

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ENLARGED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.



PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
1022 26th Avenue East, Bradenton, FL 34208

ROWLETT ELEMENTARY SCHOOL SIDEWALK PHASE VII 9TH ST. EAST TO 15TH ST. EAST

MARCH 2017

ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
COVER SHEET

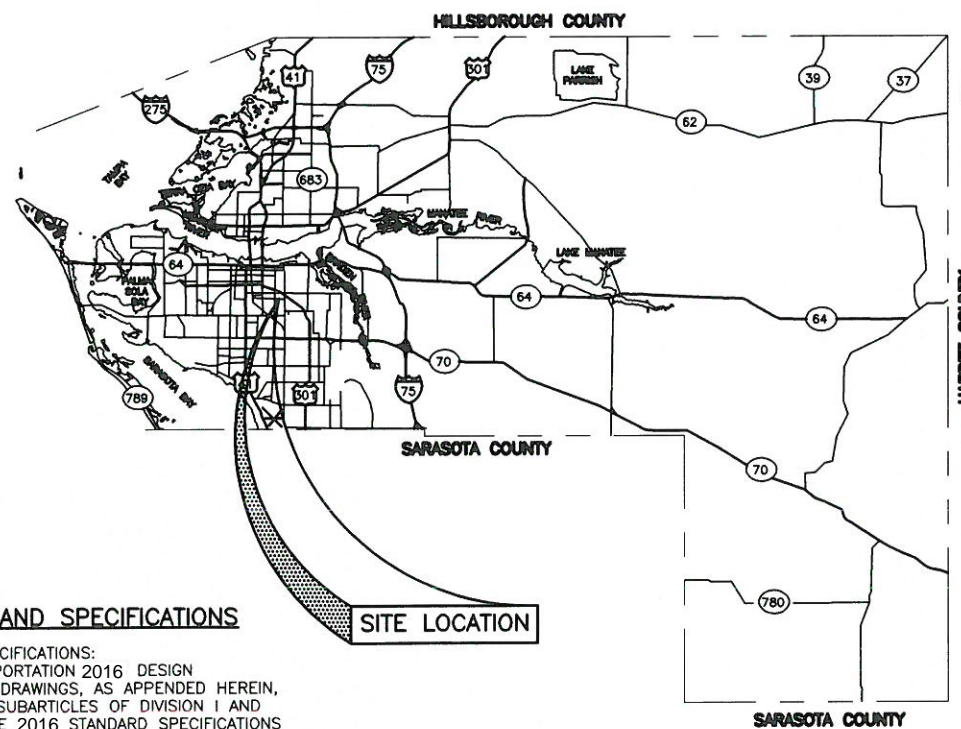
100% PLANS

NO.	INDEX OF SHEETS
1	COVER SHEET
2	QUANTITY SHEET
3-4	GENERAL NOTES & LEGEND
5-9	PLAN VIEW
10-25	CROSS SECTIONS
26-28	DETAILS
29-33	EROSION CONTROL
34	BEST MANAGEMENT
35-39	UTILITY ADJUSTMENT
H1-H5	HORIZONTAL & VERTICAL CONTROL



VICINITY MAP
N.T.S.

PROJECT SITE



SITE LOCATION

RELATED STANDARDS AND SPECIFICATIONS

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION 2016 DESIGN STANDARDS AND REVISED INDEX DRAWINGS, AS APPENDED HEREIN, AND APPLICABLE ARTICLES AND SUBARTICLES OF DIVISION I AND ALL OF DIVISIONS II & III OF THE 2016 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AS AMENDED BY CONTRACT DOCUMENTS.

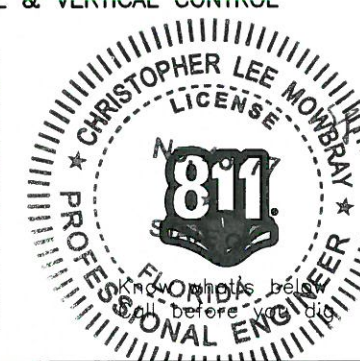
FOR DESIGN STANDARDS CLICK ON THE "DESIGN STANDARDS" LINK AT THE FOLLOWING WEB SITE:
[HTTP://WWW.DOT.STATE.FL.US/RDDDESIGN/](http://www.dot.state.fl.us/RDDDESIGN/)

FOR THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION CLICK ON THE "SPECIFICATIONS" LINK AT THE FOLLOWING WEB SITE:
[HTTP://WWW.DOT.STATE.FL.US/SPECIFICATIONSOFFICE/](http://www.dot.state.fl.us/SPECIFICATIONSOFFICE/)

PROJECT DESCRIPTION

INSTALL A SIDEWALK ON THE SOUTH SIDE OF 30TH AVE. EAST FROM 9TH ST. EAST TO 15TH ST. EAST. AND DRAINAGE IMPROVEMENTS

KEY SHEET REVISIONS	
DATE	DESCRIPTION



NO.	REVISION DESCRIPTION	BY	DATE

PROJECT # 323-6044160
SURVEY # 000
SEC./TWN./RGE 01-35-17E
SCALE
SURVEYED ----- 00/00/00
DESIGNED AAM 7-15-10
DRAWN GB 2-15-11
CHECKED SF 3-28-17
CHRIS L. MOWBRAY, P.E.
FLORIDA P.E. # 46777
Chris
3/30/17
Signature & Date
SHEET 1

S:\PWD_Engineering_Change_Visibility_Engineering\PROJECTS\30th_Ave_E-27th-St-E-to-15th-St-E\DWG\Master_Plan\Plan\Manatee_print_file.dwg, Cover, 3/29/2017 7:42 AM Thom Forrester, 11, 11 x 17



PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
1022 26th Avenue East, Bradenton, FL 34208

**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
QUANTITY SHEET**

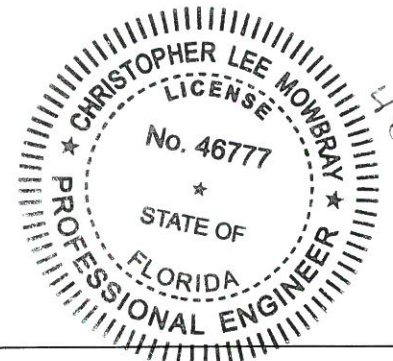
LINE NO.	ITEM NO.	DESCRIPTION	EST. QTY	U/M
1.	101-1	Mobilization	1.00	LS
2.	102-1-1	Maintenance of Traffic	1.00	LS
3.	104-10-3	Sediment Barrier (Incl's Silt Fence and Synthetic Bales)	2,330	LF
4.	104-18	Inlet Protection System	53	EA
5.	110-7-1	Mailbox, F&I Single	22	EA
6.	110-2-1	Clearing & Grubbing	1.20	AC
7.	120-1	Regular Excavation	544.00	CY
8.	120-4	Subsoil Excavation	500	CY
9.	120-6	Embankment (Regular)	441.00	CY
10.	0327-7071	Milling Exist. Asph, 1" avg Depth	189.00	SY
11.	337-MC	1" Type S-III Asphalt	11.00	TN
12.	425-MC	Grate Inlet	13.00	EA
13.	425-MC	Drop inlet	15.00	EA
14.	425-MC	Curb Inlet	13.00	EA
15.	425-MC	Junction Box Top to be Adjusted	1	EA
16.	425-MC	Inlets, Closed Flume, Modified	6	EA
17.	425-14-89	Inlets Curb, Ditch Bot, Type J <10' (4'x9') J Bot, Modified	1	EA
18.	425-16-09	Inlets, Type J <10' (6'x10') J Bot, Modified	1	EA
19.	430-174-115	Pipe Culvert (RCP)(15")	225.00	LF
20.	430-174-215	Pipe Culvert (ERCP) (12"x18")	996.00	LF
21.	430-174-201	Pipe Culvert (ERCP) (14"x23")	240.00	LF
22.	0515-1-2	Handrail (Aluminum)	30.00	LF
23.	520-1-10	Type F Curb & Gutter	1,549	LF
24.	520-MC	Miami Curb&Gutter	565.00	LF
25.	522-1	Concrete sidewalk 4" thick	1,900.00	SY
26.	522-2	Concrete Driveway 6" thick	608.00	SY
27.	550-MC	Existing Fence to be relocated or reinstall new CLF	297	LF
28.	550-MC	Existing Fence to be relocated or reinstall new Wood Fence	106	LF
29.	570-1-2	Performance Turf (Bahia Sod)	1,963.00	SY
30.	700-1-50	Single Post Sign, Relocate	5.00	AS
31.	711-11-111	Thermoplastic, Standard, White Solid, 6"	0.37	NM
32.	711-11-123	Thermoplastic, Standard, White Solid, 12"	210.00	LF
33.	711-11-125	Thermoplastic, Standard, White Solid, 24"	31.00	LF
SUBTOTAL ROADWAY				
34.	U-1	Replace Water Service Line from saddle to meter box	1	EA
35.	U-2	Adjust meter box to finished grade	18	EA
36.	U-3	Replace Water Service Saddle	1	EA
37.	U-4	Asphalt Road Restoration (Base & Resurface)	140	SY
38.	U-5	Asphalt Road Restoration (Mill & Overlay)	280	SY
39.	U-6	Replace Exist Meter Box	5	EA
40.	U-7	Relocate Waterline 6" & 4" Dia. DI CL 350 incl DI fittings & Restraints	45	LF
41.	U-8	Relocate Force Main 6" PVC DR 18 incl. DI fittings & Restraints	120	LF
42.	U-9	Adjust/Relocate Sewer Cleanout (Vertical and/or Horizontal up to 6LF)	18	EA
43.	U-10	Install Sewer Cleanout Casting Ring & Cover	5	EA
44.	U-11	Relocate Sewer Service 6" PVC, up to 45 LF, complete	2	EA

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	000
SEC./TWN./RGE	01-35-17E
SCALE	

	BY	DATE
SURVEYED	----	00/00/00
DESIGNED	AAM	7-15-10
DRAWN	GB	2-15-11
CHECKED	SF	3-28-17

CHRIS L. MOWBRAY, P.E.
FLORIDA P.E. # 46777
Chris L. Mowbray
3/30/17
Signature & Date



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PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
1022 26th Avenue East, Bradenton, FL 34208

**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
GENERAL NOTES & LEGEND**

GENERAL

- ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE PROJECT MANAGEMENT DIVISION. THE PROJECT MANAGER IS: ANTHONY BENITEZ AND CAN BE REACHED AT (941) 708-7450; EXT. 7333.
- SITE VISITS ARE MANDATORY FOR ALL BIDDERS. THESE SITE VISITS CAN BE ARRANGED THROUGH THE PROJECT MANAGER.
- 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.
- 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).
- 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.
- 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.
- 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.
- 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.
- NO WORK, EXCEPT FOR EMERGENCY TYPE, SHALL BE PERFORMED AFTER 7:00 PM AND BEFORE 7:00 AM. FOR ADDITIONAL PROJECT RESTRAINTS, REFER TO SECTION 01310 OF THE SPECIFICATIONS.
- ALL STATIONS AND OFFSETS REFER TO BASELINE OF CONSTRUCTION, UNLESS OTHERWISE NOTED.
- THE CONSTRUCTION LENGTHS IN THESE PLANS ARE APPROXIMATE. ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
- 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.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN CONTRACTOR AND ALL UTILITY AGENCIES.
NOTE:
THIS INCLUDED MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTORS CONSTRUCTION SCHEDULE. (REFERENCE CONTRACT DOCUMENTS)
- 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 SATISFACTORY OF THE COUNTY PROJECT MANAGER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
- ALL CONSTRUCTION WITHIN FDOT RIGHT-OF-WAY IS TO BE IN ACCORDANCE WITH CURRENT FDOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION AND THE DESIGN STANDARDS.
- ALL SIGNING, STRIPING AND RPM PLACEMENT WITHIN THE FDOT RIGHT-OF-WAY IS TO BE IN ACCORDANCE WITH FDOT STANDARD INDEX 17346.

SAFETY

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

ENVIRONMENTAL

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- ALL EROSION AND POLLUTION CONTROL DEVICES SHALL BE CHECKED REGULARLY, ESPECIALLY AFTER EACH RAINFALL AND SHALL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED.
- 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.

30. FOR MORE INFORMATION, SEE THE EROSION CONTROL DETAIL SHEET INCLUDED IN THE PLANS.
RIGHT-OF-WAY

- ALL CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO WITHIN THE MANATEE COUNTY/FDOT RIGHT-OF-WAY AND/OR EASEMENTS SHOWN ON THE DRAWINGS.
- 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.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL DAMAGED STORM WATER STRUCTURES, PIPING, ENTRANCE PIPE AND HEADWALLS, THAT ARE TO REMAIN, WHETHER SHOWN ON THE PLANS OR NOT.
- 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 PROJECT MANAGEMENT AND ZOLLAR NAJJAR & SHROYER UNDER COUNTY PROJECT NO'S 334-6001060 AND 319-6045661. REFER TO THE ORIGINAL SIGNED AND SEALED SURVEY CONTROL SHEETS IN THE PROJECT FILE.
- 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.
- 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

- 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 VWH 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.
- 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 COUNTY.
- 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.
- 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.
- A FLORIDA POWER AND LIGHT SPECIAL PROVISION IS THAT THE TYPE OF EQUIPMENT USED IN THE INSTALLATION OF MAST ARMS/FOUNDATIONS, OVERHEAD/CANTILEVER SIGNS/FOUNDATIONS, AND THE MOVEMENT/INSTALLATION OF STRAIN POLES SHALL MEET THE FOLLOWING REQUIREMENTS: 1) OVERHEAD LINES SHALL STAY IN PLACE BOTH VERTICALLY AND HORIZONTALLY 2) CONTRACTOR SHALL MEET ALL APPLICABLE OSHA REQUIREMENTS (SEPARATION SHALL FOLLOW FPL GUIDELINES). ANY COST ASSOCIATED WITH THIS TYPE OF EQUIPMENT REQUIRED FOR THIS INSTALLATION IS INCLUDED IN THE RELATED PAY ITEMS. PLEASE REFER TO THE SPECIAL CONDITIONS IN THE UTILITY WORK SCHEDULE AND UTILITY COORDINATION.
- 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.
- 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

- ALL CONSTRUCTION IS TO BE STAKED IN THE FIELD BY OR UNDER THE SUPERVISION OF A FLORIDA REGISTERED LAND SURVEYOR.
- 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 (SWFWM) 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, UNDERDRAIN AND CONTROL STRUCTURES, SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR AND REVIEWED BY THE ENGINEER OF RECORD PRIOR TO ACCEPTANCE AND PAYMENT. RECORD DRAWINGS OF ALL MITIGATION AREAS INCLUDING ELEVATIONS, ZONES AND LIMITS SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR AND REVIEWED BY THE ENGINEER OF RECORD PRIOR TO ACCEPTANCE AND PAYMENT. THE RECORD DRAWINGS SHALL SPECIFICALLY INCLUDE THE SURFACE AREA OF STORMWATER FACILITY AREAS AT NORMAL WATER), TOP OF BANK AND ELEVATION (HWL), AT HIGH WATER ELEVATION (HML ALL MITIGATION AND/OR LITTORAL SHELF AREAS.
- 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.
- 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.

- TOPOGRAPHIC AND PROPERTY SURVEYS GIVING LOT SIZE, GROUND ELEVATIONS, OBSTRUCTIONS ON SITE, LOCATIONS AND DEPTHS OF SEWERS, CONDUITS, PIPES, EXISTING STRUCTURES, CURBS, PAVEMENTS, TRACTS, AND SOIL BORING DATA GIVING THE NATURE OF GROUND AND SUBSURFACE CONDITIONS HAVE BEEN OBTAINED FROM RELIABLE SOURCES. THE ACCURACY OF THIS DATA IS NOT GUARANTEED, AND IS FURNISHED SOLELY AS AN ACCOMMODATION TO THE CONTRACTOR. USE OF THIS DATA SHALL BE MADE AT THE CONTRACTOR'S DISCRETION. NO ADDITIONAL COMPENSATION WILL BE GRANTED DUE TO THE CONTRACTOR'S LACK OF KNOWLEDGE OF SITE CONDITIONS. PRIOR TO BID SUBMISSION, THE CONTRACTOR SHALL CONDUCT ANY ADDITIONAL SURVEYS AND SOILS TESTS HE MAY DEEM NECESSARY TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED.
- THE CONTRACTOR SHALL VERIFY TOPOGRAPHY AND SATISFY HIMSELF AS TO THE EXTENT OF FILL NECESSARY TO ACHIEVE FINISHED GRADE PRIOR TO AWARD OF CONTRACT. THERE SHALL BE NO CLAIM FOR EXTRAS NOTWITHSTANDING SITE PLAN REVISIONS PROMULGATED SUBSEQUENT TO AWARD OF CONTRACT.
- SUITABLE FILL MATERIAL FROM EXCAVATION SHALL BE UTILIZED FOR PROJECT FILL PER GRADING SPECIFICATIONS. UNSUITABLE MATERIAL SHALL BE PLACED IN OPEN AREAS ONLY AS DIRECTED BY THE PROJECT ENGINEER AND SOILS ENGINEER IN ACCORDANCE WITH FDOT INDEX 505.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL STRUCTURES PRIOR TO INSTALLATIONS.
- REFER TO CONSTRUCTION TECHNICAL SPECIFICATIONS FOR COMPACTION REQUIREMENTS, GRASSING/SODDING REQUIREMENTS, AND PAVING CONSTRUCTION MATERIAL SPECIFICATIONS.
- ALL FILL AREAS ARE TO BE CONSTRUCTED IN 12" MAXIMUM LIFTS.
- THE CONTRACTOR SHALL REVIEW SOILS TESTS AS PERFORMED BY THE SOIL CONSULTANT AND IS ENCOURAGED TO CONDUCT ON-SITE TESTING TO SATISFY HIMSELF AS TO ACTUAL LIMITS OF REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIALS PRIOR TO BIDDING.
- ON SLOPES GREATER THAN 3:1 PEGGING OR PINNING OF SOD MAY BE REQUIRED.
- 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.
- ALL CURB INLET AND JUNCTION BOX STORMWATER STRUCTURES SHALL HAVE HEAVY DUTY RING AND COVER MANHOLE ACCESS. ALL DRAINAGE BOXES SHALL HAVE A WALL THICKNESS OF 6" MINIMUM.
- 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.

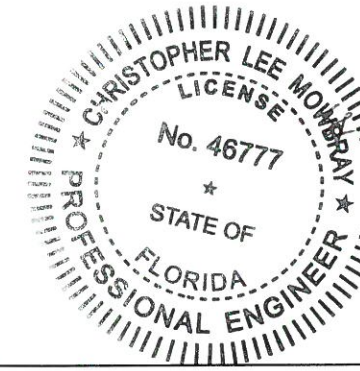
REVISION	DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=20'

	BY	DATE
SURVEYED	-	06-07-10
DESIGNED	AAM	07-15-10
DRAWN	MMW/GRF	08-10-10
CHECKED	SF	3-28-17

CHRIS L. MOWBRAY, P.E.
FLORIDA P.E. # 46777

Chris Mowbray
3/30/19
Signature & Date



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**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
GENERAL NOTES & LEGEND**

88. ALL STRUCTURES WITH TRAFFIC BEARING LIDS ARE LABELED (T.B.) ON THE PLAN VIEW. FOLLOW MANATEE COUNTY STANDARD 202.5.
89. ALL DRIVEWAYS SHALL BE INSTALLED PER PLAN VIEW DIMENSIONS AND MINIMUM 12' WIDE FOR RESIDENTIAL AND 24' WIDE MINIMUM FOR COMMERCIAL.

RESTORATION

- 60. ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS SHOWN OTHERWISE.
- 61. ALL DISTURBED GRASSED AREAS SHALL BE SODDED. THE TYPE OF SOD USED TO REPLACE OWNER MAINTAINED AREAS IN RIGHT-OF-WAY SHALL BE COORDINATED WITH THE PROPERTY OWNER. ALL EXISTING SHRUBS, TREES, PLANTINGS AND OTHER VEGETATION, OUTSIDE OF RIGHT-OF-WAY DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH EQUIVALENT MATERIAL BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 62. CONCRETE DRIVEWAYS OR SIDEWALKS THAT ARE CUT SHALL BE RESTORED TO MATCH EXISTING ACCORDING TO THE CURRENT EDITIONS OF THE F.D.O.T. SPECIFICATIONS FOR ROAD AND BRIDGE DESIGN, SECTION 522, AND SECTION 310 OF THE F.D.O.T. DESIGN STANDARDS LATEST REVISION.
- 63. WHENEVER A PERMANENT ROADWAY SURFACE IS NOT PLACED IMMEDIATELY AFTER BACKFILLING AND COMPACTION OF THE NEWLY INSTALLED PIPE LINE IN AREAS WHERE TRAFFIC MUST PASS, THE CONTRACTOR SHALL INSTALL A TEMPORARY SURFACE CONSISTING OF NINE INCHES OF COMPACTED LIME ROCK BASE AND A COAT OF ASPHALT EMULSION. PERMANENT ROADWAY REPAIR SHALL BE PERFORMED A MAXIMUM OF TWENTY-ONE CALENDAR DAYS AFTER THE INITIAL OPEN CUTTING.
- 64. RESTORATION OF CURBS, DRIVEWAYS, SIDEWALKS, AND PLACEMENT OF SOD SHALL BE COMPLETED WITHIN FORTY-FIVE CALENDAR DAYS OF INITIAL DISTURBANCE, OR TWENTY-ONE CALENDAR DAYS OF SUBSTANTIAL COMPLETION, WHICHEVER OCCURS FIRST.

CONSTRUCTION

- 65. THE EXHAUST SYSTEM OF ALL GASOLINE AND DIESEL ENGINES SHALL BE EQUIPPED WITH MUFFLERS THAT MEET THE EQUIPMENT MANUFACTURER'S REQUIREMENTS FOR NOISE SUPPRESSION. THE CONTRACTOR SHALL INSTALL NOISE ABATEMENT BAFELS POSITIONED TO BREAK LINE-OF-SITE FROM THE NOISE SOURCE TO AFFECTED RESIDENCES, AS APPROVED BY THE ENGINEER.
- 66. NO MATERIAL SHALL BE STOCKPILED IN ROADWAYS. ALL DIRT AND DEBRIS SHALL BE REMOVED FROM THE JOB SITE DAILY. ROADS SHALL BE SWEEPED DAILY AS PART OF DAILY CLEAN UP.
- 67. THE CONTRACTOR IS TO CONTROL ALL FUGITIVE DUST ORIGINATING ON THIS PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.
- 68. INGRESS AND EGRESS TO ALL THE PROPERTIES IN THE CONSTRUCTION AREA SHALL BE MAINTAINED AT ALL TIMES.
- 69. PRIOR APPROVAL WILL BE REQUIRED FOR REMOVAL OF ANY TREE WITHIN THE CONSTRUCTION AREA, UNLESS OTHERWISE NOTED ON THE PLANS.
- 70. THE CONTRACTOR SHALL PROVIDE ALL DEWATERING EQUIPMENT NECESSARY TO KEEP ALL EXCAVATIONS DRY. DEWATERING IS REQUIRED TO 18" BELOW TRENCH BOTTOM. THE CONTRACTOR SHALL SUBMIT DEWATERING PLAN TO DISTRICT FOR APPROVAL PRIOR TO CONSTRUCTION.
- 71. ALL PIPING AND FITTINGS USED ON THIS PROJECT SHALL BE AS NOTED ON THE PLANS AND IN THE CONTRACT DOCUMENT AND SHALL BE INSTALLED TO THE LINES AND GRADES SHOWN ON THE PLANS AND PROFILES.
- 72. ALL PIPE LENGTHS ARE PLUS OR MINUS AND MAY BE ADJUSTED IN THE FIELD AS REQUIRED. PIPE MEASUREMENTS AND STATION OFFSETS ARE TO CENTER OF STRUCTURES OR FITTINGS. REFER TO DETAIL SHEET FOR ALL REFERENCE POINTS.
- 73. ALL ROCKS OR STONES LARGER THAN SIX INCH DIAMETER SHALL BE REMOVED FROM THE BACKFILL MATERIAL. BACKFILL MATERIAL PLACED WITHIN ONE FOOT OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN TWO INCH DIAMETER.
- 74. ALL PENETRATION OF EXISTING STRUCTURES SHALL BE BY THE MECHANICAL ROTARY CORE BORING METHOD.
- 75. ALL CONCRETE AND REBAR PENETRATED OR DISTURBED SHALL BE COATED WITH TWO COATS OF EPOXY.
- 76. CONTRACTOR IS RESPONSIBLE FOR ALL UNSUITABLE MATERIAL REMOVAL WITHIN PROJECT LIMITS. EXCAVATION, EMBANKMENT, INCLUDING UTILIZATION, AND UNSUITABLE MATERIAL REMOVAL SHALL BE IN ACCORDANCE WITH FDOT DESIGN STANDARDS, LATEST VERSION.
- 77. WHERE EXCAVATION IS REQUIRED FOR CONSTRUCTION OF SIDEWALK, ALL STUMPS, ROOTS, ETC. SHALL BE REMOVED COMPLETELY FROM THE SIDEWALK AREA. ALL STUMPS WITHIN THE PROJECT LIMITS SHALL BE REMOVED COMPLETELY AND REPLACED WITH COMPACTED BACKFILL BEFORE THE AREA IS FILLED. TREE ROOTS IN AREA OF PROPOSED SIDEWALK, RAMP, OR DRIVEWAY REPLACEMENT SHALL BE GROUND OUT TO A DEPTH OF 6" BELOW BOTTOM OF NEW SIDEWALK OR DRIVEWAY. ALL PRUNED ROOT DEBRIS SHALL BE REMOVED FROM THE SUB-BASE MATERIAL PRIOR TO POURING CONCRETE, ASPHALT, OR APPLICATION OF OTHER SPECIFIED MATERIALS. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
- 78. ALL STUMPS, ROOTS, AND OTHER DEBRIS PROJECTING THROUGH OR APPEARING ON THE SURFACE OF THE GROUND SHALL BE REMOVED TO A DEPTH OF 1-FOOT BELOW THE COMPLETED SURFACE. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
- 79. ALL MATERIALS NOT CLAIMED BY THE COUNTY SHALL BECOME PROPERTY OF THE CONTRACTOR, AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN AND PAID UNDER THE PAY ITEM CLEARING AND GRUBBING.
- 80. THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING, AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES OR TO MINIMIZE TRENCH WIDTH. WHERE A SEPARATE PAY ITEM IS NOT PROVIDED, THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED.
- 81. THE CONTRACTOR SHALL DISTURB NO MORE GROUND THAN WHAT IS NECESSARY FOR CONSTRUCTION. NO OPEN EXCAVATED TRENCH, OR OTHER UNSAFE CONDITION WILL BE LEFT OVERNIGHT. ALL WORK SITES WILL BE COMPLETELY RESTORED WITHIN SEVEN (7) CALENDAR DAYS OF THE CONCRETE POUR FOR SIDEWALK. THE INTENT OF THIS PROVISION IS TO "SAFE-UP" THE PROJECT SITE AS WORK PROGRESSES, AND SHALL INCLUDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEBRIS.
- 82. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- 83. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED OR RELOCATED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION AT NO ADDITIONAL COST TO THE COUNTY.
- 84. ALL EXISTING SWALES NOT DESIGNATED FOR RECONSTRUCTION SHALL BE REGRADED TO PROMOTE POSITIVE DRAINAGE AND MATCH PROPOSED CENTERLINE SWALE ELEVATION AND ALIGNMENT.
- 85. ALL STORM DRAINS AND STRUCTURES TO REMAIN SHALL BE CLEANED OF DEBRIS, DIRT, VEGETATION AND OTHER MATERIAL. STORM SEWER INLETS SHALL BE MODIFIED (RAISED/LOWERED) TO MATCH PROPOSED FINISHED GRADE.
- 86. ALL EXISTING FENCES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AND REINSTALLED BY THE CONTRACTOR AT NO ADDITIONAL COST. (EXISTING FENCES WITHIN R/W TAKING LIMITS SHALL BE RECONSTRUCTED TO THE NEW R/W LINE AND ARE TO BE REIMBURSED UNDER THE MISCELLANEOUS BID ITEM). CONTRACTOR SHALL COORDINATE WITH THE PROPERTY OWNER FOR THE NEW LOCATION OF THE FENCE TO BE INSTALLED OUTSIDE THE ROW.
- 87. ALL EXISTING TREES LOCATED WITHIN R/W LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- 88. ALL EXISTING DRAINAGE STRUCTURES SHALL BE REMOVED UNLESS OTHERWISE NOTED.
- 89. ALL EXISTING BUILDINGS SHALL REMAIN UNLESS OTHERWISE NOTED.
- 90. REMOVE AND REPLACE BASE AND SUB-BASE ACCORDING TO FDOT STANDARDS

CONTACTS

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dshanahan@tecoenergy.com

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Greg.Coker@fpl.com

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james.cruzan@charter.com

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SARASOTA SERVICE OFFICE
STEVE LOPES, P.E.
6750 FRUITVILLE ROAD
SARASOTA, FL 34240
(941) 377-3722
FAX: (941) 373-7660

DEPARTMENT OF ENVIRONMENTAL PROTECTION
ED WATSON
13051 N. TELECOM PKWY
TEMPLE TERRACE, FL 33637
PHONE: (813) 470-5875
FAX: (813) 470-5993

PEACE RIVER ELECTRIC COOPERATIVE, INC.
P.O. BOX 1310
WACHULA, FL 33873
ERIN RUHTZ
(863) 767-4660
erin.ruhtz@preco.coop

MANATEE COUNTY PUBLIC WORK DEPT. TRAFFIC ENGINEERING
MUKUNDA GOPALAKRISNA, P.E.
(941) 749-3500 EXT. 7813
FAX: (941) 749-3571

LEGEND

EXISTING

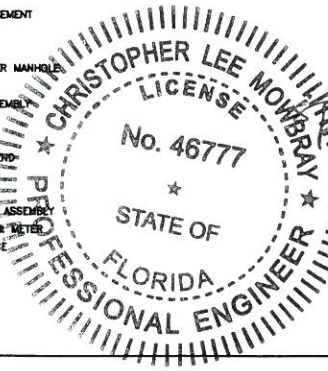
BM	BENCH MARK	BUSH
CM	CONCRETE MONUMENT	TREE
IP	IRON PIPE	OAK TREE
IR	IRON ROD	PALM TREE
HUB	HUB	PINE TREE
N&D	NAIL & DISK	EDGE OF VEGETATION
ELEVATION	ELEVATION	CHAIN LINK FENCE
PARCEL ID NO.	PARCEL ID NO.	WOOD FENCE
PARCEL ID NO.	PARCEL ID NO.	BARBED WIRE FENCE
LOT NO.	LOT NO.	FORCE MAIN
GW	GUY WIRE	POTABLE WATER
PP	POWER POLE	RECLAIMED WATER
LP	LIGHT POLE	SANITARY SEWER
MB	MAIL BOX	STORM DRAIN
SN	SIGN	GAS LINE
REF	REFLECTOR	OVERHEAD TV
SPRK	SPRINKLER	UNDERGROUND TV
GM	GAS MARKER	OVERHEAD ELECTRIC
BFP	BACKFLOW PREVENTER	UNDERGROUND ELECTRIC
BD	BLOW OFF VALVE	OVERHEAD VERIZON
FH	FIRE HYDRANT	UNDERGROUND VERIZON
WV	WATER VALVE	VERIZON
ARV	AIR RELEASE VALVE	SPECTRUM
WM	WATER METER	UNDERGROUND UTILITY
SMH	SANITARY SEWER MANHOLE	OVERHEAD UTILITY
SB#1	SANITARY SEWER CLEAN OUT	RAIL ROAD TRACKS
TEL	TELEPHONE SERVICE BOX	EDGE OF CONCRETE
GI	GRATE INLET	EDGE OF ROAD
MTER	MITERED END SECTION	TOE OF SLOPE
		TOP OF BANK
		PROPERTY LINE
		RIGHT OF WAY

ABBREVIATIONS

R/W	RIGHT OF WAY
CONC	CONCRETE
ASPH	ASPHALT
DRWY	DRIVEWAY
SWK	SIDEWALK
EP	EDGE OF PAVEMENT
BOC	BACK OF CURB
FG	FINISHED GRADE

PROPOSED

—	MAIN SERVICE LINE
—	PROPOSED EASEMENT
—	FIRE HYDRANT VALVE
—	SANITARY SEWER MANHOLE
—	BLOW OFF ASSEMBLY
—	REDUCER
—	TEE
—	HORIZONTAL BEND
—	VERTICAL BEND
—	PLUG
—	MASTER METER ASSEMBLY
—	SERVICE LINE & METER
—	DOUBLE SERVICE



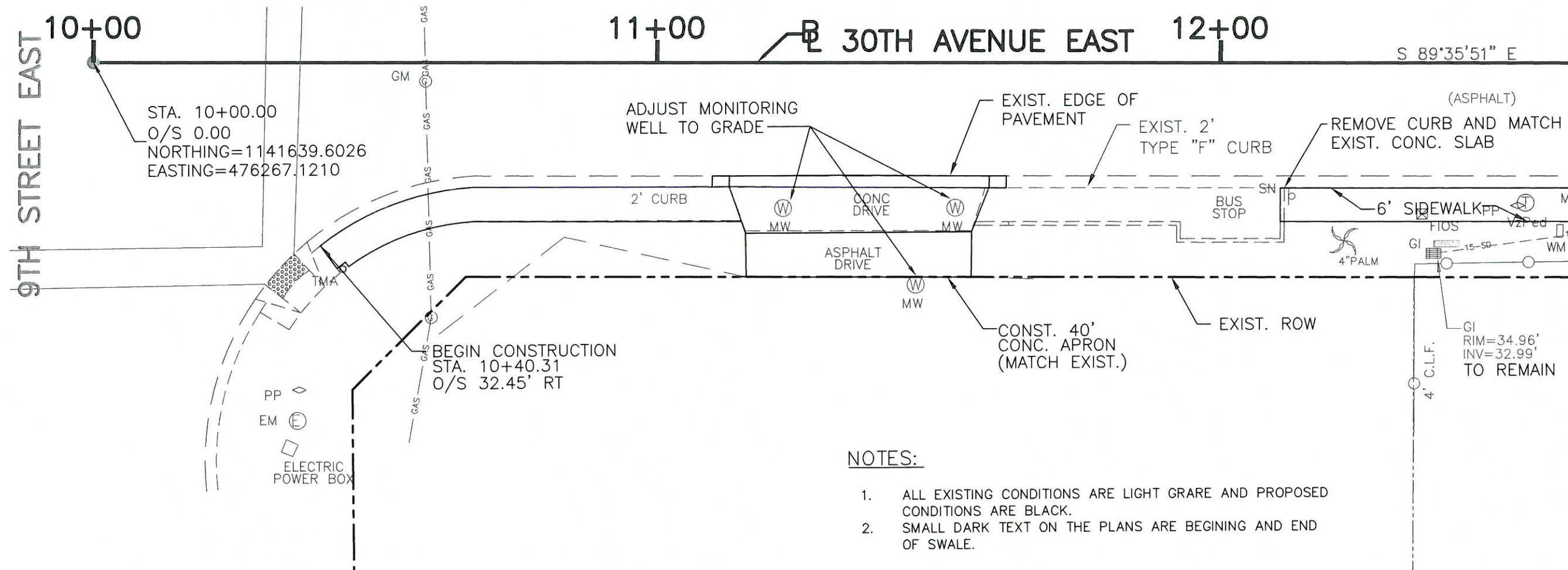
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SURVEY #	0	
SEC./TWN./RGE	01-35-17	
SCALE	1"=20'	
SURVEYED	—	06-07-10
DESIGNED	AAM	07-15-10
DRAWN	MMW/GRF	08-10-10
CHECKED	SF	3-28-17

CHRIS L. MOWBRAY, P.E.
FLORIDA P.E. # 46777
3/30/17
Signature & Date

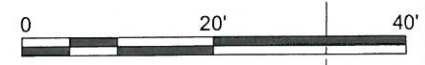
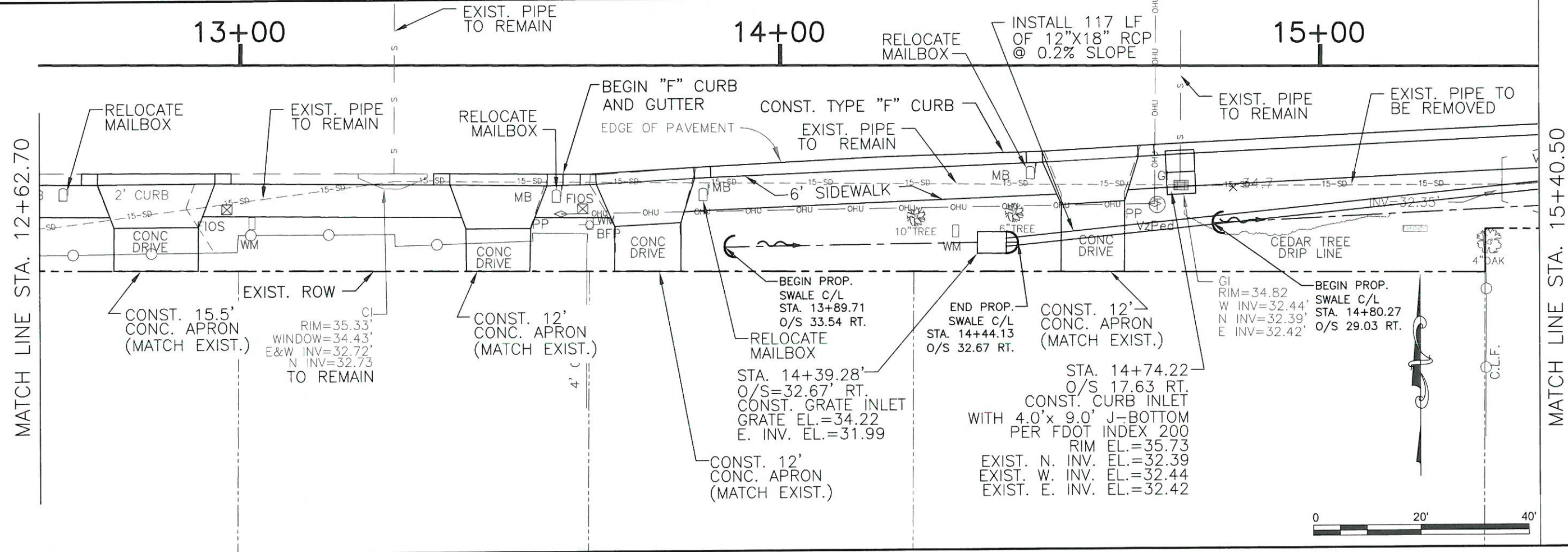
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**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
PLAN STA. 10+00 TO 15+40.50**



NOTES:

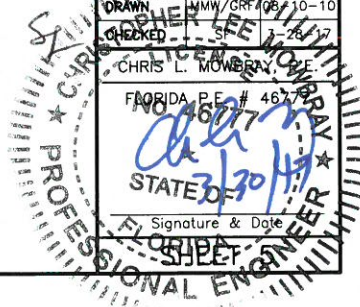
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2. SMALL DARK TEXT ON THE PLANS ARE BEGINING AND END OF SWALE.



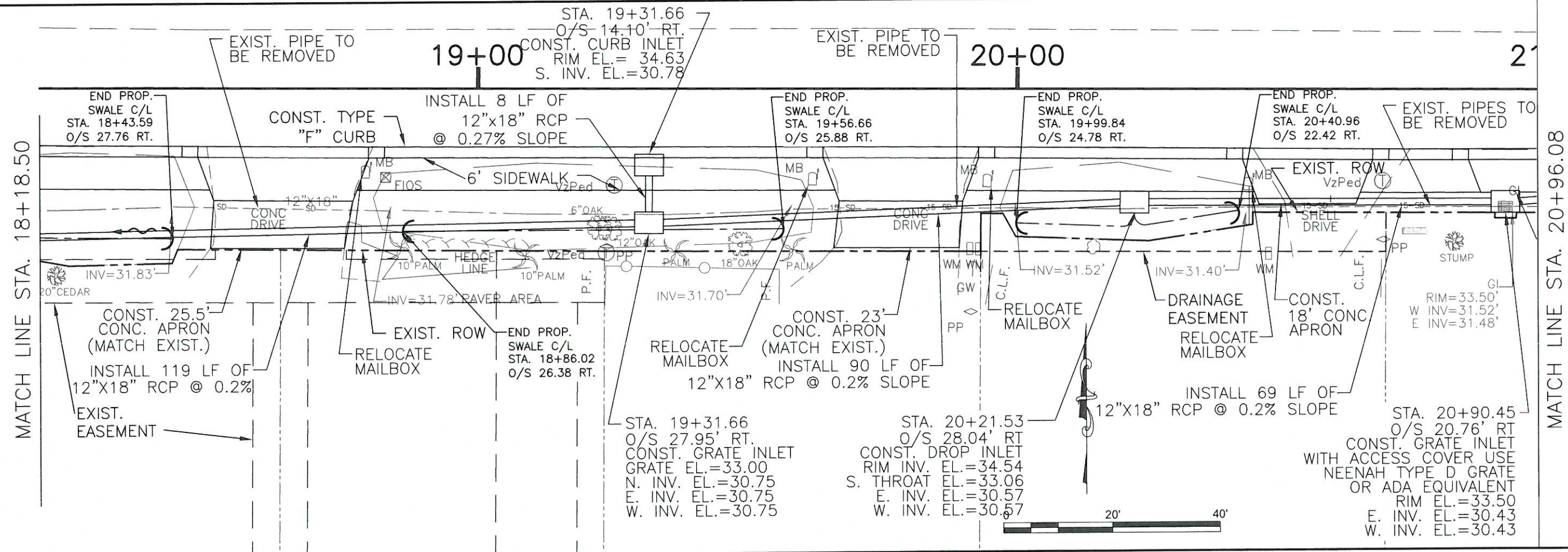
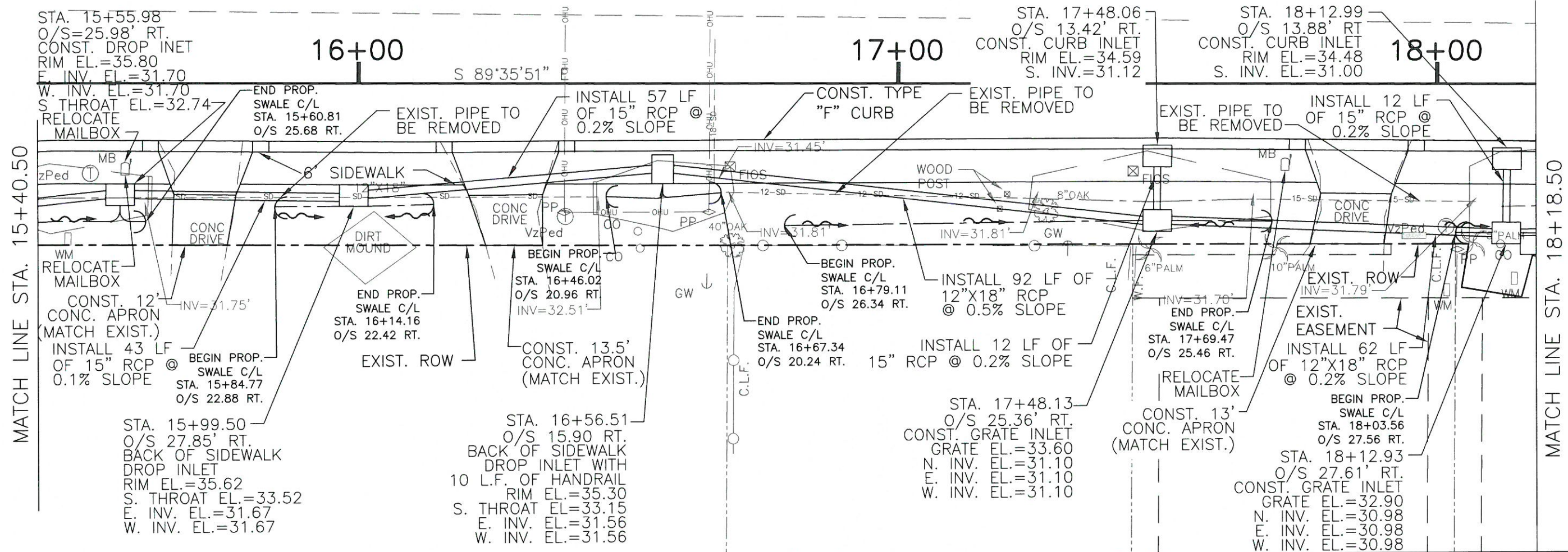
NO.	DATE	BY	REVISION DESCRIPTION

PROJECT #	323-6044160
SURVEY #	0
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SCALE	1"=20'

	BY	DATE
SURVEYED	-	06-07-10
DESIGNED	AM	07-15-10
DRAWN	MMW/GRF	08-10-10
CHECKED	SM	1-28-12
APPROVED	CHRIS L. MOWBRAY, P.E.	3/20/12



**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
PLAN STA. 15+40.50 TO 20+96.08**



NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=20'

	BY	DATE
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DESIGNED	AM	07-15-10
DRAWN	MM	08-10-10
CHECKED		09-17-10

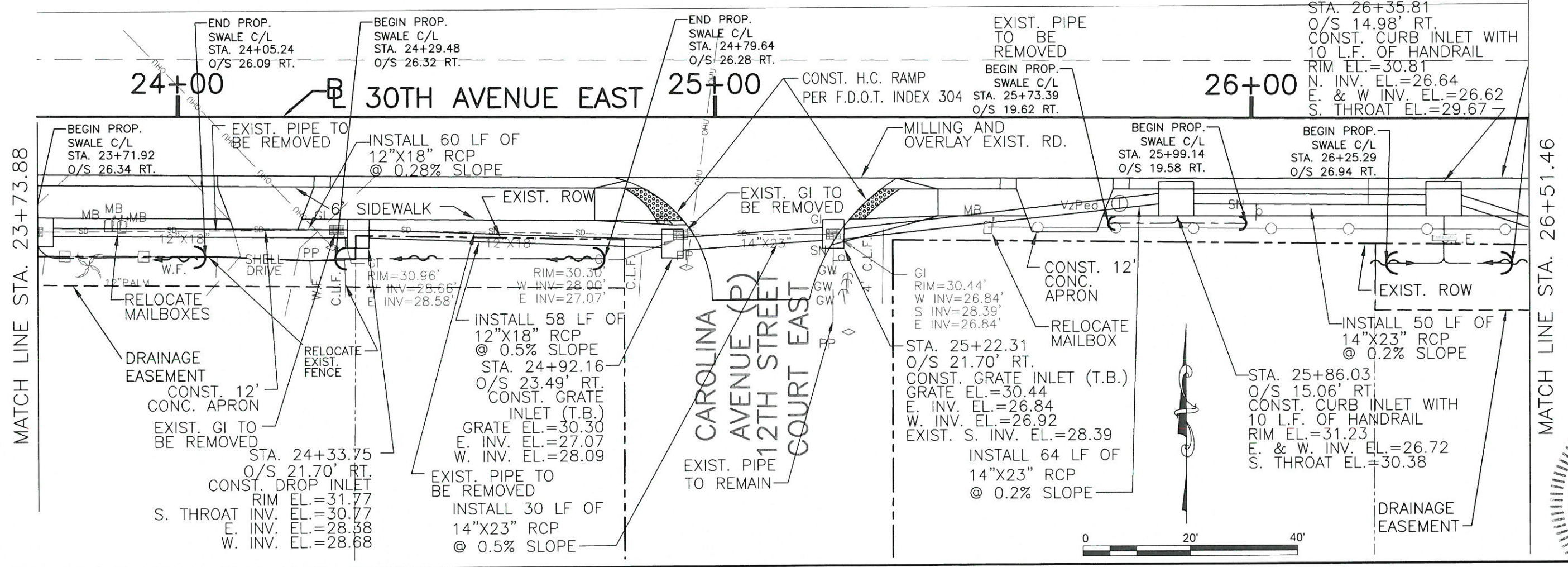
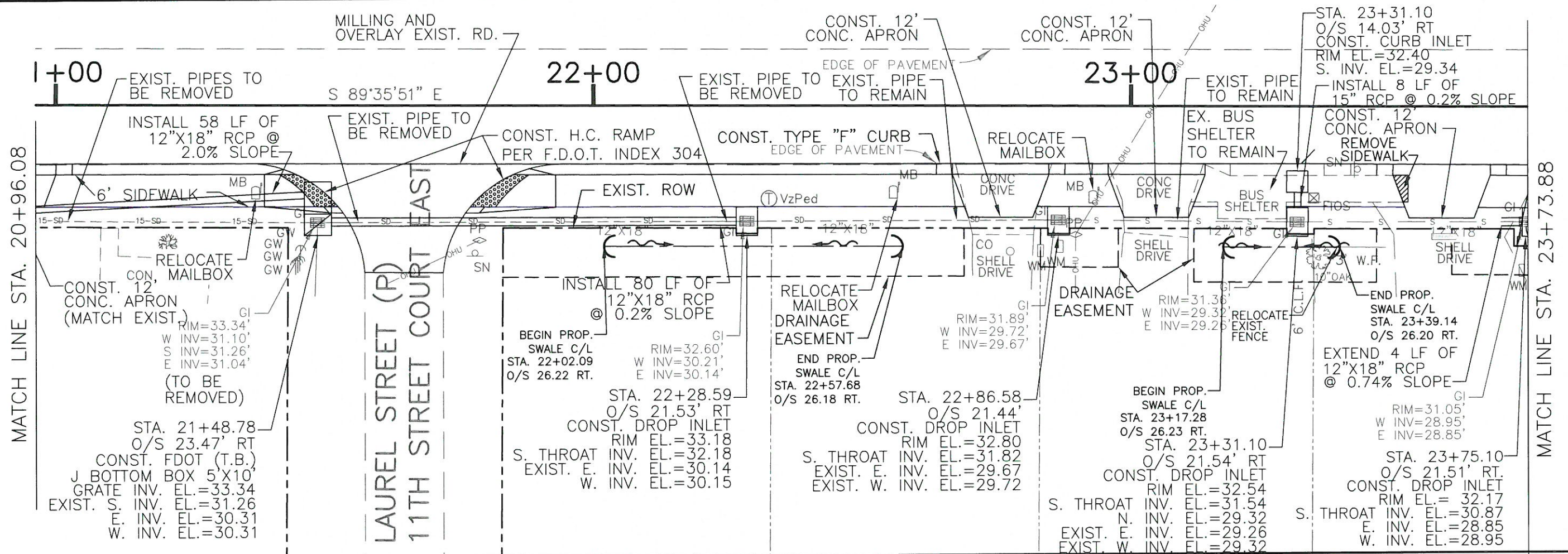
Signature & Date
 Chris Lee
 No. 4672
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

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**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII**

9TH ST. EAST TO 15TH ST. EAST

PLAN STA. 20+96.08 TO 26+51.46



NO.	REVISION DESCRIPTION	DATE

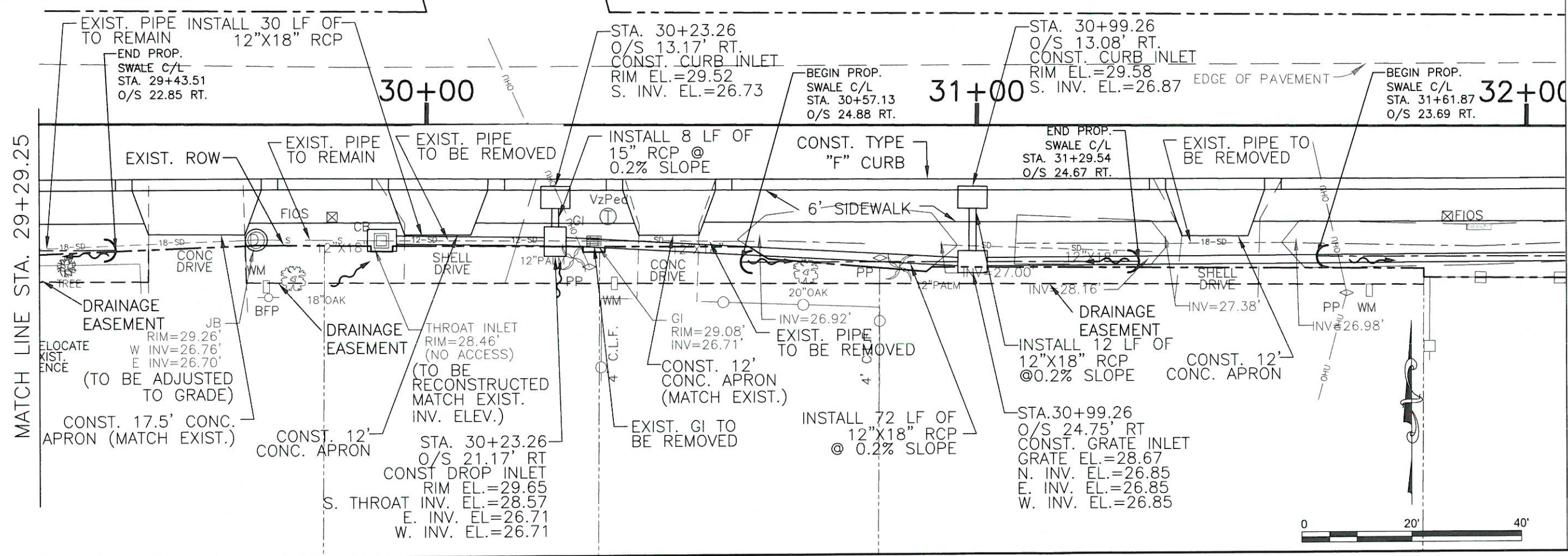
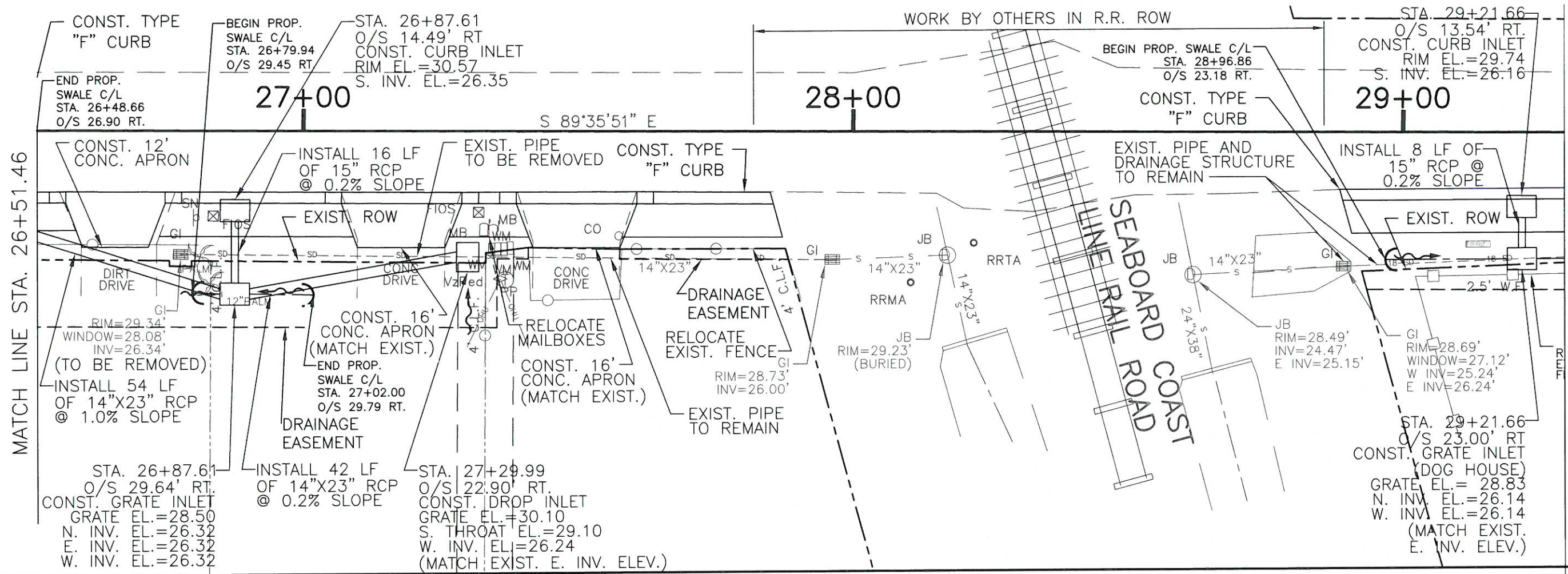
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SEC./TWN./RGE	01-35-17
SCALE	1"=20'

BY	DATE
SURVEYED	06-07-10
DESIGNED	AAM 07-15-10
DRAWN	MWR 08-10-10
CHECKED	SL 03-28-17
APPROVED	

CHRISSIE MOWBRAY, P.E.
FLORIDA PE # 6577
No. 4677
3/30/17
Signature & Date



**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
PLAN STA. 26+51.46 TO 32+07.04**



MATCH LINE STA. 26+51.46

MATCH LINE STA. 29+29.25

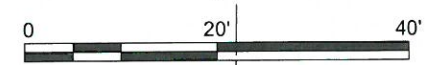
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NO.	REVISION DESCRIPTION	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=20'

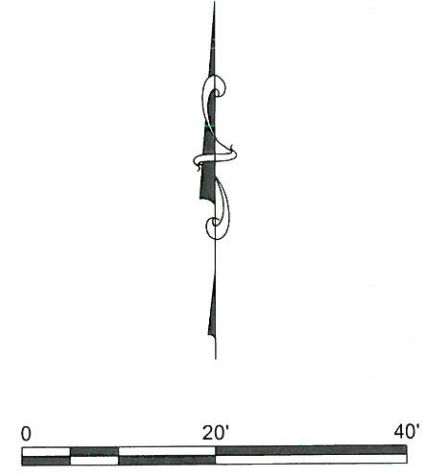
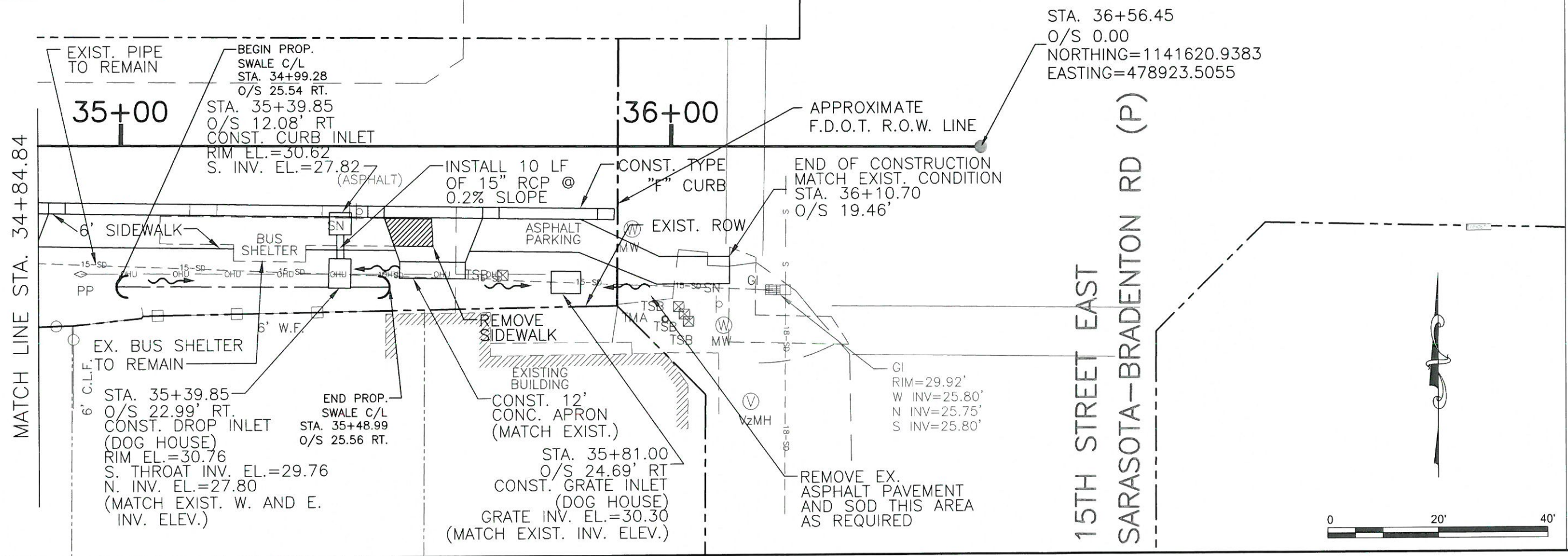
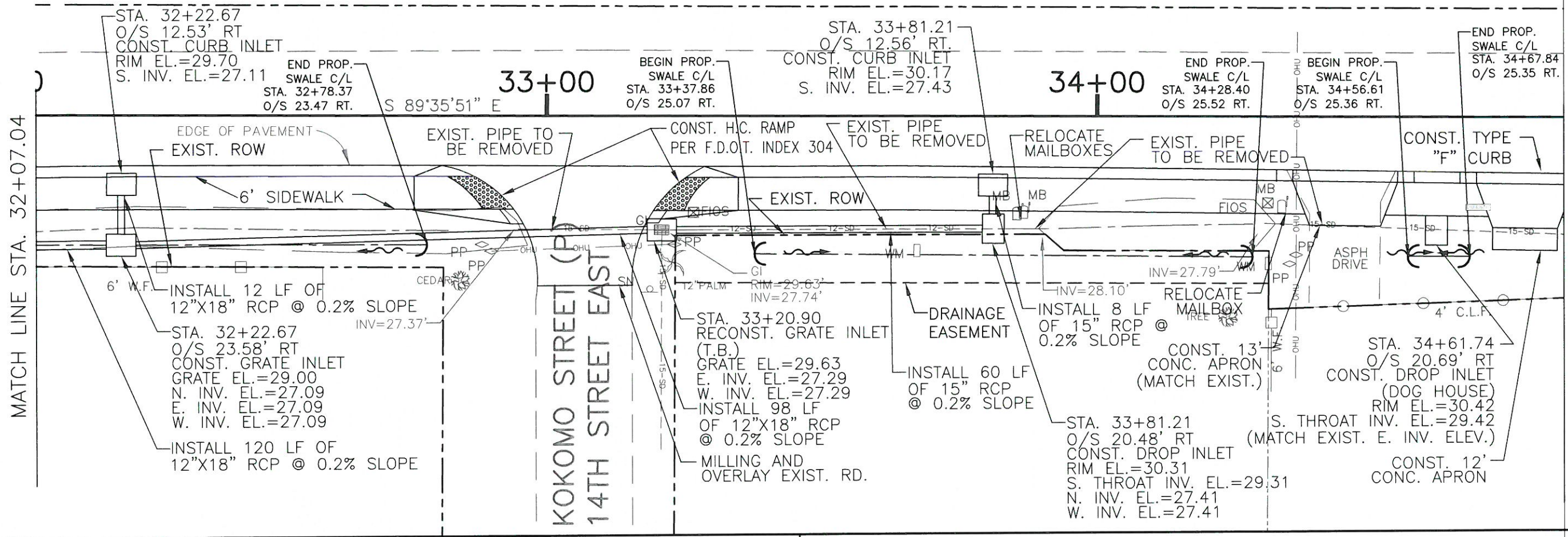
NO.	BY	DATE
DESIGNED	LEW	06-07-10
DRAWN	LEW	07-15-10
CHECKED	CHRIS	08-08-10
APPROVED	CHRIS	08-08-10

FLORIDA P.E. # 4577
STATE OF FLORIDA
Professional Engineer
SHEET 8



S:\P\RD_Engineering\Shore\Highway_Engineering\PROJECTS\30th_Ave_E-27th_St_E-15th_St_C\DWG\Master\Print_Plan\master_print_dwg_8_Plan_4_3/29/2017 8:08 AM Thom Forester, I.I., 11x17

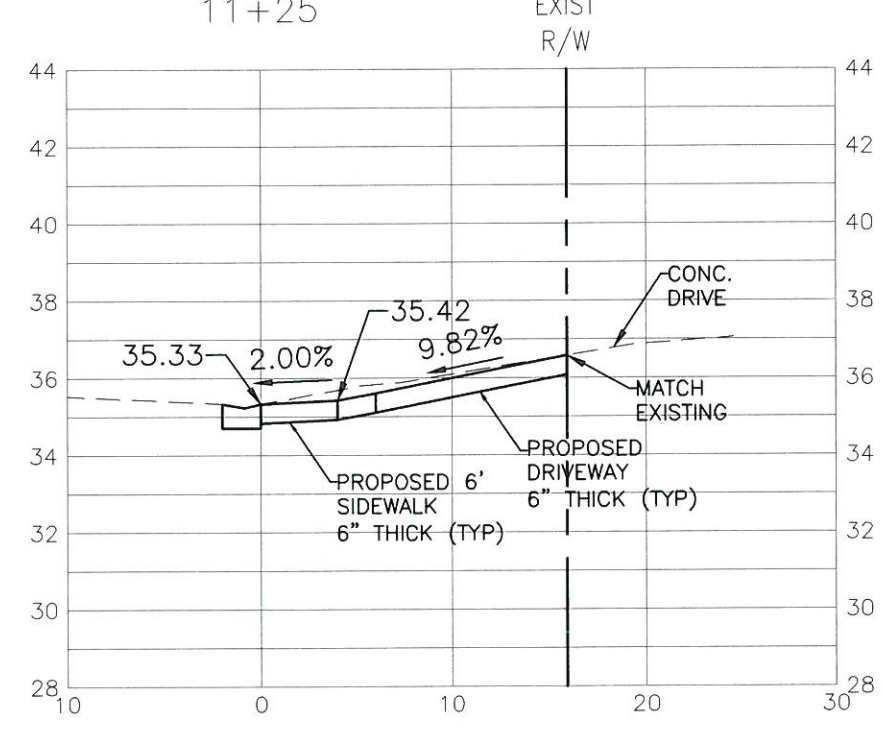
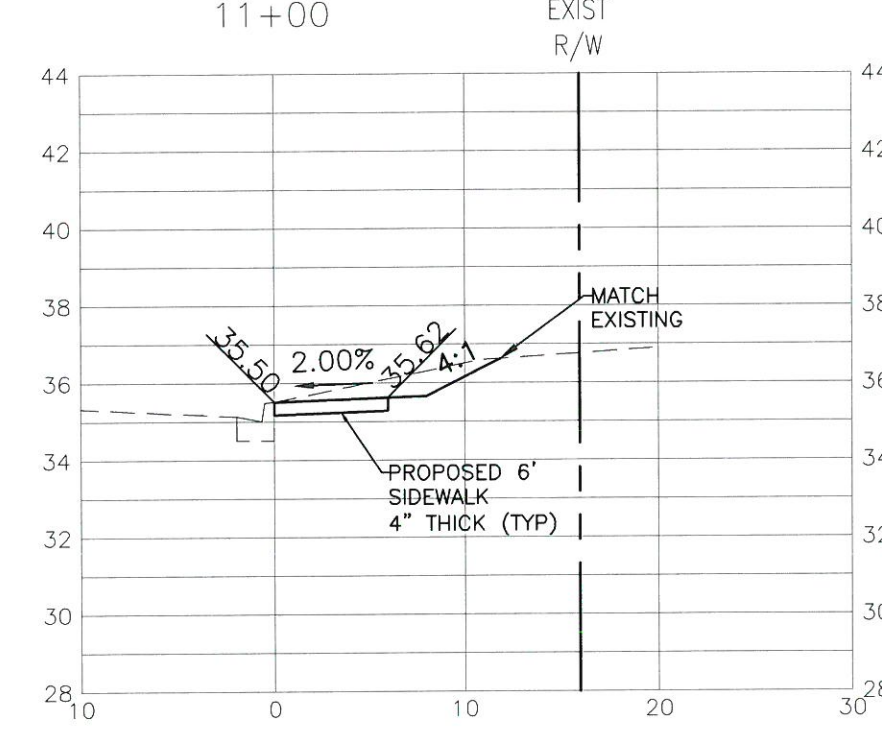
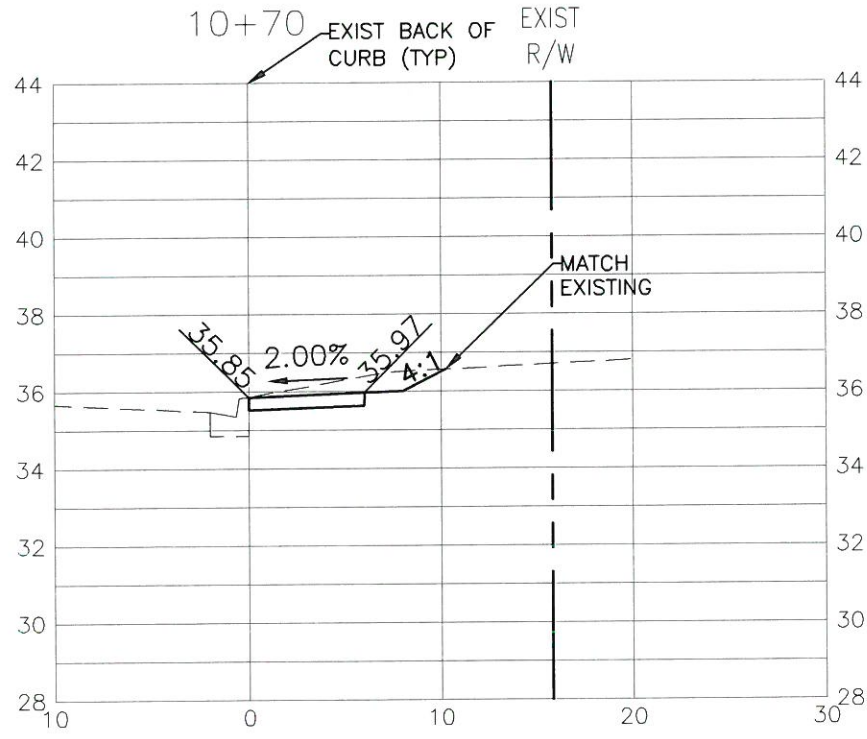
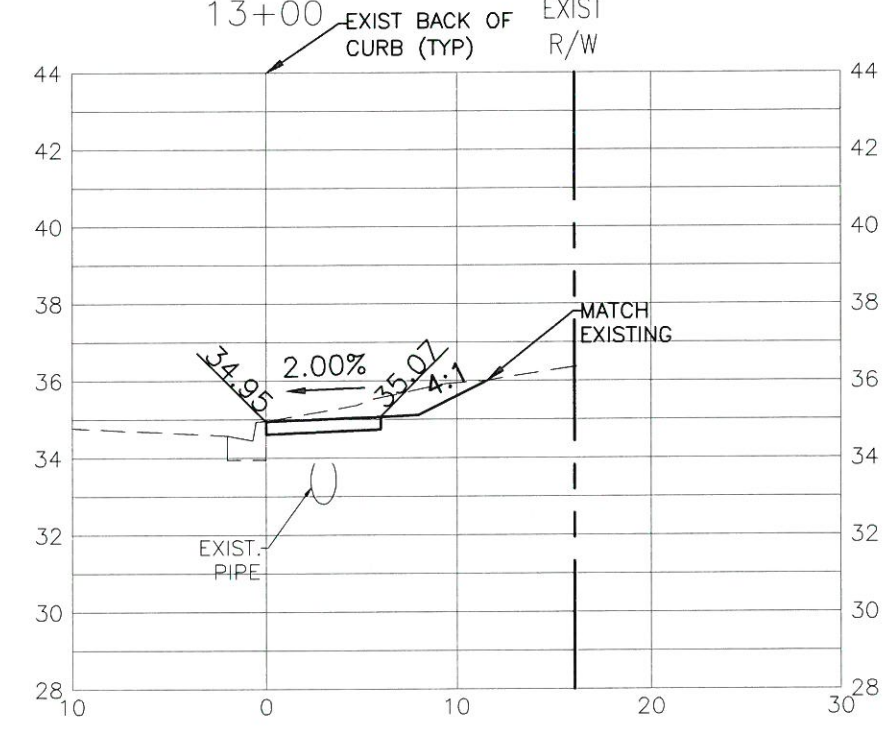
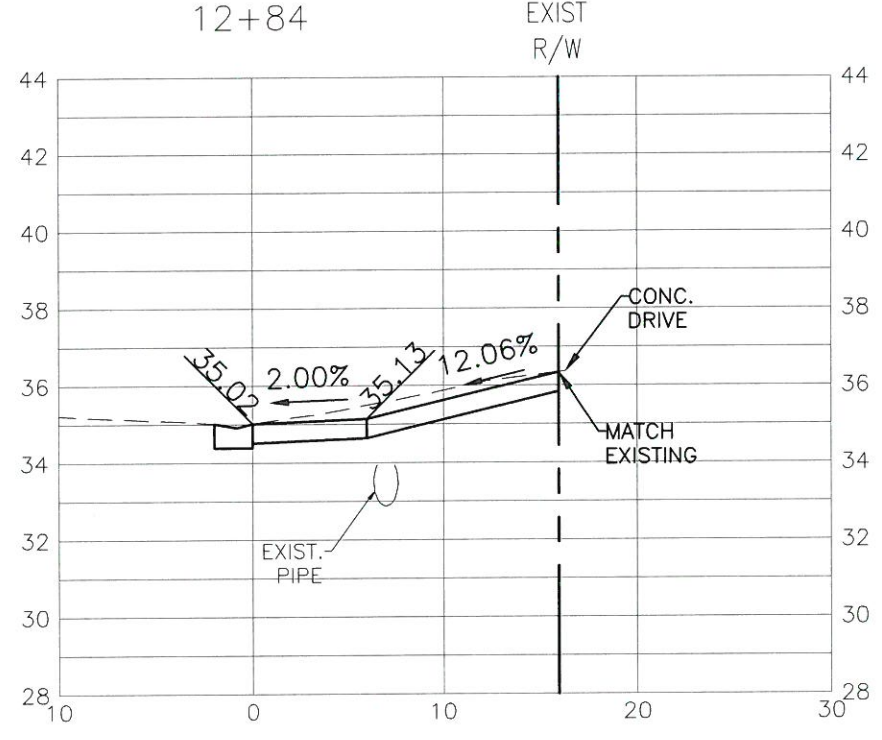
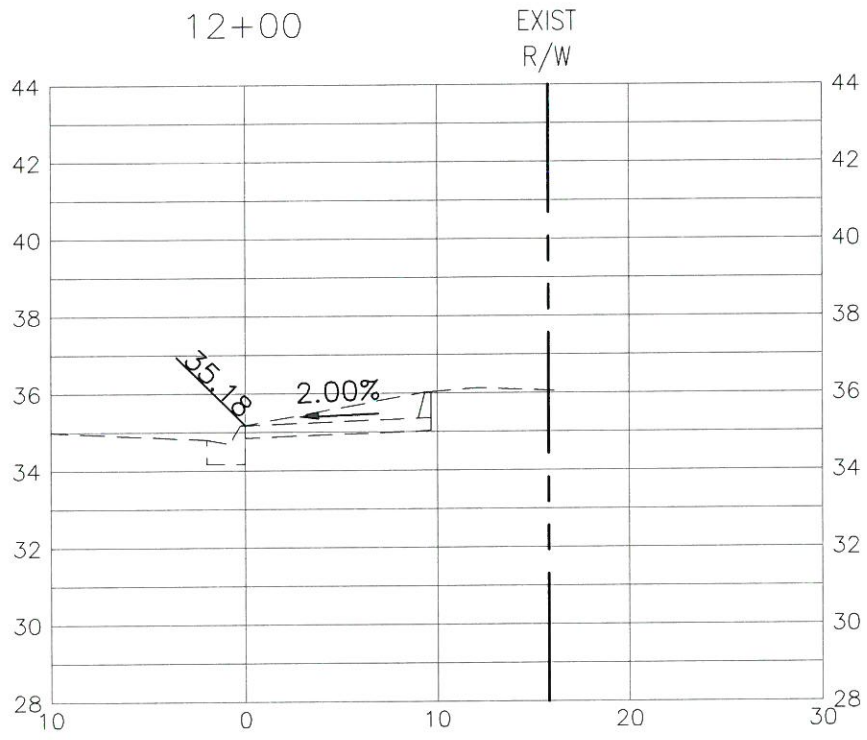
**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
PLAN STA. 32+07.04 TO 36+00**



DATE				
BY				
REVISION DESCRIPTION				
NO.				
PROJECT #	323-6044160			
SURVEY #	0			
SEC./TWN./RGE	01-35-17			
SCALE	1"=20'			
	BY	DATE		
SURVEYED		06-07-10		
DESIGNED	AAM	07-15-10		
DRAWN	MWW	08-10-10		
CHECKED		08-10-10		
CHRIS L. MOWBRAY				
FLORIDA P.E. # 46774				
STATE OF FLORIDA				
PROFESSIONAL SEAL				

S:\VWD\Engineering\Share\Highway_Engineering\PROJECTS\323\323_00\Drawings\323_00_Plan_Side\323_00_Plan_Side.dwg, 3/27/2010 10:02 AM, Thum, Forester, 11.11x17

**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 10+70 TO 13+00**



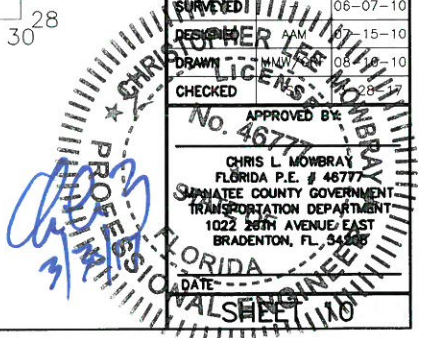
LEGEND
DE DRAINAGE EASEMENT

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V

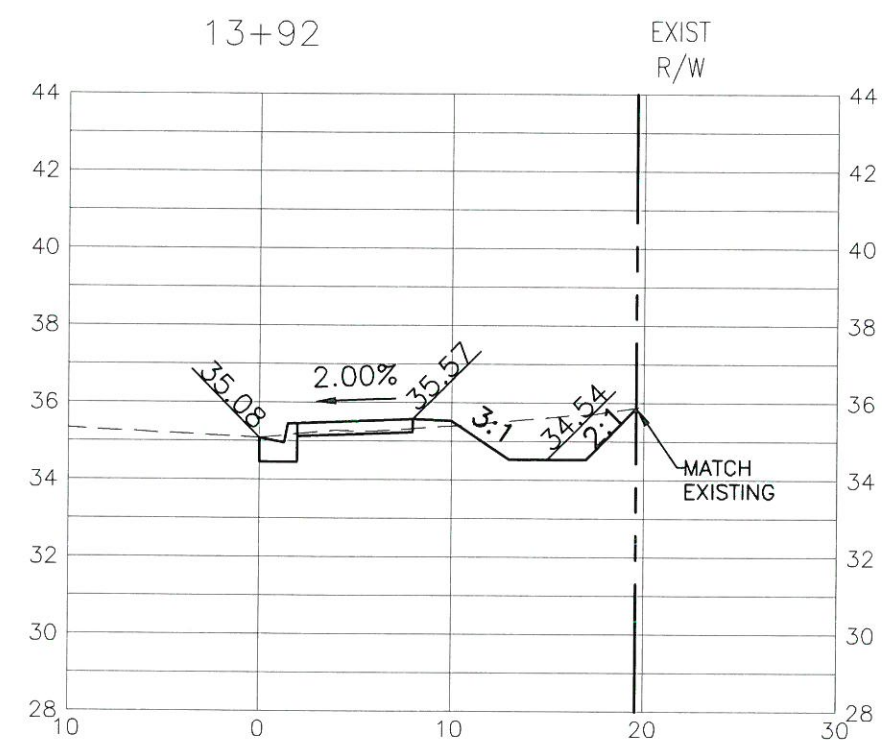
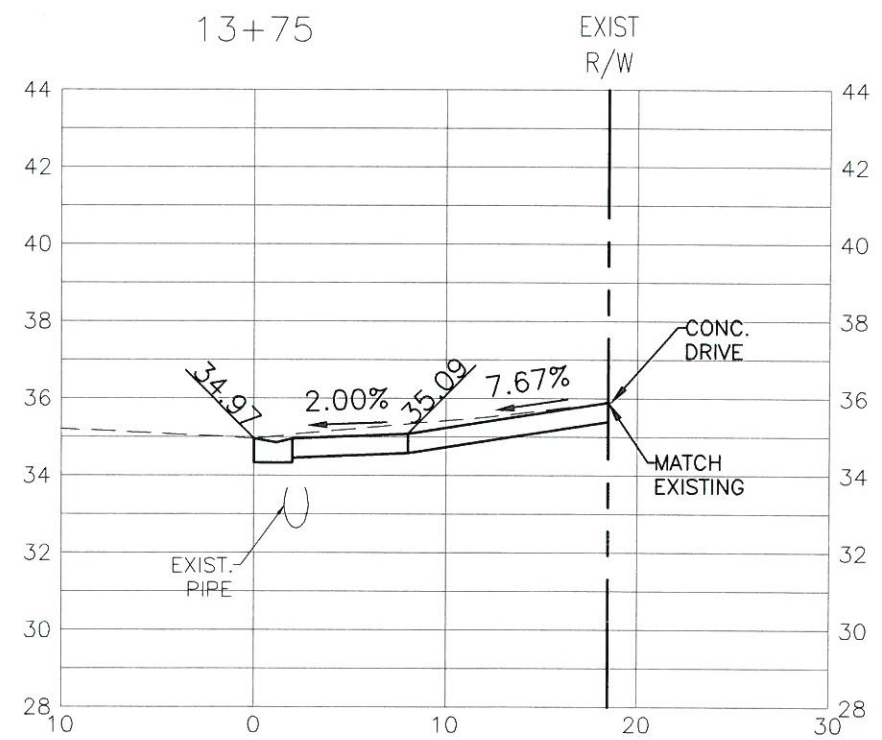
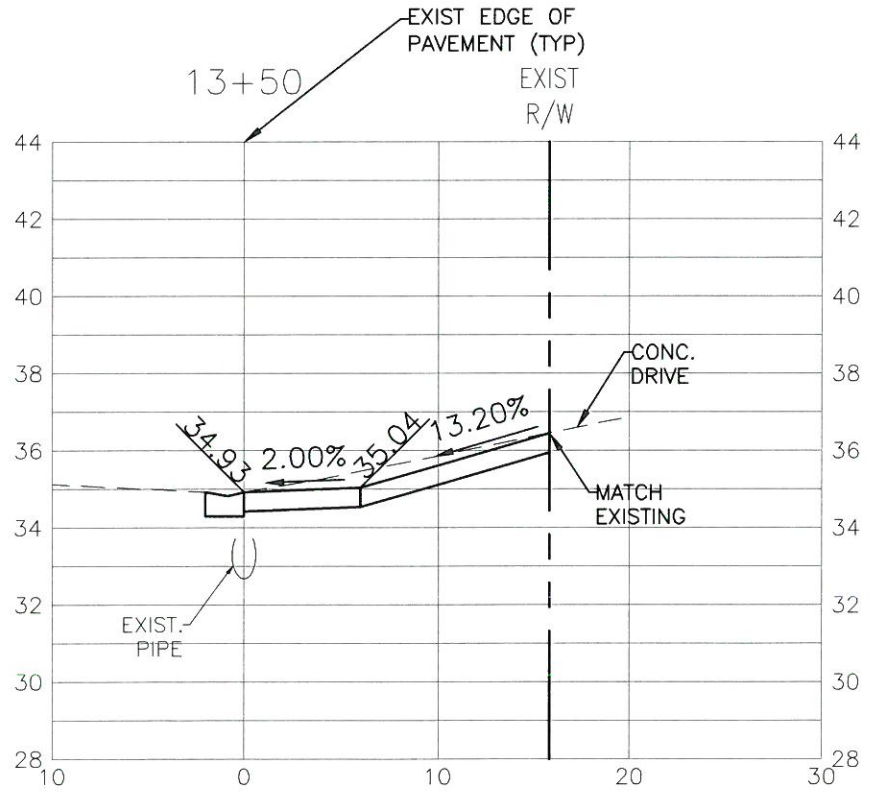
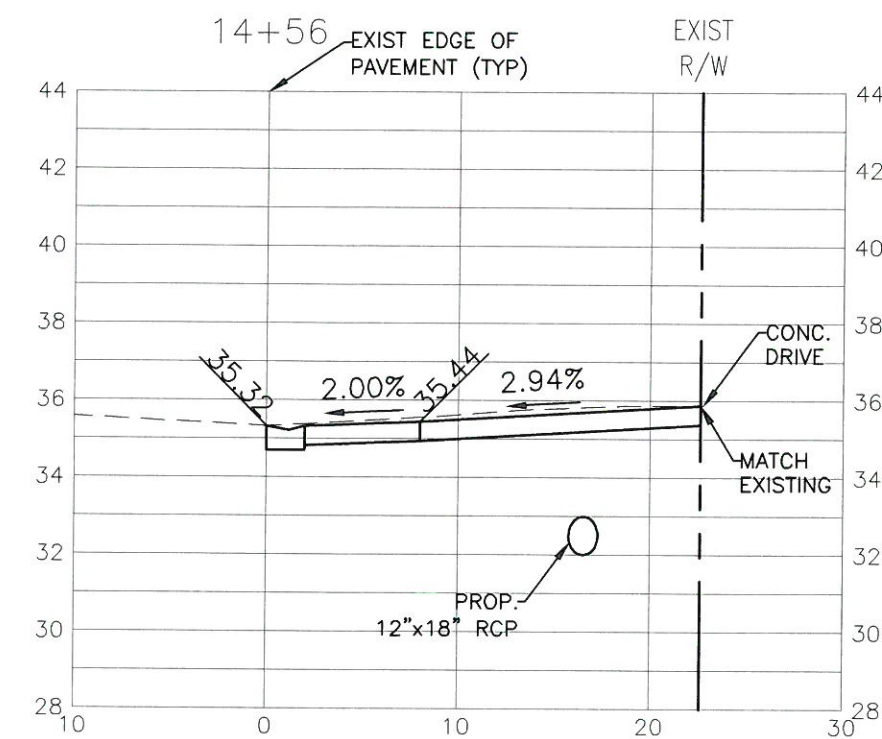
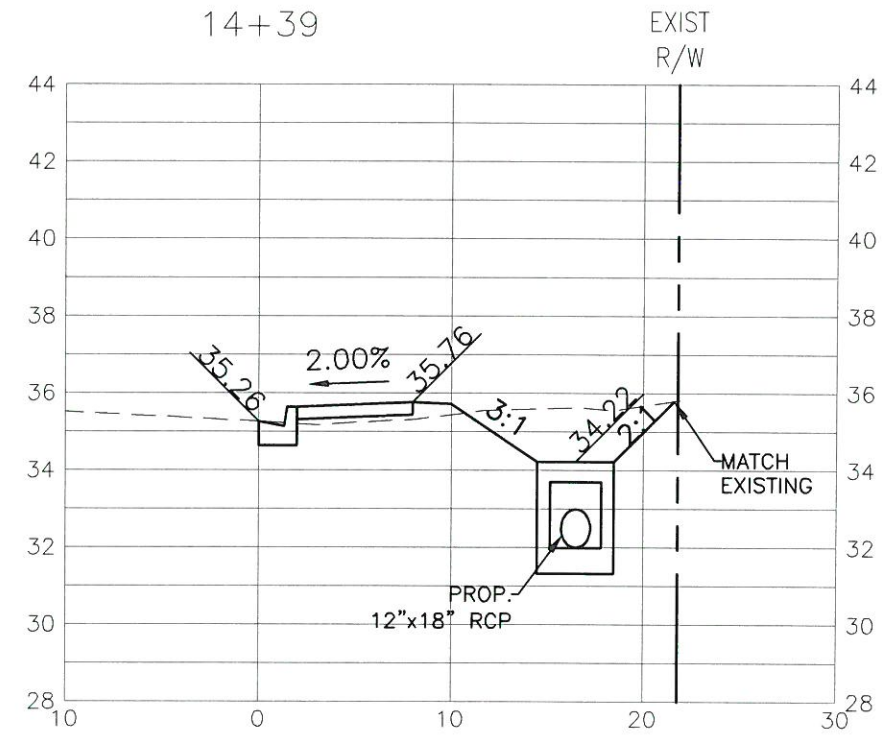
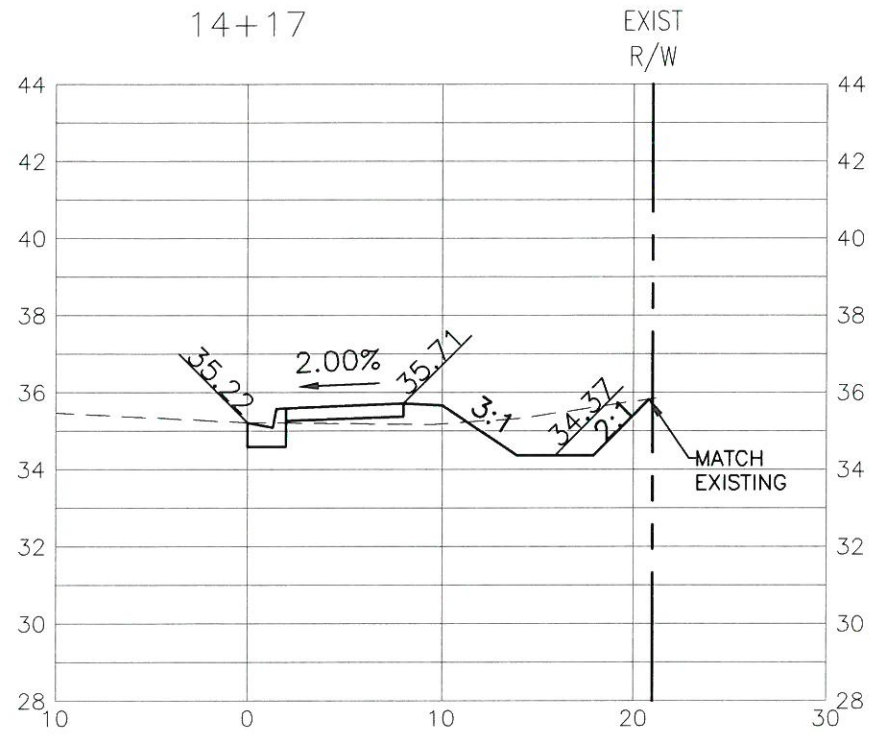
BY	DATE
SURVEYED	06-07-10
DESIGNED	07-15-10
DRAWN	08-10-10
CHECKED	08-28-10

APPROVED BY
CHRIS L. MOWBRAY
FLORIDA P.E. # 46777
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208



S:\P\O_Engineering_Shoras Highway_Engineering\PROJECTS\30th Ave E - 27th St E\DWG\Original Files\ROWLETT_c35a-x-section-mont2010.dwg, 10:45:10, 3/28/2017 5:13 PM, From Forester, L1, ANSI full bleed B (17.00 x 11.00 inches)

**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 13+50 TO 14+56**



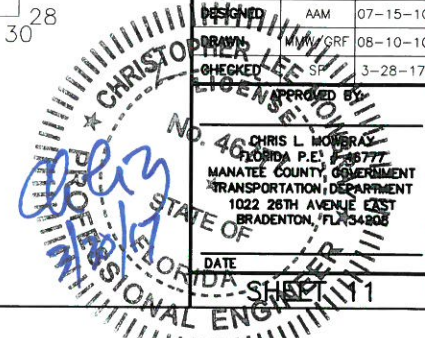
LEGEND
DE DRAINAGE EASEMENT

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-604160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V

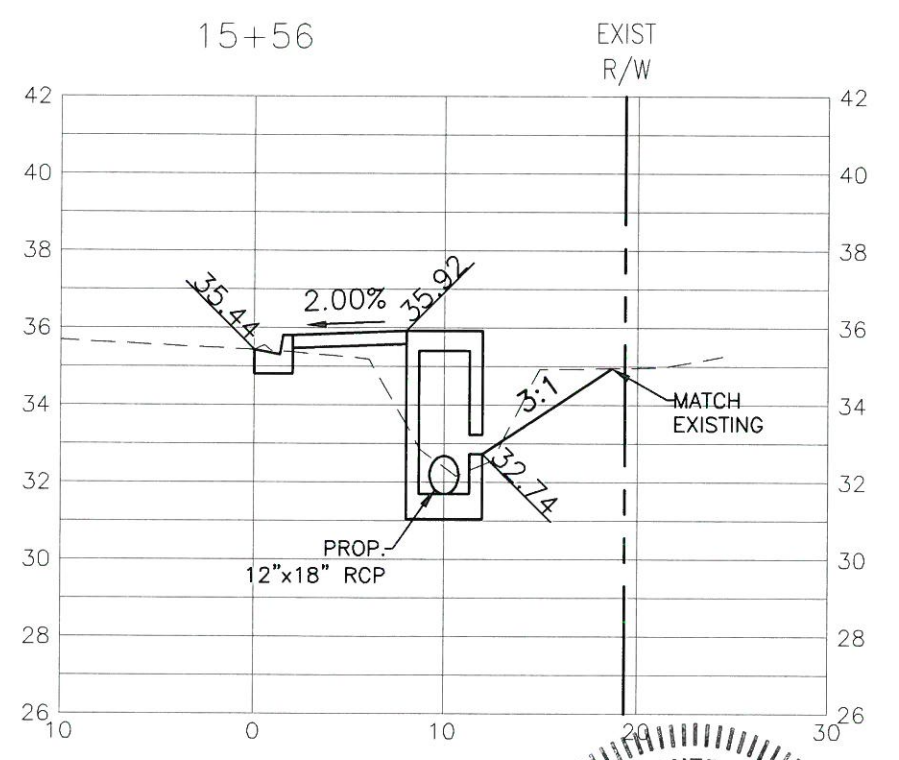
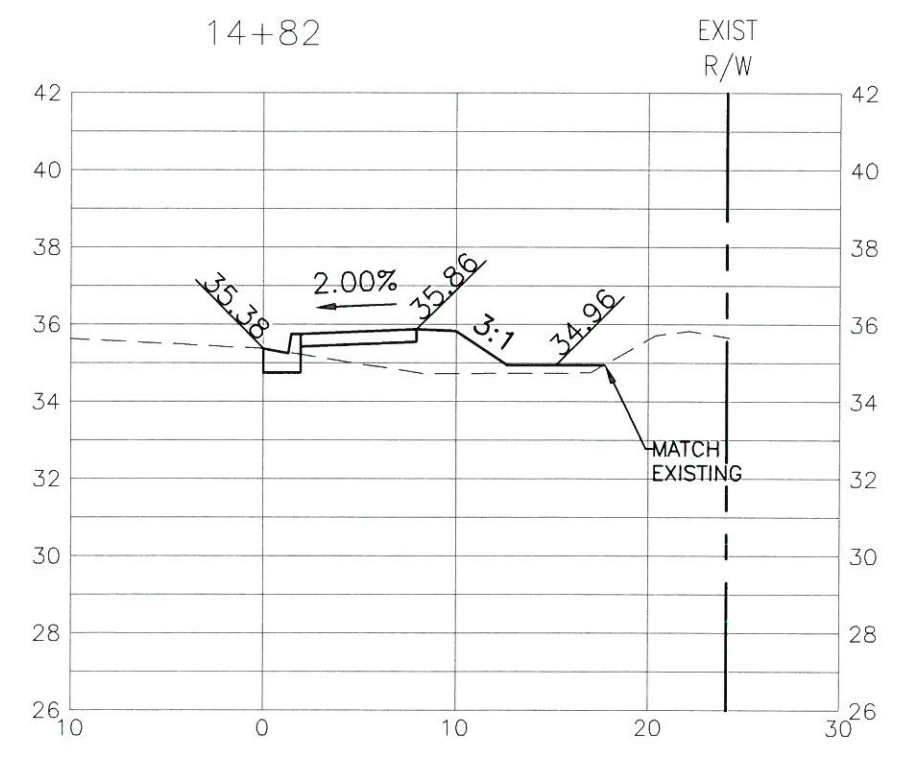
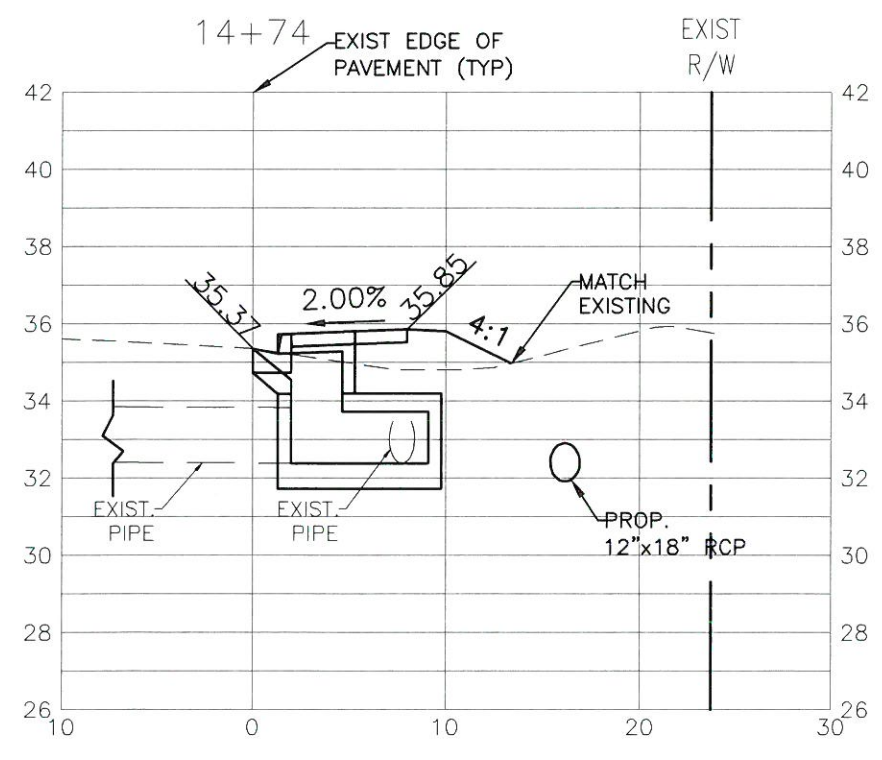
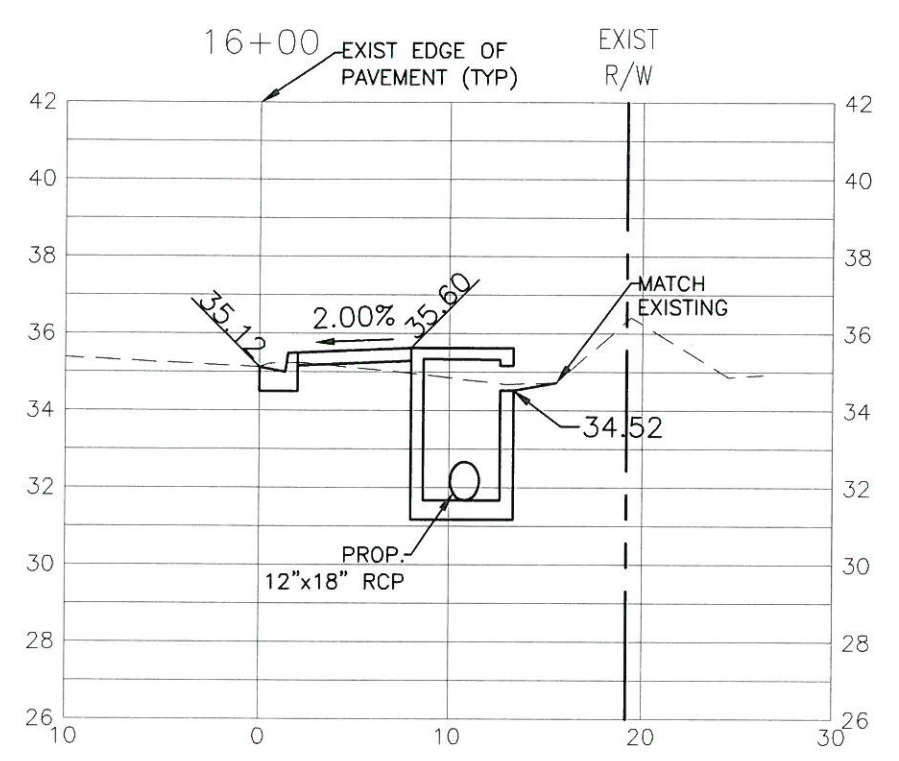
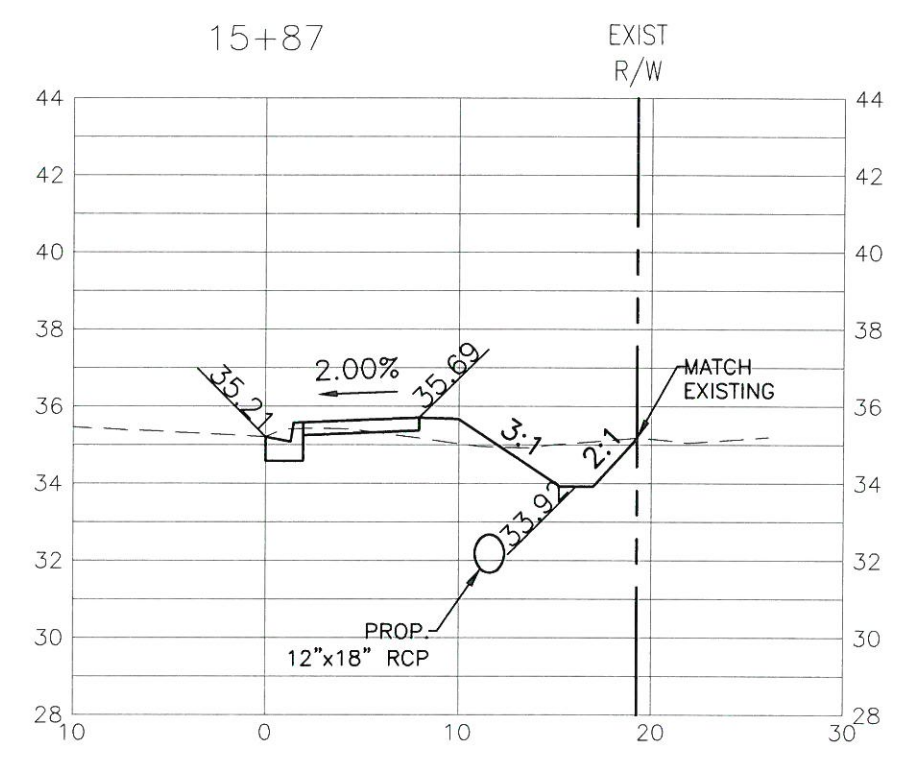
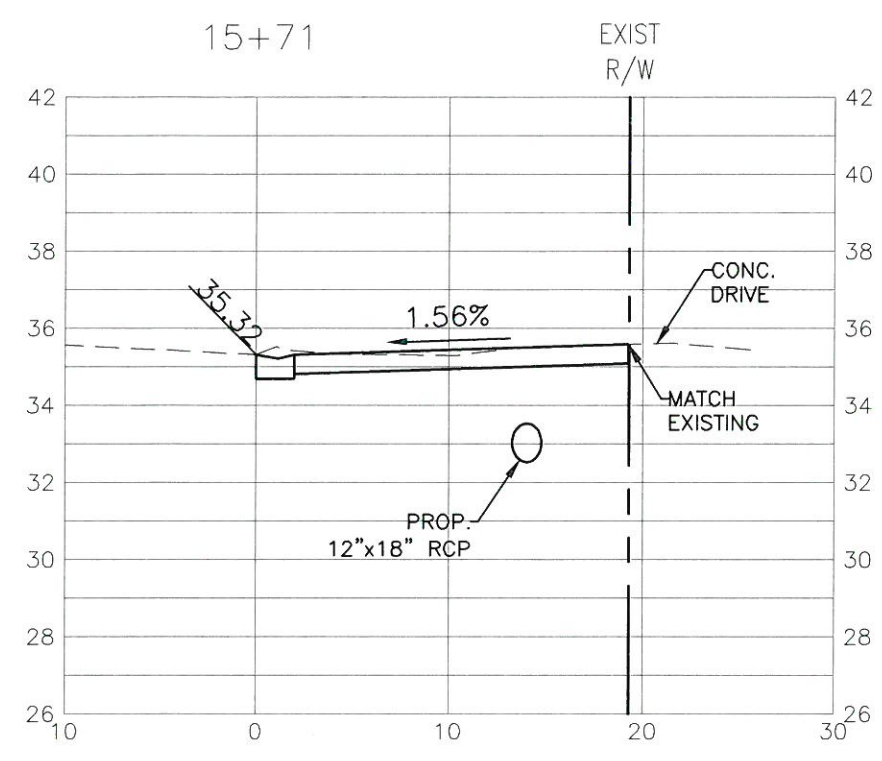
	BY	DATE
SURVEYED	-	06-07-10
DESIGNED	AAM	07-15-10
DRAWN	MMV/GRF	08-10-10
CHECKED	SF	3-28-17
APPROVED BY		

CHRIS L. MOWBRAY
FLORIDA P.E. # 38777
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208



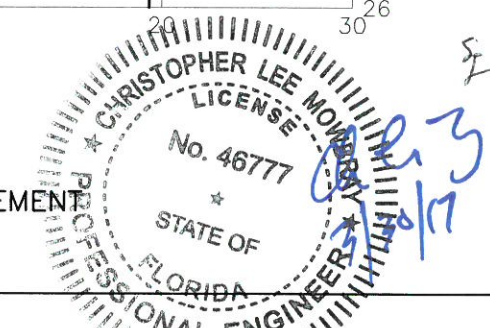
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**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 14+74 TO 16+00**



LEGEND

DE DRAINAGE EASEMENT



NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-604160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V

	BY	DATE
SURVEYED	-	06-07-10
DESIGNED	AAM	07-15-10
DRAWN	MMW/GRF	08-10-10
CHECKED	SF	3-28-17

APPROVED BY:

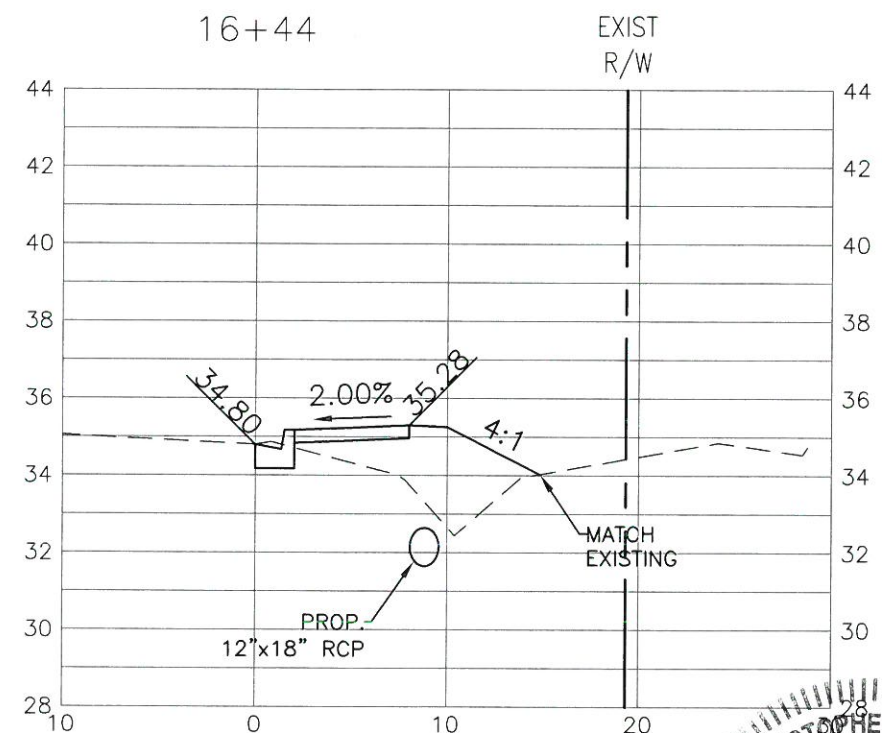
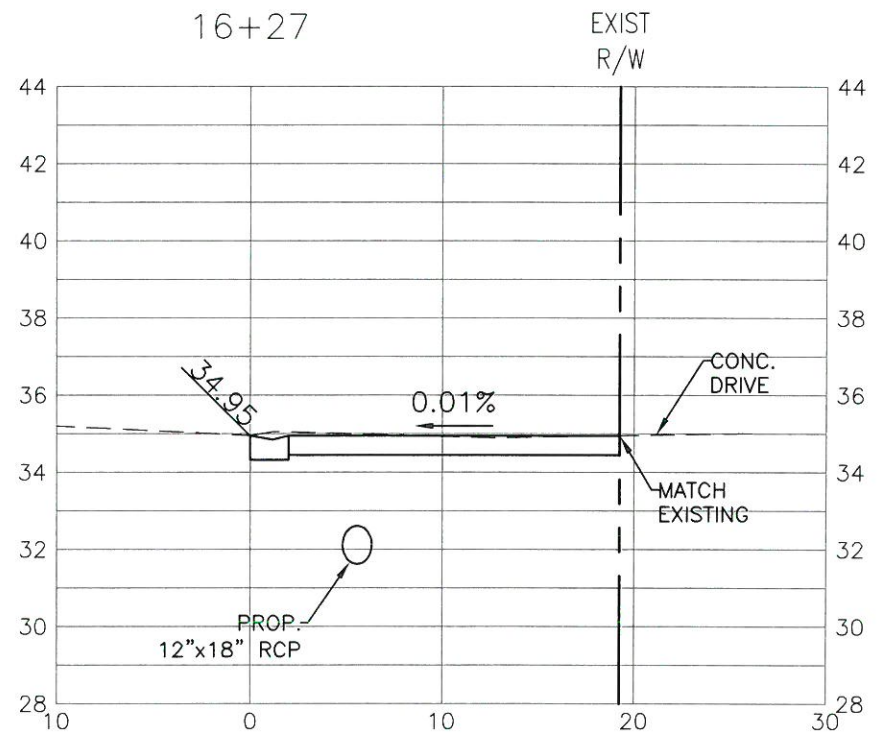
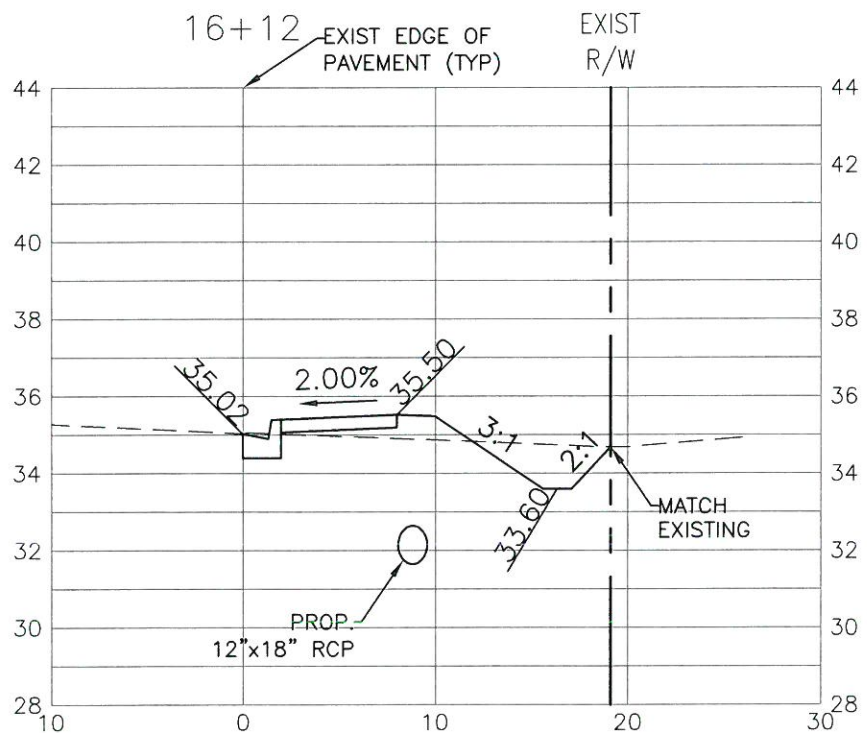
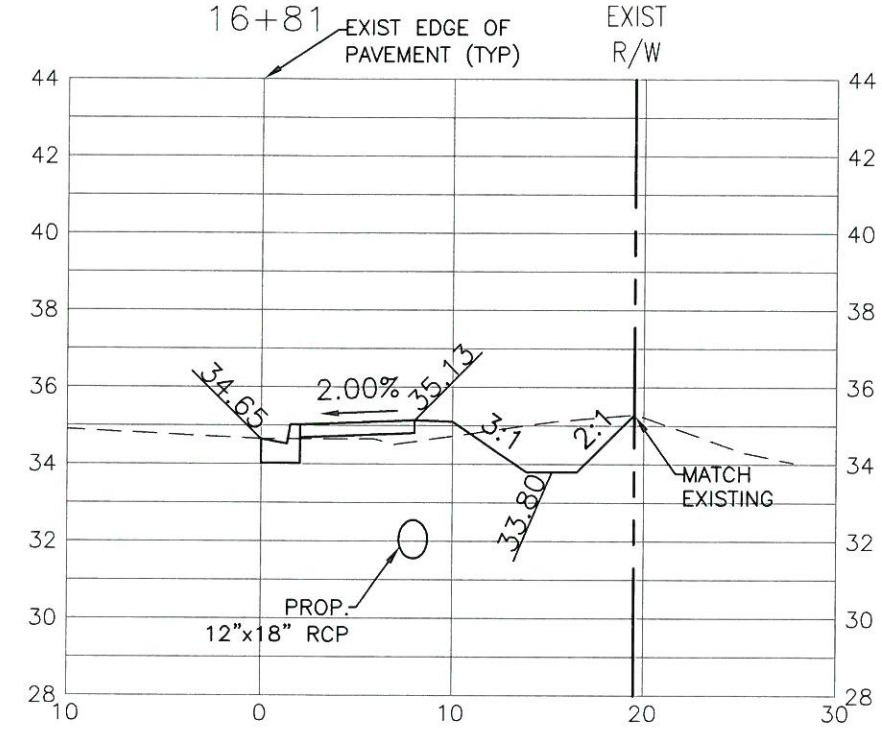
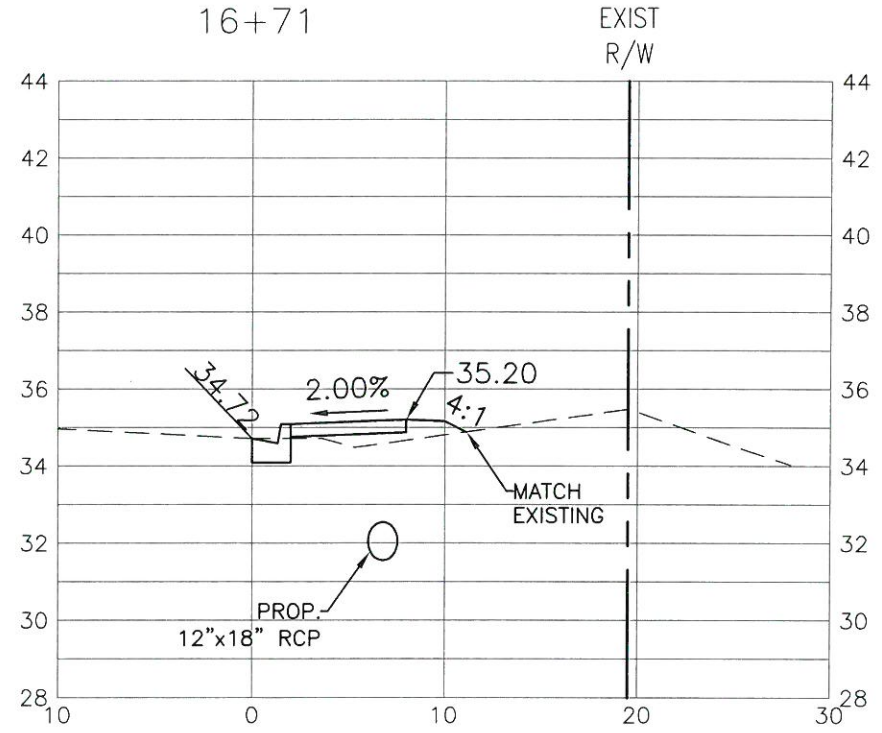
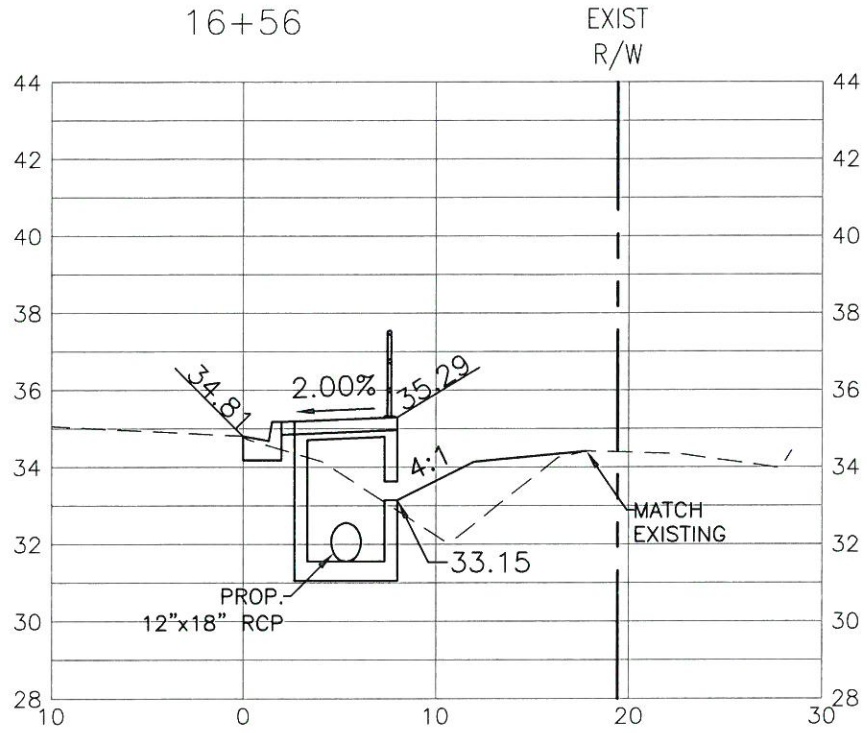
CHRIS L. MOWBRAY
FLORIDA P.E. # 46777
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208

DATE

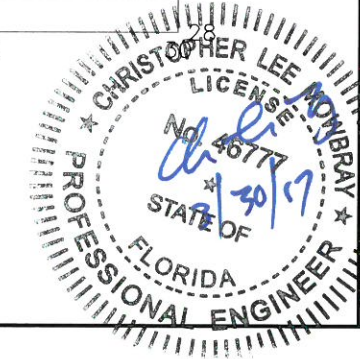
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**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 16+12 TO 16+81**



LEGEND
DE DRAINAGE EASEMENT



NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V
SURVEYED	06-07-10
DESIGNED	AAM 07-15-10
DRAWN	MMW/GRF 08-10-10
CHECKED	SF 3-28-17
APPROVED BY:	
CHRIS L. MOWBRAY FLORIDA P.E. # 46777 MANATEE COUNTY GOVERNMENT TRANSPORTATION DEPARTMENT 1022 26TH AVENUE EAST BRADENTON, FL 34208	
DATE	

SHEET 13

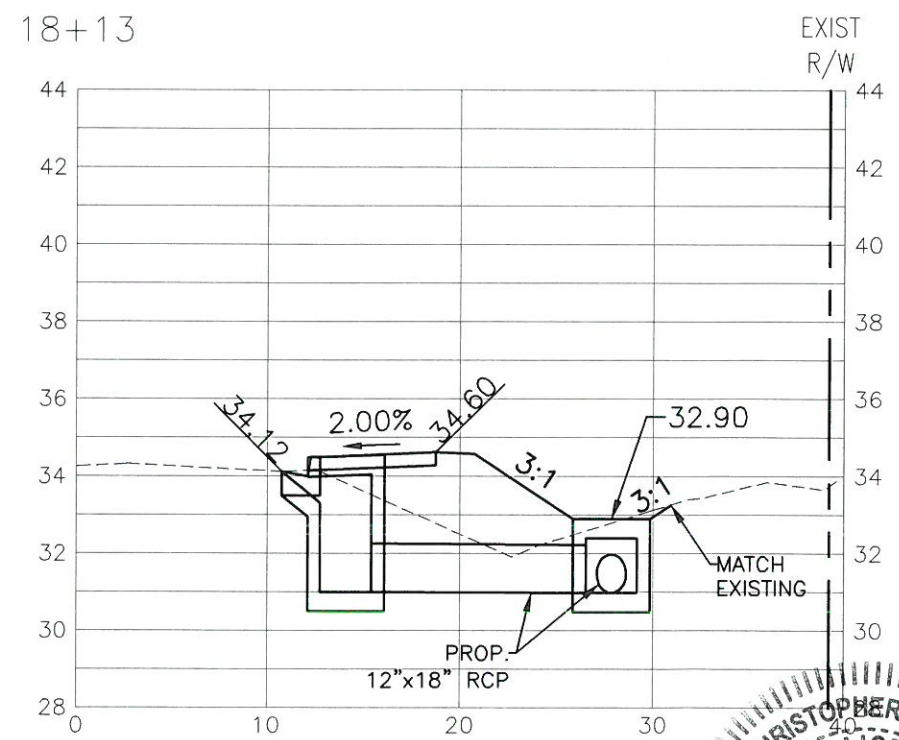
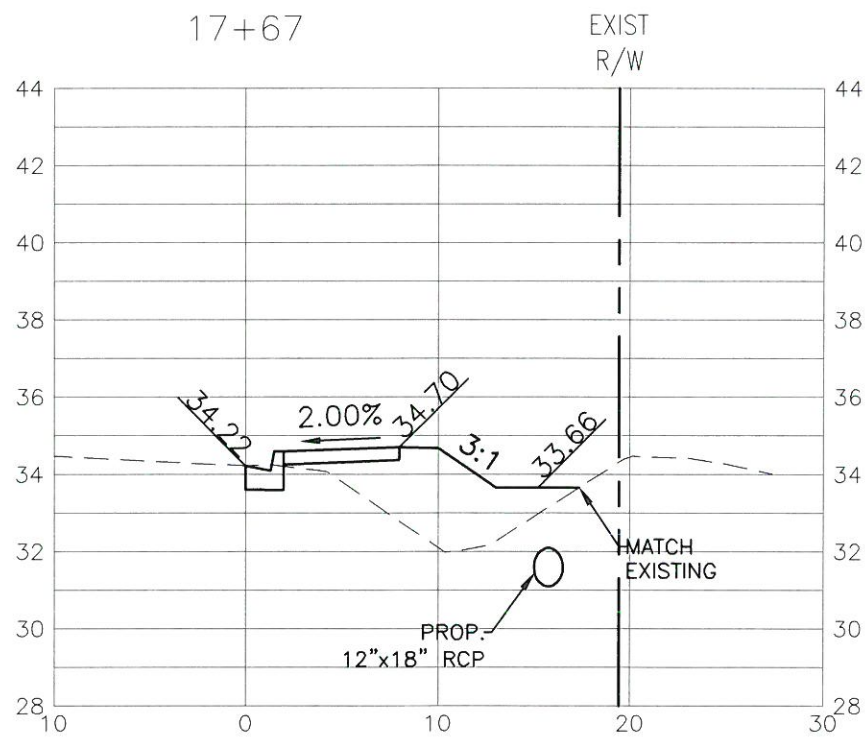
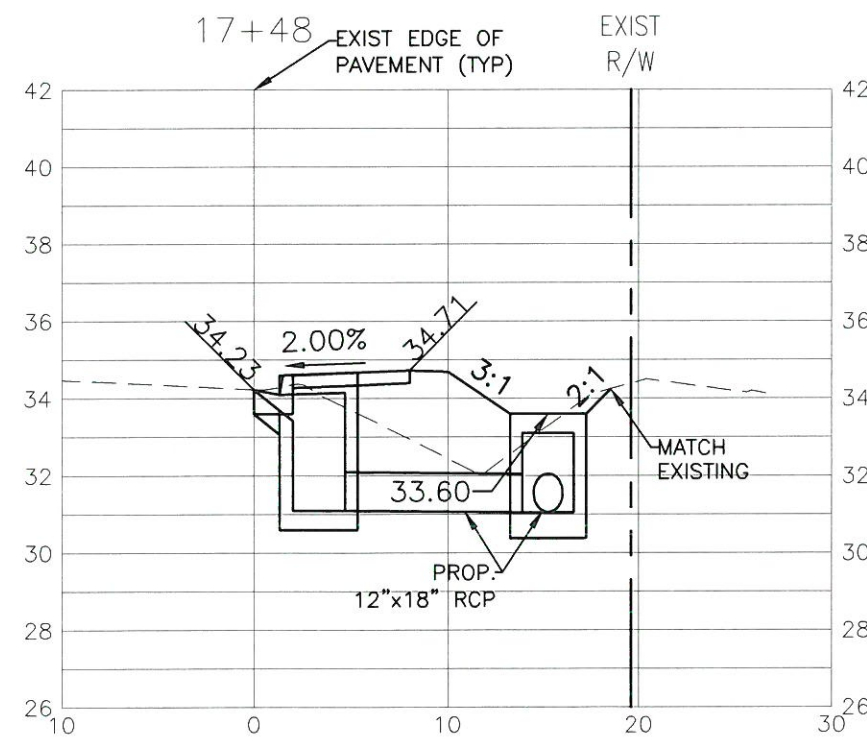
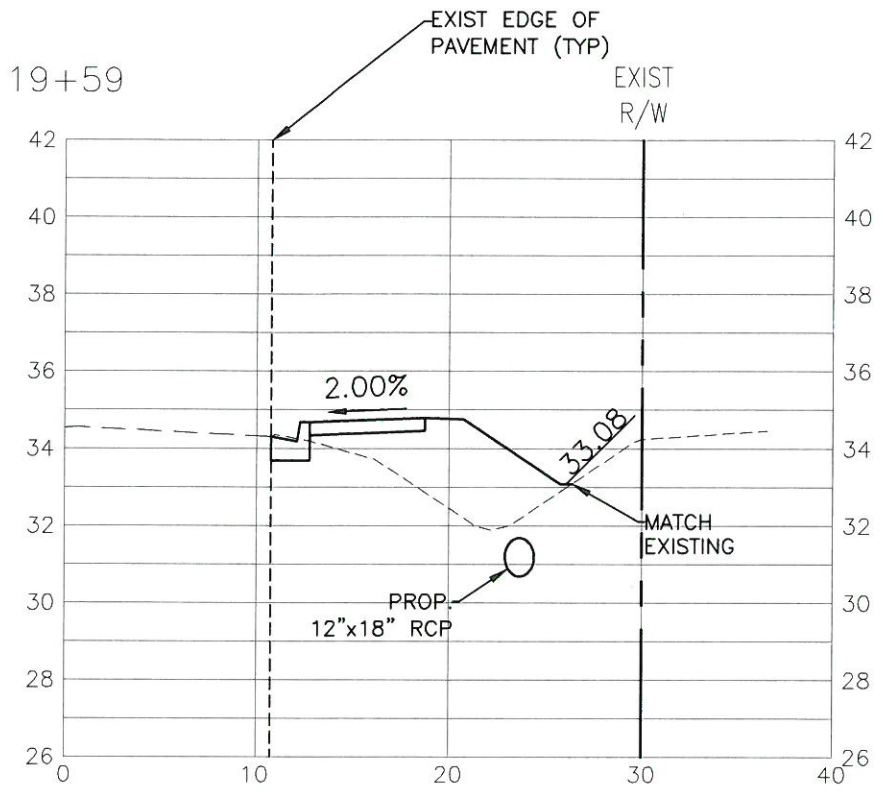
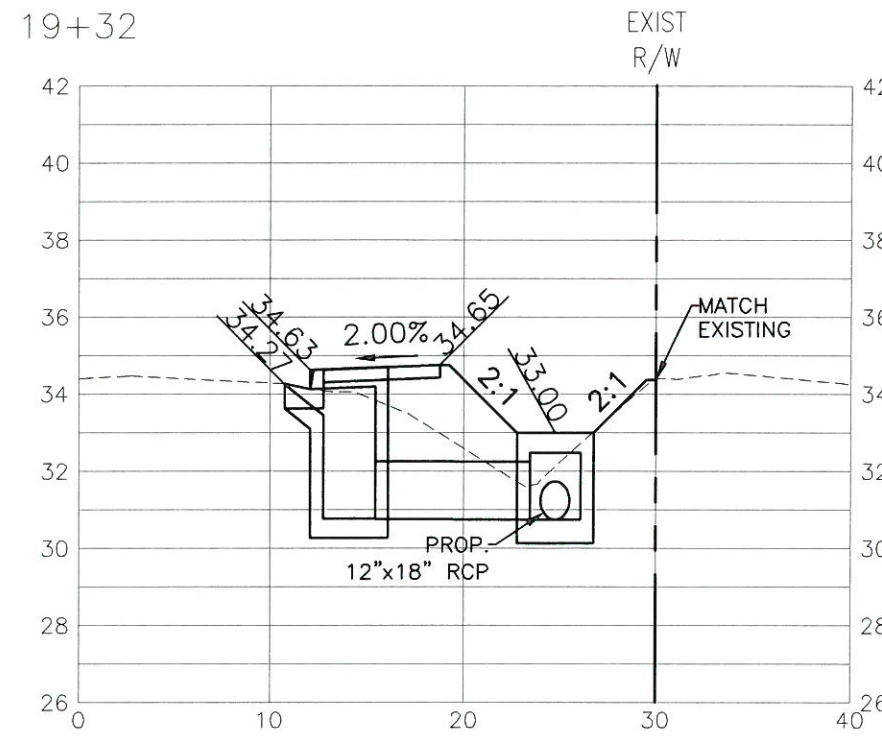
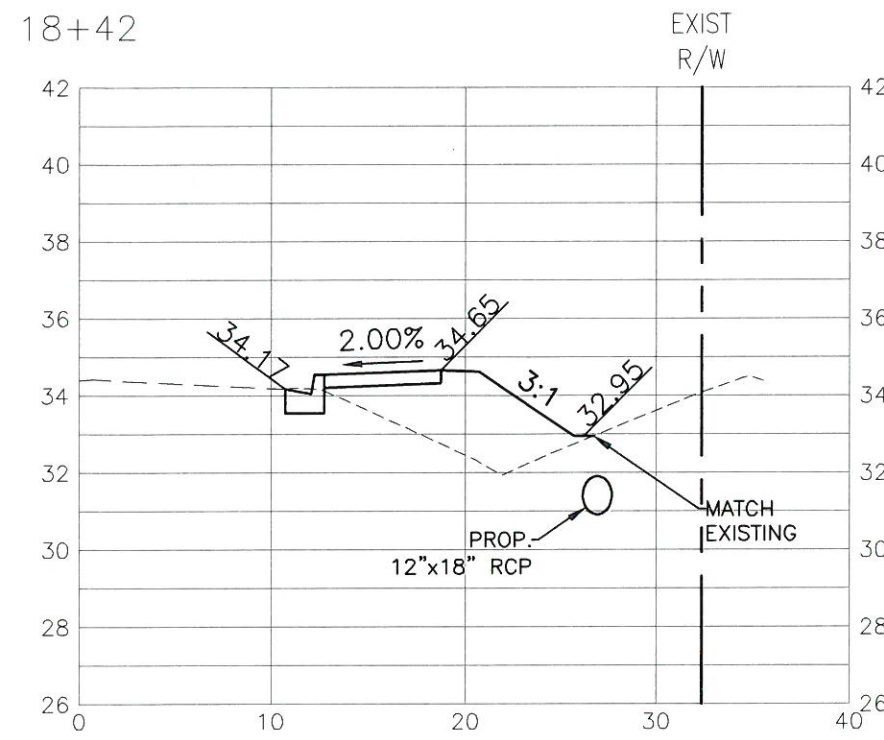
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**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 17+48 TO 20+39**

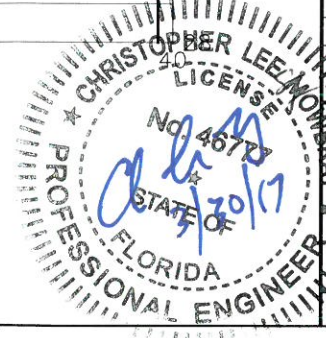
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160	
SURVEY #	0	
SEC./TWN./RGE	01-35-17	
SCALE	1"=10'H/1"=5'V	
SURVEYED	BY	DATE
DESIGNED	AAM	07-15-10
DRAWN	MMW/GRF	08-10-10
CHECKED	SF	3-28-17

APPROVED BY:
CHRIS L. MOWBRAY
FLORIDA P.E. # 46777
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208

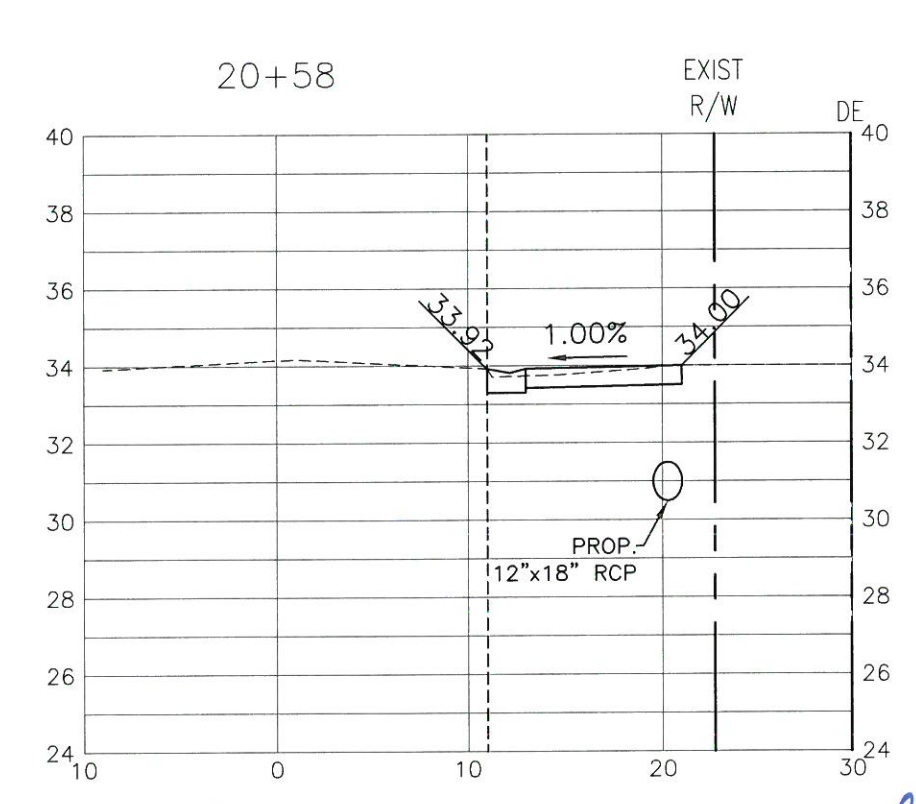
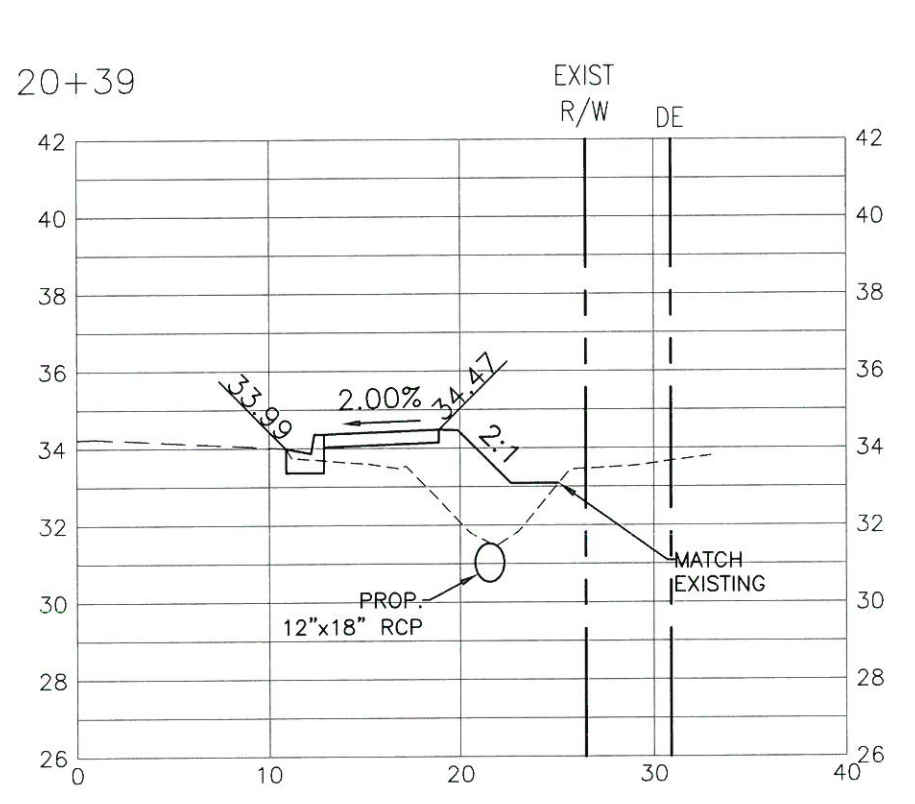
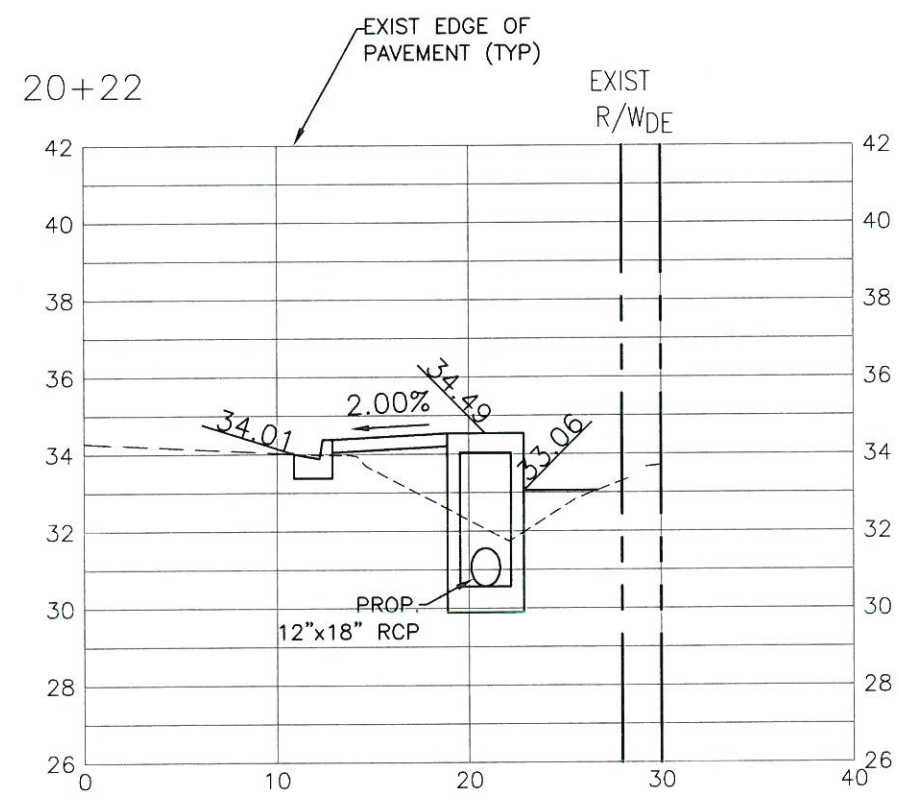
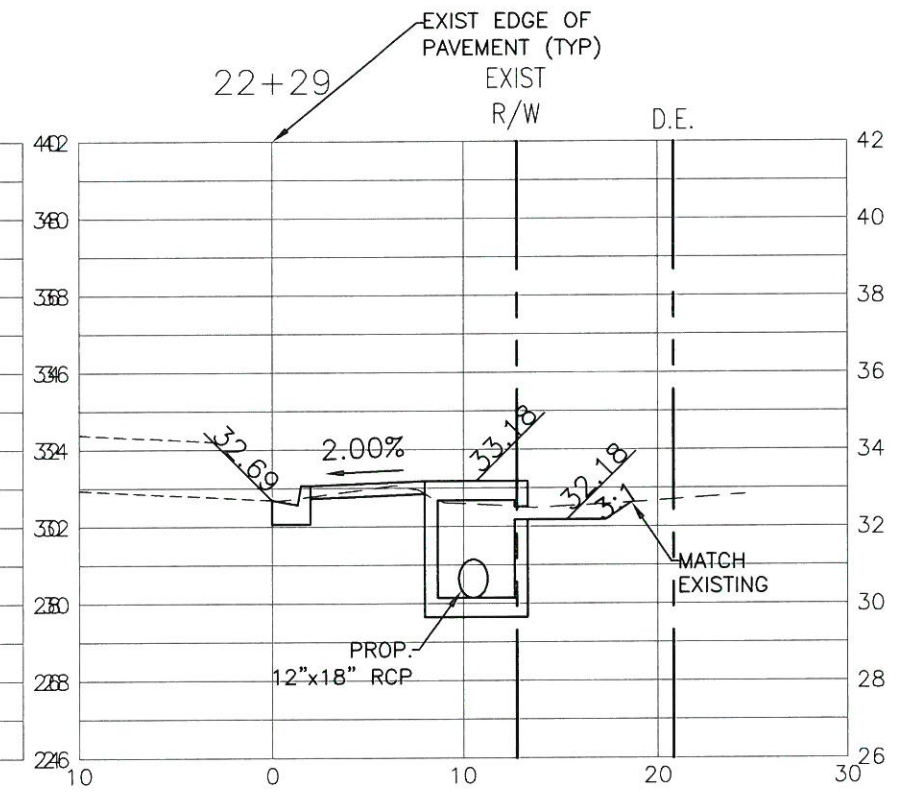
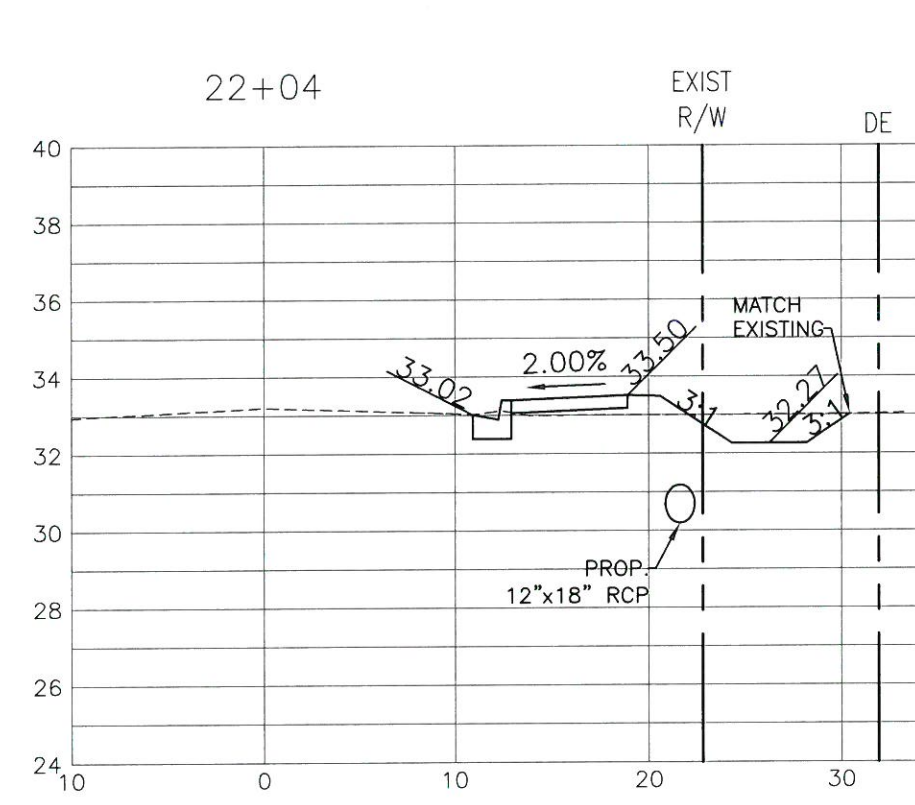
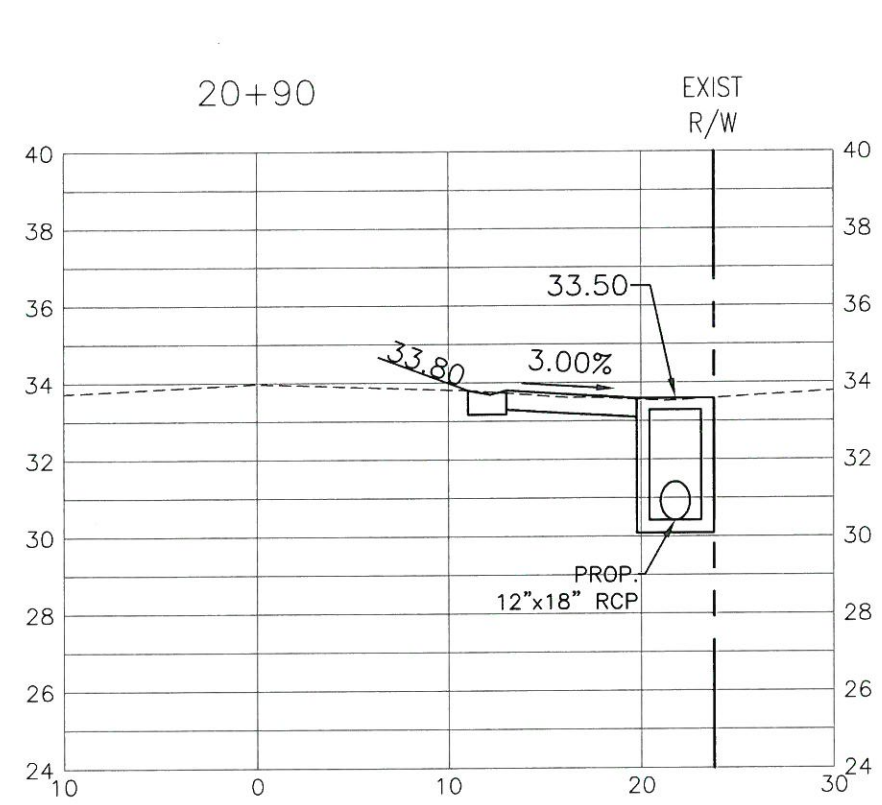


LEGEND
DE DRAINAGE EASEMENT



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**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 22+29 TO 23+19**



LEGEND
DE DRAINAGE EASEMENT

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V

	BY	DATE
SURVEYED		06-07-10
DESIGNED		07-15-10
DRAWN		08-10-10
CHECKED		08-17-10

APPROVED BY:
CHRIS L. MOWBRAY
FLORIDA P.E. # 46778
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208

Chris L. Mowbray
3/20/17

S:\PMD_Engineering\Shara\Highway_Engineering\PROJECTS\30th_Ave_E_-_27th_St_E_to_15th_St_E\DWG_Original_Files\ROWLETT_23F-1-section-mont2017.dwg, 11:11:17

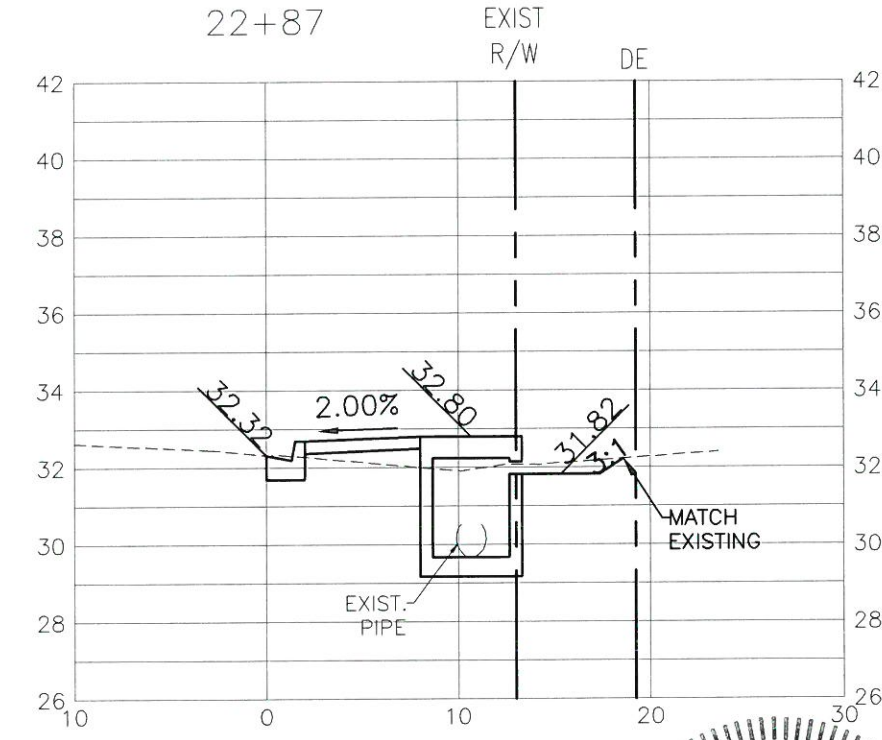
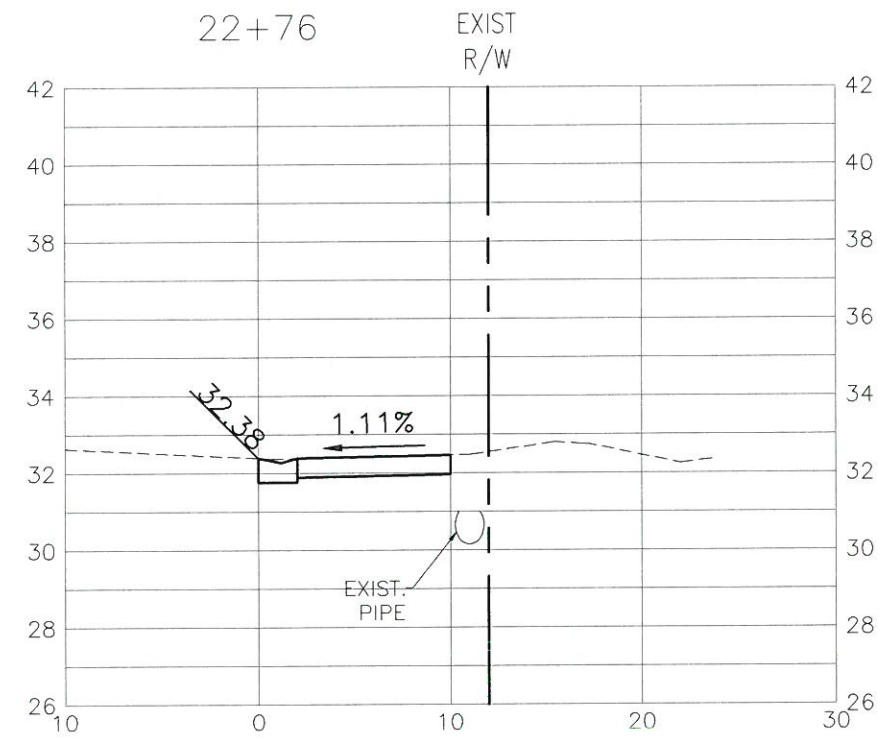
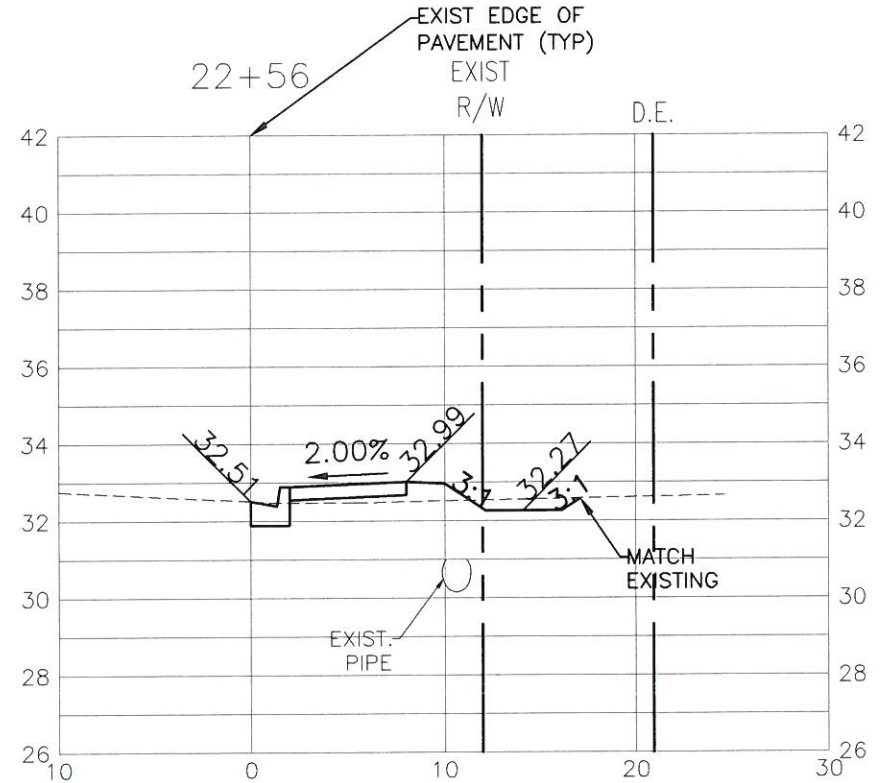
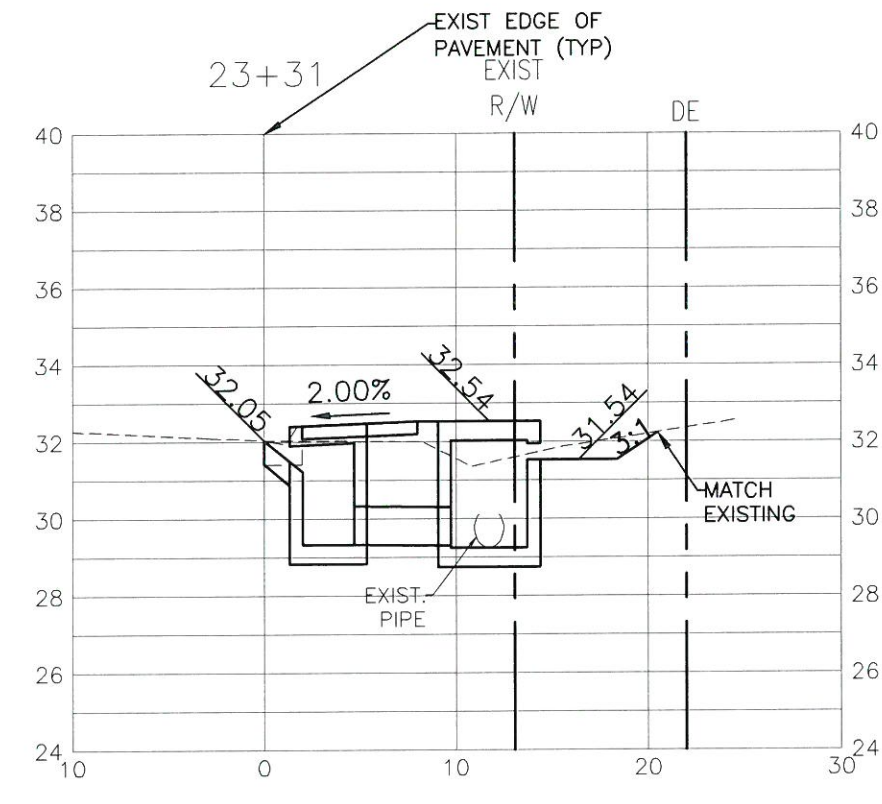
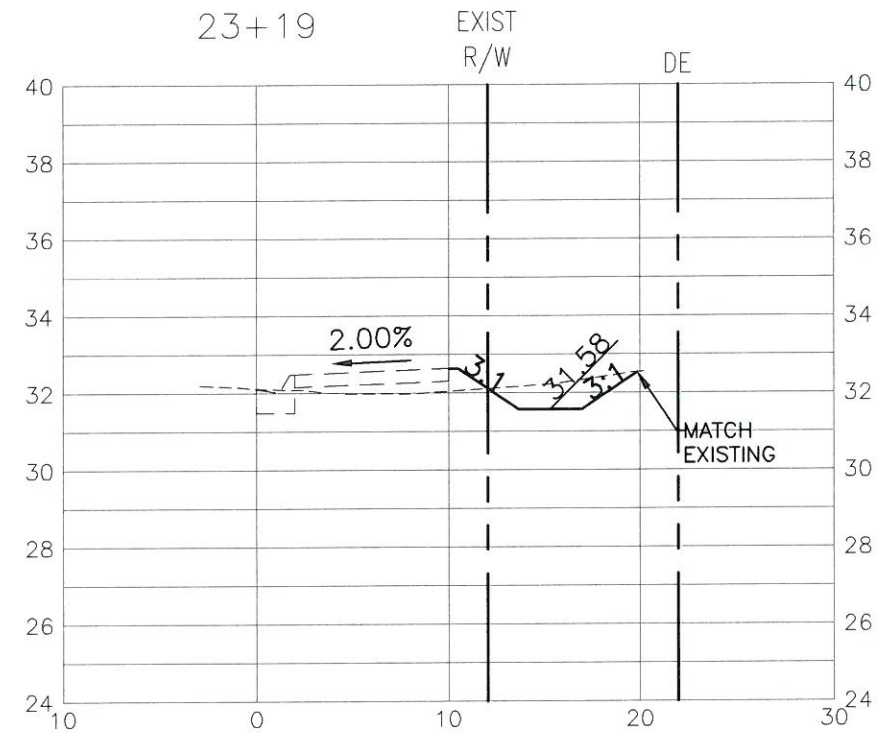
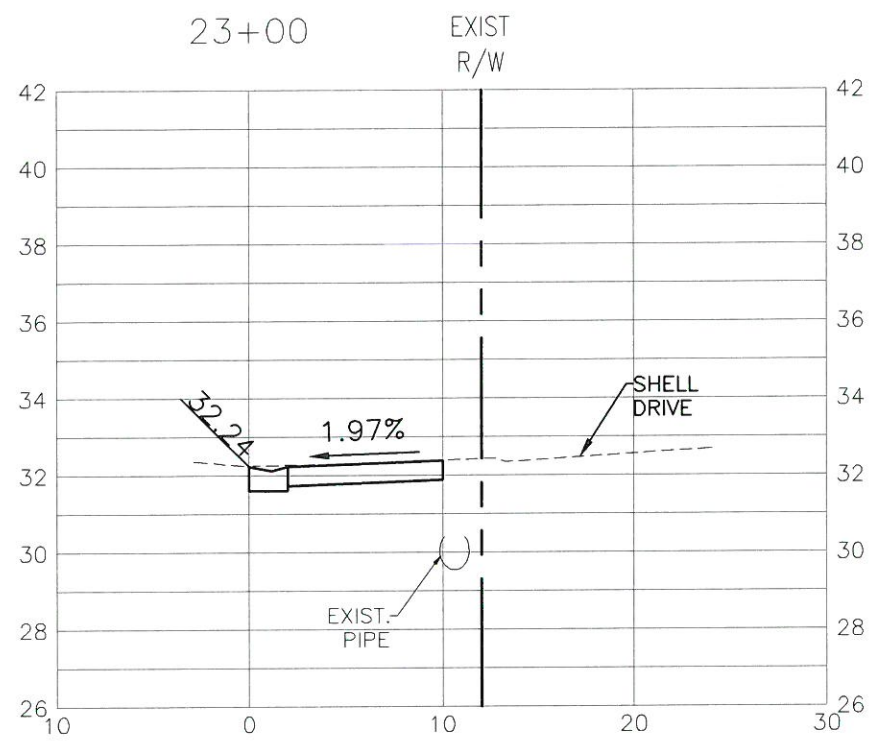
**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 23+31 TO 24+18**

NO.	REVISION DESCRIPTION	BY	DATE

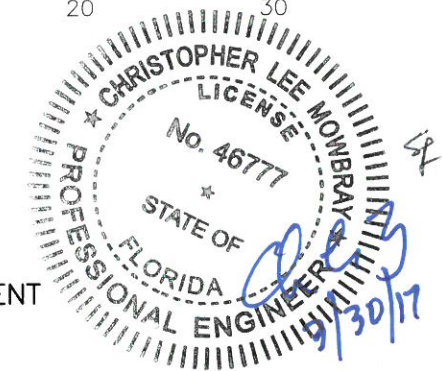
PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V

	BY	DATE
SURVEYED	-	06-07-10
DESIGNED	AAM	07-15-10
DRAWN	MMW/GRF	08-10-10
CHECKED	SF	3-28-17

APPROVED BY:
CHRIS L. MOWBRAY
FLORIDA P.E. # 46777
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208



LEGEND
DE DRAINAGE EASEMENT



S:\P\02_Engineering_Schools\Highway_Engineering\VAR\015\30th_Ave_E_-_27th_St_E_to_15th_St_E\DWG\Original\Plan_ROWLETT.dwg, 16 cs-16_3/28/2017 3:17 PM Thom Forrester, P.E., ANSI full bleed B (17.00 x 11.00 inches)

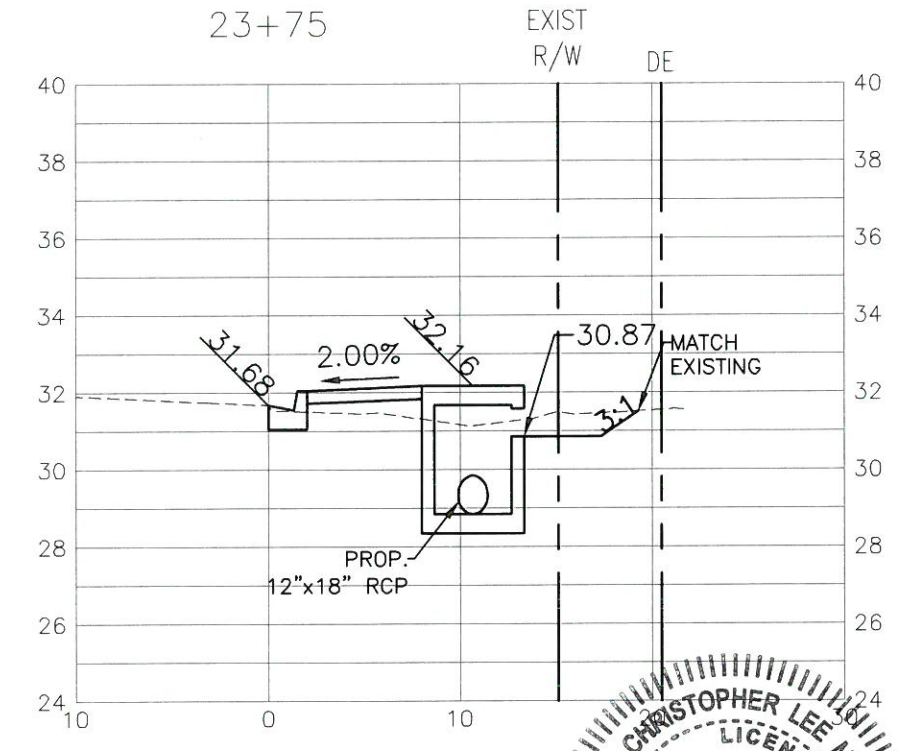
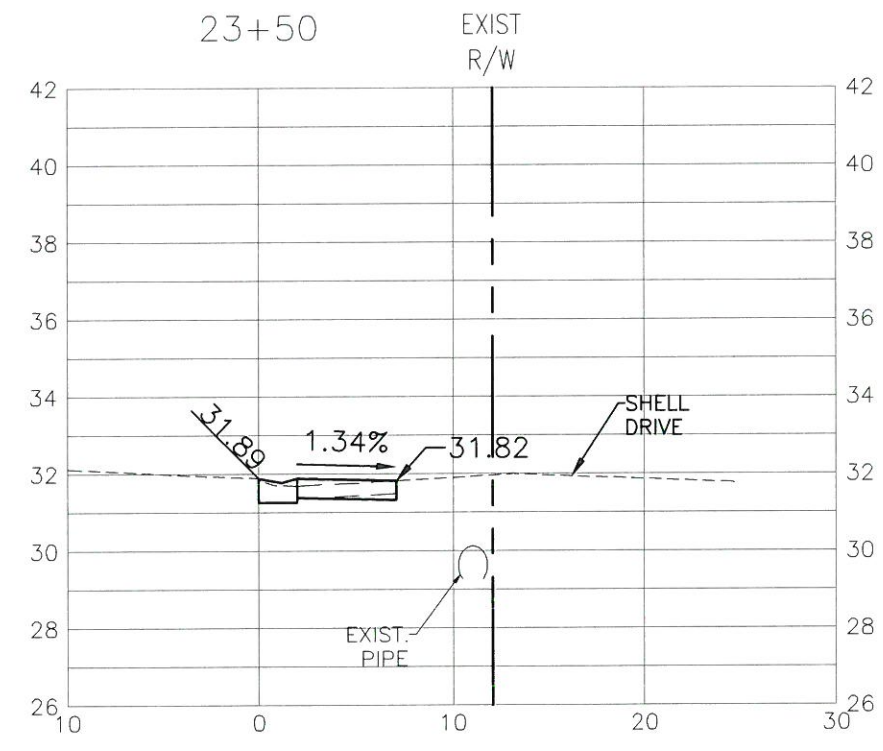
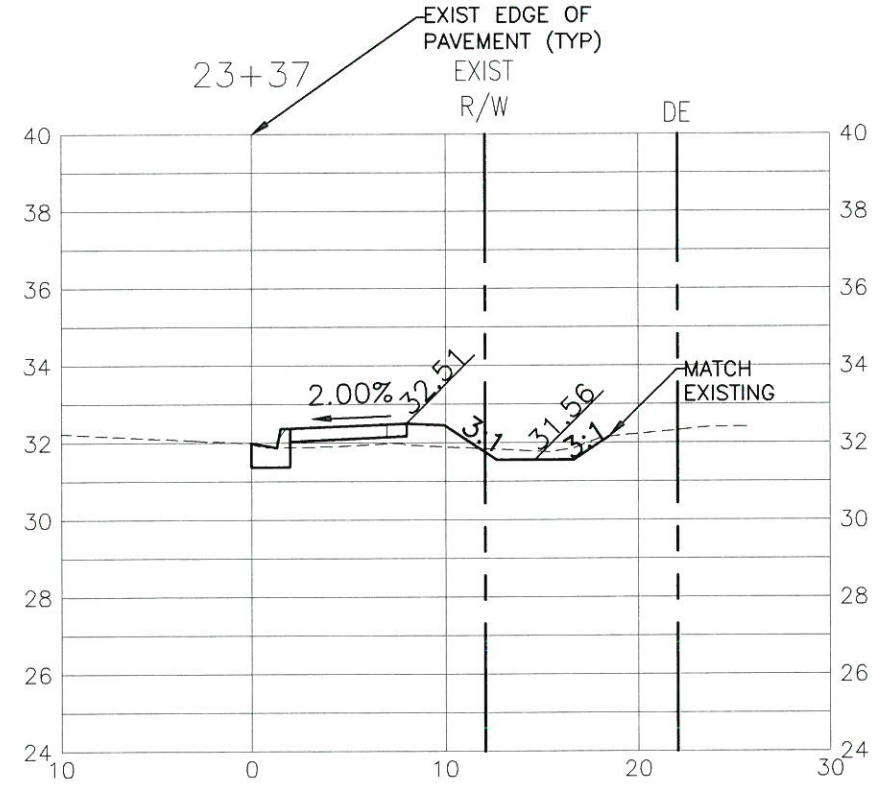
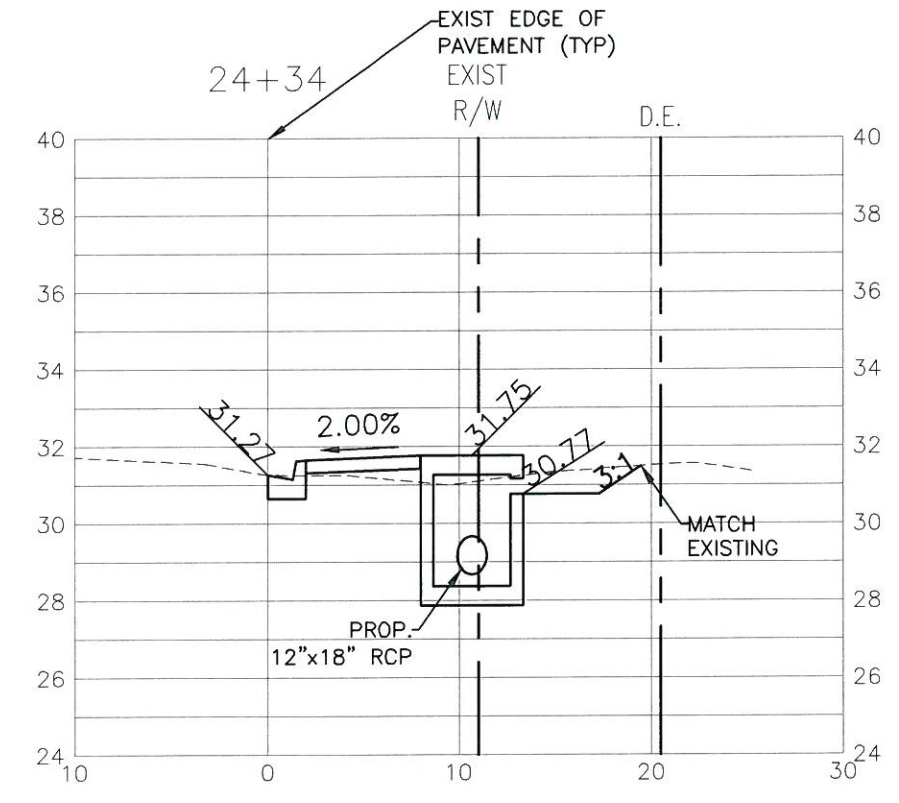
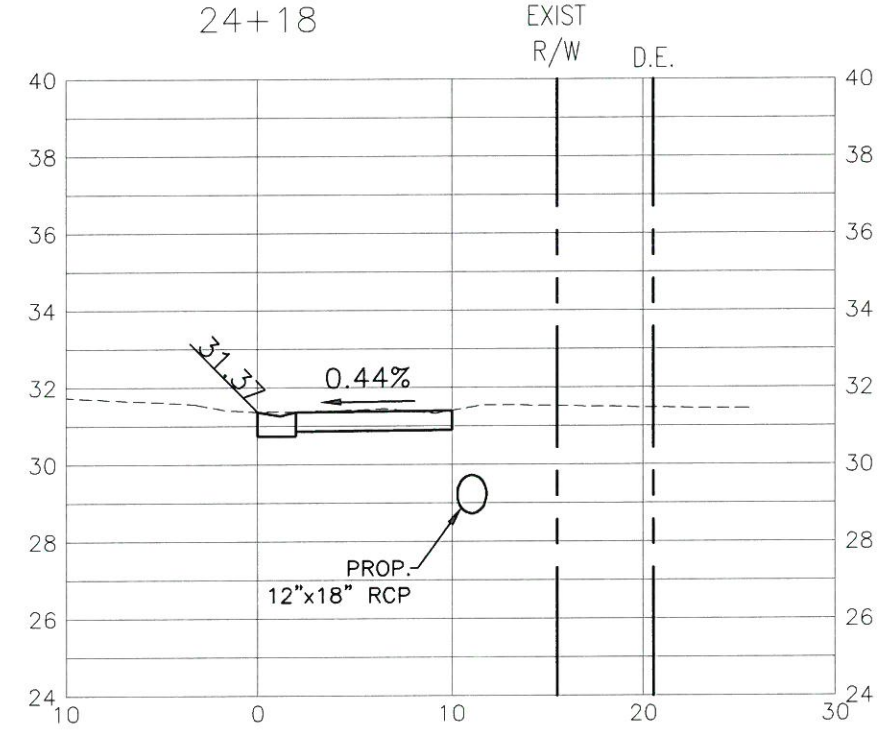
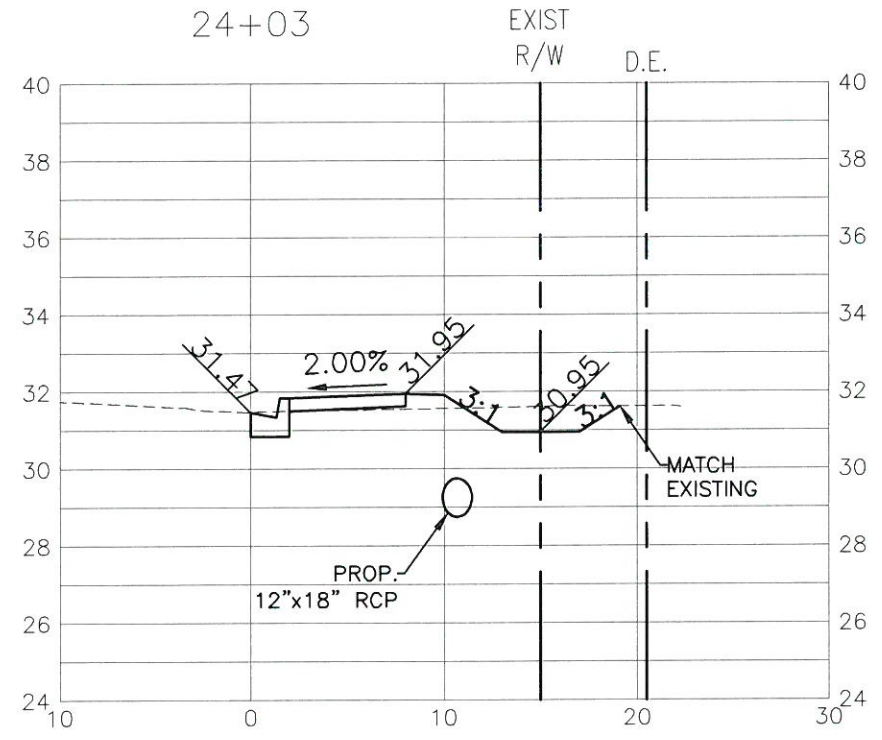
**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 24+34 TO 26+47**

NO.	REVISION DESCRIPTION	BY	DATE

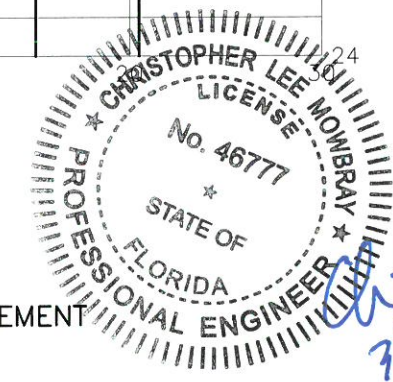
PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V

	BY	DATE
SURVEYED	-	06-07-10
DESIGNED	AAM	07-15-10
DRAWN	MMW/GRF	08-10-10
CHECKED	SF	3-28-17

APPROVED BY:
CHRIS L. MOWBRAY
FLORIDA P.E. # 46777
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208



LEGEND
DE DRAINAGE EASEMENT



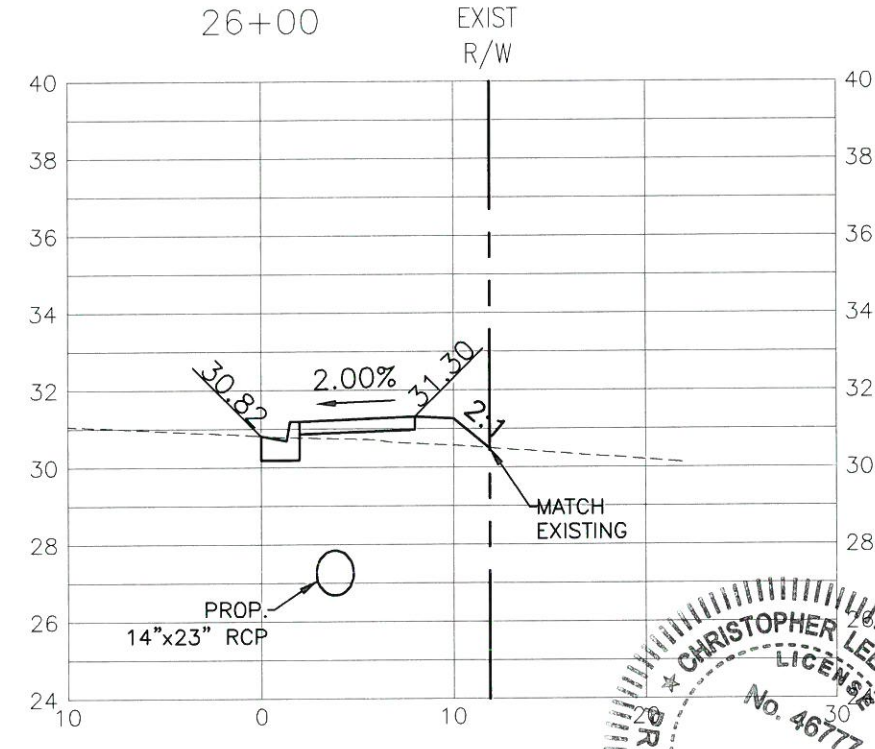
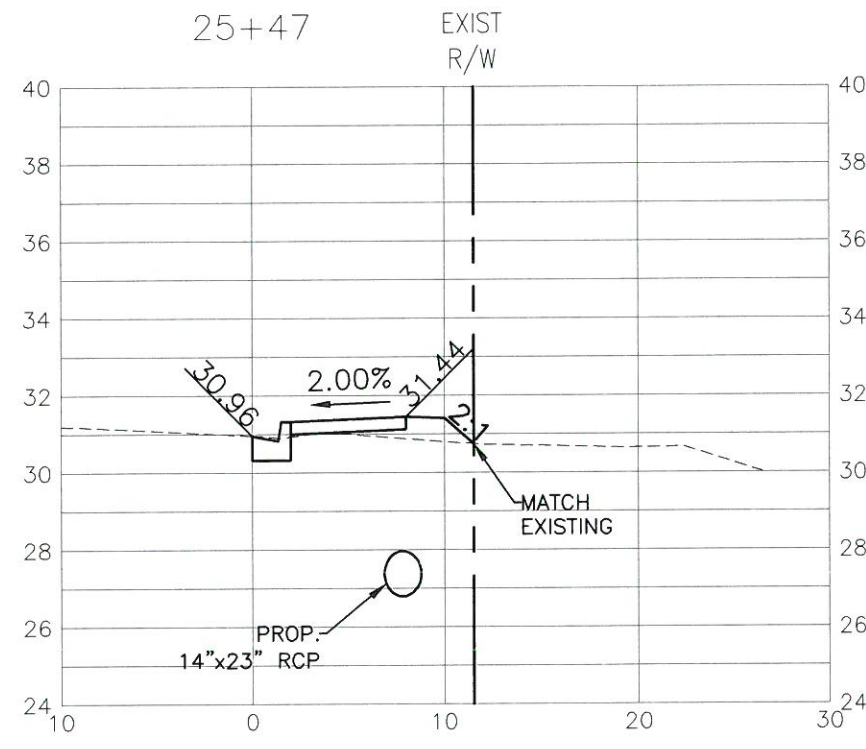
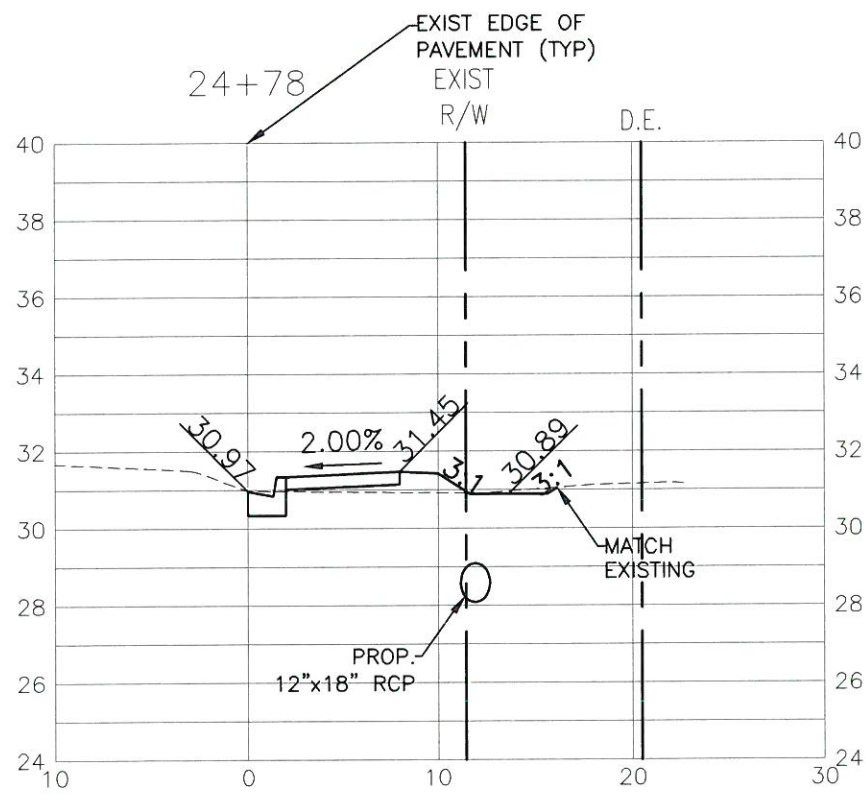
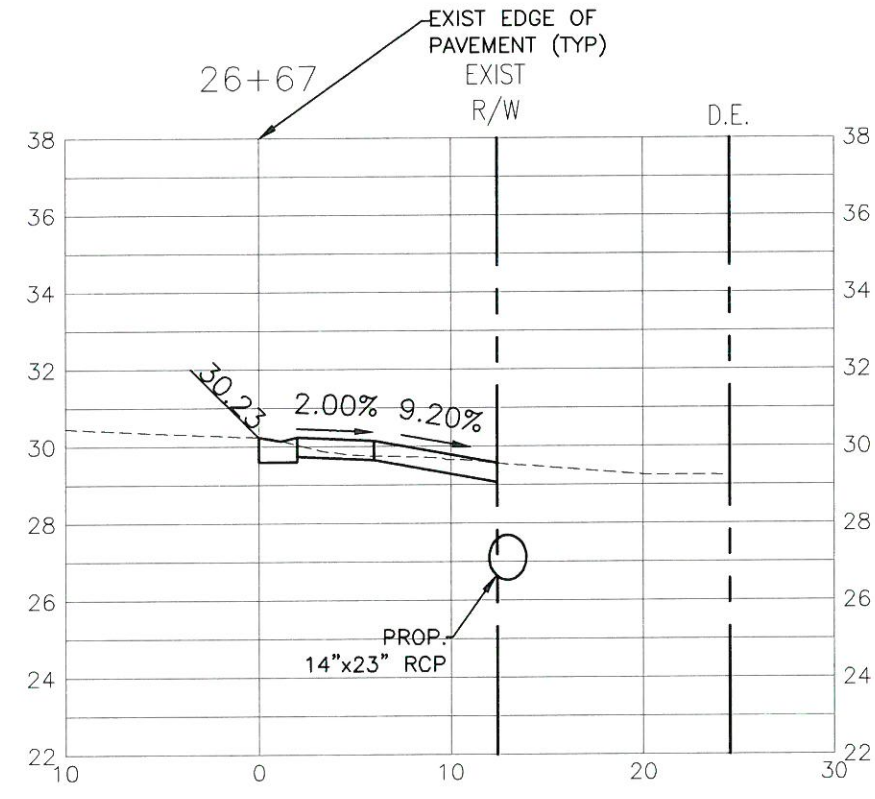
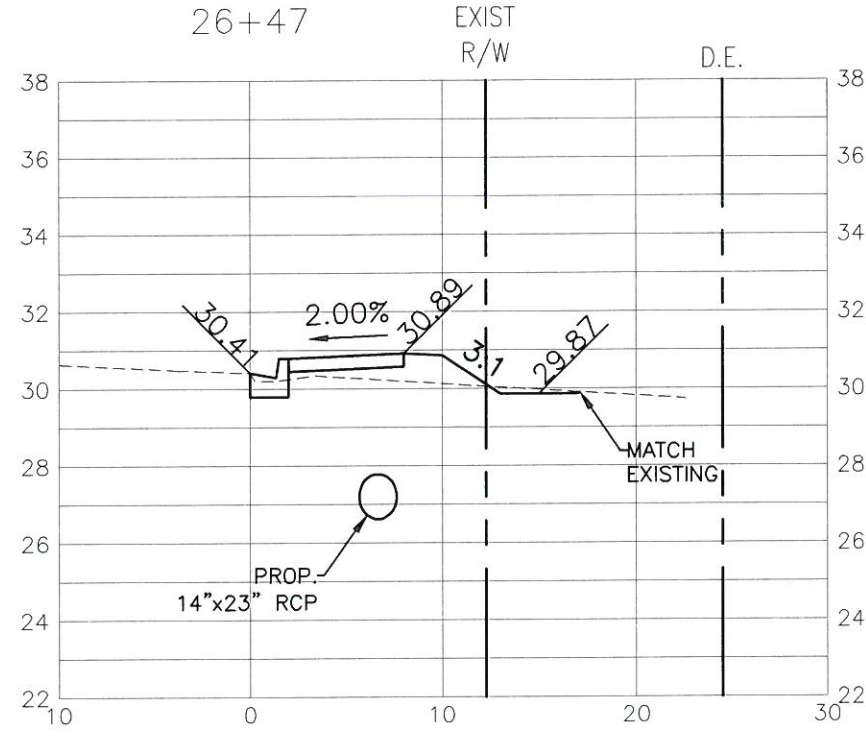
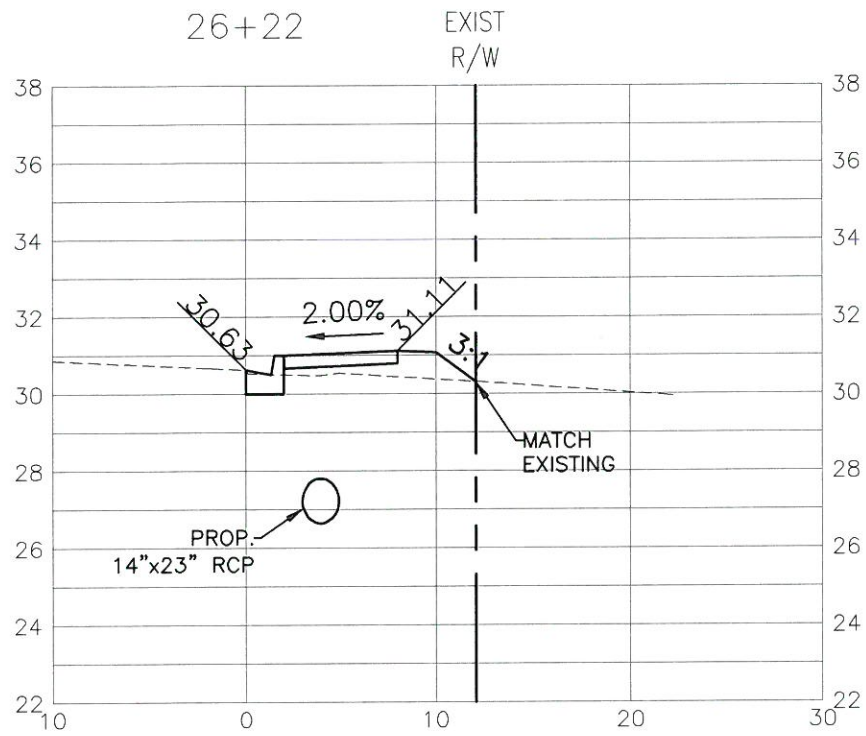
SF
3/30/17

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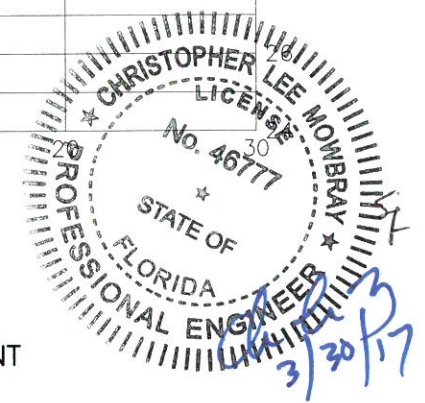
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**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 26+67 TO 27+50**



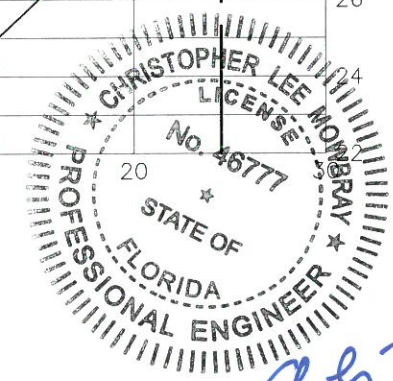
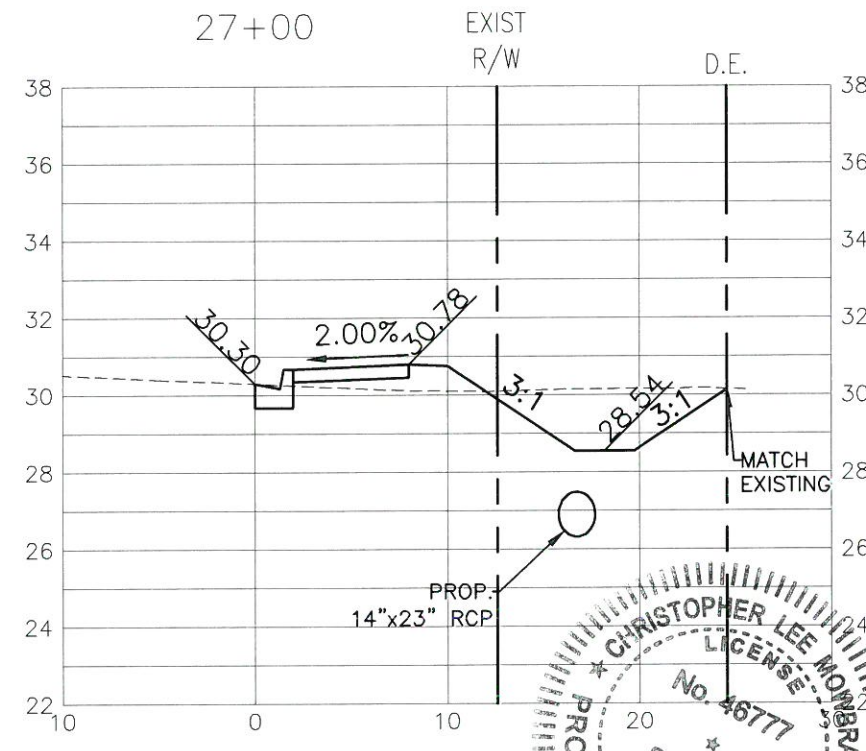
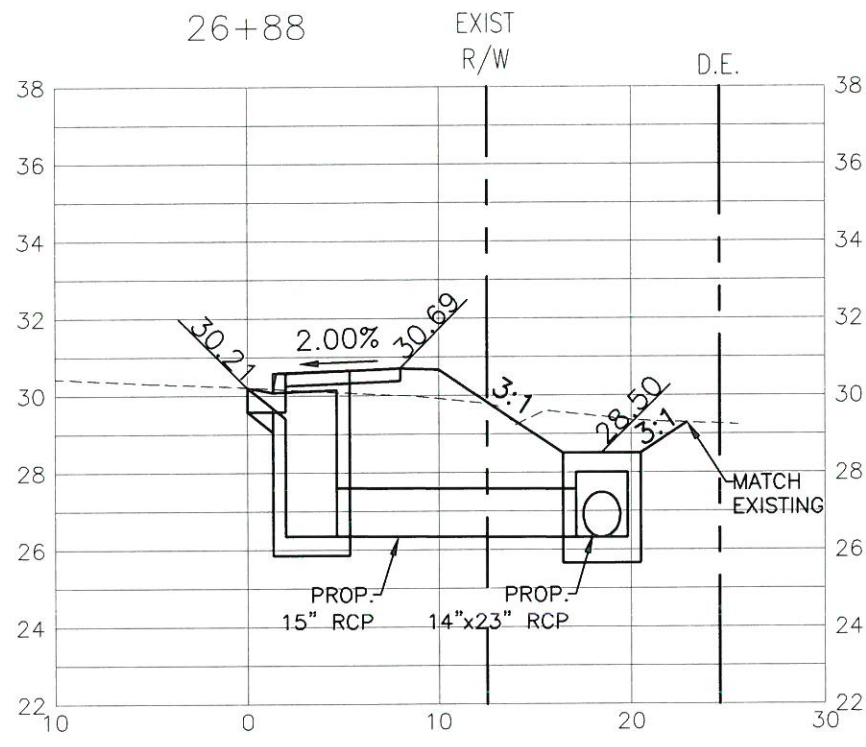
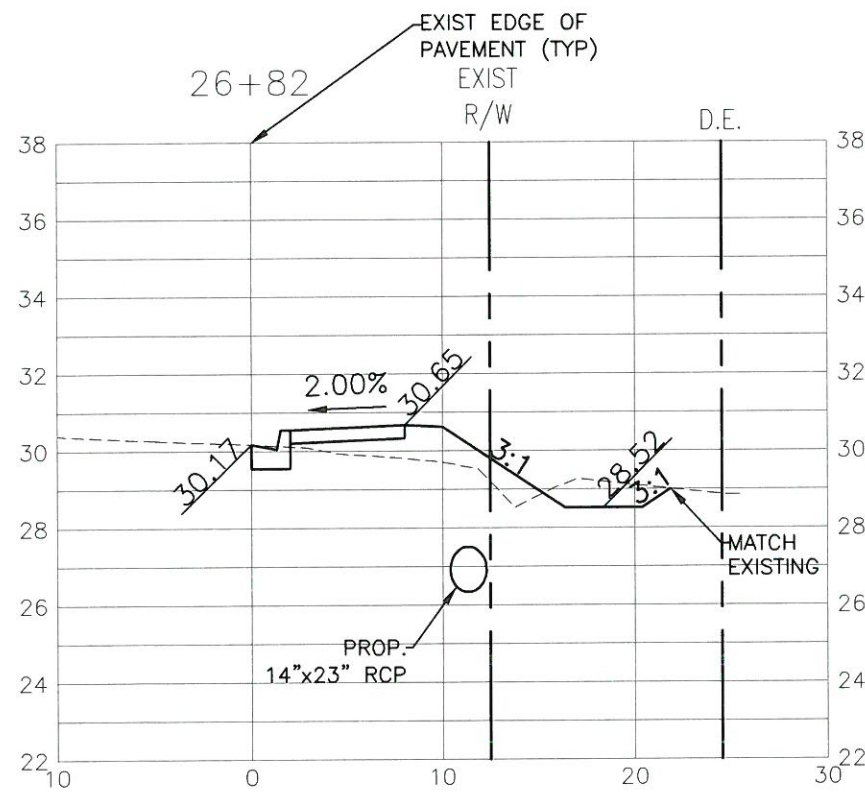
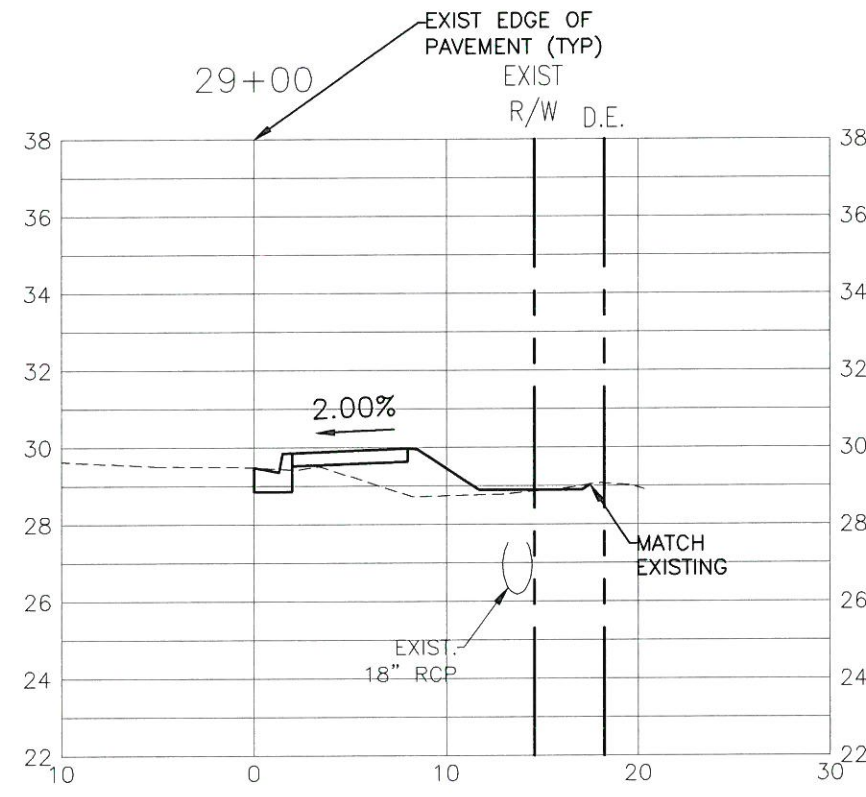
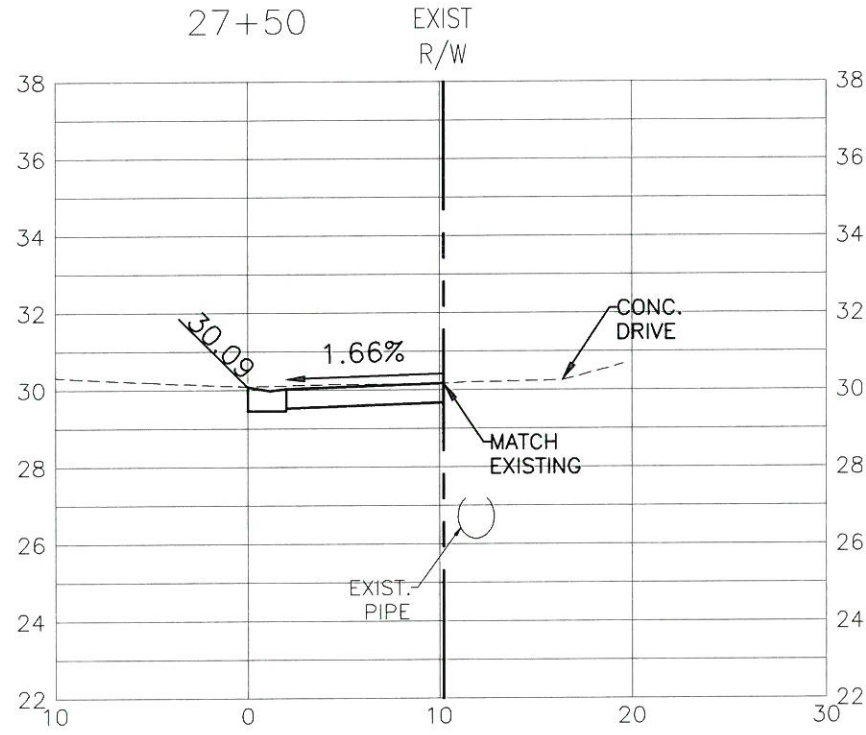
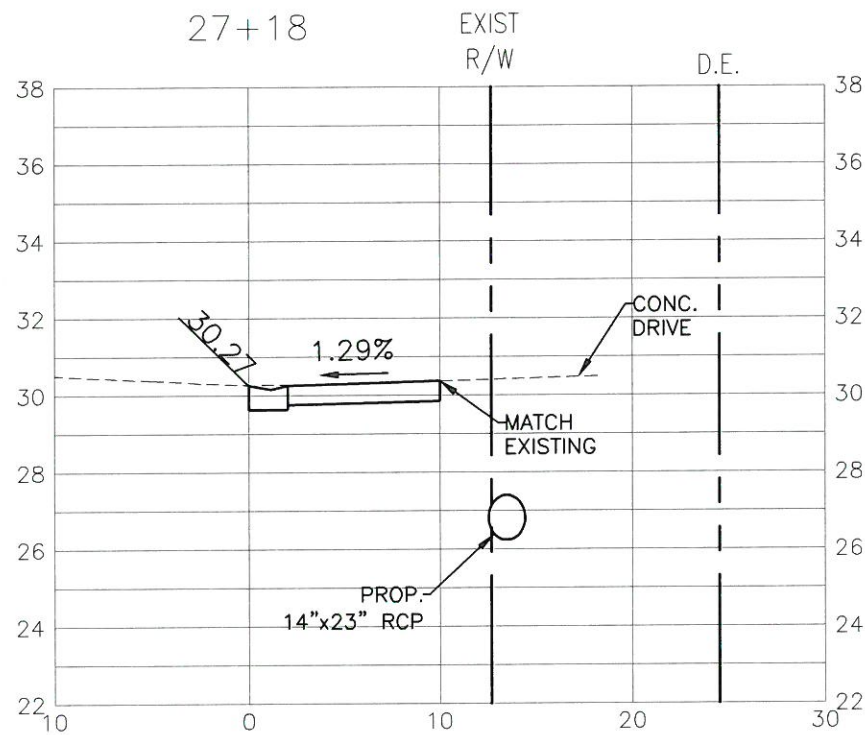
LEGEND
DE DRAINAGE EASEMENT



NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V
SURVEYED	- 06-07-10
DESIGNED	AAM 07-15-10
DRAWN	MMW/GRF 08-10-10
CHECKED	SF 3-28-17
APPROVED BY:	
CHRIS L. MOWBRAY FLORIDA P.E. # 46777 MANATEE COUNTY GOVERNMENT TRANSPORTATION DEPARTMENT 1022 26TH AVENUE EAST BRADENTON, FL 34208	
DATE	

**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 29+00 TO 30+23**



LEGEND
DE DRAINAGE EASEMENT

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V

	BY	DATE
SURVEYED	-	06-07-10
DESIGNED	AAM	07-15-10
DRAWN	MMW/GRF	08-10-10
CHECKED	SF	3-28-17

APPROVED BY:

CHRIS L. MOWBRAY
FLORIDA P.E. # 46777
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208

DATE

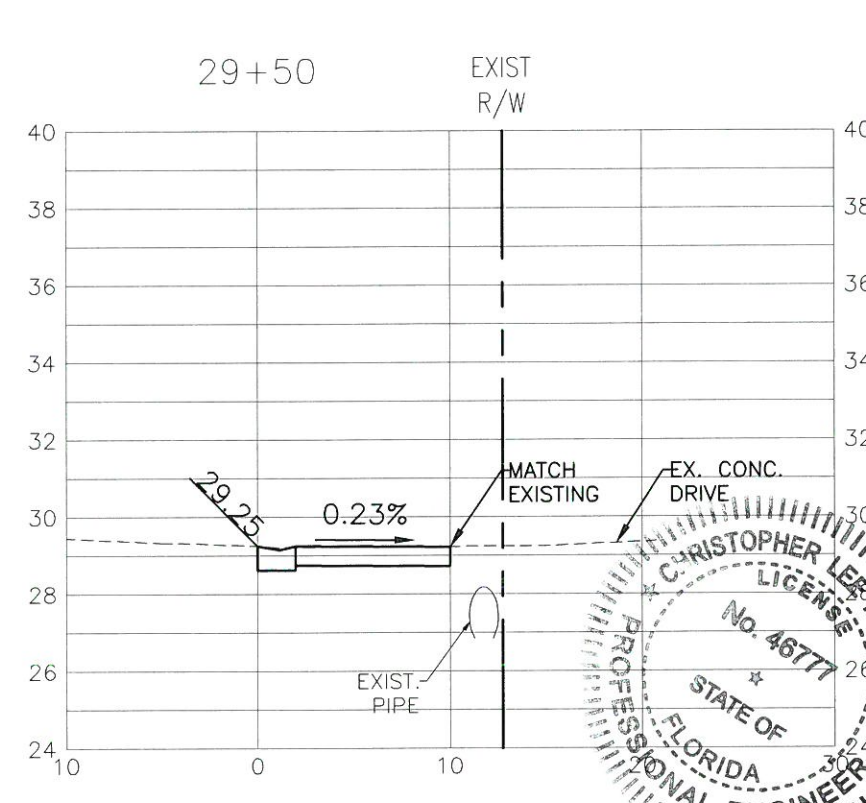
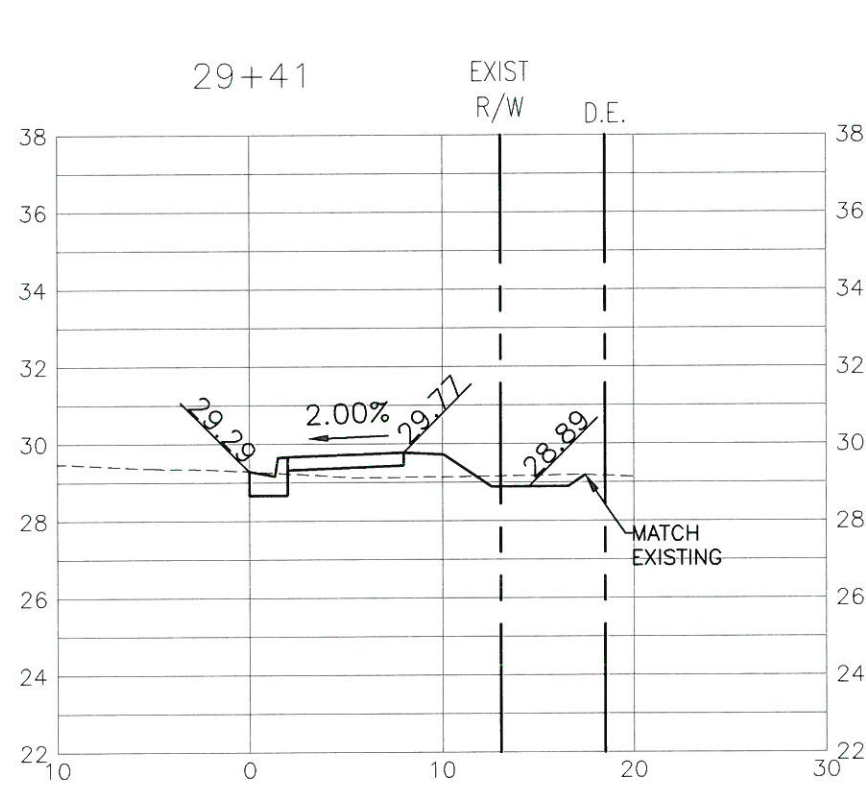
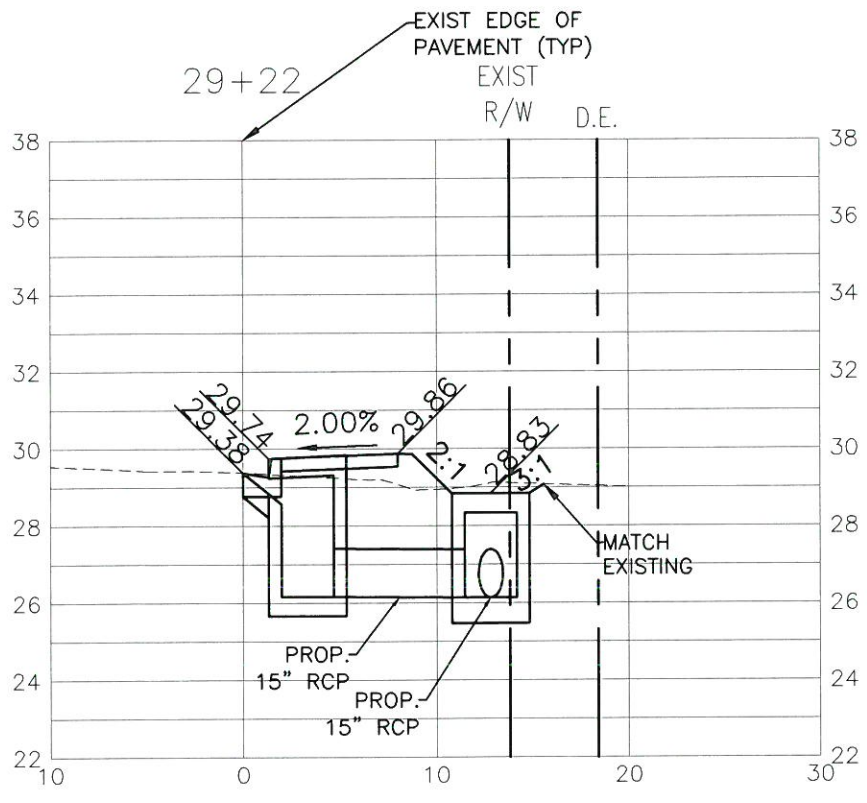
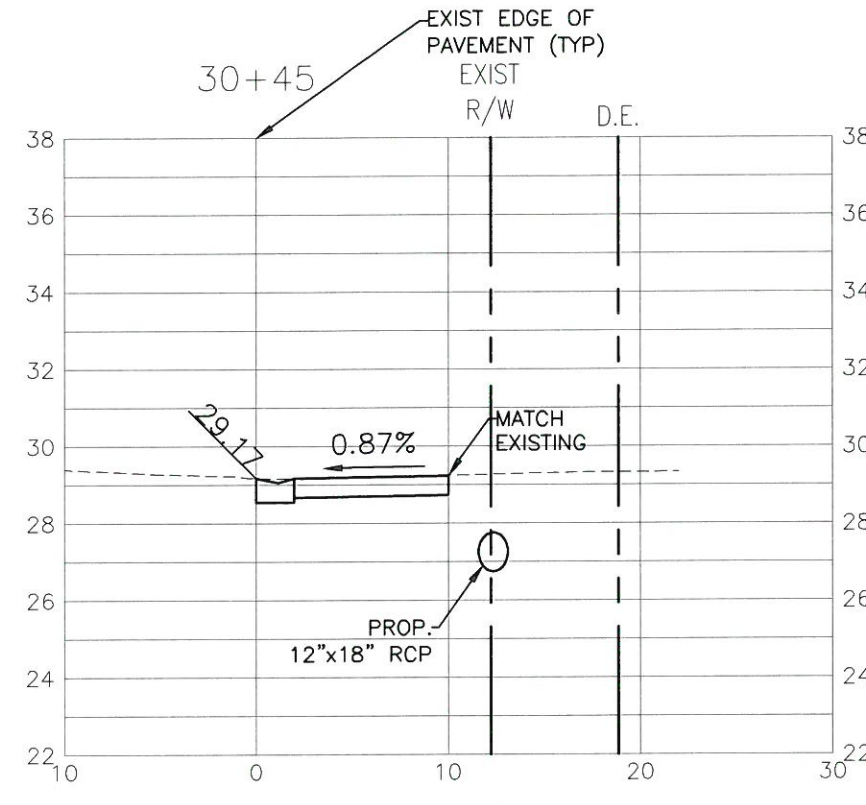
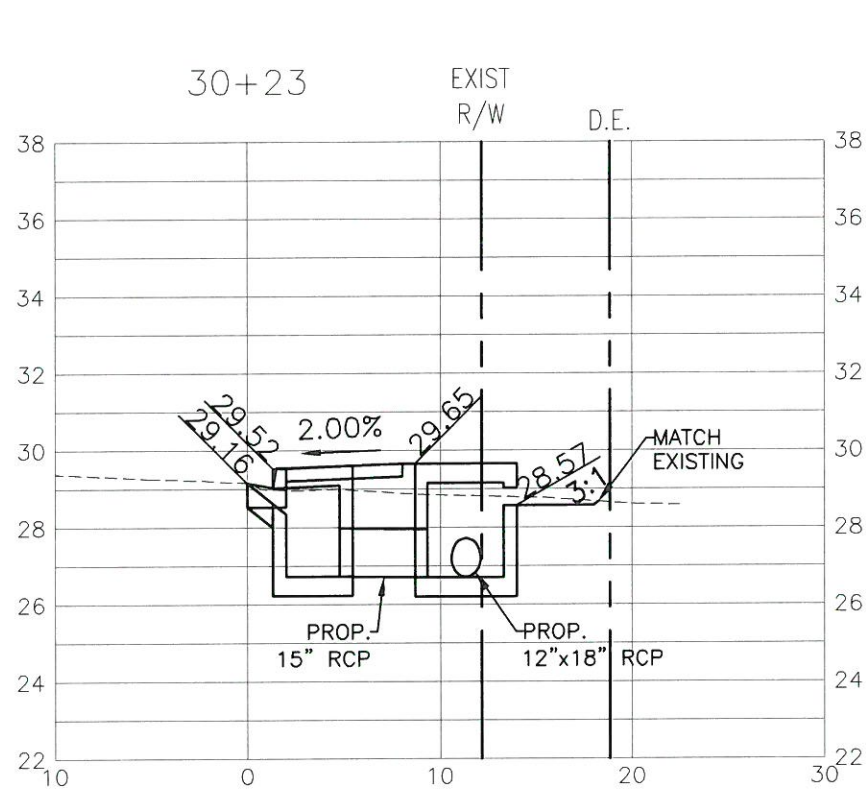
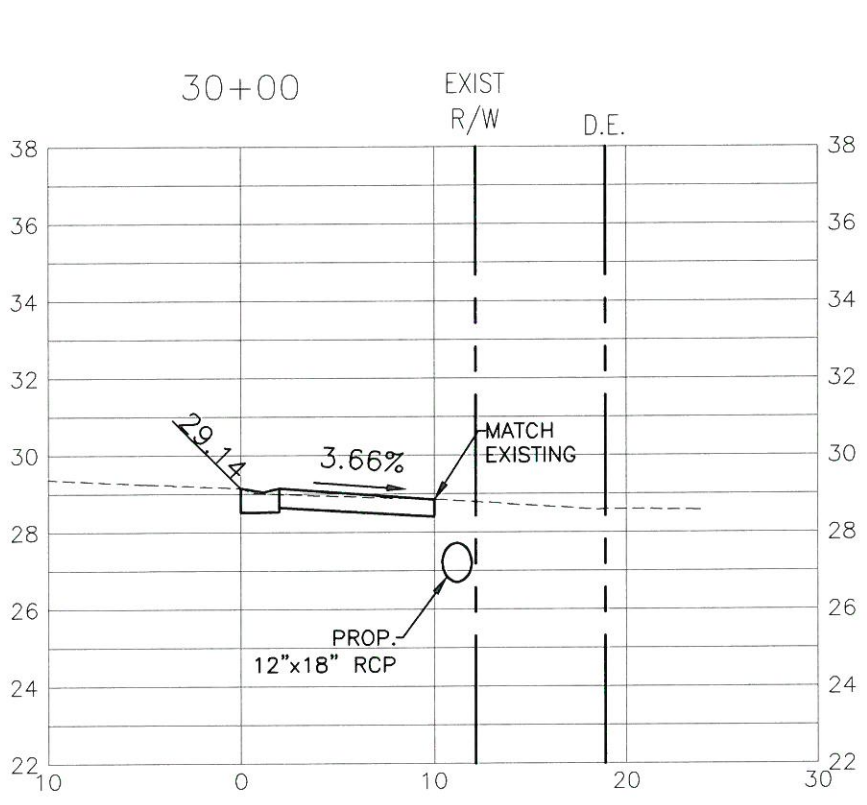
3/30/17

**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 30+45 TO 31+45**

NO.	DATE	BY	REVISION DESCRIPTION

PROJECT #	323-6044160		
SURVEY #	0		
SEC./TWN./RGE	01-35-17		
SCALE	1"=10'H / 1"=5'V		
	BY	DATE	
SURVEYED		06-07-10	
DESIGNED	AAM	07-15-10	
DRAWN	MMW/GRF	08-10-10	
CHECKED	SF	3-28-17	

APPROVED BY:
CHRIS L. MOWBRAY
FLORIDA P.E. # 46777
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208
DATE



LEGEND
DE DRAINAGE EASEMENT

ch l 3
3/30/17

S:\P\U_Engineering_S\909a Highway_Engineering\PROJECTS\300_Ave E - 27th St E to 15th St E\DWG\Original Plans\Rowlett Sidewalk\30+45 to 31+45.dwg, 05/26/2017 3:19 AM Thom Forester, LT, ANSI full bleed B (17.00 x 11.00 inches)

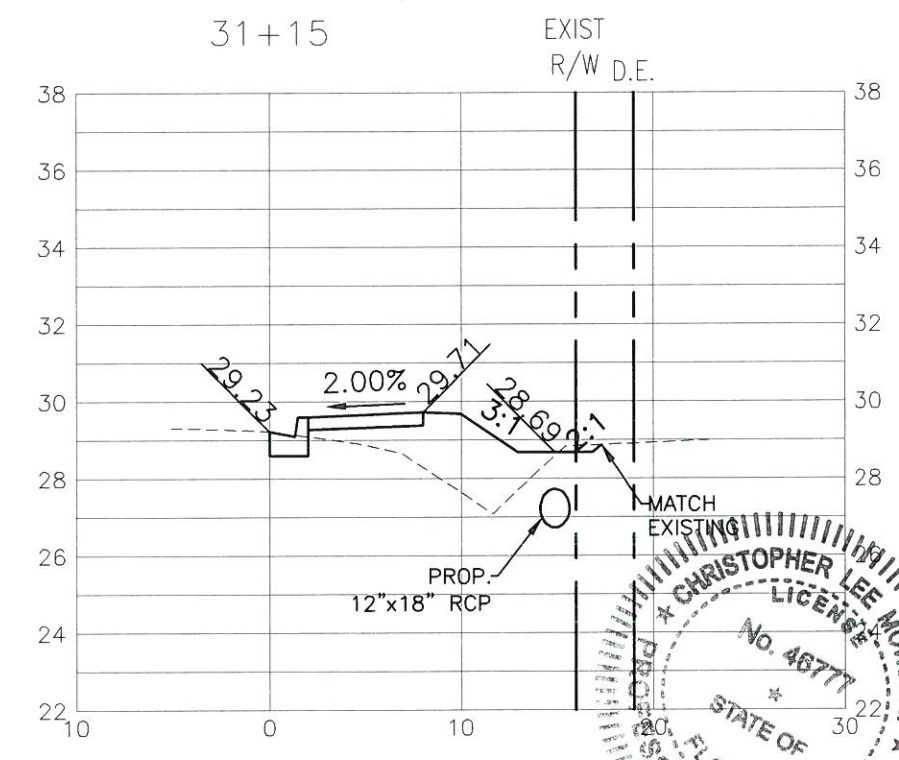
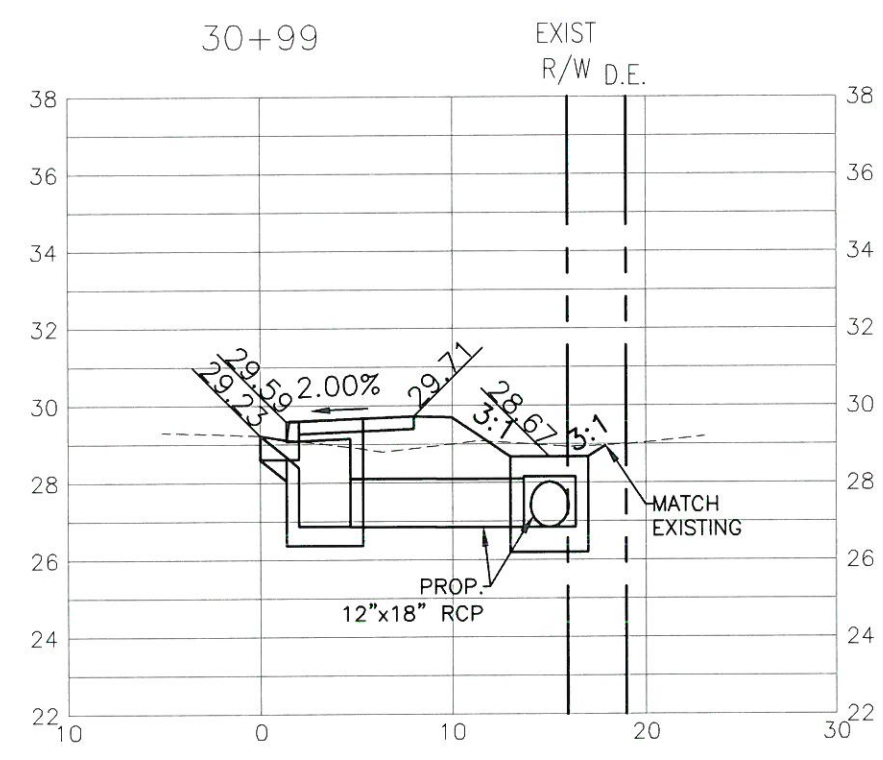
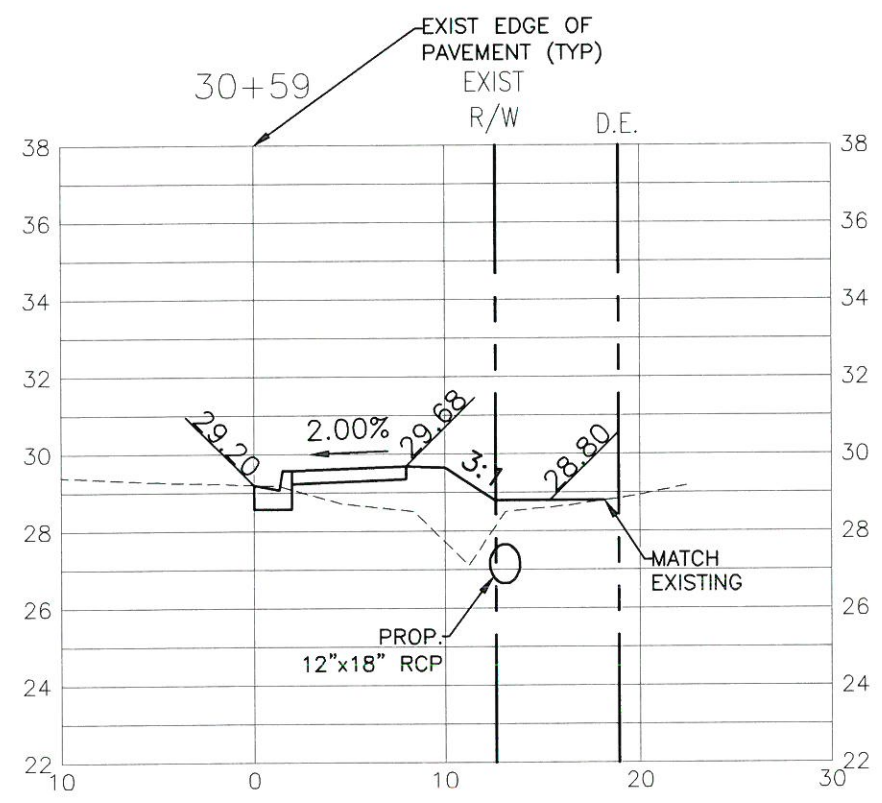
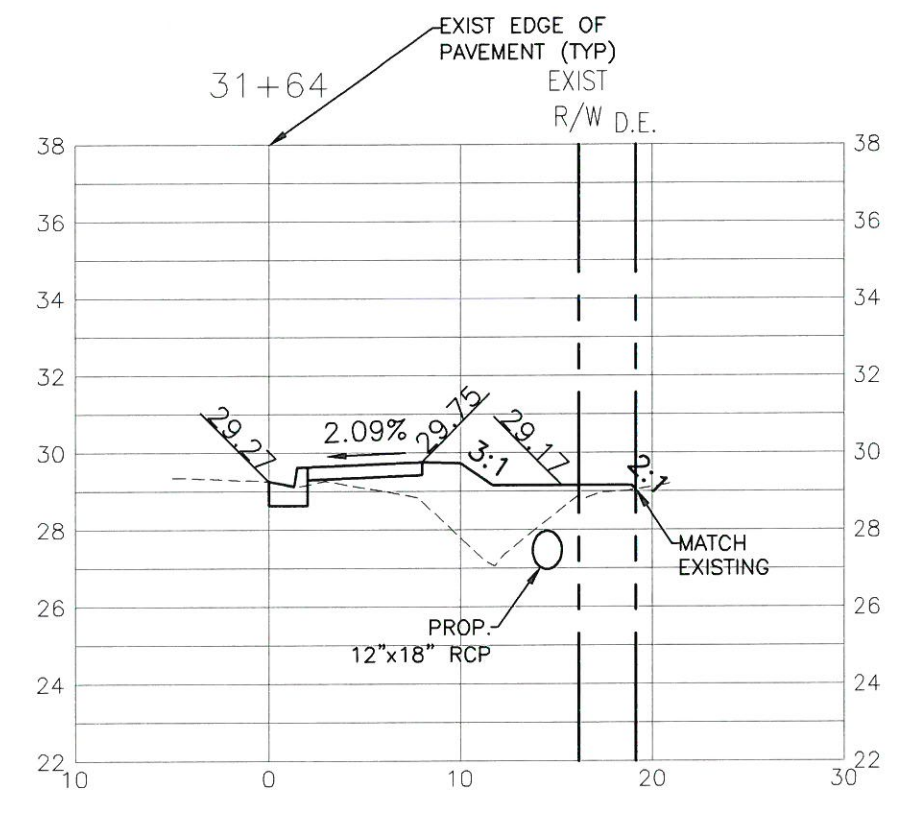
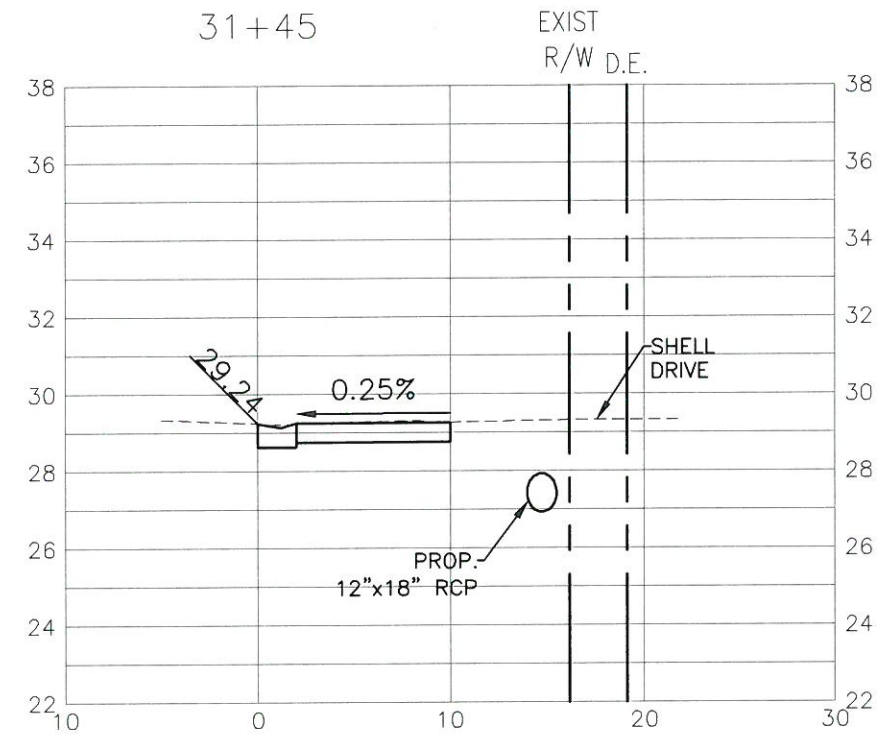
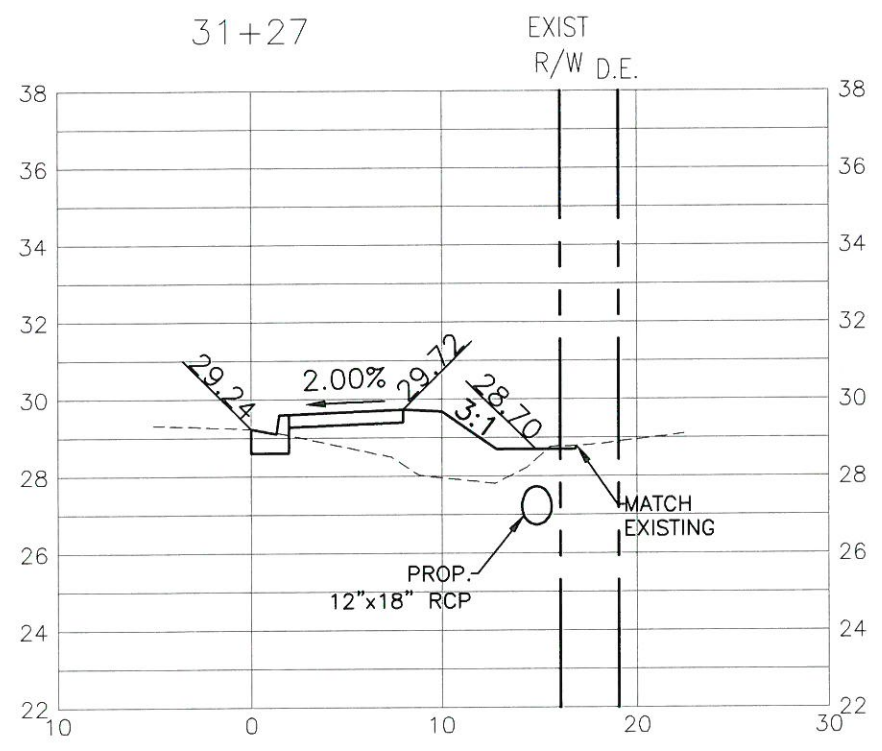
**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 31+64 TO 33+40**

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V

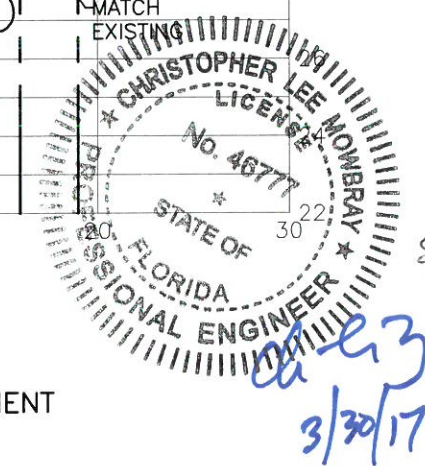
	BY	DATE
SURVEYED	—	06-07-10
DESIGNED	AAM	07-15-10
DRAWN	MMW/GRF	08-10-10
CHECKED	SF	3-28-17

APPROVED BY:
CHRIS L. MOWBRAY
FLORIDA P.E. # 46777
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208



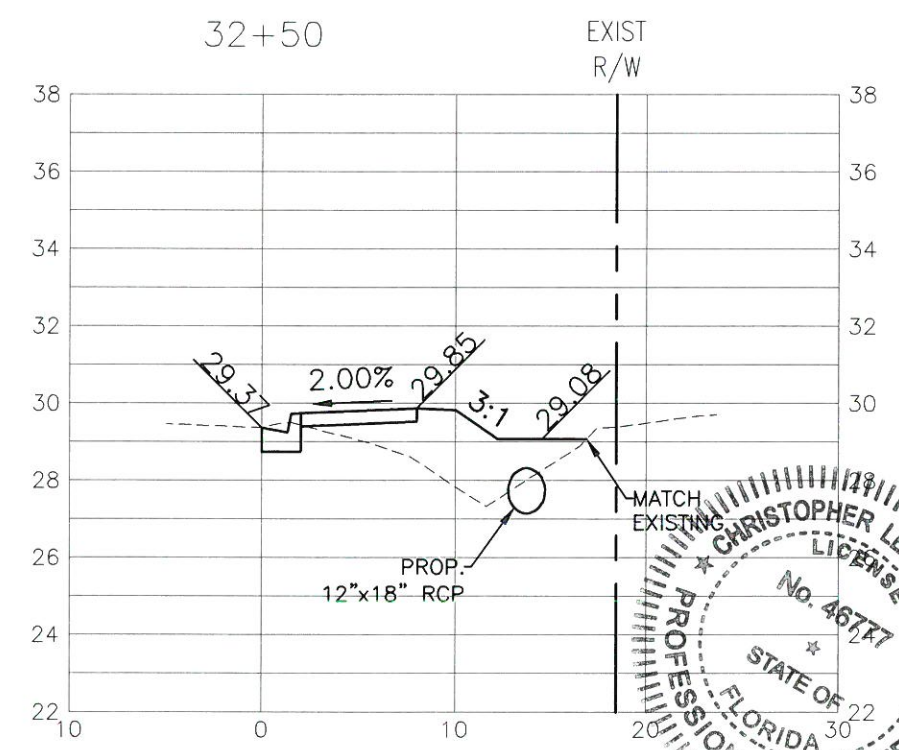
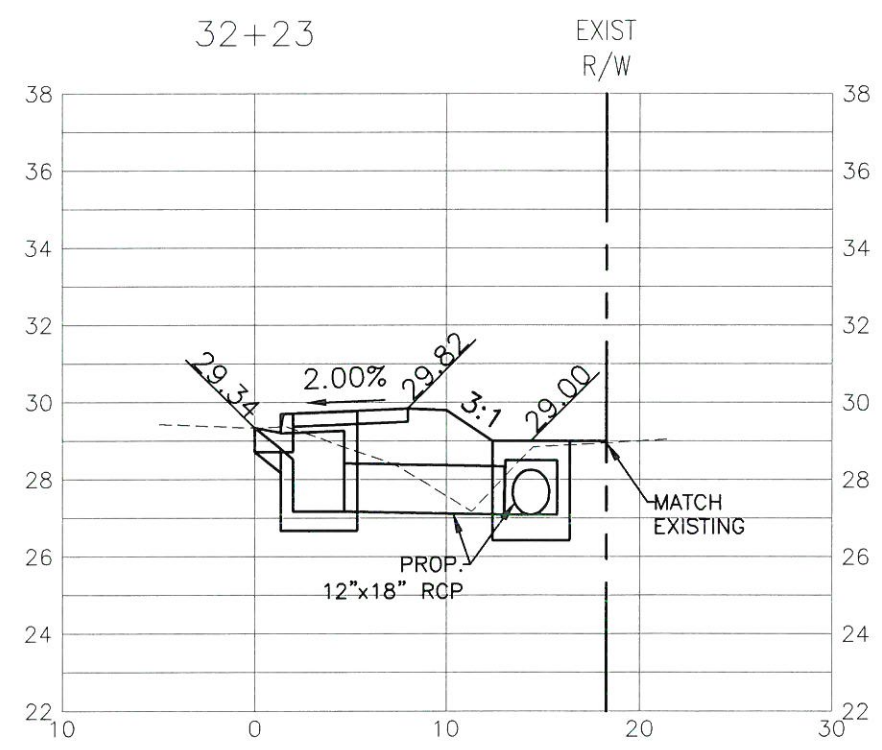
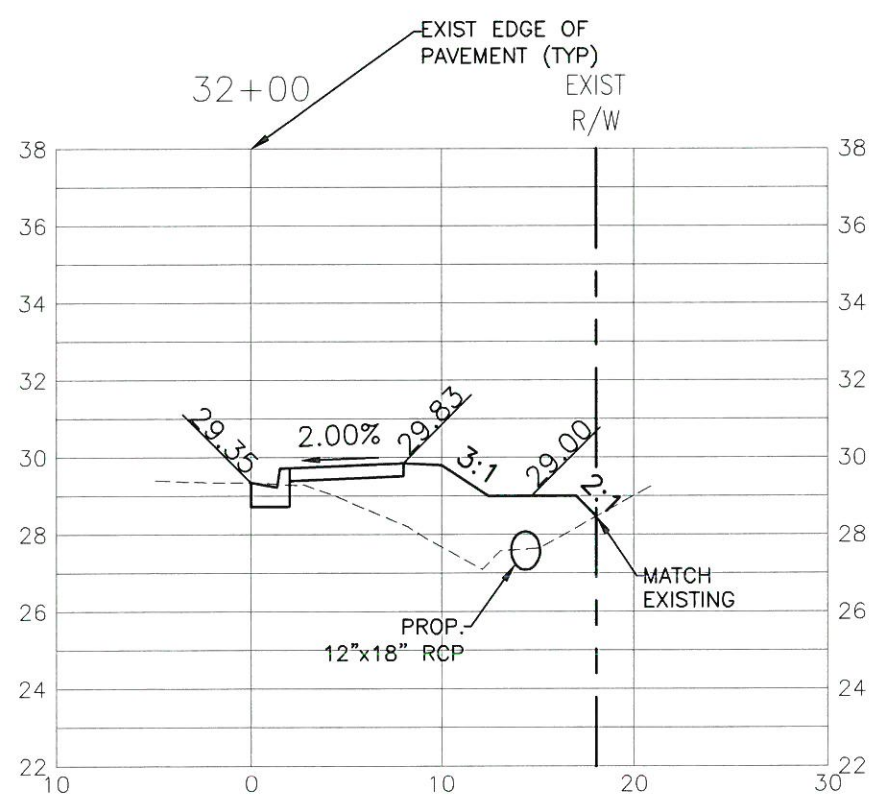
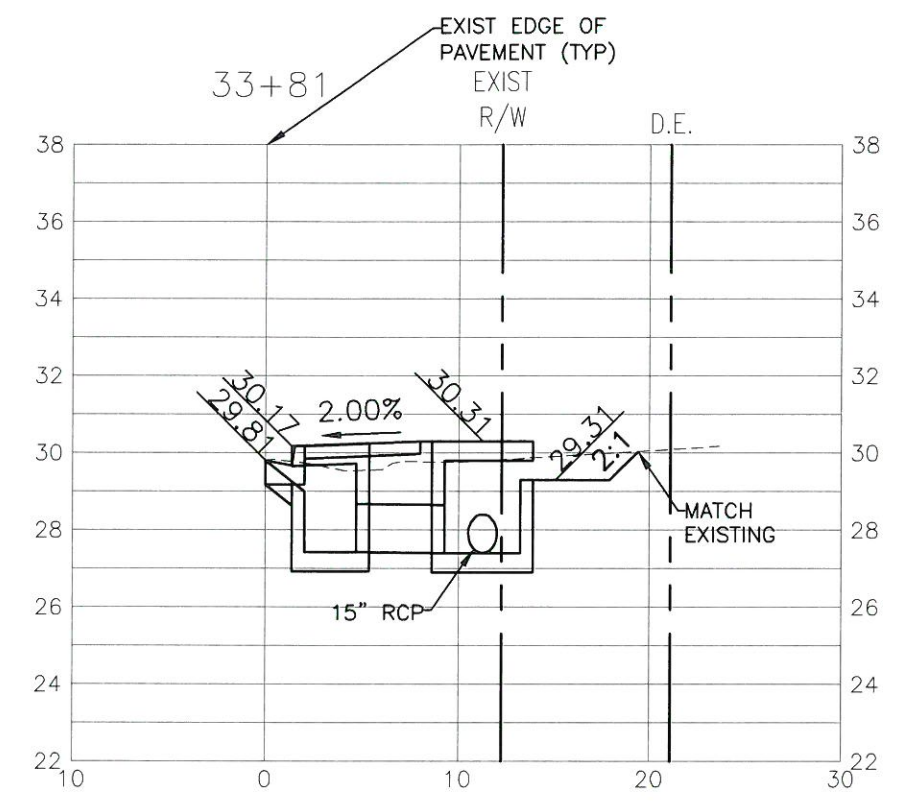
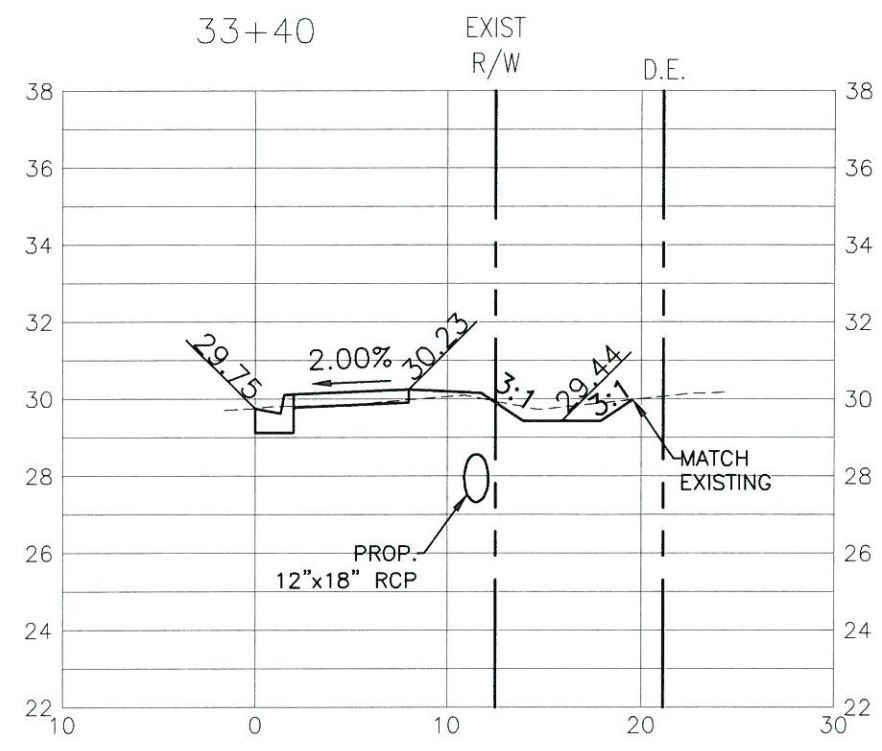
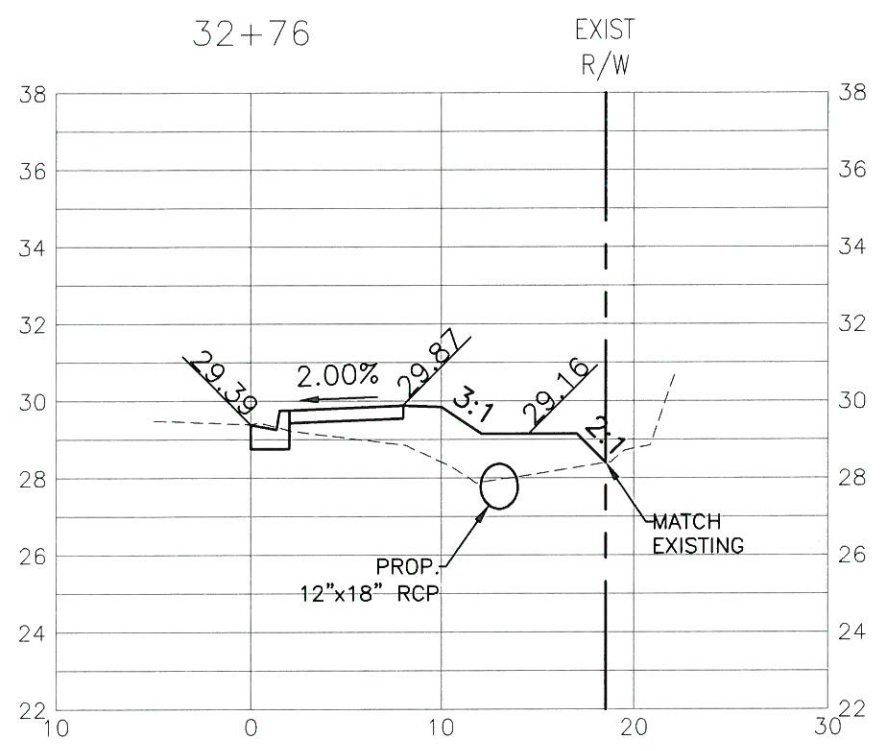
LEGEND
DE DRAINAGE EASEMENT

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3/30/17



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**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 33+81 TO 34+88**



PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 46777
CHRISTOPHER LEE MOWBRAY
LICENSE

CLM
3/30/17

LEGEND
DE DRAINAGE EASEMENT

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V
SURVEYED	BY DATE
DESIGNED	AAM 07-15-10
DRAWN	MMW/GRF 08-10-10
CHECKED	SF 3-28-17

APPROVED BY:

CHRIS L. MOWBRAY
FLORIDA P.E. # 46777
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208

DATE

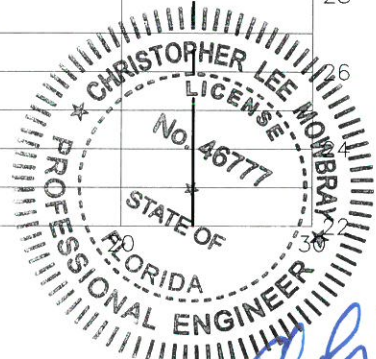
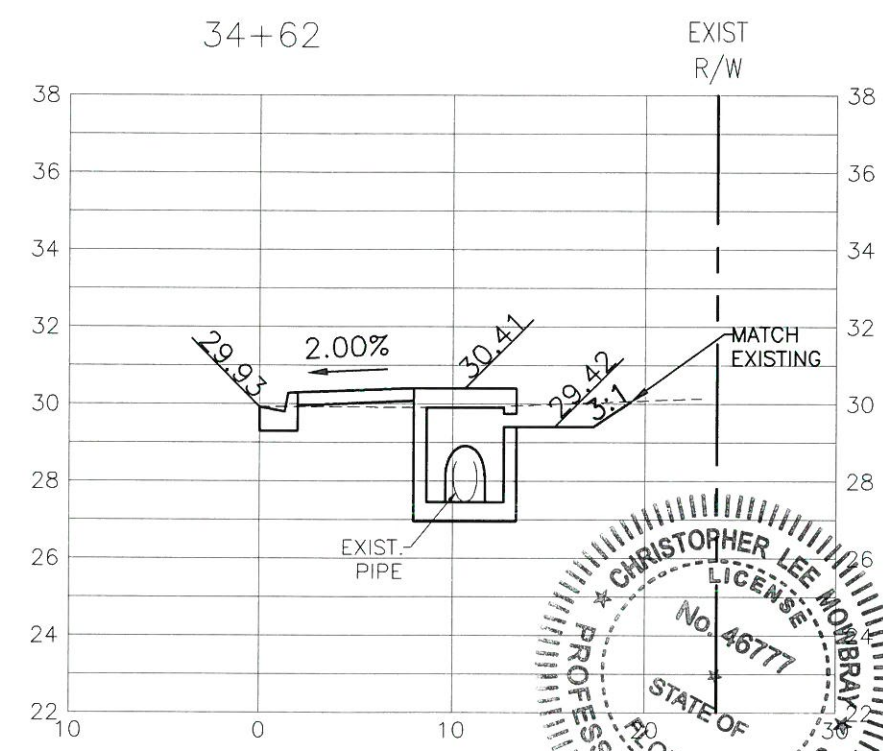
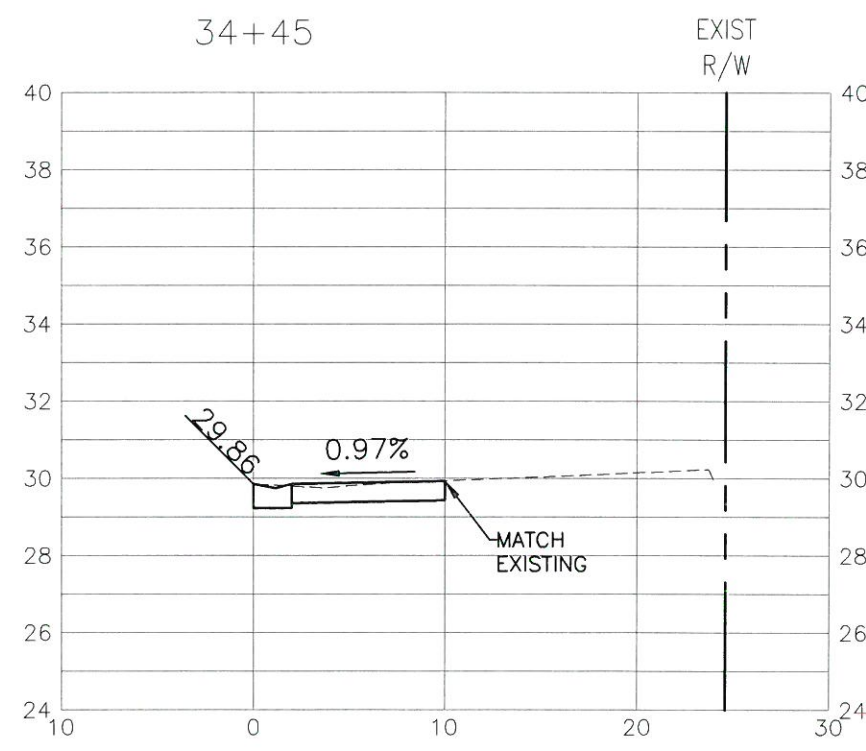
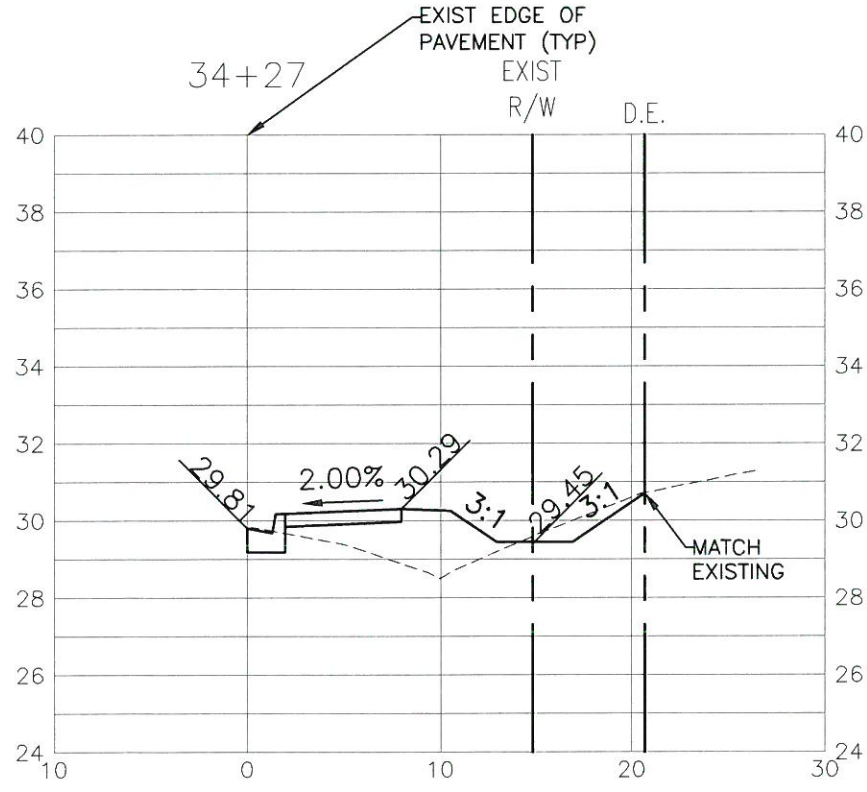
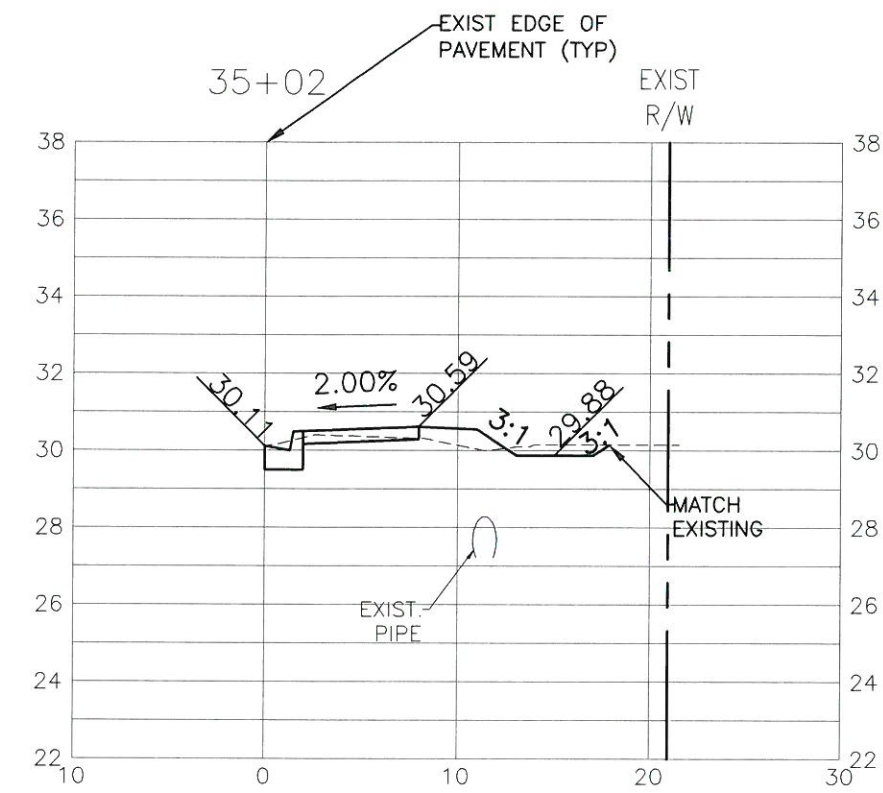
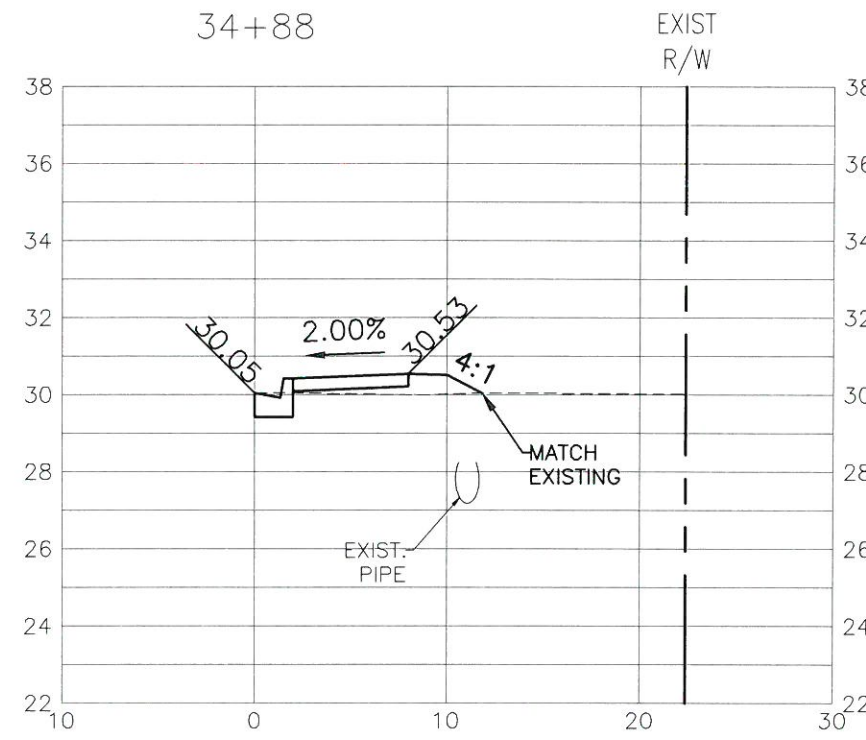
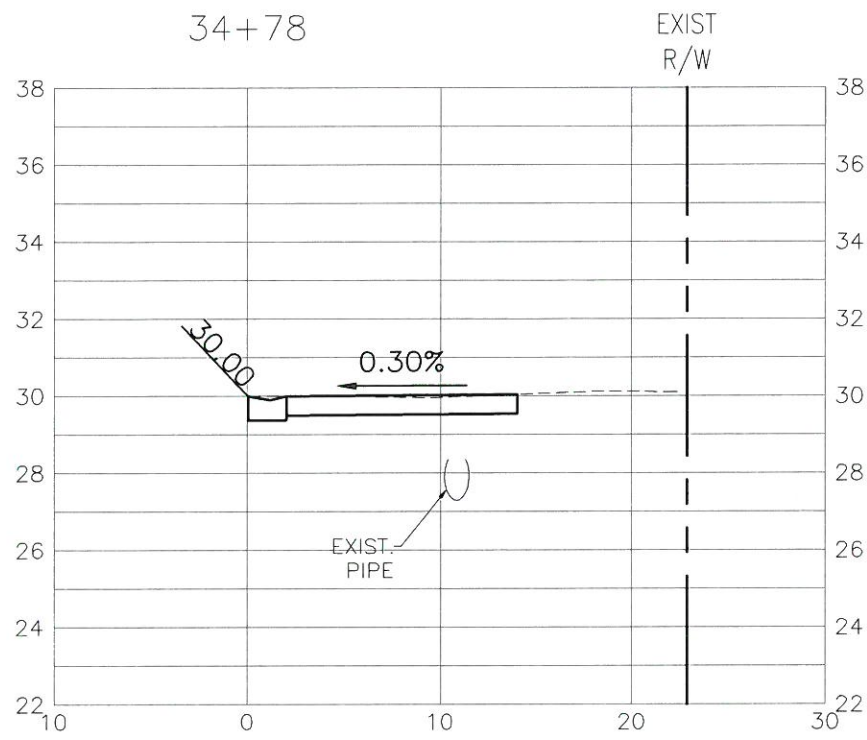
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**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 33+81 TO 34+88**

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V
SURVEYED	BY: - DATE: 06-07-10
DESIGNED	AAM 07-15-10
DRAWN	MMW/GRF 08-10-10
CHECKED	SF 3-28-17

APPROVED BY:
CHRIS L. MOWBRAY
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TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208

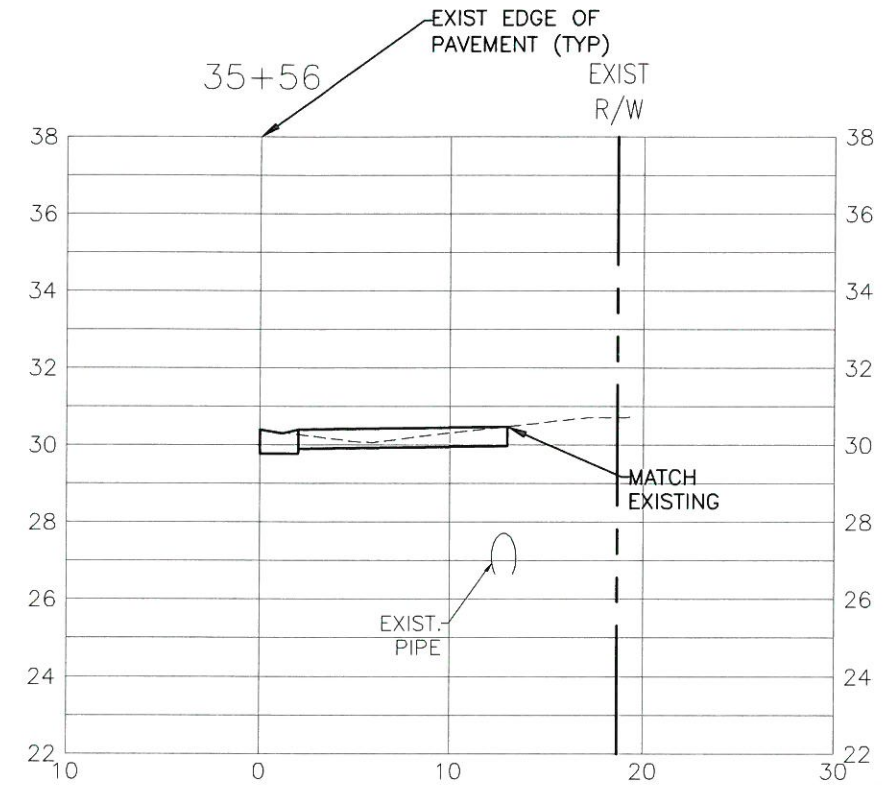
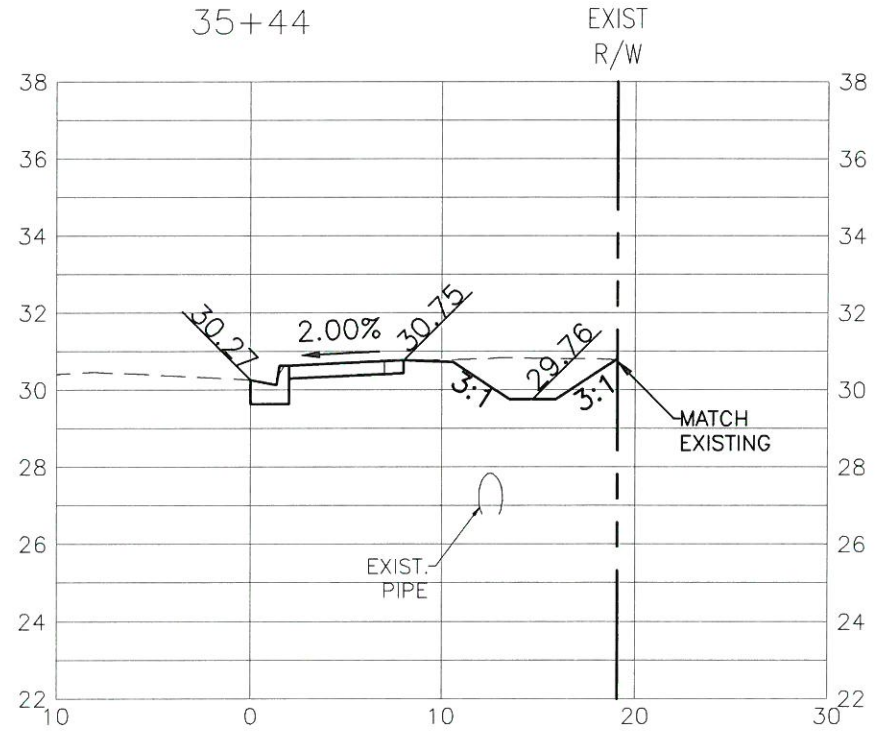
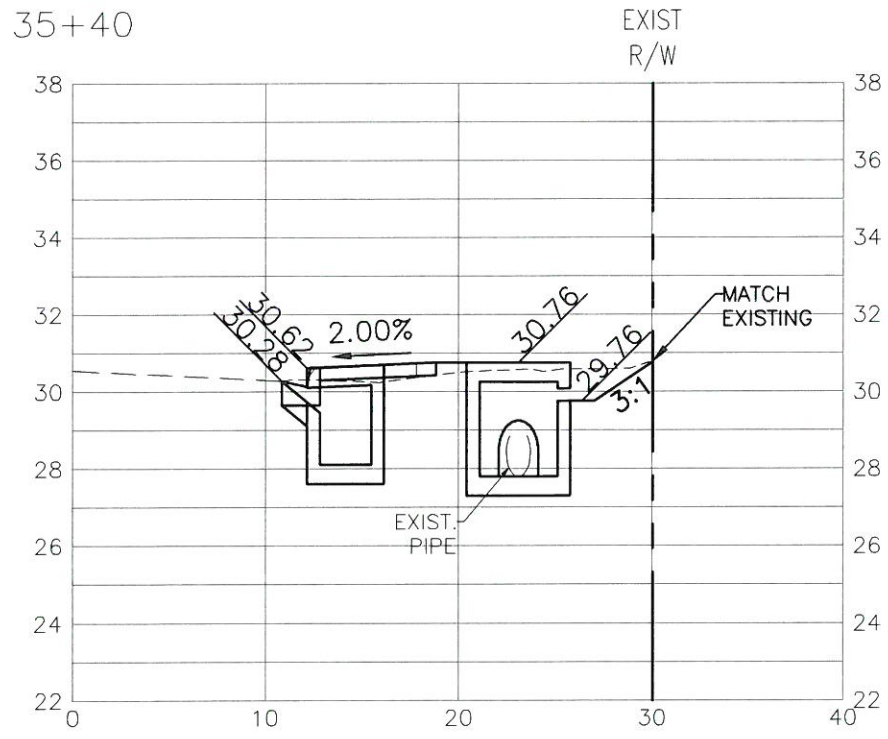


LEGEND
DE DRAINAGE EASEMENT

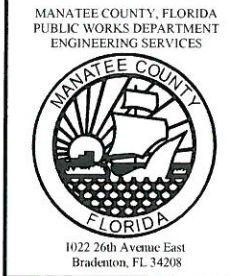
Handwritten signature and date:
3/30/17

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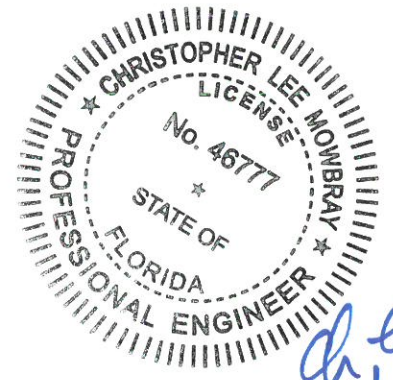
LEGEND
DE DRAINAGE EASEMENT



**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
SECTIONS STA. 33+81 TO 34+88**

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V
	BY DATE
SURVEYED	- 06-07-10
DESIGNED	AAM 07-15-10
DRAWN	MMW/GRF 08-10-10
CHECKED	SF 3-28-17



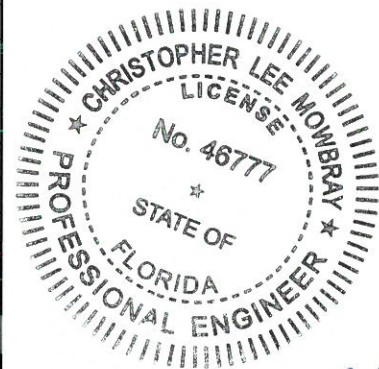
APPROVED BY:
CHRIS L. MOWBRAY
FLORIDA P.E. # 46777
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208



**ROWLETT ELEMENTARY SCHOOL
SIDEWALK PHASE VII
9TH ST. EAST TO 15TH ST. EAST
CUT AND FILL TABLE**

Cut And Fill Table					
Station	Area Cut	Area Fill	Distance	Volume Cut (cf)	Volume Fill (cf)
10+40	0	0	30	72	0
10+70	4.79	0	30	160	0
11+00	5.855	0	25	197	0
11+25	9.89	0	75	666	0
12+00	7.865	0	84	793	0
12+84	11.005	0	16	164	0
13+00	9.44	0	50	514	0
13+50	11.115	0	25	287	0
13+75	11.805	0	17	176	4
13+92	8.86	0.42	25	219	32
14+17	8.67	2.1	22	221	41
14+39	11.41	1.64	17	215	14
14+56	13.855	0	18	135	50
14+74	1.1	5.55	8	9	54
14+82	1.11	7.91	74	106	999
15+56	1.745	19.095	15	83	143
15+71	9.38	0	16	152	17
15+87	9.61	2.13	13	154	34
16+00	14.01	3.06	12	121	36
16+12	6.16	2.9	15	140	22
16+27	12.515	0	17	117	121
16+44	1.265	14.245	12	13	152
16+56	0.855	11.09	15	16	100
16+71	1.255	2.295	10	58	21
16+81	10.4	1.9	67	439	514
17+48	2.71	13.435	19	38	294
17+67	1.25	17.535	18	98	158
17+85	9.67	0	21	141	96
18+06	3.775	9.165	7	18	83
18+13	1.45	14.555	29	72	456
18+42	3.525	16.88	23	143	194
18+65	8.945	0	24	126	200
18+89	1.555	16.665	43	172	709
19+32	6.44	16.29	27	255	462
19+59	12.435	17.935	17	193	152
19+76	10.32	0	28	171	269
20+04	1.895	19.195	18	54	319
20+22	4.125	16.29	17	71	271
20+39	4.225	15.64	19	78	149
20+58	3.955	0	19	128	14
20+77	9.525	1.425	13	102	20
20+90	6.1	1.66	11	58	18
21+01	4.5	1.68	54	122	45
21+55	0	0	49	149	98
22+04	6.065	4.01	25	135	50
22+29	4.755	0	27	100	28
22+56	2.63	2.06	20	78	21
22+76	5.21	0	11	45	9
22+87	3.03	1.725	13	54	11
23+00	5.33	0	19	102	26

23+19	5.415	2.77	12	219	54
23+31	31.015	6.185	6	100	22
23+37	2.445	1.125	13	42	7
23+50	4.075	0	25	283	25
23+75	18.545	1.99	28	336	44
24+03	5.48	1.165	15	80	9
24+18	5.165	0	16	139	9
24+34	12.17	1.1	44	303	72
24+78	1.61	2.155	17	14	18
24+95	0	0	52	58	57
25+47	2.24	2.185	53	153	148
26+00	3.545	3.41	22	62	81
26+22	2.055	3.995	25	45	98
26+47	1.56	3.825	20	54	38
26+67	3.8	0	15	63	51
26+82	4.59	6.82	6	38	32
26+88	7.935	3.91	12	110	43
27+00	10.45	3.29	18	142	30
27+18	5.305	0	32	167	0
27+50	5.14	0	46	196	106
27+96	3.385	4.615	104	240	595
29+00	1.225	6.835	22	179	101
29+22	15.025	2.355	19	166	55
29+41	2.475	3.395	9	50	15
29+50	8.67	0	50	331	0
30+00	4.57	0	23	360	17
30+23	26.7	1.505	22	352	17
30+45	5.27	0	14	45	80
30+59	1.165	11.49	40	535	298
30+99	25.585	3.425	16	215	134
31+15	1.29	13.34	12	14	151
31+27	1.115	11.87	18	59	107
31+45	5.395	0	19	61	134
31+64	1.055	14.105	36	40	605
32+00	1.17	19.52	23	28	313
32+23	1.24	7.705	27	37	297
32+50	1.485	14.315	26	33	391
32+76	1.075	15.73	64	34	503
32+90	0	0	91	169	20
33+40	3.705	0.44	87	382	64
33+81	5.07	1.02	64	236	344
34+27	2.31	9.715	35	133	170
34+45	5.305	0	17	78	4
34+62	3.885	0.525	16	92	4
34+78	7.56	0	10	44	11
34+88	1.27	2.235	14	32	24
35+02	3.345	1.15	34	119	27
35+36	3.66	0.46	6	30	6
35+42	6.29	1.415	14	75	10
35+56	4.445	0	44	125	45
36+00	1.235	2.04	10	6	10
36+10	0	0			
Total			14,593	11,914	



Handwritten signature and date: 3/30/17

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	323-6044160
SURVEY #	0
SEC./TWN./RGE	01-35-17
SCALE	1"=10'H/1"=5'V
BY: DATE:	
SURVEYED	-- 06-07-10
DESIGNED	AAM 07-15-10
DRAWN	MMW/GRF 08-10-10
CHECKED	SF 3-28-17

APPROVED BY:
CHRIS L. MOWBRAY
FLORIDA P.E. # 46777
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208