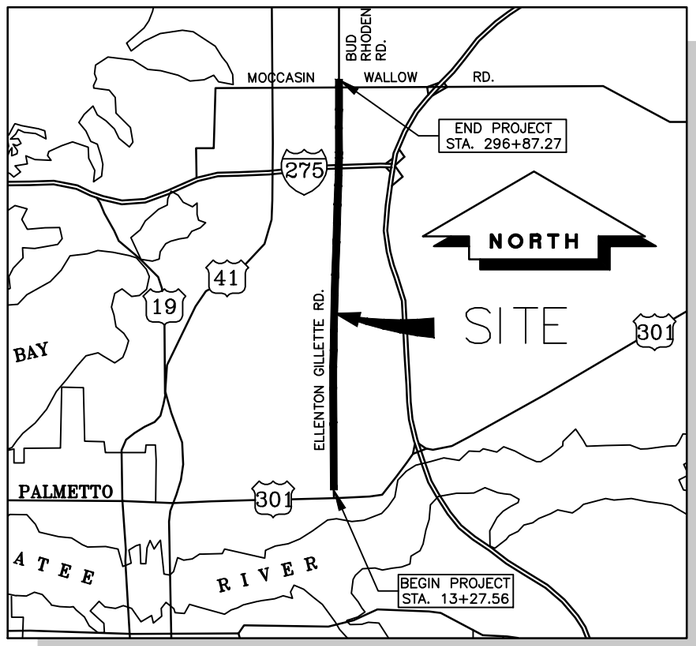
MANATEE COUNTY, FLORIDA

CONSTRUCTION PLANS

FOR

ELLENTON GILLETTE ROAD

COUNTY PROJECT NO. 6084560



LOCATION MAP

100% PLANS

INDEX

Sections 5, 8, 17, Twp. 34 S., Rge. 18 E.
Sections 17, 20, 29, 32, Twp. 33 S., Rge. 18 E.

DATE: APRIL, 2015

CLIENT: MANATEE COUNTY PUBLIC WORKS DEPT.

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 198 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

GENERAL

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE PROJECT MANAGEMENT DIVISION. THE PROJECT MANAGER IS: MICHAEL STURM P.E. AND CAN BE REACHED AT (941) 708–7450 EXT. 7332.
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. ALL STATIONS AND OFFSETS REFER TO BASELINE OF CONSTRUCTION, UNLESS OTHERWISE NOTED.
10. THE CONSTRUCTION LENGTHS IN THESE PLANS ARE APPROXIMATE. ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
11. SEPARATE PAYMENT SHALL BE MADE ONLY FOR THE ITEMS OF WORK LISTED AND IDENTIFIED BY APPROPRIATE PAY ITEM ON THE BID FORM. THE COST OF ANY RELATED WORK NOT SPECIFICALLY IDENTIFIED, BUT WHICH IS REQUIRED FOR SATISFACTORY COMPLETION OF THE WORK, SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT PRICE FOR THE APPROPRIATE BID ITEM.
12. THE CONTRACTOR SHALL HAVE A FOREMAN, OR RESPONSIBLE PARTY, ON SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED. ALL WORKERS ON THE JOB SITE WILL BE COURTEOUS TO THE PUBLIC AT ALL TIMES, AND SHALL REFER ANY QUESTIONS OR CONCERNS TO THE CONTRACTOR'S FOREMAN OR THE COUNTY INSPECTOR. THE FOREMAN SHALL SPEAK AND UNDERSTAND ENGLISH AND SHALL BE AVAILABLE AT ALL TIMES FOR TIMELY RESOLUTION OF PROJECT–RELATED ISSUES.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN CONTRACTOR AND ALL UTILITY AGENCIES. NOTE: THIS INCLUDES MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE–CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTORS CONSTRUCTION SCHEDULE. (REFERENCE CONTRACT DOCUMENTS)
14. ANY DAMAGE TO STATE, COUNTY, OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S HAULING OR EXCAVATION EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE COUNTY PROJECT MANAGER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
15. ALL CONSTRUCTION WITHIN FDOT RIGHT–OF–WAY IS TO BE IN ACCORDANCE WITH CURRENT FDOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION AND THE DESIGN STANDARDS.
16. ALL SIGNING, STRIPING AND RPM PLACEMENT WITHIN THE COUNTY RIGHT–OF–WAY IS TO BE IN ACCORDANCE WITH FDOT STANDARD INDEX 17344, 17346 AND 17347.

SAFETY

17. 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.
18. THE CONTRACTOR SHALL USE SHEET PILING, SHEETING, BRACING, ETC., AS REQUIRED IN ALL EXCAVATION AREAS AND CONFORM TO ALL OSHA REQUIREMENTS.
19. THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND UTILITIES, POWER LINES, ETC.
20. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THIS EXCLUSION DOES NOT ALLEVIATE THE CONTRACTOR FROM PROVIDING A CONTINUOUS SAFE WORKSPACE.

ENVIRONMENTAL

21. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. 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.
28. 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.
29. 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.
30. ALL EROSION AND POLLUTION CONTROL DEVICES SHALL BE CHECKED REGULARLY, ESPECIALLY AFTER EACH RAINFALL AND SHALL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED.
31. 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.
32. FOR MORE INFORMATION, SEE THE BEST MANAGEMENT PRACTICES DETAIL SHEET INCLUDED IN THE PLANS.

RIGHT–OF–WAY

33. ALL CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO WITHIN THE MANATEE COUNTY/FDOT RIGHT–OF–WAY AND/OR EASEMENTS SHOWN ON THE DRAWINGS.
34. 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.
35. 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.
36. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL DAMAGED STORM WATER STRUCTURES, PIPING, ENTRANCE PIPE AND EX. HWS, THAT ARE TO REMAIN, WHETHER SHOWN ON THE PLANS OR NOT.
37. 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. ROADWAY PLANS AND PROPOSED DESIGN ARE BASED ON TOPOGRAPHIC SURVEYS PROVIDED BY MANATEE COUNTY.
38. 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 PLAN. THE CONTRACTOR SHALL COORDINATE WITH THE AFFECTED UTILITY COMPANY FOR THE ADJUSTMENT OF ANY EXISTING UTILITIES AND STRUCTURES IN ORDER TO MATCH THE PROPOSED ELEVATIONS AND ALIGNMENTS.
39. 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

40. 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. UTILITIES DESIGNATED VV, VH, AND VVH ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED. EXTREME CAUTION SHALL BE EXERCISED WHEN WORKING NEAR THE 24" WATERLINE.
41. 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.
42. 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.
43. EXCEPT WHERE THE PLANS AND SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT. ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED, RELOCATED OR ADJUSTED BY THEIR OWNERS, AT THEIR EXPENSE. THE CONTRACTOR SHALL ARRANGE HIS SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES.
44. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL UTILITY COMPANIES FOR THE RELOCATION AND ADJUSTMENT OF ALL UTILITIES, INCLUDING, ANY EXISTING POWER POLES AND/OR UTILITY CONDUITS WITHIN RIGHT–OF–WAY.
45. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE APPROPRIATE PARTIES TO DETERMINE THE COUNTY'S FIBER COMMUNICATION NETWORK, KNOWN AS ATMS (COUNTY ISD, SCHOOL BOARD, AND TRAFFIC MANAGEMENT CENTER) IN THE AREA TO ACCOMMODATE ANY POTENTIAL CONFLICTS. AS–BUILT INFORMATION FOR EXISTING COMMUNICATION CONDUIT AND FIBER IS AVAILABLE FROM OLGA ROSIER, WITH UTILITY RECORDS (941–792–8811 EXT. 5059). CONSTRUCTION PLAN INFORMATION FOR PROJECTS UNDER CONSTRUCTION WITH THE COUNTY'S TRAFFIC MANAGEMENT CENTER ARE AVAILABLE AT WWW.MANATEEATMS.COM AND WWW.MANATEEATMS2.COM.

DRAINAGE AND GRADING

46. ALL CONSTRUCTION IS TO BE STAKED IN THE FIELD BY OR UNDER THE SUPERVISION OF A FLORIDA REGISTERED LAND SURVEYOR.
47. THE CONTRACTOR IS TO PROVIDE THE ENGINEER OF RECORD WITH REPRODUCIBLE RECORD DRAWINGS SHOWING ALL IMPROVEMENT LOCATIONS AND ELEVATIONS IN ACCORDANCE WITH LATEST MANATEE COUNTY TRANSPORTATION DEPARTMENT STANDARDS AND SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD) STANDARDS. THE CONTRACTOR SHALL ALSO PROVIDE FIVE SETS OF PRINTS, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR, OF THE RECORD DRAWINGS TO THE ENGINEER OF RECORD. THESE RECORD DRAWINGS SHALL BE CERTIFIED TO THE OWNER, APPROPRIATE GOVERNMENTAL AGENCIES. RECORD DRAWINGS SHALL SPECIFICALLY INCLUDE STORMWATER FACILITY LOCATIONS, INCLUDING TOP OF BANK, SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR AND REVIEWED BY THE ENGINEER OF RECORD PRIOR TO ACCEPTANCE AND PAYMENT.
48. TO PREVENT SEDIMENTARY RUNOFF DURING CONSTRUCTION, STAKED HAY BALES, STAKED SILT SCREENS OR INLET DEBRIS CONTROL SCREENS ARE TO BE PLACED AT STORM INLETS, OUTFALL LOCATIONS AND ADJACENT PROPERTY LINES AS REQUIRED PRIOR TO ANY CONSTRUCTION ACTIVITIES. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED AND THEN VERIFIED/INSPECTED BY MANATEE COUNTY INFRASTRUCTURE INSPECTIONS RESOURCES DIVISION (708–7450) PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SEDIMENTATION BARRIERS IN A WORKING MANNER FOR THE DURATION OF CONSTRUCTION AND SHOULD BE CHECKED DAILY. SILTATION ACCUMULATIONS GREATER THAN THE LESSER OF 12 INCHES OR ONE–HALF OF THE DEPTH OF THE SEDIMENTATION BARRIER SHALL BE IMMEDIATELY REMOVED AND REPLACED IN UPLAND AREAS. IN ADDITION TO SPECIFIED EROSION CONTROL LOCATIONS, THE CONTRACTOR SHALL PERFORM DAILY SITE INSPECTIONS FOR POTENTIAL EROSION PROBLEMS. IF PROBLEMS OCCUR, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING APPROPRIATE EROSION CONTROL IMMEDIATELY. AN INSPECTION LOG SHALL BE MAINTAINED AND AVAILABLE ONSITE AT ALL TIMES. STORMWATER TREATMENT FACILITIES INCLUDING OUTFALL PER DETAIL ARE TO BE CONSTRUCTED EARLY IN SITE DEVELOPMENT, WITH NO OFF– SITE UNTREATED RUN–OFF OCCURRING DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING TEMPORARY EROSION CONTROL DEVICES FOLLOWING COMPLETION OF ALL CONSTRUCTION AND FINAL STABILIZATION.
49. ALL PIPE LENGTHS SHOWN ON PLAN VIEW ARE TO THE END OF THE MITERED END SECTION. REFER TO MITERED END SECTION DETAIL FOR LENGTH OF PIPE TO BE INCLUDED IN PRICE FOR MITERED END SECTION.
50. REFER TO CONSTRUCTION TECHNICAL SPECIFICATIONS FOR COMPACTION REQUIREMENTS, GRASSING/SODDING REQUIREMENTS, AND PAVING CONSTRUCTION MATERIAL SPECIFICATIONS.
51. ALL FILL AREAS ARE TO BE CONSTRUCTED IN 12" MAXIMUM LIFTS.
52. ON SLOPES GREATER THAN 3:1 PEGGING OR PINNING OF SOD MAY BE REQUIRED.
53. STATION LOCATIONS AND OFFSETS FOR STORM DRAIN INLETS AND MANHOLES REFERENCE THE CENTER OF THE SPECIFIED STRUCTURE BOTTOM. STATION LOCATION IS CENTER OF STRUCTURE BOTTOM FOR JUNCTION BOXES, CENTER OF RISER FOR CURB INLETS. FOR PIPES WITH MITERED END SECTIONS, THE PROPOSED LENGTHS SHOWN ON THE PLANS INCLUDE THE LENGTH OF THE MITERED END SECTION. PAYMENT FOR PIPE SHALL NOT INCLUDE THE LENGTH OF THE MITERED END SECTION. AS SPECIFIED BY DIMENSION "F" AS SHOWN IN FDOT INDEX 272 AND 273. PAYMENT SHALL BE FROM INSIDE STRUCTURE WALL TO INSIDE STRUCTURE WALL. ANY EXTRA PIPE LENGTH LISTED SHALL BE CONSIDERED CONTINGENT.
54. ALL CURB INLET AND JUNCTION BOX STORMWATER STRUCTURES SHALL HAVE HEAVY DUTY RING AND COVER MANHOLE ACCESS
55. DURING DEWATERING OPERATIONS, THE CONTRACTOR SHALL NOT DISCHARGE DIRECTLY TO RECEIVING WATERS, EXISTING CONVEYANCES TO RECEIVING WATERS, OR WETLAND SYSTEMS. TEMPORARY SEDIMENT BASINS, TRAPS, OR SILTATION REDUCTION DEVICES SHALL BE UTILIZED TO COLLECT THE DISCHARGE FROM DEWATERING ACTIVITIES TO ELIMINATE THE POTENTIAL FOR OFFSITE SEDIMENT TRANSPORT AND TO ENSURE THAT DIRECT DISCHARGE DOES NOT OCCUR.

DESIGN SURVEY

56. TOPOGRAPHIC INFORMATION TAKEN FROM SURVEY DATA OBTAINED BY LF&K (OCT. 2013 – JAN. 2014)
57. RIGHTS–OF–WAY SHOWN HEREON ARE BASED ON FIELD LOCATIONS OF MONUMENTATION, PLATS, DEEDS OF RECORD AND MAINTAINED RIGHTS–OF–WAY AS IDENTIFIED BY MANATEE COUNTY PERSONNEL AND ARE SHOWN HEREON FOR INFORMATIONAL PURPOSES ONLY.
58. BEARINGS ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM – WEST ZONE NAD 83 (2011) AS DERIVED FROM OPUS CONTROL POINTS BBCG09 "COLUMBIA" AND BBCG30 "CONNECTICUT".
59. ELEVATIONS ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D. 1929). ORIGIN BENCHMARK IS MANATEE COUNTY BM. "COLUMBIA" WITH AN ELEVATION OF 11.61 N.A.V.D. 1988. CONVERSION TO ELEVATION 12.58 N.G.V.D. 1929 WAS DONE UTILIZING THE NATIONAL GEODETIC SURVEYS "VERTCOM" CONVERSION PROGRAM.

GENERAL NOTES
ELLENTON GILLETTE ROAD

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LEGEND

EXISTING

	BENCH MARK	x x	FENCE
21.85	ELEVATION	FM	FORCE MAIN
	GUY WIRE	S	SANITARY SEWER
	POWER POLE	W	WATERMAIN
	LIGHT POLE		STORM DRAIN
	TRAFFIC SIGNAL POLE		RAILROAD TRACKS
	GROUND LIGHT		EDGE OF CONCRETE
	SIGN		EDGE OF ROAD
	BACKFLOW PREVENTER		FLOW
	FIRE HYDRANT		TOP OF BANK
	WATER VALVE		PROPERTY LINE
	BURIED WATER VALVE		RIGHT OF WAY
WM	WATER METER		
A	AIR RELEASE VALVE	ABBREVIATIONS	
S	SANITARY SEWER MANHOLE		
T	TELEPHONE BOX	R/W	RIGHT OF WAY
C	CABLE BOX	S/W	SIDEWALK
EB	ELECTRIC BOX	CONC.	CONCRETE
EM	ELECTRIC METER	ASPH	ASPHALT
V	VERIZON	EX.	EXISTING
TR	TRANSFORMER	EP	EDGE OF PAVEMENT
W	WELL	BC	BACK OF CURB
	GRATE INLET		
	MITERED END SECTION		
6"	OAK TREE		
6"	PALM TREE		
6"	PINE TREE		

PROPOSED

	SIGN		STAKED SILT SCREEN
	GRATE INLET		FLOW
	MITERED END SECTION		STORM DRAIN

GENERAL NOTES
ELLENTON GILLETTE ROAD

REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN J.R.F. DATE 01/06/14
DRAWN P.G. SCALE AS SHOWN
APPR. J.R.F. JOB NO. 7865

SHEET NO. 3 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-GN.dwg, 10/16/2020 11:06:34 AM, cmitchell,
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SUMMARY OF PAY ITEMS

LINE	PAY ITEMS	DESCRIPTION	QTY	U/M
1.	101–1	MOBILIZATION	1	LS
2.	102–1–1	MAINTENANCE OF TRAFFIC (MOT)	1	LS
		SUBTOTAL MOBILIZATION AND MOT		
3.	104–10–3	STAKED SILT FENCE (TYPE III)	25,500	LF
4.	104–11	FLOATING TURBIDITY BARRIER	200	LF
5.	104–15	SOIL TRACKING PREVENTION DEVICE	4	EA
6.	110–1–1	CLEARING AND GRUBBING	22.65	AC
7.	120–1	REGULAR EXCAVATION	9,625	CY
8.	120–6	EMBANKMENT (REGULAR)	6,250	CY
9.	160–4	12" STABILIZED SUB–BASE	9,187	SY
10.	285–709	OPTIONAL BASE GROUP 9	8,798	SY
11.	327–70–1	MILLING EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)	80,000	SY
12.	334–1–13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)(12.5)(2")	1,960	TN
13.	337–7–42	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C)(FC 9.5 RUBBER)(1")	4,450	TN
14.	400–1–2	CLASS 1 CONCRETE (ENDWALLS), INCL. REINFORCING STEEL	33.2	CY
15.	425–1–MC	GRATE INLET	25	EA
16.	425–2–MC	GRATE INLET / THROAT INLET	12	EA
17.	425–3–MC	JUNCTION BOX	3	EA
18.	425–11–MC	GRATE INLET CONVERTED TO JUNCTION BOX	8	EA
19.	430–175–115	PIPE STORM SEWER CULVERT (RCP)(15")	1,656	LF
20.	430–175–118	PIPE STORM SEWER CULVERT (RCP)(18")	4,056	LF
21.	430–175–124	PIPE STORM SEWER CULVERT (RCP)(24")	941	LF
22.	430–175–130	PIPE STORM SEWER CULVERT (RCP)(30")	56	LF
23.	430–175–136	PIPE STORM SEWER CULVERT (RCP)(36")	50	LF
24.	430–175–218	PIPE STORM SEWER CULVERT (ERCP)(14"x23")	220	LF
25.	430–984–123	MES (ROUND)(15" SD)	36	EA
26.	430–984–125	MES (ROUND)(18" SD)	69	EA
27.	430–984–129	MES (ROUND)(24" SD)	15	EA
28.	430–984–625	MES (ELLIP/ARCH)(18" SD)	6	EA
29.	520–1–10	TYPE F CURB & GUTTER	665	LF
30.	522–1	4" CONCRETE SIDEWALK	27	SY
31.	522–2	6" CONCRETE SIDEWALK, REINFORCED DRIVEWAY	3,685	SY
32.	527–2	DETECTABLE WARNINGS ON WALKING SURFACES	6	EA
33.	530–3–4	RIP–RAP (RUBBLE)(DITCH LINING)	25	TN
34.	908–104–1	CONTRACTOR'S SEDIMENT AND EROSION CONTROL	1	LS
		SUBTOTAL ROADWAY		
35.	700–20–11	SINGLE POST SIGN, (F&I)(LESS THAN 12)	4	AS
36.	700–20–40	SINGLE POST SIGN (RELOCATE)	11	EA
37.	706–3	RETRO REFLECTIVE PAVEMENT MARKERS	736	EA
38.	710–30	PAINTED PAVEMENT MARKINGS, STD, YELLOW, ISLAND NOSE	60	SF
39.	710–11–180	THERMOPLASTIC, PAVEMENT MARKINGS	15	LF
40.	711–11–121	THERMOPLASTIC, STD, WHITE, SOLID, 6"	9.95	GM
41.	711–11–123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	315	LF
42.	711–11–125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	280	LF
43.	711–11–151	THERMOPLASTIC, STD, WHITE, SKIP, 6", 2–4	211	LF
44.	711–11–224	THERMOPLASTIC, STD, YELLOW, SOLID, 18"	980	LF
45.	711–11–231	THERMOPLASTIC, STD, YELLOW, SKIP, 6", 10–30	2.152	GM
46.	711–11–251	THERMOPLASTIC, STD, YELLOW, SKIP, 6", 6–10	495	LF

SUMMARY OF PAY ITEMS

LINE	PAY ITEMS	DESCRIPTION	QTY	U/M
47.	711–11–160	THERMOPLASTIC, STD, WHITE, MESSAGE	3	EA
48.	711–11–170	THERMOPLASTIC, STD, WHITE, ARROW	43	EA
49.	711–11–211	THERMOPLASTIC, STD, YELLOW, SOLID, 6"	7.421	GM
		SUBTOTAL SIGNING AND STRIPING		
50.	570–1–2	SODDING (PERFORMANCE TURF, BAHIA)(INCLUDES MOWING)	110,000	SY
		SUBTOTAL LANDSCAPING		
51.	U–1	ADJUST VALVE BOXES	20	EA
52.	U–2	12" PVC WATER MAIN	1,291	LF
53.	U–3	12" PVC WATER MAIN RESTRAINED JOINT	924	LF
54.	U–4	8" PVC WATER MAIN RESTRAINED JOINT	20	LF
55.	U–5	6" PVC WATER MAIN RESTRAINED JOINT	20	LF
56.	U–6	12" DIP WATER MAIN	255	LF
57.	U–7	12" DIP WATER MAIN RESTRAINED JOINT	111	LF
58.	U–8	12" GATE VALVE	4	EA
59.	U–9	8" GATE VALVE	2	EA
60.	U–10	6" GATE VALVE	1	EA
61.	U–11	12" 45° BENDS	4	EA
62.	U–12	6" 45° BENDS	2	EA
63.	U–13	12"x12"x6" TEE	4	EA
64.	U–14	8"x12" CROSS	1	EA
65.	U–15	FIRE HYDRANT ASS. (INCL. 6" GATE VALVE)	3	EA
66.	U–16	RESET WATER METER	8	EA
67.	U–17	1" WATER SERVICES	11	EA
68.	U–18	TIE TO EXISTING MAIN	4	EA
69.	U–19	RESET FIRE HYDRANTS	20	EA
70.	U–20	GROUT 12" WATERLINE	2,300	LF
		SUBTOTAL WATER DISTRIBUTION		
		SUBTOTAL BID PRICE		
		CONTINGENCY 15%		
		BID PRICE INCLUDING CONTINGENCY		

NOTE: SIGNING AND MARKING DURING CONSTRUCTION TO BE PAID FOR UNDER PAY ITEM 102–1 MAINTENANCE OF TRAFFIC.

SUMMARY OF PAY ITEMS
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
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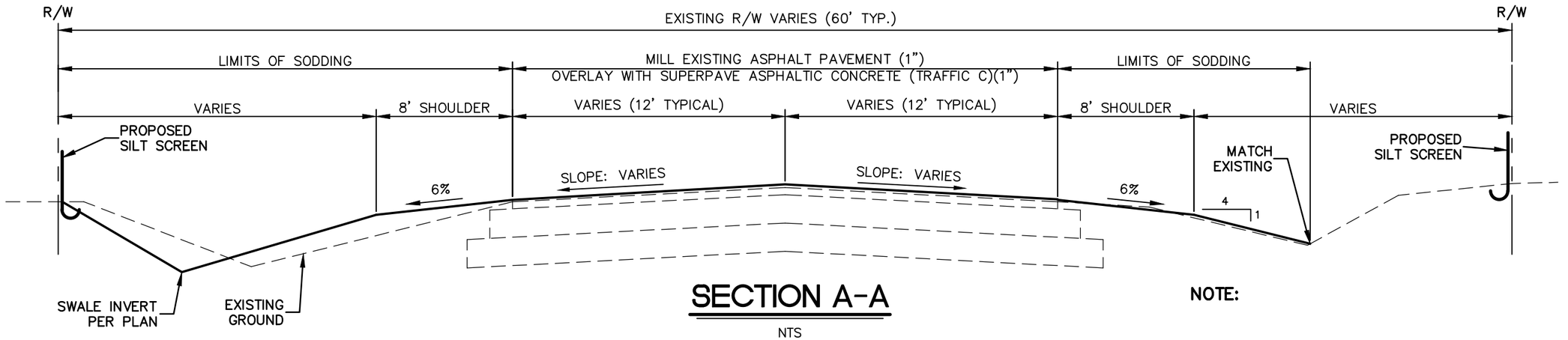
DESIGN J.R.F. DATE 03/03/14
DRAWN P.G. SCALE NONE
APPR. J.R.F. JOB NO. 7865

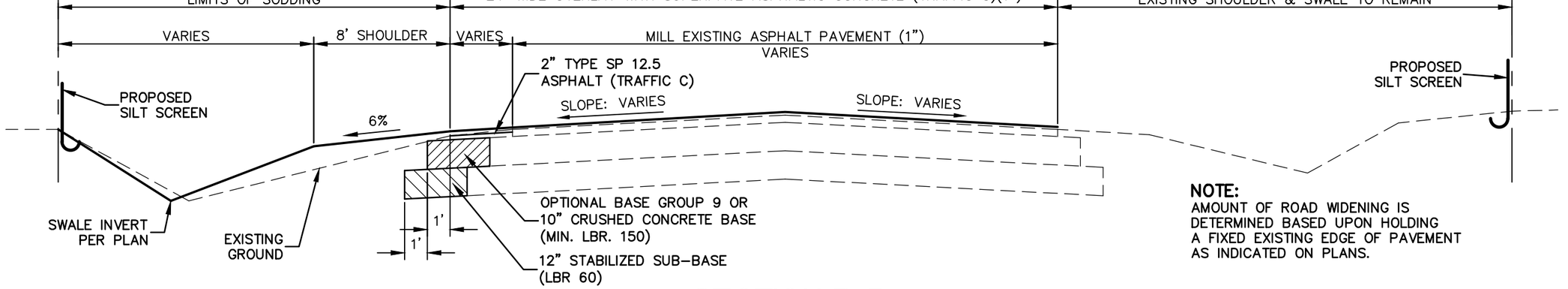
SHEET NO. 4 / 174



SECTION A-A

NTS

NOTE:



SECTION B-B

NTS

NOTE:
AMOUNT OF ROAD WIDENING IS DETERMINED BASED UPON HOLDING A FIXED EXISTING EDGE OF PAVEMENT AS INDICATED ON PLANS.

GENERAL NOTES:

1. SEE CROSS SECTIONS FOR DETERMINATION OF WHERE SHOULDER AND DITCH CONSTRUCTION IS REQUIRED.
2. EVERY CONSTRUCTION CONDITION IS NOT SHOWN IN THESE SECTIONS. SEE SPECIFIC CROSS SECTION AT EACH STATION FOR WORK REQUIRED.

TYPICAL SECTIONS
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
JOHN R. FOLEY
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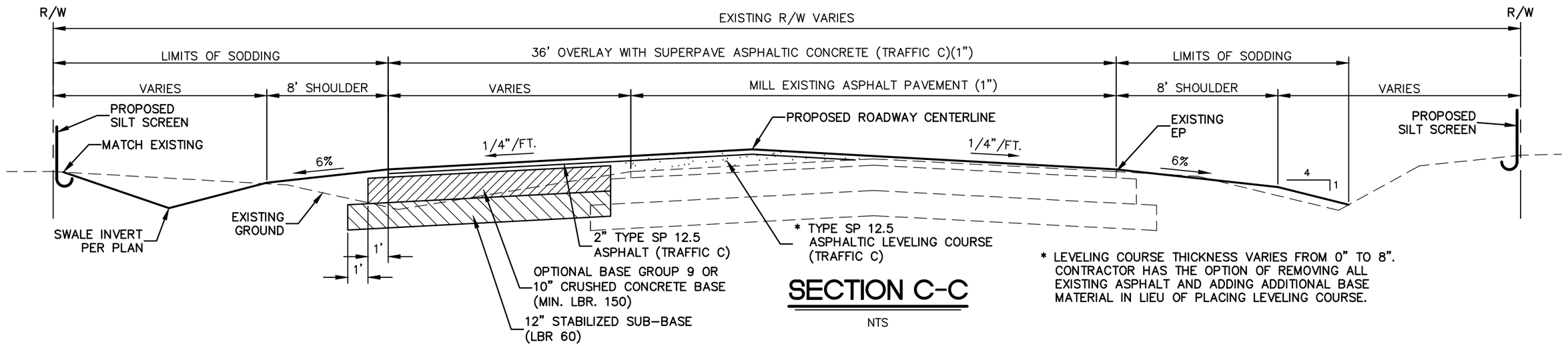
P.E. REG. NO.

DESIGN JRF. DATE 01/06/14
DRAWN P.G. SCALE AS SHOWN
APPR. JRF. JOB NO. 7865

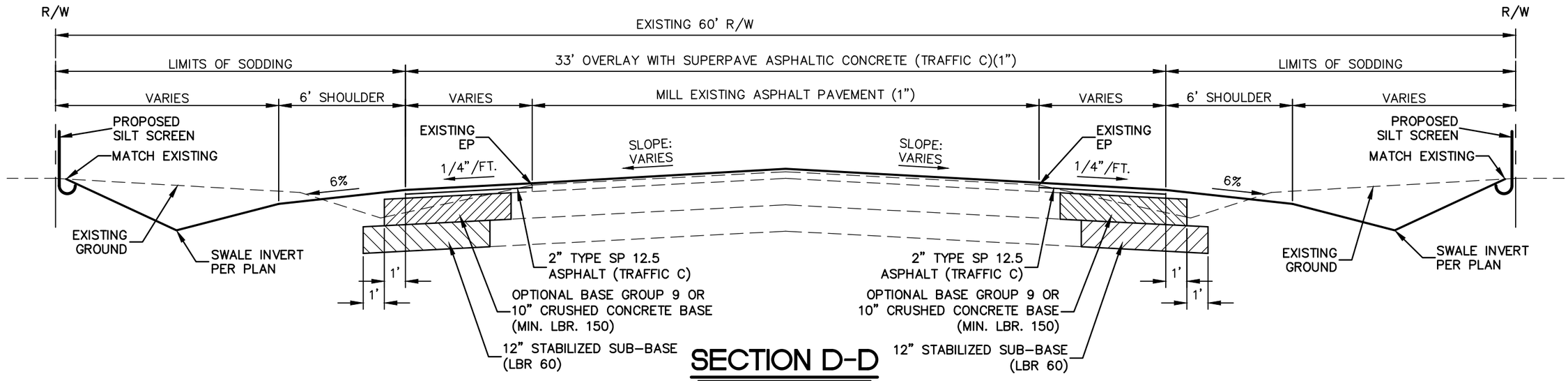
SHEET NO. 5 / 174



SECTION C-C

NTS

* LEVELING COURSE THICKNESS VARIES FROM 0" TO 8". CONTRACTOR HAS THE OPTION OF REMOVING ALL EXISTING ASPHALT AND ADDING ADDITIONAL BASE MATERIAL IN LIEU OF PLACING LEVELING COURSE.



SECTION D-D

FOR MENDOZA ROAD ONLY
NTS

GENERAL NOTES:

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TYPICAL SECTIONS
ELLENTON GILLETTE ROAD

REVISIONS

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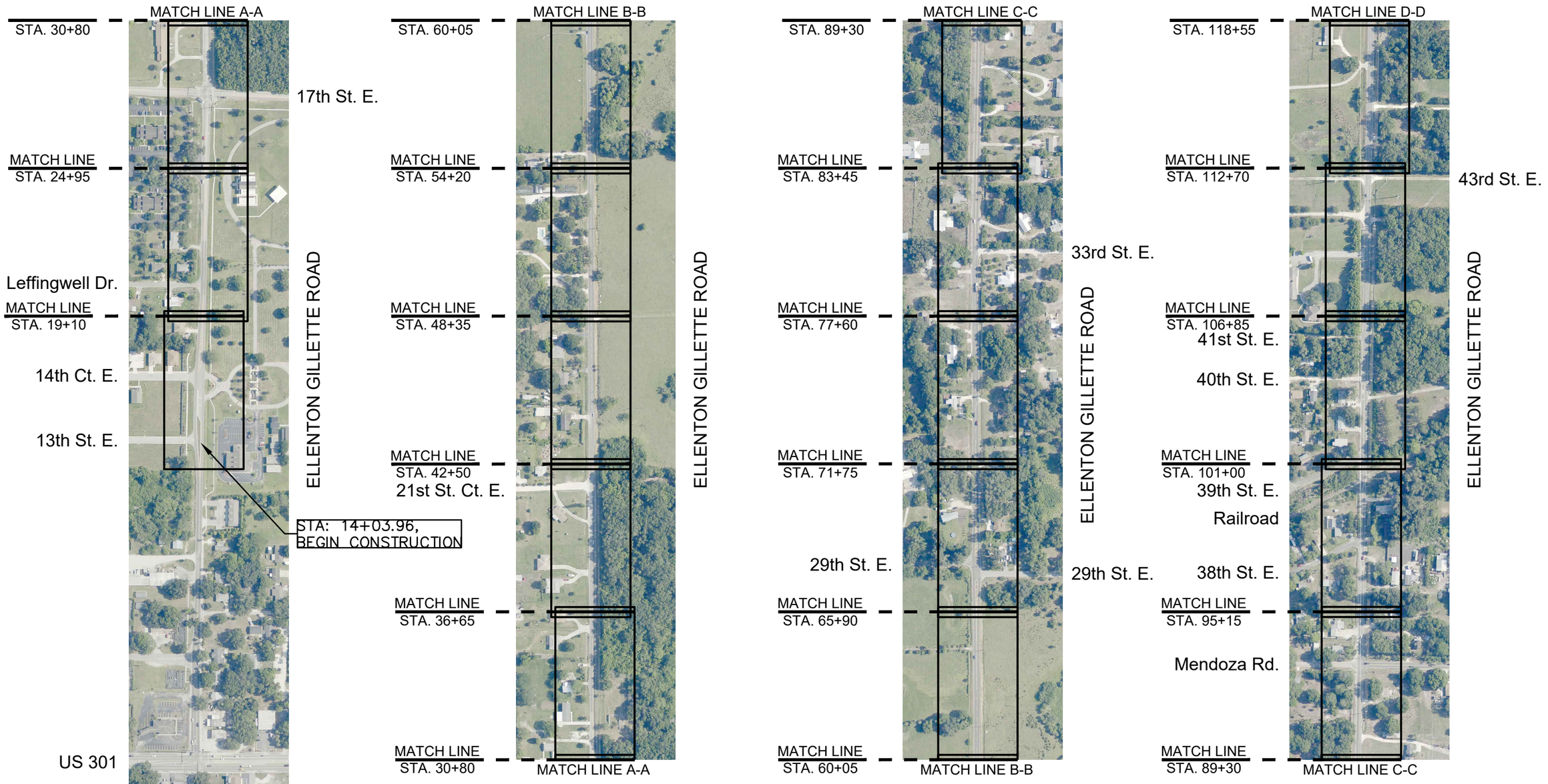
SHEET NO. 6 / 174



NORTH

KEY MAP

ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
JOHN R. FOLEY
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P.E. REG. NO.

DESIGN JRF. DATE 03/01/14
DRAWN P.G. SCALE 1"=400'
APPR. JRF. JOB NO. 7865

SHEET NO. 7 / 174

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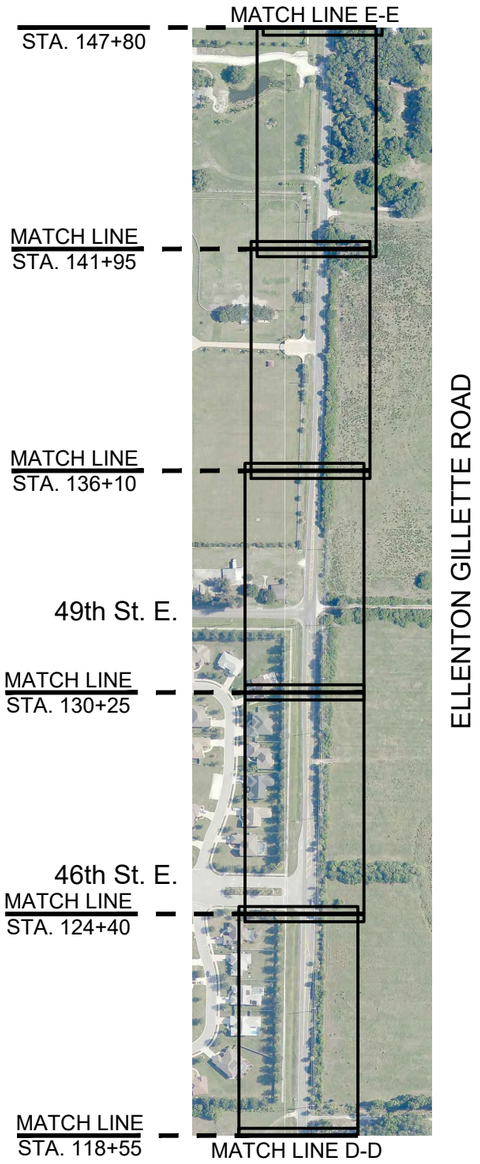

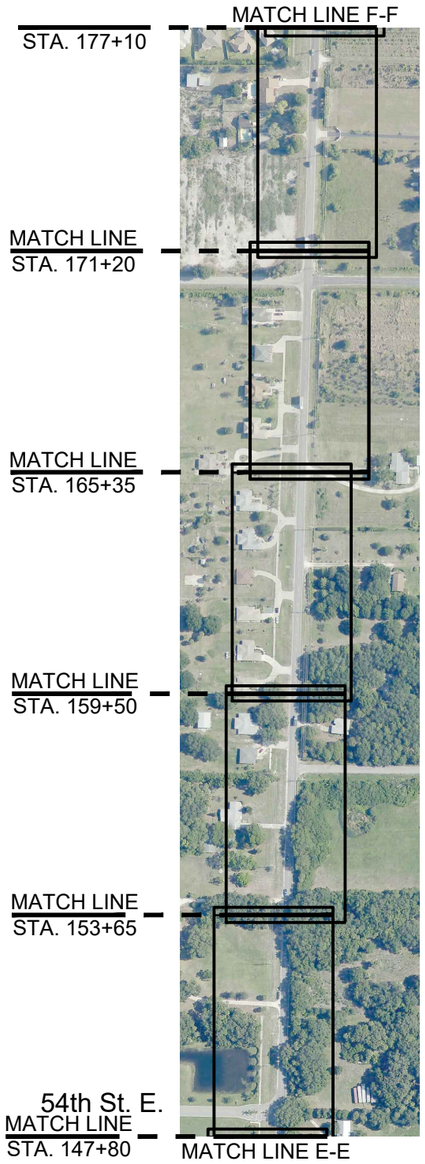

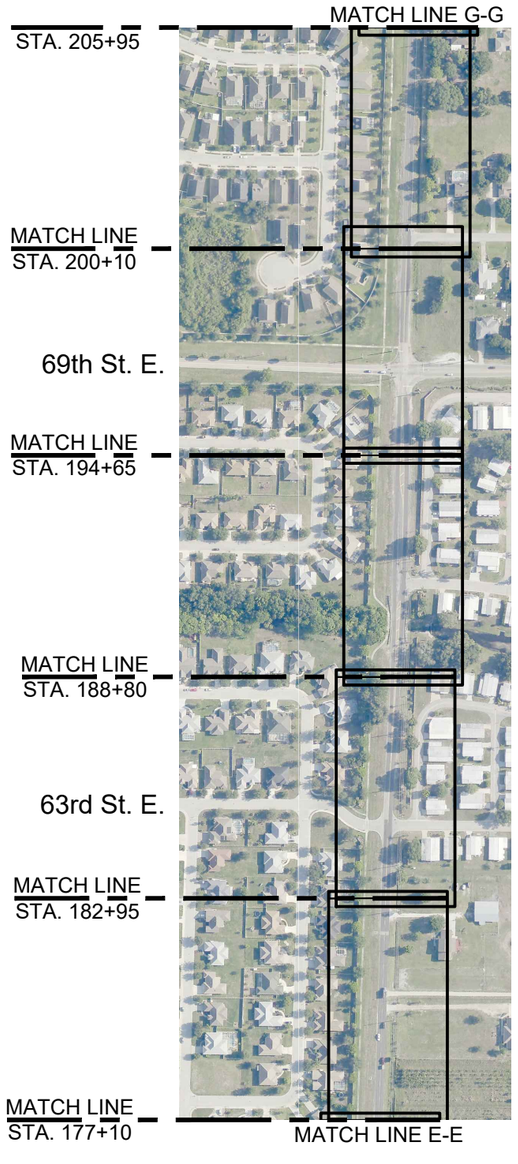

KEY MAP

ELLENTON GILLETTE ROAD

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PROJECT ENGINEER

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P.E. REG. NO.

DESIGN JRF. DATE 03/01/14

DRAWN P.G. SCALE 1"=500'

APPR. JRF. JOB NO. 7865

SHEET NO. 8 / 174

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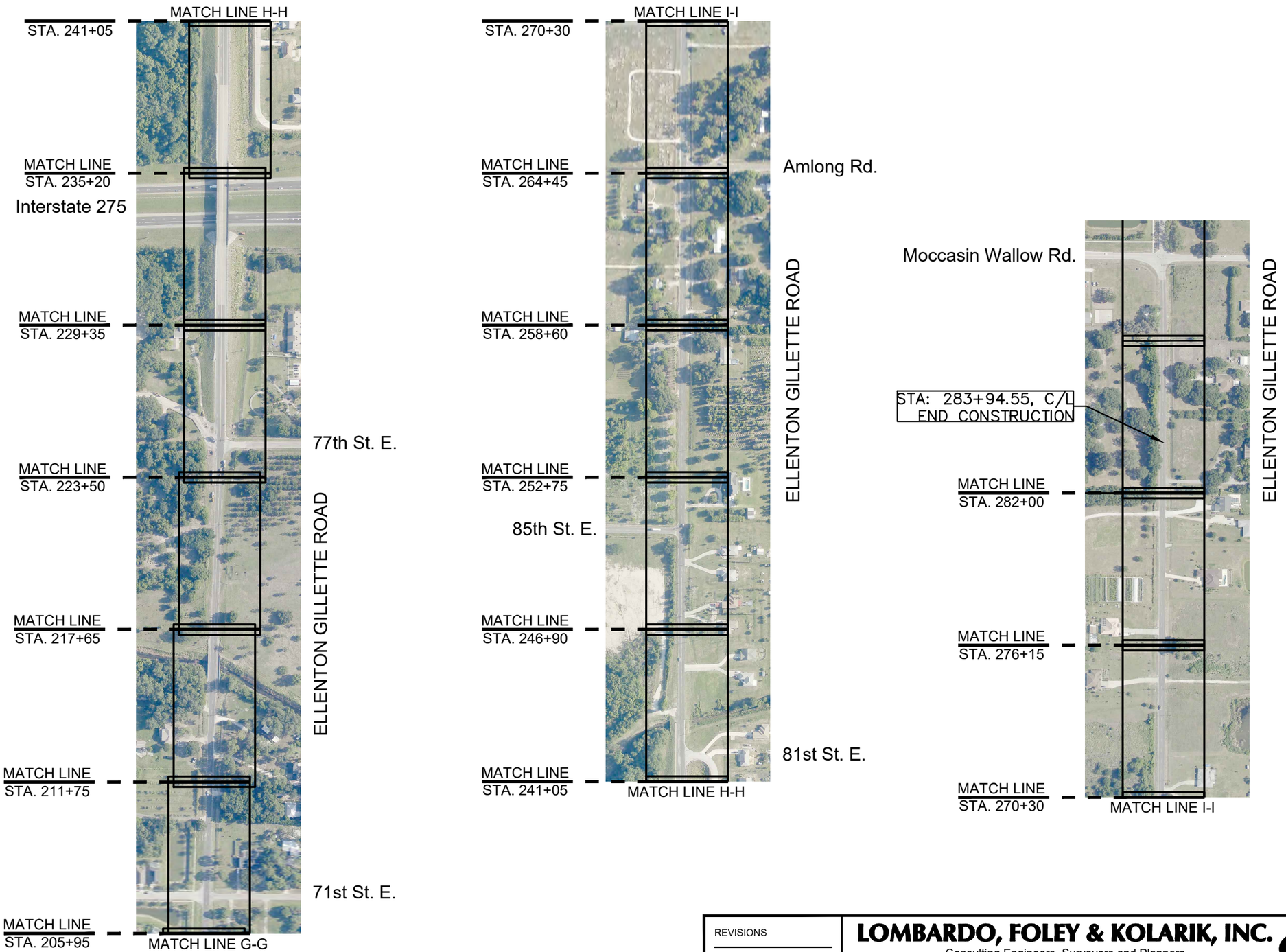

NORTH

KEY MAP

ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
JOHN R. FOLEY
38630
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DESIGN JRF. DATE 13/01/14
DRAWN P.G. SCALE 1"=500'
APPR. JRF. JOB NO. 7865

SHEET NO. 9 / 174

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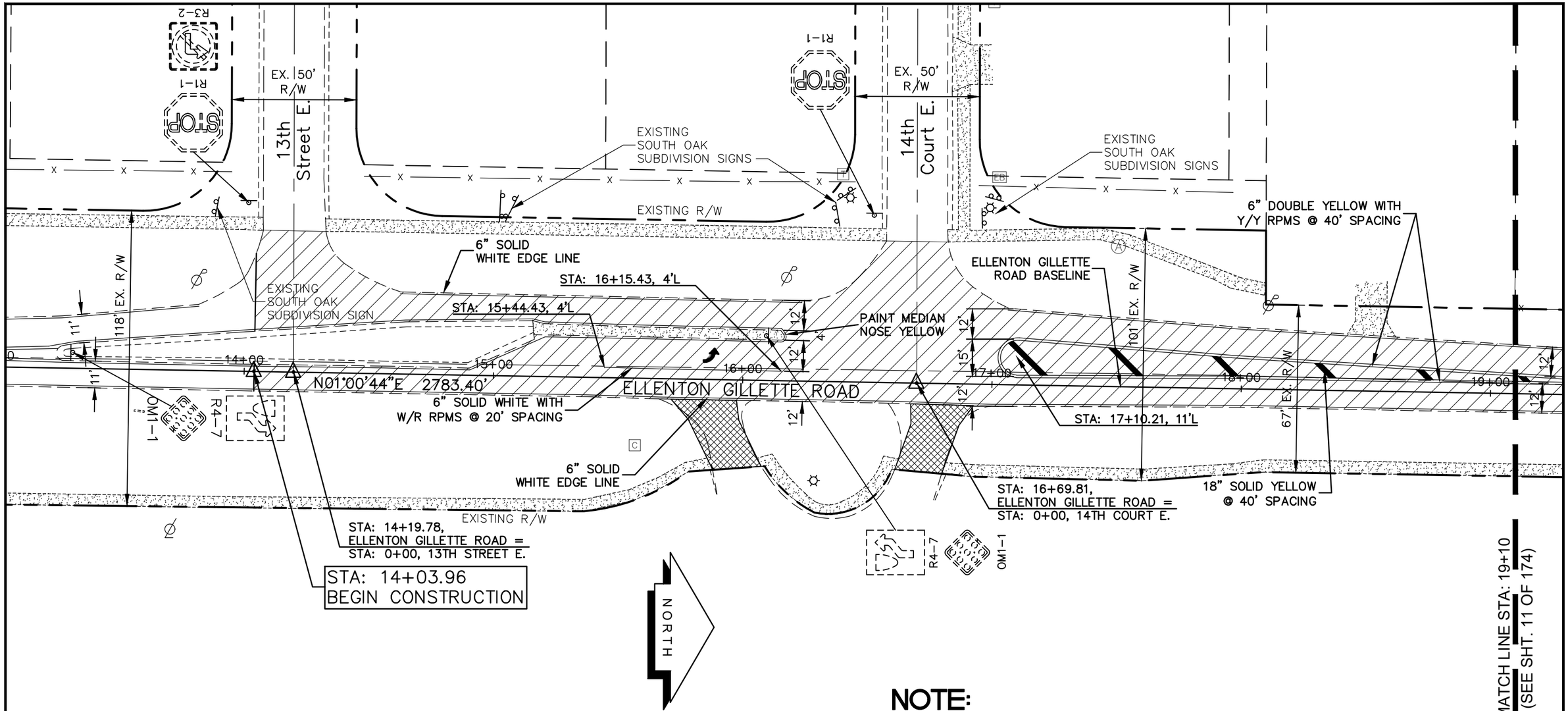

MATCH LINE STA: 19+10
(SEE SHT. 11 OF 174)

NOTE:

1. ALL SIGNAGE SHALL MEET MUTCD RETRO REFLECTIVITY STANDARDS.
2. ALL STRIPING AND PAVEMENT ARROWS TO BE PLACED IN ACCORDANCE WITH FDOT STANDARD INDEX 17346.
3. ALL REFLECTIVE PAVEMENT MARKERS TO BE PLACED IN ACCORDANCE WITH FDOT STANDARD INDEX 17352.
4. ELLENTON GILLETTE RD. TO BE A MINIMUM OF 24' WIDE ALONG ITS ENTIRE LENGTH AFTER CONSTRUCTION. THE LIMITS OF ALL WIDENING ARE NOTED ON THE PLANS. ALL WIDENING WIDTHS SHOWN ARE FROM THE EXISTING EDGE OF PAVEMENT ON THE OPPOSITE SIDE OF ROAD.

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
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DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
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SHEET NO. 10 / 174

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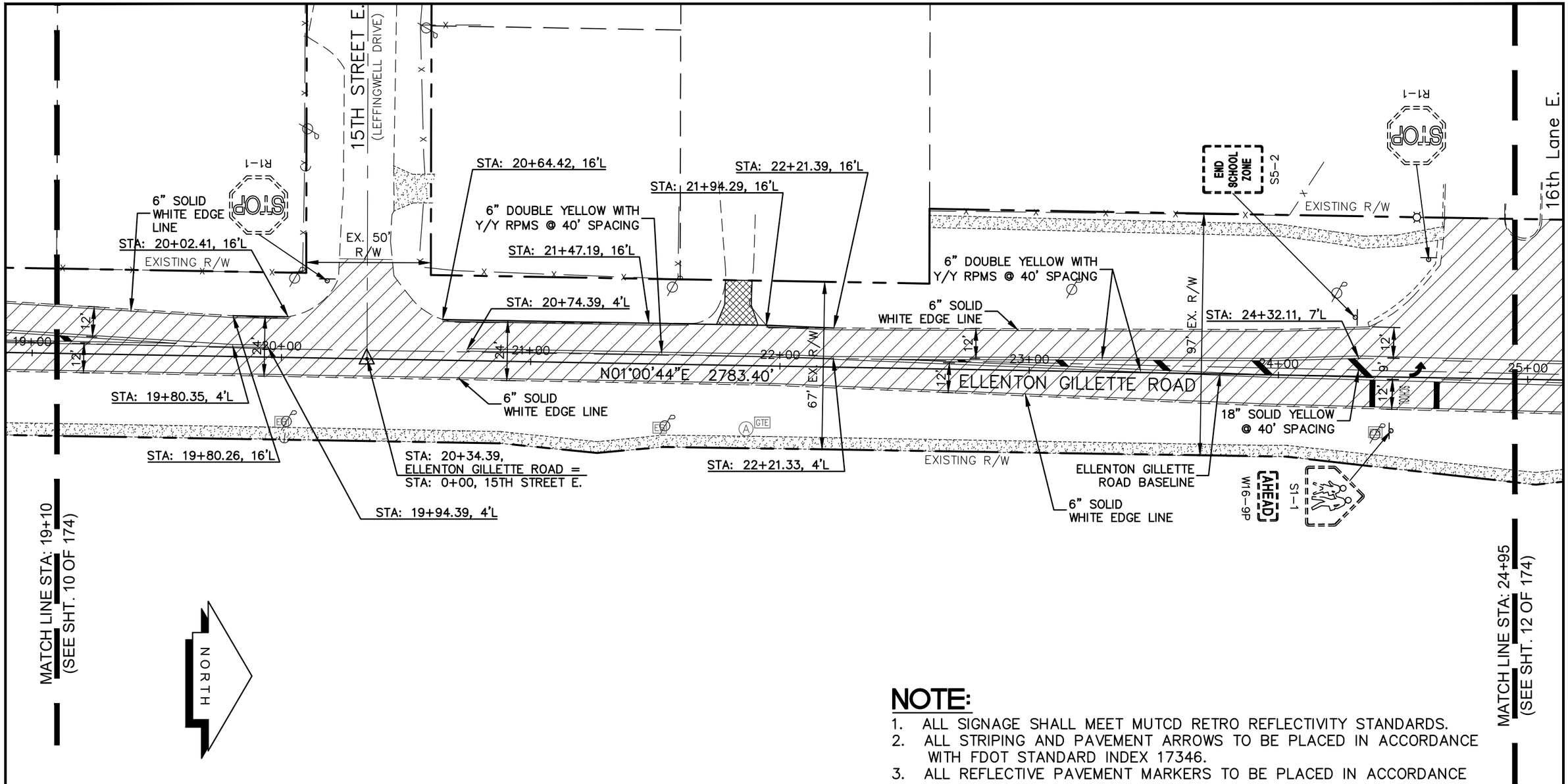

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

NOTE:

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DRAWN P.G. SCALE 1"=40'
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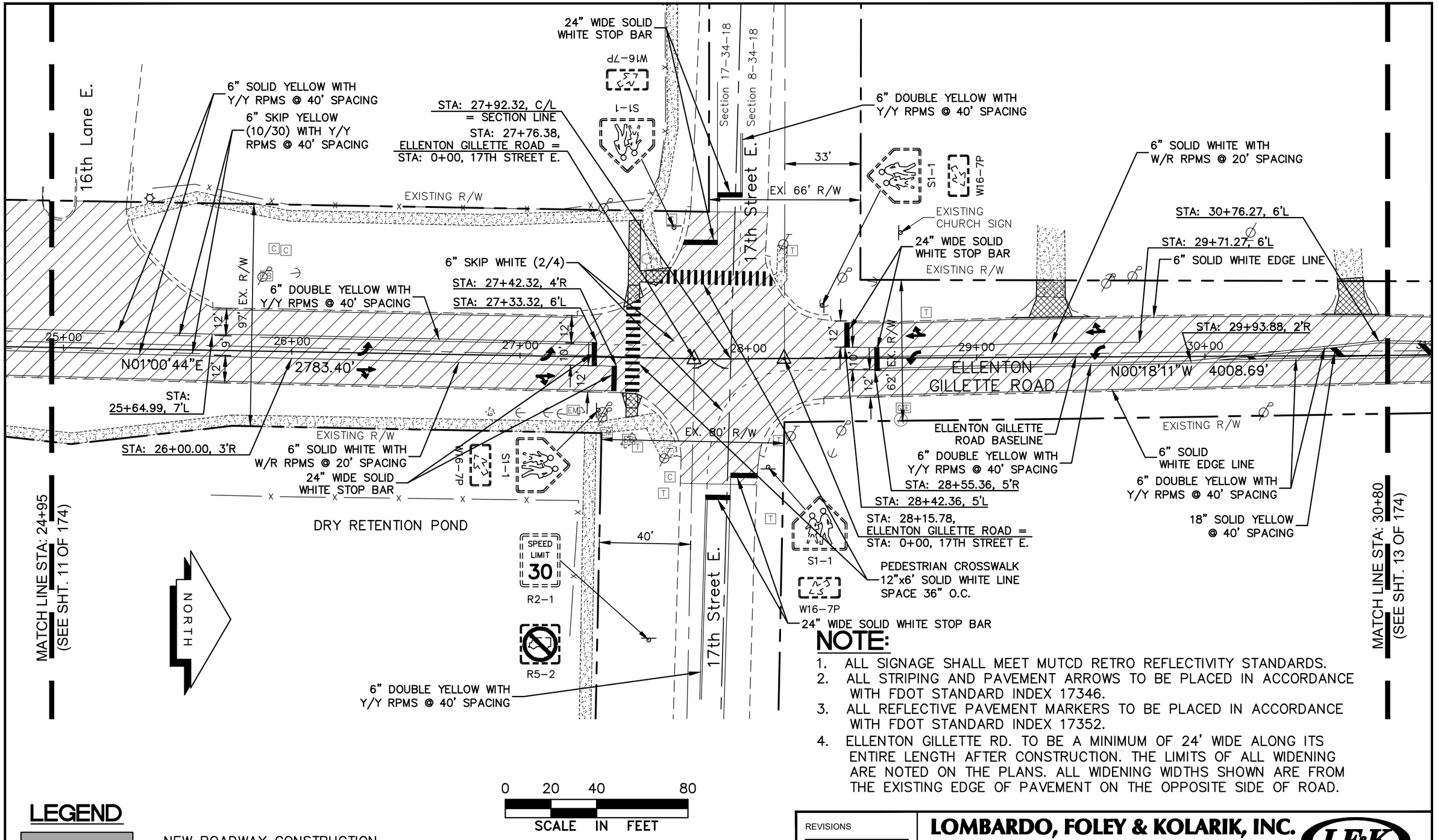
SHEET NO. 11 / 174



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- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
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SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

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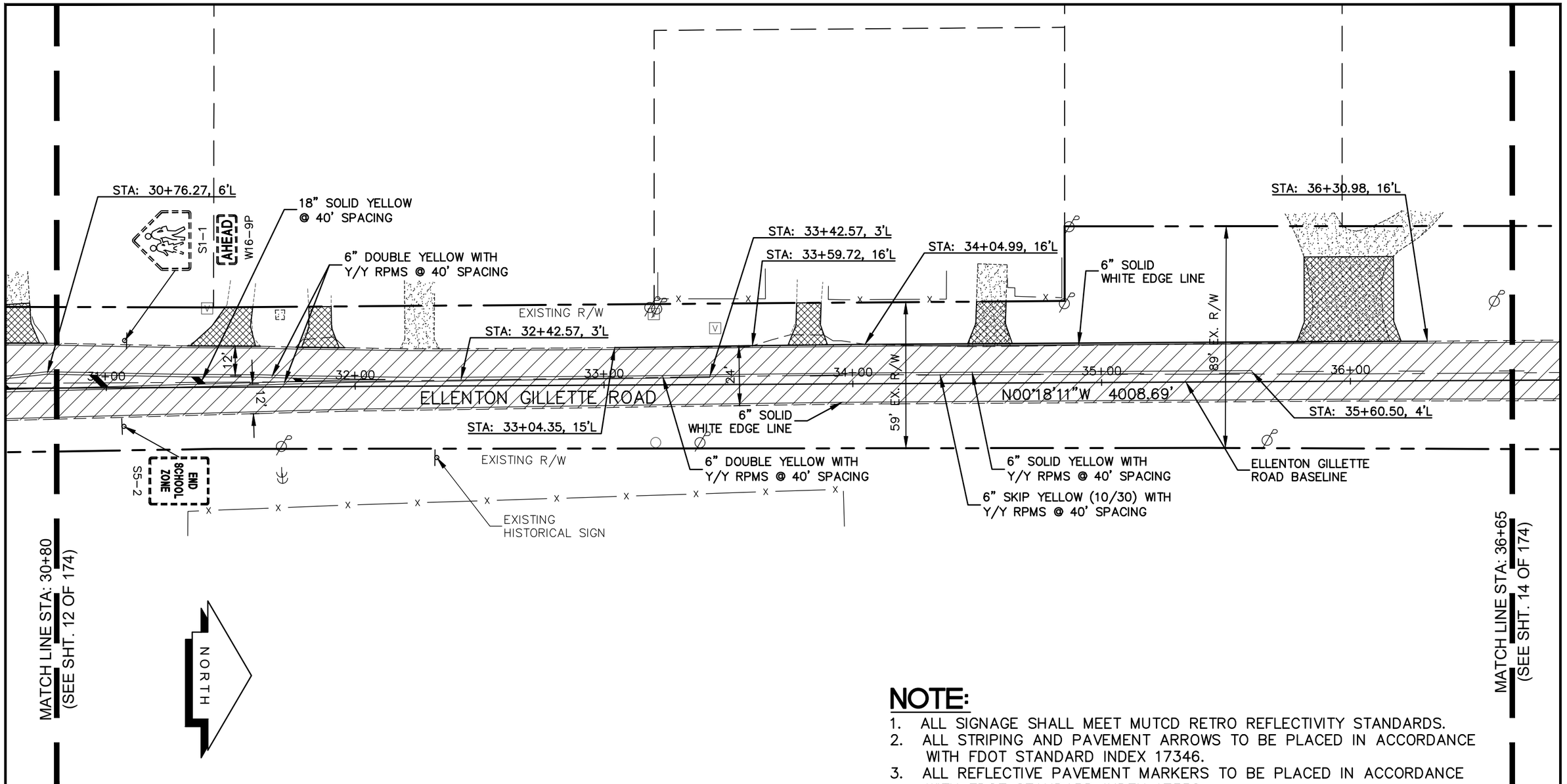
SHEET NO. 12 / 174



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SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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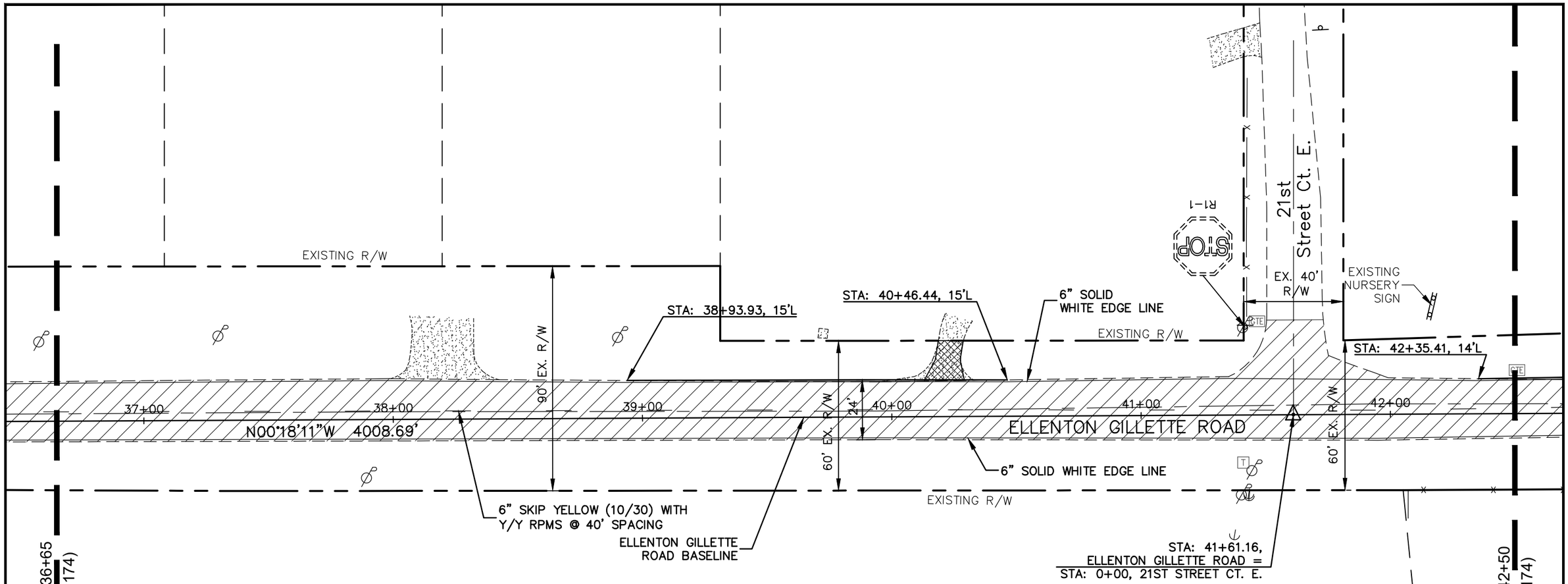
SHEET NO. 13/174



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SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
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DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
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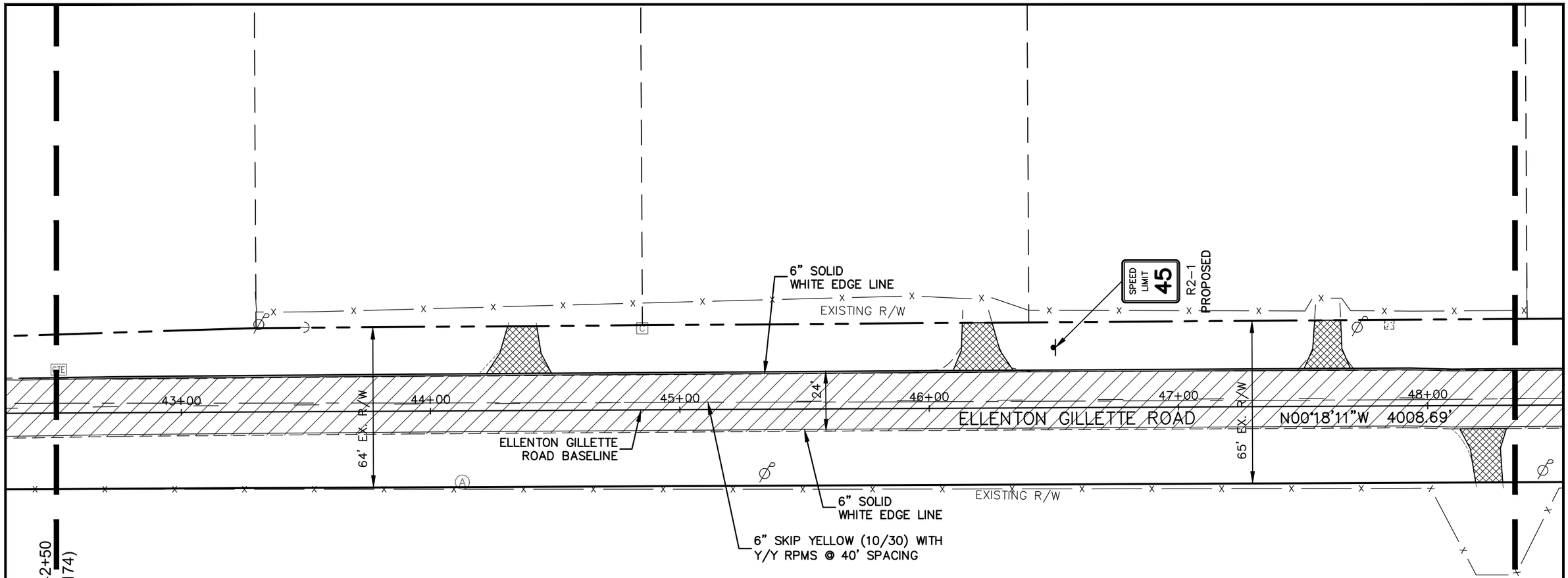
SHEET NO. 14 / 174



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3. ALL REFLECTIVE PAVEMENT MARKERS TO BE PLACED IN ACCORDANCE WITH FDOT STANDARD INDEX 17352.
4. ELLENTON GILLETTE RD. TO BE A MINIMUM OF 24' WIDE ALONG ITS ENTIRE LENGTH AFTER CONSTRUCTION. THE LIMITS OF ALL WIDENING ARE NOTED ON THE PLANS. ALL WIDENING WIDTHS SHOWN ARE FROM THE EXISTING EDGE OF PAVEMENT ON THE OPPOSITE SIDE OF ROAD.

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

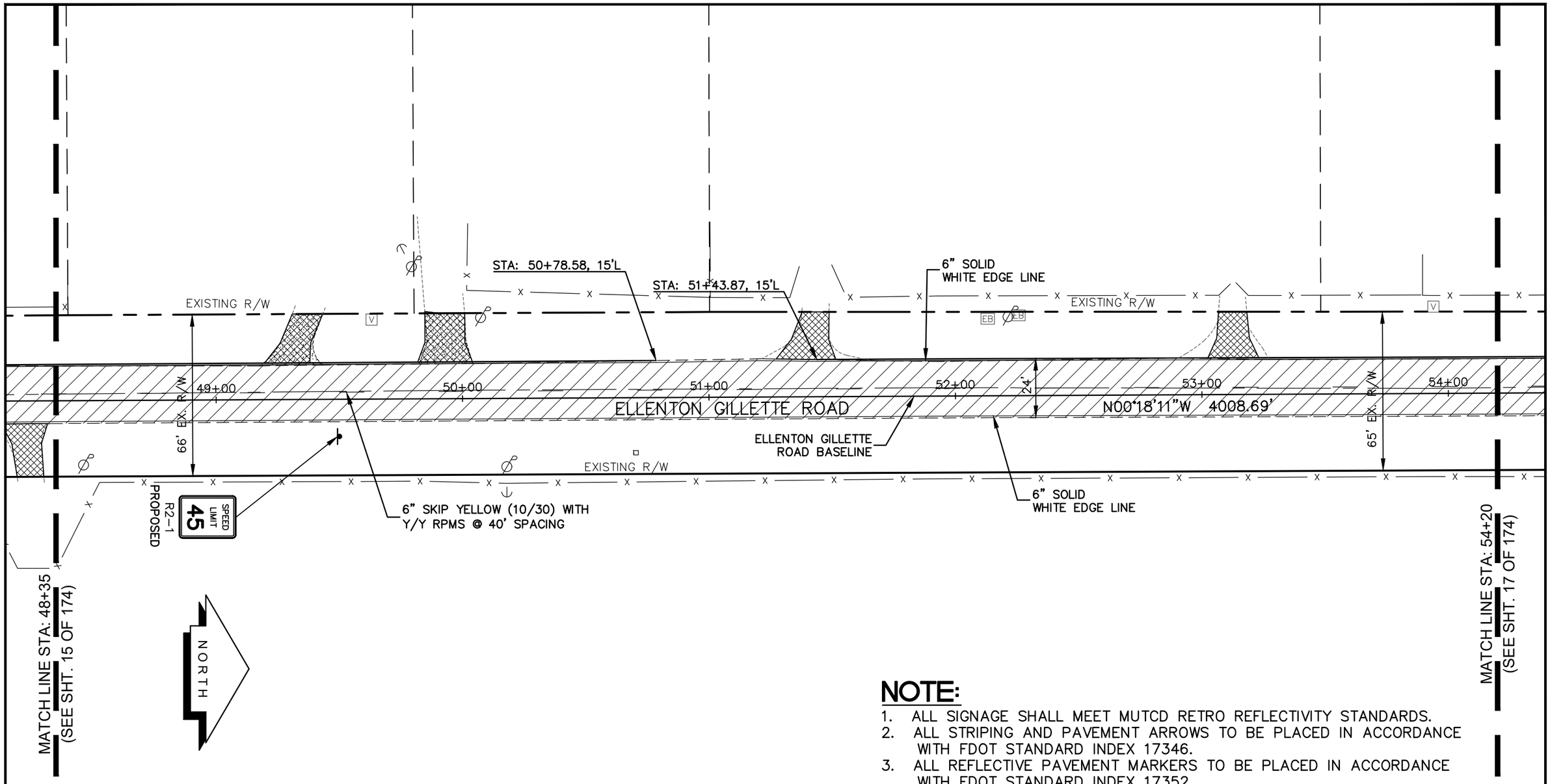
REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 15 / 174



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

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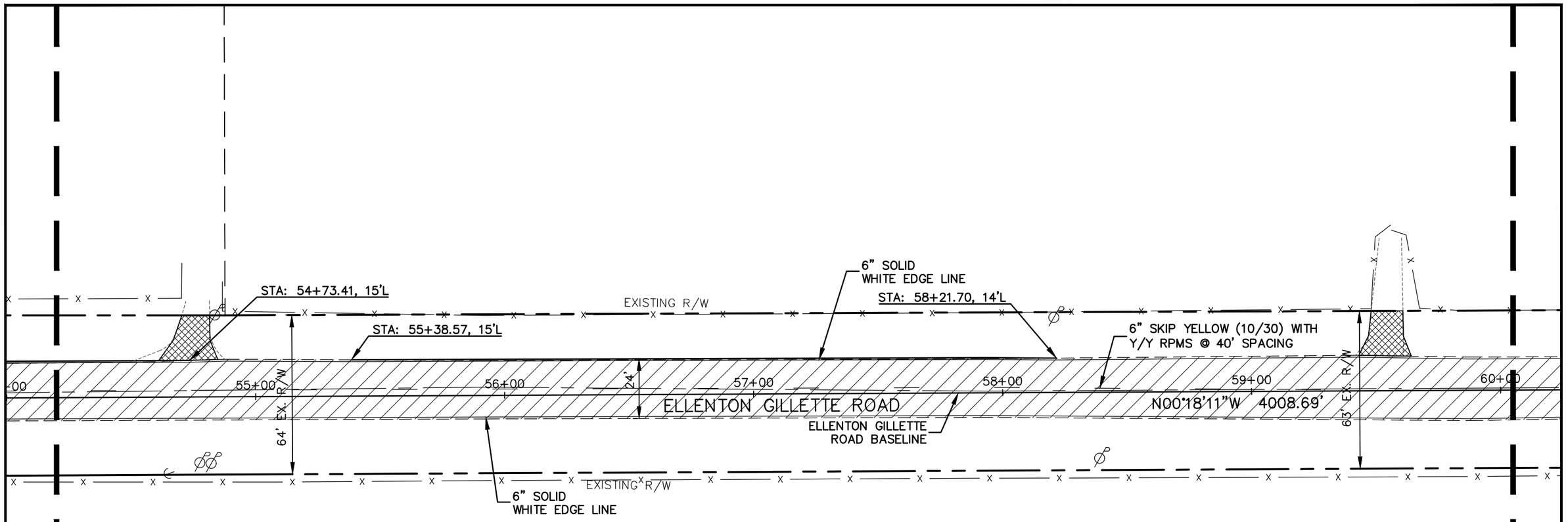
SHEET NO. 16 / 174



MATCH LINE STA: 54+20
(SEE SHT. 16 OF 174)

NORTH

MATCH LINE STA: 60+05
(SEE SHT. 18 OF 174)

NOTE:

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- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

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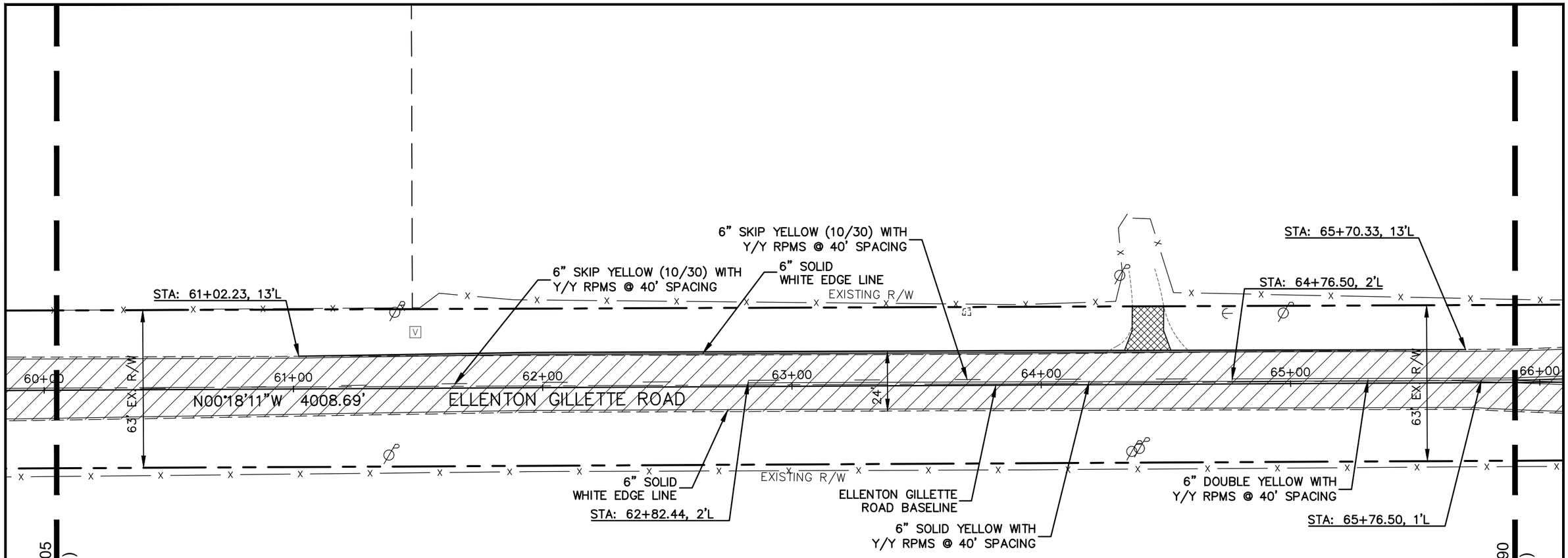
APPR. JRF. JOB NO. 7865

SHEET NO. 17 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-PC.dwg, 10/16/2020 10:38:21 AM, cmitchell, 1:40



MATCH LINE STA: 60+05
(SEE SHT. 17 OF 174)

MATCH LINE STA: 65+90
(SEE SHT. 19 OF 174)

NORTH

NOTE:

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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 18 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-PC.dwg, 10/16/2020 10:38:31 AM, cmitchell, 1:40

24" WIDE SOLID WHITE STOP BAR

R1-1

STOP

6" DOUBLE YELLOW WITH Y/Y RPMS @ 40' SPACING

STA: 67+49.07, ELLENTON GILLETTE ROAD = STA: 0+00, 29TH STREET E.

6" SKIP YELLOW (6/10)

18" SOLID YELLOW @ 40' SPACING

29th Street E.

EX. 50' R/W

STA: 68+17.32, 1'L

EXISTING R/W

6" SOLID WHITE EDGE LINE

18" SOLID YELLOW @ 40' SPACING

6" DOUBLE YELLOW WITH Y/Y RPMS @ 40' SPACING

6" DOUBLE YELLOW WITH Y/Y RPMS @ 40' SPACING

6" SOLID YELLOW WITH Y/Y RPMS @ 40' SPACING

62' EX. R/W

12'

66+00

67+00

68+00

69+00

70+00

71+00

N00°18'11"W 4008.69'

ELLENTON GILLETTE ROAD

N00°06'11"W 1393.77'

60' EX. R/W

STA: 65+76.50, 1'L

STA: 67+09.05, C/L

W14-1aR

DEAD END

EX. 60' R/W

STA: 67+77.33, ELLENTON GILLETTE ROAD = STA: 0+00, 29TH STREET E.

EXISTING R/W

6" SOLID WHITE EDGE LINE

ELLENTON GILLETTE ROAD BASELINE

STA: 69+71.85, 2'L

STA: 70+71.85, 1'L

6" SKIP YELLOW (10/30) WITH Y/Y RPMS @ 40' SPACING

GTE

STOP

R1-1

29th Street E.

MATCH LINE STA: 65+90 (SEE SHT. 18 OF 174)

MATCH LINE STA: 71+75 (SEE SHT. 20 OF 174)

NORTH

0 20 40 80

SCALE IN FEET

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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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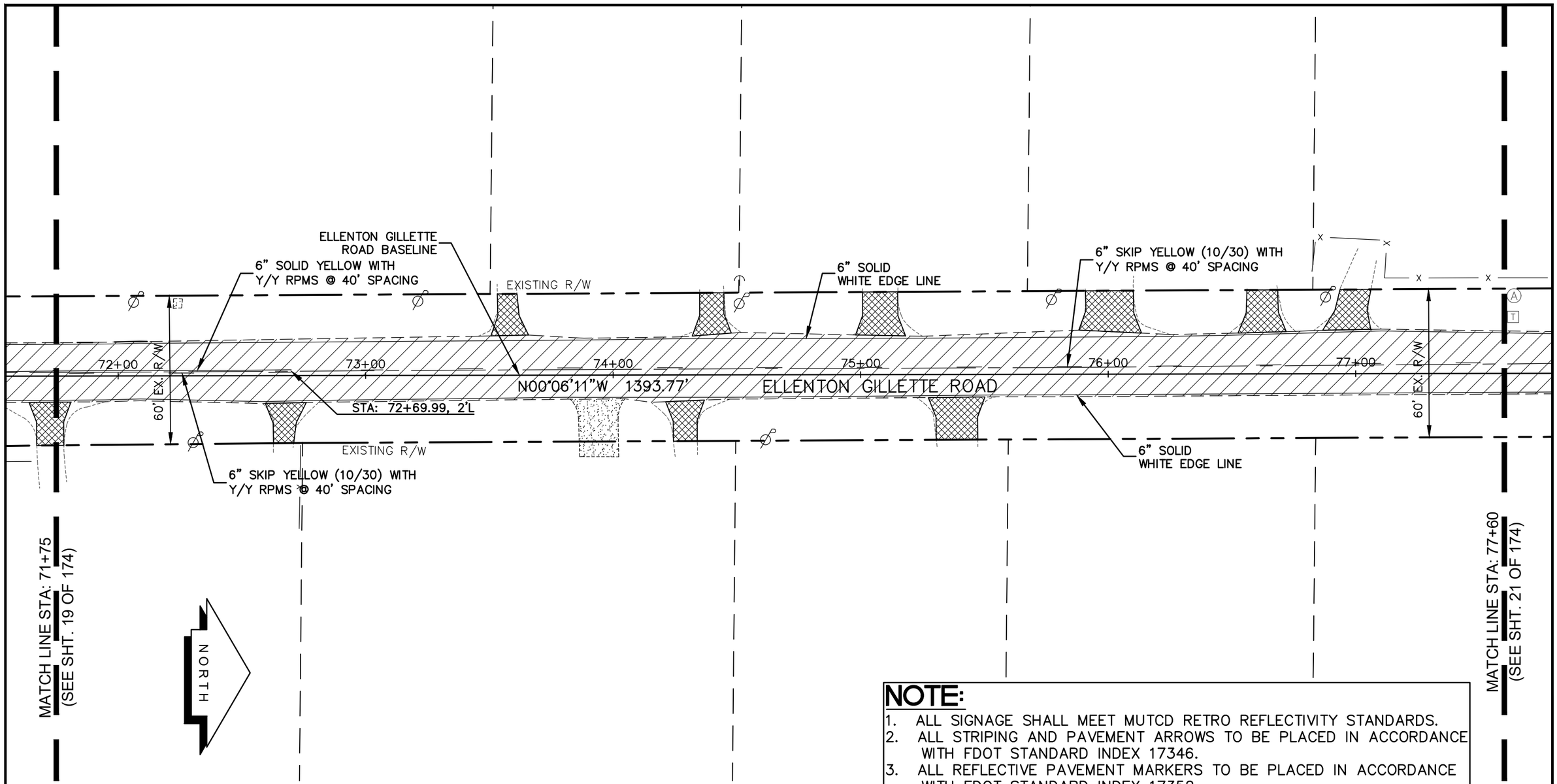
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 19 / 174



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- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
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0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN

ELLENTON GILLETTE ROAD

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APPR. JRF. JOB NO. 7865

SHEET NO. 20 / 174

Section 8-34-18

Section 5-34-18

STA: 80+17.42,
ELLENTON GILLETTE ROAD =
STA: 0+00, 33RD STREET E.

6" SKIP YELLOW (10/30) WITH
Y/Y RPMS @ 40' SPACING

EXISTING R/W

60' EX. R/W

78+00

79+00

80+00

90' EX. R/W

81+00

82+00

83+00

N00°06'11"W 1393.77'

ELLENTON GILLETTE ROAD

STA: 80+57.42, 3'L

6" DOUBLE YELLOW WITH
Y/Y RPMS @ 40' SPACING

6" SOLID
WHITE EDGE LINE

STA: 83+57.29, 12'L

EX.30'
R/W

ELLENTON GILLETTE
ROAD BASELINE

STA: 79+77.42, 4'L

DEAD END
W14-1aR

DEAD END
W14-1aL

STOP
R1-1

33rd Street East

6" SOLID
WHITE EDGE LINE

MATCH LINE STA: 77+60
(SEE SHT. 20 OF 174)

MATCH LINE STA: 83+45
(SEE SHT. 22 OF 174)

NORTH

0 20 40 80
SCALE IN FEET

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
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PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

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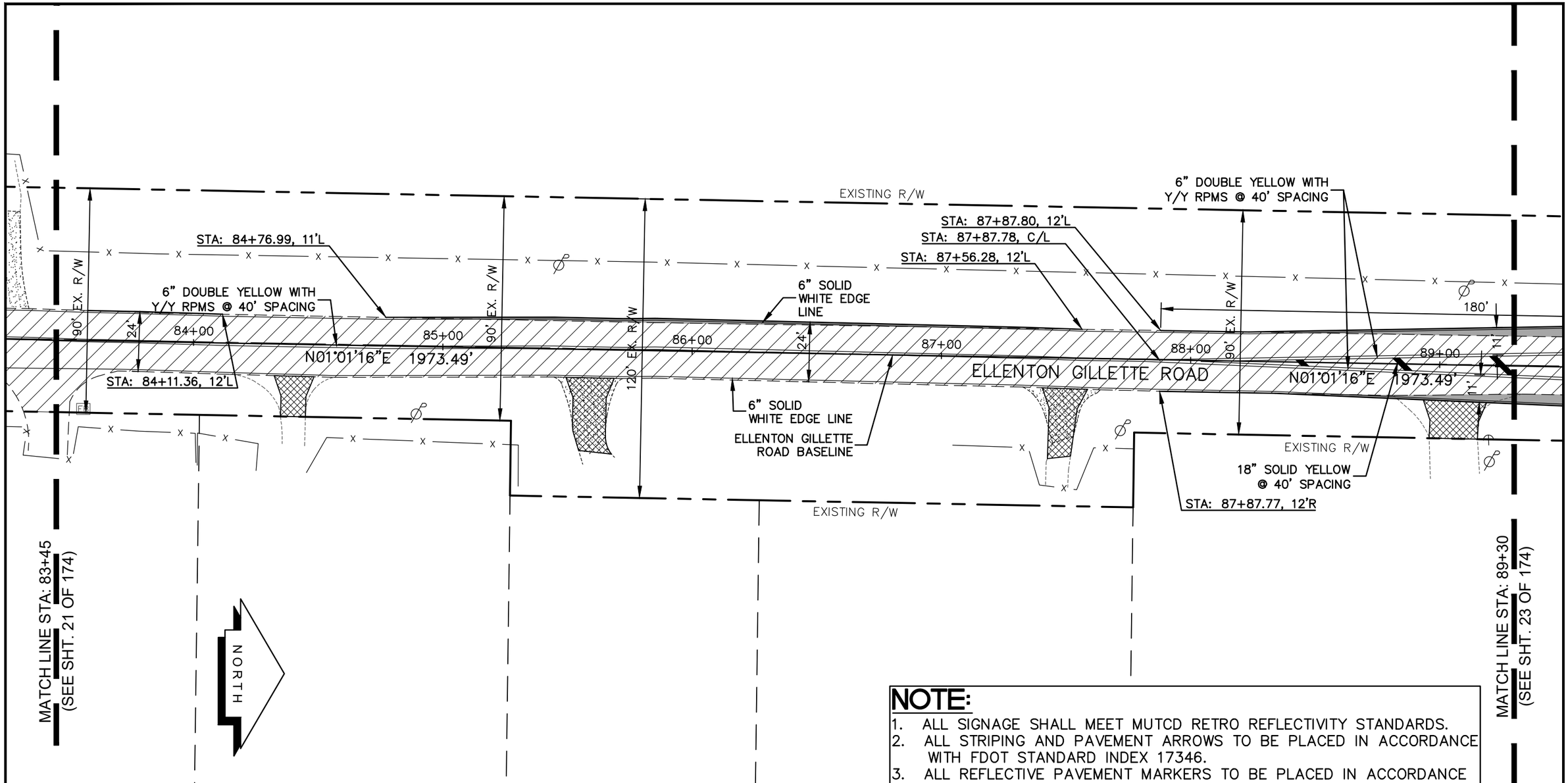
DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 21 / 174



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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
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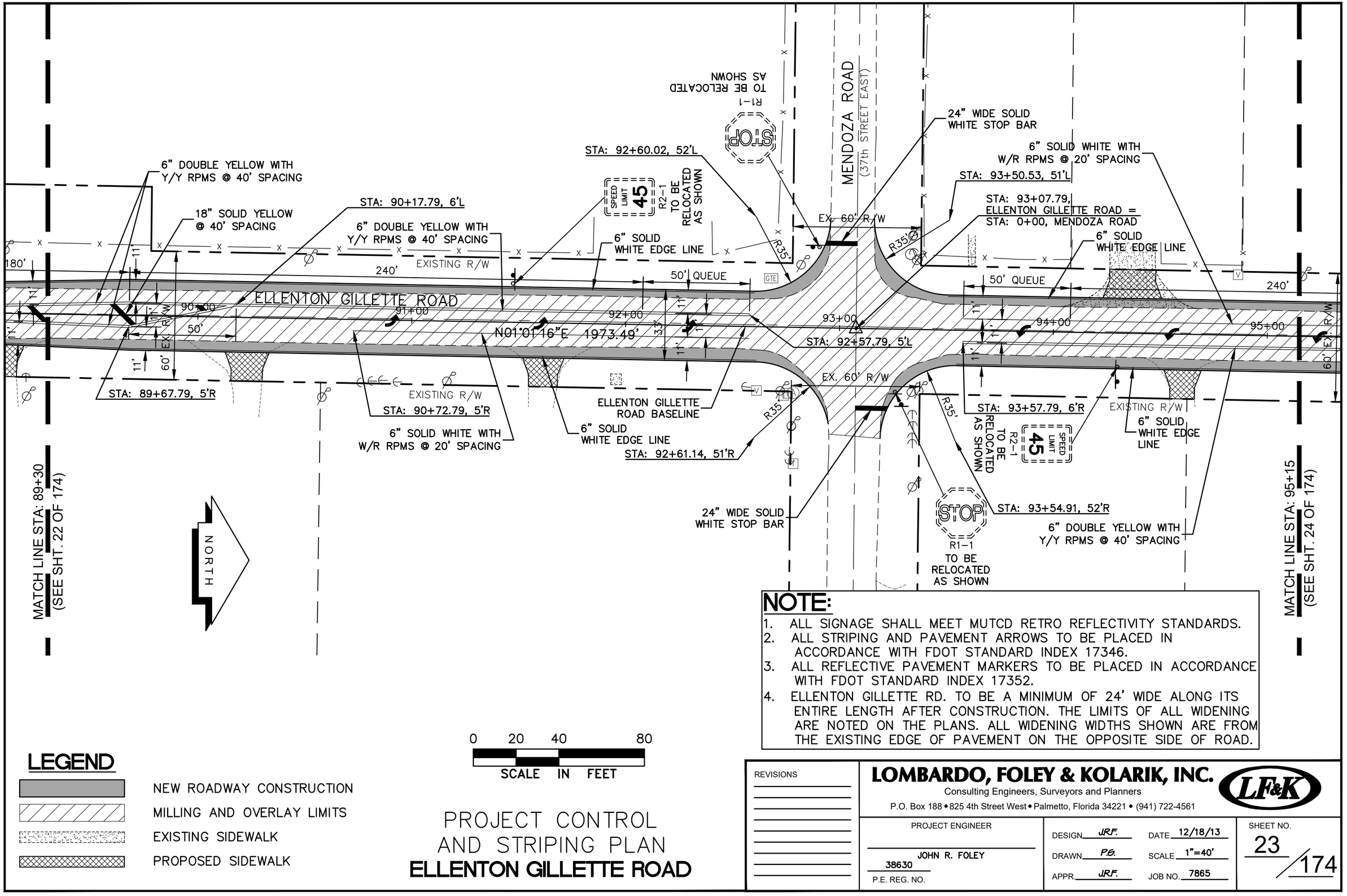
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 22/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-PC.dwg, 10/16/2020 10:39:26 AM, cmitchell, 1:40



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- EXISTING SIDEWALK
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0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN

ELLENTON GILLETTE ROAD

REVISIONS

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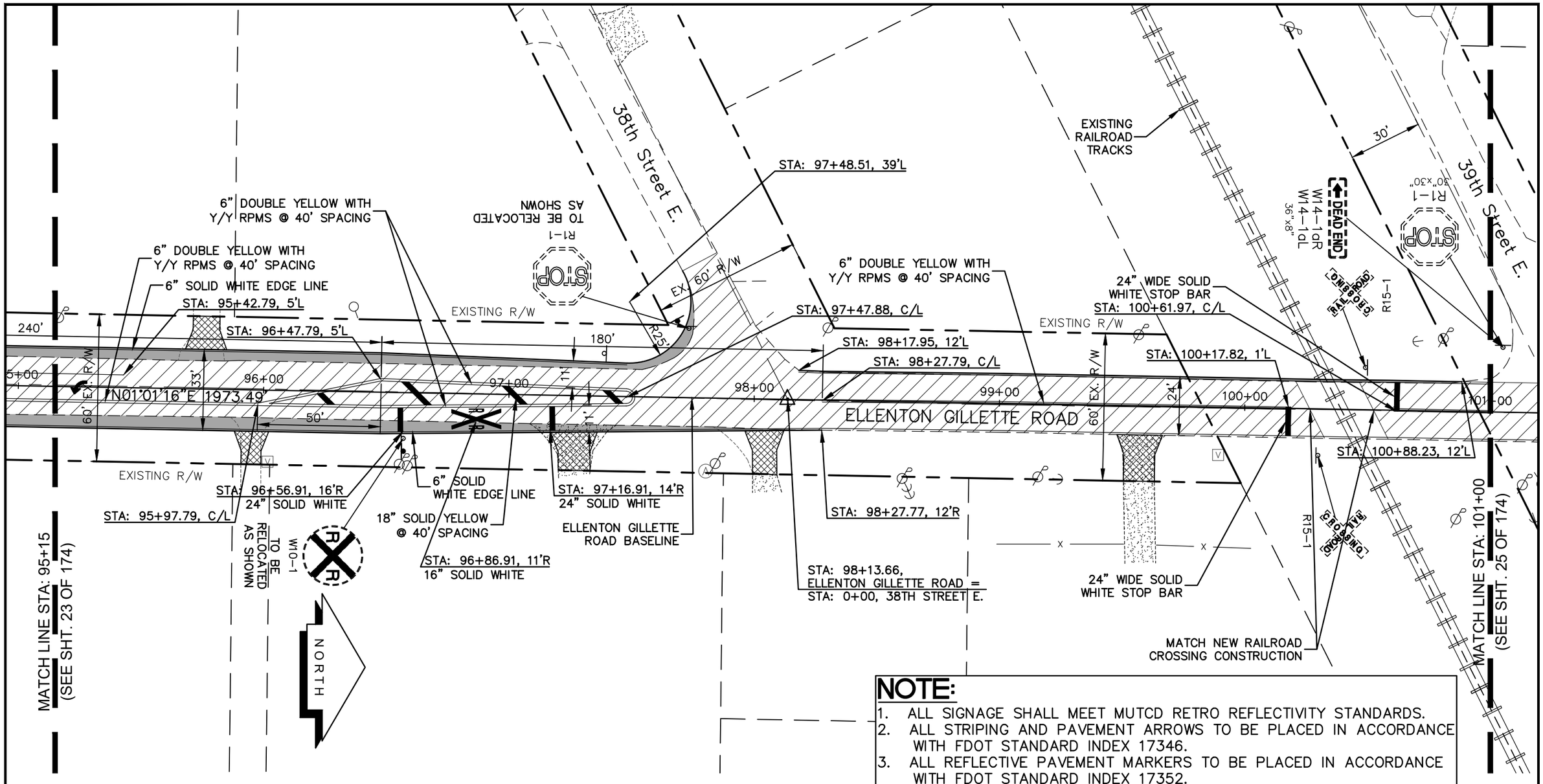
SHEET NO. 23 / 174



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LEGEND

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- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

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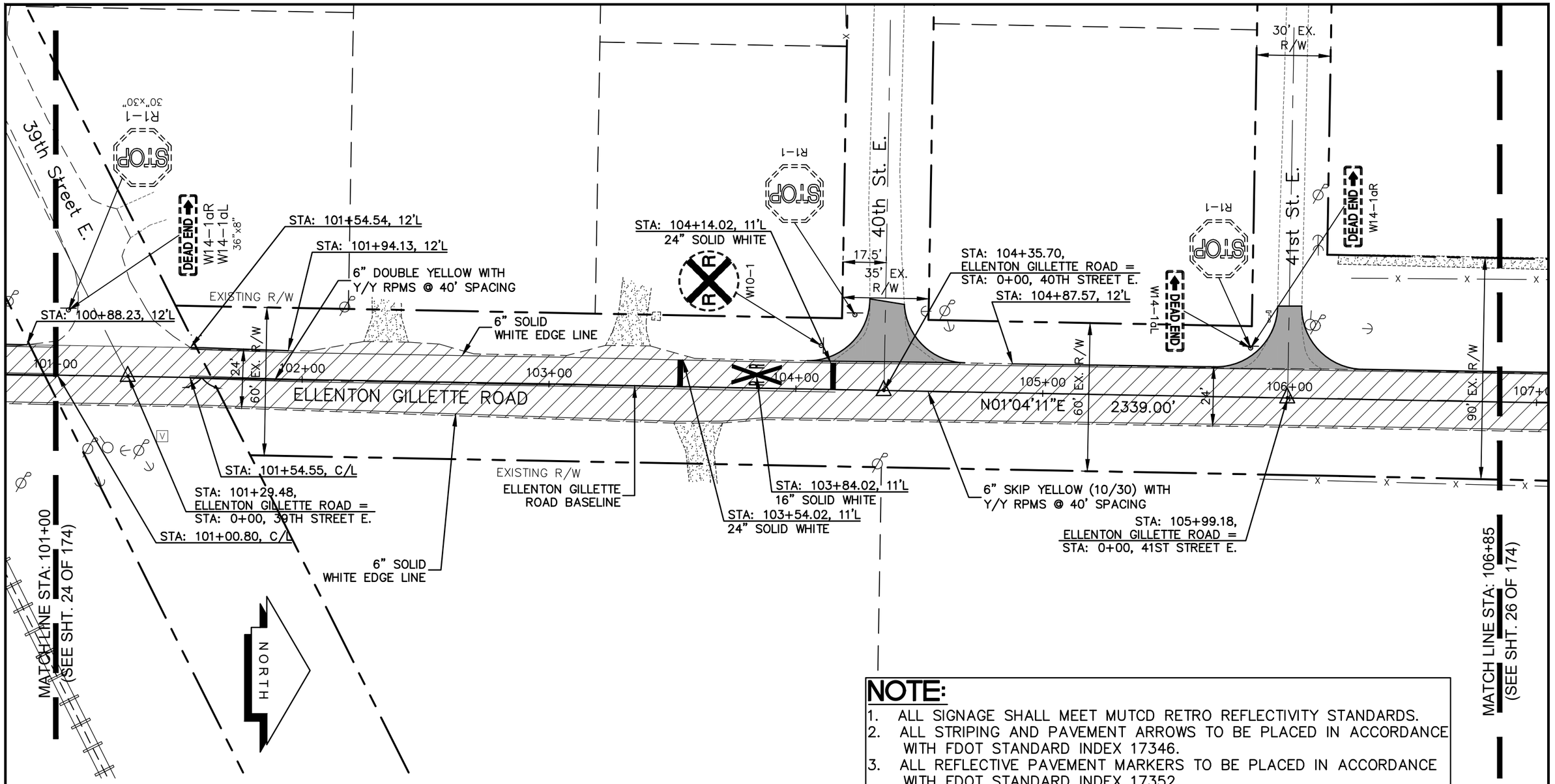
SHEET NO. 24 / 174



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0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN

ELLENTON GILLETTE ROAD

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DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
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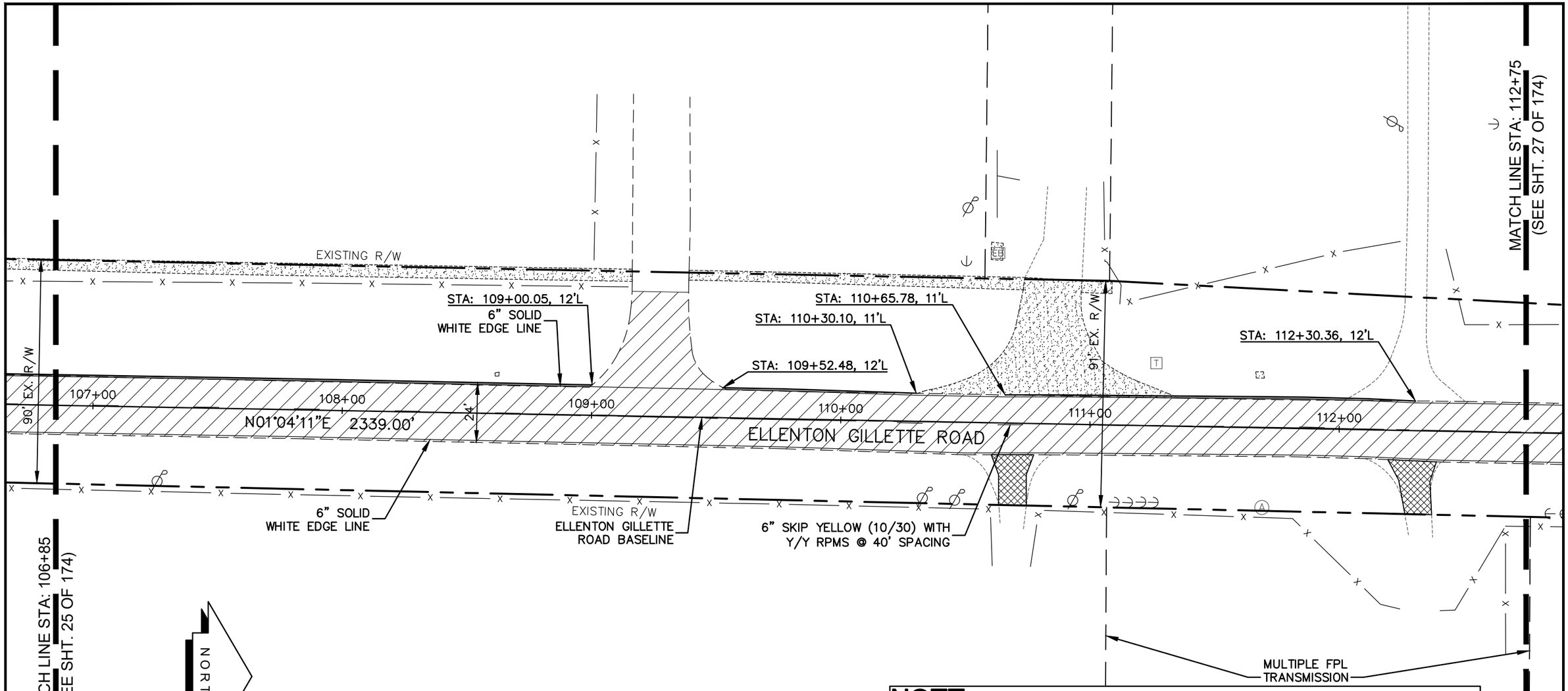
SHEET NO. 25 / 174



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DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 26 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-PC.dwg, 10/16/2020 10:40:04 AM, cmitchell, 1:40

MATCH LINE STA: 112+75
(SEE SHT. 26 OF 174)

MATCH LINE STA: 118+55
(SEE SHT. 28 OF 174)

EXISTING R/W

83' EX. R/W

N01°04'11"E 2339.00'

ELLENTON GILLETTE ROAD

113+00 114+00 115+00 116+00 117+00 118+00

24'

6" SOLID WHITE EDGE LINE

STA: 116+12.64, 12'L

STA: 115+57.95, 12'L

STA: 116+74.33, 12'L

6" SKIP YELLOW (10/30) WITH Y/Y RPMS @ 40' SPACING

STA: 117+30.72, 12'L

ELLENTON GILLETTE ROAD BASELINE

6" SOLID WHITE EDGE LINE

EXISTING R/W

69' EX. R/W

NORTH

0 20 40 80

SCALE IN FEET

LEGEND

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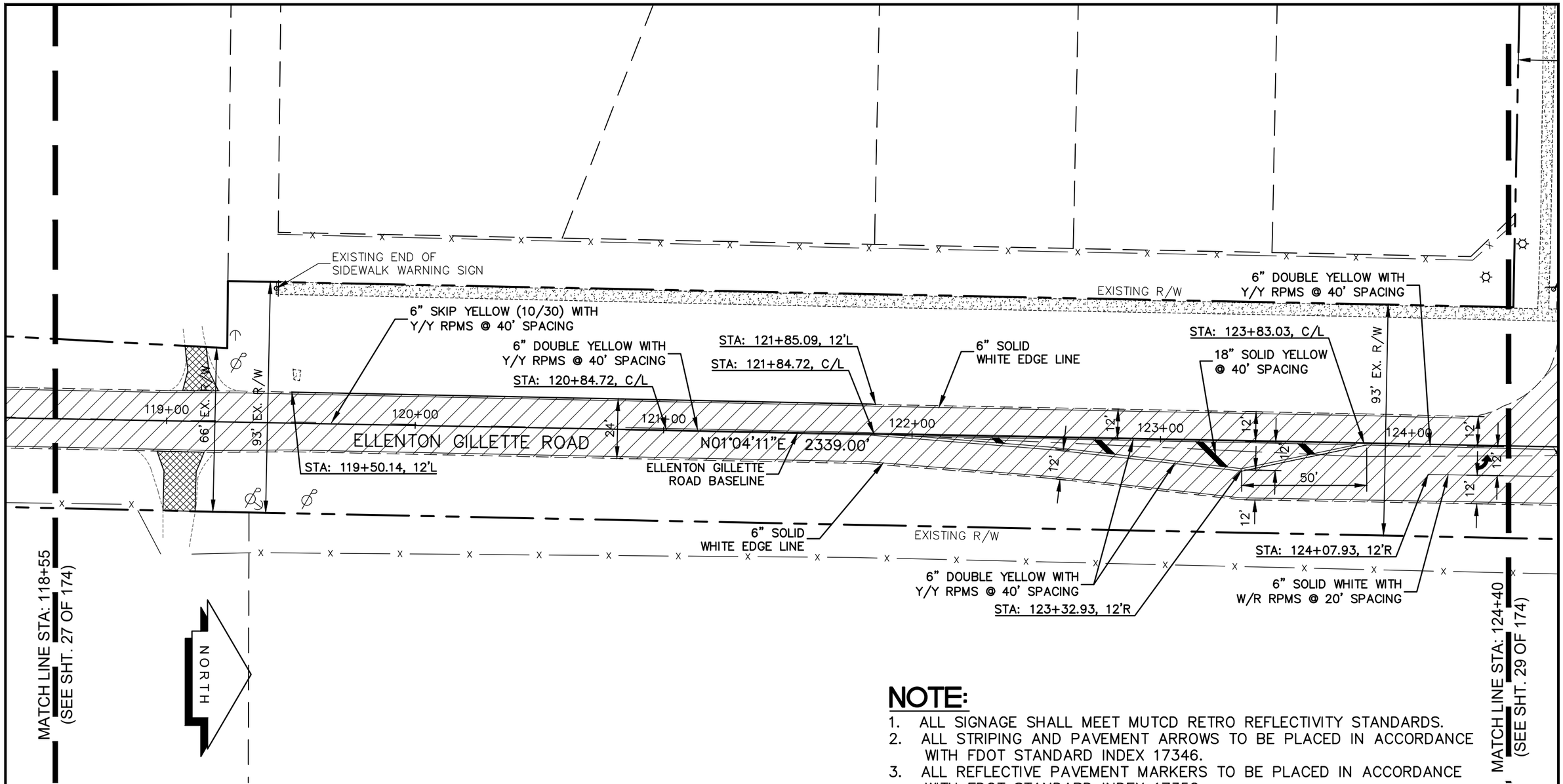
P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 27 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-PC.dwg, 10/16/2020 10:40:15 AM, cmitchell, 1:40



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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 28 / 174

115' EX. R/W

EXISTING SUGAR MILL LAKES SIGN

R1-1

STOP

46th St. E.

SPEED LIMIT 25

R2-1

58'

EXISTING NEAL COMMUNITIES SIGN

SPEED LIMIT 45

R2-1

MATCH LINE STA: 130+25 (SEE SHT. 30 OF 174)

STA: 125+50.95, 10'L

STA: 126+33.93, 9'L

EXISTING R/W

PAINT MEDIAN NOSE YELLOW

6" SOLID WHITE WITH W/R RPMS @ 20' SPACING

18" SOLID YELLOW @ 40' SPACING

6" DOUBLE YELLOW WITH Y/Y RPMS @ 40' SPACING

EX. R/W

93'

STA: 128+16.52, 10'L

STA: 128+29.57, 2'R

6" DOUBLE YELLOW WITH Y/Y RPMS @ 40' SPACING

6" SOLID WHITE EDGE LINE

R4-7

OM1-1

125+00

126+00

STA: 126+80.68, 10'L

127+00

128+00

129+00

130+00

ELLENTON GILLETTE ROAD N00°32'57"E 733.63'

ELLENTON GILLETTE ROAD BASELINE

12'

24'

STA: 125+38.35, 7'R

STA: 127+29.48, 3'R

EXISTING R/W

6" SOLID WHITE EDGE LINE

18" SOLID YELLOW @ 40' SPACING

STA: 124+98.35, ELLENTON GILLETTE ROAD = STA: 0+00, 46TH STREET E.

6" DOUBLE YELLOW WITH Y/Y RPMS @ 40' SPACING

STA: 124+58.35, 1'R

STA: 125+77.83, 12'R

MATCH LINE STA: 124+40 (SEE SHT. 28 OF 174)

NORTH

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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN

ELLENTON GILLETTE ROAD

REVISIONS

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Consulting Engineers, Surveyors and Planners
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PROJECT ENGINEER

JOHN R. FOLEY

38630

P.E. REG. NO.

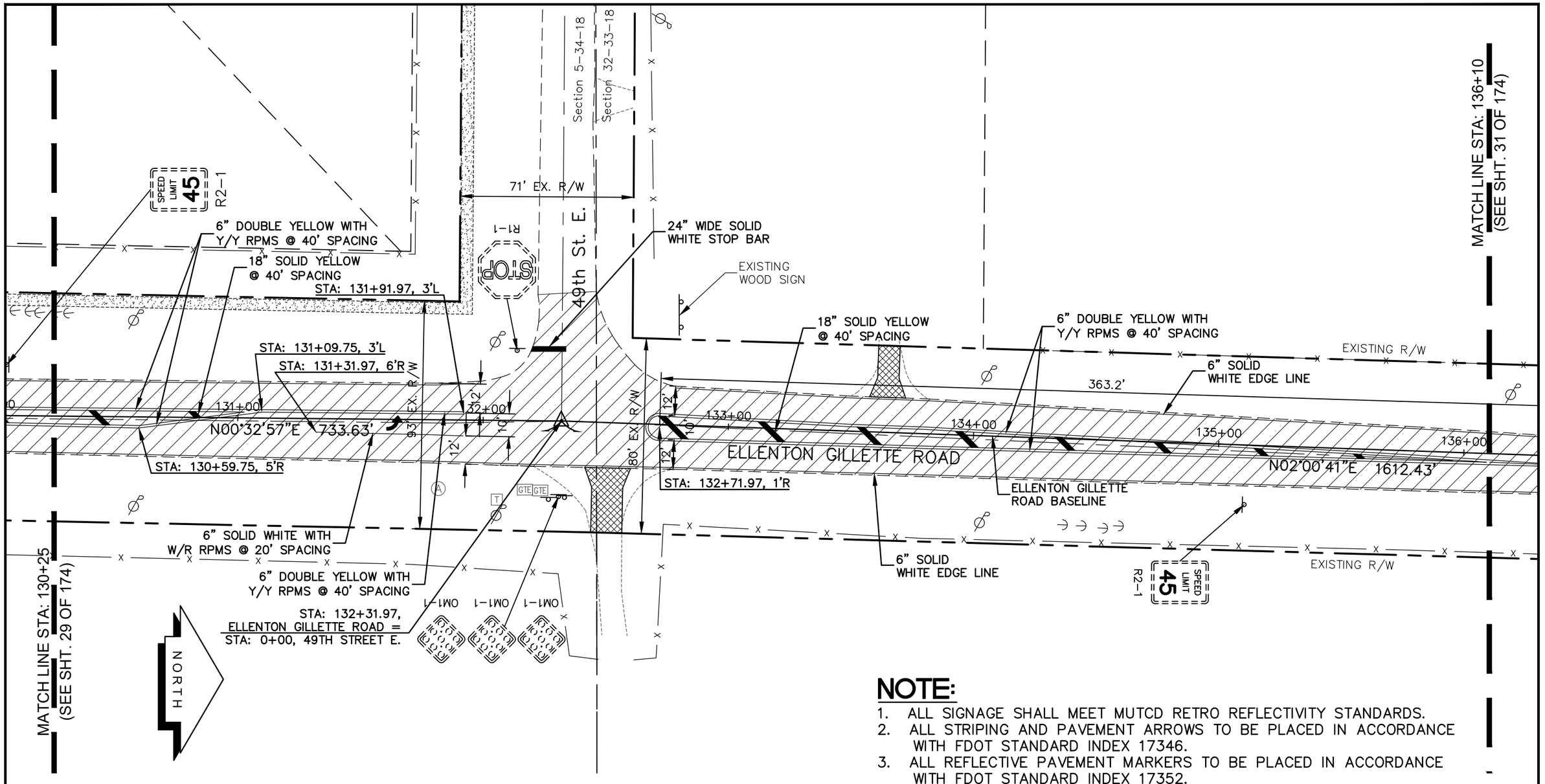
DESIGN JRF. DATE 12/18/13

DRAWN P.G. SCALE 1"=40'

APPR. JRF. JOB NO. 7865

SHEET NO. 29 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-PC.dwg, 10/16/2020 10:40:36 AM, cmitchell, 1:40



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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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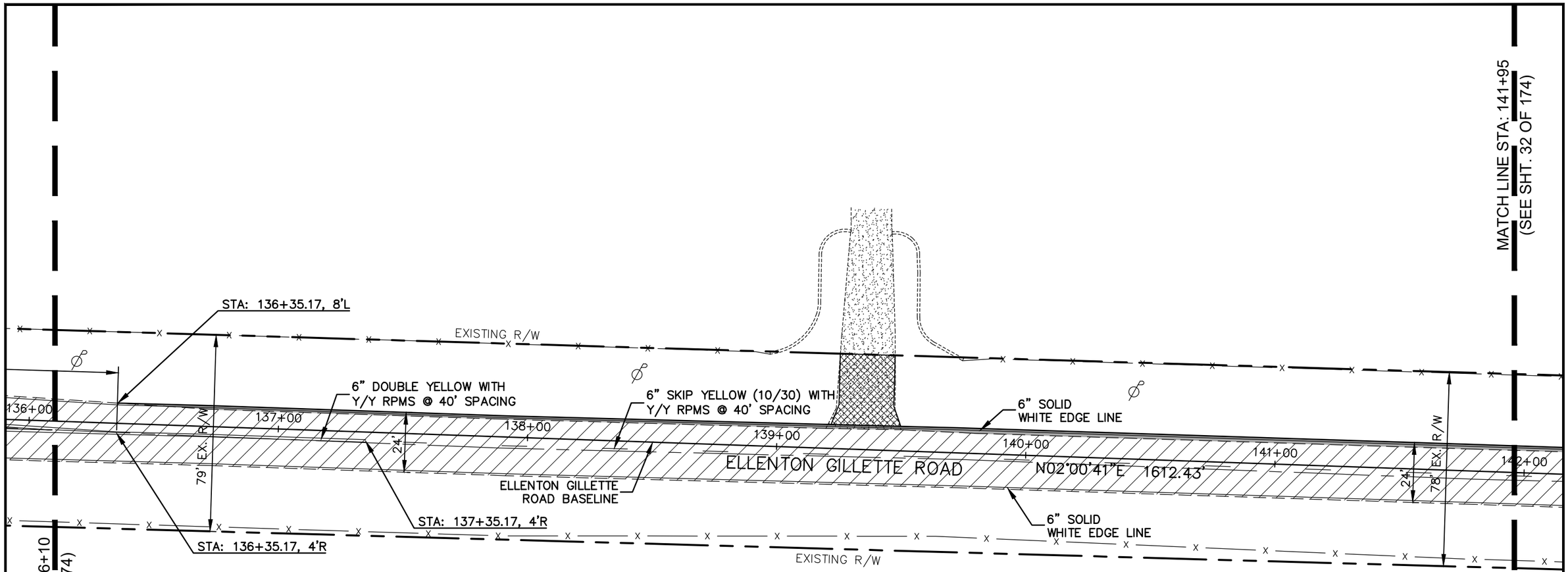
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 30 / 174



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- EXISTING SIDEWALK
- PROPOSED SIDEWALK

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SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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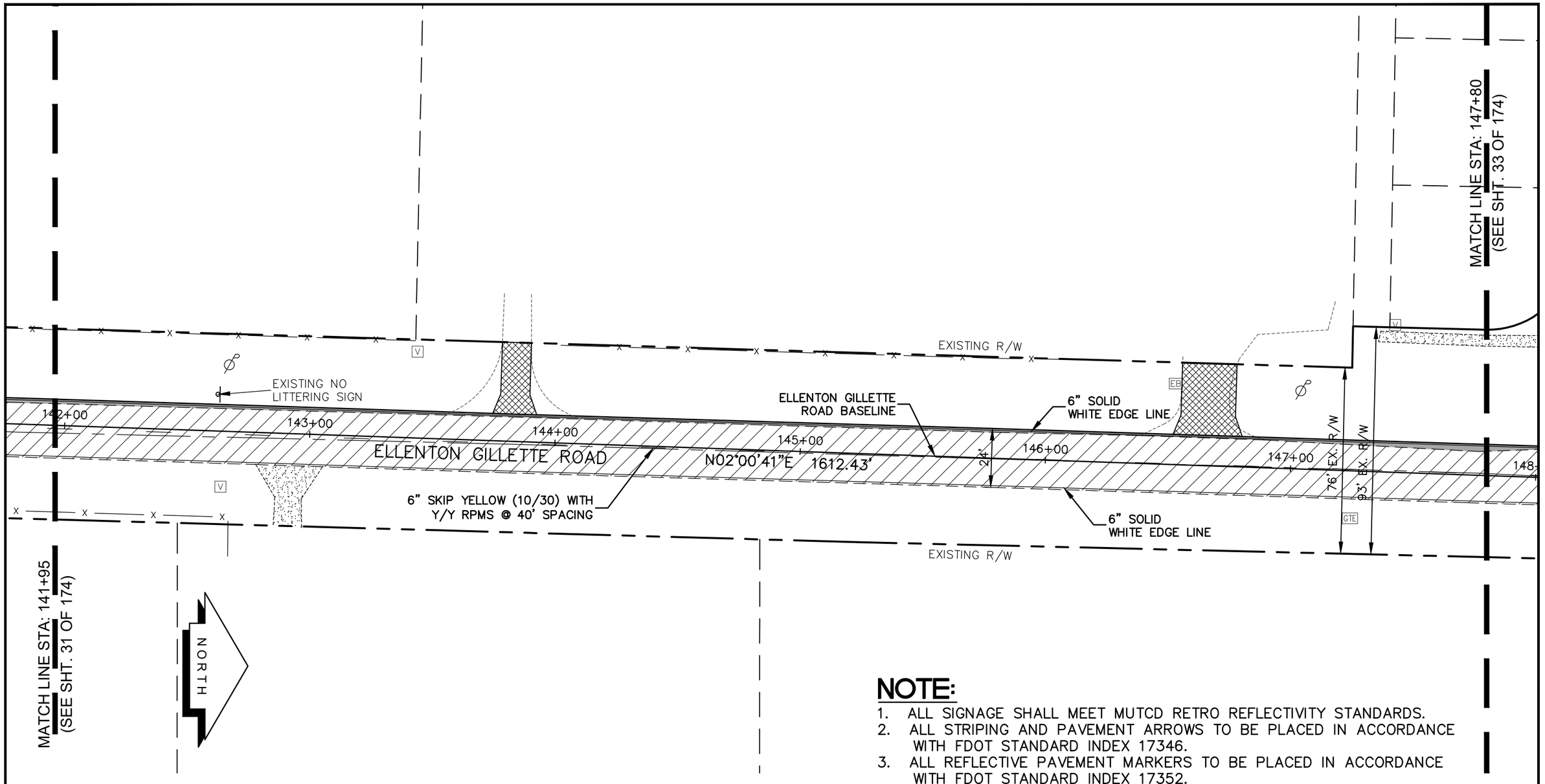
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN J.R.F. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. J.R.F. JOB NO. 7865

SHEET NO. 31 / 174



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LEGEND

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0 20 40 80
SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

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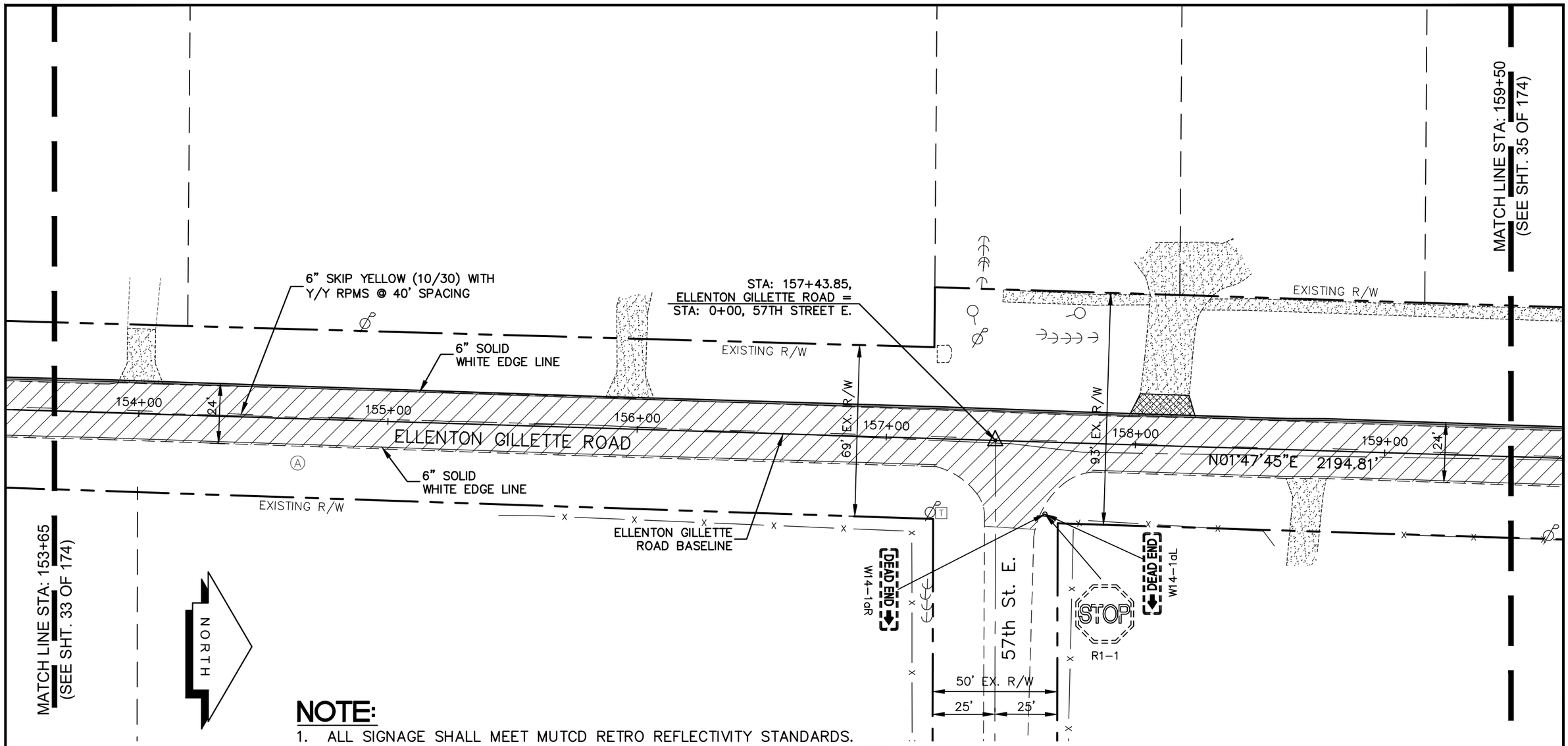
SHEET NO. 32 / 174



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LEGEND

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PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

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PROJECT ENGINEER
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DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
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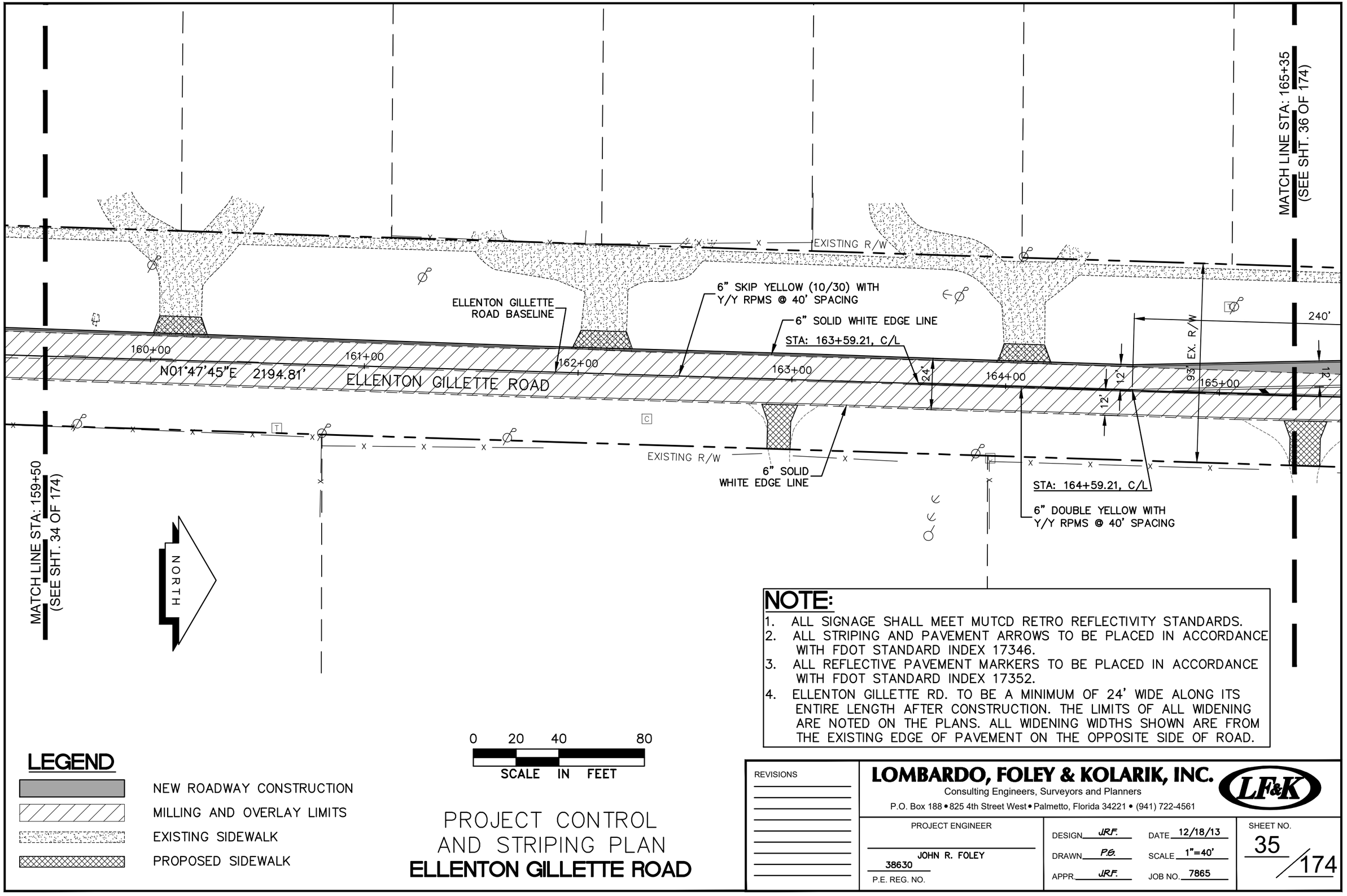
SHEET NO. 34 / 174



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LEGEND

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0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

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PROJECT ENGINEER
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P.E. REG. NO.

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SHEET NO. 35 / 174

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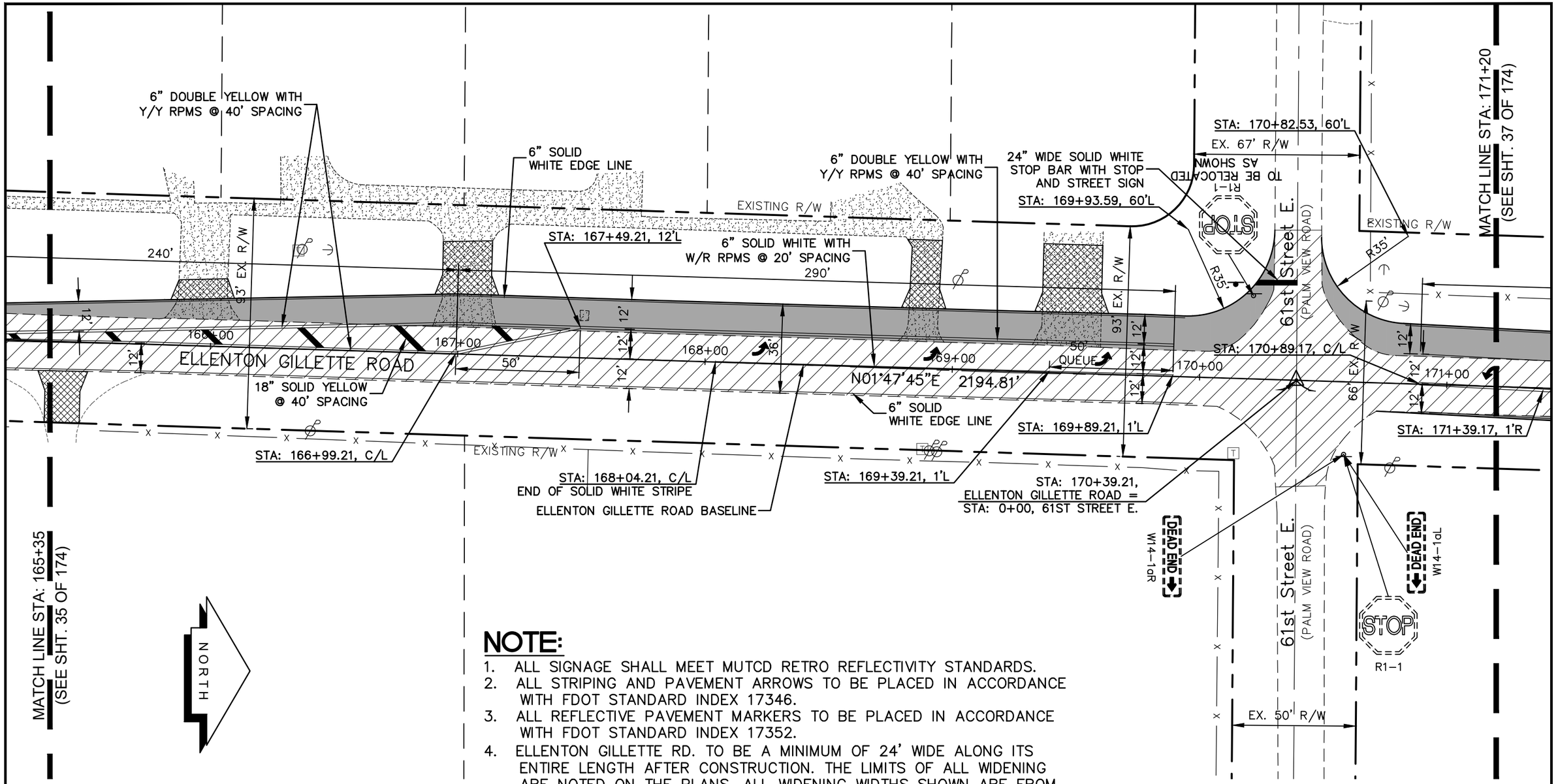

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0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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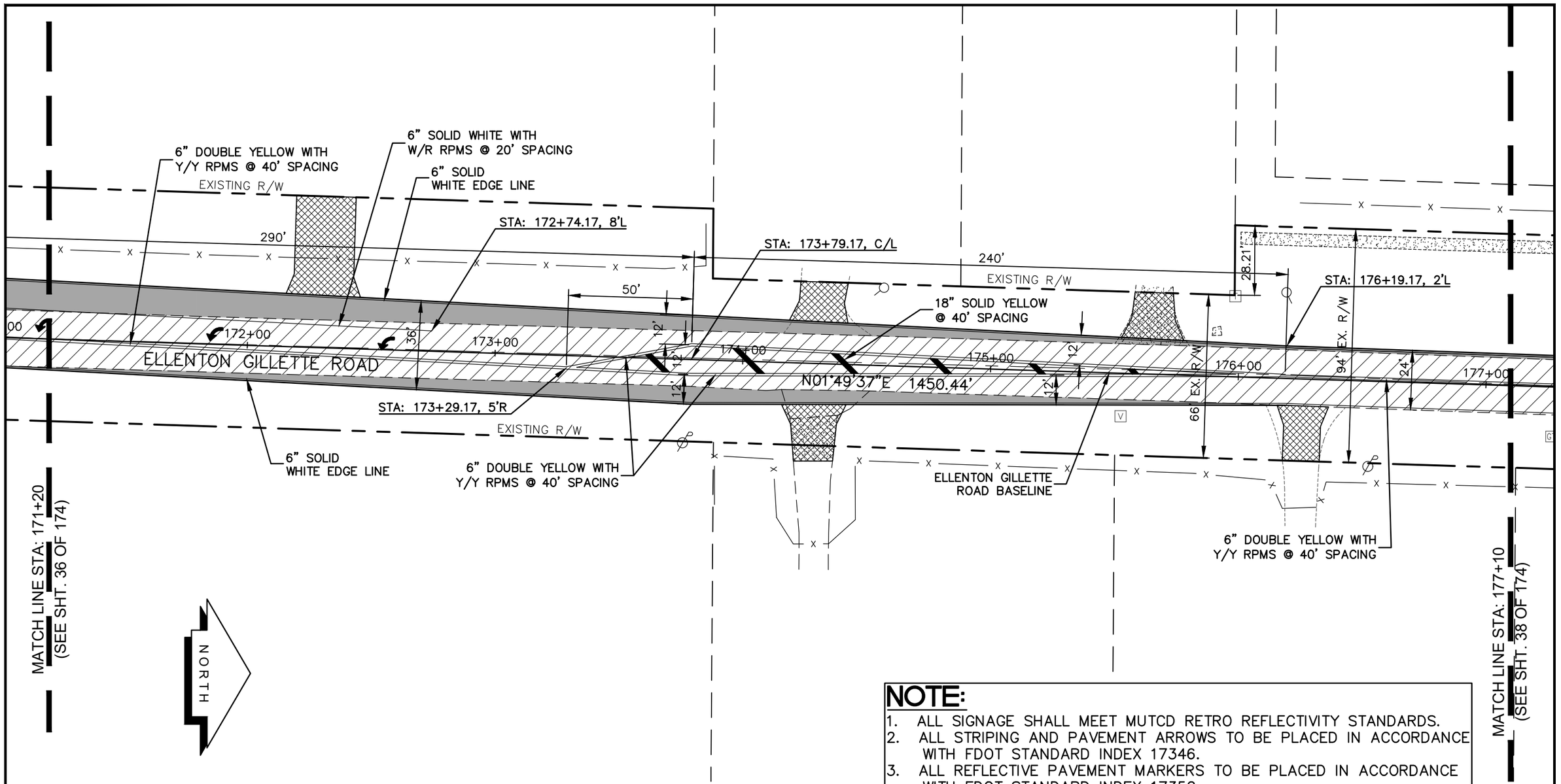
SHEET NO. 36 / 174



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SHEET NO. 37/174

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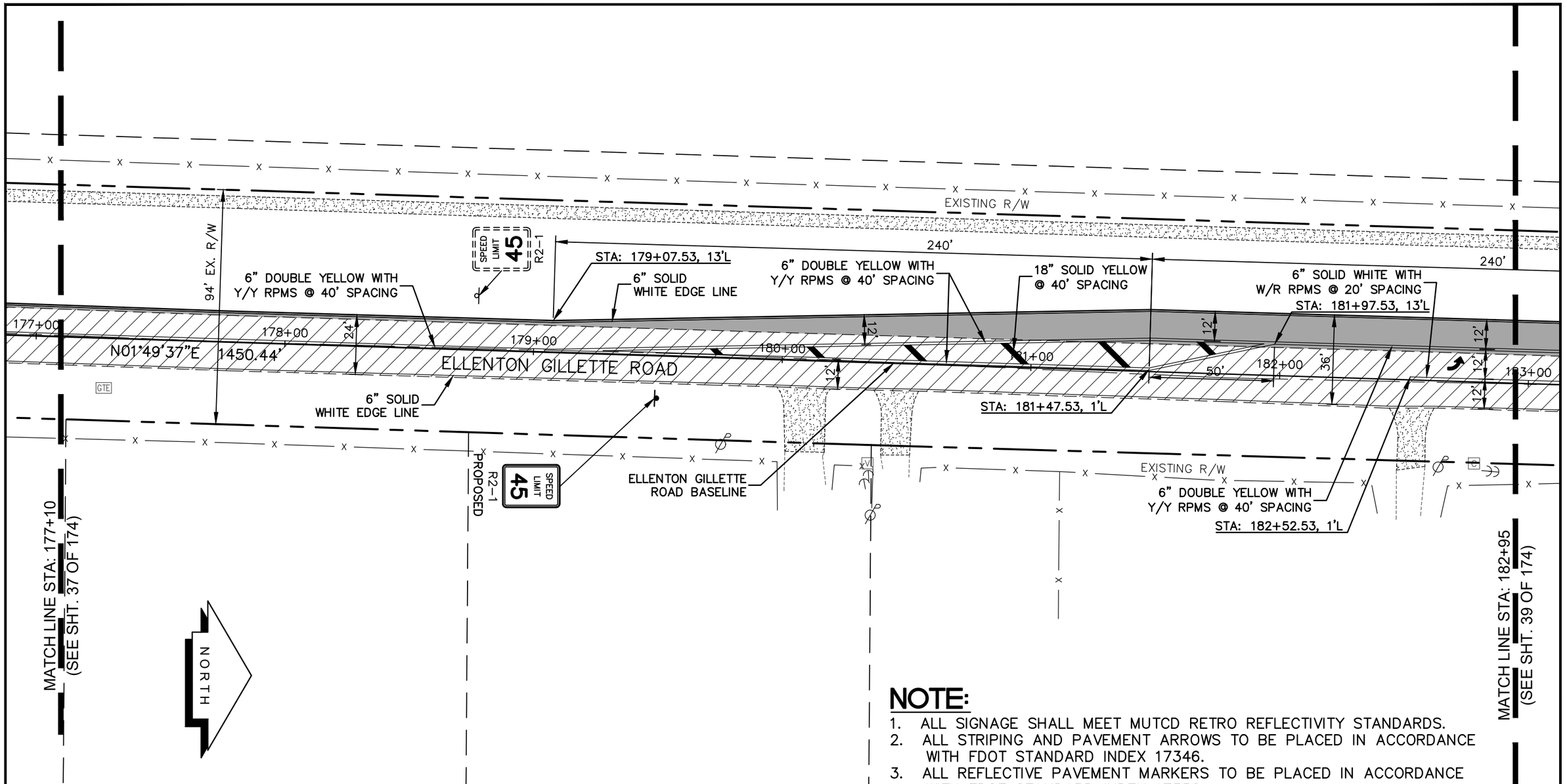

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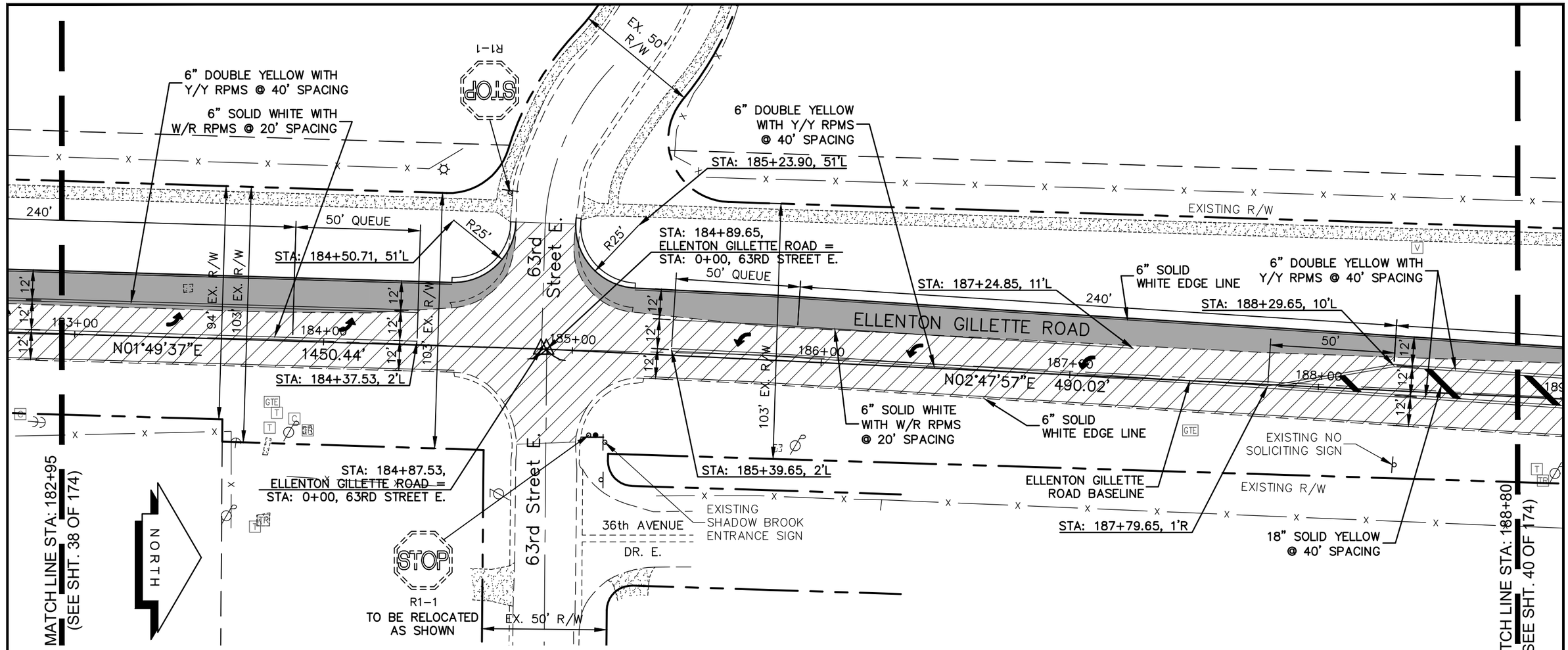

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SHEET NO. 39 / 174

FROG CREEK

PROPOSED FDOT
INTERSECTION
IMPROVEMENT PROJECT
435120-1-52-01

STA: 190+88.48 ±,
ELLENTON GILLETTE ROAD,
END MILLING AND
RESURFACING

EXISTING R/W

STA: 190+88.48, 1'R

STA: 190+34.44, 17'L

STA: 191+28.48,
ELLENTON GILLETTE ROAD =
STA: 0+00,
SHADOW BROOK LANE

ELLENTON GILLETTE
ROAD BASELINE

240'

102' EX. R/W

189+00

190+00

191+00

192+00

193+00

194+00

12'

12'

12'

12'

12'

14'

N01°12'03"E 708.22'

ELLENTON GILLETTE ROAD

EX. 50' R/W

6" DOUBLE YELLOW WITH
Y/Y RPMS @ 40' SPACING

18" SOLID YELLOW
@ 40' SPACING

EXISTING SHADOW
BROOK SIGN

STA: 190+69.65, 21'R

STOP
R1-1
30"x30"

Shadow Brook Lane

36TH AVE.
DR. E.

MATCH LINE STA: 188+80
(SEE SHT. 39 OF 174)

MATCH LINE STA: 194+65
(SEE SHT. 41 OF 174)

NORTH

FROG CREEK

NOTE:

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P.E. REG. NO.

DESIGN J.R.F. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. J.R.F. JOB NO. 7865

SHEET NO. 40 / 174

PROPOSED FDOT INTERSECTION IMPROVEMENT PROJECT 435120-1-52-01

111' EX. R/W

69th Street E. (ERIE ROAD)

EXISTING R/W

MATCH LINE STA: 200+10 (SEE SHT. 42 OF 174)

102' EX. R/W

96' EX. R/W

EXISTING NO LITTERING SIGN TO BE RELOCATED

195+00 196+00 197+00 198+00 199+00 200+00

N01°12'03"E 708.22'

ELLENTON GILLETTE ROAD

N01°39'46"E 1342.08'

ELLENTON GILLETTE ROAD BASELINE

STA: 196+97.61, ELLENTON GILLETTE ROAD = STA: 10+00, 69TH STREET E.

EX. 92' R/W

EXISTING R/W

STA: 200+03.95 ±, ELLENTON GILLETTE RD., RESUME MILLING AND RESURFACING

STA: 200+39.71, ELLENTON GILLETTE ROAD = STA: 0+00, 70TH STREET E.

EX. 84' R/W

70th Street E. (PALMVIEW CIRCLE)

STA: 196+87.89, ELLENTON GILLETTE ROAD = STA: 10+00, 69TH STREET E.

EXISTING FORCEMAIN SIGN (16" GATE VAVLE)

EXISTING STREET SIGN

PROPOSED FDOT INTERSECTION IMPROVEMENT PROJECT 435120-1-52-01

69th Street E. (ERIE ROAD)

STOP

R1-1

MATCH LINE STA: 194+65 (SEE SHT. 40 OF 174)

NORTH

NOTE:

1. ALL SIGNAGE SHALL MEET MUTCD RETRO REFLECTIVITY STANDARDS.
2. ALL STRIPING AND PAVEMENT ARROWS TO BE PLACED IN ACCORDANCE WITH FDOT STANDARD INDEX 17346.
3. ALL REFLECTIVE PAVEMENT MARKERS TO BE PLACED IN ACCORDANCE WITH FDOT STANDARD INDEX 17352.
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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN

ELLENTON GILLETTE ROAD

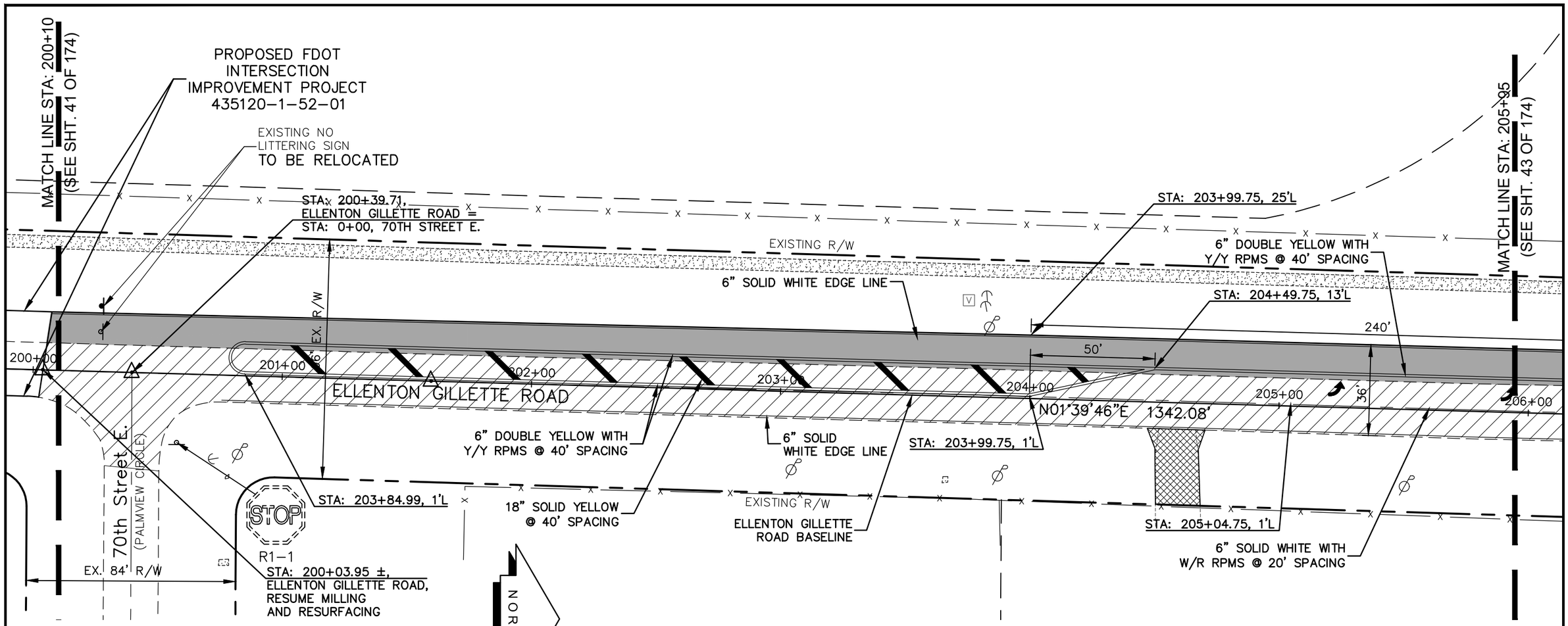
REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 41/174



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LEGEND

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- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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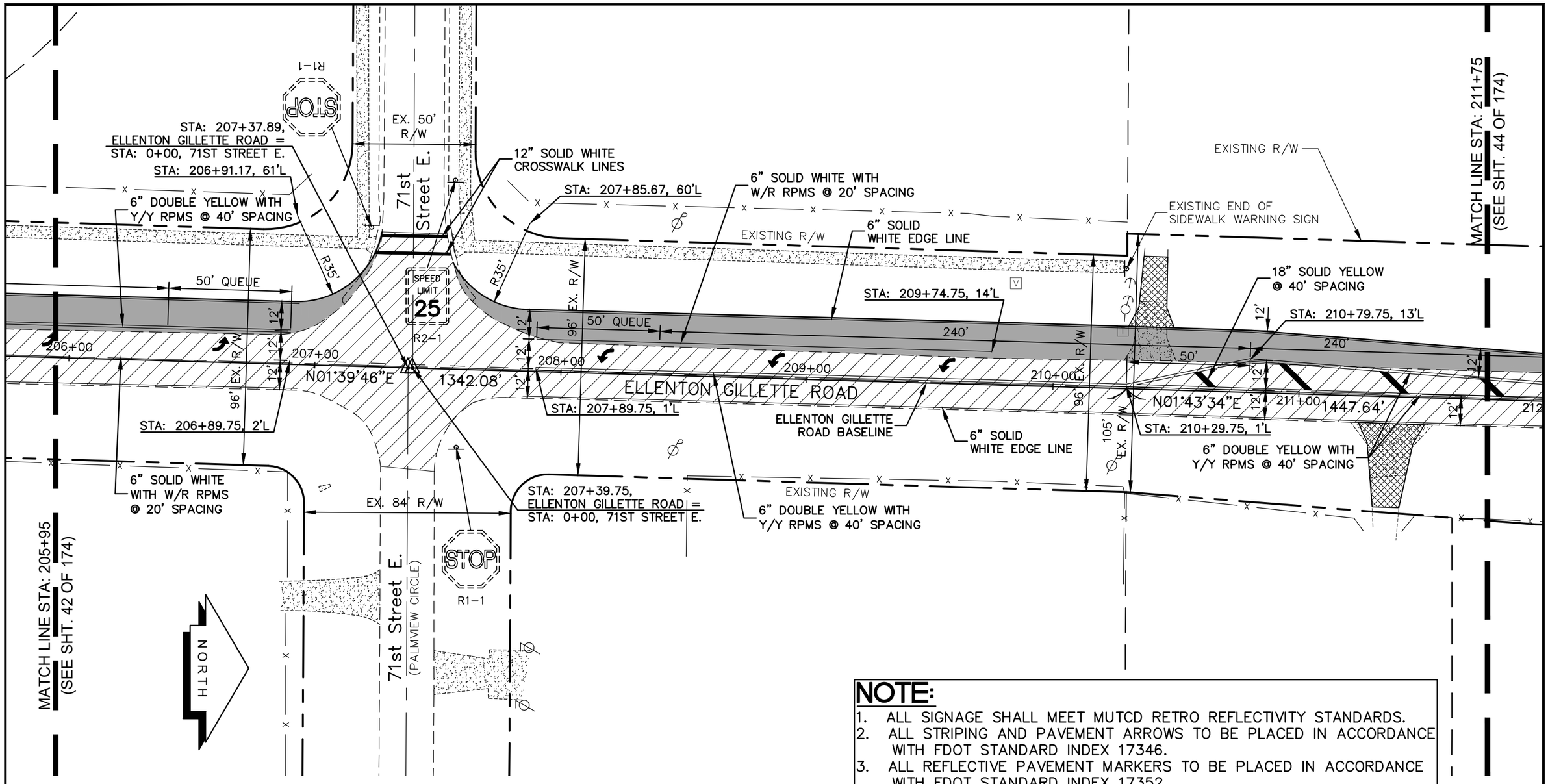
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN J.R.F. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. J.R.F. JOB NO. 7865

SHEET NO. 42 / 174



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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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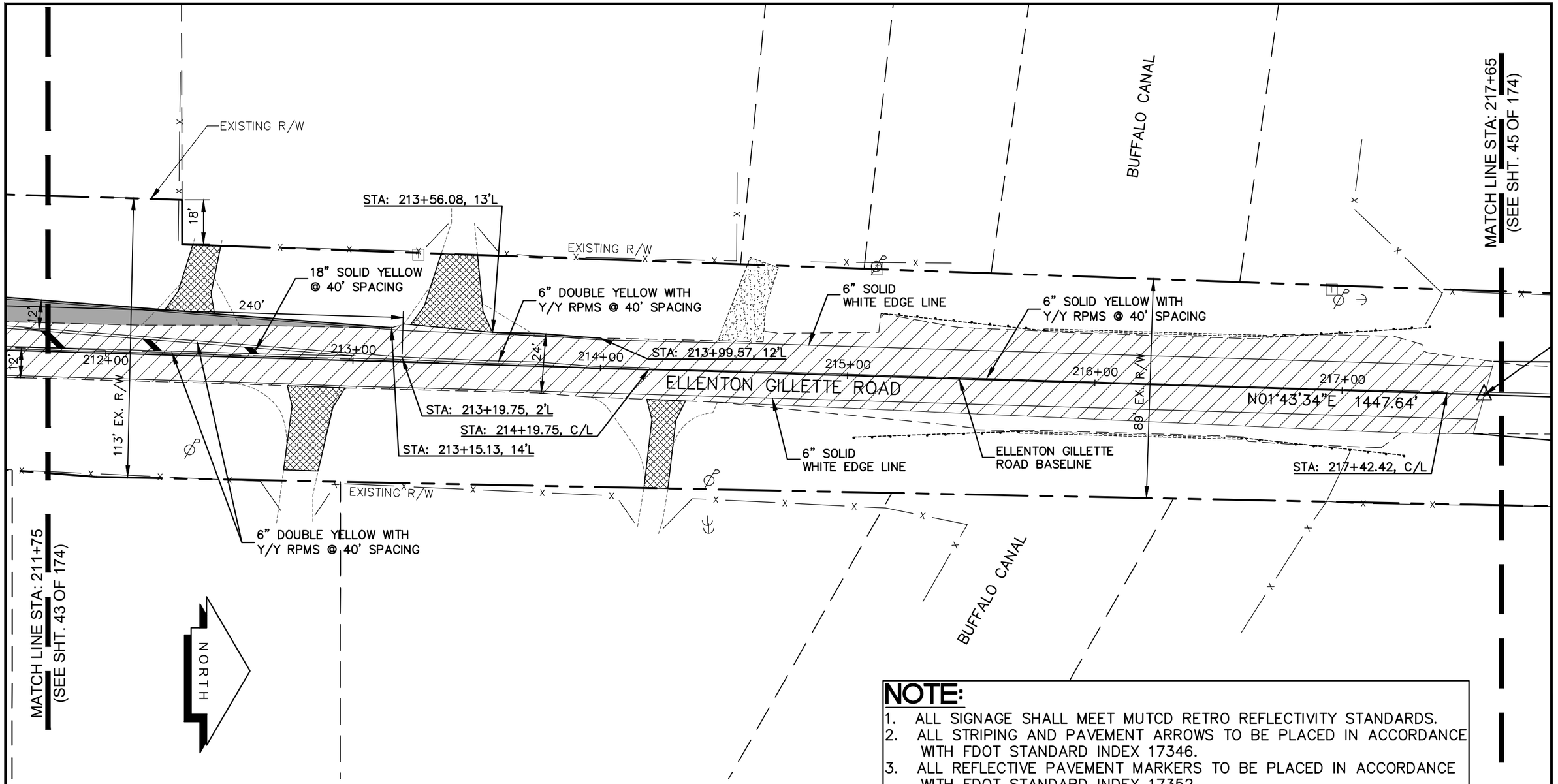
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 43/174



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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN

ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
JOHN R. FOLEY
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P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 44 / 174

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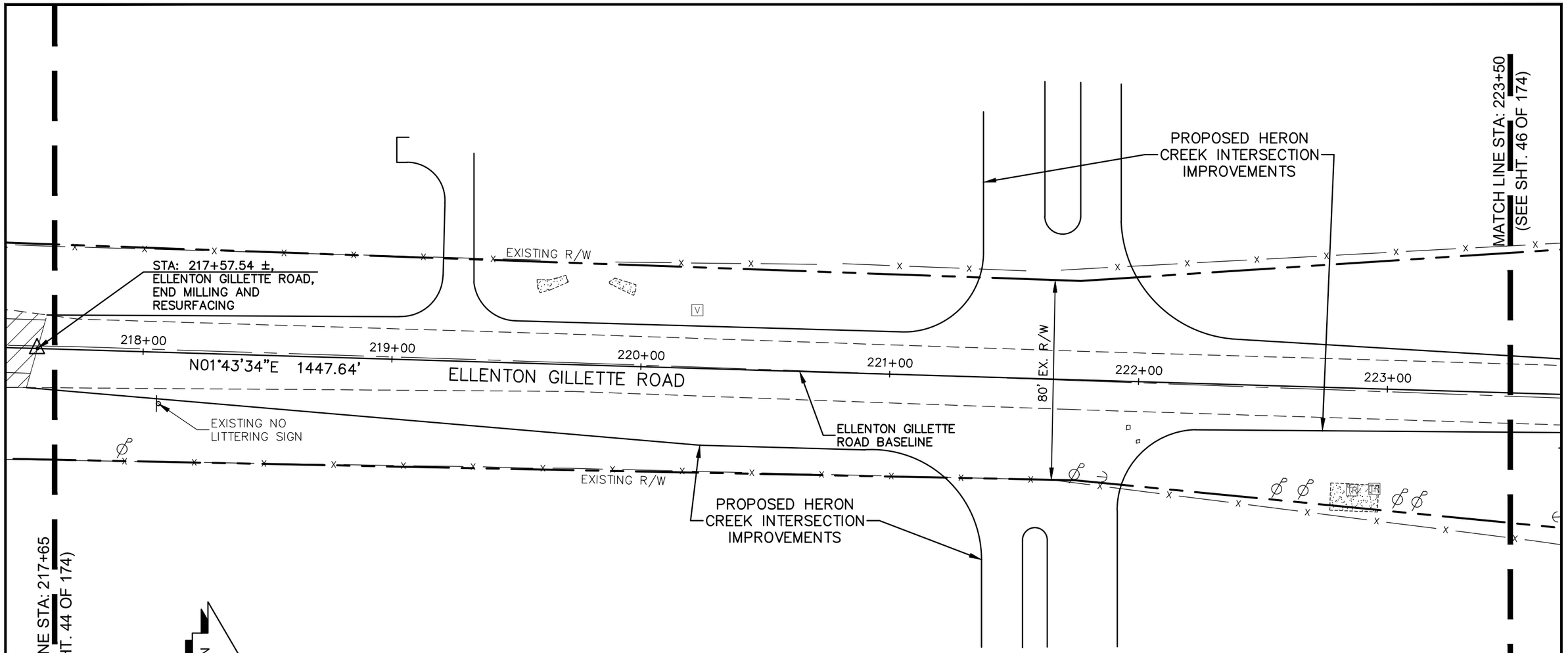

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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
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38630
P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 45/174

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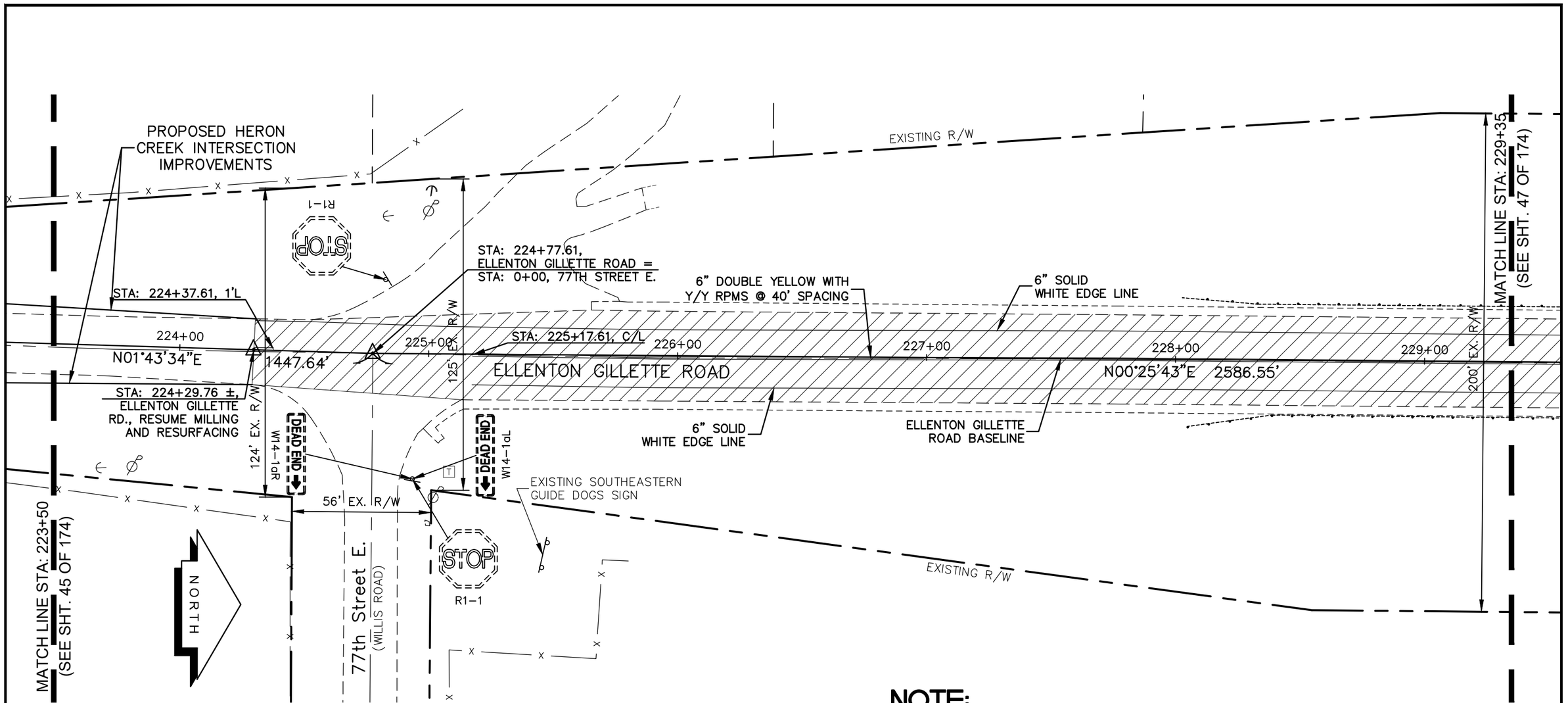

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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER

JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 46/174

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EXISTING R/W

345' EX. R/W

I-275

MATCH LINE STA: 235+20
(SEE SHT. 48 OF 174)

STA: 232+53.57,
ELLENTON GILLETTE ROAD,
END MILLING AND
RESURFACING

6" SOLID
WHITE EDGE LINE

292.83' EXISTING CONCRETE OVERPASS

200' EX. R/W

230+00

231+00

232+00

233+00

234+00

235+00

ELLENTON GILLETTE ROAD

N00°25'43"E 2586.55'

200' EX. R/W

6" SOLID
WHITE EDGE LINE

6" DOUBLE YELLOW WITH
Y/Y RPMS @ 40' SPACING

ELLENTON GILLETTE
ROAD BASELINE

MATCH LINE STA: 229+35
(SEE SHT. 46 OF 174)

I-275

EXISTING R/W

367' EX. R/W

NORTH

0 20 40 80

SCALE IN FEET

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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
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PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER

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P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 47/174

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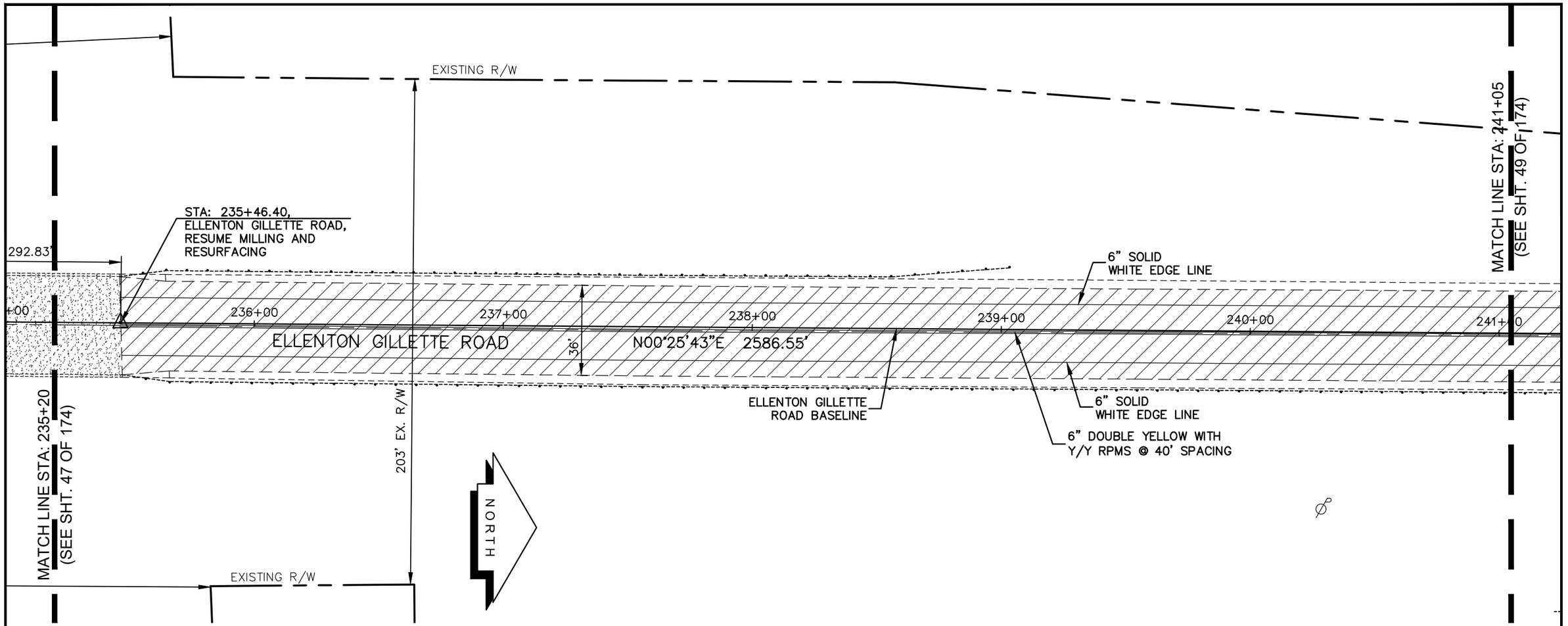

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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

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PROJECT ENGINEER
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DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 48/174

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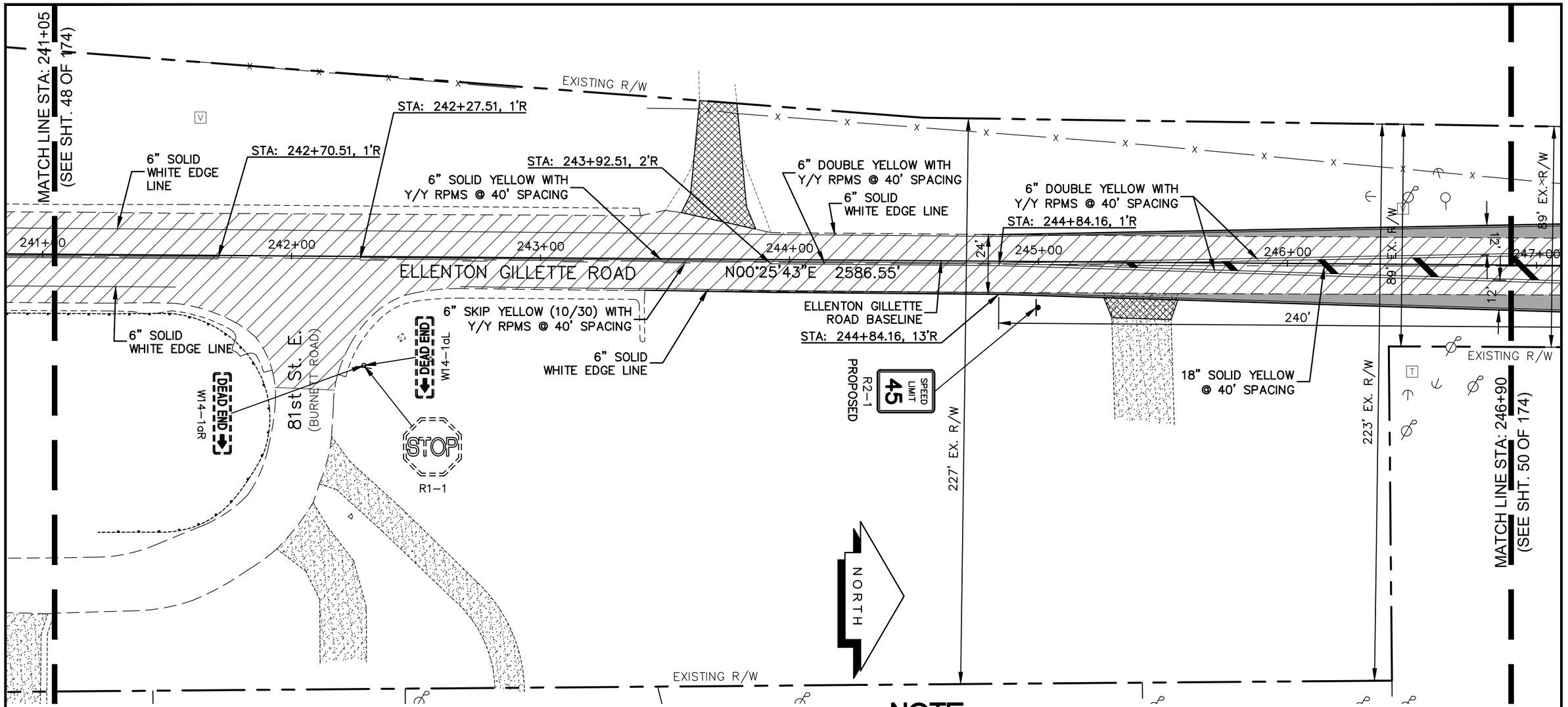

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LEGEND

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- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

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ELLENTON GILLETTE ROAD

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DRAWN P.G. SCALE 1"=40'
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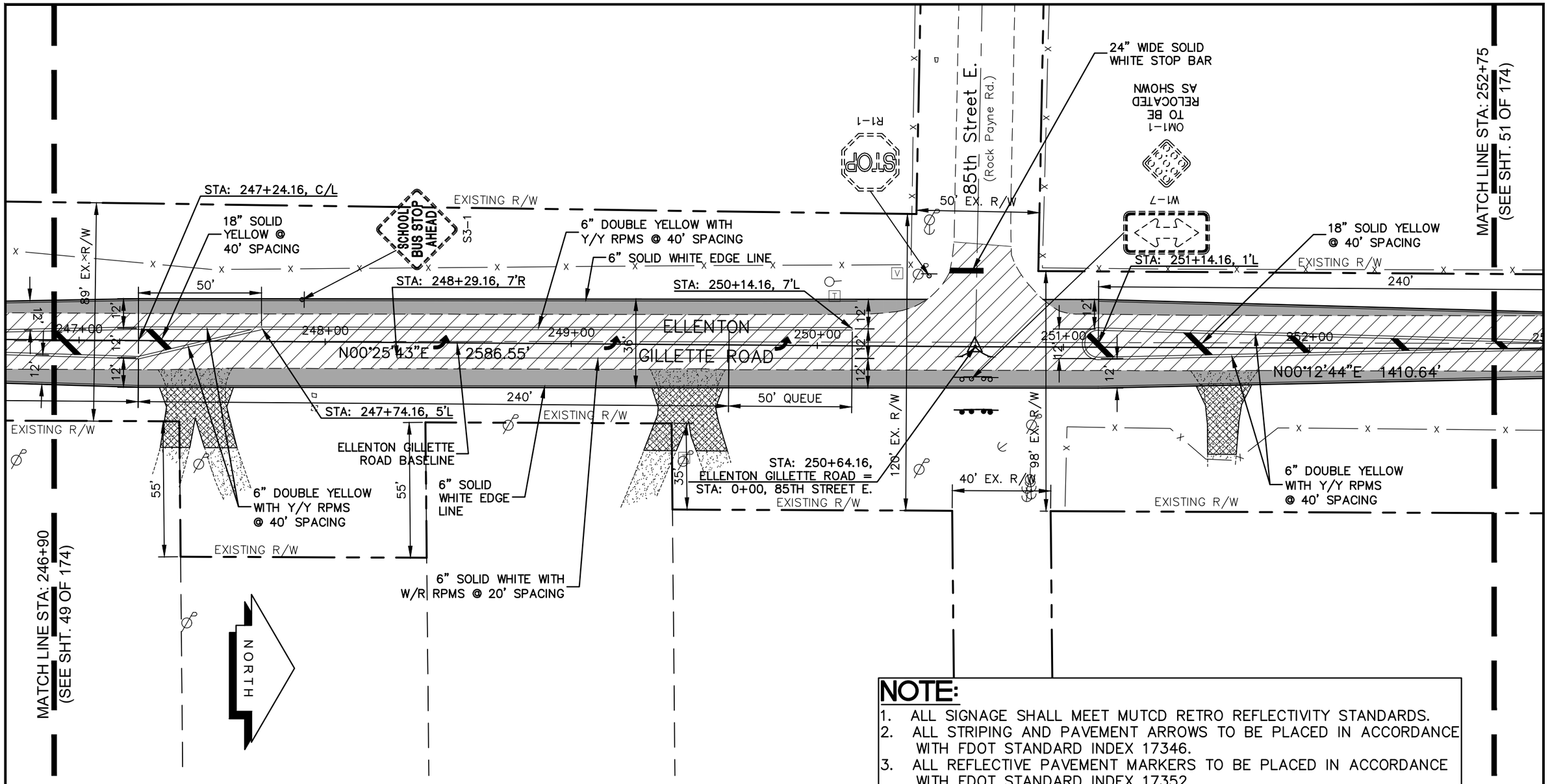
SHEET NO. 49 / 174



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SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN

ELLENTON GILLETTE ROAD

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DRAWN P.G. SCALE 1"=40'
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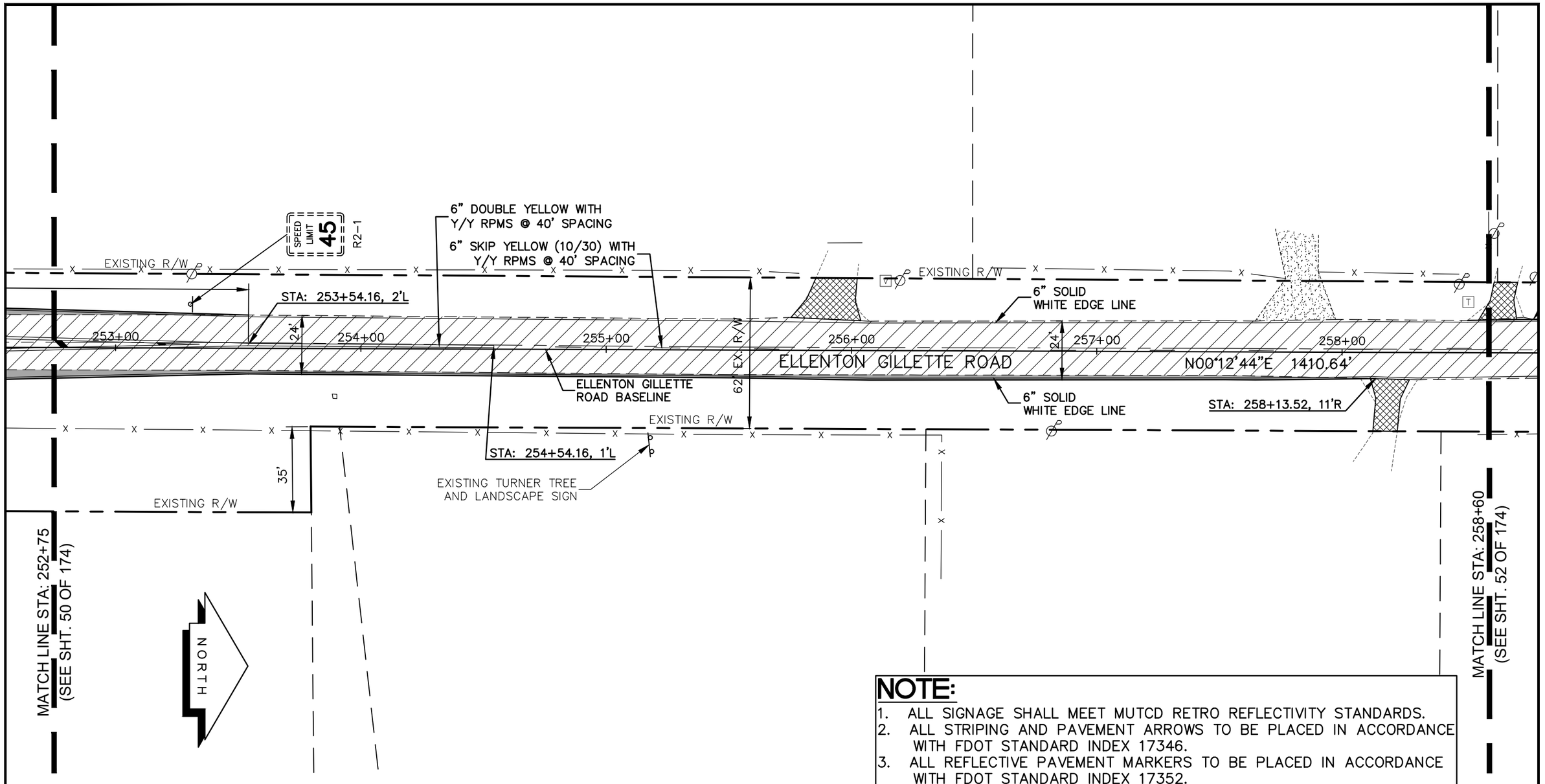
SHEET NO. 50 / 174



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SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

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APPR. JRF. JOB NO. 7865

SHEET NO. 51 / 174

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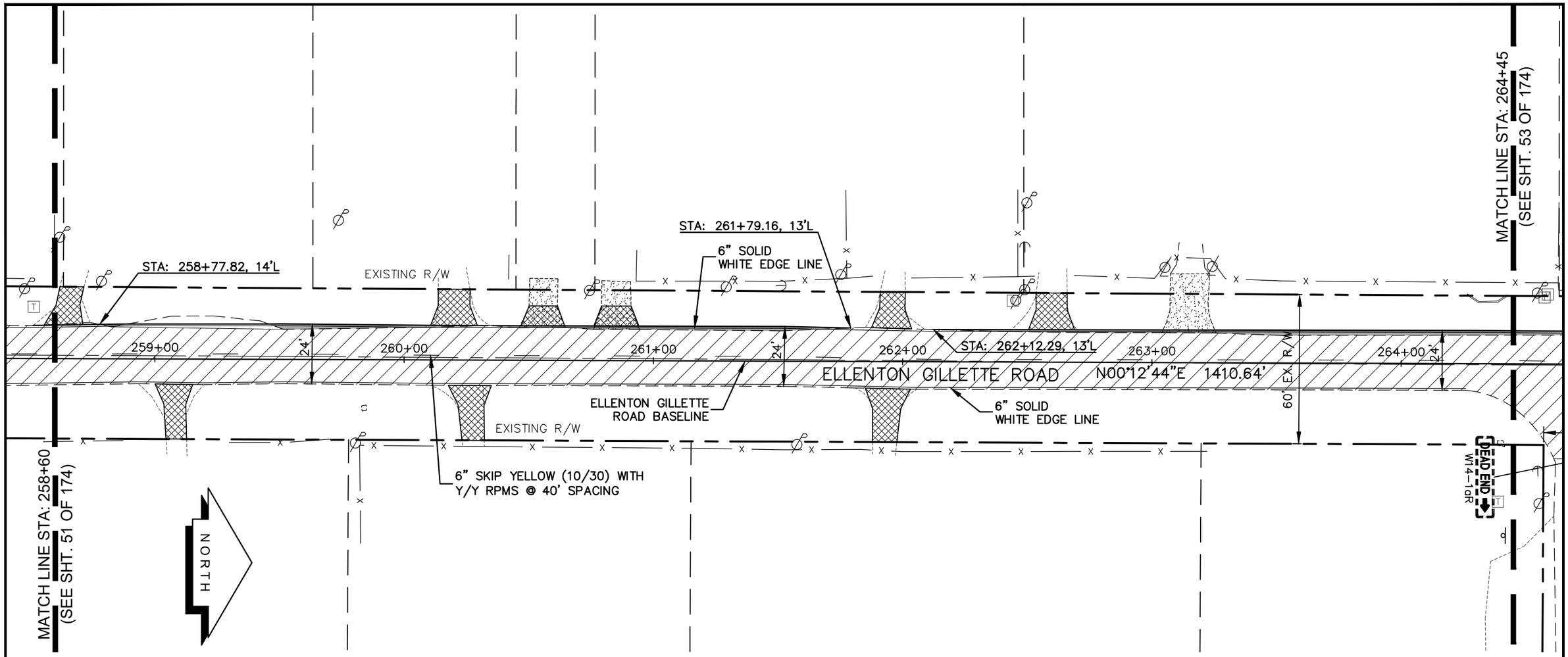

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LEGEND

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0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN

ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
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P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 52 / 174

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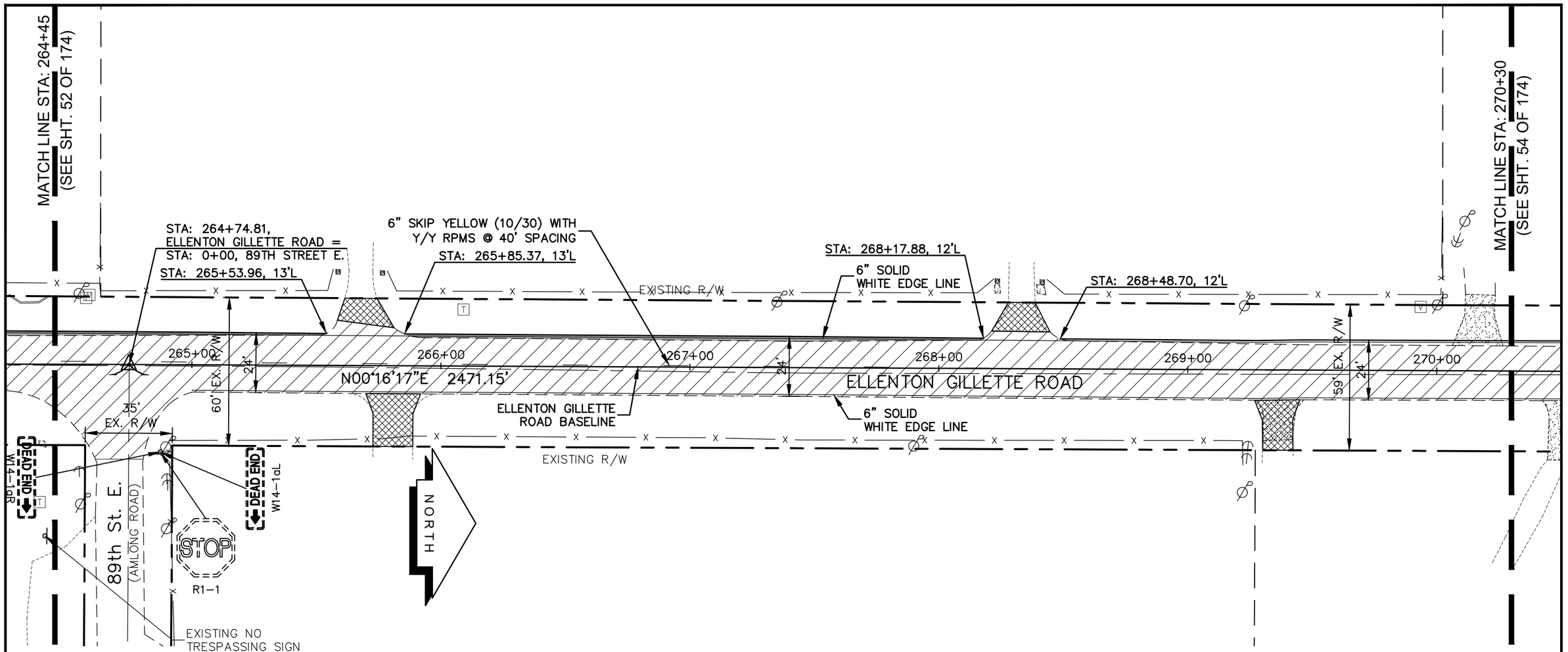

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LEGEND

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- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN

ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
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DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 53 / 174

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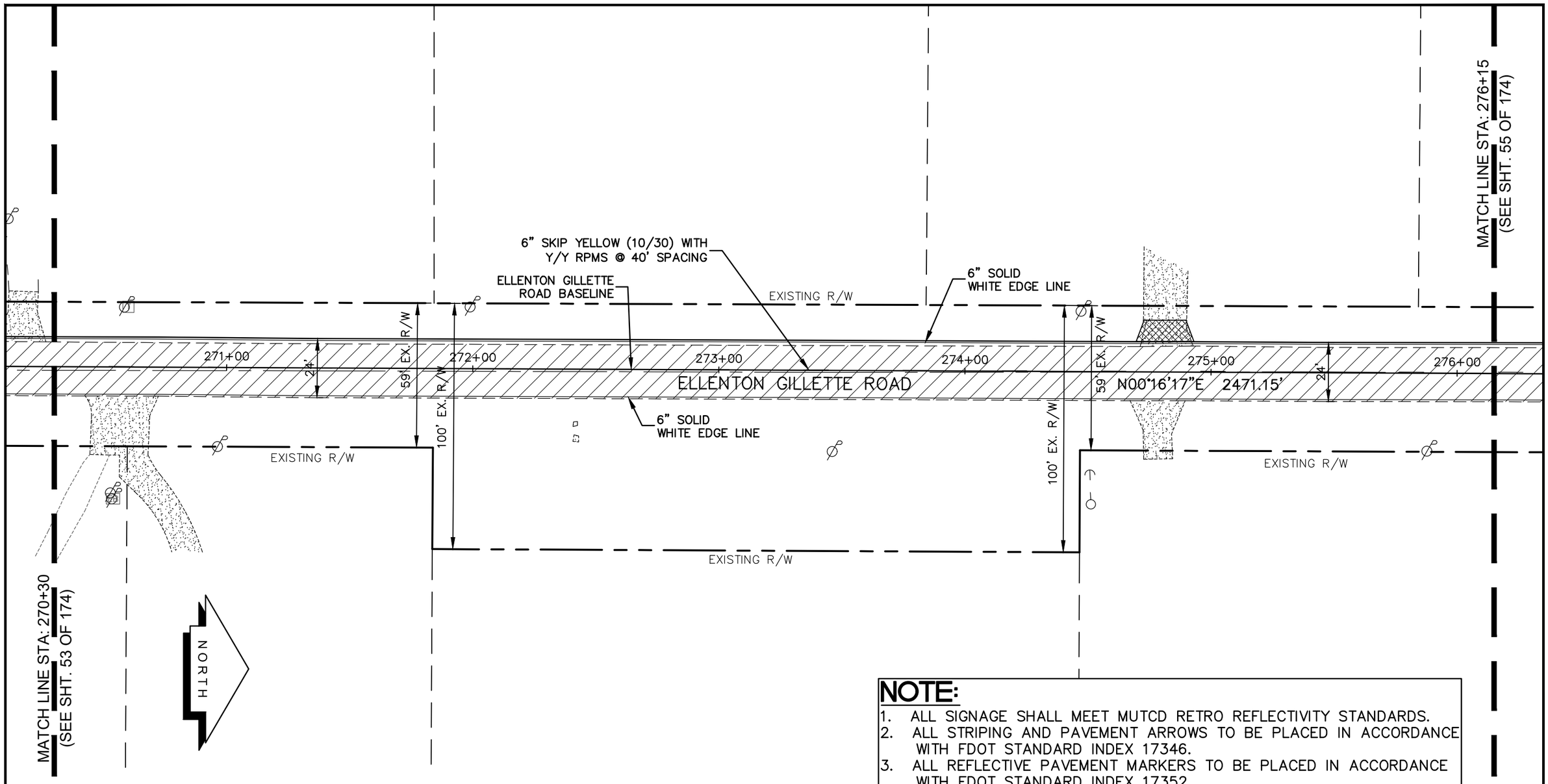

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LEGEND

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- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN

ELLENTON GILLETTE ROAD

REVISIONS

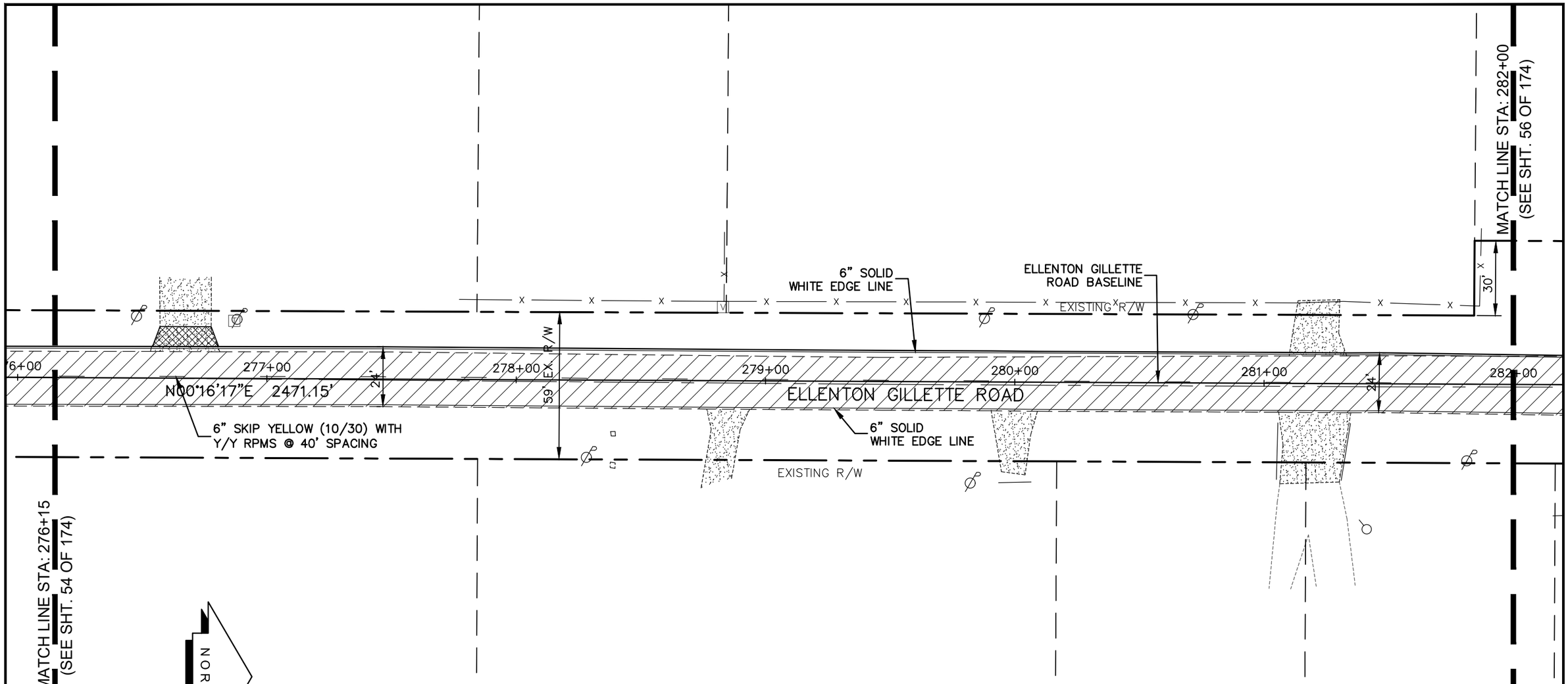
LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/18/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 54 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-PC.dwg, 10/16/2020 10:42:05 AM, cmitchell, 1:40



NOTE:

1. ALL SIGNAGE SHALL MEET MUTCD RETRO REFLECTIVITY STANDARDS.
2. ALL STRIPING AND PAVEMENT ARROWS TO BE PLACED IN ACCORDANCE WITH FDOT STANDARD INDEX 17346.
3. ALL REFLECTIVE PAVEMENT MARKERS TO BE PLACED IN ACCORDANCE WITH FDOT STANDARD INDEX 17352.
4. ELLENTON GILLETTE RD. TO BE A MINIMUM OF 24' WIDE ALONG ITS ENTIRE LENGTH AFTER CONSTRUCTION. THE LIMITS OF ALL WIDENING ARE NOTED ON THE PLANS. ALL WIDENING WIDTHS SHOWN ARE FROM THE EXISTING EDGE OF PAVEMENT ON THE OPPOSITE SIDE OF ROAD.

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

PROJECT CONTROL AND STRIPING PLAN
ELLENTON GILLETTE ROAD

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DRAWN P.G. SCALE 1"=40'
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SHEET NO. 55 / 174

STA: 283+94.55
END CONSTRUCTION

6" SOLID
WHITE EDGE LINE

6" SKIP YELLOW (10/30) WITH
Y/Y RPMS @ 40' SPACING

30'

EXISTING R/W

EXISTING R/W

EXISTING R/W

59' EX. R/W

24'

282+00

283+00

284+00

285+00

286+00

287+00

288+

N00°16'17"E 2471.15'

ELLENTON GILLETTE ROAD

ELLENTON GILLETTE
ROAD BASELINE

EXISTING R/W

6" SOLID
WHITE EDGE LINE

MATCH LINE STA: 282+00
(SEE SHT. 55 OF 174)

NORTH

0 20 40 80
SCALE IN FEET

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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

PROJECT CONTROL AND STRIPING PLAN
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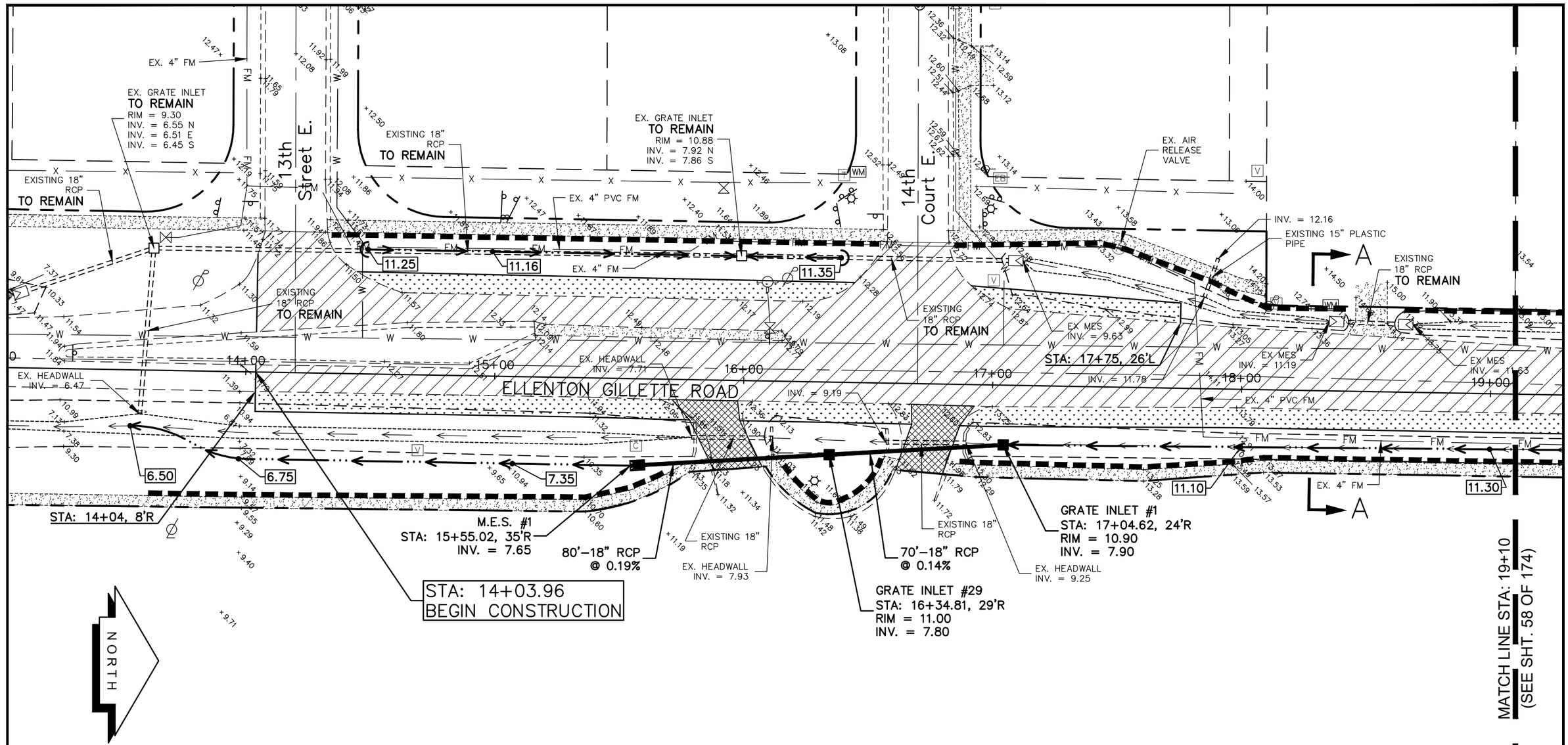
SHEET NO.
56
174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-PC.dwg, 10/16/2020 10:34:45 AM, cmitchell, 1:40



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
2. ALL DRAINAGE STRUCTURES AND PIPING NOT SPECIFICALLY NOTED TO REMAIN, ARE TO BE REMOVED.
3. ALL MAILBOXES TO BE REMOVED AND RESET AS REQUIRED.

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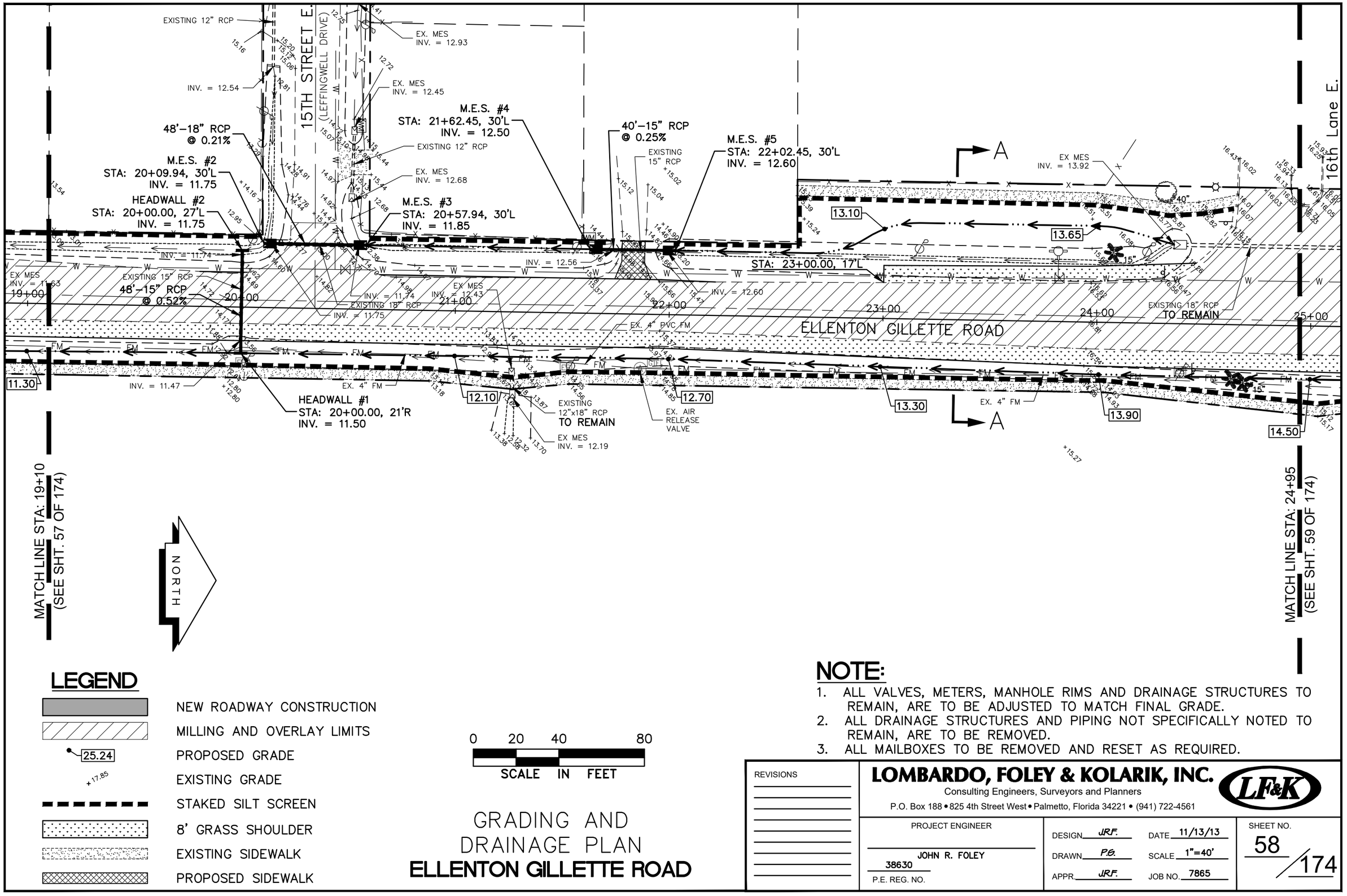
SHEET NO. 57 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-G.dwg, 10/16/2020 10:49:37 AM, cmitchell, 1:40



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
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0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

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SHEET NO. 58 / 174

16th Lane E.

17th Street E.

ELLENTON GILLETTE ROAD

EX MES
INV. = 13.76

EX. SAN. MH.
RIM = 16.38

EX. 8" PVC SAN.

EX. MES
INV. = 13.04

EXISTING 15" PVC
TO REMAIN

GRATE INLET #30
STA: 28+76.66, 29'L
RIM = 15.75
INV. = 13.53

76'–15" RCP @ 0.55%

EX MES
INV. = 13.32

EXISTING 12"
RCP

EX MES
INV. = 13.78

M.E.S. #7
STA: 29+52.61, 30'L
INV. = 13.95

M.E.S. #8
STA: 30+44.03, 30'L
INV. = 14.55

EX. PED.
PUSHBUTTON POST

EXISTING 18"
RCP
TO REMAIN

EX. SAN. MH.
RIM = 16.80

EXISTING JUNCTION BOX
(COULD NOT LOCATE)

EX MES
INV. = 13.53

EX MES
INV. = 13.54

EXISTING 12"
RCP

EX. 4" PVC FM

EX. 8" PVC SAN.

EXISTING 2–8"
PVC

25+00 26+00 27+00 28+00 29+00 30+00

14.50 15.00 15.20 15.70 14.25 15.10

MATCH LINE STA: 24+95
(SEE SHT. 58 OF 174)

MATCH LINE STA: 30+80
(SEE SHT. 60 OF 174)

NORTH

LEGEND

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GRADING AND DRAINAGE PLAN
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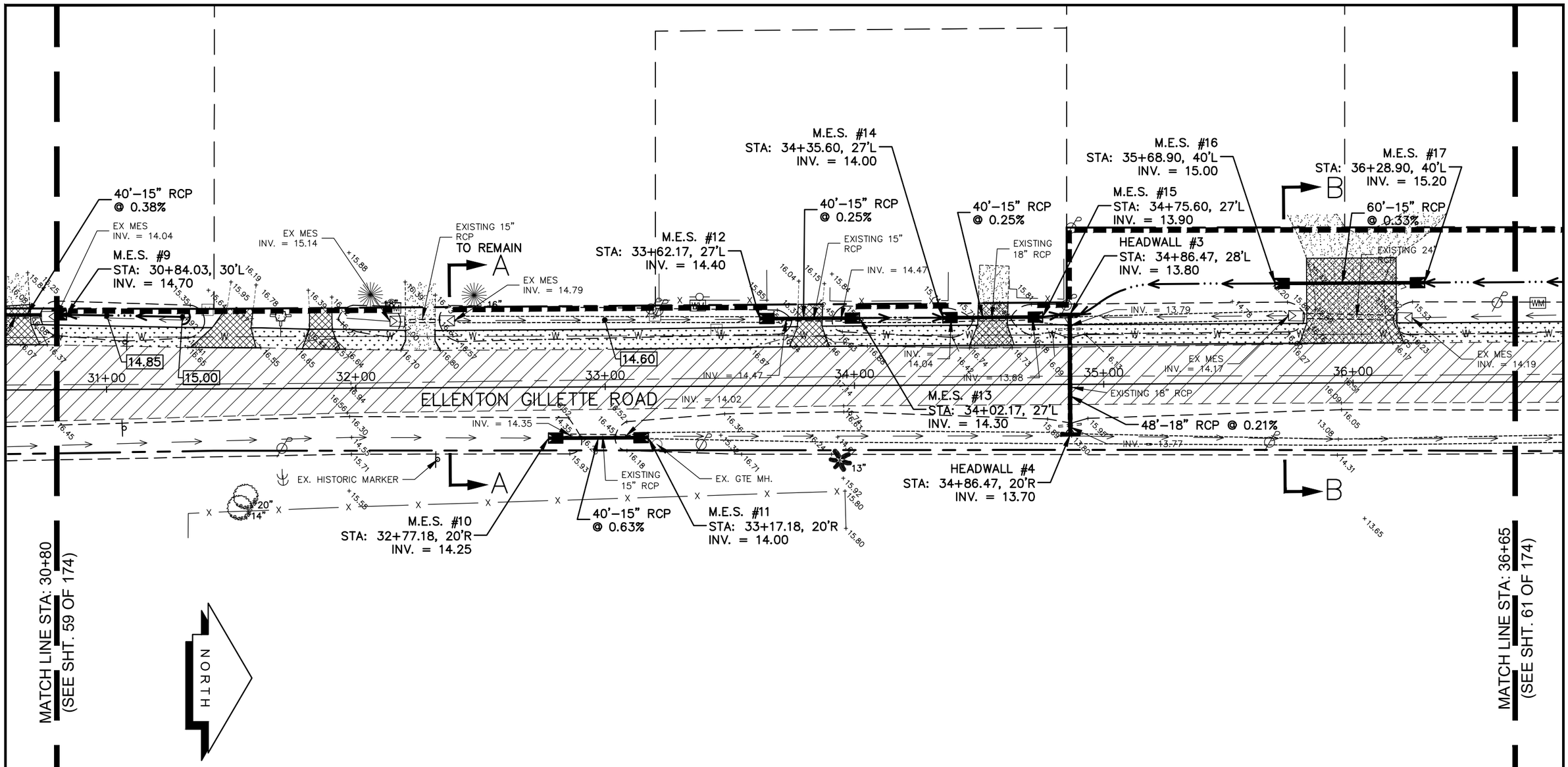

MATCH LINE STA: 30+80
(SEE SHT. 59 OF 174)

MATCH LINE STA: 36+65
(SEE SHT. 61 OF 174)

NORTH

LEGEND

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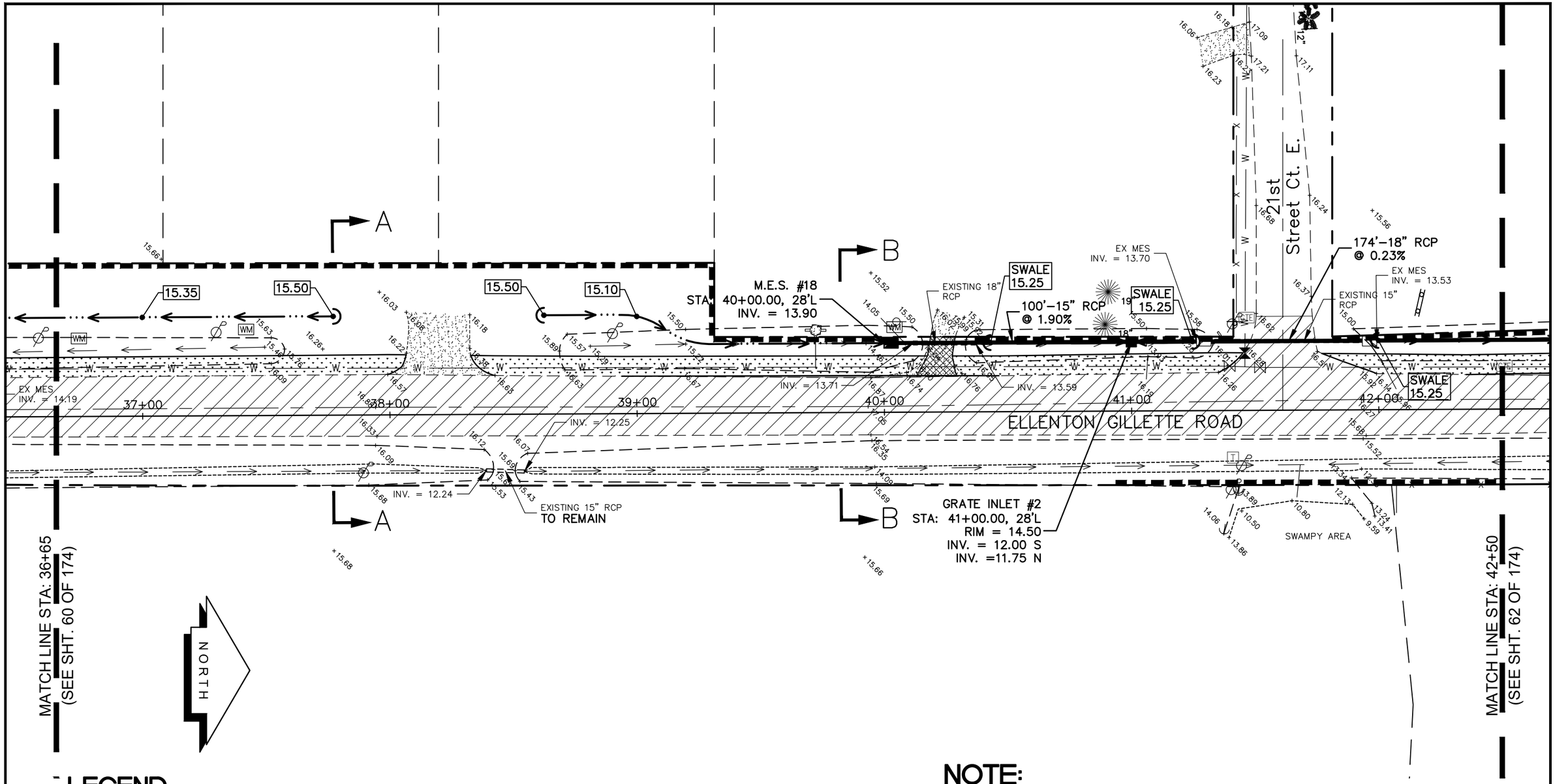

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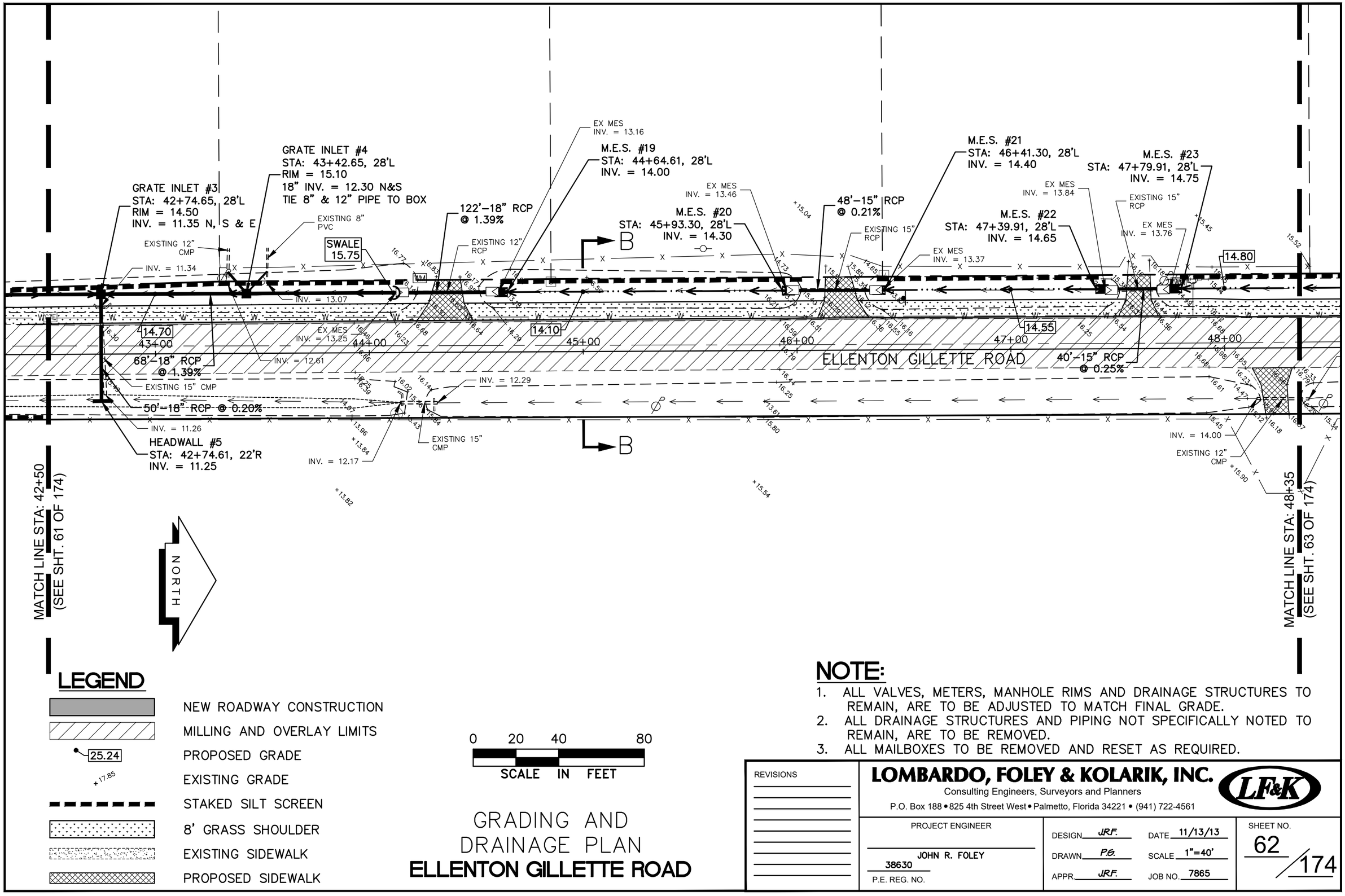

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SCALE IN FEET

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SHEET NO. 62/174

40'–15" RCP @ 0.25%

EX MES INV. = 15.77

M.E.S. #24 STA: 49+14.54, 28'L INV. = 15.10

15.05

EXISTING 12" RCP

EX MES INV. = 15.71

M.E.S. #25 STA: 49+54.54, 28'L INV. = 15.20

40'–15" RCP @ 0.25%

EXISTING 12" RCP

M.E.S. #27 STA: 50+13.30, 28'L INV. = 15.40

A

B

HEADWALL #7 STA: 53+79.12, 27'L INV. = 11.25

INV. = 11.22

EXISTING 36" RCP

50'–36" RCP @ 1.20%

INV. = 11.84

HEADWALL #6 STA: 53+79.12, 23'R INV. = 11.85

16.65

17.00

EX MES INV. = 15.87

ELLENTON GILLETTE ROAD

49+00

50+00

51+00

52+00

53+00

54+00

INV. = 14.09

EX. SOLAR COLLECTION

M.E.S. #26 STA: 49+73.30, 28'L INV. = 15.30

EX MES INV. = 15.92

MATCH LINE STA: 48+35 (SEE SHT. 62 OF 174)

MATCH LINE STA: 54+20 (SEE SHT. 64 OF 174)

NORTH

LEGEND

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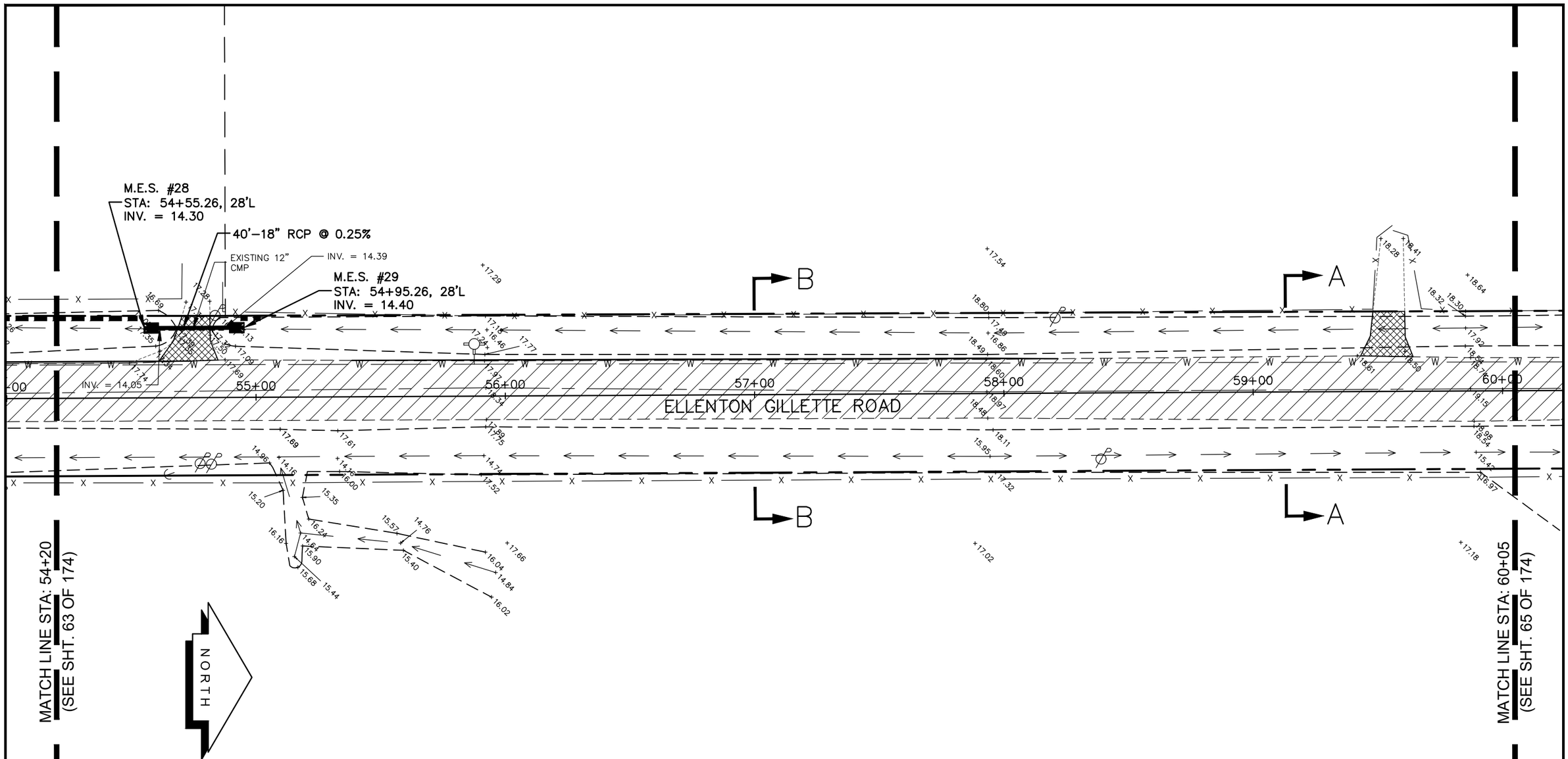

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GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

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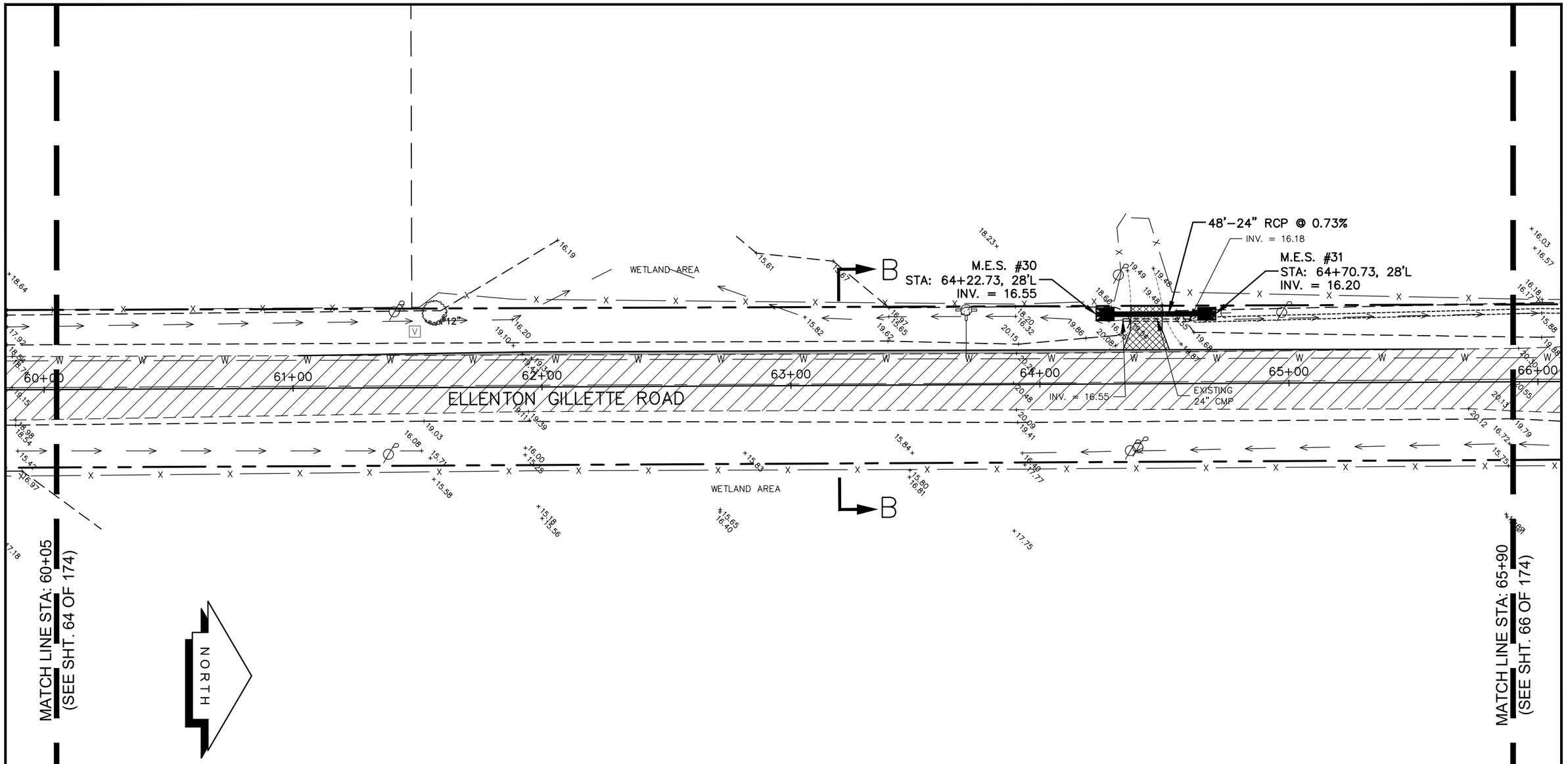

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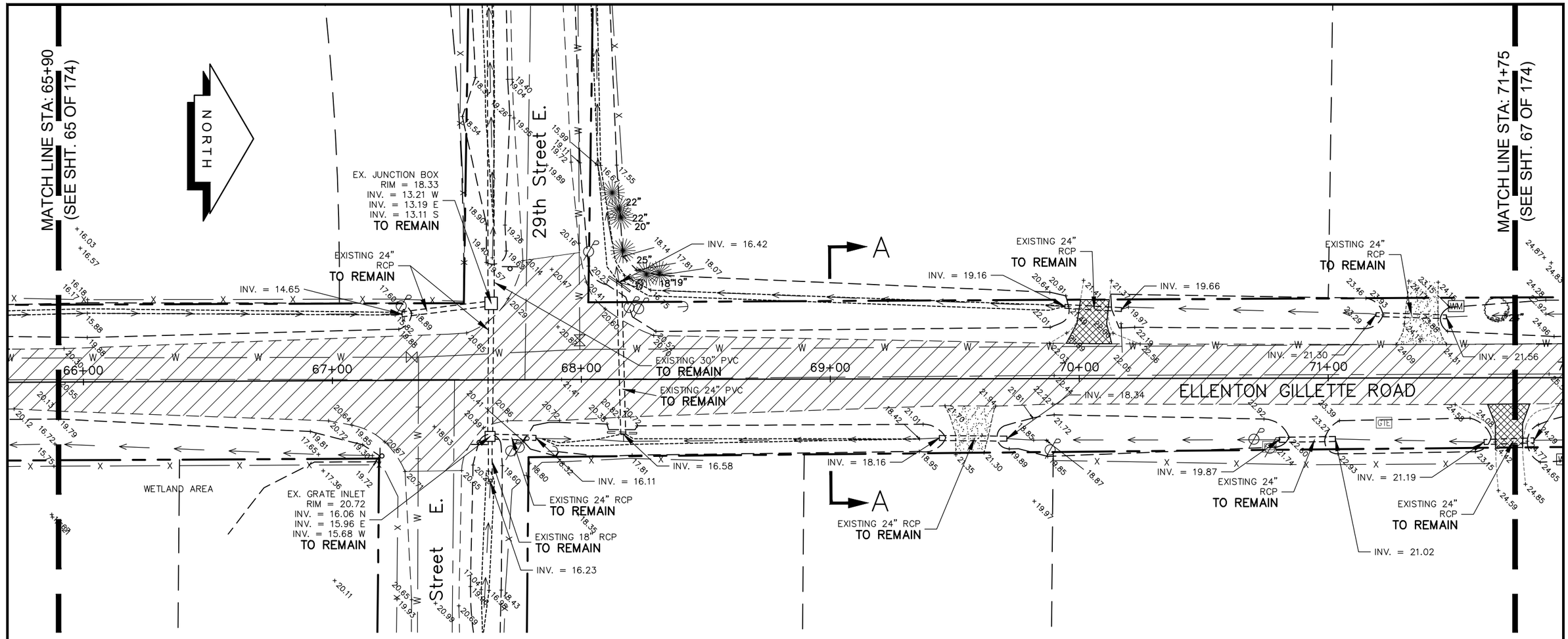

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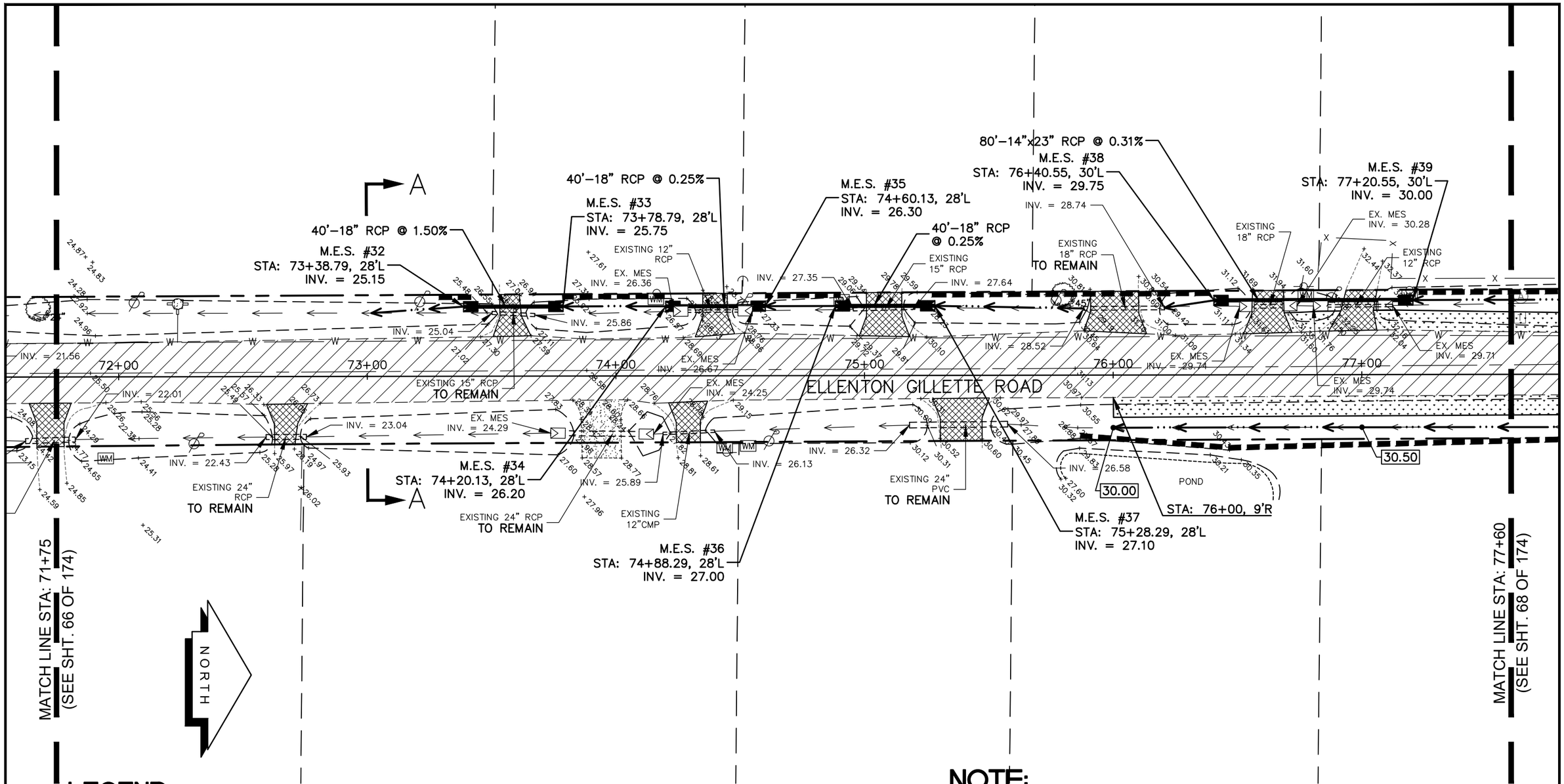

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SHEET NO. 67 / 174

MATCH LINE STA: 77+60
(SEE SHT. 67 OF 174)

NORTH

M.E.S. #40
STA: 79+16.69, 30'L
INV. = 31.55

M.E.S. #41
STA: 79+56.69, 30'L
INV. = 31.70

40'–15" RCP
@ 0.38%

INV. = 31.66

EXISTING 18" RCP

EXISTING 15" RCP

INV. = 31.67

RESET EXISTING FENCE
STA: 81+00 TO STA: 83+00

M.E.S. #46
STA: 81+54.47, 30'L
INV. = 32.45

EXISTING 18" RCP

INV. = 32.77

68'–15" RCP
@ 0.37%

EXISTING 18" RCP

INV. = 32.86

INV. = 33.06

M.E.S. #47
STA: 82+21.88, 30'L
INV. = 32.70

EXISTING 12"/15" RCP
TO BE REMOVED

INV. = 32.80

EX. MES
INV. = 32.72

ELLENTON GILLETTE ROAD

INV. = 30.34

M.E.S. #42
STA: 79+86.36, 24'R
INV. = 31.85

EX. MES
INV. = 30.69

60'–18" RCP
@ 0.33%

M.E.S. #44
STA: 81+10.43, 24'R
INV. = 32.30

INV. = 30.67

M.E.S. #43
STA: 80+46.36, 24'R
INV. = 32.05

EX. MES
INV. = 30.67

EXISTING
15" RCP

M.E.S. #45
STA: 81+58.41, 25'R
INV. = 32.50

INV. = 30.52

48'–15" RCP
@ 0.42%

EXISTING 18" RCP
TO BE REMOVED

33rd Street East

MATCH LINE STA: 83+45
(SEE SHT. 69 OF 174)

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
2. ALL DRAINAGE STRUCTURES AND PIPING NOT SPECIFICALLY NOTED TO REMAIN, ARE TO BE REMOVED.
3. ALL MAILBOXES TO BE REMOVED AND RESET AS REQUIRED.

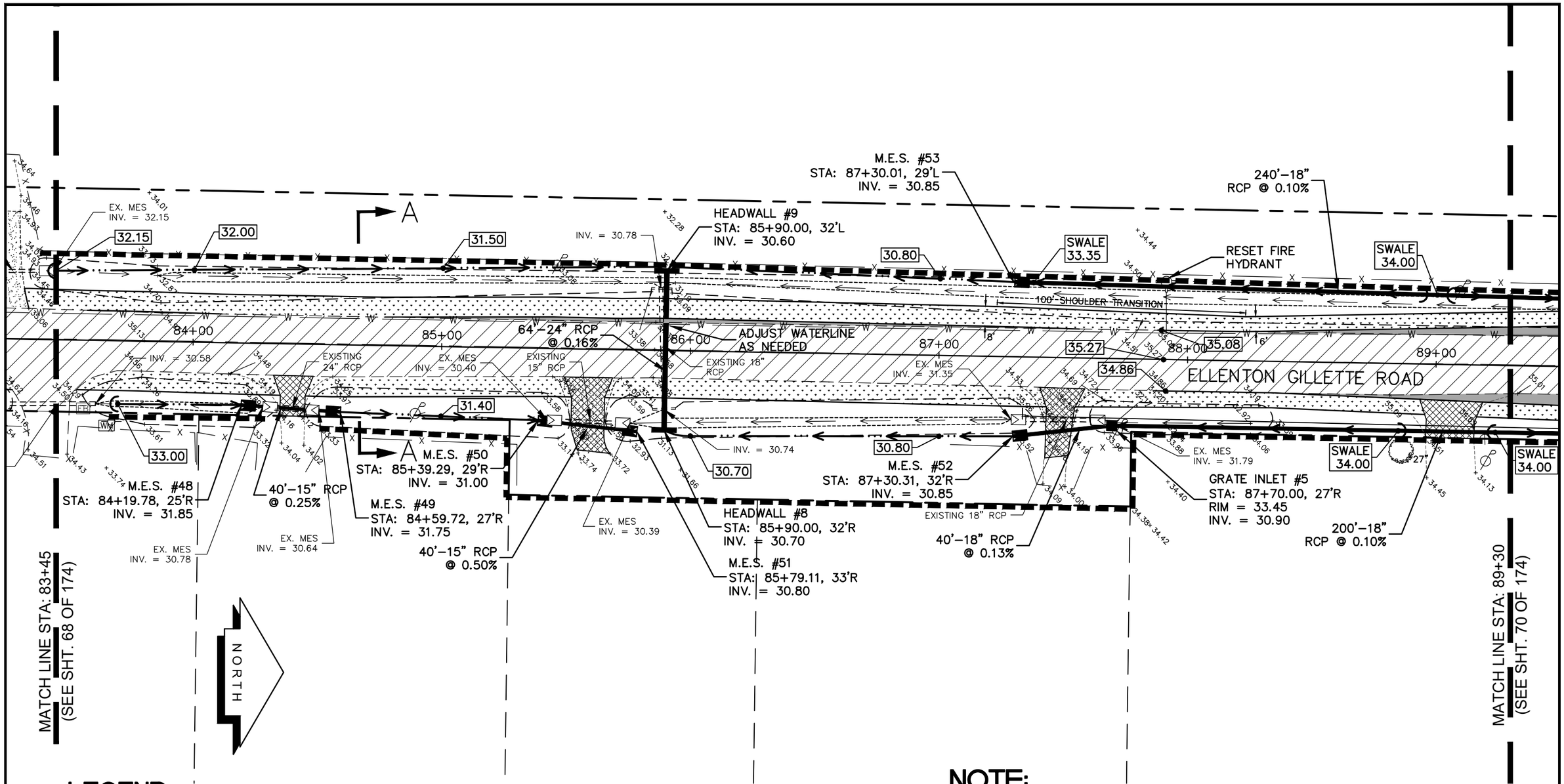
REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN J.R.F. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. J.R.F. JOB NO. 7865

SHEET NO. 68/174



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

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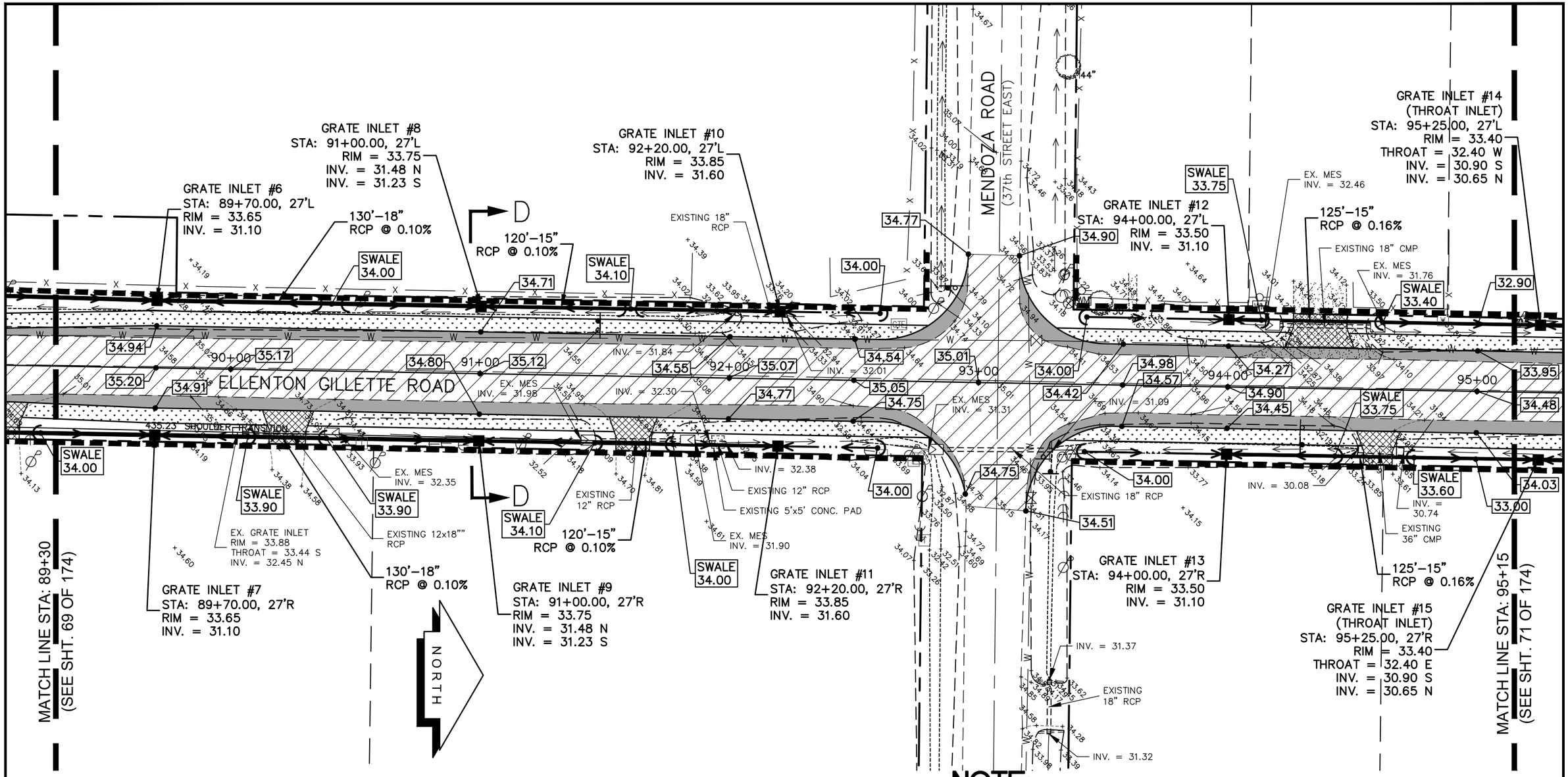
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 69 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-G.dwg, 10/16/2020 10:53:56 AM, cmitchell, 1:40



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

NOTE:

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GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 70 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-G.dwg, 10/16/2020 10:54:20 AM, cmitchell, 1:40

BENCHMARK:
A R.R. SPIKE SET IN (E) SIDE OF POWER POLE 45'± (N) OF THE R.R. TRACK ON ELLENTON GILLETTE ROAD & 18'± (W) OF THE WEST E/P
INV. = 31.30 (NGVD 29)

M.E.S. #54
STA: 97+56.00, 51'L
INV. = 30.50

GRATE INLET #14 (THROAT INLET)
STA: 95+25.00, 27'L
RIM = 33.40
THROAT = 32.40 W
INV. = 30.90 S
INV. = 30.65 N

GRATE INLET #16 (THROAT INLET)
STA: 97+00.00, 27'L
RIM = 33.25
THROAT = 32.25 W
INV. = 30.47

M.E.S. #55
STA: 97+91.52, 69'L
INV. = 30.70

GRATE INLET #19
STA: 98+14.00, 27'L
RIM = 33.10
INV. = 30.35

38th Street E.

39th Street E.

ELLENTON GILLETTE ROAD

28'–18" RCP @ 0.36%
48'–18" RCP @ 0.73%
44'–18" RCP @ 0.10%
175'–18" RCP @ 0.10%
70'–18" RCP @ 0.10%
70'–18" RCP @ 0.17%
60'–18" RCP @ 0.17%
40'–18" RCP @ 0.88%
20'–18" RCP @ 0.25%
STA: 98+28, 12'R

SWALE 32.75
SWALE 33.00
SWALE 32.50
SWALE 32.35
SWALE 32.50
SWALE 32.35

RESET EXISTING HYDRANT

EXISTING 18" RCP
EXISTING 12" RCP
EX. MES INV. = 31.04
EXISTING 15" RCP
EXISTING 12" CMP
EXISTING 15" CMP
EXISTING 24" RCP TO REMAIN
EXISTING BRICK AND CEMENT WALL
EXISTING CONCRETE DRIVE
EXISTING 6' HIGH WOOD FENCE
EXISTING RAILROAD

END OF PIPE INV = 29.06
END OF PIPE INV = 29.93
END OF PIPE INV = 29.15
END OF PIPE INV = 29.68
END OF PIPE INV = 30.06
END OF PIPE INV = 29.43

GRATE INLET #15 (THROAT INLET)
STA: 95+25.00, 27'R
RIM = 33.40
THROAT = 32.40 E
INV. = 30.90 S
INV. = 30.65 N

GRATE INLET #17 (THROAT INLET)
STA: 97+00.00, 27'R
RIM = 33.25
THROAT = 32.25 E
INV. = 30.47

JUNCTION BOX #1
STA: 97+64.29, 19'L
RIM = 33.75
INV. = 30.35

GRATE INLET #18 (THROAT INLET)
STA: 97+70.00, 27'R
RIM = 33.15
THROAT = 32.15 E
INV. = 30.40

M.E.S. #56
STA: 98+33.89, 25'L
INV. = 30.30

M.E.S. #57
STA: 98+29.97, 25'R
INV. = 30.25

M.E.S. #58
STA: 99+37.15, 25'R
INV. = 30.05

M.E.S. #59
STA: 9+77.15, 25'R
INV. = 29.70

MATCH LINE STA: 95+15 (SEE SHT. 70 OF 174)

MATCH LINE STA: 101+00 (SEE SHT. 72 OF 174)

MATCH NEW R.R. CROSSING CONSTRUCTION

NORTH

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

NOTE:

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3. ALL MAILBOXES TO BE REMOVED AND RESET AS REQUIRED.

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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Consulting Engineers, Surveyors and Planners
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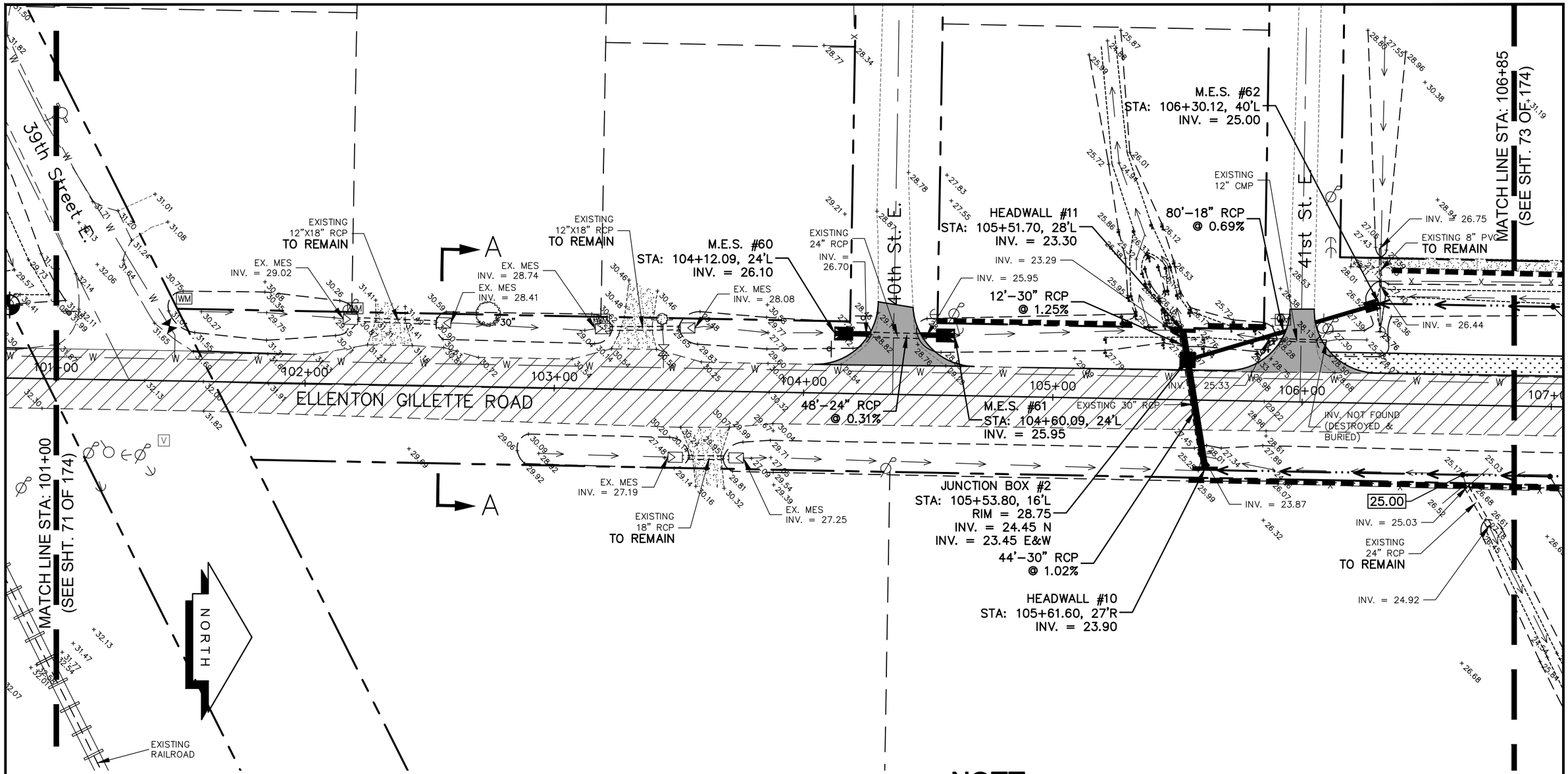
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 71 / 174



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 72/174

MATCH LINE STA: 106+85
(SEE SHT. 72 OF 174)

MATCH LINE STA: 112+75
(SEE SHT. 74 OF 174)

M.E.S. #64
STA: 109+50.56, 40'L
INV. = 25.75

48'–18" RCP
@ 0.21%

M.E.S. #63
STA: 109+02.56, 40'L
INV. = 25.65

DRY
RETENTION
AREA

EXISTING WEIR
INV. = 26.72

EXISTING
24" CMP

EXISTING 12" PVC
TO REMAIN

EXISTING 10" PVC
TO REMAIN

INV. = 25.96

INV. = 25.68

INV. = 25.65

INV. = 25.55

INV. = 26.52

EX. MES
INV. = 26.10

EX. GRATE INLET
RIM = 27.96
INV. = 25.69 E
TO REMAIN

EXISTING
15" RCP
TO REMAIN

EXISTING 24" RCP
TO REMAIN

EXISTING
19"x30" RCP
TO REMAIN

EX. MES
INV. = 25.59

EX. MES
INV. = 25.50

EX. MES
INV. = 25.38

EX. MES
INV. = 25.04

EX. MES
INV. = 25.08

EX. MES
INV. = 26.94

EX. MES
INV. = 26.98

EX. MES
INV. = 26.82

EXISTING
14"x23" RCP
TO REMAIN

EXISTING
19"x30" RCP
TO REMAIN

EX. J.B.
RIM = 28.84
INV. = 25.34 N, S, W

EXISTING 24" RCP
TO REMAIN

25.20

25.40

25.60

25.95

25.20

25.70

26.20

26.70

107+00

108+00

109+00

110+00

111+00

112+00

ELLENTON GILLETTE ROAD

NORTH

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
2. ALL DRAINAGE STRUCTURES AND PIPING NOT SPECIFICALLY NOTED TO REMAIN, ARE TO BE REMOVED.
3. ALL MAILBOXES TO BE REMOVED AND RESET AS REQUIRED.

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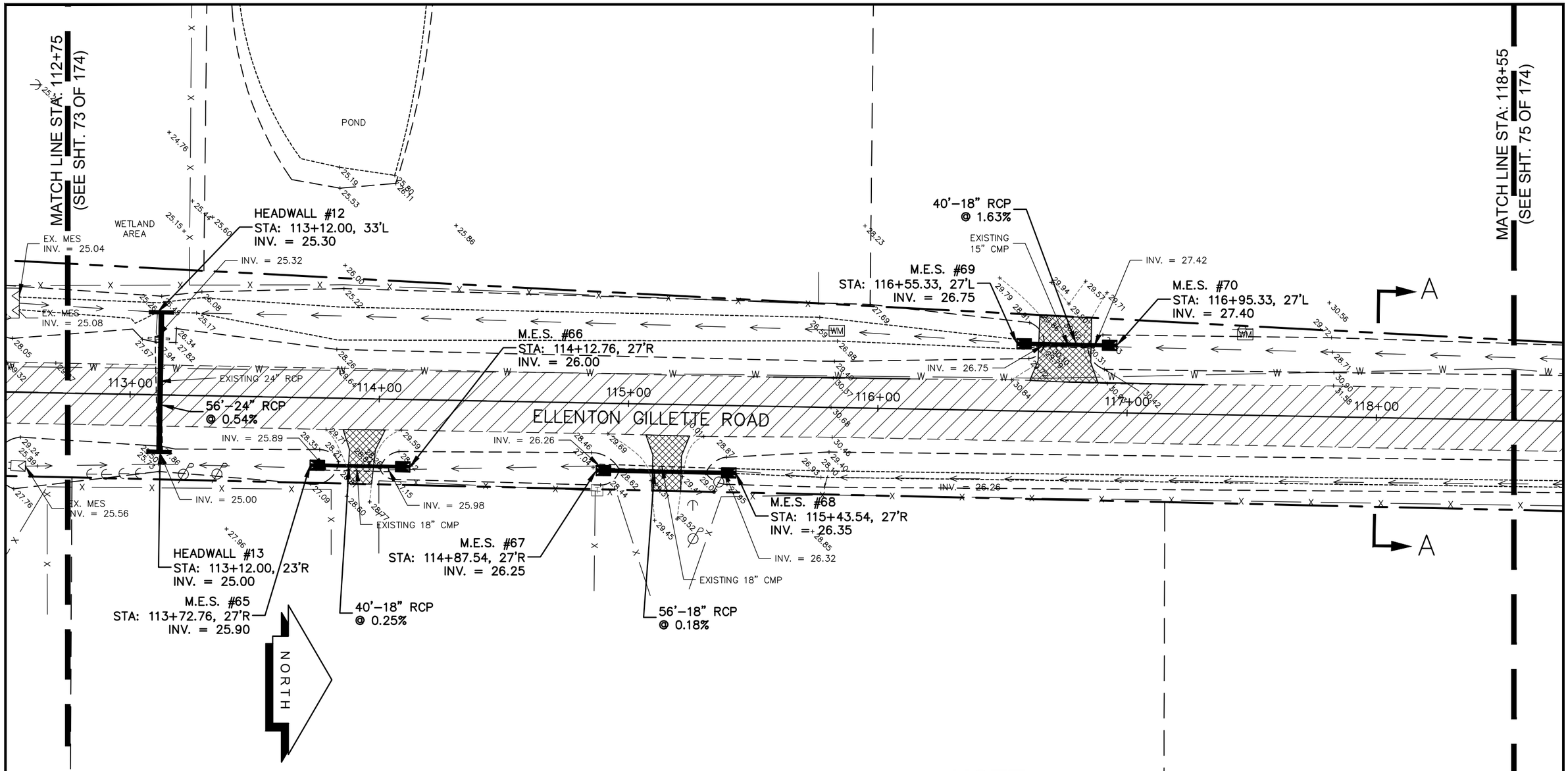
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 73 / 174



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

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P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 74 / 174

40'-18" RCP
@ 0.63%

EXISTING
18" CMP

INV. = 28.87
M.E.S. #73
STA: 118+92.18,
25'L
INV. = 28.90

INV. = 28.80
M.E.S. #74
STA: 119+32.18, 25'L
INV. = 29.15

M.E.S. #75
STA: 124+20.44, 36'L
INV. = 30.15

EX. MES
INV. = 30.98

29.30 29.50 29.70 29.90 30.10

119+00 120+00 121+00 122+00 123+00 124+00

ELLENTON GILLETTE ROAD

EXISTING
15" RCP

INV. = 28.83

40'-14"x23"
RCP @ 1.00%
M.E.S. #71
STA: 118+84.37, 27'R
INV. = 28.85

M.E.S. #72
STA: 119+24.37, 27'R
INV. = 29.25

INV. = 29.23

A

A

NORTH

MATCH LINE STA: 118+55
(SEE SHT. 74 OF 174)

MATCH LINE STA: 124+40
(SEE SHT. 76 OF 174)

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

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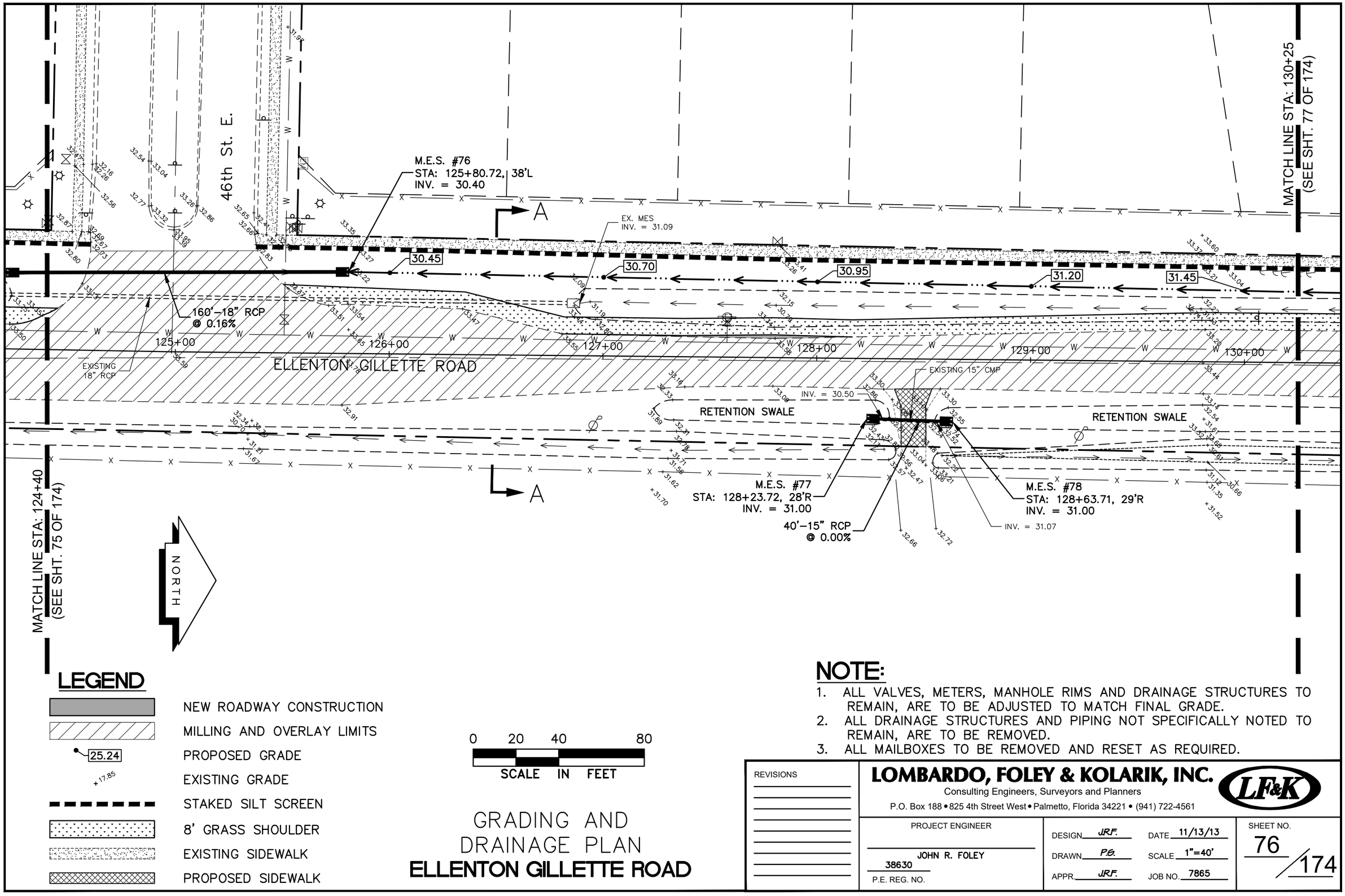
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 75 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-G.dwg, 10/16/2020 10:55:33 AM, cmitchell, 1:40



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 76/174

MATCH LINE STA: 130+25
(SEE SHT. 76 OF 174)

MATCH LINE STA: 136+10
(SEE SHT. 78 OF 174)

49th St. E.

ELLENTON GILLETTE ROAD

RETENTION SWALE

EX. 4" PVC FM

EX. SAN. MH.
RIM = 33.40

NOTE:
REMOVE TREES (IN DITCH) FROM
STA. 134+00 TO 143+00

NORTH

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

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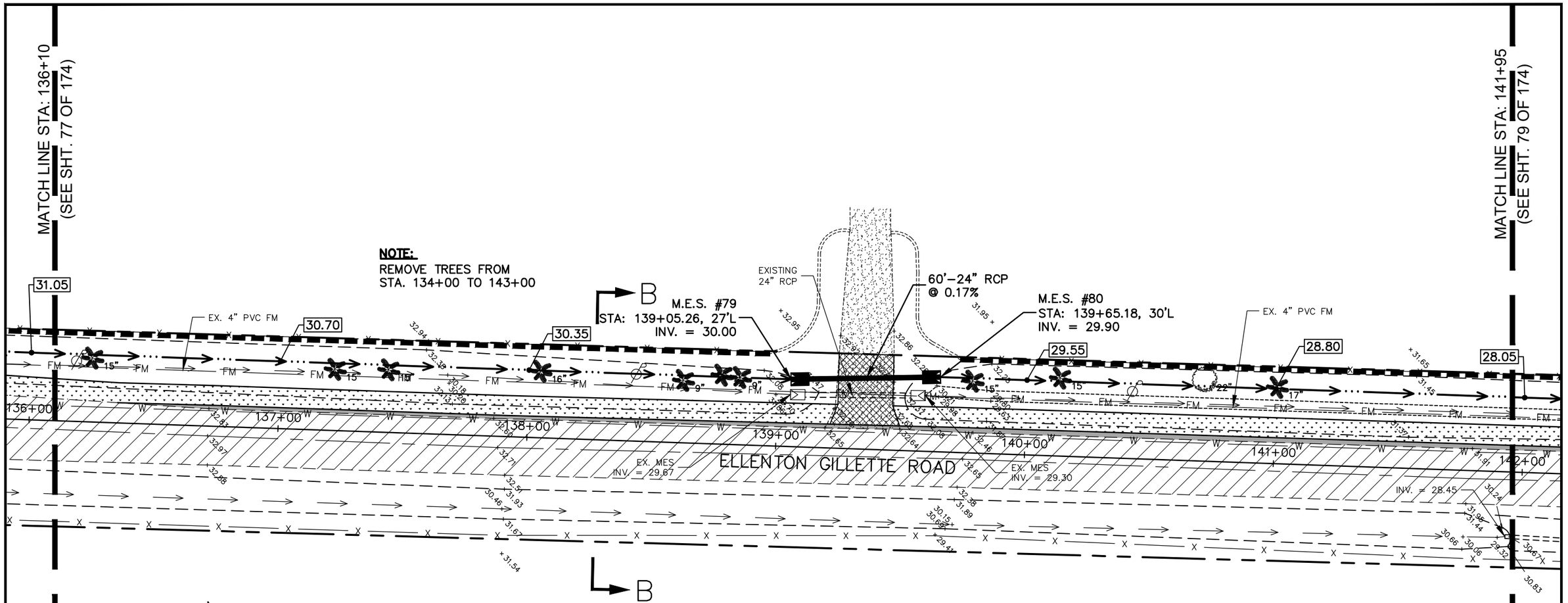
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 77 / 174



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

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PROJECT ENGINEER
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38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 78 / 174

MATCH LINE STA: 141+95
(SEE SHT. 78 OF 174)

NOTE:
REMOVE TREES FROM
STA. 134+00 TO 143+00

M.E.S. #81
STA: 143+55.08, 30'L
INV. = 26.90

60'-24" RCP
@ 0.75%

M.E.S. #82
STA: 144+15.05, 32'L
INV. = 26.45

M.E.S. #83
STA: 146+27.38, 32'L
INV. = 25.60

EX. GRATE INLET
RIM = 27.95
INV. = 24.70 S
INV. = 23.70 N
INV. = 24.46 E
REVISE RIM TO 29.00
INV. = 24.70 S

50'-24" RCP
@ 1.80%

EXIST. SPILLWAY

EX. MES
INV. = 26.74

EXISTING
24" PVC

EX. MES
INV. = 26.67

EX. 4" PVC FM

28.05

26.10

25.70

29.20

30.10

27.30

142+00

143+00

144+00

145+00

146+00

147+00

ELLENTON GILLETTE ROAD

EX. MES
INV. = 28.09

INV. = 24.84

EXISTING 24" CMP

EXISTING 24" RCP
TO REMAIN

INV. = 28.40

EXISTING 18" RCP
TO REMAIN

EX. MES
INV. = 28.03

EXISTING 24" RCP
TO REMAIN

INV. = 24.89

B

B

NORTH

MATCH LINE STA: 147+80
(SEE SHT. 80 OF 174)

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
2. ALL DRAINAGE STRUCTURES AND PIPING NOT SPECIFICALLY NOTED TO REMAIN, ARE TO BE REMOVED.
3. ALL MAILBOXES TO BE REMOVED AND RESET AS REQUIRED.

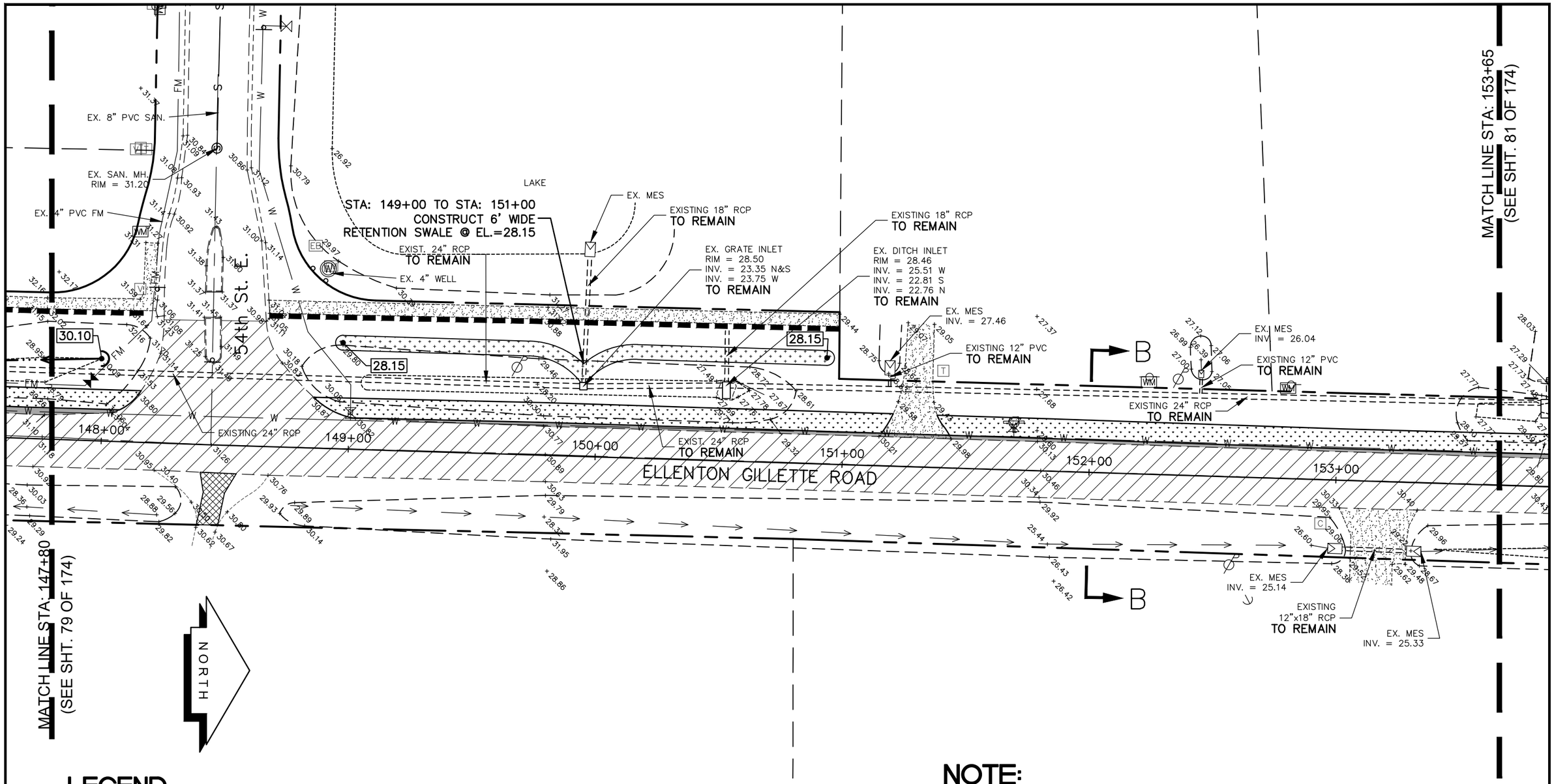
REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 79 / 174



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 80 / 174

STA: 158+35 TO STA: 159+90
CONSTRUCT 6' WIDE
RETENTION SWALE @ EL.=28.50

NOTE:
EXISTING TREES TO REMAIN

INV. = 24.60

EXISTING
14"x23" PVC
TO REMAIN

EX. GRATE INLET
RIM = 28.15
INV. = 24.65 W
INV. = 21.90 N&S
TO REMAIN

EX. GRATE INLET
RIM = 26.45
INV. = 23.05 E
INV. = 22.00 S
INV. = 21.85 N
TO REMAIN

EX. DITCH INLET
RIM = 28.04
INV. = 23.34 W
INV. = 21.59 S
INV. = 21.24 N
TO REMAIN

INV. = 24.54

EXISTING
18" RCP
TO REMAIN

INV. = 29.09

EX. GRATE INLET
RIM = 28.00
INV. = 21.15 N&S
TO REMAIN

RAISE RIM TO 28.85

INV. = 28.84

EX. 8" PVC
TO REMAIN

EXISTING 24" RCP
TO REMAIN

EXISTING 24" RCP
TO REMAIN

EXISTING 24" RCP
TO REMAIN

EXISTING 30" RCP
TO REMAIN

28.50

28.50

154+00

155+00

156+00

157+00

158+00

159+00

ELLENTON GILLETTE ROAD

INV. = 23.57

M.E.S. #84
STA: 143+55.08, 30'L
INV. = 24.75

INV. = 24.53

EXISTING
18" RCP

EX. MES
INV. = 26.56

M.E.S. #85
STA: 144+15.08, 30'L
INV. = 25.20

INV. = 25.18

60'-18" RCP
@ 0.75%

EX. MES
INV. = 26.41

EXISTING
14"x23" RCP
TO REMAIN

57th St. E.

MATCH LINE STA: 153+65
(SEE SHT. 80 OF 174)

MATCH LINE STA: 159+50
(SEE SHT. 82 OF 174)

NORTH

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
2. ALL DRAINAGE STRUCTURES AND PIPING NOT SPECIFICALLY NOTED TO REMAIN, ARE TO BE REMOVED.
3. ALL MAILBOXES TO BE REMOVED AND RESET AS REQUIRED.

REVISIONS

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Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 81 / 174

STA: 158+35 TO STA: 159+90
CONSTRUCT 6' WIDE
RETENTION SWALE @ EL.=28.50

STA: 160+40 TO STA: 161+90
CONSTRUCT 6' WIDE
RETENTION SWALE @ EL.=29.15

STA: 162+30 TO STA: 163+85
CONSTRUCT 6' WIDE
RETENTION SWALE @ EL.=29.25

INV. = 28.84
EX. 8" PVC
TO REMAIN

EXISTING
30" RCP
TO REMAIN

EX. GRATE INLET
RIM = 28.55
RAISE RIM TO 29.50
INV. = 20.72 N&S
TO REMAIN

EXISTING 30" RCP
TO REMAIN

EX. GRATE INLET
RIM = 29.61
RAISE RIM TO 29.60
INV. = 20.41 S
INV. = 20.26 N
TO REMAIN

EXISTING 29"x45" RCP
TO REMAIN

EX. GRATE INLET
RIM = 29.49
INV. = 19.49 N&S
TO REMAIN

28.50
29.15
29.15
29.25
29.25
30.00
30.60
30.49
30.80

160+00
161+00
162+00
163+00
164+00
165+00

ELLENTON GILLETTE ROAD

INV. = 27.98
INV. = 28.11

EX. MES
INV. = 28.99

EX. MES
INV. = 29.28

EXISTING
8" PVC
TO REMAIN

EXISTING
14"x23" RCP
TO REMAIN

MATCH LINE STA: 165+35
(SEE SHT. 83 OF 174)

MATCH LINE STA: 159+50
(SEE SHT. 81 OF 174)

NORTH

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 82/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-G.dwg, 10/16/2020 10:56:58 AM, cmitchell,
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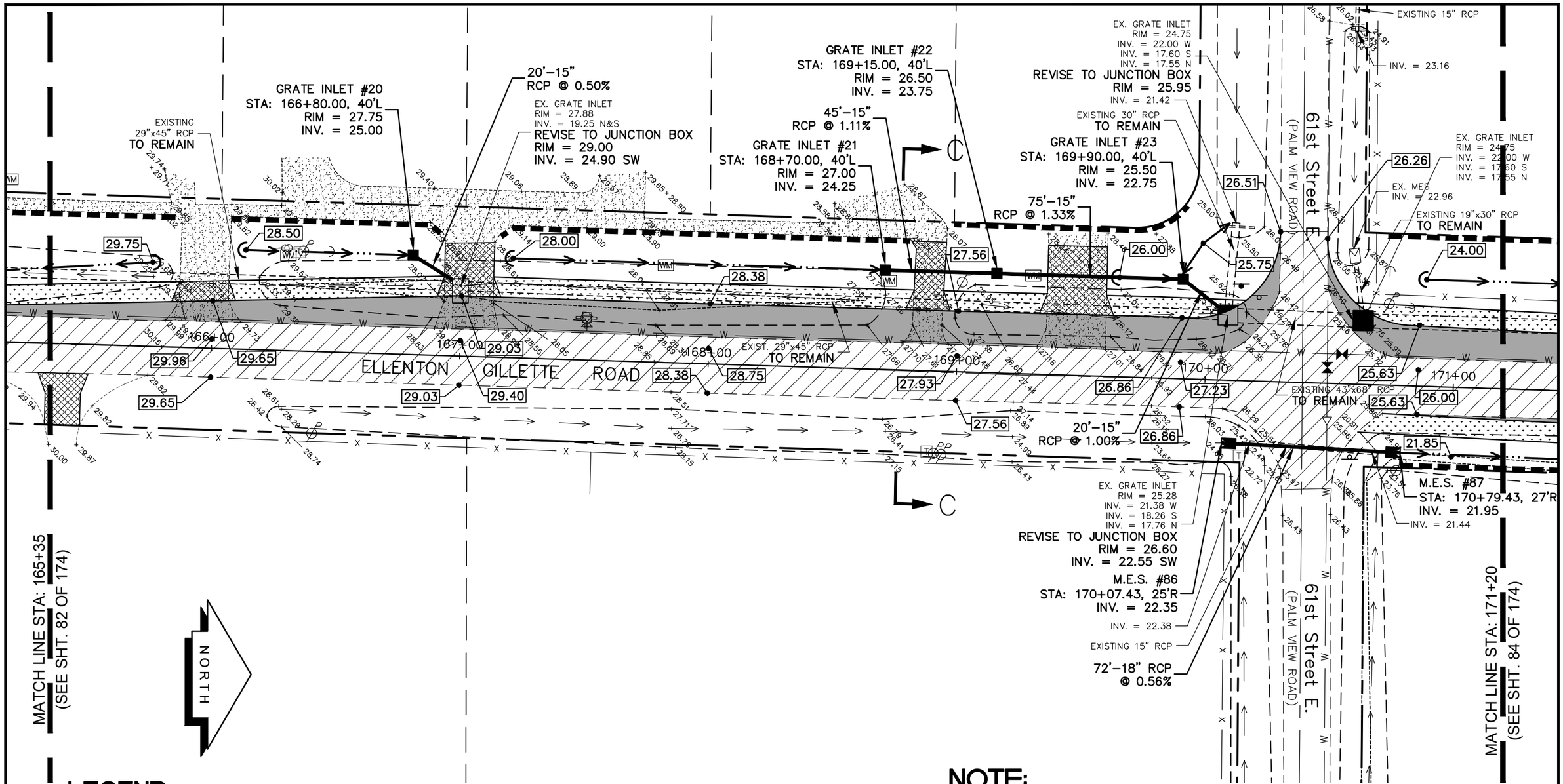

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

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PROJECT ENGINEER
JOHN R. FOLEY
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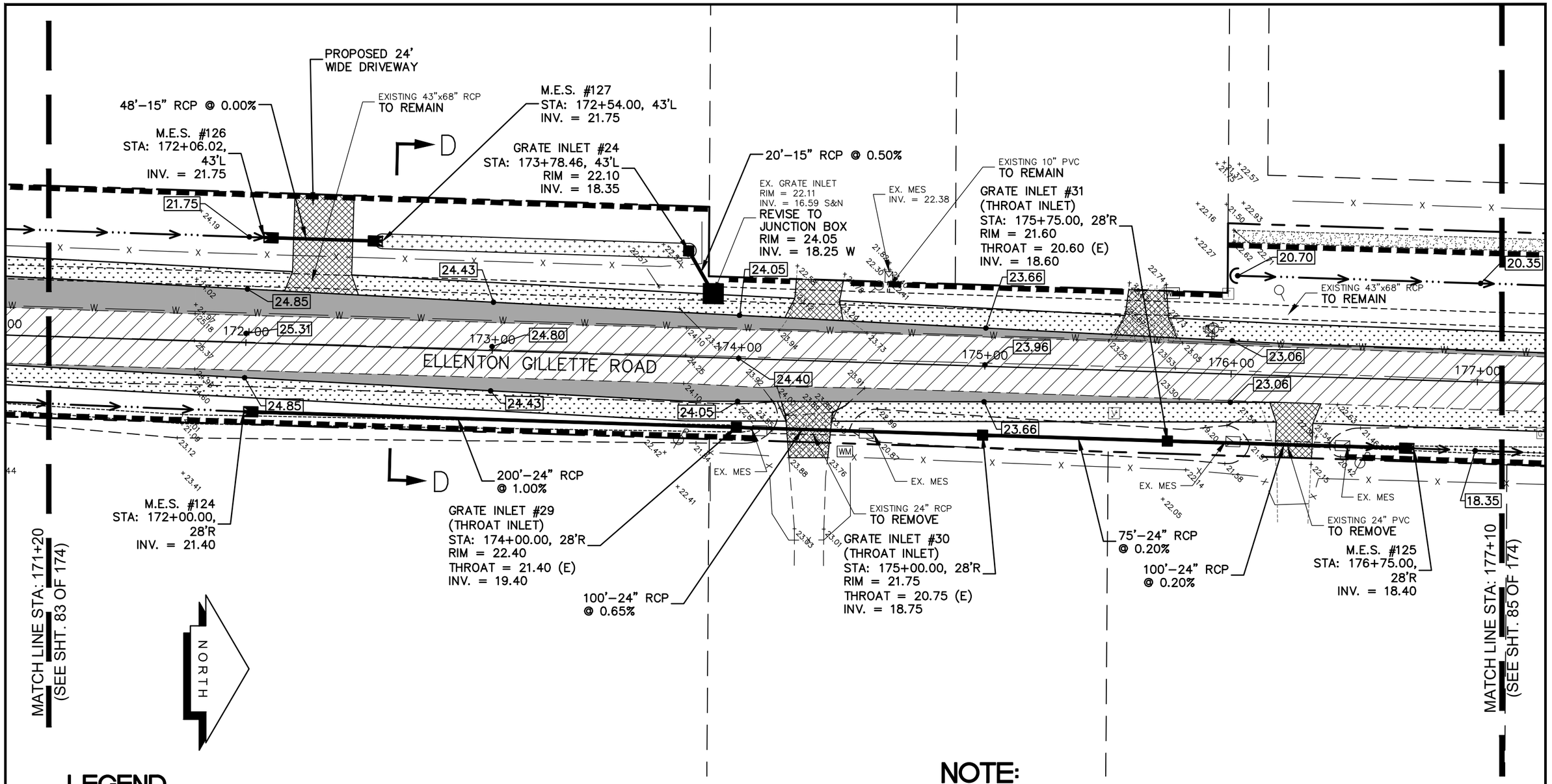
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 83 / 174



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 84/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-G.dwg, 10/16/2020 11:01:28 AM, cmitchell, 1:40

GRATE INLET #25
STA: 178+21.54, 40'L
RIM = 19.90
INV. = 17.15

EX. GRATE INLET
RIM = 20.92
INV. = 15.42 S&N
REVISE TO JUNCTION BOX
RIM = 21.00
INV. = 17.05 W

STA: 180+00 TO STA: 184+55
CONSTRUCT 6' WIDE
RETENTION SWALE @ EL.=18.50

EX. GRATE INLET
RIM = 19.49
INV. = 14.88 S&N
INV. = ____ E
REVISE TO JUNCTION BOX
RIM = 19.86
INV. = 15.40

GRATE INLET #26
STA: 182+05.42, 40'L
RIM = 18.85
INV. = 15.50

EXISTING 43"x68" RCP
TO REMAIN

12'-18" RCP
@ 0.83%

10'-15"
RCP @ 1.00%

ELLENTON GILLETTE ROAD

EXISTING
24" RCP
TO REMAIN

EX. MES
INV. = 17.69

INV. = 18.29

EXISTING 12" PVC
TO REMAIN

INV. = 19.17

EXISTING
24" PVC
TO REMAIN

EX. MES
INV. = 17.16

EXISTING
15" PVC
TO REMAIN

INV. = 16.62

EX. MES
INV. = 16.19

EXISTING
24" RCP
TO REMAIN

EX. MES
INV. = 16.17

MATCH LINE STA: 177+10
(SEE SHT. 84 OF 174)

MATCH LINE STA: 182+95
(SEE SHT. 86 OF 174)

NORTH

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
2. ALL DRAINAGE STRUCTURES AND PIPING NOT SPECIFICALLY NOTED TO REMAIN, ARE TO BE REMOVED.
3. ALL MAILBOXES TO BE REMOVED AND RESET AS REQUIRED.

REVISIONS

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Consulting Engineers, Surveyors and Planners
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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 85/174

STA: 180+00 TO STA: 184+55
CONSTRUCT 6' WIDE
RETENTION SWALE @ EL.=18.50

EXISTING 43"x68" RCP
TO REMAIN

GRATE INLET #27
STA: 185+91.09, 40'L
RIM = 18.85
INV. = 15.50

EX. GRATE INLET
RIM = 18.86
INV. = 13.55 S
INV. = 13.16 N
REVISE TO JUNCTION BOX
RIM = 19.80
INV. = 15.40

STA: 185+10 TO STA: 189+35
CONSTRUCT 6' WIDE
RETENTION SWALE @ EL.=18.50

NOTE:
REMOVE EX. TREES,
STA: 187+00 TO
STA: 189+00

EX. GRATE INLET
RIM = 18.49
INV. = 12.17 S&N
REVISE TO JUNCTION BOX
RIM = 19.30

10'-18" RCP
@ 1.00%

EXISTING 43"x68" RCP
TO REMAIN

63rd Street E.

ELLENTON GILLETTE ROAD

EXISTING 15" RCP
TO REMAIN

EXISTING
24" CMP
TO REMAIN

EX. MES
INV. = 16.17

INV. = 16.17

INV. = 14.90

EXISTING
24" CMP
TO REMAIN

EX. CURB INLET
RIM = 20.80
INV. = 15.00 S
INV. = 14.95 N
TO REMAIN

36th AVENUE
DR. E.

EXISTING
24" CMP
TO REMAIN

EX. GRATE INLET
RIM = 18.70
INV. = 13.85 S&N
TO REMAIN

EX. CURB INLET
RIM = 20.60
INV. = 14.95 S
INV. = 14.90 N
TO REMAIN

MATCH LINE STA: 182+95
(SEE SHT. 85 OF 174)

MATCH LINE STA: 188+80
(SEE SHT. 87 OF 174)

NORTH

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
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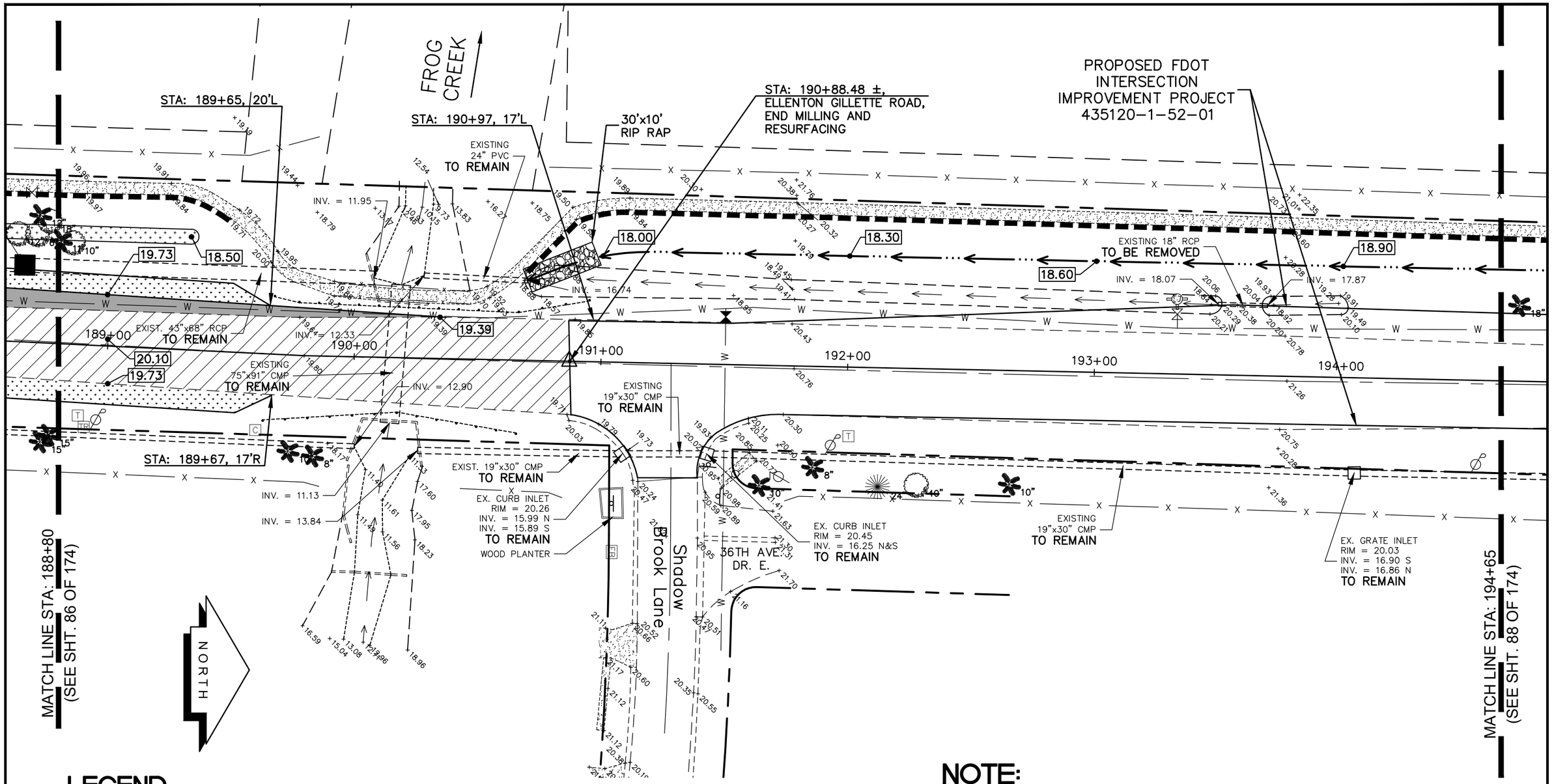
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 86/174



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
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PROJECT ENGINEER
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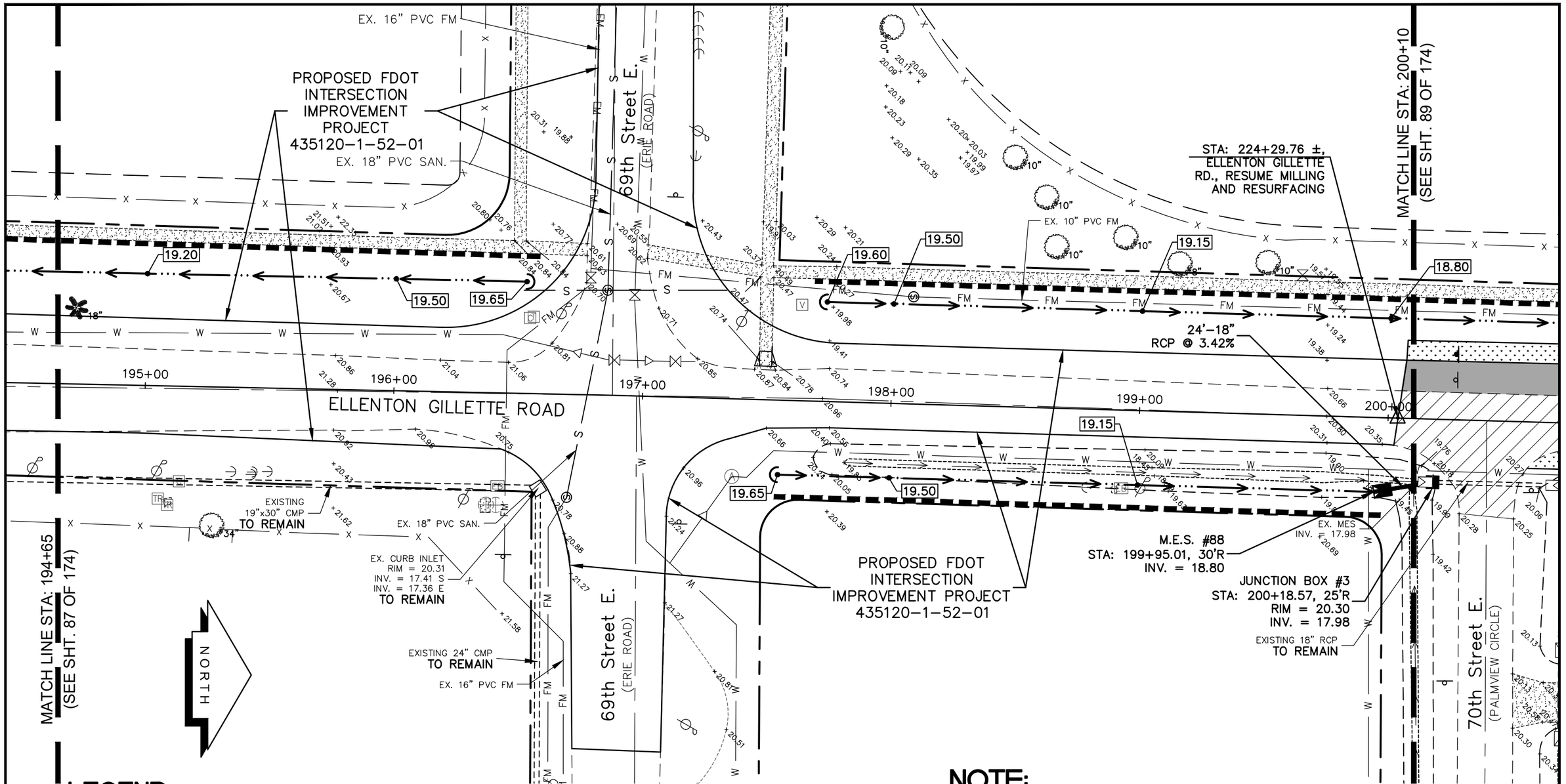
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 87 / 174



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 88 / 174

MATCH LINE STA: 200+10 (SEE SHT. 88 OF 174)

PROPOSED FDOT INTERSECTION IMPROVEMENT PROJECT 435120-1-52-01

STA: 200+03.95 ±, ELLENTON GILLETTE RD., RESUME MILLING AND RESURFACING

NOTE:
REMOVE ALL EX. TREES WITHIN THE PROJECT LIMITS

ELLENTON GILLETTE ROAD

70th Street E. (PALMVIEW CIRCLE)

EX. MES INV. = 17.63

EX. MES INV. = 17.74

EXISTING 12"x18" RCP

EX. MES INV. = 17.86

EX. 10" PVC FM

EXISTING 18" RCP

INV. = 17.40

INV. = 17.68

EX. MES INV. = 16.46

EXISTING 24" RCP TO REMAIN

EX. MES INV. = 16.29

MATCH LINE STA: 205+95 (SEE SHT. 90 OF 174)

NORTH

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

NOTE:

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0 20 40 80
SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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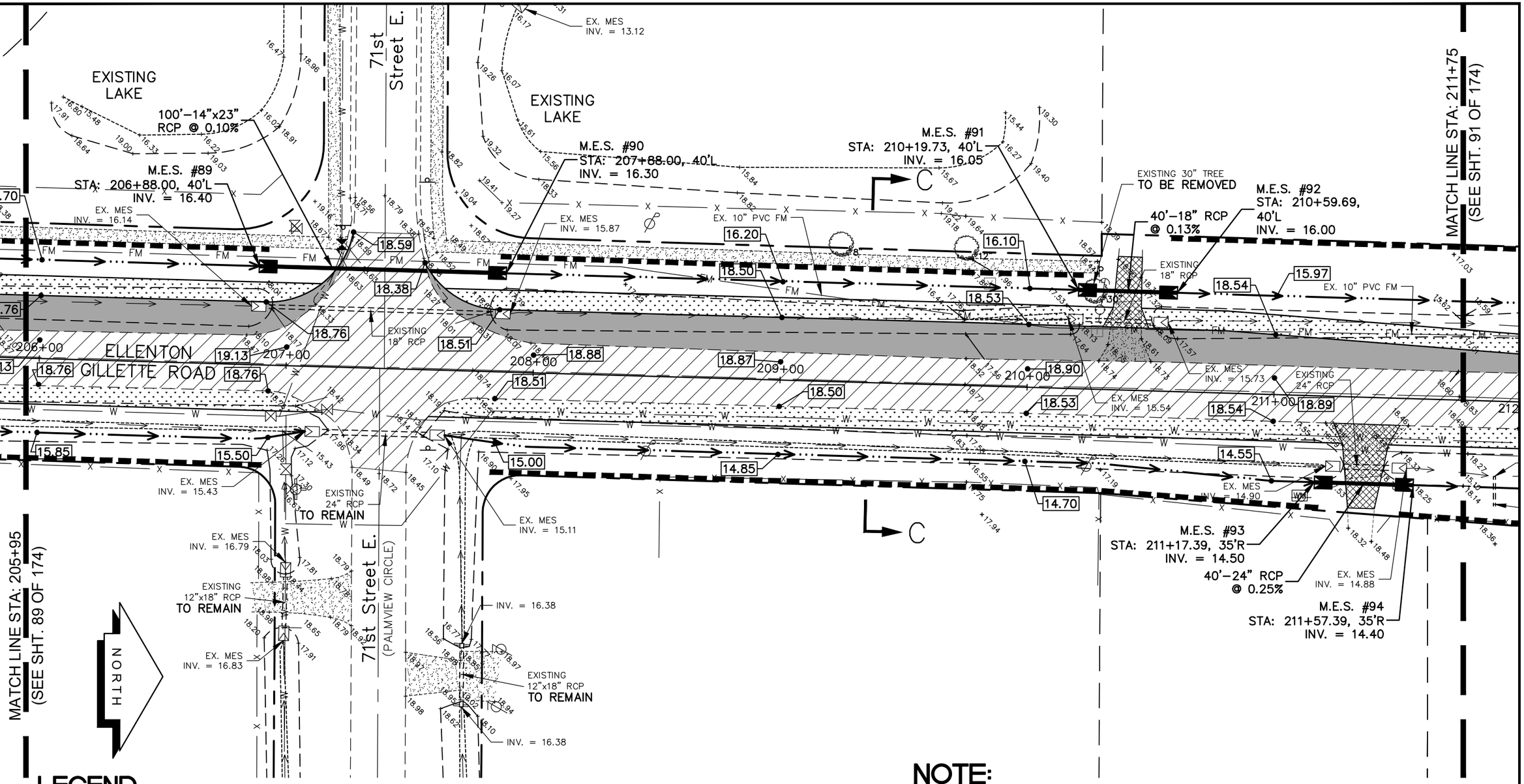
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 89/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-G.dwg, 10/16/2020 11:00:21 AM, cmitchell, 1:40



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
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- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

GRADING AND DRAINAGE PLAN

ELLENTON GILLETTE ROAD

NOTE:

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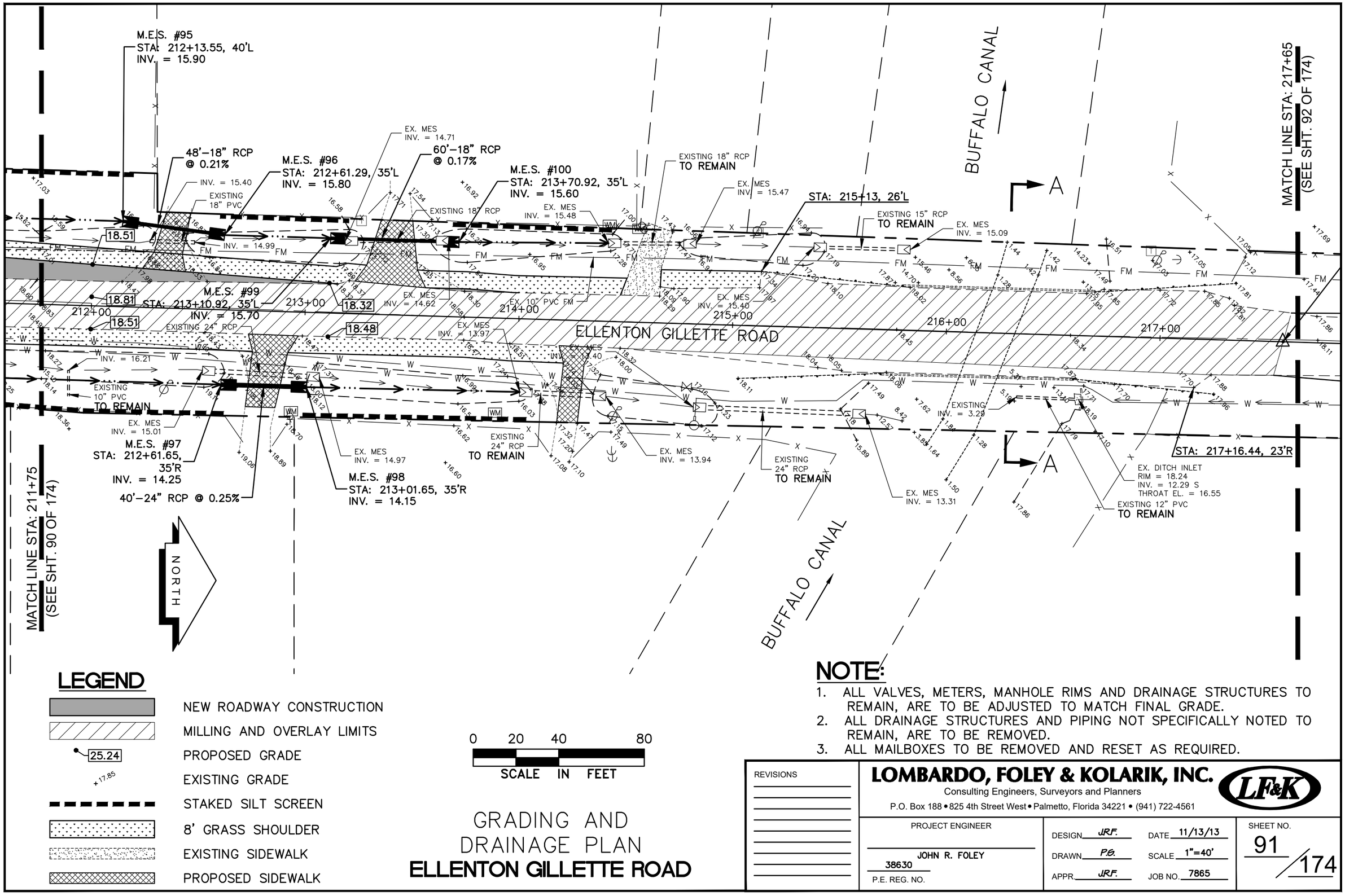
LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 90 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-G.dwg, 10/16/2020 11:00:06 AM, cmitchell, 1:40



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- 25.24 PROPOSED GRADE
- +17.85 EXISTING GRADE
- STAKED SILT SCREEN
- 8' GRASS SHOULDER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK

0 20 40 80

SCALE IN FEET

GRADING AND DRAINAGE PLAN
ELLENTON GILLETTE ROAD

NOTE:

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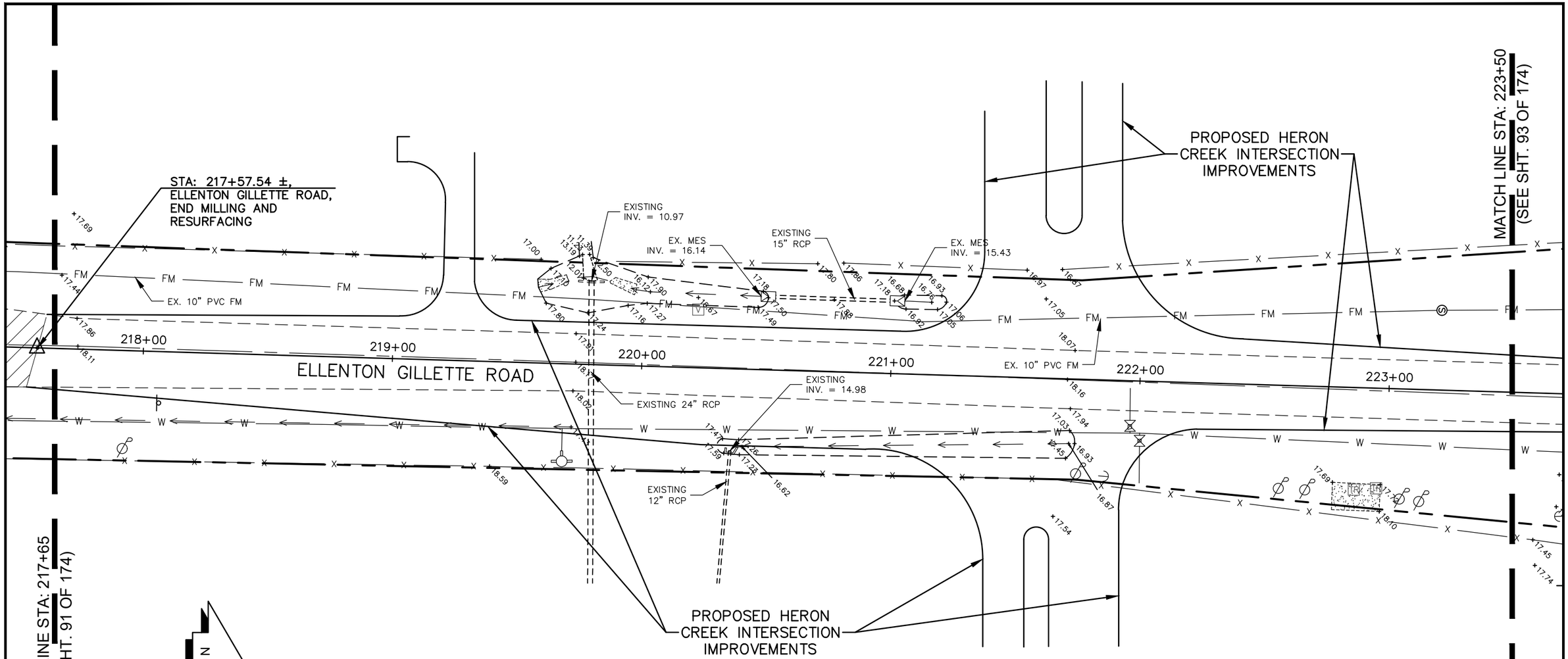

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SHEET NO. 92 / 174

EXISTING 15" RCP TO REMAIN

EX. JUNCTION BOX RIM = 19.50 INV. = 15.60 N&E TO REMAIN

EXISTING 15" RCP TO REMAIN

EX. GRATE INLET RIM = 21.74 INV. = 18.54 N INV. = 17.74 E INV. = 17.59 W TO REMAIN

EX. 2" PVC FM

EX. 10" PVC FM

EX. 10" HDPE FM

EX. 2" PVC FM

EX. 10" HDPE FM

EXISTING 18" CMP TO REMAIN

EX. GRATE INLET RIM = 22.71 INV. = 19.91 S

EX. 10" HDPE FM

EXISTING 18" CMP TO REMAIN

EX. GRATE INLET RIM = 32.42 INV. = 28.67 E INV. = 28.57 W TO REMAIN

EXISTING 12" RCP TO REMAIN

EXISTING 15" RCP TO REMAIN

EX. GRATE INLET RIM = 32.42 INV. = 29.07 W TO REMAIN

EX. GRATE INLET RIM = 21.73 INV. = 18.23 W TO REMAIN

STA: 224+29.76 ±, ELLENTON GILLETTE RD., RESUME MILLING AND RESURFACING

77th Street E. (WILLIS ROAD)

ELLENTON GILLETTE ROAD

224+00 225+00 226+00 227+00 228+00 229+00

A

A

MATCH LINE STA: 223+50 (SEE SHT. 92 OF 174)

MATCH LINE STA: 229+35 (SEE SHT. 94 OF 174)

NORTH

LEGEND

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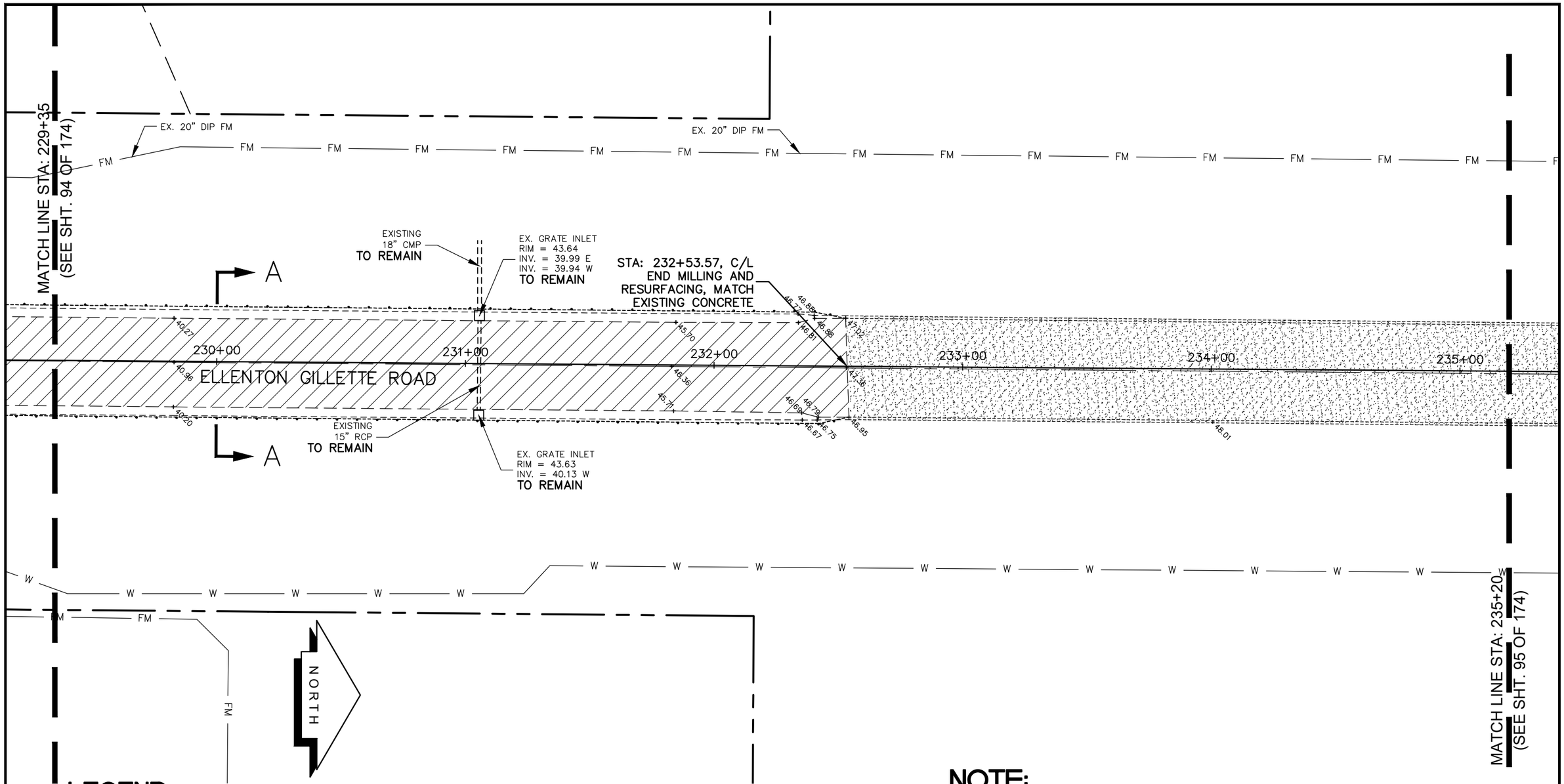

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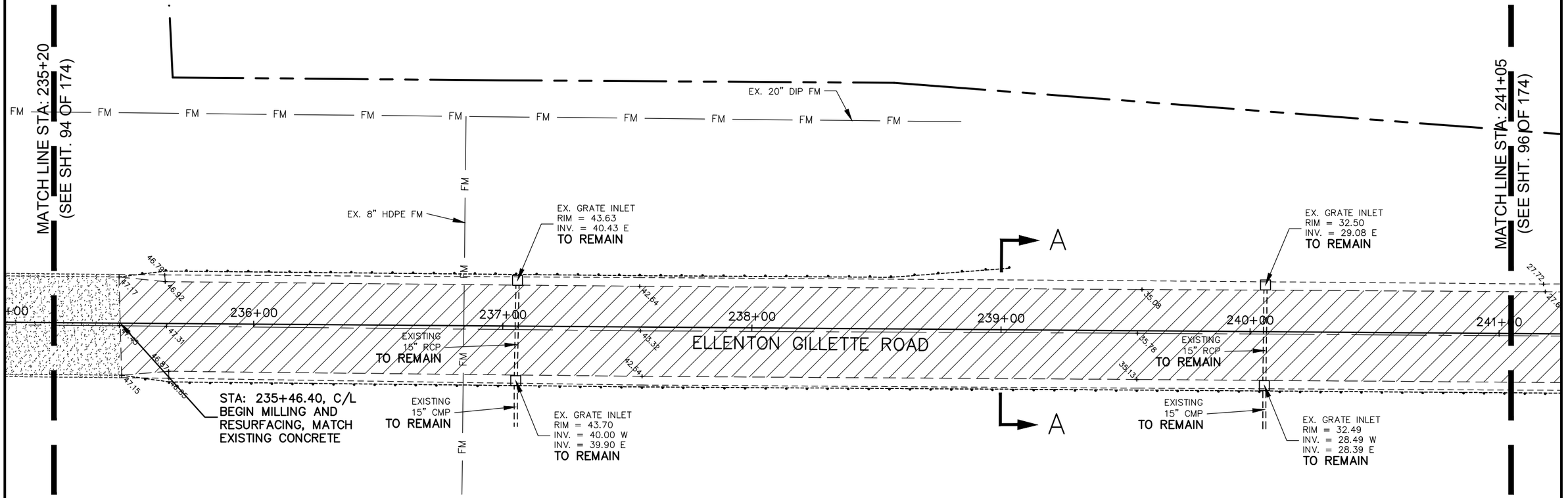

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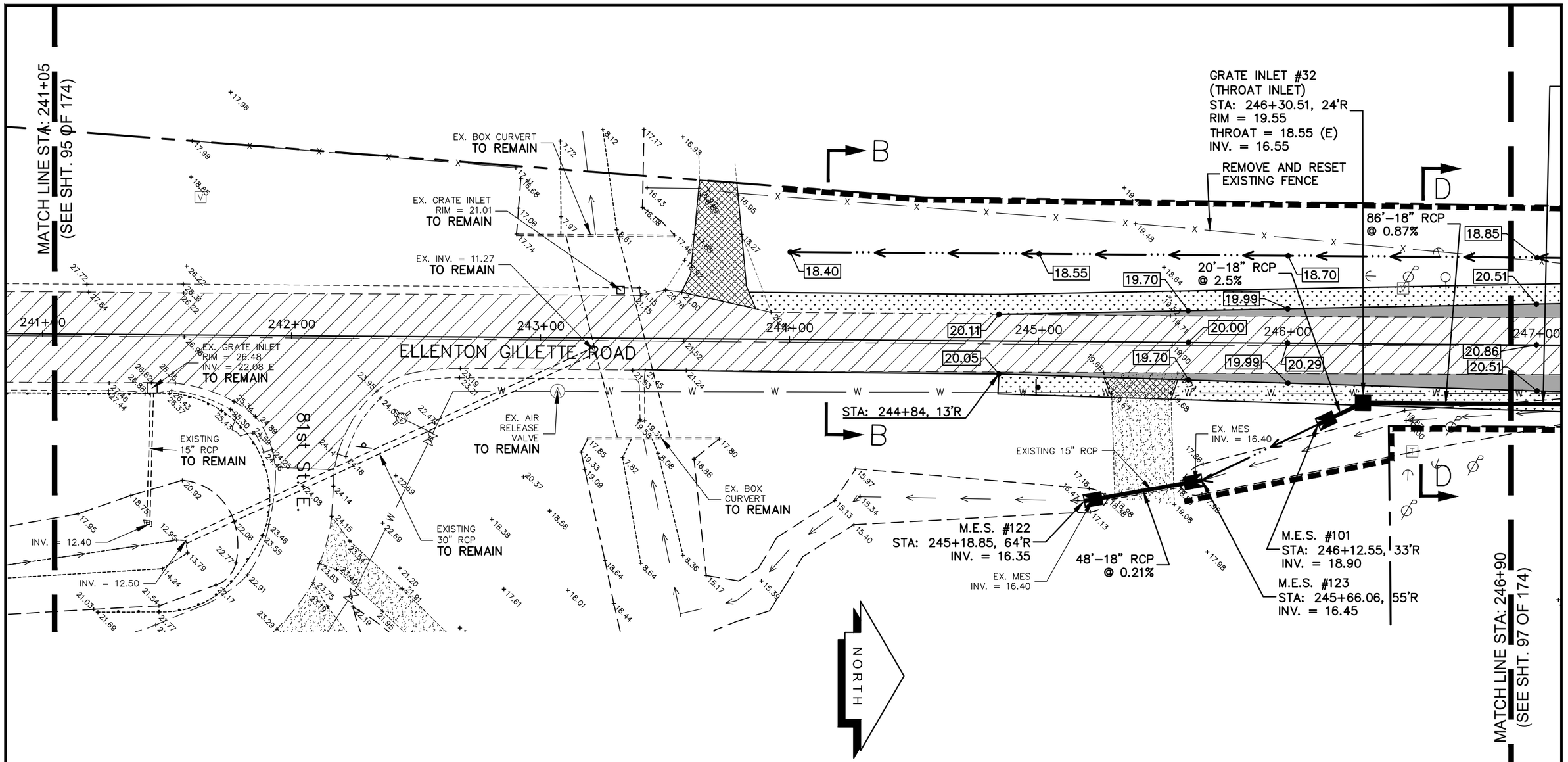

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SHEET NO. 96 / 174

86'–18" RCP
@ 0.87%

GRATE INLET #33
(THROAT INLET)
STA: 247+16.51, 24'R
RIM = 20.30
THROAT = 19.30 (E)
INV. = 17.30

REMOVE AND RESET
EXISTING FENCE

60'–18" RCP
@ 0.33%

140'–18" RCP
@ 0.71%

94'–18" RCP
@ 0.21%

M.E.S. #105
STA: 250+20.76, 35'L
INV. = 20.00

Rock Payne Rd.
(85TH ST. E.)

GRATE INLET #28
STA: 251+14.62, 28'L
RIM = 23.20
INV. = 20.20

EXISTING 12" RCP
INV. = 21.71

INV. = 21.72

18.85 19.00 19.45 19.90 20.51 21.26 22.20 23.30 24.20 23.95 25.35 25.35 25.65

247+00 248+00 249+00 250+00 251+00 252+00

EX. MES
INV. = 18.97
TO REMOVE

EX. MES
INV. = 19.12
TO REMOVE

20.86 20.51 18.97 21.63 22.57 23.30 23.67 24.57 24.20

ELLENTON GILLETTE ROAD

EXISTING
18" PVC
TO REMOVE

EXISTING
18" PVC
TO REMOVE

NOTE:
REMOVE EX. TREES

GRATE INLET #35
(THROAT INLET)
STA: 249+16.51, 24'R
RIM = 21.50
THROAT = 20.50 (E)
INV. = 18.50

GRATE INLET #34
(THROAT INLET)
STA: 247+76.51, 24'R
RIM = 20.50
THROAT = 19.50 (E)
INV. = 17.50

EX. MES
INV. = 20.83

EX. MES
INV. = 21.11

M.E.S. #104
STA: 249+75.03, 37'R
INV. = 21.20

60'–18" RCP
@ 4.50%

21.40 22.10

EX. MES
INV. = 22.73

M.E.S. #106
STA: 251+44.77, 35'R
INV. = 22.40

40'–18" RCP
@ 0.25%

EXISTING
14"x23" RCP

EX. MES
INV. = 22.97

M.E.S. #107
STA: 251+84.77, 35'R
INV. = 22.50

MATCH LINE STA: 246+90
(SEE SHT. 96 OF 174)

MATCH LINE STA: 252+75
(SEE SHT. 98 OF 174)

NORTH

LEGEND

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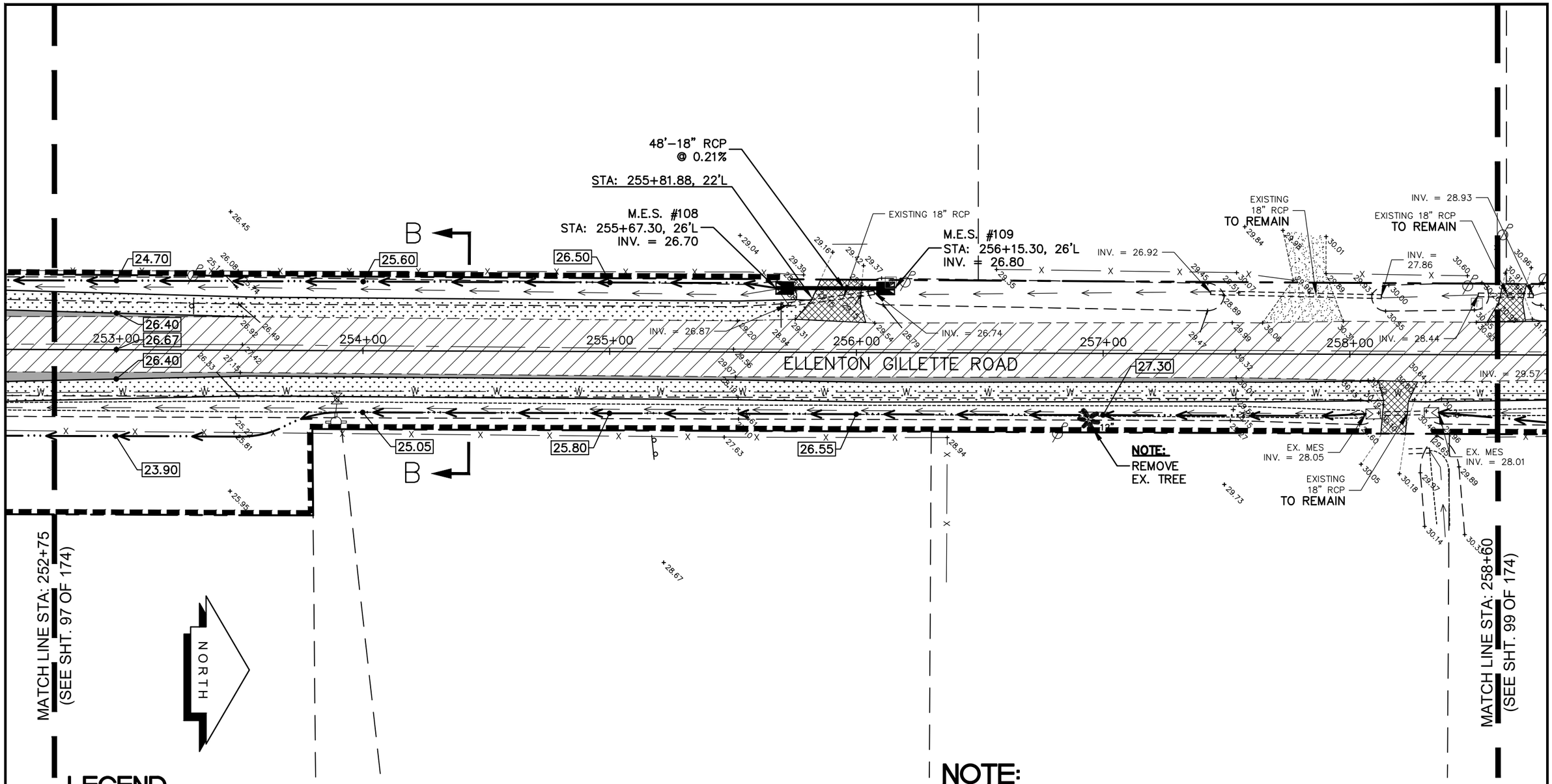

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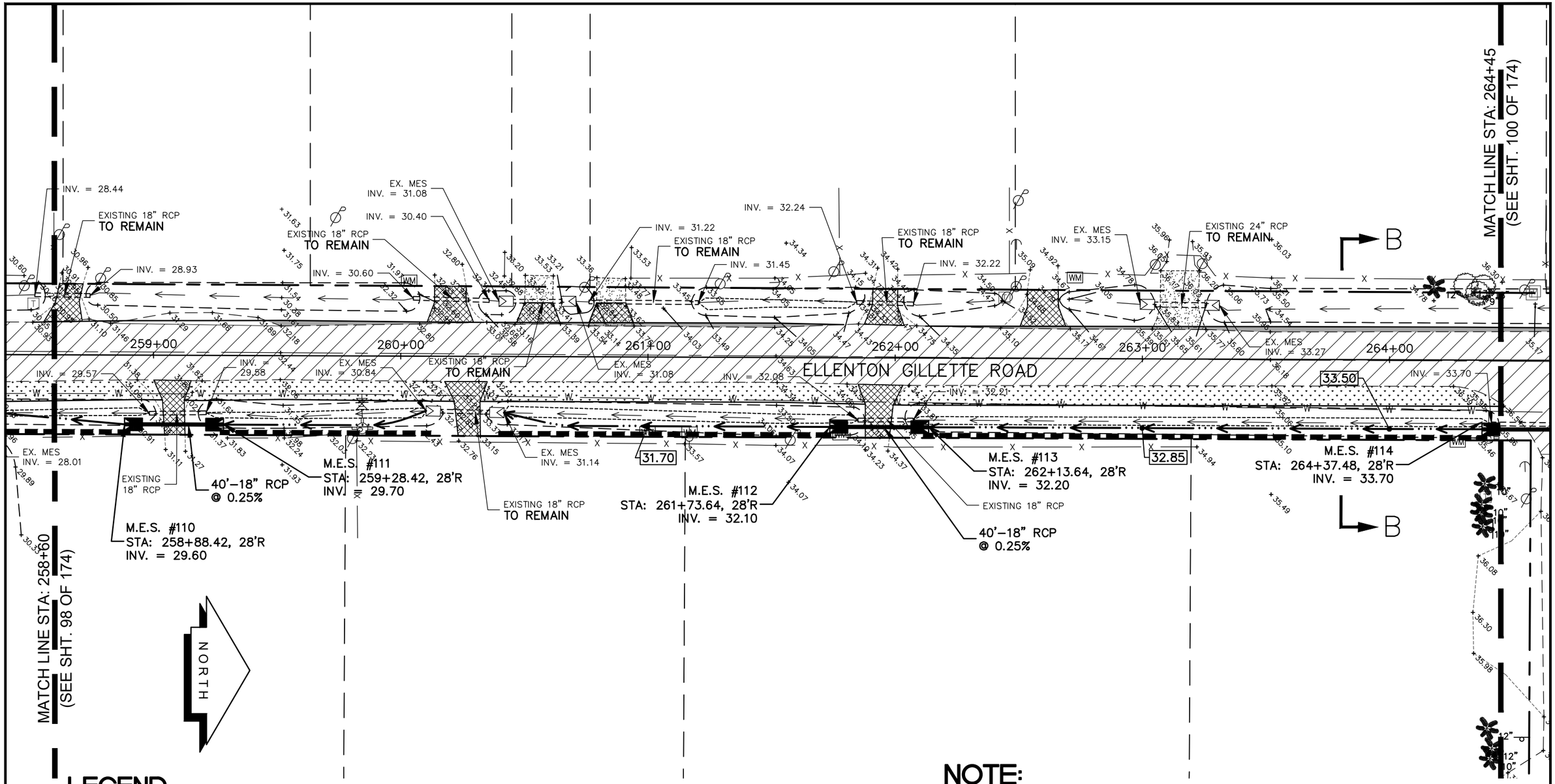

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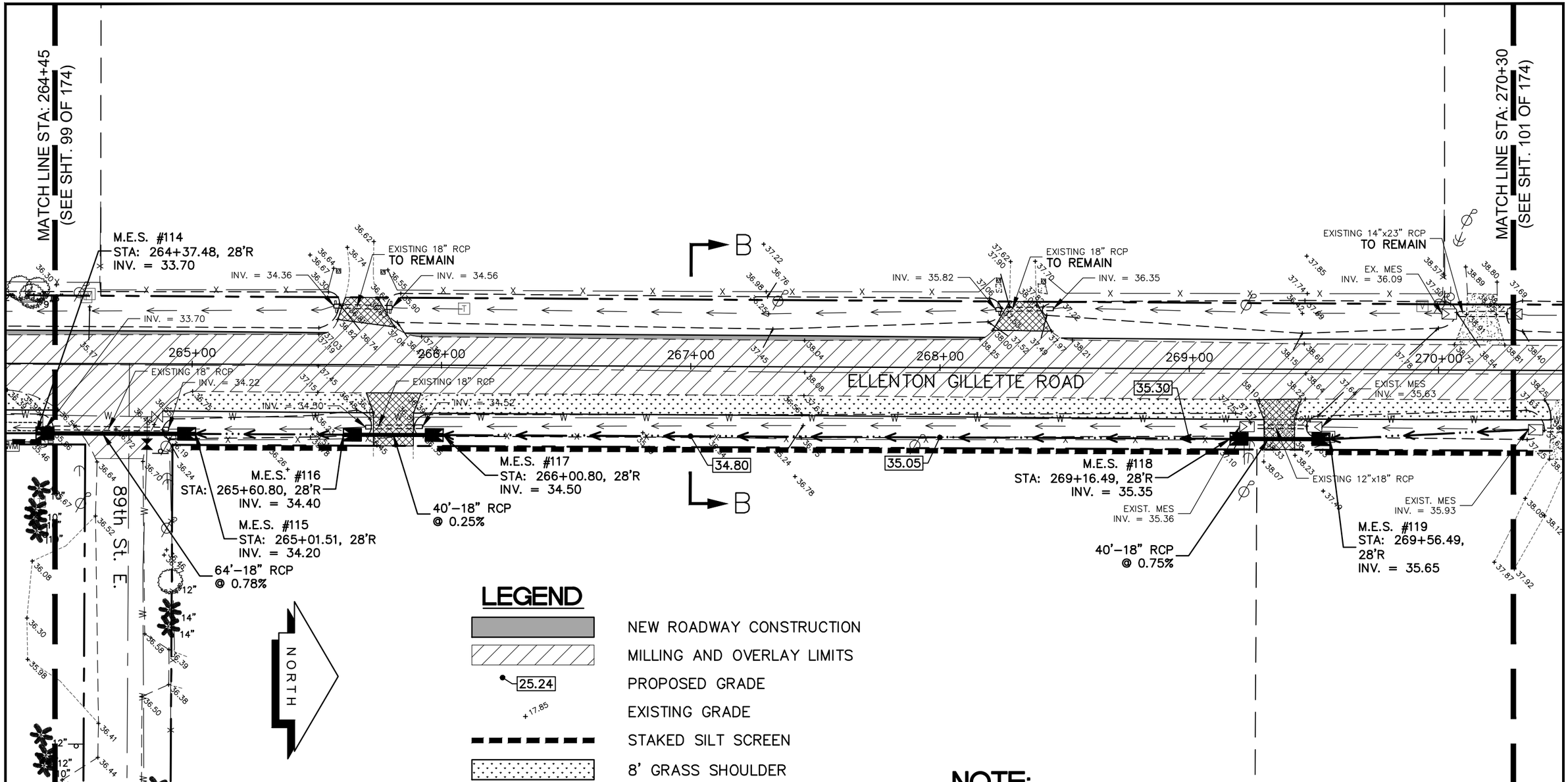

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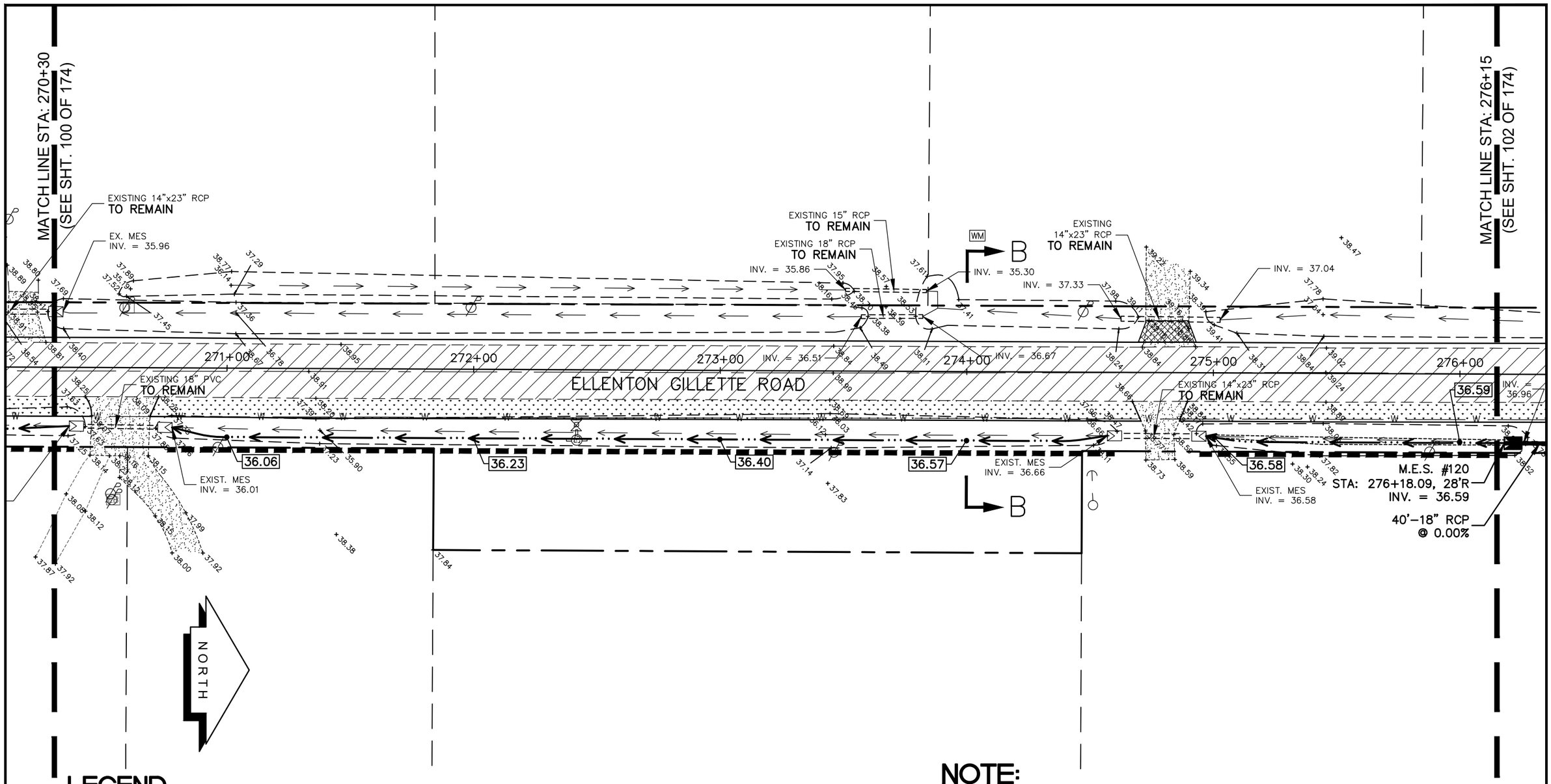

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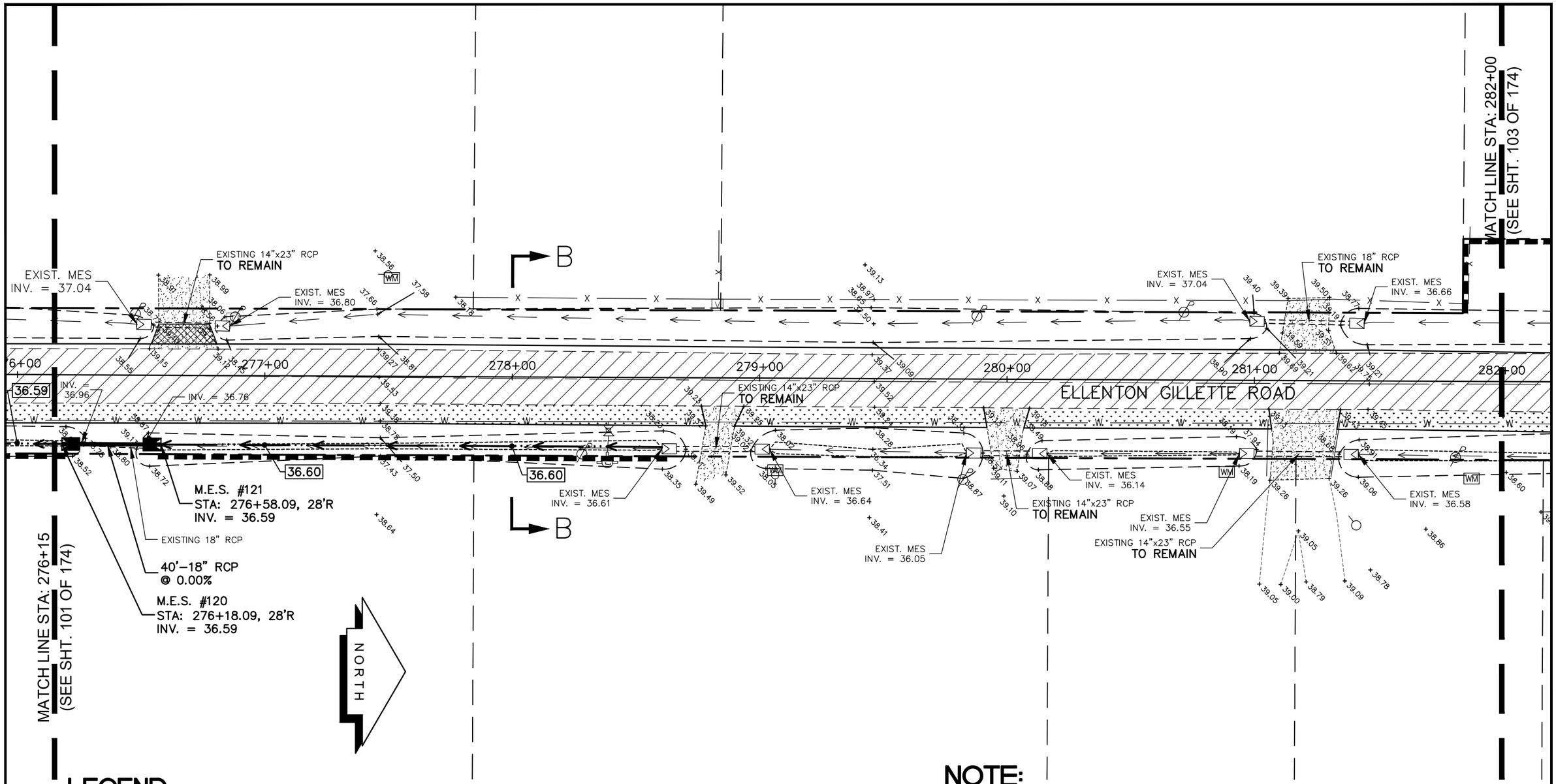

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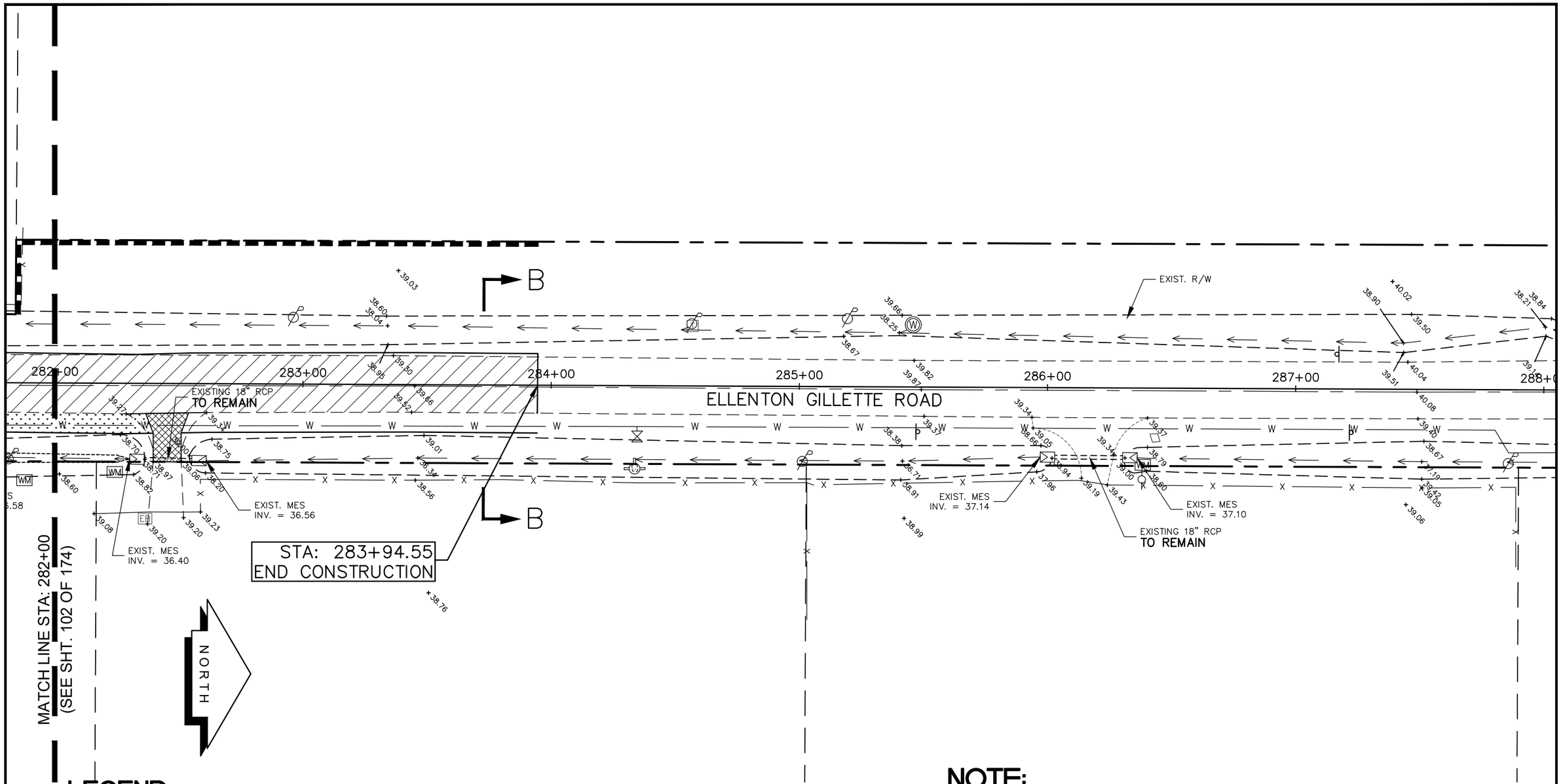

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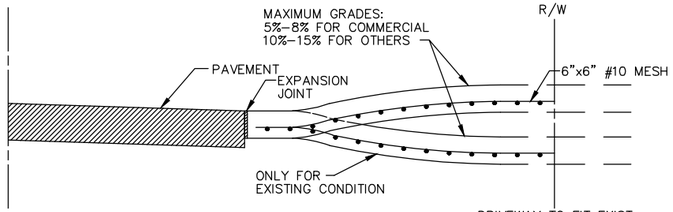
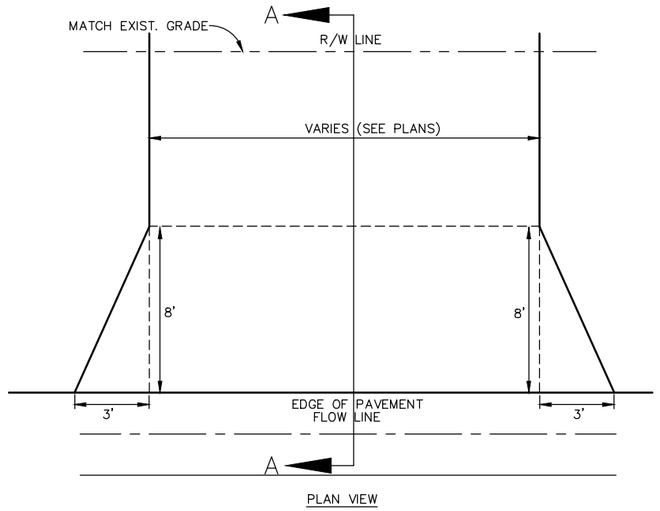


SECTION A–A

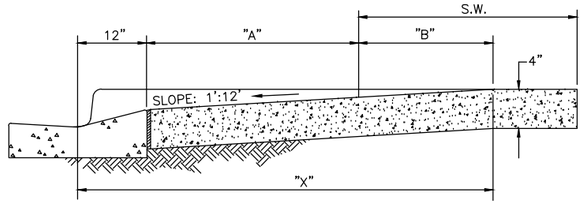


PLAN VIEW

(A) CONSTRUCT WITH 6" REINFORCED CONCRETE, 6"x6" #10 WIRE MESH FROM EDGE OF PAVEMENT TO R/W LINE.

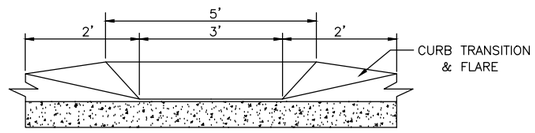
(B) EXPANSION JOINT 0.50" PREFORMED JOINT FILLER OR APPROVED ALTERNATE, DRIVES WIDER THAN 12" (BEYOND FLARE) PLACE JOINT ON 10' CENTER.

DRIVEWAYS

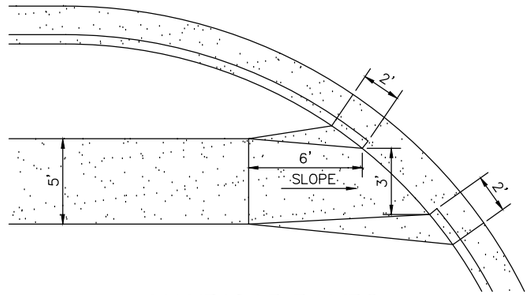


SECTION A–A
(SEE SHEET 301.0)

S.W.= SIDEWALK	"A"	S.W.+ A + 10"	"X"	"B"
5'	0	5.8'	5.8'	5'
6'	0	6.8'	6.8'	6'
7'	0	7.8'	7.3'	6.5'
8'	0	8.8'	7.3'	6.5'
5'	2'	7.8'	7.8'	5'
5'	2.5'	8.3'	8.1'	4.8'
5'	3'	8.8'	8.2'	4.4'
5'	3.5'	9.3'	8.4'	4.1'
5'	4'	9.8'	8.6'	3.8'
5'	4.5'	10.3'	8.7'	3.4'
5'	5'	10.8'	9.1'	3.1'

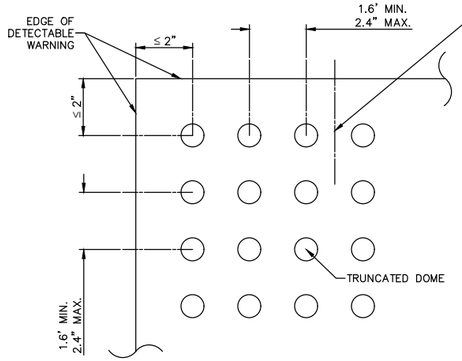


SECTION B–B
(SEE SHEET 301.0)

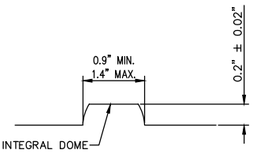


HANDICAP RAMPS

NTS



ON RAMPS THAT ARE PERPENDICULAR WITH THE CURB LINE, THE DOME PATTERN SHALL BE IN–LINE WITH THE DIRECTION OF TRAVEL. ON RAMPS INTERSECTING CURBS ON A RADIUS. THE DOME PATTERN SHALL BE IN–LINE WITH THE DIRECTION OF TRAVEL TO THE EXTENT PRACTICAL.



THE TOP WIDTH OF THE DOME SHALL BE A MINIMUM OF 50% AND A MAXIMUM OF 65% OF THE BASE DIAMETER.

BASE–TO–BASE SPACING SHALL BE 0.65" MINIMUM BETWEEN DOMES.

TRUNCATED DOME

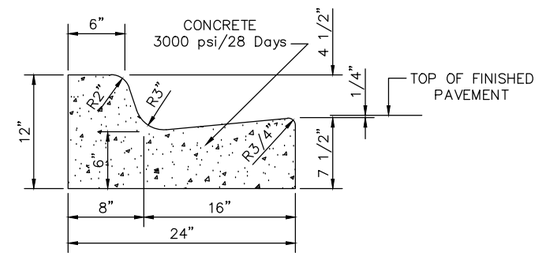
PLAN VIEW

ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24" (610mm) FROM THE BACK OF CURB.

CURB RAMP DETECTABLE WARNING DETAIL

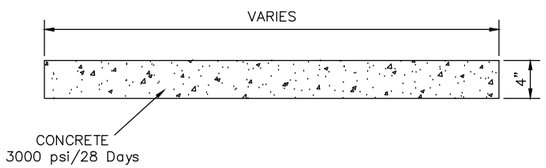
NTS

(REFERENCE FDOT INDEX 304)



TYPE "F" CURB

NTS



TYPE "A" SIDEWALK DETAIL

NTS

GRADING AND DRAINAGE DETAILS
ELLENTON GILLETTE ROAD

REVISIONS

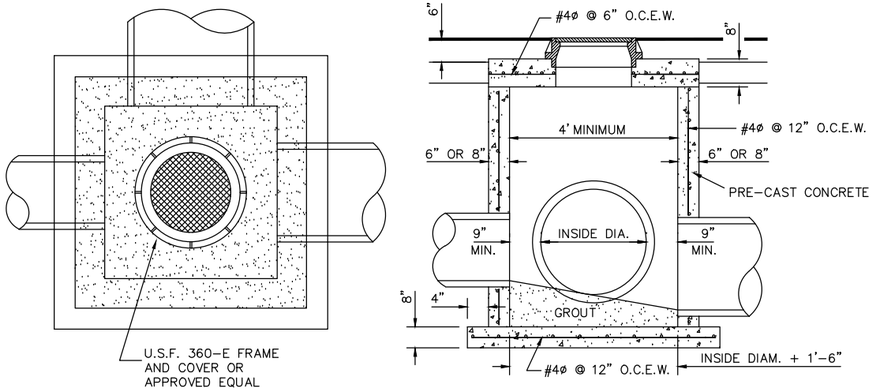
LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 198 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 03/03/14
DRAWN P.G. SCALE NONE
APPR. JRF. JOB NO. 7865

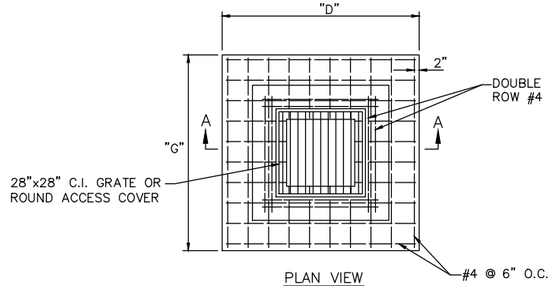
SHEET NO. 104 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-GD.dwg, 10/16/2020 10:48:26 AM, cmitchell, 1:4

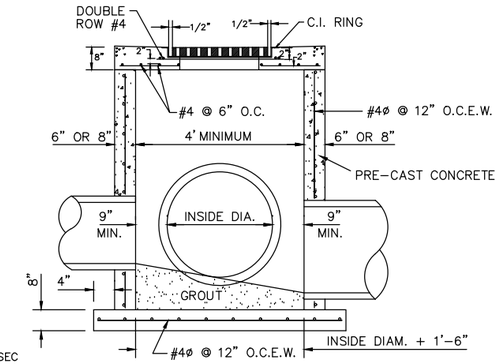


JUNCTION BOX (TRAFFIC BEARING)

NTS



PLAN VIEW



NOTE: DIMENSIONS "D" & "G" PER SECTION 202.0

A) ALTERNATE C.I. GRATES, 18"X 24", 24"X 24", 28"X 36" OR ACCESS COVER (202.6).
B) 8" TRAFFIC BEARING LID W/ REINFORCING C.I. RING & DOUBLE ROW OF #4 REBAR.
C) FOLLOWING MATERIALS ARE SPECIFIED IN FLORIDA D.O.T. SPEC'S., 2000. SEC 346 CONCRETE, SEC 962-8 IRON CASTING, SEC 931-1 REINFORCED STEEL.
D) FILL BLOCKS WITH 3,000 P.S.I. CONCRETE (EACH CELL), USE #4 ROD IN EACH BLOCK, 16" O/C.
E) USE #4 ROD ON 6" CENTERS BOTH WAYS ON LID. (SEE 202.3 E)
F) SEE SHEET # 202.0 GENERAL NOTES AND DIMENSIONS INDEX, ALSO SHEET 202.1 TYP. CONC. BOX.
G) INVERT TO BE GROUTED (SEE 202.1).
H) PRECAST BOXES AS SPECIFIED IN F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS ARE AN ACCEPTABLE ALTERNATIVE AS APPROVED BY THE TRANSPORTATION DIRECTOR OR HIS DESIGNEE.
I) ANGLE BRACKETS SHOWN ON 202.1 NOT REQUIRED.

GRATE INLET

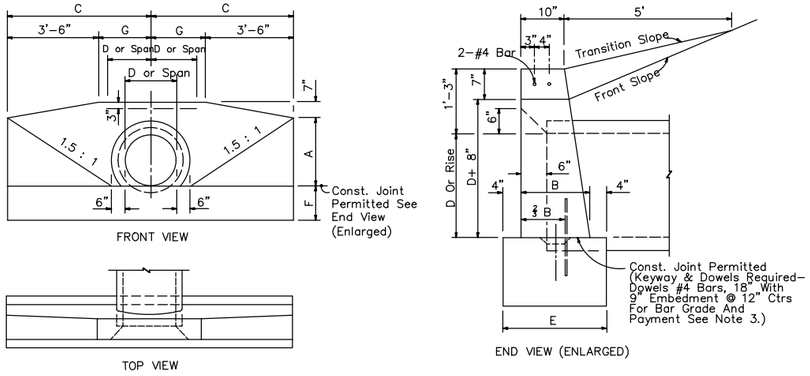
NTS

ROUND CONCRETE PIPE

D	Dimensions						
	A	B	C	E	F	G	S
15"	1'-11"	1'-2"	4'-0"	1'-10"	1'-2"	0'-6"	2'-7"
18"	2'-2"	1'-3"	4'-6"	1'-11"	1'-3"	1'-0"	2'-10"
21"	2'-5"	1'-4"	5'-0"	2'-0"	1'-4"	1'-6"	3'-2"
24"	2'-8"	1'-4"	5'-6"	2'-0"	1'-4"	2'-0"	3'-5"
27"	2'-11"	1'-5"	6'-0"	2'-1"	1'-5"	2'-6"	3'-10"
30"	3'-2"	1'-6"	6'-6"	2'-2"	1'-6"	3'-0"	4'-3"
36"	3'-8"	1'-8"	7'-6"	2'-4"	1'-8"	4'-0"	5'-1"
42"	4'-2"	1'-10"	8'-6"	2'-6"	2'-0"	5'-0"	6'-0"
48"	4'-8"	2'-1"	9'-6"	2'-9"	2'-0"	6'-0"	6'-9"
54"	5'-2"	2'-6"	10'-6"	3'-2"	2'-3"	7'-0"	7'-8"

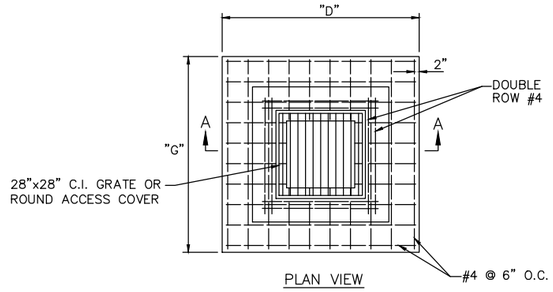
CONCRETE ELLIPTICAL PIPE

Rise	Span	Dimensions						
		A	B	C	E	F	G	S
12"	18"	1'-8"	1'-2"	3'-9"	1'-10"	1'-2"	0'-3"	2'-10"
14"	23"	1'-10"	1'-3"	4'-2½"	1'-11"	1'-3"	8½"	3'-5"
19"	30"	2'-3"	1'-4"	5'-1½"	2'-0"	1'-4"	1'-7½"	4'-2"
24"	38"	2'-8"	1'-5"	6'-3"	2'-1"	1'-5"	2'-9"	5'-2"
29"	45"	3'-1"	1'-6"	7'-0"	2'-2"	1'-6"	3'-6"	6'-0"
34"	53"	3'-6"	1'-7"	7'-11½"	2'-3"	1'-7"	4'-5½"	7'-1"
38"	60"	3'-10"	1'-8"	8'-9"	2'-4"	1'-8"	5'-3"	7'-11"
43"	68"	4'-3"	1'-10"	9'-8½"	2'-6"	1'-10"	6'-2½"	8'-10"
48"	76"	4'-8"	2'-1"	10'-8"	2'-9"	2'-0"	7'-2"	9'-9"
53"	83"	5'-1"	2'-6"	11'-7"	3'-2"	2'-6"	8'-1"	10'-7"
58"	91"	5'-6"	2'-10"	12'-6½"	3'-6"	2'-10"	9'-0½"	11'-4"

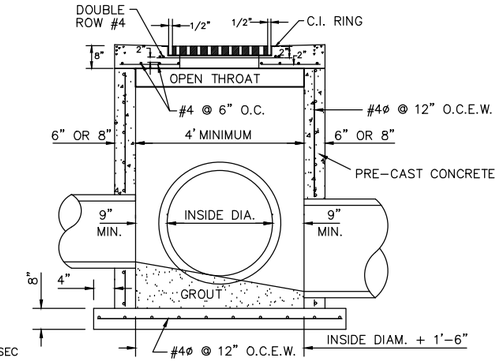


TYPICAL HEADWALL DETAIL

NTS



PLAN VIEW



NOTE: DIMENSIONS "D" & "G" PER SECTION 202.0

A) ALTERNATE C.I. GRATES, 18"X 24", 24"X 24", 28"X 36" OR ACCESS COVER (202.6).
B) 8" TRAFFIC BEARING LID W/ REINFORCING C.I. RING & DOUBLE ROW OF #4 REBAR.
C) FOLLOWING MATERIALS ARE SPECIFIED IN FLORIDA D.O.T. SPEC'S., 2000. SEC 346 CONCRETE, SEC 962-8 IRON CASTING, SEC 931-1 REINFORCED STEEL.
D) FILL BLOCKS WITH 3,000 P.S.I. CONCRETE (EACH CELL), USE #4 ROD IN EACH BLOCK, 16" O/C.
E) USE #4 ROD ON 6" CENTERS BOTH WAYS ON LID. (SEE 202.3 E)
F) SEE SHEET # 202.0 GENERAL NOTES AND DIMENSIONS INDEX, ALSO SHEET 202.1 TYP. CONC. BOX.
G) INVERT TO BE GROUTED (SEE 202.1).
H) PRECAST BOXES AS SPECIFIED IN F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS ARE AN ACCEPTABLE ALTERNATIVE AS APPROVED BY THE TRANSPORTATION DIRECTOR OR HIS DESIGNEE.
I) ANGLE BRACKETS SHOWN ON 202.1 NOT REQUIRED.

GRATE INLET/THROAT INLET

NTS

GRADING AND DRAINAGE DETAILS
ELLENTON GILLETTE ROAD

REVISIONS

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Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

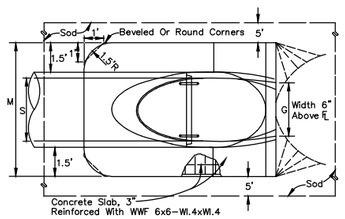
DESIGN JRF. DATE 03/03/14
DRAWN P.G. SCALE NONE
APPR. JRF. JOB NO. 7865

SHEET NO. 105 / 174

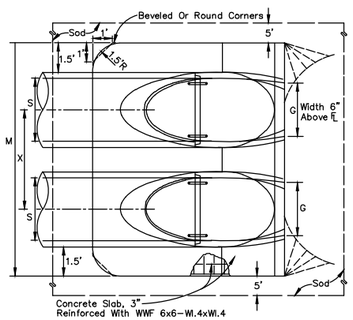
ELIPTICAL PIPE

DIMENSIONS & QUANTITIES

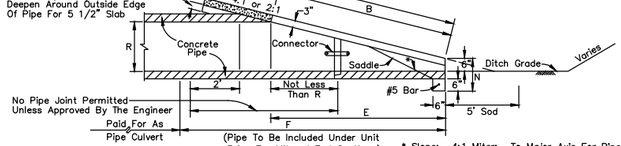
	Rise R	Span S	X	A	B	C	E	F	G	M Single Pipe	M Double Pipe	M Triple Pipe	M Quad. Pipe
2:1 Slope	12"	18"	2'-10"	1.97'	1.62'	3.59'	1.56'	4'	1.50'	4.92'	7.75'	10.58'	13.42'
	14"	23"	3'-4"	2.01'	1.99'	4.00'	1.89'	5'	1.90'	5.38'	8.71'	12.04'	15.38'
	19"	30"	4'-0"	2.11'	2.92'	5.03'	2.73'	6'	2.37'	6.04'	10.04'	14.04'	18.04'
	24"	38"	5'-0"	2.20'	3.85'	6.05'	3.56'	7'	2.85'	6.79'	11.79'	16.79'	21.79'
	29"	45"	5'-11"	2.34'	4.79'	7.13'	4.39'	8'	3.19'	7.50'	13.42'	19.33'	25.25'
	34"	53"	7'-0"	2.43'	5.72'	8.15'	5.23'	9'	3.57'	8.25'	15.25'	22.25'	29.25'
	38"	60"	7'-10"	2.52'	6.46'	8.98'	5.89'	9'	3.95'	8.92'	16.75'	24.58'	32.42'
	43"	68"	8'-11"	2.62'	7.39'	10.01'	6.73'	10'	4.28'	9.67'	18.58'	27.50'	36.42'
	48"	76"	9'-11"	2.71'	8.33'	11.04'	7.56'	11'	4.59'	10.42'	20.33'	30.25'	40.17'
	53"	83"	10'-8"	2.80'	9.26'	12.06'	8.39'	12'	4.77'	11.08'	21.75'	32.42'	43.08'
	58"	91"	11'-8"	2.90'	10.19'	13.09'	9.23'	13'	5.01'	11.83'	23.50'	35.17'	46.83'
4:1 Slope	12"	18"	2'-10"	2.36'	3.06'	5.42'	3.03'	5'	1.50'	4.92'	7.75'	10.58'	13.42'
	14"	23"	3'-4"	2.44'	3.75'	6.19'	3.70'	6'	1.90'	5.38'	8.71'	12.04'	15.38'
	19"	30"	4'-0"	2.62'	5.47'	8.09'	5.36'	8'	2.37'	6.04'	10.04'	14.04'	18.04'
	24"	38"	5'-0"	2.79'	7.18'	9.97'	7.03'	10'	2.85'	6.79'	11.79'	16.79'	21.79'
	29"	45"	5'-11"	3.05'	8.90'	11.95'	8.70'	12'	3.19'	7.50'	13.42'	19.33'	25.25'
	34"	53"	7'-0"	3.22'	10.62'	13.84'	10.36'	13'	3.57'	8.25'	15.25'	22.25'	29.25'
	38"	60"	7'-10"	3.39'	11.99'	15.38'	11.70'	15'	3.95'	8.92'	16.75'	24.58'	32.42'
	43"	68"	8'-11"	3.56'	13.71'	17.27'	13.36'	17'	4.28'	9.67'	18.58'	27.50'	36.42'
	48"	76"	9'-11"	3.73'	15.43'	19.16'	15.03'	19'	4.59'	10.42'	20.33'	30.25'	40.17'
	53"	83"	10'-8"	3.91'	17.15'	21.06'	16.70'	20'	4.77'	11.08'	21.75'	32.42'	43.08'
	58"	91"	11'-8"	4.08'	18.87'	22.95'	18.36'	22'	5.01'	11.83'	23.50'	35.17'	46.83'



TOP VIEW—SINGLE PIPE



TOP VIEW—MULTIPLE PIPE



* Slope: 4:1 Miter: To Major Axis For Pipes 24"x38" And Smaller. 2:1 For Pipes 29"x45" And Larger.
2:1 Miter: To Major Axis For Pipes 29"x45" And Smaller. 1:1 For Pipes 34"x53" And Larger.

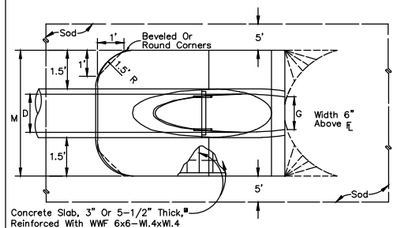
SECTION

MANATEE COUNTY TRANSPORTATION DEPARTMENT				
REV.BY	DATE	6/12/07 DATE OF B.O.C.C. APPROVAL	MITERED END SECTION FOR ELIPTICAL, SINGLE, AND MULTIPLE PIPES	102.1

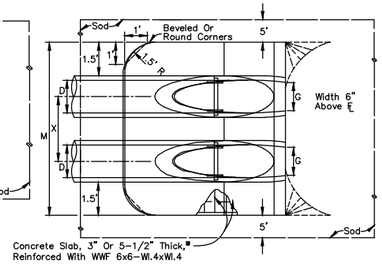
ROUND PIPE

DIMENSIONS AND QUANTITIES

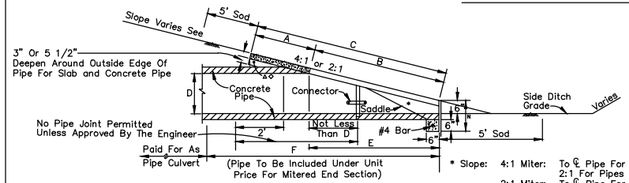
	D	X	A	B	C	E	F	G	M Single Pipe	M Double Pipe	M Triple Pipe	M Quad. Pipe
2:1 Slope	15"	2'-7"	1.92'	2.18'	4.10'	2.06'	5'	1.22'	4.63'	7.21'	9.79'	12.37'
	18"	2'-10"	1.97'	2.74'	4.71'	2.56'	6'	1.41'	4.92'	7.75'	10.58'	13.42'
	24"	3'-5"	2.06'	3.85'	5.91'	3.56'	7'	1.73'	5.50'	8.92'	12.33'	15.75'
	30"	4'-3"	2.15'	4.95'	7.10'	4.56'	8'	2.00'	6.08'	10.33'	14.58'	18.83'
	36"	5'-1"	2.25'	6.08'	8.33'	5.56'	9'	2.24'	6.67'	11.75'	16.83'	21.92'
	42"	6'-0"	2.34'	7.21'	9.55'	6.56'	10'	2.45'	7.25'	13.25'	19.25'	25.25'
	48"	6'-9"	2.43'	8.33'	10.76'	7.56'	11'	2.65'	7.83'	14.58'	21.33'	28.08'
	54"	7'-8"	2.52'	9.44'	11.96'	8.56'	12'	2.83'	8.42'	16.08'	23.75'	31.42'
	60"	8'-6"	2.62'	10.56'	13.18'	9.56'	14'	3.00'	9.00'	17.50'	26.00'	34.50'
	66"	9'-2"	2.71'	11.68'	14.39'	10.56'	15'	3.18'	9.58'	18.75'	27.92'	37.08'
	72"	10'-0"	2.80'	12.80'	15.60'	11.56'	16'	3.30'	10.16'	20.16'	30.16'	40.16'
4:1 Slope	15"	2'-7"	2.27'	4.09'	6.36'	4.03'	8'	1.22'	4.63'	7.21'	9.79'	12.37'
	18"	2'-10"	2.36'	5.12'	7.48'	5.03'	9'	1.41'	4.92'	7.75'	10.58'	13.42'
	24"	3'-5"	2.53'	7.18'△	9.71'	7.03'△	11'	1.73'	5.50'	8.92'	12.33'	15.75'
	30"	4'-3"	2.70'	9.25'	11.95'	9.03'	13'	2.00'	6.08'	10.33'	14.58'	18.83'
	36"	5'-1"	2.87'	11.31'◇	14.18'	11.03'◇	15'	2.24'	6.67'	11.75'	16.83'	21.92'
	42"	6'-0"	3.05'	13.37'	16.42'	13.03'	17'	2.45'	7.25'	13.25'	19.25'	25.25'
	48"	6'-9"	3.22'	15.43'	18.65'	15.03'	19'	2.65'	7.83'	14.58'	21.33'	28.08'
	54"	7'-8"	3.39'	17.49'	20.88'	17.03'	21'	2.83'	8.42'	16.08'	23.75'	31.42'
	60"	8'-6"	3.56'	19.55'	23.11'	19.03'	23'	3.00'	9.00'	17.50'	26.00'	34.50'
	66"	9'-2"	3.73'	21.62'	25.35'	21.03'	25'	3.18'	9.58'	18.75'	27.92'	37.08'
	72"	10'-0"	3.91'	22.68'	26.59'	23.03'	27'	3.30'	10.16'	20.16'	30.16'	40.16'



TOP VIEW—SINGLE PIPE



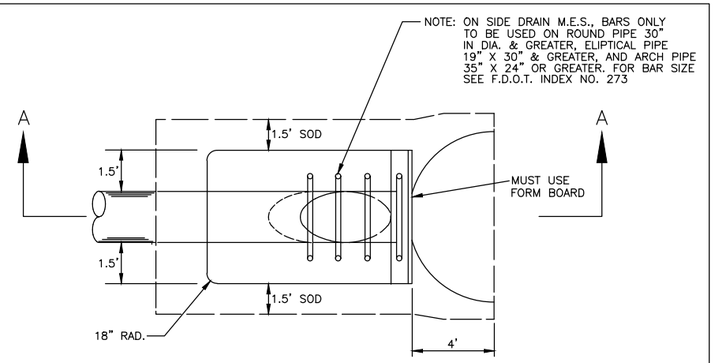
TOP VIEW—MULTIPLE PIPE



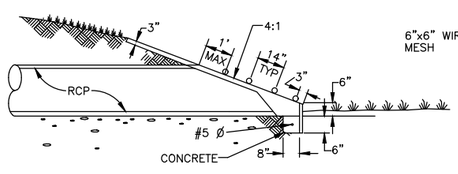
* Slope: 4:1 Miter: To ℄ Pipe For Pipes 18" And Smaller. 2:1 For Pipes 24" And Larger.
2:1 Miter: To ℄ Pipe For Pipes 18" And Smaller. 1:1 For Pipes 24" And Larger.

SECTION

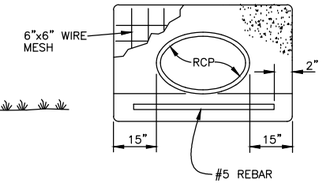
MANATEE COUNTY TRANSPORTATION DEPARTMENT				
REV.BY	DATE	6/12/07 DATE OF B.O.C.C. APPROVAL	MITERED END SECTION FOR ROUND, SINGLE & MULTIPLE PIPES	102.2



PLAN VIEW



SECTION A—A



END VIEW

SOD TO BE PLACED 1.5 FT AROUND THE PERIMETER OF THE WALL, SOD TO BE BAHIA; ST. AUGUSTINE SOD WHERE THERE IS TIDAL, HEAVY CONCENTRATION OF SALT, OR SURROUNDING PROPERTY IS ST. AUGUSTINE.

MANATEE COUNTY TRANSPORTATION DEPARTMENT				
REV.BY	DATE	6/12/07 DATE OF B.O.C.C. APPROVAL	DRIVEWAY AND ROAD PIPE MITERED END SECTION	103.0

GRADING AND DRAINAGE DETAILS
ELLENTON GILLETTE ROAD

REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
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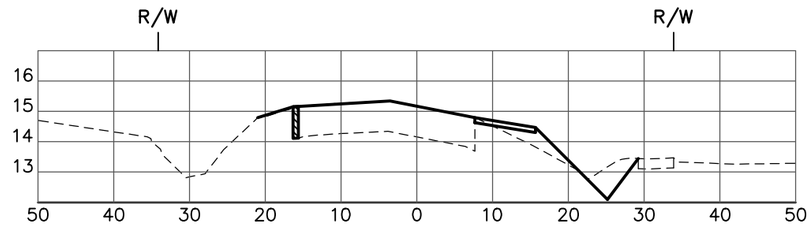
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN J.R.F. DATE 03/03/14
DRAWN P.G. SCALE NONE
APPR. J.R.F. JOB NO. 7865

SHEET NO. 106 / 174



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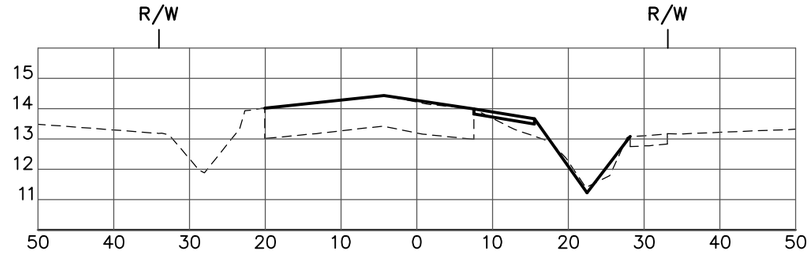

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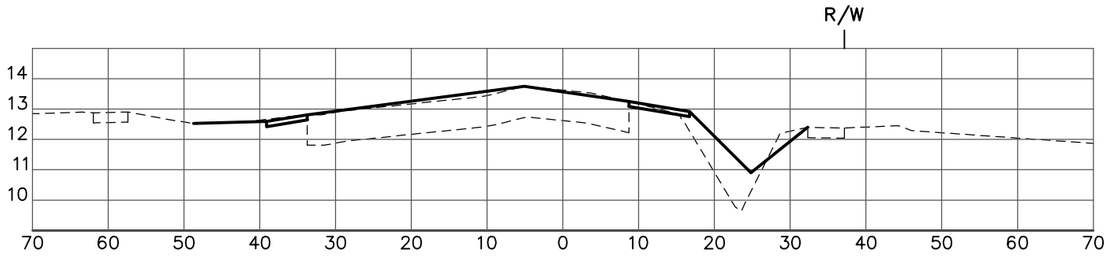

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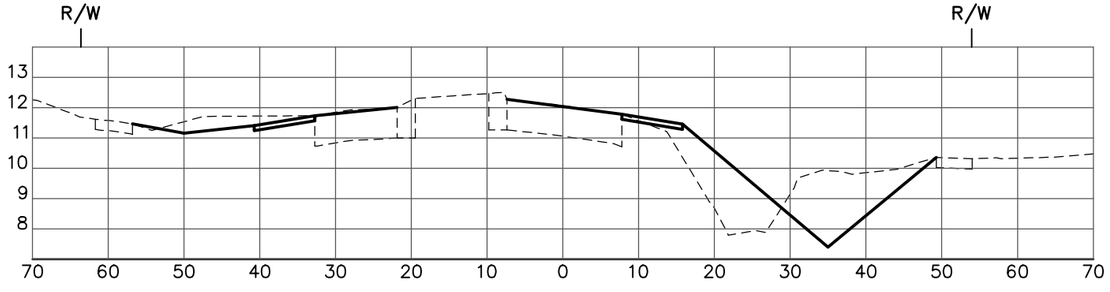

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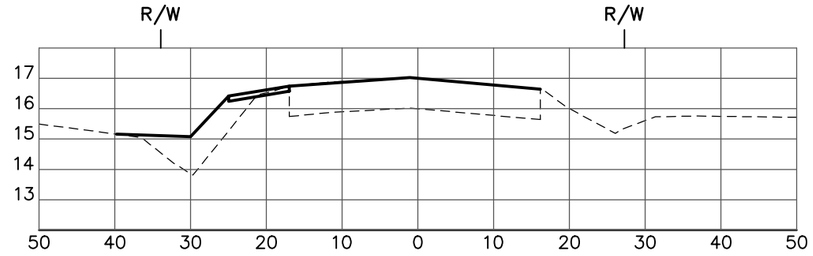
BEGIN CONSTRUCTION



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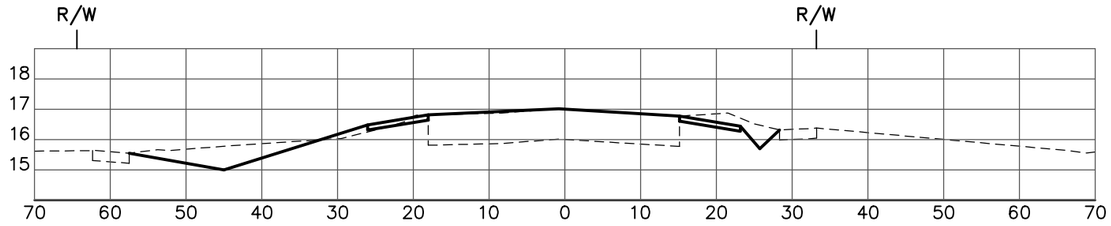

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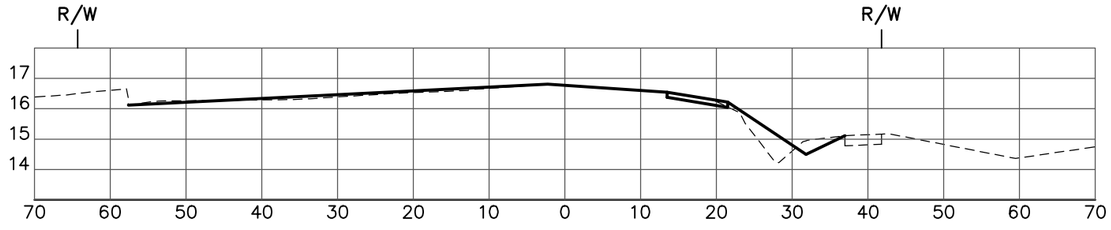

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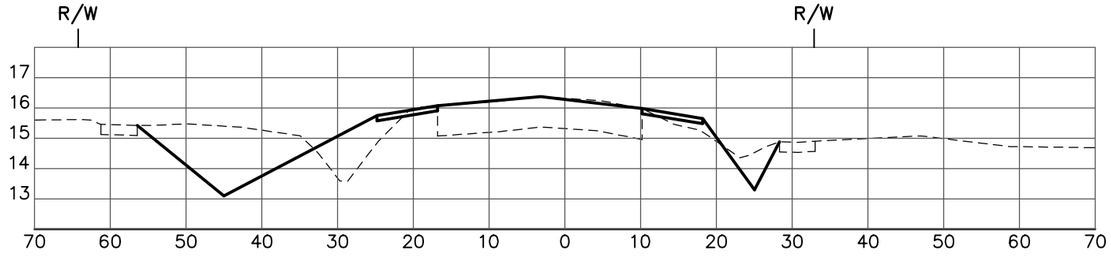

STA: 23+00

CROSS SECTIONS

ELLENTON/GILLETTE ROAD

REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/13/13
DRAWN P.G. SCALE 1"=20'H 1"=5' V
APPR. JRF. JOB NO. 7865

SHEET NO. 107 / 174

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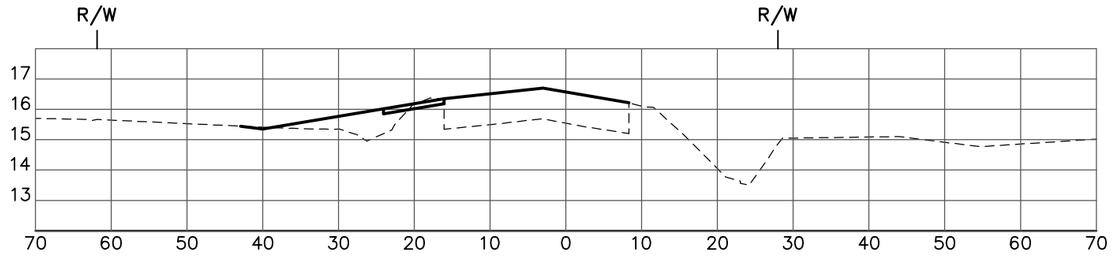

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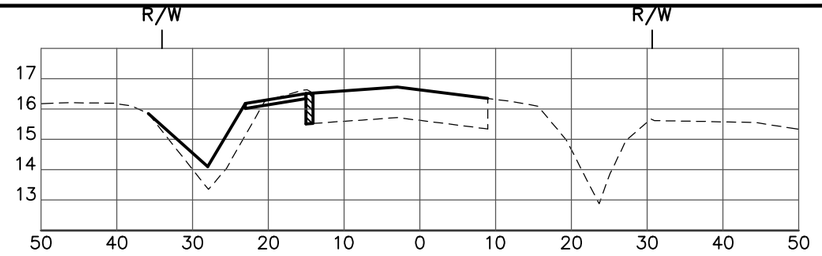

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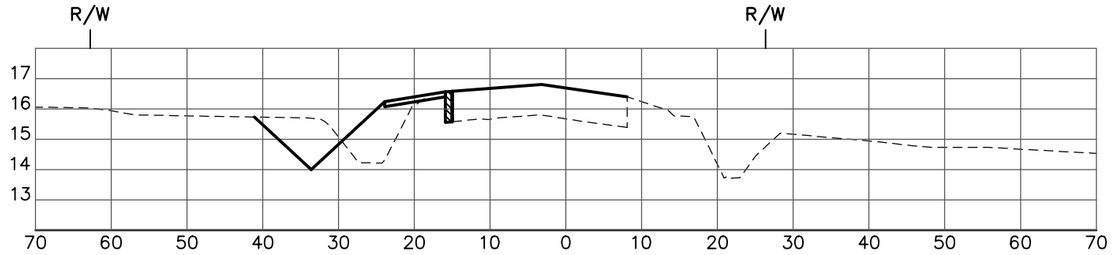

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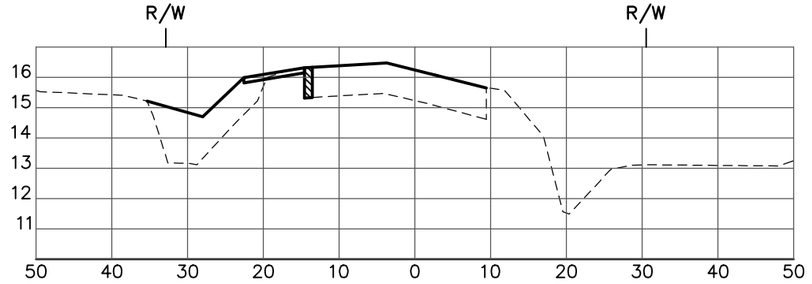

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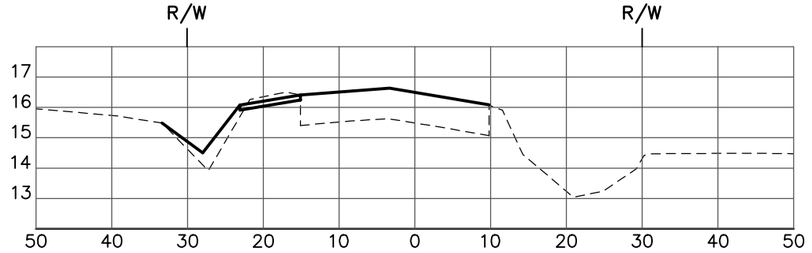

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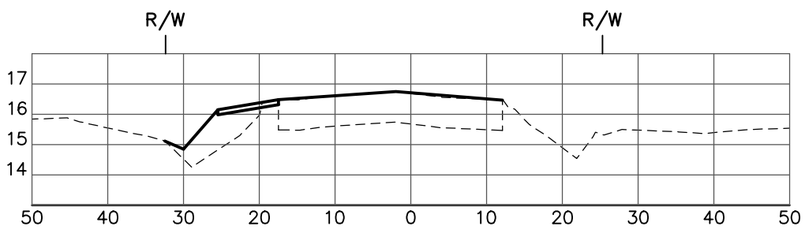

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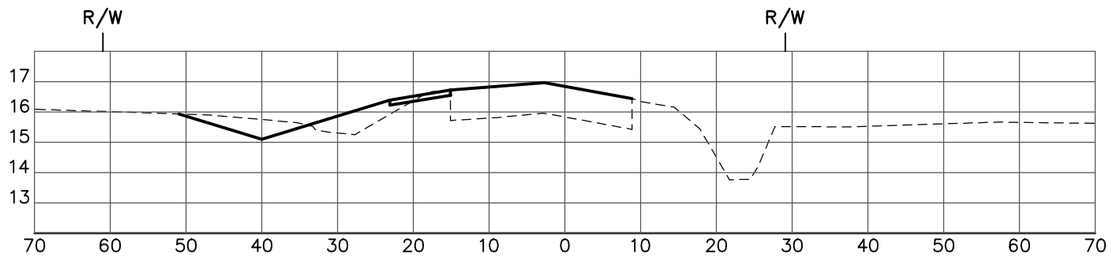

STA: 39+00

CROSS SECTIONS

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Consulting Engineers, Surveyors and Planners

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PROJECT ENGINEER

JOHN R. FOLEY

38630

P.E. REG. NO.

DESIGN JRF. DATE 12/13/13

DRAWN P.G. SCALE 1"=20'H 1"=5' V

APPR. JRF. JOB NO. 7865

SHEET NO. 108 / 174

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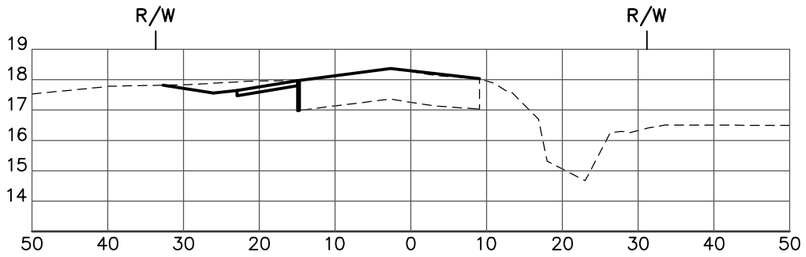

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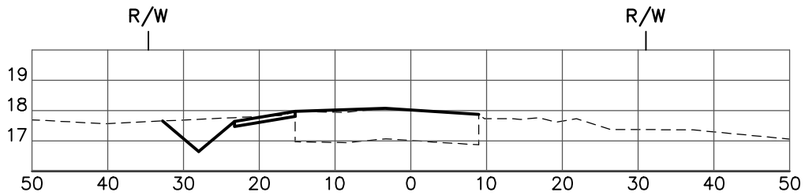

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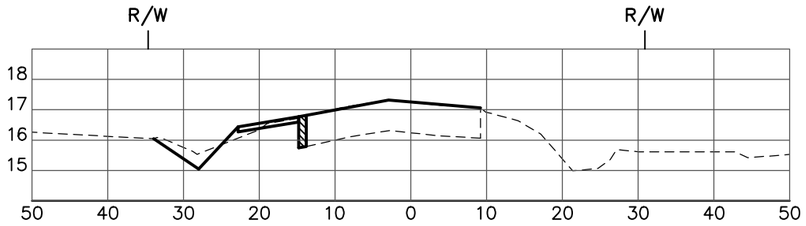

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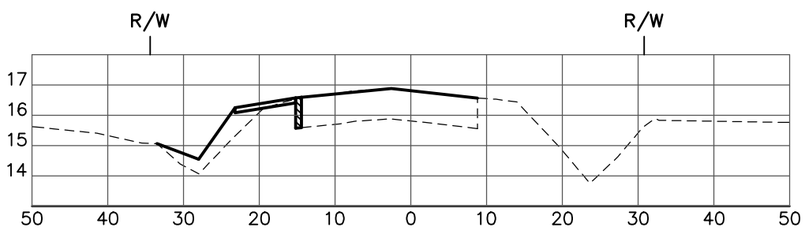

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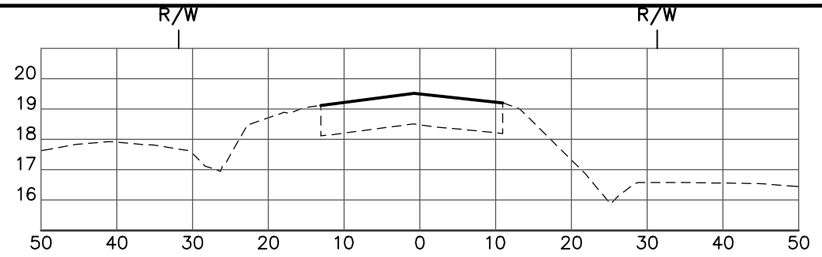

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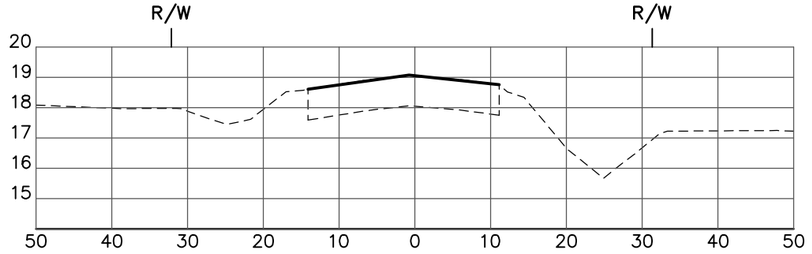

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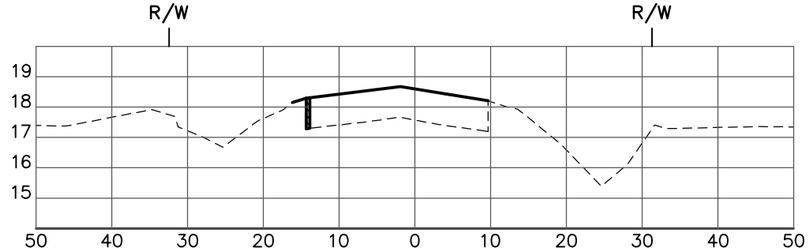

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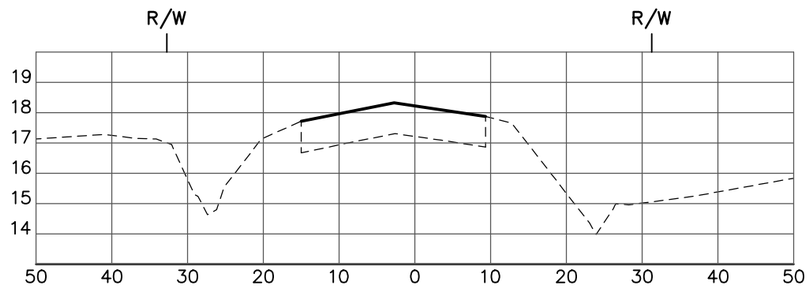

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CROSS SECTIONS
ELLENTON/GILLETTE ROAD

REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
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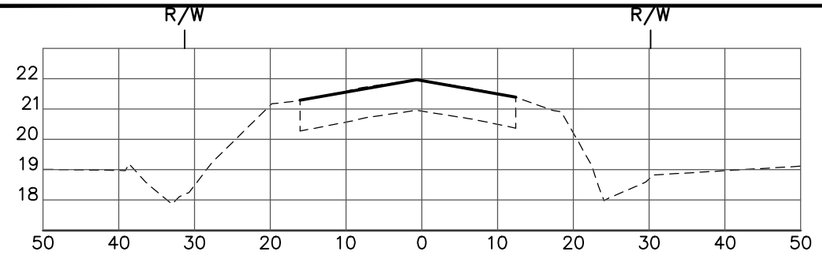
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/13/13
DRAWN P.G. SCALE 1"=20'H 1"=5' V
APPR. JRF. JOB NO. 7865

SHEET NO. 109 / 174



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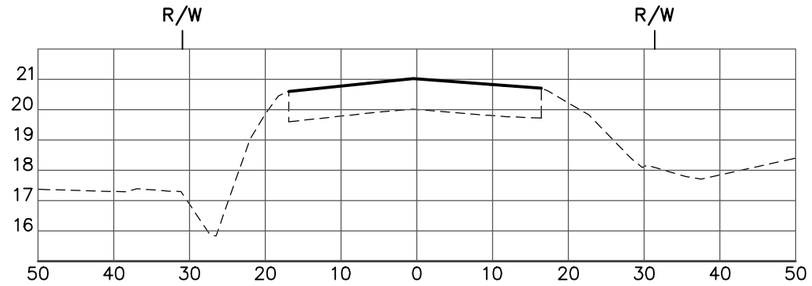

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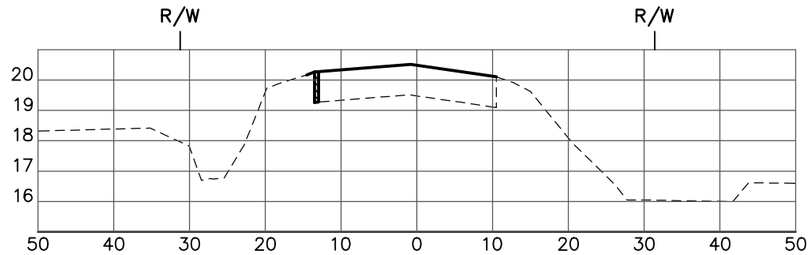

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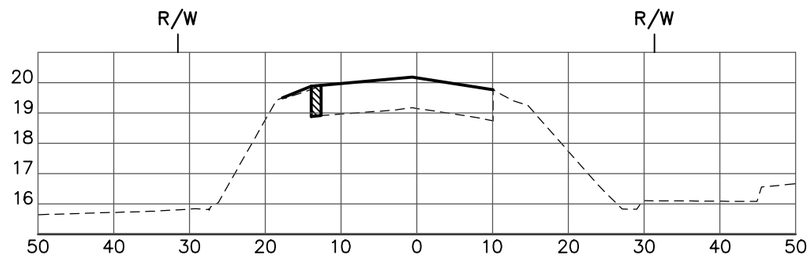

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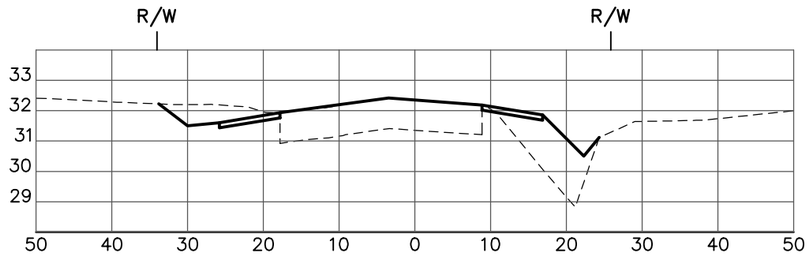

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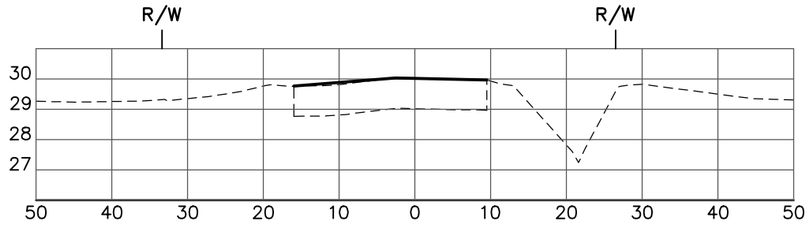

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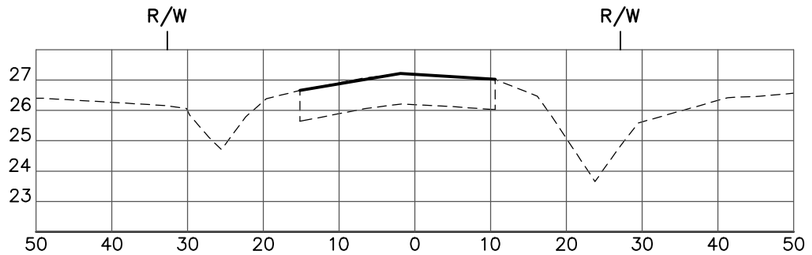

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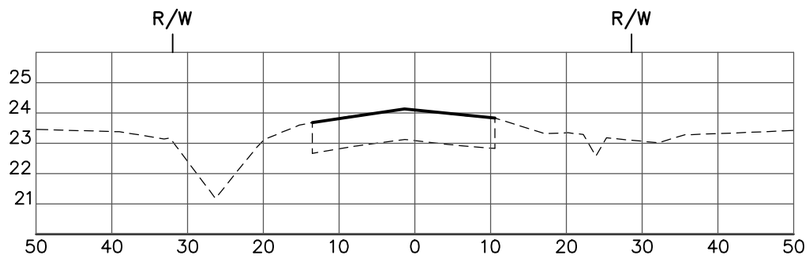

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CROSS SECTIONS

ELLENTON/GILLETTE ROAD

REVISIONS

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Consulting Engineers, Surveyors and Planners
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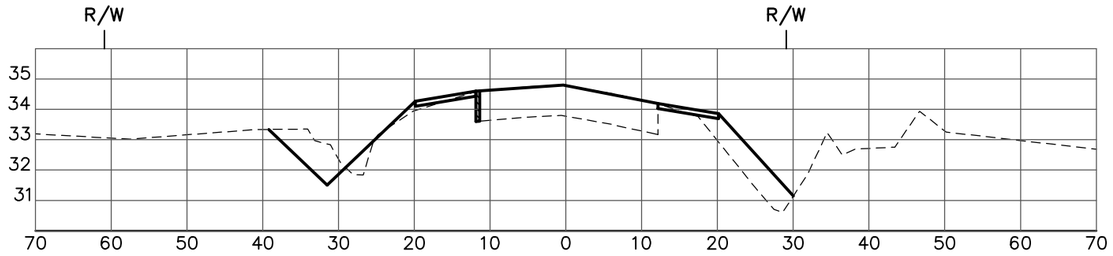
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/13/13
DRAWN P.G. SCALE 1"=20'H 1"=5' V
APPR. JRF. JOB NO. 7865

SHEET NO. 110 / 174



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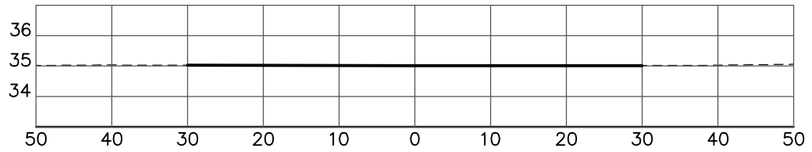

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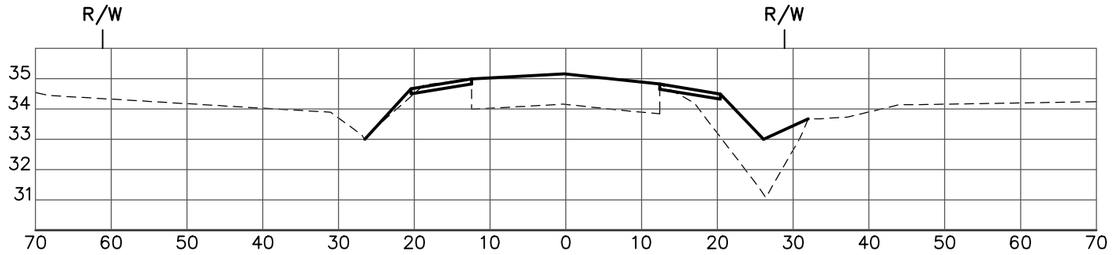

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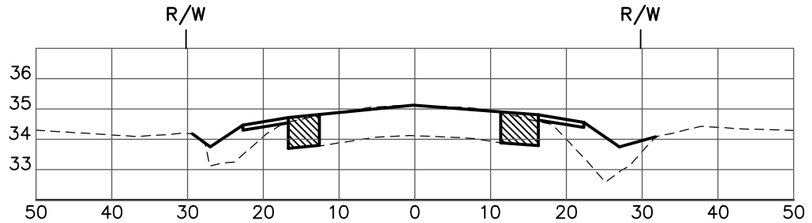

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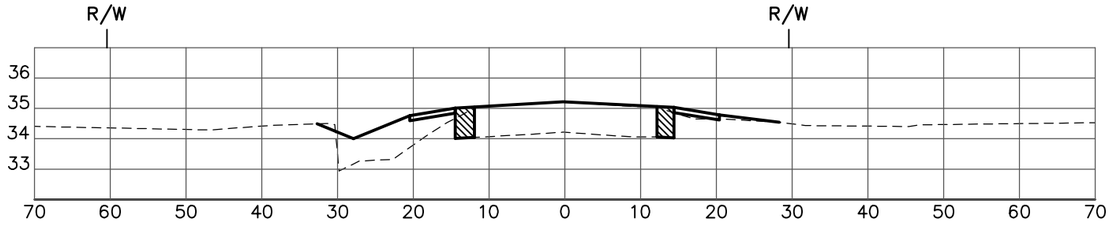

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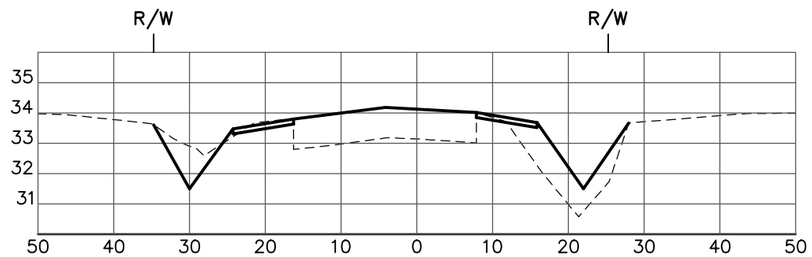

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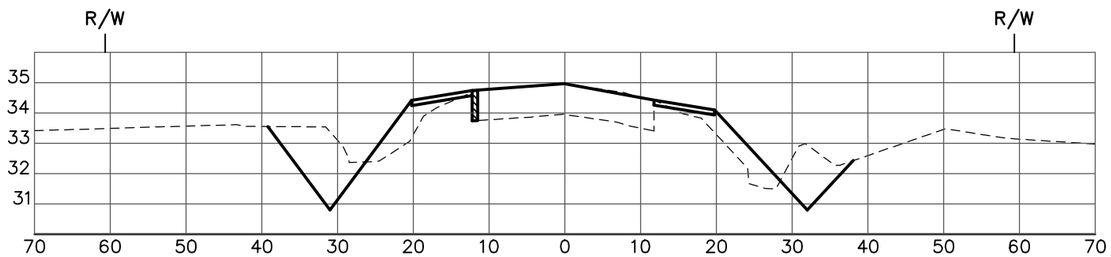

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CROSS SECTIONS

ELLENTON/GILLETTE ROAD

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PROJECT ENGINEER

JOHN R. FOLEY

38630

P.E. REG. NO.

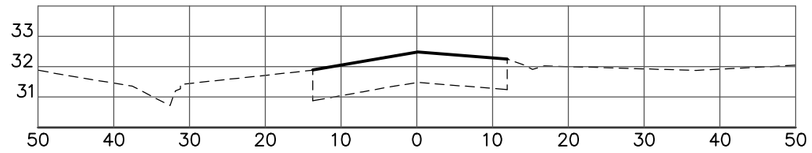
DESIGN JRF. DATE 12/13/13

DRAWN P.G. SCALE 1"=20'H 1"=5' V

APPR. JRF. JOB NO. 7865

SHEET NO. 111 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-XS.dwg, 10/16/2020 10:19:40 AM, cmitchell, 1:20



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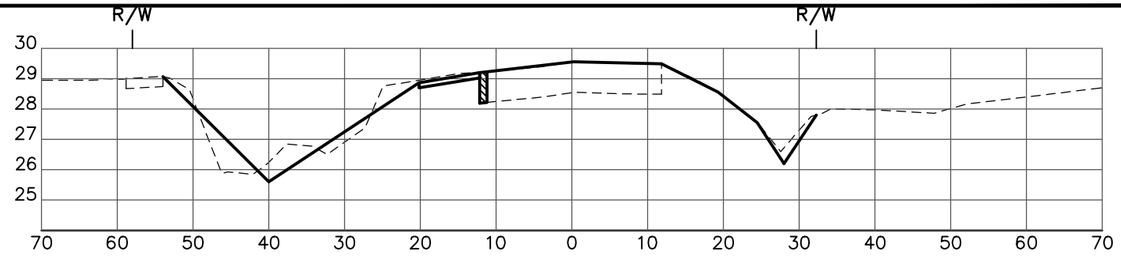

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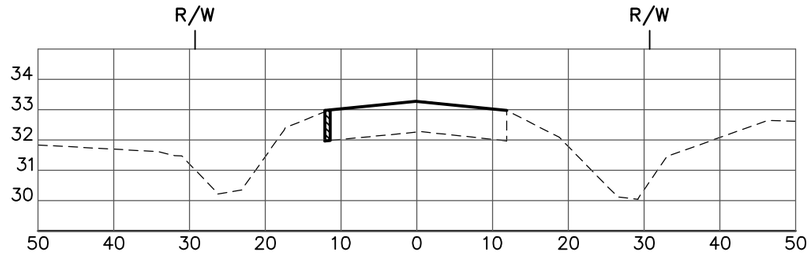

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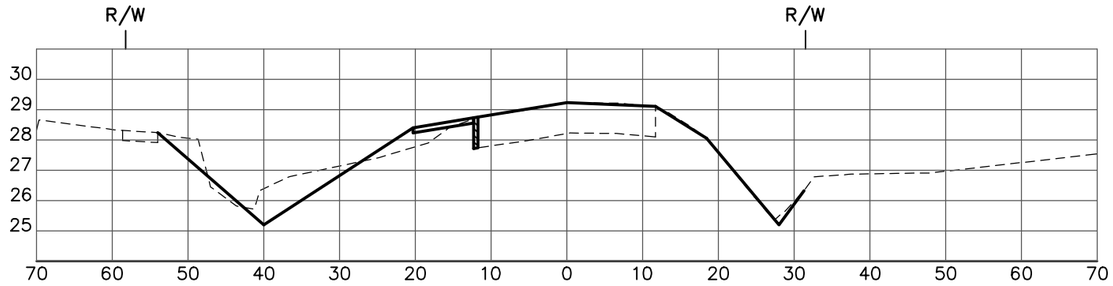

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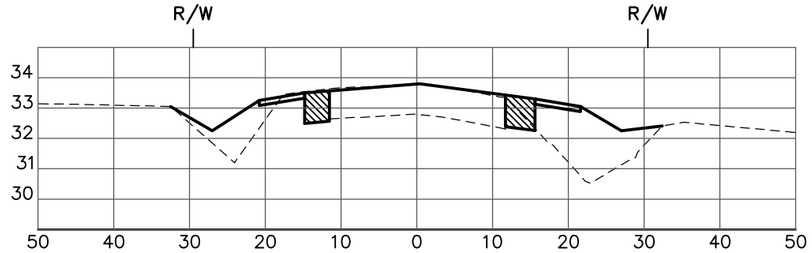

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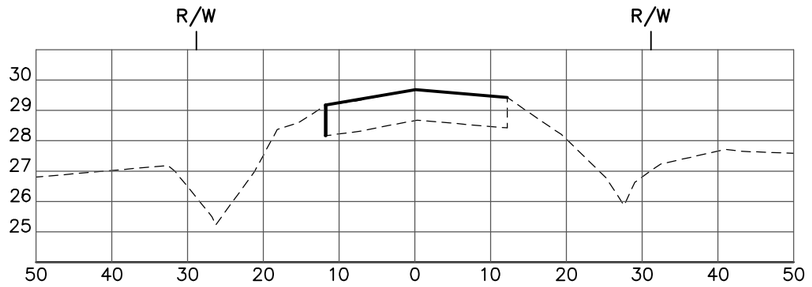

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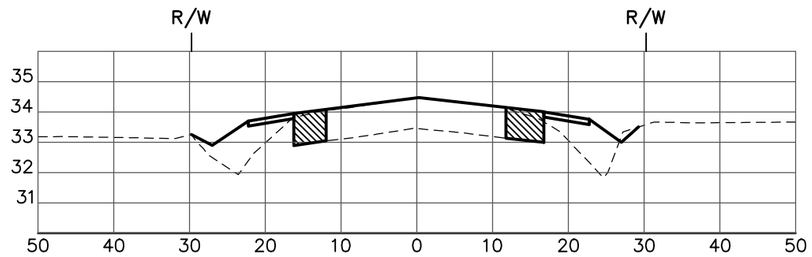

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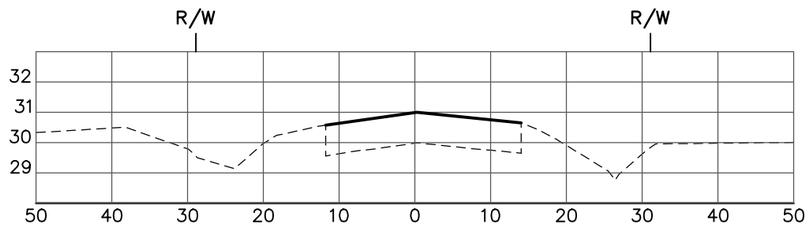

STA: 103+00

REVISIONS

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Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/13/13
DRAWN P.G. SCALE 1"=20'H 1"=5' V
APPR. JRF. JOB NO. 7865

SHEET NO. 112 / 174

CROSS SECTIONS
ELLENTON/GILLETTE ROAD

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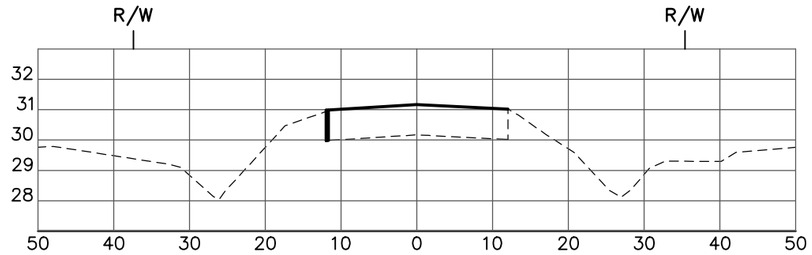

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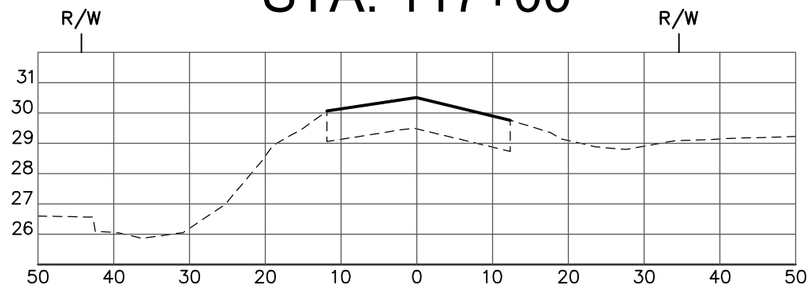

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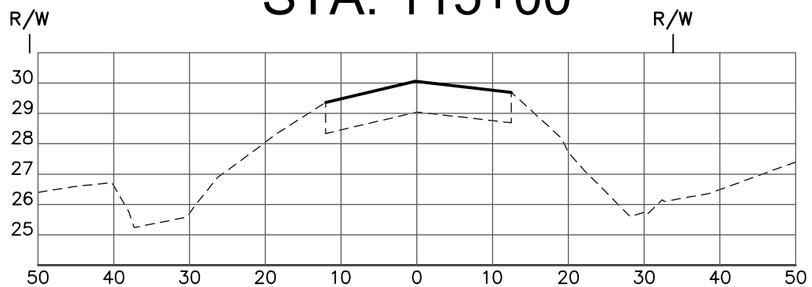

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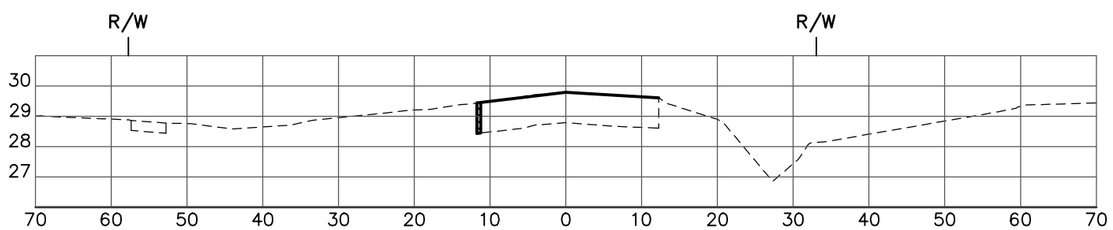

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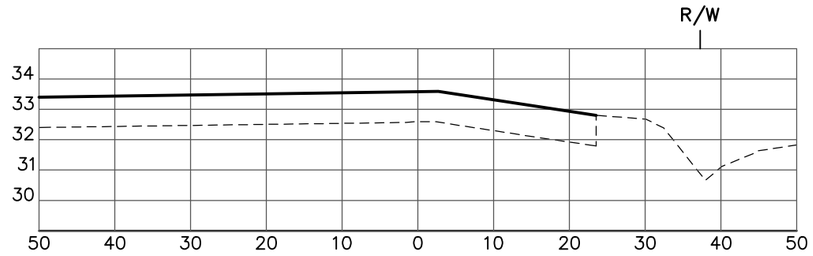

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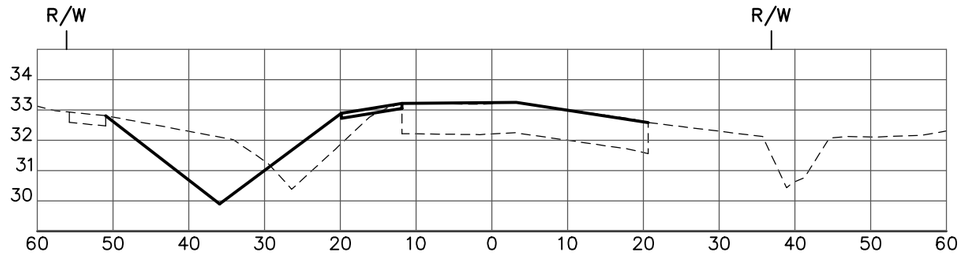

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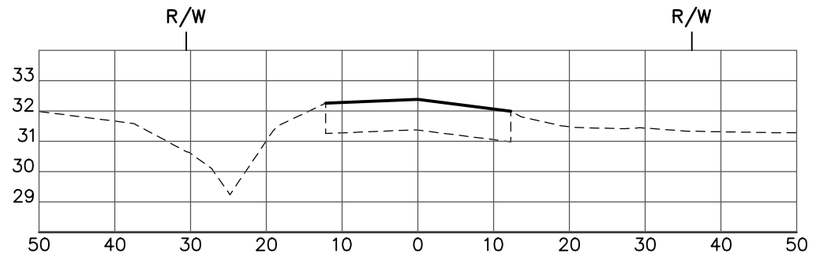

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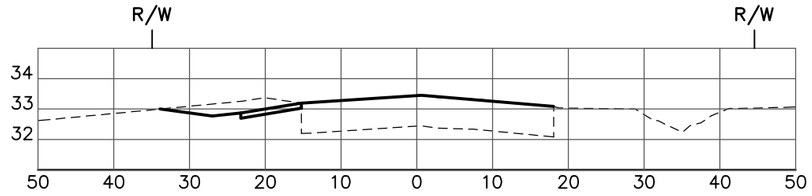
SHEET NO. 113 / 174

CROSS SECTIONS
ELLENTON/GILLETTE ROAD



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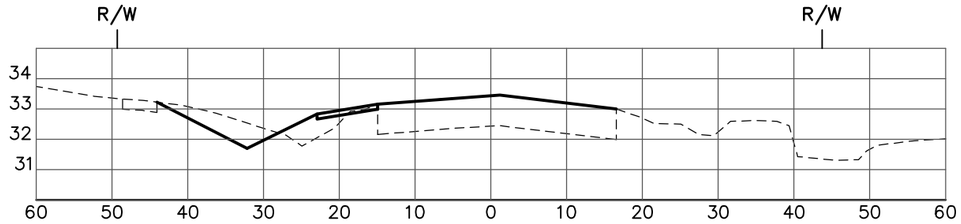

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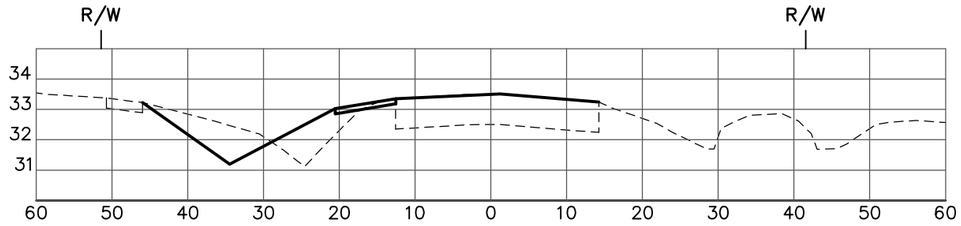

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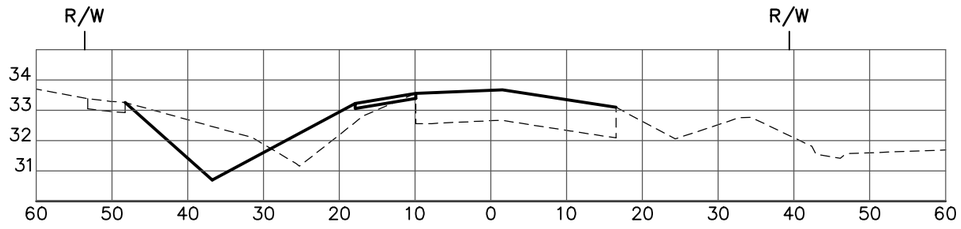

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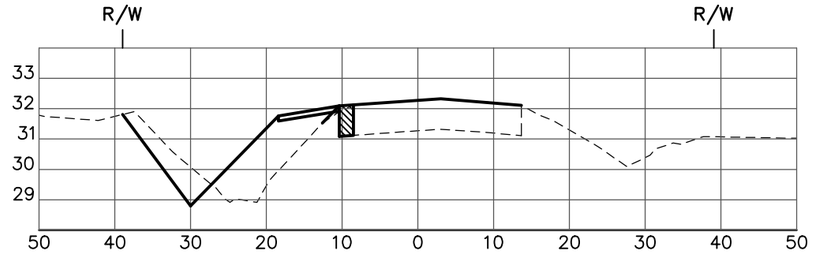

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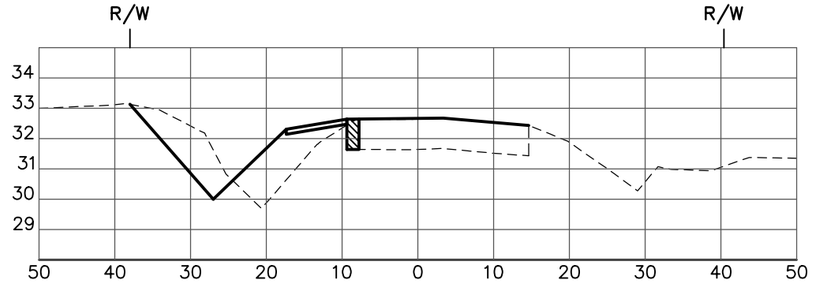

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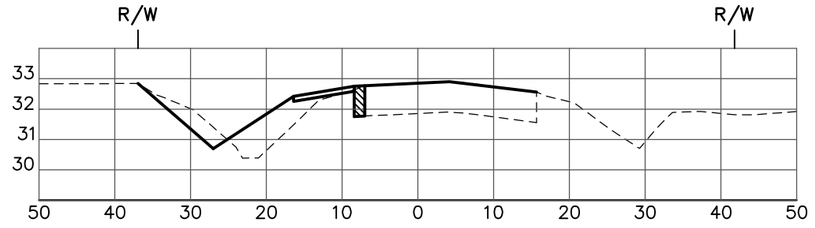

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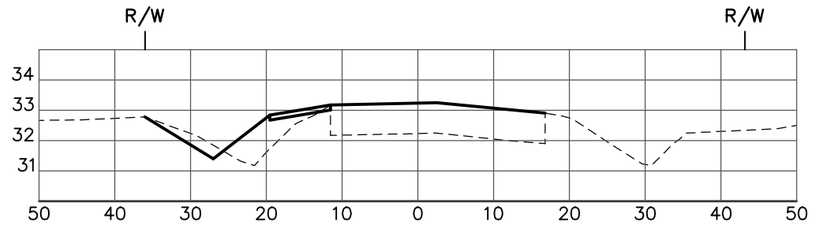

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CROSS SECTIONS

ELLENTON/GILLETTE ROAD

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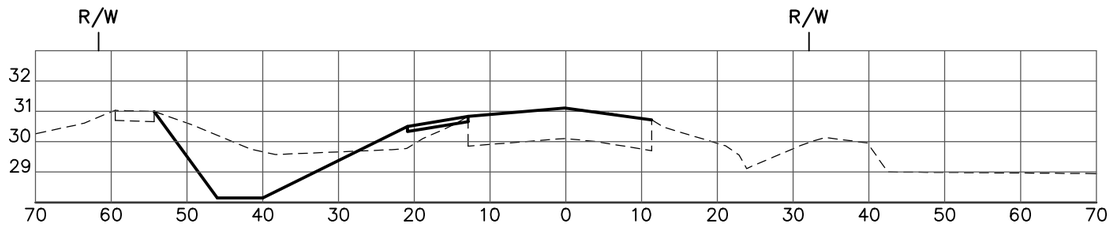
SHEET NO. 114 / 174



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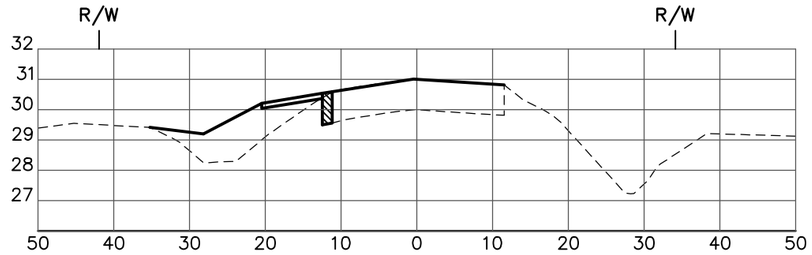

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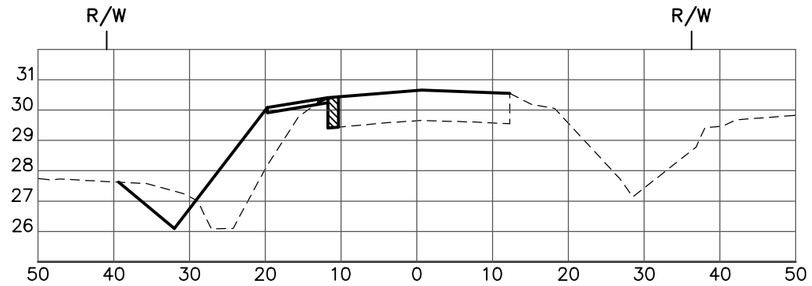

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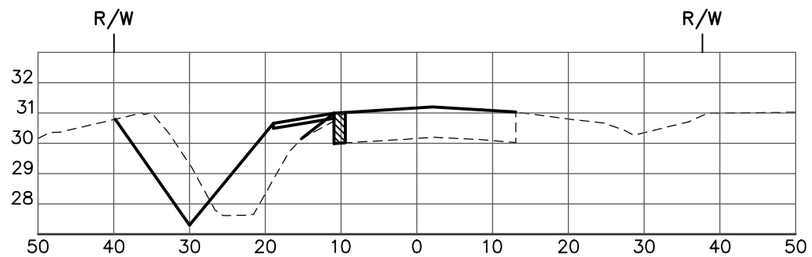

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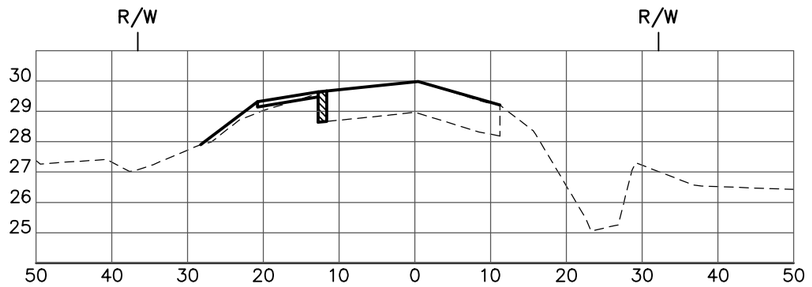

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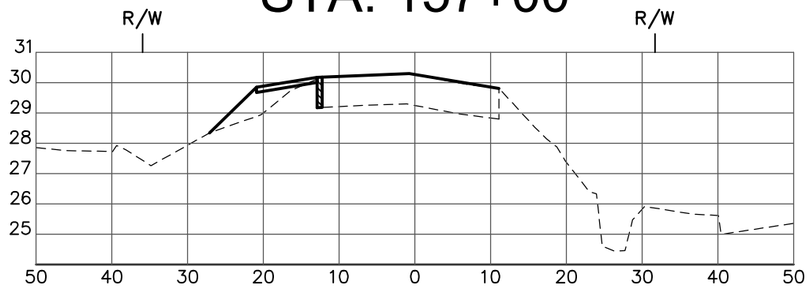

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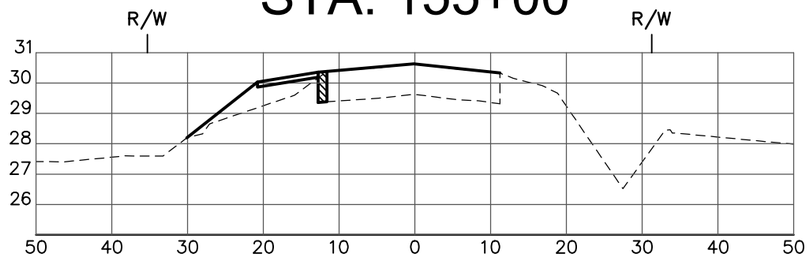

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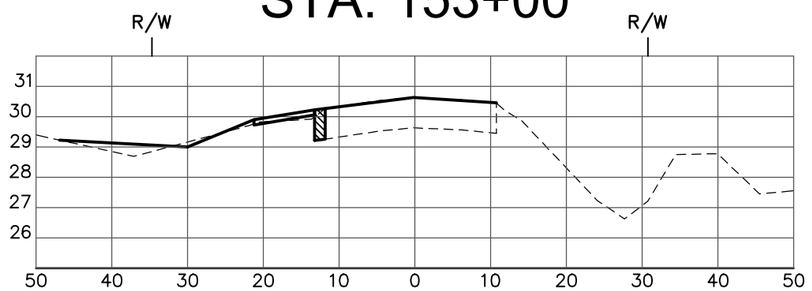

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CROSS SECTIONS
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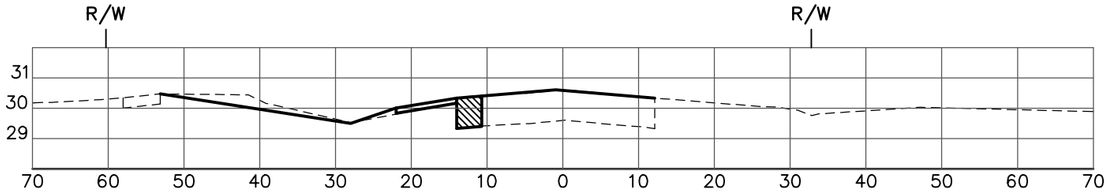
SHEET NO. 115 / 174



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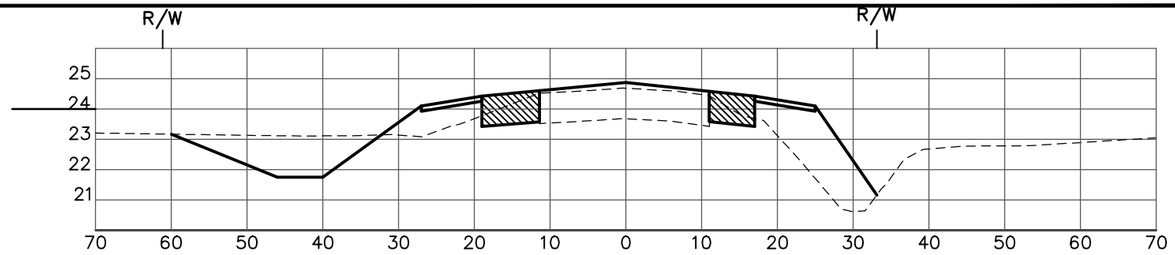

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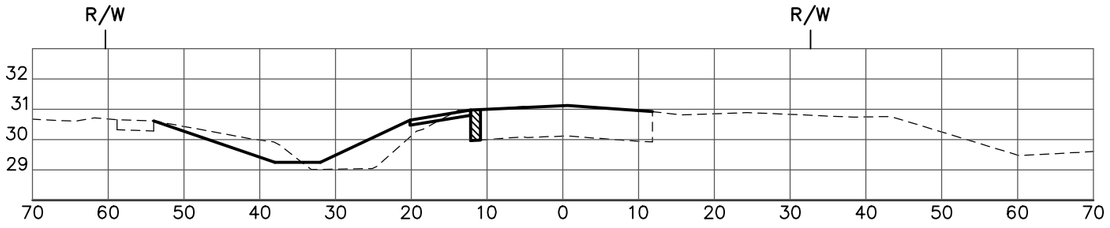

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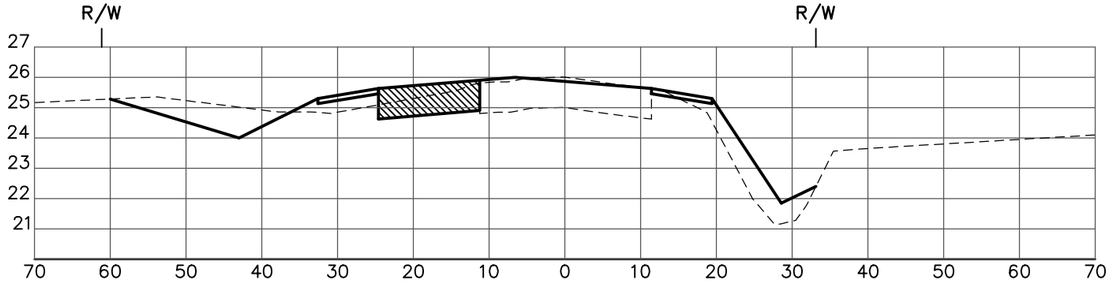

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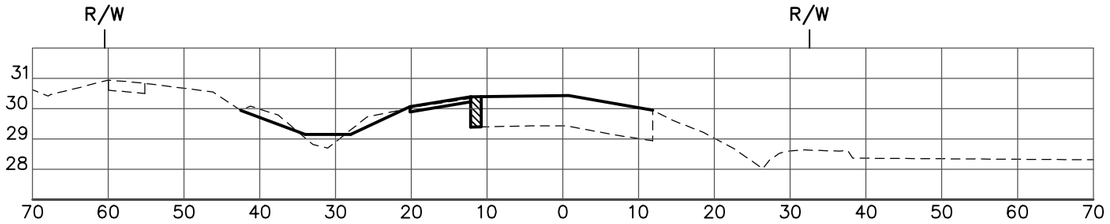

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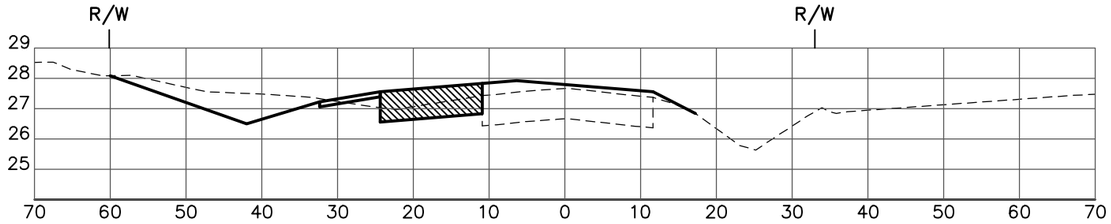

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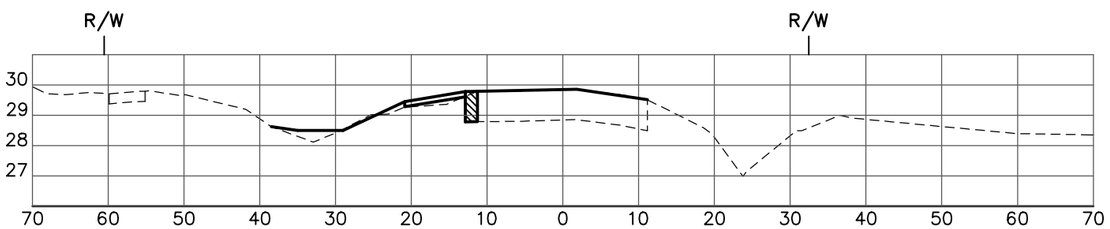

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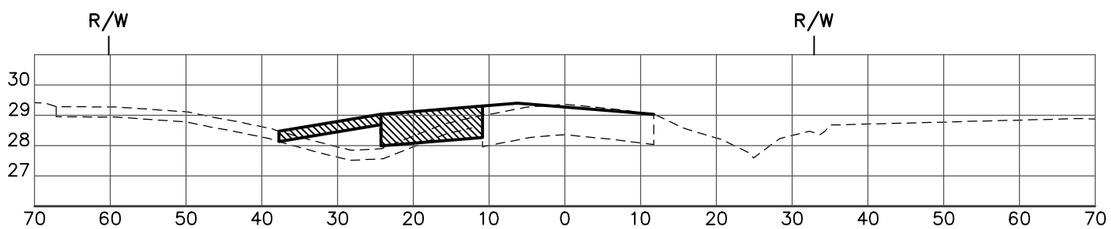

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CROSS SECTIONS
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DESIGN JRF. DATE 12/13/13
DRAWN P.G. SCALE 1"=20'H 1"=5' V
APPR. JRF. JOB NO. 7865

SHEET NO. 116 / 174

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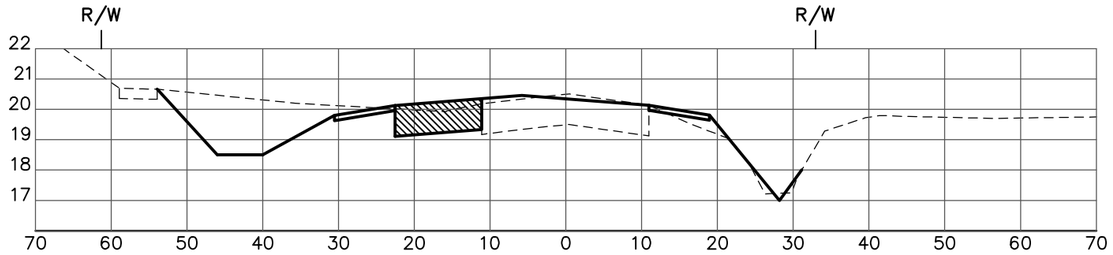

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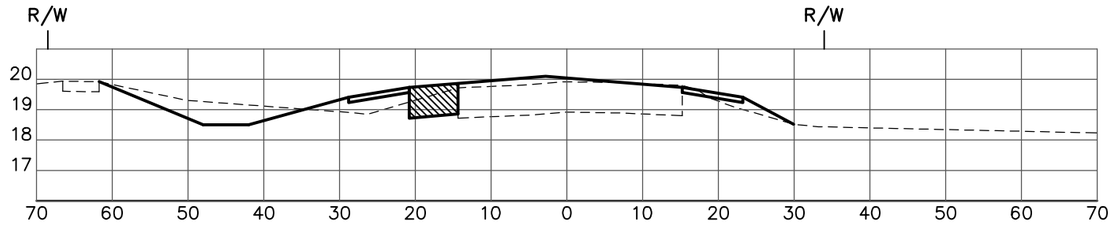

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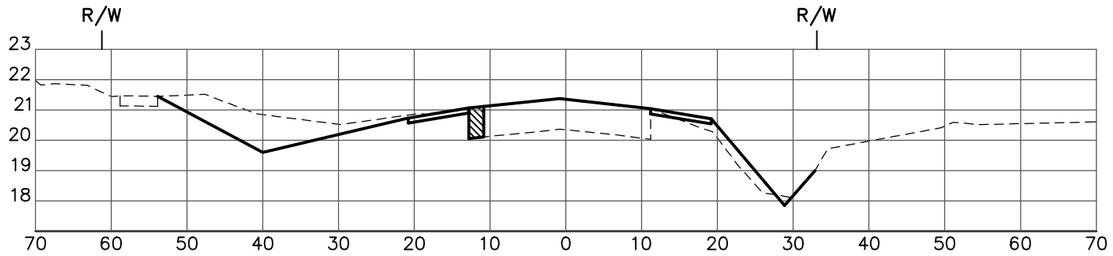

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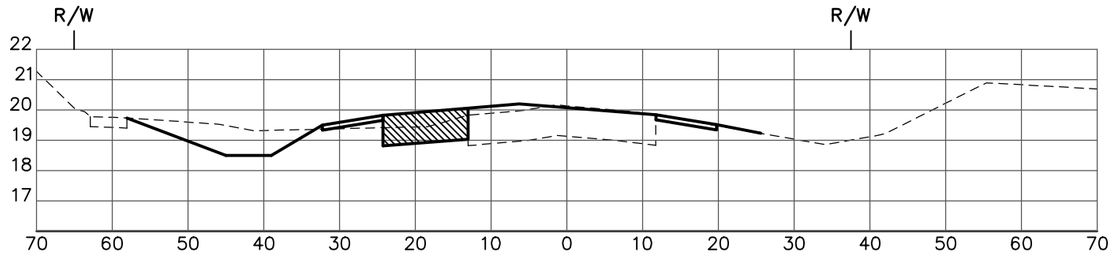

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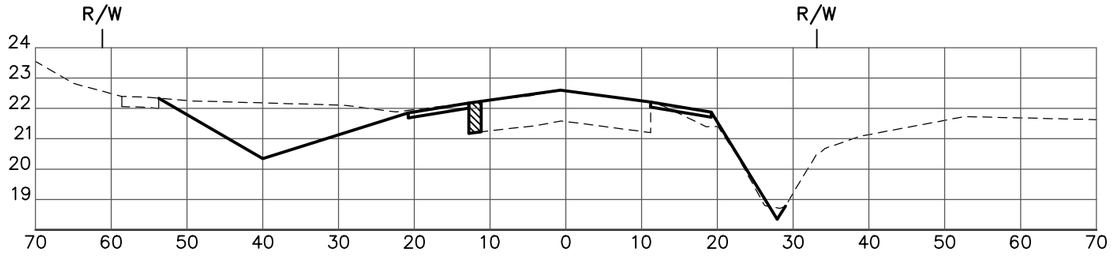

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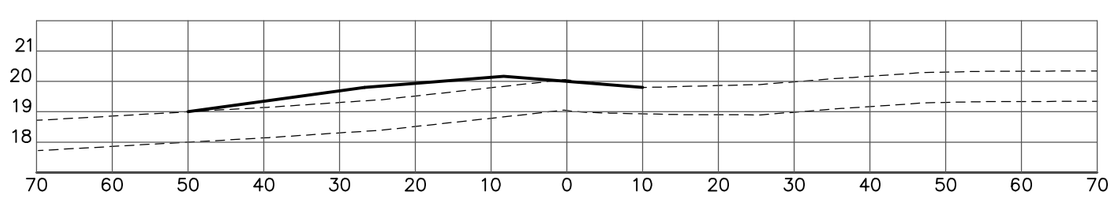

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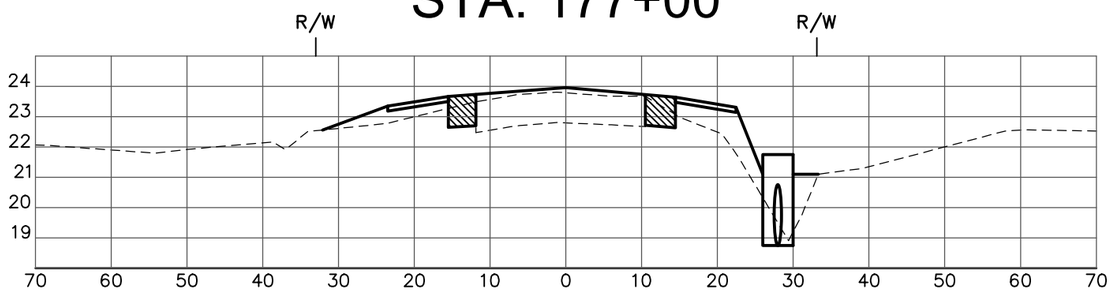

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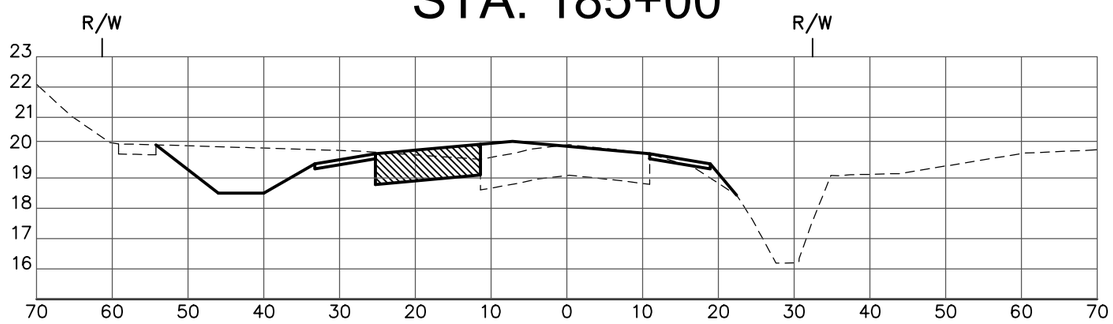

STA: 183+00

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SHEET NO. 117 / 174

CROSS SECTIONS
ELLENTON/GILLETTE ROAD

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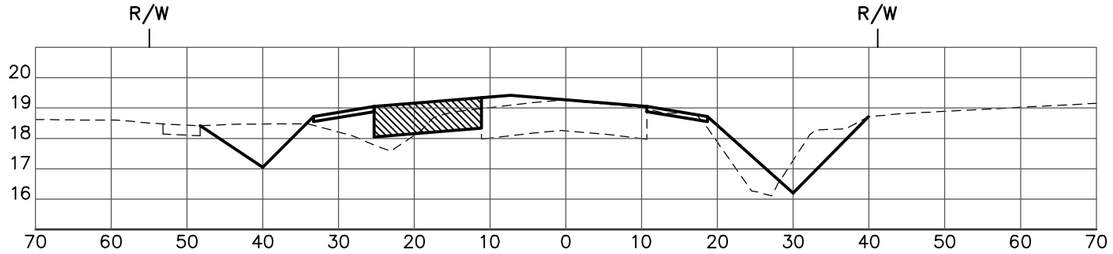

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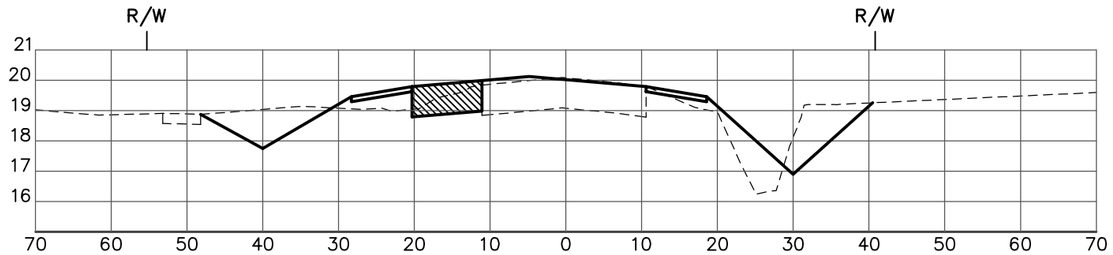

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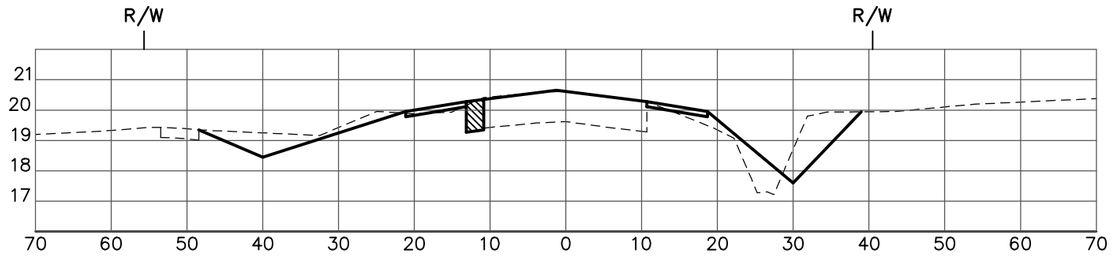

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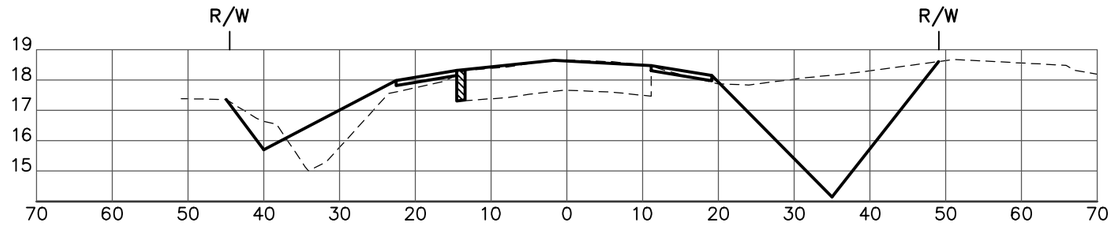
NO MILLING & RESURFACING FROM
STA: 190+88.48 TO STA: 200+84.99
PROPOSED FDOT INTERSECTION
IMPROVEMENTS PROJECT
435120-1-52-01



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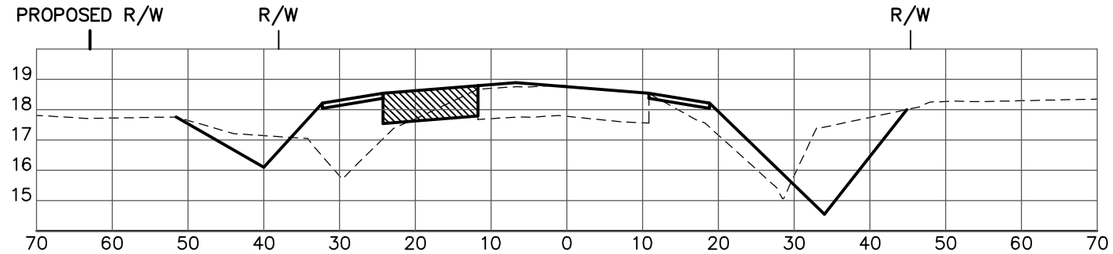

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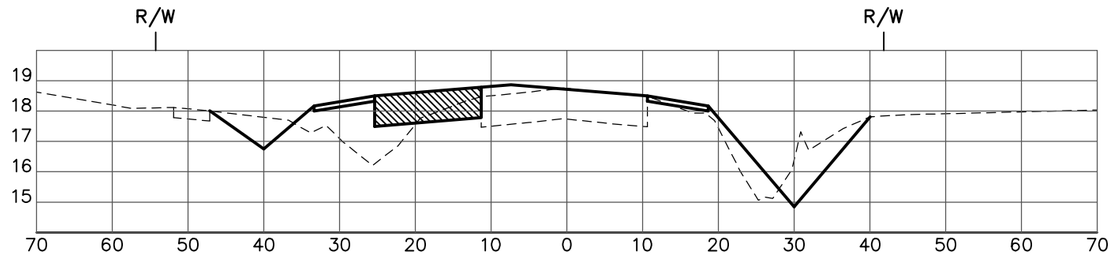

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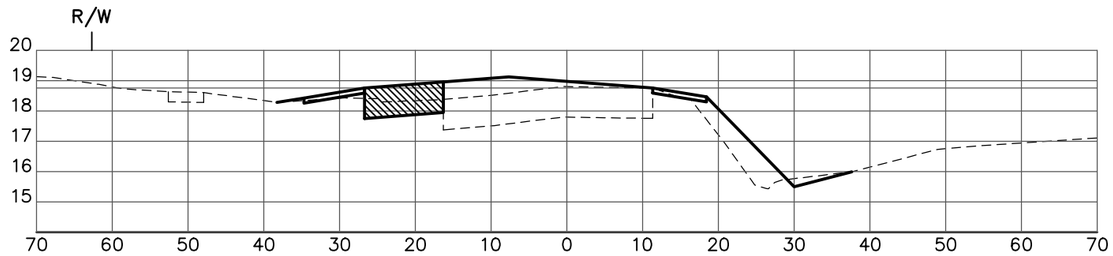

STA: 207+00

CROSS SECTIONS
ELLENTON/GILLETTE ROAD

REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/13/13
DRAWN P.G. SCALE 1"=20'H 1"=5' V
APPR. JRF. JOB NO. 7865

SHEET NO.
118 / 174

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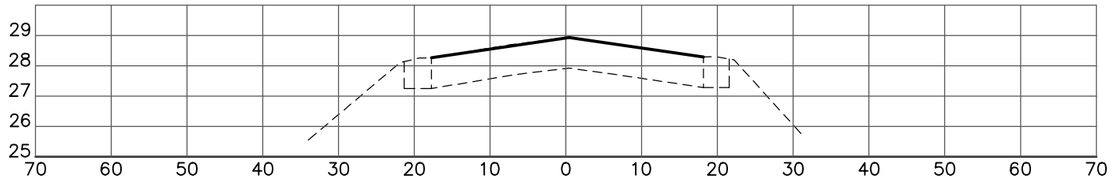

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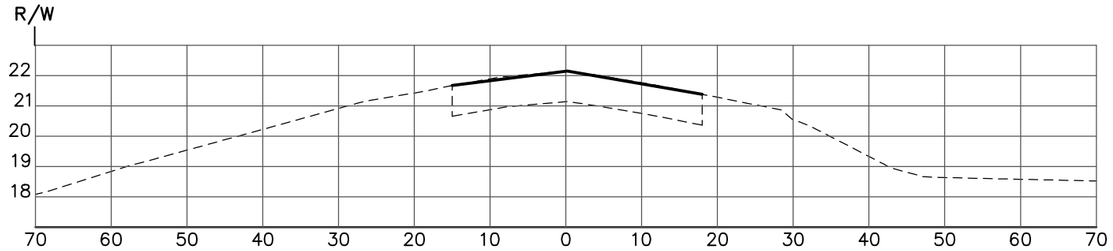

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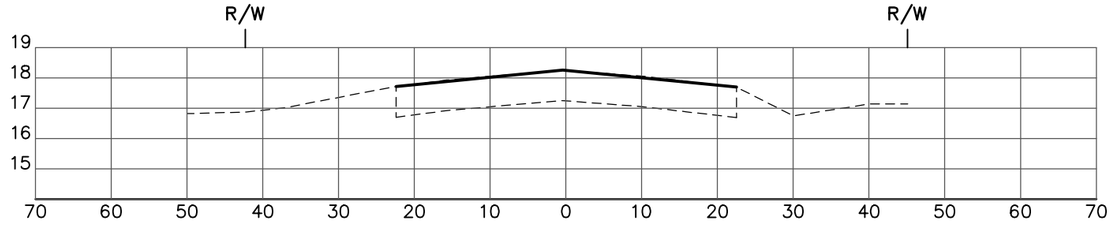
HERON CREEK INTERSECTION IMPROVEMENTS



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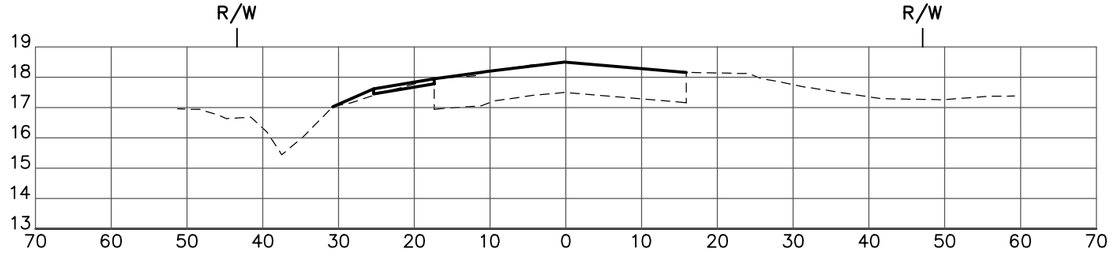

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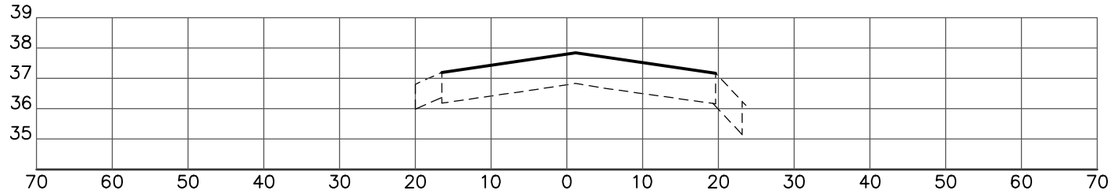

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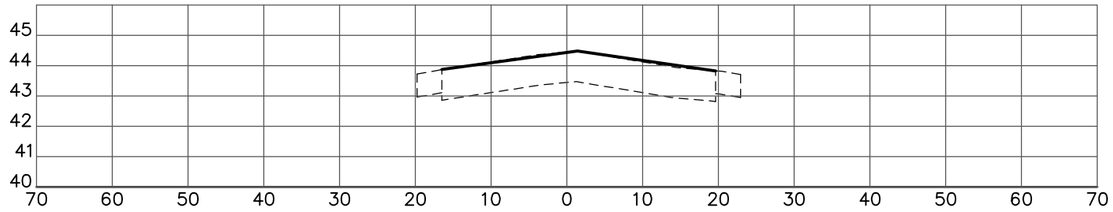

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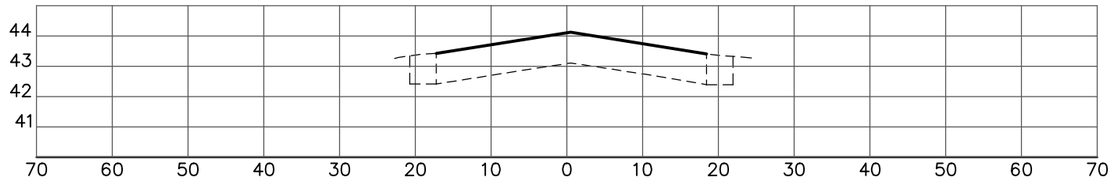

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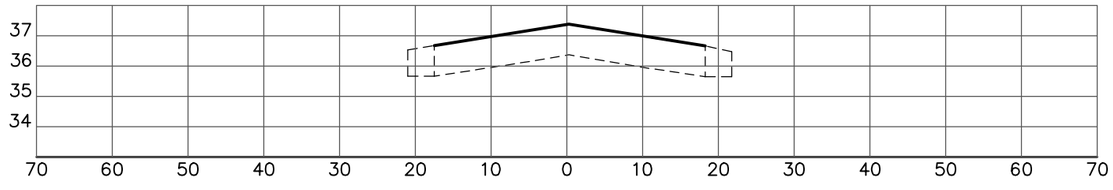

STA: 229+00

CROSS SECTIONS
ELLENTON/GILLETTE ROAD

REVISIONS

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JOHN R. FOLEY
38630
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DESIGN JRF. DATE 12/13/13
DRAWN P.G. SCALE 1"=20'H 1"=5' V
APPR. JRF. JOB NO. 7865

SHEET NO.
119 / 174

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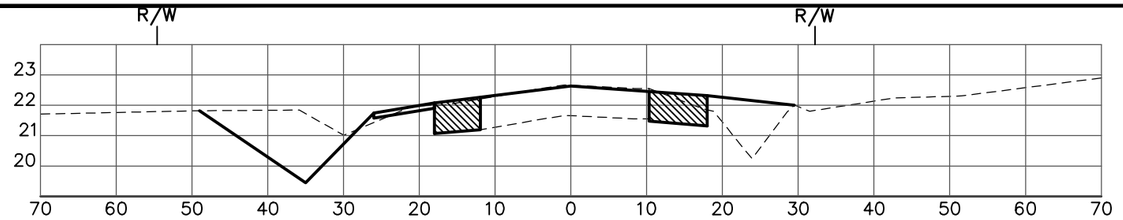

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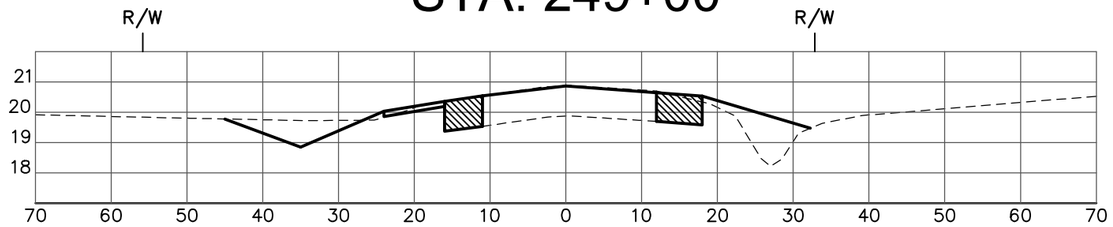

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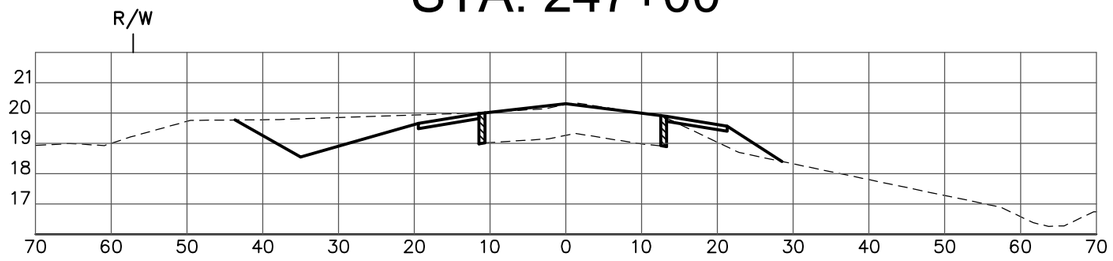

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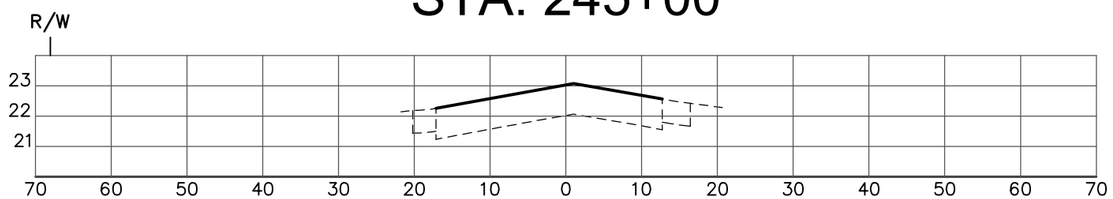

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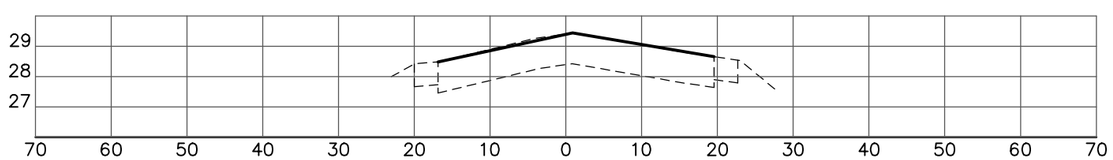

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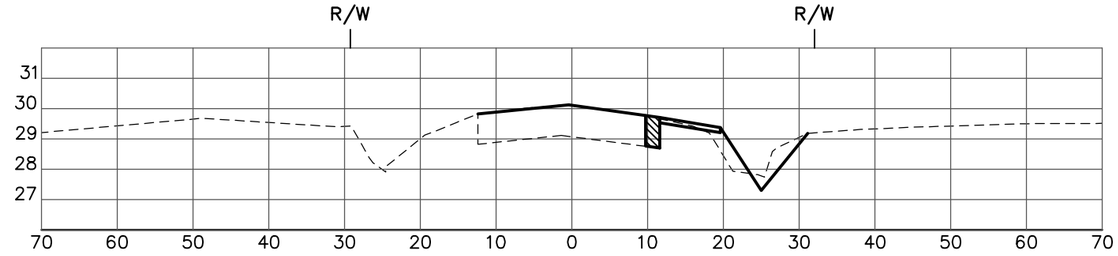

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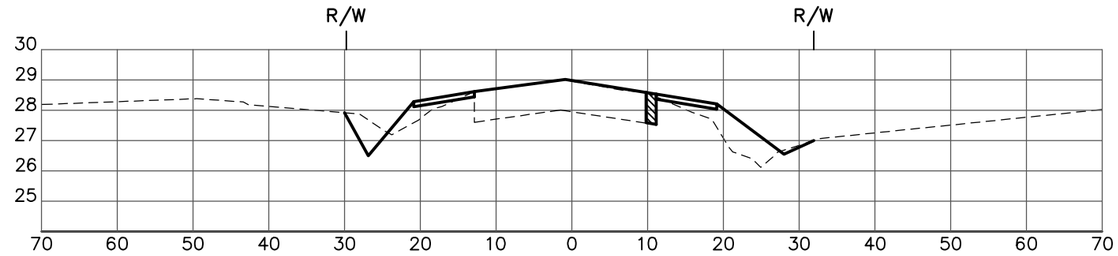

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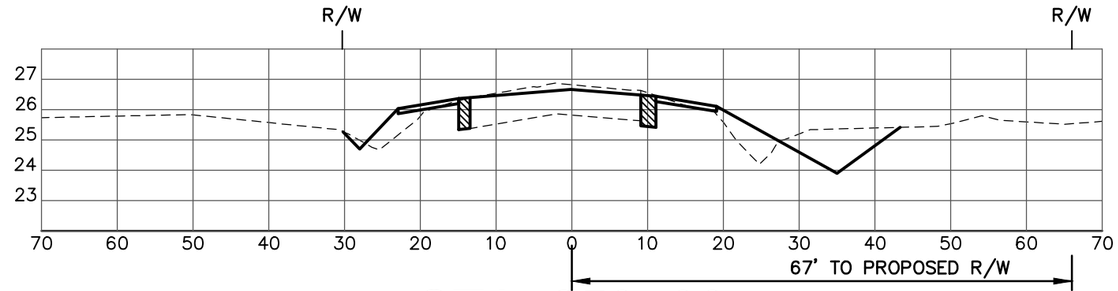

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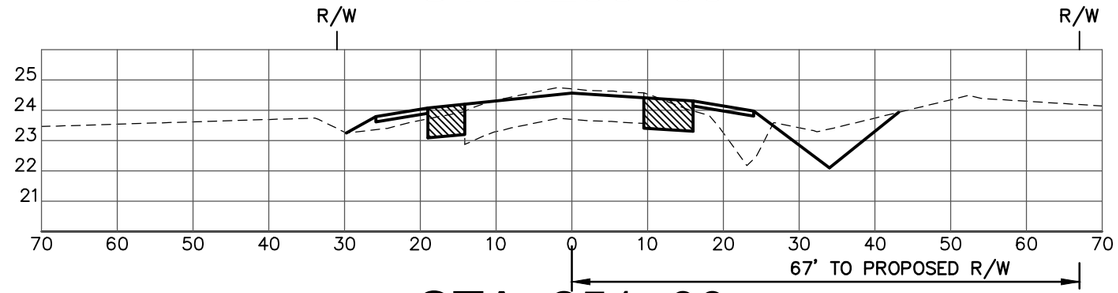

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CROSS SECTIONS

ELLENTON/GILLETTE ROAD

REVISIONS

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Consulting Engineers, Surveyors and Planners

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PROJECT ENGINEER

JOHN R. FOLEY

38630

P.E. REG. NO.

DESIGN JRF. DATE 12/13/13

DRAWN P.G. SCALE 1"=20'H 1"=5' V

APPR. JRF. JOB NO. 7865

SHEET NO. 120 / 174

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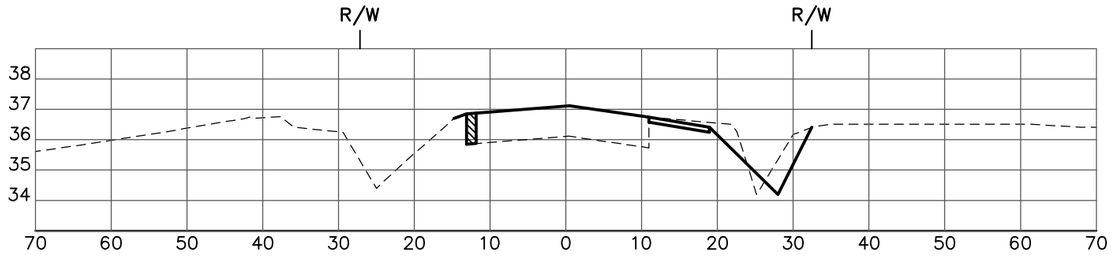

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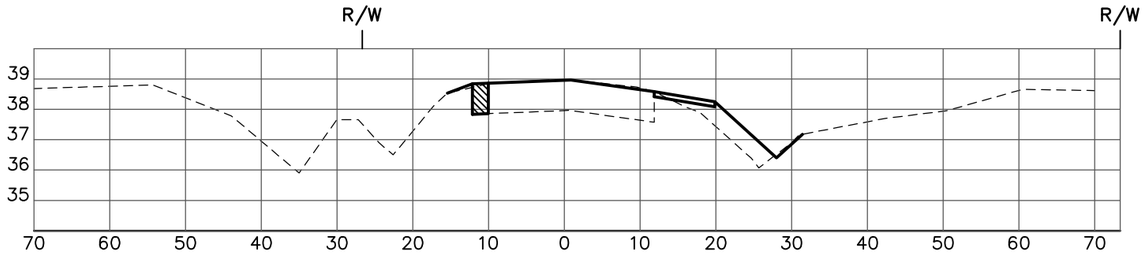

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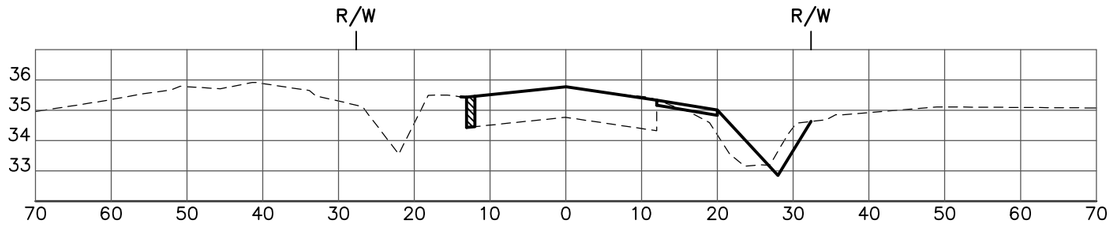

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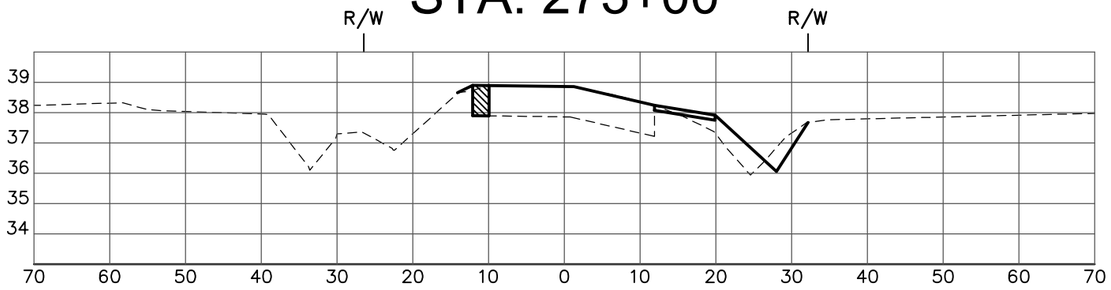

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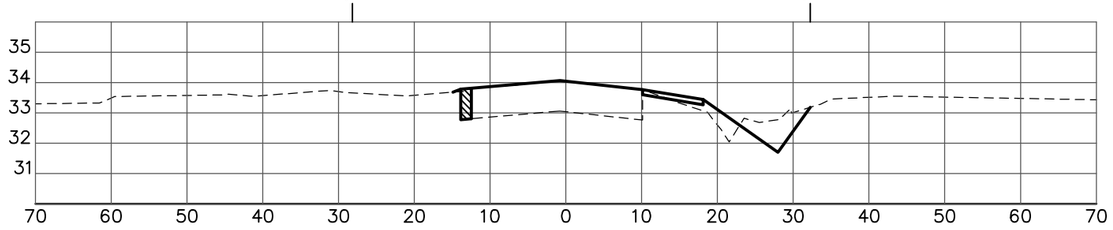

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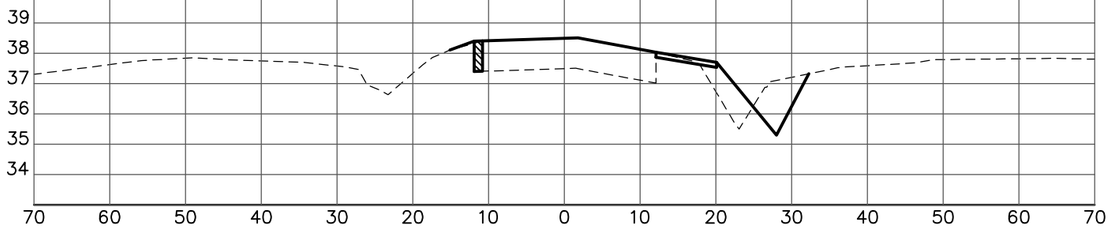

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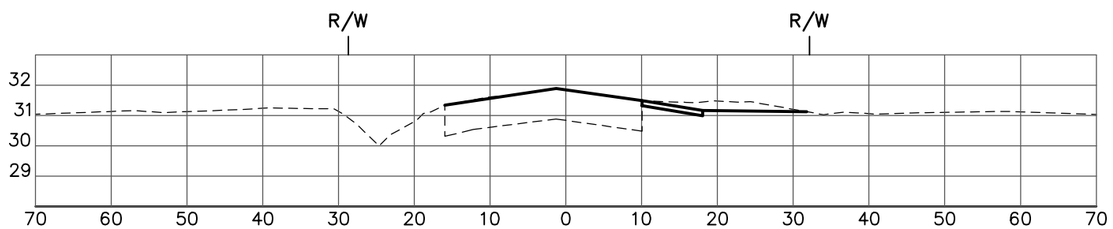

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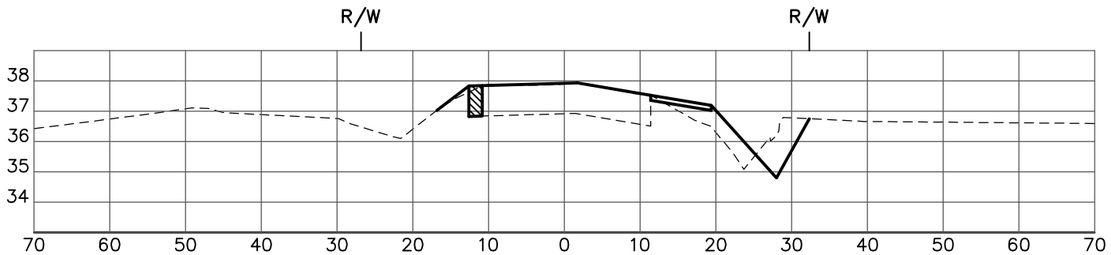

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REVISIONS

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/13/13
DRAWN P.G. SCALE 1"=20'H 1"=5' V
APPR. JRF. JOB NO. 7865

SHEET NO. 121 / 174

CROSS SECTIONS
ELLENTON/GILLETTE ROAD

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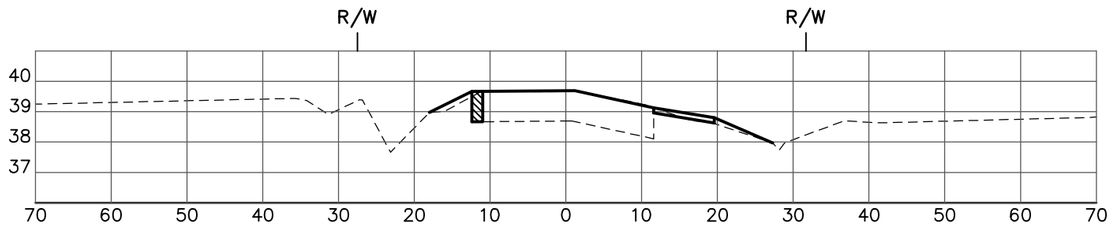

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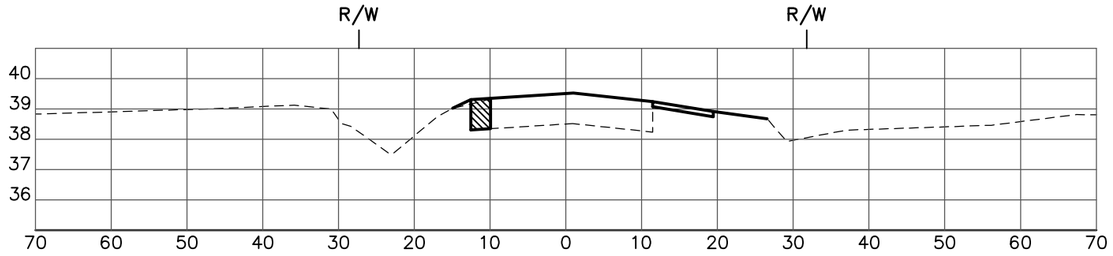

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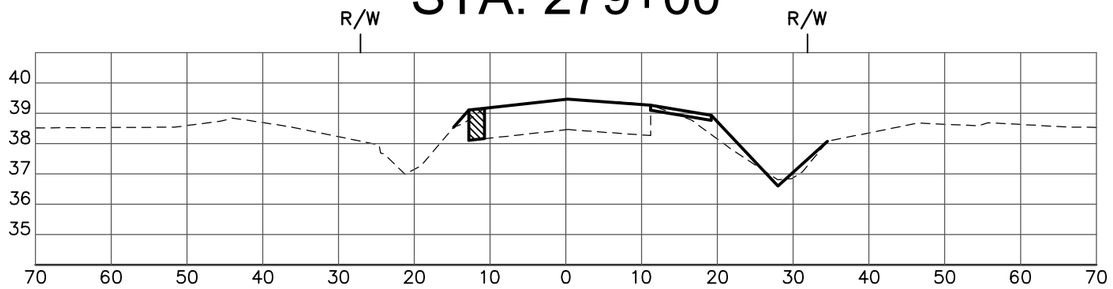

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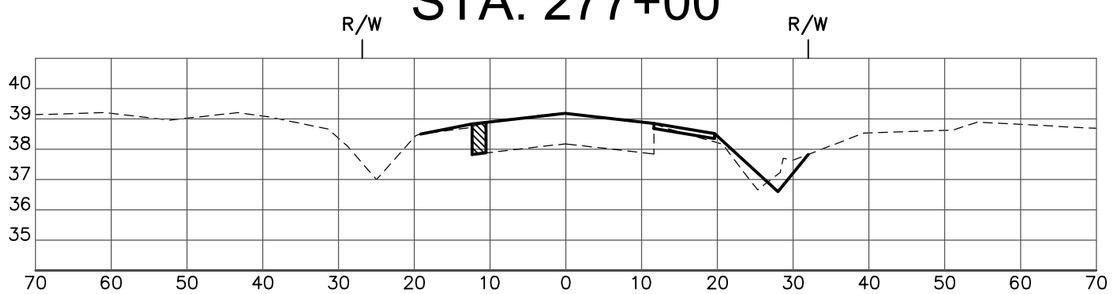

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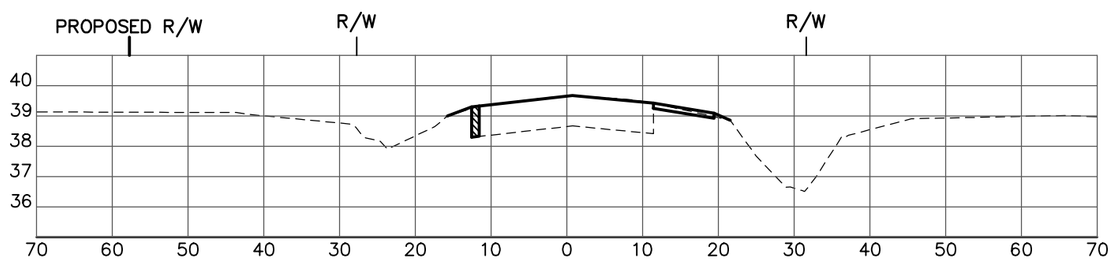
END CONSTRUCTION



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CROSS SECTIONS
ELLENTON/GILLETTE ROAD

REVISIONS

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Consulting Engineers, Surveyors and Planners
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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 12/13/13
DRAWN P.G. SCALE 1"=20'H 1"=5' V
APPR. JRF. JOB NO. 7865

SHEET NO.
122 / 174

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1. INSTALL ALL SEDIMENT CONTROL DEVICES IN A TIMELY MANNER TO ENSURE THE CONTROL OF SEDIMENT AND THE PROTECTION OF LAKES, STREAMS, GULF OR OCEAN WATERS, OR ANY WETLANDS ASSOCIATED THEREWITH AND TO ANY ADJACENT PROPERTY OUTSIDE THE RIGHT-OF-WAY AS REQUIRED.

2. AT SITES WHERE EXPOSURE TO SUCH SENSITIVE AREAS IS PREVALENT, COMPLETE THE INSTALLATION OF ANY SEDIMENT CONTROL DEVICE PRIOR TO THE COMMENCEMENT OF ANY EARTHWORK.

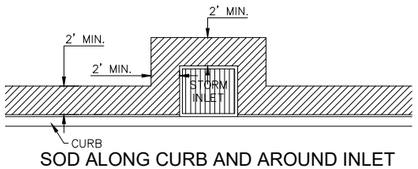
3. AFTER INSTALLATION OF SEDIMENT CONTROL DEVICES, REPAIR PORTIONS OF ANY DEVICES DAMAGED AT NO EXPENSE TO THE OWNER.

4. SCHEDULE OPERATIONS SUCH THAT THE AREA OF UNPROTECTED ERODABLE EARTH EXPOSED AT ANY ONE TIME IS NOT LARGER THAT THE MINIMUM AREA NECESSARY FOR EFFICIENT CONSTRUCTION OPERATIONS, AND THE DURATION OF EXPOSURE OF UNCOMPLETED CONSTRUCTION TO THE ELEMENTS IS AS SHORT AS PRACTICABLE.

5. SCHEDULE AND PERFORM CLEARING AND GRUBBING SO THAT GRADING OPERATIONS CAN FOLLOW IMMEDIATELY THEREAFTER. SCHEDULE AND PERFORM GRADING OPERATIONS SO THAT PERMANENT EROSION CONTROL FEATURES CAN FOLLOW IMMEDIATELY THEREAFTER IF CONDITIONS ON THE PROJECT PERMIT.

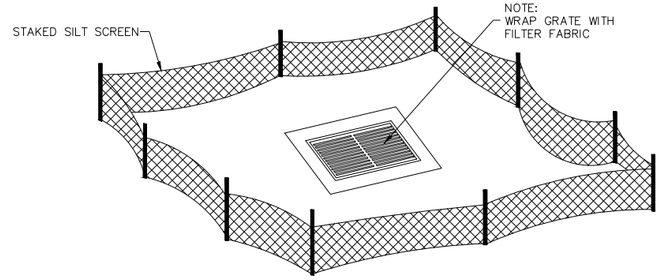
6. PROVIDE ROUTINE MAINTENANCE OF PERMANENT AND TEMPORARY EROSION AND SEDIMENT CONTROL FEATURES, AT NO EXPENSE TO THE DEPARTMENT, UNTIL THE PROJECT IS COMPLETE AND ACCEPTED. IF RECONSTRUCTION OF SUCH EROSION AND SEDIMENT CONTROL FEATURES IS NECESSARY DUE TO THE CONTRACTOR'S NEGLIGENCE OR CARELESSNESS OR, IN THE CASE OF TEMPORARY EROSION AND SEDIMENT CONTROL FEATURES, FAILURE BY THE CONTRACTOR TO INSTALL PERMANENT EROSION CONTROL FEATURES AS SCHEDULED, THE CONTRACTOR SHALL REPLACE SUCH EROSION CONTROL FEATURES AT NO EXPENSE TO THE OWNER.

7. INSPECT ALL EROSION AND SEDIMENT CONTROL FEATURES AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM OF 0.50 INCHES OR GREATER. MAINTAIN ALL EROSION CONTROL FEATURES AS REQUIRED IN THE STORMWATER POLLUTION PREVENTION PLAN, CONTRACTOR'S EROSION CONTROL PLAN AND AS SPECIFIED IN THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES.



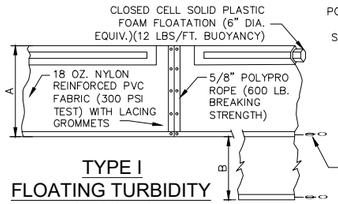
SOD ALONG CURB AND AROUND INLET

NTS

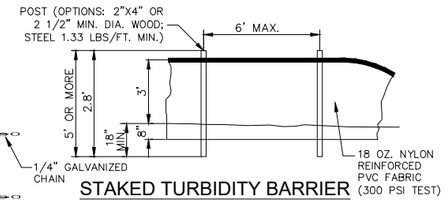


STAKED SILT SCREEN PROTECTION AROUND DITCH BOTTOM INLETS

NTS



TYPE I FLOATING TURBIDITY BARRIER

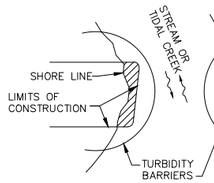


STAKED TURBIDITY BARRIER

A = 5' STD, (SINGLE PANEL FOR DEPTH 5' OR LESS).
B = 5' STD. (ADDITIONAL PANEL FOR DEPTHS >5').
CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET.
TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH OR AS DETERMINED BY THE ENGINEER.

NOTICE
COMPONENTS OF TYPE I MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPE I SHALL BE AS APPROVED BY THE ENGINEER.

NOTES
1. TURBIDITY BARRIERS ARE TO BE USED IN ALL PERMANENT BODIES OF WATER REGARDLESS OF WATER DEPTH.
2. NUMBER AND SPACING OF ANCHORS DEPENDENT ON WATER VELOCITIES.
3. DEPLOYMENT OF BARRIER AROUND PILE LOCATIONS MAY VARY TO ACCOMODATE CONSTRUCTION OPERATIONS.
4. NAVIGATION MAY REQUIRE SEGMENTING BARRIER DURING CONSTRUCTION OPERATIONS.

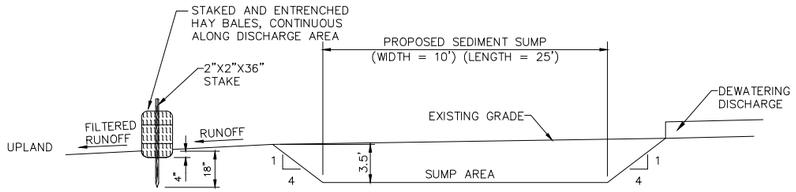


TURBIDITY BARRIER APPLICATIONS

NOTE
TURBIDITY BARRIERS FOR FLOWING STREAMS AND TIDAL CREEKS MAY BE EITHER FLOATING, OR STAKED TYPES OR ANY COMBINATION OF TYPES THAT WILL SUIT SITE CONDITIONS AND MEET EROSION CONTROL AND WATER QUALITY REQUIREMENTS. THE BARRIER TYPE(S) WILL BE AT THE CONTRACTORS OPTION UNLESS OTHERWISE SPECIFIED IN THE PLANS, HOWEVER PAYMENT WILL BE UNDER THE PAY ITEM(S) ESTABLISHED IN THE PLANS FOR FLOATING TURBIDITY BARRIER AND/OR STAKED TURBIDITY BARRIER. POSTS IN STAKED TURBIDITY BARRIERS TO BE INSTALLED IN VERTICAL POSITION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

TURBIDITY BARRIERS

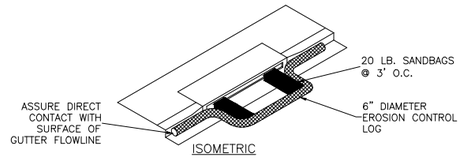
N.T.S.



DEWATERING SUMP

NTS

1. CONTRACTOR TO INSURE THAT DEWATERING ACTIVITIES DO NOT CAUSE EROSION AND THAT SUMP IS UTILIZED TO ALLOW FOR PARTICLE SEDIMENTATION.
2. SEDIMENT SUMPS AND EROSION CONTROL ARE TO BE IMPLEMENTED BEFORE ANY DEWATERING ACTIVITIES.
3. SUMP SIZE BASED UPON AN ASSUMED DEWATERING DISCHARGE OF 5 cfs. CONTRACTOR IS TO NOTIFY ENGINEER IF GREATER DISCHARGE IS PROPOSED SO SUMP SIZE CAN BE RECALCULATED.
4. DEWATERING WITHDRAWLS ARE TO BE FROM THE TOP OF THE WATER AREAS TO ALLOW FOR THE ADEQUATE SETTLING OF PARTICLES.
5. CONTRACTOR IS TO NOTIFY S.W.F.W.M.D. OF ANY MODIFICATIONS PROPOSED BY THE CONTRACTOR TO THE DEWATERING PLAN. CONTRACTOR IS RESPONSIBLE FOR PREPARATION OF ANY REQUIRED PLANS AND PROCESSING OF SAME.
6. DISCHARGE FROM SUMPS SHOULD MAXIMIZE OVERLAND FLOW PRIOR TO ENTERING JURISDICTIONAL AREA. STAKED HAY BALES WILL BE USED TO MINIMIZE SILTATION RUNOFF. CONTRACTOR IS RESPONSIBLE FOR UTILIZING ADEQUATE HAY BALES AT DISCHARGE LOCATIONS TO PREVENT SCOURING.



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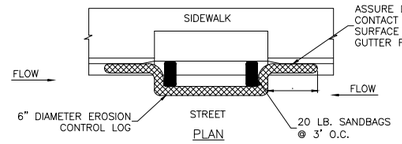
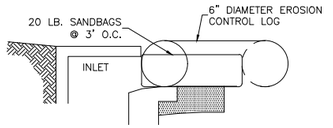


PLAN



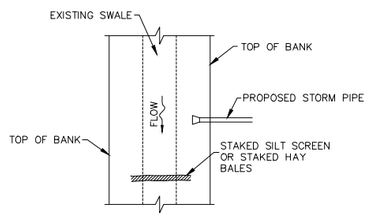
CROSS SECTION

NOTES:

1. EROSION CONTROL LOG CONTAINMENT MESH SHALL BE 100% BIODEGRADABLE, PHOTODEGRADABLE OR RECYCLABLE; AND FILL MATERIAL SHALL CONSIST OF MULCH, ASPEN EXCELSIOR FIBERS, CHIPPED SITE VEGETATION, COCONUT FIBERS, 100% RECYCLABLE FIBERS, OR ANY OTHER ACCEPTABLE MATERIAL EXCLUDING STRAW AND HAY.
2. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 2".
3. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF INLET PROTECTION DURING EACH RAINFALL EVENT AND IMMEDIATELY REMOVE THE INLET PROTECTIONS IF THE STORM WATER BEGINS TO OVERTOP THE CURB.
4. INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

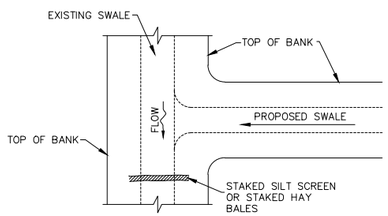
CURB INLET PROTECTION WITH EROSION CONTROL LOG DETAIL

EC-13



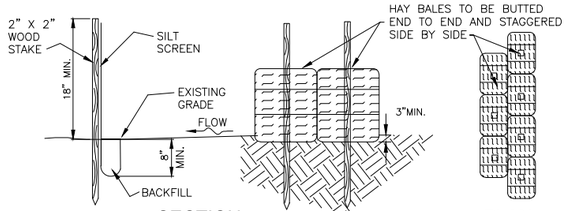
STAKED SILT SCREEN AT CONNECTION OF STORM PIPE TO EXISTING SWALE

NTS



STAKED SILT SCREEN AT CONNECTION OF SWALE TO EXISTING SWALE

NTS

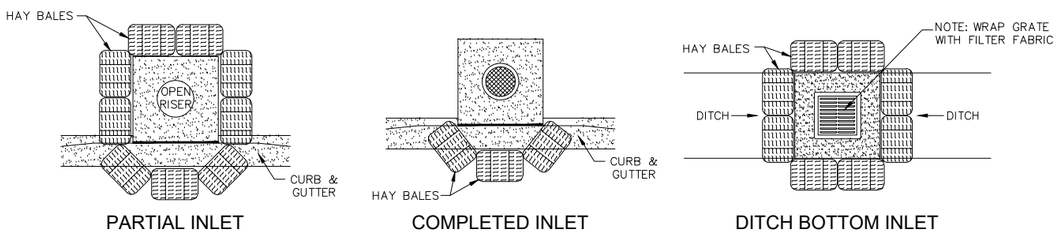


SECTION PLAN

LENGTH OF STAKE AND DEPTH TO BE SUFFICIENT TO PROPERLY SUPPORT SCREEN.

STAKED SILT SCREEN AND HAY BALE DETAIL

NTS



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

NTS

BEST MANAGEMENT PRACTICES DETAILS

ELLENTON/GILLETTE ROAD

REVISIONS

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Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN J.R.F. DATE 03/10/14
DRAWN P.G. SCALE NONE
APPR. J.R.F. JOB NO. 7865

SHEET NO. 123/174

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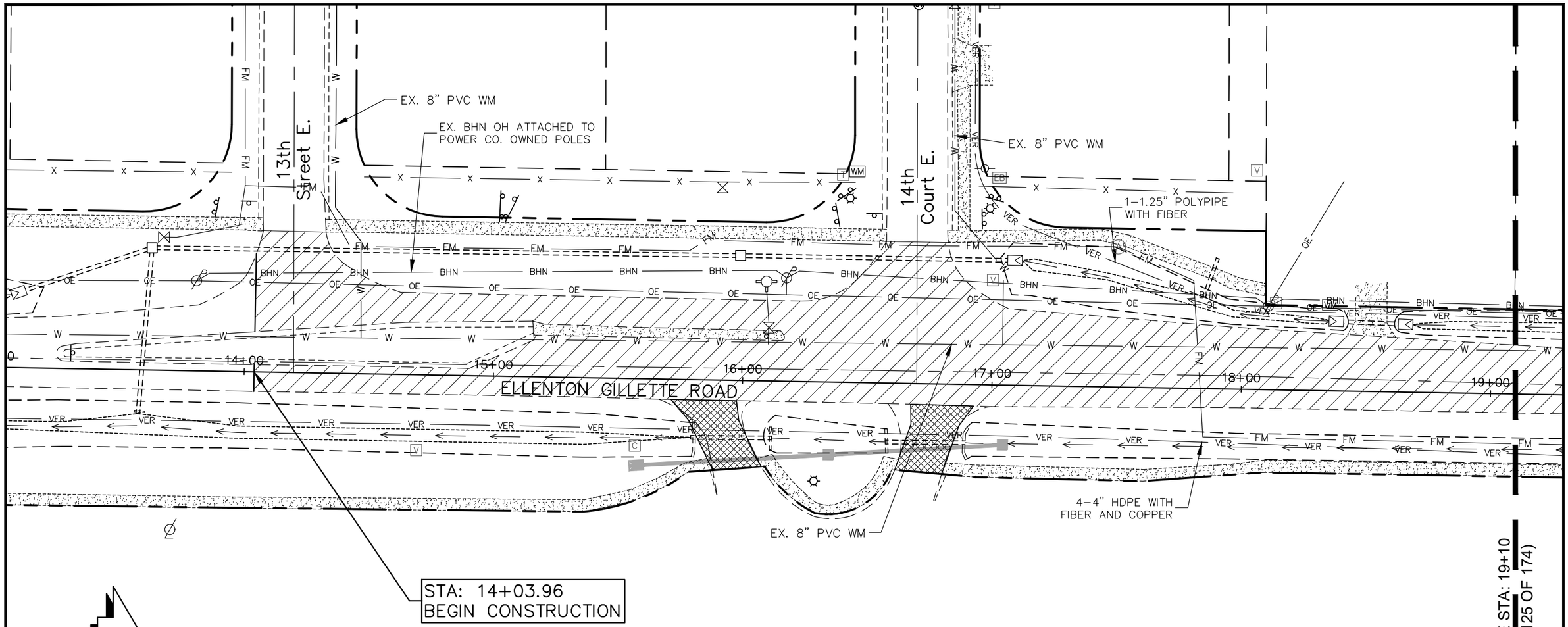

MATCH LINE STA: 19+10
(SEE SHT. 125 OF 174)

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
2. ALL DRAINAGE STRUCTURES AND PIPING NOT SPECIFICALLY NOTED TO REMAIN, ARE TO BE REMOVED.
3. ALL MAILBOXES TO BE REMOVED AND RESET AS REQUIRED.

0 20 40 80
SCALE IN FEET

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK, CONC. DRIVE
- BHN — PROPOSED BHN AERIAL
- BHN — EXIST. BRIGHTHOUSE NETWORK
- BE — EXIST. BURIED ELECTRIC (FPL)
- OE — EXIST. OVERHEAD ELECTRIC (FPL)
- VER — EXISTING BURIED VERIZON
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UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 124/174

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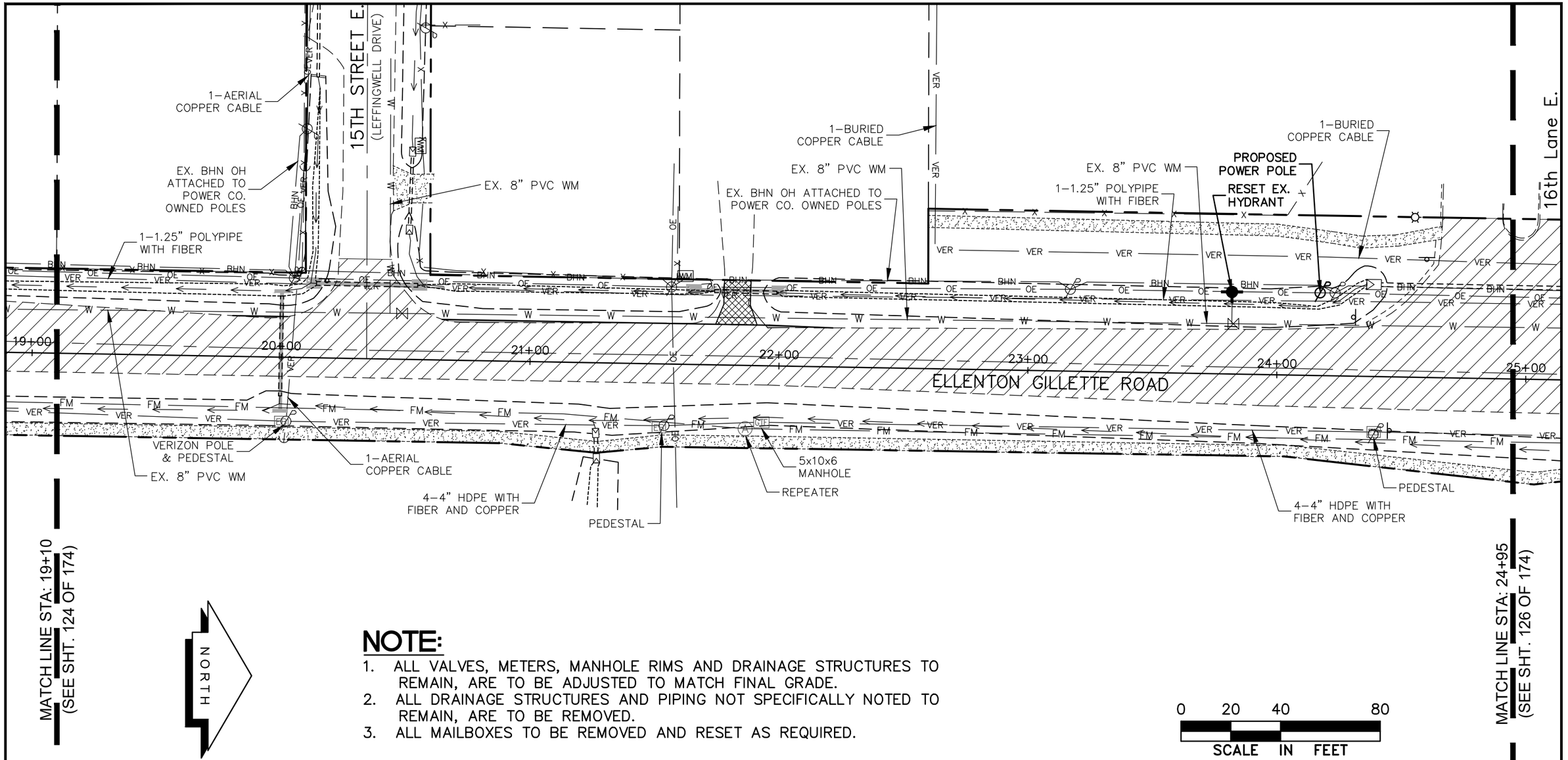

MATCH LINE STA: 19+10
(SEE SHT. 124 OF 174)

MATCH LINE STA: 24+95
(SEE SHT. 126 OF 174)

NORTH

0 20 40 80
SCALE IN FEET

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 125/174

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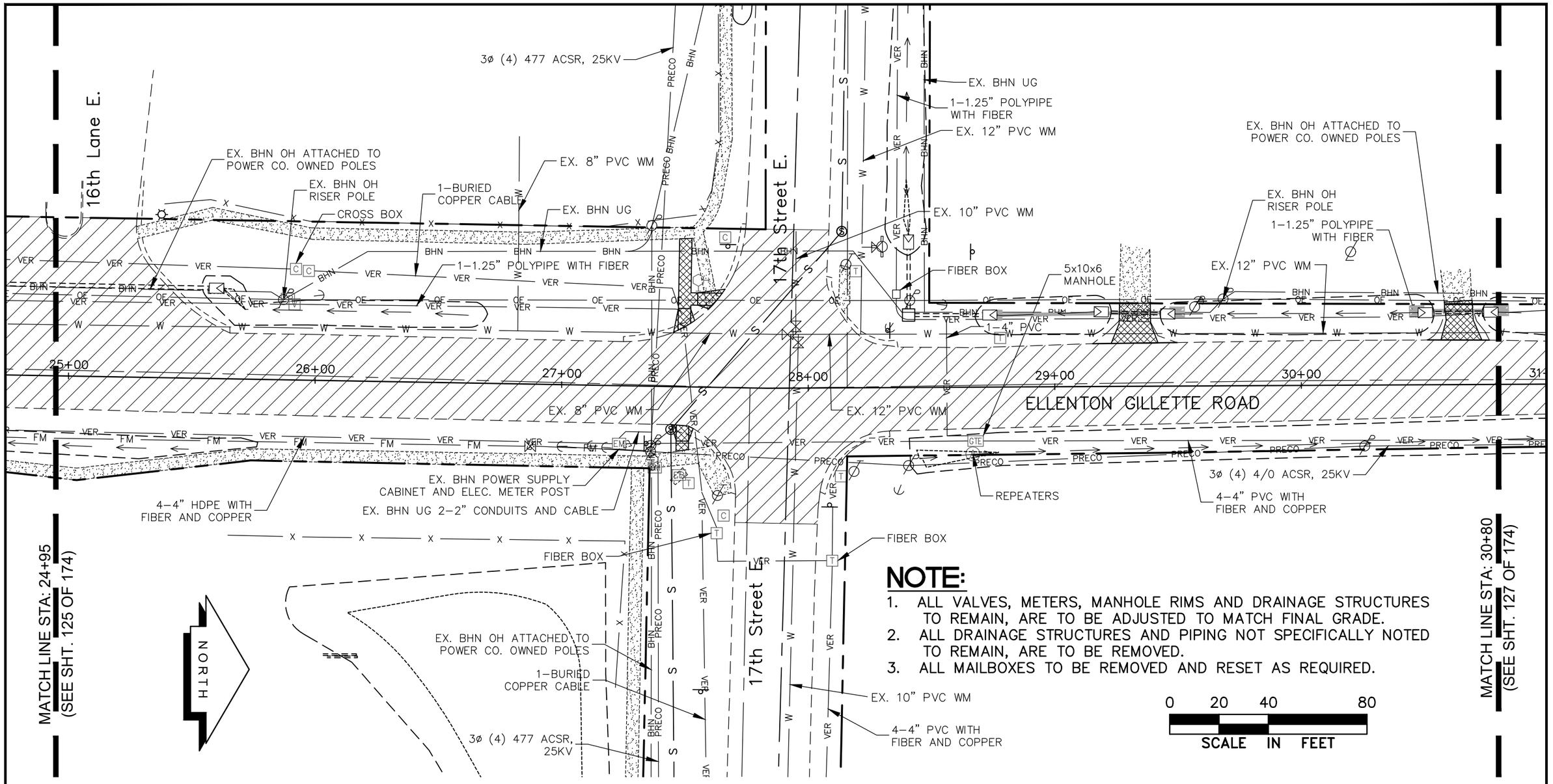

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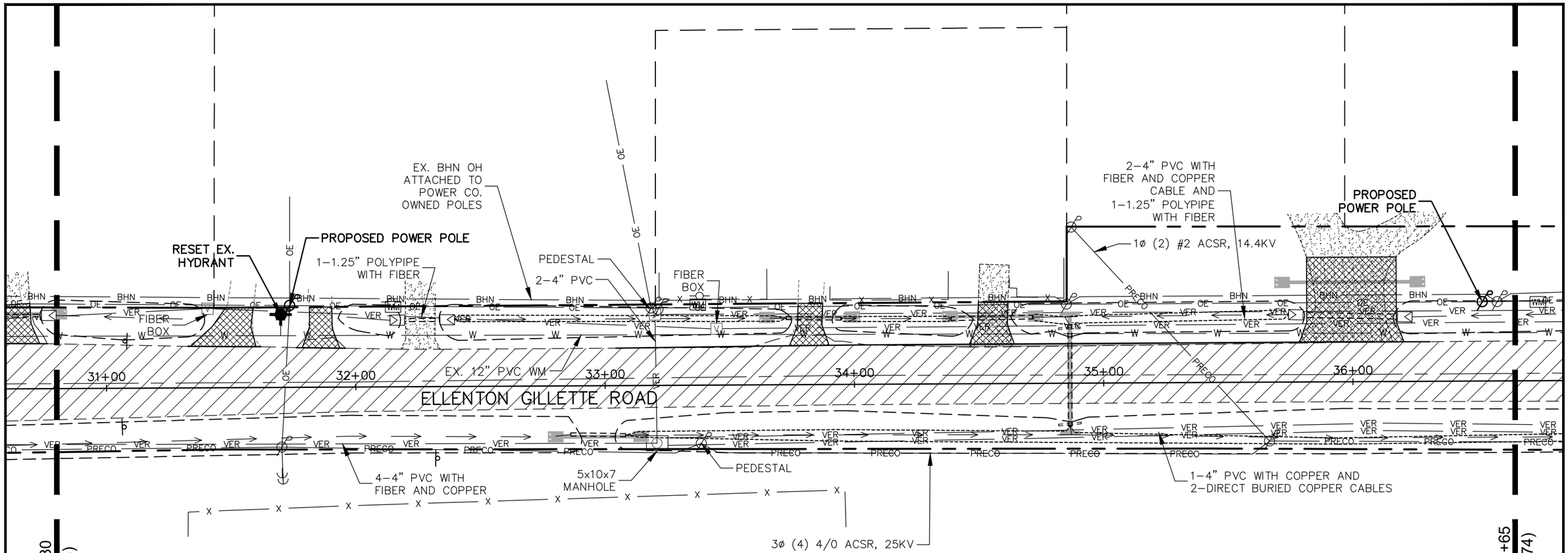
SHEET NO. 126 / 174



MATCH LINE STA: 30+80
(SEE SHT. 126 OF 174)

MATCH LINE STA: 36+65
(SEE SHT. 128 OF 174)

NORTH

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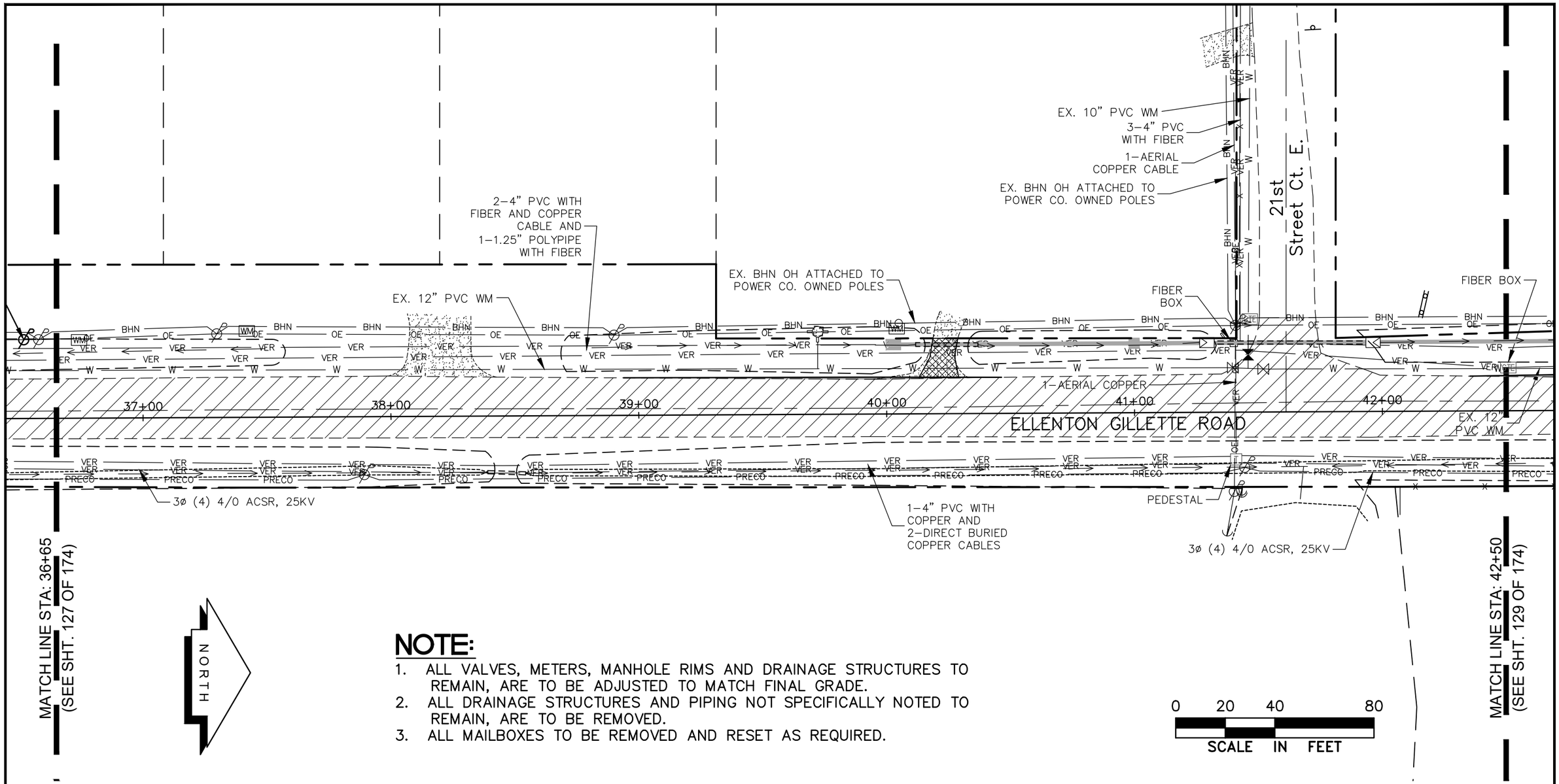

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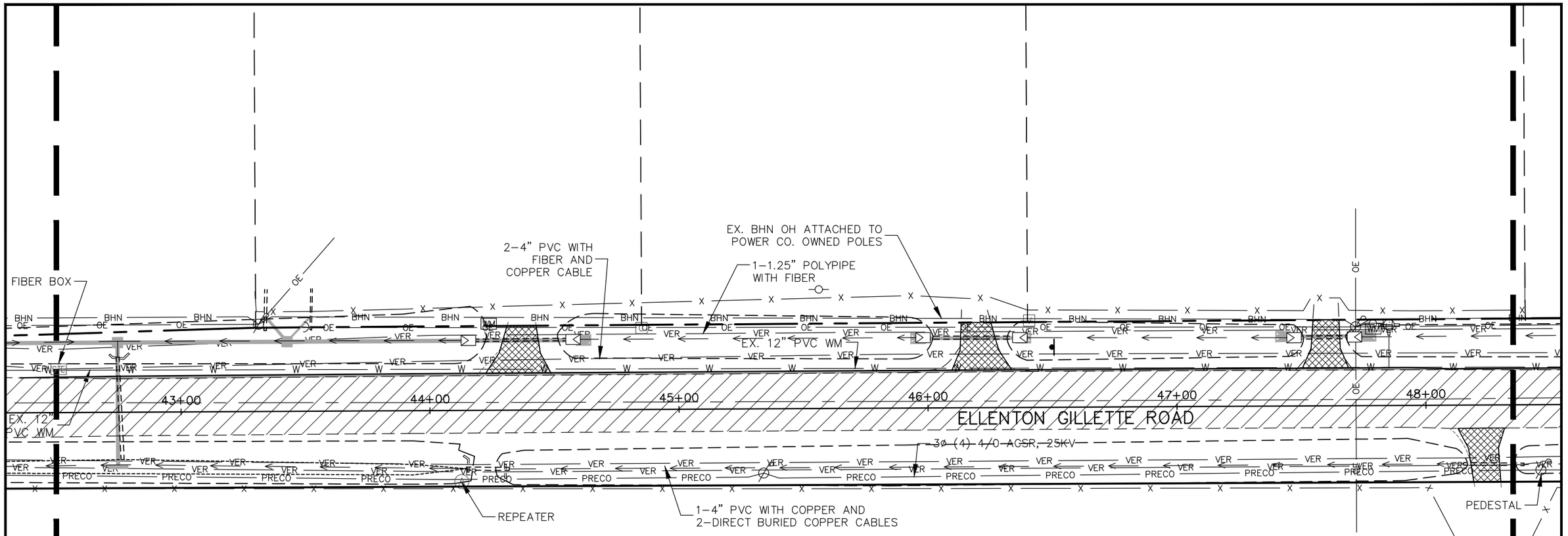

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UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

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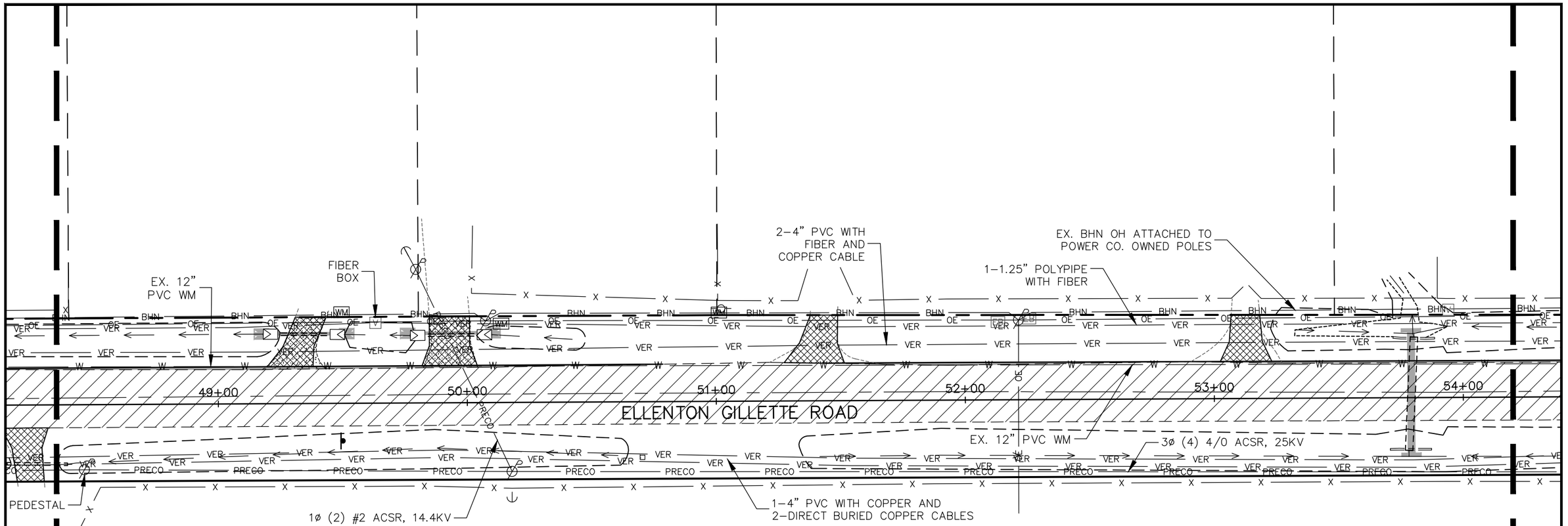

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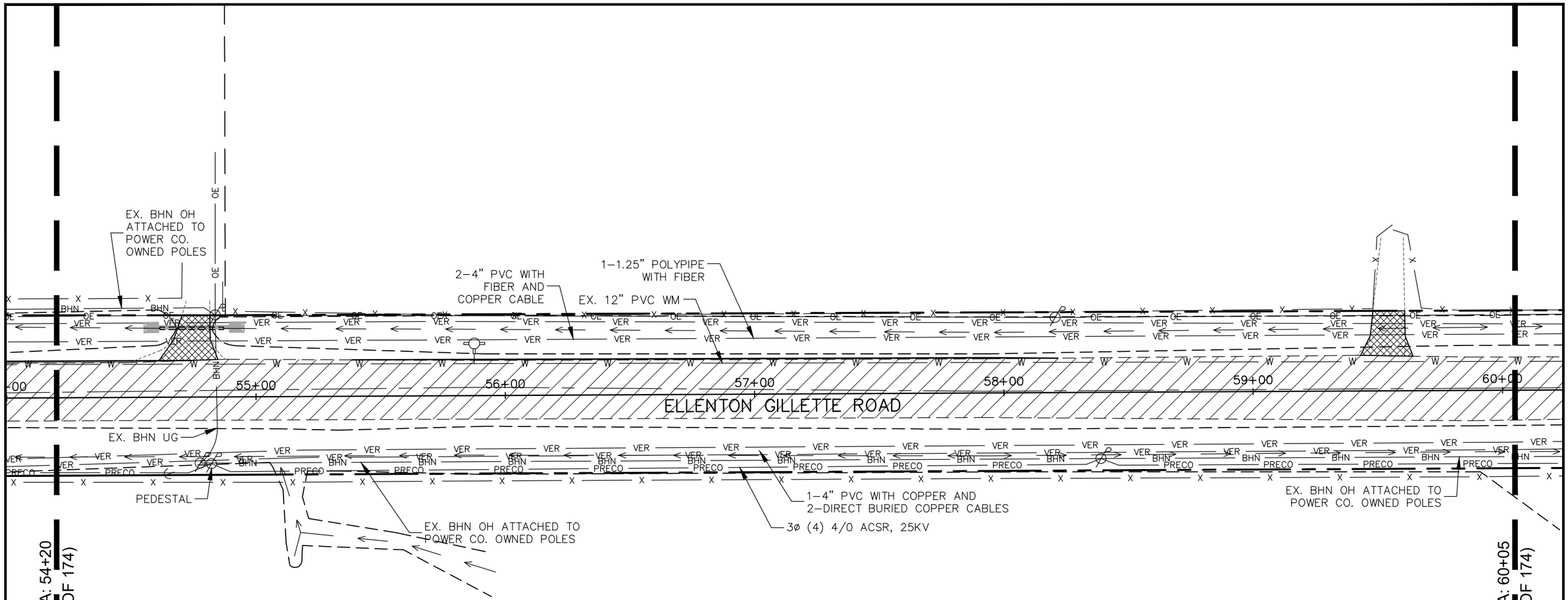

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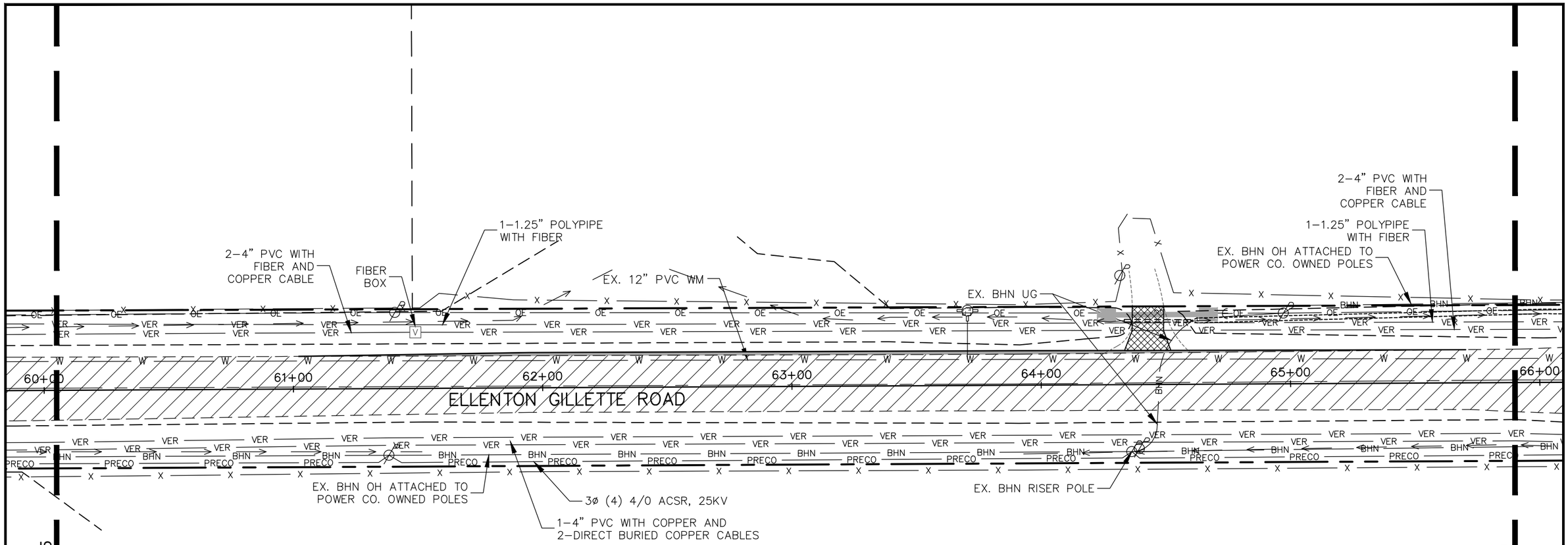

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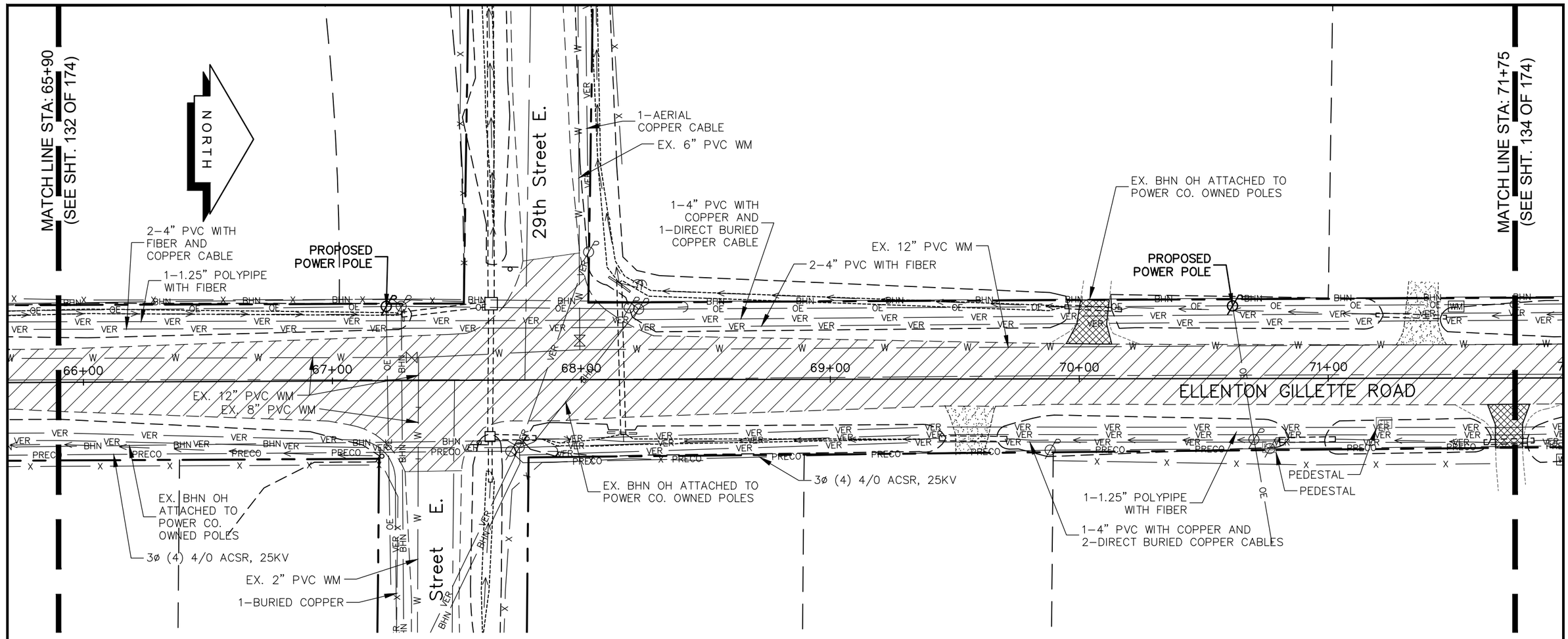

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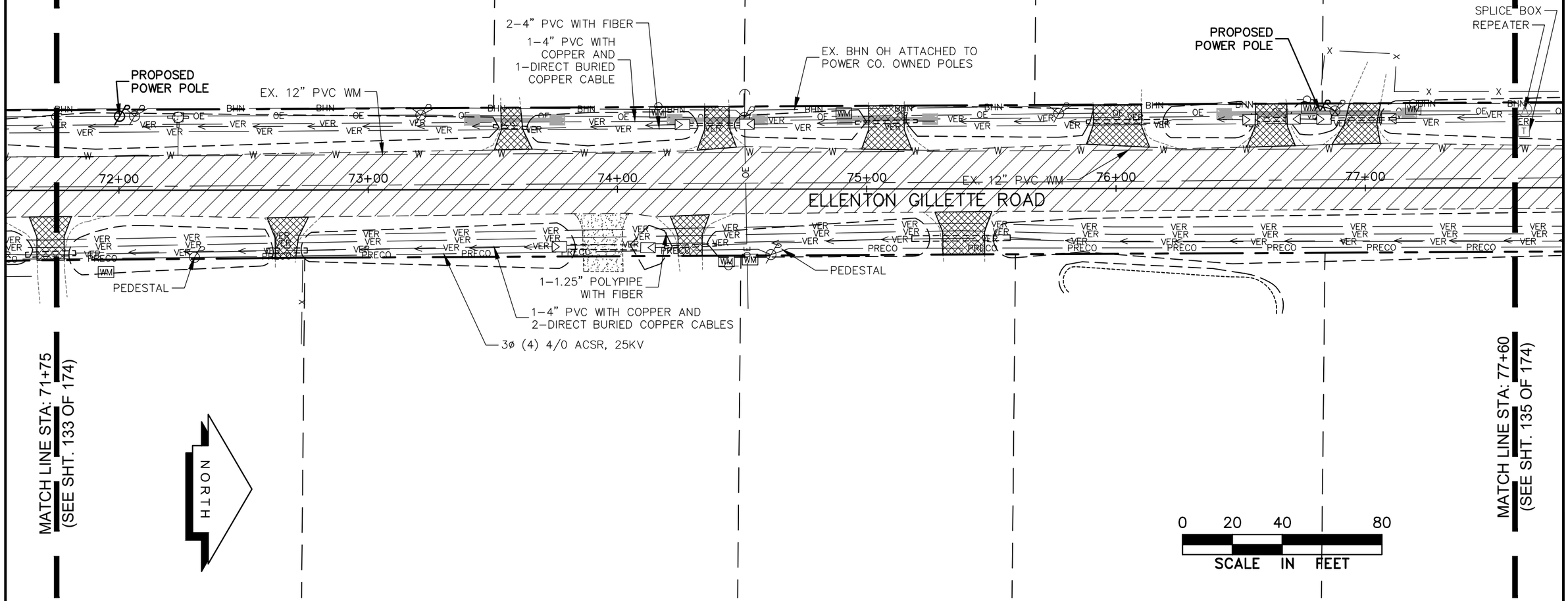

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK, CONC. DRIVE
- BHN — PROPOSED BHN AERIAL
- BHN — EXIST. BRIGHTHOUSE NETWORK
- BE — EXIST. BURIED ELECTRIC (FPL)
- OE — EXIST. OVERHEAD ELECTRIC (FPL)
- VER — EXISTING BURIED VERIZON
- PRECO — EXIST. PRECO

UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 134/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:23:21 AM, cmitchell, 1:40

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
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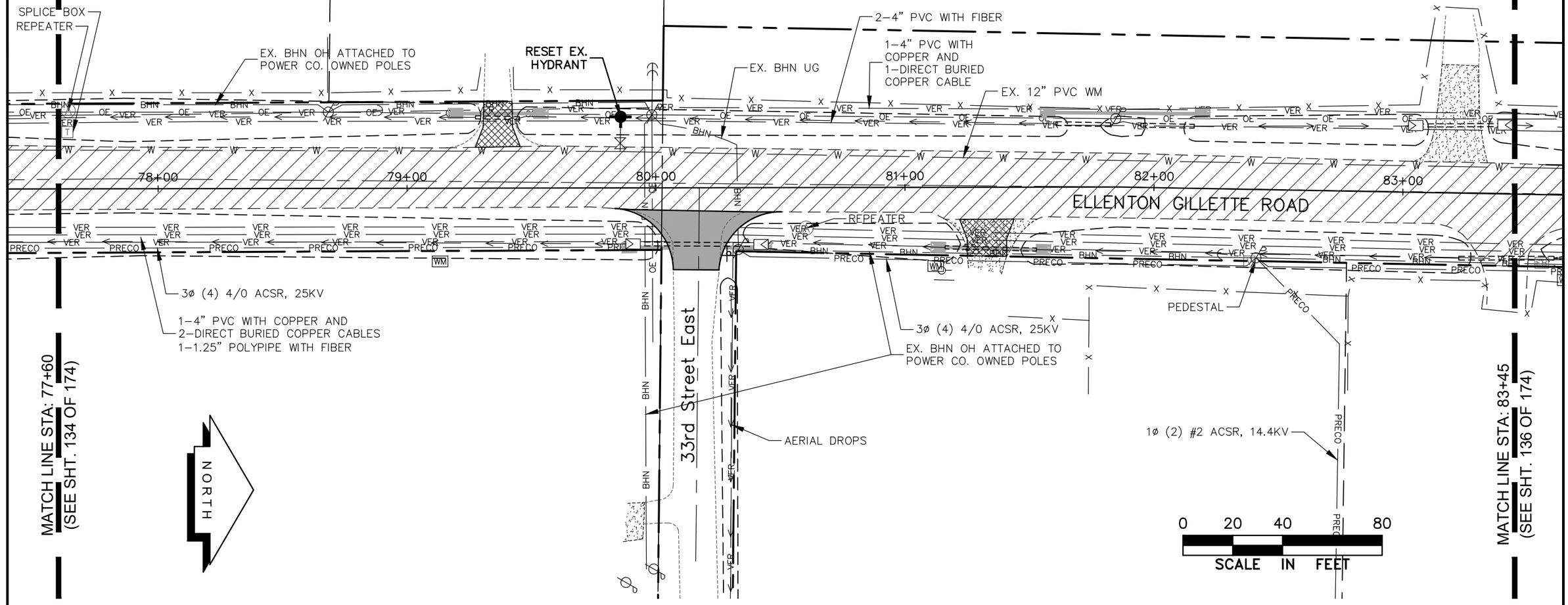
3. ALL MAILBOXES TO BE REMOVED AND RESET AS REQUIRED.



LEGEND

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JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 135 / 174

NOTE:

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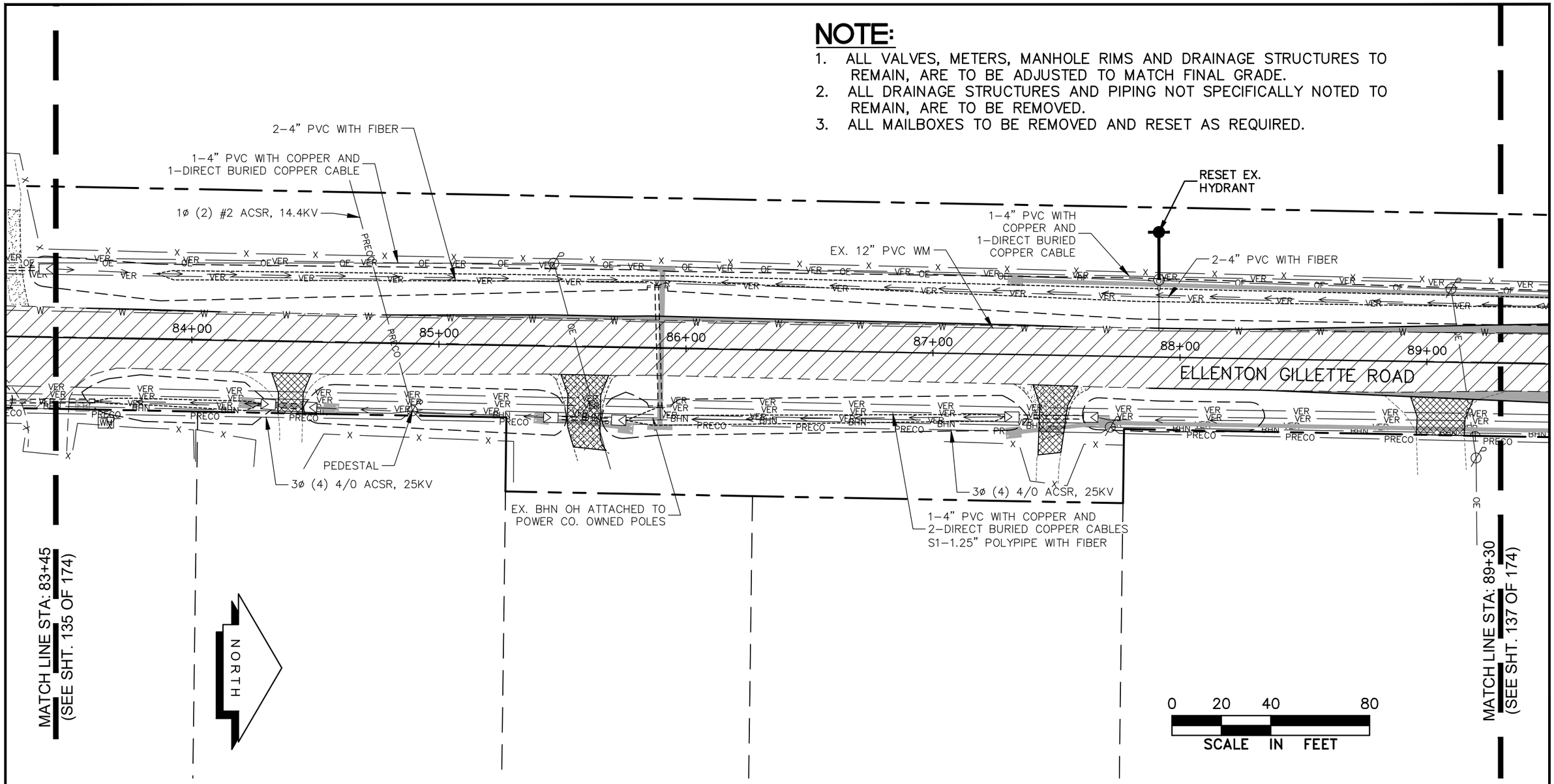

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 136 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:23:44 AM, cmitchell, 1:40

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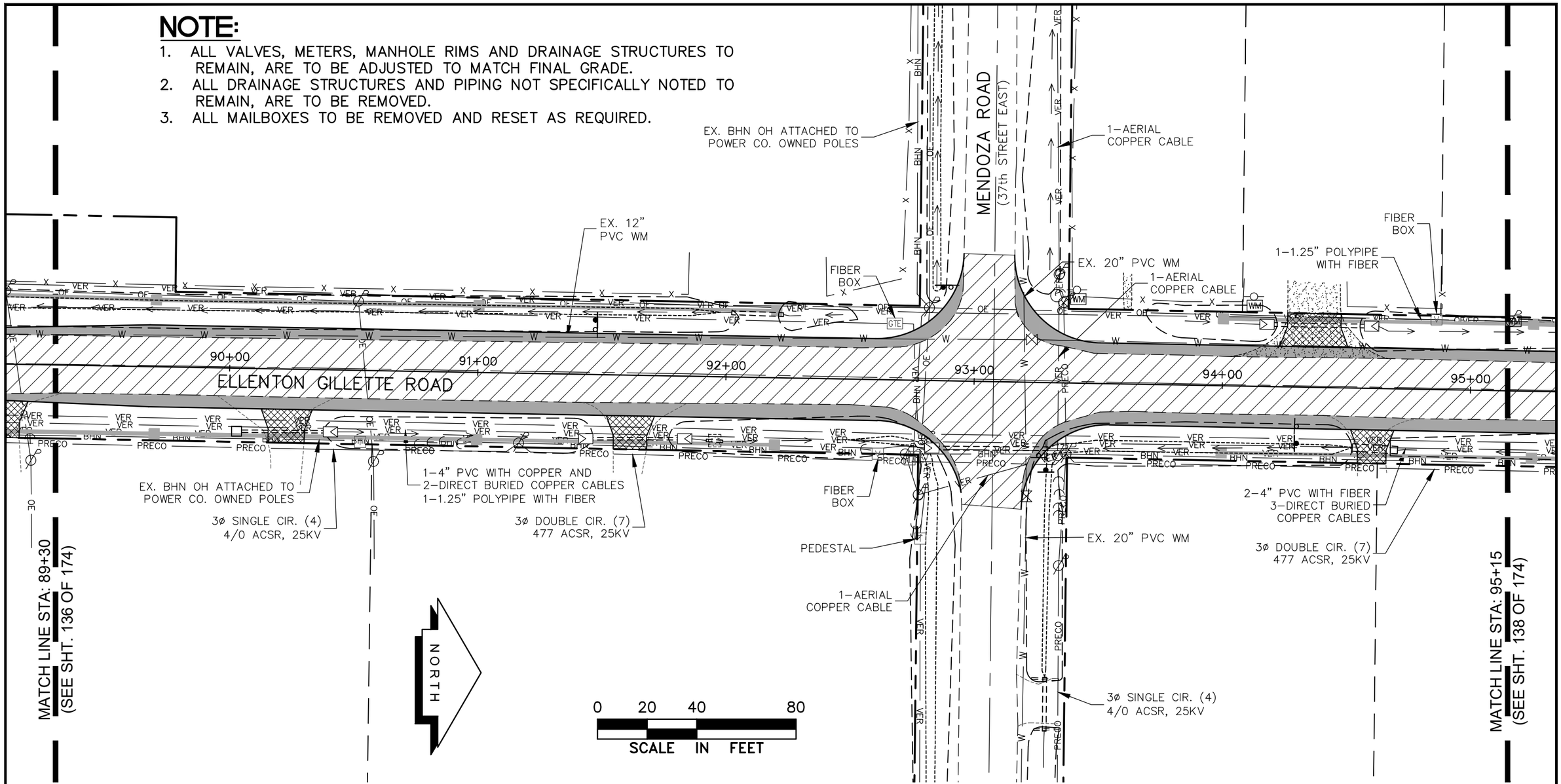

LEGEND

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DESIGN JRF. DATE 11/13/13
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APPR. JRF. JOB NO. 7865

SHEET NO. 137/174

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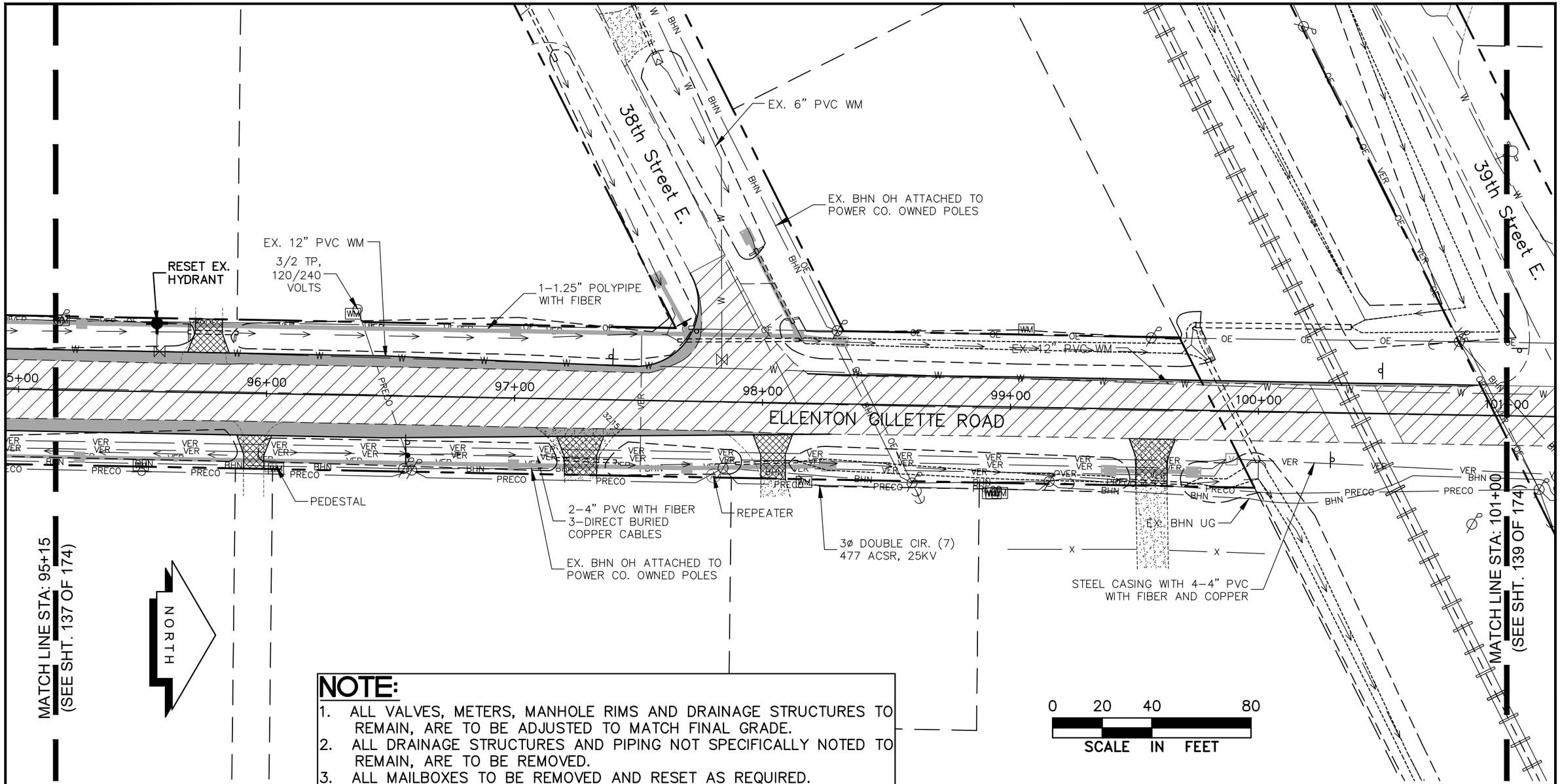

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ELLENTON GILLETTE ROAD

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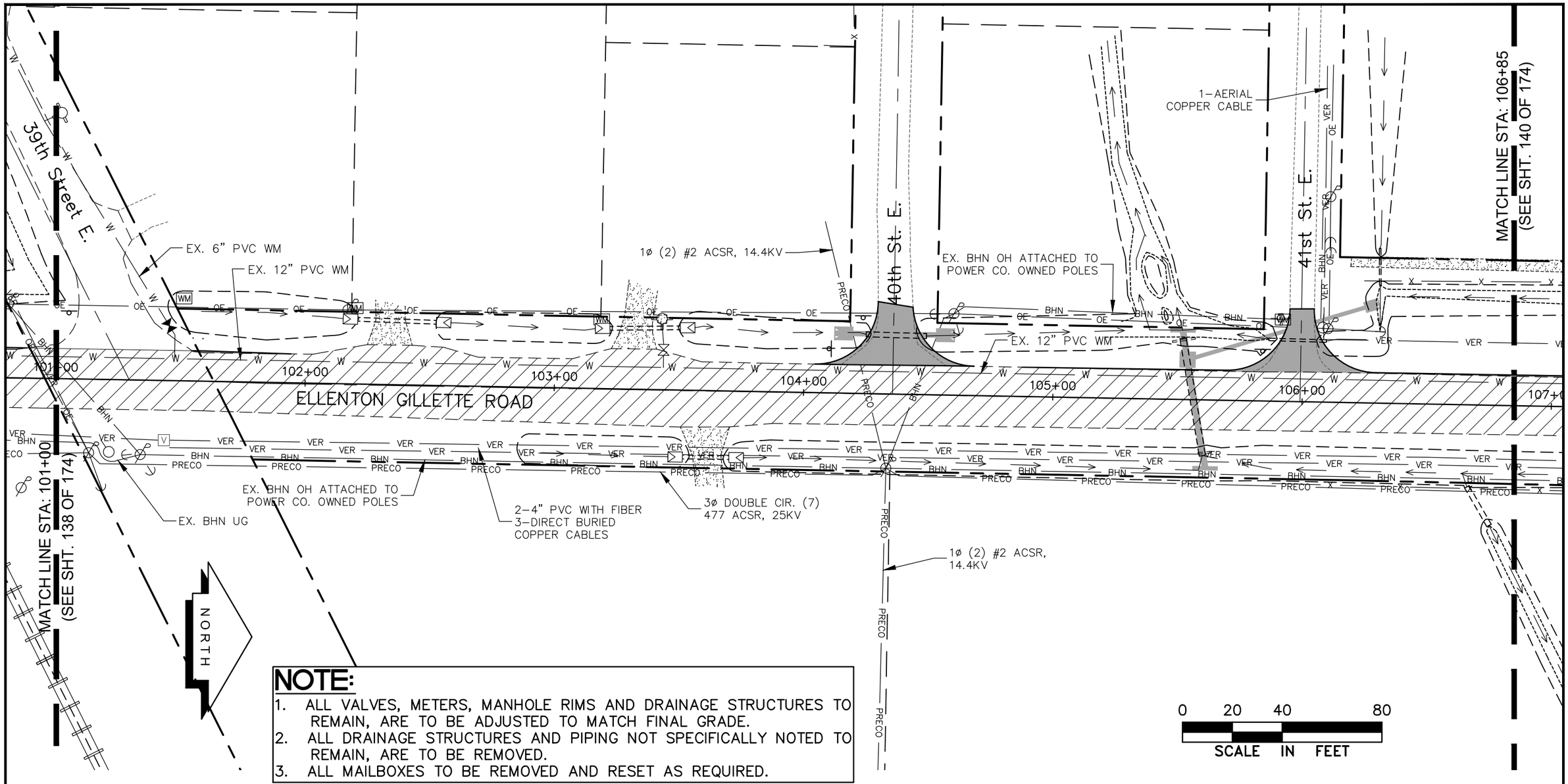
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 138/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:24:13 AM, cmitchell, 1:40



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PROJECT ENGINEER
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SHEET NO. 139/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:24:23 AM, cmitchell, 1:40

MATCH LINE STA: 106+85
(SEE SHT. 139 OF 174)

MATCH LINE STA: 112+75
(SEE SHT. 141 OF 174)

1–BURIED
COPPER CABLE

RESET EX.
HYDRANT

3ø DOUBLE CIR. (6)
1000 MCM, 25KV

1–4" PVC

2–4" PVC WITH FIBER
3–DIRECT BURIED
COPPER CABLES

EX. BHN OH ATTACHED TO
POWER CO. OWNED POLES

EX. 12" PVC WM

107+00 108+00 109+00 110+00 111+00 112+00

ELLENTON GILLETTE ROAD

NORTH

0 20 40 80
SCALE IN FEET

NOTE:

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UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 140/174

MATCH LINE STA: 112+75
(SEE SHT. 140 OF 174)

MATCH LINE STA: 118+55
(SEE SHT. 142 OF 174)

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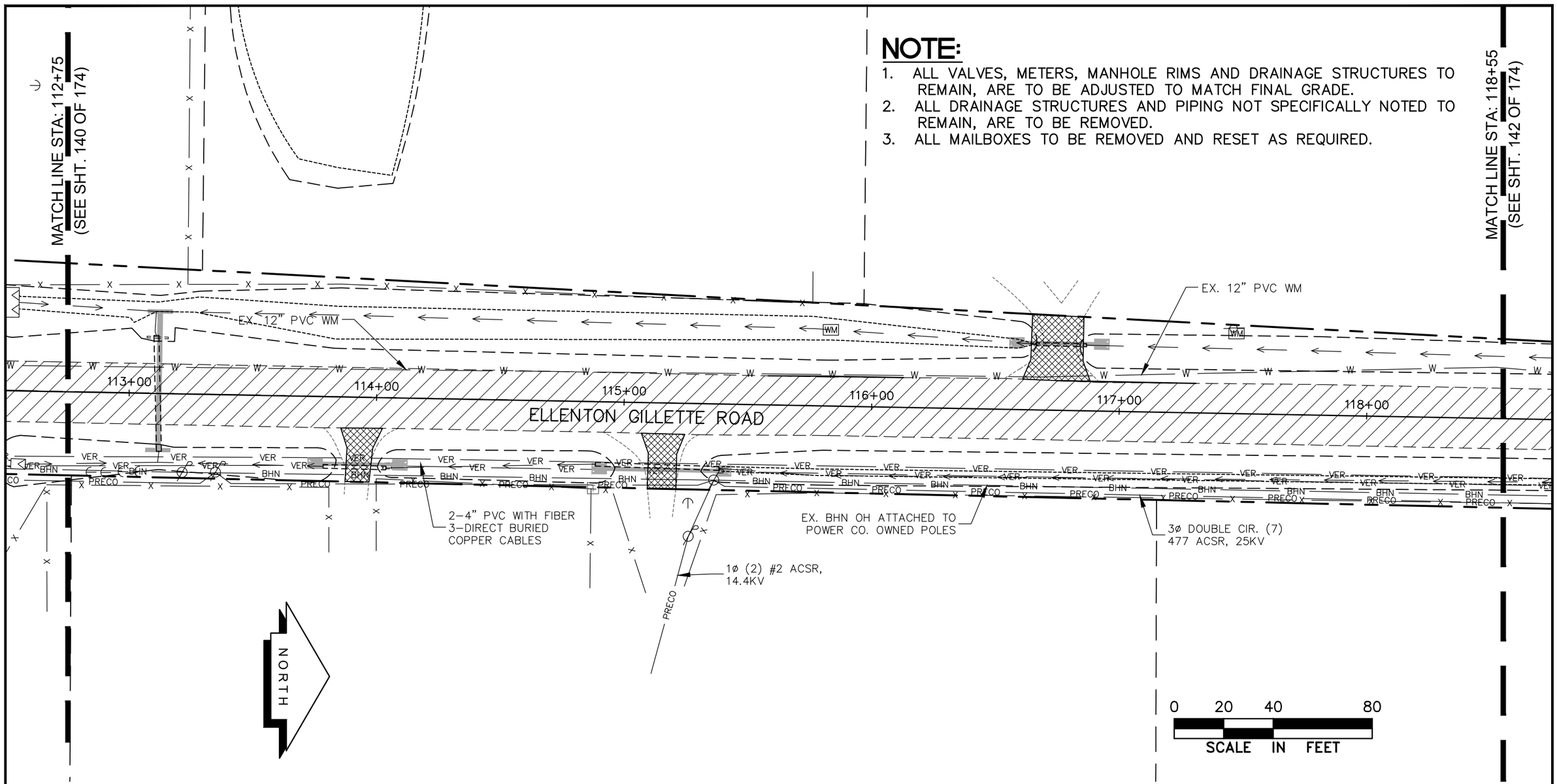

LEGEND

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PROJECT ENGINEER
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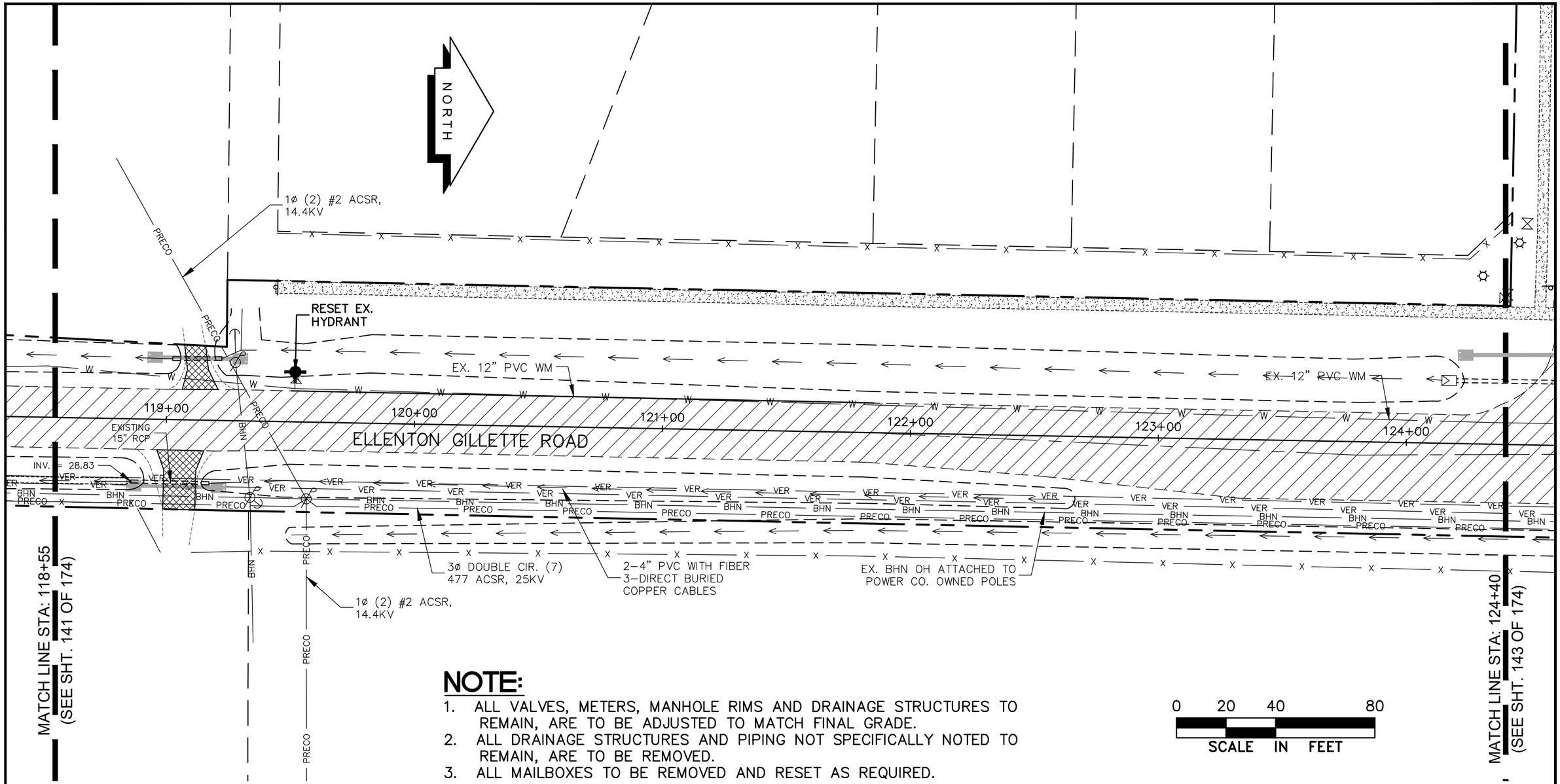
DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 141/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:24:43 AM, cmitchell, 1:40



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0 20 40 80

SCALE IN FEET

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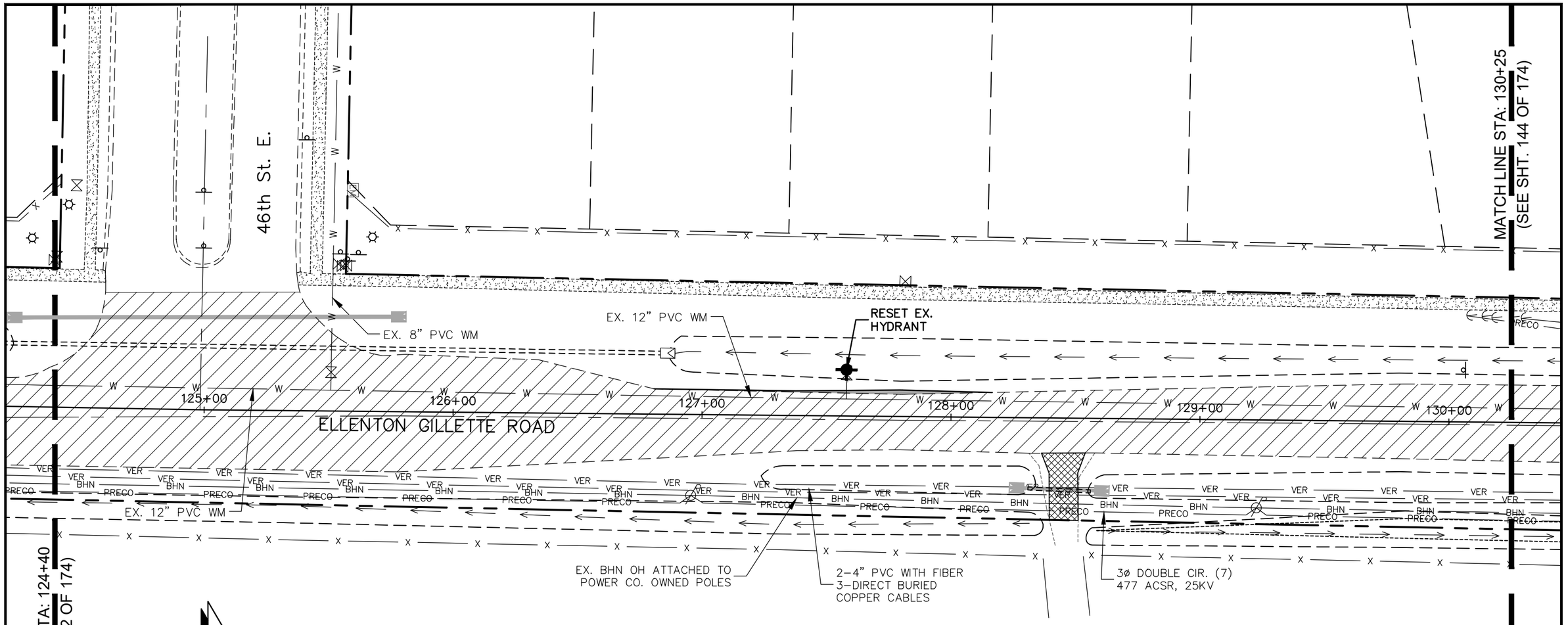
APPR. JRF. JOB NO. 7865

SHEET NO. 142/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:24:54 AM, cmitchell, 1:40



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SHEET NO. 143/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:25:04 AM, cmitchell, 1:40

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MATCH LINE STA: 130+25
(SEE SHT. 143 OF 174)

MATCH LINE STA: 136+10
(SEE SHT. 145 OF 174)

12-4" PVC WITH FIBER AND COPPER CABLES

3ø DOUBLE CIR. (7) 477 ACSR, 25KV

49th St. E.

EX. 8" PVC WM

EX. 12" PVC WM

3ø DOUBLE CIR. (7) 477 ACSR, 25KV

EX. BHN OH ATTACHED TO POWER CO. OWNED POLES

EX. 12" PVC WM

131+00 132+00 133+00 134+00 135+00 136+00

ELLENTON GILLETTE ROAD

EX. 8" PVC WM

2-4" PVC WITH FIBER 3-DIRECT BURIED COPPER CABLES

1-BURIED COPPER CABLE

3ø DOUBLE CIR. (7) 477 ACSR, 25KV

EX. BHN OH ATTACHED TO POWER CO. OWNED POLES

4-4" PVC WITH FIBER AND COPPER CABLE AND 3-DIRECT BURIED COPPER CABLES

NORTH

0 20 40 80
SCALE IN FEET

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SHEET NO. 144/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:25:13 AM, cmitchell, 1:40

MATCH LINE STA: 136+10
(SEE SHT. 144 OF 174)

MATCH LINE STA: 141+95
(SEE SHT. 146 OF 174)

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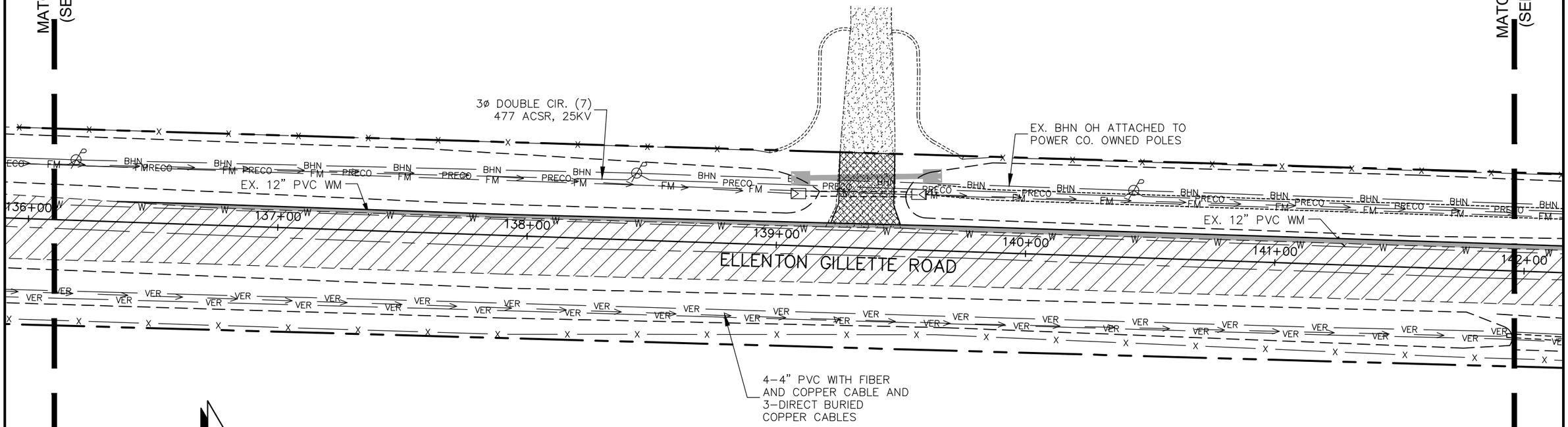

NORTH

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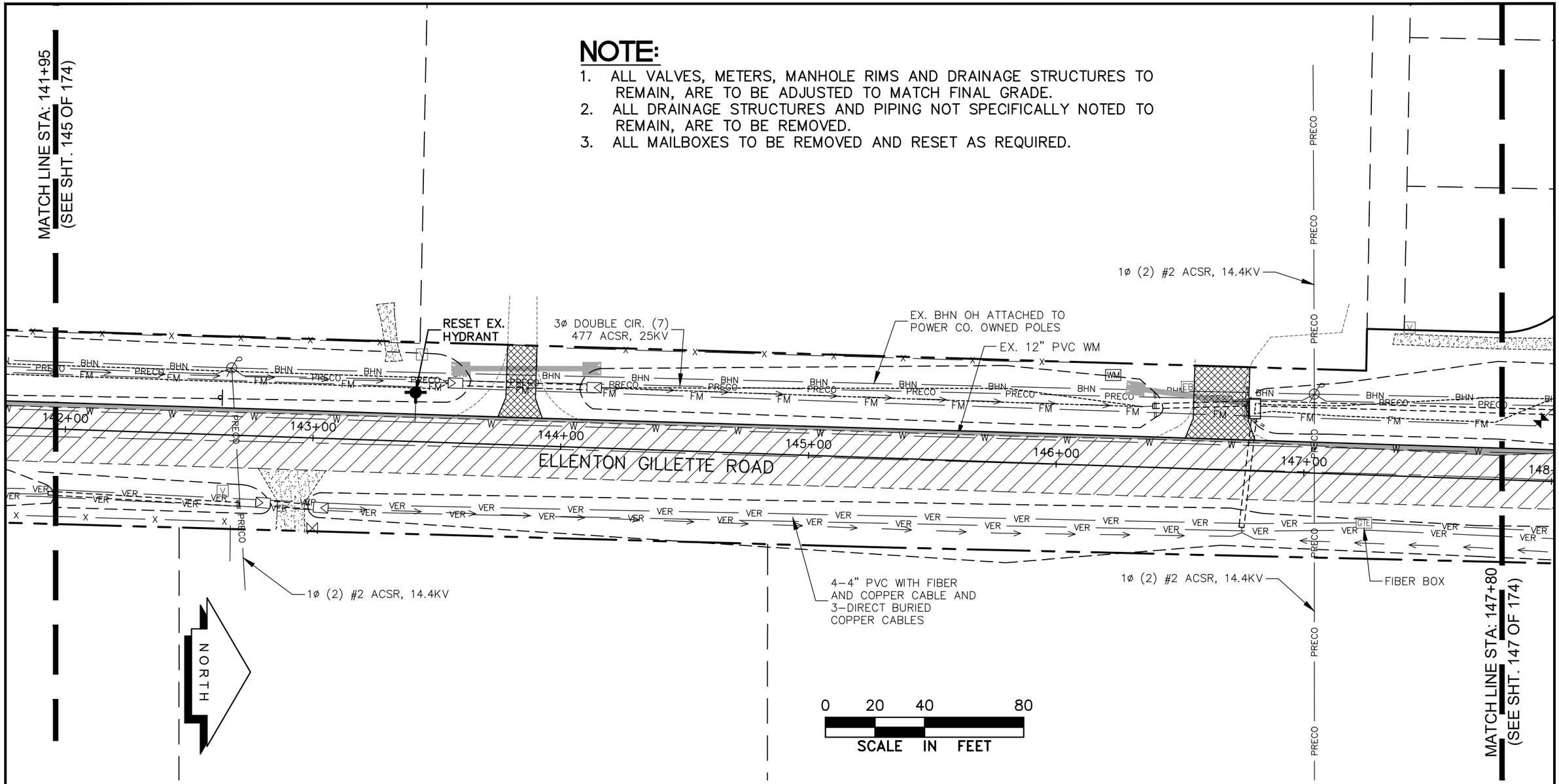

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN J.R.F. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. J.R.F. JOB NO. 7865

SHEET NO. 146/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:25:54 AM, cmitchell, 1:40

EX. BHN UG

EX. 8" PVC WM

3ø DOUBLE CIR. (7) 477 ACSR, 25KV

EX. BHN OH ATTACHED TO POWER CO. OWNED POLES

EX. BHN UG

54th St. E.

1ø (2) #2 ACSR, 14.4KV

RESET EX. HYDRANT

EX. 12" PVC WM

148+00 149+00 150+00 151+00 152+00 153+00

ELLENTON GILLETTE ROAD

EX. 12" PVC WM

4–4" PVC WITH FIBER AND COPPER CABLE AND 3–DIRECT BURIED COPPER CABLES

OH GUY WIRE

1ø (2) #2 ACSR, 14.4KV

MATCH LINE STA: 153+65 (SEE SHT. 148 OF 174)

MATCH LINE STA: 147+80 (SEE SHT. 146 OF 174)

NORTH

0 20 40 80

SCALE IN FEET

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
2. ALL DRAINAGE STRUCTURES AND PIPING NOT SPECIFICALLY NOTED TO REMAIN, ARE TO BE REMOVED.
3. ALL MAILBOXES TO BE REMOVED AND RESET AS REQUIRED.

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK, CONC. DRIVE
- BHN — PROPOSED BHN AERIAL
- BHN — EXIST. BRIGHTHOUSE NETWORK
- BE — EXIST. BURIED ELECTRIC (FPL)
- OE — EXIST. OVERHEAD ELECTRIC (FPL)
- VER — EXISTING BURIED VERIZON
- PRECO — EXIST. PRECO

UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 147/174

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
2. ALL DRAINAGE STRUCTURES AND PIPING NOT SPECIFICALLY NOTED TO REMAIN, ARE TO BE REMOVED.
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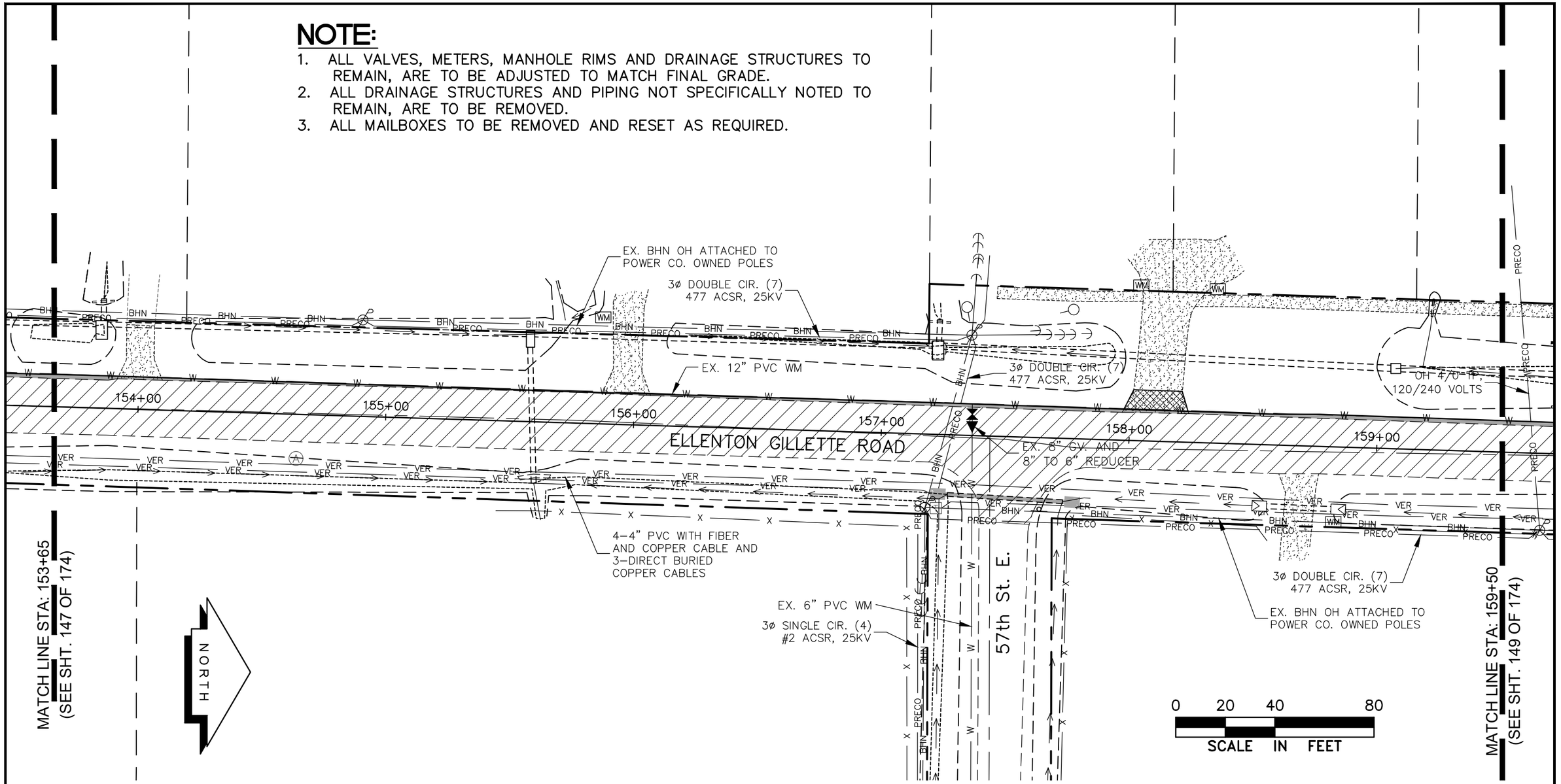

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK, CONC. DRIVE
- BHN — PROPOSED BHN AERIAL
- BHN — EXIST. BRIGHTHOUSE NETWORK
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UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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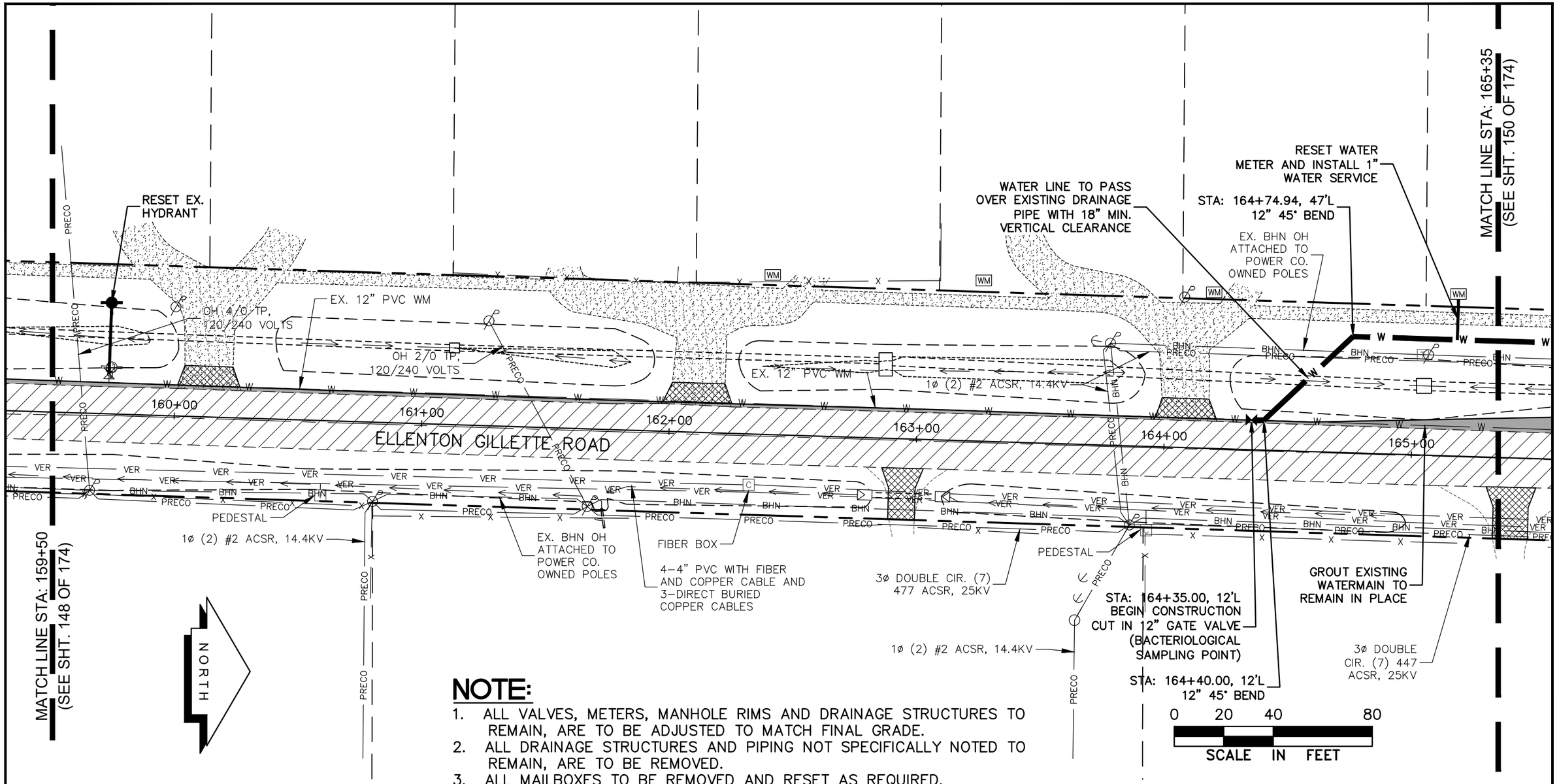
PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 148/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:26:29 AM, cmitchell, 1:40



NOTE:

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LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK, CONC. DRIVE
- BHN — PROPOSED BHN AERIAL
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UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 149/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:26:44 AM, cmitchell, 1:40

NEW 1" WATER SERVICE

EX. BHN OH ATTACHED TO POWER CO. OWNED POLES

1ø (2) #2 ACSR, 14.4KV

RESET WATER METER AND INSTALL 1" WATER SERVICE

PROPOSED 12" PVC WATERMAIN

STA: 167+76.26, 59'L
RESET EXISTING HYDRANT ASSEMBLY
STA: 167+76.46, 51'L
6" GATE VALVE

OH 4/0 TP, 120/240 VOLTS

RESET WATER METER AND INSTALL 1" WATER SERVICE

STA: 170+47.97, 52'L
TIE TO EXIST. 8" PVC MAIN

WATER LINE TO PASS BENEATH EXIST. DRAINAGE PIPE WITH 18" MIN. VERTICAL CLEARANCE

RESET WATER METER AND INSTALL 1" WATER SERVICE

2-BURIED COPPER CABLES

EX. 8" PVC WM

OPEN CUT ROADWAY CROSSING

WATER LINE TO PASS BENEATH EXIST. DRAINAGE PIPE WITH 18" MIN. VERTICAL CLEARANCE

61st Street E. (PALM VIEW ROAD)

OH GUY WIRE

EX. 12" PVC WM TO BE ABANDONED

STA: 167+76.59, 47'L
12"x12"x6" TEE

166+00 167+00 168+00 169+00 170+00 171+00

ELLENTON GILLETTE ROAD

EX. 12" PVC WM

EX. 8" PVC WM

3ø DOUBLE CIR. (7) 477 ACSR, 25KV

EX. BHN OH ATTACHED TO POWER CO. OWNED POLES

UTILIZE 12" DI WATERMAIN FROM STA. 170+00 TO STA. 170+70

8"x12" CROSS WITH 2-8" G.V. AND 2-12" G.V. (BACTERIOLOGICAL SAMPLING POINT)

GROUT EXISTING WATERMAIN TO REMAIN IN PLACE

4-4" PVC WITH FIBER AND COPPER CABLE AND 3-DIRECT BURIED COPPER CABLES

STA: 170+48.21, 42'L
TIE TO EXIST. 8" PVC MAIN

PEDESTAL

EX. 2" PVC WM

1-BURIED COPPER CABLE

2ø DOUBLE CIR. (3) #6 HD, 25KV

0 20 40 80
SCALE IN FEET

MATCH LINE STA: 165+35 (SEE SHT. 149 OF 174)

MATCH LINE STA: 171+20 (SEE SHT. 151 OF 174)

NORTH

NOTE:

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LEGEND

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- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
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- BHN — PROPOSED BHN AERIAL
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UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 150/174

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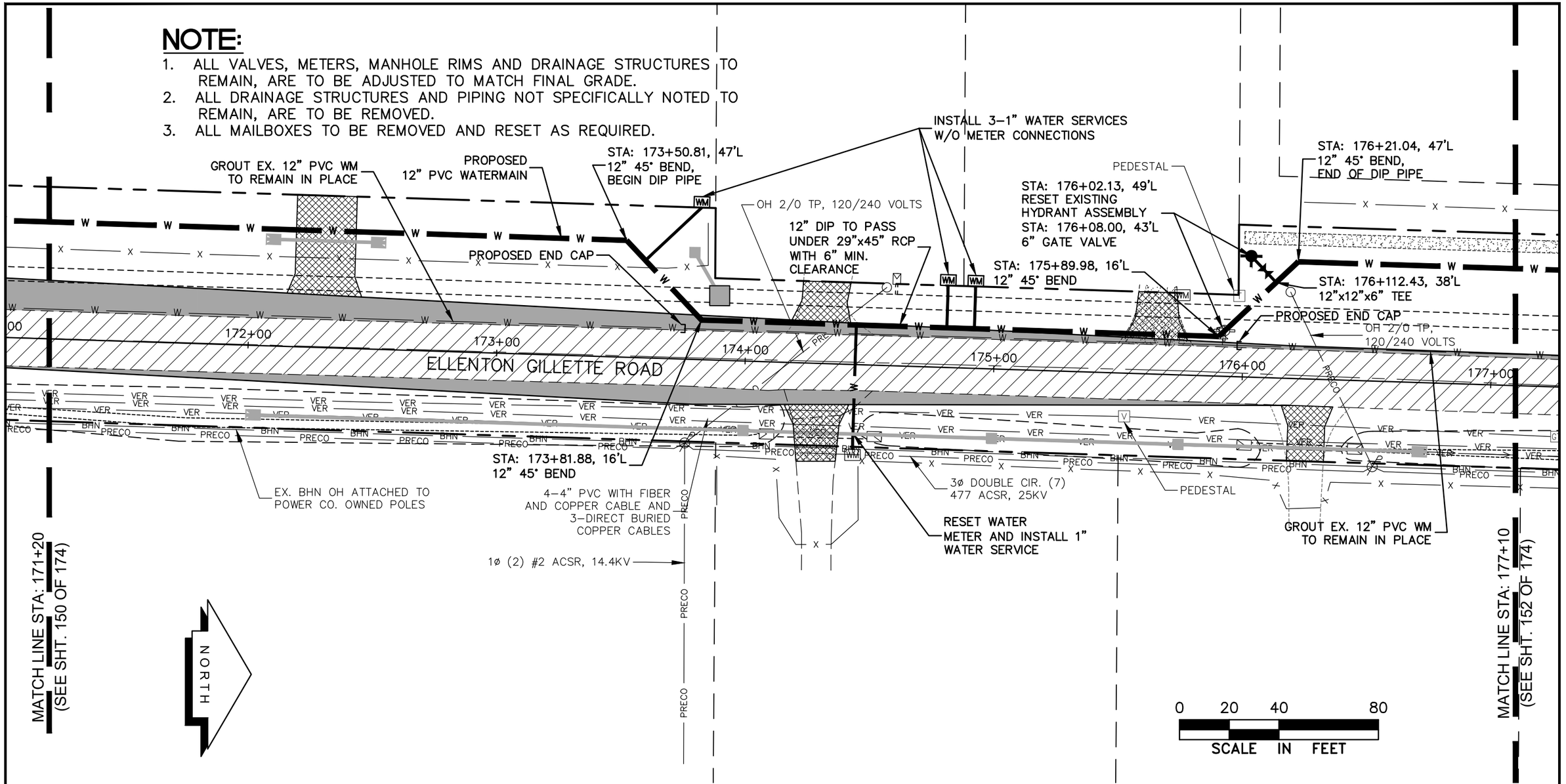

LEGEND

- NEW ROADWAY CONSTRUCTION
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UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 151/174

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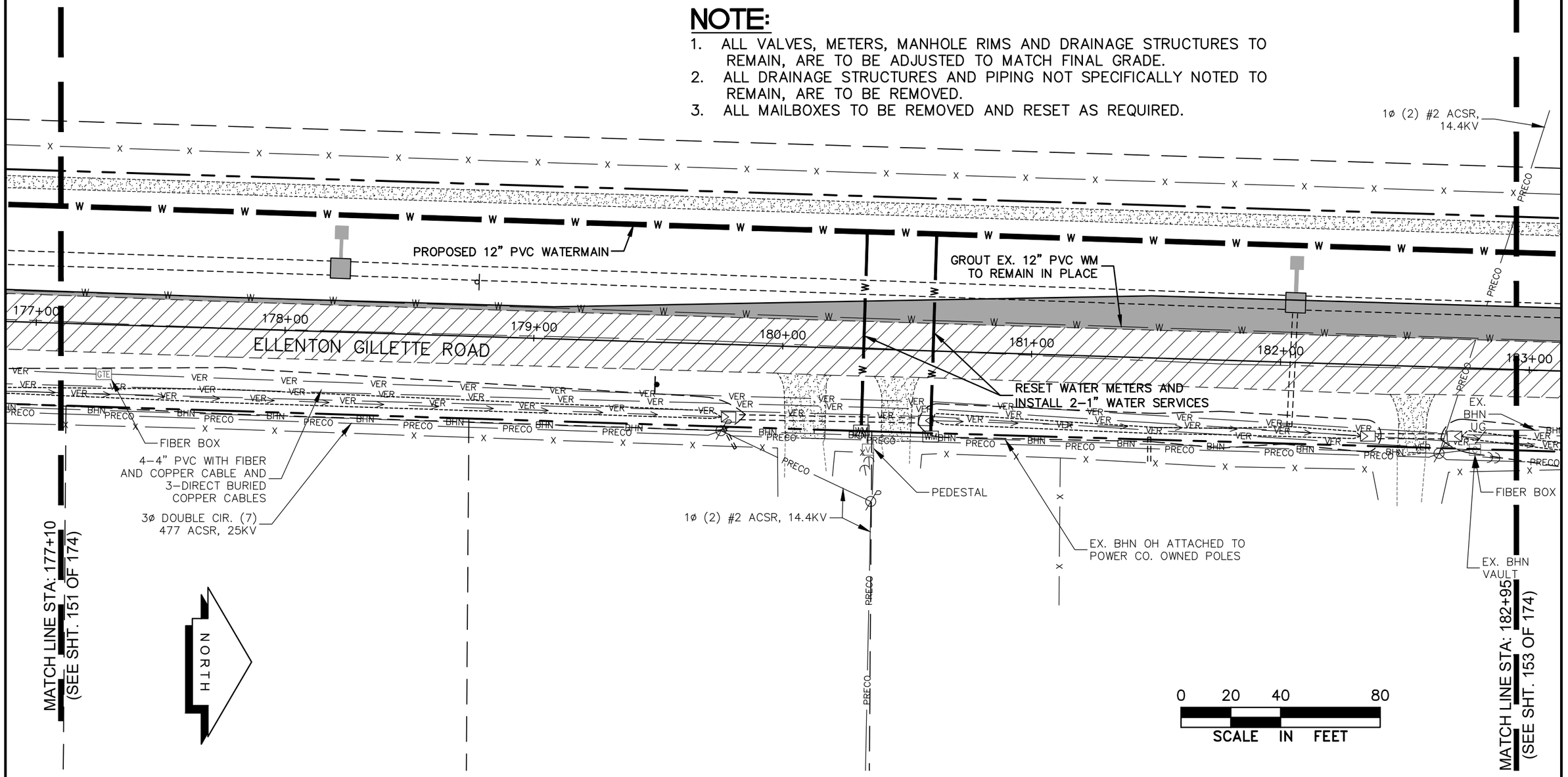

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
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UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 152/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:27:19 AM, cmitchell, 1:40

NOTE:

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1ø (2) #2 ACSR, 14.4KV

STA: 183+43.84, 60'L
RESET EXISTING
HYDRANT ASSEMBLY
STA: 183+43.54, 51'L
6" GATE VALVE

STA: 185+52.00, 55'L
6" 45° BEND

STA: 185+52.00, 51'L
6" GATE VALVE
(BACTERIOLOGICAL
SAMPLING POINT)

OPEN CUT
ROADWAY CROSSING

EX. 12" PVC WM
TO BE ABANDONED

EX. 6" PVC WM

STA: 185+56.22, 62'L
TIE TO EXIST. 6"
PVC MAIN

STA: 185+56.33, 59'L
6" 45° BEND

PROPOSED 12" PVC WATERMAIN

STA: 183+43.98, 47'L
12"x12"x6" TEE

STA: 185+52.00, 47'L
12"x12"x6" TEE

1-1.25" POLYPIPE WITH FIBER

63rd Street E.

ELLENTON GILLETTE ROAD

183+00 184+00 185+00 186+00 187+00 188+00

GROUT EX. 12" PVC WM
TO REMAIN IN PLACE

EX. BHN UG

FIBER BOX

PEDESTAL

FIBER HUB

EX. BHN VAULT

3ø (4) #2
ACSR, 25KV

36th AVENUE
DR. E.

EX. BHN PS CABINET

4-4" PVC WITH FIBER
AND 3-BURIED COPPER CABLES
AND 1-1.25" POLYPIPE WITH FIBER

3ø DOUBLE CIR. (7)
477 ACSR, 25KV

1-BURIED
COPPER CABLE

MATCH LINE STA: 182+95
(SEE SHT. 152 OF 174)

MATCH LINE STA: 188+80
(SEE SHT. 154 OF 174)

NORTH

0 20 40 80
SCALE IN FEET

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK, CONC. DRIVE
- BHN — PROPOSED BHN AERIAL
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UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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Consulting Engineers, Surveyors and Planners
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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 153/174

NOTE:

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2. ALL DRAINAGE STRUCTURES AND PIPING NOT SPECIFICALLY NOTED TO REMAIN, ARE TO BE REMOVED.
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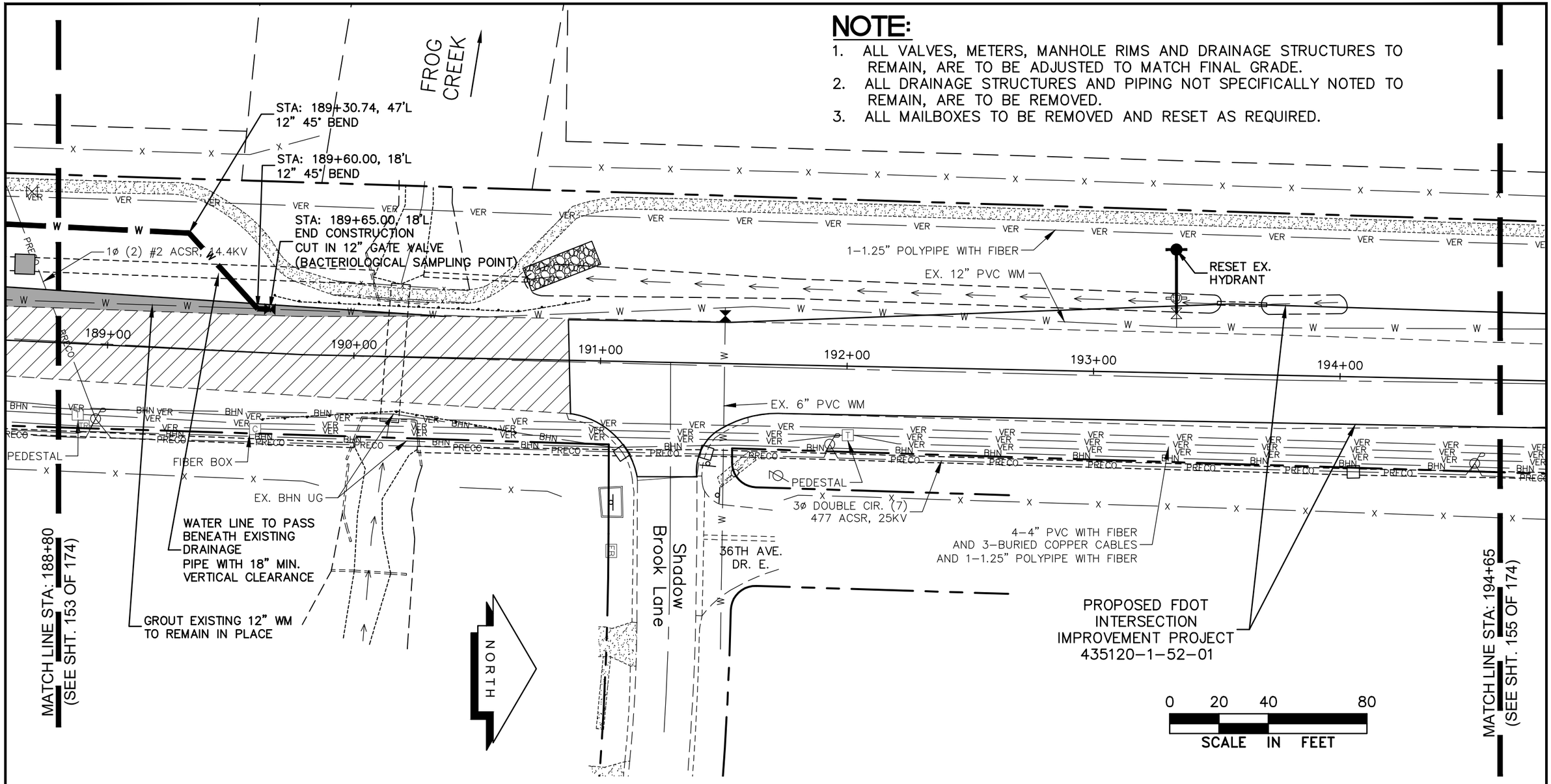

LEGEND

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ELLENTON GILLETTE ROAD

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DESIGN JRF. DATE 11/13/13
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APPR. JRF. JOB NO. 7865

SHEET NO. 154/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:28:03 AM, cmitchell, 1:40

PROPOSED FDOT INTERSECTION IMPROVEMENT PROJECT 435120-1-52-01

1-BURIED COPPER CABLE

69th Street E. (ERIE ROAD)

EX. BHN OH ATTACHED TO POWER CO. OWNED POLES

1-4" PVC WITH FIBER
1-BURIED COPPER CABLE AND
3-1.25" POLYPIPE WITH FIBER

EX. BHN UG

EX. 16" D.I.P. WM

3ø DOUBLE CIR. (7)
477 ACSR, OH 25KV

EX. BHN UG

1-1.25" POLYPIPE WITH FIBER
2-4" PVC WITH FIBER AND
2-BURIED COPPER CABLES

MATCH LINE STA: 200+10
(SEE SHT. 156 OF 174)

1-1.25" POLYPIPE WITH FIBER
EX. 12" PVC WM

PEDESTAL

FIBER BOX

3-4" PVC WITH
COPPER AND FIBER

195+00 196+00 197+00 198+00 199+00 200+00

ELLENTON GILLETTE ROAD

EX. 8" DIP WM

EX. 16" DIP WM

EX. BHN UG

EX. 16" DIP WM

EX. 16" PVC WM

3ø SINGLE CIR. (3)
1000 MCM, UG 25KV

EX. 16" PVC WM

EX. BHN POWER SUPPLY CABINET

EX. 12" PVC WM

4-4" PVC WITH FIBER
AND 3-BURIED COPPER CABLES
AND 1-1.25" POLYPIPE WITH FIBER

3ø DOUBLE CIR. (6)
1000 MCM, UG 25KV

2-4" PVC WITH FIBER
AND 1-BURIED COPPER CABLE

EX. 16" D.I.P. WM

EX. 4" PVC WM

1-BURIED COPPER CABLE AND
1-1.25" POLYPIPE WITH FIBER

MATCH LINE STA: 194+65
(SEE SHT. 154 OF 174)

NORTH

PROPOSED FDOT INTERSECTION IMPROVEMENT PROJECT 435120-1-52-01

69th Street E. (ERIE ROAD)

70th Street E. (PALMVIEW CIRCLE)

NOTE:

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LEGEND

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- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK, CONC. DRIVE
- BHN — PROPOSED BHN AERIAL
- BHN — EXIST. BRIGHTHOUSE NETWORK
- BE — EXIST. BURIED ELECTRIC (FPL)
- OE — EXIST. OVERHEAD ELECTRIC (FPL)
- VER — EXISTING BURIED VERIZON
- PRECO — EXIST. PRECO

0 20 40 80
SCALE IN FEET

UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 155/174

NOTE:

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3. ALL MAILBOXES TO BE REMOVED AND RESET AS REQUIRED.

MATCH LINE STA: 200+10
(SEE SHT. 155 OF 174)

PROPOSED FDOT
INTERSECTION
IMPROVEMENT PROJECT
435120-1-52-01

2-4" PVC WITH FIBER AND
2-BURIED COPPER CABLES

FIBER
BOX

PEDESTAL

200+00 201+00 202+00 203+00 204+00 205+00 206+00

ELLENTON GILLETTE ROAD

EX. BHN UG

EX. BHN OH ATTACHED TO
POWER CO. OWNED POLES

EX. 16" PVC WM

RESET EX. HYDRANT

1ø (2) #2 ACSR, 14.4KV

3ø SINGLE CIR.
4/0 ACSR, 25KV

3ø SINGLE CIR. (4)
4/0 ACSR, 25KV

EX. 8" PVC WM

EX. 6" PVC WM

70th Street E.
(PALMVIEW CIRCLE)

NORTH

0 20 40 80
SCALE IN FEET

MATCH LINE STA: 205+95
(SEE SHT. 157 OF 174)

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK, CONC. DRIVE
- BHN — PROPOSED BHN AERIAL
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- BE — EXIST. BURIED ELECTRIC (FPL)
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UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO.
156 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:28:25 AM, cmitchell,
1:40

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EXISTING LAKE

EX. 8" PVC WM

71st Street E.

EXISTING LAKE

2-4" PVC WITH FIBER

2-BURIED COPPER CABLES

3ø (4) #2 ACSR, 25KV

FIBER BOX

PEDESTAL

MATCH LINE STA: 211+75 (SEE SHT. 158 OF 174)

EX. 8" PVC WM

206+00

ELLENTON GILLETTE ROAD

207+00

208+00

209+00

210+00

211+00

EX. BHN UG

OH GUY WIRE

EX. 2" HDPE WM

EX. 16" PVC WM

EX. 6" PVC WM

3ø (4) 4/0 ACSR, 25KV

EX. BHN OH ATTACHED TO POWER CO. OWNED POLES

1ø #2 ACSR

EX. 16" PVC WM

3ø (4) 4/0 ACSR, 25KV

EX. BHN OH ATTACHED TO POWER CO. OWNED POLES

MATCH LINE STA: 205+95 (SEE SHT. 156 OF 174)

NORTH

71st Street E. (PALMVIEW CIRCLE)

EX. 16" PVC WM

EX. 2" HDPE WM

0 20 40 80

SCALE IN FEET

LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK, CONC. DRIVE
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UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

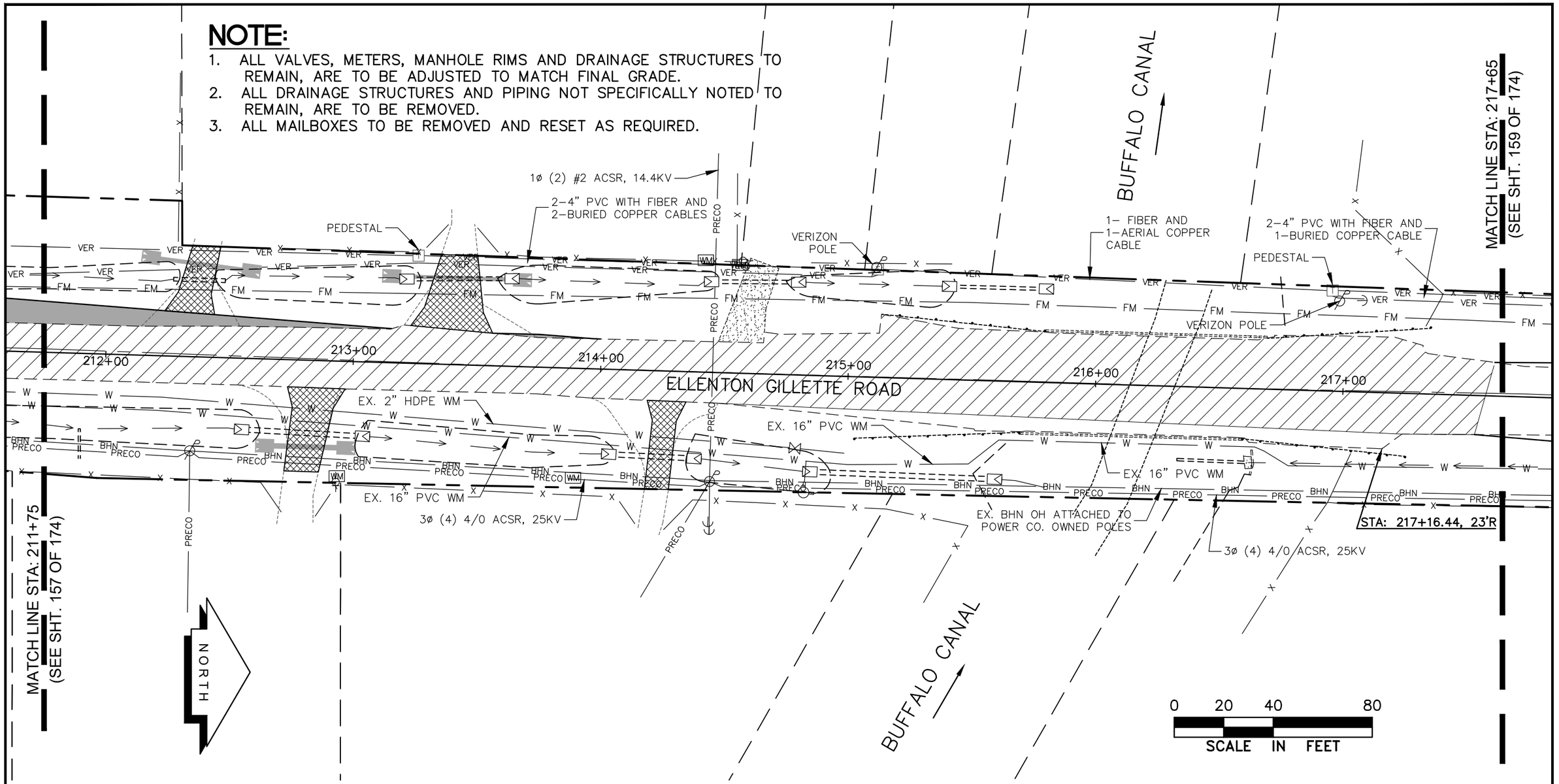
DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 157/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:28:35 AM, cmitchell, 1:40

NOTE:

1. ALL VALVES, METERS, MANHOLE RIMS AND DRAINAGE STRUCTURES TO REMAIN, ARE TO BE ADJUSTED TO MATCH FINAL GRADE.
2. ALL DRAINAGE STRUCTURES AND PIPING NOT SPECIFICALLY NOTED TO REMAIN, ARE TO BE REMOVED.
3. ALL MAILBOXES TO BE REMOVED AND RESET AS REQUIRED.



LEGEND

- NEW ROADWAY CONSTRUCTION
- MILLING AND OVERLAY LIMITS
- EXISTING SIDEWALK
- PROPOSED SIDEWALK, CONC. DRIVE
- BHN — PROPOSED BHN AERIAL
- BHN — EXIST. BRIGHTHOUSE NETWORK
- BE — EXIST. BURIED ELECTRIC (FPL)
- OE — EXIST. OVERHEAD ELECTRIC (FPL)
- VER — EXISTING BURIED VERIZON
- PRECO — EXIST. PRECO

UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

REVISIONS

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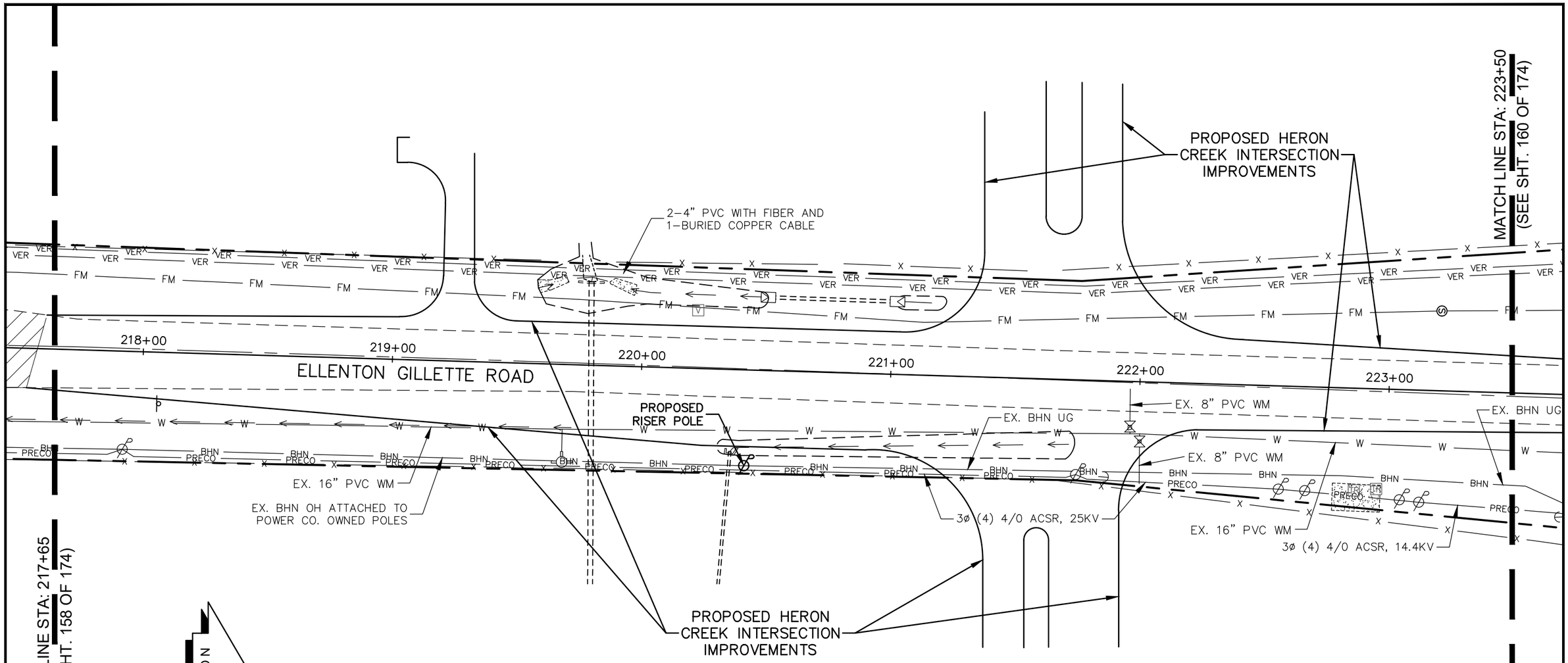
I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:28:44 AM, cmitchell, 1:40



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APPR. JRF. JOB NO. 7865

SHEET NO. 159 / 174

MATCH LINE STA: 223+50
(SEE SHT. 159 OF 174)

MATCH LINE STA: 229+35
(SEE SHT. 161 OF 174)

NORTH

77th Street E.
(MILLS ROAD)

ELLENTON GILLETTE ROAD

224+00 225+00 226+00 227+00 228+00 229+00

EX. BHN UG

1ø (2) 6 HD, 14.4KV

1–4" PVC WITH COPPER CABLE

2–4" PVC WITH FIBER AND 1–BURIED COPPER CABLE

EX. 6" PVC WM

EX. BHN OH ATTACHED TO POWER CO. OWNED POLES

3ø (4) 4/0 ACSR, 14.4KV

EX. 16" PVC WM

PEDESTAL

BURIED COPPER CABLE

EX. 8" PVC WM

3ø (4) 6 HD, 14.4KV

EX. BHN OH ATTACHED TO POWER CO. OWNED POLES

EX. BHN UG

EX. 16" PVC WM

3ø (4) 4/0 ACSR, 14.4KV

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0 20 40 80
SCALE IN FEET

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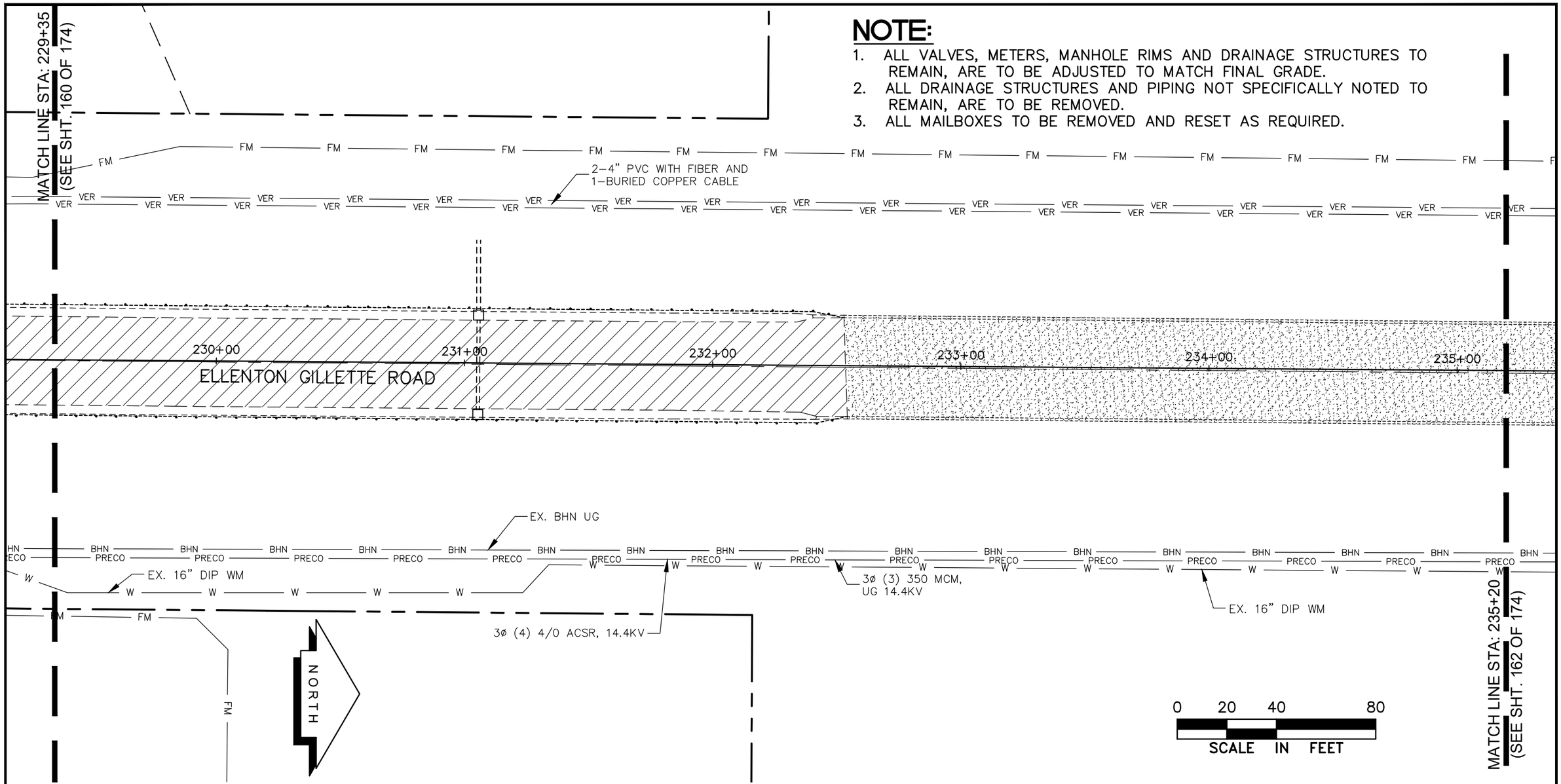
APPR. JRF. JOB NO. 7865

SHEET NO. 160 / 174



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SHEET NO. 161/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:29:16 AM, cmitchell,
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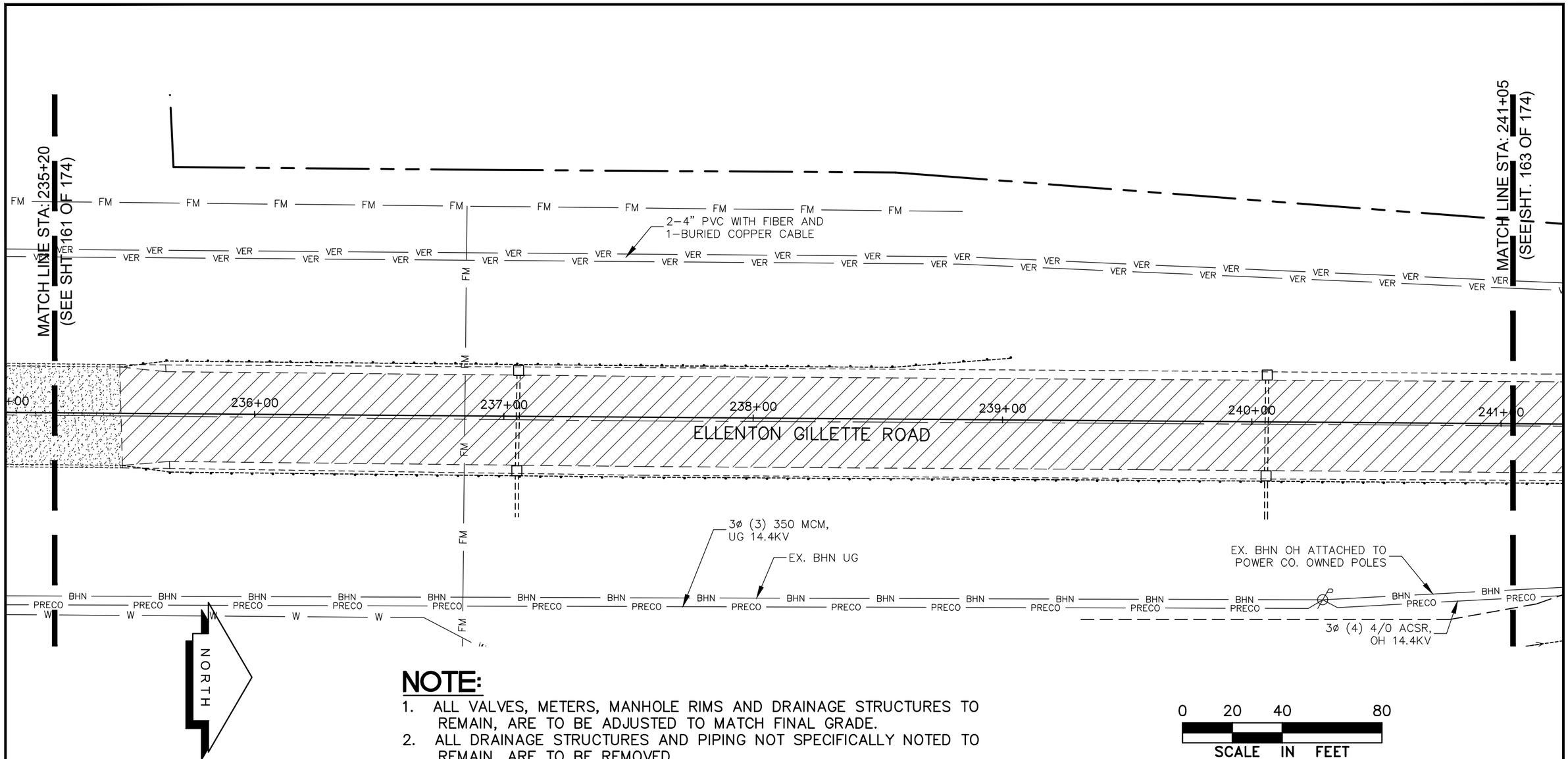

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APPR. JRF. JOB NO. 7865

SHEET NO. 162 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:29:41 AM, cmitchell, 1:40

MATCH LINE STA: 241+05
(SEE SHT. 162 OF 174)

MATCH LINE STA: 246+90
(SEE SHT. 164 OF 174)

FIBER BOX

2–4" PVC WITH FIBER AND 1–BURIED COPPER CABLE

OH GUY WIRE

241+00 242+00 243+00 244+00 245+00 246+00 247+00

ELLENTON GILLETTE ROAD

2–4" PVC COPPER CABLE

81st St. E.

EX. BHN OH ATTACHED TO POWER CO. OWNED POLES

EX. 16" PVC WM

3ø (4) 4/0 ACSR, 14.4KV

PEDESTAL

1–BURIED COPPER

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NORTH

0 20 40 80
SCALE IN FEET

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APPR. JRF. JOB NO. 7865

SHEET NO. 163/174

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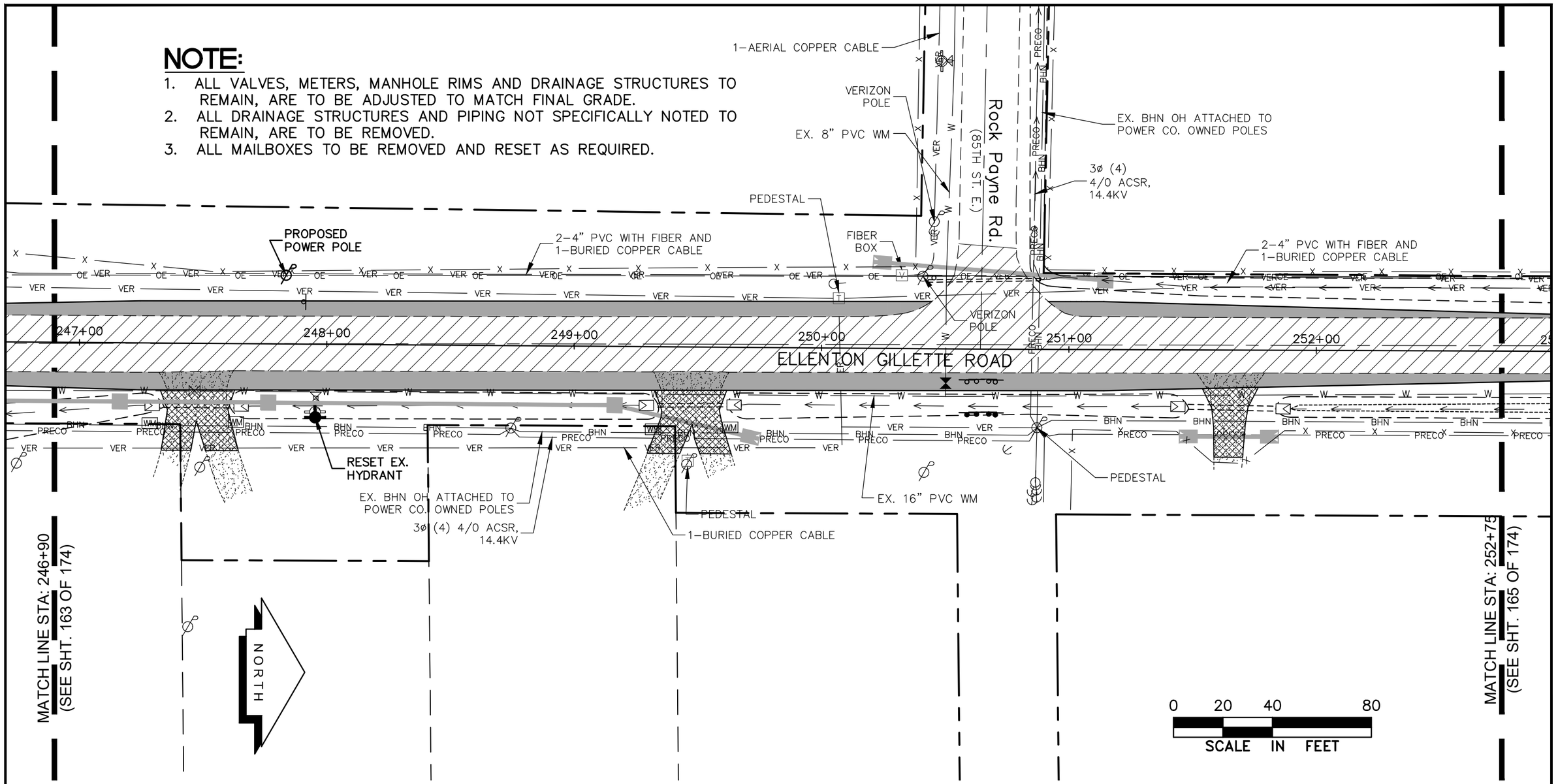

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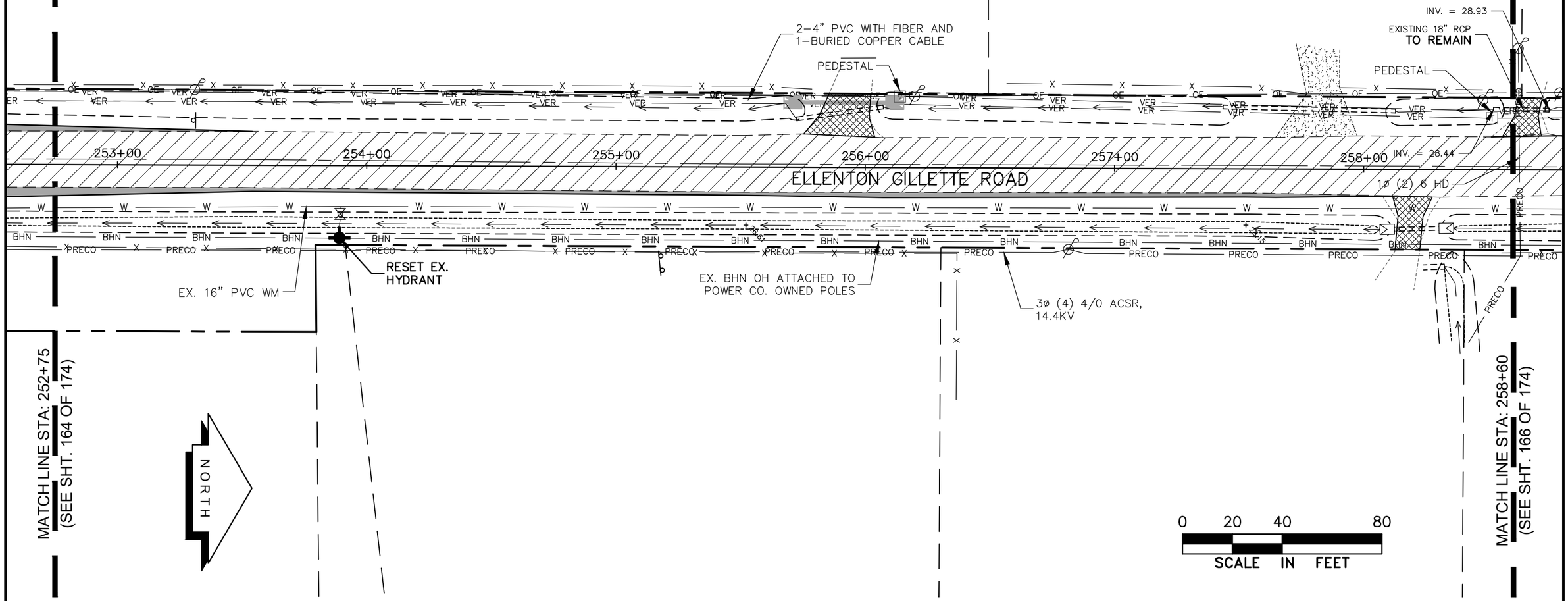

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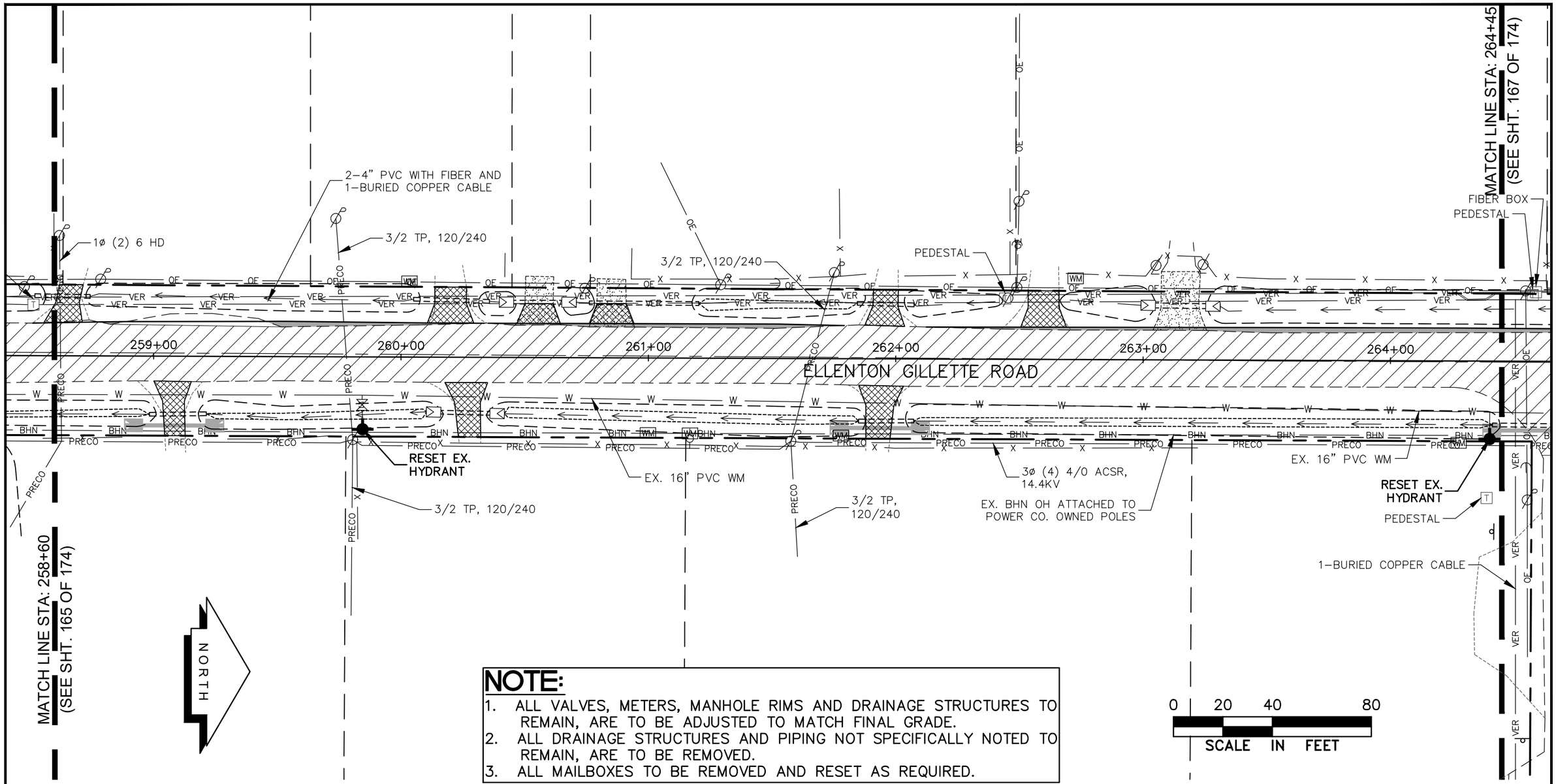
I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:30:11 AM, cmitchell, 1:40



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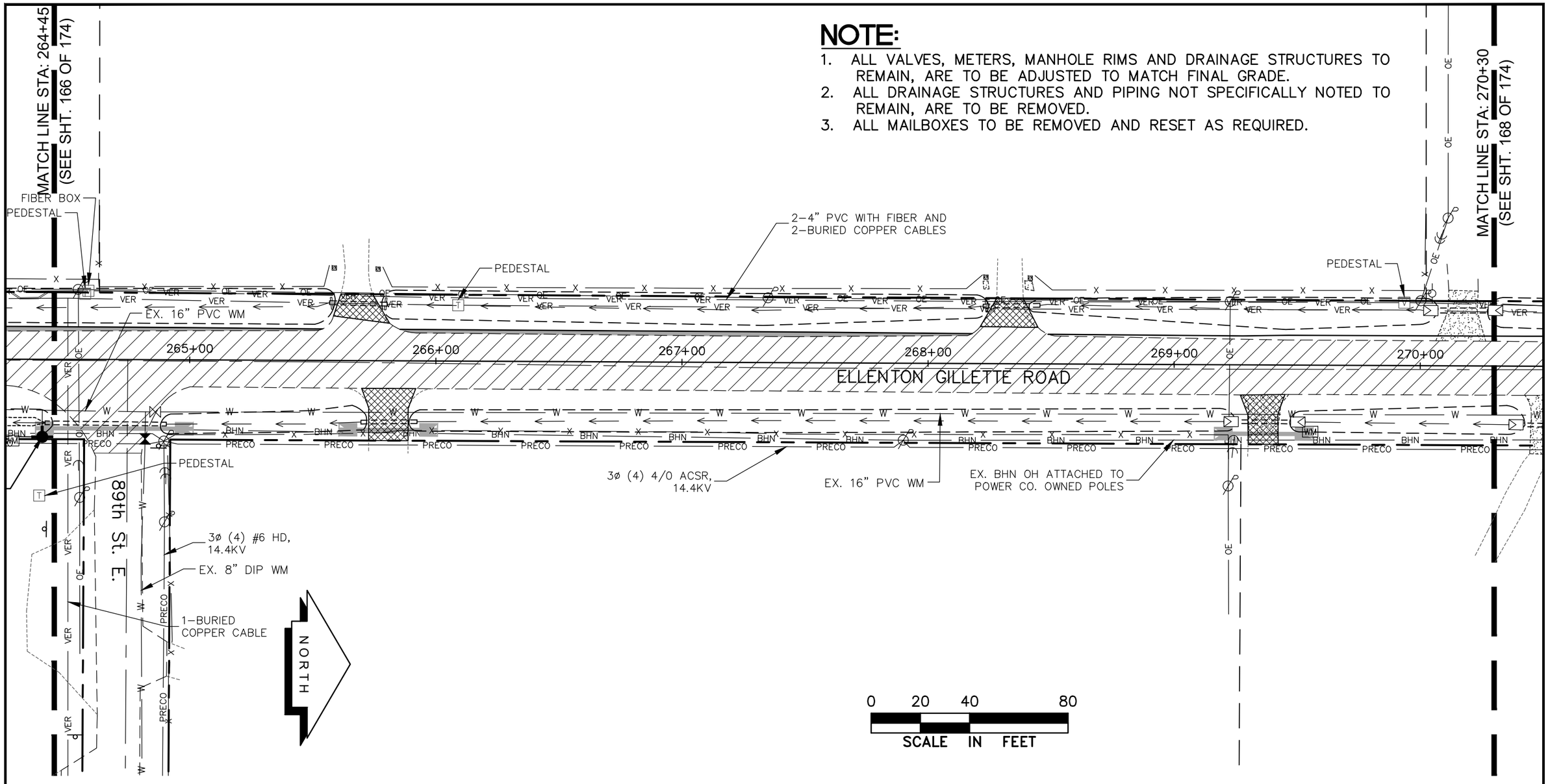

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SHEET NO. 167 / 174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:30:42 AM, cmitchell, 1:40

MATCH LINE STA: 270+30
(SEE SHT. 167 OF 174)

MATCH LINE STA: 276+15
(SEE SHT. 169 OF 174)

2-4" PVC WITH FIBER AND
2-BURIED COPPER CABLES

PEDESTAL

2-4" PVC WITH FIBER AND
2-BURIED COPPER CABLES

271+00 272+00 273+00 274+00 275+00 276+00

ELLENTON GILLETTE ROAD

EX. 16" PVC WM

RESET EX.
HYDRANT

3ø (4) 4/0 ACSR,
14.4KV

EX. BHN OH ATTACHED TO
POWER CO. OWNED POLES

EX. 16" PVC WM

2/0 TP,
120/240 VOLTS

NORTH

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0 20 40 80
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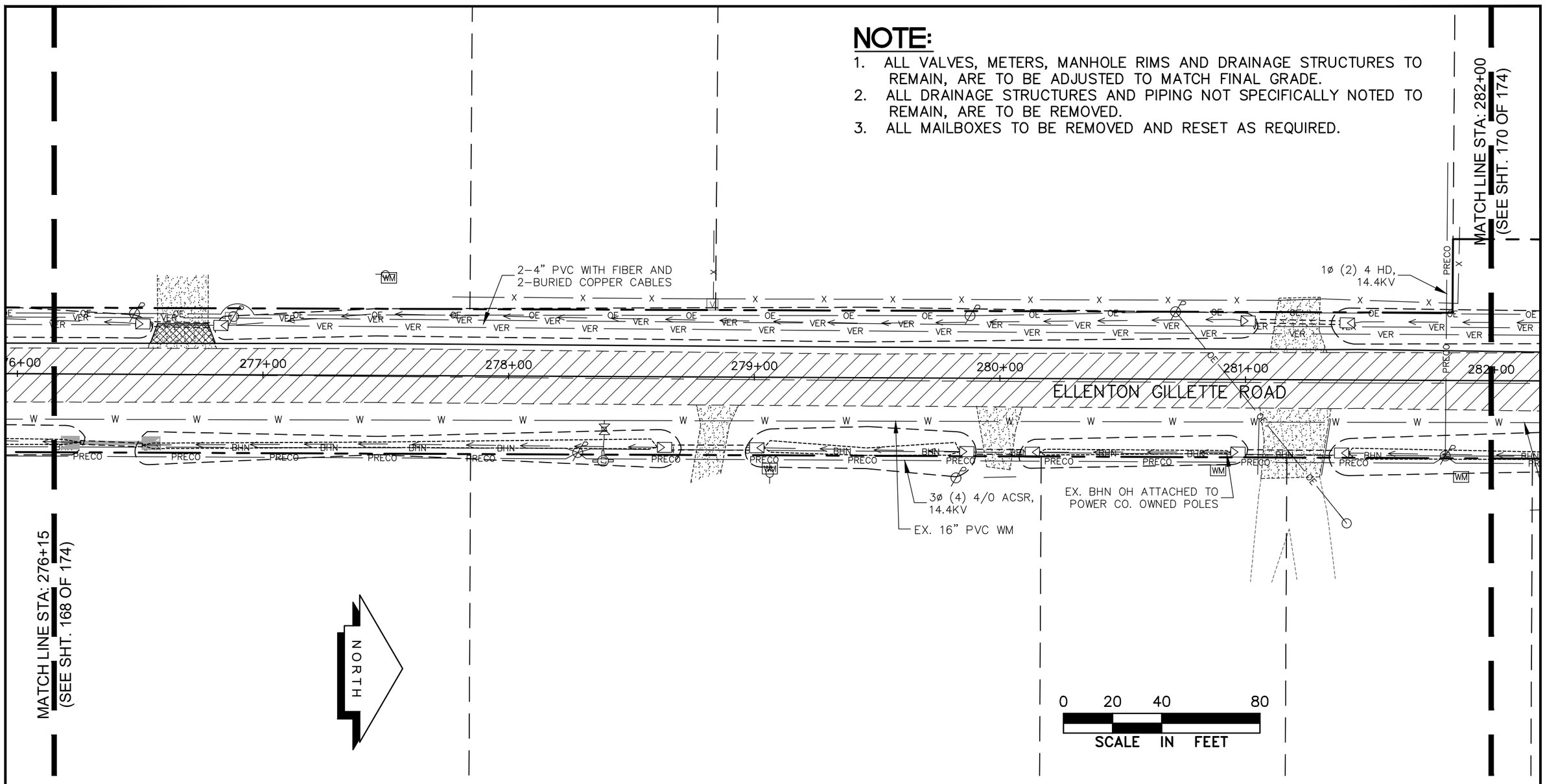

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I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:31:05 AM, cmitchell, 1:40

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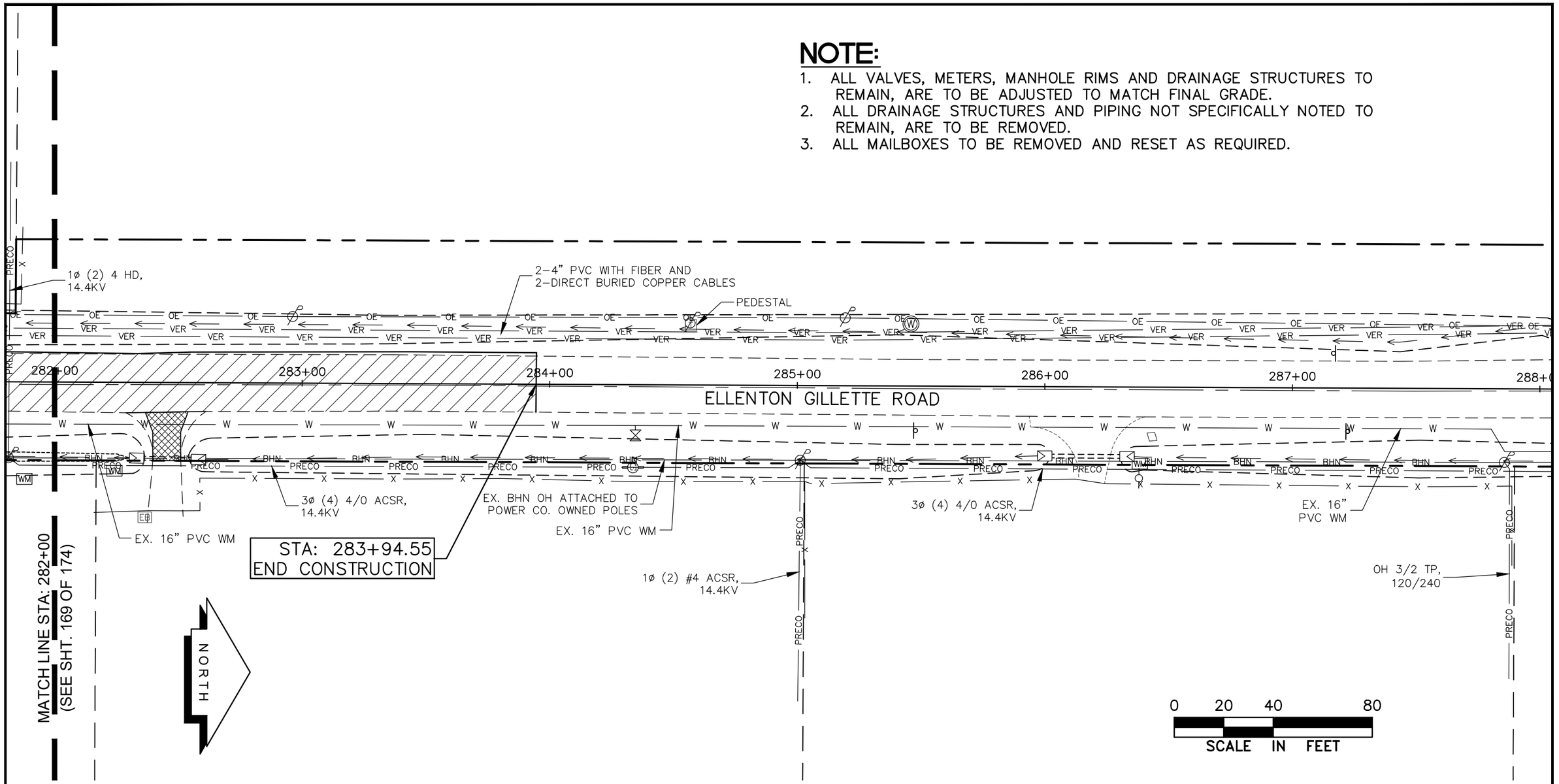

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UTILITY ACCOMMODATION PLAN
ELLENTON GILLETTE ROAD

REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
Consulting Engineers, Surveyors and Planners
P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561

PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

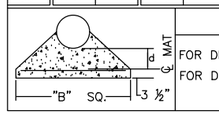
DESIGN JRF. DATE 11/13/13
DRAWN P.G. SCALE 1"=40'
APPR. JRF. JOB NO. 7865

SHEET NO. 170/174

I:\Master Drawing\ELLENTON-GILLETTE RD\ELLENTON GILLETTE FDOT 2020 REVISION\ELLGILL-FDOT-UTACC.dwg, 10/16/2020 10:31:21 AM, cmitchell, 1:40

THRUST BLOCK DIMENSIONS B ft. x d inches

PIPE SIZE (IN.)	90°BEND B	90°BEND d	45°BEND B	45°BEND d	22.5°BEND B	22.5°BEND d	11.25°BEND B	11.25°BEND d	DEAD END & TEE B	DEAD END & TEE d	45° WYE B	45° WYE d
4	1.5	3 ½	1.1	3 ½	0.8	3 ½	0.6	3 ½	1.3	3 ½	1.1	3 ½
6	2.2	5 ¼	1.6	3 ¾	1.2	3 ½	0.8	3 ½	1.9	4 ½	1.6	3 ¾
8	2.9	7	2.1	5	1.5	3 ½	1.1	3 ½	2.4	5 ¾	2.0	4 ¾
10	3.5	8 ½	2.6	6 ¼	1.9	4 ½	1.3	3 ½	3.0	7 ¼	2.5	6
12	4.2	10	3.1	7 ½	2.2	5 ¼	1.6	3 ¾	3.5	8 ¼	3.0	7 ¼
14	4.9	11 ¾	3.6	8 ¾	2.6	6 ¼	1.8	4 ¼	4.1	9 ¾	3.4	8 ¼
16	5.5	13 ¼	4.1	9 ¾	2.9	7	2.1	5	4.7	11 ¼	3.9	9 ¼
18	6.2	15	4.6	11	3.3	8	2.3	5 ½	5.2	12 ½	4.4	10 ½
20	6.9	16 ½	5.0	12	3.6	8 ¾	2.6	6 ¼	5.8	14	4.9	11 ¾
24	8.2	19 ¾	6.0	14 ½	4.3	10 ¼	3.1	7 ½	6.9	16 ½	5.8	14
30	10.1	24 ¼	7.5	18	5.3	12 ¾	3.8	9	8.5	20 ½	7.2	17 ¼
36	12.1	29	8.9	21 ¼	6.4	15 ¼	4.5	10 ¾	10.2	24 ½	8.6	20 ¾



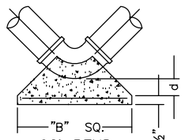
REINFORCEMENT MAT SCHEDULE

FOR DIM. "B" BETWEEN 5.75' & 12.5' USE #4 @ 8" EACH WAY

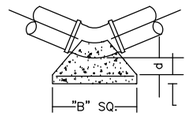
FOR DIM. "B" LESS THAN 5.75' USE #3 @ 8" EACH WAY

NOTES:

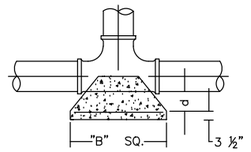
1. ALL THRUST BLOCKS SHALL BE CAST IN PLACE. FITTINGS ADJACENT TO THRUST BLOCKS SHALL BE WRAPPED IN POLYETHYLENE.
2. THIS TABLE IS BASED ON WATER PRESSURE=180 PSI WITH AN ALLOWABLE SOIL BEARING PRESSURE=2000 PSF, CONCRETE STRENGTH f_c =3000 PSI, REINFORCEMENT f_y =60.0 KSI. THRUST BLOCK SHALL BE CAST AGAINST FIRM UNDISTURBED SOIL.
3. FOR LARGER "B" DIMENSIONS IT IS NECESSARY TO CHECK THAT PIPE IS SUFFICIENTLY DEEP TO ALLOW 15" MIN. SOIL COVER OVER TOP EDGE OF THRUST BLOCK.
4. RESTRAINED JOINTS MAY BE USED IN LIEU OF THRUST BLOCKS TO SAVE SPACE. THRUST BLOCKS SHALL BE USED IN SITUATIONS WHERE THRUST BLOCKS AND RESTRAINED JOINTS ARE BOTH REQUIRED.



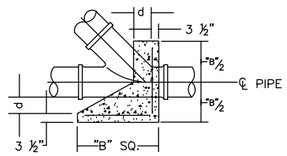
90° BEND



45°, 22.5° OR 11.25° BEND



TEE OR DEAD END



45° WYE

MANATEE COUNTY PUBLIC WORKS DEPARTMENT				
REV.BY	DATE	MAY 10, 2011 DATE OF APPROVAL	CONCRETE THRUST BLOCKS	UG-7
CLB/BR	11/10			PAGE 107

REQUIRED LENGTH OF RESTRAINED JOINT PIPE FOR DR-18 PVC PIPE

MAIN PIPE SIZE	HORIZ. BENDS 90°	45°	22.5°	TEES SIZE / LENGTH	REDUCERS SIZE / LENGTH	PLUGS & VALVES
24	90	38	18	X24/169 X20/132 X16/90 X12/38 X10/6	X20/64 X16/117 X12/158	214
20	78	32	16	X20/141 X16/101 X12/53 X10/24 X8/1	X16/65 X12/115 X10/149	184
16	66	27	13	X16/111 X12/67 X10/41 X8/12	X12/64 X10/107 X8/111	151
12	52	22	10	X12/80 X10/56 X8/31 X6/1	X10/58 X8/62 X6/86	118
10	44	18	9	X10/63 X8/40 X6/7	X8/33 X6/61 X4/81	100
8	37	15	7	X8/49 X6/18 X4/1	X6/35 X4/60	83
6	29	12	6	X6/29 X4/1	X4/33	63
4	21	8	4	X4/12		45

NOTES:

1. RESTRAIN 11.25° BENDS 50% OF LENGTH FOR 22.5° BENDS.
2. ALL VALVES AND FITTINGS SHALL BE RESTRAINED TO THE CONNECTING SECTIONS OF PIPE.
3. ALL ISOLATION VALVES MUST BE PROPERLY ANCHORED OR RESTRAINED TO RESIST A 180 PSI TEST PRESSURE IN EITHER DIRECTION.
4. PIPE SIZES ARE GIVEN IN INCHES.
5. RESTRAINED PIPE LENGTHS ARE GIVEN IN FEET.
6. LENGTHS SHOWN ARE FOR A TEST PRESSURE OF 180 PSI.
7. THE RESTRAINED LENGTHS SHOWN IN THESE TABLES ARE BASED ON SOIL CLASSIFICATION SP WITH AWWA TYPE 3 TRENCH CONDITIONS, 180 PSI TEST PRESSURE, 3 FEET OF COVER AND 1.5 FACTOR OF SAFETY. ACTUAL BURY CONDITIONS MUST BE DETERMINED BY THE ENGINEER OF RECORD AND THE RESTRAINED LENGTHS MODIFIED ACCORDINGLY.
8. RESTRAINED LENGTHS TO BE APPLIED TO PIPELINES PER DETAIL RESTRAINED LENGTHS FOR PIPE.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT				
REV.BY	DATE	MAY 10, 2011 DATE OF APPROVAL	RESTRAINED LENGTHS FOR PVC PIPE	UG-8
CLB/BR	11/10			PAGE 108

REQUIRED LENGTH OF RESTRAINED JOINT PIPE FOR DIP (POLY-WRAPPED)

MAIN PIPE SIZE	HORIZ. BENDS 90°	45°	22.5°	TEES SIZE / LENGTH	REDUCERS SIZE / LENGTH	PLUGS & VALVES
36	142	59	28	X36/393 X30/318 X24/232 X20/165 X16/84 X12/1	X30/137 X24/247 X20/309 X16/359	453
30	124	51	25	X30/333 X24/252 X20/189 X16/115 X12/23 X10/1	X24/137 X20/213 X16/276	391
24	106	44	21	X24/270 X20/211 X16/143 X12/61 X10/10 X8/1	X20/98 X16/178 X12/241	327
20	92	38	18	X20/225 X16/161 X12/85 X10/39 X8/1	X16/98 X12/176 X10/227	280
16	77	32	15	X16/177 X12/107 X10/65 X8/19 X6/1	X12/98 X10/163 X8/169	231
12	61	25	12	X12/127 X10/89 X8/50 X6/1	X10/88 X8/96 X6/131	181
10	52	22	10	X10/101 X8/64 X6/11	X8/51 X6/94 X4/125	153
8	44	18	9	X8/78 X6/30 X4/1	X6/54 X4/92	128
6	34	14	7	X6/46 X4/1	X4/50	98
4	24	10	5	X4/19		69

REQUIRED LENGTH OF RESTRAINED JOINT PIPE FOR DIP (NON-WRAPPED)

MAIN PIPE SIZE	HORIZ. BENDS 90°	45°	22.5°	TEES SIZE / LENGTH	REDUCERS SIZE / LENGTH	PLUGS & VALVES
36	100	42	20	X36/163 X30/132 X24/96 X20/68 X16/35 X12/1	X30/57 X24/103 X20/128 X16/149	188
30	88	37	18	X30/138 X24/104 X20/78 X16/48 X12/10 X10/1	X24/57 X20/88 X16/114	162
24	75	31	15	X24/112 X20/87 X16/59 X12/25 X10/4 X8/1	X20/40 X16/74 X12/100	135
20	65	27	13	X20/93 X16/67 X12/35 X10/16 X8/1	X16/41 X12/73 X10/94	116
16	54	22	11	X16/73 X12/44 X10/27 X8/8 X6/1	X12/41 X10/68 X8/70	96
12	43	18	8	X12/53 X10/37 X8/21 X6/1	X10/37 X8/40 X6/54	75
10	37	15	7	X10/42 X8/26 X6/5	X8/21 X6/39 X4/52	63
8	30	13	6	X8/32 X6/12 X4/1	X6/22 X4/38	53
6	24	10	5	X6/19 X4/1	X4/21	41
4	17	7	3	X4/8		29

NOTE:

SEE RESTRAINED LENGTHS FOR PVC PIPE DETAIL FOR NOTES 1 THROUGH 8 THAT ARE ALSO APPLICABLE TO RESTRAINED LENGTHS FOR DIP.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT				
REV.BY	DATE	MAY 10, 2011 DATE OF APPROVAL	RESTRAINED LENGTHS FOR DIP	UG-9
CLB/BR	11/10			PAGE 109

UTILITY ACCOMMODATION DETAILS

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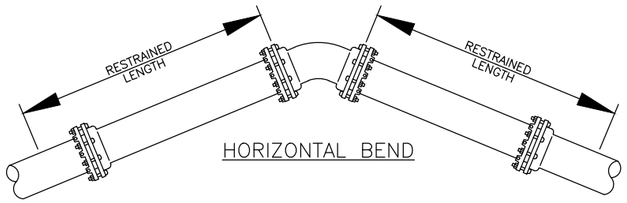
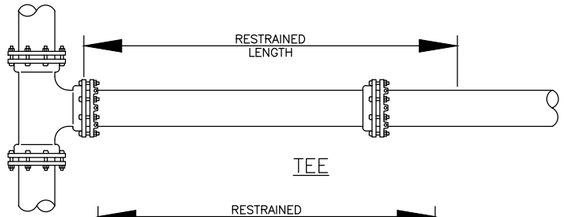
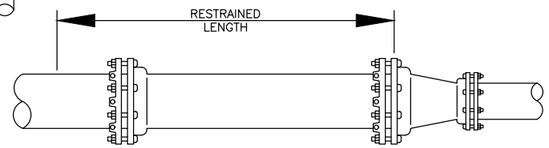


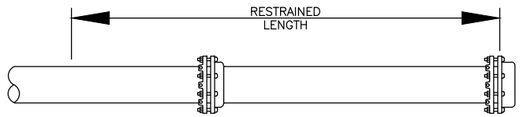
HORIZONTAL BEND



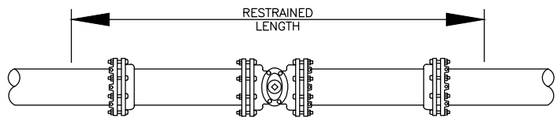
TEE



REDUCER



CAP OR PLUG

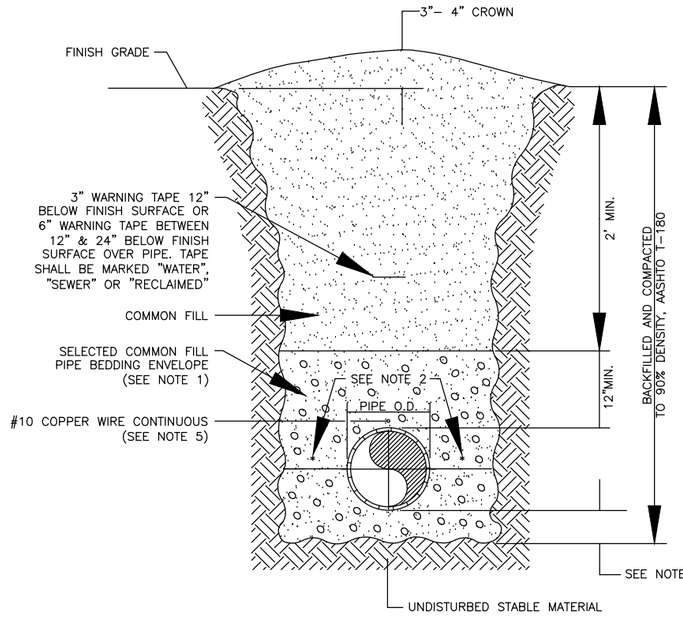


ISOLATION VALVE

MANATEE COUNTY PUBLIC WORKS DEPARTMENT				
REV.BY	DATE	MAY 10, 2011 DATE OF APPROVAL	RESTRAINED LENGTHS FOR PIPE	UG–10
CLB/BR	11/10			PAGE 110

NOTES:

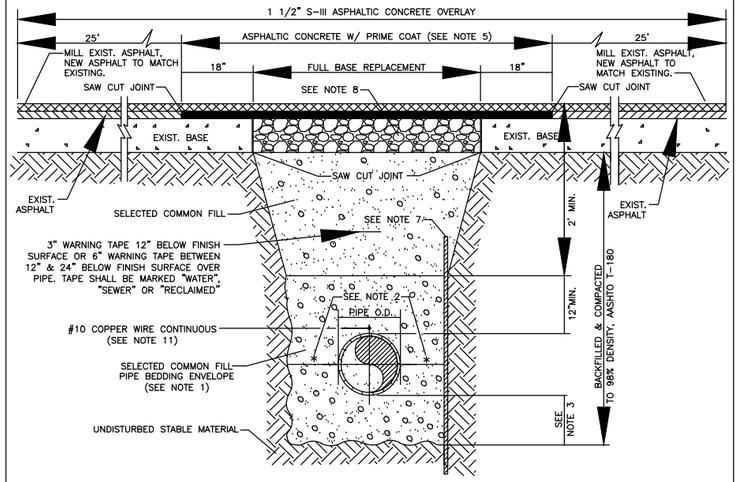
1. USE OF TYPE A–2 AND A–3 PIPE BEDDING TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. PROVIDE ADEQUATE CLEARANCE TO PLACE AND COMPACT STAGE 1 BEDDING MATERIAL IN TRENCH AREA BELOW PIPE SPRINGLINE. PIPE EMBEDMENT MUST BE COMPACTED OUT TO THE TRENCH WALL OR 2.5 TIMES THE PIPE OD, WHICHEVER IS LESS.
3. TYPICALLY 4" TO 6".
4. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
5. TRACER WIRE NOT REQUIRED FOR GRAVITY SEWERS.



MANATEE COUNTY PUBLIC WORKS DEPARTMENT				
REV.BY	DATE	MAY 10, 2011 DATE OF APPROVAL	TRENCH WITH UNIMPROVED SURFACE TYPE A–1 PIPE BEDDING	UG–11
WRT/KE	03/11			PAGE 111

NOTES:

1. USE OF TYPE A–2 AND A–3 PIPE BEDDING TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. PROVIDE ADEQUATE CLEARANCE TO PLACE AND COMPACT STAGE 1 BEDDING MATERIAL IN TRENCH AREA BELOW PIPE SPRINGLINE. PIPE EMBEDMENT MUST BE COMPACTED OUT TO THE TRENCH WALL OR 2.5 TIMES THE PIPE OD, WHICHEVER IS LESS.
3. TYPICALLY 4" TO 6".
4. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
5. ASPHALTIC CONCRETE STRUCTURE COURSE WITH PRIME COAT SHALL BE THE SAME DEPTH AND TYPE AS EXISTING OR A MINIMUM OF 1 1/4 INCH, WHICHEVER IS GREATER.
6. MILL 25' BACK FROM TRENCH SAW CUT. ADJUST MILLING PER INDIVIDUAL SITE TO NOT IMPACT BASE. BUTT JOINT TO EXIST ASPHALT. FINAL OVERLAY LIMITS ARE FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT. FINAL OVERLAY TO MATCH EXISTING WITH NO DISCERNABLE "BUMP" AT JOINT. MILLING LIMITS THAT IMPACT INTERSECTION SHALL BE ADDRESSED ON A CASE BY CASE BASIS AND APPROVED BY MANATEE COUNTY.
7. SHEETING ORDERED LEFT IN PLACE TO BE CUT OFF 24" BELOW FINISHED GRADE OR 12" BELOW SUBGRADE.
8. BASE SHALL BE 8" MINIMUM THICKNESS CRUSHED CONCRETE.
9. TEMPORARY PATCHES WILL BE INSTALLED TO PROVIDE A SMOOTH ALL WEATHER SURFACE AT ALL TIMES. PERMANENT REPLACEMENT TO BE MADE AS SOON AS POSSIBLE.
10. RESTORE SIGNAGE & MARKING WITH THERMOPLASTIC PER FDOT STANDARDS, LATEST EDITION.
11. TRACER WIRE NOT REQUIRED FOR GRAVITY SEWERS.
12. NOTES 5. THRU 10. ARE MINIMUM REQUIREMENTS FOR A TRENCH IN A ROAD. REFER TO LATEST EDITION OF MANATEE COUNTY HIGHWAY AND TRAFFIC STANDARDS FOR ADDITIONAL REQUIREMENTS.

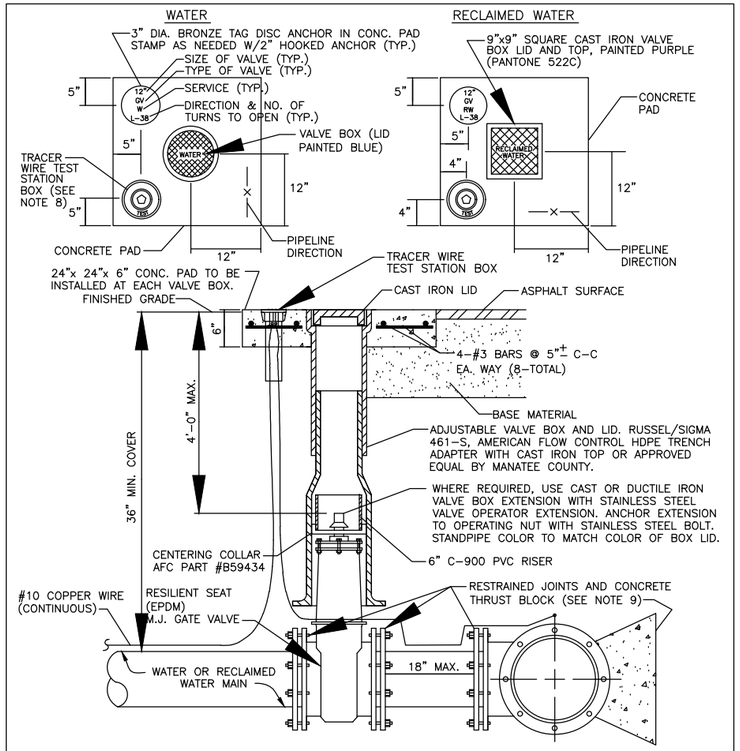


MANATEE COUNTY PUBLIC WORKS DEPARTMENT				
REV.BY	DATE	MAY 10, 2011 DATE OF APPROVAL	TRENCH WITH ASPHALT PAVEMENT SURFACE TYPE A–1 PIPE BEDDING	UG–12
WRT/KE	03/11			PAGE 112

UTILITY ACCOMMODATION DETAILS

ELLENTON GILLETTE ROAD

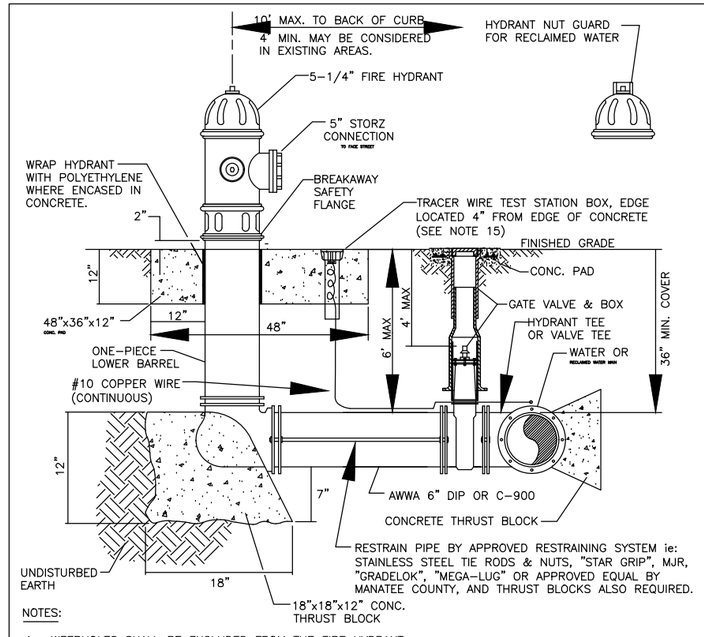
REVISIONS	LOMBARDO, FOLEY & KOLARIK, INC. Consulting Engineers, Surveyors and Planners P.O. Box 188 • 825 4th Street West • Palmetto, Florida 34221 • (941) 722-4561			
	PROJECT ENGINEER JOHN R. FOLEY 38630 P.E. REG. NO.	DESIGN J.R.F. DRAWN P.G. APPR. J.R.F.	DATE 11/10/14 SCALE NONE JOB NO. 7865	SHEET NO. 172 / 174



NOTES:

1. "WV" OR "RWV" TO BE IMPRESSED INTO THE NEWLY-POURED CONCRETE CURB, ALONG WITH DISTANCE IN FEET TO THE VALVE. IF NO CURB, INSTALL A BLUE DISC WITH "WV" OR PURPLE DISC WITH "RWV" AND A 1/8"x1" GALVANIZED STEEL SCREW IN THE EDGE OF PAVEMENT WITH THE FOOTAGE FROM THE DISC TO THE VALVE.
2. ALL EXISTING AND PROPOSED VALVE BOXES SHALL BE ADJUSTED TO FINISHED GRADES AS DETERMINED IN THE FIELD.
3. WATER VALVES SHALL NOT BE PLACED IN HANDICAPPED RAMPS.
4. PRECAST CONCRETE PADS & THRUST BLOCKS SHALL NOT BE USED.
5. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1/2".
6. FOR VALVES 16" AND LARGER, USE BUTTERFLY VALVES.
7. PIPELINE DIRECTION TO BE IMPRESSED INTO NEWLY POURED CONCRETE PAD.
8. TRACER WIRE TEST STATION BOX IS NOT REQUIRED IN VALVE BOX PAD IF THE GATE VALVE IS LOCATED WITHIN 200 FEET OF A WATER SERVICE, BLOW-OFF, BACKFLOW PREVENTER OR FIRE HYDRANT THAT HAS A TRACER WIRE BOX.
9. WHERE THRUST BLOCK NOT USED, RESTRAINED JOINTS MUST THEN EXTEND FROM TEE FULL LENGTH SPECIFIED FOR "TEES."
10. BINGHAM & TAYLOR P200NFG FOR NORMAL YARD SERVICE. WHERE VALVE WILL BE IN STREET OR PARKING UNDER VEHICLE TRAFFIC, USE P525RD CENTERED IN SEPARATE CONCRETE PAD SIMILAR TO STANDARD VALVE BOX PAD.

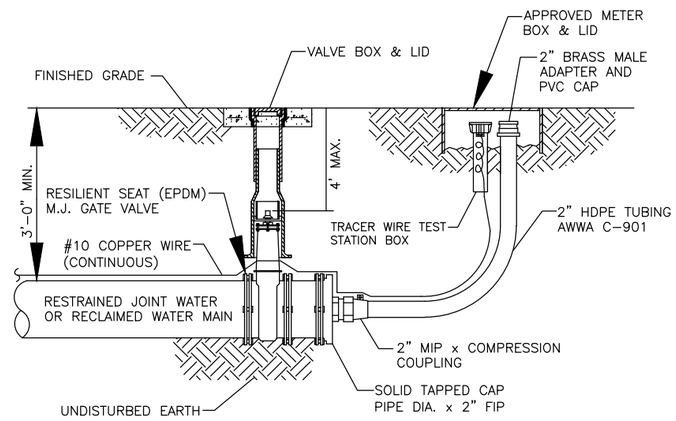
MANATEE COUNTY PUBLIC WORKS DEPARTMENT				
REV.BY	DATE		GATE VALVE, BOX, LID AND TAG	UW-2
CLB/KE	11/10			
		MAY 10, 2011		
		DATE OF APPROVAL		PAGE 120



NOTES:

1. WEEPHOLES SHALL BE EXCLUDED FROM THE FIRE HYDRANT.
2. FIRE HYDRANTS SHALL BE A MINIMUM OF 6' OFF EDGE OF PAVEMENT AND 10' MAX. FROM BACK OF CURB. WHERE POSSIBLE AND WHERE SIDEWALK IS TO BE INSTALLED, FIRE HYDRANT SHALL BE LOCATED BETWEEN SIDEWALK AND RIGHT-OF-WAY LINE.
3. HYDRANTS SHALL BE FUSION BONDED EPOXY COATED SAFETY YELLOW FOR WATER AND PURPLE (PANTONE 522C) FOR RECLAIMED WATER. HYDRANT SHALL BE DUCTILE IRON CONSTRUCTION.
4. FIRE HYDRANTS SHALL BE PLACED SO THAT STORM WATER FLOWS AWAY FROM THE HYDRANT.
5. FIRE HYDRANTS SHALL BE CONSTRUCTED WITH "GROUND LINE" SET TO FINISHED GRADES AS ESTABLISHED IN THE FIELD. NORMAL BURY IS 3 FEET OF COVER FOR ALL WATER LINES.
6. FIRE HYDRANTS MAY BE CONSTRUCTED WITH "GRADELOK" OFFSET FITTING.
7. RAISED REFLECTIVE PAVEMENT MARKER (BLUE) FOR POTABLE WATER (PURPLE) FOR RECLAIMED WATER. SHALL BE INSTALLED AT CENTERLINE OF PAVEMENT ADJACENT TO EACH HYDRANT.
8. PRECAST CONCRETE THRUST BLOCKS & PADS SHALL NOT BE USED.
9. ALL EXPOSED EDGES OF CONCRETE SHALL HAVE 1/2" CHAMFER.
10. FIRE HYDRANT VALVE SHALL BE FASTENED DIRECTLY TO TEE.
11. IN-LINE VALVES SHOULD BE LOCATED AT HYDRANT TEES.
12. HYDRANTS SHALL BE LOCATED ON SAME SIDE OF ROAD AS WATER MAIN UNLESS OTHERWISE APPROVED.
13. THERE MUST BE A CLEARANCE OF 7 1/2 FEET FROM FRONT AND BOTH SIDES, AND FOUR FEET TO THE REAR OF THE HYDRANT, TO ABOVE GRADE OBSTRUCTIONS INCLUDING POSTS, FENCES, TREES, ETC, PER THE FLORIDA FIRE PREVENTION CODE.
14. SEE STANDARD DETAIL GATE VALVE, BOX, LID AND TAG.
15. SHOULD THE FIRE HYDRANT'S CONCRETE PAD OVERLAP THE SIDEWALK, THE TRACER WIRE TEST STATION BOX SHALL NOT BE LOCATED WITHIN THE SIDEWALK.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT				
REV.BY	DATE		FIRE HYDRANT ASSEMBLY	UW-5
CLB/KE	11/10			
		MAY 10, 2011		
		DATE OF APPROVAL		PAGE 123



NOTE:

1. SEE STANDARD DETAIL GATE VALVE, BOX, LID AND TAG.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT				
REV.BY	DATE		2" BLOW-OFF ASSEMBLY FOR 10" MAINS AND SMALLER	UW-7
CLB/KE	11/10			
		MAY 10, 2011		
		DATE OF APPROVAL		PAGE 125

UTILITY ACCOMMODATION DETAILS

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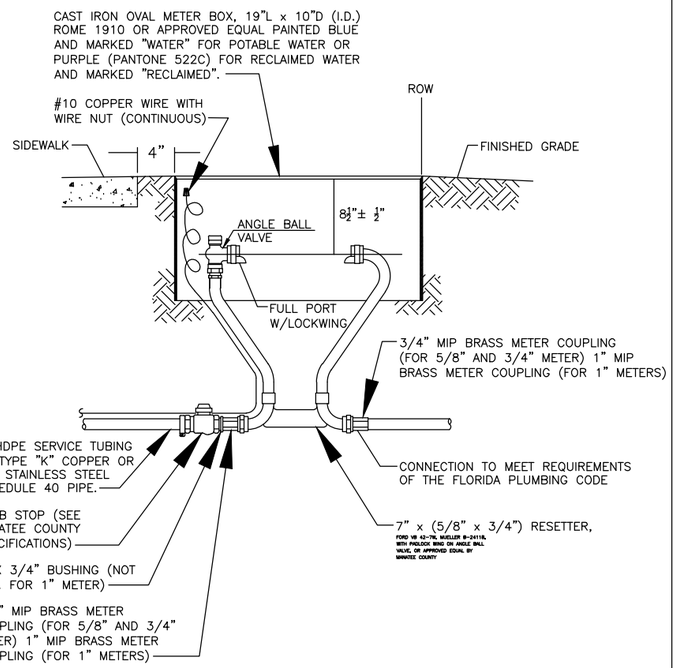
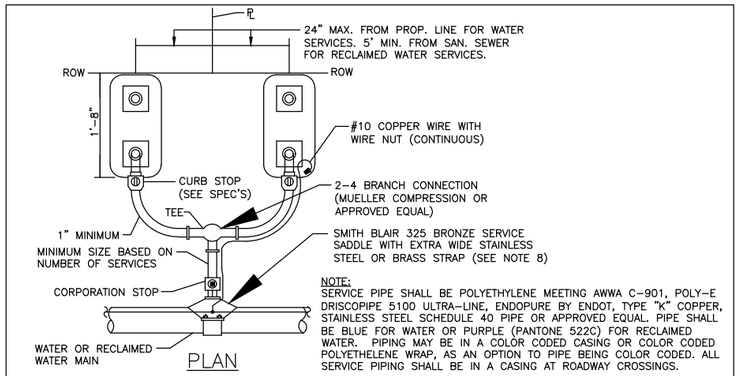


NOTES:

1. FORD 40 SERIES RESETTERS VB43 AND VB44 OR EQUAL FOR 3/4" OR 1" METERS ALSO ALLOWED.
2. METER BOX AND RESETTER ARE TO BE INSTALLED BY THE INFRASTRUCTURE CONTRACTOR AND SHALL NOT BE SET IN DRAINAGE SWALES, SIDEWALKS OR DRIVEWAYS.
3. FOR COMPLETE SERVICE CONNECTION ASSEMBLY, SEE DETAIL TYPICAL SERVICE CONNECTION.
4. WHEN THE DISTANCE BETWEEN THE EDGE OF THE SIDEWALK AND THE R/W IS ONE FOOT (CUL-DE-SAC W/ MEDIAN) A 10-FOOT-WIDE PUBLIC UTILITY EASEMENT SHALL BE LOCATED IN THE FRONT OF THE LOTS, ADJACENT TO THE ROW.
5. 3' MINIMUM CLEARANCE FROM LANDSCAPING PLANTS TO EDGE OF METER, CLEAR ACCESS OPENING TO STREET.

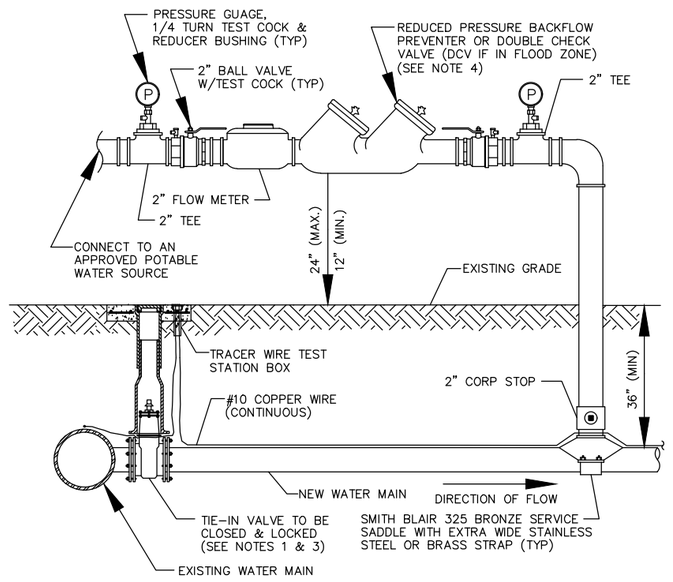
MANATEE COUNTY PUBLIC WORKS DEPARTMENT				
REV.BY	DATE	MAY 10, 2011 DATE OF APPROVAL	METER BOX ASSEMBLY FOR 5/8" X 3/4", 3/4" & 1" METERS	UW-17 PAGE 135
CLB/BR	11/10			



NOTES:

1. ALL SERVICE TAPS TO BE LOCATED IN THE FIELD. TAPS SHALL BE NO CLOSER THAN 2'-0" STAGGERED INTERVALS OR WITHIN 2'-0" FROM BELL OR SPIGOT ENDS.
2. METER BOXES & RESETTERS ARE TO BE INSTALLED BY THE INFRASTRUCTURE CONTRACTOR AND SHALL NOT BE SET IN DRAINAGE SWALES, SIDEWALKS OR DRIVEWAYS.
3. "WM" OR "RWM" TO BE IMPRESSED INTO THE NEWLY POURED CONCRETE CURB ALONG WITH DISTANCE IN FEET TO THE METER. IF NO CURB, INSTALL A BLUE DISC WITH "WM" OR A PURPLE DISC WITH "RWM" AND A 1 1/8"x 1" GALVANIZED STEEL SCREW IN THE EDGE OF PAVEMENT WITH THE DISTANCE (IN FEET) FROM THE DISC TO THE METER.
4. #10 COPPER WIRE SHALL BE INSTALLED WITH WATER AND RECLAIMED MAIN AND ALL SERVICES. SERVICE WIRE SHALL BE CONNECTED TO THE TRACER WIRE ALONG THE MAIN.
5. WATER AND RECLAIMED WATER SERVICE LINES TO BE 5' MINIMUM FROM SEWER SERVICE WYES.
6. FOR 2" SERVICES REPLACE CORPORATION STOP WITH 2" RESILIENT WEDGE FIP GATE VALVE W/BOX, LID & TAG.
7. WHEN THE DISTANCE BETWEEN THE EDGE OF THE SIDEWALK AND THE ROW IS ONE FOOT (CUL-DE-SAC W/MEDIAN) A 10-FOOT-WIDE PUBLIC UTILITY EASEMENT SHALL BE LOCATED IN THE FRONT OF THE LOTS, ADJACENT TO THE ROW.
8. FOR HDPE MAINS, USE ROMAC 306H SS OR CENTRAL PLASTICS ELECTRO FUSION CORP SADDLE.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT				
REV.BY	DATE	MAY 10, 2011 DATE OF APPROVAL	TYPICAL SERVICE CONNECTION	UW-19 PAGE 137
CLB/BR	11/10			



PROFILE

NOTES:

1. FOR TIE-IN VALVE, SEE DETAIL UW-4 FOR TAPPING SLEEVE VALVE, DETAIL UW-2 FOR GATE VALVE AND DETAIL UW-3 FOR BUTTERFLY VALVE.
2. CORPORATION STOP CONNECTIONS TO WATER MAINS SHALL BE AT A SUFFICIENT DISTANCE FROM NEW TAPPING SLEEVE & VALVE (TIE-IN VALVE). ALL CORPORATION STOP TAPS SHALL BE PLACED NO CLOSER THAN 30" OR A DISTANCE EQUAL TO (1) MAIN PIPE DIAMETER PLUS (2) TAP DIAMETERS (WHICHEVER IS LARGER) FROM THE NEW TIE-IN VALVE (TAPPING VALVE & SLEEVE). A CROSS MAY BE INSTALLED IF THE EXISTING WATER MAIN IS NOT LARGER THAN THE NEW WATER MAIN.
3. IF THE EXISTING WATER MAIN IS LOCATED UNDER PAVEMENT OR CLOSE TO THE ROADWAY, BOTH JUMPER CORPORATION STOPS MAY CONNECT TO THE NEW WATER MAIN LOCATED OUTSIDE OF THE PAVEMENT. AN ADDITIONAL GATE VALVE OR BUTTERFLY VALVE SHALL BE INSTALLED AND THE VALVE MAY BE LOCATED AT THE ROW LINE. PIPING AND APPURTENANCES BETWEEN THE EXISTING MAIN AND ISOLATION VALVE AND JUMPER SHALL BE DISINFECTED BY SPRAYING OR SWABBING.
4. BACKFLOW PREVENTER SHALL BE STRUCTURALLY SUPPORTED.
5. SEE DETAIL UW-22 FOR ADDITIONAL JUMPER CONNECTION NOTES.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT				
REV.BY	DATE	MAY 10, 2011 DATE OF APPROVAL	TEMPORARY JUMPER CONNECTION	UW-21 PAGE 139
WT/KE	01/11			

UTILITY ACCOMMODATION DETAILS
ELLENTON GILLETTE ROAD

REVISIONS

LOMBARDO, FOLEY & KOLARIK, INC.
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PROJECT ENGINEER
JOHN R. FOLEY
38630
P.E. REG. NO.

DESIGN J.R.F. DATE 11/10/14
DRAWN P.G. SCALE NONE
APPR. J.R.F. JOB NO. 7865

SHEET NO. 174 / 174