

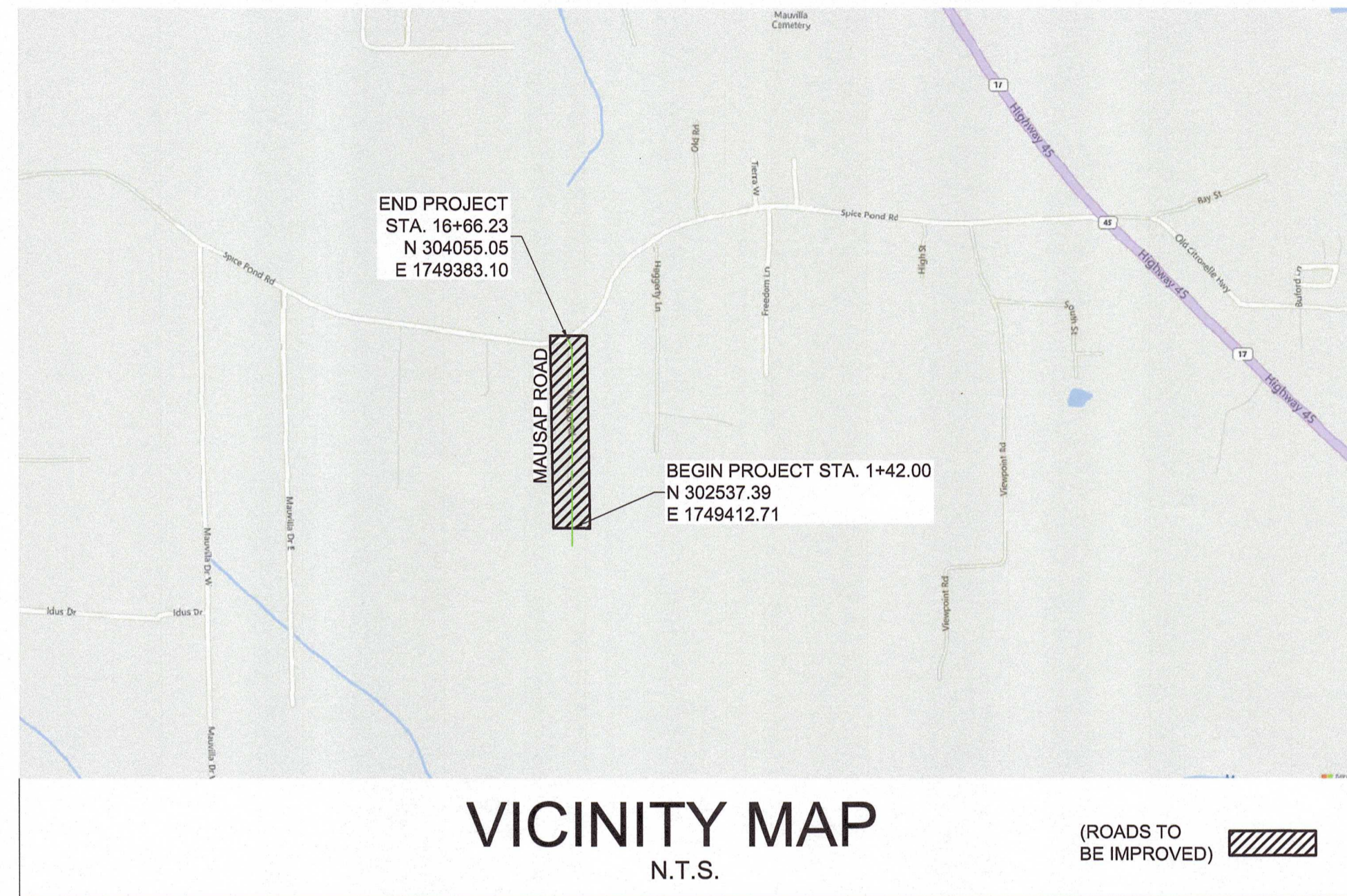
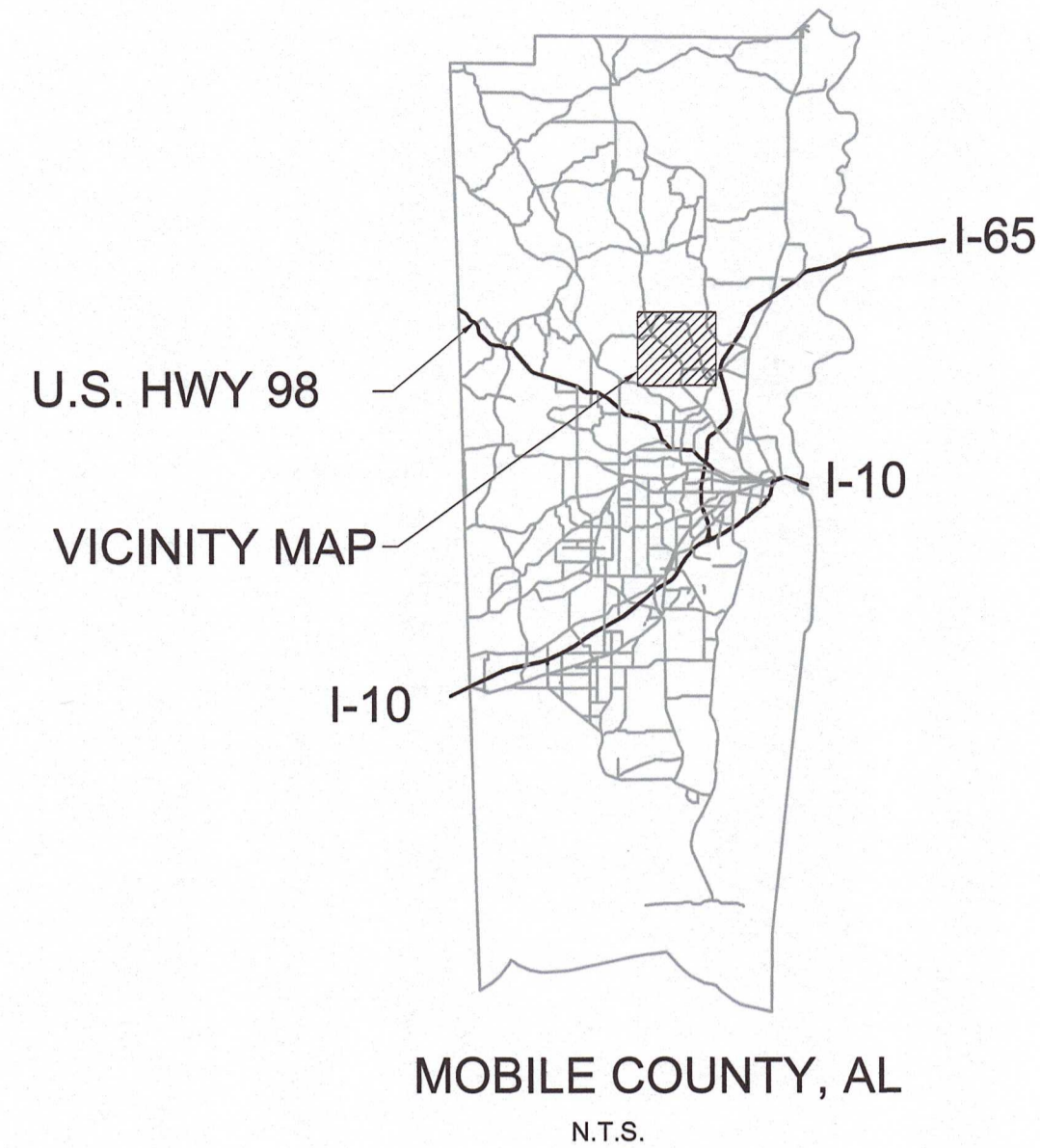
MOBILE COUNTY, ALABAMA

PROJECT NO. CDP-121-22, MCD1-PW-23-001

MAUSAP ROAD

ROADWAY IMPROVEMENTS

SITE LOCATED IN SEC. 32, T-2-S, R-2-W
EIGHT MILE, ALABAMA



INDEX OF DRAWINGS

| SHEET # | TITLE |
|---------------|--|
| SHEET C01 | COVER SHEET |
| SHEET C02 | NOTES AND LEGEND SHEET |
| SHEET C03 | TYPICAL SECTION AND QUANTITIES |
| SHEET C04-C05 | PLAN AND PROFILES |
| SHEET C06 | INTERSECTION AND PIPE CROSSING DETAILS |
| SHEET C07-C13 | CROSS SECTIONS |
| SHEET C14 | EROSION CONTROL PLAN |
| SHEET C15 | EROSION CONTROL DETAILS |
| SHEET C16 | TRAFFIC CONTROL PLAN |
| SHEET C17 | TRAFFIC CONTROL DETAILS |

Dig Safely. Alabama Call

UNDERGROUND UTILITY NOTE

UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED. THE UTILITIES SHOWN MAY NOT BE A COMPLETE REPRESENTATION OF ALL UTILITY LINES IN THE PROJECT AREA. CONTRACTOR IS REQUIRED TO CONTACT ALABAMA ONE CALL PRIOR TO DIGGING (1-800-292-3525) (WWW.AL1CALL.COM). OTHER UTILITIES (INCLUDING PRIVATE UTILITIES OUTSIDE A PUBLIC RIGHT-OF-WAY) THAT DO NOT PARTICIPATE IN THE ALABAMA ONE CALL LINE LOCATION SERVICE NEED TO BE CONTACTED INDIVIDUALLY AND/OR PHYSICALLY LOCATED BY THE CONTRACTOR.

FOR REFERENCE ONLY
NOT FOR BIDDING
CONTRACTORS MUST PURCHASE
PLANS FROM AND REGISTER
WITH THE ENGINEER TO BE
ELIGIBLE TO BID

BENCH MARKS:

- HORIZONTAL COORDINATES SHOWN ARE ALABAMA STATE PLANE COORDINATES, WEST ZONE, NAD 83.
- ELEVATIONS SHOWN ARE NAVD88 VERTICAL DATUM.
- HORIZONTAL AND VERTICAL DATA WAS DETERMINED BY RTK GPS OBSERVATIONS REFERENCING THE FOLLOWING CORS STATIONS:

| PID | DESIGNATION | LATITUDE | LONGITUDE |
|--------|--------------------------|-----------------------|------------------------|
| D13826 | ALDOT 9 DIV OFF CORS ARP | 30d 41m 26.95956s (N) | 088d 01m 54.13695s (W) |

R.O.W. IS BASED ON TAX MAPS AND DEEDS PROVIDED.

DESIGN SPEED = 25 MPH

| LENGTH OF PROJECT SUMMARY: | | |
|----------------------------|------|------------------------|
| MAUSAP ROAD | 1524 | LINEAR FEET 0.29 MILES |

GEOTECHNICAL CONSULTANT

G.E.T.
CURT DOYLE, P.E.
Work: (251) 686-7197
Cell: (251) 610-4043
cdoyle@geoengr.com

| UTILITY OWNERS | | |
|--|---|---|
| WATER South Alabama Utilities Stacy Ward 4800 McCrary Rd. Semmes, AL 36575 Business: (251)649-4316 Ext. 229 Fax: (251)645-0950 sward@southalabamautilities.net | FIBER Unity Fiber Brandon Whigham 107 St. Francis St. Ste 1800 Mobile, AL 36602 Business: 877-652-2321 Cell: 251-709-7749 brandon.whigham@unifi.com | POWER Alabama Power Company Luis McMurphy 150 St. Joseph Street P.O. Box 2247 Mobile, AL 36602 Business: (251)694-2008 Fax: (251)694-3797 lmcumrph@southemco.com |
| TELEPHONE AT&T Mike Smith 2155 Old Shell Rd. Mobile, AL 36607 Business: (251)470-5660 Cell: (251)591-6630 Fax: (251)471-8267 ms5547@att.com | WATER Kushla Water District Dave Jones 6210 Highway 45 Eight Mile, AL 36613 Office: (251)675-2297 Cell: (251)518-8184 Fax: (251)675-1066 | ALTERNATIVE CONTACT: Kushla Water District Derrick Vicory Cell: (251)259-7596 kushlasup@gmail.com |

NOTE:

THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION 2022 EDITION, AND MOBILE COUNTY SUPPLEMENTAL SPECIFICATIONS..

SUBMITTED BY: Avalisha L. Fisher DATE: 01/05/2024
 AVALISHA L. FISHER, P.E., ALABAMA REG. NO. 22182

ADMINISTRATIVE APPROVAL BY: W. Bryan Kegley, II DATE: 1/12/2024
 W. BRYAN KEGLEY, II P.E./P.L.S.
 MOBILE COUNTY ENGINEER

ADMINISTRATIVE REVIEW BY: Catherine Clark DATE: 1/11/24
 ms5547@att.com

| | | | | |
|---|------------|-----|-----|-----------------------------------|
| F | 03/30/2023 | BRH | BRH | ALF |
| | | | | REVISED ROW AT NORTHWEST CORNER |
| G | 8/15/2023 | JGF | BRH | ALF |
| | | | | UPDATE PLANS FOR ROW CHANGE |
| C | 08/17/2022 | ALF | ALF | ALF |
| | | | | TOOK SUBMITTAL ISSUED FOR BIDDING |
| D | 8/24/2022 | BRH | ALF | ALF |
| | | | | SECOND TOOK SUBMITTAL |
| E | 11/04/2022 | BRH | ALF | ALF |
| | | | | THIRD TOOK SUBMITTAL |

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MOBILE COUNTY COMMISSION
 MERCERIA L. LUDGOOD
 CONNIE HUDSON
 RANDALL DUEITT

22182 PROFESSIONAL ENGINEER
 A. L. FISHER, P.E.

Driven Engineering, Inc.
 8005 Morris Hill Road, Semmes, AL 36575
 (251) 649-4011 Office
 (251) 645-0971 Fax
 www.drivengengineering.com

MOBILE COUNTY
 PROJ. NO. CDP-121-22/MCD1-PW-23-001
 MAUSAP ROAD
 COVER SHEET

| | | | |
|----------------|------------|--------------|----------|
| DATE | 07/25/2022 | SCALE | AS SHOWN |
| PROJECT NUMBER | 22026 | | |
| DRAWING NUMBER | C01 | TOTAL SHEETS | 17 |
| REVISION | | | G |

PLANS NOT VALID UNLESS THEY BEAR A COLOR SIGNATURE OR AN EMBOSSED SEAL. PLANS ARE NOT ISSUED FOR CONSTRUCTION UNLESS THE REVISION IS A NUMBER.

GENERAL NOTES:

- STANDARD SPECIFICATIONS FOR STREETS AND DRAINAGE; REFERENCE IS MADE TO THE ALABAMA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION", 2022 EDITION. ALL PROVISIONS OF SAID STANDARD SPECIFICATIONS SHALL APPLY TO THIS CONTRACT AND ARE HEREBY MADE A PART OF THIS CONTRACT, EXCEPT WHEN THE PROVISIONS HEREON OR THE PLANS ARE CLEARLY IN CONFLICT WITH THE PROVISIONS OF SAID STANDARD SPECIFICATIONS, THE PROVISIONS HEREON AND THE PLANS SHALL GOVERN.
- THE CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS PRIOR TO CONSTRUCTION OR FABRICATION.
- THESE DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND ANY APPLICABLE SPECIFICATIONS PROVIDED FOR THIS PROJECT. CONTRACTOR IS DIRECTED TO NOTIFY THE ENGINEER OF RECORD IMMEDIATELY IF ANY CONFLICT IS FOUND IN THESE PLANS AND/OR BETWEEN THESE PLANS OF OTHER DISCIPLINES FOR THIS PROJECT.
- IN THE EVENT THAT THIS PROPERTY ADJOINS A RESIDENTIAL PROPERTY A BUFFER WILL BE PROVIDED.
- WHERE A DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS EVEN THOUGH NOT SPECIFICALLY CALLED FOR ON THE DRAWINGS.
- ALL UNPAVED AREAS THAT HAVE BEEN GRADED, CUT, OR FILLED SHALL BE TREATED WITH A SUITABLE COMMERCIAL FERTILIZER IN ACCORDANCE WITH ALABAMA DEPARTMENT OF TRANSPORTATION 2022 STANDARD SPECIFICATIONS, AND SEEDED WITH A MIXTURE TO SUIT THE PLANTING ZONE (652.03) AND DATE OF PLANTING (860.01) PER ALABAMA DEPARTMENT OF TRANSPORTATION 2022 STANDARD SPECIFICATIONS. A FIRM STAND OF PERMANENT GRASS WILL BE REQUIRED.
- ALL CONCRETE USED ON THE PROJECT SHALL BE 3,000 PSI MINIMUM COMPRESSIVE STRENGTH REQUIRED IN 28 DAYS, UNLESS SPECIFICATIONS REQUIRE CONCRETE OF GREATER STRENGTH.
- UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED. THE UTILITIES SHOWN MAY NOT BE A COMPLETE REPRESENTATION OF ALL UTILITY LINES IN THE PROJECT AREA. CONTRACTOR IS REQUIRED TO CONTACT ALABAMA ONE CALL PRIOR TO DIGGING (1-800-292-8525) (WWW.ALCALL.COM). OTHER UTILITIES (INCLUDING PRIVATE UTILITIES INSIDE OR OUTSIDE A PUBLIC RIGHT-OF-WAY) THAT DO NOT PARTICIPATE IN THE ALABAMA ONE CALL LINE LOCATION SERVICE NEED TO BE CONTACTED INDIVIDUALLY AND/OR PHYSICALLY LOCATED BY THE CONTRACTOR.
- ALL REINFORCED CONCRETE PIPE USED WITHIN THE CITY, COUNTY OR STATE RIGHT-OF-WAY MUST BE CLASS 3 WITH RUBBER GASKETS.
- THE WORD OF THE ENGINEER AND/OR INSPECTOR SHALL BE FINAL IN ANY MATTER.
- SUB-GRADE AND BASE SHALL BE COMPACTED TO THE REQUIREMENTS OF ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROPER COMPACTION ON ANY AND ALL UTILITY DITCHES.
- ALL FILL AND EMBANKMENT CONSTRUCTION SHALL BE COMPACTED AS REQUIRED IN LAYERS NOT TO EXCEED 8".
- ALL SUITABLE EXCESS UNCLASSIFIED EXCAVATION IS TO BE UTILIZED FOR CONSTRUCTION OF EMBANKMENTS AND SLOPES NOT DIRECTLY UNDER THE TRAVEL WAY OR PARKING AREAS PRIOR TO USING ANY OFFSITE BORROW EXCAVATION. AFTER CONSTRUCTION OF SUCH AREAS IS COMPLETED, EXCESS EXCAVATION SHALL BE SPREAD AS DIRECTED BY THE ENGINEER, OR AT THE ENGINEER'S DIRECTION, HAULED FROM THE SITE AT NO ADDITIONAL PAYMENT.
- ALL SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED AND FULLY FUNCTIONING PRIOR TO ANY OTHER CONSTRUCTION OR GRADING ACTIVITY.
- ALL SLOPES MUST BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EXCESSIVE EROSION.
- THE SITE IS LOCATED IN SEC. 32, TOWNSHIP 2S, RANGE 2W, EIGHT MILE, AL.
- PRELIMINARY SOILS TESTING AND ON-SITE CONSTRUCTION MATERIALS TESTING IS (TO BE) PERFORMED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER FOR THIS PROJECT IS: G.E.T.
- ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER.
- HIGH INTENSITY LIGHTING FACILITIES SHALL BE SO ARRANGED THAT THE SOURCE OF ANY LIGHT IS CONCEALED FROM PUBLIC VIEW AND FROM ADJACENT RESIDENTIAL PROPERTY AND DOES NOT INTERFERE WITH TRAFFIC.
- CONTRACTOR IS PROHIBITED FROM DISTURBING SITE AREAS OUTSIDE THE CONSTRUCTION LIMITS SHOWN ON THE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER. STAGING AREAS OUTSIDE THE CONSTRUCTION LIMITS, PILES OF DIRT, AND OTHER BARE AREAS ARE TO BE COVERED AS DIRECTED BY THE ENGINEER. ANY AREAS DISTURBED OUTSIDE THE CONSTRUCTION LIMITS WILL BE REPAIRED AND COVERED WITH A FIRM STAND OF GRASS BEFORE FINAL PAYMENT AND FINAL ACCEPTANCE OF THE PROJECT AT NO ADDITIONAL COST TO THE PROJECT OWNER. IF GRASS WILL NOT GROW ON THE SUBJECT AREA DUE TO POOR WEATHER CONDITIONS, THE CONTRACTOR AGREES TO PLACE SOD ON THE AREA TO PREVENT EXCESS BARE AREAS FROM CONTRIBUTING SEDIMENT EROSION TO THE AREAS OF THE SITE THAT ARE UNDER CONSTRUCTION.
- CONTRACTOR IS REQUIRED TO USE "BEST MANAGEMENT PRACTICES" COMPLIANT WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS", ALABAMA SOIL AND WATER CONSERVATION COMMITTEE, MONTGOMERY, ALABAMA, VOLUMES 1 & 2, 2022 EDITION, TO PREVENT SEDIMENT LADEN STORM WATER RUNOFF OR ERODED MATERIALS FROM LEAVING THE CONSTRUCTION SITE.
- ALL MATERIALS AND WORKMANSHIP WITHIN A STATE OR COUNTY RIGHT-OF-WAY SHALL CONFORM TO THE ALABAMA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2022 EDITION, AND MOBILE COUNTY SUPPLEMENTAL SPECIFICATIONS.
- CONTRACTOR IS REQUIRED TO CONTACT THE MR. NEAL HOWARD (MOBILE COUNTY PUBLIC WORKS ENGINEERING MANAGER) AT (251) 574-4030 TO DISCUSS THE CONDITIONS OF THE COUNTY MAINTAINED ROAD LEADING TO THE CONSTRUCTION SITE PRIOR TO PERFORMING ANY WORK WITHIN THE COUNTY MAINTAINED RIGHT-OF-WAY.
- ALL CONCRETE PIPE TO BE PLACED WITHIN ANY MOBILE COUNTY RIGHT-OF-WAY SHALL HAVE ALL APPLICABLE ALDOT CERTIFICATIONS. WHOEVER ORDERS PIPE FOR THIS PROJECT SHOULD LET THE SUPPLIER KNOW AT THE TIME OF ORDERING THAT IT IS A MOBILE COUNTY JOB.
- THE TREES INDICATED ARE TO BE PRESERVED. THE CONTRACTOR IS DIRECTED TO EXERCISE EXTREME CAUTION WHEN WORKING NEAR THESE TREES. NO VEHICLES OR HEAVY EQUIPMENT SHALL BE PARKED OR STORED UNDER THE CANOPY OF THESE TREES. WHEN SUBGRADE IS EXCAVATED IN THE ROOT ZONE OF THESE TREES, ROOTS ARE TO BE SAWED NOT RIPPED WITH HEAVY EQUIPMENT SUCH AS BACKHOE BUCKETS. NO METHOD OF ROOT REMOVAL WILL BE DONE BY ANY METHOD THAT WOULD RESULT IN ANY DISPLACEMENT OF ROOTS THAT ARE TO REMAIN.
- FILTER BLANKET USED WITH RIPRAP SHALL BE A NON-WOVEN GEOTEXTILE TYPE GEOTEX 801 OR ENGINEER APPROVED EQUIVALENT.
- ALL PIPE END TREATMENTS SHALL INCLUDE A TOE WALL AT LEAST 1.5 FEET DEEP FROM THE PIPE FLOWLINE AND 8 INCHES THICK UNLESS CONNECTED TO A CONCRETE DITCH SECTION OR A BEVELED END SECTION IS SPECIFIED.
- THERE SHALL BE NO ADDITIONAL PAYMENT FOR BEVELED END SECTIONS AS THEY ARE A SUBSIDIARY OBLIGATION OF ITEM 530 AND 535. ITEMS 530 AND 535 SHALL BE MEASURED FROM INVERT TO INVERT.
- LINEAR FOOTAGE OF STORM DRAIN PIPES SHOWN ON PLAN SHEETS INCLUDES BEVELED END SECTIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE TESTING LABORATORY OF HIS WORKING SCHEDULE IN ORDER THAT THE PROPER SAMPLE MAY BE OBTAINED AND TEST MADE.
- TOPSOIL THICKNESS MAY VARY AT THE EDGE OF ROAD IN ORDER TO TIE TO ROAD GRADE. TOPSOIL SHALL BE PLACED SUCH THAT SOD IS FLUSH WITH THE ROADWAY AND DOES NOT HINDER WATER FROM DRAINING.
- UNLESS OTHERWISE SPECIFIED WITHIN THE CONTRACT DOCUMENTS, CLASS 3 OR GREATER REINFORCED CONCRETE PIPE OR ALUMINIZED CORRUGATED METAL PIPE (ULTRA FLO, OR APPROVED EQUAL) SHALL BE USED FOR ROADWAY PIPE, SIDE DRAIN PIPE OR STORM SEWER PIPE. THE CONNECTING BANDS FOR THE ALUMINIZED CORRUGATED METAL PIPE (ULTRA FLO, OR APPROVED EQUAL) SHALL CONSIST OF A MINIMUM 12" WIDE HUGGER TYPE CONNECTING BAND WITH BAR, BOLT AND STRAP FASTENERS. O-RING NEOPRENE RUBBER GASKETS SHOULD BE USED AT EACH JOINT IF THE BACKFILL MATERIAL CONTAINS A SUBSTANTIAL PERCENTAGE OF FINES. THE CONTRACTOR SHOULD WRAP THE JOINTS WITH A 3' WIDTH OF LIGHTWEIGHT NON-WOVEN FILTER FABRIC.
- THE PIPE SIZES SPECIFIED WITHIN THE CONTRACT DOCUMENTS ARE BASED UPON CIRCULAR AND/OR ARCH REINFORCED CONCRETE PIPE. WHERE SPECIFIED OR ALLOWED WITHIN THE PLAN SET, THE EQUIVALENT SIZE ALUMINIZED CORRUGATED METAL PIPE (ULTRA FLO, OR APPROVED EQUAL) SHALL BE CONSIDERED COMPARABLE TO THE SPECIFIED REINFORCED CONCRETE PIPE. THE MAXIMUM ALLOWABLE MANNING'S COEFFICIENT FOR THE ALUMINIZED CORRUGATED METAL PIPE (ULTRA FLO, OR APPROVED EQUAL) SHALL BE 0.013.
- MOBILE COUNTY WILL NOT ENTERTAIN A REQUEST FOR DELAYED START OF CONSTRUCTION BASED ON THE TYPE OF PIPE CHOSEN BY THE BIDDER.

LEGEND

| | |
|--|-------------------------|
| | WHITE OAK TREE |
| | CHERRY TREE |
| | PEAR TREE |
| | CREPE MYRTLE TREE |
| | HICKORY TREE |
| | LIVE OAK TREE |
| | MAGNOLIA TREE |
| | RED OAK TREE |
| | PALM TREE |
| | OAK TREE |
| | PECAN TREE |
| | PINE TREE |
| | POPCORN TREE |
| | MIMOSA TREE |
| | SHRUB |
| | CONCRETE MONUMENT |
| | CONTROL POINT |
| | CAPPED REBAR |
| | CRIMP TOP PIPE |
| | FIRE HYDRANT |
| | GAS METER |
| | GUY WIRE |
| | LIGHT POLE |
| | MAIL BOX |
| | STORM MAN HOLE |
| | MARKER |
| | POWER POLE |
| | STREET SIGN |
| | TELEPHONE PEDESTAL |
| | WATER METER |
| | WATER VALVE |
| | SANITARY SEWER MAN HOLE |

LINE ITEMS

| | |
|--|--|
| | EXISTING SPOT GRADE |
| | PROPOSED SPOT GRADE |
| | PROPOSED INTERMEDIATE CONTOUR |
| | PROPOSED INDEX CONTOUR |
| | EXISTING INTERMEDIATE CONTOUR |
| | EXISTING INDEX CONTOUR |
| | FORESHORTENED LINE |
| | EXISTING EASEMENT |
| | EXISTING PROPERTY LINE |
| | EXISTING RIGHT-OF-WAY MATCH LINE |
| | RIGHT-OF-WAY TBA EASEMENT TBA |
| | FENCE RESET LOCATION |
| | PROPOSED EDGE OF PAVEMENT |
| | EXISTING EDGE OF PAVEMENT |
| | EXIST OVERHEAD UTILITY LINE(S) |
| | EXIST UNDERGROUND TELEPHONE LINE |
| | EXIST UNDERGROUND GAS LINE OR PIPELINE |
| | EXIST UNDERGROUND POWER LINE |
| | EXIST SANITARY SEWER LINE |
| | EXISTING FENCE |
| | EXISTING WATER LINE |
| | LIMITS OF CONSTRUCTION |
| | REQ'D SILT FENCE |
| | EXISTING GUARD RAIL LEFT |
| | EXISTING GUARD RAIL RIGHT |
| | EXIST SANITARY SEWER STEEL ENCASEMENT LINE |
| | TREE LINE |
| | CHAINLINK FENCE |

HATCHES

| | |
|--|---------------------------|
| | EX CONCRETE |
| | EX ASPHALT |
| | EX GRAVEL |
| | PROPOSED CONCRETE |
| | PROPOSED ASPHALT |
| | PROPOSED GRAVEL |
| | PROPOSED RIP RAP |
| | PROPOSED ASPHALT REMOVAL |
| | PROPOSED CONCRETE REMOVAL |

ABBREVIATIONS

| | |
|---------|--|
| (A) | ACTUAL |
| (R) | RECORD |
| (D) | DEED CALL |
| (M) | FIELD MEASUREMENT |
| (P) | PLAT (UNRECORDED) |
| B.O.B. | BASIS OF BEARINGS |
| P.O.B. | POINT OF BEGINNING |
| P.O.C. | POINT OF COMMENCEMENT |
| RW | RIGHT-OF-WAY |
| TBA | TO BE ACQUIRED |
| FFE | FINISHED FLOOR ELEVATION |
| PVC | POLYVINYL CHLORIDE PIPE |
| RCP | REINFORCED CONCRETE |
| CSFPE | CORRUGATED SMOOTH FLOW POLYETHYLENE PIPE |
| LS | LUMP SUM |
| SY | SQUARE YARD |
| LF | LINEAR FOOT |
| EA | EACH |
| CY | CUBIC YARD |
| STA | STATION |
| GAL | GALLON |
| AC | ACRE |
| SF | SQUARE FOOT |
| LB | POUND |
| REQD | REQUIRED |
| EOP | EDGE OF PAVEMENT OR END OR PROJECT |
| EXEXIST | EXISTING |
| MIN | MINIMUM |
| BOP | BEGINNING OF PROJECT |
| TYP | TYPICAL |
| ELEV | ELEVATION |
| RET | RETAIN(ED) |
| FO | FIBER OPTIC |

| STATE OF ALABAMA, DEPARTMENT OF TRANSPORTATION SPECIAL & STANDARD HIGHWAY DRAWINGS, 2022 EDITION | | |
|---|---------------------|--|
| PAGE NO. | DRAWING NO. | DESCRIPTION |
| 53004 - 53006 | RPC-530 | BEDDING AND FILL HEIGHTS FOR ALL ROADWAY PIPE CULVERTS |
| 61404 | D-614 | DETAIL OF PAVED DITCHES AND FLUMES |
| 61909 - 61910 | HW-614-B | SLOPE PAVED HEADWALL DETAILS FOR REINFORCED CONCRETE AND CORRUGATED METAL ROADWAY PIPE |
| 61913 | HW-614-SP | CONCRETE SLOPE PAVED HEADWALL AND GRADE FOR SIDEDRAIN PIPE |
| 62183 | MH-621-2 (1 OF 5) | DETAILS OF CONCRETE OR BRICK MANHOLE (TYPE L) CONSTRUCTD IN PLACE FOR 6" - 42" PIPE |
| 62184 | MH-621-2 (2 OF 5) | DETAILS FOR PRECAST AND BRICK & CONCRETE (CONSTRUCTED IN PLACE) MANHOLES OFR 6" - 84" PIPE |
| 62186 - 62187 | MH-621-2 (4&5 OF 5) | DETAIL OF PRECAST CONCRETE MANHOLE (TYPE M) FOR 6" - 72" PIPE |
| 65901 | ESC-509 | DETAILS OF ROLLED AND HYDRAULIC EROSION CONTROL PRODUCT INSTALLATION |
| 66501 | ESC-100-1 | BEST MANAGEMENT PRACTICE REFERENCE MATRIX |
| 66502 | ESC-100-2 | BEST MANAGEMENT PRACTICE REFERENCE MATRIX |
| 66505 | ESC-200-1 | TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS |
| 66506 | ESC-200-2 | DETAILS OF TEMPORARY SLOPE DRAIN, BERMS AND ENERGY DISSIPATER |
| 66507 | ESC-200-3 | DETAILS OF SEDIMENT BARRIER APPLICATIONS |
| 66508 | ESC-200-4 | DETAILS OF SILT FENCE INSTALLATION |
| 66512 | ESC-300-1 | DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS |
| 66514 | ESC-300-3 | DETAILS OF SANDBAG DITCH CHECK |
| 66515 | ESC-300-4 | DETAILS OF EROSION CONTROL WATTLE DITCH CHECK |
| 66517 | ESC-300-6 | DETAILS OF ROCK DITCH CHECKS |
| 66518 | ESC-300-7 | DETAILS OF ROCK DITCH CHECKS WITH SUMP EXCAVATION |
| 66519 | ESC-300-8 | DETAILS OF SILT FENCE DITCH CHECKS |
| 71060-71095 | SHS-1 to SHS-31 | STANDARD HIGHWAY SIGNS |

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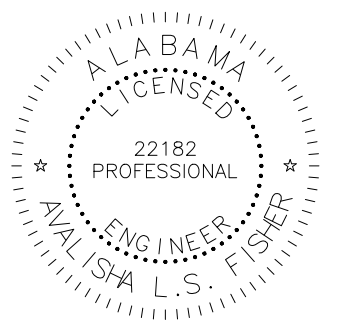
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| | THIRD 100% SUBMITTAL | | | |

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MOBILE COUNTY COMMISSION
MERCERIA L. LUDGOOD
CONNIE HUDSON
RANDALL DUEITT

MOBILE COUNTY COMMISSION DISTRICT 2



Driven Engineering, Inc.
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MOBILE COUNTY
PROJ. NO. CDP-121-22/MCD1-PW-23-001
MAUSAP ROAD
NOTES AND LEGEND SHEET

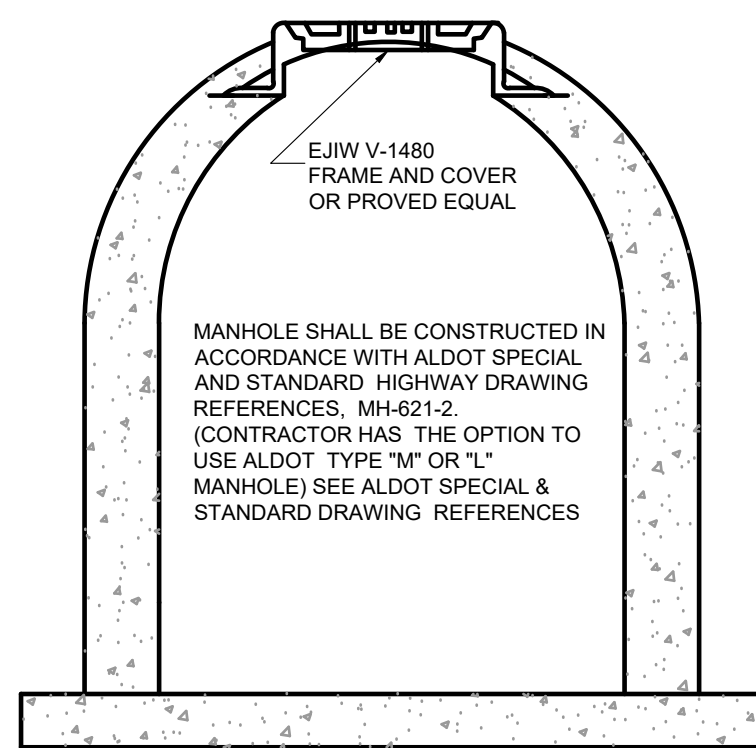
| | | |
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| DATE | | |
| 07/25/2022 | SCALE AS SHOWN | |
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| C02 | 17 | G |

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| ESTIMATED QUANTITY | ITEM NUMBER | UNIT | DESCRIPTION |
|--------------------|-------------|-------|--|
| 1 | 201-A002 | LS | CLEARING AND GRUBBING (APPROX. 2.1 ACRES) |
| 75 | 206-C001 | SY | REMOVING CONCRETE PAVEMENT |
| 253 | 206-C030 | SY | REMOVING ASPHALT |
| 33 | 206-D000 | LF | REMOVING PIPE |
| 2 | 206-E000 | EA | REMOVING HEADWALLS |
| 5 | 209-A000 | EA | MAILBOX RESET |
| 1973 | 210-A000 | CY | UNCLASSIFIED EXCAVATION |
| 717 | 210-D001 | CY | BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT) |
| 461 | 210-D010 | CY | BORROW EXCAVATION (A-2-4 OR BETTER) |
| 16 | 230-A000 | STA | ROADBED PROCESSING |
| 3293 | 301-A012 | SYCIP | CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS |
| 184 | 301-A013 | SYCIP | CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 5" COMPACTED THICKNESS |
| 184 | 401-A000 | SY | BITUMINOUS TREATMENT A |
| 19 | 424-A340 | TON | SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (180 LB/SY) |
| 100 | 430-B003 | TON | AGGREGATE SURFACING |
| 16 | 530-A003 | LF | 15" STORM SEWER PIPE |
| 54 | 530-B001 | LF | 36" SPAN, 23" RISE ROADWAY PIPE (CLASS 3 RC) |
| 74 | 533-A001 | LF | 18" STORM SEWER PIPE |
| 90 | 533-A001 | LF | 30" STORM SEWER PIPE |
| 40 | 535-A002 | LF | 15" SIDE DRAIN PIPE (CLASS 3 RC) |
| 96 | 535-B003 | LF | 36" SPAN, 23" RISE SIDE DRAIN PIPE (CLASS 3 RC) |
| 48 | 535-B004 | LF | 44" SPAN, 27" RISE SIDE DRAIN PIPE (CLASS 3 RC) |
| 1 | 600-A000 | LS | MOBILIZATION |
| 162 | 610-A004 | SY | LOOSE RIPRAP, CLASS 2, 24" THICK |
| 162 | 610-D003 | SY | FILTER BLANKET, GEOTEXTILE (NON-WOVEN) |
| 92 | 610-E000 | SY | TIED CONCRETE BLOCK MAT |
| 11 | 614-B000 | CY | REINFORCED SLOPE PAVING |
| 1 | 619-A001 | EA | 15" SIDEDRAIN PIPE END TREATMENT CLASS 1 4:1 SLOPE |
| 2 | 619-A002 | EA | 30" SIDEDRAIN PIPE END TREATMENT CLASS 2 4:1 SLOPE |
| 6 | 619-B001 | EA | 36" SPAN, 23" RISE SIDEDRAIN PIPE END TREATMENT, CLASS 1, 4:1 SLOPE |
| 2 | 619-B002 | EA | 36" SPAN, 23" RISE ROADWAY PIPE END TREATMENT, CLASS 1, 3:1 SLOPE |
| 2 | 619-B003 | EA | 44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1, 3:1 SLOPE |
| 3 | 621-C001 | EA | MANHOLES TYPE L OR M |
| 1 | 621-C161 | EA | GRATE INLET |
| 20 | 623-B120 | LF | CONCRETE CURB, RAVEL |
| 742 | 650-A000 | CYIP | TOPSOIL APPROX 4" THICK |
| 1.4 | 652-C000 | AC | MOWING |
| 6680 | 654-A000 | SY | SOLID SODDING |
| 500 | 656-D000 | SY | EROSION CONTROL NETTING |
| 20 | 665-G000 | EA | SAND BAGS |
| 2 | 665-H000 | EA | EROSION CONTROL CHECK DAM (RIPRAP) |
| 3504 | 665-J002 | LF | SILT FENCE |
| 3504 | 665-O001 | LF | SILT FENCE REMOVAL |
| 3 | 665-P000 | EA | INLET PROTECTION DEVICES |
| 440 | 665-Q002 | LF | WATTLE |
| 1 | 680-A000 | LS | GEOMETRIC CONTROLS |
| 1 | 698-A001 | LS | CONSTRUCTION FUEL (MAXIMUM BID LIMITED TO \$5500) |
| 112 | 740-B001 | SF | CONSTRUCTION SIGNS (TYPE IV) |
| 50 | 740-D000 | EA | CHANNELIZING DRUMS |
| 2 | 740-I001 | EA | WARNING LIGHTS, TYPE B |

CONSTRUCTION CONSIDERATIONS FROM PRELIMINARY GEOTECHNICAL REPORT
(BY GEOTECHNICAL ENGINEERING - TESTING, INC.)

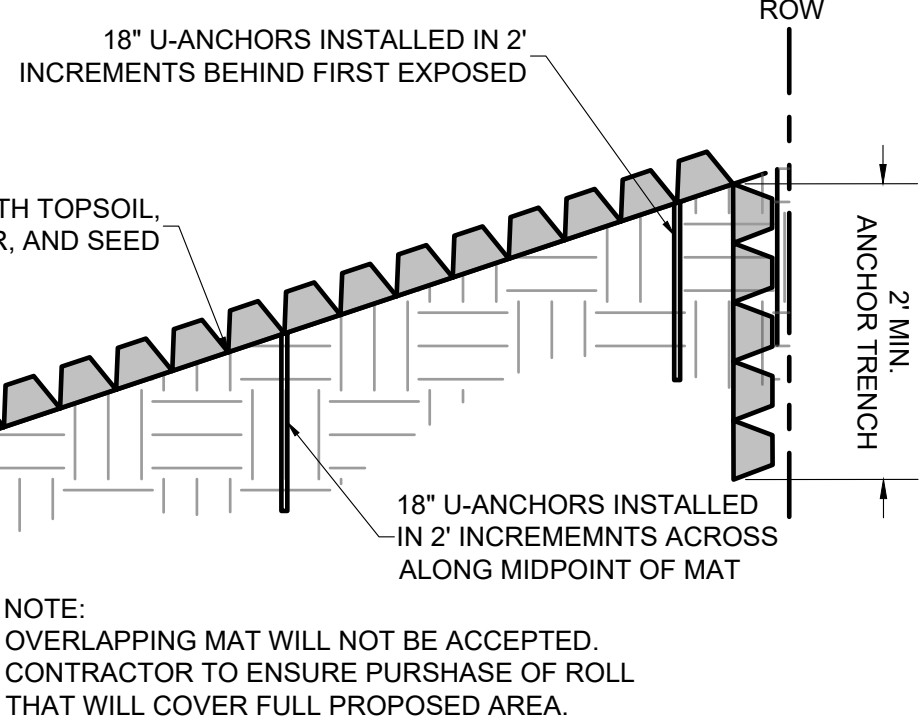
ALTHOUGH THE EXPOSED SUBGRADE SOILS MAY BE RELATIVELY STABLE UPON INITIAL EXPOSURE, UNSTABLE SUBGRADE SOIL CONDITIONS COULD DEVELOP DURING GENERAL CONSTRUCTION OPERATIONS, PARTICULARLY IF THE SOILS ARE WETTED AND/OR SUBJECTED TO REPETITIVE CONSTRUCTION TRAFFIC. THE USE OF LIGHT CONSTRUCTION EQUIPMENT WOULD AID IN REDUCING SUBGRADE DISTURBANCE. UPON COMPLETION OF GRADING, CARE SHOULD BE TAKEN TO MAINTAIN THE SUBGRADE MOISTURE CONTENT PRIOR TO PLACEMENT OF AGGREGATE SURFACING AND/OR PAVEMENTS. HEAVY CONSTRUCTION TRAFFIC OVER THE COMPLETED SUBGRADE SHOULD BE AVOIDED TO THE EXTENT PRACTICAL. THE SITE SHOULD ALSO BE GRADED TO PREVENT PONDING OF SURFACE WATER ON THE PREPARED SUBGRADES OR IN EXCAVATIONS. IF THE SUBGRADE SHOULD BECOME FROZEN, DESICCATED, SATURATED, OR DISTURBED, THE AFFECTED MATERIAL SHOULD BE REMOVED OR THESE MATERIALS SHOULD BE SCARIFIED, MOISTURE CONDITIONED AND DENSIFIED PRIOR TO PAVEMENT CONSTRUCTION.



MANHOLE TYPE L OR M
NOT TO SCALE

BUILDUP LEGEND

- ① 301-A012 CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS
- ② 230-A000 ROADBED PROCESSING (EXTEND 12" OUTSIDE BASE WIDTH EACH WAY)
- ③ 650-A000 TOPSOIL, 4" COMPACTED THICKNESS
- ④ 210-A000 SELECT MATERIAL FROM UNCLASSIFIED EXCAVATION BORROW EXCAVATION
- ⑤ 210-A000 UNCLASSIFIED EXCAVATION
- ⑥ 654-A000 SOLID SODDING
- ⑧ 210-D010 BORROW EXCAVATION (A-2-4 OR BETTER)
- ⑨ 424-A340 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAX AGGREGATE SIZE MIX ESAL RANGE B, 180 LB/SY
- ⑩ 301-A013 CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 5" COMPACTED THICKNESS (BELOW WEARING SURFACE LAYER)
- ⑪ 401-A000 BITUMINOUS TREATMENT A
- ⑫ 610-A004 LOOSE RIPRAP, CLASS 2, 24" THICK
- ⑬ 610-D003 FILTER BLANKET, GEOTEXTILE (NON-WOVEN)
- ** NOTE: SLOPE VARIES DUE TO TRANSITION TO MATCH SPICE POND ROAD

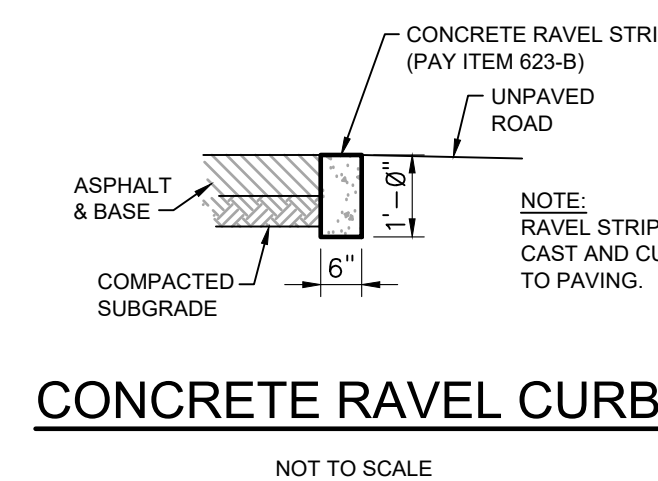


TIED CONCRETE BLOCK MAT DETAIL
NTS

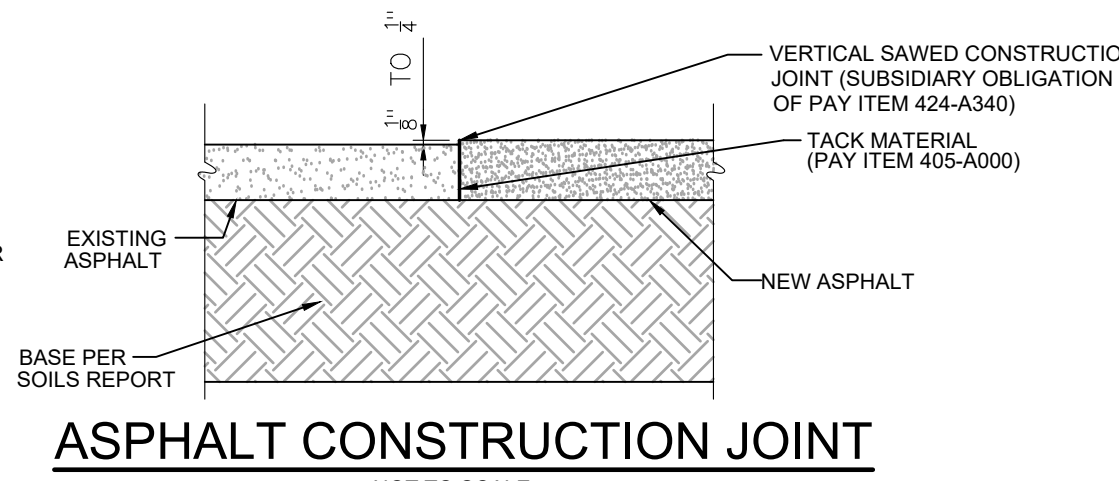
CONCRETE DITCH NOTES:

- 1.) WEEP HOLES AND GRAVEL POCKETS WRAPPED IN FILTER FABRIC SHALL BE A SUBSIDIARY OBLIGATION OF THE CONTRACT WITH NO DIRECT PAYMENT.
 - 2.) TOE WALLS ARE REQUIRED AT BEGINNING AND END OF EACH LENGTH OF DITCH UNLESS DITCH TIES TO OTHER CONCRETE STRUCTURE SUCH AS A HEADWALL OR FLUME, OR REQUIRED WHERE SPECIFIED ON THE PLAN SHEETS.
 - 3.) CONTRACTION JOINTS ARE REQUIRED EVERY 20 LF OF DITCH AS A MINIMUM. EXPANSION JOINTS ARE REQUIRED EVERY 80 LF OF DITCH UTILIZING A FILLER AND SEALER AS SPECIFIED IN ARTICLES 832.01 AND 832.02.
 - 4.) MINIMUM SUBGRADE COMPACTION REQUIRED IS 95% STANDARD PROCTOR DENSITY AS PER AASHTO T-99.
- ** SIDE SLOPES SHALL MATCH EXISTING SIDE SLOPES

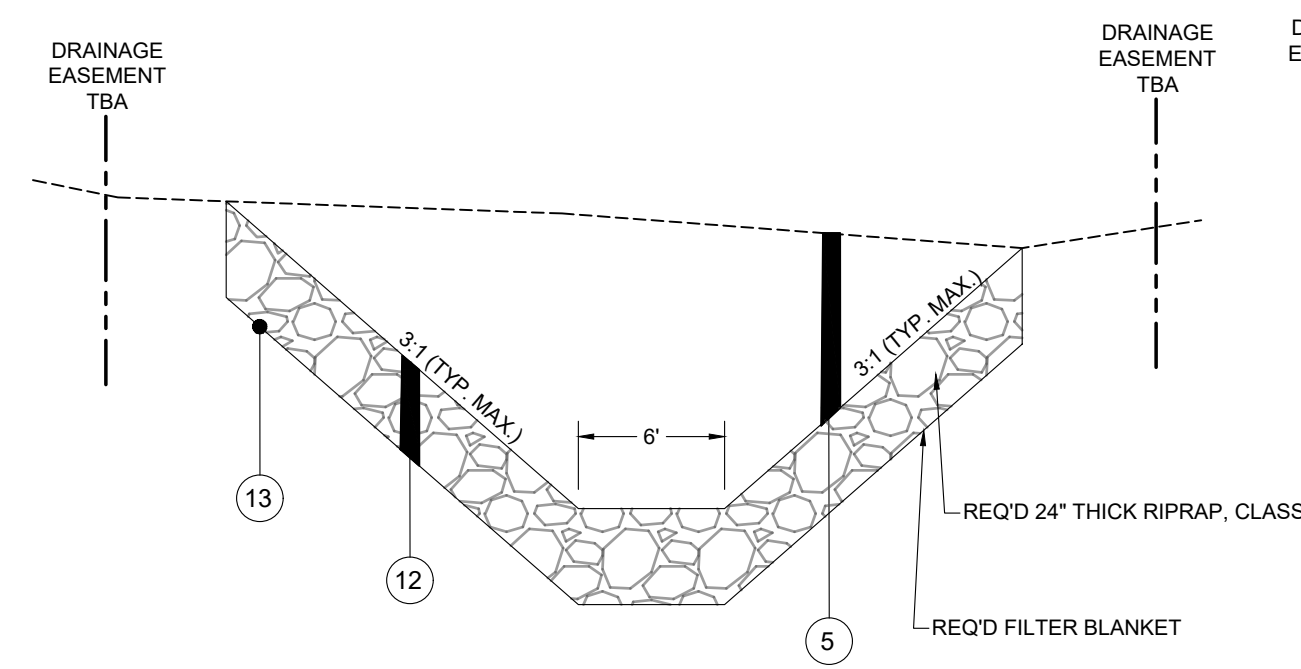
CONCRETE DITCH LINING TYPICAL SECTION
SCALE: N.T.S.



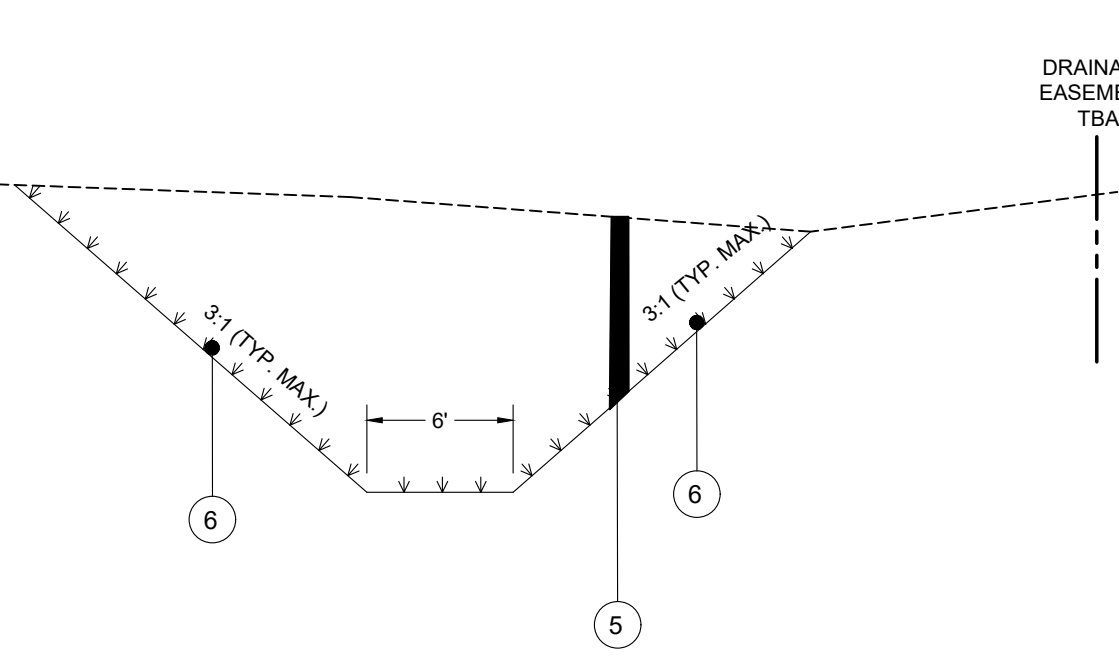
CONCRETE RAVEL CURB
NOT TO SCALE



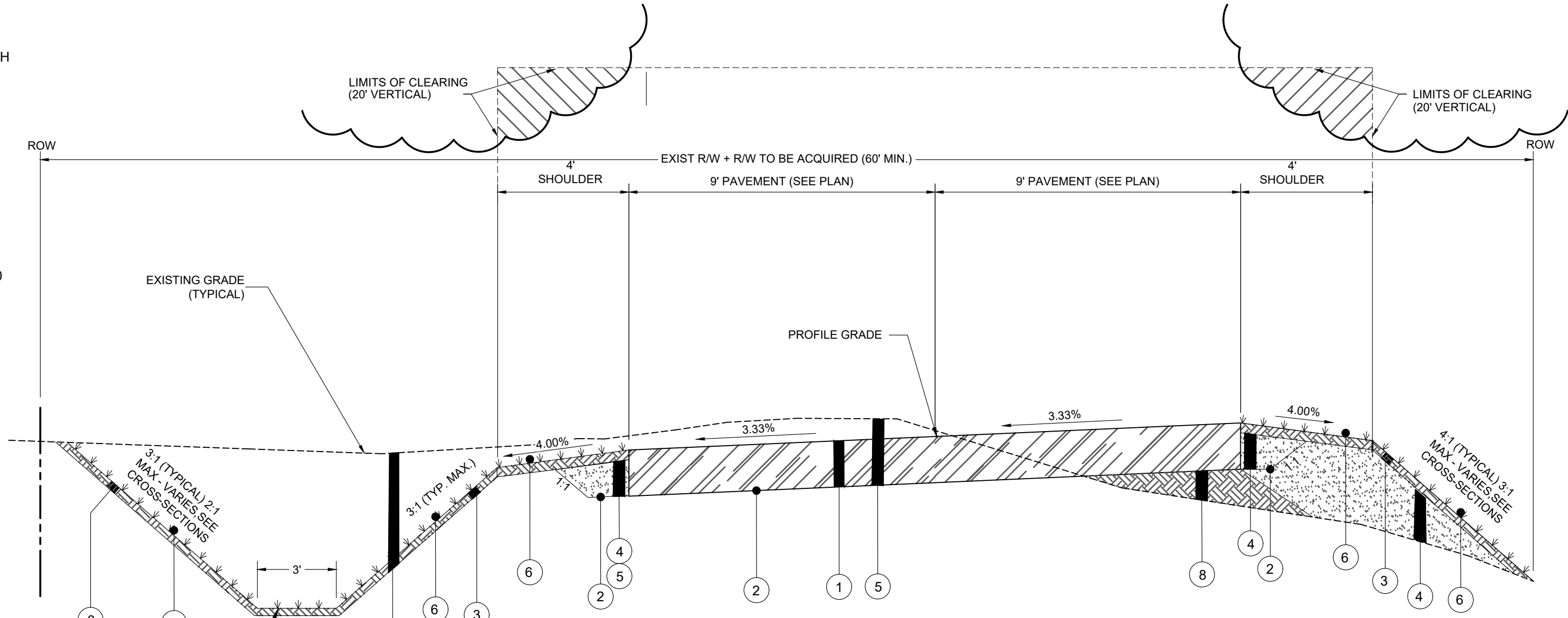
ASPHALT CONSTRUCTION JOINT
NOT TO SCALE



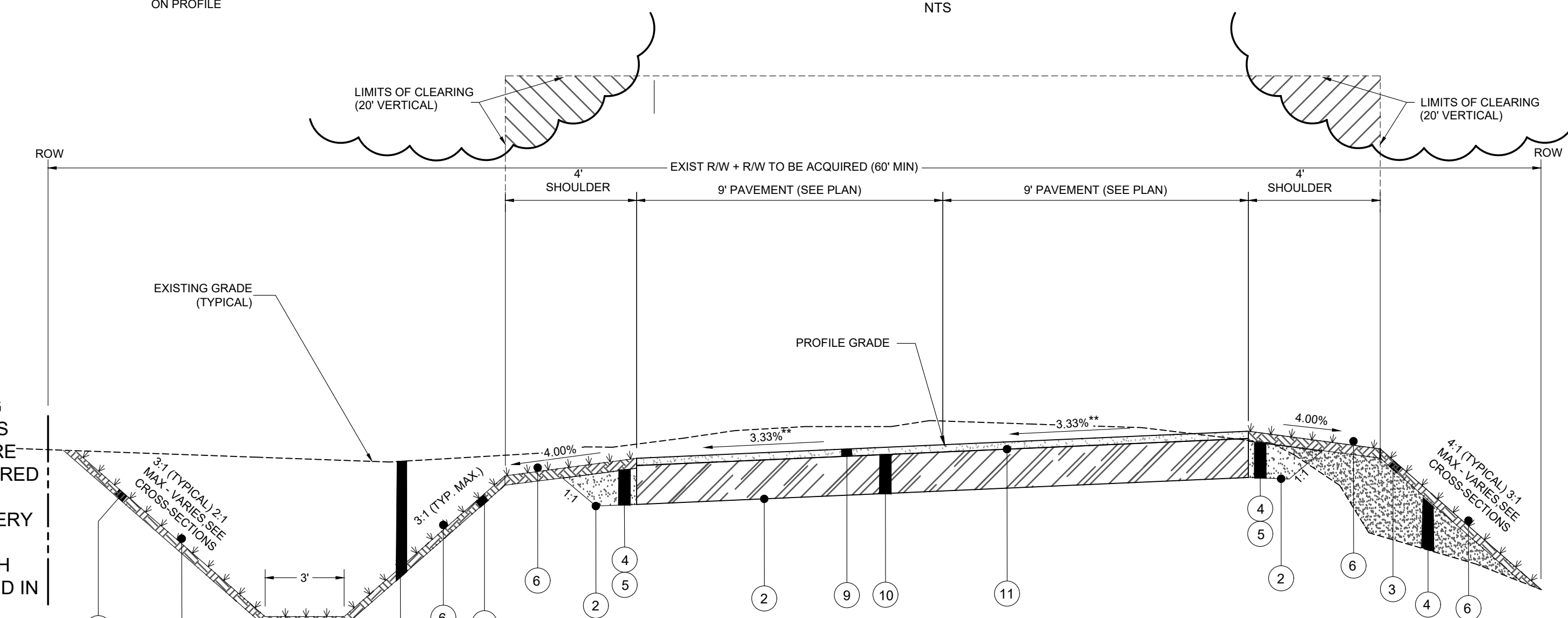
TYPICAL SECTION - DRAINAGE OUTFALLS (RIPRAP)
STA. 3+24 LT & STA. 9+53 LEFT



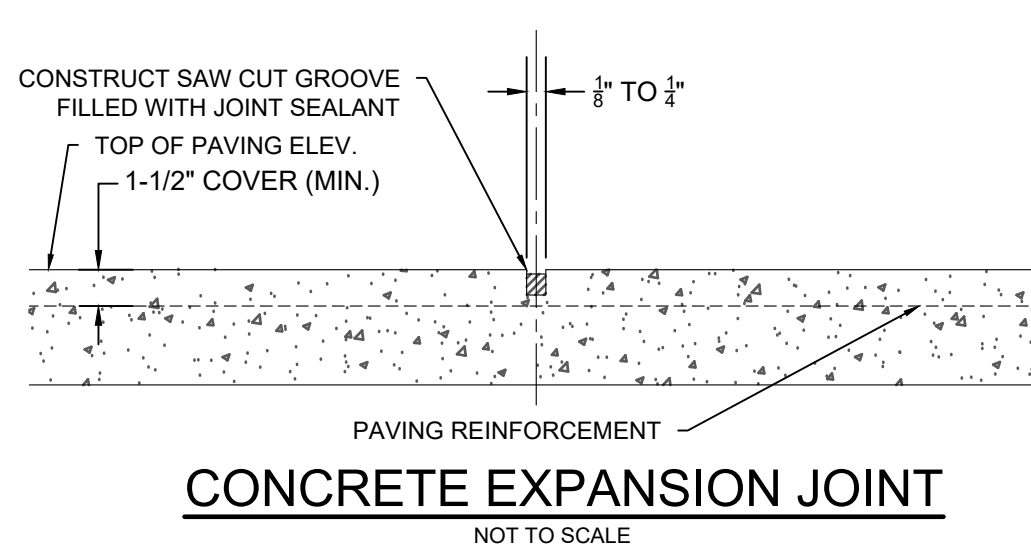
TYPICAL SECTION - DRAINAGE OUTFALLS
STA. 3+24 LT & STA. 9+53 LEFT



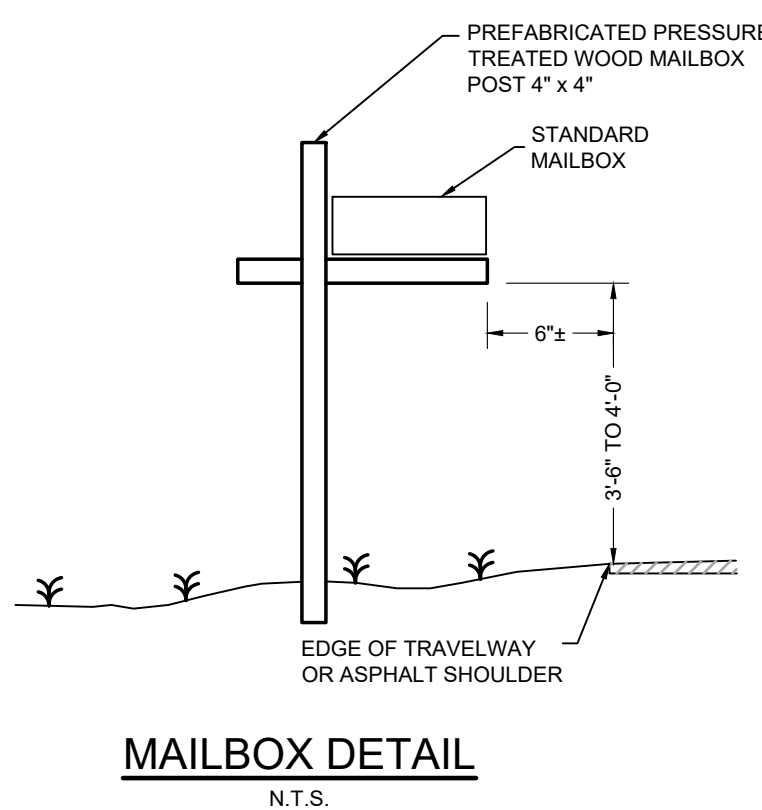
TYPICAL SECTION - SINGLE SLOPE LEFT
STA. 1+42 TO STA. 15+97



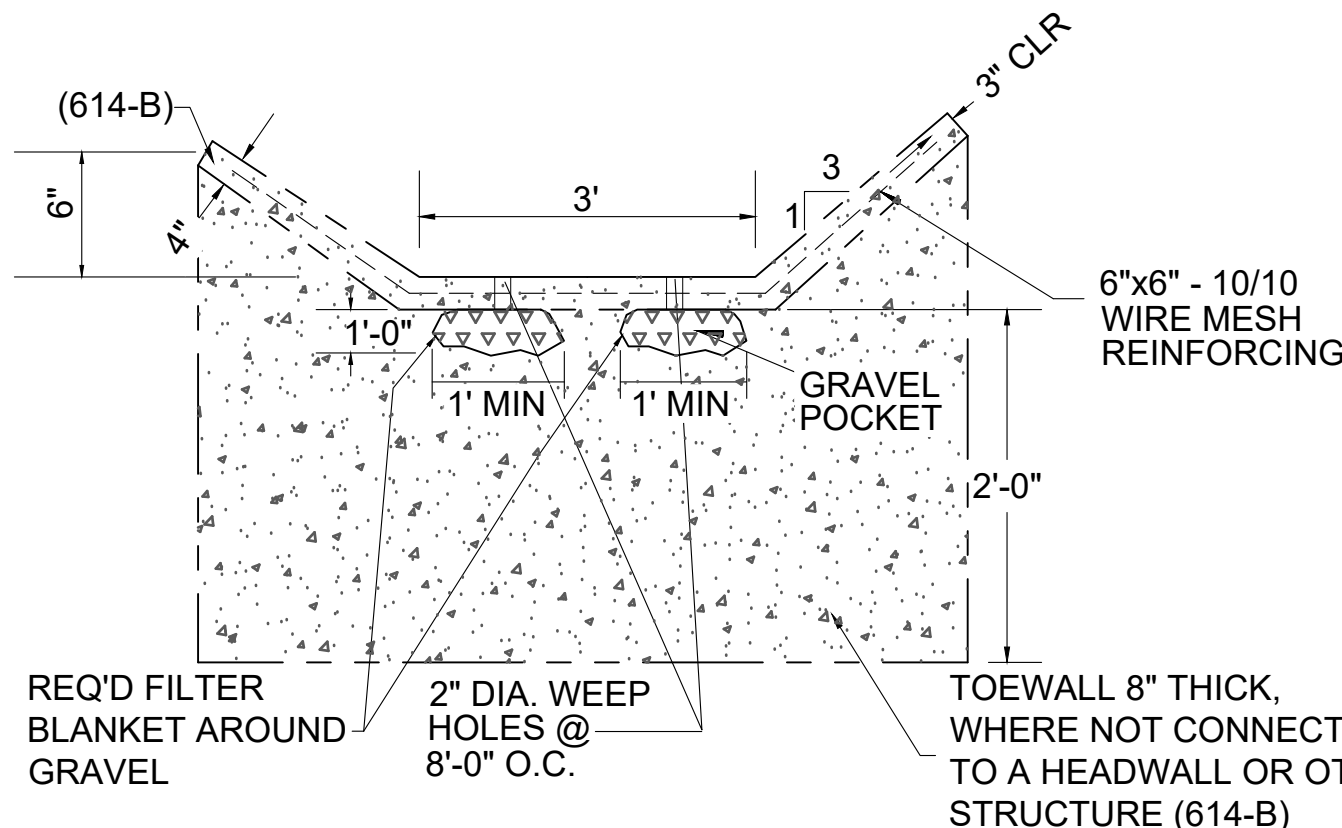
TYPICAL SECTION - TRANSITION TO SPICE POND ROAD
STA. 15+97 TO 16+66.23



CONCRETE EXPANSION JOINT
NOT TO SCALE



MAILBOX DETAIL
N.T.S.



CONCRETE DITCH LINING TYPICAL SECTION
SCALE: N.T.S.

| | | | | |
|---|------------|-----|-----|-----|
| F | 03/30/2023 | BRH | BRH | ALF |
| G | 08/15/2023 | ALF | ALF | ALF |
| C | 08/17/2022 | ALF | ALF | ALF |
| D | 08/24/2022 | BRH | ALF | ALF |
| E | 11/04/2022 | BRH | ALF | ALF |

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MOBILE COUNTY COMMISSION
MERCERIA L. LUDGOOD
CONNIE HUDSON
RANDALL DUEITT

ALABAMA LICENSED PROFESSIONAL ENGINEER
22182
www.drivenengineering.com

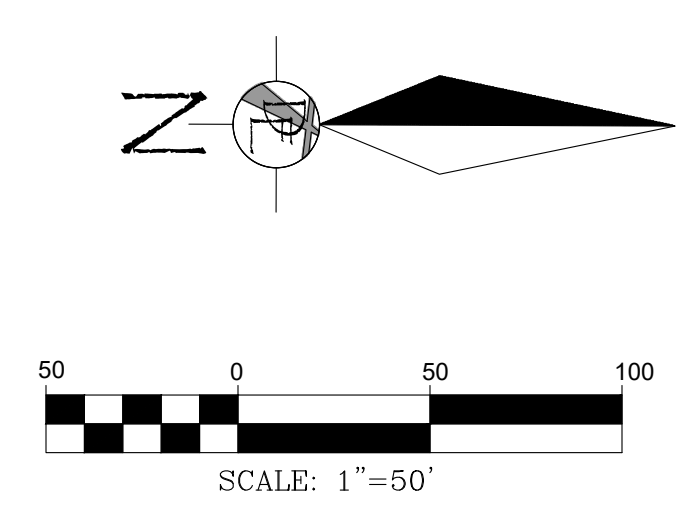
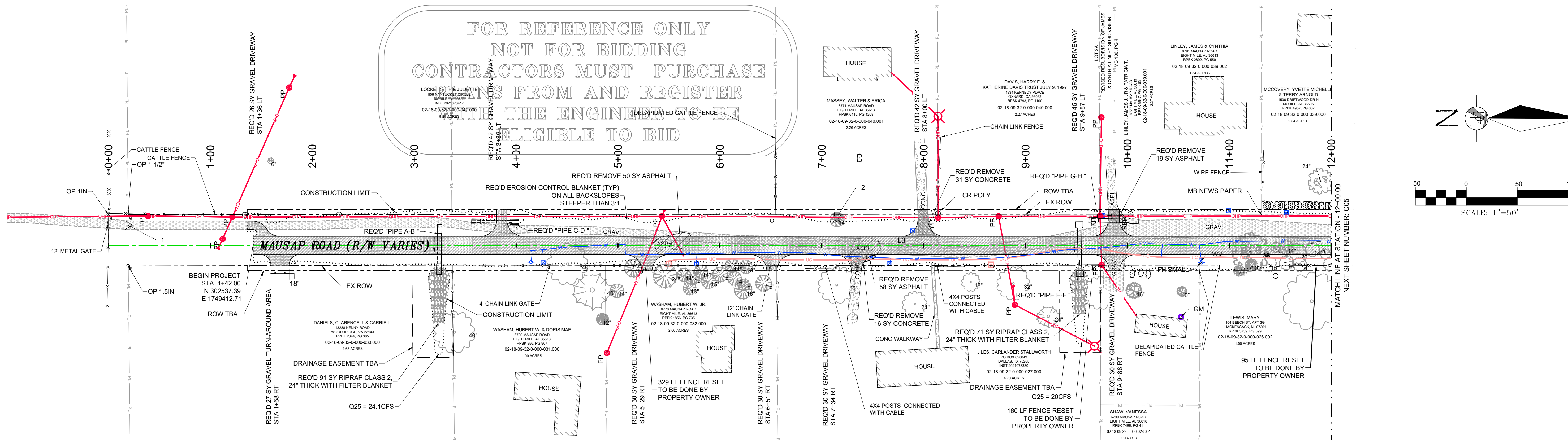
Driven Engineering, Inc.
8005 Morris Hill Road, Semmes, AL 36575
(251) 649-4011 Office
(251) 645-0871 Fax
www.drivenengineering.com

MOBILE COUNTY
PROJ. NO. CDP-121-22/MCD1-PW-23-001
MAUSAP ROAD
TYPICAL SECTION AND QUANTITIES

DATE: 07/25/2022
SCALE: AS SHOWN

PROJECT NUMBER: 22026
DRAWING NUMBER: C03
TOTAL SHEETS: 17
REVISION: G


PLANS NOT VALID UNLESS THEY BEAR A COLOR SIGNATURE OR AN EMBOSSED SEAL. PLANS ARE NOT ISSUED FOR CONSTRUCTION UNLESS THE REVISION IS A NUMERAL.



FOR REFERENCE ONLY
NOT FOR BIDDING
CONTRACTORS MUST PURCHASE
PLANS FROM AND REGISTER
WITH THE ENGINEER TO BE
ELIGIBLE TO BID

| | | | | | |
|---|------------|-----|-----|---------------------------------|-----------------------------------|
| F | 03/30/2023 | BRH | ALF | REVISED ROW AT NORTHWEST CORNER | |
| G | 8/15/2023 | JCF | BRH | ALF | UPDATE PLANS FOR ROW CHANGE |
| C | 08/17/2022 | ALF | ALF | ALF | 100% SUBMITTAL ISSUED FOR BIDDING |
| D | 8/24/2022 | BRH | ALF | ALF | SECOND 100% SUBMITTAL |
| E | 11/04/2022 | BRH | ALF | ALF | THIRD 100% SUBMITTAL |

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MOBILE COUNTY COMMISSION
 MERCERIA L. LUDGOOD
 DISTRICT 2
 CONNIE HUDSON
 RANDALL DUEITT
 DISTRICT 3

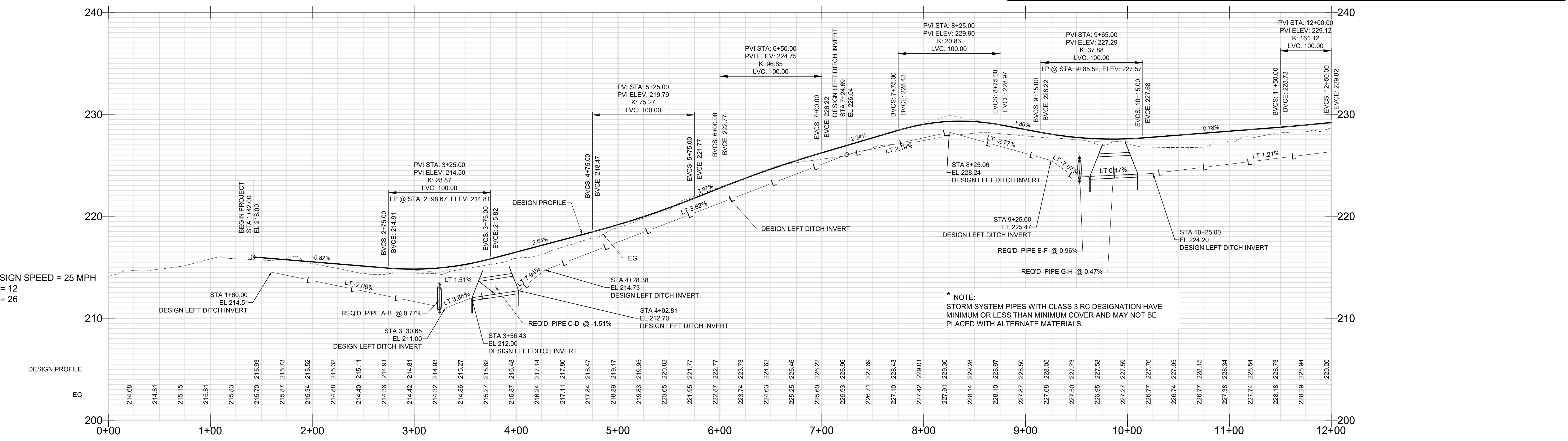
| Number | Degree of Curve/Radius | Length | Line/Chord Direction | START STATION | END STATION | START COORDINATE | END COORDINATE | RADIUS POINT COORDINATE |
|--------|------------------------|---------|----------------------|---------------|-------------|-----------------------------|-----------------------------|-------------------------|
| L3 | | 1556.63 | N0° 07' 59.19"E | 0+00.00 | 15+56.63 | N 302395.39 E 1749412.38 | N 303952.02 E 1749416.00 | |


| POINT | NORTHING | EASTING | ELEVATION | DESCRIPTION | STATION / OFFSET |
|-------|-----------|------------|-----------|----------------|----------------------|
| 1 | 302414.09 | 1749392.39 | 214.86 | CPT DEI RED CR | 0+18.66 / 20.03' L |
| 2 | 303110.45 | 1749385.52 | 228.33 | CPT DEI RED CR | 7+15.00 / 28.52' L |
| 3 | 303746.91 | 1749378.30 | 232.72 | CPT DEI RED CR | 13+51.43 / 37.22' L |
| 4 | 303984.57 | 1749260.04 | 235.09 | CPT DEI RED CR | 16+55.70 / 141.44' L |

| NAME | DESCRIPTION | LENGTH | SLOPE | LAYOUT INFORMATION |
|----------|--|--------|-------|---|
| Pipe A-B | 44" SPAN, 27" RISE ROADWAY PIPE CLASS 3 RC | 48' | 0.77% | MAUSAP ROAD 3+25 -20.9 L AT INV =211.00, (N 302720.49, E 1749392.28) TO 3+24 26.9 R AT INV =210.63, (N 302719.63, E 1749440.04) |
| Pipe C-D | 29" SPAN, 18" RISE SIDEDRAIN PIPE CLASS 3 RC | 47' | 1.51% | MAUSAP ROAD 4+03 -23.1 L AT INV =212.70, (N 302798.26, E 1749390.20) TO 3+56 -23.7 L AT INV =212.00, (N 302751.88, E 1749389.48) |
| Pipe E-F | 36" SPAN, 22" RISE ROADWAY PIPE CLASS 3 RC | 54' | 0.96% | MAUSAP ROAD 9+53 -23.3 L AT INV =223.86, (N 303348.00, E 1749391.28) TO 9+53 30.3 R AT INV =223.34, (N 303348.69, E 1749444.94) |
| Pipe G-H | 36" SPAN, 22" RISE SIDEDRAIN PIPE CLASS 3 RC | 48' | 0.47% | MAUSAP ROAD 10+10 -24.1 L AT INV =224.13, (N 303405.92, E 1749390.62) TO 9+63 -24.9 L AT INV =223.91, (N 303358.30, E 1749389.68) |

| NAME: | DETAILS/PAY ITEM: | PIPES IN: | PIPES OUT: | STATION OFFSET | RIM | LAYOUT COORDINATES |
|-------------|---|---------------------------------|---------------------------------|----------------|-------|---------------------------|
| Structure A | 44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT CLASS 1, 3:1 SLOPE | | PIPE "Pipe A-B", INV OUT=211.00 | 3+25 -13.3 L | 214.4 | N=302720.4 E=1749399.8 |
| Structure B | 44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT CLASS 1, 3:1 SLOPE | PIPE "Pipe A-B", INV IN =210.63 | | 3+24 19.4 R | 214.0 | N=302719.8 E=1749432.6 |
| Structure C | 29" SPAN, 18" RISE SIDEDRAIN PIPE END TREATMENT CLASS 1 4:1 SLOPE | | | 4+02 -23.1 L | 642.4 | N=302797.0 E=1749390.2 |
| Structure D | 29" SPAN, 18" RISE SIDEDRAIN PIPE END TREATMENT CLASS 1 4:1 SLOPE | | | 3+58 -23.7 L | 0.0 | N=302753.1 E=1749389.5 |
| Structure E | 36" SPAN, 23" RISE ROADWAY PIPE END TREATMENT CLASS 1, 3:1 SLOPE | | PIPE "Pipe E-F", INV OUT=223.86 | 9+53 -19.4 L | 226.0 | N=303348.1 E=1749395.2 |
| Structure F | 36" SPAN, 23" RISE ROADWAY PIPE END TREATMENT CLASS 1, 3:1 SLOPE | PIPE "Pipe E-F", INV IN =223.34 | | 9+53 26.6 R | 225.5 | N=303348.6 E=1749441.2 |
| Structure G | 36" SPAN, 23" RISE SIDEDRAIN PIPE END TREATMENT CLASS 1 4:1 SLOPE | | PIPE "Pipe G-H", INV OUT=224.13 | 10+04 -24.2 L | 226.3 | N=303399.1 E=1749390.5 |
| Structure H | 36" SPAN, 23" RISE SIDEDRAIN PIPE END TREATMENT CLASS 1 4:1 SLOPE | PIPE "Pipe G-H", INV IN =223.91 | | 9+69 -24.8 L | 226.1 | N=303364.7 E=1749389.8 |

MAUSAP ROAD PROFILE



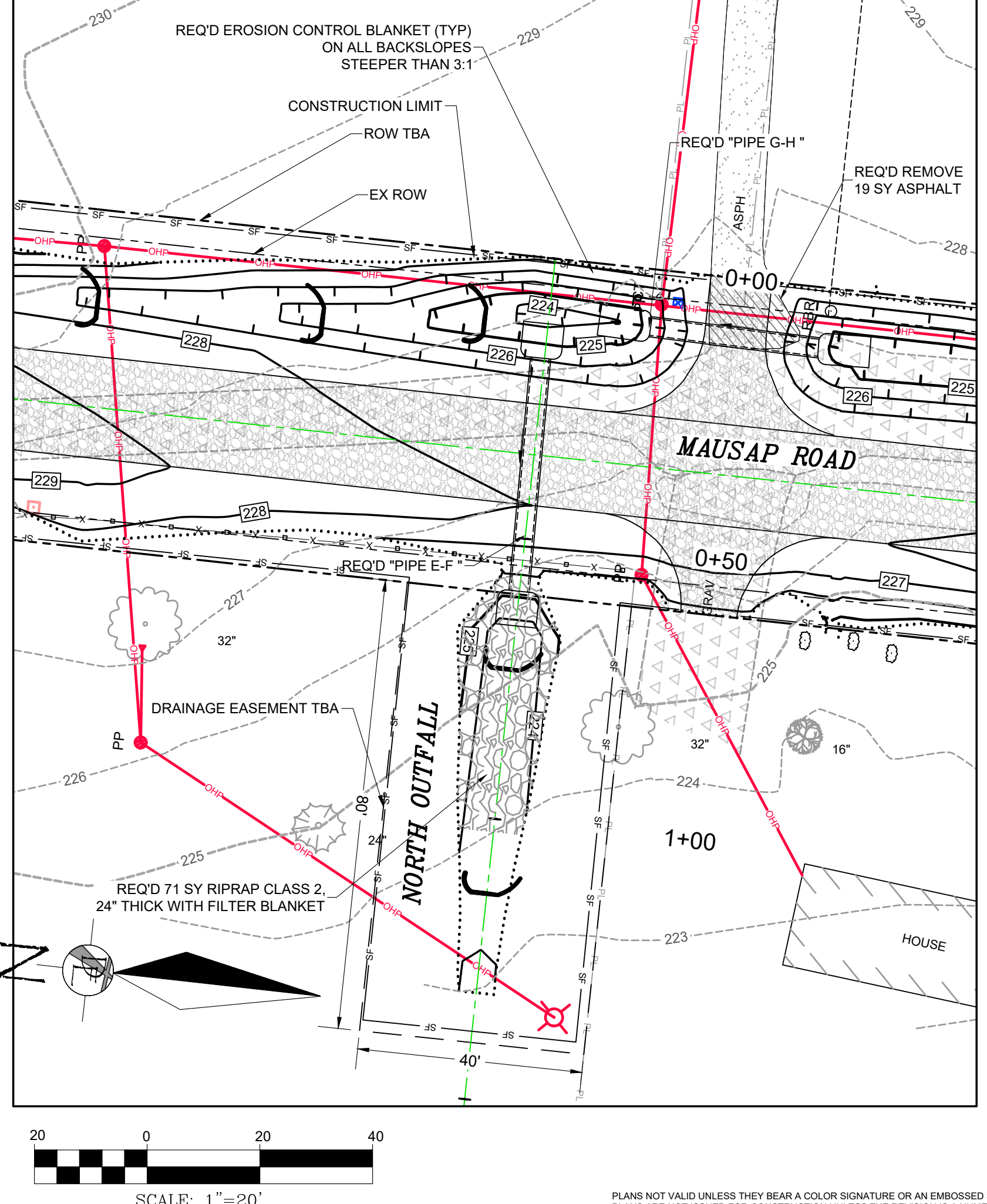
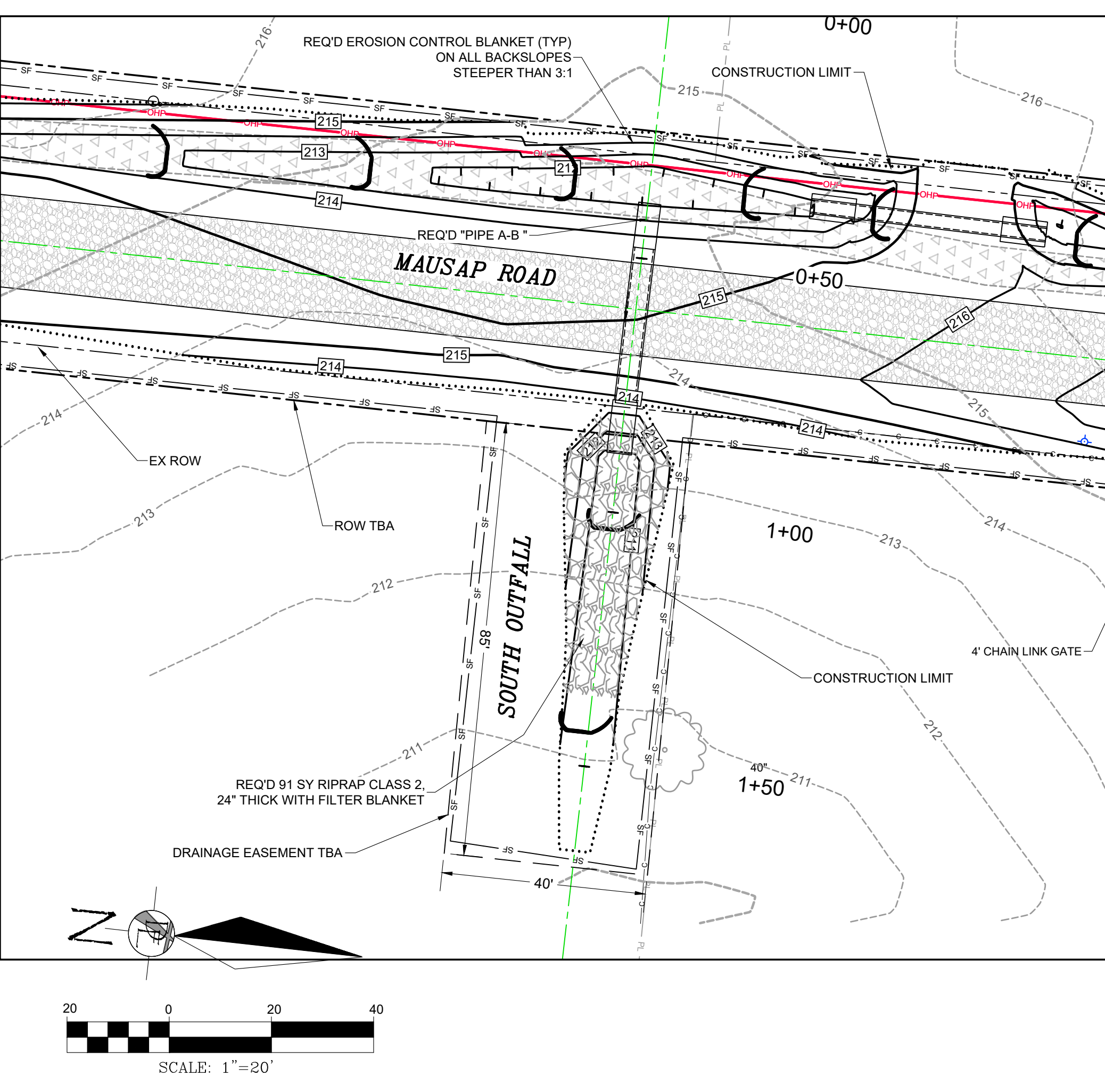
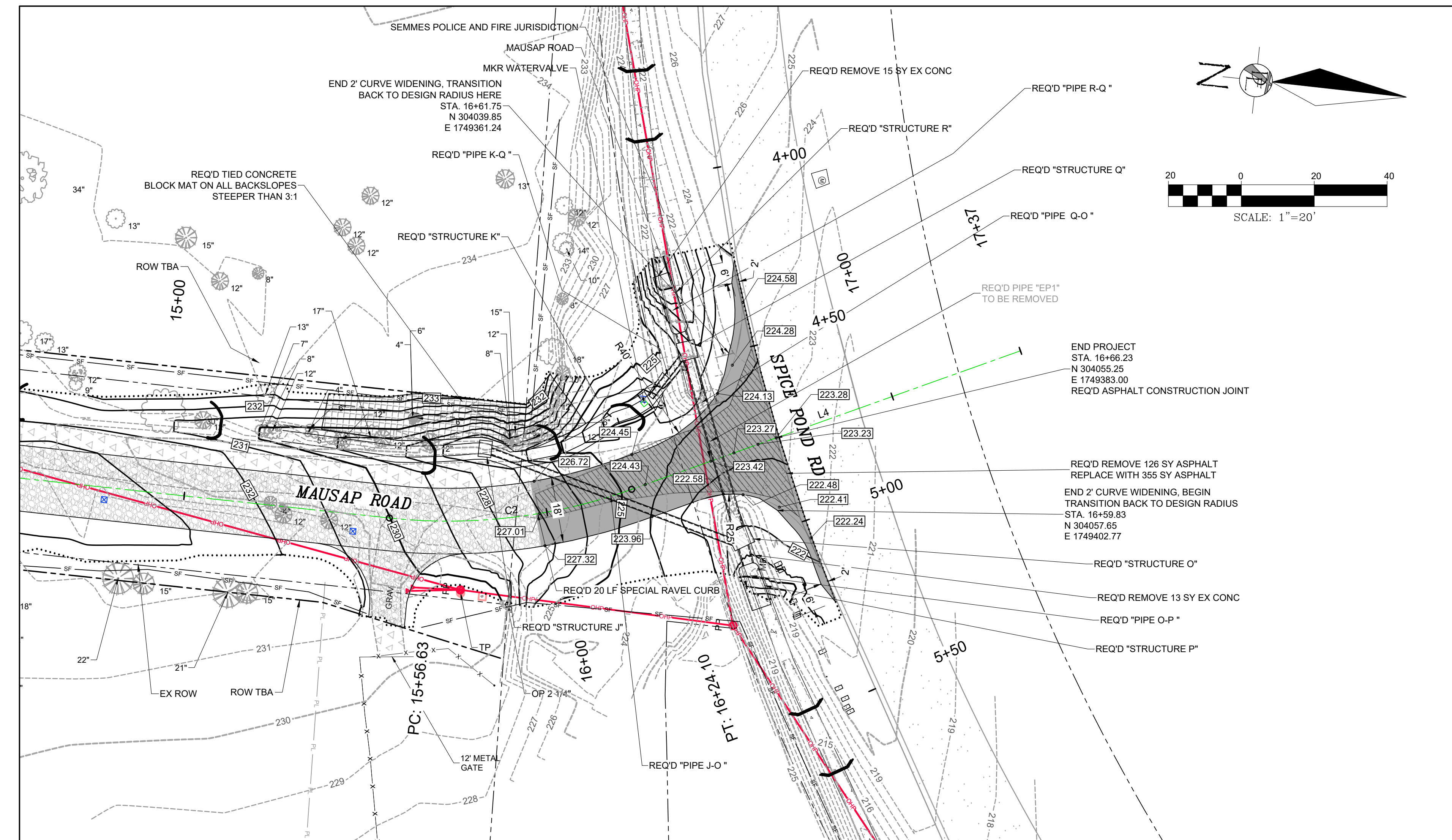
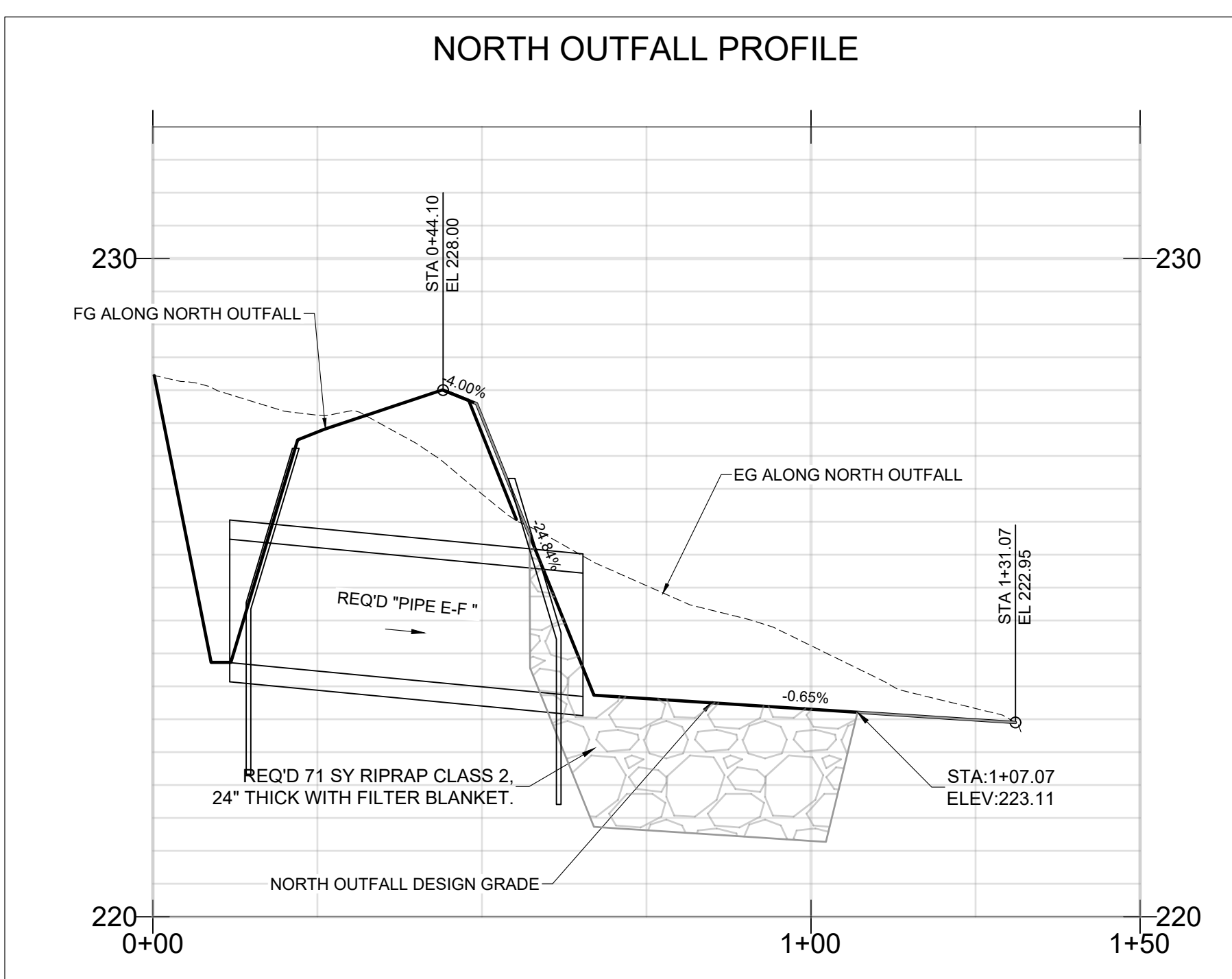
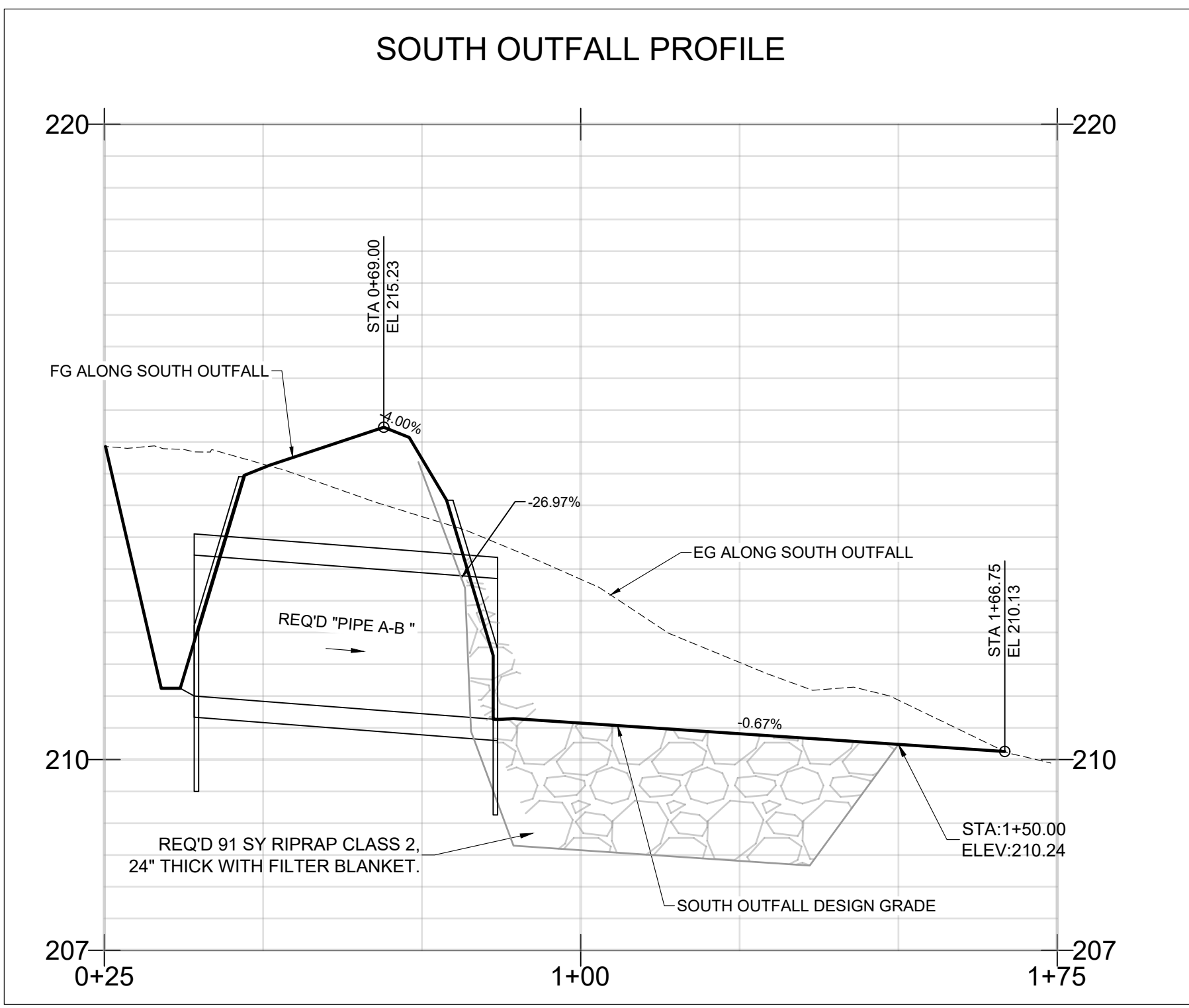
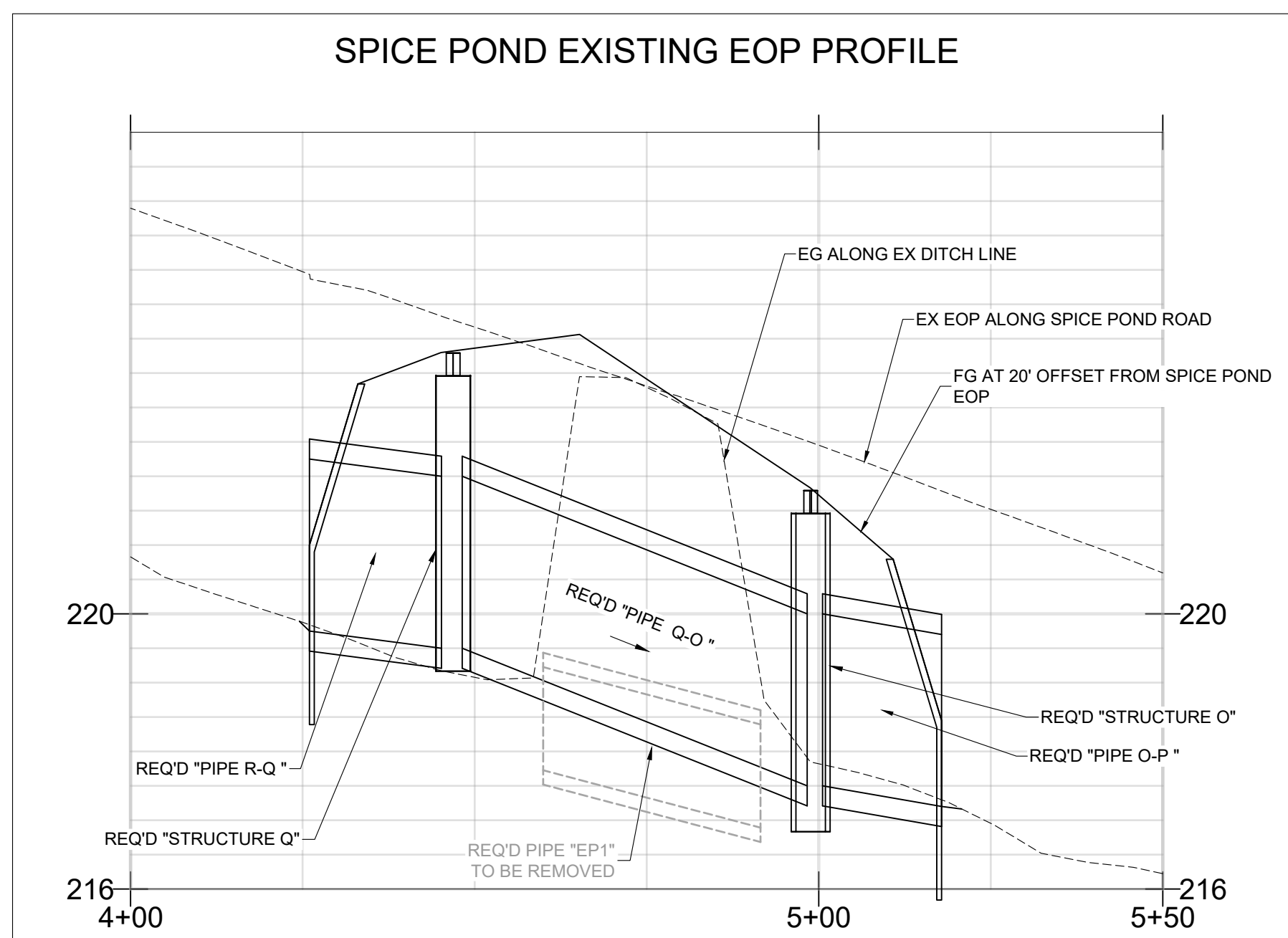

 22182
 PROFESSIONAL
 ENGINEER
 WILLIAM L. S. JONES

Driven Engineering, Inc.
 8005 Morris Hill Road, Semmes, AL 36575
 (251) 649-4011 Office
 (251) 645-0871 Fax
 www.drivenengineering.com

MOBILE COUNTY
PROJ. NO. CDP-121-22/MCD1-PW-23-001
MAUSAP ROAD
PLAN AND PROFILES (SHEET 1 OF 2)

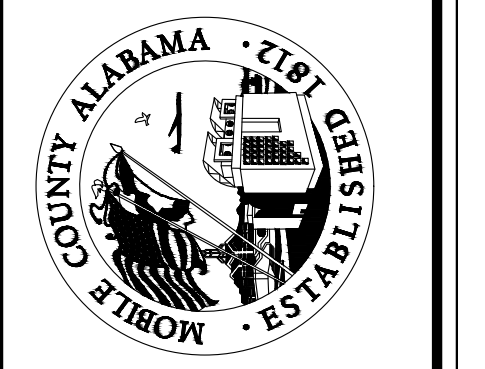
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|----------------|----------|
| DATE | SCALE |
| 07/25/2022 | AS SHOWN |
| PROJECT NUMBER | 22026 |
| DRAWING NUMBER | C04 |
| TOTAL SHEETS | 17 |
| REVISION | G |

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| | | | | |
|---|------------|-----|-----|-----|
| F | 03/30/2023 | BRH | BRH | ALF |
| G | 08/15/2023 | BRH | BRH | ALF |
| C | 08/17/2022 | ALF | ALF | ALF |
| D | 08/24/2022 | BRH | ALF | ALF |
| E | 11/04/2022 | BRH | ALF | ALF |

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MOBILE COUNTY COMMISSION
 CLIENT: MERCERIA L. LUDGOOD
 CONNIE HUDSON
 RANDALL DUEITT



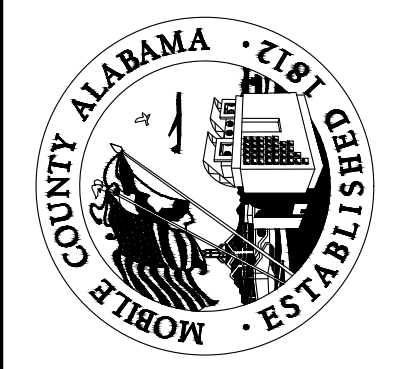
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| | | | |
|-----------------|--|-----------------|----------|
| TITLE: | MOBILE COUNTY PROJ. NO. CDP-121-22/MCD1-PW-23-001 MAUSAP ROAD INTERSECTION AND PIPE CROSSING DETAILS | | |
| DATE: | 07/25/2022 | SCALE: | AS SHOWN |
| PROJECT NUMBER: | 22026 | DRAWING NUMBER: | C06 |
| TOTAL SHEETS: | 17 | REVISION: | G |

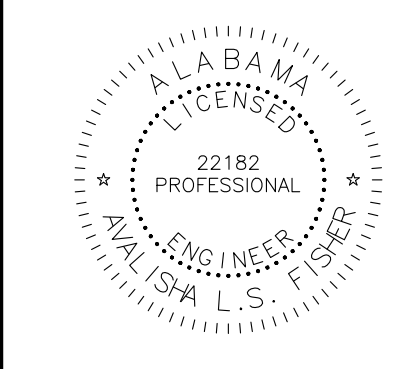
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| | | | | |
|---|-----------------------------------|-----|-----|-----|
| F | 03/30/2023 | BRH | BRH | ALF |
| | REVISED ROW AT NORTHWEST CORNER | | | |
| G | 8/15/2023 | ALF | BRH | ALF |
| | UPDATE PLANS FOR ROW CHANGE | | | |
| C | 08/17/2022 | ALF | ALF | ALF |
| | 100% SUBMITTAL ISSUED FOR BIDDING | | | |
| D | 8/24/2022 | BRH | ALF | ALF |
| | SECOND 100% SUBMITTAL | | | |
| E | 11/04/2022 | BRH | ALF | ALF |
| | THIRD 100% SUBMITTAL | | | |

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 DISTRICT 3
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 DISTRICT 4

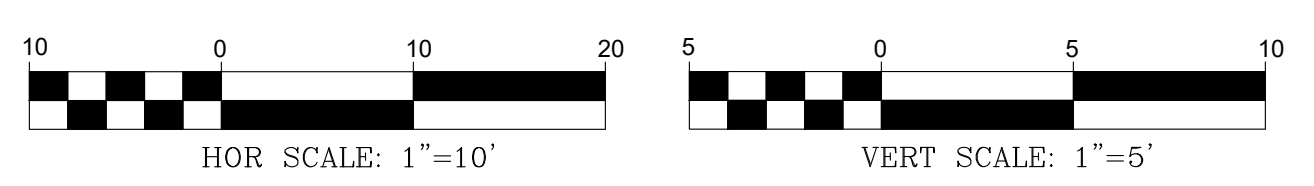
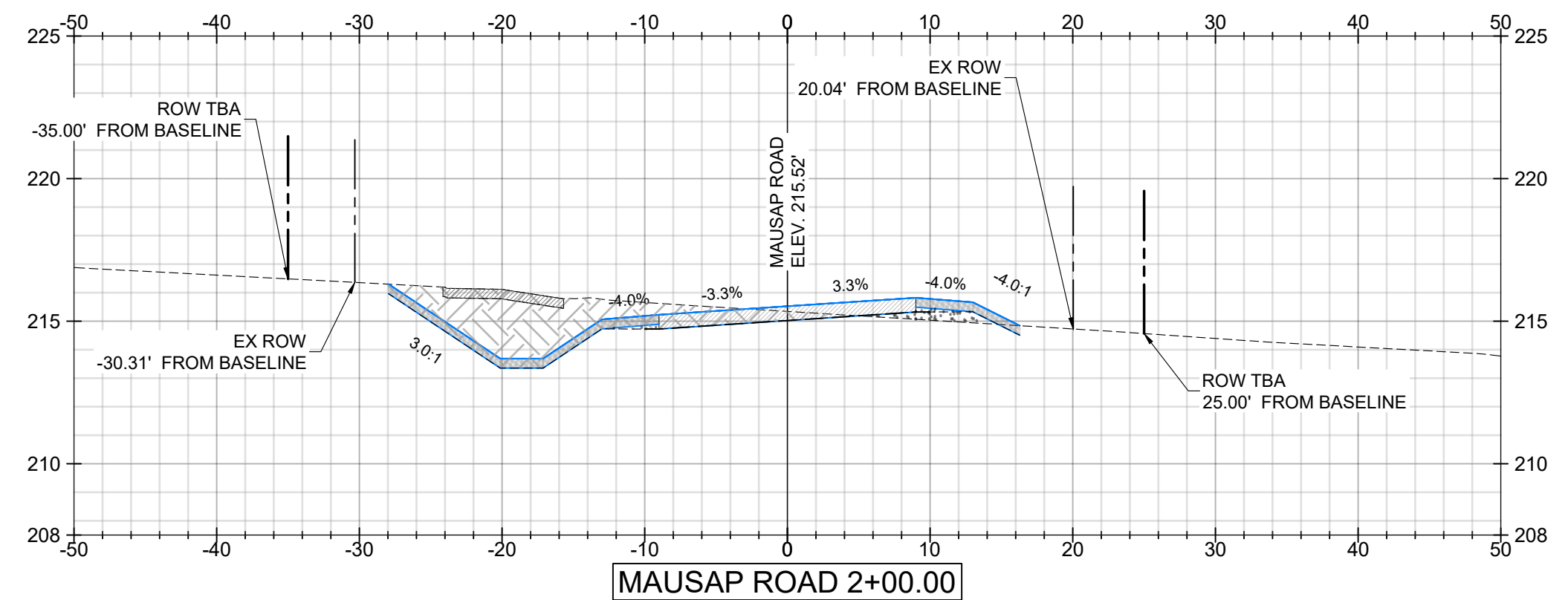
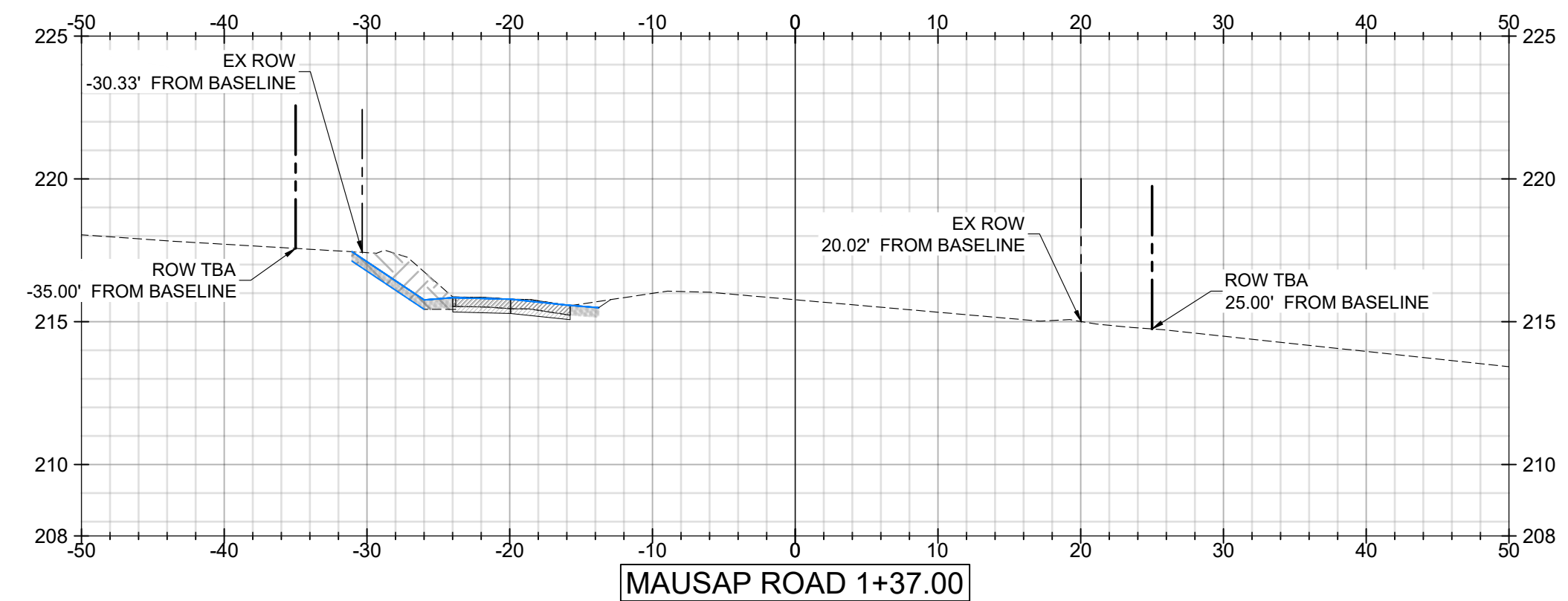
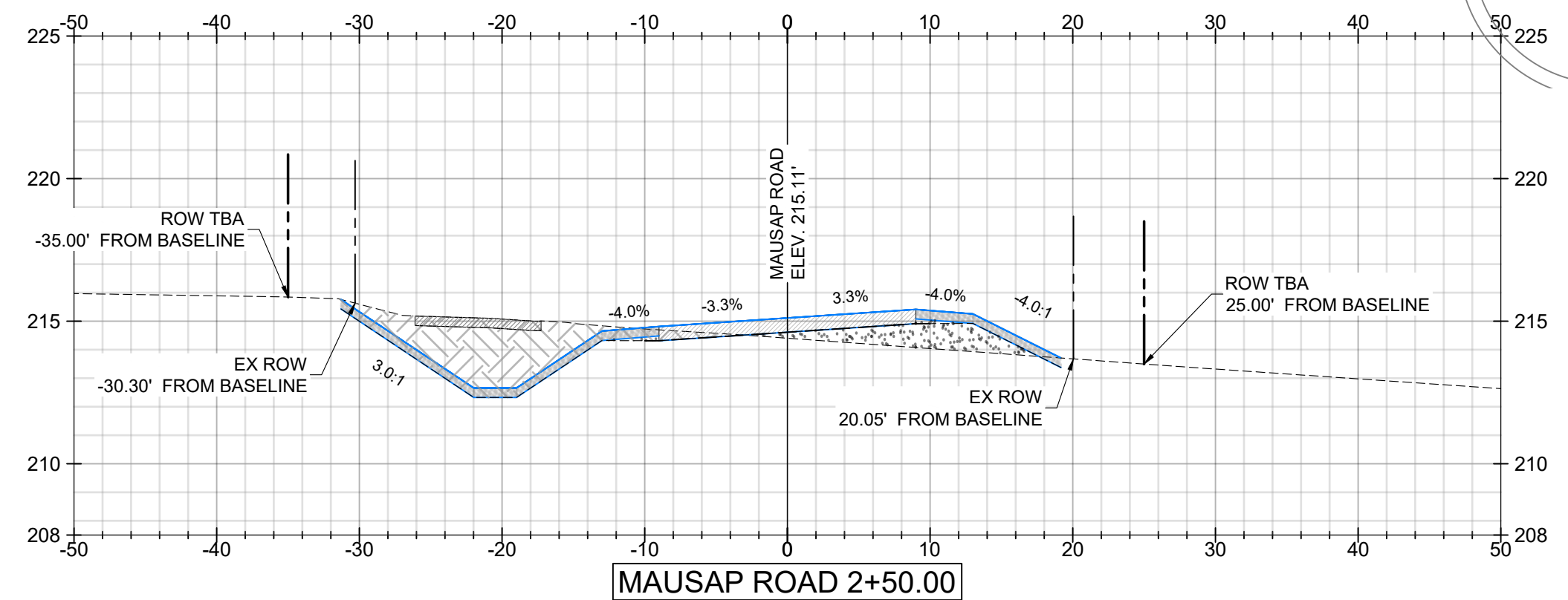
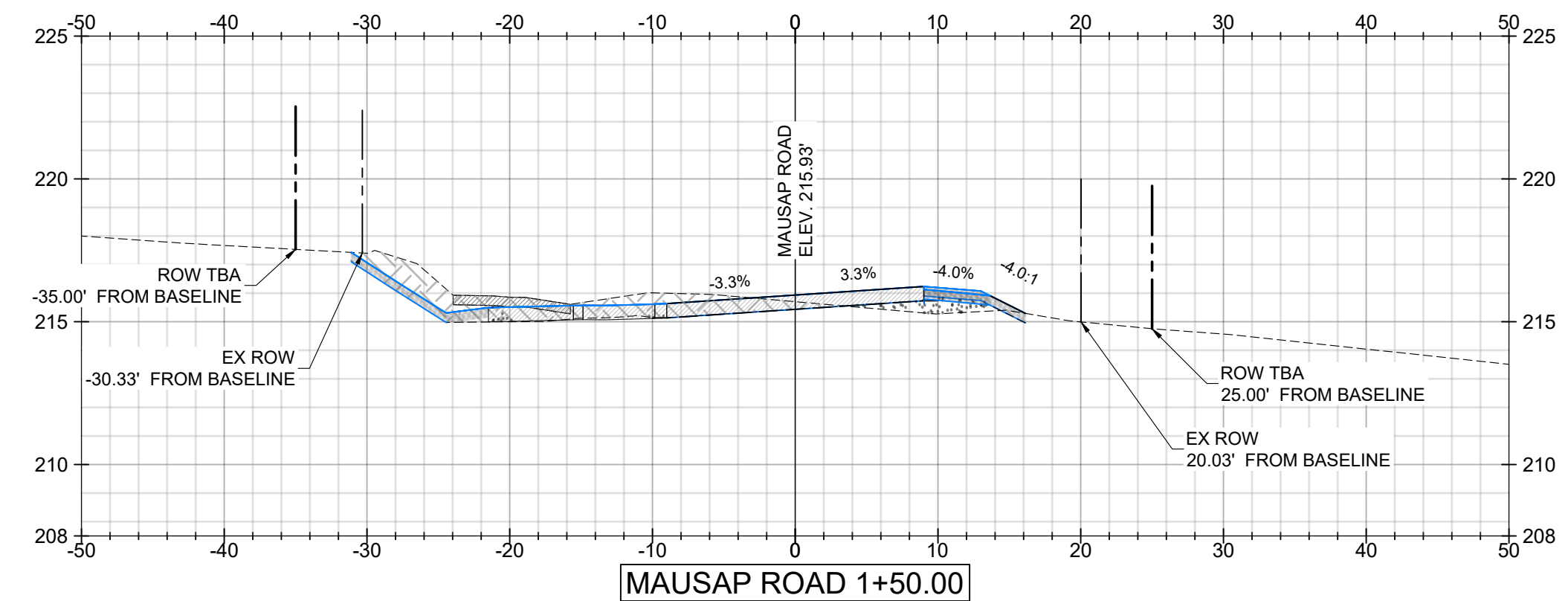
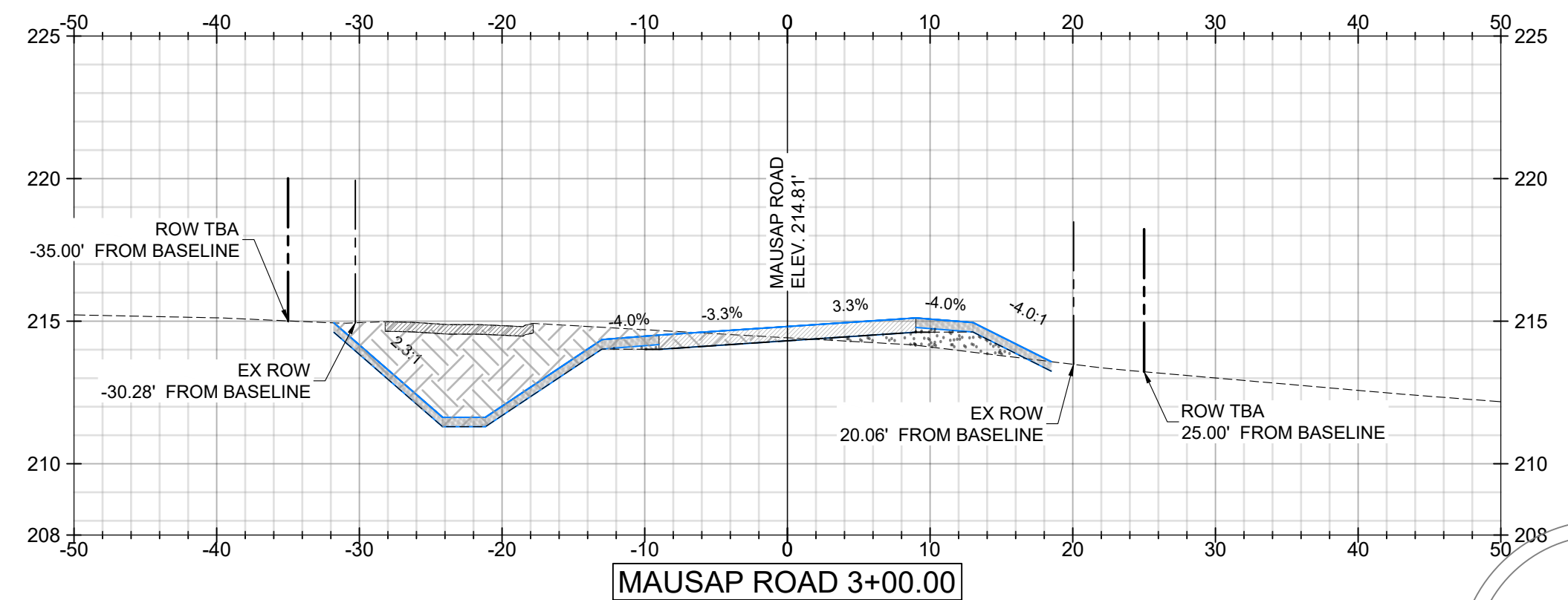
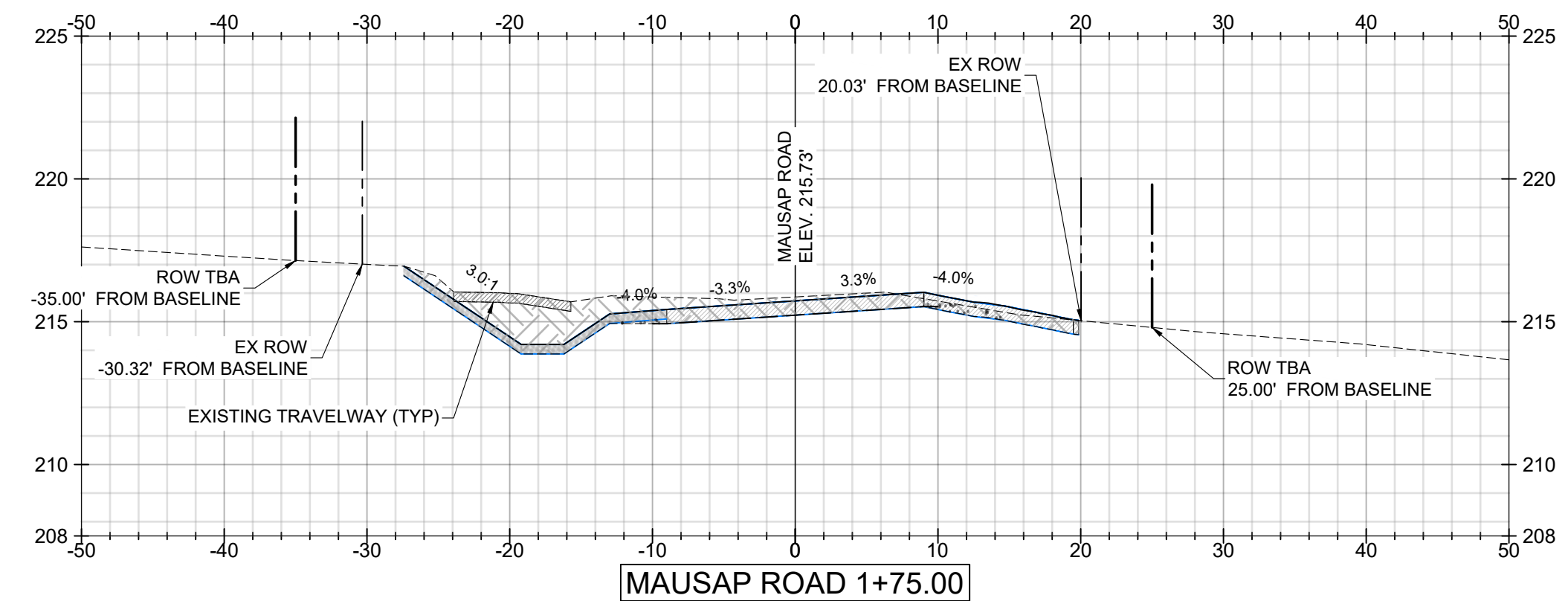


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MOBILE COUNTY
 PROJ. NO. CDP-121-22/MCD1-PW-23-001
 MAUSAP ROAD
 CROSS SECTIONS (SHEET 1 OF 7)

| | | |
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| DATE | SCALE | |
| 07/25/2022 | AS SHOWN | |
| PROJECT NUMBER: | 22026 | |
| DRAWING NUMBER | TOTAL SHEETS | REVISION |
| C07 | 17 | G |

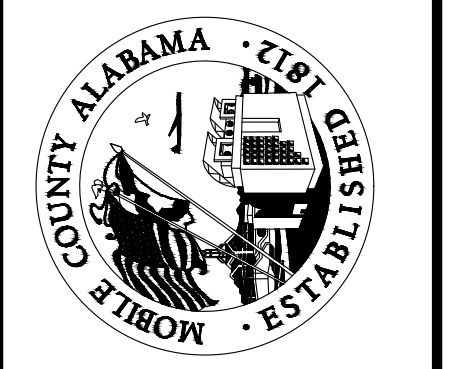
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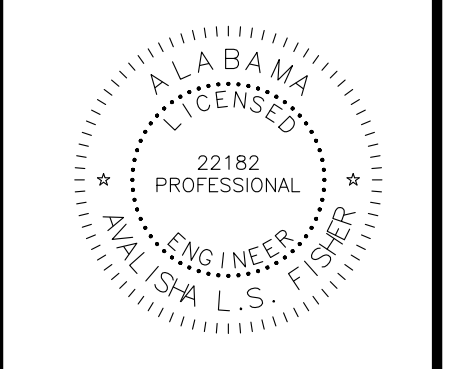
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|---|-----------------------------------|-----|-----|-----|
| F | 03/30/2023 | BRH | BRH | ALF |
| | REVISED ROW AT NORTHWEST CORNER | | | |
| G | 8/15/2023 | JSF | BRH | ALF |
| | UPDATE PLANS FOR ROW CHANGE | | | |
| C | 08/17/2022 | ALF | ALF | ALF |
| | 100% SUBMITTAL ISSUED FOR BIDDING | | | |
| D | 8/24/2022 | BRH | ALF | ALF |
| | SECOND 100% SUBMITTAL | | | |
| E | 11/04/2022 | BRH | ALF | ALF |
| | THIRD 100% SUBMITTAL | | | |

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 CONNIE HUDSON
 RANDALL DUEITT

CLIENT:



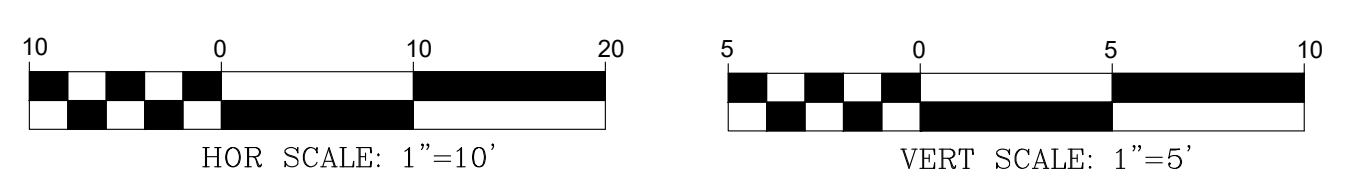
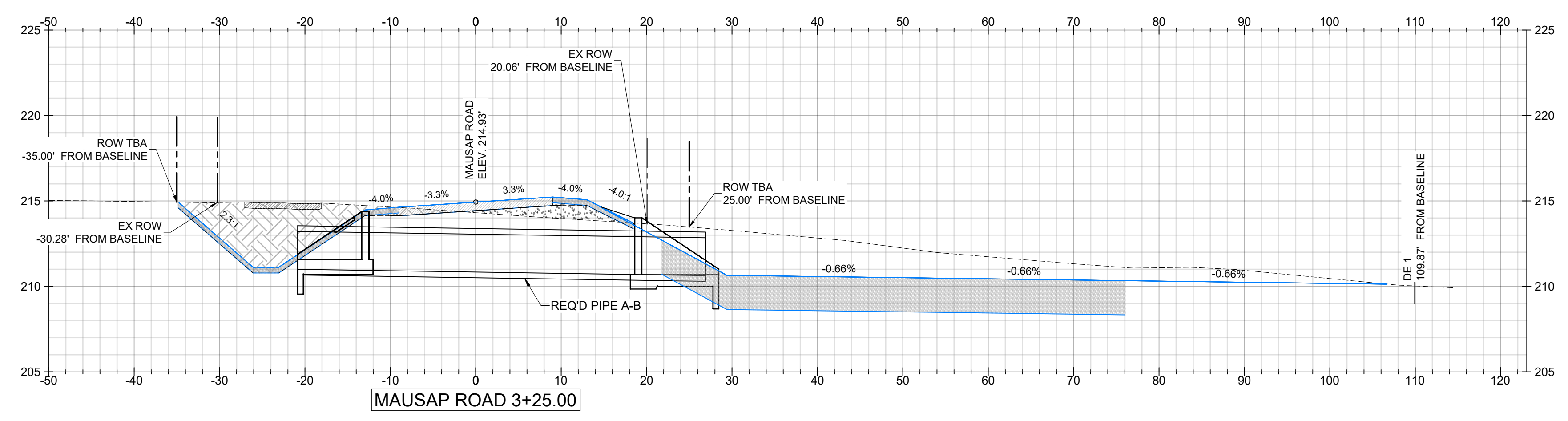
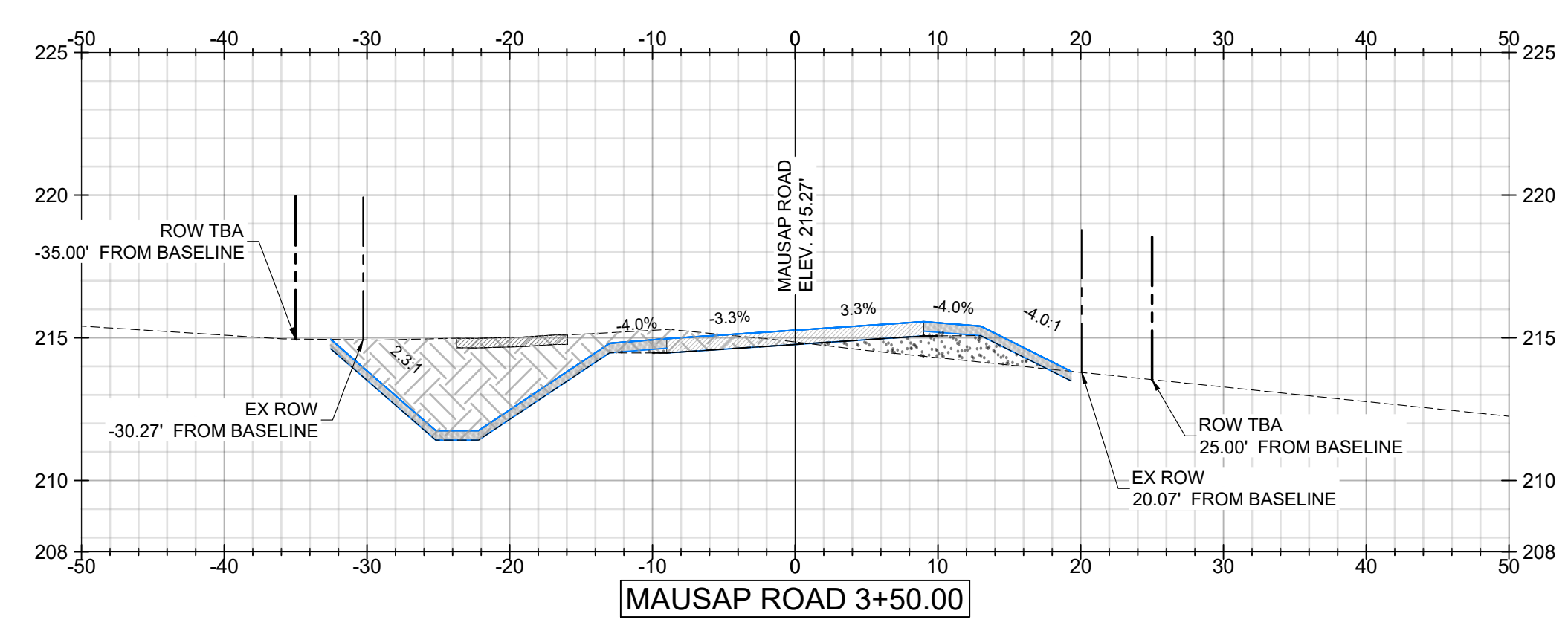
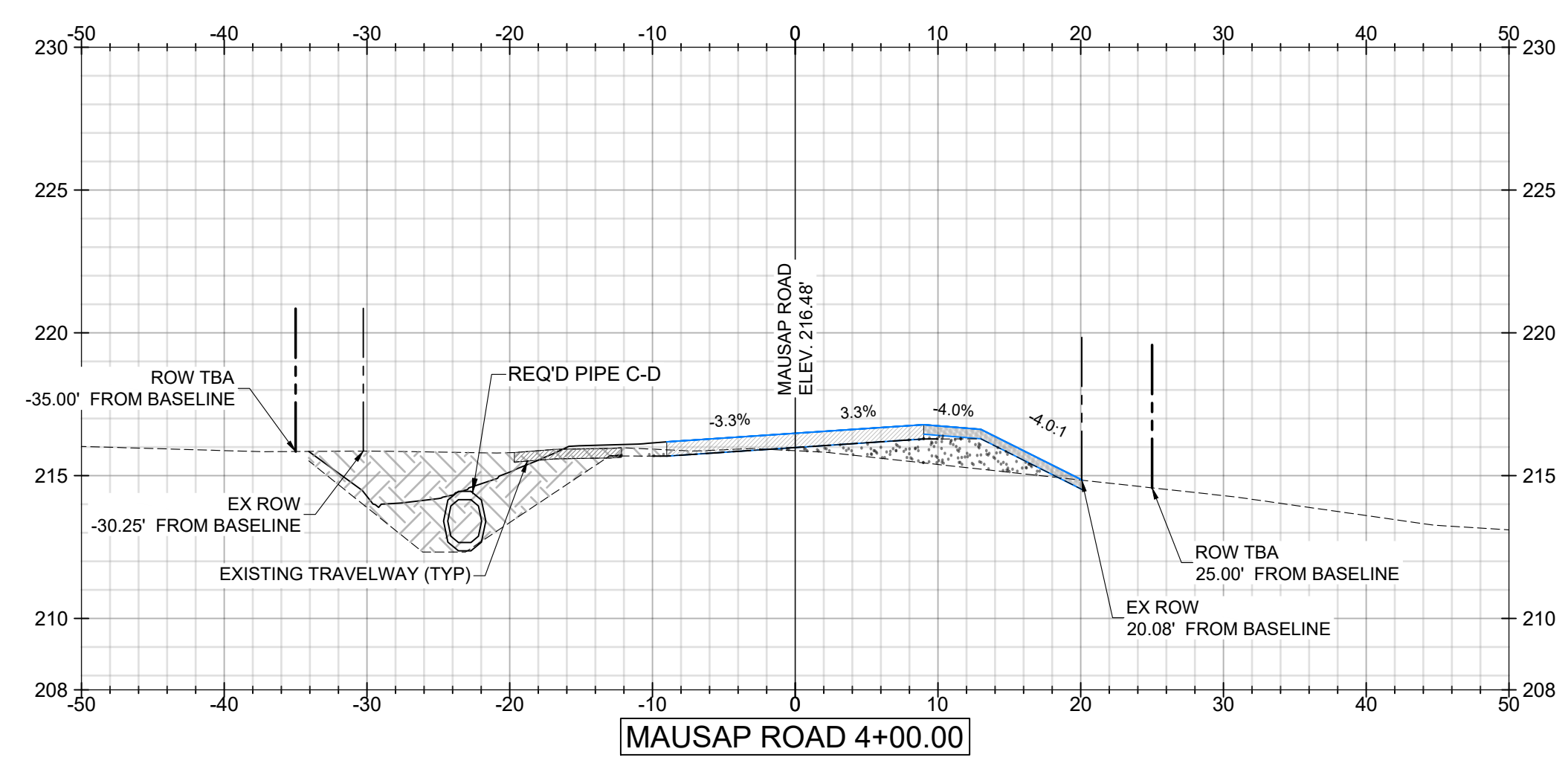
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MOBILE COUNTY
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 MAUSAP ROAD
 CROSS SECTIONS (SHEET 2 OF 7)

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| 07/25/2022 | AS SHOWN | |
| PROJECT NUMBER | 22026 | |
| DRAWING NUMBER | TOTAL SHEETS | REVISION |
| C08 | 17 | G |

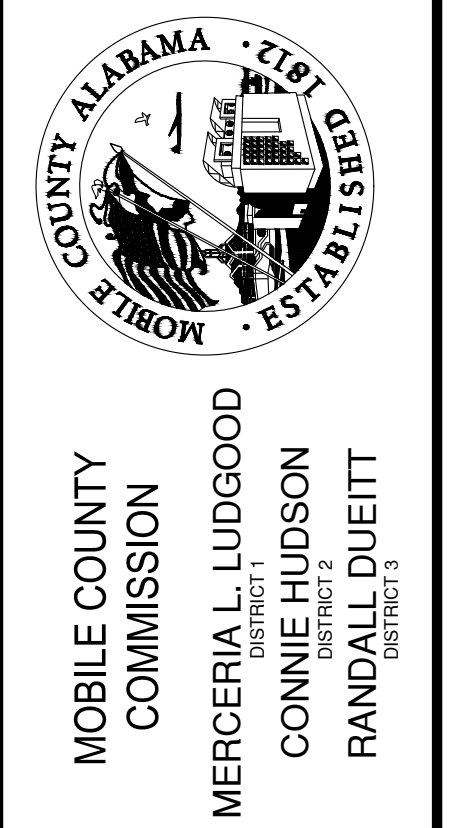
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| | | | | |
|---|------------|-----|-----|-----|
| F | 03/30/2023 | BRH | BRH | ALF |
| G | 8/15/2023 | ALF | BRH | ALF |
| C | 08/17/2022 | ALF | ALF | ALF |
| D | 8/24/2022 | BRH | ALF | ALF |
| E | 11/04/2022 | BRH | ALF | ALF |

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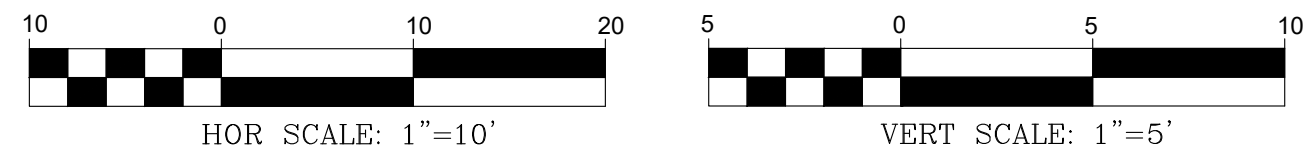
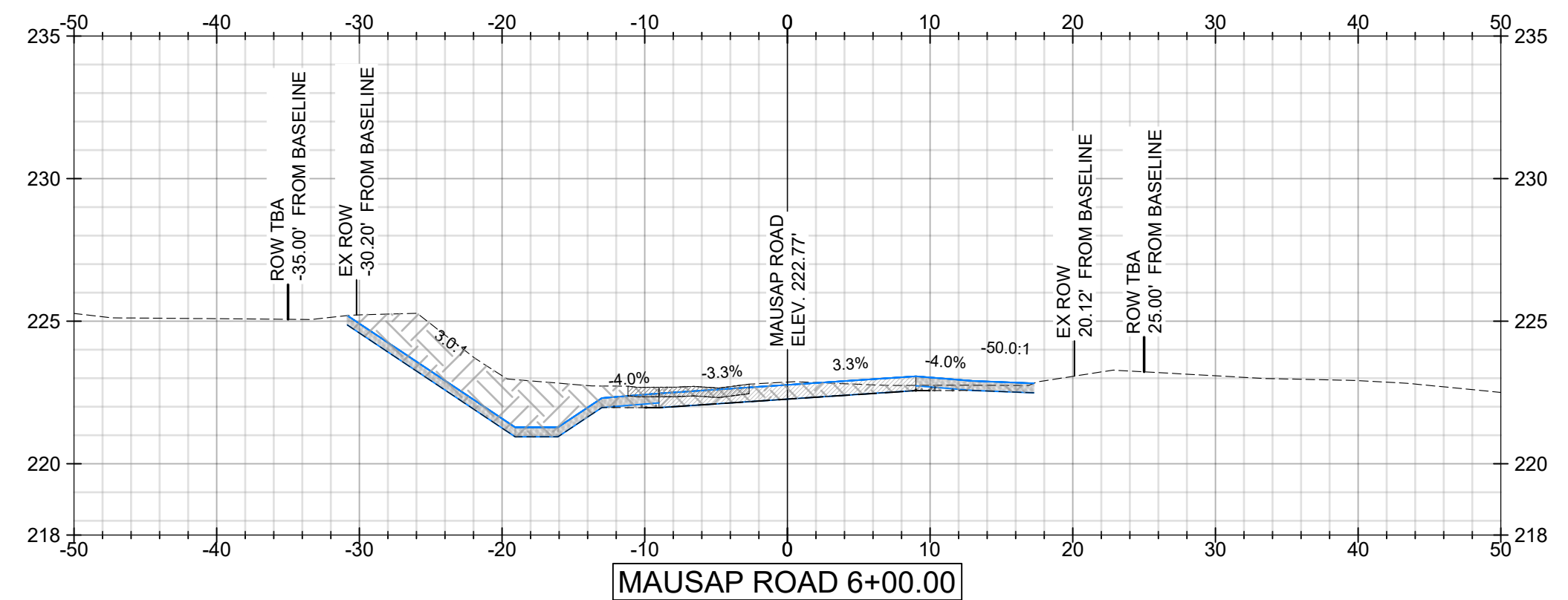
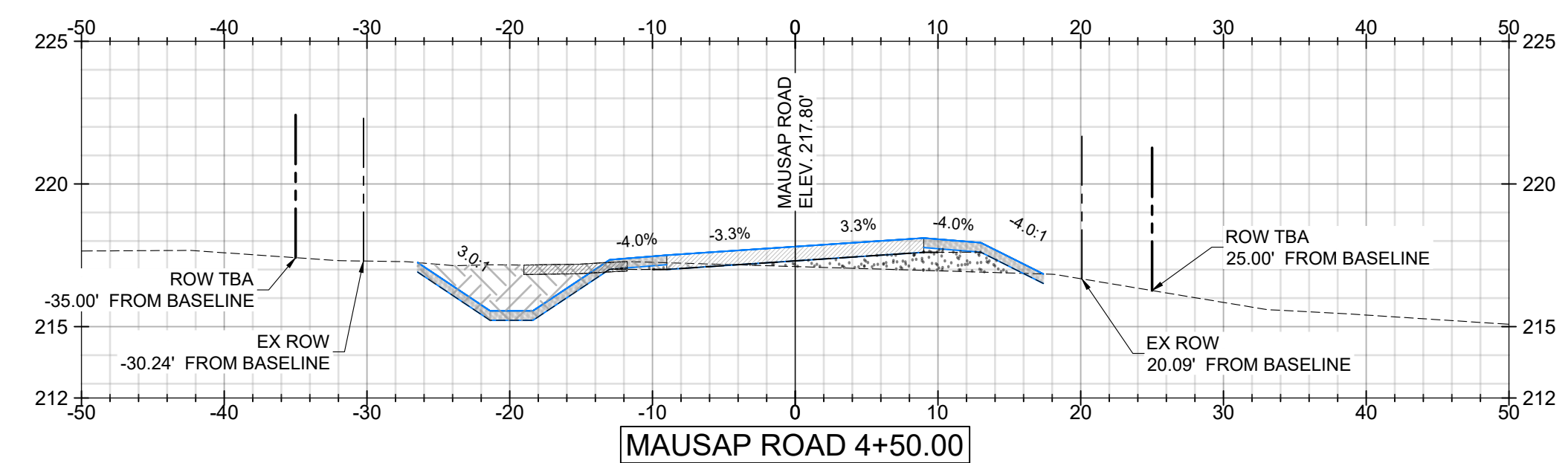
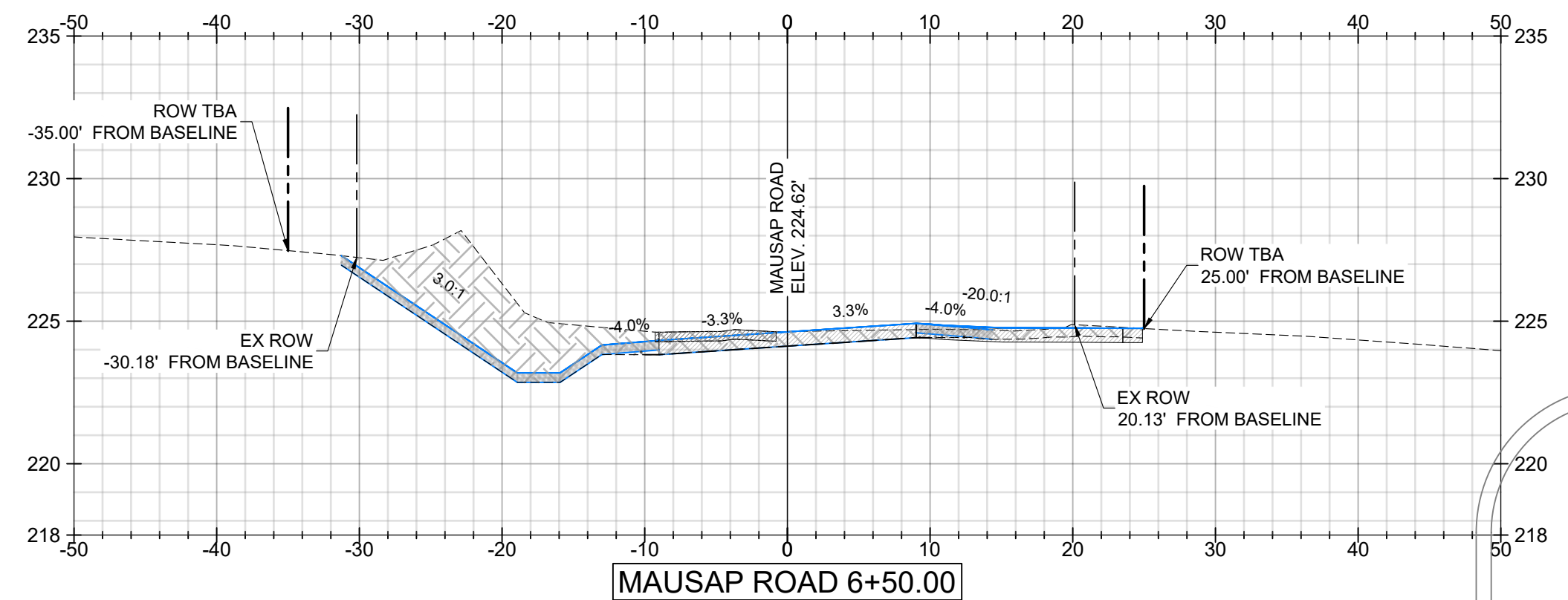
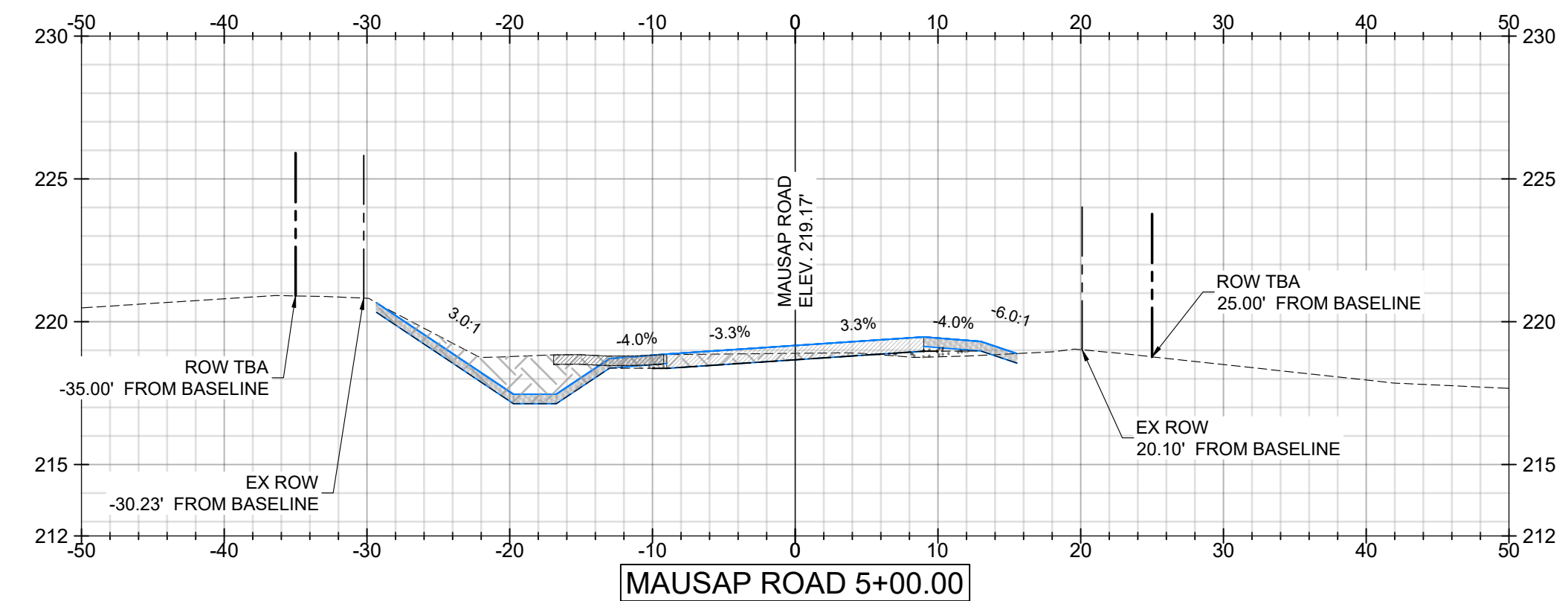
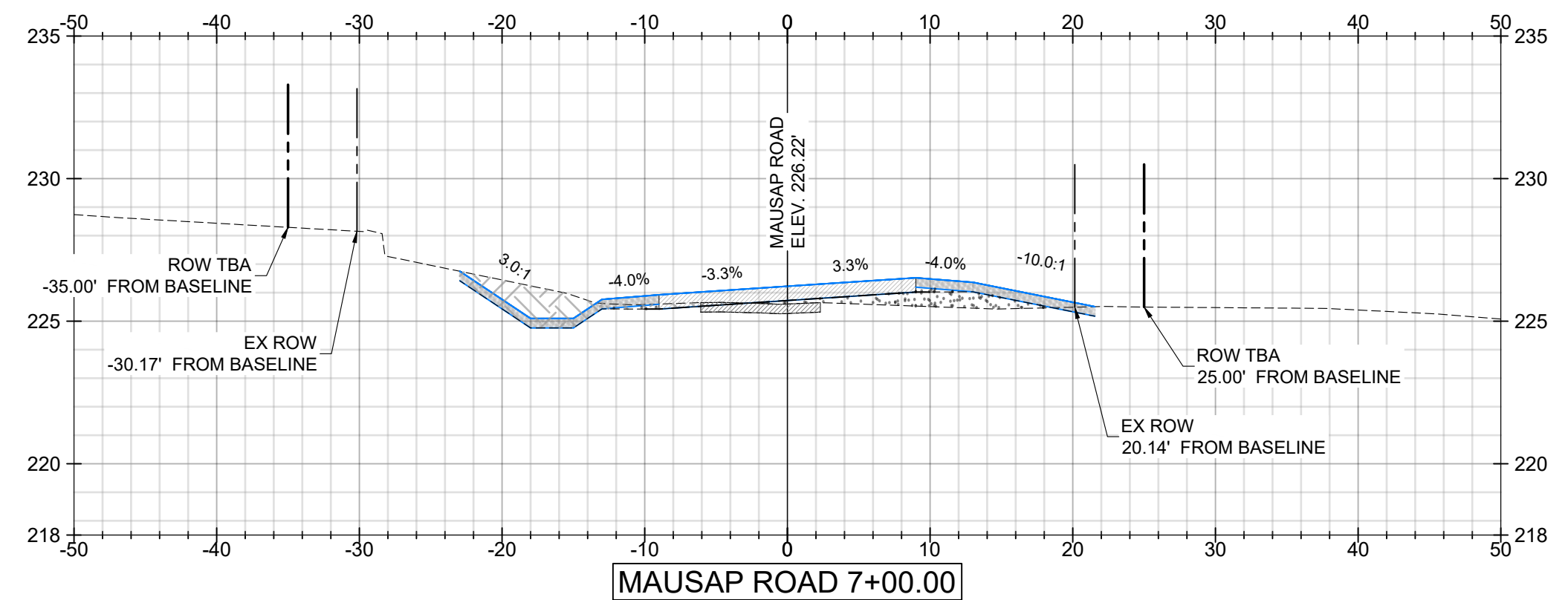
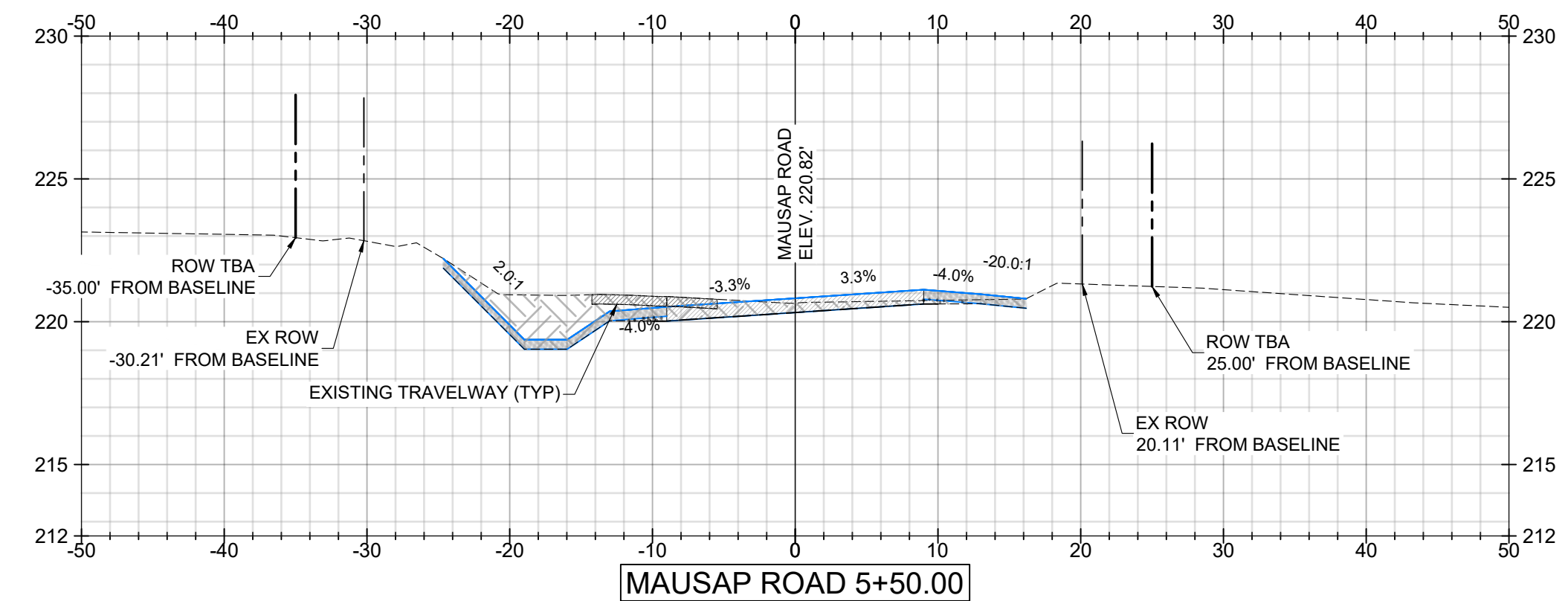


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MOBILE COUNTY
 PROJ. NO. CDP-121-22/MCD1-PW-23-001
 MAUSAP ROAD
 CROSS SECTIONS (SHEET 3 OF 7)

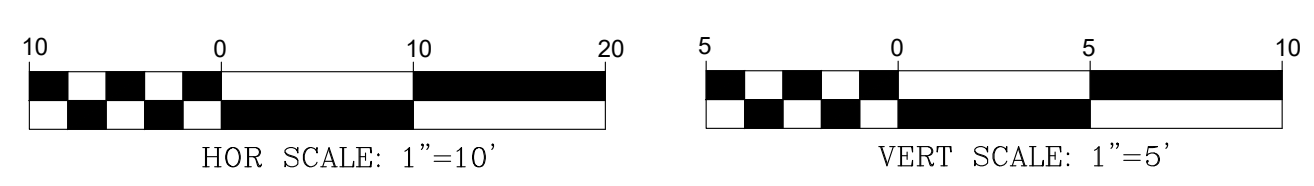
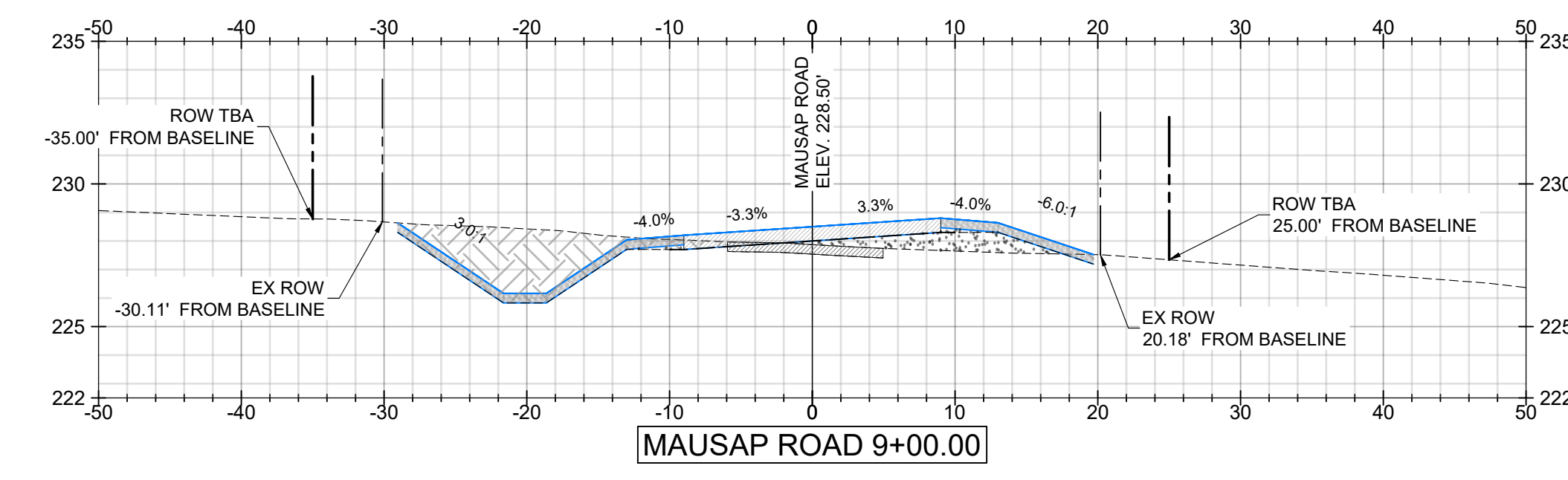
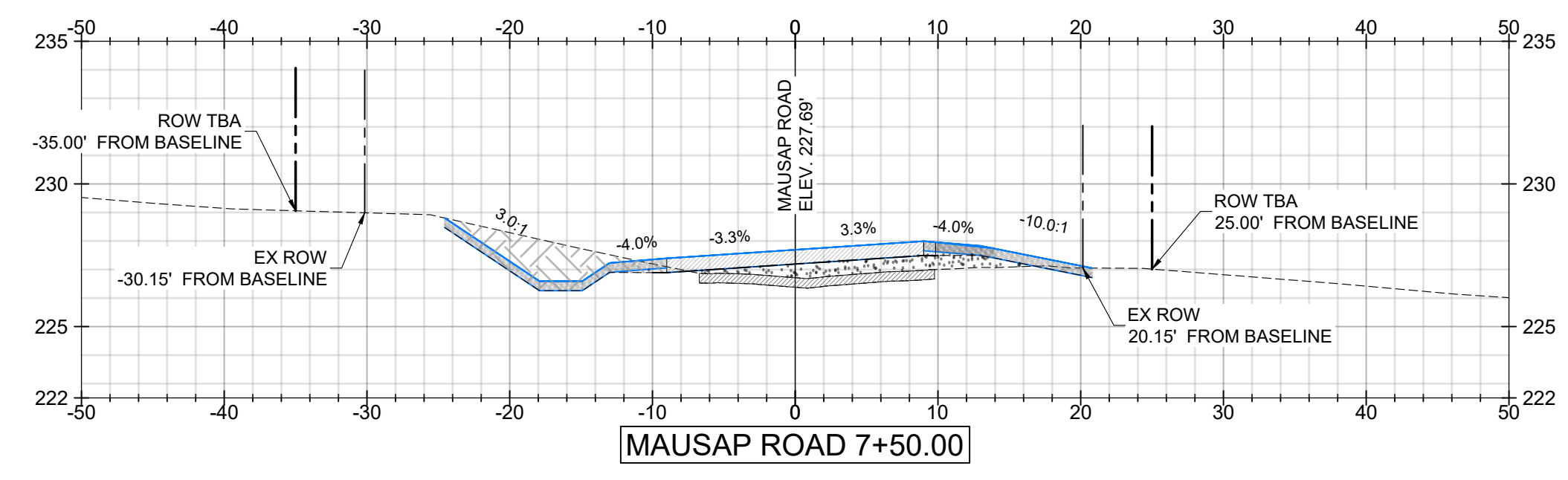
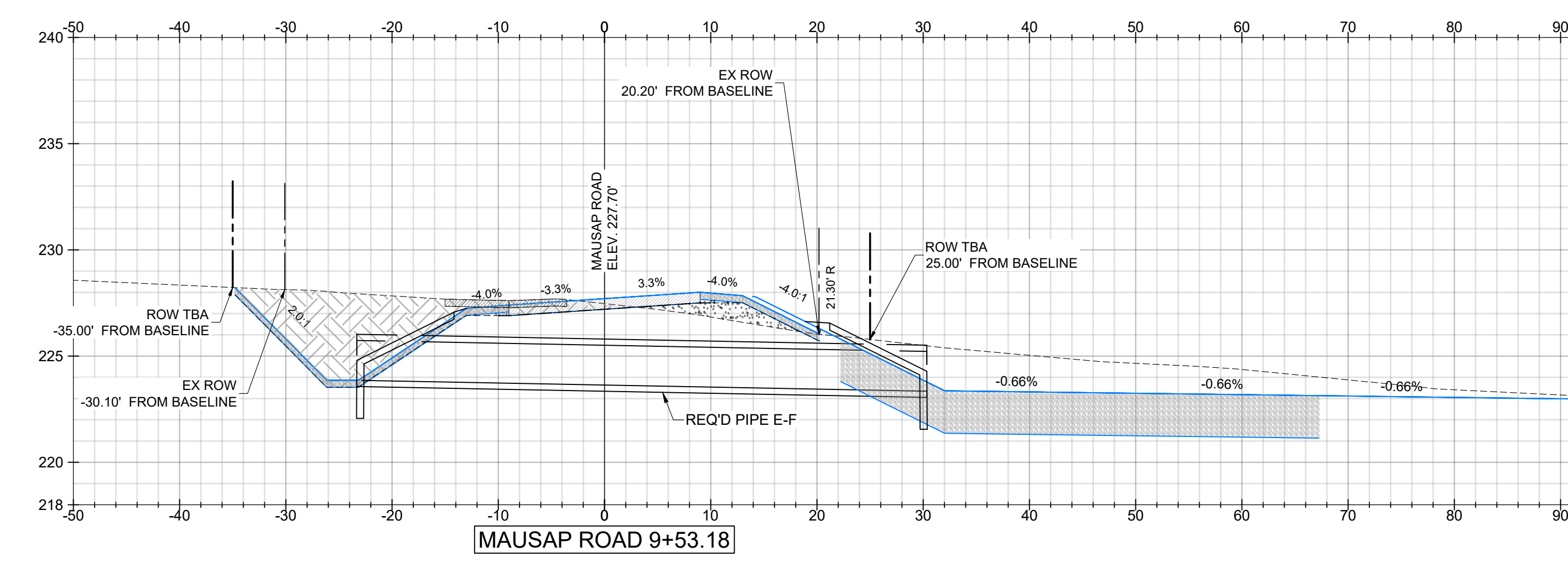
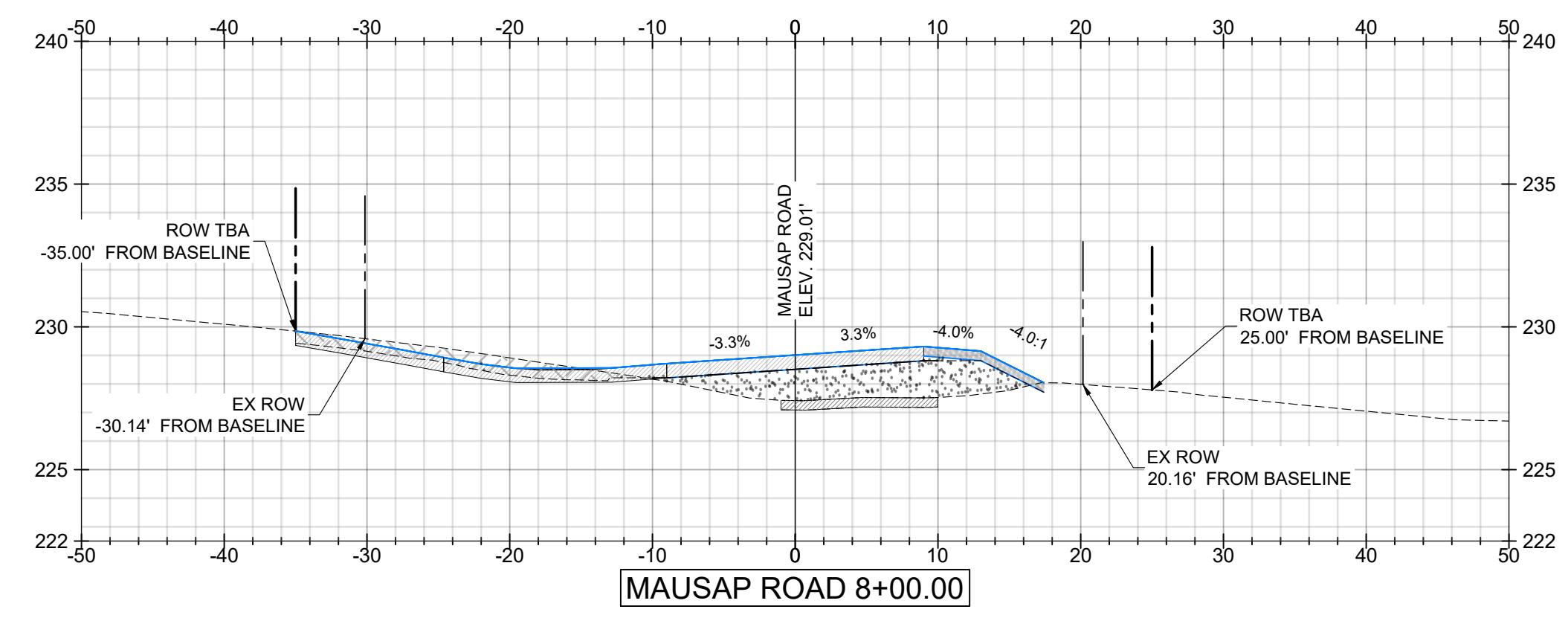
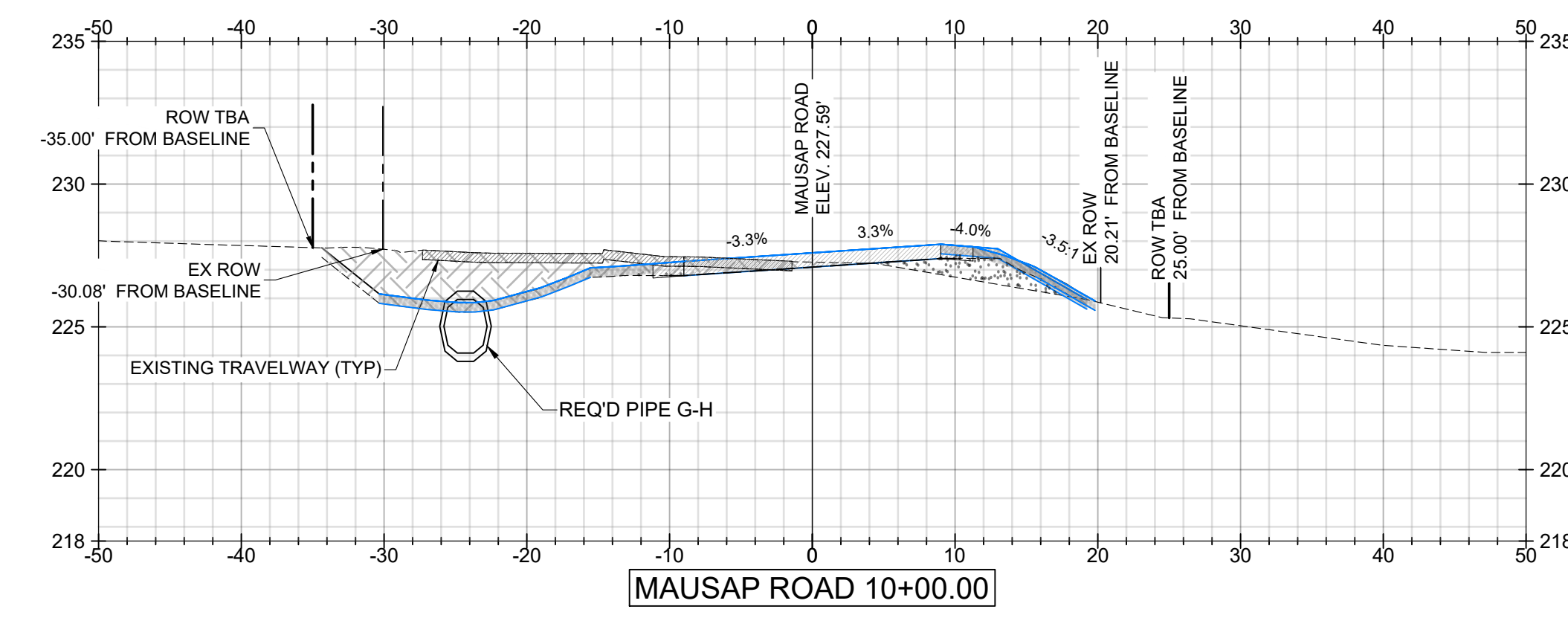
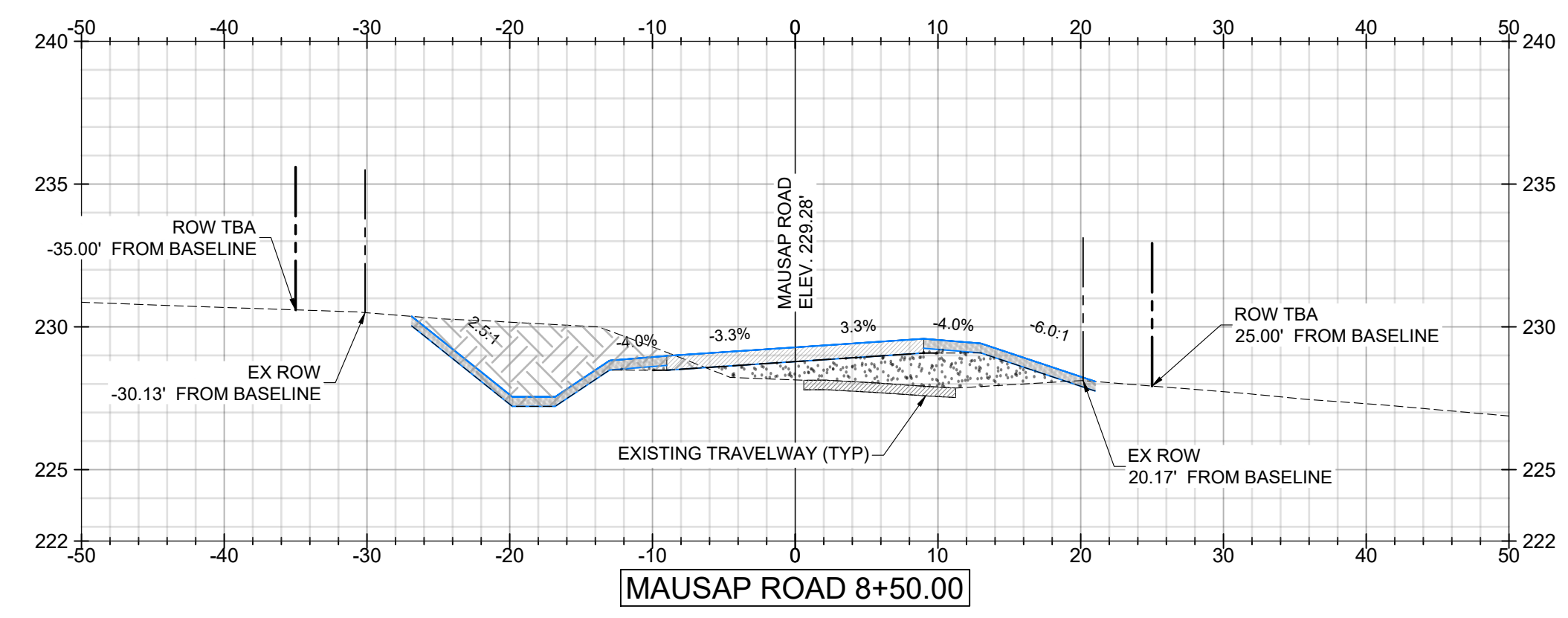
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| DRAWING NUMBER | TOTAL SHEETS | REVISION |
| C09 | 17 | G |

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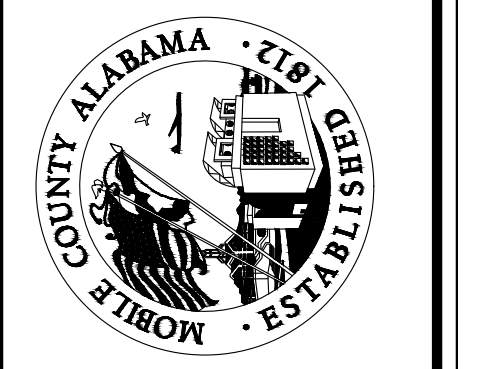
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| | | | |
|---|------------|-----|-----|
| F | 03/30/2023 | BRH | ALF |
| G | 08/15/2023 | ALF | ALF |
| C | 08/17/2022 | ALF | ALF |
| D | 07/24/2022 | BRH | ALF |
| E | 11/04/2022 | BRH | ALF |

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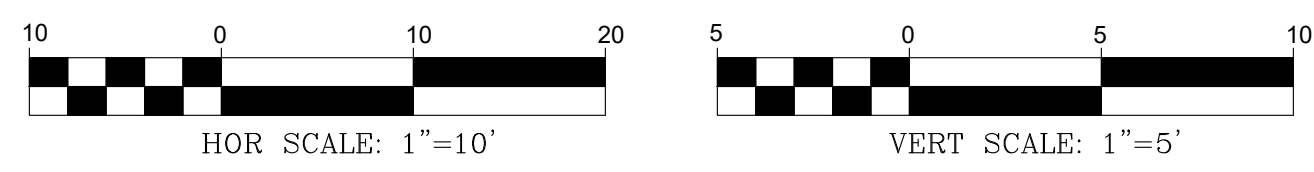
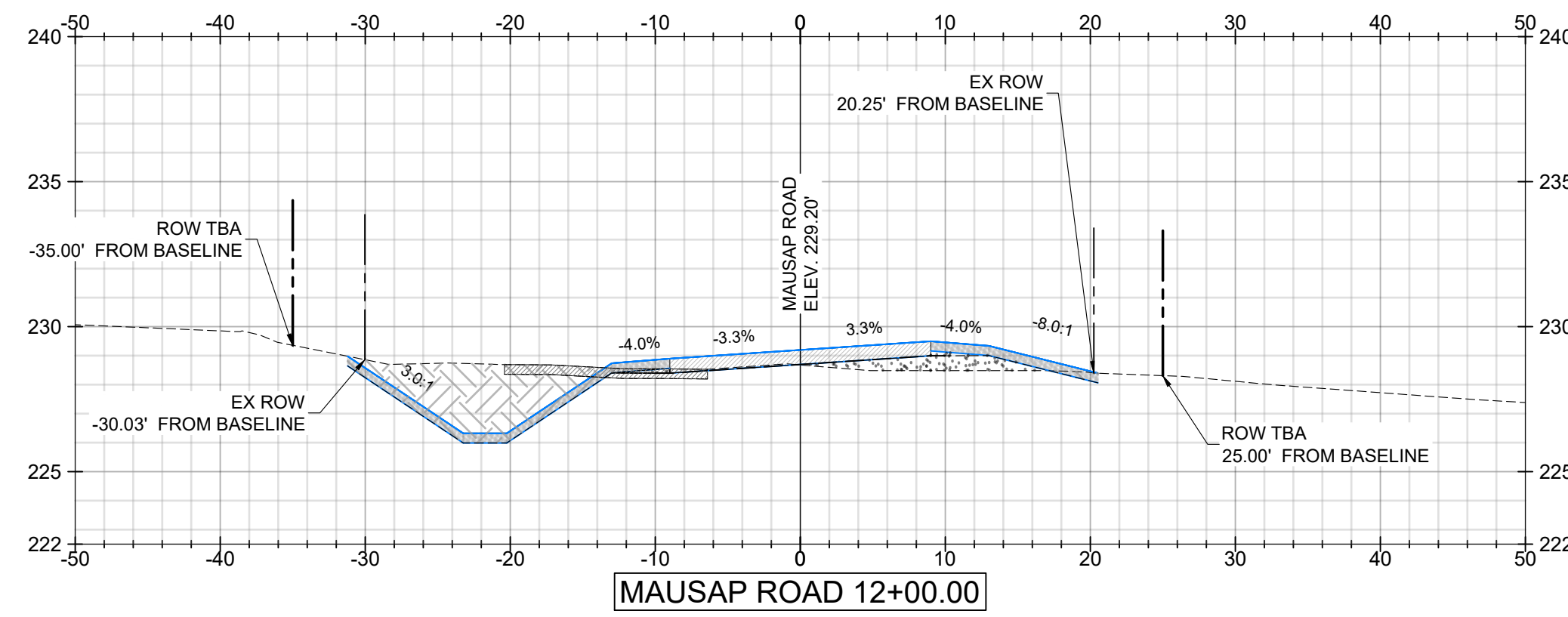
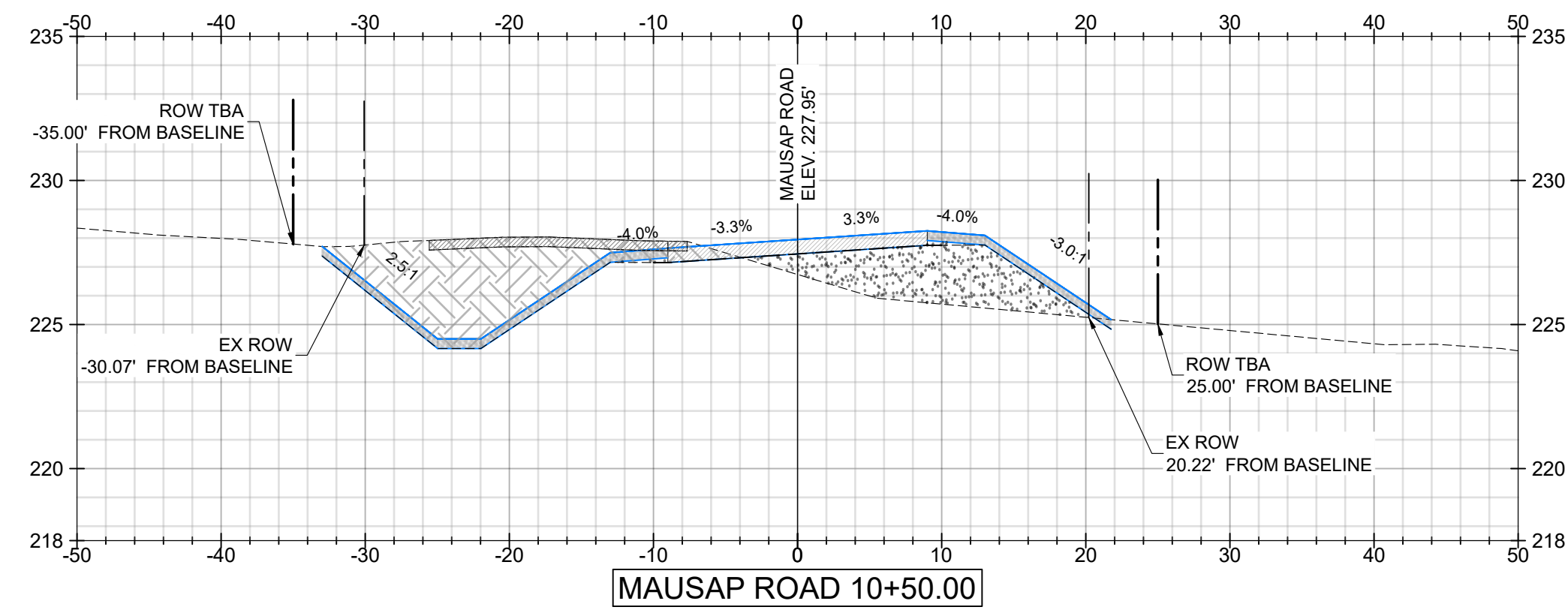
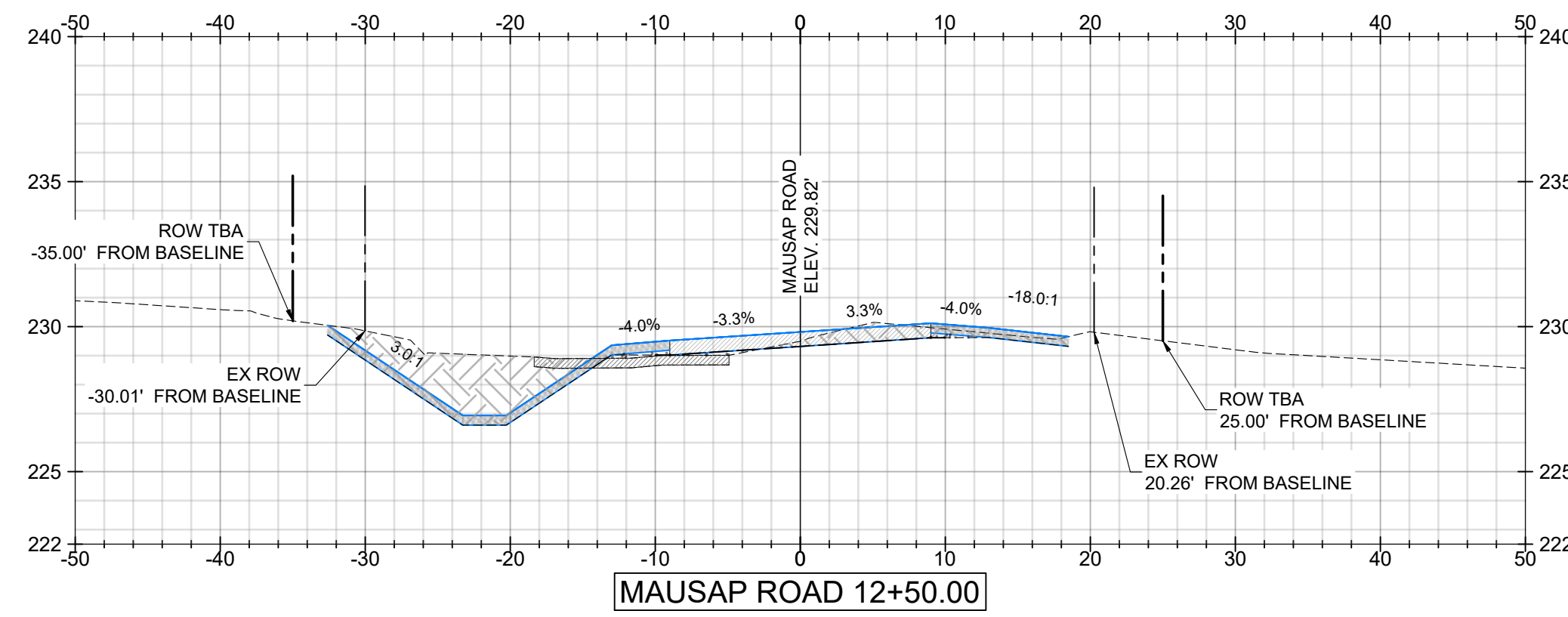
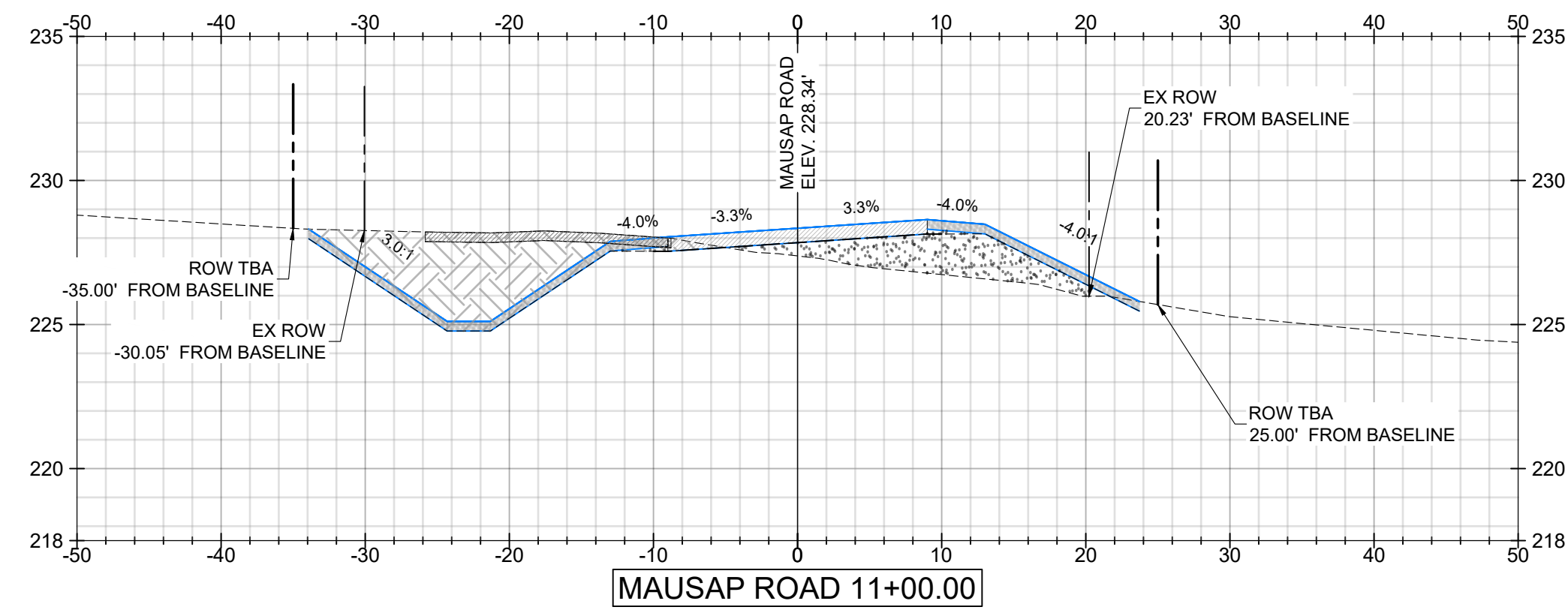
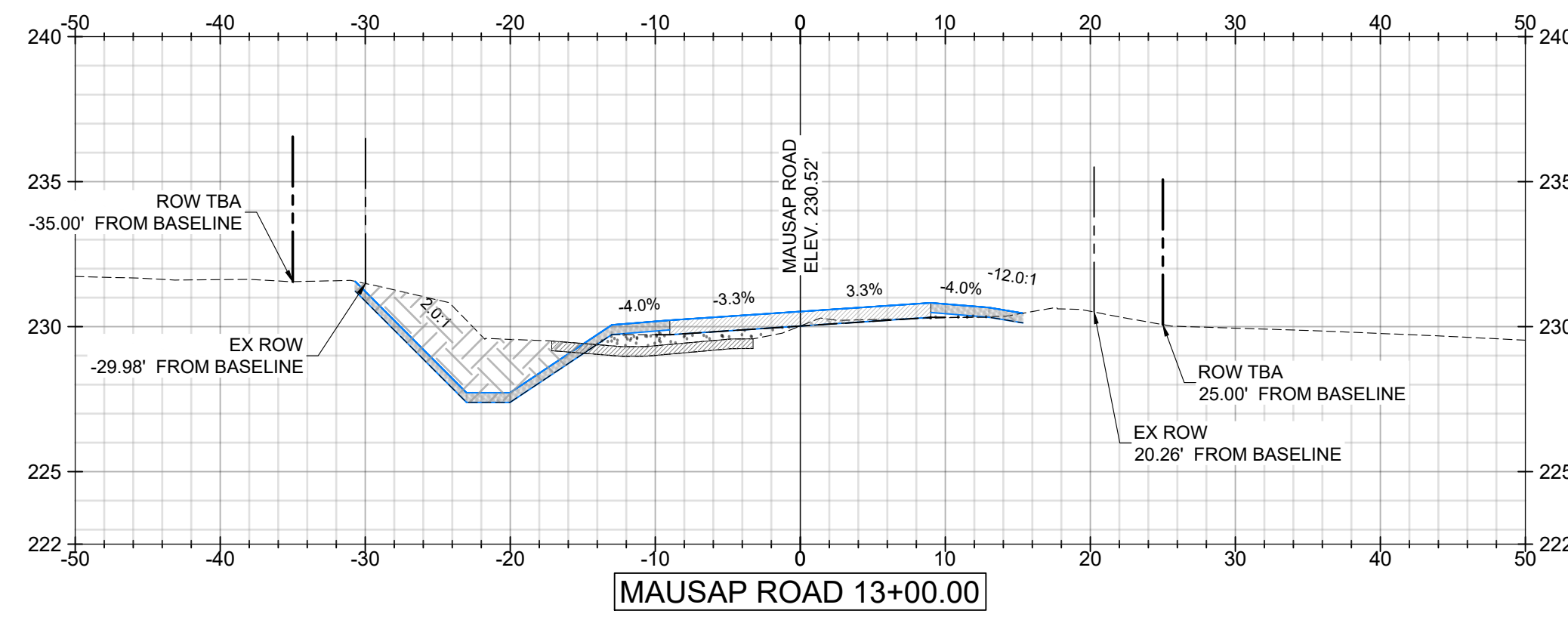
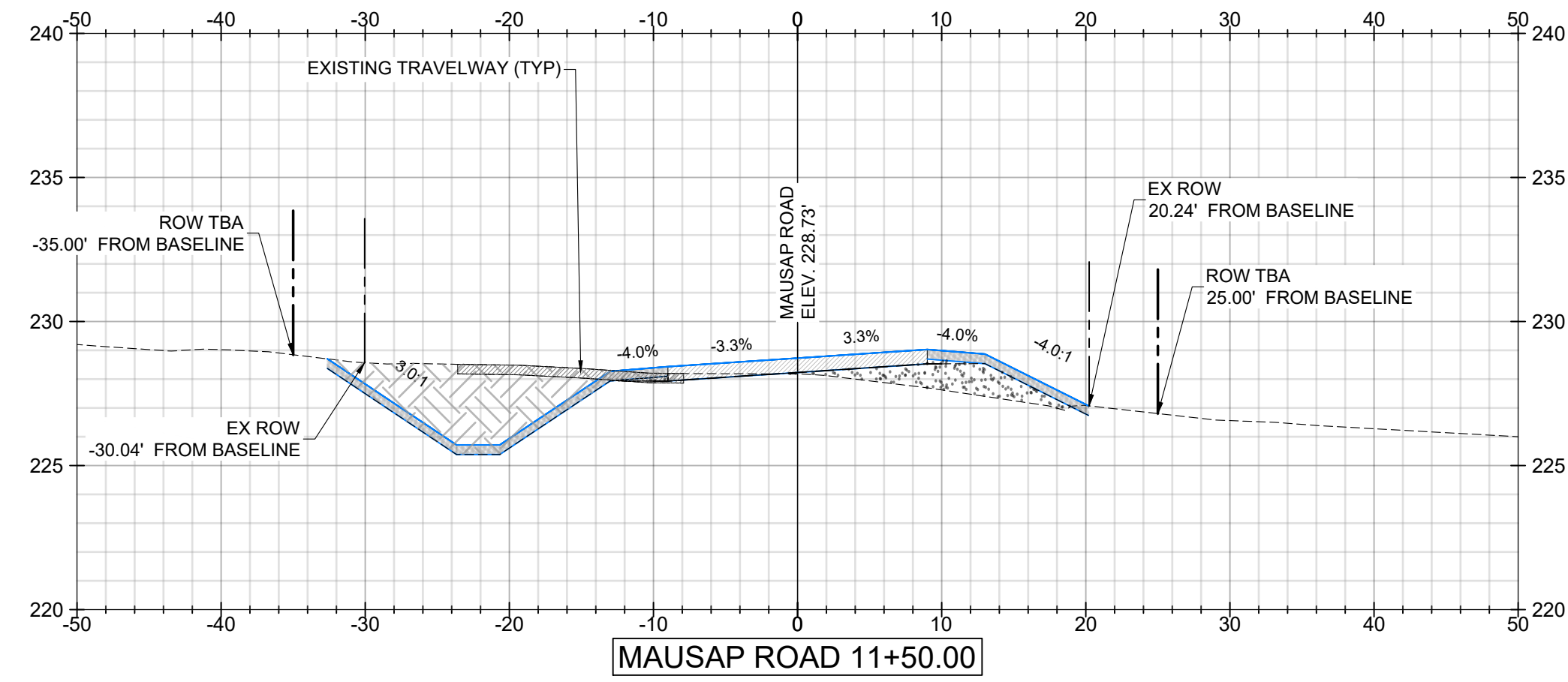
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MOBILE COUNTY
 PROJ. NO. CDP-121-22/MCD1-PW-23-001
 MAUSAP ROAD
 CROSS SECTIONS (SHEET 4 OF 7)

| | | | |
|----------------|------------|--------------|----------|
| DATE | 07/25/2022 | SCALE | AS SHOWN |
| PROJECT NUMBER | 22026 | | |
| DRAWING NUMBER | C10 | TOTAL SHEETS | 17 |
| REVISION | | | G |

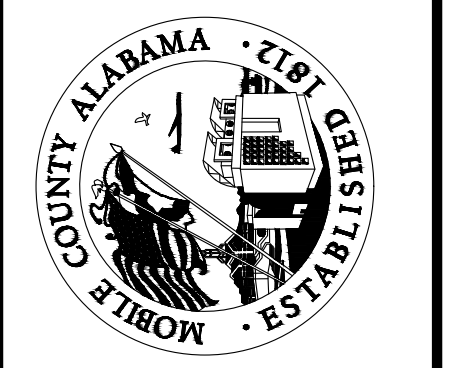
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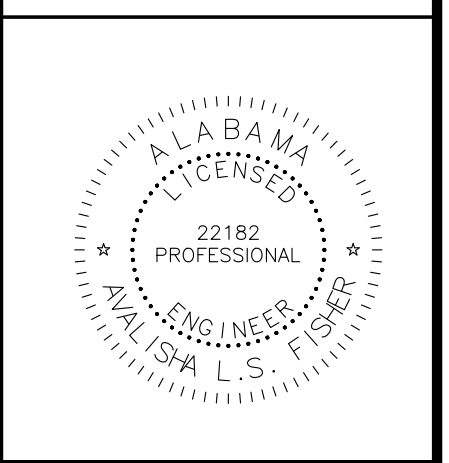
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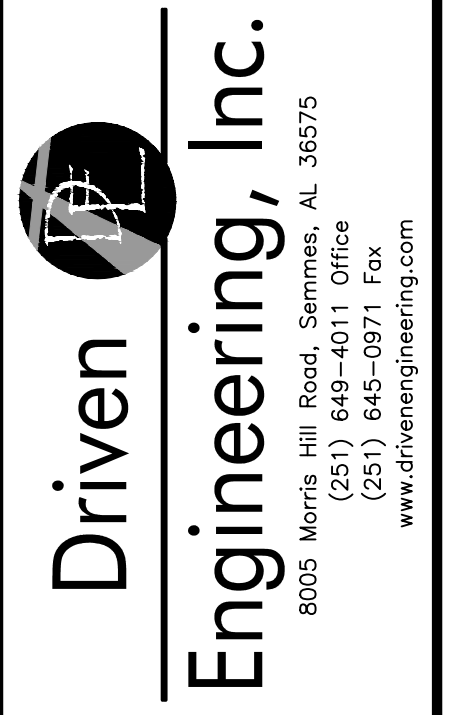


| | | | | |
|---|------------|-----|-----|-----|
| F | 03/30/2023 | BRH | BRH | ALF |
| G | 8/15/2023 | COB | BRH | ALF |
| C | 08/17/2022 | ALF | ALF | ALF |
| D | 8/24/2022 | BRH | ALF | ALF |
| E | 11/04/2022 | BRH | ALF | ALF |

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 ALABAMA LICENSED PROFESSIONAL ENGINEER
 22182
 WILSON L.S.


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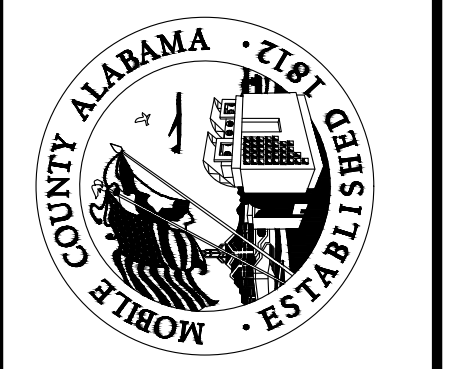
MOBILE COUNTY
 PROJ. NO. CDP-121-22/MCD1-PW-23-001
 MAUSAP ROAD
 CROSS SECTIONS (SHEET 5 OF 7)

| | | | | | |
|-----------------------|------------------|-------------|-----------------|--|--|
| DATE: 07/25/2022 | | | SCALE: AS SHOWN | | |
| PROJECT NUMBER: 22026 | | | | | |
| DRAWING NUMBER: C11 | TOTAL SHEETS: 17 | REVISION: G | | | |

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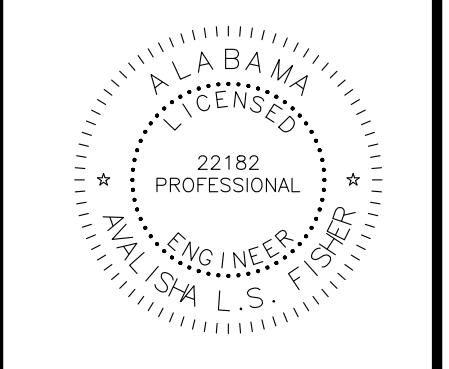
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|---|-----------------------------------|-----|-----|-----|
| F | 03/30/2023 | BRH | BRH | ALF |
| | REVISED ROW AT NORTHWEST CORNER | | | |
| G | 8/15/2023 | ALF | BRH | ALF |
| | UPDATE PLANS FOR ROW CHANGE | | | |
| C | 08/17/2022 | ALF | ALF | ALF |
| | 100% SUBMITTAL ISSUED FOR BIDDING | | | |
| D | 8/24/2022 | BRH | ALF | ALF |
| | SECOND 100% SUBMITTAL | | | |
| E | 11/04/2022 | BRH | ALF | ALF |
| | THIRD 100% SUBMITTAL | | | |

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 DISTRICT 2
 RANDALL DUEITT
 DISTRICT 3

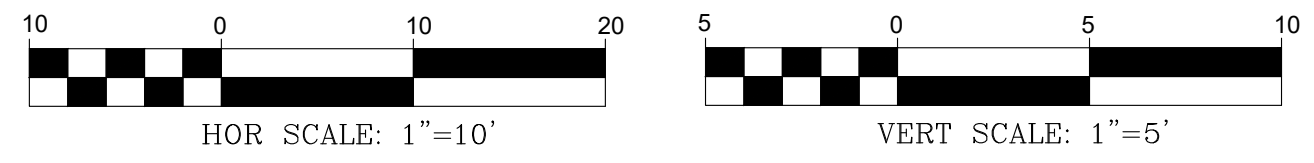
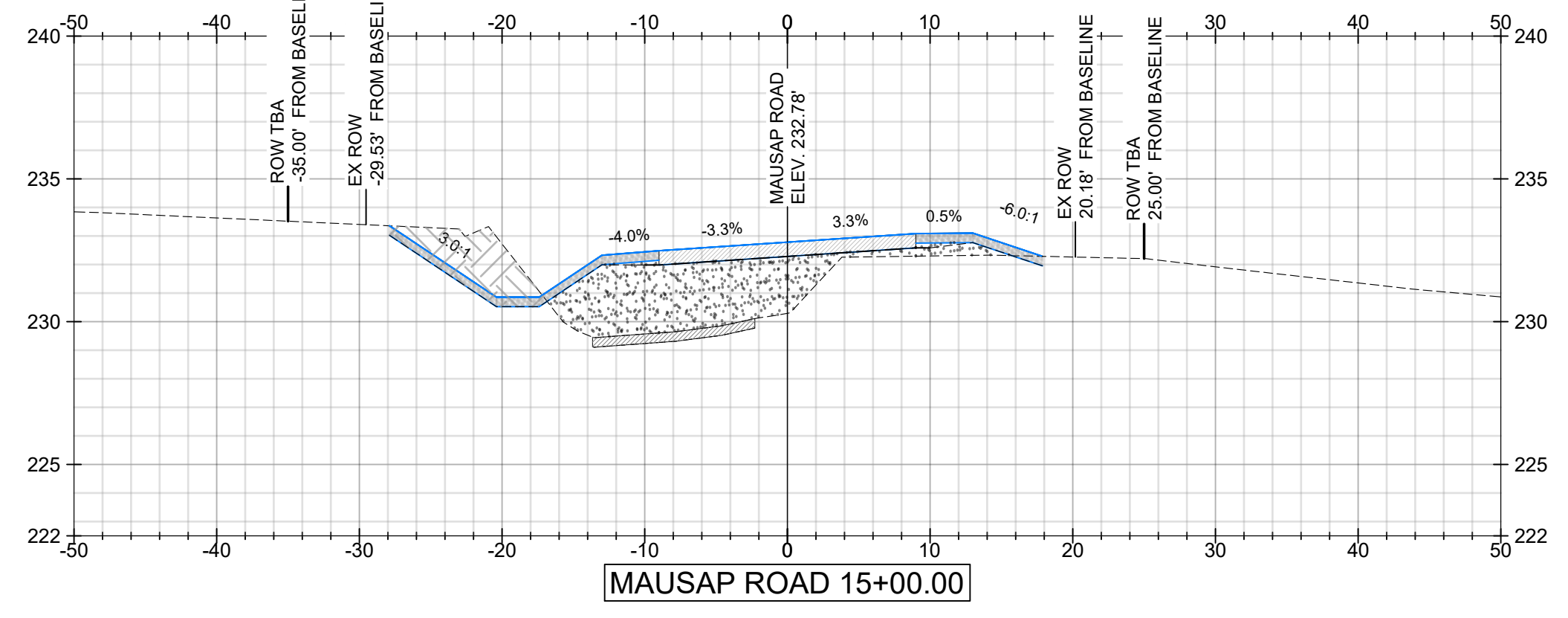
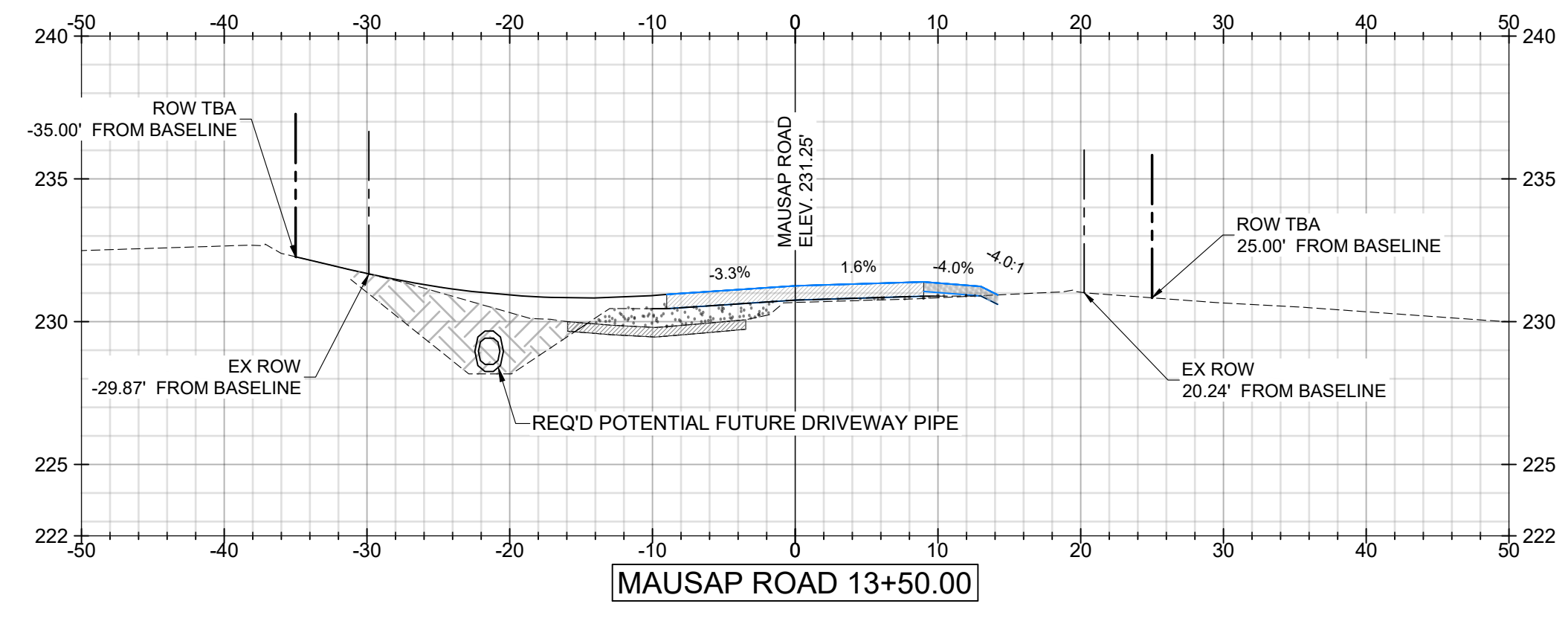
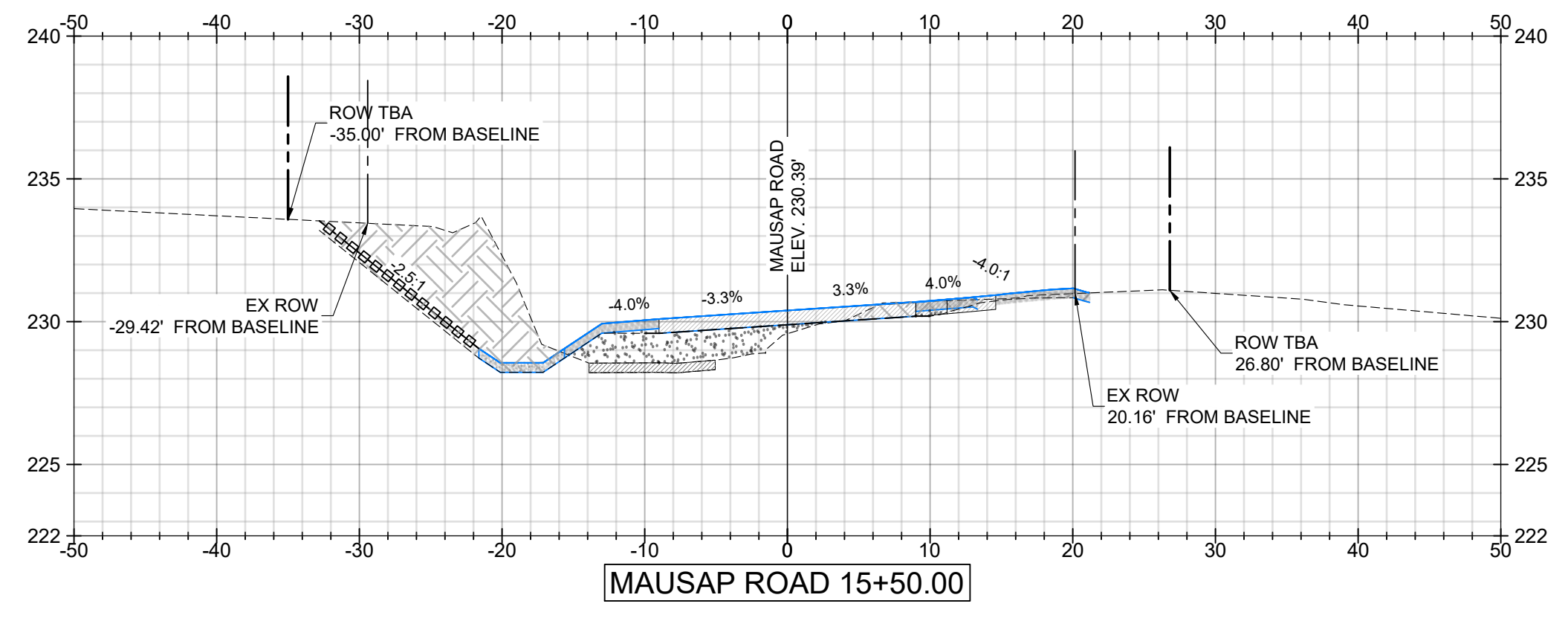
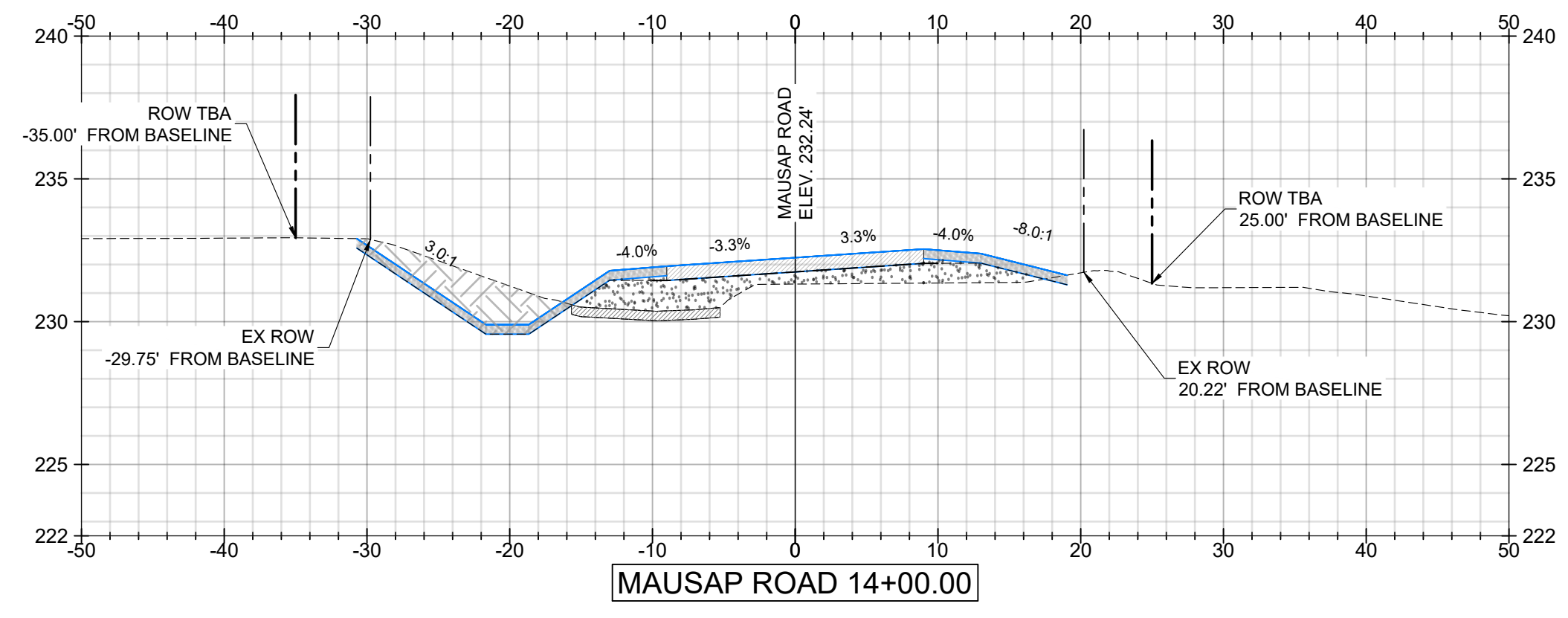
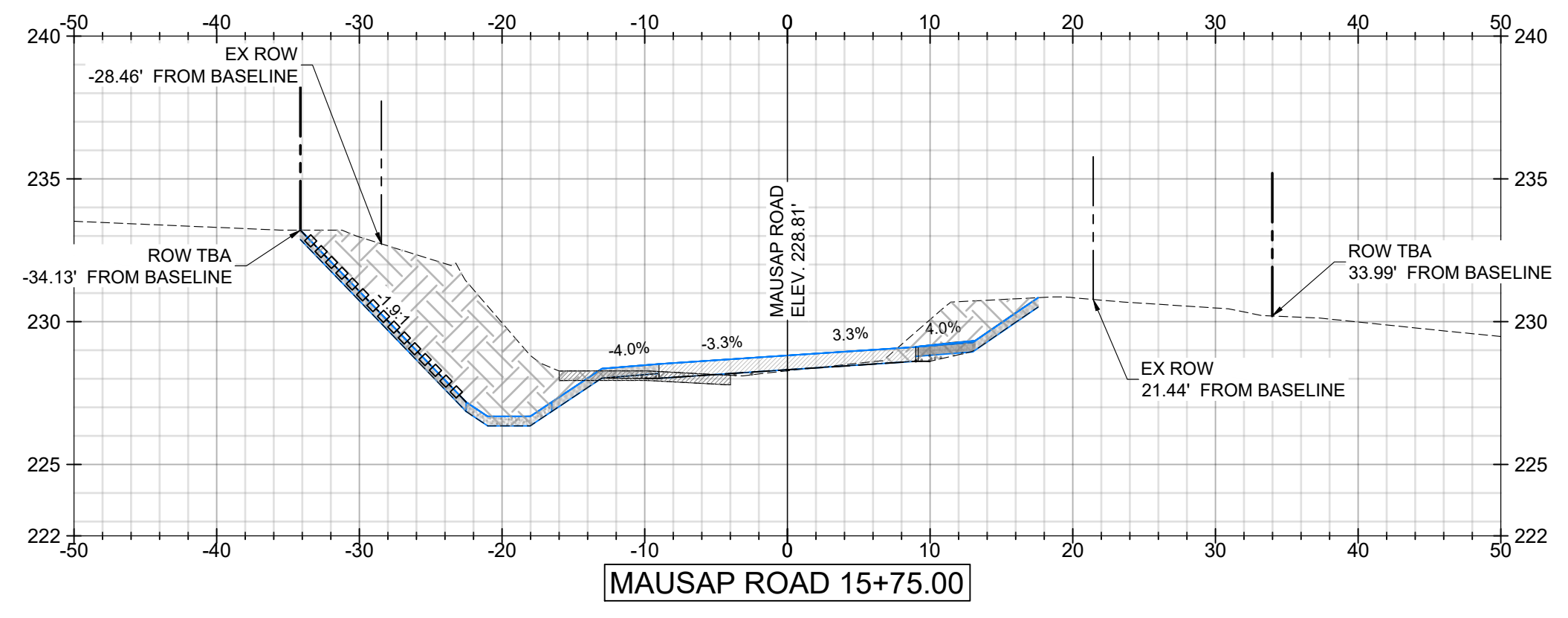
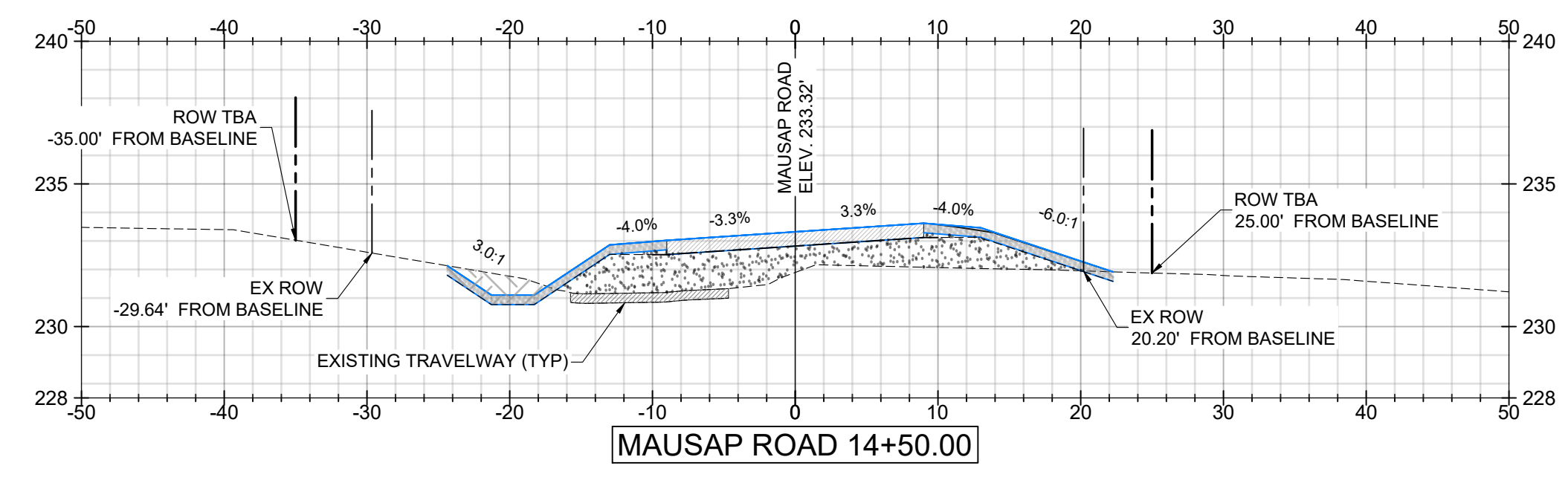
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TITLE:
 MOBILE COUNTY
 PROJ. NO. CDP-121-22/MCD1-PW-23-001
 MAUSAP ROAD
 CROSS SECTIONS (SHEET 6 OF 7)

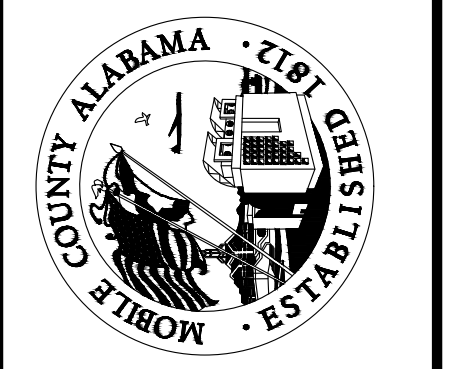
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| PROJECT NUMBER: | |
| 22026 | |
| DRAWING NUMBER | TOTAL SHEETS |
| C12 | 17 |
| | REVISION |
| | G |



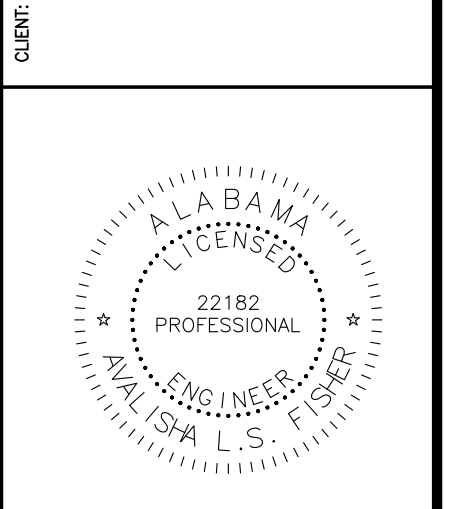
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| | | | | | |
|---|------------|-----|-----|---------------------------------|-----------------------------------|
| F | 03/30/2023 | BRH | ALF | REVISED ROW AT NORTHWEST CORNER | |
| G | 8/15/2023 | JGF | BRH | ALF | UPDATE PLANS FOR ROW CHANGE |
| C | 08/17/2022 | ALF | ALF | ALF | 100% SUBMITTAL ISSUED FOR BIDDING |
| D | 8/24/2022 | BRH | ALF | ALF | SECOND 100% SUBMITTAL |
| E | 11/04/2022 | BRH | ALF | ALF | THIRD 100% SUBMITTAL |

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 CONNIE HUDSON
 DISTRICT 3
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 DISTRICT 3



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MOBILE COUNTY
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 MAUSAP ROAD
 CROSS SECTIONS (SHEET 7 OF 7)

| | | | |
|----------------|--------------|----------|--|
| DATE | | SCALE | |
| 07/25/2022 | | AS SHOWN | |
| PROJECT NUMBER | | 22026 | |
| DRAWING NUMBER | TOTAL SHEETS | REVISION | |
| C13 | 17 | G | |

| Station | Area | Volume | Cumulative Volume |
|---------|------|--------|-------------------|
| 1+37.00 | 0.00 | 0.00 | 0.00 |
| 1+50.00 | 1.13 | 0.27 | 0.27 |
| 1+75.00 | 1.83 | 1.37 | 1.64 |
| 2+00.00 | 0.67 | 1.16 | 2.80 |
| 2+50.00 | 0.67 | 1.25 | 4.05 |
| 3+00.00 | 0.67 | 1.25 | 5.30 |
| 3+25.00 | 0.67 | 0.62 | 5.93 |
| 3+50.00 | 0.67 | 0.62 | 6.55 |
| 4+00.00 | 0.67 | 1.25 | 7.80 |
| 4+50.00 | 0.67 | 1.25 | 9.05 |
| 5+00.00 | 0.67 | 1.25 | 10.30 |
| 5+50.00 | 0.67 | 1.25 | 11.55 |
| 6+00.00 | 0.67 | 1.25 | 12.80 |
| 6+50.00 | 0.69 | 1.27 | 14.07 |
| 7+00.00 | 0.67 | 1.27 | 15.33 |
| 7+50.00 | 0.68 | 1.25 | 16.59 |
| 8+00.00 | 0.79 | 1.36 | 17.94 |
| 8+50.00 | 0.67 | 1.35 | 19.30 |
| 9+00.00 | 0.67 | 1.25 | 20.55 |
| 9+53.18 | 0.67 | 1.33 | 21.88 |

| Station | Area | Volume | Cumulative Volume |
|----------|--------|--------|-------------------|
| 10+00.00 | 5.45 | 9.52 | 116.57 |
| 10+50.00 | 16.70 | 20.51 | 137.07 |
| 11+00.00 | 12.71 | 27.23 | 164.30 |
| 11+50.00 | 7.63 | 18.83 | 183.14 |
| 12+00.00 | 3.15 | 9.98 | 193.12 |
| 12+50.00 | 0.30 | 3.20 | 196.32 |
| 13+00.00 | 1.81 | 1.96 | 198.27 |
| 13+50.00 | 3.08 | 4.53 | 202.80 |
| 14+00.00 | 9.97 | 12.09 | 214.89 |
| 14+50.00 | 16.11 | 24.15 | 239.04 |
| 15+00.00 | 17.57 | 31.18 | 270.23 |
| 15+50.00 | 5.51 | 21.37 | 291.59 |
| 15+75.00 | 0.00 | 2.40 | 294.00 |
| 16+00.00 | 0.26 | 0.13 | 294.13 |
| 16+29.65 | 0.00 | 0.15 | 294.28 |
| 16+47.71 | 204.33 | 68.34 | 362.62 |
| 16+66.31 | 0.04 | 70.39 | 433.02 |

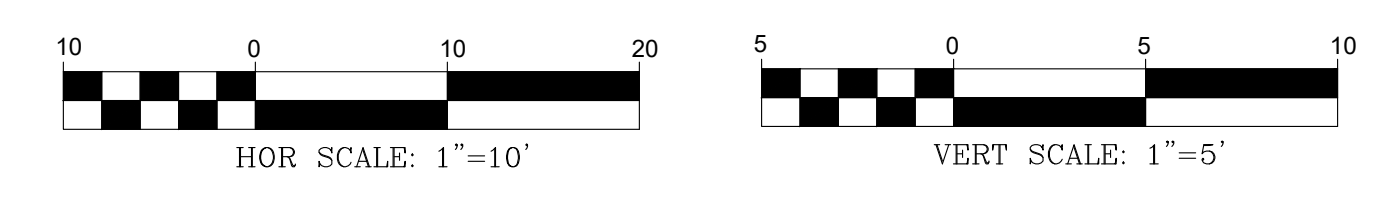
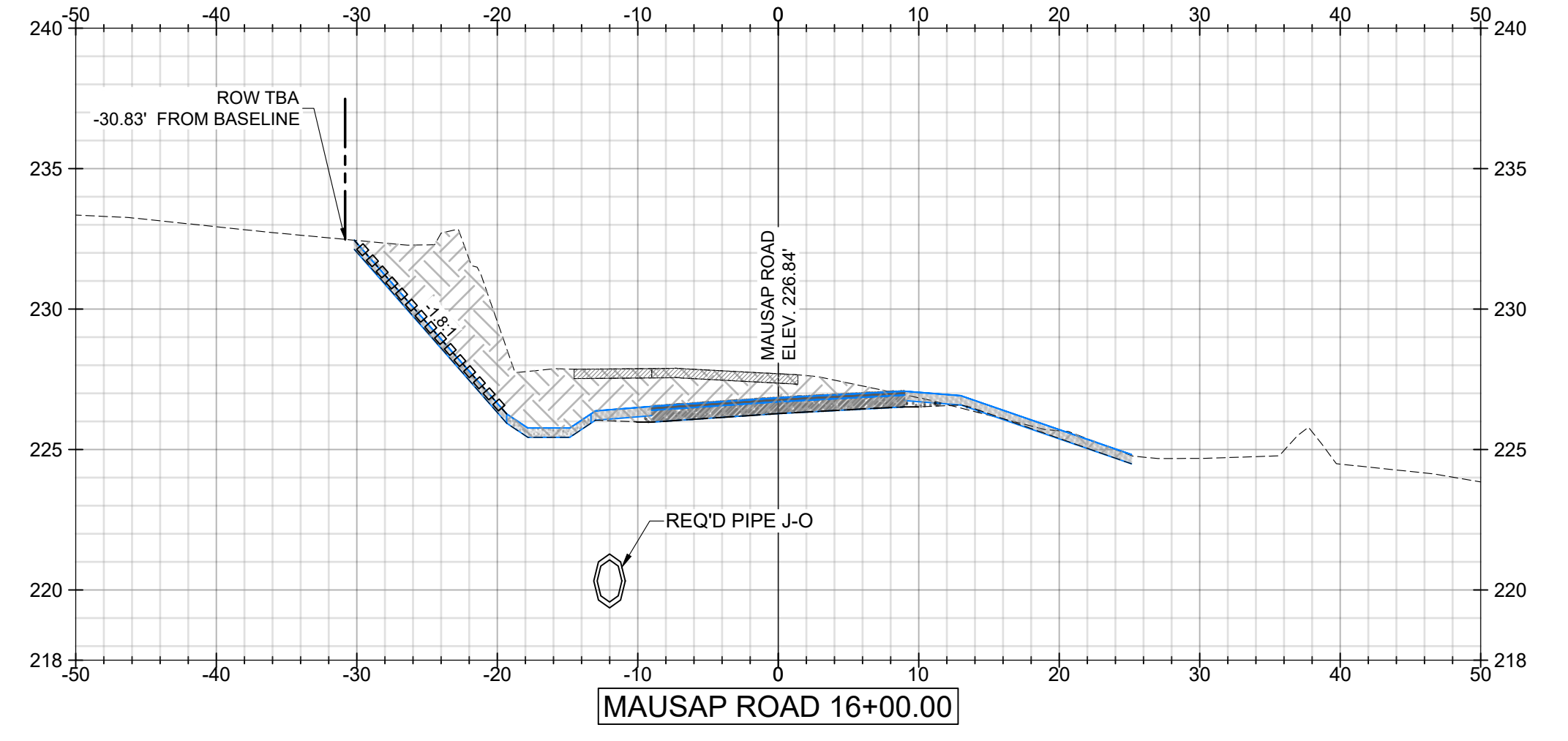
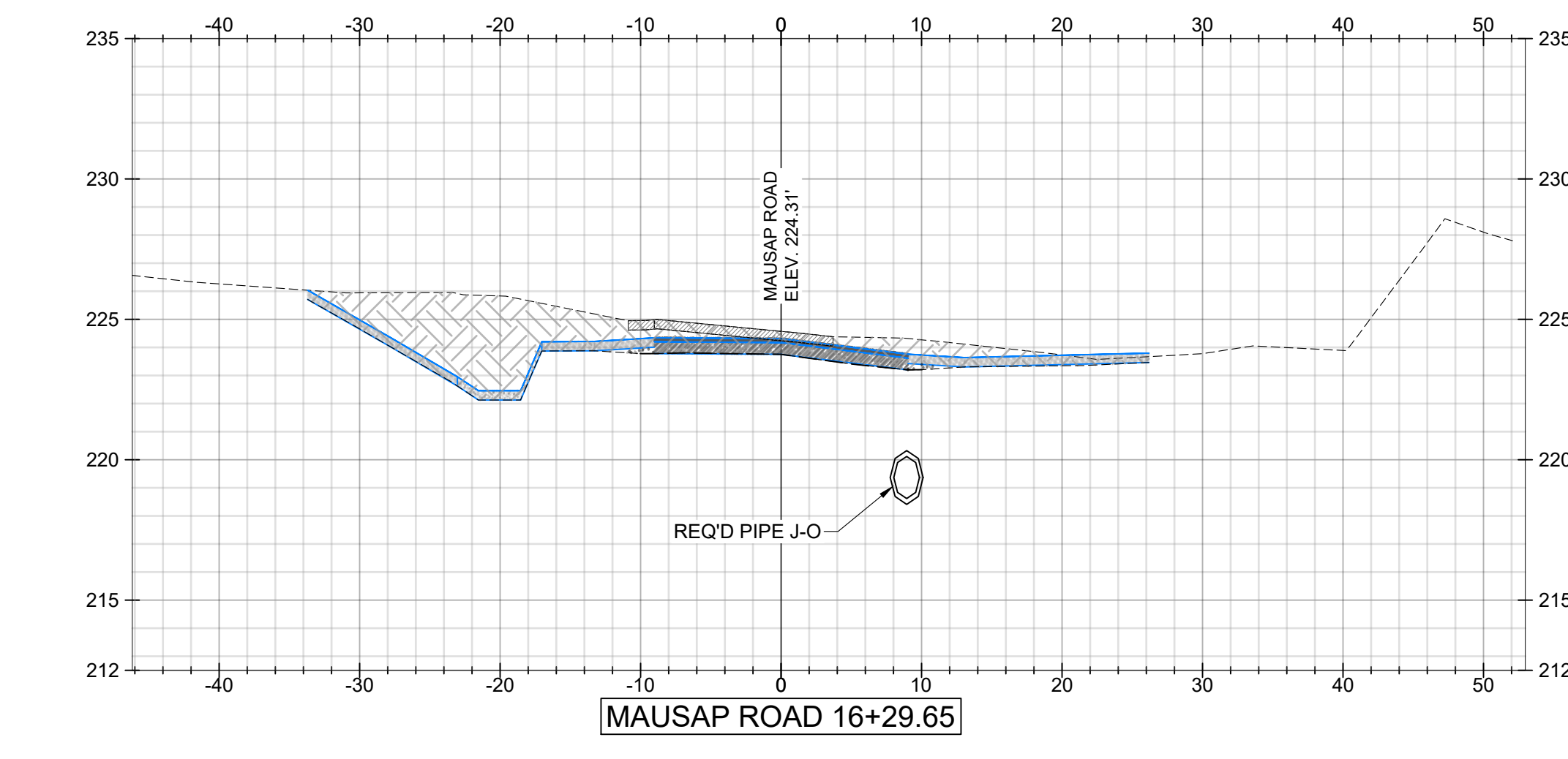
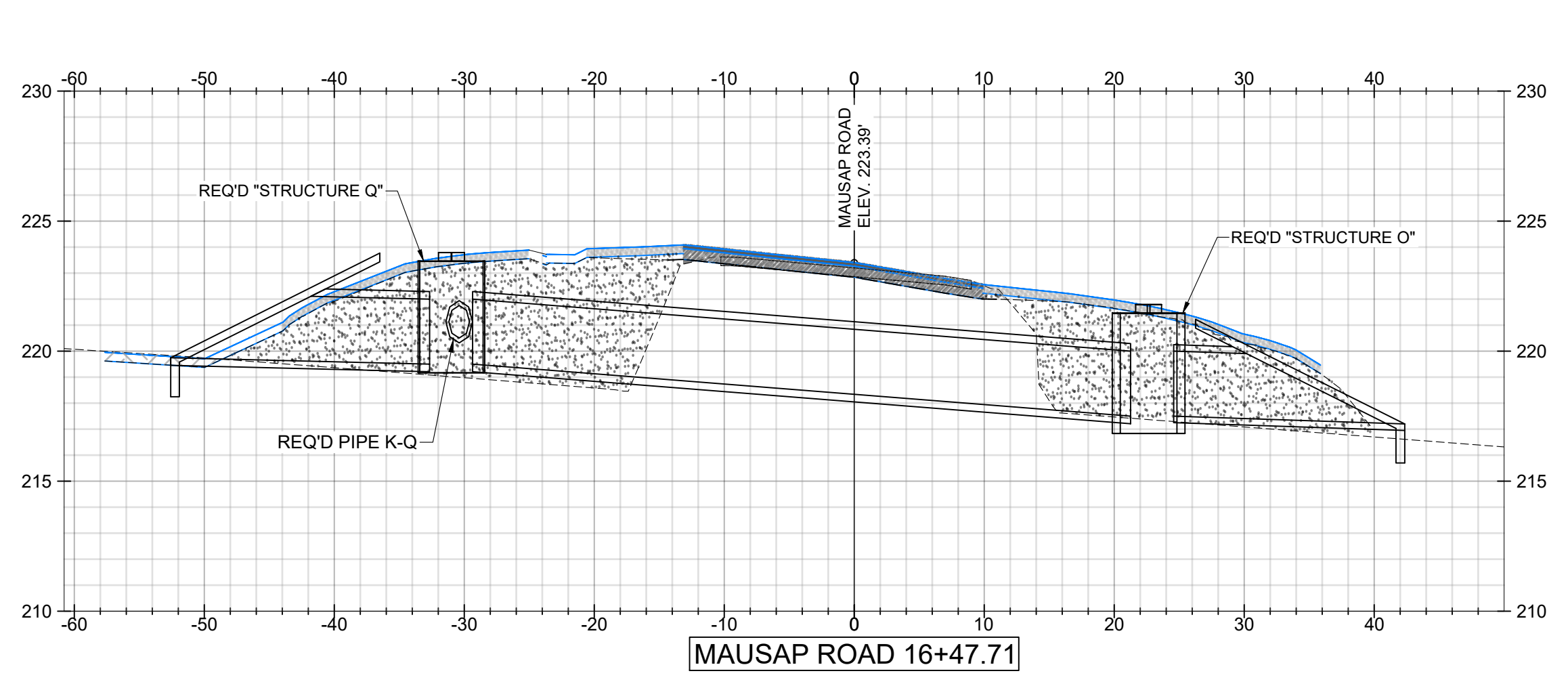
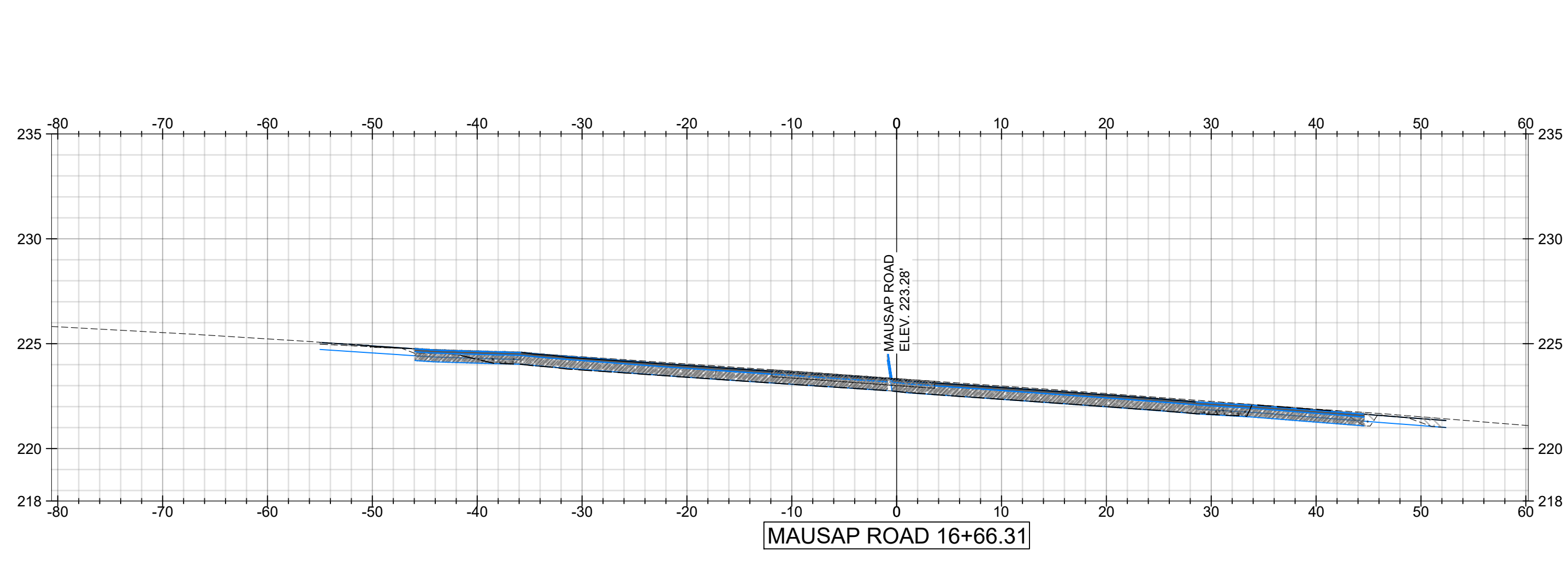
| Station | Area | Volume | Cumulative Volume |
|---------|------|--------|-------------------|
| 1+37.00 | 0.00 | 0.00 | 0.00 |
| 1+50.00 | 1.82 | 0.44 | 0.44 |
| 1+75.00 | 0.00 | 0.84 | 1.28 |
| 2+00.00 | 1.63 | 0.75 | 2.04 |
| 2+50.00 | 5.94 | 7.00 | 9.04 |
| 3+00.00 | 3.66 | 8.88 | 17.92 |
| 3+25.00 | 4.87 | 3.95 | 21.87 |
| 3+50.00 | 5.45 | 4.78 | 26.65 |
| 4+00.00 | 6.71 | 11.26 | 37.90 |
| 4+50.00 | 3.71 | 9.64 | 47.54 |
| 5+00.00 | 0.80 | 4.17 | 51.71 |
| 5+50.00 | 0.00 | 0.74 | 52.46 |
| 6+00.00 | 0.00 | 0.00 | 52.46 |
| 6+50.00 | 0.00 | 0.00 | 52.46 |
| 7+00.00 | 3.83 | 3.55 | 56.00 |
| 7+50.00 | 2.72 | 6.06 | 62.06 |
| 8+00.00 | 7.20 | 9.18 | 71.25 |
| 8+50.00 | 8.32 | 14.38 | 85.62 |
| 9+00.00 | 4.33 | 11.72 | 97.34 |
| 9+53.18 | 5.53 | 9.71 | 107.05 |

| Station | Area | Volume | Cumulative Volume |
|----------|-------|--------|-------------------|
| 10+00.00 | 40.22 | 94.40 | 1118.66 |
| 10+50.00 | 54.05 | 87.29 | 1205.95 |
| 11+00.00 | 48.28 | 94.75 | 1300.69 |
| 11+50.00 | 39.59 | 81.36 | 1382.06 |
| 12+00.00 | 31.66 | 65.97 | 1448.03 |
| 12+50.00 | 34.77 | 61.50 | 1509.53 |
| 13+00.00 | 28.28 | 58.38 | 1567.92 |
| 13+50.00 | 24.81 | 49.16 | 1617.08 |
| 14+00.00 | 18.62 | 40.21 | 1657.28 |
| 14+50.00 | 6.12 | 22.91 | 1680.19 |
| 15+00.00 | 15.66 | 20.17 | 1700.36 |
| 15+50.00 | 47.32 | 58.32 | 1758.68 |
| 15+75.00 | 69.24 | 49.15 | 1807.83 |
| 16+00.00 | 79.93 | 62.27 | 1870.10 |
| 16+29.65 | 77.23 | 80.48 | 1950.58 |
| 16+47.71 | 12.68 | 30.07 | 1980.65 |
| 16+66.31 | 15.26 | 9.62 | 1990.28 |

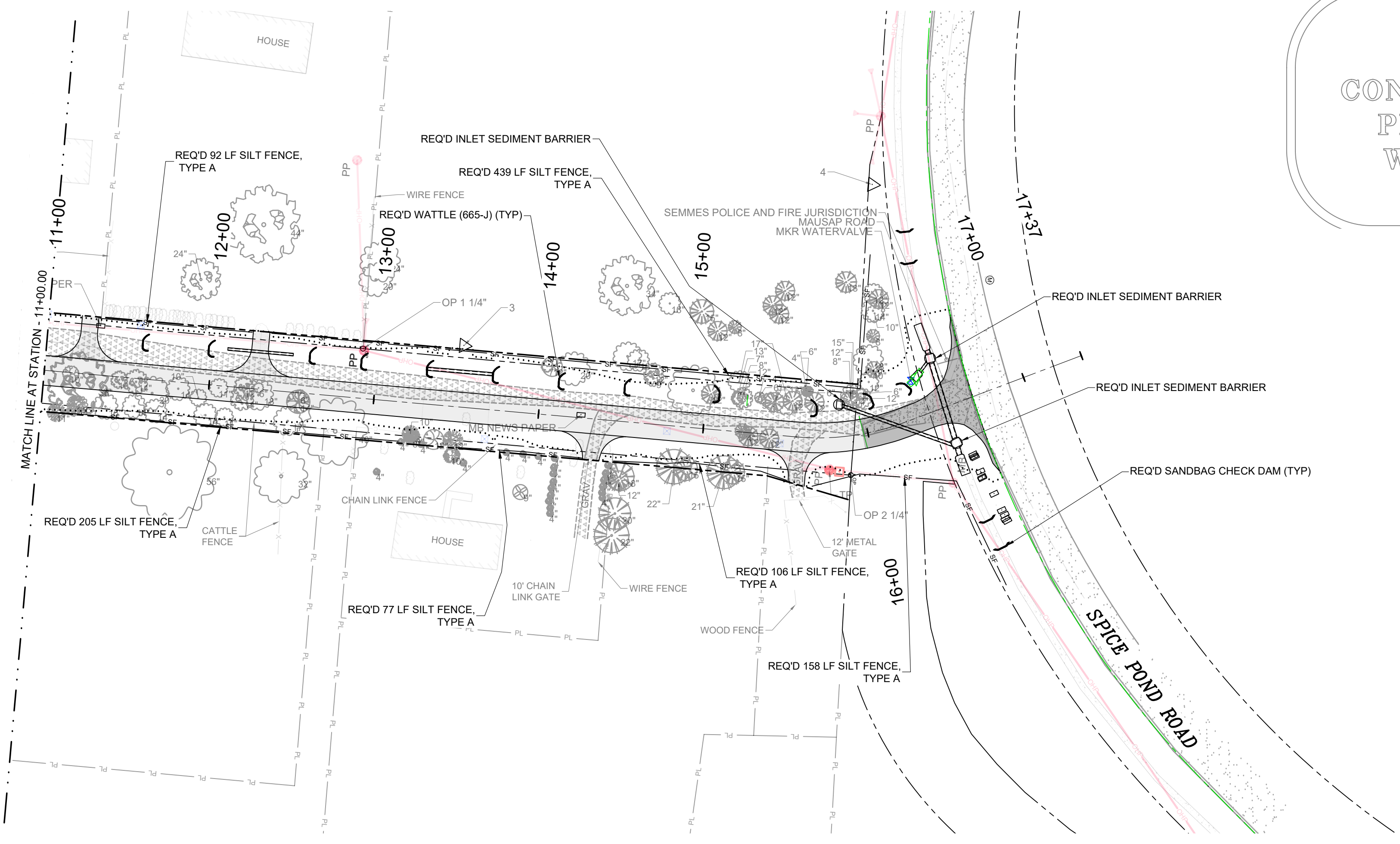
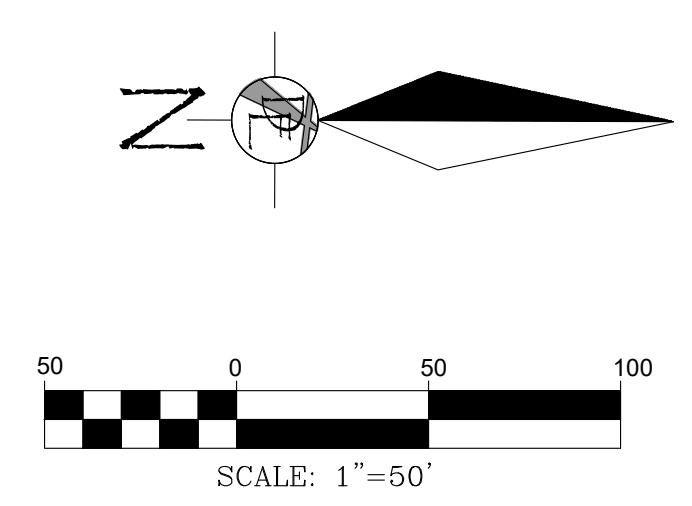
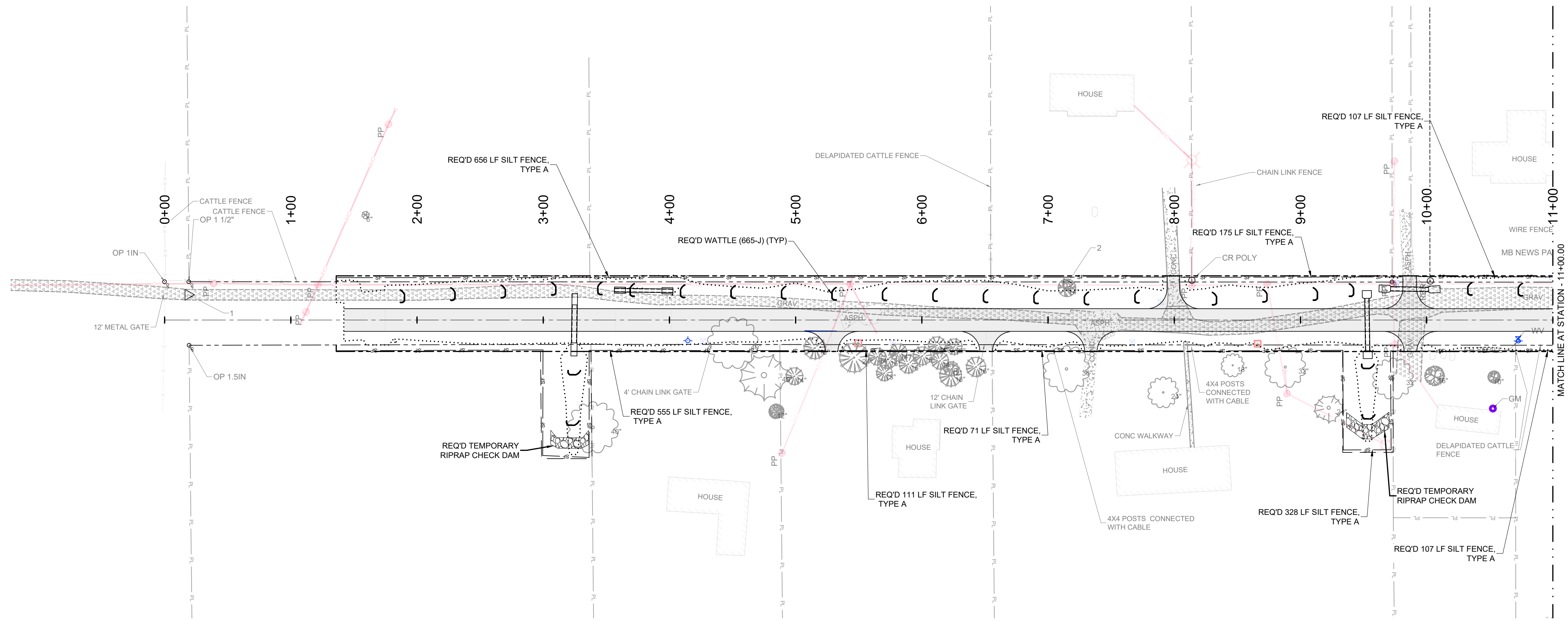
| Station | Area | Volume | Cumulative Volume |
|---------|-------|--------|-------------------|
| 1+37.00 | 7.10 | 0.00 | 0.00 |
| 1+50.00 | 25.24 | 7.78 | 7.78 |
| 1+75.00 | 37.94 | 29.25 | 37.03 |
| 2+00.00 | 37.38 | 34.87 | 71.91 |
| 2+50.00 | 34.27 | 66.34 | 138.25 |
| 3+00.00 | 50.21 | 78.22 | 216.47 |
| 3+25.00 | 59.67 | 50.87 | 267.34 |
| 3+50.00 | 51.63 | 51.52 | 318.87 |
| 4+00.00 | 46.45 | 90.81 | 409.67 |
| 4+50.00 | 18.82 | 60.44 | 470.11 |
| 5+00.00 | 21.88 | 37.69 | 507.80 |
| 5+50.00 | 27.26 | 45.50 | 553.29 |
| 6+00.00 | 42.39 | 64.49 | 617.79 |
| 6+50.00 | 58.62 | 93.53 | 711.32 |
| 7+00.00 | 11.06 | 64.52 | 775.84 |
| 7+50.00 | 16.41 | 25.44 | 801.28 |
| 8+00.00 | 11.02 | 25.41 | 826.68 |
| 8+50.00 | 33.65 | 41.37 | 868.05 |
| 9+00.00 | 30.07 | 59.00 | 927.05 |
| 9+53.18 | 68.64 | 97.21 | 1024.26 |

| Station | Area | Volume | Cumulative Volume |
|----------|------|--------|-------------------|
| 10+00.00 | 0.67 | 1.17 | 23.05 |
| 10+50.00 | 0.67 | 1.25 | 24.30 |
| 11+00.00 | 0.67 | 1.25 | 25.55 |
| 11+50.00 | 0.67 | 1.25 | 26.80 |
| 12+00.00 | 0.67 | 1.25 | 28.05 |
| 12+50.00 | 0.67 | 1.25 | 29.30 |
| 13+00.00 | 0.67 | 1.25 | 30.55 |
| 13+50.00 | 0.67 | 1.25 | 31.80 |
| 14+00.00 | 0.67 | 1.25 | 33.05 |
| 14+50.00 | 0.78 | 1.35 | 34.39 |
| 15+00.00 | 0.76 | 1.43 | 35.83 |
| 15+50.00 | 0.80 | 1.45 | 37.28 |
| 15+75.00 | 0.81 | 0.76 | 38.03 |
| 16+00.00 | 0.96 | 0.83 | 38.86 |
| 16+29.65 | 1.02 | 1.09 | 39.95 |
| 16+47.71 | 1.59 | 0.87 | 40.82 |
| 16+66.31 | 2.05 | 1.25 | 42.08 |

| Station | Area | Volume | Cumulative Volume |
|---------|------|--------|-------------------|
| 1+37.00 | 0.00 | 0.00 | 0.00 |
| 1+50.00 | 1.13 | 0.27 | 0.27 |
| 1+75.00 | 1.83 | 1.37 | 1.64 |
| 2+00.00 | 0.67 | 1.16 | 2.80 |
| 2+50.00 | 0.67 | 1.25 | 4.05 |
| 3+00.00 | 0.67 | 1.25 | 5.30 |
| 3+25.00 | 0.67 | 0.62 | 5.93 |
| 3+50.00 | 0.67 | 0.62 | 6.55 |
| 4+00.00 | 0.67 | 1.25 | 7.80 |
| 4+50.00 | 0.67 | 1.25 | 9.05 |
| 5+00.00 | 0.67 | 1.25 | 10.30 |
| 5+50.00 | 0.67 | 1.25 | 11.55 |
| 6+00.00 | 0.67 | 1.25 | 12.80 |
| 6+50.00 | 0.69 | 1.27 | 14.07 |
| 7+00.00 | 0.67 | 1.27 | 15.33 |
| 7+50.00 | 0.68 | 1.25 | 16.59 |
| 8+00.00 | 0.79 | 1.36 | 17.94 |
| 8+50.00 | 0.67 | 1.35 | 19.30 |
| 9+00.00 | 0.67 | 1.25 | 20.55 |
| 9+53.18 | 0.67 | 1.33 | 21.88 |



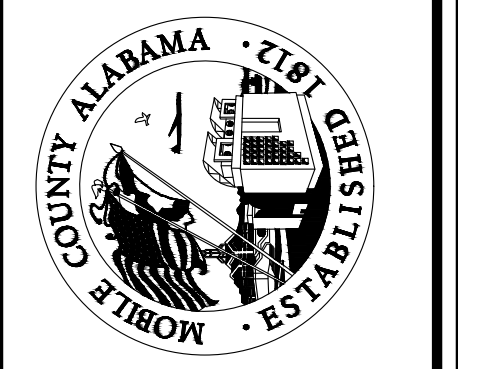
PLANS NOT VALID UNLESS THEY BEAR A COLOR SIGNATURE OR AN EMBOSSED SEAL. PLANS ARE NOT ISSUED FOR CONSTRUCTION UNLESS THE REVISION IS A NUMERAL.



FOR REFERENCE ONLY
NOT FOR BIDDING
CONTRACTORS MUST PURCHASE
PLANS FROM AND REGISTER
WITH THE ENGINEER TO BE
ELIGIBLE TO BID

| | | | | |
|---|------------|-----|-----|-----|
| F | 03/30/2023 | BRH | BRH | ALF |
| G | 8/15/2023 | JOE | BRH | ALF |
| C | 08/17/2022 | ALF | ALF | ALF |
| D | 8/24/2022 | BRH | ALF | ALF |
| E | 11/04/2022 | BRH | ALF | ALF |

WE UTILIZE SCREENING TECHNIQUES IN OUR DESIGN AND THESE SOMETIMES ARE NOT VISIBLE. OUR DESIGN HAS BEEN COPIED OR PRINTED WITH A LOW QUALITY SETTING. YOU CAN BE SURE THAT YOU HAVE A HIGH QUALITY PRINT OR COPY IF YOU CAN SEE THE DRIVEN ENGINEERING, INC. LOGO BEHIND THE TEXT IN THIS BOX.



MOBILE COUNTY COMMISSION
 MERCERIA L. LUDGOOD
 CONNIE HUDSON
 RANDALL DUEITT

CLIENT:



Driven Engineering, Inc.
 8005 Morris Hill Road, Semmes, AL 36575
 (251) 649-4011 Office
 (251) 645-0871 Fax
 www.drivenengineering.com

MOBILE COUNTY
 PROJ. NO. CDP-121-22/MCD1-PW-23-001
 MAUSAP ROAD
 EROSION CONTROL PLAN

| | | | | | |
|-----------------------|------------------|-------------|-----------------|--|--|
| DATE: 07/25/2022 | | | SCALE: AS SHOWN | | |
| PROJECT NUMBER: 22026 | | | | | |
| DRAWING NUMBER: C14 | TOTAL SHEETS: 17 | REVISION: G | | | |

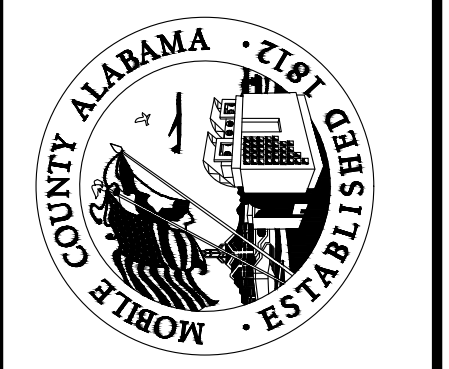
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| | | | | |
|---|-----------------------------------|-----|-----|-----|
| F | 03/30/2023 | BRH | BRH | ALF |
| | REVISED ROW AT NORTHWEST CORNER | | | |
| G | 8/15/2023 | JSF | BRH | ALF |
| | UPDATE PLANS FOR ROW CHANGE | | | |
| C | 08/17/2022 | ALF | ALF | ALF |
| | 100% SUBMITTAL ISSUED FOR BIDDING | | | |
| D | 8/24/2022 | BRH | ALF | ALF |
| | SECOND 100% SUBMITTAL | | | |
| E | 11/04/2022 | BRH | ALF | ALF |
| | THIRD 100% SUBMITTAL | | | |

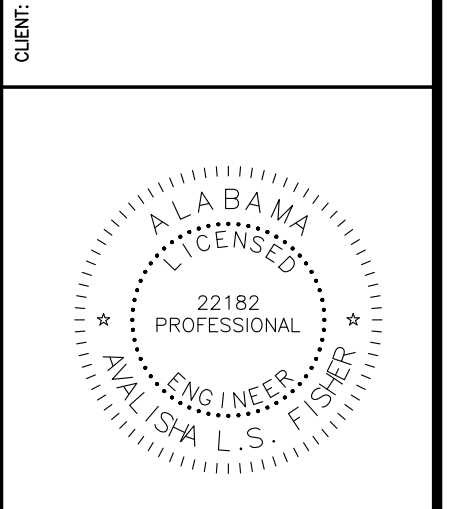
EROSION & SEDIMENT CONTROL NOTES:

- 1.) EROSION AND SEDIMENT CONTROL MEASURES SHOWN ARE CONSIDERED TO BE THE MINIMUM ACCEPTABLE MEASURES. THE CONTRACTOR SHALL UTILIZE "BEST MANAGEMENT PRACTICES" AS NECESSARY TO PREVENT SEDIMENT LADEN STORMWATER RUNOFF OR ERODED MATERIALS FROM LEAVING THE CONSTRUCTION SITE. THE CONTRACTOR SHALL MAINTAIN AND REPAIR EROSION CONTROL MEASURES IN AN EXPEDITIOUS MANNER AFTER EACH RAINFALL EVENT AND INSPECT THEM TWICE WEEKLY IN THE EVENT OF NO RAINFALL. BEST MANAGEMENT PRACTICES (BMPs) ARE DEFINED AS: SCHEDULES OF ACTIVITIES, PROHIBITIONS OF PRACTICES, MAINTENANCE PROCEDURES, AND OTHER MANAGEMENT PRACTICES TO PREVENT OR REDUCE THE POLLUTION OF WATERS OF THE UNITED STATES. BMPs ALSO INCLUDE TREATMENT REQUIREMENTS, OPERATING PROCEDURES, AND PRACTICES TO CONTROL PLANT SITE RUNOFF, SPILLAGE OR LEAKS, SLUDGE OR WASTE DISPOSAL, OR DRAINAGE FROM RAW MATERIAL STORAGE. WITH REGARD TO CONSTRUCTION THESE MAY INCLUDE STRUCTURAL DEVICES OR NONSTRUCTURAL PRACTICES THAT ARE DESIGNED TO PREVENT POLLUTANTS FROM ENTERING WATER OR TO DIRECT THE FLOW OF WATER.
- 2.) TYPE "A" SILT FENCE SHALL BE USED IN AREAS WHERE INDICATED OR AS DIRECTED BY THE ENGINEER.
- 3.) SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHALL BE ERECTED OPPOSITE ERODABLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
- 4.) SILT FENCES SHALL BE IN PLACE PRIOR TO ANY CONSTRUCTION OPERATION. SILT FENCES SHALL BE CLEANED, SILT REMOVED, AND REPAIRED AS NECESSARY AS PART OF REQUIRED BMP MAINTENANCE.
- 5.) AFTER THE CONSTRUCTION AREA IS STABILIZED BY PAVING OR A FIRM STAND OF GRASS AND EROSION ACTIVITY CURTAILED, SILT FENCES SHALL BE REMOVED.
- 6.) STORM DRAIN INLETS SHALL BE PROTECTED FROM SEDIMENT ENTRY WITH SEDIMENT BARRIERS LIKE "SILT SAVER" (R) UNTIL THE SITE IS STABILIZED BY PAVING OR A FIRM STAND OF GRASS IS OBTAINED.
- 7.) CONTRACTOR IS REQUIRED TO STABILIZE DISTURBED AREAS WITH TEMPORARY GRASS OR SOIL STABILIZER IF AREAS WILL REMAIN DISTURBED FOR 14 DAYS OR LONGER.
- 8.) THE CONTRACTOR IS HEREBY DIRECTED TO PROVIDE SEDIMENT RUNOFF PROTECTION WHERE NECESSARY TO PREVENT SILT LADEN RUNOFF FROM ENTERING THE STREAMS NEAR THE PROPOSED PROJECT.
- 9.) GRASS GROUND COVER SHALL BE MAINTAINED UPON COMPLETION OF CONSTRUCTION.
- 10.) THE EROSION AND SEDIMENT CONTROL ITEMS SHOWN ON THE PLANS ARE PROVIDED AS A STARTING POINT FOR A COMPREHENSIVE SEDIMENT AND EROSION CONTROL PLAN TO BE IMPLEMENTED THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL BE PREPARED TO ANTICIPATE AND ADJUST BEST MANAGEMENT PRACTICES AS NECESSARY THROUGHOUT CONSTRUCTION TO RESTRICT THE AMOUNT OF SILT LADEN RUNOFF LEAVING THE PROJECT.
- 11.) SEDIMENT & EROSION CONTROL ITEMS SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE FOLLOWING HANDBOOKS:
 - A.) ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS.
 - B.) EPA STORM WATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES.
 - C.) EPA GUIDANCE SPECIFYING MANAGEMENT MEASURES FOR SOURCES OF NON-POINT POLLUTION IN COASTAL WATERS.
 - D.) ASHITO GUIDELINES FOR EROSION AND SEDIMENT CONTROL IN HIGHWAY CONSTRUCTION.
 - E.) SOUTH ALABAMA REGIONAL PLANNING COMMISSION BEST MANAGEMENT PRACTICES FOR NON-POINT SOURCE RUNOFF CONTROL. MOBILE & BALDWIN COUNTIES, ALABAMA.
- 12.) UNLESS OTHERWISE SET FORTH IN CONTRACT DOCUMENTS WITH THE PROJECT OWNER, WHEN AN ADEM STORMWATER DISCHARGE PERMIT (NOR) HAS BEEN OBTAINED FOR THE SITE, THE CONTRACTOR SHALL INSTALL A RAIN GAUGE AT THE SITE AND MAINTAIN A WRITTEN DAILY LOG OF RAINFALL AMOUNTS AT THE SAME TIME EACH DAY. AT THE END OF EACH MONTH, THE CONTRACTOR MUST PROVIDE A COPY OF THAT MONTH'S RAINFALL RECORDS TO THE ENGINEER. THE RAIN GAUGE MUST BE INSTALLED AT THE TOP OF A POST PLACED AT LEAST 50' FROM TREES, BUILDINGS, OR OTHER OBJECTS THAT COULD IMPEDE THE FREE ENTRY OF RAINFALL INTO THE RAIN GAUGE. THE CONTRACTOR MUST NOTIFY THE ENGINEER WITHIN 8 HOURS OF RECORDING ANY DAILY RAINFALL AMOUNT EXCEEDING 0.75". THE CONTRACTOR SHALL POST THE NOR PERMIT NUMBER IN A HIGHLY VISIBLE LOCATION ON THE SITE AND MAINTAIN IT IN A LEGIBLE CONDITION UNTIL THE PROJECT IS COMPLETED AND A PERMIT TERMINATION HAS BEEN APPROVED BY ADEM. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR MUST NOTIFY THE ENGINEER IN ORDER TO INSPECT THE SITE AND APPLY FOR A TERMINATION OF THE ADEM PERMIT.
- 13.) THE CONTRACTOR SHALL REFER TO THE "TEMPORARY SEDIMENT AND EROSION CONTROL" SECTION OF 2020 ALDOT STANDARD AND SPECIAL DRAWINGS FOR HIGHWAY CONSTRUCTION FOR ADDITIONAL METHODS OF EROSION AND SEDIMENT CONTROL.
- 14.) A CONCRETE WASHOUT AREA HAS NOT BEEN DEFINED ON THESE PLANS, HOWEVER THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT CONCRETE WASHOUT DOES NOT ENTER THE STORM RUNOFF.

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MOBILE COUNTY COMMISSION
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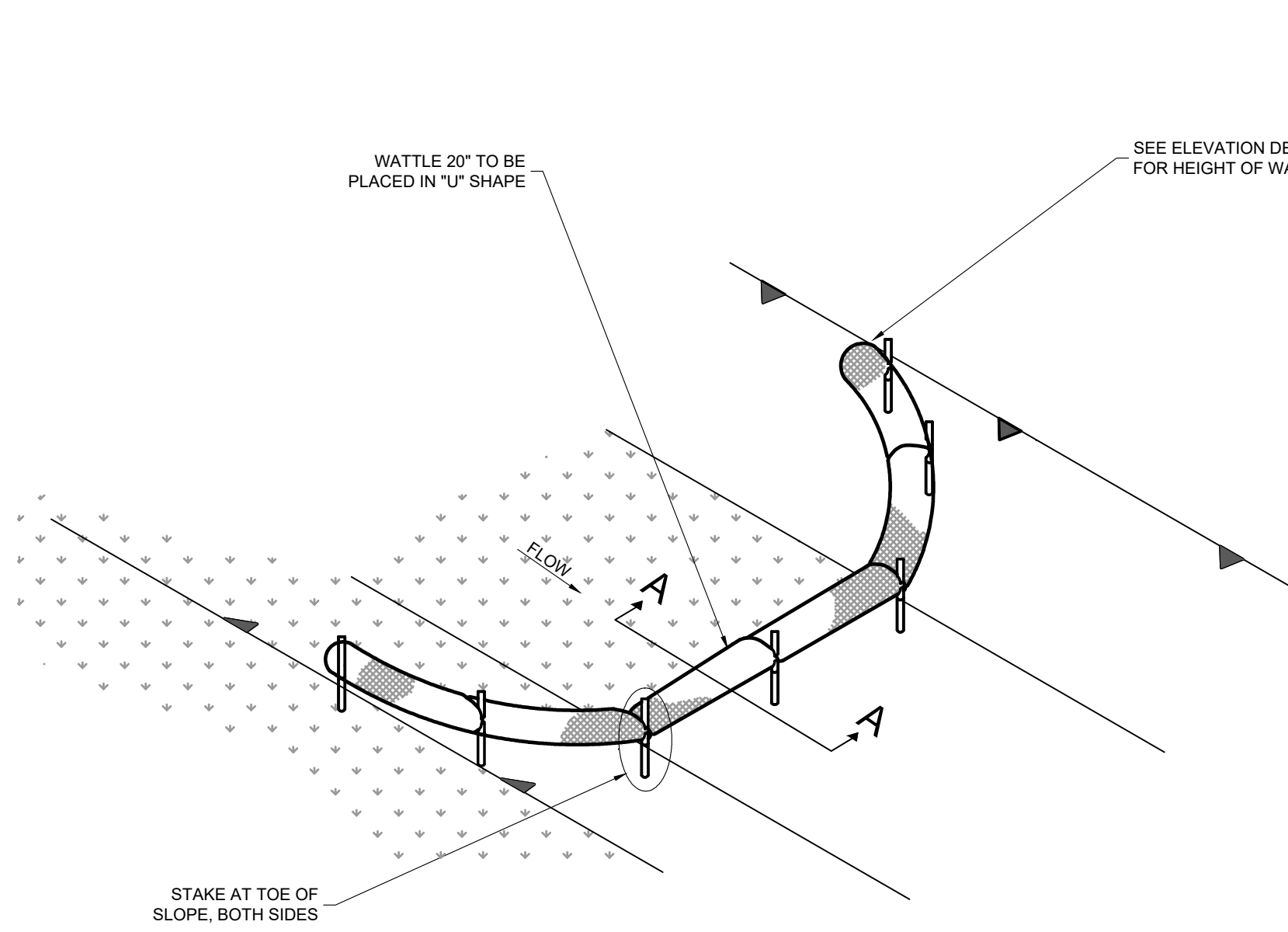


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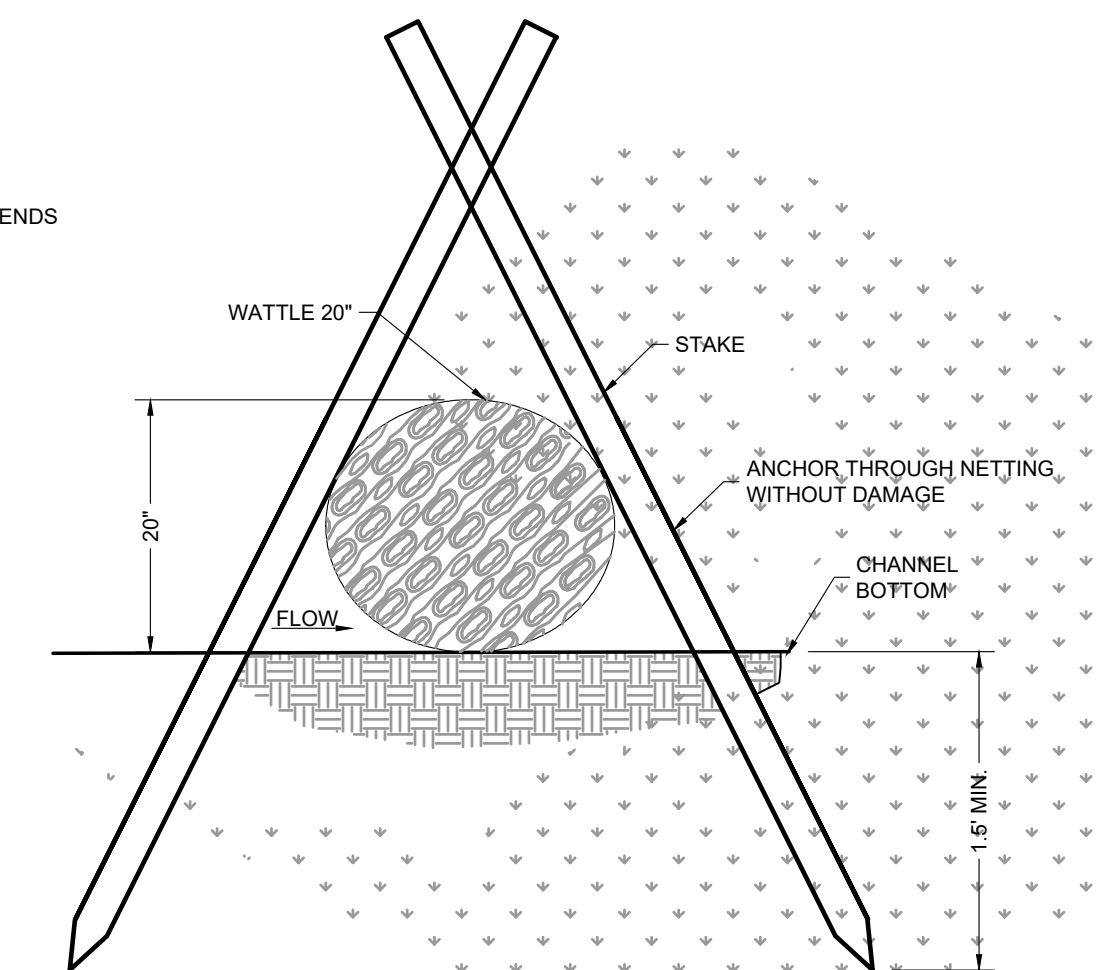
MOBILE COUNTY
 PROJ. NO. CDP-121-22/MCD1-PW-23-001
 MAUSAP ROAD
 EROSION CONTROL DETAILS

| | | | |
|---|------------|--------------|----------|
| -Copyright © as Dated by Driven Engineering, Inc. All Rights Reserved | | | |
| DATE | 07/25/2022 | SCALE | AS SHOWN |
| PROJECT NUMBER | 22026 | | |
| DRAWING NUMBER | C15 | TOTAL SHEETS | 17 |
| REVISION | G | | |

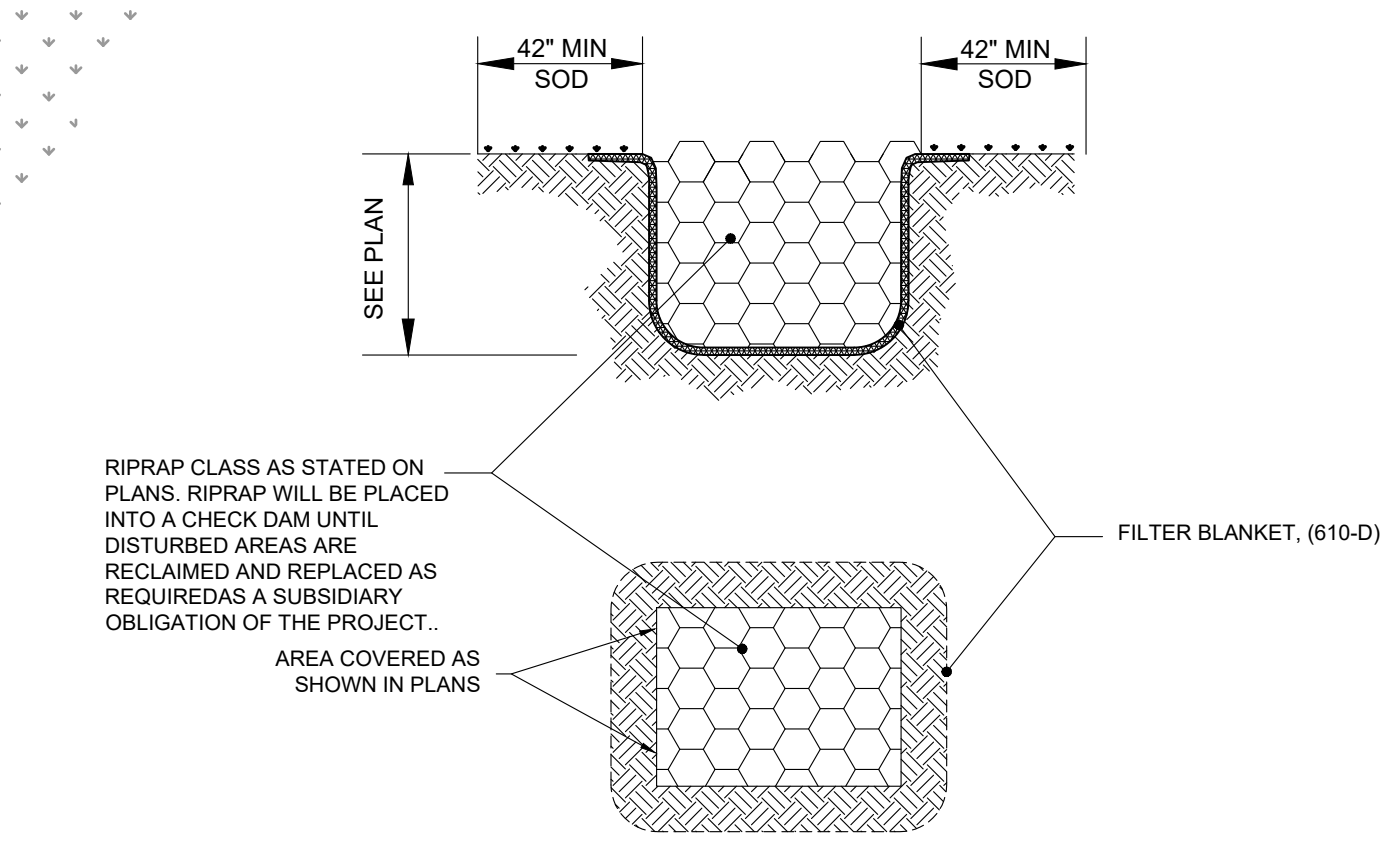
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WATTLE DETAIL (DITCH CHECK)
N.T.S.

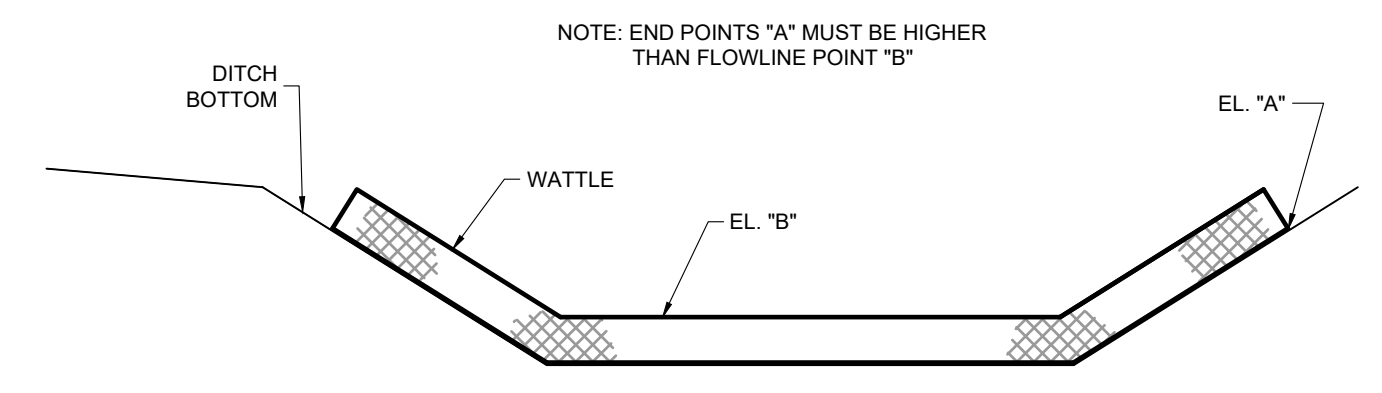


WATTLE SECTION A-A
N.T.S.

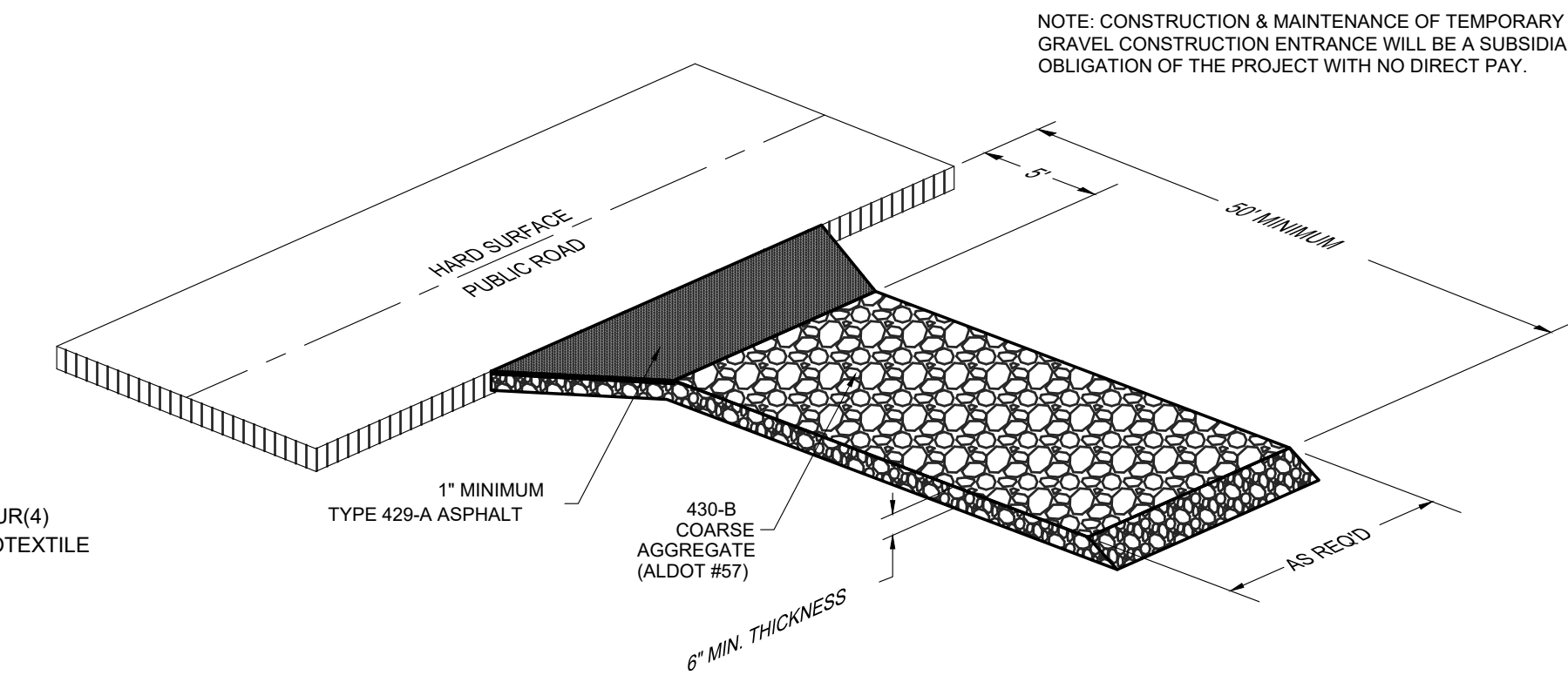


RIPRAP PLACEMENT DETAIL
N.T.S.

- NOTES:
1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ESC-300-1.
 2. ANCHORING STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
 3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
 4. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.



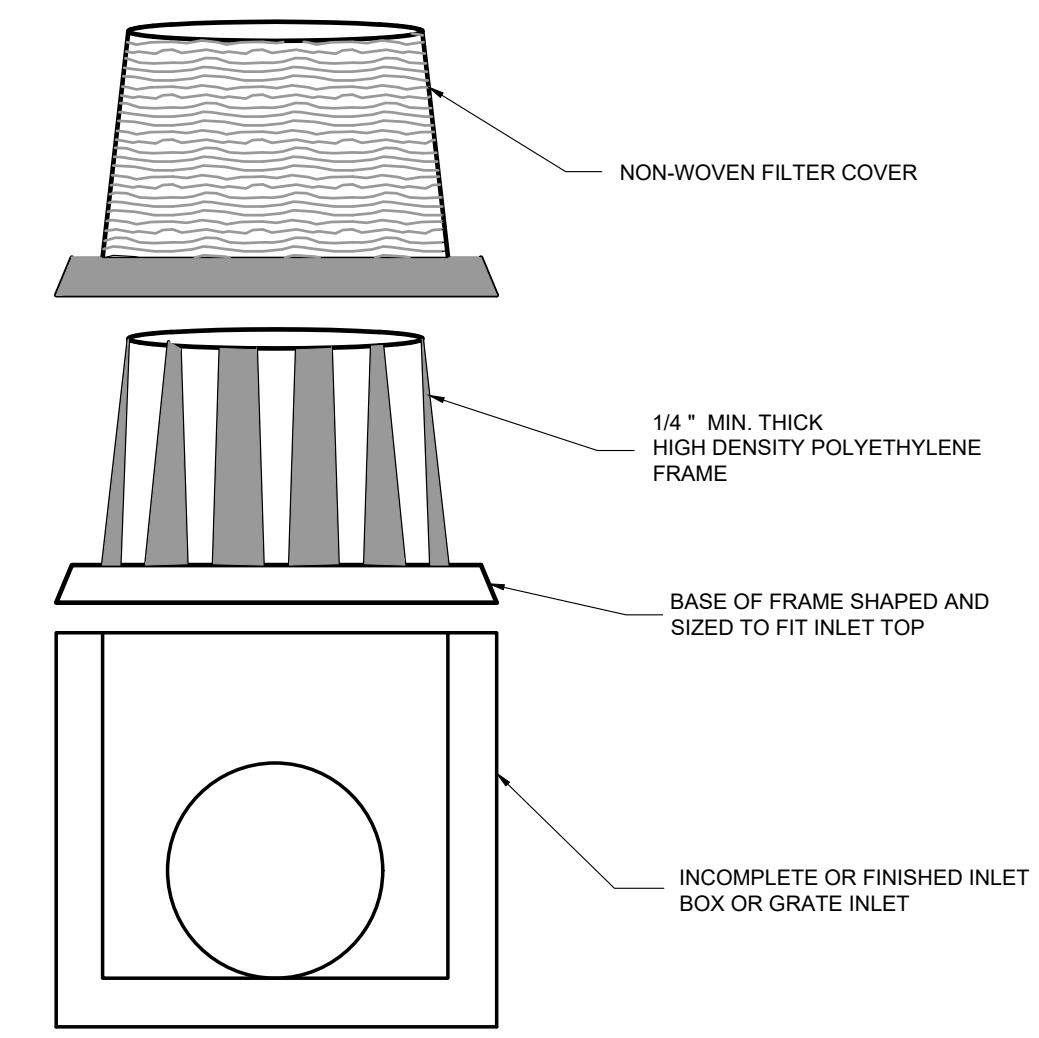
WATTLE ELEVATION DETAIL
N.T.S.



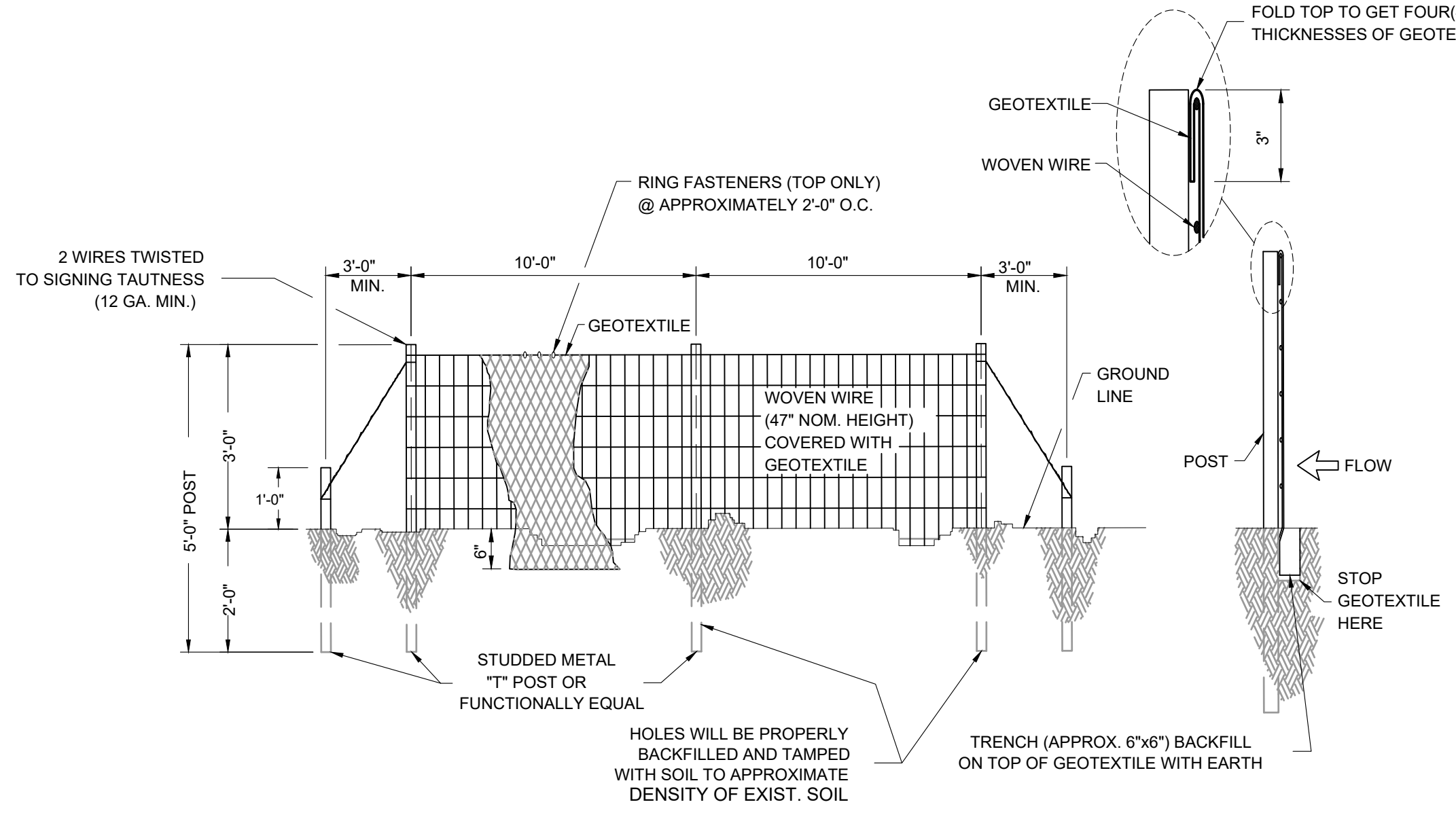
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
N.T.S.

TYPICAL CONSTRUCTION SEQUENCE FOR SILT-SAVER FRAME & FILTER

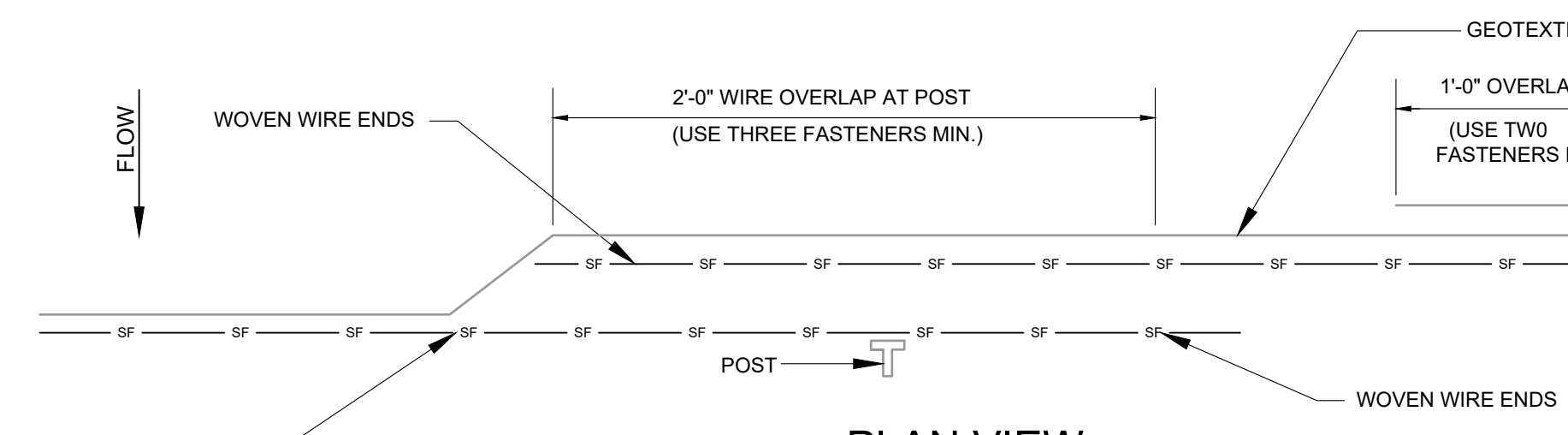
1. EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
2. PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.
3. SLIDE THE FILTER OVER THE FRAME.
4. FILL THE FILTER POCKETS WITH SOIL, #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.
5. BACK FILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACK FILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.



INLET SEDIMENT BARRIER DETAIL
NOT TO SCALE



SILT FENCE TYPE A DETAIL (TYPICAL)
NOT TO SCALE



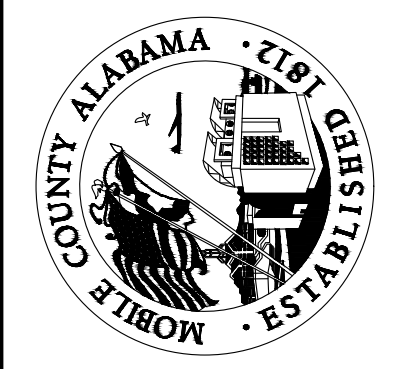
PLAN VIEW REQUIRED LAPPING OF SILT FENCE
NOT TO SCALE

SECTION

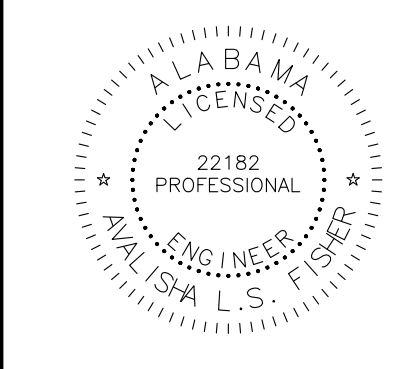
PLAN VIEW

| | | | |
|---|-----------------------------------|-----|-----|
| F | 03/30/2023 | BRH | ALF |
| | REVISED ROW AT NORTHWEST CORNER | | |
| G | 8/15/2023 | SGF | ALF |
| | UPDATE PLANS FOR ROW CHANGE | | |
| C | 08/17/2022 | ALF | ALF |
| | 100% SUBMITTAL ISSUED FOR BIDDING | | |
| D | 8/24/2022 | BRH | ALF |
| | SECOND 100% SUBMITTAL | | |
| E | 11/04/2022 | BRH | ALF |
| | THIRD 100% SUBMITTAL | | |

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MOBILE COUNTY COMMISSION
 MERCERIA L. LUDGOOD
 CONNIE HUDSON
 RANDALL DUEITT



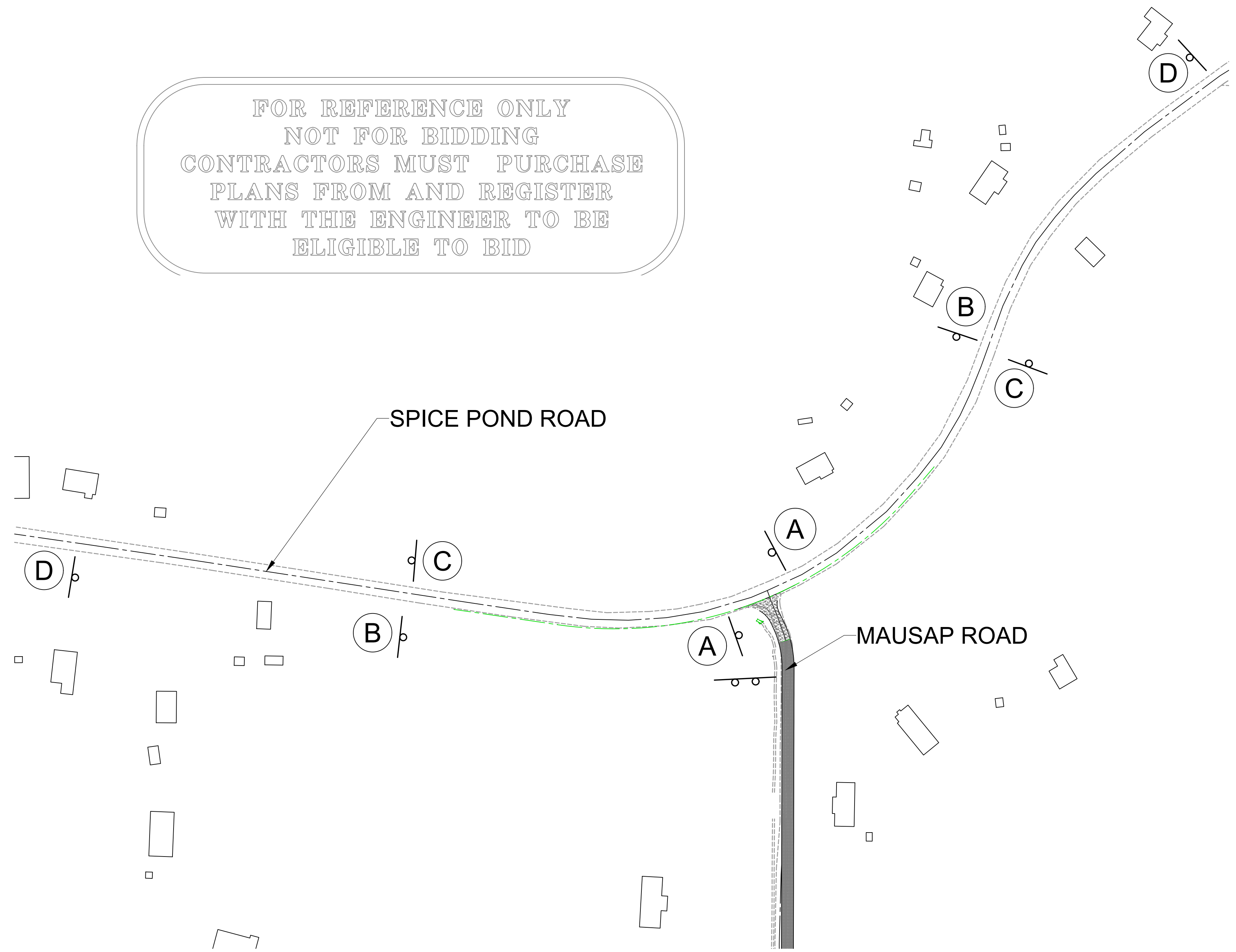
Driven Engineering, Inc.
 8005 Morris Hill Road, Semmes, AL 36575
 (251) 649-4011 Office
 (251) 645-0871 Fax
 www.driveneengineering.com

TITLE:
 MOBILE COUNTY
 PROJ. NO. CDP-121-22/MCD1-PW-23-001
 MAUSAP ROAD
 TRAFFIC CONTROL PLAN

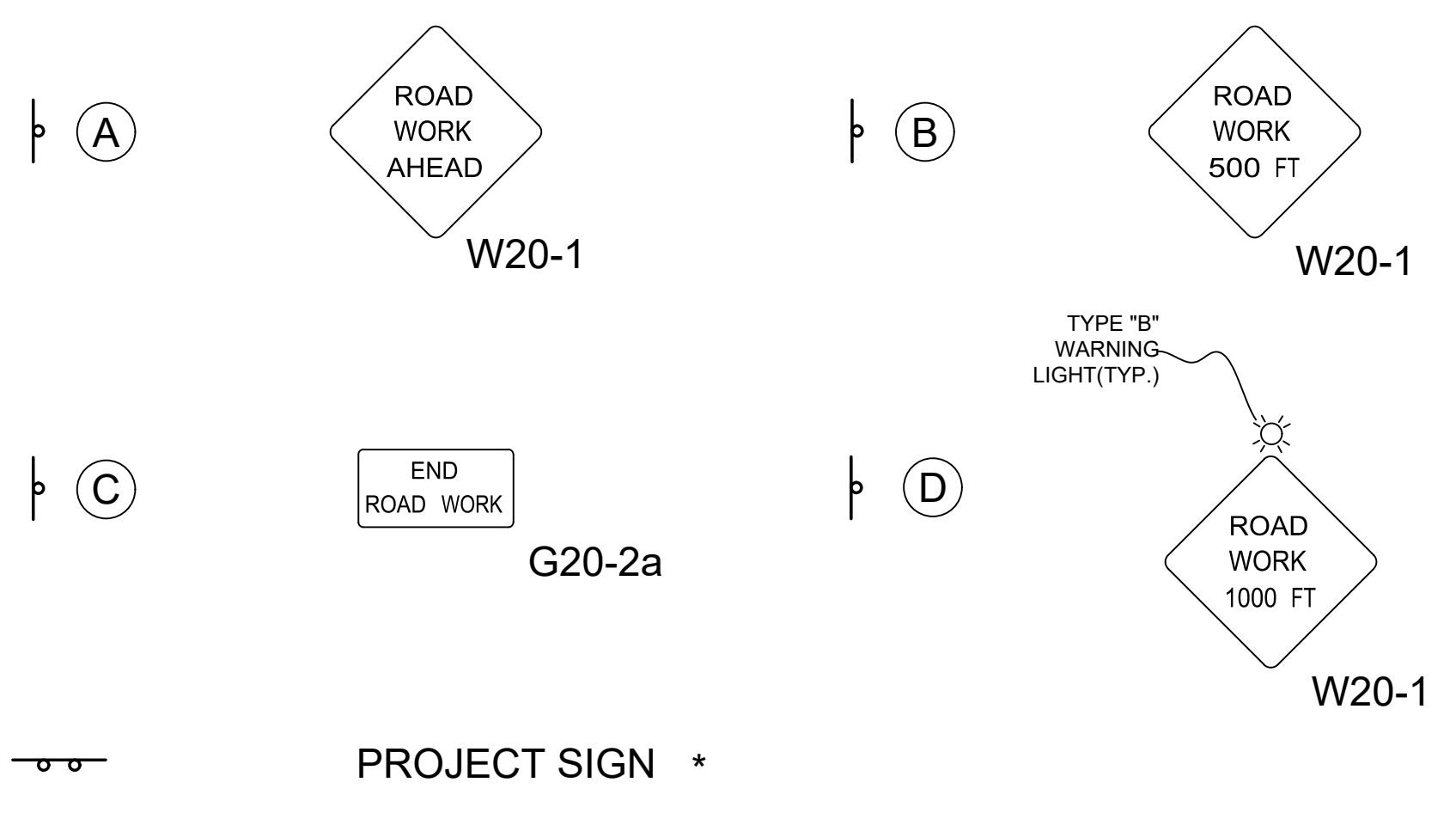
| | |
|---|------------------|
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| DATE: 07/25/2022 | SCALE: AS SHOWN |
| PROJECT NUMBER: 22026 | |
| DRAWING NUMBER: C16 | TOTAL SHEETS: 17 |
| REVISION: G | |

PLANS NOT VALID UNLESS THEY BEAR A COLOR SIGNATURE OR AN EMBOSSED SEAL. PLANS ARE NOT ISSUED FOR CONSTRUCTION UNLESS THE REVISION IS A NUMERAL.

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CONSTRUCTION SIGN LEGEND

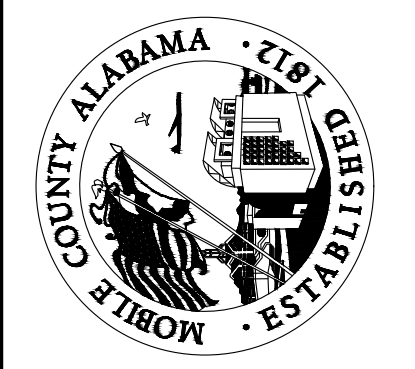


* NOTE: THE PROJECT SIGN WILL BE INSTALLED IN THE FIELD IN AN AREA APPROVED BY THE ENGINEER.

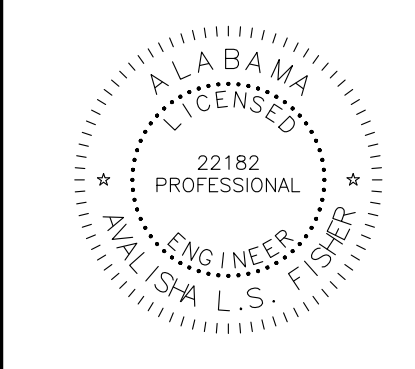
| TRAFFIC SIGN TABULATION | | | | |
|-------------------------|------------------|----|----------|----------|
| SIGN | SIGN DESCRIPTION | SF | QUANTITY | TOTAL SF |
| A | ROAD WORK AHEAD | 16 | 2 | 32 |
| B | ROAD WORK 500FT | 16 | 2 | 32 |
| C | END ROAD WORK | 8 | 2 | 16 |
| D | ROAD WORK 1000FT | 16 | 2 | 32 |
| TOTAL SIGNAGE = | | | | 112 |

| | | | | |
|---|-----------------------------------|-----|-----|-----|
| F | 03/30/2023 | BRH | BRH | ALF |
| | REVISED ROW AT NORTHWEST CORNER | | | |
| G | 8/15/2023 | JGF | BRH | ALF |
| | UPDATE PLANS FOR ROW CHANGE | | | |
| C | 08/17/2022 | ALF | ALF | ALF |
| | 100% SUBMITTAL ISSUED FOR BIDDING | | | |
| D | 8/24/2022 | BRH | ALF | ALF |
| | SECOND 100% SUBMITTAL | | | |
| E | 11/04/2022 | BRH | ALF | ALF |
| | THIRD 100% SUBMITTAL | | | |

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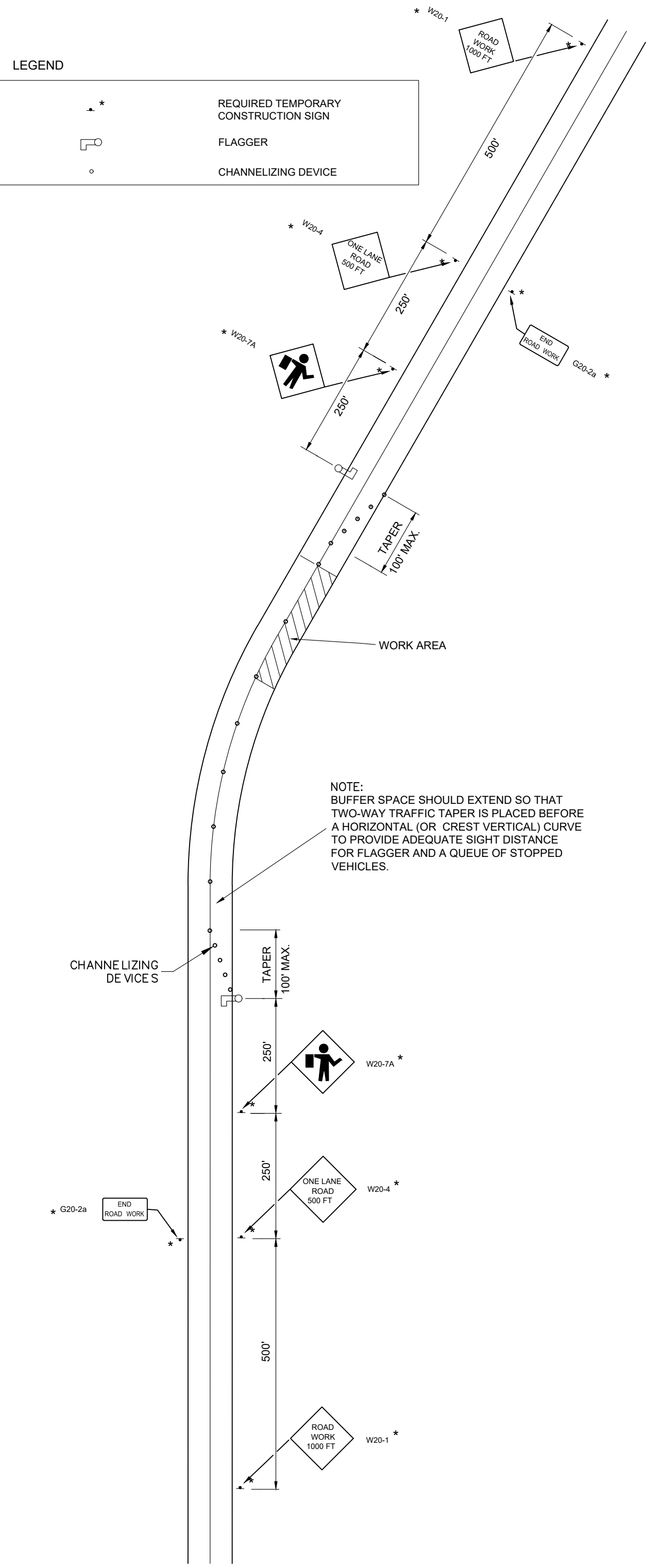
MOBILE COUNTY
 PROJ. NO. CDP-121-22/MCD1-PW-23-001
 MAUSAP ROAD
 TRAFFIC CONTROL DETAILS

| | | |
|---|--------------|----------|
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| DATE | SCALE | |
| 07/25/2022 | AS SHOWN | |
| PROJECT NUMBER: | 22026 | |
| DRAWING NUMBER | TOTAL SHEETS | REVISION |
| C17 | 17 | G |

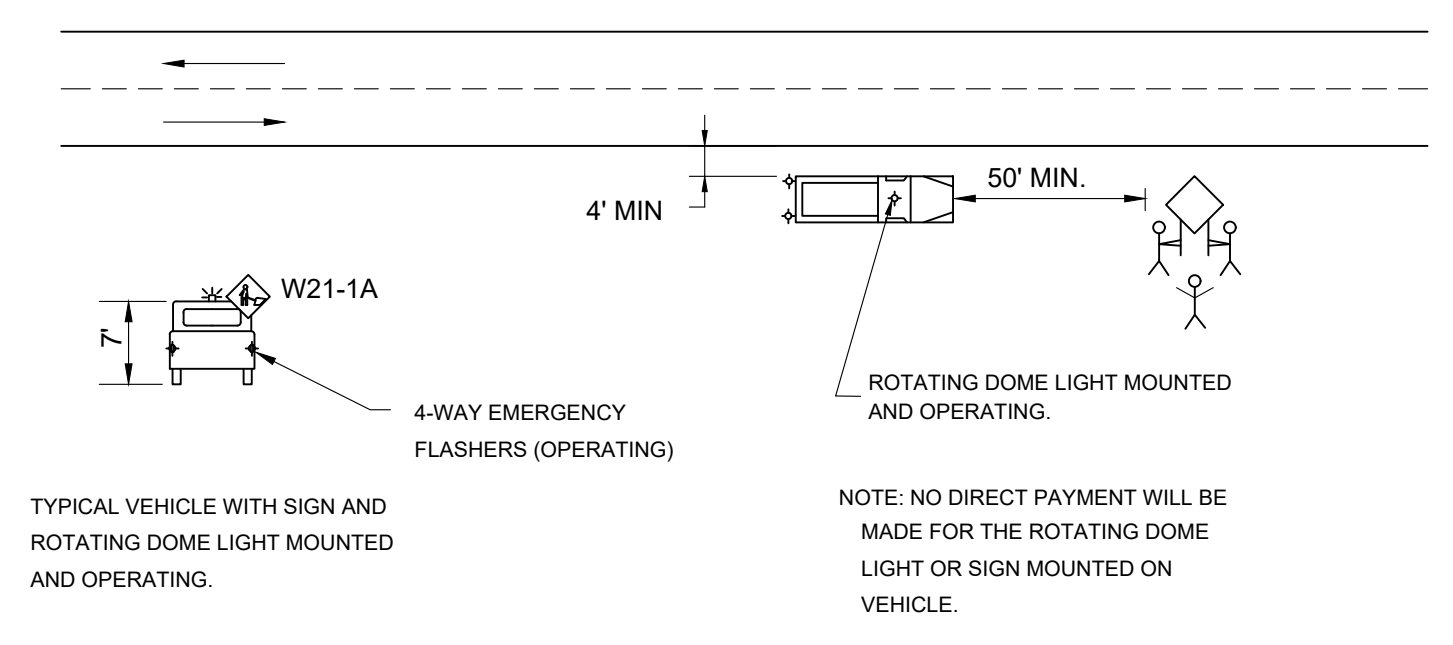
PLANS NOT VALID UNLESS THEY BEAR A COLOR SIGNATURE OR AN EMBOSSED SEAL. PLANS ARE NOT ISSUED FOR CONSTRUCTION UNLESS THE REVISION IS A NUMERAL.

LEGEND

| | |
|--|--------------------------------------|
| | REQUIRED TEMPORARY CONSTRUCTION SIGN |
| | FLAGGER |
| | CHANNELIZING DEVICE |



TEMPORARY ONE-LANE CLOSURE DETAIL
 NOT TO SCALE

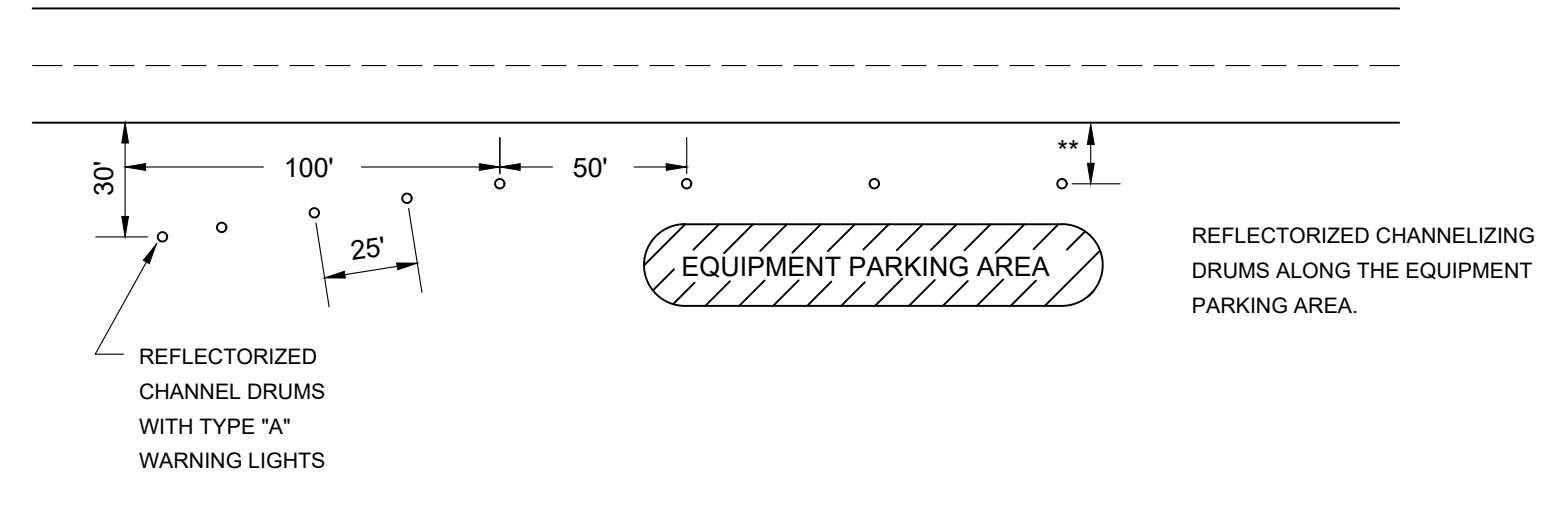


TYPICAL METHOD FOR PLACEMENT OR REMOVAL OF CONSTRUCTION SIGNS

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 CONTRACTORS MUST PURCHASE
 PLANS FROM AND REGISTER
 WITH THE ENGINEER TO BE
 ELIGIBLE TO BID

TRAFFIC CONTROL NOTES

- 701 THE TRAFFIC CONTROL PLAN IS DEVELOPED IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, PART VI, CURRENT EDITION. THE TRAFFIC CONTROL DEVICES INDICATED REPRESENT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT ACTUAL CONDITIONS WARRANT ADDITIONAL TRAFFIC CONTROL DEVICES, THE SAME SHALL BE INSTALLED IN CONFORMANCE WITH THE MUTCD, PART VI, AS DIRECTED BY THE ENGINEER.
- 702 THE CONTRACTOR SHALL PLACE ALL ADVANCE WARNING SIGNS BEFORE PROCEEDING WITH HIS WORK. SIGNS SHALL BE PLACED IN ORDER IN THE DIRECTION OF TRAFFIC AND REMOVED IN REVERSE ORDER.
- 703 ANY SIGNING OR OTHER TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS TOP BUT DEEMED NECESSARY BY THE ENGINEER SHALL BE FURNISHED BY THE CONTRACTOR AND PAID FOR UNDER THE APPROPRIATE PAY ITEM.
- 704 DURING NONWORKING HOURS, NO EQUIPMENT OR MATERIAL SHALL BE PARKED OR STORED CLOSER THAN 30 FEET TO THE EDGE OF ANY ROADWAY CARRYING TRAFFIC. WHEN THIS IS NOT PRACTICAL, IT SHALL BE PLACED IN AN AREA DESIGNATED BY THE ENGINEER AND DELINEATED BY REFLECTORIZED DRUMS AND WARNING LIGHTS. THIS INCLUDES STORAGE OF TRAFFIC CONTROL DEVICES SUCH AS TRAILER MOUNTED OR TEMPORARY SIGNS, BARRICADES, DRUMS, ETC., WHICH ARE NOT IN USE DURING NONWORKING HOURS.
- 705 THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE ACCESS TO BUSINESSES AND RESIDENCES DURING ALL PHASES OF CONSTRUCTION.
- 706 THE CONTRACTOR MAY EXECUTE AS MANY OPERATIONS OF CONSTRUCTION SIMULTANEOUSLY AS HE CAN SAFELY AND EFFICIENTLY HANDLE WITH THE APPROVAL OF THE ENGINEER.
- 707 THE CONTRACTOR WILL BE PERMITTED TO DEVELOP THEIR OWN TRAFFIC CONTROL PLAN TO BE USED IN LIEU OF THIS TRAFFIC CONTROL PLAN. THE PLAN MUST BE APPROVED BY THE ENGINEER.
- 708 THE CONTRACTOR SHALL NOT BE ALLOWED TO LEAVE OPEN CUTS ADJACENT TO ANY TRAVELED WAY DURING NONWORKING HOURS.
- 709 FLAGGERS SHALL BE PROPERLY EQUIPPED, ATTIRED, AND IN SIGHT OF, OR IN RADIO CONTACT WITH EACH OTHER AT ALL TIMES.
- 710 WHERE FLAGGERS ARE REQUIRED, STAFF MOUNTED STOP/SLOW PADDLES SHALL BE UTILIZED.
- 711 NOT USED.
- 712 ALL REQUIRED CONSTRUCTION SIGNS MOUNTED ON TEMPORARY SUPPORTS ARE TO BE REMOVED OR COVERED AT THE COMPLETION OF THE DAY'S OPERATION OR WHEN NO WORK IS BEING PERFORMED.
- 713 ALL SIGN SUPPORTS SHALL COMPLY WITH STANDARD DRAWING TCD100.
- 714 ALL CONSTRUCTION SIGN LIGHTING SHALL COMPLY WITH SPECIAL DRAWING LCS107.
- 715 ALL SIGNS SHALL MEET M.U.T.C.D., PART VI, CURRENT EDITION, TYPE IV STANDARDS. ALL CHANNELIZING DRUMS SHALL BE TYPE III.
- 716 DO NOT BLOCK VIEW OF STOP SIGNS OR ANY OTHER PERMANENT SIGN, WITH PROJECT SIGNS OR ANY OTHER TRAFFIC CONTROL DEVICE.
- 717 A REFLECTORIZED DRUM SHALL BE PLACED IN FRONT OF EACH CONSTRUCTION SIGN THAT IS STORED ON THE SHOULDER AT ANY TIME DURING THE COURSE OF THE PROJECT, INCLUDING BUT NOT LIMITED TO COVERED SIGNS AND TEMPORARY MOUNTED SIGNS THAT HAVE BEEN LAID OVER. THE COST OF THIS REQUIREMENT SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 740B-000 (CONSTRUCTION SIGNS) WHEN A PAY ITEM FOR CHANNELIZING DRUMS IS NOT PROVIDED IN THE PLANS.



**DRUMS TO BE AS FAR AS PRACTICAL FROM EDGE OF PAVEMENT. MINIMUM DESIRABLE DISTANCE IS 16 FEET FOR FREEWAY TYPE FACILITIES AND 10 FEET FOR OTHER FACILITIES. FOR UNUSUAL CONDITIONS, SUCH AS SPECIAL EQUIPMENT OR LIMITED AVAILABLE SPACE, DIMENSIONS LESS THAN DESIRABLE SHALL BE AS DIRECTED BY THE ENGINEER. (TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE COUNTY)

DELINEATING DETAILS FOR EQUIPMENT PARKING AREAS

(FOR USE ONLY WHEN EQUIPMENT CANNOT BE STORED THIRTY FEET OR MORE FROM THE EDGE OF PAVEMENT.)