

LEGEND			
—WM—	WATER MAIN	TOB =	TOP OF BANK
—FM—	FORCE MAIN	TOS =	TOE OF SLOPE
—SAN—	SANITARY SEWER	EOP =	EDGE OF PAVEMENT
—RW—	REUSE WATER	BOC =	BACK OF CURB
—IRR—	IRRIGATION	EOS =	EDGE OF SHELL
—GM—	GAS MAIN	EW =	EDGE OF WATER
—CATV—	CABLE TV	R/W =	RIGHT OF WAY
—BE—	BURIED ELECTRIC	EX =	EXISTING
—BT—	BURIED TELEPHONE	HDD =	-----
—OHE—	OVERHEAD ELECTRIC		
—OHE/CATV—	OVERHEAD ELECTRIC & CABLE TV		
—FO—	FIBER OPTIC CABLE		

REV. NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.	WM APPROVED BY:
D	UPDATE DESIGN/CODE UPDATES FOR REPERMITTING	08/13/15	KG		
B	UPDATED PLANS TO INCLUDE TECO GAS MAIN AND COLLECTOR FORCE MAINS	7/01/10	SRP/1755		
A	REVISED PER MANATEE COUNTY COMMENTS DATED 5/06/08 & 1/13/09	1/22/09	SRP/1755		



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CLIENT:	MANATEE COUNTY PUBLIC WORKS	DATE:	AUGUST 2015	TITLE:	KEY MAP
PROJECT:	VILLAGE OF PARRISH WASTEWATER FORCE MAIN	HORIZONTAL SCALE:	1"=300'		
		VERTICAL SCALE:	N/A		
		SHEET NO. / TOTAL	20 / 33	CROSS REFERENCE FILE NO.:	
				PROJECT NUMBER:	177310561
				SHEET NUMBER:	2 OF 30

ROBERT J. HALBACH, P.E.  
 FLORIDA LICENSE NO. 40139  
 D-17731056102



GENERAL

- 1. ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE MANATEE COUNTY PROJECT MANAGEMENT DIVISION. THE PROJECT MANAGER IS: ANTHONY BENITEZ AND CAN BE REACHED AT (941) 708-7450 X7333.
2. SITE VISITS ARE MANDATORY FOR ALL BIDDERS. THESE SITE VISITS CAN BE ARRANGED THROUGH THE PROJECT MANAGER.
3. ALL CONSTRUCTION ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF MANATEE COUNTY UTILITY AND TRANSPORTATION STANDARDS AND/OR FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" UNLESS OTHERWISE INDICATED ON THE PLANS.
4. VERTICAL CONTROL FOR THIS PROJECT WAS ESTABLISHED BY A MINIMUM OF TWO REFERENCE BENCHMARKS DESCRIBED ON THE "THE NATIONAL GEODETIC VERTICAL DATUM OF 1929", (NGVD '29).
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL CONDITIONS AND REQUIREMENTS OF ALL PERMITS AND ALL GOVERNING FEDERAL, STATE, AND LOCAL AGENCIES. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS THAT ARE NOT PROVIDED IN THE BID DOCUMENTS, AT NO ADDITIONAL COST TO THE OWNER.
6. THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATION THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
7. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS ON THE PLANS AND REVIEW ALL FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. SHOULD DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING WITH CONSTRUCTION.
8. AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA AT 1-800-432-4770 OR THE NATIONAL 811 ONE CALL NUMBER WHEN APPLICABLE FOR UTILITY LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL UTILITIES FOR THE POSSIBLE RELOCATION OR THE TEMPORARY MOVEMENT OF ANY EXISTING UTILITIES WITHIN THE RIGHTS-OF-WAY.
9. NO WORK, EXCEPT FOR EMERGENCY TYPE, SHALL BE PERFORMED AFTER 7:00 PM AND BEFORE 7:00 AM. FOR ADDITIONAL PROJECT RESTRAINTS, REFER TO SECTION 01310 OF THE SPECIFICATIONS.
10. EXISTING NAVD 88 MARKS ALONG ERIE MUST BE PRESERVED. THE LOCATION OF THESE MARKS ARE AVAILABLE FROM NATIONAL GEODETIC SURVEY, OR THE SURVEY DIVISION CAN ASSIST WITH THE RECOVERY OF THESE MARKS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
11. THE INTENT OF THIS PROJECT IS TO PROTECT AND SAVE THE EXISTING OAK TREES ALONG THE PROPOSED ROUTING. CONTRACTOR SHALL MINIMIZE IMPACT TO THESE TREES.

SAFETY

- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE FLORIDA TRENCH SAFETY ACT, 90-96, LAWS OF FLORIDA EFFECTIVE OCTOBER 1, 1990 AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EXCAVATION SAFETY STANDARDS, 29 CFR 1926.650, SUBPART P, AS AMENDED. THE CONTRACTOR SHALL INCLUDE IN THE TOTAL BID PRICE ALL COSTS FOR COMPLIANCE WITH THESE REGULATIONS.
13. THE CONTRACTOR SHALL USE SHEET PILING, SHEETING, BRACING, ETC., AS REQUIRED IN ALL EXCAVATION AREAS AND CONFORM TO ALL OSHA REQUIREMENTS.
14. THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND UTILITIES, POWER LINES, ETC.
15. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THIS EXCLUSION DOES NOT ALLEVIATE THE CONTRACTOR FOR PROVIDING A CONTINUOUS SAFE WORKSPACE.

ENVIRONMENTAL

- 16. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL (SEC) DEVICES (E.G. BARRIERS, SEDIMENT TRAPS/BASINS, VEGETATIVE BUFFERS, ETC.) AS SPECIFIED IN THE FINAL APPROVED PLANS FOR THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SEC DEVICES UTILIZED DURING THE PROJECT, AS WELL AS INSTALLATION & MAINTENANCE OF ANY ADDITIONAL MEASURES DEEMED NECESSARY DURING PROJECT IMPLEMENTATION, TO PREVENT EROSION AND OFF-SITE SEDIMENT MIGRATION. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL OF ALL SEC DEVICES UPON CONCLUSION OF THE PROJECT, AND UPON ADEQUATE STABILIZATION OF DISTURBED SOILS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING THE "NOTICE OF INTENT" AND "NOTICE OF TERMINATION" IN COMPLIANCE WITH NPDES PERMIT REQUIREMENTS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR DEVELOPING AND MAINTAINING AN ADEQUATE AND EFFECTIVE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
17. WHEN A BENTONITE SPILL OR FRACK-OUT OCCURS OR THERE IS A LOSS OF RETURN INDICATING EXCESSIVE SEEPAGE OR LOSS OF DRILLING FLUID, DRILLING MUST BE STOPPED UNTIL THE LOCATION OF THE SPILL IS IDENTIFIED. UNDER NO CIRCUMSTANCES WILL DRILLING CONTINUE WHEN A SPILL IS APPARENT.
18. ONCE LOCATED, THE BENTONITE SPILL MUST BE ISOLATED AND SEEPAGE INTO ANY NEARBY WATER BODIES WILL BE BLOCKED DEPENDING ON THE DEGREE OF THE SPILL. THE ISOLATED BENTONITE MUST BE REMOVED MANUALLY OR MECHANICALLY AND DISPOSED OF BY APPROPRIATE MEANS OR REUSED.
19. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY STORM WATER, EROSION, AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH THE FDEP "FLORIDA STORM WATER, EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL". IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT TO SURFACE DRAINS AND TO DITCHES DURING CONSTRUCTION.
20. STOCKPILES SHALL BE PROTECTED AT ALL TIMES BY ON-SITE DRAINAGE CONTROLS WHICH PREVENT EROSION OF THE STOCKPILED MATERIAL. CONTROL OF DUST FROM SUCH STOCKPILES IS REQUIRED, DEPENDING UPON THEIR LOCATION AND THE EXPECTED LENGTH OF TIME THE STOCKPILES WILL BE PRESENT. IN NO CASE SHALL ANY STOCKPILED MATERIAL REMAIN AFTER THIRTY (30) CALENDAR DAYS.
21. STORM WATER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED HAY BALES, SOD, STONE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS, AND WHICH MUST BE APPROVED BY THE ENGINEER BEFORE INSTALLATION. THIS WILL BE MAINTAINED TO PREVENT DEGRADATION OF THE WATERS OF THE COUNTY AND STATE.
22. SEDIMENT BASINS AND TRAPS, PERIMETER BERMS, SEDIMENT BARRIERS, VEGETATIVE BUFFERS, AND OTHER MEASURES INTENDED TO TRAP SEDIMENT AND/OR PREVENT THE TRANSPORT OF SEDIMENT ONTO ADJACENT PROPERTIES, OR INTO EXISTING BODIES OF WATER, MUST BE INSTALLED, CONSTRUCTED, OR IN THE CASE OF VEGETATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALTERATION PROCESS. SUCH SYSTEMS SHALL BE FULLY OPERATIVE BEFORE ANY OTHER DISTURBANCE OF THE SITE BEGINS. EARTHEN STRUCTURES INCLUDING BUT NOT LIMITED TO BERMS, EARTH FILTERS, DAMS OR DIKES SHALL BE STABILIZED AND PROTECTED FROM DRAINAGE DAMAGE OR EROSION WITHIN ONE (1) WEEK OF INSTALLATION.
23. ALL SWALES, DITCHES, AND CHANNELS LEADING FROM THE SITE SHALL BE PROTECTED FROM SILTATION AND EROSION DURING CONSTRUCTION AND BE SODDED WITHIN THREE (3) DAYS OF EXCAVATION.
24. SOIL DISPLACED BY CONSTRUCTION WILL BE REMOVED. EROSION CONTROL SHALL BE IMPLEMENTED IN AREAS WHICH ARE CONSIDERED ENVIRONMENTALLY SENSITIVE. EROSION CONTROL SYSTEMS SHALL BE REQUIRED FOR ALL WORK WITHIN JURISDICTIONAL AREAS. THESE SYSTEMS MAY INCLUDE STAKED HAY BALES, SILT SCREENS, FILTER FABRIC, AND TURBIDITY SCREENS.
25. ALL EROSION AND POLLUTION CONTROL DEVICES SHALL BE CHECKED REGULARLY, ESPECIALLY AFTER EACH RAINFALL AND SHALL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED.
26. THE CONTRACTOR SHALL NOT ENTER UPON OR IN ANY WAY ALTER WETLAND AREAS THAT MAY BE ON OR NEAR THE CONSTRUCTION SITE. ALL WORK IN THE VICINITY OF OPEN WATER AND/OR WETLANDS IS TO BE PERFORMED IN COMPLIANCE WITH THE ENVIRONMENTAL REGULATIONS AND/OR PERMITS FOR THE SITE. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY FINES RESULTING FROM HIS VIOLATION OF ANY REGULATIONS OR PERMIT CONDITIONS.
27. FOR MORE INFORMATION, SEE THE EROSION CONTROL DETAIL SHEET INCLUDED IN THE PLANS.

RIGHT-OF-WAY

- 28. ALL CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO WITHIN THE MANATEE COUNTY/FDOT RIGHT-OF-WAY AND/OR EASEMENTS SHOWN ON THE DRAWINGS.
29. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO REFERENCE AND RESTORE PROPERTY CORNER MONUMENTS, PINS, AND LANDMARKS THAT MAY BE DISTURBED BY CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
30. THE CONTRACTOR, PRIOR TO CONSTRUCTION AND RESTRICTING ANY TRAFFIC, MUST OBTAIN A RIGHTS-OF-WAY USE PERMIT AND A TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM OTHER GOVERNMENTAL AGENCIES HAVING RELEVANT JURISDICTION. ALL MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION "MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICES". A TRAFFIC CONTROL PLAN SHALL BE SUPPLIED BY THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING.
31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL DAMAGED STORM WATER STRUCTURES, PIPING, ENTRANCE PIPE AND HEADWALLS WHETHER SHOWN ON THE PLANS OR NOT. THE HEADWALLS SHALL BE REPLACED IN ACCORDANCE WITH F.D.O.T. STANDARDS.

- 32. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH IN THE FIELD THE RIGHT-OF-WAY LINES, BASE LINES, BENCH MARKS (ELEV.), CENTER LINES, AND STATIONING AS REQUIRED TO CONSTRUCT THIS PROJECT.
33. THE CONTRACTOR SHALL COORDINATE THE CUTTING OF DRIVEWAYS WITH THE PROPERTY OWNER PRIOR TO CUT. ALL DRIVEWAYS WILL BE IN PASSABLE CONDITION AT THE END OF THE WORK DAY AND FULLY RESTORED PER SECTION 02575.
34. A RIGHT OF ENTRY AGREEMENT SHALL BE OBTAINED BY THE PROJECT MANAGER FROM THE PROPERTY OWNER BEFORE ANY DRIVEWAY CONSTRUCTION WORK IS DONE OUTSIDE OF THE RIGHT-OF-WAY OR EASEMENT.
UTILITIES
35. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC. WHICH ARE WITHIN THE PROJECT AREA AND WHICH HAVE NOT BEEN LOCATED OR IDENTIFIED, MAY NOT BE IN THE EXACT LOCATION SHOWN OR RELOCATED SINCE THE PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY, PRIOR TO CONSTRUCTION, THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES STRUCTURES AND OTHER FEATURES (WHETHER OR NOT SHOWN ON THE PLANS) THAT MAY AFFECT HIS WORK. ALL EXISTING UTILITIES TO BE EXTENDED, CROSSED OR CONNECTION POINTS SHALL BE EXPOSED PRIOR TO CONSTRUCTION TO VERIFY LOCATION AND ELEVATION. ANY DISCREPANCIES OR CONFLICTS FOUND SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR RESOLUTION.
36. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, WATER AND SEWER LINES, STORM DRAINS, UTILITIES, DRIVEWAYS, SIDEWALKS, SIGNS, MAIL BOXES, FENCES, TREES, LANDSCAPING, AND ANY OTHER IMPROVEMENT OR FACILITY IN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DAMAGED ITEM DUE TO HIS CONSTRUCTION ACTIVITIES TO EQUAL OR BETTER THAN PRE-CONSTRUCTION CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
37. THE CONTRACTOR SHALL USE APPROPRIATE TECHNIQUES, AS APPROVED, RECOMMENDED OR OFFERED BY FLORIDA POWER AND LIGHT TO PREVENT UNDERMINING OF POWER POLES DURING CONSTRUCTION. IF HOLDING OF POWER POLES IS RECOMMENDED OR REQUIRED BY THE UTILITY, THE CONTRACTOR SHALL COORDINATE THIS ACTIVITY WITH THE UTILITY AND BEAR ALL RELATED COSTS.
38. ANY TEMPORARY SHUTDOWNS FOR MODIFICATIONS OF EXISTING UTILITY SYSTEMS THAT MUST REMAIN IN SERVICE DURING CONSTRUCTIONS SHALL BE KEPT TO A MINIMUM AND SHALL BE COORDINATED WITH AND APPROVED BY THE MANATEE COUNTY UTILITY OPERATIONS DEPARTMENT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. IT IS NOTED THAT TEMPORARY SHUTDOWNS MAY BE RESTRICTED TO CERTAIN HOURS AT ANY TIME OF THE DAY OR NIGHT AND WILL BE COMPLETED AT NO ADDITIONAL COST TO THE OWNER.

39. FOR WORK BEING DONE ON EXISTING SANITARY SEWER LINES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE FLOW OF ALL SEWAGE DURING CONSTRUCTION, WHICH MAY REQUIRE BY-PASS PUMPING AND/OR PUMPER TRUCKS. THE CONTRACTOR SHALL SUBMIT A DETAILED BY-PASS PUMPING PLAN PER SECTION 02720.

RESTORATION

- 40. ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS SHOWN OTHERWISE.
41. ALL DISTURBED GRASSED AREAS SHALL BE SODDED OR SEEDED UNLESS OTHERWISE INDICATED. THE TYPE OF SOD USED TO REPLACE OWNER MAINTAINED AREAS IN RIGHT-OF-WAY SHALL BE COORDINATED WITH THE PROPERTY OWNER.
42. ALL CONCRETE THRUST BLOCKS INSTALLED FOR TESTING PURPOSES AND NOT REQUIRED FOR THE OPERATION OF THE PIPELINE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR, PRIOR TO FINAL ACCEPTANCE, AT NO ADDITIONAL COST TO THE OWNER.
43. ASPHALT DRIVES THAT ARE CUT SHALL BE RESTORED PER SECTION 02513.
44. CONCRETE DRIVEWAYS OR SIDEWALKS THAT ARE CUT SHALL BE RESTORED TO MATCH EXISTING ACCORDING TO THE CURRENT EDITIONS OF THE F.D.O.T. SPECIFICATIONS FOR ROAD AND BRIDGE DESIGN, SECTION 522, AND SECTION 310 OF THE F.D.O.T. DESIGN STANDARDS.
45. WHENEVER A PERMANENT ROADWAY SURFACE IS NOT PLACED IMMEDIATELY AFTER BACKFILLING AND COMPACTION OF THE NEWLY INSTALLED PIPE LINE IN AREAS WHERE TRAFFIC MUST PASS, THE CONTRACTOR SHALL INSTALL A TEMPORARY SURFACE CONSISTING OF NINE INCHES OF COMPACTED LIME ROCK BASE AND A COAT OF ASPHALT EMULSION. PERMANENT ROADWAY REPAIR SHALL BE PERFORMED A MAXIMUM OF TWENTY-ONE CALENDAR DAYS AFTER THE INITIAL OPEN CUTTING.
46. RESTORATION OF CURBS, DRIVEWAYS, SIDEWALKS, AND PLACEMENT OF SOD SHALL BE COMPLETED WITHIN FORTY-FIVE CALENDAR DAYS OF INITIAL DISTURBANCE, OR TWENTY-ONE CALENDAR DAYS OF SUBSTANTIAL COMPLETION, WHICHEVER OCCURS FIRST.
47. RESTORATION OF ROADWAY CUTS IS REQUIRED WITHIN 25' OF THE CUT. IF THE 25' FALLS WITHIN A ROADWAY LANE, THE ENTIRE LANE SHALL BE RESTORED, INCLUDING PAVEMENT AND MARKINGS.
48. THE CONTRACTOR SHALL REPAIR/REPLACE ANY ROADWAY/SURFACE IMPACTED BY A HORIZONTAL DIRECTIONAL DRILL FRAC-OUT AS REQUIRED BY THE COUNTY/CITY TRANSPORTATION DEPARTMENT.
49. ALL DRIVEWAYS, INCLUDING BUT NOT LIMITED TO CONCRETE, ASPHALT AND SHELL TYPE, IMPACTED BY THE CONTRACTOR, SHALL BE REMOVED AND REPLACED FROM THE ROADWAY TO THE RIGHT-OF-WAY LINE.

CONSTRUCTION

- 50. THE EXHAUST SYSTEM OF ALL GASOLINE AND DIESEL ENGINES SHALL BE EQUIPPED WITH MUFFLERS THAT MEET THE EQUIPMENT MANUFACTURER'S REQUIREMENTS FOR NOISE SUPPRESSION. THE CONTRACTOR SHALL INSTALL NOISE ABATEMENT Baffles POSITIONED TO BREAK LINE-OF-SITE FROM THE NOISE SOURCE TO AFFECTED RESIDENCES, AS APPROVED BY THE ENGINEER.
51. NO MATERIAL SHALL BE STOCKPILED IN ROADWAYS. ALL DIRT AND DEBRIS SHALL BE REMOVED FROM THE JOB SITE DAILY. ROADS SHALL BE SWEEPED DAILY AS PART OF DAILY CLEAN UP.
52. THE CONTRACTOR IS TO CONTROL ALL FUGITIVE DUST ORIGINATING ON THIS PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.
53. INGRESS AND EGRESS TO ALL THE PROPERTIES IN THE CONSTRUCTION AREA SHALL BE MAINTAINED AT ALL TIMES.
54. PRIOR APPROVAL WILL BE REQUIRED FOR REMOVAL OF ANY TREE WITHIN THE CONSTRUCTION AREA.
55. THE CONTRACTOR SHALL PROVIDE ALL DEWATERING EQUIPMENT NECESSARY TO KEEP ALL EXCAVATIONS DRY. DEWATERING IS REQUIRED TO 18" BELOW TRENCH BOTTOM. ALL DEWATERING SHALL BE DONE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY DEWATERING PERMITS.
56. ALL PIPING AND FITTINGS USED ON THIS PROJECT SHALL BE AS NOTED ON THE PLANS AND IN THE CONTRACT DOCUMENT AND SHALL BE INSTALLED TO THE LINES AND GRADES SHOWN ON THE PLANS AND PROFILES.
57. ALL PIPE SHALL BE COLOR CODED TO CONFORM TO MANATEE COUNTY STANDARDS.
58. ALL PIPE AND FITTINGS SHALL BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER AND ALL PIPE JOINTS SHALL BE RESTRAINED WHERE REQUIRED.
59. ALL FITTINGS FOR PRESSURE CLASS-RATED PIPE SHALL BE RESTRAINED DUCTILE IRON. RESTRAINED LENGTHS OF PIPE SHALL ADHERE TO THE REQUIREMENTS AS SHOWN ON THE DETAIL SHEETS.
60. WHERE IT IS NECESSARY TO DEFLECT PIPE EITHER HORIZONTALLY OR VERTICALLY, PIPE DEFLECTION SHALL NOT EXCEED 75% OF THE MANUFACTURER'S MAXIMUM ALLOWABLE RECOMMENDED DEFLECTION.
61. ALL PIPE LENGTHS ARE PLUS OR MINUS AND MAY BE ADJUSTED IN THE FIELD AS REQUIRED. PIPE MEASUREMENTS ARE TO CENTER OF STRUCTURES OR FITTINGS.
62. ALL ROCKS OR STONES LARGER THAN SIX INCH DIAMETER SHALL BE REMOVED FROM THE BACKFILL MATERIAL. BACKFILL MATERIAL PLACED WITHIN ONE FOOT OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN TWO INCH DIAMETER.
63. ONLY MANATEE COUNTY UTILITY OPERATIONS STAFF ARE AUTHORIZED TO OPERATE VALVES ON COUNTY OWNED AND MAINTAINED UTILITY SYSTEMS.
64. ALL PENETRATION OF EXISTING STRUCTURES SHALL BE BY THE MECHANICAL ROTARY CORE BORING METHOD.
65. ALL CONCRETE PENETRATED OR DISTURBED SHALL BE COATED WITH TWO COATS OF EPOXY.
66. THE CONTRACTOR, PRIOR TO ANY TEMPORARY WATER SHUT-OFFS DURING WATER MAIN TIE-IN, ETC., SHALL NOTIFY THE AFFECTED RESIDENTS BY POSTING INFORMATIONAL SIGNS IN THE NEIGHBORHOOD AT LEAST TWO DAYS (48 HRS) PRIOR TO THE WATER SHUT-OFF. REFERENCE SECTION 01580, PARAGRAPH 1.03 OF THE SPECIFICATIONS. WHEN FEASIBLE, "DOOR HANGERS" SHALL BE DELIVERED TO AFFECTED RESIDENCES AT LEAST TWO DAYS (48 HRS) PRIOR TO WATER SHUT-OFF. FOR LARGE PROJECTS WITH HUNDREDS OF HOMES AFFECTED, THE CONTRACTOR SHALL ALSO MAKE EXTENSIVE USE OF THE MEDIA AND SHALL HAVE PRIOR CONTACT WITH HOMEOWNER'S ASSOCIATIONS, WRITTEN NOTIFICATIONS SHALL ALSO BE FAXED TO THE TAMPA TRIBUNE, BRADENTON HERALD, SARASOTA HERALD TRIBUNE, WBRO RADIO, EMERGENCY COMMUNITY CENTERS, INSPECTIONS, WATER TREATMENT PLANT, WATER MANAGER, HELPLINE, CUSTOMER SERVICE, AND THE MANATEE COUNTY UTILITY OPERATIONS DEPARTMENT.
67. ALL NEW PIPE LINES SHALL BE PIG CLEANED (4" AND LARGER), FLUSHED, PRESSURE TESTED, DISINFECTED AND CERTIFIED PRIOR TO TIE-INS TO EXISTING FACILITIES. THE CONTRACTOR WILL BE ALLOWED TO USE TEMPORARY PLUGS FOR PIG CLEANING AND PRESSURE TESTING.
68. ALL TEST POINT PIPING SHALL BE CUT LOOSE FROM THE CORPORATION STOP AND COMPLETELY REMOVED AND DISPOSED OF BY THE CONTRACTOR PRIOR TO FINAL ACCEPTANCE. A CORPORATION STOP PLUG SHALL BE INSTALLED AND THE CORPORATION STOP SHALL REMAIN IN PLACE.
69. ALL EXISTING MAINS THAT ARE BEING REPLACED SHALL BE ABANDONED IN PLACE UPON ACCEPTANCE AND ACTIVATION OF THE NEW MAINS. ABANDONED MAINS SHALL BE CUT, FILLED WITH GROUT, AND CAPPED. REFER TO SECTION 02064 OF THE SPECIFICATIONS FOR GROUTING OF ABANDONED PIPE.
70. WATER MAINS CROSSING OVER OR UNDER SANITARY SEWERS, FORCE MAINS, AND RECLAIMED WATER LINES SHALL BE LAID PER CURRENT EDITION OF "10 STATE STANDARDS" AND MANATEE COUNTY UTILITY STANDARDS UNLESS NOTED OTHERWISE ON THE PLANS.
71. FIELD CONDITIONS MAY NECESSITATE MINOR ALIGNMENT AND GRADE DEVIATION OF THE PROPOSED UTILITIES TO AVOID OBSTACLES, AS ORDERED BY THE ENGINEER.
72. CONTRACTOR SHALL PROVIDE RECORD DRAWINGS IN ACCORDANCE WITH SECTION 14 IN THE CURRENT MANATEE COUNTY UTILITY STANDARDS AT NO COST TO THE OWNER. RECORD DRAWINGS SHALL BE SIGNED & SEALED BY A SURVEYOR CURRENTLY LICENSED BY THE STATE OF FLORIDA. ALL RECORD DRAWING INFORMATION REQUIREMENTS IN SECTION 14 SHALL BE STRICTLY ENFORCED. A COPY OF SECTION 14 WILL BE PROVIDED UPON REQUEST. THE PLANS WERE PREPARED USING THE NGVD 1929 VERTICAL DATUM. THE SURVEYOR SHALL PREPARE THE RECORD DRAWINGS UTILIZING THE NAVD 1988 VERTICAL DATUM, AND REDRAW THE FORCE MAIN AND UTILITY MAINS IN CONFLICT, ADJACENT OR CROSSING. CONTRACTOR'S/SURVEYOR SHALL ROUND PIPE LENGTHS TO THE NEAREST FOOT.
73. OAK TREES REPLACED FOR 2-3" CALIPER, 1:1 REPLACEMENT UNLESS MULTIPLE TREES WITHIN 30 FEET ONLY REPLACE WITH 1 TREE. PALM TREES REPLACEMENT WITH SABAL PALM 15' IN HEIGHT OR 10" CLEAR TRUNK, 1:1 REPLACEMENT. ALL TREES SHALL BE FLORIDA NO.1 NURSERY GRADE.

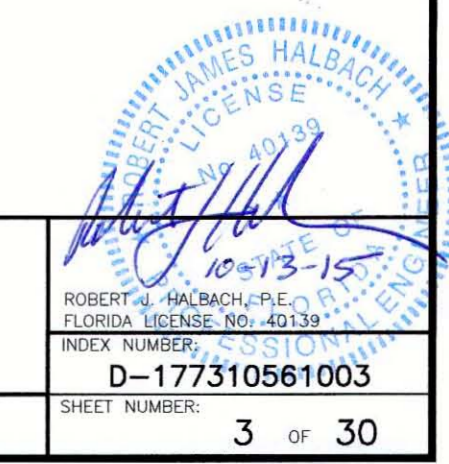
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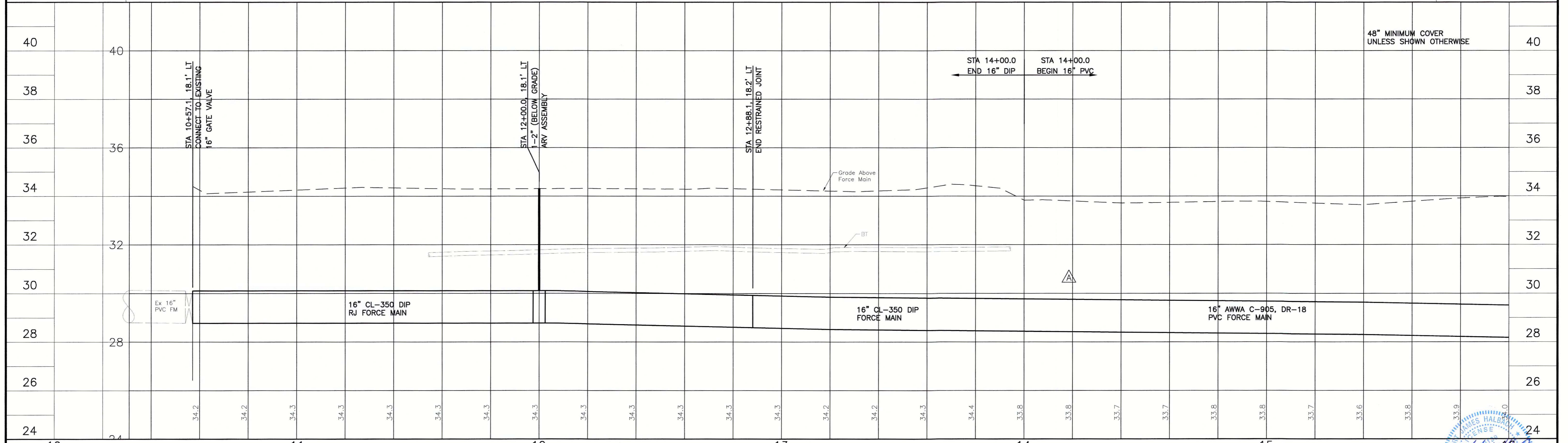
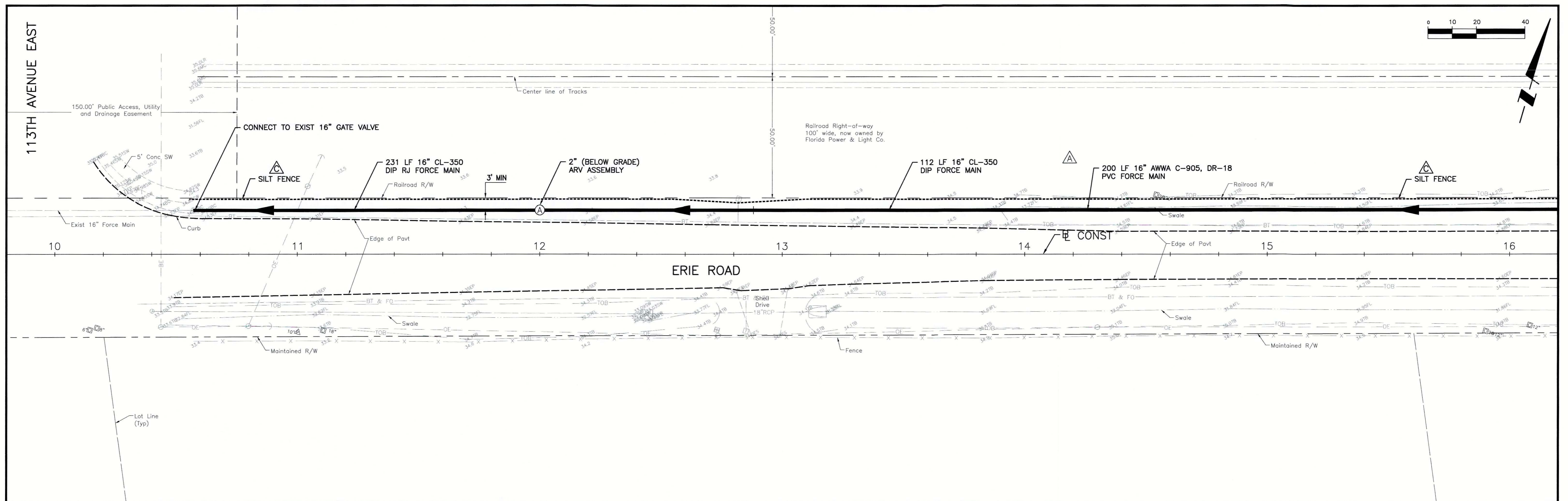
Table with 4 columns: CLIENT (MANATEE COUNTY PUBLIC WORKS), PROJECT (VILLAGE OF PARRISH WASTEWATER FORCE MAIN), DATE (AUGUST 2015), and TITLE (GENERAL NOTES). Includes revision table and drawing information.



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REV. NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.	WM APPROVED BY:	ACTIVITY	INITIALS/EMP. NO.	DATE
D	UPDATE DESIGN/CODE UPDATES FOR REPERMITTING	08/13/15	KG			DESIGNED BY:	RJH	JULY 2015
C	ADD SILT FENCE	06/26/13	SRP			DRAWN BY:	KG	JULY 2015
A	REVISED PER MANATEE COUNTY COMMENTS DATED 5/06/08 & 1/13/09	1/22/09	SRP/1755			CHECKED BY:	RJH	JULY 2015
						CONTRACT ADMIN. BY:		

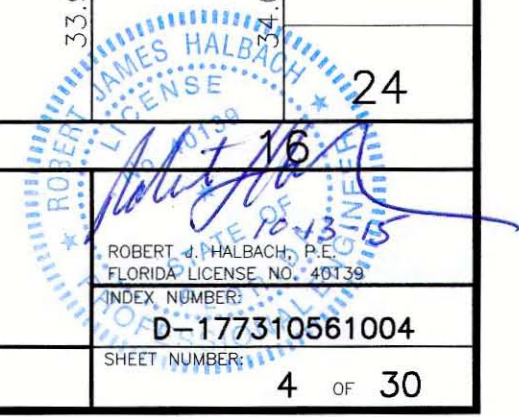


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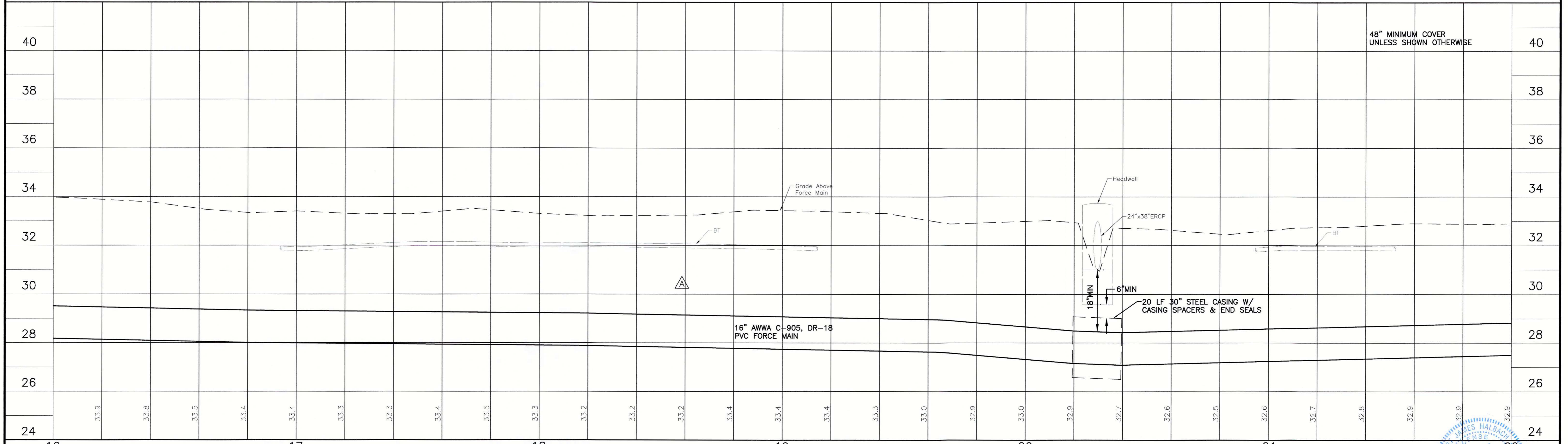
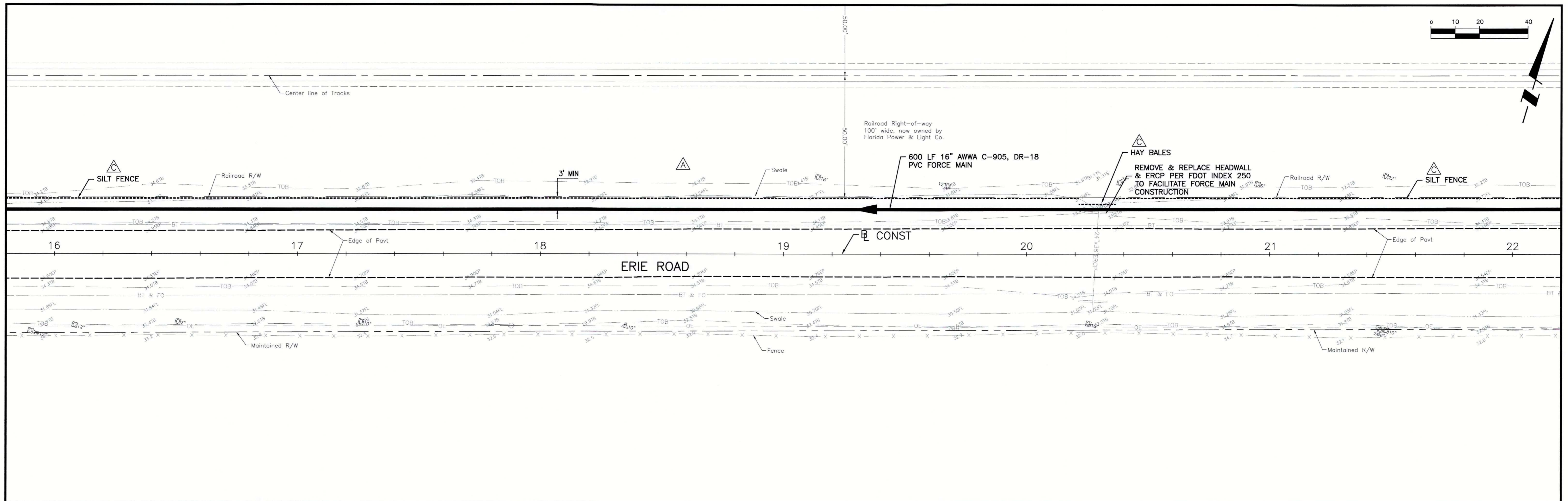
CLIENT: MANATEE COUNTY PUBLIC WORKS  
 PROJECT: VILLAGE OF PARRISH WASTEWATER FORCE MAIN

DATE: AUGUST 2015  
 HORIZONTAL SCALE: 1"=20'  
 VERTICAL SCALE: 1"=2'

TITLE: PLAN AND PROFILE  
 ERIE RD  
 STA 10+00 TO 16+00  
 PROJECT NUMBER: 177310561  
 SHEET NUMBER: 4 OF 30







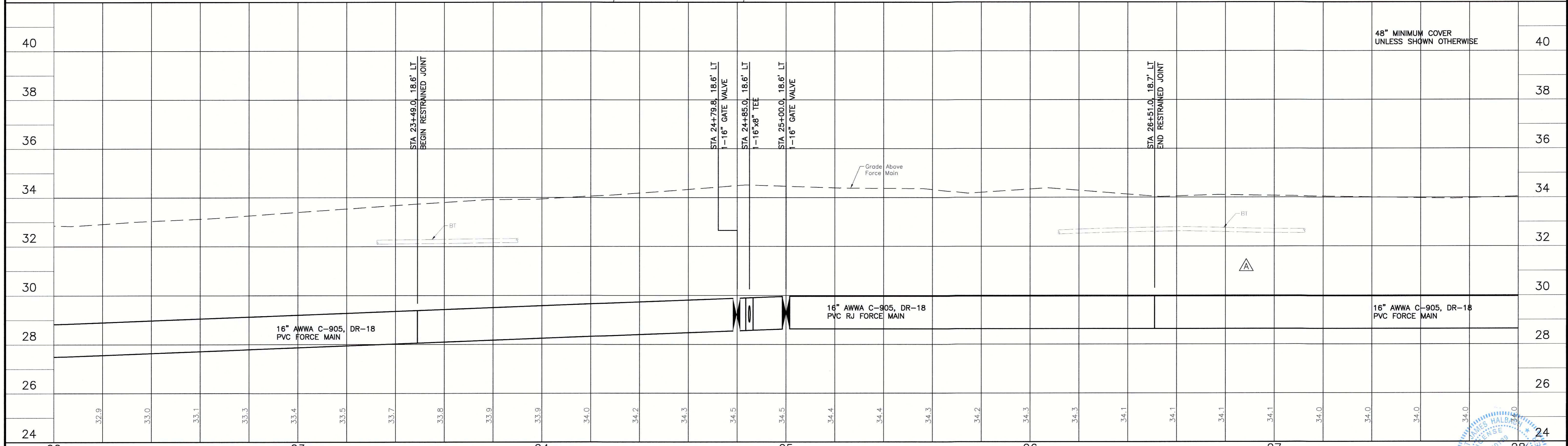
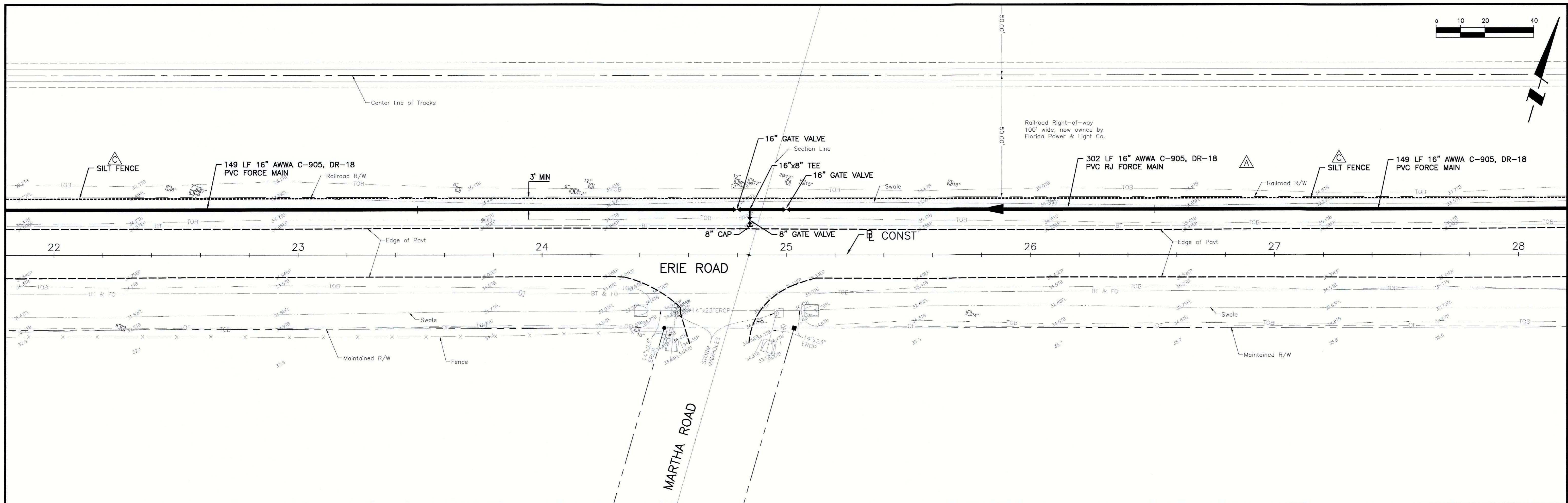
REV. NO.	REVISION	DATE	DESIGNED BY	INITIALS/EMP. NO.	DATE
D	UPDATE DESIGN/CODE UPDATES FOR REPERMITTING	08/13/15	KG	RJH	JULY 2015
C	ADD SILT FENCE	06/26/13	SRP	KG	JULY 2015
A	REVISED PER MANATEE COUNTY COMMENTS DATED 5/06/08 & 1/13/09	1/22/09	SRP/1755	RJH	JULY 2015



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CLIENT:	MANATEE COUNTY PUBLIC WORKS	DATE:	AUGUST 2015	TITLE:	PLAN AND PROFILE ERIE RD STA 16+00 TO 22+00
PROJECT:	VILLAGE OF PARRISH WASTEWATER FORCE MAIN	HORIZONTAL SCALE:	1"=20'	INDEX NUMBER:	D-177310561005
		VERTICAL SCALE:	1"=2'	CROSS REFERENCE FILE NO.:	
		DATE:	2015	PROJECT NUMBER:	177310561
		TIME:	19	SHEET NUMBER:	5 of 30





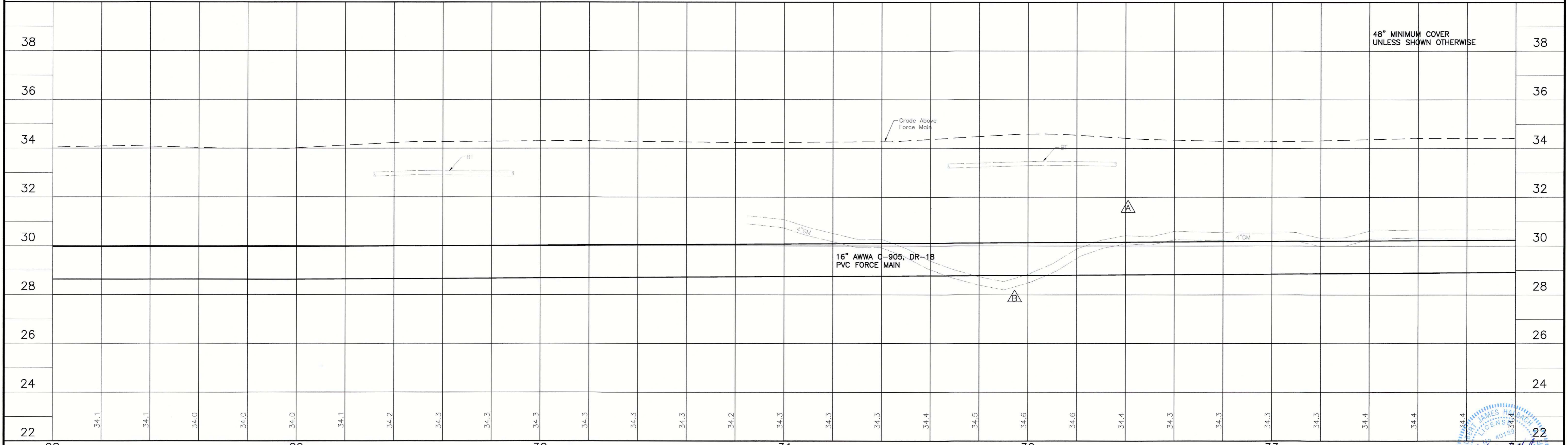
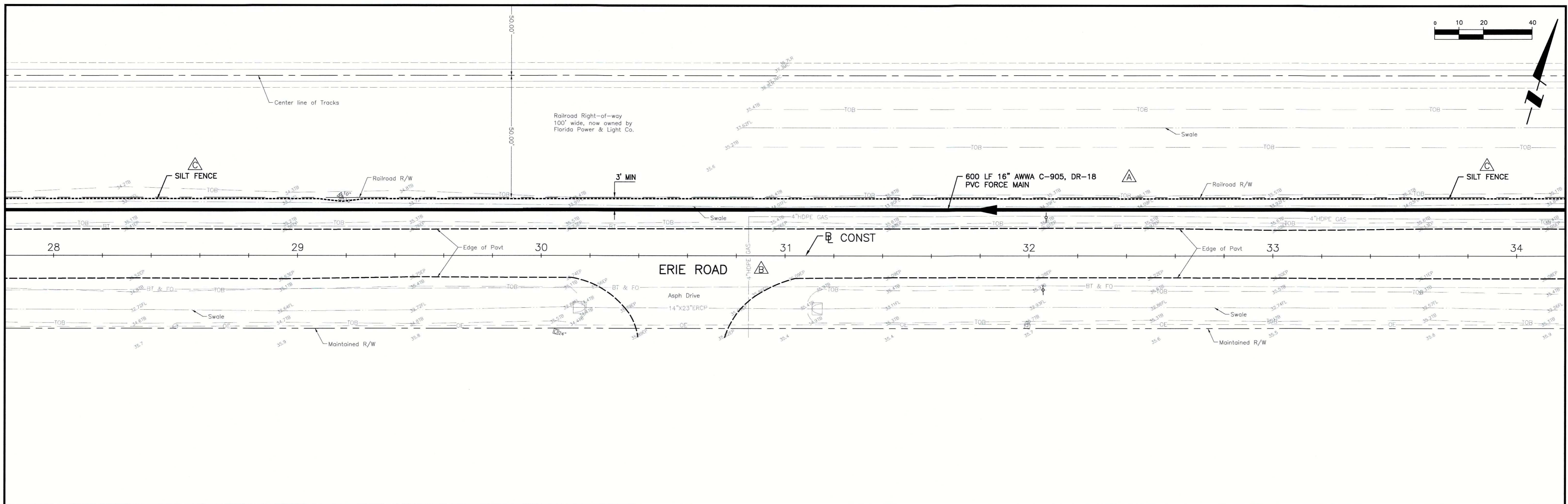
REV. NO.	REVISION	DATE	DESIGNED BY	CHECKED BY	DATE
D	UPDATE DESIGN/CODE UPDATES FOR REPERMITTING	08/13/15	KG		
C	ADD SILT FENCE	06/26/13	SRP		
A	REVISED PER MANATEE COUNTY COMMENTS DATED 5/06/08 & 1/13/09	1/22/09	SRP/1755		

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CLIENT: MANATEE COUNTY PUBLIC WORKS  
 PROJECT: VILLAGE OF PARRISH WASTEWATER FORCE MAIN

DATE: AUGUST 2015  
 HORIZONTAL SCALE: 1"=20'  
 VERTICAL SCALE: 1"=2'  
 TITLE: PLAN AND PROFILE ERIE RD STA 22+00 TO 28+00  
 PROJECT NUMBER: 177310561  
 SHEET NUMBER: 6 OF 30





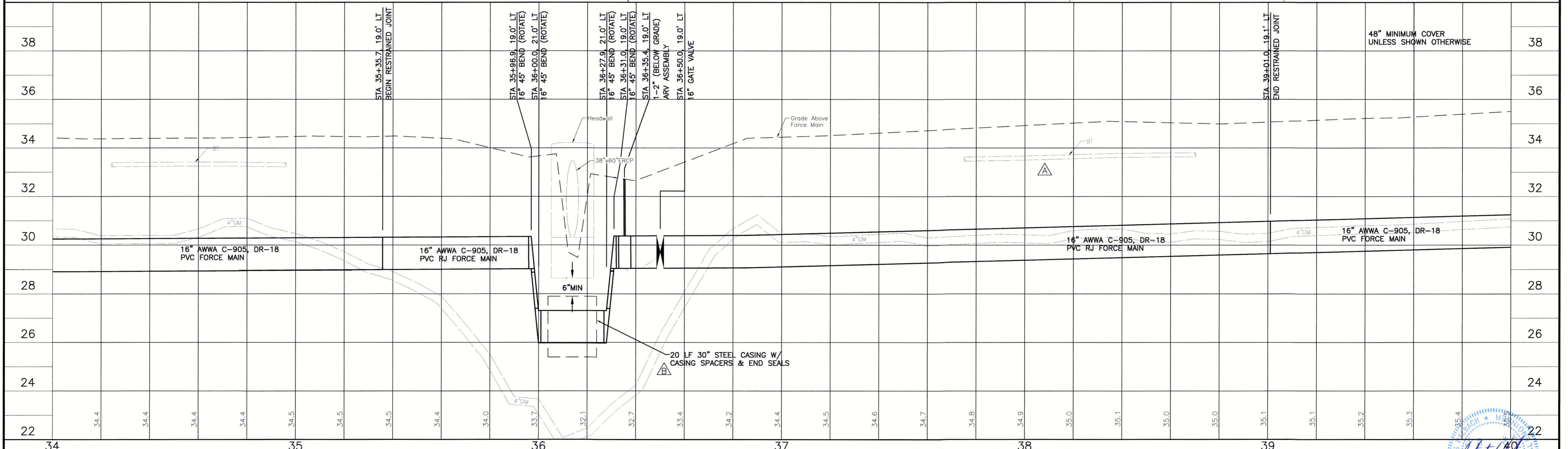
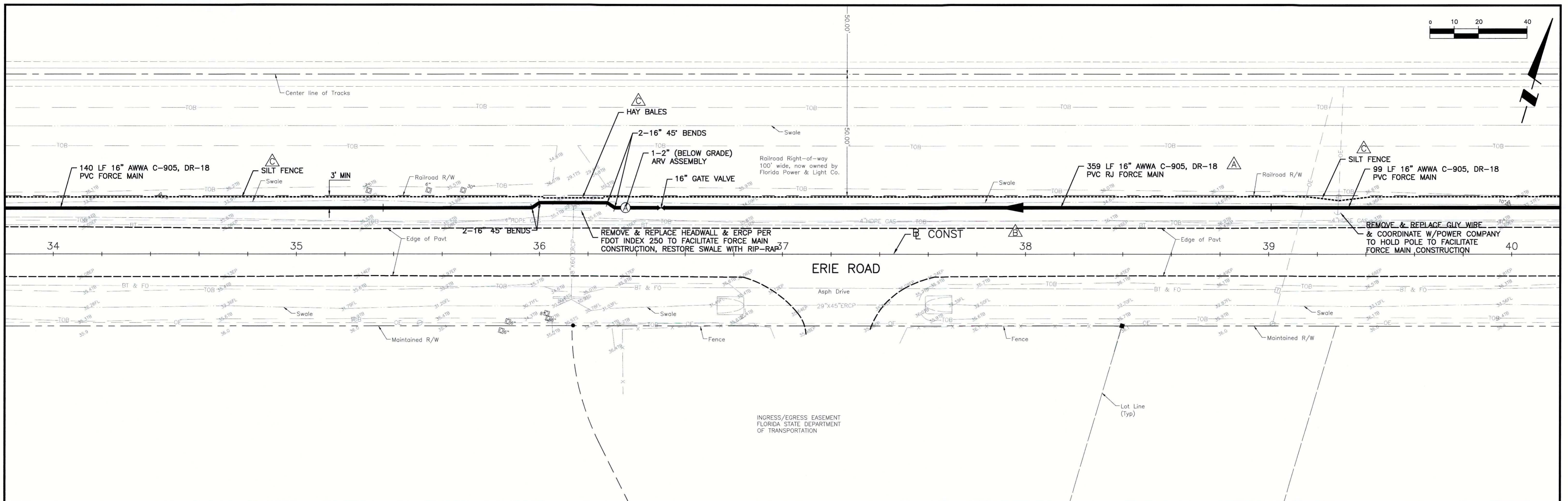
REV. NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.	WM APPROVED BY:
D	UPDATE DESIGN/CODE UPDATES FOR REPERMITTING	08/13/15	KG		
C	ADD SILT FENCE	06/26/13	SRP		
B	UPDATED PLANS TO INCLUDE TECO GAS MAIN AND COLLECTOR FORCE MAINS	7/01/10	SRP/1755		
A	REVISED PER MANATEE COUNTY COMMENTS DATED 5/06/08 & 1/13/09	1/22/09	SRP/1755		

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CLIENT: MANATEE COUNTY PUBLIC WORKS PROJECT: VILLAGE OF PARRISH WASTEWATER FORCE MAIN	DATE: AUGUST 2015 HORIZONTAL SCALE: 1"=20' VERTICAL SCALE: 1"=2' SHEET: 33 OF 19	TITLE: PLAN AND PROFILE ERIE RD STA 28+00 TO 34+00 PROJECT NUMBER: 177310561 SHEET NUMBER: 7 OF 30
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REV. NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.	WM APPROVED BY:
D	UPDATE DESIGN/CODE UPDATES FOR REPERMITTING	08/13/15	KG		
C	ADD SILT FENCE	06/26/13	SRP		
B	UPDATED PLANS TO INCLUDE TECO GAS MAIN AND COLLECTOR FORCE MAINS	7/01/10	SRP/1755		
A	REVISED PER MANATEE COUNTY COMMENTS DATED 5/06/08 & 1/13/09	1/22/09	SRP/1755		

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	RJH	JULY 2015
DRAWN BY:	KG	JULY 2015
CHECKED BY:	RJH	JULY 2015
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

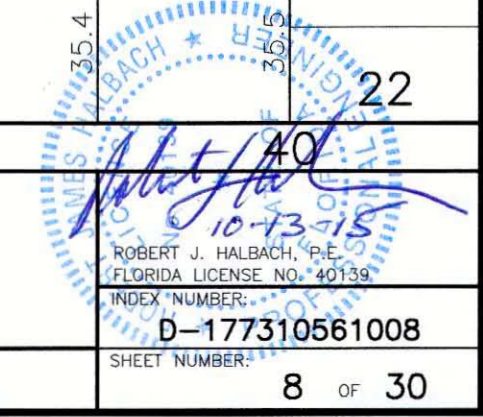


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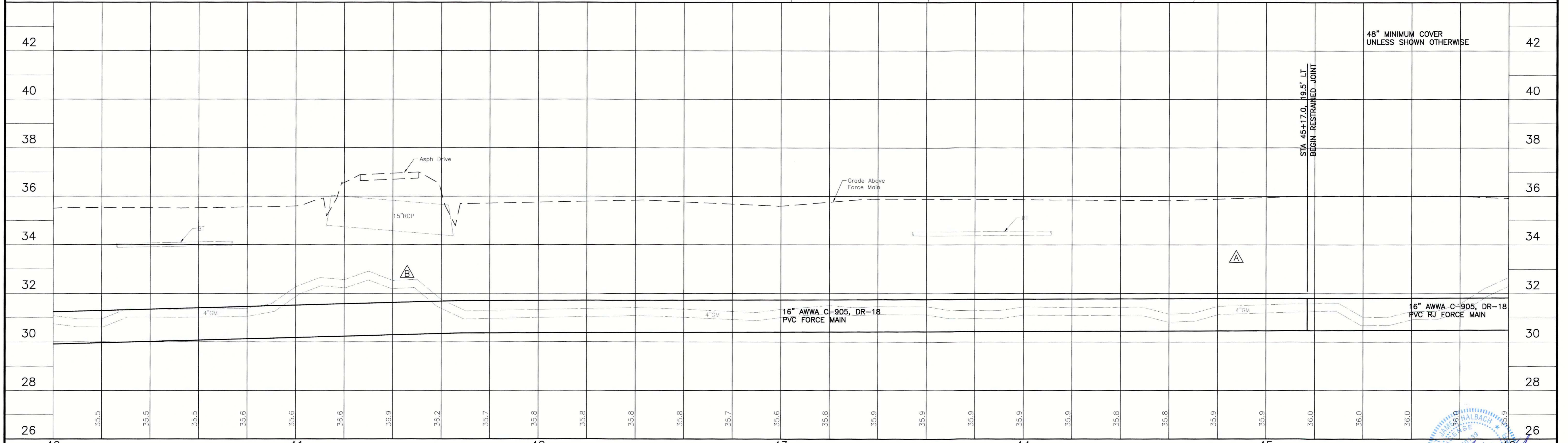
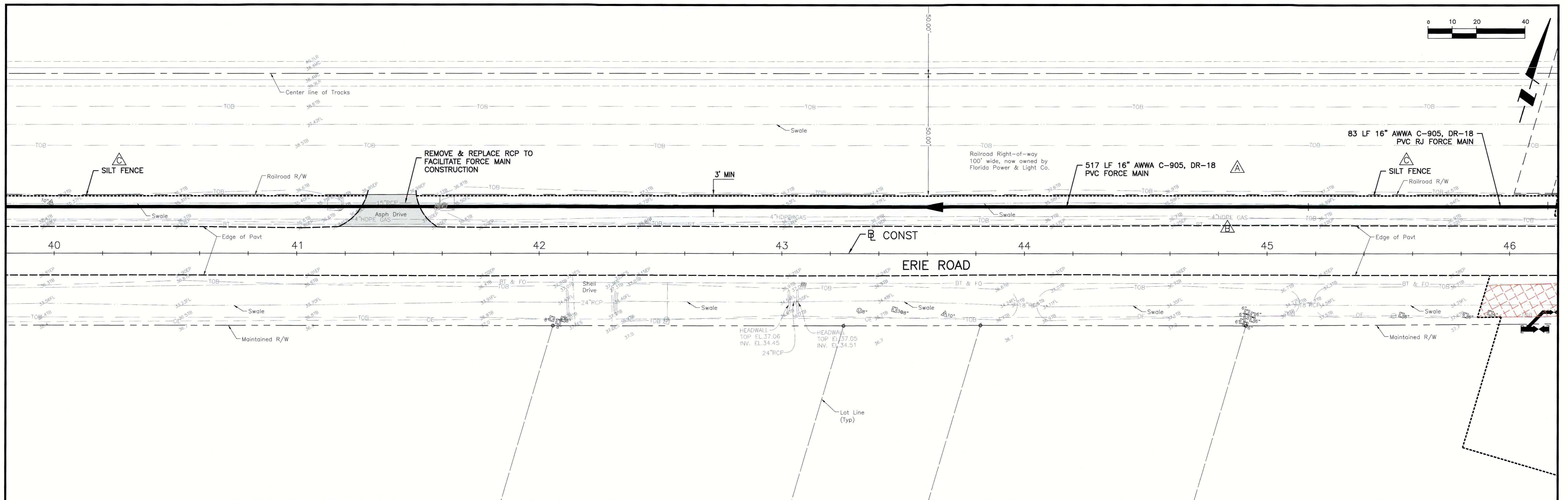
CLIENT: MANATEE COUNTY PUBLIC WORKS  
 PROJECT: VILLAGE OF PARRISH WASTEWATER FORCE MAIN

DATE: AUGUST 2015  
 HORIZONTAL SCALE: 1"=20'  
 VERTICAL SCALE: 1"=2'  
 SHEET NO. 33 OF 19

TITLE: PLAN AND PROFILE ERIE RD STA 34+00 TO 40+00  
 PROJECT NUMBER: 177310561  
 SHEET NUMBER: 8 OF 30







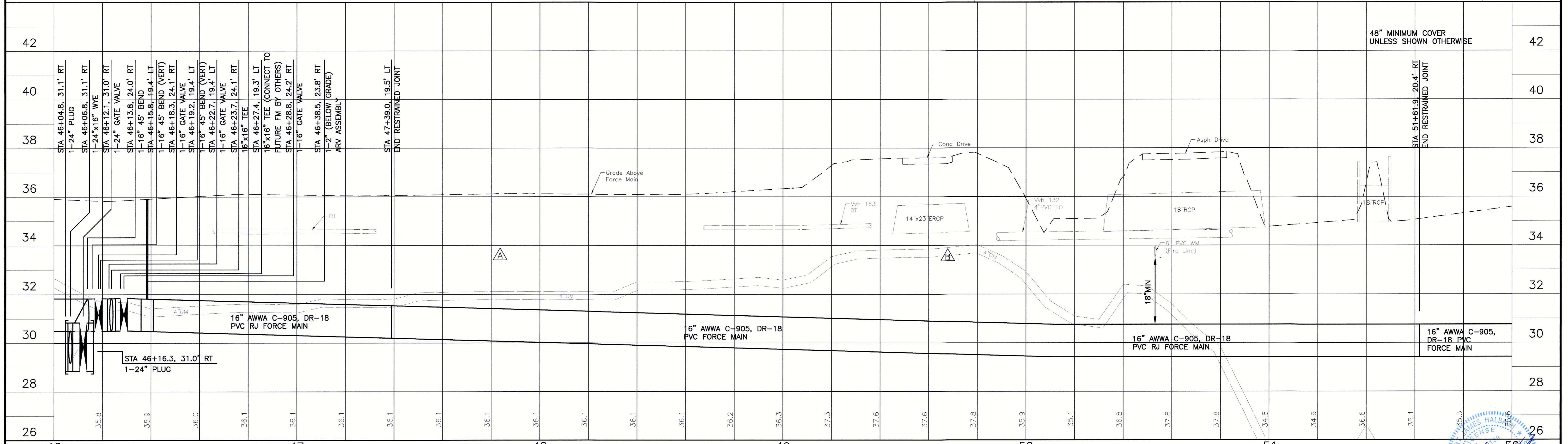
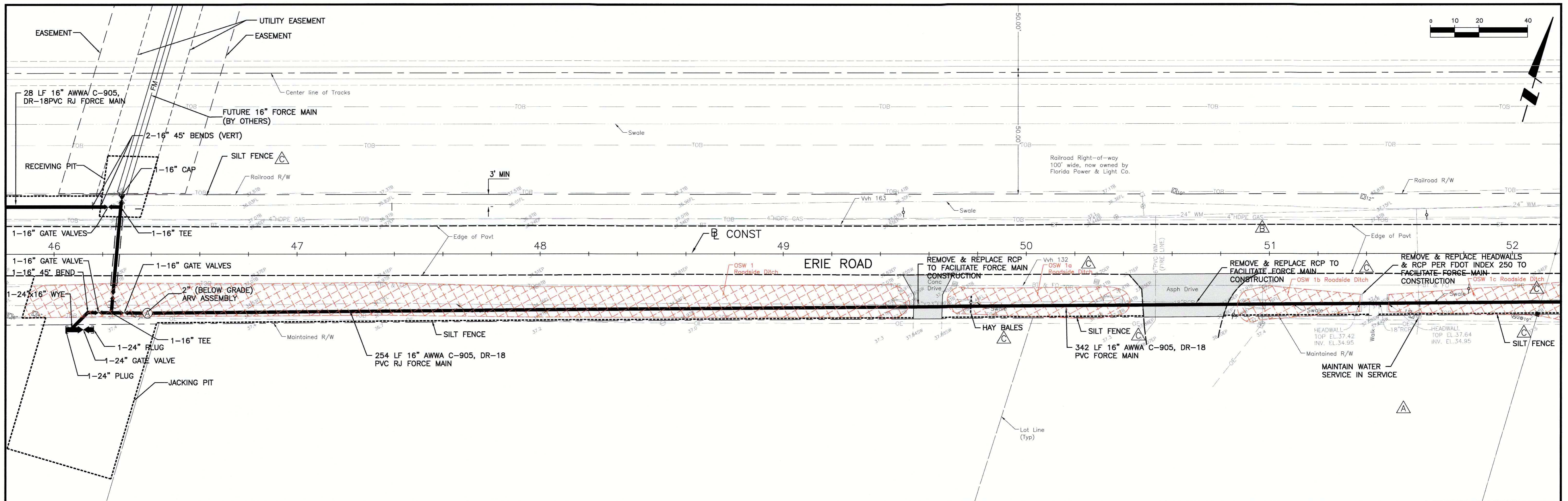
NO.	REVISION	DATE	BY	CHECKED	APPROVED
D	UPDATE DESIGN/CODE UPDATES FOR REPERMITTING	8/13/15	KG		
C	ADD SILT FENCE	06/26/13	SRP		
B	UPDATED PLANS TO INCLUDE TECO GAS MAIN AND COLLECTOR FORCE MAINS	7/01/10	SRP/1755		
A	REVISED PER MANATEE COUNTY COMMENTS DATED 5/06/08 & 1/13/09	1/22/09	SRP/1755		

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CLIENT: MANATEE COUNTY PUBLIC WORKS PROJECT: VILLAGE OF PARRISH WASTEWATER FORCE MAIN	DATE: AUGUST 2015 HORIZONTAL SCALE: 1"=20' VERTICAL SCALE: 1"=2' SHEET: 20 OF 30	TITLE: PLAN AND PROFILE ERIE RD STA 40+00 TO 46+00	PROJECT NUMBER: 177310561 SHEET NUMBER: 9 OF 30
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DATE	REVISION	BY	DESCRIPTION
08/13/15	D	KG	UPDATE DESIGN/CODE UPDATES FOR REPERMITTING
6/26/13	C	SRP	ADD OTHER SURFACE WATERS, ADD SILT FENCE
7/01/10	B	SRP/1755	UPDATED PLANS TO INCLUDE TECO GAS MAIN AND COLLECTOR FORCE MAINS
1/22/09	A	SRP/1755	REVISED PER MANATEE COUNTY COMMENTS DATED 5/06/08 & 1/13/09

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	RJH	JULY 2015
DRAWN BY:	KG	JULY 2015
CHECKED BY:	RJH	JULY 2015
CONTRACT ADMIN. BY:		
WM APPROVED BY:		



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CLIENT: MANATEE COUNTY PUBLIC WORKS  
 PROJECT: VILLAGE OF PARRISH WASTEWATER FORCE MAIN

DATE: AUGUST 2015  
 HORIZONTAL SCALE: 1"=20'  
 VERTICAL SCALE: 1"=2'

TITLE: PLAN AND PROFILE ERIE RD STA 46+00 TO 52+00  
 PROJECT NUMBER: 177310561  
 SHEET NUMBER: 10 OF 30

