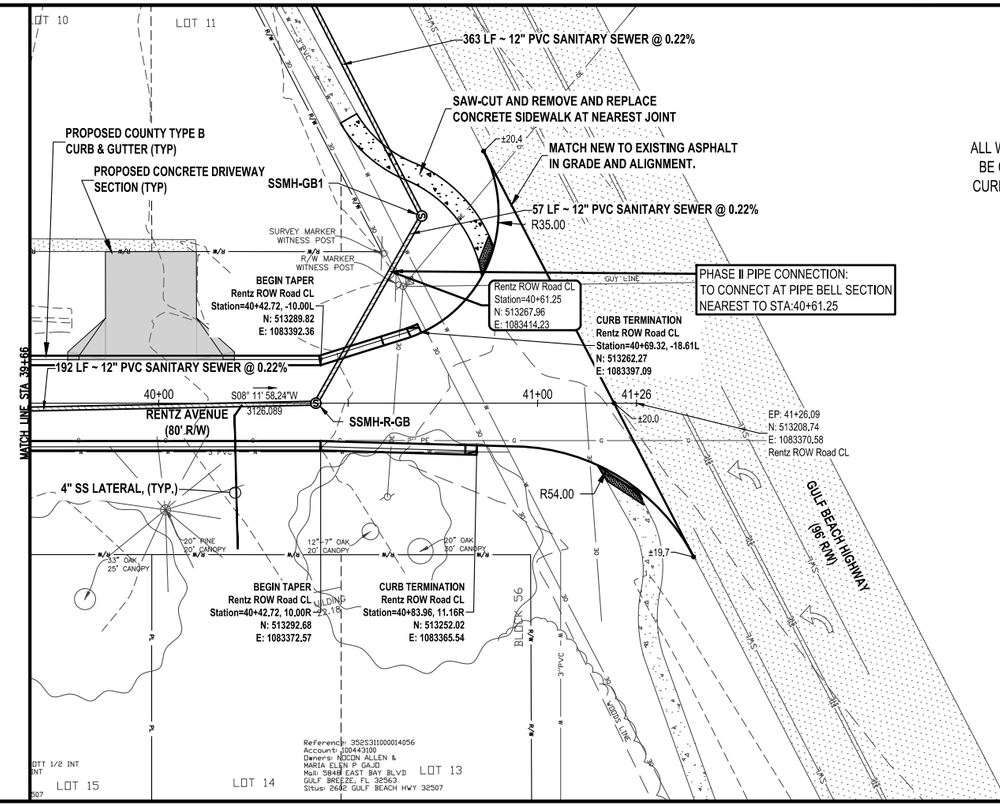
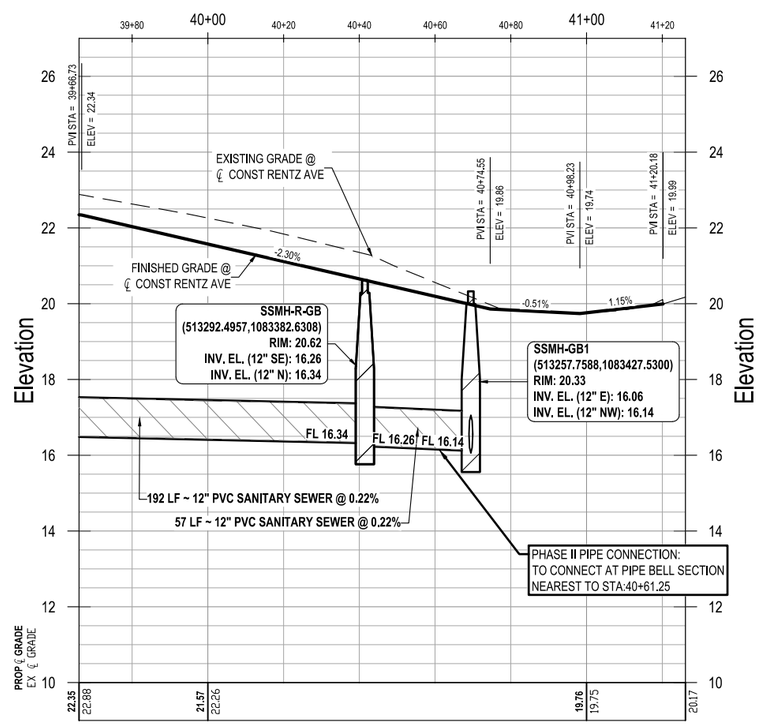


0' 10' 20' 40'

SCALE IN FEET

ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS. (PHASE II SCOPE OF WORK)

N



PHASE II:

ALL FDOT R/W WORK
INCLUDING PIPING TO COUNTY R/W

4'
2'
1'
0'

RENTZ AVENUE
PLAN AND PROFILE SHEET
STA. 39+66 TO STA. 41+26

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CLER	DISTRICT: 3	SIGNATURE:
TITLE BLOCK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W		

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 1.13

PROJECT NUMBER PD 11-12.030

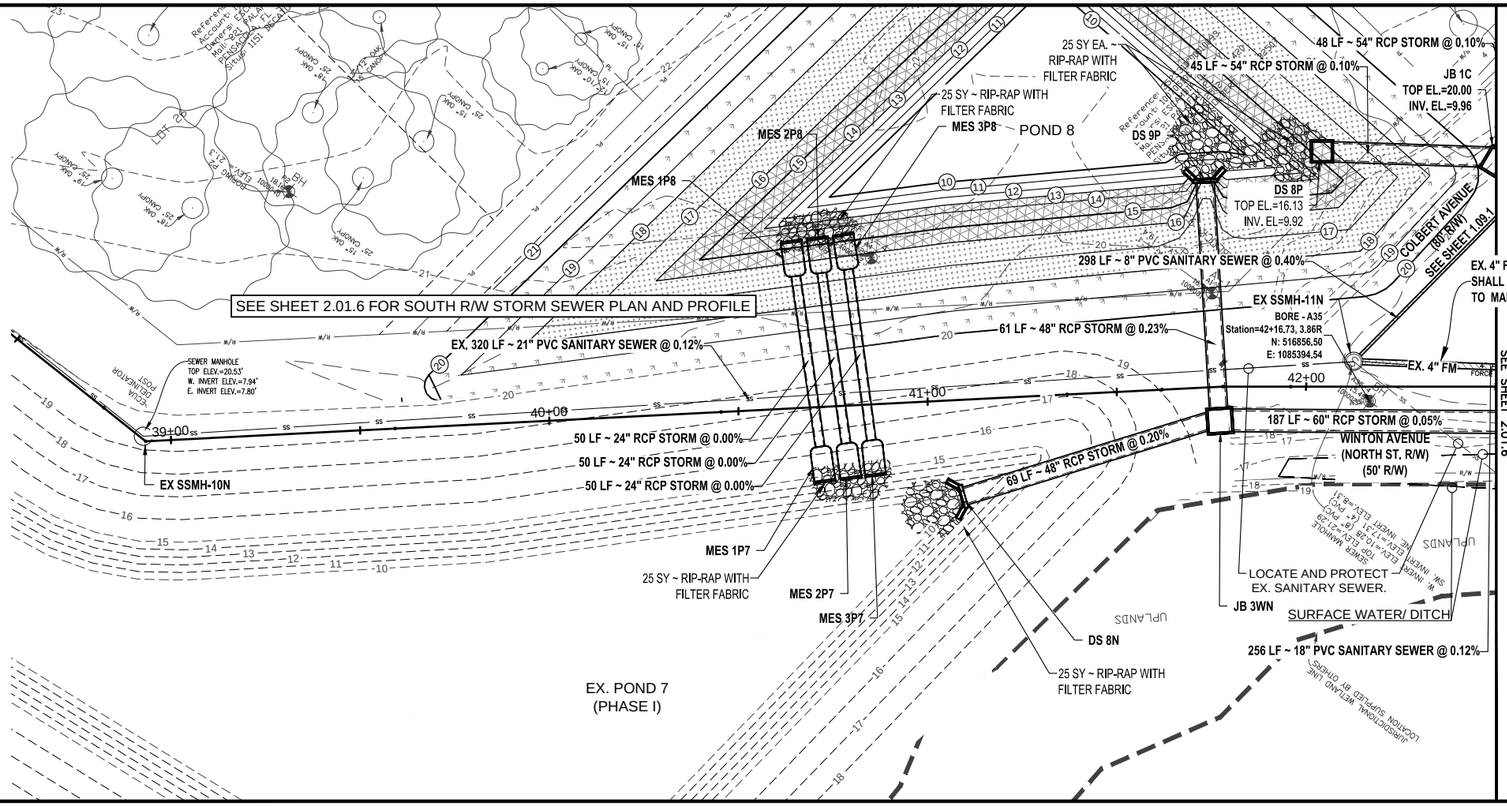
SURVEY NUMBER jhi-120016.S

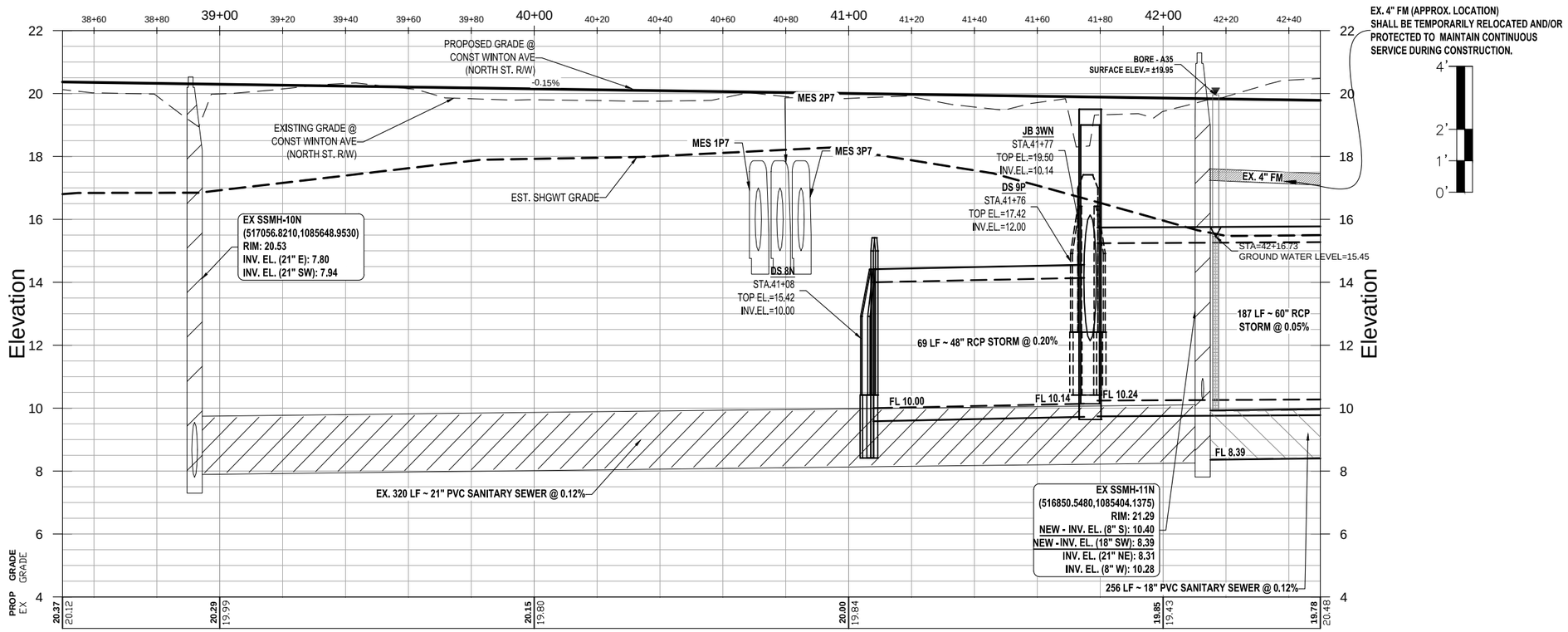
SHEET 1.13.8

PHASE	REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:				ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

ORIGINATOR (OR)	Correct (Green Highlighter) Change (Red Pen)
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
CHANGE INCORPORATION	(Yellow Highlighter)

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\1.13 Rentz AvenuePP - PH II.dwg, May 25, 2023 - 10:27:04AM, gpotter





WINTON AVE (NORTH ST.)
NORTH R/W STORM & SANITARY SEWER PLAN AND PROFILE SHEET
STA. 38+50 TO STA. 42+50

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

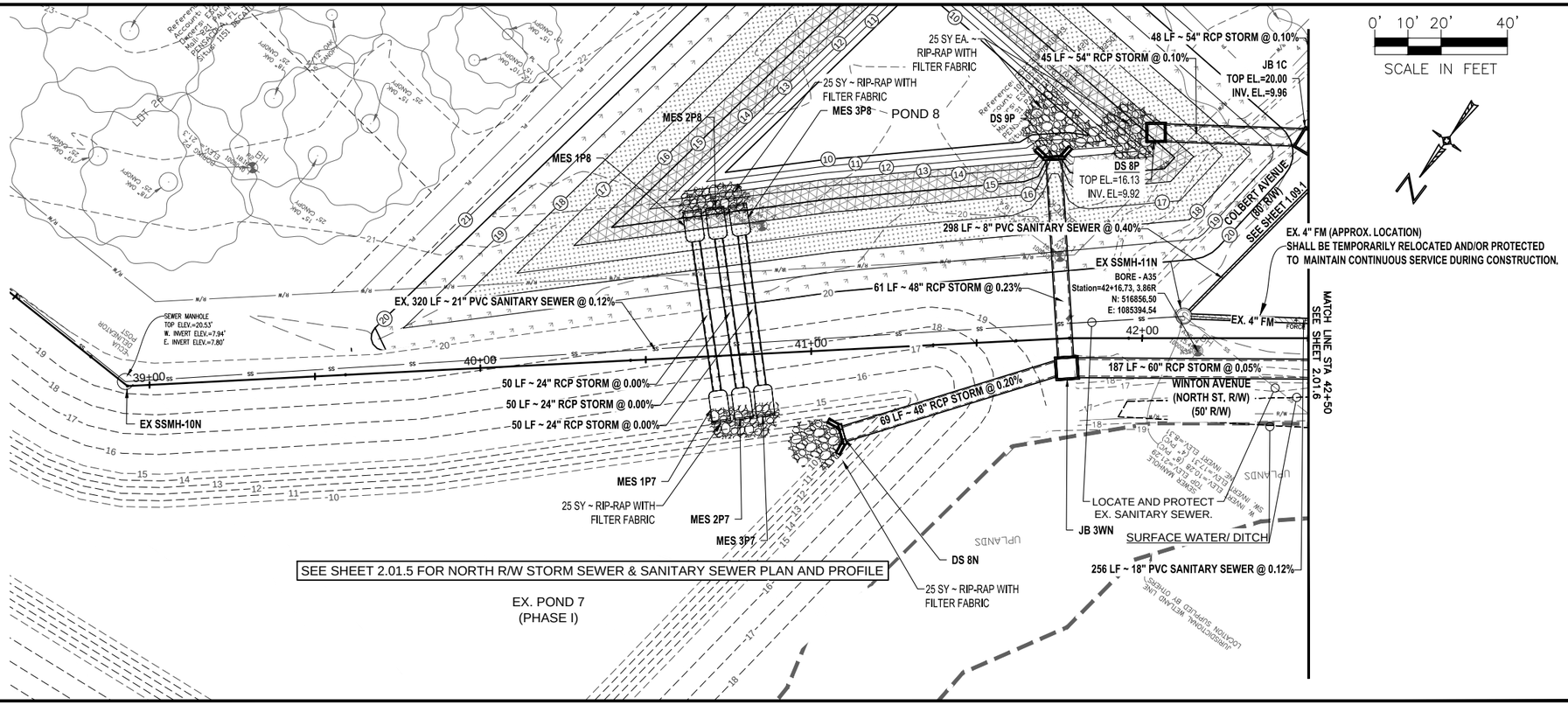
DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
TIELD BOOK / PAGES: TC30 1-35	SECTION / TOWNSHIP / RANGE 35 / 2S / 31W
CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DISTRICT: 1	SIGNATURE:
DATE:	

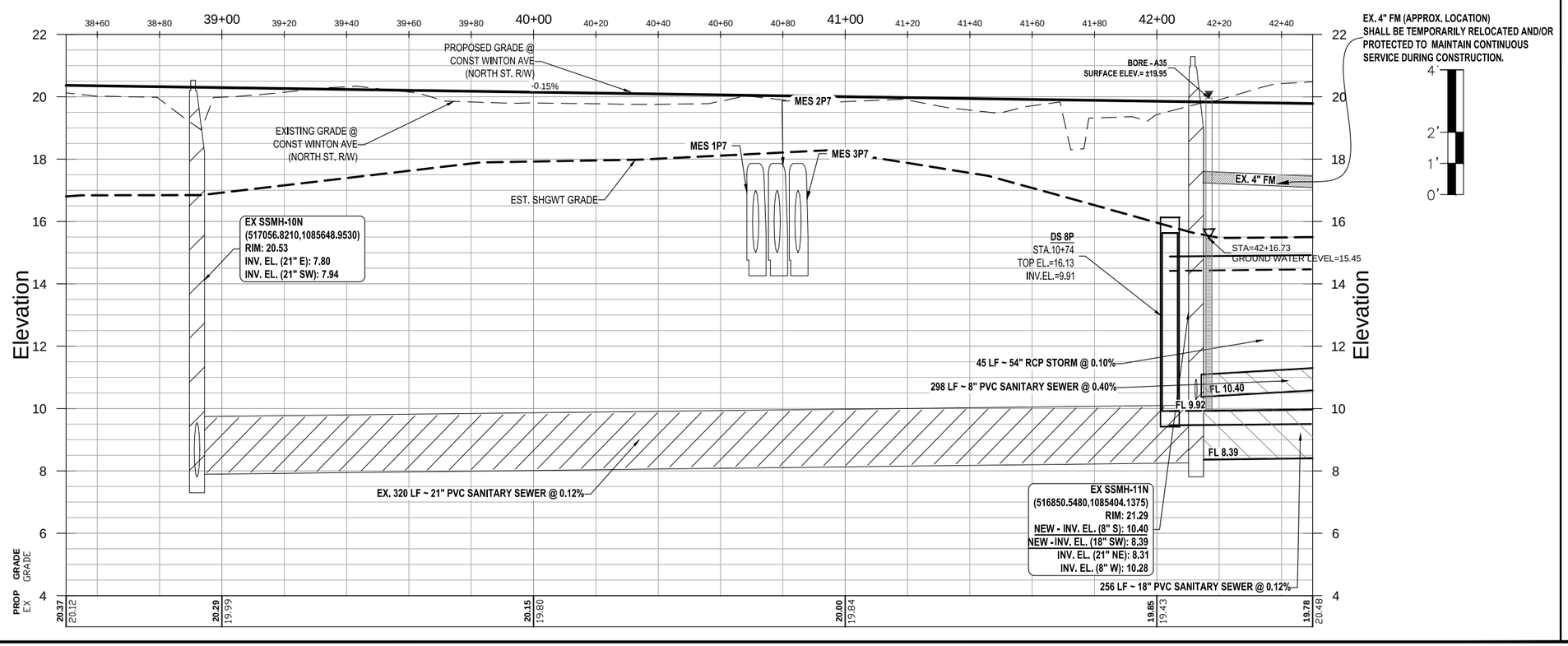
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	2.01
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	2.01.5

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.01 Winton Ave (North ST)PP - PH II.dwg, May 25, 2023 - 10:26:36AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR)	DATE	ORIGINATOR (RP)	Correct (Green Highlighter) Change (Red Pen)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	
			ORIGINATOR VERIFICATION Correct (Pink Highlighter)		CHANGE INCORPORATION	(Yellow Highlighter)	





WINTON AVE (NORTH ST.)
SOUTH R/W STORM SEWER
PLAN AND PROFILE SHEET
STA. 38+50 TO STA. 42+50

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CLERK
DISTRICT: 2	SIGNATURE:
TITLE BLOCK / PAGES: TC30 1-35	SECTION / TOWNSHIP / RANGE 35 / 2S / 31W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER ----
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.01.6

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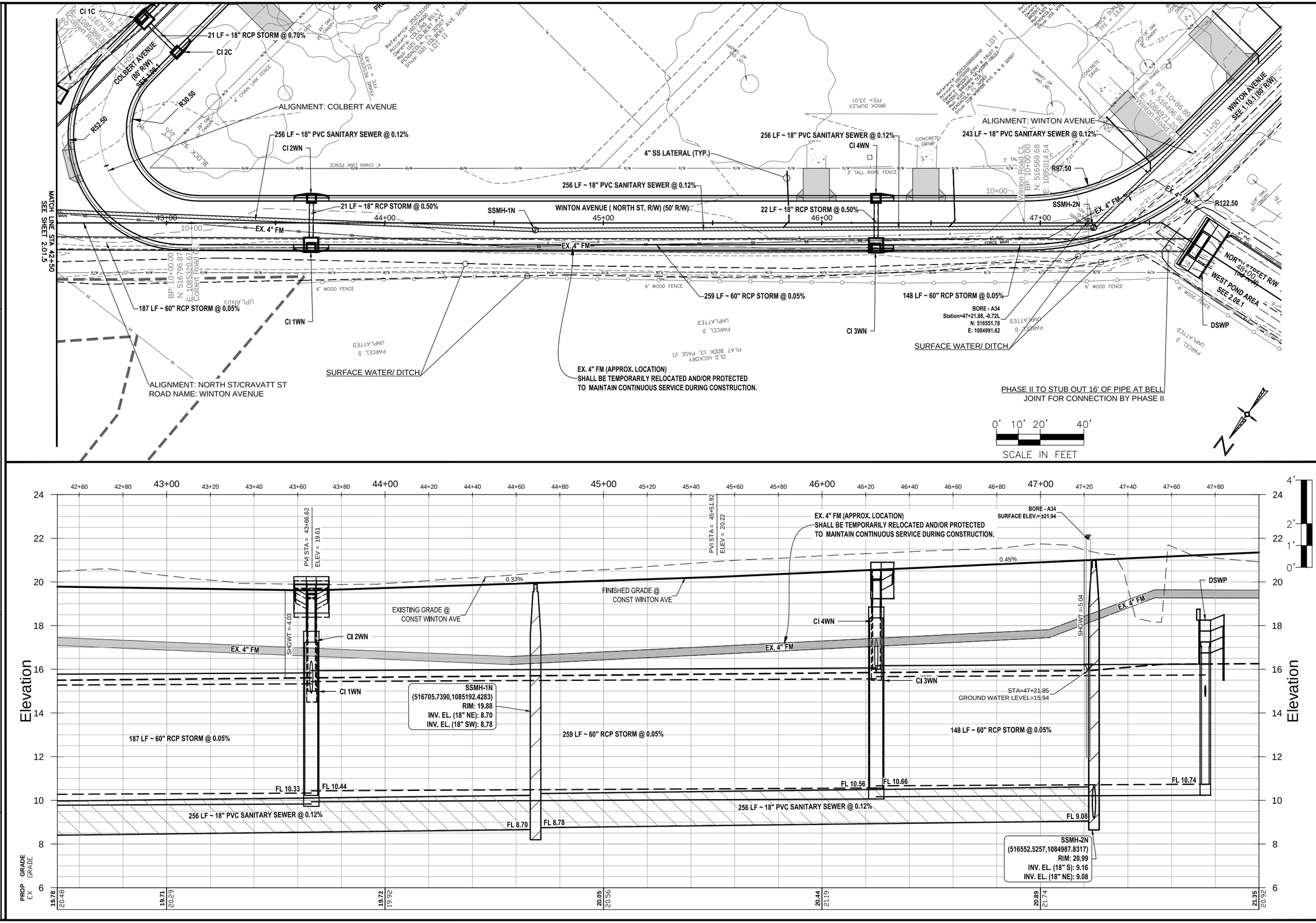
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
	ORIGINATOR (RP) Correct (Green Highlighter) Change (Red Pen)		ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)			
	CHANGE INCORPORATION (Yellow Highlighter)			



WINTON AVE (NORTH ST.)
NORTH R/W STORM & SANITARY SEWER PLAN AND PROFILE SHEET
STA. 42+50 TO STA. 48+00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY:	GPH/TAH
DATE:	MAY 2023
TOTAL BOOK/ PAGES:	TC30/1-35
DESIGNED BY:	GPH
PROJECT MANAGER:	CHRIS A. CLIFTON
CHECKED BY:	GPH
DISTRICT:	2
SECTION / TOWNSHIP / RANGE	35 / 2S / 31W
REG. ELA. ENG. NO.	43970
SIGNATURE:	
DATE:	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	2.01
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	2.01.7

VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE	ORIGINATOR (RP) Correct (Green Highlighter) Change (Red Pen)	DATE
REMARK INCORPORATION (Blue Highlighter)	DATE	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	DATE
ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE	CHANGE INCORPORATION (Yellow Highlighter)	DATE

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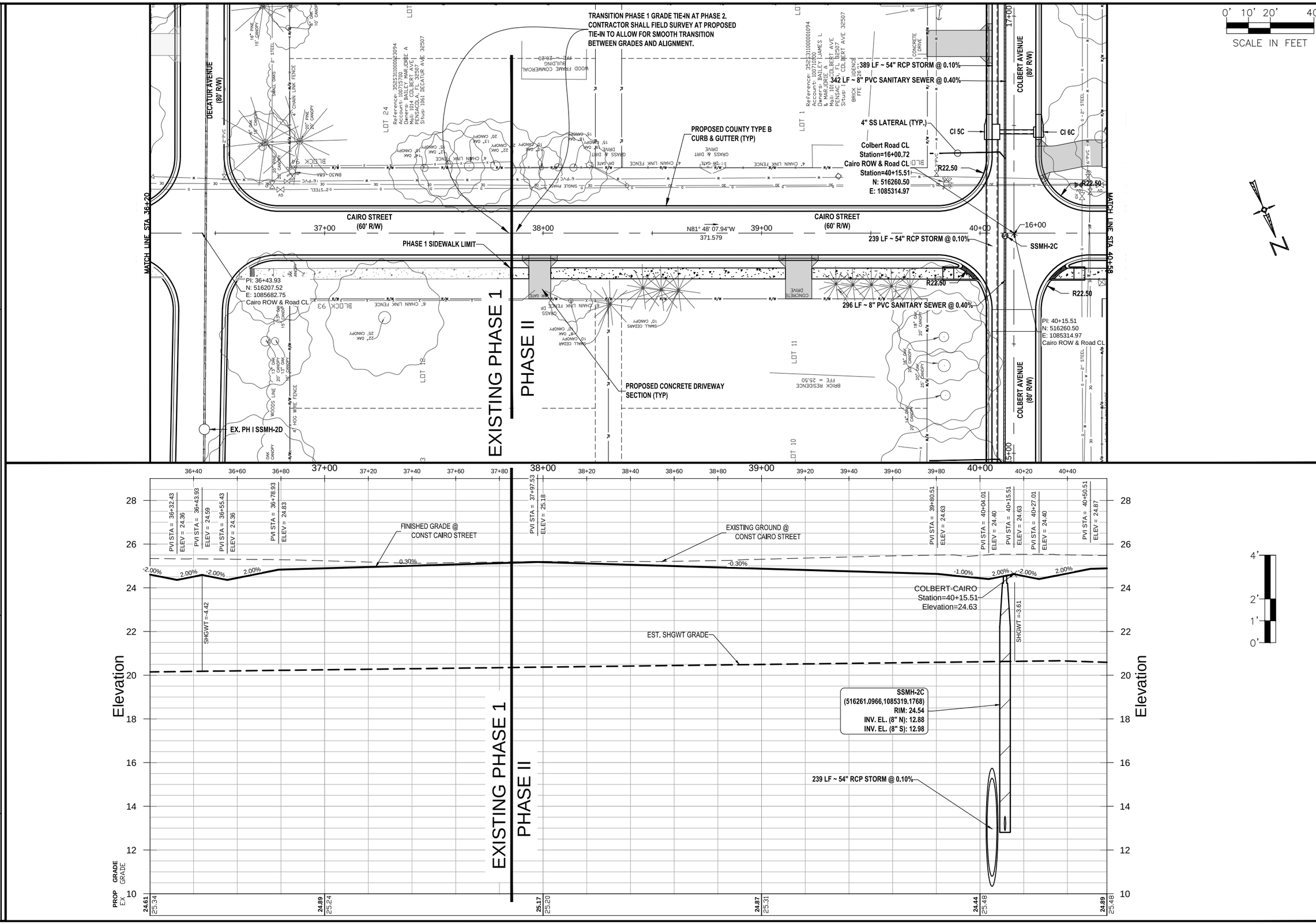

CAIRO STREET
PLAN AND PROFILE SHEET
STA. 36+20 TO STA. 40+58

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLEGG
FIELD BOOK/ PAGES: TC20/1-35	SECTION/ TOWNSHIP/ RANGE: 35 / 2-S / 31-W
REG. PLS. ENG. NO. 43970	DATE:
DISTRICT: 2	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 2.02
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.02.7

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PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
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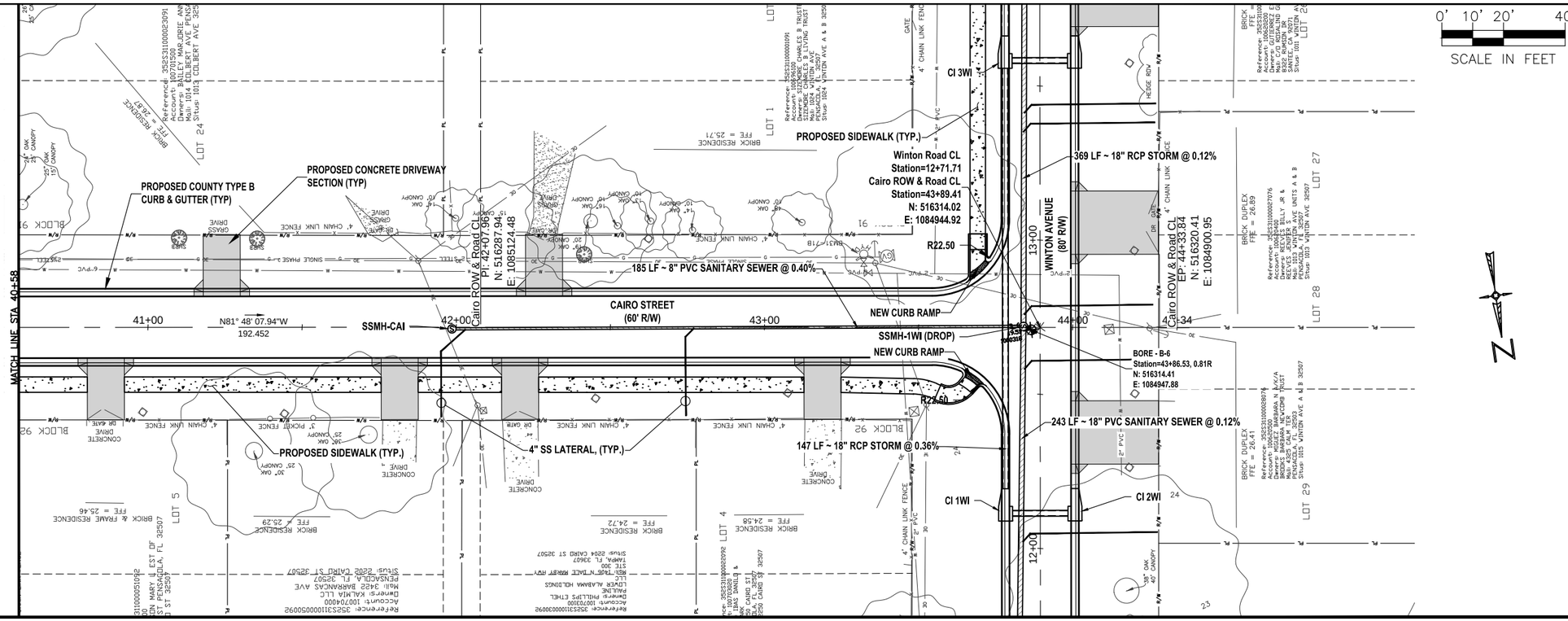

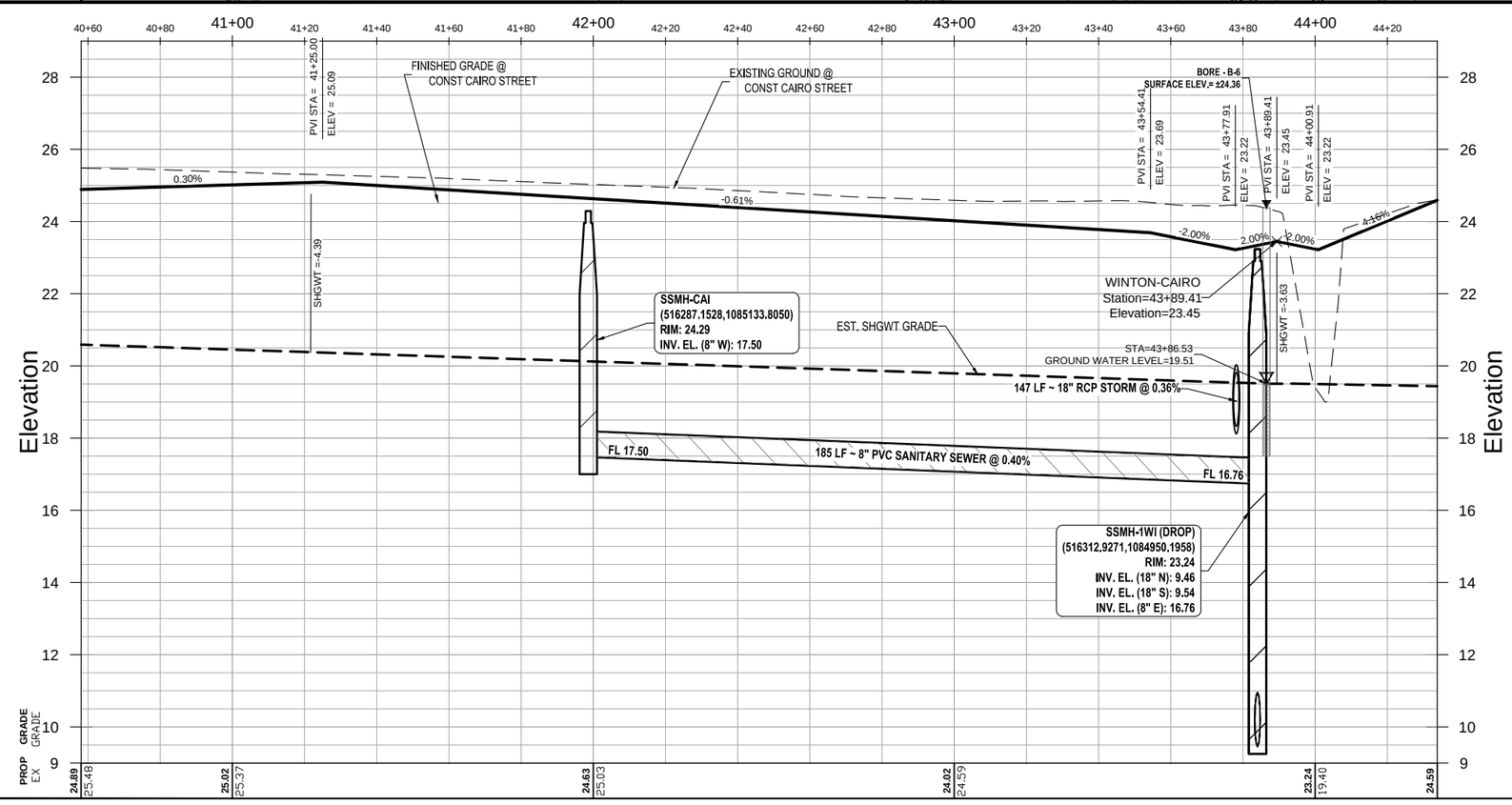

CAIRO STREET
PLAN AND PROFILE SHEET
STA. 40+58 TO STA. 44+34

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. PLS. ENG. NO.: 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. GERB
FIELD BOOK / PAGES: TC20/1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	2.02
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	2.02.8

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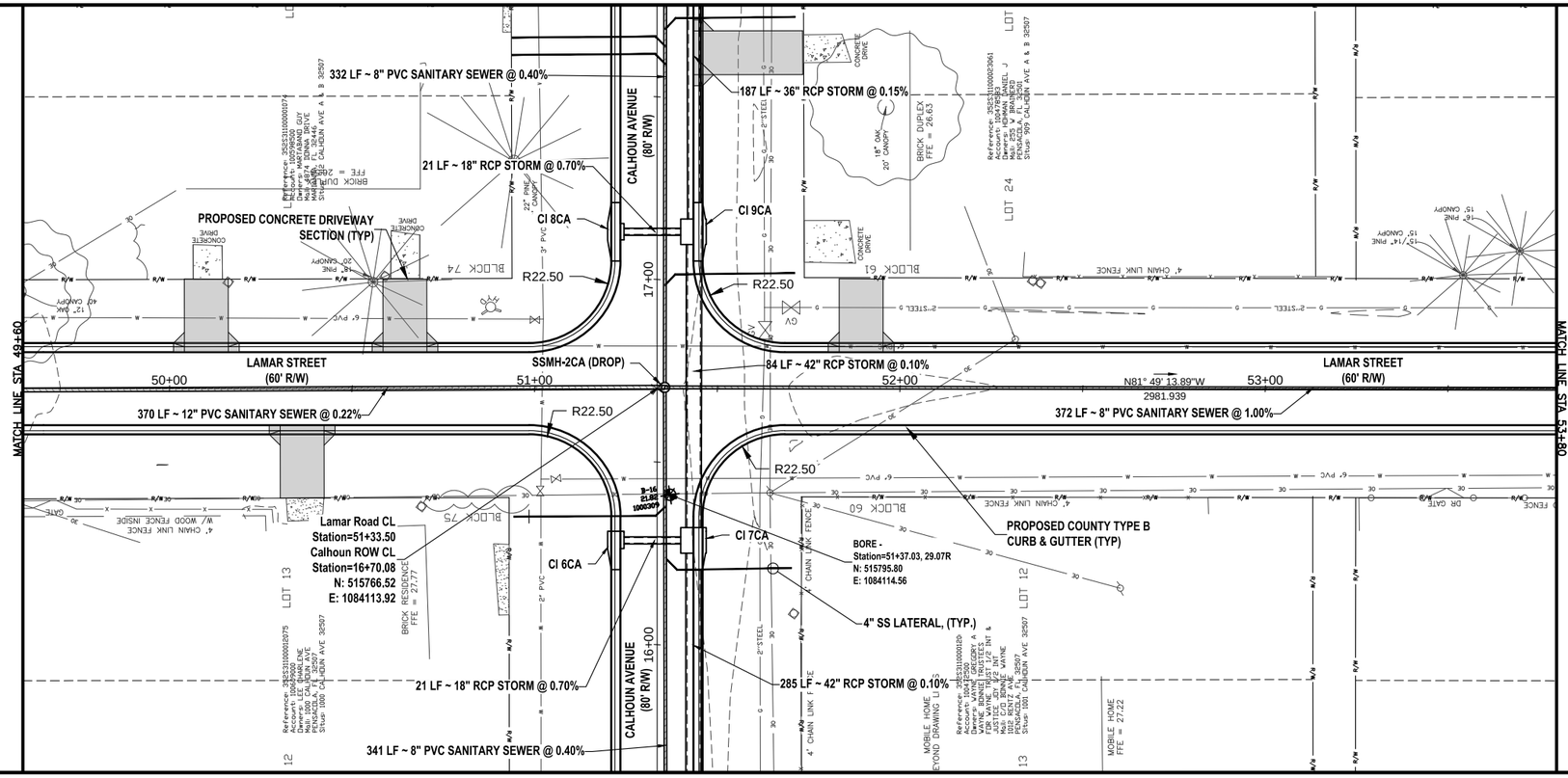
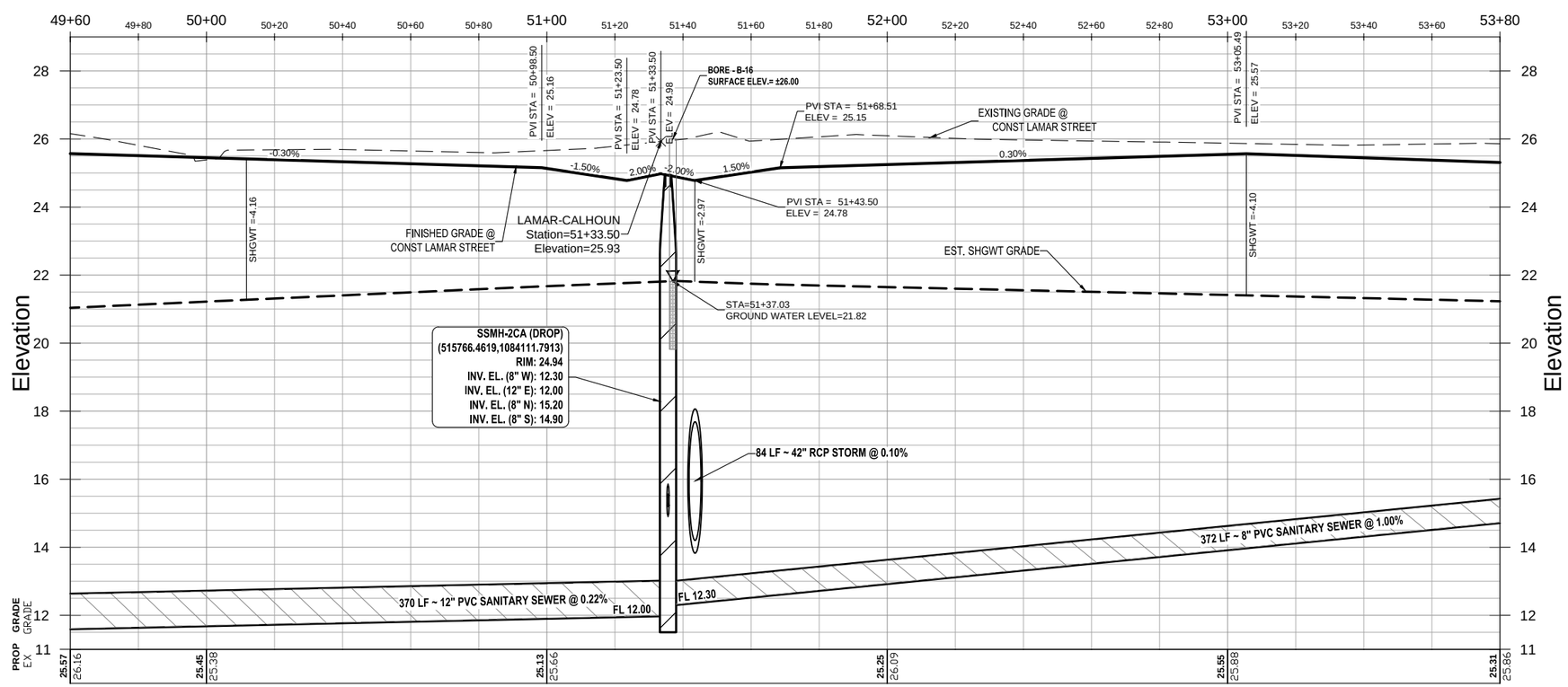
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter) DATE
			ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE

ORIGINATOR (OR)	Correct (Green Highlighter) Change (Red Pen)	
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	
CHANGE INCORPORATION	(Yellow Highlighter)	





LAMAR STREET

PLAN AND PROFILE SHEET

STA. 49+60 TO STA. 53+80

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	CHECKED BY: GPH
DESIGNED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CHAB
DISTRICT:	SIGNATURE:
FIELD BOOK/ PAGES: TC20/1-35	SECTION/ TOWNSHIP/ RANGE 35 / 2-S / 31-W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 2.03

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 2.03.10

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PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

	ORIGINATOR (OR)	Correct (Green Highlighter) Change (Red Pen)	DATE
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE
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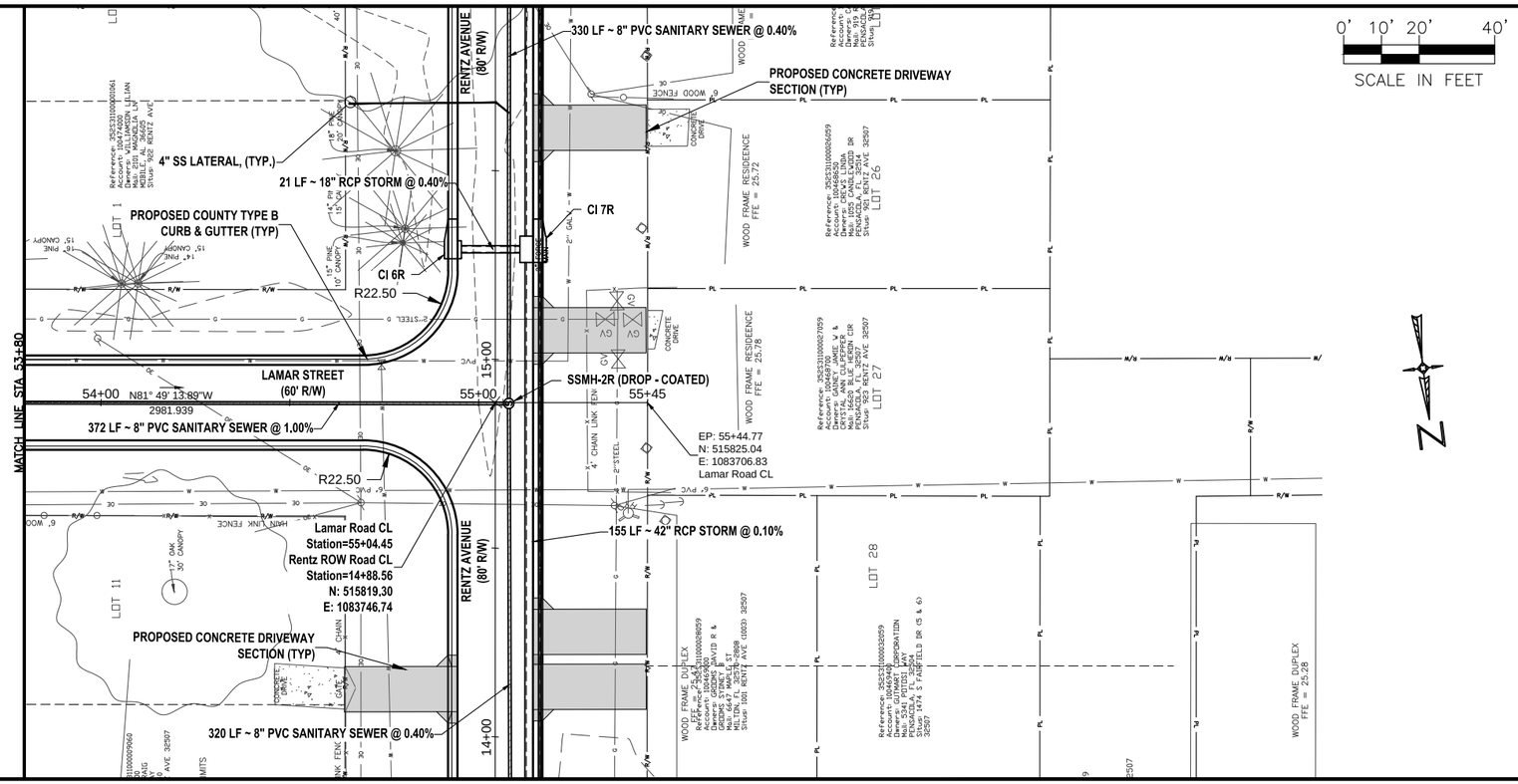

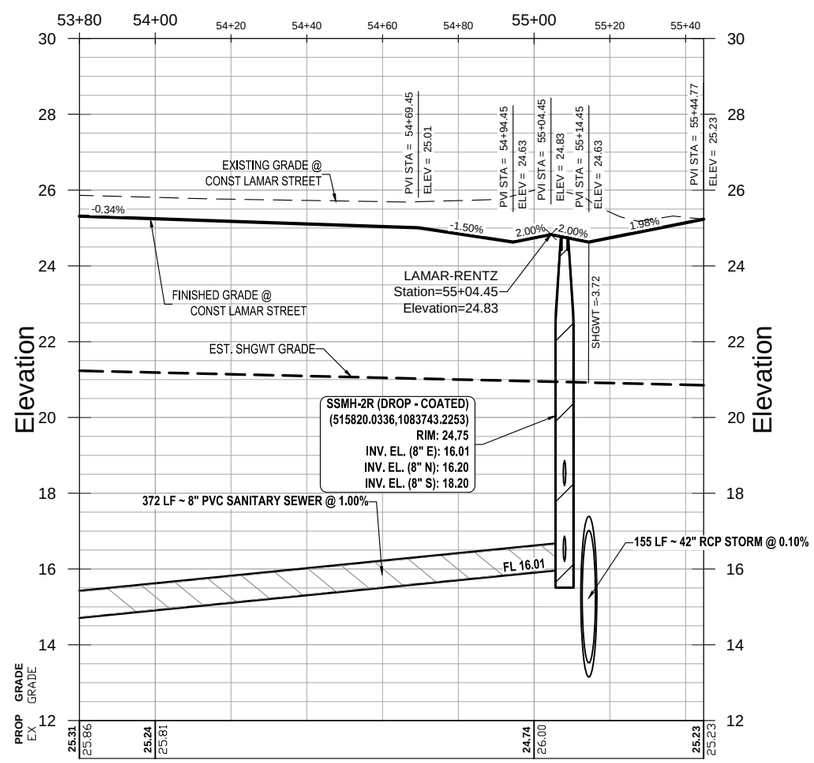

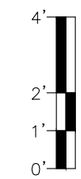

LAMAR STREET
PLAN AND PROFILE SHEET
STA. 53+80 TO STA. 55+45

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
FIELD BOOK / PAGES: TC30/1-35	SECTION / TOWNSHIP / RANGE: 35 / 2 S / 31-W		

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 2.03

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 2.03.11

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PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	CHECKER (DR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (DR)	(Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHANGE INCORPORATION	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
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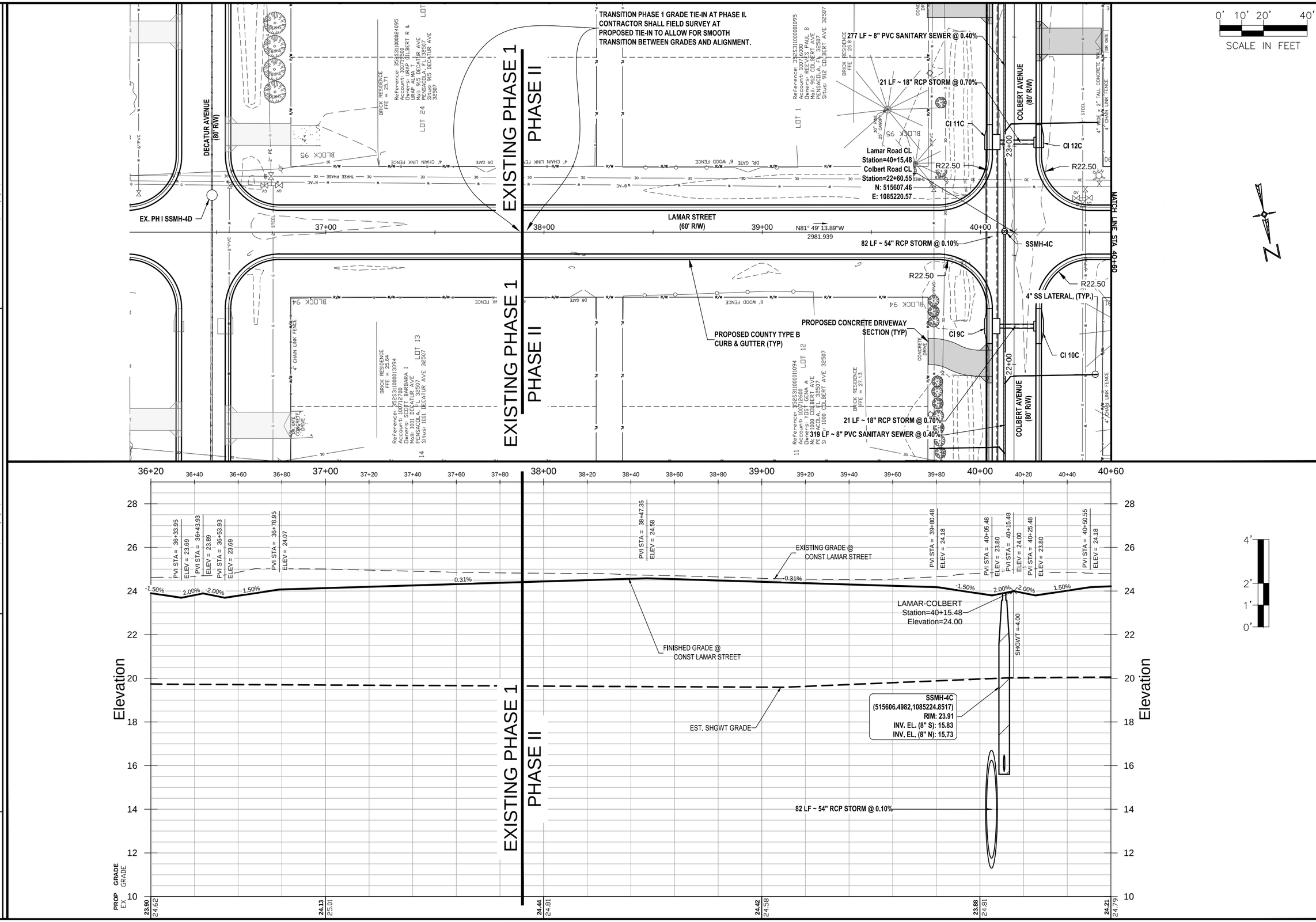

LAMAR STREET
PLAN AND PROFILE SHEET
STA. 36+20 TO STA. 40+60

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
FIELD BOOK / PAGES: TC30/1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W
CHECKED BY: GPH	DISTRICT: 2
REG. FLA. ENG. NO. 43970	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 2.03
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.03.7

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SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
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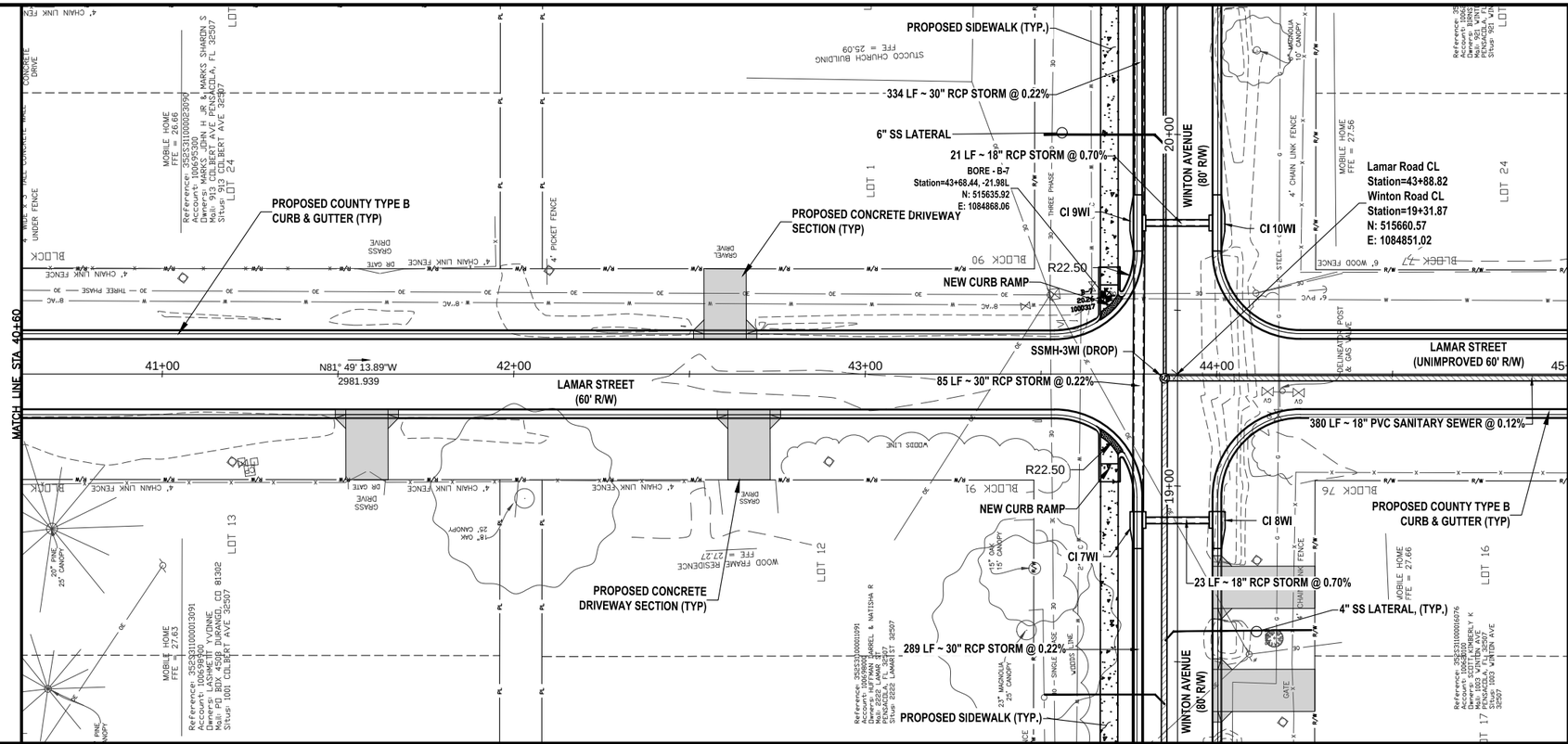

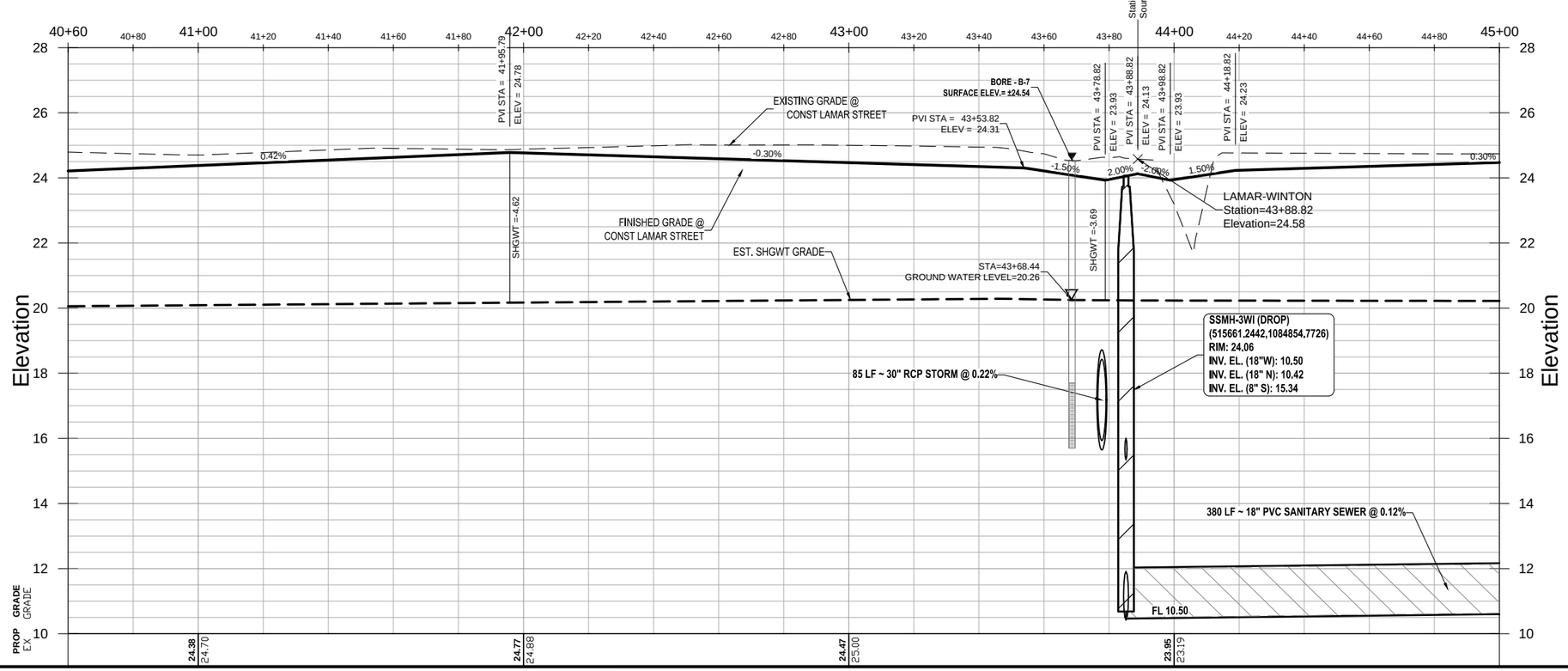

LAMAR STREET
PLAN AND PROFILE SHEET
STA. 40+60 TO STA. 45+00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CHAB	DISTRICT: 1	SIGNATURE:
FIELD BOOK/ PAGES: TC20/1-35		SECTION/ TOWNSHIP/ RANGE: 35 / 2-S / 31-W	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 2.03
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.03.8

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PHASE ___ REVIEW	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
ORIGINATOR (RP)	DATE	REMARK INCORPORATION	(Blue Highlighter)	DATE
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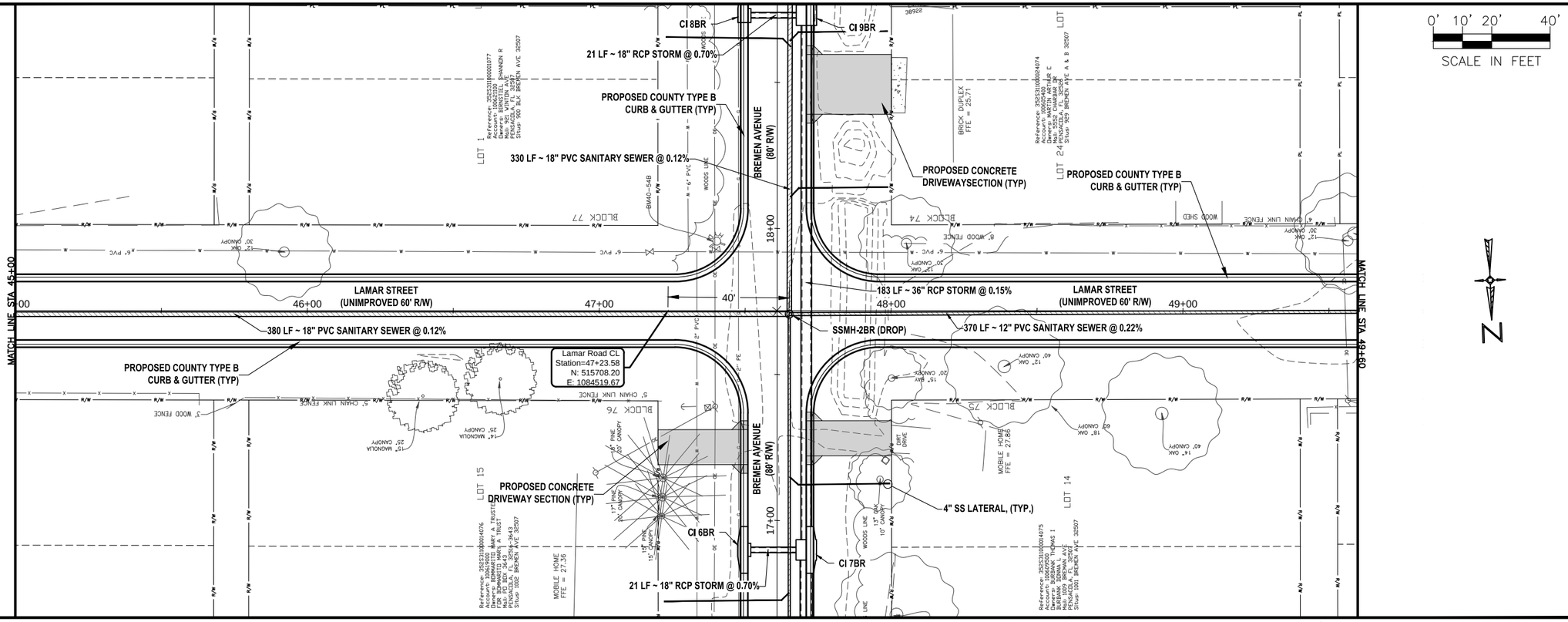

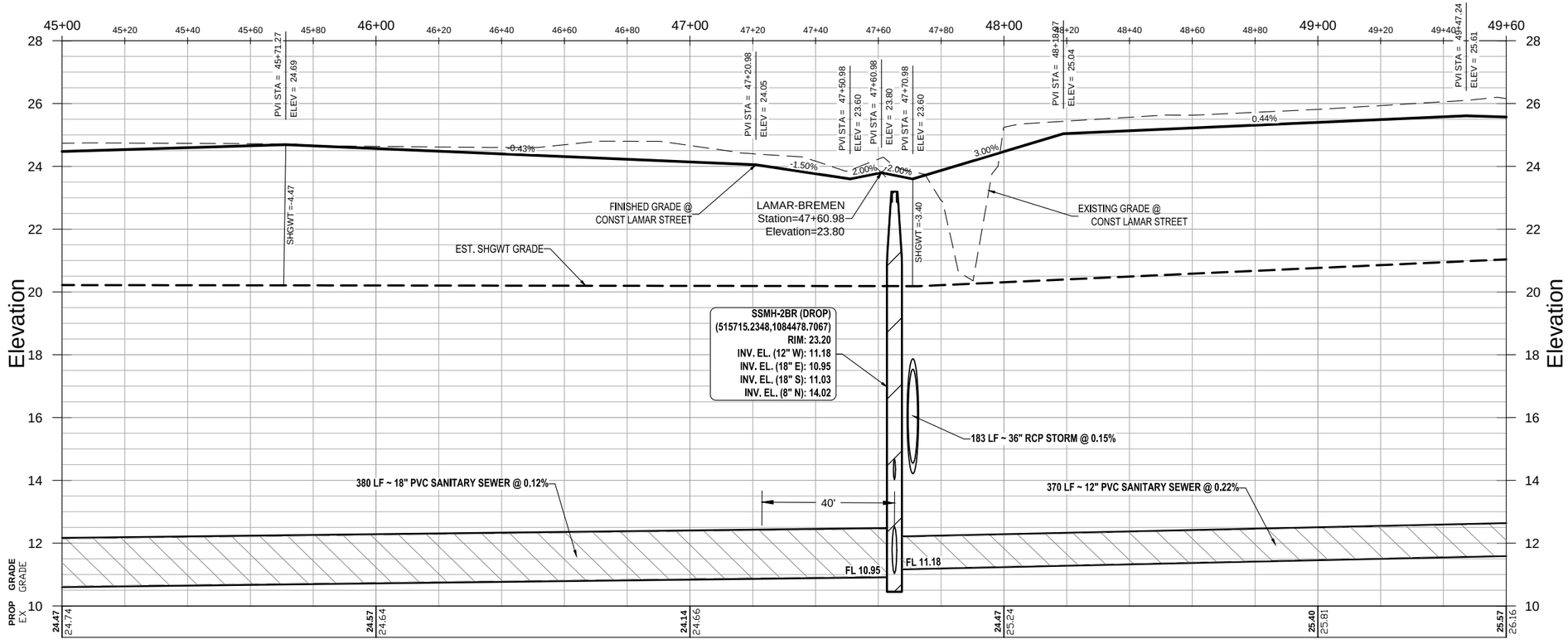

LAMAR STREET
PLAN AND PROFILE SHEET
STA. 45+00 TO STA. 49+60

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPHITAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	FIRST SECT: 2	DATE:
TITLE BLOCK / PAGES: TCB/1-35		SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	2.03
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	2.03.9

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PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
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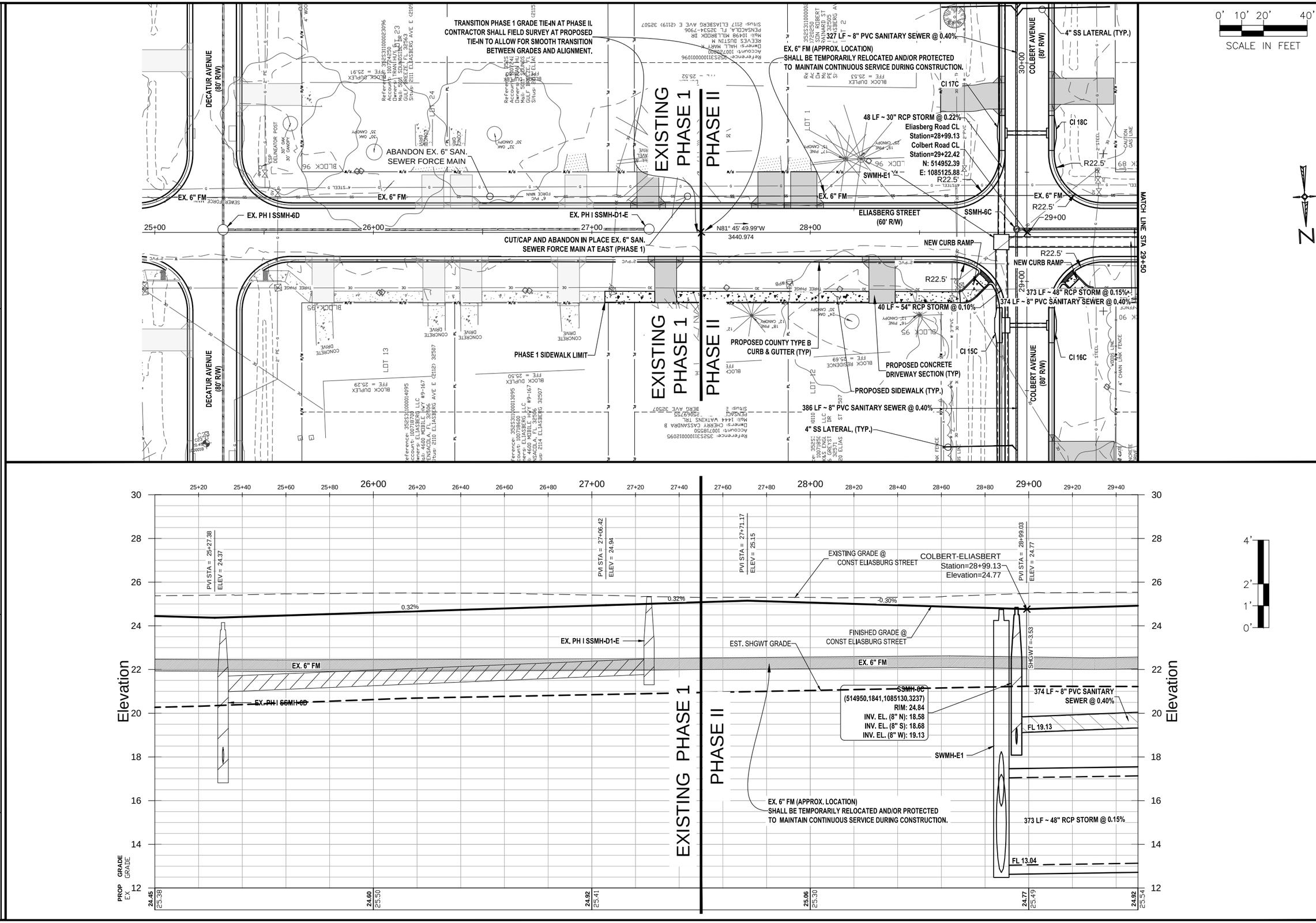
ORIGINATOR (OR)	Correct (Green Highlighter) Change (Red Pen)		
CHECKER (RP)	(Red Pen A-Out to Disagree or Remark)		
CHANGE INCORPORATION	(Yellow Highlighter)		



ELIASBERG STREET
PLAN AND PROFILE SHEET
STA. 25+00 TO STA. 29+50

ESCAMBIA COUNTY PUBLIC WORKS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. GERB	DISTRICT: 2	SIGNATURE:
FIELD BOOK / PAGES: TC30 / 1-35		SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 2.04
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.04.4

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PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
				CHANGE INCORPORATION	(Yellow Highlighter)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

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PHASE ____ REVIEW	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE
SIGNATURE:	CHECKER (RP)	CHANGE INCORPORATION	DATE
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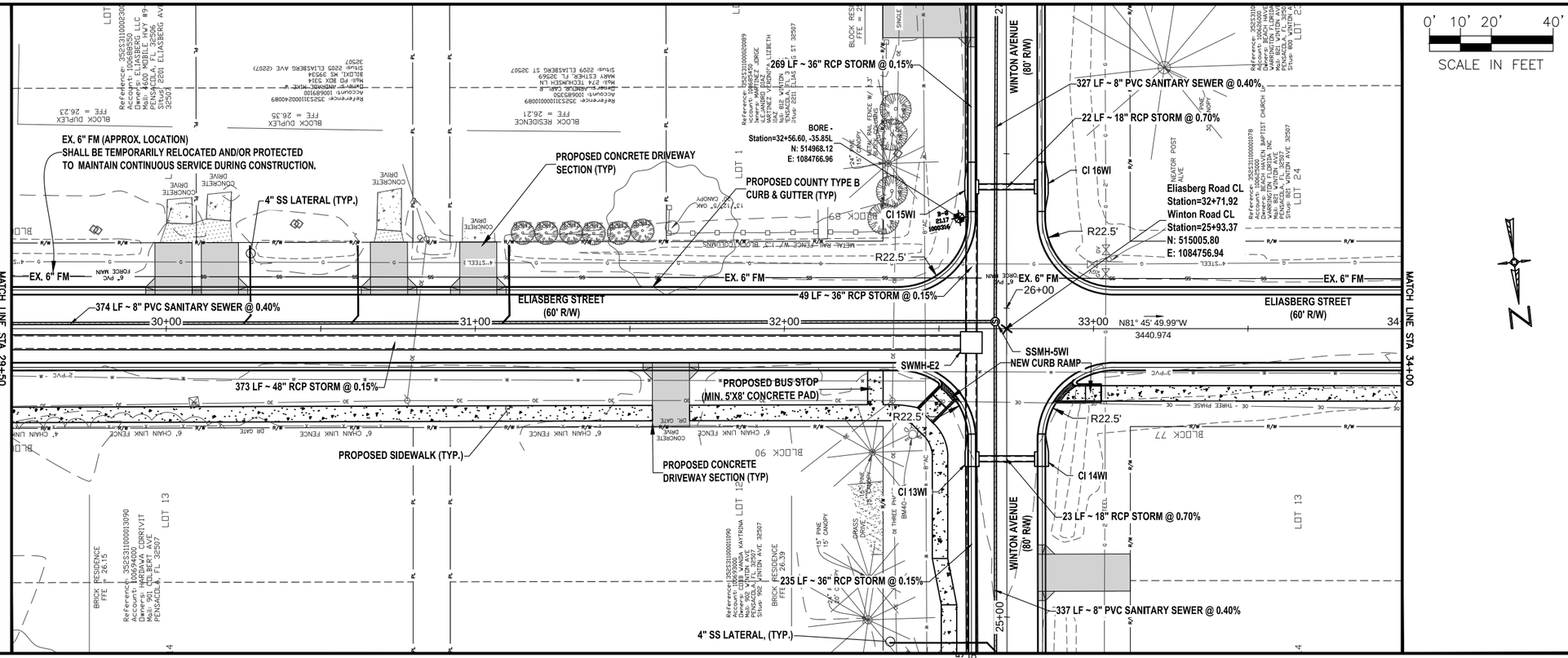
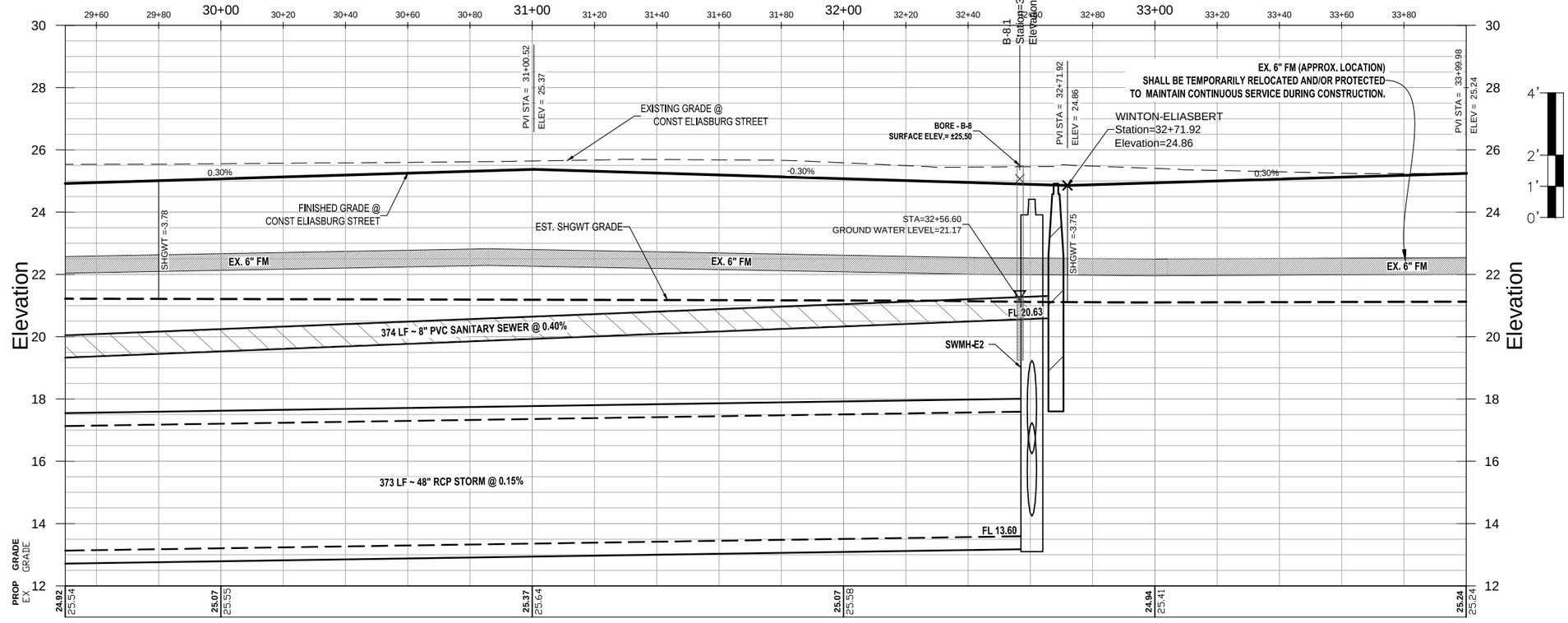
	ORIGINATOR (QR)	ORIGINATOR VERIFICATION	DATE

Correct (Green Highlighter) Change (Red Pen)
(Red Pen X-Out to Disagree or Remark)
(Yellow Highlighter)
(Blue Highlighter)
Correct (Pink Highlighter)





ELIASBERG STREET

PLAN AND PROFILE SHEET

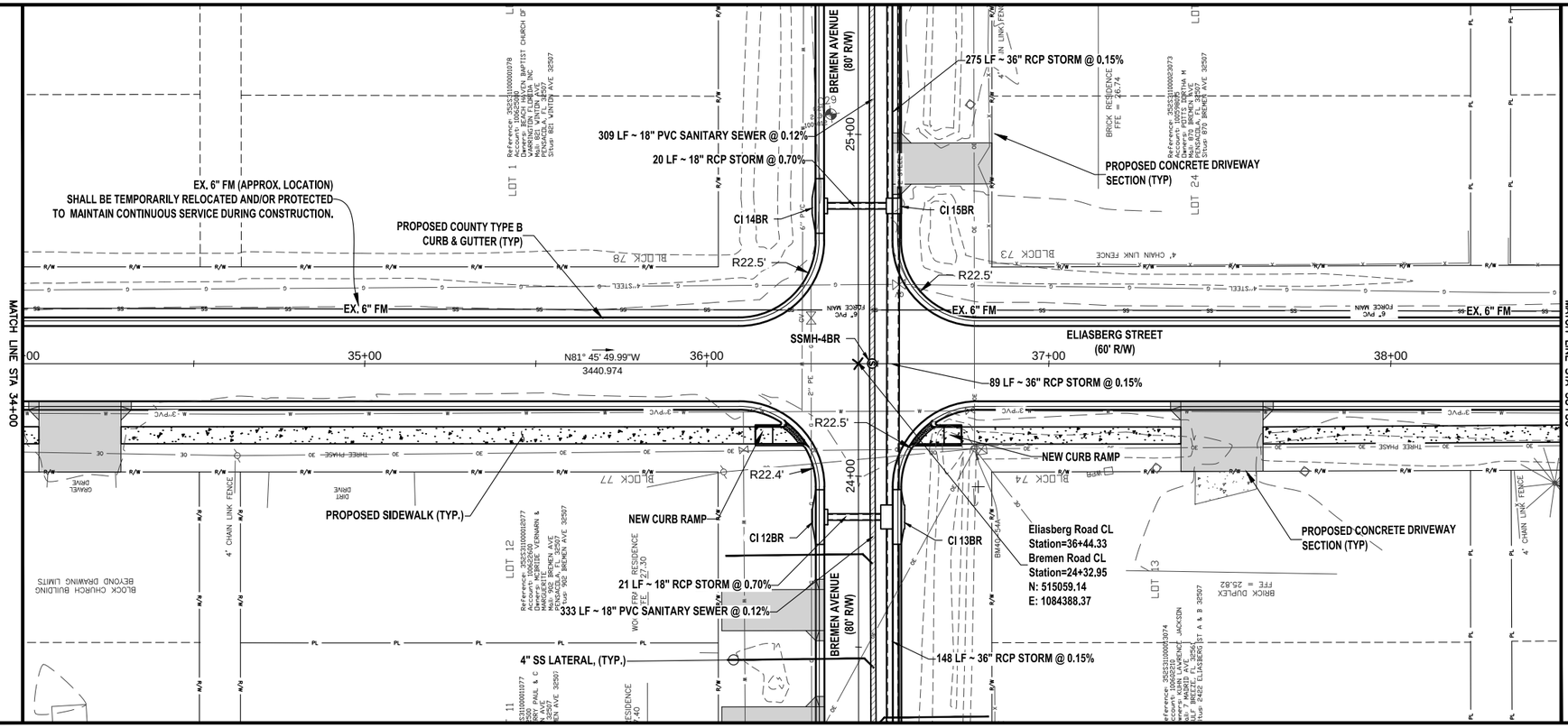
STA. 29+50 TO STA. 34+00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPHITAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
TIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W		

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	2.04
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	2.04.5



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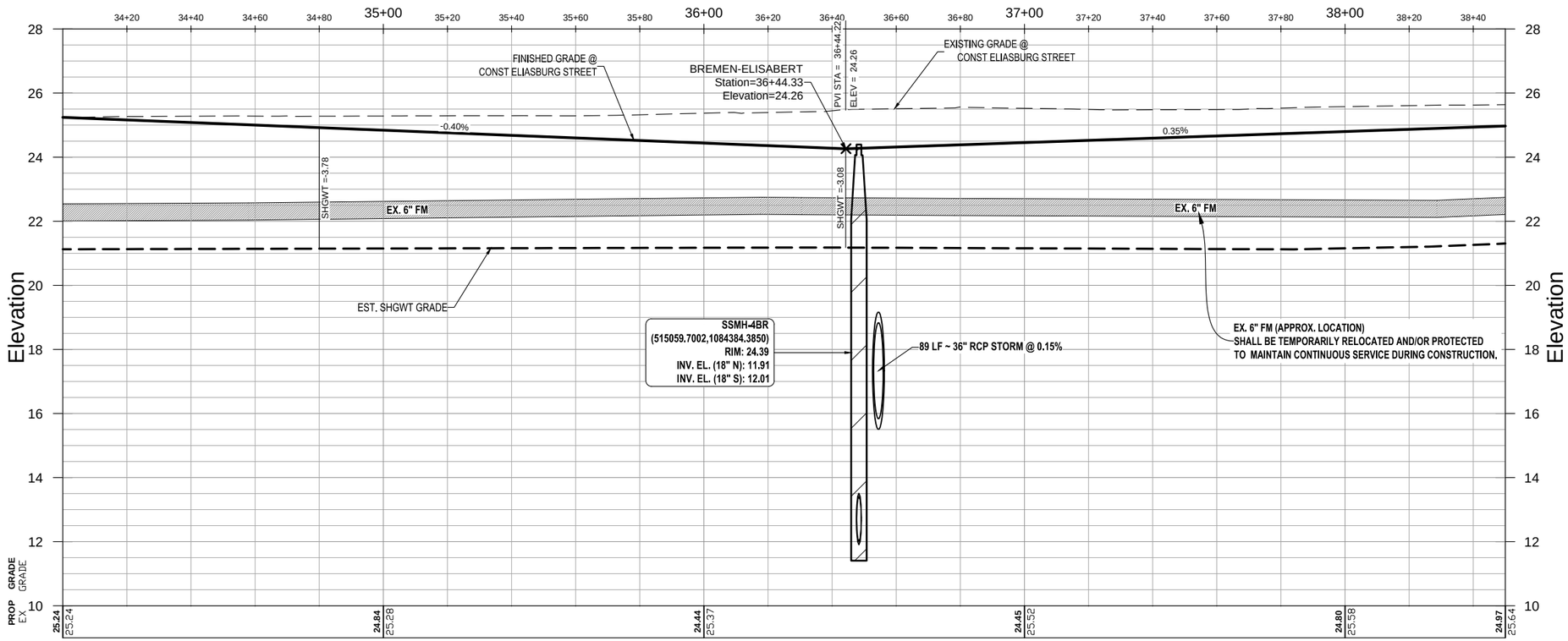
SCALE IN FEET



4' 2' 1' 0'

ELIASBERG STREET
PLAN AND PROFILE SHEET
STA. 34+00 TO STA. 38+50

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

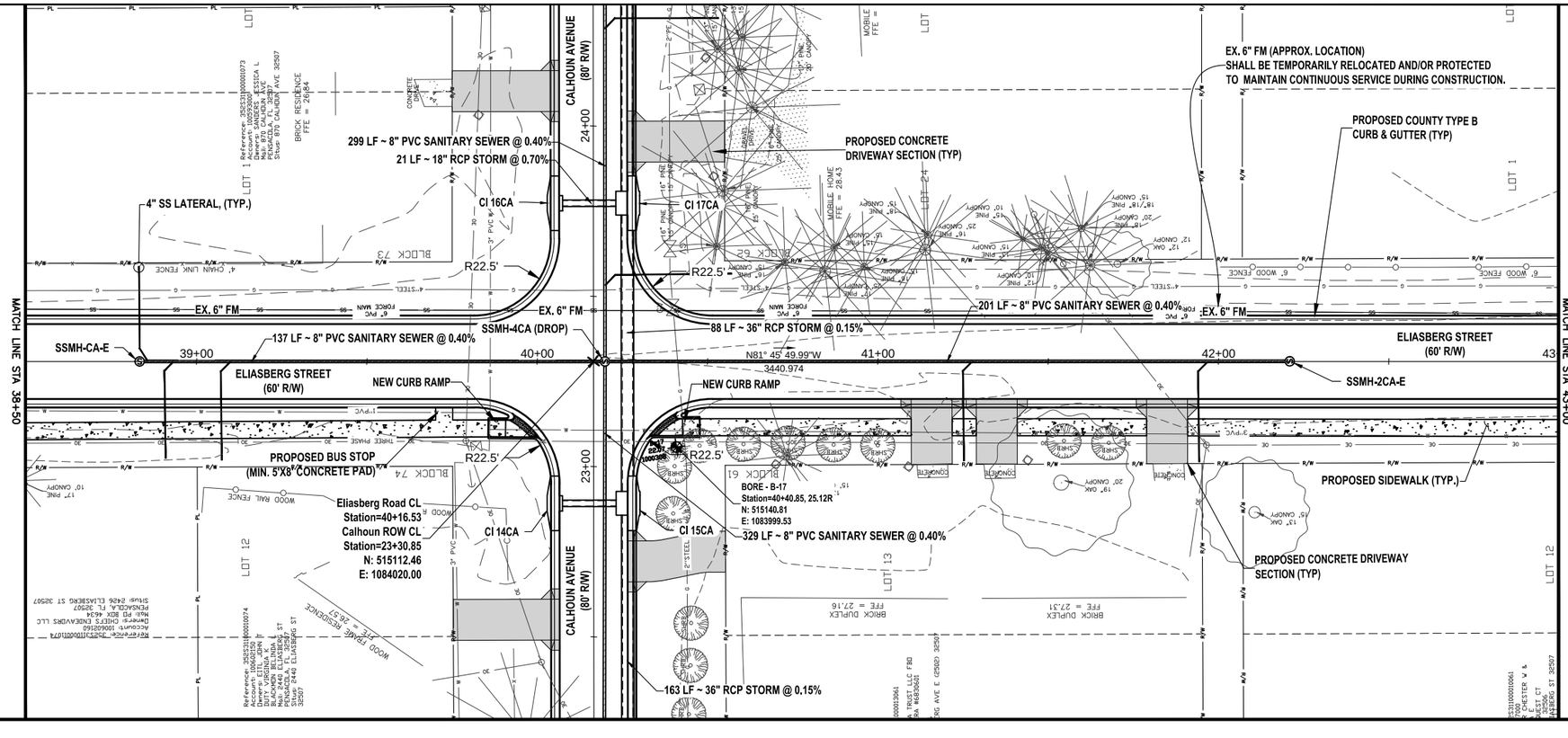
DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. GERB
DISTRICT: 3	DATE:
TIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W
	SIGNATURE:

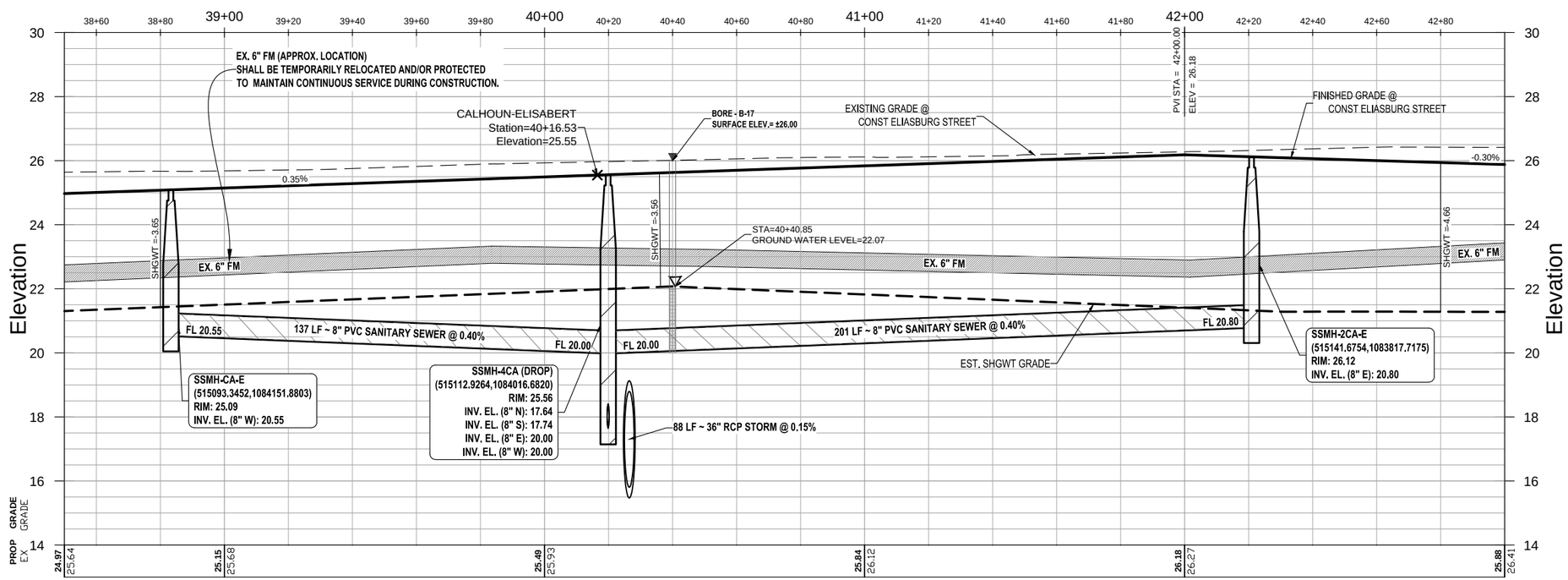
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 2.04
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.04.6

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.04 Eliasburg StreetPP – PH II.dwg, May 25, 2023 – 10:37:51AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (OR) (Blue Highlighter)	DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	ORIGINATOR (RP)	Correct (Green Highlighter) Change (Red Pen)	REMARK INCORPORATION (Blue Highlighter)	DATE
SIGNATURE:	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
	CHANGE INCORPORATION	(Yellow Highlighter)		





ELIASBERG STREET
PLAN AND PROFILE SHEET
STA. 38+50 TO STA. 43+00

ESCAMBIA COUNTY WORKS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DESIGNED BY: CPH	CHECKED BY: CPH
DRAWN BY: GWHTAH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	DISTRICT: 3
PROJECT MANAGER: CHRIS A. CHOB	SECTION TOWNSHIP RANGE: 35 / 2-S / 31-W
FIELD BOOK / PAGES: TC30 / 1-35	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 2.04
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.04.7

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (OR) (Blue Highlighter) DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter) DATE
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE
	CHANGE INCORPORATION	(Yellow Highlighter)	
	ORIGINATOR (OR)	Correct (Green Highlighter) Change (Red Pen)	

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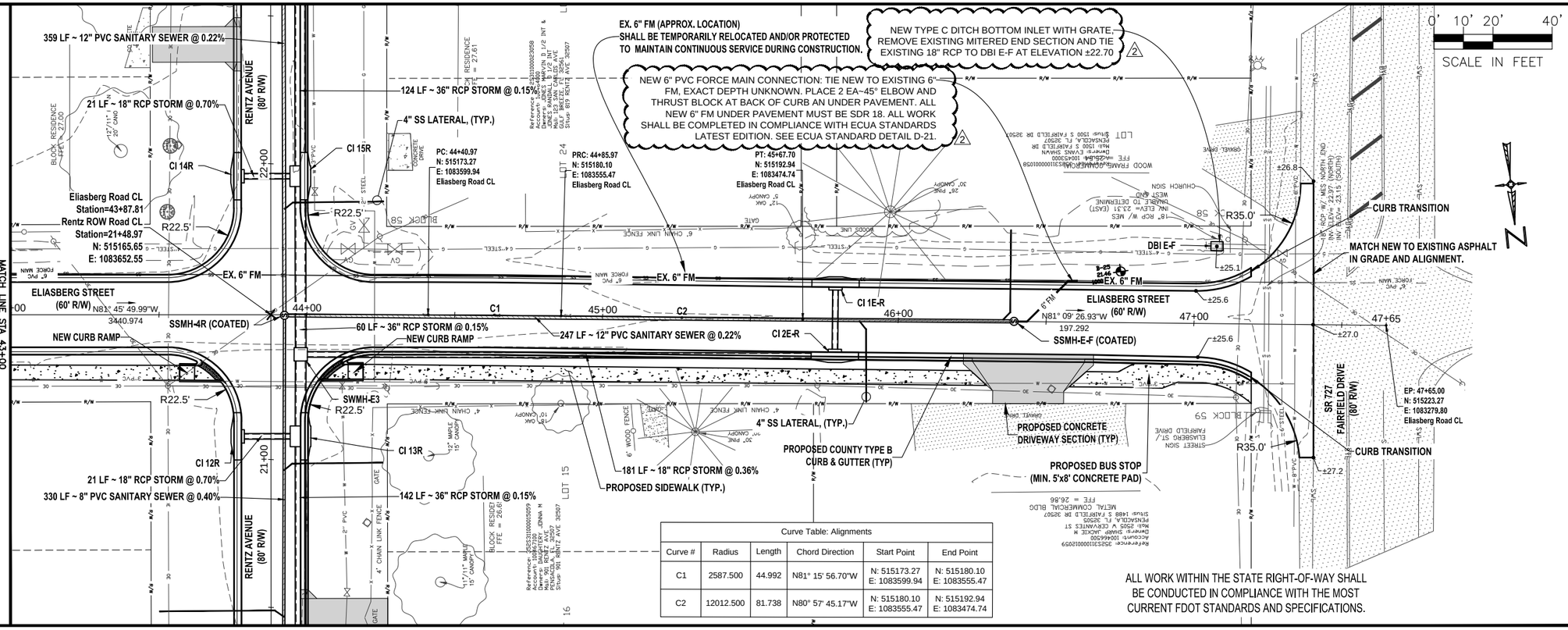
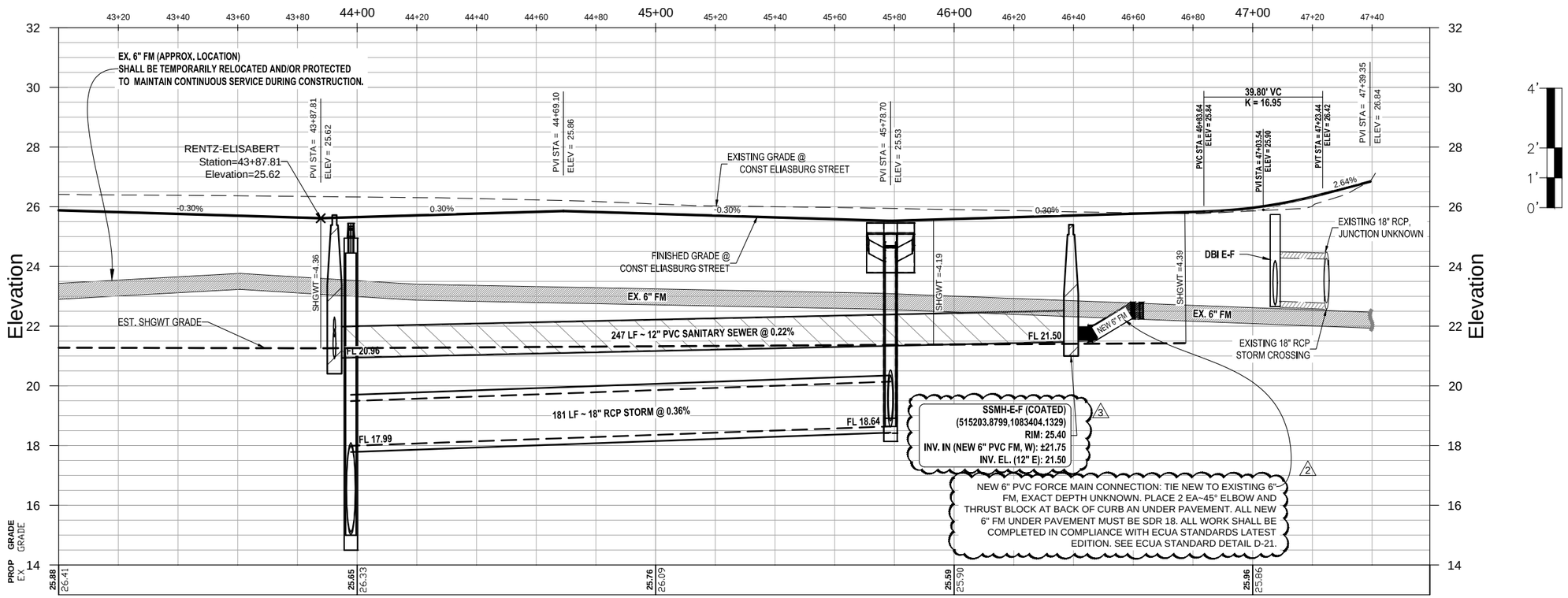


Curve Table: Alignments					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C1	2587.500	44.992	N81° 15' 56.70"W	N: 515173.27 E: 1083599.94	N: 515180.10 E: 1083555.47
C2	12012.500	81.738	N80° 57' 45.17"W	N: 515180.10 E: 1083555.47	N: 515192.94 E: 1083474.74



ELIASBERG STREET

PLAN AND PROFILE SHEET

STA. 43+00 TO STA. 47+59

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: JUNE 2023	PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 2	DATE:
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	
2	FORCE MAIN AND STORM INLET	7/24/2023	
3	FORCE MAIN CONNECTION	7/28/2023	

DRAWING NUMBER 2.04
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.04.8

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter) DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter) DATE
	CHECKER (RP)	ORIGINATOR (QR)	ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE
	CHANGE INCORPORATION	Correct (Green Highlighter) Change (Red Pen)	(Red Pen X-Out to Disagree or Remark) (Yellow Highlighter)

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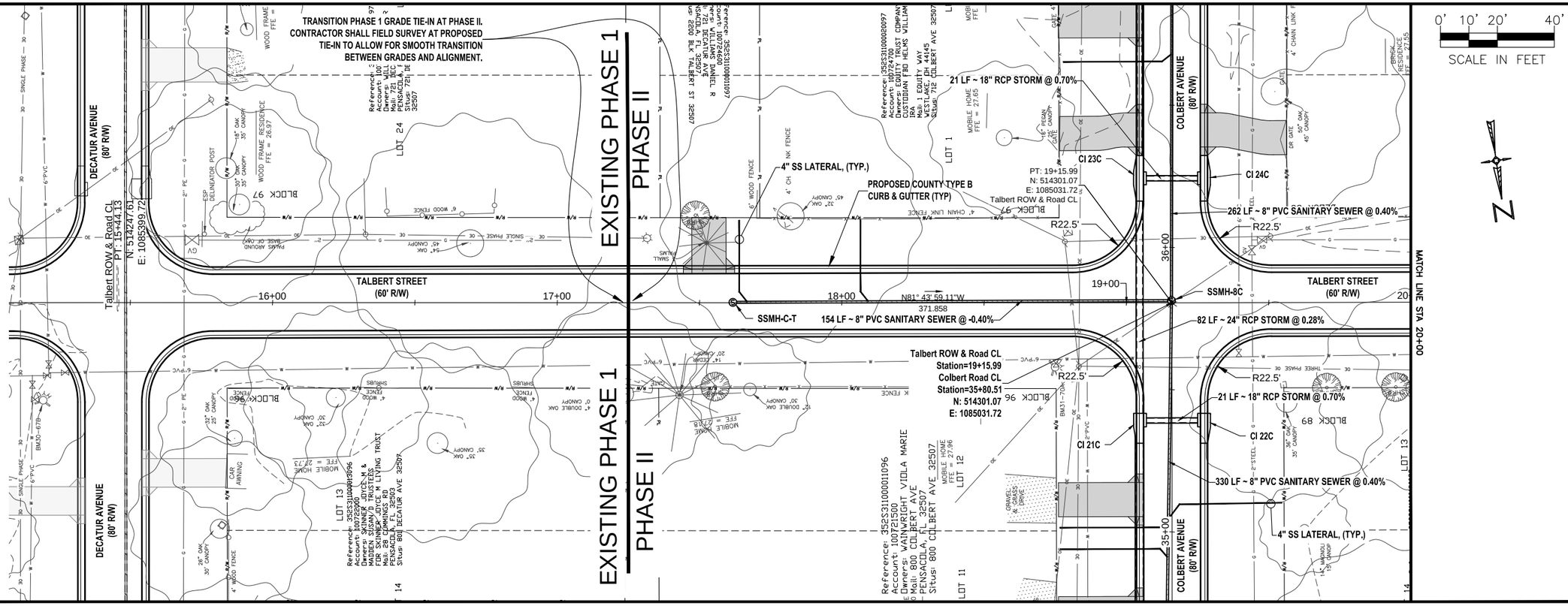
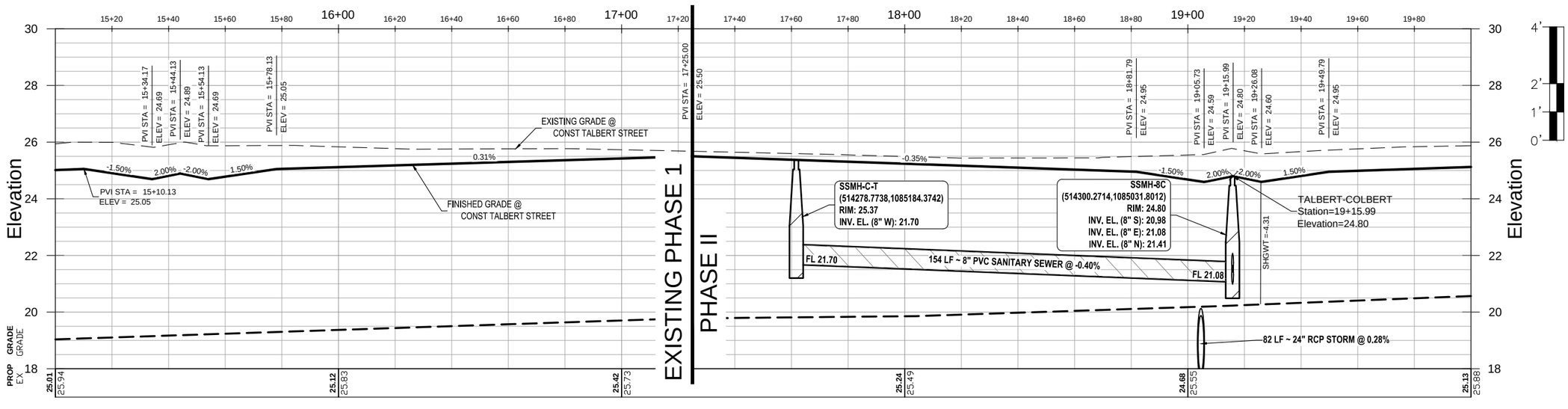




TALBERT STREET
PLAN AND PROFILE SHEET
STA. 15+00 TO STA. 20+00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W
CHECKED BY: GPH	DISTRICT: 3
REG. FLA. ENG. NO.: 43970	DATE:
SIGNATURE:	

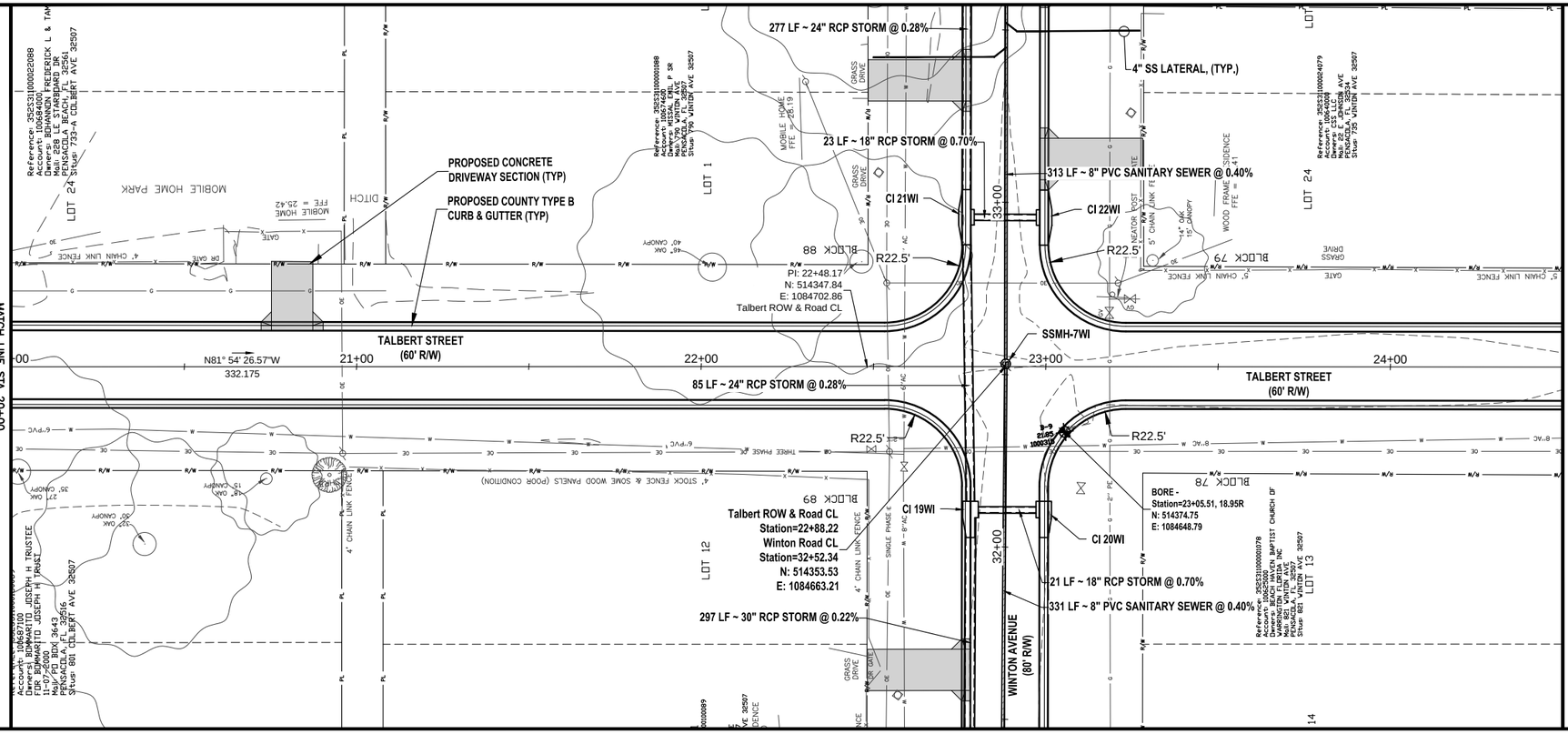
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

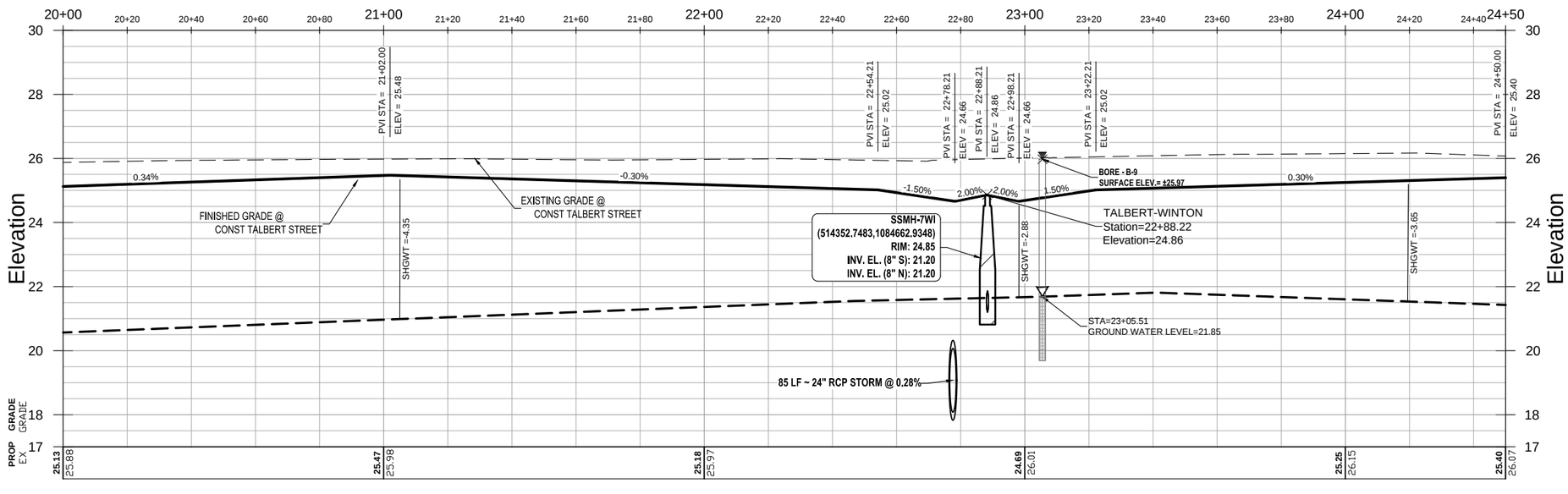
DRAWING NUMBER 2.05
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.05.2

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.05 Talbert StreetPP - PH II.dwg, May 25, 2023 - 10:40:01AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (DR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

	ORIGINATOR (DR)	Correct (Green Highlighter) Change (Red Pen)
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
	CHANGE INCORPORATION	(Yellow Highlighter)





TALBERT STREET
PLAN AND PROFILE SHEET
STA. 20+00 TO STA. 24+50

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DIST RICT: 2	SIGNATURE:
TITLE BLOCK / PAGES: TC30 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W		

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 2.05
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.05.3

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PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (OR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
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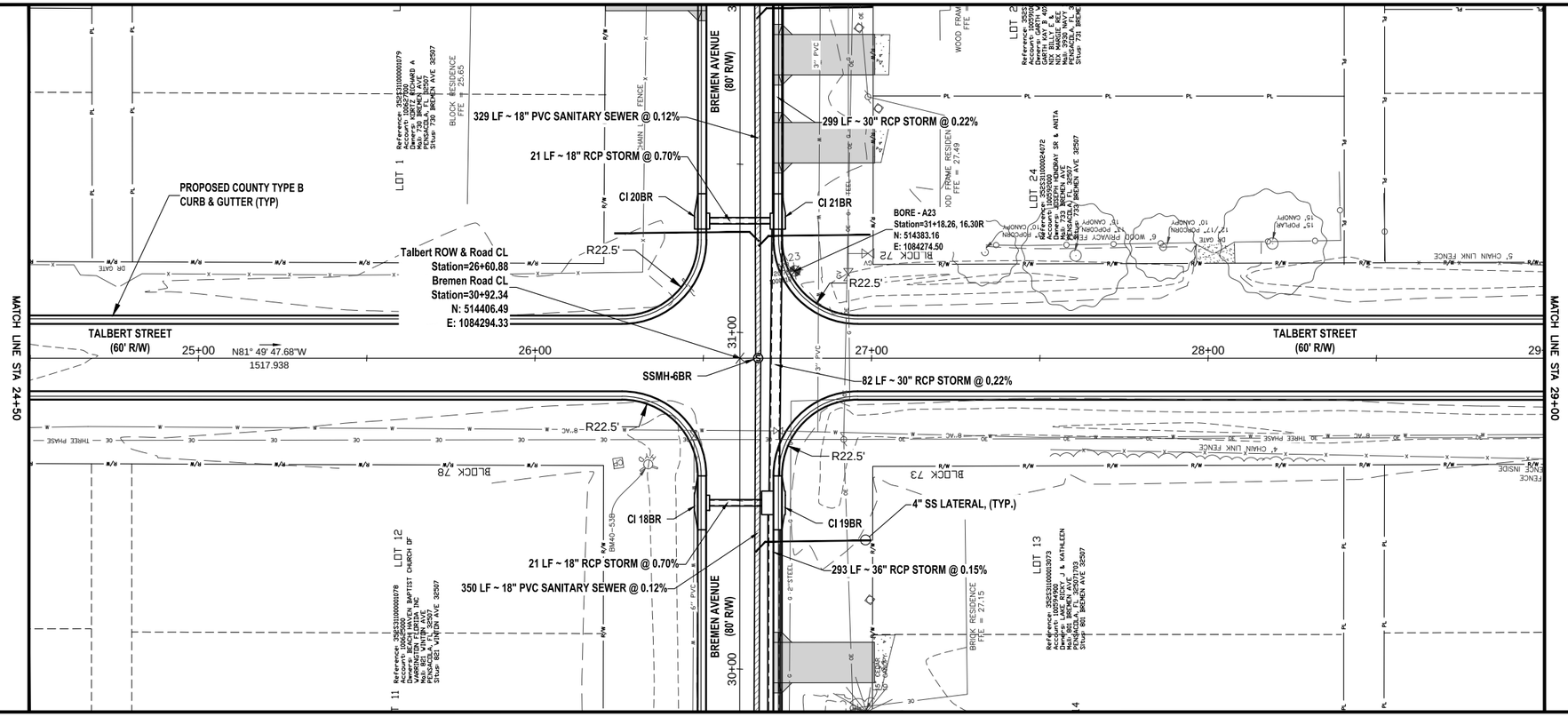
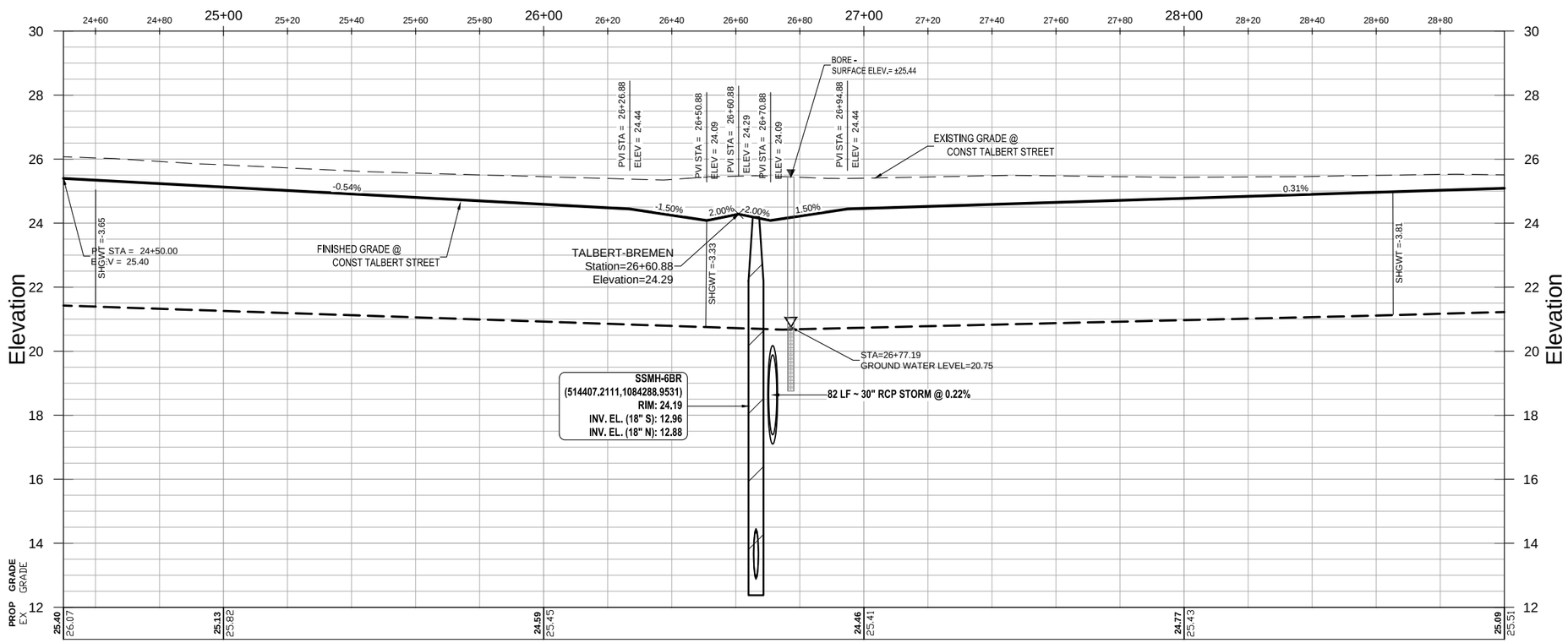
	CHANGE INCORPORATION (Yellow Highlighter)





TALBERT STREET
PLAN AND PROFILE SHEET
STA. 24+50 TO STA. 29+00

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ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DIST PROJ.: 2	DATE:
TITLE BLOCK / PAGES: TC30 1=35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 2.05

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 2.05.4

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SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
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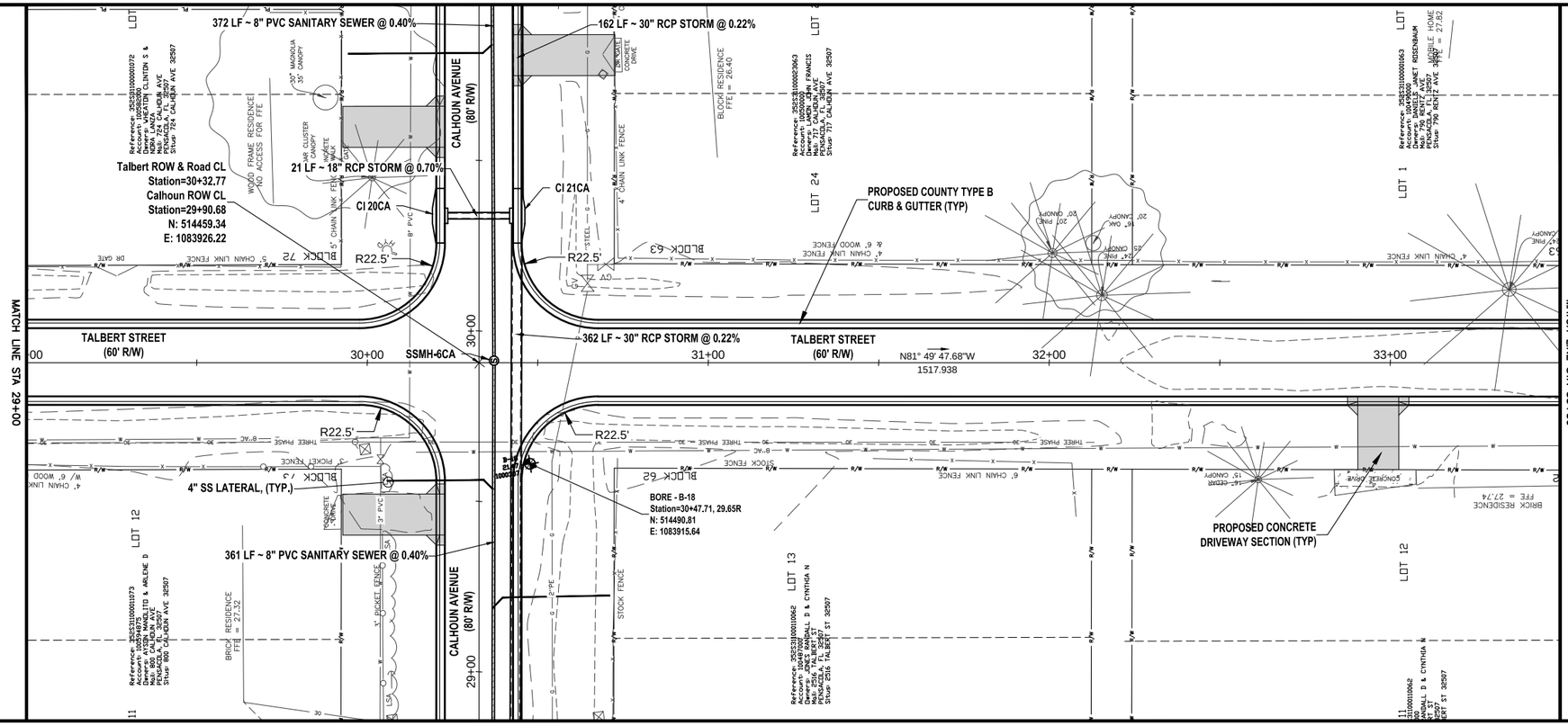
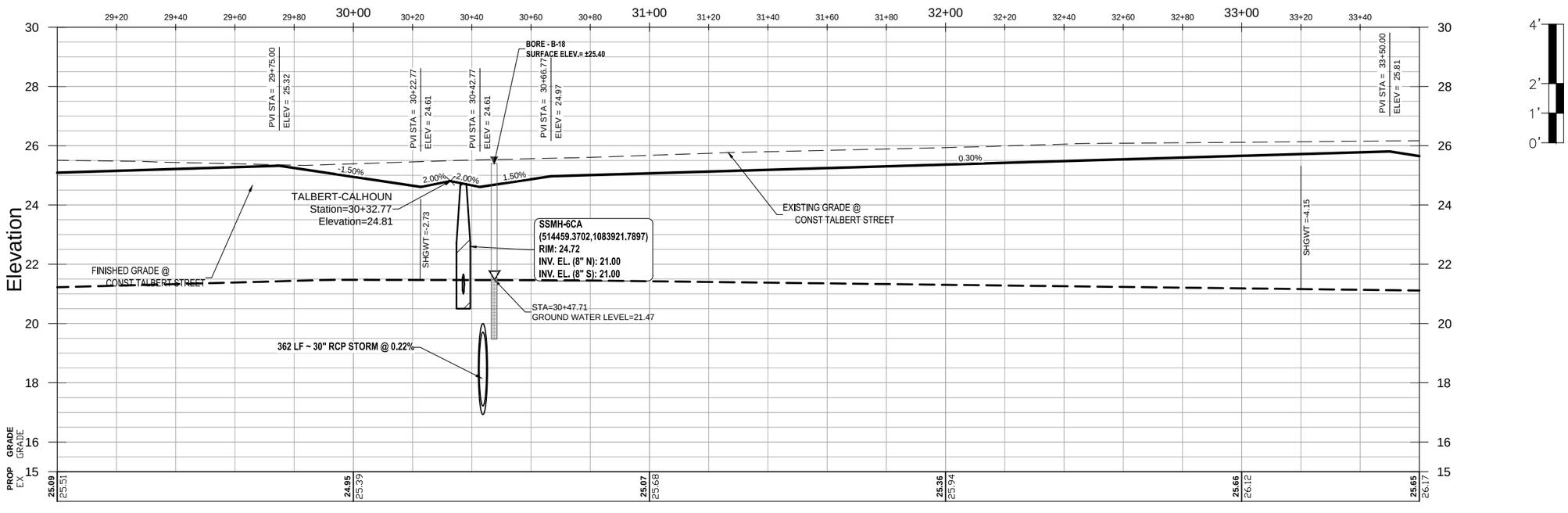
	ORIGINATOR (RP)	Correct (Green Highlighter) Change (Red Pen)
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
	CHANGE INCORPORATION	(Yellow Highlighter)





TALBERT STREET
PLAN AND PROFILE SHEET
STA. 29+00 TO STA. 33+50

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DIST RECT: 2	SIGNATURE:
TITLE BLOCK / PAGES: TC30 1-35		SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	2.05
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	2.05.5

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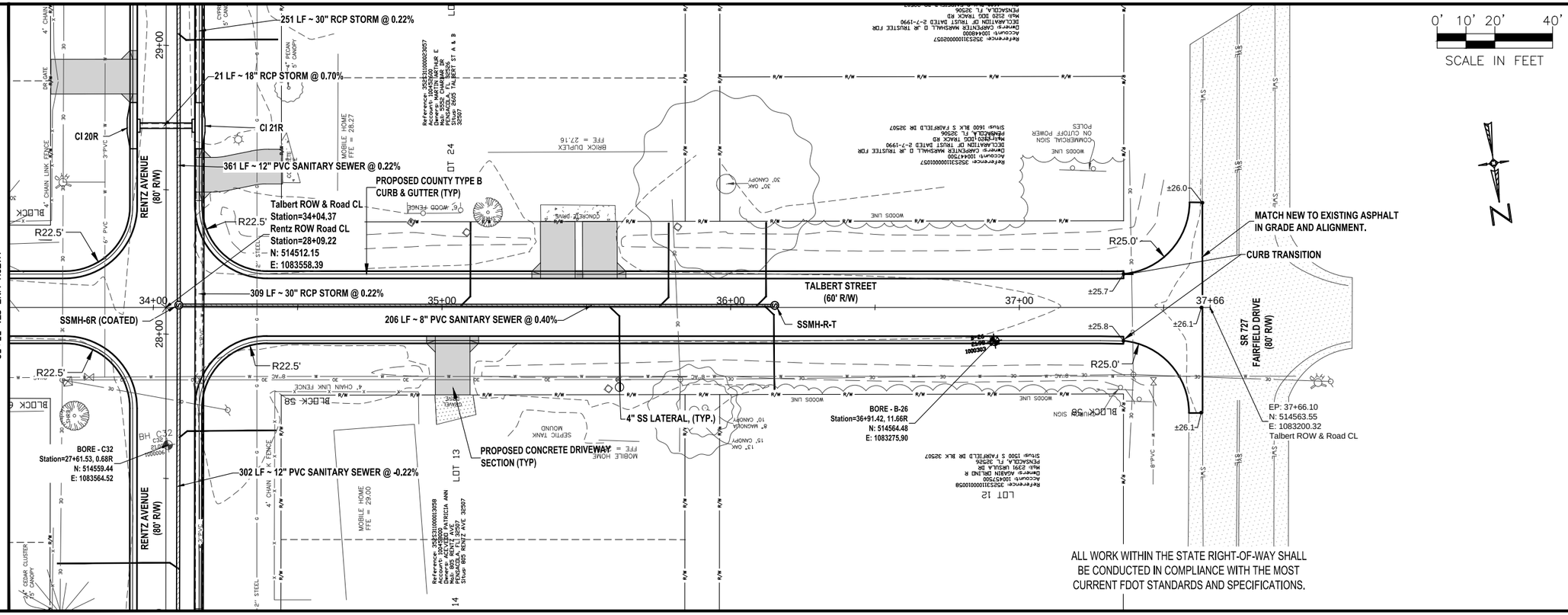
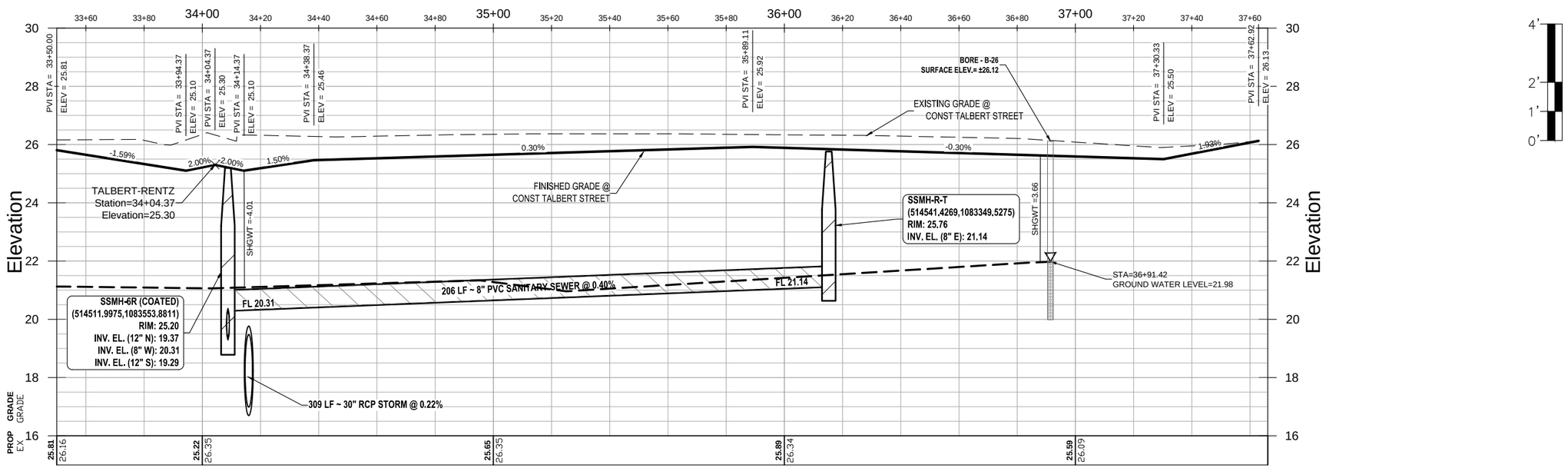
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)		
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)		
CHANGE INCORPORATION	(Yellow Highlighter)		



ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS.



TALBERT STREET
PLAN AND PROFILE SHEET
STA. 33+50 TO STA. 37+66

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY:	GPH/TAH
DATE:	MAY 2023
TILE BOOK / PAGES:	TC30/1-35
DESIGNED BY:	GPH
PROJECT MANAGER:	CHRIS A. CLARK
CHECKED BY:	GPH
DISTRICT:	2
SECTION / TOWNSHIP / RANGE:	35 / 2-S / 31-W
REG. FLA. ENG. NO.	43970
SIGNATURE:	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 2.05
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.05.6

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.05 Talbert StreetPP - PH II.dwg, May 25, 2023 - 10:42:00AM, gpotter			
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SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter) DATE
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE
	CHANGE INCORPORATION	(Yellow HighLighter)	
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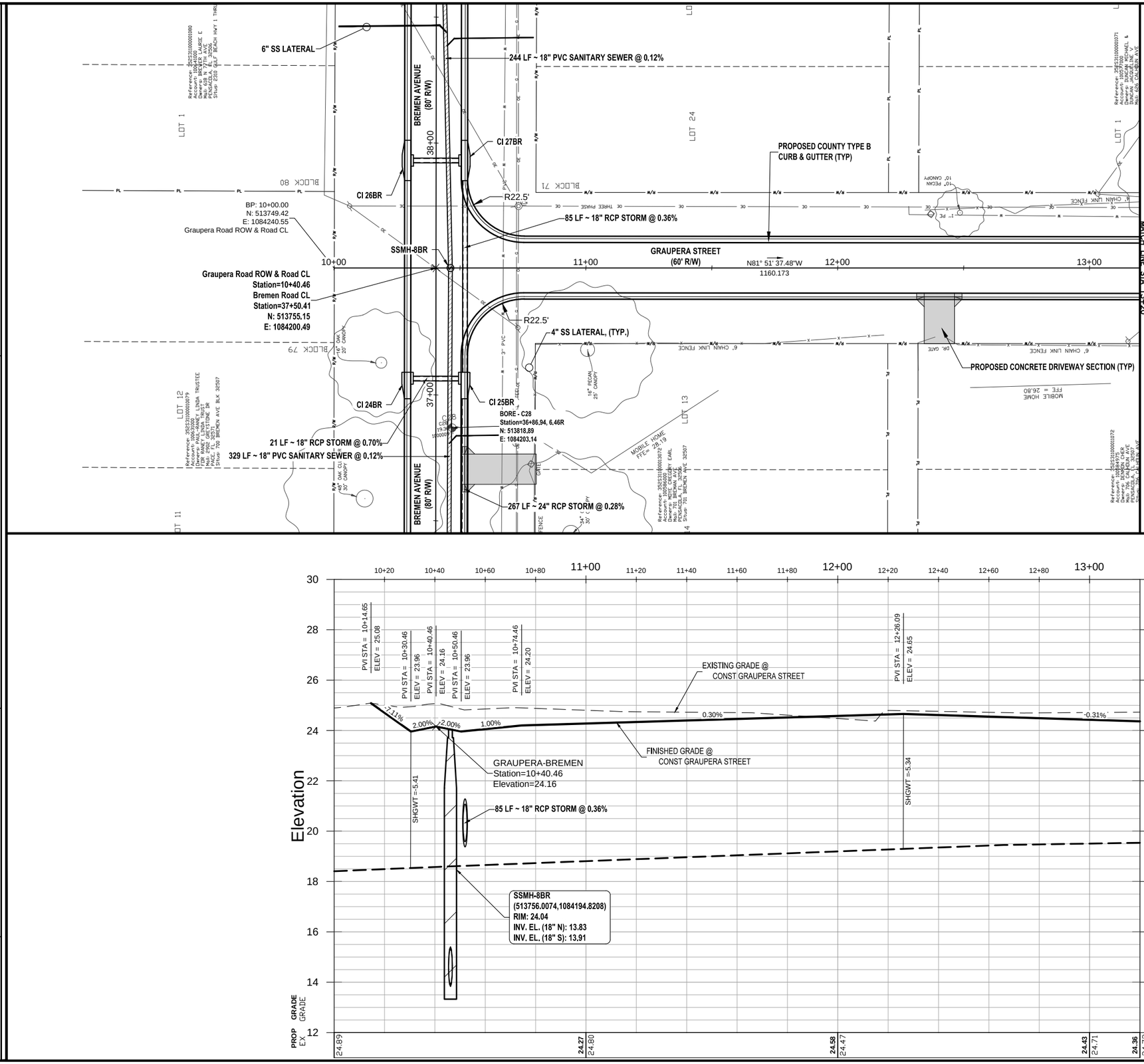


0' 10' 20' 40'
SCALE IN FEET

4' 2' 1' 0'

GRAUPERA STREET
PLAN AND PROFILE SHEET
STA. 10+00 TO STA. 13+20

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

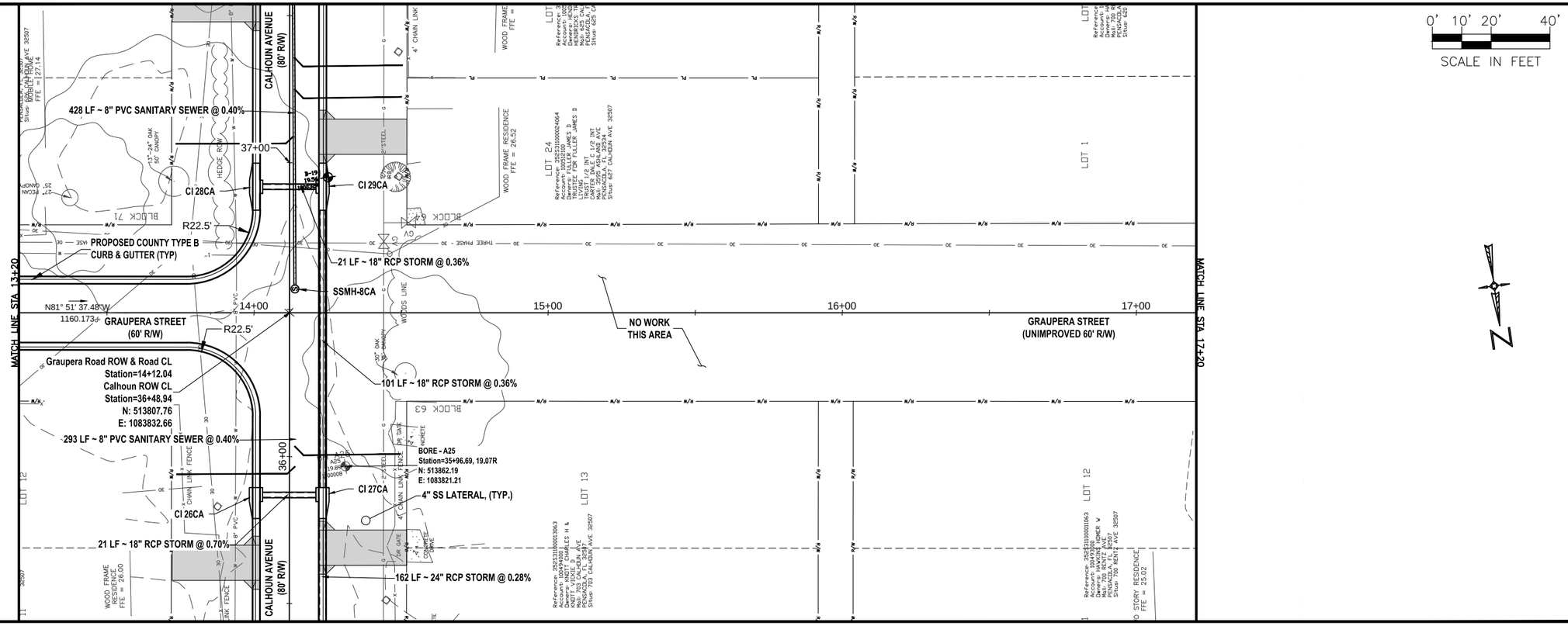
DRAWN BY: GPHTAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CHAB
DISTRICT: 1-2	SIGNATURE:
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W

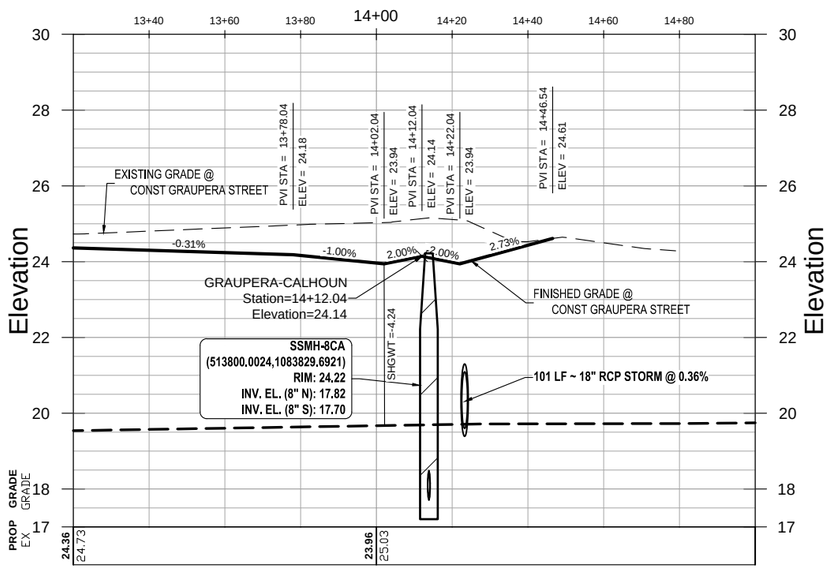
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

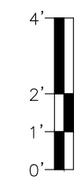
DRAWING NUMBER 2.06
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.06.1

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.06 Graupera StreetPP - PH II.dwg, May 25, 2023 - 10:43:17AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)	VERIFICATION CHECKER (GR) (Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION (Blue Highlighter)	DATE
SIGNATURE:			CHANGE INCORPORATION (Yellow Highlighter)	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE







GRAUPERA STREET
PLAN AND PROFILE SHEET
STA. 13+20 TO STA. 17+50

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CLIFR	DIST RECT: 2	SIGNATURE:
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2-S / 31-W		

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	2.06
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	2.06.2

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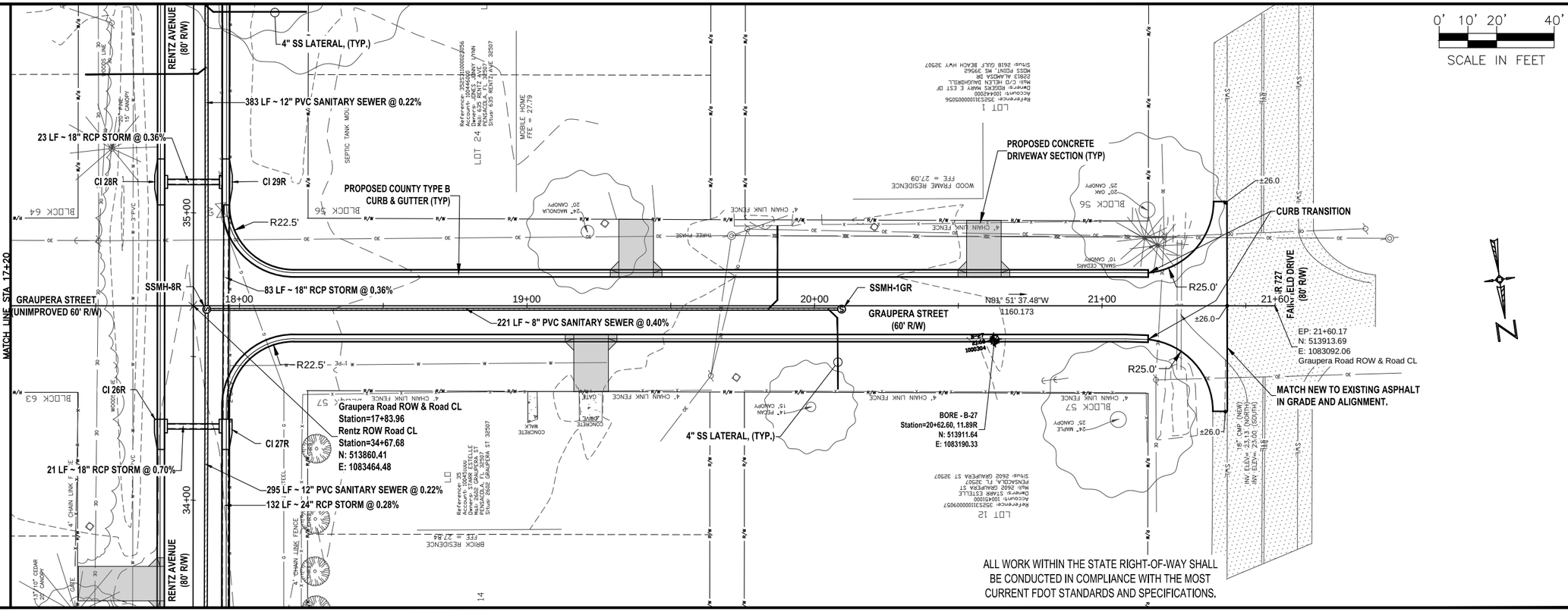
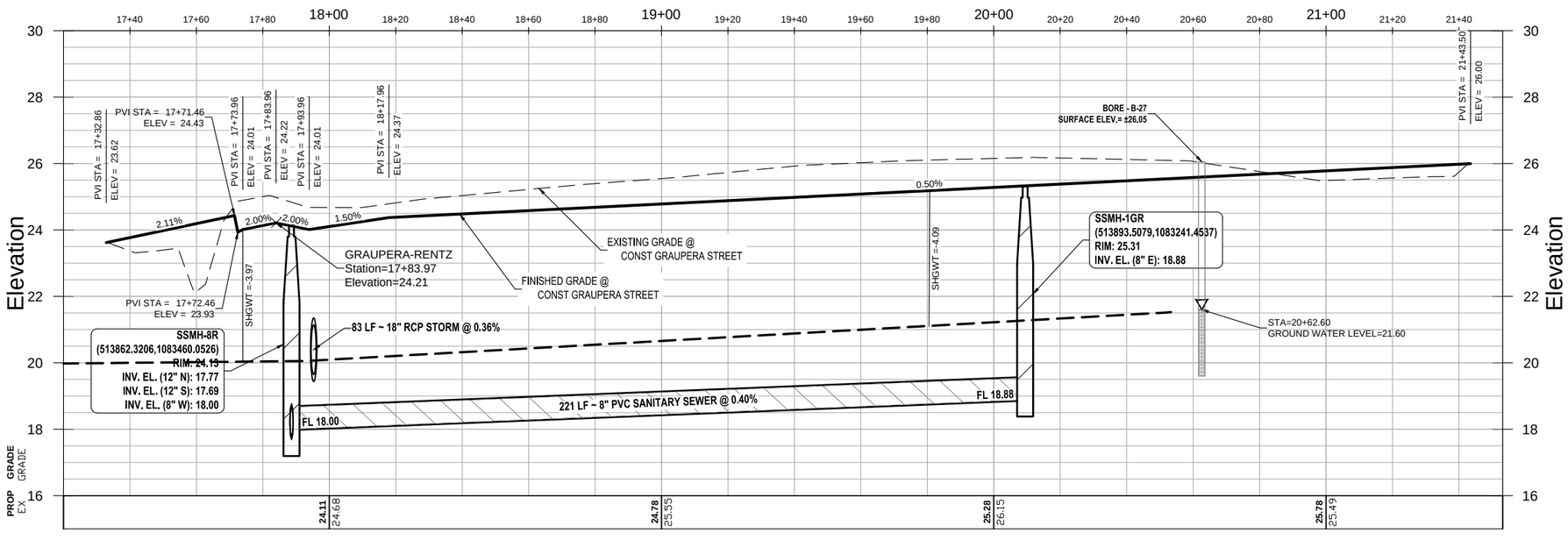
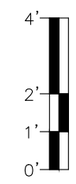
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
	CHANGE INCORPORATION	(Yellow Highlighter)







GRAUPERA STREET
PLAN AND PROFILE SHEET
STA. 17+50 TO STA. 21+53

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLS. ENG. NO.: 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DIST RECT: 2	SIGNATURE:
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W		

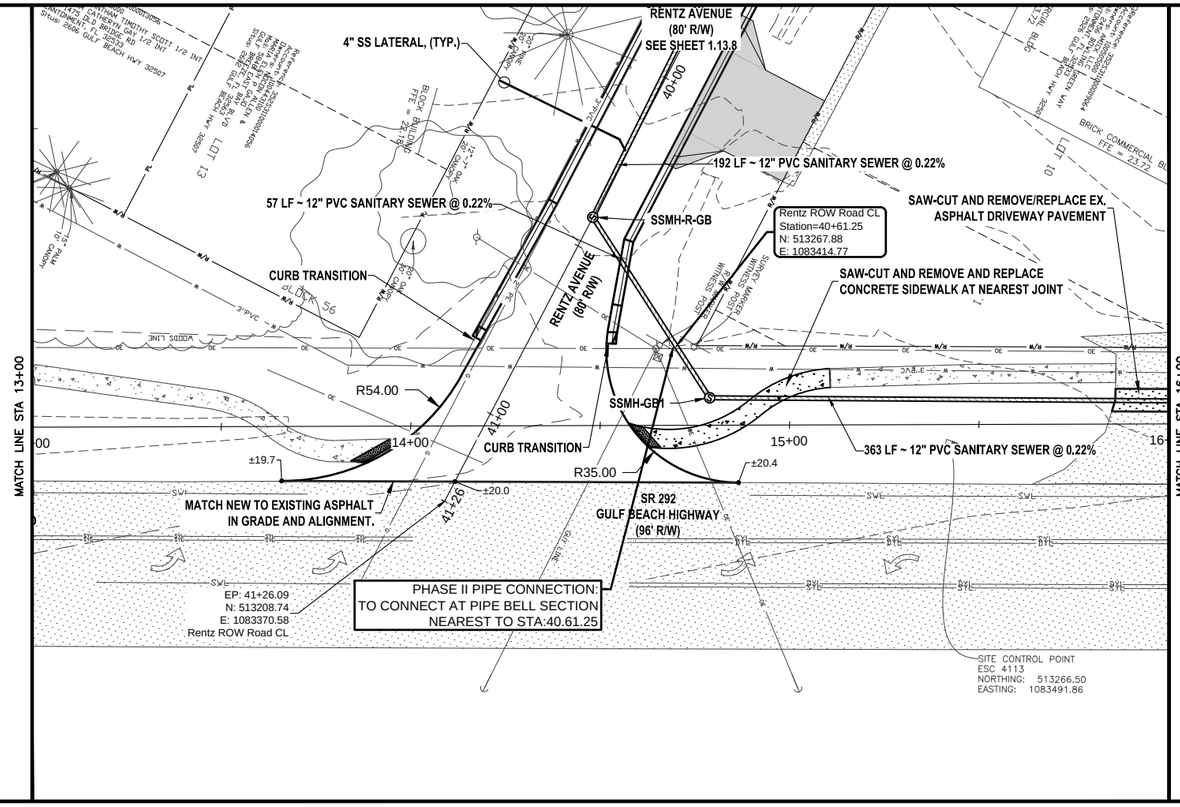
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 2.06
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.06.3

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.06 Graupera StreetPP - PH II.dwg, May 25, 2023 - 10:44:14AM, gpotter

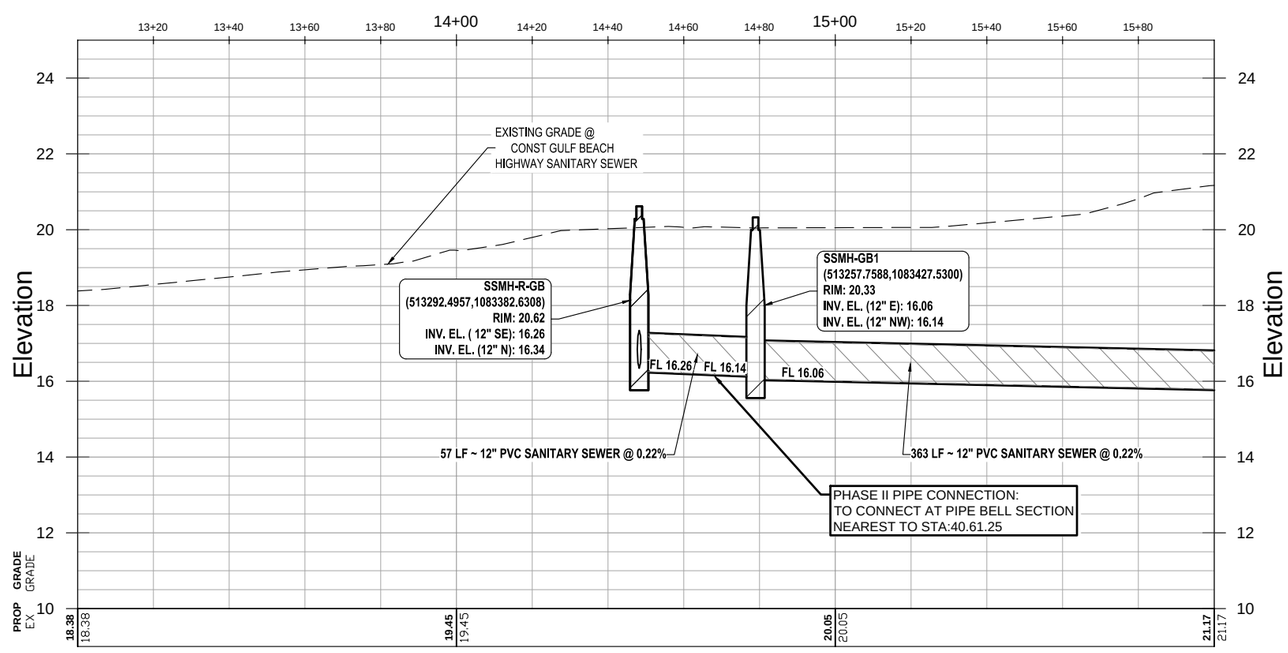
PHASE	REVIEW	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
SIGNATURE:		ORIGINATOR (RP)	CHECKER (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
			CHANGE INCORPORATION		ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)
CHECKER (RP) (Red Pen X-Out to Disagree or Remark)
CHANGE INCORPORATION (Yellow Highlighter)



0' 10' 20' 40'
SCALE IN FEET

ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS, (PHASE II SCOPE OF WORK)



PHASE II:

ALL FDOT R/W WORK
INCLUDING PIPING TO COUNTY R/W

4'
2'
1'
0'

GULF BEACH HIGHWAY
PLAN AND PROFILE SHEET
STA. 13+00 TO STA. 16+00

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLS. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 3	SIGNATURE: DATE:
FIELD BOOK/PAGES: TC30 / 1-35	SECTION/TOWNSHIP/RANGE: 35 / 2-S / 31-W		

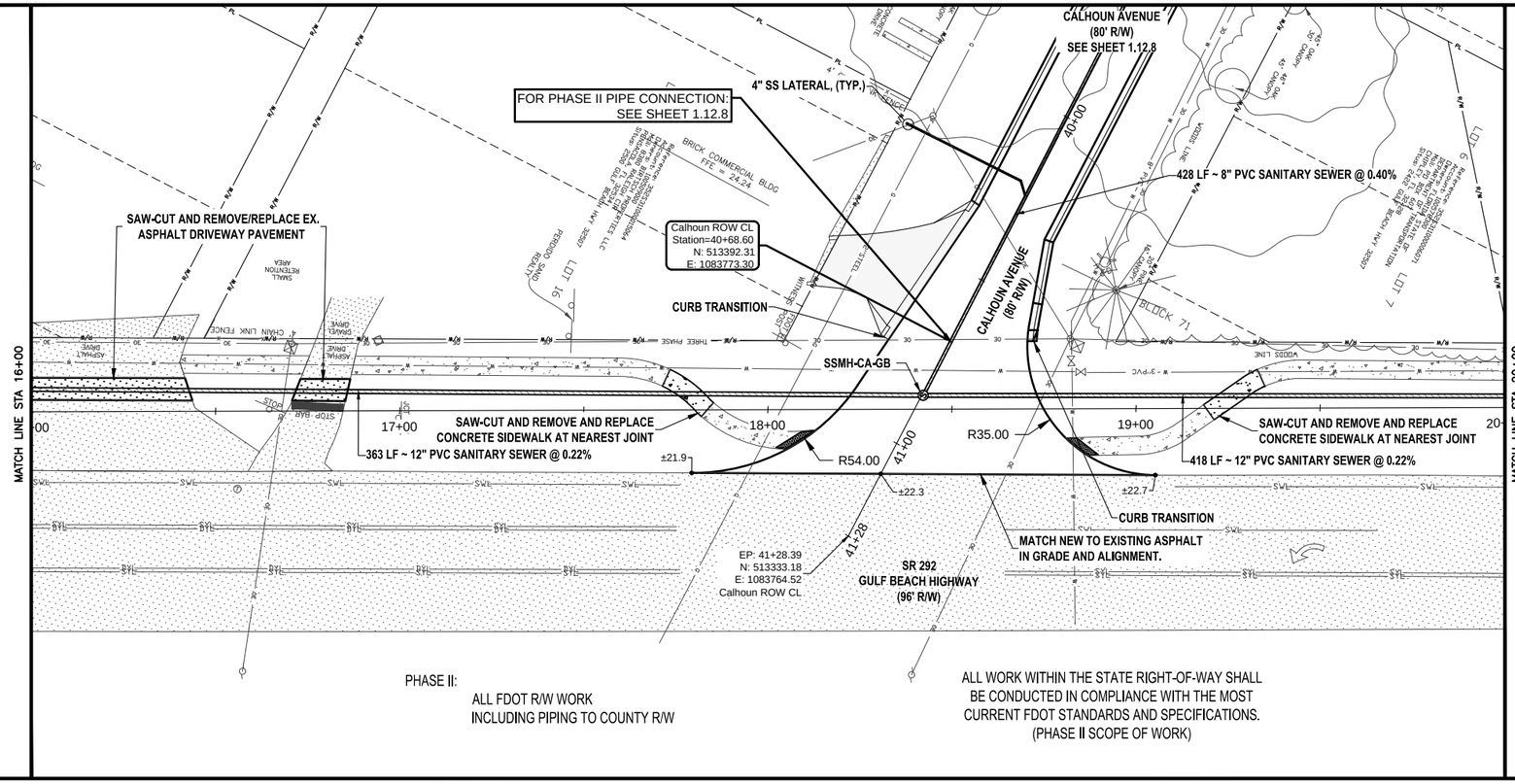
NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 2.07
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.07.1

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.07 Gulf Beach Highway - PH II.dwg, May 25, 2023 - 10:45:32AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (DR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

	ORIGINATOR (DR)	Correct (Green Highlighter) Change (Red Pen)
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
	CHANGE INCORPORATION	(Yellow Highlighter)



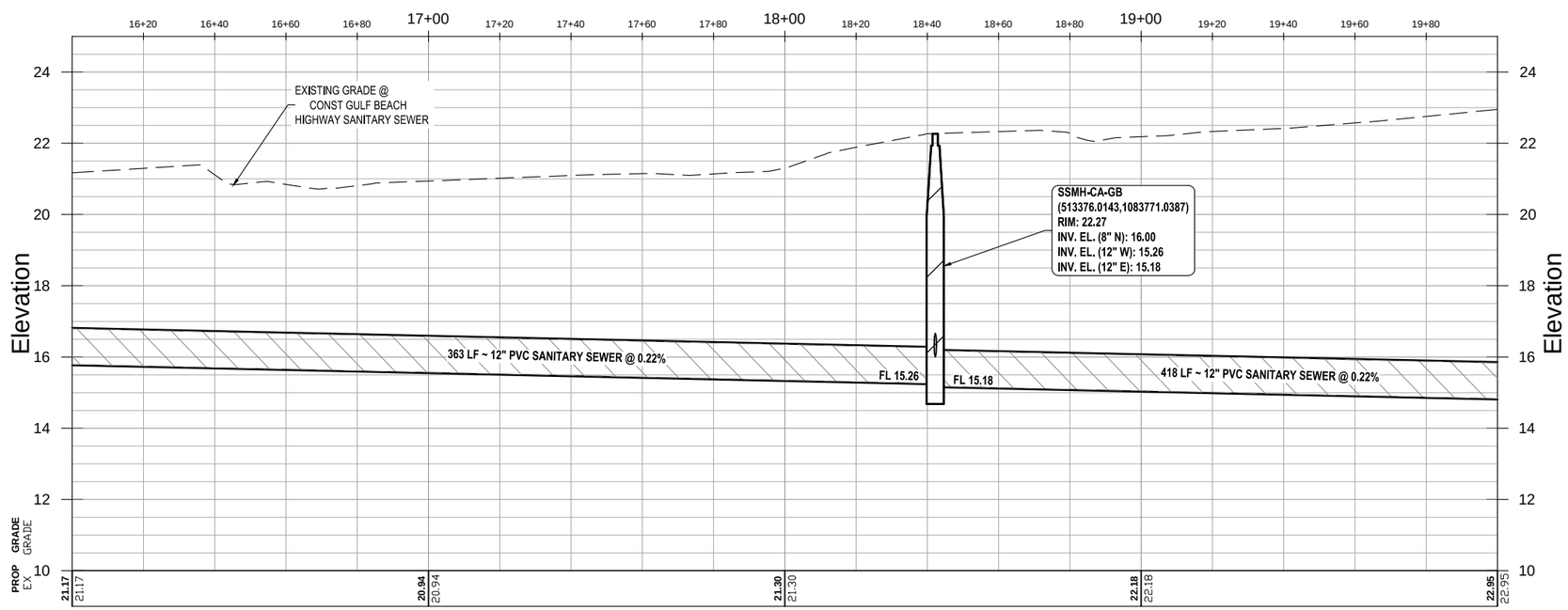
PHASE II:

ALL FDOT R/W WORK
INCLUDING PIPING TO COUNTY R/W

ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL
BE CONDUCTED IN COMPLIANCE WITH THE MOST
CURRENT FDOT STANDARDS AND SPECIFICATIONS.
(PHASE II SCOPE OF WORK)

0' 10' 20' 40'
SCALE IN FEET

N



4'
2'
1'
0'

GULF BEACH HIGHWAY
PLAN AND PROFILE SHEET
STA. 16+00 TO STA. 20+00

ESCAMBIA COUNTY · PUBLIC WORKS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. GERB
TITLE BLOCK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W
CHECKED BY: GPH	DISTRICT: 3
REG. FLA. ENG. NO.: 43970	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 2.07
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.07.2

PHASE	REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	DATE	ORIGINATOR VERIFICATION	DATE
		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION		CHANGE INCORPORATION	
SIGNATURE:							

ORIGINATOR (RP) Correct (Green Highlighter) Change (Red Pen)
CHECKER (RP) (Red Pen X-Out to Disagree or Remark) (Blue Highlighter) (Blue Highlighter) Correct (Pink Highlighter)
CHANGE INCORPORATION (Yellow Highlighter)

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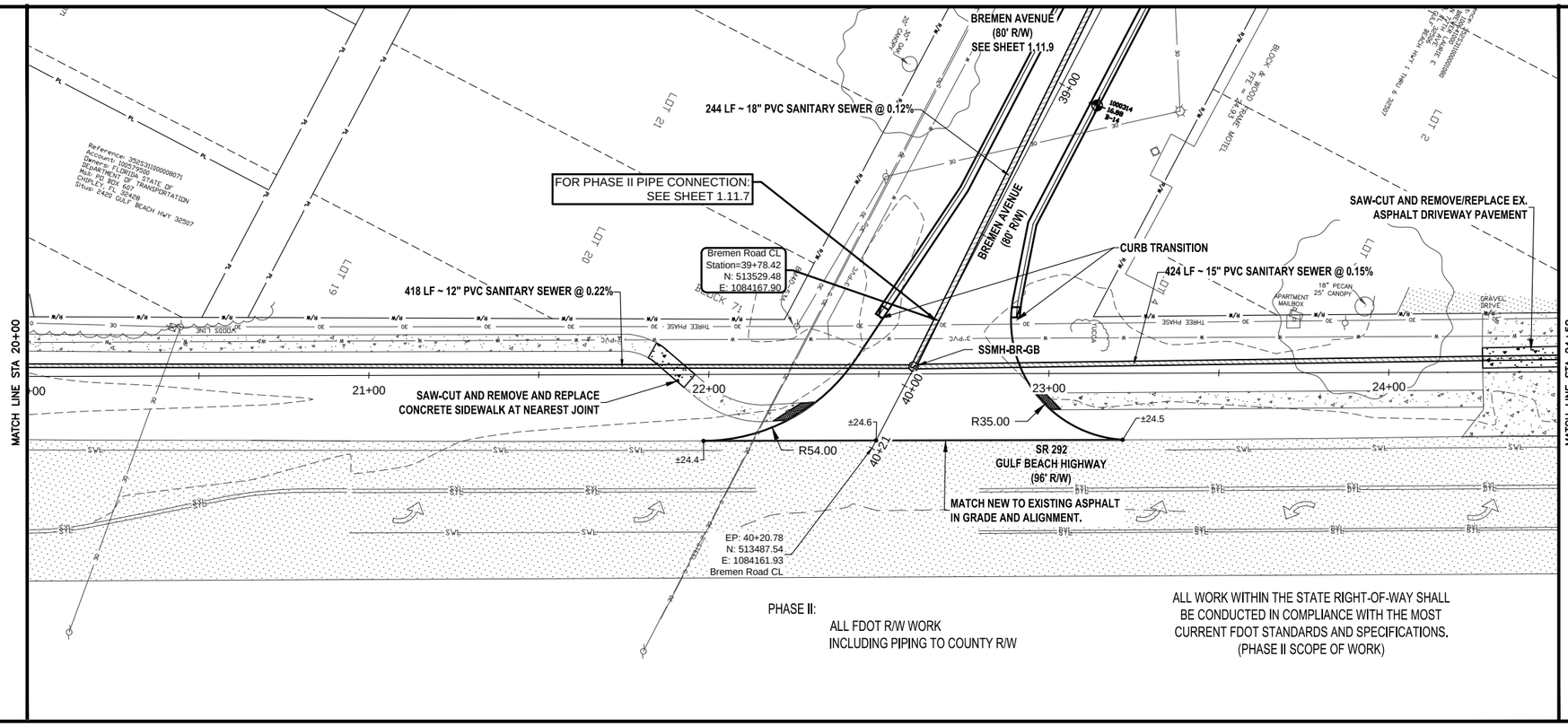
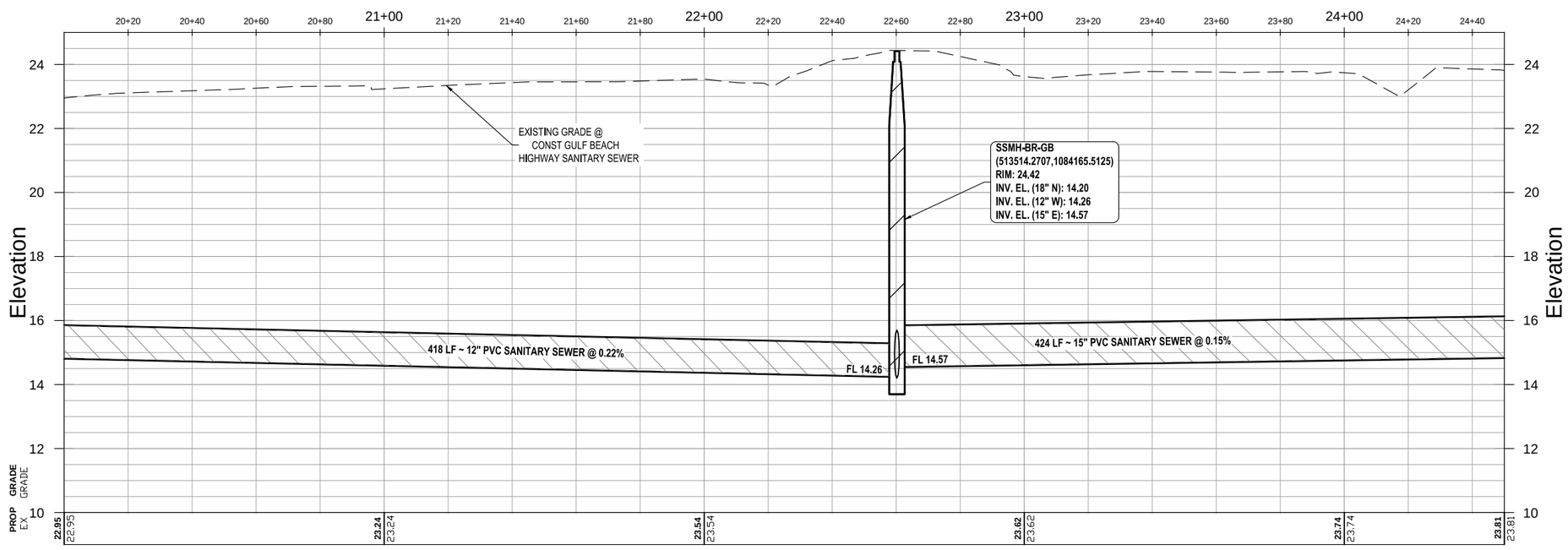




GULF BEACH HIGHWAY
PLAN AND PROFILE SHEET
STA. 20+00 TO STA. 24+50

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CLARK
DISTRICT: 2	SIGNATURE:
FIELD BOOK/ PAGES: TC20 / 1-35	SECTION/ TOWNSHIP/ RANGE: 35/ 2-S / 31-W

NUMBER	REVISIONS	DATE	APPROVED BY

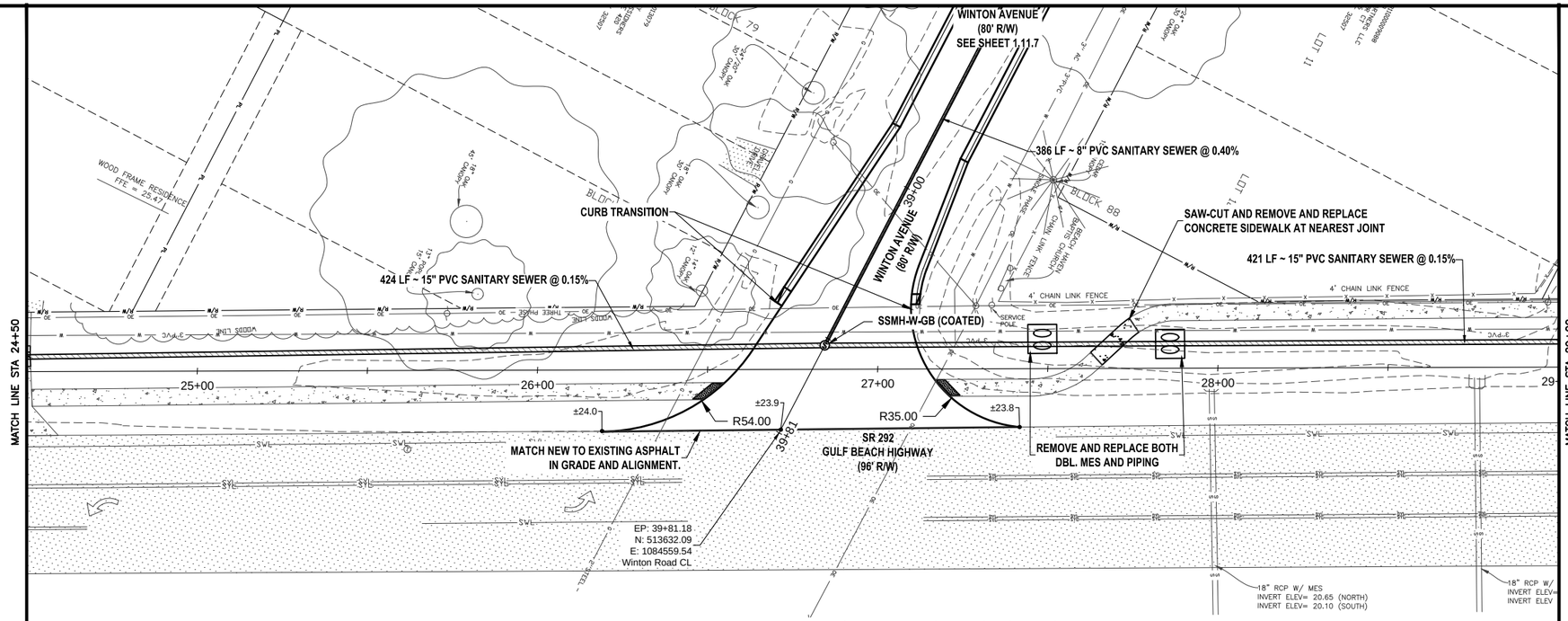
DRAWING NUMBER	2.07
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	2.07.3

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.07 Gulf Beach Highway - PH II.dwg, May 25, 2023 - 10:46:33AM, gpotter

PHASE ____ REVIEW		DATE
SIGNATURE:	ORIGINATOR (RP)	
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	

		DATE
VERIFICATION, CHECKER (QR)	(Blue Highlighter)	
REMARK INCORPORATION	(Blue Highlighter)	
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	

		DATE
ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	
CHANGE INCORPORATION	(Yellow Highlighter)	

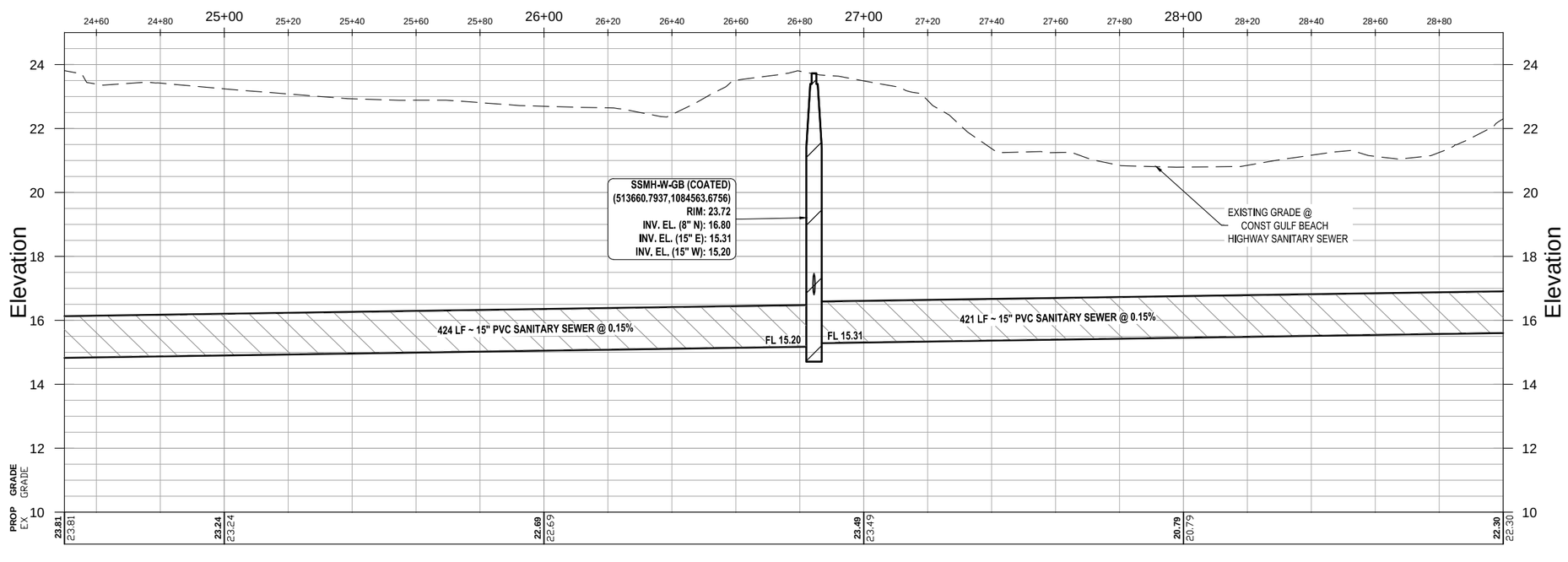


PHASE II:

ALL FDOT R/W WORK
INCLUDING PIPING TO COUNTY R/W

ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS. (PHASE II SCOPE OF WORK)

0' 10' 20' 40'
SCALE IN FEET



GULF BEACH HIGHWAY
PLAN AND PROFILE SHEET
STA. 24+50 TO STA. 29+00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W
REG. FLA. ENG. NO. 43970	CHECKED BY: GPH
DATE:	DISTRICT: 2
SIGNATURE:	

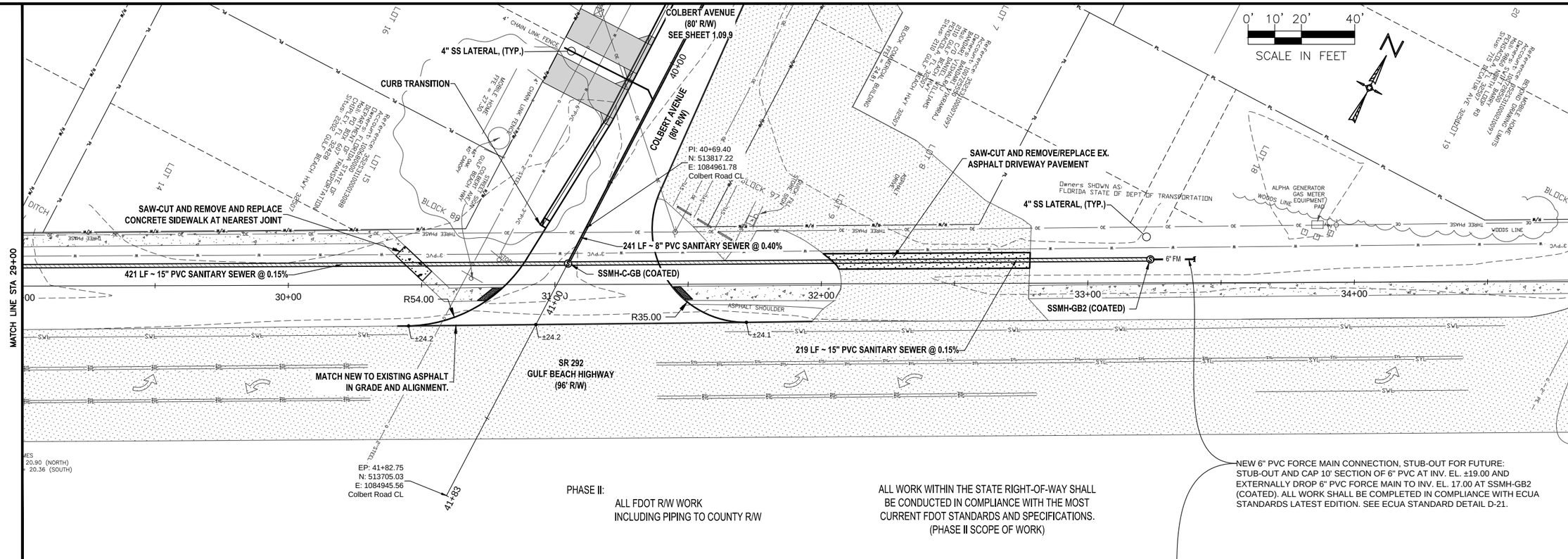
NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 2.07
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.07.4

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.07 Gulf Beach Highway - PH II.dwg, May 25, 2023 - 10:47:03AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
			CHANGE INCORPORATION	(Yellow Highlighter)

VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
REMARK INCORPORATION	(Blue Highlighter)	DATE
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

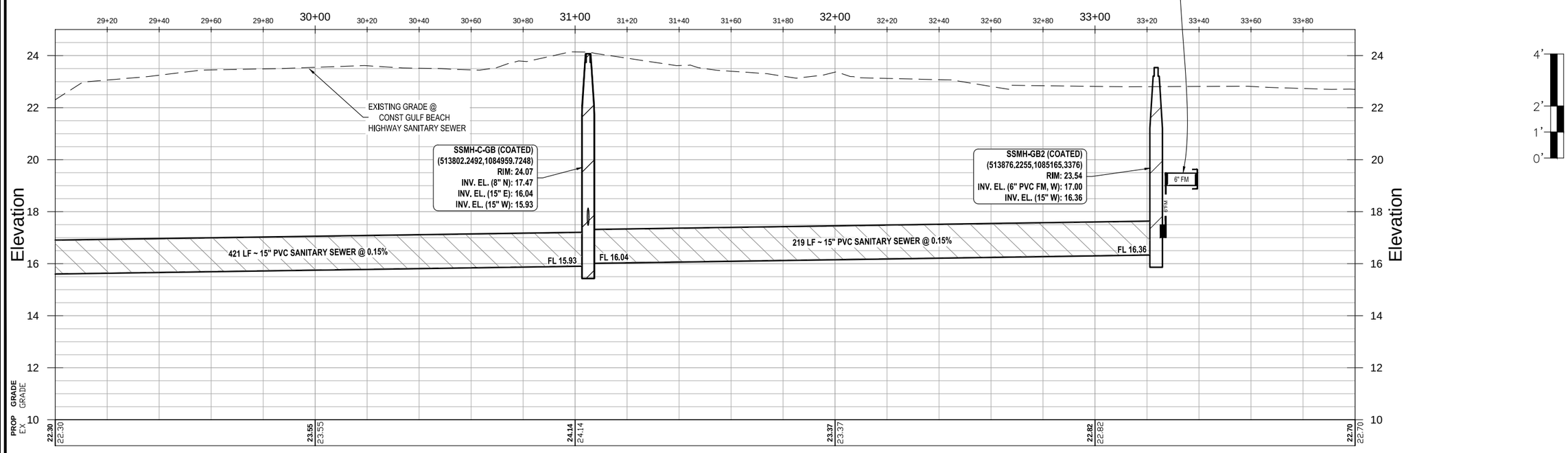


PHASE II:

ALL FDOT R/W WORK
INCLUDING PIPING TO COUNTY R/W

ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS. (PHASE II SCOPE OF WORK)

NEW 6" PVC FORCE MAIN CONNECTION, STUB-OUT FOR FUTURE: STUB-OUT AND CAP 10' SECTION OF 6" PVC AT INV. EL. ±19.00 AND EXTERNALLY DROP 6" PVC FORCE MAIN TO INV. EL. 17.00 AT SSMH-GB2 (COATED). ALL WORK SHALL BE COMPLETED IN COMPLIANCE WITH ECUA STANDARDS LATEST EDITION. SEE ECUA STANDARD DETAIL D-21.



GULF BEACH HIGHWAY
PLAN AND PROFILE SHEET
STA. 29+00 TO STA. 34+00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	CHECKED BY: GPH
FIELD BOOK/PAGES: TC30 / 1-35	PROJECT MANAGER: CHRIS A. CURB
SECTION/TOWNSHIP/RANGE: 35 / 2-S / 31-W	DISTRICT: 2
REG. PLS. ENG. NO. 43970	DATE:
SIGNATURE:	

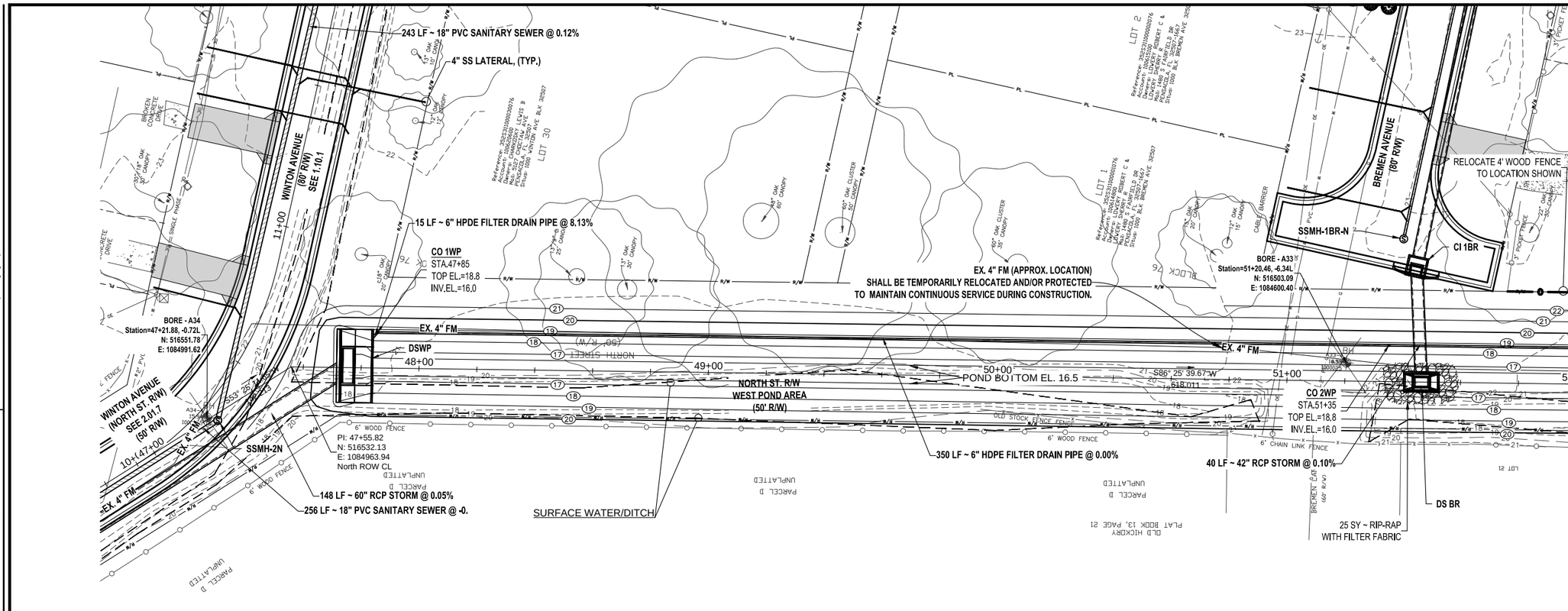
NUMBER	REVISIONS	DATE	APPROVED BY

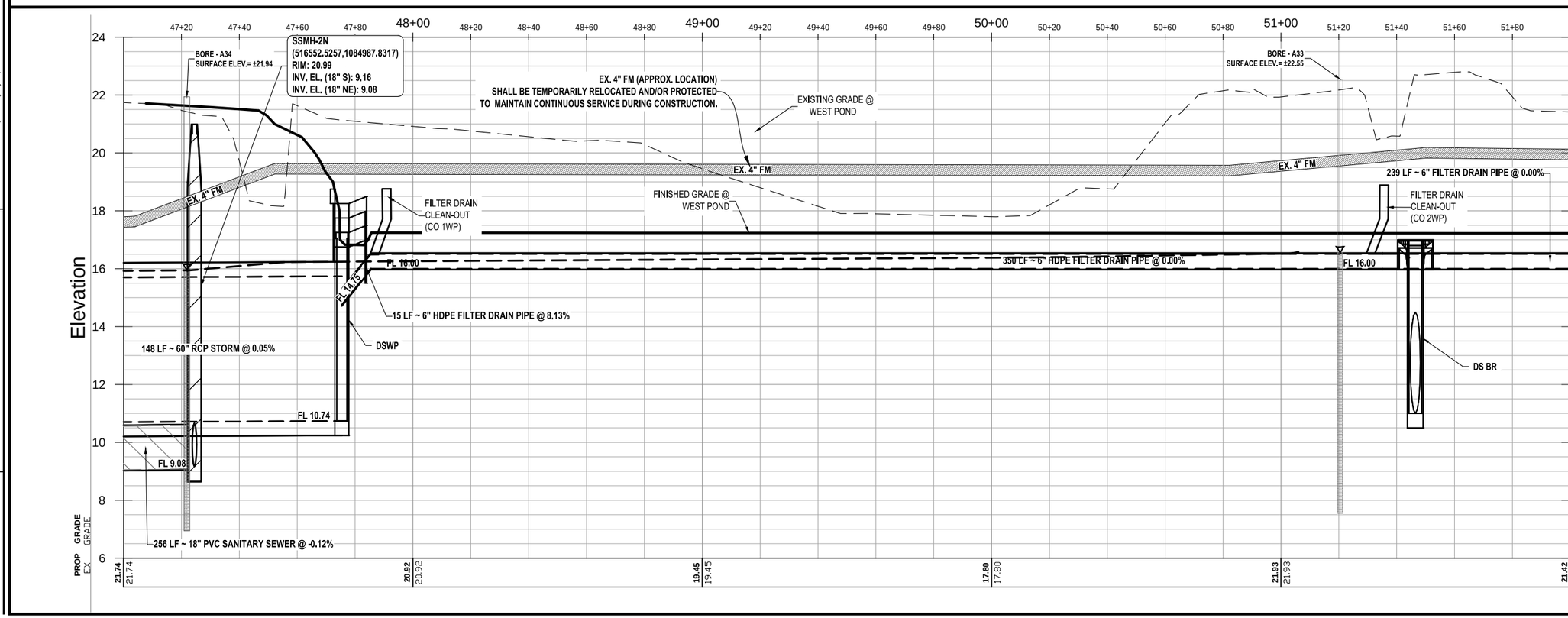
DRAWING NUMBER 2.07
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.07.5

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.07 Gulf Beach Highway - PH II.dwg, May 25, 2023 - 10:47:30AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)
	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)
	CHANGE INCORPORATION (Yellow Highlighter)





WEST POND (NORTH ST. ROW)
PLAN AND PROFILE SHEET
STA. 47+00.00 TO STA. 52+00.00

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLERB
FIELD BOOK/PAGES: TC20 / 1-35	SECTION/TOWNSHIP/RANGE: 35 / 2-S / 31-W
CHECKED BY: GPH	DISTRICT: 2
REG. P.E. & ENG. NO.: 43970	DATE:
SIGNATURE:	

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	2.08
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	2.08.1

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.08 WestPond-North SIPP - PH II.dwg, May 25, 2023 - 10:49:14AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GP) Correct (Green Highlighter) Change (Red Pen)
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)
			CHANGE INCORPORATION (Yellow HighLighter)

		DATE	VERIFICATION, CHECKER (GP) (Blue Highlighter)	DATE
			REMARK INCORPORATION (Blue Highlighter)	DATE
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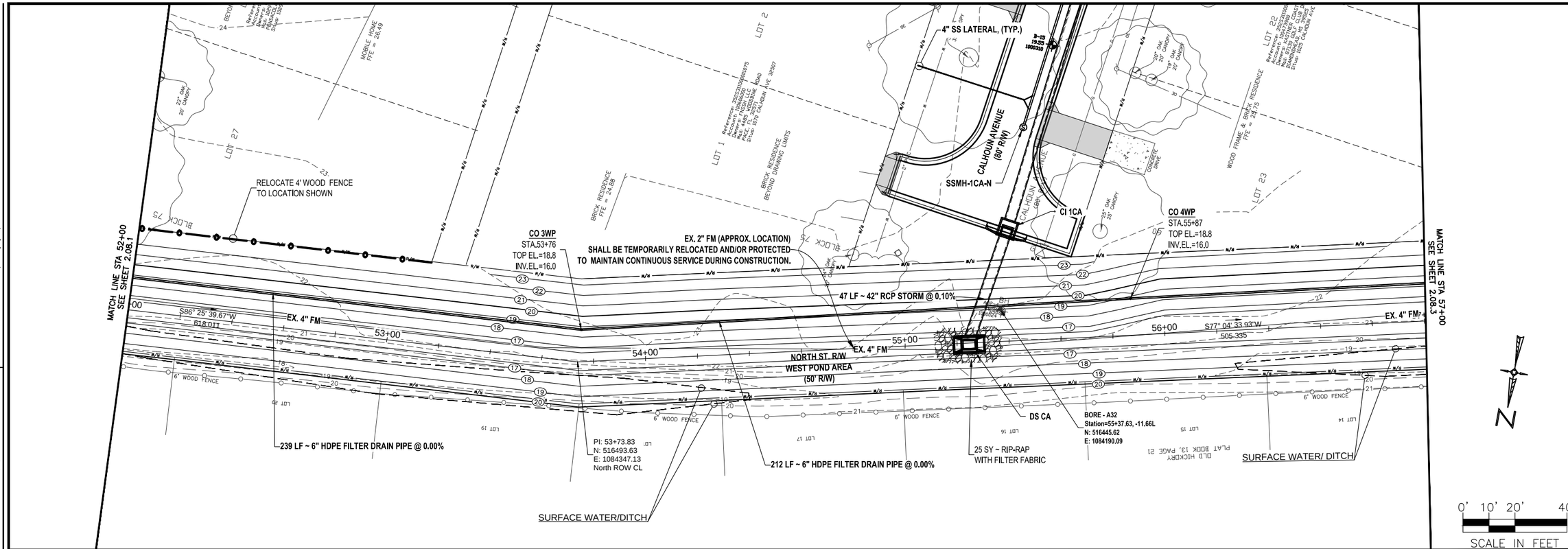
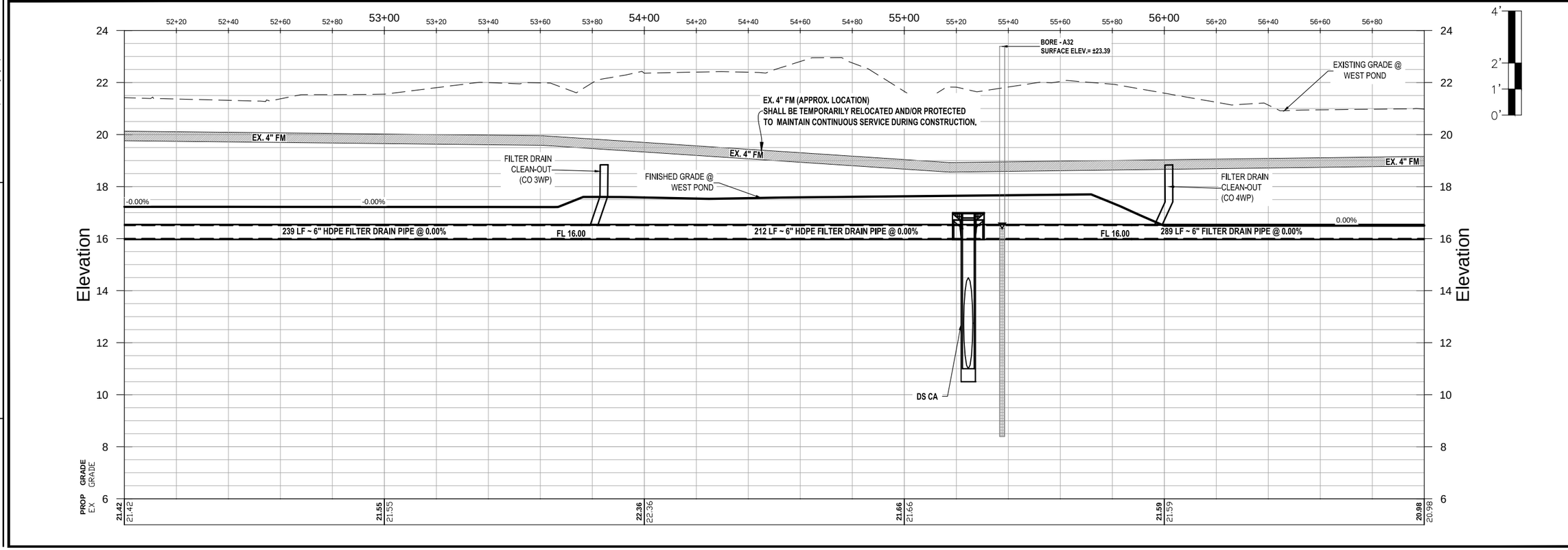




WEST POND (NORTH ST. ROW)
PLAN AND PROFILE SHEET
STA. 52+00.00 TO STA. 57+00.00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

REG. FLA. ENG. NO. 43970
DATE:
SIGNATURE:

DRAWN BY: GPH/TAH
DESIGNED BY: GPH
CHECKED BY: GPH
PROJECT MANAGER: CHRIS A. GERB
DATE: MAY 2023
FIELD BOOK / PAGES: TC30 / 1-35
PROJECT: 1857 SECT. 2
SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W

NUMBER	REVISIONS	DATE	APPROVED BY

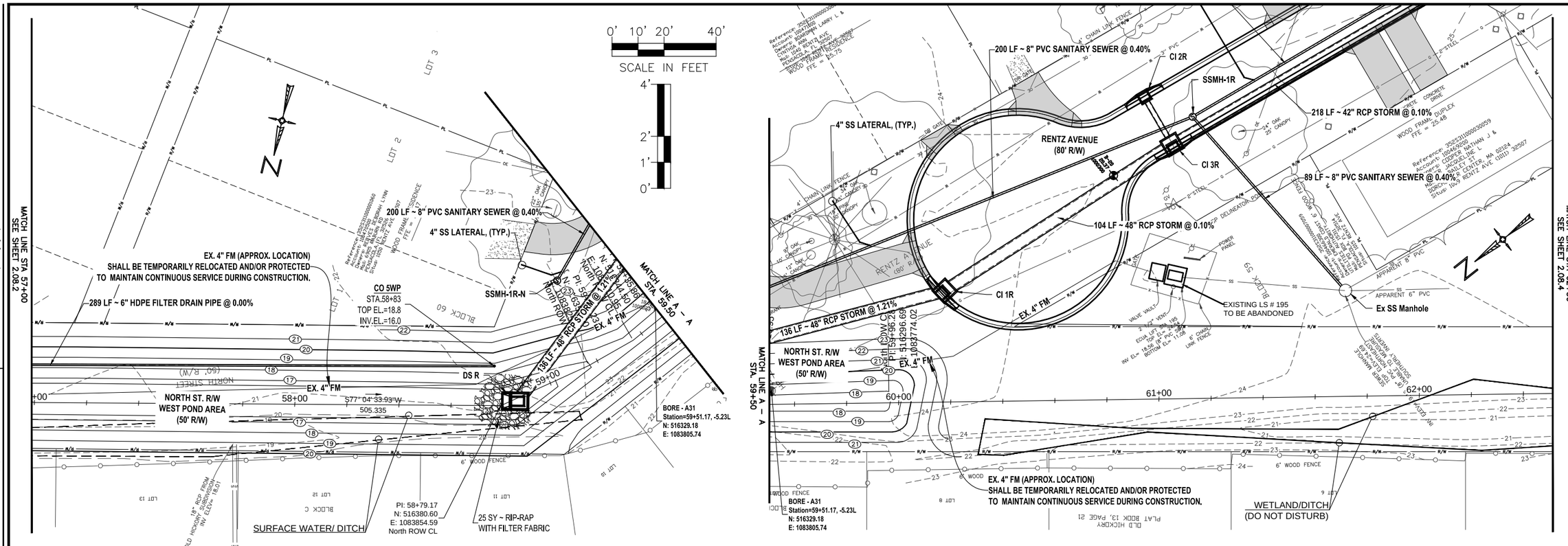
DRAWING NUMBER 2.08
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.08.2

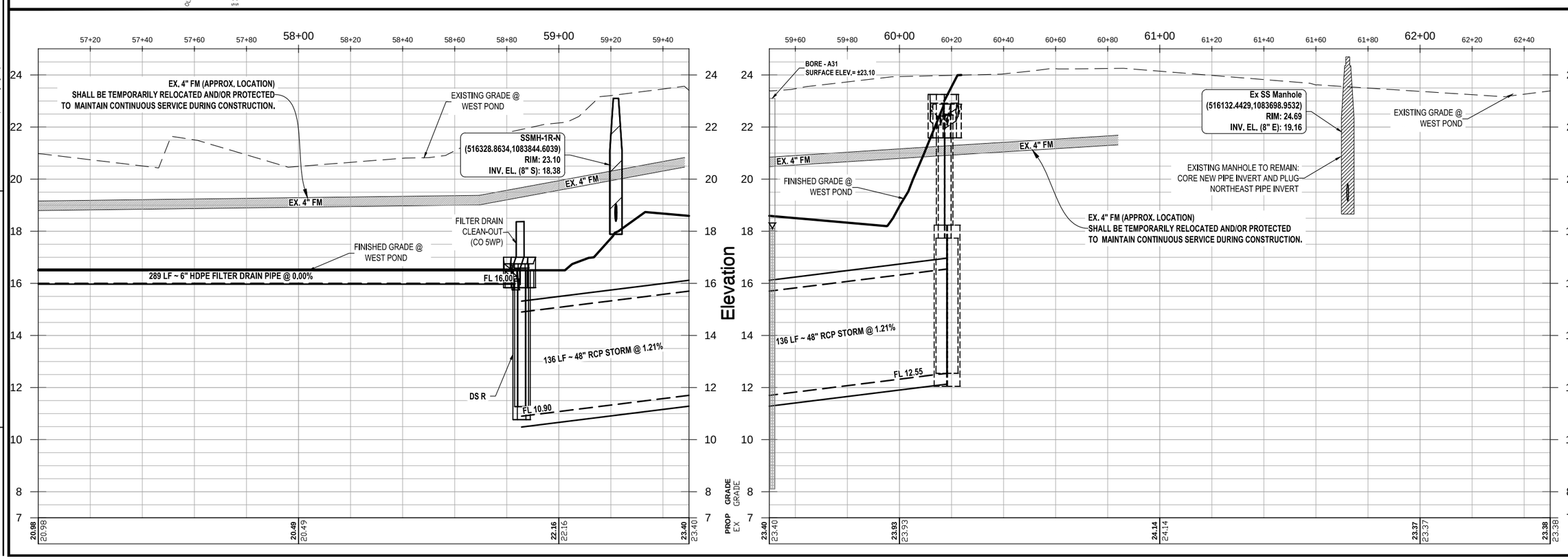
ORIGINATOR (RP)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (QR)	(Blue Highlighter)
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)
CHANGE INCORPORATION	(Yellow Highlighter)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.08 WestPond-North SUPP - PH II.dwg, May 25, 2023 - 10:49:50AM, gpotter

PHASE ____ REVIEW
SIGNATURE:

ORIGINATOR (RP)	DATE		
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)			





WEST POND (NORTH ST. ROW)
PLAN AND PROFILE SHEET
STA. 57+00.00 TO STA. 62+50.00

ESCAMBIA COUNTY · WORTH TO LIVE

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2022	CHECKED BY: GPH
FIELD BOOK/PAGES: TC20/1-35	PROJECT MANAGER: CHRIS A. CLERB
	DEPT PECT: 2
	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W
	REG. FLA. ENG. NO.: 43970
	DATE:
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 2.08
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.08.3

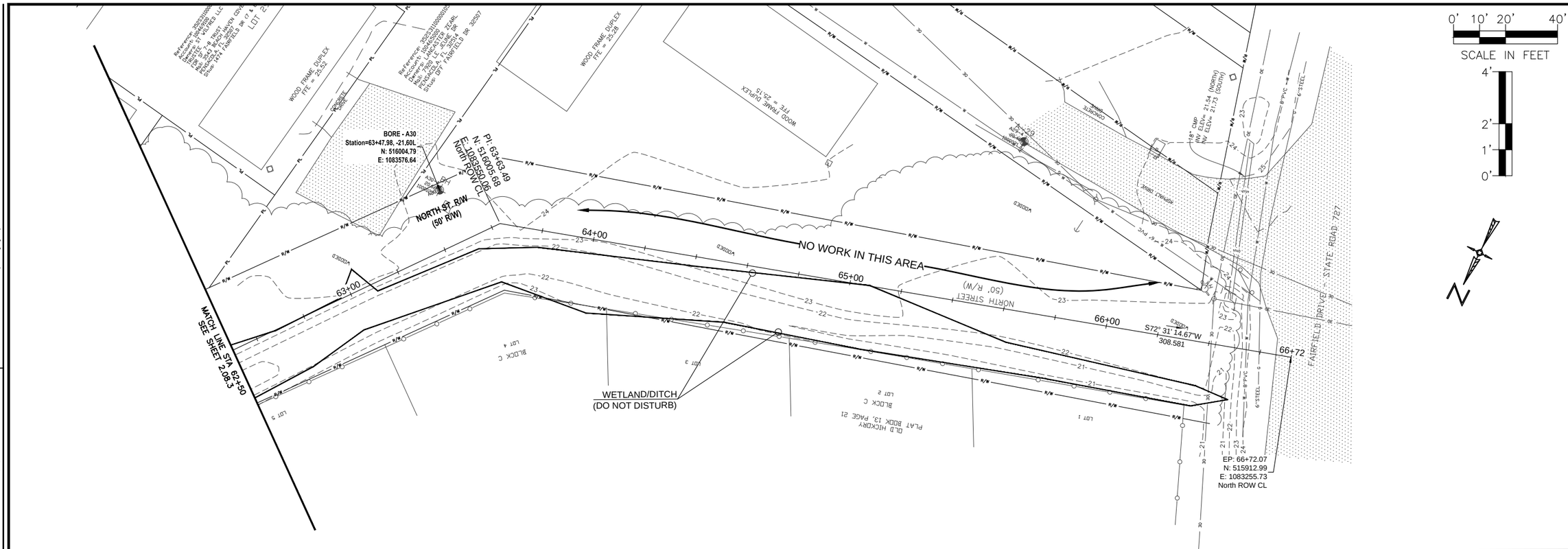
VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
REMARK INCORPORATION	(Blue Highlighter)	DATE
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

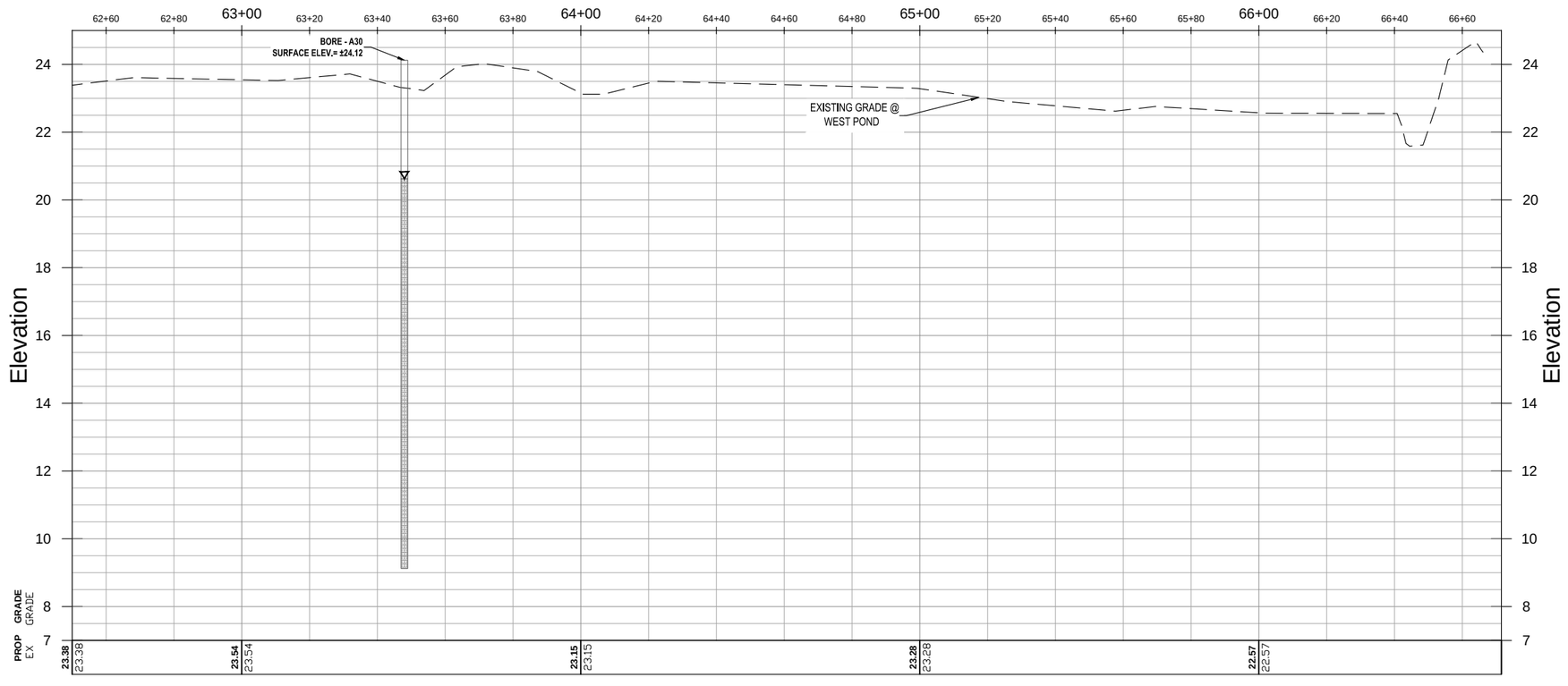
ORIGINATOR (RP)	Correct (Green Highlighter) Change (Red Pen)	DATE
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	
CHANGE INCORPORATION	(Yellow Highlighter)	

ORIGINATOR (RP)	DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	

PHASE ____ REVIEW
SIGNATURE:

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.08 WestPond-North SIPP – PH II.dwg, May 25, 2023 – 10:50:46AM, gpotter





WEST POND (NORTH ST. ROW)
PLAN AND PROFILE SHEET
STA. 62+50 TO STA. 66+72

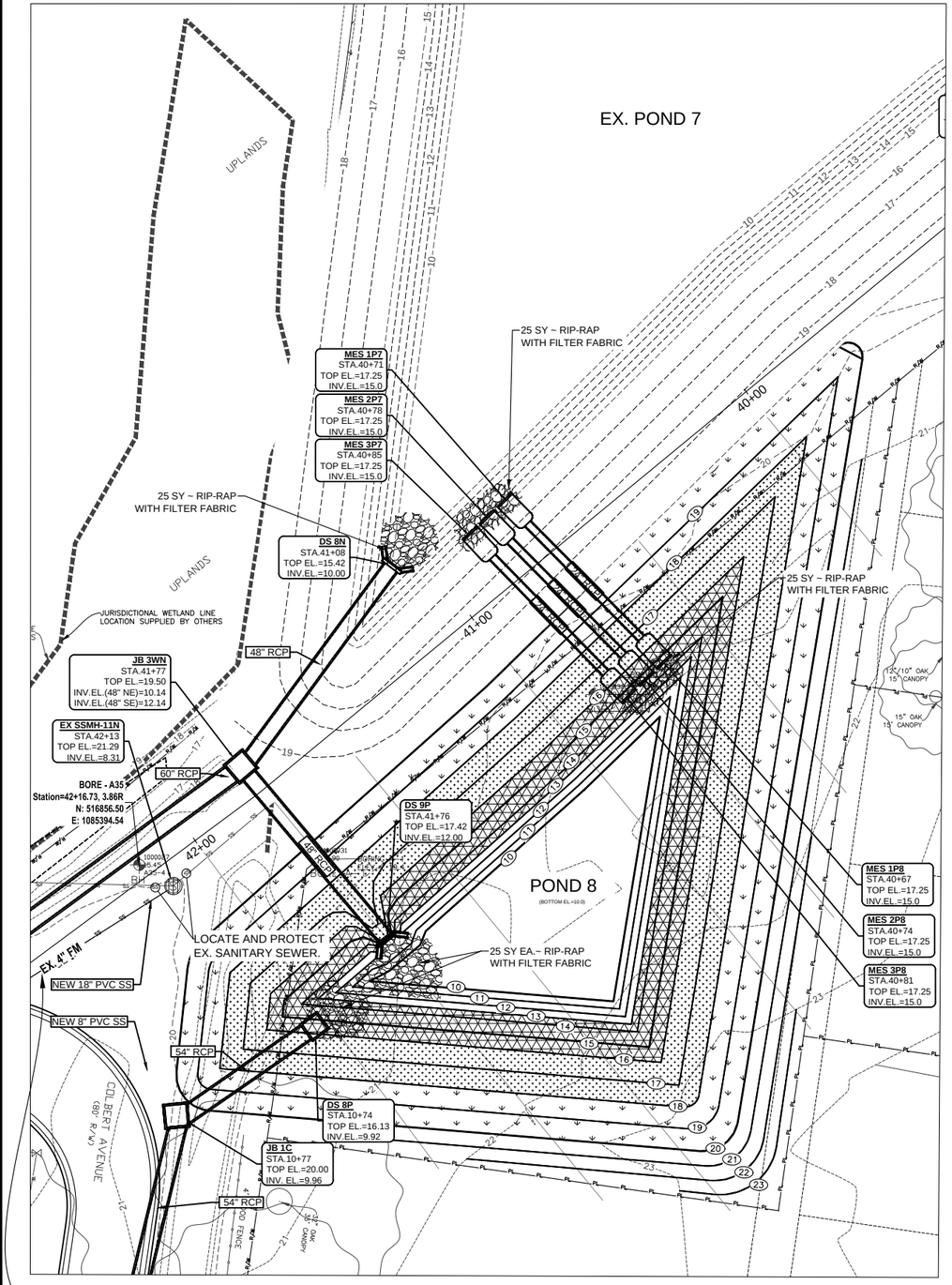
ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2022	CHECKED BY: GPH
FIELD BOOK / PAGES: TC20 / 1-35	PROJECT MANAGER: CHRIS A. CLERB
	DISTRICT: 2
	SECTION / TOWNSHIP / RANGE: 35 / 2-S / 31-W
	REG. FLA. ENG. NO.: 43970
	SIGNATURE:
	DATE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 2.08
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 2.08.4

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\2.08 WestPond-North SIPP - PH II.dwg, May 25, 2023 - 10:51:18AM, gpotter			
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)
			CHANGE INCORPORATION (Yellow HighLighter)
	VERIFICATION CHECKER (GR) (Blue Highlighter)	DATE	ORIGINATOR VERIFICATION Correct (Pink Highlighter)
	REMARK INCORPORATION (Blue Highlighter)	DATE	
	ORIGINATOR VERIFICATION	DATE	



EX. 4" FM (APPROX. LOCATION)
SHALL BE TEMPORARILY RELOCATED AND/OR PROTECTED TO MAINTAIN CONTINUOUS SERVICE DURING CONSTRUCTION.

20' 10' 0' 20' 40'
PLAN VIEW SCALE

N

PLANTING LEGEND

	ZONE 1 EL. 18' – 20'	(±7,616 SF)
	ZONE 2 EL. 16' – 18'	(±6,130 SF)
	ZONE 3 EL. 13' – 16'	(±3,931 SF)

PLANTING SPECIES:

ZONE 1: Spartina bakerii herbaceous (cord grass)
Eragrostis spectabilis (love grass)
Quercus phellos (willow oak)
Taxodium distichum (bald cypress)
Liquidambar styraciflua (sweet gum)
Acer rubrum (red maple)

ZONE 2: Canna flacida herbaceous (Golden canna)
Taxodium spp tree (Bald cypress)
Acer rubrum tree (Red maple)
Iris virginica (blue flag iris)
Nyssa sylvatica (Blackgum)
Cornus foemina P. Mill. (Swamp Dogwood)

ZONE 3: Pontedaria cordata herbaceous (Pickerel weed)
Sagittaria lancifolia herbaceous (Duck potato)
Nelumbo lutea floating leaf (American lotus)
Nuphar luteum floating leaf (Spatterdock)
Nymphacea mexicana floating leaf (Yellow water lily)

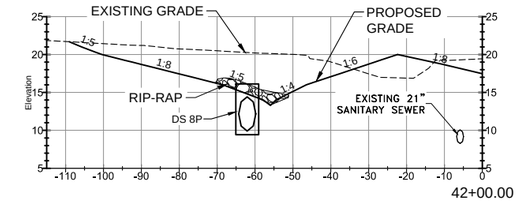
PLANT DENSITIES:

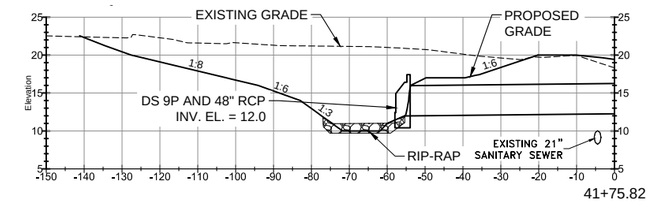
ZONE 1: (combination of grass and tree species; minimum of two (2) species required)
Trees shall be minimum 1 gallon and placed at 15' on centers.
Grasses shall be placed at 18" on centers.

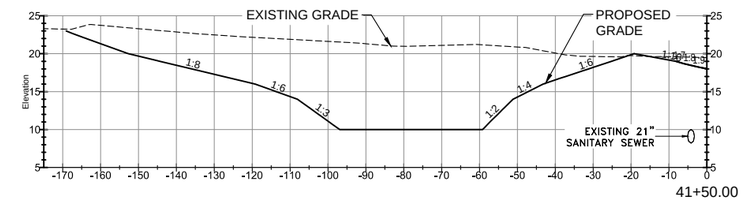
ZONE 2: (combination of grass and tree species; minimum of three (3) species required)
Trees shall be 1 gallon minimum and placed at 15' on centers.
The herbaceous non-tree plants shall be placed at 4' on centers.
Grasses shall be placed at 18" on centers.

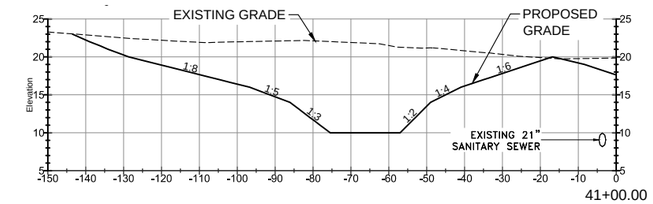
ZONE 3: (minimum of three (3) species required)
The aquatic plants are bare root and shall be placed at 3' on center.
The floating leaf plants are bare root and shall be placed within the water column at 10' on centers.

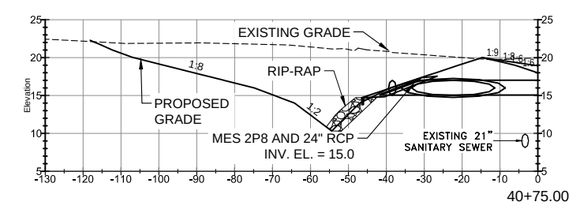
Note: No more than 50% of any one species per zone shall be planted. Contractor to provide details of plantings before commencing with this portion of the project.
Contractor shall monitor survival of plant species for two (2) years from substantial completion date. An 85% survival rate guarantee is required for all plant species; replanting shall be required if survival falls below the 85% level. Nuisance species (e.g. cattails) shall be removed during the 2 year establishment period.

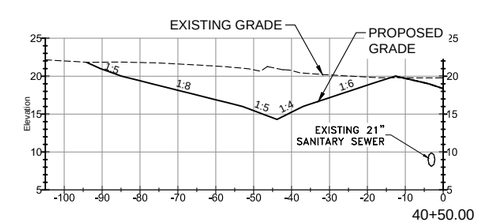


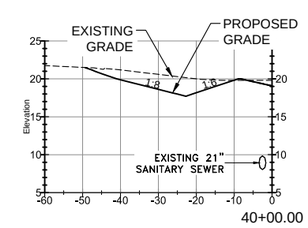


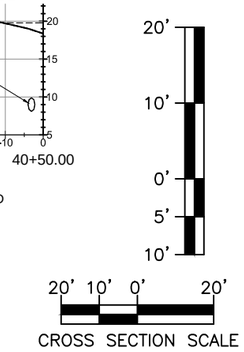












CROSS SECTION SCALE

STORM WATER PONDS
POND 8
PHASE II

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPHTAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. P.A. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CLERK	DISTRICT: 2	DATE:
FIELD BOOK/ PAGES: TC30 / 1-35		SECTION / TOWNSHIP / RANGE 35 / 2S / 31W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER ----
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 3.01.5

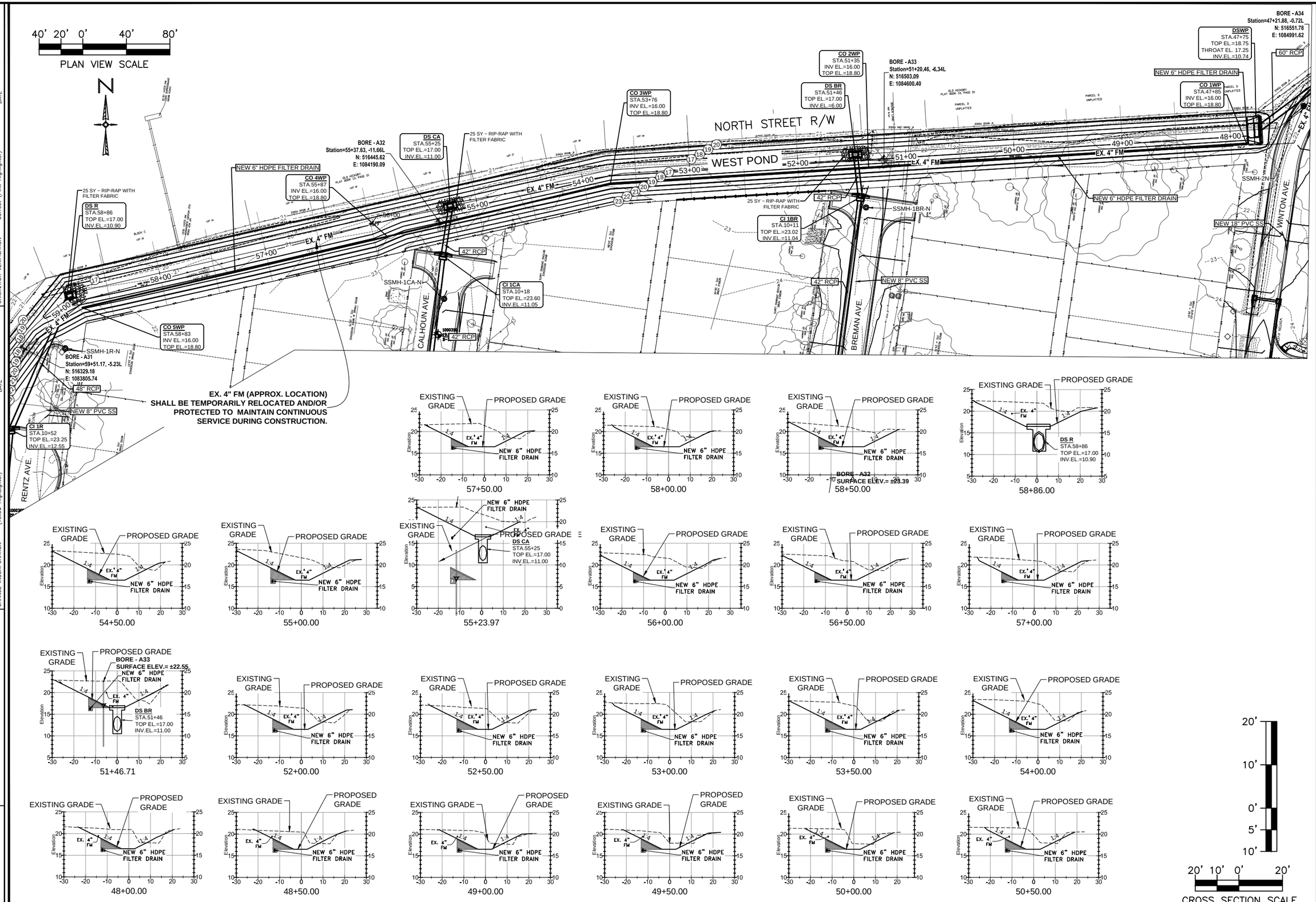
F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\3.01 Storm Water Ponds – PH II.dwg, May 25, 2023 – 10:53:59AM, gpotter

PHASE	REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)	REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE
			CHANGE INCORPORATION (Yellow HighLighter)			

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\3.01 Storm Water Ponds - PH II.dwg, May 25, 2023 - 10:56:35AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter) DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	REMARK INCORPORATION (Blue Highlighter) DATE
	CHANGE INCORPORATION (Yellow HighLighter)	DATE	ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE

ORIGINATOR (GR) Correct (Green Highlighter) (Red Pen X-Out to Disagree or Remark)



STORM WATER PONDS

WEST POND

PHASE II

ESCAMBIA COUNTY · FLORIDA

ENGINEERING DIVISION

ESCAMBIA COUNTY, FLORIDA

3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLEBO	DISTRICT: 2	DATE:
FIELD BOOK/PAGES: TC30/1-35		SECTION/TOWNSHIP/RANGE: 35 / 2S / 31W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	3.01
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	3.01.6

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\3.01 Storm Water Ponds - PH II.dwg, May 25, 2023 - 10:57:31AM, gpotter

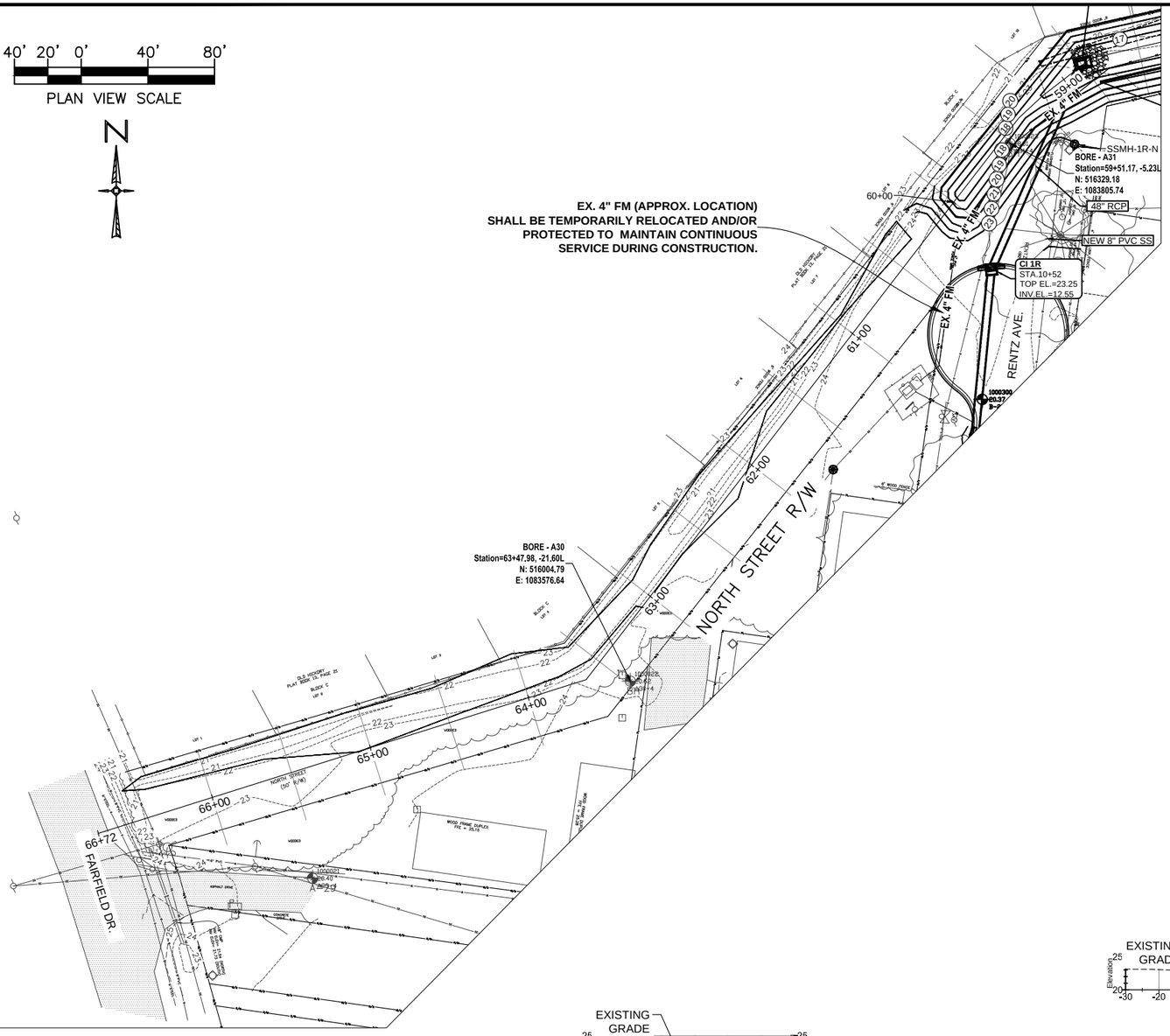
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

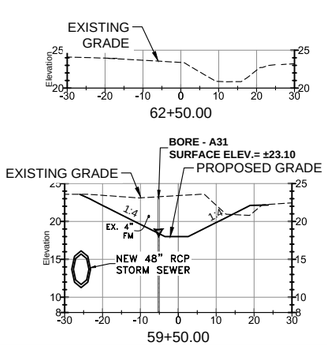
ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
CHANGE INCORPORATION	(Yellow HighLighter)		

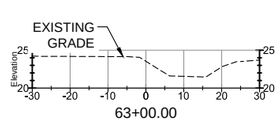
40' 20' 0' 40' 80'

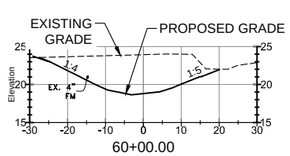
PLAN VIEW SCALE

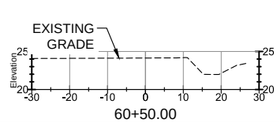
N

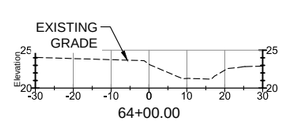


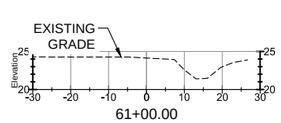


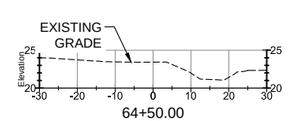


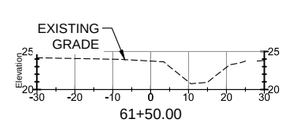


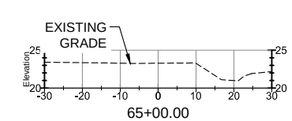


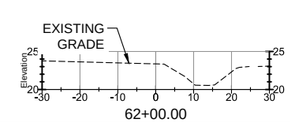


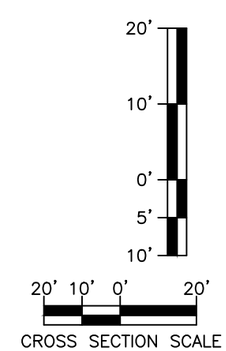












CROSS SECTION SCALE

STORM WATER PONDS

WEST POND

PHASE II

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CAPITAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2, 2	DATE:
FIELD BOOK/ PAGES: TC30/ 1-35	SECTION/ TOWNSHIP/ RANGE: 35 / 2S / 31W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	3.01
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	3.01.7

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\3.01.8 Pond 6 STU – PH II.dwg, May 25, 2023 – 10:59:25AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE
	CHANGE INCORPORATION	(Yellow HighLighter)			

20' 10' 0' 20' 40'

PLAN VIEW SCALE

N

NEW CONCRETE OVERFLOW STRUCTURE
SEE DETAIL SHEET 8.01.6

ALL AREAS DISTURBED FOR WEIR CONSTRUCTION SHALL BE BAHIA SODDED AND RETURNED TO EXISTING CONDITIONS OR BETTER (TYP.)

POND 7
(CONSTRUCTED IN PHASE I)

UPLANDS

EX. ME 5N
N:517146.640
E:1085772.876
TOP EL.=15.79
INV.EL.= 13.00

EX SSMH-9N
N:517051.076
E:1085806.876
TOP EL.=22.69
INV.EL.=7.74

EX SSMH-10N
N:517056.821
E:1085648.953
TOP EL.=20.53
INV.EL.=7.80

MES 1P7
N: 516954.305
E: 1085502.113
TOP EL.=17.25
INV. EL. (24" RCP, SE) 15.00

MES 2P7
N: 516949.501
E: 1085497.121
TOP EL.=17.25
INV. EL. (24" RCP, SE) 15.00

MES 3P7
N: 516944.873
E: 1085492.255
TOP EL.=17.25
INV. EL. (24" RCP, SE) 15.00

25 SY ~ RIP-RAP
WITH FILTER FABRIC

DS 8N
N: 516940.882
E: 1085465.851
TOP EL.=15.42
INV. EL. (48" RCP, SW) 10.00

69 LF ~ 48" RCP @ 0.20%

JURISDICTIONAL WETLAND LINE
LOCATION SUPPLIED BY OTHERS

JB 3WN
N: 516884.192
E: 1085423.147
TOP EL.=19.50
INV. EL. (48" RCP, SE) 12.14
INV. EL. (60" RCP, SW) 10.24
INV. EL. (48" RCP, NE) 10.14

50 LF ~ 24" RCP @ 0.00%

50 LF ~ 24" RCP @ 0.00%

50 LF ~ 24" RCP @ 0.00%

MES 3P8
N: 516908.748
E: 1085527.491
TOP EL.=17.25
INV. EL. (24" RCP, NW) 15.00

MES 1P8
N: 516918.504
E: 1085537.546
TOP EL.=17.25
INV. EL. (24" RCP, NW) 15.00

25 SY ~ RIP-RAP
WITH FILTER FABRIC

MES 2P8
N: 516913.718
E: 1085532.542
TOP EL.=17.25
INV. EL. (24" RCP, NW) 15.00

187 LF ~ 60" RCP @ 0.05%

BORE - A35
Station=42+16.73, 3.86R
N: 516856.50
E: 1085394.54

EX. 21" PVC SS

S60° 30' 54.30"W
65.935

POND 8

DECATUR AVENUE
(60' R/W)

MOBILE HOME
FF. = 27.60

BORING B1
ELEV.= 21.0

BORING P2
ELEV.= 21.3

37+00 38+00 39+00 40+00 41+00 42+00

STORM WATER PONDS

POND 7 - NEW OVERFLOW WEIR

PHASE II

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CJPITTAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970	DATE:
DATE: MAY 2, 2023	PROJECT MANAGER: CHRIS A. COLBB	DISTRICT: 2	SIGNATURE:	
FIELD BOOK PAGES: TC30 / 1-35	SECTION TOWNSHIP RANGE: 35 2S / 31W			

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 3.01

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 3.01.8

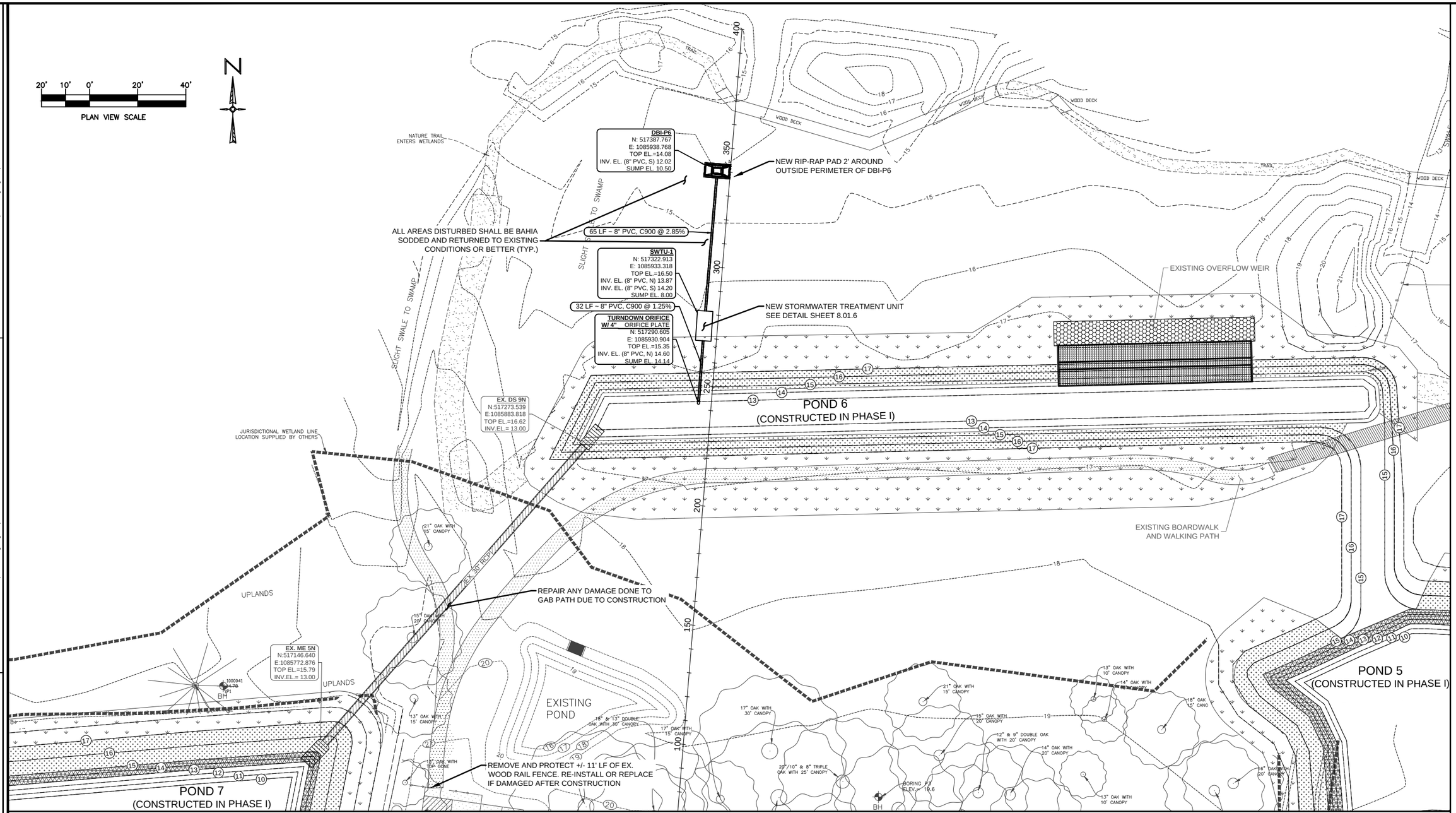
F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\3.01.8 Pond 6 STU – PH II.dwg, May 25, 2023 – 11:00:15AM, gpotter

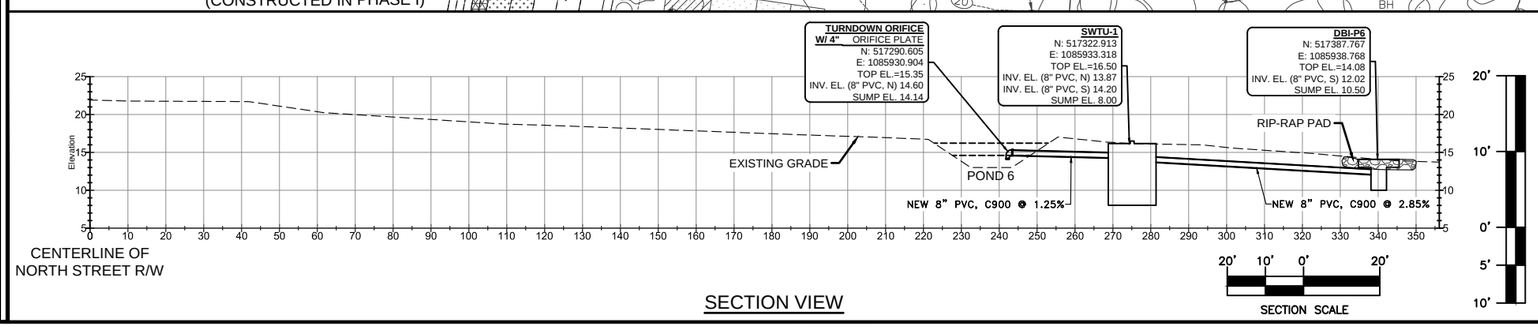
PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (QR)	(Blue Highlighter) DATE
		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter) DATE
SIGNATURE:				CHANGE INCORPORATION	(Yellow HighLighter)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter) DATE

20' 10' 0' 20' 40'

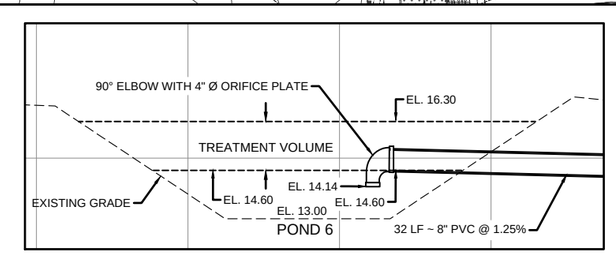
PLAN VIEW SCALE

N





SECTION VIEW



POND 6 SECTION DETAIL

N.T.S.

STORM WATER PONDS

POND 6 - NEW SW TREATMENT UNIT

PHASE II

ESCAMBIA COUNTY • WORK TOGETHER

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CPHTAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2, 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
FIELD BOOK/PAGES: TC30/1-35		SECTION/TOWNSHIP/RANGE: 35 / 2S / 31W	DATE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER ----

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 3.01.9

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\3.02 Drainage Structures - PH II.dwg, Jul 31, 2023 - 12:37:11PM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE	
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE	
SIGNATURE:			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE	
	CHECKER (RP)	Correct (Green Highlighter) Change (Red Pen)			
	CHANGE INCORPORATION	(Red Pen X-Out to Delegrree or Remark) (Yellow Highlighter)			

Colbert Proposed Storm		
Structure Name	DESCRIPTION	Structure Details
CI 1C Sta 11+19.82, 10.00 ' L N: 516735.025 E: 1085393.668	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 21.62 INV EL (18" Round Concrete Pipe, W) = 16.35 INV EL (54" Concrete Pipe, S) = 10.21 INV EL (54" Concrete Pipe, N) = 10.11
CI 2C Sta 11+19.82, 11.25 ' R N: 516738.065 E: 1085372.637	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 21.55 INV EL (18" Round Concrete Pipe, E) = 16.50
CI 3C Sta 14+07.78, 10.00 ' L N: 516450.028 E: 1085352.471	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.02 INV EL (18" Round Concrete Pipe, W) = 18.85 INV EL (54" Concrete Pipe, S) = 10.60 INV EL (54" Concrete Pipe, N) = 10.50
CI 4C Sta 14+07.78, 11.25 ' R N: 516453.068 E: 1085331.439	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 23.95 INV EL (18" Round Concrete Pipe, E) = 19.00
CI 5C Sta 16+47.06, 10.00 ' L N: 516213.209 E: 1085318.237	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.19 INV EL (18" Round Concrete Pipe, W) = 19.60 INV EL (54" Concrete Pipe, S) = 10.94 INV EL (54" Concrete Pipe, N) = 10.84
CI 6C Sta 16+47.06, 11.25 ' R N: 516216.249 E: 1085297.206	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.12 INV EL (18" Round Concrete Pipe, E) = 19.75
CI 7C Sta 20+36.23, 10.00 ' L N: 515828.043 E: 1085262.559	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.02 INV EL (18" Round Concrete Pipe, W) = 19.35 INV EL (54" Concrete Pipe, S) = 11.43 INV EL (54" Concrete Pipe, N) = 11.33
CI 8C Sta 20+36.23, 11.25 ' R N: 515831.084 E: 1085241.528	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.95 INV EL (18" Round Concrete Pipe, E) = 19.50
CI 9C Sta 22+17.50, 10.00 ' L N: 515648.636 E: 1085236.626	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.48 INV EL (18" Round Concrete Pipe, W) = 18.75 INV EL (54" Concrete Pipe, S) = 11.71 INV EL (54" Concrete Pipe, N) = 11.61
CI 10C Sta 22+17.50, 11.25 ' R N: 515651.676 E: 1085215.594	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.41 INV EL (18" Round Concrete Pipe, E) = 18.90
CI 11C Sta 23+01.83, 10.00 ' L N: 515565.171 E: 1085224.560	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.51 INV EL (18" Round Concrete Pipe, W) = 18.95 INV EL (54" Concrete Pipe, S) = 11.89 INV EL (54" Concrete Pipe, N) = 11.79
CI 12C Sta 23+01.83, 11.25 ' R N: 515568.211 E: 1085203.528	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.44 INV EL (18" Round Concrete Pipe, E) = 19.10
CI 13C Sta 26+33.83, 10.00 ' L N: 515236.584 E: 1085177.061	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.69 INV EL (18" Round Concrete Pipe, W) = 18.96 INV EL (54" Concrete Pipe, S) = 12.32 INV EL (54" Concrete Pipe, N) = 12.22
CI 14C Sta 26+33.83, 11.25 ' R N: 515239.624 E: 1085156.029	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.62 INV EL (18" Round Concrete Pipe, E) = 19.10
CI 15C Sta 28+79.90, 11.25 ' L N: 514992.871 E: 1085143.094	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.62 INV EL (18" Round Concrete Pipe, W) = 16.05 INV EL (54" Concrete Pipe, S) = 12.67 INV EL (54" Concrete Pipe, N) = 12.56
CI 16C Sta 28+79.90, 11.25 ' R N: 514996.090 E: 1085120.825	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.62 INV EL (18" Round Concrete Pipe, E) = 16.20
CI 17C Sta 29+67.93, 11.25 ' L N: 514905.742 E: 1085130.500	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.59 INV EL (18" Round Concrete Pipe, W) = 16.76 INV EL (30" Round Concrete Pipe, S) = 15.96 INV EL (30" Concrete Pipe, N) = 15.85
CI 18C Sta 29+67.93, 11.25 ' R N: 514908.961 E: 1085108.230	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.59 INV EL (18" Round Concrete Pipe, E) = 16.90
CI 19C Sta 31+40.56, 11.25 ' L N: 514734.889 E: 1085105.801	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.29 INV EL (18" Round Concrete Pipe, W) = 17.09 INV EL (30" Round Concrete Pipe, S) = 16.43 INV EL (30" Round Concrete Pipe, N) = 16.33

Colbert Proposed Storm		
Structure Name	DESCRIPTION	Structure Details
CI 20C Sta 31+40.56, 11.25 ' R N: 514738.108 E: 1085083.532	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.29 INV EL (18" Round Concrete Pipe, E) = 17.25
CI 21C Sta 35+39.19, 11.25 ' L N: 514340.366 E: 1085048.771	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.23 INV EL (18" Round Concrete Pipe, W) = 18.75 INV EL (24" Round Concrete Pipe, S) = 17.77 INV EL (30" Round Concrete Pipe, N) = 17.30
CI 22C Sta 35+39.19, 11.25 ' R N: 514343.585 E: 1085026.502	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.24 INV EL (18" Round Concrete Pipe, E) = 18.90
CI 23C Sta 36+24.28, 11.24 ' L N: 514256.146 E: 1085036.587	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.21 INV EL (18" Round Concrete Pipe, W) = 18.30 INV EL (18" Round Concrete Pipe, S) = 18.25 INV EL (24" Round Concrete Pipe, N) = 18.00
CI 24C Sta 36+24.28, 11.25 ' R N: 514259.364 E: 1085014.327	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.21 INV EL (18" Round Concrete Pipe, E) = 18.45
CI 25C Sta 38+54.24, 11.25 ' L N: 514028.549 E: 1085003.696	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.94 INV EL (18" Round Concrete Pipe, W) = 19.84 INV EL (18" Round Concrete Pipe, N) = 19.07
CI 26C Sta 38+54.24, 11.25 ' R N: 514031.768 E: 1084981.427	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.94 INV EL (18" Round Concrete Pipe, E) = 20.00
JB 1C Sta 10+77.34, 21.67 ' L N: 516785.960 E: 1085404.971	Index No. 200 - Precast 72 in. x 72 in. Type J Junction Box	TOP EL = 20.00 INV EL (54" Concrete Pipe, S) = 10.06 INV EL (54" Concrete Pipe, NE) = 9.96
SWMH-E1 Sta 29+18.05, 11.69 ' L N: 514955.053 E: 1085138.069	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), Rectangular Bottom)	TOP EL = 24.74 INV EL (48" Concrete Pipe, W) = 13.04 INV EL (30" Concrete Pipe, S) = 15.74 INV EL (54" Concrete Pipe, N) = 12.70

Colbert Proposed Storm			
Pipe Name	Size	Length	Slope
1-2C	18"	21.29	0.70%
1-3C	54"	287.96	0.10%
1C JB 1C	54"	47.96	0.10%
3-4C	18"	21.21	0.70%
3-5C	54"	239.28	0.10%
5-6C	18"	21.25	0.70%
5-7C	54"	389.17	0.10%
7-8C	18"	20.87	0.70%
7-9C	54"	181.27	0.10%
9-10C	18"	21.36	0.70%
9-11C	54"	82.04	0.10%
11-12C	18"	20.72	0.70%
11-13C	54"	332.00	0.10%
13-14C	18"	20.30	0.70%

Colbert Proposed Storm			
Pipe Name	Size	Length	Slope
13-15C	54"	244.37	0.10%
15-16C	18"	21.29	0.70%
15-17C	30"	47.72	0.22%
17-18C	18"	20.29	0.70%
17-19C	30"	169.16	0.22%
19-20C	18"	22.28	0.70%
19-21C	30"	395.11	0.22%
21-22C	18"	21.23	0.70%
21-23C	24"	81.60	0.28%
23-24C	18"	21.23	0.70%
23-25C	18"	228.21	0.36%
25-26C	18"	22.58	0.70%
E1-15C	54"	39.84	0.10%
JB 1C DS 8P	54"	45.33	0.10%

Winton and Colbert Proposed Storm		
Structure Name	DESCRIPTION	Structure Details
CI 1WI Sta 12+11.42, 11.24 ' L N: 516372.097 E: 1084964.615	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 23.08 INV EL (18" Round Concrete Pipe, W) = 18.64 INV EL (18" Concrete Pipe, S) = 18.54
CI 2WI Sta 12+11.45, 11.25 ' R N: 516375.270 E: 1084942.353	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 23.08 INV EL (18" Round Concrete Pipe, E) = 18.72
CI 3WI Sta 13+58.24, 11.28 ' L N: 516226.760 E: 1084943.771	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.10 INV EL (18" Round Concrete Pipe, W) = 18.74 INV EL (18" Concrete Pipe, N) = 18.01 INV EL (24" Concrete Pipe, S) = 17.68
CI 4WI Sta 13+58.25, 11.25 ' R N: 516229.956 E: 1084921.474	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.10 INV EL (18" Round Concrete Pipe, E) = 18.90
CI 5WI Sta 15+99.19, 11.25 ' L N: 515988.263 E: 1084909.477	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.05 INV EL (24" Concrete Pipe, N) = 17.01 INV EL (18" Round Concrete Pipe, W) = 18.70 INV EL (30" Concrete Pipe, S) = 16.76
CI 6WI Sta 15+99.21, 11.25 ' R N: 515991.443 E: 1084887.203	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.05 INV EL (18" Round Concrete Pipe, E) = 18.85
CI 7WI Sta 18+90.22, 11.23 ' L N: 515700.204 E: 1084868.063	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.54 INV EL (18" Round Concrete Pipe, W) = 18.80 INV EL (30" Concrete Pipe, N) = 16.12 INV EL (30" Concrete Pipe, S) = 16.02 4
CI 8WI Sta 18+90.25, 11.29 ' R N: 515703.373 E: 1084845.769	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.54 INV EL (18" Round Concrete Pipe, E) = 18.96
CI 9WI Sta 19+74.85, 11.25 ' L N: 515616.429 E: 1084856.049	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.33 INV EL (18" Round Concrete Pipe, W) = 18.46 INV EL (30" Concrete Pipe, N) = 15.83 INV EL (30" Concrete Pipe, S) = 15.73 2
CI 10WI Sta 19+74.85, 11.25 ' R N: 515619.629 E: 1084833.778	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.33 INV EL (18" Round Concrete Pipe, E) = 18.60
CI 11WI Sta 23+12.63, 11.26 ' L N: 515282.083 E: 1084808.008	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.39 INV EL (18" Round Concrete Pipe, W) = 18.69 INV EL (30" Concrete Pipe, N) = 15.00 INV EL (36" Concrete Pipe, S) = 14.75
CI 12WI Sta 23+12.63, 11.24 ' R N: 515285.284 E: 1084785.737	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.39 INV EL (18" Round Concrete Pipe, E) = 18.85
CI 13WI Sta 25+51.27, 11.26 ' L N: 515045.869 E: 1084774.067	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.72 INV EL (18" Round Concrete Pipe, W) = 19.34 INV EL (36" Concrete Pipe, N) = 14.40 INV EL (36" Concrete Pipe, S) = 14.30
CI 14WI Sta 25+51.27, 11.24 ' R N: 515049.069 E: 1084751.796	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.72 INV EL (18" Round Concrete Pipe, E) = 19.50
CI 15WI Sta 26+39.29, 11.26 ' L N: 514958.737 E: 1084761.545	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.68 INV EL (36" Concrete Pipe, S) = 16.41 INV EL (18" Round Concrete Pipe, W) = 19.95 INV EL (36" Concrete Pipe, N) = 16.32
CI 16WI Sta 26+39.29, 11.24 ' R N: 514961.939 E: 1084739.276	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.68 INV EL (18" Round Concrete Pipe, E) = 20.10
CI 17WI Sta 29+11.64, 11.26 ' L N: 514689.161 E: 1084722.813	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.50 INV EL (30" Concrete Pipe, S) = 17.07 INV EL (18" Round Concrete Pipe, W) = 20.80 INV EL (36" Concrete Pipe, N) = 16.82
CI 18WI Sta 29+11.64, 11.24 ' R N: 514692.361 E: 1084700.542	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.08 INV EL (18" Round Concrete Pipe, E) = 20.95
CI 19WI Sta 32+10.75, 10.01 ' L N: 514393.273 E: 1084679.035	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.10 INV EL (24" Round Concrete Pipe, S) = 17.96 INV EL (18" Round Concrete Pipe, W) = 18.50 INV EL (30" Concrete Pipe, N) = 17.72

Winton and Colbert Proposed Storm		
Structure Name	DESCRIPTION	Structure Details
CI 20WI Sta 32+10.75, 11.24 ' R N: 514396.295 E: 1084658.001	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.10 INV EL (18" Round Concrete Pipe, E) = 18.65
CI 21WI Sta 32+95.67, 11.27 ' L N: 514309.031 E: 1084668.204	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.95 INV EL (24" Concrete Pipe, S) = 18.30 INV EL (18" Concrete Pipe, W) = 18.35 INV EL (24" Round Concrete Pipe, N) = 18.20
CI 22WI Sta 32+95.58, 11.24 ' R N: 514312.319 E: 1084645.935	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.95 INV EL (18" Concrete Pipe, E) = 18.51
CI 23WI Sta 35+74.48, 11.25 ' L N: 514033.056 E: 1084628.525	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.97 INV EL (18" Round Concrete Pipe, S) = 19.17 INV EL (18" Round Concrete Pipe, W) = 19.95 INV EL (24" Concrete Pipe, N) = 19.07
CI 24WI Sta 35+74.48, 11.24 ' R N: 514036.254 E: 1084606.268	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.97 INV EL (18" Round Concrete Pipe, E) = 20.10
CI 25WI Sta 37+27.73, 11.26 ' L N: 513881.370 E: 1084606.744	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.27 INV EL (18" Concrete Pipe, W) = 19.82 INV EL (18" Round Concrete Pipe, N) = 19.72
CI 26WI Sta 37+27.73, 11.24 ' R N: 513884.571 E: 1084584.473	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.28 INV EL (18" Concrete Pipe, E) = 19.90
SWMH-E2 Sta ???, ??? ' ??? N: 515008.602 E: 1084768.896	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), Rectangular Bottom)	TOP EL = 24.41 INV EL (36" Concrete Pipe, S) = 16.24 INV EL (36" Concrete Pipe, N) = 14.24 INV EL (48" Concrete Pipe, E) = 13.60

Winton Proposed Storm			
Pipe Name	Size	Length	Slope
1-2WI	18	22.49	0.70%
19-20WI	18	21.25	0.70%
1-3WI	18	146.82	0.36%
3-4WI	18	22.52	0.70%
3-5WI	24	240.95	0.28%
5-6WI	18	20.94	0.36%
5-7WI	30	289.40	0.22%
7-8WI	18	22.52	0.70%
9-10WI	18	20.54	0.70%
9-11WI	30	334.28	0.22%
11-12WI	18	22.28	0.70%
11-13WI	36	234.75	0.15%

Winton Proposed Storm			
Pipe Name	Size	Length	Slope
13-14WI	18	22.75	0.70%
13-15WI	36	48.73	0.15%
15-16WI	18	21.71	0.70%
15-17WI	36	268.68	0.15%
17-18WI	18	21.25	0.70%
17-19WI	30	297.48	0.22%
19-21WI	24	84.94	0.28%
21-22WI	18	22.51	0.70%
21-23WI	24	276.98	0.28%
23-24WI	18	21.37	0.70%
23-25WI	18	151.68	0.36%
25-26WI	18	22.75	0.70%
E2-E1	48"	373.04	0.15%

Gulf Beach Highway Proposed Storm		
MES GB1 REPLACE MES N: 513683.91 E: 1084623.78	Index no. 272 - Cross Drain MES with 1:4 Slope - Double Elliptical 14"x23" Conc. Pipe	MATCH LOCATION AND INVERTS OF EXISTING
MES GB2 REPLACE MES N: 513683.91 E: 1084623.78	Index no. 272 - Cross Drain MES with 1:4 Slope - Double Elliptical 14"x23" Conc. Pipe	MATCH LOCATION AND INVERTS OF EXISTING

Gulf Beach Highway Proposed Storm			
Pipe Name	Size	Length	Slope
MES GB1 - GB2	14"x23"	44.00	MATCH EX.
MES GB2 - GB1	14"x23"	44.00	MATCH EX.

DRAINAGE STRUCTURES
PHASE II
COLBERT AVENUE AND WINTON AVENUE

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: UPHTAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: JUNE 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
FIELD BOOK/PAGES: TC30 / 1-35		SECTION/TOWNSHIP/RANGE: 35 / 2S / 31W	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	
2	CORRECTED INVERT ELEVATION	7/24/2023	
4	CORRECTED INVERT ELEVATION	7/31/2023	

DRAWING NUMBER 3.02

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 3.02.6

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\3.02 Drainage Structures - PH II.dwg, May 25, 2023 - 11:00:48AM, gpotter

PHASE ____ REVIEW

SIGNATURE:

ORIGINATOR (RP) DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP) DATE
VERIFICATION, CHECKER (QR) (Blue Highlighter) DATE
REMARK INCORPORATION (Blue Highlighter) DATE
ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE

ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)
CHECKER (RP) (Red Pen X-Out to Disagree or Remark)
CHANGE INCORPORATION (Yellow HighLighter)

Bremen Avenue Proposed Storm		
Structure Name	DESCRIPTION	Structure Details
CI 1BR Sta 10+11.13, 12.60 ' R N: 516468.231 E: 1084578.650	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 23.02 INV EL (42" Round Concrete Pipe, S) = 13.21 INV EL (42" Round Concrete Pipe, N) = 11.04
CI 2BR Sta 11+88.71, 11.25 ' L N: 516289.061 E: 1084576.935	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 22.97 INV EL (18" Round Concrete Pipe, W) = 18.65
CI 3BR Sta 11+88.71, 10.00 ' R N: 516292.091 E: 1084555.902	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 23.04 INV EL (18" Round Concrete Pipe, E) = 18.50 INV EL (42" Round Concrete Pipe, S) = 13.49 INV EL (42" Round Concrete Pipe, N) = 13.39
CI 4BR Sta 14+03.12, 11.25 ' L N: 516076.839 E: 1084546.358	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 23.61 INV EL (18" Round Concrete Pipe, W) = 18.80
CI 5BR Sta 14+03.12, 10.00 ' R N: 516079.869 E: 1084525.326	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 23.63 INV EL (42" Round Concrete Pipe, S) = 13.80 INV EL (18" Round Concrete Pipe, E) = 18.65 INV EL (42" Round Concrete Pipe, N) = 13.70
CI 6BR Sta 16+89.93, 11.25 ' L N: 515792.963 E: 1084505.458	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 23.33 INV EL (18" Round Concrete Pipe, W) = 18.50
CI 7BR Sta 16+89.93, 10.00 ' R N: 515795.994 E: 1084484.426	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 23.40 INV EL (18" Round Concrete Pipe, E) = 18.35 INV EL (36" Round Concrete Pipe, S) = 14.42 INV EL (42" Round Concrete Pipe, N) = 14.09
CI 8BR Sta 18+73.00, 11.25 ' L N: 515611.768 E: 1084479.352	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 23.87 INV EL (18" Round Concrete Pipe, W) = 19.10
CI 9BR Sta 18+73.00, 10.00 ' R N: 515614.798 E: 1084458.320	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 23.94 INV EL (18" Round Concrete Pipe, E) = 18.95 INV EL (36" Round Concrete Pipe, S) = 14.79 INV EL (36" Round Concrete Pipe, N) = 14.70
CI 10BR Sta 22+39.93, 11.25 ' L N: 515248.589 E: 1084427.027	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 23.67 INV EL (18" Round Concrete Pipe, W) = 18.90
CI 11BR Sta 22+39.93, 10.00 ' R N: 515251.619 E: 1084405.994	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 23.73 INV EL (18" Round Concrete Pipe, E) = 18.75 INV EL (36" Round Concrete Pipe, S) = 15.44 INV EL (36" Round Concrete Pipe, N) = 15.34
CI 12BR Sta 23+88.09, 11.25 ' L N: 515101.943 E: 1084405.898	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 23.22 INV EL (18" Round Concrete Pipe, W) = 18.40
CI 13BR Sta 23+88.09, 10.00 ' R N: 515104.973 E: 1084384.865	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 23.29 INV EL (18" Round Concrete Pipe, E) = 18.25 INV EL (36" Round Concrete Pipe, S) = 15.77 INV EL (36" Round Concrete Pipe, N) = 15.67
CI 14BR Sta 24+79.11, 11.25 ' L N: 515011.847 E: 1084392.918	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 23.25 INV EL (18" Round Concrete Pipe, W) = 18.40
CI 15BR Sta 24+79.11, 10.42 ' R N: 515014.937 E: 1084371.467	Index No. 215 - Curb Inlet Type 10 with Rectangular Bottom	TOP EL = 23.30 INV EL (18" Round Concrete Pipe, E) = 18.26 INV EL (36" Round Concrete Pipe, S) = 16.01 INV EL (36" Round Concrete Pipe, N) = 15.90
CI 16BR Sta 27+56.13, 11.25 ' L N: 514737.660 E: 1084353.413	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.53 INV EL (18" Round Concrete Pipe, W) = 19.75
CI 17BR Sta 27+56.13, 10.00 ' R N: 514740.690 E: 1084332.381	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.60 INV EL (18" Round Concrete Pipe, E) = 19.60 INV EL (36" Round Concrete Pipe, S) = 16.52 INV EL (36" Round Concrete Pipe, N) = 16.42
CI 18BR Sta 30+49.39, 11.25 ' L N: 514447.400 E: 1084311.594	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.45 INV EL (18" Round Concrete Pipe, W) = 19.65
CI 19BR Sta 30+49.39, 10.00 ' R N: 514450.430 E: 1084290.561	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.52 INV EL (18" Round Concrete Pipe, E) = 19.50 INV EL (30" Round Concrete Pipe, S) = 17.29 INV EL (36" Round Concrete Pipe, N) = 16.96

Bremen Avenue Proposed Storm		
Structure Name	DESCRIPTION	Structure Details
CI 20BR Sta 31+33.19, 11.25 ' L N: 514364.458 E: 1084299.644	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.70 INV EL (18" Round Concrete Pipe, W) = 19.90
CI 21BR Sta 31+33.19, 11.25 ' R N: 514367.666 E: 1084277.374	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.70 INV EL (18" Round Concrete Pipe, E) = 19.75 INV EL (30" Round Concrete Pipe, S) = 17.58 INV EL (30" Round Concrete Pipe, N) = 17.47
CI 22BR Sta 34+36.16, 11.25 ' L N: 514064.578 E: 1084256.438	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.65 INV EL (18" Round Concrete Pipe, W) = 19.80
CI 23BR Sta 34+36.16, 11.25 ' R N: 514067.787 E: 1084234.168	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.65 INV EL (18" Round Concrete Pipe, E) = 19.64 INV EL (24" Round Concrete Pipe, S) = 18.57 INV EL (30" Round Concrete Pipe, N) = 18.24
CI 24BR Sta 37+06.46, 11.25 ' L N: 513797.040 E: 1084217.892	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.60 INV EL (18" Round Concrete Pipe, W) = 19.68
CI 25BR Sta 37+06.46, 11.24 ' R N: 513800.247 E: 1084195.631	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.60 INV EL (18" Pipe Culvert SD, S) = 19.43 INV EL (18" Round Concrete Pipe, E) = 19.53 INV EL (24" Round Concrete Pipe, N) = 19.32
CI 26BR Sta 37+93.08, 11.25 ' L N: 513711.313 E: 1084205.541	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.28 INV EL (18" Round Concrete Pipe, W) = 19.92
CI 27BR Sta 37+93.08, 11.25 ' R N: 513714.522 E: 1084183.270	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.28 INV EL (18" Round Concrete Pipe, E) = 19.84 INV EL (18" Pipe Culvert SD, N) = 19.73

Bremen Avenue Proposed Storm			
Pipe Name	Size	Length	Slope
1-1DSBR	42	39.83	0.10%
1-3BR	42	177.60	0.10%
2-3BR	18	21.25	0.70%
3-5BR	42	214.41	0.10%
4-5BR	18	21.25	0.70%
6-7BR	18	21.25	0.70%
7-5BR	42	286.81	0.10%
8-9BR	18	21.25	0.70%
9-7BR	36	183.07	0.15%
10-11BR	18	21.25	0.70%
11-9BR	36	366.93	0.15%
12-13BR	18	21.25	0.70%
13-11BR	36	148.16	0.15%
14-15BR	18	19.97	0.70%

Bremen Avenue Proposed Storm			
Pipe Name	Size	Length	Slope
15-13BR	36	89.30	0.15%
16-17BR	18	21.25	0.70%
17-15BR	36	275.30	0.15%
18-19BR	18	21.43	0.70%
19-17BR	36	293.26	0.15%
20-21BR	18	21.43	0.70%
21-19BR	30	82.03	0.22%
21-23BR	30	299.13	0.22%
22-23BR	18	22.49	0.70%
23-25BR	24	266.80	0.28%
24-25BR	18	21.35	0.70%
25-27BR	18	84.95	0.36%
26-27BR	18	22.75	0.36%

Calhoun Avenue Proposed Storm		
Structure Name	DESCRIPTION	Structure Details
CI 1CA Sta 10+17.80, 13.33 ' R N: 516414.083 E: 1084193.429	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 23.60 INV EL (42" Round Concrete Pipe, S) = 13.24 INV EL (42" Round Concrete Pipe, N) = 11.05
CI 2CA Sta 11+60.08, 11.32 ' L N: 516269.735 E: 1084197.606	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 23.92 INV EL (18" Round Concrete Pipe, W) = 19.40
CI 3CA Sta 11+60.08, 9.93 ' R N: 516272.755 E: 1084176.572	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.00 INV EL (18" Round Concrete Pipe, E) = 19.25 INV EL (42" Round Concrete Pipe, S) = 13.49 INV EL (42" Round Concrete Pipe, N) = 13.39
CI 4CA Sta 13+43.24, 11.31 ' L N: 516088.444 E: 1084171.571	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.81 INV EL (18" Round Concrete Pipe, W) = 19.90
CI 5CA Sta 13+43.24, 9.94 ' R N: 516091.464 E: 1084150.536	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.89 INV EL (42" Round Concrete Pipe, S) = 13.77 INV EL (18" Round Concrete Pipe, E) = 19.75 INV EL (42" Round Concrete Pipe, N) = 13.67
CI 6CA Sta 16+28.56, 11.31 ' L N: 515806.019 E: 1084131.011	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.39 INV EL (18" Round Concrete Pipe, W) = 20.50
CI 7CA Sta 16+28.56, 9.94 ' R N: 515809.040 E: 1084109.977	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.46 INV EL (18" Round Concrete Pipe, E) = 20.35 INV EL (42" Round Concrete Pipe, S) = 14.15 INV EL (42" Round Concrete Pipe, N) = 14.06
CI 8CA Sta 17+13.05, 11.31 ' L N: 515722.390 E: 1084119.000	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.13 INV EL (18" Round Concrete Pipe, W) = 20.20
CI 9CA Sta 17+13.05, 9.94 ' R N: 515725.410 E: 1084097.966	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.21 INV EL (18" Round Concrete Pipe, E) = 20.05 INV EL (36" Round Concrete Pipe, S) = 14.57 INV EL (42" Round Concrete Pipe, N) = 14.24
CI 10CA Sta 18+97.39, 11.30 ' L N: 515539.917 E: 1084092.795	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.34 INV EL (18" Round Concrete Pipe, W) = 20.20
CI 11CA Sta 18+97.39, 9.95 ' R N: 515542.938 E: 1084071.761	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.41 INV EL (36" Round Concrete Pipe, S) = 14.95 INV EL (18" Round Concrete Pipe, E) = 20.05 INV EL (36" Round Concrete Pipe, N) = 14.85
CI 12CA Sta 21+26.16, 11.42 ' L N: 515313.455 E: 1084060.399	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.54 INV EL (18" Round Concrete Pipe, W) = 20.15
CI 13CA Sta 21+26.16, 10.08 ' R N: 515316.511 E: 1084039.117	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.56 INV EL (18" Round Concrete Pipe, E) = 20.00 INV EL (36" Round Concrete Pipe, S) = 15.39 INV EL (36" Round Concrete Pipe, N) = 15.29
CI 14CA Sta 22+89.22, 11.42 ' L N: 515152.048 E: 1084037.218	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.05 INV EL (18" Round Concrete Pipe, W) = 19.50
CI 15CA Sta 22+89.22, 10.08 ' R N: 515155.103 E: 1084015.938	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.12 INV EL (18" Round Concrete Pipe, E) = 19.35 INV EL (36" Round Concrete Pipe, S) = 15.74 INV EL (36" Round Concrete Pipe, N) = 15.64
CI 16CA Sta 23+77.32, 11.29 ' L N: 515064.859 E: 1084024.571	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.97 INV EL (18" Round Concrete Pipe, W) = 19.50
CI 17CA Sta 23+77.32, 10.08 ' R N: 515067.897 E: 1084003.414	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.04 INV EL (18" Round Concrete Pipe, E) = 19.35 INV EL (36" Round Concrete Pipe, S) = 15.97 INV EL (36" Round Concrete Pipe, N) = 15.87
CI 18CA Sta 26+70.13, 11.41 ' L N: 514775.010 E: 1083983.071	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.97 INV EL (18" Round Concrete Pipe, W) = 17.50
CI 19CA Sta 26+70.14, 9.97 ' R N: 514778.031 E: 1083961.911	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.04 INV EL (18" Round Concrete Pipe, E) = 17.35 INV EL (30" Round Concrete Pipe, S) = 16.51 INV EL (36" Round Concrete Pipe, N) = 16.41

Calhoun Avenue Proposed Storm		
Structure Name	DESCRIPTION	Structure Details
CI 20CA Sta 30+33.80, 11.40 ' L N: 514415.034 E: 1083931.374	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.88 INV EL (18" Round Concrete Pipe, W) = 18.25
CI 21CA Sta 30+33.78, 11.23 ' R N: 514418.264 E: 1083908.981	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.89 INV EL (18" Round Concrete Pipe, E) = 18.10 INV EL (30" Round Concrete Pipe, S) = 17.40 INV EL (30" Round Concrete Pipe, N) = 17.30
CI 22CA Sta 31+99.60, 11.40 ' L N: 514250.918 E: 1083907.805	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.38 INV EL (18" Round Concrete Pipe, W) = 18.00
CI 23CA Sta 31+99.60, 11.23 ' R N: 514254.133 E: 1083885.410	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.39 INV EL (18" Round Concrete Pipe, E) = 17.85 INV EL (24" Round Concrete Pipe, S) = 18.10 INV EL (30" Round Concrete Pipe, N) = 17.76
CI 24CA Sta 34+22.96, 11.26 ' L N: 514029.843 E: 1083875.929	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.34 INV EL (18" Round Concrete Pipe, W) = 20.32
CI 25CA Sta 34+22.96, 11.23 ' R N: 514033.041 E: 1083853.658	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.35 INV EL (24" Round Concrete Pipe, S) = 18.82 INV EL (18" Round Concrete Pipe, E) = 20.16 INV EL (24" Round Concrete Pipe, N) = 18.72
CI 26CA Sta 35+86.95, 11.39 ' L N: 513867.500 E: 1083852.741	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.77 INV EL (18" Round Concrete Pipe, W) = 19.82
CI 27CA Sta 35+86.95, 11.24 ' R N: 513870.716 E: 1083830.346	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.78 INV EL (18" Round Concrete Pipe, E) = 19.67 INV EL (18" Pipe Culvert SD, S) = 19.38 INV EL (24" Round Concrete Pipe, N) = 19.28
CI 28CA Sta 36+91.82, 11.38 ' L N: 513763.692 E: 1083837.833	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.41 INV EL (18" Round Concrete Pipe, W) = 19.92
CI 29CA Sta 36+91.82, 11.24 ' R N: 513766.908 E: 1083815.438	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.42 INV EL (18" Round Concrete Pipe, E) = 19.84 INV EL (18" Pipe Culvert SD, N) = 19.74

Calhoun Avenue Proposed Storm			
Pipe Name	Size	Length	Slope
1-3CA	42	142.33	0.10%
1-DS1CA	42	46.80	0.10%
2-3CA	18	21.25	0.70%
3-5CA	42	183.15	0.10%
4-5CA	18	21.25	0.70%
5-7CA	42	285.32	0.10%
6-7CA	18	21.25	0.70%
7-9CA	42	84.49	0.10%
8-9CA	18	21.45	0.70%
9-11CA	36	187.07	0.15%
10-11CA	18	21.25	0.70%
11-13CA	36	226.04	0.15%
12-13CA	18	21.25	0.70%
13-15CA	36	163.06	0.15%
14-15CA	18	21.25	0.70%

Calhoun Avenue Proposed Storm			
Pipe Name	Size	Length	Slope
15-17CA	36	88.10	0.15%
16-17CA	18	21.25	0.70%
17-19CA	36	292.82	0.15%
18-19CA	18	21.25	0.70%
19-21CA	30	361.77	0.22%
20-21CA	18	21.25	0.70%
21-23CA	30	162.24	0.22%
22-23CA	18	21.25	0.70%
23-25CA	24	221.61	0.28%
24-25CA	18	22.75	0.70%
25-27CA	24	162.33	0.28%
26-27CA	18	21.25	0.70%
27-29CA	18	101.43	0.36%
28-29CA	18	21.25	0.36%

DRAINAGE STRUCTURES

PHASE II

BREMEN AVENUE AND CALHOUN AVENUE

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GHOTAH
DESIGNED BY: GPH
CHECKED BY: GPH
REG. FLA. ENG. NO. 43970
DATE: MAY 2022
PROJECT MANAGER: CHRIS A. CLEBO
DISTRICT: 2
SIGNATURE:
FIELD BOOK PAGES: TC30 / 1-35
SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 3.02
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 3.02.7

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\3.02 Drainage Structures - PH II.dwg, May 25, 2023 - 11:00:59AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	Correct (Green Highlighter) Change (Red Pen)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter) DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)			REMARK INCORPORATION	(Blue Highlighter) DATE
SIGNATURE:	CHECKER (RP)	(Red Pen X-Out to Deleqrree or Remark)		ORIGINATOR VERIFICATION	Correct (Pink Highlighter) DATE
	CHANGE INCORPORATION	(Yellow Highlighter)			

Rentz Avenue Proposed Storm

Structure Name	DESCRIPTION	Structure Details
CI 1R Sta 10+52.30, 14.64 ' R N: 516253.189 E: 1083794.466	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 23.25 INV EL (48" Round Concrete Pipe, S) = 12.65 INV EL (48" Round Concrete Pipe, NE) = 12.55
CI 2R Sta 11+56.08, 11.25 ' L N: 516146.780 E: 1083805.295	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 23.90 INV EL (18" Round Concrete Pipe, W) = 19.40
CI 3R Sta 11+56.08, 9.99 ' R N: 516149.809 E: 1083784.273	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 23.97 INV EL (42" Round Concrete Pipe, S) = 13.09 INV EL (18" Round Concrete Pipe, E) = 19.25 INV EL (48" Round Concrete Pipe, N) = 12.75
CI 4R Sta 13+74.23, 11.25 ' L N: 515930.856 E: 1083774.182	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.74 INV EL (18" Round Concrete Pipe, W) = 19.90
CI 5R Sta 13+74.23, 10.00 ' R N: 515933.887 E: 1083753.149	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.81 INV EL (42" Round Concrete Pipe, S) = 13.40 INV EL (18" Round Concrete Pipe, E) = 19.75 INV EL (42" Round Concrete Pipe, N) = 13.31
CI 6R Sta 15+29.18, 11.25 ' L N: 515777.494 E: 1083752.083	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.25 INV EL (18" Round Concrete Pipe, W) = 20.40
CI 7R Sta 15+29.18, 10.00 ' R N: 515780.524 E: 1083731.050	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.32 INV EL (42" Round Concrete Pipe, S) = 13.66 INV EL (18" Round Concrete Pipe, E) = 20.32 INV EL (42" Round Concrete Pipe, N) = 13.56
CI 8R Sta 17+43.51, 11.25 ' L N: 515565.360 E: 1083721.516	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.30 INV EL (18" Round Concrete Pipe, W) = 20.40
CI 9R Sta 17+43.51, 10.00 ' R N: 515568.391 E: 1083700.483	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.37 INV EL (36" Round Concrete Pipe, S) = 14.21 INV EL (18" Round Concrete Pipe, E) = 20.60 INV EL (42" Round Concrete Pipe, N) = 13.87
CI 10R Sta 19+66.06, 11.25 ' L N: 515345.080 E: 1083689.775	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.57 INV EL (18" Round Concrete Pipe, W) = 18.75
CI 11R Sta 19+66.06, 10.00 ' R N: 515348.110 E: 1083668.742	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.63 INV EL (36" Round Concrete Pipe, S) = 14.64 INV EL (18" Round Concrete Pipe, E) = 18.60 INV EL (36" Round Concrete Pipe, N) = 14.54
CI 12R Sta 21+07.84, 11.25 ' L N: 515204.750 E: 1083669.555	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.07 INV EL (18" Round Concrete Pipe, W) = 19.25
CI 13R Sta 21+07.84, 10.00 ' R N: 515207.781 E: 1083648.522	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.14 INV EL (36" Round Concrete Pipe, S) = 14.96 INV EL (18" Round Concrete Pipe, E) = 19.10 INV EL (36" Round Concrete Pipe, N) = 14.86
CI 14R Sta 21+95.79, 11.25 ' L N: 515117.696 E: 1083657.011	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.96 INV EL (18" Round Concrete Pipe, W) = 18.50
CI 15R Sta 21+95.79, 10.00 ' R N: 515120.726 E: 1083635.978	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.03 INV EL (36" Round Concrete Pipe, S) = 15.29 INV EL (18" Round Concrete Pipe, E) = 18.35 INV EL (36" Round Concrete Pipe, N) = 15.19
CI 16R Sta 23+19.46, 11.25 ' L N: 514995.291 E: 1083639.373	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.46 INV EL (18" Round Concrete Pipe, W) = 18.30
CI 17R Sta 23+19.46, 10.00 ' R N: 514998.321 E: 1083618.340	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.53 INV EL (30" Round Concrete Pipe, S) = 15.81 INV EL (18" Round Concrete Pipe, E) = 18.15 INV EL (36" Round Concrete Pipe, N) = 15.47
CI 18R Sta 25+59.90, 11.25 ' L N: 514757.313 E: 1083605.082	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.41 INV EL (18" Round Concrete Pipe, W) = 17.70
CI 19R Sta 25+59.90, 11.25 ' R N: 514760.522 E: 1083582.812	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.41 INV EL (30" Round Concrete Pipe, S) = 16.43 INV EL (18" Round Concrete Pipe, E) = 17.55 INV EL (30" Round Concrete Pipe, N) = 16.33

Rentz Avenue Proposed Storm

Structure Name	DESCRIPTION	Structure Details
CI 20R Sta 28+72.16, 11.25 ' L N: 514448.246 E: 1083560.547	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.39 INV EL (18" Round Concrete Pipe, W) = 21.00
CI 21R Sta 28+72.16, 11.25 ' R N: 514451.455 E: 1083538.277	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.39 INV EL (30" Round Concrete Pipe, S) = 17.21 INV EL (18" Round Concrete Pipe, E) = 20.85 INV EL (30" Round Concrete Pipe, N) = 17.11
CI 22R Sta 31+27.09, 11.25 ' L N: 514195.921 E: 1083524.189	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.21 INV EL (18" Pipe Culvert SD, W) = 20.80
CI 23R Sta 31+27.09, 11.25 ' R N: 514199.130 E: 1083501.919	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.21 INV EL (24" Round Concrete Pipe, S) = 18.10 INV EL (18" Pipe Culvert SD, E) = 20.65 INV EL (30" Round Concrete Pipe, N) = 17.77
CI 24R Sta 32+89.60, 11.25 ' L N: 514035.071 E: 1083501.011	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 25.08 INV EL (18" Pipe Culvert SD, W) = 20.50
CI 25R Sta 32+89.60, 11.25 ' R N: 514038.280 E: 1083478.741	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 25.08 INV EL (24" Round Concrete Pipe, S) = 18.65 INV EL (18" Pipe Culvert SD, E) = 20.35 INV EL (24" Round Concrete Pipe, N) = 18.55
CI 26R Sta 34+25.67, 11.25 ' L N: 513900.397 E: 1083481.606	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 24.64 INV EL (18" Pipe Culvert SD, W) = 20.05
CI 27R Sta 34+25.67, 11.25 ' R N: 513903.605 E: 1083459.336	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 24.64 INV EL (18" Pipe Culvert SD, S) = 19.50 INV EL (18" Pipe Culvert SD, E) = 19.90 INV EL (24" Round Concrete Pipe, N) = 19.02
CI 28R Sta 35+10.76, 11.25 ' L N: 513816.169 E: 1083469.469	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.37 INV EL (18" Pipe Culvert SD, W) = 19.98
CI 29R Sta 35+10.76, 11.25 ' R N: 513819.378 E: 1083447.199	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 24.37 INV EL (18" Pipe Culvert SD, E) = 19.90 INV EL (18" Pipe Culvert SD, N) = 19.80
SWMH-E3 Sta 21+35.55, 10.09 ' R N: 515180.363 E: 1083644.477	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), Rectangular Bottom)	TOP EL = 25.45 INV EL (36" Round Concrete Pipe, S) = 15.10 INV EL (18" Round Concrete Pipe, W) = 17.99 INV EL (36" Round Concrete Pipe, N) = 15.00

Rentz Avenue Proposed Storm

Pipe Name	Size	Length	Slope
1-3R	48	103.88	0.10%
1-DS1R	48	135.64	1.21%
2-3R	18	21.24	0.70%
3-5R	42	218.15	0.10%
4-5R	18	21.25	0.70%
5-7R	42	154.95	0.10%
6-7R	18	21.25	0.40%
7-9R	42	214.32	0.10%
8-9R	18	21.25	0.95%
9-11R	36	222.56	0.15%
10-11R	18	21.25	0.70%
11-13R	36	141.78	0.15%
12-13R	18	21.25	0.70%
13-15R	36	60.24	0.15%
14-15R	18	21.25	0.70%

Rentz Avenue Proposed Storm

Pipe Name	Size	Length	Slope
15-17R	36	123.67	0.15%
16-17R	18	21.25	0.70%
17-19R	30	238.72	0.22%
18-19R	18	21.50	0.70%
19-21R	30	308.69	0.22%
20-21R	18	21.25	0.70%
21-23R	30	251.43	0.22%
22-23R	18	21.25	0.70%
23-25R	24	159.01	0.28%
24-25R	18	21.92	0.70%
25-27R	24	132.44	0.28%
26-27R	18	21.17	0.70%
27-29R	18	83.13	0.36%
28-29R	18	22.75	0.36%
E3-13R	36	27.71	0.15%

North St. R/W (West Pond, Winton Ave., Pond 7, Pond 8) Storm

Structure Name	DESCRIPTION	Structure Details
CI 1WN Sta 43+66.23, 10.02 ' R N: 516772.35 E: 1085270.82	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 20.24 INV EL (60" Concrete Pipe, SW) = 10.44 INV EL (18" Concrete Pipe, SE) = 14.89 INV EL (60" Concrete Pipe, NE) = 10.33
CI 2WN Sta 43+66.40, 11.26 ' L N: 516755.16 E: 1085283.36	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 20.05 INV EL (18" Concrete Pipe, NW) = 15.00
CI 3WN Sta 46+24.84, 10.28 ' R N: 516618.45 E: 1085062.99	Index No. 211 - Curb Inlet Type 5 (Left) with Rectangular Structure Bottom	TOP EL = 20.90 INV EL (60" Concrete Pipe, SW) = 10.66 INV EL (18" Concrete Pipe, SE) = 15.89 INV EL (60" Concrete Pipe, NE) = 10.56
CI 4WN Sta 46+24.92, 11.26 ' L N: 516601.10 E: 1085075.77	Index No. 211 - Curb Inlet Type 5 (Right) with Rectangular Structure Bottom	TOP EL = 20.90 INV EL (18" Concrete Pipe, NW) = 16.00
DS 8P Sta 10+73.57, 67.37 ' L N: 516811.05 E: 1085443.90	Index No. 200 - Precast 60 in. x 60 in. Type J Junction Box with grated top (Bubble-up)	TOP EL = 16.13 INV EL (54" Concrete Pipe, SW) = 9.92
DS BR Sta 51+46,46, 0.00 ' L N: 516507.79 E: 1084574.06	Index No. 232 - Ditch Bottom Inlet - Type E (Double Slot with grate - Bubble-up)	TOP EL = 17.00 INV EL (42" Round Concrete Pipe, S) = 11.00
DS CA Sta 55+24.61, 0.59 ' R N: 516460.48 E: 1084200.04	Index No. 232 - Ditch Bottom Inlet - Type E (Double Slot with grate - Bubble-up)	TOP EL = 17.00 INV EL (42" Round Concrete Pipe, S) = 11.00
DS R Sta 58+85.70, 1.14 ' R N: 516377.50 E: 1083848.73	Index No. 232 - Ditch Bottom Inlet - Type E (Single Slot with grate - Bubble-up)	TOP EL = 17.00 INV EL (48" Round Concrete Pipe, SW) = 10.90
DSWP Sta 47+75.45, 0.61 ' L N: 516530.30 E: 1084944.38	Index No. 235 - Ditch Bottom Inlet - Type K	TOP EL = 18.75 INV EL (6" N12 HDPE, SW) = 14.75 INV EL (60" Concrete Pipe, NE) = 10.74
JB 3WN Sta 41+76.80, 9.00 ' R N: 516884.19 E: 1085423.15	Index No. 200 - Precast 72 in. x 72 in. Type J Junction Box	TOP EL = 19.50 INV EL (60" Concrete Pipe, SW) = 10.24 INV EL (48" Concrete Pipe, SE) = 12.14 INV EL (48" Concrete Pipe, NE) = 10.14

North St. R/W (West Pond, Winton Ave., Pond 7, Pond 8) Storm

Pipe Name	Size	Length	Slope
CI 1WN JB 3WN	60	187.15	0.05%
CI 2WN-CI1WN	18	21.28	0.50%
CI 3WN CI 1WN	60	258.61	0.05%
CI 4WN CI 3WN	18	21.54	0.50%
DSWP CI 3WN	60	147.78	0.05%
FD 1WP	6	15.38	8.13%
FD 2WP	6	349.62	0.00%
FD 3WP	6	238.74	0.00%
FD 4WP	6	211.59	0.00%
FD 5WP	6	289.10	0.00%
JB 3WN-DS8N	48	69.27	0.20%
JB 3WN-DS9P	48	61.34	0.23%
MES 1P7-MES 1P8	24	50.37	0.00%
MES 2P7-MES 2P8	24	50.35	0.00%
MES 3P7-MES 3P8	24	50.46	0.00%

Pond 6 (STORMWATER TREATMENT)

DBI-P6 N: 517387.77 E: 1085938.77	Index No. 232 - Ditch Bottom Inlet - Type C (Double Slot)	TOP EL = 14.08 INV EL (8" N12 HDPE, S) = 12.02 SUMP EL = 10.50
SWTU-1 N: 517322.91 E: 1085933.32	STORMWATER TREATMENT UNIT	TOP EL = 16.50 INV EL (8" N12 HDPE, N) = 13.87 INV EL (8" N12 HDPE, S) = 14.20 SUMP EL = 8.00
TURNDOWN ORIFICE N: 517290.61 E: 1085930.90	90° Elbow W/ 4" Ø Orifice Plate	TOP EL = 15.35 INV EL (8" N12 HDPE, N) = 14.60 SUMP EL. = 14.14

North St. R/W (Pond 7 & Pond 8) MES Sturctures, Endwalls, and Cleanouts

Structure Name	DESCRIPTION	Structure Details
CO 1WP Sta 47+85.47, 12.27 ' L N: 516518.04 E: 1084935.11	Filter Drain Cleanout	TOP EL = 18.80 INV EL (6" N12 HDPE, W) = 16.00 INV EL (6" N12 HDPE, NE) = 16.00
CO 2WP Sta 51+35.09, 12.54 ' L N: 516495.98 E: 1084586.18	Filter Drain Cleanout	TOP EL = 18.80 INV EL (6" N12 HDPE, W) = 16.00 INV EL (6" N12 HDPE, E) = 16.00
CO 3WP Sta 53+75.86, 12.31 ' L N: 516481.17 E: 1084347.90	Filter Drain Cleanout	TOP EL = 18.80 INV EL (6" N12 HDPE, W) = 16.00 INV EL (6" N12 HDPE, E) = 16.00
CO 4WP Sta 55+87.44, 14.12 ' L N: 516432.08 E: 1084142.09	Filter Drain Cleanout	TOP EL = 18.80 INV EL (6" N12 HDPE, W) = 16.00 INV EL (6" N12 HDPE, E) = 16.00
CO 5WP Sta 58+83.16, 14.86 ' L N: 516366.41 E: 1083860.55	Filter Drain Cleanout	TOP EL = 18.80 INV EL (6" N12 HDPE, E) = 16.00
DS 8N Sta 41+07.79, 25.59 ' R N: 516940.88 E: 1085465.85	Index No. 266 - Concrete Endwall with 45 Degree Wings - 15-48 in. Dia. Pipe	TOP EL = 15.42 INV EL (48" Concrete Pipe, SW) = 10.00
DS 9P Sta 41+76.06, 54.79 ' L N: 516835.43 E: 1085464.27	Index No. 266 - Concrete Endwall with 45 Degree Wings - 15-48 in. Dia. Pipe	TOP EL = 17.42 INV EL (48" Concrete Pipe, NW) = 12.00
JB 3WN Sta 41+76.80, 9.00 ' R N: 516884.19 E: 1085423.15	Index No. 200 - Precast 72 in. x 72 in. Type J Junction Box	TOP EL = 19.50 INV EL (60" Concrete Pipe, SW) = 10.24 INV EL (48" Concrete Pipe, SE) = 12.14 INV EL (48" Concrete Pipe, NE) = 10.14
MES 1P7 Sta 40+71.27, 12.90 ' R N: 516954.31 E: 1085502.11	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	TOP EL = 17.25 INV EL (24" Round Concrete Pipe, SE) = 15.00
MES 1P8 Sta 40+66.69, 37.26 ' L N: 516918.50 E: 1085537.55	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	TOP EL = 17.25 INV EL (24" Round Concrete Pipe, NW) = 15.00
MES 2P7 Sta 40+78.18, 12.36 ' R N: 516949.50 E: 1085497.12	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	TOP EL = 17.25 INV EL (24" Round Concrete Pipe, SE) = 15.00
MES 2P8 Sta 40+73.59, 37.78 ' L N: 516913.72 E: 1085532.54	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	TOP EL = 17.25 INV EL (24" Round Concrete Pipe, NW) = 15.00
MES 3P7 Sta 40+84.88, 11.89 ' R N: 516944.87 E: 1085492.26	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	TOP EL = 17.25 INV EL (24" Round Concrete Pipe, SE) = 15.00
MES 3P8 Sta 40+80.65, 38.40 ' L N: 516908.75 E: 1085527.49	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	TOP EL = 17.25 INV EL (24" Round Concrete Pipe, NW) = 15.00

Eliasberg Proposed Storm

Structure Name	DESCRIPTION	Structure Details
CI 1E-R N: 515182.536 E: 1083462.027	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.46 INV EL (18" Round Concrete Pipe, N) = 18.91
CI 2E-R N: 515206.741 E: 1083465.777	Index No. 211 - Curb Inlet Type 6 with Rectangular Structure Bottom	TOP EL = 25.45 INV EL (18" Round Concrete Pipe, S) = 18.74 INV EL (18" Round Concrete Pipe, E) = 18.64
DBI E-F N: 515188.523 E: 1083332.546	Index No. 232 - Ditch Bottom Inlet - Type C	TOP EL = 25.10 INV EL (EX. 18" RCP, W) = ±23.31

Eliasberg Avenue Proposed Storm

Pipe Name	Size	Length	Slope
1E-2E	18	24.49	0.70%
2E-E3	18	180.64	0.36%

DRAINAGE STRUCTURES
PHASE II
RENTZ AVE., NORTH ST., POND 8, WINTON, ETC.

ESCAMBIA COUNTY · FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

REG. FLA. ENG. NO. 43970 | DATE: | SIGNATURE:

DESIGNED BY: GPH | CHECKED BY: GPH | DISTRICT: 2
DRAWN BY: GPHTAH | PROJECT MANAGER: CHRIS A. CURB | SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W
DATE: MAY 2023 | SCALE: N/A | FIELD BOOK / PAGES: TC20 / 1-35

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 3.02
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 3.02.8

RENTZ AVENUE SS MANHOLES		
Structure Name	Description	Structure Details
Ex SS Manhole	SANITARY MANHOLE N: 516132.443 E: 1083698.953	RIM = 24.69 INV EL (8" PVC Pipe, E) = 19.16
SSMH-1R	SANITARY MANHOLE N: 516136.967 E: 1083787.738	RIM = 23.75 INV EL (8" PVC Pipe, N) = 17.58 INV EL (8" PVC Pipe, W) = 18.80 INV EL (8" PVC Pipe, S) = 17.48
SSMH-1R-N	SANITARY MANHOLE N: 516328.863 E: 1083844.604	RIM = 23.10 INV EL (8" PVC Pipe, S) = 18.38
SSMH-2R (DROP - COATED)	SANITARY MANHOLE N: 515820.034 E: 1083743.225	RIM = 24.75 INV EL (8" PVC Pipe, N) = 16.20 INV EL (8" PVC Pipe, S) = 18.20
SSMH-3R (COATED)	SANITARY MANHOLE N: 515492.966 E: 1083696.033	RIM = 25.21 INV EL (8" PVC Pipe, S) = 20.32 INV EL (8" PVC Pipe, N) = 19.52
SSMH-4R (COATED)	SANITARY MANHOLE N: 515166.531 E: 1083648.036	RIM = 25.72 INV EL (12" PVC Pipe, S) = 20.91 INV EL (12" PVC Pipe, W) = 20.96 INV EL (8" PVC Pipe, N) = 21.64
SSMH-5R (COATED)	SANITARY MANHOLE N: 514811.008 E: 1083597.591	RIM = 25.24 INV EL (12" PVC Pipe, S) = 20.04 INV EL (12" PVC Pipe, N) = 20.12
SSMH-6R (COATED)	SANITARY MANHOLE N: 514511.997 E: 1083553.881	RIM = 25.20 INV EL (8" PVC Pipe, W) = 20.31 INV EL (12" PVC Pipe, N) = 19.37 INV EL (12" PVC Pipe, S) = 19.29
SSMH-7R	SANITARY MANHOLE N: 514154.453 E: 1083502.817	RIM = 25.00 INV EL (12" PVC Pipe, N) = 18.50 INV EL (12" PVC Pipe, S) = 18.42
SSMH-8R	SANITARY MANHOLE N: 513862.321 E: 1083460.053	RIM = 24.13 INV EL (12" PVC Pipe, N) = 17.77 INV EL (8" PVC Pipe, W) = 18.00 INV EL (12" PVC Pipe, S) = 17.69
SSMH-9R	SANITARY MANHOLE N: 513483.401 E: 1083406.147	RIM = 23.30 INV EL (12" PVC Pipe, N) = 16.84 INV EL (12" PVC Pipe, S) = 16.76
SSMH-R-GB	SANITARY MANHOLE N: 513292.496 E: 1083382.631	RIM = 20.62 INV EL (12" PVC Pipe, N) = 16.34

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 1R	8"	200.14	0.40%
Pipe 2R	8"	320.04	0.40%
Pipe 3R	8"	330.46	0.40%
Pipe 4R	8"	329.75	0.40%
Pipe 5R	12"	359.08	0.22%
Pipe 6R	12"	302.19	0.22%

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 7R	8"	88.90	0.40%
Pipe 7RE	12"	361.17	0.22%
Pipe 8R	12"	295.25	0.22%
Pipe 9R	12"	382.73	0.22%
Pipe 10R	12"	192.35	0.22%

CALHOUN AVENUE SS MANHOLES		
Structure Name	Description	Structure Details
SSMH-1CA	SANITARY MANHOLE N: 516103.813 E: 1084159.618	RIM = 24.42 INV EL (8" PVC Pipe, N) = 16.66 INV EL (8" PVC Pipe, S) = 16.56
SSMH-1CA-N	SANITARY MANHOLE N: 516374.559 E: 1084194.299	RIM = 22.90 INV EL (8" PVC Pipe, S) = 17.75
SSMH-2CA (DROP)	SANITARY MANHOLE N: 515766.462 E: 1084111.791	RIM = 24.94 INV EL (8" PVC Pipe, N) = 15.20 INV EL (8" PVC Pipe, S) = 14.90
SSMH-3CA	SANITARY MANHOLE N: 515438.255 E: 1084064.253	RIM = 25.43 INV EL (8" PVC Pipe, S) = 16.33 INV EL (8" PVC Pipe, N) = 16.23
SSMH-4CA (DROP)	SANITARY MANHOLE N: 515112.926 E: 1084016.682	RIM = 25.56 INV EL (8" PVC Pipe, S) = 17.74 INV EL (8" PVC Pipe, E) = 20.00 INV EL (8" PVC Pipe, W) = 20.00 INV EL (8" PVC Pipe, N) = 17.64
SSMH-5CA	SANITARY MANHOLE N: 514816.944 E: 1083973.881	RIM = 24.74 INV EL (8" PVC Pipe, S) = 19.55 INV EL (8" PVC Pipe, N) = 18.94
SSMH-6CA	SANITARY MANHOLE N: 514459.370 E: 1083921.790	RIM = 24.72 INV EL (8" PVC Pipe, N) = 21.00 INV EL (8" PVC Pipe, S) = 21.00
SSMH-7CA	SANITARY MANHOLE N: 514090.476 E: 1083870.521	RIM = 25.22 INV EL (8" PVC Pipe, N) = 19.51 INV EL (8" PVC Pipe, S) = 18.98

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 1CA	8"	272.96	0.40%
Pipe 2CA	8"	340.72	0.40%
Pipe 3CA	8"	331.63	0.40%
Pipe 4CA	8"	328.79	0.40%
Pipe 5CA	8"	299.06	0.40%

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 6CA	8"	361.35	0.40%
Pipe 7CA	8"	372.44	0.40%
Pipe 8CA	8"	293.33	0.40%
Pipe 9CA	8"	428.03	0.40%

BREMEN AVENUE SS MANHOLES		
Structure Name	Description	Structure Details
SSMH-1BR	SANITARY MANHOLE N: 516087.893 E: 1084532.173	RIM = 23.21 INV EL (8" PVC Pipe, N) = 16.00 INV EL (8" PVC Pipe, S) = 15.90
SSMH-1BR-N	SANITARY MANHOLE N: 516458.926 E: 1084583.864	RIM = 22.07 INV EL (8" PVC Pipe, S) = 17.50
SSMH-2BR (DROP)	SANITARY MANHOLE N: 515715.235 E: 1084478.707	RIM = 23.20 INV EL (18" Pipes for Existing Utility Lines, S) = 11.03 INV EL (8" PVC Pipe, N) = 14.02
SSMH-3BR	SANITARY MANHOLE N: 515388.993 E: 1084430.768	RIM = 23.70 INV EL (18" Pipes for Existing Utility Lines, S) = 11.51 INV EL (18" Pipes for Existing Utility Lines, N) = 11.43
SSMH-4BR	SANITARY MANHOLE N: 515059.700 E: 1084384.385	RIM = 24.39 INV EL (18" Pipes for Existing Utility Lines, S) = 12.01 INV EL (18" Pipes for Existing Utility Lines, N) = 11.91
SSMH-5BR	SANITARY MANHOLE N: 514753.586 E: 1084340.275	RIM = 24.21 INV EL (18" Pipes for Existing Utility Lines, S) = 12.46 INV EL (18" Pipes for Existing Utility Lines, N) = 12.38
SSMH-6BR	SANITARY MANHOLE N: 514407.211 E: 1084288.953	RIM = 24.19 INV EL (18" Pipes for Existing Utility Lines, S) = 12.96 INV EL (18" Pipes for Existing Utility Lines, N) = 12.88
SSMH-7BR	SANITARY MANHOLE N: 514081.624 E: 1084243.083	RIM = 24.33 INV EL (18" Pipes for Existing Utility Lines, S) = 13.43 INV EL (18" Pipes for Existing Utility Lines, N) = 13.35
SSMH-8BR	SANITARY MANHOLE N: 513756.007 E: 1084194.821	RIM = 24.04 INV EL (18" Pipes for Existing Utility Lines, S) = 13.91 INV EL (18" Pipes for Existing Utility Lines, N) = 13.83

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 1BR	8"	374.62	0.40%
Pipe 2BR	8"	376.47	0.50%
Pipe 3BR	18"	329.75	0.12%
Pipe 4BR	18"	332.54	0.12%
Pipe 5BR	18"	309.28	0.12%

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 6BR	18"	350.16	0.12%
Pipe 7BR	18"	328.80	0.12%
Pipe 8BR	18"	329.17	0.12%
Pipe 9BR	18"	243.51	0.12%

WINTON AVENUE SS MANHOLES		
Structure Name	Description	Structure Details
EX SSMH-11N	SANITARY MANHOLE N: 516850.548 E: 1085404.137	RIM = 21.29 INV EL (8" PVC Pipe, W) = 10.28 INV EL (18" PVC Pipe, SW) = 8.39 INV EL (21" PVC Pipe, NE) = 8.31
SSMH-1WI (DROP)	SANITARY MANHOLE N: 516312.927 E: 1084950.196	RIM = 23.24 INV EL (18" PVC Pipe, S) = 9.54 INV EL (8" PVC Pipe, E) = 16.76 INV EL (18" PVC Pipe, N) = 9.46
SSMH-2WI	SANITARY MANHOLE N: 515947.860 E: 1084896.482	RIM = 23.81 INV EL (18" PVC Pipe, S) = 10.07 INV EL (18" PVC Pipe, N) = 9.99
SSMH-3WI (DROP)	SANITARY MANHOLE N: 515661.244 E: 1084854.773	RIM = 24.06 INV EL (8" PVC Pipe, S) = 15.34 INV EL (18" PVC Pipe, N) = 10.42
SSMH-4WI	SANITARY MANHOLE N: 515336.761 E: 1084808.255	RIM = 24.17 INV EL (8" PVC Pipe, S) = 16.75 INV EL (8" PVC Pipe, N) = 16.65
SSMH-5WI	SANITARY MANHOLE N: 515003.007 E: 1084760.280	RIM = 24.44 INV EL (8" PVC Pipe, S) = 18.20 INV EL (8" PVC Pipe, N) = 18.10
SSMH-6WI	SANITARY MANHOLE N: 514680.026 E: 1084712.293	RIM = 25.21 INV EL (8" PVC Pipe, S) = 19.88 INV EL (8" PVC Pipe, N) = 19.51
SSMH-7WI	SANITARY MANHOLE N: 514352.748 E: 1084662.935	RIM = 24.85 INV EL (8" PVC Pipe, S) = 21.20 INV EL (8" PVC Pipe, N) = 21.20
SSMH-8WI	SANITARY MANHOLE N: 514043.206 E: 1084618.359	RIM = 24.72 INV EL (8" PVC Pipe, N) = 19.95 INV EL (8" PVC Pipe, S) = 18.35

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 1WI	18"	242.54	0.12%
Pipe 2WI	18"	369.00	0.12%
Pipe 3WI	18"	289.64	0.12%
Pipe 4WI	8"	327.80	0.40%
Pipe 5WI	8"	337.18	0.40%

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 6WI	8"	326.53	0.40%
Pipe 7WI	8"	330.98	0.40%
Pipe 8WI	8"	312.74	0.40%
Pipe 9WI	8"	386.30	0.40%

COLBERT AVENUE SS MANHOLES		
Structure Name	Description	Structure Details
SSMH-1C	SANITARY MANHOLE N: 516553.599 E: 1085362.032	RIM = 22.93 INV EL (8" PVC Pipe, S) = 11.70 INV EL (8" PVC Pipe, N) = 11.60
SSMH-2C	SANITARY MANHOLE N: 516261.097 E: 1085319.177	RIM = 24.54 INV EL (8" PVC Pipe, S) = 12.98 INV EL (8" PVC Pipe, N) = 12.88
SSMH-3C	SANITARY MANHOLE N: 515922.135 E: 1085270.309	RIM = 24.87 INV EL (8" PVC Pipe, S) = 14.45 INV EL (8" PVC Pipe, N) = 14.35
SSMH-4C	SANITARY MANHOLE N: 515606.498 E: 1085224.852	RIM = 23.91 INV EL (8" PVC Pipe, S) = 15.83 INV EL (8" PVC Pipe, N) = 15.73
SSMH-5C	SANITARY MANHOLE N: 515331.965 E: 1085185.284	RIM = 24.54 INV EL (8" PVC Pipe, S) = 17.04 INV EL (8" PVC Pipe, N) = 16.94
SSMH-6C	SANITARY MANHOLE N: 514950.184 E: 1085130.324	RIM = 24.84 INV EL (8" PVC Pipe, S) = 18.68 INV EL (8" PVC Pipe, N) = 18.58 INV EL (8" PVC Pipe, W) = 19.13
SSMH-7C	SANITARY MANHOLE N: 514626.587 E: 1085083.623	RIM = 25.36 INV EL (8" PVC Pipe, S) = 20.09 INV EL (8" PVC Pipe, N) = 19.99
SSMH-8C	SANITARY MANHOLE N: 514300.271 E: 1085031.801	RIM = 24.80 INV EL (8" PVC Pipe, S) = 20.98 INV EL (8" PVC Pipe, E) = 21.08 INV EL (8" PVC Pipe, N) = 21.41
SSMH-9C	SANITARY MANHOLE N: 514041.185 E: 1084993.869	RIM = 24.68 INV EL (8" PVC Pipe, N) = 19.94 INV EL (8" PVC Pipe, S) = 18.44

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 1C	8"	297.55	0.40%
Pipe 2C	8"	295.63	0.40%
Pipe 3C	8"	342.47	0.40%
Pipe 4C	8"	318.89	0.40%
Pipe 5C	8"	277.37	0.40%

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 6C	8"	385.72	0.40%
Pipe 7C	8"	326.95	0.40%
Pipe 8C	8"	330.41	0.40%
Pipe 9C	8"	261.85	0.40%
Pipe 10C	8"	241.36	0.40%

Lamar Street SS			
Pipe Name	Size	Length	Slope
Pipe 1LA	8"	372.44	1.00%
Pipe 2LA	12"	370.47	0.22%
Pipe 3LA	18"	379.92	0.12%

GULF BEACH HWY. SS MANHOLES		
Structure Name	Description	Structure Details
SSMH-GB1	SANITARY MANHOLE N: 513257.759 E: 1083427.530	RIM = 20.33 INV EL (12" PVC Pipe, NW) = 16.14 INV EL (12" PVC Pipe, E) = 16.06
SSMH-CA-GB	SANITARY MANHOLE N: 513376.014 E: 1083771.039	RIM = 22.27 INV EL (12" PVC Pipe, W) = 15.26 INV EL (12" PVC Pipe, E) = 15.18 INV EL (8" PVC Pipe, N) = 16.00
SSMH-BR-GB	SANITARY MANHOLE N: 513514.271 E: 1084165.512	RIM = 24.42 INV EL (18" PVC Pipe, N) = 14.20 INV EL (12" PVC Pipe, W) = 14.26 INV EL (15" PVC Pipe, E) = 14.57
SSMH-W-GB (COATED)	SANITARY MANHOLE N: 513660.794 E: 1084563.676	RIM = 23.72 INV EL (15" PVC Pipe, E) = 15.31 INV EL (15" PVC Pipe, W) = 15.20 INV EL (8" PVC Pipe, N) = 16.80
SSMH-C-GB (COATED)	SANITARY MANHOLE N: 513802.249 E: 1084959.725	RIM = 24.07 INV EL (15" PVC Pipe, E) = 16.04 INV EL (15" PVC Pipe, W) = 15.93 INV EL (8" PVC Pipe, N) = 17.47
SSMH-GB2 (COATED)	SANITARY MANHOLE N: 513876.225 E: 1085165.338	RIM = 23.54 INV EL (6" PVC FM, W): 17.00 INV EL (15" PVC Pipe, W) = 16.36

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 1GB	12"	363.29	0.22%
Pipe 2GB	12"	418.00	0.22%
Pipe 3GB	15"	424.27	0.15%

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 4GB	15"	420.55	0.15%
Pipe 5GB	15"	218.52	0.15%

TALBERT STREET SS MANHOLES		
Structure Name	Description	Structure Details
SSMH-C-T	SANITARY MANHOLE N: 514278.774 E: 1085184.374	RIM = 25.37 INV EL (8" PVC Pipe, W) = 21.70
SSMH-R-T	SANITARY MANHOLE N: 514541.427 E: 1083349.527	RIM = 25.76 INV EL (8" PVC Pipe, E) = 21.14

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 1TAL	8"	206.46	0.40%

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 2TAL	8"	154.08	0.40%

GRAUPERA STREET SS MANHOLES		
Structure Name	Description	Structure Details
SSMH-1GR	SANITARY MANHOLE N: 513893.508 E: 1083241.454	RIM = 25.31 INV EL (8" PVC Pipe, E) = 18.88

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe - 1GR	8"	220.81	0.40%

CAIRO STREET SS MANHOLES		
Structure Name	Description	Structure Details
SSMH-CAI	SANITARY MANHOLE N: 516287.153 E: 1085133.805	RIM = 24.29 INV EL (8" PVC Pipe, W) = 17.50

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe - 1CAI	8"	185.41	0.40%

North Street Ex. & Proposed Sanitary		
Structure Name	Description	Structure Details
EX SSMH-11N	SANITARY MANHOLE N: 516850.548 E: 1085404.137	RIM = 21.29 INV EL (8" PVC Pipe, W) = 10.28 INV EL (18" PVC Pipe, SW) = 8.39 INV EL (21" PVC Pipe, NE) = 8.31
SSMH-1N	SANITARY MANHOLE N: 516705.739 E: 1085192.428	RIM = 19.88 INV EL (18" PVC Pipe, NE) = 8.70 INV EL (18" PVC Pipe, SW) = 8.78
SSMH-2N	SANITARY MANHOLE N: 516552.526 E: 1084987.832	RIM = 20.99 INV EL (18" PVC Pipe, NE) = 9.08

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 1N	18"	255.61	0.12%

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 2N	18"	256.50	0.12%

ELIASBERG STREET SS MANHOLES		
Structure Name	Description	Structure Details
SSMH-2CA-E	SANITARY MANHOLE N: 515141.675 E: 1083817.717	RIM = 26.12 INV EL (8" PVC Pipe, E) = 20.80
SSMH-CA-E	SANITARY MANHOLE N: 515093.345 E: 1084151.880	RIM = 25.09 INV EL (8" PVC Pipe, W) = 20.55
SSMH-E-F (COATED)	SANITARY MANHOLE N: 515203.880 E: 1083404.133	RIM = 25.40 INV EL (12" PVC Pipe, E) = 21.50 INV EL (6" PVC FM, W): ±21.75

2

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 1E	12"	246.75	0.22%
Pipe 2E	8"	201.03	0.40%

PVC PIPE			
Pipe Name	Size	Length	Slope
Pipe 4E	8"	373.79	0.40%
Pipe3E	8"	136.61	0.40%

2

ALL TABLES

SANITARY STRUCTURES
PHASE II
CENTRAL AND WEST AREAS

ESCAMBIA COUNTY FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

REG. FLA. ENG. NO. 43970 | DATE: | SIGNATURE:
DESIGNED BY: GPH | CHECKED BY: GPH | DISTRICT: 2
DRAWN BY: GPH/TAH | PROJECT MANAGER: CHRIS A. CURB | SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W
DATE: JUNE 2023 | FIELDBOOK / PAGES: TC20 / 1-35

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	
2	SANITARY SEWER TOP ELEVATION	7/24/2023	

DRAWING NUMBER 3.03
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 3.03.2

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\3.03 Sanitary Sewer Structures - PH II.dwg, Aug 01, 2023 - 6:11:48AM, gpotter

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PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP) | CHECKER (RP) (Red Pen X-Out to Disagree or Remark) | DATE | REMARK INCORPORATION (Blue Highlighter) | DATE
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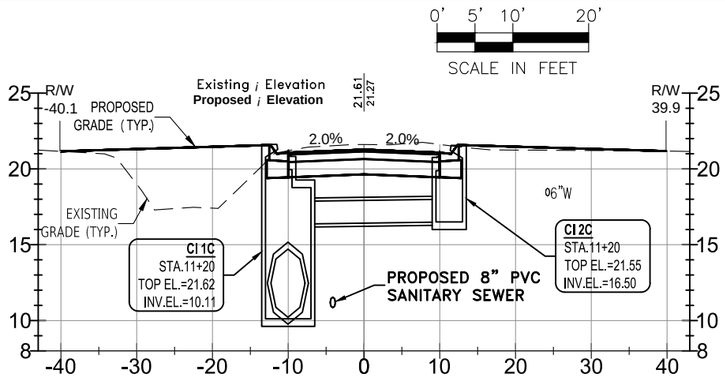

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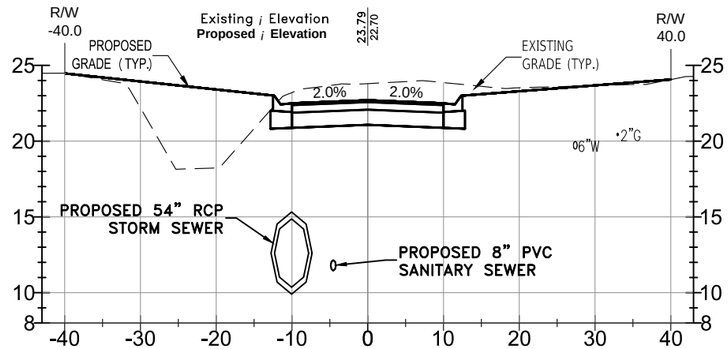

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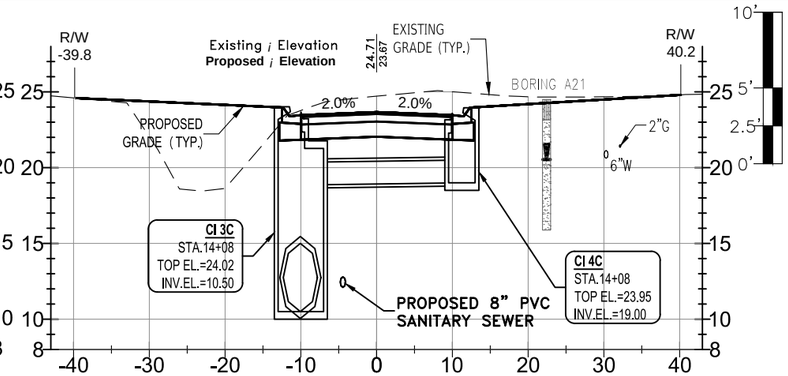

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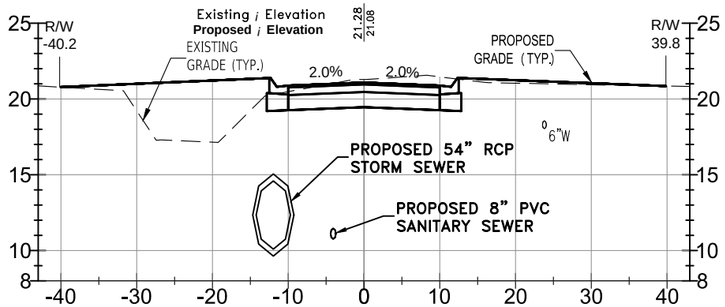

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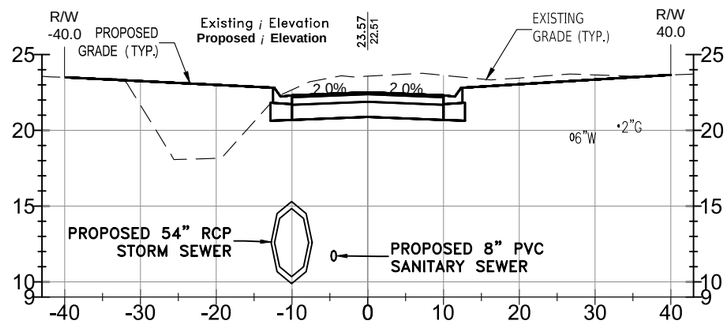

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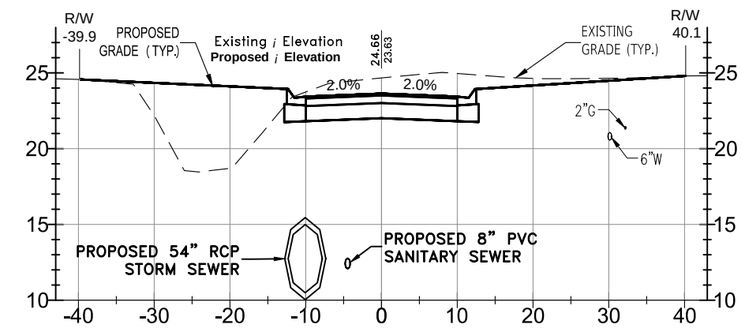

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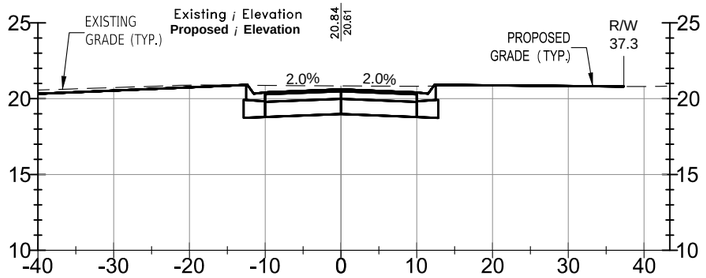

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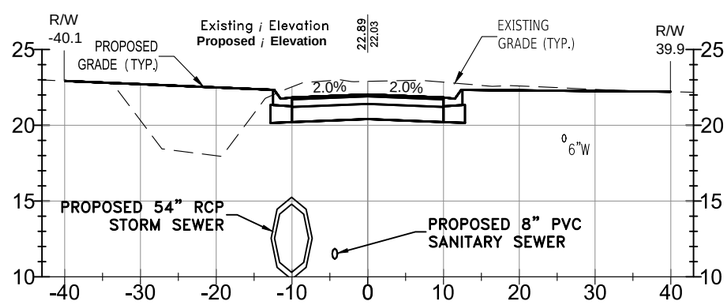

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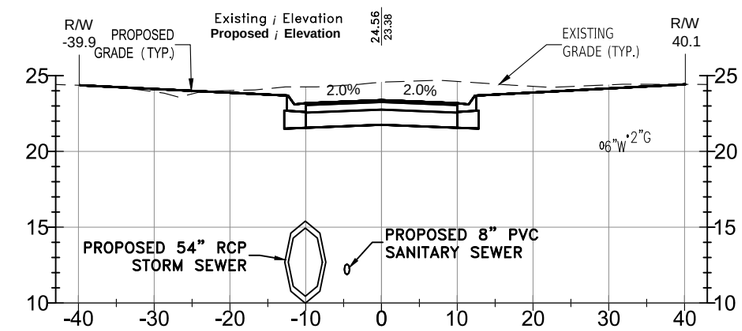

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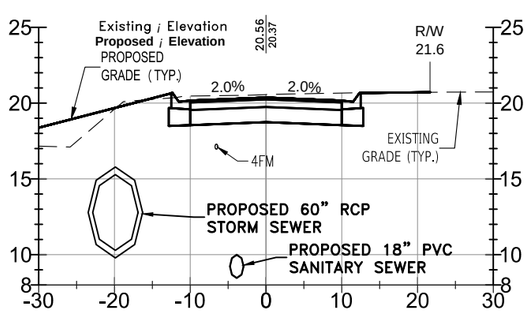

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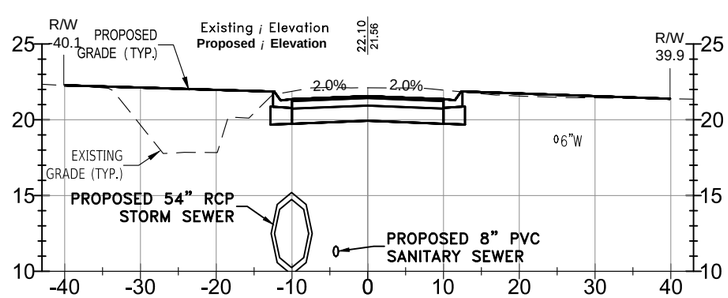

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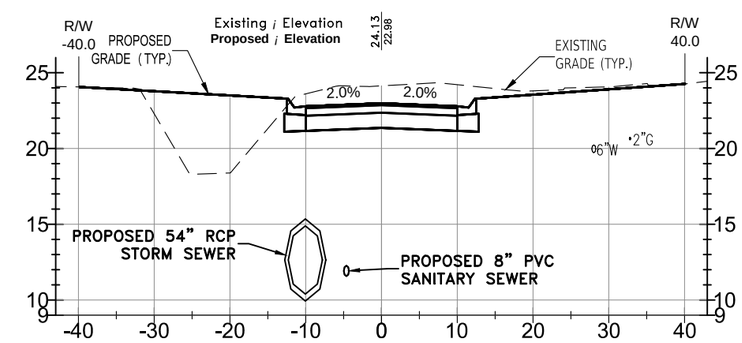

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COLBERT AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 10+25.00 TO STA. 14+07.65

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. P.E. & ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK / PAGES: TCSO / 12-57	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.09
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.09.1

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			CHANGE INCORPORATION (Yellow Highlighter)

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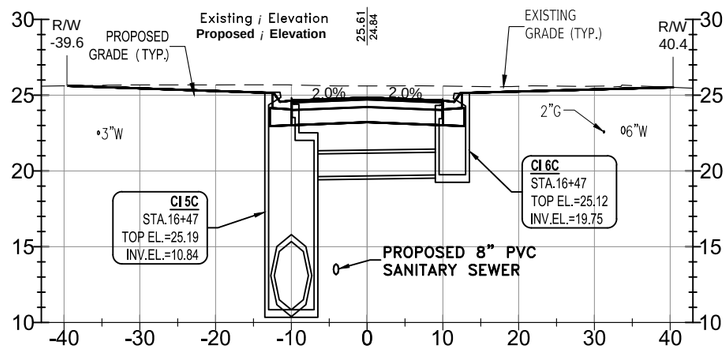
REMARK INCORPORATION (Blue Highlighter)	DATE		DATE



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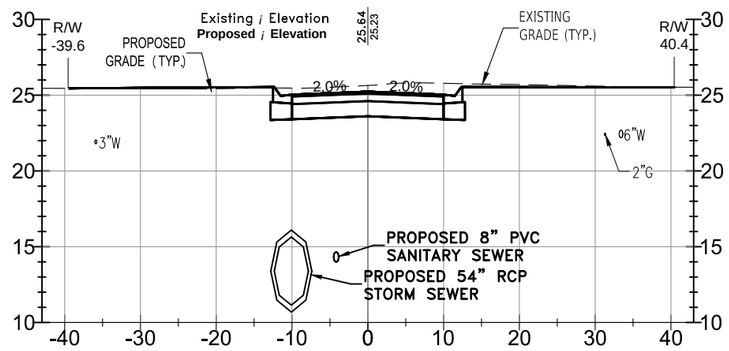

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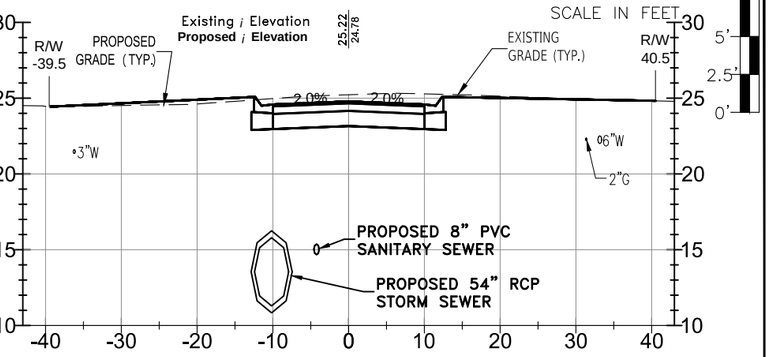

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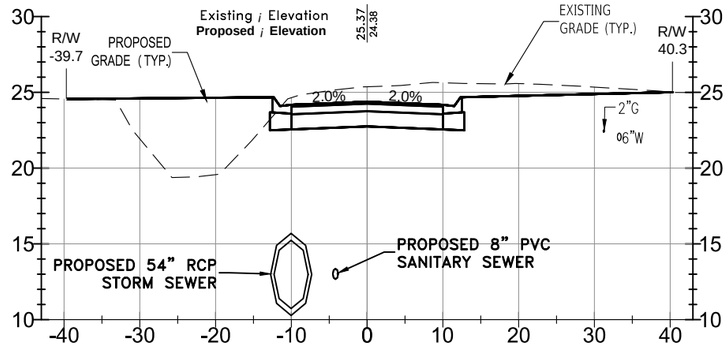

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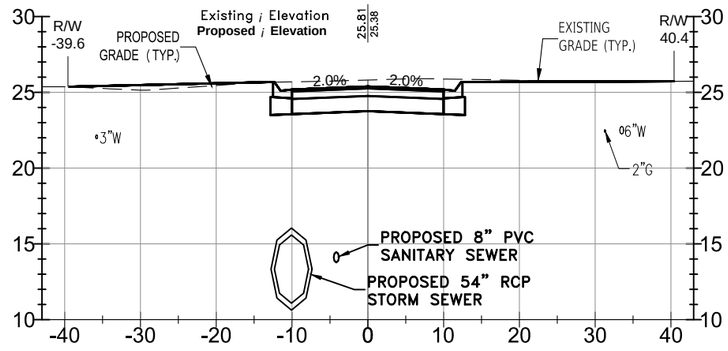

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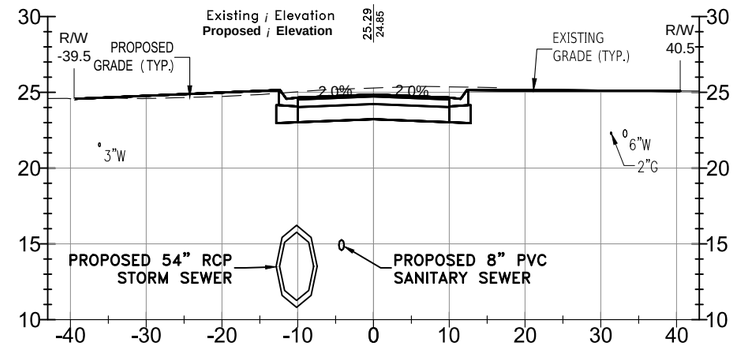

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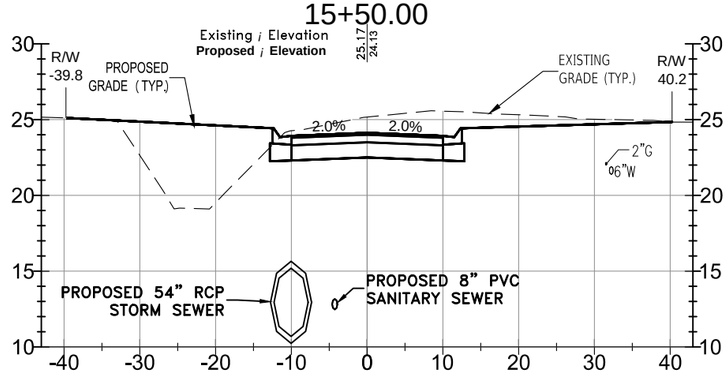

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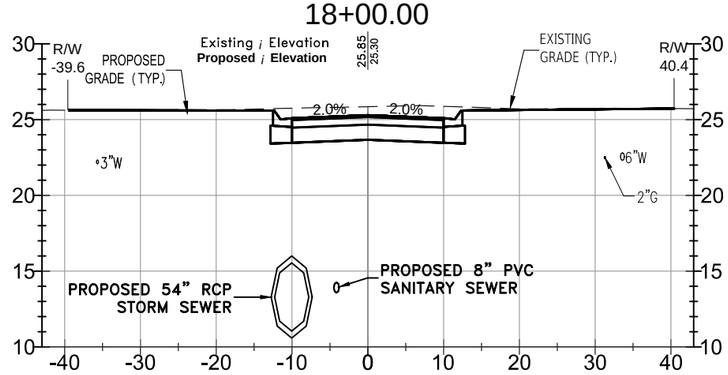

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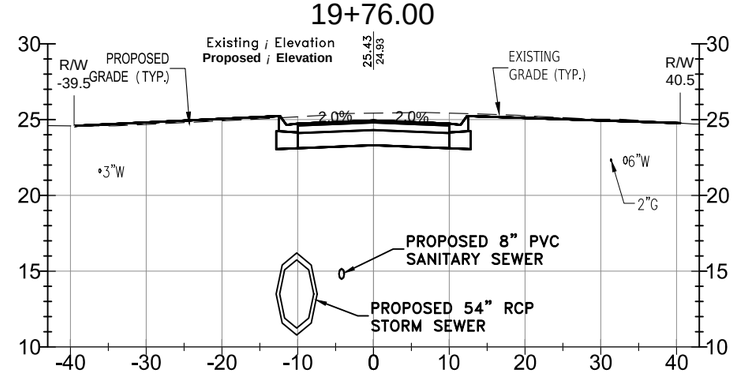

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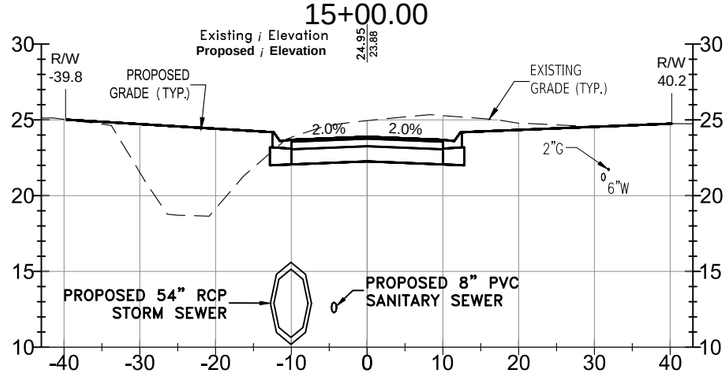

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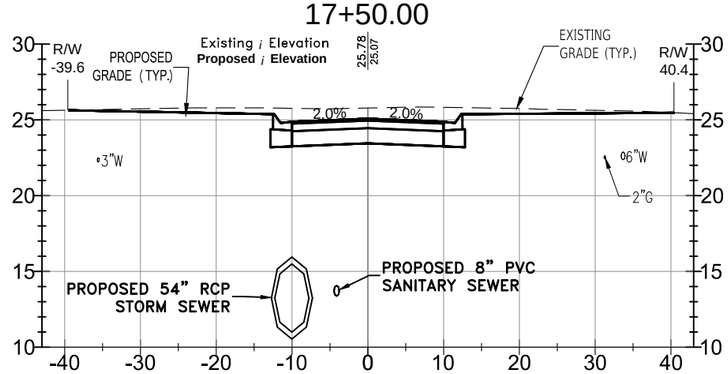

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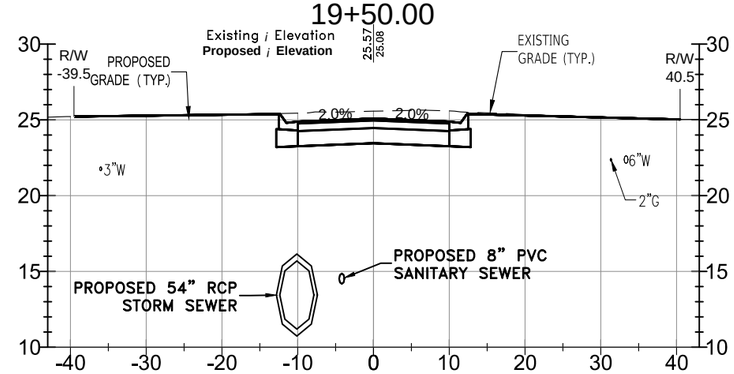

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SCALE IN FEET

COLBERT AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 14+50.00 TO STA. 20+00.00

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO. 43970	DATE:
DRAWN BY: GPH/TAH	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
DATE: MAY 2023		SECTION: TOWNSHIP: RANGE 35-2S-31W	
FIELD BOOK/ PAGE:S TEC:SJ / 1-2-S3			

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 4.09

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 4.09.2

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PHASE ____ REVIEW

SIGNATURE:

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PRODUCTION, CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
		CHANGE INCORPORATION	(Yellow Highlighter)
VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE	
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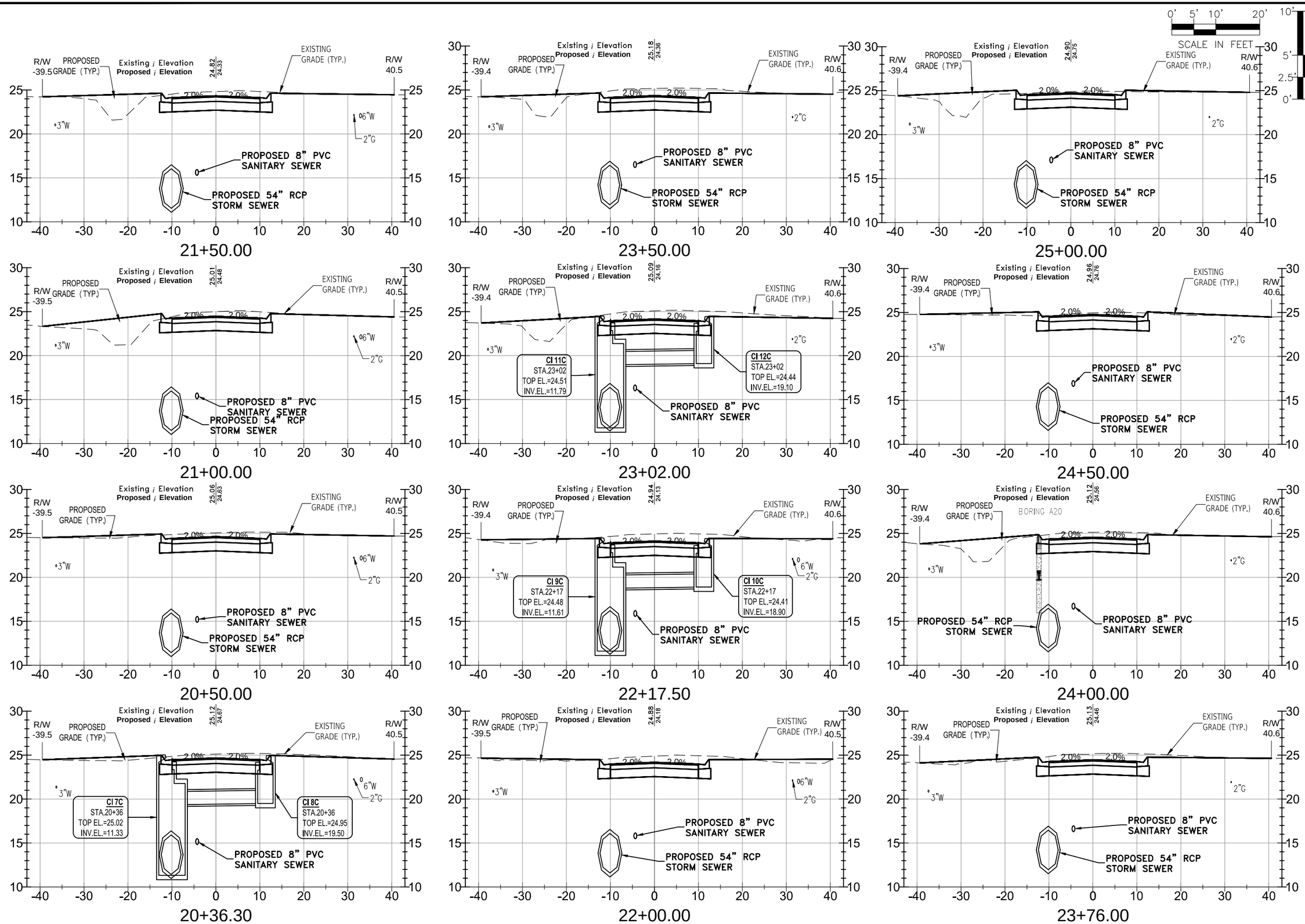

COLBERT AVENUE

PHASE II - CRITICAL CROSS SECTIONS

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ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION

ESCAMBIA COUNTY, FLORIDA

3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK/ PAGES: TEC/SJ / 12-55	SECTION/ TOWNSHIP/ RANGE 35/ 2S/ 31W		SIGNATURE:

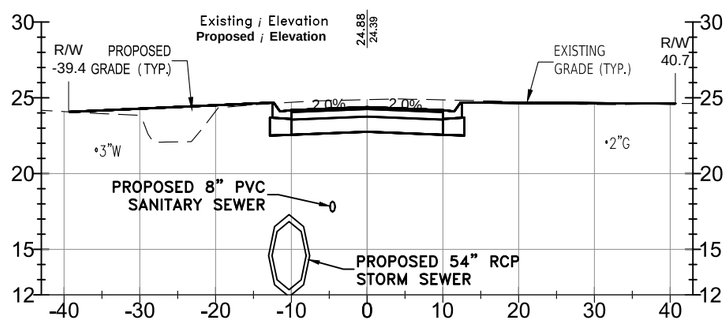
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.09
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.09.3

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.09 Colbert AvenueCS.dwg, May 25, 2023 - 11:02:41AM, gcotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION, CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)		
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)		
CHANGE INCORPORATION	(Yellow Highlighter)		



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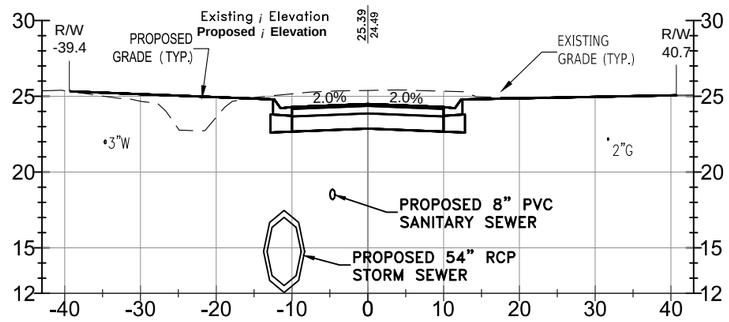

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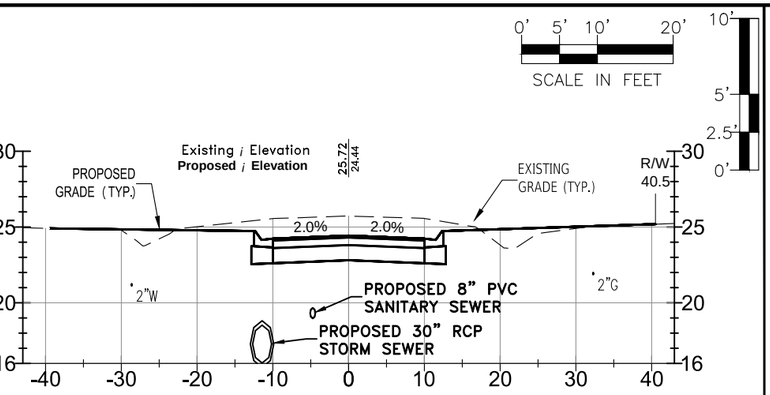

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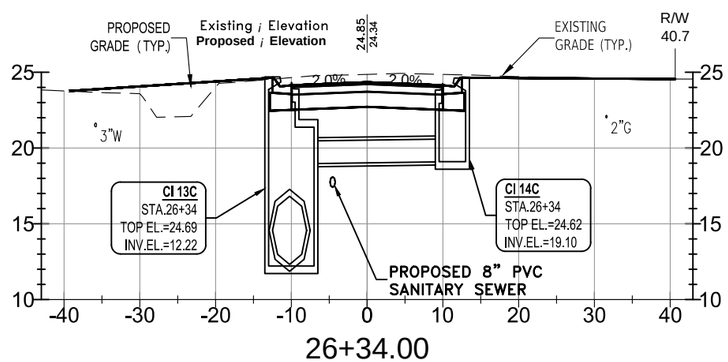

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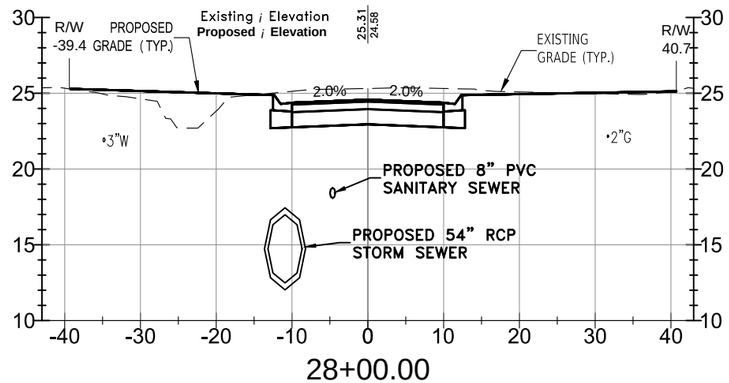

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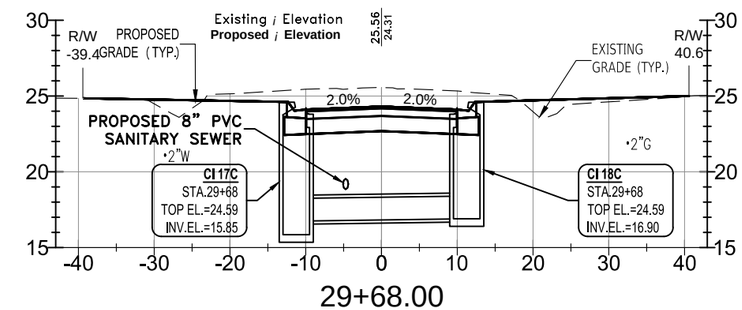

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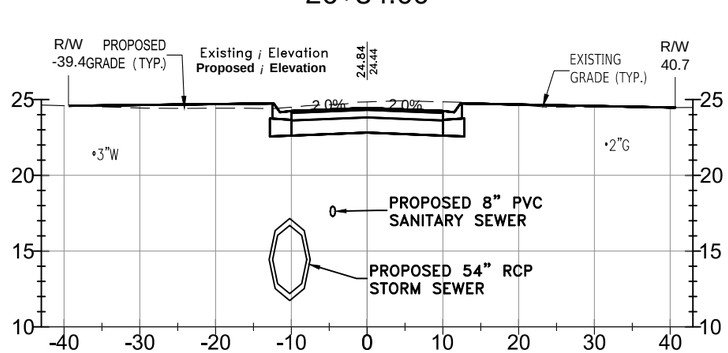

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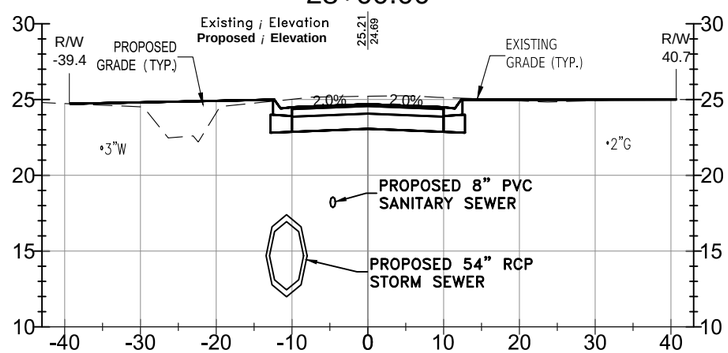

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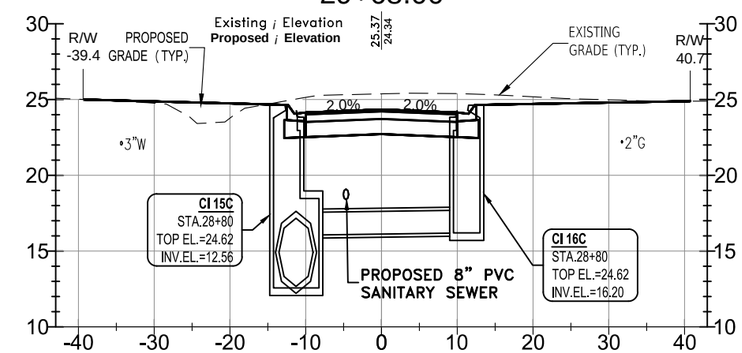

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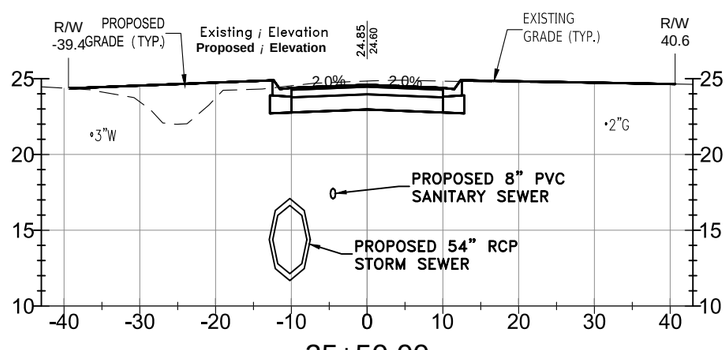

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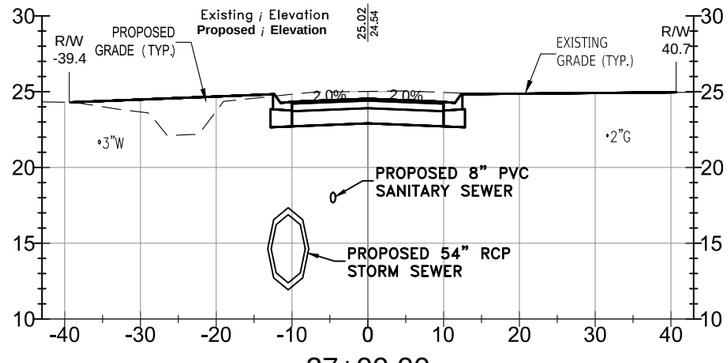

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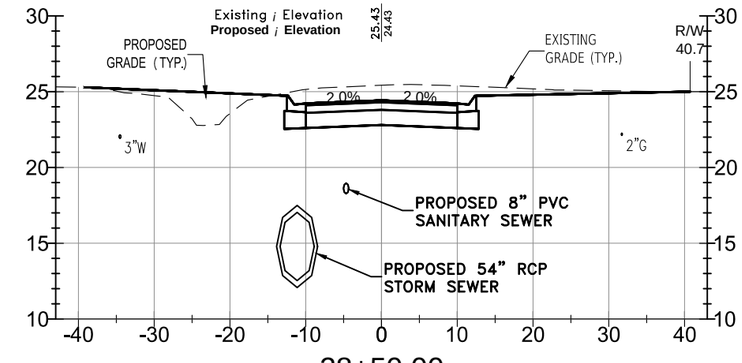

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COLBERT AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 25+50.00 TO STA. 30+50.00

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION

ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	REG. P.E. & ENG. NO.: 43970
DESIGNED BY: GPH	CHECKED BY: GPH
PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2
DATE: MAY 2023	SIGNATURE:
FIELD BOOK / PAGES: TC30 / 1-55	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.09
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.09.4

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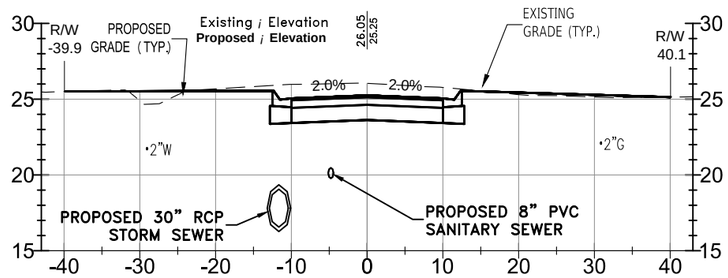
PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE
			CHANGE INCORPORATION	(Yellow Highlighter)	DATE
			VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE
			REMARK INCORPORATION	(Blue Highlighter)	DATE
			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE



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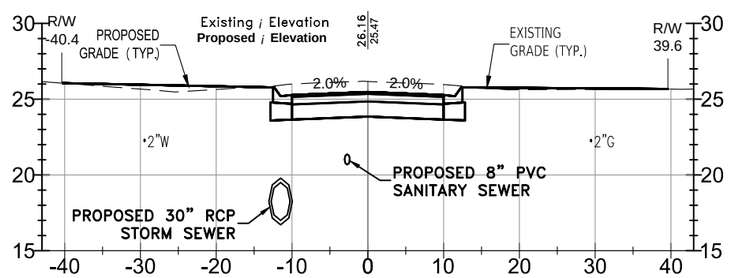

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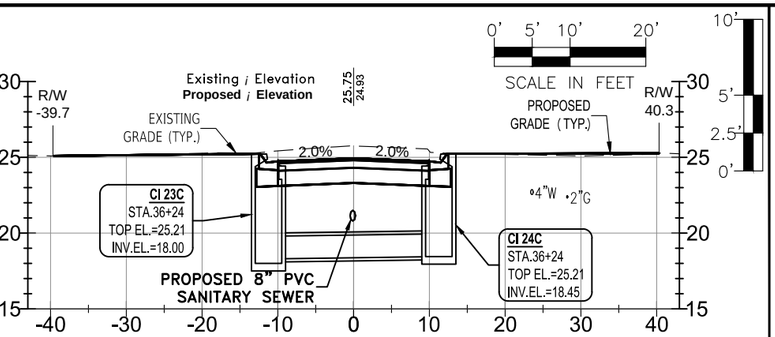

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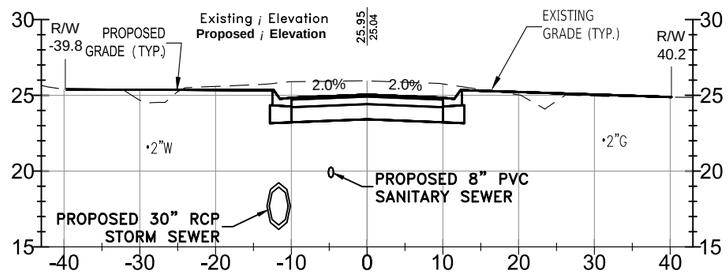

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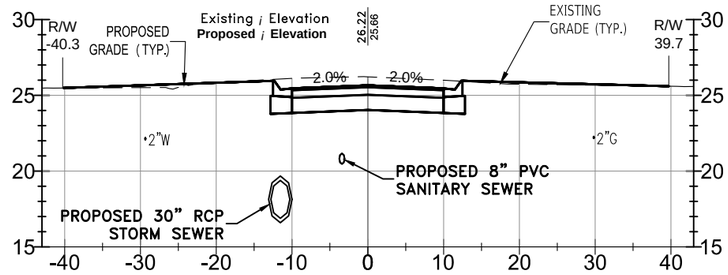

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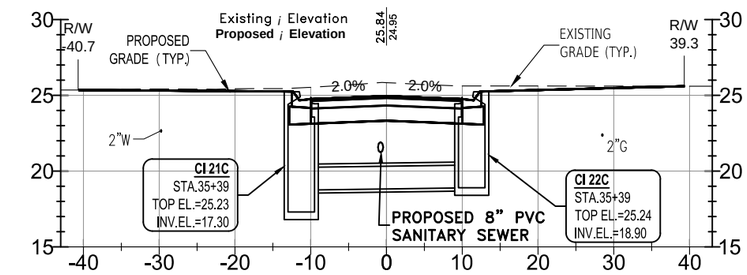

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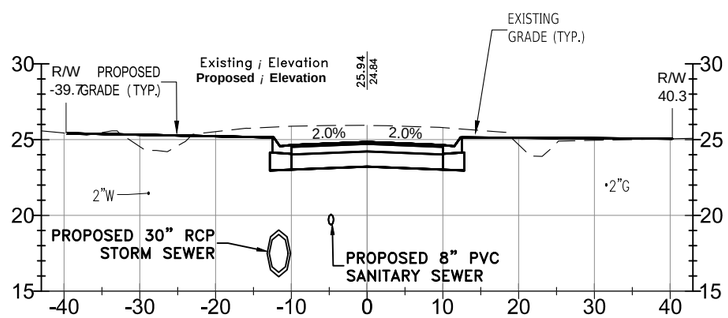

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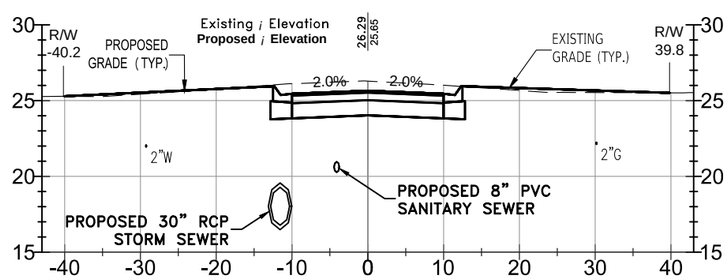

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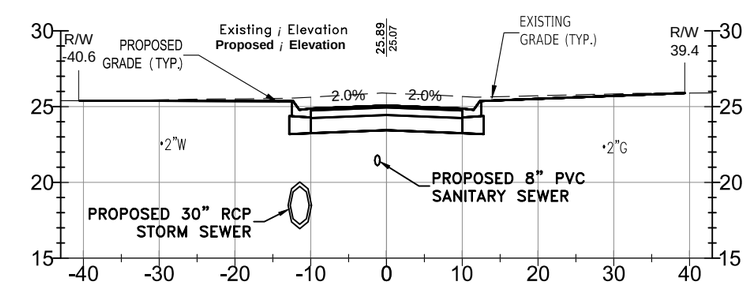

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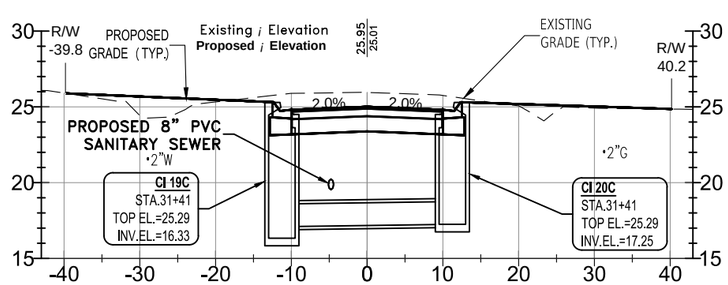

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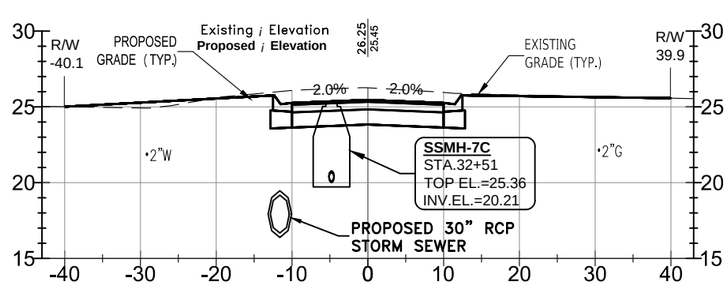

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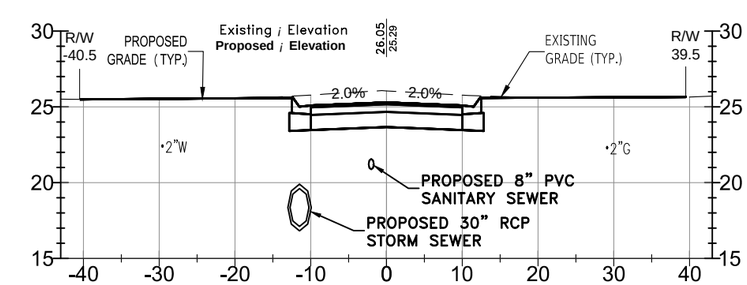


34+50.00

COLBERT AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 31+00.00 TO STA. 36+24.30

ESCAMBIA COUNTY FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
FIELD BOOK / PAGES: TC30 / 12-35	CHECKED BY: GPH
	DISTRICT: 2
	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W
	REG. FLA. ENG. NO. 43970
	SIGNATURE:
	DATE:

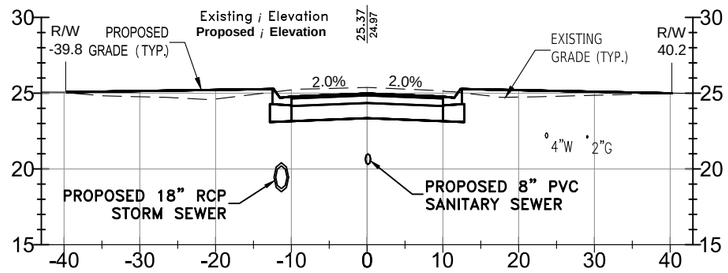
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.09
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.09.5

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.09 Colbert Avenue\C5.dwg, May 25, 2023 – 11:03:22AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GB) Correct (Green Highlighter) Change (Red Pen)
	PRODUCTION CHECKING COMPLETE; READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen, X-Out To Disagree or Remark)
SIGNATURE:			CHANGE INCORPORATION (Yellow Highlighter)

VERIFICATION, CHECKER (GB) (Blue Highlighter)	DATE	DATE
REMARK INCORPORATION (Blue Highlighter)	DATE	DATE
ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE	DATE



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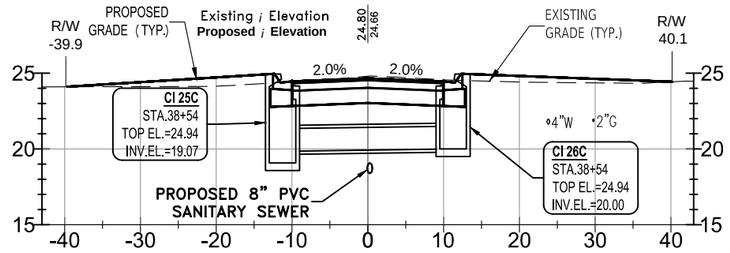

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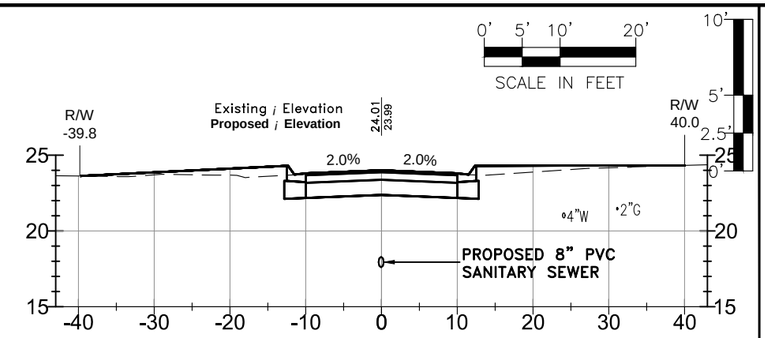

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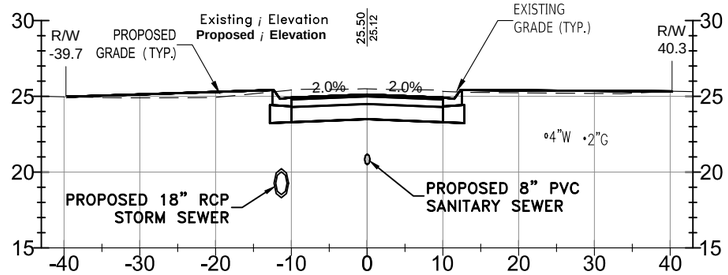

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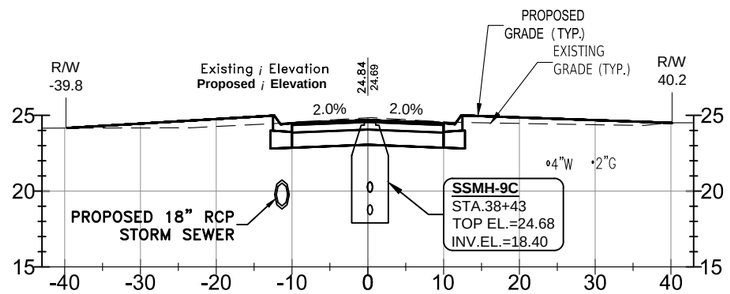

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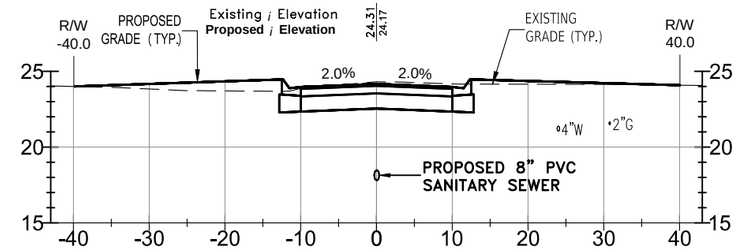

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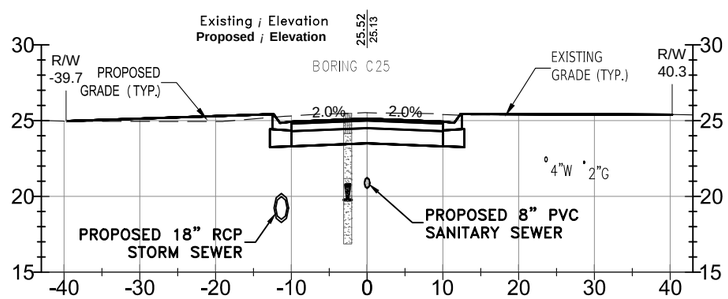

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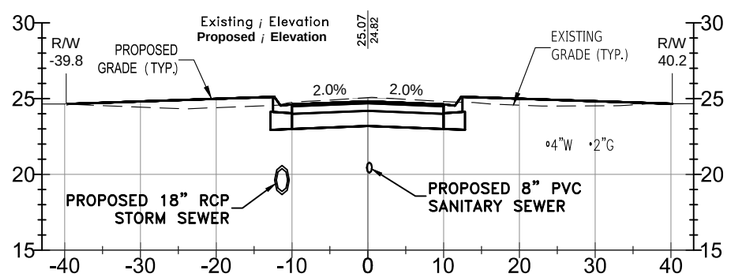

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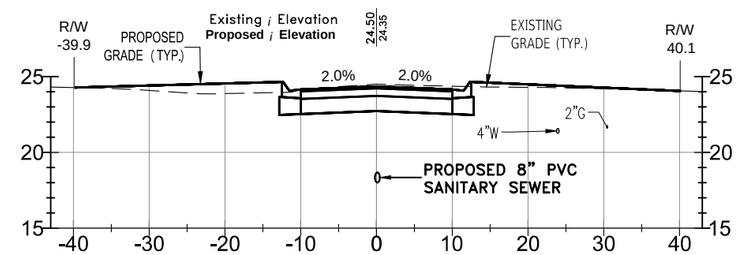

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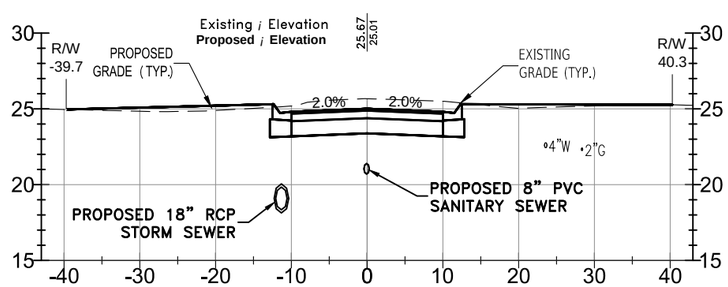

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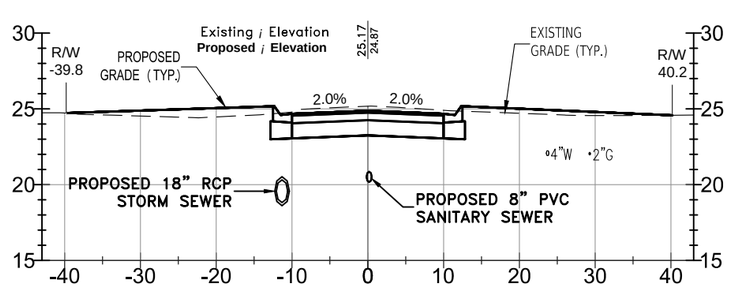

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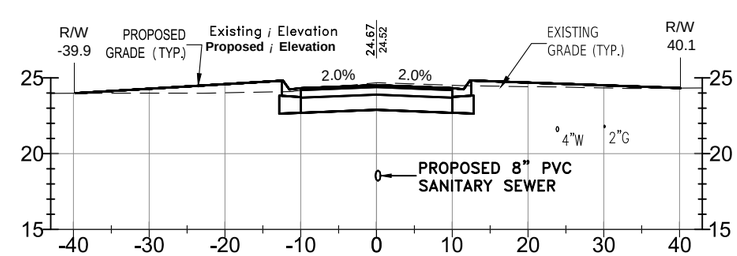

39+00.00

COLBERT AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 36+50.00 TO STA. 40+45.00

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. P.E. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK / PAGE S: TC30 / 12-35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.09
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.09.6

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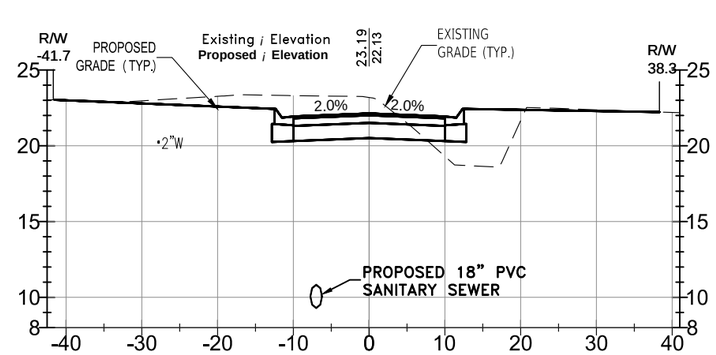
PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QB) Correct (Green Highlighter) Change (Red Pen)
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen, X-Out To Disagree or Remark)
SIGNATURE:			CHANGE INCORPORATION (Yellow Highlighter)

DATE	VERIFICATION, CHECKER (QB) (Blue Highlighter)	DATE	
DATE	REMARK INCORPORATION (Blue Highlighter)	DATE	
DATE	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE	



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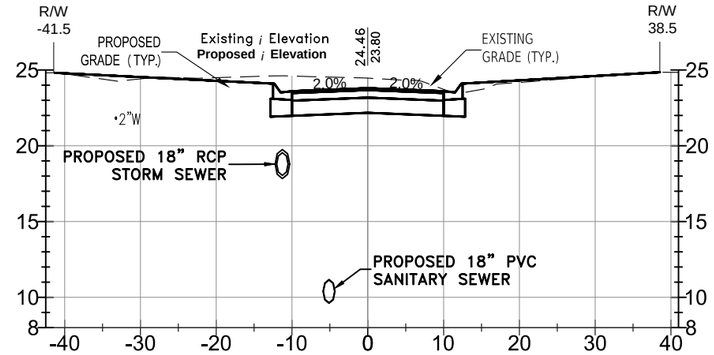

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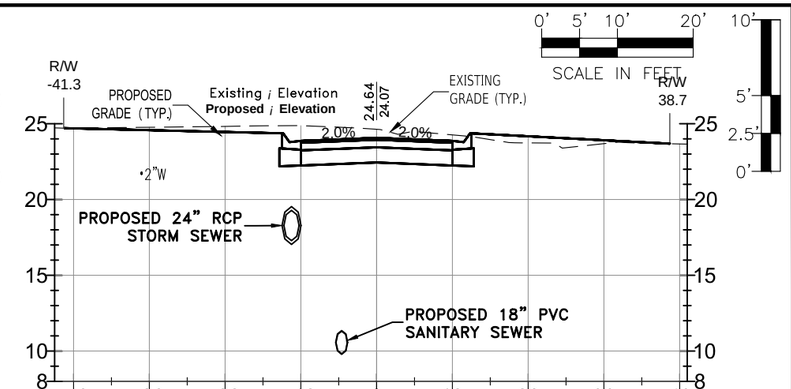

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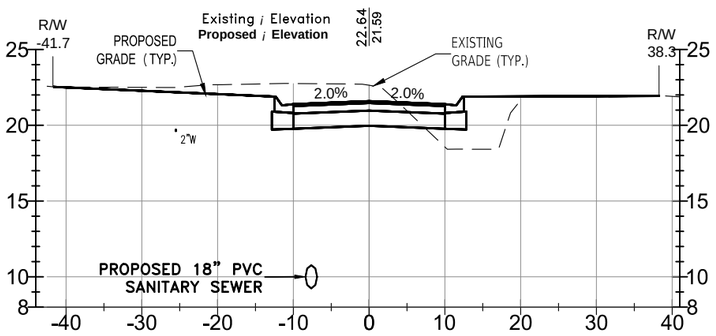

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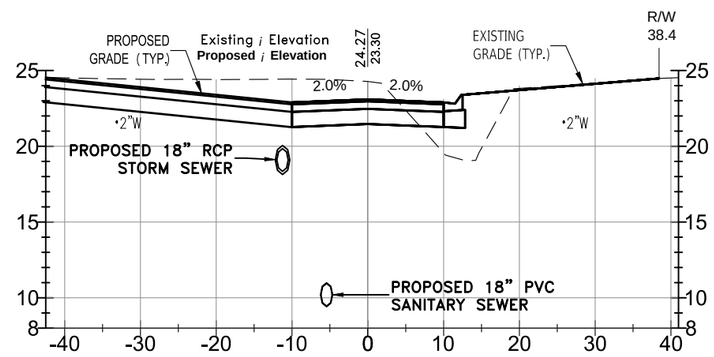

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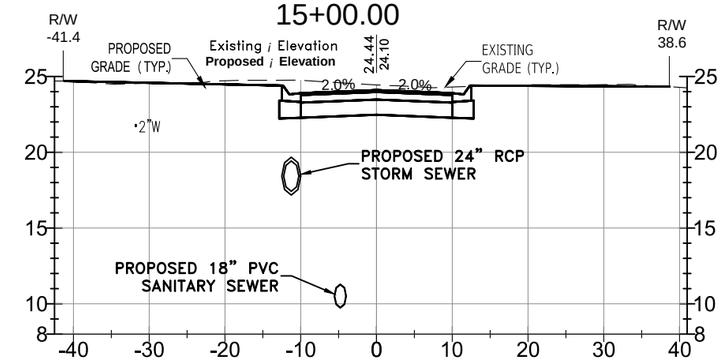

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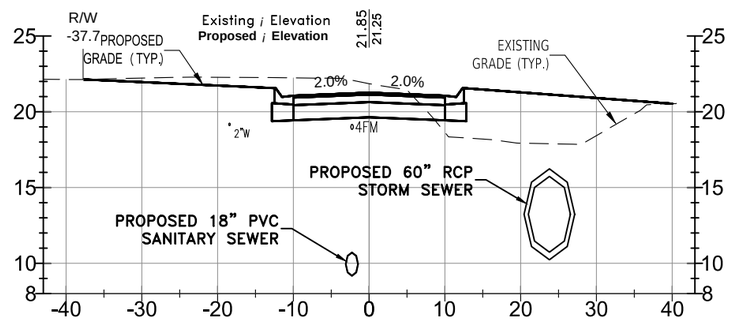

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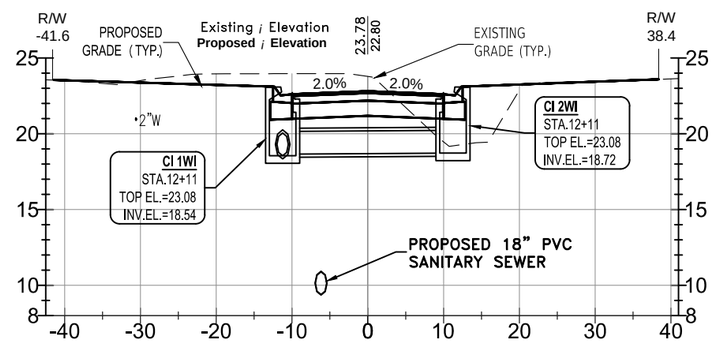

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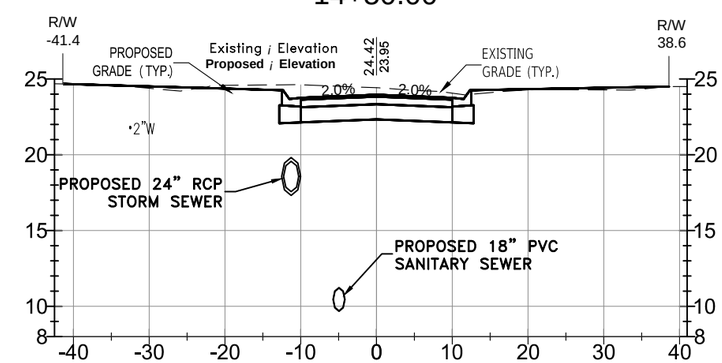

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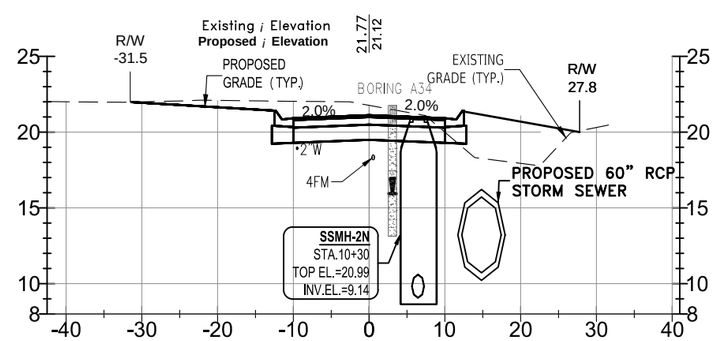

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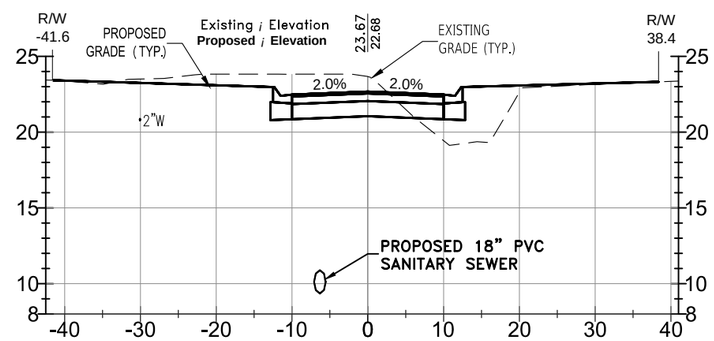

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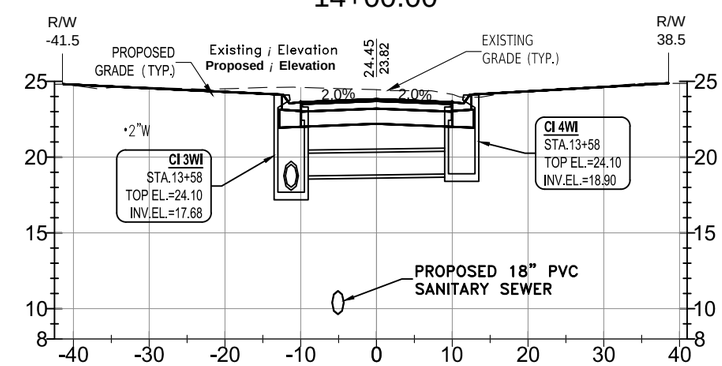


13+58.00

WINTON AVENUE (NORTH ST.)
PHASE II - CRITICAL CROSS SECTIONS
STA. 10+50.00 TO STA. 15+00.00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

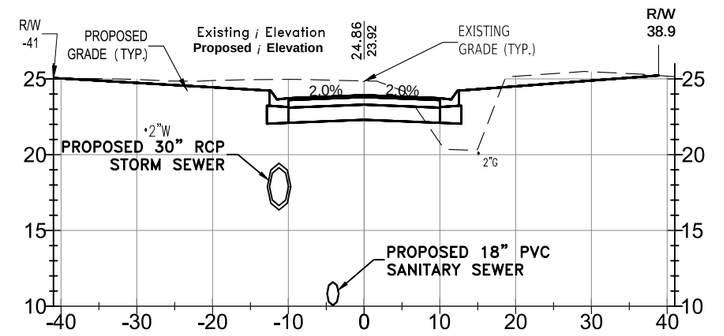
DRAWN BY: GPH/TAH	CHECKED BY: GPH
DESIGNED BY: GPH	DISTRICT: 2
PROJECT MANAGER: CHRIS A. CURB	REG. P.E. & ENG. NO.: 43970
DATE: MAY 2023	SIGNATURE:
FIELD BOOK / PAGES: TC30 / 1-55	SECTION / TOWNSHIP / RANGE: 33 / 2-S / 31-W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 4.10
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 4.10.1

F:\projects\2012\120016 Beach Haven\2ADD\Working Files\02 Plans\PHASE II\4.10 Winton AvenueCS.dwg, May 25, 2023 - 11:04:31AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen, X-Out to Disagree or Remark)
			CHANGE INCORPORATION (Yellow Highlighter)
			ORIGINATOR VERIFICATION Correct (Pink Highlighter)
			REMARK INCORPORATION (Blue Highlighter)
			VERIFICATION, CHECKER (QR) (Blue Highlighter)



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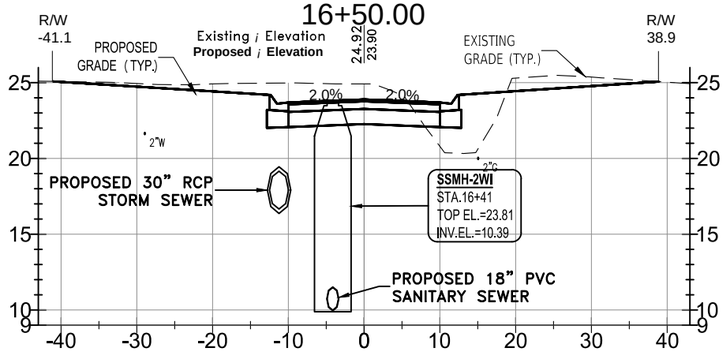

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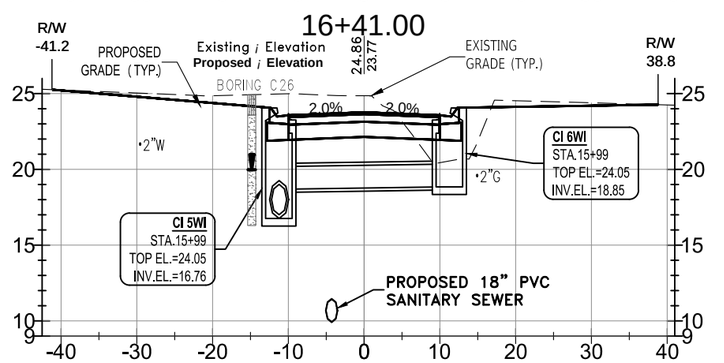

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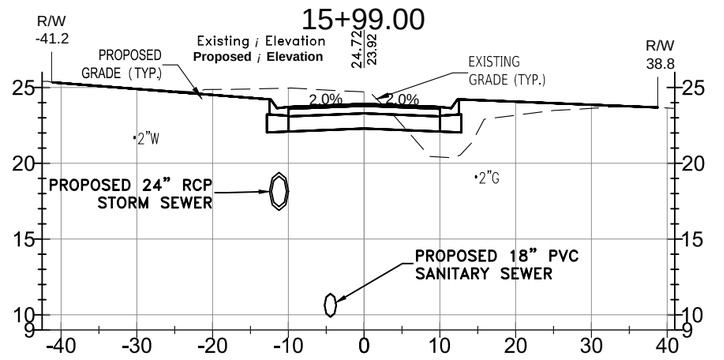

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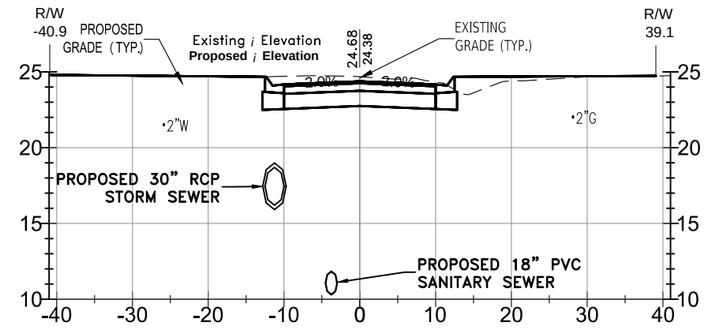

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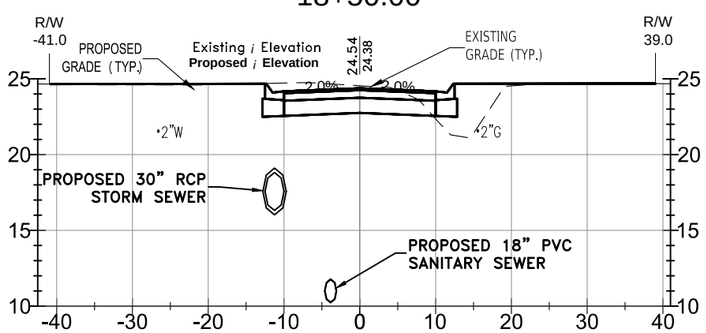

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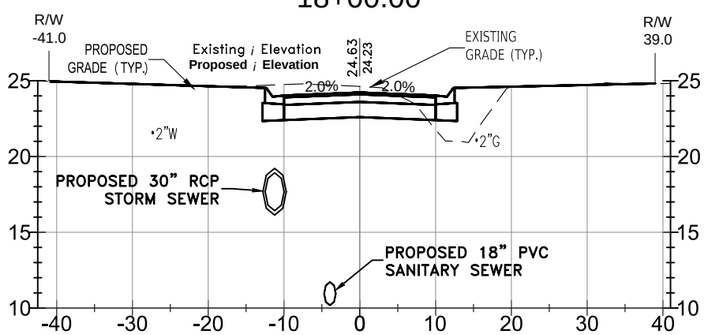

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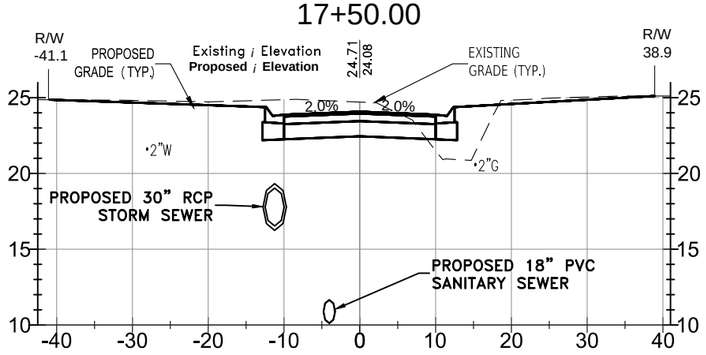

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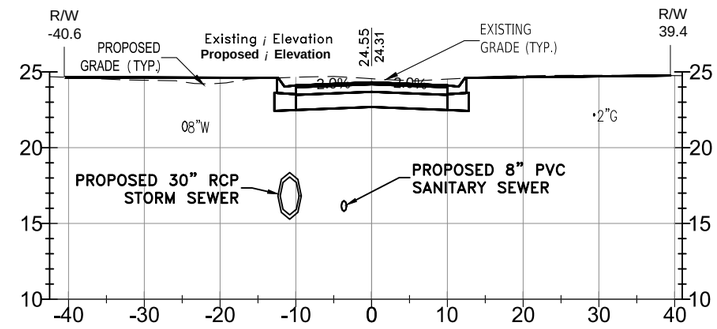

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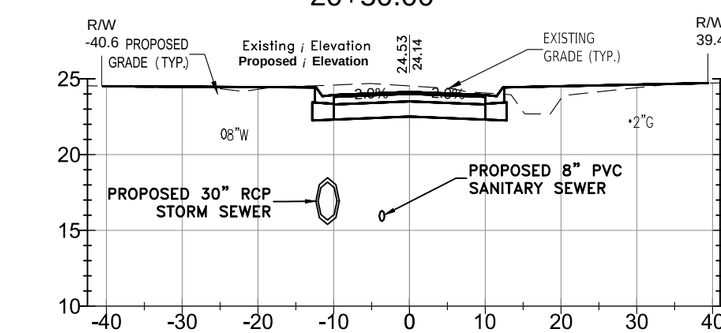

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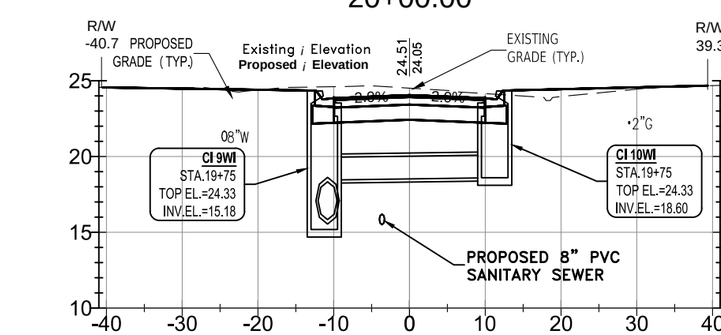

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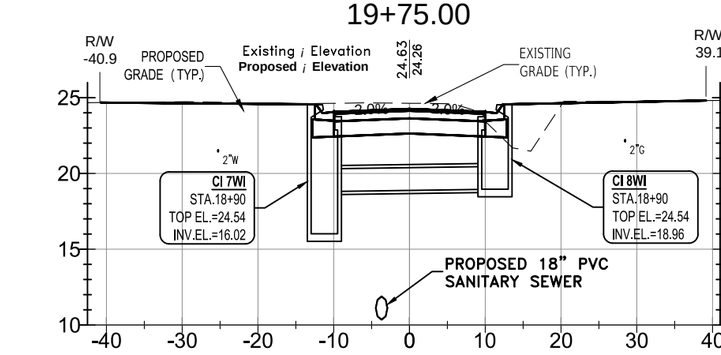


18+90.00

0' 5' 10' 20' 10'
SCALE IN FEET
5'
2.5'
0'

WINTON AVENUE (NORTH ST.)
PHASE II - CRITICAL CROSS SECTIONS
STA. 15+50.00 TO STA. 20+50.00

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

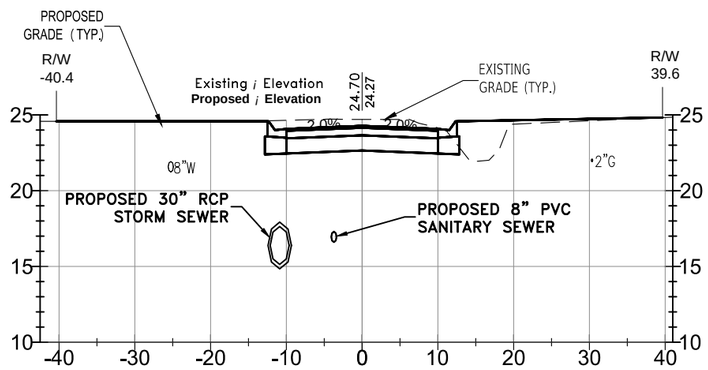
DRAWN BY: GPH/TAH	CHECKED BY: GPH
DESIGNED BY: GPH	DISTRICT: 2
PROJECT MANAGER: CHRIS A. CURB	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	SECTION/ TOWNSHIP/ RANGE 35-2-S/ 31-W
FIELD BOOK/ PAGES: TCSO 1-55	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 4.10
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 4.10.2

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.10 Winton AvenueS.dwg, May 25, 2023 – 11:04:51AM, gpotter

PHASE ____ REVIEW	DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)
		ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)
		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
SIGNATURE:		CHANGE INCORPORATION	(Yellow Highlighter)
	DATE	VERIFICATION, CHECKER (QR)	(Blue Highlighter)
		REMARK INCORPORATION	(Blue Highlighter)
	DATE	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)



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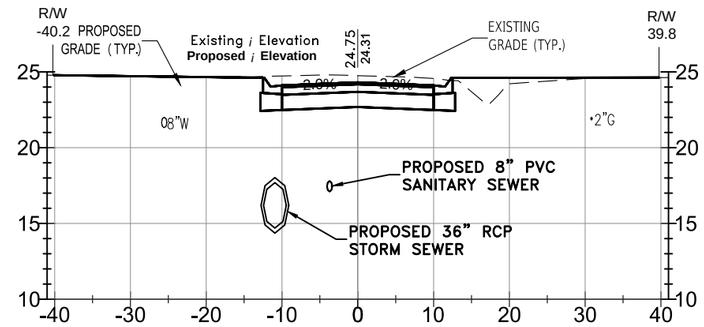

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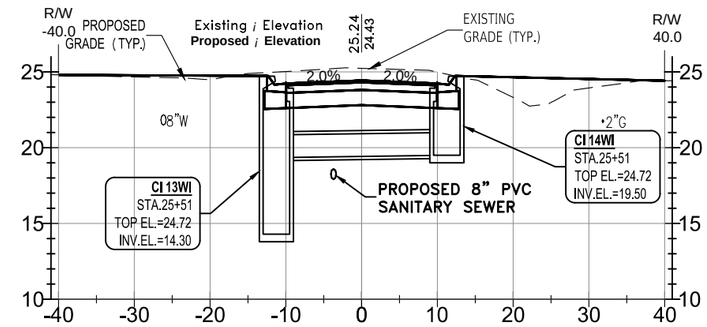

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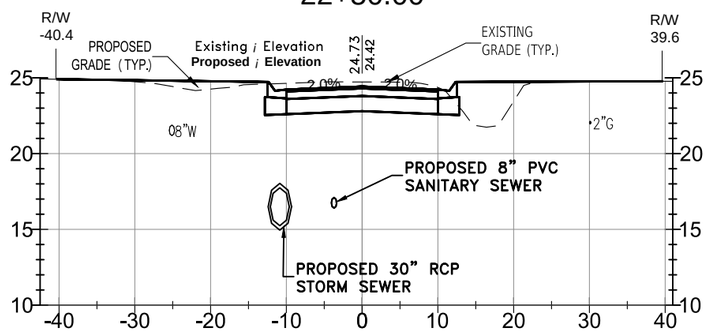

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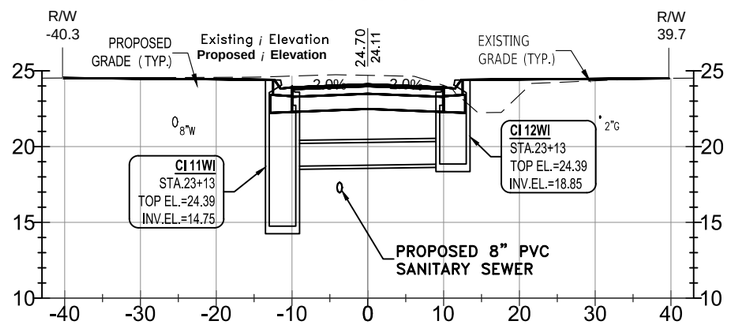

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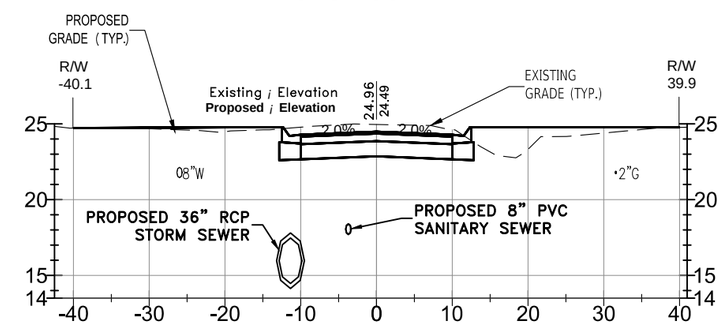

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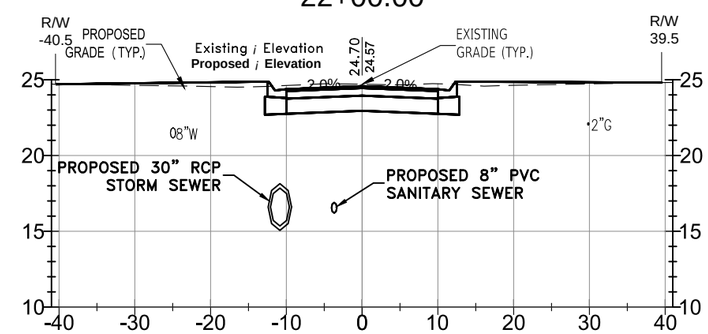

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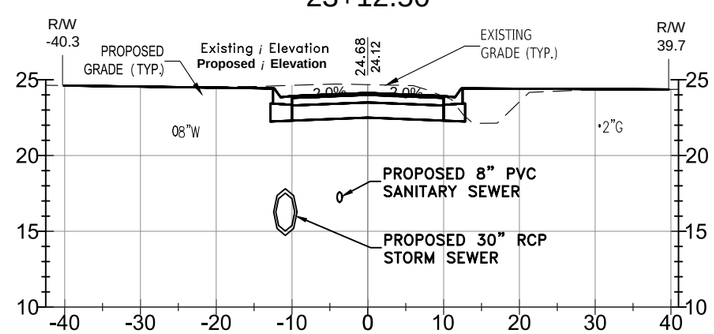

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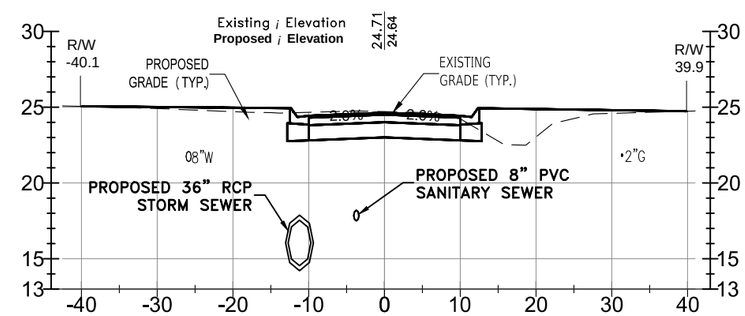

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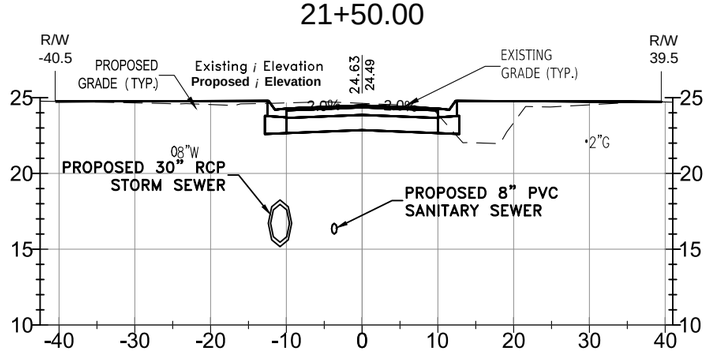

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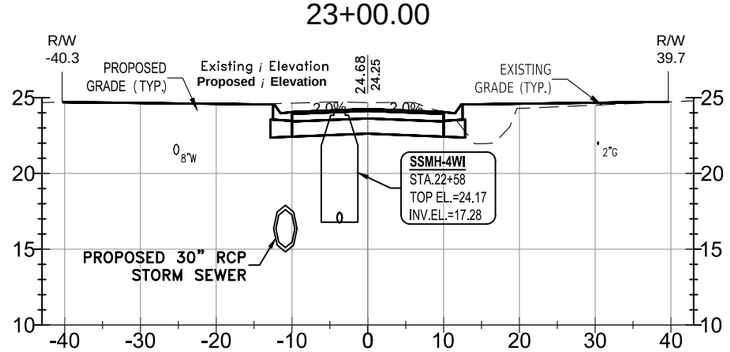

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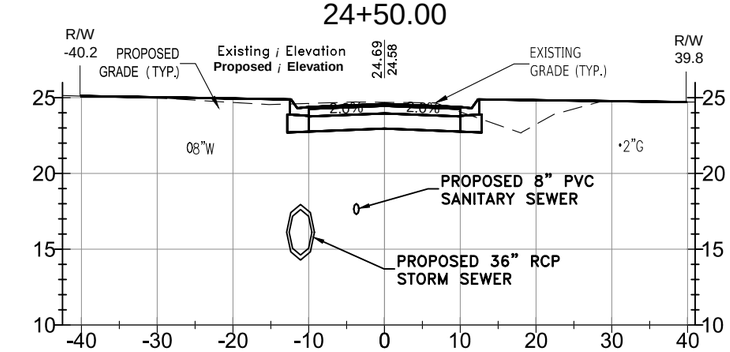


24+00.00

0' 5' 10' 20'
SCALE IN FEET
10' 5' 2.5' 0'

WINTON AVENUE (NORTH ST.)
PHASE II - CRITICAL CROSS SECTIONS
STA. 21+00.00 TO STA. 25+51.23

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH
DESIGNED BY: GPH
CHECKED BY: GPH
PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 2
SECTION/ TOWNSHIP/ RANGE: 35-2S-31W
DATE: MAY 2023
FIELD BOOK/ PAGES: TC30/ 1-55
REG. FLA. ENG. NO. 43970
DATE:
SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

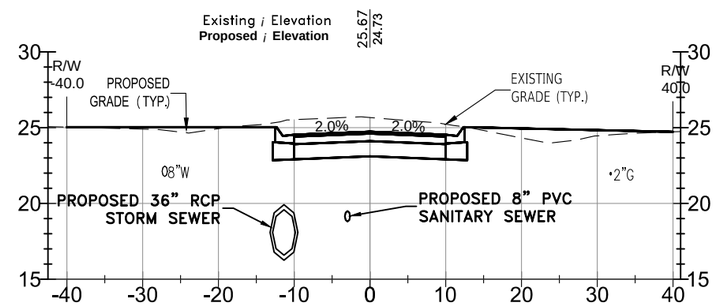
DRAWING NUMBER 4.10
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 4.10.3

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.10 Winton AvenueS.dwg, May 25, 2023 – 11:05:08AM, gpotter

PHASE ____ REVIEW
SIGNATURE:

		DATE
ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	
CHANGE INCORPORATION	(Yellow Highlighter)	
VERIFICATION, CHECKER (GR)	(Blue Highlighter)	
REMARK INCORPORATION	(Blue Highlighter)	
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	

DATE ORIGINATOR (RP) PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)



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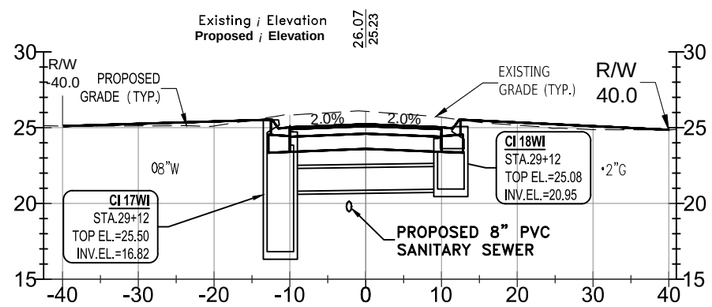

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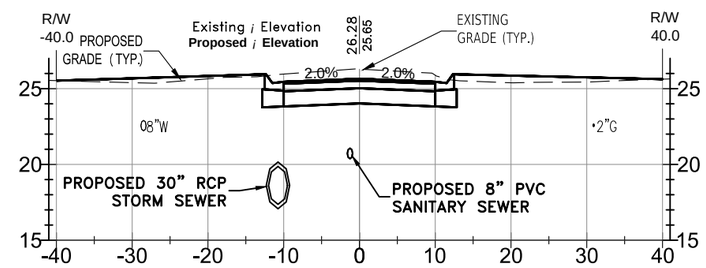

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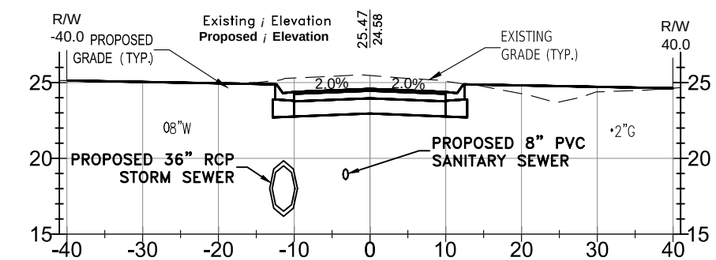

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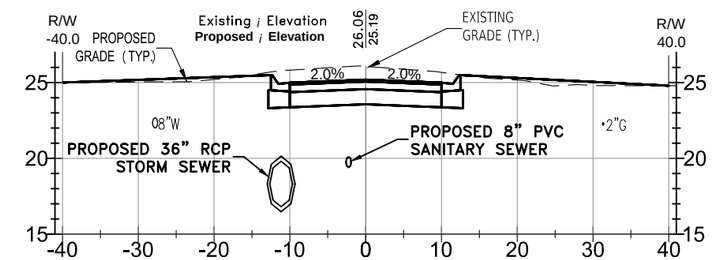

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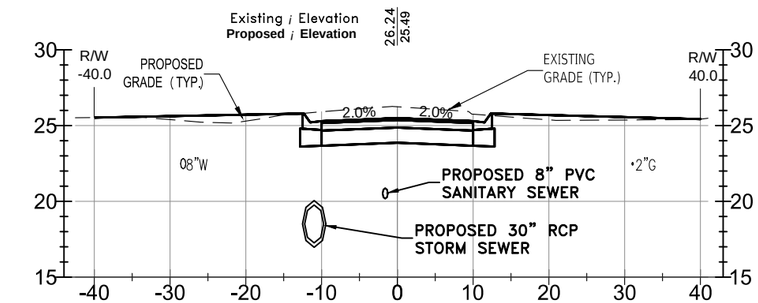

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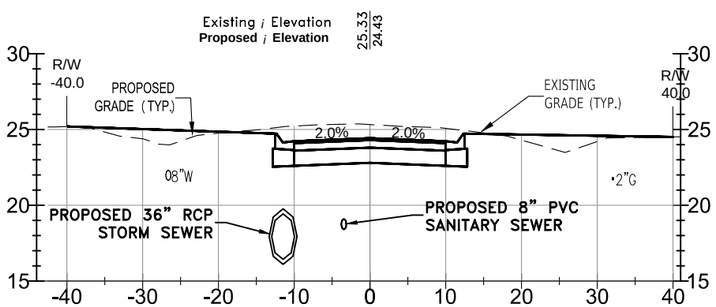

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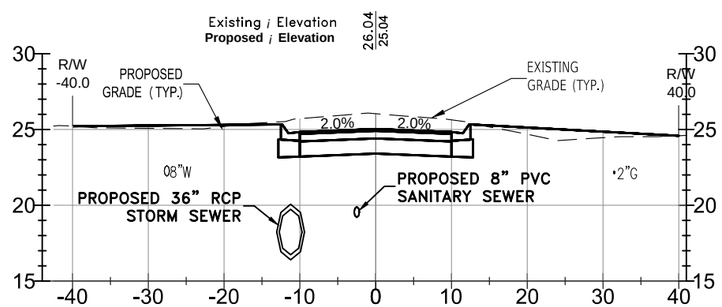

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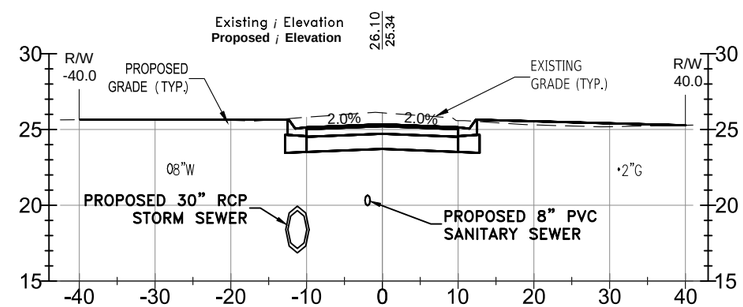

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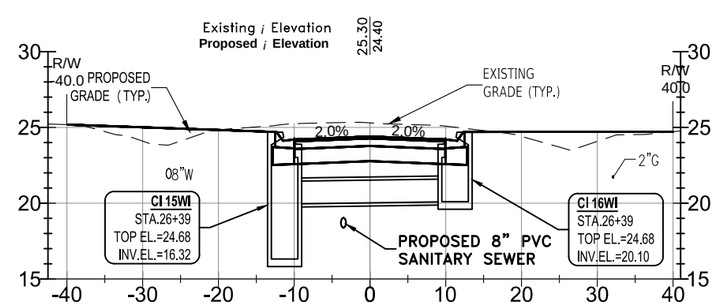

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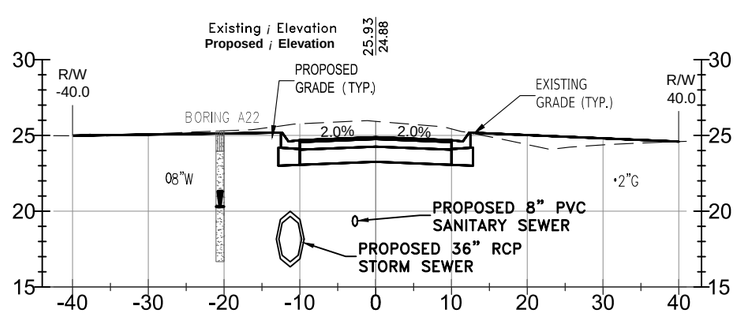

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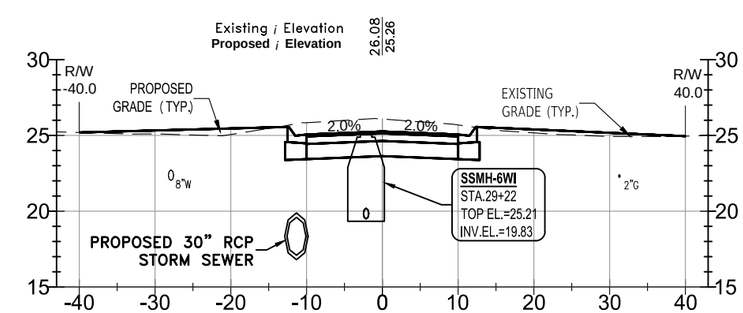

29+22.00

0' 5' 10' 20' 10'
SCALE IN FEET
5'
2.5'
0'

WINTON AVENUE (NORTH ST.)
PHASE II - CRITICAL CROSS SECTIONS
STA. 26+39.25 TO STA. 30+50.00

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. P.E. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
FIELD BOOK/PAGE/S: TEC90 / 2-5-5	SECTION/TOWNSHIP/RANGE: 35 / 2-S / 31-W		DATE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.10
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.10.4

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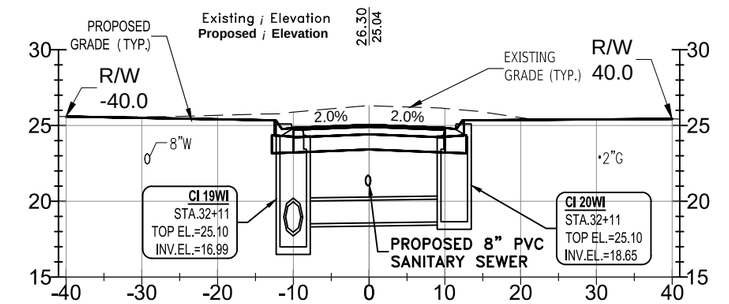
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GB) Correct (Green Highlighter) Change (Red Pen)
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen, X-Out To Disagree or Remark)
SIGNATURE:			CHANGE INCORPORATION (Yellow Highlighter)

DATE	VERIFICATION, CHECKER (GB) (Blue Highlighter)	DATE	
DATE	REMARK INCORPORATION (Blue Highlighter)	DATE	
DATE	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE	



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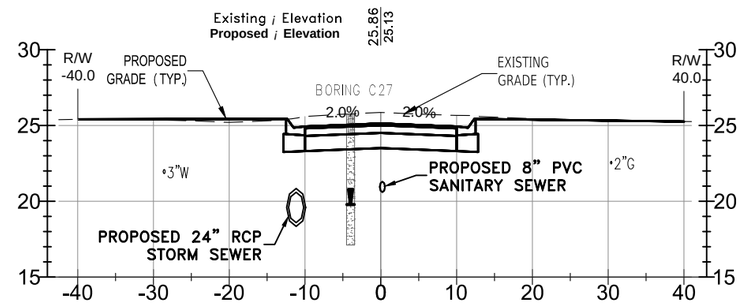

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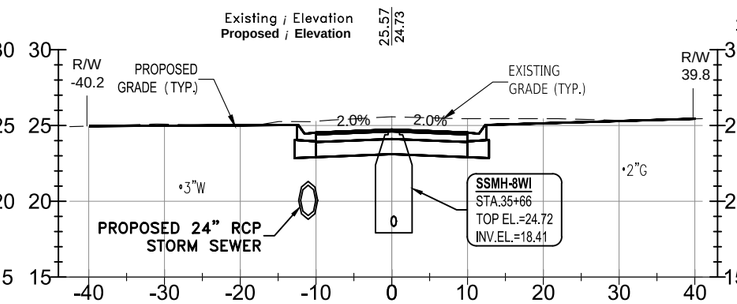

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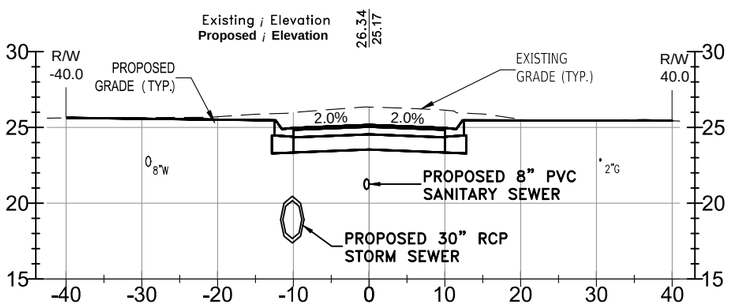

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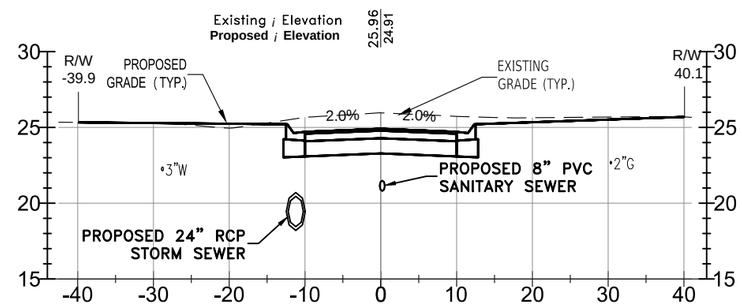

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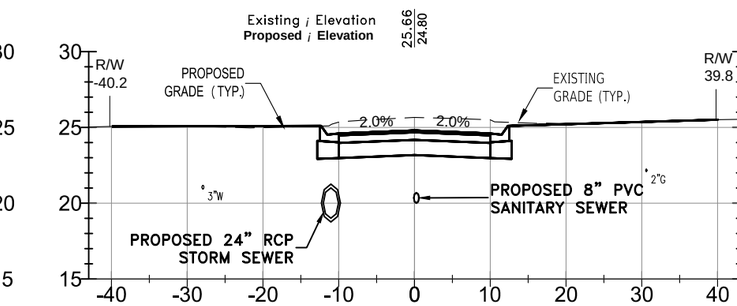

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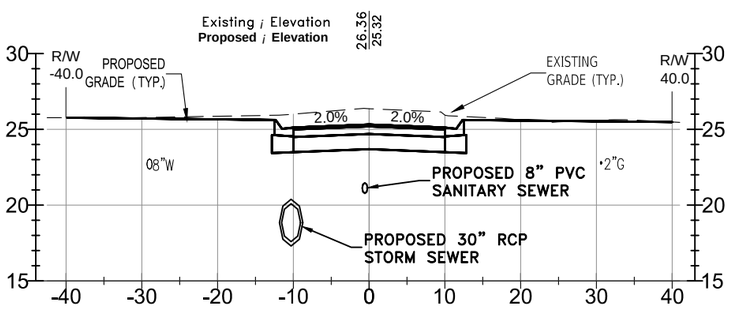

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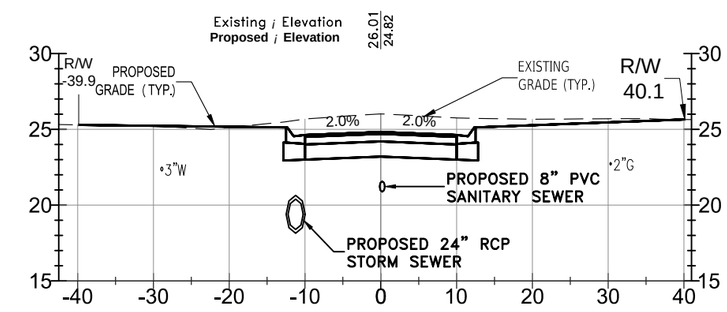

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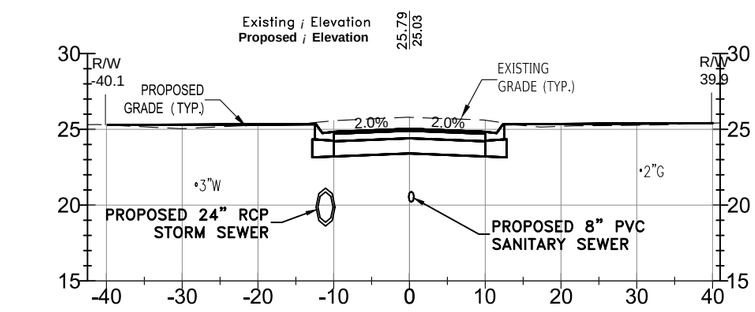

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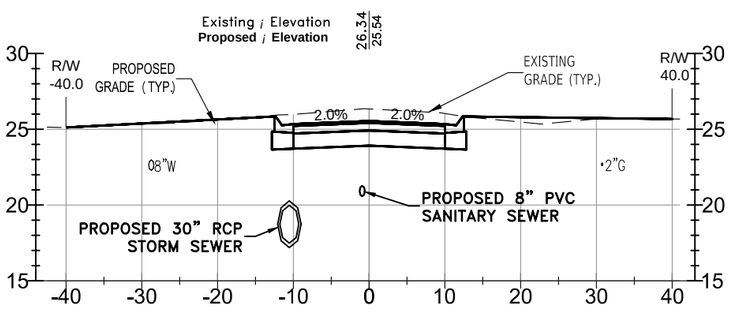

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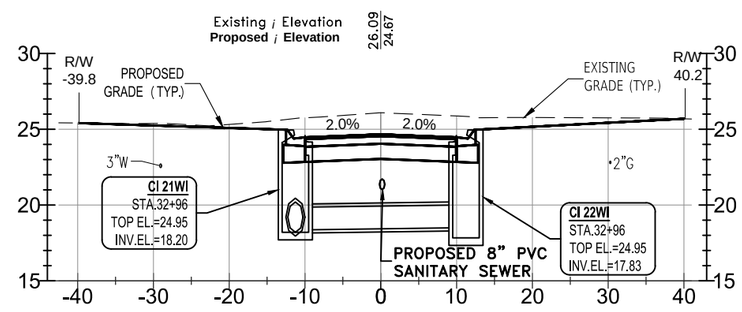

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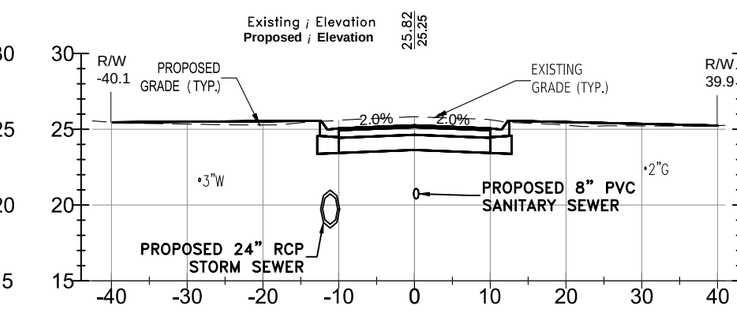


34+50.00

SCALE IN FEET

WINTON AVENUE (NORTH ST.)
PHASE II - CRITICAL CROSS SECTIONS
STA. 31+00.00 TO STA. 35+74.37

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH
DATE: MAY 2023
FIELD BOOK / PAGES: TC30 / 2-53
DESIGNED BY: GPH
PROJECT MANAGER: CHRIS A. CURB
CHECKED BY: GPH
DISTRICT: 2
REG. P.E. & ENG. NO. 43970
SIGNATURE:
SECTION / TOWNSHIP / RANGE 35 - 2S - 31W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

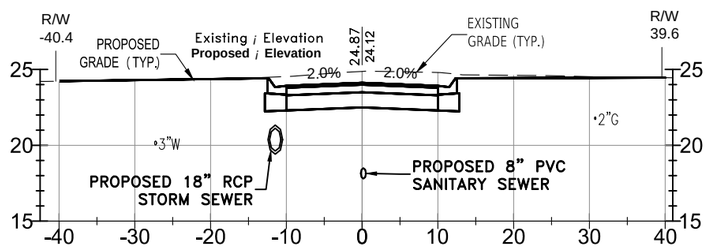
DRAWING NUMBER 4.10
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 4.10.5

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.10 Winton AvenueCS.dwg, May 25, 2023 - 11:05:46AM, gpotter

PHASE ____ REVIEW
SIGNATURE:

		DATE
ORIGINATOR (RP)		
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		
VERIFICATION, CHECKER (QR) (Blue Highlighter)		
REMARK INCORPORATION (Blue Highlighter)		
ORIGINATOR VERIFICATION Correct (Pink Highlighter)		

		DATE
ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)		
CHECKER (RP) (Red Pen, X-Out to Disagree or Remark)		
CHANGE INCORPORATION (Yellow Highlighter)		



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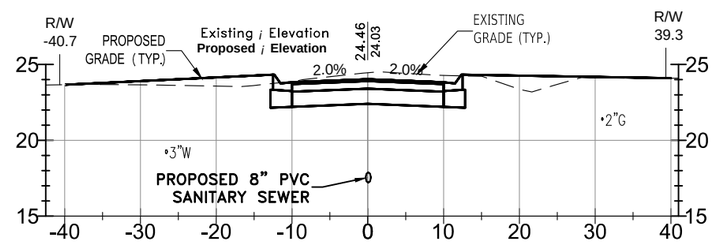

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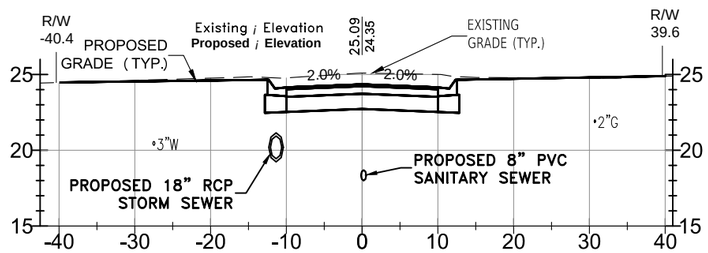

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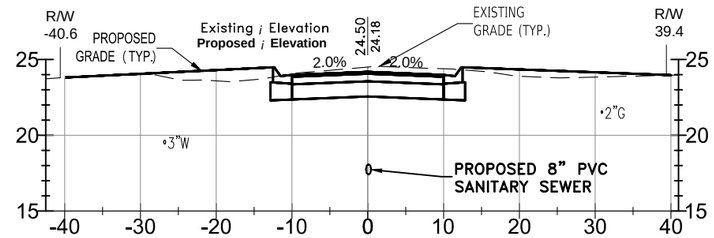

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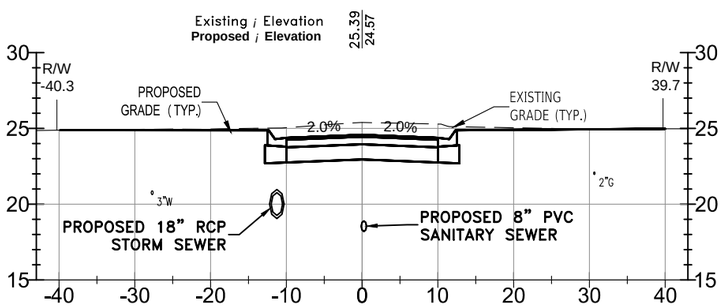

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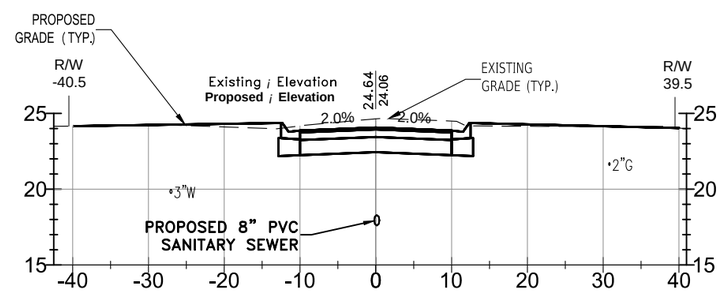

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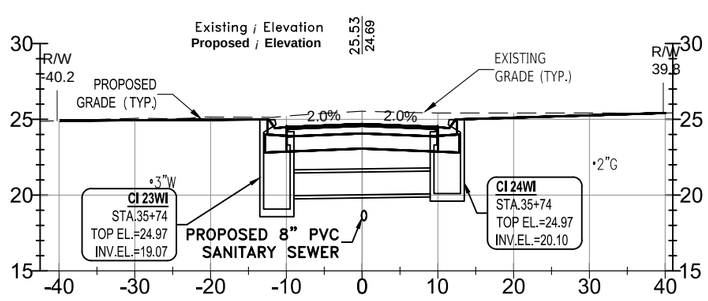

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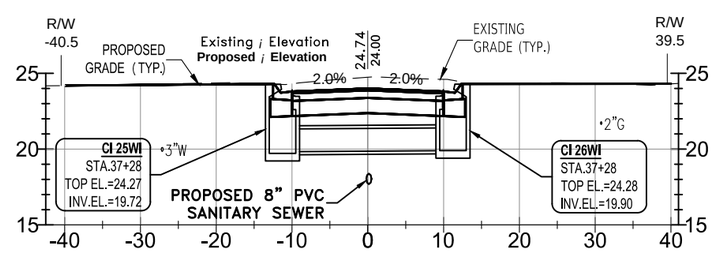


37+28.00

0' 5' 10' 20'
SCALE IN FEET

10'
5'
2.5'
0'

WINTON AVENUE (NORTH ST.)
PHASE II - CRITICAL CROSS SECTIONS
STA. 36+00.00 TO STA. 38+50.00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. P.E. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK / PAGE #: TCM/ 12-5/		SECTION / TOWNSHIP / RANGE: 33 / 2-S / 31-W	SIGNATURE:

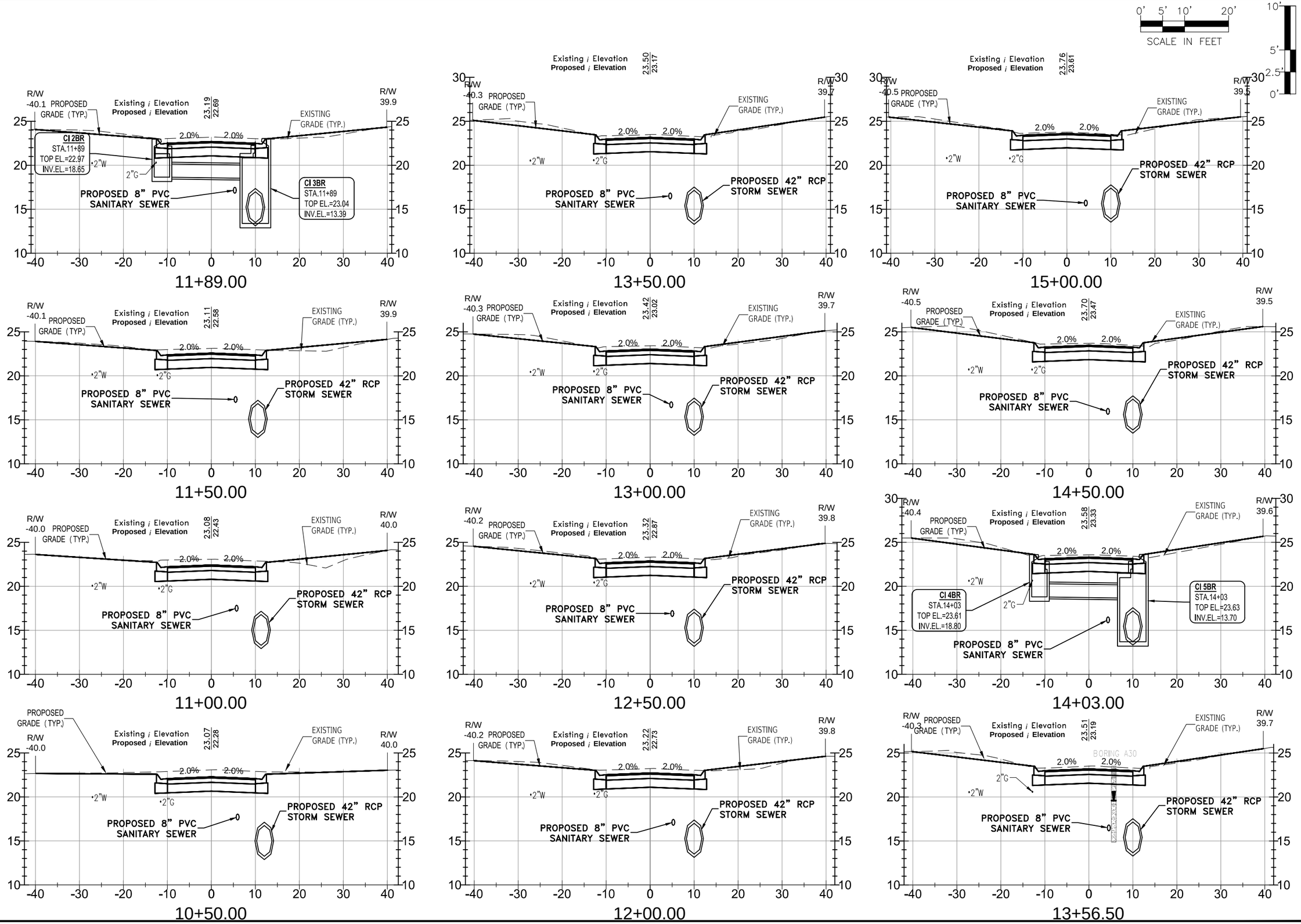
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 4.10
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 4.10.6

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.10 Winton AvenueCS.dwg, May 25, 2023 - 11:06:00AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen, X-Out To Disagree or Remark)
SIGNATURE:			CHANGE INCORPORATION (Yellow Highlighter)

DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE	
DATE	REMARK INCORPORATION (Blue Highlighter)	DATE	
DATE	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE	



BREMEN AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 10+50.00 TO STA. 15+00.00

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION

ESCAMBIA COUNTY, FLORIDA

3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	CHECKED BY: GPH
DESIGNED BY: GPH	DISTRICT: 2
PROJECT MANAGER: CHRIS A. CURB	SECTION/ TOWNSHIP/ RANGE: 35-2S-31W
DATE: MAY 2023	REG. FLA. ENG. NO. 43970
FIELD BOOK/ PAGES: TCBD/ 1-55	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 4.11

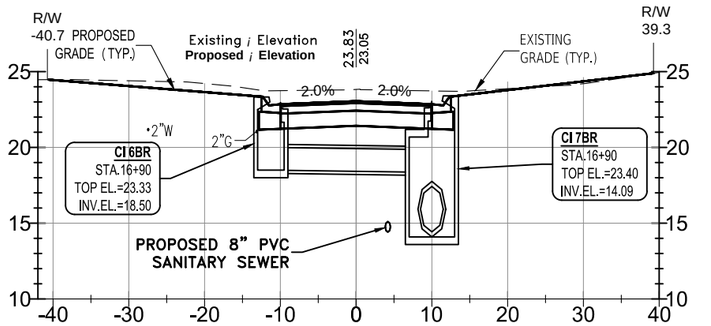
PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 4.11.1

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.11 Bremen Avenue\S.dwg, May 25, 2023 - 11:06:44AM, gpotter

PHASE ____ REVIEW	DATE		DATE		DATE
ORIGINATOR (RP)		VERIFICATION, CHECKER (QR) (Blue Highlighter)		ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)	
PRODUCTION, CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	
SIGNATURE:		ORIGINATOR VERIFICATION Correct (Pink Highlighter)		CHANGE INCORPORATION (Yellow Highlighter)	



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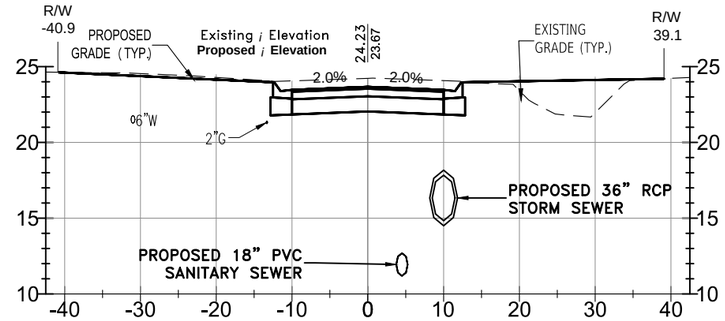

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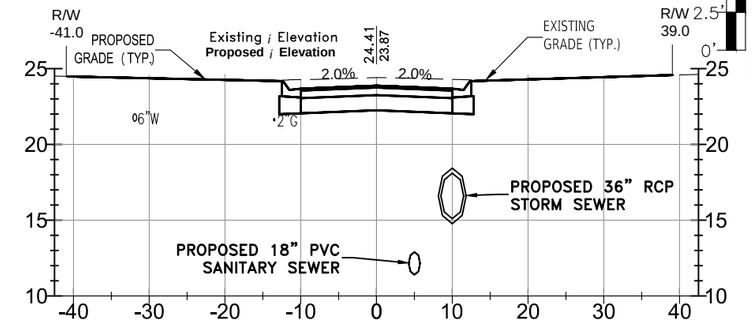

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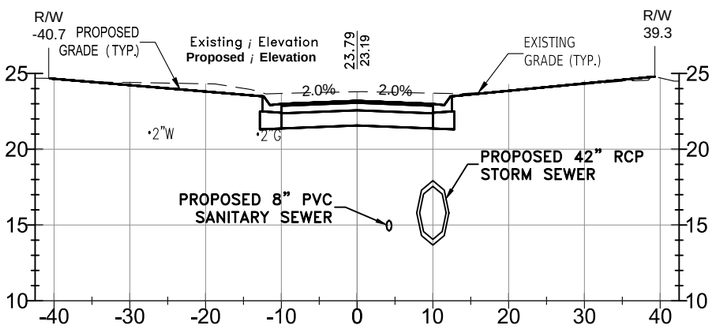

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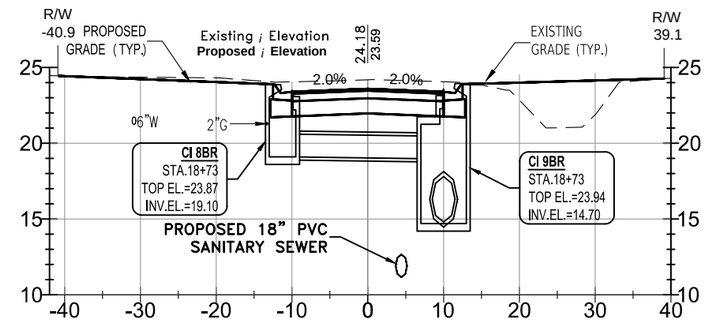

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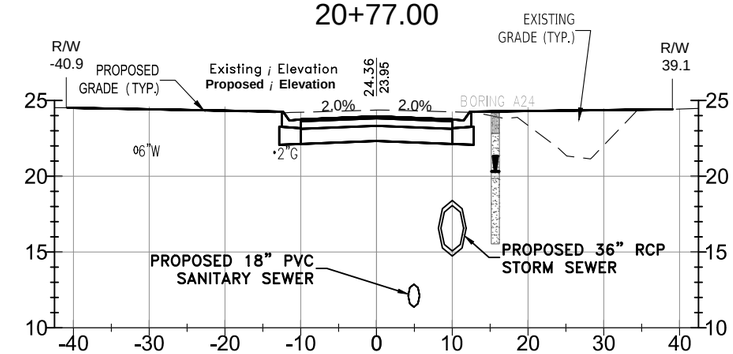

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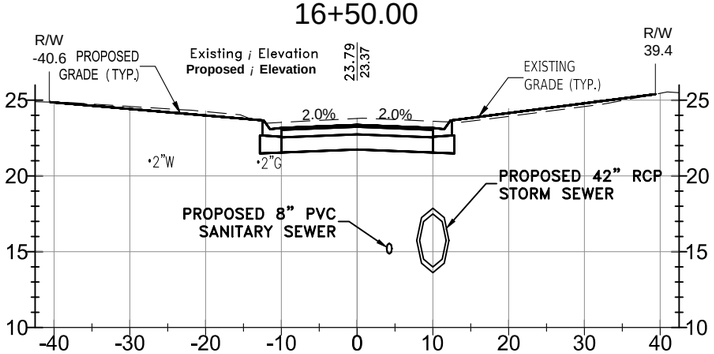

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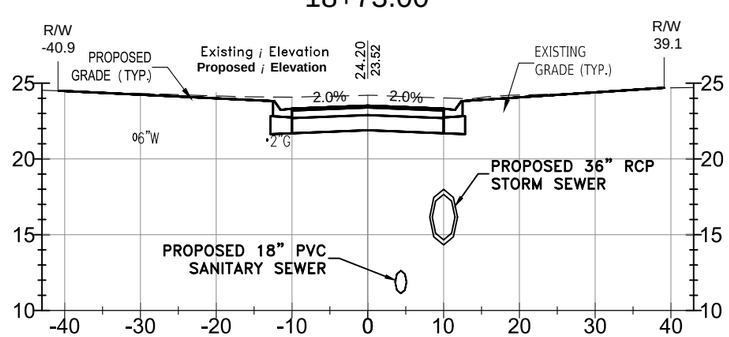

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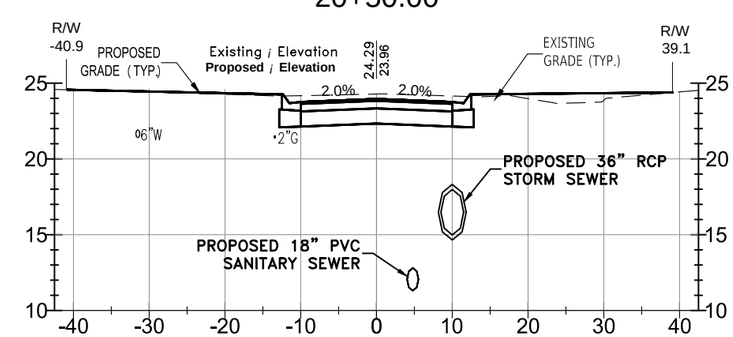

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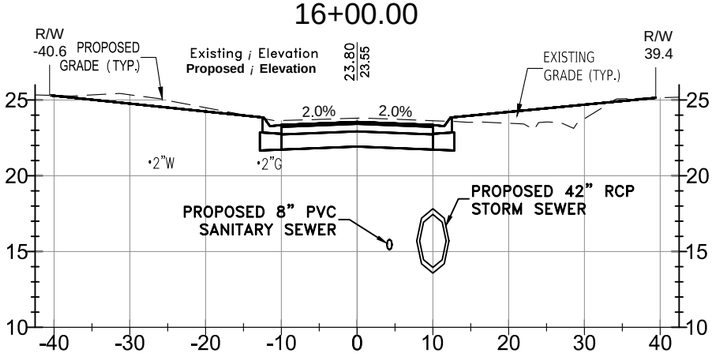

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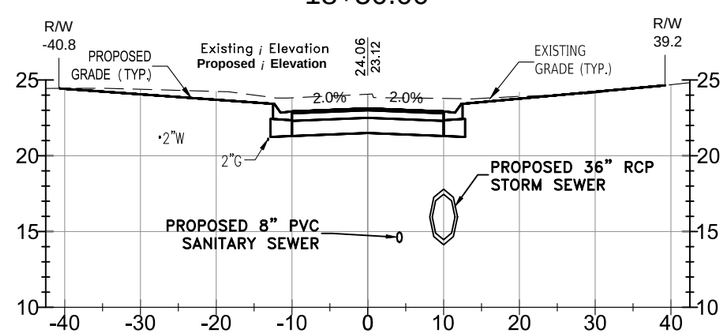

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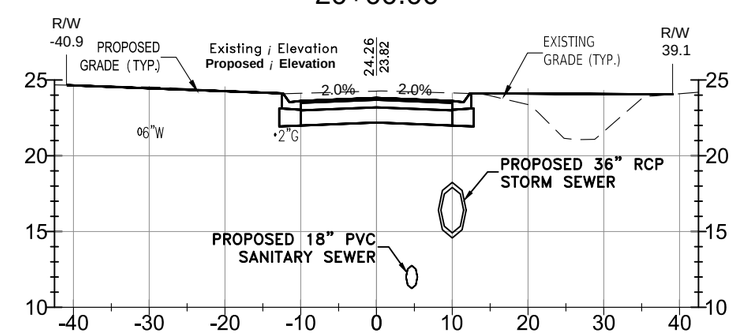

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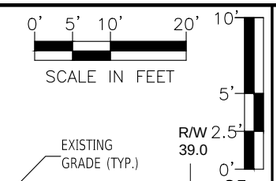

BREMEN AVENUE
PHASE II - CRITICAL CROSS SECTIONS
STA. 15+50.00 TO STA. 20+50.00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. P.E. ENG. NO. 43970
PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2
DATE: MAY 2023	SIGNATURE:
FIELD BOOK/ PAGE:S TEC/SJ / 1-5/5	SECTION/ TOWNSHIP/ RANGE 35 - 2S - 31-W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.11
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.11.2

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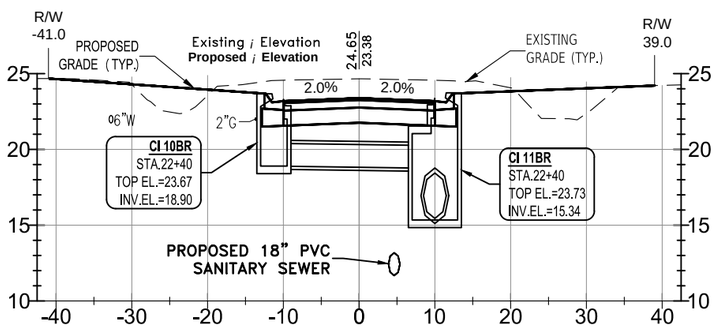
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
	PRODUCTION, CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Discorpse or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			CHANGE INCORPORATION	(Yellow Highlighter)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE



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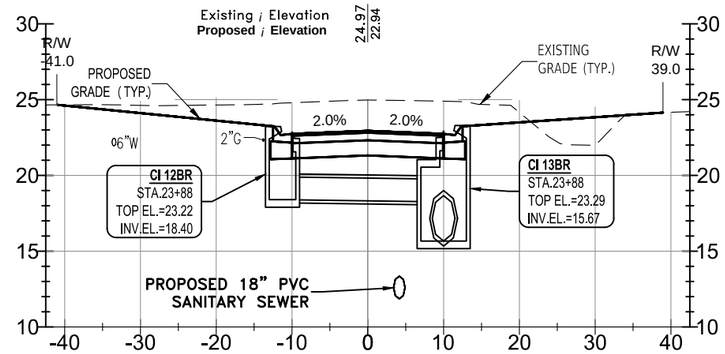

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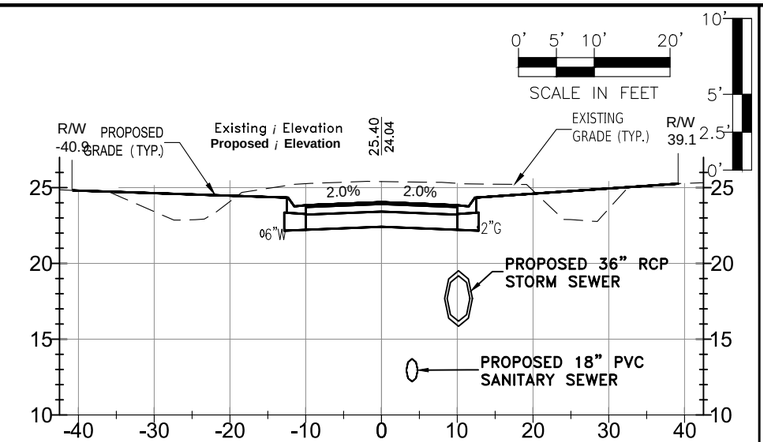

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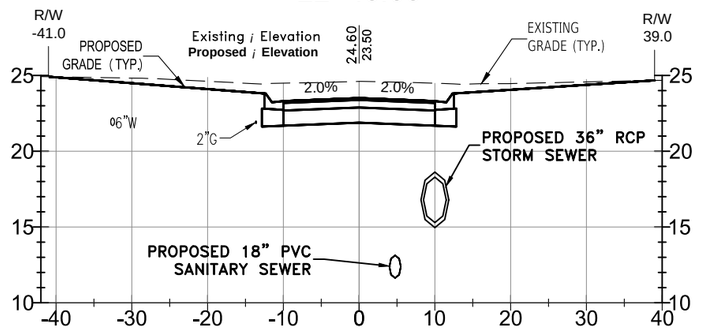

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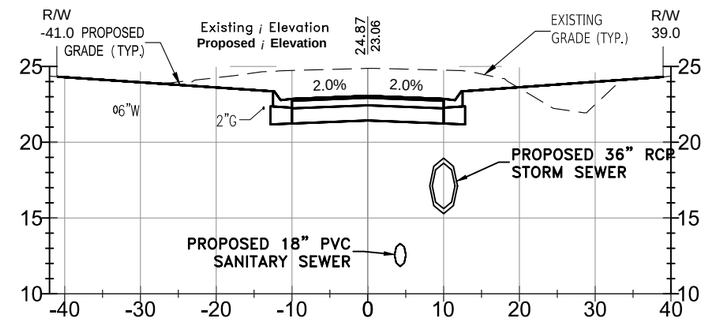

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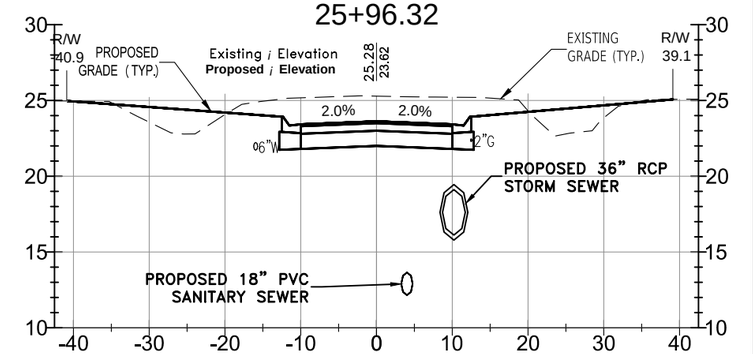

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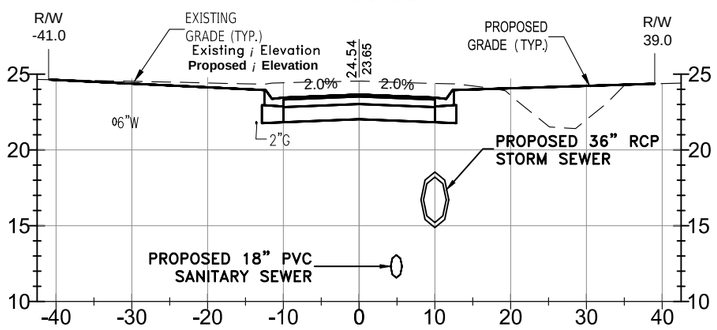

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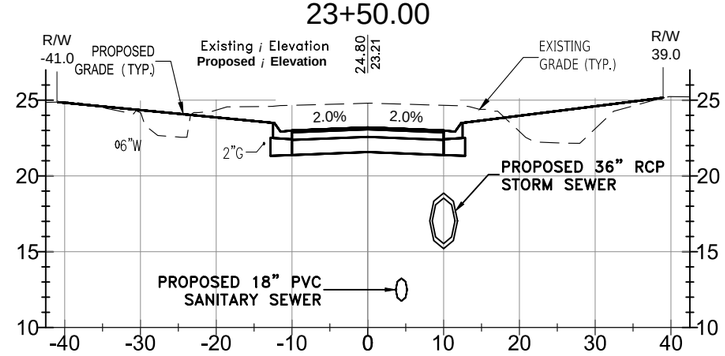

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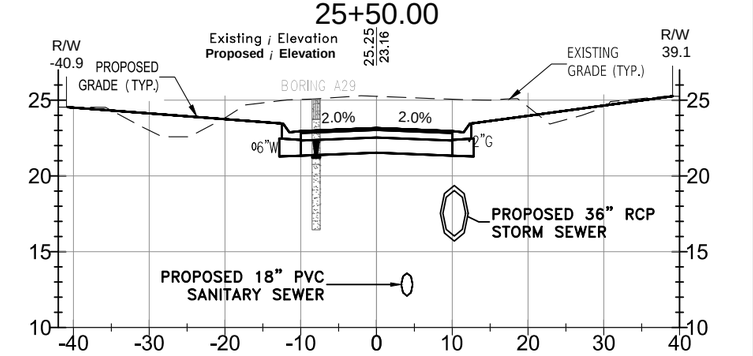

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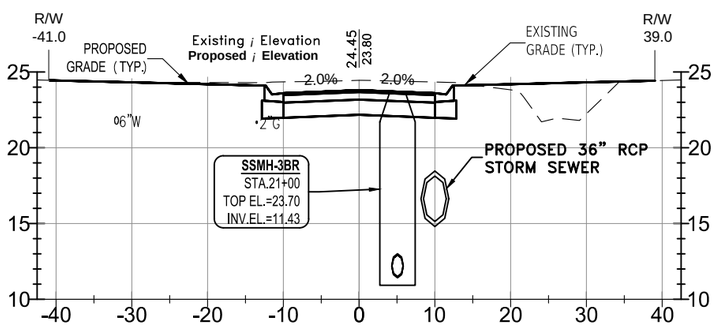

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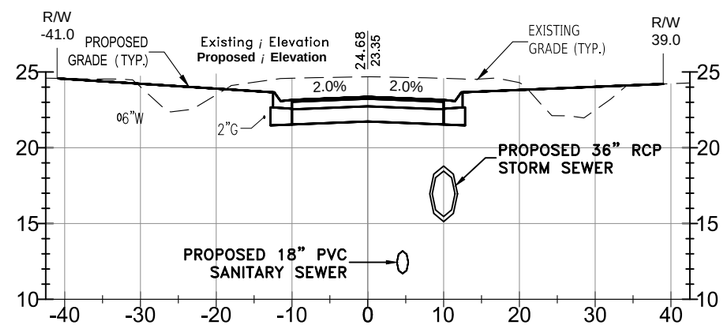

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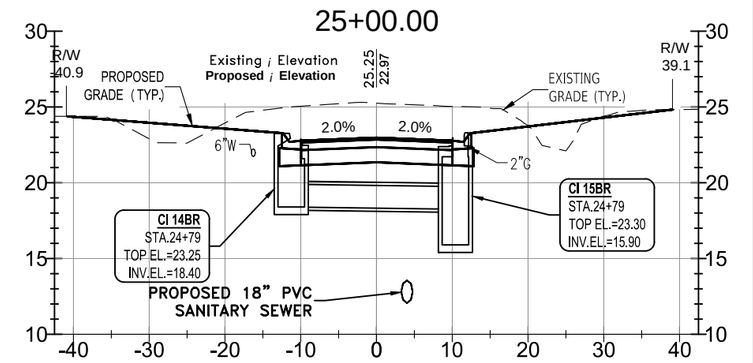


24+79.00

BREMEN AVENUE
PHASE II - CRITICAL CROSS SECTIONS
STA. 21+00.00 TO STA. 25+96.32

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

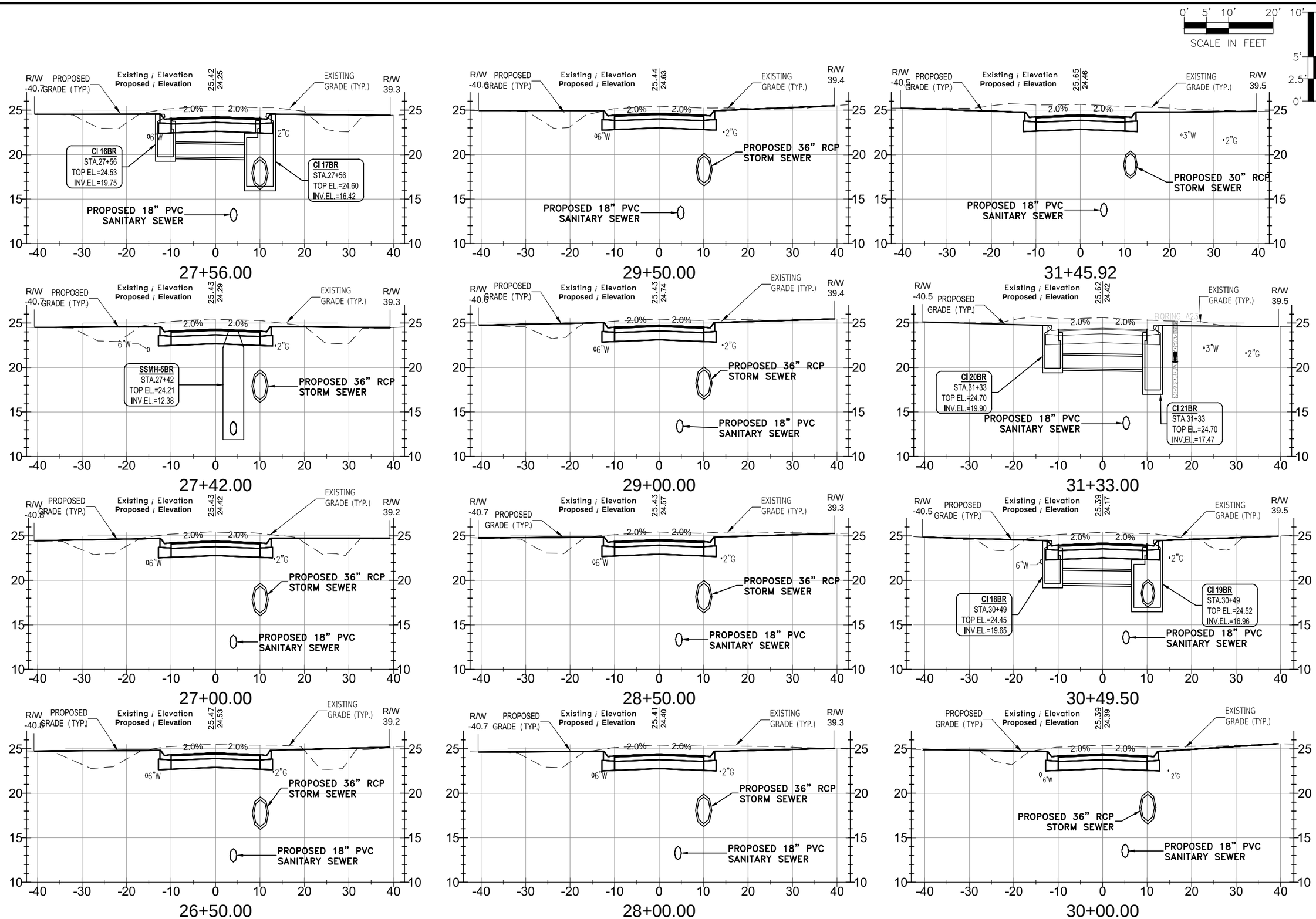
DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK/ PAGE:S TEC30 / 12-55		SECTION/ TOWNSHIP/ RANGE 33/ 2-S/ 31-W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.11
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.11.3

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.11 Bremen AvenueCS.dwg, May 25, 2023 - 11:07:23AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE
SIGNATURE:	CHECKER (RP)	CHANGE INCORPORATION (Yellow Highlighter)	ORIGINATOR VERIFICATION Correct (Pink Highlighter)
	ORIGINATOR (GR)	(Red Pen X-Out to Discipline or Remark)	REMARK INCORPORATION (Blue Highlighter)
		Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (GR) (Blue Highlighter)



BREMEN AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 26+50.00 TO STA. 31+45.92

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
CHECKED BY: GPH	REG. P.E. & ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 2	DATE:
FIELD BOOK/ PAGES: TEC/SJ / 1-5/5	SECTION/ TOWNSHIP/ RANGE: 35/ 2-S/ 31-W
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.11
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.11.4

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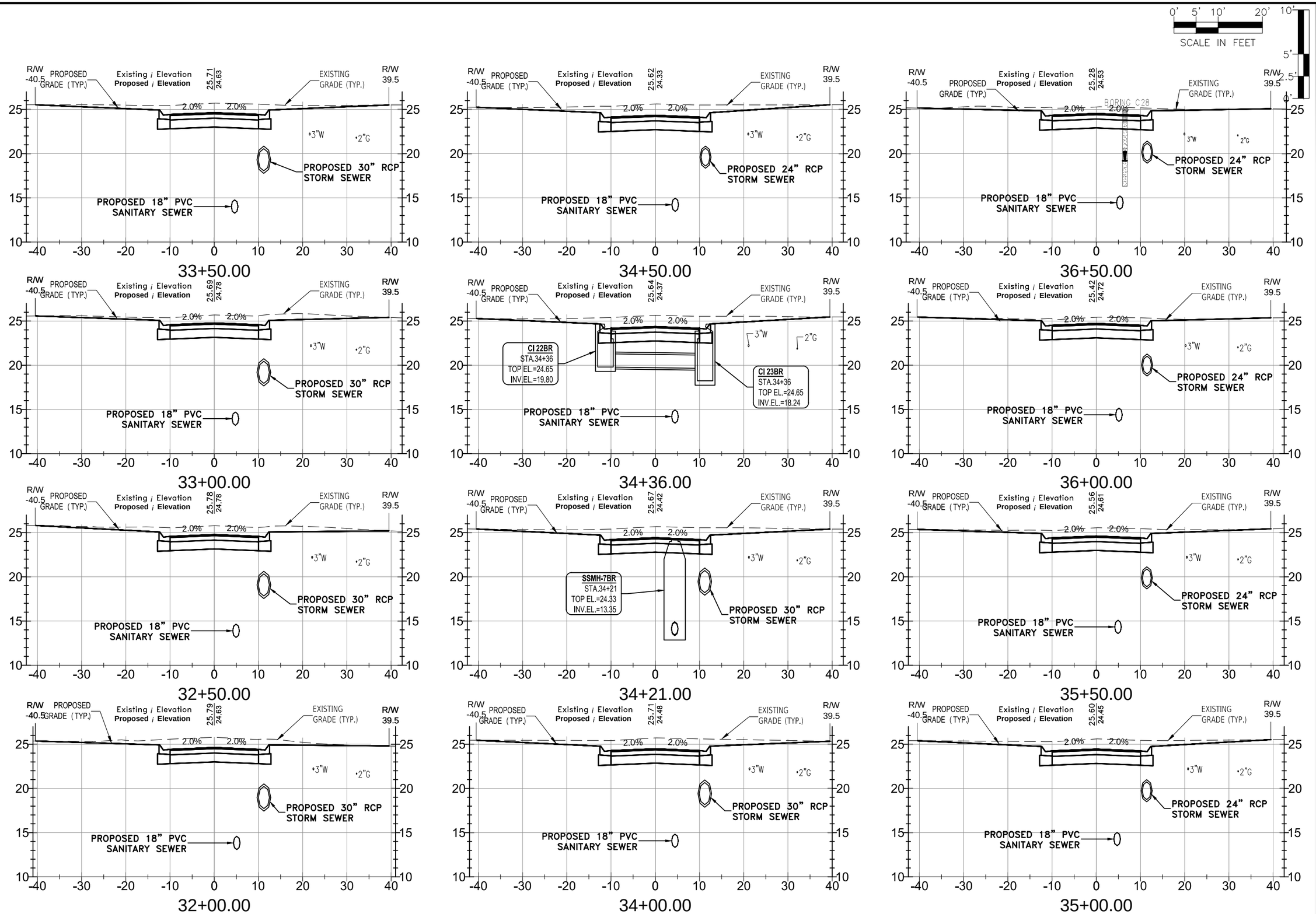
SIGNATURE:	PRODUCTION, CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE
CHANGE INCORPORATION	(Yellow Highlighter)	DATE



BREMEN AVENUE
PHASE II - CRITICAL CROSS SECTIONS
STA. 32+00.00 TO STA. 36+86.94

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
FIELD BOOK/ PAGE:S TEC30 / 12-35	SECTION/ TOWNSHIP/ RANGE 35 - 2S - 31-W
CHECKED BY: GPH	DISTRICT: 2
REG. FLA. ENG. NO. 43970	SIGNATURE:
DATE:	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.11
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.11.5

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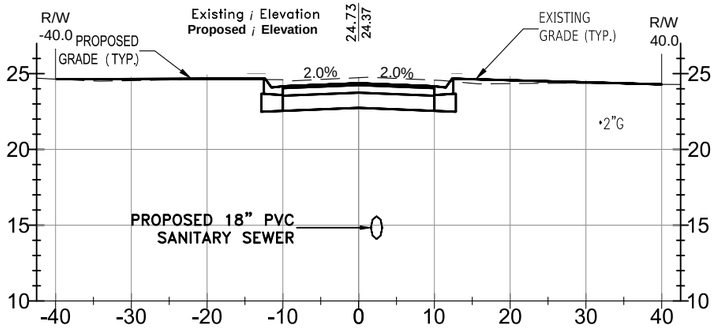
	PRODUCTION, CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

	ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)	DATE
	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	DATE
	CHANGE INCORPORATION (Yellow Highlighter)	DATE



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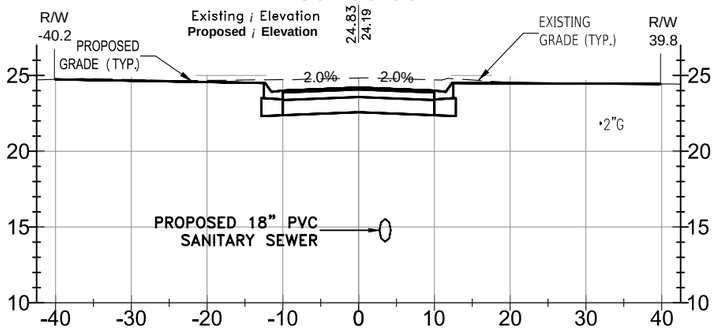
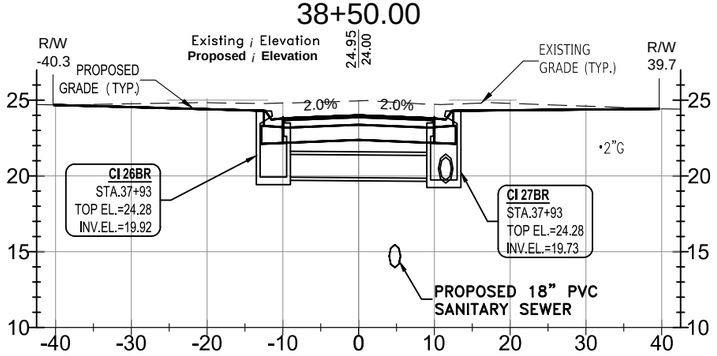
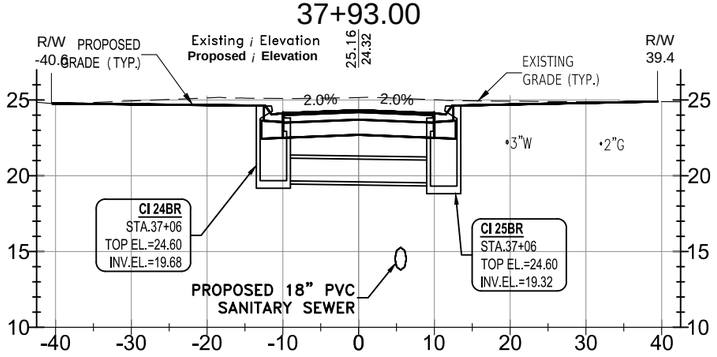


38+50.00



37+93.00



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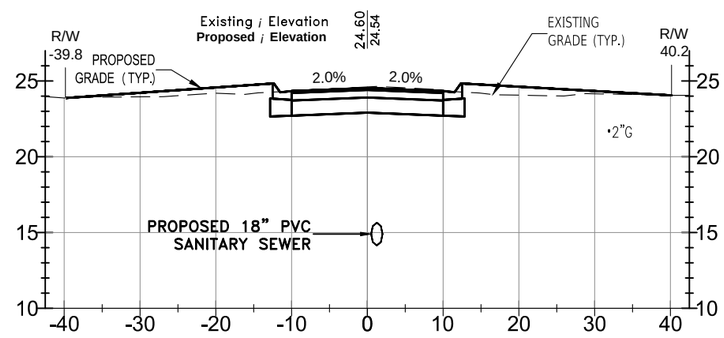

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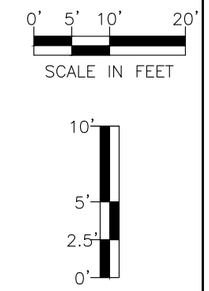

BREMEN AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 37+06.54 TO STA. 39+50.00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
FIELD BOOK/ PAGES: TEC93 / 1-5,5	SECTION, TOWNSHIP, RANGE: 32-2-S 31-W		DATE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.11
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.11.6

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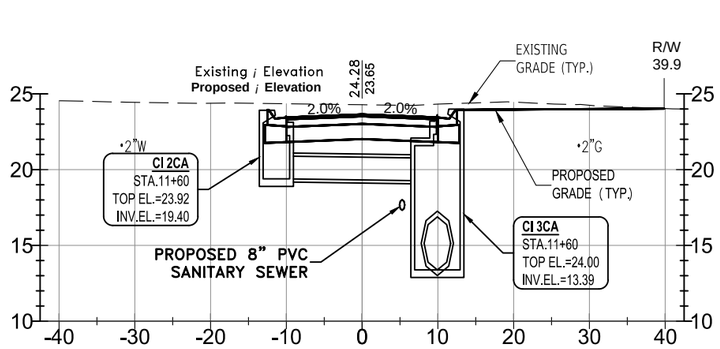
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
	PRODUCTION, CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
SIGNATURE:	CHECKER (RP)	Correct (Green Highlighter) Change (Red Pen)	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
	(Red Pen X-Out to Disagree or Remark)			
	CHANGE INCORPORATION	(Yellow Highlighter)		



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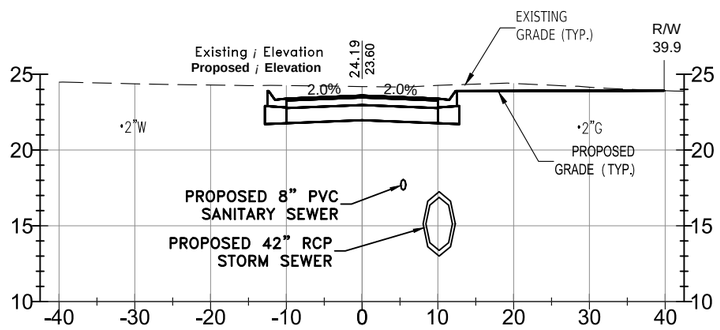

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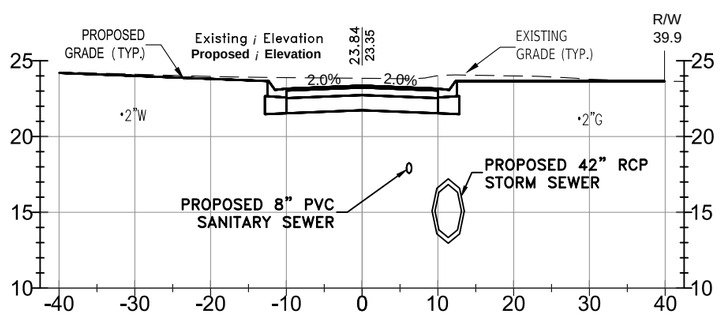
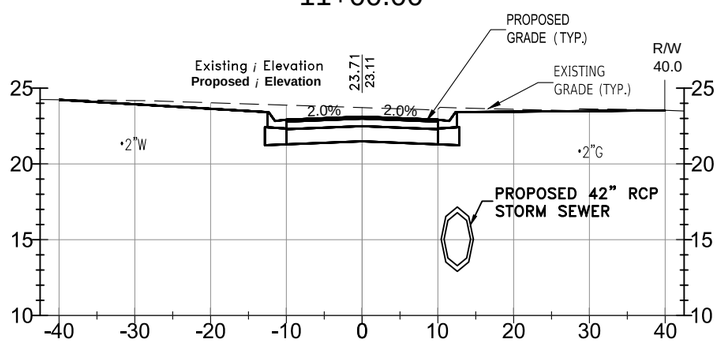


11+00.00



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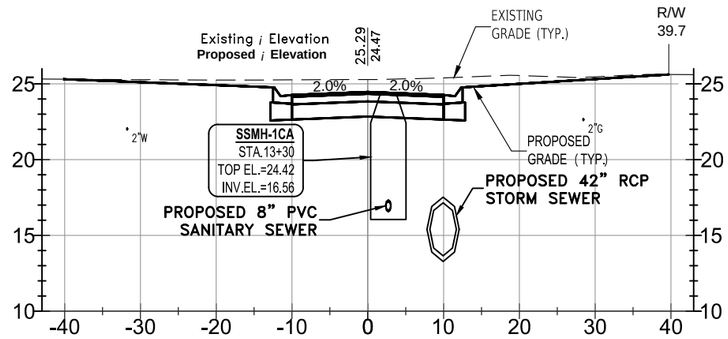

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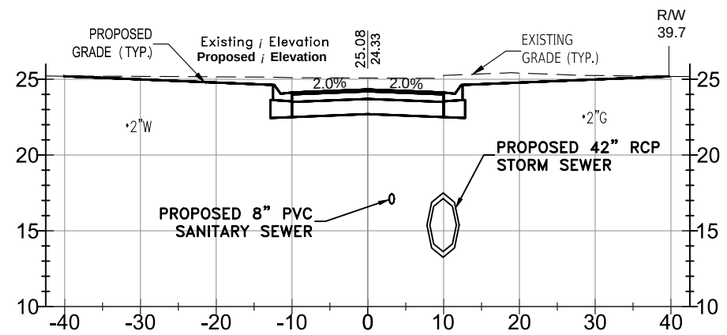

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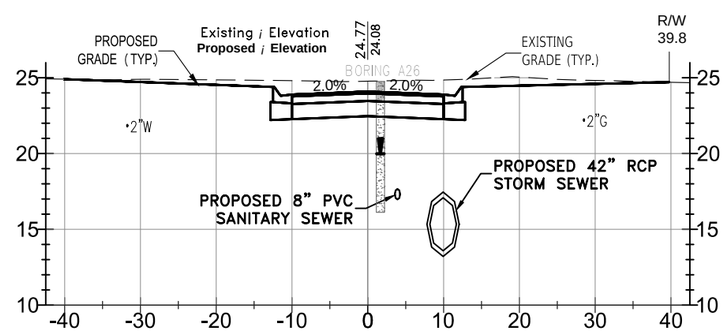

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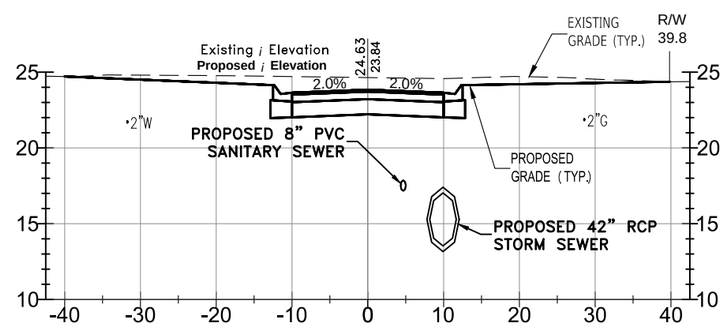

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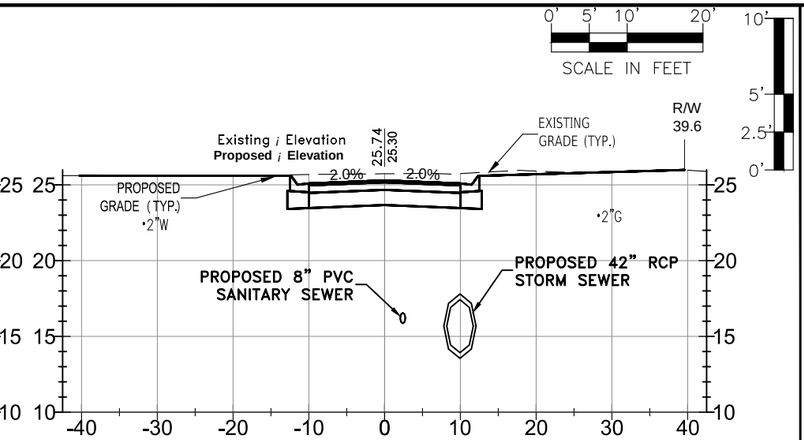

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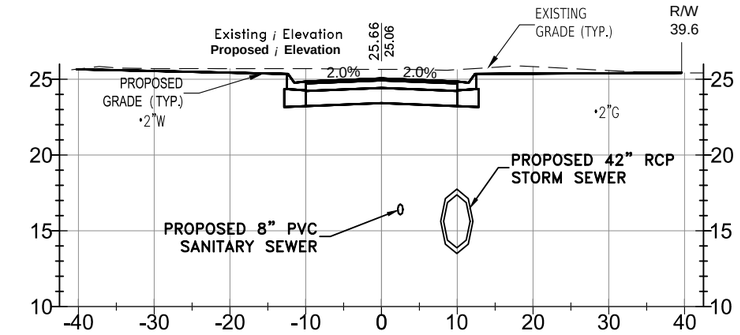

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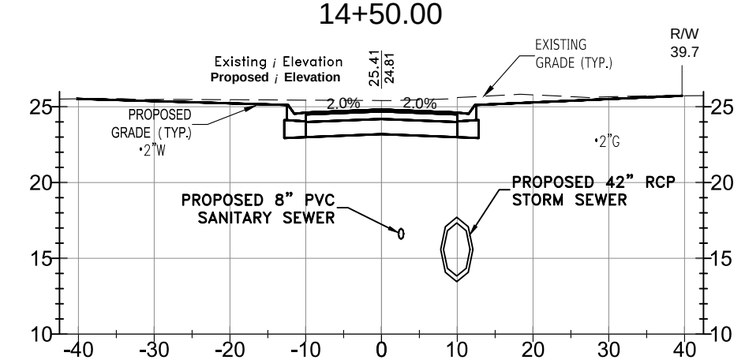

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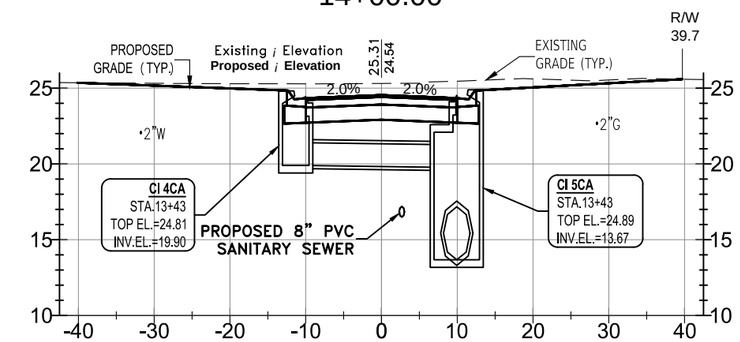


13+43.00

SCALE IN FEET

CALHOUN AVENUE
PHASE II - CRITICAL CROSS SECTIONS
STA. 10+50.00 TO STA. 15+00.00

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK/ PAGES: TC50/ 1-53		SECTION/ TOWNSHIP/ RANGE: 35-2S-31W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 4.12

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

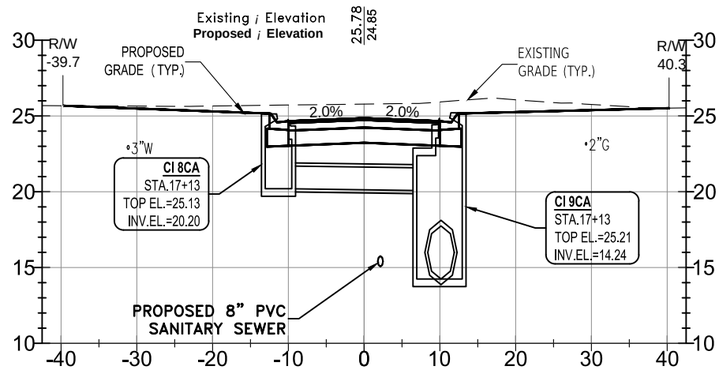
SHEET 4.12.1

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.12 Calhoun AvenueCS.dwg, May 25, 2023 - 11:09:04AM, gpotter

PHASE ____ REVIEW

SIGNATURE:

	ORIGINATOR	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
	ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	REMARK INCORPORATION (Blue Highlighter)	DATE
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
	CHANGE INCORPORATION	(Yellow Highlighter)		
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE		



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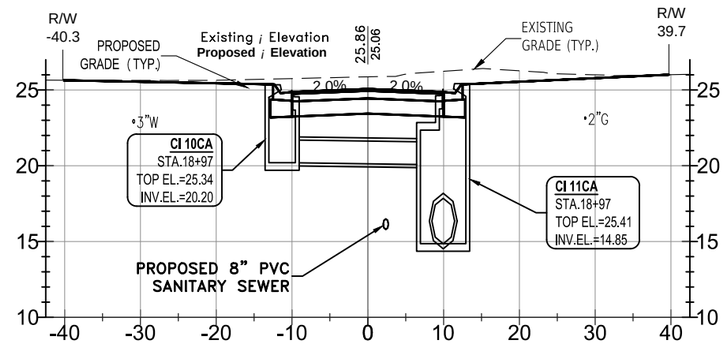
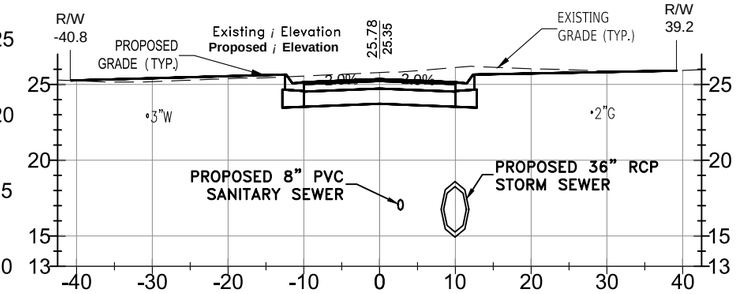
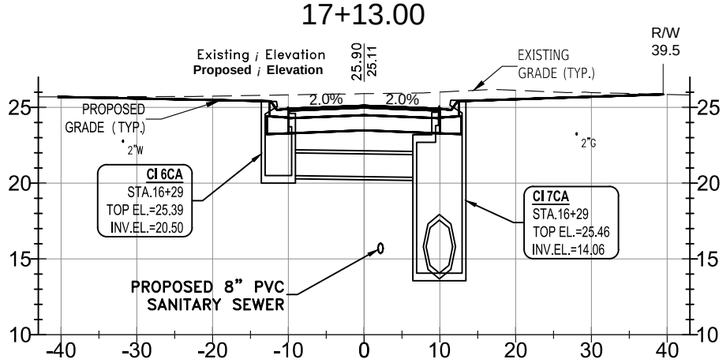


18+97.40



21+00.00



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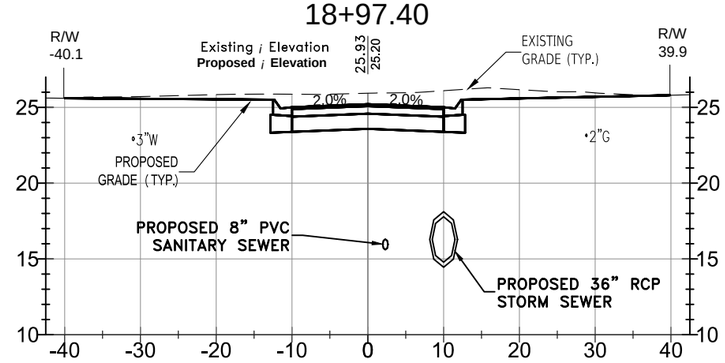

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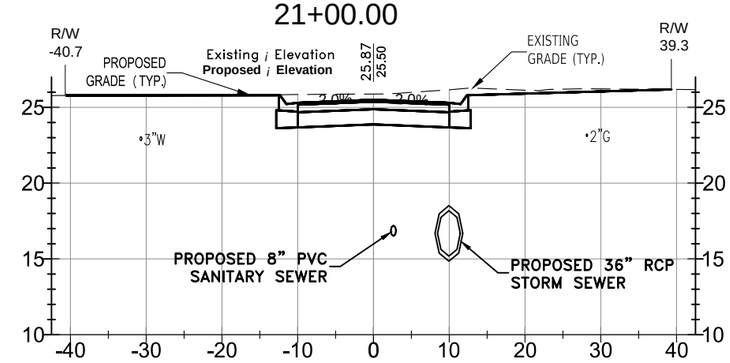

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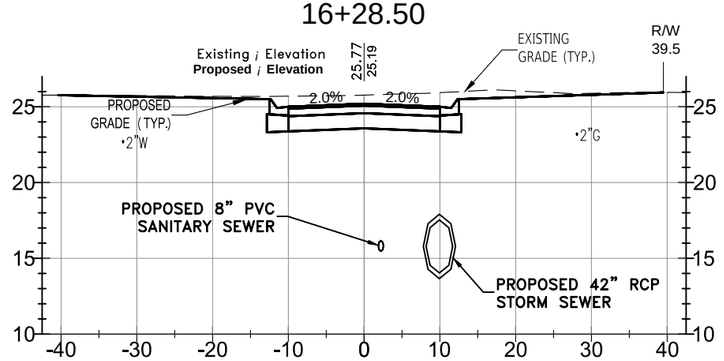

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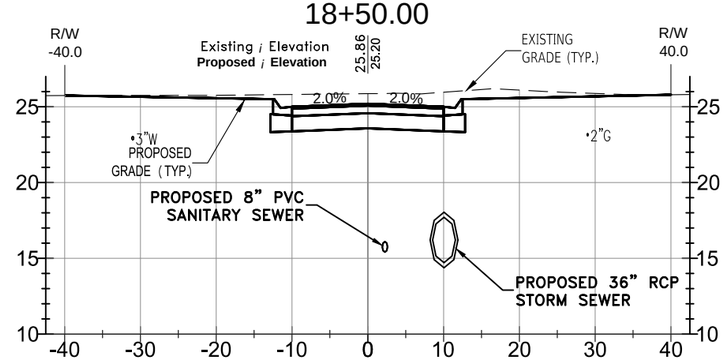

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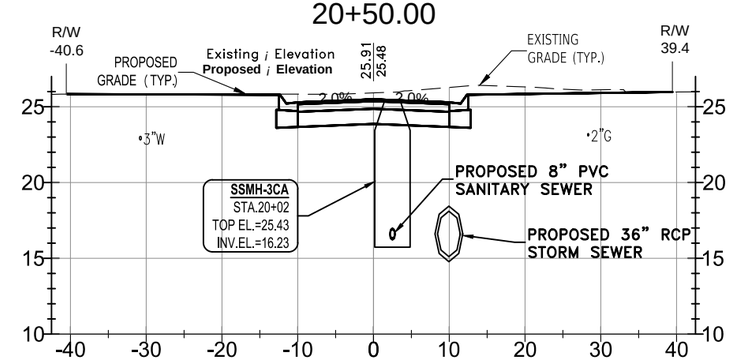

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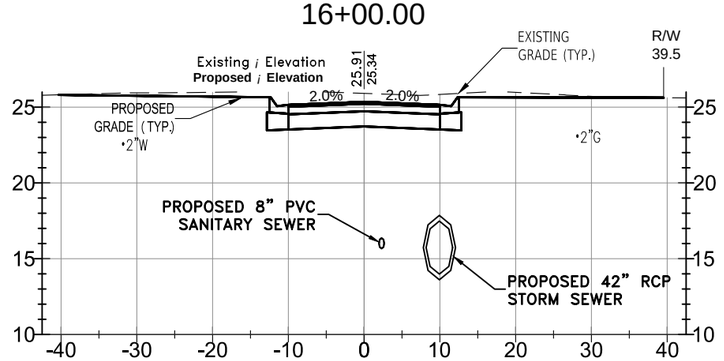

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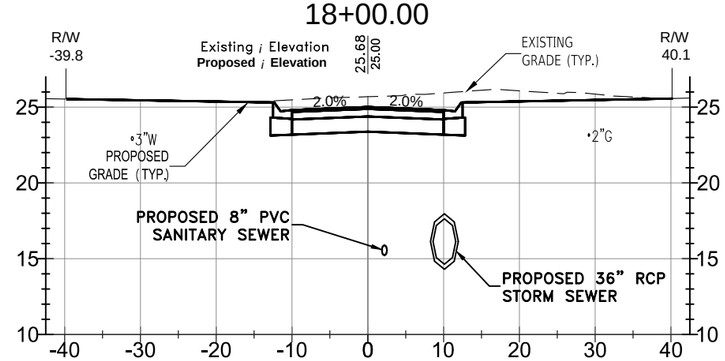

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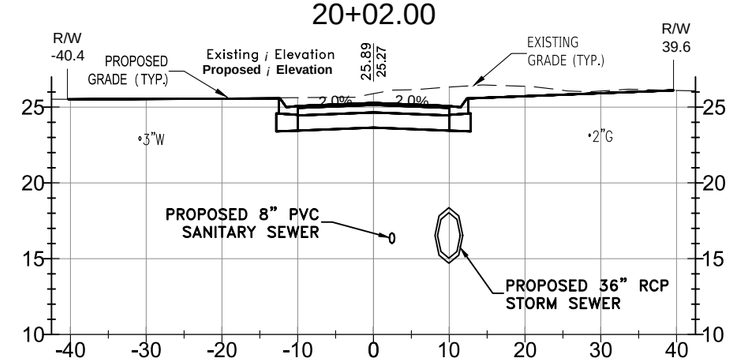

19+50.00

SCALE IN FEET

0' 5' 10' 20'

10' 5' 2.5' 0'

CALHOUN AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 15+50.00 TO STA. 21+00.00

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION

ESCAMBIA COUNTY, FLORIDA

3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK/ PAGES: TC30/1-2-53		SECTION/ TOWNSHIP/ RANGE: 35-2-S/ 31-1-W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.12
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.12.2

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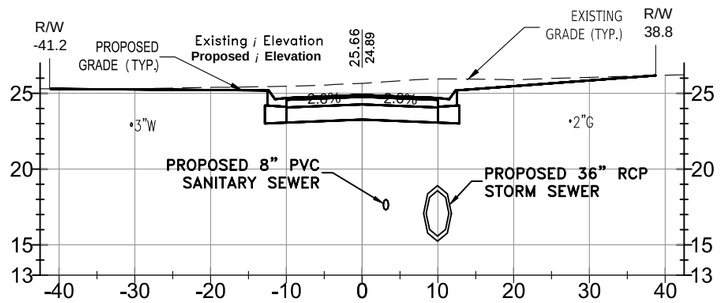
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)
SIGNATURE:			CHANGE INCORPORATION (Yellow Highlighter)

VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
REMARK INCORPORATION (Blue Highlighter)	DATE		



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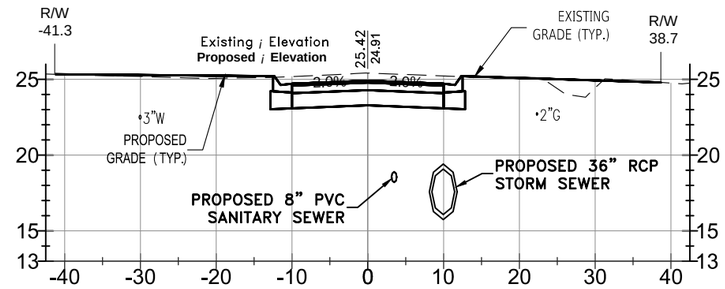

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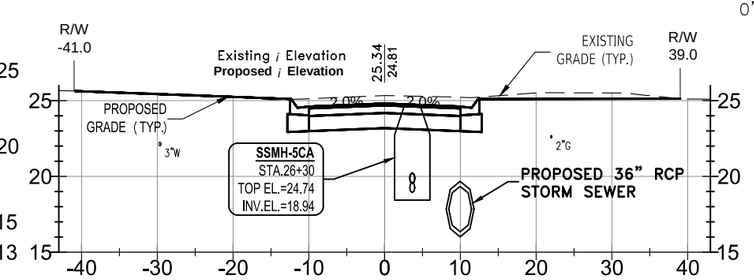

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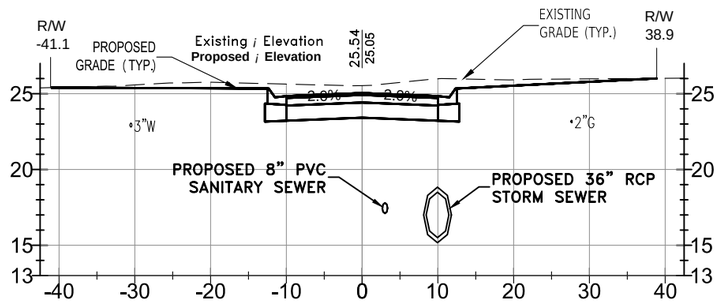

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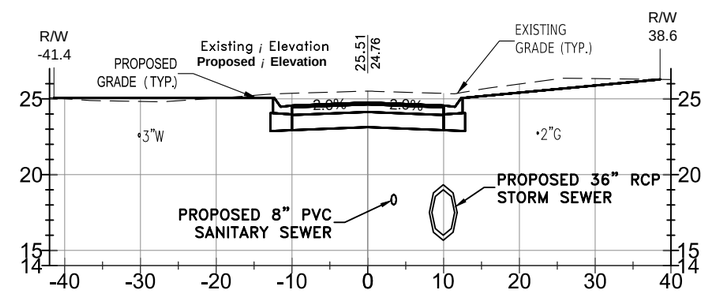

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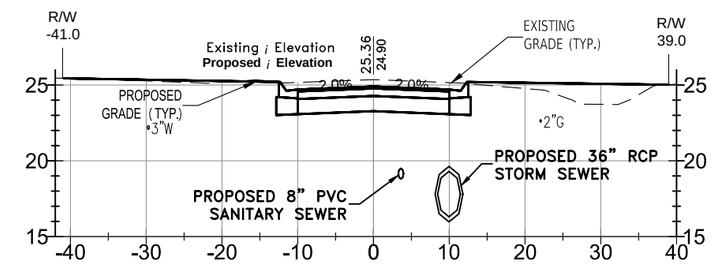

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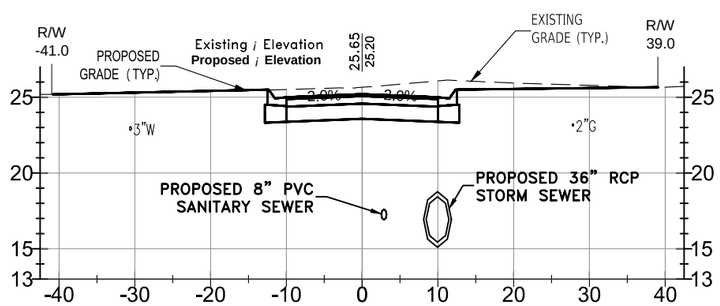

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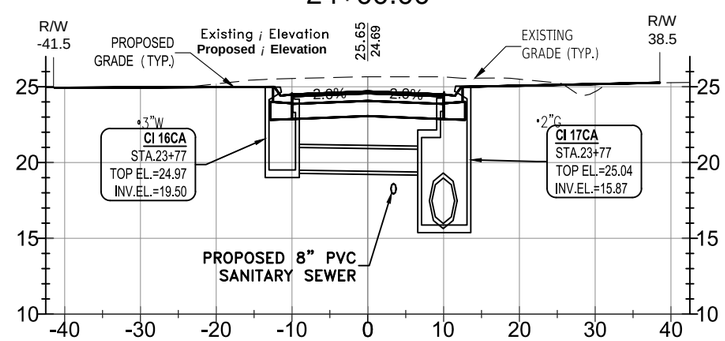

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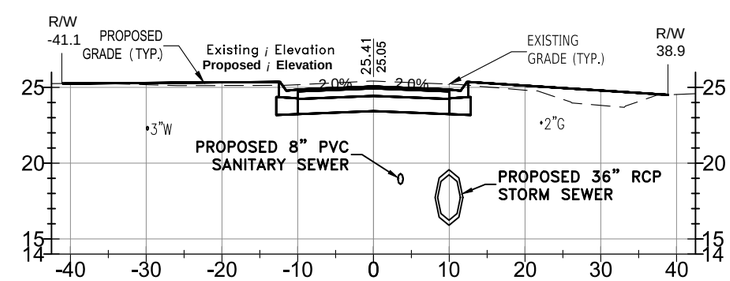

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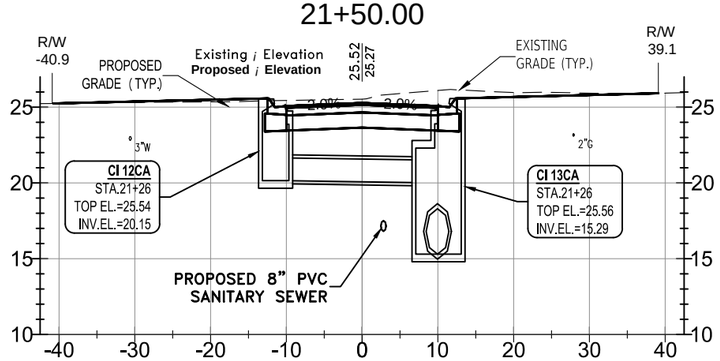

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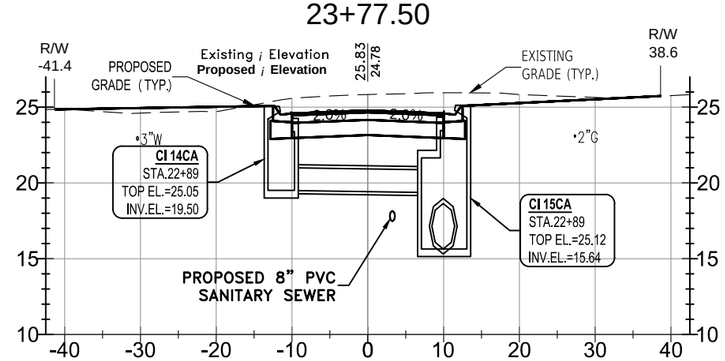

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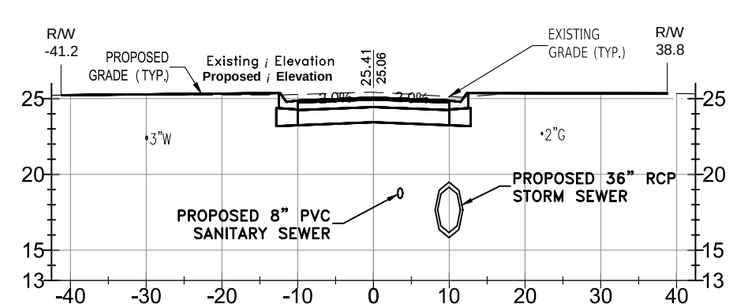

25+00.00

SCALE IN FEET

CALHOUN AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 21+26.09 TO STA. 26+29.92

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
FIELD BOOK/ PAGES: TC501-1-53		SECTION/ TOWNSHIP/ RANGE: 35-2S-31W	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.12
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.12.3

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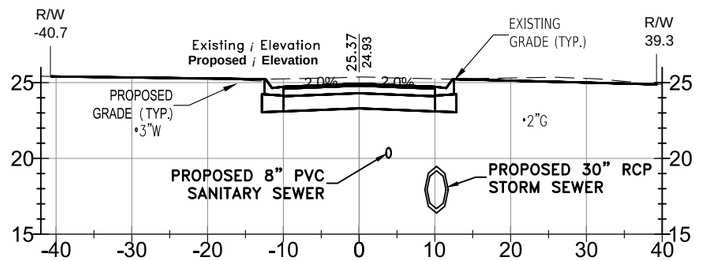
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)
SIGNATURE:			CHANGE INCORPORATION (Yellow Highlighter)

VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE		
REMARK INCORPORATION (Blue Highlighter)	DATE		
ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE		



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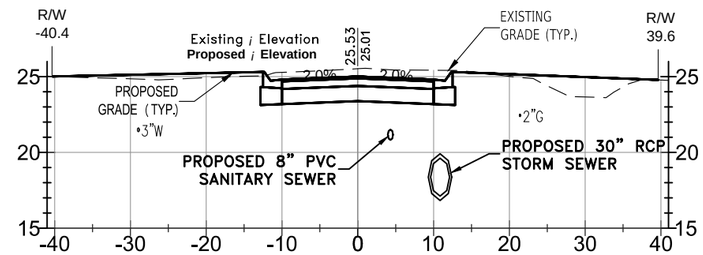

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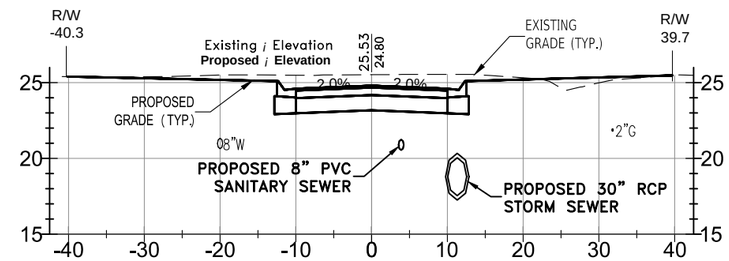

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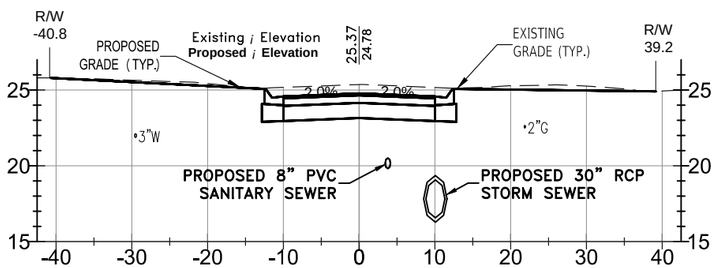

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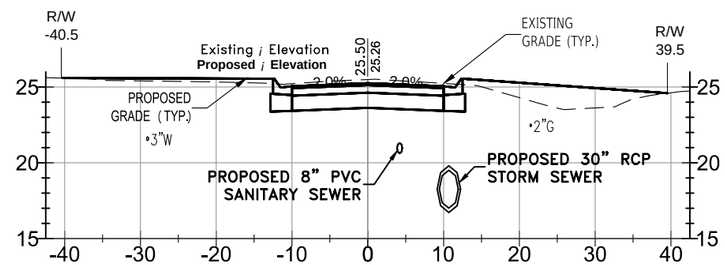

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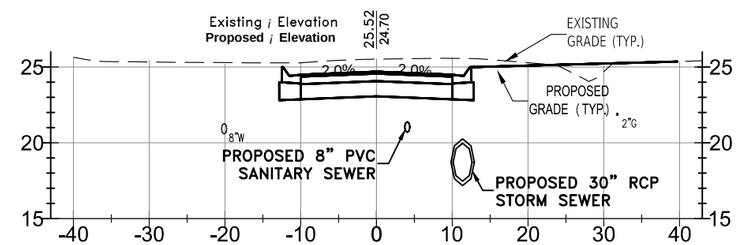

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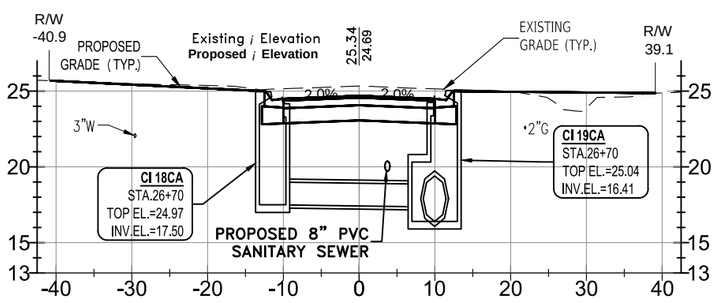

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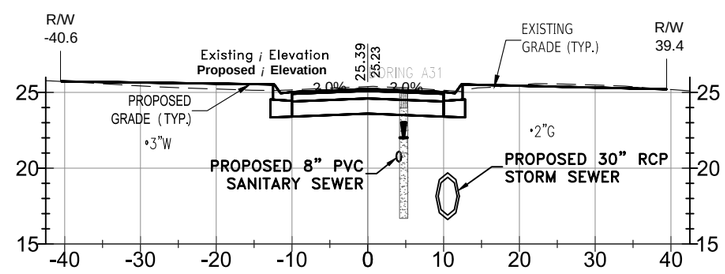

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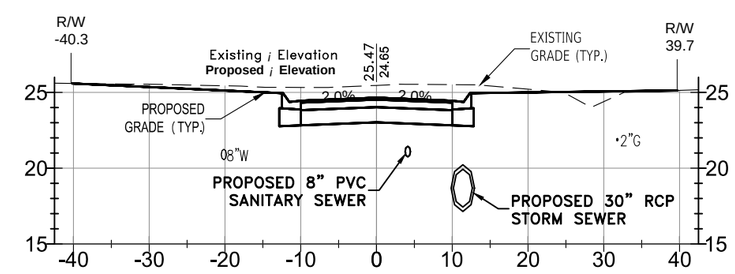

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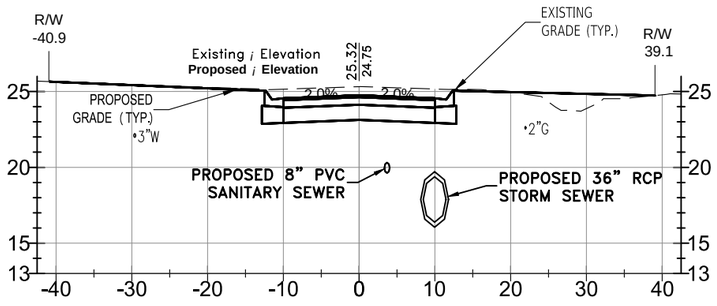

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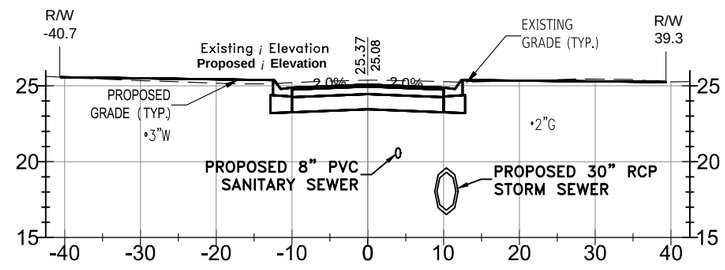

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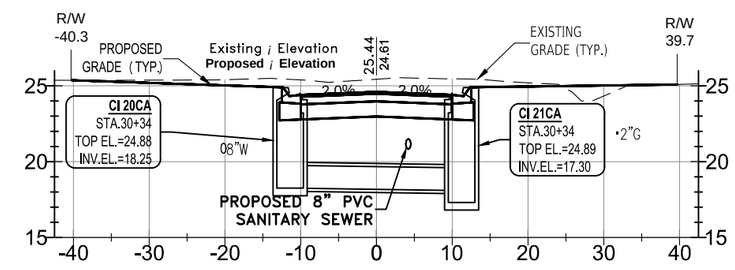

30+34.00

SCALE IN FEET

CALHOUN AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 26+50.00 TO STA. 31+00.00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH
CHECKED BY: GPH
DESIGNED BY: GPH
PROJECT MANAGER: CHRIS A. CURB
REG. FLA. ENG. NO. 43970
DATE: MAY 2023
DISTRICT: 2
FIELD BOOK/ PAGES: TE-530 / 2-53
SECTION/ TOWNSHIP/ RANGE: 35/-2S/-31S-W
SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 4.12
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 4.12.4

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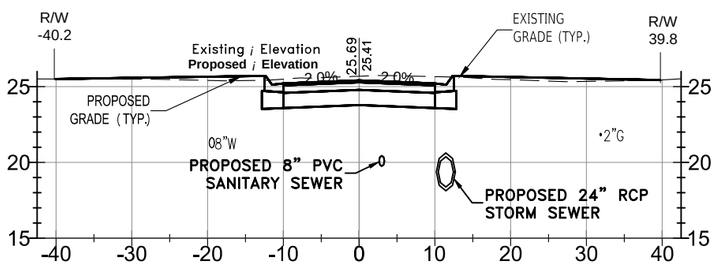
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)		
	CHANGE INCORPORATION	(Yellow Highlighter)		



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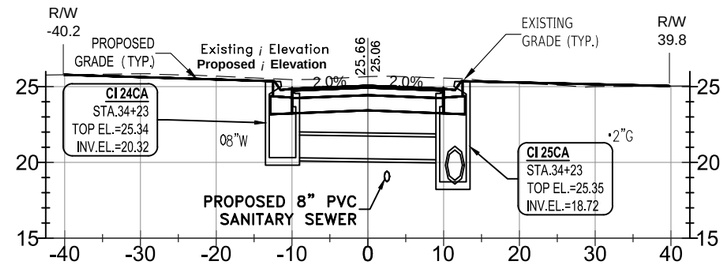

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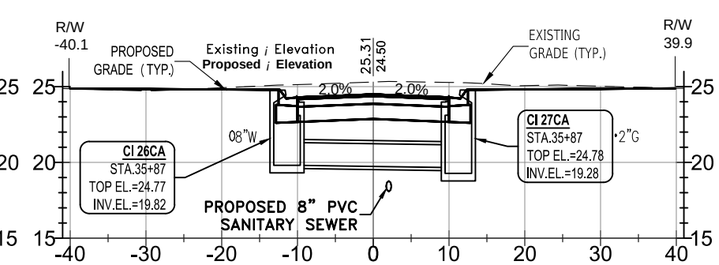
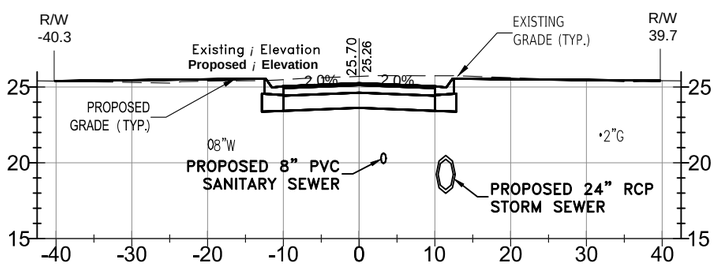


35+87.00



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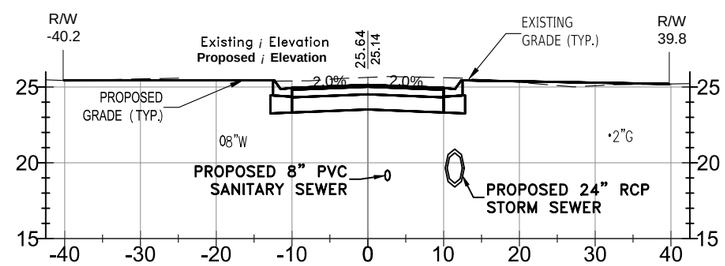

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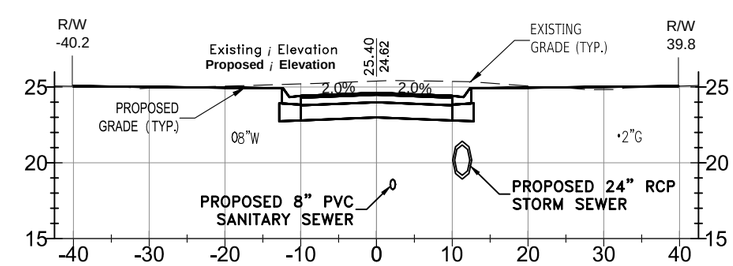

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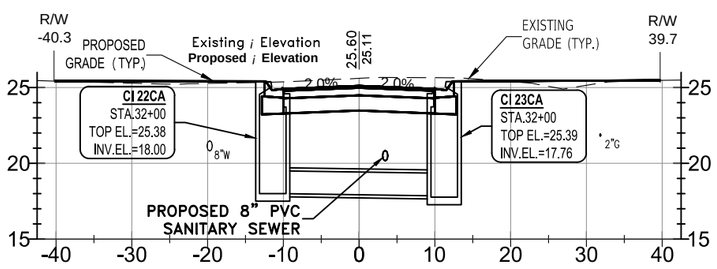

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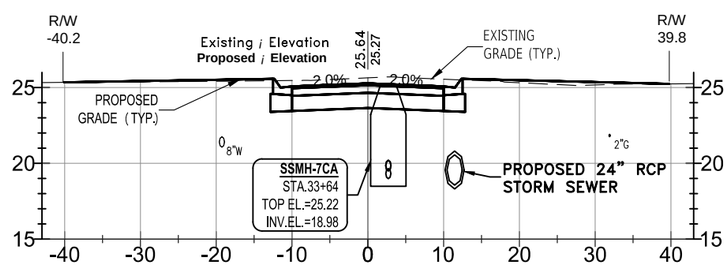

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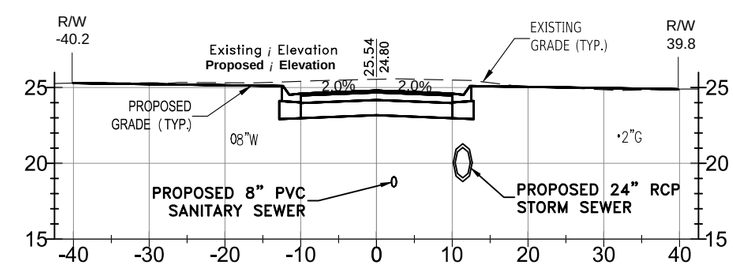
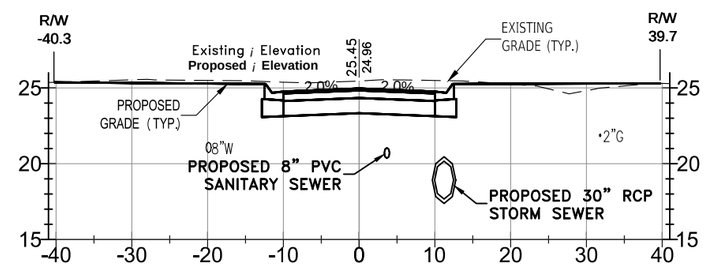


35+00.00



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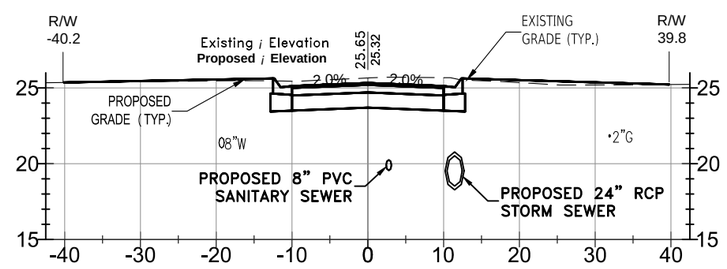

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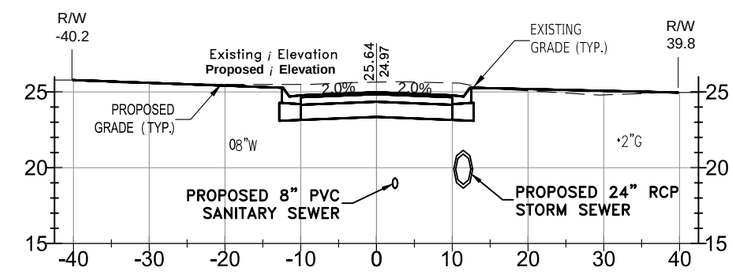

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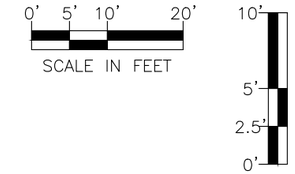

CALHOUN AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 31+50.00 TO STA. 35+87.01

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970	DATE:
DESIGNED BY: GPH	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
DATE: MAY 2023	FIELD BOOK/ PAGES: TE-530 / 1-5,57	SECTION/ TOWNSHIP/ RANGE: 35/-2S/-31W	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.12
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.12.5

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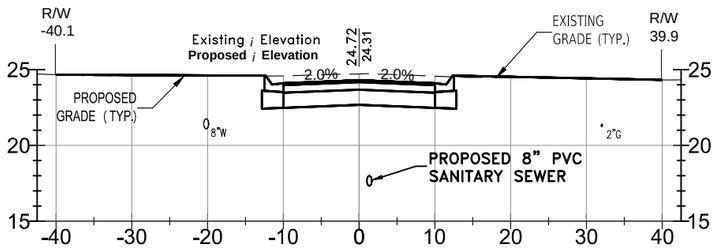
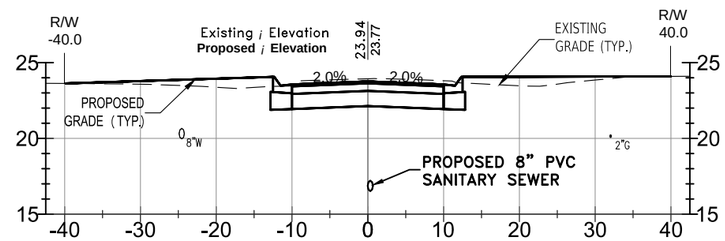
PHASE	REVIEW	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
SIGNATURE:	ORIGINATOR (RP)	DATE	REMARK INCORPORATION (Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	
CHANGE INCORPORATION	(Yellow Highlighter)	



37+50.00



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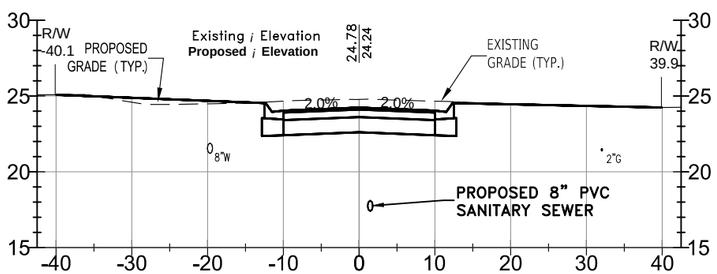

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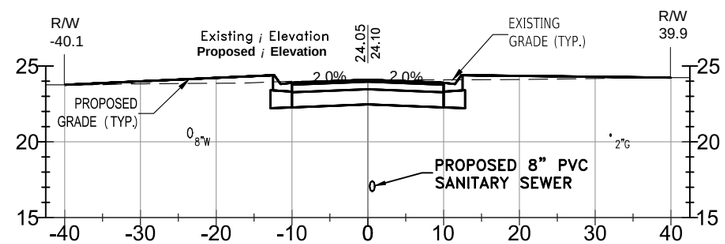

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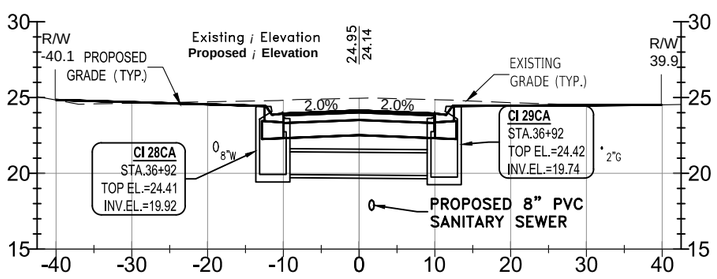

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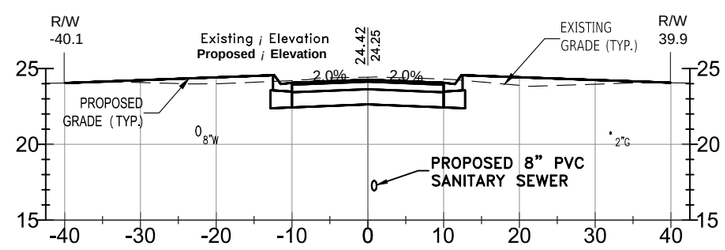

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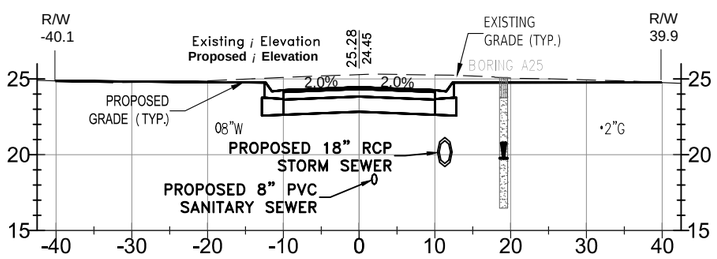

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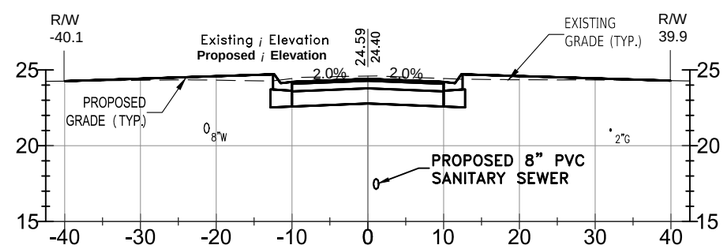

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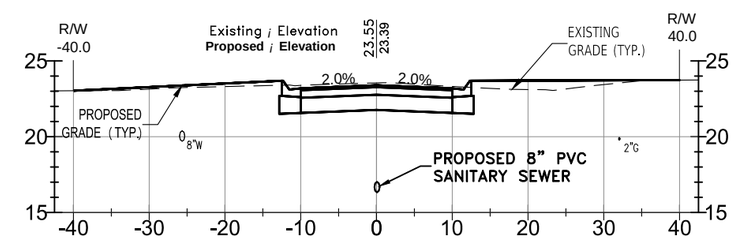

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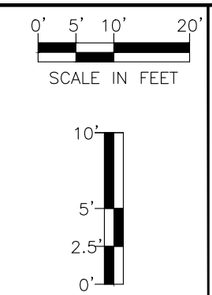

CALHOUN AVENUE
PHASE II - CRITICAL CROSS SECTIONS
STA. 36+00.00 TO STA. 40+00.00

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	CHECKED BY: GPH
DESIGNED BY: GPH	DISTRICT: 2
PROJECT MANAGER: CHRIS A. CURB	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	DATE:
FIELD BOOK/ PAGES: TE-530 / 1-5,57	SIGNATURE:
SECTION/ TOWNSHIP/ RANGE: 35/-2S/-31S-W	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 4.12
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 4.12.6

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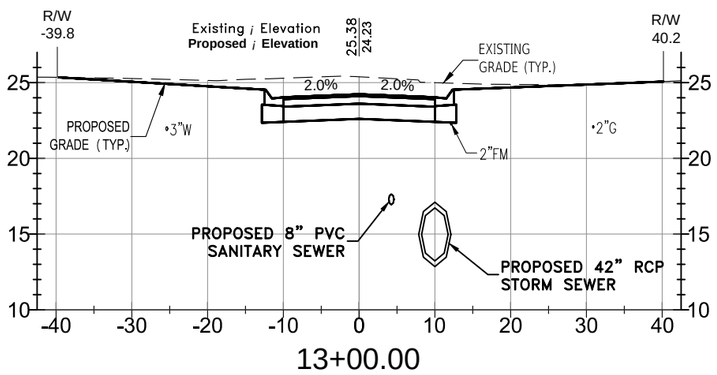
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE	Change (Red Pen)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)		Correct (Green Highlighter) Change (Red Pen)	
SIGNATURE:	CHECKER (RP)		ORIGINATOR VERIFICATION Correct (Pink Highlighter)		Remark or Remark)	
	(Red Pen X-Out to Disagree or Remark)					
	CHANGE INCORPORATION (Yellow Highlighter)					



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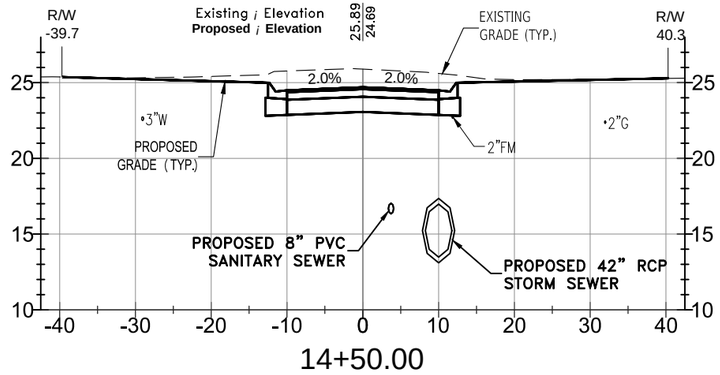

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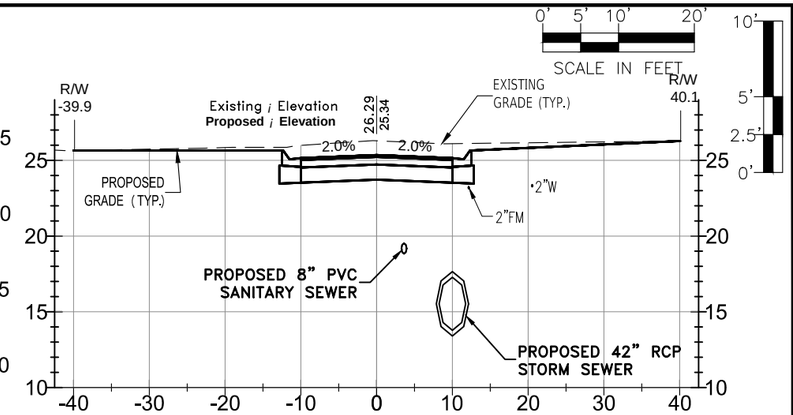

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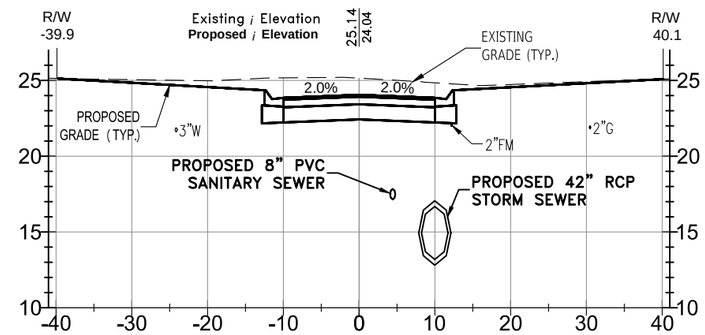

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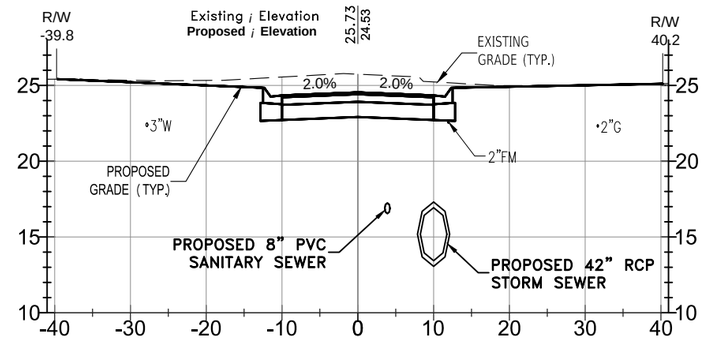

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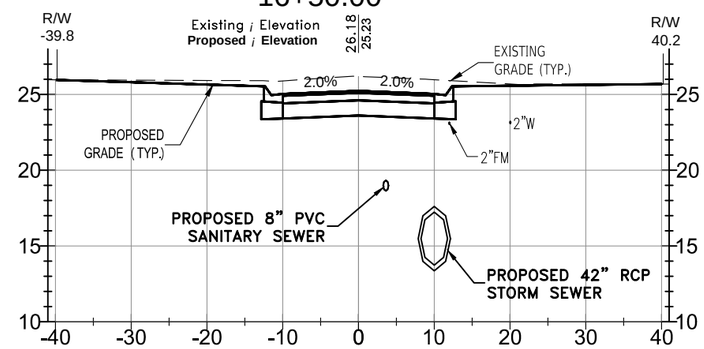

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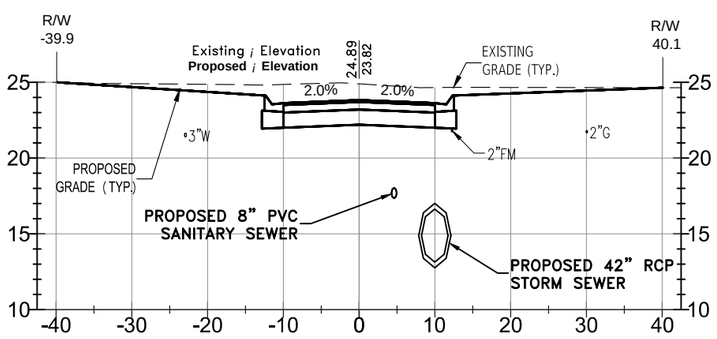

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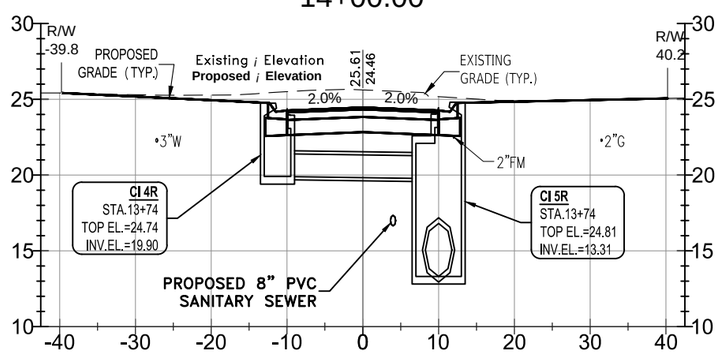

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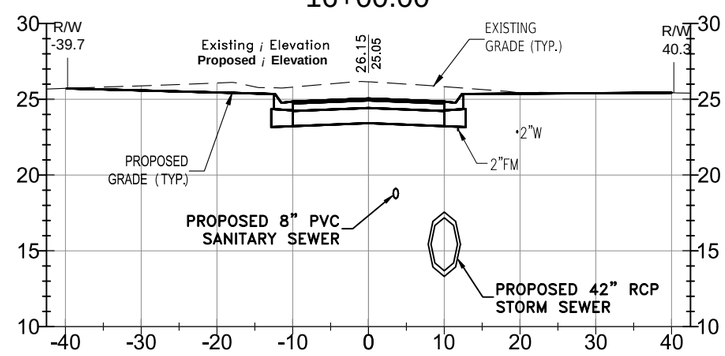

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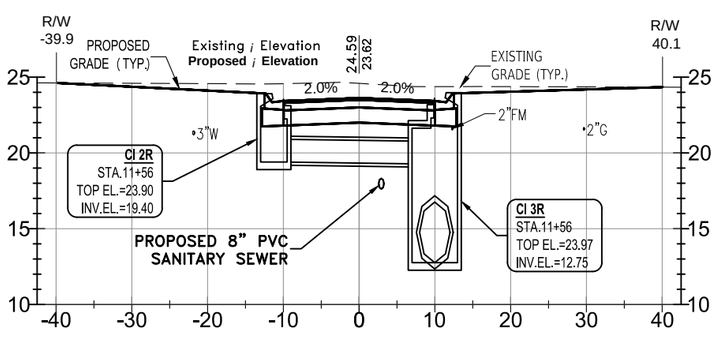

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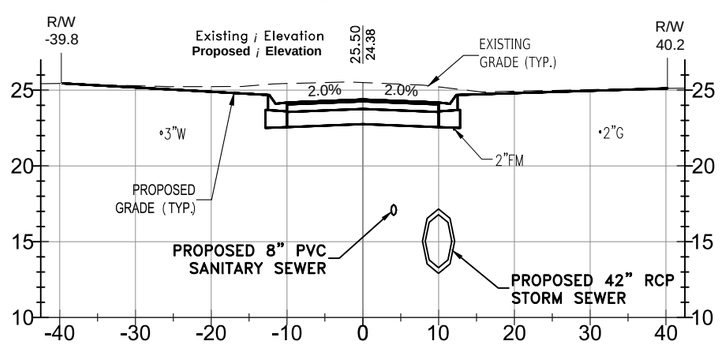

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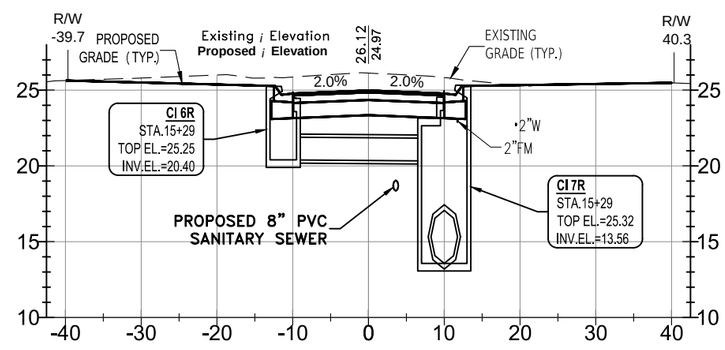

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RENTZ AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 11+52.33 TO STA. 16+50.00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
FIELD BOOK / PAGES: TC30 / 2-57	SECTION / TOWNSHIP / RANGE: 33 - 2S - 31 - AW
CHECKED BY: GPH	REG. P.E. & ENG. NO. 43970
DISTRICT: 2	DATE:
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.13
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.13.1

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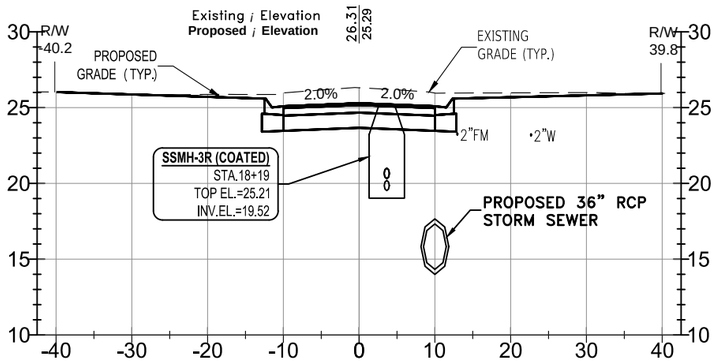
PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING: COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)		ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)			
	CHANGE INCORPORATION (Yellow Highlighter)			



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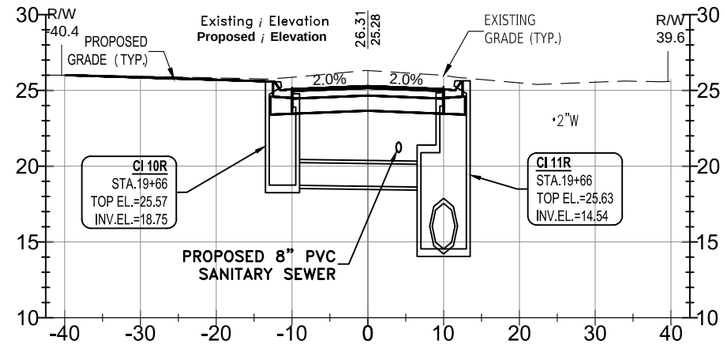

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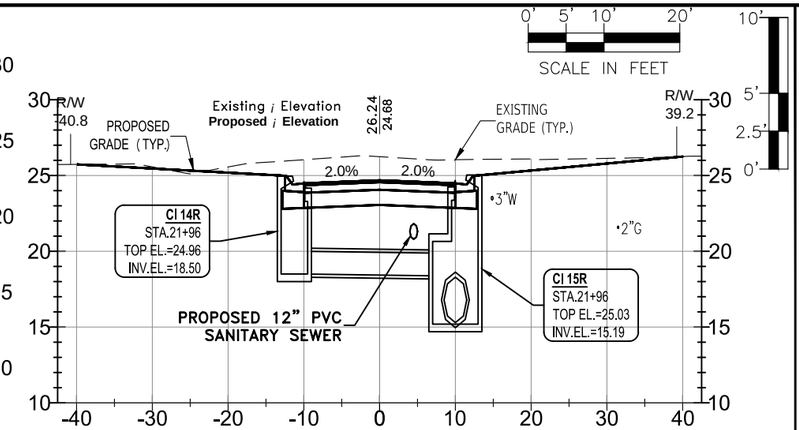

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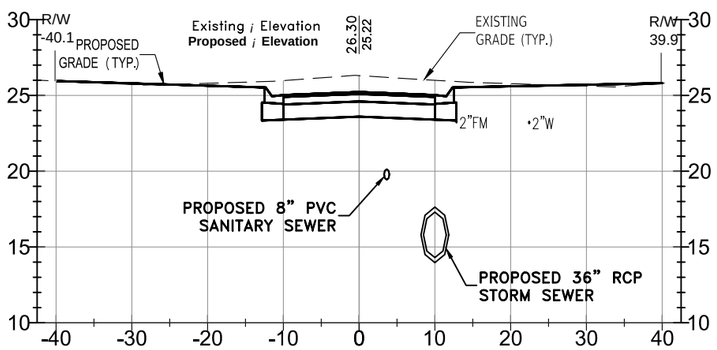

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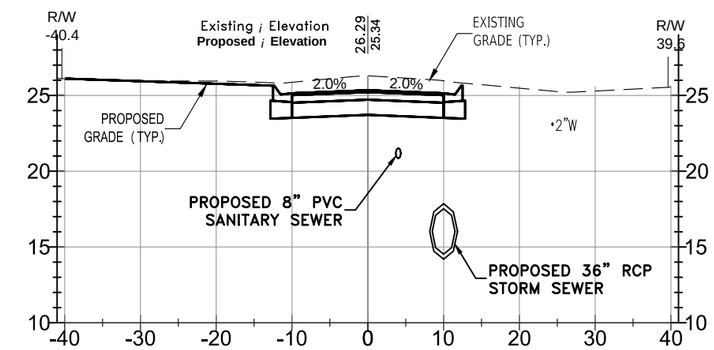

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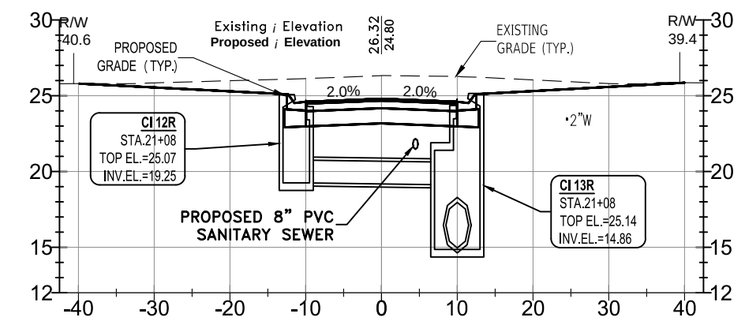

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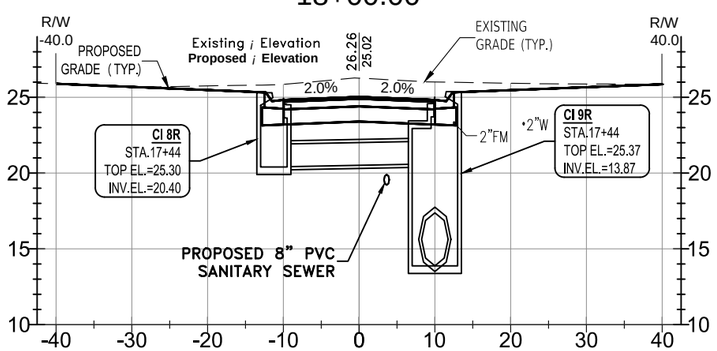

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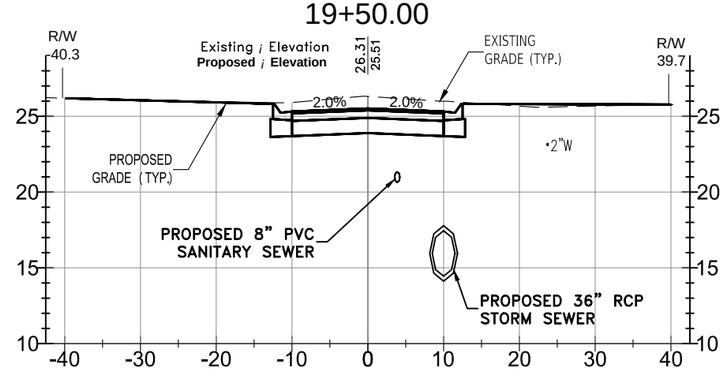

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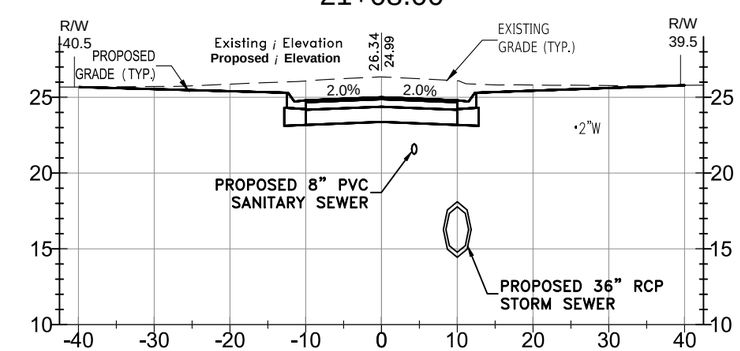

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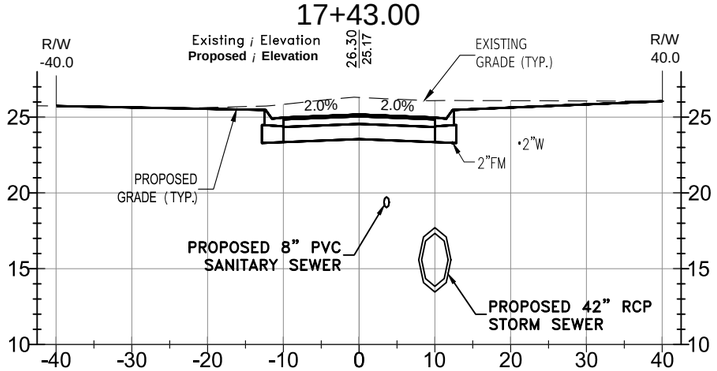

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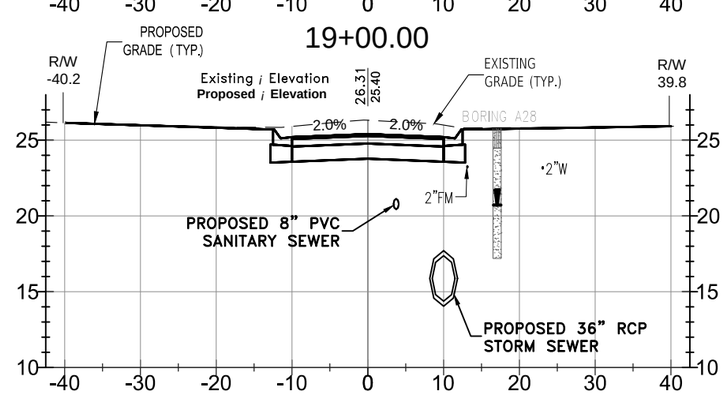

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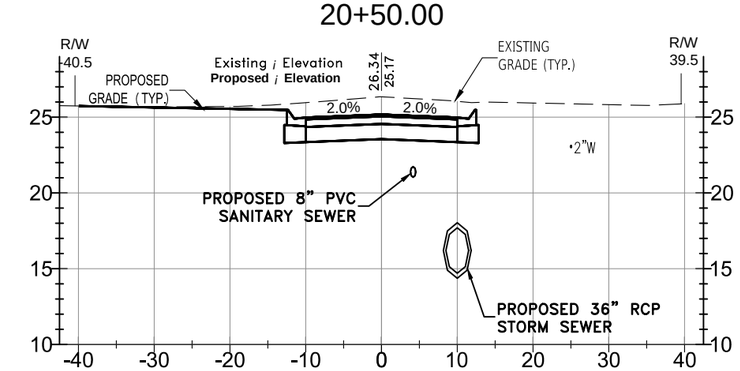

20+00.00

RENTZ AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 17+00.00 TO STA. 21+95.70

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. P.E. & INC. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK / PAGES: TC30 / 2-57	SECTION / TOWNSHIP / RANGE: 33 - 2S - 31W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.13
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.13.2

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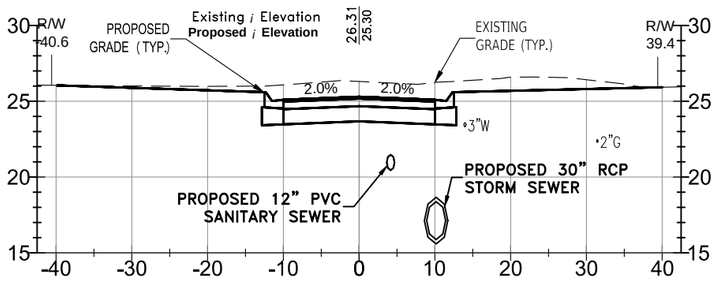
PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)
SIGNATURE:	CHECKER (RP)	ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)
	CHANGE INCORPORATION	(Yellow Highlighter)	ORIGINATOR VERIFICATION Correct (Pink Highlighter)



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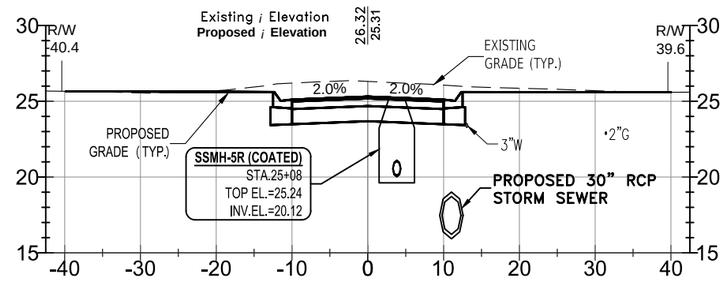

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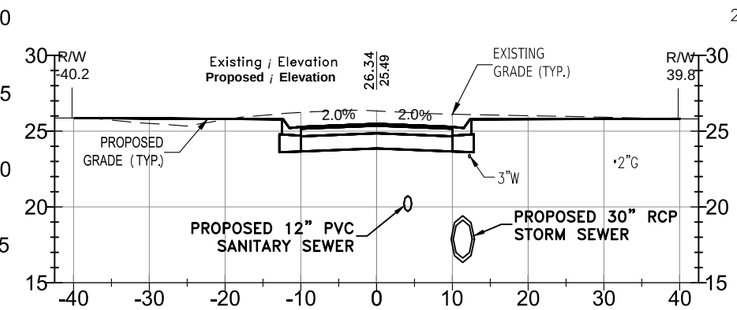

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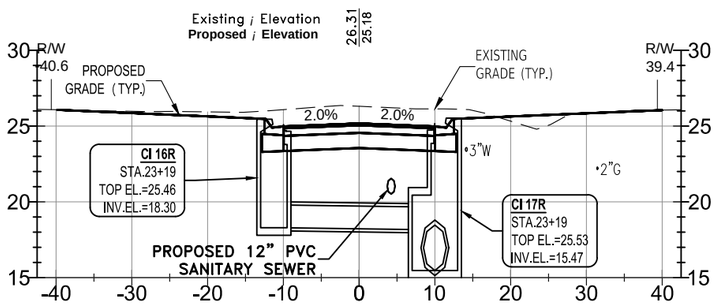

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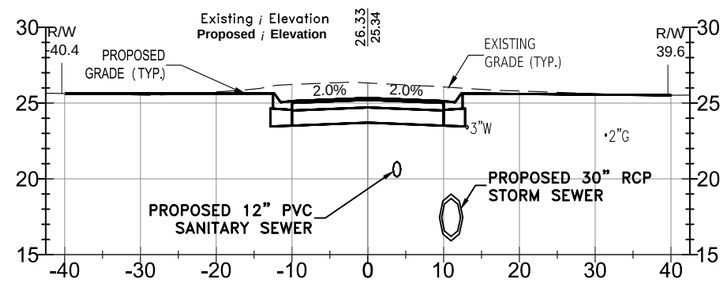

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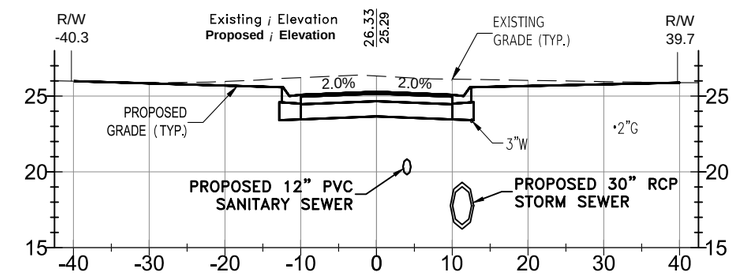

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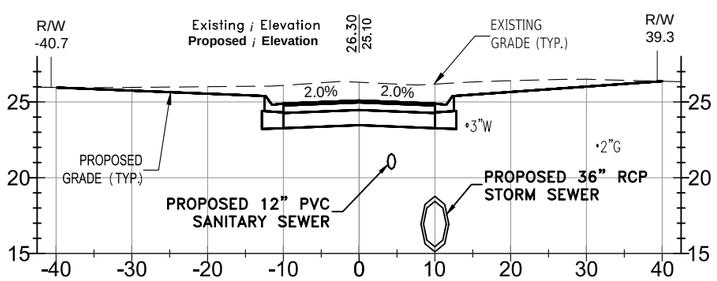

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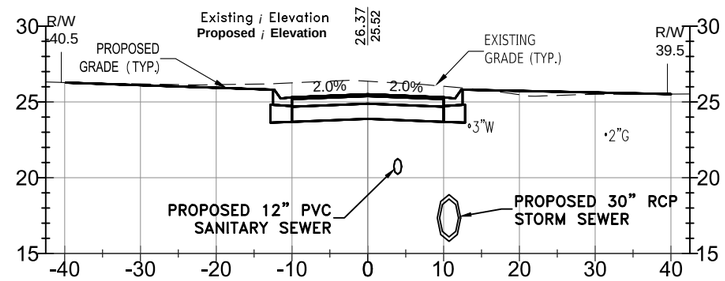

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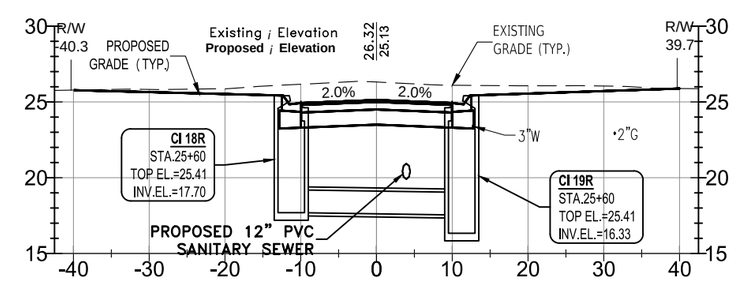

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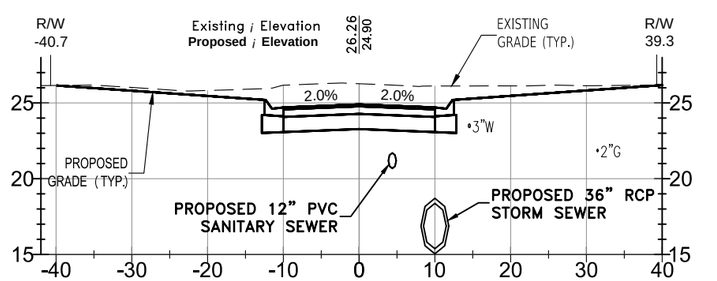

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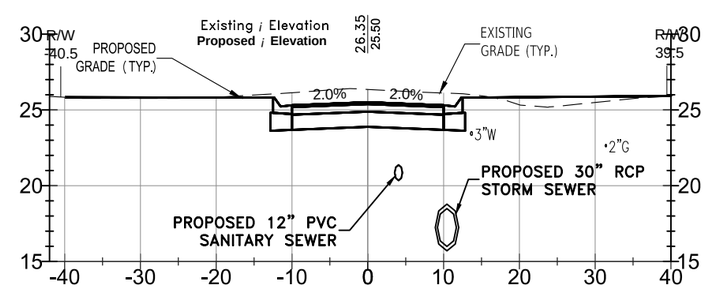

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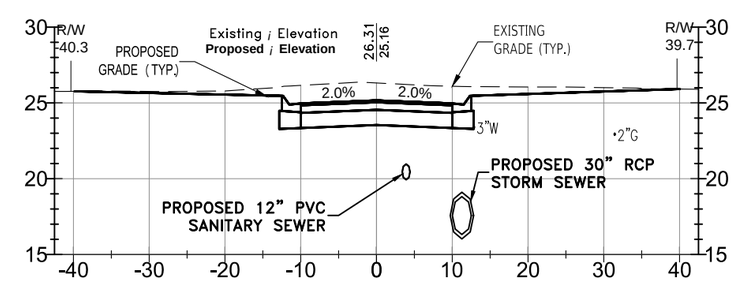

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0' 5' 10' 20'
SCALE IN FEET
10' 5' 2.5' 0'

RENTZ AVENUE
PHASE II - CRITICAL CROSS SECTIONS
STA. 22+50.00 TO STA. 26+50.00

ESCAMBIA COUNTY · FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. P.E. & ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
FIELD BOOK / PAGES: TC30 / 2-57	SECTION / TOWNSHIP / RANGE: 33 - 2S - 31W		DATE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.13
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.13.3

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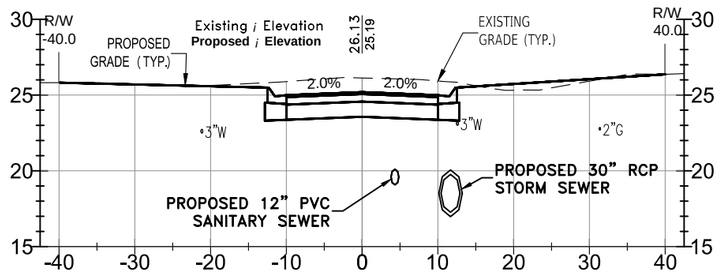
PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)
			CHANGE INCORPORATION (Yellow Highlighter)

VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE	
REMARK INCORPORATION (Blue Highlighter)	DATE	
ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE	



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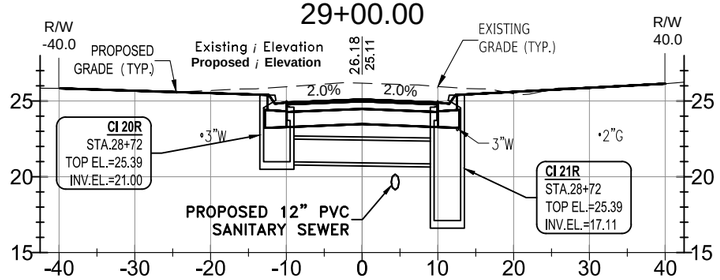

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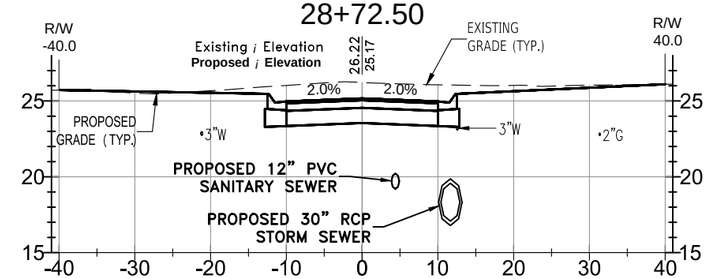

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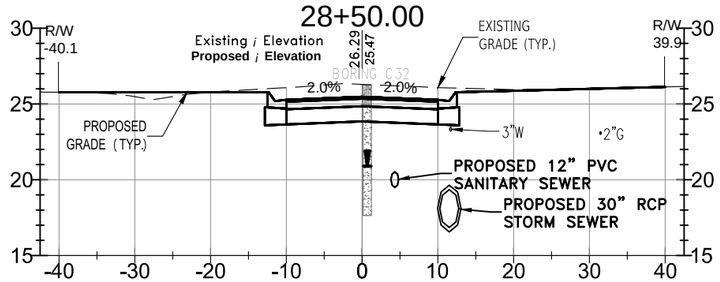

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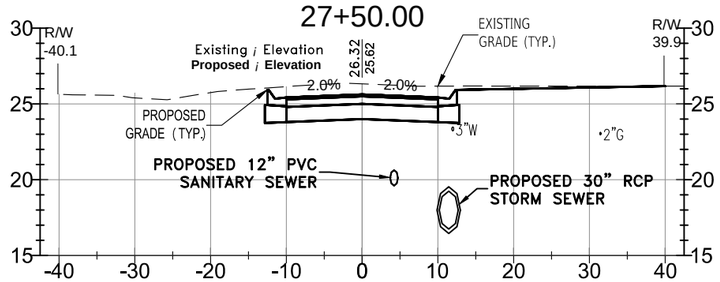

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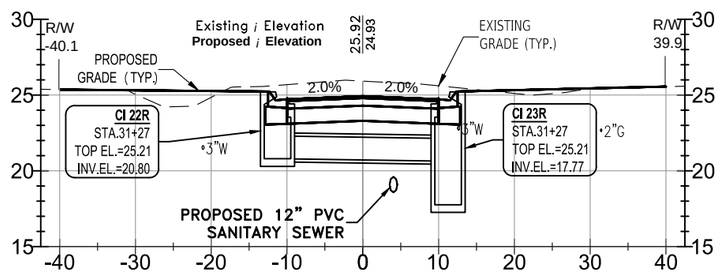

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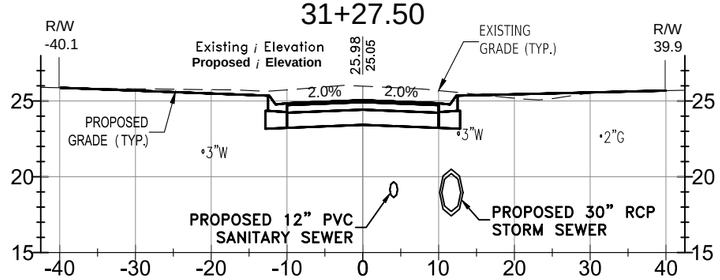

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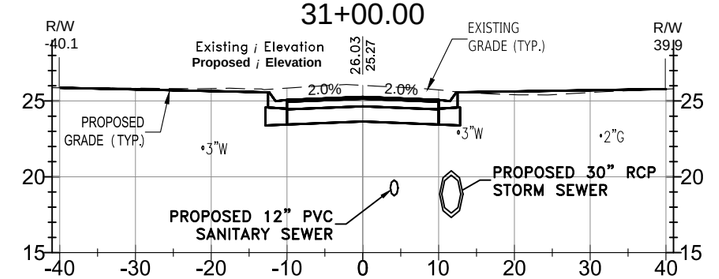

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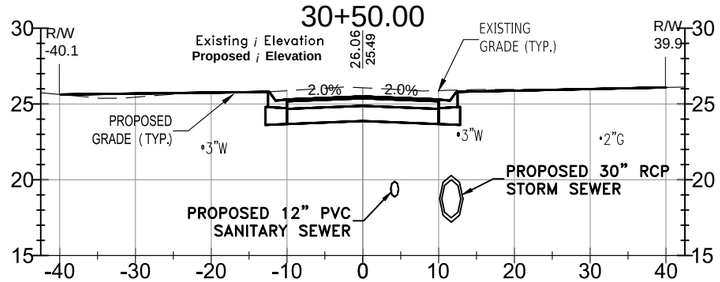

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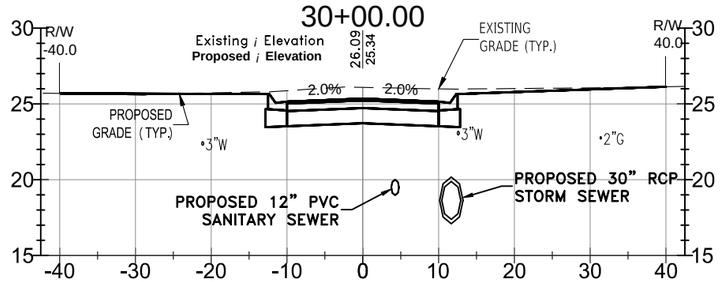

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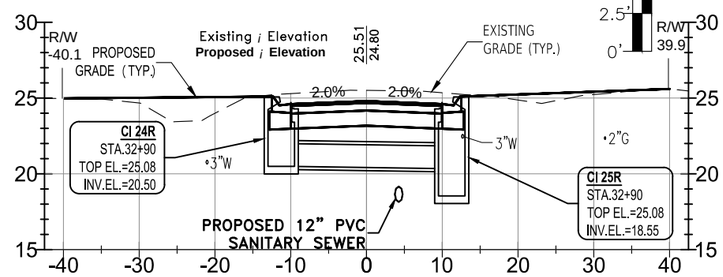

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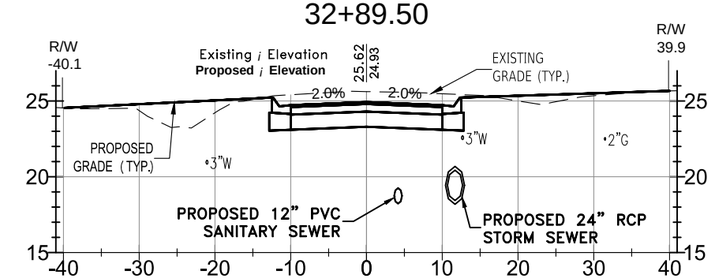

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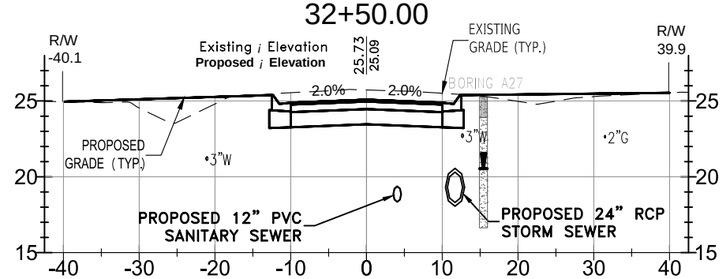

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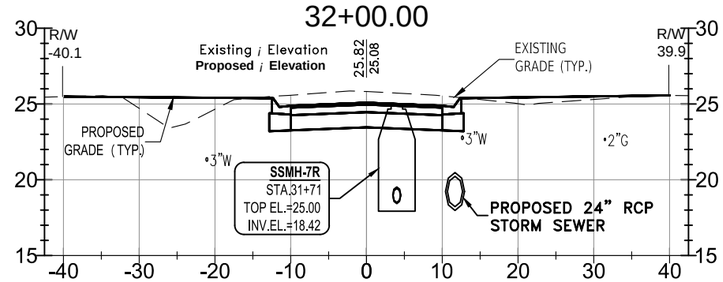

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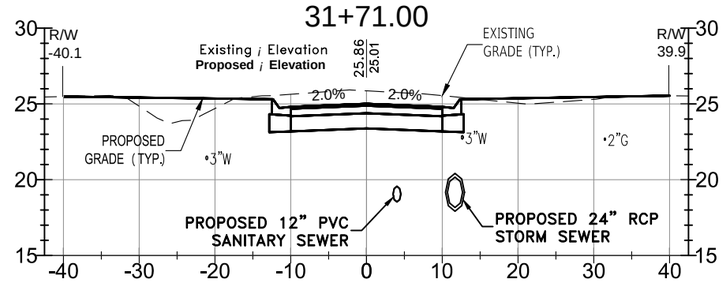

31+50.00

SCALE IN FEET

RENTZ AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 27+00.00 TO STA. 32+89.44

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	REG. FLA. ENG. NO. 43970
DESIGNED BY: GPH	CHECKED BY: GPH
PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2
DATE: MAY 2023	SIGNATURE:
FIELD BOOK/PAGES: TE302/1-2-53	SECTION/ TOWNSHIP/ RANGE 35-2S-31W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.13
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.13.4

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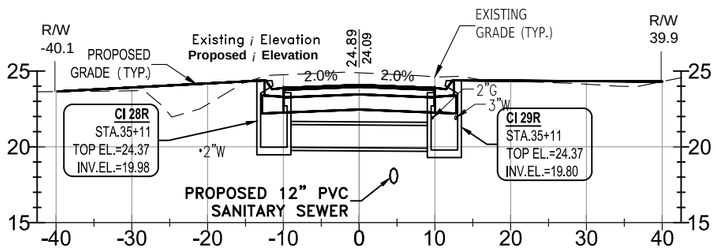
PHASE	ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE
REVIEW	ORIGINATOR (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE
SIGNATURE:	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)			
	CHANGE INCORPORATION	(Yellow Highlighter)			



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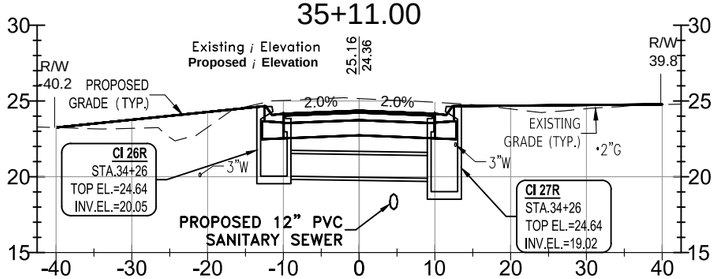

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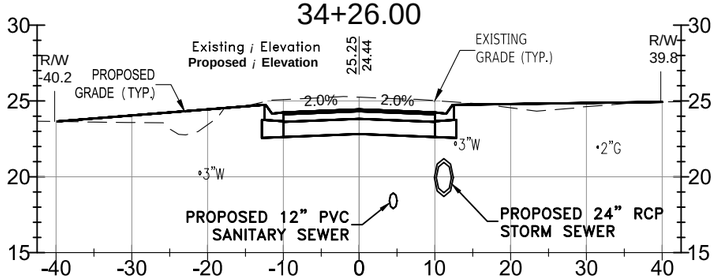

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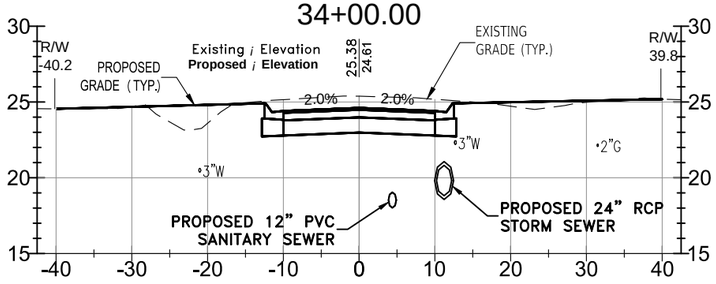

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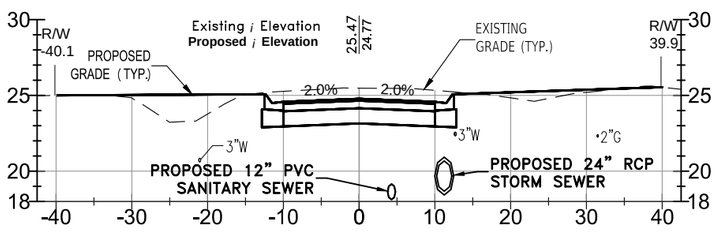

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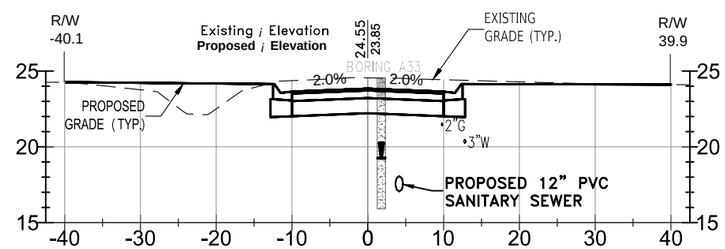

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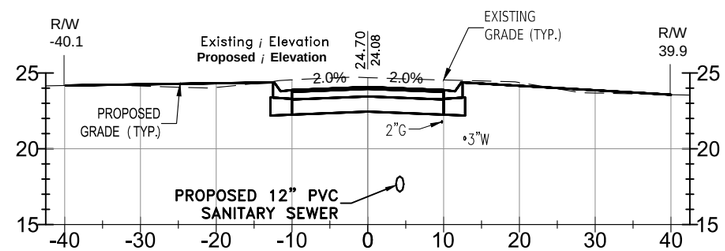

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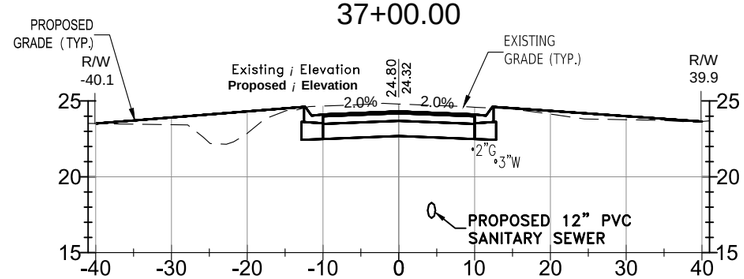

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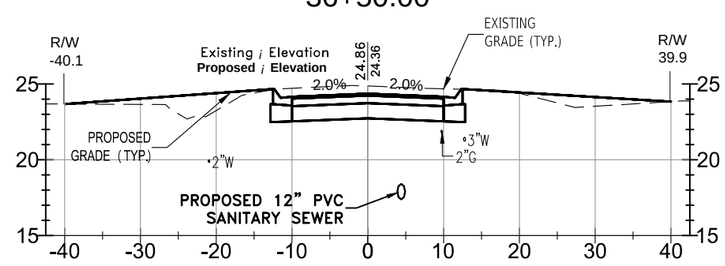

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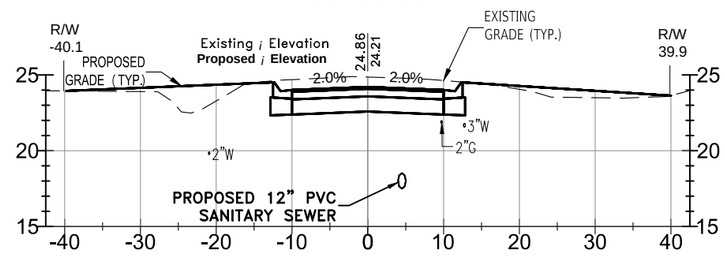

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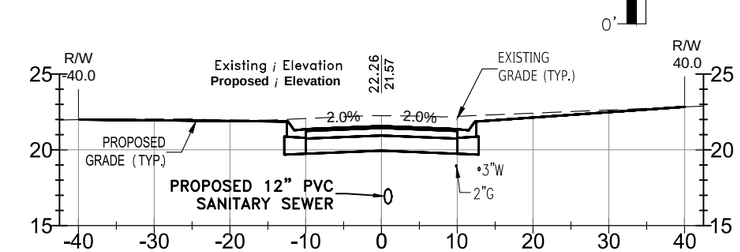

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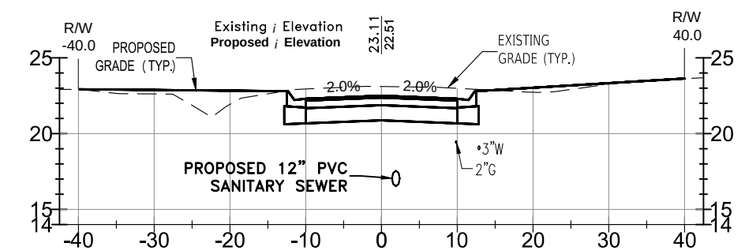

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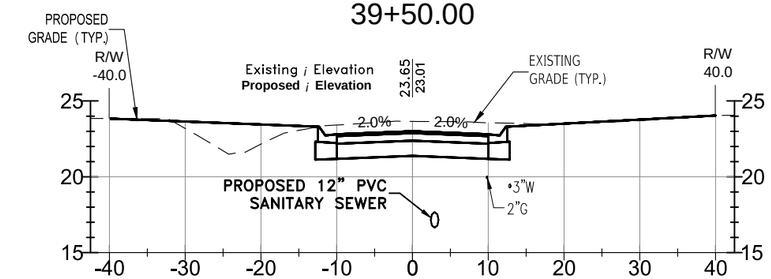

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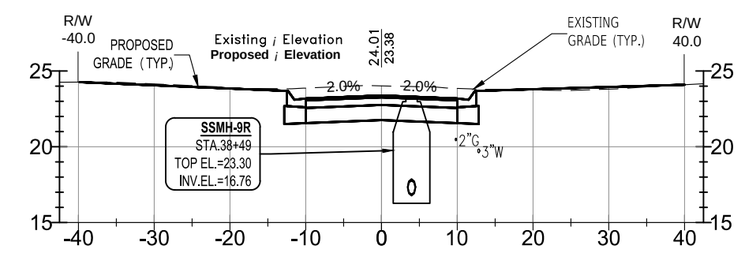

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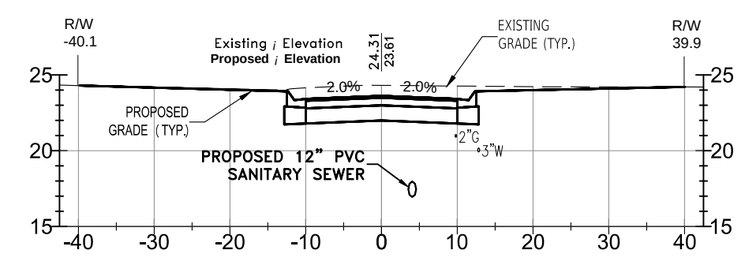

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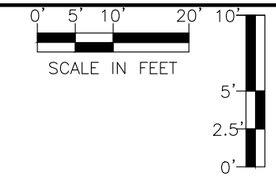

RENTZ AVENUE

PHASE II - CRITICAL CROSS SECTIONS

STA. 33+00.00 TO STA. 40+00.00

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION

ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
FIELD BOOK / PAGES: TE-530 / 1-5,5-7		SECTION / TOWNSHIP / RANGE 35 / 2S / 31W	DATE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.13
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.13.5

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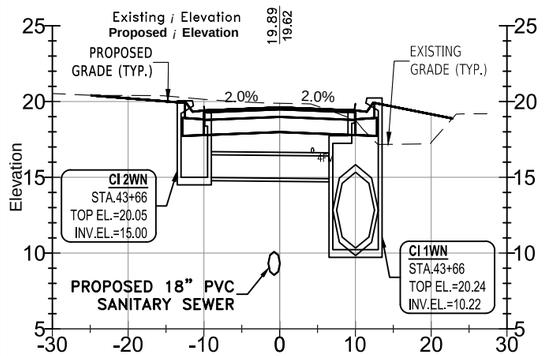
PHASE ____ REVIEW	ORIGINATOR (GR)	CHECKER (RP)	VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	REMARK INCORPORATION (Blue Highlighter)	DATE
			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
			CHANGE INCORPORATION (Yellow Highlighter)	DATE
			Correct (Green Highlighter) Change (Red Pen)	DATE
			(Red Pen X-Out to Disagree or Remark)	DATE



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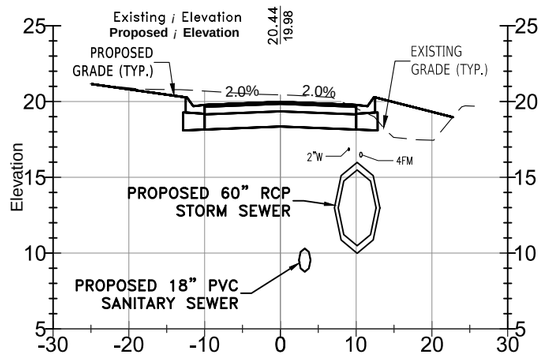

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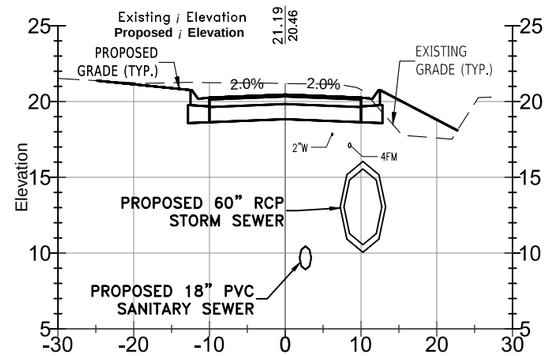

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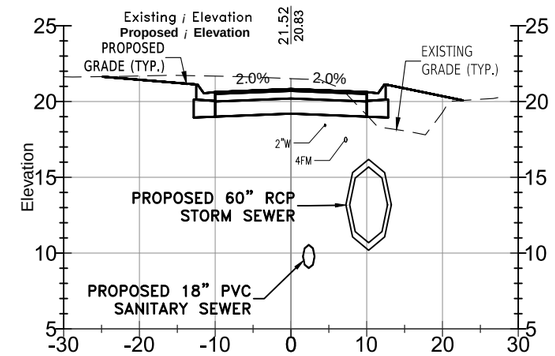

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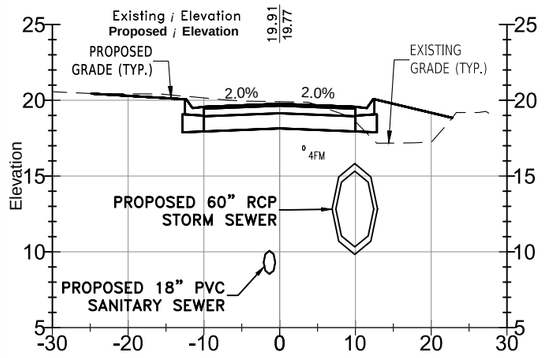

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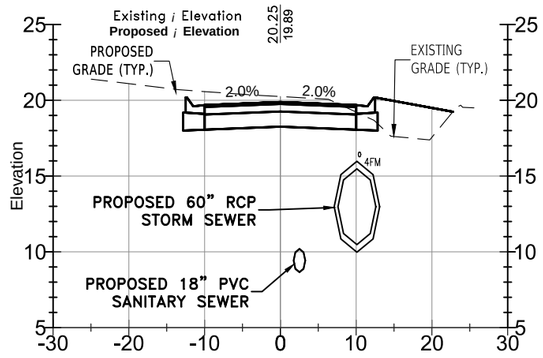

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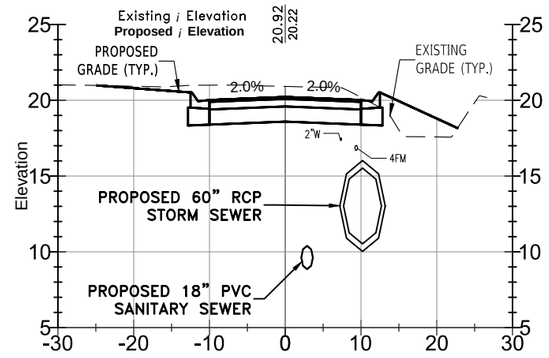

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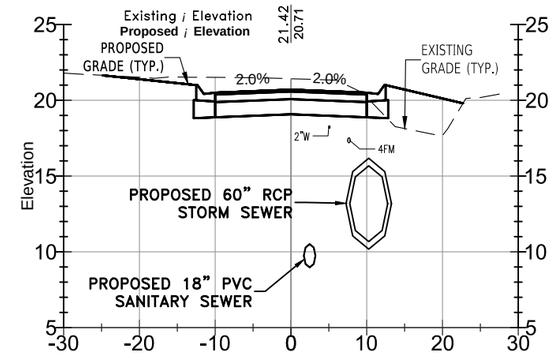

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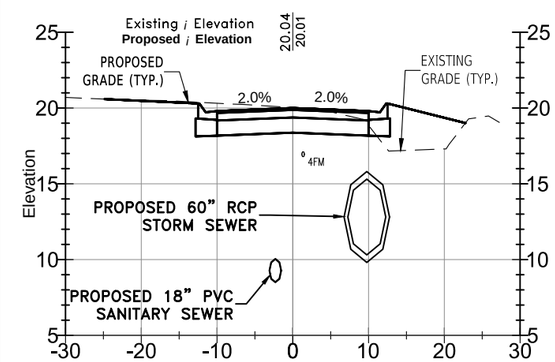

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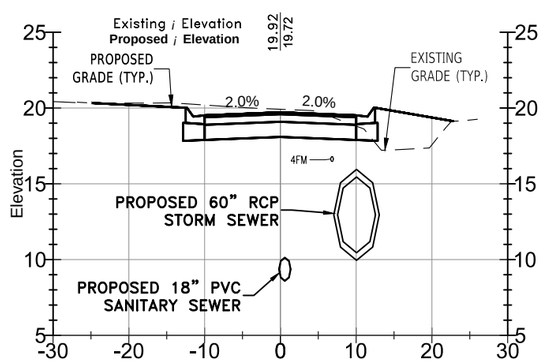

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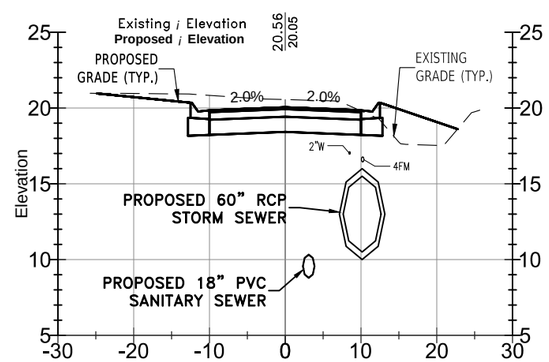

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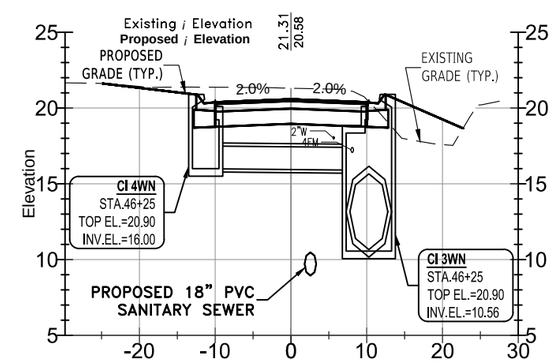


46+25.00

0' 5' 10' 20'
SCALE IN FEET
10' 5' 2.5' 0'

WINTON AVENUE (NORTH ST.)

PHASE II - CRITICAL CROSS SECTIONS

STA. 43+25.00 TO STA. 46+75.00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
FIELD BOOK / PAGES: TC30/1-2-3	SECTION / TOWNSHIP / RANGE: 33 / 2S / 31W
	DISTRICT: 2
	CHECKED BY: GPH
	REG. FLA. ENG. NO. 43970
	DATE:
	SIGNATURE:

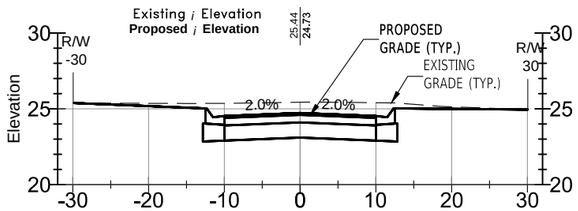
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.14
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.14.6

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.14 Winton Avenue (North St)CS - PH II.dwg, May 25, 2023 - 11:14:05AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	
CHECKER (RP)	(Red Pen, X-Out to Disagree or Remark)	
CHANGE INCORPORATION	(Yellow Highlighter)	



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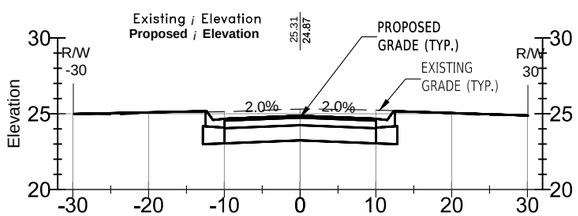

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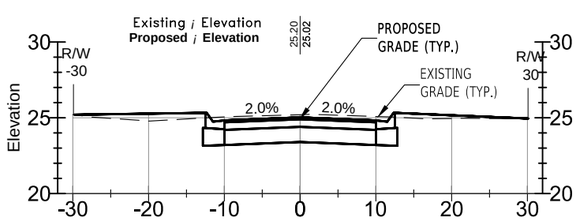

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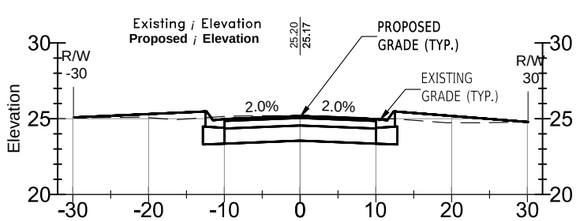

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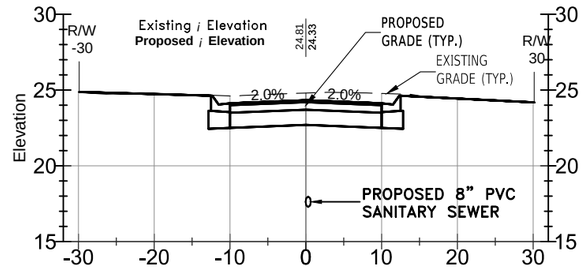

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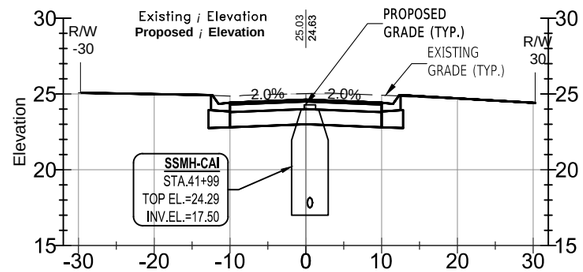

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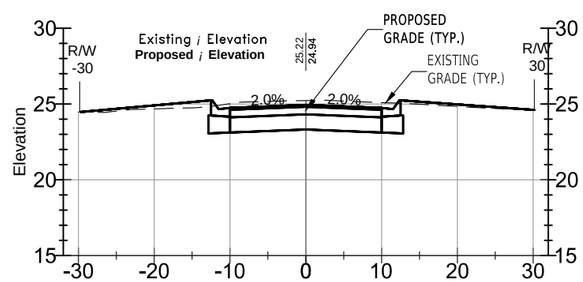

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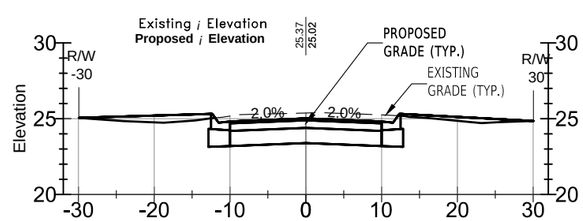

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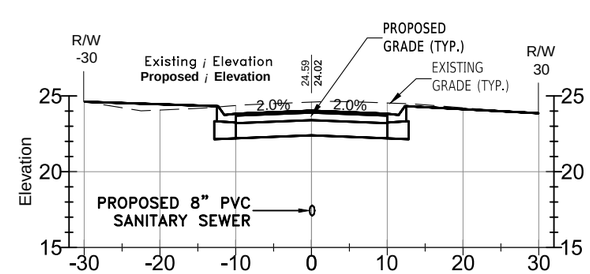

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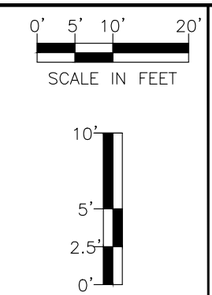

CAIRO STREET

PHASE I,II - CRITICAL CROSS SECTIONS

STA. 38+00.00 TO STA. 43+00.00

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION

ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	CHECKED BY: GPH
DESIGNED BY: GPH	REG. FLA. ENG. NO. 43970
PROJECT MANAGER: CHRIS A. CURB	DATE:
DATE: MAY 2023	DISTRICT: 2
FIELD BOOK/ PAGES: TE30/1-53	SIGNATURE:
	SECTION/ TOWNSHIP/ RANGE 35/-2S/-31W

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.15
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.15.3

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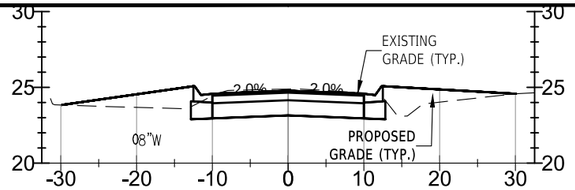
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION (Blue Highlighter)	DATE
		CHANGE INCORPORATION (Yellow Highlighter)	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
			Correct (Green Highlighter) Change (Red Pen)	



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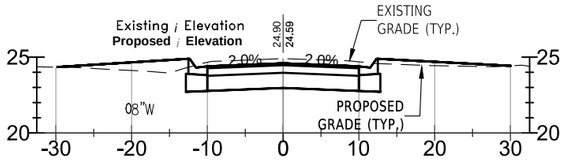

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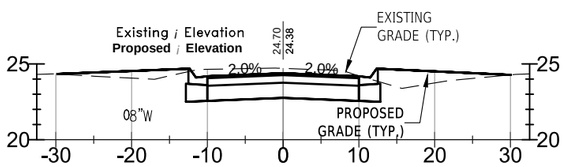

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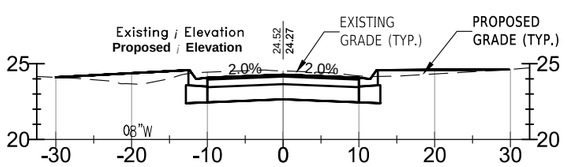

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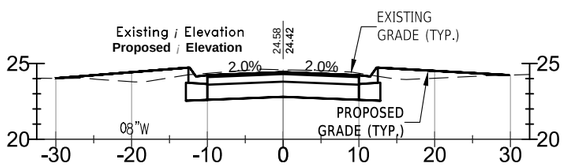

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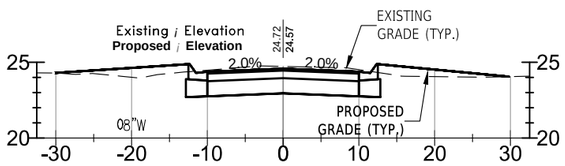

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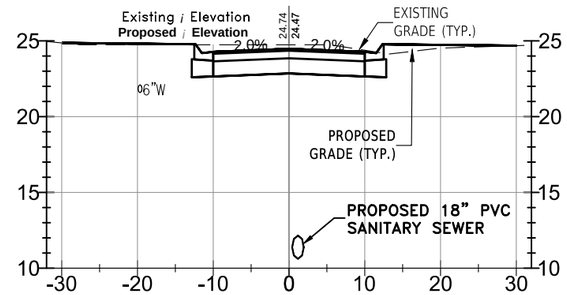

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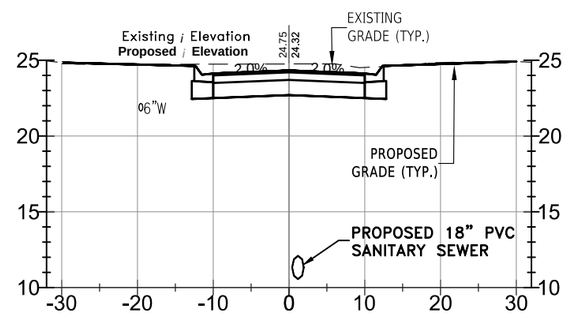

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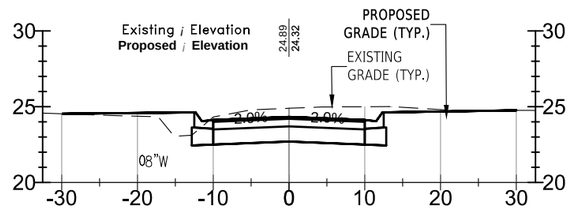

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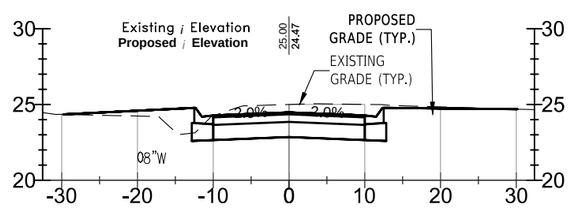

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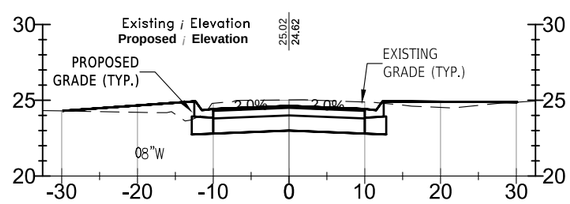

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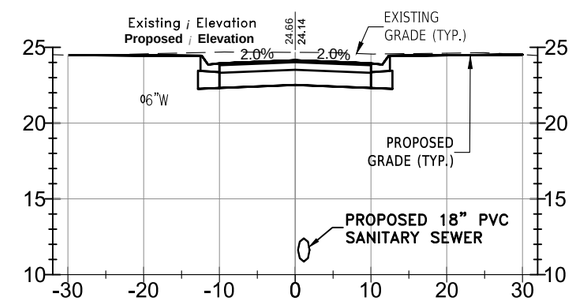

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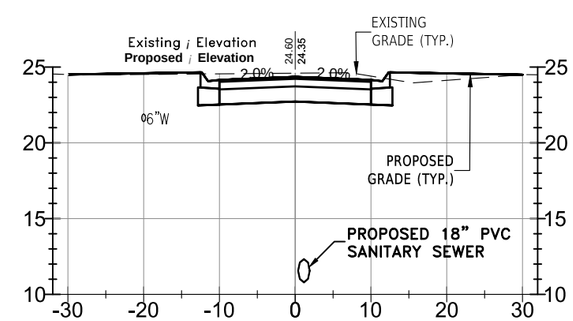

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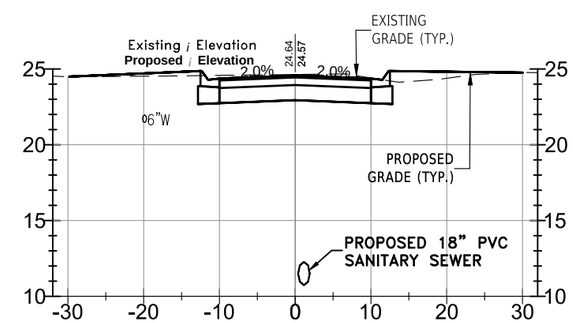

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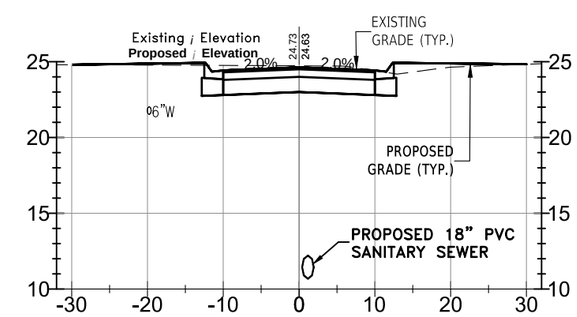


45+50.00

0' 5' 10' 20'
SCALE IN FEET

10'
5'
2.5'
0'

LAMAR STREET
PHASE I,II - CRITICAL CROSS SECTIONS
STA. 38+00.00 TO STA. 48+00.00

ESCAMBIA COUNTY FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: WEB	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO.: 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
FIELD BOOK / PAGE: TEC591-XS		SECTION / TOWNSHIP / RANGE: 35 - 2 - S - 31 - W	DATE:

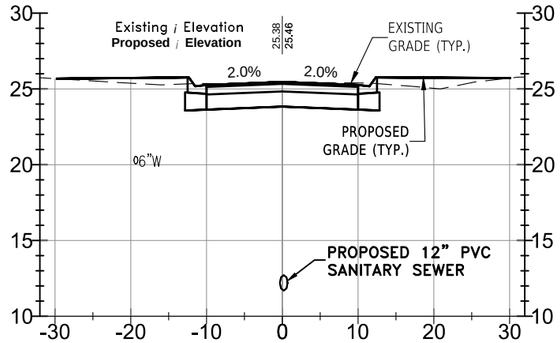
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.16
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.16.3

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.16 Lamar StreetCS - PH II.dwg, May 25, 2023 - 11:15:16AM, gpotter

PHASE ____ REVIEW	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
ORIGINATOR (RP)		REMARK INCORPORATION (Blue Highlighter)	
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		ORIGINATOR VERIFICATION Correct (Pink Highlighter)	
SIGNATURE:			

ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)		
CHECKER (RP) (Red Pen X-Out to Disagree or Remark)		
CHANGE INCORPORATION (Yellow HighLighter)		



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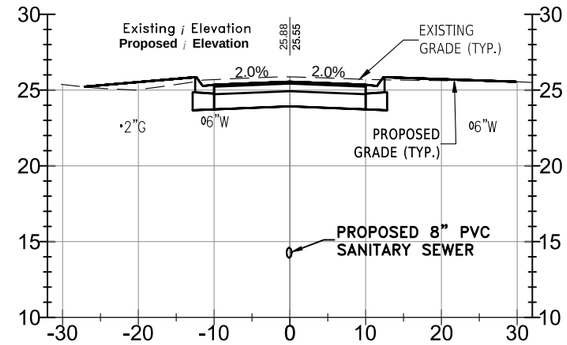

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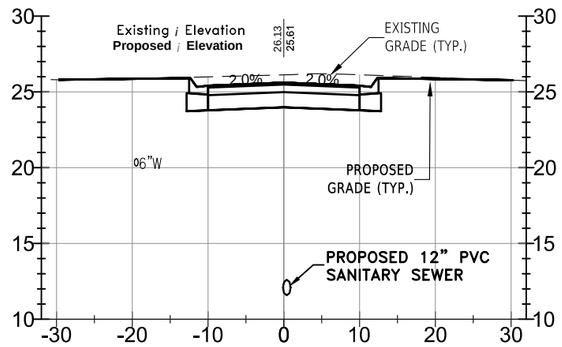

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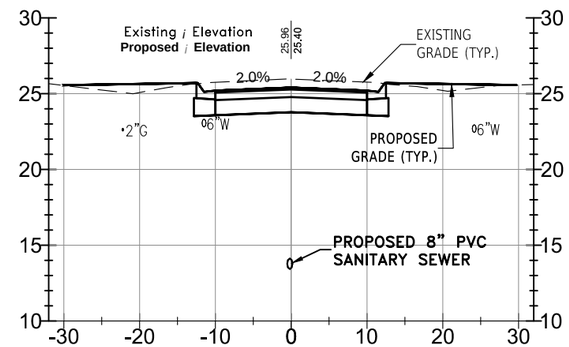

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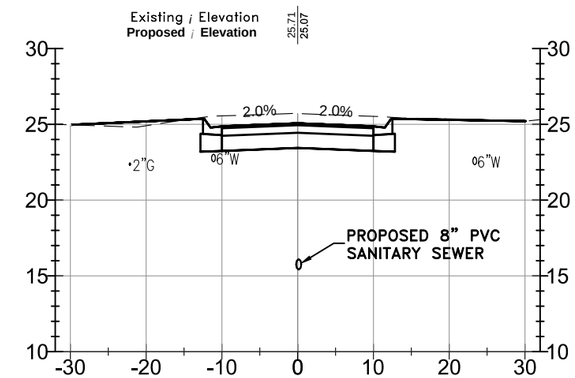

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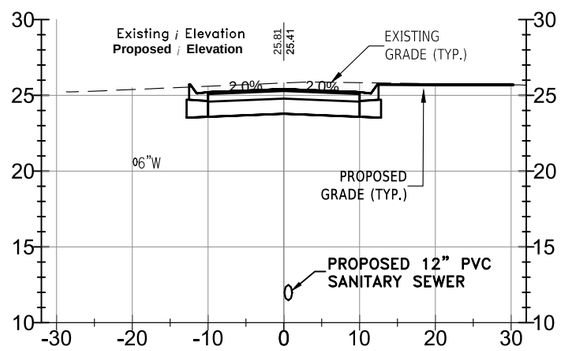

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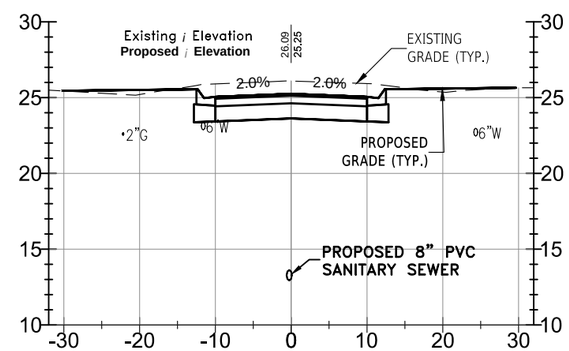

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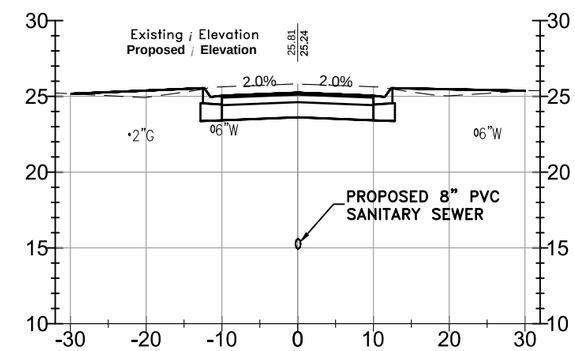

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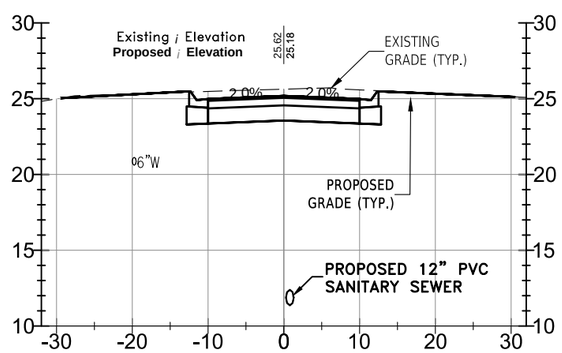

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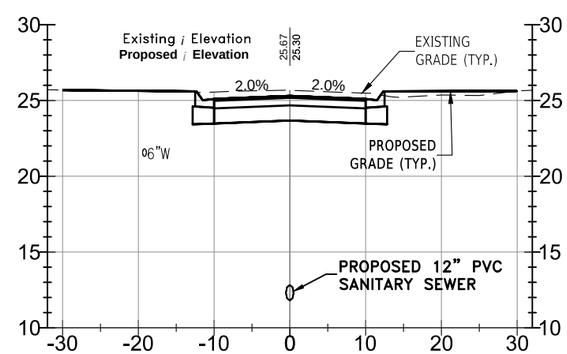

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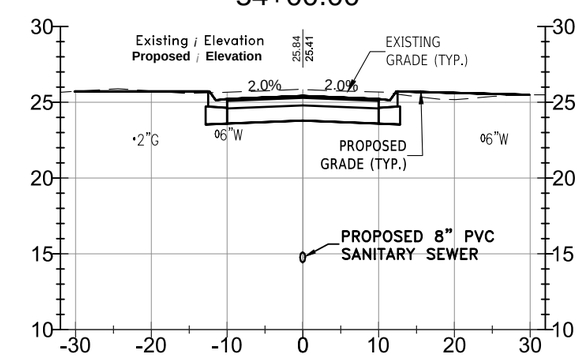

53+50.00

0' 5' 10' 20'
SCALE IN FEET

10'
5'
2.5'
0'

LAMAR STREET
PHASE I,II - CRITICAL CROSS SECTIONS
STA. 48+50.00 TO STA. 54+50.00

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: WEB	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK/ PAGES: TEC331-A5		SECTION/ TOWNSHIP/ RANGE 35-2-S 31-W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.16
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.16.4

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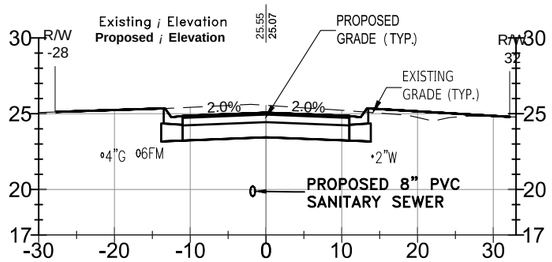
PHASE ____ REVIEW			
ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)	REMARK INCORPORATION (Blue Highlighter)	DATE
	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
SIGNATURE:	CHANGE INCORPORATION (Yellow Highlighter)		



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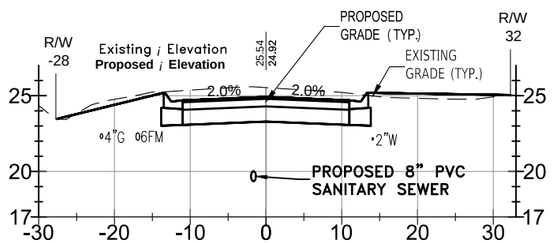

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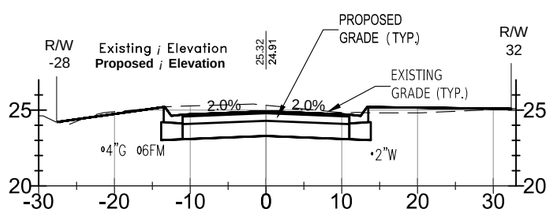

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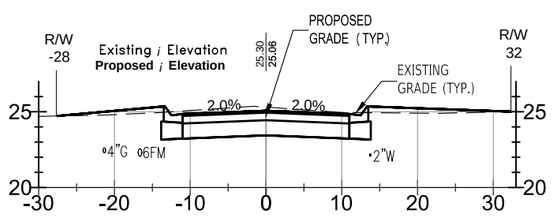

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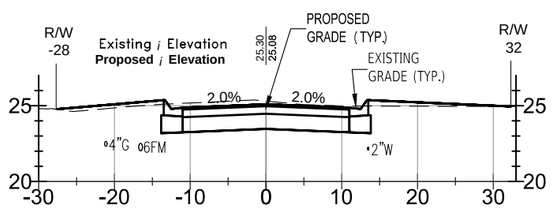

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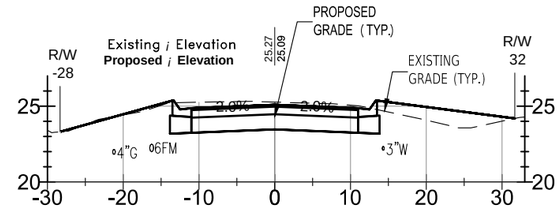

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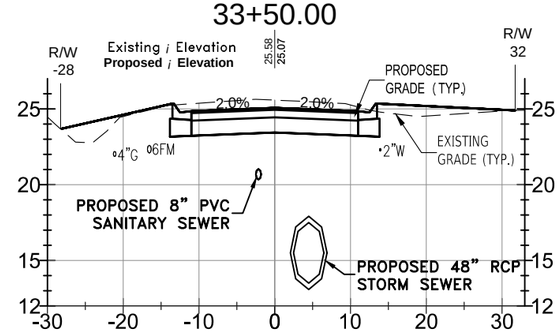

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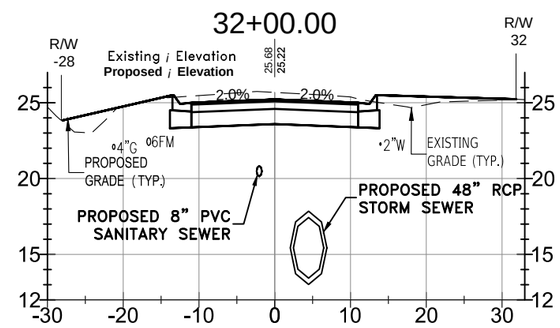

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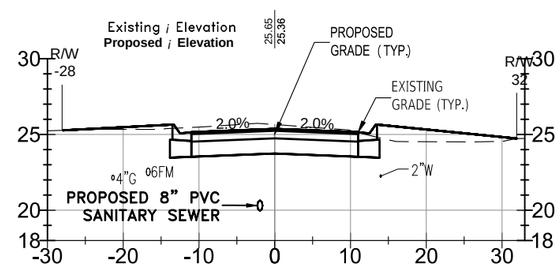

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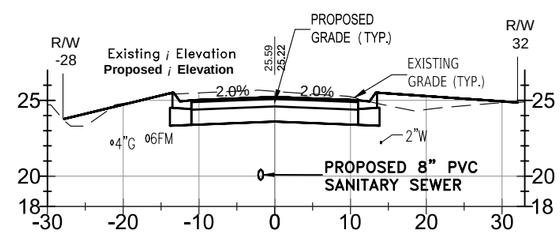

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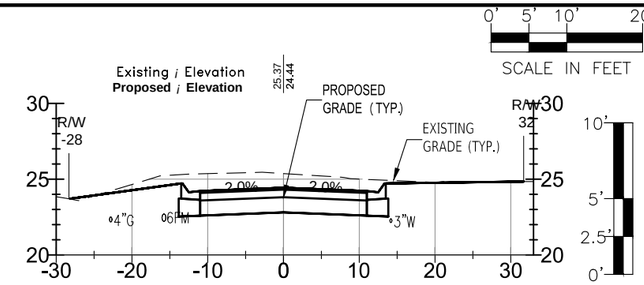

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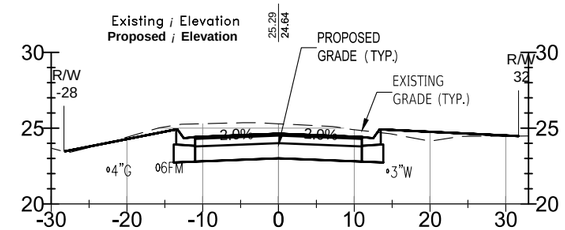

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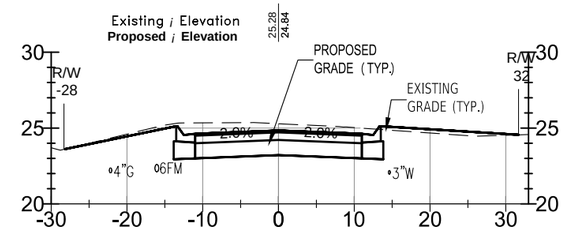

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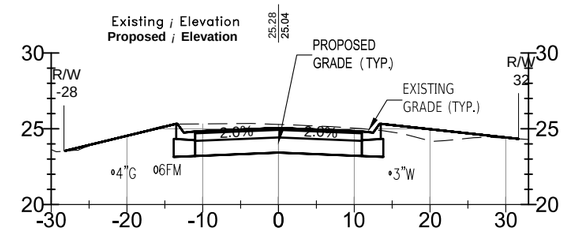

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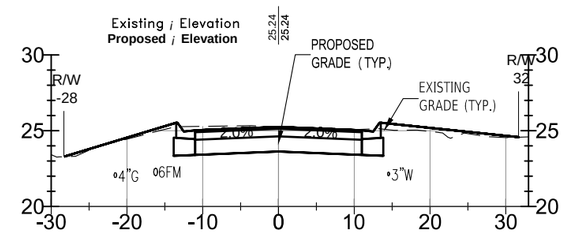


34+00.00

0' 5' 10' 20'
SCALE IN FEET
10'
5'
2.5'
0'

ELIASBERG STREET
PHASE I,II - CRITICAL CROSS SECTIONS
STA. 27+50.00 TO STA. 36+00.00

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TJAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO.: 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK/ PAGES: TE/320 / 1-5,57	SECTION / TOWNSHIP / RANGE: 35 - 2S - 31-30		SIGNATURE:

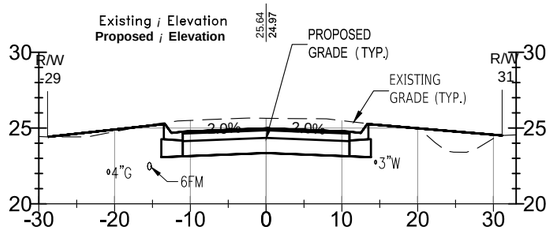
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.17
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.17.2

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.17 Eliasburg StreetCS - PH II.dwg, May 25, 2023 - 11:16:03AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
	PRODUCTION, CHECKING, COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	
CHECKER (RP)	(Red Pen X-Out, to Disagree or Remark)	
CHANGE INCORPORATION	(Yellow Highlighter)	



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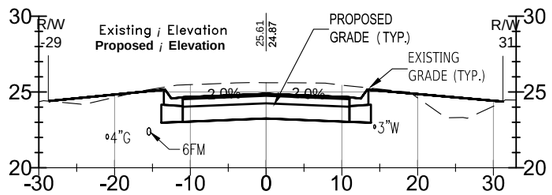

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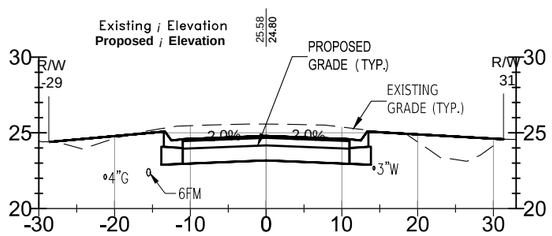

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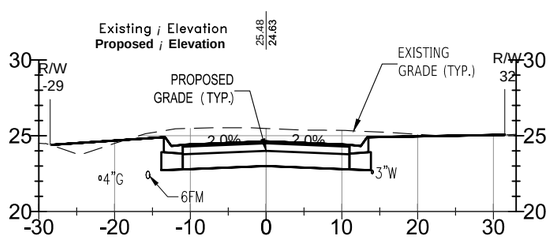

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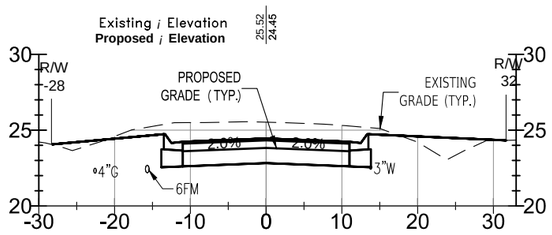

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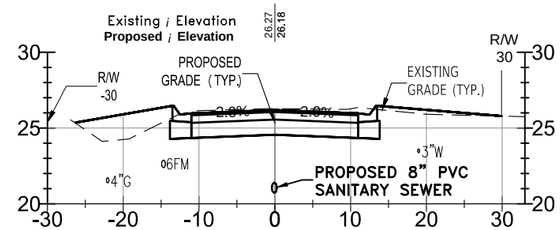

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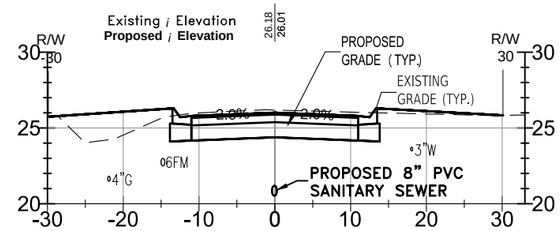

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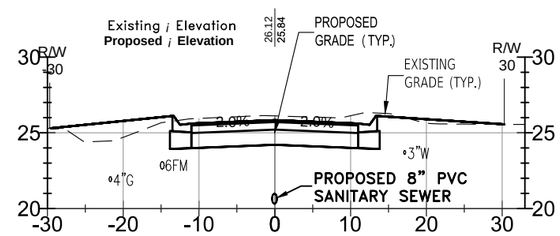

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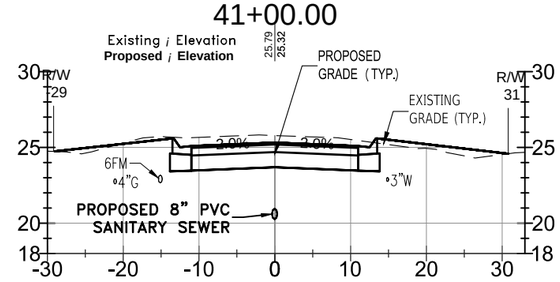

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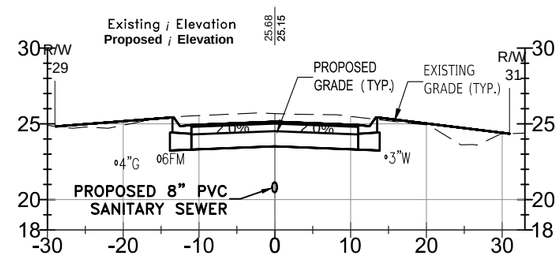

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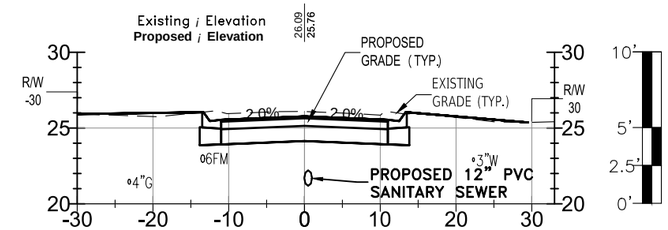

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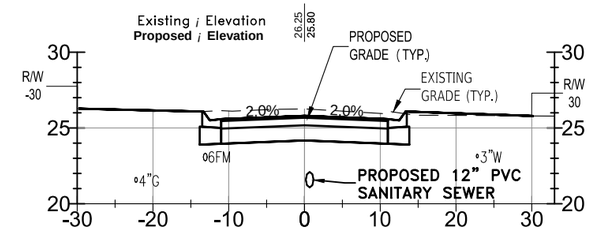

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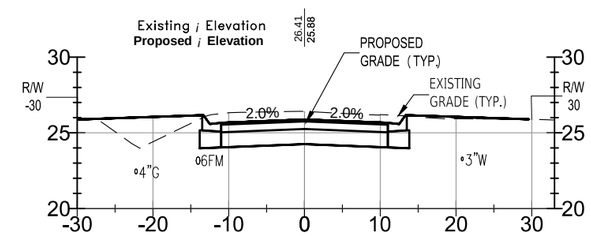

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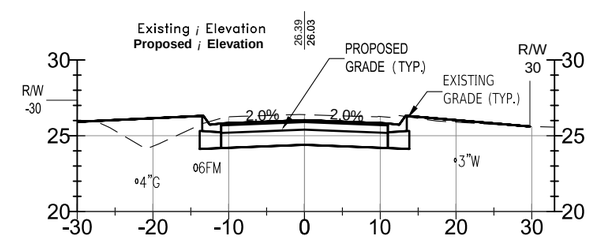

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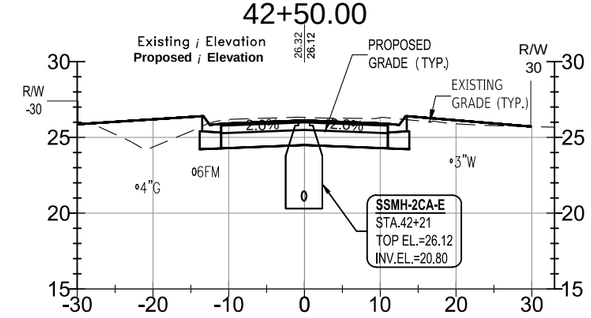


42+21.00

0' 5' 10' 20'
SCALE IN FEET

ELIASBERG STREET
PHASE II - CRITICAL CROSS SECTIONS
STA. 37+00.00 TO STA. 45+50.00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

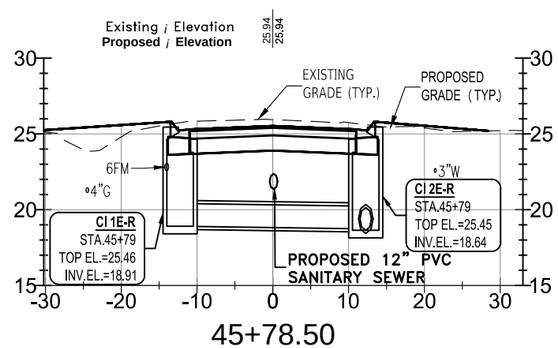
DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
FIELD BOOK/ PAGES: TEC50 / 1-5,9	SECTION/ TOWNSHIP/ RANGE: 35/ -2-S / 31-W
CHECKED BY: GPH	DISTRICT: 2
REG. ELA. ENG. NO. 43970	SIGNATURE:
DATE:	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.17
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.17.3

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.17 Eliasburg StreetCS - PH II.dwg, May 25, 2023 - 11:16:20AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter) DATE
	PRODUCTION, CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter) DATE
SIGNATURE:	CHECKER (RP)	ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)	ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE
	CHANGE INCORPORATION	(Red Pen X-Out to Disagree or Remark)	
		(Yellow Highlighter)	



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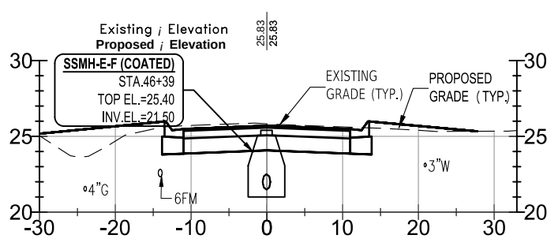

46+39.00

0' 5' 10' 20'
SCALE IN FEET

10'
5'
2.5'
0'

ELIASBERG STREET
PHASE II - CRITICAL CROSS SECTIONS
STA. 45+75.00 TO STA. 47+00.00

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK / PAGES: TCS01 / 2-5,7	SECTION / TOWNSHIP / RANGE: 35 / 2-5S / 31-3E		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 4.17
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 4.17.4

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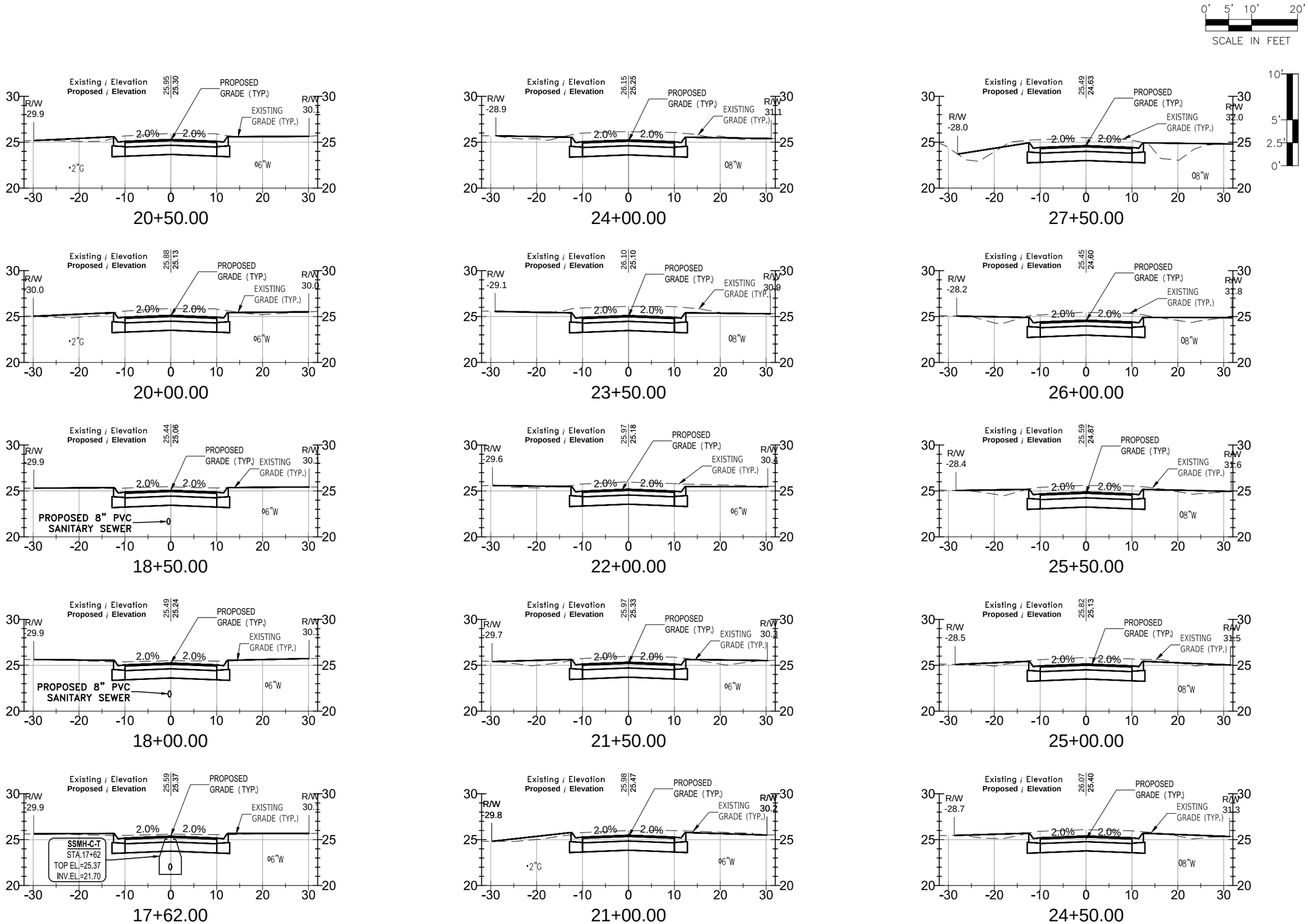
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)	REMARK INCORPORATION (Blue Highlighter)	DATE
SIGNATURE:		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
		CHANGE INCORPORATION (Yellow Highlighter)		



TALBERT STREET

PHASE I,II - CRITICAL CROSS SECTIONS

STA. 17+50.00 TO STA. 27+50.00

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION

ESCAMBIA COUNTY, FLORIDA

3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK/ PAGES: TE301/1-53		SECTION/ TOWNSHIP/ RANGE 35/-2S/-31W	SIGNATURE:

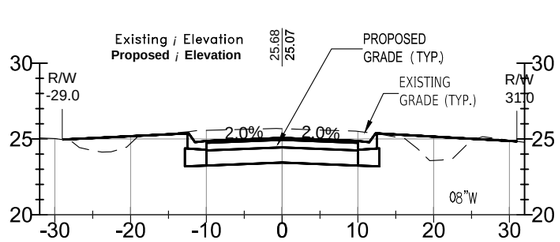
NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.18
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.18.1

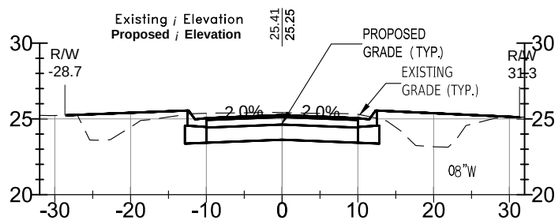
F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.18 Talbert StreetCS - PH II.dwg, May 25, 2023 - 11:17:05AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP) (Red Pen X-Out to Discarme or Remark)
SIGNATURE:			CHANGE INCORPORATION (Yellow Highlighter)

DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE	
DATE	REMARK INCORPORATION (Blue Highlighter)	DATE	
DATE	ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE	



31+00.00



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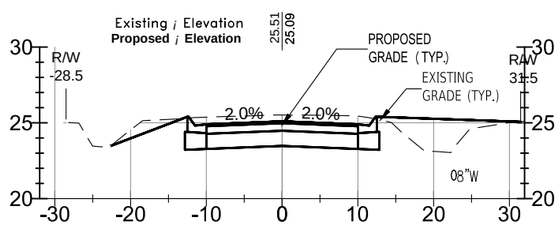

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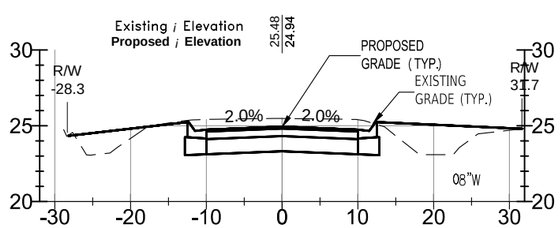

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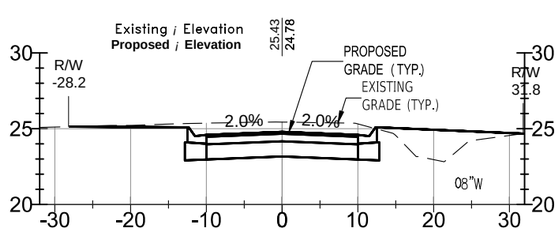

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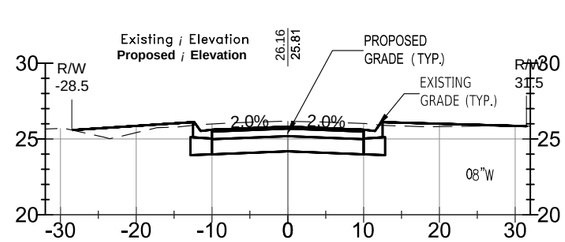
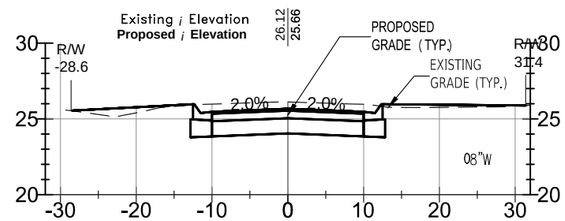


33+50.00



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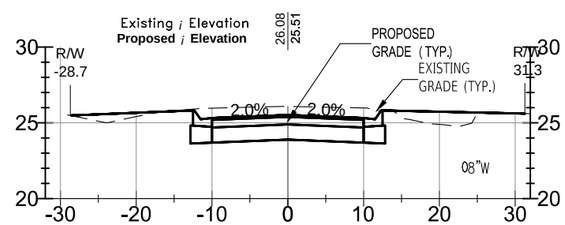

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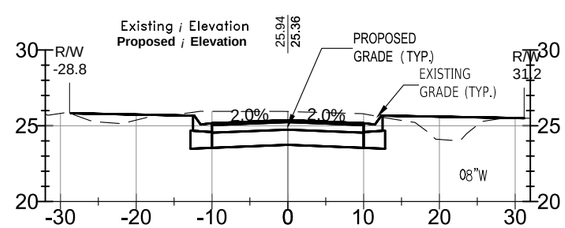

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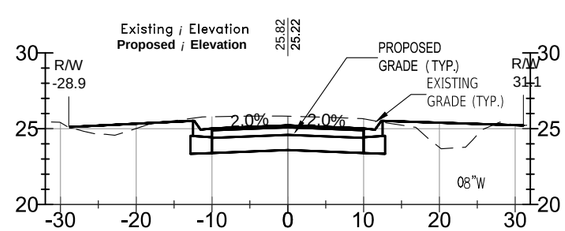

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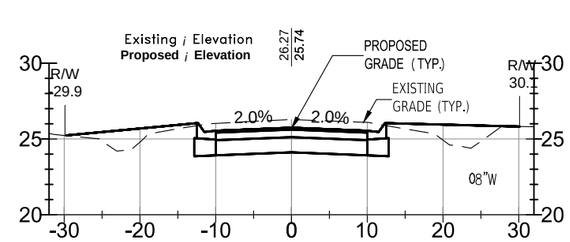

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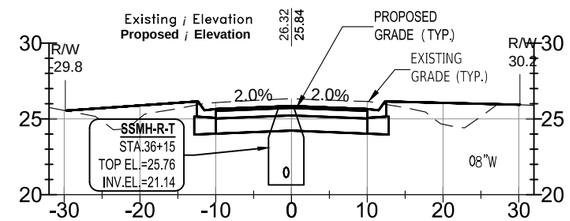

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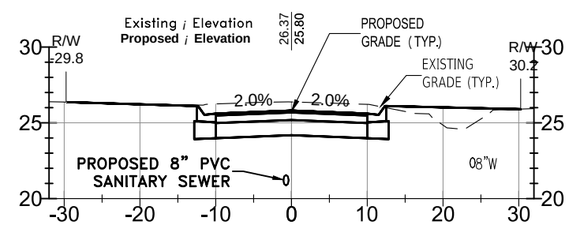

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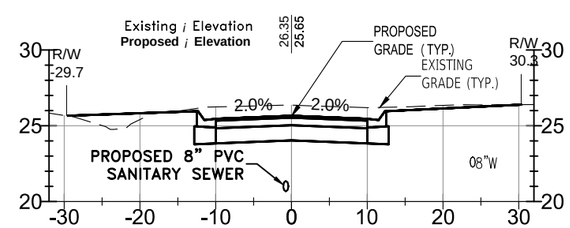

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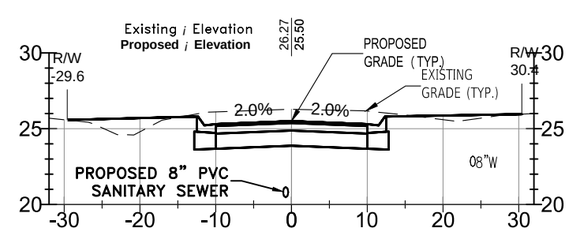

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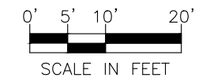

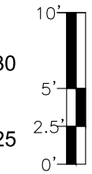

TALBERT STREET

PHASE II - CRITICAL CROSS SECTIONS

STA. 28+00.00 TO STA. 36+50.00

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
FIELD BOOK/PAGES: TE30/1-53	SECTION/TOWNSHIP/RANGE: 35/-2S/-31W
REG. FLA. ENG. NO. 43970	CHECKED BY: GPH
DATE:	DISTRICT: 2
SIGNATURE:	

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER	4.18
PROJECT NUMBER	PD 11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	4.18.2

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\4.18 Talbert StreetCS - PH II.dwg, May 25, 2023 - 11:17:19AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	Correct (Green Highlighter)	Change (Red Pen)
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	
SIGNATURE:			CHANGE INCORPORATION	(Yellow Highlighter)	

	VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE		
	REMARK INCORPORATION	(Blue Highlighter)	DATE		
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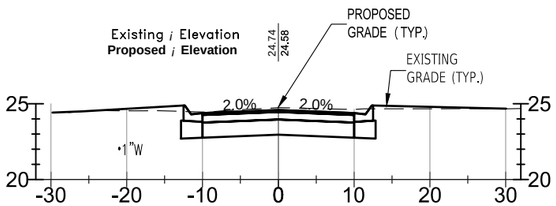

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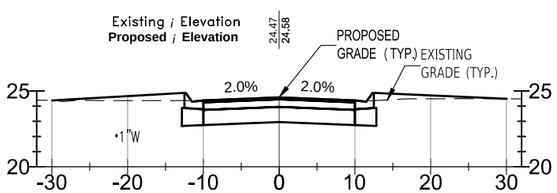

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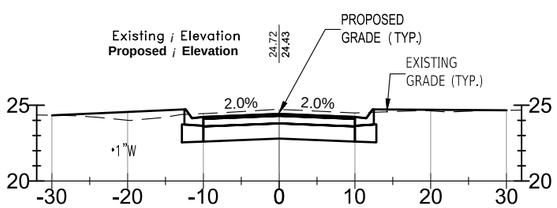

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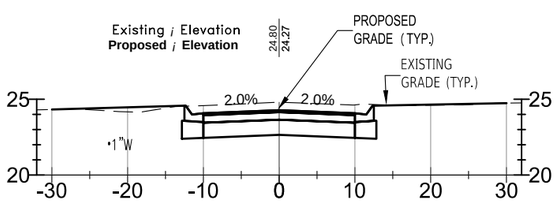

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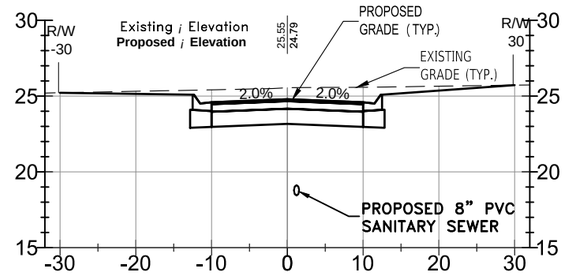

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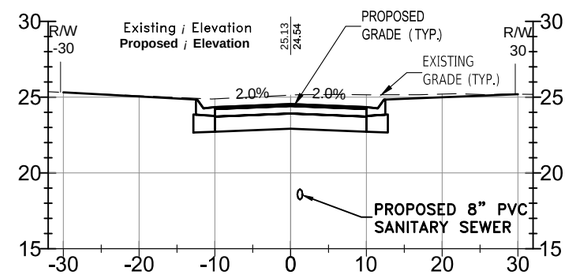

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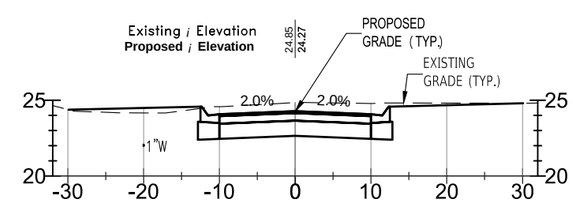

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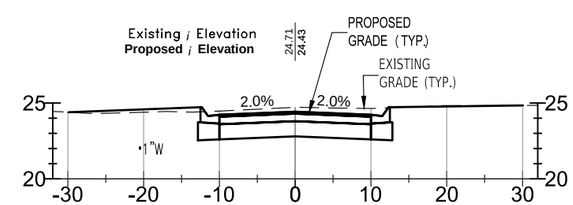

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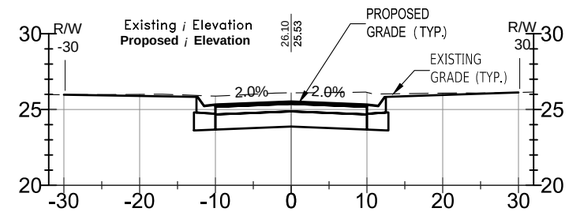

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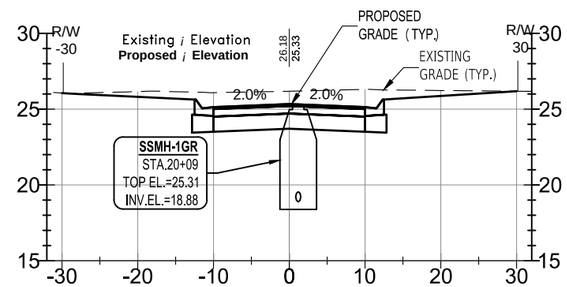

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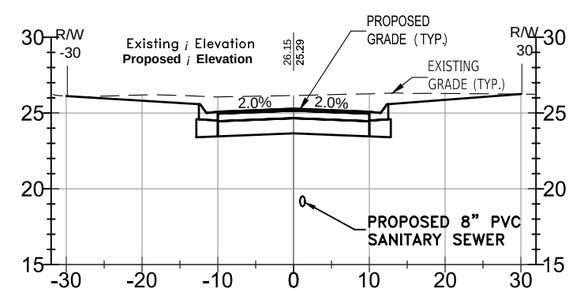

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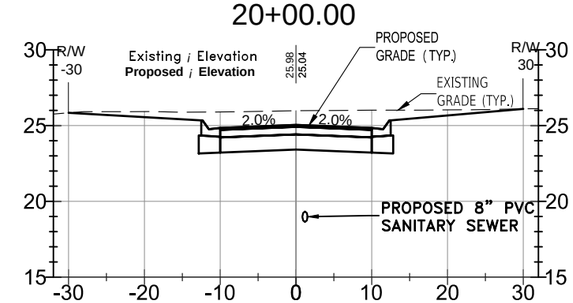

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0' 5' 10' 20'
SCALE IN FEET

10'
5'
2.5'
0'

GRAUPERA STREET
PHASE II - CRITICAL CROSS SECTIONS
STA. 10+85.32 TO STA. 13+67.75

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK / PAGES: TC30 / 1-53		SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDENDUM 1 GRADE CHANGE	4/18/2023	

DRAWING NUMBER 4.19
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 4.19.1

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PHASE ____ REVIEW	ORIGINATOR (GR)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter)	DATE
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE
	CHANGE INCORPORATION (Yellow Highlighter)			

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	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen 1-Out to Disagree or Remark)	DATE
SIGNATURE:			CHANGE INCORPORATION	(Yellow Highlighter)	DATE

	VERIFICATION, CHECKER (QR)	(Blue Highlighter)			DATE
	REMARK INCORPORATION	(Blue Highlighter)			DATE
	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)			DATE

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NARRATIVE

General SWPPP Information

This project requires authorization through the Florida Department of Environmental Protection (FDEP) National Pollutant Discharge Elimination System (NPDES) program, as governed by F.A.C. 62-621.300(4). The Contractor submitting to FDEP, prior to construction, a Notice of Intent to Use Generic Permit For Stormwater Discharge from Large and Small Construction Activities. The Contractor shall be bound by the terms of the Generic Permit and the requirements outlined in the plan documents, specifications and referenced technical standards.

NPDES requirements dictate the development of a SWPPP prior to construction and the implementation, maintenance and documentation of the developed plan throughout construction. For the purposes of this project, the SWPPP shall be composed of the following documents:

1. This narrative,
2. The erosion and sediment control measures and details included in the plans,
3. The Notice of Intent acknowledgement provided by FDEP after NOI submittal by the Contractor,
4. The SWPPP inspection forms as required by the terms of this narrative and the NPDES General Permit.

Signed original copies of each of these documents is required to be kept on-site throughout construction and made available to Engineering, County, FDEP or other personnel upon request.

Upon final stabilization of all disturbed project areas, the Contractor shall be responsible for submitting to FDEP a Notice of Termination (NOT) of NPDES Coverage. The Contractor's obligation to maintain erosion and sediment prevention measures shall not cease until acknowledgement of the NOT has been provided by FDEP and the County releases the Contractor from continued obligations.

Potential for Inspections

FDEP, County and Engineering personnel shall be granted full and complete access to all aspects of the project site and associated SWPPP documents, including but not limited to all required on-site documentation noted above, immediately upon arrival to the project site and without the need for prior notification, warning or scheduling. Should an inspector find any deficiency of the project site or on-site documentation as required by the conditions of the SWPPP, FDEP General Permit and/or plans and technical specifications, the Contractor shall be held liable and will incur any penalties resulting from such noted deficiencies.

Project Name and Information

Beach Haven Storm Water and Sanitary Improvements
Pensacola, Florida 32507

Project Limits

North – North Street and associated undeveloped right-of-way
South – Gulf Beach Highway (SR292)
East – Mills Avenue
West – South Fairfield Drive (SR727)

Total area of the site: +/- XXX Acres
Total area of the site to be disturbed: +/- XXX Acres

Existing data describing the soil or quality of any stormwater discharge from the site:

The project area is primarily comprised of <SOIL(S) TYPE(S), HSG <A/B/C/D>. The majority of the site slopes from south to north towards an existing wetland area and creek north of the project area. Existing runoff is conveyed primarily through sheet flow and shallow concentrated flow until it enters an existing degraded open swale network. Runoff reaches the wetland area, creek and ultimately Bayou Chico with virtually zero storm water treatment and/or discharge rate control prior to its discharge.

Estimate the drainage area size for each discharge point:

Discharge Point No. 1 – +/- XXX Acres
Discharge Point No. 2 – +/- XXX Acres

Latitude and longitude of each discharge point and identify the receiving water or MS4 for each discharge point:

Discharge Point No. 1 – DD° MM.MMM', DD° MM.MMM' discharges to <MS4 NAME>
Discharge Point No. 2 – DD° MM.MMM', DD° MM.MMM' discharges to <MS4 NAME>

Site Map

A site map must be developed and must contain, at a minimum, the following information:

1. Drainage patterns,
2. Approximate slopes after major grading activities,
3. Areas of soil disturbance,
4. Outline all areas that are not to be disturbed,
5. Location of all major structural and non-structural controls,
6. The location of expected stabilization practices,
7. Wetlands and surface waters, and
8. Locations where stormwater may discharge to a surface water or MS4.

See construction plans for above information.

Site Description

Describe the nature of the construction activity:

The primary intent of the proposed project is to construct storm water infrastructure improvements within the project area to correct existing flooding and storm water treatment/disposal deficiencies. Existing open swales will be replaced with a new curb and gutter, inlet and pipe collection and conveyance system that will route runoff to a series of new wet ponds along the northern limits of the project.

A secondary intent of the proposed project is to construction sanitary sewer infrastructure improvements within the project area to provide sewer collection and treatment services where they do not currently exist.

Soil Disturbing Activities

Describe the intended sequence of major soil disturbing activities:

It is anticipated that construction will begin with the installation of the new ponds along the northern project boundary. Storm water and sanitary infrastructure along the residential streets will generally work from north to south and from east to west, with the improvements along each street being substantially complete prior to work beginning on the adjacent street.

Northern Pond Areas

1. Perimeter erosion control measures installed
2. Selective clearing and grubbing
3. Rough grading
4. Storm water infrastructure installation
5. Fine grading
6. Final stabilization

Residential Streets (Storm Water and Sanitary Improvements)

1. Perimeter erosion control measures installed
2. Selective clearing and grubbing
3. Demolition of existing street
4. Rough grading
5. Storm water and sanitary infrastructure installation
6. New curb and gutter, roadway and sidewalk installation
7. Final stabilization

Sediment and Erosion Control Best Management Practices

Give a detailed description of all controls, Best Management Practices (BMPs) and measures that will be implemented at the construction site for each activity identified in the intended sequence of major soil disturbing activities section. Provide time frames in which the controls will be implemented. NOTE: All controls shall be consistent with performance standards for erosion and sediment control and stormwater treatment set forth in s. 62-40.432, F.A.C., the applicable Stormwater or Environmental Resource Permitting requirements of the Department or a Water Management District, and the guidelines contained in the Florida Development Manual: A Guide to Sound Land and Water Management (DEP, 1988) and any subsequent amendments.

Site Preparation

1. Prior to any soil disturbance, silt fence shall be installed along entire down-grade perimeter of area to be disturbed, as shown in plans and details, or by equivalent measures. Silt fence shall remain in place until all up-grade areas of disturbance have been permanently stabilized.
2. A proper construction entrance shall be established at all points of ingress/egress from construction site, per detail provided in the plans, or by equivalent measures. All construction entrances shall remain in place until ingress/egress from the site at that point has stopped.

Clearing And Grubbing

1. All disturbed areas that will be left exposed for more than fourteen (14) days, and are not subject to construction traffic, shall receive a temporary seeding immediately upon disturbance. If the season prevents establishment of a temporary cover, the disturbed area will be mulched with straw, or equivalent material, at a rate of two (2) tons per acre.
2. All disturbed areas that are subject to high amounts of erosion (i.e. steep slopes, embankments greater than 3:1, or other as dictated by site conditions) shall immediately receive a temporary seeding in combination with mulching with straw, or equivalent material, at a thickness of two (2) to four (4) inches mixed with the top two (2) inches of soil.
3. All disturbed areas shall, as a minimum, be maintained by water to minimize the generation of dust.

Site Grading

1. The site shall, at all times, be graded and maintained such that all storm water runoff is controlled by erosion and sediment control measures.
2. All areas used for material stockpile, be it fill/excavated materials, stone, or otherwise, are to be stabilized, and shall have silt fence with hay bales installed per the details provided in the plans, or by equivalent measures, around their entire perimeter.

Installation of Storm Sewer and Utilities

1. Temporary outlet protection must be installed at all proposed storm water outfalls prior to the installation of the drainage system.
2. All site drainage, including from residential lots, roadway curb and gutter, or otherwise shall be routed to carry all storm water to the proposed storm water management system(s).
3. Any slopes greater than 3:1 (h:v) receiving pipeline or utility installation shall be backfilled and stabilized daily as the installation proceeds.

Final Sitework

1. Permanent vegetation (i.e. seed and mulch, sod, etc) to be installed on all exposed areas within ten (10) days after final grading.
2. Upon completion of construction, but prior to final acceptance, all construction waste and debris shall be removed from the site and all paved roadways and/or parking areas shall be swept clean of all sediment.
3. Temporary erosion and sediment control measures shall remain in place and be maintained until such time when all up-grade areas have been permanently stabilized.

To be the responsibility of Contractor/Subcontractor #(s): _____

Describe all temporary and permanent stabilization practices. Stabilization practices include temporary seeding, mulching, permanent seeding, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, vegetative preservations, etc.

See plans and detailed description of all controls in first column of this SWPPP.

To be the responsibility of Contractor/Subcontractor #(s): _____

Describe all structural controls to be implemented to divert stormwater flow from exposed soils and structural practices to store flows, retain sediment on-site or in any other way limit stormwater runoff. These controls include silt fences, earth dikes, diversions, swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, coagulating agents and temporary or permanent sediment basins.

In addition to those controls described in the plans and first column of this SWPPP, the Contractor shall rough grade the proposed wet pond network along the north end of the project area at the beginning of construction to serve as a temporary sediment basin. At the end of construction the ponds shall be cleaned of all accumulated sediment, shaped and finished per the detailed plan requirements.

To be the responsibility of Contractor/Subcontractor #(s): _____

Describe all sediment basins to be implemented for areas that will disturb 10 or more acres at one time. The sediment basins (or an equivalent alternative) should be able to provide 3,600 cubic feet of storage for each acre drained. Temporary sediment basins (or an equivalent alternative) are recommended for drainage areas under 10 acres.

See previous response.

To be the responsibility of Contractor/Subcontractor #(s): _____

Describe all permanent stormwater management controls such as, but not limited to, detention or retention systems or vegetated swales that will be installed during the construction process.

A new network of wet ponds will be installed along the northern project boundary to provide storm water treatment and discharge rate control prior to runoff being discharged into the existing wetland areas adjacent to the pond where runoff will re-enter existing drainage patterns and ultimately reach Bayou Chico.

To be the responsibility of Contractor/Subcontractor #(s): _____

Provide a detailed description of the maintenance plan for all structural and non-structural controls to assure that they remain in good and effective operating condition.

Contractor shall provide routine maintenance of permanent and temporary sediment and erosion control features in accordance with the technical specifications or as follows, whichever is more stringent:

1. Silt fence shall be inspected at least weekly. Any required repairs shall be made immediately. Sediment deposits shall be removed when they reach approximately one-half the height of the barrier.
2. Maintenance shall be performed on the rock entrance when any void spaces are full of sediment.
3. Storm water Inlets/outfalls shall be inspected immediately after each rain event and any required repairs to the hay bales, silt fence, or filter fabric shall be performed immediately.
4. Temporarily seeded areas of the site that become bare shall be reseeded to meet specifications.
5. Sod that has been washed out shall be replaced immediately.
6. Maintain all other areas of the site with proper controls as necessary.

To be the responsibility of Contractor/Subcontractor #(s): _____

Pollutant Control Best Management Practices

Describe in detail controls for the following potential pollutants.

Waste disposal, this may include construction debris, chemicals, litter, and sanitary wastes:

All construction materials and debris will be placed in a dumpster and hauled off site to a landfill or other proper disposal site. No materials will be buried on site.

To be the responsibility of Contractor/Subcontractor #(s): _____

Offsite vehicle tracking from construction entrances/exits:

Off site vehicle tracking of sediments and dust generation will be minimized via a stabilized rock construction entrance, sweeping of the existing streets adjacent to the disturbed project areas and the use of water as necessary for dust control.

To be the responsibility of Contractor/Subcontractor #(s): _____

The proper application rates of all fertilizers, herbicides and pesticides used at the construction site:

Such products will be used at a minimum and in accordance with the manufacturer's suggested minimum effective application rates.

To be the responsibility of Contractor/Subcontractor #(s): _____

The storage, application, generation and migration of all toxic substances:

A spill prevention plan shall be developed by the Contractor. All paints and other chemicals will be stored in a secured, weather-proof location.

To be the responsibility of Contractor/Subcontractor #(s): _____

Other:

Port-o-lets will be placed away from storm sewer systems, storm inlets and other storm water conveyance features. No vehicle maintenance shall be conducted onsite.

To be the responsibility of Contractor/Subcontractor #(s): _____

Identify and describe all sources of non-stormwater discharges as allowed in Part IV.A.3. of the permit. Flows from fire fighting activities do not have to be listed or described.

There is the potential for the the following non-storm water discharges to occur from the site during construction period: water from water line flushing, pavement wash water (where no spills or leaks of toxic or hazardous materials have occurred) and uncontaminated groundwater (from dewatering excavation). If said discharges do occur, they will be directed to the temporary sediment basin prior to discharge. Turbid water from the storm water pond shall not be pumped directly into the receiving system. Any pumped water from the storm water pond shall be treated so as to not allow a discharge of polluted storm water. Treatment can include silt fences, settling ponds or other appropriate means.

To be the responsibility of Contractor/Subcontractor #(s): _____

Inspections and Documentation

Inspections: Describe the inspection and inspection documentation procedures, as required by Part V.D.4. of the permit.

Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater, and be documented on standardized form to be developed by the Contractor and approved by the Engineer of Record prior to construction. Qualified personnel will inspect all points of discharges, all disturbed areas of construction that have not been stabilized, constructed areas and locations where vehicles enter and exit the site. Where sites have been finally stabilized, said inspections shall be conducted at least once every month until the Notice of Termination is filed.

To be the responsibility of Contractor/Subcontractor #(s): _____

Responsible Parties

Where indicated, this narrative must clearly identify, for each measure identified, the contractor(s) or subcontractor(s) that will implement each measure. All contractor(s) and subcontractor(s) identified must sign the following certification:

"I certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan prepared thereunder."

#	Name	Title	Company Name, Address and Phone Number	Date
1.				
2.				
3.				
4.				
5.				

Certification by Responsible Authority

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

_____
Printed Name (Responsible Authority)

_____ _____
Signature Date

SWPPP
NARRATIVE-PERMIT REQUIREMENTS
SWPPP

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CAPITAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CLIBY	DISTRICT: 1 & 2	SIGNATURE:
FIELD BOOK/PAGES: TC30/1-35	SECTION/TOWNSHIP/RANGE: 35/2S/31W		DATE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 5.01
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 5.01.1

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\5.01 Erosion Control Details.dwg, May 25, 2023 - 11:18:09AM, gpotter

PHASE ___ REVIEW

SIGNATURE:

ORIGINATOR (RP) DATE — PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)

ORIGINATOR (QR) DATE — CHECKER (RP) — CHANGE INCORPORATION

Correct (Green Highlighter) Change (Red Pen) — (Red Pen X-Out to Disagree or Remark) — (Yellow Highlighter)

VERIFICATION, CHECKER (QR) (Blue Highlighter) DATE — REMARK INCORPORATION (Blue Highlighter) DATE — ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE

GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.

2. IN ACCORDANCE WITH F.D.O.T. SPECIFICATION SECTION 104-6.4, ALL DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN 30 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL RECEIVE A TEMPORARY SEEDING IMMEDIATELY. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE.

3. PERMANENT VEGETATION TO BE SEED AND MULCH OR SODDED (AS INDICATED ON PLANS) ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING.

4. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE F.D.O.T. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, SECTIONS 104, 570, 575 AND 981 TO 986.

5. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND EMBANKMENTS GREATER THAN 3:1 SHALL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A THICKNESS OF TWO (2) TO 4 (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL, ACCORDING TO STATE STANDARDS.

6. ANY SLOPES GREATER THAN 3:1 RECEIVING PIPELINE INSTALLATION SHALL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS.

7. AT THE TIME OF SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER.
IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION SHALL BE EMPLOYED, SUCH AS AN EROSION CONTROL FABRIC, RIP-RAP, ETC.

8. TEMPORARY OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.

9. UNFILTERED DEWATERING IS NOT PERMITTED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER IN ACCORDANCE WITH F.D.E.P. REQUIREMENTS.

10. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE SHALL BE SPRINKLED UNTIL THE SURFACE IS WET. TEMPORARY VEGETATION COVER, MULCH, SILTATION FENCE OR HAY BALES SHALL BE APPLIED IN ACCORDANCE WITH STATE STANDARDS FOR EROSION CONTROL.

11. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMITS OF CONSTRUCTION OR ONTO PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY.

12. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE NUMBER 2 ABOVE, AND/OR WITH SILT FENCE/HAY BALES.

13. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS CONTROLLED BY SOIL EROSION AND SEDIMENT CONTROL FACILITIES.

14. ALL SEDIMENTATION STRUCTURES SHALL BE INSPECTED AND MAINTAINED DAILY.

15. ALL CATCH BASIN INLETS SHALL BE PROTECTED WITH HAY BALES AS SHOWN ON THE DETAILS.

16. ANY AREAS USED FOR THE CONTRACTOR'S STAGING, INCLUDING BUT NOT LIMITED TO, TEMPORARY STORAGE OF STOCKPILED MATERIALS (E.G. CRUSHED STONE, QUARRY PROCESS STONE, SELECT FILL, EXCAVATED MATERIALS, ETC.), SHALL BE ENTIRELY PROTECTED BY A SILT FENCE AND/OR HAYBALES ALONG THE LOW ELEVATION SIDE TO CONTROL SEDIMENT RUNOFF.

17. IN THE EVENT THAT AN ON SITE INSPECTION BY THE ENGINEER OF RECORD, CLIENT/OWNER OR GOVERNMENTAL AGENCY REVEALS A FAILURE TO PROVIDE PROPER EROSION/SEDIMENT CONTROL, ADDITIONAL MEASURES MAY BE REQUIRED TO PROVIDE THE SPECIFIED LEVEL OF PROTECTION.

18. FAILURE TO COMPLY WITH REQUIRED EROSION AND SEDIMENTATION CONTROL, MAY RESULT IN FINES LEVIED BY GOVERNMENTAL AGENCIES. ANY FINES SUFFERED DUE TO NONCOMPLIANCE SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.

19. THE CONTRACTOR SHALL PREPARE A PLAN FOR THE PROPER DEWATERING AND DOWNSTREAM SILTATION PROTECTION OF EACH STREAM CROSSING PRIOR TO EXCAVATING THE STREAM BED. THE PLAN SHALL BE FORWARDED TO THE ENGINEER FOR APPROVAL. THE ENGINEER SHALL BE NOTIFIED FOR INSPECTION PRIOR TO EACH STREAM CROSSING CONSTRUCTION.

DUST CONTROL

1. ALL AREA OF CLEARING, EMBANKMENT, UNPAVED ROADWAYS AND CONSTRUCTION HAUL ROUTE, SHALL BE TREATED AND MAINTAINED IN SUCH A MANNER AS TO MINIMIZE ANY DUST GENERATION.

2. ALL DISTURBED AREAS SHALL BE MAINTAINED BY WATERING AS A MINIMUM REQUIREMENT. AT THE CONTRACTOR'S OPTION, NON-TRAFFIC AREAS TO RECEIVE SEEDING, SOD OR OTHER PERMANENT EROSION CONTROL, MAY BE TEMPORARILY SEEDED AND/OR MULCHED UNTIL PERMANENT CONTROL METHODS ARE IN PLACE. ADDITIONALLY, UNPAVED ROADWAY AREAS ONLY, MAY UTILIZE CALCIUM CHLORIDE, SUBJECT TO APPROVAL OF THE ENGINEER AND IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATIONS, SECTION 102-5, LATEST EDITION.

3. IN THE EVENT OF COMPLAINTS FROM WITHIN AND ADJACENT TO THE SITE, AN INSPECTION BY THE ENGINEER MAY REQUIRE ADDITIONAL FREQUENCY OF DUST CONTROL APPLICATION AND/OR REVISED METHODS OF DUST CONTROL.

4. FAILURE TO COMPLY AND/OR MAINTAIN DUST CONTROL MAY RESULT IN THE CONTRACTOR ASSUMING RESPONSIBILITY FOR JUSTIFIABLE CLAIMS BY PROPERTY OWNERS FOR ABNORMAL DUST ACCUMULATION.

5. UPON COMPLETION OF ALL OTHER WORK, BUT BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL SWEEP ALL PAVED ROADWAYS INVOLVED WITH THE PROJECT.

NOTES

DESCRIPTION:

- THE CONTRACTOR SHALL USE WETLAND FILTER BAGS AS A FILTER MEDIUM TO EFFECTIVELY CONTAIN SAND, SILT AND FINES WHEN TRENCH DEWATERING. THE FILTER BAG SHALL ALLOW WATER FLOW THROUGH THE FABRIC WHILE CONTAINING THESE SEDIMENTS.

INSTALLATION:

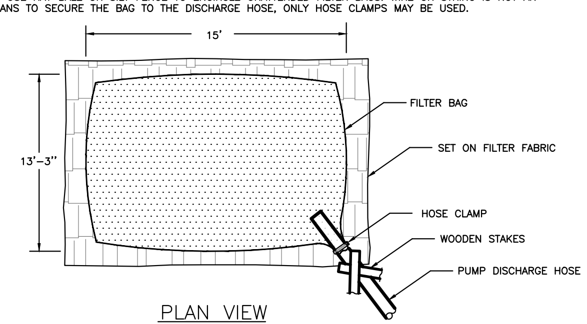
- UPON APPROVAL BY THE ENGINEER (OR INSPECTOR), IN LIEU OF HAY BALE CORRALS, THE CONTRACTOR MAY USE WETLAND FILTER BAGS. TO AVOID RUPTURES, TEARS OR PUNCTURES, THE FILTER BAGS SHALL BE PLACED IN AN AREA THAT IS FREE OF DEBRIS, STUMPS, BRUSH AND ON NEARLY LEVEL GROUND. TO PROPERLY INSTALL, CUT A SMALL HOLE IN THE CORNER OF THE BAG IN WHICH THE DISCHARGE PUMP HOSE IS TO BE INSERTED, USING A HOSE CLAMP, SECURE THE BAG TO THE HOSE. THE FILTER BAG SHOULD BE PLACED AS FAR AWAY FROM ANY WETLANDS AND/OR FLOWING STREAMS AS POSSIBLE.

MAINTENANCE:

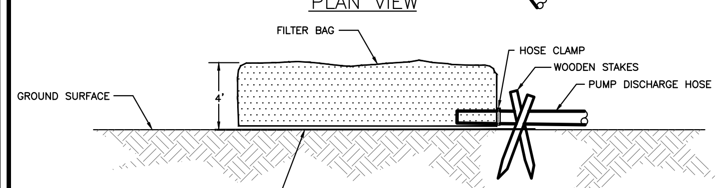
- DURING USE, MONITOR THE PUMPING RATES AND ATTEND THE BAGS TO AVOID POSSIBLE RUPTURES. PUMPING SHOULD CEASE ONCE AN INFLATED BAG HEIGHT REACHES 4 FEET TO AVOID RUPTURE. BEFORE REMOVING A BAG FROM USE, TIE OFF THE BAG BELOW THE END OF THE HOSE, ALLOW THE BAG TO DRAIN AND REMOVE THE HOSE. ALL USED FILTER BAGS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.

SPECIFICATION:

- FILTER BAGS OF NON-WOVEN GEOTEXTILE FABRIC CONSTRUCTION ARE TO BE USED. EACH BAG WILL BE ALLOWED A MAXIMUM OF ONE, SIX INCH DISCHARGE HOSE. A FLOW RATE ABOVE 2000 GALLON PER MINUTE WILL EXCEED THE CAPACITY OF THE BAG. PLACE A LAYER OF GEOTEXTILE FABRIC ON WHICH TO PLACE THE FILTER BAGS TO ASSIST IN PREVENTING PUNCTURES IN WOODED AREAS. USE HAY BALE OR SILT FENCE TO ENCIRCLE UNATTENDED FILTER BAGS. WIRE OR STRING IS NOT AN ACCEPTABLE MEANS TO SECURE THE BAG TO THE DISCHARGE HOSE, ONLY HOSE CLAMPS MAY BE USED.

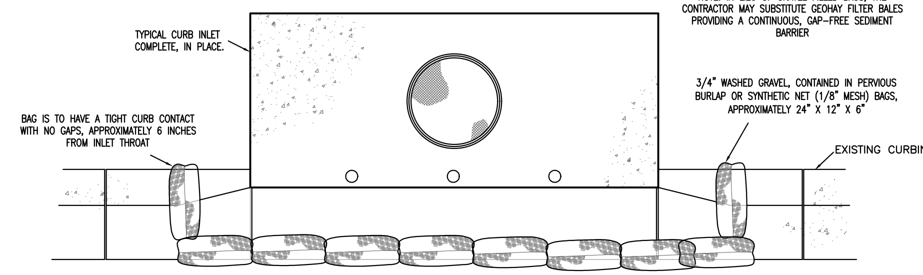


PLAN VIEW



CROSS SECTION

TRENCH DEWATERING FILTER BAG DETAIL
NOT TO SCALE



CURB INLET SEDIMENT CONTROL (COMPLETED)
NOT TO SCALE

NOTE:
SEDIMENT CONTROL METHODS ILLUSTRATED REPRESENT A MINIMUM EFFORT TO PROVIDE SEDIMENT CONTROL. THE ENGINEER OR GOVERNING REPRESENTATIVE (e.g. COUNTY INSPECTOR, FDEP REP., ETC.) MAY, UPON FIELD INSPECTION/OBSERVATION, REQUIRE ADDITIONAL MEASURES BE PLACED TO PROVIDE SATISFACTORY SEDIMENT CONTROL.

EXISTING STORM INLETS SHALL REQUIRE SEDIMENT CONTROL BE IN PLACE PRIOR TO COMMENCEMENT OF CONSTRUCTION AND MAINTAINED THROUGH THE END OF CONSTRUCTION AND SITE STABILIZATION.

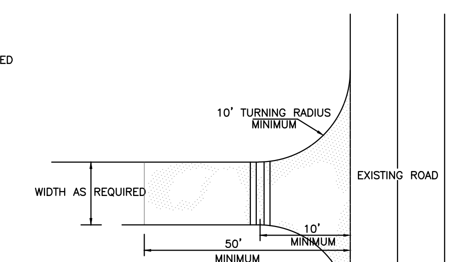
PROPOSED INLETS SHALL HAVE SEDIMENT CONTROL IN PLACE UPON CONNECTION TO THE COLLECTION SYSTEM, THROUGHOUT INLET CONSTRUCTION AND SITE STABILIZATION. THE CONTRACTOR SHALL REMOVE ANY SEDIMENT ACCUMULATED DURING CONSTRUCTION, PRIOR TO CONNECTION TO THE COLLECTION SYSTEM.

PURPOSE:
CONSTRUCTION ENTRANCES PROVIDE AN AREA WHERE MUD CAN BE REMOVED FROM VEHICLE TIRES BEFORE THEY ENTER A PUBLIC ROAD. THE MOTION OF THE VEHICLE AS IT MOVES OVER THE GRAVEL CONSTRUCTION MATERIAL DISLODGES CAKED MUD.

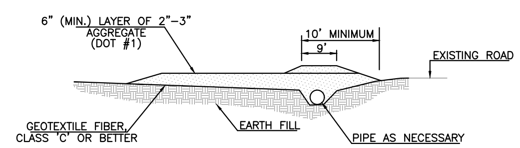
LIMITATIONS:
IF THE ACTION OF THE VEHICLE ON THE GRAVEL PAD IS NOT SUFFICIENT TO DISLODGE MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLE LEAVES THE SITE.

MATERIALS:
GRAVEL, 1.5"-3'5" (MIN.) IN DIAMETER, IS USED.

INSTALLATION:
GRAVEL LAYER SHOULD BE AT LEAST 16" THICK. THE PAD SHOULD BE AT LEAST 50' LONG. WIDTH SHOULD BE APPROPRIATE TO VEHICLE SIZE.

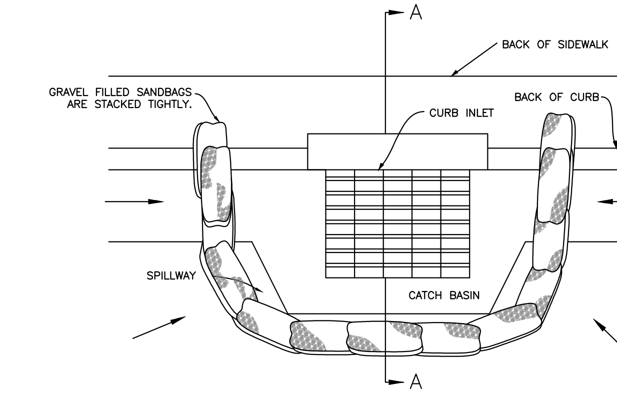


PLAN VIEW

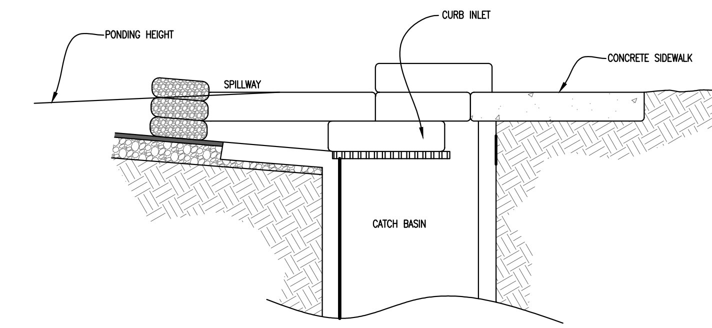


SECTION

CONSTRUCTION ENTRANCE/EXIT
NOT TO SCALE



PLAN VIEW



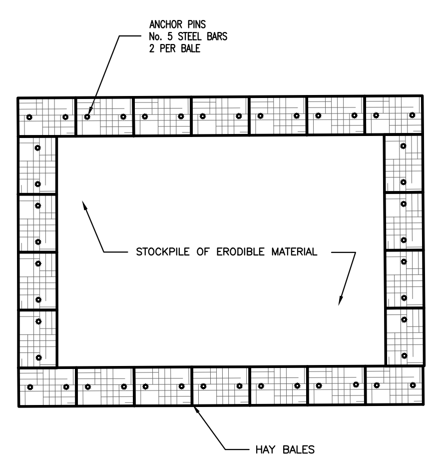
SECTION A - A

NOTES:

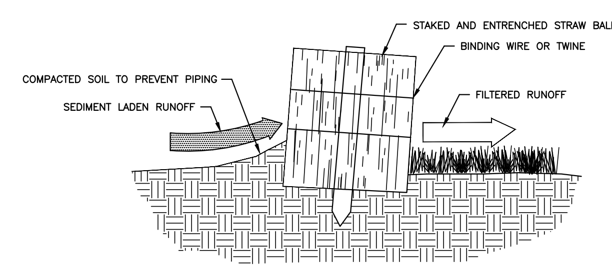
1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS, OR EITHER BURLAP OR WOVEN 'GEOTEXTILE' FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

CURB INLET SEDIMENT BARRIER
NOT TO SCALE

NOTE: EACH STORM INLET SHALL REQUIRE SILTATION PROTECTION AND SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF CONSTRUCTION AND MAINTAINED THROUGH THE END OF CONSTRUCTION AND SITE STABILIZATION. THE CONTRACTOR SHALL PROVIDE ADDITIONAL CONTROL AS NECESSARY TO COMPLY WITH ALL GOVERNING AGENCIES. THE ENGINEER, ESCAMBIA COUNTY INSPECTOR OR OTHER GOVERNING REPRESENTATIVE MAY, UPON FIELD INSPECTION OR OBSERVATION, REQUIRE ADDITIONAL MEASURES BE PLACED TO PROVIDE SATISFACTORY MEASURES OF CONTROL.



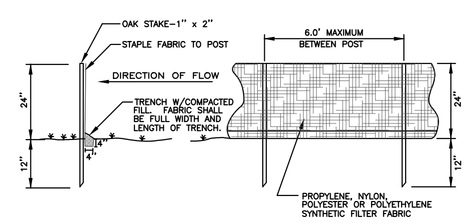
MATERIAL STOCKPILE DETAIL
NOT TO SCALE



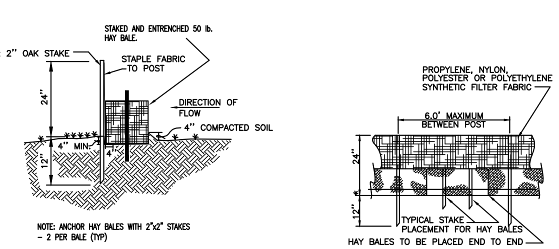
CROSS-SECTION OF A PROPERLY INSTALLED STRAW BALE
NOT TO SCALE

EROSION AND SEDIMENTATION CONTROL NOTES

1. BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE ON THE CONTOUR, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER PRIOR TO EARTHWORK OPERATIONS.
2. ALL BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED. STRAW BALES SHALL BE INSTALLED SO THAT BINDINGS ARE ORIENTED AROUND THE SIDES RATHER THAN ALONG THE TOPS AND BOTTOMS OF THE BALES (IN ORDER TO PREVENT DETERIORATION OF THE BINDINGS).
3. THE BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED THE WIDTH OF A BALE AND THE LENGTH OF THE PROPOSED BARRIER TO A MINIMUM DEPTH OF 4 INCHES. AFTER THE BALES ARE STACKED AND CHINKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AGAINST THE BARRIER. BACKFILL SOIL SHALL CONFIRM TO THE GROUND LEVEL ON THE DOWNHILL SIDE AND SHALL BE BUILT UP TO 4 INCHES AGAINST THE UPHILL SIDE OF THE BARRIER.
4. EACH BALE SHALL BE SECURELY ANCHORED BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE TO FORCE THE BALES TOGETHER. STAKES OR REBARS SHALL BE DRIVEN DEEP ENOUGH INTO THE GROUND TO SECURELY ANCHOR THE BALES.
5. THE GAPS BETWEEN BALES SHALL BE CHINKED (FILLED BY WEDGING) WITH STRAW TO PREVENT WATER FROM ESCAPING BETWEEN THE BALES. (LOOSE STRAW SCATTERED OVER THE AREA IMMEDIATELY UPHILL FROM A STRAW BALE BARRIER TENDS TO INCREASE BARRIER EFFICIENCY.
6. STRAW BALE BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THIER USEFULNESS, BUT NOT BEFORE THE UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED.
7. STRAW BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
8. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.
9. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.
10. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF OF THE HEIGHT OF THE BARRIER.
11. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.



SILTATION FENCE DETAIL
NOT TO SCALE



SILTATION FENCE DETAIL WITH HAY BALES
NOT TO SCALE

EROSION AND SEDIMENT CONTROL

NOTES AND DETAILS

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3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
FIELD BOOK / PAGES: TC 30/1-35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W		DATE:

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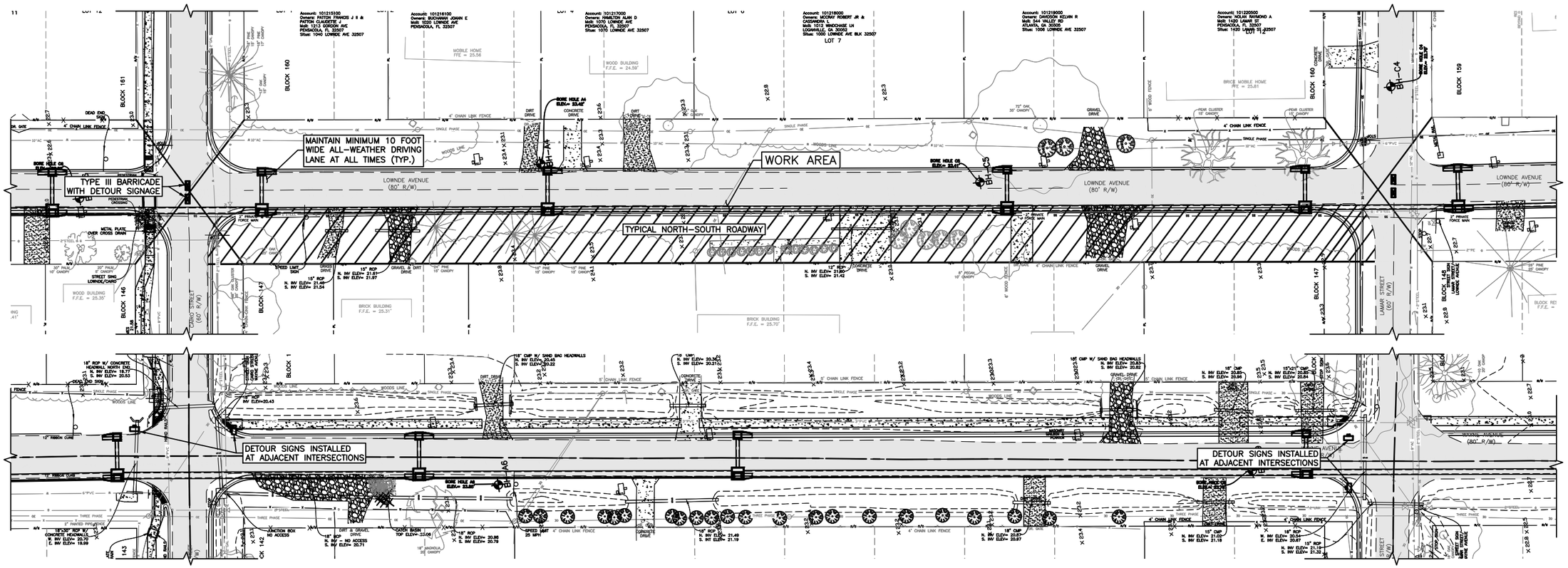
NOTES:
1. SEE INCLUDED F.D.O.T. SERIES 600 TRAFFIC CONTROL INDEX FOR INTERMEDIATE CONTROL MEASURES.
2. LIMIT DEPICTED FULL CLOSURE CONDITIONS TO A SINGLE NEIGHBORHOOD BLOCK AT ONE TIME.

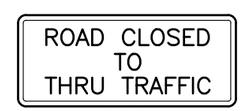
SCALE IN FEET 0' 15' 30' 60'

N



TYPICAL STAGE 1

(IMPROVEMENTS WITHIN ONE-HALF OF RIGHT-OF-WAY CONTAINING PROPOSED STORM SEWER AND SANITARY SEWER TRUNK LINES)



R11-4

M4-10 (L)(R)

NOTE: TYPICAL DETOUR TO BE AWAY FROM ACTIVE/COMPLETED AREAS OF CONSTRUCTION.

TYPICAL DETOUR SIGNAGE

NOT TO SCALE

MAINTENANCE OF TRAFFIC

STAGING PLAN

TRAFFIC

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DRAWN BY: GPH/TAH	DESIGNED BY: GPH
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	DISTRICT: 1
	SECTION/TOWNSHIP/RANGE: 35 / 2S / 31W
	REG. PLS. ENG. NO.: 43970
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	DATE:

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SURVEY NUMBER jhi-120016.S

SHEET 6.01.1

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PHASE ____ REVIEW		DATE		DATE		DATE		DATE
	ORIGINATOR (RP)		ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (QR)	(Blue Highlighter)		
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SIGNATURE:			CHANGE INCORPORATION	(Yellow HighLighter)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)		

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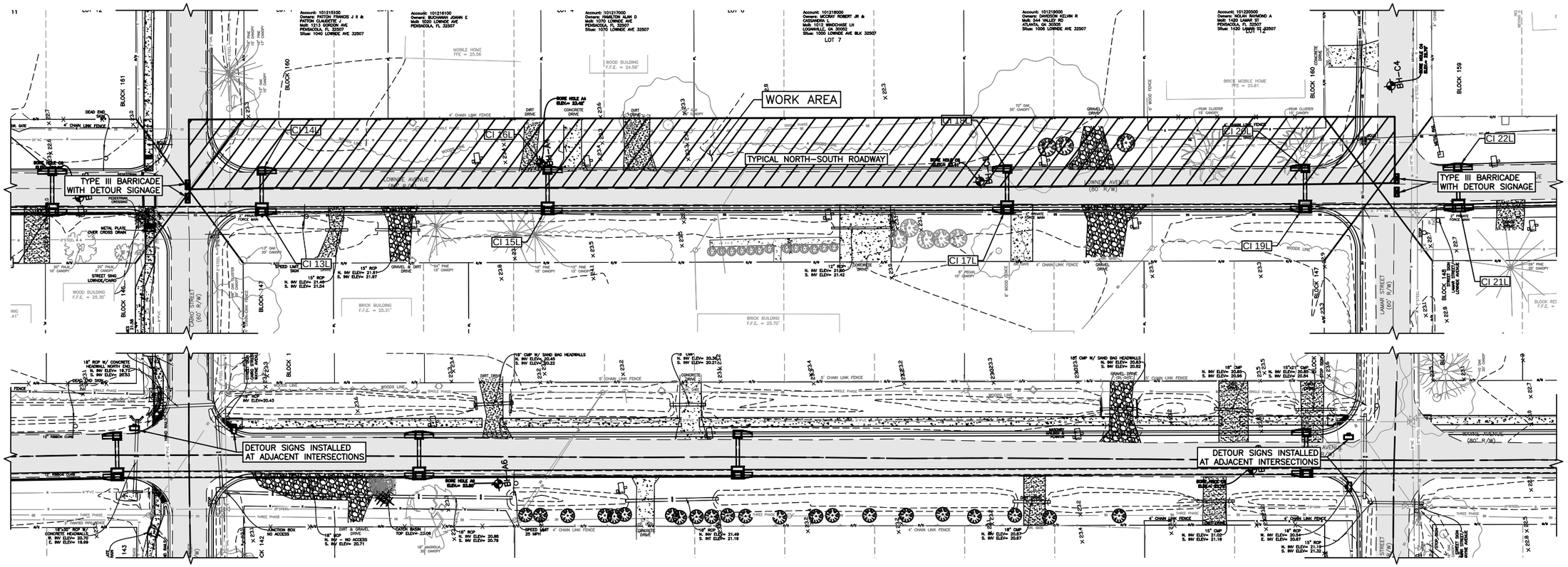
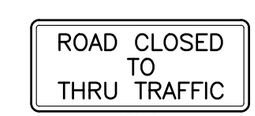


TYPICAL STAGE 2

(IMPROVEMENTS WITHIN ONE-HALF OF RIGHT-OF-WAY OPPOSITE PROPOSED STORM SEWER AND SANITARY SEWER TRUNK LINES)



R11-4

M4-10 (L)(R)

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TYPICAL DETOUR SIGNAGE

NOT TO SCALE

MAINTENANCE OF TRAFFIC

STAGING PLAN

TRAFFIC

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ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CHAUB	DISTRICT: 1	SIGNATURE:
FIELD BOOK/PAGES: TC 301-35	SECTION/TOWNSHIP/RANGE: 35 / 2S / 31W		DATE:

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PHASE ____ REVIEW		DATE		DATE		DATE		DATE
	ORIGINATOR (RP)		VERIFICATION, CHECKER (GR)	(Blue Highlighter)				
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			REMARK INCORPORATION	(Blue Highlighter)				
			CHANGE INCORPORATION	(Yellow HighLighter)			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)

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PREFACE

All projects and works on highways, roads and streets shall have a traffic control plan. All work shall be executed under the established plan and Department approved procedures. This index contains information specific to the Federal and State guidelines and standards for the preparation of traffic control plans and for the execution of traffic control in work zones, for construction and maintenance operations and utility work on highways, roads and streets on the State Highway System. Certain requirements in this Index are based on the high volume nature of State Highways. For highways, roads and streets off the State Highway System, the local agency (City/County) having jurisdiction may adopt requirements based on the minimum requirements provided in the MUTCD.

Index No. 600 provides Department policy and standards. Changes are only to be made thru Department approved procedures. Index Nos. 601 thru 670 provide typical applications for various situations. Modification can be made to these Indexes as long as the changes comply with the MUTCD and Department Design Standards.

The sign spacings shown on the Indexes are typical (recommended) distances. These distances may be increased or decreased based on field conditions, in order to avoid conflicts or to improve site specific traffic controls.

MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

The Florida Department of Transportation has adopted the "Manual On Uniform Traffic Control Devices For Streets And Highways" (MUTCD) and subsequent revisions and addendums, as published by the U.S. Department of Transportation, Federal Highway Administration, for mandatory use on the State Maintained Highway System whenever there exists the need for construction, maintenance operations or utility work.

ABBREVIATIONS

Abbreviations assigned to the 600 series Design Standards and applicable to traffic control plans, unless otherwise identified in the plans, are as follows:

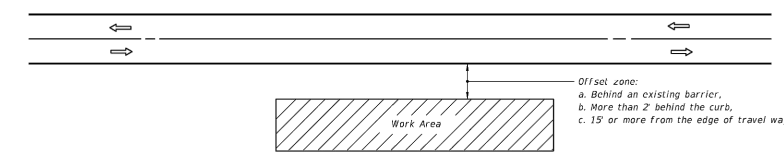
CFR	Code of Federal Regulations
CSIP	Cost Savings Initiative Proposal
DTOE	District Traffic Operations Engineer
FDOT	Florida Department Of Transportation
HAR	Highway Advisory Radio
L	Taper Length, Buffer Length Or Taper Length Plus Buffer Space
MAS	Motorist Awareness System
MOT	Maintenance Of Traffic
MOTC	Maintenance Of Traffic Committee
MUTCD	Manual On Uniform Traffic Control Devices For Streets And Highways
NCHRP	National Cooperative Highway Research Program
PCMS	Portable Changeable (Variable) Message Sign
PRS	Portable Regulatory Sign
R	Radius
RPM	Raised Retroreflective Pavement Marker
RSDU	Radar Speed Display Unit
S	Posted Speed Of Off-Peak 85 Percentile Speed (MPH)
SLEO	Speed and Law Enforcement Officer
TTC	Temporary Traffic Control
TCP	Traffic Control Plan(s)
TCZ	Traffic Control Zones
TMA	Truck/Trailer Mounted Attenuator
W	Width Of Taper Transition In Feet, i.e., Lateral Offset

SYMBOLS

The symbols shown are found in the FDOT site menu under Traffic Control cell library on the CADD system. Symbols assigned to the 600 series Design Standards and applicable to traffic control plans, unless otherwise identified in the plans, are as follows:

- Work Area, Hazard Or Work Phase (Any pattern within a boundary)
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Channelizing Device
- Type III Barricade
- Work Zone Sign
- Flagger
- Traffic Signal
- Advance Warning Arrow Board
- Portable Signal
- Crash Cushion
- Stop Bar
- Work Vehicle With Flashing Beacon
- Shadow (S) Or Advance Warning (AW) Vehicle With Advance Warning Arrow Board And Warning Sign
- Truck/Trailer Mounted Attenuator (TMA)
- Orange Flag For TCZ Signs
- Type B Light For TCZ Signs
- Law Enforcement Officer
- Portable Regulatory Sign
- Radar Speed Display Unit
- Portable Changeable (Variable) Message Sign
- Lane Identification + Direction Of Traffic
- Traffic Control Officer

LAST REVISION	DESCRIPTION:	FDOT 2014 DESIGN STANDARDS	GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES	INDEX NO.	SHEET NO.
01/01/12				600	1 of 13



GENERAL NOTES

1. If the work operation (excluding establishing and terminating the work area) requires that two or more work vehicles cross the offset zone in any one hour, traffic control will be in conformance with Index No. 602.
2. No special signing is required.
3. When a side road intersects the highway within the work area, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
4. When construction activities encroach on a sidewalk refer to Index No. 660.
5. For general TCZ requirements and additional information, refer to Index No. 600.

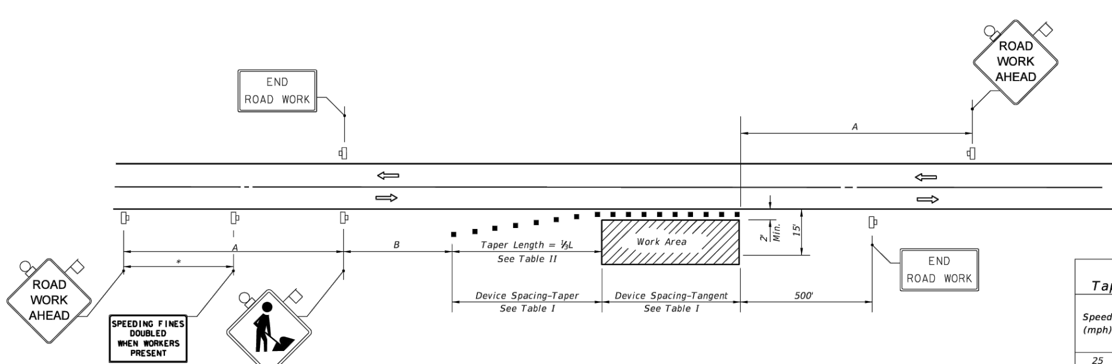
SYMBOLS

- Work Area
- Lane Identification + Direction of Traffic

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS AND THEIR ACTIVITIES ARE BEHIND AN EXISTING BARRIER, MORE THAN 2' BEHIND THE CURB, OR 15' OR MORE FROM THE EDGE OF TRAVEL WAY.

LAST REVISION	DESCRIPTION:	FDOT 2014 DESIGN STANDARDS	TWO-LANE, TWO-WAY, WORK OUTSIDE SHOULDER	INDEX NO.	SHEET NO.
07/01/05				601	1 of 1



DISTANCE BETWEEN SIGNS		
Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

*Midway between signs.

Table I Device Spacing				
Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

Table II Taper Length - Shoulder				
Speed (mph)	⅓L (ft)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	$L=\frac{WS^2}{60}$
30	40	50	60	
35	55	68	82	
40	72	90	107	
45	120	150	180	L=WS
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	
70	187	233	280	

8' minimum shoulder width

⅓L = Length of shoulder taper in feet

W = Width of total shoulder in feet (combined paved and unpaved width)

S = Posted speed limit (mph)

SYMBOLS

- Work Area
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Lane Identification + Direction of Traffic

GENERAL NOTES

1. When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLAGGER sign shall be substituted for the WORKERS sign. For location of flaggers and FLAGGER signs, see Index No. 603.
2. SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign only on the side where the shoulder work is being performed.
3. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
4. For general TCZ requirements and additional information, refer to Index No. 600.

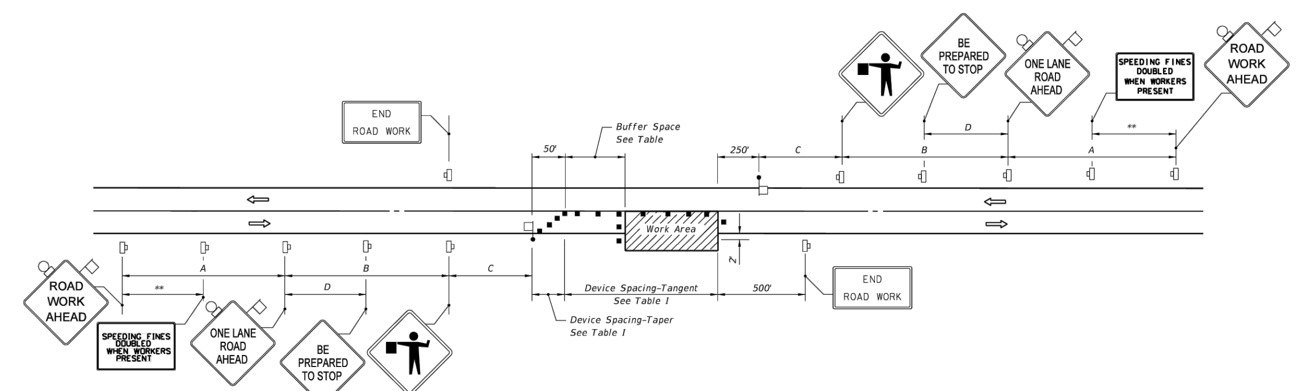
DURATION NOTES

1. Signs and channelizing devices may be omitted if all of the following conditions are met:
   a. Work operations are 60 minutes or less.
   b. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.

LAST REVISION	DESCRIPTION:	FDOT 2014 DESIGN STANDARDS	TWO-LANE, TWO-WAY, WORK ON SHOULDER	INDEX NO.	SHEET NO.
07/01/12				602	1 of 1



DISTANCE BETWEEN SIGNS				
Speed (mph)	Spacing (ft.)			
	A	B	C	D
40 or less	200	200	200	100
45	350	350	350	175
50	500	500	500	250
55 or greater	2640	1640	1000	500

* The ROAD WORK 1 MILE sign may be used as an alternate to the ROAD WORK AHEAD sign.

** 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

*** BE PREPARED TO STOP sign may be omitted for speeds of 45 MPH or less.

TABLE I DEVICE SPACING				
Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25 to 45	20	50	20	50
50 to 70	20	50	20	100

BUFFER SPACE	
Speed (mph)	Dist. (ft.)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730

When Buffer Space cannot be attained due to geometric constraints, the greatest attainable length shall be used, but not less than 200 ft.

SYMBOLS

- Work Area
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Flagger
- Automated Flagger Assistance Devices (AFAD), With Gate
- Lane Identification + Direction of Traffic

GENERAL NOTES

1. Work operations shall be confined to one traffic lane, leaving the opposite lane open to traffic.
2. Additional one-way control may be effected by the following means:
   1. Flag-carrying vehicle;
   2. Official vehicle;
   3. Pilot vehicles;
   4. Traffic signals.

   When flaggers are the sole means of one-way control, the flaggers shall be in sight of each other or in direct communication at all times.
3. The ONE-LANE ROAD signs are to be fully covered and the FLAGGER signs either removed or fully covered when no work is being performed and the highway is open to two-way traffic.
4. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
5. The two channelizing devices directly in front of the work area and the one channelizing device directly at the end of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
6. For general TCZ requirements and additional information, refer to Index No. 600.

DURATION NOTES

1. ROAD WORK AHEAD and the BE PREPARED TO STOP signs may be omitted if all of the following conditions are met:
   a. Work operations are 60 minutes or less.
   b. Speed limit is 45 mph or less.
   c. No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space.
   d. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
   e. Volume and complexity of the roadway has been considered.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA BETWEEN THE CENTERLINE AND A LINE 2' OUTSIDE THE EDGE OF TRAVEL WAY.

LAST REVISION	DESCRIPTION:	FDOT 2014 DESIGN STANDARDS	TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY	INDEX NO.	SHEET NO.
07/01/09				603	1 of 2

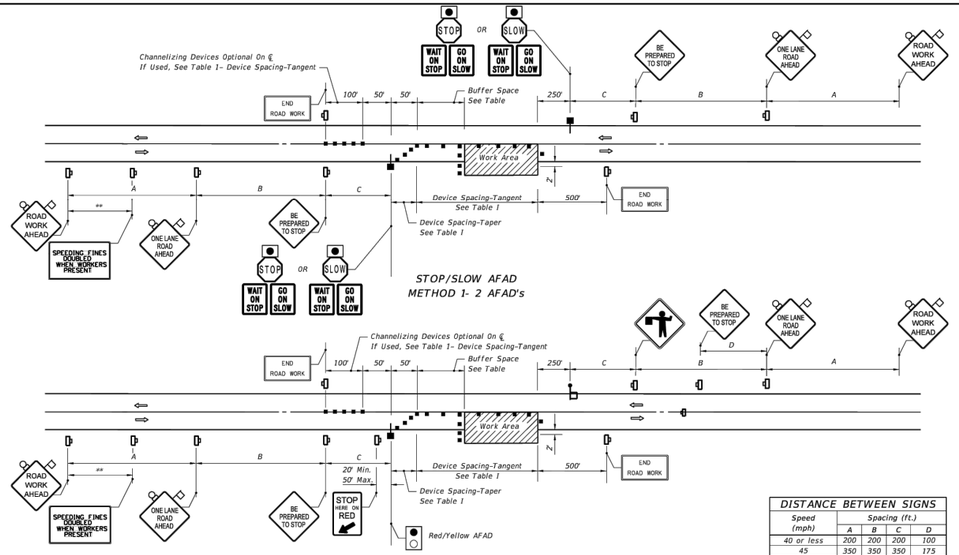
MAINTENANCE OF TRAFFIC
F.D.O.T.
DETAILS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

REG. P.E. ENG. NO. 43970

DRAWN BY: GPH/TAH — DESIGNED BY: GPH — CHECKED BY: GPH
DATE: MAY 2023 — PROJECT MANAGER: CHRIS A. CURB — DISTRICT: 2
FIELDBOOK / PAGES: TC 2011-35 — SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W

DRAWING NUMBER 6.01
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 6.01.3



STOP/SLOW AFAD
METHOD 1- 2 AFAD's

RED/YELLOW AFAD
METHOD 2- 1 AFAD AND A FLAGGER

DISTANCE BETWEEN SIGNS				
Speed (mph)	Spacing (ft.)			
	A	B	C	D
40 or less	200	200	200	100
45	350	350	350	175
50	500	500	500	250
55 or greater	2640	1640	1000	500

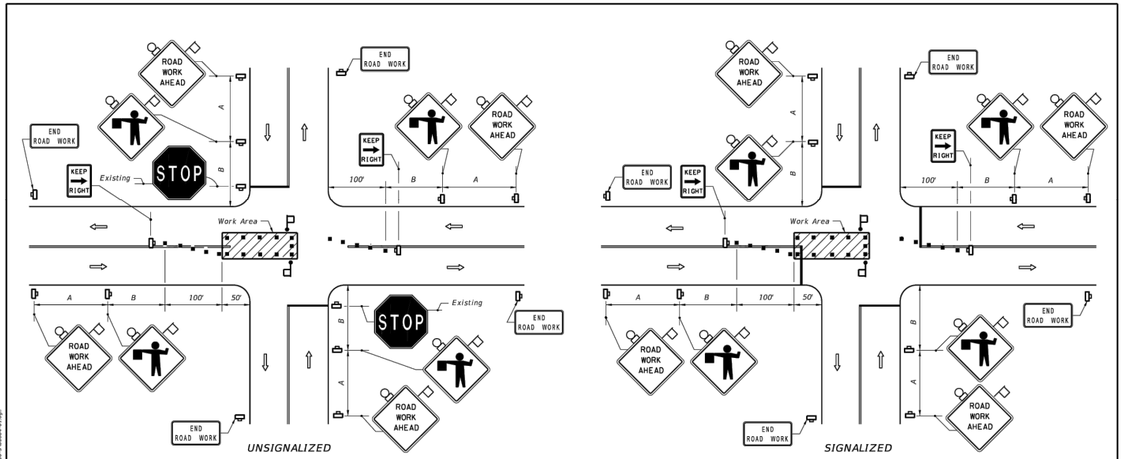
* (See Sheet 1 Notes)
** (See Sheet 1 Notes)

AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD) NOTES

1. AFAD's shall only be used in situations where there is only one lane of approaching traffic in the direction to be controlled.
2. When used at nighttime, the AFAD flagging station shall be illuminated.
3. When the AFAD is not in use, it shall be moved outside the clear zone or be shielded by a barrier or crash cushion and the signs associated with the AFAD shall be removed or covered.
4. Duration Notes shown on sheet 1 of 2 do not apply when AFAD are used.
5. Only qualified flaggers who have been trained in the operation of the AFAD may operate the AFAD. When in use, each AFAD must be in view of and attended at all times by the flagger operating the device. Use two flaggers and one of the following methods in the deployment of AFAD:
   Method 1: Place an AFAD at each end of the temporary traffic control zone.
   Method 2: Place an AFAD at one end of the temporary traffic control zone and a flagger at the opposite end.

A single flagger may simultaneously operate two AFAD (Method 1) or may operate a single AFAD on one end of the temporary traffic control zone while being the flagger at the opposite end of the temporary traffic control zone (Method 2) if all four of the following conditions are present:
a. The flagger has an unobstructed view of the AFAD(s);
b. The flagger has an unobstructed view of approaching traffic in both directions; and
c. For Method 1, the AFAD's are less than 800 ft apart. For Method 2, the AFAD and the flagger are less than 800 ft apart.
d. Ensure two trained flaggers are available on-site to provide normal flagging operations should an AFAD malfunction.

LAST REVISION	REVISION	DESCRIPTION:	FDOT 2014 DESIGN STANDARDS	TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY	INDEX NO.	SHEET NO.
07/01/10					603	2 of 2



SYMBOLS

- Work Area
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Flagger
- Stop Bar
- Lane Identification + Direction of Traffic

GENERAL NOTES

1. The FLAGGER legend sign may be substituted for the symbol sign.
2. When vehicles in a parking zone block the line of sight to TCZ signs, the signs shall be post mounted and located in accordance with Index No. 17302.
3. If the work space extends across a crosswalk, the crosswalk should be closed using the information in Index No. 660.
4. Flaggers shall be located where they can control more than one direction of traffic.

   Flaggers shall be in sight of each other or in direct communication at all times.
5. Maximum spacing between channelizing devices shall be not greater than 20'.
6. Temporary signal phasing modifications are to be approved by the District Traffic Operations Engineer prior to the beginning of work.
7. For general TCZ requirements and additional information, refer to Index No. 600.

DURATION NOTES

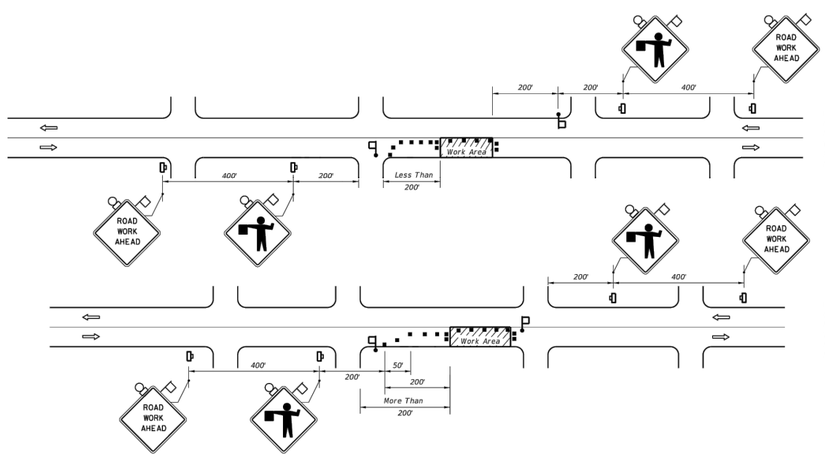
1. ROAD WORK AHEAD AND END ROAD WORK sign may be omitted if all of the following conditions are met:
   a. Work operations are 60 minutes or less.
   b. Speed is 45 mph or less.
   c. No sight obstructions to vehicles approaching the work area for a distance equal to A plus B.
   d. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
   e. Volume and complexity of the roadway has been considered.

DISTANCE BETWEEN SIGNS		
Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE PAVEMENT REQUIRING THE CLOSURE OF A PORTION OF ONE OR MORE TRAFFIC LANES IN AN INTERSECTION.

LAST REVISION	REVISION	DESCRIPTION:	FDOT 2014 DESIGN STANDARDS	TWO-LANE, TWO-WAY, WORK IN INTERSECTION	INDEX NO.	SHEET NO.
07/01/09					604	1 of 1



CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE PAVEMENT REQUIRING THE CLOSURE OF ONE TRAFFIC LANE, FOR WORK AREAS LESS THAN 200' DOWNSTREAM FROM AN INTERSECTION FOR A PERIOD OF MORE THAN 60 MINUTES.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE PAVEMENT REQUIRING THE CLOSURE OF ONE TRAFFIC LANE, FOR WORK AREAS 200' OR MORE DOWNSTREAM FROM AN INTERSECTION FOR A PERIOD OF MORE THAN 60 MINUTES.

SYMBOLS

- Work Area
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Flagger
- Lane Identification + Direction of Traffic

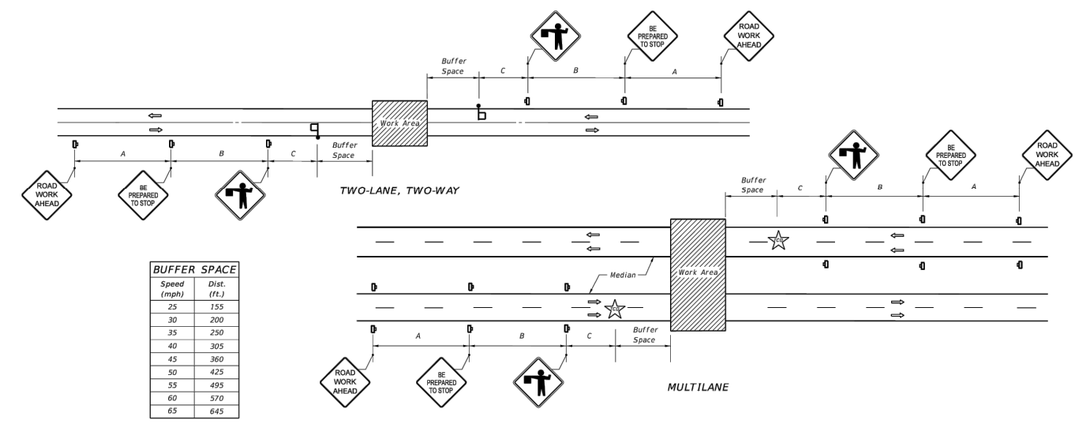
GENERAL NOTES

1. Work operations shall be confined to one travel lane, leaving the opposing travel lane open to traffic.
2. When vehicles in a parking zone block the line of sight to TCZ signs or when TCZ signs encroach on a normal pedestrian walkway, the signs shall be post mounted and located in accordance with Index No. 17302.
3. If work area is confined to an outside auxiliary lane, the work area shall be barricaded and the FLAGGER signs replaced by ROAD WORK AHEAD signs. Flaggers are not required.
4. Flaggers shall be in sight of each other or in direct communication at all times.
5. The FLAGGER legend sign may be substituted for the symbol sign.
6. The maximum spacing between devices shall be no greater than 25.'
7. For general TCZ requirements and additional information, refer to Index No. 600.
8. The two channelizing devices directly in front and directly at the end of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.

DURATION NOTES

1. ROAD WORK AHEAD sign may be omitted if all of the following conditions are met:
   a. Work operations are 60 minutes or less.
   b. Speed is 45 mph or less.
   c. No sight obstructions to vehicles approaching the work area for a distance of 600 feet.
   d. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
   e. Volume and complexity of the roadway has been considered.

LAST REVISION	REVISION	DESCRIPTION:	FDOT 2014 DESIGN STANDARDS	TWO-LANE, TWO-WAY, WORK NEAR INTERSECTION	INDEX NO.	SHEET NO.
07/01/09					605	1 of 1



BUFFER SPACE	
Speed (mph)	Dist. (ft.)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645

DISTANCE BETWEEN SIGNS			
Speed (mph)	Spacing (ft.)		
	A	B	C
40 or less	200	200	200
45	350	350	350
50 or greater	500	500	500

SYMBOLS

- Work Area
- Sign
- Work Zone Sign
- Flagger
- Traffic Control Officer
- Lane Identification + Direction of Traffic

GENERAL NOTES

1. This Index does not apply to limited access facilities.
2. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with applicable TCZ Indexes.
3. Traffic volume or complexity of the roadway may dictate additional devices, signs, flagmen and/or a traffic control officer.
4. The buffer space may be omitted if there are no sight obstructions to vehicles approaching the Flagger/Officer for distance equal to the buffer space.
5. A Flagger may be substituted for a Traffic Control Officer and the BE PREPARED TO STOP sign may be omitted, when the following conditions are met:
   a. Speed limit is 45 mph or less.
   b. No sight obstructions to vehicles approaching the Flagger/Officer for a distance equal to the buffer space.
   c. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
6. On undivided highways the median sign as shown are to be omitted.
7. For general TCZ requirements and additional information refer to FDOT Index No. 600.

CONDITIONS

PLANNED CLOSURE NOT EXCEEDING 5 MINUTES.

LAST REVISION	REVISION	DESCRIPTION:	FDOT 2014 DESIGN STANDARDS	TEMPORARY ROAD CLOSURE 5 MINUTES OR LESS	INDEX NO.	SHEET NO.
07/01/13					625	1 of 1

MAINTENANCE OF TRAFFIC
F.D.O.T.
DETAILS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970	DATE:
DRAWN BY: GPH/TAH	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 3	SIGNATURE:
DATE: MAY 2023	FIELD BOOK/PAGES: TC 309/35	SECTION/TOWNSHIP/RANGE: 35 / 2S / 31W	

NUMBER	REVISIONS	DATE	APPROVED BY

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PHASE	REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION CHECKER (QR)	DATE
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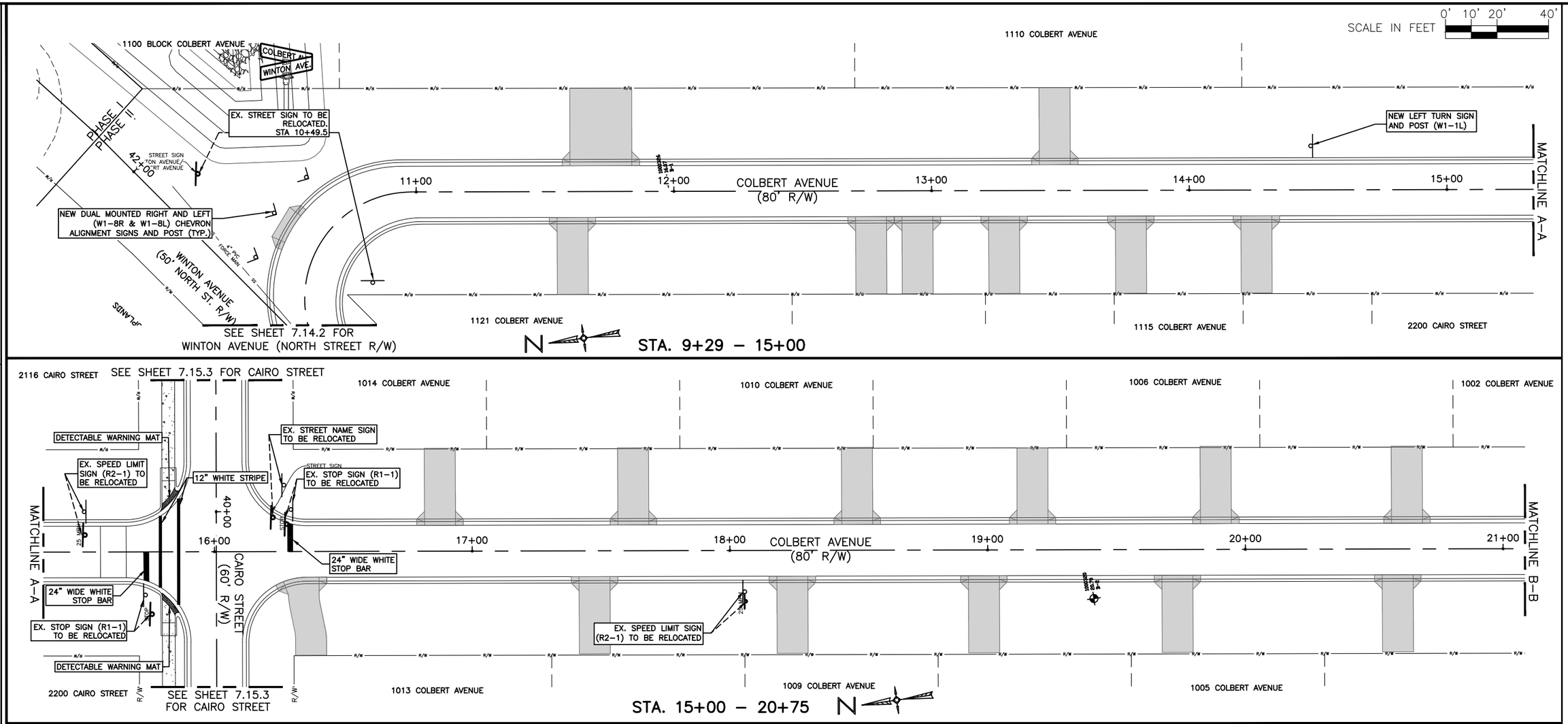
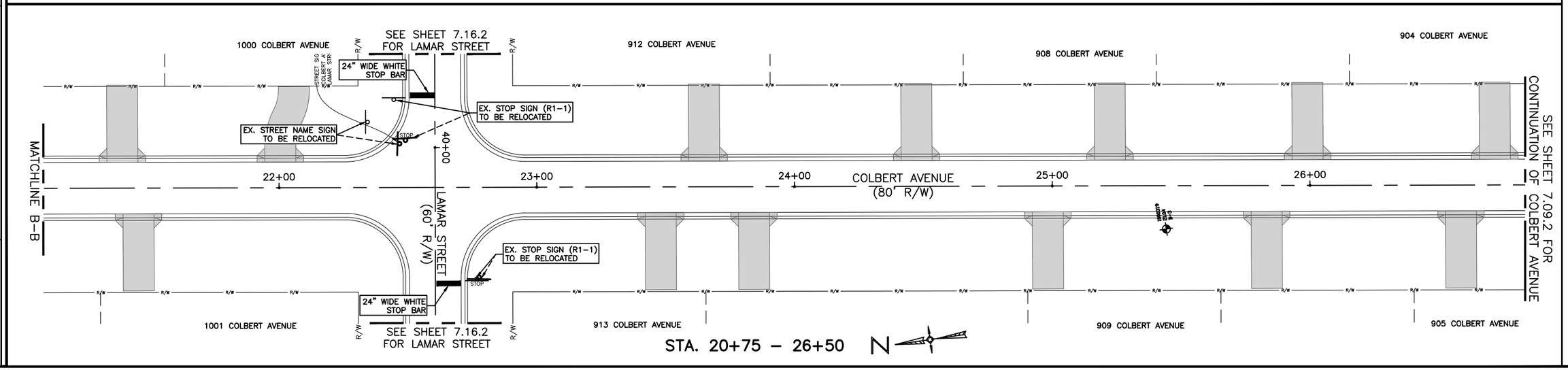




UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
COLBERT AVENUE (80' R/W)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

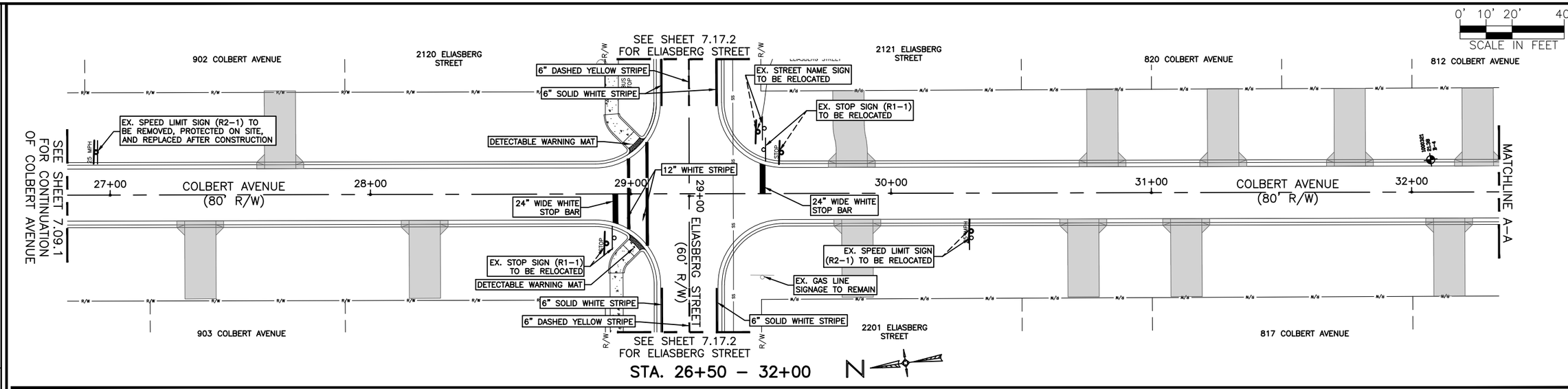
DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. P.E. ENG. NO. 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK / PAGES: TC30 / 1-35		SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W	SIGNATURE:

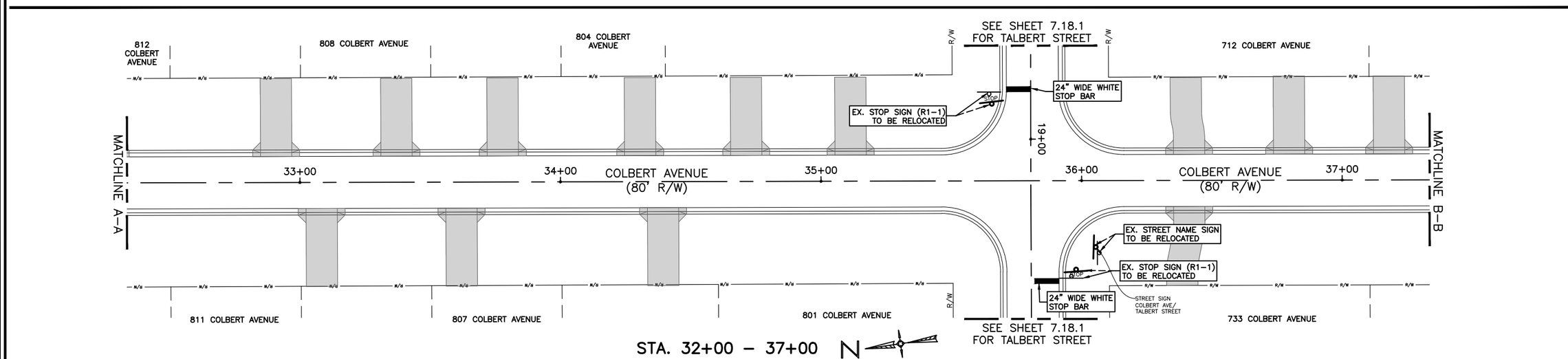
NUMBER	REVISIONS	DATE	APPROV.(D.B.)

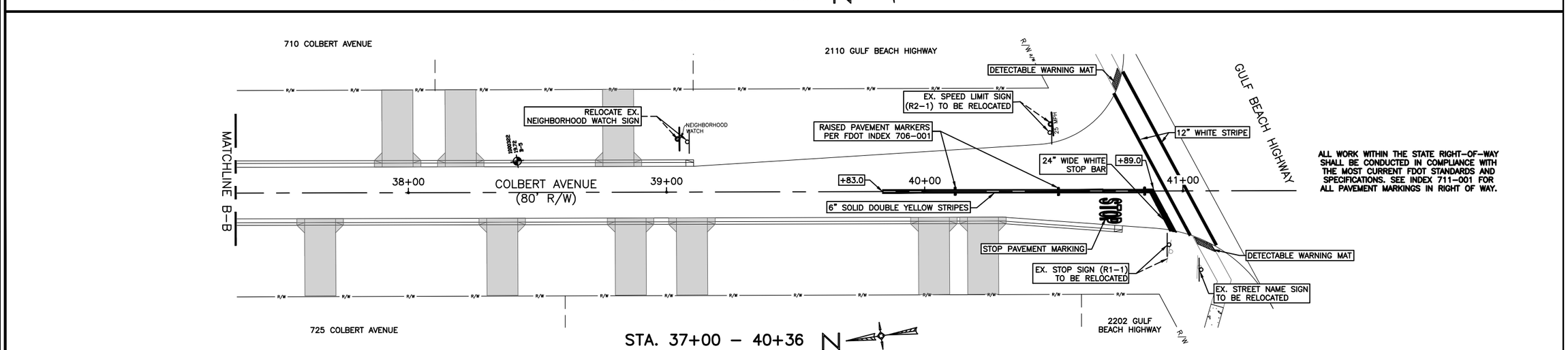
DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.09.1

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\7.01 Signage_Striping_Plan – PH II.dwg, May 25, 2023 – 11:25:22AM, gpotter

PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter) DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter) DATE
SIGNATURE:	ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)		ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE
	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)		
	CHANGE INCORPORATION (Yellow HighLighter)		







ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS. SEE INDEX 711-001 FOR ALL PAVEMENT MARKINGS IN RIGHT OF WAY.

UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
COLBERT AVENUE (80' R/W)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DESIGNED BY: GPH	CHECKED BY: GPH
REG. FLA. ENG. NO. 43970	DATE:
DRAWN BY: GPH/TAH	PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 2	SIGNATURE:
DATE: MAY 2023	SECTION/TOWNSHIP/RANGE 35 / 2S / 31W
TOTAL NO. OF PAGES: 2	FIELD BOOK/PAGES: TC30 / 1-35

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.09.2

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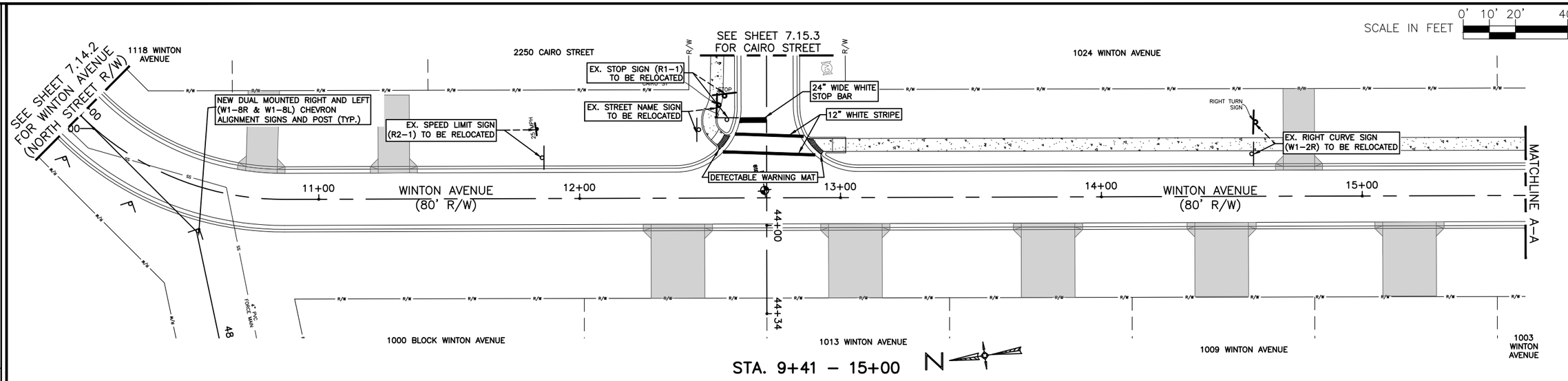
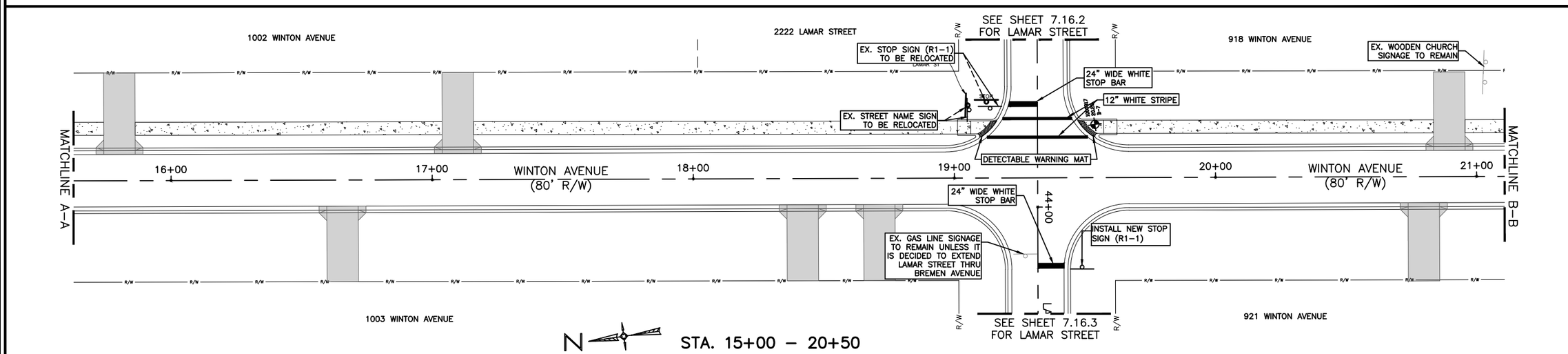
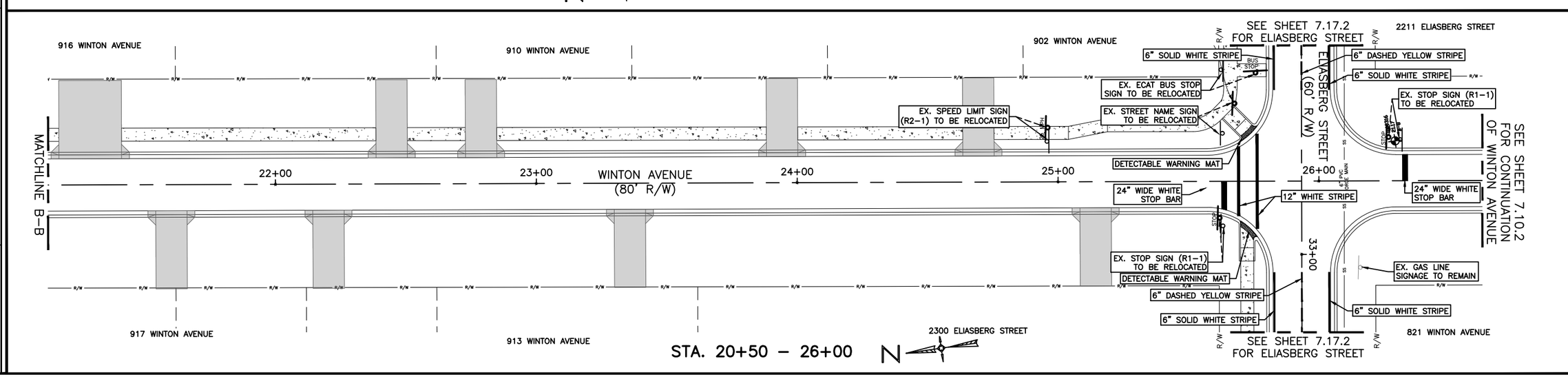
PHASE ___ REVIEW			
ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter) DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter) DATE
SIGNATURE:		ORIGINATOR VERIFICATION	Correct (Pink Highlighter) DATE

ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen) DATE	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark) DATE
CHANGE INCORPORATION	(Yellow HighLighter) DATE		







UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
WINTON AVENUE (80' R/W)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY:	GPH
DESIGNED BY:	GPH
CHECKED BY:	GPH
REG. PLA. ENG. NO.	43970
DATE:	
SIGNATURE:	
DATE:	MAY 2023
PROJECT MANAGER:	CHRIS A. GERB
DISTRICT:	2
SECTION / TOWNSHIP / RANGE	35 / 2S / 31W
FIELD BOOK / PAGES:	TC30 / 1-35

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.10.1

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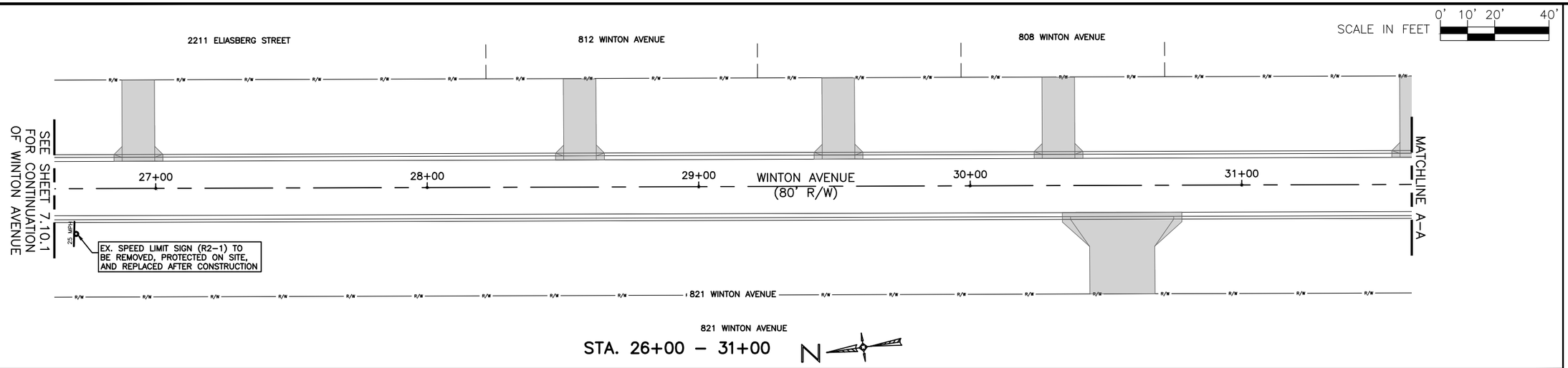
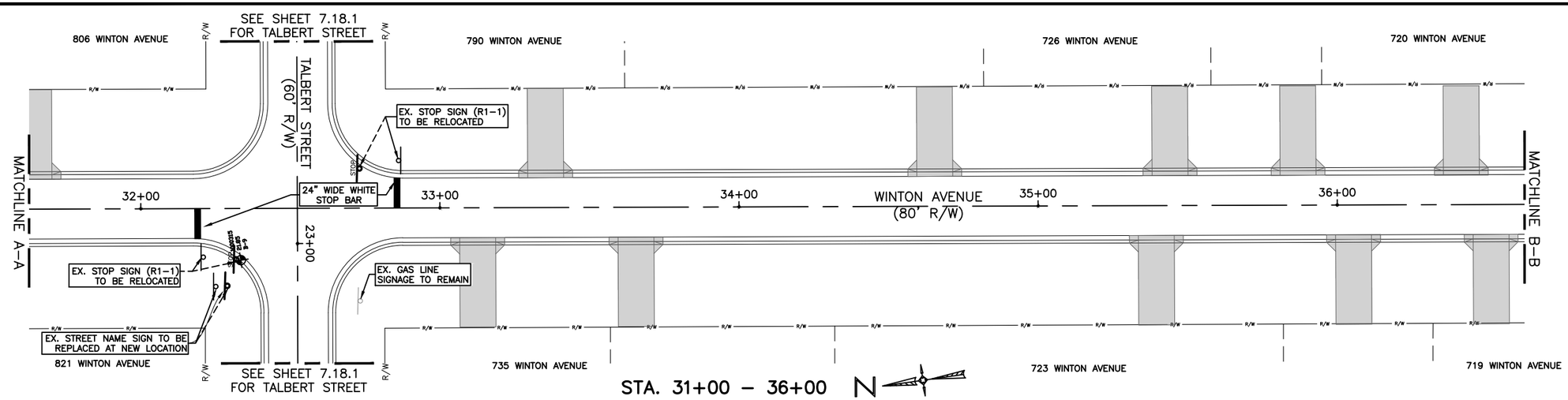
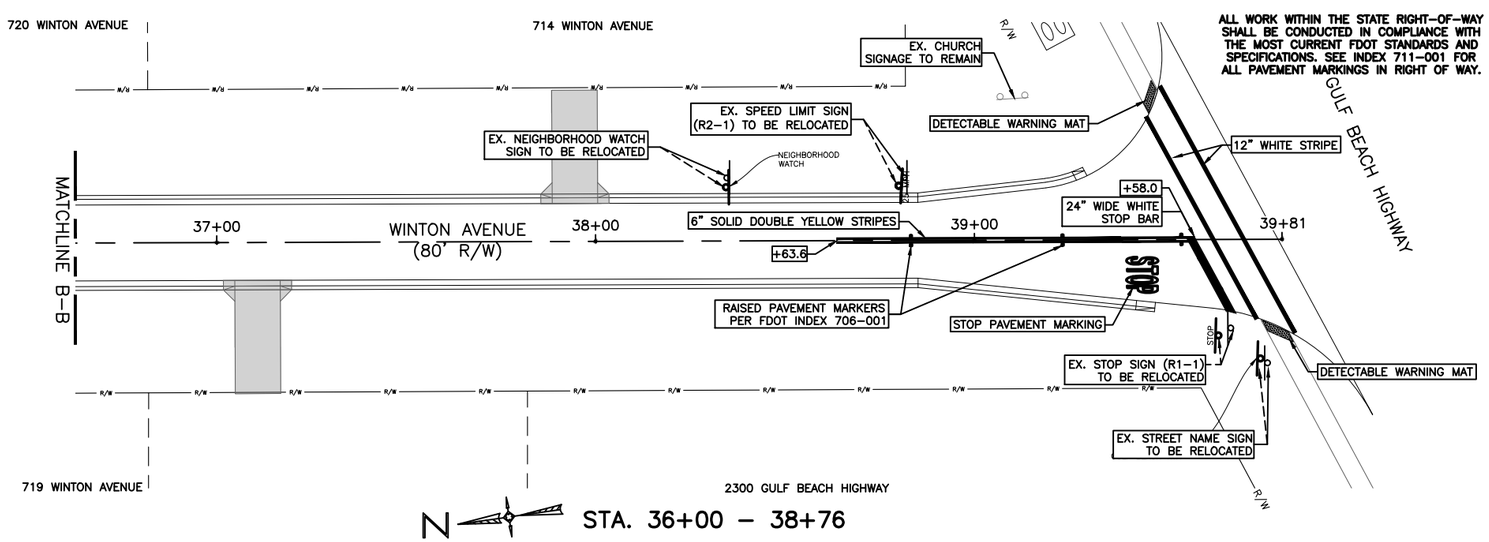
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
	CHECKER (RP)		ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE
	CHANGE INCORPORATION		ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE
			(Red Pen X-Out to Disagree or Remark)	(Yellow Highlighter)	DATE



STA. 26+00 – 31+00



STA. 31+00 – 36+00



STA. 36+00 – 38+76

UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
WINTON AVENUE (80' R/W)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CPHTAH	DESIGNED BY: CPH	CHECKED BY: CPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.10.2

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PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	CHECKER (RP)	DATE	ORIGINATOR (QR)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHANGE INCORPORATION (Yellow HighLighter)		(Red Pen X-Out to Disagree or Remark)		REMARK INCORPORATION (Blue Highlighter)	
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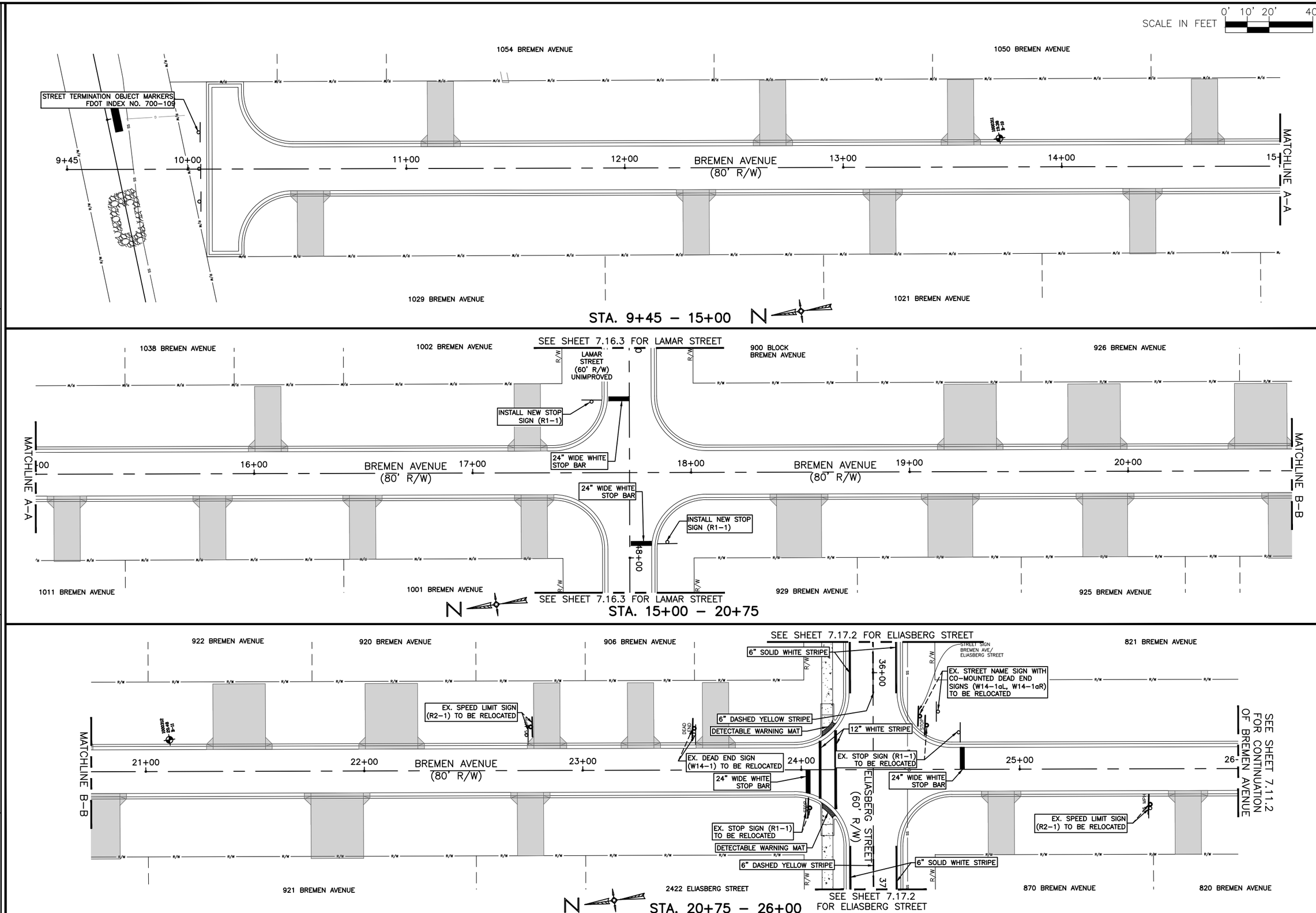

UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
BREMEN AVENUE (80' R/W)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: UPHTAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. PLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK/PAGES: TC30 / 1-35	SECTION/TOWNSHIP/RANGE: 35 / 2S / 31W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.11.1

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PHASE ___ REVIEW			
ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter) DATE
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SIGNATURE:		ORIGINATOR VERIFICATION	Correct (Pink Highlighter) DATE
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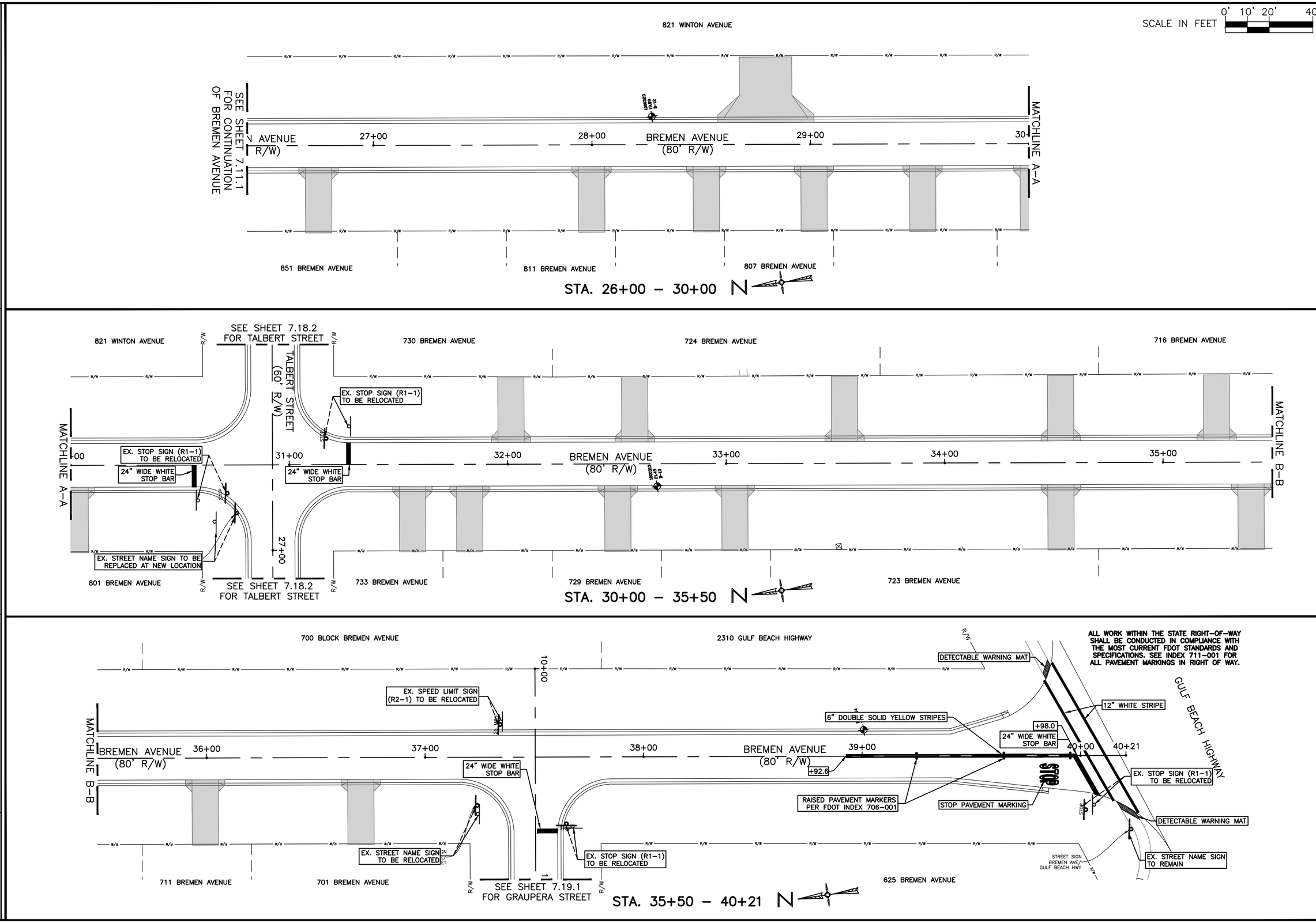
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)		
CHANGE INCORPORATION	(Yellow HighLighter)		



UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
BREMEN AVENUE (80' R/W)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY:	CPHTAH
DATE:	MAY 2, 2023
TRACED BY:	
DESIGNED BY:	GPH
PROJECT MANAGER:	CHRIS A. CURB
FIELD BOOK / PAGES:	TC30 / 1-35
CHECKED BY:	GPH
DISTRICT:	2
SECTION / TOWNSHIP / RANGE:	35 / 2S / 31W
REG. PLA ENG. NO.	43970
SIGNATURE:	
DATE:	

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
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SHEET	7.11.2

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CHECKER (RP)		REMARK INCORPORATION	(Blue Highlighter)		
CHANGE INCORPORATION		ORIGINATOR VERIFICATION	Correct (Pink Highlighter)		
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		Correct (Green Highlighter) Change (Red Pen)			
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		(Yellow HighLighter)			

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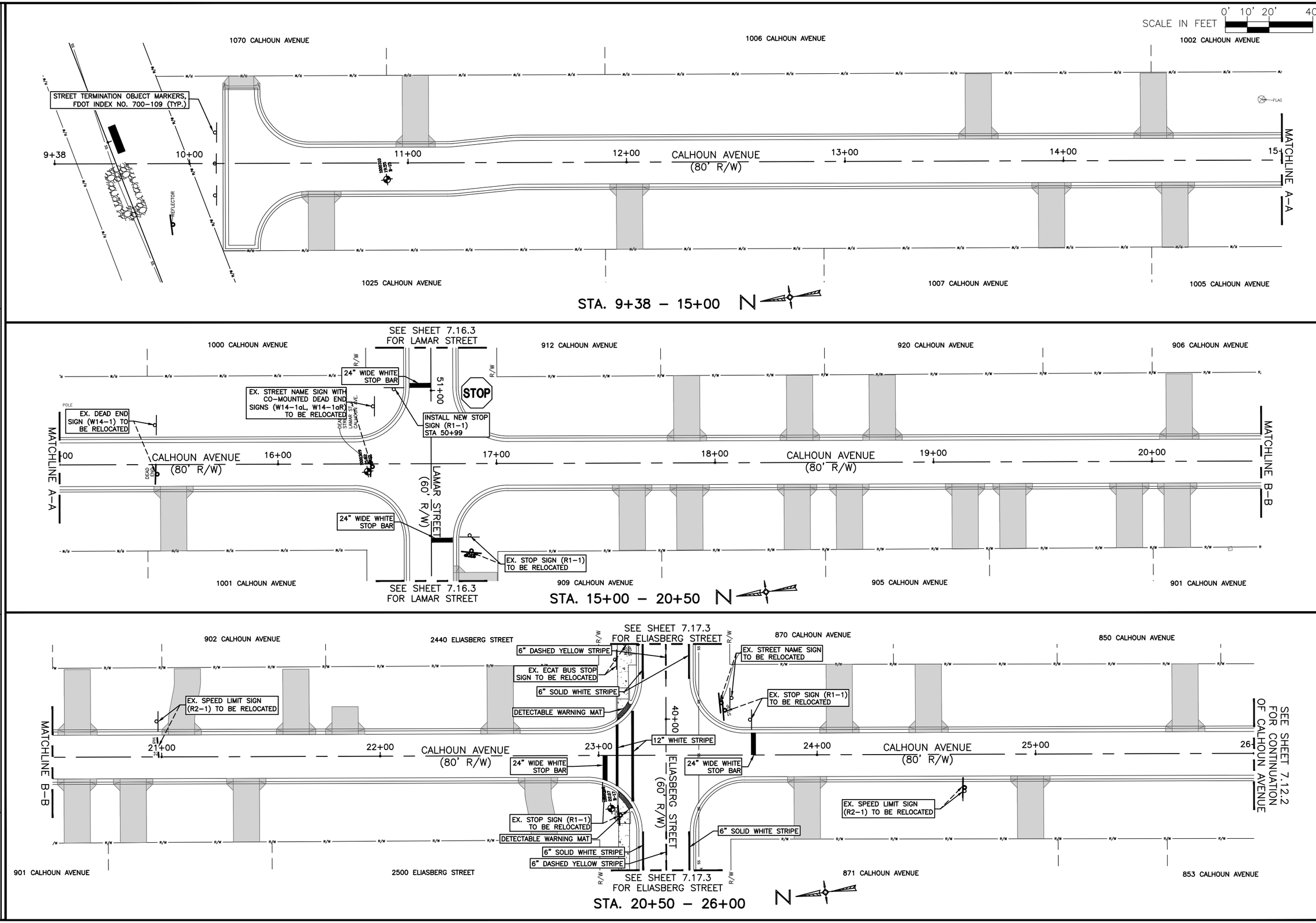

UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
CALHOUN AVENUE (80' R/W)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY:	GPH/TAH
DATE:	MAY 2023
FIELD BOOK/PAGES:	TC30 / 1-35
DESIGNED BY:	GPH
PROJECT MANAGER:	CHRIS A. CERB
CHECKED BY:	GPH
DISTRICT:	2
SECTION/TOWNSHIP/RANGE	35 / 2S / 31W
REG. FLA. ENG. NO.	43970
DATE:	
SIGNATURE:	

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.12.1

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PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter) DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	CHECKER (RP)	REMARK INCORPORATION (Blue Highlighter) DATE
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ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen) DATE
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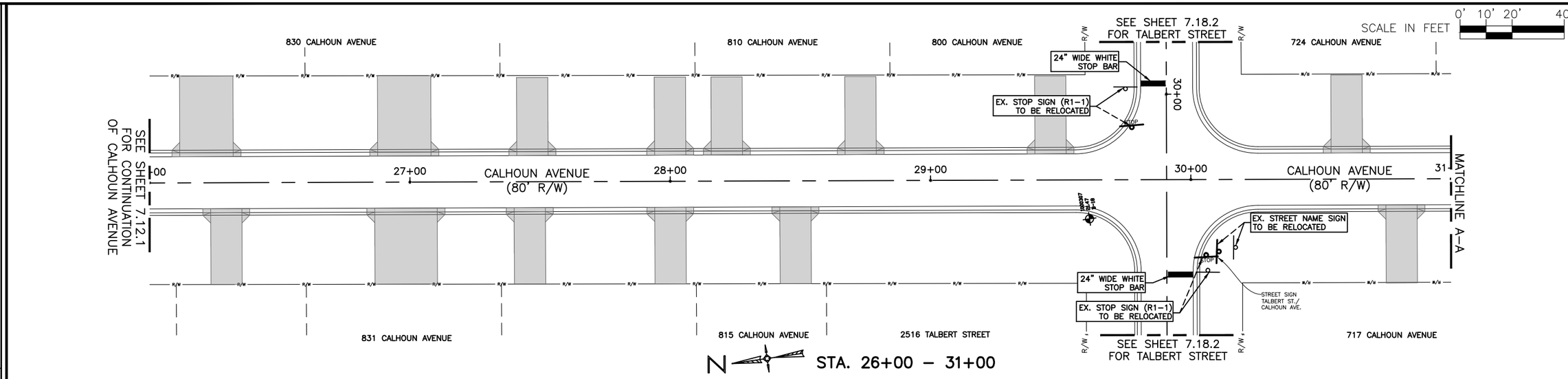
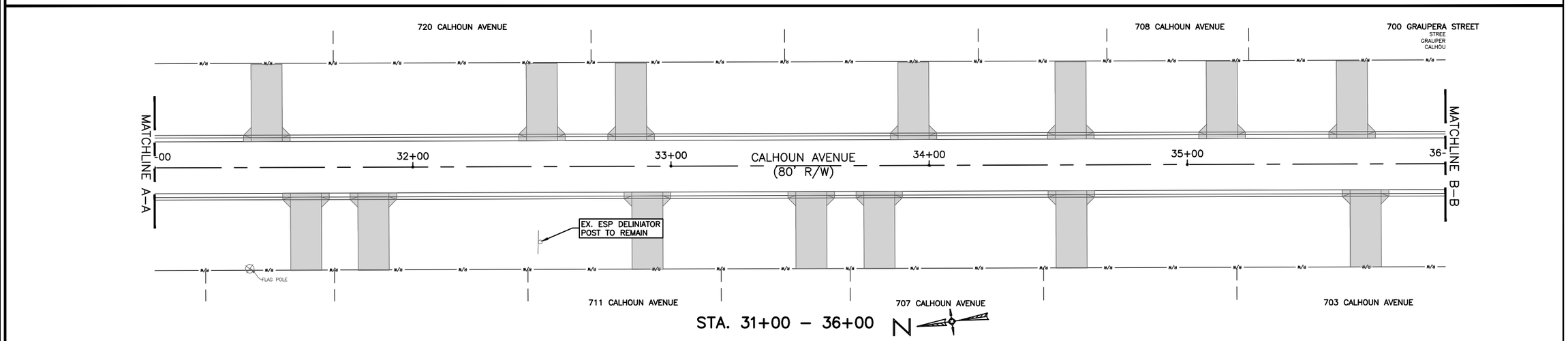
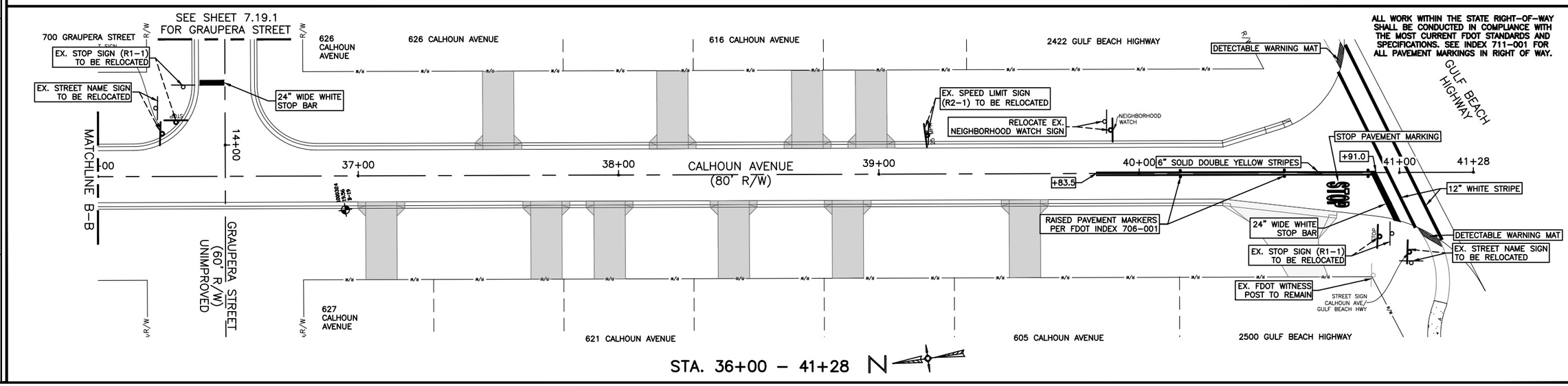
(Yellow HighLighter) DATE







UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
CALHOUN AVENUE (80' R/W)

ESCAMBIA COUNTY FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: CAPITAH	DESIGNED BY: CPH	CHECKED BY: CPH	REG. ELA ENG. NO. 43970
DATE: MAY 2, 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 1	DATE:
FIELD BOOK/ PAGES: TC30 / 1-35	SECTION TOWNSHIP RANGE: 35 / 2S / 31W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.12.2

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PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE
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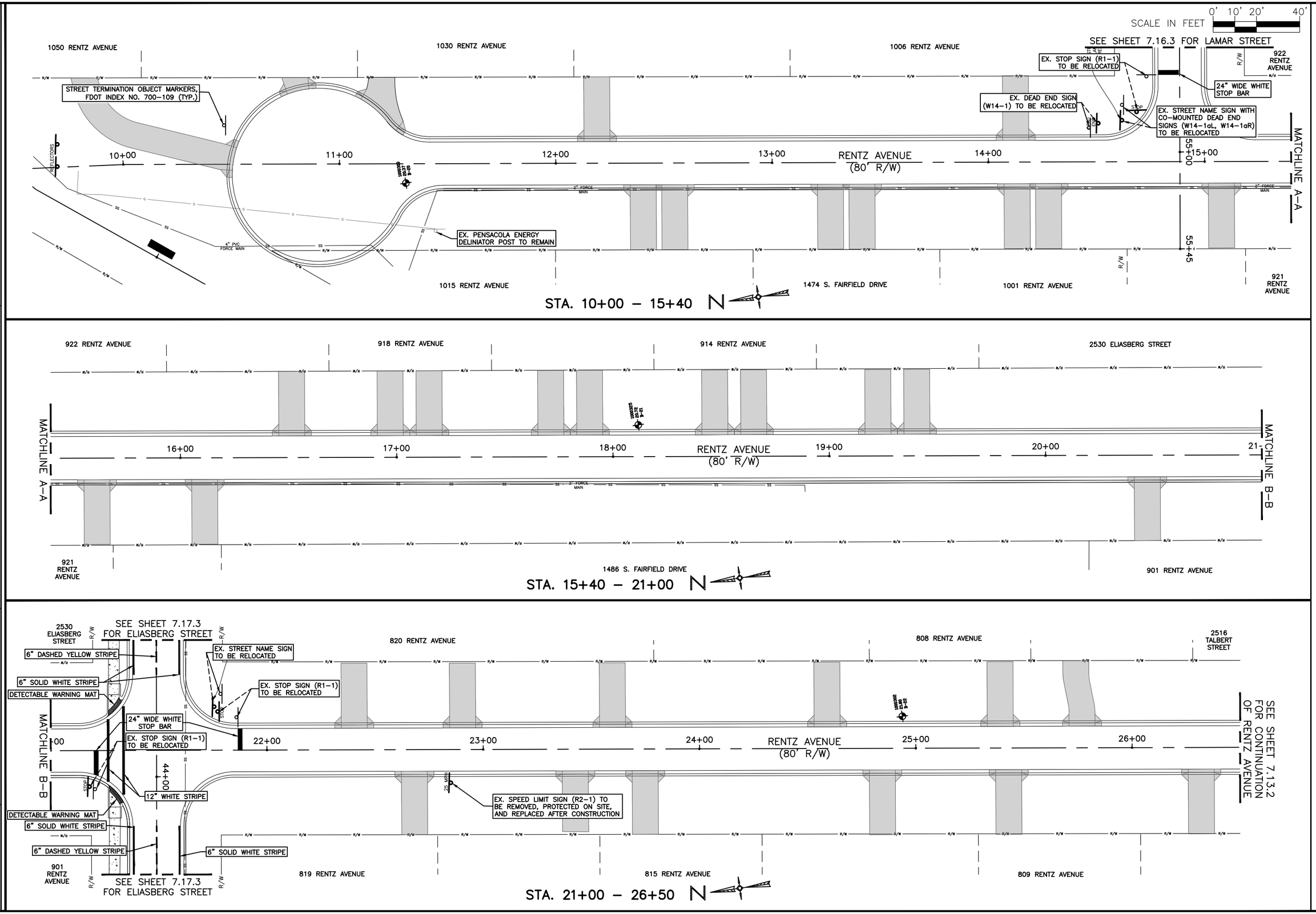
	CHANGE INCORPORATION	(Yellow HighLighter)	DATE



UTILITY RELOCATIONS

SIGNAGE AND STRIPING - PH II

RENTZ AVENUE (80' R/W)

ESCAMBIA COUNTY FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY:	CAPHTAH
DATE:	MAY 2023
TCSD / 1:35	
DESIGNED BY:	GPH
PROJECT MANAGER:	CHRIS A. CURB
FIELD BOOK / PAGES:	
CHECKED BY:	GPH
DISTRICT:	2
SECTION / TOWNSHIP / RANGE	35 / 2S / 31W
REG. PLA ENG. NO.	43970
SIGNATURE:	
DATE:	

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.13.1

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PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
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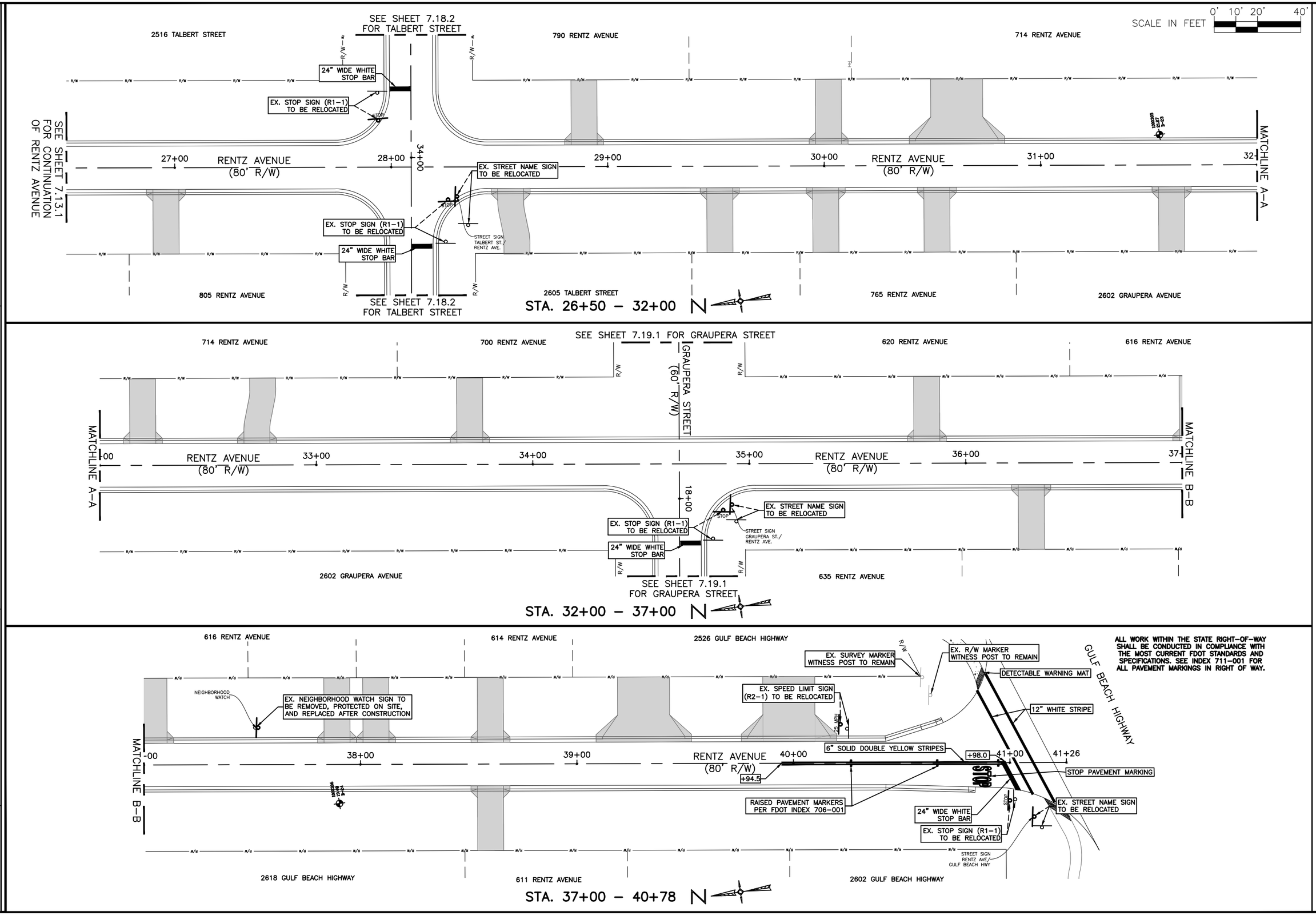
ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen) DATE
(Red Pen X-Out to Disagree or Remark) (Yellow HighLighter) DATE



ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS. SEE INDEX 711-001 FOR ALL PAVEMENT MARKINGS IN RIGHT OF WAY.

UTILITY RELOCATIONS

SIGNAGE AND STRIPING - PH II

RENTZ AVENUE (80' R/W)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION

ESCAMBIA COUNTY, FLORIDA

3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 3	DATE:
FIELD BOOK / PAGES: TC30 / 1-35	SECTION: TOWNSHIP RANGE 35 / 2S / 31W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROV.(D.B.)

DRAWING NUMBER 7.01

PROJECT NUMBER PD11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 7.13.2

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PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter) DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen)	REMARK INCORPORATION (Blue Highlighter) DATE
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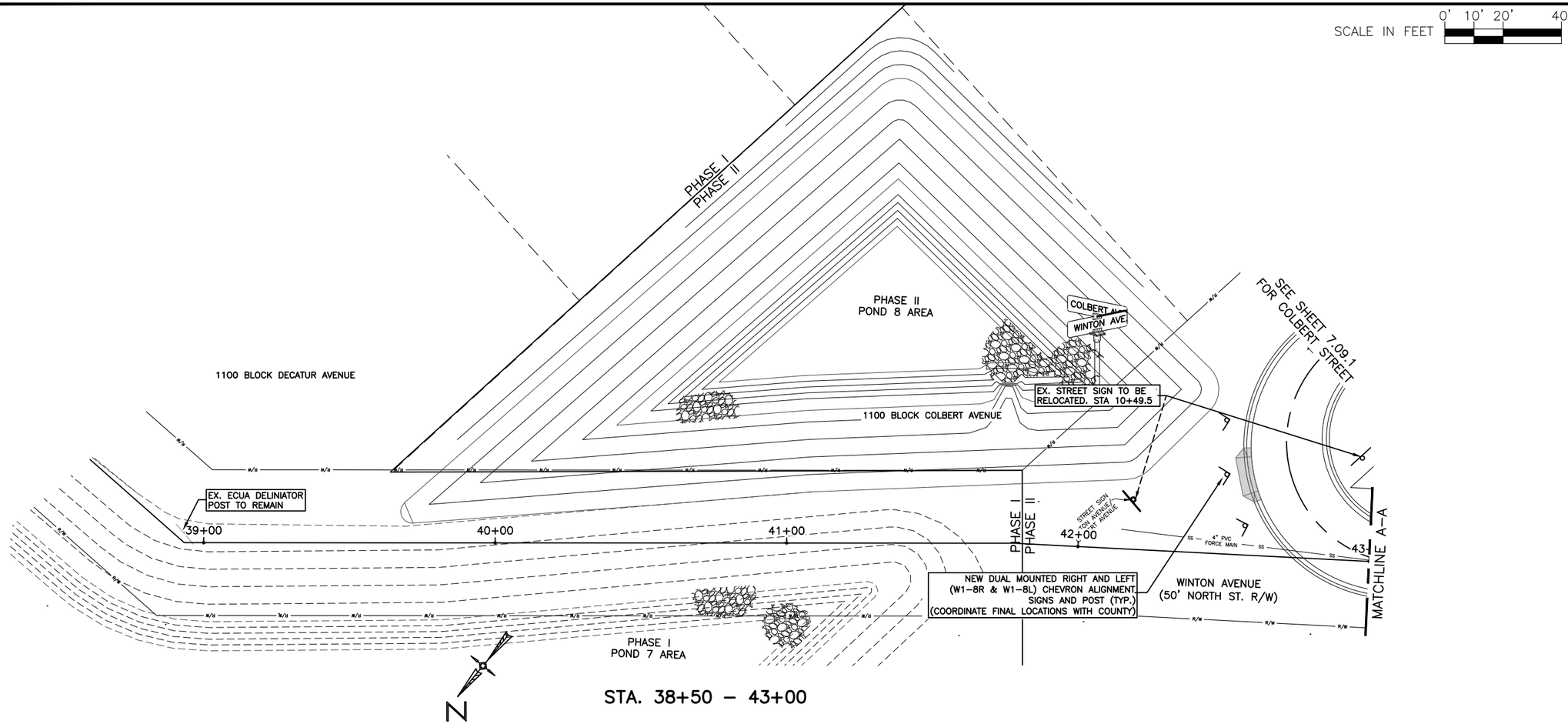
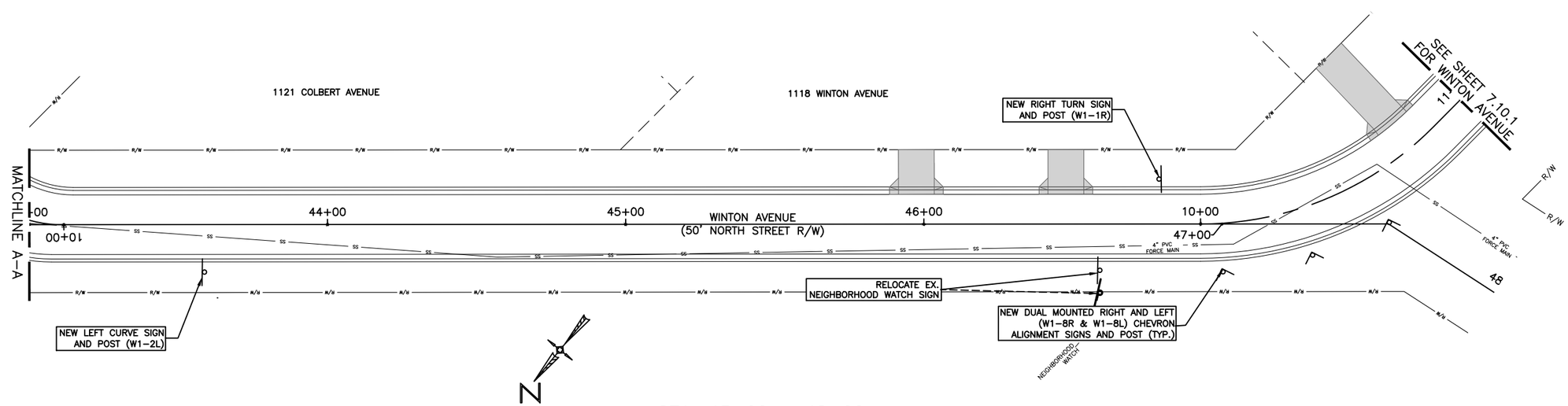


STA. 38+50 – 43+00



STA. 43+00 – 48+00

UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
WINTON AVE. (50' R/W) - COLBERT ST. (50' R/W) - POND 8

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY, 2023	PROJECT MANAGER: CHRIS A. CLUB	DISTRICT: 3 / 2	DATE:
FIELD BOOK / PAGES: TC20 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 7.01
PROJECT NUMBER PD11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 7.14.2

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PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
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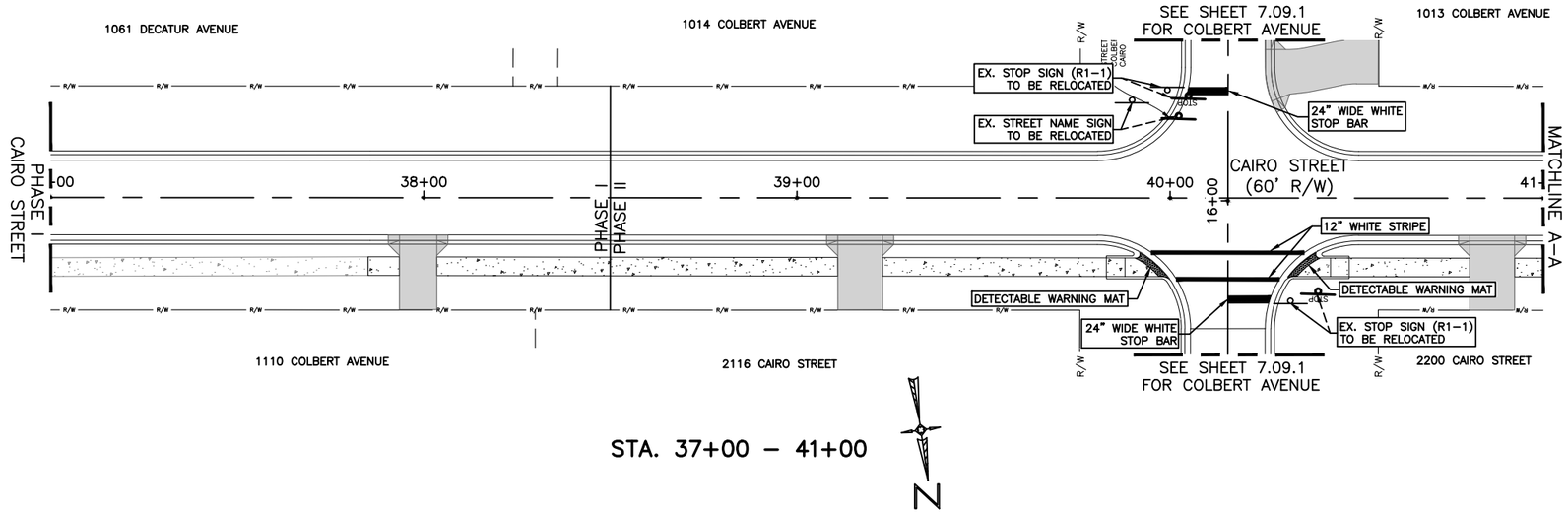
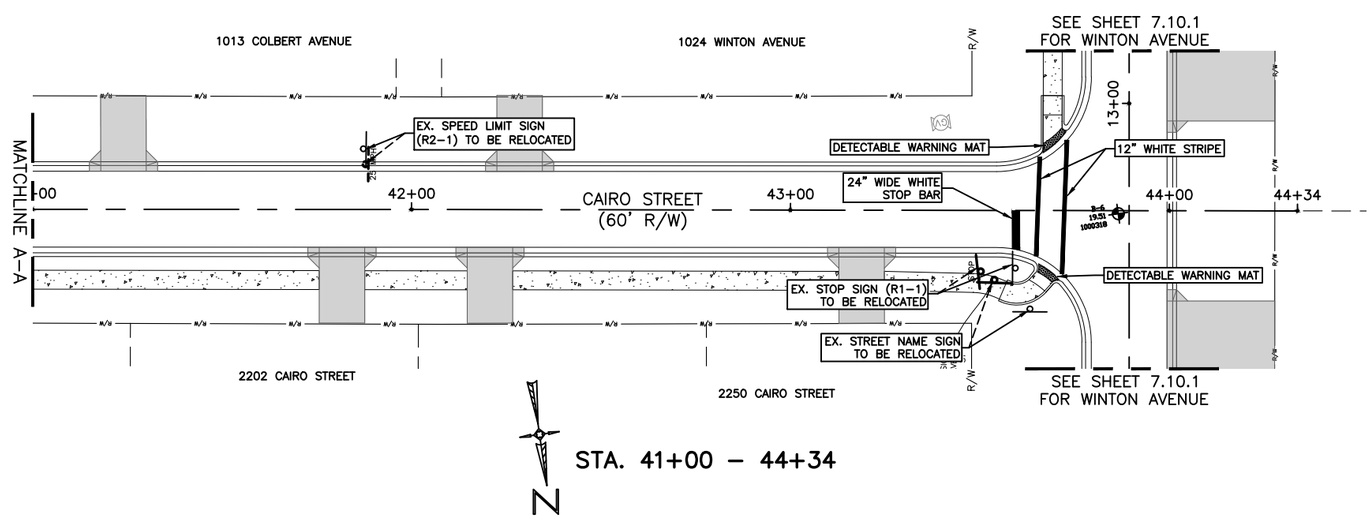
SIGNATURE:			CHANGE INCORPORATION	(Yellow HighLighter)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

SCALE IN FEET 0' 10' 20' 40'





UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
CAIRO STREET (60' R/W)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPHTAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLER	DISTRICT: 2	SIGNATURE:
FIELD BOOK/PAGES: TC30/1-35	SECTION/TOWNSHIP/RANGE 35/2S/31W		DATE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 7.01
PROJECT NUMBER PD11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 7.15.3

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\7.01 Signage_Striping_Plan – PH II.dwg, May 25, 2023 – 11:29:43AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE
	CHANGE INCORPORATION	(Yellow HighLighter)	

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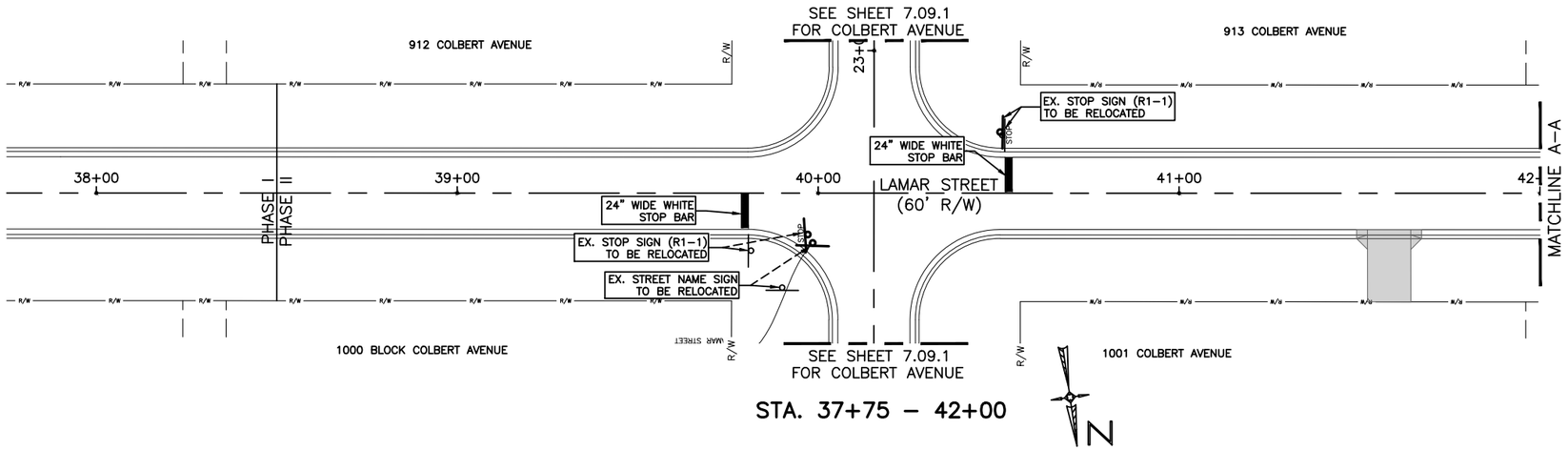
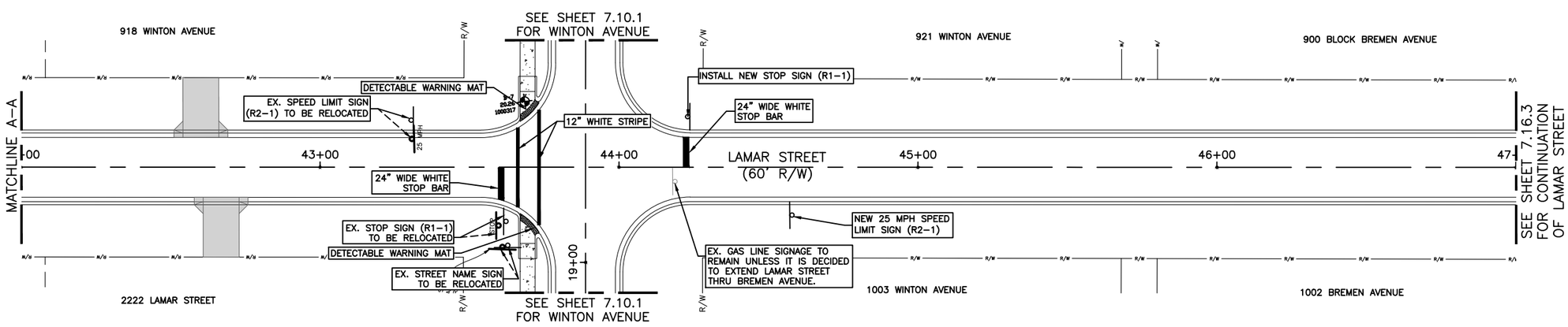
PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)		
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)		
CHANGE INCORPORATION	(Yellow HighLighter)		

SCALE IN FEET 0' 10' 20' 40'



STA. 37+75 – 42+00



STA. 42+00 – 47+00

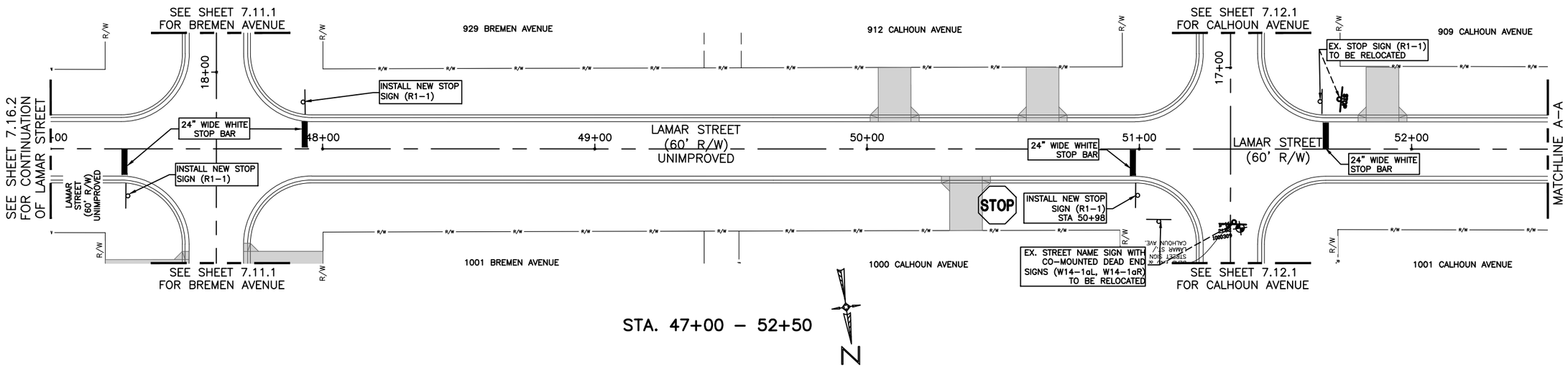
UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
LAMAR STREET (60' R/W)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

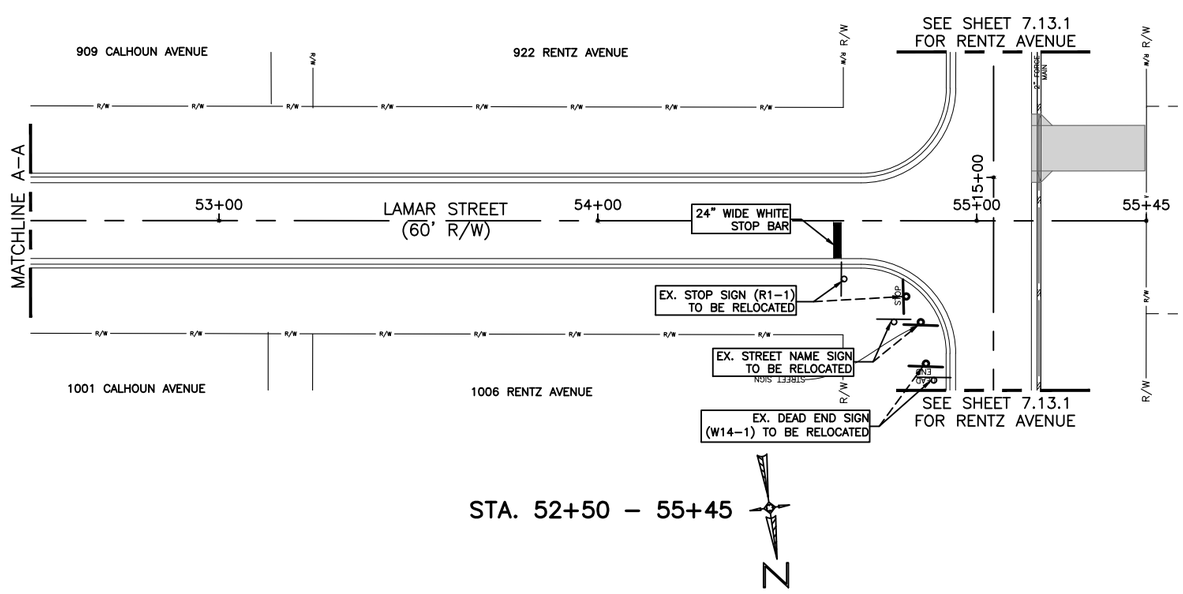
DRAWN BY: GPOTTAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLER	DISTRICT: 2	SIGNATURE:
FIELD BOOK PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2S / 31W		DATE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.16.2



STA. 47+00 – 52+50



STA. 52+50 – 55+45

UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
LAMAR STREET (60' R/W)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPHTAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO.: 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLER	DISTRICT: 2	SIGNATURE:
FIELD BOOK/PAGES: TC30/1-35	SECTION/TOWNSHIP/RANGE: 35/2S/31W		

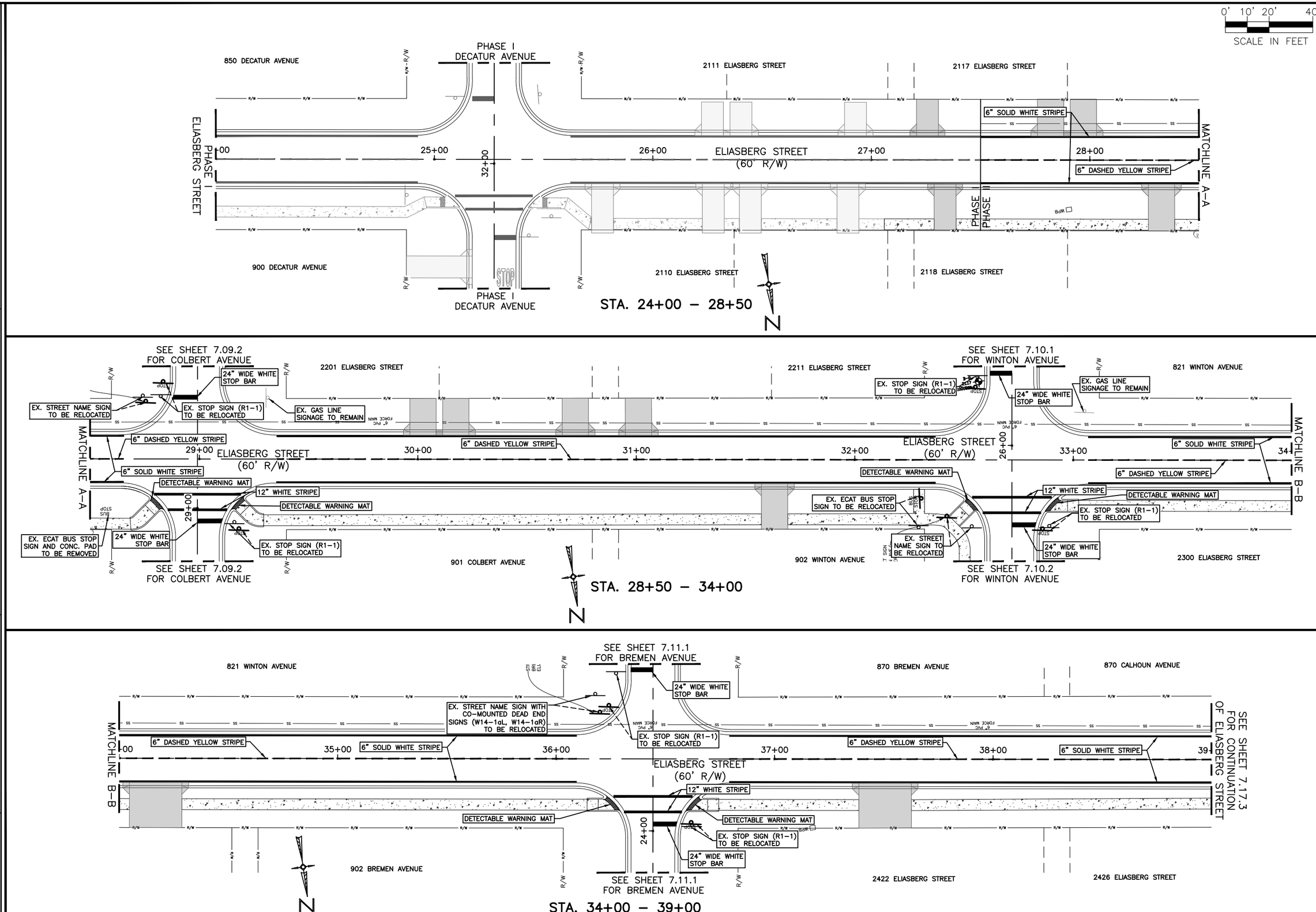
NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.16.3

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\7.01 Signage_Striping_Plan - PH II.dwg, May 25, 2023 - 11:30:13AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
	CHANGE INCORPORATION	(Yellow HighLighter)



UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
ELIASBERG STREET (60' R/W)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:
FIELD BOOK / PAGES: TC30 / 1-35		SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W	

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.17.2

F:\1projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\7.01 Signage_Striping_Plan - PH II.dwg, May 25, 2023 - 11:30:32AM, gpotter

PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
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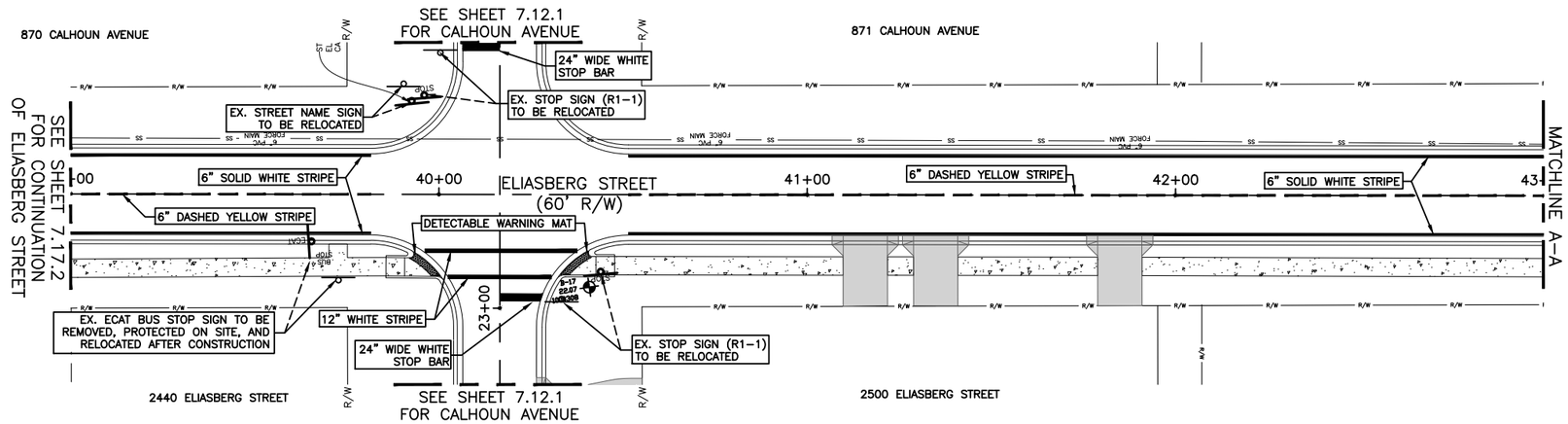
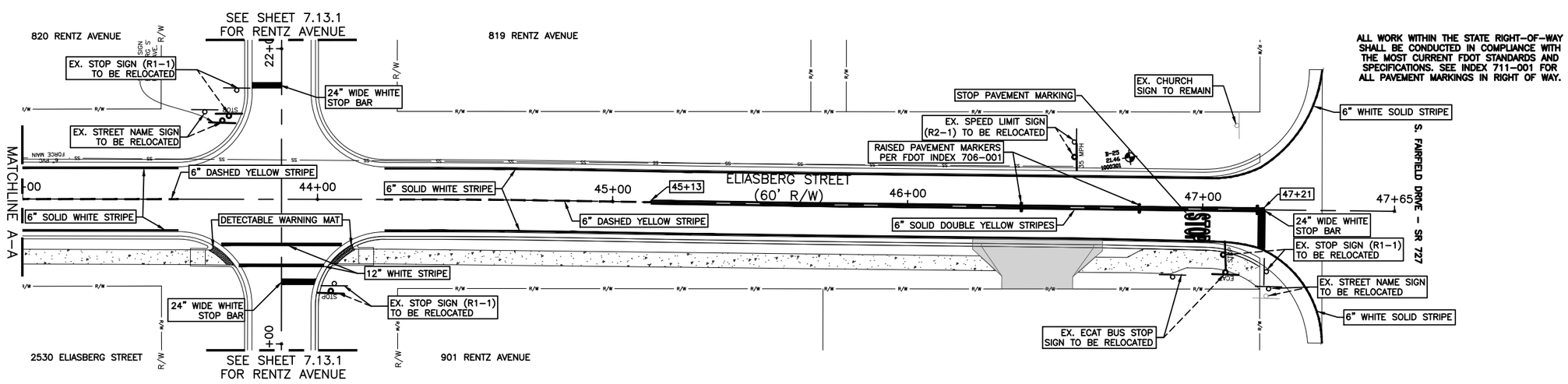
SIGNATURE:			CHANGE INCORPORATION (Yellow HighLighter)		ORIGINATOR VERIFICATION Correct (Pink Highlighter)	



STA. 39+00 – 43+00

N



ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS. SEE INDEX 711-001 FOR ALL PAVEMENT MARKINGS IN RIGHT OF WAY.

STA. 43+00 – 47+59

N

0' 10' 20' 40'
SCALE IN FEET

UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
ELIASBERG STREET (60' R/W)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLER	DISTRICT: 3	DATE:
FIELD BOOK/PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 25 / 31W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 7.01
PROJECT NUMBER PD11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 7.17.3

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PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR) (Blue Highlighter) DATE
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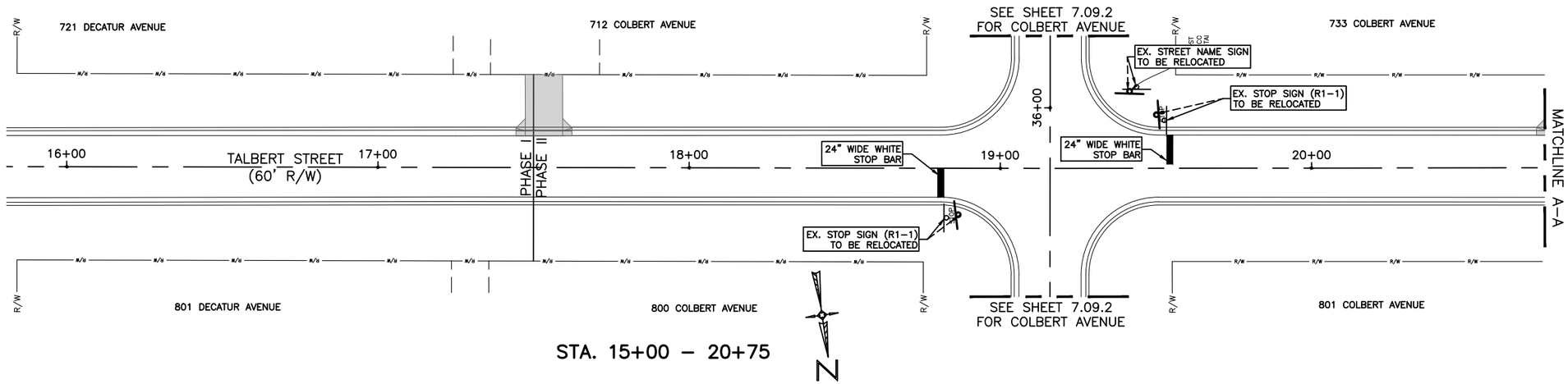
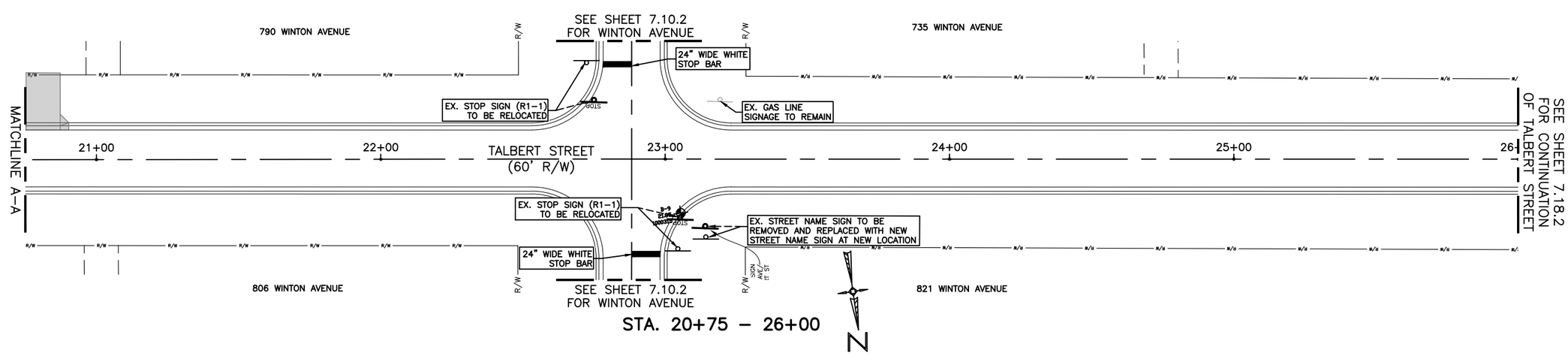
ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	
CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	
CHANGE INCORPORATION	(Yellow HighLighter)	

SCALE IN FEET 0' 10' 20' 40'



STA. 15+00 – 20+75



STA. 20+75 – 26+00

UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
TALBERT STREET (60' R/W)

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLER	DISTRICT: 2	SIGNATURE:
FIELD BOOK/ PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2S / 31W		DATE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.18.1

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PHASE	ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
REVIEW	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

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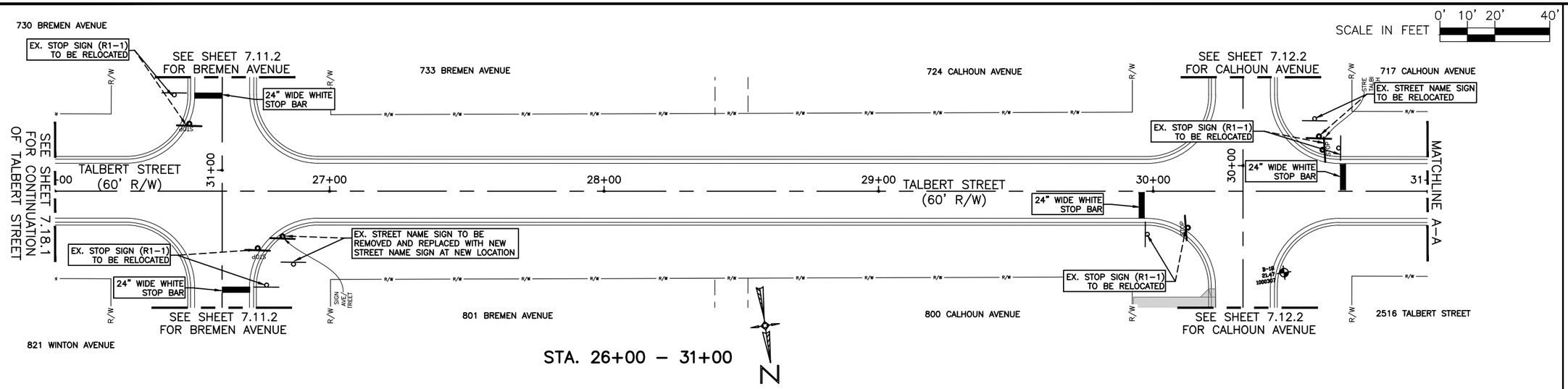
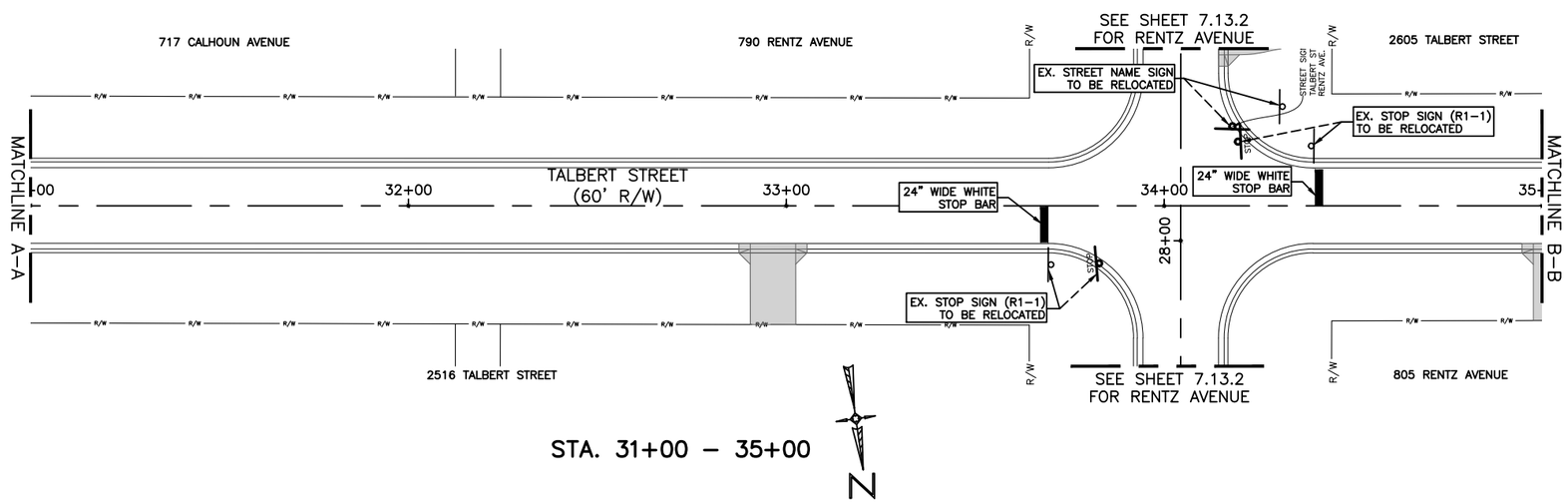
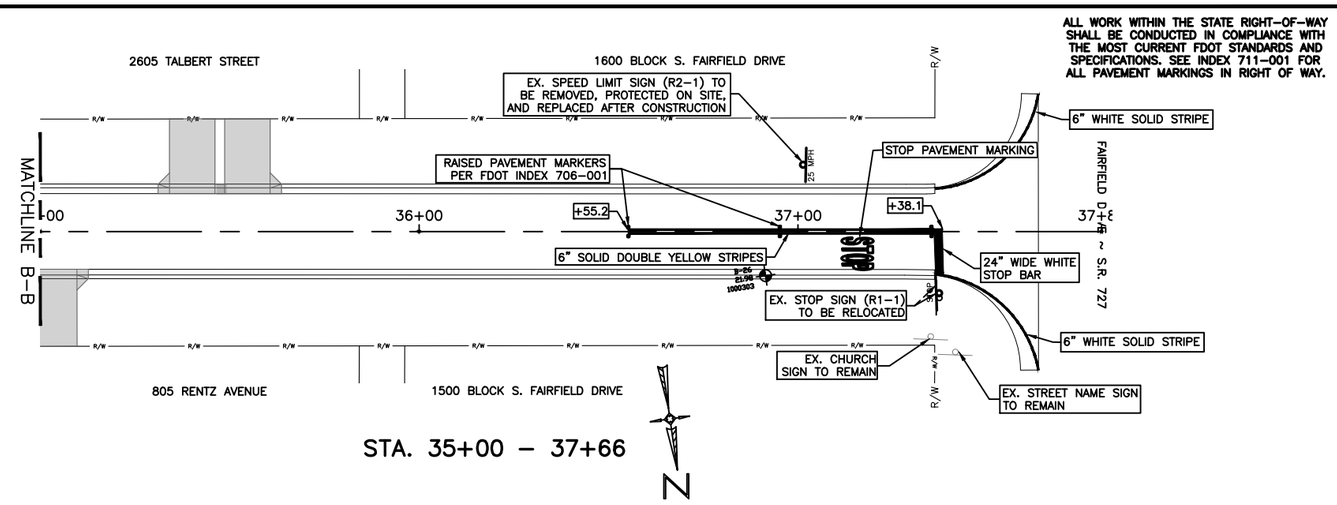
	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
	CHANGE INCORPORATION	(Yellow HighLighter)







UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
TALBERT STREET (60' R/W)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2022	PROJECT MANAGER: CHRIS A. CLER	DISTRICT: 2	SIGNATURE:
FIELD BOOK/ PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2S / 31W		

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	7.01
PROJECT NUMBER	PD11-12.030
SURVEY NUMBER	jhi-120016.S
SHEET	7.18.2

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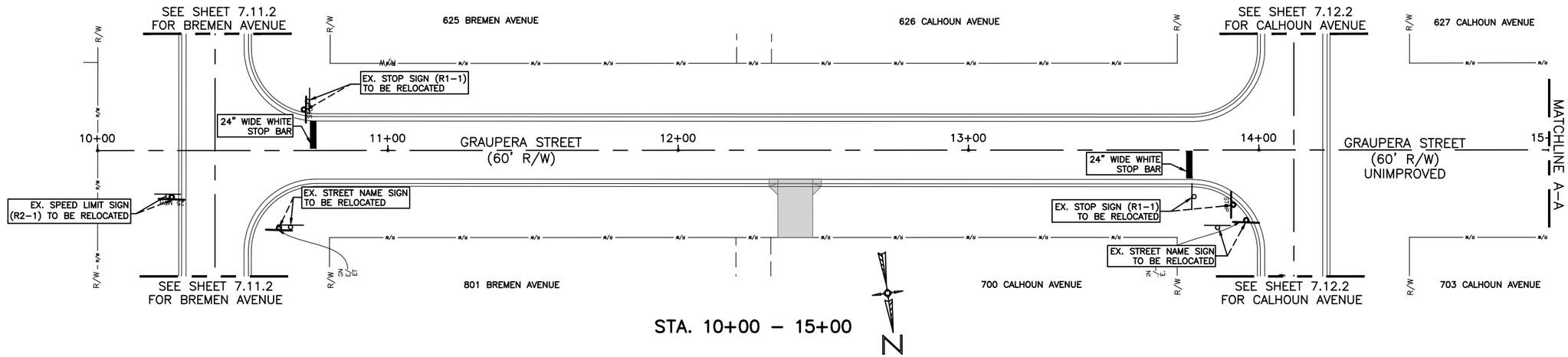
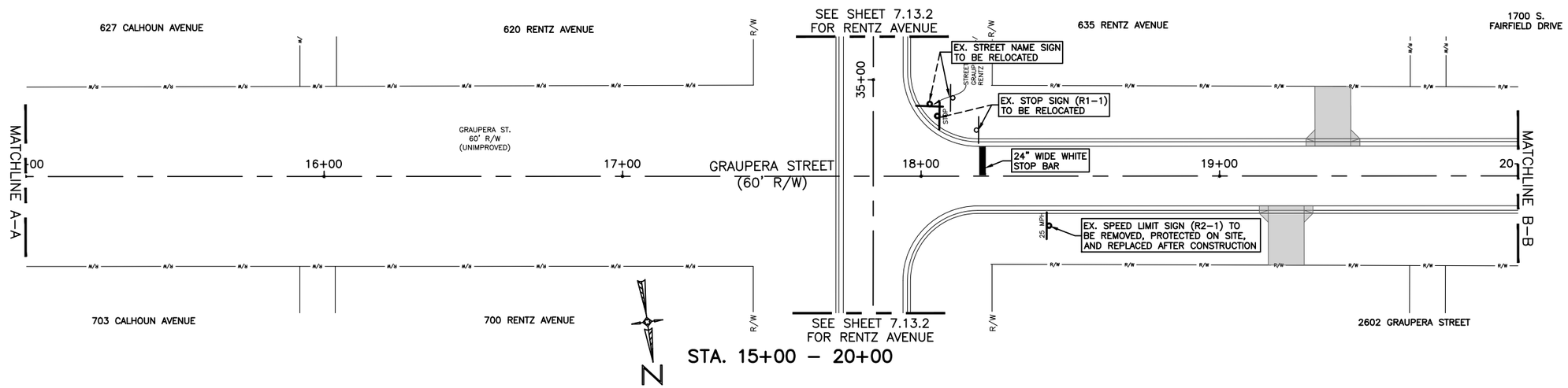
PHASE ____ REVIEW			
ORIGINATOR (RP)	DATE	VERIFICATION, CHECKER (GR)	DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	REMARK INCORPORATION (Blue Highlighter)	DATE
SIGNATURE:		ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE

ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
CHANGE INCORPORATION	(Yellow HighLighter)		

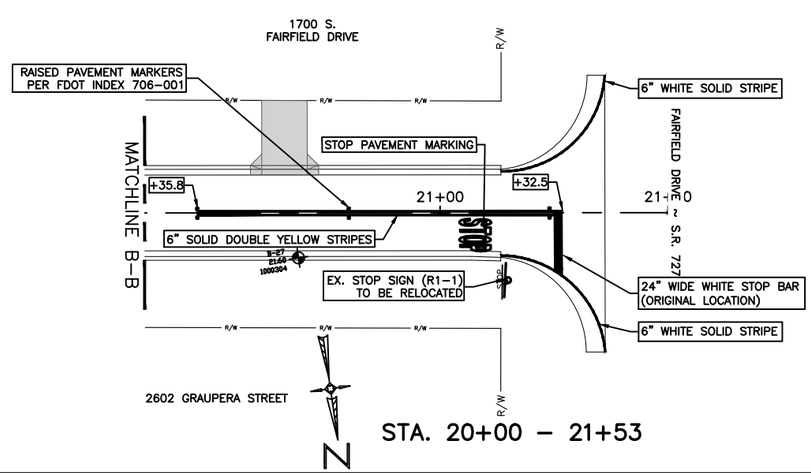
NOTE:
ALL EXISTING DRIVEWAYS ARE TO BE REMOVED TO THE RIGHT-OF-WAY UNLESS OTHERWISE NOTED.



STA. 10+00 – 15+00



STA. 15+00 – 20+00



STA. 20+00 – 21+53

ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL BE CONDUCTED IN COMPLIANCE WITH THE MOST CURRENT FDOT STANDARDS AND SPECIFICATIONS. SEE INDEX 711-001 FOR ALL PAVEMENT MARKINGS IN RIGHT OF WAY.

UTILITY RELOCATIONS
SIGNAGE AND STRIPING - PH II
GRAUPERA STREET (60' R/W)

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	CHECKED BY: GPH
DESIGNED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB
DISTRICT: 1-2	SIGNATURE:
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 7.01
PROJECT NUMBER PD11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 7.19.1

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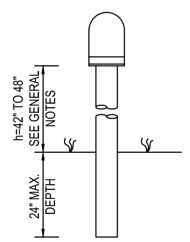
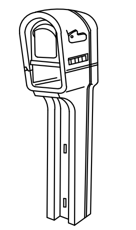
PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE	REMARK INCORPORATION	(Blue Highlighter)	DATE
			CHANGE INCORPORATION	(Yellow HighLighter)	DATE	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE



SINGLE 4"x4" WOOD POST FOR MAILBOXES

NOT TO SCALE F.D.O.T. INDEX 110-200

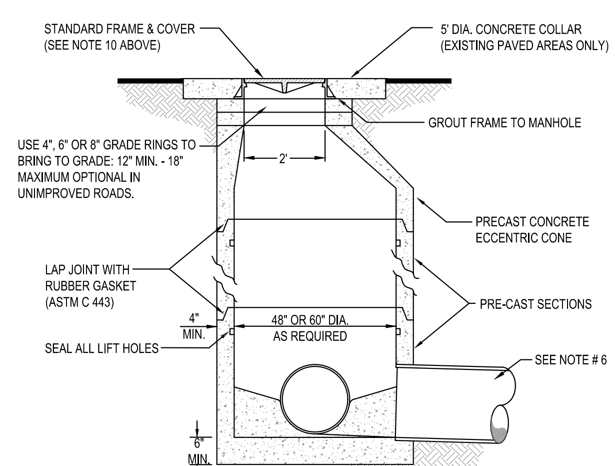


MAILMASTER PLUS MAILBOX
MODEL NO. 534000

MAILBOX INSTALLATION NOTES

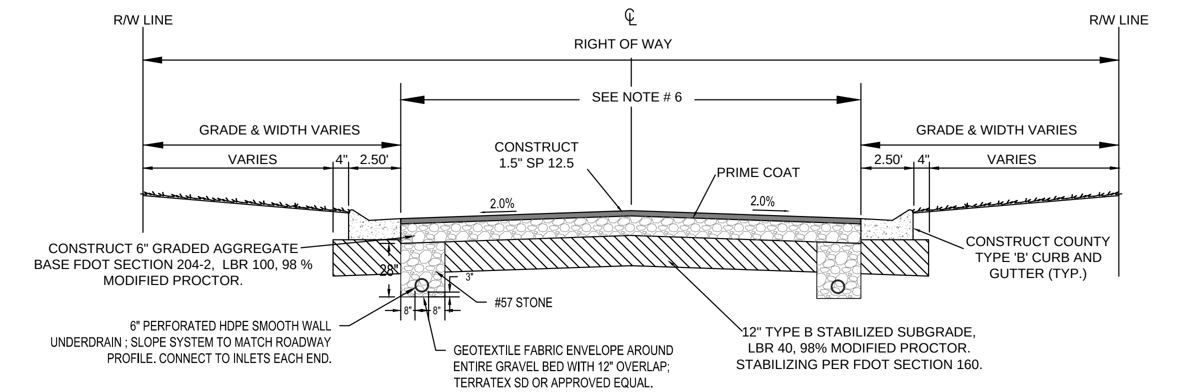
1. THE LOCATION AND CONSTRUCTION OF MAILBOXES SHALL CONFORM TO THE RULES AND REGULATIONS OF THE UNITED STATES POSTAL SERVICE AS MODIFIED BY THIS DESIGN STANDARD.
2. THE CONTRACTOR SHALL GIVE THE POSTMASTER OF THE DELIVERY ROUTE(S) WRITTEN NOTICE OF PROJECT CONSTRUCTION 7 DAYS PRIOR TO THE BEGINNING OF WORK, WITH SATURDAYS, SUNDAYS, AND HOLIDAYS EXCLUDED. THE CONTRACTOR SHALL FURNISH AND INSTALL ONE MAILBOX IN ACCORDANCE WITH THIS DESIGN STANDARD AT EACH MAIL PATRON DELIVERY LOCATION AND MAINTAIN THE BOX THROUGHOUT THE CONTRACT PERIOD. THE CONTRACTOR SHALL APPLY BOX NUMBERS TO EACH PATRON MAILBOX IN ACCORDANCE WITH IDENTIFICATION SPECIFICATIONS OF THE DOMESTICS MAIL MANUAL OF THE U.S. POSTAL SERVICE; WHERE LOCAL STREET NAMES AND HOUSE NUMBERS ARE AUTHORIZED BY THE POSTMASTER AS A POSTAL ADDRESS, THE CONTRACTOR SHALL INSCRIBE THE HOUSE NUMBER ON THE BOX; IF THE BOX IS LOCATED ON A DIFFERENT STREET FROM THE PATRONS RESIDENCE, THE CONTRACTOR SHALL INSCRIBE THE STREET NAME AND HOUSE NUMBER ON THE BOX. THE CONTRACTOR SHALL COORDINATE REMOVAL OF THE PATRONS EXISTING MAILBOXES. PATRONS SHALL HAVE THE OPTION OF REMOVING THEIR EXISTING MAILBOXES OR LEAVING THE MAILBOXES IN PLACE FOR REMOVAL BY THE CONTRACTOR; REMOVAL BY THE CONTRACTOR SHALL BE INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL DISPOSE OF MAILBOXES AND SUPPORTS. REUSE OF EXISTING NON-CONFORMING MAILBOXES BY THE CONTRACTOR WILL NOT BE ALLOWED.
3. MAILBOXES SHALL BE OF PLASTIC CONSTRUCTION, MAILMASTER PLUS MAILBOX, BLACK, MODEL NO. 534000, OR EQUAL AS APPROVED BY THE ENGINEER AND/OR ESCAMBIA COUNTY.
4. MAILBOXES SHALL BE LOCATED ON THE RIGHT-HAND SIDE OF THE ROADWAY IN THE DIRECTION OF THE DELIVERY ROUTE, EXCEPT ON ONE-WAY ROADS AND STREETS WHERE THEY MAY BE PLACED ON THE LEFT-HAND SIDE. MAILBOXES ON CURBED ROADS AND STREETS SHALL BE SET WITH THE FACE OF THE BOX BETWEEN 6" AND 12" BACK OF THE FACE OF CURB. IF THE SIDEWALK ABUTS THE CURB OR IF AN UNUSUAL CONDITION EXISTS WHICH MAKES IT DIFFICULT OR IMPRACTICAL TO INSTALL OR SERVE BOXES AT THE CURB, THE CONTRACTOR WITH CONCURRENCE OF THE LOCAL POSTAL AUTHORITY MAY BE PERMITTED TO INSTALL ALL MAILBOXES AT THE BACK EDGE OF THE SIDEWALK, WHERE THEY CAN BE SERVED BY THE CARRIER FROM THE SIDEWALK.
5. MAILBOXES SHALL BE SET WITH THE BOTTOM OF THE BOX BETWEEN 42" AND 48" ABOVE THE MAIL STOP SURFACE, UNLESS THE U.S. POSTAL SERVICE ESTABLISHES OTHER HEIGHT RESTRICTIONS.
6. NO MORE THAN TWO MAILBOXES MAY BE MOUNTED ON A SUPPORT STRUCTURE UNLESS THE SUPPORT STRUCTURE AND MAILBOX ARRANGEMENTS HAVE BEEN SHOWN TO BE SAFE BY CRASH TESTING IN ACCORDANCE WITH NCHRP REPORT 350 AND LISTED ON THE DEPARTMENT'S QUALIFIED PRODUCTS LIST (QPL).
7. THE MAILBOX UNIT SHALL INCLUDE NEWSPAPER RECEPTACLES MOUNTED BELOW THE MAILBOX IN CONFORMANCE WITH THE USPS DOMESTIC MAIL MANUAL.
8. WOOD SUPPORT POSTS FOR MAILBOX MOUNTINGS SHALL BE EMBEDDED NO MORE THAN 24" INTO THE GROUND. CONCRETE, BLOCK, BRICK, STONE OR OTHER RIGID FOUNDATION STRUCTURE OR ENCASEMENT, EITHER ABOVE OR BELOW THE SHOULDER GROUNDLINE, WILL NOT BE PERMITTED FOR MAILBOXES ON RURAL HIGHWAYS. ON URBAN ROADS AND STREETS WHERE MAILBOX SUPPORT POSTS ARE SET WITHIN RIGID PAVEMENT BACK OF CURB, THE SUPPORT POSTS SHALL BE SEPARATED FROM THE PAVEMENT BY A MINIMUM OF 1" OF EXPANSION MATERIAL. SUPPORT POSTS SHALL NOT BE FITTED NOR INSTALLED WITH SURFACE MOUNT BASE PLATES.
9. AT DRIVEWAY ENTRANCES MAILBOXES SHALL BE PLACED ON THE FAR SIDE OF THE DRIVEWAY IN THE DIRECTION OF THE DELIVERY ROUTE. AT INTERSECTING ROADS MAILBOXES SHALL BE LOCATED 100' OR MORE FROM THE CENTERLINE OF THE INTERSECTING ROAD ON THE FAR SIDE IN THE DIRECTION OF THE DELIVERY ROUTE.
10. WOOD SUPPORT POSTS SHALL BE IN CONFORMANCE WITH THE MATERIAL AND DIMENSIONAL REQUIREMENTS OF F.D.O.T. SECTION 952 AND THE TREATMENT REQUIREMENTS OF F.D.O.T. SECTION 955 OF THE STANDARD SPECIFICATIONS. MOUNTING BRACKETS, PLATES, PLATFORMS, SHELVES AND ACCESSORY HARDWARE SURFACE FINISHES ARE TO BE SUITED TO SUPPORT POST FINISH.
11. MAILBOXES SHALL BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR MAILBOXES, EACH. PAYMENT SHALL BE FULL COMPENSATION FOR BOXES, POSTS, AND ACCESSORY ITEMS ESSENTIAL FOR INSTALLATION IN ACCORDANCE WITH THIS STANDARD; ERECTION; ADJUSTMENTS TO SUIT CONSTRUCTION NEEDS; AND, FOR IDENTIFICATION LETTERS AND NUMBERS. PAYMENT SHALL BE LIMITED TO ONE MAILBOX PER PATRON ADDRESS. THE ABOVE COMPENSATION SHALL INCLUDE ANY WORK AND COST INCURRED BY THE CONTRACTOR FOR REMOVAL AND DISPOSAL OF EXISTING MAILBOXES.
12. MAILBOX LETTERING SHALL BE AT LEAST 1 INCH HIGH IN CONTRASTING COLOR ON THE SIDE OF THE BOX VISIBLE TO THE CARRIER'S REGULAR APPROACH. TAL SERVICE, SECTION 508, 3.0 CUSTOMER MAIL RECEPTACLES.

NOTES:
1. MANHOLE SHALL CONFORM TO A.S.T.M. C 478 SPECIFICATIONS.
2. DIAMETER OF OPENING FOR PIPE SHALL BE 1" LARGER DIAMETER THAN BELL OF THE PIPE BEING USED.
3. JOINTING COMPOUND SHALL BE RAM NECK, TYPE 1, ROPE FORM PLASTIC GASKET OR EQUAL.
4. ALL PATCHING TO BE DONE WITH HYDRAULIC CEMENT. NO MORTAR REPAIRS PERMITTED.
5. CONCRETE TO BE 3000 P.S.I., REINFORCING STEEL TO BE A.S.T.M. A 615 GRADE 60.
6. SEAL WITH A-LOK, KORE-N-SEAL OR LOCK-JOINT PER SPECIFICATIONS.
7. CAST IN PLACE MANHOLE MAY BE ALLOWED IN PRE-APPROVED LOCATIONS.
8. APPLY BITUMINOUS MASTIC COATING AT JOINTS OF SECTIONS.
9. ALL NEW TIE-INS SHALL BE CORE-DRILLED WITH RUBBER BOOT ADDED.
10. FRAME AND COVER SHALL BE U.S. FOUNDRY MODEL 170, TYPE 'E', WITH "STORM SEWER" CAST INTO COVER, (ASTM A 48, CLASS 30 CAST IRON) OR APPROVED EQUAL.



STANDARD STORM MANHOLE DETAIL

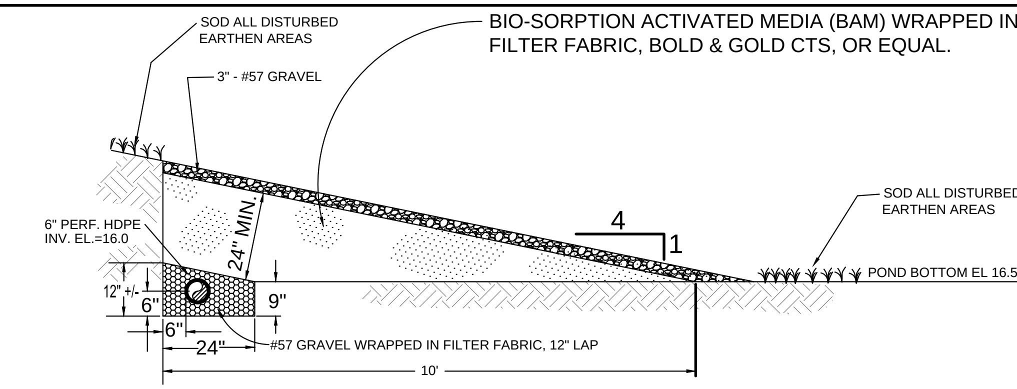
NOT TO SCALE



1. REMOVE EXISTING ASPHALT, BASE COURSE & SUBGRADE (AS NECESSARY)
2. CONSTRUCT MINIMUM 12" STABILIZED SUBGRADE
3. CONSTRUCT UNDERDRAIN SYSTEM EACH SIDE OF ROADWAY.
4. CONSTRUCT 6" GRADED AGGREGATE BASE MIN. LBR 100
5. CONSTRUCT 1.5" SP 12.5 ASPHALTIC CONCRETE
6. TYPICAL PAVING WIDTH SHALL BE 20.0' (10.0' LANES) FOR ALL ROADS WITH EXCEPTION OF ELIASBERG STREET WHICH SHALL BE 22.0' (11.0' LANES).
7. ALL DISTURBED AREAS ARE TO BE SOLID SODDED IN ACCORDANCE WITH COUNTY REQUIREMENTS (TYPICAL).

PROPOSED TYPICAL STREET SECTION

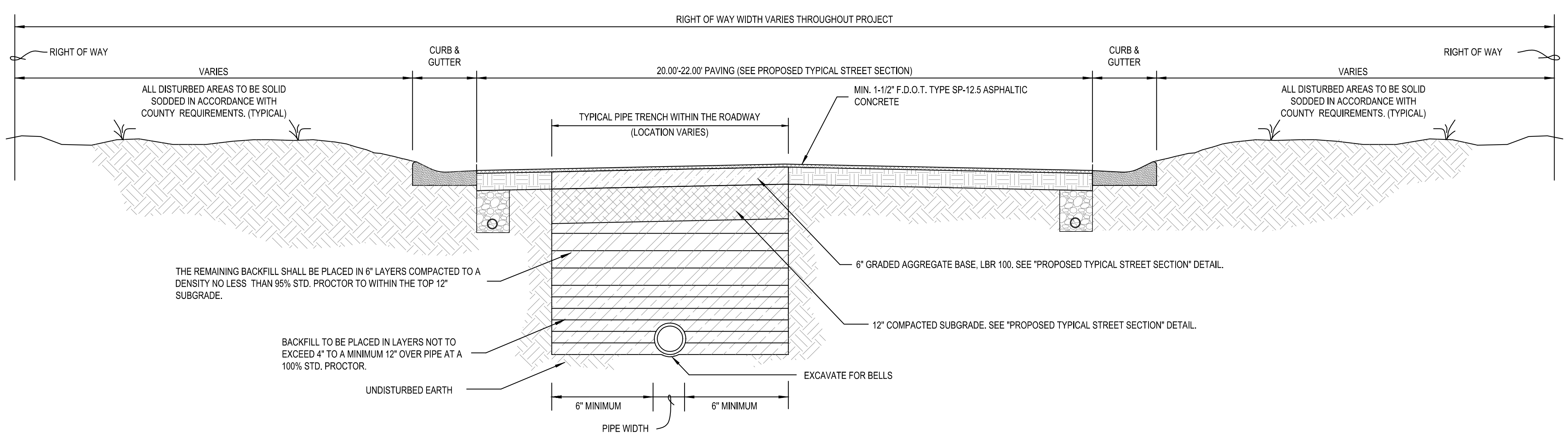
NOT TO SCALE



NOTE:
CONTRACTOR SHALL PROVIDE ANALYTICAL RESULTS TO THE ENGINEER FOR THE PURPOSE OF DEMONSTRATING COMPLIANCE TO CRITERIA PRIOR TO STARTING THIS PHASE OF CONSTRUCTION.

WEST POND
BIO-SORPTION ACTIVATED MEDIA (BAM)
UNDERDRAIN SECTION DETAIL

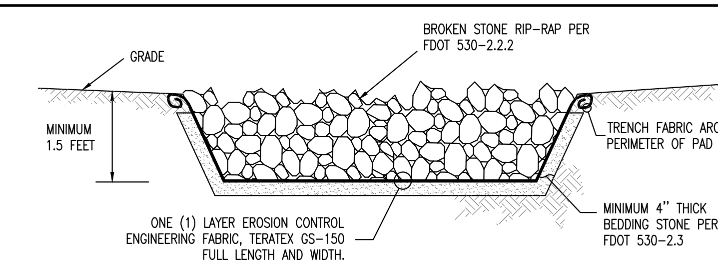
NOT TO SCALE



NOTES:
1. EACH LAYER OF BACKFILL UNDER ROADWAYS SHALL BE MECHANICALLY TAMPED.
2. DENSITY TESTS WILL BE REQUIRED ON EACH LAYER ALONG EACH ROAD AT 500 FT. INTERVALS.
3. GRADED AGGREGATE BASE MATERIALS SHALL MEET THE REQUIREMENTS OF CURRENT F.D.O.T. SPECIFICATIONS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ROADWAY ELEVATION AND GRADE VERIFICATION FOR RESTORATION.
5. FINAL ROADWAY CROSS SECTION SHALL HAVE A STANDARD 3" CROWN UNLESS DIRECTED OTHERWISE BY THE ENGINEER, OWNER OR ESCAMBIA COUNTY.
6. WHEN TYING NEW ROADWAY PAVING TO EXISTING PAVING, THERE SHALL BE A MINIMUM 10 FOOT TRANSITION SECTION TO MATCH THE EXISTING PAVING EDGE. ALL JOINTS SHALL BE SAW CUT AND A MINIMUM 2 FOOT FEATHERED LAP JOINT.
7. REFER TO "PROPOSED TYPICAL STREET SECTION" FOR ROADWAY BASE AND SUBGRAGE CONSTRUCTION.

TYPICAL PIPE TRENCH CUT AND BACKFILL UNDER ROADWAY

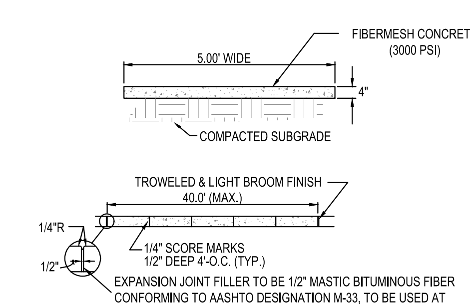
NOT TO SCALE



NOTES:
1. RIP-RAP PAD SHALL NOT BE BROKEN CONCRETE, BROKEN STONE SHALL BE ROUGHLY ANGULAR AND FREE FROM THIN OR ELONGATED PIECES.
2. TOP OF RIP-RAP SHALL BE FLUSH WITH FINISHED GRADES.

RIP-RAP PAD WITH FILTER FABRIC

NOT TO SCALE



TYPICAL STANDARD SIDEWALK

NOT TO SCALE

CONSTRUCTION DETAILS
SITE AND UTILITIES
DETAILS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	DATE:
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE 35 / 2S / 31W		SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY
1	ADDED UNDERDRAINS TO ROADWAY SECTION	6/30/21	

DRAWING NUMBER 8.01
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 8.01.1

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\8.01 Construction Details.dwg, May 25, 2023 - 11:31:56AM, gpotter

PHASE ___ REVIEW
SIGNATURE:

ORIGINATOR (RP) DATE	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen) DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter) DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	CHECKER (RP) (Red Pen X-Out to Disagree or Remark) DATE	REMARK INCORPORATION (Blue Highlighter) DATE
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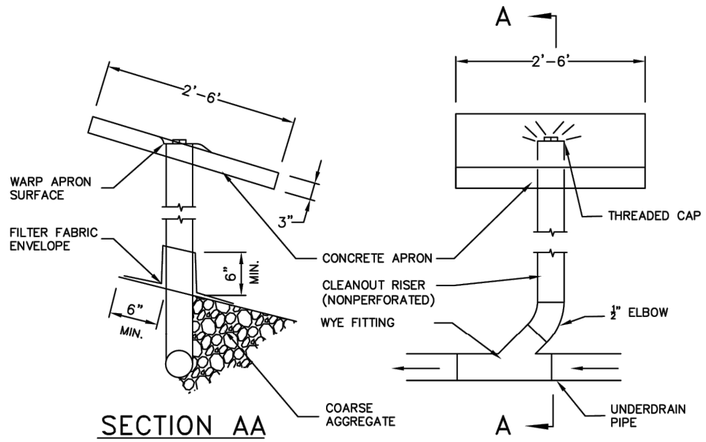


SECTION AA

NOTES:

1. TRENCH UNDERDRAIN SYSTEM IS INTENDED FOR MAXIMUM WATER REMOVAL CONDITIONS. FILTER FABRIC IS REQUIRED BETWEEN THE GRAVEL AND SURROUNDING EARTH.

2. UNDERDRAIN SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATIONS 440.

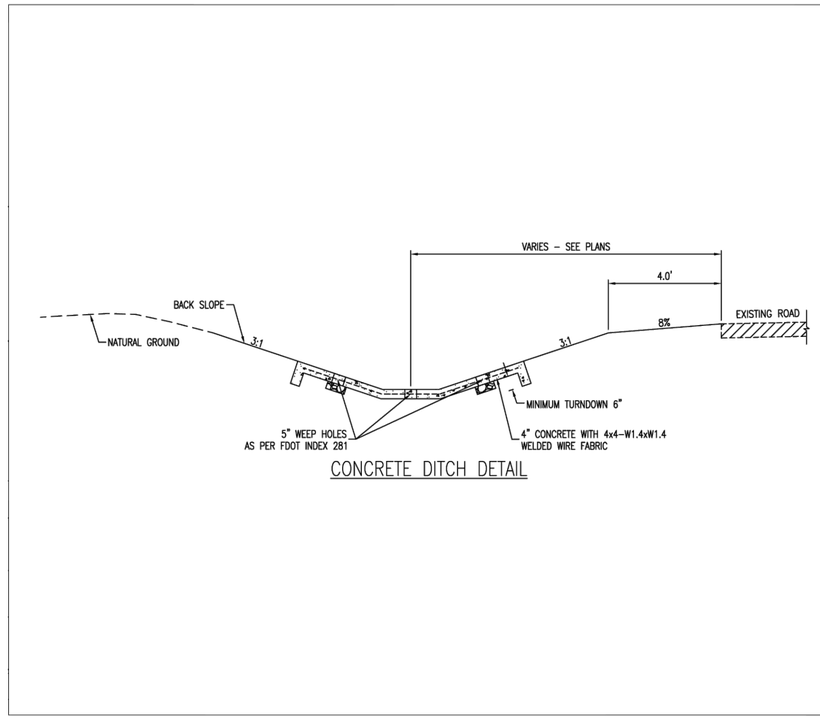
3. COURSE AGGREGATE SHALL BE GRAVEL OR STONE MEETING THE REQUIREMENTS OF FDOT SPECIFICATION 901-1 OR 901-3. THE GRADATION SHALL MEET FDOT SPECIFICATION 901, GRADES 4, 467, 5, 56 OR 57 STONE UNLESS OTHERWISE SHOWN RESTRICTED IN THE PLANS.

4. FILTER FABRIC SHALL BE TYPE D-3 (FDOT SPECIFICATIONS 985).

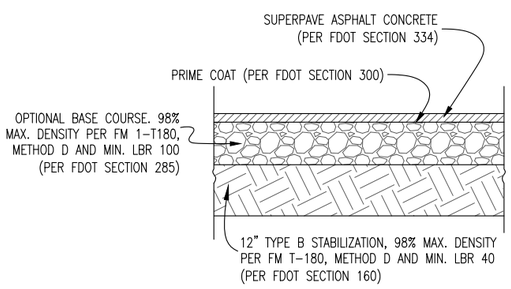
5. PAY ITEM SHALL BE BASED ON THE SIZE OF THE CORRUGATED INTERIOR PRODUCTS. THE CONTRACT UNIT PRICE FOR UNDERDRAIN, (LF), SHALL INCLUDE THE COST OF PIPE, FITTINGS, AGGREGATE, FILTER FABRIC, UNDERDRAIN CLEANOUTS, CONCRETE APRONS, AND ALL APPURTANCES NEEDED TO INSTALL THE UNDERDRAIN.

6. CONCRETE APRON TO BE MADE OF 4000PSI CONCRETE WITH WOVEN WIRE FABRIC.

UNDERDRAIN CLEANOUT DETAIL



CONCRETE DITCH DETAIL

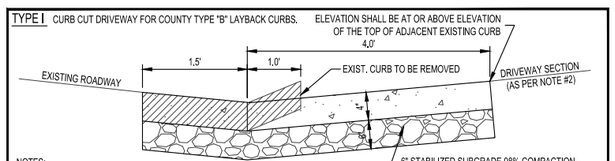


	THICKNESSES	
	STANDARD	FDOT
ASPHALT	1.5" SP-12.5	2" SP-12.5
BASE	OBG 3	OBG 1 (GAB ONLY)

ASPHALT PAVING SECTIONS

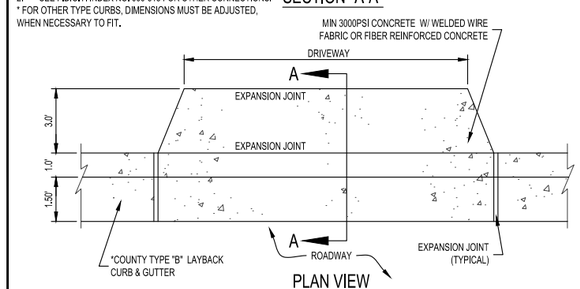
NOT TO SCALE

TYPE I CURB CUT DRIVEWAY FOR COUNTY TYPE "B" LAYBACK CURBS.



NOTES:
1. SEE STANDARD COUNTY CURB DETAILS FOR REFERENCE.
2. SEE F.D.O.T. INDEX NO. 000-515 FOR OTHER CONNECTIONS.
* FOR OTHER TYPE CURBS, DIMENSIONS MUST BE ADJUSTED, WHEN NECESSARY TO FIT.

SECTION "A-A"



PLAN VIEW

NOTES:
1. ALL MATERIALS AND LABOR FOR INSTALLATION WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER/CONTRACTOR.
2. RESIDENTIAL DRIVEWAYS ABUTTING PAVED ROADS SHALL BE 1 - 1½" ASPHALT WITH 6" STABILIZED SUB GRADE OR 4" CONCRETE WITH 6" STABILIZED SUB GRADE - 98% COMPACTION (MODIFIED PROCTOR) WITH LBR 40 BETWEEN EDGE OF ROADWAY AND R/W LINE. COMPACTION AND TESTING IF NECESSARY, THIS WILL BE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR.
3. DRIVEWAYS ABUTTING A DIRT ROAD SHALL BE MILLED ASPHALT, GRADED AGGREGATE BASE, OR WASHED CONCRETE (4" IN DEPTH) ON THE COUNTY MAINTAINED PORTION OF DRIVEWAY.
4. IF NECESSARY, REFER TO FDOT INDEX DETAILS AS REFERENCED BELOW.
5. RADIUS OR FLARE IS REQUIRED FOR TYPE II OR TYPE III CONNECTIONS, SEE DETAIL.
6. PARKING SPACES WITHIN COUNTY RIGHT-OF-WAY SHALL PROVIDE A MINIMUM OF 2 PARKING SPACES.
7. TYPICAL DRIVEWAY SECTIONS ARE TO BE 12' WIDE MINIMUM. (SEE NOTE #2 FOR PAVEMENT TYPES AND DEPTHS)
8. DRIVEWAY SLOPE SHALL NOT CREATE OR EXACERBATE VEHICULAR SCRAPING. ATTEMPTS SHALL BE MADE TO CORRECT THIS TYPE OF PROBLEM.
9. FOR COUNTY IMPROVEMENT PROJECTS, REPLACEMENT DRIVEWAYS SHALL MATCH EXISTING WIDTHS AT ROADWAY EDGE OF TRAVEL WITHOUT COMPROMISING SAFETY.

TYPE IV SPECIAL INNOVIATIVE DRIVEWAY CONNECTION AS DESIGNED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER (P.E.) OR LICENSED CONTRACTOR APPROVED BY THE APPROPRIATE PUBLIC WORKS / DEVELOPMENT REVIEW STAFF AND REQUIRES A DETAILED PLAN SUBMITTAL FOR REVIEW PRIOR TO ISSUANCE OF PERMIT.

TYPE IV-A REQUIRES A F.D.O.T. CONNECITION PERMIT (PROVIDE APPROVED F.D.O.T. PERMIT TO OBTAIN COUNTY APPROVAL). REFER TO INDEX NO. 000-515 AND CONTACT F.D.O.T. AT (850) 981-3000. MAY REQUIRE PLANS PREPARED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER (P.E.).

TYPE I DRIVEWAY CONNECTION STANDARDS

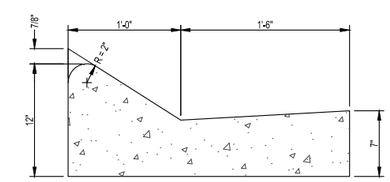
NOT TO SCALE

NO.	DATE	REVISED BY
1	06/27/18	D. MCVEY

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA, CENTRAL OFFICE COMPLEX
3363 WEST PARK PLACE
PENSACOLA, FLORIDA 32505

DRAWN BY:	REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
D. MCVEY	T.J. WILLIAMS	T.J. WILLIAMS	J. JONES, P.E.
DATE: 05/25/18	DATE: 05/25/18	DATE: 05/25/18	DATE: 05/25/18

COUNTY DETAILS
ROADWAY CONSTRUCTION
TYPE I DRIVEWAY CONNECTION STANDARDS



NOTES:
1. ALL CURB TO HAVE CONTROL JOINT AT 10' ON CENTER. MIN.IMUM DEPTH OF JOINT TO BE 2".
2. EXPANSION JOINTS ARE TO BE 60' ON CENTER, TYPICAL FOR ALL CURB.
3. CONCRETE TO BE 3000 PSI.

TYPE "B" CURB & GUTTER FOR CURB MACHINE

NOT TO SCALE

NO.	DATE	REVISED BY
XX	XX/XX/XX	XXXXXX

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA, CENTRAL OFFICE COMPLEX
3363 WEST PARK PLACE
PENSACOLA, FLORIDA 32505

DRAWN BY:	REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
D. MCVEY	T.J. WILLIAMS	T.J. WILLIAMS	J. JONES, P.E.
DATE: 05/25/18	DATE: 05/25/18	DATE: 05/25/18	DATE: 05/25/18

COUNTY DETAILS
ROADWAY CONSTRUCTION
TYPE "B" CURB & GUTTER FOR CURB MACHINE

CONC. DITCH DETAIL
PLAN AND DETAIL SHEET

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
CENTRAL OFFICE COMPLEX, 3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

PROJECT NUMBER	DESIGNED BY	REG. ELA. ENG. NO.	DATE:
ENG	GPH	43970	
SURVEY NUMBER	DRAWN BY: T.J. WILLIAMS	CHECKED BY:	APPROVED BY:
.	DATE: 6.28.2016		
SHEET 1 OF 1	FIELD BOOK/ PAGES: N/A	SCALE: NONE/REF. BASE N/A	

CONSTRUCTION DETAILS
ESCAMBIA COUNTY DETAILS
DETAILS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY:	DESIGNED BY:	CHECKED BY:	REG. ELA. ENG. NO.	DATE:
GPH/TJH	GPH	GPH	43970	
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:	
FIELD BOOK/ PAGES: TC30 / 1-35		SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W		

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER ----
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 8.01.2

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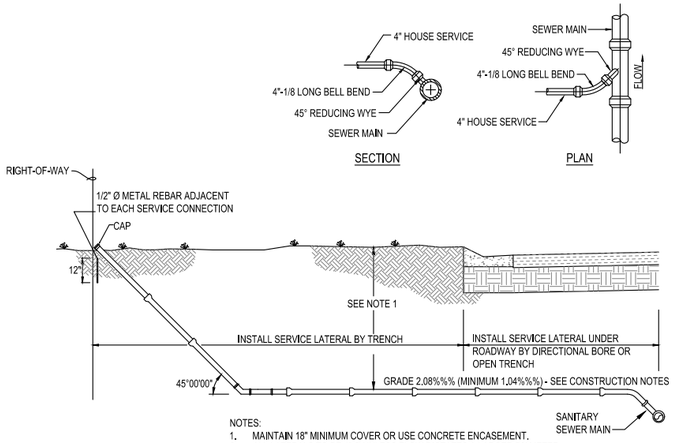
PHASE ____ REVIEW	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	CHECKER (DR)	CHANGE INCORPORATION
SIGNATURE:				

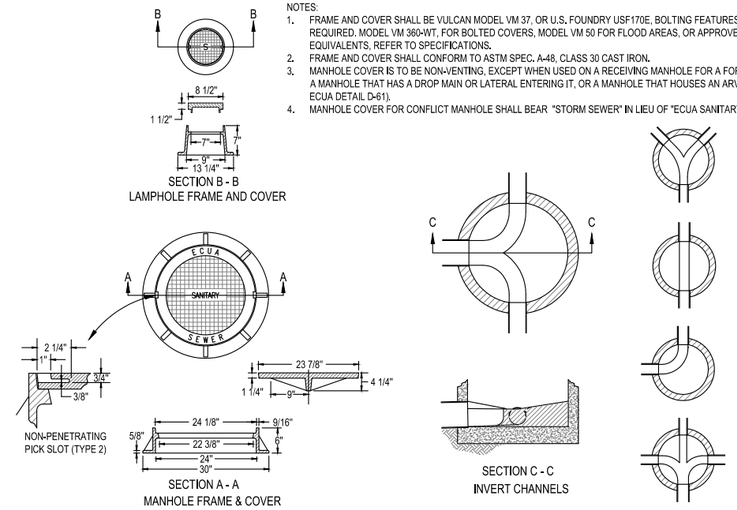
VERIFICATION, CHECKER (DR)	(Blue Highlighter)	Correct (Green Highlighter) Change (Red Pen)	DATE
REMARK INCORPORATION	(Blue Highlighter)	Correct (Red Pen X-Out to Disagree or Remark)	DATE
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	(Yellow Highlighter)	DATE



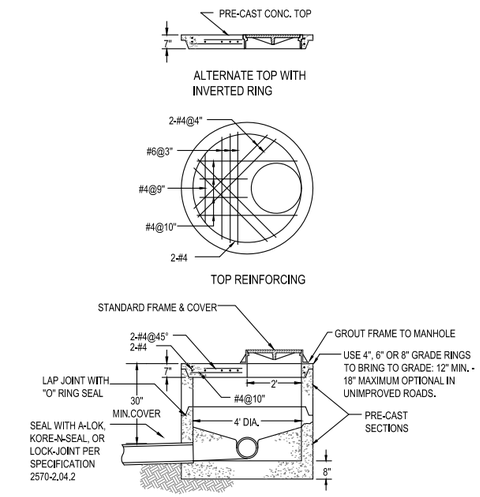
NOTES:
1. MAINTAIN 18" MINIMUM COVER OR USE CONCRETE ENCASEMENT.
2. ALL LATERALS TO BE 4" Ø UNLESS FLOW DICTATES A LARGER DIAMETER.
3. A USABLE GRAVITY LATERAL SHALL BE AVAILABLE TO EACH LOT UNLESS OTHERWISE INDICATED ON CONSTRUCTION PLANS.
4. ALL LATERAL FITTINGS TO BE GLUE TYPE.

TYPICAL SEWER LATERAL CONNECTION
NOT TO SCALE

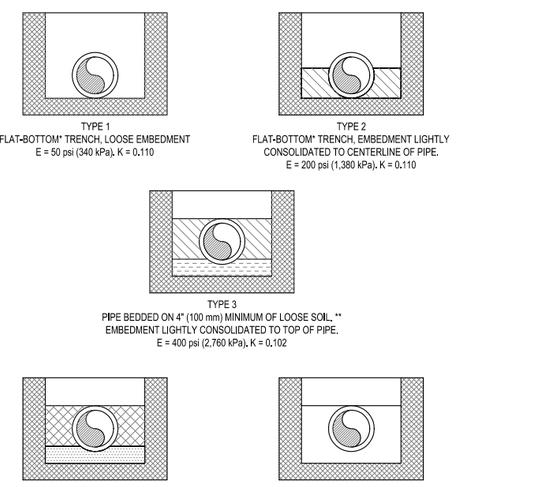
NOTES:
1. FRAME AND COVER SHALL BE VULCAN MODEL VM 37, OR U.S. FOUNDRY USF170E, BOLTING FEATURES NOT REQUIRED. MODEL VM 360-WT, FOR BOLTED COVERS, MODEL VM 50 FOR FLOOD AREAS, OR APPROVED EQUIVALENTS, REFER TO SPECIFICATIONS.
2. FRAME AND COVER SHALL CONFORM TO ASTM SPEC. A-48, CLASS 30 CAST IRON.
3. MANHOLE COVER IS TO BE NON-VENTING, EXCEPT WHEN USED ON A RECEIVING MANHOLE FOR A FORCE MAIN, A MANHOLE THAT HAS A DROP MAIN OR LATERAL ENTERING IT, OR A MANHOLE THAT HOUSES AN ARV (SEE ECUA DETAIL D-61).
4. MANHOLE COVER FOR CONFLICT MANHOLE SHALL BEAR "STORM SEWER" IN LIEU OF "ECUA SANITARY SEWER"



TYPICAL MANHOLE DETAILS, D-4
NOT TO SCALE



SHALLOW MANHOLE DETAIL, D-2
NOT TO SCALE



NOTE: REQUIRED EMBEDMENT TYPE WILL DEPEND ON THE PIPE'S DIMENSION RATIO, INTERNAL OPERATING PRESSURE, AND EXTERNAL LOAD, AND SHALL BE SPECIFIED BY THE PURCHASER.(SEE SEC. 5.3)

* "FLAT-BOTTOM" IS DEFINED AS UNDISTURBED EARTH.

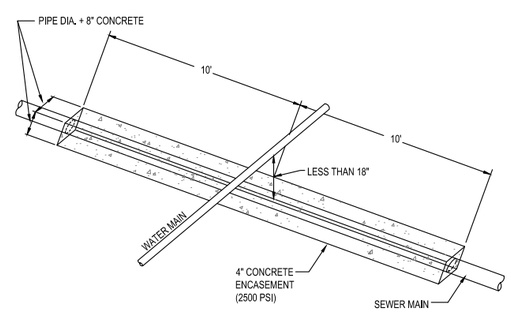
** "LOOSE SOIL" OR "SELECT MATERIAL" IS DEFINED AS NATIVE SOIL EXCAVATED FROM THE TRENCH, FREE OF ROCKS FOREIGN MATERIAL, AND FROZEN EARTH. A SOFT "LOOSE SOIL" BEDDING WILL CONTOUR TO THE PIPE BOTTOM, CAUTION MUST BE EXERCISED TO ENSURE PROPER PLACEMENT OF EMBEDMENT MATERIAL UNDER THE HAUNCHES OF THE PIPE.

From AWWA C.605
UNDERGROUND INSTALLATION OF PVC PIPE

PIPE ENVELOPE REQUIREMENTS, D-10
NOT TO SCALE

SANITARY SEWER LINES (GRAVITY OR PRESSURE) SHALL HAVE 18" OR GREATER VERTICAL CLEARANCE BELOW ANY POTABLE WATER LINE WHEN CROSSING. A MINIMUM OF 6" VERTICAL CLEARANCE IS REQUIRED FOR OTHER UTILITIES. HORIZONTAL CLEARANCE BETWEEN SANITARY SEWER LINE THAT IS PARALLEL TO AND LESS THAN 18" BELOW A POTABLE WATER LINE SHALL BE 6' OR GREATER. A MINIMUM OF 30" IS REQUIRED FOR OTHER UTILITIES.

IF THIS IS NOT POSSIBLE OR PRACTICAL, SEE NOTES BELOW.



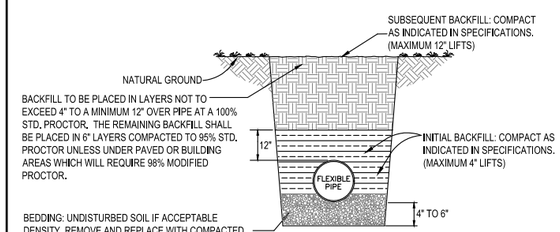
FOR CROSSING: ENCASE AS ABOVE SO THAT THE ENDS OF ENCASEMENT ARE AT LEAST 12' FROM ANY WATER LINE JOINT. WATER LINE JOINT MUST NOT BE CLOSER THAN 5' TO THE POINT OF CROSSING, OR IT MUST ALSO BE ENCASED.

ALTERNATE 1: USE EQUALLY (OR HIGHER) RATED PRESSURE PIPE FOR SEWER WITH NO JOINTS CLOSER THAN 12' APART AND 6" VERTICAL.

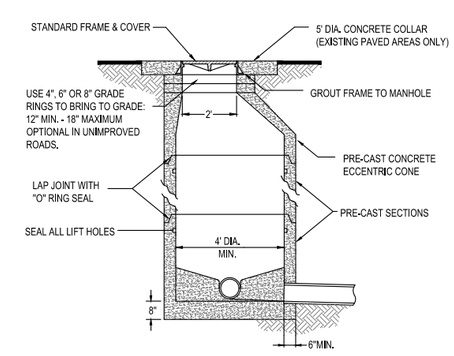
ALTERNATE 2: PLACE SEWER LINE INTO STEEL CASING AND CENTER 20' PIECE WITH 4" VERTICAL CLEARANCE AND SEAL ENDS.

FOR PARALLEL: AND 6' TO 10' APART USE ALTERNATE 2, BUT IF MORE THAN 40' IN LENGTH, ALTERNATE 1 MUST BE USED AND JOINTS ARE TO BE STAGGERED. IF LINES MUST BE 3' TO 6' APART, ALTERNATE 1 MUST BE USED WITH A HIGHER RATED PRESSURE PIPE FOR SEWER (i.e., WATER LINE IS DR25 THEN USE DR18 OR 21 FOR SEWER).

SEWER / WATER
SEPARATION & CLEARANCES, D-56
NOT TO SCALE



FLEXIBLE PIPE BEDDING
NOT TO SCALE



NOTE:
SEE SECTION 2570 FOR COMPLETE SPECIFICATIONS

STANDARD MANHOLE DETAIL, D-1
NOT TO SCALE

CONSTRUCTION DETAILS
SANITARY SEWER
DETAILS

ESCAMBIA COUNTY, FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. ELA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CERB	DISTRICT: 2	SIGNATURE:
FIELD BOOK/PAGES: TC30 / 1-35	SECTION/TOWNSHIP/RANGE: 35 / 2S / 31W		DATE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 8.01
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 8.01.3

VERIFICATION, CHECKER (OR) (Blue Highlighter)	DATE		
REMARK INCORPORATION (Blue Highlighter)	DATE		
ORIGINATOR VERIFICATION Correct (Pink Highlighter)	DATE		
ORIGINATOR (RP) Correct (Green Highlighter) Change (Red Pen)	DATE		
CHECKER (RP) (Red Pen X-Out to Disagree or Remark)			
CHANGE INCORPORATION (Yellow Highlighter)			
ORIGINATOR (RP)	DATE		
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)			

PHASE ____ REVIEW
SIGNATURE:

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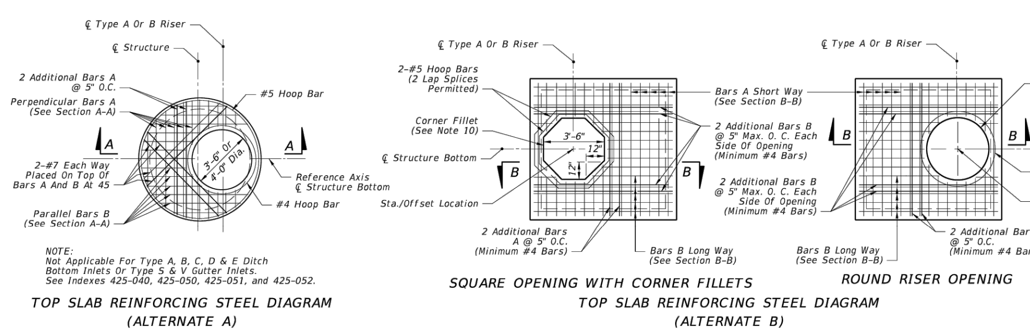
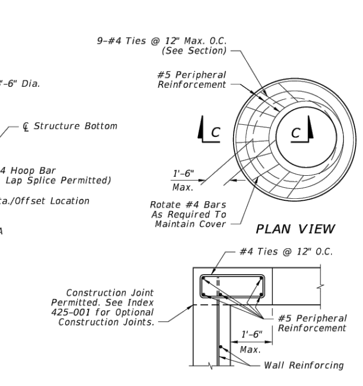


TOP SLAB REINFORCING STEEL DIAGRAM (ALTERNATE A)

SQUARE OPENING WITH CORNER FILLETS — ROUND RISER OPENING

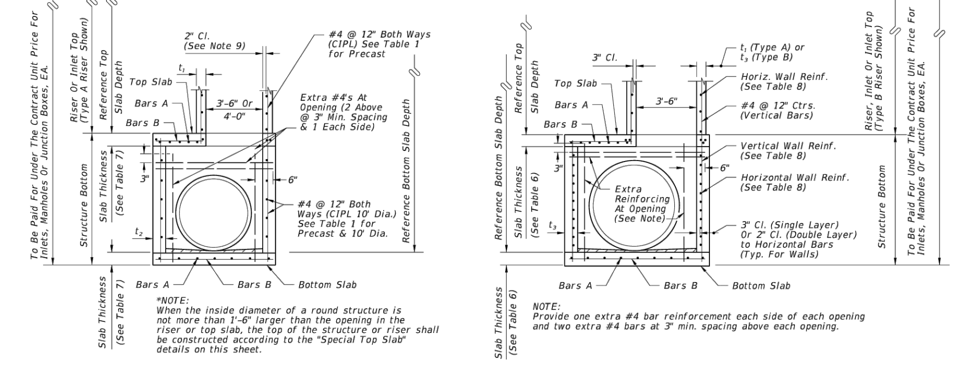
TOP SLAB REINFORCING STEEL DIAGRAM (ALTERNATE B)



PLAN VIEW

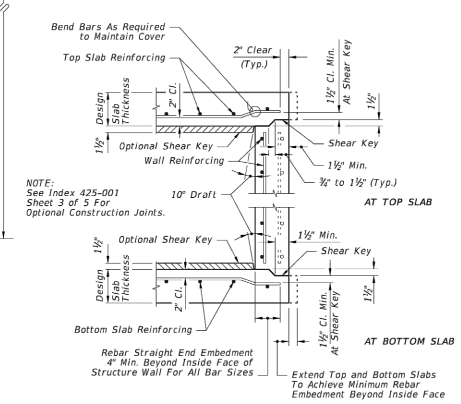
SECTION C-C

SPECIAL TOP SLAB*



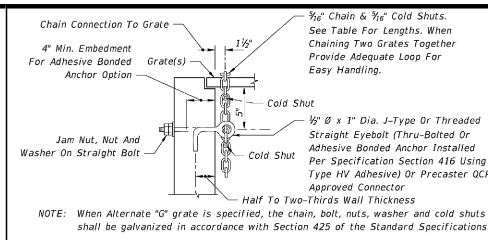
SECTION A-A (ALTERNATE A)

SECTION B-B (ALTERNATE B)



TYPICAL SLAB TO WALL DETAILS FOR PRECAST STRUCTURES

LAST REVISION	DESCRIPTION:			INDEX	SHEET
11/01/17		FDOT FY 2019-20 STANDARD PLANS	STRUCTURE BOTTOMS TYPE J AND P	425-010	1 of 5



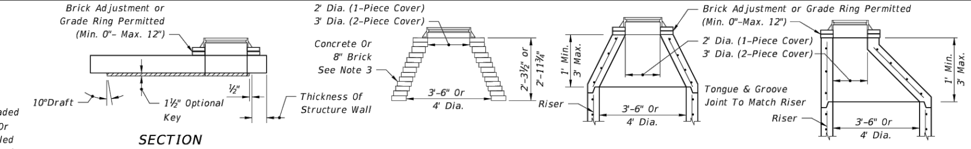
NOTE: When Alternate "G" grate is specified, the chain, bolt, nuts, washer and cold shuts shall be galvanized in accordance with Section 425 of the Standard Specifications.

Cost of eyebolt and chain to be included in the contract unit price for inlets.

EYEBOLT AND CHAIN REQUIREMENTS

Index Number	Inlet Type	Eye-Bolts	Length Of Chain	Handling & Remarks
425-030	1	1	4'-0"	Slide & Spin
	2	1	4'-0"	Slide & Spin
	3	2	2 @ 4'-0"	Slide & Spin
	4	2	2 @ 4'-0"	Slide & Spin
	5	2	2 @ 4'-0"	Slide & Spin
425-031	N/A	1	3'-8"	Slide Or Slide & Spin
425-032	N/A	1	4'-0"	Slide & Spin
425-040	S	1	4'-0"	Slide & Spin
425-041	V	1	4'-0"	Slide & Spin
425-050	A	1	3'-0"	Slide
425-051	B	1	5'-0"	Slide & Spin
425-052	C	1	2'-6"	Slide & Spin
	D	1	2'-6"	Slide & Spin
	E	2	2 @ 2'-6"	Slide & Spin
	H	2	2 @ 2'-6"	Flip Ctr. Grate and Slide & Spin Single Free Grate
			1 or 2 @ 1'-6"	Center Grate(s) Chained To One End Grate
425-053	F	1	3'-6"	Flip Or Slide & Spin
	G	1	6'-0"	Slide
			2'-0"	Lifting Loop
425-054	J	1	4'-0"	Slide & Spin

EYEBOLT AND CHAIN FOR LOCKING GRATES TO INLETS



SECTION

Note: See Slab Designs Index 425-010.

TYPE 7

BRICK OR CONCRETE PRECAST CONCENTRIC CONE — PRECAST ECCENTRIC CONE

TYPE 8

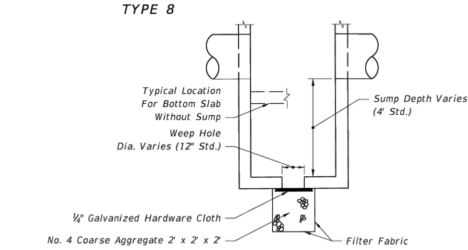
MANHOLE TOPS

NOTES (TOPS)

1. Manhole top Type 7 slabs shall be of Class II concrete. Concrete as specified in ASTM C478 may be used for precast units; see General Note 3.
2. Manhole top Type 7 slabs may be of cast-in-place or precast construction. The optional key is for precast tops and in lieu of dowels. Frame and slab openings are to be omitted when top is used over a junction box.
3. Manhole top Type 8 may be of cast-in-place or precast concrete construction or brick construction. For concrete construction, the concrete and steel reinforcement shall be the same as the supporting wall unit. An eccentric cone may be used.
4. Manhole tops shall be secured to structures by optional construction joints as shown on Sheet 3.
5. Frames can be adjusted a maximum 12" height with brick or precast ASTM C478 grade rings.
6. Substitution of manhole top Type 8 for manhole top Type 7 is allowed provided that minimum dimensions shown above are not reduced.
7. Substitution of Manhole top Type 7 for Type 8 is allowed if the minimum thickness (h) above pipe opening cannot be maintained with manhole top Type 8.

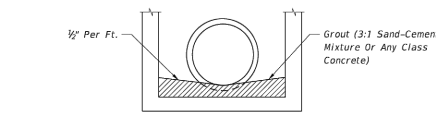
DESIGN NOTES

1. Manhole top Type 8 should be specified in the plans when depths shown above can be maintained.



NOTE: Sump bottom appropriate for all manhole and inlet types. Sumps are to be constructed in inlet and manholes connected to French Drains unless excluded in the plans. At other locations, sump is to be constructed only where called for in the plans. Weep holes to be constructed in sump bottom only where called for in the plans. Cost of sump bottom and weep hole to be included in the contract unit price for inlet or manhole.

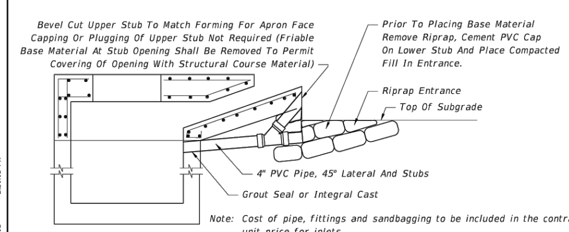
SUMP BOTTOM



FOR ALL STRUCTURES UNLESS EXCLUDED BY SPECIAL DETAIL

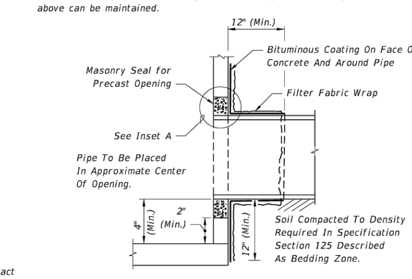
ALL PIPE TYPES

DRAINAGE STRUCTURE INVERT

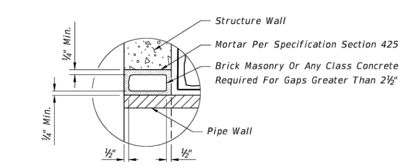


Note: Cost of pipe, fittings and sandbagging to be included in the contract unit price for inlets.

TEMPORARY DRAINS FOR SUBGRADE AND BASE

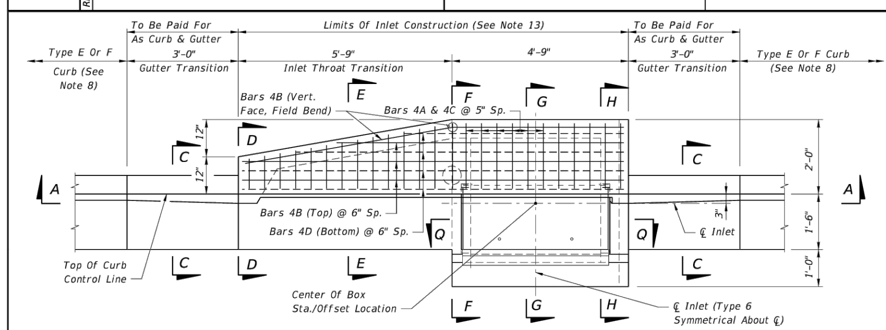


FILTER FABRIC WRAP ON GROUTED PIPE TO STRUCTURE JOINT

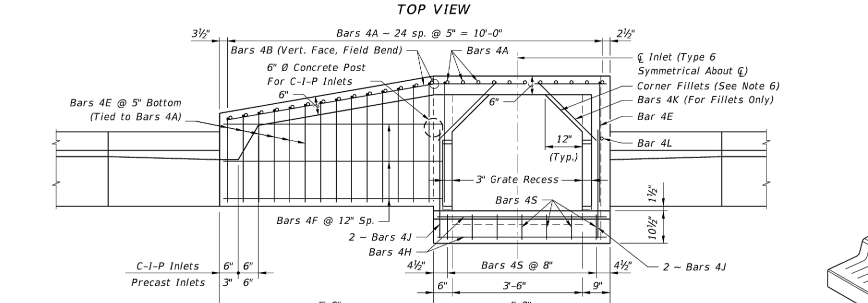


INSET A

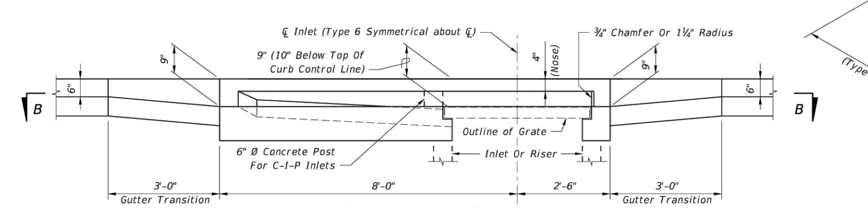
LAST REVISION	DESCRIPTION:			INDEX	SHEET
11/01/17		FDOT FY 2019-20 STANDARD PLANS	SUPPLEMENTARY DETAILS FOR MANHOLES AND INLETS	425-001	2 of 5



TOP VIEW



SECTION BB

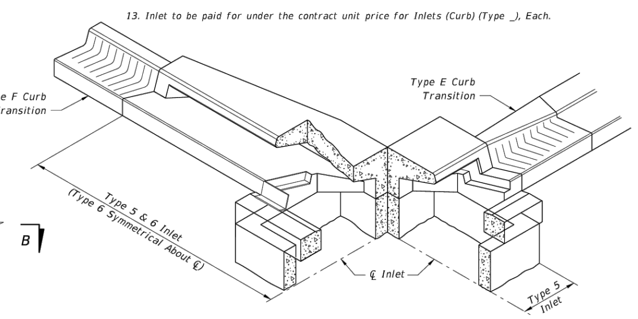


SECTION AA (At ℄ Inlet)

INLET TYPE 5 (Curb Inlet Type 6 Symmetrical With Left Half)

GENERAL NOTES

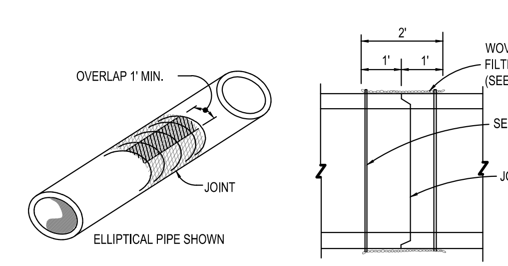
1. The finished grade and slope of the inlet tops are to conform with the finished cross slope and grade of the proposed sidewalk and/or border.
2. For inlets constructed on a curve, refer to the plans to determine the radius, and modify the inlet details accordingly. Bend steel when necessary.
3. All reinforcing steel to be Grade 60 bars with 1¼" minimum cover unless otherwise shown, see Sheet 4 for equivalent area Welded Wire Reinforcement details.
4. Inlet tops shall be either cast-in-place or precast concrete. Precast units shall conform to the dimensions shown or in accordance with approved shop drawing's. Request for shop drawing approval shall be directed to the State Drainage Engineer.
5. Concrete meeting the requirements of ASTM C478 (4,000 psi) may be used in lieu of Class II concrete for precast units, manufactured in plants which meet the requirements of Section 449 of the Specifications.
6. Corner fillets are required at inlet opening for precast units or C-I-P units used in conjunction with circular inlet bottoms or skewed rectangular inlet boxes. Finish top of fillets flush with drain throat bottom and match slope.
7. For inlet bottoms see Index 425-010. Inlet tops are to be used with Type P bottoms, or Type J bottoms with 3'-6" square (Type B), 3'-6" or 4' round (Type A) risers or top slab openings.
8. These inlet tops are designed for use with standard curb and gutter Type E and Type F. Locate inlet outside of pedestrian crosswalks. For Type E curb, transition the shape of the curb over the gutter transition length to match the face of the inlet (Type F).
9. See Index 425-001 for supplemental details.
10. All steel used for frame and grate shall meet the requirements of ASTM A36/A36M.
11. Either cast iron grates or steel grates may be used.
12. When Alternate "G" grate is specified in the plans either the cast iron grate and galvanized steel frame or the the galvanized steel grate and frame must be used. Grates are to be grouted in accordance with the grouting detail shown on Sheet 5, in lieu of tack welding.
13. Inlet to be paid for under the contract unit price for Inlets (Curb) (Type _), Each.



SKETCH SHOWING FRAME SEAT AND THROAT RECESS

LAST REVISION	DESCRIPTION:			INDEX	SHEET
11/01/17		FDOT FY 2019-20 STANDARD PLANS	CURB INLET TOPS TYPES 5 AND 6	425-021	1 of 5

NOTE: REFER TO F.D.O.T. DESIGN STANDARDS INDEX NUMBERS FOR ADDITIONAL RELATED DETAILS AND DATA

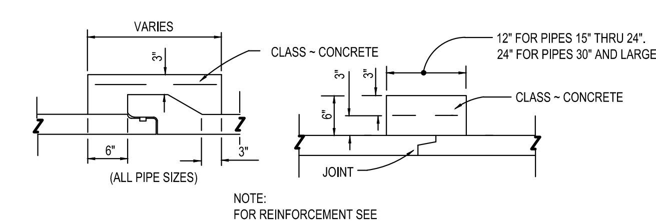


ISOMETRIC VIEW — PIPE SECTION

NOTE:
COST OF FILTER FABRIC JACKET TO BE INCLUDED IN COST OF PIPE CULVERTS.

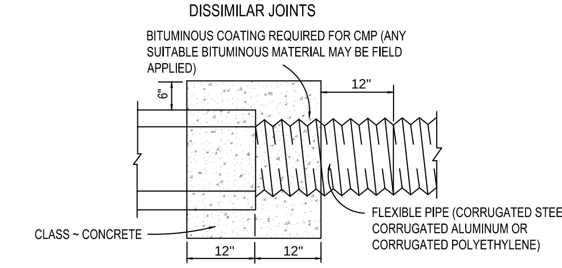
FOR ALL PIPE - CONCRETE PIPE SHOWN

FILTER FABRIC JACKET
F.D.O.T. INDEX No. 430-001
NOT TO SCALE



BELL AND SPIGOT — TONGUE & GROOVE

DISSIMILAR JOINTS



NOTE:
COST OF CONCRETE AND BITUMINOUS COATING TO BE INCLUDED IN CONTRACT UNIT PRICE FOR EITHER NEW PIPE OR MITERED END SECTION. A CONCRETE JACKET SHALL NOT BE USED TO JOIN:
(a) METAL PIPE OF DISSIMILAR MATERIALS
(b) FLEXIBLE PIPE WHEN THE MINIMUM COVER REQUIRED IN ACCORDANCE WITH INDEX No. 205 CANNOT BE OBTAINED.

DISSIMILAR TYPES

CONCRETE JACKET FOR CONNECTING DISSIMILAR TYPES OF PIPE AND CONCRETE PIPES WITH DISSIMILAR JOINTS
F.D.O.T. INDEX No. 430-001
NOT TO SCALE

CONSTRUCTION DETAILS
STORM SEWER-FDOT
DETAILS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970	DATE:
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:	
FIELD BOOK / PAGES: TC20 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W			

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER 8.01
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S
SHEET 8.01.4

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PHASE ___ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR) Correct (Green Highlighter) Change (Red Pen)	DATE	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	DATE	REMARK INCORPORATION (Blue Highlighter)	DATE
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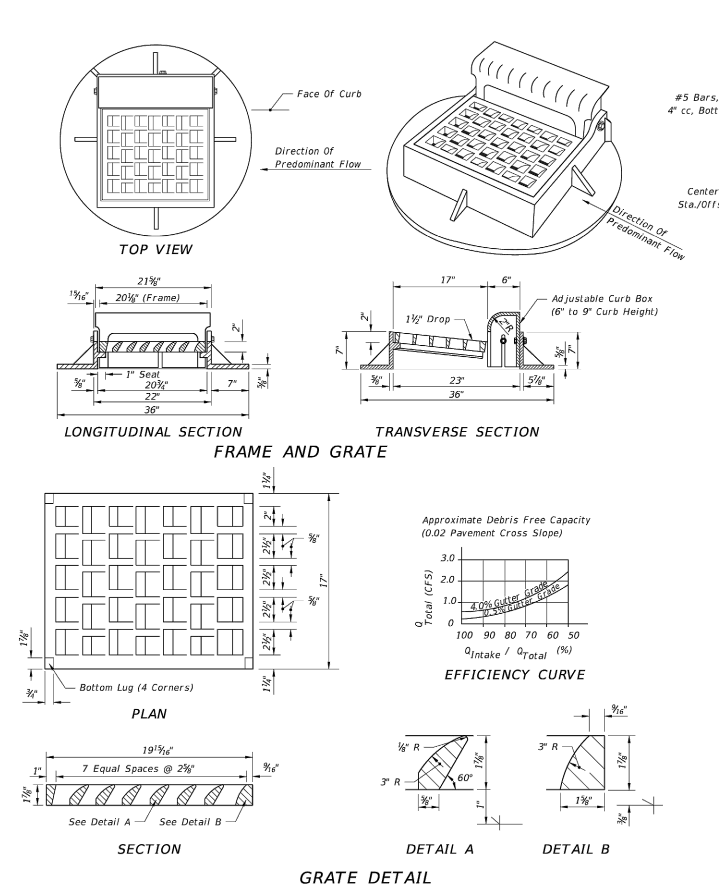
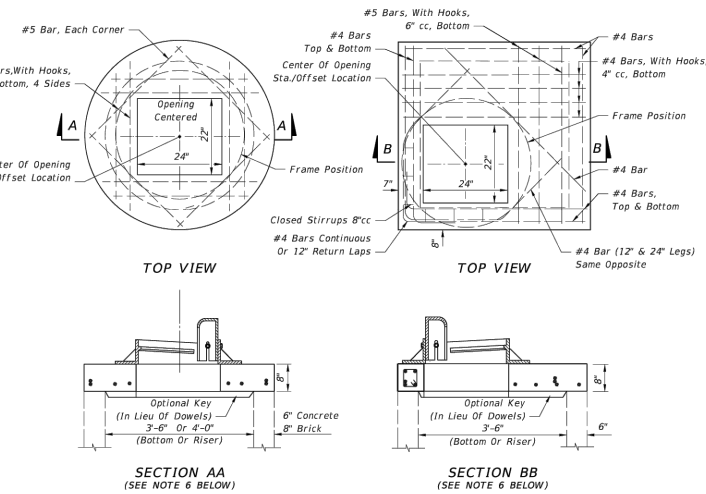


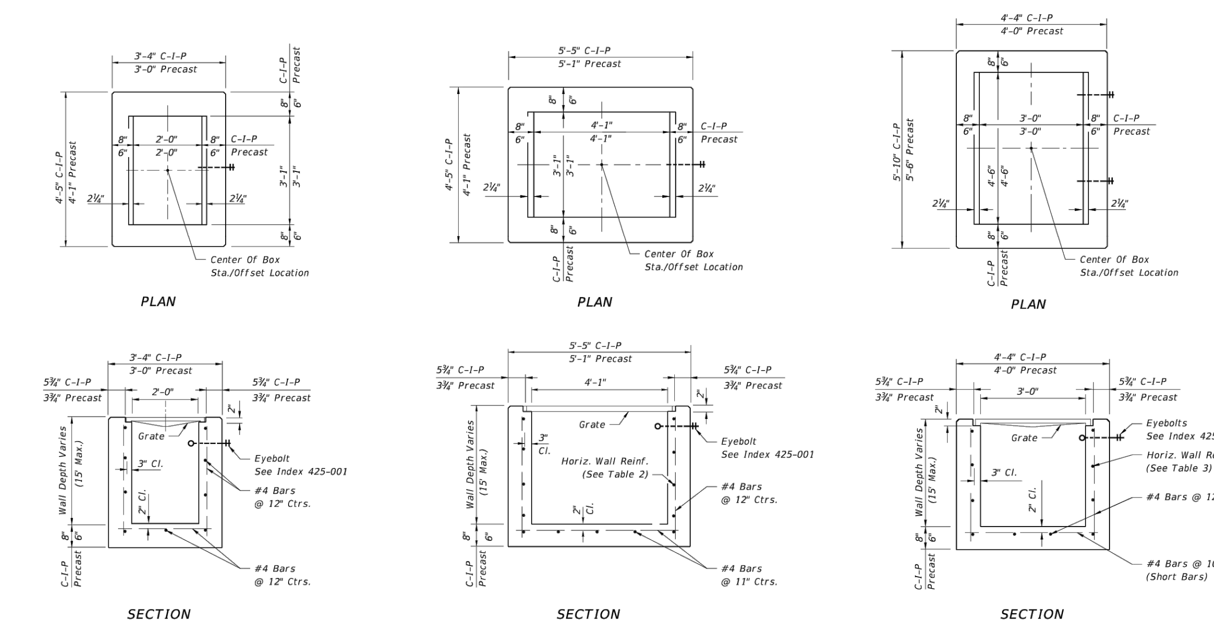


TOP SLABS

GENERAL NOTES

1. This inlet is primarily intended for locations with light flows where right of way does not permit the use of throated Curb Inlets Types 1 through 6. The typical application is on curb returns to city streets. The inlet grate is suitable for pedestrian and bicycle traffic.
2. This inlet to be located outside of curb ramp area in vertical faced curbs such as Curb and Gutter Type F. Grate shall be oriented with vanes directed toward predominant flow.
3. For structure bottoms see Index 425-010. For supplemental details see Index 425-001.
4. All steel in slab tops shall have 1¼" minimum cover unless otherwise shown. Tops shall be either cast-in-place or precast concrete.
5. For Alternate B applications, top slab openings shall be placed such that 2 edges of inlet frame will be located directly above bottom or riser walls.
6. When used on a structure with dimensions larger than those detail above and risers are not applied, the top slab shall be constructed using Index 425-010 with the slab opening adjusted to 22"x24". The "Special Top Slab" on Index 425-010 is not permitted.
7. Frame may be adjusted with one to six courses of brick.
8. Vaned grates with approximately equal openings will be permitted that satisfy AASHTO HL-93 loading. Grates shall be reversible.

LAST REVISION 11/01/17 | REVISION | DESCRIPTION: | FDOT FY 2019-20 STANDARD PLANS | CURB INLET TOP TYPE 10 | INDEX 425-025 | SHEET 1 of 1



HORIZONTAL WALL REINFORCING SCHEDULES (TABLE 1)

WALL DEPTH	SCHEDULE	AREA (in.²/ft.)	MAX. SPACING BARS	MAX. SPACING WWF
0'-15'	A12	0.20	12"	8"

TYPE C

Recommended Maximum Pipe Size:

2'-0" Wall - 18" Pipe
3'-1" Wall - 24" Pipe (18" where an 18" pipe enters a 2'-0" wall)

HORIZONTAL WALL REINFORCING SCHEDULES (TABLE 2)

WALL DEPTH	SCHEDULE	AREA (in.²/ft.)	MAX. SPACING BARS	MAX. SPACING WWF
0'-6'	A12	0.20	12"	8"
6'-10'	A6	0.20	6"	5"
10'-13'	A4	0.20	4"	3"
10'-15'	B5.5	0.24	5½"	5"

TYPE D

Recommended Maximum Pipe Size:

3'-1" Wall - 24" Pipe
4'-1" Wall - 36" Pipe

HORIZONTAL WALL REINFORCING SCHEDULES (TABLE 3)

WALL DEPTH	SCHEDULE	AREA (in.²/ft.)	MAX. SPACING BARS	MAX. SPACING WWF
0'-5'	A12	0.20	12"	8"
0'-7.5'	A6	0.20	6"	5"
7.5'-10'	B5.5	0.24	5½"	5"
10'-15'	C6.5	0.37	6½"	6"

TYPE E

Recommended Maximum Pipe Size:

3'-0" Wall - 24" Pipe
4'-6" Wall - 36" Pipe

LAST REVISION 11/01/17 | REVISION | DESCRIPTION: | FDOT FY 2019-20 STANDARD PLANS | DITCH BOTTOM INLET TYPES C, D, E AND H | INDEX 425-052 | SHEET 1 of 7

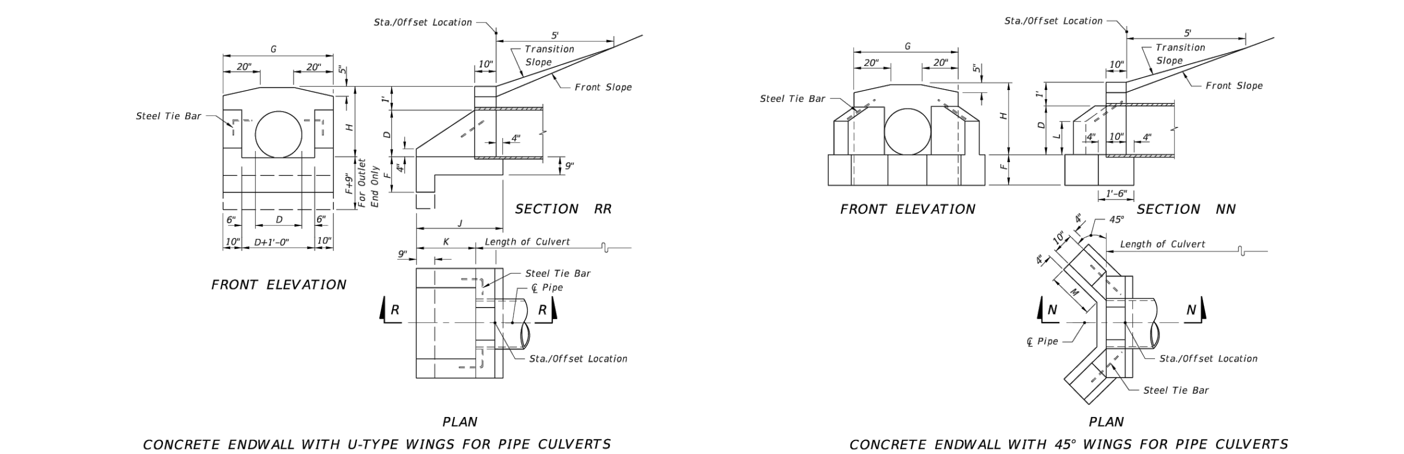


TABLE OF DIMENSIONS AND ESTIMATED QUANTITIES
PIPE CULVERT ENDWALLS WITH U-TYPE WINGS

Opening D	Opening Area (ft²)	Wall G	Wall H	Wall K	Footing F	Footing J	RCP Inlet	RCP Outlet	CMP Inlet	CMP Outlet	CIP Inlet	CIP Outlet	Steel Tie Bars
12"	0.8	3'-8"	2'-0"	1'-0"	1'-3"	2'-2"	0.48	0.55	0.49	0.57	0.49	0.57	none
15"	1.2	3'-11"	2'-3"	1'-5"	1'-3"	2'-7"	0.59	0.67	0.62	0.70	0.61	0.70	none
18"	1.8	4'-2"	2'-6"	1'-9"	1'-3"	2'-11"	0.70	0.79	0.74	0.82	0.74	0.82	none
24"	3.1	4'-8"	3'-0"	2'-6"	1'-6"	3'-8"	1.01	1.11	1.06	1.16	1.06	1.16	2-#6 Bars x 2'-0"
30"	4.9	5'-2"	3'-6"	3'-3"	1'-6"	4'-5"	1.33	1.44	1.41	1.51	1.40	1.51	2-#6 Bars x 2'-0"
36"	7.1	5'-8"	4'-0"	4'-0"	1'-9"	5'-2"	1.73	1.85	1.84	1.96	1.82	1.94	2-#6 Bars x 2'-6"
42"	9.6	6'-2"	4'-6"	4'-9"	2'-0"	5'-11"	2.19	2.32	2.32	2.45			2-#6 Bars x 2'-6"
48"	12.6	6'-8"	5'-0"	5'-6"	2'-0"	6'-8"	2.64	2.78	2.81	2.95			2-#6 Bars x 3'-0"

(Dimensions: Opening, Wall, Footing. Quantities in One Endwall: Concrete, Class I, Total (CY).)

TABLE OF DIMENSIONS AND ESTIMATED QUANTITIES
PIPE CULVERT ENDWALLS WITH 45° WINGS

Opening D	Opening Area (ft²)	Wall H	Wall G	Wall L	Wall M	Footing F	RCP	CMP	CIP	Steel Tie Bars
15"	1.2	2'-3"	3'-7"	1'-0"	1'-3"	1'-3"	0.56	0.59	0.59	none
18"	1.8	2'-6"	3'-10"	1'-2"	1'-7"	1'-3"	0.74	0.77	0.77	none
24"	3.1	3'-0"	4'-4"	1'-5"	2'-1"	1'-4"	1.01	1.06	1.06	2 -#6 Bars x 2'-0"
30"	4.9	3'-6"	4'-10"	1'-9"	2'-5"	1'-6"	1.32	1.40	1.39	2 -#6 Bars x 2'-0"
36"	7.1	4'-0"	5'-4"	2'-0"	2'-11"	1'-8"	1.72	1.83	1.82	2 -#6 Bars x 2'-6"
42"	9.6	4'-6"	5'-10"	2'-3"	3'-6"	2'-0"	2.34	2.47		2 -#6 Bars x 2'-6"
48"	12.6	5'-0"	6'-4"	2'-6"	4'-0"	2'-0"	2.74	2.90		2 -#6 Bars x 2'-6"

(Dimensions: Opening, Wall, Footing. Quantities in One Endwall: Concrete, Class I, Total (CY).)

GENERAL NOTES

1. Winged concrete endwalls are intended for use outside the clear zone.
2. Chamfer all exposed edges ¾".
3. Concrete shall be Class I, except ASTM C478 (4000 psi) Concrete may be substituted for precast items manufactured in plants meeting the requirements of Section 449 of the Specifications.
4. Endwall to be paid for under the contract unit price for Class I Concrete.
5. Sodding to be in accordance with Index 524-001, and paid for under the contract unit price for Performance Turf, SY.

LAST REVISION 11/01/17 | REVISION | DESCRIPTION: | FDOT FY 2019-20 STANDARD PLANS | WINGED CONCRETE ENDWALLS SINGLE ROUND PIPE | INDEX 430-040 | SHEET 1 of 1

DIMENSIONS AND QUANTITIES

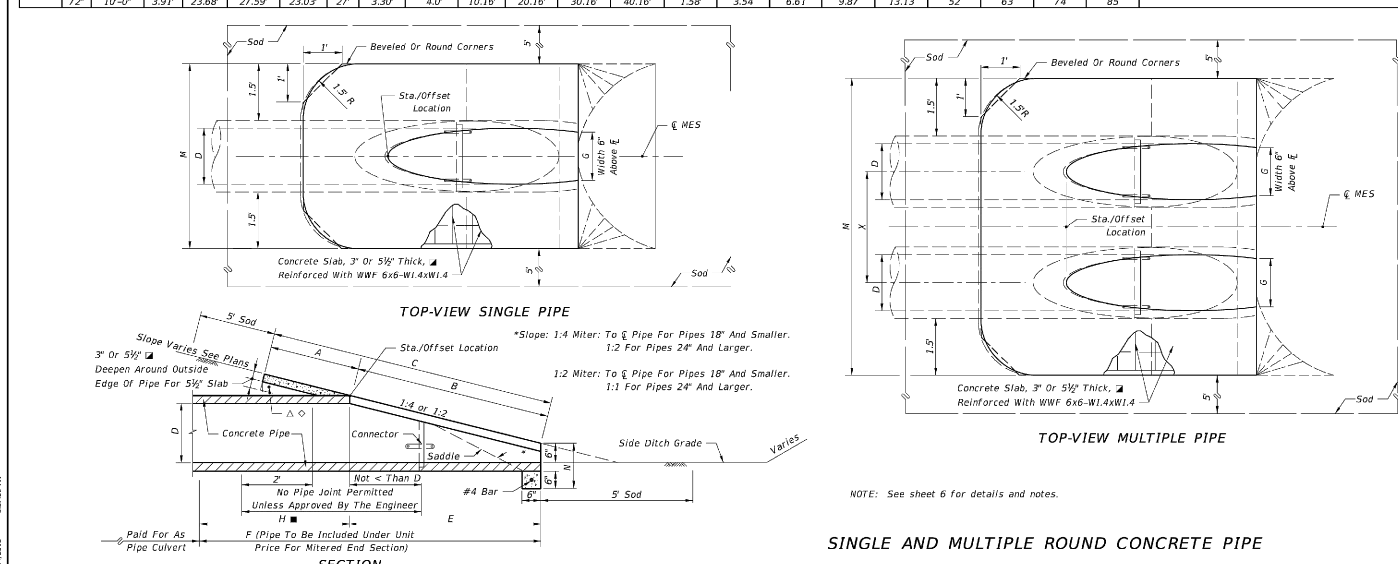
Slope	D	X	A	B	C	E	F	G	H ■	M Single Pipe	M Double Pipe	M Triple Pipe	M Quad. Pipe	N	5½" Concrete Slab (CY) ◪ Single Pipe	Slab Double Pipe	Slab Triple Pipe	Slab Quad. Pipe	Sodding (SY) Single Pipe	Sodding Double Pipe	Sodding Triple Pipe	Sodding Quad. Pipe
1:2 Slope	15"	2'-7"	1.92'	2.18'	4.10'	2.06'	5'	1.22'	2.9'	4.63'	7.21'	9.79'	12.37'	1.19'	0.38	0.58	0.77	0.96	21	24	27	30
	18"	2'-10"	1.97'	2.74'	4.71'	2.56'	6'	1.41'	3.4'	4.92'	7.75'	10.58'	13.42'	1.21'	0.44	0.65	0.87	1.09	22	25	28	31
	24"	3'-5"	2.06'	3.85'	5.91'	3.56'	7'	1.73'	3.4'	5.50'	8.92'	12.33'	15.75'	1.25'	0.54	0.83	1.12	1.42	24	28	32	35
	30"	4'-3"	2.15'	4.95'	7.10'	4.56'	8'	2.00'	3.4'	6.08'	10.33'	14.58'	18.83'	1.29'	0.66	1.09	1.50	1.91	26	31	35	40
	36"	5'-1"	2.25'	6.08'	8.33'	5.56'	9'	2.24'	3.4'	6.67'	11.75'	16.83'	21.92'	1.33'	0.81	1.38	1.95	2.51	28	34	39	45
	42"	6'-0"	2.34'	7.21'	9.55'	6.56'	10'	2.45'	3.4'	7.25'	13.25'	19.25'	25.25'	1.38'	0.97	1.70	2.45	3.19	30	37	43	50
	48"	6'-9"	2.43'	8.33'	10.76'	7.56'	11'	2.65'	3.4'	7.83'	14.58'	21.33'	28.08'	1.42'	1.13	2.04	2.93	3.84	32	39	47	54
	54"	7'-8"	2.52'	9.44'	11.96'	8.56'	12'	2.83'	3.4'	8.42'	16.08'	23.75'	31.42'	1.46'	1.31	2.44	3.58	4.72	34	42	51	59
	60"	8'-6"	2.62'	10.56'	13.18'	9.56'	14'	3.00'	4.4'	9.00'	17.50'	26.00'	34.50'	1.50'	1.51	2.89	4.28	5.68	36	45	55	64
	66"	9'-2"	2.71'	11.68'	14.39'	10.56'	15'	3.18'	4.4'	9.58'	18.75'	27.92'	37.08'	1.54'	1.68	3.25	4.84	6.43	38	48	58	68
	72"	10'-0"	2.80'	12.80'	15.60'	11.56'	16'	3.30'	4.4'	10.16'	20.16'	30.16'	40.16'	1.58'	1.89	3.74	5.59	7.45	40	51	62	73
1:4 Slope	15"	2'-7"	2.27'	4.09'	6.36'	4.03'	8'	1.22'	4.0'	4.63'	7.21'	9.79'	12.37'	1.19'	0.57	0.87	1.15	1.44	23	26	29	32
	18"	2'-10"	2.36'	5.12'	7.48'	5.03'	9'	1.41'	4.0'	4.92'	7.75'	10.58'	13.42'	1.21'	0.66	0.99	1.31	1.65	25	28	31	35
	24"	3'-5"	2.53'	7.18' △	9.71'	7.03' △	11'	1.73'	4.0'	5.50'	8.92'	12.33'	15.75'	1.25'	0.85	1.30	1.75	2.20	28	32	36	40
	30"	4'-3"	2.70'	9.25'	11.95'	9.03'	13'	2.00'	4.0'	6.08'	10.33'	14.58'	18.83'	1.29'	1.10	1.74	2.39	3.05	31	36	41	46
	36"	5'-1"	2.87'	11.31' ◇	14.18'	11.03' ◇	15'	2.24'	4.0'	6.67'	11.75'	16.83'	21.92'	1.33'	1.32	2.21	3.08	3.96	34	40	46	52
	42"	6'-0"	3.05'	13.37'	16.42'	13.03'	17'	2.45'	4.0'	7.25'	13.25'	19.25'	25.25'	1.38'	1.58	2.76	3.91	5.09	38	44	51	58
	48"	6'-9"	3.22'	15.43'	18.65'	15.03'	19'	2.65'	4.0'	7.83'	14.58'	21.33'	28.08'	1.42'	1.85	3.30	4.73	6.17	41	48	56	63
	54"	7'-8"	3.39'	17.49'	20.88'	17.03'	21'	2.83'	4.0'	8.42'	16.08'	23.75'	31.42'	1.46'	2.14	3.95	5.77	7.58	44	52	61	69
	60"	8'-6"	3.56'	19.55'	23.11'	19.03'	23'	3.00'	4.0'	9.00'	17.50'	26.00'	34.50'	1.50'	2.45	4.66	6.87	9.07	47	56	66	75
	66"	9'-2"	3.73'	21.62'	25.35'	21.03'	25'	3.18'	4.0'	9.58'	18.75'	27.92'	37.08'	1.54'	2.88	5.54	8.18	10.84	49	59	69	80
	72"	10'-0"	3.91'	23.68'	27.59'	23.03'	27'	3.30'	4.0'	10.16'	20.16'	30.16'	40.16'	1.58'	3.54	6.61	9.87	13.13	52	63	74	85

◪ See General Note 5.
See Sheet 5 For 3" Slab Quantities

■ Values shown for estimating pipe quantities and are for information only.

B	E	
△ 6.42'	△ 6.25'	Dimensions permitted to allow use of 8' standard pipe lengths.
◇ 10.40'	◇ 10.10'	Dimensions permitted to allow use of 12' standard pipe lengths.

△ ◇ Concrete slab shall be deepened to form bridge across crown of pipe. See section below.



NOTE: See sheet 6 for details and notes.

SINGLE AND MULTIPLE ROUND CONCRETE PIPE

LAST REVISION 11/01/17 | REVISION | DESCRIPTION: | FDOT FY 2019-20 STANDARD PLANS | CROSS DRAIN MITERED END SECTION | INDEX 430-021 | SHEET 1 of 6

NOTE: REFER TO F.D.O.T. DESIGN STANDARDS INDEX NUMBERS FOR ADDITIONAL RELATED DETAILS AND DATA

CONSTRUCTION DETAILS

STORM SEWER-FDOT

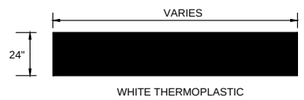
DETAILS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPH/TAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970	DATE:
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE:	
FIELD BOOK / PAGES: TC30 / 1-35	SECTION / TOWNSHIP / RANGE: 35 / 2S / 31W			

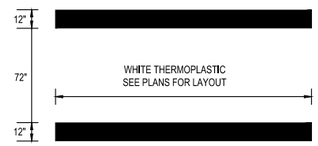
NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER ----
PROJECT NUMBER PD 11-12.030
SURVEY NUMBER jhi-120016.S



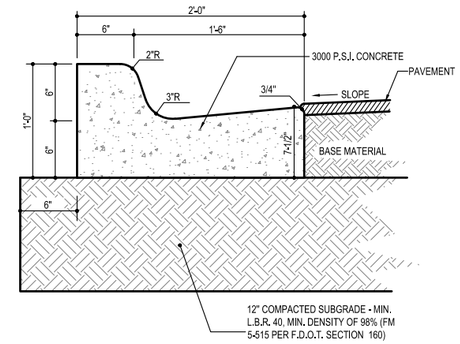
VEHICLE STOP BAR

NOT TO SCALE



PEDESTRIAN CROSSWALK

NOT TO SCALE

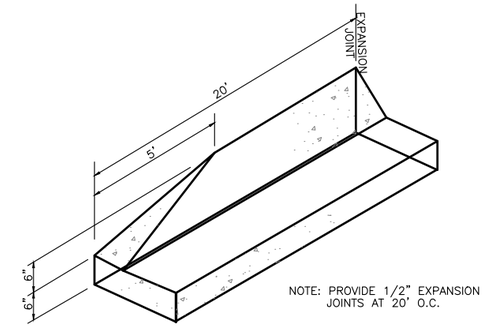


NOTES:

1. ALL MATERIALS USED FOR CONCRETE, AND THE DESIGN OF ALL CONCRETE MIXES, SHALL CONFORM WITH THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE (ACI 318). ALL CONCRETE SHALL DEVELOP A 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI. IF ANY CONCRETE SHOULD FAIL TO MEET THE STRENGTH REQUIREMENT THE STRUCTURE SHALL BE REMOVED AS NECESSARY TO REMOVE THE DEFECTIVE CONCRETE AND SHALL THEN BE REBUILT AT THE CONTRACTOR'S EXPENSE.
2. SEE PAVING DETAILS FOR PAVING AND BASE MATERIALS AND THICKNESS AND/OR ANY VARIATIONS TO SUBGRADE PREPARATION.

TYPE "F" CURB & GUTTER

NOT TO SCALE



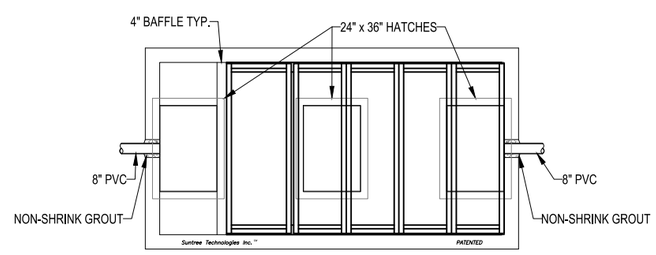
TYPICAL CURB TRANSITION

NOT TO SCALE

NUTRIENT REMOVAL FILTRATION SYSTEM: BY SUNTREE TECHNOLOGIES INC.: MODEL NO: NRFS-6-12, OR APPROVED EQUAL

GENERAL NOTES:

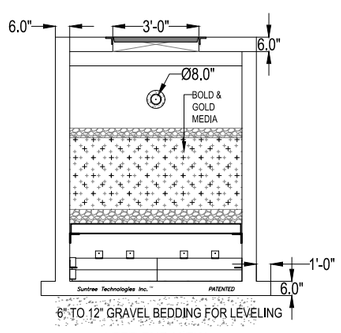
1. Pipe inflow area = 72 ft^2
2. Cubic feet of Media = 145 ft^3
3. Cubic feet of Rock = 48.90 ft^3
4. FLOOR OF VAULT TO HAVE HYDRO-SLIDE SYSTEM.
5. CONCRETE 28 DAY COMPRESSIVE STRENGTH FC=5000 PSI
6. REINFORCING: ASTM A-615 GRADE 60
7. JOINT SEALANT: BUTYL RUBBER SS-S-00210
8. ALL WALLS 6", BOTTOM 6", & TOP TO BE 6" AND DESIGNED FOR H20 LOADING' COMPLETE STRUCTURAL SUBMITTALS REQUIRED.
9. INFLOW AND OUTFLOW PIPES ARE TO BE FLUSH WITH THE INSIDE SURFACE OF THE CONCRETE STRUCTURE.
10. MANUFACTURER TO SUPPLY ALL MATERIALS UNLESS OTHERWISE NOTED.



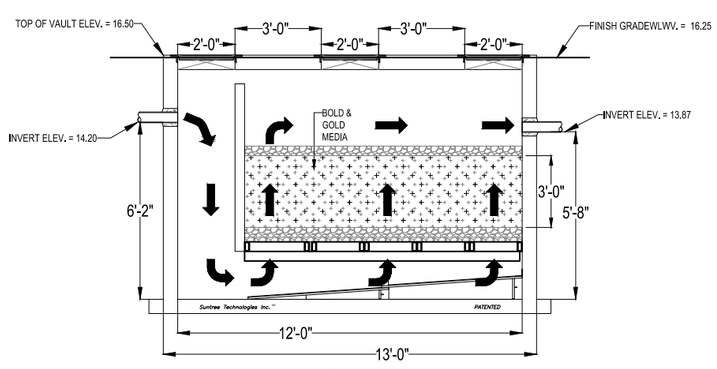
PLAN VIEW

INSTALLATION NOTES:

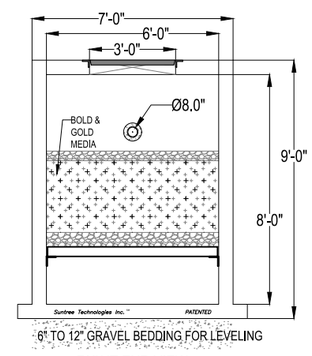
1. CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO OFFLOAD AND INSTALL THE SYSTEM AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURERS SPECIFICATIONS.
2. UNIT MUST BE INSTALLED ON LEVEL BASE. MANUFACTURER RECOMMENDS A MINIMUM OF 6" LEVEL ROCK BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE TO VERIFY PROJECT ENGINEERS RECOMMENDED BASE SPECIFICATIONS.
3. CONTRACTOR TO SUPPLY AND INSTALL ALL EXTERNAL CONNECTING PIPES.
4. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF ALL RISERS, MANHOLES, AND HATCHES (UNLESS CAST INTO THE TOP). CONTRACTOR TO GROUT ALL MANHOLES AND HATCHES TO MATCH FINISH SURFACE UNLESS SPECIFIED OTHERWISE.



LEFT END VIEW



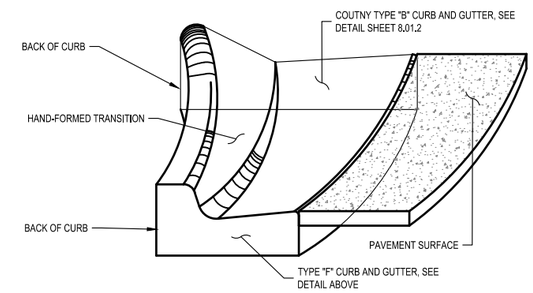
FRONT SIDE VIEW



RIGHT END VIEW

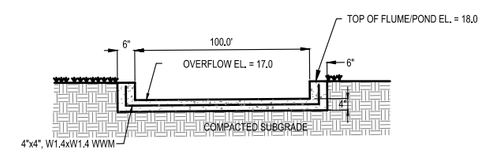
STORMWATER TREATMENT UNIT AT POND 6 DISCHARGE

NOT TO SCALE



HAND-FORMED COUNTY TYPE "B" CURB AND GUTTER TRANSITION TO TYPE "F" CURB AND GUTTER

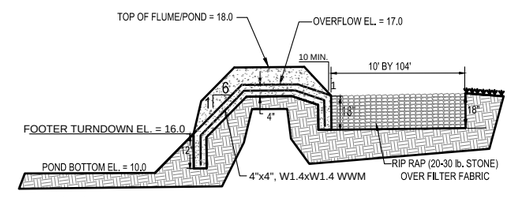
NOT TO SCALE



SECTION

SECTION THROUGH CONCRETE OVERFLOW STRUCTURE

NOT TO SCALE



NOTES:

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POND 7 CONCRETE OVERFLOW STRUCTURE AND RIP RAP

NOT TO SCALE

F:\projects\2012\120016 Beach Haven\CADD\Working Files\02 Plans\PHASE II\8.01 Construction Details.dwg, May 25, 2023 – 11:32:47AM, gpotter

PHASE ____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	VERIFICATION, CHECKER (GR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter)	DATE
SIGNATURE:			CHANGE INCORPORATION	(Yellow HighLighter)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

CONSTRUCTION DETAILS

STORMWATER TREATMENT AND ADDITIONAL DETAILS

DETAILS

ESCAMBIA COUNTY • FLORIDA

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505-5250

DRAWN BY: GPHTAH	DESIGNED BY: GPH	CHECKED BY: GPH	REG. FLA. ENG. NO. 43970
DATE: MAY 2023	PROJECT MANAGER: CHRIS A. CURB	DISTRICT: 2	SIGNATURE: DATE:
FIELD BOOK/ PAGES: TC30 / 1-35		SECTION/ TOWNSHIP/ RANGE: 35 / 2S / 31W	

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER ----

PROJECT NUMBER PD 11-12.030

SURVEY NUMBER jhi-120016.S

SHEET 8.01.6