

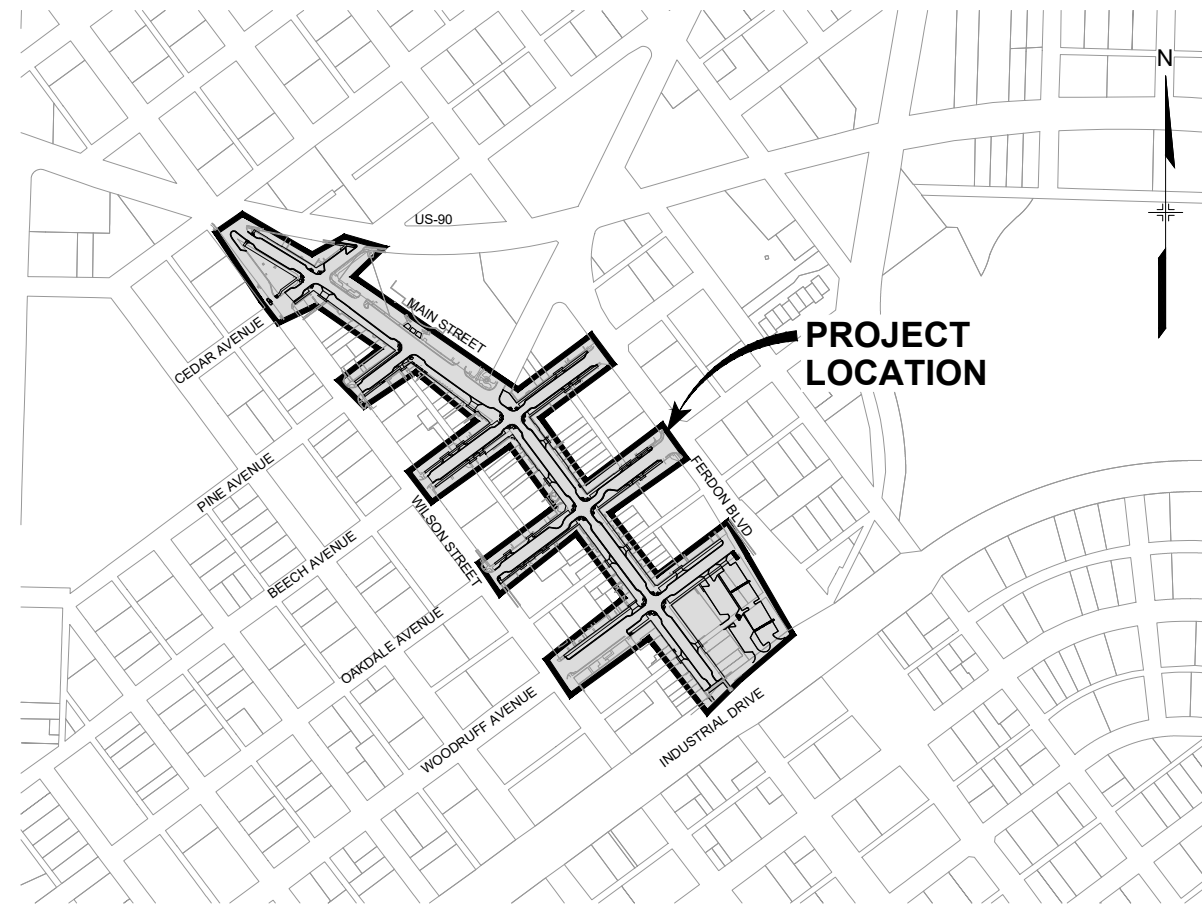


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# MAIN STREET IMPROVEMENTS

## CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01

ENGINEERING PLANS  
 LOCATED IN SECTION 17, TOWNSHIP 3 NORTH,  
 RANGE 23 WEST OF THE SIXTH PRINCIPAL MERIDIAN  
 OKALOOSA COUNTY, FLORIDA  
 SEPTEMBER 2023 DESIGN



LOCATION MAP

1" = 300'

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**HORIZONTAL DATUM:**

NORTHINGS AND EASTINGS SHOWN HEREON ARE REFERENCED TO STATE PLANE COORDINATES, FLORIDA NORTH ZONE, NORTH AMERICAN DATUM OF 1983.

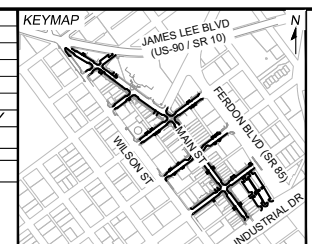
**VERTICAL DATUM:**

ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

**BENCHMARK:**

BENCHMARKS USED FOR THIS PROJECT SHOWN ON THE PROJECT CONTROL PLAN, SHEET PC01.

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
X-MDG22x34-TEP 1165-P-Roads 210713 CVIEW EX-Survey				
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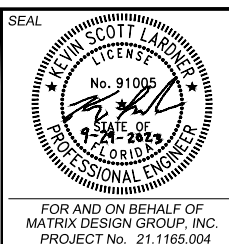


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**MAIN STREET IMPROVEMENTS**  
 CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

**TITLE SHEET**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 300'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. TS01
DRAWN BY: ACR	VERT. N/A	SHEET 01 OF 99	
CHECKED BY: KSL			



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**ABBREVIATIONS**

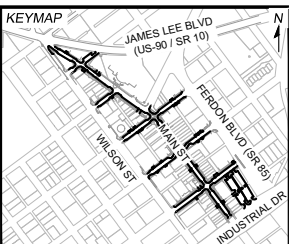
AB	ASBUILT
ASSY	ASSEMBLY
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS APPROXIMATE OR
APPROX	APPROXIMATELY
AVE	AVENUE
B/L	BASELINE
BLVD	BOULEVARD
BM	BENCHMARK
BNSF	BURLINGTON NORTHERN SANTA FE
B.O.	BOTTOM OF
BOT	BOTTOM
BOW	BACK OF WALK
BP	BEGIN POINT
BVCS	BEGINNING VERTICAL CURVE STATION LABEL
BVCE	BEGINNING VERTICAL CURVE ELEVATION
C&G	CURB & GUTTER
CBC	CONCRETE BOX CULVERT
CDOT	COLORADO DEPARTMENT OF TRANSPORTATION
CI	CAST IRON
CEN	CENTER
CL	CENTERLINE
CL	CONTROL LINE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CONST/CONSTR	CONSTRUCTION/CONSTRUCT
CONT	CONTINUOUS
DOOR	EXISTING DOORWAY
DWMD	DENVER WASTEWATER MANAGEMENT DEPARTMENT
DI/DIAM.Ø	DIAMETER
DN	DOWN
DWG	DRAWING
E	EAST
EA	EACH
ELEV OR EL	ELEVATION
ELL	ELBOW
EOP	EDGE OF PAVEMENT
EP	END POINT
EVCS	ENDING VERTICAL CURVE STATION LABEL
EVCE	ENDING VERTICAL CURVE ELEVATION
EW	EACH WAY
EXIST.-EX	EXISTING
FES	FLARED END SECTION
FIN	FINISHED
FH	FIRE HYDRANT
F/L OR $\bar{L}$	FLOWLINE
FLG	FLANGE
FO	FIBER OPTIC
FOW	FACE OF WALK
FT	FOOT/FEET
FRP	FIBERGLASS REINFORCED PIPE
GAL	GALLON
GALV	GALVANIZED
GAU	GAUGE (MATERIAL)
GV	GATE VALVE
GW	GROUNDWATER
HP	HIGH POINT
HORIZ	HORIZONTAL
HCL	HORIZONTAL CONTROL LINE
HR	HOUR
HYD	HYDRANT
INV	INVERT
JT	JOINT
LAT	LATERAL
LBS	POUNDS
LF	LINEAR FEET
L OR LT	LEFT
LP	LOW POINT
LRT	LIGHT RAIL TRANSIT
MAX	MAXIMUM
MFGR	MANUFACTURER
MH	MANHOLE
MID	MIDDLE OR MIDPOINT
MIN	MINIMUM
MJ	MECHANICAL JOINT
MP	MARKER POST
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
P / PR / PROP	PROPOSED
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PCR	POINT OF CURB RETURN
PGL	PROFILE GRADE LINE
PH	POTHOLE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
P/L	PROPERTY LINE
PVI	POINT OF VERTICAL INTERSECTION
PVMT OR PVT	PAVEMENT
Q(CFS)	FLOW (CUBIC FEET PER SECOND)

R OR RAD	RADIUS OR RIGHT
RCB	REINFORCED CONCRETE BOX
RCBC	REINFORCED CONCRETE BOX CULVERT
RCP	REINFORCED CONCRETE PIPE
RED	REDUCER
REF/RE:	REFERENCE/REFER
REINF	REINFORCING
REQ	REQUIRED
REV	REVISION
ROW/R.O.W.	RIGHT-OF-WAY
RR/R.R.	RAILROAD
RT OR R	RIGHT
RTD	REGIONAL TRANSPORTATION DISTRICT
S	SOUTH
SCH	SCHEDULE
SD	STORM SEWER
SE	SIDEWALK EASEMENT
SMA	STONE MATRIX ASPHALT
SQ	SQUARE
ST	STREET
STA	STATION
STD	STANDARD
STL	STEEL
SS	SANITARY SEWER
SVC	SERVICE
SW	SIDEWALK
TB	THRUST BLOCK
TBC	TOP BACK OF CURB
TBD	TO BE DETERMINED
THD	THREADED
THICK	THICKNESS
T.O.P.	TOP OF PIPE
TYP	TYPICAL
UE	UTILITY EASEMENT
UG	UNDERGROUND
UGE	UNDERGROUND ELECTRIC
UP	UNION PACIFIC
UT	UTILITY
VERT	VERTICAL
W	WIDTH/WEST OR WALK (SIDEWALK)
W/	WITH
WMA	WARM MIX ASPHALT
WT	WATER
3P	THREE-PHASE ELECTRIC

**LEGEND**

	EXISTING NATURAL GAS		EXISTING STORM MANHOLE
	EXISTING COMMUNICATIONS		EXISTING SANITARY MANHOLE
	EXISTING FIBER/COMMUNICATIONS		EXISTING STORM DRAIN/INLET
	EXISTING COMMUNICATIONS/CATV		EXISTING WATER MANHOLE
	EXISTING OVERHEAD ELECTRIC		EXISTING ELECTRIC MANHOLE
	EXISTING UNDERGROUND ELECTRIC		EXISTING MANHOLE (OTHER)
	EXISTING SANITARY SEWER		EXISTING WATER VALVE
	EXISTING SANITARY SEWER INTERCEPTOR		EXISTING FIRE HYDRANT
	EXISTING STORM SEWER		EXISTING WATER METER
	EXISTING 6-INCH WATER		EXISTING GAS SERVICE
	EXISTING 8-INCH WATER		EXISTING MONITORING WELL
	EXISTING 48-INCH AND 54-INCH WATER		EXISTING INJECTION WELL
	EXISTING FENCE		EXISTING STREET LIGHT
	PROPOSED RIGHT OF WAY		EXISTING POWER POLE
	PROPOSED PROPERTY BOUNDARY		EXISTING POWER POLE W/ GUY WIRE
	PROPOSED STORM SEWER		EXISTING ELECTRIC BOX
	PROPOSED 8-INCH WATER		EXISTING ELEC-VLT
	PROPOSED 12-INCH WATER		EXISTING RTD CANTILEVER
	PROPOSED 6-INCH FIRE LINE		EXISTING SIGN
	PROPOSED GAS LINE		EXISTING TREE
	PROPOSED COMMUNICATIONS		PROPOSED STREET LIGHT
	PROPOSED FIBER OPTIC		PROPOSED PEDESTRIAN LIGHT
	PROPOSED CABLE TV		PROPOSED STORM SEWER MANHOLE
	PROPOSED UNDERGROUND ELECTRIC		PROPOSED STORM DRAIN/INLET
	PROPOSED OVERHEAD ELECTRIC		PROPOSED FLARED END SECTION
	PROPOSED FENCE		PROPOSED FIRE HYDRANT
	PROPOSED CHAIN LINK FENCE (CLF)		PROPOSED GATE VALVE
	PROPOSED TOE OF SLOPE		PROPOSED BUTTERFLY VALVE
	PROPOSED TOP OF SLOPE		PROPOSED COUPLING
	EXISTING WATER TO BE REMOVED/ABANDONED BY CONTRACTOR		PROPOSED WATER SERVICE W/ METER
			FLOW ARROW
			PROPOSED SIGN
			PROPOSED HORIZONTAL BEND
			PROPOSED VERTICAL BEND
			PROPOSED BOLLARD

REFERENCE DRAWINGS			
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SEAL  
  
FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004

**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**LEGEND & ABBREVIATIONS**

DESIGNED BY: ACR	SCALE: _____	DATE ISSUED: SEPTEMBER 2023	DRAWING No. LA01
DRAWN BY: ACR	HORIZ: N/A	SHEET 02 OF 99	
CHECKED BY: KSL	VERT: N/A		



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PROJECT SPECIFIC NOTES

- 1. CONTRACTOR TO PROVIDE ACCESS TO ALL RESIDENTS AND BUSINESSES DURING CONSTRUCTION.
2. WORKING HOURS HAVE BEEN SET AT 7AM TO 7PM. A SUGGESTED MAINTENANCE OF TRAFFIC PHASING PLAN HAS BEEN PROVIDED ON SHEET 98. CONTRACTOR SHALL COORDINATE WITH THE CITY OF CRESTVIEW FOR DIFFERENT WORKING HOURS AND MAINTENANCE OF TRAFFIC AND ACCESS TO BUSINESSES AND RESIDENTS WITHIN THE LIMITS OF THE PROJECT. PEDESTRIAN AND VEHICULAR ACCESS MUST BE MAINTAINED AT ALL TIMES WHEN CONSTRUCTION IS NOT OCCURRING DIRECTLY ADJACENT TO THE BUSINESS.
3. CONTRACTOR TO REFER TO THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST VERSION), AND APPLICABLE STATE AND FEDERAL REGULATIONS.
4. IT IS SUGGESTED THAT THE CONTRACTOR INITIATE A REQUEST TO FLORIDA POWER & LIGHT FOR ANY CONSTRUCTION RELATED TEMPORARY ELECTRICAL POWER SOURCES AS SOON AS POSSIBLE. IN SOME INSTANCES UP TO 30 DAYS MAY BE REQUIRED TO PROVIDE THE SOURCES.
5. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL ENGINEERING REPORT "MAIN STREET IMPROVEMENTS" PREPARED BY TERRACON DATED JULY 6, 2022 FOR SUBGRADE PREPARATION.
6. CONTRACTOR SHALL BE AWARE OF ASPHALT RUBBER MEMBRANE INTERLAYER (ARM) FOUND THROUGHOUT PAVEMENT CORES ALONG MAIN STREET.
7. EXCAVATED SOIL SHALL ONLY BE REUSED IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 120-001.
8. PAVEMENT SECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION).
9. SUBGRADE MATERIALS DEEMED UNSUITABLE BY THE ENGINEER SHALL BE EXCAVATED, DISPOSED OF OFF-SITE AND REPLACED WITH APPROVED MATERIALS. REPLACEMENT OF MATERIAL BELOW PROPOSED TOP OF SUBGRADE WILL BE PAID FOR AS UNCLASSIFIED EXCAVATION (C.I.P.). REMOVAL OF UNSUITABLE MATERIAL IS INCIDENTAL TO UNCLASSIFIED EXCAVATION.
10. WHERE IT IS REQUIRED TO CUT EXISTING CONCRETE OR ASPHALT, THE CUTTING SHALL BE DONE TO A NEAT WORK LINE USING A SAW, CUTTING WHEEL OR OTHER METHOD APPROVED BY THE ENGINEER.
11. REMOVAL OF FLEXIBLE PAVEMENT (ASPHALT) WILL BE MEASURED AND PAID FOR SEPARATELY FROM CLEARING AND GRUBBING.
12. UNLESS OTHERWISE NOTED, ALL PAVEMENT DIMENSIONS AND ELEVATIONS ARE TO FLOW LINE.
13. SIGNS DESIGNATED TO BE SALVAGED WITHIN CITY RIGHT OF WAY SHALL BE CAREFULLY REMOVED AND DELIVERED TO THE CITY OF CRESTVIEW. ANY MATERIAL DESIGNATED TO BE SALVAGED THAT IS DAMAGED AFTER REMOVAL SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
14. MEMORIAL BRICKS ARE TO BE CAREFULLY REMOVED AND REINSTALLED PER THE PLANS. THE CITY OF CRESTVIEW WILL BE RESPONSIBLE FOR STORING AND DELIVERING THE BRICKS BACK TO THE CONTRACTOR FOR INSTALLATION. RESET MEMORIAL BRICKS WILL BE MEASURED AND PAID FOR SEPARATELY.
15. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR WORK WITHIN PUBLIC RIGHTS OF WAY. THE CONTRACTOR SHALL OBTAIN SITE-WIDE STORMWATER MANAGEMENT AND DIGGING PERMITS FOR WORK WITHIN THE SITE. THE CONTRACTOR WILL BE FULLY RESPONSIBLE FOR COMPLIANCE WITH ALL CONDITIONS OF THESE PERMITS. PAYMENT FOR COMPLYING WITH PERMITS WILL NOT BE MADE SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE WORK.
16. THE COST OF ALL CRADLES, COLLARS AND INLET CONNECTIONS TO STORM SEWER MAINS SHALL BE INCLUDED IN THE COST OF THE WORK.
17. CONTRACTOR SHALL COORDINATE WITH ALL PUBLIC AND PRIVATE UTILITY OWNERS FOR INSTALLATION OR ADJUSTMENT OF FACILITIES.
18. LOCATIONS OF NEW TREES ALONG THE PROJECT ARE ONLY APPROXIMATE. ACTUAL LOCATIONS WILL BE DETERMINED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING. THE CONTRACTOR SHALL NOTIFY THE ENGINEER TWO WEEKS PRIOR TO PLANTING.
19. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE ESTABLISHMENT OF RANGE POINTS AND THE RE-ESTABLISHMENT OF MONUMENTS WITHIN THE PROJECT LIMITS.
20. THE CONTRACTOR SHALL PROTECT ALL WORK AREAS AND FACILITIES FROM FLOODING AT ALL TIMES. AREAS AND FACILITIES SUBJECTED TO FLOODING, REGARDLESS OF THE SOURCE OF WATER, SHALL BE PROMPTLY DEWATERED AND RESTORED AT NO COST TO THE OWNER.
21. THE CONTRACTOR IS REQUIRED TO RESET, ADJUST OR REPLACE ANY UTILITIES THAT ARE AFFECTED BY CONSTRUCTION AND DESIGNATED TO REMAIN. THIS INCLUDES LANDSCAPING, SPRINKLER SYSTEMS, SIGNS, SIDEWALKS, AND OTHER ITEMS AS MAY BE IDENTIFIED BY THE ENGINEER, UNLESS SPECIFICALLY NOTED ON THE PLANS. THE CONTRACTOR WILL NOT BE COMPENSATED FOR WORK OUTSIDE OF THE PROJECT LIMITS.
22. TRAFFIC CONTROL SUPERVISOR SHALL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE SUBSIDIARY TO THE WORK.
23. THE CONTRACTOR SHALL REMOVE ALL SEDIMENT, MUD, AND CONSTRUCTION DEBRIS THAT MAY ACCUMULATE IN THE FLOWLINES AND PUBLIC RIGHTS OF WAY AS A RESULT OF THIS SITE DEVELOPMENT. SAID REMOVAL SHALL BE CONDUCTED IN A TIMELY MANNER.
24. THE CONTRACTOR SHALL PROTECT ALL STORM SEWER FACILITIES ADJACENT TO ANY LOCATION WHERE PAVEMENT CUTTING OPERATIONS INVOLVING WHEEL CUTTING, SAW CUTTING OR ABRASIVE WATER JET CUTTING ARE TO TAKE PLACE.
THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL WASTE PRODUCTS GENERATED BY SAID CUTTING OPERATIONS ON A DAILY BASIS.
THE DISCHARGE OF ANY WATER CONTAMINATED BY WASTE PRODUCTS FROM CUTTING OPERATIONS TO THE STORM SEWER SYSTEM IS PROHIBITED.
25. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING WATER WHICH WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE SUBSIDIARY TO OTHER ITEMS OF WORK. THE CONTRACTOR SHALL SETUP AN ACCOUNT WITH THE CITY AND A HYDRANT METER WILL BE PROVIDED. THE CONTRACTOR WILL BE RESPONSIBLE TO PAY FOR ALL WATER USED FOR THE PROJECT.
26. INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND AND OVERHEAD UTILITIES REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH UTILITIES AND IS INCLUDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE UTILITY INFORMATION ON THE PLANS HAS BEEN PROVIDED BY ARDURRA IN THE JULY 20, 2022 SUE REPORT. THE ENGINEER ASSUMES NO RESPONSIBILITY WHATSOEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF UNDERGROUND OR OVERHEAD UTILITY FACILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE

- THE ACTUAL LOCATION OF ALL SUCH FACILITIES. ALL COSTS INCURRED BY THE CONTRACTOR IN LOCATING UTILITIES SHALL BE CONSIDERED TO BE INCLUDED IN THE WORK.
27. CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ANY WORK BY UTILITIES.
28. CONTRACTOR SHALL PROVIDE NECESSARY SHORING, BRACING AND SHEETING TO PROTECT ALL EXISTING UTILITIES, INCLUDING CURB, GUTTER AND SIDEWALK NOT DESIGNATED TO BE RELOCATED OR REMOVED AND REPLACED.
29. UTILITY NOTIFICATION CENTER - CONTRACTOR SHALL CONTACT UTILITY NOTIFICATION CENTER FOR LOCATION OF UNDERGROUND UTILITIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION, PHONE 811.
30. ALL CONSTRUCTION OBSERVATIONS AND MATERIALS TESTING WILL BE PROVIDED BY THE OWNER OR THE ENGINEER. CONTRACTOR SHALL NOTIFY THE ENGINEER 24 HOURS IN ADVANCE TO ARRANGE FOR TESTING OR OBSERVATIONS. THE CONTRACTOR SHALL NOTIFY THE CITY OF CRESTVIEW 24 HOURS IN ADVANCE OF SUBGRADE COMPACTION TESTING AND PROOF ROLLING, CONCRETE TESTING, OR CONCRETE OR ASPHALT CONSTRUCTION.
31. THE CITY OF CRESTVIEW RESERVES THE RIGHT TO PERFORM MATERIAL TESTS IN ADDITION TO THOSE PERFORMED BY THE CONTRACTOR. THE CONTRACTOR WILL PROVIDE REASONABLE ACCESS TO THE SITE BY CITY STAFF FOR THE PURPOSES OF COLLECTING MATERIALS SAMPLES.
32. THE CONTRACTOR SHALL USE WATER AS A DUST ABATEMENT MEASURE, AND SHALL APPLY WHEREVER AND AS OFTEN AS NECESSARY TO MINIMIZE THE NUISANCE OF DUST TO PERSONS, DWELLINGS AND TRAFFIC, TO THE SATISFACTION OF THE ENGINEER. AT NO TIME SHALL THE CONTRACTOR TRACK MUD ONTO PUBLIC STREETS. IF MUD IS TRACKED ON STREETS IT SHALL BE REMOVED IMMEDIATELY TO THE SATISFACTION OF THE CONSTRUCTION MANAGER/ENGINEER (SEE STORM WATER MANAGEMENT PLAN). EQUIPMENT AND LABOR FOR DUST CONTROL AND STREET CLEANING SHALL BE AVAILABLE 24 HOURS PER DAY. COST FOR DUST CONTROL AND STREET CLEANING SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE WORK.
33. ALL GRADING SHALL BE TO THE FINISHED LINES AS SHOWN ON THE PLANS. WITHIN THE RIGHT-OF-WAY, TOPSOIL (6" DEPTH) SHALL BE PLACED IN ALL DISTURBED UNPAVED AREAS TO RECEIVE TURF, AND PLANT BACKFILL MIX SHALL BE PLACED IN ALL DISTURBED UNPAVED AREAS TO RECEIVE TREES, SHRUBS, OR GROUNDCOVERS. REF. DETAILS, SHEET 72.
34. PIPE FOR STORM AND SANITARY SYSTEMS IS MEASURED ALONG THE CENTERLINE OF THE PIPE FROM CENTER OF MANHOLE, CENTER OF THE JUNCTION STRUCTURE OF THE INLET. STATION AND ELEVATION OF ALL INLETS IS SHOWN AT THE FLOWLINE AT THE CENTER OF THE STRUCTURE.
35. TREES NOT IDENTIFIED FOR REMOVAL IN THE DEMOLITION PLANS SHALL BE PROTECTED IN PLACE.
36. THE CONTRACTOR AND SUBCONTRACTORS SHALL POSSESS A COPY OF THE PROJECT CONSTRUCTION MATERIALS MANAGEMENT PLAN AT ALL TIMES. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING ALL RULES AND GUIDELINES ESTABLISHED IN THE PLAN AND SHALL NOTIFY THE OWNER IMMEDIATELY IF ANY SUSPICIOUS MATERIALS ARE ENCOUNTERED ON SITE DURING ANY CONSTRUCTION OPERATIONS.
37. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO REUSE AND PROTECT EXISTING CURB, GUTTER AND PAVEMENT IN PLACE, AS SHOWN IN THE PLANS.
38. ALL UTILITY (WATER AND STORM DRAIN) TRENCH BACKFILL, PAVEMENT REMOVAL, AND REPAVING WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE PIPE.
39. ALL ROADS MUST BE FULLY CONSTRUCTED, TO FULL DEPTH PRIOR TO ALLOWING ANY TRAFFIC (CONSTRUCTION OR OTHERWISE) ON THE ROADS.
40. AS-BUILT DRAWINGS AND FIELD NOTES SHALL BE SUBMITTED TO THE CITY ENGINEER WITHIN 90 DAYS AFTER THE COMPLETION OF THE PROJECT UNLESS APPROVED OTHERWISE IN WRITING BY THE CITY ENGINEER.
41. THE OWNER/CONTRACTOR MUST PROVIDE A MGPEC COMPLIANT LABORATORY FOR ALL QUALITY CONTROL TESTING OF MATERIALS IN THE RIGHT OF WAY. THE CITY WILL ONLY PROVIDE QA.

ADDITIONAL NOTES:

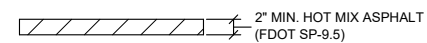
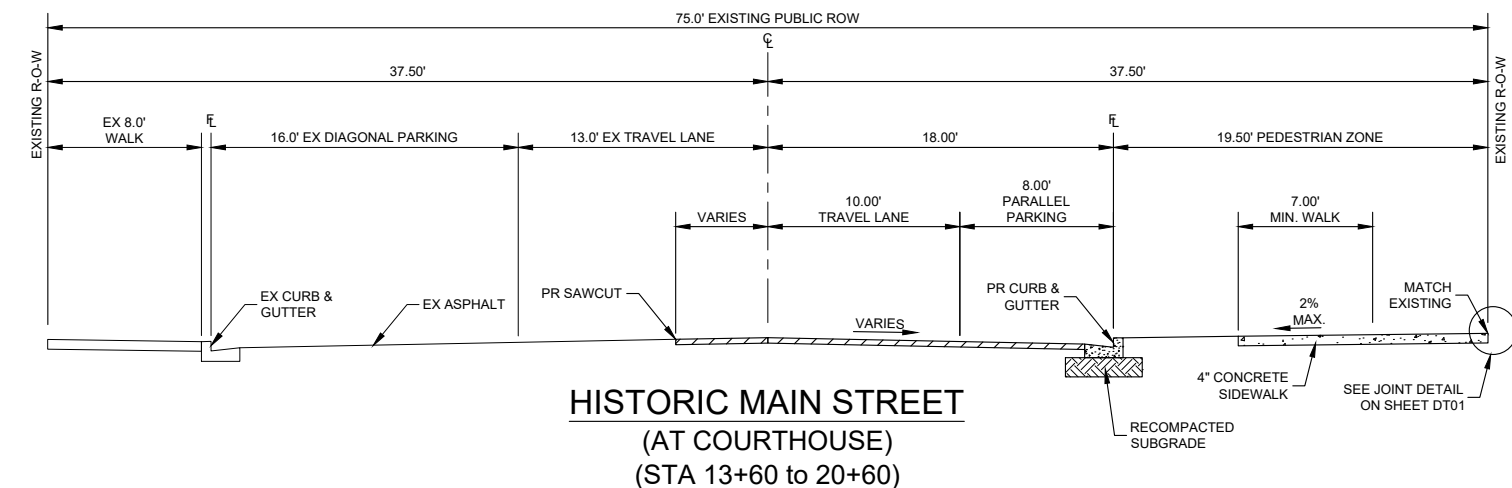
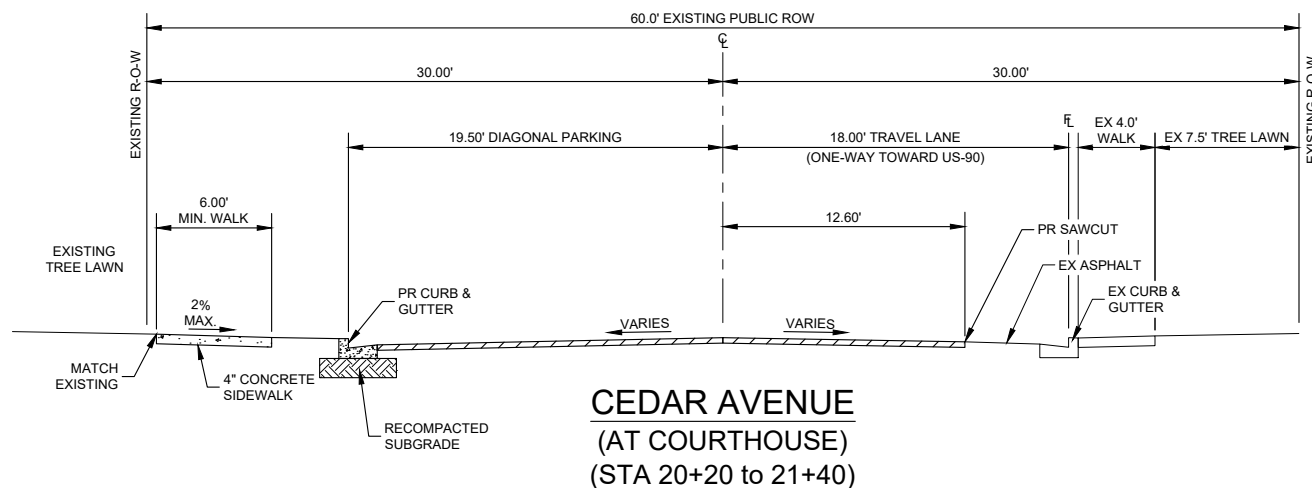
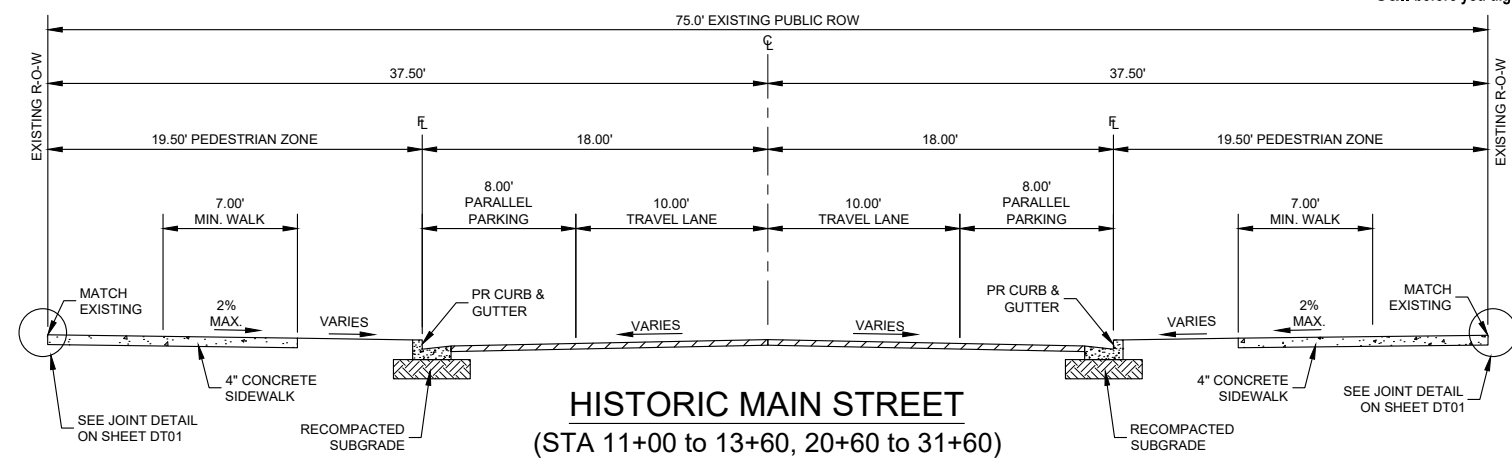
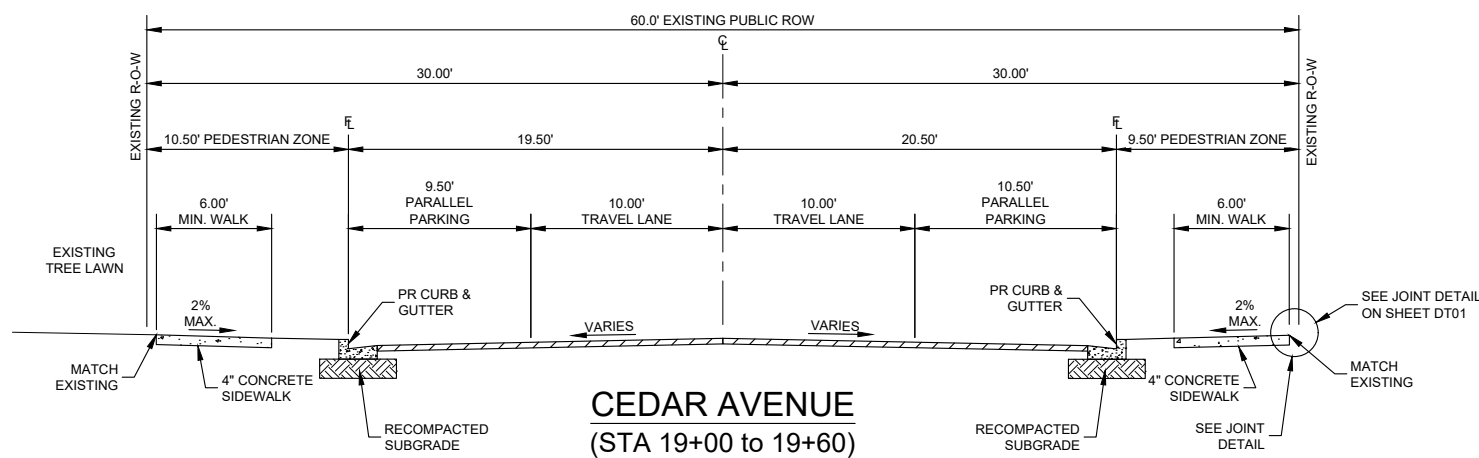
- 1. IMPROVEMENTS MADE WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A LICENSED AND BONDED RIGHT-OF-WAY CONTRACTOR AND REQUIRE INSPECTION BY THE CITY PRIOR TO ACCEPTANCE OF ANY IMPROVEMENTS
2. ALL WORK SHALL CONFORM TO CURRENT CITY ENGINEERING STANDARDS. IF THE RIGHT-OF-WAY CONSTRUCTION INSPECTOR FINDS A PROBLEM ON THE APPROVED PLANS DURING CONSTRUCTION THAT CONFLICT WITH AN APPLICABLE STANDARD OR REGULATION, THE INSPECTOR MAY HALT CONSTRUCTION UNTIL THE ISSUE IS RESOLVED.
3. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PROJECT PERMITS ASSOCIATED WITH CONSTRUCTION.
4. CONTRACTOR SHALL NOTIFY THE RIGHT-OF-WAY CONSTRUCTION INSPECTOR: 1) TWO WORKING DAYS BEFORE COMMENCING WORK IN RIGHT-OF-WAY; 2) WHEN SUSPENDING OPERATIONS IN RIGHT-OF-WAY FOR 5 OR MORE WORKING DAYS; 3) TWO WORKING DAYS BEFORE RESUMING SUSPENDED RIGHT-OF-WAY WORK; 4) UPON COMPLETION OF RIGHT-OF-WAY WORK.
5. CONTRACTOR SHALL MAINTAIN AT LEAST ONE PRINTED COPY OF THE APPROVED PLANS, SPECIFICATIONS AND STANDARDS ON THE JOB SITE AT ALL TIMES.
6. CONTRACTOR IS RESPONSIBLE FOR BEING AWARE OF, NOTIFYING, COORDINATING AND SCHEDULING ALL INSPECTIONS REQUIRED FOR FINAL APPROVALS AND PROJECT ACCEPTANCE.
7. PRIOR TO FINAL ACCEPTANCE, ALL DISTURBED PORTIONS OF ROADWAY RIGHT-OF-WAY SHALL BE CLEANED UP AND RESTORED TO THEIR ORIGINAL CONDITION, SUBJECT TO CITY AND COUNTY APPROVAL.
8. ALL WORK, INCLUDING CORRECTION WORK, IS SUBJECT TO NOTIFICATION AND INSPECTION REQUIREMENTS.
9. ALL WORK SHALL BE PROPERLY BACKFILLED PRIOR TO THE END OF WORKDAY. NO OPEN HOLES ARE ALLOWED OUTSIDE OF CONSTRUCTION HOURS. ALL WORK IS TO BE IN ACCORDANCE WITH PERMIT REQUIREMENTS AND APPLICABLE STANDARDS.
10. WORK HOURS HAVE BEEN SET AT 7AM TO 7PM. DIFFERENT WORK HOURS FOR OCCASIONAL NIGHT TIME WORK MUST BE AUTHORIZED BY THE CITY PRIOR TO BEGINNING CONSTRUCTION. THE CITY MAY RESTRICT WORK IN RIGHT-OF-WAY DURING ADVERSE WEATHER CONDITIONS OR DURING PERIODS OF HIGH TRAFFIC VOLUME OR EVENTS OPEN TO THE PUBLIC NEAR THE LIMITS OF

- CONSTRUCTION.
11. COORDINATE ALL STREET OCCUPANCY OR STREET CUT PERMITS WITH RIGHT-OF-WAY CONSTRUCTION INSPECTION 2 WEEKS PRIOR TO COMMENCEMENT OF WORK.
12. IN THE EVENT THAT AN EMERGENCY REPAIR TO EXISTING FACILITIES IS NECESSARY, THE RIGHT-OF-WAY CONSTRUCTION INSPECTOR SHALL IMMEDIATELY BE NOTIFIED OF POSSIBLE TRAFFIC HAZARDS. EMERGENCY PROCEDURES SHALL BE COORDINATED BEFOREHAND, WHERE POSSIBLE. NO WORK WILL BE ALLOWED UNTIL NOTIFICATION IS RECEIVED. EMERGENCY TELEPHONE NOTIFICATION MUST BE FOLLOWED UP WITH A LETTER A SOON AS POSSIBLE.
13. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING ADEQUATE TRAFFIC CONTROL THROUGHOUT THE PROJECT, INCLUDING PROPER TRAFFIC CONTROL DEVICES AND/OR PERSONNEL AS REQUIRED. A TRAFFIC CONTROL PLAN (TCP) IS SUBJECT TO CITY AND/OR FDOT APPROVAL PRIOR TO COMMENCING WORK ON ROADWAY RIGHT-OF-WAY. A COPY OF APPROVED TCPs MUST BE AVAILABLE ON SITE DURING WORK. TRAFFIC CONTROL IS TO BE IN ACCORDANCE WITH APPLICABLE STANDARDS.
14. CLOSURES OF ALL ROADS OR INTERSECTIONS SHALL REQUIRE SITE SPECIFIC TRAFFIC CONTROL PLANS AND APPROVAL BY THE CITY.
15. ALL TRAFFIC CONTROL PLANS AND SCHEDULES MUST BE APPROVED BY THE CITY PRIOR TO STREET OCCUPANCY OR STREET CUT PERMIT SUBMITTAL.
16. THE CONTRACTOR IS RESPONSIBLE FOR ANY MODIFICATIONS TO EXISTING PAVEMENT MARKINGS NECESSITATED BY THIS PROJECT. PROPOSED PAVEMENT MARKING MUST BE PER FDOT AND MUTCD STANDARDS. ALL MARKINGS MUST BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
17. ALL RANGE POINTS, TIES, BENCHMARKS, OR OTHER CITY SURVEY CONTROL POINTS, WHICH MAY BE ENCOUNTERED DURING CONSTRUCTION, MUST BE PRESERVED.
18. THE CONTRACTOR SHALL CONTACT ALL APPROPRIATE UTILITY COMPANIES AND RIGHT-OF-WAY CONSTRUCTION INSPECTION THREE DAYS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ANY EXISTING UTILITY (INCLUDING DEPTHS) WHICH MAY CONFLICT WITH THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES FROM DAMAGE. DAMAGED UTILITIES SHALL BE REPAIRED BY AND AT THE EXPENSE OF THE CONTRACTOR.
19. RELOCATION OR RESET OF UTILITIES THAT LIE WITHIN THE PUBLIC RIGHT-OF-WAY WILL BE COORDINATED WITH THE APPROPRIATE UTILITY OR AGENCY AND SHOULD BE INCLUDED IN THE COST OF THE WORK.
20. WHEN AN EXISTING ASPHALT STREET IS CUT, THE STREET MUST BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL CONDITION. THE EXISTING STREET CONDITION SHALL BE DOCUMENTED BEFORE ANY CUTS ARE MADE. PATCHING SHALL BE DONE IN CONFORMANCE WITH THE PROJECT STANDARDS. THE FINISHED PATCH SHALL BLEND SMOOTHLY INTO THE EXISTING SURFACE. ALL LARGE PATCHES SHALL BE PAVED WITH AN ASPHALT LAY-DOWN MACHINE.
21. PATCH ASPHALT PAVING AS NECESSARY TO JOIN NEW GUTTERS WITH THE EXISTING PAVEMENT. REMOVAL AND REPLACEMENT OF ASPHALT SHALL BE PER THE LATEST FDOT DETAILS.
22. CONSTRUCTION OF ANY PORTION OF THE ROADWAY FACILITY, INCLUDING THE PAVEMENT STRUCTURE, SUBSURFACE SUPPORT, DRAINAGE, LANDSCAPING ELEMENTS, AND ALL APPURTENANT FEATURES SHALL COMPLY WITH THE PROVISIONS OF THE CITY STANDARDS.
23. WHERE CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS, EXCAVATED MATERIAL IS TO BE PLACED ON THE UPHILL SIDE OF TRENCHES.
24. ALL CONCRETE WORK REQUIRES FULL PANEL REPLACEMENT.
25. MATERIAL REMOVED FROM ANY PORTION OF THE ROADWAY PRISM MUST BE REPLACED IN LIKE KIND WITH EQUAL OR BETTER COMPACTION. NO SEGREGATION OF MATERIAL WILL BE PERMITTED.
26. ANY EXISTING CURB, GUTTER, CURB RAMP, DRIVEWAY, AND/OR SIDEWALK ON THE PROJECT'S RIGHT-OF-WAY FRONTAGE THAT DOES NOT MEET ADA CRITERIA OR THAT IS DAMAGED MUST BE REPAIRED OR REPLACED AT THE DIRECTION OF RIGHT-OF-WAY CONSTRUCTION INSPECTION.
27. PROTECTION AND REPLACEMENT OF STREET IMPROVEMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THESE IMPROVEMENTS ARE FULLY COMPLETED AND ACCEPTED BY THE CITY.
28. THE PERMITTEE SHALL NOT SPRAY, CUT, OR TRIM TREES OR OTHER LANDSCAPING ELEMENTS WITHIN RIGHT-OF-WAY UNLESS SUCH WORK IS OTHERWISE SPECIFIED IN THIS PERMIT OR CLEARLY INDICATED ON THE APPROVED PLANS.
29. SEEDING, SODDING, AND PLANTING IN THE RIGHT-OF-WAY SHALL BE AS SPECIFIED OR OTHERWISE APPROVED BY THE CITY AND THE ENGINEER.
30. TREES SHALL BE INSTALLED PER THE PLANS AND SHALL BE A MINIMUM OF 20' FROM INTERSECTIONS, 20' FROM THE EDGE OF CURB RAMPS, AND 10' FROM EDGE OF DRIVEWAYS.
31. THE PERMITTEE SHOULD REMOVE MATERIALS AND EQUIPMENT FROM THE ROADWAY RIGHT-OF-WAY AT THE CLOSE OF DAILY OPERATIONS. THE TRAFFIC CONTROL PLAN (TCP) MUST INCLUDE PROTECTIVE MEASURES WHERE MATERIALS AND EQUIPMENT MAY BE STORED IN RIGHT-OF-WAY, BUT ENSURE FIVE FEET OF PEDESTRIAN CLEARANCE ON SIDEWALKS.
32. NO CLEARED OR TRACKED EQUIPMENT MAY WORK IN OR MOVE OVER PAVED SURFACES WITHOUT MATS.
33. ANY SAW CUTS AND PATCHING SHOWN IN THIS CONSTRUCTION DOCUMENTS ARE APPROXIMATE. THE EXTENT OF THE ASPHALT PATCHING WILL BE SUBJECT TO THE APPROVAL BY THE RIGHT-OF-WAY INSPECTOR IN THE FIELD.

REFERENCE DRAWINGS, X:MDG22x34-TEP, No. DATE DESCRIPTION REVISIONS BY, COMPUTER FILE MANAGEMENT, FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEPIGN01.DWG, CTB FILE: MATRIX.CTB, PLOT DATE: SEPTEMBER 2023, THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE. KEYMAP, PREPARED FOR: The City Of CRESTVIEW FLORIDA, PREPARED BY: Matrix Excellence by Design, SEAL, MAIN STREET IMPROVEMENTS, CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS, GENERAL NOTES, DESIGNED BY: ACR, DRAWN BY: ACR, CHECKED BY: KSL, SCALE: HORIZ N/A, VERT. N/A, DATE ISSUED: SEPTEMBER 2023, SHEET 03 OF 09, DRAWING No. GN01

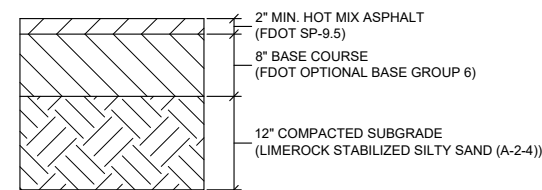


Know what's below.  
Call before you dig.



**MILL & OVERLAY  
TYPICAL SECTION**  
2" MIN. HOT MIX ASPHALT

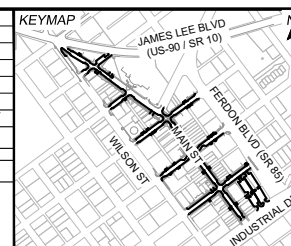
\*CONTRACTOR TO CORRECT SUB-BASE IF FOUND TO BE DEFICIENT AS DIRECTED BY GEOTECH.  
\*\*GEOTECH REPORTS THE PRESENCE OF AN ARMI LAYER ON MAIN STREET, WHICH MAY CAUSE DIFFICULT MILLING CONDITIONS.



**NEW PAVEMENT  
TYPICAL SECTION**  
2" HOT MIX ASPHALT  
8" BASE COURSE  
12" RECOMPACTED SUBGRADE

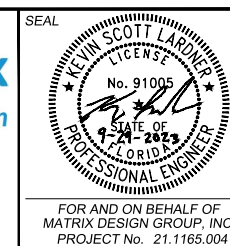
\*FOR USE WHERE MILL & OVERLAY IS NOT APPLICABLE.

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CTB FILE: MATRIX.CTB			
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PREPARED FOR:  
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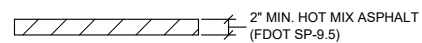
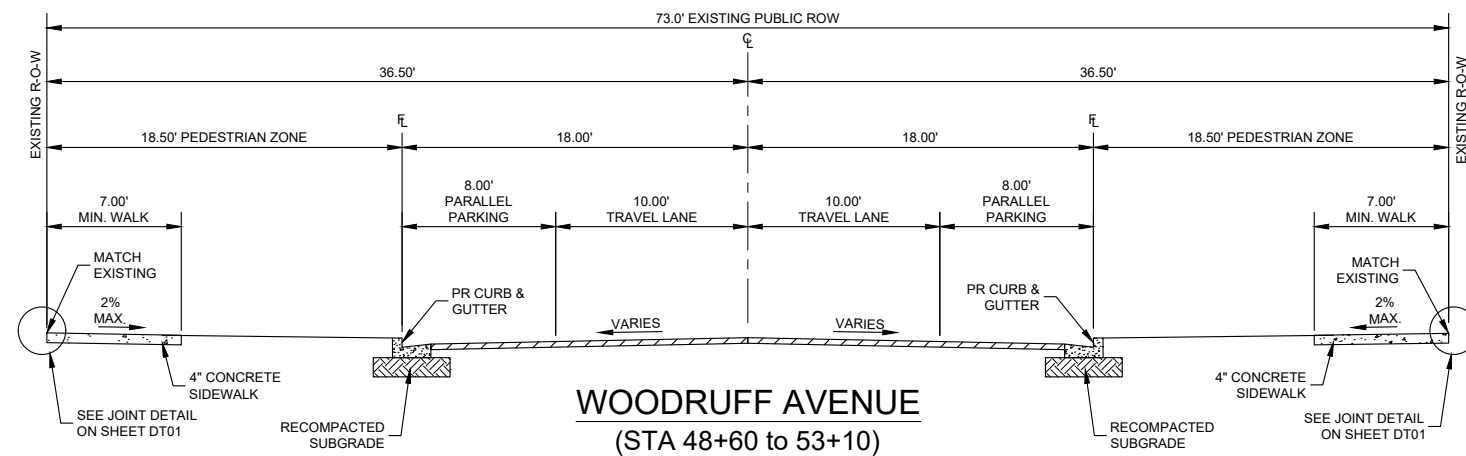
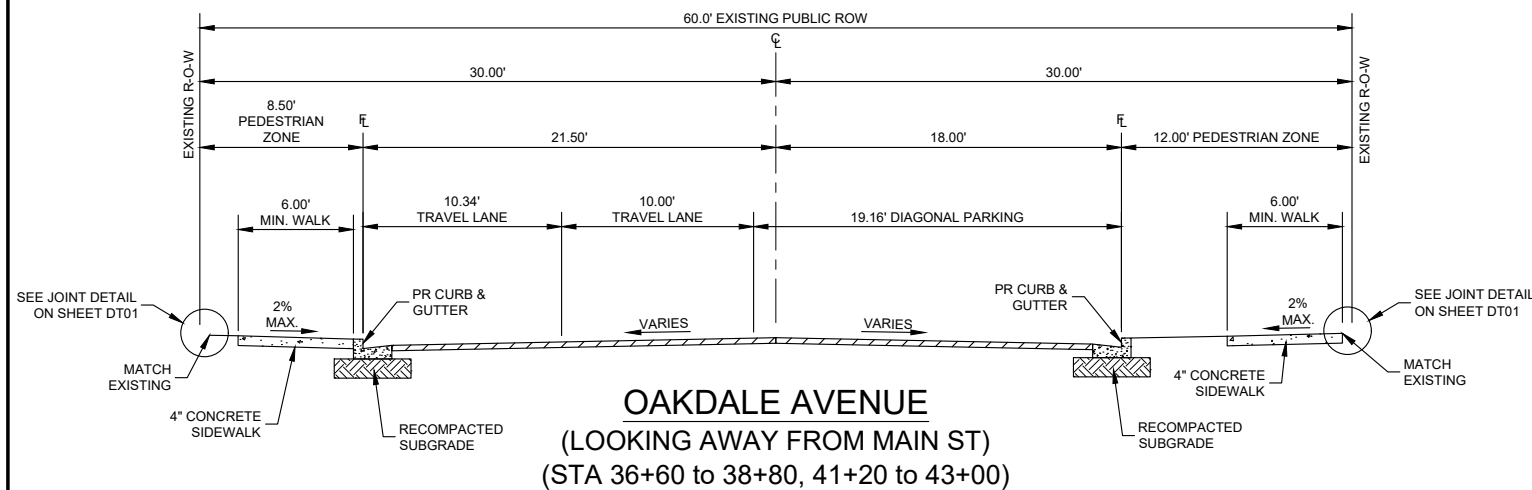
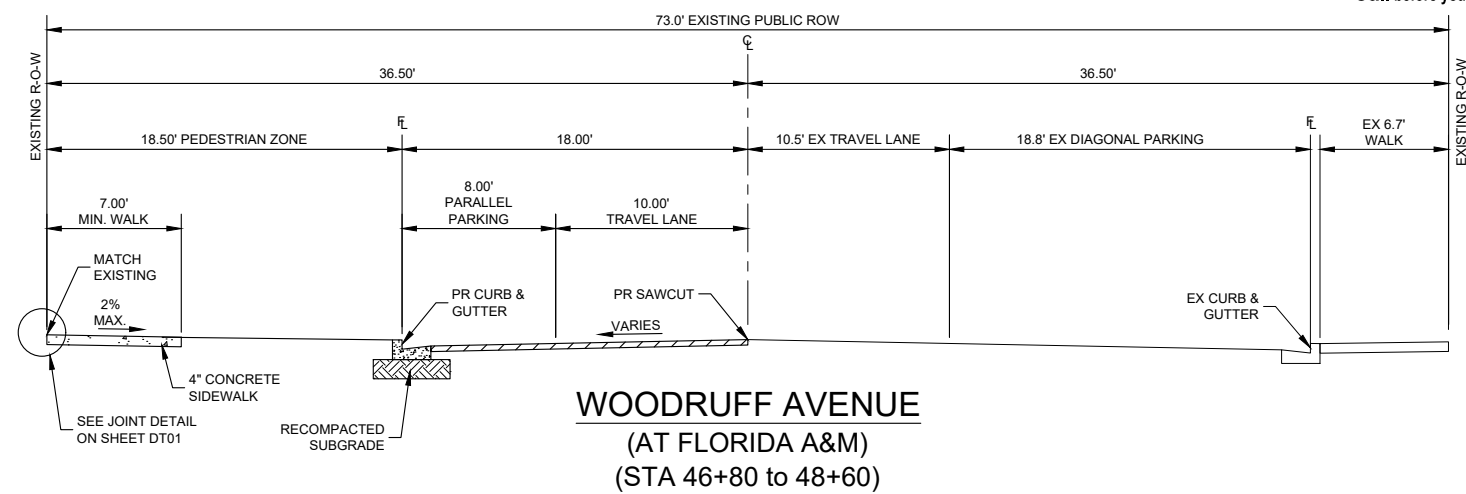
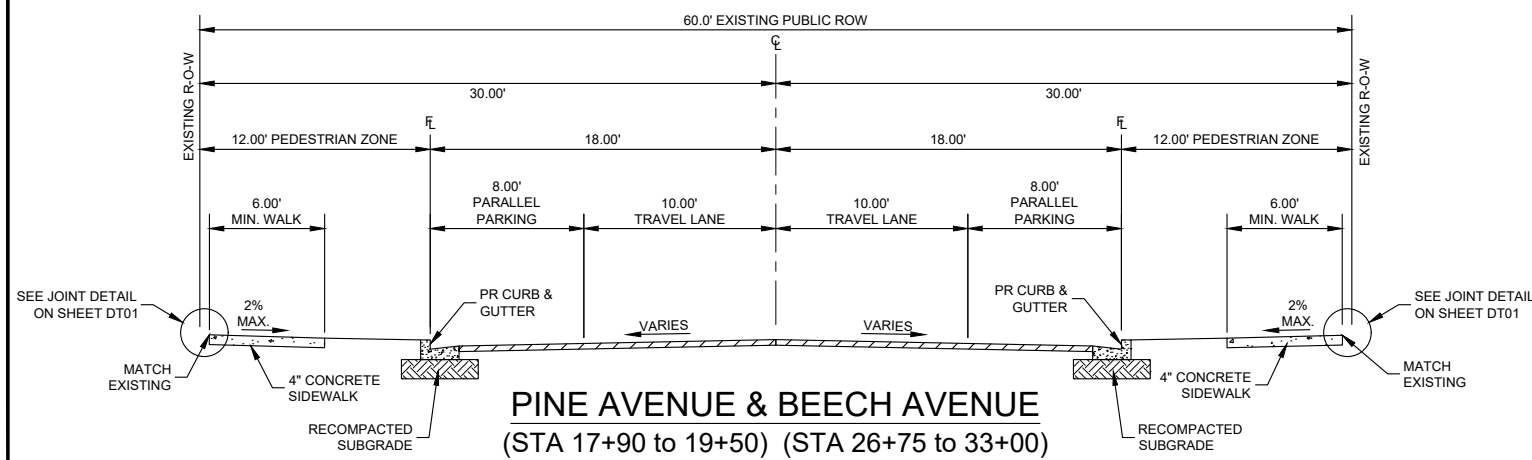
PREPARED BY:  
**Matrix**  
Excellence by Design  
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MAIN STREET IMPROVEMENTS			
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS			
TYPICAL SECTIONS 01			
DESIGNED BY: ACR	SCALE: 1" = 5'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. TY01
CHECKED BY: KSL	HORIZ: N/A	SHEET 04 OF 99	

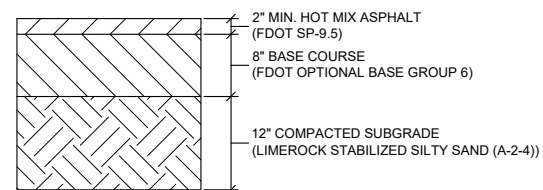


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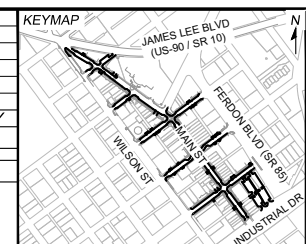
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**NEW PAVEMENT  
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2" HOT MIX ASPHALT  
8" BASE COURSE  
12" RECOMPACTED SUBGRADE

\*FOR USE WHERE MILL & OVERLAY IS NOT APPLICABLE.

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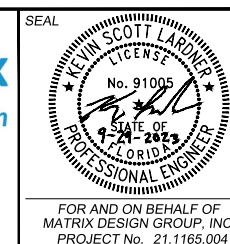


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MAIN STREET IMPROVEMENTS			
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS			
TYPICAL SECTIONS 02			
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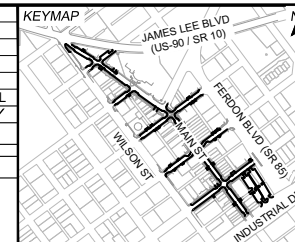
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CITY OF CRESTVIEW  
SUMMARY OF APPROXIMATE QUANTITIES  
BASE BID - SCHEDULE A

ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY		TOTAL	DESIGN NOTES
			PH1 - Parking Lot	PH 1 - PH 6		
0101 -1	MOBILIZATION	LS		1.0	1.0	
0102-1	MAINTENANCE OF TRAFFIC	LS		1.0	1.0	
0104-10-3	SEDIMENT BARRIER	LF		644.0	644.0	
0104-18	INLET PROTECTION SYSTEM	EA	1.0	34.0	35.0	
0104-15	SOIL TRACKING PREVENTION DEVICE	EA		5.0	5.0	
0110-1-A	CLEARING AND GRUBBING	AC	0.8	0.5	1.3	
0110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY		1770.6	1770.6	Includes brick crosswalk pavers
0110-4-3	REMOVAL OF EXISTING CONCRETE, CONCRETE SIDEWALKS AND DRIVEWAYS	SY		3352.6	3352.6	
0110-4-5	REMOVAL OF EXISTING CONCRETE, CURB ELEMENTS	SY		2036.6	2036.6	
110-21	TREE PROTECTION BARRIER	LF		920.0	920.0	
110-23	TREE REMOVAL	EA		56.0	56.0	
120-1	EXCAVATION (CUT)	CY	800.0	1110.0	1910.0	
285706	OPTIONAL BASE, BASE GROUP 6	SY	3550.0	5577.0	9127.0	8" Depth per Geotech
285706-X	3/4" AGGREGATE BASE COURSE	CY		1001.0	1001.0	Under Sidewalk
E110-70	REMOVAL OF FLEXIBLE PAVEMENT	SY		12331.0	12331.0	Complete in place removal of asphalt pavement
0327-70-5	MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH	SY		2382.0	2382.0	
0327-70-4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY		5556.0	5556.0	
0327-70-23	MILLING EXISTING ASPHALT PAVEMENT, 6" AVG DEPTH	SY		1152.0	1152.0	
0337-7-8x	ASPHALT PAVEMENT (2" FDOT SP-9.5)	TN	955.0	6178.8	7133.8	
0350-3-5	PLAIN CEMENT CONCRETE PAVEMENT 8" THICK	SY		19.0	19.0	
0425-11	MODIFY EXISTING DRAINAGE STRUCTURE	EA		11.0	11.0	
0425-1361	INLET FDOT Type 4	EA		23.0	23.0	
0425-1441	INLET NYLOPLAST	EA	1.0		1.0	
0436-1-2	TRENCH DRAIN, SPECIAL	LF		116.0	116.0	Sidewalk Trench Drains
0425-2-91	MANHOLES, 4" DIAMETER	EA		7.0	7.0	
0425-4	INLETS, ADJUST	EA		1.0	1.0	Adjust Inlet Fl Elevation
0425-5	MANHOLES, ADJUST	EA		1.0	1.0	Adjust MH Rim Elevation
0425-6	VALVE BOXES, ADJUST	EA		25.0	25.0	
0425-8	DRAINAGE STRUCTURES, MISCELLANEOUS, ADJUST	EA		11.0	11.0	Existing Inlets modified to manhole or area inlet
0430-030	CONCRETE END WALL	EA	1.0	0.0	1.0	
0520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	1600.0	4574.0	6174.0	6" Tall Curb & Gutter
0520-1-11	CONCRETE CURB & GUTTER, TYPE F, 4" CURB HEAD	LF	0.0	1431.0	1431.0	4" Tall Curb & Gutter
0520-002	CONCRETE DRAINAGE PAN	SY	92.2	0.0	92.2	
0522-1	CONCRETE SIDEWALK AND DRIVEWAY 4" THICK	SY		5023.0	5023.0	Includes curb ramps and building entrance ramps
0522-2	CONCRETE SIDEWALK AND DRIVEWAY 6" THICK	SY	11.1	1122.0	1133.1	Includes curb ramps and building entrance ramps
0523-1	STAMPED, COLORED CONCRETE CROSSWALK 7" THICK	SY		292.0	292.0	
0526-1-2	PAVERS, ARCHITECTURAL, SIDEWALK (BRICK)	SY		788.6	788.6	Includes pavers, sand setting bed, aggregate, filter fabric
0527-2	DETECTABLE WARNINGS	SF		408.0	408.0	
0575-1-7	TURF (INCL. FINE GRADING)	SF	8495.0	24047.0	32542.0	
0575-2	PLANTER BACKFILL MIX	CY		214.0	214.0	
0575-2	TOPSOIL IMPORT FOR TURF AREAS, 6" DEPTH (INCL. AMENDMENTS AS NEEDED)	SF	8495.0	24047.0	32542.0	
0580-1-73	ROCK MULCH, 4" DEPTH	SY		349.0	349.0	
0580-4-2	LANDSCAPE TREES - DECIDUOUS TREES (2-INCH CALIPER)	EA		20.0	20.0	
0580-4-2	LANDSCAPE TREES - ORNAMENTAL (2-INCH CALIPER)	EA		7.0	7.0	
0580-4-2	LANDSCAPE - SHRUBS - 5 GALLON	EA		91.0	91.0	
0580-4-2	LANDSCAPE - SHRUBS - 1 GALLON	EA		399.0	399.0	
0580-7-21	LANDSCAPE - GROUNDCOVERS - 1 GALLON	EA		163.0	163.0	
0580-7-41	LANDSCAPE - ORNAMENTAL GRASSES - 1 GALLON	EA		198.0	198.0	
0580-13-1	TREE GUARD	LF		940.0	940.0	
0580-13-2	FILTER FABRIC (IN TREE WELLS & RAISED PLANTERS)	SF		3868.0	3868.0	
0590-1	LANDSCAPE IRRIGATION SYSTEM	LS	1.0	1.0	2.0	
0635-1-11	PULL & JUNCTION BOX, F&I, PULL BOX	EA		4.0	4.0	
0639-2-1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF		5540.0	5540.0	
0639-1111	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER FURNISHED BY CONTRACTOR	AS		2.0	2.0	
0676-3100	100A 18-CKT PANEL NEMA 3R	EA		2.0	2.0	
0700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS		48.0	48.0	
0700-1-12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS		0.0	0.0	
0700-1-13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS		0.0	0.0	
0700-1-14	SINGLE POST SIGN, F&I GROUND MOUNT, 31+ SF	AS		0.0	0.0	
0700-1-50	SINGLE POST SIGN, RELOCATE	AS		0.0	0.0	
0700-1-60	SINGLE POST SIGN, REMOVE	AS		48.0	48.0	
0710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1.0	1.0	2.0	
0715-4-60	LIGHT POLE COMPILE, RELOCATE	EA		65.0	65.0	
0751-32-15	RAISED PLANTER (INCL. CONCRETE, REINFORCING, STONE VENEER, STONE CAP)	LF		860.0	860.0	
0751-36-11	BICYCLE RACK, FURNISH & INSTALL, 1-2 BICYCLES (INCL. FOOTING)	EA		9.0	9.0	
0751-37	TRASH RECEPTACLE, F & I (INCL. FOOTING)	EA		11.0	11.0	
0751-38-10	BENCH, F&I, PROPRIETARY PRODUCTS (INCL. FOOTING)	EA		18.0	18.0	
0751-38-13	BENCH, F&I, CONCRETE (INCL. FOOTING)	EA		87.0	87.0	
1050-11224	UTILITY PIPE F&I, PVC, DRAINAGE, 12"	LF	116.0			
1050-11223	UTILITY PIPE F&I, PVC, DRAINAGE, 6"	LF		115.0	115.0	Sidewalk Trench Drain Pipe
1050-51202	UTILITY PIPE F&I, C.I., WATER, 2"	LF		17.0	17.0	Quantity is inclusive of pipe bends and fittings
1050-51206	UTILITY PIPE F&I, C.I., WATER, 6"	LF		103.0	103.0	Quantity is inclusive of pipe bends and fittings
1050-51208	UTILITY PIPE F&I, C.I., WATER, 8"	LF		43.0	43.0	Quantity is inclusive of pipe bends and fittings
0908104 -1	CONTRACTOR'S SEDIMENT AND EROSION CONTROL	LS	0.5	0.5	1.0	
E430 17 99	PIPE REMOVAL	LF		393.0		
430174118	PIPE CULVERT, REINFORCED CONCRETE PIPE, ROUND 18-INCH	LF		440.0	440.0	
1644300	FIRE HYDRANT, INSTALL	EA		4.0	4.0	
1644900	FIRE HYDRANT, REMOVE	EA		4.0	4.0	
E110-3-3	REMOVAL OF EXISTING STRUCTURE (INLET)	EA		15.0	15.0	
E110-3-4	REMOVAL OF EXISTING STRUCTURE (MANHOLE)	EA		1.0	1.0	
N/A	RESET MEMORIAL BRICKS	EA		769.0	769.0	Includes the removal and reinstall of memorial bricks as show on plans
N/A	RESTORE BENCHMARK	EA		10.0	10.0	

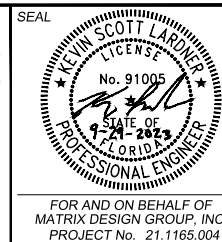
- NOTES:  
 1) REFER TO SUGGESTED PHASING PLAN, SHEET 98.  
 2) CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR AND NOTIFY ENGINEER OF ANY QUESTIONS

REFERENCE DRAWINGS			
X-MDG22x34-TEP			
	1	02/24/2023	BID CLARIFICATIONS
	No.	DATE	DESCRIPTION
			REVISIONS
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CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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 FLORIDA  
 198 North Wilson Street  
 Crestview, FL 32536  
 Phone: 850-682-1560  
 www.cityofcrestview.org

PREPARED BY:  
**Matrix**  
 Excellence by Design  
 320 Bayshore Drive, Suite B  
 Niceville, FL 32578  
 Phone: 850-279-4298  
 www.matrixdesigngroup.com



**MAIN STREET IMPROVEMENTS**  
 CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

---

**SUMMARY OF APPROXIMATE QUANTITIES**

DESIGNED BY: ACR	SCALE:	DATE ISSUED: SEPTEMBER 2023	DRAWING No.
DRAWN BY: ACR	HORIZ: N/A		
CHECKED BY: KSL	VERT: N/A	SHEET: 06 OF 99	SQ01



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**Gustin, Cothern & Tucker, Inc.**  
LAND SURVEYING  
121 Hart Street  
Niceville, FL 32578 (850) 678-5141  
Fax: (850) 729-2460 LB. No. 3501  
www.gustincothernandtucker.com

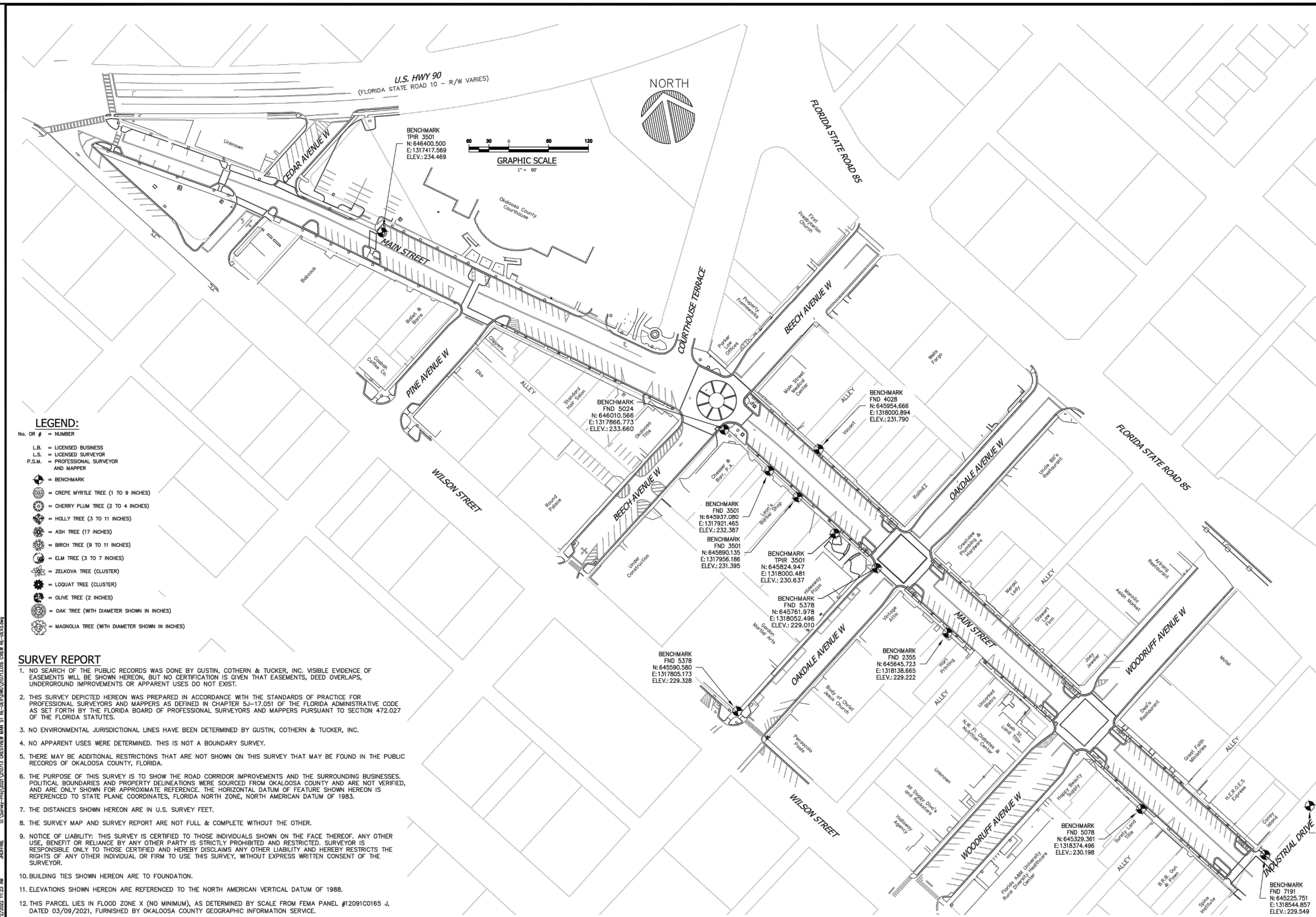
NOT VALID WITHOUT THE SIGNATURE AND SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER  
© G.C.T., INC. 2022

ALEX E. TUCKER, P.S.M. No. 4584  
OR  
JOSHUA P. WOOD, P.S.M. No. 6960  
DATE: 2 AUG 2022

REV 19 NOV 2021: ADDED MUNICIPAL UTILITY DATA  
REV 19 JUN 2022: ADDED LOCATIONS/UPDATED TOPO  
REV 2 AUG 2022: ADDED UTILITIES (44)  
REV 2 AUG 2022: ADDED UTILITIES (44)

MAIN STREET REDEVELOPMENT  
CRESTVIEW  
PLAT BOOK 1, PAGE 72 IN SECTION 17,  
TOWNSHIP 3 NORTH, RANGE 23 WEST,  
OKALOOSA COUNTY, FLORIDA

MATRIX  
CLIENT: CITY OF CRESTVIEW  
SURVEY TYPE: TOPOGRAPHIC  
SURVEY DATE: 12 JUL 2022  
SHEET 1 OF 4  
210713  
INDEX  
210713.01b

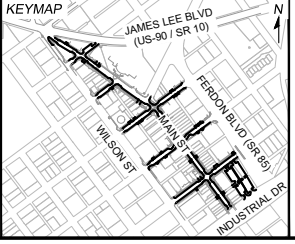


- LEGEND:**  
No. OR # = NUMBER
- L.B. = LICENSED BUSINESS
  - L.S. = LICENSED SURVEYOR
  - P.S.M. = PROFESSIONAL SURVEYOR AND MAPPER
  - ⊕ = BENCHMARK
  - ⊙ = CREPE MYRTLE TREE (1 TO 9 INCHES)
  - ⊙ = CHERRY PLUM TREE (2 TO 4 INCHES)
  - ⊙ = HOLLY TREE (3 TO 11 INCHES)
  - ⊙ = ASH TREE (17 INCHES)
  - ⊙ = BIRCH TREE (9 TO 11 INCHES)
  - ⊙ = ELM TREE (3 TO 7 INCHES)
  - ⊙ = ZELKOVA TREE (CLUSTER)
  - ⊙ = LOQUAT TREE (CLUSTER)
  - ⊙ = OLIVE TREE (2 INCHES)
  - ⊙ = OAK TREE (WITH DIAMETER SHOWN IN INCHES)
  - ⊙ = MAGNOLIA TREE (WITH DIAMETER SHOWN IN INCHES)

- SURVEY REPORT**
- NO SEARCH OF THE PUBLIC RECORDS WAS DONE BY GUSTIN, COTHERN & TUCKER, INC. VISIBLE EVIDENCE OF EASEMENTS WILL BE SHOWN HEREON, BUT NO CERTIFICATION IS GIVEN THAT EASEMENTS, DEED OVERLAPS, UNDERGROUND IMPROVEMENTS OR APPARENT USES DO NOT EXIST.
  - THIS SURVEY DEPICTED HEREON WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OF PRACTICE FOR PROFESSIONAL SURVEYORS AND MAPPERS AS DEFINED IN CHAPTER 5J-17.051 OF THE FLORIDA ADMINISTRATIVE CODE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS PURSUANT TO SECTION 472.027 OF THE FLORIDA STATUTES.
  - NO ENVIRONMENTAL JURISDICTIONAL LINES HAVE BEEN DETERMINED BY GUSTIN, COTHERN & TUCKER, INC.
  - NO APPARENT USES WERE DETERMINED. THIS IS NOT A BOUNDARY SURVEY.
  - THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT SHOWN ON THIS SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF OKALOOSA COUNTY, FLORIDA.
  - THE PURPOSE OF THIS SURVEY IS TO SHOW THE ROAD CORRIDOR IMPROVEMENTS AND THE SURROUNDING BUSINESSES. POLITICAL BOUNDARIES AND PROPERTY DELINEATIONS WERE SOURCED FROM OKALOOSA COUNTY AND ARE NOT VERIFIED, AND ARE ONLY SHOWN FOR APPROXIMATE REFERENCE. THE HORIZONTAL DATUM OF FEATURE SHOWN HEREON IS REFERENCED TO STATE PLANE COORDINATES, FLORIDA NORTH ZONE, NORTH AMERICAN DATUM OF 1983.
  - THE DISTANCES SHOWN HEREON ARE IN U.S. SURVEY FEET.
  - THE SURVEY MAP AND SURVEY REPORT ARE NOT FULL & COMPLETE WITHOUT THE OTHER.
  - NOTICE OF LIABILITY: THIS SURVEY IS CERTIFIED TO THOSE INDIVIDUALS SHOWN ON THE FACE THEREOF. ANY OTHER USE, BENEFIT OR RELIANCE BY ANY OTHER PARTY IS STRICTLY PROHIBITED AND RESTRICTED. SURVEYOR IS RESPONSIBLE ONLY TO THOSE CERTIFIED AND HEREBY DISCLAIMS ANY OTHER LIABILITY AND HEREBY RESTRICTS THE RIGHTS OF ANY OTHER INDIVIDUAL OR FIRM TO USE THIS SURVEY, WITHOUT EXPRESS WRITTEN CONSENT OF THE SURVEYOR.
  - BUILDING TIES SHOWN HEREON ARE TO FOUNDATION.
  - ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
  - THIS PARCEL LIES IN FLOOD ZONE X (NO MINIMUM), AS DETERMINED BY SCALE FROM FEMA PANEL #2091C0165 J, DATED 03/09/2021, FURNISHED BY OKALOOSA COUNTY GEOGRAPHIC INFORMATION SERVICE.

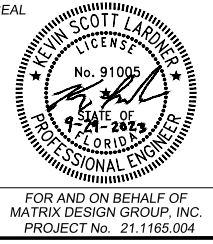
No.	DATE	DESCRIPTION REVISIONS	BY

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PLOT DATE: SEPTEMBER 2023  
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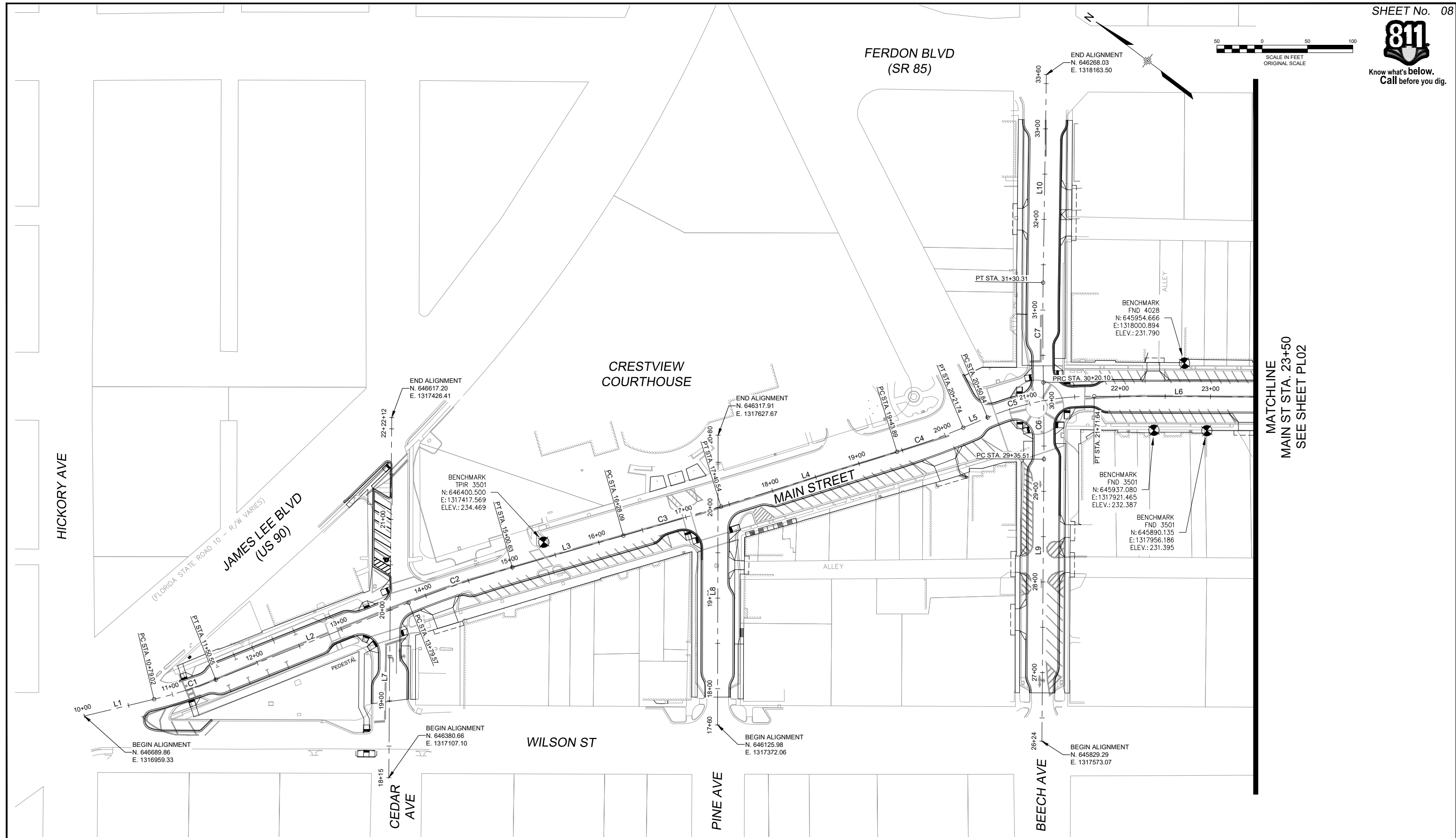
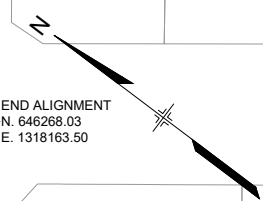
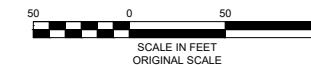
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS  
**PROJECT CONTROL PLAN**

DESIGNED BY: GCT	SCALE:	DATE ISSUED: SEPTEMBER 2023	DRAWING No.:
DRAWN BY: GCT	HORIZ: N/A	SHEET: 07 OF 09	PC01
CHECKED BY: GCT	VERT: N/A		

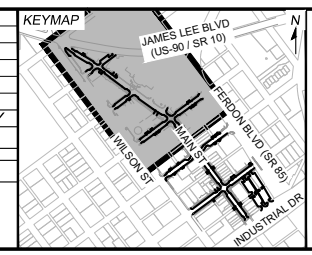
FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004



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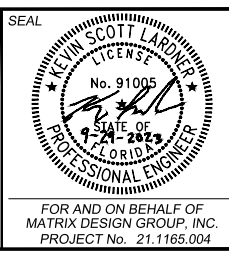


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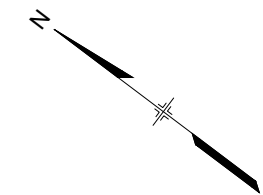
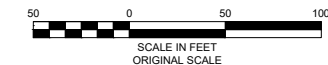


MAIN STREET IMPROVEMENTS			
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS			
PROJECT LAYOUT PLAN 01			
DESIGNED BY: ACR	SCALE: HORIZ 1" = 50'	DATE ISSUED: SEPTEMBER 2023	DRAWING No.
CHECKED BY: KSL	VERT. N/A	SHEET 08 OF 99	PL01



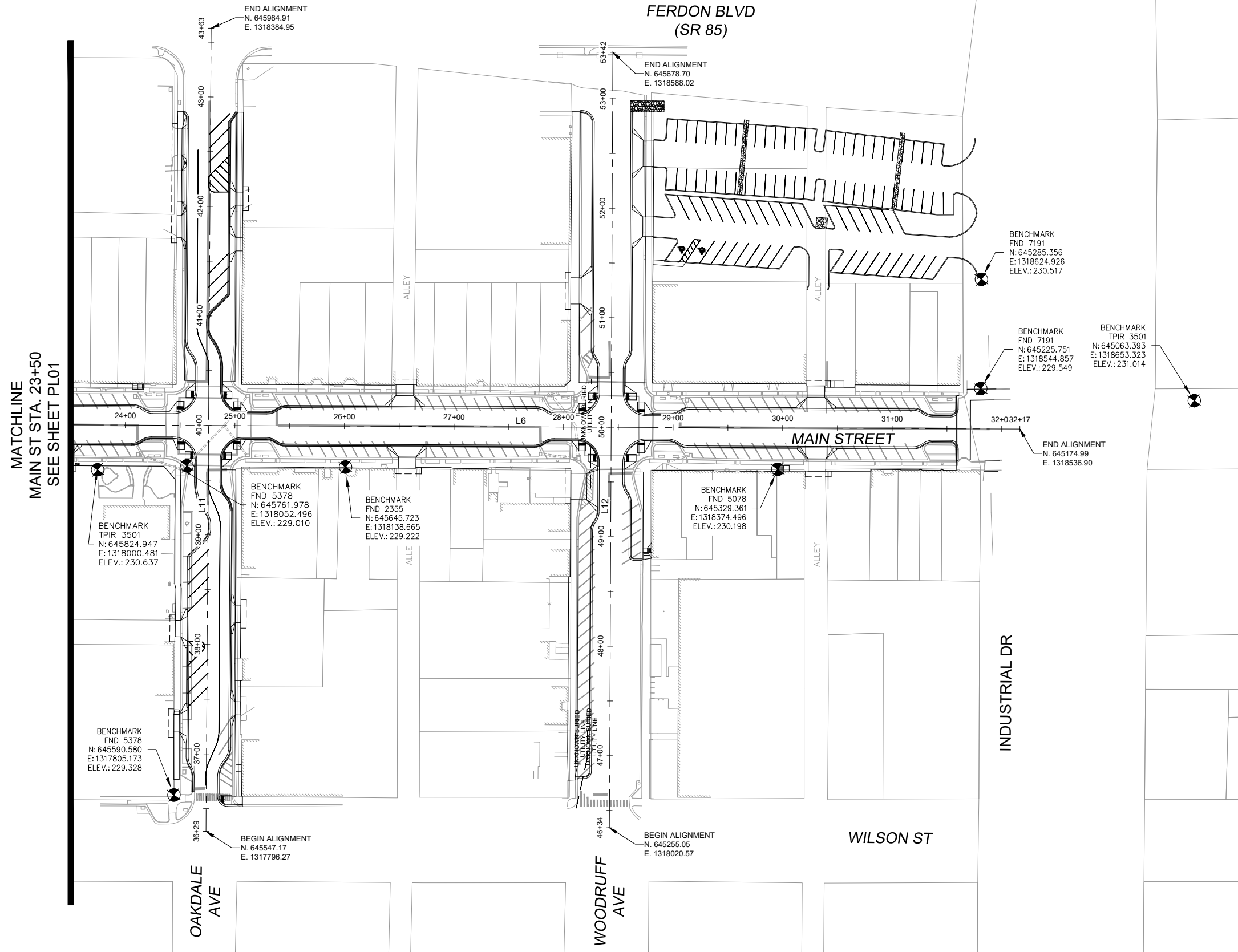


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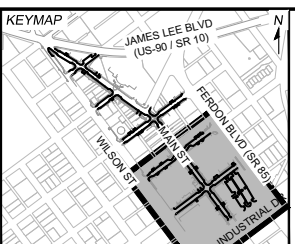


CURVE TABLE (DESIGN)					
CURVE No.	RADIUS	LENGTH	DELTA	CH. DIRECTION	CH. LENGTH
C1	500.00'	71.53'	8°11'48"	S 54°38'05" E	71.47'
C2	1200.00'	121.07'	5°46'50"	S 55°50'35" E	121.01'
C3	5000.00'	112.44'	1°17'19"	S 53°35'49" E	112.44'
C4	800.00'	77.85'	5°34'32"	S 57°01'44" E	77.82'
C5	300.00'	120.80'	23°04'14"	S 48°16'53" E	119.98'
C6	3000.00'	84.59'	1°36'56"	N 52°36'06" E	84.59'
C7	3000.00'	110.21'	2°06'17"	N 52°50'47" E	110.20'

LINE TABLE (DESIGN)		
LINE No.	LENGTH	DIRECTION
L1	79.02'	S50° 32' 11.11"E
L2	229.02'	S58° 43' 59.45"E
L3	127.46'	S52° 57' 09.70"E
L4	203.36'	S54° 14' 28.35"E
L5	29.10'	S59° 49' 00.24"E
L6	1044.92'	S36° 44' 46.60"E
L7	397.39'	N53° 28' 11.03"E
L8	319.78'	N53° 05' 56.70"E
L9	311.17'	N53° 24' 34.10"E
L10	229.66'	N53° 53' 55.15"E
L11	733.59'	N53° 21' 57.58"E
L12	708.16'	N53° 15' 17.61"E



No.	DATE	DESCRIPTION	BY
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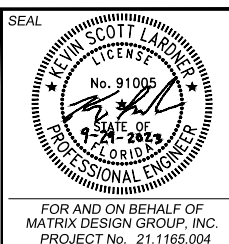


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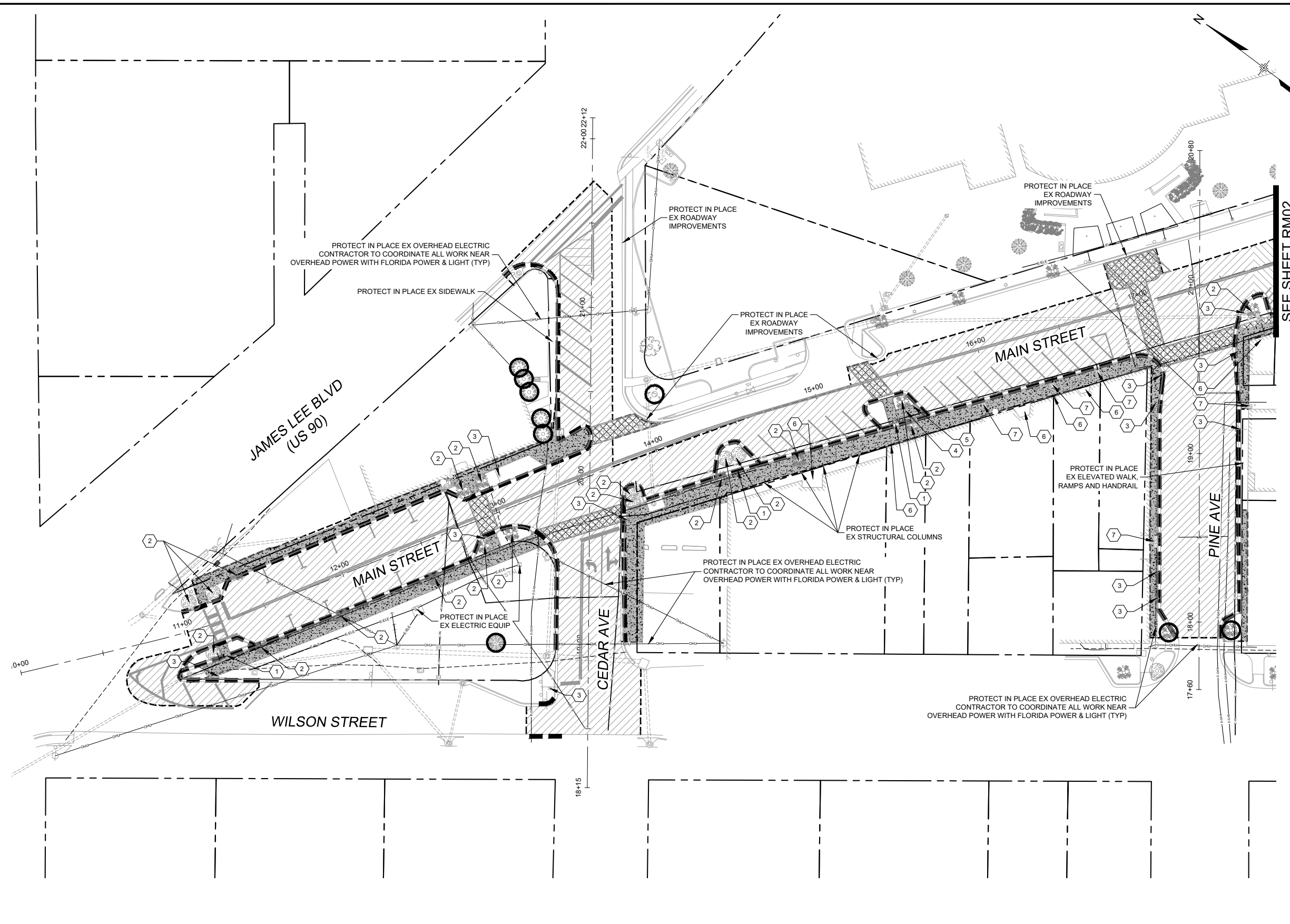
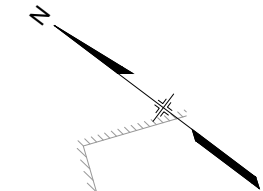
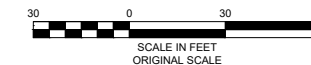
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**PROJECT LAYOUT PLAN 02**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 50'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. PL02
CHECKED BY: KSL	VERT. N/A	SHEET 09 OF 09	



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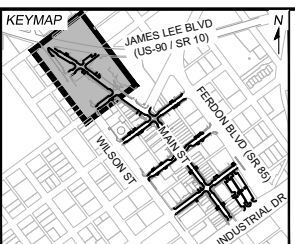
- NOTES:**
1. ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
  2. FOR WET AND DRY UTILITY INFORMATION, SEE UTILITY ADJUSTMENT AND LIGHTING PLANS, SHEETS UT01-04.
  3. CONTRACTOR TO PROTECT ALL IMPROVEMENTS OUTSIDE OF THE LIMITS OF WORK.
  4. CONTRACTOR TO MAINTAIN ACCESS TO BUSINESS DURING CONSTRUCTION.
  5. CONTRACTOR TO PROTECT ALL BUILDINGS.
  6. CONTRACTOR TO PROTECT DRAINAGE STRUCTURES IN PLACE TO ALLOW FOR PROPER DRAINAGE UNTIL NEW DRAINAGE FACILITIES ARE CONSTRUCTED.
  7. CONTRACTOR TO REMOVE, PROTECT, AND STORE ALL PEDESTRIAN LIGHTING (SEE LIGHTING PLAN)
  8. ALL WORK WITHIN FDOT ROW TO BE COORDINATED WITH FDOT (NEED CONTACT INFO).
  9. CONTRACTOR TO PROTECT ALL ELECTRIC FACILITIES IN PLACE INCLUDING POWER POLES.

- REMOVAL AND RESET LEGEND**
- PROPOSED SAW CUT LINE
  - REMOVAL OF CURB & GUTTER
  - - - - - REMOVE (ITEM AS NOTED)
  - [Hatched Box] 2-INCH MIN. MILL & OVERLAY ASPHALT MAT
  - [Cross-hatched Box] REMOVAL OF CONCRETE PAVERS (SEE PROJECT SPECIFIC NOTE 14 ON SHEET GN01)
  - [Stippled Box] REMOVAL OF CONCRETE
  - [Circle with dot] PROTECT IN PLACE EX TREE
  - [Hexagon 1] EX CONC CHASE DRAIN AND COVER PLATE TO BE REMOVED
  - [Hexagon 2] EX TREE, BUSH AND TREE WELL TO BE REMOVED
  - [Hexagon 3] EX STREET SIGN TO BE RESET
  - [Hexagon 4] EX BENCH TO BE REMOVED
  - [Hexagon 5] EX TRASH RECEPTACLE TO BE REMOVED
  - [Hexagon 6] PROTECT IN PLACE EX BUSINESS ENTRANCE STEP
  - [Hexagon 7] PROTECT IN PLACE EX WATER METER
  - [Hexagon 8] EX JUNCTION BOX TO BE REMOVED

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
1165-P-Roads				
X-MDG22x34-TEP				
210713 CVIEW EX-Survey				
1165-P-Util				
Woodruff Parking_EX-Survey_MDG-Copy				

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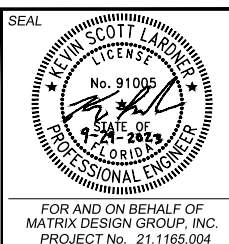


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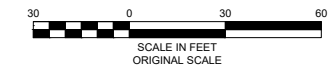
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

**ROADWAY REMOVAL & RESET PLAN 01**

DESIGNED BY: ACR	SCALE: 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. RM01
DRAWN BY: ACR	HORIZ: 1" = 30'	SHEET 10 OF 99	
CHECKED BY: KSL	VERT: N/A		



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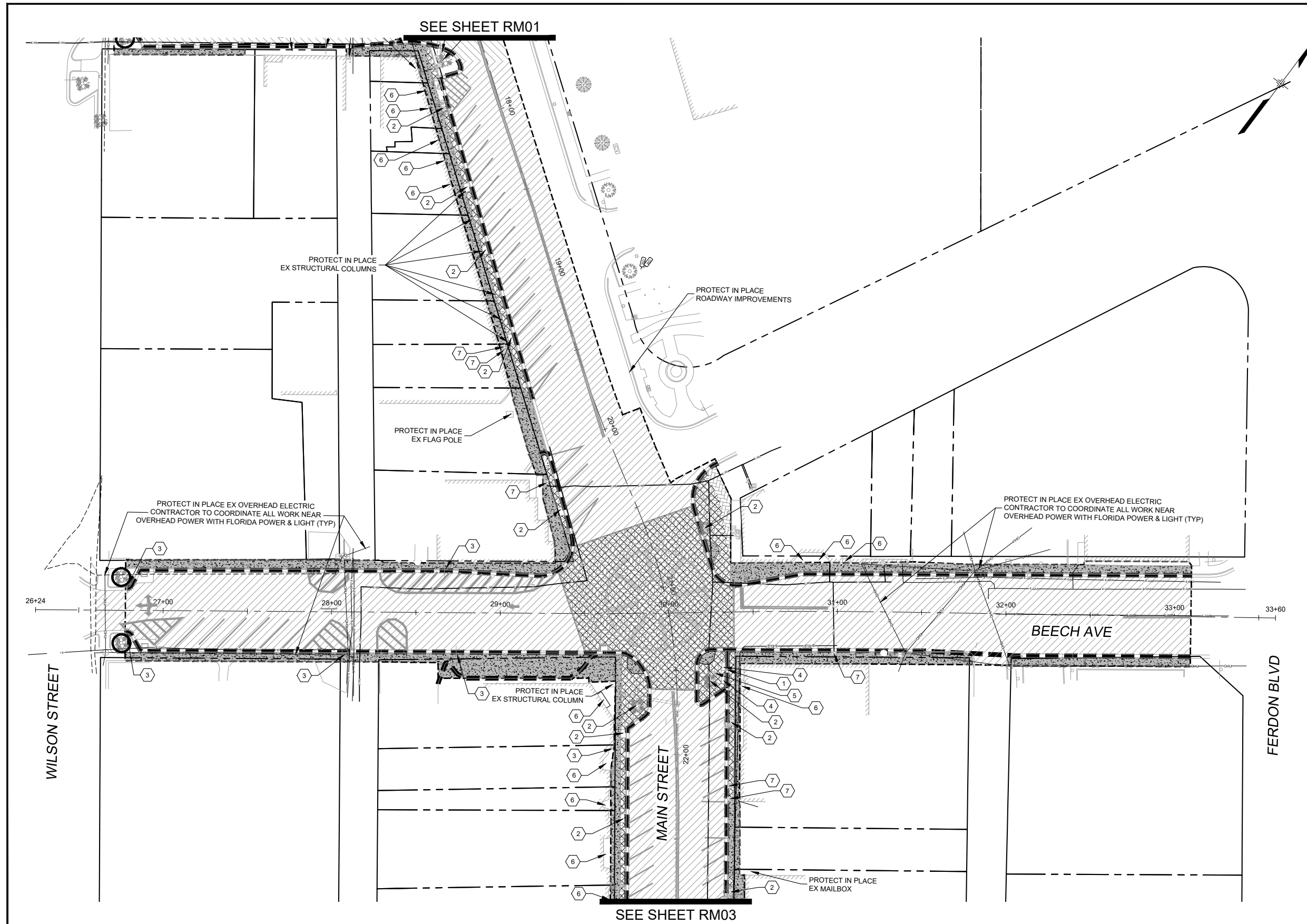


**NOTES:**

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5. CONTRACTOR TO PROTECT ALL BUILDINGS.
6. CONTRACTOR TO PROTECT DRAINAGE STRUCTURES IN PLACE TO ALLOW FOR PROPER DRAINAGE UNTIL NEW DRAINAGE FACILITIES ARE CONSTRUCTED.
7. CONTRACTOR TO REMOVE, PROTECT, AND STORE ALL PEDESTRIAN LIGHTING (SEE LIGHTING PLAN)
8. ALL WORK WITHIN FDOT ROW TO BE COORDINATED WITH FDOT (NEED CONTACT INFO).
9. CONTRACTOR TO PROTECT ALL ELECTRIC FACILITIES IN PLACE INCLUDING POWER POLES.

**REMOVAL AND RESET LEGEND**

- PROPOSED SAW CUT LINE
- REMOVAL OF CURB & GUTTER
- - - - - REMOVE (ITEM AS NOTED)
- ▨ 2-INCH MIN. MILL & OVERLAY ASPHALT MAT
- ▩ REMOVAL OF CONCRETE PAVERS (SEE PROJECT SPECIFIC NOTE 14 ON SHEET GN01)
- REMOVAL OF CONCRETE
- PROTECT IN PLACE EX TREE
- ① EX CONC CHASE DRAIN AND COVER PLATE TO BE REMOVED
- ② EX TREE, BUSH AND TREE WELL TO BE REMOVED
- ③ EX STREET SIGN TO BE RESET
- ④ EX BENCH TO BE REMOVED
- ⑤ EX TRASH RECEPTACLE TO BE REMOVED
- ⑥ PROTECT IN PLACE EX BUSINESS ENTRANCE STEP
- ⑦ PROTECT IN PLACE EX WATER METER
- ⑧ EX JUNCTION BOX TO BE REMOVED



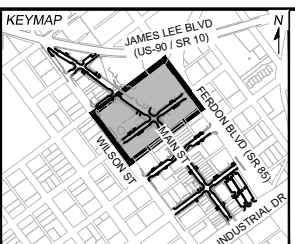
SEE SHEET RM01

SEE SHEET RM03

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
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1165-P-Utl				
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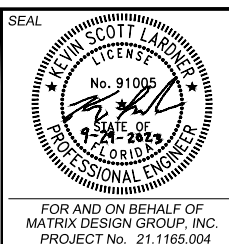


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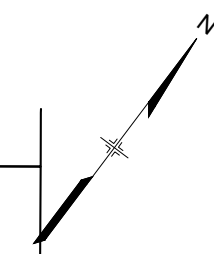
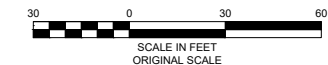
**MAIN STREET IMPROVEMENTS**  
 CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

**ROADWAY REMOVAL & RESET PLAN 02**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. RM02
CHECKED BY: KSL	VERT. N/A	SHEET 11 OF 99	

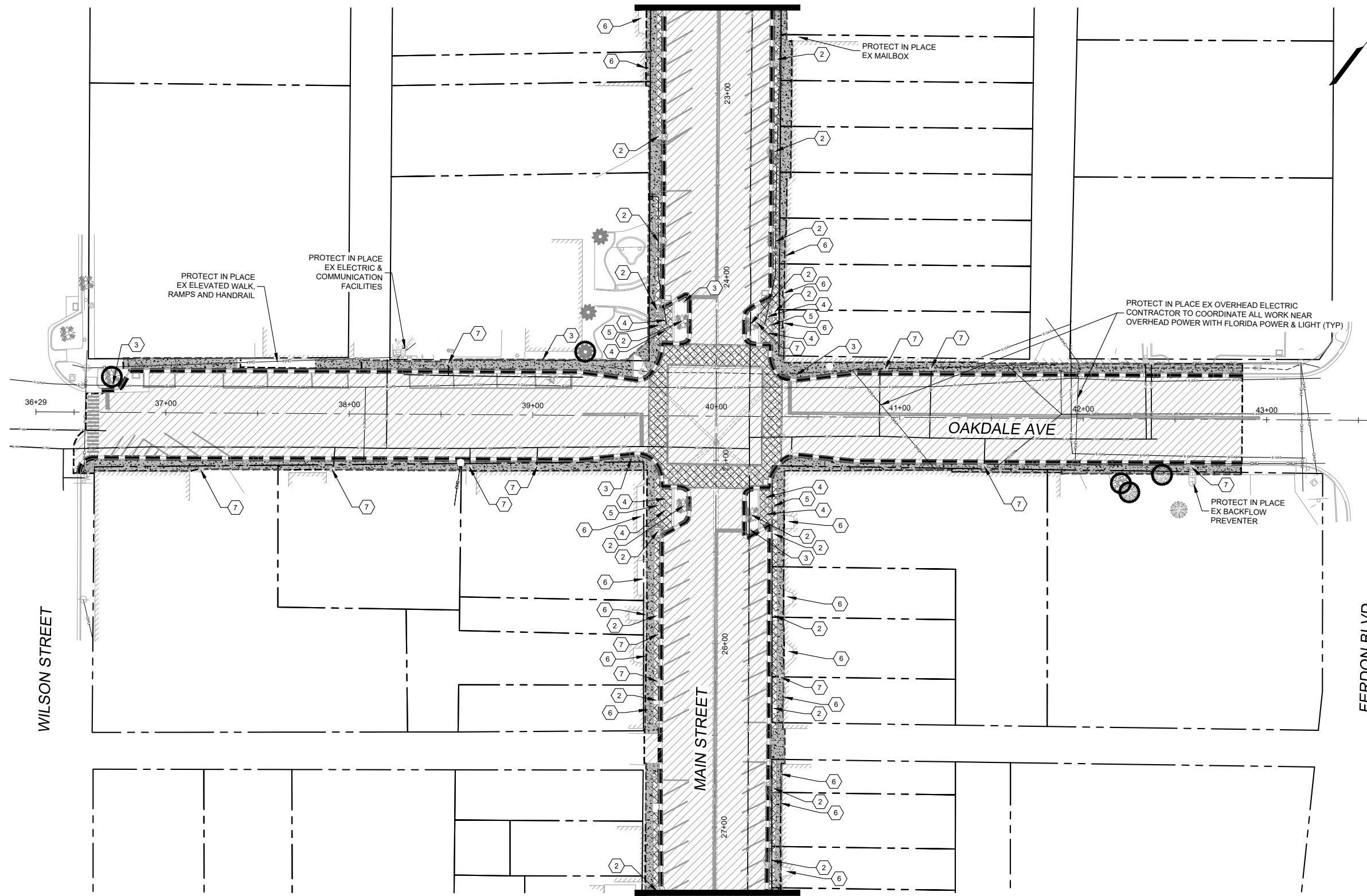


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SEE SHEET RM02

SEE SHEET RM04



**NOTES:**

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2. FOR WET AND DRY UTILITY INFORMATION, SEE UTILITY ADJUSTMENT AND LIGHTING PLANS, SHEETS UT01-04.
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5. CONTRACTOR TO PROTECT ALL BUILDINGS.
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9. CONTRACTOR TO PROTECT ALL ELECTRIC FACILITIES IN PLACE INCLUDING POWER POLES.

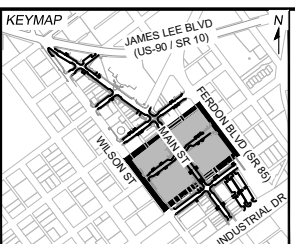
**REMOVAL AND RESET LEGEND**

- PROPOSED SAW CUT LINE
- -- -- -- -- REMOVE (ITEM AS NOTED)
- ▨ 2-INCH MIN. MILL & OVERLAY ASPHALT MAT
- ▩ REMOVAL OF CONCRETE PAVERS (SEE PROJECT SPECIFIC NOTE 14 ON SHEET GN01)
- REMOVAL OF CONCRETE
- PROTECT IN PLACE EX TREE
- ① EX CONC CHASE DRAIN AND COVER PLATE TO BE REMOVED
- ② EX TREE, BUSH AND TREE WELL TO BE REMOVED
- ③ EX STREET SIGN TO BE RESET
- ④ EX BENCH TO BE REMOVED
- ⑤ EX TRASH RECEPTACLE TO BE REMOVED
- ⑥ PROTECT IN PLACE EX BUSINESS ENTRANCE STEP
- ⑦ PROTECT IN PLACE EX WATER METER
- ⑧ EX JUNCTION BOX TO BE REMOVED

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
1165-P-Roads				
X-MDG22x34-TEP				
210713 CVIEW EX-Survey				
1165-P-U/I				
Woodruff Parking_EX-Survey_MDG-Copy				

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PLOT DATE:	SEPTEMBER 2023
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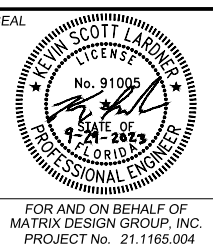


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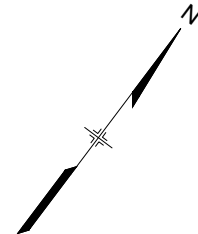
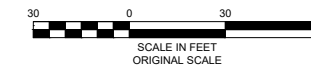
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**ROADWAY REMOVAL & RESET PLAN 03**

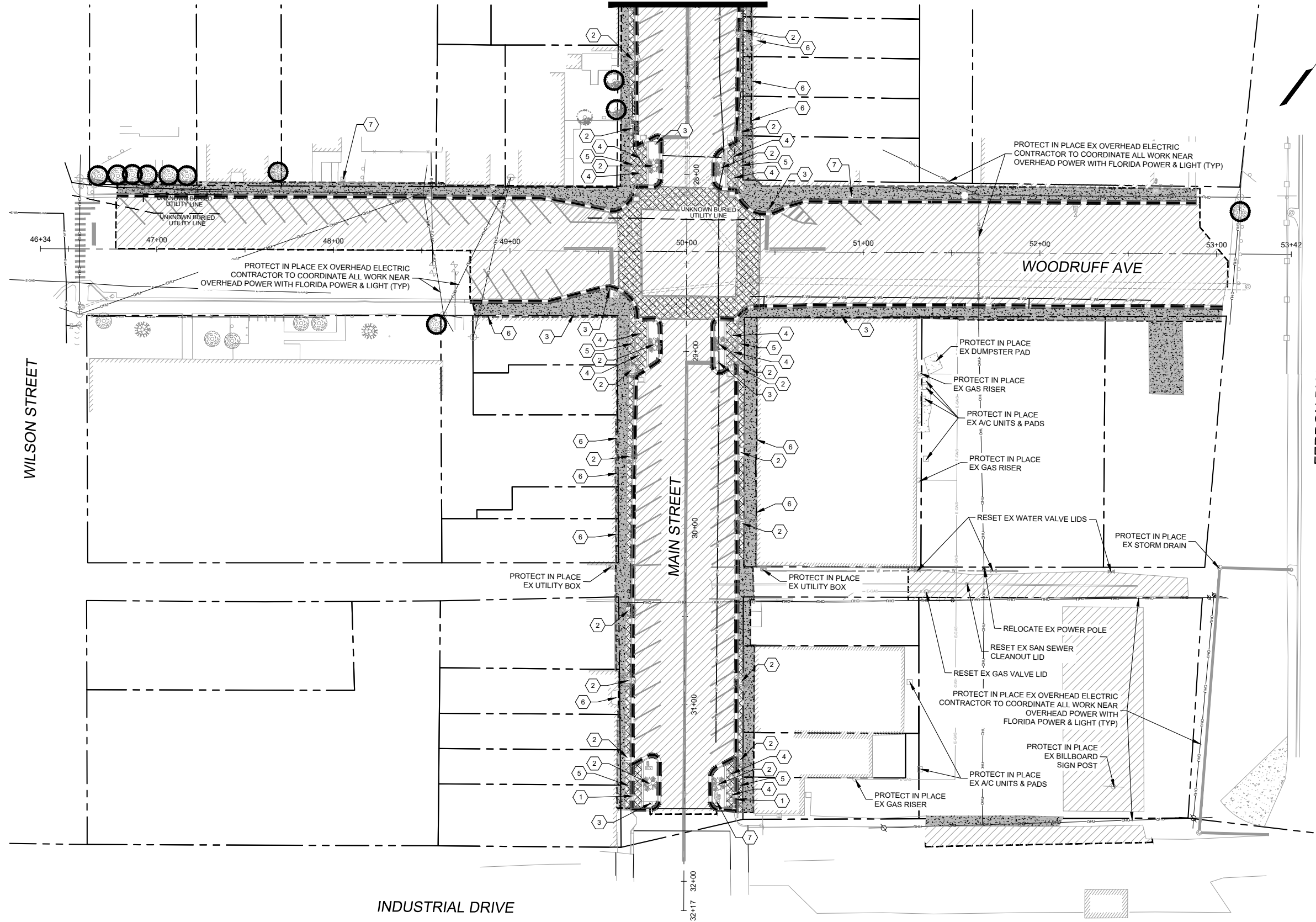
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DRAWN BY:	ACR	HORIZ:	1" = 30'		
CHECKED BY:	KSL	VERT:	N/A	SHEET	12 OF 99
					<b>RM03</b>



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SEE SHEET RM03



**NOTES:**

1. ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
2. FOR WET AND DRY UTILITY INFORMATION, SEE UTILITY ADJUSTMENT AND LIGHTING PLANS, SHEETS UT01-04.
3. CONTRACTOR TO PROTECT ALL IMPROVEMENTS OUTSIDE OF THE LIMITS OF WORK.
4. CONTRACTOR TO MAINTAIN ACCESS TO BUSINESS DURING CONSTRUCTION.
5. CONTRACTOR TO PROTECT ALL BUILDINGS.
6. CONTRACTOR TO PROTECT DRAINAGE STRUCTURES IN PLACE TO ALLOW FOR PROPER DRAINAGE UNTIL NEW DRAINAGE FACILITIES ARE CONSTRUCTED.
7. CONTRACTOR TO REMOVE, PROTECT, AND STORE ALL PEDESTRIAN LIGHTING (SEE LIGHTING PLAN)
8. ALL WORK WITHIN FDOT ROW TO BE COORDINATED WITH FDOT (NEED CONTACT INFO).
9. CONTRACTOR TO PROTECT ALL ELECTRIC FACILITIES IN PLACE INCLUDING POWER POLES.

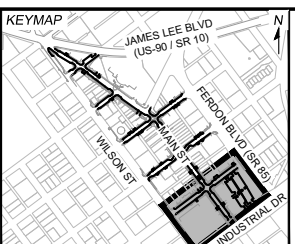
**REMOVAL AND RESET LEGEND**

- PROPOSED SAW CUT LINE
- REMOVAL OF CURB & GUTTER
- - - - - REMOVE (ITEM AS NOTED)
- [Hatched Box] 2-INCH MIN. MILL & OVERLAY ASPHALT MAT
- [Cross-hatched Box] REMOVAL OF CONCRETE PAVERS (SEE PROJECT SPECIFIC NOTE 14 ON SHEET GN01)
- [Stippled Box] REMOVAL OF CONCRETE
- [Circle] PROTECT IN PLACE EX TREE
- [Hexagon 1] EX CONC CHASE DRAIN AND COVER PLATE TO BE REMOVED
- [Hexagon 2] EX TREE, BUSH AND TREE WELL TO BE REMOVED
- [Hexagon 3] EX STREET SIGN TO BE RESET
- [Hexagon 4] EX BENCH TO BE REMOVED
- [Hexagon 5] EX TRASH RECEPTACLE TO BE REMOVED
- [Hexagon 6] PROTECT IN PLACE EX BUSINESS ENTRANCE STEP
- [Hexagon 7] PROTECT IN PLACE EX WATER METER
- [Hexagon 8] EX JUNCTION BOX TO BE REMOVED

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
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X-MDG22x34-TEP				
210713 CVIEW EX-Survey				
1165-P-Util				
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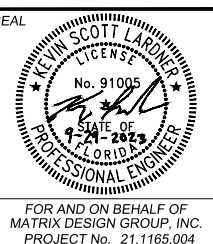


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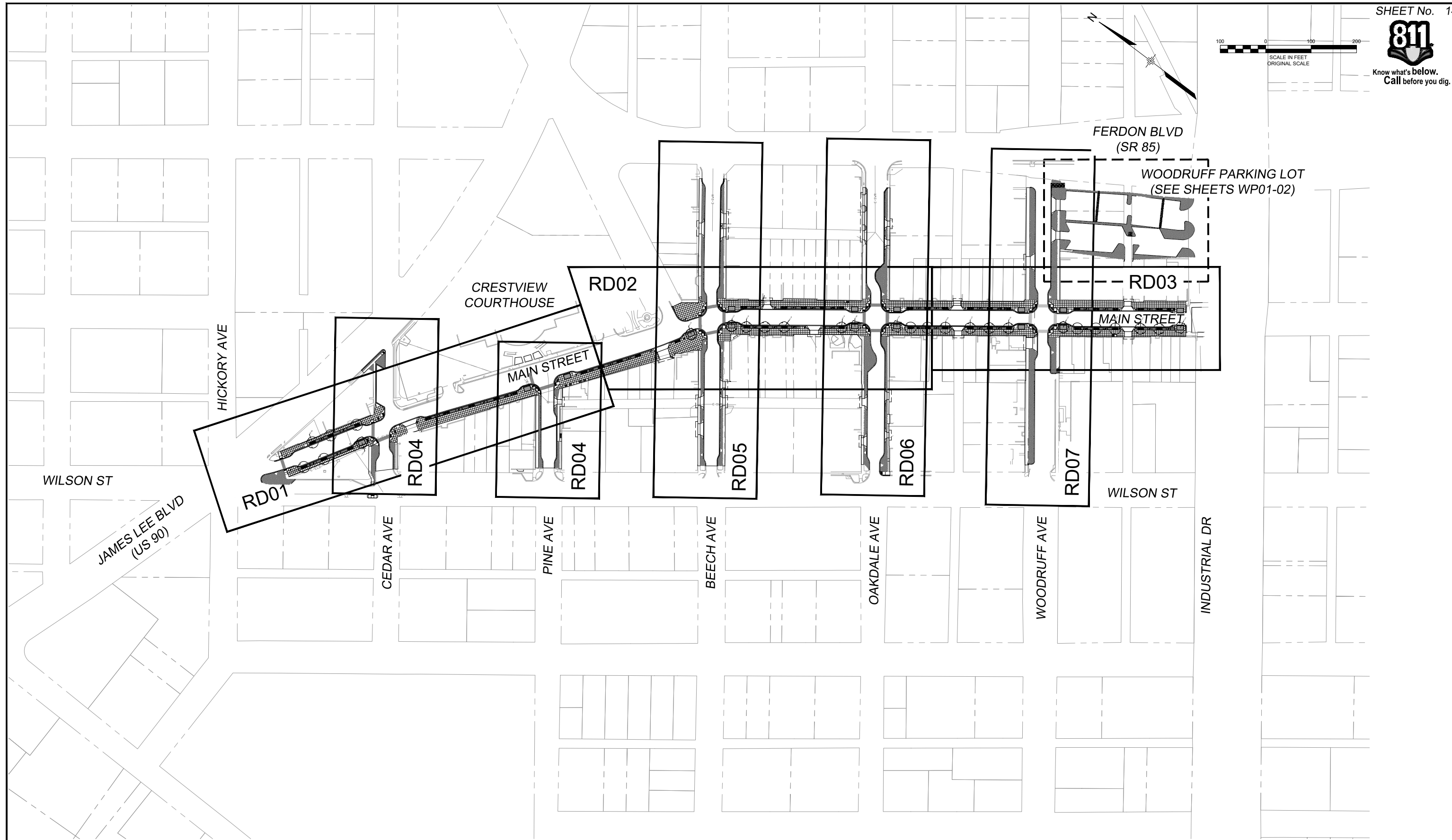
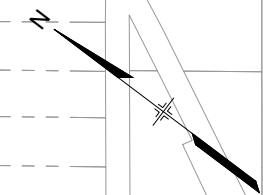
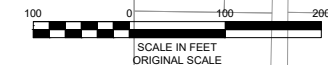
**MAIN STREET IMPROVEMENTS**  
 CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

**ROADWAY REMOVAL & RESET PLAN 04**

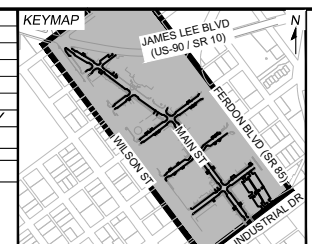
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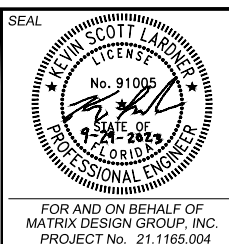


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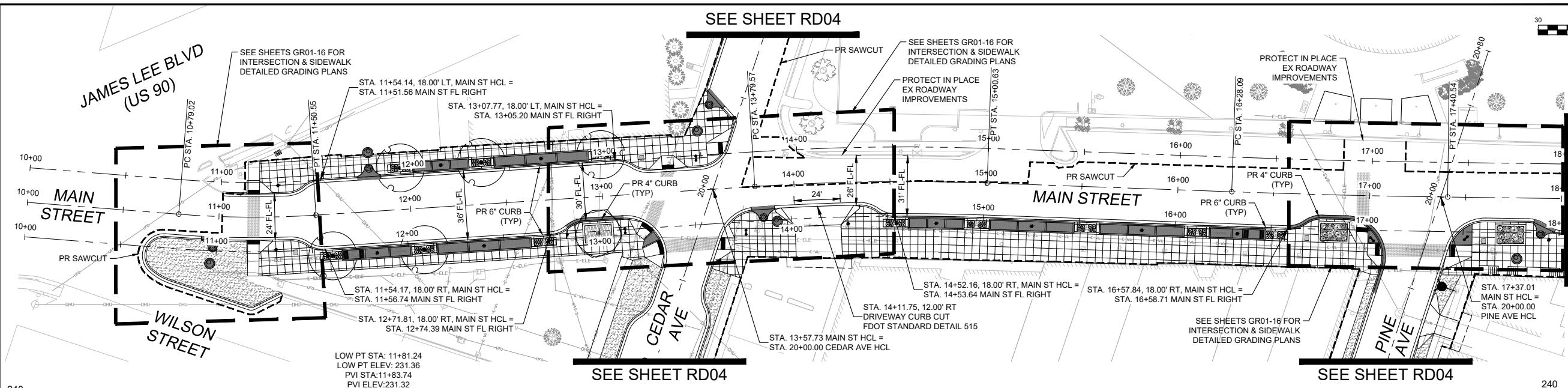
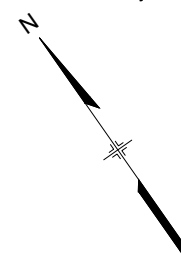
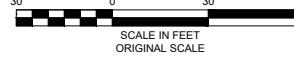
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ENGINEERING PLANS

**ROADWAY PLAN & PROFILE INDEX SHEET**

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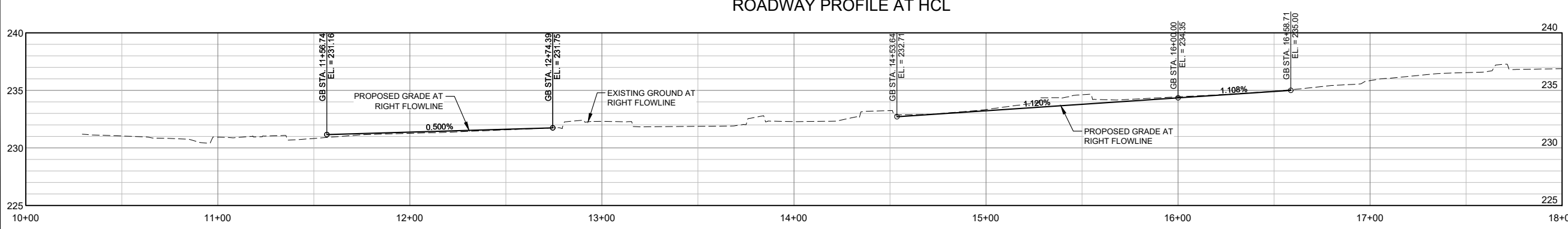
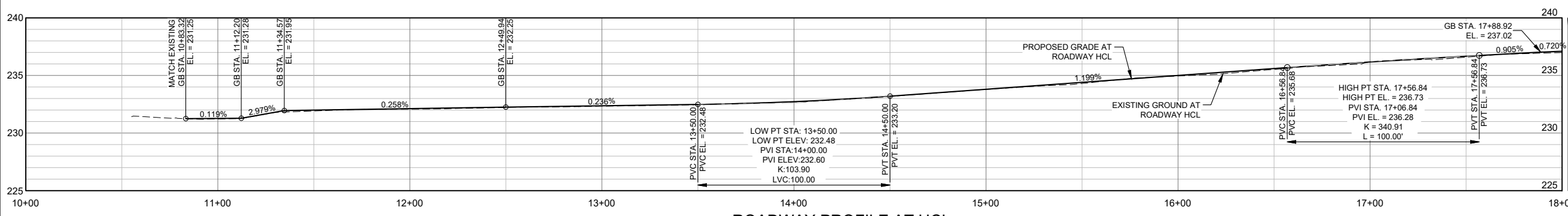
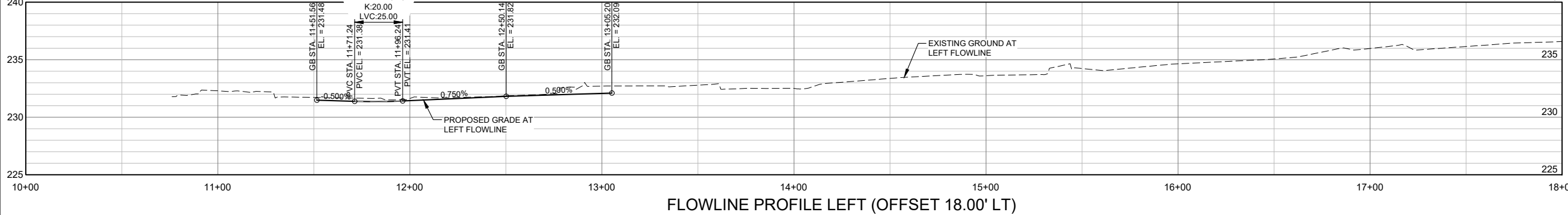


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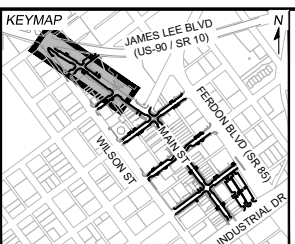
MATCHLINE STA. 18+00  
SEE SHEET RD02

- NOTES:**
- SEE ROADWAY DETAIL PLANS FOR ADDITIONAL CONSTRUCTION INFORMATION.
  - SEE UTILITY PLANS FOR ADDITIONAL INFORMATION ON UTILITY IMPROVEMENTS.
  - SEE LANDSCAPE AND IRRIGATION PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
  - SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
  - SEE LIGHTING PLAN FOR ADDITIONAL DETAILS ON LIGHTING.
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  - SEE DETAILED GRADING PLANS FOR LIMITS OF 6-INCH AND 4-INCH CURB AND GUTTER.



MATCHLINE STA. 18+00  
SEE SHEET RD02

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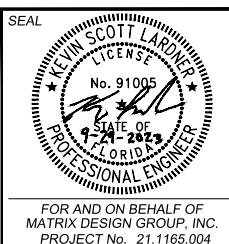


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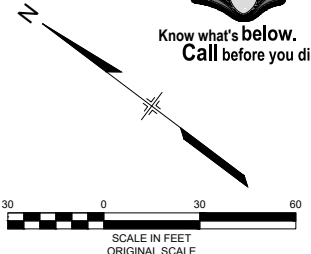
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**MAIN STREET PLAN & PROFILE 01**

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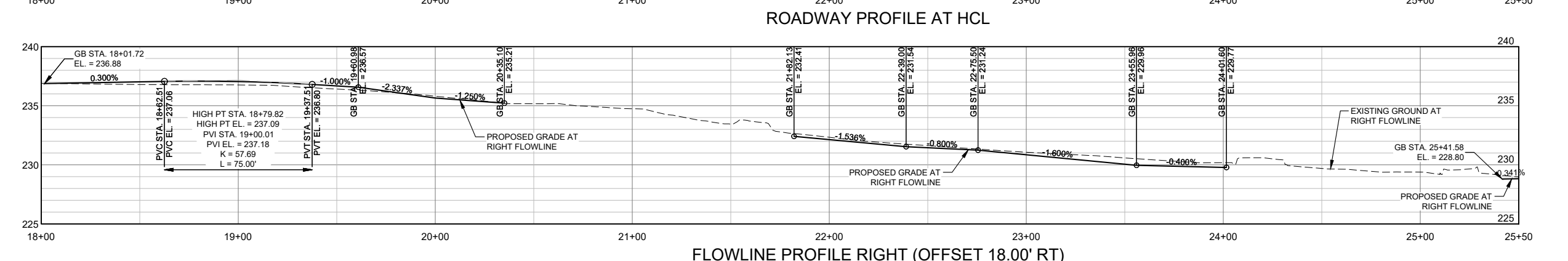
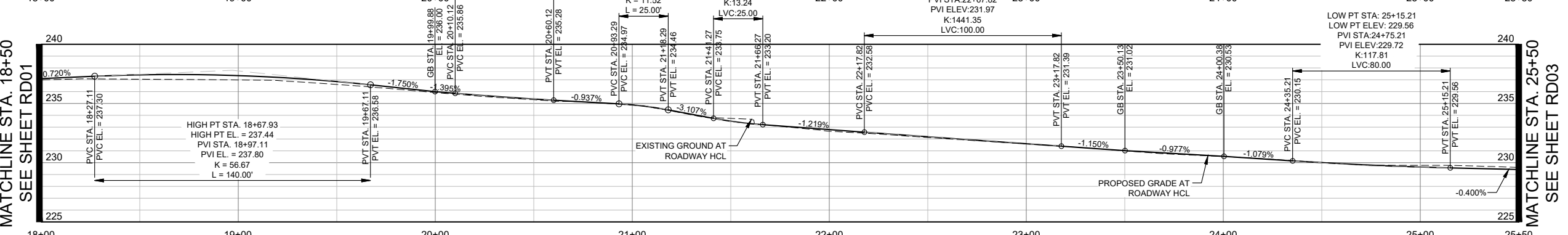
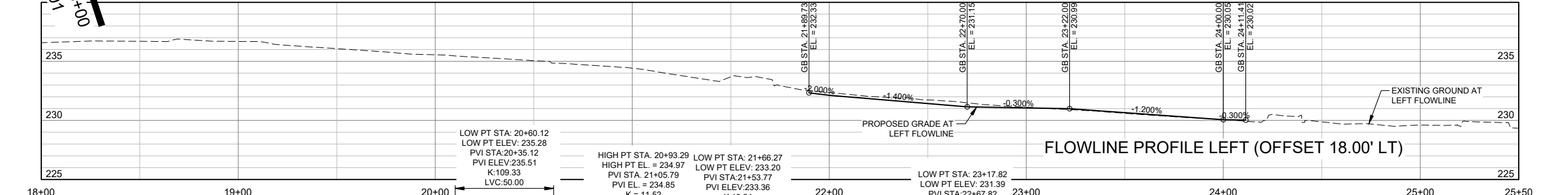
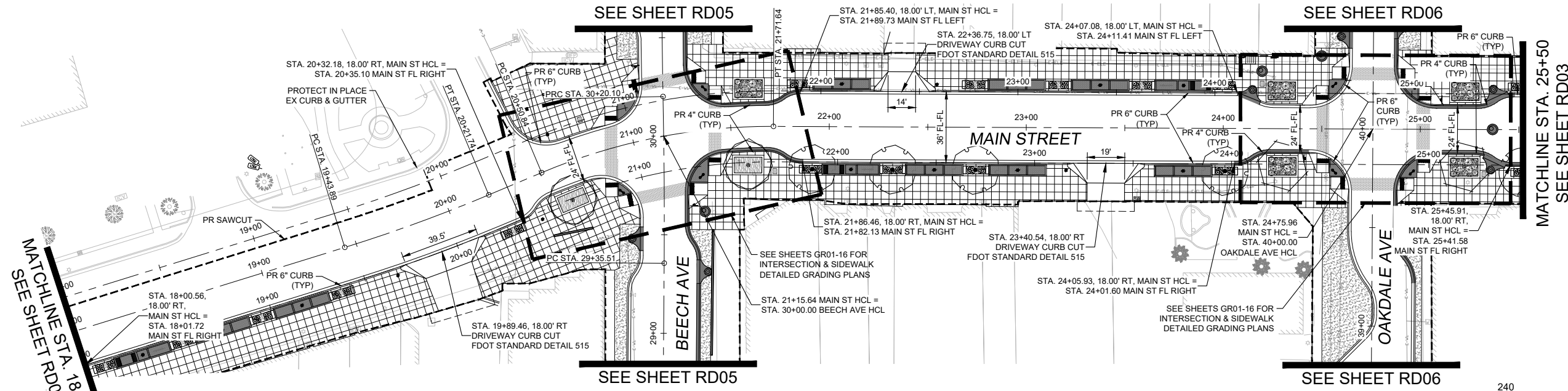


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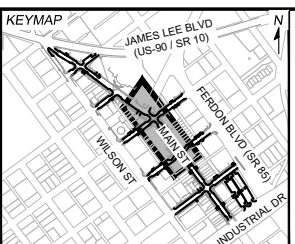
- SEE ROADWAY DETAIL PLANS FOR ADDITIONAL CONSTRUCTION INFORMATION.
- SEE UTILITY PLANS FOR ADDITIONAL INFORMATION ON UTILITY IMPROVEMENTS.
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- SEE LIGHTING PLAN FOR ADDITIONAL DETAILS ON LIGHTING.
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- SEE DETAILED GRADING PLANS FOR LIMITS OF 6-INCH AND 4-INCH CURB AND GUTTER.



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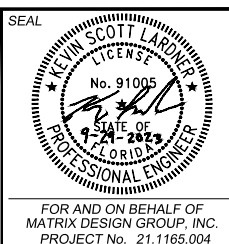
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**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

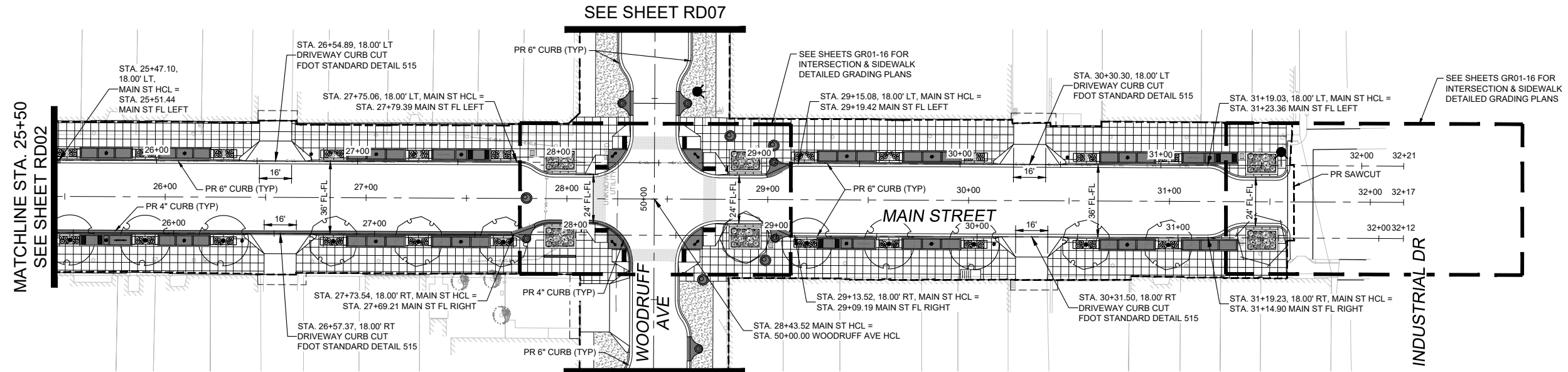
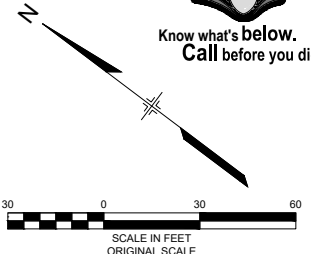
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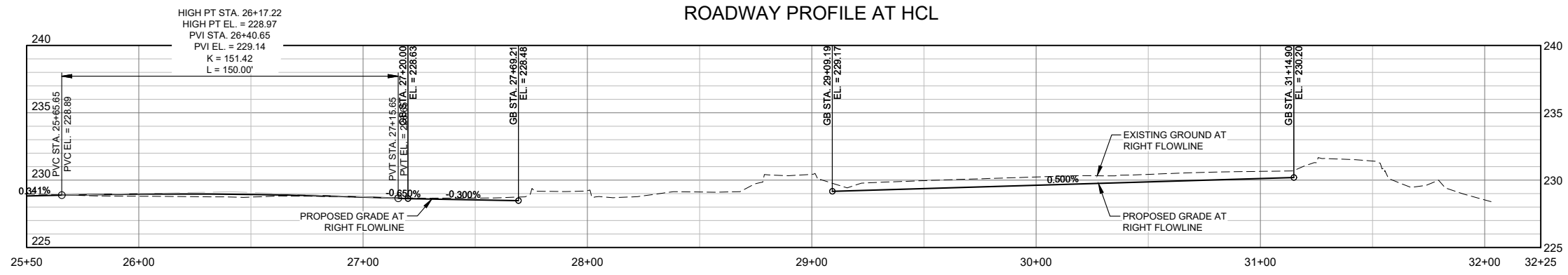
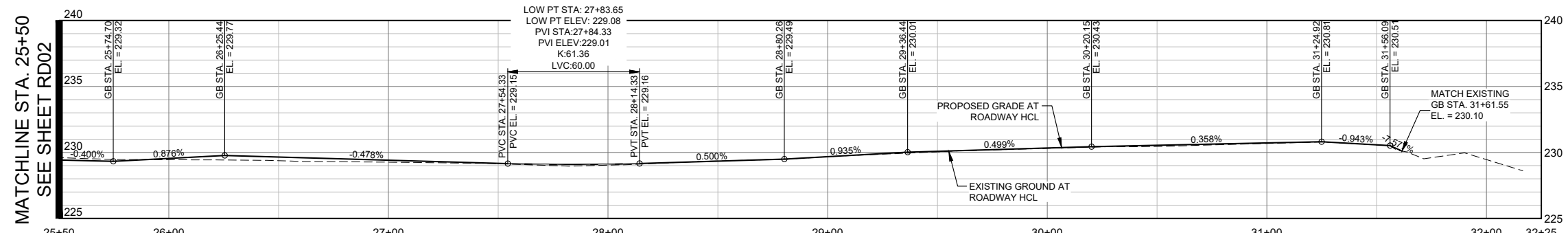
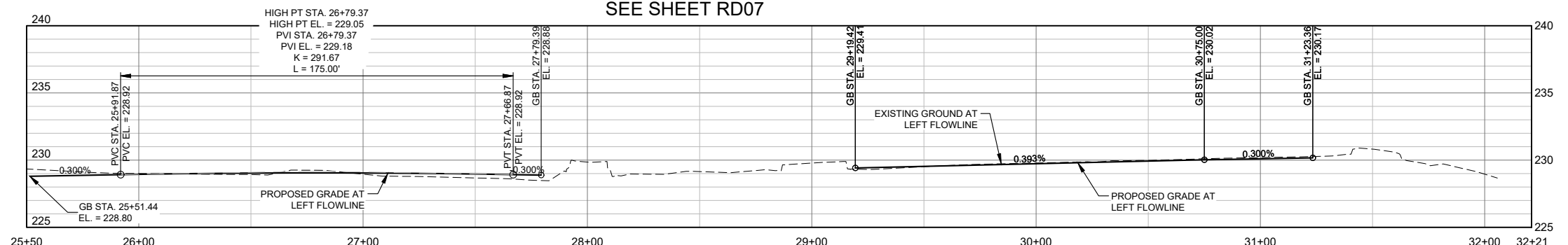




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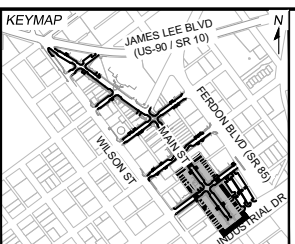
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  - SEE UTILITY PLANS FOR ADDITIONAL INFORMATION ON UTILITY IMPROVEMENTS.
  - SEE LANDSCAPE AND IRRIGATION PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
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  - SEE DETAILED GRADING PLANS FOR LIMITS OF 6-INCH AND 4-INCH CURB AND GUTTER.



**REFERENCE DRAWINGS**

1165-P-Roads
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LA-BASE-PLANTING

No.	DATE	DESCRIPTION	BY
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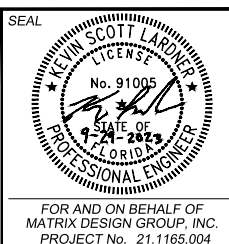


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**MAIN STREET IMPROVEMENTS**

CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
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**MAIN STREET PLAN & PROFILE 03**

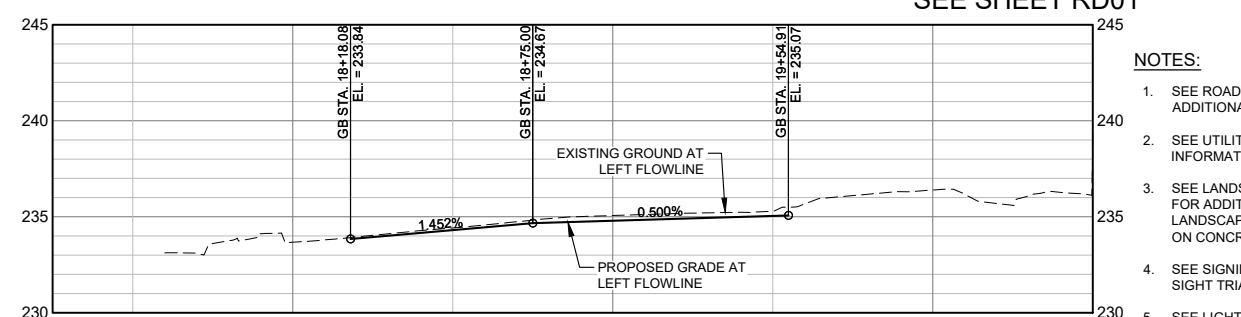
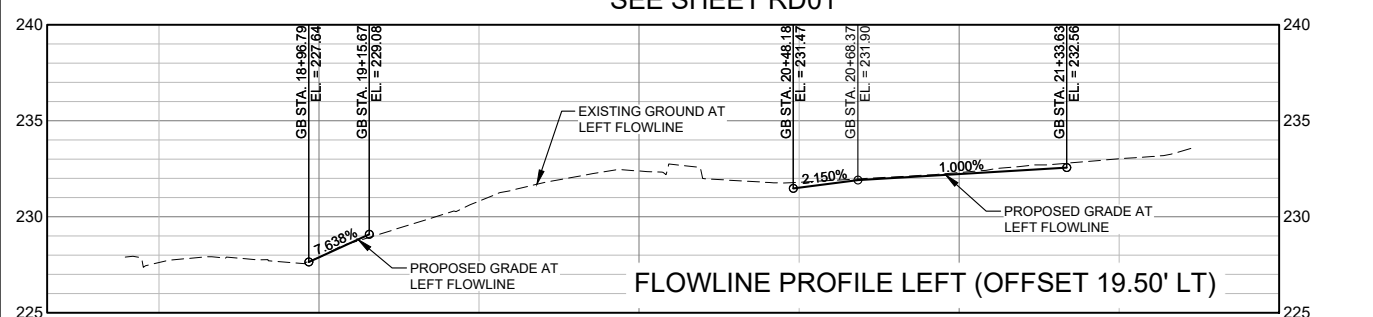
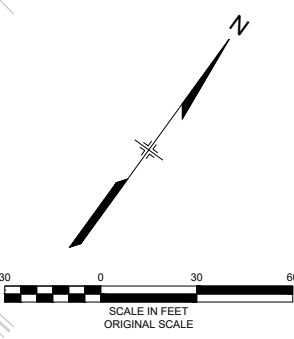
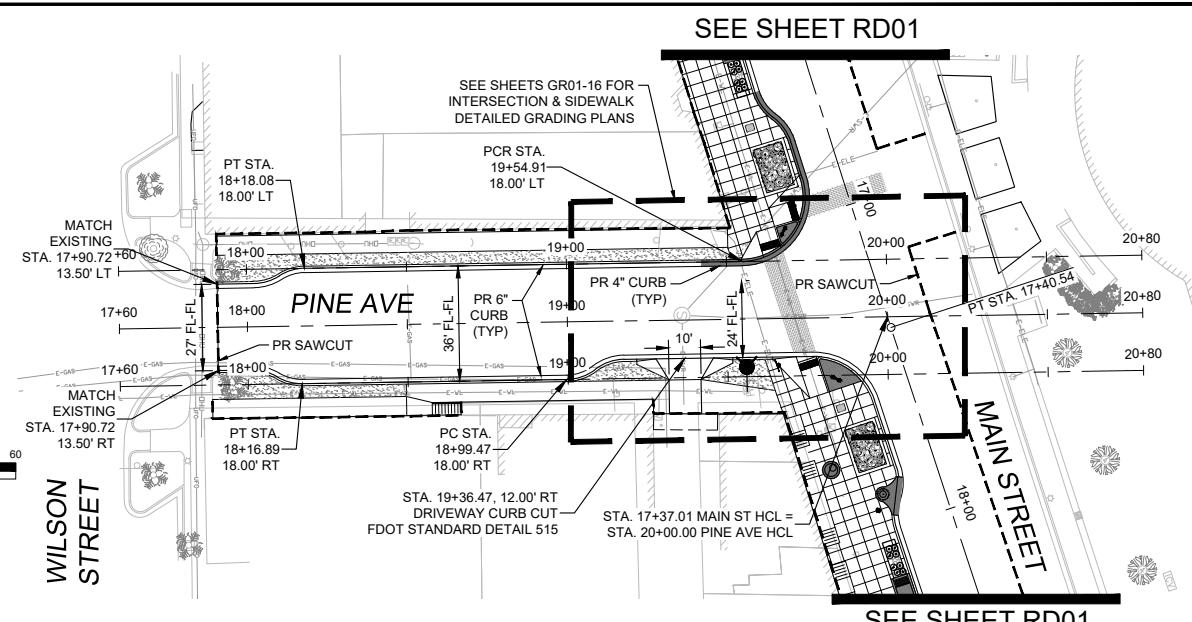
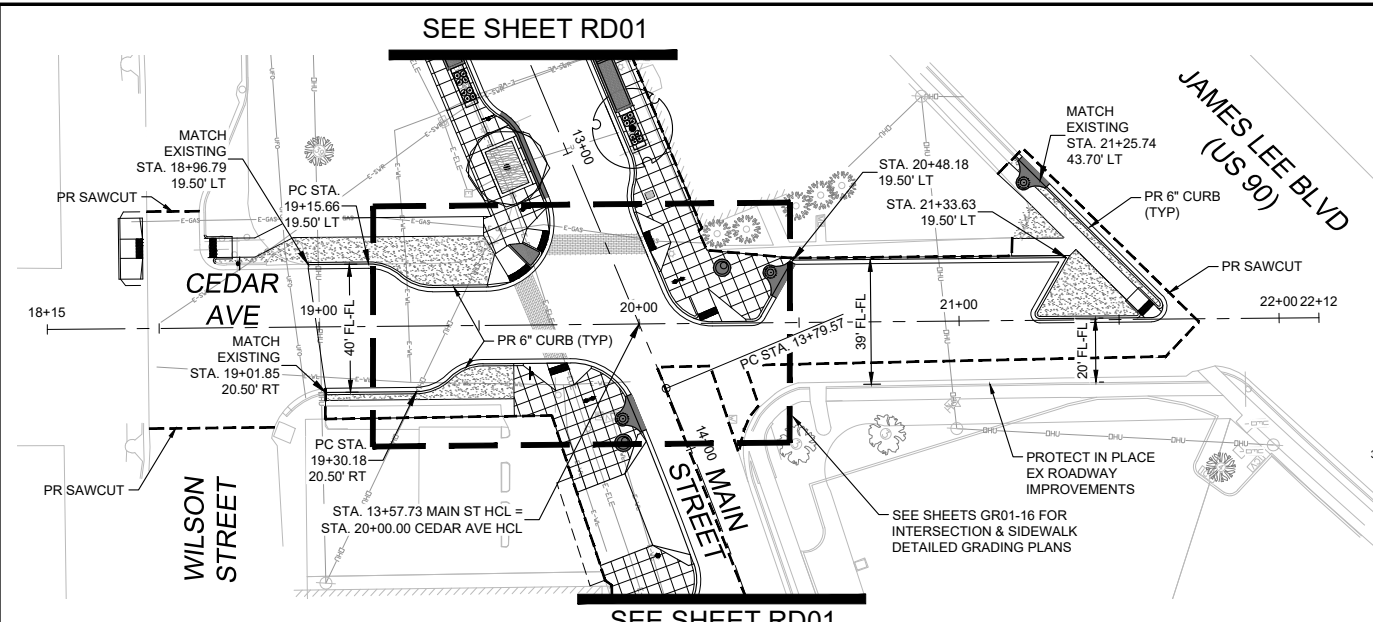
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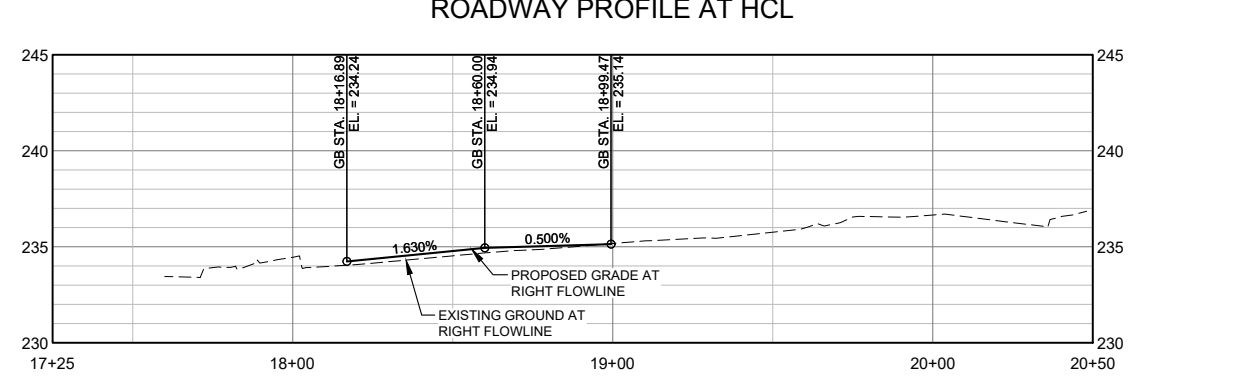
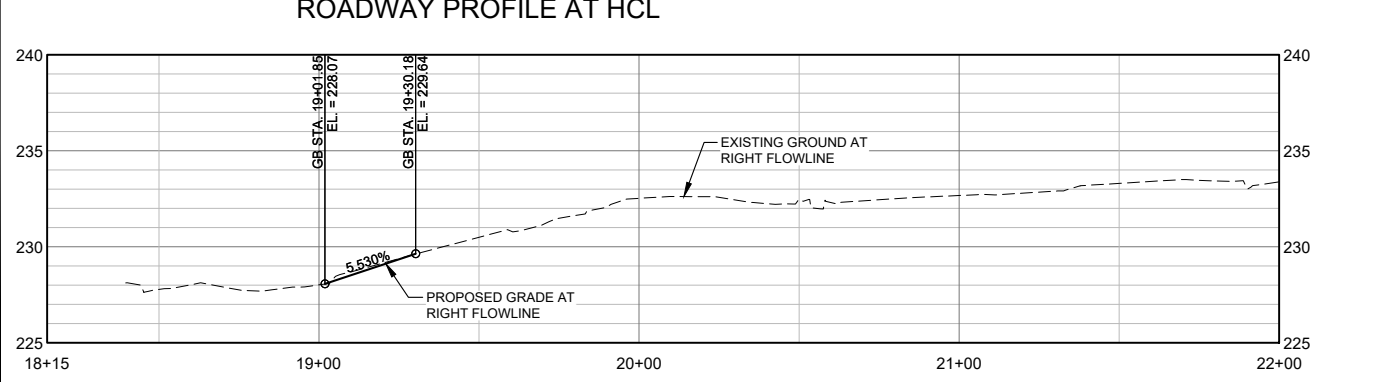
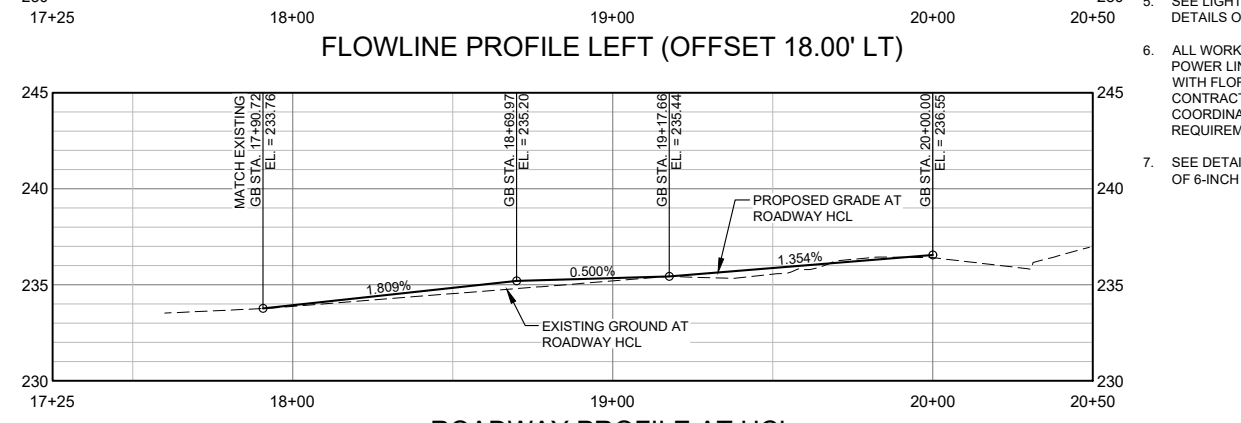
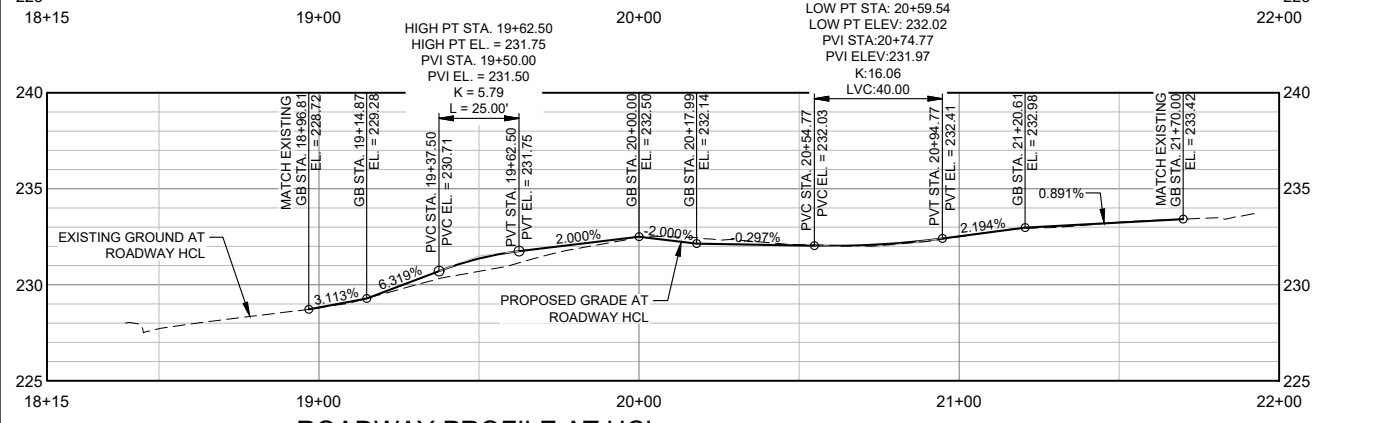
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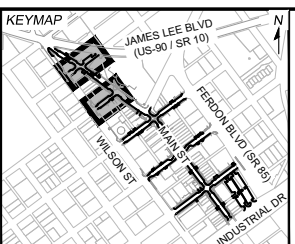
- NOTES:**
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REVISIONS			

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KEVIN SCOTT LARDNER  
No. 91005  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004

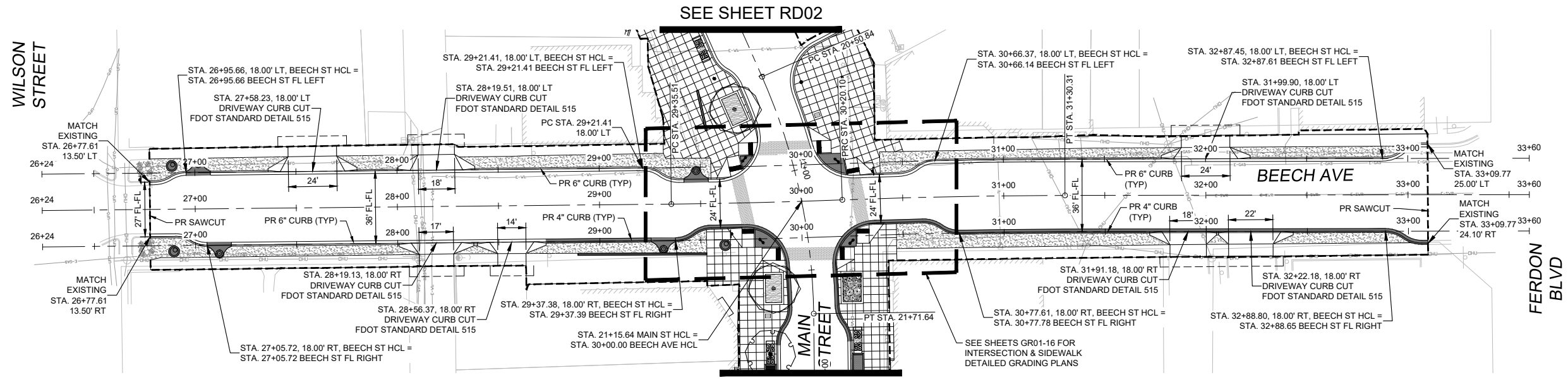
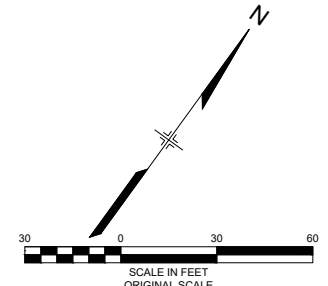
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**CEDAR AVE & PINE AVE PLAN & PROFILE**

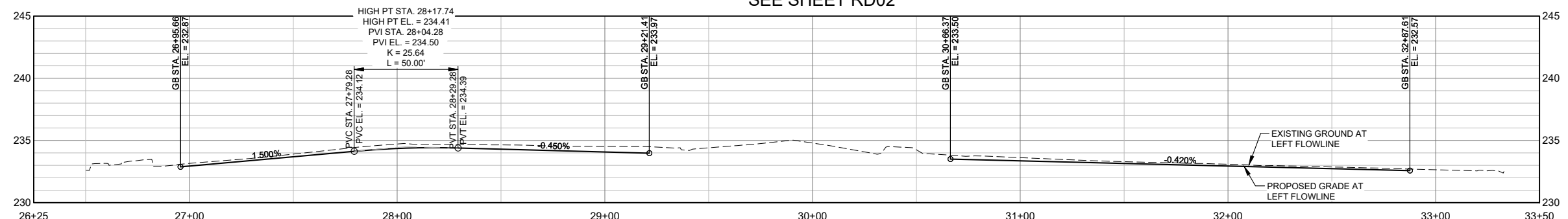
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CHECKED BY:	KSL	HORIZ. 1" = 30'	SHEET	18 OF 99	RD04
		VERT. 1" = 5'			



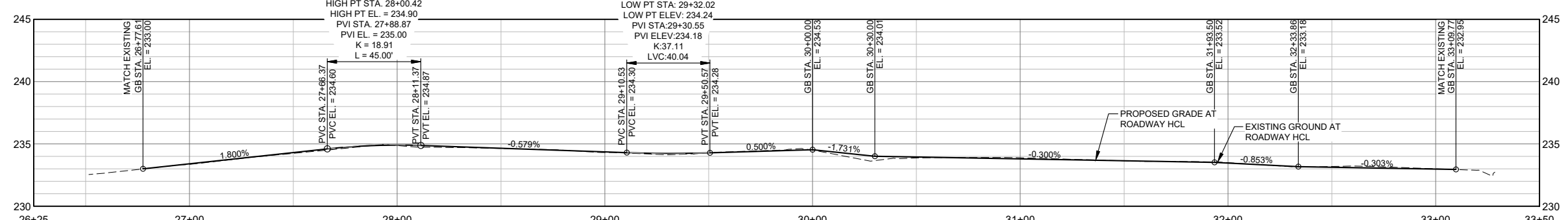
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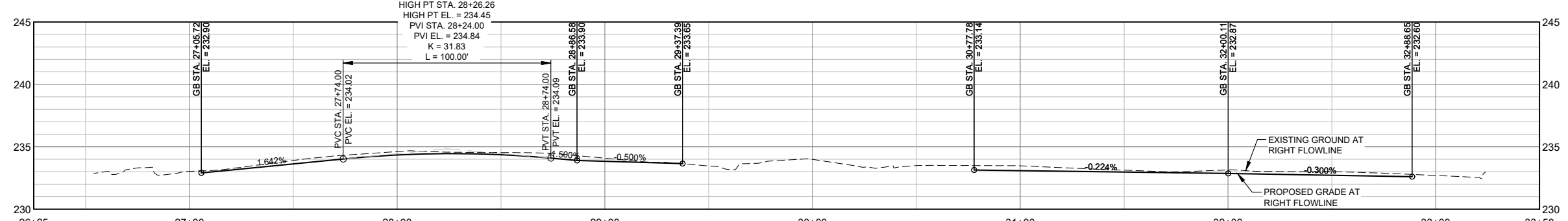
- NOTES:**
- SEE ROADWAY DETAIL PLANS FOR ADDITIONAL CONSTRUCTION INFORMATION.
  - SEE UTILITY PLANS FOR ADDITIONAL INFORMATION ON UTILITY IMPROVEMENTS.
  - SEE LANDSCAPE AND IRRIGATION PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
  - SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
  - SEE LIGHTING PLAN FOR ADDITIONAL DETAILS ON LIGHTING.
  - ALL WORK NEAR EXISTING OVERHEAD POWER LINES SHALL BE COORDINATED WITH FLORIDA POWER & LIGHT. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION AND MEETING ALL SAFETY REQUIREMENTS.
  - SEE DETAILED GRADING PLANS FOR LIMITS OF 6-INCH AND 4-INCH CURB AND GUTTER.



FLOWLINE PROFILE LEFT (OFFSET 18.00' LT)

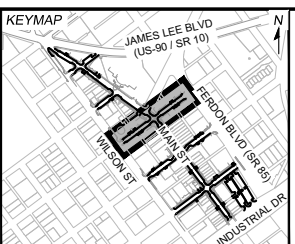


ROADWAY PROFILE AT HCL



FLOWLINE PROFILE RIGHT (OFFSET 18.00' RT)

No.	DATE	DESCRIPTION	BY
REVISIONS			
COMPUTER FILE MANAGEMENT			
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TIP\RD01.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			

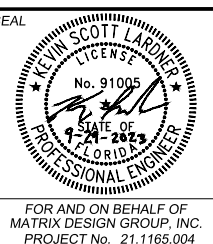


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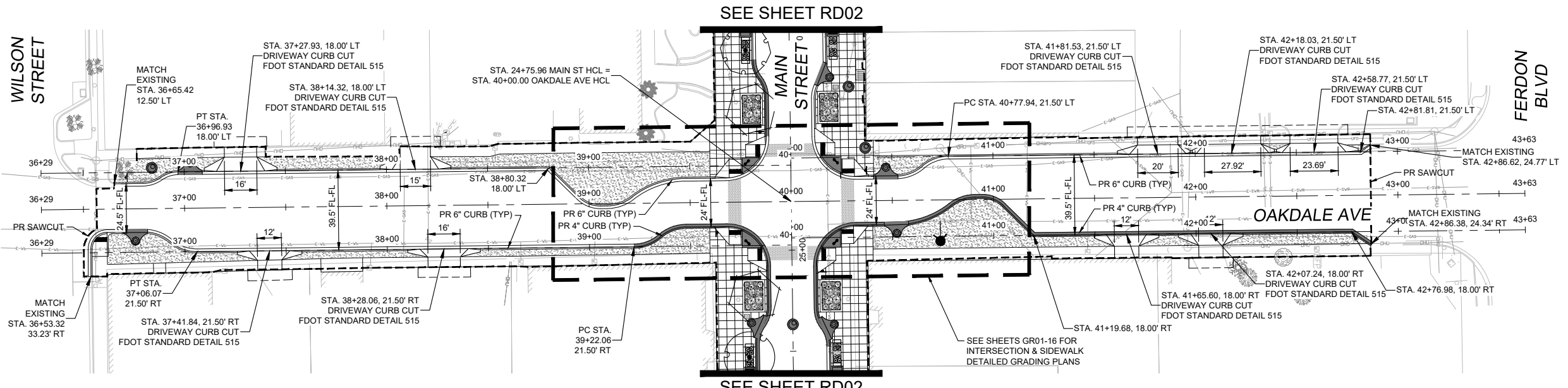
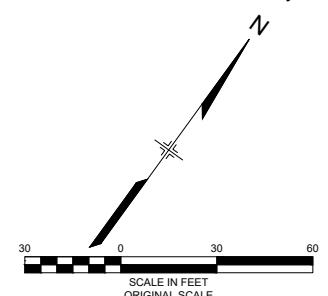
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**BEECH AVENUE PLAN & PROFILE**

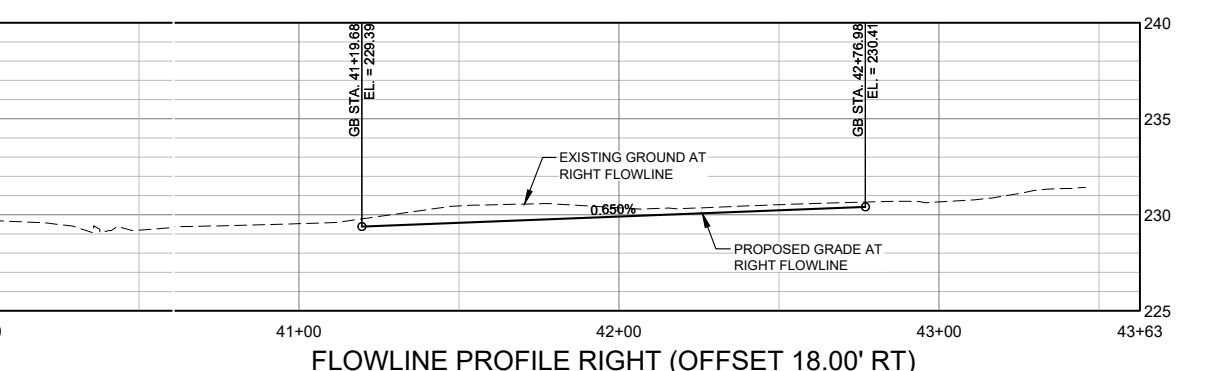
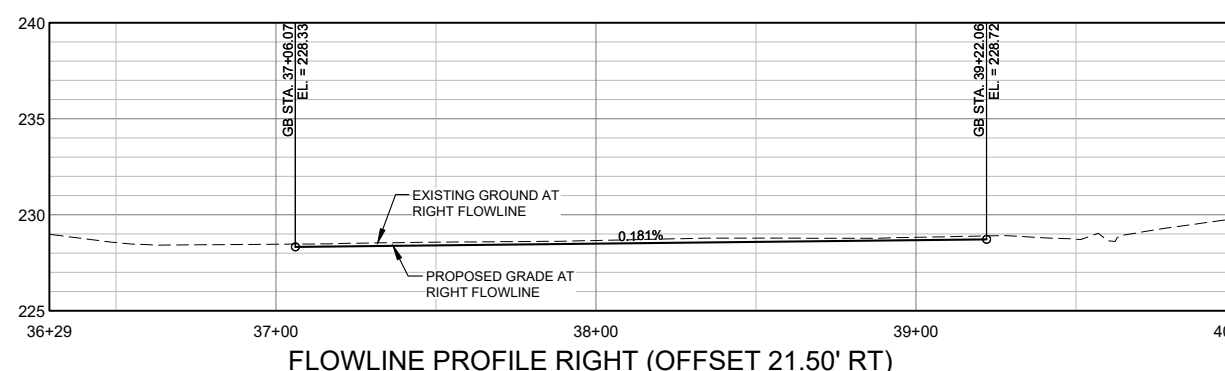
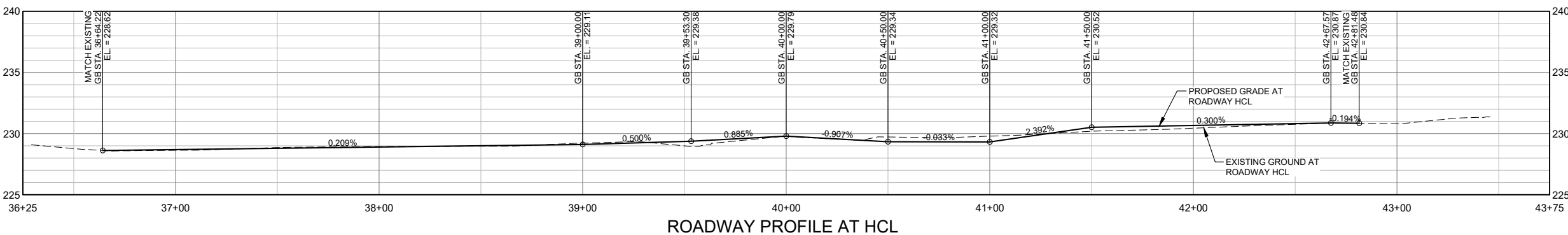
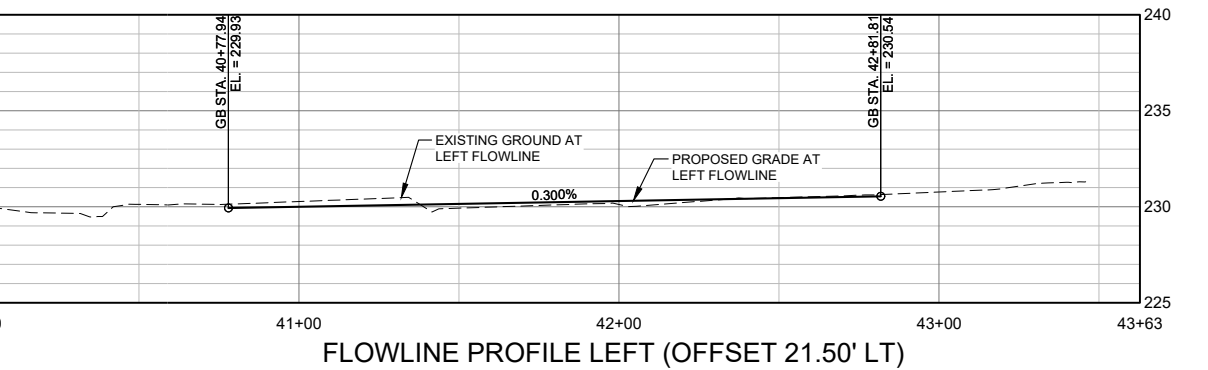
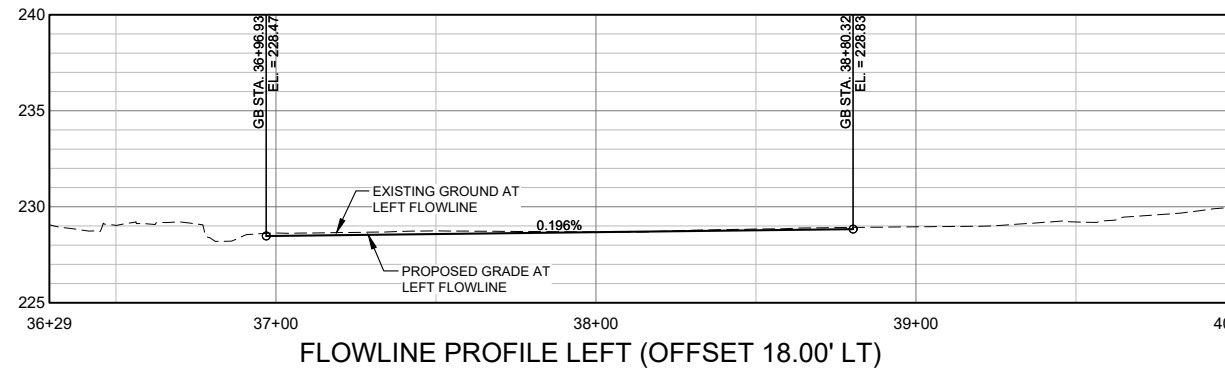
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DRAWN BY: ACR	HORIZ. 1" = 30'	SHEET 19 OF 99	
CHECKED BY: KSL	VERT. 1" = 5'		



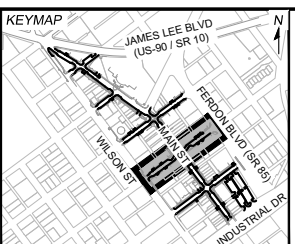
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- NOTES:**
- SEE ROADWAY DETAIL PLANS FOR ADDITIONAL CONSTRUCTION INFORMATION.
  - SEE UTILITY PLANS FOR ADDITIONAL INFORMATION ON UTILITY IMPROVEMENTS.
  - SEE LANDSCAPE AND IRRIGATION PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
  - SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
  - SEE LIGHTING PLAN FOR ADDITIONAL DETAILS ON LIGHTING.
  - ALL WORK NEAR EXISTING OVERHEAD POWER LINES SHALL BE COORDINATED WITH FLORIDA POWER & LIGHT. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION AND MEETING ALL SAFETY REQUIREMENTS.
  - SEE DETAILED GRADING PLANS FOR LIMITS OF 6-INCH AND 4-INCH CURB AND GUTTER.



No.	DATE	DESCRIPTION REVISIONS	BY
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FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\PIRD01.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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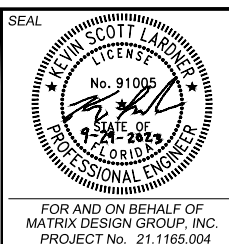


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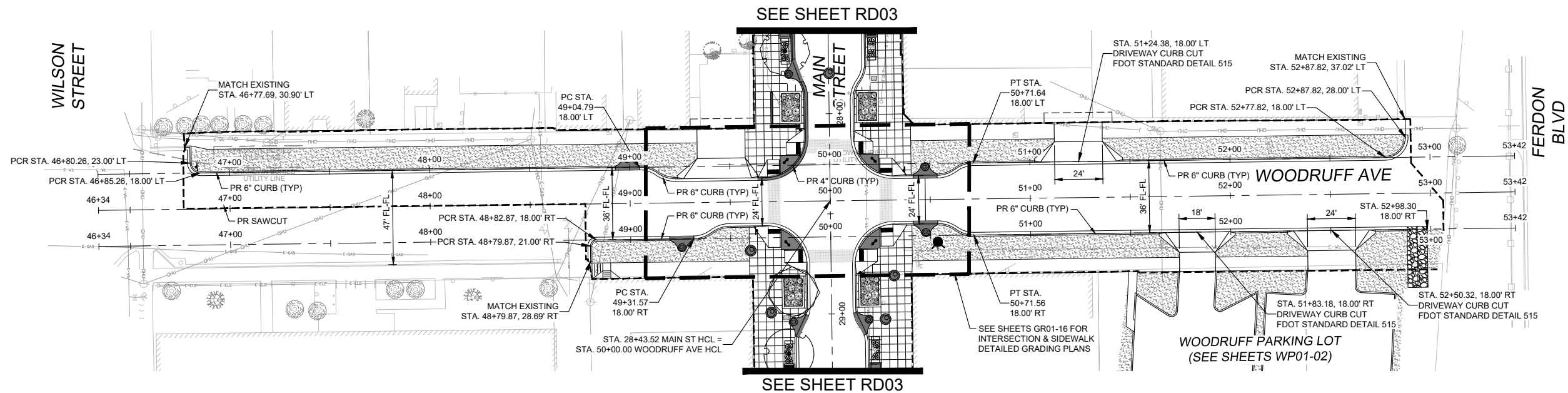
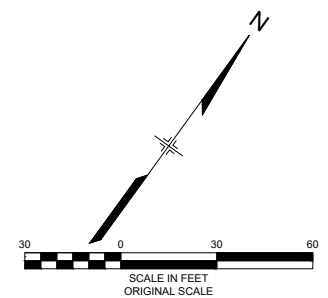
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**OAKDALE AVENUE PLAN & PROFILE**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. RD06
CHECKED BY: KSL	VERT. 1" = 5'	SHEET 20 OF 99	

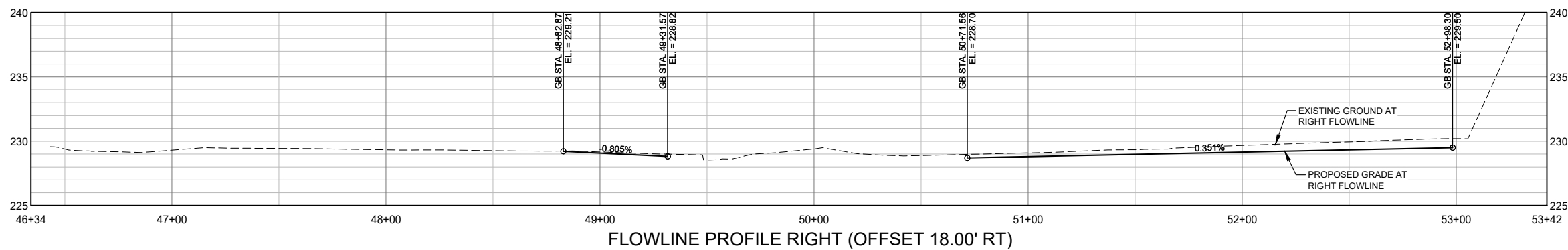
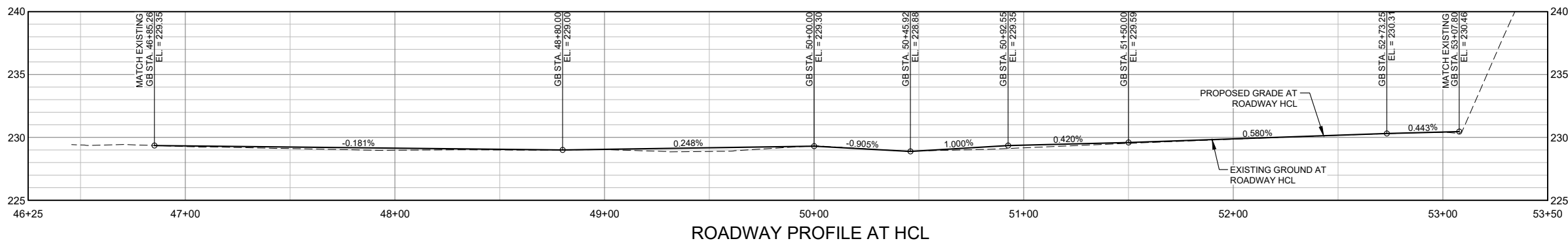
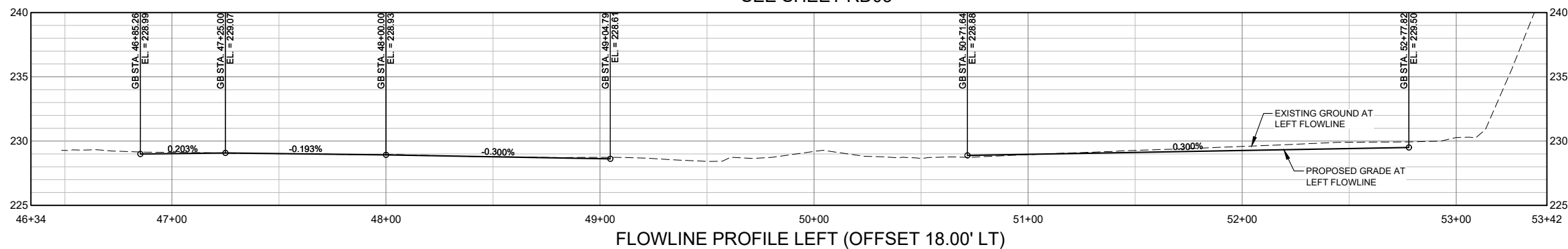


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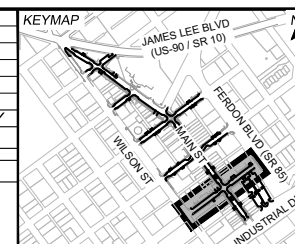


**NOTES:**

1. SEE ROADWAY DETAIL PLANS FOR ADDITIONAL CONSTRUCTION INFORMATION.
2. SEE UTILITY PLANS FOR ADDITIONAL INFORMATION ON UTILITY IMPROVEMENTS.
3. SEE LANDSCAPE AND IRRIGATION PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
4. SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
5. SEE LIGHTING PLAN FOR ADDITIONAL DETAILS ON LIGHTING.
6. ALL WORK NEAR EXISTING OVERHEAD POWER LINES SHALL BE COORDINATED WITH FLORIDA POWER & LIGHT. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION AND MEETING ALL SAFETY REQUIREMENTS.
7. SEE DETAILED GRADING PLANS FOR LIMITS OF 6-INCH AND 4-INCH CURB AND GUTTER.



No.	DATE	DESCRIPTION	BY
REVISIONS			
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FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\IPRD01.DWG			
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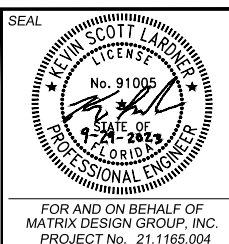


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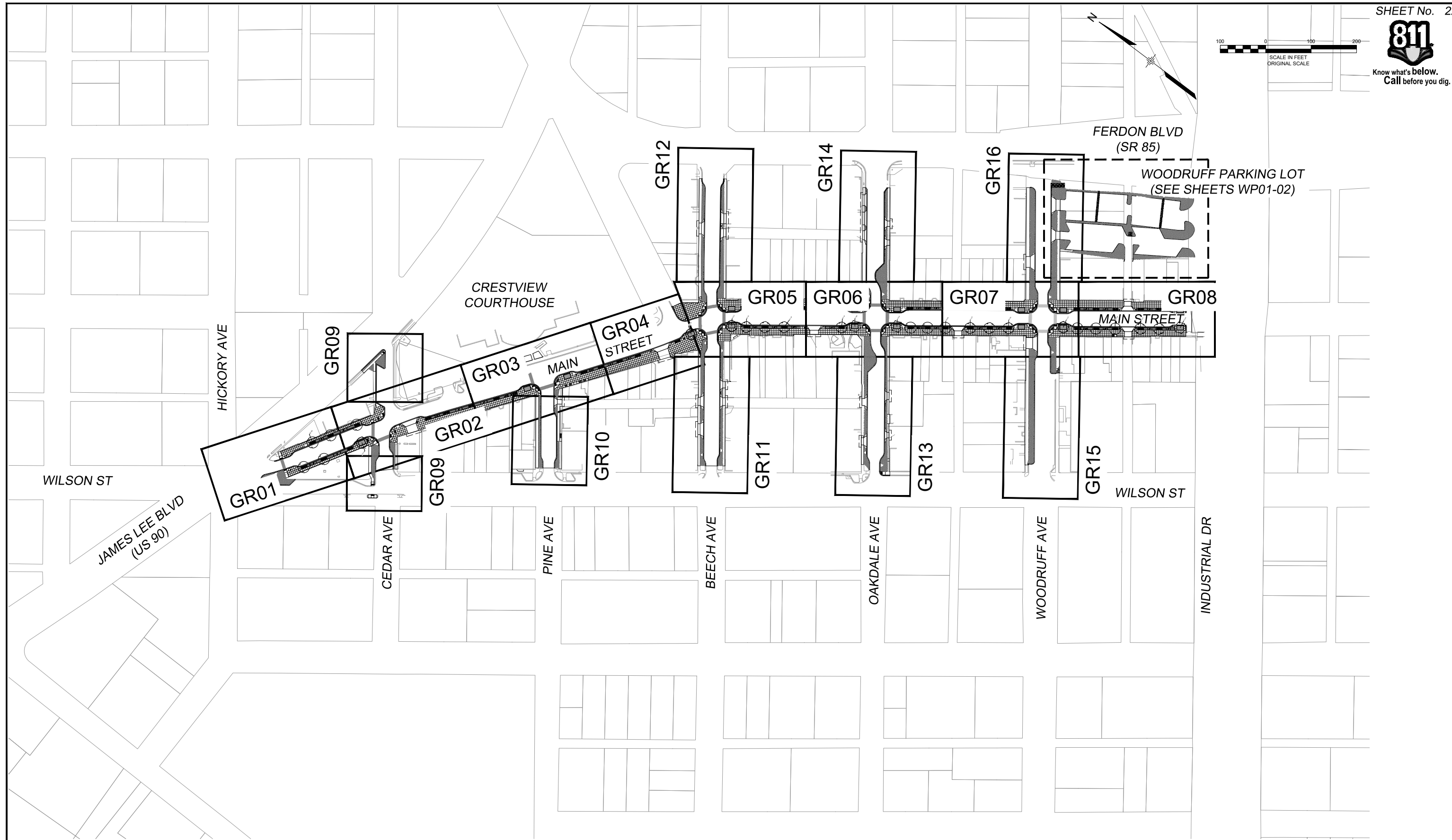
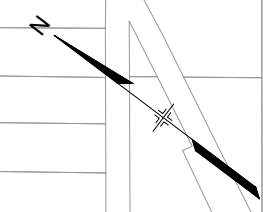
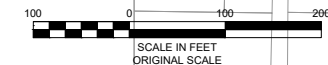
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**WOODRUFF AVENUE PLAN & PROFILE**

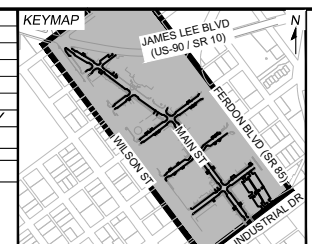
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CHECKED BY: KSL	VERT. 1" = 5'	SHEET 21 OF 99	



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REFERENCE DRAWINGS			
No.	DATE	DESCRIPTION	BY
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PLOT DATE: SEPTEMBER 2023			
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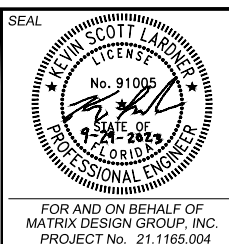


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**MAIN STREET IMPROVEMENTS**

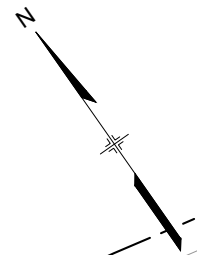
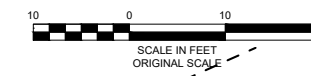
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**INTERSECTION & SIDEWALK  
DETAILED GRADING INDEX SHEET**

DESIGNED BY: ACR	SCALE: HORIZ. 1" = 100'	DATE ISSUED: SEPTEMBER 2023	DRAWING No.
CHECKED BY: KSL	VERT. N/A	SHEET 22 OF 99	GRX1



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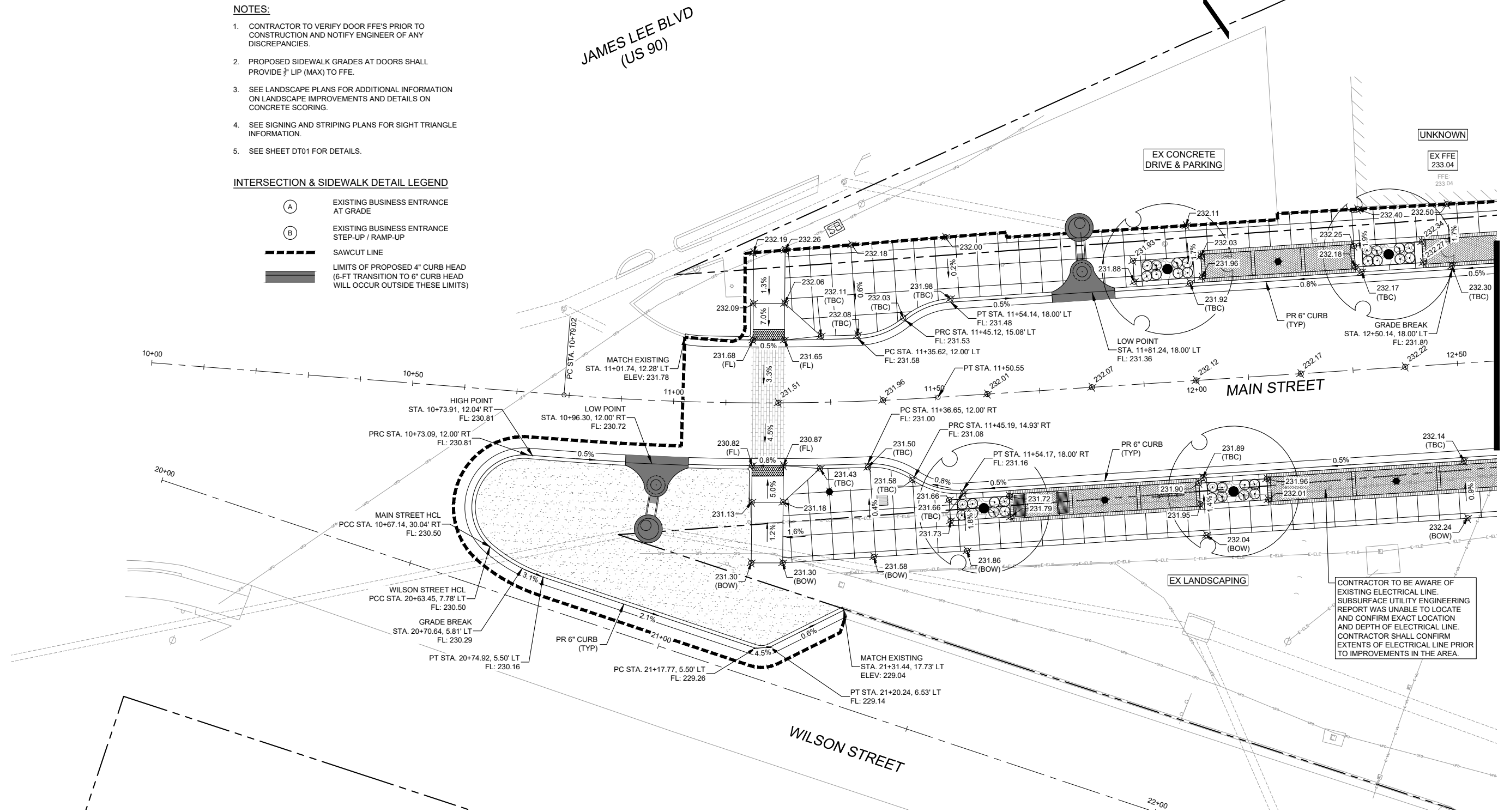


**NOTES:**

1. CONTRACTOR TO VERIFY DOOR FFE'S PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 1/4" LIP (MAX) TO FFE.
3. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
4. SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
5. SEE SHEET DT01 FOR DETAILS.

**INTERSECTION & SIDEWALK DETAIL LEGEND**

- (A) EXISTING BUSINESS ENTRANCE AT GRADE
- (B) EXISTING BUSINESS ENTRANCE STEP-UP / RAMP-UP
- SAWCUT LINE
- ▬ LIMITS OF PROPOSED 4" CURB HEAD (6-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)

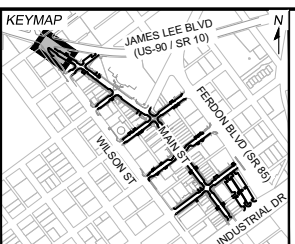


SEE SHEET GR02

No.	DATE	DESCRIPTION REVISIONS	BY

**COMPUTER FILE MANAGEMENT**

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 PLOT DATE: SEPTEMBER 2023  
 THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.

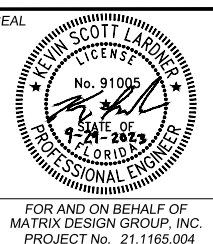


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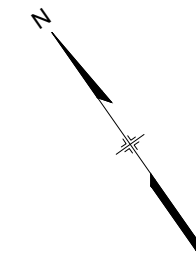
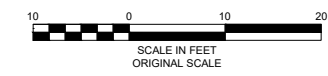
**MAIN STREET IMPROVEMENTS**  
 CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

**MAIN STREET DETAILED GRADING PLAN 01**

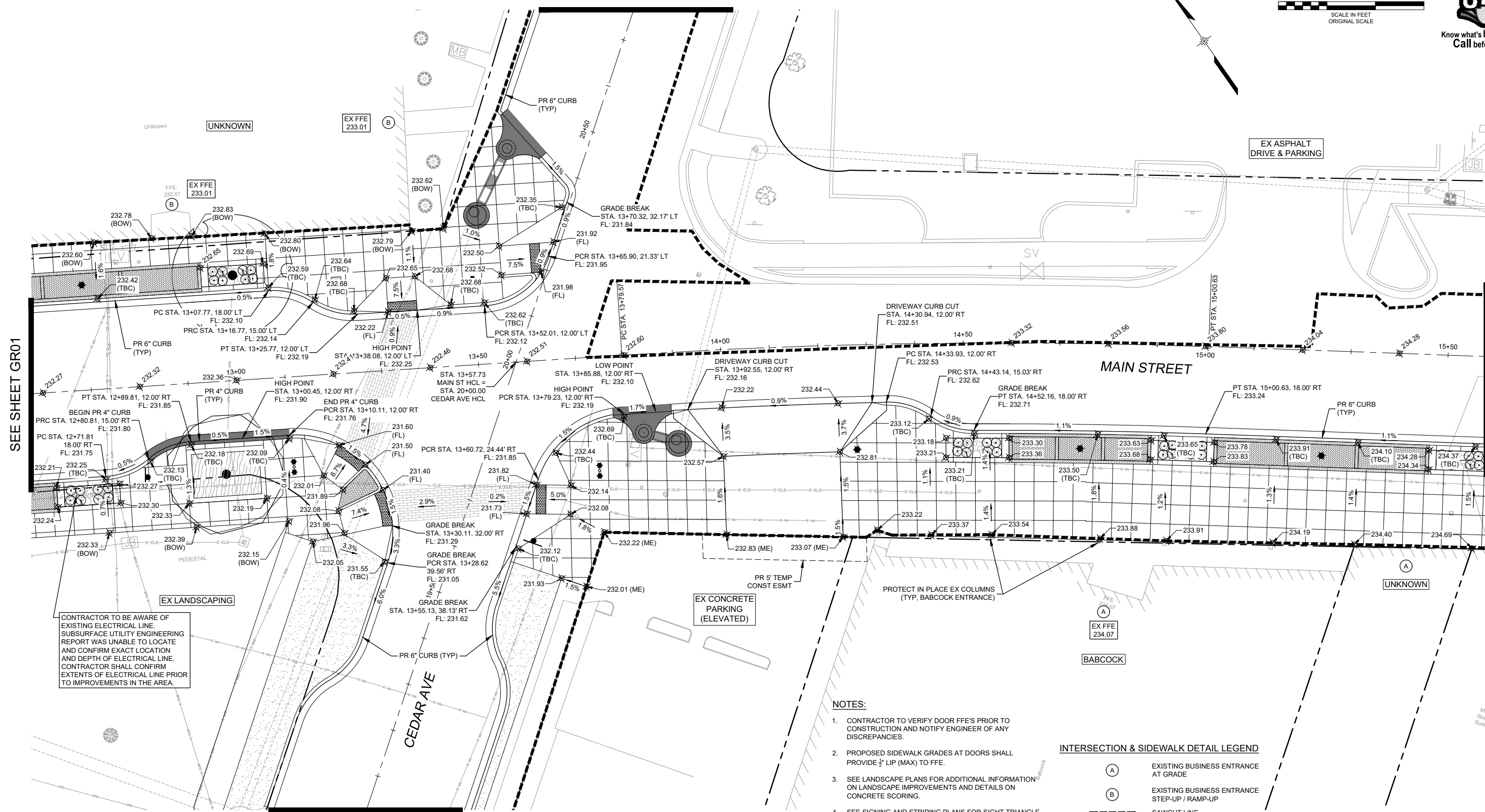
DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. GR01
CHECKED BY: KSL	VERT. N/A	SHEET 23 OF 99	



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SEE SHEET GR09



SEE SHEET GR01

SEE SHEET GR03

CONTRACTOR TO BE AWARE OF EXISTING ELECTRICAL LINE. SUBSURFACE UTILITY ENGINEERING REPORT WAS UNABLE TO LOCATE AND CONFIRM EXACT LOCATION AND DEPTH OF ELECTRICAL LINE. CONTRACTOR SHALL CONFIRM EXTENTS OF ELECTRICAL LINE PRIOR TO IMPROVEMENTS IN THE AREA.

**NOTES:**

1. CONTRACTOR TO VERIFY DOOR FFE'S PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 1/2" LIP (MAX) TO FFE.
3. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
4. SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
5. SEE SHEET DT01 FOR DETAILS.

**INTERSECTION & SIDEWALK DETAIL LEGEND**

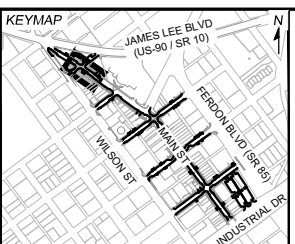
- (A) EXISTING BUSINESS ENTRANCE AT GRADE
- (B) EXISTING BUSINESS ENTRANCE STEP-UP / RAMP-UP
- SAWCUT LINE
- ▬ LIMITS OF PROPOSED 4" CURB HEAD (6-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)

SEE SHEET GR09

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
1165-P-Roads				
X-MDG22x34-TEP				
210713 CIVIL EX-Survey				
1165-P-UB				
1165-P-GRADE				
LA-BASE				
LA-BASE-PLANTING				

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SEAL  
KEVIN SCOTT LARDNER  
No. 91005  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004

**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

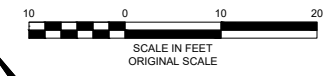
**MAIN STREET DETAILED GRADING PLAN 02**

DESIGNED BY:	ACR	SCALE:	HORIZ 1" = 10'	DATE ISSUED:	SEPTEMBER 2023	DRAWING No.:	GR02
CHECKED BY:	KSL	VERT:	N/A	SHEET:	24 OF 99		





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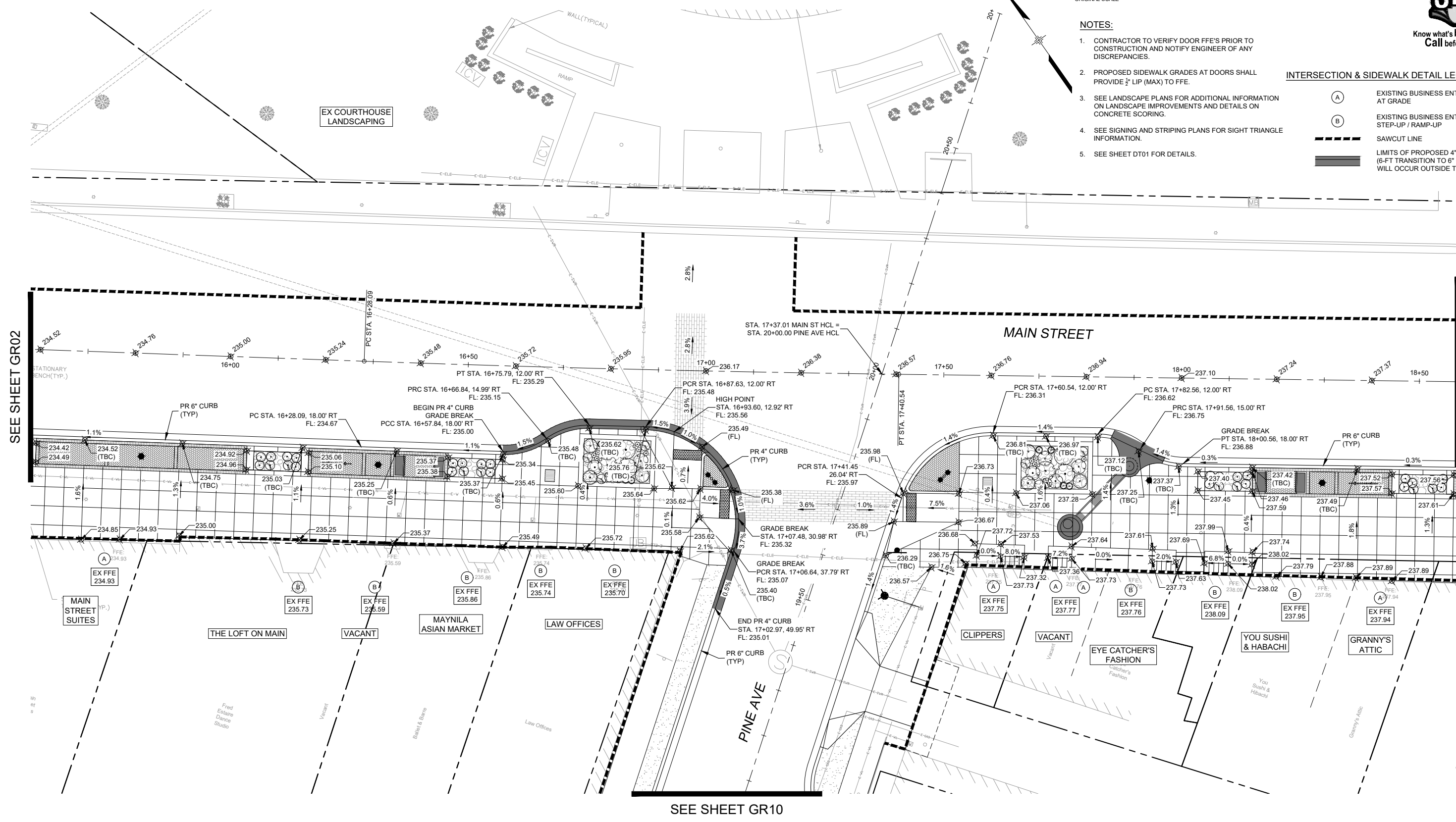


**NOTES:**

- CONTRACTOR TO VERIFY DOOR FFE'S PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 1/2" LIP (MAX) TO FFE.
- SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
- SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
- SEE SHEET DT01 FOR DETAILS.

**INTERSECTION & SIDEWALK DETAIL LEGEND**

- (A) EXISTING BUSINESS ENTRANCE AT GRADE
- (B) EXISTING BUSINESS ENTRANCE STEP-UP / RAMP-UP
- SAWCUT LINE
- ▬ LIMITS OF PROPOSED 4" CURB HEAD (6-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)

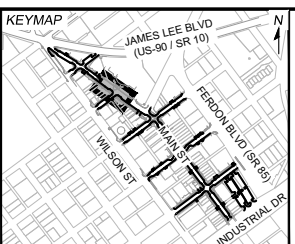


SEE SHEET GR02

SEE SHEET GR04

SEE SHEET GR10

No.	DATE	DESCRIPTION	BY
COMPUTER FILE MANAGEMENT			
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEPI\GR01.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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SEAL  
**KEVIN SCOTT LARDNER**  
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PROFESSIONAL ENGINEER

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004

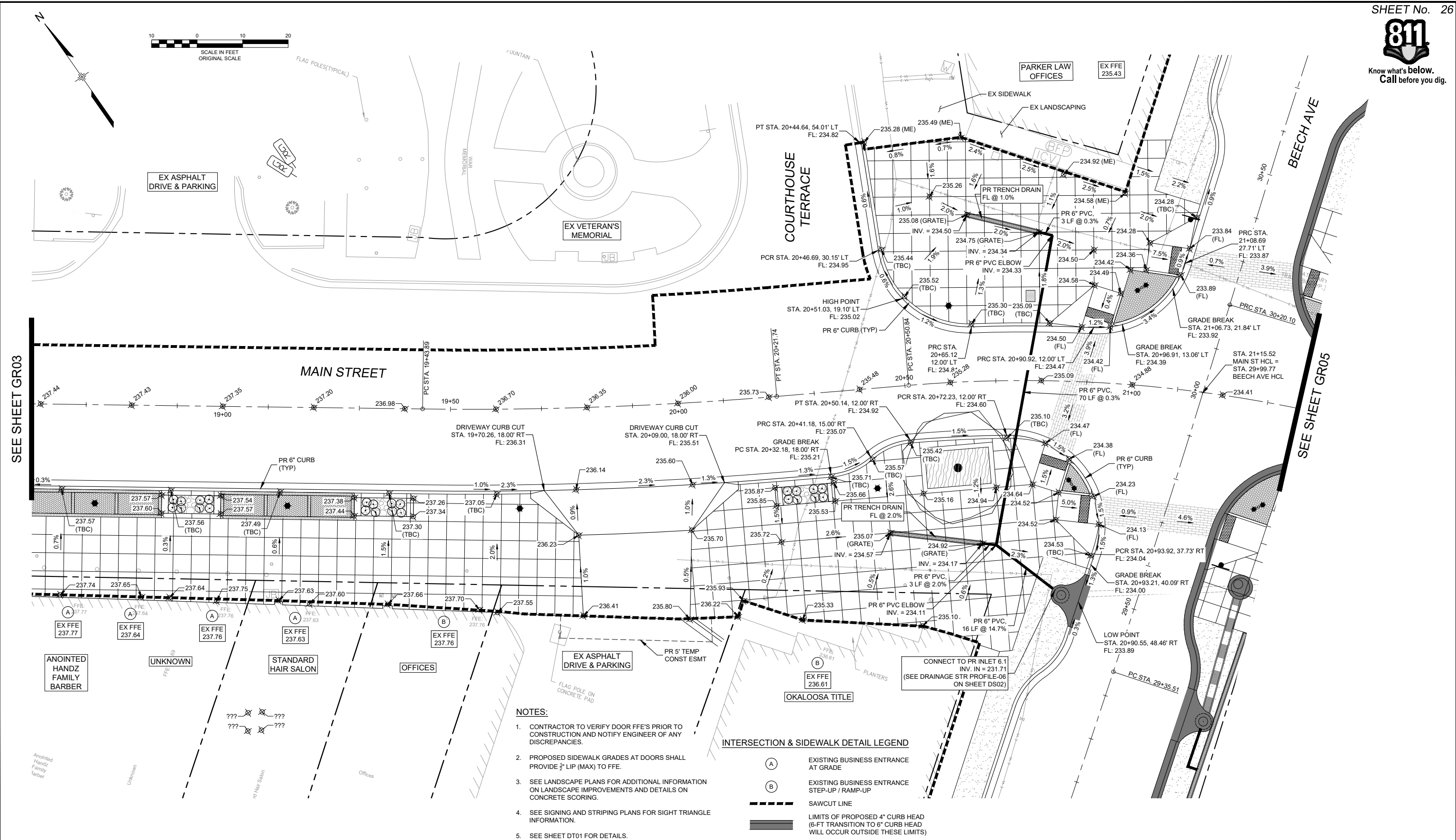
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**MAIN STREET DETAILED GRADING PLAN 03**

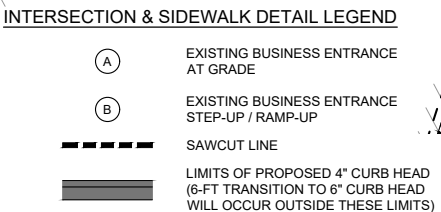
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CHECKED BY: KSL	HORIZ: 1" = 10'	SHEET: 25 OF 99	
	VERT: N/A		



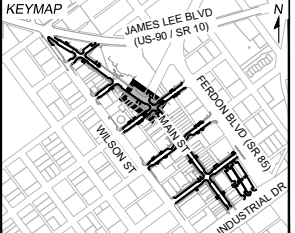
Know what's below. Call before you dig.



- NOTES:**
- CONTRACTOR TO VERIFY DOOR FFE'S PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
  - PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 1/2" LIP (MAX) TO FFE.
  - SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
  - SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
  - SEE SHEET DT01 FOR DETAILS.



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FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEPI\GR01.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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Phone: 850-682-1560  
www.cityofcrestview.org

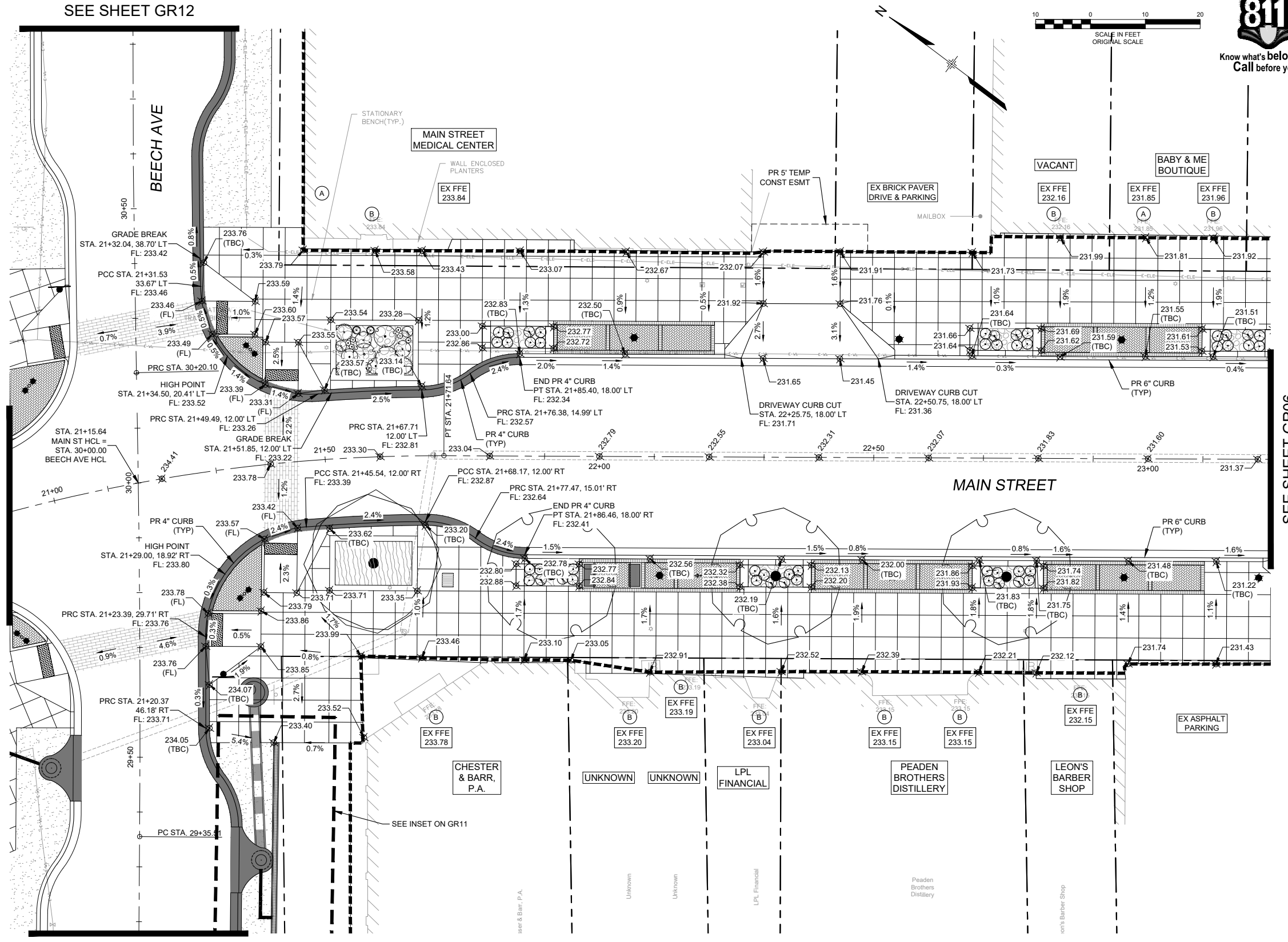
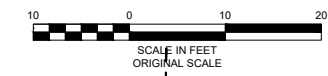
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Excellence by Design  
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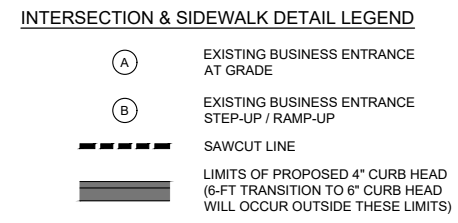
<b>MAIN STREET IMPROVEMENTS</b>			
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS			
<b>MAIN STREET DETAILED GRADING PLAN 04</b>			
DESIGNED BY: ACR	SCALE: 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. GR04
CHECKED BY: KSL	HORIZ: 1" = 10'	SHEET 26 OF 99	



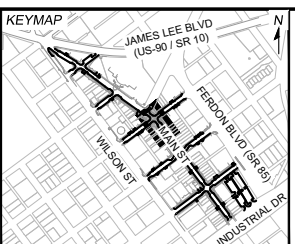
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- NOTES:**
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  - SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
  - SEE SHEET DT01 FOR DETAILS.



No.	DATE	DESCRIPTION	BY
<b>COMPUTER FILE MANAGEMENT</b>			
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEPI\GR01A.DWG			
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PLOT DATE: SEPTEMBER 2023			
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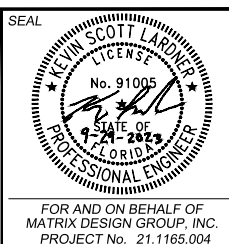


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**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**MAIN STREET DETAILED GRADING PLAN 05**

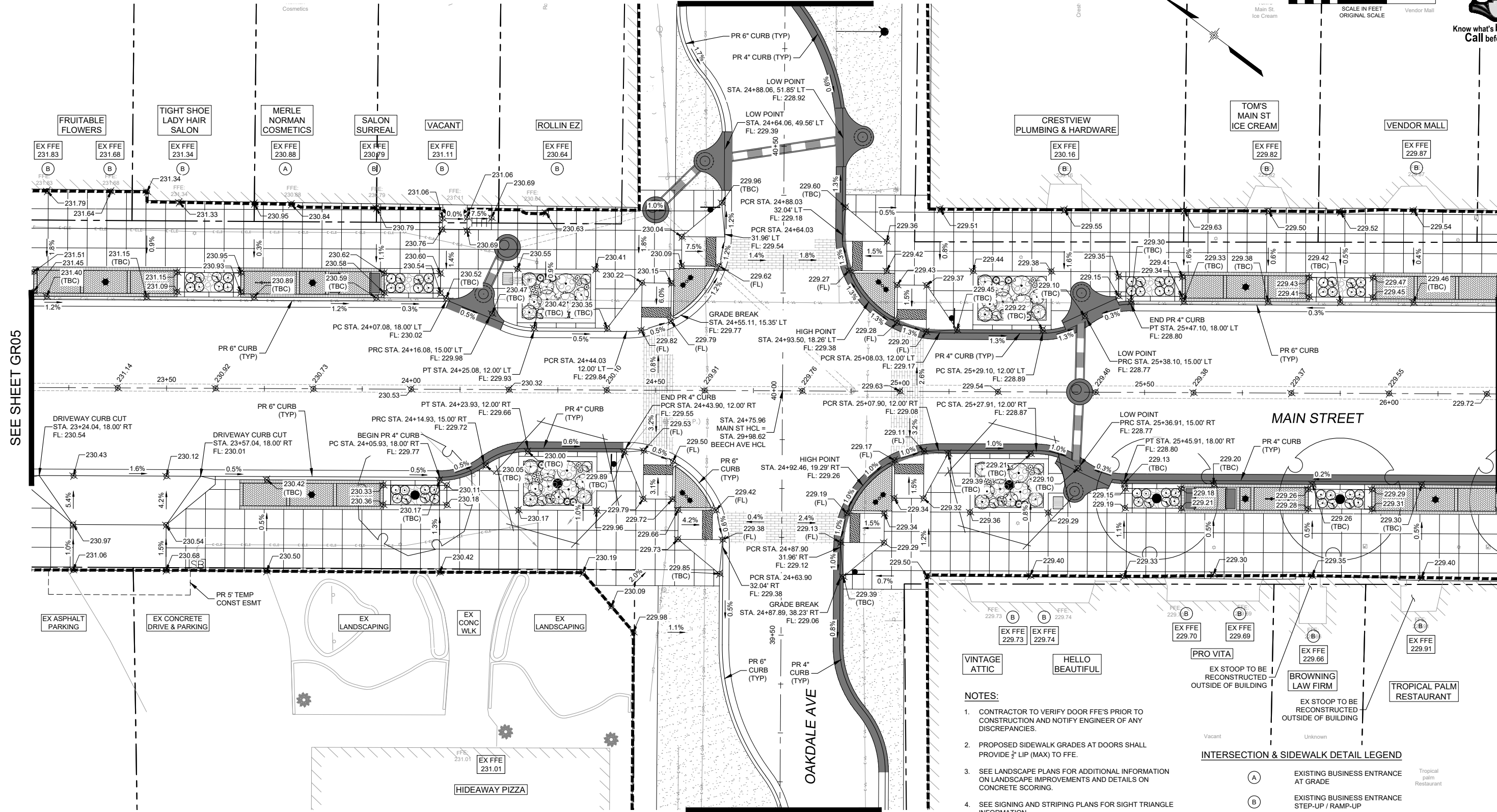
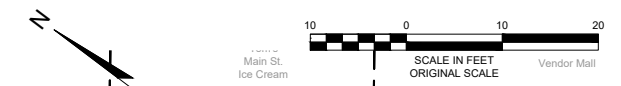
DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. GR05
CHECKED BY: KSL	VERT. N/A	SHEET 27 OF 99	

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004



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SEE SHEET GR05

SEE SHEET GR07

VINTAGE ATTIC HELLO BEAUTIFUL

PRO VITA

BROWNING LAW FIRM

TROPICAL PALM RESTAURANT

- NOTES:**
- CONTRACTOR TO VERIFY DOOR FFE'S PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
  - PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 1/2" LIP (MAX) TO FFE.
  - SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
  - SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
  - SEE SHEET DT01 FOR DETAILS.

**INTERSECTION & SIDEWALK DETAIL LEGEND**

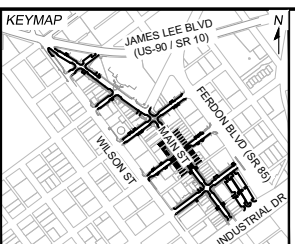
- (A) EXISTING BUSINESS ENTRANCE AT GRADE
- (B) EXISTING BUSINESS ENTRANCE STEP-UP / RAMP-UP
- SAWCUT LINE
- LIMITS OF PROPOSED 4" CURB HEAD (6-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)

SEE SHEET GR13

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
1165-P-Roads				
X-MDG22x34-TEP				
210713 CVIEW EX-Survey				
1165-P-Util				
1165-P-Grade				
LA-BASE				
LA-BASE-PLANTING				

COMPUTER FILE MANAGEMENT			
FILE NAME:	R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEP\GR01A.DWG		
CTB FILE:	MATRIX.CTB		
PLOT DATE:	SEPTEMBER 2023		
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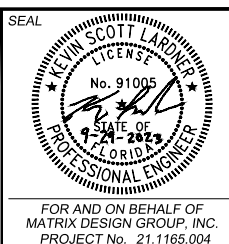


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**MAIN STREET IMPROVEMENTS**  
 CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

**MAIN STREET DETAILED GRADING PLAN 06**

DESIGNED BY:	ACR	SCALE:	DATE ISSUED:	SEPTEMBER 2023	DRAWING No.
CHECKED BY:	KSL	HORIZ:	1" = 10'	SHEET	28 OF 99
		VERT:	N/A		<b>GR06</b>

FOR AND ON BEHALF OF  
 MATRIX DESIGN GROUP, INC.  
 PROJECT No. 21.1165.004



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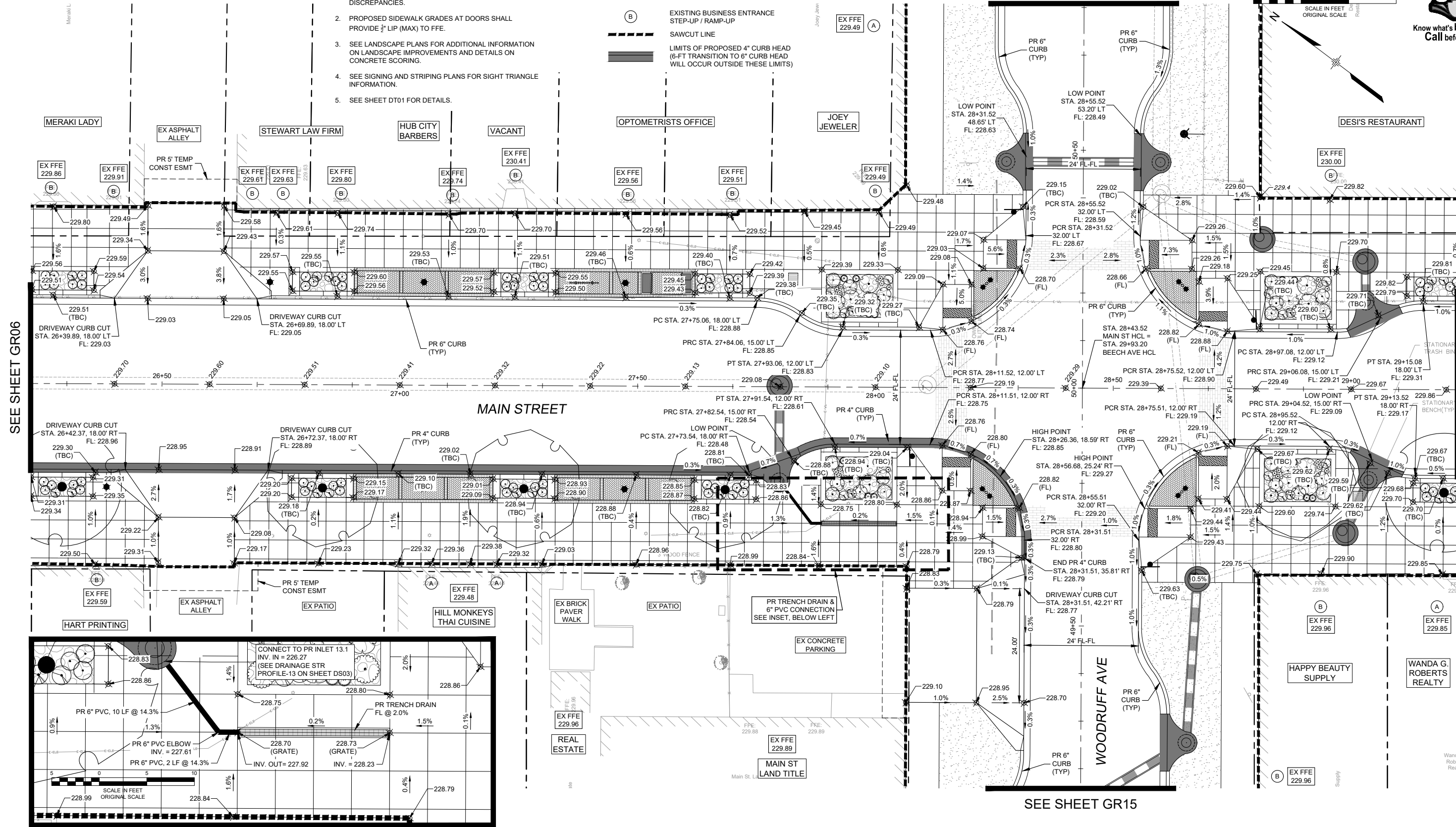
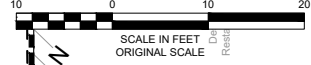
**NOTES:**

- CONTRACTOR TO VERIFY DOOR FFE'S PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 1/2" LIP (MAX) TO FFE.
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- SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
- SEE SHEET DT01 FOR DETAILS.

**INTERSECTION & SIDEWALK DETAIL LEGEND**

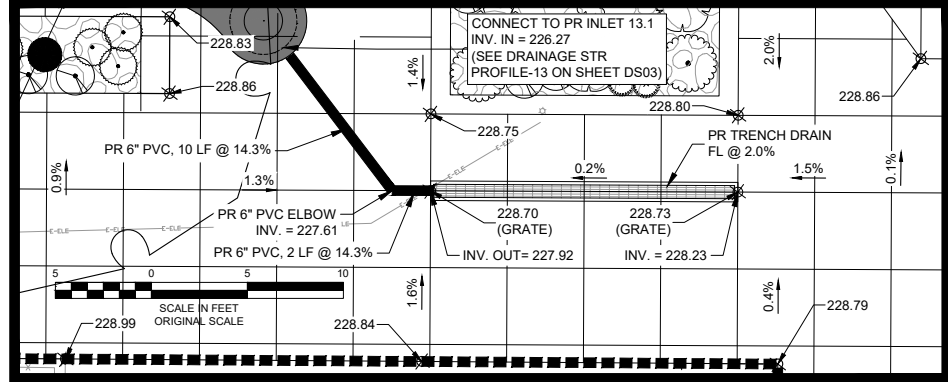
- (A) EXISTING BUSINESS ENTRANCE AT GRADE
- (B) EXISTING BUSINESS ENTRANCE STEP-UP / RAMP-UP
- SAWCUT LINE
- LIMITS OF PROPOSED 4" CURB HEAD (6-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)

SEE SHEET GR16

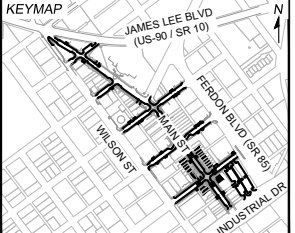


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SEE SHEET GR08



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PLOT DATE: SEPTEMBER 2023			
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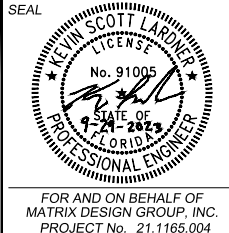


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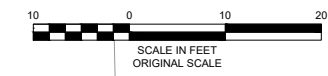
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**MAIN STREET DETAILED GRADING PLAN 07**

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CHECKED BY: KSL	VERT. N/A	SHEET 29 OF 99	



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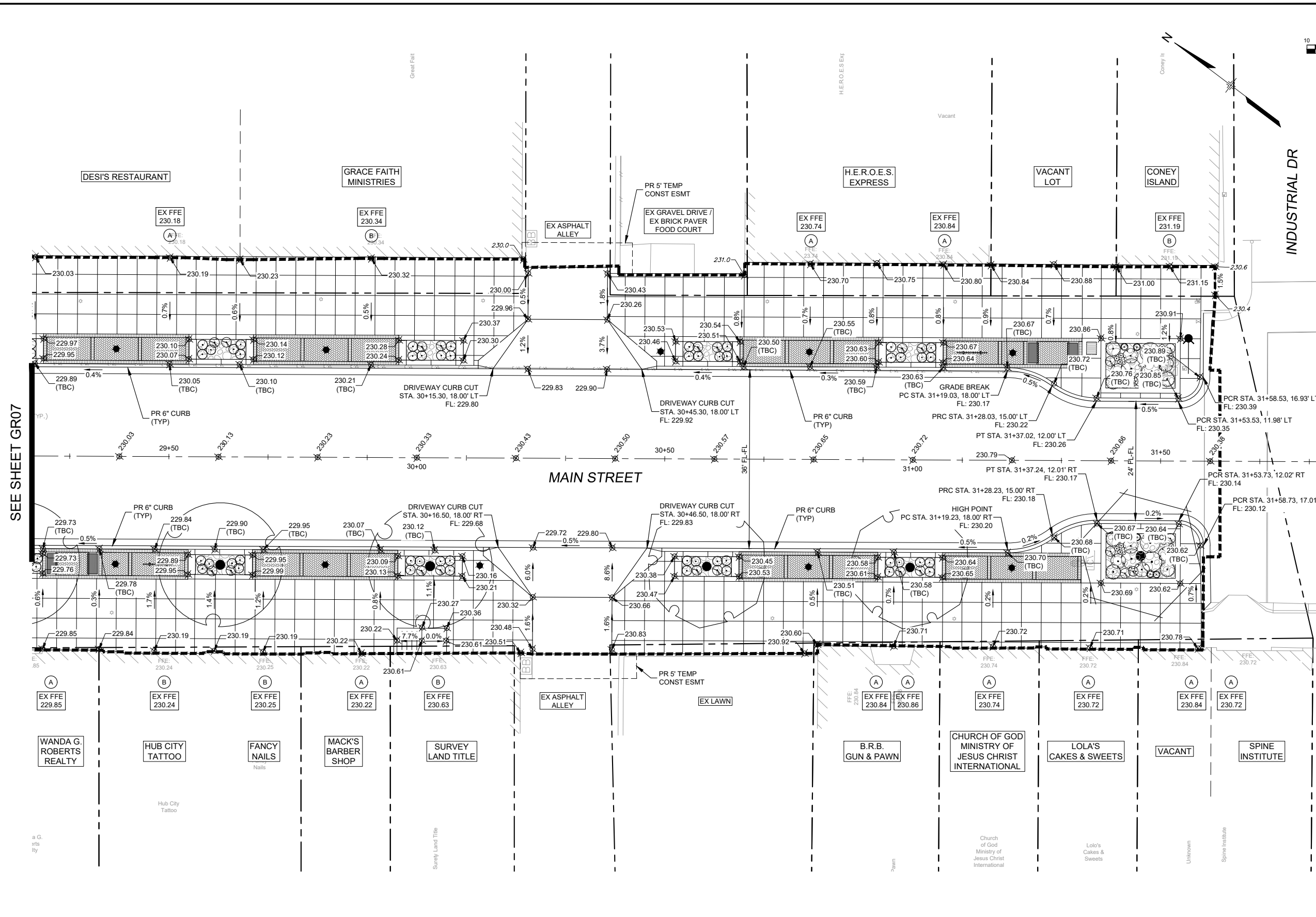


**NOTES:**

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2. PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 1/4" LIP (MAX) TO FFE.
3. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
4. SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
5. SEE SHEET DT01 FOR DETAILS.

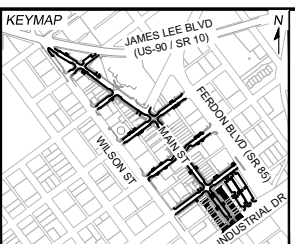
**INTERSECTION & SIDEWALK DETAIL LEGEND**

- (A) EXISTING BUSINESS ENTRANCE AT GRADE
- (B) EXISTING BUSINESS ENTRANCE STEP-UP / RAMP-UP
- SAWCUT LINE
- ▬ LIMITS OF PROPOSED 4" CURB HEAD (6'-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)



SEE SHEET GR07

No.	DATE	DESCRIPTION	BY
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PLOT DATE: SEPTEMBER 2023			
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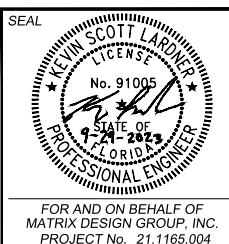


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**MAIN STREET IMPROVEMENTS**

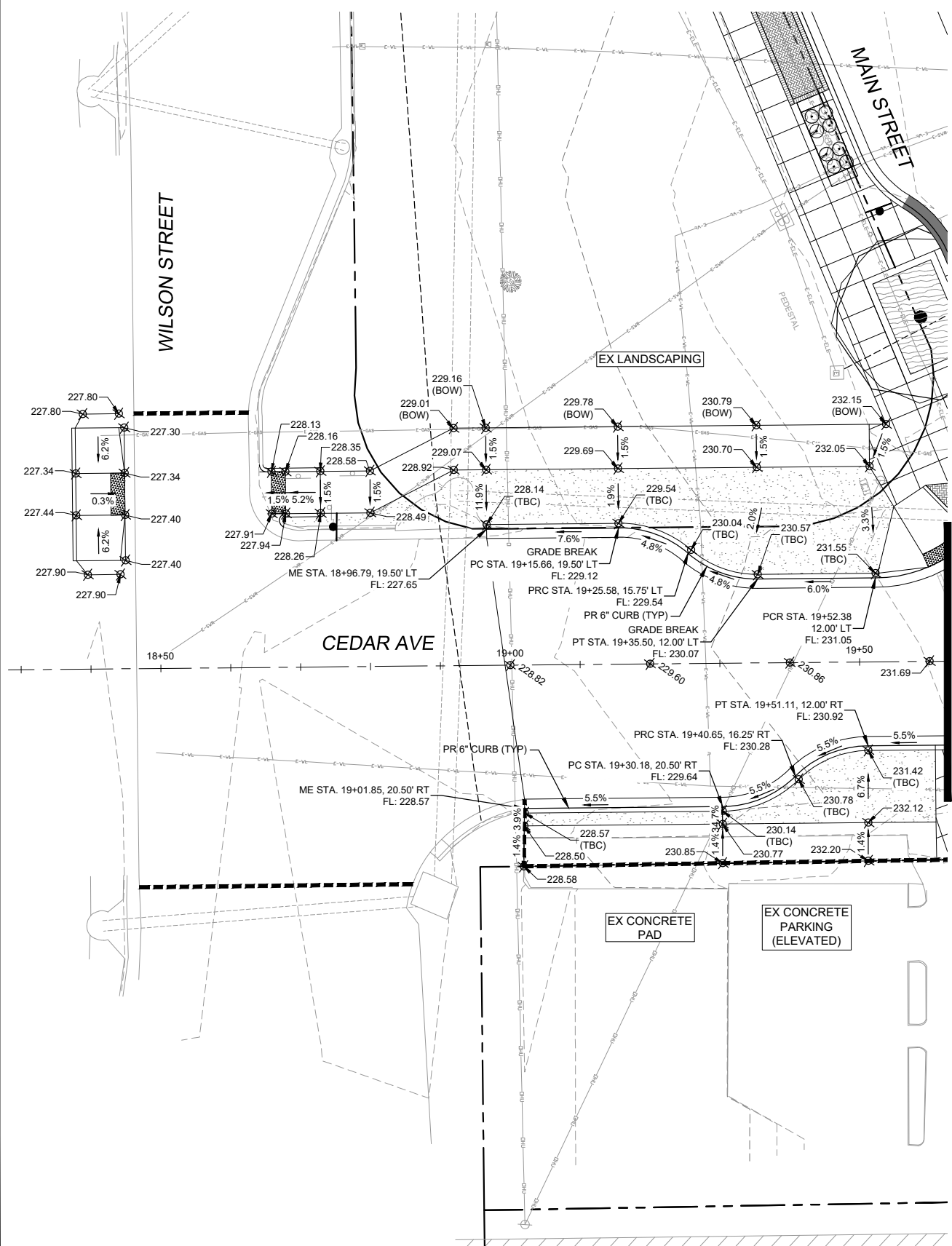
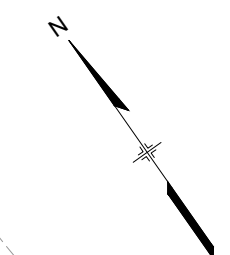
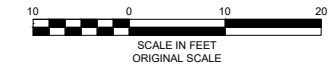
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**MAIN STREET DETAILED GRADING PLAN 08**

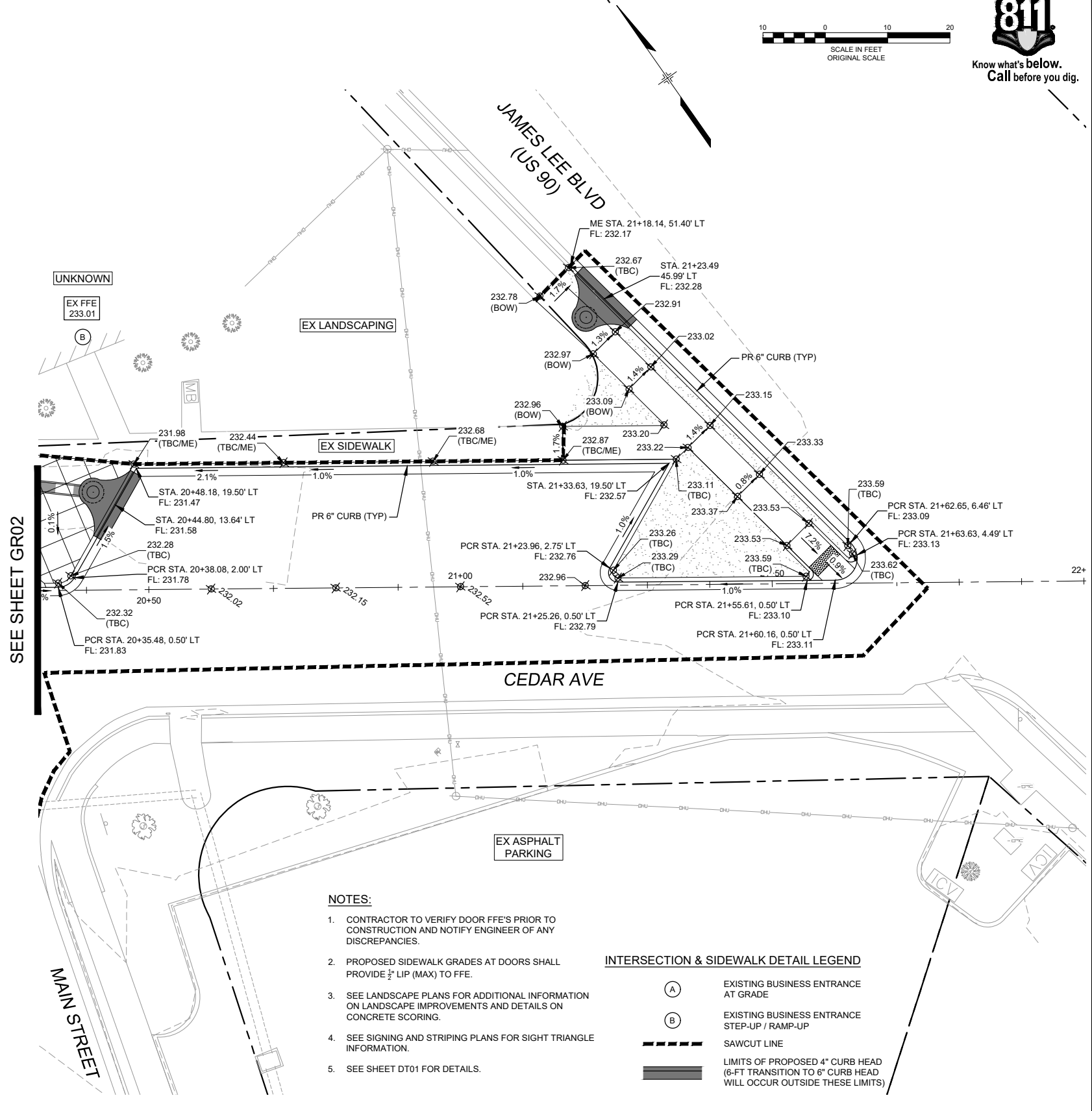
DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. GR08
CHECKED BY: KSL	VERT. N/A	SHEET 30 OF 99	



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SEE SHEET GR02

**NOTES:**

- CONTRACTOR TO VERIFY DOOR FFE'S PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 1/2" LIP (MAX) TO FFE.
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- SEE SHEET DT01 FOR DETAILS.

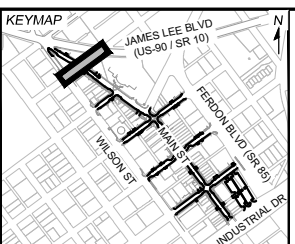
**INTERSECTION & SIDEWALK DETAIL LEGEND**

- (A) EXISTING BUSINESS ENTRANCE AT GRADE
- (B) EXISTING BUSINESS ENTRANCE STEP-UP / RAMP-UP
- SAWCUT LINE
- ▬ LIMITS OF PROPOSED 4" CURB HEAD (6-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)

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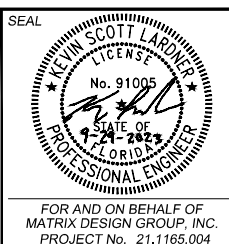


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**MAIN STREET IMPROVEMENTS**

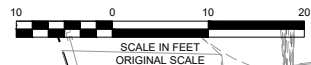
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

**CEDAR AVENUE DETAILED GRADING PLAN 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. GR09
CHECKED BY: KSL	VERT. N/A	SHEET 31 OF 99	

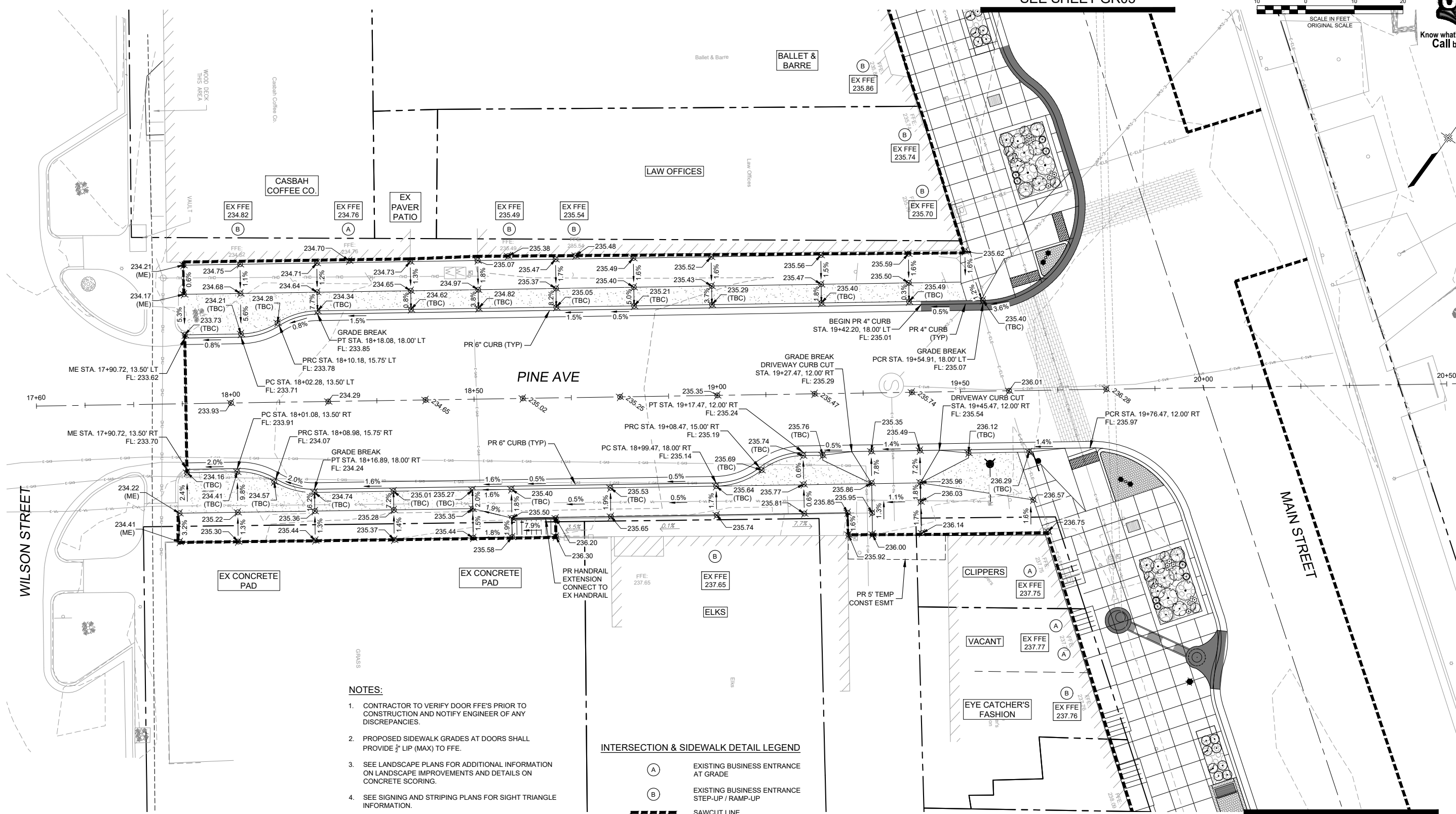


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SEE SHEET GR03

SEE SHEET GR03



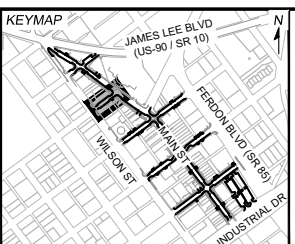
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4. SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
5. SEE SHEET DT01 FOR DETAILS.

**INTERSECTION & SIDEWALK DETAIL LEGEND**

- (A) EXISTING BUSINESS ENTRANCE AT GRADE
- (B) EXISTING BUSINESS ENTRANCE STEP-UP / RAMP-UP
- SAWCUT LINE
- ▬ LIMITS OF PROPOSED 4" CURB HEAD (6-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)

No.	DATE	DESCRIPTION	BY
REVISIONS			
COMPUTER FILE MANAGEMENT			
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\IPIGR02.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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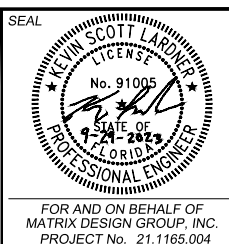


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**MAIN STREET IMPROVEMENTS**

CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

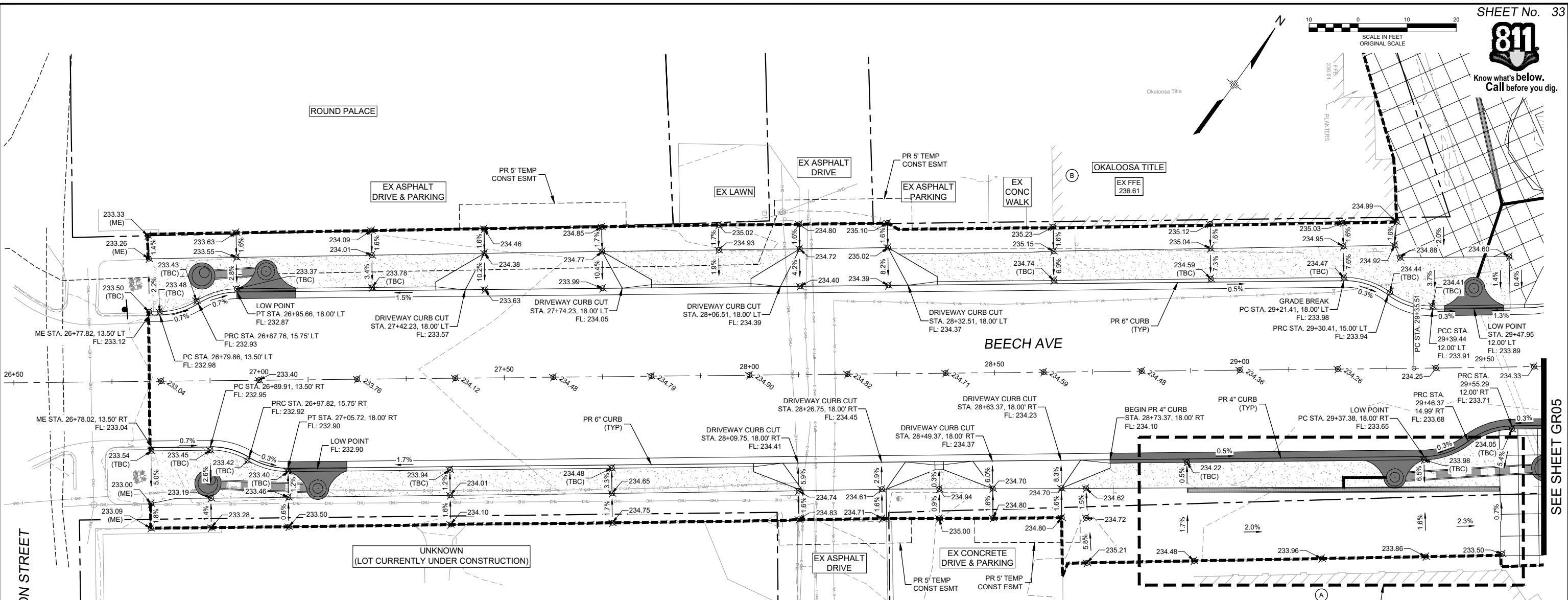
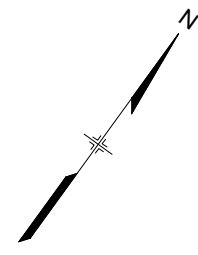
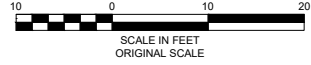
**PINE AVENUE DETAILED GRADING PLAN 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. GR10
CHECKED BY: KSL	VERT. N/A	SHEET 32 OF 99	





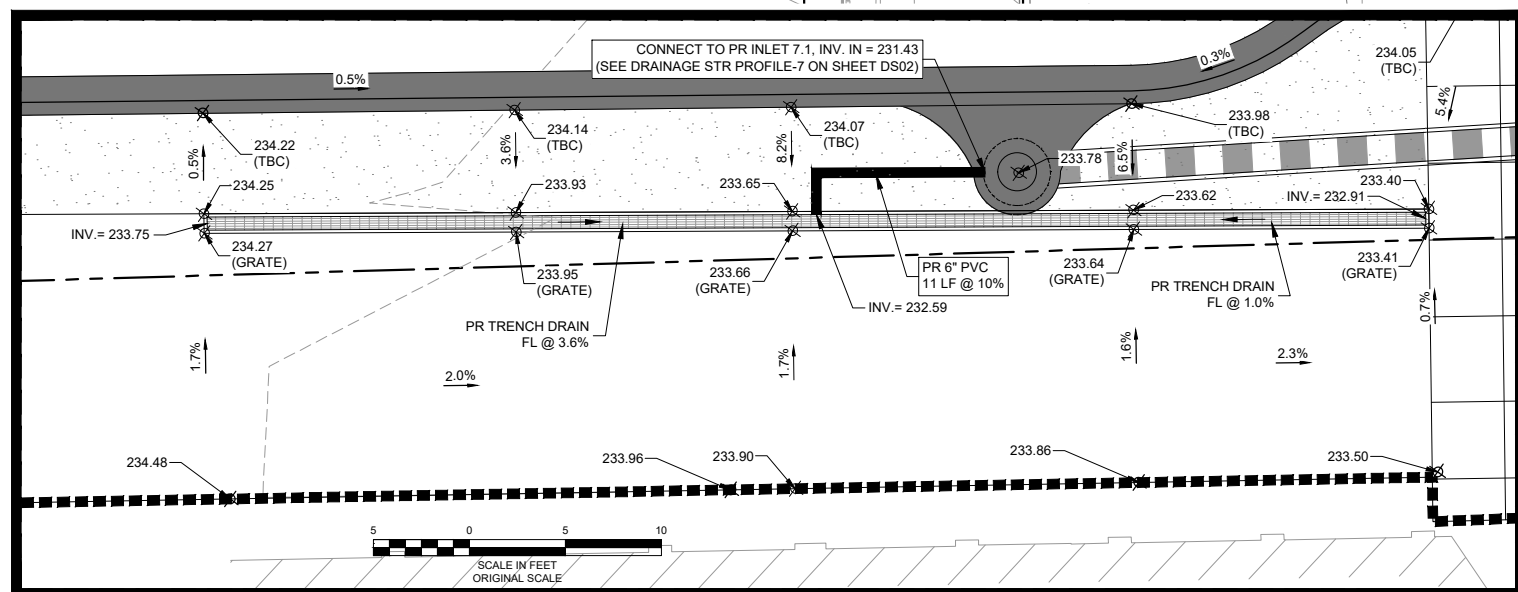
Know what's below. Call before you dig.



- NOTES:**
- CONTRACTOR TO VERIFY DOOR FFE'S PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
  - PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 2" LIP (MAX) TO FFE.
  - SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
  - SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
  - SEE SHEET DT01 FOR DETAILS.

**INTERSECTION & SIDEWALK DETAIL LEGEND**

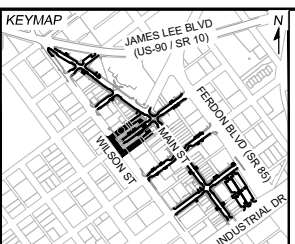
(A)	EXISTING BUSINESS ENTRANCE AT GRADE
(B)	EXISTING BUSINESS ENTRANCE STEP-UP / RAMP-UP
---	SAWCUT LINE
▬	LIMITS OF PROPOSED 4" CURB HEAD (6-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)



**REFERENCE DRAWINGS**

1165-P-Roads	
X-MDG22x34-TEP	
210713-DVIEW EX-Survey	
1165-P-UI	
LA-BASE	
1165-P-GRADE	
LA-BASE-PLANTING	

No.	DATE	DESCRIPTION	BY
<b>REVISIONS</b>			
<b>COMPUTER FILE MANAGEMENT</b>			
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\SITE\IGR02.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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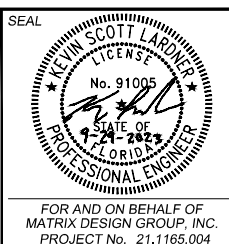


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FLORIDA

198 North Wilson Street  
Crestview, FL 32536  
Phone: 850-682-1560  
www.cityofcrestview.org

**PREPARED BY:**  
**Matrix**  
Excellence by Design

320 Bayshore Drive, Suite B  
Niceville, FL 32578  
Phone: 850-279-4298  
www.matrixdesigngroup.com



**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

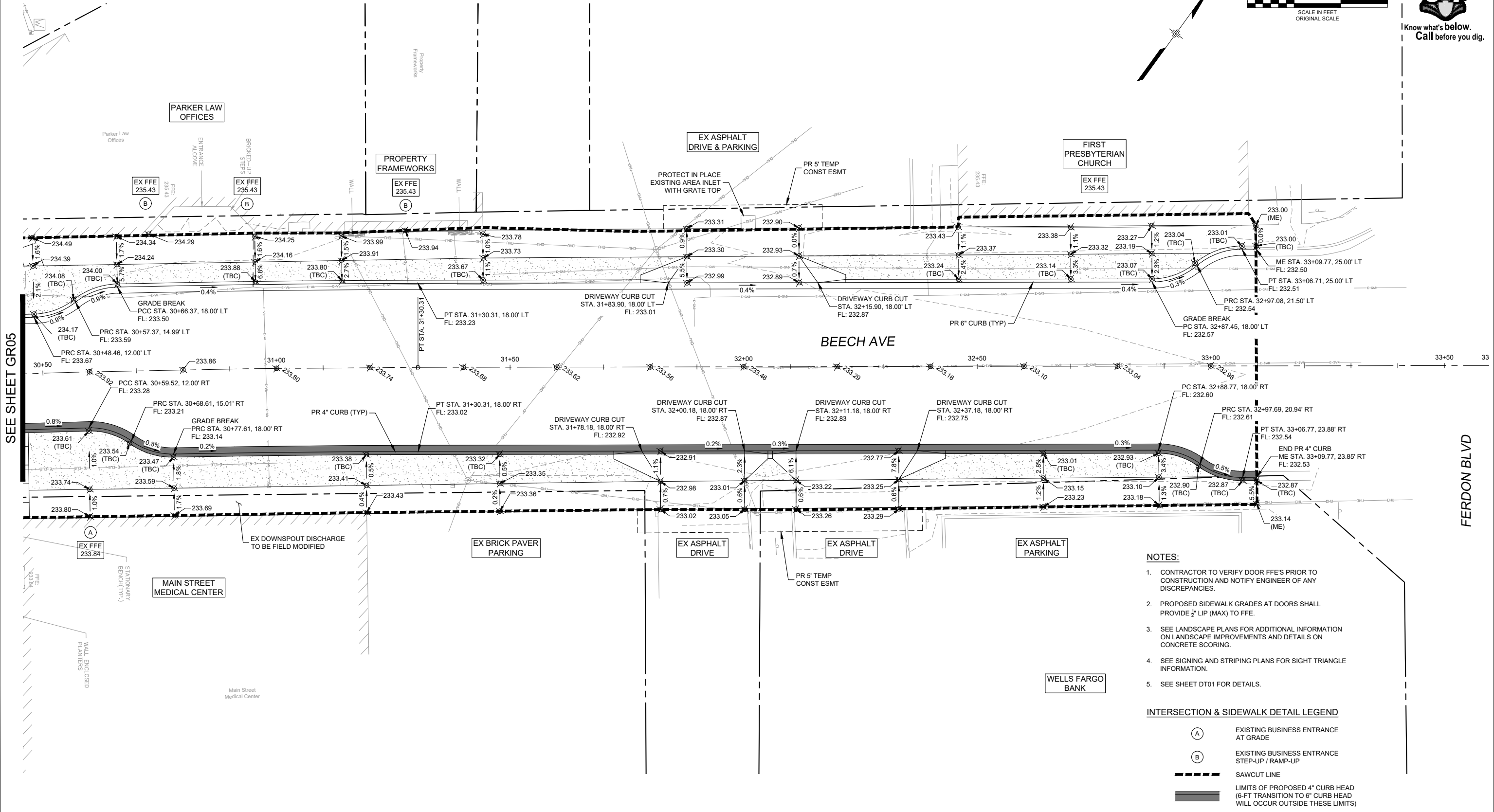
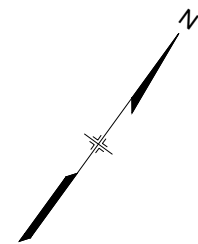
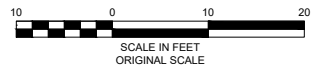
**BEECH AVENUE DETAILED GRADING PLAN 01**

DESIGNED BY: ACR	SCALE: 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. GR11
CHECKED BY: KSL	HORIZ: 1" = 10'	SHEET: 33 OF 99	
	VERT: N/A		

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004



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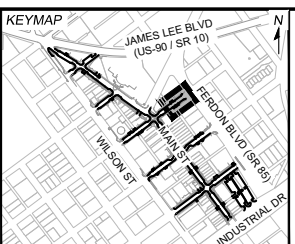
SEE SHEET GR05

FERDON BLVD

- NOTES:**
- CONTRACTOR TO VERIFY DOOR FFE'S PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
  - PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 1/2" LIP (MAX) TO FFE.
  - SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
  - SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
  - SEE SHEET DT01 FOR DETAILS.

- INTERSECTION & SIDEWALK DETAIL LEGEND**
- (A) EXISTING BUSINESS ENTRANCE AT GRADE
  - (B) EXISTING BUSINESS ENTRANCE STEP-UP / RAMP-UP
  - SAWCUT LINE
  - ▬ LIMITS OF PROPOSED 4" CURB HEAD (6-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)

No.	DATE	DESCRIPTION	BY
<b>COMPUTER FILE MANAGEMENT</b>			
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CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			

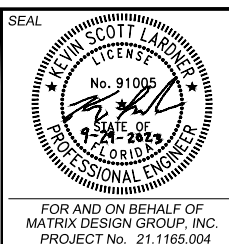


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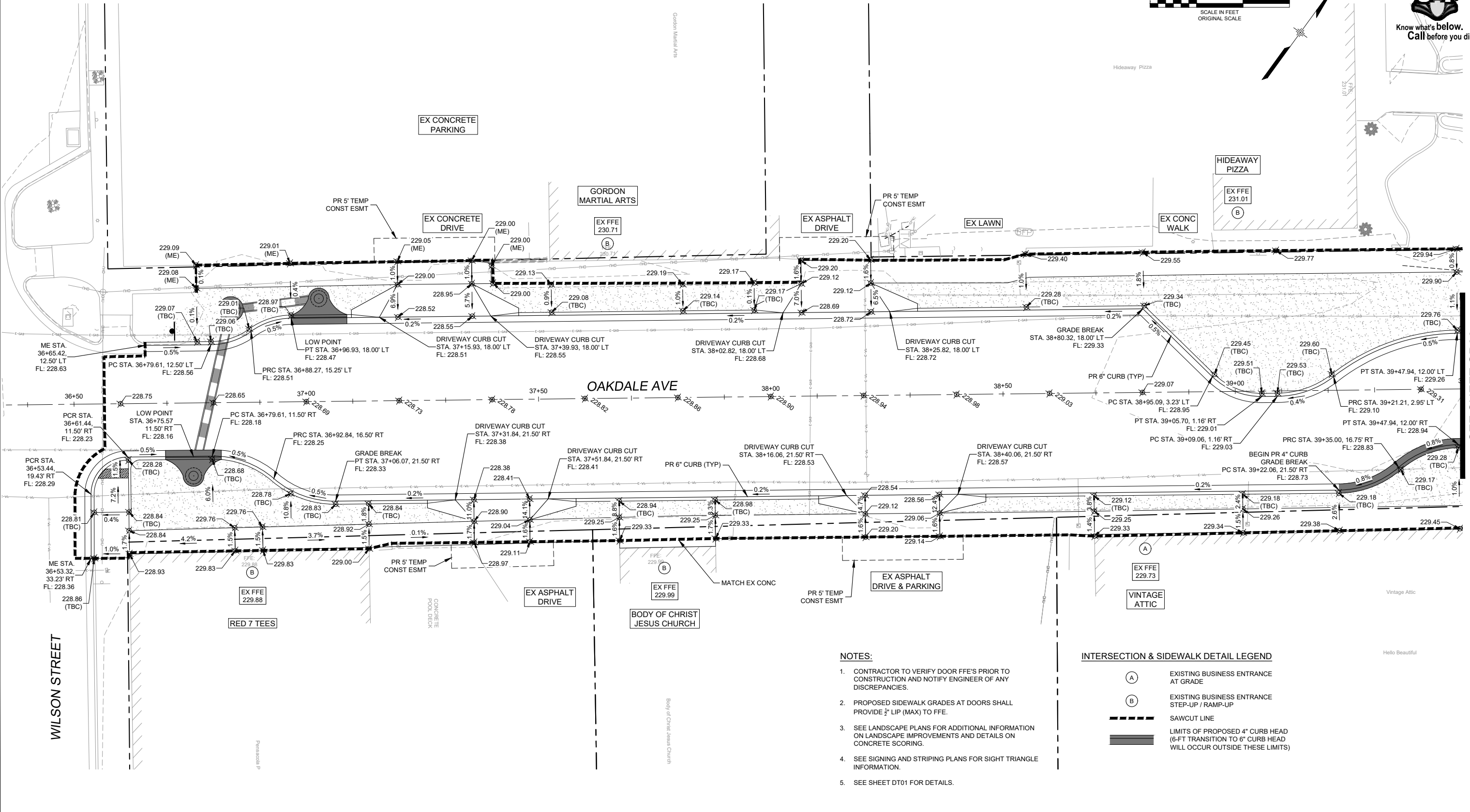
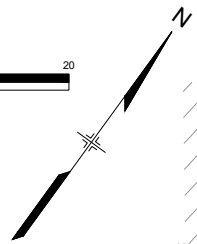
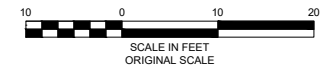
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**BEECH AVENUE DETAILED GRADING PLAN 02**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. GR12
DRAWN BY: ACR	VERT. N/A	SHEET 34 OF 99	
CHECKED BY: KSL			



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SEE SHEET GR06

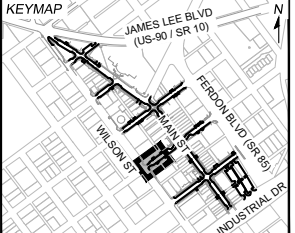
- NOTES:**
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  - PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 1/2" LIP (MAX) TO FFE.
  - SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
  - SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
  - SEE SHEET DT01 FOR DETAILS.

- INTERSECTION & SIDEWALK DETAIL LEGEND**
- (A) EXISTING BUSINESS ENTRANCE AT GRADE
  - (B) EXISTING BUSINESS ENTRANCE STEP-UP / RAMP-UP
  - SAWCUT LINE
  - ▬ LIMITS OF PROPOSED 4" CURB HEAD (6-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
1165-P-Roads				
X-MDG22x34-TEP				
210713 CVIEW EX-Survey				
1165-P-Util				
LA-BASE				
1165-P-GRADE				
LA-BASE-PLANTING				

**COMPUTER FILE MANAGEMENT**

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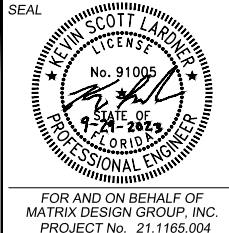


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**MAIN STREET IMPROVEMENTS**  
 CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

**OAKDALE AVENUE DETAILED GRADING PLAN 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. GR13
CHECKED BY: KSL	VERT. N/A	SHEET 35 OF 99	



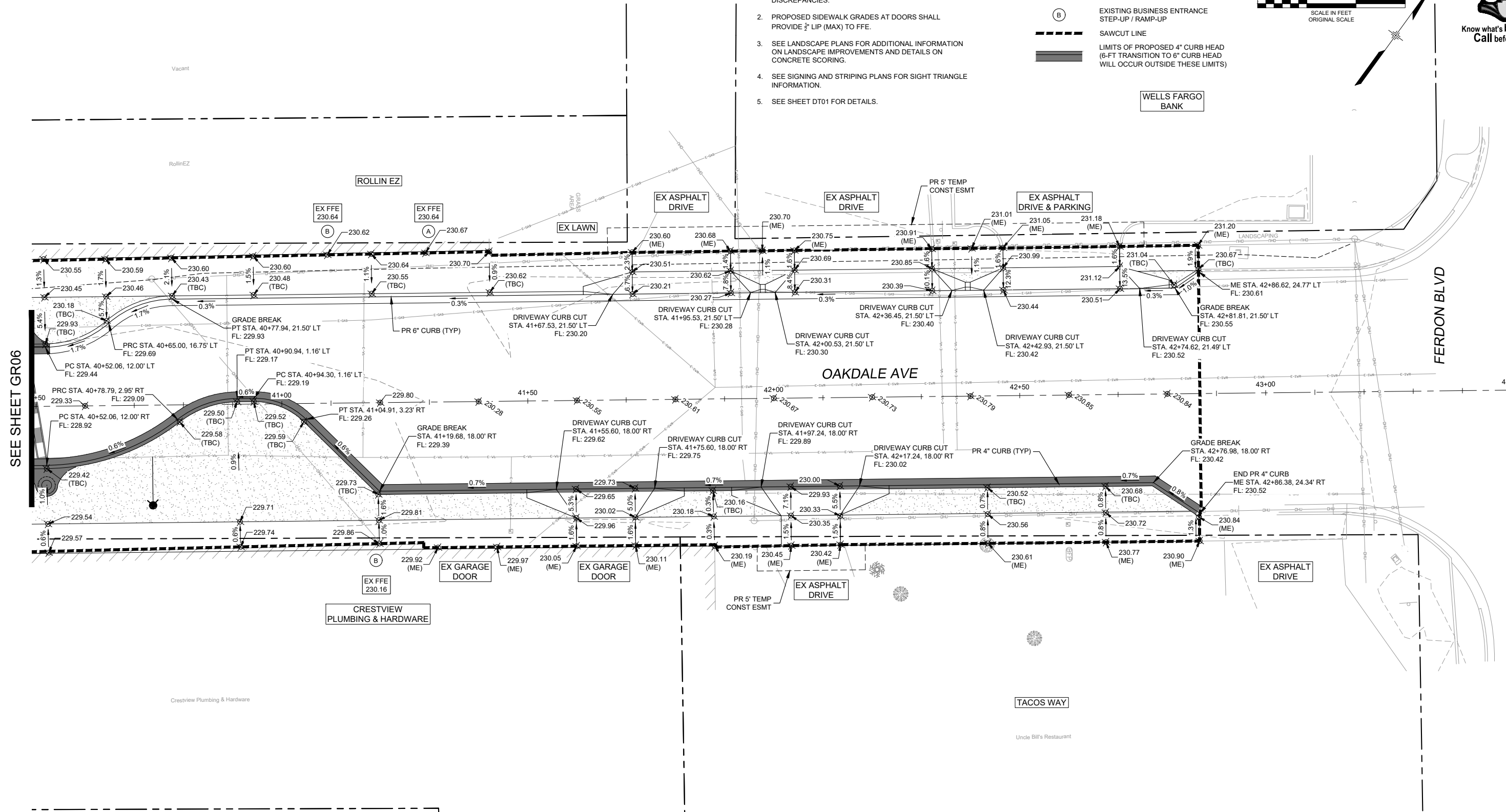
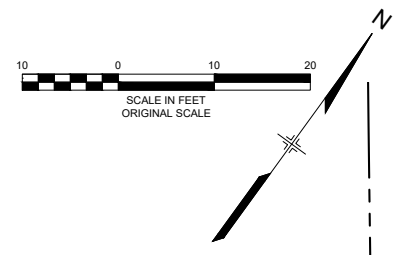
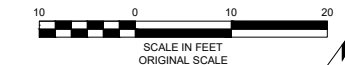
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**NOTES:**

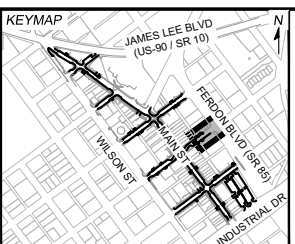
- CONTRACTOR TO VERIFY DOOR FFE'S PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 3/4" LIP (MAX) TO FFE.
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- SEE SHEET DT01 FOR DETAILS.

**INTERSECTION & SIDEWALK DETAIL LEGEND**

- (A) EXISTING BUSINESS ENTRANCE AT GRADE
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- SAWCUT LINE
- ▬ LIMITS OF PROPOSED 4" CURB HEAD (6-FIT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)



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FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEPIGR02.DWG			
CTB FILE: MATRIX.CTB			
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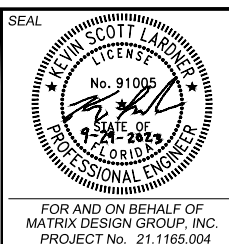


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**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**OAKDALE AVENUE DETAILED GRADING PLAN 02**

DESIGNED BY: ACR	SCALE: 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. GR14
CHECKED BY: KSL	VERT. N/A	SHEET 36 OF 99	



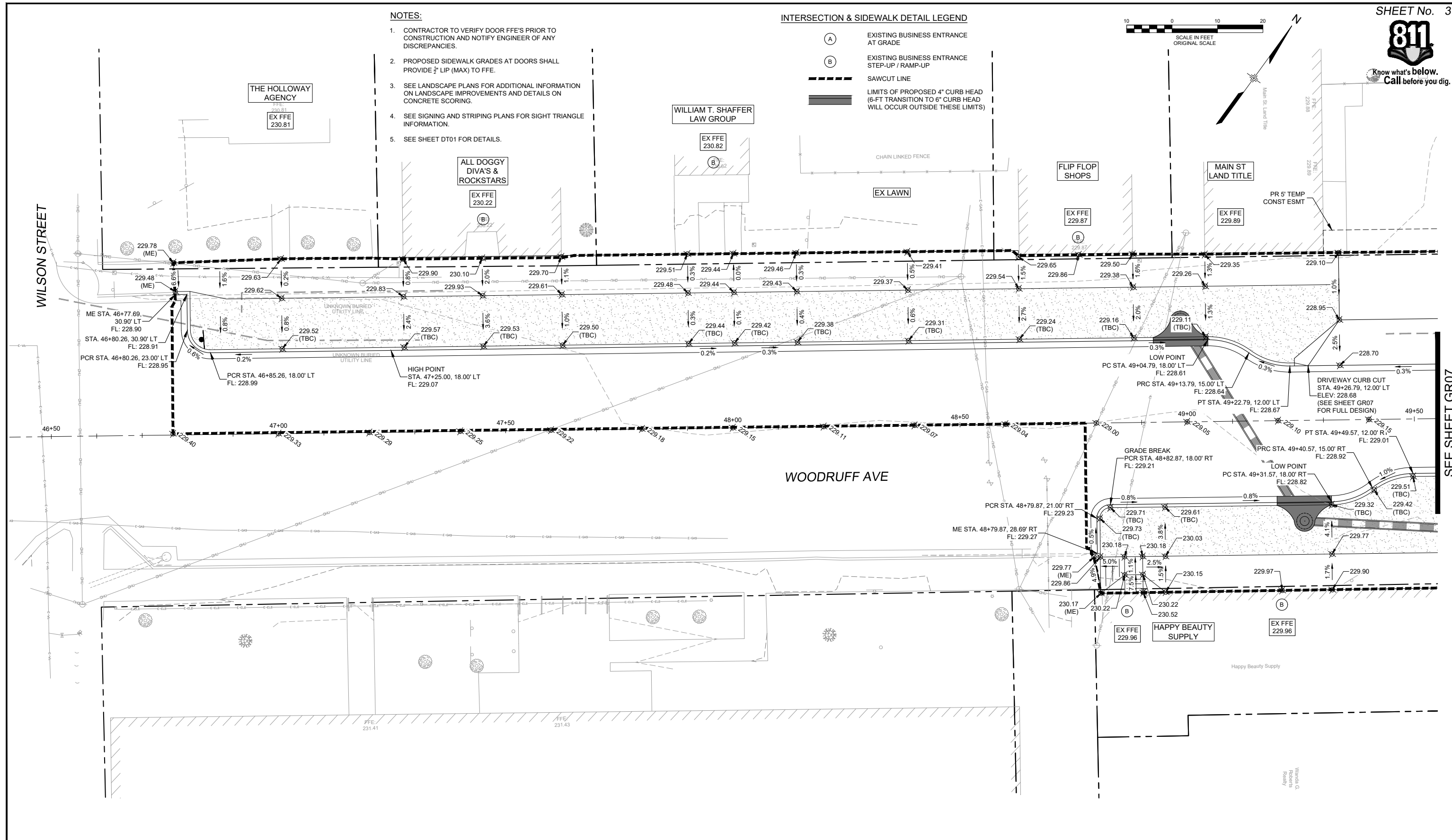
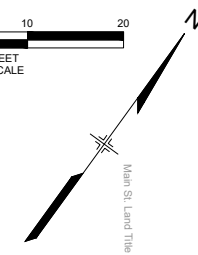
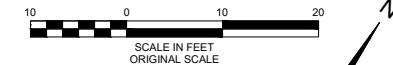
Know what's below. Call before you dig.

**NOTES:**

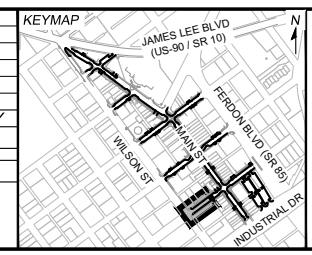
1. CONTRACTOR TO VERIFY DOOR FFE'S PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. PROPOSED SIDEWALK GRADES AT DOORS SHALL PROVIDE 1/4" LIP (MAX) TO FFE.
3. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON LANDSCAPE IMPROVEMENTS AND DETAILS ON CONCRETE SCORING.
4. SEE SIGNING AND STRIPING PLANS FOR SIGHT TRIANGLE INFORMATION.
5. SEE SHEET DT01 FOR DETAILS.

**INTERSECTION & SIDEWALK DETAIL LEGEND**

- (A) EXISTING BUSINESS ENTRANCE AT GRADE
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- SAWCUT LINE
- LIMITS OF PROPOSED 4" CURB HEAD (6-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)

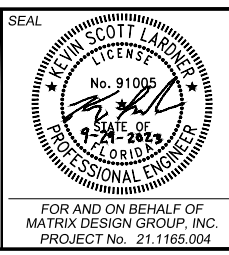


No.	DATE	DESCRIPTION REVISIONS	BY



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**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**WOODRUFF AVENUE DETAILED GRADING PLAN 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. GR15
CHECKED BY: KSL	VERT. N/A	SHEET 37 OF 99	

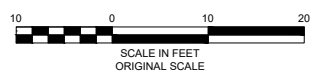
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1165-P-Roads  
X-MDG22x34-TEP  
210713 CVIEW EX-Survey  
1165-P-UMI  
LA-BASE  
1165-P-GRADE  
LA-BASE-PLANTING

**COMPUTER FILE MANAGEMENT**  
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SEE SHEET GR07



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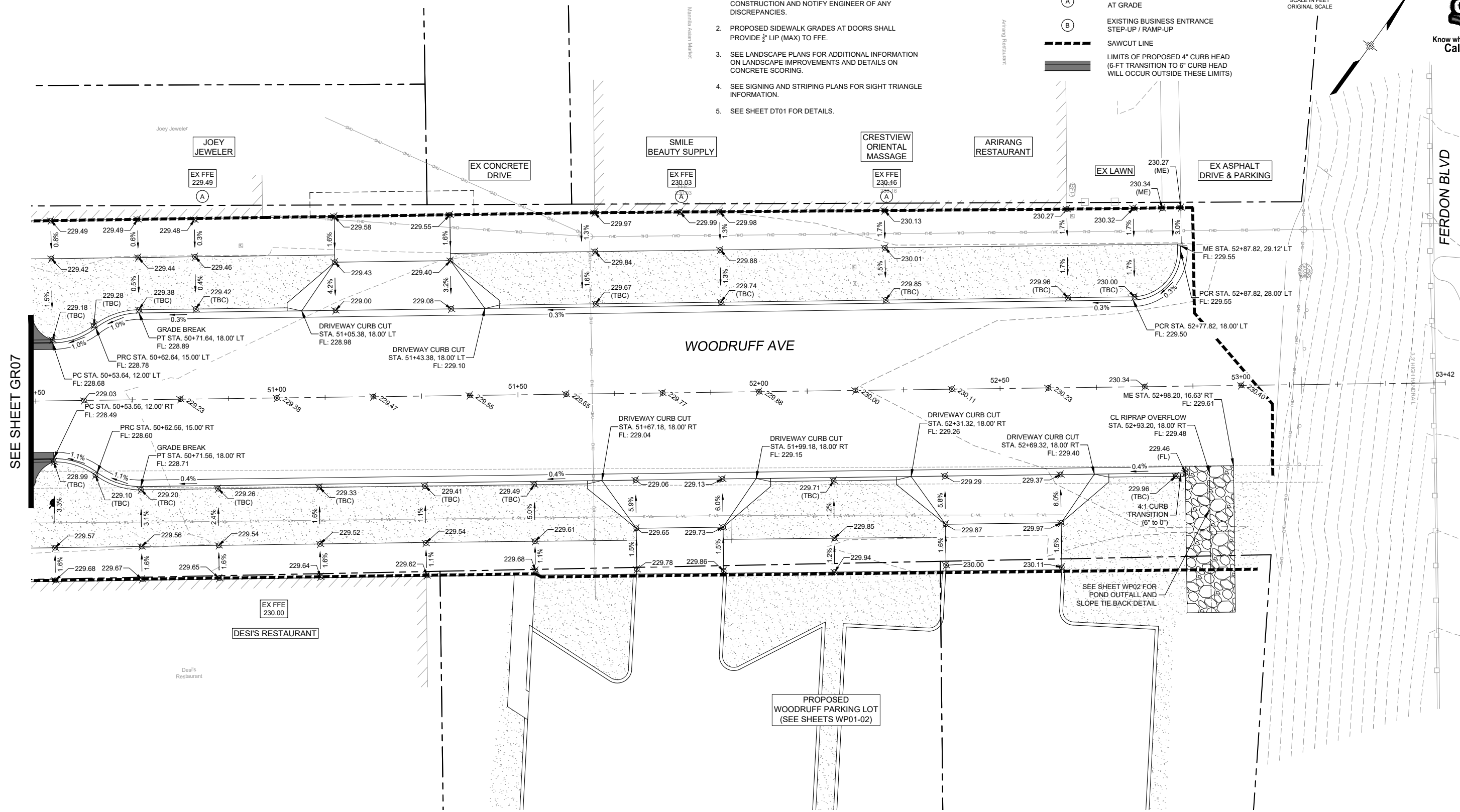


**NOTES:**

1. CONTRACTOR TO VERIFY DOOR FFE'S PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
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5. SEE SHEET DT01 FOR DETAILS.

**INTERSECTION & SIDEWALK DETAIL LEGEND**

- (A) EXISTING BUSINESS ENTRANCE AT GRADE
- (B) EXISTING BUSINESS ENTRANCE STEP-UP / RAMP-UP
- SAWCUT LINE
- LIMITS OF PROPOSED 4" CURB HEAD (6-FT TRANSITION TO 6" CURB HEAD WILL OCCUR OUTSIDE THESE LIMITS)

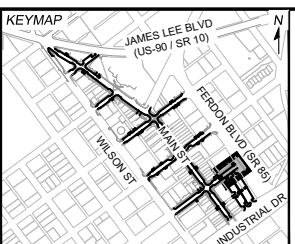


SEE SHEET GR07

No.	DATE	DESCRIPTION	BY
REVISIONS			

COMPUTER FILE MANAGEMENT	
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PLOT DATE:	SEPTEMBER 2023
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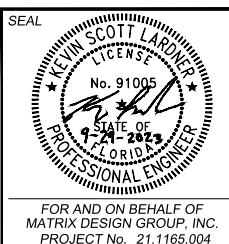


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**MAIN STREET IMPROVEMENTS**

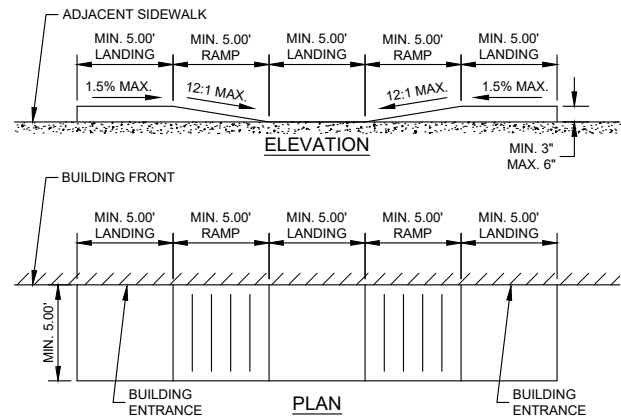
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**WOODRUFF AVENUE DETAILED GRADING PLAN 02**

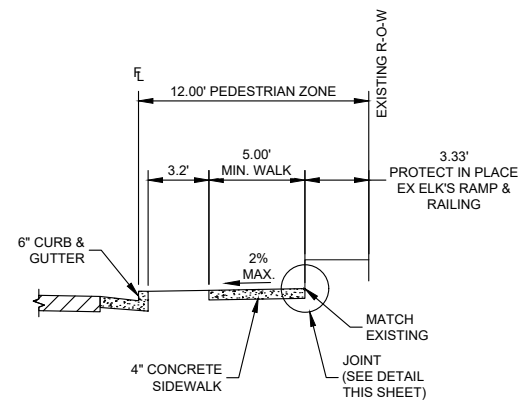
DESIGNED BY: ACR	SCALE: 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. GR16
DRAWN BY: ACR	HORIZ. N/A	SHEET 38 OF 99	
CHECKED BY: KSL	VERT. N/A		



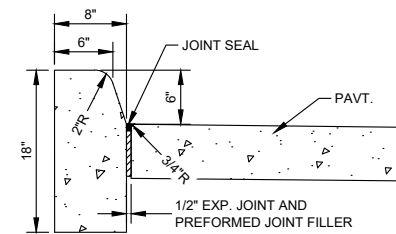
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**BUILDING ENTRANCE RAMP DETAIL**  
SCALE: 1" = 5'

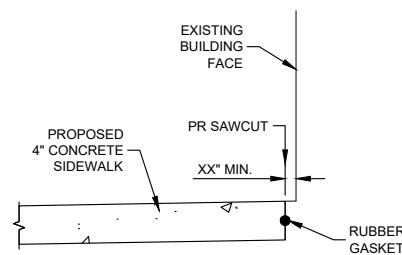


**EXISTING ELK'S RAMP DETAIL**  
(PINE AVENUE)  
SCALE: 1" = 5'

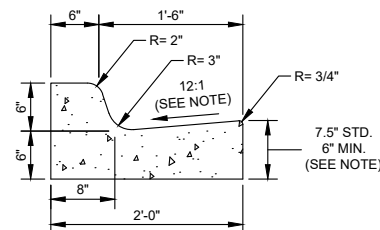


NOTE:  
FOR USE ADJACENT TO CONCRETE OR FLEXIBLE PAVEMENT, CONCRETE SHOWN. EXPANSION JOINT, PREFORMED JOINT FILLER AND JOINT SEAL ARE REQUIRED BETWEEN CURBS AND CONCRETE, SEE SHEET 2.

**FDOT TYPE D**  
**CONCRETE CURB DETAIL**  
N.T.S.

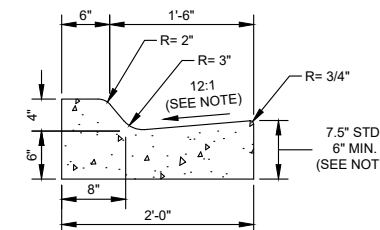


**JOINT DETAIL**  
N.T.S.



NOTE:  
WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT. THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON THE PLANS.

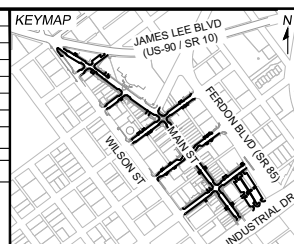
**FDOT TYPE F**  
**CURB & GUTTER DETAIL**  
N.T.S.



NOTE:  
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**FDOT TYPE F**  
**CURB & GUTTER DETAIL**  
**4" CURB HEAD**  
N.T.S.

No.	DATE	DESCRIPTION	BY
REVISIONS			
COMPUTER FILE MANAGEMENT			
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SEAL  
**KEVIN SCOTT LARDNER**  
No. 91005  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004

<b>MAIN STREET IMPROVEMENTS</b>			
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS			
<b>ROADWAY DETAILS</b>			
DESIGNED BY: ACR	SCALE:	DATE ISSUED: SEPTEMBER 2023	DRAWING No.
DRAWN BY: ACR	HORIZ. AS SHOWN:	SHEET 39 OF 99	DT01
CHECKED BY: KSL	VERT.:	N/A	



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**PAVEMENT MARKING LEGEND AND NOTES**

**A. TRAFFIC LANE PAVEMENT MARKINGS**

EPOXY PAVEMENT MARKING MATERIAL SHALL BE USED UNLESS OTHERWISE APPROVED BY THE CITY OF CRESTVIEW.

**ASPHALT ROADWAY SURFACE:** 5920  
INLAID PREFORMED PLASTIC TAPE SHALL BE USED FOR UNLESS OTHERWISE APPROVED BY THE CITY OF CRESTVIEW.

**CONCRETE ROADWAY SURFACE:**  
INLAID PREFORMED PLASTIC TAPE (CONTRAST) 5920  
PAVEMENT MARKING MATERIAL SHALL BE USED FOR UNLESS OTHERWISE APPROVED BY THE CITY OF CRESTVIEW.

- 1 6" DOUBLE YELLOW CENTERLINE WITH 4" SEPARATION
- 2 6" SKIP YELLOW CENTERLINE, 10' LINE, 30' GAP
- 3 6" SOLID YELLOW TWO WAY LEFT EDGE LINE
- 4 6" SOLID YELLOW WITH 4" SKIP YELLOW, 10' LINE, 30' GAP, AND 4" SEPARATION
- 5 6" SKIP WHITE LANE LINE, 10' LINE, 30' GAP
- 6 6" SOLID WHITE RIGHT EDGE LINE OR TURN LANE LINE
- 7 6" SOLID WHITE 45° DIAGONAL CROSSHATCH AT 15' SPACING
- 8 6" SOLID WHITE LINE - PARKING
- 9 8" SOLID WHITE RIGHT EDGE LINE OR TURN LANE LINE
- 10 8" DASHED WHITE LINE, 2' DASH WITH 4' GAP
- 20 8" DASHES THRU INTERSECTION WHEN SHOWN ON PLANS ARE 2' LONG LINES WITH 6' GAPS CENTERED IN EACH CROSS STREET TRAFFIC LANE

**B. CROSSWALK MARKINGS - MATERIAL SHALL BE REFLECTORIZED PREFORMED THERMO-PLASTIC (MIN. 90 MIL THICKNESS) FULL WIDTH WITHOUT SEAMS UNLESS OTHERWISE SPECIFIED**

- 15 12" WHITE TRAVERSE CROSSWALK LINE
- 16 24" WHITE STOP LINE, ONLY WHEN SHOWN ON PLANS
- 17 PAVEMENT MESSAGES ONLY WHEN SHOWN ON PLANS

**C. ANY FINAL PAVEMENT MARKING QUANTITIES SHALL INCLUDE REMOVAL OF ANY CONFLICTING, PREVIOUS OR DETOUR MARKINGS AS NECESSARY.**

**D. ALL OTHER PROVISIONS OF "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", STATE DEPARTMENT OF HIGHWAYS, STATE OF FLORIDA, CURRENT EDITION SHALL APPLY.**

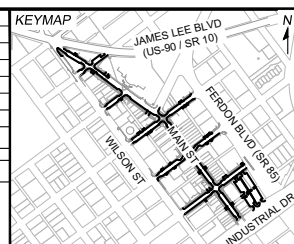
**E. ALL REMOVALS SHALL BE BY GRINDING, SANDBLASTING OR WATER BLASTING METHODS PROVIDED THAT THE PAVEMENT SURFACE SHALL NOT BE MATERIALLY DAMAGED. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT THEY SHALL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS.**

1. ALL EXISTING SIGNS SHOWN ON THE PLANS SHALL BE REMOVED AND REPLACED AS APPROPRIATE TO THE WORK UNLESS OTHERWISE NOTED.
2. ALL STRIPING AND SIGN LAYOUTS MUST BE APPROVED BY CITY OF CRESTVIEW PRIOR TO INSTALLATION.
3. ANY DISTURBED SIGNING OR STRIPING IS TO BE REPLACED IN KIND WHERE NOT SHOWN ON THE PLANS.
4. REFER TO FDOT STANDARD PLANS FOR PAVEMENT MARKINGS (711-001) FOR STRIPING DETAILS.
5. SEE LANDSCAPE/LIGHTING/UTILITY SHEETS FOR ALL STREET LIGHT AND PEDESTRIAN LIGHT LOCATIONS.
6. SEE FDOT STANDARD PLAN 700-010-1 FOR SIGN POST DETAILS.
7. SEE FDOT AND MUTCD STANDARDS FOR STREET NAME SIGN INSTALLATION DETAIL.

**STREET/TRAFFIC/PARKING SIGN SPECIFIC NOTES**

1. ALL WORK RELATED TO THE STREET/TRAFFIC/PARKING SIGNS SHOWN IN THIS PLAN SHALL BE PERFORMED BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ALL EXPENSES RELATED TO STREET SIGN INSTALLATION.

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
1165-P-Roads X-MDG22x34-TEP 210713 CVIEW EX-Survey 1165-P-Util LA-BASE LA-BASE-PLANTING				
<b>COMPUTER FILE MANAGEMENT</b>				
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEPISS01.DWG				
CTB FILE: MATRIX.CTB				
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The City Of  
**CRESTVIEW**  
FLORIDA

198 North Wilson Street  
Crestview, FL 32536  
Phone: 850-682-1560  
www.cityofcrestview.org

**PREPARED BY:**

**Matrix**  
Excellence by Design

320 Bayshore Drive, Suite B  
Niceville, FL 32578  
Phone: 850-279-4298  
www.matrixdesigngroup.com

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FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004

**MAIN STREET IMPROVEMENTS**

CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

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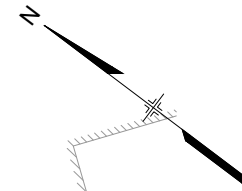
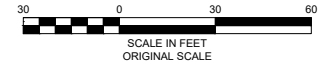
**SIGNING & PAVEMENT MARKING NOTES**

DESIGNED BY: ACR	SCALE:	DATE ISSUED: SEPTEMBER 2023	DRAWING No. SSGN
DRAWN BY: ACR	HORIZ: N/A		
CHECKED BY: KSL	VERT: N/A	SHEET 40 OF 99	





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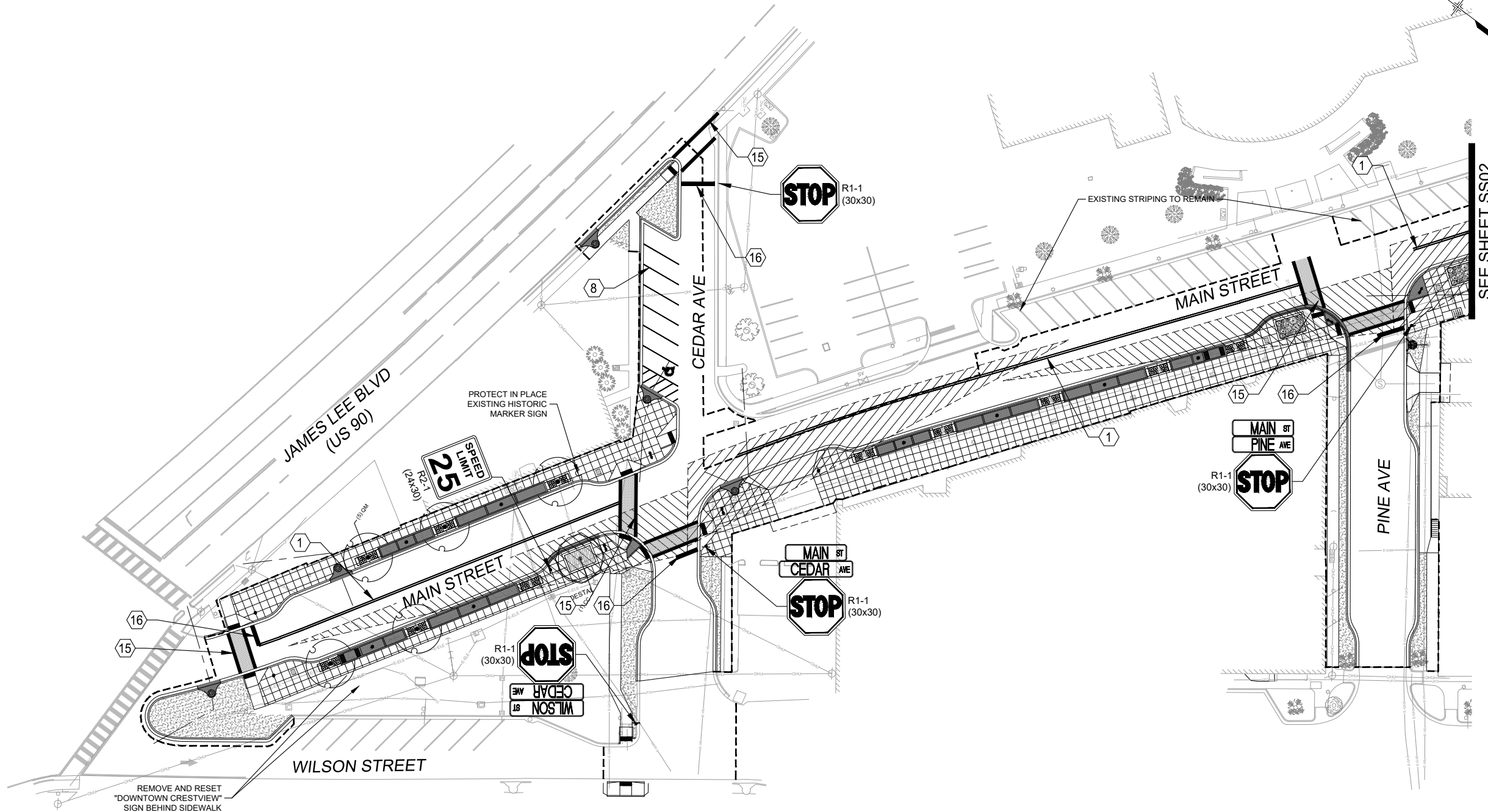


**NOTES:**

1. ALL EXISTING SIGNS SHOWN ON THE PLANS SHALL BE REMOVED AND REPLACED AS APPROPRIATE TO THE WORK UNLESS OTHERWISE NOTED.
2. ALL STRIPING WITHIN PROJECT LIMITS TO BE REMOVED AND REPLACED UNLESS OTHERWISE NOTED.
3. SEE SHEET SS01 FOR DETAILS.
4. CLEAR VISIBILITY TRIANGLE RESTRICTIONS: CLEAR VISIBILITY TRIANGLES SHALL BE FORMED AS SPECIFIED IN THE "FLORIDA GREENBOOK". NOTHING SHALL BE ERECTED, PLACED, PARKED PLANTED OR ALLOWED TO GROW WITHIN THE CLEAR VISIBILITY TRIANGLE THAT WOULD IMPEDE VISION BETWEEN A HEIGHT OF TWO FEET AND TEN FEET ABOVE GRADE, MEASURED AT THE CENTERLINE OF THE INTERSECTION.

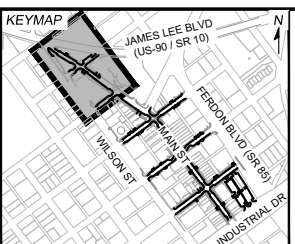
**LEGEND**

- AASHTO STOPPING SIGHT TRIANGLE - LEVEL ROAD 30MPH DESIGN SPEED = 200'



SEE SHEET SS02

REFERENCE DRAWINGS			
No.	DATE	DESCRIPTION	BY
1165-P-Roads X-MDG22x34-TEP 210713 CVIEW EX-Survey 1165-P-UM LA-BASE LA-BASE-PLANTING			
COMPUTER FILE MANAGEMENT			
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEP\SS01.DWG			
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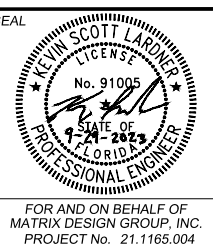


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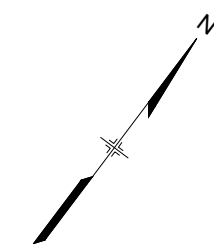
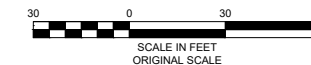
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**SIGNING & PAVEMENT MARKING PLAN 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. SS01
DRAWN BY: ACR	VERT. N/A	SHEET 41 OF 99	
CHECKED BY: KSL			



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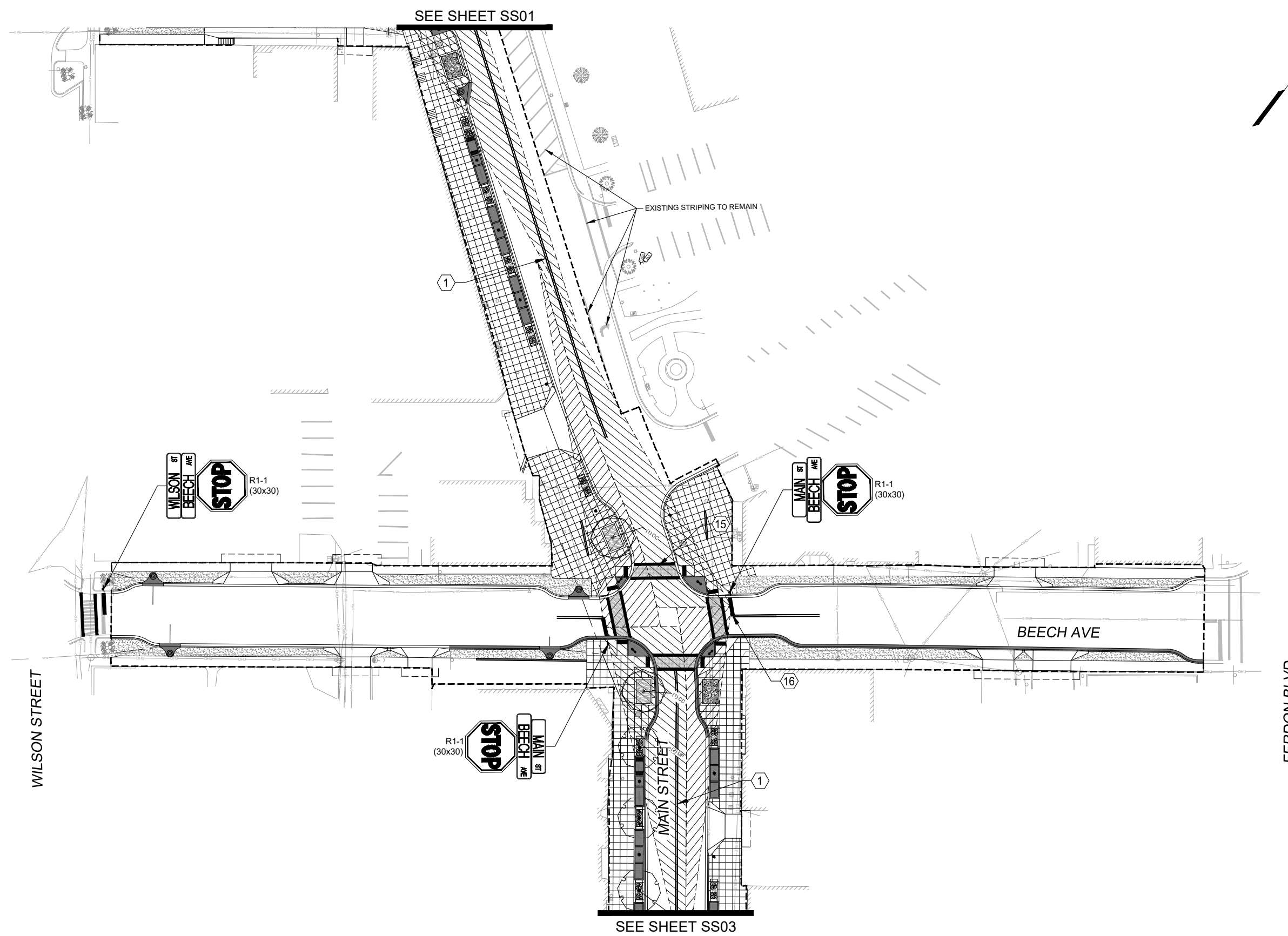


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**LEGEND**

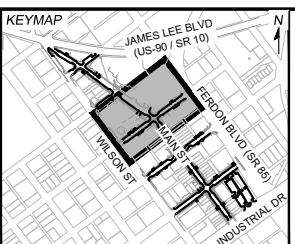
AASHTO STOPPING SIGHT TRIANGLE - LEVEL ROAD  
30MPH DESIGN SPEED = 200'



SEE SHEET SS01

SEE SHEET SS03

No.	DATE	DESCRIPTION	BY
REVISIONS			
COMPUTER FILE MANAGEMENT			
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEPISS01.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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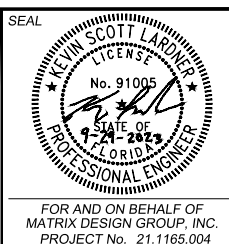


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**MAIN STREET IMPROVEMENTS**

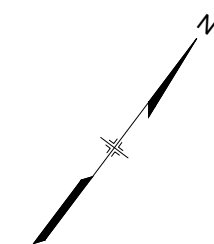
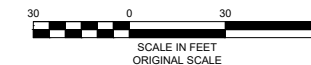
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**SIGNING & PAVEMENT MARKING PLAN 02**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. SS02
DRAWN BY: ACR	VERT. N/A	SHEET 42 OF 99	
CHECKED BY: KSL			

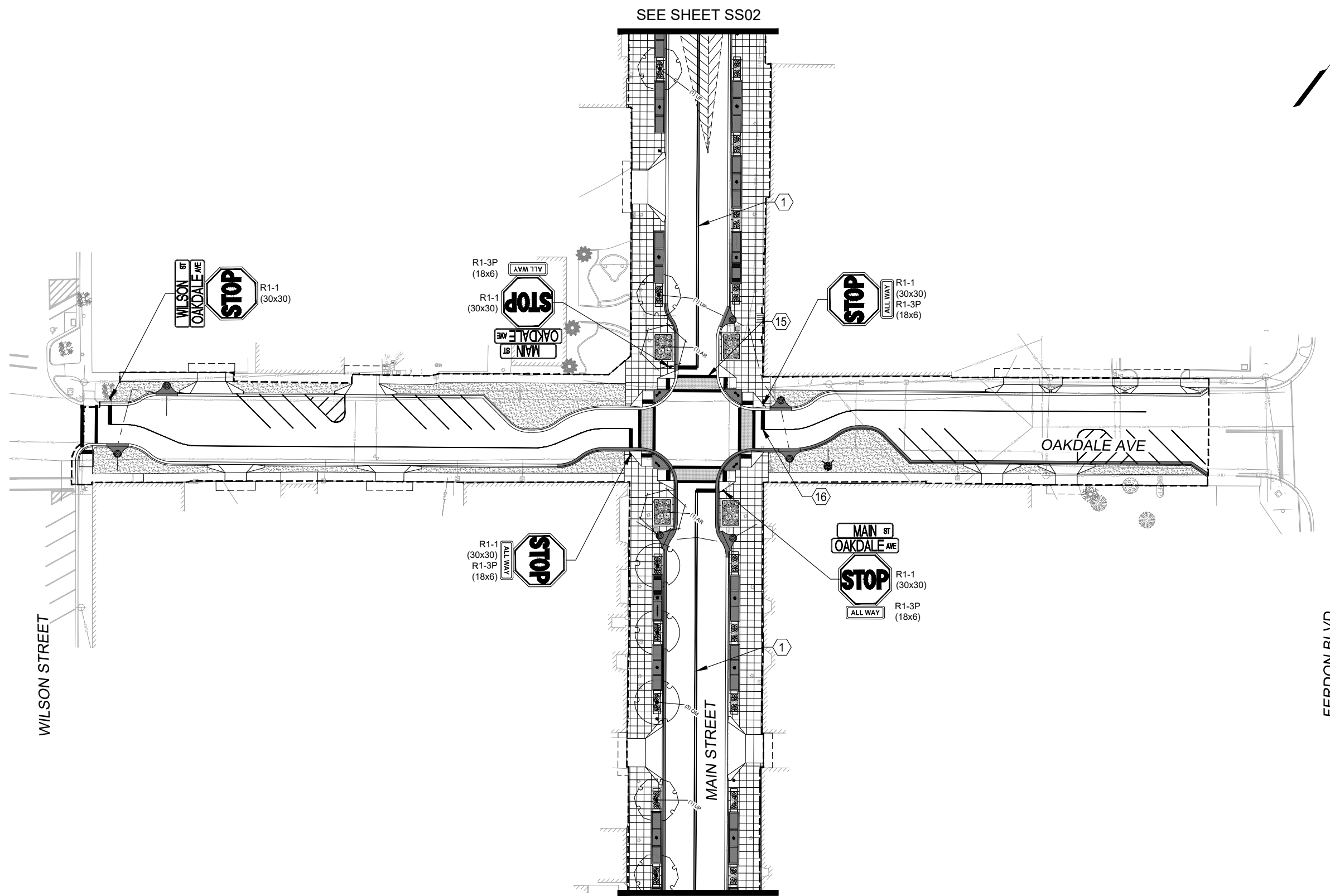


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SEE SHEET SS02

SEE SHEET SS04



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3. SEE SHEET SS01 FOR DETAILS.
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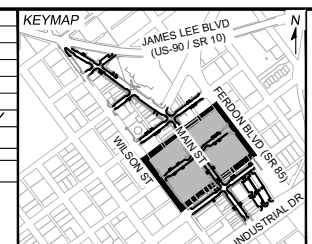
**LEGEND**

- AASHTO STOPPING SIGHT TRIANGLE - LEVEL ROAD 30MPH DESIGN SPEED = 200'

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
1165-P-Roads				
X-MDG22x34-TEP				
210713 CVIEW EX-Survey				
1165-P-UMI				
LA-BASE				
LA-BASE-PLANTING				

COMPUTER FILE MANAGEMENT				
FILE NAME:	R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEP\SS01.DWG			
CTB FILE:	MATRIX.CTB			
PLOT DATE:	SEPTEMBER 2023			
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PROJECT No. 21.1165.004

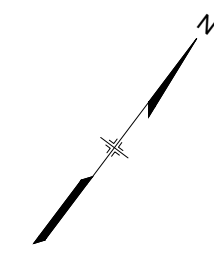
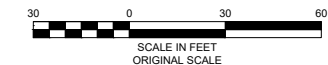
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**SIGNING & PAVEMENT MARKING PLAN 03**

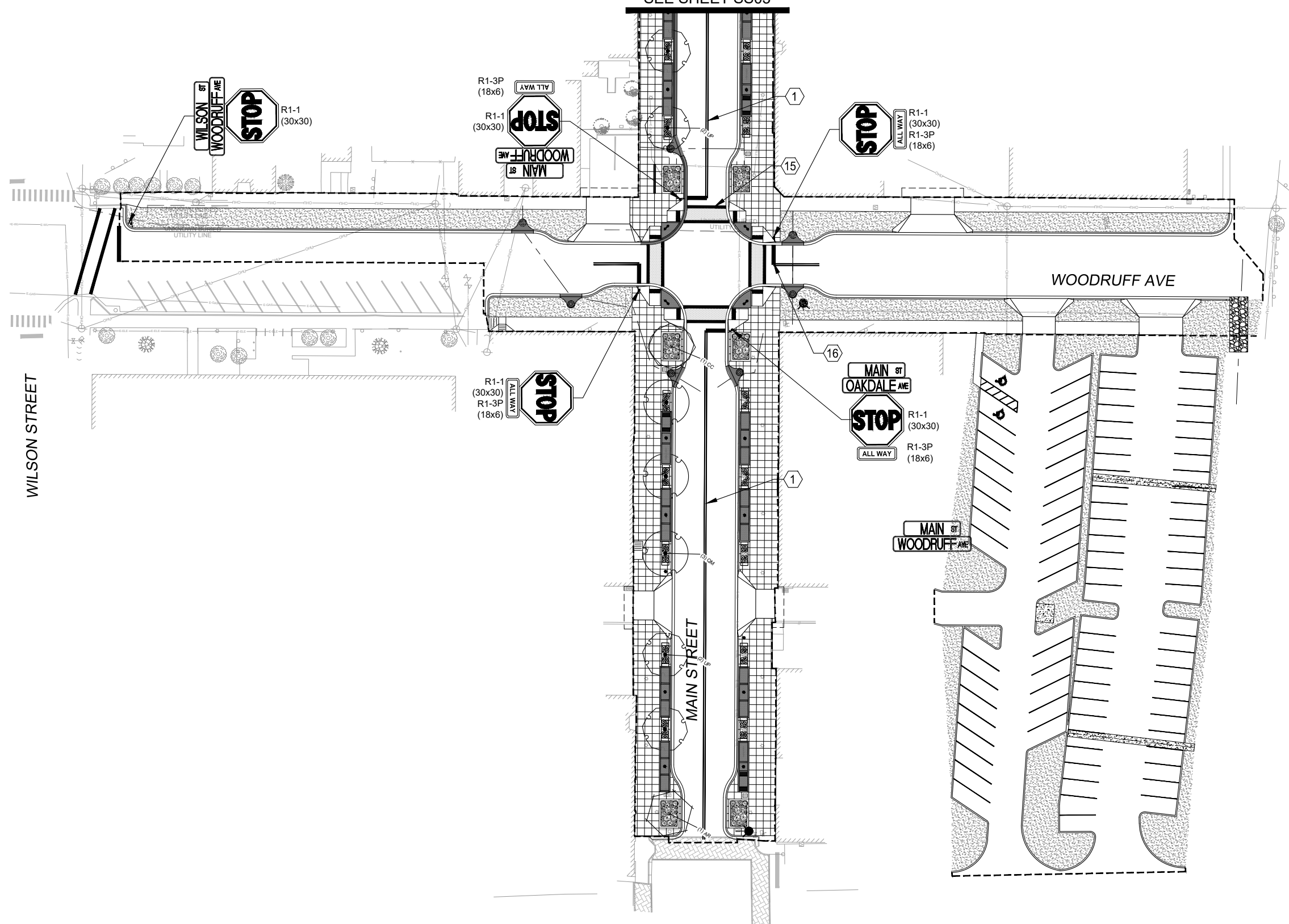
DESIGNED BY:	ACR	SCALE:	DATE ISSUED:	SEPTEMBER 2023	DRAWING No.
DRAWN BY:	ACR	HORIZ 1" = 30'	SHEET	43 OF 99	SS03
CHECKED BY:	KSL	VERT. N/A			



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NOTES:

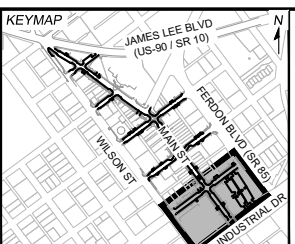
1. ALL EXISTING SIGNS SHOWN ON THE PLANS SHALL BE REMOVED AND REPLACED AS APPROPRIATE TO THE WORK UNLESS OTHERWISE NOTED.
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LEGEND



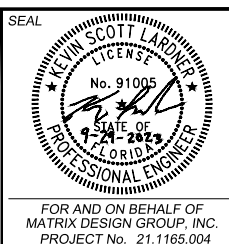
INDUSTRIAL DRIVE

REFERENCE DRAWINGS			
No.	DATE	DESCRIPTION	BY
1165-P-Roads X-MDG22x34-TEP 210713 CVIEW EX-Survey 1165-P-UM LA-BASE LA-BASE-PLANTING			
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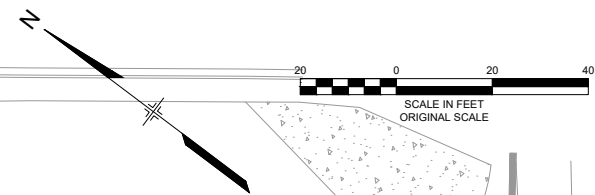


MAIN STREET IMPROVEMENTS			
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS			
SIGNING & PAVEMENT MARKING PLAN 04			
DESIGNED BY: ACR	SCALE: 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. SS04
DRAWN BY: ACR	HORIZ: N/A	SHEET 44 OF 99	
CHECKED BY: KSL	VERT: N/A		



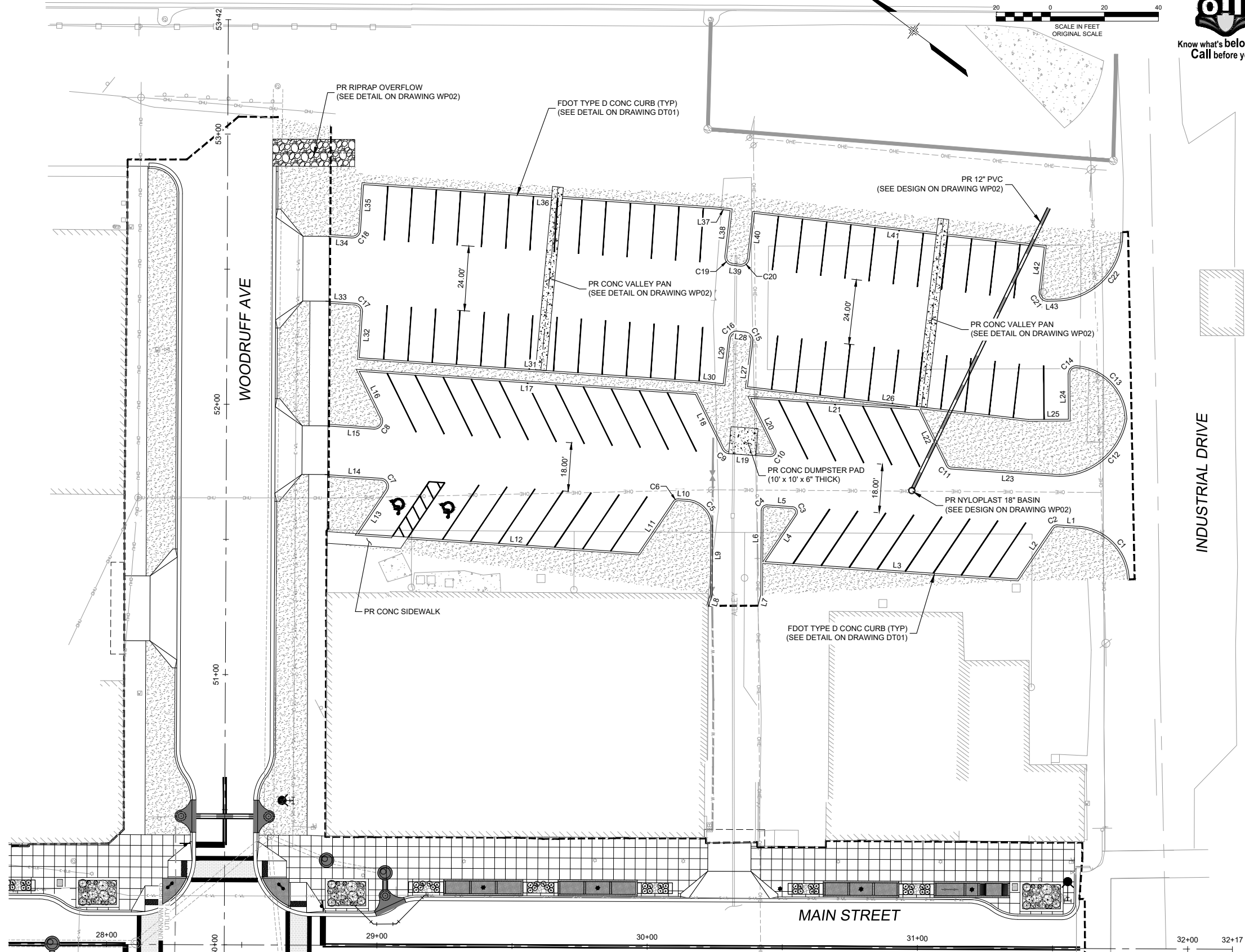
Know what's below.  
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Line #	Length	Direction
L1	8.28	N33° 09' 30.89"W
L2	23.10	S86° 56' 29.74"W
L3	93.53	S33° 03' 40.61"E
L4	20.78	S86° 56' 29.74"W
L5	9.41	S33° 04' 11.67"E
L6	31.28	S53° 18' 31.12"W
L7	4.17	S67° 23' 04.32"W
L8	4.35	S70° 29' 22.60"W
L9	25.15	S53° 18' 31.12"W
L10	3.34	N33° 03' 30.26"W
L11	23.09	S86° 56' 29.74"W
L12	103.92	N33° 03' 30.26"W
L13	19.05	S86° 56' 29.74"W
L14	20.78	S33° 03' 30.26"E
L15	17.54	S33° 03' 30.26"E
L16	19.02	N26° 56' 29.74"E
L17	124.71	N33° 03' 30.26"W
L18	22.54	N26° 54' 21.69"E
L19	15.40	S33° 06' 03.17"E
L20	20.78	N26° 56' 29.74"E
L21	62.35	S33° 03' 30.26"E
L22	23.10	N26° 56' 29.74"E
L23	40.29	N33° 04' 24.18"W
L24	16.78	S52° 40' 22.83"W
L25	14.76	S37° 19' 37.17"E
L26	104.70	S30° 20' 42.81"E
L27	17.00	N59° 39' 17.19"E
L28	3.00	N30° 20' 42.81"W
L29	17.00	N59° 39' 17.19"E
L30	8.58	S30° 20' 42.81"E
L31	126.43	N33° 03' 30.26"W
L32	17.00	N56° 56' 29.74"E
L33	10.85	N33° 03' 30.26"W
L34	8.83	N33° 03' 30.26"W
L35	17.00	N56° 56' 29.74"E
L36	130.74	N33° 03' 30.26"W
L37	5.22	S30° 20' 42.81"E
L38	17.00	N59° 39' 17.19"E
L39	3.00	N30° 20' 42.81"W
L40	17.00	N59° 39' 17.19"E
L41	108.00	S30° 20' 42.81"E
L42	16.77	N59° 39' 17.19"E
L43	3.45	S38° 15' 16.93"E

Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C1	29.45	20.26	83.29	N9° 42' 32"E	26.92
C2	2.09	2.00	59.90	N63° 06' 31"W	2.00
C3	4.19	2.00	120.01	N26° 56' 09"E	3.46
C4	3.27	2.00	93.62	N79° 52' 50"W	2.92
C5	15.07	10.00	86.37	N10° 07' 30"E	13.69
C6	2.09	2.00	60.00	N63° 03' 30"W	2.00
C7	6.28	3.00	120.00	N26° 56' 30"E	5.20
C8	6.28	3.00	120.00	N86° 56' 30"E	5.20
C9	3.03	3.00	57.93	S2° 01' 18"E	2.91
C10	4.19	2.00	120.01	N86° 56' 51"E	3.46
C11	2.09	2.00	60.01	S3° 03' 57"E	2.00
C12	35.65	25.46	80.21	S77° 35' 02"E	32.81
C13	29.45	20.26	83.29	N9° 42' 32"E	26.92
C14	4.99	3.00	95.39	N79° 37' 58"W	4.44
C15	4.71	3.00	90.00	N14° 39' 17"E	4.24
C16	4.71	3.00	90.00	N75° 20' 43"W	4.24
C17	4.71	3.00	90.00	N11° 56' 30"E	4.24
C18	4.71	3.00	90.00	S78° 03' 30"E	4.24
C19	4.71	3.00	90.00	S14° 39' 17"W	4.24
C20	4.71	3.00	90.00	S75° 20' 43"E	4.24
C21	5.13	3.00	97.91	S10° 42' 00"W	4.53
C22	39.25	25.00	89.97	S83° 14' 14"E	35.34



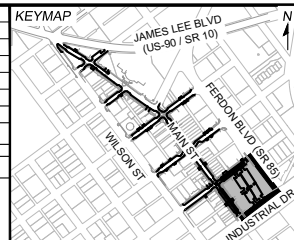
NOTES:

- ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- FOR ROADWAY INFORMATION, SEE ROADWAY REMOVAL AND RESET PLANS, SHEETS RM01-04.

REFERENCE DRAWINGS	DATE	DESCRIPTION	BY
1165-P-Roads			
X-MDG22x34-TEP			
210713 CVIEW EX-Survey			
1165-P-Util			
LA-BASE			
Woodruff Parking_EX-Survey			
LA-BASE-PLANTING			
DT01			

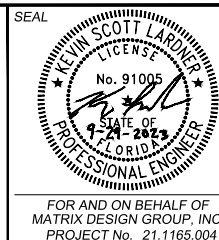
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MAIN STREET IMPROVEMENTS

CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

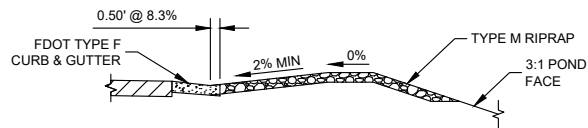
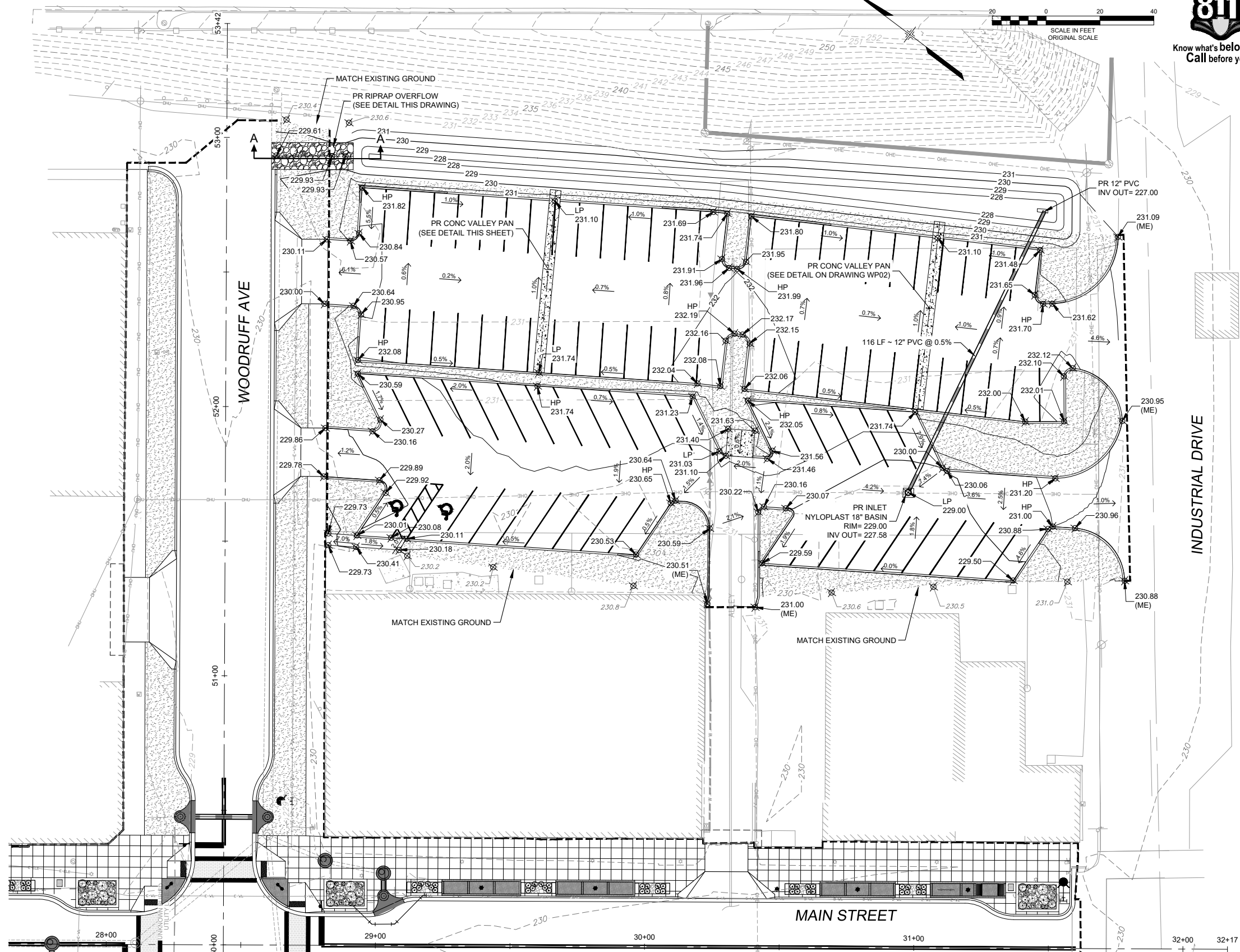
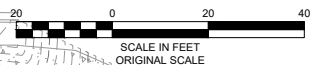
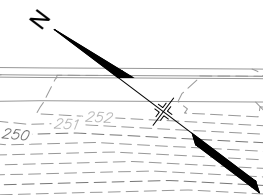
WOODRUFF PARKING LOT - SITE PLAN

DESIGNED BY: ACR	SCALE: HORIZ 1" = 20'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. WP01
CHECKED BY: KSL	VERT. N/A	SHEET 45 OF 99	

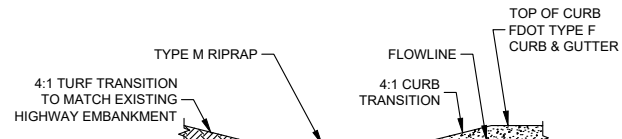


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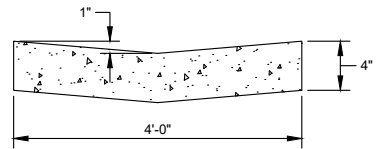


SECTION A-A



ELEVATION

**WOODRUFF PARKING LOT POND OVERFLOW DETAIL**  
SCALE: N.T.S.



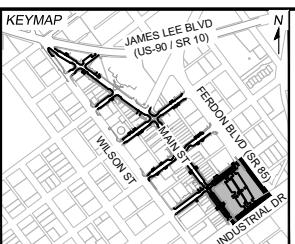
**CONCRETE VALLEY PAN DETAIL**  
SCALE: N.T.S.

**NOTE:**  
1. ALL ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE SPECIFIED.

REFERENCE DRAWINGS	DATE	DESCRIPTION REVISIONS	BY
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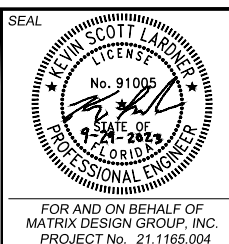
  

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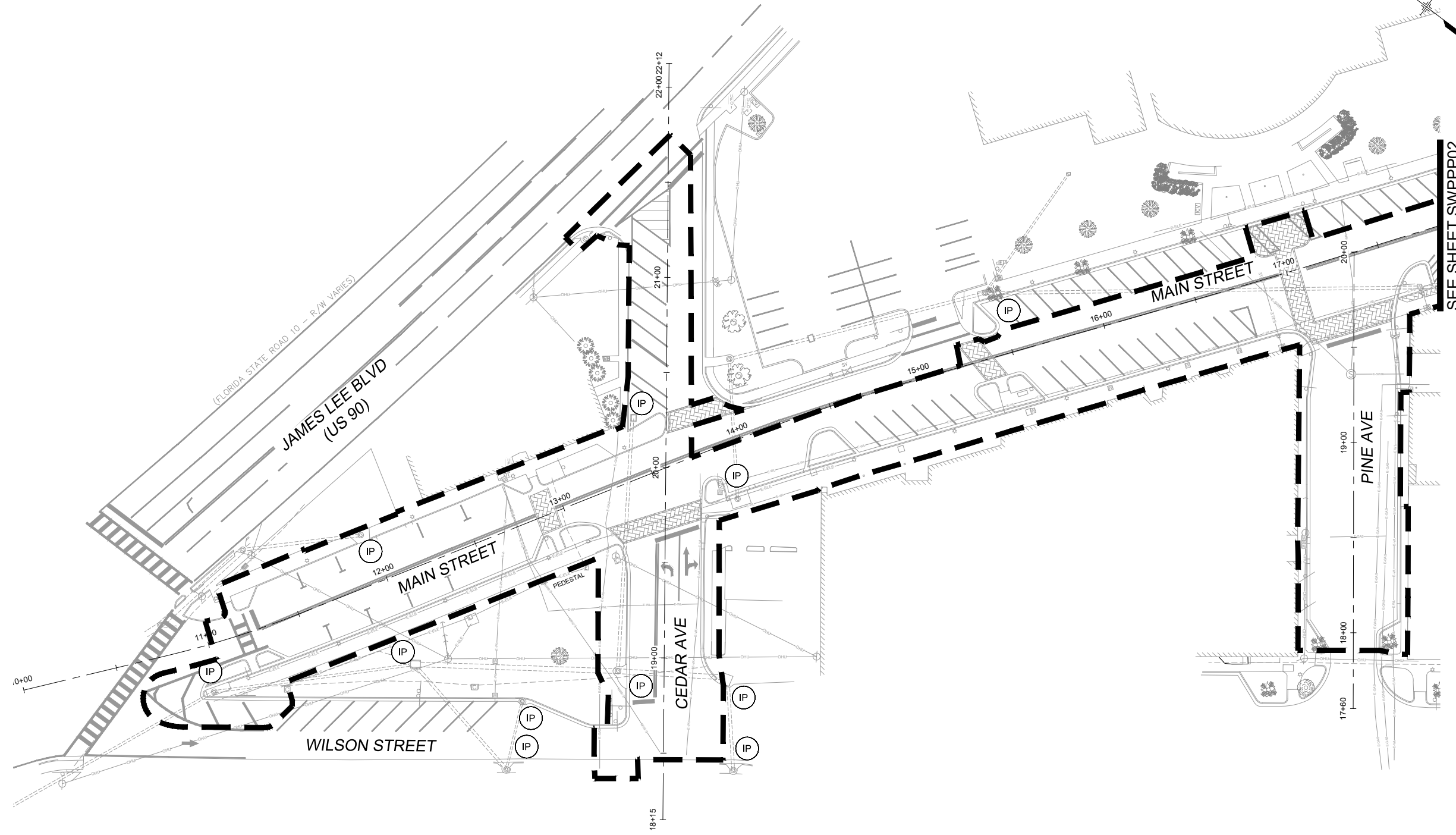
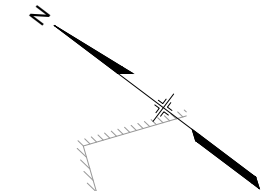
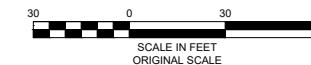
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CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS			
<b>WOODRUFF PARKING LOT - GRADING PLAN</b>			
DESIGNED BY:	ACR	SCALE:	DATE ISSUED:
DRAWN BY:	ACR	HORIZ 1" = 20'	SEPTEMBER 2023
CHECKED BY:	KSL	VERT. N/A	SHEET 46 OF 99
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC. PROJECT No. 21.1165.004			DRAWING No. <b>WP02</b>



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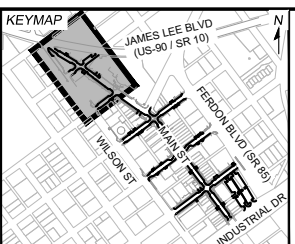
**NOTES:**

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**LEGEND:**

- CONSTRUCTION FENCING
- SILT FENCING
- LIMITS OF CONSTRUCTION (SHOWN 10' OFFSET FOR CLARITY)
- INLET PROTECTION
- ROCK SOCK
- STOCKPILE MANAGEMENT
- CONCRETE WASHOUT AREA
- STABILIZED STAGING AREA
- SEDIMENT TRACKING PROTECTION DEVICE

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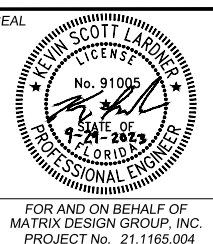


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ENGINEERING PLANS

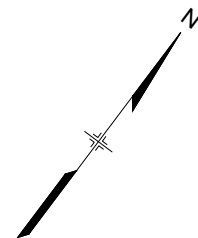
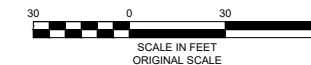
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**STORM WATER POLLUTION PREVENTION PLAN  
INITIAL PLAN 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. SWPPP01
CHECKED BY: KSL	VERT. N/A	SHEET 47 OF 99	



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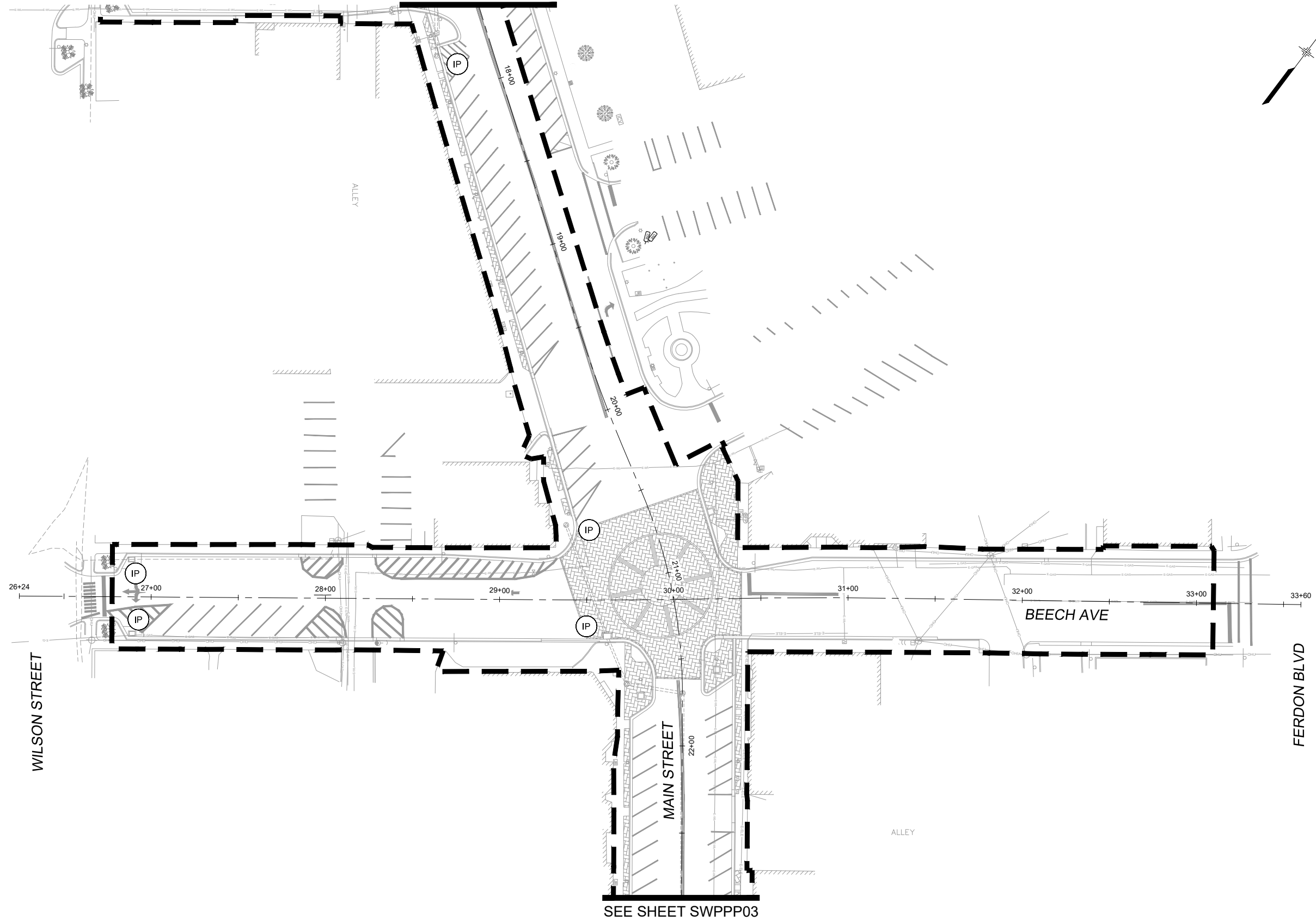
SEE SHEET SWPPP03

**NOTES:**

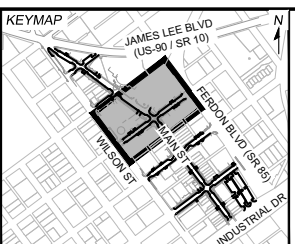
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**LEGEND:**

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- SILT FENCING
- LIMITS OF CONSTRUCTION (SHOWN 10' OFFSET FOR CLARITY)
- INLET PROTECTION
- ROCK SOCK
- STOCKPILE MANAGEMENT
- CONCRETE WASHOUT AREA
- STABILIZED STAGING AREA
- SEDIMENT TRACKING PROTECTION DEVICE



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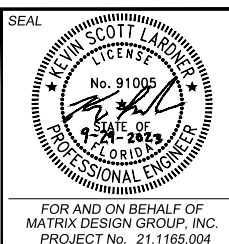


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ENGINEERING PLANS

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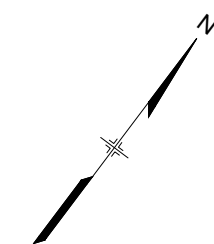
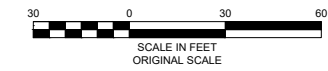
**STORM WATER POLLUTION PREVENTION PLAN  
INITIAL PLAN 02**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. SWPPP02
DRAWN BY: ACR	VERT. N/A	SHEET 48 OF 99	
CHECKED BY: KSL			



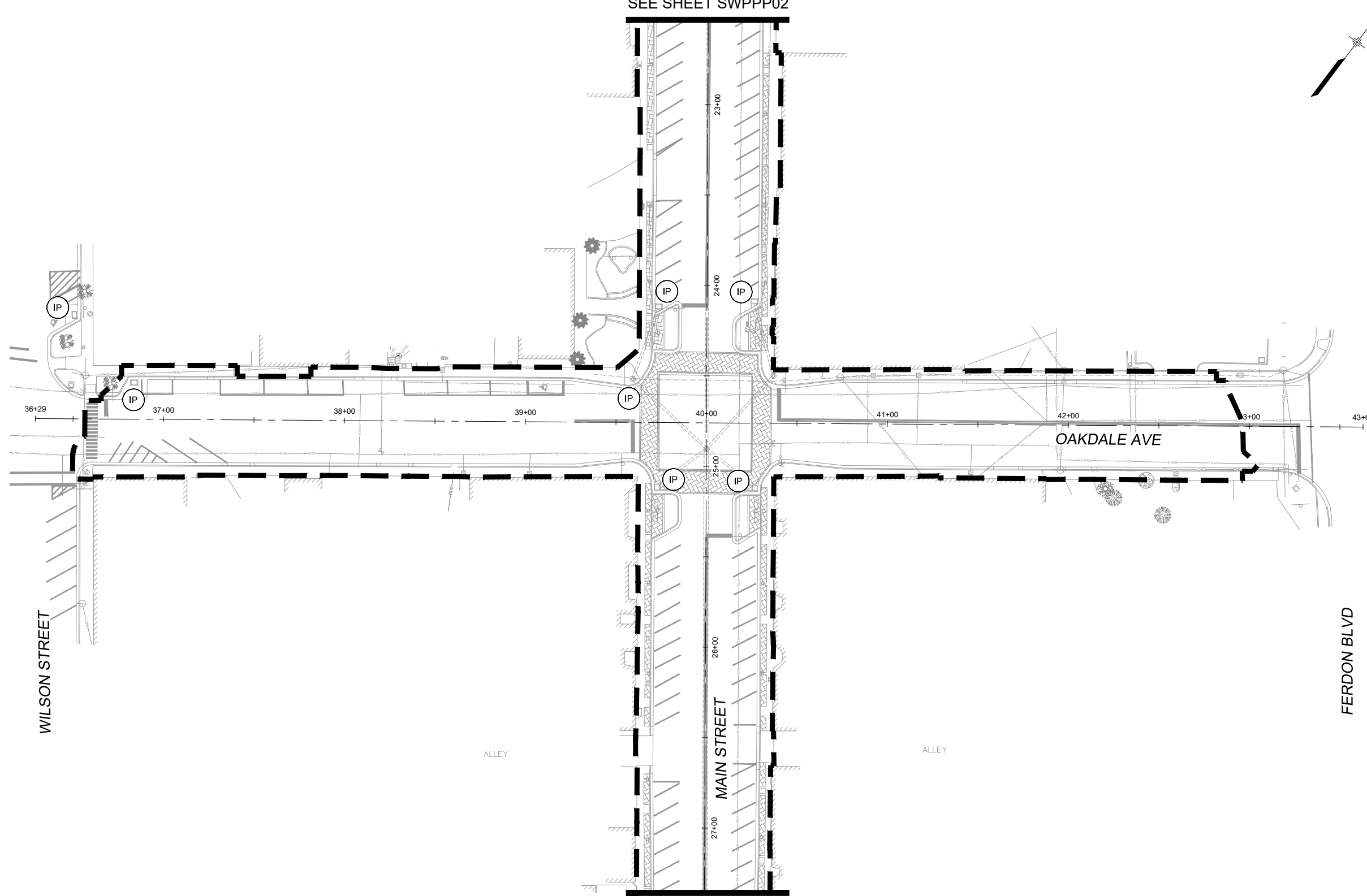


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SEE SHEET SWPPP04



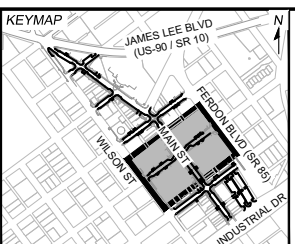
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- SILT FENCING
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- STOCKPILE MANAGEMENT
- CONCRETE WASHOUT AREA
- STABILIZED STAGING AREA
- SEDIMENT TRACKING PROTECTION DEVICE

REFERENCE DRAWINGS			
No.	DATE	DESCRIPTION REVISIONS	BY
<p>1165-P-Roads X-MDG22x34-TEP 210713 CVIEW EX-Survey 1165-P-U/I 1165-P-SWPPP</p>			
COMPUTER FILE MANAGEMENT			
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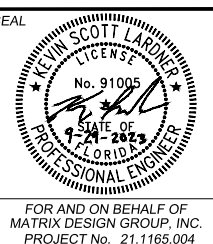


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ENGINEERING PLANS

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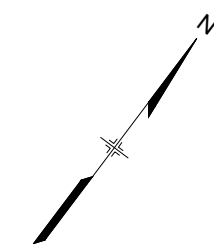
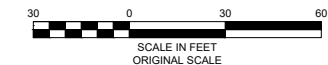
**STORM WATER POLLUTION PREVENTION PLAN  
INITIAL PLAN 03**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No.
DRAWN BY: ACR	VERT. N/A	SHEET 49 OF 99	SWPPP03
CHECKED BY: KSL			

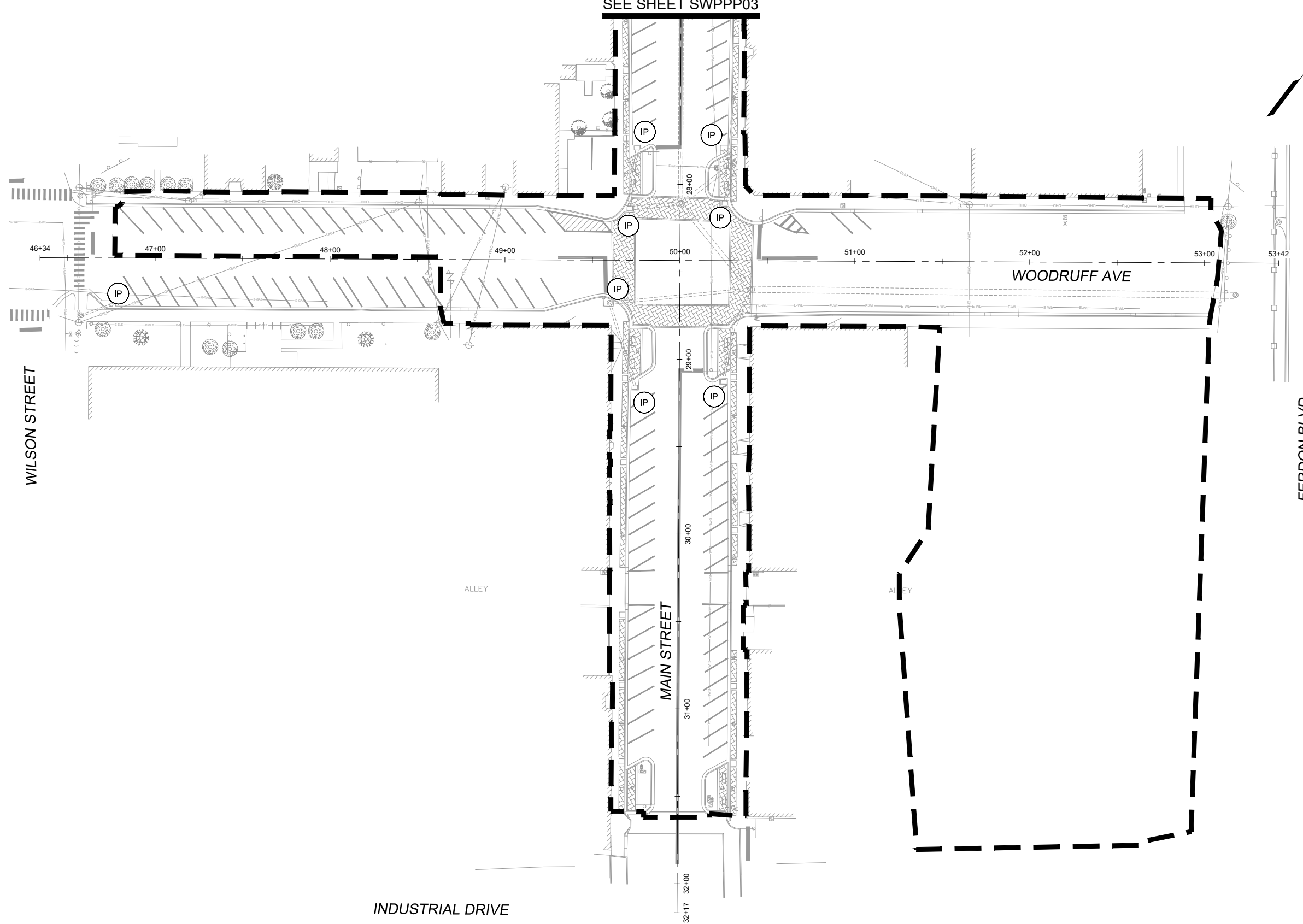
FOR AND ON BEHALF OF  
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PROJECT No. 21.1165.004



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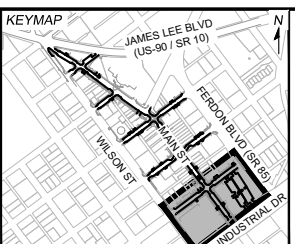
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**LEGEND:**

- (CF) CONSTRUCTION FENCING
- (SF) SILT FENCING
- (LOC) LIMITS OF CONSTRUCTION (SHOWN 10' OFFSET FOR CLARITY)
- (IP) INLET PROTECTION
- (RS) ROCK SOCK
- (SP) STOCKPILE MANAGEMENT
- (CWA) CONCRETE WASHOUT AREA
- (SSA) STABILIZED STAGING AREA
- (STP) SEDIMENT TRACKING PROTECTION DEVICE

INDUSTRIAL DRIVE

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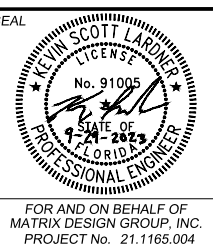


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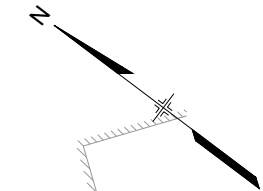
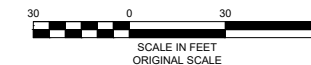
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**STORM WATER POLLUTION PREVENTION PLAN**  
INITIAL PLAN 04

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. SWPPP04
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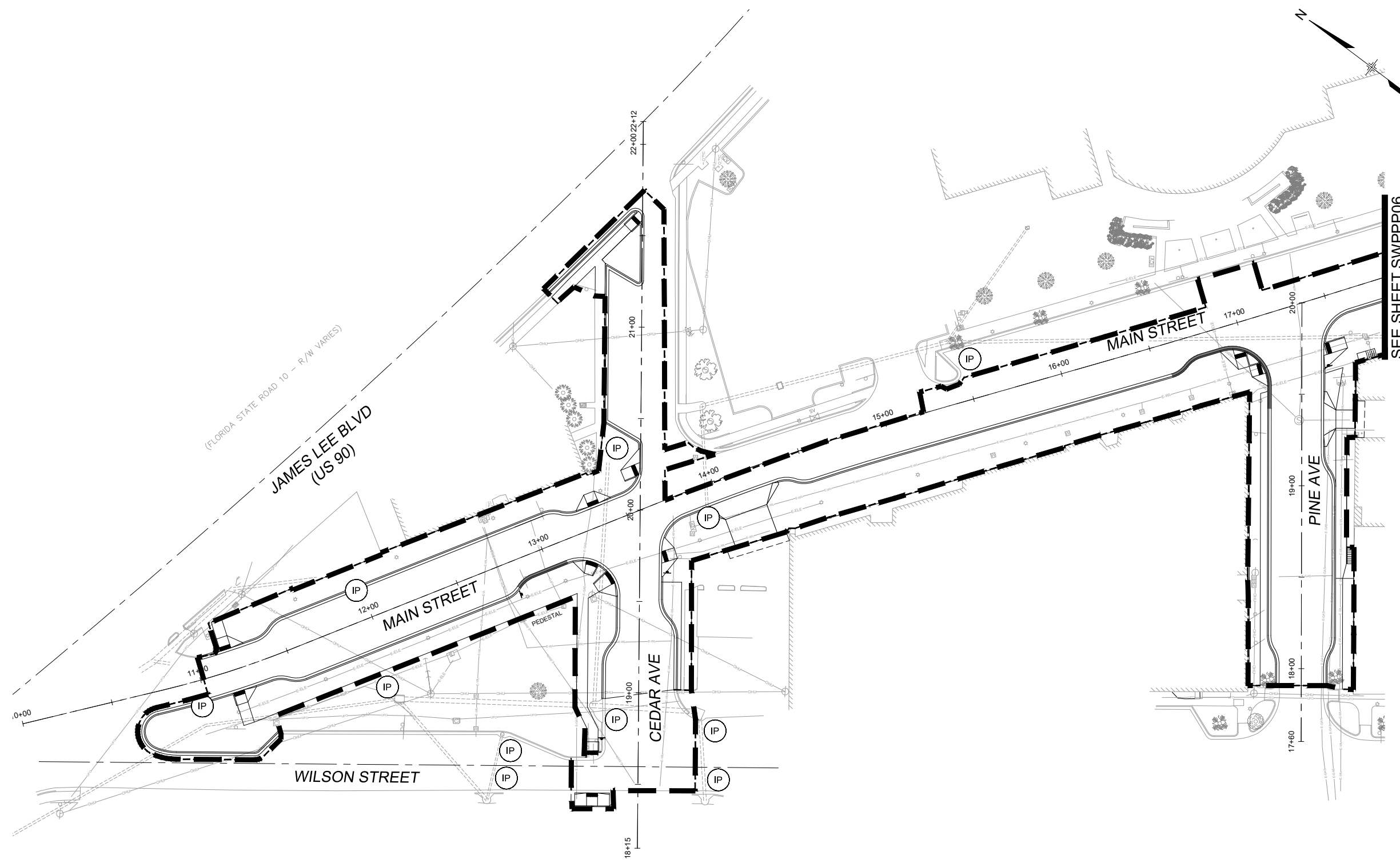


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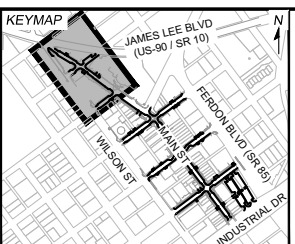
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- CONSTRUCTION FENCING
- SILT FENCING
- LIMITS OF CONSTRUCTION (SHOWN 10' OFFSET FOR CLARITY)
- INLET PROTECTION
- ROCK SOCK
- STOCKPILE MANAGEMENT
- CONCRETE WASHOUT AREA
- STABILIZED STAGING AREA
- SEDIMENT TRACKING PROTECTION DEVICE



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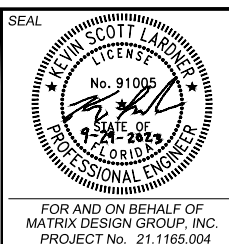


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CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

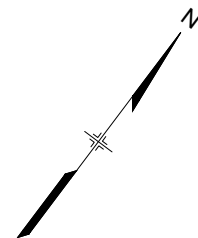
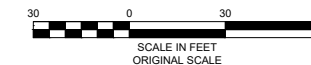
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**STORM WATER POLLUTION PREVENTION PLAN  
INTERIM PLAN 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. SWPPP05
CHECKED BY: KSL	VERT. N/A	SHEET 51 OF 99	

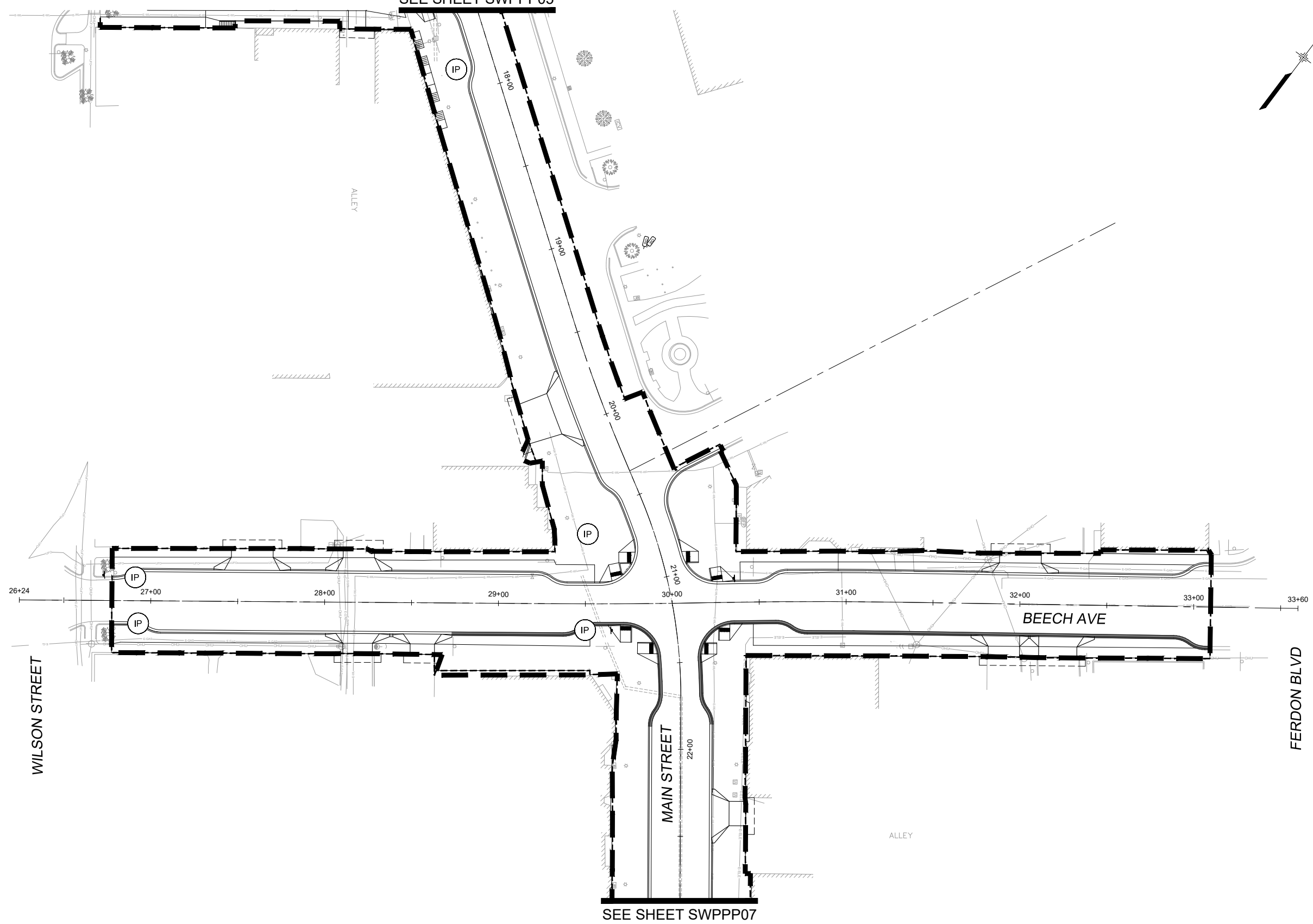


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SEE SHEET SWPPP07



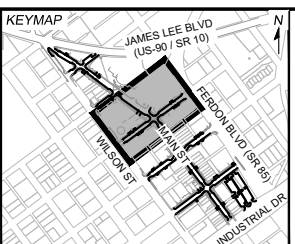
**NOTES:**

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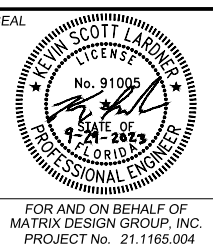
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- SILT FENCING
- LIMITS OF CONSTRUCTION (SHOWN 10' OFFSET FOR CLARITY)
- INLET PROTECTION
- ROCK SOCK
- STOCKPILE MANAGEMENT
- CONCRETE WASHOUT AREA
- STABILIZED STAGING AREA
- SEDIMENT TRACKING PROTECTION DEVICE

No.	DATE	DESCRIPTION REVISIONS	BY
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FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEP\SWPPP02.DWG			
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ENGINEERING PLANS

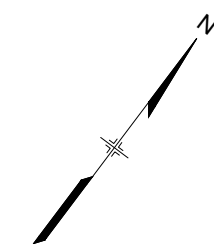
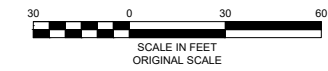
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**STORM WATER POLLUTION PREVENTION PLAN  
INTERIM PLAN 02**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. SWPPP06
CHECKED BY: KSL	VERT. N/A	SHEET 52 OF 99	

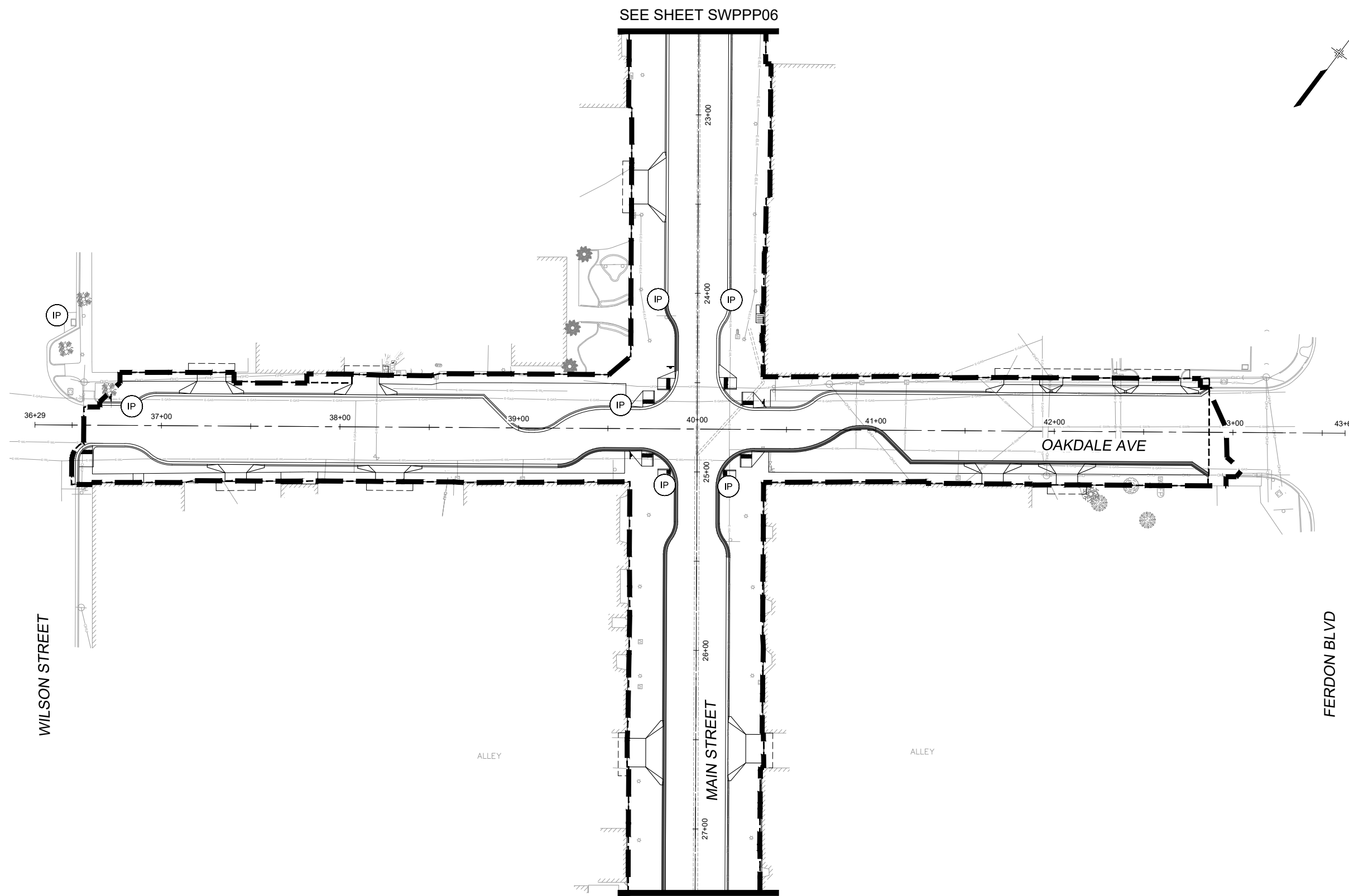


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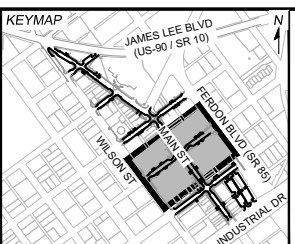
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**LEGEND:**

- CF CONSTRUCTION FENCING
- SF SILT FENCING
- LOC LIMITS OF CONSTRUCTION (SHOWN 10' OFFSET FOR CLARITY)
- IP INLET PROTECTION
- RS ROCK SOCK
- SP STOCKPILE MANAGEMENT
- CWA CONCRETE WASHOUT AREA
- SSA STABILIZED STAGING AREA
- STP SEDIMENT TRACKING PROTECTION DEVICE

REFERENCE DRAWINGS			
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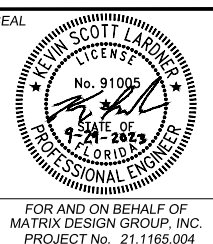


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CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
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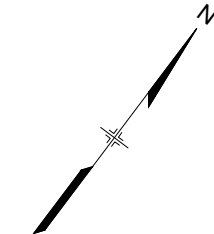
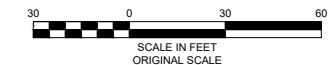
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**STORM WATER POLLUTION PREVENTION PLAN  
INTERIM PLAN 03**

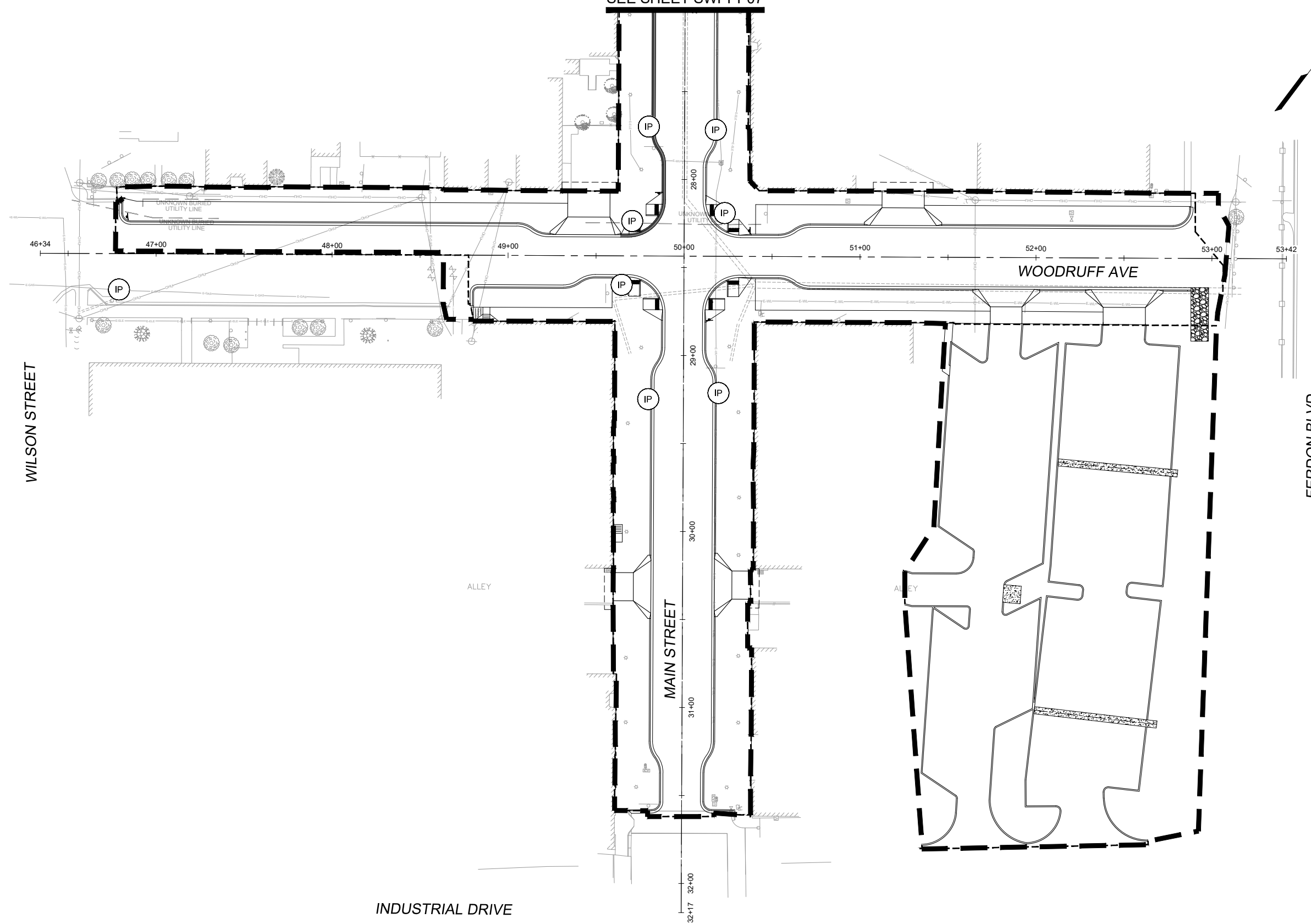
DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No.
CHECKED BY: KSL	VERT. N/A	SHEET 53 OF 99	SWPPP07



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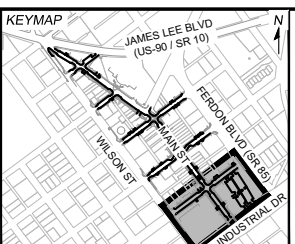
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- SILT FENCING
- LIMITS OF CONSTRUCTION (SHOWN 10' OFFSET FOR CLARITY)
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- STOCKPILE MANAGEMENT
- CONCRETE WASHOUT AREA
- STABILIZED STAGING AREA
- SEDIMENT TRACKING PROTECTION DEVICE

INDUSTRIAL DRIVE

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
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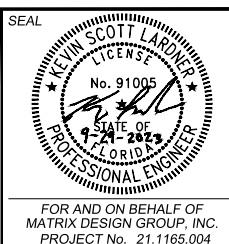
  

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CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

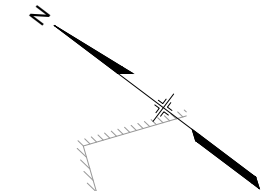
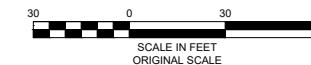
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**STORM WATER POLLUTION PREVENTION PLAN  
INTERIM PLAN 04**

DESIGNED BY:	ACR	SCALE:	HORIZ 1" = 30'	DATE ISSUED:	SEPTEMBER 2023	DRAWING No.	
DRAWN BY:	ACR	VERT.	N/A	SHEET	54 OF 99		
CHECKED BY:	KSL						<b>SWPPP08</b>



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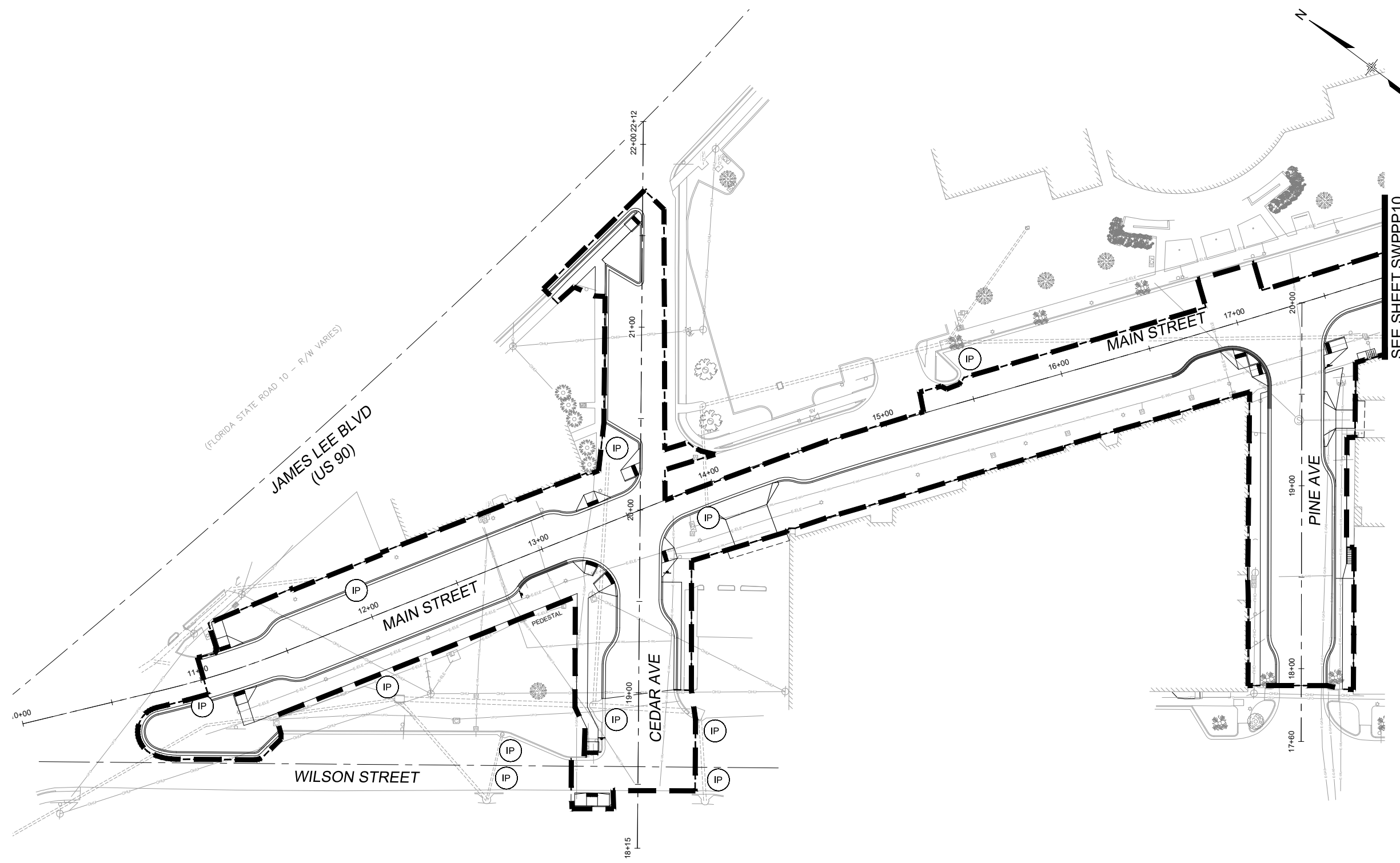


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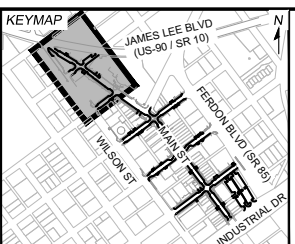
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- CONSTRUCTION FENCING
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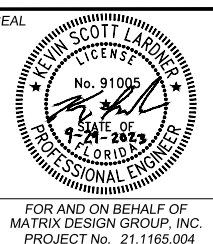


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ENGINEERING PLANS

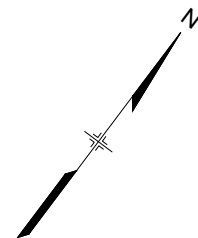
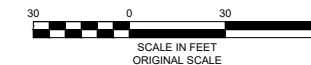
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**STORM WATER POLLUTION PREVENTION PLAN  
FINAL PLAN 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. SWPPP09
CHECKED BY: KSL	VERT. N/A	SHEET 55 OF 99	

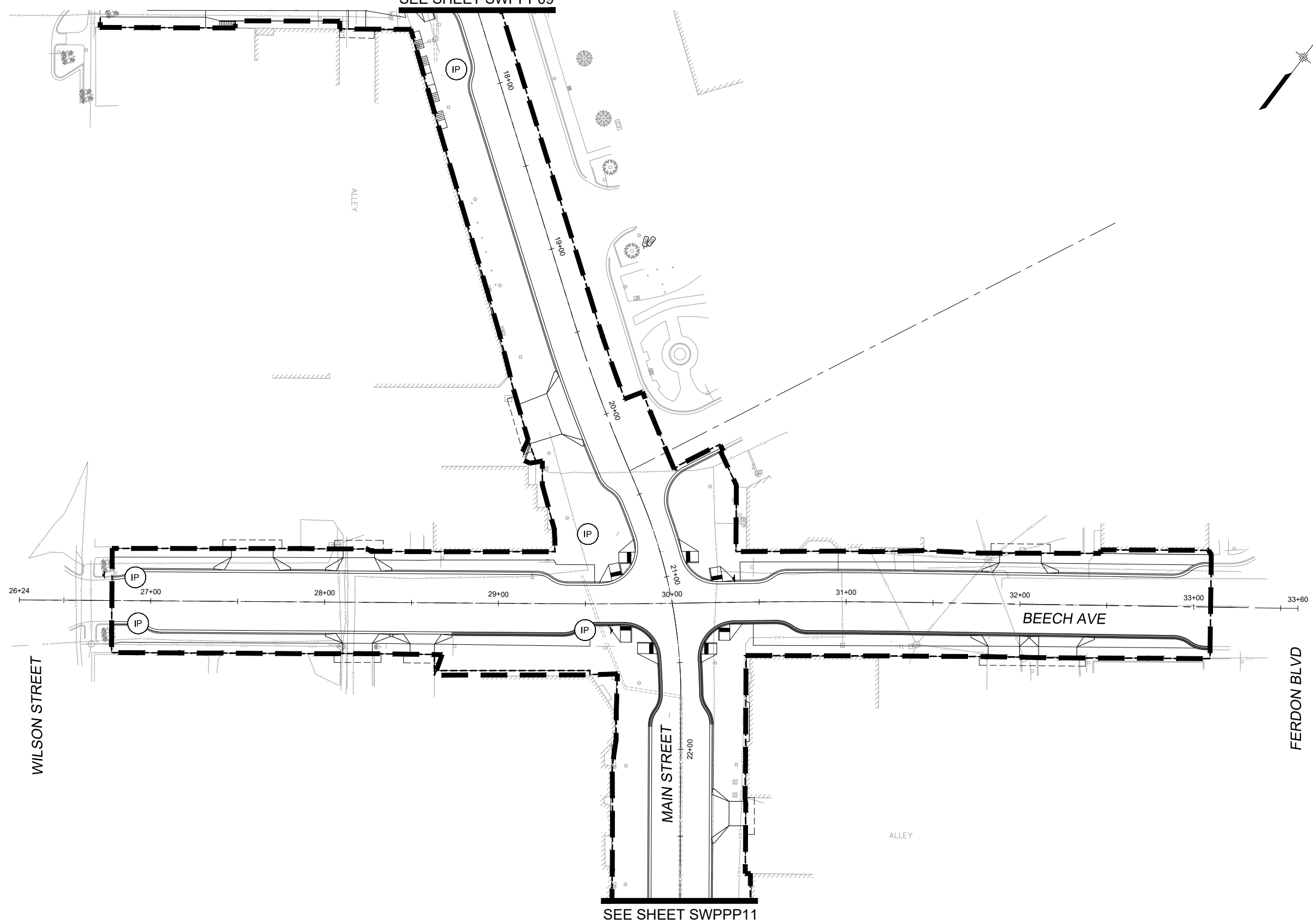


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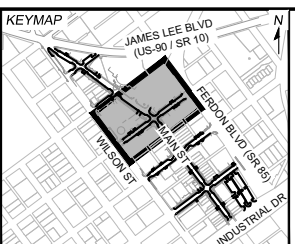
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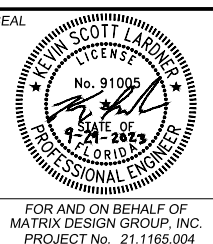


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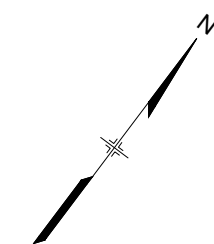
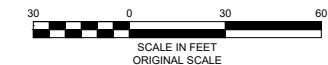
**STORM WATER POLLUTION PREVENTION PLAN**  
FINAL PLAN 02

DESIGNED BY: ACR	SCALE: 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. SWPPP10
DRAWN BY: ACR	HORIZ: 1" = 30'	SHEET 56 OF 99	
CHECKED BY: KSL	VERT: N/A		



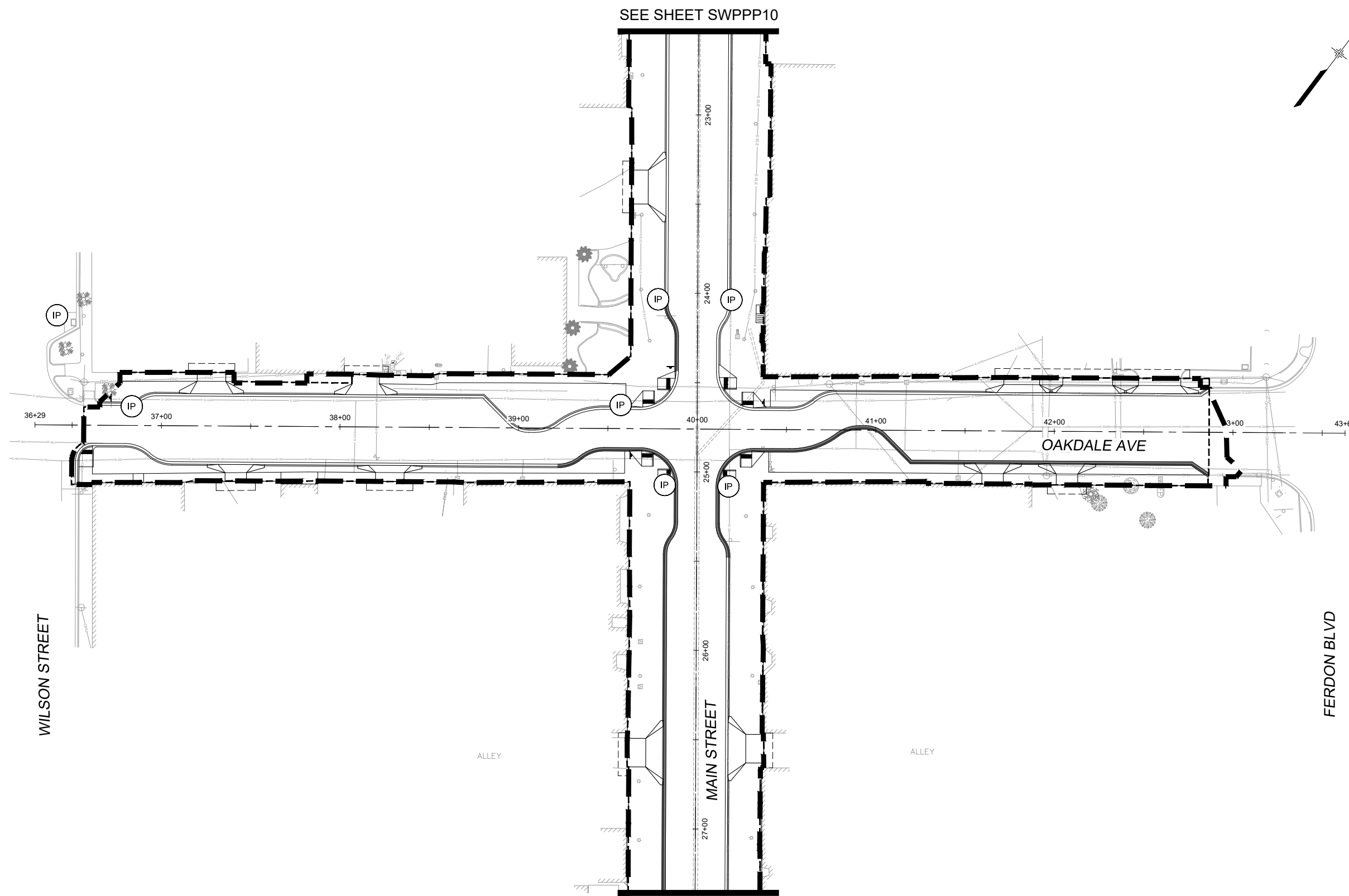


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3. INLET PROTECTION TO BE INSTALLED AT EXISTING INLETS PRIOR TO BEGINNING REMOVALS. ONCE AN INLET HAS BEEN REMOVED THE INLET PROTECTION WILL BE REMOVED. INLET PROTECTION WILL BE INSTALLED AT PROPOSED INLETS ONCE CONSTRUCTION OF INLET IS COMPLETE AND WILL REMAIN UNTIL ADJACENT WORK IS COMPLETE AND ALL UPSTREAM DISTURBED AREAS HAVE REACHED FINAL STABILIZATION.
4. REFER TO DETAIL SHEET AND URBAN STORM DRAINAGE CRITERIA MANUAL VOLUME 3 FOR DETAILS AND MAINTENANCE REQUIREMENTS.
5. ALL EROSION AND SEDIMENT CONTROL PRACTICES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THE SWMP MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION. PROPER SELECTION AND INSTALLATION OF BMPs AND IMPLEMENTATION OF COMPREHENSIVE INSPECTION AND MAINTENANCE PROCEDURES, IN ACCORDANCE WITH THE SWMP, SHOULD BE ADEQUATE TO MEET THIS CONDITION. BMPs THAT ARE NOT ADEQUATELY MAINTAINED IN ACCORDANCE WITH GOOD ENGINEERING, HYDROLOGIC AND POLLUTION CONTROL PRACTICES, INCLUDING REMOVAL OF COLLECTED SEDIMENT OUTSIDE THE ACCEPTABLE TOLERANCES OF THE BMPs, ARE CONSIDERED TO BE NO LONGER OPERATING EFFECTIVELY AND MUST BE ADDRESSED.
6. A THOROUGH INSPECTION OF ALL BMPs SHALL OCCUR AT LEAST EVERY SEVEN (7) DAYS AND AFTER ANY PRECIPITATION EVENT THAT CAUSES ANY SURFACE EROSION. ALL NECESSARY MAINTENANCE AND REPAIRS SHALL BE COMPLETED IN NO MORE THAN 7 CALENDAR DAYS AFTER INSPECTION.

**LEGEND:**

- CONSTRUCTION FENCING
- SILT FENCING
- LIMITS OF CONSTRUCTION (SHOWN 10' OFFSET FOR CLARITY)
- INLET PROTECTION
- ROCK SOCK
- STOCKPILE MANAGEMENT
- CONCRETE WASHOUT AREA
- STABILIZED STAGING AREA
- SEDIMENT TRACKING PROTECTION DEVICE

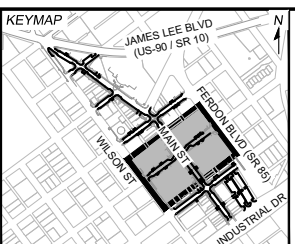
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1165-P-SWPPP			

No.	DATE	DESCRIPTION REVISIONS	BY

COMPUTER FILE MANAGEMENT	
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CTB FILE:	MATRIX.CTB
PLOT DATE:	SEPTEMBER 2023
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.	

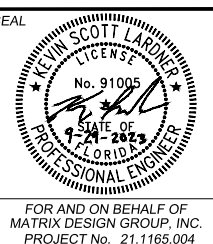


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**Matrix**  
Excellence by Design

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**MAIN STREET IMPROVEMENTS**

CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

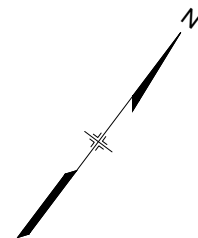
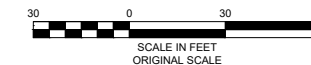
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**STORM WATER POLLUTION PREVENTION PLAN  
FINAL PLAN 03**

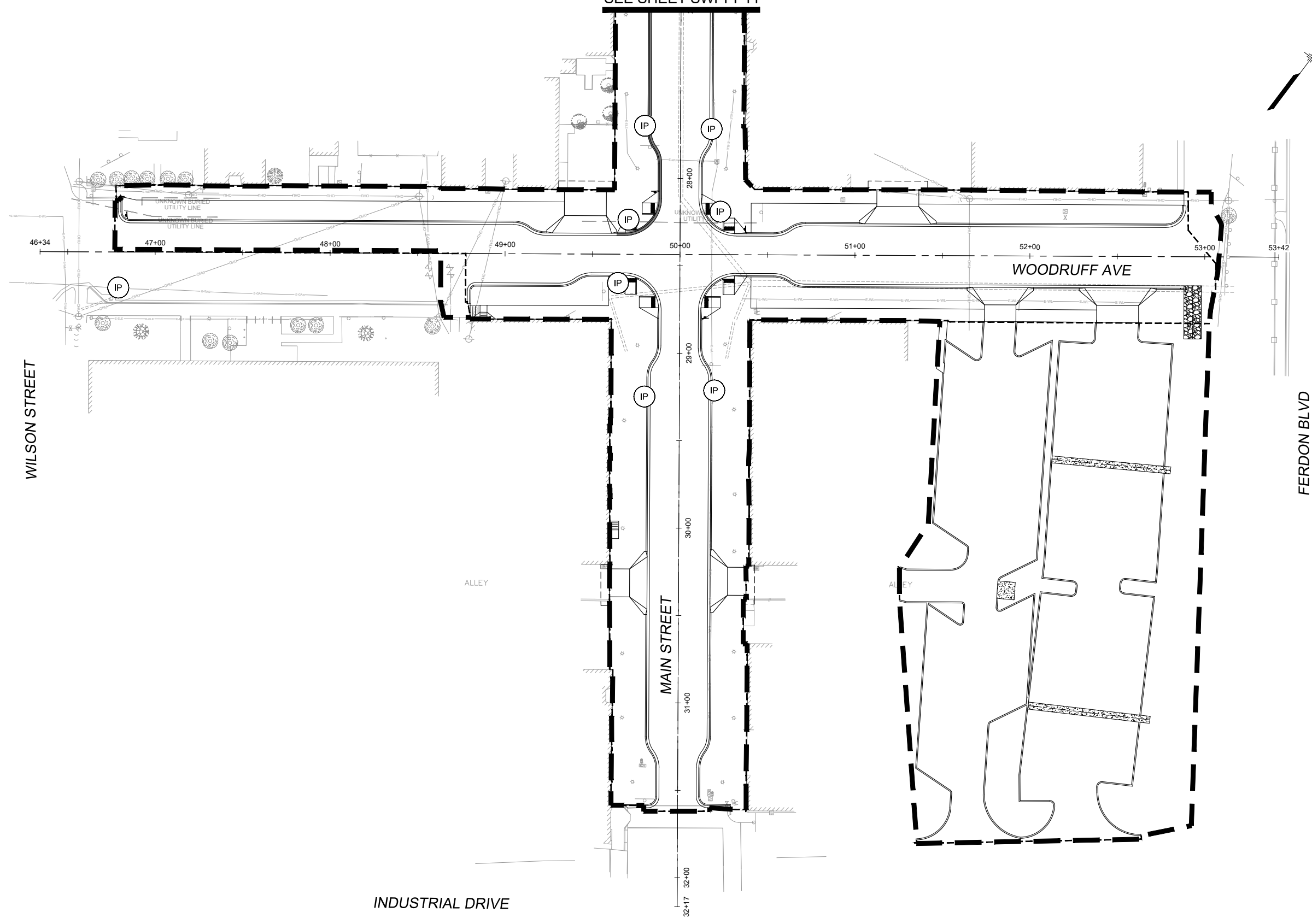
DESIGNED BY:	ACR	SCALE:	DATE ISSUED:	SEPTEMBER 2023	DRAWING No.
DRAWN BY:	ACR	HORIZ:	1" = 30'	SHEET	57 OF 99
CHECKED BY:	KSL	VERT:	N/A		<b>SWPPP11</b>



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SEE SHEET SWPPP11



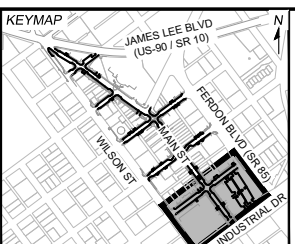
**NOTES:**

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4. REFER TO DETAIL SHEET AND URBAN STORM DRAINAGE CRITERIA MANUAL VOLUME 3 FOR DETAILS AND MAINTENANCE REQUIREMENTS.
5. ALL EROSION AND SEDIMENT CONTROL PRACTICES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THE SWMP MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION. PROPER SELECTION AND INSTALLATION OF BMPs AND IMPLEMENTATION OF COMPREHENSIVE INSPECTION AND MAINTENANCE PROCEDURES, IN ACCORDANCE WITH THE SWMP, SHOULD BE ADEQUATE TO MEET THIS CONDITION. BMPs THAT ARE NOT ADEQUATELY MAINTAINED IN ACCORDANCE WITH GOOD ENGINEERING, HYDROLOGIC AND POLLUTION CONTROL PRACTICES, INCLUDING REMOVAL OF COLLECTED SEDIMENT OUTSIDE THE ACCEPTABLE TOLERANCES OF THE BMPs, ARE CONSIDERED TO BE NO LONGER OPERATING EFFECTIVELY AND MUST BE ADDRESSED.
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**LEGEND:**

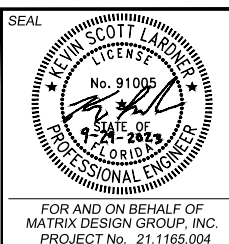
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- SILT FENCING
- LIMITS OF CONSTRUCTION (SHOWN 10' OFFSET FOR CLARITY)
- INLET PROTECTION
- ROCK SOCK
- STOCKPILE MANAGEMENT
- CONCRETE WASHOUT AREA
- STABILIZED STAGING AREA
- SEDIMENT TRACKING PROTECTION DEVICE

REFERENCE DRAWINGS			
No.	DATE	DESCRIPTION	BY
COMPUTER FILE MANAGEMENT			
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEP\SWPPP03.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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**MAIN STREET IMPROVEMENTS**

CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

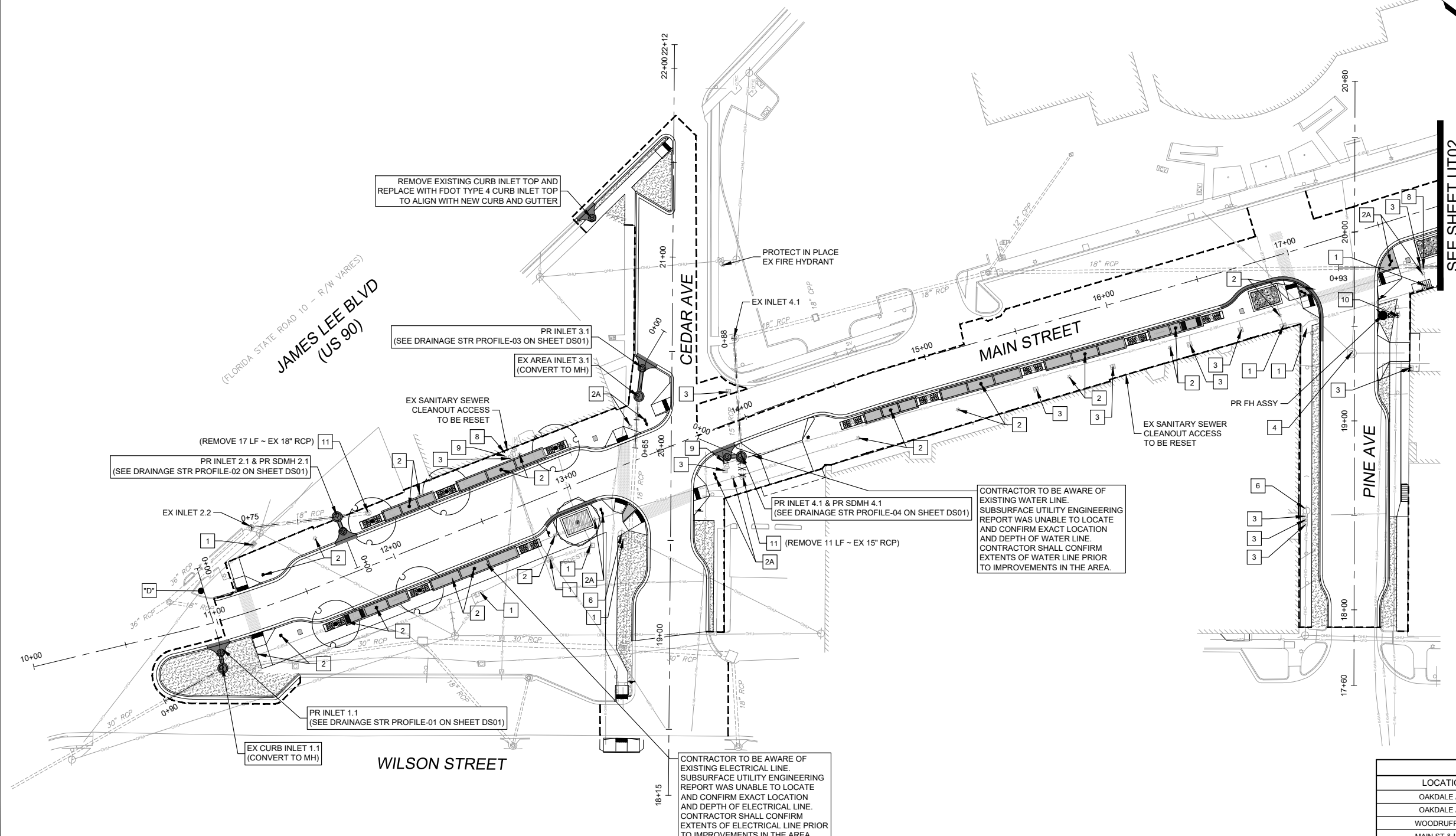
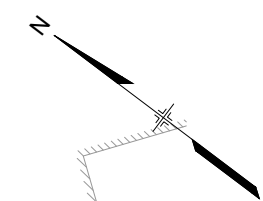
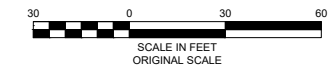
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**STORM WATER POLLUTION PREVENTION PLAN  
FINAL PLAN 04**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No.
CHECKED BY: KSL	VERT. N/A	SHEET 58 OF 99	SWPPP12



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- NOTE:**
- ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
  - FOR ROADWAY INFORMATION, SEE ROADWAY REMOVAL AND RESET PLANS, SHEETS RM01-04.
  - CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND CONTACT ENGINEER IF ANY DISCREPANCY.
  - ALL PROPOSED INLETS SHALL BE FDOT TYPE 4 INLET.

- REMOVAL LEGEND**
- X X X X X X X X REMOVE EXISTING STORM DRAIN
  - xx - xx - xx - REMOVE EXISTING WATER LINE

- UTILITY ADJUSTMENT LEGEND**
- 1 EX ELECTRICAL EQUIPMENT TO BE PROTECTED AND RESET
  - 2 EX STREET LIGHT TO BE RELOCATED
  - 2A EX DUAL STREET LIGHT WITH STREET SIGNS TO BE RELOCATED
  - 3 EX WATER METER VAULT TO BE RESET
  - 4 EX SANITARY SEWER MANHOLE LID TO BE RESET
  - 5 EX STORM DRAIN MANHOLE LID TO BE RESET
  - 6 EX POWER POLE TO BE RELOCATED
  - 7 EX VALVE BOX TO BE RESET
  - 8 EX BACK FLOW PREVENTER & PAD TO BE RESET
  - 9 EX IRRIGATION CONTROL VALVE TO BE RESET
  - 10 EX FIRE HYDRANT ASSEMBLY TO BE REMOVED
  - 11 EX STORM DRAIN MANHOLE / INLET TO BE REMOVED & (REMOVE X LF - EX XX\"/>

SUE UTILITY INFORMATION			
LOCATION	LABEL	UTILITY	DEPTH TO TOP
OAKDALE AVE	"A"	8" C.I. WATER	27"
OAKDALE AVE	"B"	4" YELLOW P.E. GAS	60"
WOODRUFF AVE	"C"	15" V.C.P. UNKNOWN	28.5"
MAIN ST & US 90	"D"	1.5" ORANGE COMM. BUNDLE (x4)	68"
MAIN ST	"E"	6" C.I. WATER	45.5"
MAIN ST	"F"	6" C.I. WATER	40"
BEECH AVE	"G"	2" C.I. WATER	54"
MAIN ST & BEECH AVE	"H"	2" C.I. WATER	37.5"
MAIN ST & BEECH AVE	"I"	2" C.I. WATER	34"

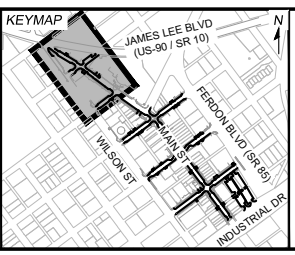
UTILITY INFORMATION SHOWN ABOVE WAS TAKEN FROM A REPORT FURNISHED BY ARDURRA, DATED 12 JUL 2022.

**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**UTILITY ADJUSTMENT & LIGHTING PLAN 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. UT01
CHECKED BY: KSL	VERT. N/A	SHEET 59 OF 99	

No.	DATE	DESCRIPTION REVISIONS	BY
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FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEPIUT01.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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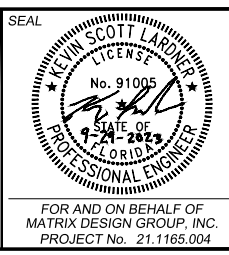
CONTRACTOR TO BE AWARE OF EXISTING ELECTRICAL LINE. SUBSURFACE UTILITY ENGINEERING REPORT WAS UNABLE TO LOCATE AND CONFIRM EXACT LOCATION AND DEPTH OF ELECTRICAL LINE. CONTRACTOR SHALL CONFIRM EXTENTS OF ELECTRICAL LINE PRIOR TO IMPROVEMENTS IN THE AREA.

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Phone: 850-682-1560  
www.cityofcrestview.org

PREPARED BY:  
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Excellence by Design

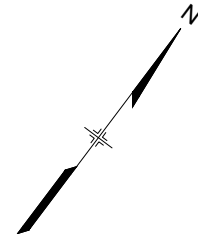
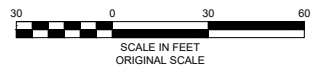
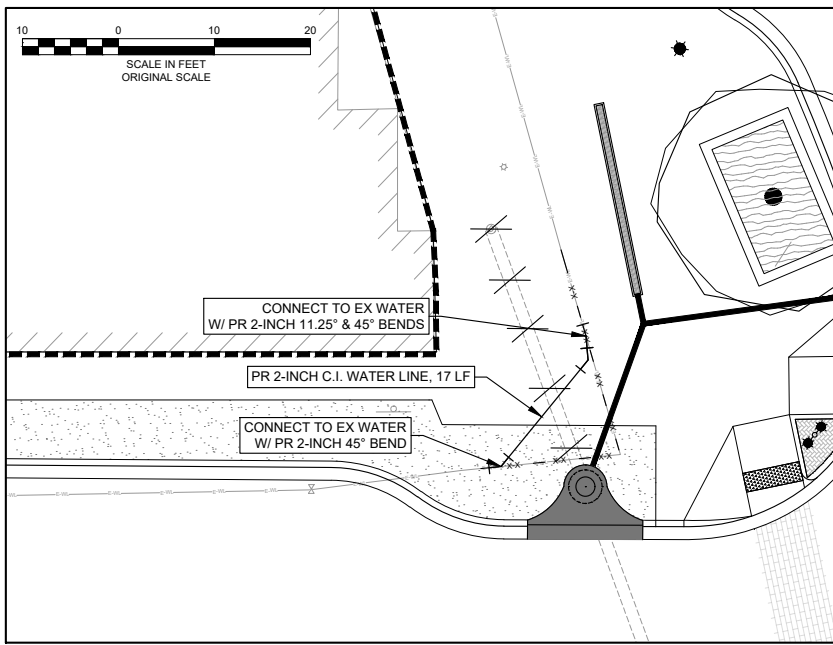
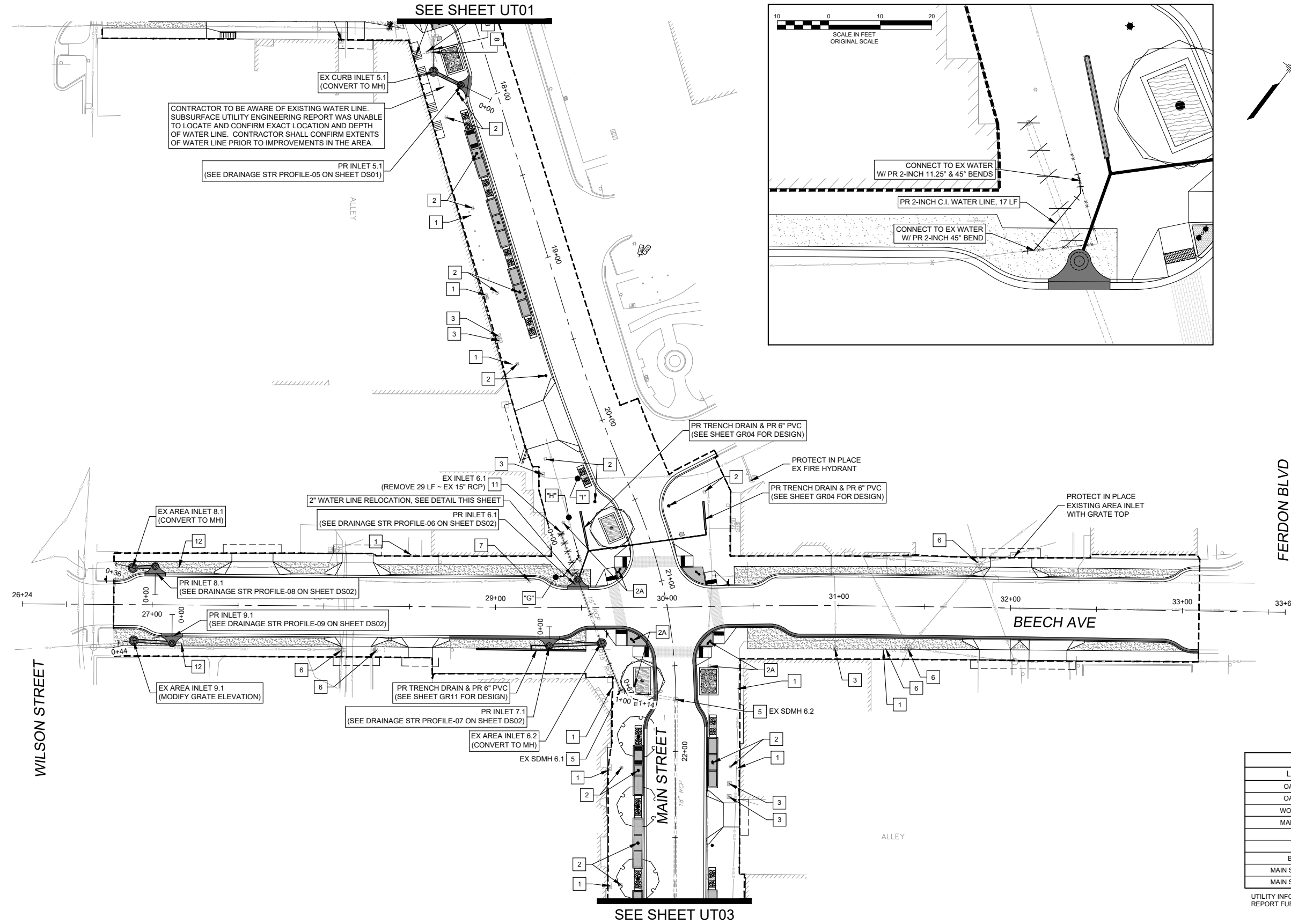
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FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004



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- NOTE:**
1. ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
  2. FOR ROADWAY INFORMATION, SEE ROADWAY REMOVAL AND RESET PLANS, SHEETS RM01-04.
  3. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND CONTACT ENGINEER IF ANY DISCREPANCY.
  4. ALL PROPOSED INLETS SHALL BE FDOT TYPE 4 INLET.

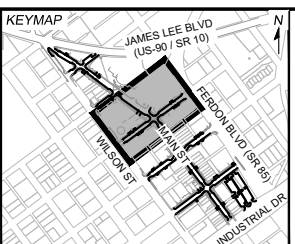
- REMOVAL LEGEND**
- X X X X X X X X REMOVE EXISTING STORM DRAIN
  - xx - xx - xx - REMOVE EXISTING WATER LINE

- UTILITY ADJUSTMENT LEGEND**
- 1 EX ELECTRICAL EQUIPMENT TO BE PROTECTED AND RESET
  - 2 EX STREET LIGHT TO BE RELOCATED
  - 2A EX DUAL STREET LIGHT WITH STREET SIGNS TO BE RELOCATED
  - 3 EX WATER METER VAULT TO BE RESET
  - 4 EX SANITARY SEWER MANHOLE LID TO BE RESET
  - 5 EX STORM DRAIN MANHOLE LID TO BE RESET
  - 6 EX POWER POLE TO BE RELOCATED
  - 7 EX VALVE BOX TO BE RESET
  - 8 EX BACK FLOW PREVENTER & PAD TO BE RESET
  - 9 EX IRRIGATION CONTROL VALVE TO BE RESET
  - 10 EX FIRE HYDRANT ASSEMBLY TO BE REMOVED
  - 11 EX STORM DRAIN MANHOLE / INLET TO BE REMOVED & (REMOVE X LF - EX XX" RCP)
  - 12 EXISTING DRY UTILITY RELOCATION TO BE COORDINATED WITH SERVICE PROVIDER

SUE UTILITY INFORMATION			
LOCATION	LABEL	UTILITY	DEPTH TO TOP
OAKDALE AVE	"A"	8" C.I. WATER	27"
OAKDALE AVE	"B"	4" YELLOW P.E. GAS	60"
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MAIN ST & US 90	"D"	1.5" ORANGE COMM. BUNDLE (x4)	68"
MAIN ST	"E"	6" C.I. WATER	45.5"
MAIN ST	"F"	6" C.I. WATER	40"
BEECH AVE	"G"	2" C.I. WATER	54"
MAIN ST & BEECH AVE	"H"	2" C.I. WATER	37.5"
MAIN ST & BEECH AVE	"I"	2" C.I. WATER	34"

UTILITY INFORMATION SHOWN ABOVE WAS TAKEN FROM A REPORT FURNISHED BY ARDURRA, DATED 12 JUL 2022.

No.	DATE	DESCRIPTION	BY
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CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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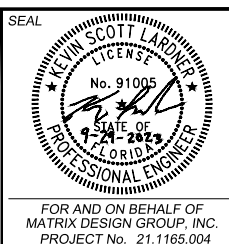


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Excellence by Design

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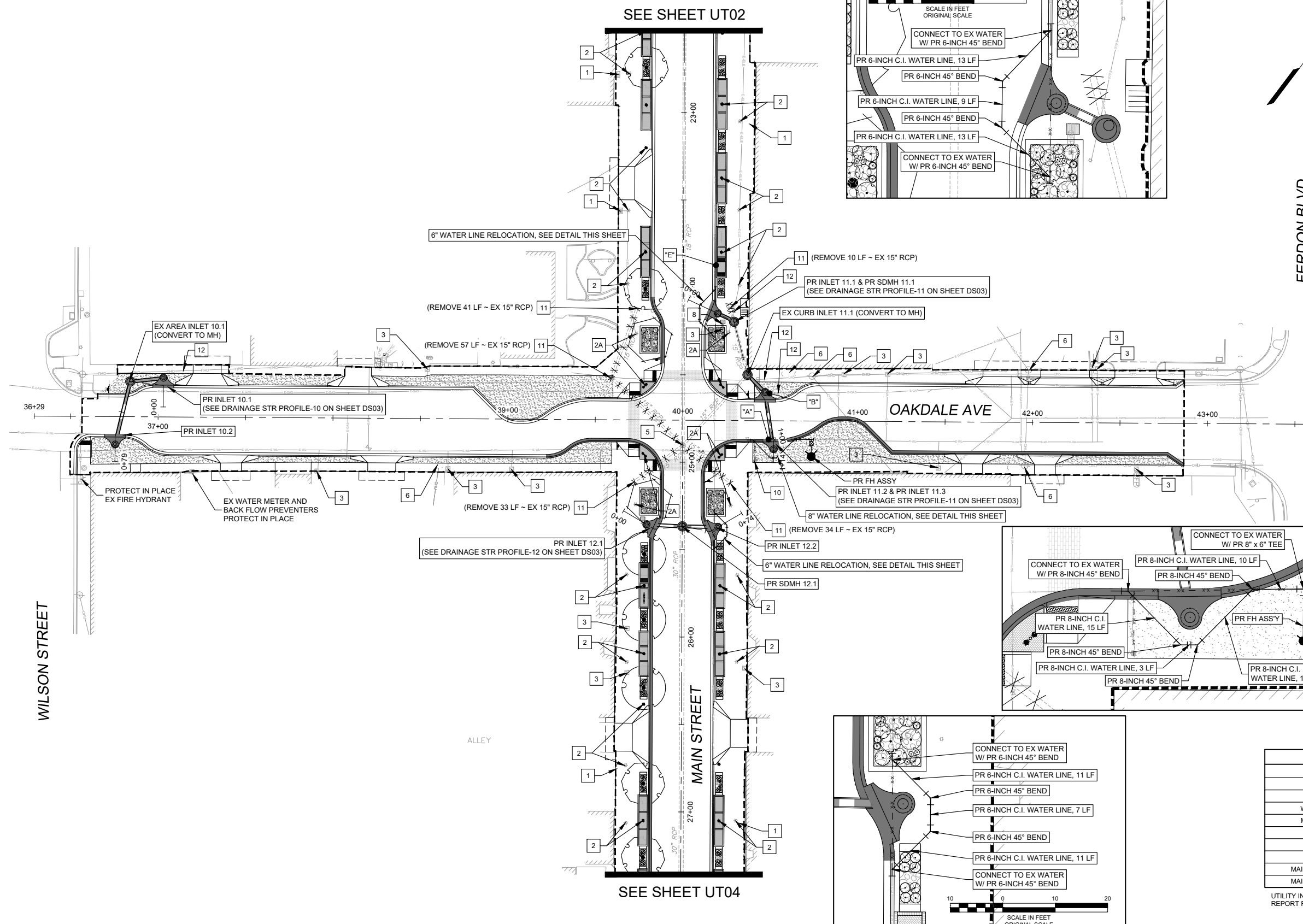
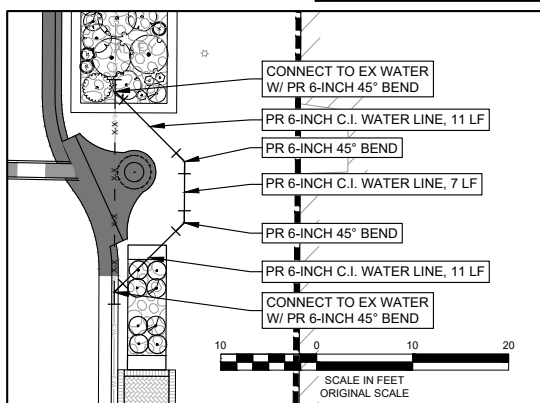
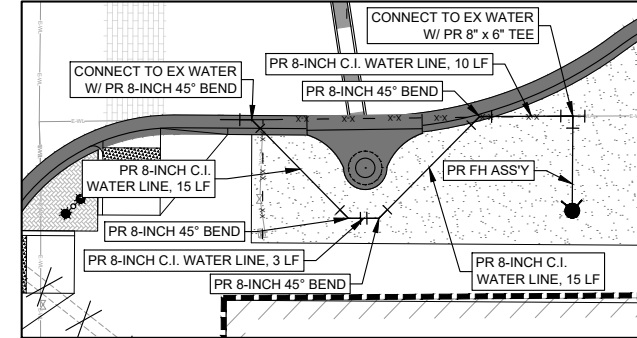
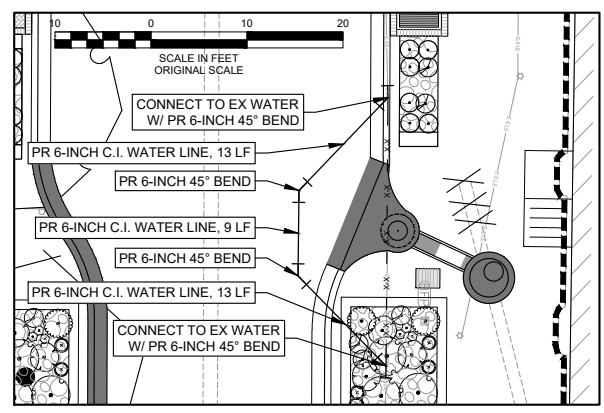
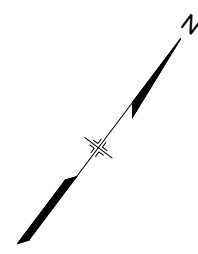
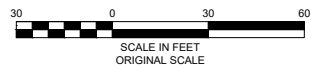
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**UTILITY ADJUSTMENT & LIGHTING PLAN 02**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. UT02
DRAWN BY: ACR	VERT. N/A	SHEET 60 OF 99	
CHECKED BY: KSL			



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  - ALL PROPOSED INLETS SHALL BE FDOT TYPE 4 INLET.

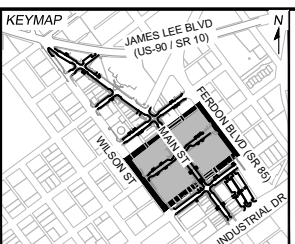
- REMOVAL LEGEND**
- X X X X X X X X REMOVE EXISTING STORM DRAIN
  - xx - xx - xx - REMOVE EXISTING WATER LINE

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  - 12 EXISTING DRY UTILITY RELOCATION TO BE COORDINATED WITH SERVICE PROVIDER

SUE UTILITY INFORMATION			
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OAKDALE AVE	"B"	4" YELLOW P.E. GAS	60"
WOODRUFF AVE	"C"	15" V.C.P. UNKNOWN	28.5"
MAIN ST & US 90	"D"	1.5" ORANGE COMM. BUNDLE (x4)	68"
MAIN ST	"E"	6" C.I. WATER	45.5"
MAIN ST	"F"	6" C.I. WATER	40"
BEECH AVE	"G"	2" C.I. WATER	54"
MAIN ST & BEECH AVE	"H"	2" C.I. WATER	37.5"
MAIN ST & BEECH AVE	"I"	2" C.I. WATER	34"

UTILITY INFORMATION SHOWN ABOVE WAS TAKEN FROM A REPORT FURNISHED BY ARDURRA, DATED 12 JUL 2022.

No.	DATE	DESCRIPTION REVISIONS	BY
<p><b>COMPUTER FILE MANAGEMENT</b></p> <p>FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\IEPIUT01.DWG</p> <p>CTB FILE: MATRIX.CTB</p> <p>PLOT DATE: SEPTEMBER 2023</p> <p>THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.</p>			

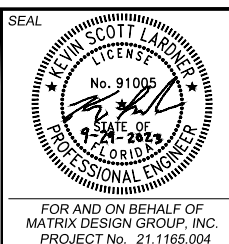


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**MAIN STREET IMPROVEMENTS**

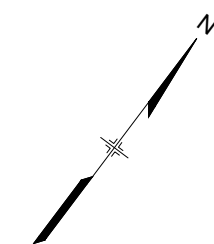
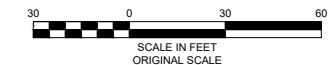
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**UTILITY ADJUSTMENT & LIGHTING PLAN 03**

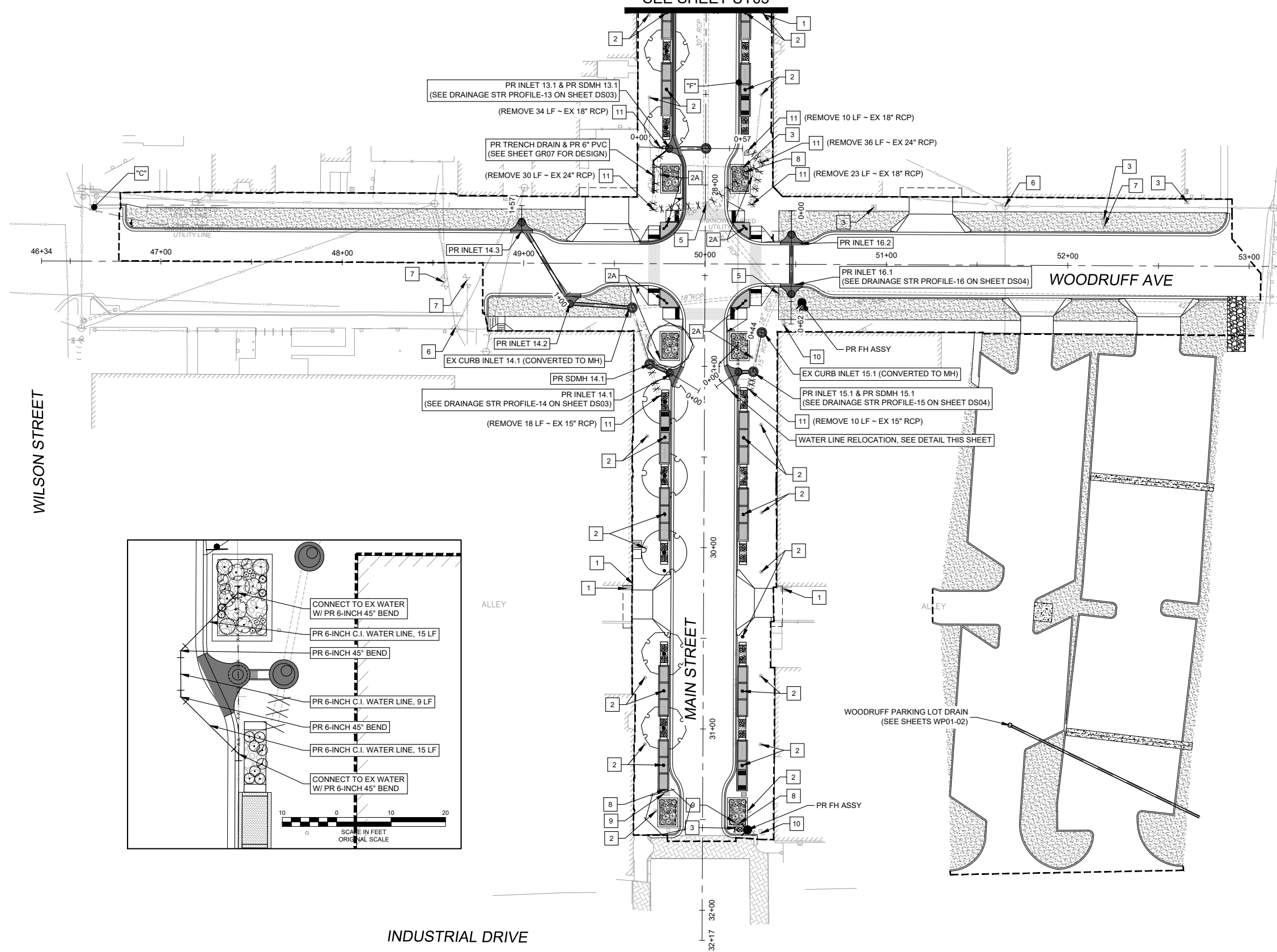
DESIGNED BY: ACR	SCALE: 1" = 30'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. UT03
CHECKED BY: KSL	HORIZ: N/A	SHEET 61 OF 99	



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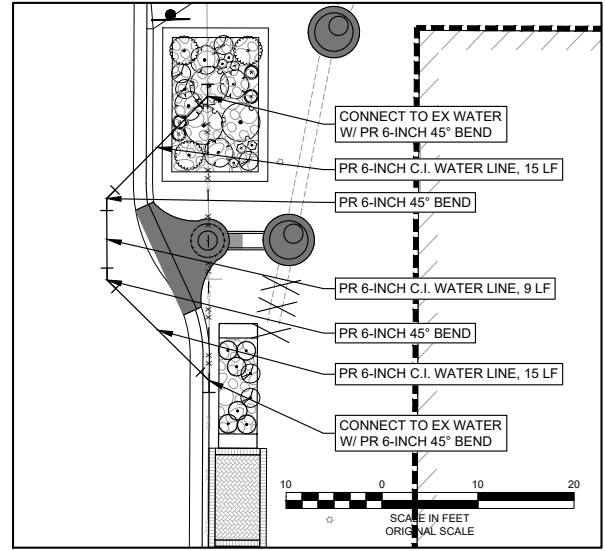
SEE SHEET UT03



- NOTE:**
- ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
  - FOR ROADWAY INFORMATION, SEE ROADWAY REMOVAL AND RESET PLANS, SHEETS RM01-04.
  - CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND CONTACT ENGINEER IF ANY DISCREPANCY.
  - ALL PROPOSED INLETS SHALL BE FDOT TYPE 4 INLET.

- REMOVAL LEGEND**
- X X X X X X X X REMOVE EXISTING STORM DRAIN
  - xx - xx - xx - REMOVE EXISTING WATER LINE

- UTILITY ADJUSTMENT LEGEND**
- 1 EX ELECTRICAL EQUIPMENT TO BE PROTECTED AND RESET
  - 2 EX STREET LIGHT TO BE RELOCATED
  - 2A EX DUAL STREET LIGHT WITH STREET SIGNS TO BE RELOCATED
  - 3 EX WATER METER VAULT TO BE RESET
  - 4 EX SANITARY SEWER MANHOLE LID TO BE RESET
  - 5 EX STORM DRAIN MANHOLE LID TO BE RESET
  - 6 EX POWER POLE TO BE RELOCATED
  - 7 EX VALVE BOX TO BE RESET
  - 8 EX BACK FLOW PREVENTER & PAD TO BE RESET
  - 9 EX IRRIGATION CONTROL VALVE TO BE RESET
  - 10 EX FIRE HYDRANT ASSEMBLY TO BE REMOVED
  - 11 EX STORM DRAIN MANHOLE / INLET TO BE REMOVED & (REMOVE X LF ~ EX XX" RCP)
  - 12 EXISTING DRY UTILITY RELOCATION TO BE COORDINATED WITH SERVICE PROVIDER



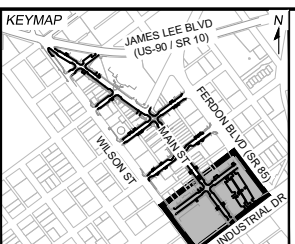
SUE UTILITY INFORMATION			
LOCATION	LABEL	UTILITY	DEPTH TO TOP
OAKDALE AVE	"A"	8" C.I. WATER	27"
OAKDALE AVE	"B"	4" YELLOW P.E. GAS	60"
WOODRUFF AVE	"C"	15" V.C.P. UNKNOWN	28.5"
MAIN ST & US 90	"D"	1.5" ORANGE COMM. BUNDLE (x4)	68"
MAIN ST	"E"	6" C.I. WATER	45.5"
MAIN ST	"F"	6" C.I. WATER	40"
BEECH AVE	"G"	2" C.I. WATER	54"
MAIN ST & BEECH AVE	"H"	2" C.I. WATER	37.5"
MAIN ST & BEECH AVE	"I"	2" C.I. WATER	34"

UTILITY INFORMATION SHOWN ABOVE WAS TAKEN FROM A REPORT FURNISHED BY ARDURRA, DATED 12 JUL 2022.

No.	DATE	DESCRIPTION REVISIONS	BY

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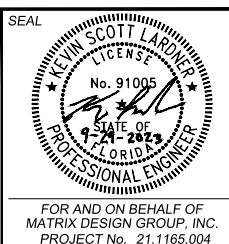


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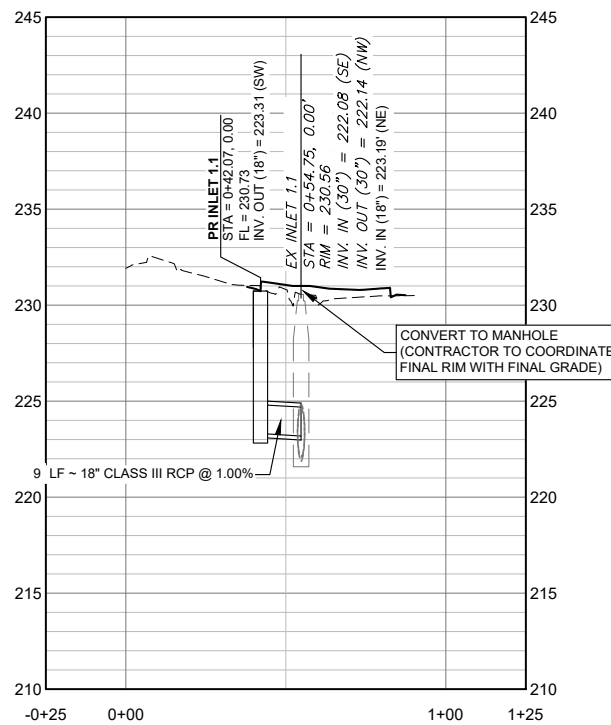
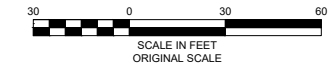
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**UTILITY ADJUSTMENT & LIGHTING PLAN 04**

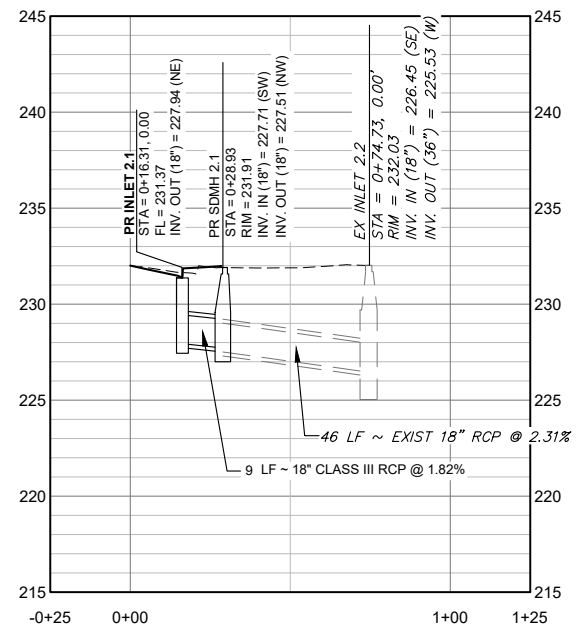
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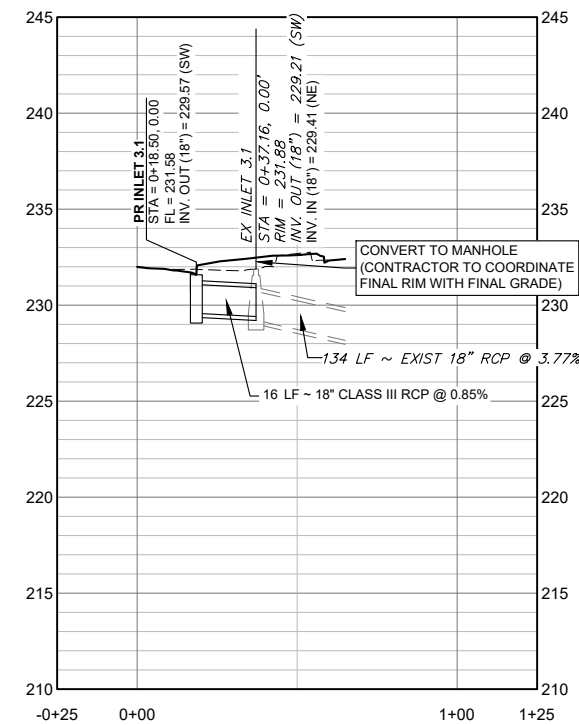
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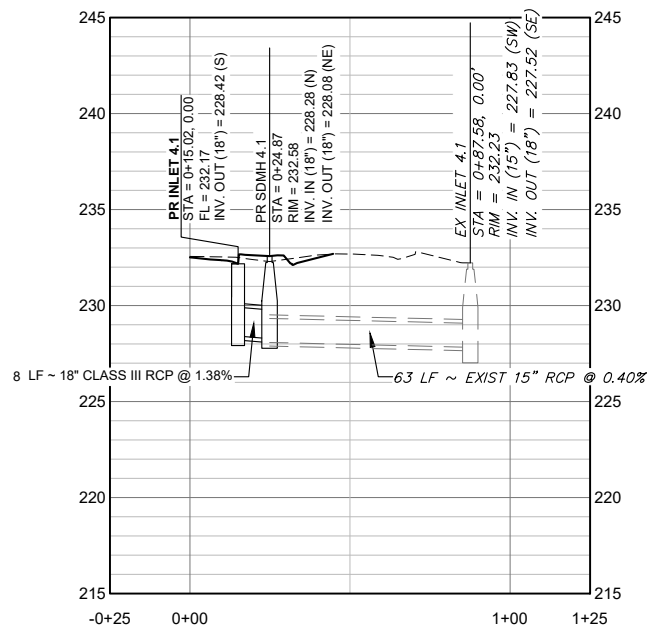
CRESTVIEW DRAINAGE STR PROFILE-01



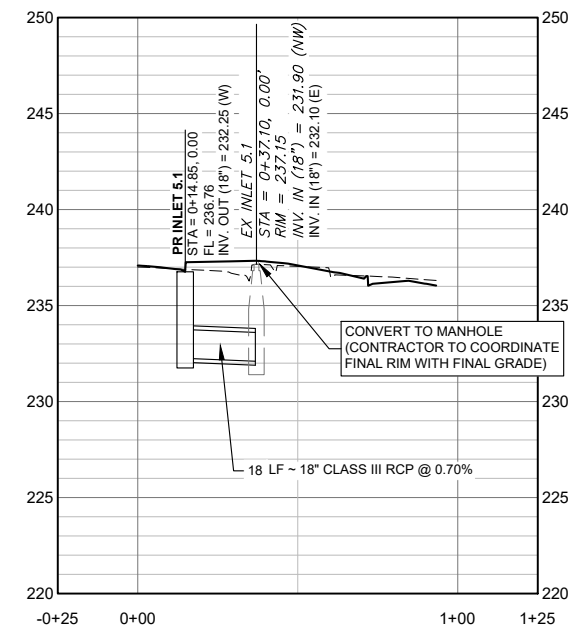
CRESTVIEW DRAINAGE STR PROFILE-02



CRESTVIEW DRAINAGE STR PROFILE-03



CRESTVIEW DRAINAGE STR PROFILE-04

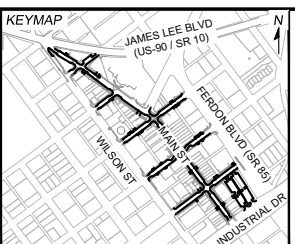


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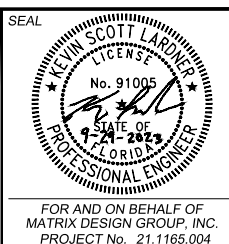


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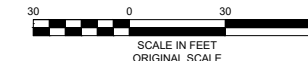
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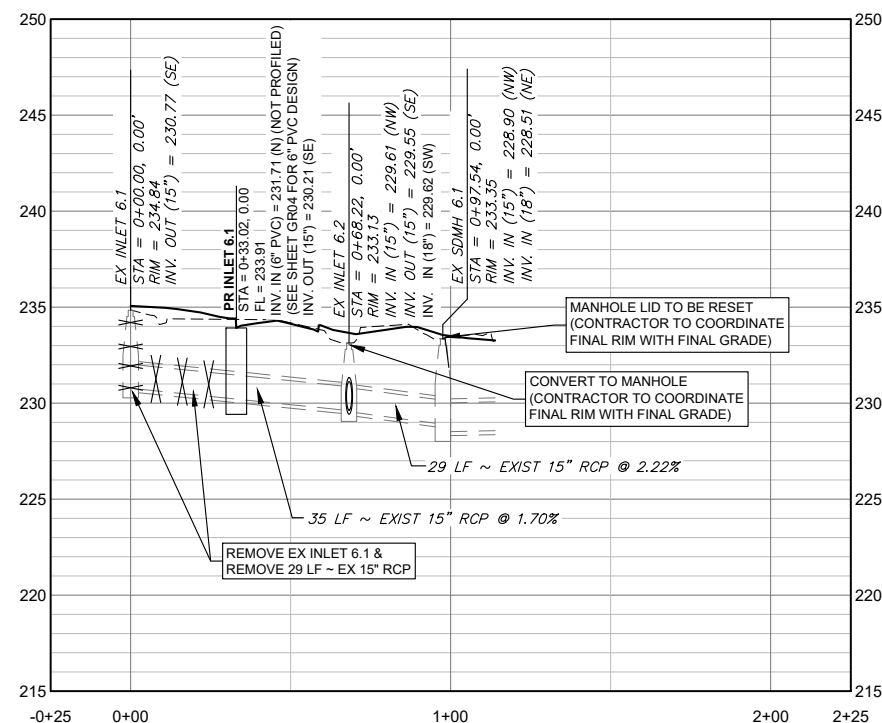
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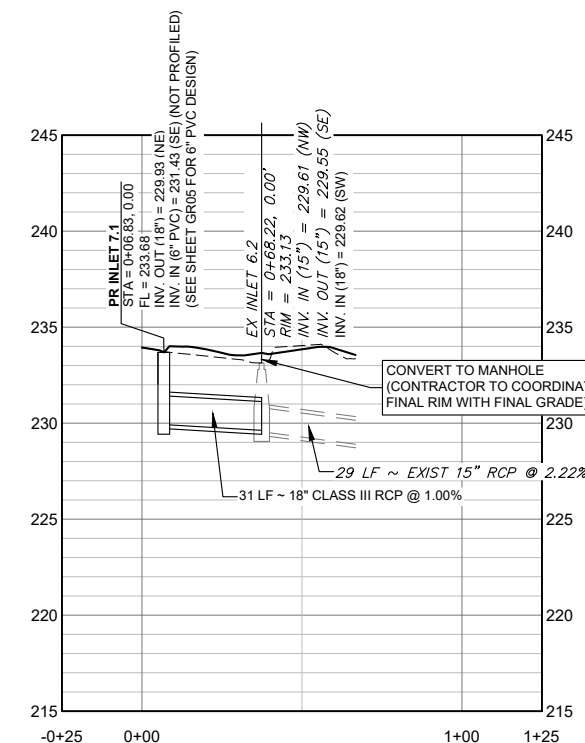
MAIN STREET IMPROVEMENTS			
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS			
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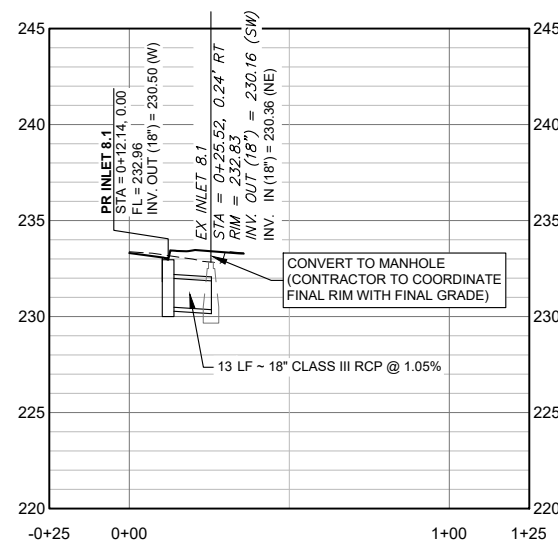
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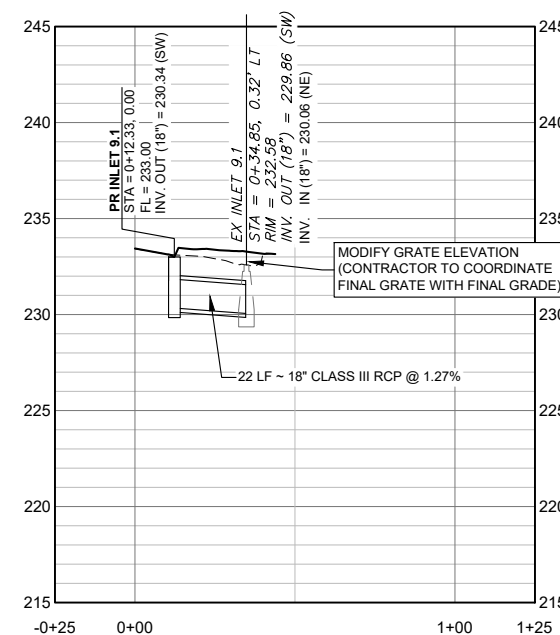
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CRESTVIEW DRAINAGE STR PROFILE-07



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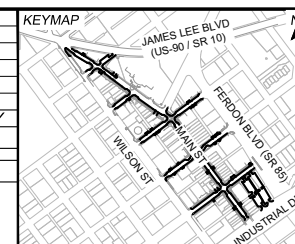


CRESTVIEW DRAINAGE STR PROFILE-09

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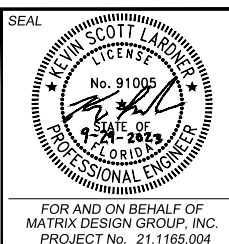


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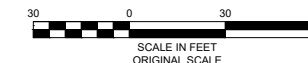
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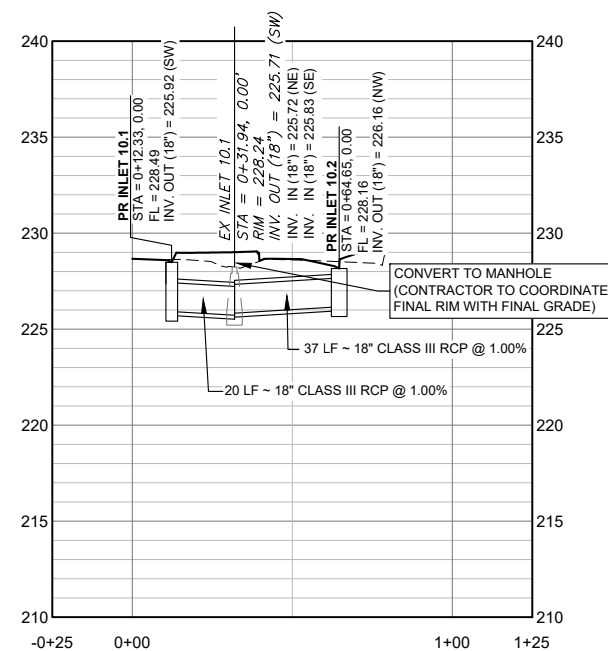


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DRAWING No.			DS02
SHEET			64 OF 99

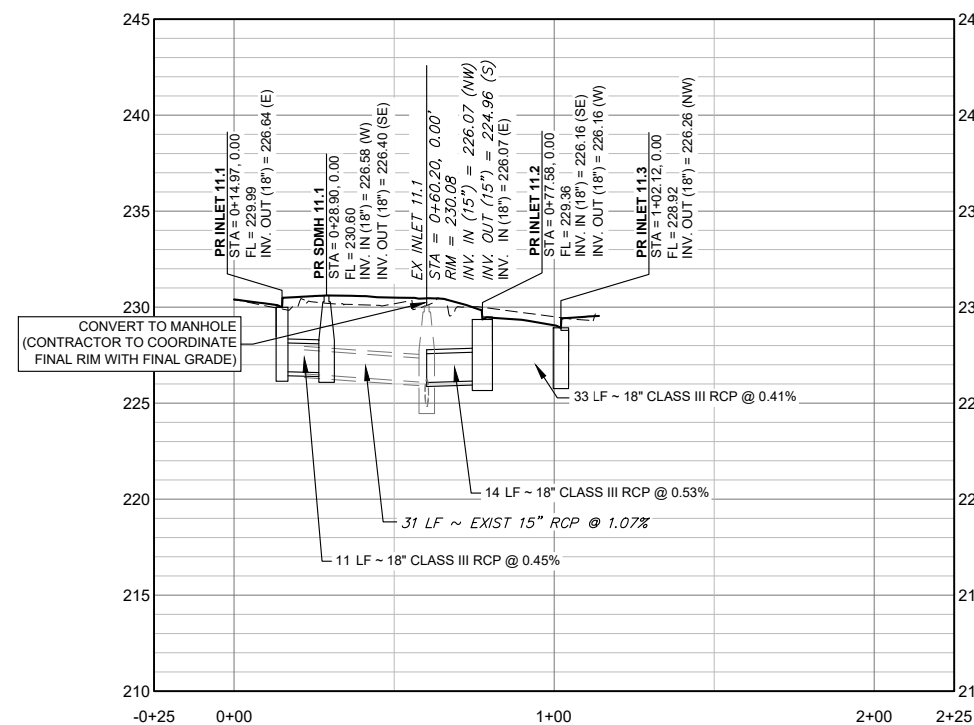




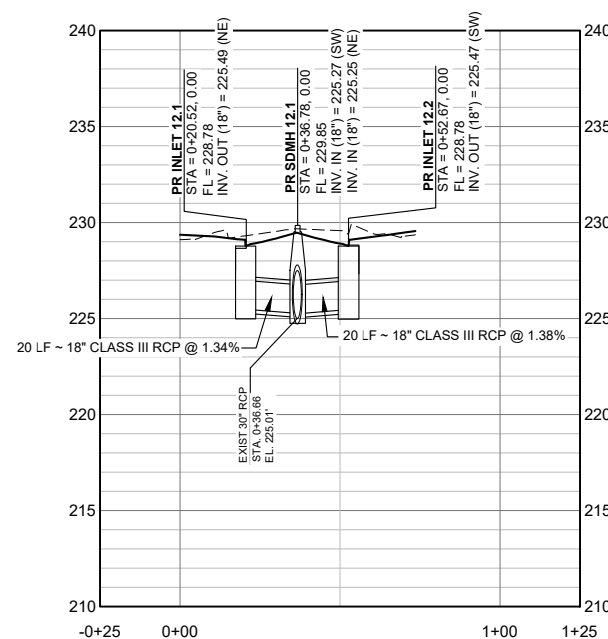
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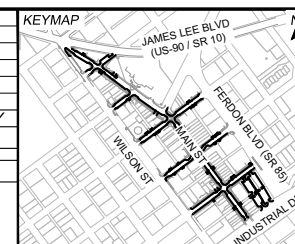


CRESTVIEW DRAINAGE STR PROFILE-11



CRESTVIEW DRAINAGE STR PROFILE-12

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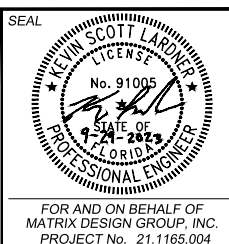


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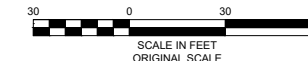
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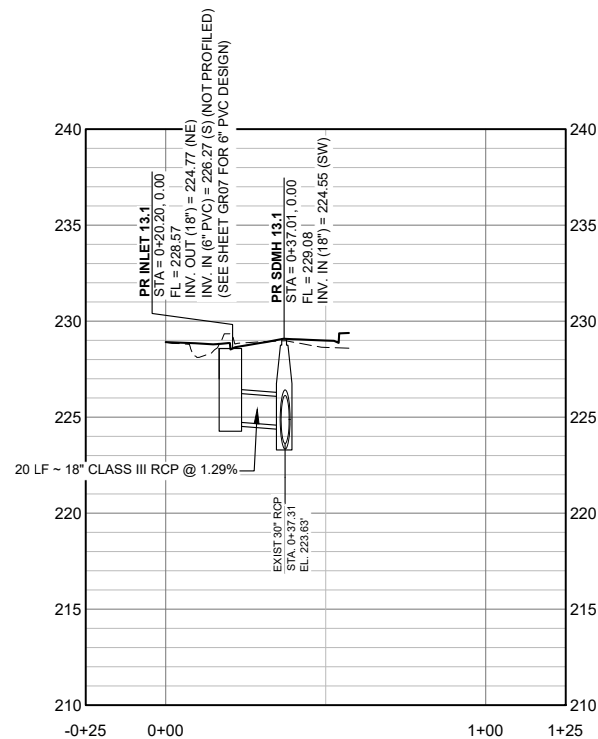
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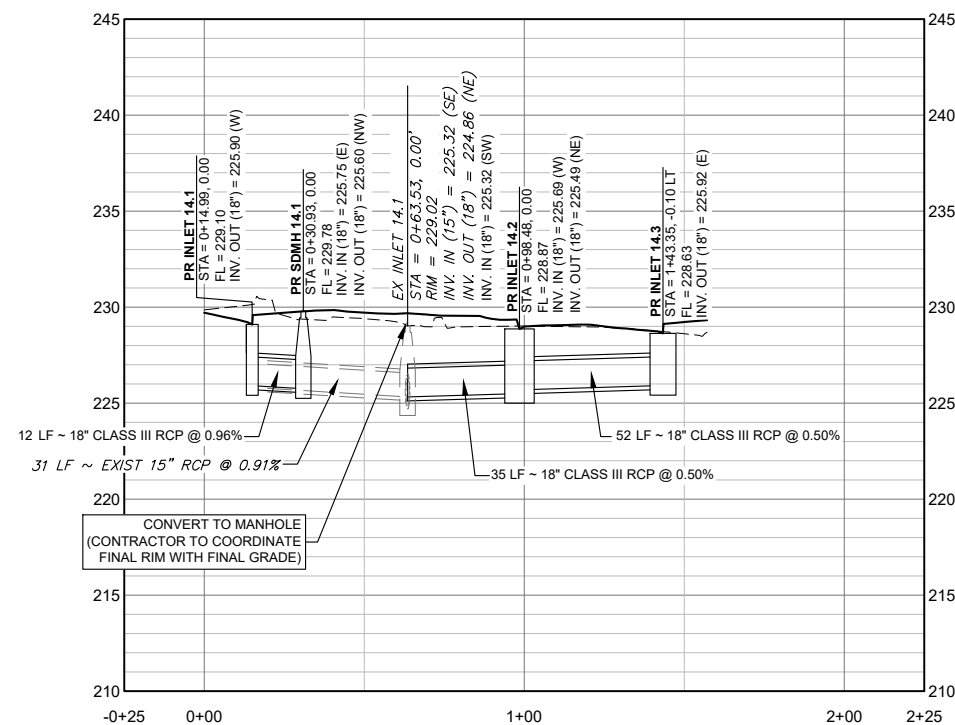
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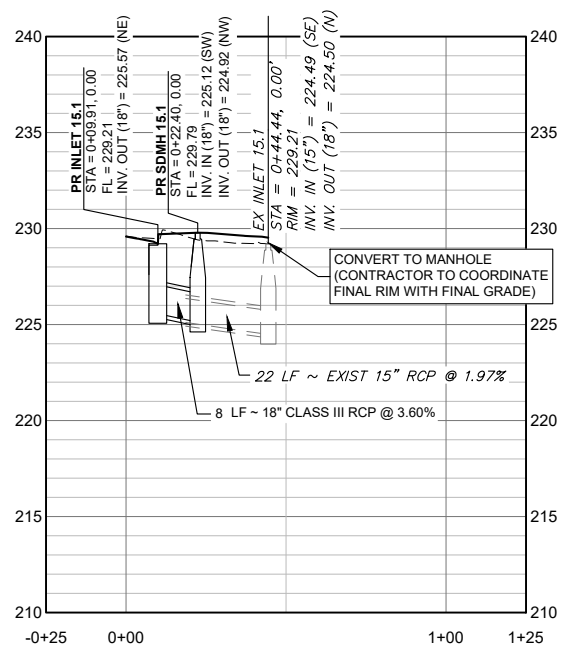
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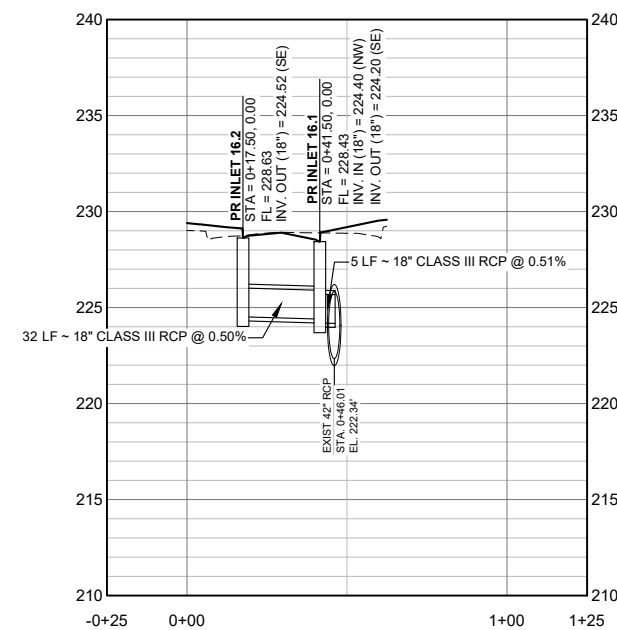
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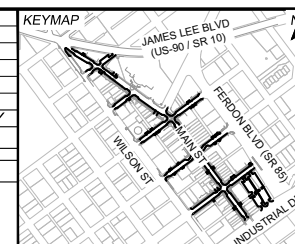


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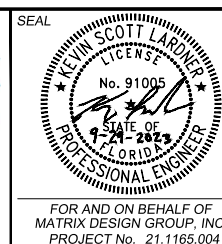
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<b>DRAINAGE STRUCTURE PROFILES 04</b>			
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GENERAL:

- 1. ALL PLANTING BEDS, EXCEPT GROUND COVER (SEDUM) BEDS, SHALL HAVE 4" DEPTH ROCK MULCH. ROCK MULCH SHALL BE 2"-3" DIA. WHITE RIVER GRAVEL, FREE FROM WEEDS, CHEMICALS, AND/OR DELETERIOUS MATERIALS, THERE SHALL BE NO WEED BARRIER FABRIC IN PLANTING BEDS.
2. ALL LANDSCAPE AREAS AND PLANT MATERIAL SHALL BE WATERED BY AN AUTOMATIC IRRIGATION SYSTEM. DRIP IRRIGATION IS TO BE PROVIDED TO SHRUB AREAS; TURF AREA HEADS ARE TO BE INSTALLED SO AS TO PROVIDE HEAD TO HEAD COVERAGE.
3. ALL LANDSCAPING SHALL MEET THE REQUIREMENTS OF THE "SIGHT VISIBILITY TRIANGLE".
4. WALKS SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.
5. TO THE MAXIMUM EXTENT FEASIBLE, TOPSOIL THAT IS REMOVED DURING CONSTRUCTION ACTIVITY SHALL BE CONSERVED FOR LATER USE ON AREAS REQUIRING REVEGETATION AND LANDSCAPING.
6. IF IT IS DETERMINED THAT SOME TREES MAY BE RELOCATED AND A TREE SPADE IS USED, IT IS REQUIRED THAT HOLES DUG WITH THE SPADE BE SCRAPED DOWN AND SCORED WITH A SHOVEL TO REMOVE THE 'GLAZE' THAT IS PRODUCED ON THE SOIL SURFACE. THIS WILL PREVENT AN INTERFACE THAT WILL IMPEDE PROPER ROOT DEVELOPMENT
7. NO PLANT MATERIAL SHALL BE PLANTED WITHIN TEN FEET OF ANY EXISTING OR PROPOSED ELECTRICAL SWITCHGEARS, TRANSFORMERS OR OTHER ELECTRICAL UTILITY EQUIPMENT. PLANT MATERIAL MAY BE FIELD ADJUSTED TO PROVIDE THE 10 FOOT CLEARANCE AND ACCESSIBILITY REQUIRED BY THE UTILITY'S OWNER/OPERATOR.
8. NO PLANT MATERIAL SHALL BE PLANTED WITHIN TEN FEET OF ANY EXISTING OR PROPOSED WATER LINES OR STORM OR SANITARY SEWER IMPROVEMENTS. CONTRACTOR TO NOTIFY OWNER'S REPRESENTATIVE OF ANY LOCATIONS WHERE THERE ARE UTILITY LINES IN CONFLICT WITH PLANTING LOCATIONS TO DETERMINE A REASONABLE ALTERNATIVE.
9. GRADING SHALL BE SMOOTH FLOWING WITH POSITIVE DRAINAGE AWAY FROM BUILDING. THE CONTRACTOR IS TO NOTIFY THE LANDSCAPE ARCHITECT TO CLARIFY ANY PROBLEMS THAT MAY ARISE REGARDING DRAINAGE. REF. GRADING PLANS, SHEETS 22-38 FOR PROPOSED GRADING.
10. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES IN PLAN VS FIELD CONDITIONS IMMEDIATELY TO THE OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WITH THE PORTION OF WORK IN QUESTION.
11. THE CONTRACTOR IS RESPONSIBLE FOR SEEDING ANY NON-SEEDED AREAS DISTURBED DURING CONSTRUCTION.
12. MAINTAIN A MINIMUM OF THREE FOOT CLEARANCE AROUND FIRE HYDRANTS, FIRE DEPARTMENT CONNECTIONS OR OTHER FIRE SERVICE EQUIPMENT. NO TREE OR SHRUBS WILL BE ALLOWED WITHIN THIS AREA.
13. THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT LANDSCAPE, PUBLIC AND PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR FOR THEIR SUBCONTRACTORS DURING INSTALLATION OR DURING THE SPECIFIED MAINTENANCE PERIOD.
14. CALL FOR UTILITY LOCATES PRIOR TO ANY EXCAVATION.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE, INCLUDING SIDEWALKS, CURBS AND GUTTERS.
16. THE CONTRACTOR SHALL AT ALL TIMES MAINTAIN ON-SITE, A REDLINED AS-BUILT COPY OF THE APPROVED LANDSCAPE AND IRRIGATION PLANS AND SUBMIT TO THE OWNER AND LANDSCAPE ARCHITECT A COPY OF THE REDLINED AS-BUILT SET FOLLOWING CONSTRUCTION COMPLETION. ALL MODIFICATIONS TO SITE, LANDSCAPE, IRRIGATION, ETC. SHALL BE RECORDED ON THE AS-BUILT PLANS.

SOIL SAMPLING & TESTING:

- 17. CONTRACTOR SHALL PROVIDE SOIL SAMPLING AND TESTING IN ORDER TO DETERMINE APPROPRIATE SOIL AMENDMENTS FOR SOIL PREPARATION. AFTER COMPLETION OF TESTING, CONTRACTOR SHALL SUBMIT TEST RESULTS AND RECOMMENDATIONS FOR APPROVAL BY PROJECT MANAGER.
A. SOIL SAMPLING REQUIREMENTS:
I. HAVE SAMPLES TAKEN AND LABELED BY THE CONTRACTOR IN THE PRESENCE OF THE PROJECT MANAGER AND UNDER THE DIRECTION OF THE TESTING AGENCY.
II. MINIMUM OF FIVE (5) SAMPLES SHALL BE COLLECTED RANDOMLY THROUGHOUT THE AREAS THAT WILL RECEIVE SIMILAR SOIL PREPARATION, INCLUDING TURF AREAS, TREE WELLS, AND RAISED PLANTERS. PROVIDE A SITE PLAN OF THE SAMPLING LOCATIONS TO THE PROJECT MANAGER FOR APPROVAL PRIOR TO SAMPLING.
III. COLLECT COMPOSITE SAMPLES TO A DEPTH OF SIX INCHES (6") AND COMBINE IN A CLEAN PLASTIC CONTAINER.
IV. MIX SAMPLES TOGETHER THOROUGHLY, REMOVING PLANT DEBRIS AND BREAKING UP CLOUDS.
V. LABEL EACH SAMPLE WITH THE DATE, LOCATION KEYED TO A SITE PLAN OR OTHER LOCATION SYSTEM, VISIBLE SOIL CONDITION, AND SAMPLING DEPTH.
B. TESTING REQUIREMENTS:
I. SOIL TEXTURE: SOIL-PARTICLE, SIZE-DISTRIBUTION ANALYSIS BY THE FOLLOWING METHODS ACCORDING TO SSSA'S "METHODS OF SOIL ANALYSIS - PART 1 - PHYSICAL AND MINERALOGICAL METHODS":
a. SIEVING METHOD: REPORT SAND-GRADATION PERCENTAGES FOR VERY COARSE, COARSE, MEDIUM, FINE, AND VERY FINE SAND; AND FRAGMENT-GRADATION (GRAVEL) PERCENTAGES FOR FINE, MEDIUM, AND COARSE FRAGMENTS; ACCORDING TO USDA SAND AND FRAGMENT SIZES.
b. HYDROMETER METHOD: REPORT PERCENTAGES OF SAND, SILT, AND CLAY.
II. FERTILITY TESTING: SOIL-FERTILITY ANALYSIS SHALL INCLUDE THE FOLLOWING:
a. PERCENTAGE OF ORGANIC MATTER
b. CEC, CALCIUM PERCENT OF CEC, AND MAGNESIUM PERCENT OF CEC
c. SOIL REACTION (ACIDITY/ALKALINITY PH VALUE)
d. BUFFERED ACIDITY OR ALKALINITY
e. LIME ESTIMATE
f. SOIL TEXTURE ESTIMATE
g. NITROGEN PPM
h. PHOSPHOROUS PPM
i. POTASSIUM PPM
j. MANGANESE PPM
k. ZINC PPM
l. IRON PPM
m. BORON PPM
n. COPPER PPM
o. SODIUM PPM
p. SODIUM ABSORPTION RATIO (SAR)
q. SOLUBLE-SALTS PPM
r. PRESENCE AND QUANTITIES OF PROBLEM MATERIALS INCLUDING SALTS AND METALS CITED IN THE STANDARD PROTOCOL. IF SUCH PROBLEM MATERIALS ARE PRESENT, PROVIDE ADDITIONAL RECOMMENDATIONS FOR CORRECTIVE ACTION.
s. OTHER DELETERIOUS MATERIALS, INCLUDING THEIR CHARACTERISTICS AND CONTENT OF EACH.
III. RECOMMENDATIONS: BASED ON THE TEST RESULTS, PROVIDE RECOMMENDATIONS FOR SOIL TREATMENTS, AMENDMENTS, AND CONDITIONS TO BE INCORPORATED TO PRODUCE A SOIL SUITABLE FOR HEALTHY VIABLE PLANT GROWTH FOR THE SPECIES INDICATED IN THE CONTRACT DRAWINGS. INCLUDE, AT A MINIMUM, RECOMMENDATIONS FOR NITROGEN, PHOSPHOROUS, AND POTASSIUM FERTILIZATION, AND FOR MICRO-NUTRIENTS
a. FERTILIZERS AND SOIL AMENDMENT RATES: STATE RECOMMENDATIONS IN WEIGHT PER ONE THOUSAND (1,000) SQ. FT. FOR SIX INCH (6") DEPTH OF SOIL.
b. SOIL REACTION: STATE THE RECOMMENDED LIMING RATES FOR RAISING PH OR SULFUR FOR LOWERING PH ACCORDING TO THE BUFFERED ACIDITY OR BUFFERED ALKALINITY IN WEIGHT PER ONE THOUSAND (1,000) SQ. FT. FOR SIX INCH (6") DEPTH OF SOIL.

TOPSOIL:

- 18. IMPORTED TOPSOIL SHALL BE A LOAM OR SANDY LOAM CONFORMING TO ASTM D 5268. AT LEAST TEN (10) DAYS PRIOR TO TOPSOIL DELIVERY, NOTIFY THE PROJECT MANAGER OF THE SOURCE (S) FROM WHICH TOPSOIL IS TO BE FURNISHED. TOPSOIL SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE A NATURAL, FRABLE SOIL REPRESENTATIVE OF PRODUCTIVE SOILS AND SHALL MEET THE FOLLOWING CONDITIONS.
A. IT SHALL BE OBTAINED FROM THE TOP SIX-INCHES (6") OF WELL DRAINED AREAS.
B. FERTILE, FRABLE, LOAMY SOIL, REASONABLE FREE FROM SUBSOIL, REFUSE, ROOTS, HEAVY OR STIFF CLAY, STONES LARGER THAN ONE-INCH (1"), COARSE SAND, NOXIOUS SEEDS, STICKS, BRUSH, LITTER, AND OTHER DELETERIOUS SUBSTANCES; SUITABLE FOR THE GERMINATION OF SEEDS AND THE SUPPORT OF VEGETATIVE GROWTH.
C. THE pH VALUE SHALL BE BETWEEN 6.5 AND 8.5.
D. SOIL TEXTURE:
SAND: 30% TO 50%
SILT: 30% TO 50%
CLAY: 5% TO 30%
E. ADDITIVES: AS DETERMINED BY SOIL FERTILITY TESTS.
F. PERCENT ORGANIC CONTENT: TURF GRASS AREAS SHALL BE 3% TO 5% MAXIMUM AFTER AMENDING OR CONDITIONING.
G. SOLUBLE SALTS: ELECTRIC CONDUCTIVITY (EC) SHALL BE LESS THAN TWO (2.0) MMHOS/CM FOR TURFGRASS AREAS, DRYLAND AREAS, AND PLANTING BEDS.

SOIL PREPARATION:

- 19. SOIL AMENDMENTS FOR TURF AREAS:
A. CLASS I COMPOST MATERIAL SHALL CONSIST OF AGED ORGANIC MATTER, FREE OF WEED OR OTHER NOXIOUS PLANT SEEDS, LUMPS, STONES, OR OTHER FOREIGN CONTAMINANTS HARMFUL TO PLANT LIFE, AND HAVING THE FOLLOWING CHARACTERISTICS BASED ON A NUTRIENT TEST PERFORMED NO LONGER THAN 3 MONTHS PRIOR TO ITS INCORPORATION INTO THE PROJECT..
• ORGANIC MATTER: 25% MAXIMUM
• SALT CONTENT: 5.0 MMHOS/CM MAXIMUM
• pH: 7.5 MAXIMUM
• CARBON TO NITROGEN RATIO SHALL BE LESS THAN 20:1
B. MOUNTAIN PEAT, ASPEN HUMUS, GYPSUM AND SAND WILL NOT BE ACCEPTED.

- 20. IN GENERAL, TURF AND PLANTING AREAS SHALL RECEIVE SOIL AMENDMENTS UNLESS OTHERWISE NOTED OR SPECIFIED BY THE PROJECT MANAGER. FOR THE PURPOSE OF BIDDING, THE CONTRACTOR SHALL ASSUME ALL AREAS TO RECEIVE SOIL AMENDMENTS WILL BE AT 4 CUBIC YARDS PER 1,000 SQ. FT. ONCE SOILS TESTS HAVE BEEN RECEIVED AND DETERMINATION IS MADE ON THE PROPER AMOUNT TO BE ADDED TO THE SITE-SPECIFIC SOILS THE RATE TO BE APPLIED MAY BE ADJUSTED PER THE PRICE BASED ON THE SCHEDULE OF VALUES FOR SOIL AMENDMENTS.
21. WEED SEED ERADICATION: PERFORM PESTICIDE TREATMENT OVER THE ENTIRE AREA TO BE PLANTED DURING THE GROWING SEASON. ALLOW ENOUGH TIME TO SUCCESSFULLY COMPLETE THE ENTIRE PESTICIDE TREATMENT PROCESS (GERMINATE / TERMINATE) BEFORE PROCEEDING WITH PLANTING.
22. AREAS OF COMPACTED TOPSOIL: AREAS WITHIN THE WORK LIMITS OR AS DEFINED ON THE CONTRACT DRAWINGS OR BY THE PROJECT MANAGER THAT HAVE VEGETATION THAT IS SPARSE, STUNTED, ANEMIC, WEEDY OR WAS USED AS CONSTRUCTION STAGING, A PARKING AREA, AND/OR SUBJECTED TO HEAVY USE WILL REQUIRE RIPPING TO PREPARE THE SOIL FOR PLANTING. SCARIFY COMPACTED SOIL TO AN 8" MINIMUM DEPTH TO LOOSEN TOPSOIL.
23. AREAS THAT HAVE BEEN DISTURBED FOR CONSTRUCTION IMPLEMENTATION ACTIVITIES SHALL HAVE THE VEGETATION REMOVED, SOIL PREPARED PER THE SPECIFICATIONS, AND SOIL RECOMPACTED TO MEET THE COMPACTION REQUIREMENTS FOR THE SPECIFIED AREA.
24. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED AND APPROVED BY THE PROJECT MANAGER.
25. AFTER APPLYING SOIL AMENDMENTS, THOROUGHLY TILL AREA TO DEPTH OF 6" MINIMUM BY PLOWING, ROTOTILLING, HARROWING, OR DISKING UNTIL THE SOIL IS WELL PULVERIZED AND THOROUGHLY MIXED. SOIL CONDITIONERS AND FERTILIZER SHALL BE APPLIED TOPICALLY ONCE FINAL GRADE HAS BEEN ESTABLISHED AND JUST PRIOR TO SODDING OR SEEDING.
26. TAKE SOIL SAMPLES, IN SIMILAR LOCATIONS TO PRE-CONSTRUCTION TESTING, AND TEST AMENDED SOIL TO ENSURE THE FINAL PRODUCT MEETS THE LABORATORY RECOMMENDATIONS PRIOR TO PLANTING.

SOIL PREPARATION PROTECTION AND REPAIR:

- 27. PROVIDE AND INSTALL BARRIERS AS REQUIRED AND AS DIRECTED BY THE PROJECT MANAGER TO PROTECT COMPLETED AREAS AGAINST DAMAGE FROM PEDESTRIAN AND VEHICULAR TRAFFIC UNTIL ACCEPTANCE BY THE OWNER.
28. PROTECT AREAS OF IN-PLACE SOIL FROM ADDITIONAL COMPACTION, DISTURBANCE, AND CONTAMINATION. PROHIBIT THE FOLLOWING PRACTICES WITHIN THESE AREAS EXCEPT AS REQUIRED TO PERFORM PLANTING OPERATIONS:
E. STORAGE OF CONSTRUCTION MATERIALS, DEBRIS, OR EXCAVATED MATERIAL.
F. PARKING VEHICLES OR EQUIPMENT
G. VEHICLE TRAFFIC
H. FOOT TRAFFIC
I. ERECTION OF SHEDS OR STRUCTURES
J. IMPOUNDMENT OF WATER
K. EXCAVATION OR OTHER DIGGING UNLESS OTHERWISE INDICATED
29. IF PREPARED SOIL OR SUBGRADE IS DISTURBED OR CONTAMINATED PRIOR TO PLANTING, THE CONTRACTOR SHALL RESTORE OR REPLACE THE PLANTING SOIL AS DIRECTED BY THE PROJECT MANAGER AT NO COST TO THE OWNER.

FINE GRADING IN ALL LANDSCAPE AREAS:

- 30. COMPLETE FINE GRADING FOR ALL AREAS PRIOR TO SEEDING OR PLANTING. ALLOW FOR NATURAL SETTLEMENT.
31. FOR GROUND SURFACE AREA SURROUNDING BUILDINGS TO BE LANDSCAPED, MAINTAIN REQUIRED POSITIVE DRAINAGE AWAY FROM BUILDINGS.
32. ESTABLISH FINISH GRADES AS FOLLOWS:
33. LAWN, SEEDED, AND UNPAVED AREAS: FINISH AREAS TO WITHIN NOT MORE THAN +/- FIVE ONE-HUNDRETHS (0.05) OF A FOOT ABOVE OR BELOW REQUIRED ELEVATIONS.
34. FINISH GRADE SHALL BE BELOW EDGE OF PAVEMENT PRIOR TO SODDING, SEEDING OR PLANTING.
35. SODDED AREAS: ALLOW ONE AND ONE-HALF INCHES (1½") FOR SOD.
36. SEEDING AREAS: ALLOW ONE INCH (1" FOR SEED.
37. PLANTING BEDS: ALLOW FOUR INCHES (4") FOR MULCH.
38. COMPACTION OF SURFACE GRADE PRIOR TO LANDSCAPE INSTALLATION: FIRM, BUT NOT HARD, EIGHTY-FIVE PERCENT (85%) STANDARD PROCTOR DENSITY WITHIN TWO PERCENT (2%) OPTIMUM MOISTURE.
39. TURFGRASS LAWN AREAS: PRIOR TO ACCEPTANCE OF GRADES, HAND RAKE TO SMOOTH, EVEN SURFACE, FREE OF DEBRIS, CLOUDS, ROCKS AND ORGANIC MATTER GREATER THAN ONE INCH (1").
40. RESTORE PLANTING AREAS TO SPECIFIED CONDITION IF ERODED OR OTHERWISE DISTURBED AFTER FINE GRADING AND PRIOR TO PLANTING.

SODDING:

- 41. TURF SHALL BE PALISADES ZOYSIA, AS SUPPLIED BY WOERNER LANDSCAPE (833-963-763), OR EQ.
42. SOD SHALL BE INSTALLED BY A QUALIFIED LANDSCAPE INSTALLER WHOSE WORK HAS RESULTED IN SUCCESSFUL TURF ESTABLISHMENT. MINIMUM 5 YEARS EXPERIENCE IN TURF INSTALLATION.
43. SOD PRODUCER SHALL BE A COMPANY SPECIALIZING IN SOD PRODUCTION AND HARVESTING WITH A MINIMUM OF 5 YEARS EXPERIENCE, AND CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF AGRICULTURE.
44. ESTABLISHMENT OF THE SODDED AREAS ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE PER THE FOLLOWING REQUIREMENTS:
A. GENERAL: THE ESTABLISHMENT PERIOD SHALL BEGIN IMMEDIATELY AFTER EACH AREA IS SODDED AND CONTINUE FOR 60 DAYS OR AS DETERMINED BY THE PROJECT MANAGER. DURING THIS TIME, THE CONTRACTOR IS RESPONSIBLE FOR WATERING, MOWING, SPRAYING, WEEDING, FERTILIZING AND ALL RELATED WORK AS NECESSARY TO ENSURE THAT SODDED AREAS ARE IN A VIGOROUS GROWING CONDITION. PROVIDE ALL SUPERVISION, LABOR, MATERIAL AND EQUIPMENT TO DEVELOP AND MAINTAIN SODDED AREAS FROM TIME OF INSTALLATION.
B. MOWING AND TRIMMING: WHEN TURFGRASSES REACH 3½" IN HEIGHT, BEGIN WEEKLY MOWING PROGRAM TO MAINTAIN TURF AT 2½" TO 3" HEIGHT. DO NOT REMOVE MORE THAN ¼ THE HEIGHT OF THE GRASS BLADE IN A SINGLE MOWING. DO NOT MOW WHEN GRASS IS WET. ALL CLIPPINGS FROM ADJACENT PAVED AREAS MOWED TURF AREAS SHALL BE REMOVED TO THE SATISFACTION OF THE PROJECT MANAGER.
C. FERTILIZING: WITHIN 30 DAYS OF SODDING AND EVERY 60 DAYS THEREAFTER UNTIL ACCEPTANCE, APPLY SPECIFIED FERTILIZER TO MAINTAIN OPTIMAL TURF VIGOR OR PER THE DIRECTION OF THE PROJECT MANAGER.
D. WEED CONTROL: CONTROL ANNUAL WEEDS BY MOWING. DO NOT USE PESTICIDES UNLESS APPROVED BY THE PROJECT MANAGER AND OWNER.
E. INSECT AND DISEASE CONTROL: AS NEEDED, APPLY INSECTICIDE AND FUNGICIDE APPROVED BY THE PROJECT MANAGER AND OWNER.
45. SUBSTANTIAL COMPLETION OF SOD AREAS SHALL BE GRANTED WHEN THE SOD HAS BEEN APPLIED AND STABILIZED OR PER THE DIRECTION OF THE PROJECT MANAGER.
46. FINAL ACCEPTANCE WILL BE DEFINED AS A HEALTHY UNIFORM TURF OVER THE ENTIRE SODDED AREA THAT DOES NOT CONTAIN ANY STRESSED OR BARE SPOTS GREATER THAN ONE (1) SQ. FT.
A. SIXTY (60) DAYS AFTER SODDING, PRIOR TO FINAL ACCEPTANCE, THE SODDED AREAS SHALL BE REVIEWED BY THE PROJECT MANAGER AND THE CONTRACTOR. ANY AREAS AS DETERMINED BY THE PROJECT MANAGER WHERE THE SOD HAS FAILED TO ESTABLISH SHALL BE RE-SODDED.
B. THE PROJECT MANAGER SHALL BE SATISFIED WITH ESTABLISHMENT. THE SODDED AREAS SHALL HAVE A FULL STAND OF GRASS, IN A VIGOROUS GROWING CONDITION, THOROUGHLY ROOTED TO THE SOIL WITH ABSENCE OF VISIBLE JOINTS.

TREES, PLANTS & GROUND COVERS:

- 47. DO NOT PROCEED WITH LANDSCAPE WORK UNTIL WEED GROWTH HAS BEEN CONTROLLED AND ELIMINATED, PER "SOIL PREPARATION", THIS SHEET.
48. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES.
49. FURNISH AND INSTALL NURSERY-GROWN TREES AND SHRUBS CONFORMING TO THE REQUIREMENTS OF ANSI-Z-60 AND ANSI A300, PART 6, WITH HEALTHY ROOT SYSTEMS DEVELOPED BY TRANSPANTING OR ROOT PRUNING. PROVIDE WELL SHAPED, SYMMETRICAL, FULLY BRANCHED, HEALTHY, AND VIGOROUS STOCK FREE OF DISEASE, INSECTS, EGGS, LARVAE, GIRDLING, AND DEFECTS SUCH AS SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT.
50. CONTRACTOR MAY REQUEST PLANT MATERIAL SUBSTITUTIONS, SUBJECT TO CITY APPROVAL. OVERALL PLANT QUANTITIES AND SIZING SHALL REMAIN AS INDICATED ON THE PLANT SCHEDULE. THE CONTRACTOR SHALL VERIFY THAT ANY SUBSTITUTED PLANT SPECIES ARE ACCEPTABLE TO THE LOCAL MUNICIPALITY OR GOVERNING JURISDICTIONS.
51. PLANT SPECIES AND LOCATION SHOULD FOLLOW APPROVED PLAN. IF SITE CONDITIONS OR PLANT AVAILABILITY REQUIRE CHANGES TO THE PLAN, THEN THE APPLICANT MUST GET APPROVAL FROM THE CITY OF CRESTVIEW.
52. ALL DECIDUOUS TREES OF ONE SPECIES USED IN FORMAL ROWS OR GROUPINGS SHALL EXHIBIT CULTURAL UNIFORMITY, I.E. "MATCHED" IN HEIGHT, CROWN WIDTH AND SHAPE, HEIGHT TO FIRST BRANCH, AND TRUNK TAPER. FOR THIS REASON, IT IS DESIRED THAT THESE TREES BE PRODUCED BY A SINGLE GROWER.
53. ALL CONTAINER GROWN NURSERY STOCK SHALL BE HEALTHY, VIGOROUS, WELL ROOTED, AND ESTABLISHED IN THE CONTAINER IN WHICH IT IS GROWING. CONTAINER GROWN NURSERY STOCK SHALL HAVE A WELL ESTABLISHED ROOT SYSTEM REACHING THE SIDES OF THE CONTAINER TO MAINTAIN A FIRM BALL WHEN THE CONTAINER IS REMOVED, BUT SHALL NOT HAVE GIRDLED OR KINKED ROOTS AND/OR ROOT GROWTH ENIRCILING THE INSIDE OF THE CONTAINER.
54. UNLESS OTHERWISE DIRECTED BY THE PROJECT MANAGER, THE PLANT PIT BACKFILL MATERIAL SHALL CONSIST OF THE FOLLOWING, THOROUGHLY MIXED:
A. SOIL ORIGINALLY EXCAVATED FROM THE PIT: TWO-THIRDS (2/3) PROPORTION OF TOTAL MIX.
B. SOIL AMENDMENT AS SPECIFIED UNDER "SOIL PREPARATION", THIS SHEET.
C. IF IMPORTED TOPSOIL IS REQUIRED, IT SHALL MEET THE REQUIREMENTS SPECIFIED UNDER "TOPSOIL", THIS SHEET.
55. EXCAVATE PLANTING HOLES WITH SLOPING SIDES. DO NOT DISTURB SOIL AT BOTTOM OF PLANTING HOLES. SCARIFY OR ROUGHEN SIDES OF TREE PIT BY HAND TO ELIMINATE ANY GLAZING. MAKE EXCAVATIONS AT LEAST THREE TIMES AS WIDE AS THE ROOT BALL DIAMETER AND LESS (THREE TO FIVE INCHES) THAN THE DISTANCE FROM THE TOP MOST ROOT IN THE ROOT BALL AND THE BOTTOM OF THE ROOT BALL. THE PLANTING AREA SHALL BE LOOSENED AND AERATED AT LEAST THREE TO FIVE TIMES THE DIAMETER OF THE ROOT BALL.
56. TREES SHALL BE PLANTED WITH THE TOP-MOST ROOT IN THE ROOT BALL 3" TO 5" HIGHER THAN THE FINISHED LANDSCAPE GRADE. THIS INCLUDES TREES THAT ARE SET ON SLOPES. SET ROOT BALL ON UNDISTURBED SOIL. TREES WHERE THE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE ROOT BALL WITH SOIL.
57. CUT OFF BOTTOM 1/3 OF WIRE BASKET BEFORE PLACING TREE IN HOLE. CUT OFF REMAINDER OF BASKET AFTER TREE IS SET IN HOLE. REMOVE BASKET COMPLETELY. REMOVE ALL NYLON TIES, TWINE, ROPE AND BURLAP AS POSSIBLE. REMOVE UNNECESSARY PACKING MATERIAL.

- 58. PLACE BACKFILL AROUND BALL IN LAYERS. WHEN PIT IS APPROXIMATELY ONE-HALF BACKFILLED, WATER THOROUGHLY AND ALLOW TO ABSORB INTO SOIL TO ELIMINATE VOIDS AND AIR POCKETS PRIOR TO PLACING REMAINDER OF BACKFILL. REPEAT WATERING UNTIL NO MORE IS ABSORBED. WATER AGAIN AFTER PLACING FINAL LAYER OF BACKFILL.
59. FORM SOIL INTO A 3" TO 5" TALL WATERING RING (SAUCER) AROUND PLANTING AREA. APPLY 4" DEPTH OF ROCK MULCH INSIDE WATERING RING.
60. STAKING AND GUYING OF TREES IS OPTIONAL IN MOST PLANTING SITUATIONS. IN AREAS OF EXTREME WINDS, OR ON STEEP SLOPES, STAKING MAY BE NECESSARY TO STABILIZE TREES. CONTRACTOR SHALL VERIFY WITH LANDSCAPE ARCHITECT, PROJECT MANAGER, AND/OR OWNER WHETHER STAKING IS NECESSARY. STAKING AND GUYING MUST BE REMOVED WITHIN 1 YEAR OR LESS OF PLANTING DATE.
61. ALL PLANT MATERIAL SHALL CARRY A WARRANTY FOR A PERIOD OF NOT LESS THAN 1 YEAR AFTER ACCEPTANCE OF THE PROJECT BY THE OWNER. WARRANTY SHALL BE A ONE-TIME REPLACEMENT THAT INCLUDES PLANT MATERIAL AND LABOR COSTS.
62. TREE GUARDS, AS SHOWN ON SHEET 72, SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AT ALL TREE WELLS, LONG SIDES ONLY (PARALLEL TO CURB & GUTTER).

SITE FURNISHINGS:

- 63. REF. LANDSCAPE PLANS AND DETAILS FOR SITE FURNITURE QUANTITIES, DESCRIPTIONS, AND DETAILS.
64. LOCATE ALL FURNITURE ON SITE FOR REVIEW BY THE PROJECT MANAGER PRIOR TO INSTALLATION.
65. ALL SITE FURNISHINGS SHALL BE SET PLUMB AND LEVEL AND SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
66. PRIOR TO COMPLETION OF PROJECT, CLEAN ALL SITE FURNISHINGS TO REMOVE ANY DUST, DIRT, OR DEBRIS. PROVIDE A CLEAN FACTORY FINISH AT TIME OF SUBSTANTIAL COMPLETION.

BRICK PAVERS:

- 67. BRICK PAVERS FOR AMENITY ZONE AREAS SHALL BE HOLLAND STONE PAVERS AS PROVIDED BY PAVESTONE, INC; 60MM THICKNESS, COLOR: OLD TOWN BLEND. SAMPLES OF CONCRETE PAVERS SHALL BE PROVIDED FOR APPROVAL PRIOR TO CONSTRUCTION. WWW.KEYSTONEHARDSCAPES.COM
68. JOINT SAND FOR BRICK PAVERS SHALL BE NATURAL JOINT SAND:
A. WASHED, CLEAN, NON-PLASTIC, FREE FROM DELETERIOUS OR FOREIGN MATTER, SYMMETRICALLY SHAPED, NATURAL OR MANUFACTURED FROM CRUSHED ROCK.
B. DO NOT SURE LIMESTONE SCREENINGS, STONE DUST, OR SAND FOR THE JOINT SAND MATERIAL THAT DOES NOT CONFORM TO THE GRADING REQUIREMENTS OF ASTM C33.
C. UTILIZE SANDS THAT ARE AS HARD AS PRACTICALLY AVAILABLE WHERE CONCRETE PAVERS ARE SUBJECT TO VEHICULAR TRAFFIC.
D. GRADATION REQUIREMENTS PER ASTM C144. PERCENT PASSING SIEVE SIZE:
• NO. 4 (4.75 mm): 100 PERCENT
• NO. 8 (2.36 mm): 95 TO 100 PERCENT
• NO. 16 (1.18 mm): 70 TO 100 PERCENT
• NO. 30 (0.60 mm): 40 TO 75 PERCENT
• NO. 50 (0.30 mm): 10 TO 30 PERCENT
• NO. 100 (0.15 mm): 2 TO 15 PERCENT
• NO. 200 (0.075 mm): 0 TO 1 PERCENT
70. SETTING BED SAND:
A. WASHED, CLEAN, NON-PLASTIC, FREE FROM DELETERIOUS OR FOREIGN MATTER, SYMMETRICALLY SHAPED, NATURAL OR MANUFACTURED FROM CRUSHED ROCK.
B. DO NOT SURE LIMESTONE SCREENINGS, STONE DUST, OR SAND FOR THE SETTING BED MATERIAL THAT DOES NOT CONFORM TO THE GRADING REQUIREMENTS OF ASTM C33.
C. DO NOT USE MASON SAND OR SAND CONFORMING TO ASTM C144.
D. UTILIZE SANDS THAT ARE AS HARD AS PRACTICALLY AVAILABLE WHERE PAVERS ARE SUBJECT TO VEHICULAR TRAFFIC.
E. GRADATION REQUIREMENTS PER ASTM C33. PERCENT PASSING SIEVE SIZE:
• 5 (9.5 mm): 100 PERCENT
• NO. 4 (4.75 mm): 95 TO 100 PERCENT
• NO. 8 (2.36 mm): 80 TO 100 PERCENT
• NO. 16 (1.18 mm): 50 TO 85 PERCENT
• NO. 30 (0.60 mm): 25 TO 80 PERCENT
• NO. 50 (0.30 mm): 5 TO 30 PERCENT
• NO. 100 (0.15 mm): 0 TO 10 PERCENT
• NO. 200 (0.075 mm): 0 TO 1 PERCENT

GEOTEXTILE FABRIC:

- A. 4 OUNCE, NON-WOVEN, NEEDLE PUNCHED GEOTEXTILE COMPOSED OF 100% POLYPROPYLENE STAPLE FIBERS THAT ARE INERT TO BIOLOGICAL DEGRADATION AND RESISTS NATURALLY ENCOUNTERED CHEMICALS, ALKALIS, AND ACIDS.
B. ACCEPTABLE PRODUCTS:
• CARTHAGE MILLS FX-40HS
• U.S. FABRICS US 115NW
• MIRA-140N
72. PAVER EDGE RESTRAINT SHALL BE EDGE-PRO RIGID PAVER RESTRAINT AS MANUFACTURED BY DIMEX CORPORATION, OR EQ.
73. DO NOT BEGIN INSTALLATION UNTIL SUBSTRATES HAVE BEEN PROPERLY CONSTRUCTED AND PREPARED.
74. PREPARE SURFACES USING METHODS RECOMMENDED BY THE MANUFACTURER FOR ACHIEVING THE BEST RESULT FOR THE SUBSTRATE UNDER THE PROJECT CONDITIONS.
75. PREVENT DAMAGE TO UNDERDRAIN PIPES, OVERFLOW PIPES, OBSERVATION WELLS, OR INLETS AND OTHER DRAINAGE APPURTENANCES DURING INSTALLATION.
76. INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND IN PROPER RELATIONSHIP WITH ADJACENT CONSTRUCTION.
77. CUT PAVERS AS RECOMMENDED BY MANUFACTURER.
78. VIBRATE PAVERS TO LEVELING COURSE AS RECOMMENDED BY MANUFACTURER.
79. SPREAD JOINT MATERIAL AND VIBRATE UNTIL JOINTS ARE COMPLETELY FILLED.
80. SWEEP PAVERS OF EXCESS MATERIAL AFTER JOINTS ARE FILLED.
81. VERIFY FINAL ELEVATIONS FOR CONFORMANCE TO THE DRAWINGS.
A. PREVENT FINISHED GRADE ELEVATIONS FROM DEVIATING MORE THAN 3/8" UNDER A 10 FOOT STRAIGHT EDGE OR INDICATED SLOPE.
B. LIPPAGE, PAVES TO-PAVER: NO GREATER THAN 1/8" DIFFERENCE IN HEIGHT BETWEEN ADJACENT PAVERS.
81. PREVENT TRAFFIC ON PAVERS UNTIL JOINT MATERIAL IS VIBRATED INTO JOINTS.
82. CLEAN PRODUCTS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
83. TOUCH-UP, REPAIR, OR REPLACE DAMAGED PRODUCTS BEFORE SUBSTANTIAL COMPLETION.
84. MAINTENANCE:
A. REMOVE ALL DEBRIS FROM JOINT AND PROVIDE ADDITIONAL JOINT SAND AFTER 120 DAYS AND BEFORE 150 DAYS AFTER DATE OF SUBSTANTIAL COMPLETION.
B. FILL AND SWEEP JOINT SAND MATERIAL FULL TO THE LIP OF THE PAVER IN JOINTS AS NEEDED.
C. ANNUAL MAINTENANCE
• ANNUALLY INSPECT PERMEABLE JOINT AGGREGATE MATERIAL FOR AREAS CLOGGED WITH DEBRIS.
• VACUUM OR SWEEP AS NECESSARY TO RESTORE SURFACE INFILTRATION.
• REPLENISH REMOVED JOINT SAND MATERIAL WITH CLEAN MATERIAL FLUSH TO PAVER LIP AS NEEDED.
• SWEEP EXCESS MATERIAL FROM PAVER SURFACE.

RAISED PLANTER STONE VENEER AND STONE CAP:

- 85. STONE VENEER AND STONE CAP FOR RAISED PLANTERS SHALL BE AS SHOWN ON THE DETAIL, SHEET 73.
86. SAMPLES OF STONE VENEER AND STONE CAP SHALL BE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION
87. MORTAR COLOR SHALL MATCH STONE AS CLOSE AS POSSIBLE. SAMPLES OF EACH MORTAR COLOR SHALL BE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION.
88. ALL STONE VENEER AND STONE CAP SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
89. INSTALLATION SHALL BE BY A QUALIFIED INSTALLER WHOSE WORK HAS RESULTED IN SUCCESSFUL STONE VENEER AND CAP INSTALLATION. MINIMUM 5 YEARS EXPERIENCE.
90. ALL STONE VENEER AND STONE CAP SHALL BE CLEANED AND SEALED AFTER INSTALLATION, PER MANUFACTURER'S SPECIFICATIONS.

STAMPED COLORED CONCRETE CROSSWALKS:

- 91. PROVIDE JOINTS PER DETAIL, SHEET 73.
92. STAMP PATTERN AND COLOR SHALL BE PER DETAIL, SHEET 73.
93. PROVIDE ON-SITE SAMPLE FOR APPROVAL PRIOR TO CONSTRUCTION.
94. CONCRETE AND AGGREGATE BASE SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF CRESTVIEW ENGINEERING STANDARDS MANUAL AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
95. PROVIDE CONCRETE MIX DESIGN FOR APPROVAL PRIOR TO CONSTRUCTION.

Table with columns for REFERENCE DRAWINGS, No., DATE, DESCRIPTION, REVISIONS, and BY.

Table with columns for PREPARED FOR (The City Of Crestview Florida) and PREPARED BY (Matrix).

Table with columns for PREPARED BY (Matrix) and SCALE (1" = 10'-0").

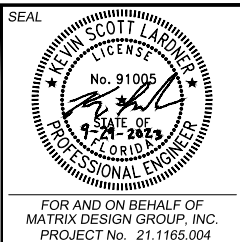
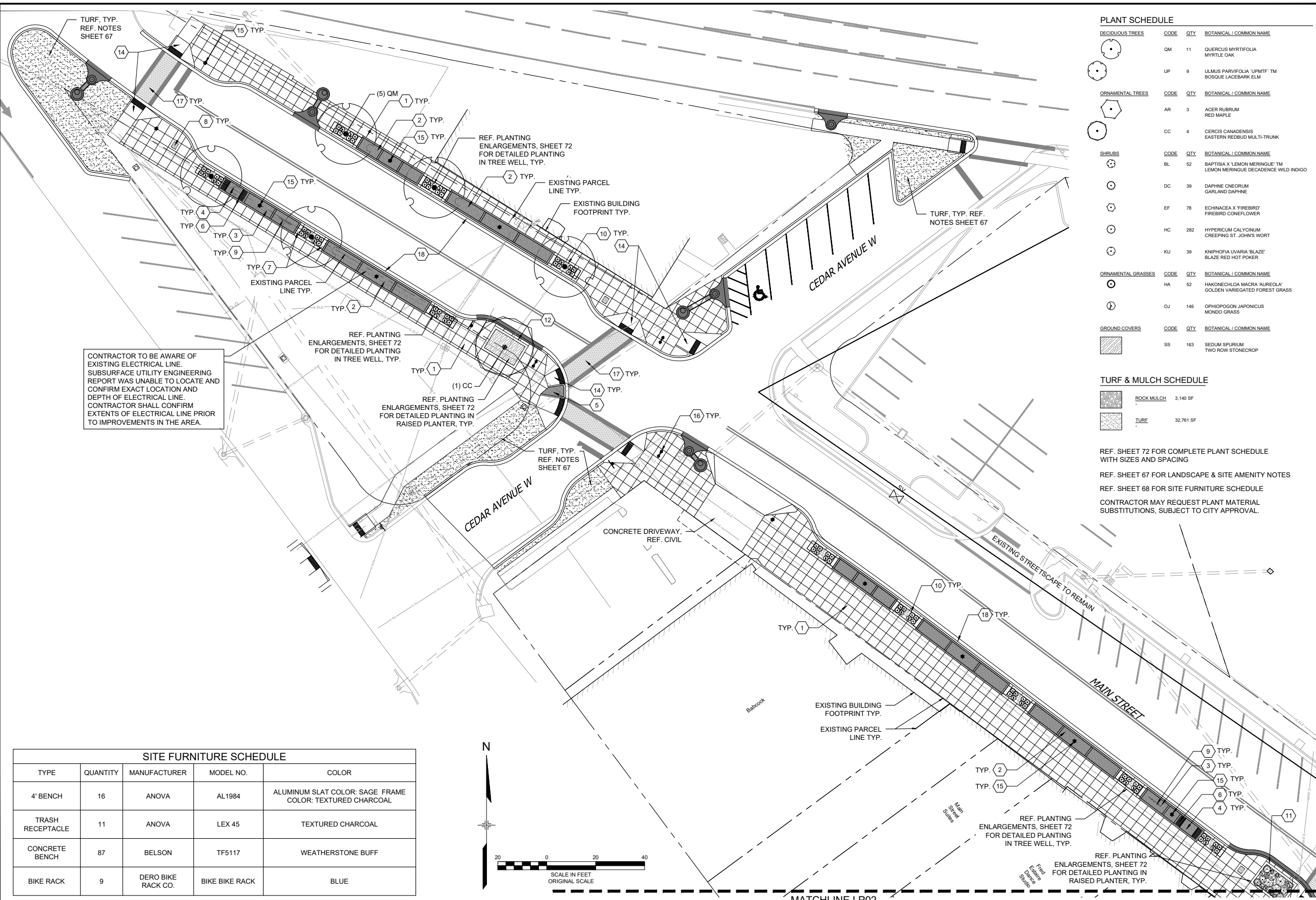


Table with columns for MAIN STREET IMPROVEMENTS, CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01, ENGINEERING PLANS, LANDSCAPE NOTES, and DESIGNER/MATRIX DESIGN GROUP, INC. PROJECT No. 21.1165.004.



Know what's below.  
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### PLANT SCHEDULE

DECIDUOUS TREES	CODE	QTY	BOTANICAL / COMMON NAME
QM	11		QUERCUS MYRTIFOLIA MYRTLE OAK
UP	9		ULMUS PARVIFOLIA 'UPMFF' TM BOSQUE LACEBARK ELM
ORNAMENTAL TREES	CODE	QTY	BOTANICAL / COMMON NAME
AR	3		ACER RUBRUM RED MAPLE
CC	4		CERCIS CANADENSIS EASTERN REDBUD MULTI-TRUNK
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME
BL	52		BAPTISIA X 'LEMON MERINGUE' TM LEMON MERINGUE DECADENCE WILD INDIGO
DC	39		DAPHNE CNEORUM GARLAND DAPHNE
EF	78		ECHINACEA X 'FIREBIRD' FIREBIRD CONEFLOWER
HC	282		HYPERICUM CALYCEUM CREEPING ST. JOHN'S WORT
KU	39		KNIPHOFIA UVARIA 'BLAZE' BLAZE RED HOT POKER
ORNAMENTAL GRASSES	CODE	QTY	BOTANICAL / COMMON NAME
HA	52		HAKONECHLOA MACRA 'AUREOLA' GOLDEN VARIEGATED FOREST GRASS
CJ	146		OPHIPOGON JAPONICUS MONDO GRASS
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME
SS	163		SEDUM SPURIMUM TWO ROW STONECROP

### TURF & MULCH SCHEDULE

ROCK MULCH	3,140 SF
TURF	32,761 SF

REF. SHEET 72 FOR COMPLETE PLANT SCHEDULE WITH SIZES AND SPACING  
 REF. SHEET 67 FOR LANDSCAPE & SITE AMENITY NOTES  
 REF. SHEET 68 FOR SITE FURNITURE SCHEDULE  
 CONTRACTOR MAY REQUEST PLANT MATERIAL SUBSTITUTIONS, SUBJECT TO CITY APPROVAL.

### KEY NOTES

DESCRIPTION	REFERENCE
1 CONCRETE PAVING	DET 5 / 73
2 BRICK PAVER AREA A	DET 1 / 74
3 BRICK PAVER AREA B	DET 2 / 74
4 MEMORIAL BRICK PATTERN	DET 3 / 74
5 CORNER BRICK PAVER AREA	DET 7 / 74
6 4' BENCH	DET 1 / 73
7 CONCRETE BENCH	DET 4 / 73
8 TRASH RECEPTACLE	DET 2 / 73
9 BIKE RACK	DET 3 / 73
10 TREE WELL	DET 4 / 72 & 5 / 72
11 RAISED PLANTER A	DET 1 / 72 & 6 / 73
12 RAISED PLANTER B	DET 2 / 72 & 6 / 73
13 RAISED PLANTER C	DET 3 / 72 & 6 / 73
14 CURB RAMP	REF. CIVIL
15 SINGLE PEDESTRIAN LIGHT	REF. LIGHTING PLANS
16 DOUBLE PEDESTRIAN LIGHT	REF. LIGHTING PLANS
17 STAMPED CONCRETE CROSSWALK	DET 7 / 73
18 CURB & GUTTER	REF. CIVIL

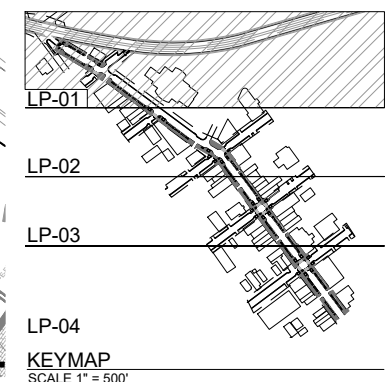
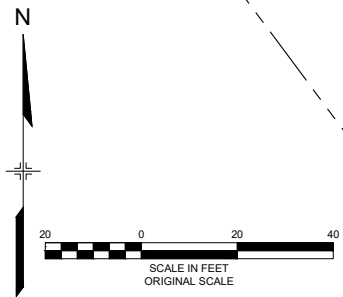
### LEGEND

- 4' BENCH
- TRASH RECEPTACLE
- CONCRETE BENCH
- BIKE RACK
- EXISTING SINGLE LIGHT POST (RELOCATED); REF. LIGHTING PLANS
- EXISTING DOUBLE LIGHT POST (RELOCATED); REF. LIGHTING PLANS
- PROPOSED REGULATORY SIGN
- EXISTING PARCEL LINE
- EXISTING BUILDING EDGE
- PROPOSED STORM SEWER CURB INLET
- PROPOSED STORM SEWER MANHOLE
- PROPOSED STORM SEWER PIPE
- EXISTING WATER LINE
- EXISTING OVERHEAD UTILITY
- EXISTING UNDERGROUND ELECTRIC
- EXISTING SANITARY SEWER
- EXISTING FIBEROPTIC
- EXISTING GAS LINE
- EXISTING STORM SEWER
- FIRE HYDRANT

CONTRACTOR TO BE AWARE OF EXISTING ELECTRICAL LINE. SUBSURFACE UTILITY ENGINEERING REPORT WAS UNABLE TO LOCATE AND CONFIRM EXACT LOCATION AND DEPTH OF ELECTRICAL LINE. CONTRACTOR SHALL CONFIRM EXTENTS OF ELECTRICAL LINE PRIOR TO IMPROVEMENTS IN THE AREA.

### SITE FURNITURE SCHEDULE

TYPE	QUANTITY	MANUFACTURER	MODEL NO.	COLOR
4' BENCH	16	ANOVA	AL1984	ALUMINUM SLAT COLOR: SAGE FRAME COLOR: TEXTURED CHARCOAL
TRASH RECEPTACLE	11	ANOVA	LEX 45	TEXTURED CHARCOAL
CONCRETE BENCH	87	BELSON	TF5117	WEATHERSTONE BUFF
BIKE RACK	9	DERO BIKE RACK CO.	BIKE BIKE RACK	BLUE



REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
X-MDG22x34-TEP KEYMAP 1185-P-Roads 210713 CVIEW EX-Survey LA-BASE 1185-P-LIB LA-BASE-PLANTING				

COMPUTER FILE MANAGEMENT  
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 CTB FILE: MATRIX.CTB  
 PLOT DATE: SEPTEMBER 2023  
 THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.

PREPARED FOR:  
 The City Of  
**CRESTVIEW**  
 FLORIDA

198 North Wilson Street  
 Crestview, FL 32536  
 Phone: 850-682-1560  
 www.cityofcrestview.org

PREPARED BY:  
**Matrix**  
 Excellence by Design

320 Bayshore Drive, Suite B  
 Niceville, FL 32578  
 Phone: 850-279-4298  
 www.matrixdesigngroup.com

SEAL

FOR AND ON BEHALF OF  
 MATRIX DESIGN GROUP, INC.  
 PROJECT No. 21.1165.004

### MAIN STREET IMPROVEMENTS

CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

### LANDSCAPE PLAN 01

DESIGNED BY: TK	SCALE: HORIZ. 1" = 20'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. LP01
CHECKED BY: CH	VERT. N/A	SHEET 68 OF 99	



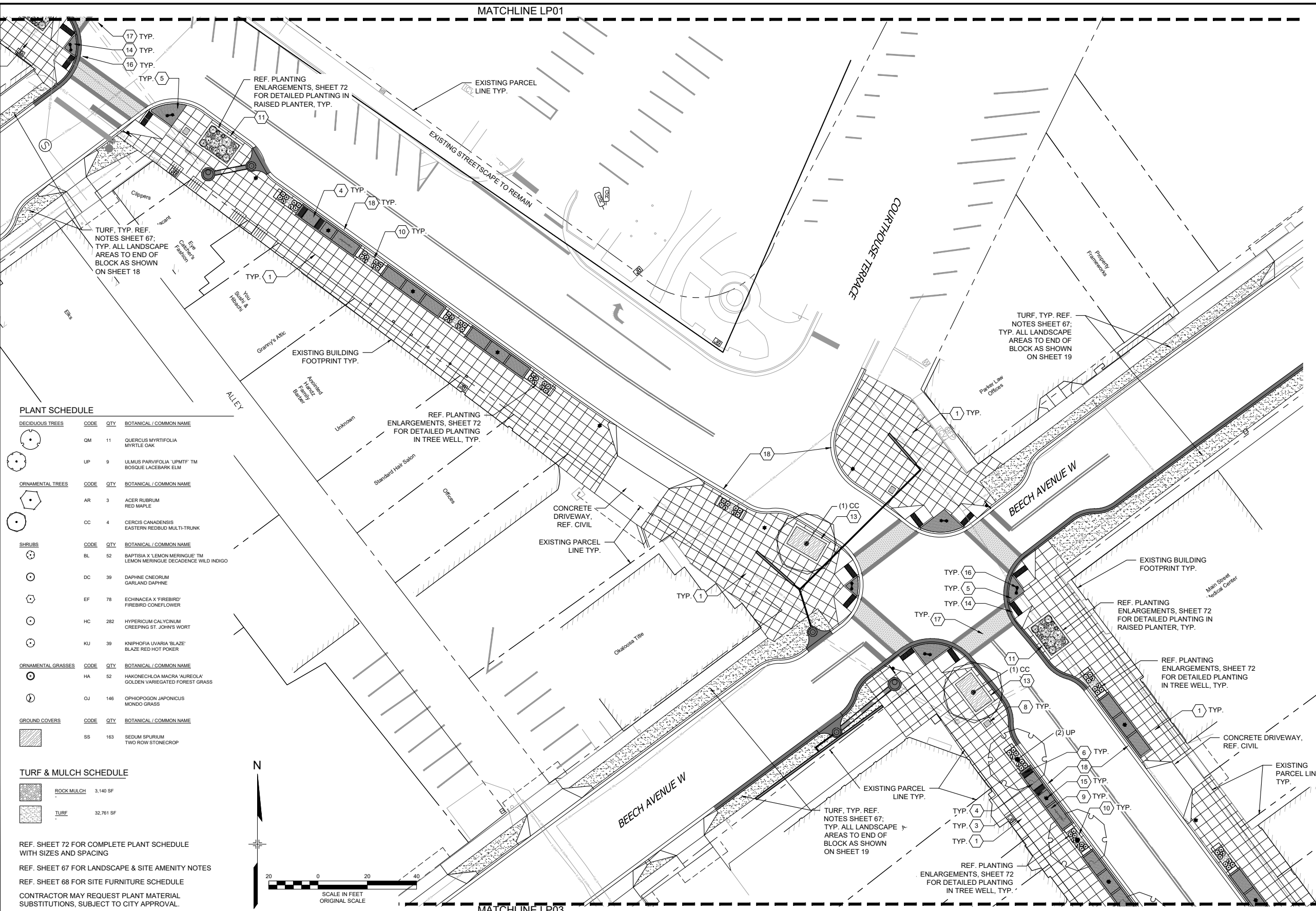
Know what's below.  
Call before you dig.

**KEY NOTES**

DESCRIPTION	REFERENCE
1 CONCRETE PAVING	DETL 5 / 73
2 BRICK PAVER AREA A	DETL 1 / 74
3 BRICK PAVER AREA B	DETL 2 / 74
4 MEMORIAL BRICK PATTERN	DETL 3 / 74
5 CORNER BRICK PAVER AREA	DETL 7 / 74
6 4' BENCH	DETL 1 / 73
7 CONCRETE BENCH	DETL 4 / 73
8 TRASH RECEPTACLE	DETL 2 / 73
9 BIKE RACK	DETL 3 / 73
10 TREE WELL	DETL 4 / 72 & 5 / 72
11 RAISED PLANTER A	DETL 1 / 72 & 6 / 73
12 RAISED PLANTER B	DETL 2 / 72 & 6 / 73
13 RAISED PLANTER C	DETL 3 / 72 & 6 / 73
14 CURB RAMP	REF. CIVIL
15 SINGLE PEDESTRIAN LIGHT	REF. LIGHTING PLANS
16 DOUBLE PEDESTRIAN LIGHT	REF. LIGHTING PLANS
17 STAMPED CONCRETE CROSSWALK	DETL 7 / 73
18 CURB & GUTTER	REF. CIVIL

**LEGEND**

[Symbol]	4' BENCH
[Symbol]	TRASH RECEPTACLE
[Symbol]	CONCRETE BENCH
[Symbol]	BIKE RACK
[Symbol]	EXISTING SINGLE LIGHT POST (RELOCATED); REF. LIGHTING PLANS
[Symbol]	EXISTING DOUBLE LIGHT POST (RELOCATED); REF. LIGHTING PLANS
[Symbol]	PROPOSED REGULATORY SIGN
[Symbol]	EXISTING PARCEL LINE
[Symbol]	EXISTING BUILDING EDGE
[Symbol]	PROPOSED STORM SEWER CURB INLET
[Symbol]	PROPOSED STORM SEWER MANHOLE
[Symbol]	PROPOSED STORM SEWER PIPE
[Symbol]	EXISTING WATER LINE
[Symbol]	EXISTING OVERHEAD UTILITY
[Symbol]	EXISTING UNDERGROUND ELECTRIC
[Symbol]	EXISTING SANITARY SEWER
[Symbol]	EXISTING FIBEROPTIC
[Symbol]	EXISTING GAS LINE
[Symbol]	EXISTING STORM SEWER
[Symbol]	FIRE HYDRANT



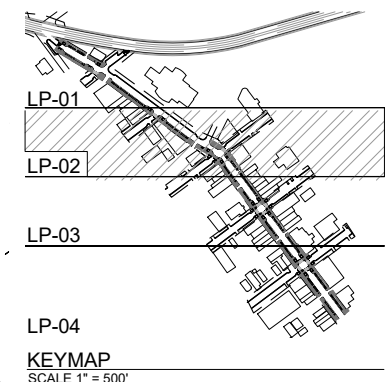
**PLANT SCHEDULE**

DECIDUOUS TREES	CODE	QTY	BOTANICAL / COMMON NAME
QM	11		QUERCUS MYRTIFOLIA MYRTLE OAK
UP	9		ULMUS PARVIFOLIA 'UPMIF' TM BOSQUE LACEBARK ELM
ORNAMENTAL TREES	CODE	QTY	BOTANICAL / COMMON NAME
AR	3		ACER RUBRUM RED MAPLE
CC	4		CERCIS CANADENSIS EASTERN REDBUD MULTI-TRUNK
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME
BL	52		BAPTISIA X 'LEMON MERINGUE' TM LEMON MERINGUE DECADENCE WILD INDIGO
DC	39		DAPHNE CNEORUM GARLAND DAPHNE
EF	78		ECHINACEA X 'FIREBIRD' FIREBIRD CONEFLOWER
HC	282		HYPERICUM CALYCIUM CREEPING ST. JOHNS WORT
KU	39		KNIPHOFIA UVARIA 'BLAZE' BLAZE RED HOT POKER
ORNAMENTAL GRASSES	CODE	QTY	BOTANICAL / COMMON NAME
HA	52		HAKONECHLOA MACRA 'AUREOLA' GOLDEN VARIEGATED FOREST GRASS
OJ	146		OPHIPOGON JAPONICUS MONDO GRASS
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME
SS	163		SEDUM SPURILUM TWO ROW STONECROP

**TURF & MULCH SCHEDULE**

ROCK MULCH	3,140 SF
TURF	32,761 SF

REF. SHEET 72 FOR COMPLETE PLANT SCHEDULE WITH SIZES AND SPACING  
 REF. SHEET 67 FOR LANDSCAPE & SITE AMENITY NOTES  
 REF. SHEET 68 FOR SITE FURNITURE SCHEDULE  
 CONTRACTOR MAY REQUEST PLANT MATERIAL SUBSTITUTIONS, SUBJECT TO CITY APPROVAL.



REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
X-MDG22x34-TEP				
KEYMAP				
1165-P-Roads				
210713 CIVIEW EX-Survey				
LA-BASE				
1165-P-Util				
LA-BASE-PLANTING				

**COMPUTER FILE MANAGEMENT**

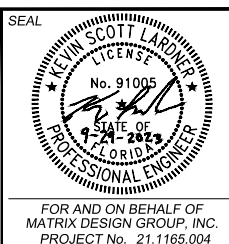
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 CTB FILE: MATRIX.CTB  
 PLOT DATE: SEPTEMBER 2023  
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**MAIN STREET IMPROVEMENTS**  
 CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

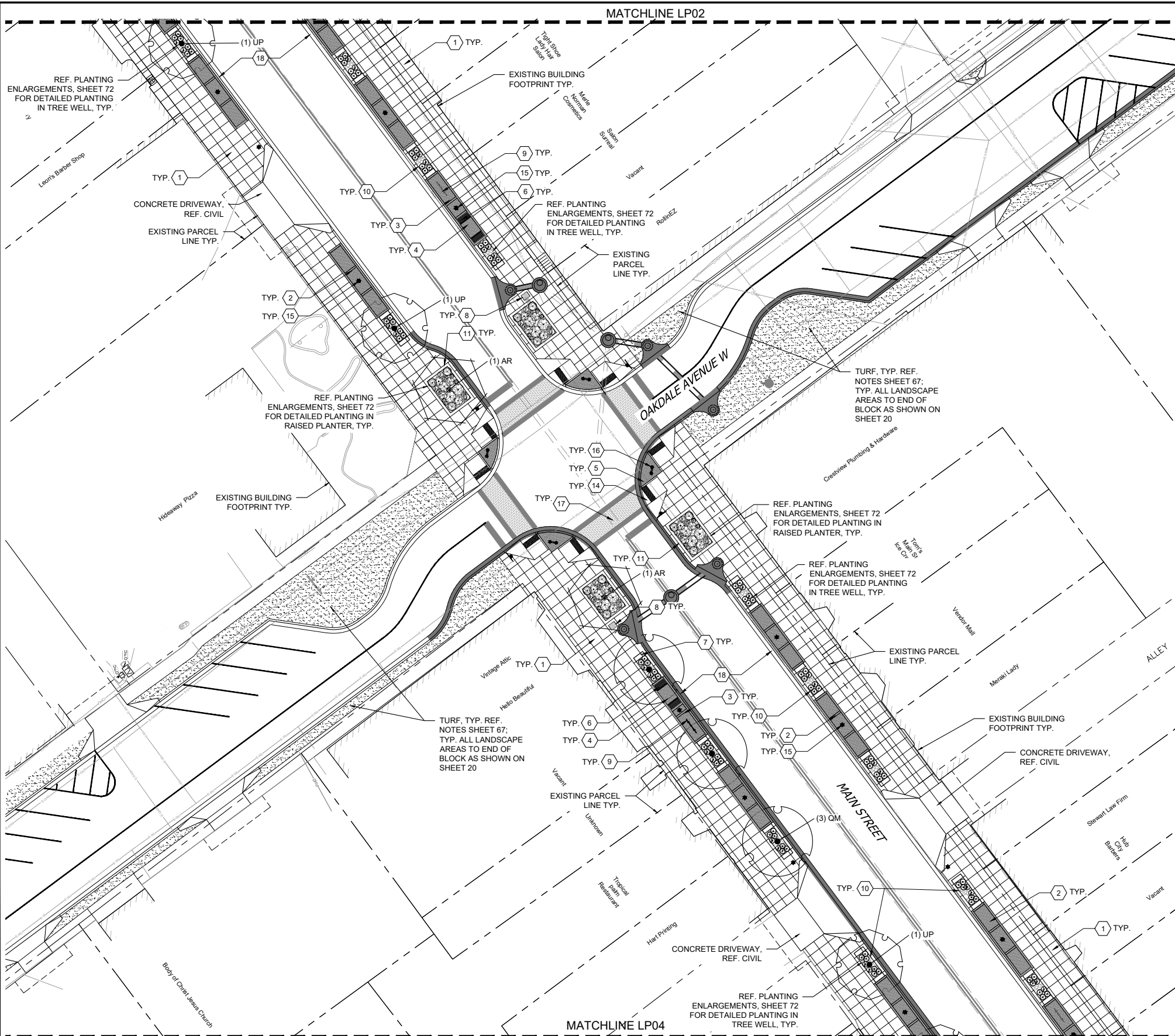
**LANDSCAPE PLAN 02**

DESIGNED BY:	TK	SCALE	DATE ISSUED:	SEPTEMBER 2023	DRAWING No.
DRAWN BY:	KR	HORIZ 1" = 20'	SHEET	69 OF 99	LP02
CHECKED BY:	CH	VERT. N/A			

FOR AND ON BEHALF OF  
 MATRIX DESIGN GROUP, INC.  
 PROJECT No. 21.1165.004



Know what's below. Call before you dig.



**PLANT SCHEDULE**

DECIDUOUS TREES	CODE	QTY	BOTANICAL / COMMON NAME
	QM	11	QUERCUS MYRTIFOLIA MYRTLE OAK
	UP	9	ULMUS PARVIFOLIA 'UPMFTM' BOSQUE LACEBARK ELM
ORNAMENTAL TREES	CODE	QTY	BOTANICAL / COMMON NAME
	AR	3	ACER RUBRUM RED MAPLE
	CC	4	CERCIS CANADENSIS EASTERN REDBUD MULTI-TRUNK
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME
	BL	52	BAPTISIA X LEMON MERINGUE™ LEMON MERINGUE DECADENCE WILD INDIGO
	DC	39	DAPHNE CNEORUM GARLAND DAPHNE
	EF	78	ECHINACEA X 'FIREBIRD' FIREBIRD CONEFLOWER
	HC	282	HYPERICUM CALYCLINUM CREEPING ST. JOHN'S WORT
	KU	39	KNIPHOFIA LIVARIA 'BLAZE' BLAZE RED HOT POKER
ORNAMENTAL GRASSES	CODE	QTY	BOTANICAL / COMMON NAME
	HA	52	HAKONECHLOA MACRA 'AUREOLA' GOLDEN VARIEGATED FOREST GRASS
	OJ	146	OPHIPOGON JAPONICUS MONDO GRASS
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME
	SS	163	SEDUM SPURILUM TWO ROW STONECROP

**TURF & MULCH SCHEDULE**

	ROCK MULCH	3,140 SF
	TURF	32,761 SF

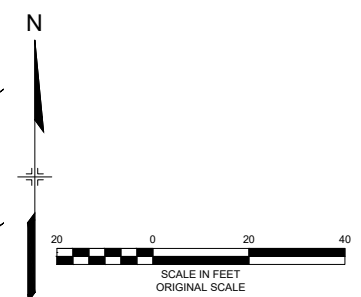
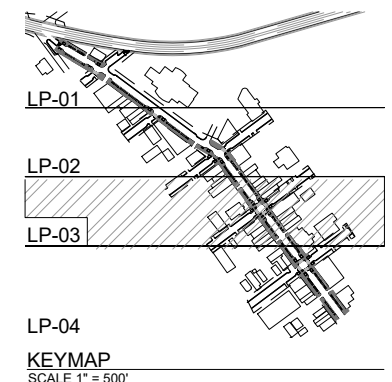
REF. SHEET 72 FOR COMPLETE PLANT SCHEDULE WITH SIZES AND SPACING  
 REF. SHEET 67 FOR LANDSCAPE & SITE AMENITY NOTES  
 REF. SHEET 68 FOR SITE FURNITURE SCHEDULE  
 CONTRACTOR MAY REQUEST PLANT MATERIAL SUBSTITUTIONS, SUBJECT TO CITY APPROVAL.

**KEY NOTES**

DESCRIPTION	REFERENCE
1 CONCRETE PAVING	DETL 5 / 73
2 BRICK PAVER AREA A	DETL 1 / 74
3 BRICK PAVER AREA B	DETL 2 / 74
4 MEMORIAL BRICK PATTERN	DETL 3 / 74
5 CORNER BRICK PAVER AREA	DETL 7 / 74
6 4' BENCH	DETL 1 / 73
7 CONCRETE BENCH	DETL 4 / 73
8 TRASH RECEPTACLE	DETL 2 / 73
9 BIKE RACK	DETL 3 / 73
10 TREE WELL	DETL 4 / 72 & 5 / 72
11 RAISED PLANTER A	DETL 1 / 72 & 6 / 73
12 RAISED PLANTER B	DETL 2 / 72 & 6 / 73
13 RAISED PLANTER C	DETL 3 / 72 & 6 / 73
14 CURB RAMP	REF. CIVIL
15 SINGLE PEDESTRIAN LIGHT	REF. LIGHTING PLANS
16 DOUBLE PEDESTRIAN LIGHT	REF. LIGHTING PLANS
17 STAMPED CONCRETE CROSSWALK	DETL 7 / 73
18 CURB & GUTTER	REF. CIVIL

**LEGEND**

- 4' BENCH
- TRASH RECEPTACLE
- CONCRETE BENCH
- BIKE RACK
- EXISTING SINGLE LIGHT POST (RELOCATED); REF. LIGHTING PLANS
- EXISTING DOUBLE LIGHT POST (RELOCATED); REF. LIGHTING PLANS
- PROPOSED REGULATORY SIGN
- EXISTING PARCEL LINE
- EXISTING BUILDING EDGE
- PROPOSED STORM SEWER CURB INLET
- PROPOSED STORM SEWER MANHOLE
- PROPOSED STORM SEWER PIPE
- EXISTING WATER LINE
- EXISTING OVERHEAD UTILITY
- EXISTING UNDERGROUND ELECTRIC
- EXISTING SANITARY SEWER
- EXISTING FIBEROPTIC
- EXISTING GAS LINE
- EXISTING STORM SEWER
- FIRE HYDRANT



**REFERENCE DRAWINGS**

No.	DATE	DESCRIPTION	BY

**COMPUTER FILE MANAGEMENT**

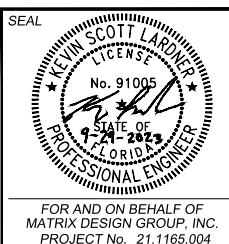
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 CTB FILE: MATRIX.CTB  
 PLOT DATE: SEPTEMBER 2023  
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**PREPARED FOR:**  
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**MAIN STREET IMPROVEMENTS**  
 CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

**LANDSCAPE PLAN 03**

DESIGNED BY:	TK	SCALE	DATE ISSUED:	SEPTEMBER 2023	DRAWING No.
DRAWN BY:	KR	HORIZ 1" = 20'			
CHECKED BY:	CH	VERT. N/A	SHEET	70 OF 99	LP03



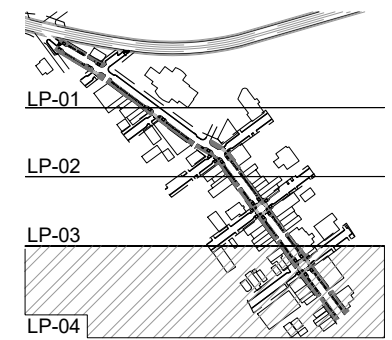
Know what's below.  
Call before you dig.

**KEY NOTES**

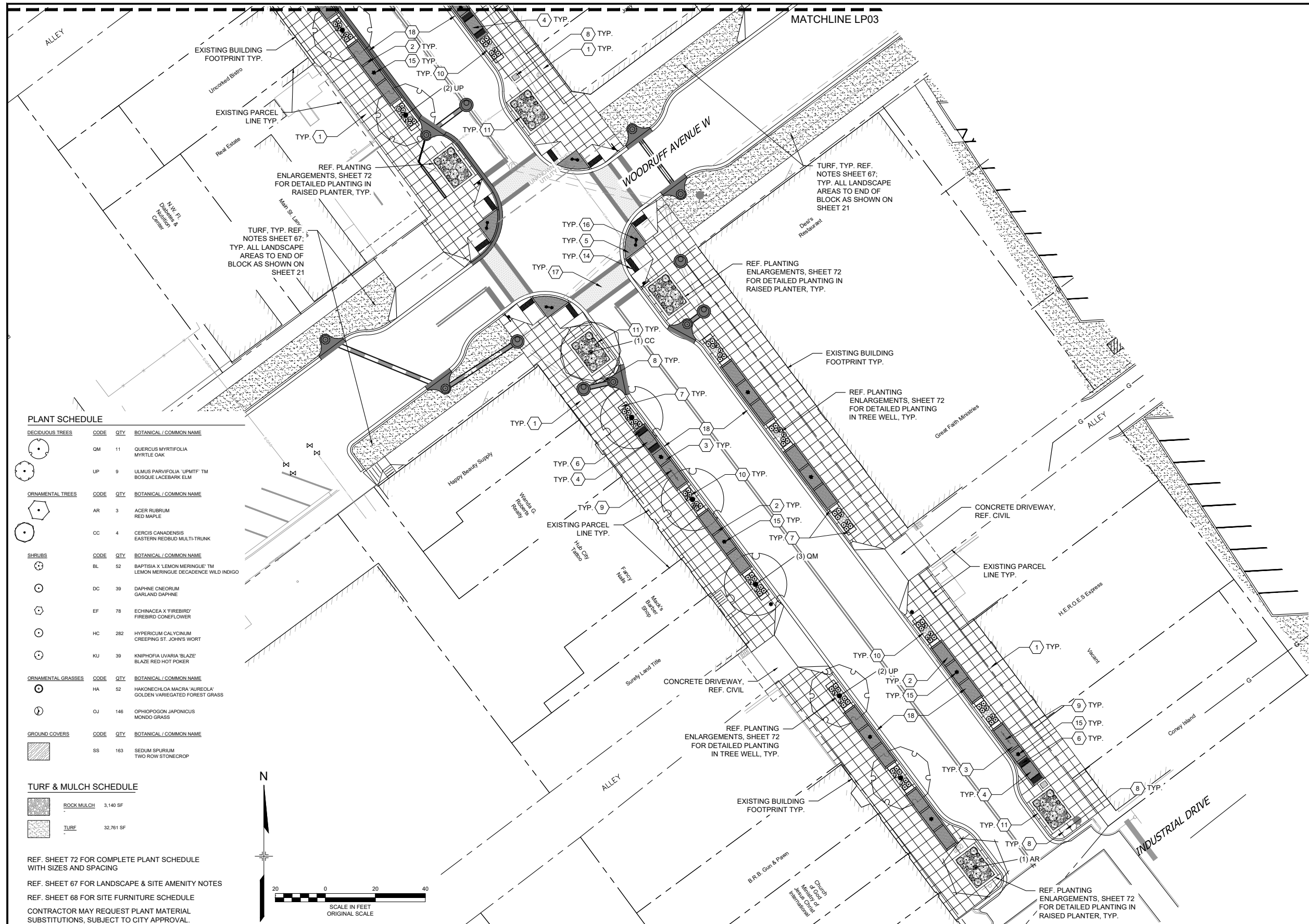
DESCRIPTION	REFERENCE
1 CONCRETE PAVING	DETL 5 / 73
2 BRICK PAVER AREA A	DETL 1 / 74
3 BRICK PAVER AREA B	DETL 2 / 74
4 MEMORIAL BRICK PATTERN	DETL 3 / 74
5 CORNER BRICK PAVER AREA	DETL 7 / 74
6 4' BENCH	DETL 1 / 73
7 CONCRETE BENCH	DETL 4 / 73
8 TRASH RECEPTACLE	DETL 2 / 73
9 BIKE RACK	DETL 3 / 73
10 TREE WELL	DETL 4 / 72 & 5 / 72
11 RAISED PLANTER A	DETL 1 / 72 & 6 / 73
12 RAISED PLANTER B	DETL 2 / 72 & 6 / 73
13 RAISED PLANTER C	DETL 3 / 72 & 6 / 73
14 CURB RAMP	REF. CIVIL
15 SINGLE PEDESTRIAN LIGHT	REF. LIGHTING PLANS
16 DOUBLE PEDESTRIAN LIGHT	REF. LIGHTING PLANS
17 STAMPED CONCRETE CROSSWALK	DETL 7 / 73
18 CURB & GUTTER	REF. CIVIL

**LEGEND**

- 4' BENCH
- TRASH RECEPTACLE
- CONCRETE BENCH
- BIKE RACK
- EXISTING SINGLE LIGHT POST (RELOCATED); REF. LIGHTING PLANS
- EXISTING DOUBLE LIGHT POST (RELOCATED); REF. LIGHTING PLANS
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- EXISTING UNDERGROUND ELECTRIC
- EXISTING SANITARY SEWER
- EXISTING FIBEROPTIC
- EXISTING GAS LINE
- EXISTING STORM SEWER
- FIRE HYDRANT



KEYMAP  
SCALE 1" = 500'



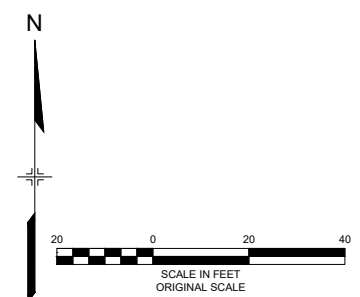
**PLANT SCHEDULE**

DECIDUOUS TREES	CODE	QTY	BOTANICAL / COMMON NAME
QM	11		QUERCUS MYRTIFOLIA MYRTLE OAK
UP	9		ULMUS PARVIFOLIA 'UPM7F' TM BOSQUE LACEBARK ELM
ORNAMENTAL TREES	CODE	QTY	BOTANICAL / COMMON NAME
AR	3		ACER RUBRUM RED MAPLE
CC	4		CERCIS CANADENSIS EASTERN REDBUD MULTI-TRUNK
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME
BL	52		BAPTISIA X 'LEMON MERINGUE' TM LEMON MERINGUE DECADENCE WILD INDIGO
DC	39		DAPHNE CNEORUM GARLAND DAPHNE
EF	78		ECHINACEA X 'FIREBIRD' FIREBIRD CONEFLOWER
HC	282		HYPERICUM CALYCLINUM CREEPING ST. JOHNS WORT
KU	39		KNIPHOFIA UVARIA 'BLAZE' BLAZE RED HOT POKER
ORNAMENTAL GRASSES	CODE	QTY	BOTANICAL / COMMON NAME
HA	52		HAKONECHLOA MACRA 'AUREOLA' GOLDEN VARIEGATED FOREST GRASS
OJ	146		OPHIPOGON JAPONICUS MONDO GRASS
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME
SS	163		SEDUM SPURIUM TWO ROW STONECROP

**TURF & MULCH SCHEDULE**

ROCK MULCH	3,140 SF
TURF	32,761 SF

REF. SHEET 72 FOR COMPLETE PLANT SCHEDULE WITH SIZES AND SPACING  
 REF. SHEET 67 FOR LANDSCAPE & SITE AMENITY NOTES  
 REF. SHEET 68 FOR SITE FURNITURE SCHEDULE  
 CONTRACTOR MAY REQUEST PLANT MATERIAL SUBSTITUTIONS, SUBJECT TO CITY APPROVAL.



REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
X-MDG22x34-TEP				
KEYMAP				
1165-P-Roads				
210713 CVIEW EX-Survey				
LA-BASE				
1165-P-Land				
LA-BASE-PLANTING				

COMPUTER FILE MANAGEMENT		
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CTB FILE:	MATRIX.CTB	
PLOT DATE:	SEPTEMBER 2023	
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SEAL

FOR AND ON BEHALF OF  
 MATRIX DESIGN GROUP, INC.  
 PROJECT No. 21.1165.004

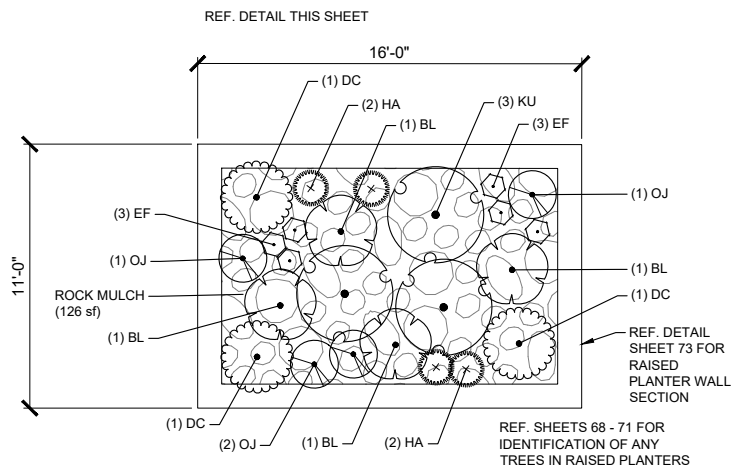
MAIN STREET IMPROVEMENTS				
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS				
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DESIGNED BY:	TK	SCALE:	DATE ISSUED:	SEPTEMBER 2023
CHECKED BY:	KR	HORIZ. 1" = 20'	SHEET:	71 OF 99
	CH	VERT. N/A		LP04



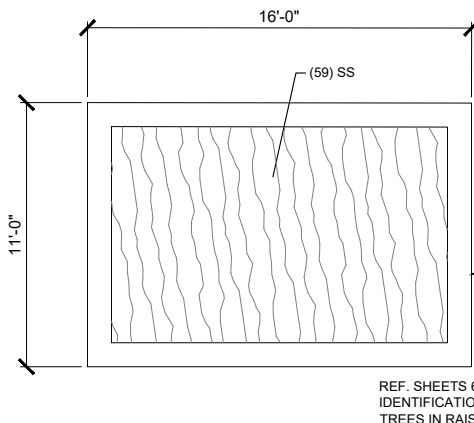
Know what's below. Call before you dig.

**PLANT SCHEDULE**

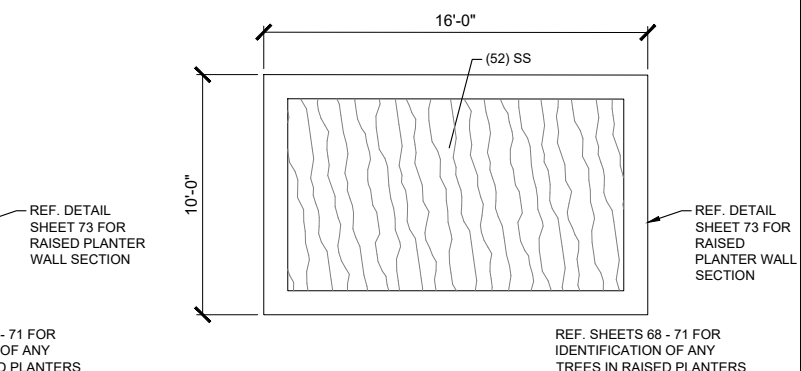
DECIDUOUS TREES	CODE	QTY	BOTANICAL / COMMON NAME	PLANT SIZE	CONTAINER	
	QM	11	QUERCUS MYRTIFOLIA MYRTLE OAK	2" CAL.	B&B	
	UP	9	ULMUS PARVIFOLIA 'UPMTF'™ BOSQUE LACEBARK ELM	2" CAL.	B&B	
ORNAMENTAL TREES	CODE	QTY	BOTANICAL / COMMON NAME	PLANT SIZE	CONTAINER	
	AR	3	ACER RUBRUM RED MAPLE	2" CAL.	B&B	
	CC	4	CERCIS CANADENSIS EASTERN REDBUD MULTI-TRUNK	2" CAL.	B&B	
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	PLANT SIZE	CONTAINER	SPACING
	BL	52	BAPTISIA X 'LEMON MERINGUE'™ LEMON MERINGUE DECADENCE WILD INDIGO	5 GAL.	POT	36" o.c.
	DC	39	DAPHNE CNEORUM GARLAND DAPHNE	1 GAL.	POT	36" o.c.
	EF	78	ECHINACEA X 'FIREBIRD' FIREBIRD CONEFLOWER	1 GAL.	POT	12" o.c.
	HC	282	HYPERICUM CALYCLINUM CREEPING ST. JOHN'S WORT	1 GAL.	POT	24" o.c.
	KU	39	KNIPHOFIA UVARIA 'BLAZE' BLAZE RED HOT POKER	5 GAL.	POT	48" o.c.
ORNAMENTAL GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	PLANT SIZE	CONTAINER	SPACING
	HA	52	HAKONECHLOA MACRA 'AUREOLA' GOLDEN VARIEGATED FOREST GRASS	1 GAL.	POT	18" o.c.
	OJ	146	OPHIPOGON JAPONICUS MONDO GRASS	1 GAL.	POT	24" o.c.
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	SPACING
	SS	163	SEDUM SPURIUM TWO ROW STONECROP	1 GAL.	POT	18" o.c.



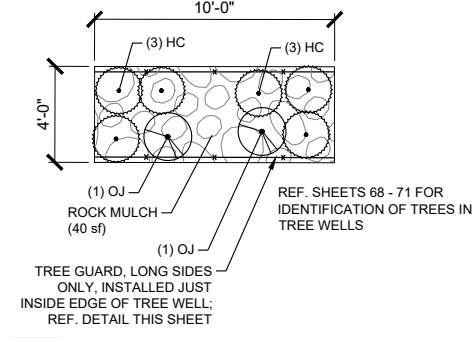
**1 RAISED PLANTER A ENLARGEMENT**  
SCALE: 1/4" = 1'-0"



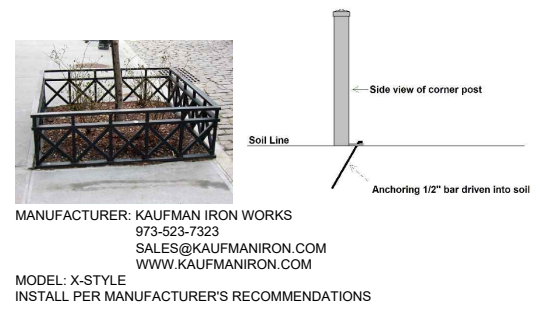
**2 RAISED PLANTER B ENLARGEMENT**  
SCALE: 1/4" = 1'-0"



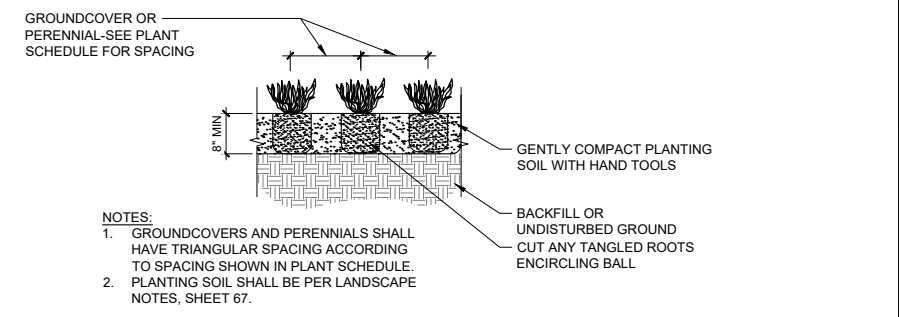
**3 RAISED PLANTER C ENLARGEMENT**  
SCALE: 1/4" = 1'-0"



**4 TREE WELL ENLARGEMENT**  
SCALE: 1/4" = 1'-0"



**5 TREE GUARD**  
SCALE: NOT TO SCALE

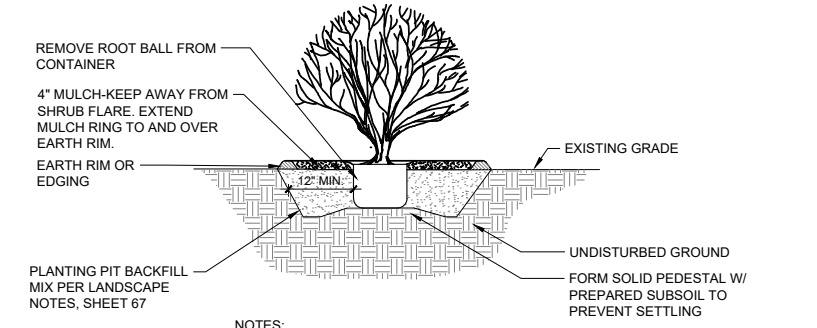


**6 PERENNIAL / GRASS PLANTING**  
SCALE: NOT TO SCALE

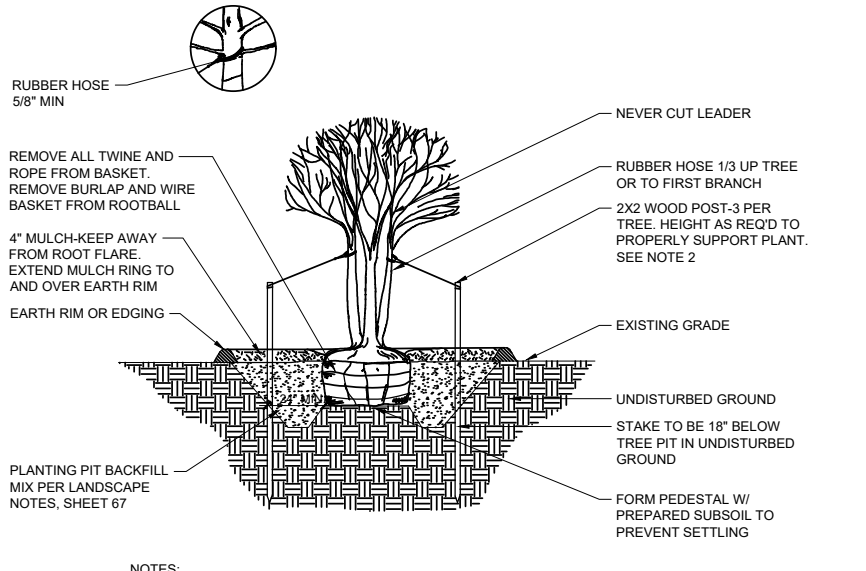
**TURF & MULCH SCHEDULE**

	ROCK MULCH	3,140 SF
	TURF	32,761 SF

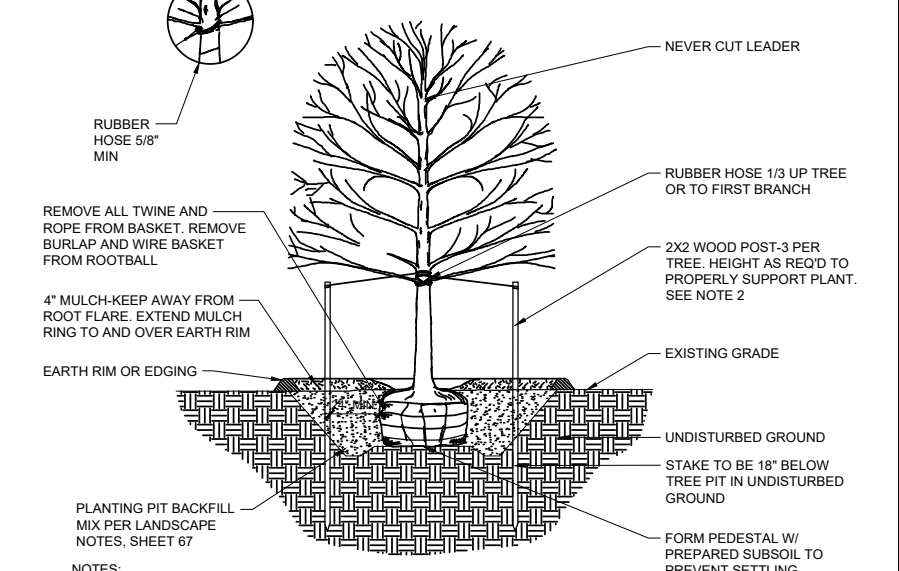
CONTRACTOR MAY REQUEST PLANT MATERIAL SUBSTITUTIONS, SUBJECT TO CITY APPROVAL.



**7 SHRUB PLANTING**  
SCALE: NOT TO SCALE



**8 MULTI-STEM TREE PLANTING**  
SCALE: NOT TO SCALE



**9 DECIDUOUS TREE PLANTING**  
SCALE: NOT TO SCALE

No.	DATE	DESCRIPTION	BY
REVISIONS			

**COMPUTER FILE MANAGEMENT**

FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEPLPD01-02.DWG  
 CTB FILE: MATRIX.CTB  
 PLOT DATE: SEPTEMBER 2023  
 THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.

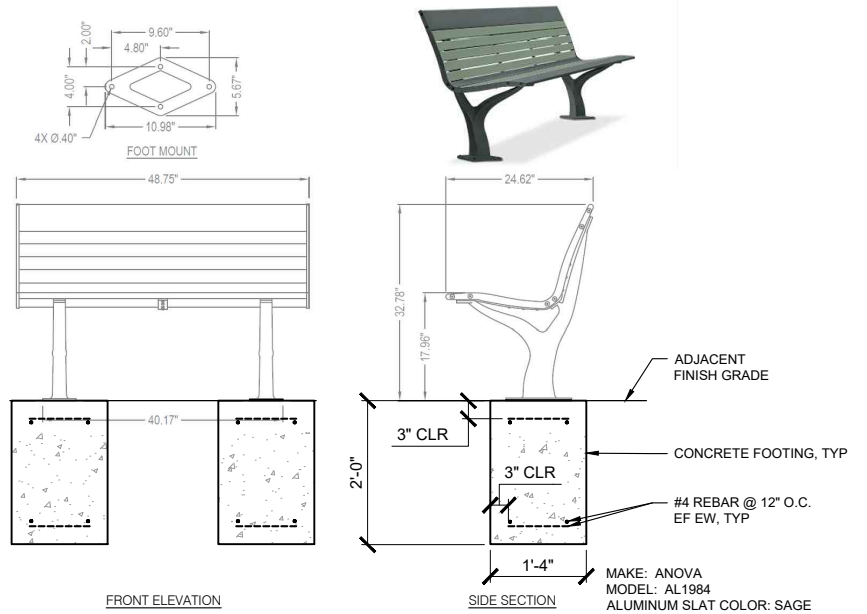
PREPARED FOR:	PREPARED BY:	SEAL
The City Of <b>CRESTVIEW</b> FLORIDA	<b>Matrix</b> Excellence by Design	
198 North Wilson Street Crestview, FL 32536 Phone: 850-682-1560 www.cityofcrestview.org	320 Bayshore Drive, Suite B Niceville, FL 32578 Phone: 850-279-4298 www.matrixdesigngroup.com	

MAIN STREET IMPROVEMENTS	
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS	
LANDSCAPE DETAILS 01	
DESIGNED BY: TK	SCALE: N/A
DRAWN BY: KR	DATE ISSUED: SEPTEMBER 2023
CHECKED BY: CH	HORIZ. SHEET: 72 OF 99
	VERT. SHEET: N/A
DRAWING No. LPD01	

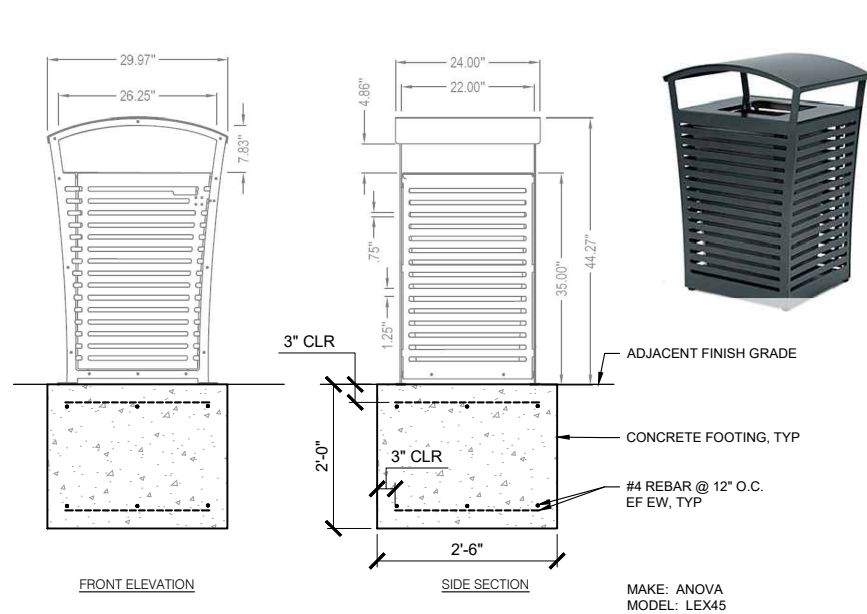




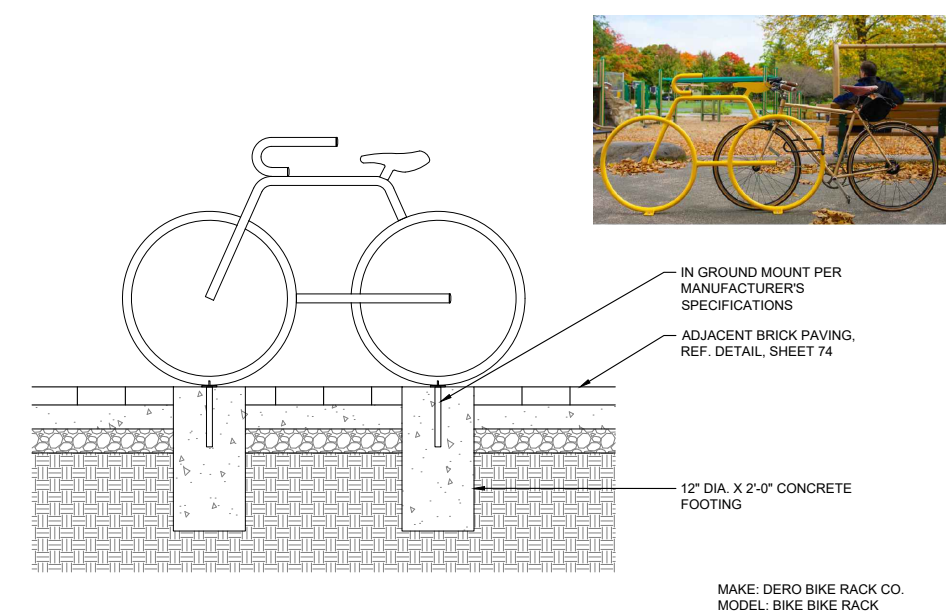
Know what's below.  
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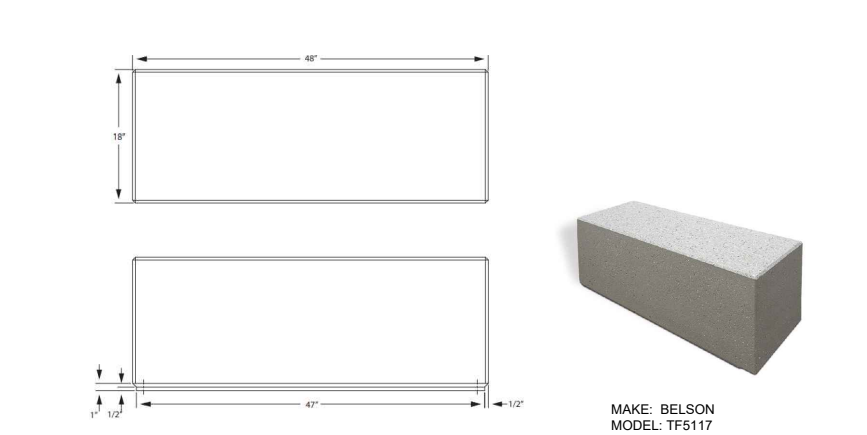
**1 4' BENCH**  
SCALE: 3/4" = 1'-0"



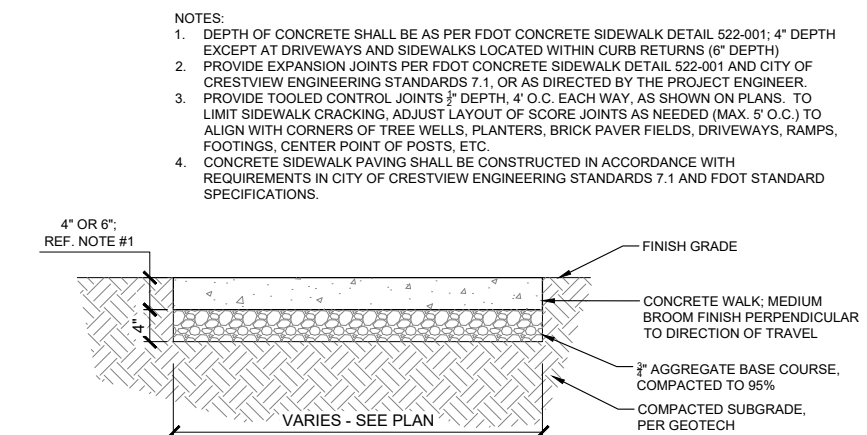
**2 TRASH RECEPTACLE**  
SCALE: 3/4" = 1'-0"



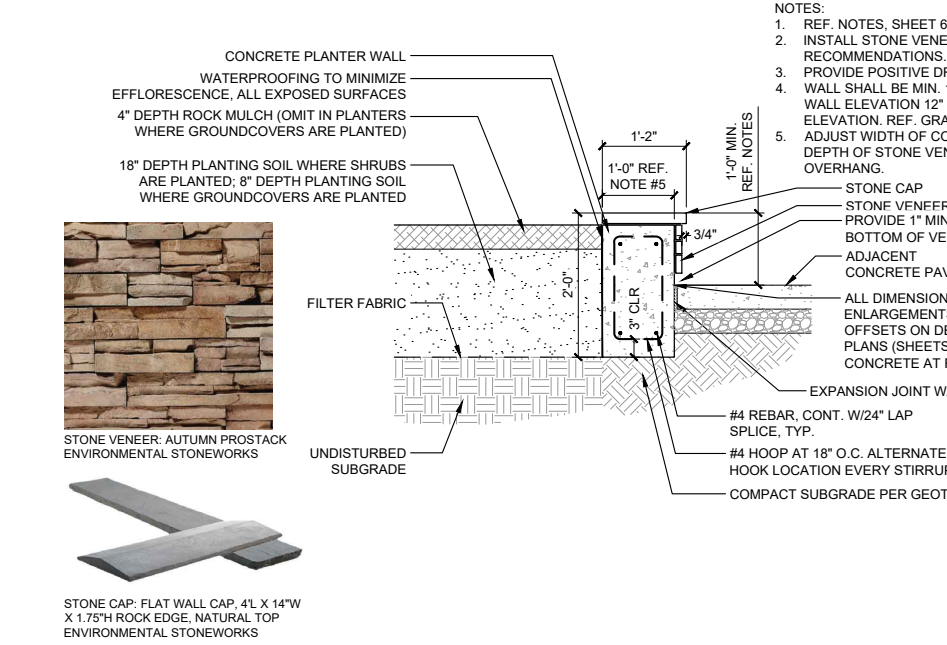
**3 BIKE RACK**  
SCALE: 3/4" = 1'-0"



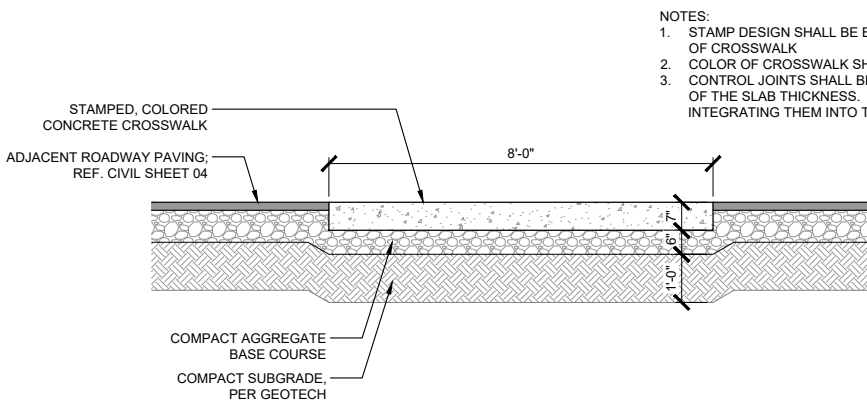
**4 CONCRETE BENCH**  
SCALE: NOT TO SCALE



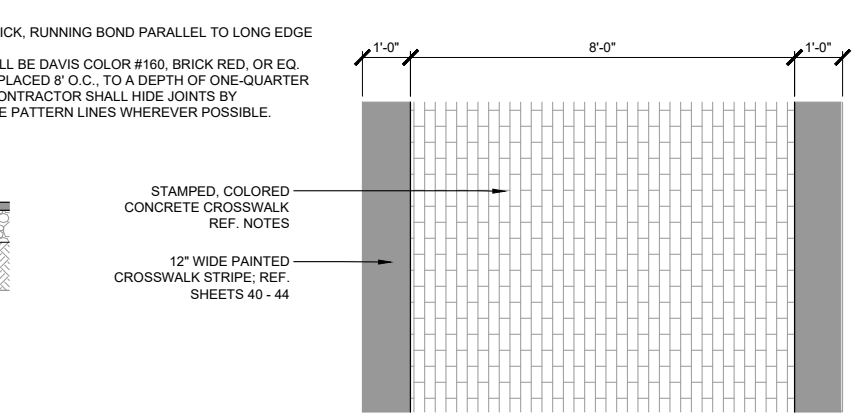
**5 CONCRETE PAVING**  
SCALE: 1" = 1'-0"



**6 RAISED PLANTER**  
SCALE: 3/4" = 1'-0"



**SECTION**



**PLAN VIEW**

**7 STAMPED CONCRETE CROSSWALK**  
SCALE: 1/2" = 1'-0"

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
X-MDG22x34-TEP				
LA-BASE				
LA-BASE-PLANTING				
Brick Paving				
Bike Rack				
Concrete Paving				
Raised Planter				
Stamped Concrete Crosswalk				

**COMPUTER FILE MANAGEMENT**

FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEP\LPD01-02.DWG  
 CTB FILE: MATRIX.CTB  
 PLOT DATE: SEPTEMBER 2023  
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FLORIDA

198 North Wilson Street  
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www.cityofcrestview.org

**PREPARED BY:**  
**Matrix**  
Excellence by Design

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Niceville, FL 32578  
Phone: 850-279-4298  
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**SEAL**

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004

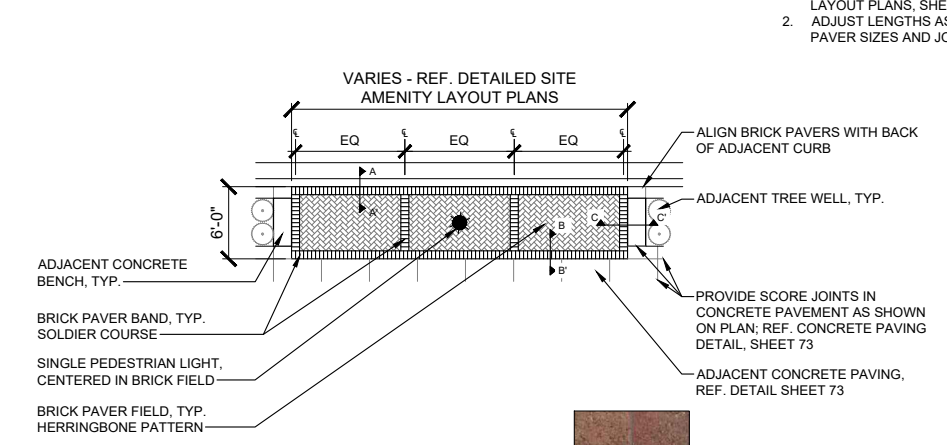
MAIN STREET IMPROVEMENTS				
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS				
LANDSCAPE DETAILS 02				
DESIGNED BY:	TK	SCALE:	DATE ISSUED:	SEPTEMBER 2023
DRAWN BY:	KR	HORIZ:	N/A	
CHECKED BY:	CH	VERT:	N/A	
			SHEET	73 OF 99
				LPD02



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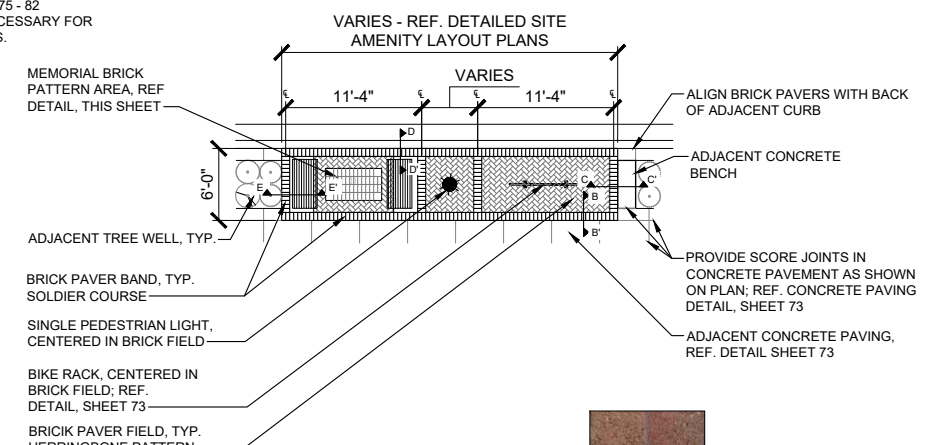
NOTES:

1. LENGTH OF PAVER AREAS VARY ACCORDING TO DETAILED SITE AMENITY LAYOUT PLANS, SHEETS 75 - 82
2. ADJUST LENGTHS AS NECESSARY FOR PAVER SIZES AND JOINTS.



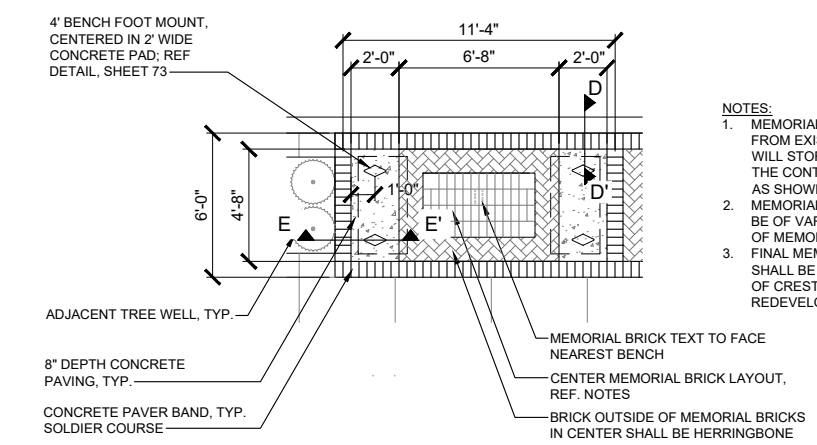
**1 BRICK PAVER AREA A**

SCALE: 1/8" = 1'-0"



**2 BRICK PAVER AREA B**

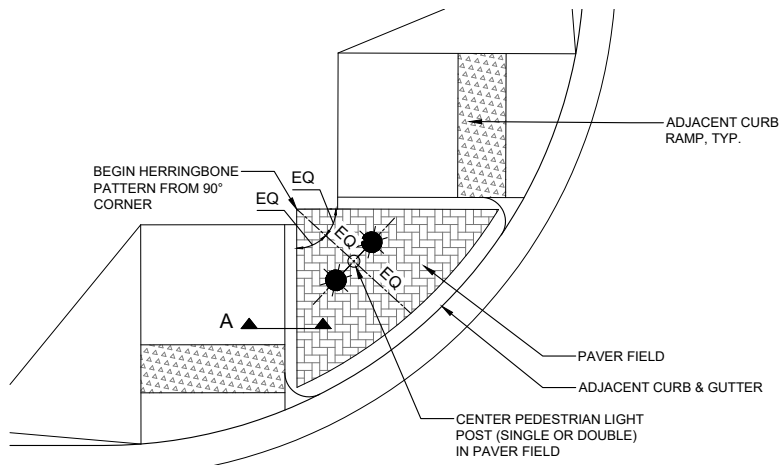
SCALE: 1/8" = 1'-0"



**3 MEMORIAL BRICK PATTERN AREA**

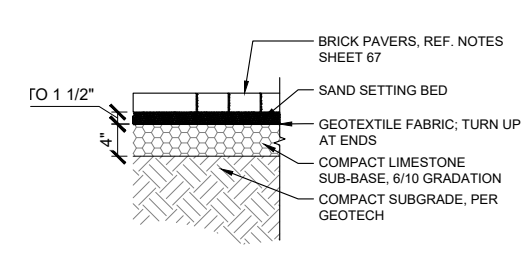
SCALE: 1/8" = 1'-0"

- NOTES:
1. MEMORIAL BRICKS SHALL BE REMOVED FROM EXISTING STREETSCAPE. THE CITY WILL STORE AND DELIVER THE BRICKS TO THE CONTRACTOR FOR RE-INSTALLATION AS SHOWN ON PLANS AND DETAILS.
  2. MEMORIAL BRICK LAYOUT IN CENTER SHALL BE OF VARYING SIZES DEPENDING ON SIZES OF MEMORIAL BRICKS.
  3. FINAL MEMORIAL BRICK LAYOUT PER BLOCK SHALL BE APPROVED BY DIRECTOR OF CITY OF CRESTVIEW COMMUNITY REDEVELOPMENT AGENCY.



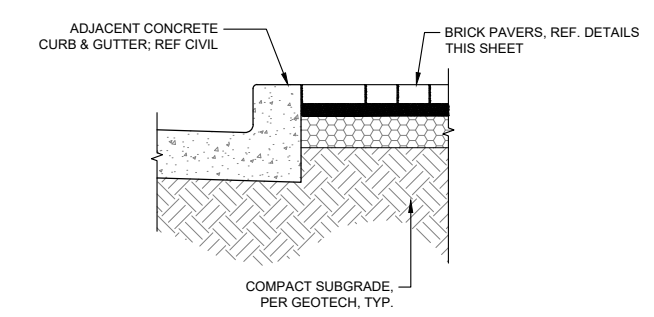
**4 CORNER BRICK PATTERN**

SCALE: 1/4" = 1'-0"



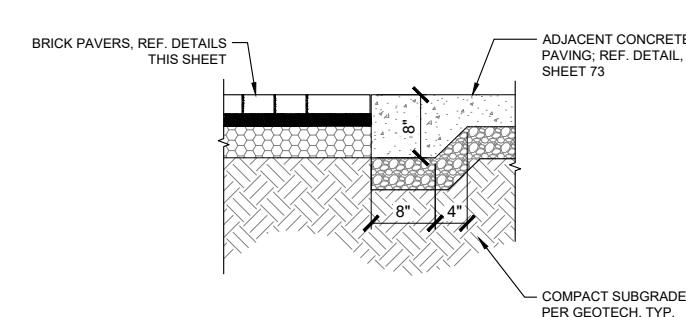
**5 BRICK PAVER SECTION**

SCALE: 1" = 1'-0"



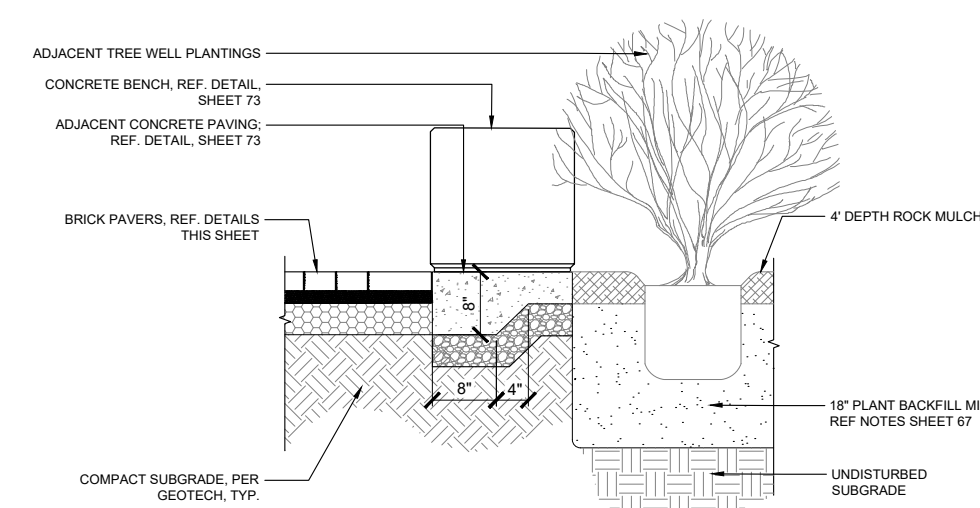
**6 SECTION A-A'**

SCALE: 1" = 1'-0"



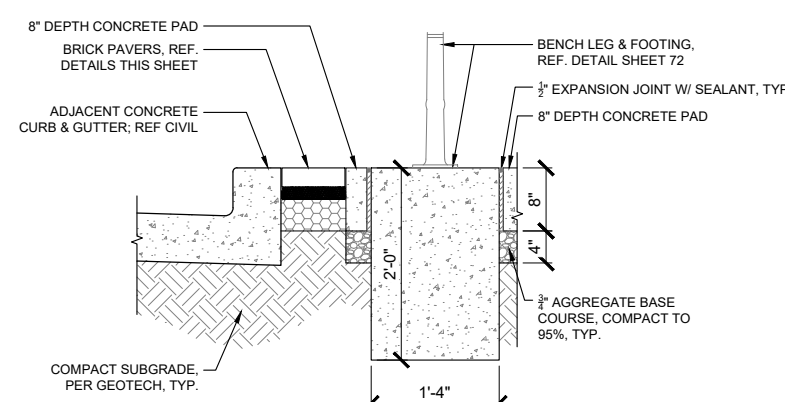
**7 SECTION B-B'**

SCALE: 1" = 1'-0"



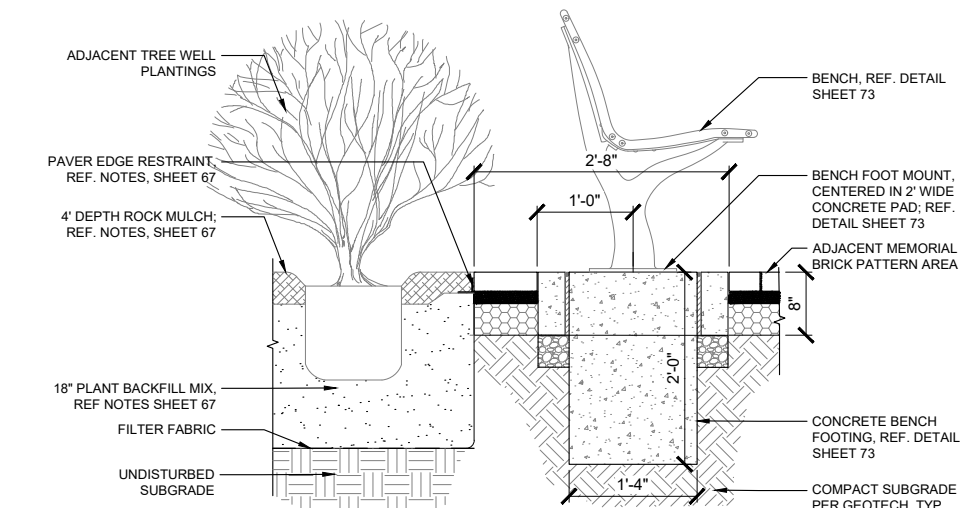
**8 SECTION C-C'**

SCALE: 1" = 1'-0"



**9 SECTION D-D'**

SCALE: 1" = 1'-0"



**10 SECTION E-E'**

SCALE: 1" = 1'-0"

REFERENCE DRAWINGS			
No.	DATE	DESCRIPTION	BY
X-MDG22x34-TEP			
LA-BASE			
LA-BASE-PLANTING			
Brick Paving			
Bike Rack			
Concrete Paving			
Raised Planter			
Stamped Concrete Crosswalk			
COMPUTER FILE MANAGEMENT			
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEPLPD01-02.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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198 North Wilson Street  
Crestview, FL 32536  
Phone: 850-682-1560  
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Excellence by Design

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www.matrixdesigngroup.com

SEAL

KEVIN SCOTT LARDNER  
LICENSED PROFESSIONAL ENGINEER  
No. 91005  
STATE OF FLORIDA  
9-17-2023

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004

**MAIN STREET IMPROVEMENTS**

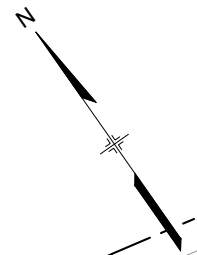
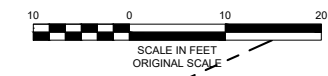
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**LANDSCAPE DETAILS 03**

DESIGNED BY: TK	SCALE: N/A	DATE ISSUED: SEPTEMBER 2023	DRAWING No. LPD03
CHECKED BY: CH	HORIZ: N/A	SHEET: 74 OF 99	
	VERT: N/A		



Know what's below.  
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JAMES LEE BLVD  
(US 90)

UNKNOWN

EX CONCRETE  
DRIVE & PARKING

SINGLE PED LIGHT  
STA. 12+17.07  
21.67' LT

TREE WELL  
STA. 12+43.23  
19.67' LT

TREE WELL  
STA. 12+33.23  
19.67' LT

FFE:  
233.04

SINGLE PED LIGHT  
STA. 11+31.18  
16.30' LT

TREE WELL  
STA. 11+90.90  
19.67' LT

TREE WELL  
STA. 12+00.90  
19.67' LT

BRICK PAVER AREA  
STA. 12+31.73  
18.67' LT

BRICK PAVER AREA  
STA. 12+02.40  
18.67' LT

BRICK PAVER AREA  
STA. 12+44.73  
18.67' LT

10+00

MAIN STREET

11+00

SINGLE PED LIGHT  
STA. 11+29.38  
17.13' RT

TRASH RECEPTACLE  
STA. 11+39.09  
18.80' RT

TREE WELL  
STA. 11+52.90  
19.67' RT

TREE WELL  
STA. 11+62.90  
19.67' RT

BRICK PAVER AREA  
STA. 11+62.90  
18.67' RT

BRICK PAVER AREA  
STA. 11+99.23  
18.67' RT

TREE WELL  
STA. 12+10.73  
19.67' RT

TREE WELL  
STA. 12+00.73  
19.67' RT

BRICK PAVER AREA  
STA. 12+12.23  
18.67' RT

20+00

SINGLE PED LIGHT  
STA. 11+81.06  
21.67' RT

SINGLE PED LIGHT  
STA. 12+36.89  
21.67' RT

CONTRACTOR TO BE AWARE OF  
EXISTING ELECTRICAL LINE.  
SUBSURFACE UTILITY ENGINEERING  
REPORT WAS UNABLE TO LOCATE  
AND CONFIRM EXACT LOCATION  
AND DEPTH OF ELECTRICAL LINE.  
CONTRACTOR SHALL CONFIRM  
EXTENTS OF ELECTRICAL LINE PRIOR  
TO IMPROVEMENTS IN THE AREA.

EX LANDSCAPING

21+00

WILSON STREET

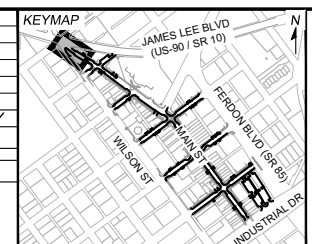
22+00

SEE SHEET AL02

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
1165-P-Roads				
X-MDG22x34-TEP				
210713 CVIEW EX-Survey				
1165-P-Util				
1165-P-GRADE				
LA-BASE				
LA-BASE-PLANTING				

COMPUTER FILE MANAGEMENT	
FILE NAME:	R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\ITEPAL01.DWG
CTB FILE:	MATRIX.CTB
PLOT DATE:	SEPTEMBER 2023
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.	

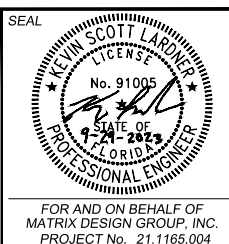


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Excellence by Design

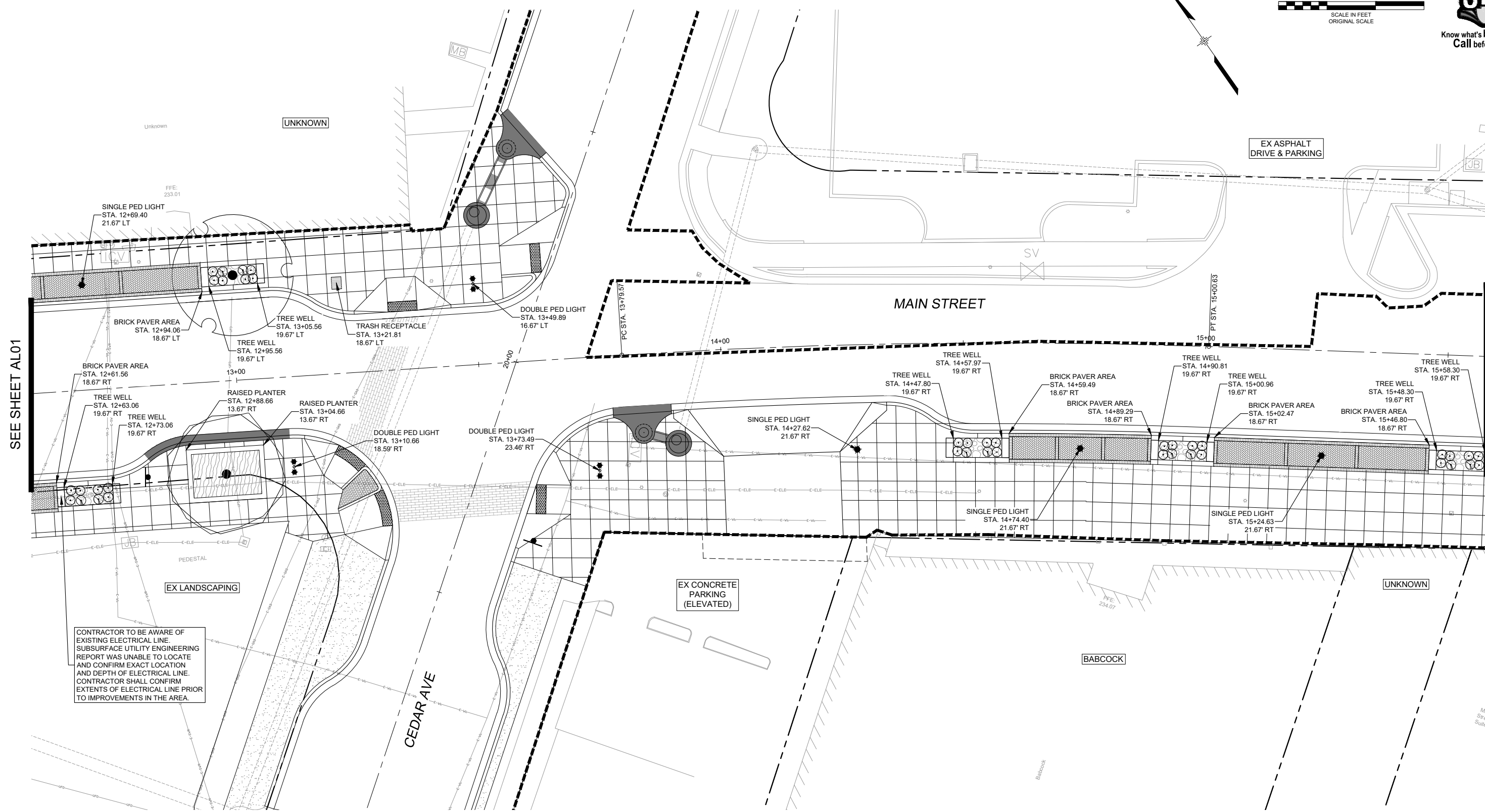
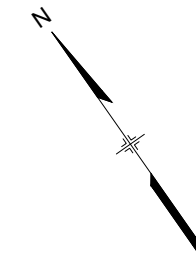
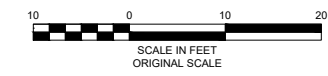
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MAIN STREET IMPROVEMENTS			
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS			
DETAILED SITE AMENITY LAYOUT 01			
DESIGNED BY:	TK	SCALE:	DATE ISSUED: SEPTEMBER 2023
DRAWN BY:	KR	HORIZ: 1" = 10'	DRAWING No.
CHECKED BY:	CH	VERT: N/A	75 OF 99
			AL01



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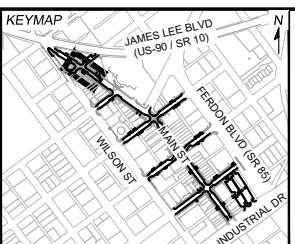
SEE SHEET AL01

SEE SHEET AL03

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
1165-P-Roads X-MDG22x34-TEP 210713 CVIEW EX-Survey 1165-P-Util 1165-P-GRADE LA-BASE LA-BASE-PLANTING				

COMPUTER FILE MANAGEMENT	
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CTB FILE:	MATRIX.CTB
PLOT DATE:	SEPTEMBER 2023
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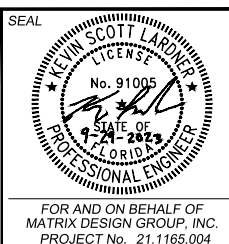


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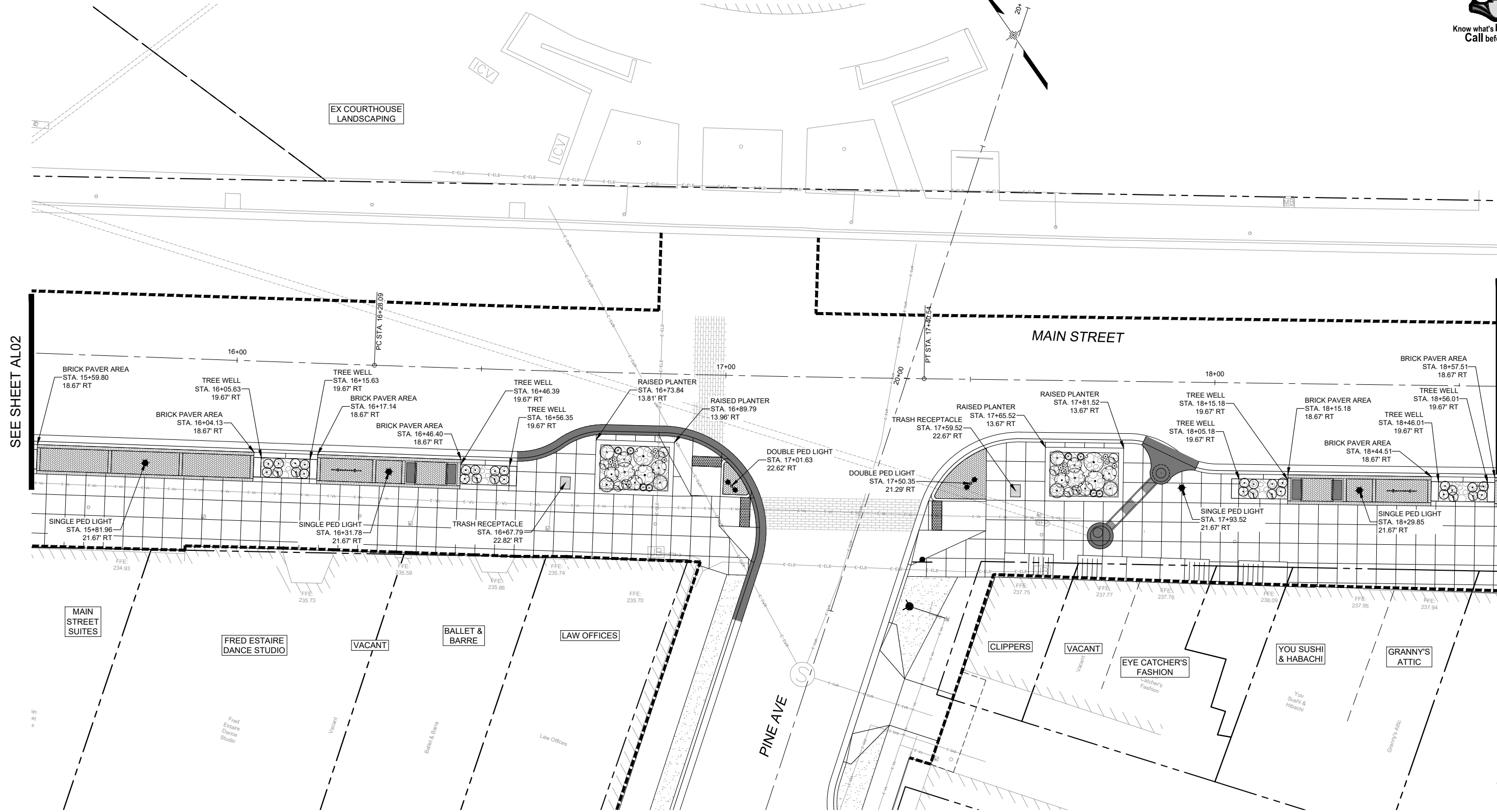
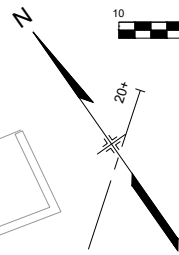
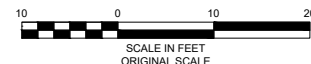
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**DETAILED SITE AMENITY LAYOUT 02**

DESIGNED BY:	TK	SCALE:	DATE ISSUED:	SEPTEMBER 2023	DRAWING No.
CHECKED BY:	KR	HORIZ 1" = 10'	SHEET	76 OF 99	AL02
	CH	VERT. N/A			



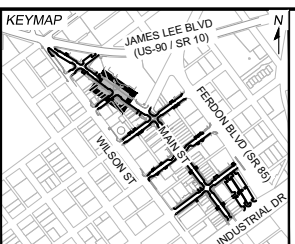
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SEE SHEET AL04

REFERENCE DRAWINGS			
No.	DATE	DESCRIPTION	BY
1165-P-Roads X-MDG22x34-TEP 210713 CVIEW EX-Survey 1165-P-Util 1165-P-GRADE LA-BASE LA-BASE-PLANTING			
COMPUTER FILE MANAGEMENT			
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\ITEPAL01.DWG			
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PLOT DATE: SEPTEMBER 2023			
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			

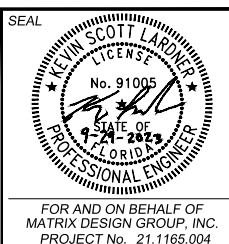


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Phone: 850-279-4298  
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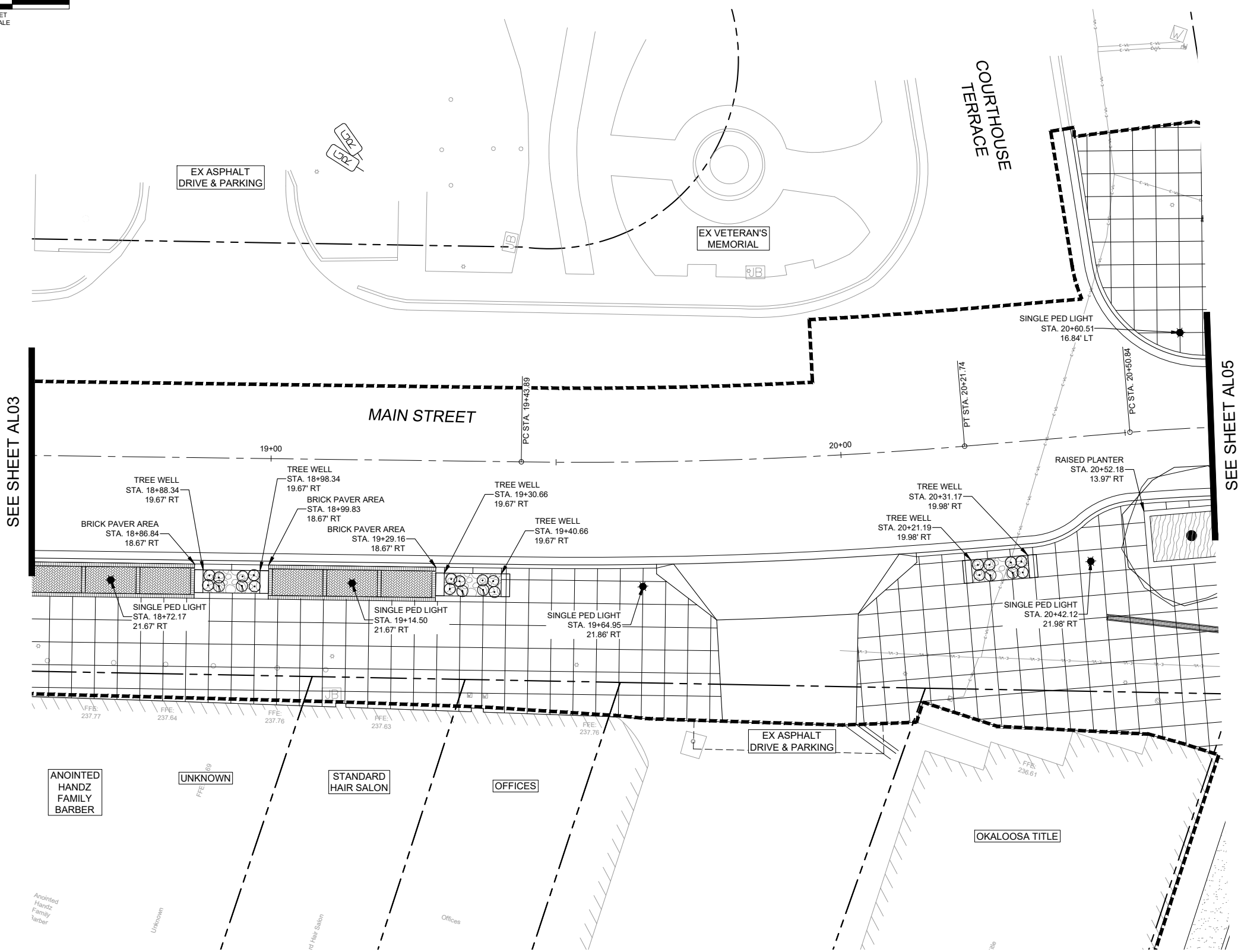
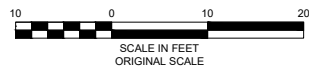
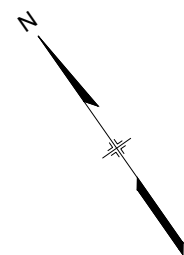
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**DETAILED SITE AMENITY LAYOUT 03**

DESIGNED BY: TK	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. AL03
CHECKED BY: CH	VERT. N/A	SHEET 77 OF 99	



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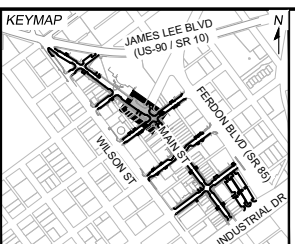
SEE SHEET AL03

SEE SHEET AL05

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
1165-P-Roads X-MDG22x34-TEP 210713 CVIEW EX-Survey 1165-P-U/I 1165-P-GRADE LA-BASE LA-BASE-PLANTING				

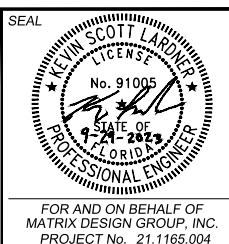
  

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CTB FILE:	MATRIX.CTB
PLOT DATE:	SEPTEMBER 2023
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.	



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The City Of  
**CRESTVIEW**  
FLORIDA  
198 North Wilson Street  
Crestview, FL 32536  
Phone: 850-682-1560  
www.cityofcrestview.org

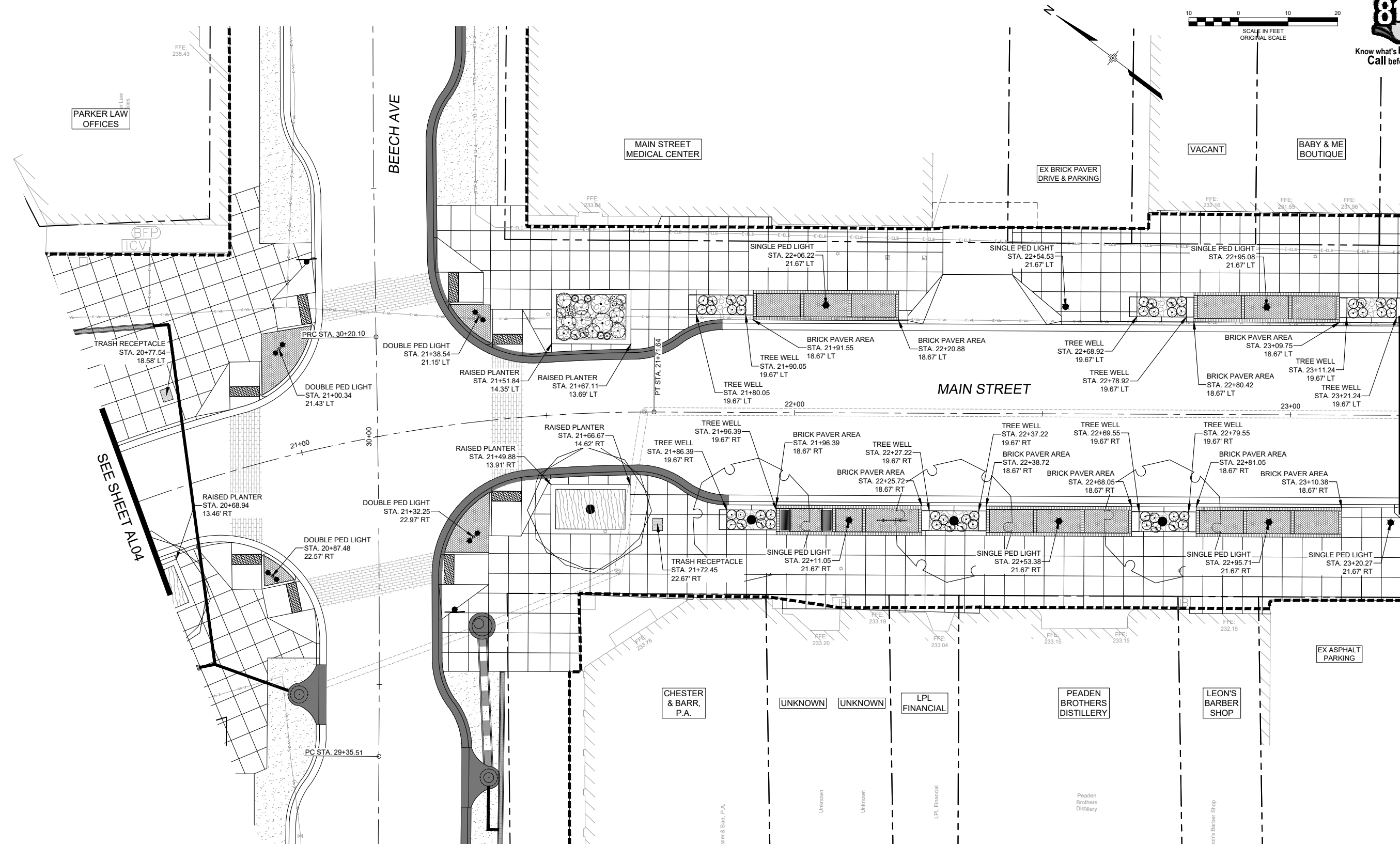
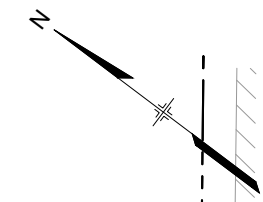
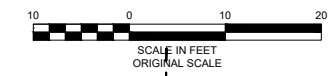
PREPARED BY:  
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Excellence by Design  
320 Bayshore Drive, Suite B  
Niceville, FL 32578  
Phone: 850-279-4298  
www.matrixdesigngroup.com



<b>MAIN STREET IMPROVEMENTS</b>			
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS			
<b>DETAILED SITE AMENITY LAYOUT 04</b>			
DESIGNED BY:	TK	SCALE:	DATE ISSUED:
DRAWN BY:	KR	HORIZ 1" = 10'	SEPTEMBER 2023
CHECKED BY:	CH	VERT. N/A	SHEET 78 OF 99
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC. PROJECT No. 21.1165.004			DRAWING No. <b>AL04</b>



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VACANT

BABY & ME BOUTIQUE

MAIN STREET

CHESTER & BARR, P.A.

UNKNOWN

UNKNOWN

LPL FINANCIAL

PEADEN BROTHERS DISTILLERY

LEON'S BARBER SHOP

EX ASPHALT PARKING

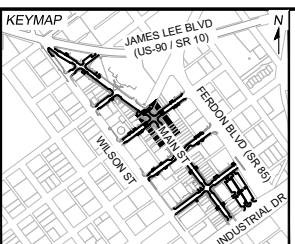
SEE SHEET AL04

SEE SHEET AL06

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
1165-P-Roads				
X-MDG22x34-TEP				
210713 CVIEW EX-Survey				
1165-P-Util				
1165-P-Grade				
LA-BASE				
LA-BASE-PLANTING				

COMPUTER FILE MANAGEMENT	
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CTB FILE:	MATRIX.CTB
PLOT DATE:	SEPTEMBER 2023
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.	

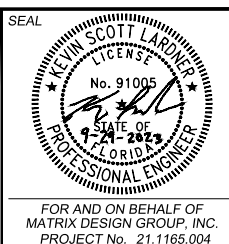


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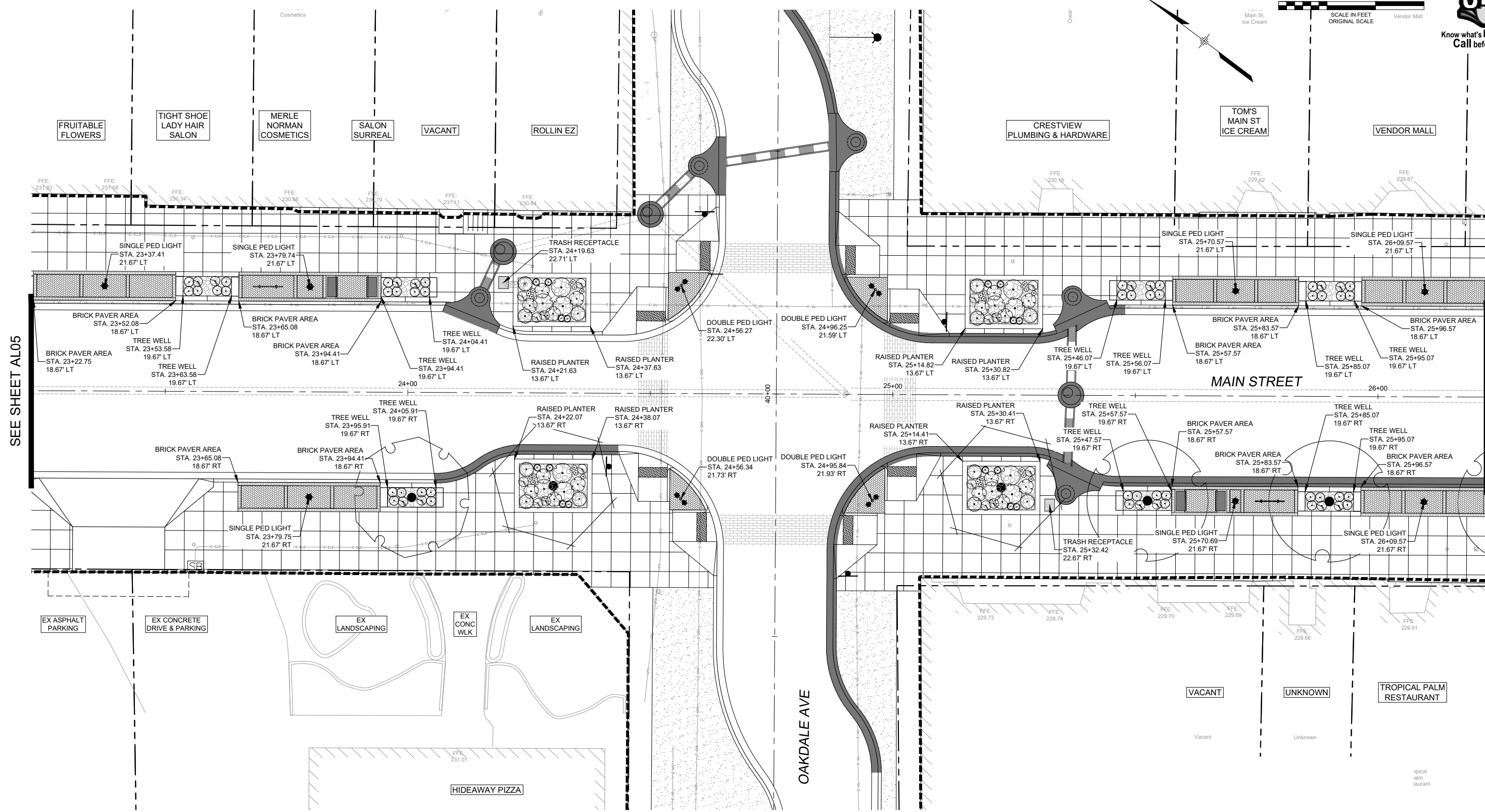
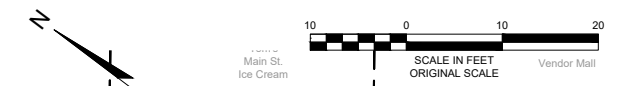
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**DETAILED SITE AMENITY LAYOUT 05**

DESIGNED BY:	TK	SCALE:	DATE ISSUED:	SEPTEMBER 2023	DRAWING No.
DRAWN BY:	KR	HORIZ 1" = 10'	SHEET	79 OF 99	AL05
CHECKED BY:	CH	VERT. N/A			



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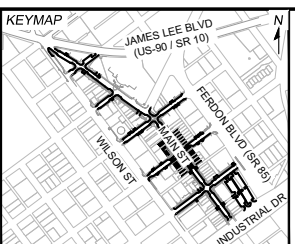
SEE SHEET AL05

SEE SHEET AL07

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
1165-P-Roads				
X-MDG22x34-TEP				
210713 CVIEW EX-Survey				
1165-P-Util				
1165-P-Grade				
LA-BASE				
LA-BASE-PLANTING				

COMPUTER FILE MANAGEMENT			
FILE NAME:	R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEPAL01.DWG		
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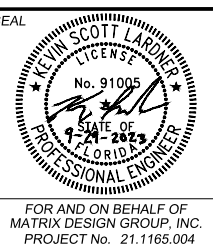


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ENGINEERING PLANS

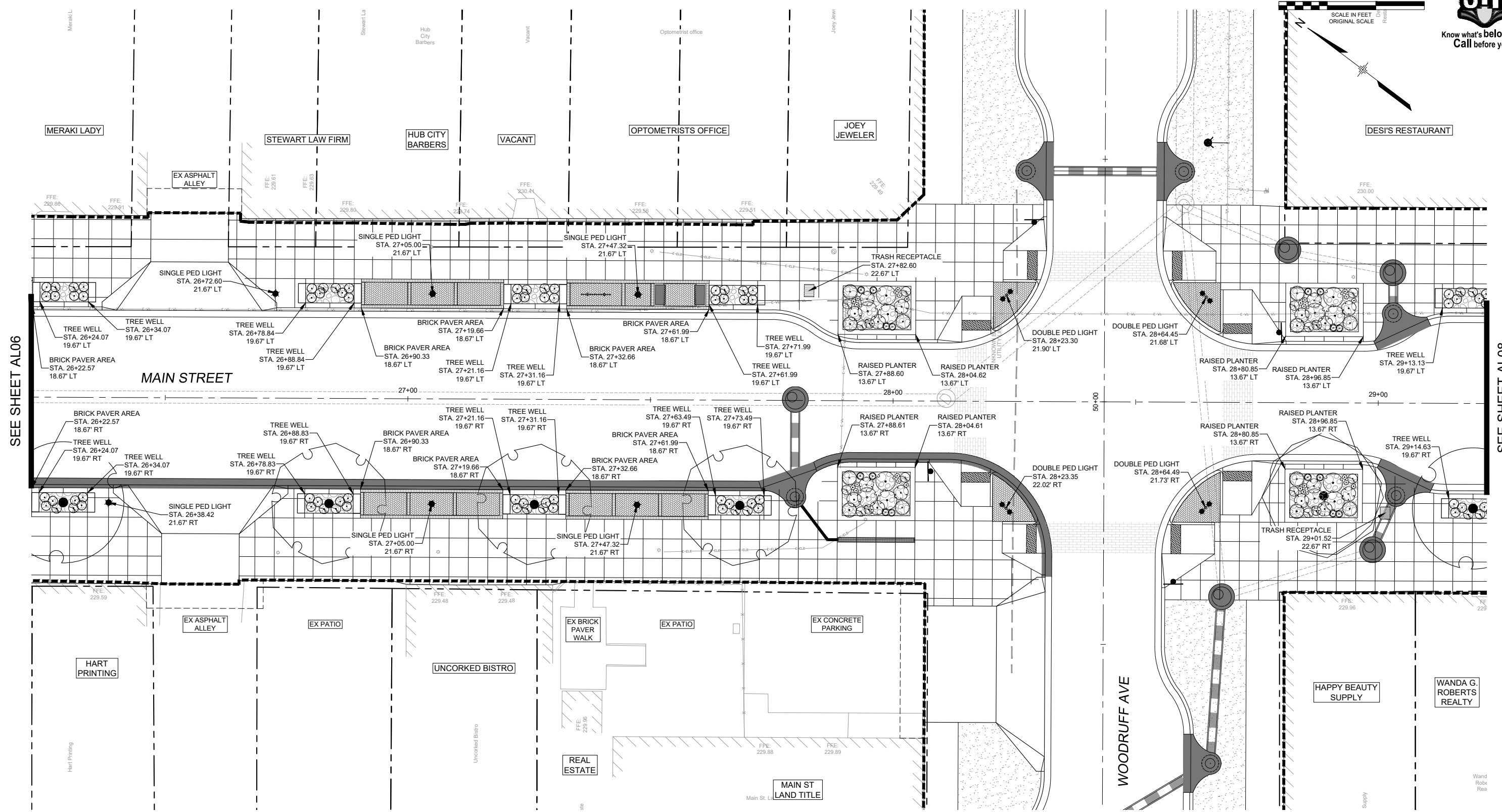
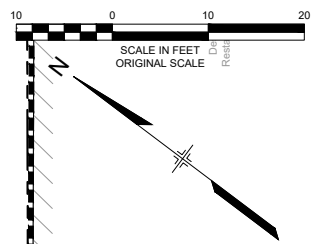
**DETAILED SITE AMENITY LAYOUT 06**

DESIGNED BY:	TK	SCALE:	HORIZ 1" = 10'	DATE ISSUED:	SEPTEMBER 2023	DRAWING No.	AL06
CHECKED BY:	KR	VERT:	N/A	SHEET:	80 OF 99		





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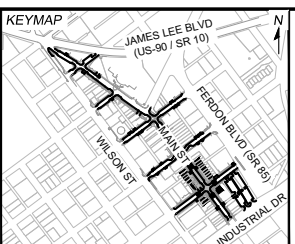


SEE SHEET AL06

SEE SHEET AL08

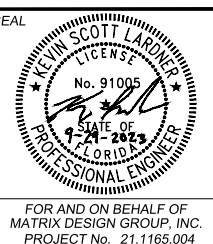
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X-MDG22x34-TEP				
210713 CVIEW EX-Survey				
1165-P-Util				
1165-P-GRADE				
LA-BASE				
LA-BASE-PLANTING				

**COMPUTER FILE MANAGEMENT**  
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 CTB FILE: MATRIX.CTB  
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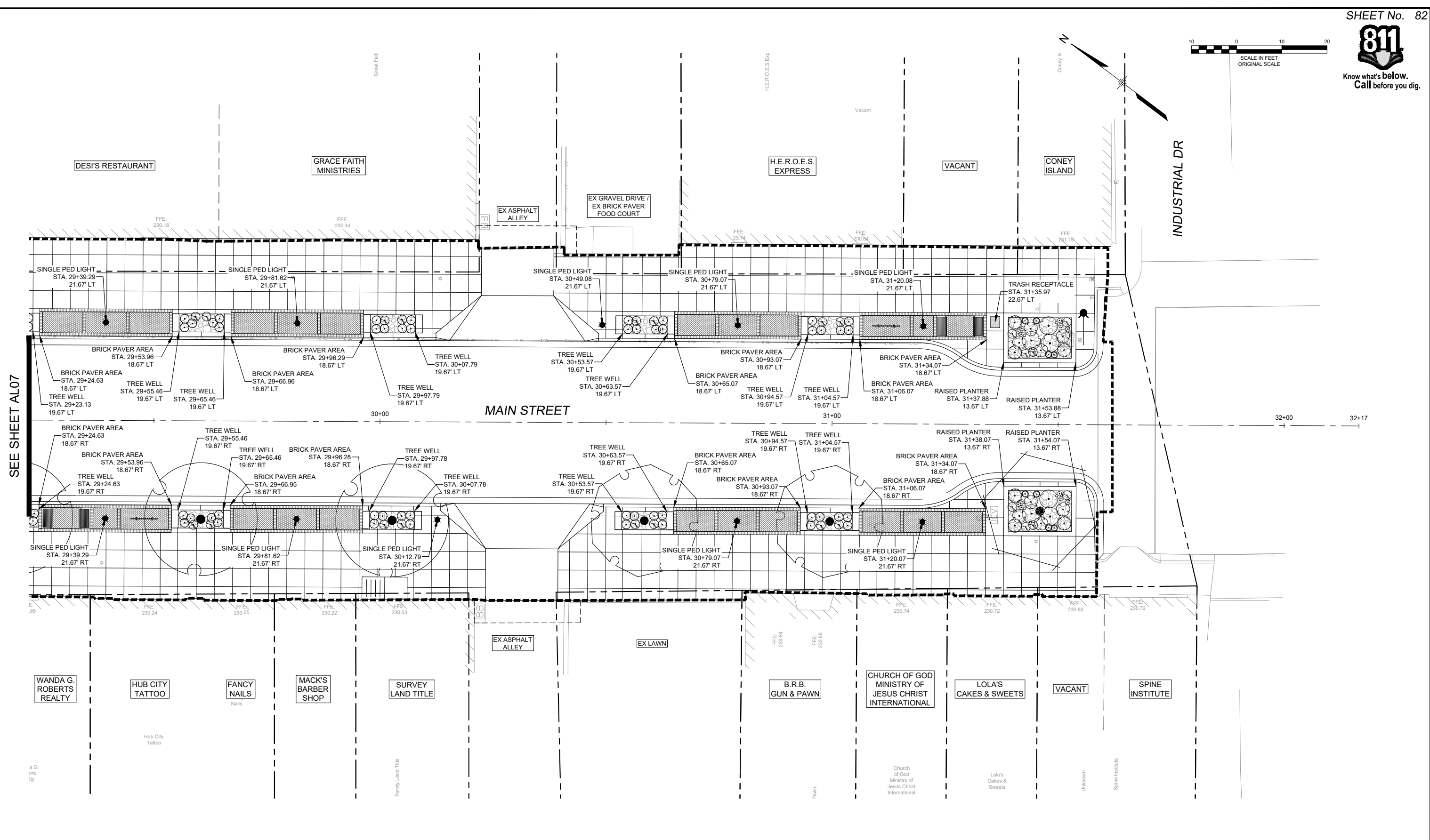
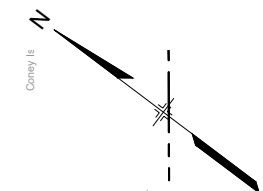
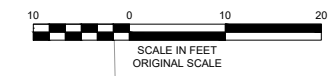


**MAIN STREET IMPROVEMENTS**  
 CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
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**DETAILED SITE AMENITY LAYOUT 07**

DESIGNED BY: TK	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. AL07
CHECKED BY: KR	VERT. N/A	SHEET 81 OF 99	



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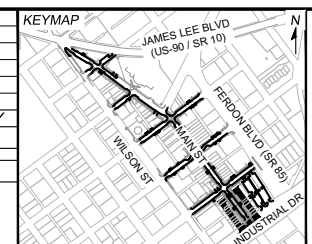


SEE SHEET AL07

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
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210713 CVIEW EX-Survey				
1165-P-Util				
1165-P-GRADE				
LA-BASE				
LA-BASE-PLANTING				

COMPUTER FILE MANAGEMENT			
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PLOT DATE:	SEPTEMBER 2023		
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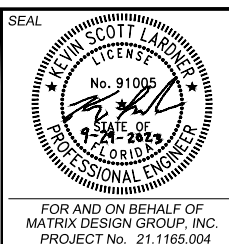


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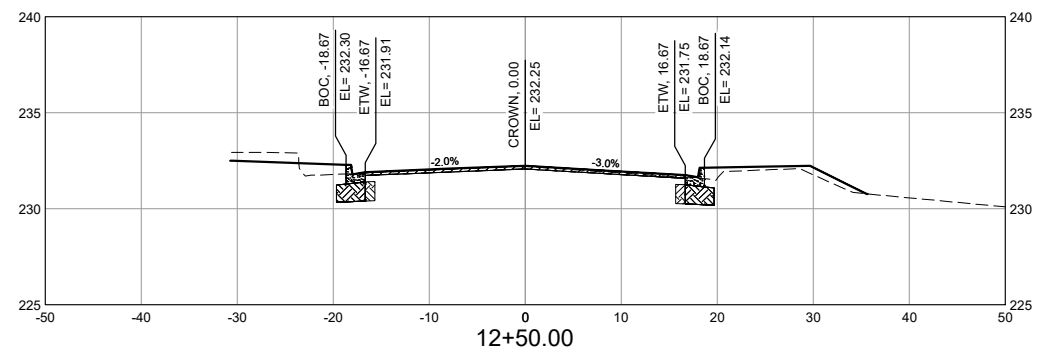
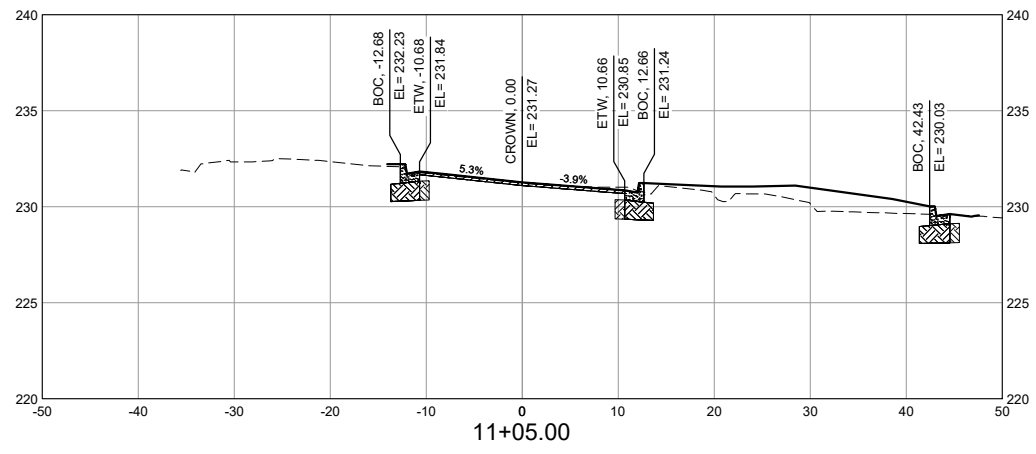
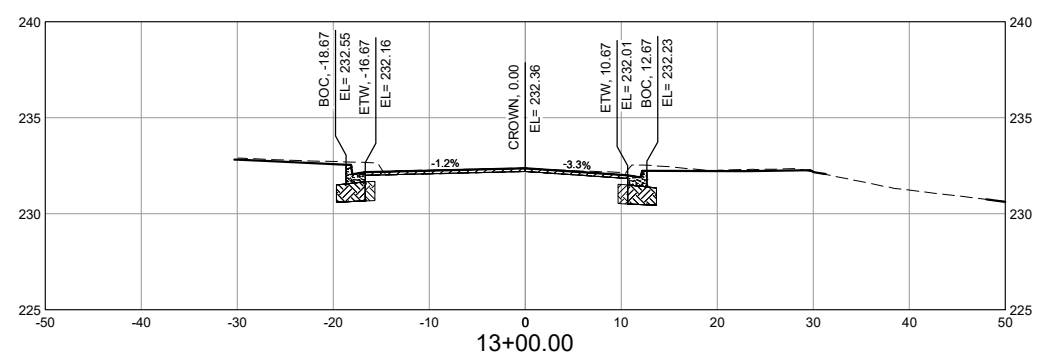
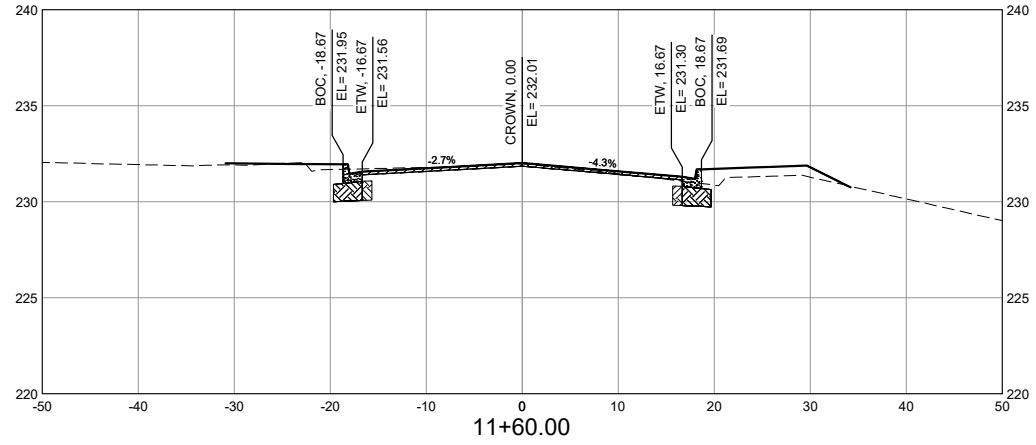
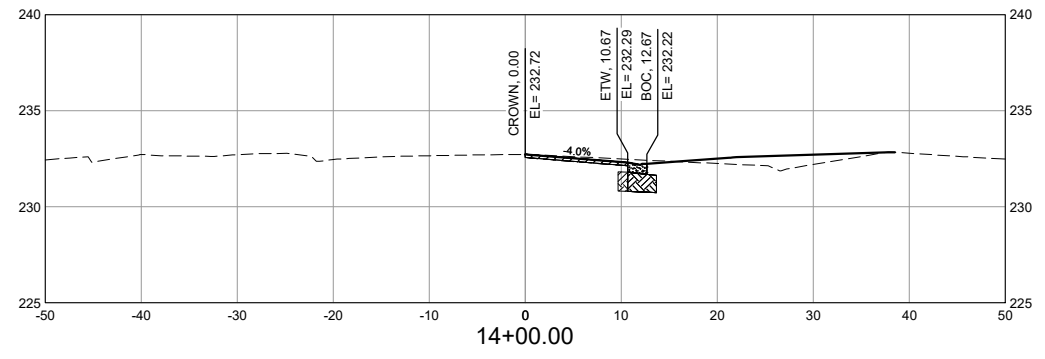
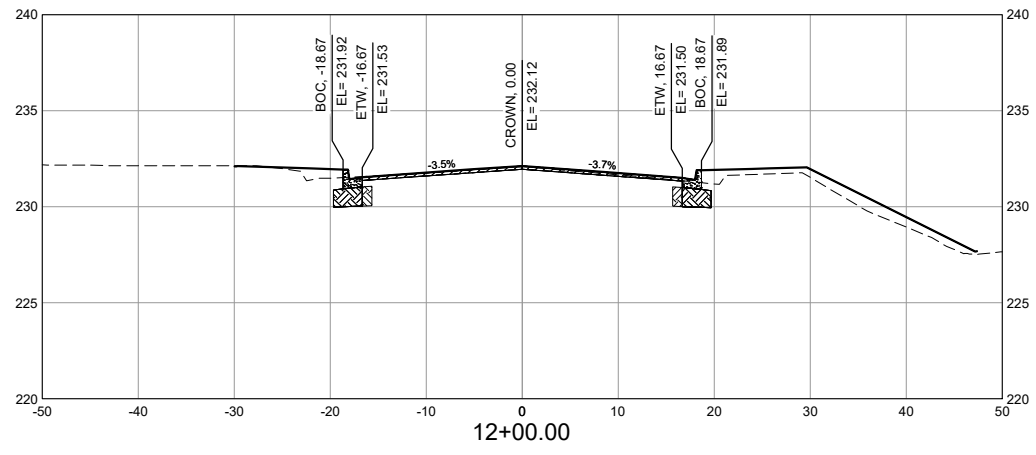
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**DETAILED SITE AMENITY LAYOUT 08**

DESIGNED BY:	TK	SCALE:	HORIZ 1" = 10'	DATE ISSUED:	SEPTEMBER 2023	DRAWING No.	AL08
CHECKED BY:	CH	VERT:	N/A	SHEET:	82 OF 99		



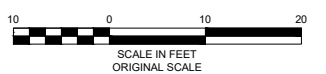
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- NOTES:**
1. THE UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE.
  2. THE CONTRACTOR MUST INDEPENDENTLY VERIFY THE LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
  3. THE LOCATION OF UTILITIES SHOWN WAS OBTAINED FROM THE BEST AVAILABLE INFORMATION AT THE TIME OF DATA COLLECTION.

- LEGEND:**
- - - - - EXISTING GROUND
  - PROPOSED GRADE
  - [Hatched Box] 2" HOT MIX ASPHALT
  - [Dotted Box] CONCRETE (4" SIDEWALK AND C&G)
  - [Cross-hatched Box] 12" RECOMPACTED SUBGRADE

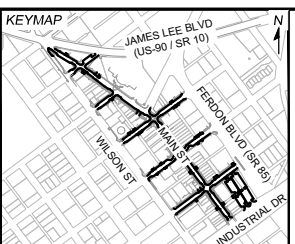
EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
BOC = BACK OF CURB  
BOW = BACK OF WALK



No.	DATE	DESCRIPTION	BY
REVISIONS			

**COMPUTER FILE MANAGEMENT**

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 PLOT DATE: SEPTEMBER 2023  
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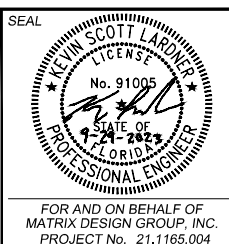


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**MAIN STREET IMPROVEMENTS**

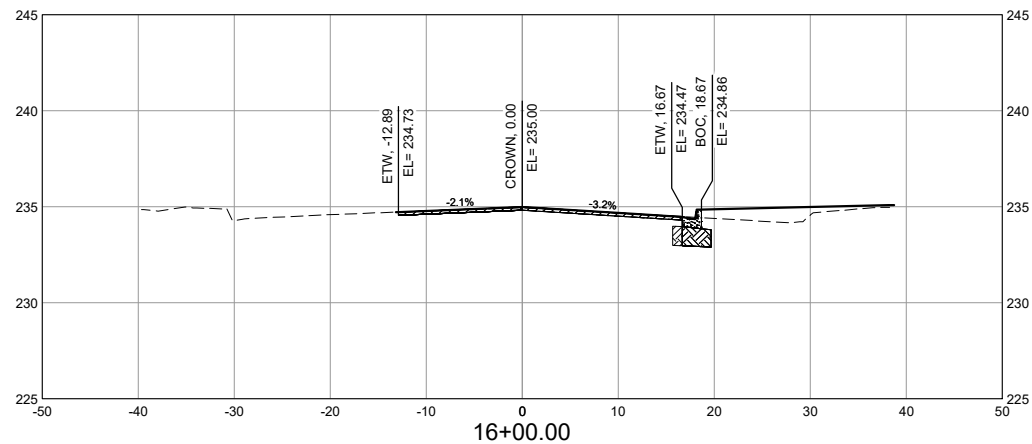
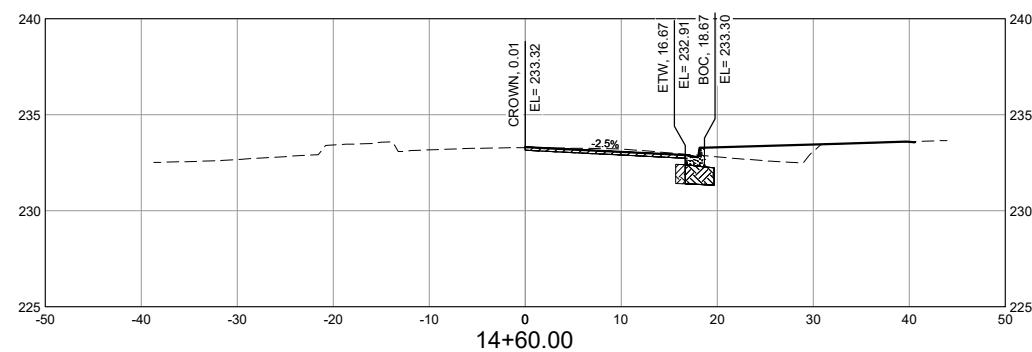
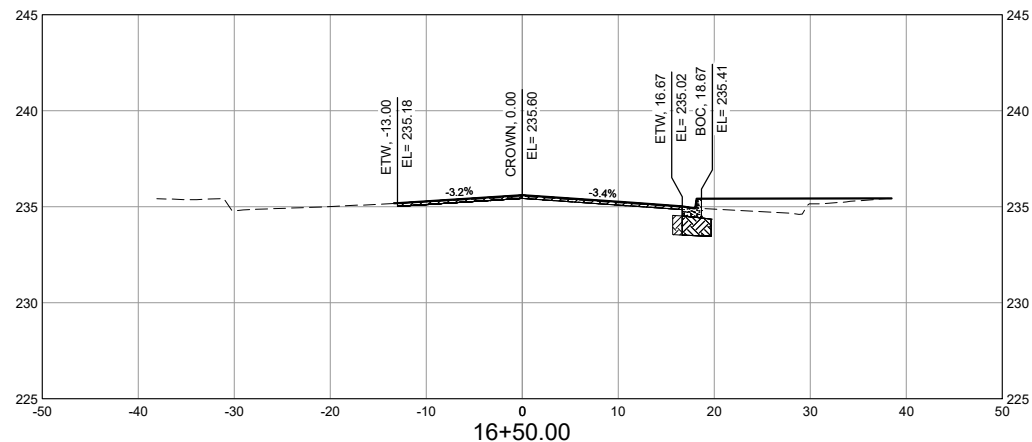
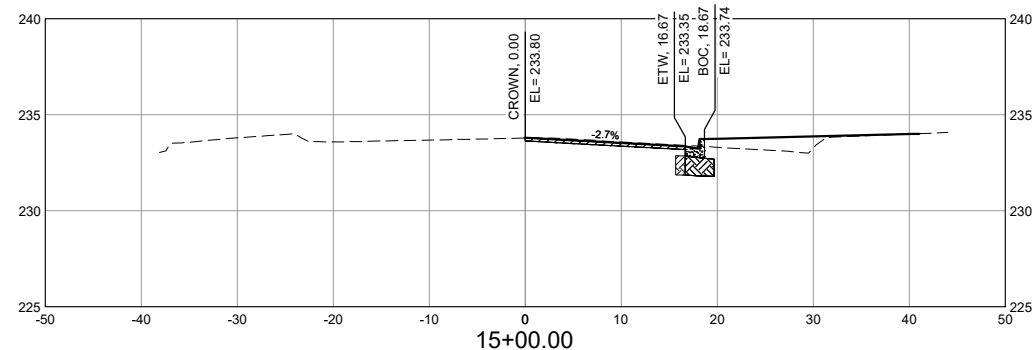
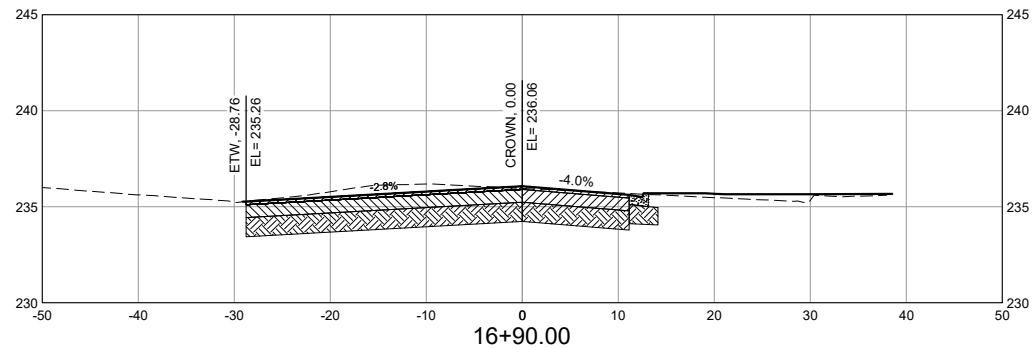
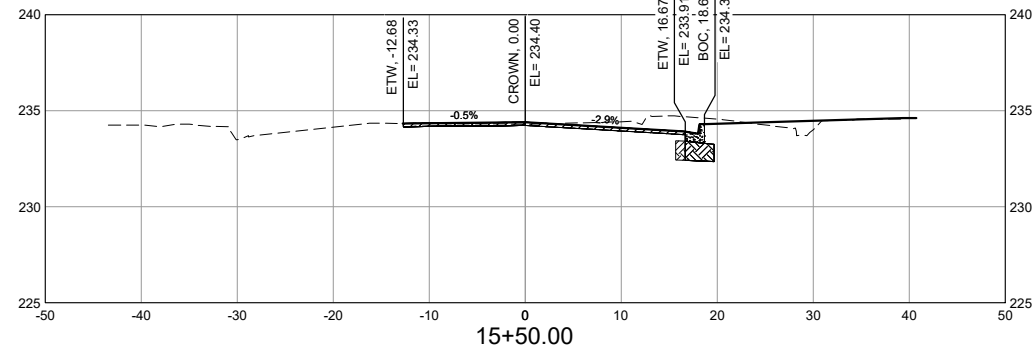
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**MAIN STREET CROSS SECTIONS 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. XS01
DRAWN BY: ACR	VERT. 1" = 5'	SHEET 83 OF 99	
CHECKED BY: KSL			



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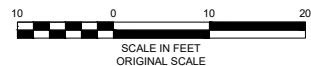
**NOTES:**

1. THE UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE.
2. THE CONTRACTOR MUST INDEPENDENTLY VERIFY THE LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
3. THE LOCATION OF UTILITIES SHOWN WAS OBTAINED FROM THE BEST AVAILABLE INFORMATION AT THE TIME OF DATA COLLECTION.

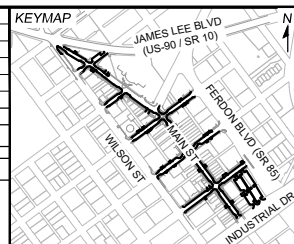
**LEGEND:**

- EXISTING GROUND
- PROPOSED GRADE
- 2" HOT MIX ASPHALT
- CONCRETE (4" SIDEWALK AND C&G)
- 12" RECOMPACTED SUBGRADE

EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
BOC = BACK OF CURB  
BOW = BACK OF WALK

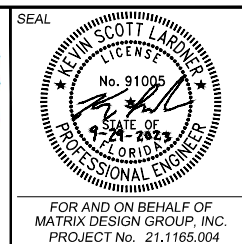


No.	DATE	DESCRIPTION REVISIONS	BY
COMPUTER FILE MANAGEMENT			
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CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

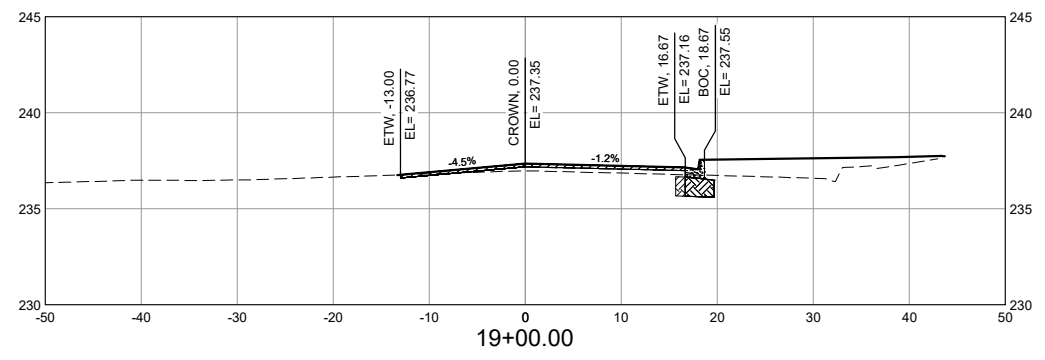
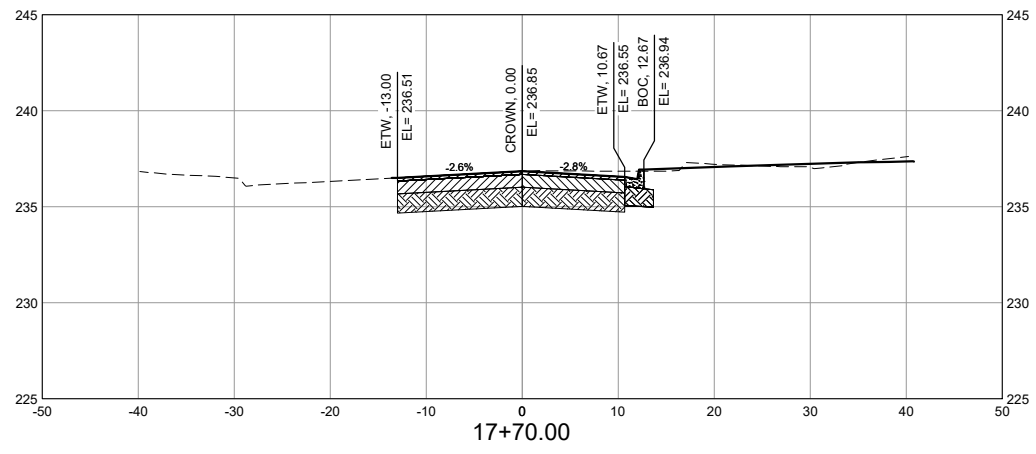
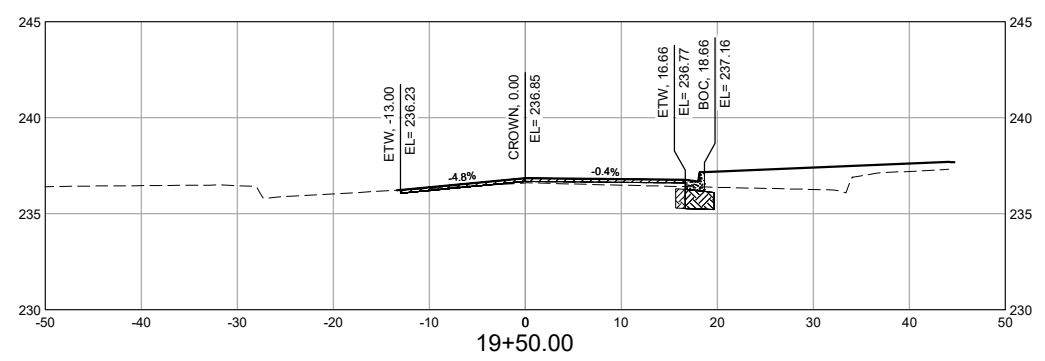
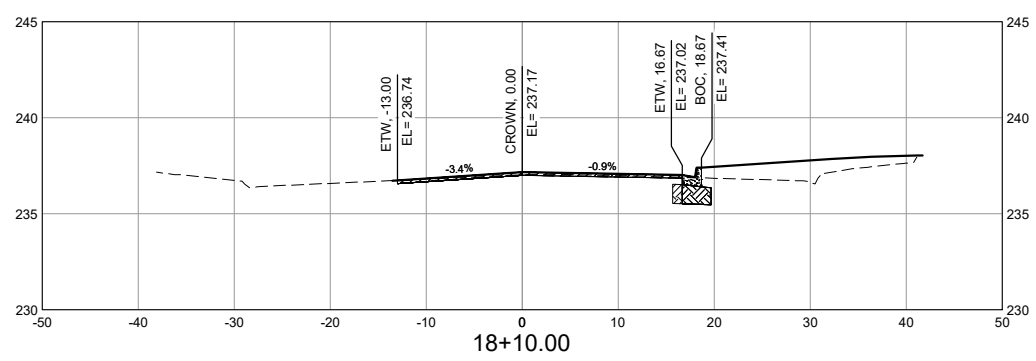
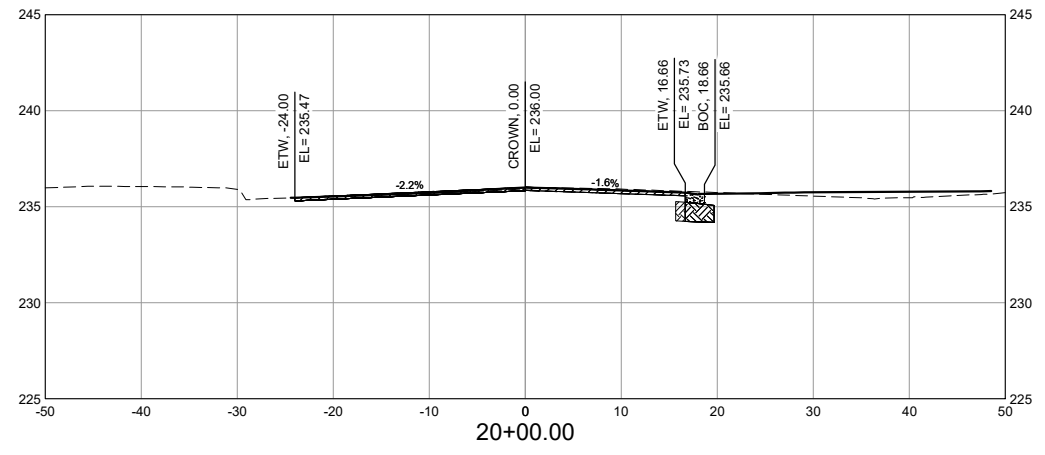
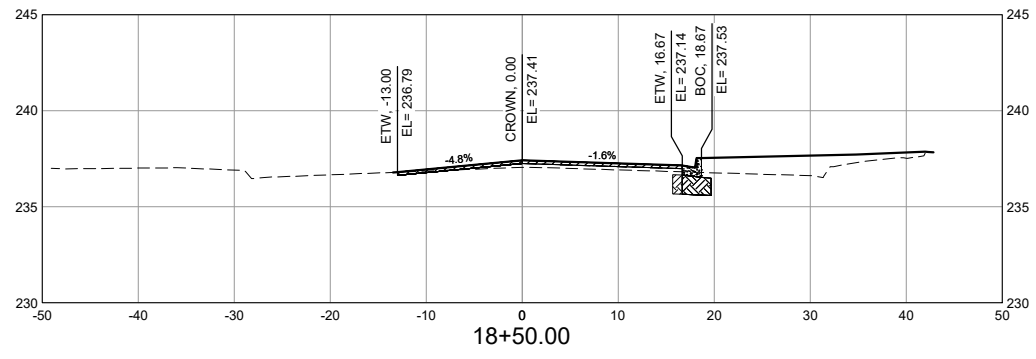
**MAIN STREET CROSS SECTIONS 02**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. XS02
CHECKED BY: KSL	VERT. 1" = 5'	SHEET 84 OF 99	

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004



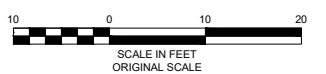
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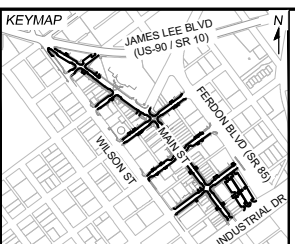
- NOTES:**
1. THE UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE.
  2. THE CONTRACTOR MUST INDEPENDENTLY VERIFY THE LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
  3. THE LOCATION OF UTILITIES SHOWN WAS OBTAINED FROM THE BEST AVAILABLE INFORMATION AT THE TIME OF DATA COLLECTION.

- LEGEND:**
- - - - - EXISTING GROUND
  - PROPOSED GRADE
  - [Hatched Box] 2" HOT MIX ASPHALT
  - [Dotted Box] CONCRETE (4" SIDEWALK AND C&G)
  - [Cross-hatched Box] 12" RECOMPACTED SUBGRADE

EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
BOC = BACK OF CURB  
BOW = BACK OF WALK



No.	DATE	DESCRIPTION	BY
REVISIONS			
COMPUTER FILE MANAGEMENT			
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\ITEPIX01_NEW.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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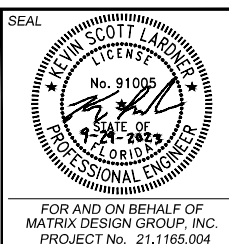


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**MAIN STREET IMPROVEMENTS**

CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

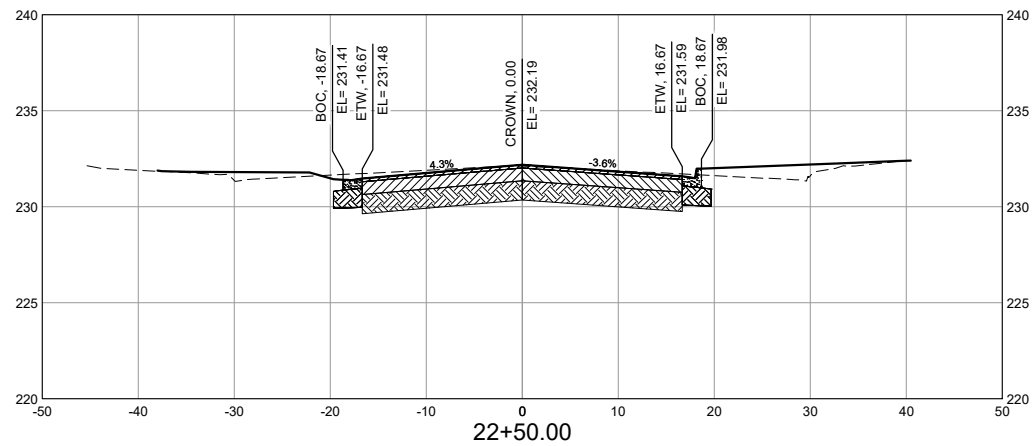
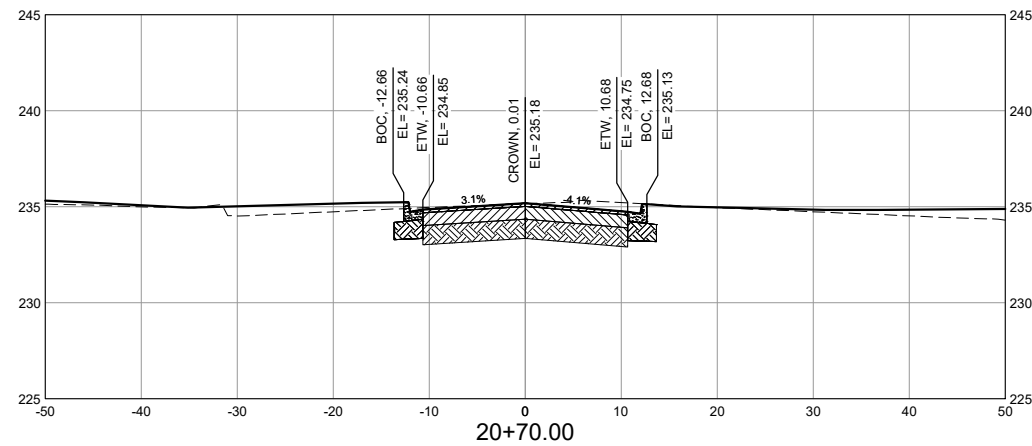
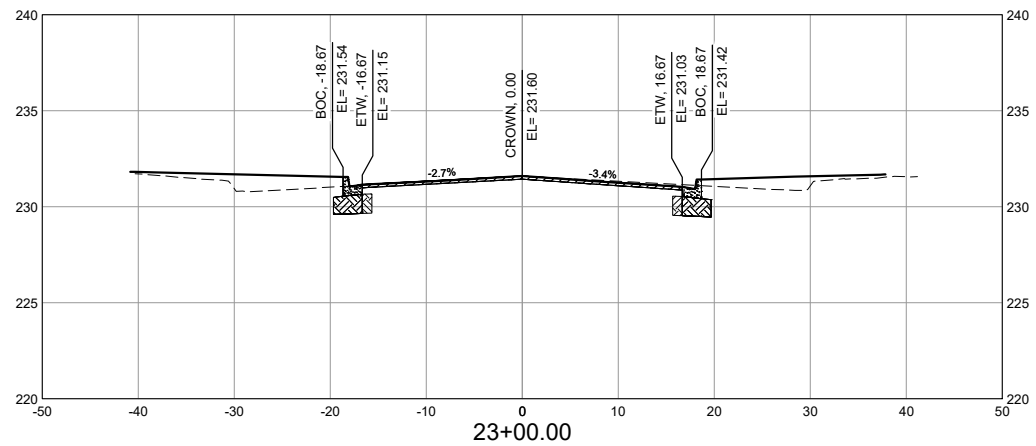
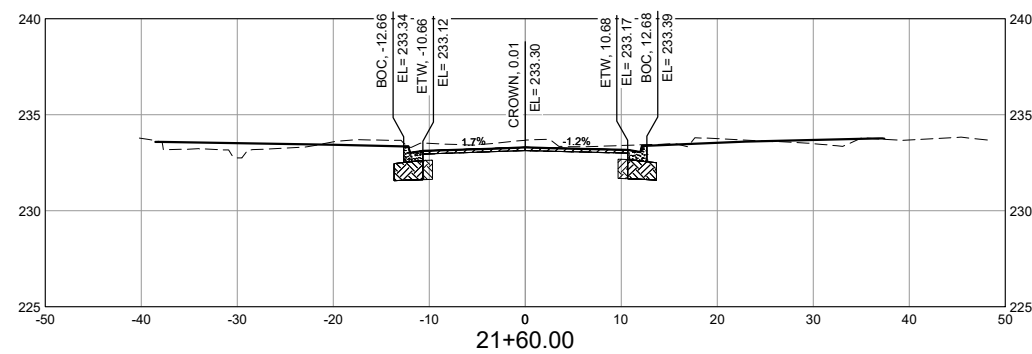
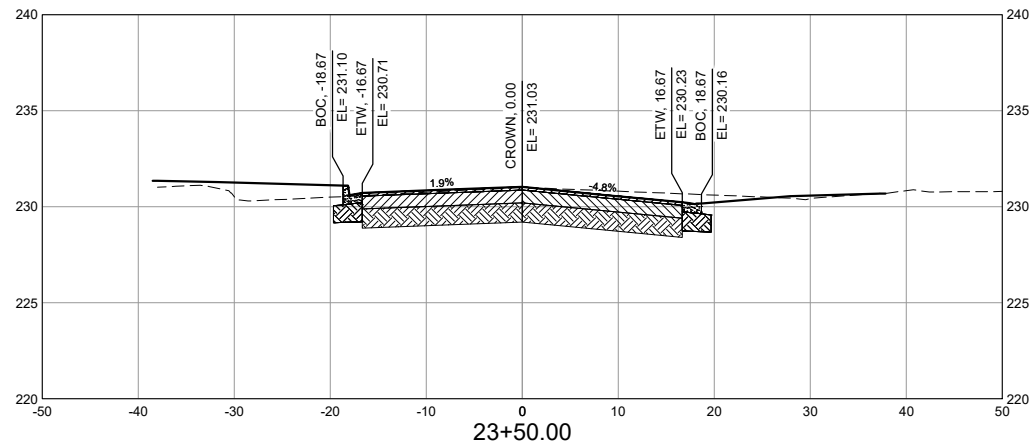
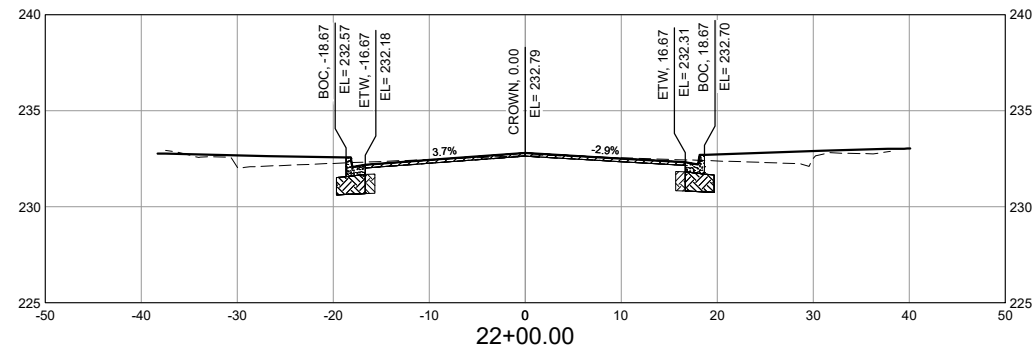
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**MAIN STREET CROSS SECTIONS 03**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. XS03
CHECKED BY: KSL	VERT. 1" = 5'	SHEET 85 OF 99	



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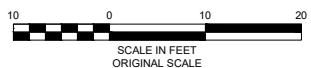
**NOTES:**

1. THE UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE.
2. THE CONTRACTOR MUST INDEPENDENTLY VERIFY THE LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
3. THE LOCATION OF UTILITIES SHOWN WAS OBTAINED FROM THE BEST AVAILABLE INFORMATION AT THE TIME OF DATA COLLECTION.

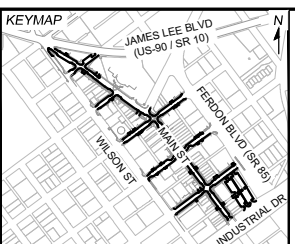
**LEGEND:**

- EXISTING GROUND
- PROPOSED GRADE
- 2" HOT MIX ASPHALT
- CONCRETE (4" SIDEWALK AND C&G)
- 12" RECOMPACTED SUBGRADE

EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
BOC = BACK OF CURB  
BOW = BACK OF WALK



No.	DATE	DESCRIPTION	BY
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PLOT DATE: SEPTEMBER 2023			
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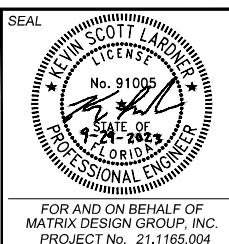


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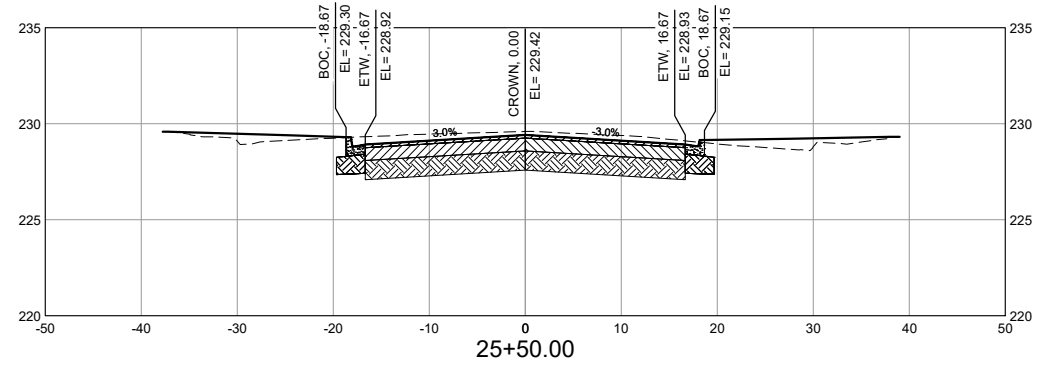
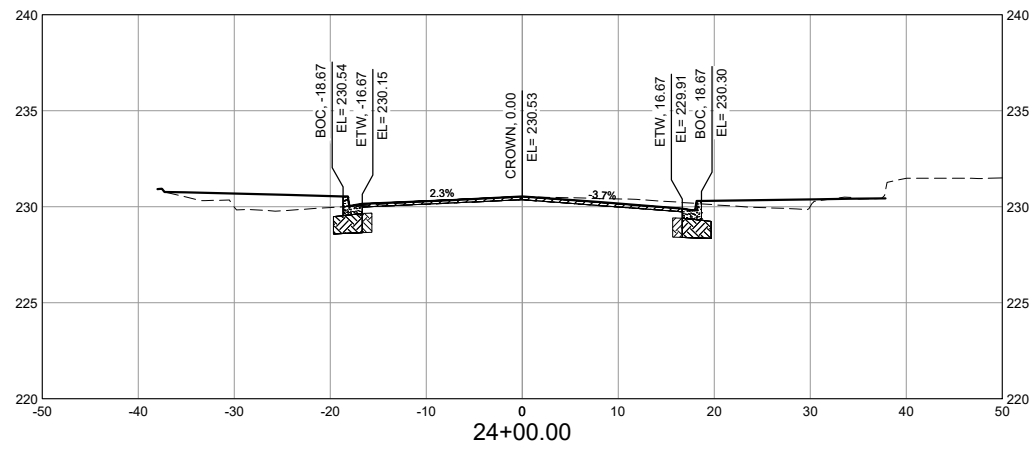
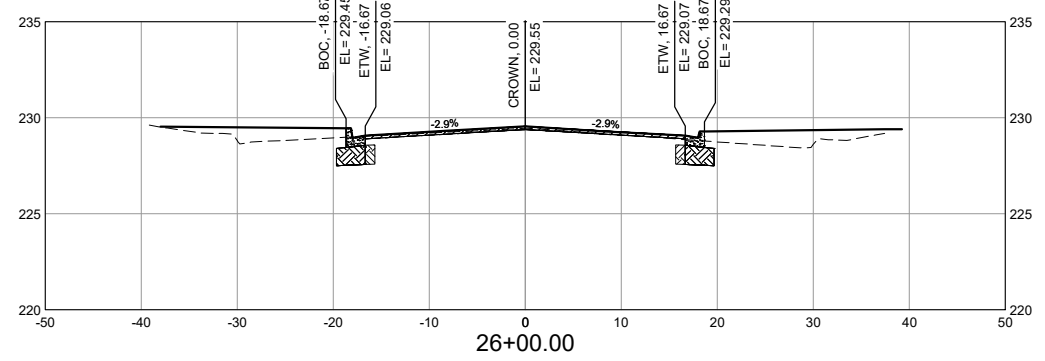
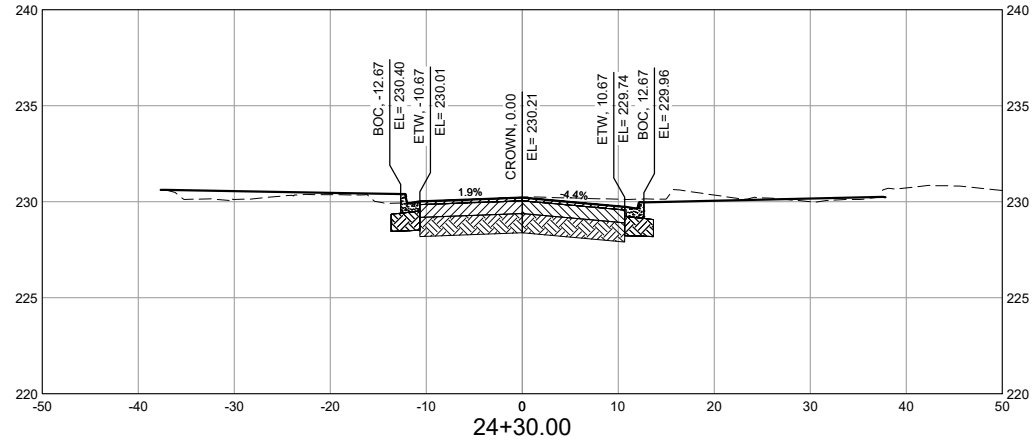
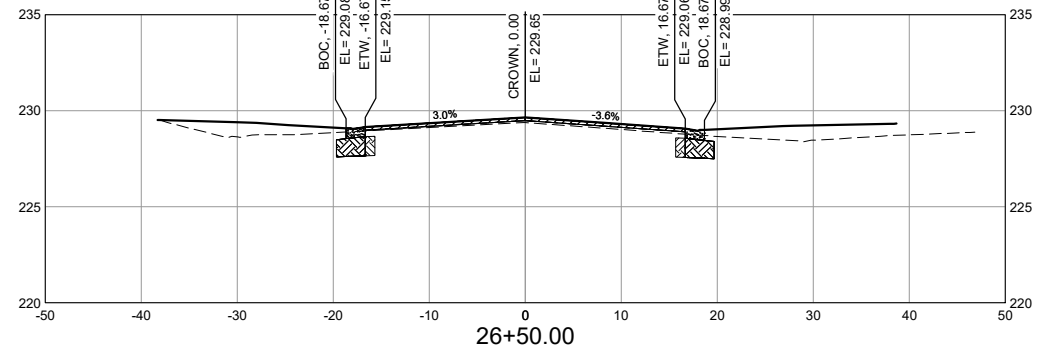
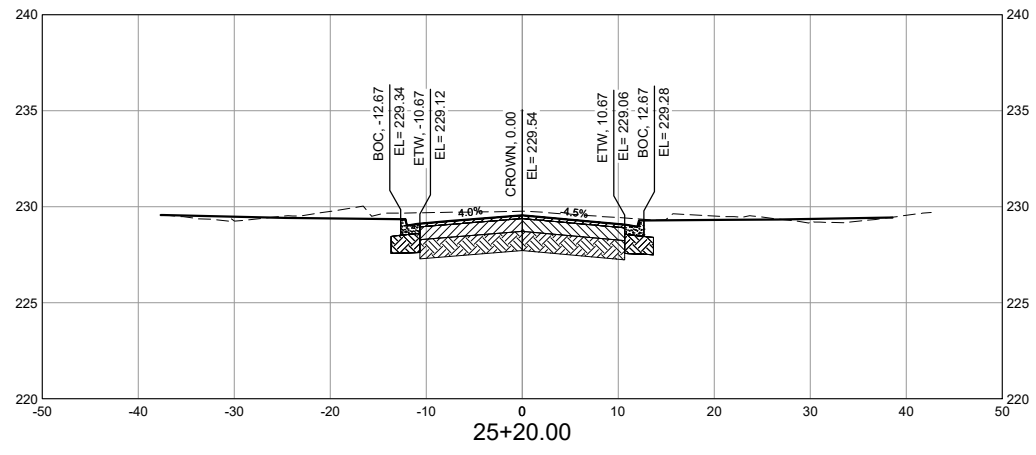
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<b>MAIN STREET IMPROVEMENTS</b>			
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<b>MAIN STREET CROSS SECTIONS 04</b>			
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CHECKED BY: KSL	VERT. 1" = 5'	SHEET 86 OF 99	



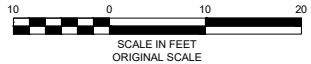
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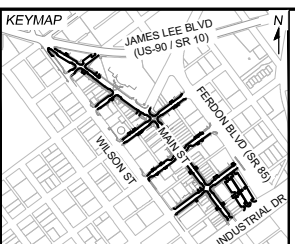
- NOTES:**
1. THE UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE.
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  3. THE LOCATION OF UTILITIES SHOWN WAS OBTAINED FROM THE BEST AVAILABLE INFORMATION AT THE TIME OF DATA COLLECTION.

- LEGEND:**
- - - - - EXISTING GROUND
  - PROPOSED GRADE
  - [Hatched Box] 2" HOT MIX ASPHALT
  - [Dotted Box] CONCRETE (4" SIDEWALK AND C&G)
  - [Cross-hatched Box] 12" RECOMPACTED SUBGRADE

EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
BOC = BACK OF CURB  
BOW = BACK OF WALK



REFERENCE DRAWINGS			
1165-P-Roads			
X-MDG22x34-TEP			
1165-P-GRADE			
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PLOT DATE: SEPTEMBER 2023			
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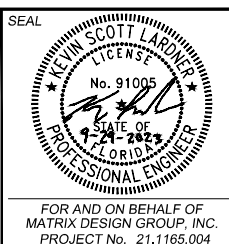


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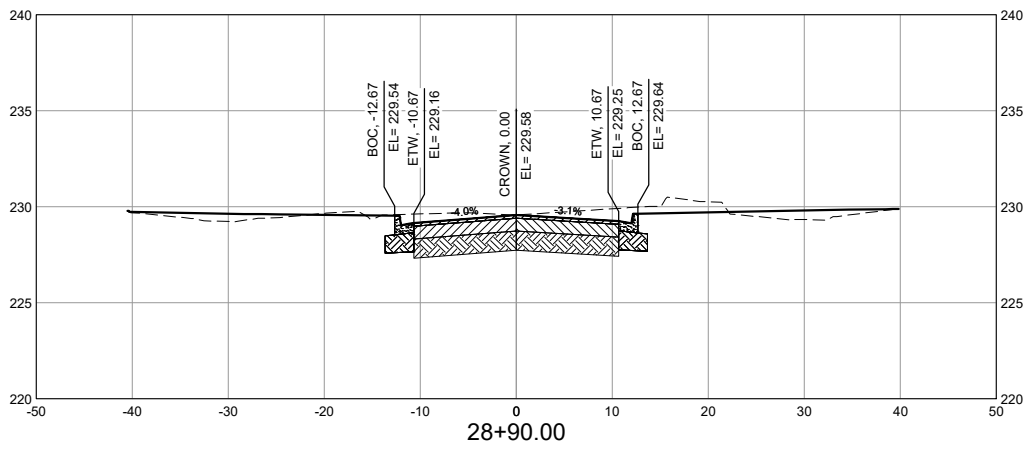
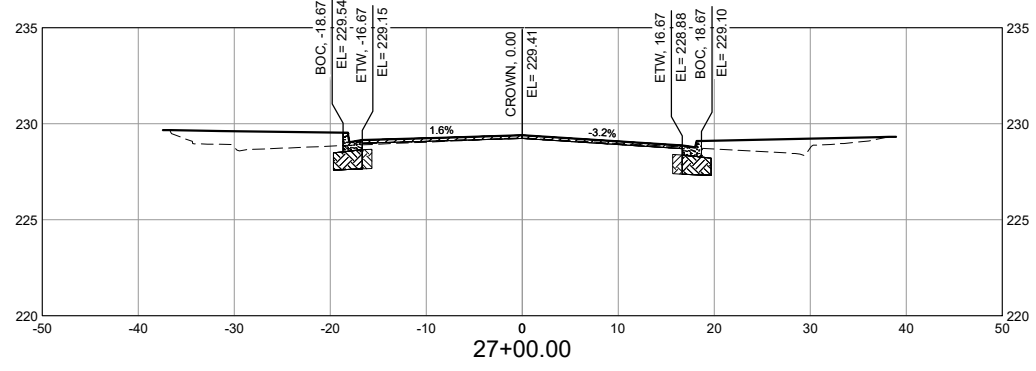
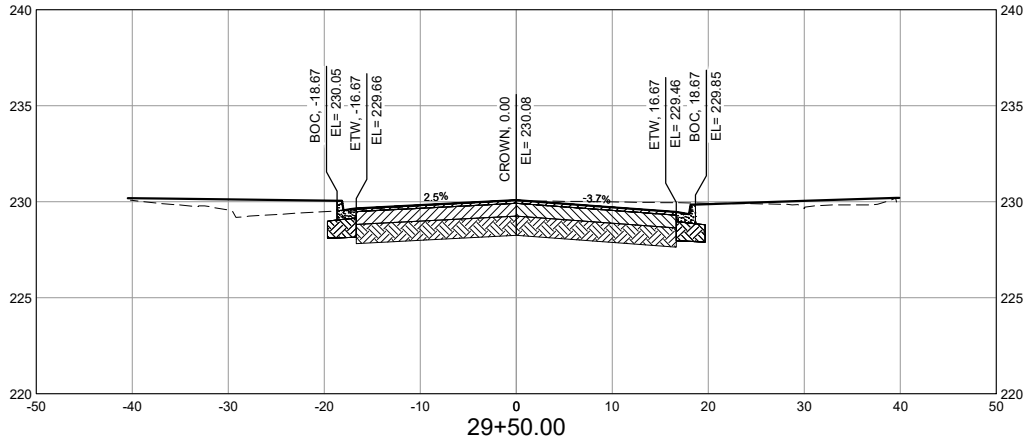
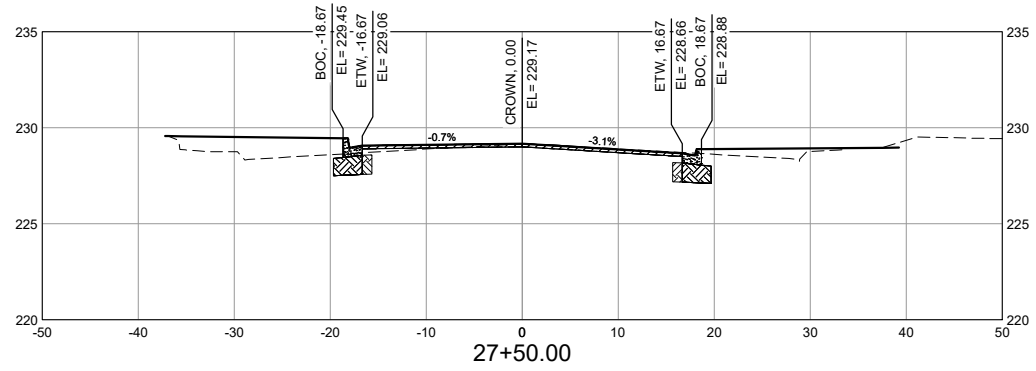
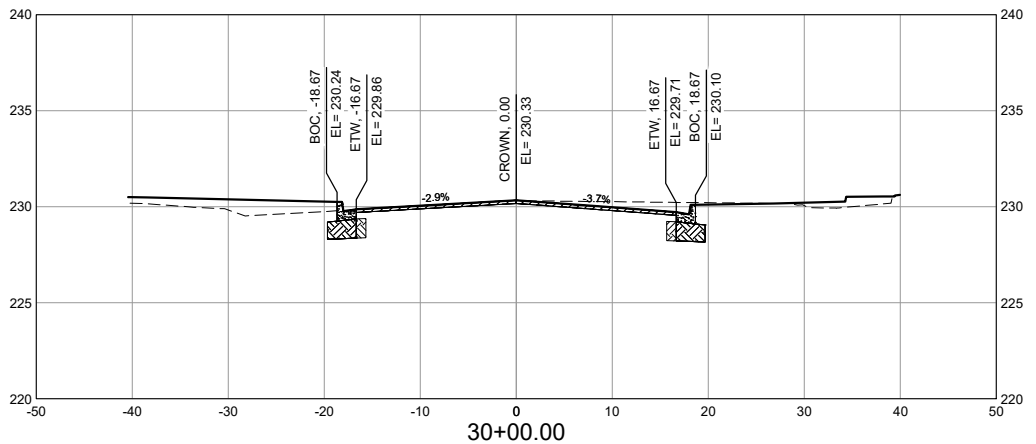
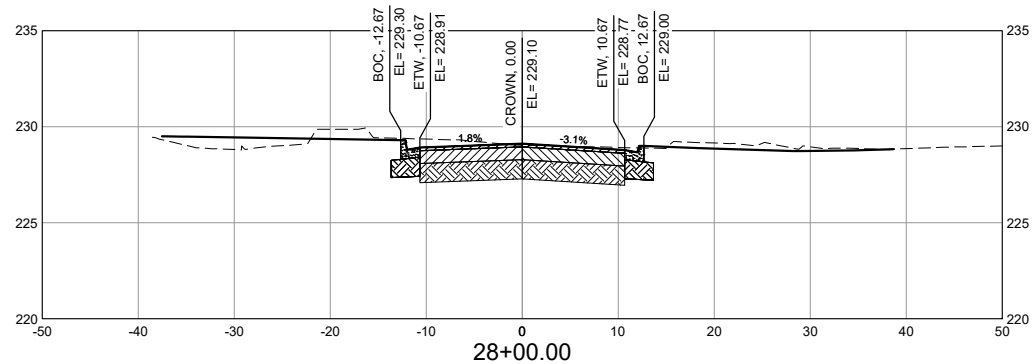
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CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**MAIN STREET CROSS SECTIONS 05**

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CHECKED BY: KSL	VERT. 1" = 5'	SHEET 87 OF 99	



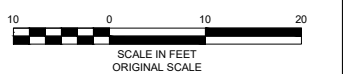
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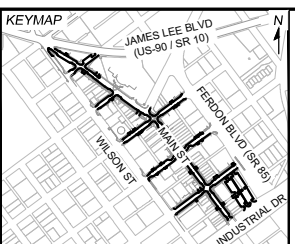
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- LEGEND:**
- - - - - EXISTING GROUND
  - PROPOSED GRADE
  - [Hatched Box] 2" HOT MIX ASPHALT
  - [Dotted Box] CONCRETE (4" SIDEWALK AND C&G)
  - [Cross-hatched Box] 12" RECOMPACTED SUBGRADE

EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
BOC = BACK OF CURB  
BOW = BACK OF WALK



No.	DATE	DESCRIPTION	BY
REVISIONS			
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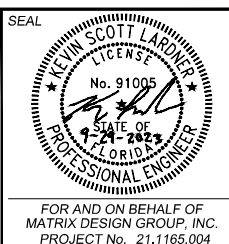


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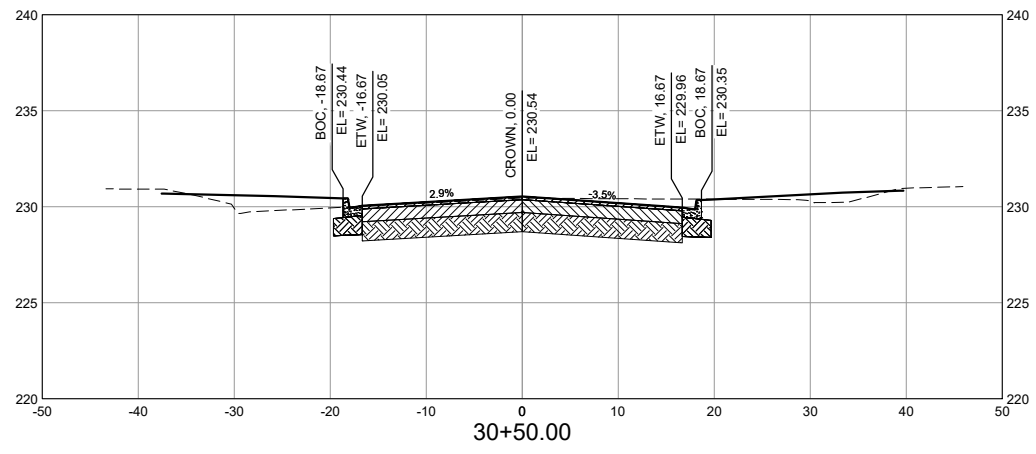
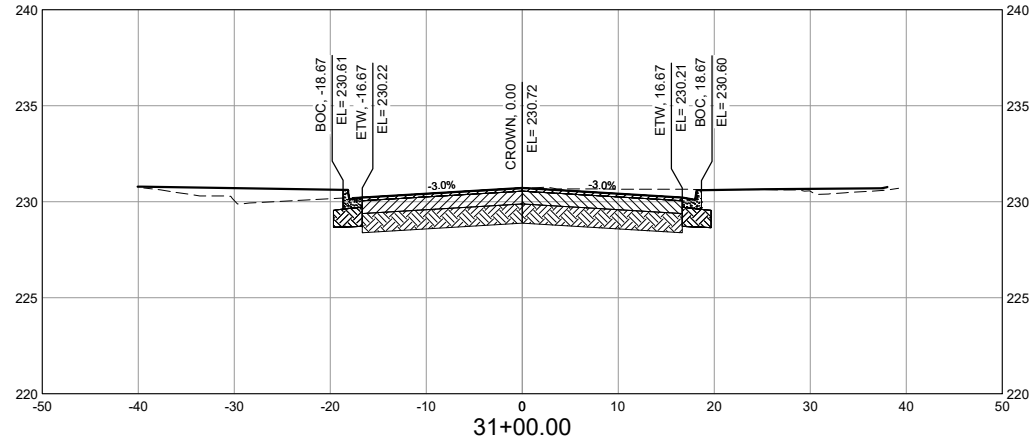
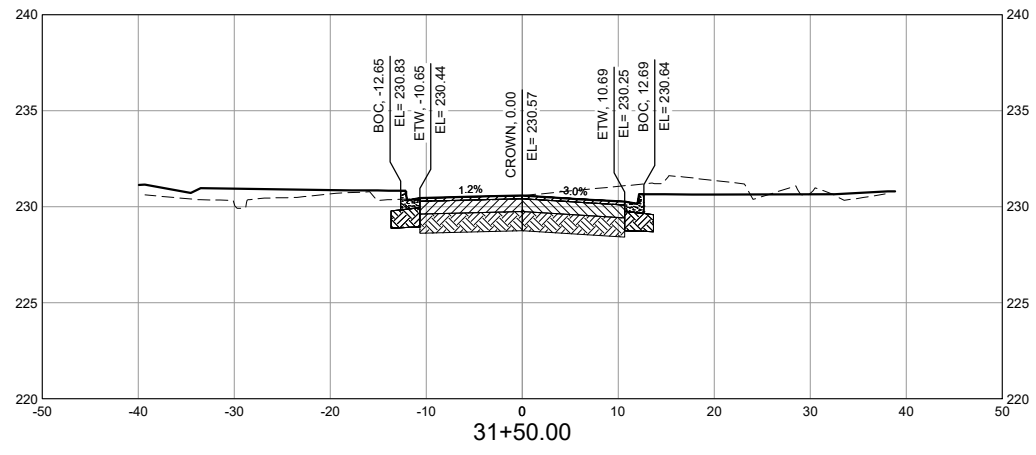
**MAIN STREET CROSS SECTIONS 06**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. XS06
DRAWN BY: ACR	VERT. 1" = 5'	SHEET 88 OF 99	
CHECKED BY: KSL			





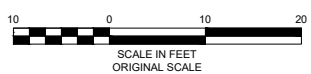
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- LEGEND:**
- - - - - EXISTING GROUND
  - PROPOSED GRADE
  - ▨ 2" HOT MIX ASPHALT
  - ▤ CONCRETE (4" SIDEWALK AND C&G)
  - ▧ 12" RECOMPACTED SUBGRADE

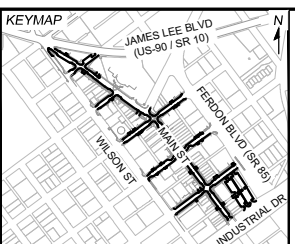
EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
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BOW = BACK OF WALK



No.	DATE	DESCRIPTION	BY
REVISIONS			

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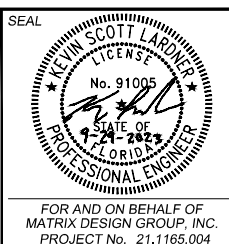


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**MAIN STREET IMPROVEMENTS**

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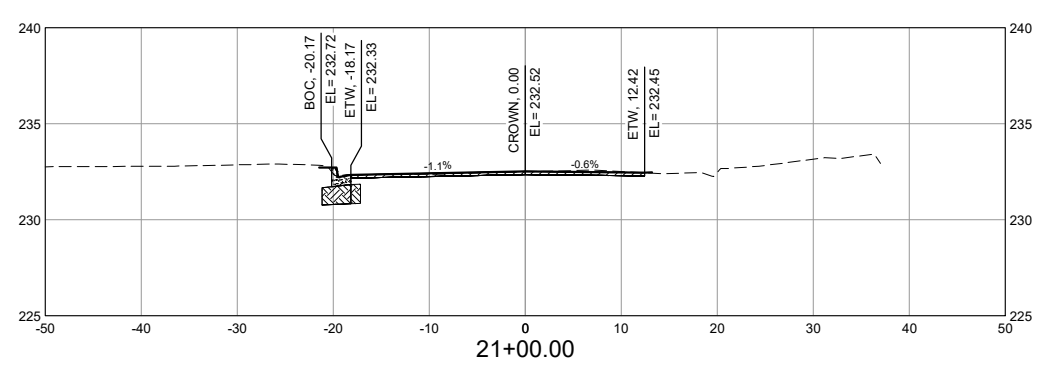
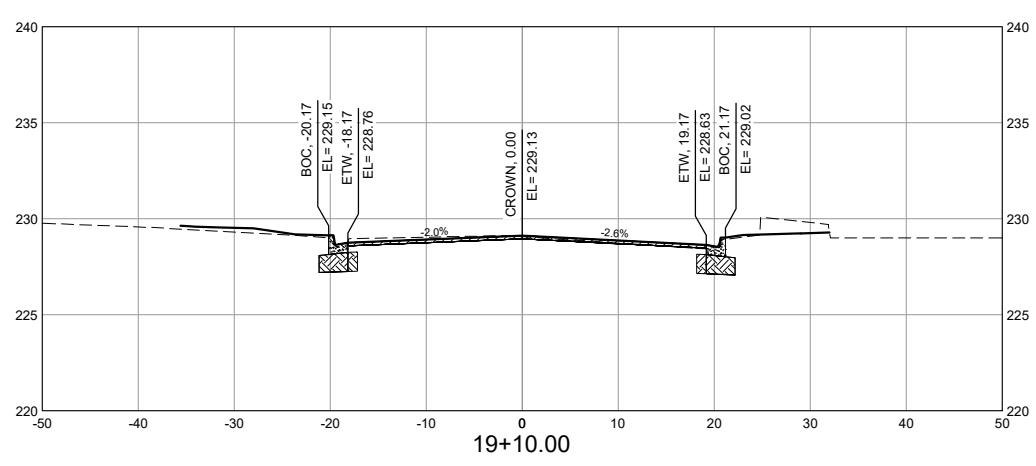
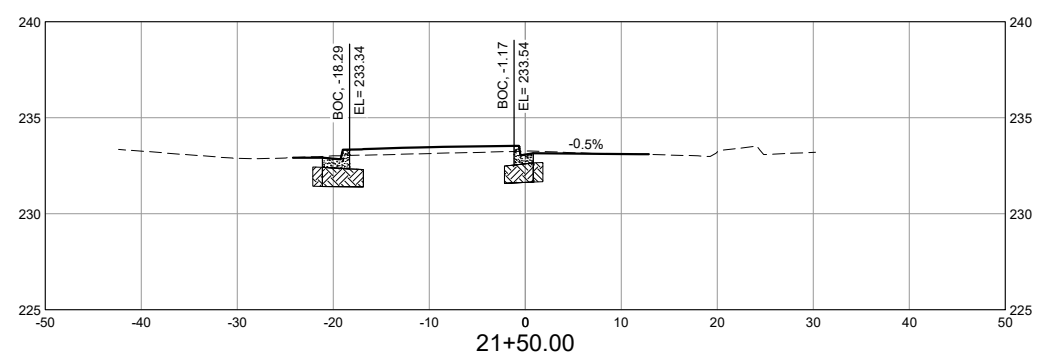
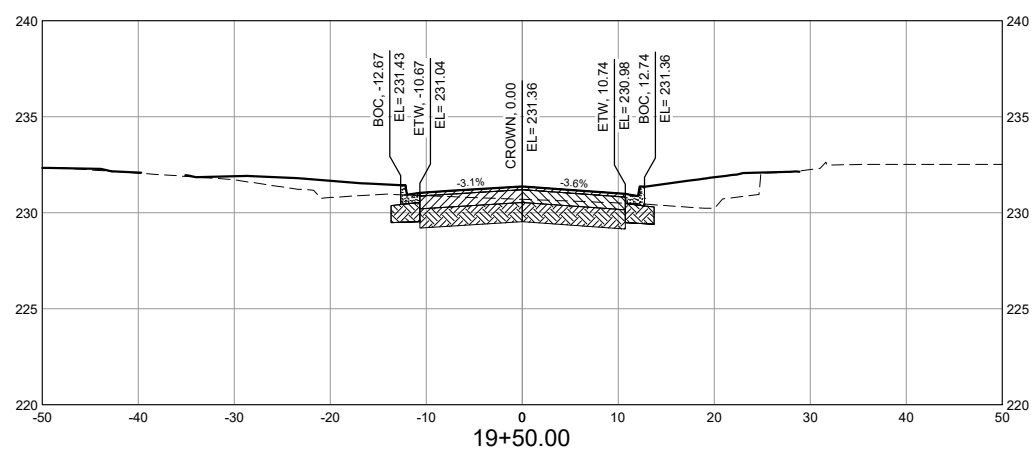
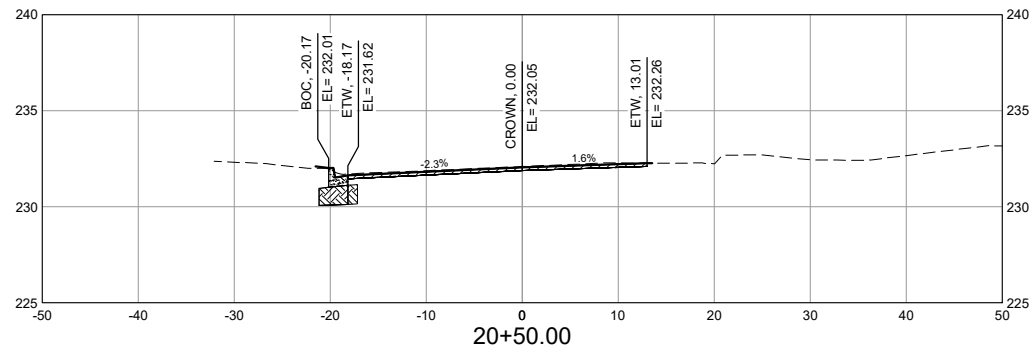
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**MAIN STREET CROSS SECTIONS 07**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. XS07
DRAWN BY: ACR	VERT. 1" = 5'	SHEET 89 OF 99	
CHECKED BY: KSL			



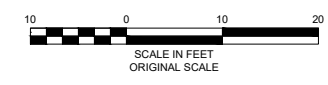
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- LEGEND:**
- - - - - EXISTING GROUND
  - PROPOSED GRADE
  - [Hatched Box] 2" HOT MIX ASPHALT
  - [Dotted Box] CONCRETE (4" SIDEWALK AND C&G)
  - [Cross-hatched Box] 12" RECOMPACTED SUBGRADE

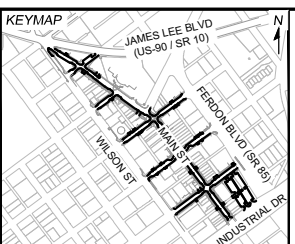
EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
BOC = BACK OF CURB  
BOW = BACK OF WALK



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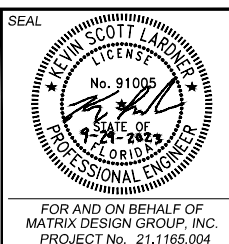


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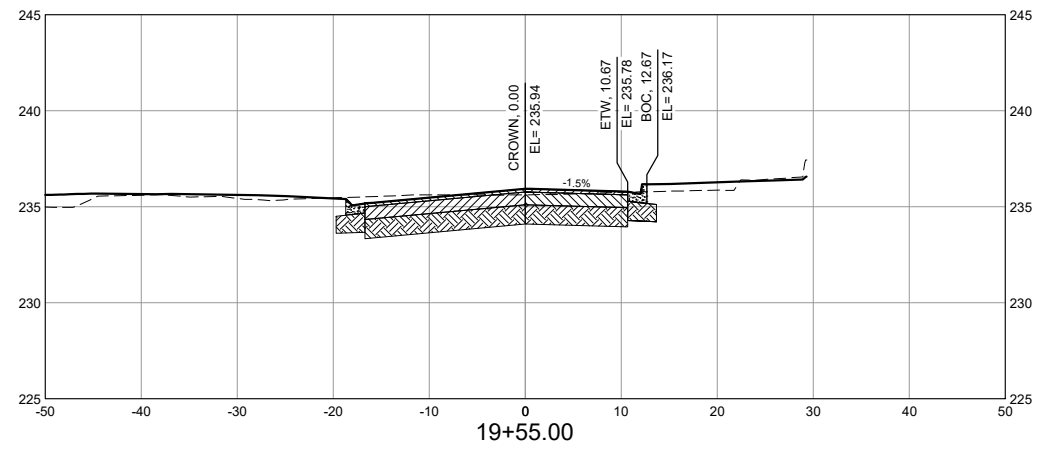
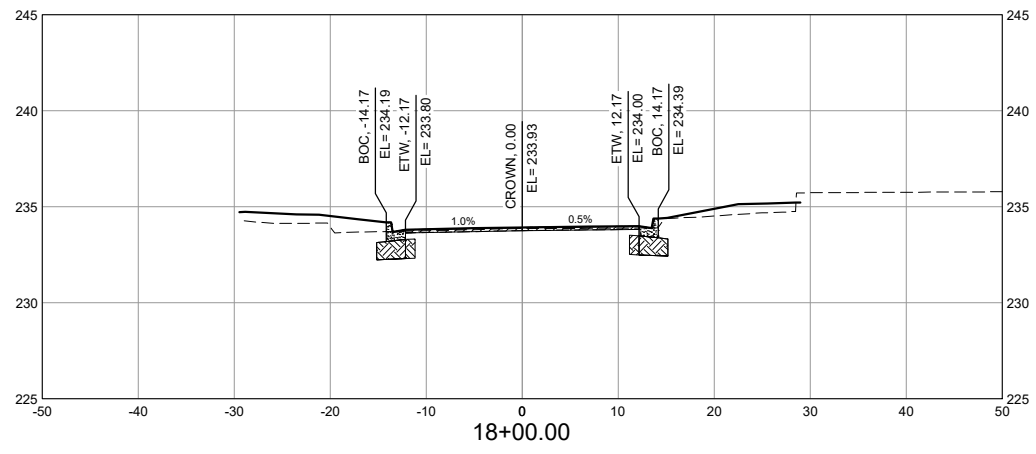
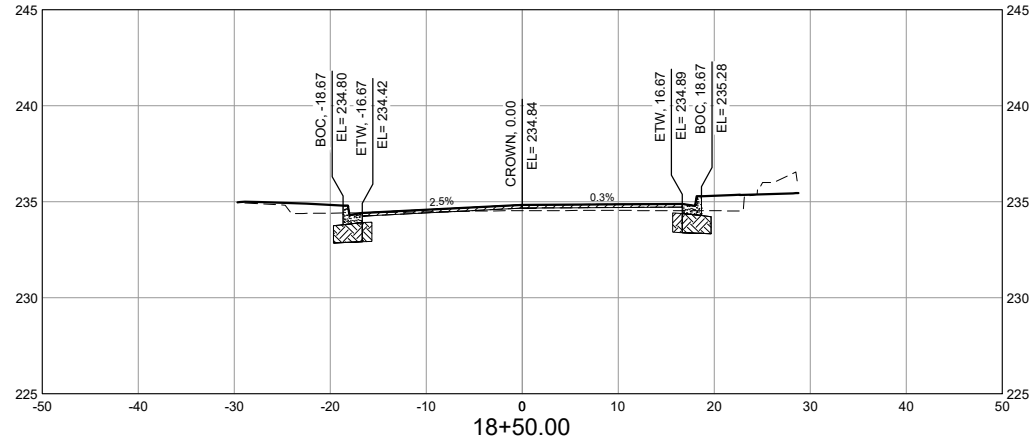
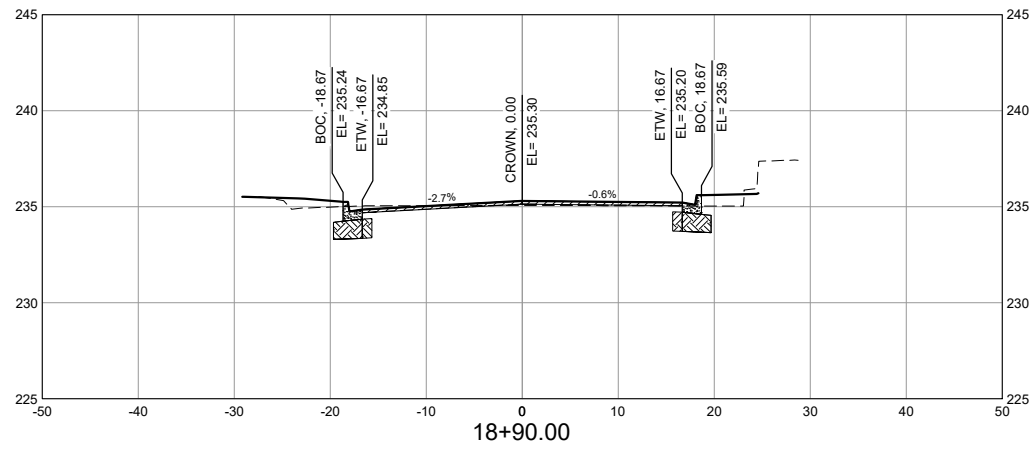
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**CEDAR AVENUE CROSS SECTIONS 01**

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DRAWN BY: ACR	VERT. 1" = 5'	SHEET 90 OF 99	
CHECKED BY: KSL			



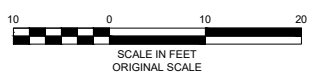
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  - PROPOSED GRADE
  - [Hatched Box] 2" HOT MIX ASPHALT
  - [Dotted Box] CONCRETE (4" SIDEWALK AND C&G)
  - [Cross-hatched Box] 12" RECOMPACTED SUBGRADE

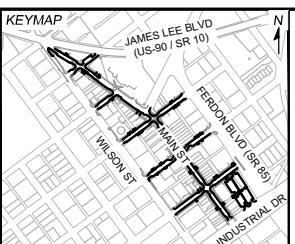
EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
BOC = BACK OF CURB  
BOW = BACK OF WALK



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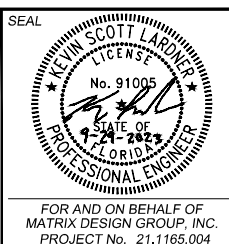


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ENGINEERING PLANS

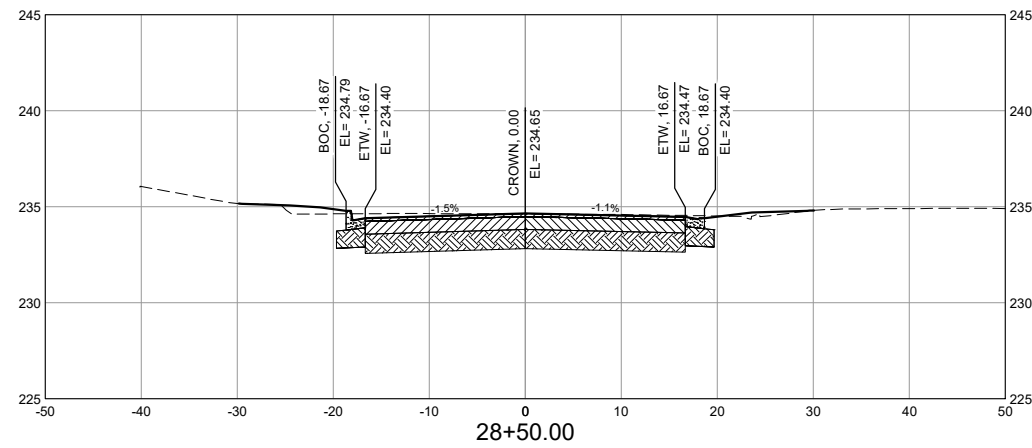
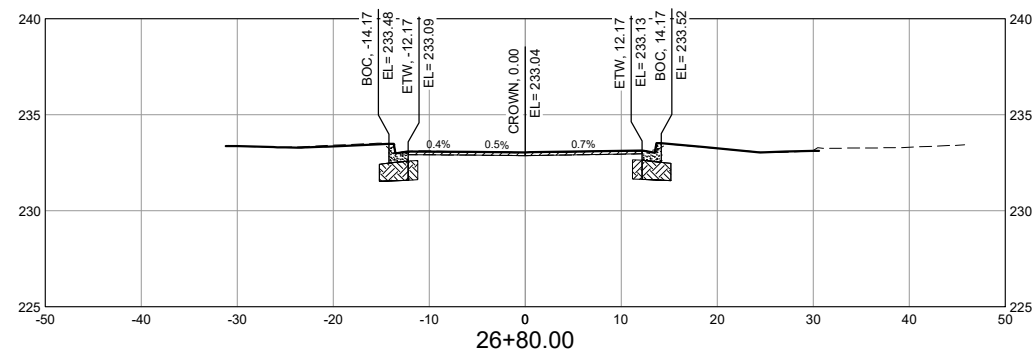
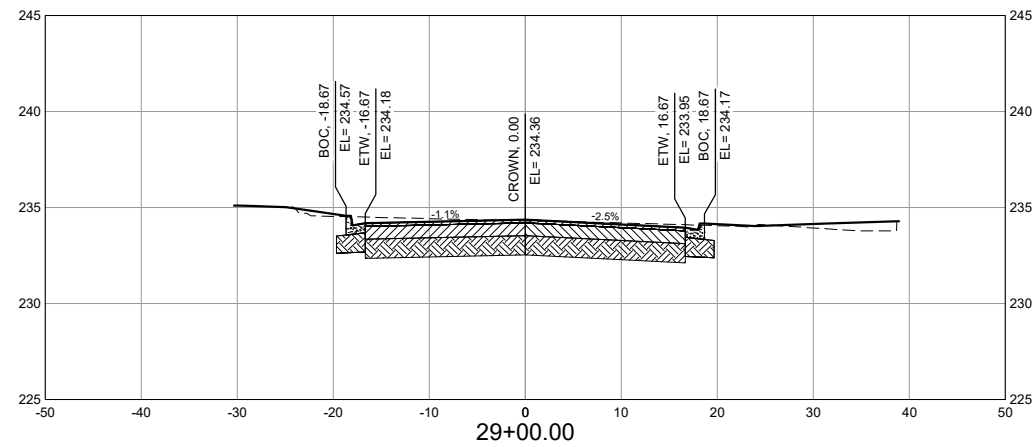
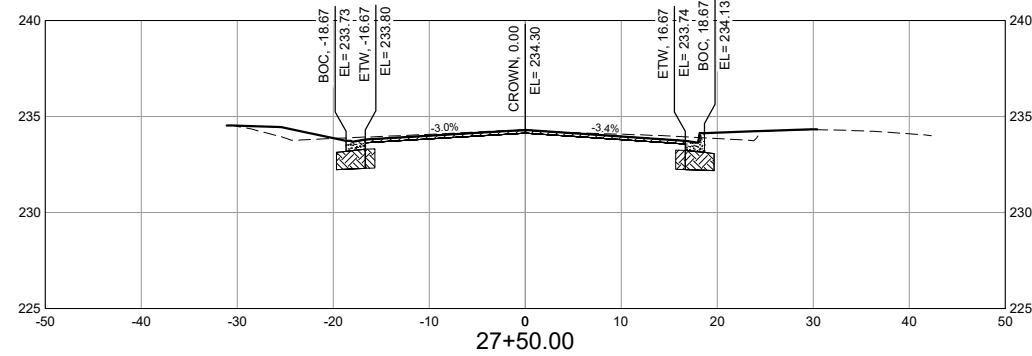
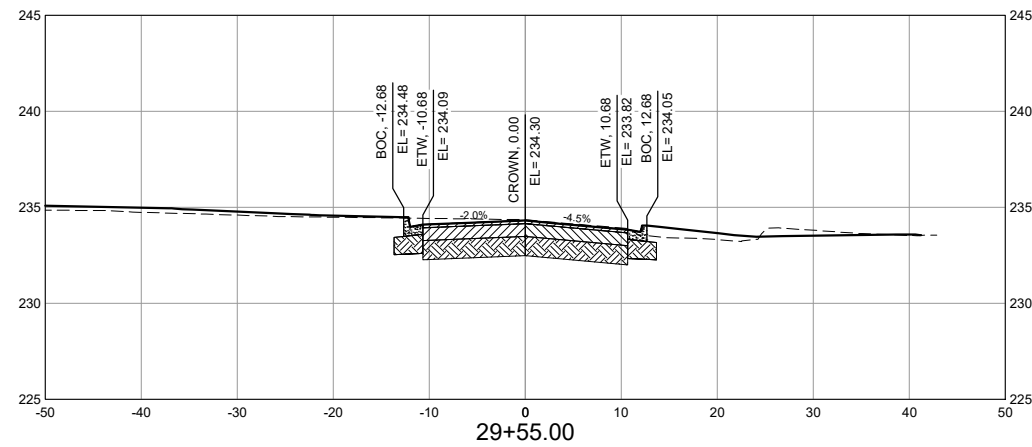
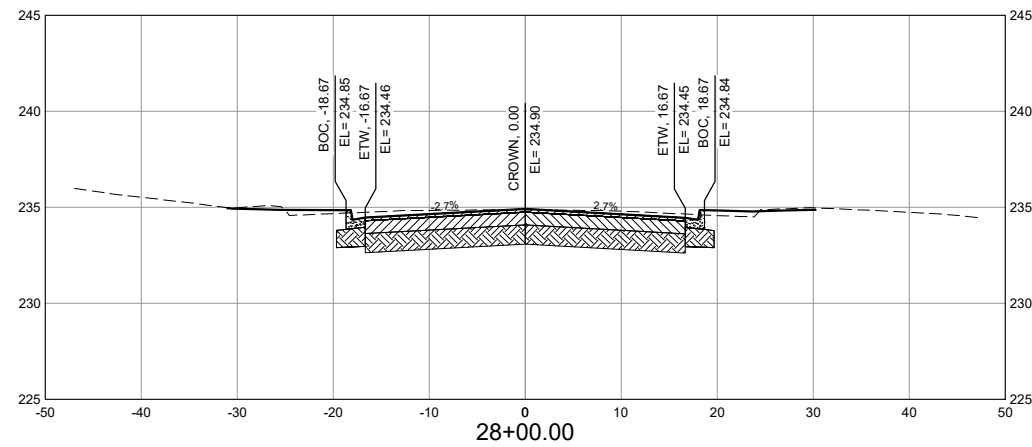
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**PINE AVENUE CROSS SECTIONS 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. XS09
CHECKED BY: KSL	VERT. 1" = 5'	SHEET 91 OF 99	



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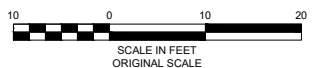
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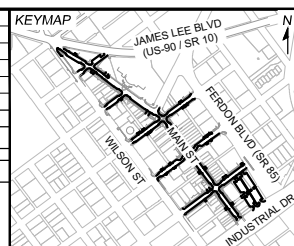
**LEGEND:**

- EXISTING GROUND
- PROPOSED GRADE
- 2" HOT MIX ASPHALT
- CONCRETE (4" SIDEWALK AND C&G)
- 12" RECOMPACTED SUBGRADE

EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
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CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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FLORIDA

198 North Wilson Street  
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www.cityofcrestview.org

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**Matrix**  
Excellence by Design

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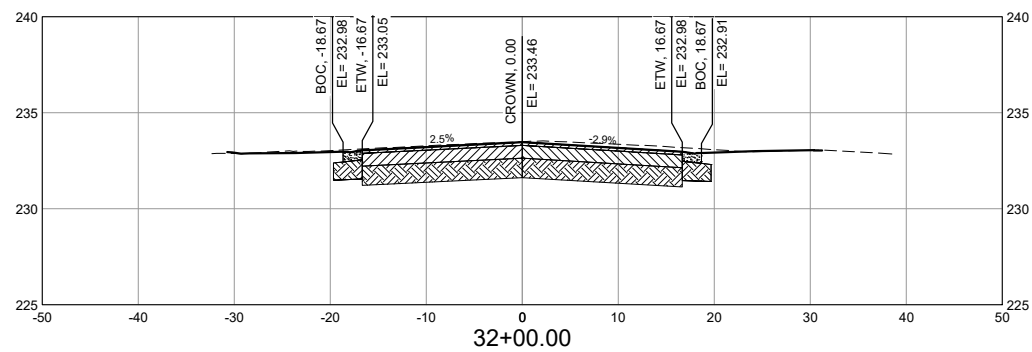
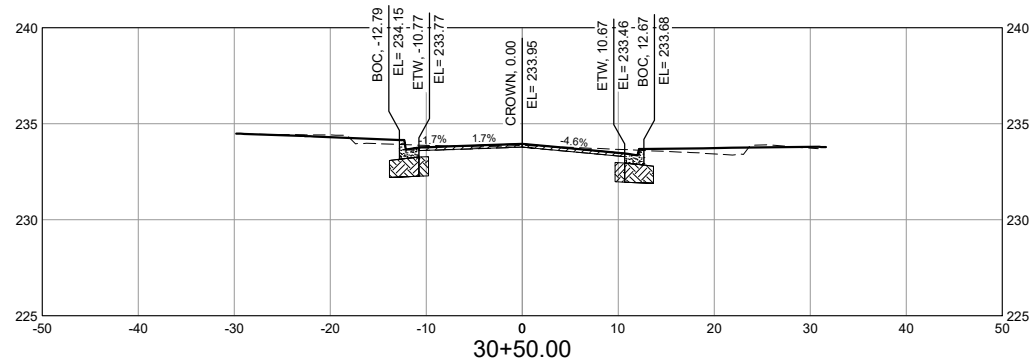
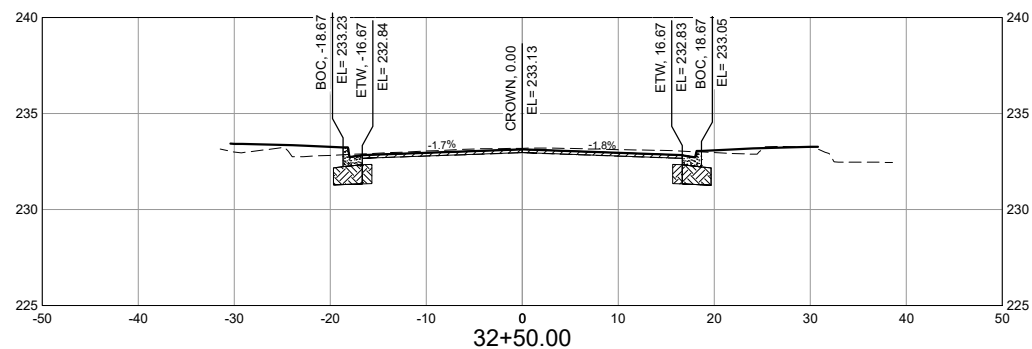
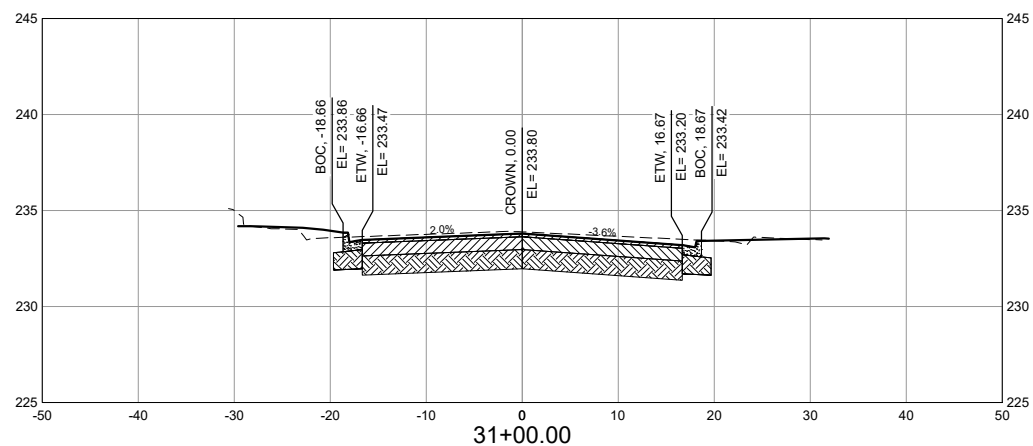
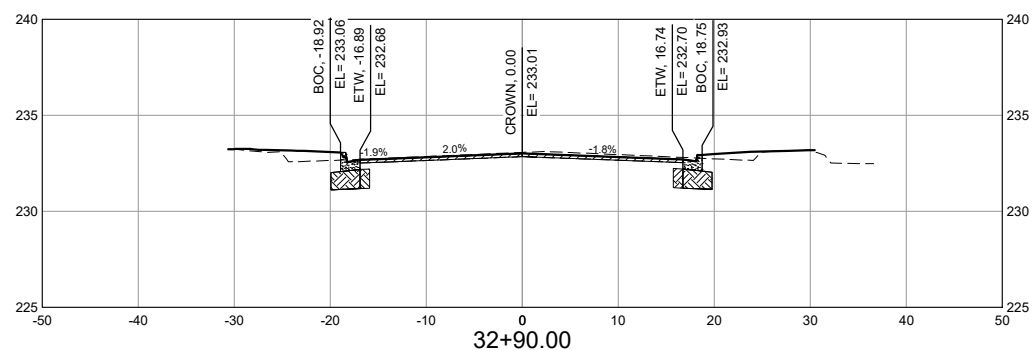
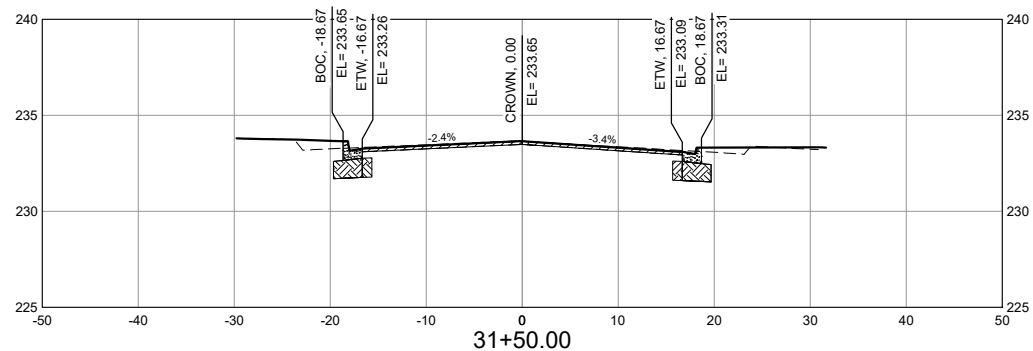
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**BEECH AVENUE CROSS SECTIONS 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. XS10
CHECKED BY: KSL	VERT. 1" = 5'	SHEET 92 OF 99	



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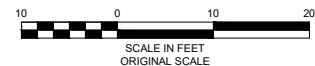
**NOTES:**

1. THE UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE.
2. THE CONTRACTOR MUST INDEPENDENTLY VERIFY THE LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
3. THE LOCATION OF UTILITIES SHOWN WAS OBTAINED FROM THE BEST AVAILABLE INFORMATION AT THE TIME OF DATA COLLECTION.

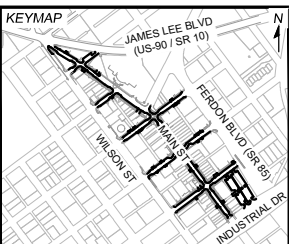
**LEGEND:**

- EXISTING GROUND
- PROPOSED GRADE
- 2" HOT MIX ASPHALT
- CONCRETE (4" SIDEWALK AND C&G)
- 12" RECOMPACTED SUBGRADE

EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
BOC = BACK OF CURB  
BOW = BACK OF WALK



No.	DATE	DESCRIPTION	BY
COMPUTER FILE MANAGEMENT			
FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\ITEPIX04_NEW.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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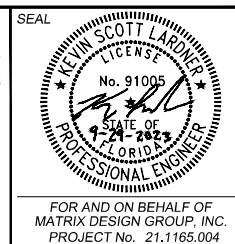


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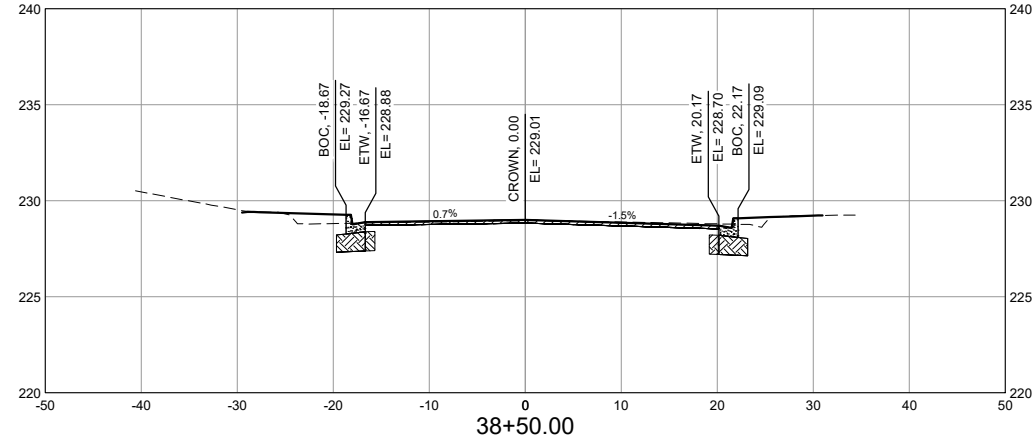
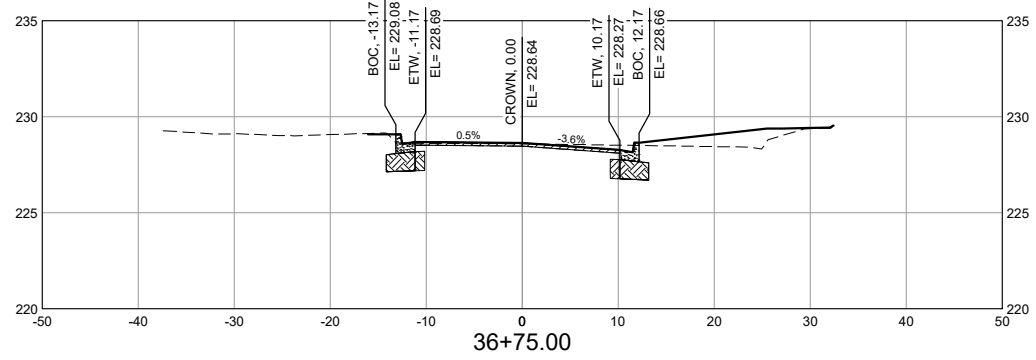
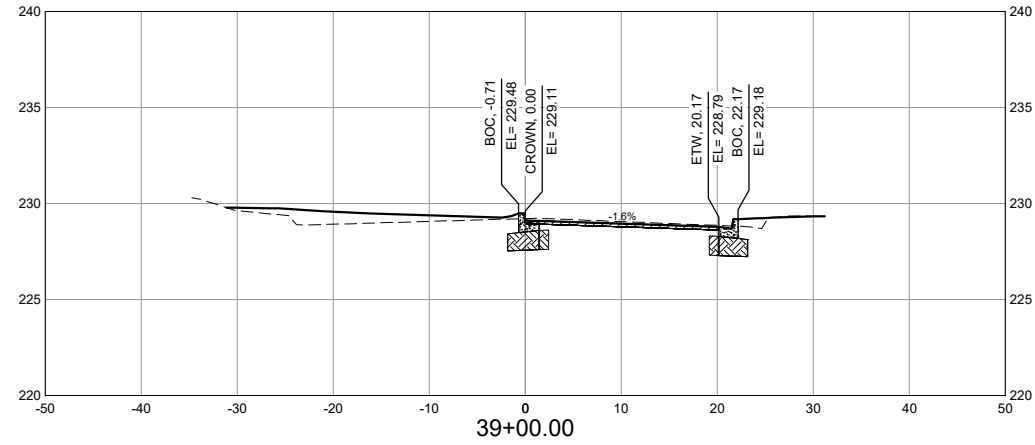
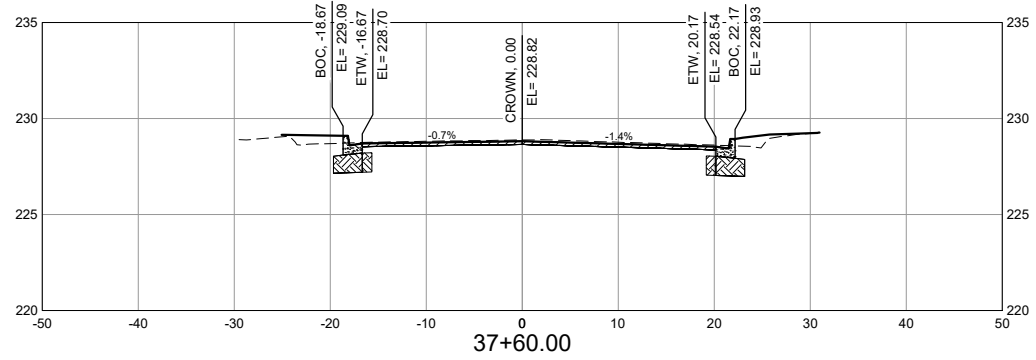
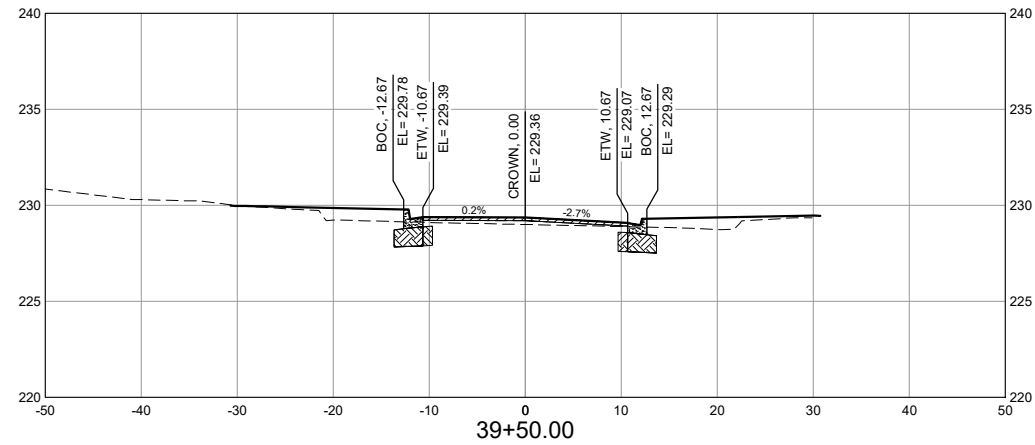
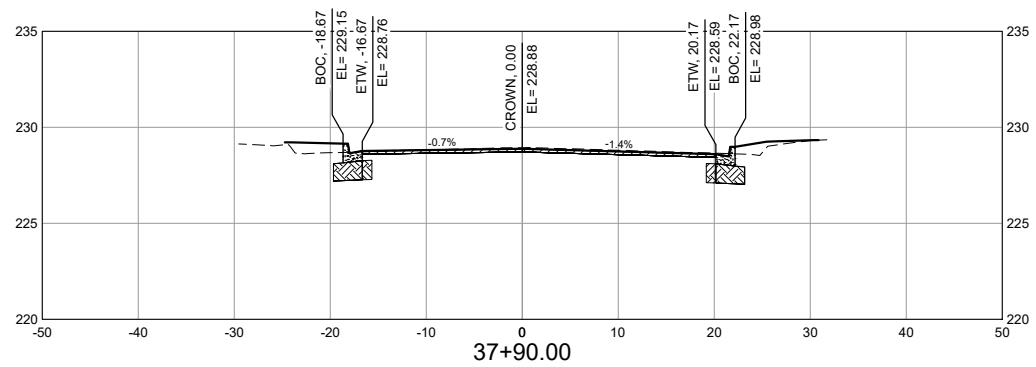
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<b>MAIN STREET IMPROVEMENTS</b>			
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS			
<b>BEECH AVENUE CROSS SECTIONS 02</b>			
DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. XS11
DRAWN BY: ACR	VERT. 1" = 5'	SHEET 93 OF 99	
CHECKED BY: KSL			



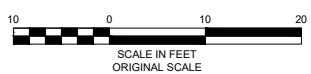
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- NOTES:**
1. THE UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE.
  2. THE CONTRACTOR MUST INDEPENDENTLY VERIFY THE LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
  3. THE LOCATION OF UTILITIES SHOWN WAS OBTAINED FROM THE BEST AVAILABLE INFORMATION AT THE TIME OF DATA COLLECTION.

- LEGEND:**
- - - - - EXISTING GROUND
  - PROPOSED GRADE
  - [Hatched Box] 2" HOT MIX ASPHALT
  - [Dotted Box] CONCRETE (4" SIDEWALK AND C&G)
  - [Cross-hatched Box] 12" RECOMPACTED SUBGRADE

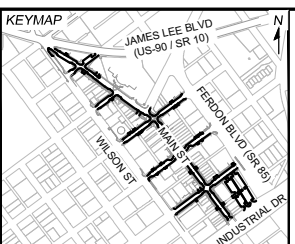
EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
BOC = BACK OF CURB  
BOW = BACK OF WALK



No.	DATE	DESCRIPTION REVISIONS	BY

**COMPUTER FILE MANAGEMENT**

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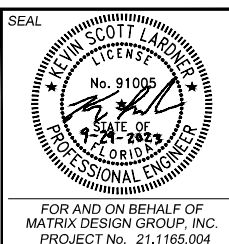


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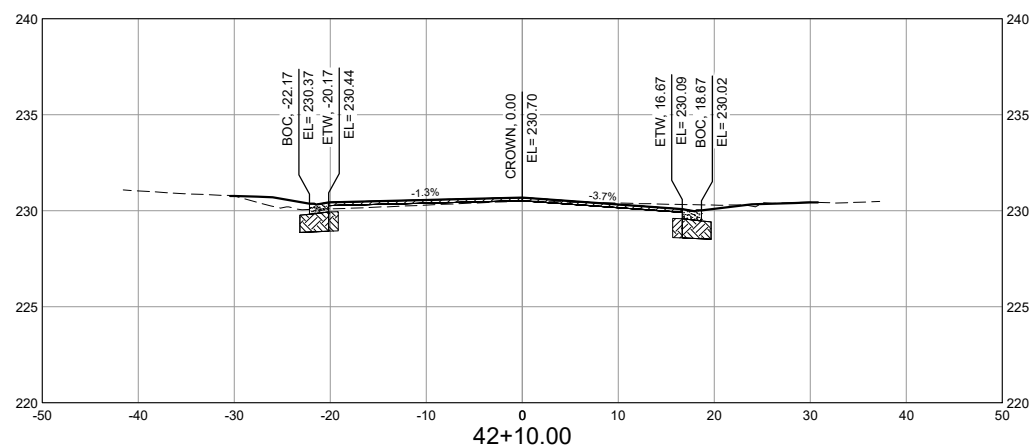
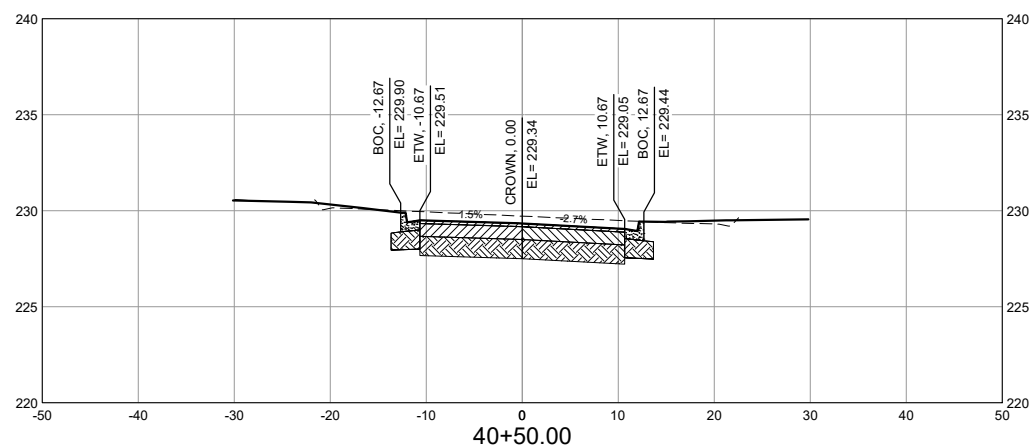
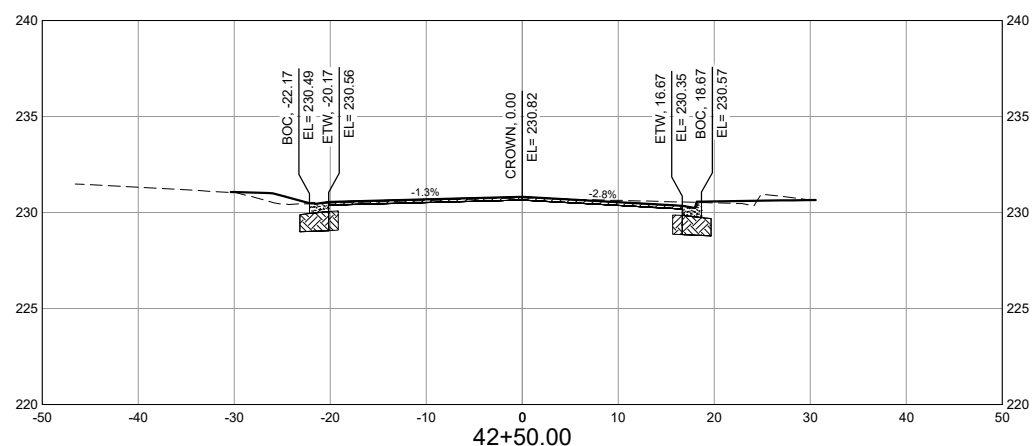
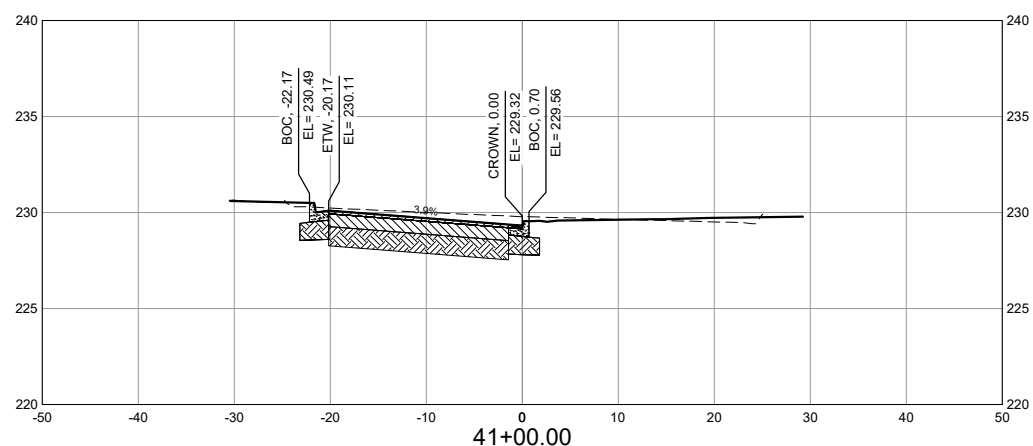
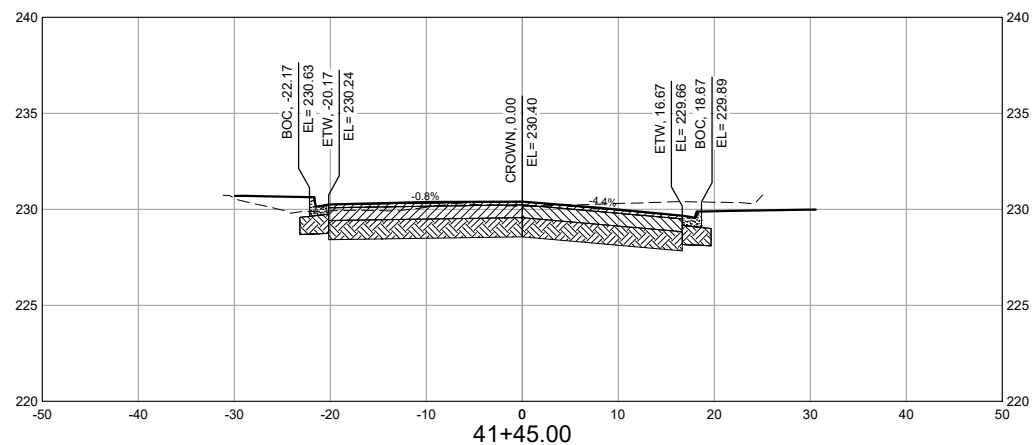
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**OAKDALE AVENUE CROSS SECTIONS 01**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. XS12
DRAWN BY: ACR	VERT. 1" = 5'	SHEET 94 OF 99	
CHECKED BY: KSL			



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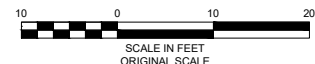
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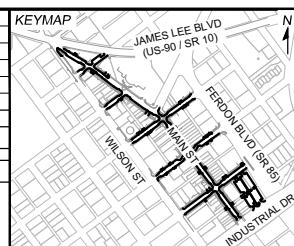
**LEGEND:**

- - - - - EXISTING GROUND
- PROPOSED GRADE
- ▨ 2" HOT MIX ASPHALT
- ▩ CONCRETE (4" SIDEWALK AND C&G)
- ▧ 12" RECOMPACTED SUBGRADE

EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
BOC = BACK OF CURB  
BOW = BACK OF WALK



No.	DATE	DESCRIPTION	BY
REVISIONS			
COMPUTER FILE MANAGEMENT			
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CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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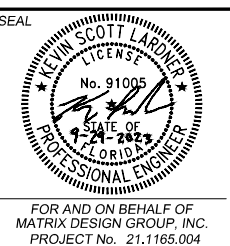


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**MAIN STREET IMPROVEMENTS**

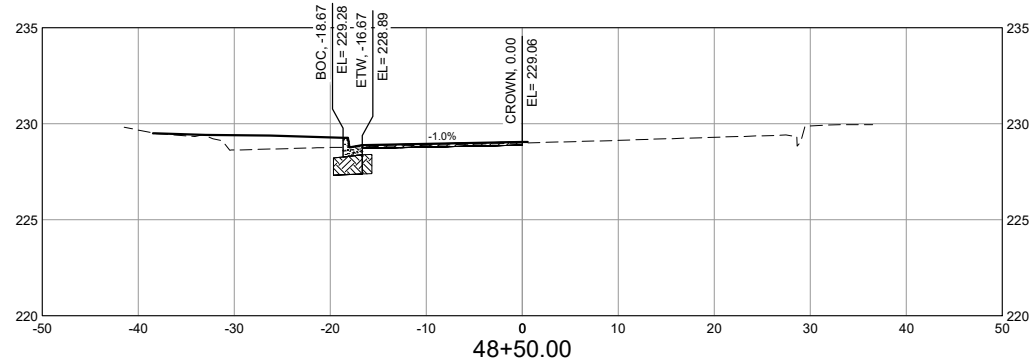
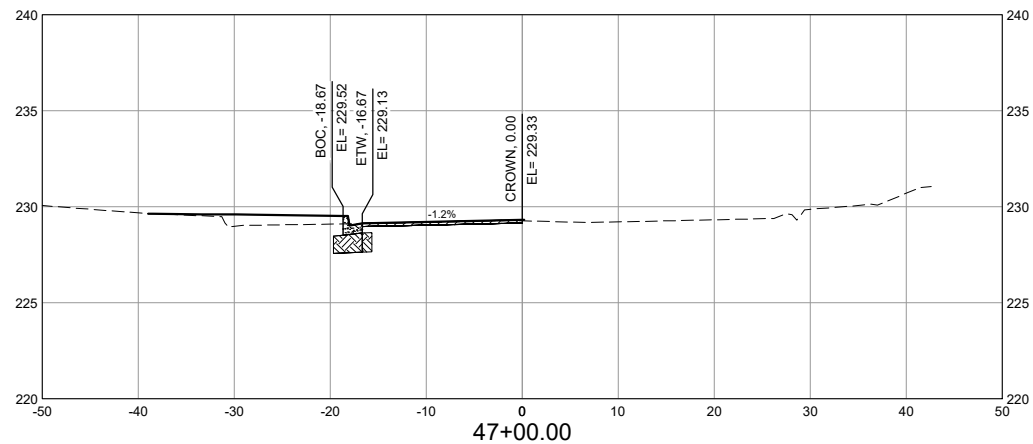
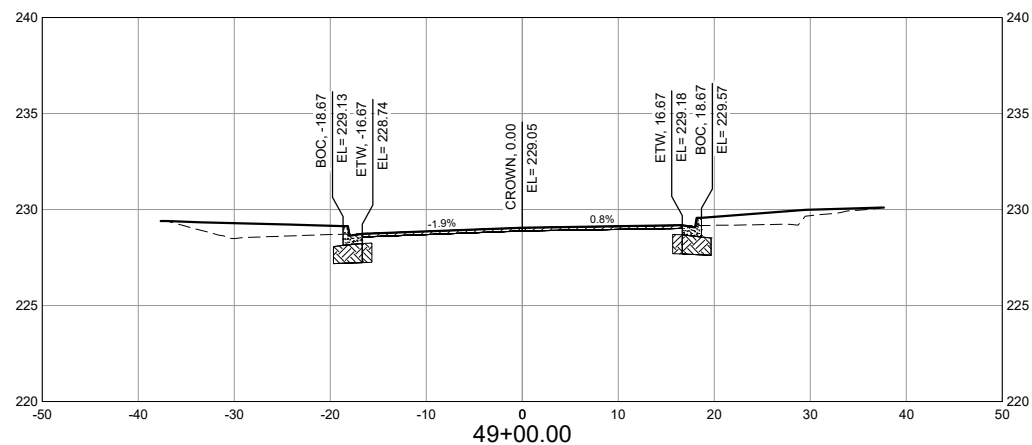
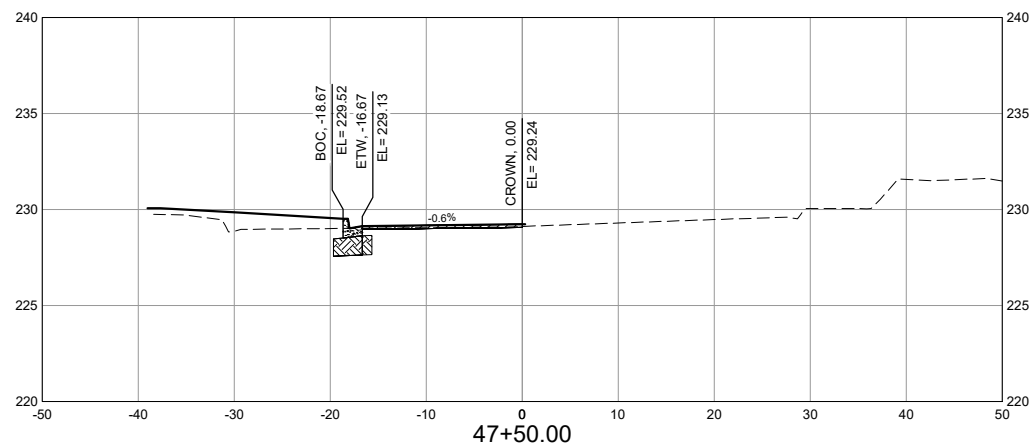
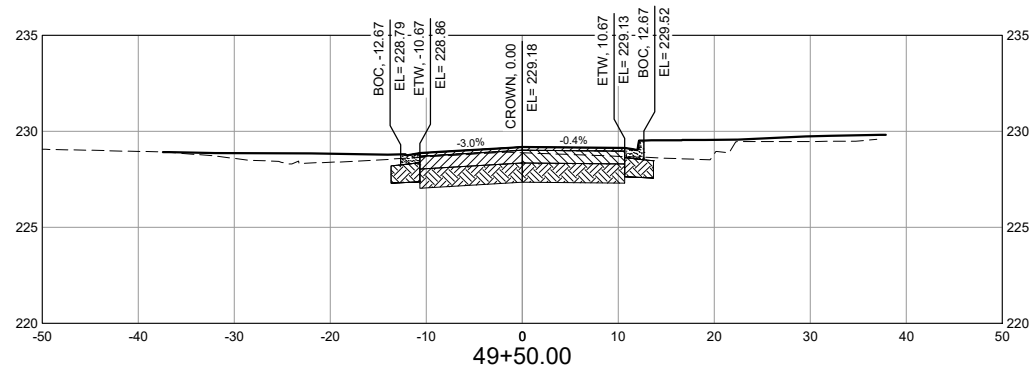
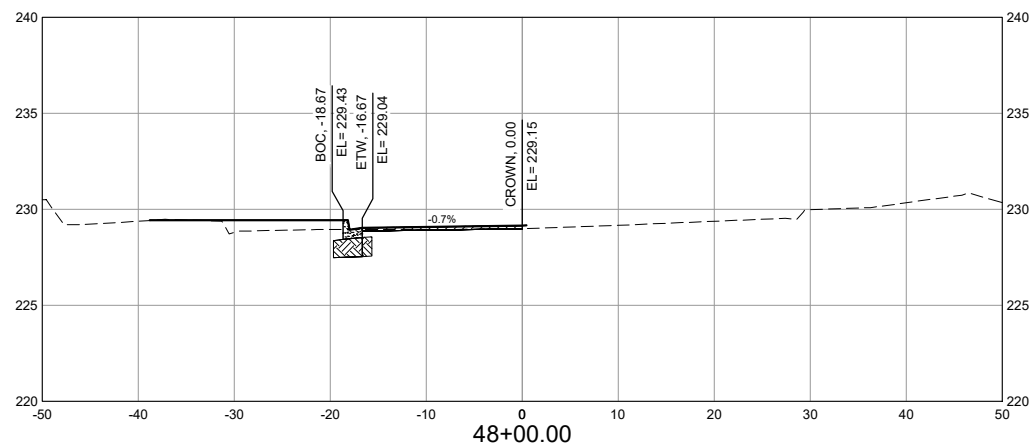
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**OAKDALE AVENUE CROSS SECTIONS 02**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. XS13
DRAWN BY: ACR	VERT. 1" = 5'	SHEET 95 OF 99	
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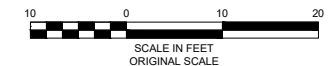
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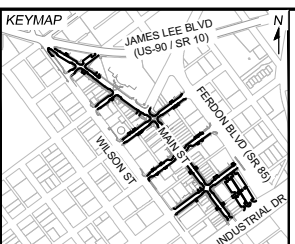
**LEGEND:**

- EXISTING GROUND
- PROPOSED GRADE
- 2" HOT MIX ASPHALT
- CONCRETE (4" SIDEWALK AND C&G)
- 12" RECOMPACTED SUBGRADE

EL = ELEVATION  
ETW = EDGE OF TRAVEL WAY  
BOC = BACK OF CURB  
BOW = BACK OF WALK

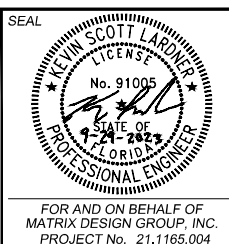


No.	DATE	DESCRIPTION REVISIONS	BY
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CTB FILE: MATRIX.CTB			
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**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**WOODRUFF AVENUE CROSS SECTIONS 01**

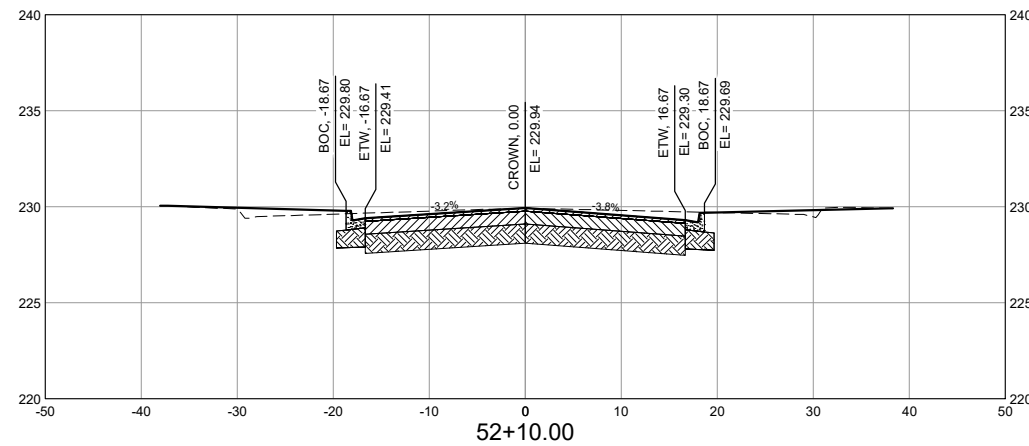
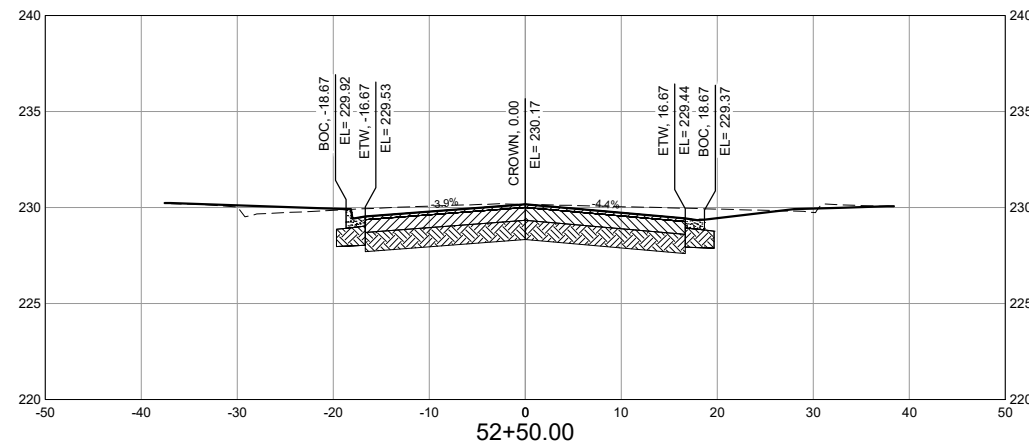
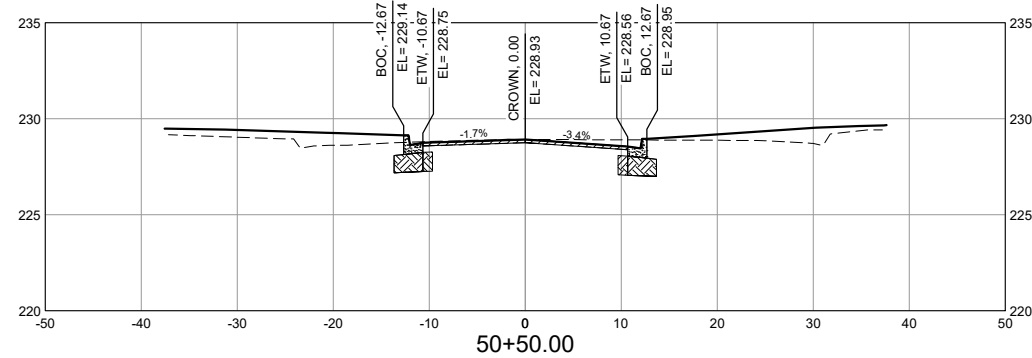
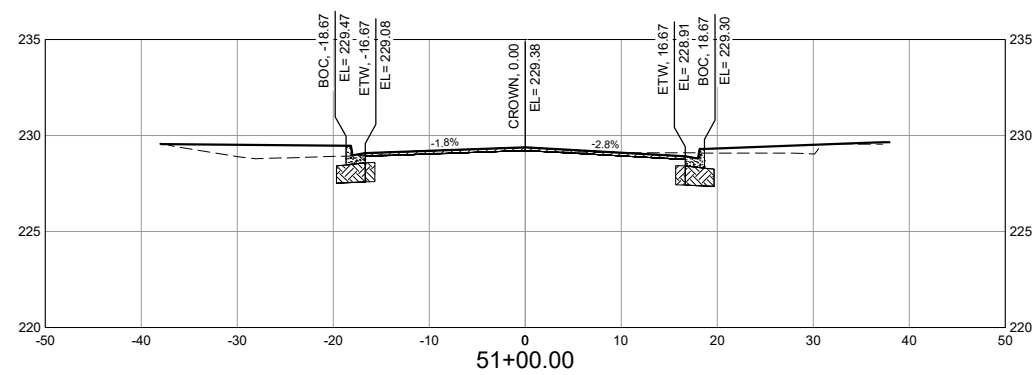
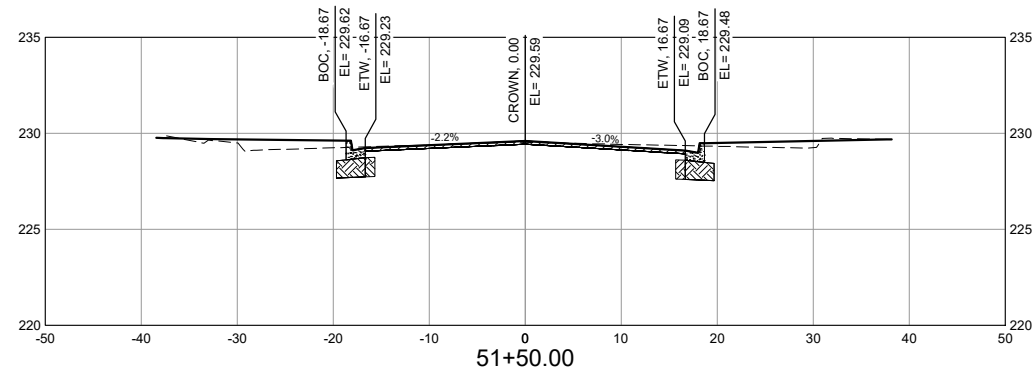
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CHECKED BY: KSL	VERT. 1" = 5'	SHEET 96 OF 99	

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004





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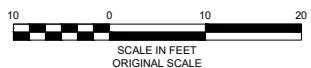
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**LEGEND:**

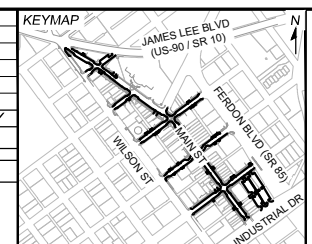
- - - - - EXISTING GROUND
- PROPOSED GRADE
- ▨ 2" HOT MIX ASPHALT
- ▤ CONCRETE (4" SIDEWALK AND C&G)
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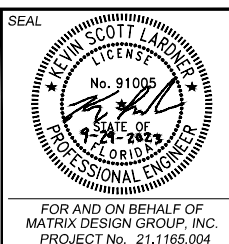
No.	DATE	DESCRIPTION REVISIONS	BY

**COMPUTER FILE MANAGEMENT**  
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 CTB FILE: MATRIX.CTB  
 PLOT DATE: SEPTEMBER 2023  
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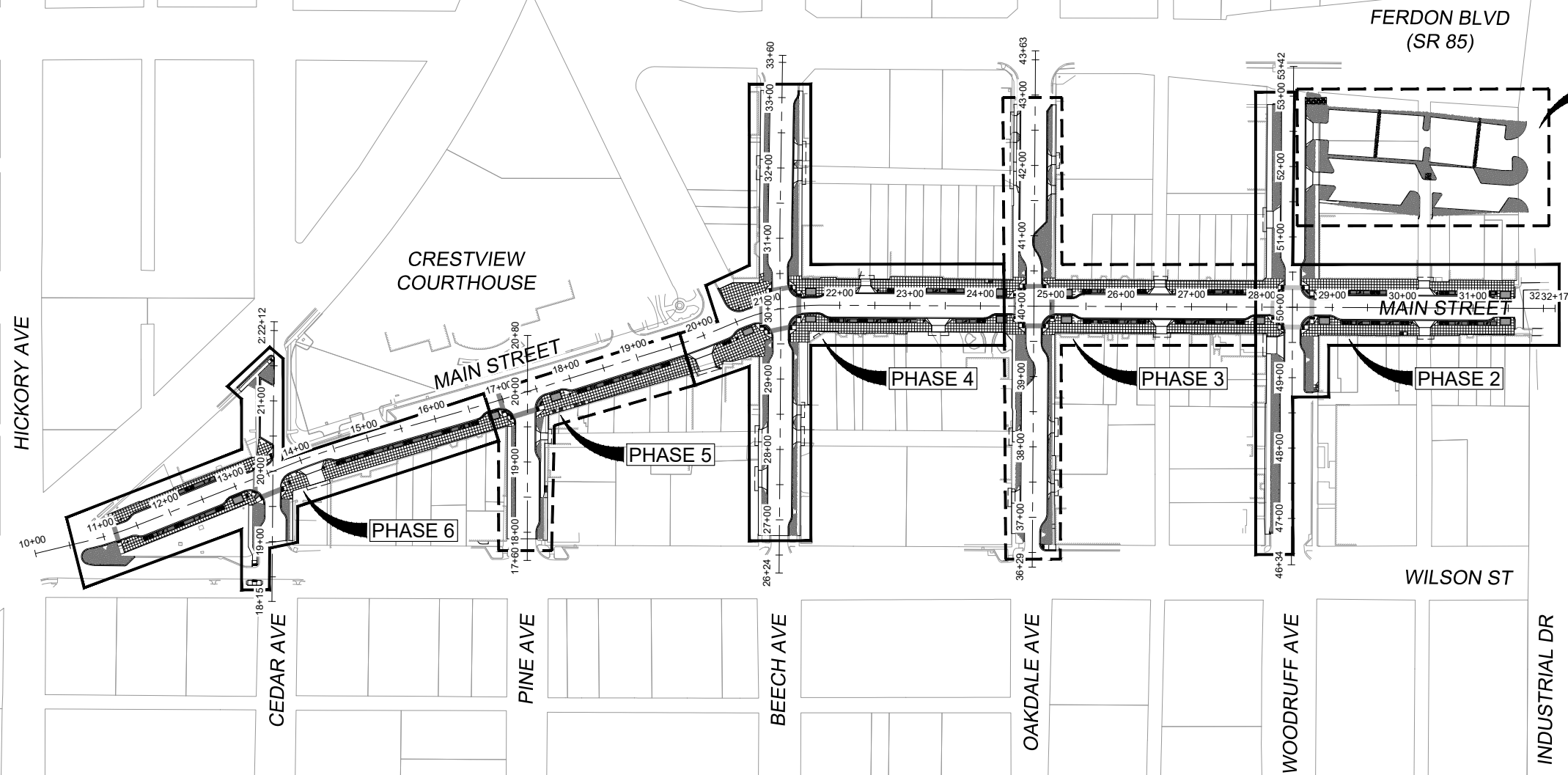
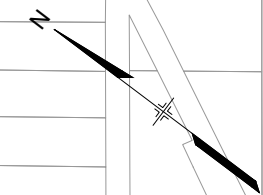
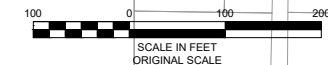
**MAIN STREET IMPROVEMENTS**  
 CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
 ENGINEERING PLANS

**WOODRUFF AVENUE CROSS SECTIONS 02**

DESIGNED BY: ACR	SCALE: HORIZ 1" = 10'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. XS15
CHECKED BY: KSL	VERT. 1" = 5'	SHEET 97 OF 99	



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PHASE 1  
WOODRUFF  
PARKING LOT  
(SEE SHEETS  
WP01-02)

WILSON ST

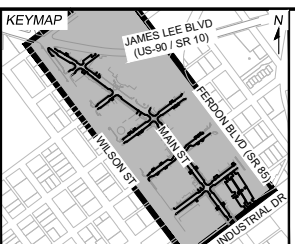
WILSON ST

JAMES LEE BLVD  
(US 90)

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
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210713 CVIEW EX-Survey				
X-MD022x34-TEP				
LA-BASE				
LA-BASE-PLANTING				

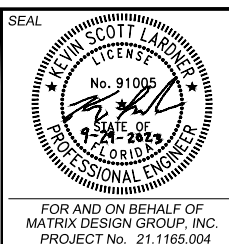
  

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CTB FILE:	MATRIX.CTB
PLOT DATE:	SEPTEMBER 2023
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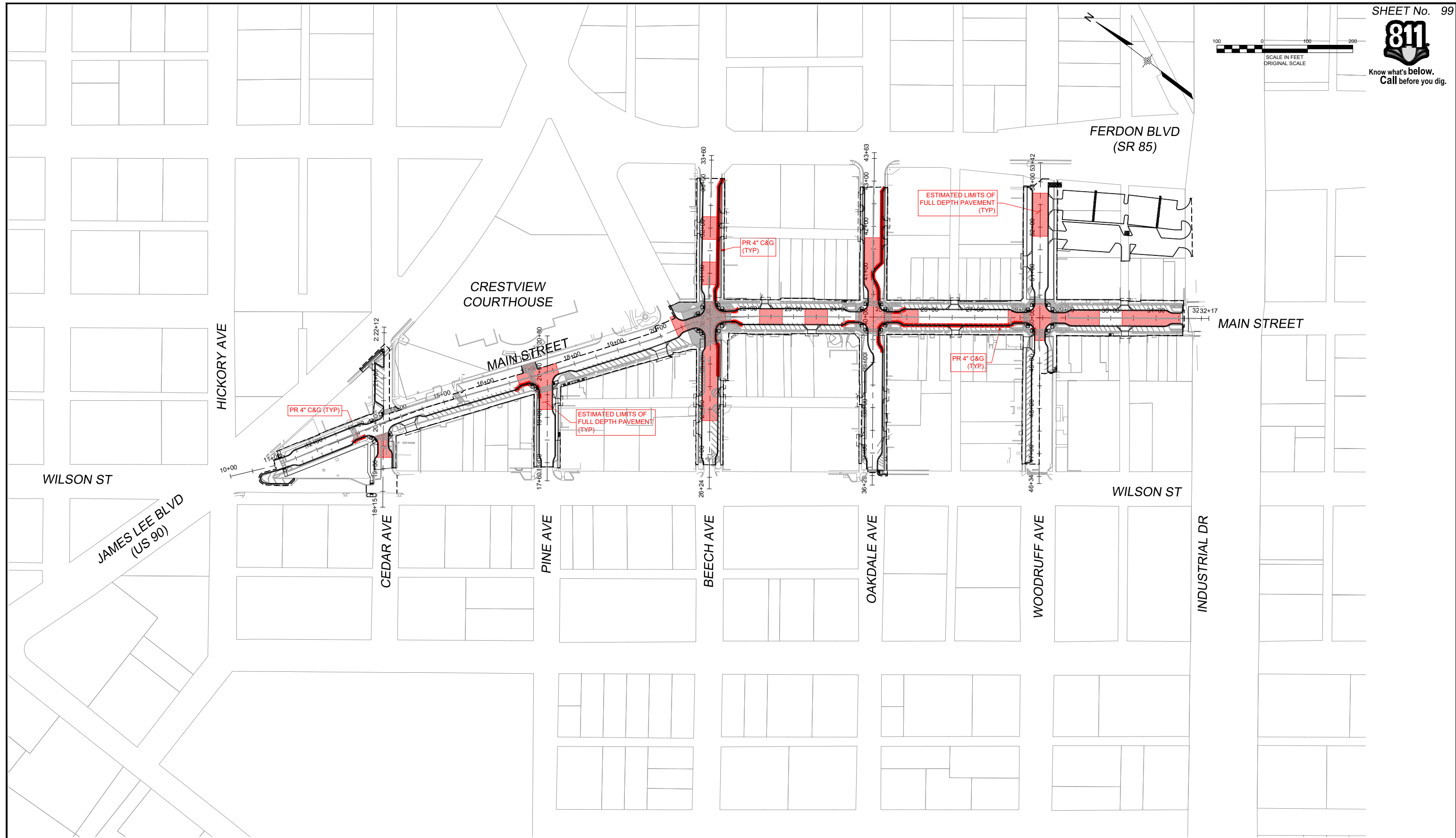
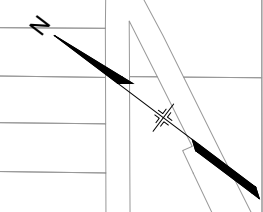
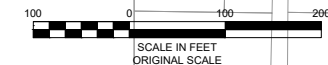
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01  
ENGINEERING PLANS

**SUGGESTED PHASING PLAN**

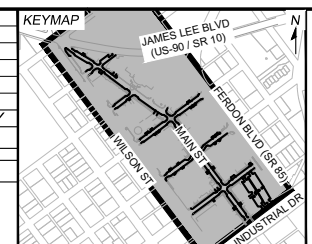
DESIGNED BY:	ACR	SCALE:	DATE ISSUED:	SEPTEMBER 2023	DRAWING No.
DRAWN BY:	ACR	HORIZ. 1" = 100'			
CHECKED BY:	KSL	VERT. N/A	SHEET	98 OF 99	MOT01



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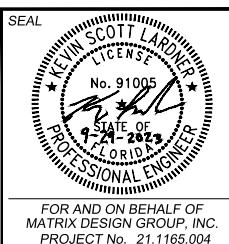


No.	DATE	DESCRIPTION	BY
REVISIONS			
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FILE NAME: R:\21.1165.004 (CRESTVIEW IMPLEMENTATION PLAN)\DWG\CONSTRUCTION PLANS\TEP\TPV01.DWG			
CTB FILE: MATRIX.CTB			
PLOT DATE: SEPTEMBER 2023			
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FLORIDA  
198 North Wilson Street  
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<b>MAIN STREET IMPROVEMENTS</b>			
CITY OF CRESTVIEW - FDOT PROJECT NO. 449302-1-54-01 ENGINEERING PLANS			
<b>ESTIMATED PAVING LIMITS PLAN</b>			
DESIGNED BY: ACR	SCALE: HORIZ. 1" = 100'	DATE ISSUED: SEPTEMBER 2023	DRAWING No. PV01
CHECKED BY: KSL	VERT. N/A	SHEET 99 OF 99	

**GENERAL NOTES:**

1. CONTRACTOR SHALL PRESERVE THE EXISTING LIGHTING CIRCUITING DURING DEMOLITION FOR FUTURE RECONNECTION AND EXTENSION TO RELOCATED LIGHT FIXTURES.
2. ALL RELOCATED STREET LIGHT FIXTURES SHALL BE RECIRCUITED TO THE EXISTING LIGHTING CIRCUIT. CIRCUIT WIRING SHALL BE EXTENDED AS REQUIRED. NEW WIRING SHALL BE UPSIZED AS REQUIRED TO ACCOUNT FOR VOLTAGE DROP FOR THE CIRCUIT.

**LEGEND**

- LP## RELOCATED SINGLE-LUMINAIRE STREET LIGHT
- LPB## RELOCATED DOUBLE-LUMINAIRE STREET LIGHT
- P NEW ELECTRIC VEHICLE CHARGER
- RR IRRIGATION CONTROLLER RE: IRRIGATION PLANS
- E—E—E—E— NEW CIRCUIT UNDERGROUND RUN (BOLD LINE WEIGHT)
- E---E---E---E--- EXISTING CIRCUIT UNDERGROUND RUN (LIGHT LINE WEIGHT)
- NEW ELECTRICAL PANEL
- T NEW UTILITY COMPANY PAD MOUNTED TRANSFORMER
- ⊕ EXISTING UTILITY COMPANY POLE MOUNTED TRANSFORMER
- NEW PULLBOX, POLYMER CONCRETE TYPE, 11"x18"x12", TIER 22 RATED
- ⊕ SELF CONTAINED UTILITY METER PEDESTAL (MP)
- SP UTILITY SECONDARY SERVICE PEDESTAL
- FUSED DISCONNECT SWITCH
- ⊥ GROUND ROD
- ⬡ # KEYED NOTE
- ⊕ # EDTL-## DETAIL REFERENCE DESIGNATION

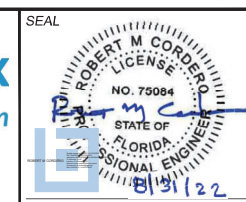
**ABBREVIATIONS**

- (E) EXISTING
- (RL) RELOCATED
- DIA. DIAMETER
- EV ELECTRIC VEHICLE
- G.R.C. GALVANIZED RIGID CONDUIT
- MIN. MINIMUM
- N.I.C. NOT IN CONTRACT
- P.V.C. POLYVINYL CHLORIDE CONDUIT
- R.O.W RIGHT OF WAY
- U.N.O. UNLESS NOTED OTHERWISE

Sheet List Table		
Sheet Description	Sheet Title	Sheet Number
ECVR01	ELECTRICAL COVER SHEET	01
EPLN01	ELECTRICAL PLAN 01	02
EPLN02	ELECTRICAL PLAN 02	03
EPLN03	ELECTRICAL PLAN 03	04
EPLN04	ELECTRICAL PLAN 04	05

**EV CHARGING STATIONS  
REMOVED FROM  
SCOPE OF WORK.**

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FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC. PROJECT No. 21.1165.004

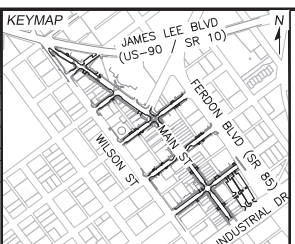
**MAIN STREET IMPROVEMENTS**

CITY OF CRESTVIEW  
ENGINEERING PLANS

**ELECTRICAL COVER SHEET**

DESIGNED BY: GJA	SCALE	DATE ISSUED: JULY 2022	DRAWING No.
DRAWN BY: ART	HORIZ N/A	SHEET 01 OF 05	ECVR01
CHECKED BY: GJA	VERT. N/A		

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
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CTB FILE: FHU.CTB				
PLOT DATE: JULY 2022				
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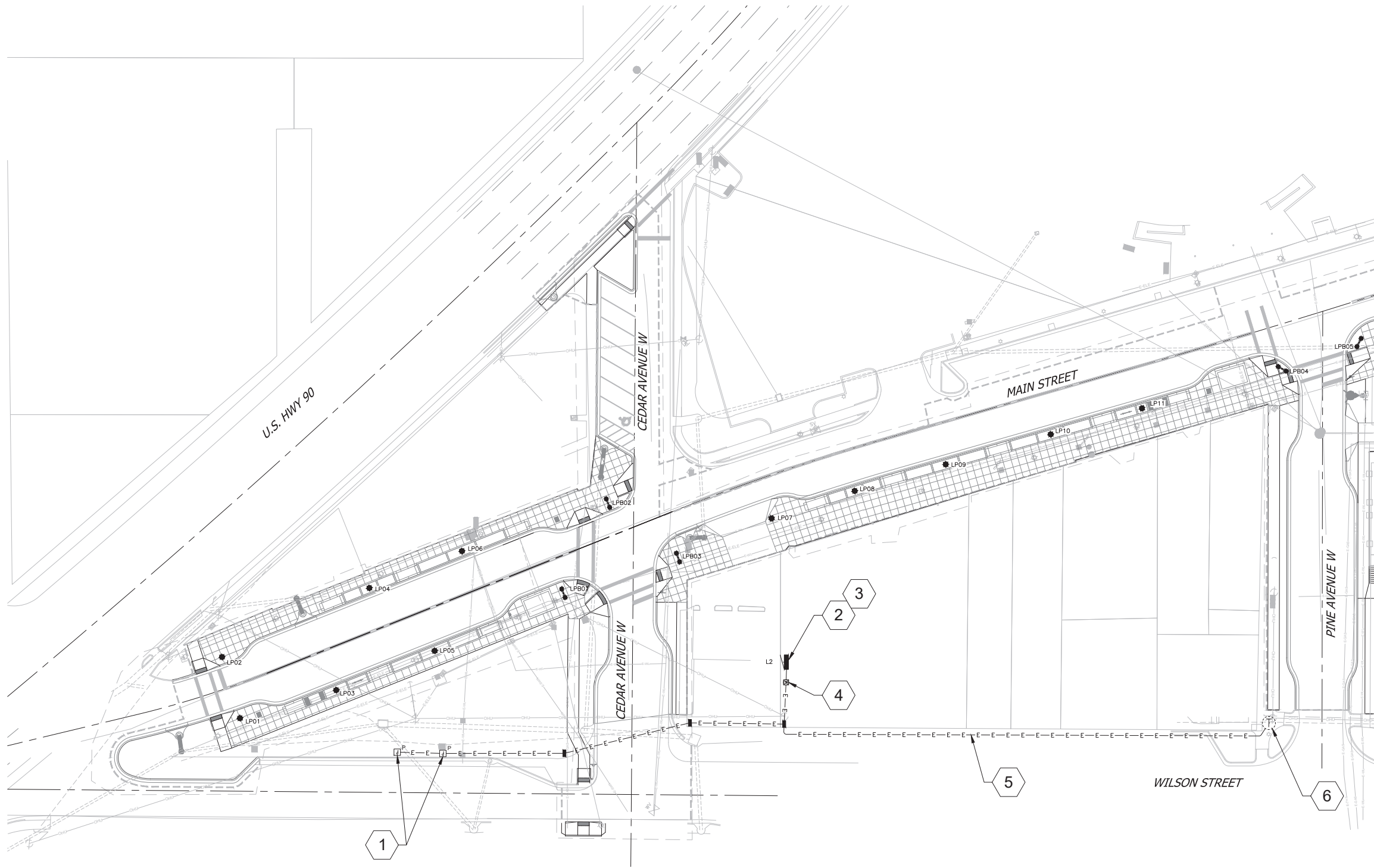
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**SEAL**



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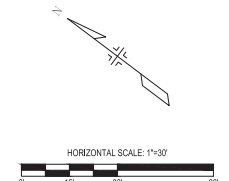


# KEYED NOTES:

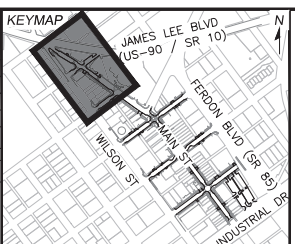
1. PROVIDE POWER TO NEW EV CHARGER USING 3#6CU THWN,#10G CU THWN,1" SCHEDULE 40 PVC C. EV CHARGER SHALL BE CIRCUITED TO NEW PANEL 'L2' USING A NEW 60A/2P BREAKER. EV CHARGER SHALL BE PROVIDED BY THE CITY. FINAL CONNECTION TO EV CHARGER SHALL BE BY OTHERS. CONFIRM FINAL LOCATION WITH ENGINEER PRIOR TO ROUGH-IN. CONFIRM FINAL POWER REQUIREMENTS WITH VENDOR PRIOR TO ROUGH-IN. CONFIRM ROUTING OF BRANCH CIRCUIT WITH CIVIL PRIOR TO ROUGH-IN.
2. PROVIDE NEW 100A, 240/120V,1 PHASE, 18 CIRCUIT SERVICE ENTRANCE RATED, COPPER BUS, NEMA 3R LOCKING PANEL WITH 100A MAIN CIRCUIT BREAKER AND A SURGE PROTECTIVE DEVICE. PANEL SHALL BE SURFACE MOUNTED TO THE BUILDING AND PAINTED TO MATCH THE ADJACENT WALL. CONFIRM FINAL LOCATION WITH THE CITY PRIOR TO ROUGH-IN.
3. PANEL SHALL BE GROUNDED IN ACCORDANCE WITH THE LATEST ISSUE OF THE NATIONAL ELECTRIC CODE. PROVIDE BONDING JUMPERS, GROUND BUSHINGS, GROUND CLAMPS, ETC TO PROVIDE A COMPLETE GROUNDING SYSTEM. PROVIDE A DRIVEN 3/4" DIAMETER, MINIMUM 10' LENGTH COPPER CLAD GROUND ROD AND #8 CU GROUNDING ELECTRODE CONDUCTOR.
4. PROVIDE NEW UTILITY METER FOR NEW PANEL 'L2'. CONFIRM FINAL LOCATION AND METER REQUIREMENTS WITH GULF POWER PRIOR TO ROUGH-IN.
5. PROPOSED ROUTING OF NEW UNDERGROUND FEEDERS FROM UTILITY TRANSFORMER TO NEW PANEL 'L2' USING 3#2 CU THWN, 1-1/4" SCHEDULE 40 PVC C. AND RIGID ELBOWS. WHEN TRANSITIONING TO ABOVE GROUND, RIGID STEEL ELBOW SHALL BE USED. CONDUIT SHALL BE 1-1/4" RIGID STEEL ABOVE GROUND. CONFIRM FINAL ROUTING WITH CIVIL PRIOR TO ROUGH-IN.
6. EXISTING 50KVA,240/120V UTILITY TRANSFORMER MOUNTED ON 50' POLE. CONFIRM WITH GULF POWER THAT UTILITY TRANSFORMER CAN SUPPORT THE NEW LOAD FROM PANEL 'L2' PRIOR TO ANY NEW WORK.

EV CHARGING STATIONS  
REMOVED FROM  
SCOPE OF WORK.

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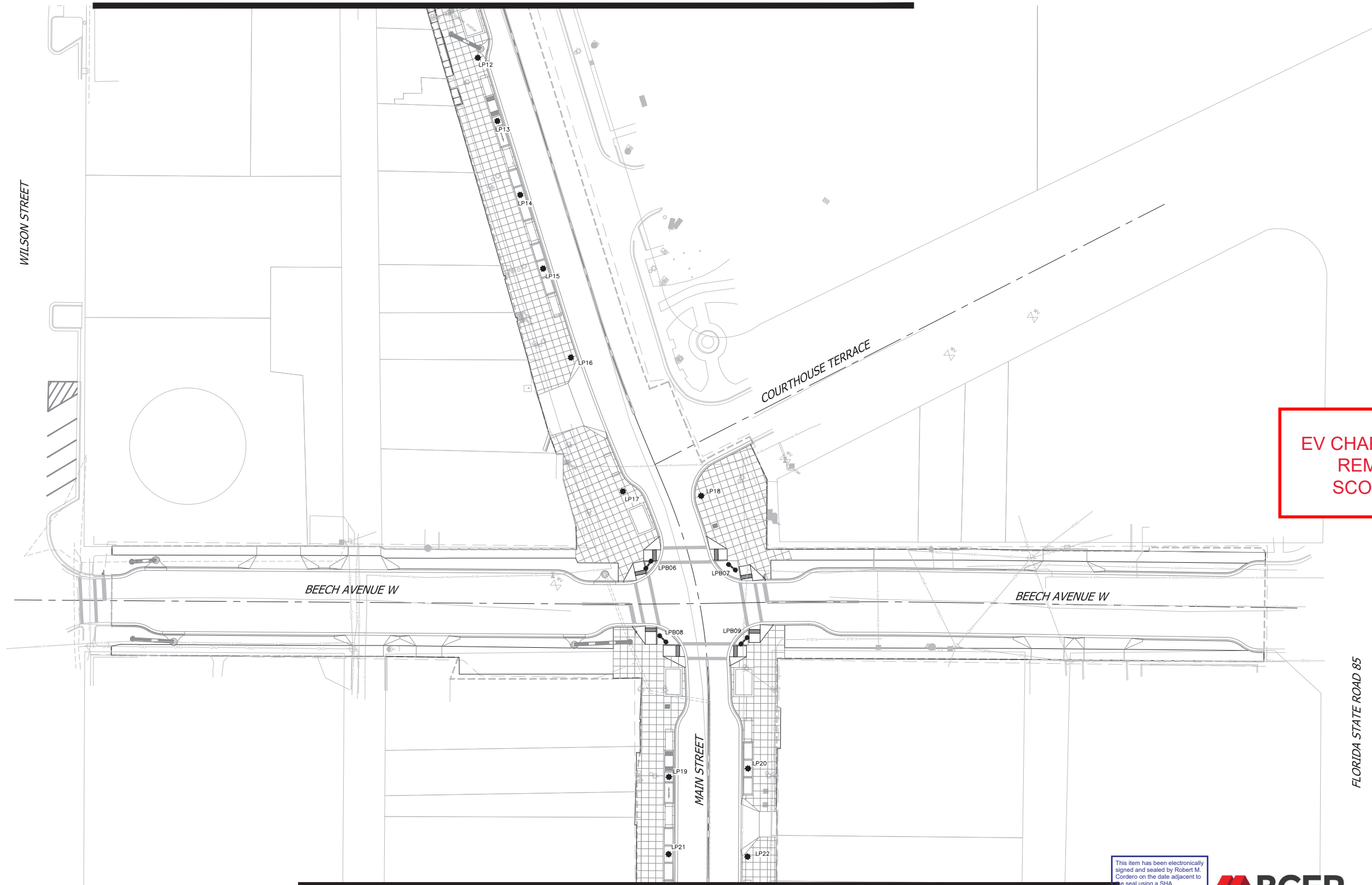
FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004

<b>MAIN STREET IMPROVEMENTS</b>			
CITY OF CRESTVIEW ENGINEERING PLANS			
<b>ELECTRICAL PLAN 01</b>			
DESIGNED BY:	GJA	SCALE:	DATE ISSUED:
DRAWN BY:	ART	HORIZ 1" = 30'	JULY 2022
CHECKED BY:	GJA	VERT. N/A	SHEET 02 OF 05
			DRAWING No. <b>EPLN01</b>



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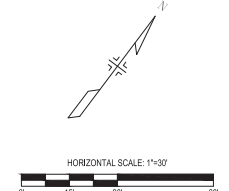


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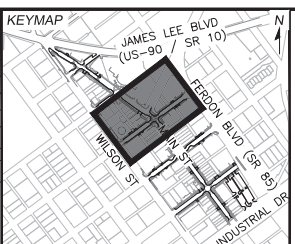
MATCHLINE - SEE SHEET EPLN03

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CA# 9303



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**ROBERT M. CORDERO**  
LICENSE  
NO. 75084  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
07/13/22

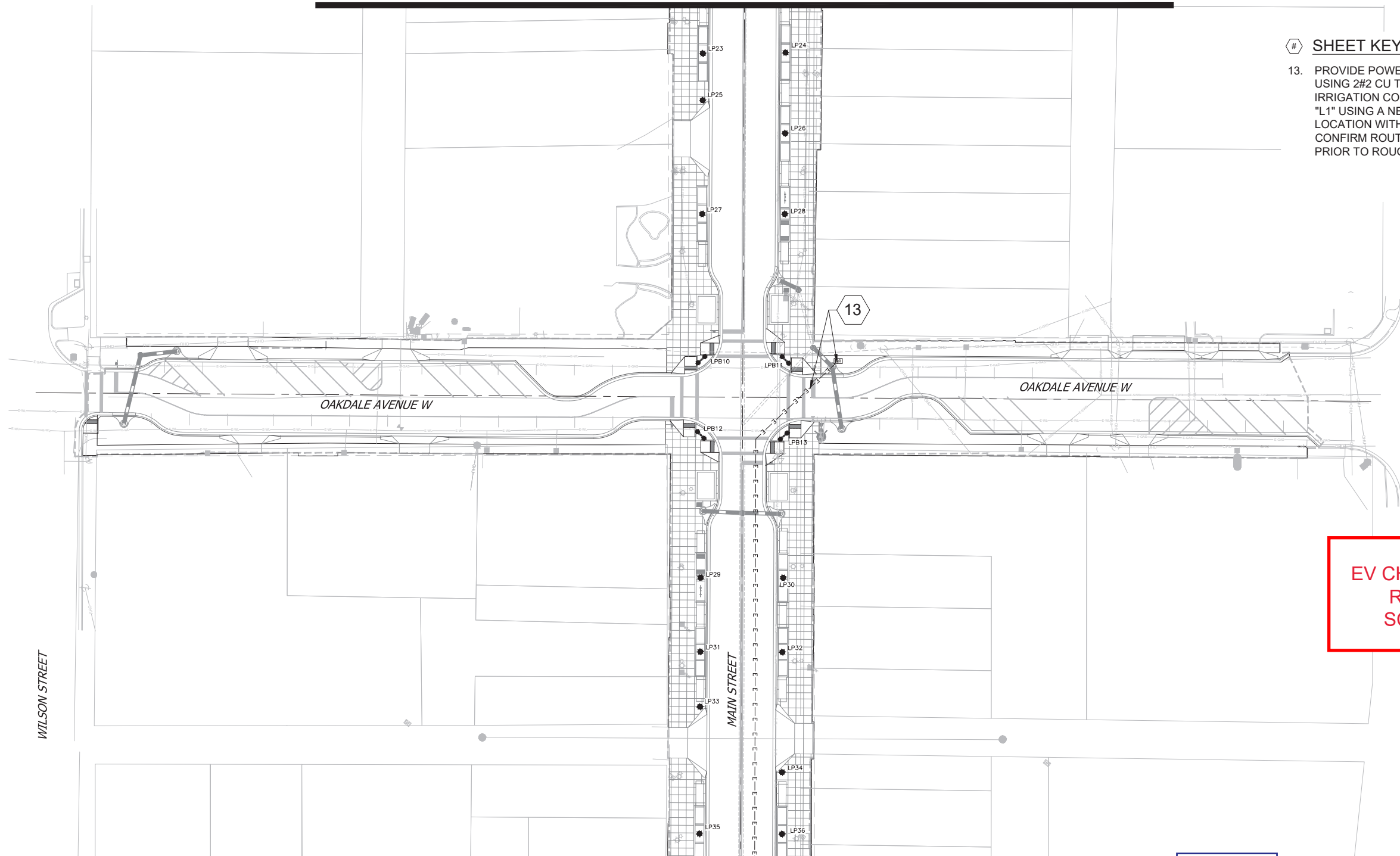
**MAIN STREET IMPROVEMENTS**  
CITY OF CRESTVIEW  
ENGINEERING PLANS  
**ELECTRICAL PLAN 02**

DESIGNED BY: GJA	SCALE: HORIZ 1" = 30'	DATE ISSUED: JULY 2022	DRAWING No.
CHECKED BY: GJA	VERT. N/A	SHEET 03 OF 05	EPLN02



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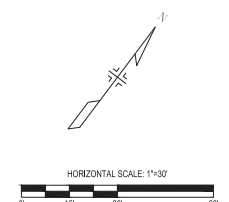
# SHEET KEYED NOTES:

- 13. PROVIDE POWER FOR NEW IRRIGATION CONTROLLER USING 2#2 CU THWN,#2G CU,1" SCHEDULE 40 PVC C. IRRIGATION CONTROLLER SHALL BE CIRCUITED TO PANEL "L1" USING A NEW 15A/1P BREAKER. COORDINATE FINAL LOCATION WITH IRRIGATION VENDOR PRIOR TO ROUGH-IN. CONFIRM ROUTING OF THE BRANCH CIRCUIT WITH CIVIL PRIOR TO ROUGH-IN.

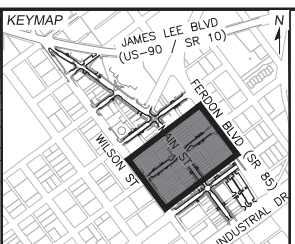
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MATCHLINE - SEE SHEET EPLN04

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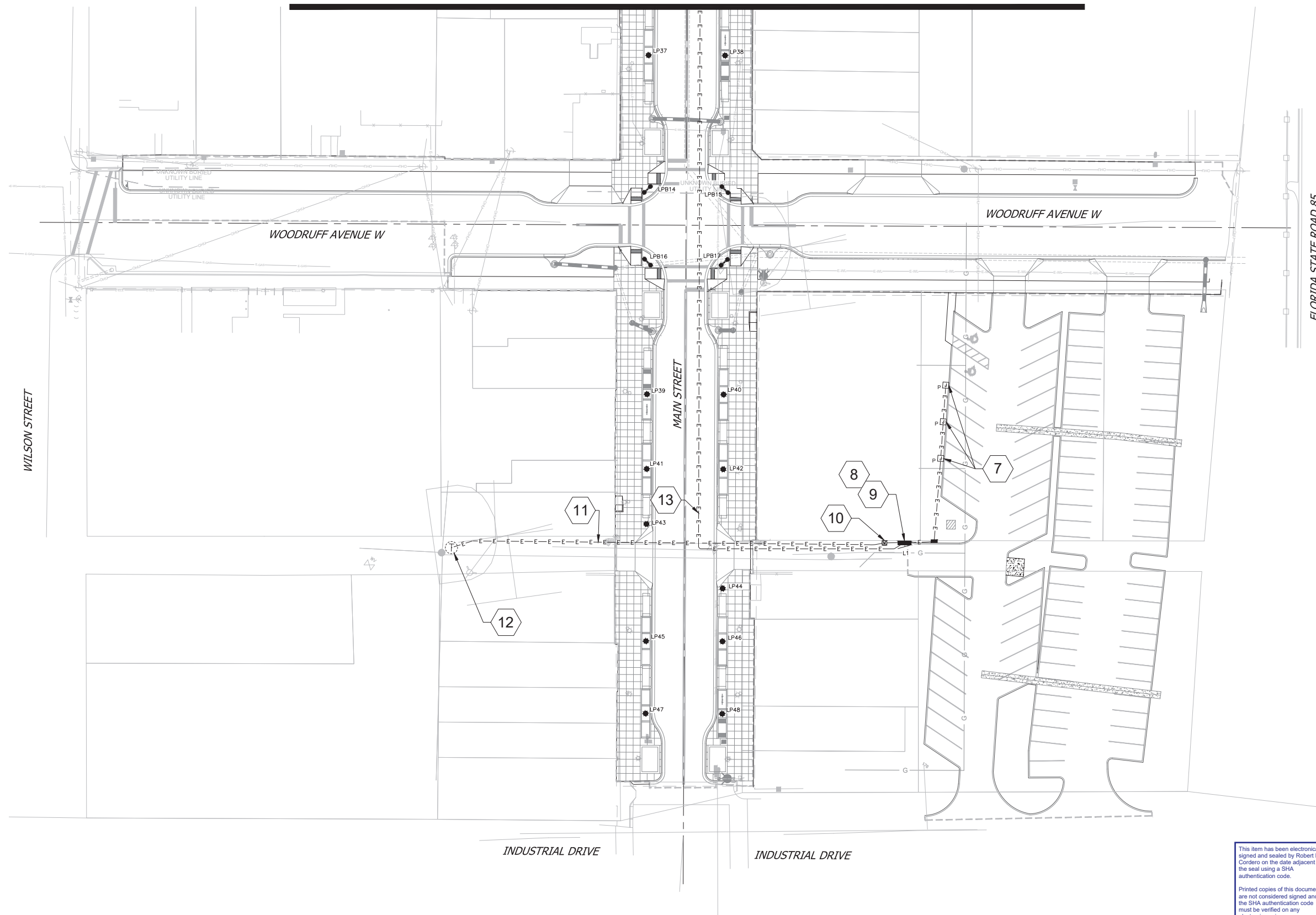
SEAL  
ROBERT M. CORDERO  
NO. 75084  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
8/13/22

<b>MAIN STREET IMPROVEMENTS</b>			
CITY OF CRESTVIEW ENGINEERING PLANS			
<b>ELECTRICAL PLAN 03</b>			
DESIGNED BY: GJA	SCALE: 1"=30'	DATE ISSUED: JULY 2022	DRAWING No.
DRAWN BY: ART	HORIZ: 1"=30'	SHEET 04 OF 05	EPLN03
CHECKED BY: GJA	VERT: N/A		



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MATCHLINE - SEE SHEET EPLN03

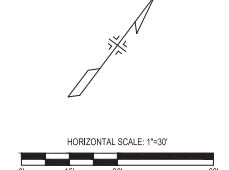


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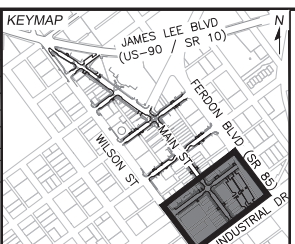
7. PROVIDE POWER TO NEW EV CHARGER USING 3#6 CU THWN,#10G CU THWN,1" SCHEDULE 40 PVC C. EV CHARGER SHALL BE CIRCUITED TO NEW PANEL 'L1' USING A NEW 60A/2P BREAKER. EV CHARGER SHALL BE PROVIDED BY THE CITY. FINAL CONNECTION TO EV CHARGER SHALL BE BY OTHERS. CONFIRM FINAL LOCATION WITH ENGINEER PRIOR TO ROUGH-IN. CONFIRM FINAL POWER REQUIREMENTS WITH VENDOR PRIOR TO ROUGH-IN. CONFIRM ROUTING OF BRANCH CIRCUIT WITH CIVIL PRIOR TO ROUGH-IN.
8. PANEL SHALL BE GROUNDED IN ACCORDANCE WITH THE LATEST ISSUE OF THE NATIONAL ELECTRIC CODE. PROVIDE BONDING JUMPERS, GROUND BUSHINGS, GROUND CLAMPS, ETC TO PROVIDE A COMPLETE GROUNDING SYSTEM. PROVIDE A DRIVEN 3/4" DIAMETER, MINIMUM 10' LENGTH COPPER CLAD GROUND ROD AND #6 CU GROUNDING ELECTRODE CONDUCTOR.
9. PROVIDE NEW 225A, 240/120V, 1 PHASE, 30 CIRCUIT SERVICE ENTRANCE RATED, COPPER BUS, NEMA 3R LOCKING PANEL WITH 150A MAIN CIRCUIT BREAKER AND A SURGE PROTECTIVE DEVICE. PANEL SHALL BE SURFACE MOUNTED TO THE BUILDING AND PAINTED TO MATCH THE ADJACENT WALL. CONFIRM FINAL LOCATION WITH THE CITY PRIOR TO ROUGH-IN.
10. PROVIDE NEW UTILITY METER FOR NEW PANEL 'L1'. CONFIRM FINAL LOCATION AND METER REQUIREMENTS WITH GULF POWER PRIOR TO ROUGH-IN.
11. PROPOSED ROUTING OF NEW UNDERGROUND FEEDERS FROM UTILITY TRANSFORMER TO NEW PANEL 'L1' USING 3#1/0CU THWN, 2" SCHEDULE 40 PVC C. AND RIGID ELBOWS. WHEN TRANSITIONING TO ABOVE GROUND, RIGID STEEL ELBOW SHALL BE USED. CONDUIT SHALL BE 2" RIGID STEEL ABOVE GROUND. CONFIRM FINAL ROUTING WITH CIVIL PRIOR TO ROUGH-IN.
12. EXISTING 100KVA,240/120V UTILITY TRANSFORMER MOUNTED ON 45' POLE. CONFIRM WITH GULF POWER THAT TRANSFORMER CAN SUPPORT THE NEW LOAD FROM PANEL 'L1' PRIOR TO ANY NEW WORK.
13. PROVIDE POWER FOR NEW IRRIGATION CONTROLLER USING 2#2 CU THWN,#2G CU,1" SCHEDULE 40 PVC C. IRRIGATION CONTROLLER SHALL BE CIRCUITED TO PANEL "L1" USING A NEW 15A/1P BREAKER. COORDINATE FINAL LOCATION WITH IRRIGATION VENDOR PRIOR TO ROUGH-IN. CONFIRM ROUTING OF THE BRANCH CIRCUIT WITH CIVIL PRIOR TO ROUGH-IN.

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CTB FILE: FHU.CTB				
PLOT DATE: JULY 2022				
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FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 21.1165.004

MAIN STREET IMPROVEMENTS				
CITY OF CRESTVIEW ENGINEERING PLANS				
ELECTRICAL PLAN 04				
DESIGNED BY:	GJA	SCALE:	DATE ISSUED:	JULY 2022
DRAWN BY:	ART	HORIZ:	1" = 30'	DRAWING No.
CHECKED BY:	GJA	VERT:	N/A	05 OF 05
				EPLN04



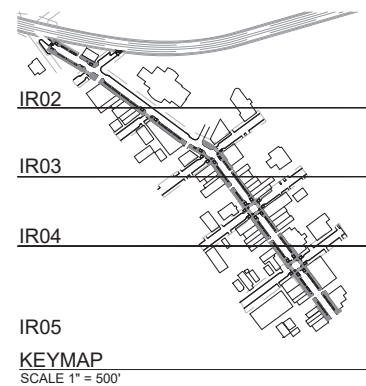


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### IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER	MODEL NO.	DESCRIPTION	DETAIL NO.
◆◆◆	RAIN BIRD	1012 SAM PR5 WITH "MPR" FIXED SERIES NOZZLE	HI-POP SPRAY HEAD	15
▣	FEBCO	025YA	RP BACKFLOW PREVENTER	1
N/S	GUARDSHACK	65-5	BACKFLOW ENCLOSURE	2
⊕	RAIN BIRD	PEB	ELECTRIC CONTROL VALVE	14
N/S	MATCO	201X-1"	MANUAL DRAIN VALVE	10
✂		LINE SIZE - 2 1/2" AND SMALLER	GATE VALVE, BRASS, IPS, SOLID WEDGE DISC, IV SQ. CROSS HANDLE	9
▼	RAIN BIRD	44-LRC	QUICK COUPLING VALVE	8
Ⓢ	RAIN BIRD	FS-100-P	FLOW SENSOR	6
⊙	RAIN BIRD	PEB	MASTER VALVE	7
Ⓐ	RAIN BIRD	ESP-LXME WITH LXMMPED - 12 STATION MODEL	ELECTRIC CONTROLLER	3 & 4
◆	RAIN BIRD	WR2-RFC	WEATHER SENSOR DEVICE	5
=====		CLASS 200 BE - 2 1/2" & SMALLER	PVC MAINLINE	11 & 13
=====		CLASS 200 BE	PVC LATERAL	11 & 13
=====		CLASS 160	PVC SLEEVING	12 & 13
Ⓜ			WATER METER	N/S
CONTROLLER & STATION NO. CONTROL VALVE SIZE				
A (controller) NUMBER OF SPARE WIRES - 2 CONTROL AND 1 SPARE WIRES TO WHICH CONTROLLER - SEE CONSTRUCTION NOTES				



### IRRIGATION CONSTRUCTION NOTES

- DRAWINGS AND BASE INFORMATION - ALL BASE AND PLANTING INFORMATION HAVE BEEN PROVIDED BY MATRIX. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY HYDROSYSTEMS\*KDI OF ANY DISCREPANCIES BETWEEN THE UTILITY OR PLANTING PLANS AND THE IRRIGATION PLAN. IF CONTRACTOR FAILS TO NOTIFY HYDROSYSTEMS\*KDI AND MAKES CHANGES TO THE IRRIGATION SYSTEM DESIGN, HE ASSUMES ALL COSTS AND LIABILITIES ASSOCIATED WITH THOSE FIELD CHANGES. REFER TO SPECIFICATIONS FOR ADDITIONAL PROJECT REQUIREMENTS.
- SYSTEM PRESSURE - HYDROSYSTEMS\*KDI HAS CONTACTED THE LOCAL WATER DISTRICT THAT SERVES THIS SITE AND THEY HAVE BEEN TOLD THAT THE STATIC WATER PRESSURE IN THIS AREA SHOULD BE TO PSI MAX (TBD). THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY PRESSURE PRIOR TO COMMENCING ANY CONSTRUCTION AND NOTIFY HYDROSYSTEMS\*KDI OF ANY VARIANCE FROM THE STATED PRESSURE IMMEDIATELY. WRITTEN DOCUMENTATION OF PRESSURE TEST AND RESULTS SHALL BE PROVIDED TO HYDROSYSTEMS\*KDI AT CONSTRUCTION ONSET. IF CONTRACTOR FAILS TO FIELD VERIFY PRESSURE AND/OR NOTIFY HYDROSYSTEMS\*KDI OR ANY VARIATIONS FROM THIS PRESSURE, THEN HE ASSUMES ALL CONSTRUCTION AND ENGINEERING COSTS ASSOCIATED WITH SYSTEM MODIFICATIONS REQUIRED TO ACCOMMODATE ACTUAL SITE PRESSURE. REFER TO POINT OF CONNECTION NOTES FOR REQUIRED PRESSURES AT EACH LOCATION. THIS SYSTEM HAS BEEN DESIGNED FOR A REQUIRED STATIC PRESSURE OF 75 PSI MINIMUM (TBD).
- IRRIGATION SYSTEM OPERATION INTENT - THIS IRRIGATION SYSTEM HAS BEEN DESIGNED TO IRRIGATE THE ESTABLISHED LANDSCAPE WITHIN A FIVE NIGHT PER WEEK, SIX HOUR PER NIGHT WATERING WINDOW. ESTABLISHMENT WATERING WILL REQUIRE UP TO TWICE AS MUCH IRRIGATION FOR A FOUR TO SIX WEEK PERIOD. THE DESIGN IS BASED ON THE FOLLOWING PROJECTED WEEKLY APPLICATION RATES AFTER ESTABLISHMENT. THESE FIGURES ARE BASED ON A 30-YEAR AVERAGE WEATHER DATA AND WILL NEED TO BE ADJUSTED DUE TO SEASONAL CHANGES AND WEATHER CONDITIONS ABOVE AND BELOW THE AVERAGE VALUES UTILIZED.
 

TREES & SHRUBS	1.23" PER WEEK PEAK SEASON
----------------	----------------------------
- EQUIPMENT INSTALLATION - IT IS THE INTENT OF THIS DESIGN THAT ALL IRRIGATION EQUIPMENT BE INSTALLED WITHIN PROPERTY LIMITS AND WITHIN LANDSCAPED AREAS. ANY EQUIPMENT OTHER THAN VALVE BOXES OR SLEEVING THAT CONTAINS PIPE OR WIRES SHOWN OUTSIDE OF THESE LIMITS IS SHOWN IN THAT LOCATION FOR GRAPHICAL CLARITY ONLY. ALL VALVE BOXES SHALL BE INSTALLED A MINIMUM OF 2'-0" FROM EDGE OF ANY PAVED SURFACES UNLESS INDICATED ON PLANS. ALL VALVE BOXES SHALL BE PLACED A MINIMUM OF 3'-0" FROM THE CENTERLINE OF ANY DRAINAGE SWALE. ALL VALVE BOXES WITHIN PAVEMENT SHALL BE TIER 15 RATED BOXES FOR HEAVY DUTY NON-DELIBERATE TRAFFIC. BOX LID COLOR SHALL MATCH ADJACENT MATERIALS, I.E. GREEN IN TURF, TAN IN WOOD MULCH, GREY IN STONE MULCH. REFER TO LANDSCAPE PLANS FOR MATERIAL COLORS AND TYPES.
- SLEEVING - (WILL BE INSTALLED BY ROADWAY CONTRACTOR - SIZES AS INDICATED ON PLANS) SLEEVING SHALL BE INSTALLED IN THE SIZES AND QUANTITIES SHOWN ON PLANS OR BASED ON THE SCHEDULE BELOW. WHERE SLEEVES ARE SHOWN, BUT NOT LABELED, FOLLOW THE SCHEDULE BELOW. ALL MAINLINE, CONTROL WIRES AND DRIPLINES UNDER PAVED SURFACES ARE TO BE INSTALLED IN SLEEVING. ALL MAINLINE SLEEVE LOCATIONS TO INCLUDE A SEPARATE WIRE SLEEVE.
 

SLEEVED PIPE SIZE/WIRE QUANTITY	REQUIRED SLEEVE SIZE & QUANTITY
3/4" - 1 1/2" PIPING	2" PVC (1)
1 1/2" - 2" PIPING	4" PVC (1)
CONTROL WIRES	2" PVC (1)
- MANUAL DRAIN VALVES - CONTRACTOR TO INSTALL ONE MANUAL DRAIN VALVE ON PRESSURE SUPPLY LINE DIRECTLY DOWNSTREAM OF BACKFLOW PREVENTER AND AT ALL LOW POINTS AND DEAD ENDS OF PRESSURE SUPPLY PIPING TO INSURE COMPLETE DRAINAGE OF SYSTEM. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THESE LOCATIONS IN-FIELD AND INSTALLATION LOCATIONS SHALL BE NOTED ON AS-BUILTS.
- POP-UP SPRAY NOZZLES - CONTRACTOR TO INSTALL PLASTIC NOZZLES ON ALL POP-UP SPRAY HEADS. INSTALL 15 SERIES NOZZLES ON ALL HEADS SPACED AT 12' TO 14'. INSTALL 12 SERIES NOZZLES ON ALL HEADS SPACED 10' TO 11'. INSTALL 10 SERIES NOZZLES ON ALL HEADS SPACED AT 8' TO 9'. INSTALL 8 SERIES NOZZLES ON ALL HEADS SPACED AT 6' TO 7'. INSTALL 5' NOZZLES ON ALL HEADS SPACED AT 5'. INSTALL SIDE STRIP NOZZLES ON ALL HEADS WITH AN "S" DESIGNATION AND RIGHT AND LEFT CORNER STRIP NOZZLES ON ALL HEADS WITH AN "L" OR "R" DESIGNATION. VARIABLE ARC NOZZLES SHOULD BE UTILIZED ADJACENT TO CURVILINEAR SHRUB BEDS OR FOR ANY ANGLES THAT ARE NOT A STANDARD NOZZLE ANGLE. WHERE INDICATED.
- UNLABELED PIPING - ALL UNLABELED LATERAL PIPING SHALL BE 1" MINIMUM UNLESS OTHERWISE NOTED.
- SPARE CONTROL WIRES - CONTRACTOR SHALL EXTEND THREE SPARE WIRES (ONE COMMON AND 2 CONTROL WIRES) FROM EACH CONTROLLER TO THE END OF THE MAINLINE SERVING THAT CONTROLLER OR AS SHOWN ON THE PLANS. INSTALL SPARE WIRES IN 10" ROUND VALVE BOX WITH QUICK COUPLING VALVE. REFER TO SPECIFICATIONS FOR WIRE COLOR. SEE IRRIGATION SCHEDULE FOR ADDITIONAL INFORMATION.
- ADJUSTMENT - CONTRACTOR SHALL FINE TUNE/ADJUST THE IRRIGATION SYSTEM TO REDUCE/AVOID OVERSPRAY ONTO HARD SURFACES BY ADJUSTING NOZZLE DIRECTION AND NOZZLE RADIUS.
- MAINLINE-LATERAL-DRIPLINE - ROUTING OF ALL IRRIGATION LINES ARE GRAPHICAL FOR CLARITY, NO IRRIGATION LINES SHALL BE ROUTED UNDER DECORATIVE BOULDERS SHOWN ON LANDSCAPE PLAN.
- EXISTING UTILITIES - CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION, AREAS WITH UTILITIES SHALLOWER THAN 36" IN DEPTH SHALL BE HAND DUG TO AVOID DAMAGE TO UTILITY.

IRRIGATION EQUIPMENT IS SHOWN OUTSIDE LANDSCAPED AREA FOR GRAPHICAL CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN LANDSCAPED AREAS.

#### DIRECTORY

- IRRIGATION SCHEDULE IR01
- IRRIGATION NOTES IR01
- IRRIGATION PLANS IR02 - IR05
- IRRIGATION DETAILS IR06 - IR08

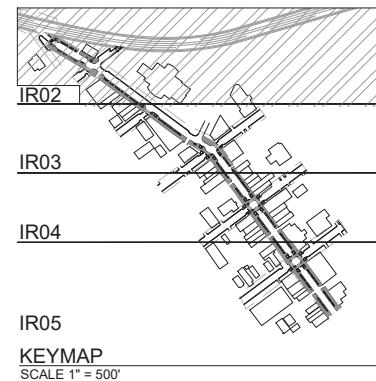
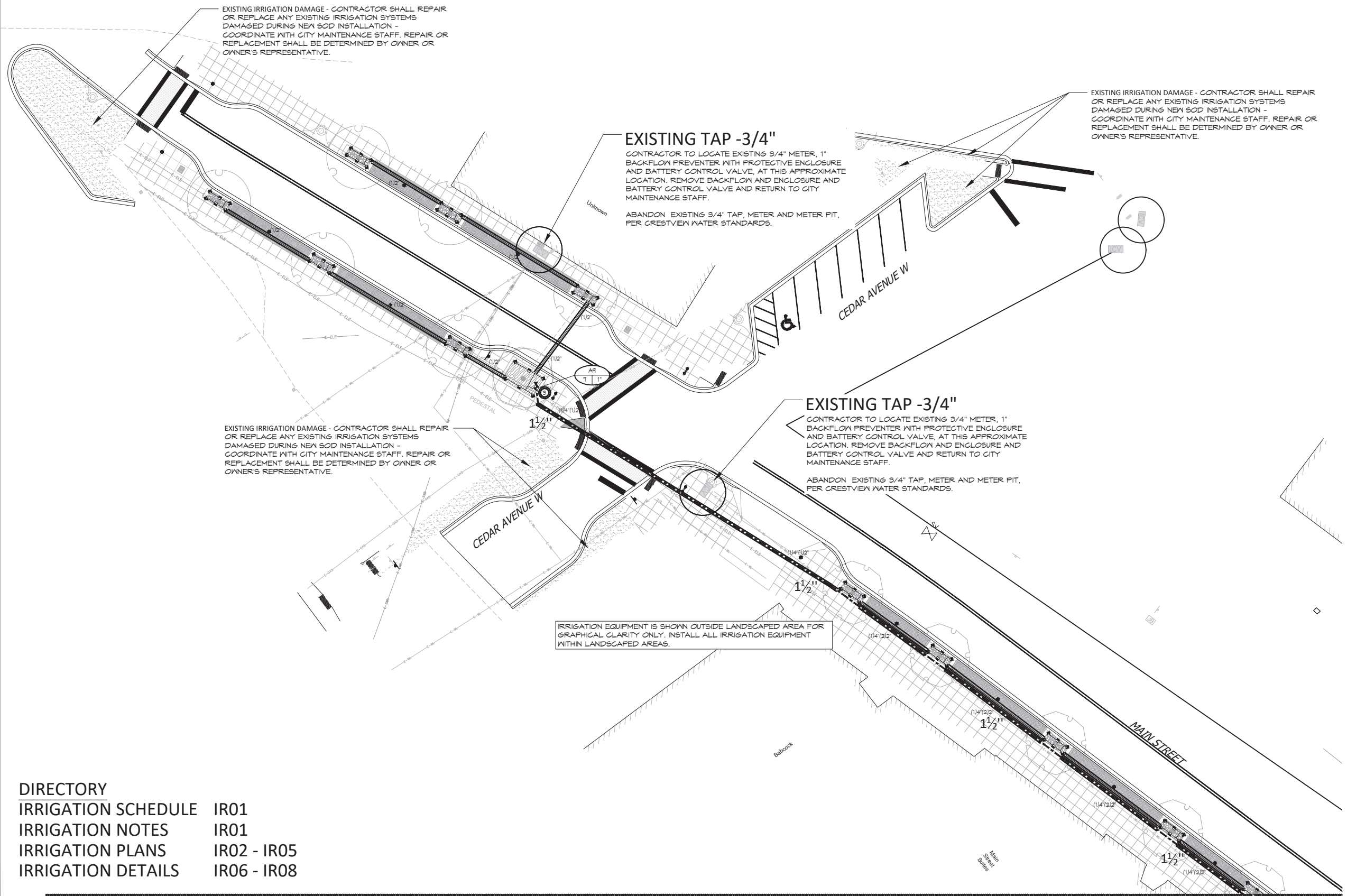
HydroSystems  
Irrigation Consulting & Water Management  
13949 W. Colfax Ave, Suite 260 Lakewood, Colorado 80401  
o: 303.980.5327 www.hydrosystems-kdi.com

REFERENCE DRAWINGS X-MDQ22x34-TEP KEYMAP 1185-P-Roads 210713 CVIEW EX-Survey LA-BASE 1185-P-UBI LA-BASE-PLANTING	No.	DATE	DESCRIPTION	BY	PREPARED FOR:  The City Of 198 North Wilson Street Crestview, FL 32536 Phone: 850-682-1560 www.cityofcrestview.org	PREPARED BY:  Excellence by Design 320 Bayshore Drive, Suite B Niceville, FL 32578 Phone: 850-279-4298 www.matrixdesigngroup.com	SEAL <b>BID SET</b> THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE	<b>MAIN STREET IMPROVEMENTS</b> CITY OF CRESTVIEW ENGINEERING PLANS		
	COMPUTER FILE MANAGEMENT FILE NAME: T:\7500-7599 JOBS\7512-CRESTVIEW STREETScape\CD_IRR-REV.DWG CTB FILE: 8PEN30SCREEN-15-HSKDI.CTB PLOT DATE: MAY 2022 THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.							<b>IRRIGATION NOTES &amp; SCHEDULE</b>		
					DESIGNED BY: KJD	SCALE: N/A	DATE ISSUED: AUGUST 2022	DRAWING No. IR01		
					CHECKED BY: JSB	HORIZ: N/A	SHEET: xx OF xx			



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**DIRECTORY**

IRRIGATION SCHEDULE	IR01
IRRIGATION NOTES	IR01
IRRIGATION PLANS	IR02 - IR05
IRRIGATION DETAILS	IR06 - IR08

MATCHLINE IR03

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
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CTB FILE: 8PEN30SCREEN-15-HSKDI.CTB				
PLOT DATE: MAY 2022				
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<p>PREPARED FOR:</p> <p>The City Of <b>CRESTVIEW</b> FLORIDA</p> <p>198 North Wilson Street Crestview, FL 32536 Phone: 850-682-1560 www.cityofcrestview.org</p>	<p>PREPARED BY:</p> <p><b>Matrix</b> Excellence by Design</p> <p>320 Bayshore Drive, Suite B Niceville, FL 32578 Phone: 850-279-4298 www.matrixdesigngroup.com</p>
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<p><b>BID SET</b></p> <p>THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE</p>	<p>FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC. PROJECT No. 21.1165.004</p>
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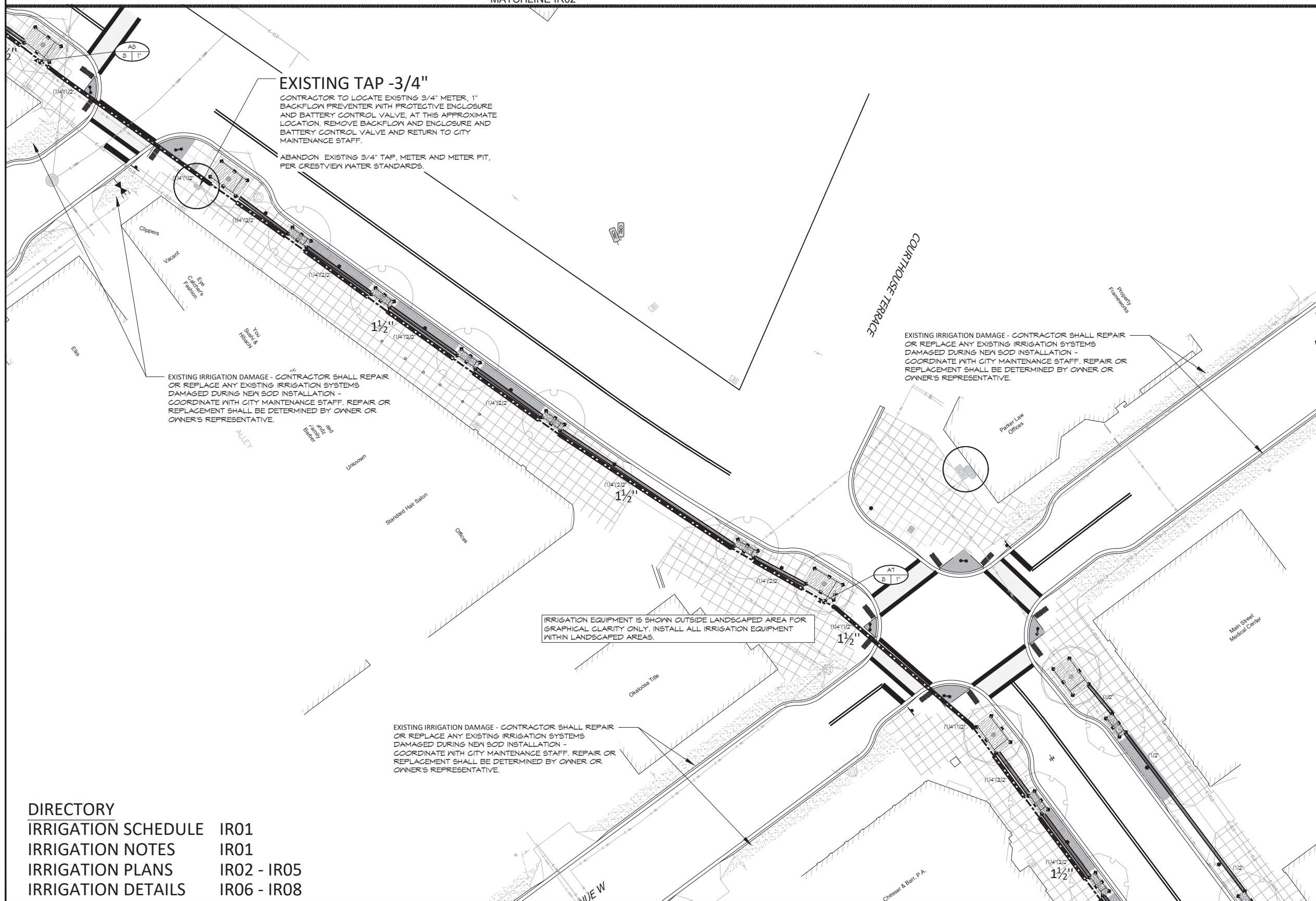
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DRAWN BY: KJD	HORIZ: 1" = 20'	SHEET xx OF xx	
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<b>MAIN STREET IMPROVEMENTS</b>			
CITY OF CRESTVIEW ENGINEERING PLANS			
<b>IRRIGATION PLAN</b>			



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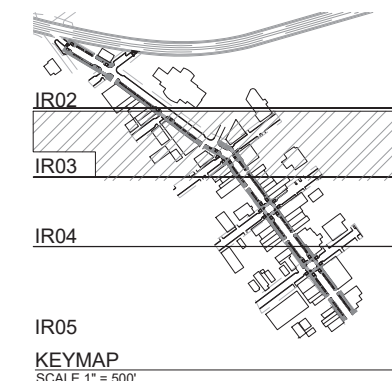
**EXISTING TAP - 3/4"**  
CONTRACTOR TO LOCATE EXISTING 3/4" METER, 1" BACKFLOW PREVENTER WITH PROTECTIVE ENCLOSURE AND BATTERY CONTROL VALVE, AT THIS APPROXIMATE LOCATION. REMOVE BACKFLOW AND ENCLOSURE AND BATTERY CONTROL VALVE AND RETURN TO CITY MAINTENANCE STAFF.  
ABANDON EXISTING 3/4" TAP, METER AND METER PIT, PER CRESTVIEW WATER STANDARDS.

EXISTING IRRIGATION DAMAGE - CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING IRRIGATION SYSTEMS DAMAGED DURING NEW SOD INSTALLATION - COORDINATE WITH CITY MAINTENANCE STAFF. REPAIR OR REPLACEMENT SHALL BE DETERMINED BY OWNER OR OWNER'S REPRESENTATIVE.

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**DIRECTORY**

IRRIGATION SCHEDULE	IR01
IRRIGATION NOTES	IR01
IRRIGATION PLANS	IR02 - IR05
IRRIGATION DETAILS	IR06 - IR08



REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
X-MDQ22x34-TEP				
KEYMAP				
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210713 CVIEW EX-Survey				
LA-BASE				
1165-P-UB				
LA-BASE/PLANTING				
COMPUTER FILE MANAGEMENT				
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CTB FILE: 8PEN30SCREEN-15-HSKDI.CTB				
PLOT DATE: MAY 2022				
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The City Of <b>CRESTVIEW</b> FLORIDA	<b>Matrix</b> Excellence by Design	<b>BID SET</b>
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FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC. PROJECT No. 21.1165.004		

DESIGNED BY:	KJD	SCALE	DATE ISSUED:	AUGUST 2022	DRAWING No.
DRAWN BY:	KJD	HORIZ 1" = 20'			IR03
CHECKED BY:	JSB	VERT. N/A		xx OF xx	

MAIN STREET IMPROVEMENTS					
CITY OF CRESTVIEW ENGINEERING PLANS					
IRRIGATION PLAN					



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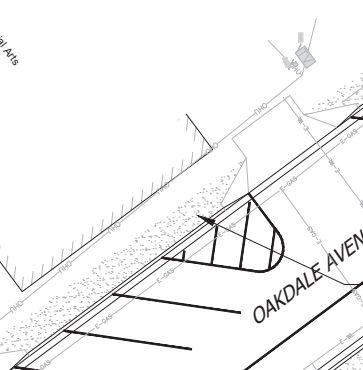
**POINT OF CONNECTION #1 - 3/4"**

PEAK FLOW REQUIREMENT: 10 GPM. REQUIRED STATIC PRESSURE: 70 PSI  
EXISTING 1" BACKFLOW LOCATION IS LOCATED OUTSIDE OF NEW PLANTER AREA, CONTRACTOR TO REMOVE EXISTING BACKFLOW AND RETURN TO CITY MAINTENANCE STAFF. CONTRACTOR SHALL TIE ONTO EXISTING 3/4" COPPER STUB-OUT DOWNSTREAM OF METER PIT AT 54" DEPTH IN THIS APPROXIMATE LOCATION. INCREASE SIZE TO 1" AND INSTALL ONE 1" STOP AND WASTE VALVE AND EXTEND 1" TYPE "K" HARD COPPER TO NEW BACKFLOW PREVENTER. INSTALL ONE 1" REDUCED PRESSURE BACKFLOW PREVENTER WITH PROTECTIVE ENCLOSURE, ONE MANUAL DRAIN VALVE, ONE FLOW SENSOR, ONE MASTER VALVE, ONE QUICK COUPLING VALVE, ONE GATE VALVE AND EXTEND PVC MAINLINE AS SHOWN. EXTEND ONE PE89 SHIELDED CABLE FROM FLOW SENSOR TO DATA RETRIEVAL UNIT LOCATED IN ASSOCIATED CONTROLLER. EXTEND 4 UFUL14# WIRE (TWO ORANGE AND TWO BLUE) AND CONNECT 2 OF THE WIRES FROM THE MASTER VALVE TO THE DATA RETRIEVAL BOARD IN ASSOCIATED CONTROLLER. SEE DETAIL SHEET FOR REQUIRED PIPE LENGTHS UPSTREAM AND DOWNSTREAM OF FLOW SENSING UNIT. WORK SHALL CONFORM TO LOCAL CODE. FEES, PERMITS AND INSPECTIONS ASSOCIATED WITH WORK ARE TO BE OBTAINED AND PAID FOR BY CONTRACTOR. FINAL BACKFLOW PREVENTER LOCATION SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

**CONTROLLER LOCATION "A"**

PEDESTAL MOUNT ONE PEDESTAL MOUNT CONTROLLER (REFER TO SCHEDULE FOR MODEL & STATION COUNT), REMOTE READY, AT INDICATED LOCATION. 120 VOLT POWER IS AVAILABLE WITHIN 10 LF. OF CONTROLLER LOCATION FROM TRANSFORMER/PEDESTAL, BY OTHERS RE-ELECTRICAL. ELECTRICAL METER, WIRE/CONDUIT, STEP-DOWN TRANSFORMER (IF REQUIRED) AND POWER CONNECTION TO CONTROLLER IS BY CONTRACTOR WITH WORK CONFORMING TO LOCAL CODES. FEES AND PERMITS ASSOCIATED WITH WORK ARE TO BE OBTAINED AND PAID BY CONTRACTOR. EXTEND ONE PE89 SHIELDED CABLE FROM FLOW SENSOR TO DATA RETRIEVAL UNIT LOCATED IN ASSOCIATED CONTROLLER. EXTEND 4 UFUL14# WIRE (TWO ORANGE AND TWO BLUE) AND CONNECT 2 OF THE WIRES FROM THE MASTER VALVE TO THE DATA RETRIEVAL BOARD IN ASSOCIATED CONTROLLER. SEE DETAIL SHEET FOR REQUIRED PIPE LENGTHS UPSTREAM AND DOWNSTREAM OF FLOW SENSING UNIT. FINAL CONTROLLER LOCATION SHALL BE APPROVED BY OWNER OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. MOUNT ONE WEATHER SENSOR ON EAVE OF BUILDING WHERE THERE IS 20 FT. OF CLEARANCE FROM ANY OVERHANG OR OBSTRUCTING FEATURE. INSTALL WEATHER SENSOR RECEIVER IN CONTROLLER ENCLOSURE. FINAL WEATHER SENSOR LOCATION SHALL BE APPROVED BY OWNER OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

EXISTING IRRIGATION DAMAGE - CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING IRRIGATION SYSTEMS DAMAGED DURING NEW SOD INSTALLATION - COORDINATE WITH CITY MAINTENANCE STAFF. REPAIR OR REPLACEMENT SHALL BE DETERMINED BY OWNER OR OWNER'S REPRESENTATIVE.



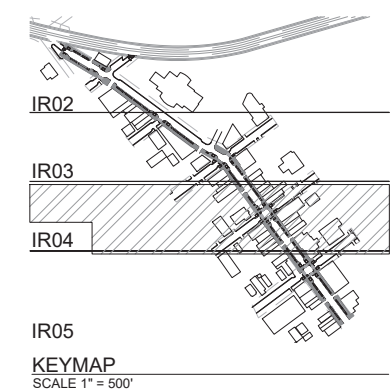
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**DIRECTORY**

- IRRIGATION SCHEDULE IR01
- IRRIGATION NOTES IR01
- IRRIGATION PLANS IR02 - IR05
- IRRIGATION DETAILS IR06 - IR08



MATCHLINE IR05

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
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KEYMAP				
1185-P-Roads				
210713 CVIEW EX-Survey				
LA-BASE				
1185-P-UBI				
LA-BASE-PLANTING				
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CTB FILE: 8PEN30SCREEN-15-HSKDI.CTB				
PLOT DATE: MAY 2022				
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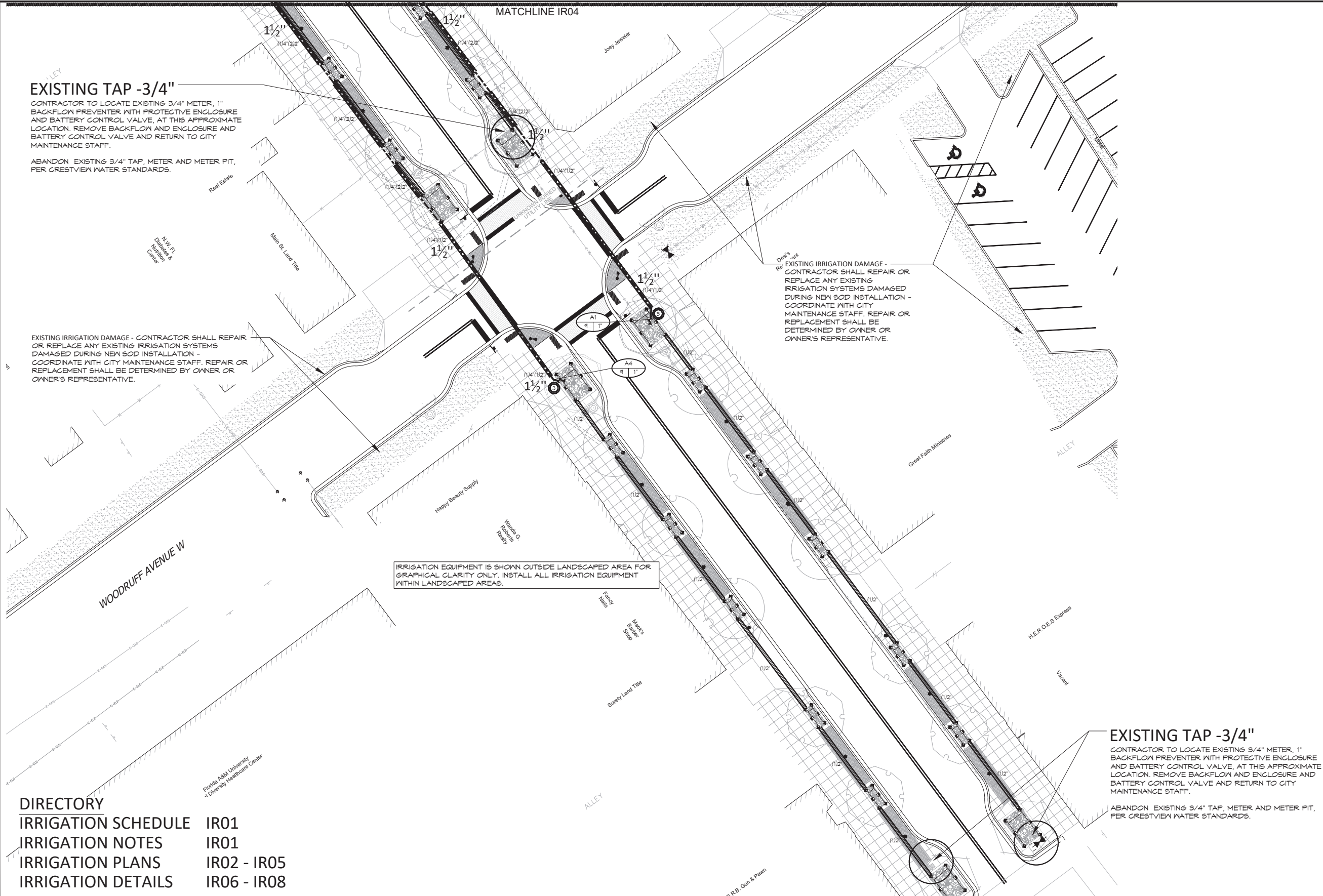
PREPARED FOR:	PREPARED BY:	SEAL
The City Of <b>CRESTVIEW</b> FLORIDA	<b>Matrix</b> Excellence by Design	<b>BID SET</b>
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FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC. PROJECT No. 21.1165.004		DESIGNED BY: KJD DRAWN BY: KJD CHECKED BY: JSB
		SCALE: HORIZ 1" = 20' VERT. N/A
		DATE ISSUED: AUGUST 2022
		DRAWING No. IR04

MAIN STREET IMPROVEMENTS			
CITY OF CRESTVIEW ENGINEERING PLANS			
IRRIGATION PLAN			
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CHECKED BY: JSB	VERT. N/A	SHEET xx OF xx	



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**EXISTING TAP -3/4"**

CONTRACTOR TO LOCATE EXISTING 3/4" METER, 1" BACKFLOW PREVENTER WITH PROTECTIVE ENCLOSURE AND BATTERY CONTROL VALVE, AT THIS APPROXIMATE LOCATION. REMOVE BACKFLOW AND ENCLOSURE AND BATTERY CONTROL VALVE AND RETURN TO CITY MAINTENANCE STAFF.

ABANDON EXISTING 3/4" TAP, METER AND METER FIT, PER CRESTVIEW WATER STANDARDS.

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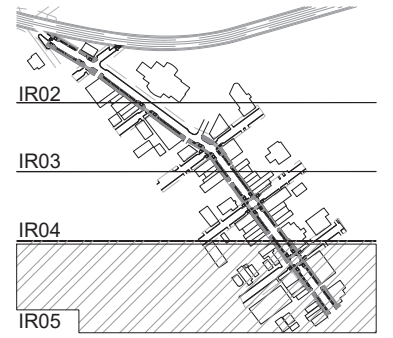
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ABANDON EXISTING 3/4" TAP, METER AND METER FIT, PER CRESTVIEW WATER STANDARDS.



KEYMAP  
SCALE 1" = 500'

**DIRECTORY**

- IRRIGATION SCHEDULE IR01
- IRRIGATION NOTES IR01
- IRRIGATION PLANS IR02 - IR05
- IRRIGATION DETAILS IR06 - IR08

**HydroSystems**  
Irrigation Consulting & Water Management  
13949 W. Colfax Ave, Suite 260 Lakewood, Colorado 80401  
o: 303.980.5327 www.hydrosystemskd.com

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION REVISIONS	BY
X-MDG22x34-TEP KEYMAP 1165-P-Roads 210713 CVIEW EX-Survey LA-BASE 1165-P-UBI LA-BASE/PLANTING				

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CTB FILE:	8PEN30SCREEN-15-HSKDI.CTB
PLOT DATE:	MAY 2022
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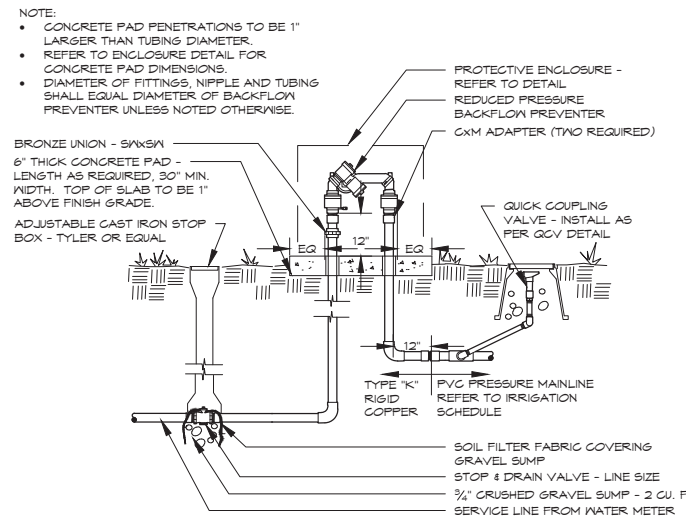
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FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC. PROJECT No. 21.1165.004

<b>MAIN STREET IMPROVEMENTS</b>			
CITY OF CRESTVIEW ENGINEERING PLANS			
<b>IRRIGATION PLANS</b>			
DESIGNED BY: KJD	SCALE: HORIZ 1" = 20'	DATE ISSUED: AUGUST 2022	DRAWING No. IR05
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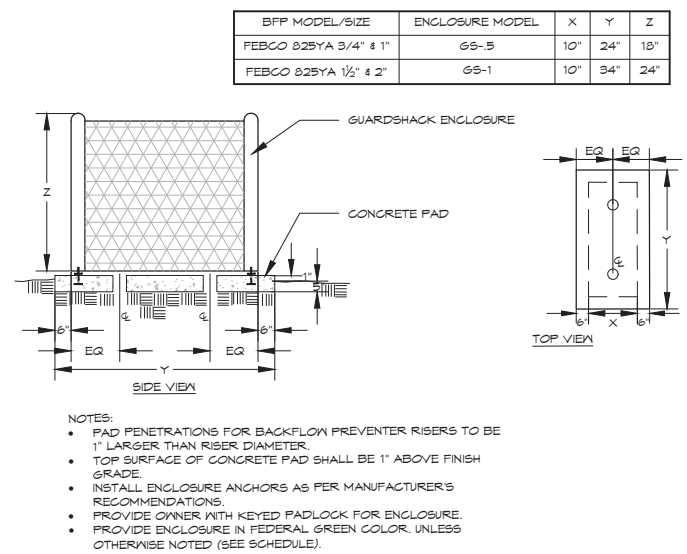


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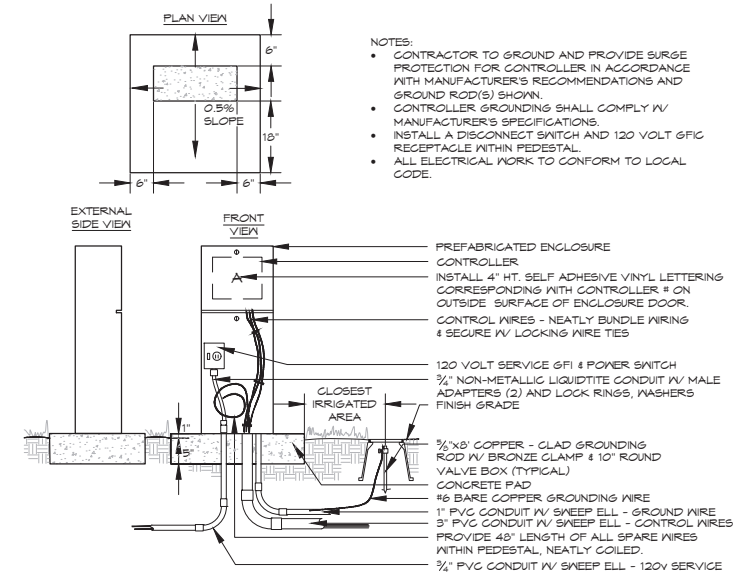
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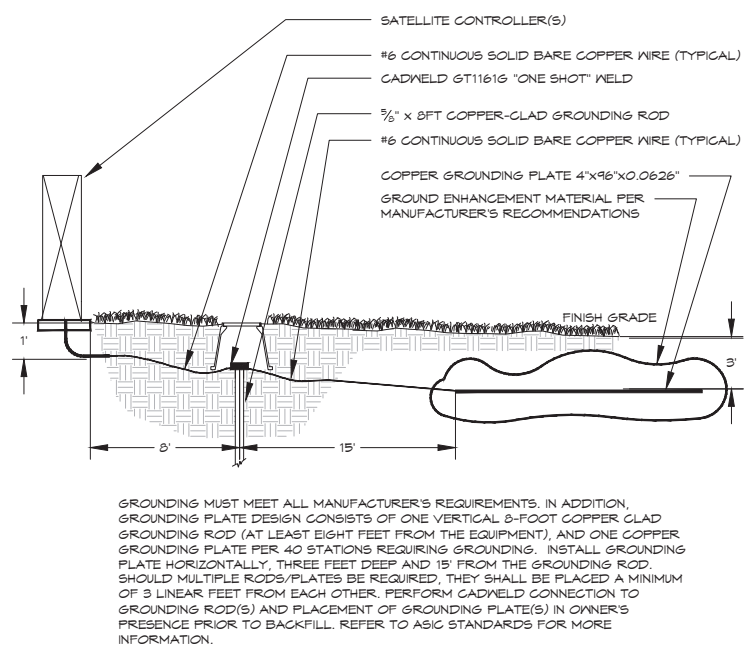
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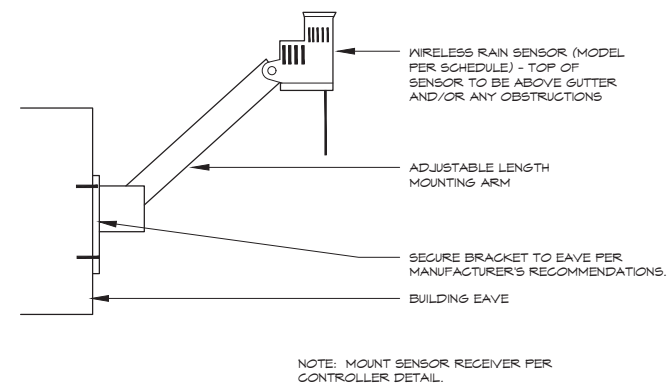
**BACKFLOW ENCLOSURE** 2



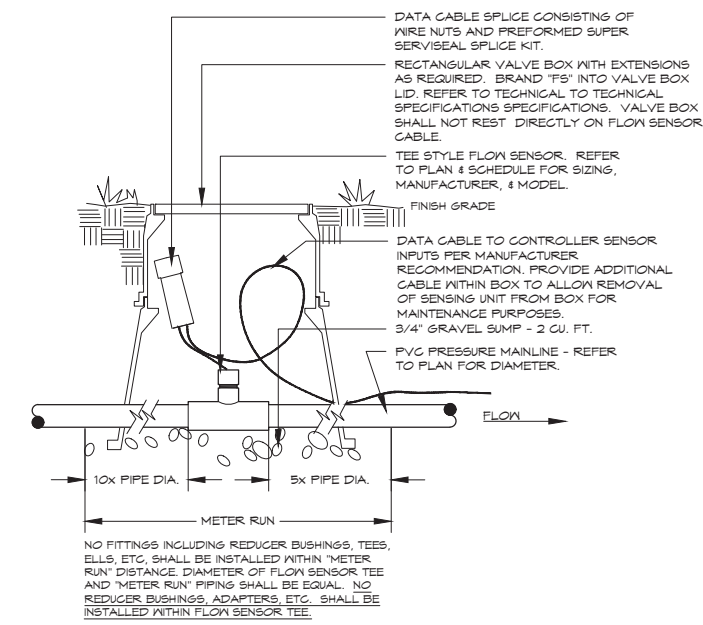
**ELECTRIC CONTROLLER** 3



**CONTROLLER GROUNDING** 4



**WEATHER SENSOR**  
EAVE MOUNTED - Wireless 5



**FLOW SENSOR** 6

**DIRECTORY**

IRRIGATION SCHEDULE	IR01
IRRIGATION NOTES	IR01
IRRIGATION PLANS	IR02 - IR05
IRRIGATION DETAILS	IR06 - IR08



REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
X-MDG22x34-TEP KEYMAP 1185-P-Roads 210713 CVIEW EX-Survey LA-BASE 1185-P-UBI LA-BASE/PLANTING				
<b>COMPUTER FILE MANAGEMENT</b>				
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PLOT DATE: MAY 2022				
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<p>PREPARED FOR:                  The City Of  <b>CRESTVIEW</b>                  FLORIDA</p> <p>198 North Wilson Street                  Crestview, FL 32536                  Phone: 850-682-1560                  www.cityofcrestview.org</p>	<p>PREPARED BY:  <b>Matrix</b>                  Excellence by Design</p> <p>320 Bayshore Drive, Suite B                  Niceville, FL 32578                  Phone: 850-279-4298                  www.matrixdesigngroup.com</p>	<p>SEAL</p> <p><b>BID SET</b></p> <p>THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE</p> <p>FOR AND ON BEHALF OF                  MATRIX DESIGN GROUP, INC.                  PROJECT No. 21.1165.004</p>
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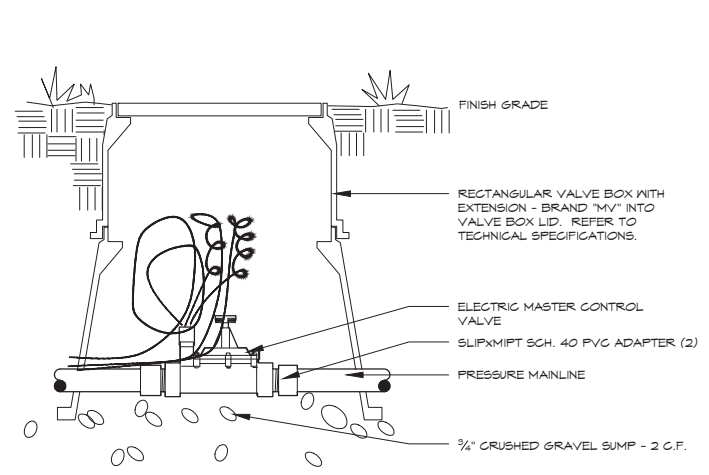
<p>DESIGNED BY: KJD                  DRAWN BY: KJD                  CHECKED BY: JSB</p>	<p>SCALE                  HORIZ NTS                  VERT N/A</p>	<p>DATE ISSUED: AUGUST 2022                  SHEET xx OF xx</p>	<p>DRAWING No.                  IR06</p>
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<b>MAIN STREET IMPROVEMENTS</b>			
CITY OF CRESTVIEW ENGINEERING PLANS			
<b>IRRIGATION DETAILS</b>			



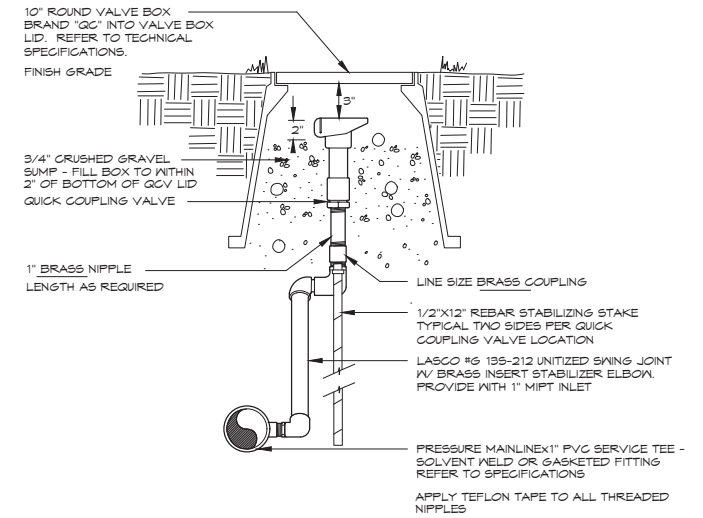
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CALL 811 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES



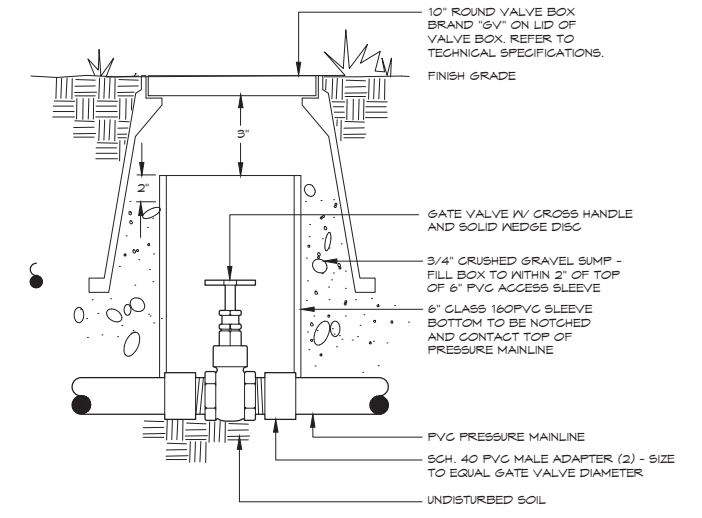
MASTER VALVE

7



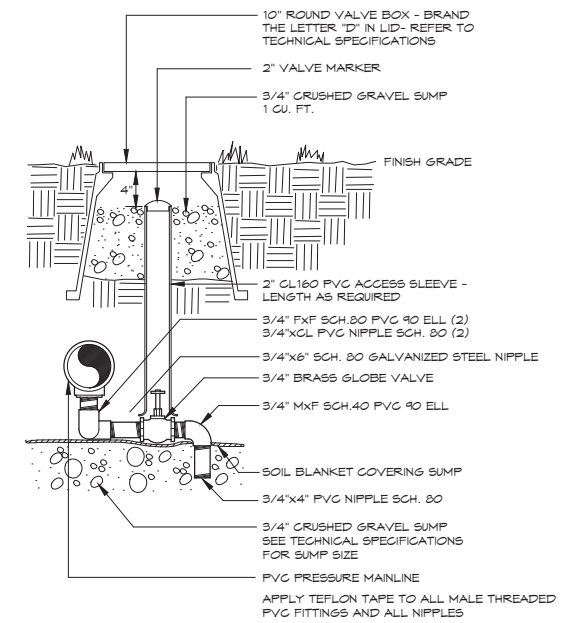
QUICK COUPLING VALVE

8



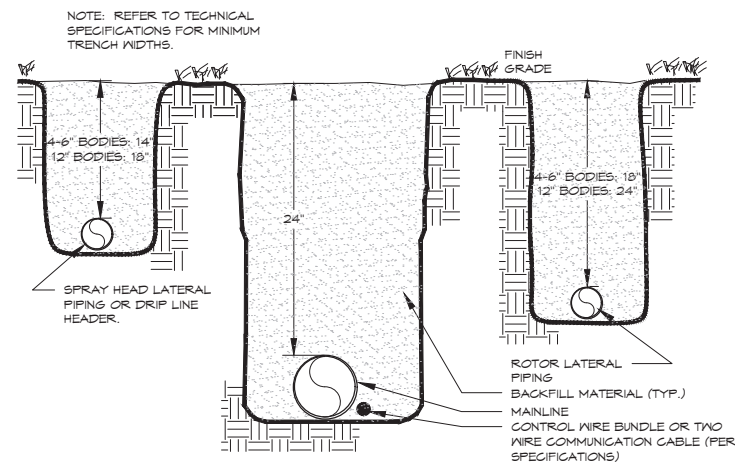
GATE VALVE

9



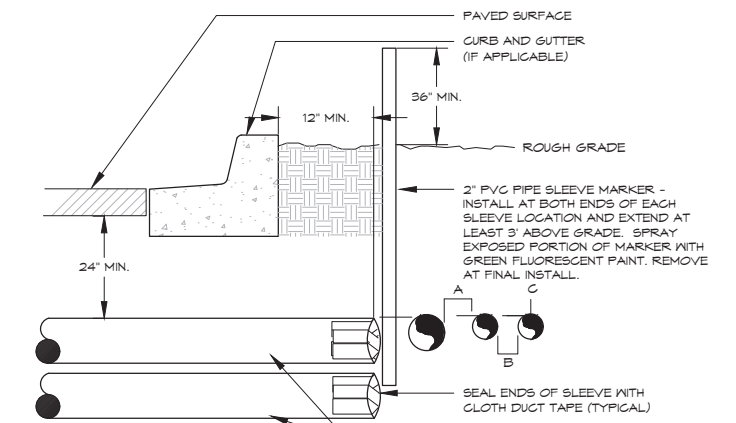
MANUAL DRAIN VALVE

10



TRENCH

11



IRRIGATION SLEEVING TYPICAL

12

DIRECTORY

IRRIGATION SCHEDULE	IR01
IRRIGATION NOTES	IR01
IRRIGATION PLANS	IR02 - IR05
IRRIGATION DETAILS	IR06 - IR08

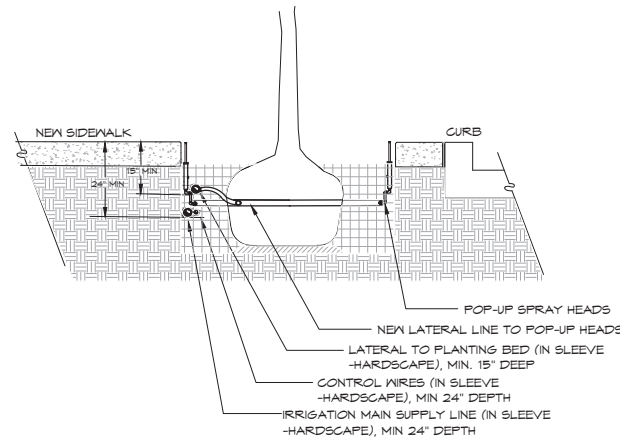


REFERENCE DRAWINGS X-MDG22x34-TEP KEYMAP 1185-P-Roads 210713 CVIEW EX-Survey LA-BASE 1185-P-U/I LA-BASE/PLANTING	No.	DATE	DESCRIPTION	BY	PREPARED FOR: The City Of <b>CRESTVIEW</b> FLORIDA 198 North Wilson Street Crestview, FL 32536 Phone: 850-682-1560 www.cityofcrestview.org	PREPARED BY: <b>Matrix</b> Excellence by Design 320 Bayshore Drive, Suite B Niceville, FL 32578 Phone: 850-279-4298 www.matrixdesigngroup.com	SEAL <b>BID SET</b> THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE	MAIN STREET IMPROVEMENTS			
	CITY OF CRESTVIEW ENGINEERING PLANS							DESIGNED BY: KJD DRAWN BY: NTS CHECKED BY: JSB	SCALE HORIZ NTS VERT. N/A	DATE ISSUED: AUGUST 2022 SHEET 66 OF xx	DRAWING No. IR07
	COMPUTER FILE MANAGEMENT FILE NAME: T:\7500-7599 JOBS\7512-CRESTVIEW STREETScape\CD_IRR-REV.DWG CTB FILE: 8PEN30SCREEN-15-HSKDI.CTB PLOT DATE: MAY 2022 THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.										



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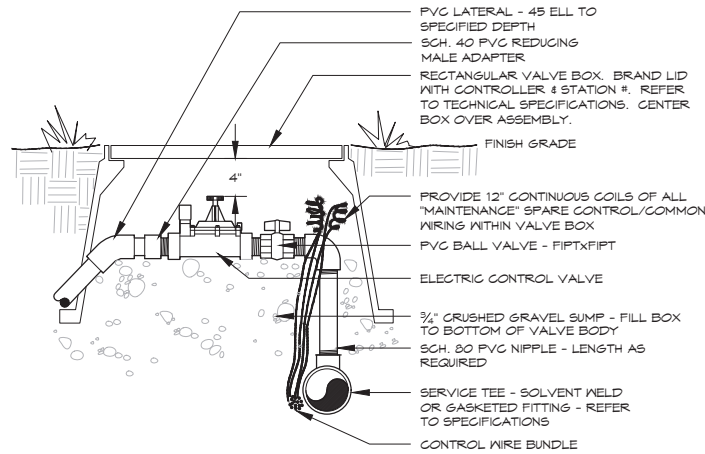


**NOTE:**

PVC MAINLINE WILL NOT REQUIRE SLEEVES WITHIN PLANTING BED AREAS, INSTALL IN SLEEVES, AS NOTED, UNDER STREETS, DRIVEWAYS AND SIDEWALKS.

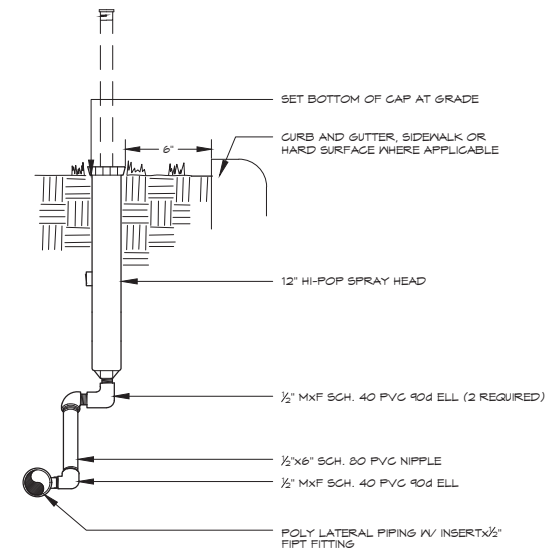
SLEEVING AND TRENCH LOCATION SHALL BE COORDINATED WITH OTHER UTILITIES.

**SLEEVING AND PIPING IN HARD SURFACE TYPICAL** 13



NOTE: DIAMETERS OF BALL VALVES, PVC FITTINGS AND NIPPLES SHALL EQUAL ELECTRIC CONTROL VALVE DIAMETER. VALVE BOXES SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO ADJACENT SIDEWALKS AND HARD SURFACES WHERE APPLICABLE. APPLY TEFLON TAPE TO ALL MALE THREADED FITTINGS AND THREADED NIPPLES.

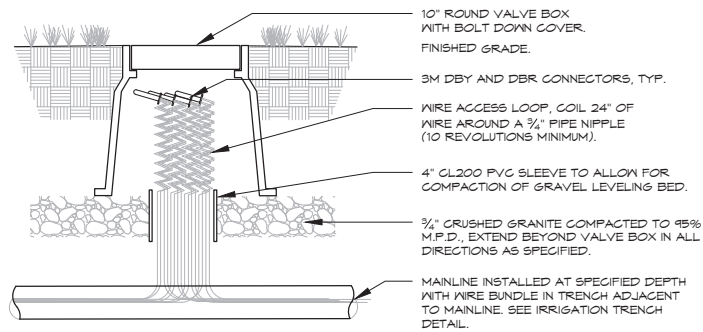
**ELECTRIC CONTROL VALVE** 14



**NOTE:**

- SET HEAD PERPENDICULAR TO FINISH GRADE SWING.
- JOINT ASSEMBLY SHALL BE ATTACHED TO BOTTOM SPRAY HEAD INLET ONLY.
- APPLY TEFLON TAPE TO ALL MALE PVC THREADED FITTINGS AND NIPPLES.

**HI-POP SPRAY HEAD** 15



**NOTE:**

1. SET TOP OF BOX LEVEL WITH FINISHED GRADE IN TURF AREAS AND LEVEL WITH TOP OF MULCH IN SHRUB BEDS.
2. USE STANDARD RECTANGULAR VALVE BOX WITH BOLT DOWN LID FOR SPLICES OF MORE THAN TWENTY (20) WIRES.

**WIRE SPLICE BOX** 16

**DIRECTORY**

- IRRIGATION SCHEDULE IR01
- IRRIGATION NOTES IR01
- IRRIGATION PLANS IR02 - IR05
- IRRIGATION DETAILS IR06 - IR08



REFERENCE DRAWINGS X-MDQ22x34-TEP KEYMAP 1165-P-Roads 210713 CVIEW EX-Survey LA-BASE 1165-P-LIB LA-BASE/PLANTING	No.	DATE	DESCRIPTION	BY	PREPARED FOR: The City Of <b>CRESTVIEW</b> FLORIDA 198 North Wilson Street Crestview, FL 32536 Phone: 850-682-1560 www.cityofcrestview.org	PREPARED BY: <b>Matrix</b> Excellence by Design 320 Bayshore Drive, Suite B Niceville, FL 32578 Phone: 850-279-4298 www.matrixdesigngroup.com	SEAL <b>BID SET</b> THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE	<b>MAIN STREET IMPROVEMENTS</b>			
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				CHECKED BY:	JSB	HORIZ	NTS	SHEET	xx	OF	xx