

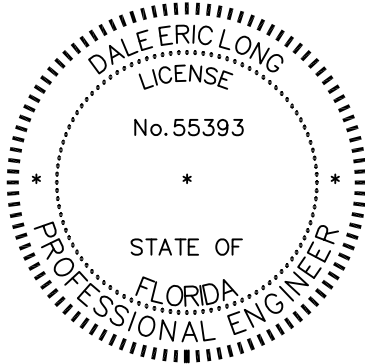
FOUR STAR FARM ROAD PAVING AND
DRAINAGE

ESCAMBIA COUNTY

FLORIDA



8574 Turkey Bluff Road Navarre, Florida 32566 p: (850) 939-5732
CERTIFICATE OF AUTHORIZATION: CA-30886



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL.

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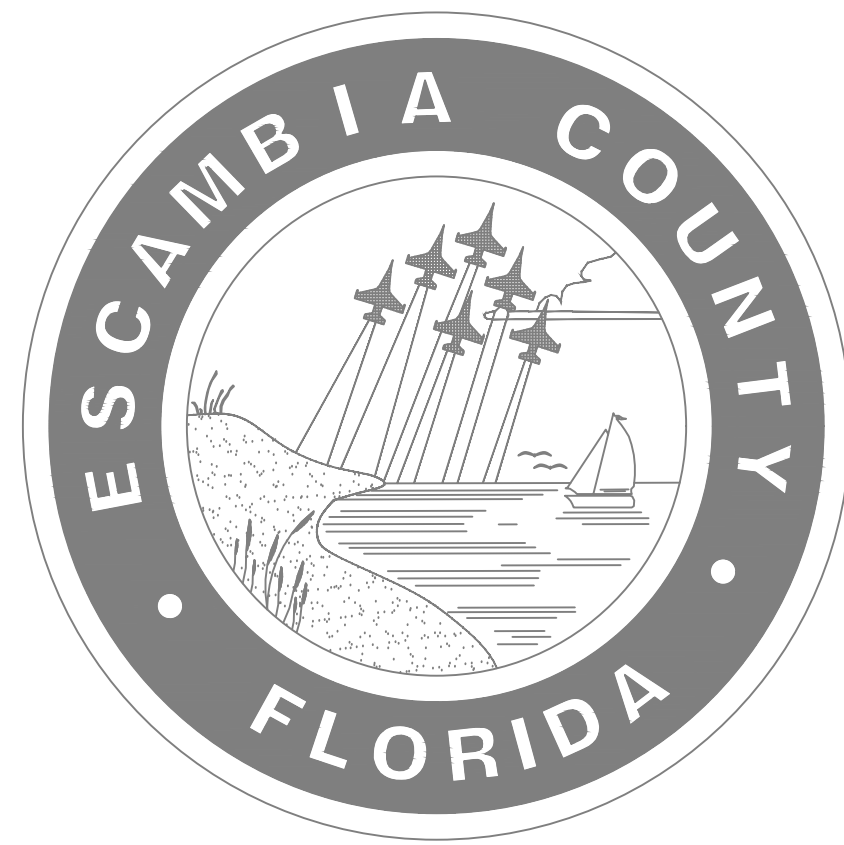
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN
ACCORDANCE WITH RULE 61G15-23.004,F.A.C

60% DESIGN SUBMITTAL

SHEET NO.

SHEET DESCRIPTION

00	COVER SHEET
01	PROJECT NOTES
02	PROJECT NOTES & LEGEND
03	EROSION & SEDIMENT CONTROL GENERAL NOTES & DETAILS
04	BID ITEMS AND CONFLICT MATRIX
05	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
06	OVERALL PROJECT LAYOUT AND KEY SHEET
07 - 09	DEMOLITION & EROSION CONTROL PLANS
10 - 16	PLAN & PROFILE SHEETS
17 - 22	CROSS SECTIONS
23 - 25	PROJECT SIGNAGE AND PAVEMENT MARKING PLAN
26 - 28	UTILITY RELOCATION PLAN
29 - 34	PROJECT DETAILS



BOARD OF COUNTY COMMISSIONERS
ESCAMBIA COUNTY, FLORIDA
PUBLIC WORKS DEPARTMENT
ENGINEERING / INFRASTRUCTURE DIVISION

PLANS PROPOSED FOR
FOUR STAR FARM ROAD
 (PD 02-03.79.68.2 PO #211408)
DIRT ROAD PAVING & DRAINAGE PROJECT

INDEX OF PLANS

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60% DRAWING SUBMITTAL
FEBRUARY 2023

COMMISSIONERS

- | | |
|----------------|-----------------------------|
| DISTRICT ONE | JEFF BERGOSH |
| DISTRICT TWO | MIKE KOHLER |
| DISTRICT THREE | LUMON MAY, CHAIRMAN |
| DISTRICT FOUR | ROBERT BENDER |
| DISTRICT FIVE | STEVEN BARRY, VICE CHAIRMAN |

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

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



VICINITY MAP

PROJECT MANAGER: JOHN ROSENAU	
SECTION / TOWNSHIP / RANGE: 06-2N-31W	DISTRICT: 5
PROJECT ENGINEER: DALE E. LONG, PE	REG FLA ENG NO: 55393
SIGNATURE:	DATE: FEBRUARY 2023

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

ESCAMBIA COUNTY NOTES:

- ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE ESCAMBIA COUNTY ENGINEER SHALL BE COMPLIED WITH IN EVERY DETAIL.
- THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PREVENT EROSION AND ANY OFF SITE SEDIMENT TRANSPORT RESULTING FROM INCREASED RUNOFF DURING CONSTRUCTION BY PROVIDING SILT FENCE AND/OR STAKED HAY BALES AS REQUIRED BY FDOT, THE FLORIDA STORMWATER, EROSION, AND SEDIMENT CONTROL INSPECTOR'S MANUAL, 2000 EDITION, OR AS INDICATED ON THE PLANS. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED AS TO REDUCE SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR DESIGNEE.
- COMPLIANCE OF NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRESERVE OR RELOCATE ALL BENCHMARKS (VERTICAL CONTROL) AS NEEDED DURING CONSTRUCTION. ALL PUBLIC OR PRIVATE CORNER MONUMENTATION SHALL BE PROTECTED. IF A PUBLIC OR PRIVATE CORNER MONUMENTATION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR DESIGNEE IMMEDIATELY. ANY ESCAMBIA COUNTY HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS ARE DISTURBED OR DESTROYED THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELACEMENT OF THE MONUMENTS AND HAVE THE MONUMENTS POSITION DETERMINED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER USING GUIDELINES AS ESTABLISHED BY NATIONAL GEODETIC SURVEY FOR BLUE BOOKING AND APPROVAL.
- EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.
- EXISTING STREETS AND DRIVES SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.
- ALL ROADWAY CONSTRUCTION SHALL COMPLY WITH THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.
- ALL MATERIALS, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.
- ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERRED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.
- EXISTING STREET AND ROAD NAME SIGNS ON THE PROJECT SHALL BE KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLES. ALL OTHER EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE TAKEN DOWN AND STOCKPILED WITHIN THE R/W LIMITS BY THE CONTRACTOR AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE. ANY EXISTING SIGNS THAT ARE TO BE RELOCATED AND ARE DAMAGED BEYOND USE BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE 10' OPEN LANE AT ALL TIMES. NO OPEN EXCAVATION SHALL REMAIN OVER NIGHT. CONTRACTOR SHALL RESTORE ROAD TO TWO LANES OF TRAFFIC AT THE END OF EACH WORK DAY.
- CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- ONLY ACCESS TO THE ROAD R/W AS SHOWN IS GUARANTEED BY THE COUNTY. PRIVATE R/W REQUIRED BY THE CONTRACTOR TO FACILITATE CONSTRUCTION SHALL BE ACQUIRED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION OR ASSISTANCE FROM THE COUNTY.
- VEGETATION ON R/W AND EASEMENTS SHALL BE RESTORED TO ORIGINAL CONDITION UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. COST OF SAID RESTORATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.
- GRADED AGGREGATE BASE SHALL BE REQUIRED FOR ROADWAYS UNLESS OTHERWISE NOTED.
- ALL TREES WITHIN LIMITS OF CONSTRUCTION SHALL REMAIN UNLESS OTHERWISE NOTED IN PLANS. REMOVAL OF ANY TREES OR SHRUBS SHALL BE COORDINATED WITH HOME OWNER PRIOR TO REMOVAL. ALL PROPOSED SOD SHALL MATCH EXISTING TYPE.
- ALL COMPACTED FILL SHALL BE PLACED IN LAYERS OR LIFTS NOT MORE THAN 12" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN 8" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS.
- MAINTENANCE OF TRAFFIC AS PER FDOT.
- ALL EXISTING MAILBOXES SHALL BE RELOCATED BEYOND THE EDGE OF PAVEMENT BY THE CONTRACTOR IN ACCORDANCE WITH US POSTAL REQUIREMENTS AND IN ACCORDANCE WITH ESCAMBIA COUNTY TECHNICAL SPECIFICATION AND FDOT DESIGN STANDARDS. ALL EXISTING BRICK MAILBOXES WITHIN LIMITS OF CONSTRUCTION OR COUNTY RIGHT OF WAY SHALL BE REMOVED AND PLACED ON THE PROPERTY LINE OF THE OWNER. CONTRACTOR SHALL REPLACE EXISTING BRICK MAILBOX WITH APPROVED PLASTIC BREAK AWAY MAILBOX.
- THE CONTRACTOR SHALL, AT A MINIMUM, MATCH EXISTING SIGNING AND PAVEMENT MARKINGS. ALL SIGNING AND PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE LATEST FDOT DESIGN STANDARDS. THE CONTRACTOR SHALL CONTACT THE COUNTY TRAFFIC DEPARTMENT PRIOR TO INSTALLATION OF ANY SIGNING AND PAVEMENT MARKINGS.
- WHERE UNSUITABLE MATERIAL, AS DEFINED BY THE COUNTY SPECIFICATIONS SECTION 02300, 1.3(I), IS ENCOUNTERED IN THE AREAS PROPOSED FOR PAVING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COUNTY ENGINEER OR DESIGNEE PRIOR TO ANY EXCAVATION.
- PIPE LENGTHS SHOWN IN THE PLANS DO NOT INCLUDE THE LENGTH OF PIPE THAT MUST BE INSTALLED WITH THE MITERED END SECTION. THEREFORE, ALL PIPE LENGTHS ASSOCIATED WITH MITERED END SECTIONS SHALL BE PAID FOR IN THE UNIT COST OF THE MITERED END SECTION.

- IF ARCHAEOLOGICAL MATERIAL/PREHISTORIC ARTIFACTS SUCH AS POTTERY OR CERAMICS, STONE TOOLS OR METAL IMPLEMENTS, OR ANY OTHER PHYSICAL REMAINS THAT COULD BE ASSOCIATED WITH NATIVE AMERICAN CULTURES, OR EARLY COLONIAL OR AMERICAN SETTLEMENT ARE ENCOUNTERED AT ANY TIME, THE PROJECT SHOULD CEASE ALL ACTIVITIES INVOLVING SUBSURFACE DISTURBANCE IN THE IMMEDIATE VICINITY OF SUCH DISCOVERIES. THE APPLICANT/RECIPIENT, OR OTHER DESIGNEE, SHOULD CONTACT THE FLORIDA DEPARTMENT OF STATE, DIVISION OF HISTORICAL RESOURCES, THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AND THE DSH/FEMA REGION IV ENVIRONMENTAL OFFICER AND FDEM STATE ENVIRONMENTAL LIAISON OFFICER FOR FURTHER GUIDANCE. PROJECT ACTIVITIES SHOULD NOT RESUME WITHOUT VERBAL AND/OR WRITTEN AUTHORIZATION FROM THE DIVISION OF HISTORICAL RESOURCES.
- IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK MUST STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH F.S. 872.05.
- CONTRACTOR SHALL OBTAIN COUNTY APPROVED CHANGE ORDER PRIOR TO PERFORMING ANY ADDITIONAL WORK.
- ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE CONTRACTOR PRIOR TO FINAL "AS-BUILT" SIGN OFF FROM THE COUNTY.
- ALL SIDEWALKS, SHARED PATH WALKWAYS, AND CURB RAMPS ARE TO BE BUILT TO ADA STANDARDS USING THE LATEST EDITION OF THE DESIGN STANDARDS PARK ADA REQUIREMENTS AND PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PROWAG).
- NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD AND ESCAMBIA COUNTY.

GENERAL NOTES:

- THE OWNER INTENDS THAT THE CONTRACT DOCUMENTS WILL PROVIDE A COMPLETE AND FULLY FUNCTIONAL PROJECT. WHERE LABOR AND MATERIAL MAY BE REQUIRED TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL PROJECT BUT IS NOT FULLY SPECIFIED, DETAILED, OR SHOWN AS A CONSTRUCTION ITEM, THE CONTRACTOR SHALL PROVIDE THE REQUIRED MATERIAL OR LABOR TO MEET THE INTENT OF THE CONTRACT DOCUMENTS. THIS REQUIREMENT MAY ONLY BE CONSTRUED AS A REQUIREMENT TO COMPLETE OR MAKE FUNCTIONAL CONSTRUCTION ITEMS SHOWN IN OR ON THE CONTRACT DOCUMENTS.
- PRIOR TO COMMENCING CONSTRUCTION WITHIN THE PROJECT AREA(S), THE CONTRACTOR SHALL VIDEO THE EXISTING CONDITIONS AND AREAS ADJACENT TO THE PROJECT THAT MAY BE IMPACTED BY THE CONSTRUCTION. THE CONTRACTOR SHALL KEEP ONE COPY AND PROVIDE ONE COPY EACH TO THE OWNER AND OWNER'S CONSTRUCTION INSPECTION/ADMINISTRATION REPRESENTATIVE.
- ALL FINAL CONSTRUCTION AND CONSTRUCTION WORK SHALL BE IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL BUILDING AND/OR CONSTRUCTION CODES, RULES OR REQUIREMENTS AS APPLICABLE.
- ABOVE GROUND FEATURES SHOWN WHICH MAY AFFECT CONSTRUCTION WERE TAKEN FROM THE BEST AVAILABLE INFORMATION AND FIELD SURVEYS. THE OWNER DOES NOT GUARANTEE THAT ALL PHYSICAL FEATURES OR ABOVE GROUND OBSTRUCTIONS AFFECTING CONSTRUCTION ARE SHOWN. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTING HIS/HER BID. THERE SHALL BE NO ADJUSTMENT OF THE CONTRACT PRICE FOR VISIBLE FEATURES AFFECTING CONSTRUCTION.
- THE CONTRACT DOCUMENTS, SPECIFICATIONS, AND GEOTECHNICAL INVESTIGATION REPORT FOR THIS PROJECT ARE AN INTEGRAL PART OF THE CONSTRUCTION. THE CONTRACTOR SHALL FULLY REVIEW AND FOLLOW ALL REQUIREMENTS OF THESE DOCUMENTS IN THE COMPLETION OF THE WORK. ALL CONSTRUCTION SHALL BE IN STRICT COMPLIANCE WITH THE CONTRACT DOCUMENTS UNLESS OTHERWISE APPROVED IN WRITING BY THE OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE.
- ALL EXISTING FENCES, STORM DRAINS, PROPERTY CORNERS, SURVEY MONUMENTS, PAVEMENT, ROADS, SIDEWALKS, SIGNS OR ANY OTHER EXISTING OBJECTS OR STRUCTURES WHICH ARE NOT DESIGNATED FOR REMOVAL, BUT ARE DAMAGED OR DESTROYED BY THE CONTRACTOR OR BY ANYONE FOR WHOM THE CONTRACTOR IS RESPONSIBLE ARE TO BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING IN KIND OR REPAIRING TO ORIGINAL CONDITION; MAILBOXES, DRIVEWAY CULVERTS, RETAINING WALLS, LANDSCAPING, ETC. THAT ARE DISTURBED, DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES.
- THE LEGEND IS TYPICAL FOR ALL SHEETS. SOME ITEMS MAY NOT APPLY TO EACH SHEET.
- CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO THE LIMITS OF CONSTRUCTION, RIGHT-OF-WAYS AND/OR EASEMENTS SHOWN. CONTRACTOR SHALL BE LIABLE FOR ALL DAMAGE TO AND RESTORATION OF ALL AREAS OUTSIDE OF RIGHT-OF-WAYS AND EASEMENTS, AT HIS EXPENSE.
- IN THE EVENT THAT ANY STANDARDS OR SPECIFICATIONS AS DESCRIBED HEREIN OR SHOWN ON THE PLANS, ARE IN CONFLICT WITH EACH OTHER, THE MORE STRINGENT CRITERIA WILL APPLY. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY AND IN WRITING. SHOULD THE MORE STRINGENT CRITERIA BE UNCLEAR, THE ENGINEER WILL PROVIDE AN INTERPRETATION AND DETERMINE WHICH CRITERIA IS TO BE USED.
- THESE PLANS WERE BASED ON THE GEOTECHNICAL REPORT BY UNIVERSAL ENGINEERING SERVICES, PHONE: (850) 944-5555. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACQUIRE A COPY OF THE REPORT(S) FROM THE GEOTECHNICAL ENGINEER, FAMILIARIZE THEMSELVES WITH THE CONDITIONS AS DESCRIBED IN THE REPORT(S), AND COMPLY WITH ALL RECOMMENDATIONS MADE IN THE REPORT(S) SPECIFICALLY FOR SOIL PREPARATION ON THE SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF ALL SUPPLEMENTAL REPORTS FOR THIS PROJECT FROM THE OWNER AND TO FOLLOW THE SUPPLEMENTAL REPORTS' RECOMMENDATIONS.
- THE OWNER, OWNER'S REPRESENTATIVES, AND INSPECTORS OF APPLICABLE GOVERNMENT AGENCIES HAVING JURISDICTION, SHALL AT ALL TIMES HAVE ACCESS TO THE WORK SITE. THE CONTRACTOR SHALL PROVIDE PROPER FACILITIES FOR SUCH ACCESS AND INSPECTIONS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO TAKE ALL REASONABLE AND PRUDENT PRECAUTIONS TO ENSURE THAT ALL COMPLETED WORK, MATERIALS AND EQUIPMENT STORED ON SITE ARE SAFE AND SECURE FROM UNAUTHORIZED ACCESS OR USE. SUCH PRECAUTIONS MAY INCLUDE INSTALLATION OF SIGNS, FENCES, OR POSTING OF SECURITY GUARDS.

- ALL DISCHARGE FROM ANY REQUIRED DEWATERING OPERATIONS SHALL BE RESTRICTED AND MAINTAINED ON SITE. PERCOLATION THROUGH TEMPORARY PONDS OR EVAPORATION ARE THE ONLY ALLOWABLE NON-PERMITTED MEANS OF DISPOSAL OF GROUNDWATER. THE CONTRACTOR AT HIS EXPENSE, MAY PROVIDE TESTING OF GROUNDWATER PER F.D.E.P. GUIDELINES INCLUDING FAC CHAPTER 62-621.300(2). THE CONTRACTOR WILL BE REQUIRED TO OBTAIN A "GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY" FROM F.D.E.P. IF REQUIRED AT HIS EXPENSE.
- ABOVE GROUND FEATURES SHOWN WHICH MAY AFFECT CONSTRUCTION WERE TAKEN FROM THE BEST AVAILABLE INFORMATION AND FIELD SURVEYS. THE OWNER DOES NOT GUARANTEE THAT ALL PHYSICAL FEATURES OR ABOVE GROUND OBSTRUCTIONS AFFECTING CONSTRUCTION ARE SHOWN. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTING HIS/HER BID. THERE SHALL BE NO ADJUSTMENT OF THE CONTRACT PRICE FOR VISIBLE FEATURES AFFECTING CONSTRUCTION.
- ALL EXISTING FENCES, STORM DRAINS, PROPERTY CORNERS, SURVEY MONUMENTS, PAVEMENT, ROADS, SIDEWALKS, SIGNS OR ANY OTHER EXISTING OBJECTS OR STRUCTURES WHICH ARE NOT DESIGNATED FOR REMOVAL, BUT ARE DAMAGED OR DESTROYED BY THE CONTRACTOR OR BY ANYONE FOR WHOM THE CONTRACTOR IS RESPONSIBLE ARE TO BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING IN KIND OR REPAIRING TO ORIGINAL CONDITION; MAILBOXES, DRIVEWAY CULVERTS, RETAINING WALLS, SURVEY MARKERS, LANDSCAPING, ETC. THAT ARE DISTURBED, DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES.
- THE LEGEND IS TYPICAL FOR ALL SHEETS. SOME ITEMS MAY NOT APPLY TO EACH SHEET.
- CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO RIGHT-OF-WAYS AND EASEMENTS SHOWN. CONTRACTOR SHALL BE LIABLE FOR ALL DAMAGE TO AND RESTORATION OF ALL AREAS OUTSIDE OF RIGHT-OF-WAYS AND EASEMENTS, AT HIS EXPENSE.
- CONSTRUCTION NOTES ON THE PLANS AND STATIONING IDENTIFIED ARE NONSPECIFIC AND APPROXIMATE AND ARE INTENDED TO SHOW GENERAL INTENT OF THE WORK. THE CONTRACTOR SHALL APPLY ALL MATERIALS AND LABOR TO PROVIDE A COMPLETE AND FUNCTIONAL PROJECT AS IDENTIFIED ON THE PLANS.
- THE CONTRACTOR SHALL COMPLY FULLY WITH ALL PERMIT REQUIREMENTS IMPOSED BY THE REGULATORY AGENCIES.

PROJECT SAFETY NOTES:

- THE CONTRACTOR SHALL BE SOLELY LIABLE FOR THE SAFETY OF THE WORK AND ANY AND ALL DAMAGES ARISING FROM THE CONSTRUCTION SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ASSURING THAT THE CONSTRUCTION MATERIALS AND METHODS ARE COMPLIANT WITH ALL APPLICABLE LOCAL, STATE OR FEDERAL SAFETY CODES, RULES, OR REQUIREMENTS.
- THE CONTRACTOR SHALL COMPLY IN EVERY RESPECT WITH THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA) AND ALL RULES AND REGULATIONS NOW OR HEREAFTER IN EFFECT UNDER THIS ACT. THE CONTRACTOR FURTHER AGREES TO COMPLY WITH ANY AND ALL APPLICABLE STATE LAWS AND REGULATIONS PERTAINING TO JOB SAFETY AND HEALTH.
- THE CONTRACTOR SHALL PROTECT AND KEEP THE OWNER (INCLUDING THEIR AGENTS, CONSULTANTS, AND EMPLOYEES) FREE AND HARMLESS FROM ANY AND ALL LIABILITY, PUBLIC OR PRIVATE, PENALTIES, CONTRACTUAL OR OTHERWISE, LOSSES, DAMAGES, COSTS, ATTORNEY'S FEES, EXPENSES, CAUSES OF ACTION, ETC. RESULTING FROM THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AS AMENDED.

HAZARDOUS MATERIALS NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH LOCAL STATE AND FEDERAL REGULATIONS REGARDING TESTING FOR AND DISPOSAL OF HAZARDOUS MATERIALS DURING DEMOLITION.
- HAZARDOUS MATERIAL MEANS ANY SUBSTANCE: (A) THE PRESENCE OF WHICH REQUIRES INVESTIGATION OR REMEDIATION UNDER ANY PRESENT FEDERAL, STATE OR LOCAL STATUTE, REGULATION, ORDINANCE, RULE, CODE, ACTION, POLICY OR COMMON LAW, OR (B) WHICH IS OR BECOMES DEFINED AS A "HAZARDOUS WASTE", "HAZARDOUS SUBSTANCE" POLLUTANT OR CONTAMINANT UNDER ANY PRESENT FEDERAL, STATE OR LOCAL STATUTE, REGULATION, RULE OR ORDINANCE OR AMENDMENTS THERETO INCLUDING, WITHOUT LIMITATION, THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (42 USC SECTIONS 9601 ET SEQ.) AND/OR THE RESOURCE CONSERVATION AND RECOVERY ACT (42 USC SECTIONS 6901 ET SEQ.), OR (C) WHICH IS TOXIC, EXPLOSIVE, CORROSIVE, FLAMMABLE, INFECTIOUS, RADIOACTIVE, CARCINOGENIC, MUTAGENIC, OR OTHERWISE HAZARDOUS AND IS REGULATED BY ANY GOVERNMENTAL AUTHORITY, AGENCY, DEPARTMENT, COMMISSION, BOARD, AGENCY OR INSTRUMENTALITY OF THE UNITED STATES, THE STATE IN WHICH THE PREMISES ARE LOCATED OR ANY POLITICAL SUBDIVISION THEREOF, OR (D) THE PRESENCE OF WHICH ON THE PREMISES CAUSES OR THREATENS TO CAUSE A NUISANCE UPON THE PREMISES OR TO ADJACENT PROPERTIES OR POSES OR THREATENS TO POSE A HAZARD TO THE HEALTH OR SAFETY OF PERSONS ON OR ABOUT THE PREMISES, OR (E) WHICH CONTAINS GASOLINE, DIESEL FUEL, OR OTHER PETROLEUM HYDROCARBONS, OR (F) WHICH CONTAINS POLYCHLORINATED BIPHENYL (PCB'S), ASBESTOS, LEAD OR UREA FORMALDEHYDE FOAM INSULATION.
- CONTRACTOR AND ITS SUBCONTRACTORS SHALL USE, HANDLE, TEST TRANSPORT, AND DISPOSE OF ALL HAZARDOUS MATERIALS (AS DEFINED HEREIN) IN COMPLIANCE WITH ALL CURRENT FEDERAL, STATE AND LOCAL ENVIRONMENTAL, HEALTH OR SAFETY LAW, INCLUDING, BUT NOT LIMITED TO, ALL SUCH STATUTES, REGULATIONS, RULES, ORDINANCES, CODES, AND RULES OF COMMON LAW.
- CONTRACTOR FURTHER AGREES THAT CONTRACTOR AND ITS SUBCONTRACTORS SHALL NOT CAUSE THE DISCHARGE, RELEASE, OR DISPOSAL OF ANY HAZARDOUS MATERIAL CREATED BY ITS WORK ON OR ABOUT THE JOB SITE. IN THE EVENT OF ANY SPILL, RELEASE, OR ANY OTHER REPORTABLE OCCURRENCE, CONTRACTOR SHALL NOTIFY THE APPROPRIATE GOVERNMENTAL AGENCY AND SHALL TAKE SUCH ACTION AS MAY BE NECESSARY TO MINIMIZE THE DELETERIOUS EFFECT OF SUCH A SPILL ON PERSONS OR PROPERTY.

**FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE
PROJECT NOTES**



EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Bluff Road Navarre, Florida 32566 P: (850) 889-8702 F: (850) 889-8702 CERTIFICATE OF AUTHORIZATION: CA-30886		DATE: 5/5/23	REG. FEA. NO. 55393
MUNICIPAL ENGINEERING SERVICES INC.		CHECKED BY: WVP/JJ	DISTRICT: 3
DESIGNED BY: DJL	PROJECT MANAGER: JOHN ROSENAU	SIGNATURE: _____	
DRAWN BY: EMD	DATE: FEBRUARY 2023	SECTION/TOWNSHIP/RANGE: 06/24N/31W	
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PROJECT NUMBER	170001-009		
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SHEET	01	OF	34

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

DEMOLITION AND CLEARING NOTES:

- TREES SLATED FOR PROTECTION SHALL BE MARKED AND TREE PROTECTION BARRICADES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY LAND DISTURBING ACTIVITIES. NO PROTECTED TREES SHALL BE REMOVED, DESTRUCTIVELY DAMAGED, MUTILATED, RELOCATED, DISFIGURED, DESTROYED, CUT DOWN OR EXCESSIVELY PRUNED DURING CONSTRUCTION ACTIVITIES.
- NO GRADING OR CLEARING BY, OR STORAGE OF HEAVY EQUIPMENT SHALL OCCUR WITHIN THE DRIP LINE OF PROTECTED TREES OR WITHIN ENVIRONMENTALLY SENSITIVE AREAS.
- TRENCHING FOR PROPOSED UTILITY IMPROVEMENTS WITHIN THE DRIP LINE OF SPECIMEN TREES TO REMAIN, WILL REQUIRE THE ADVANCED PRE-TREATMENT OF EACH IMPACTED TREE BY A QUALIFIED ARBORIST OR THE LANDSCAPE ARCHITECT TO MINIMIZE THE POTENTIALLY ADVERSE IMPACTS OF CONSTRUCTION. HAND DIGGING MAY BE REQUIRED WITHIN THE DRIP LINE OF PROTECTED TREES.
- WHERE DEMOLITION REQUIREMENTS LEAVE OPEN TRENCHES, PITS OR OTHER VOIDS, PROVIDE CLEAN FILL AND COMPACTION PER THE SPECIFICATIONS, THE GEOTECHNICAL REPORT OR OTHER REQUIREMENTS.
- REMOVAL OF EXISTING PAVED SURFACES INCLUDES REMOVAL OF EXISTING BASE OR SOIL MATERIALS SUFFICIENTLY TO CONSTRUCT THE NEW SURFACE IN ACCORDANCE WITH THE CONSTRUCTION PLANS.
- ALL DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
- ALL ASPHALT AND CONCRETE SHALL BE SAW CUT AT EDGES TO REMAIN. REMAINING EDGES SHALL BE PROTECTED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERNS WHILE REMOVING OR REPAIRING ANY EXISTING STORM DRAINS OR SWALES.
- EXCAVATED MATERIALS (SPOILS) SHALL BE DISPOSED OF AS REQUIRED IN UPLAND AREAS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS. IF SPOILS ARE TO BE STORED ON SITE EITHER TEMPORARILY OR PERMANENTLY, THE STORAGE LOCATION SHALL BE AN UPLAND AREA APPROVED BY THE OWNER AND ENGINEER. THE SPOILS SHALL BE PREVENTED FROM ERODING WITH THE USE OF SILT FENCING AND GRASSING AS APPROPRIATE.

PAVING GRADING AND DRAINAGE NOTES:

- ALL DRAINAGE STRUCTURES ARE TO BE TRAFFIC RATED UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL REINFORCED CONCRETE PIPE (RCP) SHALL BE A MINIMUM CLASS III, UNLESS OTHERWISE APPROVED OR NOTED ON THE PLANS OR SPECIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR GRADING/PAVING ALL ROADWAYS TO DRAIN POSITIVELY IN THE DIRECTION SHOWN BY THE PROPOSED GRADES AND FLOW ARROWS ON THE PLANS. INTERSECTIONS SHALL BE TRANSITIONED TO PROVIDE A SMOOTH DRIVING SURFACE WHILE MAINTAINING POSITIVE DRAINAGE. IF AN AREA OF POOR DRAINAGE IS OBSERVED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO PAVING SO THAT A SOLUTION OR RECOMMENDATION FOR CORRECTION CAN BE MADE.
- ALL STORMWATER JOINTS SHALL BE WRAPPED WITH FILTER FABRIC.

RECORD DRAWING NOTES:

- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD REDLINE DRAWINGS DEPICTING THE AS-BUILT CONDITION AT LEAST TWO (2) WEEKS PRIOR TO REQUESTING A FINAL INSPECTION OF THE WORK TO BE CERTIFIED.
- THE CONTRACTOR SHALL KEEP A DAILY SET OF AS-BUILT DRAWINGS WHILE THE WORK IS BEING DONE IS VISIBLE AND EXPOSED ACCORDING TO THE CRITERIA CONTAINED HEREIN.
- THE OWNER RESERVES THE RIGHT TO REQUIRE THAT THE CONTRACTOR UNCOVER, RE-TEST, AND/OR PERFORM ANY ACTION NECESSARY TO ENSURE THAT THE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING SUFFICIENT AS-BUILT INFORMATION TO CONVEY THAT THE CONSTRUCTION HAS BEEN COMPLETED WITHIN ACCEPTABLE TOLERANCES. AS-BUILT INFORMATION SHALL INCLUDE BUT IS NOT LIMITED TO THE FOLLOWING:

A. STORM DRAINAGE:

- TOP ELEVATION OF EACH STRUCTURE FRAME AND COVER AS WELL AS THE TOP ELEVATION OF ALL HEADWALLS, CONTROL STRUCTURES, ETC.
- INVERT OF EACH LINE ENTERING AND EXITING EACH STRUCTURE.
- INVERTS OF ALL PIPE OUTFALLS.
- PIPE SLOPE (GRADE) BETWEEN STRUCTURES.
- LENGTH OF RUN OF MAIN BETWEEN STORMWATER STRUCTURES (MEASURED FROM CENTER TO CENTER OF STRUCTURE)
- PROVIDE DIMENSIONS AND INVERTS FOR ALL UNDERDRAINS INCLUDING FITTINGS AND CLEANOUTS.
- LOCATE WITH MEASUREMENTS (MINIMUM TWO-POINT TIES) FROM PERMANENT VISIBLE OBJECTS ALL FITTINGS, STUB-OUT, ACCESSORIES, ETC. NOT VISIBLE FROM THE SURFACE.

B. PRESSURE MAINS (WATER AND SEWER):

- ACTUAL LENGTH OF PIPE BETWEEN EACH BRANCH OR VALVE IN RUN.
 - LOCATE ALL FITTINGS WITH MEASUREMENTS (MINIMUM TWO-POINT TIES) FROM PERMANENT VISIBLE OBJECTS ALL FITTINGS, STUB-OUT, ACCESSORIES, ETC. NOT VISIBLE FROM THE SURFACE.
 - LIST THE DEPTH OF LINES AT ALL VALVES, FITTINGS, AND FIRE HYDRANTS.
 - DIMENSIONS WHICH CLEARLY DEMONSTRATE COMPLIANCE WITH MINIMUM SEPARATION DISTANCES OR REQUIRED PIPE UPGRADES (ENCASEMENT).
- CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.

UTILITY NOTES:

- THE LOCATION SHOWN FOR EXISTING UNDERGROUND UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR AGREES TO BE COMPLETELY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES.
 - WATER - MOLINO UTILITIES, INC
MR. RANDY WEAVER
1640 MOLINO ROAD
MOLINO, FL 32577 PH: (850)587-5538
 - ELECTRIC - FLORIDA POWER & LIGHT
MR. DEREK GILMORE
ONE ENERGY PLACE
PENSACOLA, FL 32520 PH: (850)777-9476
 - NATURAL GAS - PENSACOLA ENERGY
MS. DIANE MOORE
1625 ATWOOD DRIVE
PENSACOLA, FL 32514 PH: (850)474-5319
 - TELEPHONE - FRONTIER COMMUNICATIONS
MR. RICKY WASDIN
125 S. ALABAMA AVE
MONROEVILLE, AL 36460 PH: (251)368-9678
 - TELEPHONE - AT&T
MR. TOM MANNING
6689 E. MAGNOLIA STREET
MILTON, FL 32570 PH: (850)623-3521
 - SUNSHINE STATE ONE-CALL
7200 LAKE ELLENOR DRIVE, SUITE 200
ORLANDO, FL 32809 PH: (800)432-4770
- CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.
- UTILITIES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION. NECESSARY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS AND SHALL BE TO THE SATISFACTION OF UTILITY OWNERS.
- MOST IF NOT ALL OF MOLINO UTILITIES WATER METERS AND VALVE BOXES ARE DEPICTED ON PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING SIZE, TYPE, LOCATION, AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFYING THE INVOLVED UTILITY PROVIDERS TO MAKE ANY NECESSARY ARRANGEMENTS FOR RELOCATION, DISRUPTION OF SERVICE OR CLARIFICATION OF ACTIVITY REGARDING SAID UTILITY. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THESE PLANS OR FIELD LOCATED. THE RESPECTIVE UTILITY PROVIDERS SHALL RELOCATE UTILITIES THAT INTERFERE WITH THE PROPOSED CONSTRUCTION AND THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY PROVIDERS DURING RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE CAUSED BY THE INVOLVED UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL NECESSARY ARRANGEMENTS WITH GOVERNMENTAL DEPARTMENTS, PUBLIC UTILITIES, PUBLIC CARRIERS, SERVICE COMPANIES, AND CORPORATIONS OWNING OR CONTROLLING ROADWAYS, RAILWAYS, WATER, SEWER, GAS, ELECTRICAL, TELEPHONE, AND TELEGRAPH FACILITIES, SUCH AS PAVEMENTS, TRACKS, PIPING, WIRES, CABLES, CONDUITS, POLES, GUYS, OR OTHER SIMILAR FACILITIES, INCLUDING INCIDENTAL STRUCTURES CONNECTED THEREWITH THAT ARE ENCOUNTERED IN THE WORK IN ORDER THAT SUCH ITEMS MAY BE PROPERLY SUPPORTED, PROTECTED OR LOCATED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF PRIVATELY (HOMEOWNER) OWNED UNDERGROUND UTILITIES SUCH AS SPRINKLER SYSTEMS, SEPTIC DRAIN LINES, UNDERDRAINS, ETC. THAT ARE DAMAGED OR DESTROYED DURING CONSTRUCTION.
- IN LOCATIONS WHERE CONSTRUCTION IS SHOWN CROSSING EXISTING UTILITIES, THE CONTRACTOR SHALL POTHOLE THE EXISTING UTILITIES TO CONFIRM LOCATION, SIZE AND DEPTH IN ADVANCE OF CONSTRUCTION. CONTRACTOR SHALL USE THE POTHOLE INFORMATION TO PROVIDE THE REQUIRED CLEARANCE BETWEEN THE PROPOSED UTILITY LINE ABOVE OR BELOW THE EXISTING UTILITIES.
- ALL EXISTING VALVE BOX & LIDS SHALL BE RAISED TO FINAL GRADE BY THE CONTRACTOR.
- THE CONTRACTOR IS REQUIRED TO LOCATE AND PROTECT ALL UTILITIES DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
- ALL VALVE BOXES LOCATED OUTSIDE OF PAVED AREAS SHALL BE SET FLUSH IN A CONCRETE COLLAR TO FINISH GRADE. ALL CONCRETE VALVE COLLARS SHALL BE CIRCULAR PRECAST MEMBER WITH A MINIMUM ANNULAR COVERAGE OF 6-INCHES.
- ALL NEW UTILITY MAINS (WATER, GAS OR SANITARY FORCEMAINS) SHALL HAVE A MINIMUM COVER OF 30-INCHES AND A MAXIMUM COVER OF 36-INCHES, UNLESS OTHERWISE NOTED.
- AT TIMES WHEN PIPE INSTALLATION IS NOT IN PROGRESS, THE OPEN ENDS OF THE PIPE SHALL BE CLOSED BY AN APPROVED MEANS AND SHALL REMAIN CLOSED UNTIL CONSTRUCTION OF THAT PARTICULAR SECTION IS RESUMED. NO OPEN TRENCHES WILL BE ALLOWED WHEN PIPE INSTALLATION IS NOT IN PROGRESS. THE TERMINAL JOINT MAY BE LEFT EXPOSED IN AN OPEN TRENCH, PROVIDED ADEQUATE SAFETY BARRICADES ARE INSTALLED BY THE CONTRACTOR.
- CONNECTIONS TO EXISTING WATER AND SEWER FACILITIES SHALL BE COORDINATED WITH

MOLINO UTILITIES AT (850) 587-5538 PRIOR TO MAKING CONNECTIONS. A REPRESENTATIVE OF THE UTILITY SHALL WITNESS ALL CONNECTIONS.


- UTILITY LINES SHALL BE ADJUSTED VERTICALLY GRADUALLY WITHOUT THE USE OF FITTINGS AS REQUIRED TO ACCOMMODATE EXISTING UTILITIES. IF GRADUAL LOWERING IS NOT POSSIBLE, APPROPRIATE FITTINGS AND JOINT RESTRAINT SHALL BE PROVIDED TO AVOID THE EXISTING CONFLICT. NO FITTINGS GREATER THAN 45° WILL BE ALLOWED. SEPARATION SHALL BE A MINIMUM OF 18" UNLESS OTHERWISE NOTED ON THE PLANS. CONTRACTOR SHALL REFERENCE PLAN NOTES AND CONFLICT DETAILS FOR ADDITIONAL GUIDANCE.
- THE CONTRACTOR SHALL PREPARE AND DISTRIBUTE TO ALL HOMEOWNERS A NOTICE NOTIFYING THEM OF THE IMPENDING CONSTRUCTION AT LEAST ONE WEEK IN ADVANCE OF BEGINNING WORK. THE NOTICE SHALL INCLUDE THE RESPONSIBILITIES OF THE HOMEOWNER AND THE CONTRACTOR, AS WELL AS EMERGENCY AND AFTER HOURS CONTACT INFORMATION FOR THE CONTRACTOR. THE NOTICE SHALL BE PREPARED BY THE CONTRACTOR AND PROVIDED TO THE OWNER AND THE ENGINEER FOR APPROVAL PRIOR TO DISTRIBUTION.
- CONTRACTOR SHALL COORDINATE SERVICE OUTAGES RELATED TO WATER MAIN TIE-INS WITH MOLINO UTILITIES STAFF. CONTRACTOR IS ADVISED THAT TIE-INS MAY NEED TO BE MADE OVERNIGHT DURING OFF-PEAK HOURS.

LEGEND:

	SET 60D NAIL	CPP	DENOTES CORRUGATED PLASTIC PIPE
	SET 1/2" DIA RED CAPPED IRON ROD (No. 7916)	(D)	DENOTES DEED INFORMATION
	FOUND 4"x4" CONCRETE MONUMENT WITH PUNCHHOLE	DIA	DENOTES DIAMETER
	FOUND 3" DIA ROUND CONCRETE MONUMENT (UNNUMBERED)	ECMP	DENOTES ELLIPTICAL CORRUGATED METAL PIPE
	SET BENCHMARK	EL	DENOTES ELEVATION
	DENOTES SECTION NUMBER	EOP	DENOTES EDGE OF PAVEMENT
	DENOTES WOOD UTILITY POLE	(D)	DENOTES FIELD INFORMATION
	DENOTES GUY WIRE ANCHOR	MPH	DENOTES MILES PER HOUR
	DENOTES METAL LIGHT POLE	No.	DENOTES NUMBER
	DENOTES MAILBOX	(P)	DENOTES PLAT INFORMATION
	DENOTES SINGLE SUPPORT SIGN	RCP	DENOTES REINFORCED CONCRETE PIPE
	DENOTES AIR CONDITIONER UNIT	R/W	DENOTES RIGHT-OF-WAY
	DENOTES TELEPHONE PEDESTAL		EXISTING DIRT ROAD
	DENOTES FIRE HYDRANT		EXISTING ASPHALT ROAD
	DENOTES WATER METER		EXISTING CONCRETE DRIVEWAY
	DENOTES WATER VALVE		EXISTING GRAVEL DRIVEWAY
	DENOTES WELL PUMP		EXISTING DIRT DRIVEWAY
	DENOTES GAS TANK		EXISTING GRASS DRIVEWAY
	DENOTES 4"x4" WOOD POST		EXISTING DIRT DRIVEWAY
	DENOTES TREE (SIZE AND TYPE NOTED)		EXISTING GRASS DRIVEWAY
	DENOTES UTILITY SPOT LOCATION		EXISTING DIRT DRIVEWAY
	DENOTES WETLAND FLAG LOCATION		EXISTING GRASS DRIVEWAY
	DENOTES SPOT ELEVATION		EXISTING DIRT DRIVEWAY
	DENOTES ELEVATION CONTOUR LINE AT ONE FOOT INTERVALS		EXISTING GRASS DRIVEWAY
	DENOTES CHAIN LINK FENCE		EXISTING DIRT DRIVEWAY
	DENOTES WIRE FENCE		EXISTING GRASS DRIVEWAY
	DENOTES CHAIN LINK FENCE WITH BARBED WIRE		EXISTING DIRT DRIVEWAY
	DENOTES OVERHEAD UTILITIES		EXISTING GRASS DRIVEWAY
	DENOTES BURIED WATER LINE, SIZE AND PIPE MATERIAL		EXISTING DIRT DRIVEWAY
	DENOTES TREE LINE		EXISTING GRASS DRIVEWAY
	DENOTES WETLAND LINE BOUNDARY		EXISTING DIRT DRIVEWAY
	DENOTES RIGHT OF WAY		EXISTING GRASS DRIVEWAY

PROPOSED LEGEND:

	STORM PIPE		FLAT BOTTOM SWALE
	ASPHALT PAVEMENT		V-BOTTOM SWALE
	CONCRETE PAVEMENT		V-BOTTOM SWALE OVER STORM PIPE
	TREE REMOVAL		RELOCATED WATER METER
	TREE PROTECTION		
	RELOCATED MAILBOX		
	RELOCATED SIGN		
	HAY BALE		
	SILT FENCE		



**FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE**

PROJECT NOTES & LEGEND

MUNICIPAL ENGINEERING SERVICES INC
8874 Turkey Buffet Road
Neville, Florida 32566
P: (850) 849-8732

EXCELLENCE IN ENGINEERING SERVICE
8874 Turkey Buffet Road
Neville, Florida 32566
P: (850) 849-8732
CERTIFICATE OF AUTHORIZATION: CA-30886

DESIGNED BY: WVP/JJ	CHECKED BY: WVP/JJ	DATE: 5/5/23
DRAWN BY: DJL	PROJECT MANAGER: JOHN ROSENAU	DISTRICT: 3
DATE: FEBRUARY 2023	SECTION: TOWNSHIP RANGE	DATE PLOTTED: 06/28/23
FIELD BOOK: PAGES: 38	PROJECT NUMBER: 170001-009	
PROJECT NUMBER: 170001-009	SURVEY NUMBER: L-6217	
SHEET: 02	OF: 34	


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

UTILITY CONFLICT MATRIX						
Conflict #	Utility Owner	Station	Offset	Utility	Conflict Description	Recommended Resolution
1	Molino Utilities	0+41	0'	Potable Water 8" PVC	Existing water main will be under new roadway	Locate and Protect
2	Molino Utilities	0+41 to 21+64	Left of CL	2" Water Main	Existing water main will be under new roadway	Move waterline out from under future asphalt and transfer water services to new line
3	FPL/ATT	0+44	17' R	Utility Pole and Telephone Junction Box	Pole and TJB are within the clear zone	Relocate pole to right-of-way line (confirm)
4	FPL	2+90	10' L	Utility Pole	Pole is within the roadway	Relocate pole to right-of-way line
5	FPL	3+82	12' R	Utility Pole	Pole is within the roadway clear zone	Relocate pole to right-of-way line
6	FPL	5+48	10' R	Utility Pole	Pole is within the roadway	Relocate pole to right-of-way line
7	ATT	5+58	10' R	Telephone Junction Box (TJB)	TJB is within the roadway	Relocate TJB to right-of-way line
8	Molino Utilities	5+69	0'	Water Service and Meter	Water service crosses proposed drainage	Water Service Transfer, ensure that water service is below future swale/pipe bottom elevation
9	FPL	7+29	10' R	Utility Pole	Pole is within the roadway	Relocate pole to right-of-way line
10	Molino Utilities	7+73	0'	Water Service and Meter	Water service crosses proposed drainage	Water Service Transfer, ensure that water service is below future swale/pipe bottom elevation
11	FPL	8+35	11' R	Utility Pole	Pole is within the roadway	Relocate pole to right-of-way line
12	Molino Utilities	9+84	0'	Water Service and Meter	Water service crosses proposed drainage	Water Service Transfer, ensure that water service is below future swale/pipe bottom elevation
13	FPL	10+82	13' R	Utility Pole	Pole is within the roadway clear zone	Relocate pole to right-of-way line
14	Molino Utilities	11+10	0'	Water Service and Meter	Water service crosses proposed drainage	Water Service Transfer, ensure that water service is below future swale/pipe bottom elevation
15	ATT	12+63	15' R	Telephone Junction Box (TJB)	TJB is within the roadway	Relocate TJB to right-of-way line
16	Molino Utilities	14+24	0'	Water Service and Meter	Water service crosses proposed drainage	Water Service Transfer, ensure that water service is below future swale/pipe bottom elevation
17	FPL	14+24	15' R	Utility Pole	Pole is within the roadway clear zone	Relocate pole to right-of-way line (confirm)
18	Molino Utilities	16+77	0'	Water Service and Meter	Water service crosses proposed drainage	Water Service Transfer, ensure that water service is below future swale/pipe bottom elevation
19	ATT	17+06	14' R	Telephone Junction Box (TJB)	TJB is within the roadway clear zone	Relocate TJB to right-of-way line (confirm)
20	Molino Utilities	17+10	0'	Water Service and Meter	Water service crosses proposed drainage	Water Service Transfer, ensure that water service is below future swale/pipe bottom elevation
21	Molino Utilities	17+56	0'	Water Service and Meter	Water service crosses proposed drainage	Water Service Transfer, ensure that water service is below future swale/pipe bottom elevation
22	FPL	17+85	14' R	Utility Pole	Pole is within the roadway clear zone	Relocate pole to right-of-way line (confirm)
23	Molino Utilities	18+72	0'	Water Service and Meter	Water service crosses proposed drainage	Water Service Transfer, ensure that water service is below future swale/pipe bottom elevation
24	Molino Utilities	19+41	0'	Water Service and Meter	Water service crosses proposed drainage	Water Service Transfer, ensure that water service is below future swale/pipe bottom elevation
25	Molino Utilities	20+61	0'	Water Service and Meter	Water service crosses proposed drainage	Water Service Transfer, ensure that water service is below future swale/pipe bottom elevation
26	FPL	20+79	11' R	Utility Pole and Guy Anchor	Pole and guy are within the roadway	Relocate pole and guy to right-of-way line
27	ATT	12+06	16' R	Telephone Junction Box (TJB)	TJB is within the roadway	Relocate TJB to right-of-way line
28	Molino Utilities	21+30	0'	Water Service and Meter (3 EA)	Water service crosses proposed drainage (3 EA)	Water Service Transfer, ensure that water service is below future swale/pipe bottom elevation (3 EA)
29	Molino Utilities	21+37	6' L	Flush Stand	Flush Stand is located in the proposed driveway	Remove flush stand

FOUR STAR FARM ROAD

DIRT ROAD PAVING & DRAINAGE

BID ITEMS AND CONFLICT MATRIX



EXCELLENCE IN ENGINEERING SERVICE
 8974 Turkey Bird Road
 Navarre, Florida 32566
 P: (850) 869-8702

REG. FLA. ENG. NO. 55393
 DATE: 5/5/93

MUNICIPAL ENGINEERING SERVICES INC.
 CERTIFICATE OF AUTHORIZATION: CA-30886

CHECKED BY: WVP/JJ
 DISTRICT: 5

DRAWN BY: EMD
 DATE: FEBRUARY 2023
 FIELD BOOK: PAGES: PB-306/P2-1-33

DESIGNED BY: DJL
 PROJECT MANAGER: JOHN ROSENAU
 SECTION: TOWNSHIP RANGE 06/2N/31W

DATE: APPROVED BY:

DATE: APPROVED BY:

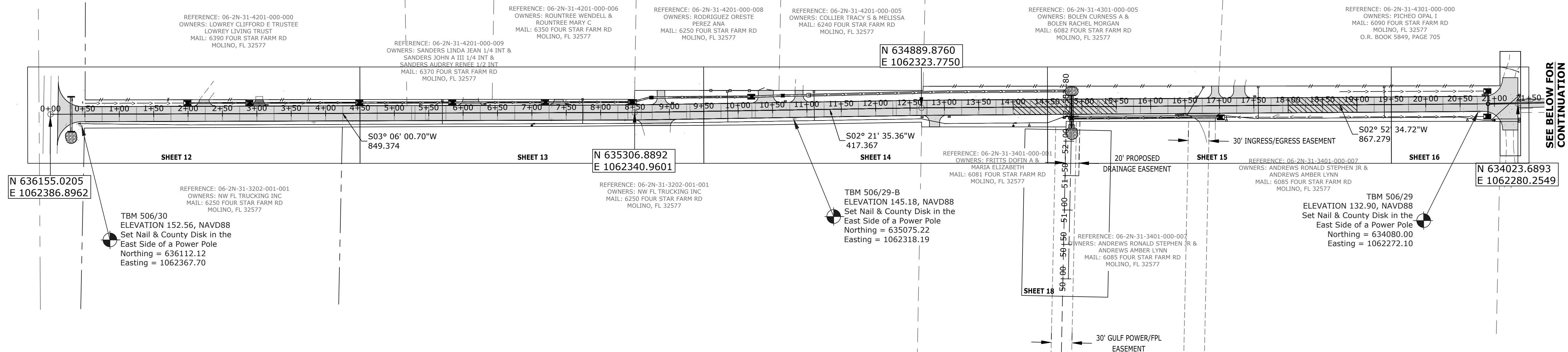
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PROJECT NUMBER: 170001-009

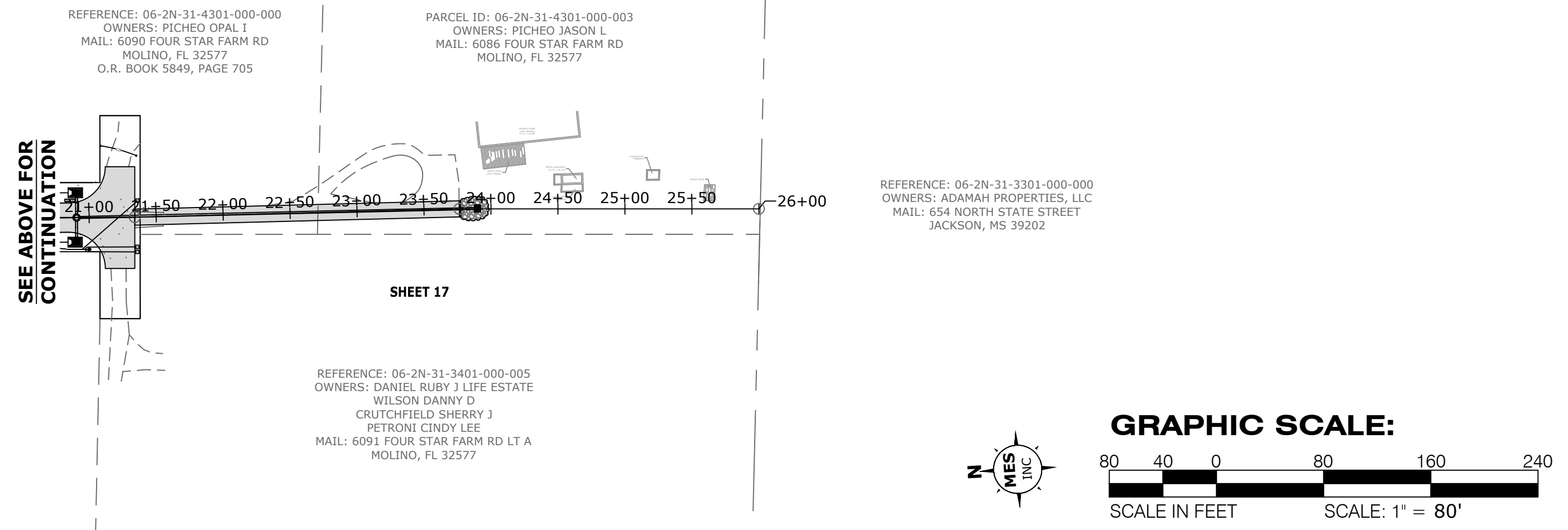
SURVEY NUMBER: L-6217

SHEET 04 OF 34

PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	CORRECT (Green Highlighter) Change (Red Pen)	DATE	ORIGINATOR (QR)	CORRECT (Blue Highlighter)	DATE	ORIGINATOR (QR)	CORRECT (Pink Highlighter)	DATE
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- SURVEY NOTES:**
- MEASUREMENTS WERE MADE IN ACCORDANCE WITH THE UNITED STATES STANDARD FOOT.
 - BASIS OF BEARINGS REFERENCE: GRID NORTH AND THE GRID BEARINGS SHOWN HEREON ARE BASED ON THE FOLLOWING:
 - PROJECTION ZONE: FLORIDA NORTH (STATE PLANE)
 - PROJECTION TYPE: LAMBERT CONFORMAL CONIC
 - DATUM: NORTH AMERICAN DATUM OF 1983 WITH A DATUM TAG OF 2011 (NAD83 (2011))
 - THE VERTICAL ELEVATIONS AS SHOWN HEREON ARE REFERENCED TO FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) VERTICAL CONTROL NETWORK AND ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
 - TO ENSURE THAT ANY CONTRACTOR, ENGINEER, OR SURVEYOR IS ON THE SAME VERTICAL DATUM, IT IS IMPERATIVE THAT THEY USE THE BENCHMARKS AND ELEVATIONS SHOWN HEREON. IN ADDITION, A CHECK BETWEEN BENCHMARKS NEEDS TO BE PERFORMED TO VERIFY THAT NO ONE BENCHMARK HAS BEEN DISTURBED.
 - THE HORIZONTAL POSITIONS SHOWN HEREON WERE DERIVED FROM THE UTILIZATION OF A TOPCON HIPER V REAL TIME KINEMATIC (RTK) GLOBAL POSITIONING SYSTEM (GPS DUAL FREQUENCY RECEIVER IN RTK MODE UTILIZING THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) FLORIDA PERMANENT REFERENCE NETWORK (FPRN). PERIODIC CHECKS INTO KNOWN HORIZONTAL CONTROL WITH PUBLISHED COORDINATES WERE PERFORMED TO ENSURE THE QUALITY OF THE DATA BEING COLLECTED.
 - JOSEPH BARRETT, FLORIDA PROFESSIONAL SURVEYOR AND MAPPER DID NOT PERFORM A TITLE SEARCH, NOR HAS A TITLE SEARCH BEEN PROVIDED. THEREFORE, THE TOPOGRAPHIC SURVEY SHOWN HEREON IS SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.
 - LANDS SHOWN HEREON WERE NOT ABSTRACTED BY JOSEPH BARRETT, FLORIDA PROFESSIONAL SURVEYOR AND MAPPER, AND IS, THEREFORE, SUBJECT TO DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHT-OF-WAYS, BUILDING SETBACKS, RESTRICTIVE COVENANTS, OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.
 - LOCATIONS ARE LIMITED TO VISUAL IMPROVEMENTS ONLY.
 - NO EXISTING IMPROVEMENTS WERE LOCATED OTHER THAN THOSE SHOWN HEREON.
 - THIS SURVEY DOES NOT REFLECT, DETERMINE, OR GUARANTEE OWNERSHIP.
 - NO ATTEMPT WAS MADE TO LOCATE ANY UNDERGROUND FOUNDATIONS, SEPTIC/DRAIN FIELDS, UNDERGROUND UTILITIES, OR OVERHEAD UTILITIES.
 - NO ATTEMPT WAS MADE TO LOCATE WRITTEN OR UNWRITTEN EASEMENTS OR RIGHT OF WAYS OTHER THAN THOSE SHOWN HEREON.
 - ANY ITEM SHOWN HEREON AND DESIGNATED AS "FOR ILLUSTRATIVE PURPOSES ONLY", HAS NOT BEEN FIELD VERIFIED BY THE UNDERSIGNED, AND IS FOR VISUAL REPRESENTATION ONLY.
 - NO BOUNDARY SURVEY WAS PERFORMED FOR, OR DURING, THIS TOPOGRAPHIC SURVEY. RIGHT OF WAY AND PARCEL LINES ARE BASED ON THE ESCAMBIA COUNTY PROPERTY APPRAISER'S MAPS; FIELD MONUMENTATION; AND DEEDS OF RECORD.
 - ADDITIONS OR DELETIONS TO SURVEY MAP(S) OR REPORT(S) BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTIES.
 - THE TOPOGRAPHIC SURVEY MAP AND REPORT OR COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
 - THE TOPOGRAPHIC SURVEY AND REPORT ARE NOT FULL AND COMPLETE WITHOUT THE OTHER.
 - NO OTHER PERSON(S) AND/OR ENTITY(IES) OTHER THAN THOSE CERTIFIED TO ABOVE MAY USE THIS TOPOGRAPHIC SURVEY OR COPIES THEREOF, FOR ANY REASON WHATSOEVER, WITHOUT THE PRIOR WRITTEN CONSENT OF THE UNDERSIGNED.
 - THE OFFICIAL RECORD OF THIS SURVEY IS THE ORIGINAL SIGNED AND SEALED PAPER VERSION. ANY ELECTRONIC VERSION(S) IS NOT VALID UNLESS IT IS IDENTICAL IN ALL FORMS AND RESPECTS TO THE ORIGINAL SIGNED AND SEALED PAPER VERSION. THE ONUS OF COMPARISON IS PLACED ON THE USER OF THE ELECTRONIC VERSION.
 - DOCUMENTS USED IN THE PREPARATION OF THIS TOPOGRAPHIC SURVEY: DEEDS OF RECORD AND ESCAMBIA COUNTY PROPERTY APPRAISER'S MAPS.

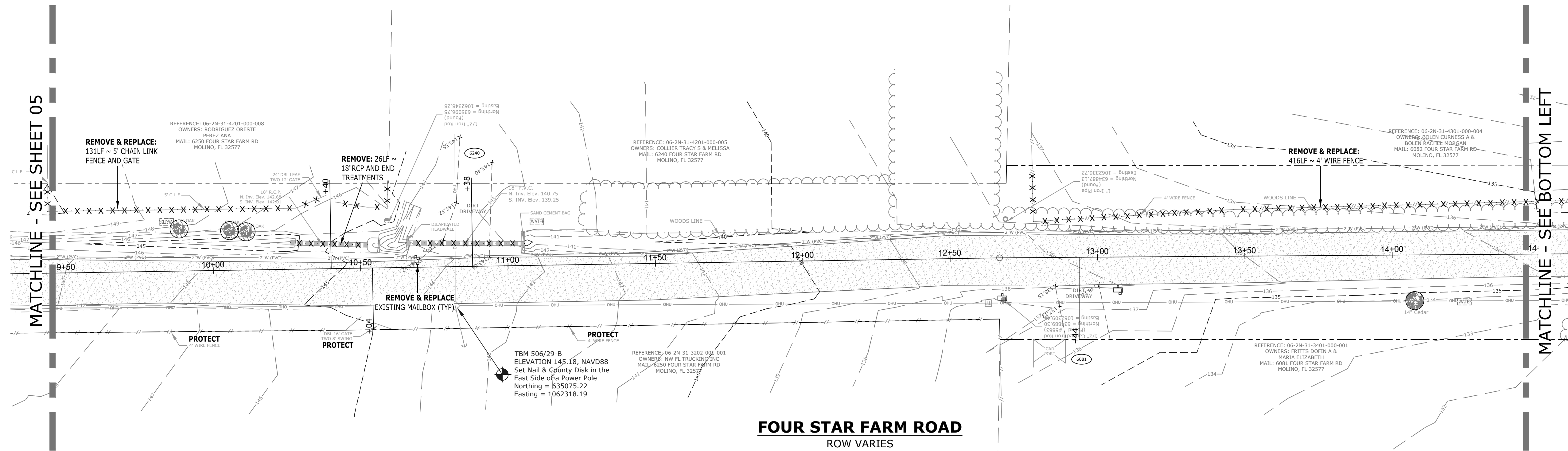


FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE
OVERALL PROJECT LAYOUT
& KEY SHEET

	EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Bluff Road Navarre, Florida 32566 P: (850) 889-8732 F: (850) 889-8732	REG. FLA. ENG. NO. 55393	DATE 02/21/23
	AUTHORITY OF AUTHORIZATION: CA-30886	CHECKED BY WVP/JJ	SIGNATURE DATE & LOCATION
DESIGNED BY DJL	PROJECT MANAGER JOHN ROSENAU	DISTRICT 3	DRAWN BY EMD
DATE FEBRUARY 2023	FIELD BOOKS/PAGES PB-8067/P21-33		

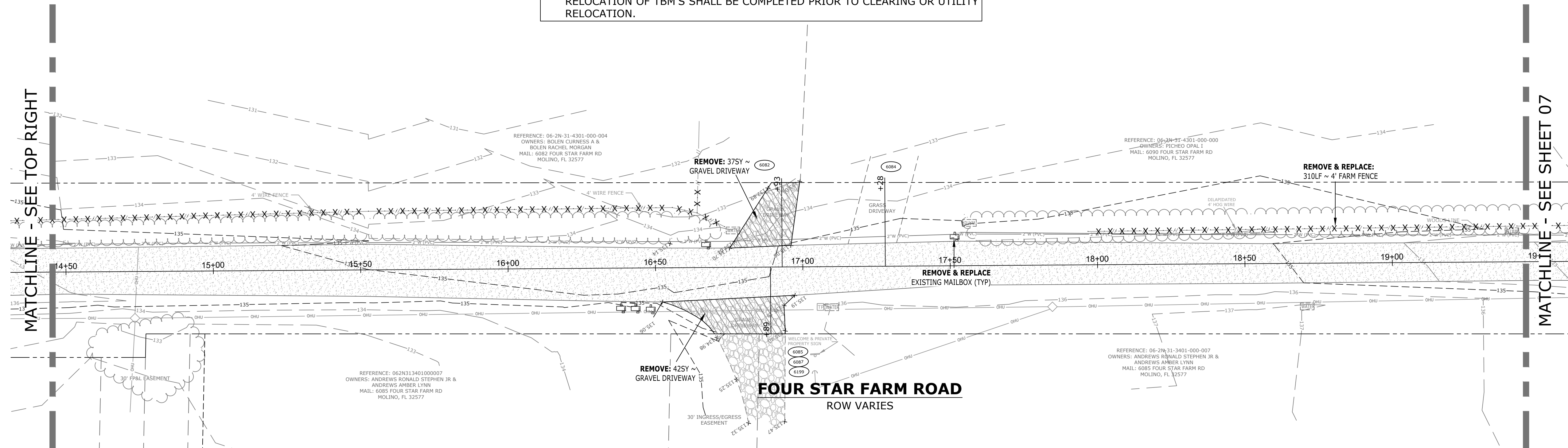
DRAWING NUMBER	C-100
PROJECT NUMBER	170001-009
SURVEY NUMBER	L-6217
SHEET	06 OF 34

PHASE	REVIEW	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	APPROVED BY	REVISIONS
	SIGNATURE:					
VERIFICATION, CHECKER (QR)	(Blue Highlighter)	ORIGINATOR (QR)	Correct (Green Highlighter) Change (Red Pen)	DATE	 GRAPHIC SCALE:  SCALE IN FEET SCALE: 1" = 20'	 GRAPHIC SCALE:  SCALE IN FEET SCALE: 1" = 20'
	REMARK INCORPORATION (Blue Highlighter)	CHECKER (RP)	(Red Pen X-Out to Diagnose or Remark)	DATE		
	ORIGINATOR VERIFICATION (Pink Highlighter)	CHANGE INCORPORATION (Yellow Highlighter)		DATE		




FOUR STAR FARM ROAD
ROW VARIES

- NOTES:**
1. WHILE NOT SHOWN ON THE PLANS FOR CLARITY, THE CONTRACTOR SHALL INSTALL SILT FENCE ALONG THE PROJECT LIMITS AS REQUIRED TO CONTROL SEDIMENTATION.
 2. ALL EXISTING MAILBOXES SHALL BE RELOCATED TO THE NEW EDGE OF PAVEMENT PER THE GENERAL NOTES. NEW LOCATION SHALL BE COORDINATED WITH THE RESIDENT.
 3. THE CONTRACTOR WILL BE RESPONSIBLE FOR RELOCATING TBM'S FROM TREES AND UTILITY POLE TO OTHER PERMANENT LOCATIONS AS REQUIRED. RELOCATION OF TBM'S SHALL BE COMPLETED PRIOR TO CLEARING OR UTILITY RELOCATION.



FOUR STAR FARM ROAD
ROW VARIES

FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE
DEMOLITION & EROSION
CONTROL PLAN



EXCELLENCE IN ENGINEERING SERVICE
8674 Turkey Bluff Road
Neville, Florida 32566
P: (850) 869-5732
F: (850) 869-5732
CERTIFICATE OF AUTHORIZATION: CA-30886

REG. FLA. ENG. NO. 55393
DATE: FEBRUARY 2023
FIELD BOOK PAGES: 13

DRAWN BY: WVP/JJ
CHECKED BY: WVP/JJ
DISTRICT: 5

SIGNATURE: DATE: 06/28/23

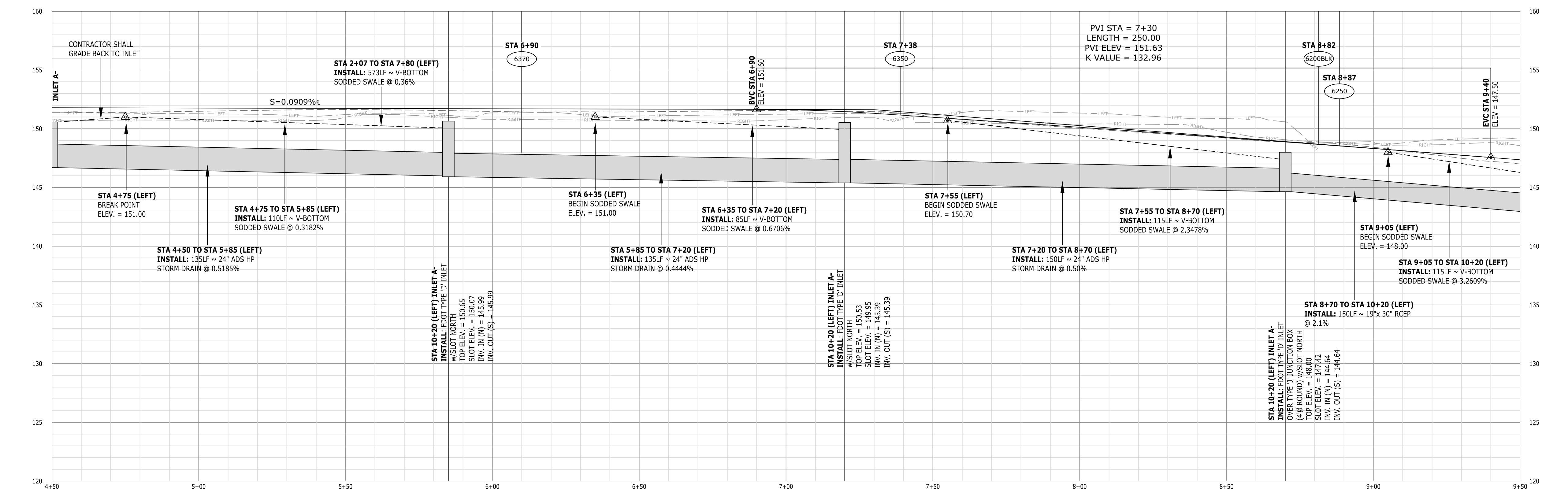
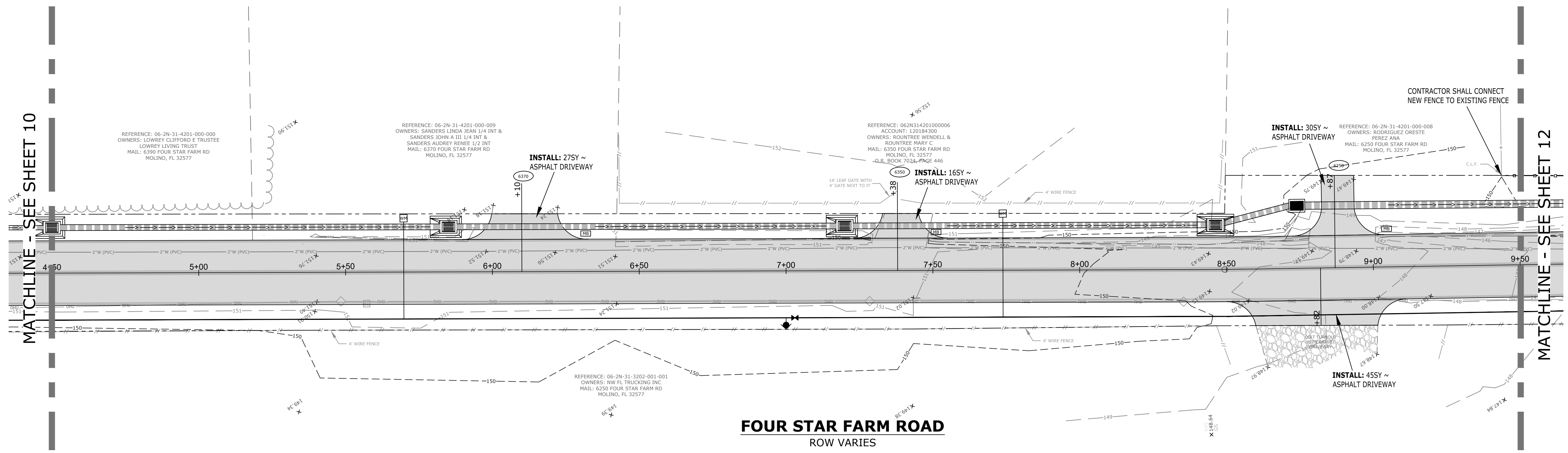
SECTION: TOWNSHIP/RANGE
06/28/23

PROJECT NUMBER: C-201
PROJECT NUMBER: 170001-009
SURVEY NUMBER: L-6217

NUMBER

SHEET 08 OF 34

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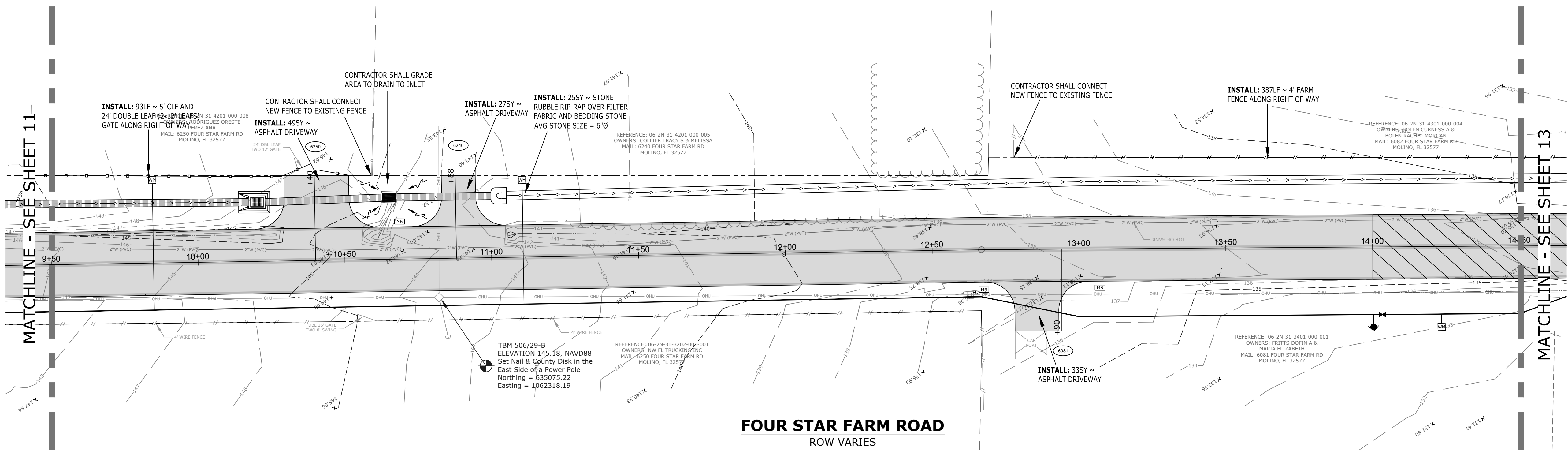


FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE
PLAN & PROFILE



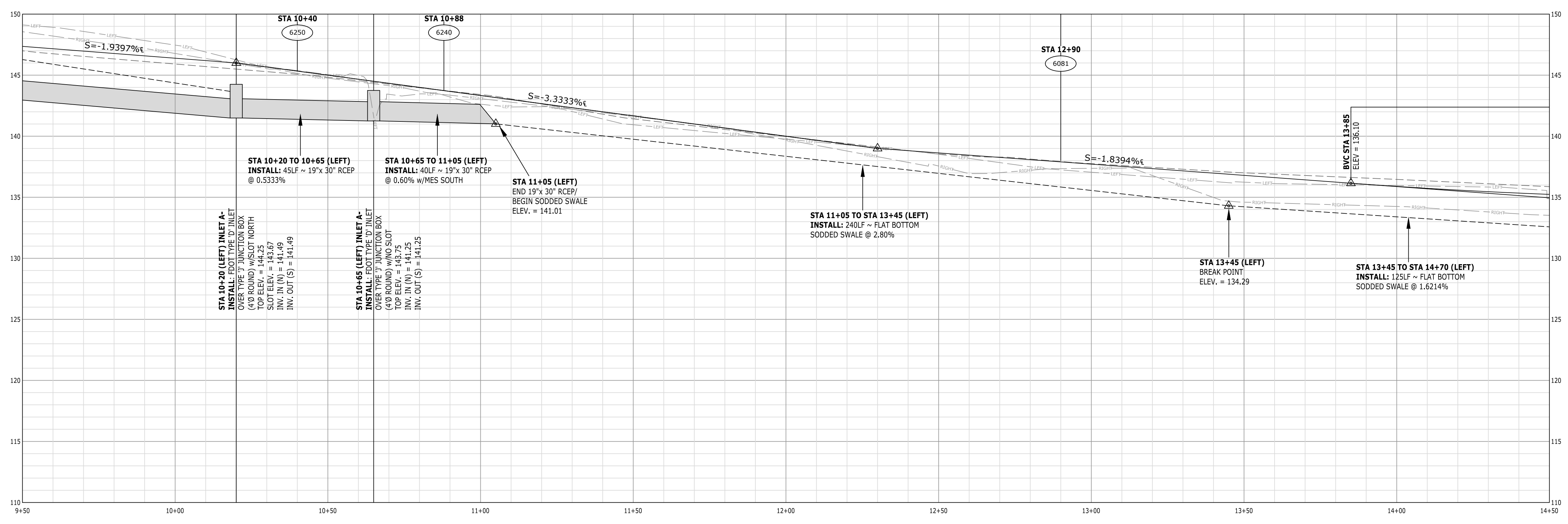
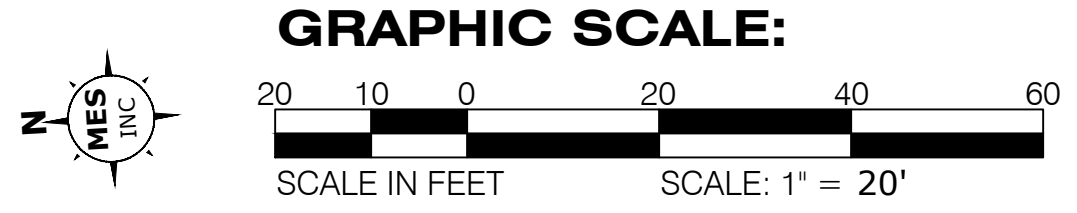
EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Buft Road Navarre, Florida 32566 P: (850) 889-8732 F: (850) 889-8732		REG. FLA. ENG. NO. 55393	DATE 5/5/23
MUNICIPAL ENGINEERING SERVICES INC. CERTIFICATE OF AUTHORIZATION: CA-30886		CHECKED BY: WVP/JJ	DISTRICT 3
DESIGNED BY: DIE	PROJECT MANAGER: JOHN ROSENAU	SECTION/TOWNSHIP/RANGE 06/2N/31W	SIGNATURE: DATE: 5/5/23
DRAWN BY: EMD	DATE: FEBRUARY 2023	FIELD BOOK: PAGES: PB-3087P1-13	DATE PLOTTED: 5/5/23
REVISIONS	DATE	APPROVED BY:	
DRAWING NUMBER	C-301		
PROJECT NUMBER	170001-009		
SURVEY NUMBER	L-6217		
SHEET	11	OF	34

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



FOUR STAR FARM ROAD
ROW VARIES

- NOTES:**
- CONTRACTOR SHALL COORDINATE ALL OUTAGES, CONFLICTS AND CONNECTIONS TO EXISTING WATER SYSTEM WITH MOLINO UTILITIES - RANDY WEAVER - (850) 336-3057.
 - EXISTING WATER SERVICES SHALL BE RELOCATED TO THE RIGHT-OF-WAY. THE CONTRACTOR SHALL COORDINATE THIS EFFORT WITH THE UTILITY.
 - THE CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES NOT SPECIFICALLY SHOWN TO BE RELOCATED.
 - WATER SERVICES THAT NEED TO BE RELOCATED TO THE RIGHT-OF-WAY OR OUT OF THE WAY OF THE PROPOSED CONSTRUCTION SHALL BE RENEWED WITH NEW 1" TUBING, AS WELL AS SERVICE SADDLE, TAP AND CORPORATION STOP. EXISTING SERVICE TO BE ABANDONED SHALL BE REMOVED FROM END OF CORPORATION STOP. CORPORATION STOP SHALL BE CLOSED AND PLUGGED WITH A BRASS PLUG.



LEGEND:

EXISTING CENTERLINE GRADE	-----
EXISTING 25' O/S LEFT GRADE	----- LEFT
EXISTING 25' O/S RIGHT GRADE	----- RIGHT
PROPOSED CENTERLINE GRADE	-----
PROPOSED RIGHT DITCH	-----
PROPOSED LEFT DITCH	-----

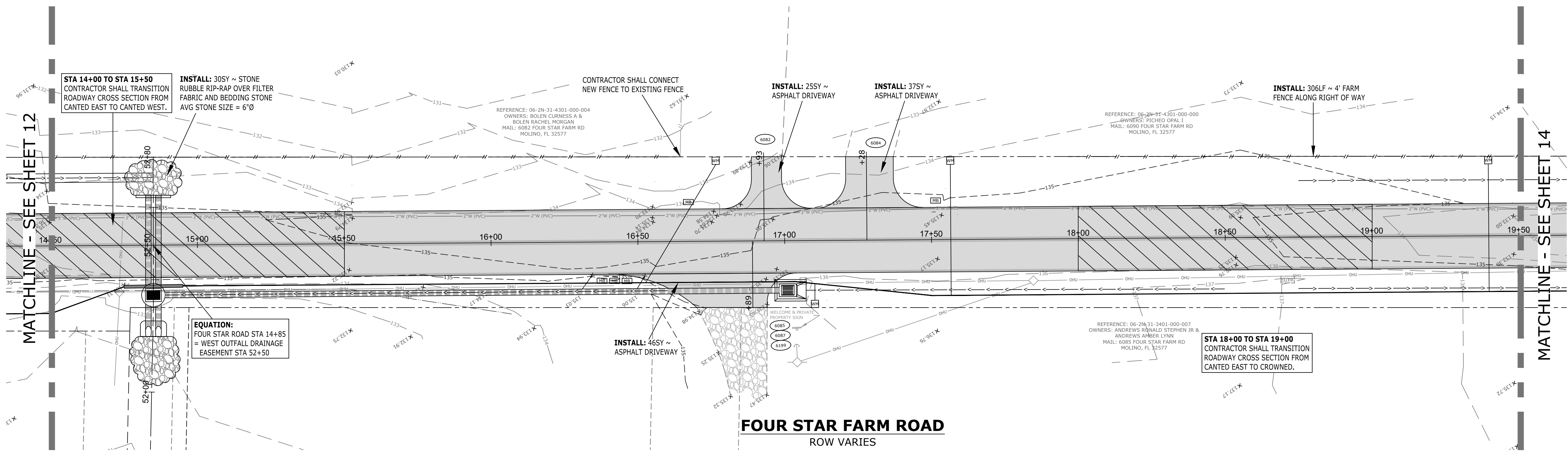
PROFILE
SCALE: HOR. : 1" = 20'
SCALE: VER. : 1" = 5'

FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE
PLAN & PROFILE

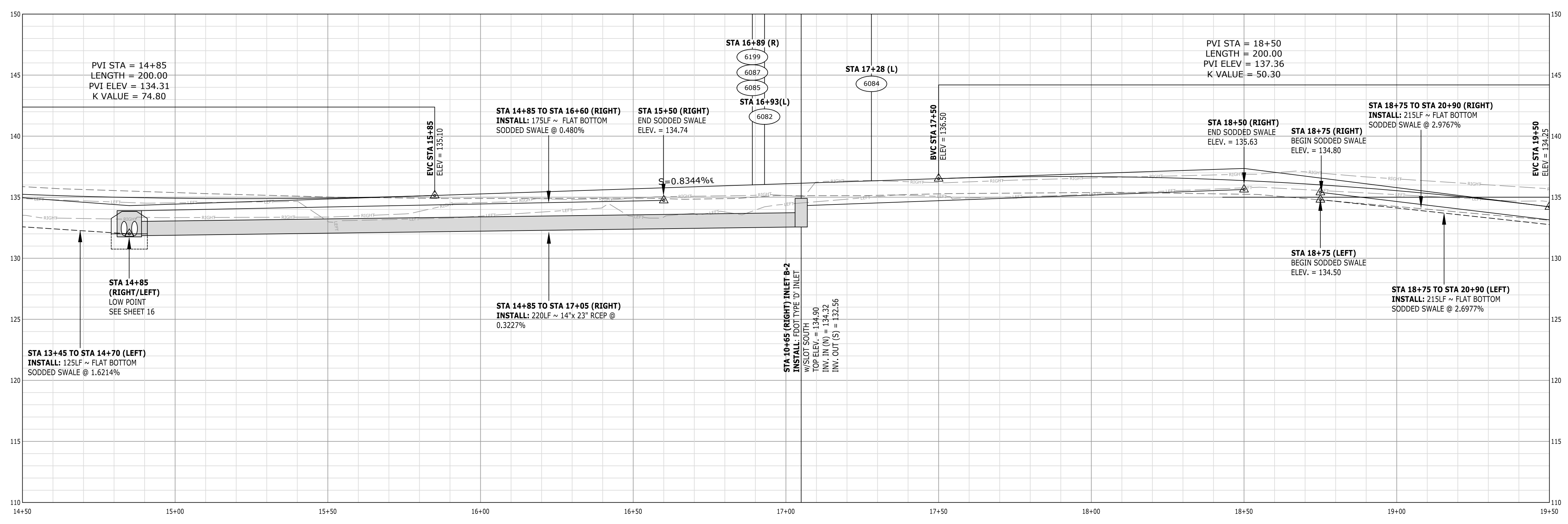
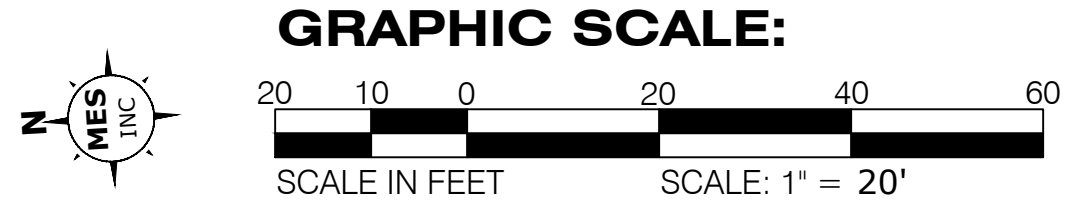


EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Butt Road Navarre, Florida 32566 P: (850) 889-8732 F: (850) 889-8732 REG. FEA. NO. 0628317 CERTIFICATE OF AUTHORIZATION: CA-30886	
DESIGNED BY:	WVP/JJ
CHECKED BY:	WVP/JJ
DRAWN BY:	EMD
DATE:	FEBRUARY 2023
PROJECT MANAGER:	JOHN ROSENAU
DISTRICT:	3
SECTION/TOWNSHIP/RANGE:	06/2N/31W
SIGNATURE:	
DATE & LOCATION:	
DRAWING NUMBER:	C-302
PROJECT NUMBER:	170001-009
SURVEY NUMBER:	L-6217
SHEET:	12 OF 34

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



- NOTES:**
- CONTRACTOR SHALL COORDINATE ALL OUTGAGES, CONFLICTS AND CONNECTIONS TO EXISTING WATER SYSTEM WITH MOLINO UTILITIES - RANDY WEAVER - (850) 336-3057.
 - EXISTING WATER SERVICES SHALL BE RELOCATED TO THE RIGHT-OF-WAY. THE CONTRACTOR SHALL COORDINATE THIS EFFORT WITH THE UTILITY.
 - THE CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES NOT SPECIFICALLY SHOWN TO BE RELOCATED.
 - WATER SERVICES THAT NEED TO BE RELOCATED TO THE RIGHT-OF-WAY OR OUT OF THE WAY OF THE PROPOSED CONSTRUCTION SHALL BE RENEWED WITH NEW 1" TUBING, AS WELL AS SERVICE SADDLE, TAP AND CORPORATION STOP. EXISTING SERVICE TO BE ABANDONED SHALL BE REMOVED FROM END OF CORPORATION STOP. CORPORATION STOP SHALL BE CLOSED AND PLUGGED WITH A BRASS PLUG.



LEGEND:

EXISTING CENTERLINE GRADE	---
EXISTING 25' O/S LEFT GRADE	---
EXISTING 25' O/S RIGHT GRADE	---
PROPOSED CENTERLINE GRADE	---
PROPOSED RIGHT DITCH	---
PROPOSED LEFT DITCH	---

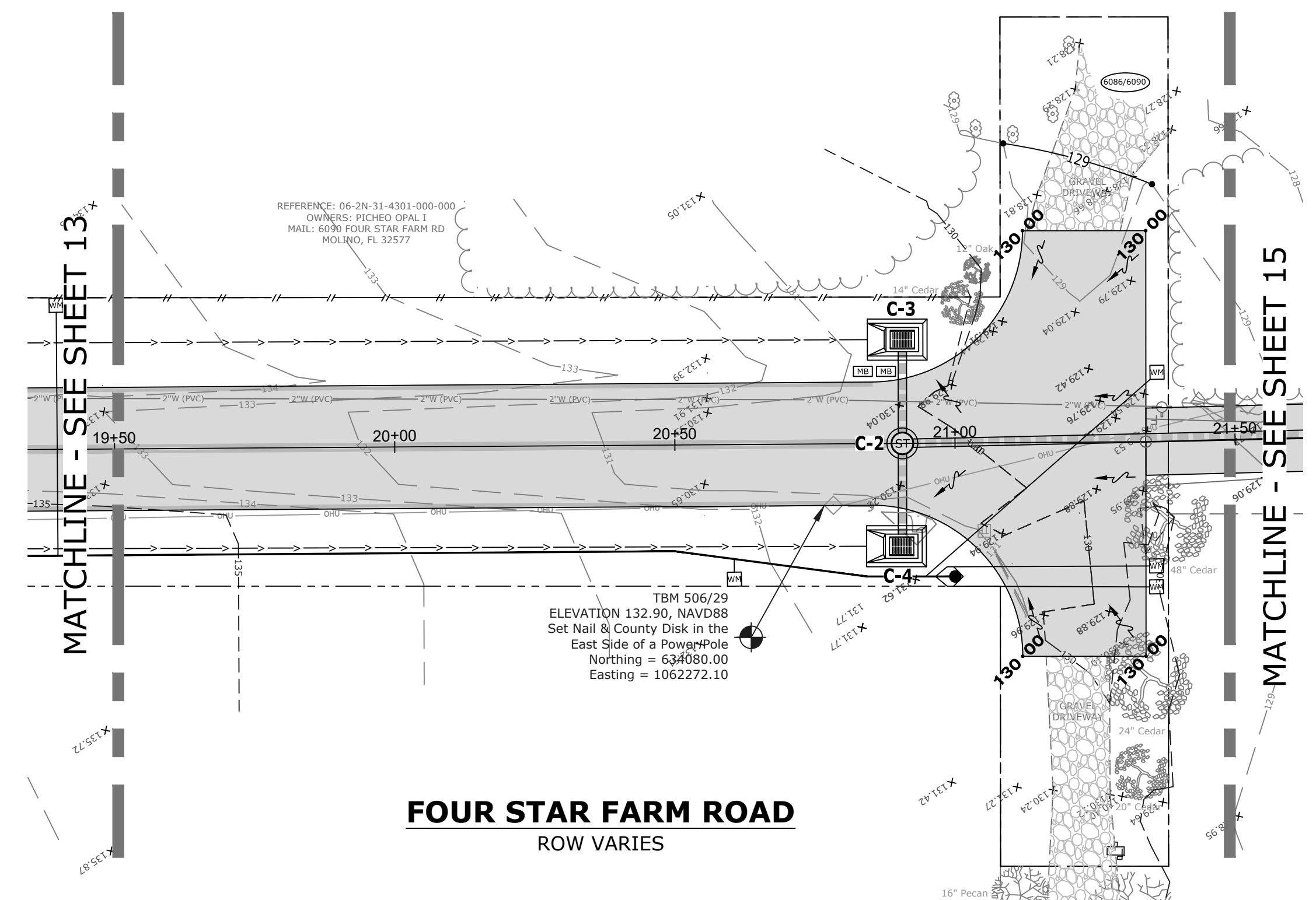
PROFILE
 SCALE: HOR. : 1" = 20'
 VER. : 1" = 5'

FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE

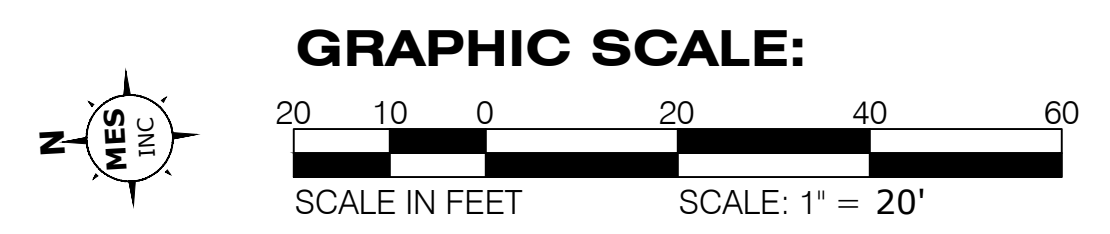
PLAN & PROFILE

EXCELLENCE IN ENGINEERING SERVICE MUNICIPAL ENGINEERING SERVICES INC. 8874 Turkey Bluff Road Navarre, Florida 32566 P: (850) 894-8732 F: (850) 894-8732 REG. FLA. ENG. NO. 55393 CERTIFICATE OF AUTHORIZATION: CA-30886		DATE: _____ CHECKED BY: _____ DESIGNED BY: _____ DRAWN BY: _____ DATE: FEBRUARY 2023 FIELD BOOK PAGES: PB-3067P1-13	PROJECT: _____ DISTRICT: _____ PROJECT MANAGER: JOHN ROSENAU SECTION: TOWNSHIP RANGE 06-2N-31W
DRAWING NUMBER: C-303 PROJECT NUMBER: 170001-009 SURVEY NUMBER: L-6217	SHEET 13 OF 34		

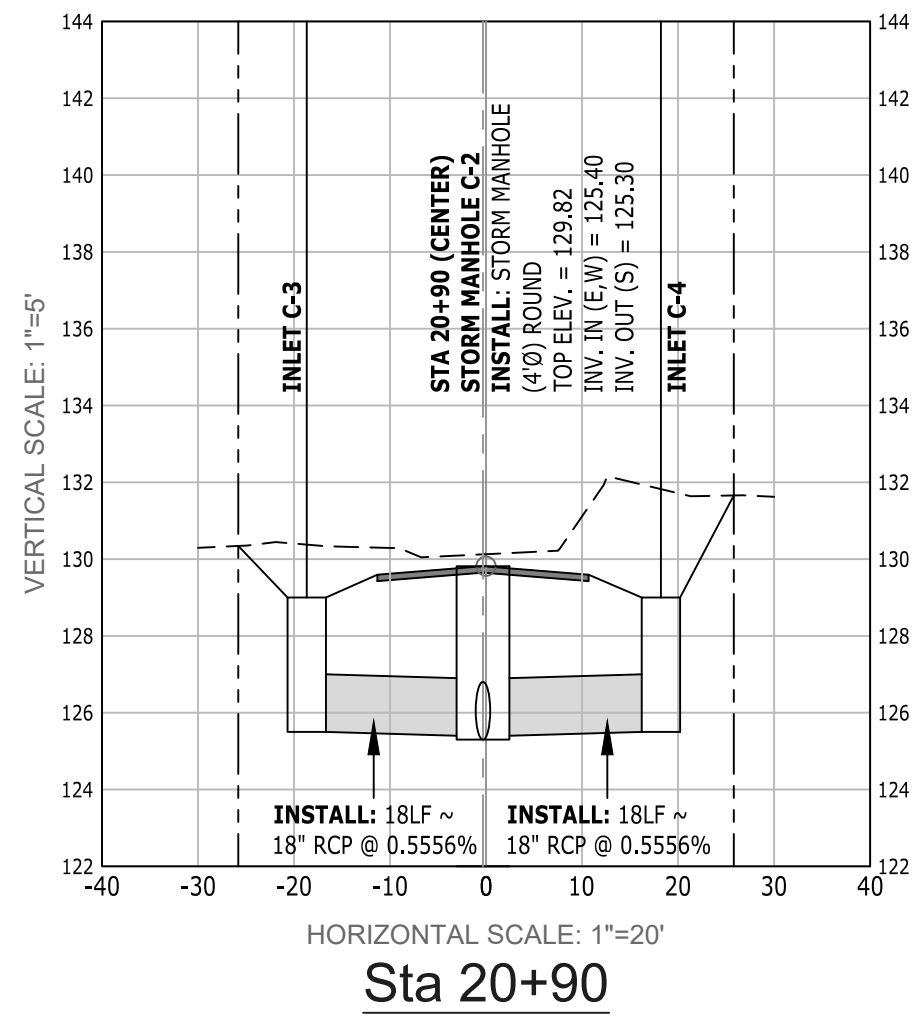
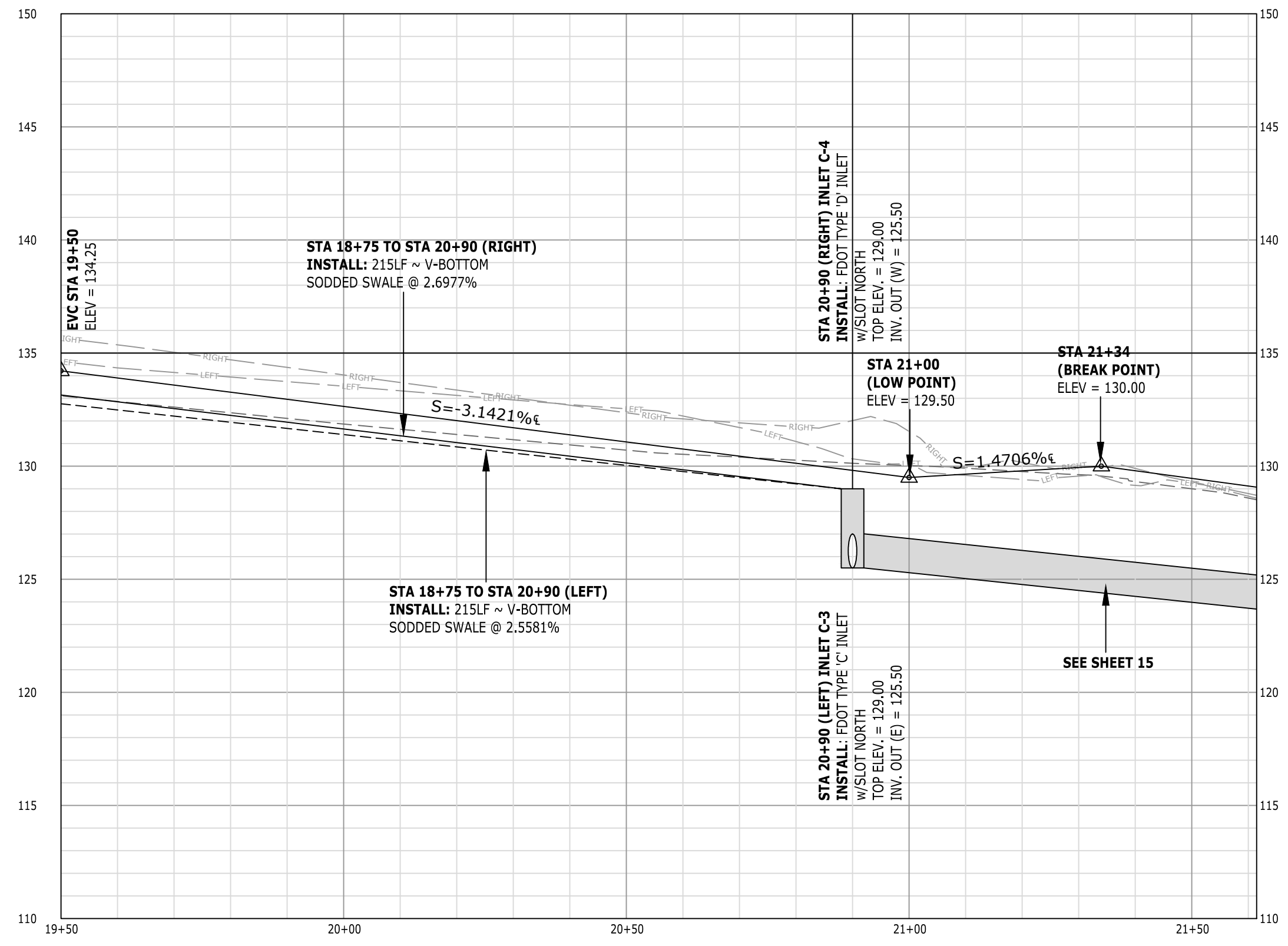
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SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)			REMARK INCORPORATION	(Blue Highlighter)	
		CHANGE INCORPORATION	(Yellow Highlighter)					ORIGINATOR VERIFICATION	Correct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



FOUR STAR FARM ROAD
ROW VARIES



- NOTES:**
- CONTRACTOR SHALL COORDINATE ALL OUTAGES, CONFLICTS AND CONNECTIONS TO EXISTING WATER SYSTEM WITH MOLINO UTILITIES - RANDY WEAVER - (850) 336-3057.
 - EXISTING WATER SERVICES SHALL BE RELOCATED TO THE RIGHT-OF-WAY. THE CONTRACTOR SHALL COORDINATE THIS EFFORT WITH THE UTILITY.
 - THE CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES NOT SPECIFICALLY SHOWN TO BE RELOCATED.
 - WATER SERVICES THAT NEED TO BE RELOCATED TO THE RIGHT-OF-WAY OR OUT OF THE WAY OF THE PROPOSED CONSTRUCTION SHALL BE RENEWED WITH NEW 1" TUBING, AS WELL AS SERVICE SADDLE, TAP AND CORPORATION STOP. EXISTING SERVICE TO BE ABANDONED SHALL BE REMOVED FROM END OF CORPORATION STOP. CORPORATION STOP SHALL BE CLOSED AND PLUGGED WITH A BRASS PLUG.



LEGEND:

EXISTING CENTERLINE GRADE	---
EXISTING 25' O/S LEFT GRADE	---
EXISTING 25' O/S RIGHT GRADE	---
PROPOSED CENTERLINE GRADE	---
PROPOSED RIGHT DITCH	---
PROPOSED LEFT DITCH	---

PROFILE
SCALE: HOR.: 1" = 20'
VER.: 1" = 5'

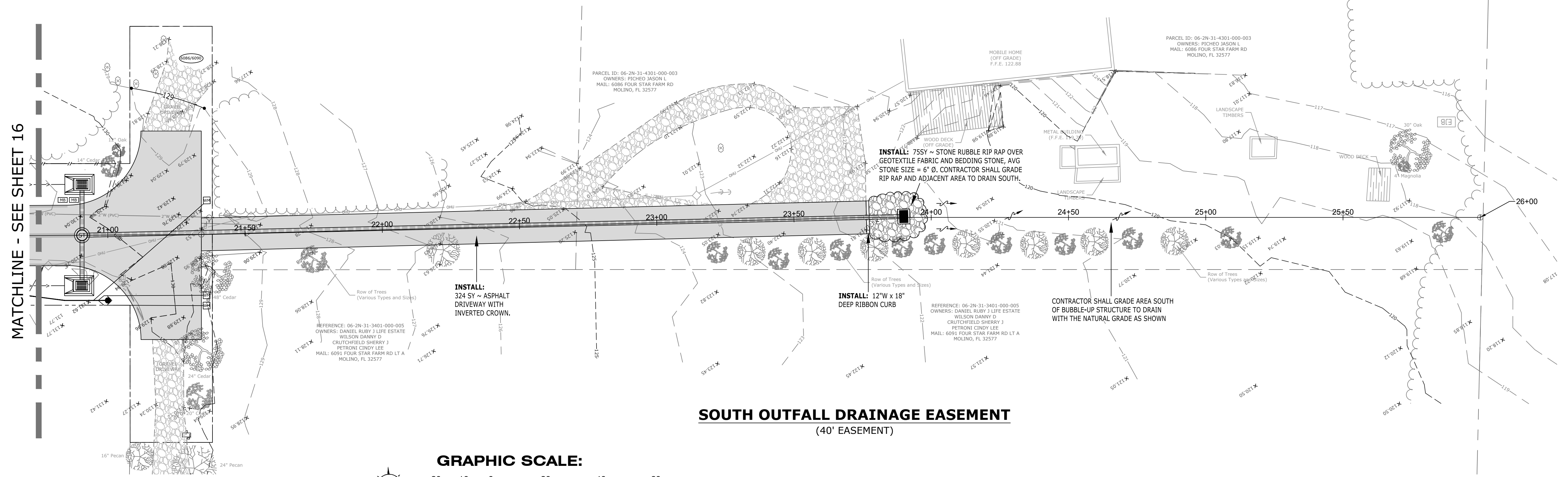
FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE

PLAN & PROFILE

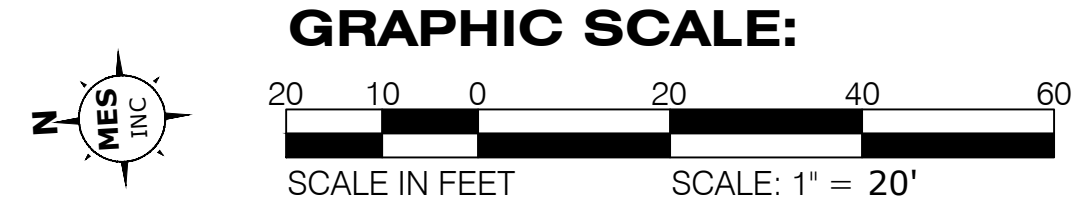
<p>EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Butt Road Navarre, Florida 32566 P: (850) 869-8732 F: (850) 869-8732</p>		<p>REG. FLA. ENG. NO. 55393 DATE: 5/5/93</p>
<p>DESIGNED BY: WVP/JJ CHECKED BY: WVP/JJ</p>	<p>PROJECT MANAGER: JOHN ROSENAU DISTRICT: 5</p>	<p>SIGNATURE: _____ DATE: _____</p>
<p>DRAWN BY: EMD DATE: FEBRUARY 2023 FIELD BOOK: PAGES: PB-3067P1-133</p>	<p>SECTION: TOWNSHIP/RANGE 06/2N/31W</p>	<p>DATE PLOTTED: _____</p>
<p>DRAWING NUMBER: C-304</p>	<p>PROJECT NUMBER: 170001-009</p>	<p>SURVEY NUMBER: L-6217</p>
<p>SHEET 14 OF 34</p>		

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

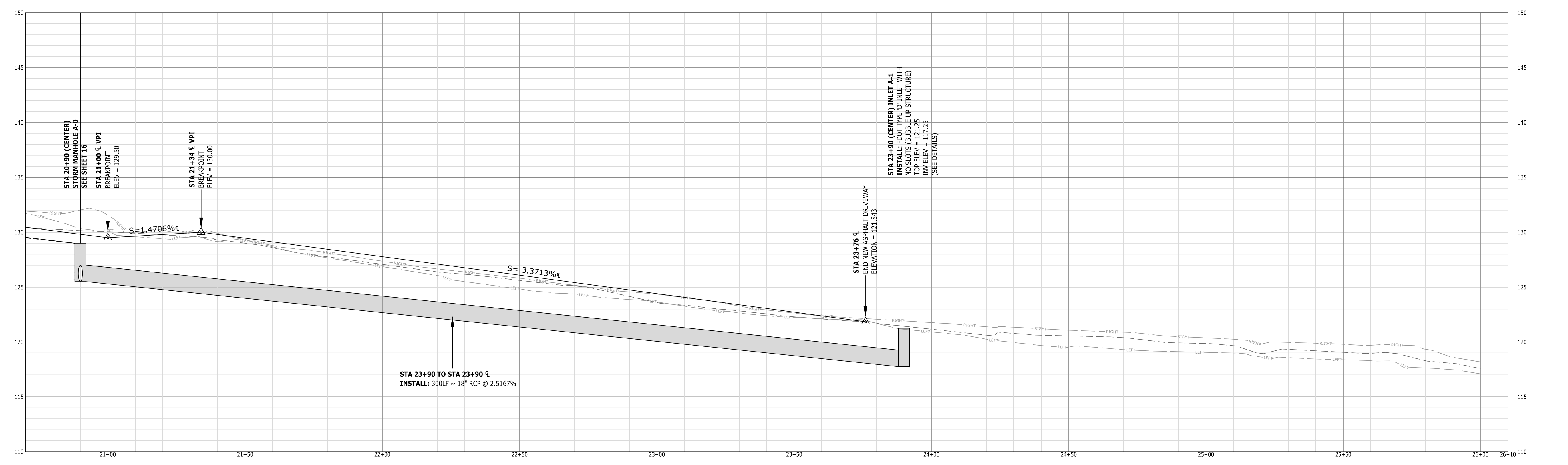
MATCHLINE - SEE SHEET 16



SOUTH OUTFALL DRAINAGE EASEMENT
(40' EASEMENT)



- NOTES:**
1. CONTRACTOR SHALL COORDINATE ALL OUTAGES, CONFLICTS AND CONNECTIONS TO EXISTING WATER SYSTEM WITH MOLINO UTILITIES - RANDY WEAVER - (850) 336-3057.
 2. CONTRACTOR IS CAUTIONED THAT ALL OR PORTIONS OF THE WATER SERVICE FOR THE RESIDENCE AT 6086 FOUR STAR FARM ROAD IS LIKELY WITHIN SOUTH OUTFALL DRAINAGE EASEMENT WORK AREA. THE CONTRACTOR SHALL LOCATE AND PROTECT AND REPAIR AS REQUIRED AT THEIR COST.
 3. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES NOT SPECIFICALLY SHOWN TO BE RELOCATED.
 4. CONTRACTOR SHALL ADD GRAVEL OR FILL AND SOD AS APPLICABLE ADJACENT TO DRIVEWAY AS REQUIRED TO TIE BACK TO EXISTING GRADE.



LEGEND:

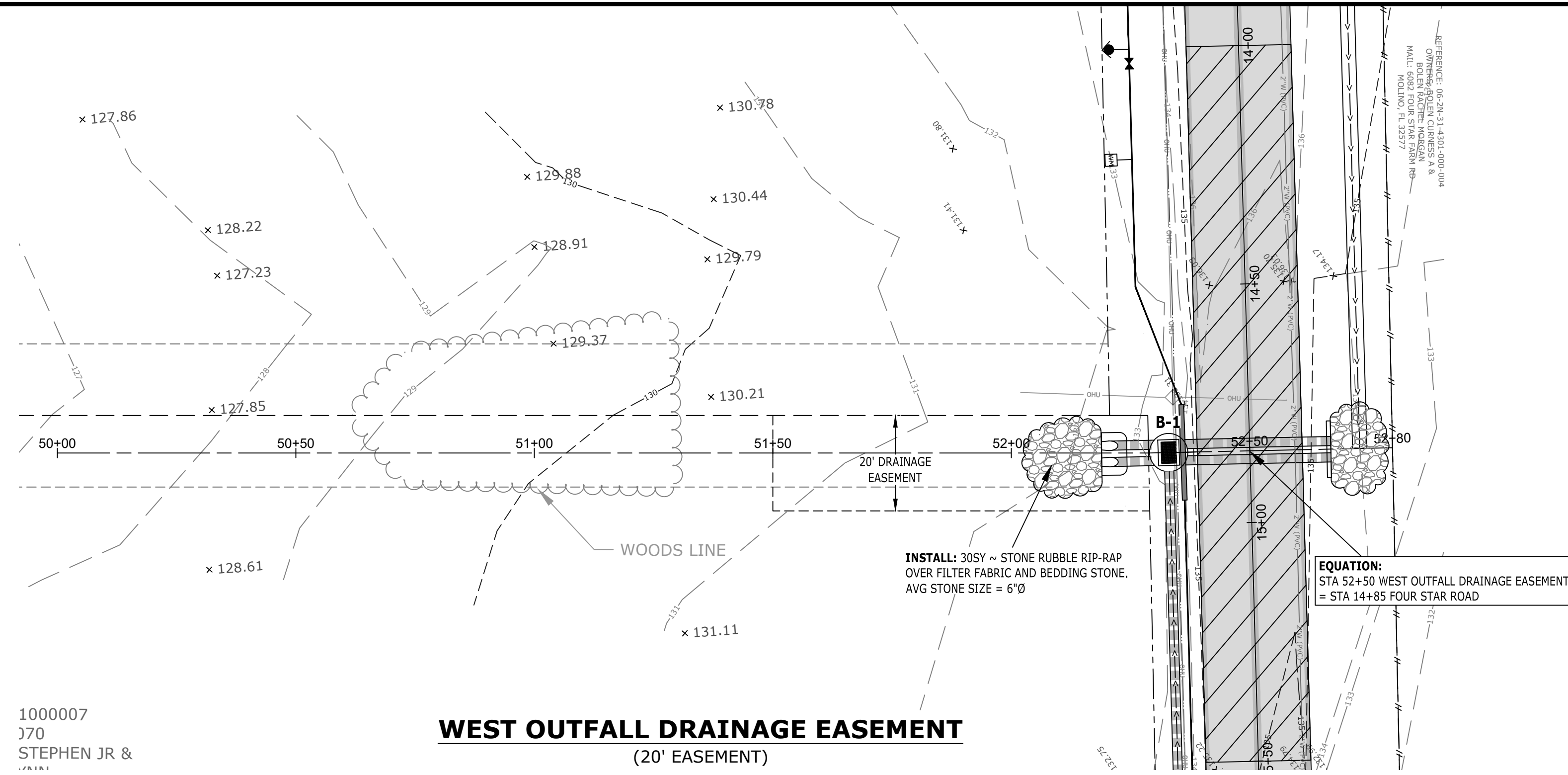
EXISTING CENTERLINE GRADE	---
EXISTING 25' O/S LEFT GRADE	----
EXISTING 25' O/S RIGHT GRADE	----
PROPOSED CENTERLINE GRADE	—
PROPOSED RIGHT DITCH	---
PROPOSED LEFT DITCH	---

PROFILE
SCALE: HOR.: 1" = 20'
VER.: 1" = 5'

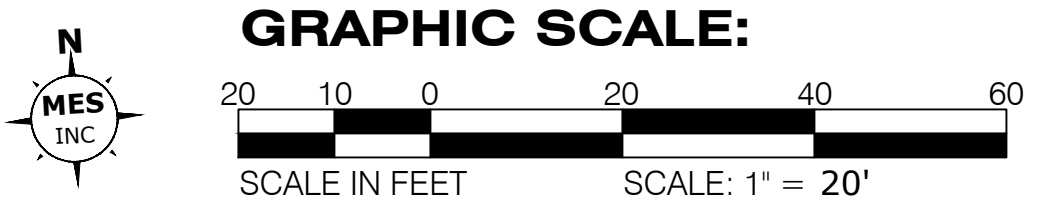
FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE
SOUTH DRAINAGE OUTFALL EASEMENT
PLAN & PROFILE

<p>EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Bird Road Navarre, Florida 32566 P: (850) 869-8732 F: (850) 869-8732 REG. STATE NO. 55393 DATE: 06/28/21</p>	
<p>DESIGNED BY: DJL PROJECT MANAGER: JOHN ROSENAU DATE: FEBRUARY 2023 FIELD BOOK PAGES: 15</p>	<p>CHECKED BY: WVPJ DISTRICT: 3 SECTION: TOWNSHIP RANGE 06/28/21</p>
<p>DRAWN BY: EMD DATE: FEBRUARY 2023 FIELD BOOK PAGES: 15</p>	<p>SIGNATURE: DATE: 06/28/21</p>
<p>DRAWING NUMBER: C-305 PROJECT NUMBER: 170001-009 SURVEY NUMBER: L-6217</p>	
<p>SHEET 15 OF 34</p>	

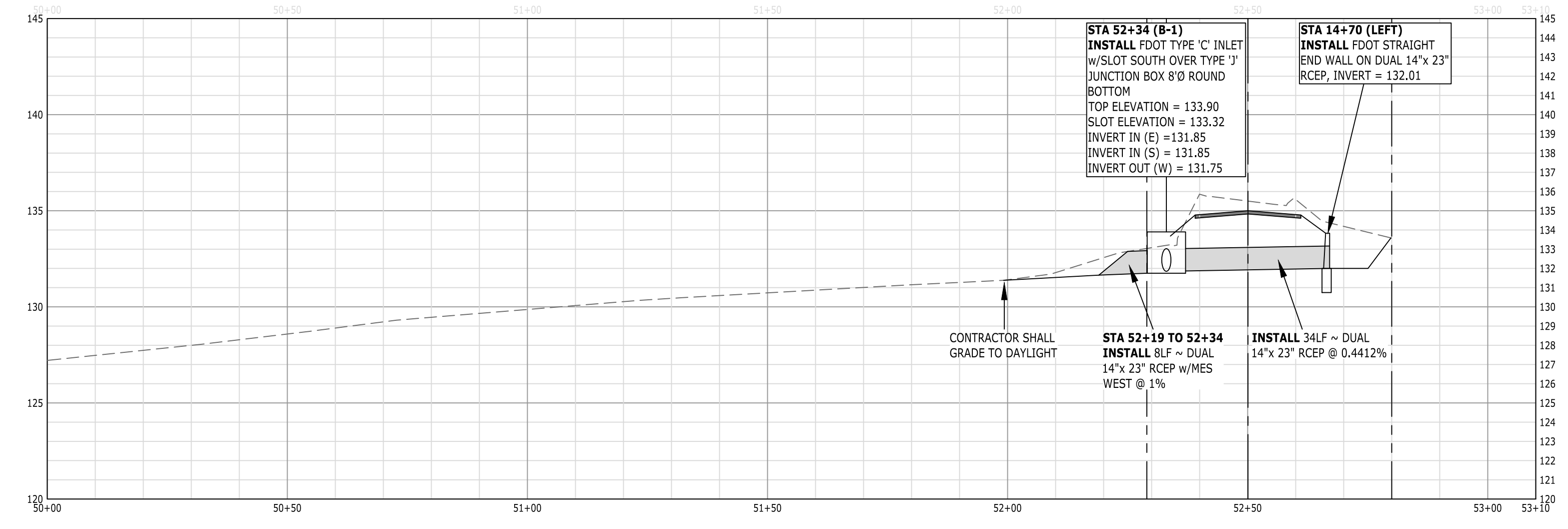
PHASE	REVIEW	DATE	ORIGINATOR (RP)	CHECKER (RP)	DATE	ORIGINATOR (QR)	CHECKER (QR)	DATE	VERIFICATION, CHECKER (QR)	DATE
SIGNATURE:			PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)			CHANGE INCORPORATION	Correct (Green Highlighter) Change (Red Pen)		REMARK INCORPORATION (Blue Highlighter)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



WEST OUTFALL DRAINAGE EASEMENT
(20' EASEMENT)



- NOTES:**
1. CONTRACTOR SHALL COORDINATE ALL OUTAGES, CONFLICTS AND CONNECTIONS TO EXISTING WATER SYSTEM WITH MOLINO UTILITIES - RANDY WEAVER - (850) 336-3057.
 2. EXISTING WATER SERVICES SHALL BE RELOCATED TO THE RIGHT-OF-WAY. THE CONTRACTOR SHALL COORDINATE THIS EFFORT WITH THE UTILITY.
 3. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES NOT SPECIFICALLY SHOWN TO BE RELOCATED.
 4. WATER SERVICES THAT NEED TO BE RELOCATED TO THE RIGHT-OF-WAY OR OUT OF THE WAY OF THE PROPOSED CONSTRUCTION SHALL BE RENEWED WITH NEW 1" TUBING, AS WELL AS SERVICE SADDLE, TAP AND CORPORATION STOP. EXISTING SERVICE TO BE ABANDONED SHALL BE REMOVED FROM END OF CORPORATION STOP. CORPORATION STOP SHALL BE CLOSED AND PLUGGED WITH A BRASS PLUG.



LEGEND:

EXISTING CENTERLINE GRADE	-----
EXISTING 25' O/S LEFT GRADE	-----
EXISTING 25' O/S RIGHT GRADE	-----
PROPOSED CENTERLINE GRADE	-----
PROPOSED RIGHT DITCH	-----
PROPOSED LEFT DITCH	-----

PROFILE
SCALE: HOR. : 1" = 20'
VER. : 1" = 5'

FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE

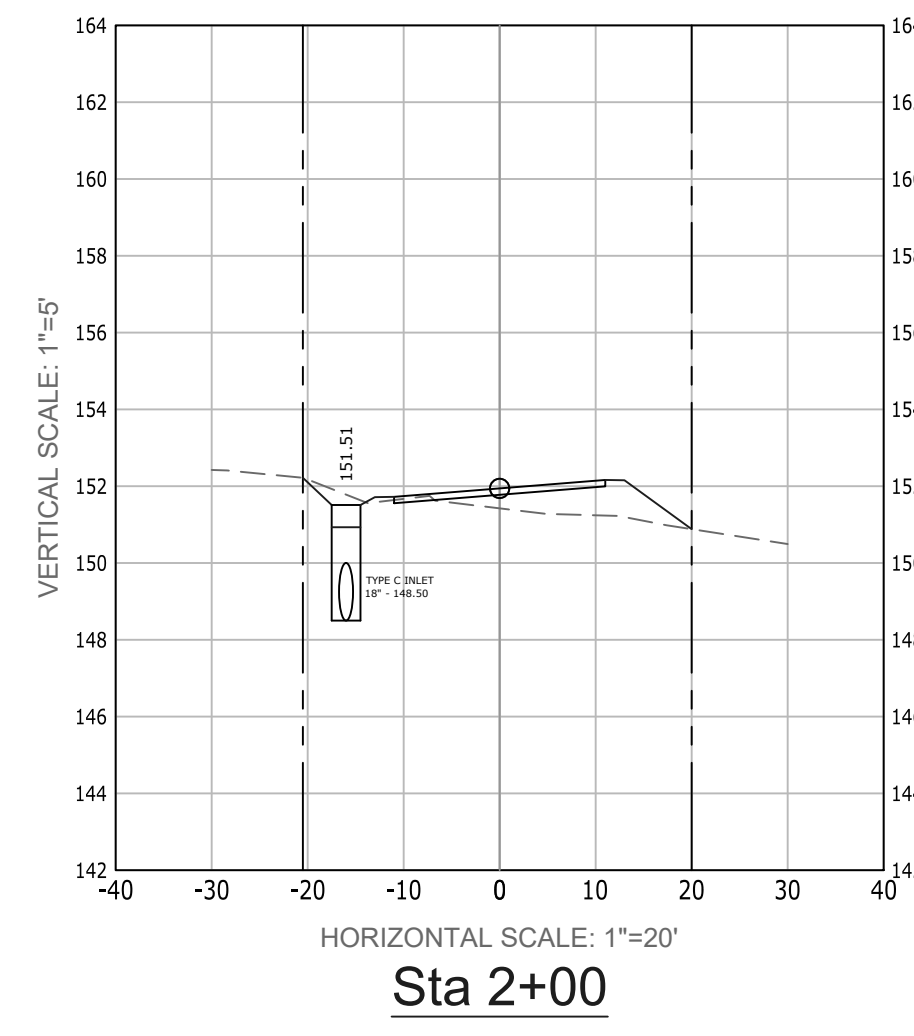
PLAN & PROFILE

<p>MUNICIPAL ENGINEERING SERVICES INC. EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Butte Road Navarre, Florida 32566 P: (850) 889-8732</p>		<p>REG. P.E. NO. 55393 DATE: 5/5/93</p>
<p>CHECKED BY: WVPJ DISTRICT: 3</p>	<p>DESIGNED BY: DJL PROJECT MANAGER: JOHN ROSENAU</p>	<p>SIGNATURE: _____ DATE: _____</p>
<p>DRAWN BY: EMD DATE: FEBRUARY 2023 FIELD BOOK: PAGES: PB-2067P1-133</p>	<p>SECTION: TOWNSHIP/RANGE 06/2N/31W</p>	<p>DATE PLOTTED: _____</p>

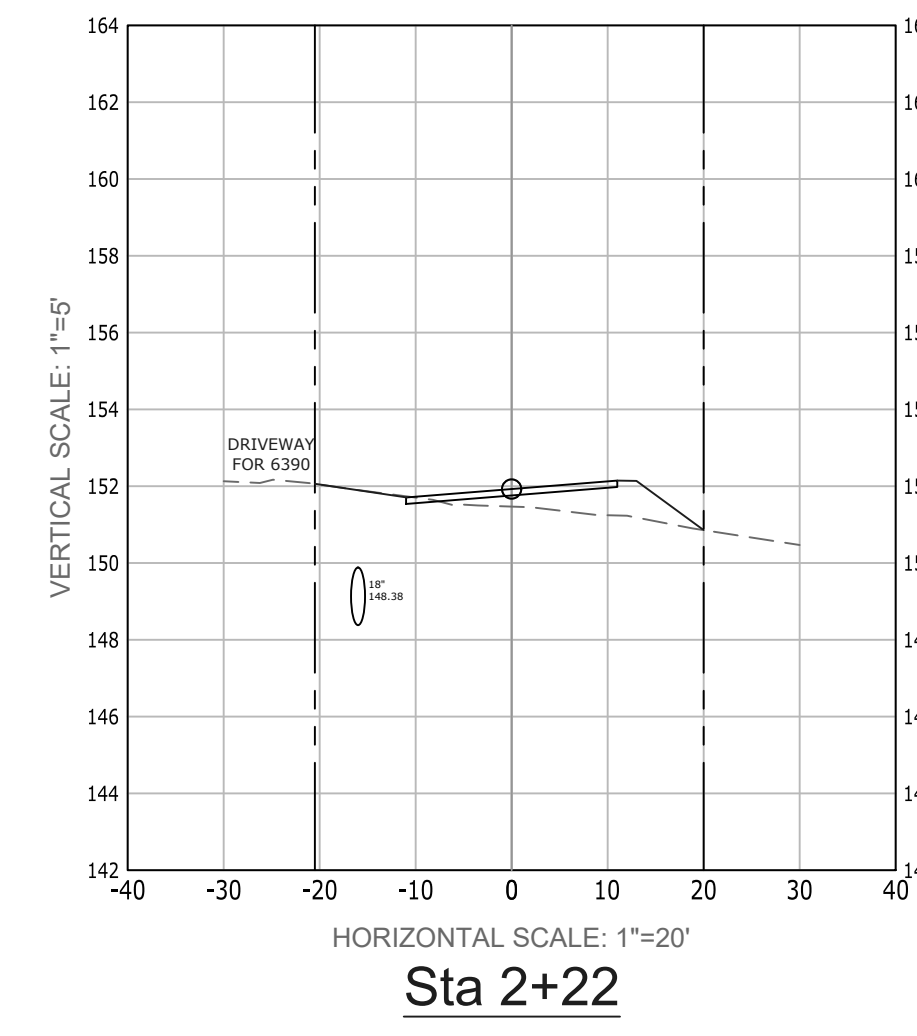
REVISIONS	DATE	APPROVED BY

DRAWING NUMBER	C-306
PROJECT NUMBER	170001-009
SURVEY NUMBER	L-6217
SHEET	16 OF 34

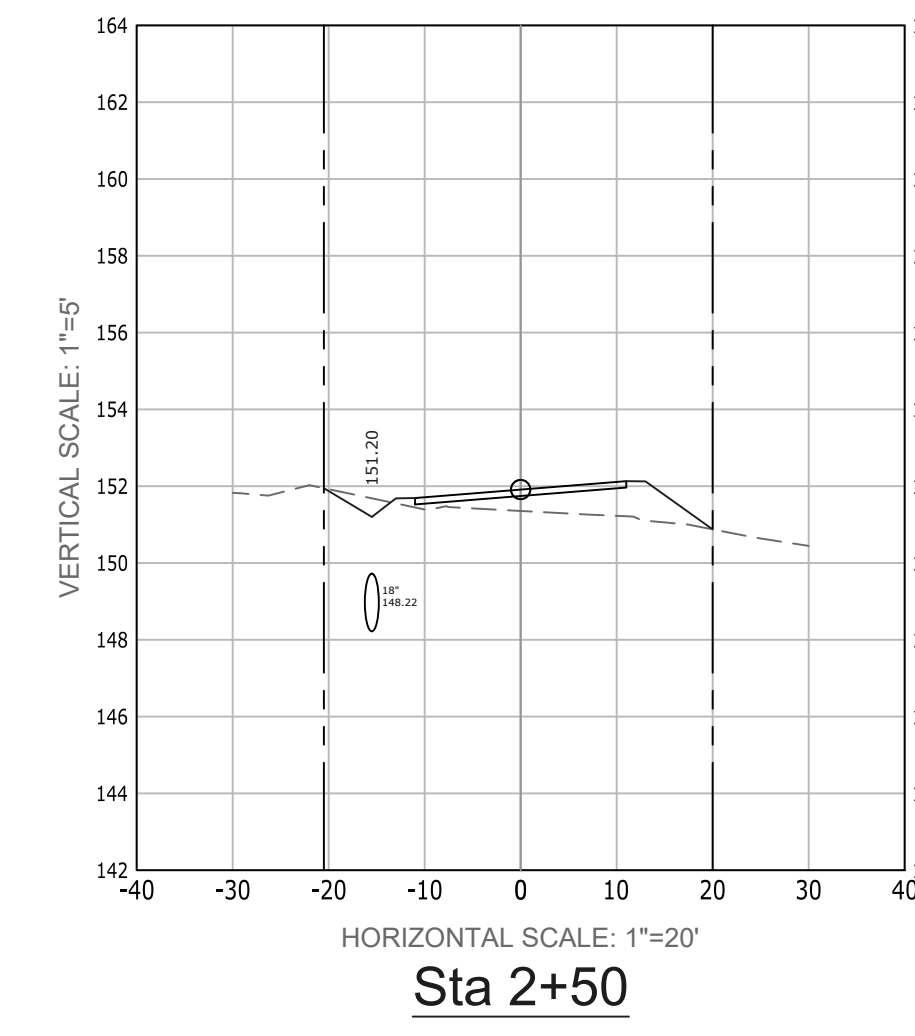
PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	DATE	VERIFICATION, CHECKER (QR)	DATE
	SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)		REMARK INCORPORATION (Blue Highlighter)	
		CHANGE INCORPORATION (Yellow Highlighter)		CHECKER (RP)		ORIGINATOR VERIFICATION (Correct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



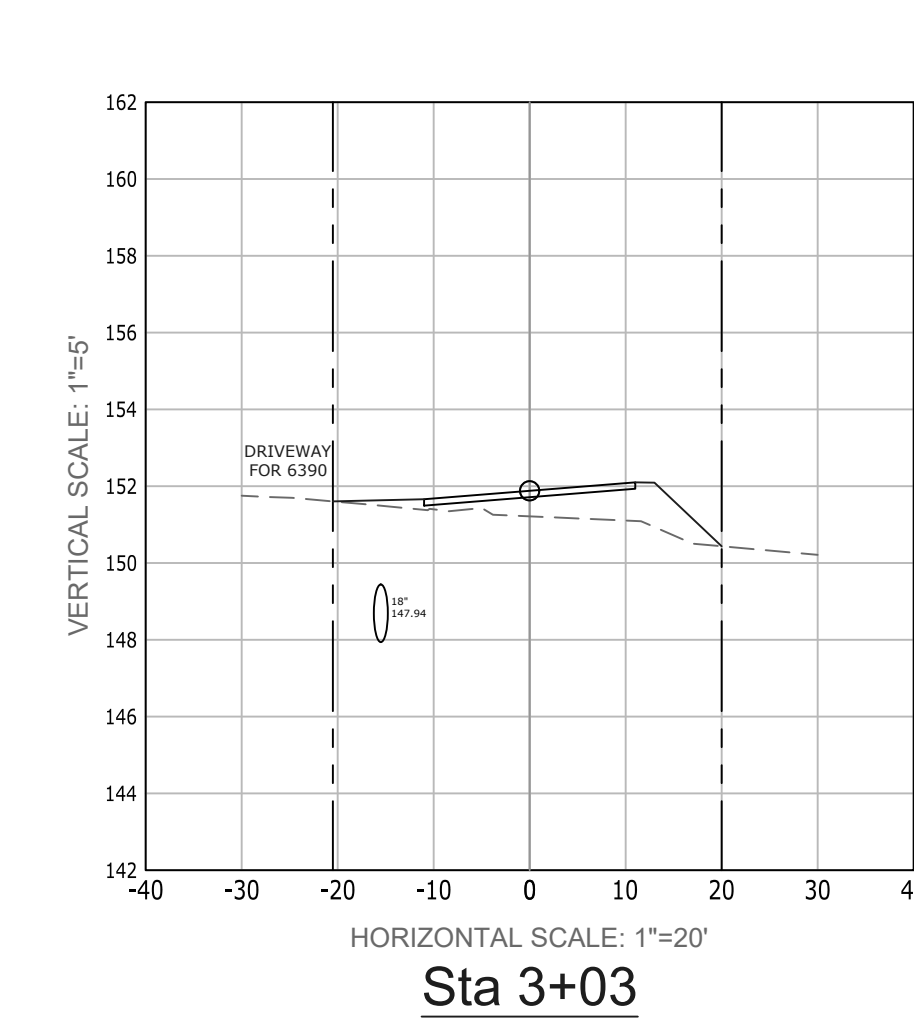
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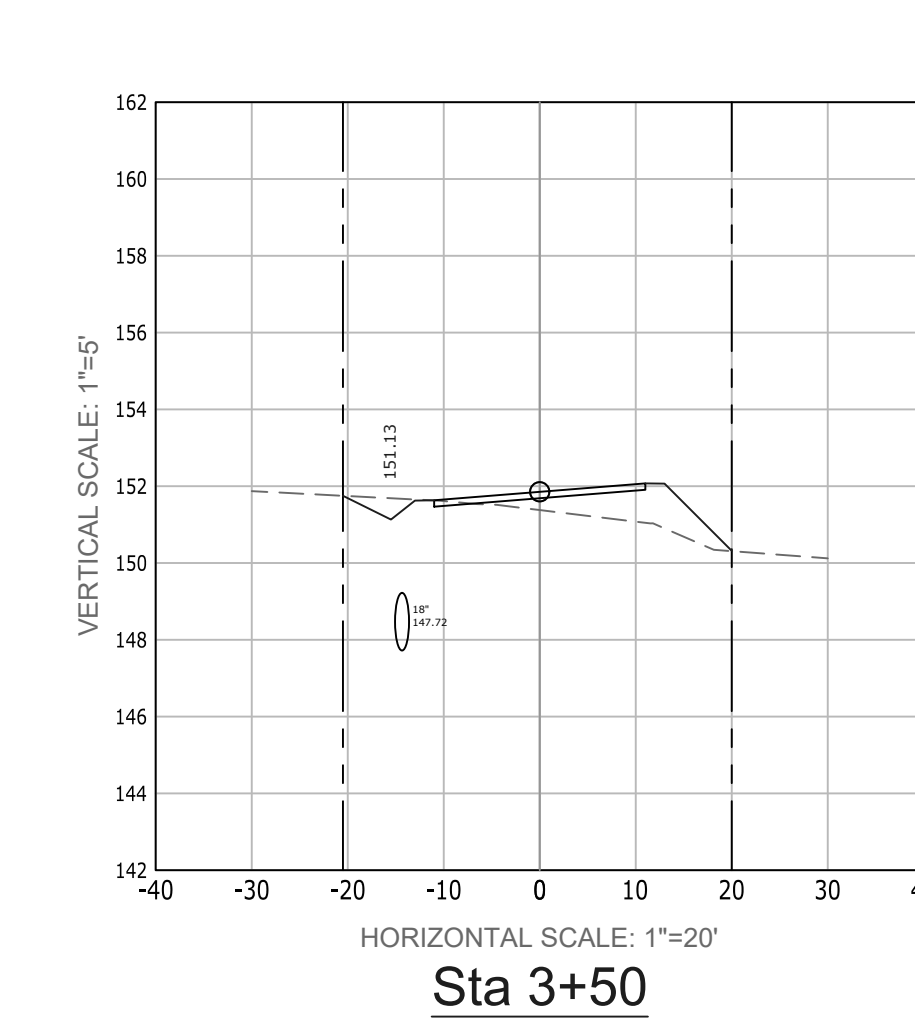
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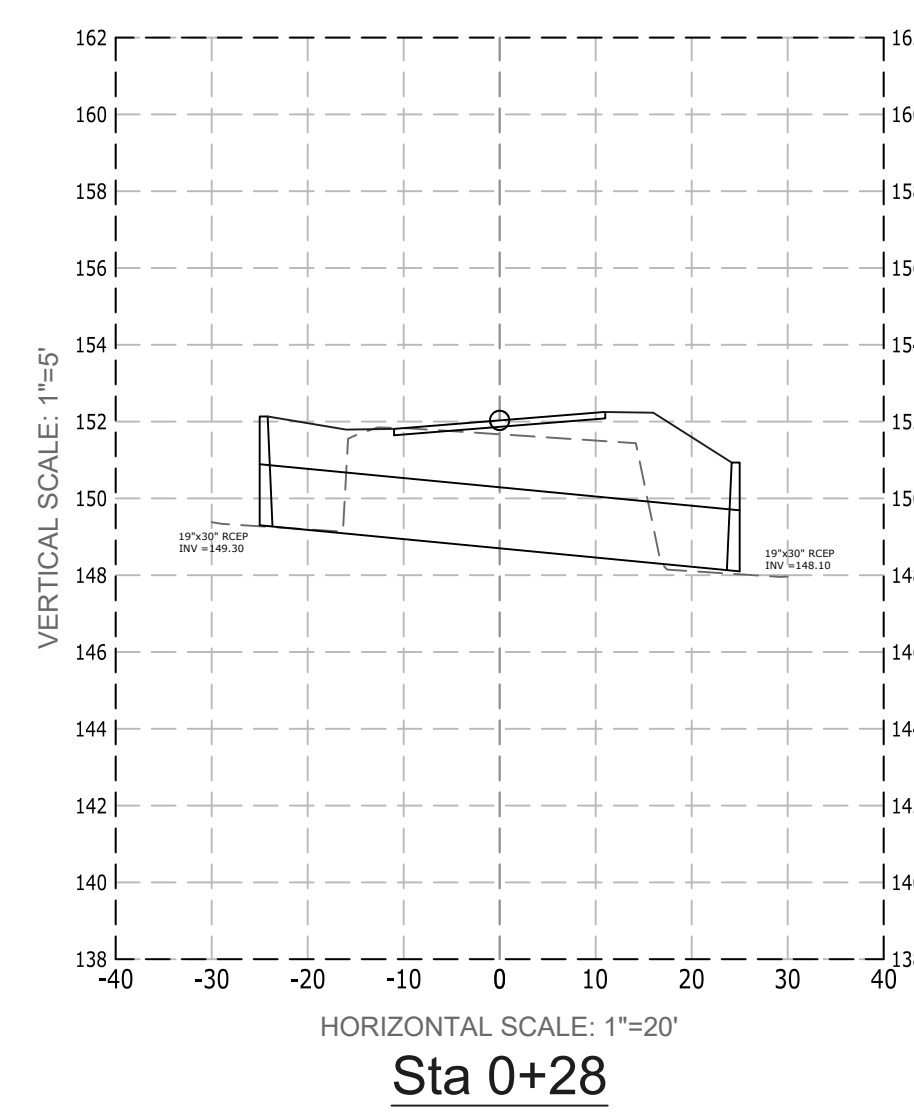
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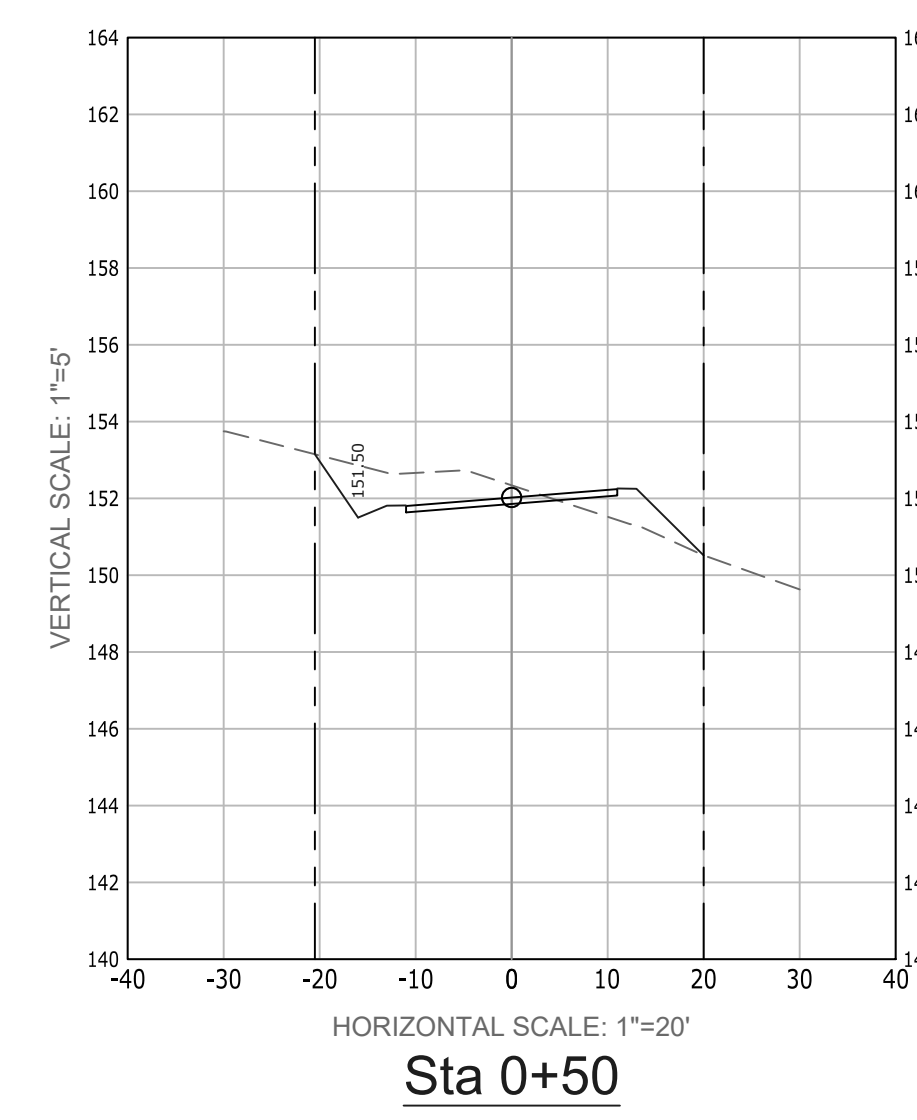
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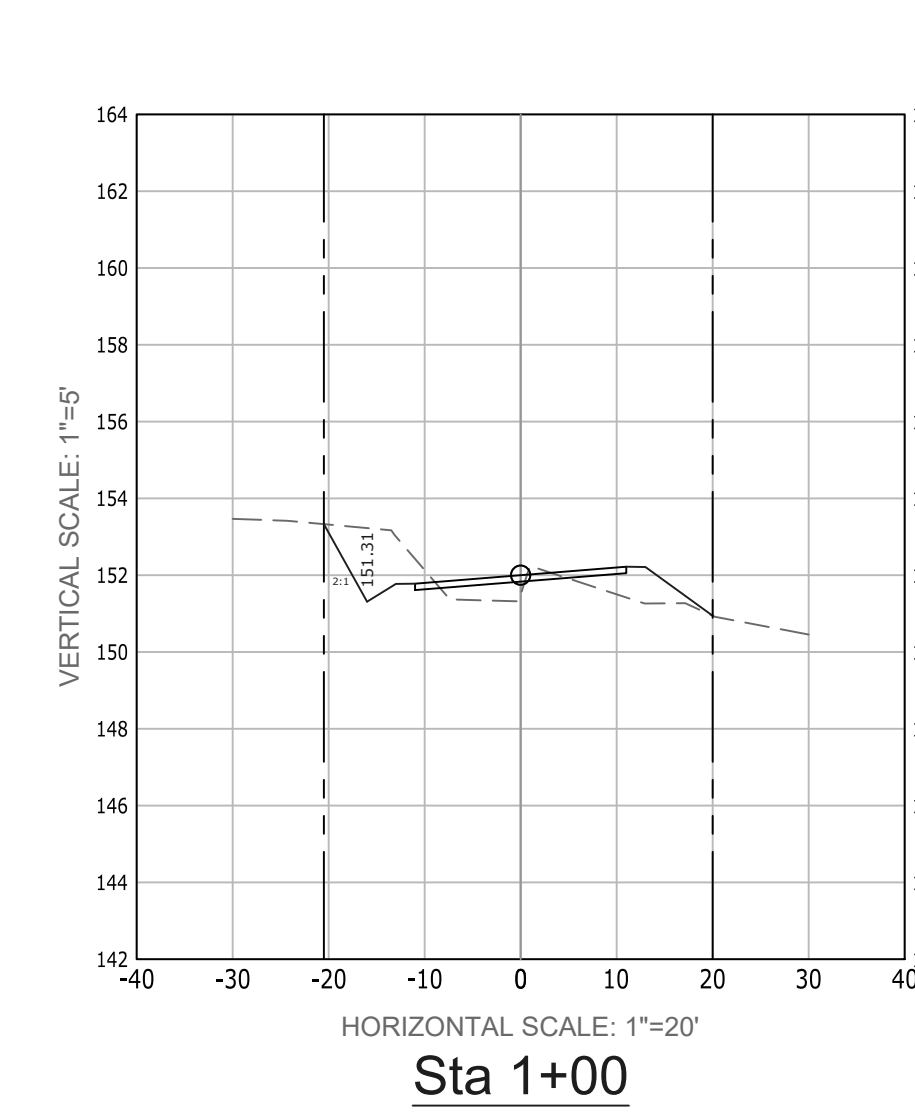
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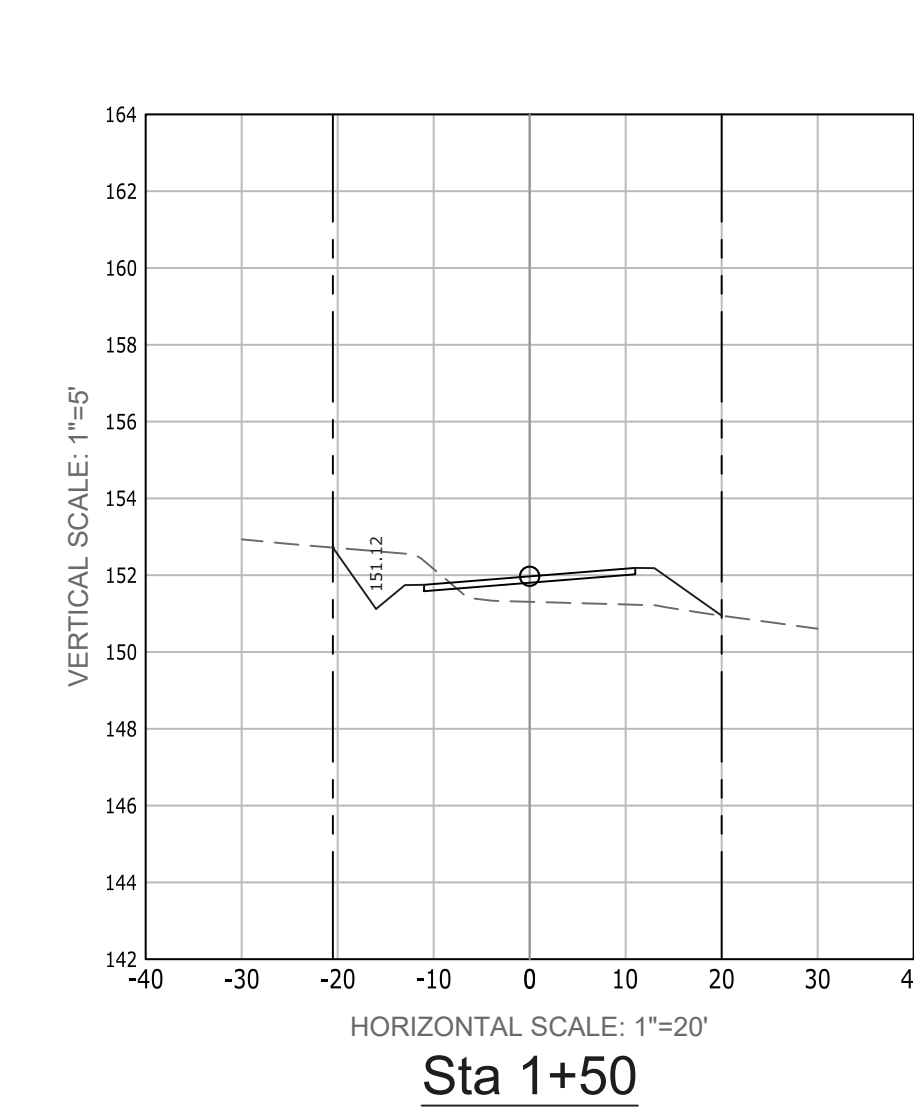
Sta 0+28



Sta 0+50



Sta 1+00



Sta 1+50

PROFILE
 SCALE : HOR. : 1" = 20'
 VER. : 1" = 5'

FOUR STAR FARM ROAD

DIRT ROAD PAVING & DRAINAGE

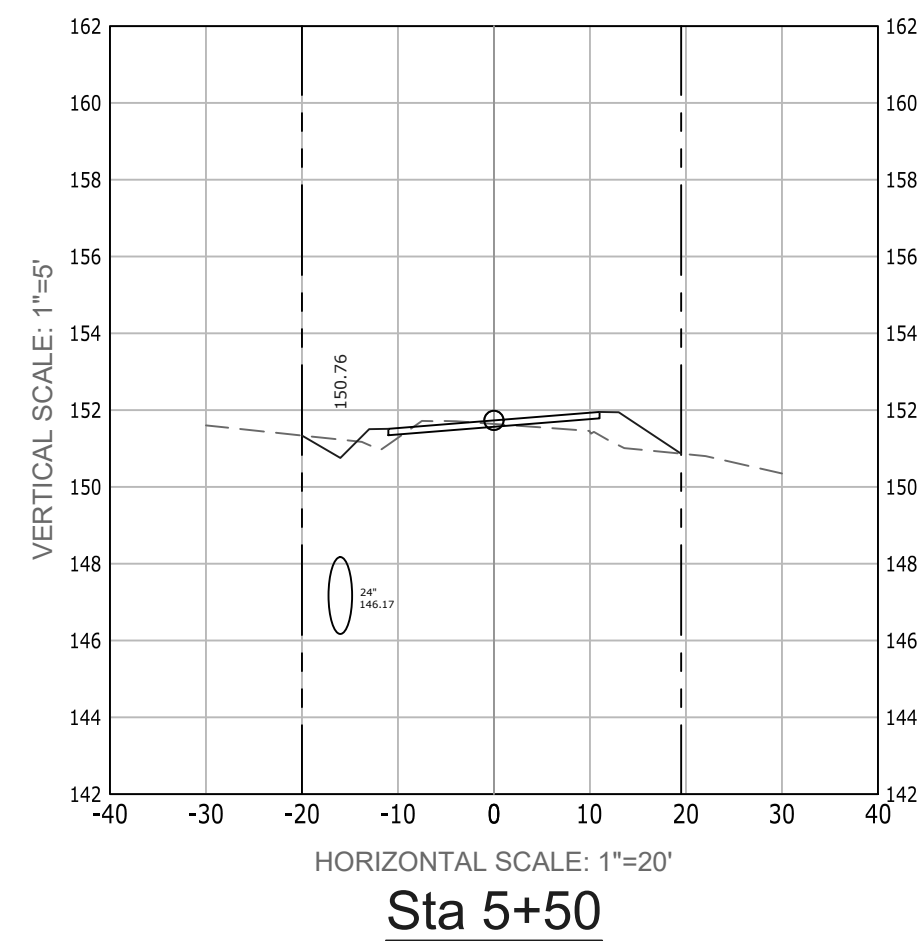
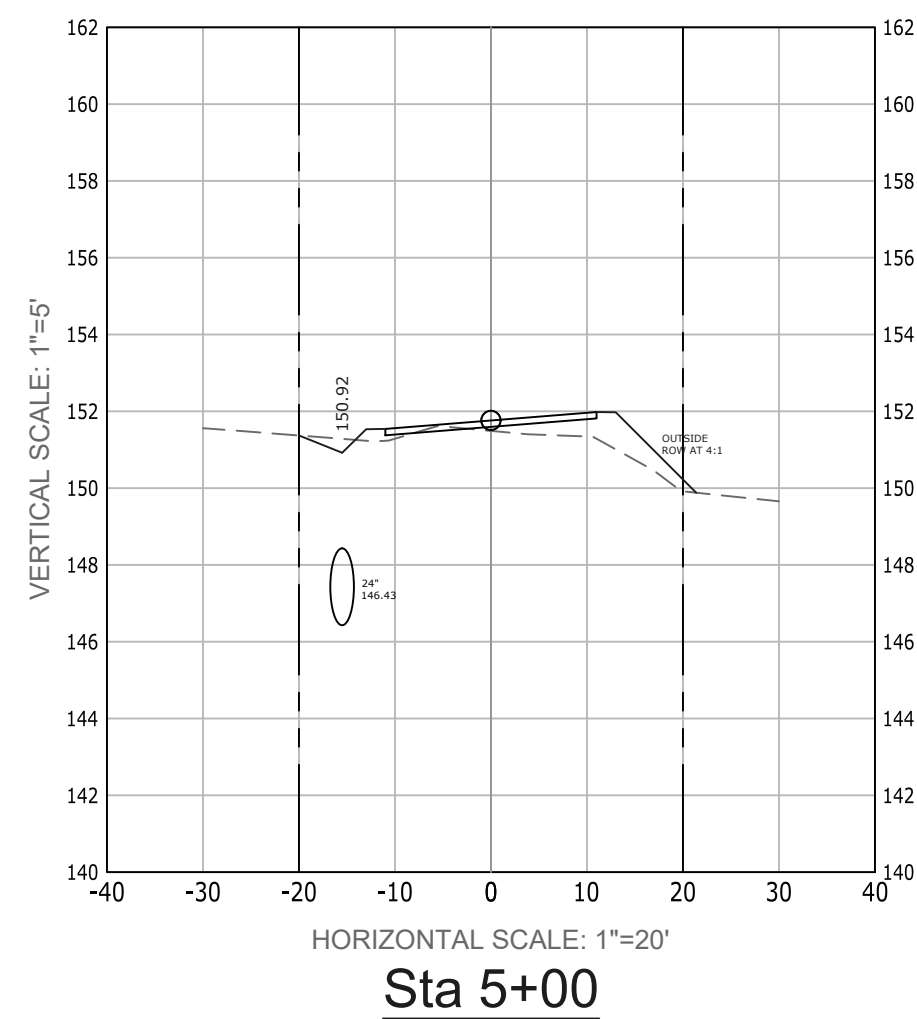
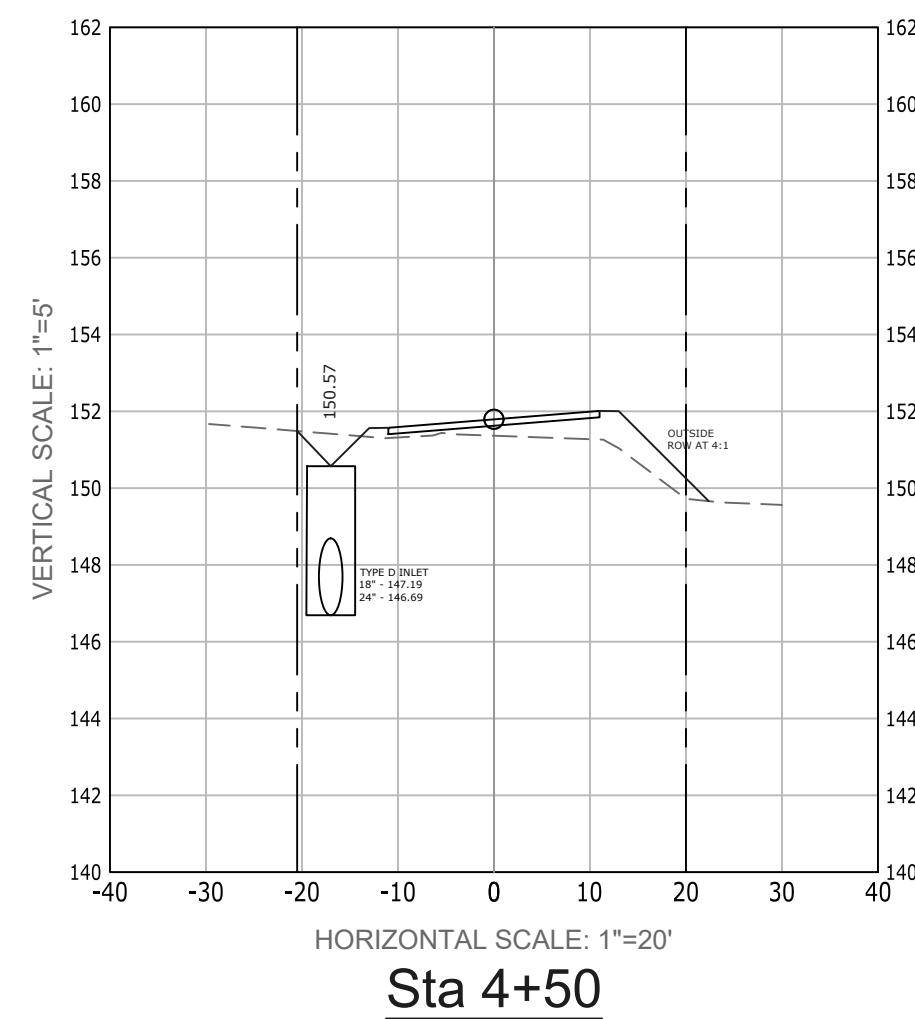
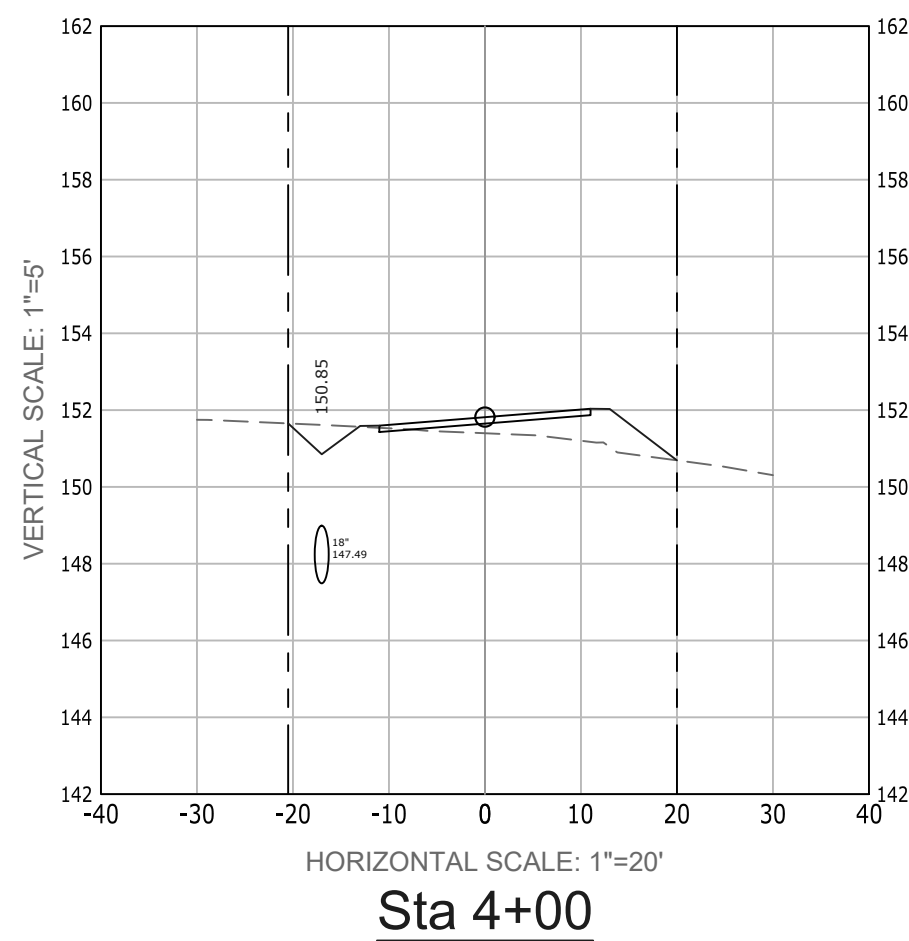
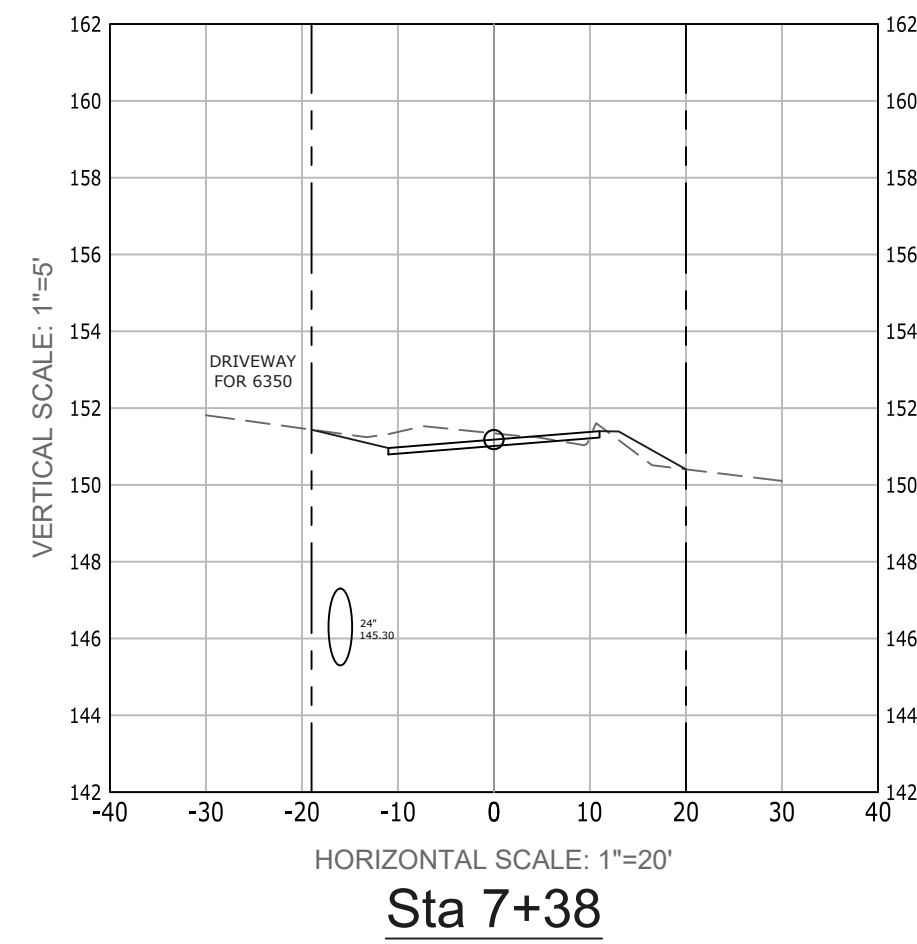
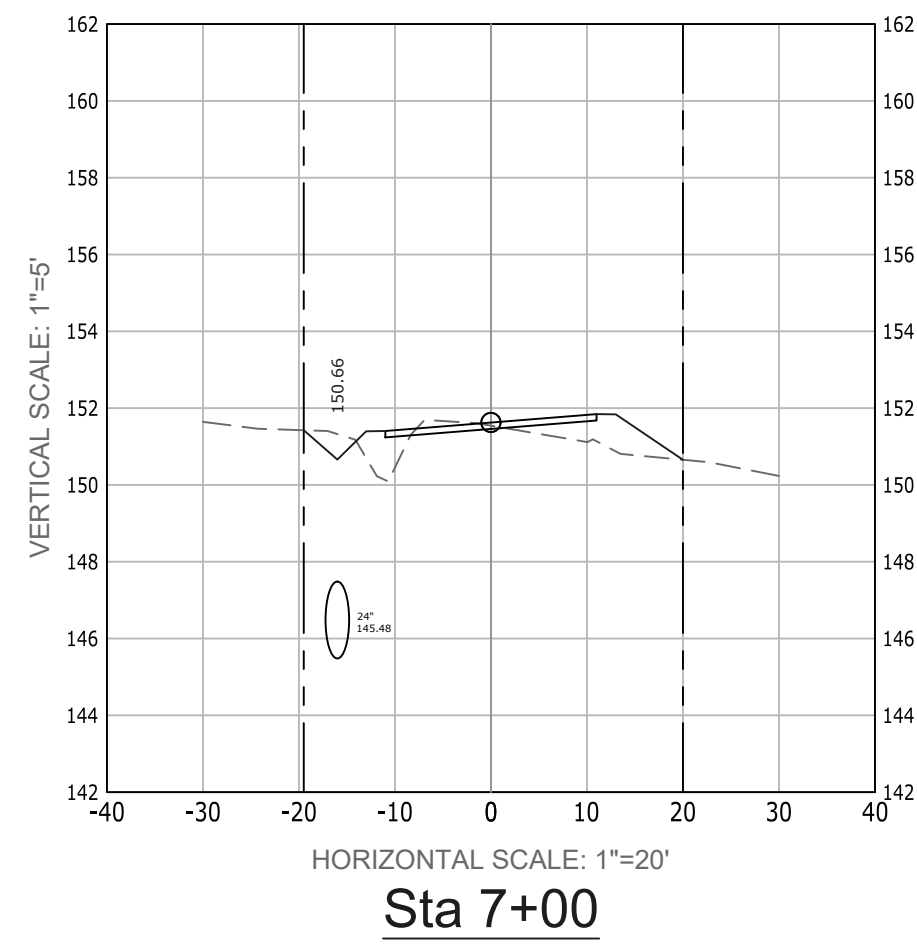
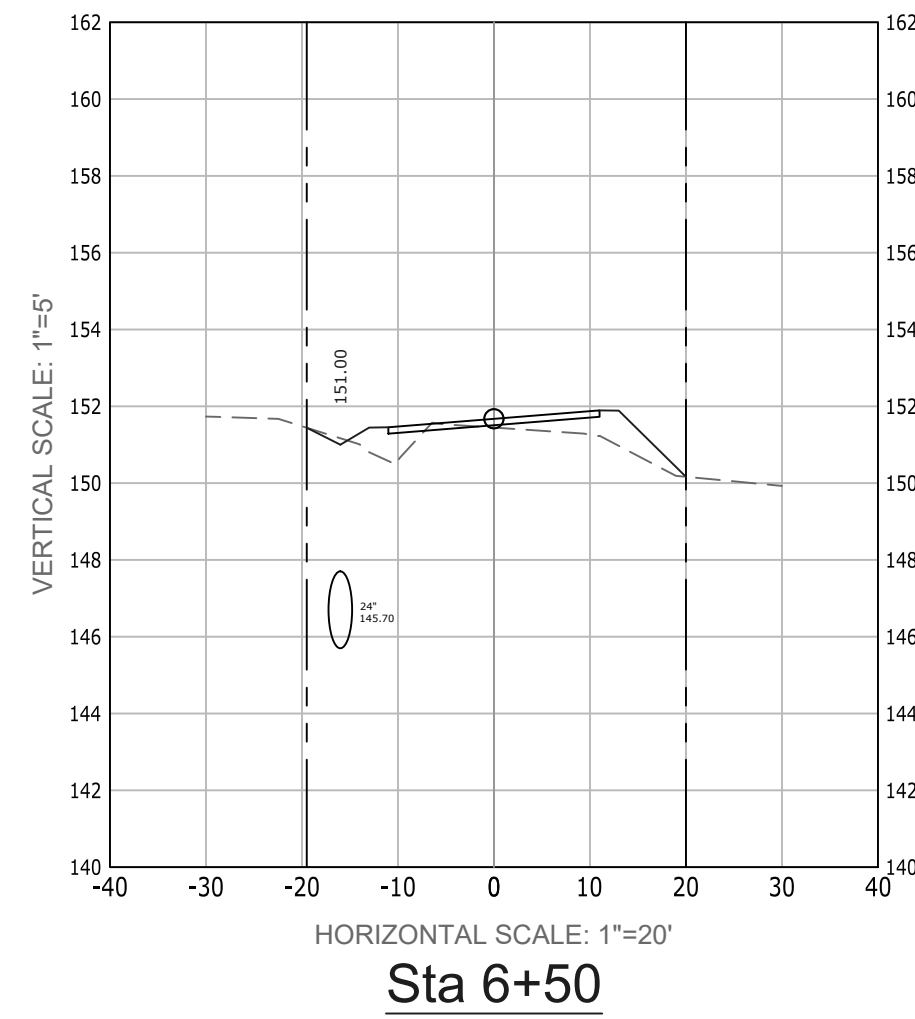
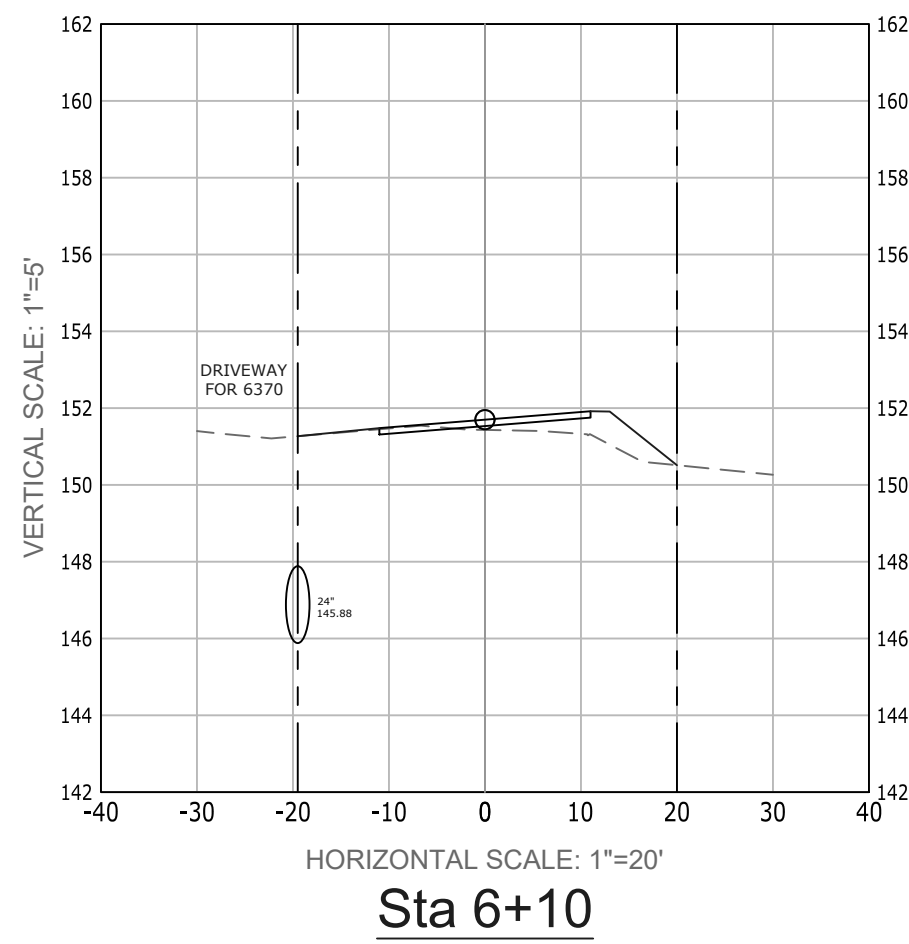
SECTIONS

EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Bluff Road Navarre, Florida 32566 P: (850) 884-8702 F: (850) 884-8702		REG. STA. NO. 55393 DATE:	
MUNICIPAL ENGINEERING SERVICES INC.		CERTIFICATE OF AUTHORIZATION: CA-30886	
DESIGNED BY: DIL PROJECT MANAGER: JOHN ROSENAU DATE: FEBRUARY 2023 FIELD BOOK PAGES: 133	CHECKED BY: WVPJ DISTRICT: 3 SECTION: TOWNSHIP RANGE 06/2N/31W	DRAWN BY: END DATE: FEBRUARY 2023 FIELD BOOK PAGES: 133	SIGNATURE: DATE:


NUMBER	REVISIONS	DATE	APPROVED BY

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PROJECT NUMBER	170001-009
SURVEY NUMBER	L-6217
SHEET	17 OF 34

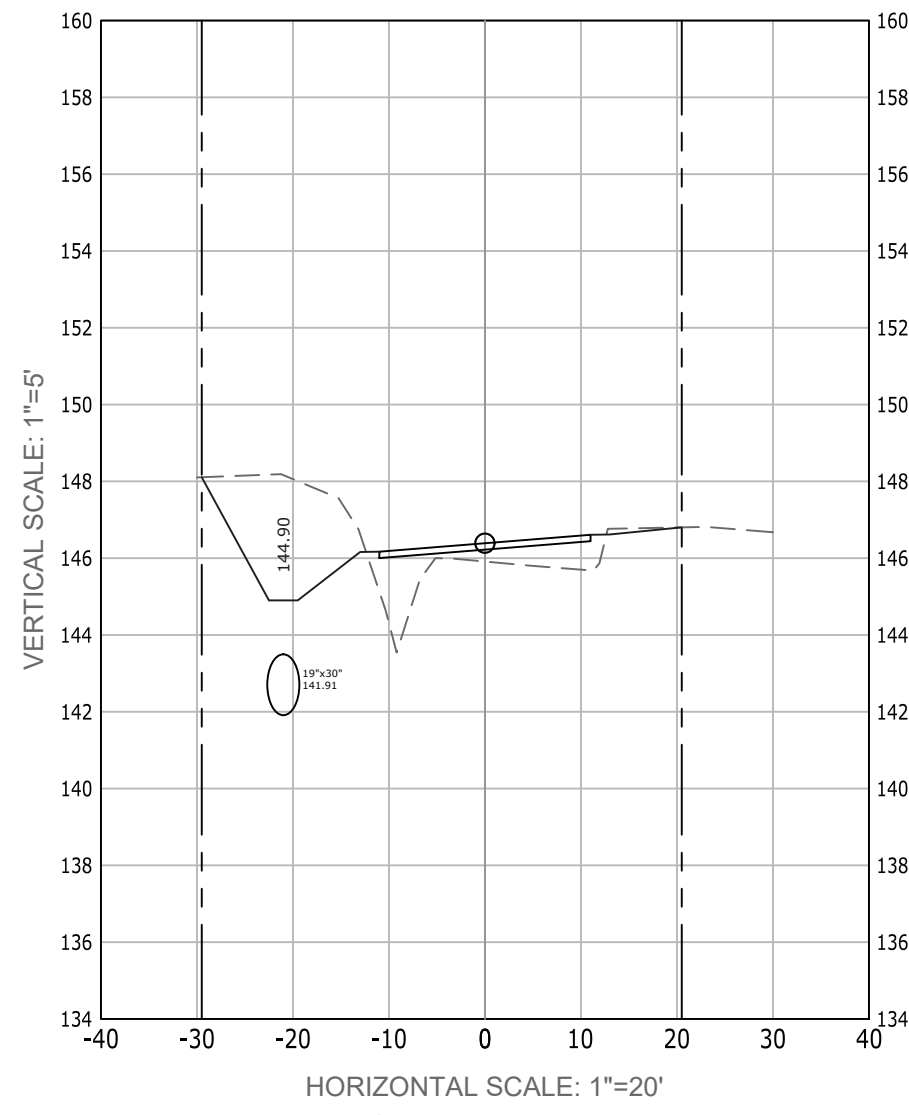
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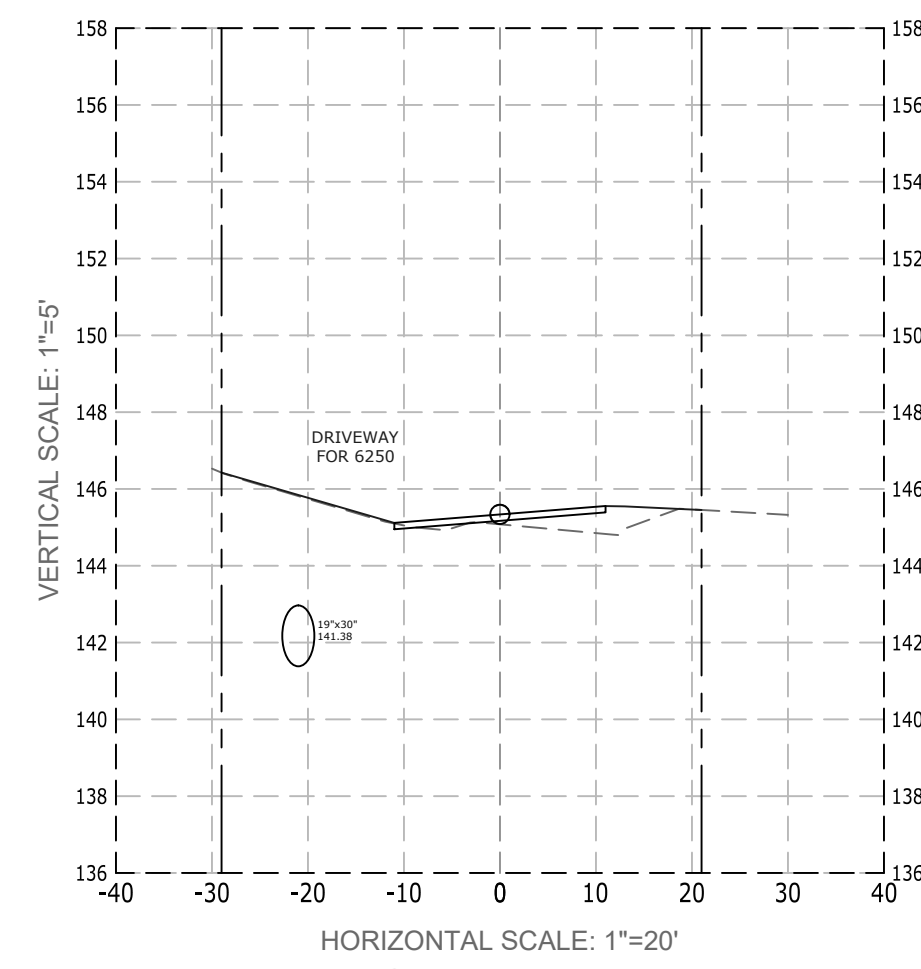
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VER.: 1" = 5'

	
FOUR STAR FARM ROAD DIRT ROAD PAVING & DRAINAGE SECTIONS	
EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Buft Road Navarre, Florida 32566 P: (850) 884-8732 MUNICIPAL ENGINEERING SERVICES INC. CERTIFICATE OF AUTHORIZATION: CE-30886	
CHECKED BY: WVPJ DISTRICT: 5 SECTION: TOWNSHIP/RANGE: 06/2N/31W	DATE: FEBRUARY 2023 FIELD BOOK PAGES: PB-3067P1-33
DRAWN BY: EMD PROJECT MANAGER: JOHN ROSENAU	REG. SEA. NO.: 55393 SIGNATURE: _____ DATE: _____
REVISIONS: _____ DATE: _____ APPROVED BY: _____	DRAWING NUMBER: C-402 PROJECT NUMBER: 170001-009 SURVEY NUMBER: L-6217 SHEET 18 OF 34

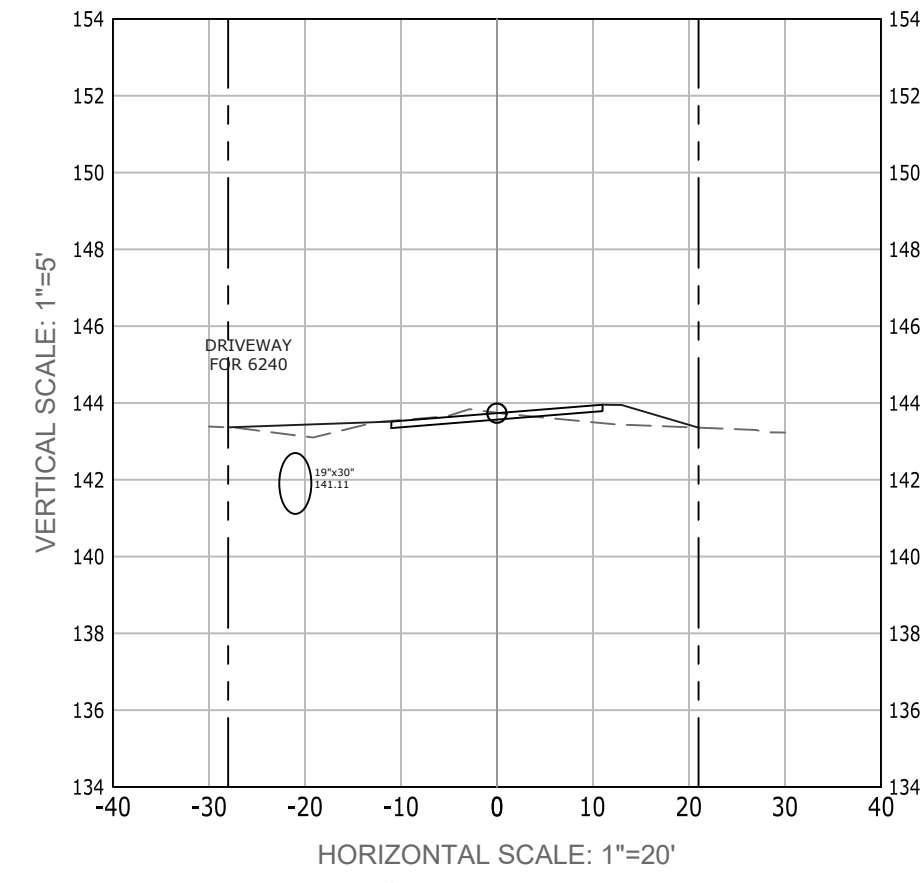
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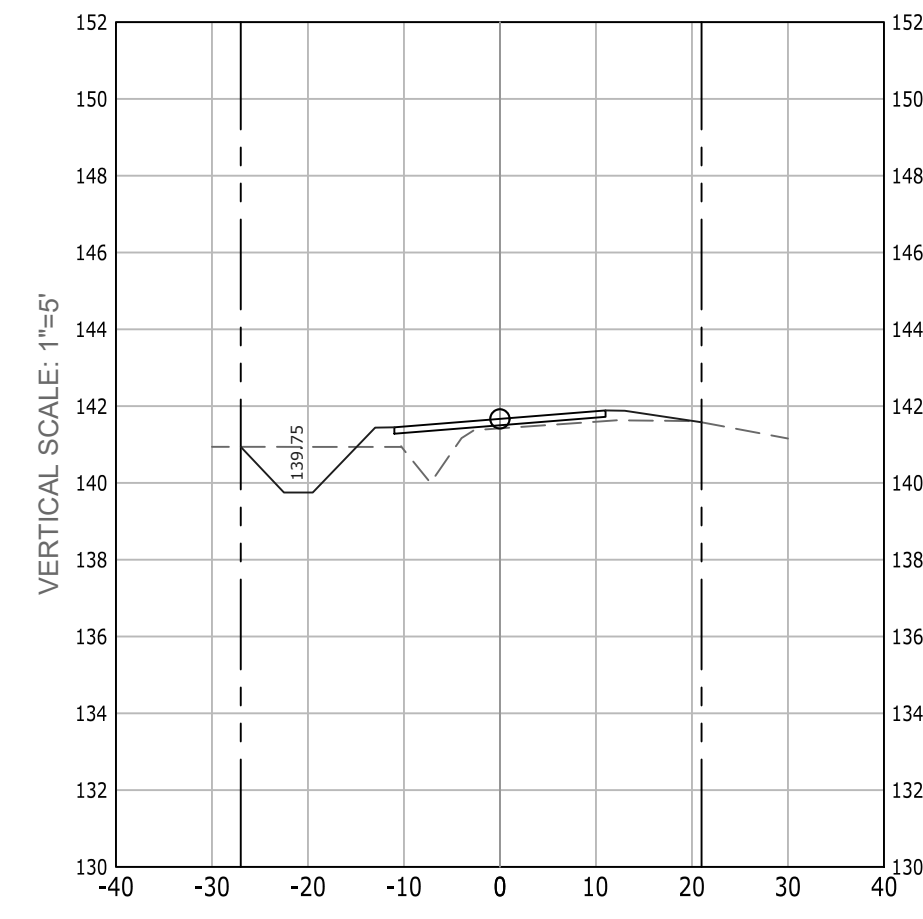
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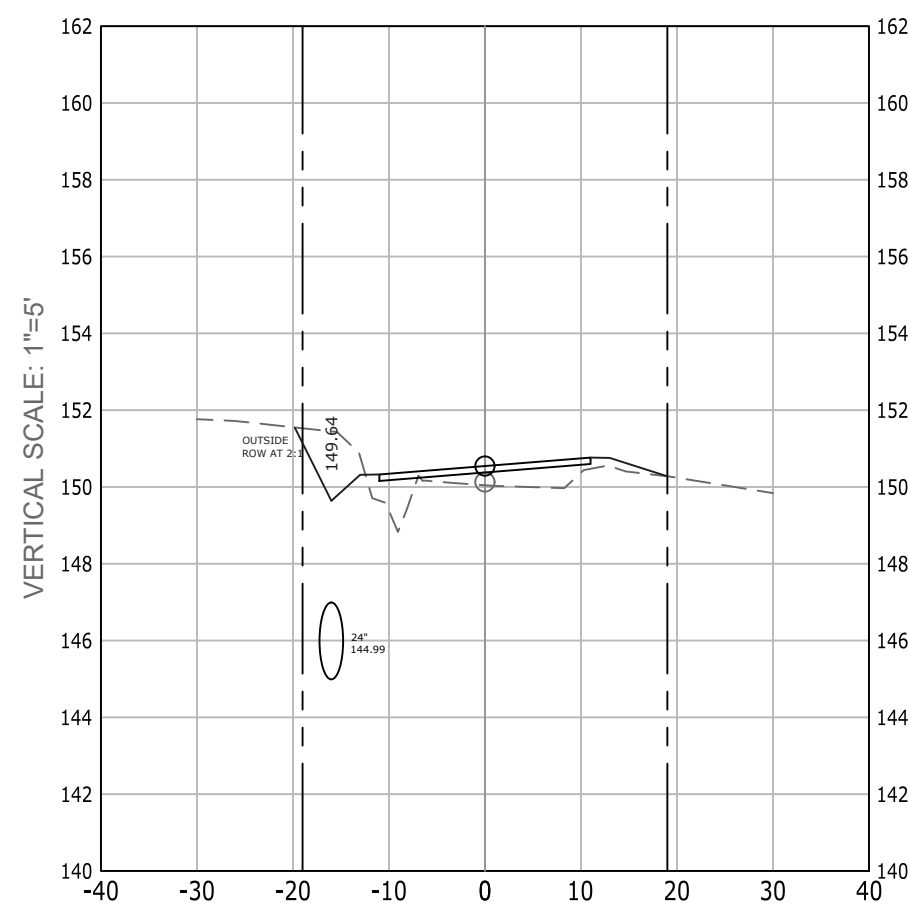
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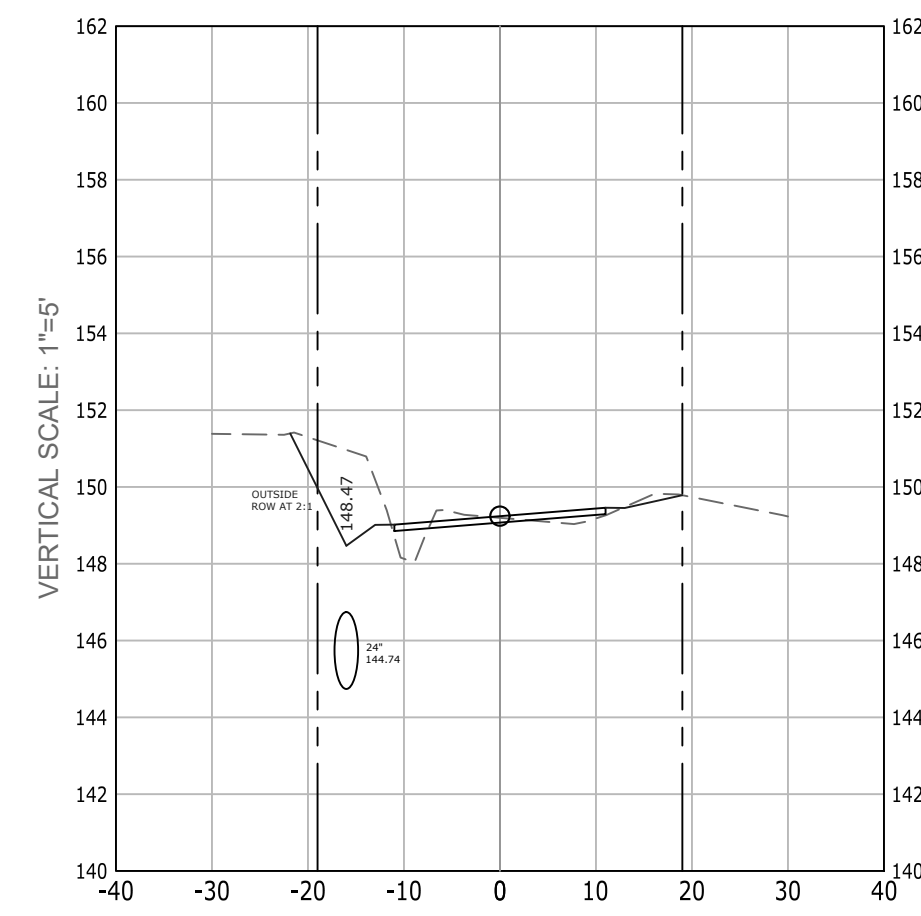
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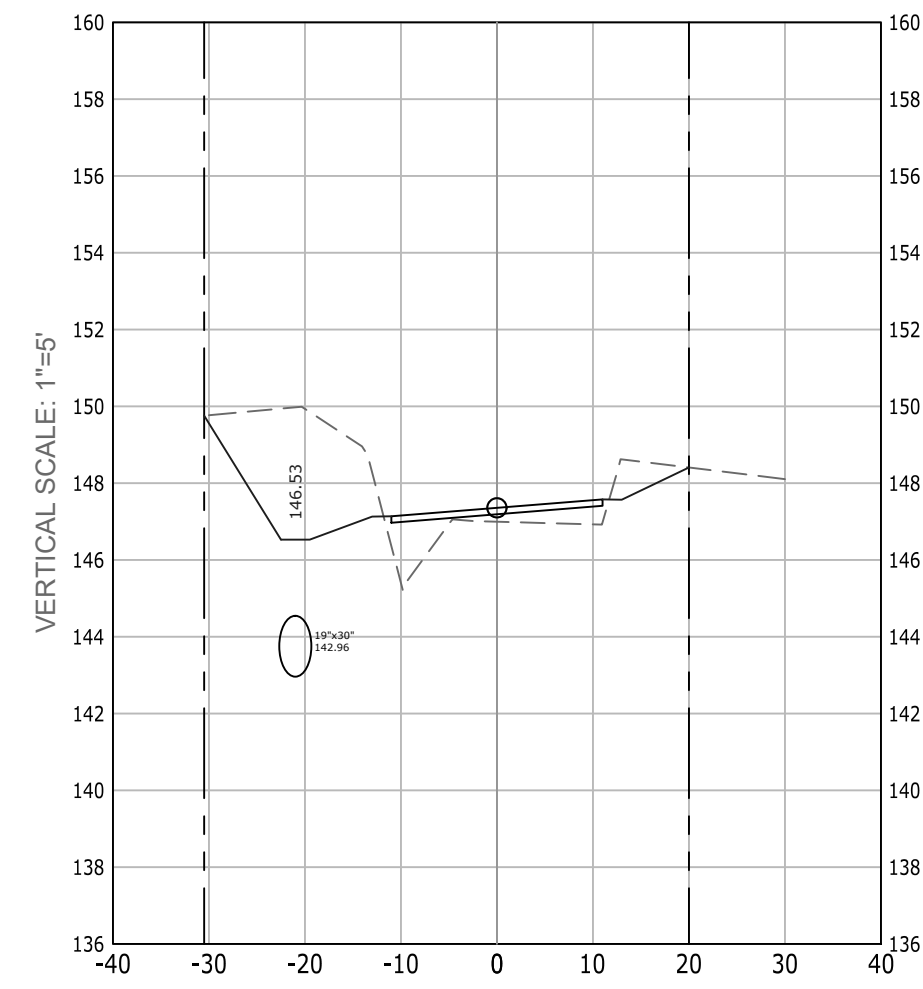
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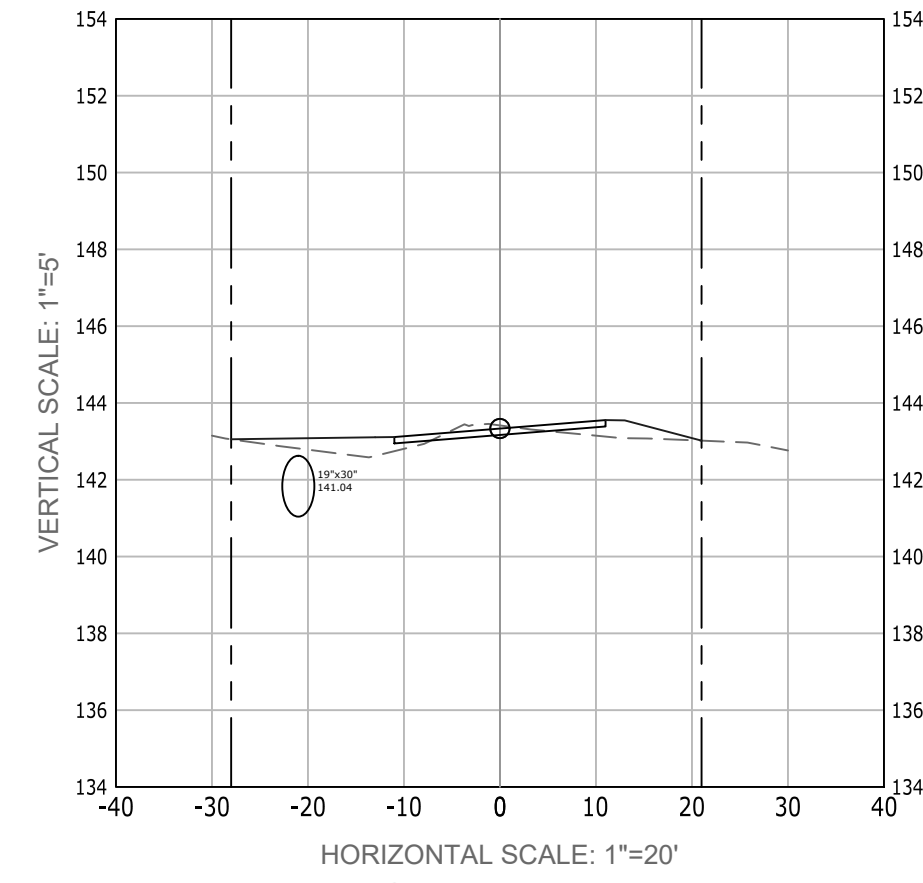
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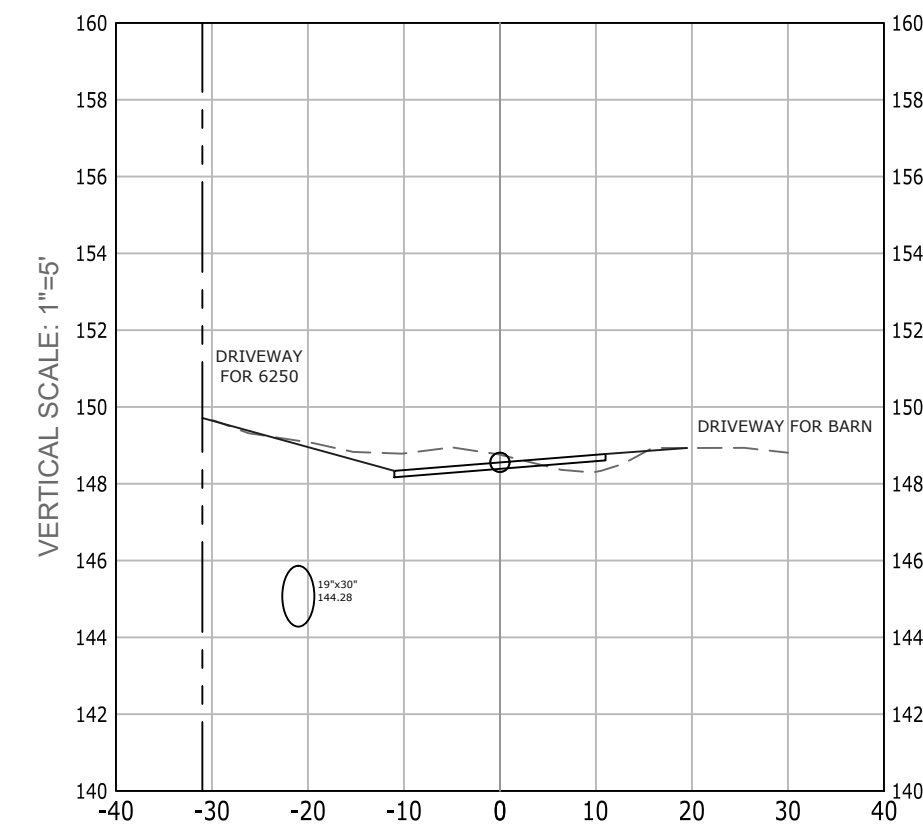
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Sta 9+50



Sta 11+00



Sta 8+87

PROFILE
 SCALE: HOR.: 1" = 20'
 VER.: 1" = 5'

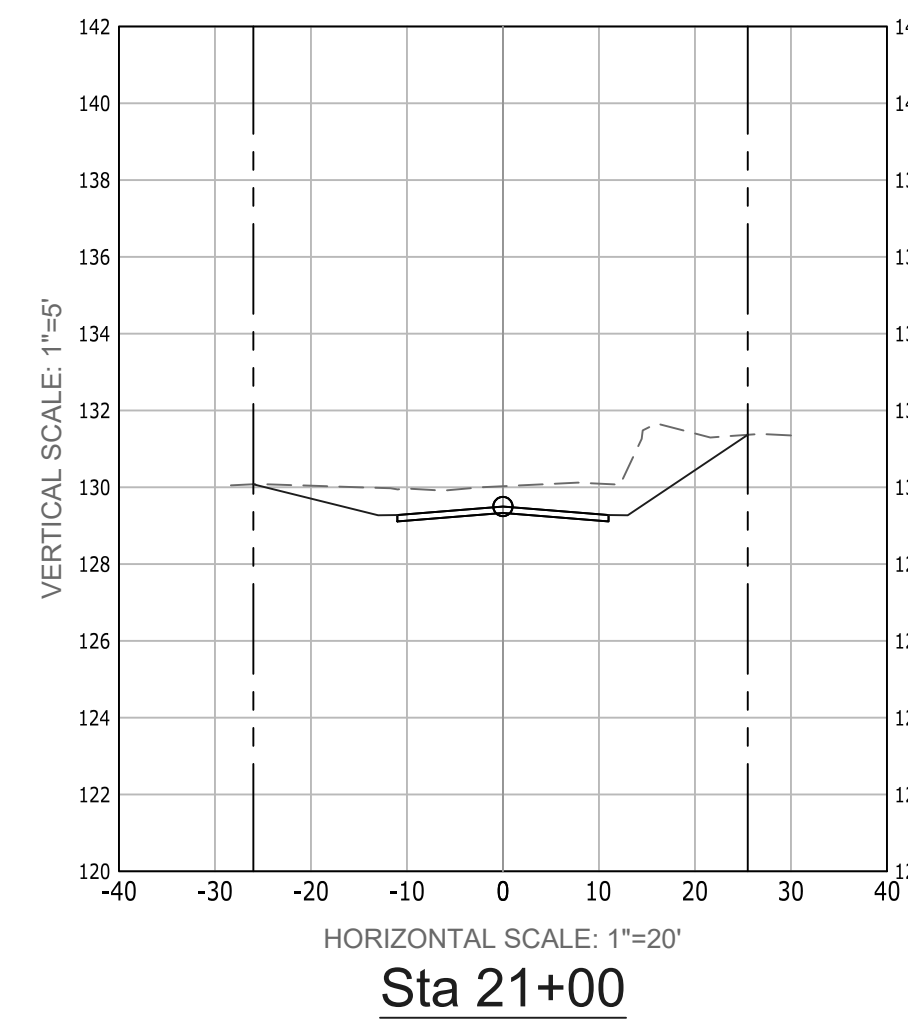
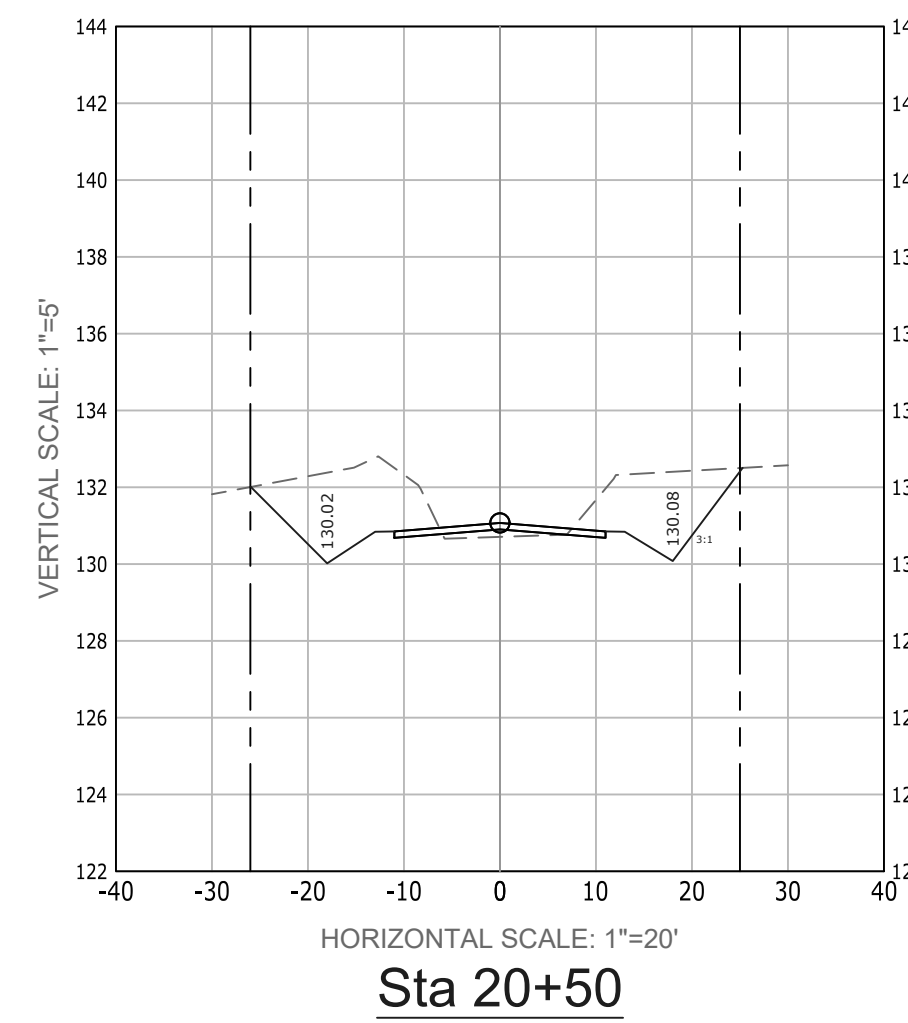
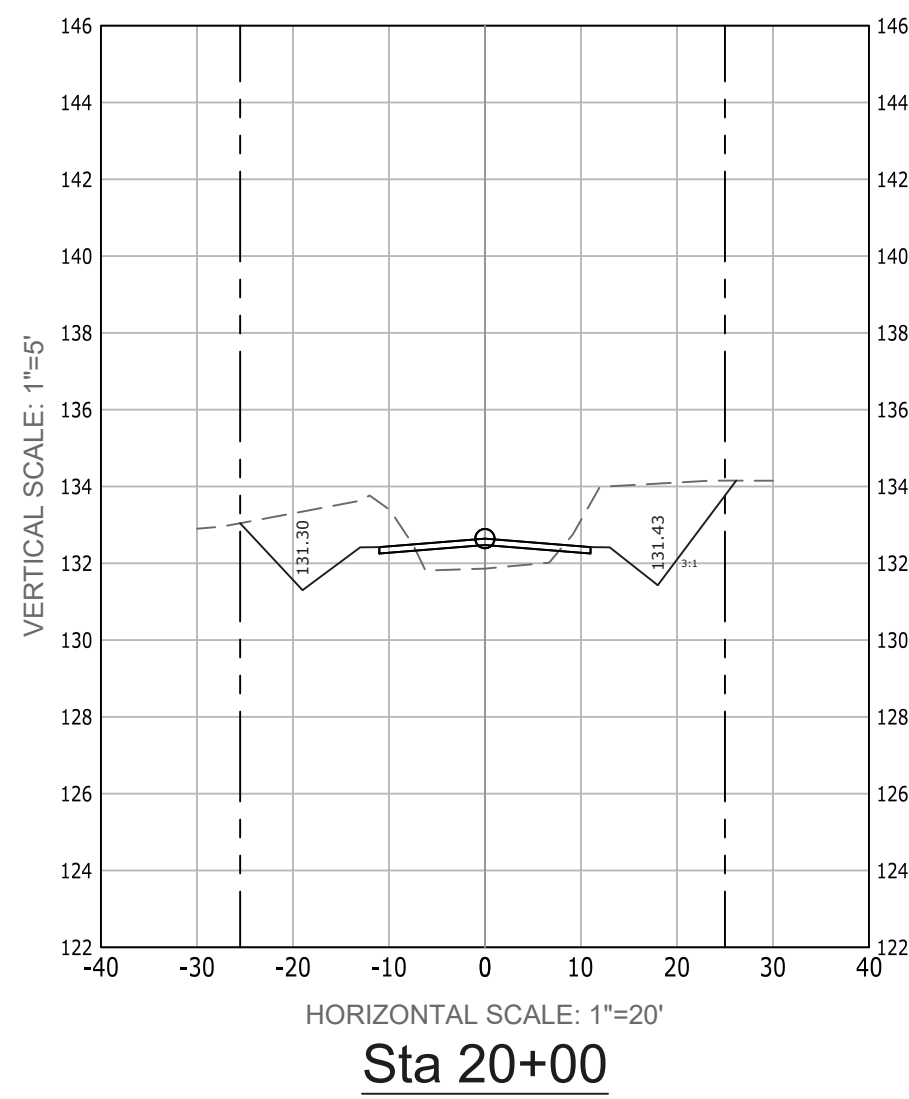
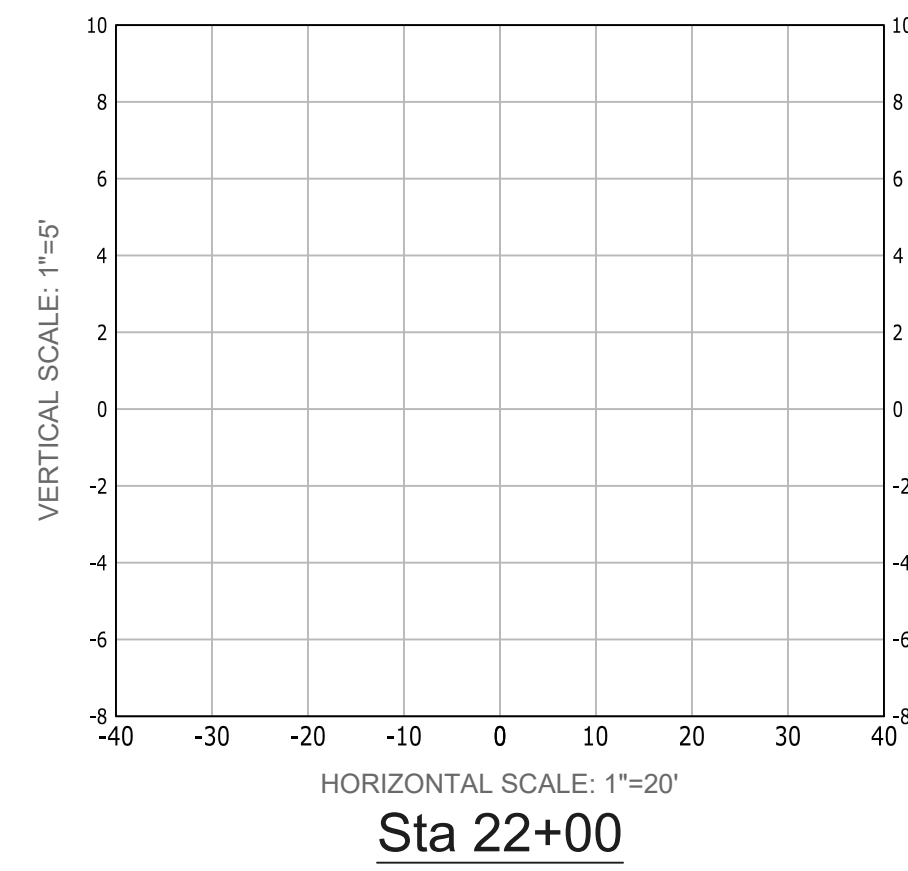
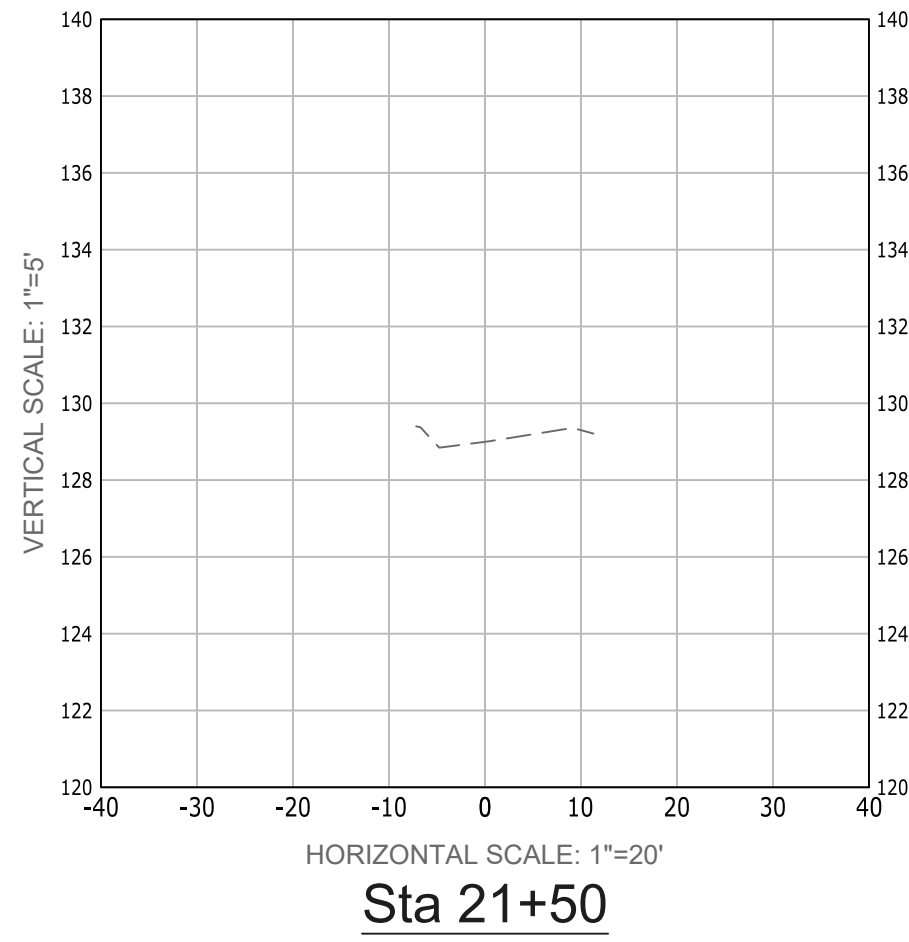
FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE
SECTIONS





EXCELLENCE IN ENGINEERING SERVICE
 8874 Turkey Butt Road
 Navarre, Florida 32566
 P: (850) 884-8732
MUNICIPAL ENGINEERING SERVICES INC. CERTIFICATE OF AUTHORIZATION: CA-30886
 CHECKED BY: WVP/JJ
 DISTRICT: 3
 PROJECT MANAGER: JOHN ROSENAU
 REG. P.E. NO.: 55393
 DATE: FEBRUARY 2023
 FIELD BOOK PAGES: 06/23/23/133
 SECTION/TOWNSHIP/RANGE: 06/23/23/133

DATE	APPROVED BY
REVISIONS	
DRAWING NUMBER	C-403
PROJECT NUMBER	170001-009
SURVEY NUMBER	L-6217
SHEET	19 OF 34

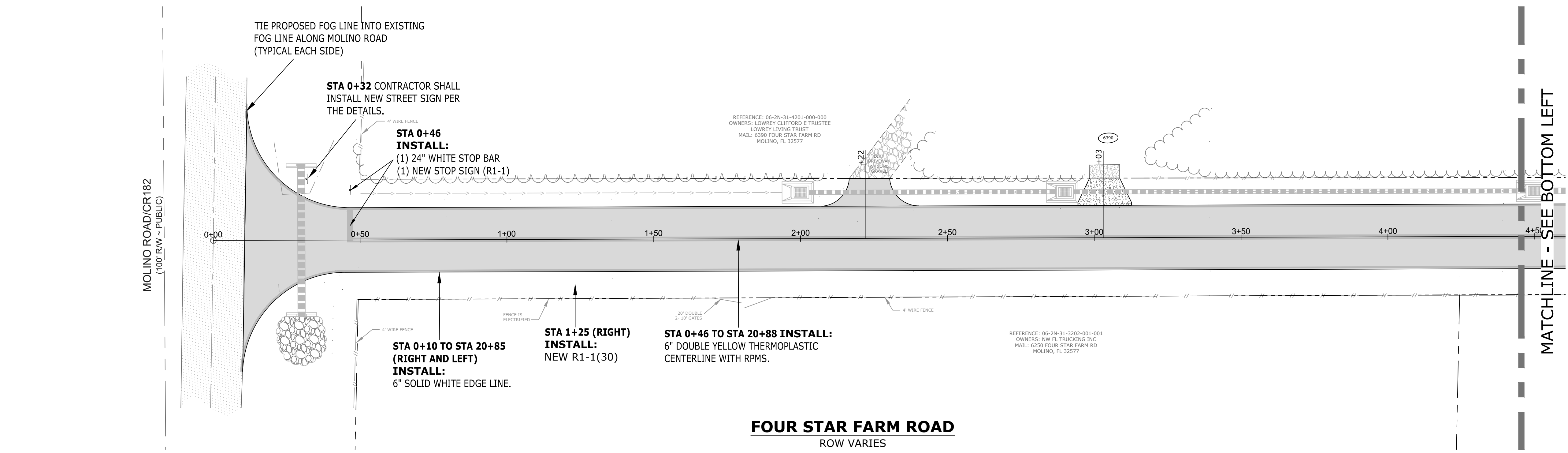
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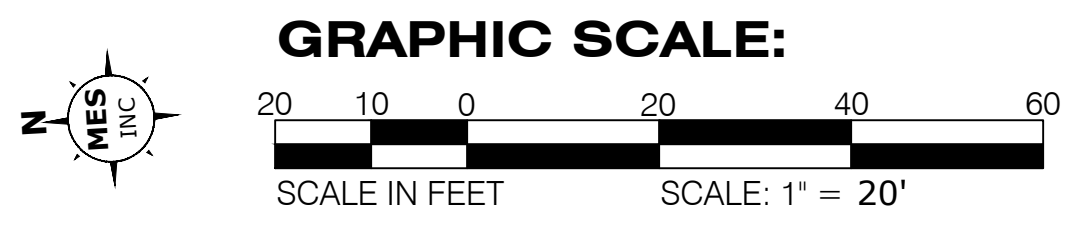
PROFILE
SCALE: HOR.: 1" = 20'
VER.: 1" = 5'

	
FOUR STAR FARM ROAD DIRT ROAD PAVING & DRAINAGE SECTIONS	
	
EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Bluff Road Navarre, Florida 32566 P: (850) 884-8732	
DESIGNED BY: DIEL	CHECKED BY: WVPJH
PROJECT MANAGER: JOHN ROSENAU	DISTRICT: 5
DRAWN BY: EMD	DATE: FEBRUARY 2023
FIELD BOOK PAGES: PB-5067P1-53	REG. P.E. NO.: 55393
SECTION: TOWNSHIP/RANGE 06/2N/31W	SIGNATURE: DATE: 02/23/23
REVISIONS	APPROVED BY
NUMBER	DATE
DRAWING NUMBER C-406	PROJECT NUMBER 170001-009
SURVEY NUMBER L-6217	SHEET 22 OF 34

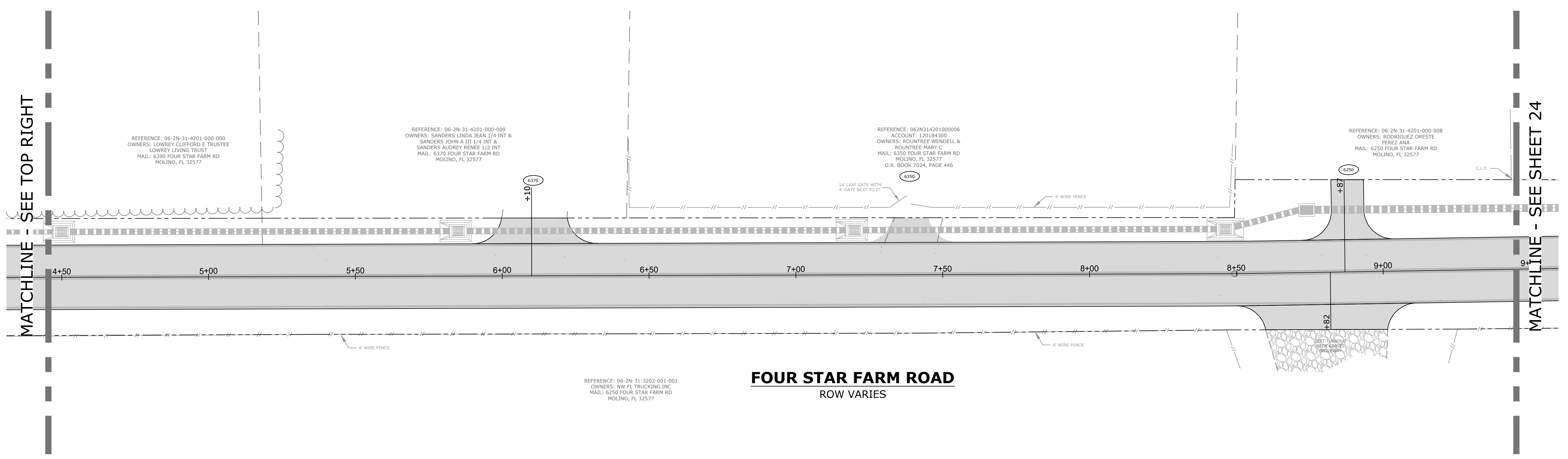
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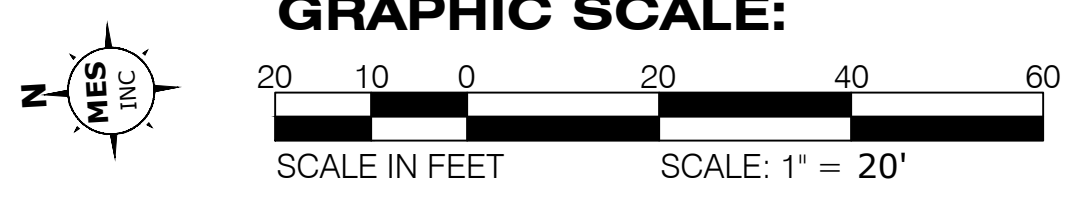
FOUR STAR FARM ROAD
ROW VARIES




- NOTES:**
1. ALL STRIPING SHALL BE THERMOPLASTIC AND INSTALLED PER F.D.O.T. INDEX #711-001.
 2. ALL STRIPING AND SIGNAGE SHALL MEET THE REQUIREMENTS OF THE F.D.O.T./COUNTY SPECIFICATIONS AND CURRENT M.U.T.C.D.
 3. RAISED PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH F.D.O.T. INDEX #706-001.

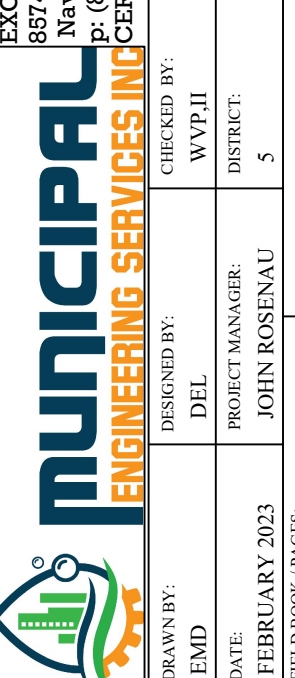


FOUR STAR FARM ROAD
ROW VARIES



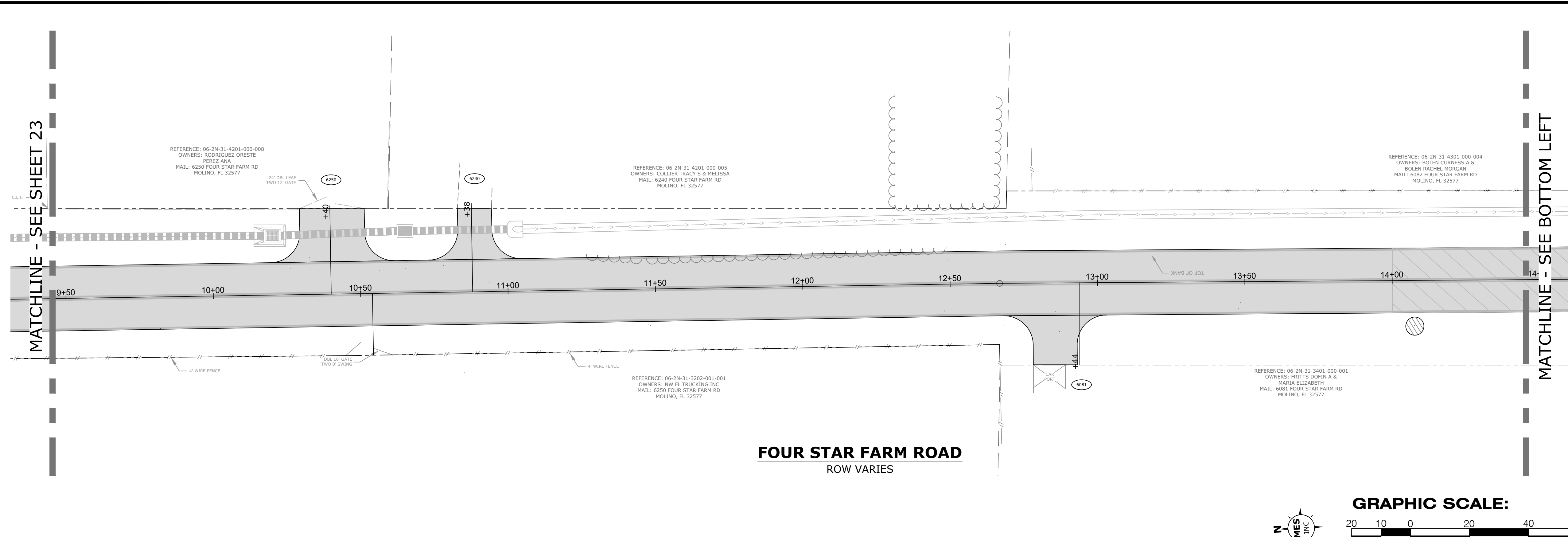
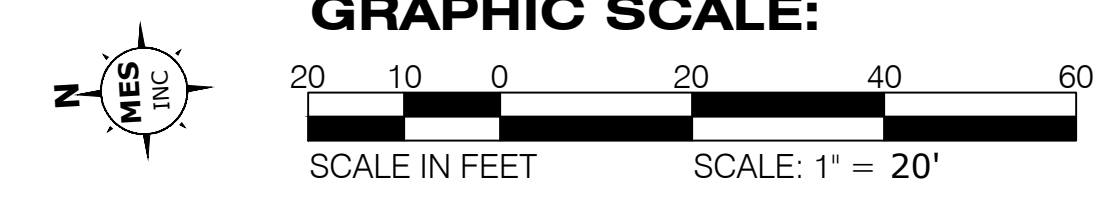
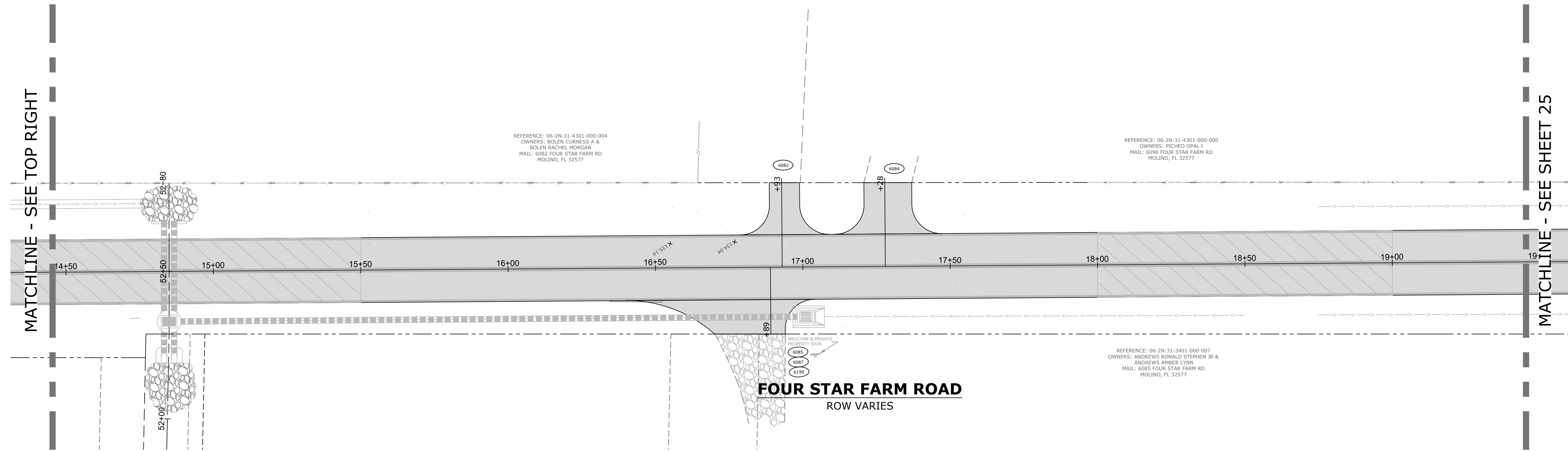


FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE
SIGNAGE AND PAVEMENT MARKINGS

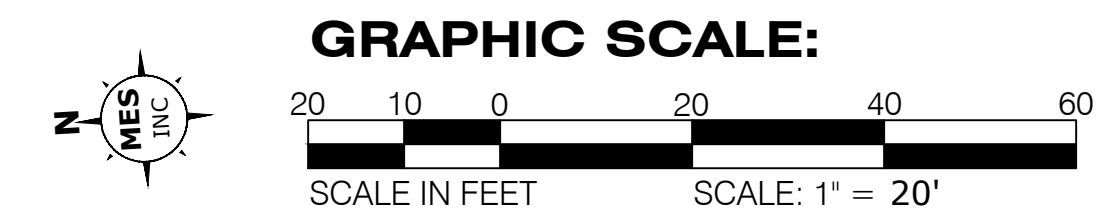
		EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Butt Road Navarre, Florida 32566 P: (850) 889-8732 F: (850) 889-8732	
DESIGNED BY:	DIEL	CHECKED BY:	WVP/JJ
DRAWN BY:	EMD	PROJECT MANAGER:	JOHN ROSENAU
DATE:	FEBRUARY 2023	DISTRICT:	5
FIELD BOOK NUMBER:	FB-20077-1-13	SECTION/TOWNSHIP/RANGE:	06-2N-31W
REG. FLA. ENG. NO.	55393	DATE:	
SIGNATURE:		DATE FILED:	

DRAWING NUMBER	C-501
PROJECT NUMBER	170001-009
SURVEY NUMBER	L-6217
SHEET	23 OF 34

PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	DATE	VERIFICATION, CHECKER (QR)	DATE
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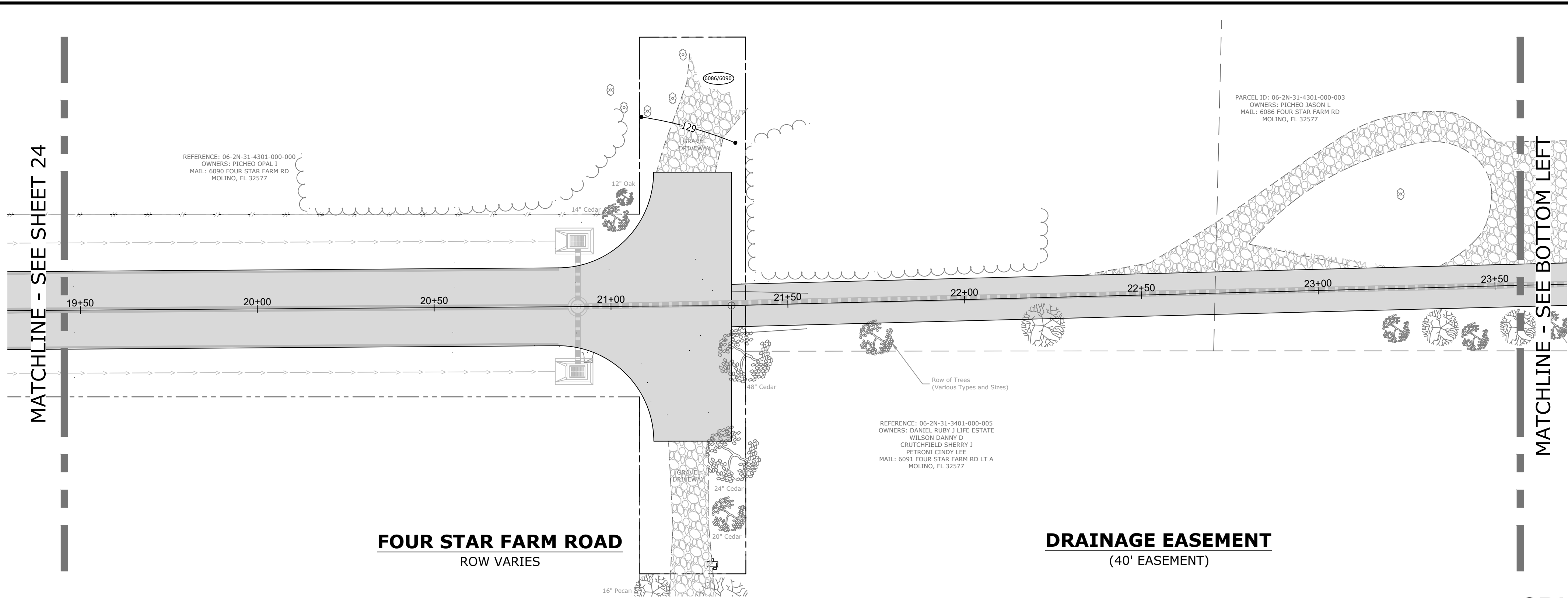


- NOTES:**
1. ALL STRIPING SHALL BE THERMOPLASTIC AND INSTALLED PER F.D.O.T. INDEX #711-001.
 2. ALL STRIPING AND SIGNAGE SHALL MEET THE REQUIREMENTS OF THE F.D.O.T./COUNTY SPECIFICATIONS AND CURRENT M.U.T.C.D.
 3. RAISED PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH F.D.O.T. INDEX #706-001.



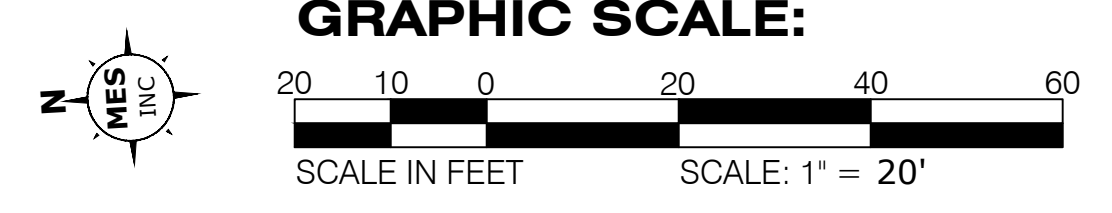
FOUR STAR FARM ROAD DIRT ROAD PAVING & DRAINAGE SIGNAGE AND PAVEMENT MARKINGS	
	EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Butte Road Navarre, Florida 32566 P: (850) 889-8732 F: (850) 889-8732
DESIGNED BY: DIEI CHECKED BY: WVPJ PROJECT MANAGER: JOHN ROSENAU DATE: FEBRUARY 2023 DRAWN BY: EMD FIELD BOOK: PAGES: PB-5067P1-53	REG. TIA. NO. 55393 DISTRICT 5 SECTION/TOWNSHIP/RANGE 06-2N-31W
DATE: 02/23/23 SIGNATURE:	DATE: 02/23/23 SIGNATURE:
DRAWING NUMBER: C-502 PROJECT NUMBER: 170001-009 SURVEY NUMBER: L-6217	SHEET 24 OF 34

PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	DATE	VERIFICATION, CHECKER (QR)	DATE
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SIGNATURE:		CHECKER (RP)	DATE	CORRECT (Red Pen X-Out to Disagree or Remark)	DATE	REMARK INCORPORATION (Blue Highlighter)	DATE
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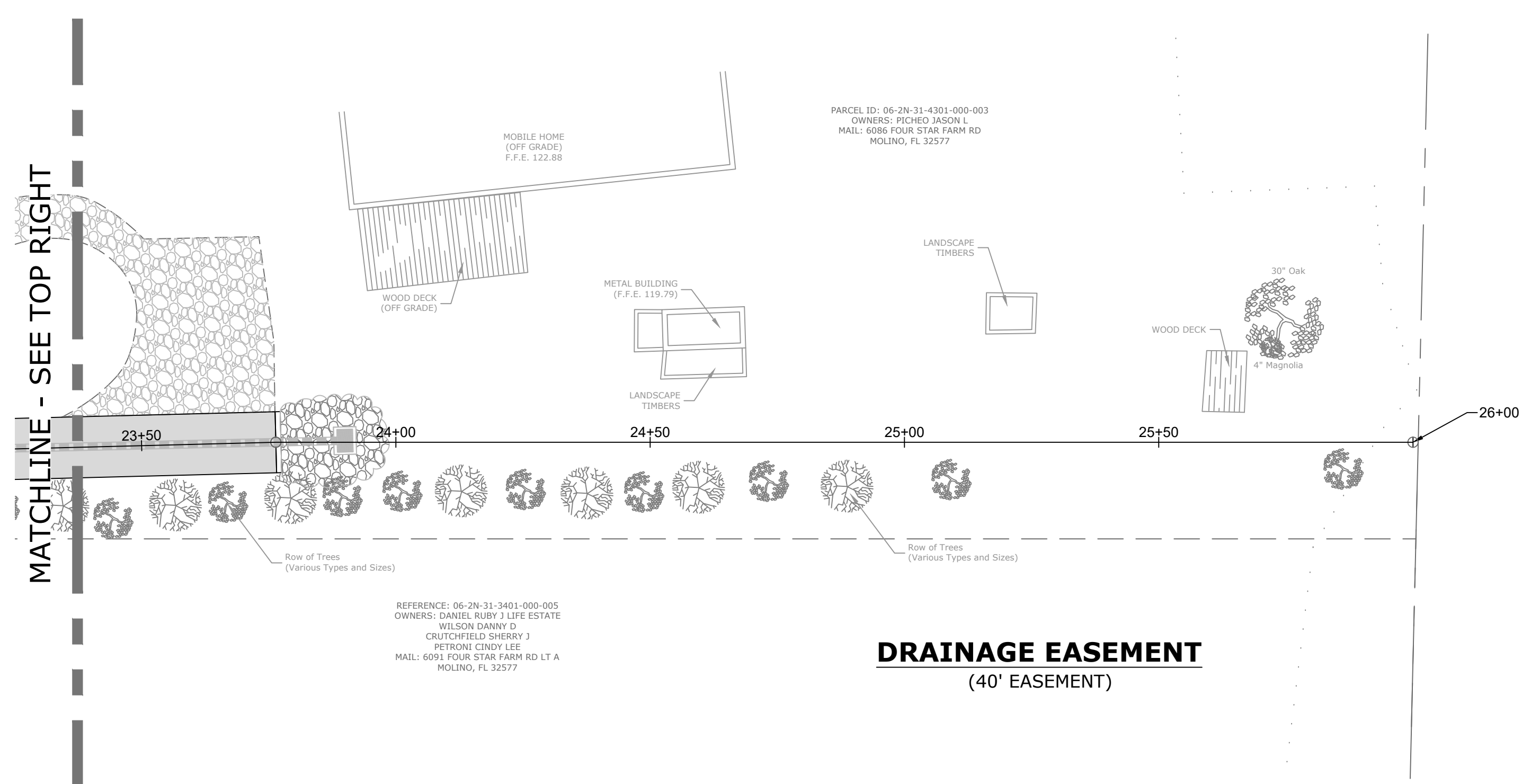


FOUR STAR FARM ROAD
ROW VARIES

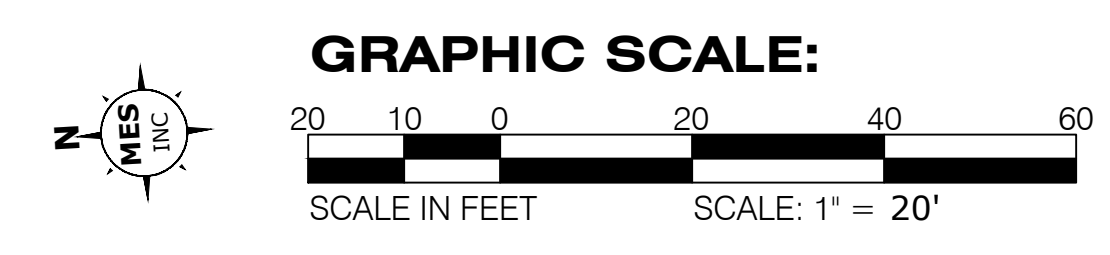
DRAINAGE EASEMENT
(40' EASEMENT)



- NOTES:**
1. ALL STRIPING SHALL BE THERMOPLASTIC AND INSTALLED PER F.D.O.T. INDEX #711-001.
 2. ALL STRIPING AND SIGNAGE SHALL MEET THE REQUIREMENTS OF THE F.D.O.T./COUNTY SPECIFICATIONS AND CURRENT M.U.T.C.D.
 3. RAISED PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH F.D.O.T. INDEX #706-001.



DRAINAGE EASEMENT
(40' EASEMENT)



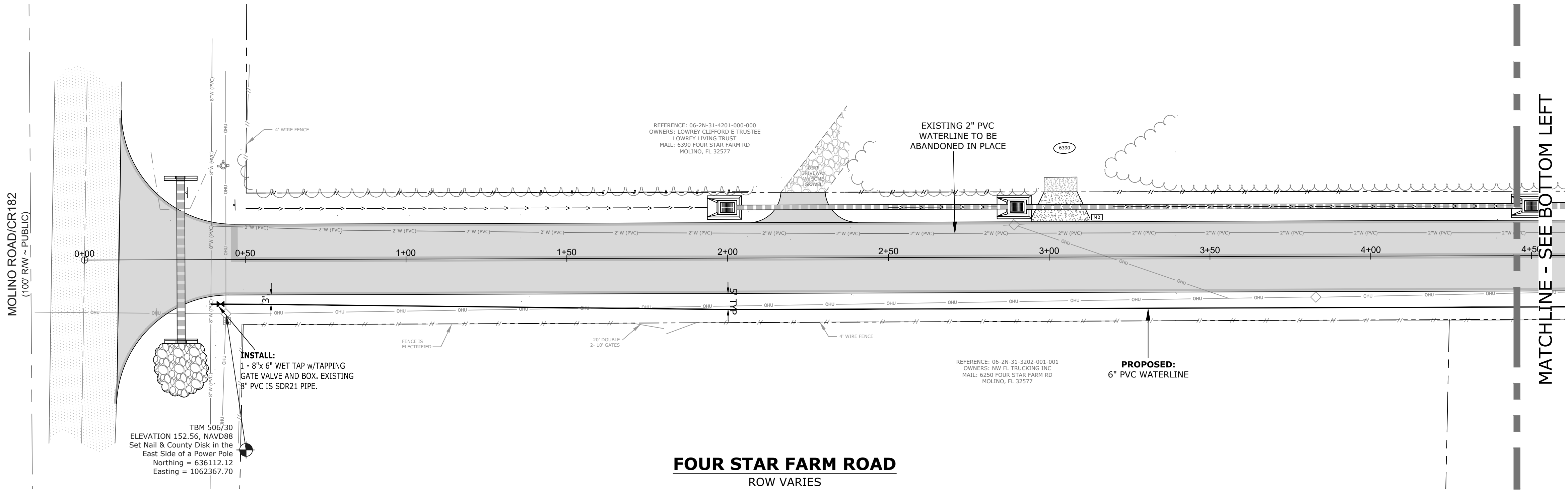
FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE
SIGNAGE AND PAVEMENT MARKINGS

MUNICIPAL ENGINEERING SERVICES INC.	EXCELLENCE IN ENGINEERING SERVICE 8874 Turkey Bluff Road Navarre, Florida 32566 P: (850) 869-8702	REG. FLA. ENG. NO. 55393	DATE
	DESIGNED BY: DIEL	CHECKED BY: WVPJJ	SIGNATURE
DRAWN BY: EMD	PROJECT MANAGER: JOHN ROSENAU	DISTRICT: 5	DATE E. LONG: P.E.
DATE: FEBRUARY 2023	SECTION: TOWNSHIP/RANGE 06/2N/31W		
FIELD BOOK: PAGES: PB-306/PP-143			

REVISIONS	DATE	APPROVED BY

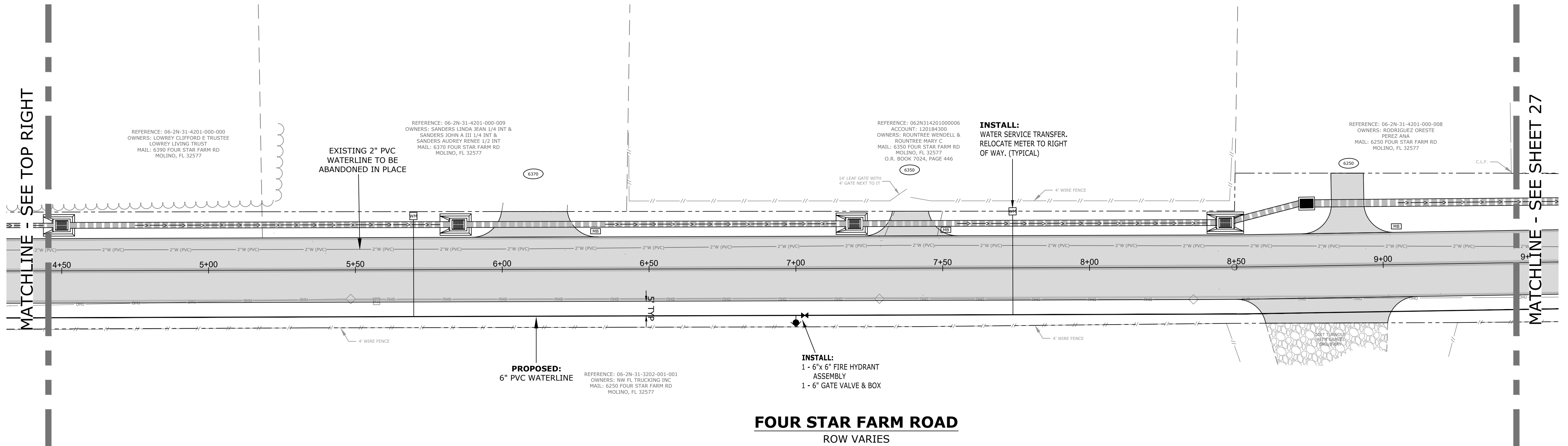
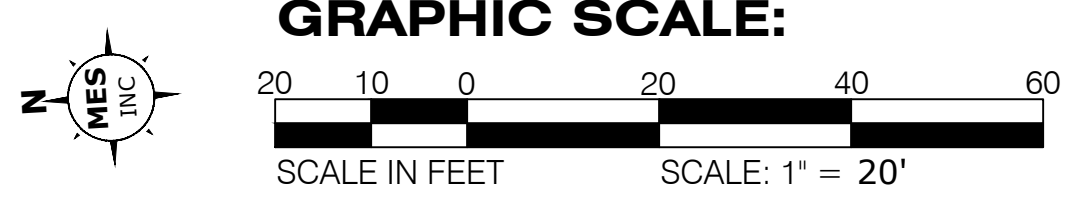
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PROJECT NUMBER	170001-009
SURVEY NUMBER	L-6217
SHEET	25 OF 34

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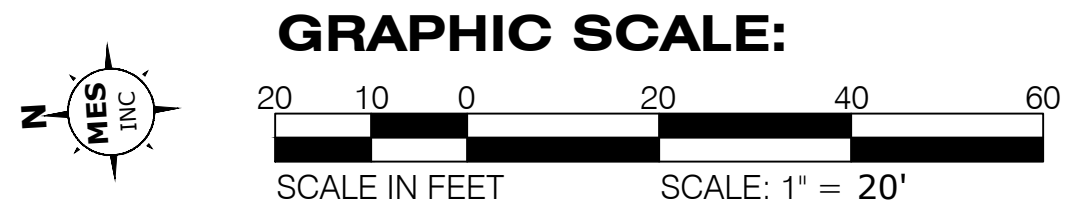


FOUR STAR FARM ROAD
ROW VARIES

- NOTES:**
- CONTRACTOR SHALL COORDINATE ALL OUTAGES, CONFLICTS AND CONNECTIONS TO EXISTING WATER SYSTEM WITH MOLINO UTILITIES - RANDY WEAVER - (850) 587-5538.
 - EXISTING WATER SERVICES SHALL BE RELOCATED TO THE RIGHT-OF-WAY. THE CONTRACTOR SHALL COORDINATE THIS EFFORT WITH THE UTILITY.
 - THE CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES NOT SPECIFICALLY SHOWN TO BE RELOCATED.
 - WATER SERVICES THAT NEED TO BE RELOCATED TO THE RIGHT-OF-WAY OR OUT OF THE WAY OF THE PROPOSED CONSTRUCTION SHALL BE RENEWED WITH NEW 1" TUBING, AS WELL AS SERVICE SADDLE, TAP AND CORPORATION STOP. EXISTING SERVICE TO BE ABANDONED SHALL BE REMOVED FROM END OF CORPORATION STOP. CORPORATION STOP SHALL BE CLOSED AND PLUGGED WITH A BRASS PLUG.
 - THE CONTRACTOR IS ADVISED THAT SERVICE CONNECTIONS (IF REQUIRED) ON THE CUSTOMER SIDE OF THE METER MAY REQUIRE A PLUMBER'S LICENSE AND A PERMIT FROM THE AGENCY HAVING JURISDICTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ADHERE TO ALL FEDERAL, STATE, AND LOCAL REGULATIONS AS APPLICABLE.
 - CONTRACTOR SHALL USE CAUTION WHILE INSTALLING PROPOSED WATERLINE NEAR TREES TO REMAIN. CONTRACTOR SHALL HAND DIG WHEN NECESSARY TO PROTECT TREE ROOTS WHEN DIGGING WITHIN THE TREE CANOPY.
 - EXISTING WATERLINE SHALL BE ABANDONED IN PLACE. ONCE NEW WATERLINES ARE INSTALLED, TESTED, DISINFECTED, CLEARED BY FDEP, ALL SERVICES TRANSFERRED & CONNECTED TO EXISTING WATERLINES TO REMAIN, THE EXISTING LINES TO BE ABANDONED SHALL BE DRAINED AND CAPPED.
 - ALL EXISTING VALVES LOCATED ON ABANDONED LINES SHALL BE CLOSED. VALVE BOXES AND LIDS SHALL BE REMOVED AND VOID BACKFILLED WITH DIRT.
 - CONTRACTOR SHALL PROVIDE FITTINGS (BENDS) AS MAY BE REQUIRED TO CONSTRUCT THE PROPOSED WATERLINE WHETHER SPECIFICALLY CALLED FOR ON THE PLANS OR NOT. REQUIRED BENDS NOT SPECIFICALLY CALLED FOR ON THE PLANS WILL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION.
 - WHILE NOT SHOWN ON THE PLANS FOR CLARITY, JOINT RESTRAINTS SHALL BE PROVIDED AS REQUIRED AND IN ACCORDANCE WITH THE TYPICAL DETAILS.
 - THE CONTRACTOR IS CAUTIONED THAT THE EXISTING 8" WATERLINE LOCATED ALONG CR99 IS ASBESTOS CEMENT. REMOVAL AND DISPOSAL OF ANY EXISTING ASBESTOS CEMENT WATERLINE SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.



FOUR STAR FARM ROAD
ROW VARIES

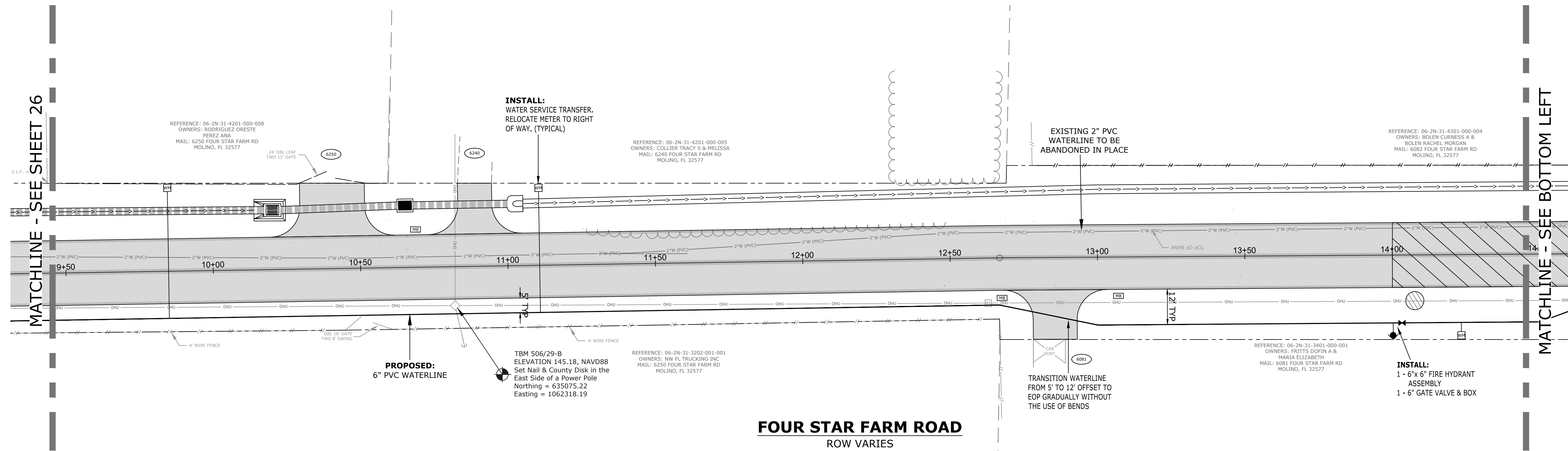


FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE
UTILITY RELOCATION PLAN



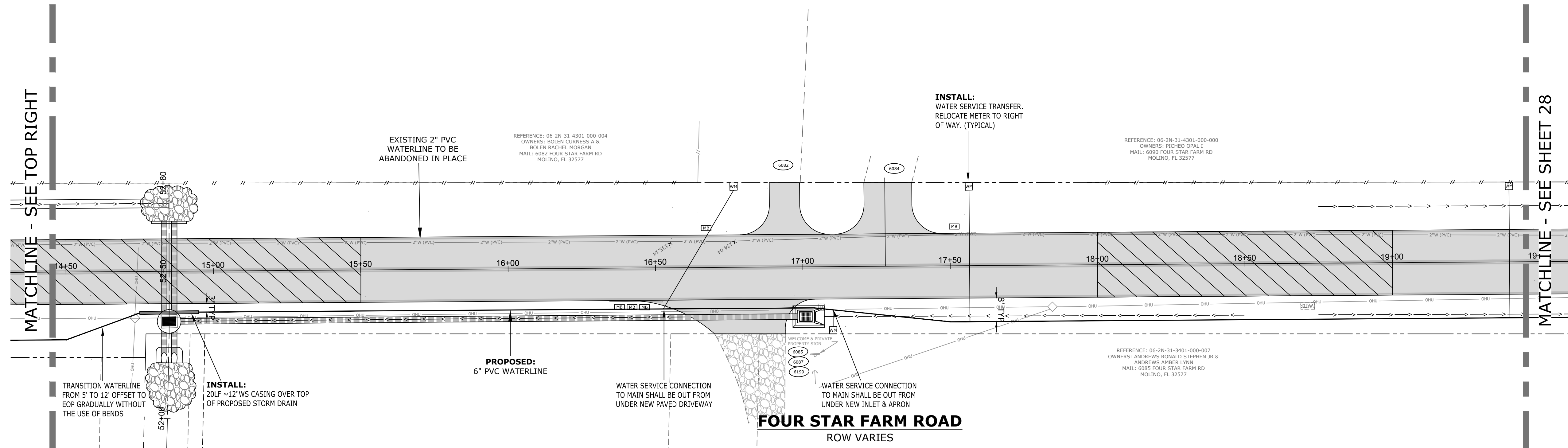
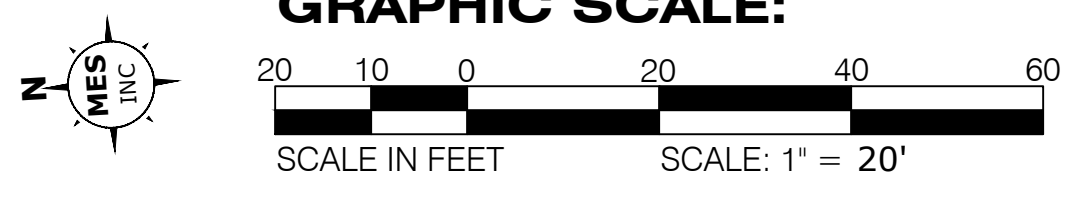
MUNICIPAL ENGINEERING SERVICES INC	EXCELLENCE IN ENGINEERING SERVICE	8874 Turkey Butt Road Navarre, Florida 32566 P: (850) 869-8732 F: (850) 869-8732	REG. FLA. ENG. NO.	DATE	
	CERTIFICATE OF AUTHORIZATION: CA-30886		55393		
DESIGNED BY:	DIEL	PROJECT MANAGER:	JOHN ROSENAU	DISTRICT:	5
CHECKED BY:	WVPJH	SECTION:	TOWNSHIP RANGE	06-2N-31W	DATE E. LONG P.E.
DRAWN BY:	EMD	DATE:	FEBRUARY 2023	FIELD BOOK: PAGES:	PS-30677-1-13
DATE:					
APPROVED BY:					
REVISIONS:					
DRAWING NUMBER:	C-601	PROJECT NUMBER:	170001-009	SURVEY NUMBER:	L-6217
SHEET:	26	OF:	34		

PHASE	REVIEW	DATE	ORIGINATOR (QR)	CHECKER (RP)	DATE	VERIFICATION, CHECKER (QR)	DATE
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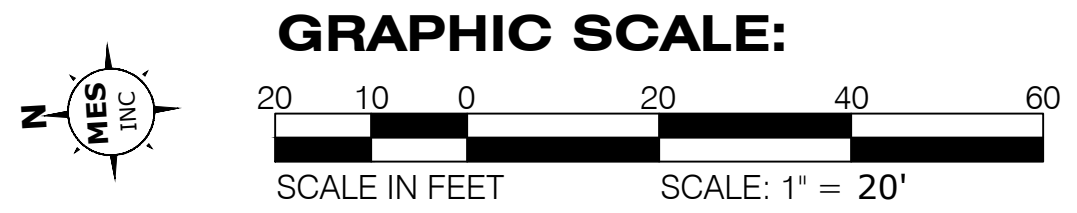


FOUR STAR FARM ROAD
ROW VARIES

- NOTES:**
- CONTRACTOR SHALL COORDINATE ALL OUTAGES, CONFLICTS AND CONNECTIONS TO EXISTING WATER SYSTEM WITH MOLINO UTILITIES - RANDY WEAVER - (850) 587-5538.
 - EXISTING WATER SERVICES SHALL BE RELOCATED TO THE RIGHT-OF-WAY. THE CONTRACTOR SHALL COORDINATE THIS EFFORT WITH THE UTILITY.
 - THE CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES NOT SPECIFICALLY SHOWN TO BE RELOCATED.
 - WATER SERVICES THAT NEED TO BE RELOCATED TO THE RIGHT-OF-WAY OR OUT OF THE WAY OF THE PROPOSED CONSTRUCTION SHALL BE RENEWED WITH NEW 1" TUBING, AS WELL AS SERVICE SADDLE, TAP AND CORPORATION STOP. EXISTING SERVICE TO BE ABANDONED SHALL BE REMOVED FROM END OF CORPORATION STOP. CORPORATION STOP SHALL BE CLOSED AND PLUGGED WITH A BRASS PLUG.
 - THE CONTRACTOR IS ADVISED THAT SERVICE CONNECTIONS (IF REQUIRED) ON THE CUSTOMER SIDE OF THE METER MAY REQUIRE A PLUMBER'S LICENSE AND A PERMIT FROM THE AGENCY HAVING JURISDICTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ADHERE TO ALL FEDERAL, STATE, AND LOCAL REGULATIONS AS APPLICABLE.
 - CONTRACTOR SHALL USE CAUTION WHILE INSTALLING PROPOSED WATERLINE NEAR TREES TO REMAIN. CONTRACTOR SHALL HAND DIG WHEN NECESSARY TO PROTECT TREE ROOTS WHEN DIGGING WITHIN THE TREE CANOPY.
 - EXISTING WATERLINE SHALL BE ABANDONED IN PLACE. ONCE NEW WATERLINES ARE INSTALLED, TESTED, DISINFECTED, CLEARED BY FDEP, ALL SERVICES TRANSFERRED & CONNECTED TO EXISTING WATERLINES TO REMAIN, THE EXISTING LINES TO BE ABANDONED SHALL BE DRAINED AND CAPPED.
 - ALL EXISTING VALVES LOCATED ON ABANDONED LINES SHALL BE CLOSED. VALVE BOXES AND LIDS SHALL BE REMOVED AND VOID BACKFILLED WITH DIRT.
 - CONTRACTOR SHALL PROVIDE FITTINGS (BENDS) AS MAY BE REQUIRED TO CONSTRUCT THE PROPOSED WATERLINE WHETHER SPECIFICALLY CALLED FOR ON THE PLANS OR NOT. REQUIRED BENDS NOT SPECIFICALLY CALLED FOR ON THE PLANS WILL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION.
 - WHILE NOT SHOWN ON THE PLANS FOR CLARITY, JOINT RESTRAINTS SHALL BE PROVIDED AS REQUIRED AND IN ACCORDANCE WITH THE TYPICAL DETAILS.
 - THE CONTRACTOR IS CAUTIONED THAT THE EXISTING 8" WATERLINE LOCATED ALONG CR99 IS ASBESTOS CEMENT. REMOVAL AND DISPOSAL OF ANY EXISTING ASBESTOS CEMENT WATERLINE SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.



FOUR STAR FARM ROAD
ROW VARIES

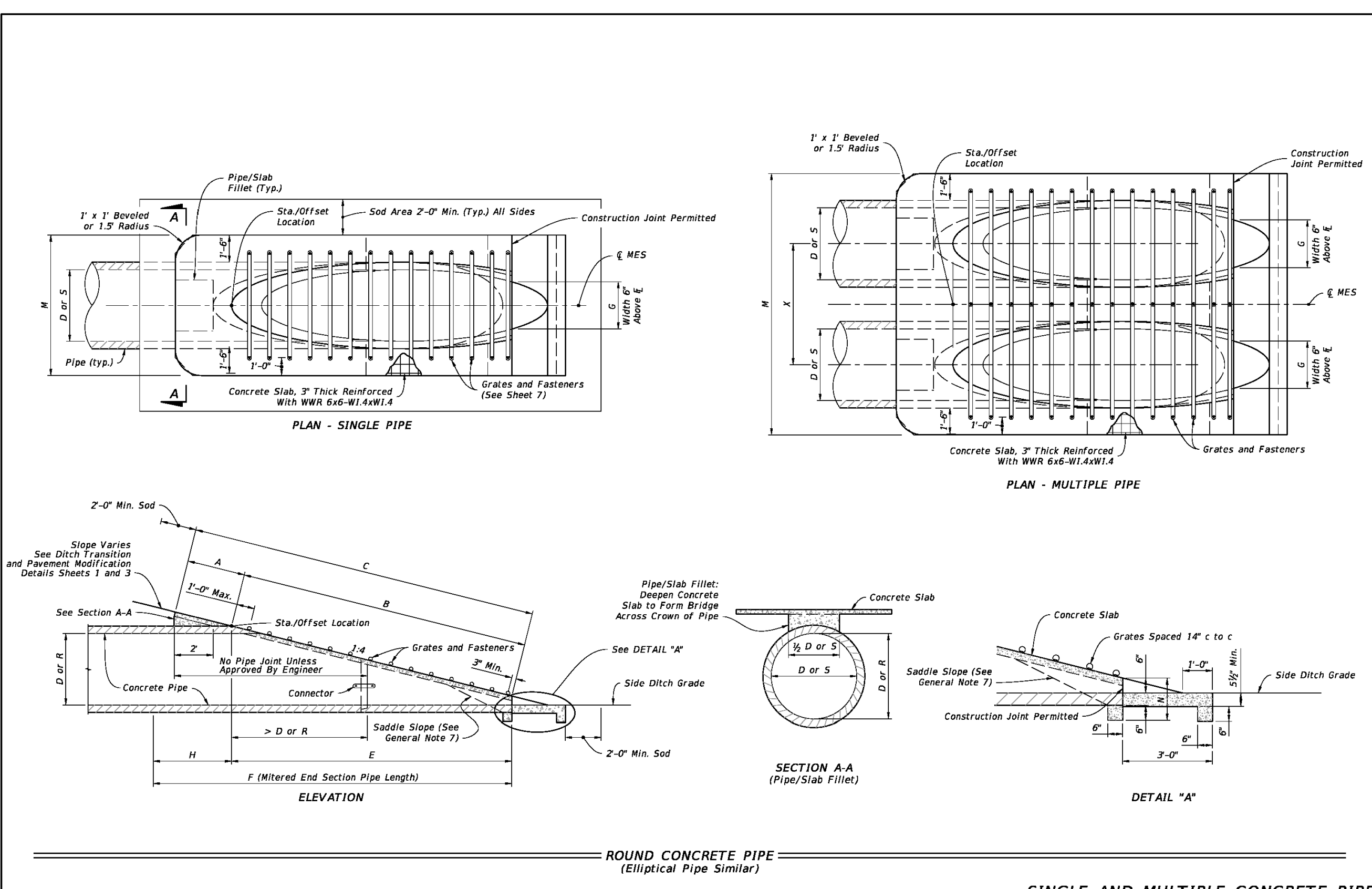


**FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE
UTILITY RELOCATION PLAN**



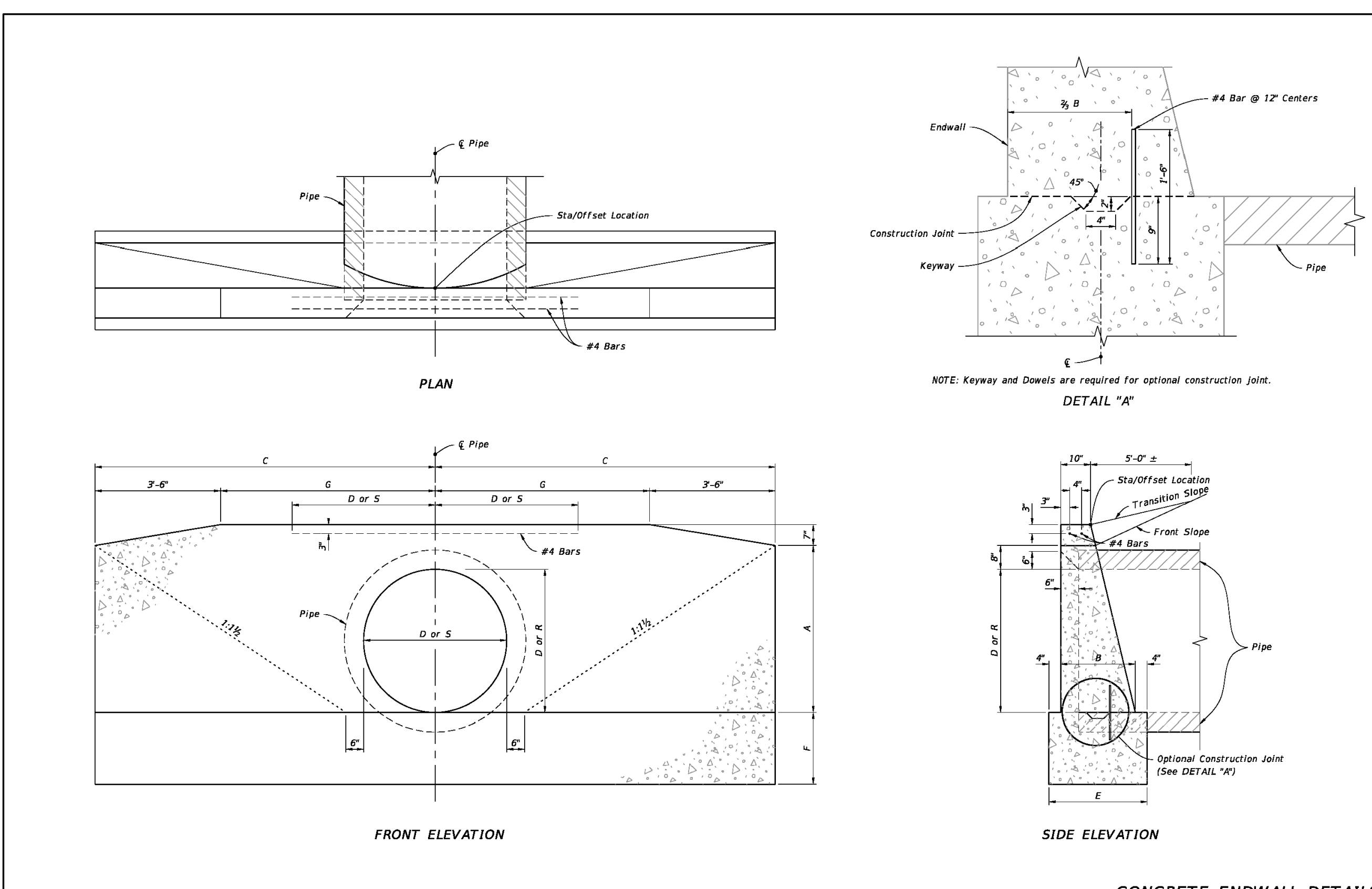
<p>MUNICIPAL ENGINEERING SERVICES INC. 8874 Turkey Buft Road Navarre, Florida 32566 P: (850) 889-8732 F: (850) 889-8732</p>	<p>EXCELLENCE IN ENGINEERING SERVICE REG. FLA. ENG. NO. 55393 DATE: FEBRUARY 2023</p>	<p>CERTIFICATE OF AUTHORIZATION: CA-30886 DATE: 5/5/93</p>
	<p>CHECKED BY: WVPJ DISTRICT: 5</p>	<p>DESIGNED BY: DJL PROJECT MANAGER: JOHN ROSENAU</p>
<p>SECTION: TOWNSHIP RANGE 06-2N-31W</p>	<p>SIGNATURE: _____ DATE: _____</p>	<p>DATE: _____</p>
<p>FIELD BOOK: PAGES PB-5067P1-13</p>	<p>DATE: _____</p>	<p>DATE: _____</p>
<p>DRAWING NUMBER: C-602</p>	<p>PROJECT NUMBER: 170001-009</p>	<p>SURVEY NUMBER: L-6217</p>
<p>SHEET 27 OF 34</p>	<p>DATE: _____</p>	<p>DATE: _____</p>

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



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LAST REVISION	DESCRIPTION:	INDEX	SHEET
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PIPE	Span	Rise	Opening Area (SF)	Dimensions	Class I Concrete (CY)	Class II Concrete (CY)	Class III Concrete (CY)	Class IV Concrete (CY)	Class V Concrete (CY)	Class VI Concrete (CY)	Class VII Concrete (CY)	Class VIII Concrete (CY)	Class IX Concrete (CY)	Class X Concrete (CY)	Class XI Concrete (CY)	Class XII Concrete (CY)	Class XIII Concrete (CY)	Class XIV Concrete (CY)	Class XV Concrete (CY)	Class XVI Concrete (CY)	Class XVII Concrete (CY)	Class XVIII Concrete (CY)	Class XIX Concrete (CY)	Class XX Concrete (CY)	Class XXI Concrete (CY)	Class XXII Concrete (CY)	Class XXIII Concrete (CY)	Class XXIV Concrete (CY)	Class XXV Concrete (CY)	Class XXVI Concrete (CY)	Class XXVII Concrete (CY)	Class XXVIII Concrete (CY)	Class XXIX Concrete (CY)	Class XXX Concrete (CY)	
12"	1.3	2.6	3.9	5.2	1'-0"	1'-2"	1'-4"	1'-6"	1'-8"	1'-10"	1'-12"	1'-14"	1'-16"	1'-18"	1'-20"	1'-22"	1'-24"	1'-26"	1'-28"	1'-30"	1'-32"	1'-34"	1'-36"	1'-38"	1'-40"	1'-42"	1'-44"	1'-46"	1'-48"	1'-50"	1'-52"	1'-54"	1'-56"	1'-58"	1'-60"

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LAST REVISION	DESCRIPTION:	INDEX	SHEET
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FOUR STAR FARM ROAD
DIRT ROAD PAVING & DRAINAGE
PROJECT DETAILS

EXCELLENCE IN ENGINEERING SERVICE
8874 Turkey Bull Road
Newport, Florida 32566
P: (850) 895-8732
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REG. REG. NO. 55393
ENGINEERING SERVICES INC. CERTIFICATE OF AUTHORIZATION: CS-30886
DESIGNED BY: WVP/JJ
CHECKED BY: WVP/JJ
DISTRICT: 3
PROJECT MANAGER: JOHN ROSENAU
SECTION: TOWNSHIP RANGE
DRAWN BY: FEBRUARY 2023
FIELD BOOK: PAGES: 1-13
DATE: 02/23/23
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