## CITY OF PELL CITY FIRE STATION NO.2

2911 MARTIN STREET SOUTH CROPWELL, AL 35054



## **SYMBOLS**

CENTERLINE OR COLUMN LINE \_\_\_\_\_ TENANT LEASE LINE FACE OF FINISH OR FACE OF MASONRY OR TENANT LEASE LINE/STOREFRONT FOM EXTERIOR FACE OF DIMENSIONED MASONRY COLUMN LINE DETAIL/SECTION NO.

SHEET LOCATED

SPOT ELEVATION (PLAN) CONTROL OR WORKING POINT OR LEVEL (SECTION)

DEMISING PARTITION EXPANSION JOINT

STEEL STUD, SEE SECTION FOR SIZE CONCRETE MASONRY UNIT

1 INTERIOR PARTITION

MATERIAL COLOR ON EXTERIOR ELEVATIONS

SHEET LOCATED

MATERIAL TYPE ON EXTERIOR ELEVATIONS

## TENANT LEASE LINE DOOR SYMBOL — SEE DOOR SCHEDULE. ALL DOORS ARE TYPE 1 UNLESS NOTED OTHERWISE NEUTRAL PIER - SEE DETAILS

## 2021 INTERNATIONAL EXISTING BUILDING CODE 2021 INTERNATIONAL PLUMBING CODE

2021 INTERNATIONAL MECHANICAL CODE

2021 INTERNATIONAL FUEL GAS CODE

**APPLICABLE CODES** 

2021 INTERNATIONAL FIRE CODE 2021 NATIONAL ELECTRICAL CODE (NFPA 70

2021 NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72) 2021 ICC/NSSA-500 STANDARD FOR THE DESIGN AND CONSTRUCTION OF STORM SHELTERS ANSI/ASHRAE/IESNA STANDARD 90.1-2013 ENERGY STANDARD FOR BUILDINGS

EXCEPT LOW-RISE RESIDENTIAL 2021 ADA STANDARDS FOR ACCESSIBLE DESIGN

## **PROJECT TEAM**

## OWNER City Manager

City of Pell City 1905 1st Avenue North Pell City, AL 35125 205.338.2244 (F) 205.338.2320

**GENERAL CONTRACTOR** 

## **ARCHITECT**

CMH Architects, Inc. 1800 International Park Drive Suite 300 Birmingham, Alabama 35243

## STRUCTURAL ENGINEER

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## **ELECTRICAL ENGINEER** Professional Engineering Groups, Inc.

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Greg Mims gmims@proenggroup.com (205) 655-4237

## Insite Engineering

5800 Feldspar Way Hoover, Alabama 35244

**CIVIL ENGINEER** 

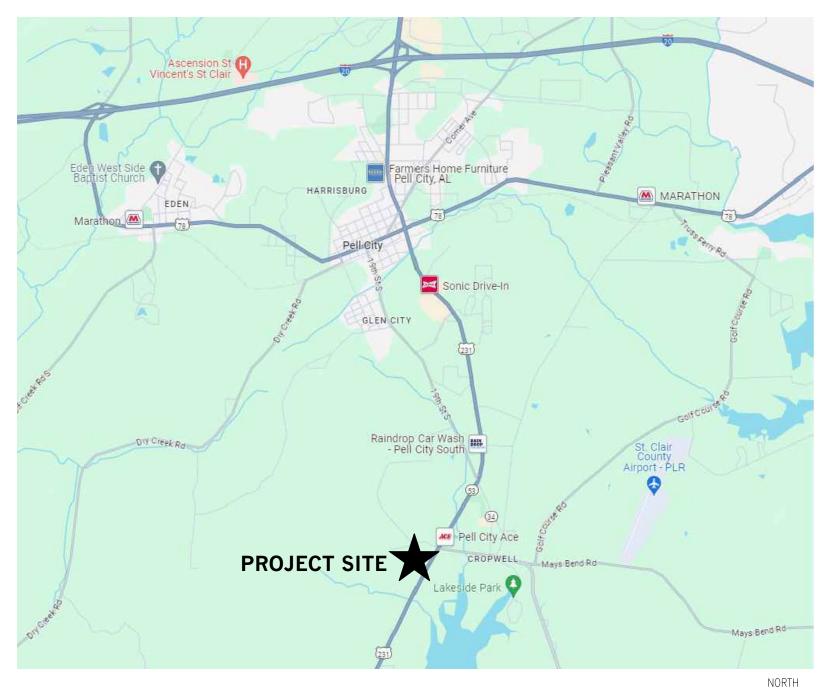
jjett@insiteengineering.org (205) 733-9696

## LANDSCAPE PLOT Studio

204 Main St Suite 125 Trussville, AL 35173

Matt Phillips matt@plotstudiola.com (205) 478-5388

## **VICINITY MAP**



## **SHEET INDEX**

CIVIL C1.0 COVERSHEET, SITE LOCATION, & DRAWING INDEX C1.1 STANDARD LEGEND & ABBREVIATIONS C1.2 GENERAL NOTES C2.0 EXISTING SURVEY C3.0 EXISTING GEOMETRY & LAYOUT PLAN C4.0 SITE GRADING PLAN C4.1 SITE GRADING PLAN C5.0 DRAINAGE PLAN C5.1 DRAINAGE PLAN PROFILES C5.2 POND OUTLET PLAN & DETAILS C6.0 EROSION CONTROL PLAN C7.0 UTILITIES PLAN C8.0 EROSION CONTROL DETAILS C8.1 UTILITY DETAILS C8.2 UTILITY DETAILS C8.3 MISCELLANEOUS DETAILS

SHEET # SHEET TITLE

GO.O "COVER SHEET

## **ACCESS PERMIT PLANS**

C8.4 MISCELLANEOUS DETAILS

AP-1 ACCESS PERMIT PLAN AP-2 DRIVEWAY & DRAINAGE PROFILE AP-3 MISCELLANEOUS DETAILS AP-4 TRAFFIC CONTROL DETAILS AP-5 TRAFFIC CONTROL DETAILS AP-6 TRAFFIC CONTROL DETAILS AP-7 ALDOT DETAILS AP-8 ALDOT DETAILS AP-9 ALDOT DETAILS AP-10 ALDOT DETAILS AP-11 ALDOT DETAILS AP-12 ALDOT DETAILS AP-13 ALDOT DETAILS AP-14 ALDOT DETAILS AP-15 ALDOT DETAILS AP-16 ALDOT DETAILS AP-18 ALDOT DETAILS AP-19 ALDOT DETAILS AP-20 ALDOT DETAILS AP-21 ALDOT DETAILS AP-22 ALDOT DETAILS AP-23 ALDOT DETAILS

## TRAFFIC/ UTILITIES

AP-24 ALDOT DETAILS AP-25 ALDOT DETAILS

UP-1 UTILITIES PERMIT PLAN UP-2 HWY 231 BORE #1 PROFILE UP-3 UTILITY DETAILS UP-4 UTILITY DETAILS UP-5 TRAFFIC CONTROL DETAILS UP-6 TRAFFIC CONTROL DETAILS UP-7 TRAFFIC CONTROL DETAILS

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LA5.00 OVERALL LANDSCAPING PLAN LA5.10 LANDSCAPE PLAN LA5.11 LANDSCAPE PLAN LA5.12 LANDSCAPE PLAN LA5.13 LANDSCAPE PLAN LA5.20 PLANT SCHEDULE, DETAILS, & NOTES LA5.30 IRRIGATION COVERAGE & SLEEVING PLAN

## **ARCHITECTURAL**

GO.01 ADA STANDARDS

GO.02 CODE STUDY/LIFE SAFETY PLAN GO.O3 LIFE SAFETY PLAN G0.04 UL INFO A1.00 OVERALL SITE PLAN A1.01 ARCHITECTURAL SITE PLAN A2.01 FLOOR PLAN A2.02 DIMENSIONED FLOOR PLAN A2.03 PLAN DETAILS A3.01 EXTERIOR ELEVATIONS A3.02 EXTERIOR ELEVATIONS A4.01 BUILDING SECTIONS A4.10 WALL SECTIONS A4.11 WALL SECTIONS A4.12 WALL SECTIONS

A5.01 ROOF PLAN

A4.13 WALL SECTIONS

A4.14 WALL SECTIONS

A6.01 REFLECTED CEILING PLAN A7.01 INTERIOR ELEVATIONS A7.02 INTERIOR ELEVATIONS

A7.03 INTERIOR ELEVATIONS A7.04 INTERIOR ELEVATIONS A7.05 INTERIOR ELEVATIONS A7.06 INTERIOR ELEVATIONS

A7.07 INTERIOR ELEVATIONS

A4.15 WALL SECTIONS & DETAILS

## A7.21 RESTROOM INTERIOR ELEVATIONS & DETAILS A7.22 RESTROOM INTERIOR ELEVATIONS & DETAILS

A7.31 MILLWORK SECTIONS & DETAILS

A7.32 MILLWORK SECTIONS & DETAILS A8.01 DOOR SCHEDULE & DETAILS A8.30 FINISH LEGEND & SCHEDULE

## A11.0 INTERIOR SIGNAGE

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## MECHANICAL

S3.02 SECTIONS

MO.02 MECHANICAL SCHEDULES MO.03 MECHANICAL SCHEDULES M1.01 FLOOR PLAN - DUCTWORK PLAN M1.02 FLOOR PLAN - MECHANICAL PIPING PLAN M1.03 ROOF PLAN - MECHANICAL PLAN M2.01 MECHANICAL DETAILS M2.02 MECHANICAL DETAILS M2.03 MECHANICAL DETAILS M2.04 MECHANICAL CONTROLS

MO.01 MECHANICAL NOTES & LEGENDS

## **PLUMBING**

M2.05 VRF SCHEMATIC

M2.06 VRF SCHEMATIC

PO.01 PLUMBING SCHEDULES, DETAILS, NOTES & LEGENDS PO.02 PLUMBING RISERS P1.01 FLOOR PLAN - NONPRESSURE PLUMBING

P1.02 FLOOR PLAN - PRESSURE PLUMBING

## **ELECTRICAL**

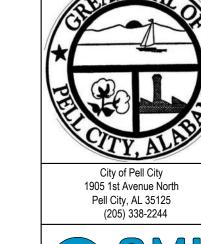
E0.01 ELECTRICAL LEGEND & NOTES 116 E1.00 SITE ELECTRICAL E1.01 ELECTRICAL - LIGHTING E2.01 ELECTRICAL - POWER

> E3.01 ELECTRICAL — FIRE ALARM E5.01 ELECTRICAL - LEGENDS & NOTES

## FIRE PROTECTION

E6.01 ELECTRICAL - DETAILS

FPO.1 DETAILS & NOTES - FIRE PROTECTION FP1.01 FLOOR PLAN - FIRE PROTECTION



CONSTRUCTION I

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C



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SHEET TITLE COVER SHEET, NOTES, & SYMBOLS

PROJECT NUMBER 1917 ISSUE DATE 10/31/2024 DRAWN BY

CHECKED BY SHEET NUMBER

FIRE STATION #2

## DRAWING INDEX

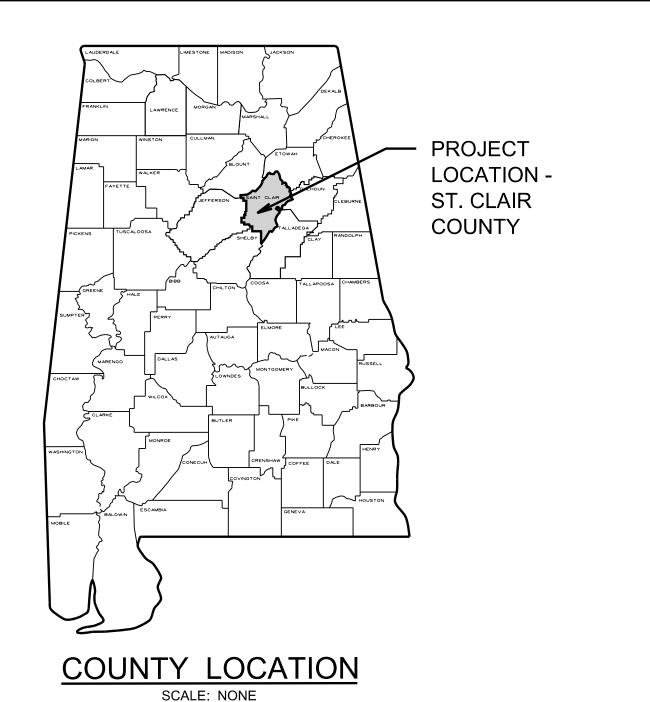
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<u>DRAWING No.</u> <u>DESCRIPTION</u>
                 COVER SHEET, SITE LOCATION, AND DRAWING INDEX
                 STANDARD LEGEND AND ABBREVIATIONS
C 1.2
                 GENERAL NOTES
                 EXISTING SURVEY
                 SITE GEOMETRY AND LAYOUT PLAN
C 4.0
                 SITE GRADING PLAN
C 4.1
                 SITE GRADING PLAN
                 DRAINAGE PLAN
                 DRAINAGE PROFILES
C 5.2
                 POND OUTLET PLAN AND DETAILS
                 EROSION CONTROL PLAN
C 7.0
                 UTILITIES PLAN
                 EROSION CONTROL DETAILS
C 8.1
                 UTILITY DETAILS
C 8.2
                 UTILITY DETAILS
                 MISCELLANEOUS DETAILS
                 MISCELLANEOUS DETAILS
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## **APPENDIX**

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DRAWING No. DESCRIPTION
                ACCESS PERMIT PLAN
                DRIVEWAY AND DRAINAGE PROFILES
                MISCELLANEOUS DETAILS
                TRAFFIC CONTROL DETAILS
                TRAFFIC CONTROL DETAILS
                TRAFFIC CONTROL DETAILS
                ALDOT DETAILS
                UTILITIES PERMIT PLAN
                HWY 231 BORE #1 PROFILE
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UTILITY DETAILS
UTILITY DETAILS

TRAFFIC CONTROL DETAILS
TRAFFIC CONTROL DETAILS
TRAFFIC CONTROL DETAILS



## CITY OF PELL CITY FIRE STATION #2

2911 MARTIN STREET SOUTH PELL CITY, AL 35128

AL-53 / US-231 MP 216.19 - MP 216.24

PREPARED BY:

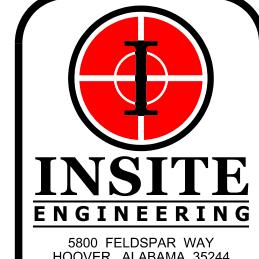


INSITE ENGINEERING, LLC.

5800 FELDSPAR WAY HOOVER, ALABAMA 35244 OFFICE (205) 733-9696 FAX (205) 733-9697



LOCATION MAP



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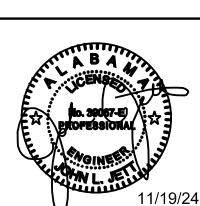
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ENVIRONMENTAL
PLANNING
COMMERCIAL
RESIDENTIAL

RESIDENTIAL

F PELL CITY STATION #/

BID RELEASE SET

PROJECT INFO:
INSITE JOB No. 24031.00
PLOTTED: 11/19/24



THIS SHEET CONTAINS
COVER SHEET,
SITE LOCATION,
AND DRAWING
INDEX

SCALE: NONE

C 1.0

ACQ'D ACQUIRED ACRE ALDOT ALABAMA DEPARTMENT OF TRANSPORTATION AVE AVENUE ВМ BENCH MARK

BLDG BUILDING BLVD BOULEVARD CAST IRON PIPE CENTER LINE CLASS CONC CONCRETE

COR CORNER CFS CUBIC FEET PER SECOND CUBIC YARD C & G **CURB AND GUTTER DESIGN FLOW** DIST DISTANCE

DBL DOUBLE DRAINAGE AREA DUCTILE IRON PIPE EASEMENT **ELEVATION** FLOW LINE FEET PER SECOND

GPM **GALLONS PER MINUTE** GALLONS PER DAY HDWL HEADWALL HWEL HEADWATER ELEVATION HIGH POINT HWL HIGH WATER LEVEL HORIZ HORIZONTAL

GALLON

INVERT JUNCTION JUNCTION BOX LINEAR FEET LOW POINT MAIL BOX MANHOLE MILEPOST

MGD MILLION GALLONS PER DAY NWL NORMAL WATER LEVEL NORTHING POINT OF CURVATURE POINT OF INTERSECTION POINT OF TANGENCY POINT ON TANGENT

POUND PROPERTY LINE RAILROAD RANGE

RCP REINFORCED CONCRETE PIPE REQ'D REQUIRED ROW RIGHT OF WAY

RD ROAD SS SANITARY SEWER SEC SECTION SHLDR SHOULDER SD SIDE DRAIN SQUARE YARD STA STATION

ST STREET TBM TEMPORARY BENCH MARK TOWNSHIP

VERT VERTICAL VLF VERTICAL FEET VPC VERTICAL POINT OF CURVE VPI VERTICAL POINT OF INTERSECTION VPT VERTICAL POINT OF TANGENT

VCP VITRIFIED CLAY PIPE WATER LEVEL WATER MAIN

## STANDARD LEGEND

EXISTING PROPOSED **PROPOSED UTILITIES** 0 SANITARY SEWER MANHOLE SIDEWALK — X " SS — SANITARY SEWER GRAVITY LINE (NOTE DIA. OF PIPE IF KNOWN) प्रमान असम्बद्धाः अनुस्तर अस्य UNPAVED ROAD OR DRIVEWAY SANITARY SEWER FORCE LINE (ARROW INDICATES FLOW) PAVED ROAD OR DRIVEWAY  $\otimes$ UTILITY MANHOLE (NOTE TYPE IN CIRCLE - P,T,ETC.) PAVED ROAD WITH GUTTER POWER JUNCTION BOX DRAIN WITH HEADWALL (SIZE POWER POLE Щ AND TYPE STRUCTURE NOTED) LIGHT POLE (NOTE TYPE) EXISTING BRIDGE, BOX CULVERT, OR  $\bowtie$ HIGH VOLTAGE TRANSMISSION POLE OR TOWER STORM DRAIN (SIZE AND TYPE STRUCTURE NOTED) — UP — UNDERGROUND POWER CONDUIT —— UP —— WALK BRIDGE OVERHEAD POWER LINES —— P —— RAILROAD TRACK SINGLE T TELEPHONE JUNCTION BOX RAILROAD TRACK DOUBLE \_\_\_\_ UT \_\_\_\_ UNDERGROUND TELEPHONE CONDUIT M.P. 129 OVERHEAD TELEPHONE LINES — T — — T — RAILROAD MILEPOST —— T&P —— — T&P — OVERHEAD TELEPHONE AND POWER LINES 0 0 0 0 OUTDOOR ADVERTISING SIGN  $\rightarrow$  $\overline{\phantom{a}}$ **GUY POLE** MASONRY WALL (NOTE TYPE) UTILITY POLE ANCHOR **○** ₫ MAILBOX GAS LINE MARKER (NOTED) GAS METER CLOTHES LINE AND POLES (NOTED) — X "G — GAS LINE (NOTE DIA. OF PIPE IF KNOWN) 0 WELL GAS VALVE ++++++++++LEVEE OR EARTH DAM WATER VALVE WOOD FENCE WATER LINE (NOTE DIA. OF PIPE IF KNOWN) -X-X-HOG WIRE OR BARBED WIRE FENCE WATER METER တ္တ FIRE HYDRANT CHAIN LINK FENCE 

**NATURAL** 

DROP INLET (NOTED)

TREES. (DRAW DOT TO SCALE OF TREE) HEDGES OR SHRUBBERY

SHRUB FLOWER BED, GARDEN, OR ROCK GARDEN (NOTED)

LAKE OR POND (\* \* \*) SWAMP, MARSH, ETC.

..... DITCH OR STREAM (ARROW INDICATES DIRECTION OF FLOW) EARTH ROCK

N 9,952.45

WATTLE DITCH CHECK DAM SILT FENCE

HEADWALL

DOUBLE WING CURB INLET

SINGLE WING CURB INLET

NORTHING & EASTING E 9,439.16

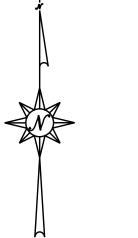
STRUCTURE NUMBER — LINE N= 1210812.28 ST-1 NUMBER E= 2217825.67

DRAINAGE CALLOUT

PROFILE SHEET NUMBER -

## **EXISTING** PROPOSED SURVEY

P I <sub>⊚</sub>	PI⊚	PROPERTY IRON (SIZE AND TYPE NOTED)
P	——₽—	PROPERTY LINE
	<del> </del>	SECTION CORNER OR 1/4 SECTION CORNER IRON
Ÿ	Ψ	(SIZE, TYPE, AND DESCRIPTION NOTED)
		1/4 OR 1/4 - 1/4 SECTION LINE
		SECTION LINE
R/W ∅	R/W ●	RIGHT OF WAY MONUMENTS (NOTED FOR EXISTING)
ROW	ROW	ROW LINE
		CONSTRUCTION LIMITS
——— ESMT ——	—— ESMT ——	EASEMENT
— — — CE — — —	— — – CE – — —	CONSTRUCTION EASEMENT



NORTH ARROW



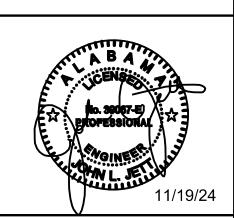


HOOVER, ALABAMA 35244 OFFICE (205) 733-9696 www.insiteengineering.org

**INFRASTRUCTURE** ENVIRONMENTAL PLANNING COMMERCIAL RESIDENTIAL

RELEASE SET

PROJECT INFO INSITE JOB No. 24031.00 PLOTTED: 11/19/24



THIS SHEET CONTAINS: STANDARD LEGEND AND ABBREVIATIONS

SCALE: NONE

## ALDOT NOTES

- 1. CONTACT DISTRICT ADMINISTRATOR AT (205) 274-2112 48 HOURS PRIOR TO BEGINNING WORK ON ALDOT RIGHT-OF-WAY.
- 2. WRITE A LETTER REQUESTING TO MEET WITH DISTRICT PERMIT COORDINATOR UPON COMPLETION OF PERMITTED WORK TO EVALUATE PUNCH LIST FOR COMPLETION OF PROJECT.
- 3. ALL DISTURBED AREAS SHALL BE RE-SODDED OR SEEDED IN ACCORDANCE WITH THE LATEST ALDOT SPECIFICATIONS FOR GRASSING AS DIRECTED BY THE DEPARTMENT OF TRANSPORTATION'S DISTRICT MANAGER.
- 4. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF PART 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 5. THE ALDOT DISTRICT OFFICE IN ONEONTA, AL MUST BE NOTIFIED AT (205) 274-2112 IMMEDIATELY UPON A LANE CLOSURE
- ALL WORK ON ALDOT ROW SHALL MEET OR EXCEED ALDOT STANDARDS AND SPECIFICATIONS.
- 7. IF ANY INSTALLATION REQUIRES THE REMOVAL AND/OR REPLACEMENT OF SIDEWALK AND/OR HANDICAP RAMPS IT WILL NEED TO BE INCLUDED ON THE DRAWINGS AND A NOTE WILL NEED TO BE ADDED TO INDICATE THAT THE WORK WILL MEET ALL ADA REQUIREMENTS. ANY SIDEWALK AND/OR HANDICAP RAMP REMOVAL AND REPLACEMENT SHALL REQUIRE THE CLOSURE OF THE IMPACTED SIDEWALK/RAMP AND THE APPLICANTS PLAN FOR CLOSING THE SIDEWALK SHOULD BE INCLUDED IN THE PERMIT SUBMITTAL.
- 8. RIGHT-OF-WAY MARKERS OR MONUMENTS SHALL NOT BE DISTURBED.
- 9. THE DISTRICT'S PEAK HOURS ARE BEFORE 8:00 A.M AND AFTER 4:00 P.M. NO LANE CLOSURES OR POSSIBLE TRAFFIC INTERFERENCES SHALL BE ALLOWED DURING PEAK HOURS.
- 10. DURING NON-WORKING 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 IN AN AREA DESIGNATED BY THE ENGINEER AND APPROVED BY THE DISTRICT MANAGER AND DELINEATED BY REFLECTORIZED DRUMS.
- 11. IF THE WORK ENCROACHES WITHIN TWO FEET OF THE TRAVEL WAY THE LANE SHOULD BE CLOSED, AND THE NOTE SHOULD ALSO INDICATE THAT ANY ADDITIONAL LANE CLOSURES NOT INDICATED IN THE DRAWINGS REQUIRES ALDOT APPROVAL PRIOR TO THE LANE BEING CLOSED.
- 12. THE PERMIT IS NOT WITHIN ANY UPCOMING CONSTRUCTION PROJECTS.
- 13. THERE ARE NO ALDOT FIBER NEAR THE WORK SHOWN ON THE PLANS.
- 14. ALL CONTRACTORS WILL ADHERE TO OSHA STANDARDS.
- 15. CALL BEFORE YOU DIG: 811.

BEGINNING AND ENDING.

- 16. ALL MANHOLES, VALVE BOXES, HANDHOLES, AND CLEANOUTS SHALL BE MOUNTED FLUSH WITH EXISTING GROUND OR FINISH GRADE.
- 17. ALL WATER AND GAS METERS MUST BE INSTALLED OFF ALDOT RIGHT OF WAY.
- 18. ALL MANHOLES, VALVE BOXES, HANDHOLES, AND CLEANOUTS SHALL MEET OR EXCEED AN HS-20 LOAD.
- 19. NO TRENCH OR EXCAVATION SHALL BE LEFT OPEN OVERNIGHT OR UNATTENDED ON ROW UNLESS PROPERLY PROTECTED.
- 20. TRENCHES AND EXCAVATION MUST BE FILLED, FENCED, COVERED, OR BARRICADED WHEN UNATTENDED.

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALDOT STANDARDS AND SPECIFICATIONS.

- 21. A SPECIAL AGREEMENT PERMIT IS NEEDED FOR UTILITY WORK THAT IS ASSOCIATED WITH AN ONGOING HIGHWAY/INTERSTATE PROJECT AND A LETTER FROM THE CONTRACTOR IF THE PERMIT WILL INVOLVE AN ACTIVE PROJECT.
- 22. IF THE INSTALLATION OF A UTILITY INVOLVES THE OPEN CUTTING OF ASPHALT OR CONCRETE DRIVES IT MUST BE INDICATED ON THE PERMIT DRAWINGS AND PERMISSION FROM THE OWNER(S) OF THE DRIVES MUST BE OBTAINED AND PROVIDED BEFORE A PERMIT REQUIRING THE OPEN-CUTTING OF PAVED DRIVEWAYS WILL BE CONSIDERED FOR APPROVAL.

THIS REQUIREMENT ALSO INCLUDES THE REPAIR OF DITCHES AND RESTORING SHOULDERS DAMAGED DURING CONSTRUCTION.

6. CONTRACTOR MUST COMPLY WITH THE POLICIES IN PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES "MUTCD".

10. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH PART 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES(MUTCD) CURRENT EDITION.

13. THIS PERMIT DOES NOT APPROVE ANY REQUIRED UTILITY RELOCATIONS ASSOCIATED WITH THE WORK SHOWN, A SEPARATE UTILITY PERMIT WILL BE REQUIRED.

7. ALL STRIPING WITHIN AL-53 / US-231 RIGHT OF WAY SHALL BE THERMOPLASTIC PER ALDOT AND MUTCD STANDARDS.

STANDARD NOTES

AS A PART OF THE PROJECT. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE TEMPORARY REPAIR AND MAINTENANCE OF STREETS AND DRIVEWAYS UNTIL THE PROJECT IS SUBSTANTIALLY COMPLETE.

3. CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR PROVIDING A SITE FREE OF DRAINAGE PROBLEMS. NO PONDING OF WATER ALLOWED WITHIN ALDOT RIGHT-OF-WAY.

CORNER MARKERS, PLANTERS AND CONTENTS, AND LAWNS THAT HAVE BEEN DISTURBED BY THE CONSTRUCTION PROCESS TO THEIR ORIGINAL CONDITION OFF OF ALDOT RIGHT-OF-WAY.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY PORTION OF EXISTING PAVEMENT THAT MAY BE DAMAGED AS A RESULT OF THE WORK. PERMANENT PAVEMENT REPAIR SHALL BE DESIGNATED

4. CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR MAINTAINING A PROPER TRAFFIC CONTROL PLAN FOR PUBLIC SAFETY ADJACENT TO CONSTRUCTION SITE. THE TRAFFIC CONTROL PLAN MUST BE

5. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL CULVERTS, HEADWALLS, FENCES, WALLS, FLOWERING TREES, FRUIT TREES, SIGNS, LIGHT POSTS, UTILITY POLES, STREET MARKERS, MAILBOXES, PROPERTY

9. ALL DISTURBED AREAS WITHIN ALDOT RIGHT-OF-WAY SHALL BE SEEDED AND MULCHED ACCORDING TO ALDOT STANDARDS AND SPECIFICATIONS. A STAND OF GRASS SHALL BE ESTABLISHED PRIOR TO FINAL APPROVAL.

11. CONTRACTOR MUST CONTACT JEFFEREY HEWITT AT THE ONEONTA ALDOT HIGHWAY DEPARTMENT 48 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN THE ALDOT RIGHT-OF-WAY.

14. CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS DURING CONSTRUCTION FOR PROTECTION OF

16. ALL EXISTING ACCESSES AND/OR DRIVEWAYS WITHIN THE PROJECT LIMITS SHALL REMAIN OPEN AND CLEAR THROUGH THE PROJECT. EACH ACCESS AND/OR DRIVEWAY DISTURBED DURING CONSTRUCTION SHALL

12. CONTRACTOR SHALL CONTACT ALDOT PRIOR TO PLACING ANY STRIPING, MARKINGS OR LEGENDS ON ALDOT RIGHT-OF-WAY IF THERE ARE ANY QUESTIONS REGARDING THE STRIPING.

23. THE ON-SITE REPRESENTATIVE(S) WILL HAVE ON HAND, AT ALL TIMES:

IN ACCORDANCE WITH PART 6 OF THE LATEST "MUTCD" EDITION.

8. ALL PAVEMENT MARKERS MUST BE INSTALLED PER MUTCD STANDARDS.

ADJACENT PROPERTIES, ROADWAYS, AND WATERWAYS.

BE RESTORED TO, OR BETTER THAN, EXISTING CONDITION.

- 1. APPROVED PERMIT AND PLANS.
- 2. TRAFFIC CONTROL PLAN. 3. EROSION CONTROL PLAN.

## PROJECT SPECIFIC NOTES

- 1. FLOOD HAZARD RISK, IF ANY, ASSOCIATED WITH THIS PROPERTY MAY BE FOUND IN THE DETAILED DRAINAGE REPORT. THIS INFORMATION HAS BEEN OBTAINED FROM THE FEMA MAPPING SERVICE AND FOR FURTHER INFORMATION SEE THE APPROPRIATE FEMA FLOOD PANEL.
- 2. A SUBSURFACE INVESTIGATION HAS BEEN PERFORMED BY ENVIRONMENTAL INC. INSITE ENGINEERING, LLC ALWAYS RECOMMENDS OBTAINING A GEOTECHNICAL REPORT PRIOR TO CONSTRUCTION FILL COMPACTION REQUIREMENTS, FILL TYPE REQUIREMENTS, PAVEMENT BUILD UPS SHOULD BE DIRECTED AND PROVIDED BY THE GEOTECHNICAL ENGINEER.
- 3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT SUBDIVISION REGULATIONS AND DESIGN STANDARDS OF THE GOVERNING AUTHORITY.
- 4. CONTRACTOR IS RESPONSIBLE FOR BUILDING SITES FREE OF DRAINAGE PROBLEMS DUE TO ANY DEVIATION FROM THE DESIGN PLANS.
- 5. GOVERNING AUTHORITIES ARE NOT RESPONSIBLE FOR ANY DRAINAGE EASEMENT OUTSIDE THE PUBLIC RIGHT-OF-WAY.
- 6. THE GOVERINING AUTHORITY IS NOT, NOR EVER WILL BE RESPONSIBLE FOR MAINTENANCE OF PRIVATE ROADS, EASEMENTS, OR AREAS OFF PUBLIC RIGHTS OF WAY.
- 7. CONTRACTOR SHALL NOTIFY GOVERNING AUTHORITIES A MINIMUM OF 24 HOURS PRIOR TO BEGINNING ANY WORK WITHIN THE RIGHT-OF-WAY OF EXISTING ROADS.
- 8. ALL FEMA. USACE, COUNTY, AND/OR STATE PERMITS SHALL BE IN HAND AND ON SITE DURING THE CONSTRUCTION OF THE PROJECT.
- 9. A SIGNED AND SEALED COPY OF THE PLANS SHALL BE MAINTAINED ON SITE AND MADE READILY AVAILABLE FOR THE DURATION OF THE CONSTRUCTION.
- 10. CONTRACTOR SHALL KEEP A MARKED UP SET OF PLANS SHOWNING ALL CHANGES, DIMENSIONS, ETC. TO PROVIDE TO THE ENGINEER AFTER THE JOB IS COMPLETE AND CAPABLE OF BEING UTILIZED AS AS-BUILT DRAWINGS FOR FUTURE LOCATES.

## **GRADING NOTES**

- 1. EMBANKMENTS WITHIN THE RIGHT-OF-WAY SHALL BE CONSTRUCTED IN MAX. 10" LIFTS AND MIN. 100% COMPACTION (AASHTO T - 180) UNLESS OTHERWISE DIRECTED BY GEOTECHNICAL ENGINEER.
- 2. NO WORK TO BE DONE IN EITHER ALDOT OR COUNTY RIGHT-OF-WAY UNTIL ALL APPROPRIATE PERMITS ARE PROVIDED TO THE CITY.
- 3. CITY ENGINEER TO BE PROVIDED AT LEAST 24 HOURS NOTICE PRIOR TO THE STARTING OF EACH PHASE OF WORK.
- 4. ALL PERMITS/APPROVALS BY ADEM, ALDOT, FEMA, CORPS OF ENGINEERS WILL BE REQUIRED PRIOR TO DISTURBING AREAS UNDER JURISDICTIONS OF SUCH PERMITS.
- 5. THERE SHALL BE NO LAND DISTURBING ACTIVITY UNTIL PROOF OF ADEM NOR COVERAGE IS PROVIDED TO THE CITY AND ADEQUATE EROSION CONTROL MEASURES ARE IN PLACE.
- 6. ELEVATIONS SHOWN ARE FINISHED GRADE. THE CALCULATION OF THE APPROPRIATE SUBGRADE ELEVATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUBGRADE ELEVATIONS SHALL VARY IN ACCORDANCE WITH THE SURFACE TREATMENT CALL FOR ON THESE PLANS (I. E. ASPHALT PAVEMENT, CONCRETE PAVEMENT, SIDEWALK, TOPSOIL, ETC.) AND THE RELATED SECTIONS OR DETAILS.
- 7. CONTRACTOR SHALL TIE PROPOSED PAVING INTO EDGE OF EXISTING PAVING . CONTRACTOR SHALL ADJUST CROSS SECTION AS REQUIRED TO ENSURE SMOOTH PAVEMENT TRANSITIONS AND POSITIVE DRAINAGE. CURB AND GUTTER SHALL BE WORKMANLIKE, SMOOTH, AND ENSURE POSITIVE DRAINAGE.
- 8. ALL CUT AND FILL SIDE SLOPES ARE 3:1 UNLESS NOTED OTHERWISE. UNLESS OTHERWISE DIRECTED BY GEOTECHNICAL ENGINEER.
- 9. CLEARING LIMITS TO BE 5' OUTSIDE OF TOE AND TOP OF SLOPE.
- 10. CONTRACTOR SHALL OVER EXCAVATE ALL PONDS BY ADEQUATE AMOUNT IN ORDER TO ALLOW FOR SEDIMENTATION OF THE WATER ENTERING THE DETENTION FACILITIES.

## **GENERAL NOTES**

- 1. CONTRACTOR SHALL COORDINATE BETWEEN ARCHITECTURAL, MECHANICAL, STRUCTURAL, ELECTRICAL, AND OTHER DRAWINGS. ANY DISCREPANCIES BETWEEN DRAWINGS OF DIFFERENT DISCIPLINES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- 2. UNDERGROUND UTILITY LOCATIONS SHOWN ARE FROM UTILITY COMPANY RECORDS OR FROM LINE LOCATOR MARKS AND ARE SHOWN IN APPROXIMATE MANNER ONLY. CONTRACTOR SHALL FIELD VERIFY THE EXISTENCE, LOCATION, SIZE, AND TYPE OF ANY AND ALL UTILITY LINES PRIOR TO BEGINNING ANY CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES AS A RESULT OF HIS CONSTRUCTION OPERATIONS.
- 3. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION METHODS, SEQUENCES, PROCEDURES, AND JOB SITE SAFETY. THE CONTRACTOR SHALL TAKE ALL MEANS NECESSARY TO MAINTAIN AND PROTECT THE INTEGRITY OF ALL CONSTRUCTION (NEW AND EXISTING) AT ALL STAGES. ENGINEER ASSUMES NO LIABILITY FOR SAFETY ON THE JOB SITE.
- 4. ALL UTILITIES WITHIN ROADWAY SHALL BE BACKFILLED COMPLETELY WITH STONE UNLESS OTHERWISE DIRECTED BY THE GEOTECHINAL ENGINEER OR THE GOVERNING AUTHORITY.
- 5. ALL AREAS WHICH WILL LIE UNDER NEW STRUCTURES, PAVING, CONCRETE, OR WALKWAYS SHALL BE COMPACTED TO 100% STANDARD PROCTOR
- 6. ALL PERMITS, OTHER THAN THOSE LISTED IN THE SPECIFICATIONS, FOR THE DEVELOPMENT OF THESE PLANS ARE THE CONTRACTORS RESPONSIBILITY AND SHOULD BE OBTAINED PRIOR TO DISTURBING ANY AREAS OR BEGINNING ANY CONSTRUCTION.
- 7. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND LEGAL DISPOSAL OF ALL MATERIALS AND DEBRIS NOT ACCEPTABLE TO THE
- 8. CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER CONCURRENT WORK BEING PERFORMED IN THE AREA.
- 9. CONTRACTOR SHALL CALL IN LINE LOCATES PRIOR TO BREAKING GROUND.

## **EROSION CONTROL SEQUENCE**

- ALL CONSTRUCTION SHALL BE DONE IN A LOGICAL SEQUENCE SO TO MINIMIZE THE AREA OF DISTURBANCE.
- 1. OBTAIN REQUIRED PERMITS.
- 2. STAKE PROPERTY LINES AND CLEARING LIMITS.
- 3. SELECTIVELY CLEAR PATH AS REQUIRED TO INSTALL SILT FENCING AND PERIMETER EROSION CONTROL MEASURES.
- 4. INSTALL SILT FENCES ALONG SIDE SLOPE BOUNDARIES.
- 5. INSTALL STONE ENTRANCE DRIVE.
- 6. PROTECT STORM DRAIN INLETS DOWNSTREAM OF CONSTRUCTION WITH HAY BALES, WATTLES, SILT FENCE AND/OR OTHER PROTECTIVE MEASURES. 7. INSTALL OTHER REQUIRED EROSION CONTROL MEASURES DOWNSTREAM
- OF PROJECT AREA.
- 8. PERFORM CLEARING AND GRUBBING.
- 9. INSTALL SILT FENCE AROUND STOCKPILES. 10. BEGIN EARTHWORK AND CONSTRUCT PROJECT.
- 11. MODIFY AND MAINTAIN EROSION CONTROL AS REQUIRED DURING
- 12. INSPECT ALL EROSION CONTROL MEASURES AFTER EVERY 0.50" RAINFALL. COPIES OF ALL INSPECTION REPORTS SHALL BE SUBMITTED TO THE

PROPER AUTHORITIES IN ACCORDANCE WITH APPLICABLE PERMITS.

- 13. TEMPORARILY OR PERMANENTLY STABILIZE STRIPPED AREAS AND STOCKPILES LEFT INACTIVE FOR 14 OR MORE CALENDAR DAYS.
- 14. REMOVE ANY SEDIMENT REACHING PUBLIC OR PRIVATE ROADWAYS BY STREET CLEANING BEFORE THE END OF EACH DAY. FLUSHING OF STREETS WILL NOT BE ALLOWED
- 15. INSTALL TEMPORARY SEDIMENTATION PONDS OR DIVERSION BERMS AS NEEDED TO CONTROL THE FLOW OF WATER AND COLLECTION OF SEDIMENT DURING THE PROJECT.
- 16. COMPLETE FINE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
- 17. COMPLETE FINAL PAVING FOR ROADS.
- 18. REMOVE SILT FENCE UPON COMPLETION OF ALL CONSTRUCTION ACTIVITY.
- 19. RESEED AND STABILIZE ANY BARE SPOTS OR WASHOUTS.
- 20. TERMINATE ALL PERMITS.

## EROSION CONTROL PLAN AND PERFORMANCE STANDARDS

- EXISTING SITE CONDITIONS, A DESCRIPTION OF ADJACENT TOPOGRAPHICAL FEATURES, INFORMATION NECESSARY TO DETERMINE THE EROSION QUALITIES OF THE SOIL ON THE SITE, POTENTIAL PROBLEM AREAS OF SOIL EROSION AND SEDIMENTATION, SOIL STABILIZATION SPECIFICATIONS, STORM WATER MANAGEMENT CONSIDERATIONS, PROJECTED TIME SCHEDULE FOR COMMENCEMENT AND COMPLETION OF THE LAND-DISTURBING ACTIVITY, SPECIFICATIONS FOR BMP PLAN MAINTENANCE DURING THE PROJECT AND AFTER THE COMPLETION OF THE PROJECT, CLEARING AND GRADING LIMITS, AND ALL OTHER INFORMATION NEEDED TO DEPICT ACCURATELY THE SOLUTIONS TO POTENTIAL SOIL EROSION AND SEDIMENTATION PROBLEMS TO THE MS4. THE CONTROL PLAN SHALL INCLUDE THE SERIES OF BMP'S AND SHALL BE REVIEWED BY, AND SUBJECT TO THE APPROVAL OF, THE OFFICIAL PRIOR TO THE ISSUANCE OF THE PERMIT
- 2. CONTROL MEASURES SHALL BE MAINTAINED AS AN EFFECTIVE BARRIER TO SEDIMENTATION AND EROSION IN ACCORDANCE WITH THIS PLAN.
- 3. THERE SHALL BE NO DISTINCTLY VISIBLE FLOATING SCUM, OIL OR OTHER MATTER CONTAINED IN THE STORM WATER DISCHARGE. THE STORM WATER DISCHARGE TO AN MS4 MUST NOT CAUSE AN UNNATURAL COLOR (EXCEPT DYES OR OTHER SUBSTANCES DISCHARGED TO AN MS4 FOR THE PURPOSE OF ENVIRONMENTAL STUDIES AND WHICH DO NOT HAVE HARMFUL EFFECT ON THE BODIES OF WATER WITHIN THE MS4) OR ODOR IN THE COMMUNITY WATERS. THE STORM WATER DISCHARGE TO THE MS4 MUST RESULT IN NO MATERIALS IN CONCENTRATIONS SUFFICIENT TO BE HAZARDOUS OR OTHERWISE DETRIMENTAL TO HUMANS, LIVESTOCK, WILDLIFE, PLANT LIFE OR FISH AND AQUATIC LIFE IN THE COMMUNITY WATERS.
- REMOVING ALL EROSION AND SEDIMENT CONTROLS IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES AS SHOWN ON THESE DRAWINGS OR REQUIRED BY LOCAL, STATE, AND/OR FEDERAL REGULATORY AUTHORITIES.
- 4. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THESE DRAWINGS ARE CONSIDERED THE MINIMUM ACCEPTABLE AND LOCAL, STATE, AND/OR FEDERAL REQUIREMENTS.
- 5. EROSION CONTROL MEASURES MUST BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED AND THE NPDES PERMIT IS TERMINATED.
- 6. ALL DISTURBED AREAS NOT SHOWN TO BE LANDSCAPED SHALL BE
- 7. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS RELATING TO THE ONSITE STORAGE OF FUEL, OIL, AND GREASE. AN SPCC PLAN MUST BE MAINTANED AND IMPLEMENTED ON SITE.
- 8. STREAMS SHALL NOT BE USED AS TRANSPORTATION ROUTES FOR HEAVY EQUIPMENT. CROSSINGS SHALL BE LIMITED TO ONE POINT AND EROSION CONTROL MEASURES MUST BE UTILIZED WHERE STREAM BANKS AND DRAINAGE DITCHES ARE DISTURBED.

## 1. THE EROSION CONTROL PLAN SHALL CONTAIN A DESCRIPTION OF THE

## **EROSION CONTROL NOTES**

- 1. ALL EROSION CONTROL PERMITS FOR THE DEVELOPMENT OF THESE PLANS SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO ANY GROUND DISTURBANCE.
- 2. EROSION CONTROL MEASURES ARE TO BE INSTALLED PRIOR TO BEGINNING ANY OTHER CONSTRUCTION ON THE JOB SITE.
- 3. CONTRACTOR IS RESPONSIBLE FOR INSTALLING, MAINTAINING, AND
- SHALL BE MODIFIED IN THE FIELD AS NECESSARY TO COMPLY WITH
- SEEDED & MULCHED AS PER LOCAL STANDARDS AND SPECIFICATIONS.



**ENVIRONMENTAL** 

PLANNING

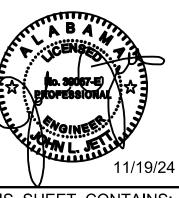
COMMERCIAL

RESIDENTIAL

ENGINEERING HOOVER, ALABAMA 35244

RELEASE SET

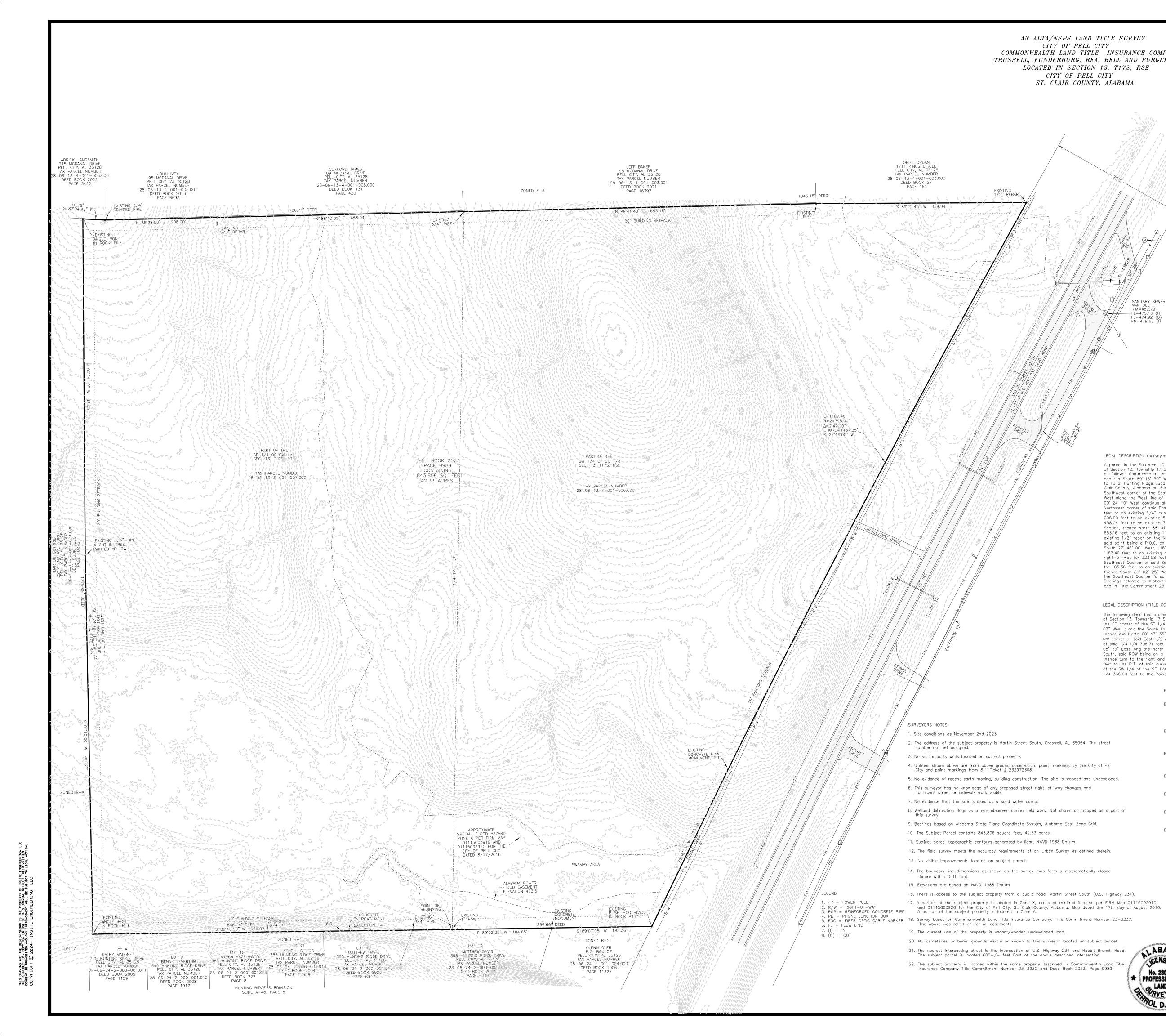
PROJECT INFO INSITE JOB No. 24031.00 PLOTTED: 11/19/24



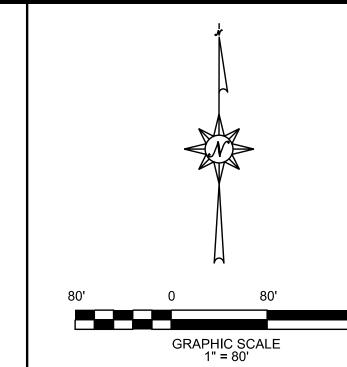
THIS SHEET CONTAINS: GENERAL NOTES

SCALE: NONE

15. ALL WORK WITHIN THE ALDOT RIGHT-OF-WAY MUST COMPLY WITH ALDOT SPECIFICATIONS.



COMMONWEALTH LAND TITLE INSURANCE COMPANY TRUSSELL, FUNDERBURG, REA, BELL AND FURGERSON PC



SURVEYORS CERTIFICATION

This survey is made for the benefit of and certified to: The City of Pell City, Commonwealth Land Title Insurance Company, Trussell, Funderburg, Rea, Bell and Furgerson, P.C..

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 5, 6, 8, 11, 13, 14, 15, and 17 of Table A thereof.

The field work was completed on November 2nd, 2023, being the last day of inspection. Date of Plat or Map: November 10th, 2023.

Derrol D. Luker Registration No. LS 23006 Luker & Co. Land Surveying, Inc. CA-LS-0587 P.O. Box 305 Pell City, AL 35125

LEGAL DESCRIPTION (surveyed)

A parcel in the Southeast Quarter of the Southwest Quarter and in the Southwest Quarter of the Southeast Quarter of Section 13, Township 17 South, Range 3 East in St. Clair County, Alabama and being more particularly described as follows: Commence at the Southeast corner of the Southeast Quarter of the Southwest Quarter of said Section and run South 89' 16' 50" West along the South line of said Quarter-Quarter Section and the North line of Lot 8 to 13 of Hunting Ridge Subdivision, said subdivision being on record in the Office of the Judge of Probate of St. Clair County, Alabama on Slide A—48, Page 6 for 666.07 feet to an existing angle iron in a rock pile at the Southwest corner of the East Half of the Southeast Quarter of the Southwest Quarter, thence North 01° 10' 00" West along the West line of said East Half for 701.27 feet to an existing 3/4" pipe painted yellow, thence North 00° 24° 10" West continue along said West line for 624.51 feet to an existing angle iron in a rock pile at the Northwest corner of said East Half, thence South 87° 04° 45" East along the North line of said East Half for 40.79 feet to an existing 3/4" crimped pipe, thence North 88" 38' 50" East along the North line of said East Half for 208.00 feet to an existing 5/8" rebar, thence North 88" 40' 05" East along the North line of said East Holf for 458.04 feet to an existing 3/4" pipe at the Northwest corner Southwest Quarter of the Southeast Quarter of said Section, thence North 88\* 41' 40" East along the North line of the Southwest Quarter of the Southeast Quarter for 653.16 feet to an existing 1" pipe, thence North 89\* 42' 45" East along said North line for 389.94 feet to an existing 1/2" rebar on the Northwesterly right-of-way of Martin Street South (U.S. Highway 231 250' right-of-way said point being a P.O.C. on a right-of-way curve to the left (Radius = 24,395.00', Delta = 02\* 47' 20", Chord = South 27° 46' 00" West, 1187.35 feet), thence run in a Southwesterly direction along the arc of said curve for 1187.46 feet to an existing concrete right—of—way monument at the P.T., thence South 25° 56' 15" West along said right—of—way for 323.58 feet to an existing bush—hog blade on the South line of the Southwest Quarter of the Southeast Quarter of said Section, thence (leaving right-of-way) run South 89° 07' 05" West along said South line for 185.36 feet to an existing concrete monument at the Northeast corner of Lot 13 of Hunting Ridge Subdivision, thence South 89° 02' 25" West along the North line of said Lot 13 and the South line of the Southwest Quarter of the Southeast Quarter fo said Section for 184.85 feet to the Point of Beginning. The above containing 42.33 acres. Bearings referred to Alabama East Zone Grid. Being the same property as described in Deed Book 2023, Page 9989 and in Title Commitment 23-323C by Commonwealth Land Title Insurance Company dated 8/22/2023.

LEGAL DESCRIPTION (TITLE COMMITMENT)

The following described property situated partly in the SW 1/4 of the SE 1/4 and partly in the SE 1/4 of SW 1/4 of Section 13, Township 17 South, Range 3 East and being more particularly described as follows: Commence at the SE corner of the SE 1/4 of the SW 1/4 of said Section as the Point of Beginning, thence run South  $89^{\circ}$  18'07" West along the South line of said 1/4 1/4 666.04 feet to the SW corner of the East 1/2 of said 1/4 1/4, thence run North 00° 47' 35" West along the West line of said East 1/2 of said 1/4 1/4 for 1325.89 feet to the NW corner of said East 1/2 of said 1/4 1/4 thence North 88' 56' 03" East along the North line of said East 1/2 of said 1/4 1/4 706.71 feet tot he NW corner of the SW 1/4 of the SE 1/4 of said Section, thence run North 89\*  $05^{\circ}$   $33^{\circ}$  East long the North line of said 1/4 1/4 1043.15 feet to the Northwesterly ROW of U.S. Highway No. 231South, said ROW being on a curve to the left having a Radius of 24,395.00 feet and a Delta of 02\* 47' 19", thence turn to the right and run along said curve which has a chord bearing of South 27° 47' 20" West 1187.36 feet to the P.T. of said curve, thence run South 26° 23' 40" West along said ROW 326.57 feet to the South line of the SW 1/4 of the SE 1/4 of said Section, thence run South  $89^{\circ}$   $18^{\circ}$   $07^{\circ}$  West along the South line of said 1/41/4 366.60 feet to the Point of Beginning.

South right-of-way are contiguous.

EXCEPTION 10: The subject property is subject to existing easements for public utilities including but not limited to electrical, gas, water, telephone and sewerage. EXCEPTION 11: The subject property is not subject Right-of-way granted to the State of Alabama recorded in Deed Book 220, Page 84, Deed Book 219, Page 210 and Deed Book 219, Page 214 in the Office of the Judge of Probate of St. Clair County, Alabama as the subject property line and Martin Street

EXCEPTION 12: The subject property is not subject to an easement granted to Coosa Valley Telephone Company recorded in Deed Book 79, Page 105, in the Office of the Judge of Probate of St. Clair County, Alabama and is shown above.

EXCEPTION 13: The subject property is subject to Pole Line permit granted to Alabama Power Company as recorded in Deed Book 80, Page 169 in the Office of the Judge of Probate of St. Clair County, Alabama but is blanket in nature and cannot be explicitly shown above.

EXCEPTION 14: The subject property is subject to an encroachment of a concrete drive, appurtenant to property lying South if insured premises and is shown

EXCEPTION 15: The subject property is subject to Ordinance 2010—3081 rezoning the property to PR as recorded in Deed Book 2011, Page 918 in the Office of the Judge of Probate of St. Clair County, Alabama. EXCEPTION 16: The subject property is subject to right—of—way of upstream and downstream owners to the uninterrupted flow of any creek, streams or branched located on the land.

EXCEPTION 17: The subject property is not subject to the right-of-way of U.S. Highway 231 as the right-of-way and subject property line in contiguous.

AN ALTA/NSPS LAND TITLE SURVEY CITY OF PELL CITY COMMONWEALTH LAND TITLE INSURANCE COMPANY TRUSSELL, FUNDERBURG, REA, BELL AND FURGERSON PC LOCATED IN SECTION 13, T17S, R3E IN THE CITY OF PELL CITY

ST. CLAIR COUNTY, ALABAMA									
DRAWN	DATE 11/10/2023	LUKER AND COMPANY LAND SURVEYING DERROL D. LUKER							
REVISIONS		P.O. BOX 305 PELL CITY, AL 35125 (205) 338-2425							
	lukerandco	@amail.com							

ENGINEERING 5800 FELDSPAR WAY

> CIVIL / GIS **INFRASTRUCTURE** ENVIRONMENTAL PLANNING COMMERCIAL RESIDENTIAL

HOOVER, ALABAMA 35244 OFFICE (205) 733-9696 www.insiteengineering.org

**RELEASE** SET

INSITE JOB No. 24031.00

PLOTTED: 11/19/24

THIS SHEET CONTAINS: **EXISTING SURVEY** 

SCALE: 1"= 80'

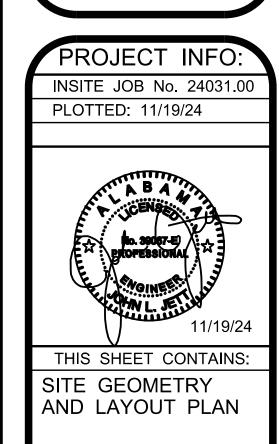


INFRASTRUCTURE ENVIRONMENTAL

PLANNING COMMERCIAL RESIDENTIAL

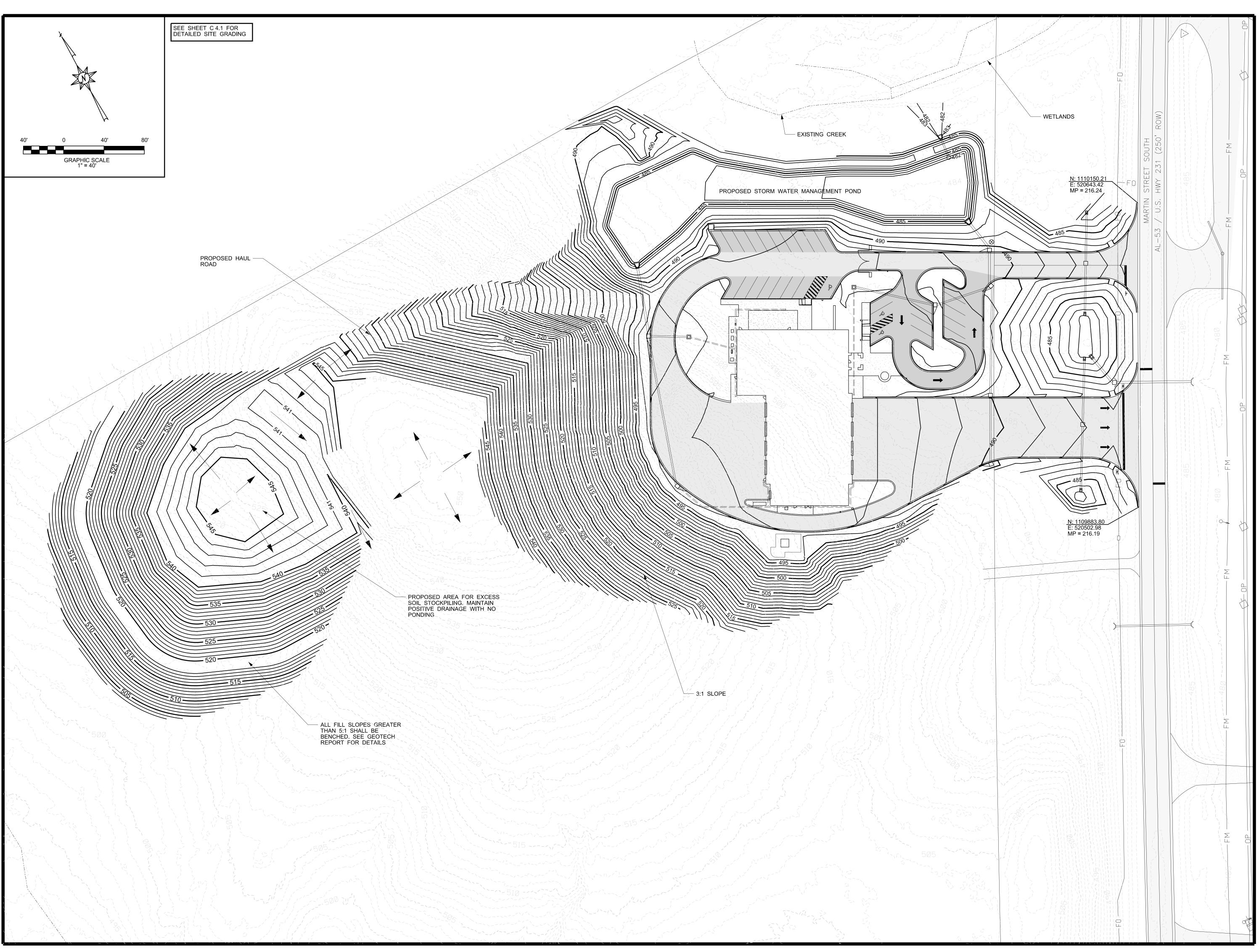
## CITY OF PELL CITY FIRE STATION #2

BID RELEASE SET



SCALE: 1"= 20'

C 3.0





## CITY OF PELL CITY FIRE STATION #2

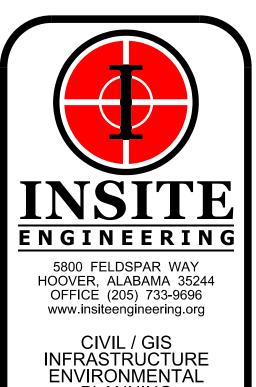
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PROJECT INFO:
INSITE JOB No. 24031.00
PLOTTED: 11/19/24

THIS SHEET CONTAINS:
SITE GRADING
PLAN

SCALE: 1"= 40'

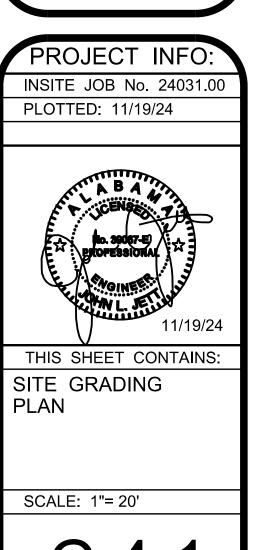
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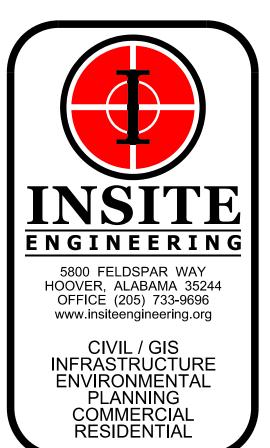
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## CITY OF PELL CITY FIRE STATION #2

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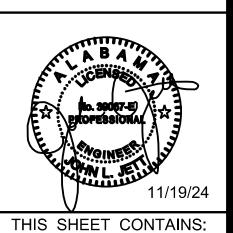
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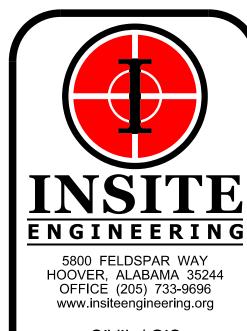
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PLOTTED: 11/19/24



THIS SHEET CONTAINS:

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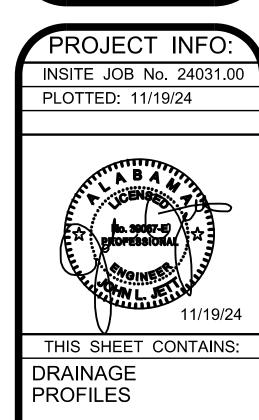
C5.0



## 5800 FELDSPAR WAY HOOVER, ALABAMA 35244 OFFICE (205) 733-9696 www.insiteengineering.org CIVIL / GIS INFRASTRUCTURE ENVIRONMENTAL PLANNING COMMERCIAL RESIDENTIAL

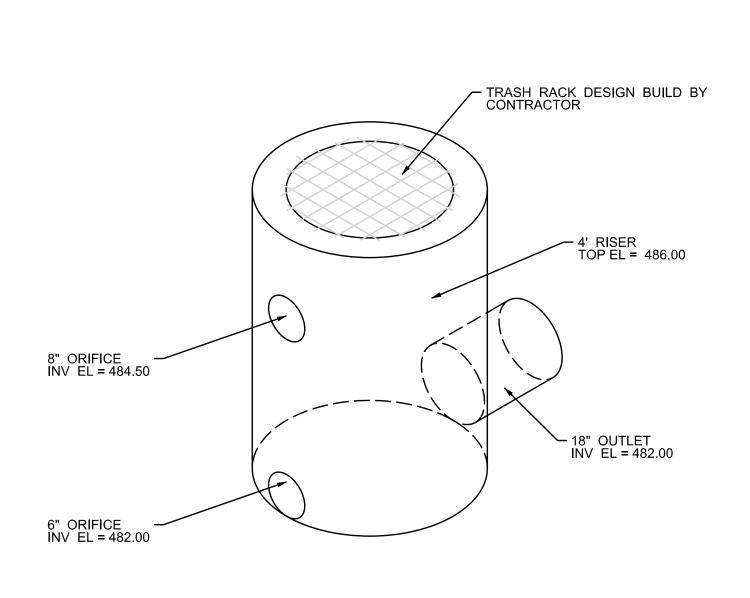
## CITY OF PELL CITY FIRE STATION #2

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SCALE: AS NOTED

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BOTTOM OF POND 482.00

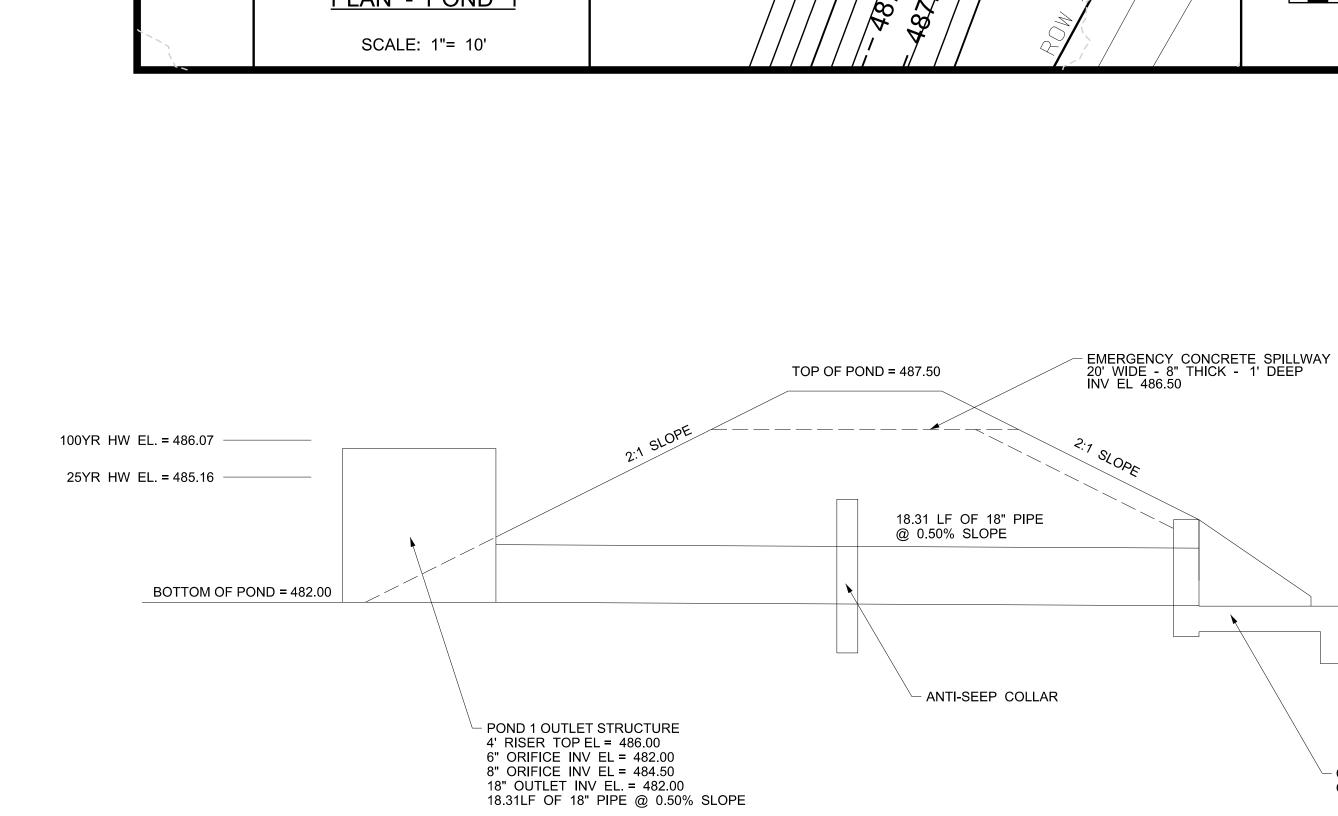
100 YEAR HIGH WATER EL - 486.07

25 YEAR HIGH WATER EL - 485.16 ----

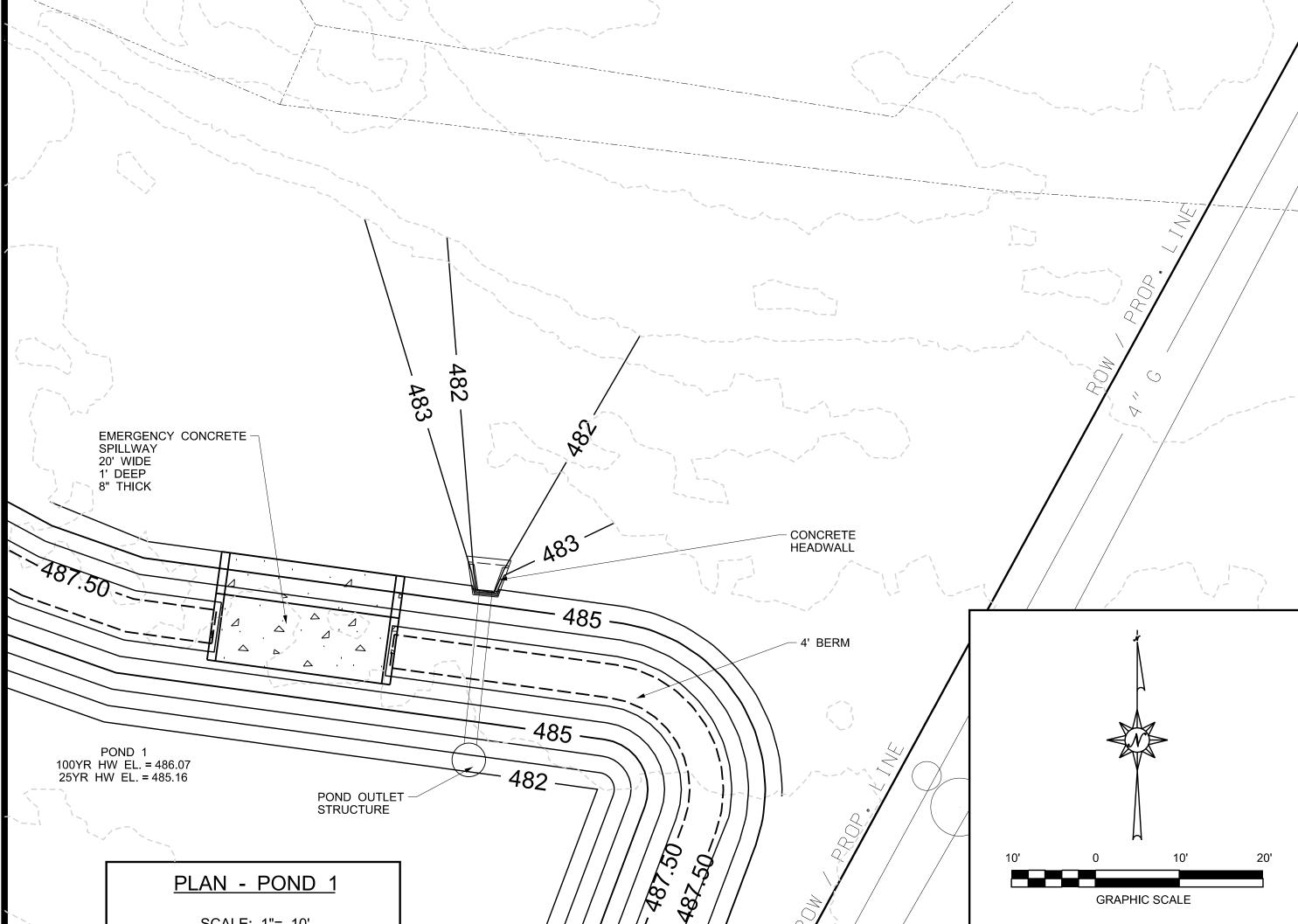
TOP OF STRUCTURE 486.00

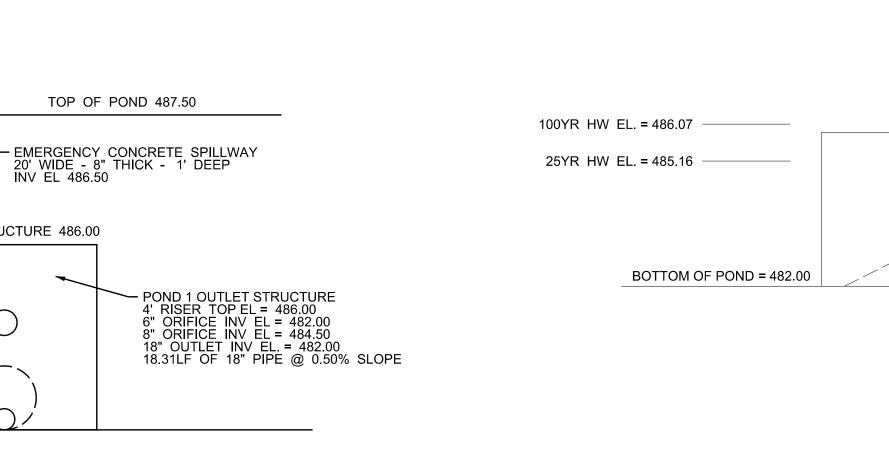
DETAIL - POND 1 OUTLET STRUCTURE

NOT TO SCALE



DETAIL - POND 1 OUTLET STRUCTURE NOT TO SCALE



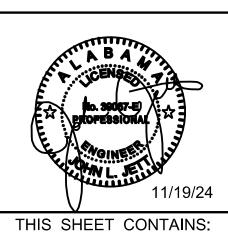


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RELEASE SET

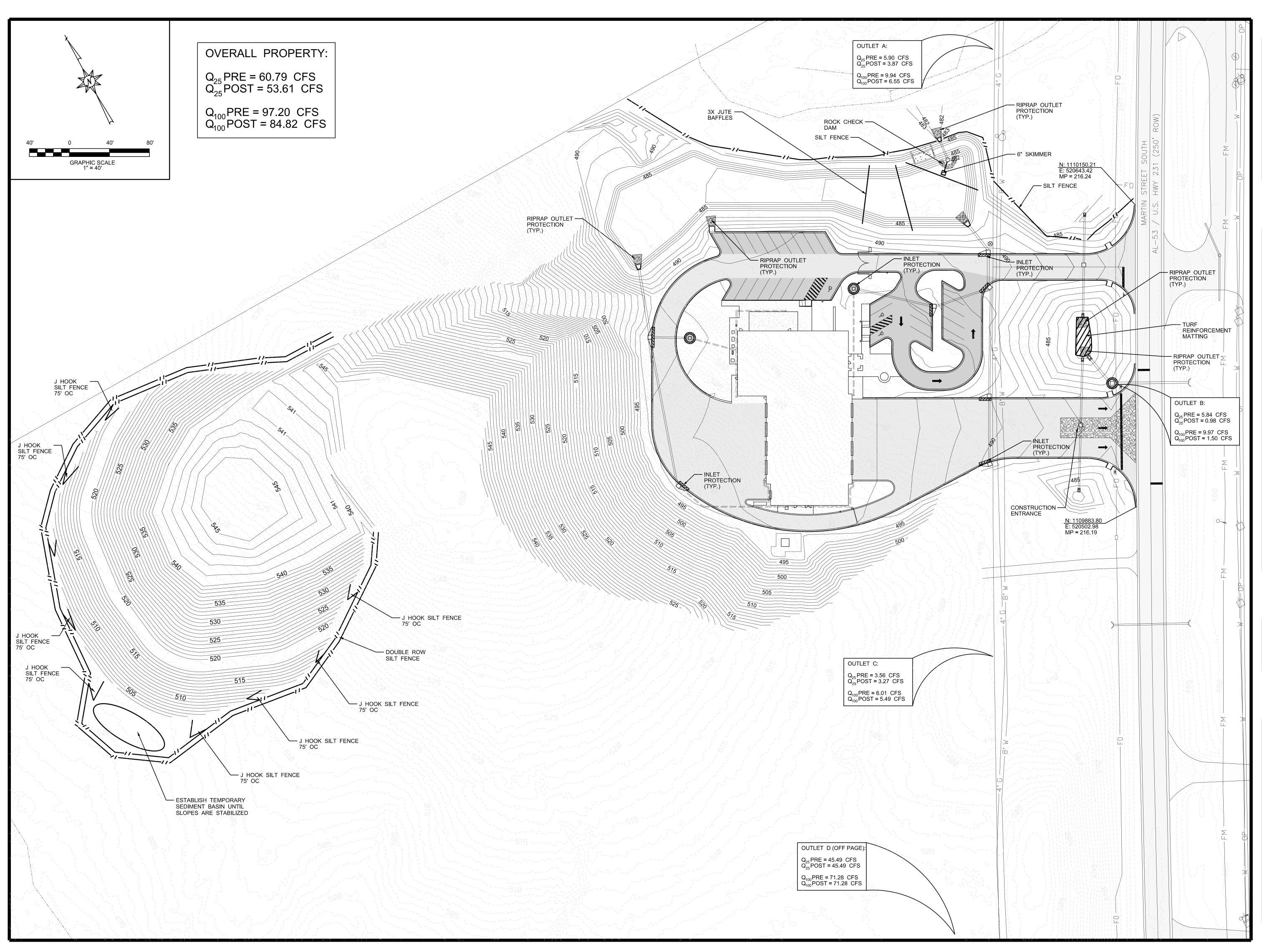
PROJECT INFO INSITE JOB No. 24031.00 PLOTTED: 11/19/24



POND OUTLET PLAN AND DETAILS

CONCRETE HEADWALL
OUTLET INV = 481.91

SCALE: AS NOTED



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## CITY OF PELL CIT FIRE STATION #2

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PROJECT INFO:
INSITE JOB No. 24031.00
PLOTTED: 11/19/24

B A

B A

INSITE JOB No. 24031.00
PLOTTED: 11/19/24

THIS SHEET CONTAINS:
EROSION CONTROL
PLAN

SCALE: 1"= 40'

C 6.0



CIVIL / GIS

INFRASTRUCTURE ENVIRONMENTAL

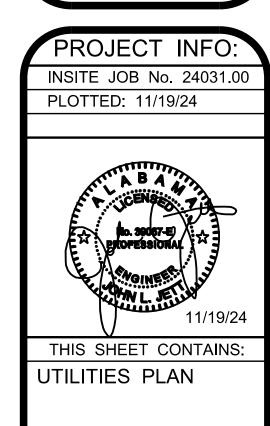
PLANNING

COMMERCIAL

RESIDENTIAL

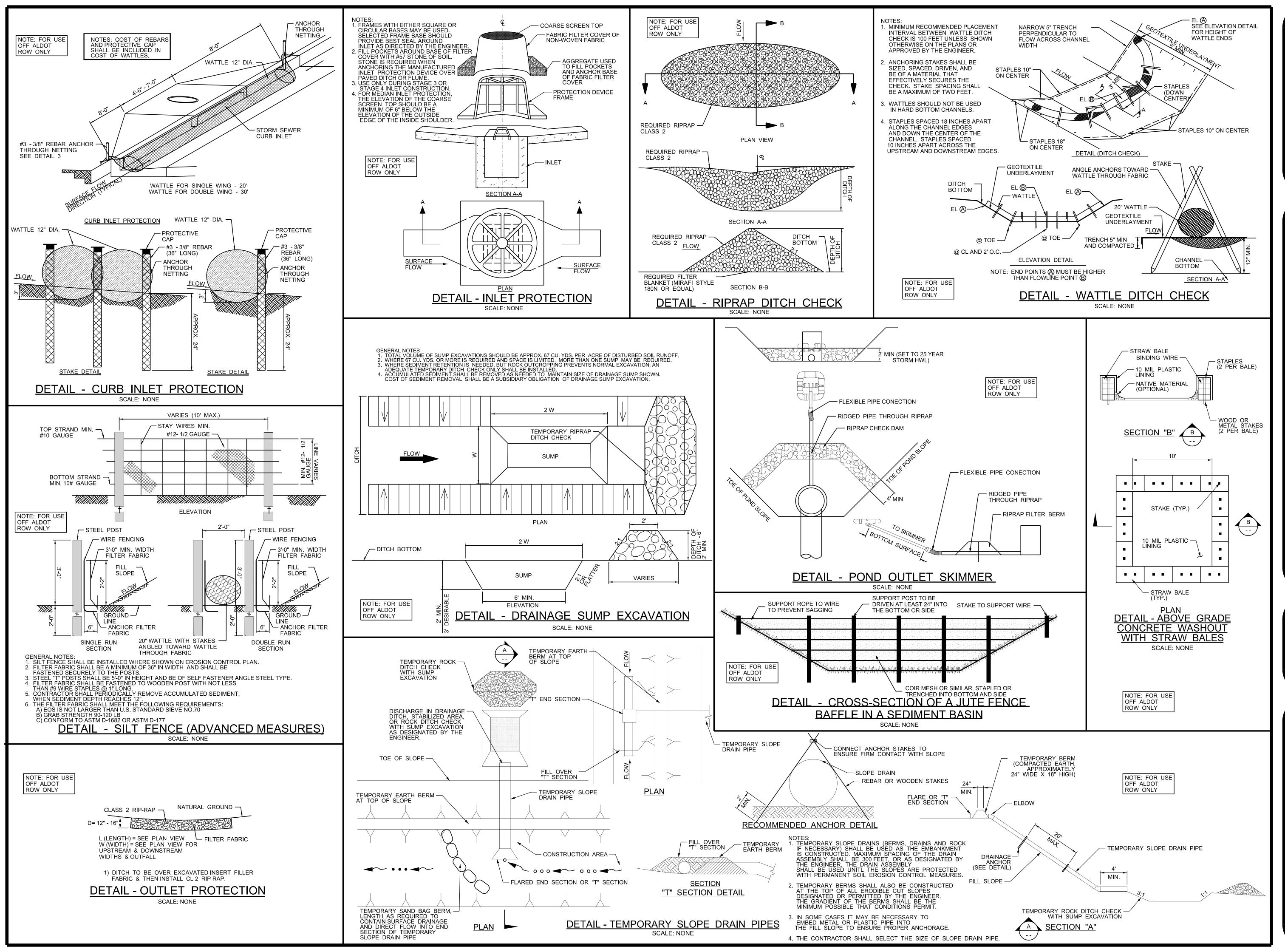
## CITY OF PELL CITY STATION #2

BID RELEASE SET



SCALE: 1"= 30'

C7.0



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CIVIL / GIS
INFRASTRUCTURE

**ENVIRONMENTAL** 

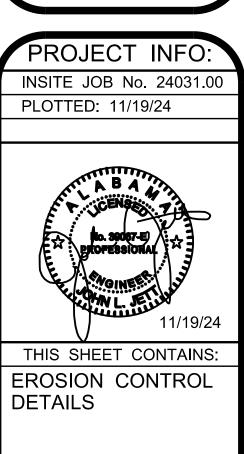
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COMMERCIAL

RESIDENTIAL

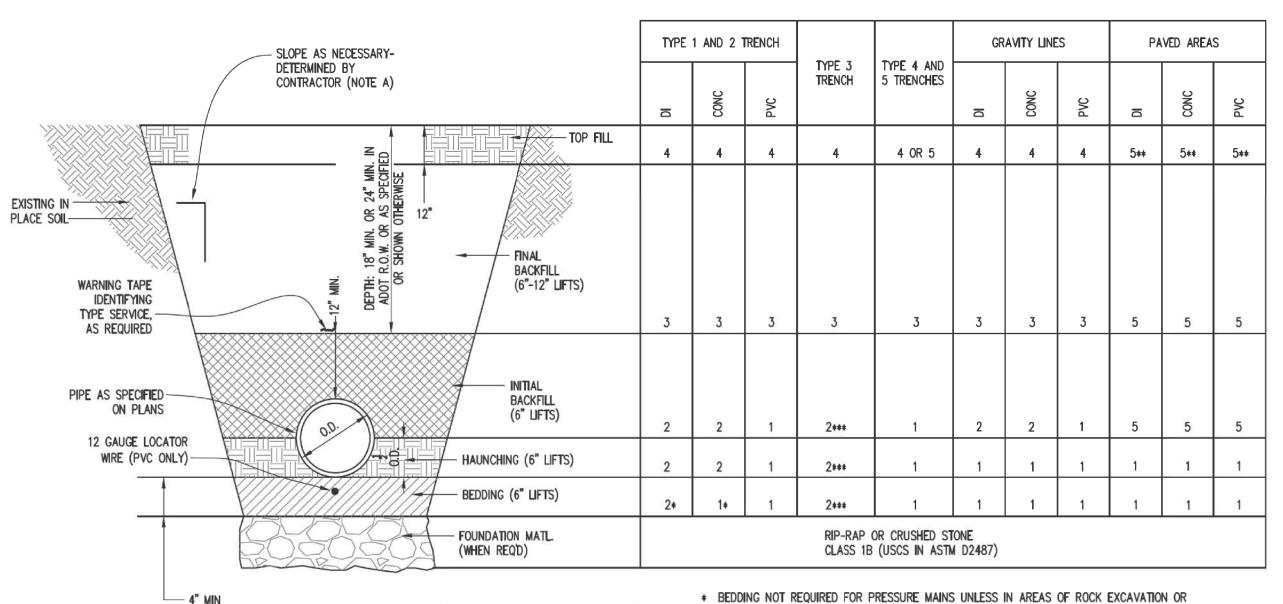
## TY OF PELL CITY INE STATION #2

BID RELEASE SET



SCALE: NONE

C 8.



NOTE: IN AREAS WHERE ROCK IS

ENCOUNTERED, 12" MIN. CRUSHED

STONE IS REQUIRED UNDER ALL

TYPES/KINDS OF PIPE

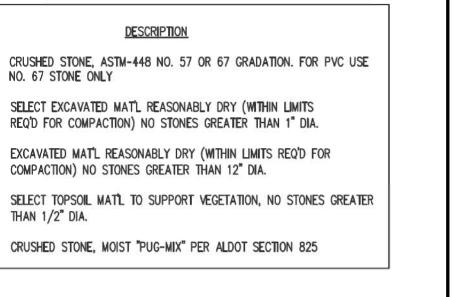
UNSUITABLE SOIL; BELL HOLES REQ'D FOR PIPES GREATER THAN 4" DIA.

\*\* TEMPORARY PUG-MIX BACKFILL REQ'D UNTIL PAVEMENT PLACEMENT IS COMPLETE. \*\*\* PIPE BEDDED IN 6-INCH MINIMUM LOOSE SOIL UNDER THE PIPE. BACKFILL CONSOLIDATED TO TOP OF PIPE. ALL BACKFILL IS NATIVE MATERIAL FREE OF 1" & LARGER ROCKS AND FOREIGN MATERIAL (APPROXIMATELY 80% STANDARD PROCTOR, AASHTO T-99). WHEN ROCK IS ENCOUNTERED USE 12" STONE UNDER PIPE. BELL HOLE MUST BE EXCAVATED FOR EACH JOINT OF PIPE.

BEDDING AND BACKFILL FOR TRENCHES DETAIL

SCALE N.T.S.

F. ADDITIONAL AND/OR SPECIAL REQUIREMENTS MAY BE REQUIRED BY THE CITY.



## STANDARD NOTES:

<u>MATERIALS</u>

A. SLOPE, BENCHING, SHORING, ETC. AS DETERMINED AND DESIGNED BY THE CONTRACTOR. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE OSHA REGULATIONS FOR "OPEN TRENCH EXCAVATIONS". ALSO, TO THE EXTENT POSSIBLE, AS DETERMINED BY THE CONTRACTOR, TRENCH WALL SHORING METHODS SHALL BE USED IN PAVED AREAS TO MINIMIZE PAVING REPAIR REQUIREMENTS.

DESCRIPTION

NO. 67 STONE ONLY

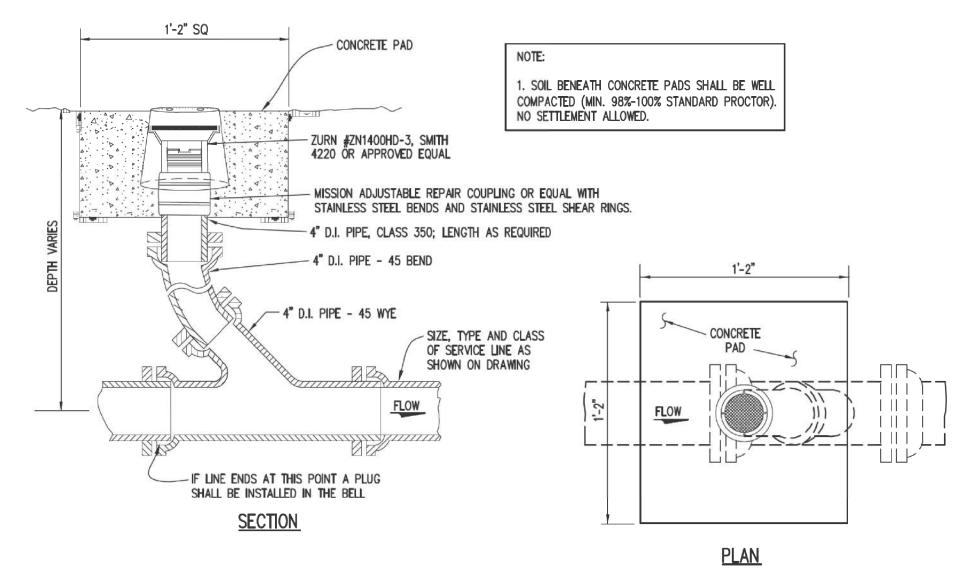
THAN 1/2" DIA.

B. ALL MATERIALS SHALL BE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR DENSITY AT 2%± OPTIMUM MOISTURE CONTENT TO PREVENT SETTLEMENT, UNLESS STATED OTHERWISE. MATERIALS UNDER PAVING, CONCRETE, STRUCTURES, ETC. SHALL BE COMPACTED TO A MINIMUM 98-100% STANDARD PROCTOR DENSITY. MECHANICAL COMPACTION SHALL BE BY VIBRATORY SHEEPSFOOT OR OTHER EQUIPMENT SPECIFICALLY DESIGNED FOR THE COMPACTION OF EARTH. COMPACTION EQUIPMENT SHALL BE ON-SITE PRIOR TO BEGINNING OF WORK. MECHANICAL COMPACTION SHALL BE COMPLETED IN LOOSE LIFTS AS SHOWN ON DETAILS.

C. BEDDING REQUIRED FOR ALL GRAVITY LINES, ALL PVC LINES, AND ALL CONCRETE LINES. BEDDING REQUIRED IN ALL AREAS OF ROCK EXCAVATION OR UNSUITABLE SOILS. BELL HOLES REQUIRED FOR PIPES GREATER THAN 4" DIAMETER.

D. TEMPORARY COMPACTED PUG-MIX BACKFILL REQUIRED UNTIL PAVEMENT PLACEMENT IS COMPLETE. THE CONTRACTOR SHALL CONTINUOUSLY MAINTAIN THIS PUG-MIX TO KEEP IT FLUSH WITH THE ADJACENT PAVING, ETC. UNTIL THE FINAL PAVING IS PLACED. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY ASPHALT OR CONCRETE PATCHES WHEN NEEDED FOR PUBLIC SAFETY AND/OR CONVENIENCE.

E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING AND UTILIZING APPROPRIATE MEANS AND METHODS OF CONSTRUCTION TO ENSURE THAT THE ENTIRE AREAS UNDER THE HAUNCHES OF THE PIPE ARE FILLED WITH THE REQUIRED MATERIALS AND COMPACTED APPROPRIATELY.



DETAIL - SEWER SERVICE CLEANOUT SCALE N.T.S.

NOTE: FOR USE OFF ALDOT ROW ONLY

OFF ALDOT ROW ONLY

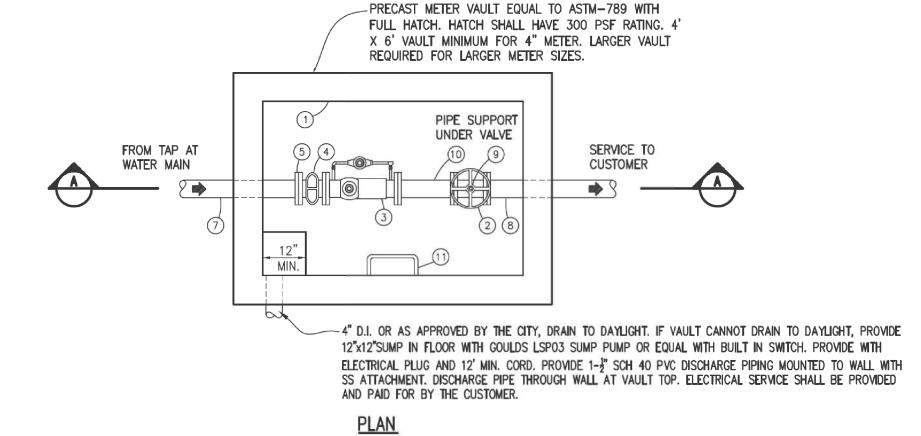
NOTE: FOR USE

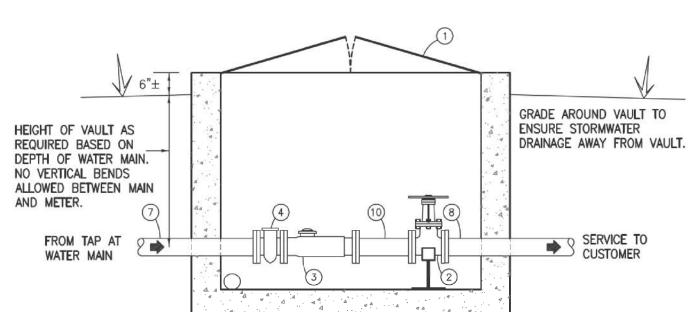
6" FOR 18"Ø AND LARGER PIPE

12" WHEN ROCK IS ENCOUNTERED

NOTE: FOR USE OFF ALDOT

ROW ONLY





## MATERIAL LIST

1) FULL HATCH, 300 PSF RATING RESILIENT SEAT GATE VALVE, FL (3) MASTER METER DUAL BODY COMPOUND METER OR OTHER CITY APPROVED METER (4) MASTER METER BRONZE STRAINER 5) FLANGE ADAPTER, MEGA-FLANGE OR EQUAL (6) 12" MANHOLE STEPS AT 12" O.C. (7) DI PE x PE (8) DI FLG x PE (9) PIPE SUPPORT, B-LINE B3088 STAND AND B3095 SUPPORT (10) DI FLG x FLG, LENGTH SHALL BE A MINIMUM OF FIVE

PIPE DIAMETERS OR PER METER MANUFACTURER

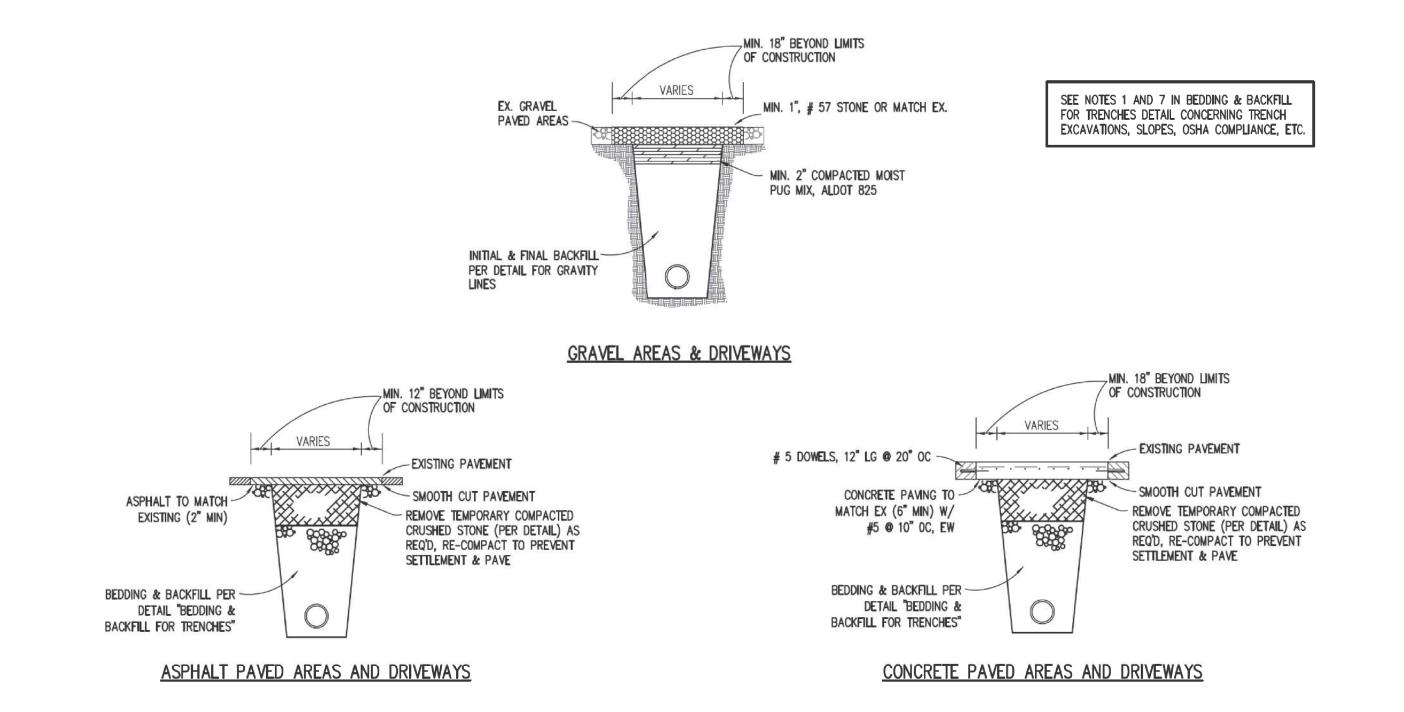
(11) 18" ALUMINUM LADDER W/ TELESCOPING GRAB BARS

SECTION A-A

METER VAULT ASSEMBLY FOR METERS GREATER THAN 2"

SCALE N.T.S.

NOTE: FOR USE OFF ALDOT ROW ONLY



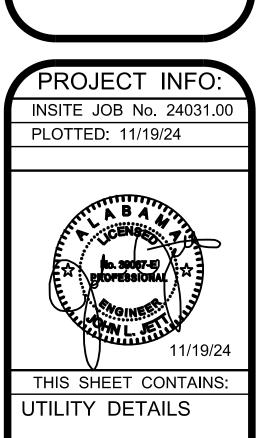
TYPICAL ROAD CROSSING BY OPEN CUT

SCALE N.T.S.

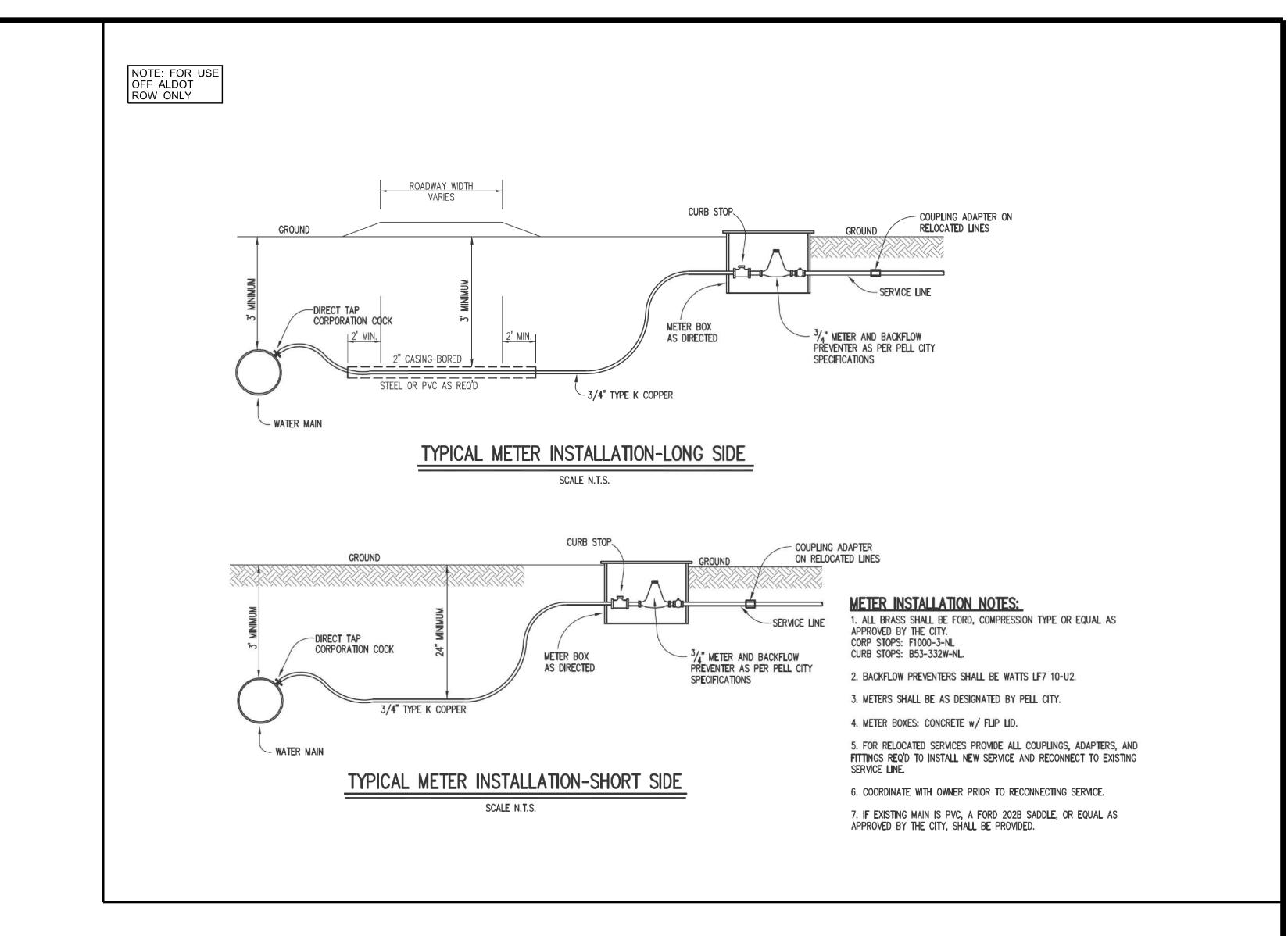
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RELEASE SET



SCALE: NONE





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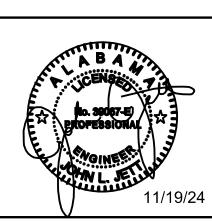
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## CONSTRUCTION PLANS FOR: COPINION PLANS FOR: RESTATION #2

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PROJECT INFO:
INSITE JOB No. 24031.00

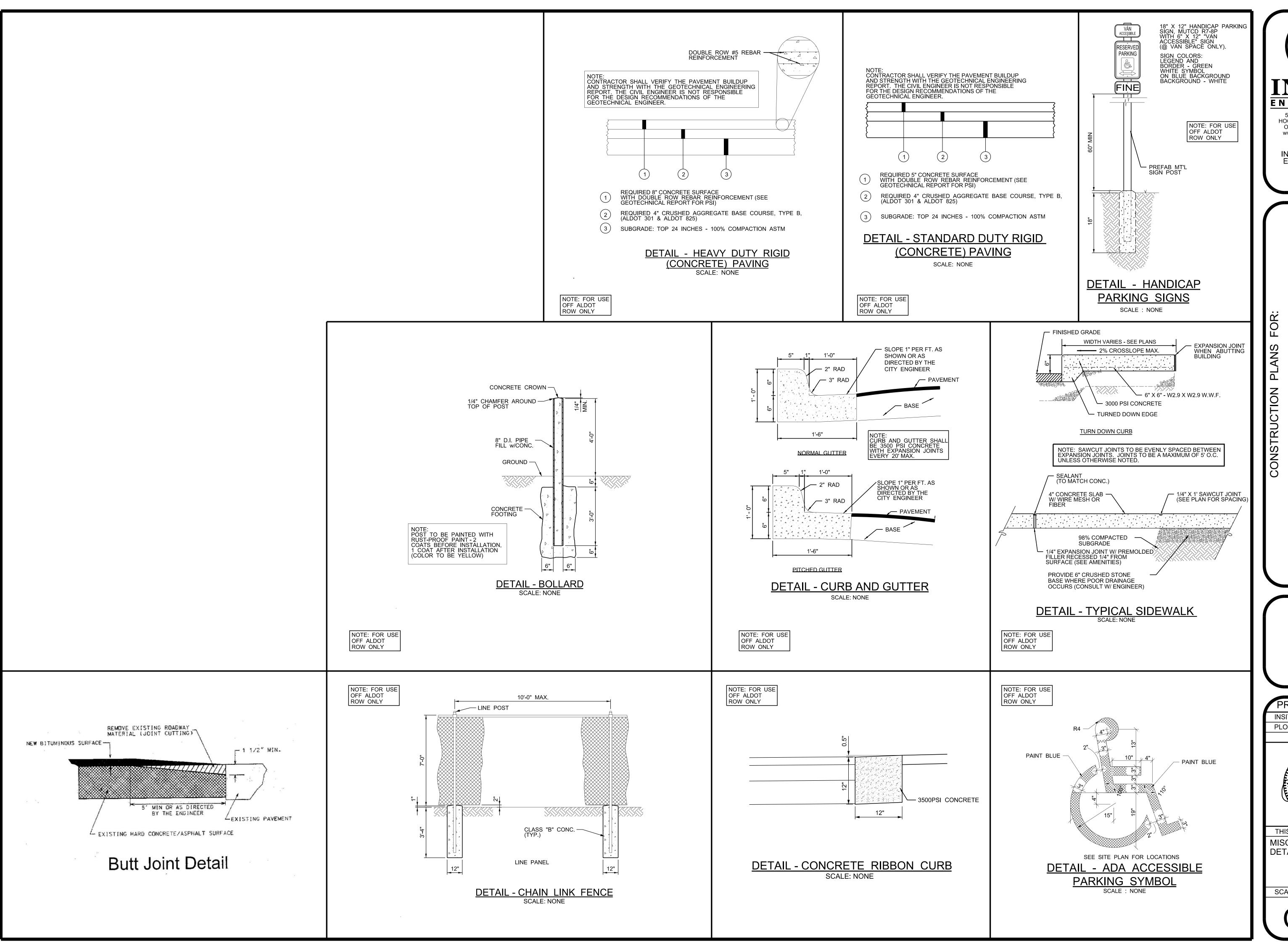
PLOTTED: 11/19/24

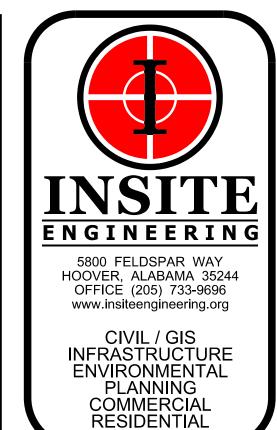


THIS SHEET CONTAINS: UTILITY DETAILS

SCALE: NONE

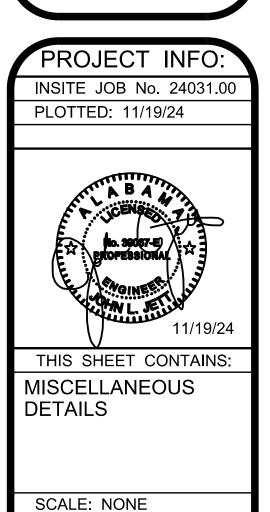
C 8.2



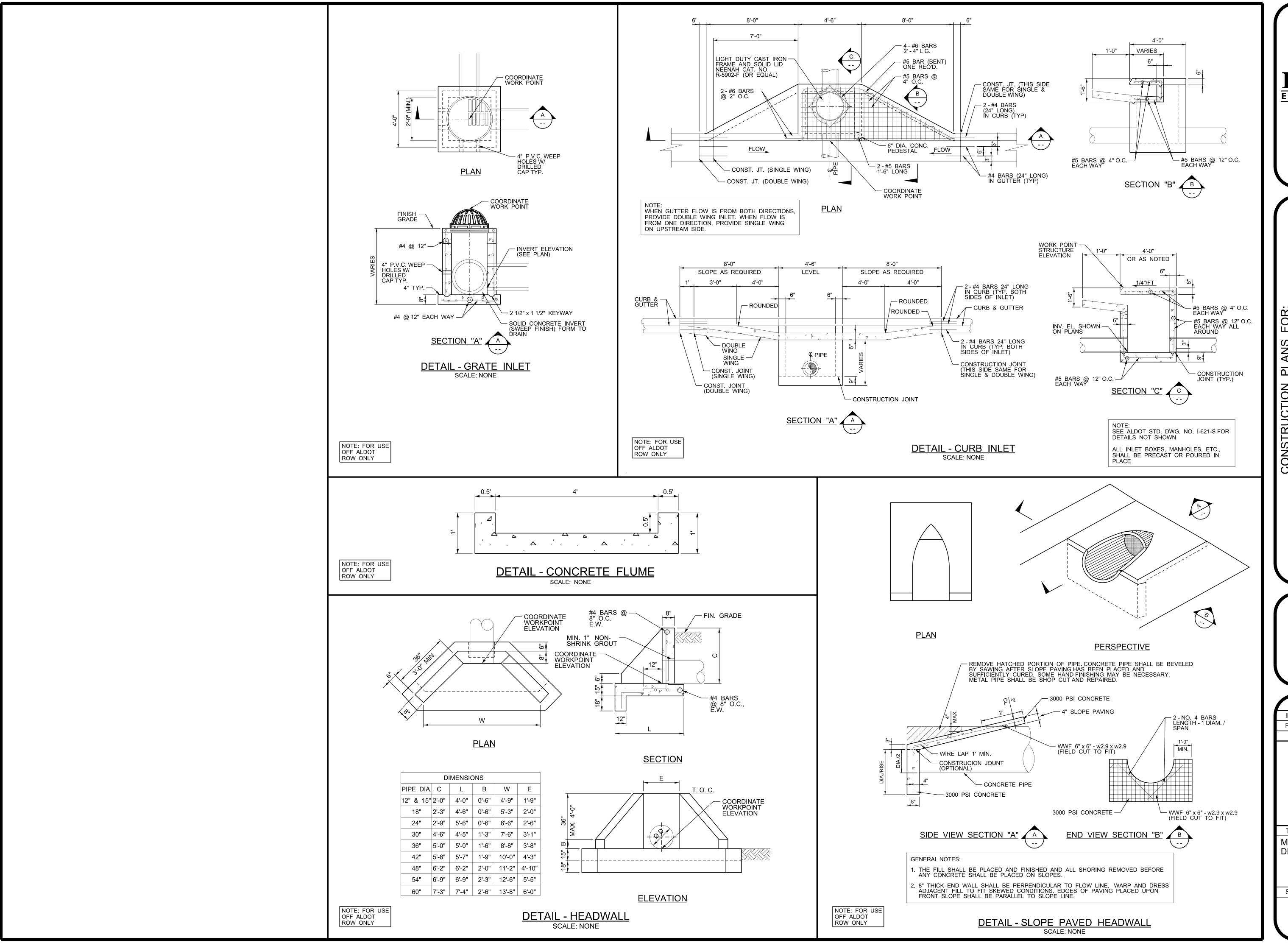


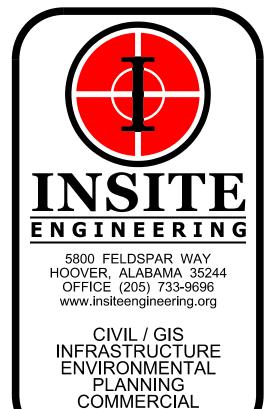
## CITY OF PELL CITY FIRE STATION #2

BID RELEASE SET



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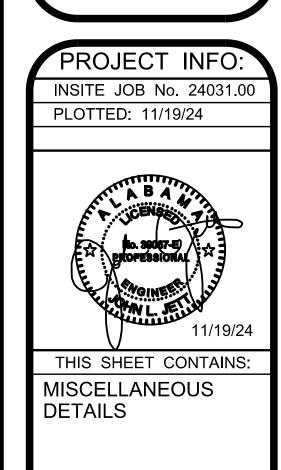




RESIDENTIAL

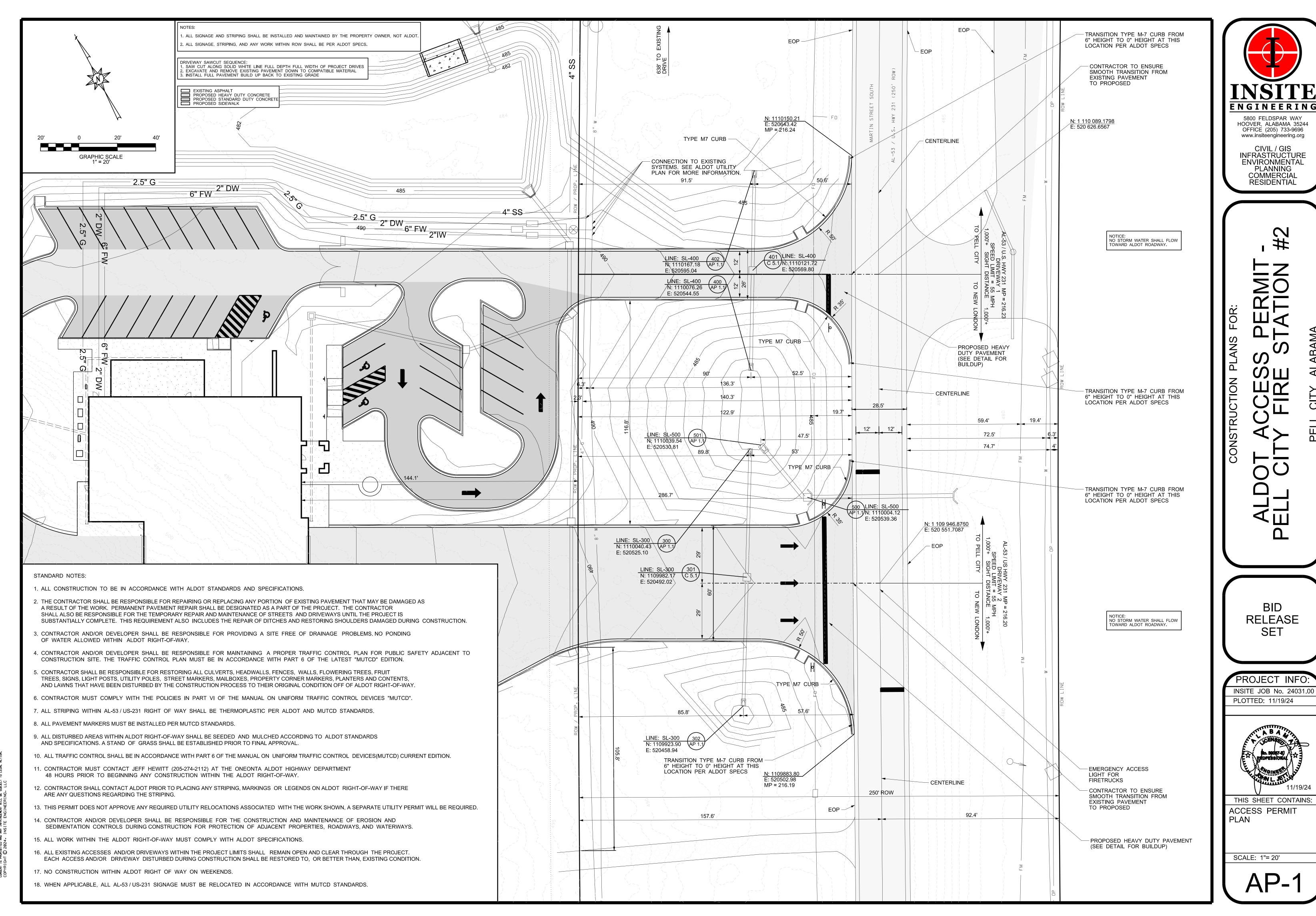
## CITY OF PELL CITY STATION #2

BID RELEASE SET



SCALE: NONE

C 8.4



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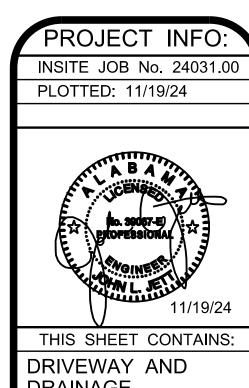
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SET



# ALDOT ACCESS PERMIT PELL CITY FIRE STATION #3

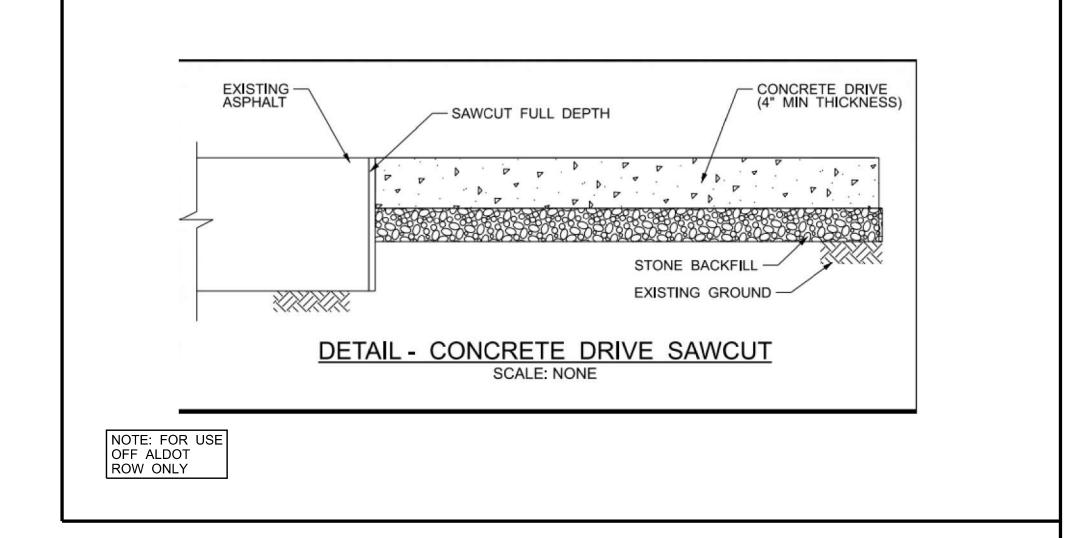
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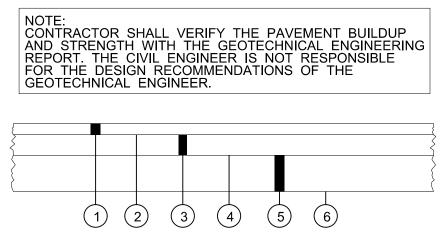


DRIVEWAY AND DRAINAGE PROFILES

SCALE: AS NOTED

AP-2





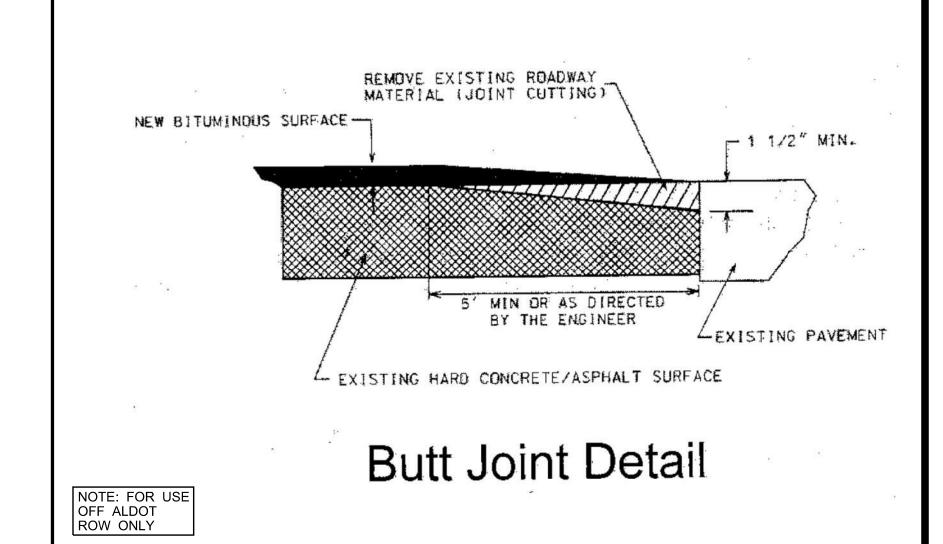
- REQUIRED 1½" IMPROVED BITUMINOUS CONCRETE WEARING SURFACE LAYER, ½" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A, B, AND C (ALDOT SECTION 429)
- REQUIRED TACK COAT (ALDOT 405)
- REQUIRED 2½" IMPROVED BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A, B, AND C (ALDOT SECTION 429)
- REQUIRED BITUMINOUS TREATMENT (PRIME) (ALDOT 401, TYPE A)
- REQUIRED 8" CRUSHED AGGREGATE BASE COURSE, TYPE B (ALDOT 301 & ALDOT 825)
- 6 SUBGRADE: TOP 24 INCHES 100% COMPACTION ASTM

DETAIL - HEAVY DUTY

ASPHALT PAVING

SCALE: NONE

NOTE: FOR USE OFF ALDOT ROW ONLY



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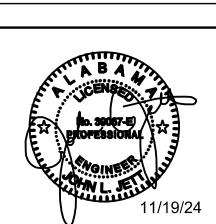
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CESS PERMIT -FIRE STATION #2

BID RELEASE SET

PROJECT INFO:
INSITE JOB No. 24031.00
PLOTTED: 11/19/24



THIS SHEET CONTAINS:
MISCELLANEOUS
DETAILS

SCALE: NONE

AP-3

## TEMPORARY TRAFFIC CONTROL PLAN SHEET

REFERENCE FISCAL | SHEET YEAR PROJECT NO

NO

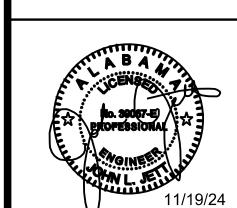
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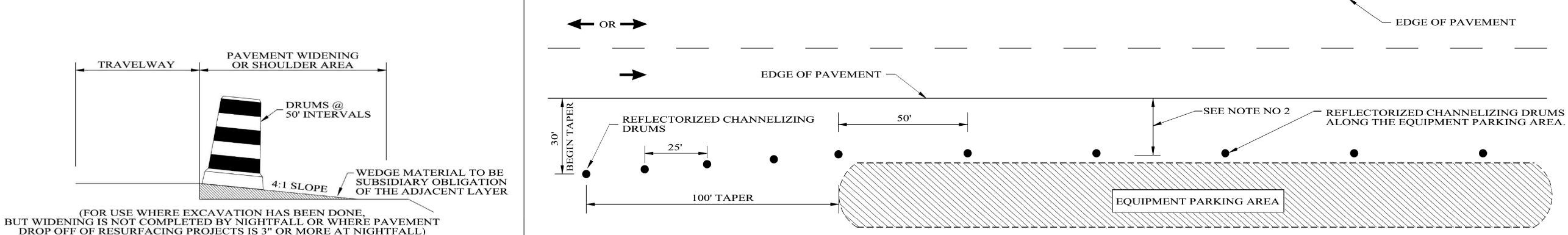
RELEASE SET

PROJECT INFO **INSITE JOB No. 24031.00** PLOTTED: 11/19/24



THIS SHEET CONTAINS TRAFFIC CONTROL DETAILS

SCALE: NONE



## TYPICAL FOR DROP-OFF AT EDGE OF PAVEMENT

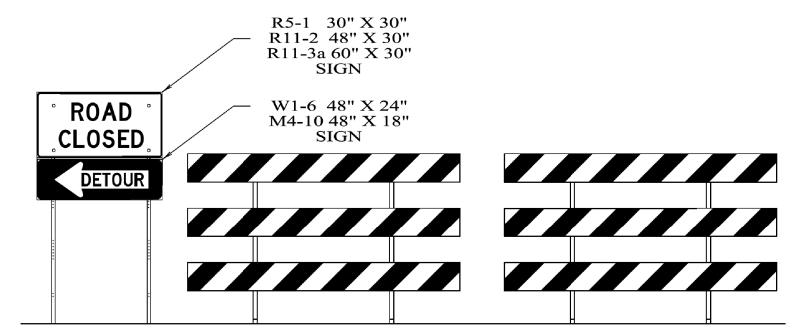
THE CONTRACTOR IS TO CONSTRUCT A WEDGE OF UNCLASSIFIED EXCAVATION OR CRUSHED AGGREGATE BASE. THE COST OF PLACING AND REMOVAL SHALL BE A SUBSIDIARY OBLIGATION OF THE

CHANNELIZING DRUMS SHALL BE PLACED AT 50 FT INTERVALS.

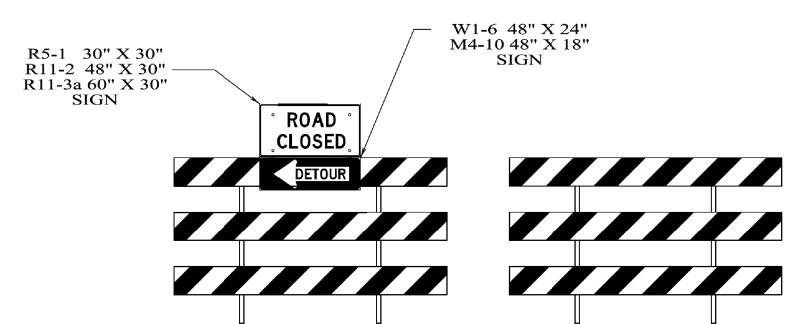
## NOTES:

- 1. SEE ALDOT'S GENERAL TRAFFIC CONTROL PLAN NOTE NO. 702.
- 2. DRUMS TO BE AS FAR AS PRACTICAL FROM EDGE OF PAVEMENT, MINIMUM DESIRABLE DISTANCE IS 15 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.
- ALL DEVICES TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE ALDOT.

## DELINEATING DETAIL FOR EQUIPMENT PARKING OR STORING AREA



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES INSIDE OF CLEAR ZONE



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES OUTSIDE OF CLEAR ZONE

## **NOTES**

- 1. SLOPE OF STRIPES ON BARRICADES SHALL BE IN ACCORDANCE WITH SECTION 6F.68 OF THE MUTCD AND DRAWING B-107-2.
- IF SIGNS ARE REQUIRED TO BE USED IN CONJUNCTION WITH TYPE III BARRICADES TO BE PLACED INSIDE THE CLEAR ZONE, THEY SHALL BE POST MOUNTED TO THE SIDE OF THE BARRICADES AS SHOWN.

	OSED OR DETOUR SIGNS ARE REQUIRED TO BE USED WITH TY OF THE BARRICADES NEAREST THE DETOUR.	PE III BARRICADES TO BE PLACED OUTSIDE THE CLEAR ZONE, THEY SHALL BE PLACED
--	---	---

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DESIGN BUREAU SPECIAL DRAWING Bureau Std Engr: \_\_\_\_D.J.W. DRAWN BY: STANDARD DETAILS FOR DATE DRAWN: \_\_\_\_ REVISED DATE: \_12-8-2021 TRAFFIC CONTROL PLANS

NOT TO SCALE

SPECIAL PROJECT DETAIL

--SPECIFICATIONS--

CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

INDEX NO

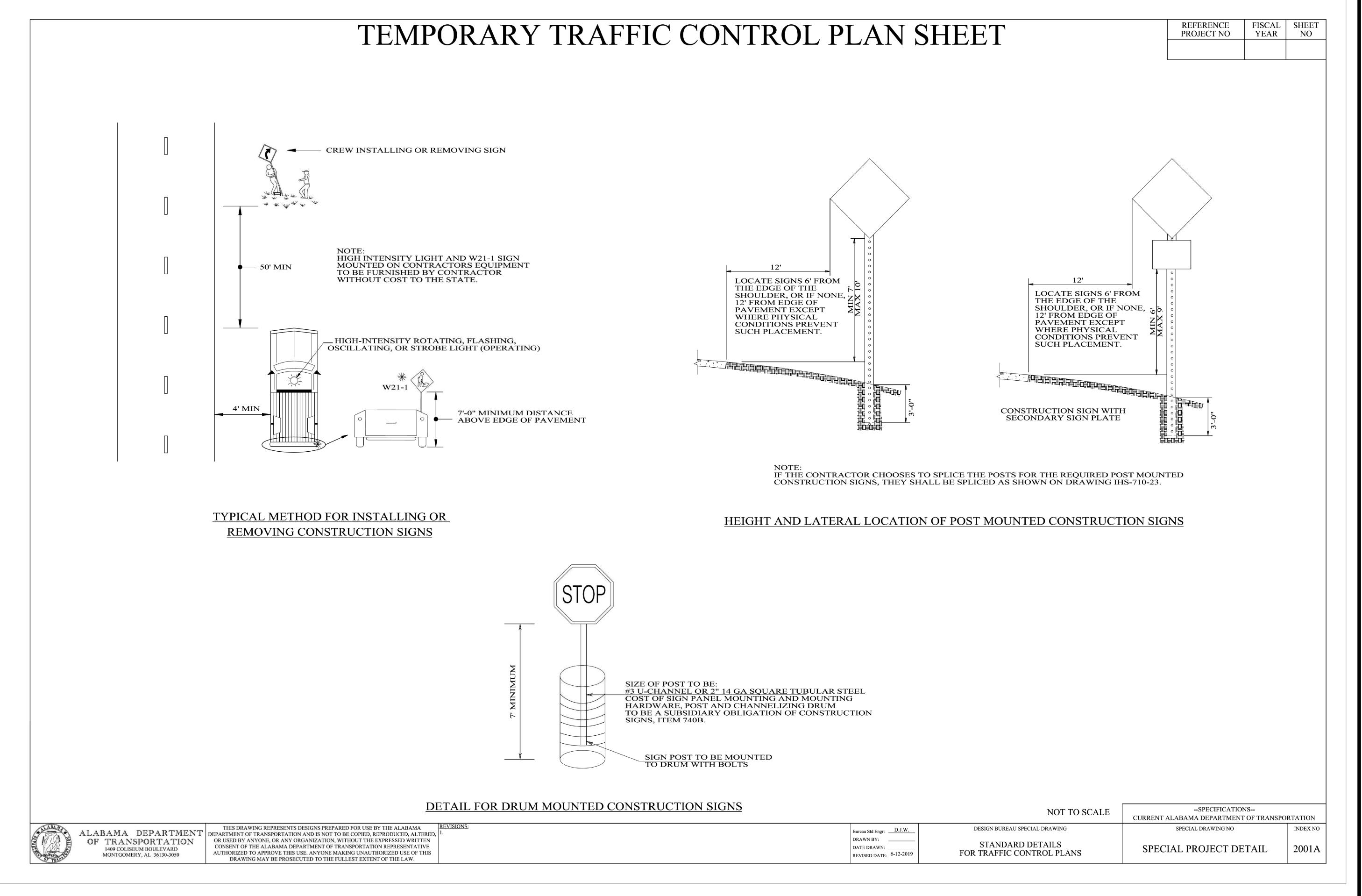
2001

1409 COLISEUM BOULEVARD

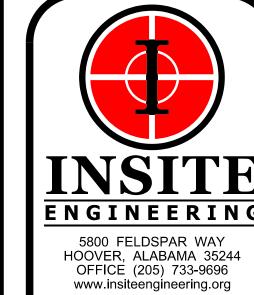
DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

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NOTE: FOR USE WITHIN ALDOT



NOTE: FOR USE WITHIN ALDOT ROW



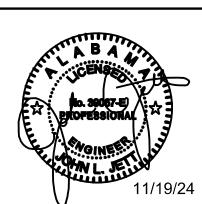
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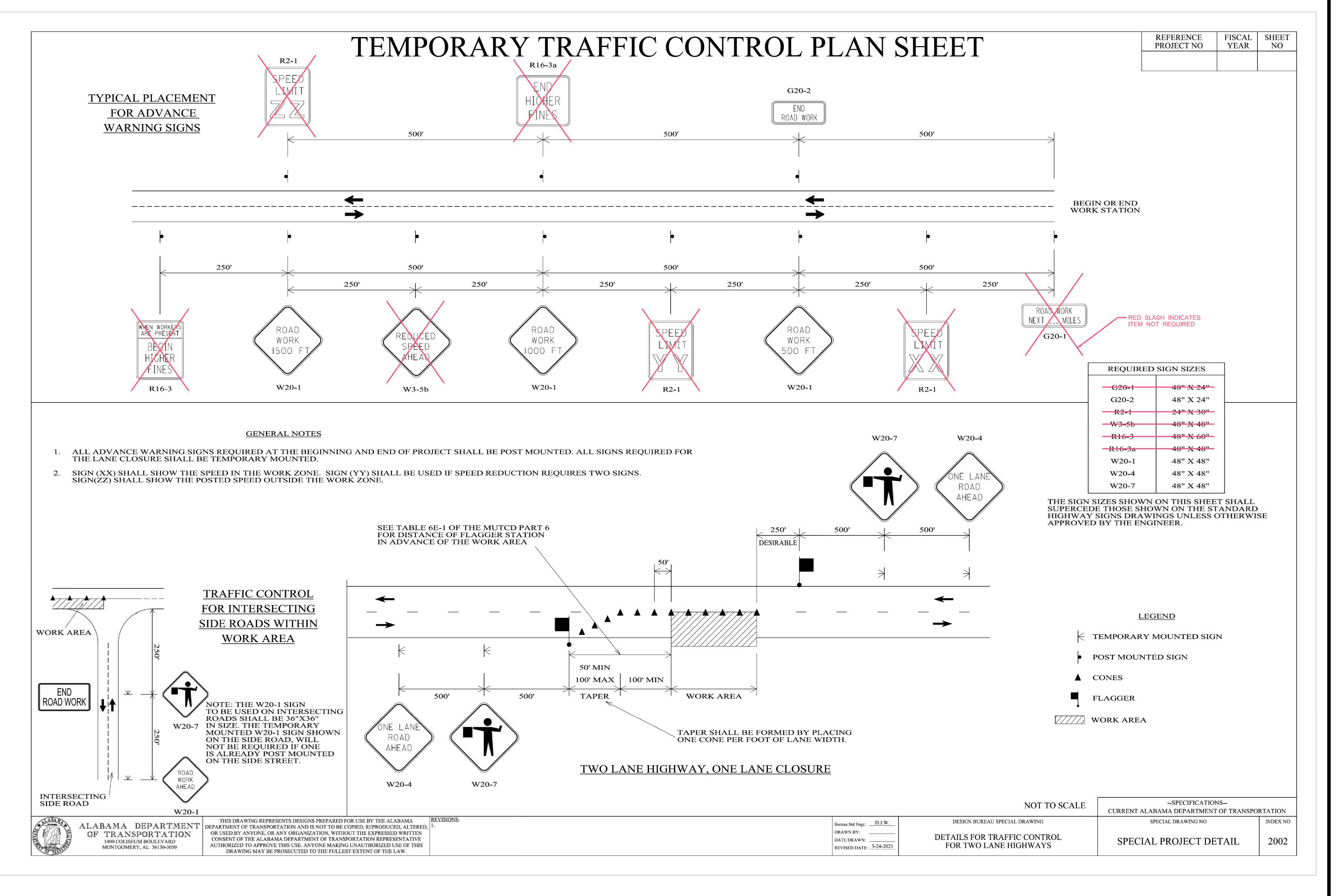
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THIS SHEET CONTAINS:
TRAFFIC CONTROL
DETAILS

SCALE: NONE

AP-5







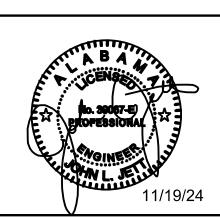
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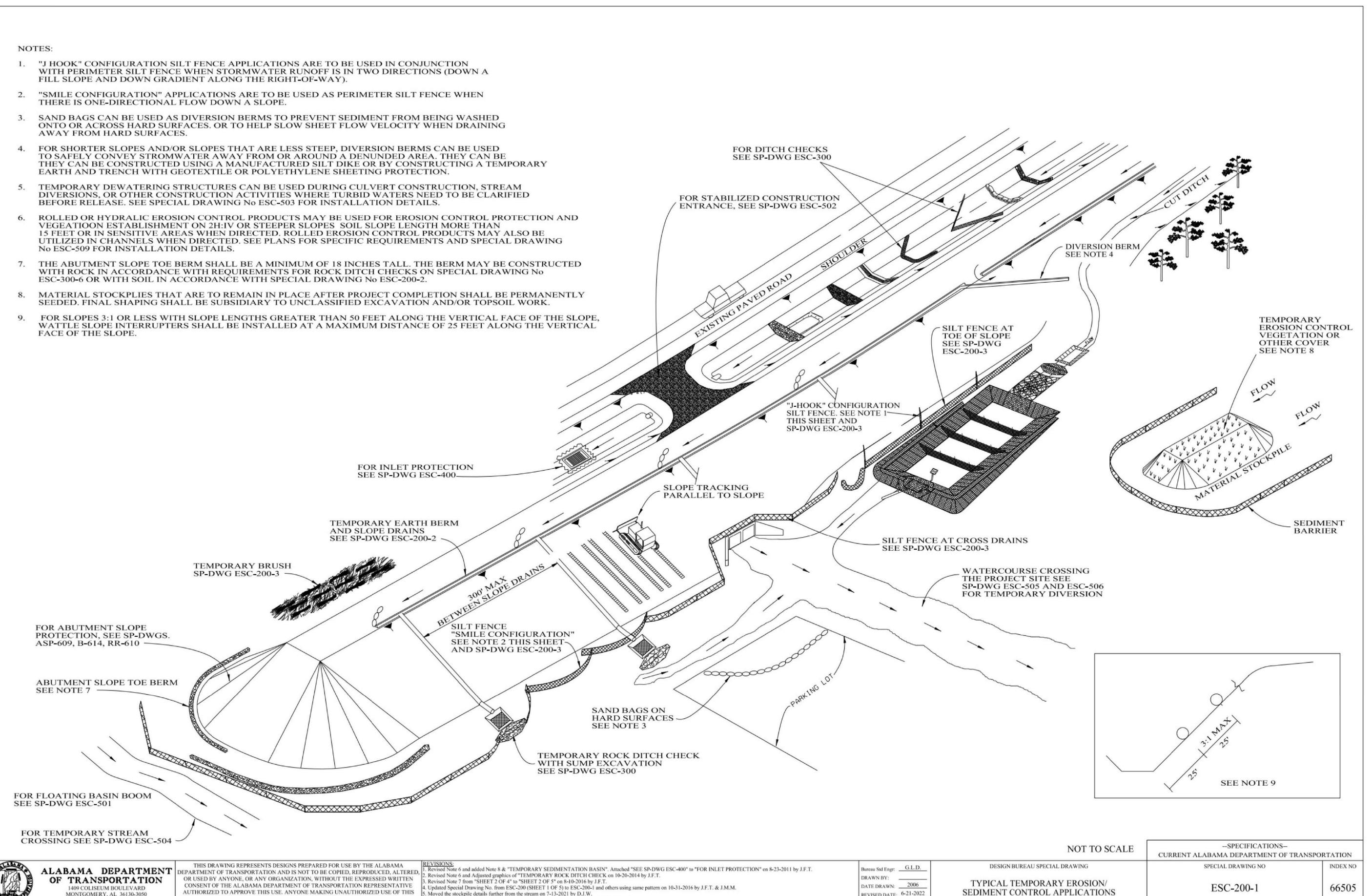
PROJECT INFO:
INSITE JOB No. 24031.00
PLOTTED: 11/19/24



THIS SHEET CONTAINS:
TRAFFIC CONTROL
DETAILS

SCALE: NONE

AP-6



REVISED DATE: 6-21-2022

Moved the stockpile details further from the stream on 7-13-2021 by D.J.W.

. Added Note 9 and detail showing 3:1 max detail in bottom right area on 06-21-2022 by J.F.T.

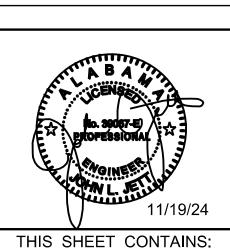


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PROJECT INFO **INSITE JOB No. 24031.00** PLOTTED: 11/19/24



ALDOT DETAILS

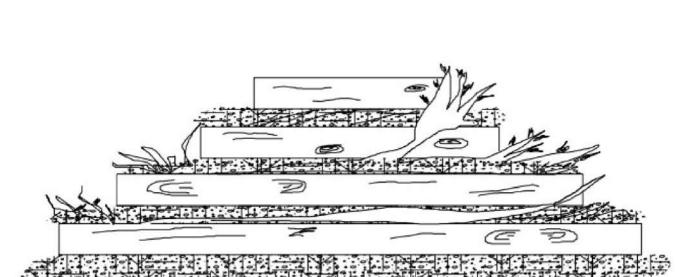
SCALE: NONE

NOTE: FOR USE WITHIN ALDOT ROW

MONTGOMERY, AL 36130-3050

DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

## SEDIMENT BARRIER AT CROSS DRAIN



**REAR ELEVATION** 

## VARIABLE (5' TO 10') - VARIABLE **FABRIC** FILL SLOPE -GROUND LINE

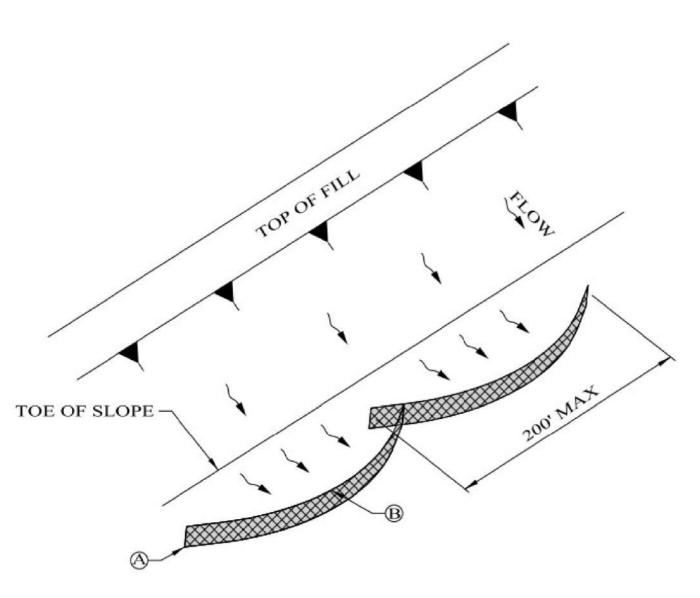
## **SIDE ELEVATION**

## TEMPORARY BRUSH BARRIER

## NOTES:

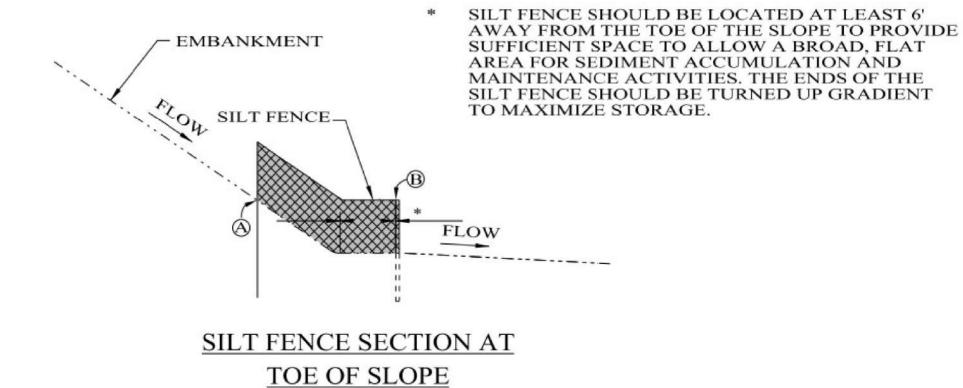
- BRUSH BARRIER MAY BE USED WHERE NATURAL GROUND IS LEVEL OR SLOPING AWAY FROM PROJECT.
- 2. PLACE BRUSH, LOG AND TREE LAPS APPROXIMATELY PARALLEL TO TOE OF FILL SLOPE WITH SOME OF THE HEAVIER MATERIALS BEING PLACED ON TOP TO PROPERLY SECURE THE BARRIER AS DETAILED AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED OR PERMITTED BY THE ENGINEER.
- 3. TO ALLOW WATER TO SEEP THROUGH BRUSH BARRIER, INTERMINGLE THE BRUSH, LOG AND TREE LAPS SO AS NOT TO FORM A SOLID DAM.
- THE BRUSH BARRIER SHALL BE CHOKED WITH FILTER FABRIC.

## ANCHOR AND INSTALL SILT FENCE PER DETAILS SHOWN ON SPECIAL DRAWING No. ESC-200-4.



"SMILE-CONFIGURATION" SILT FENCE **APPLICATION** 

NOTE: EL A = EL B TO MAXIMIZE STORAGE.



"J-HOOK" SILT FENCE **APPLICATION** 

THE ELEVATION AT THE BOTTOM OF THE DISTANT END OF THE J-HOOK" A SHOULD BE THE SAME AS THE LOWEST POINT ALONG THE TOP OF SILT FENCE (B).

- 20" WATTLE USED TO RELEASE WATER IF NECESSARY

OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050

TOE OF SLOPE

ANGLE AND LENGTH OF -"J-HOOK" WILL VARY

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REVISIONS:
1. Revised "SIDE ELEVATION" to show Geotextile Filter and Underlayment. Edited and repositioned text on 9-24-2012 by J.F.T. 2. Updated Special Drawing No. from ESC-200 (SHEET 3 OF 5) to ESC-200-3 on 10-31-2016 by J.F.T. & J.M.M.
3. Changed "fill" to "slope" in several callouts, removed "Type A" designation for silt fence, and added 6' distance to \* note on 8-11-2020 by D.J.W.

Bureau Std Engr: D.J.W. DRAWN BY: DATE DRAWN: 2006 REVISED DATE: 8-11-2020

DESIGN BUREAU SPECIAL DRAWING DETAILS OF SEDIMENT BARRIER APPLICATIONS

NOT TO SCALE

--SPECIFICATIONS-CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION SPECIAL DRAWING NO INDEX NO

66507 ESC-200-3

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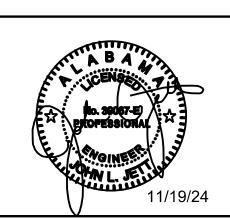


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PROJECT INFO INSITE JOB No. 24031.00 PLOTTED: 11/19/24



THIS SHEET CONTAINS: ALDOT DETAILS

SCALE: NONE



NOTE: FOR USE

WITHIN ALDOT

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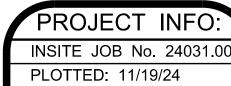
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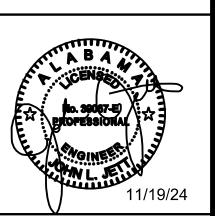
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SCALE: NONE

AP-9

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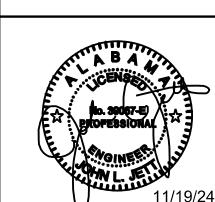
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PROJECT INFO **INSITE JOB No. 24031.00** 

PLOTTED: 11/19/24



THIS SHEET CONTAINS: ALDOT DETAILS

SCALE: NONE

--SPECIFICATIONS-

CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

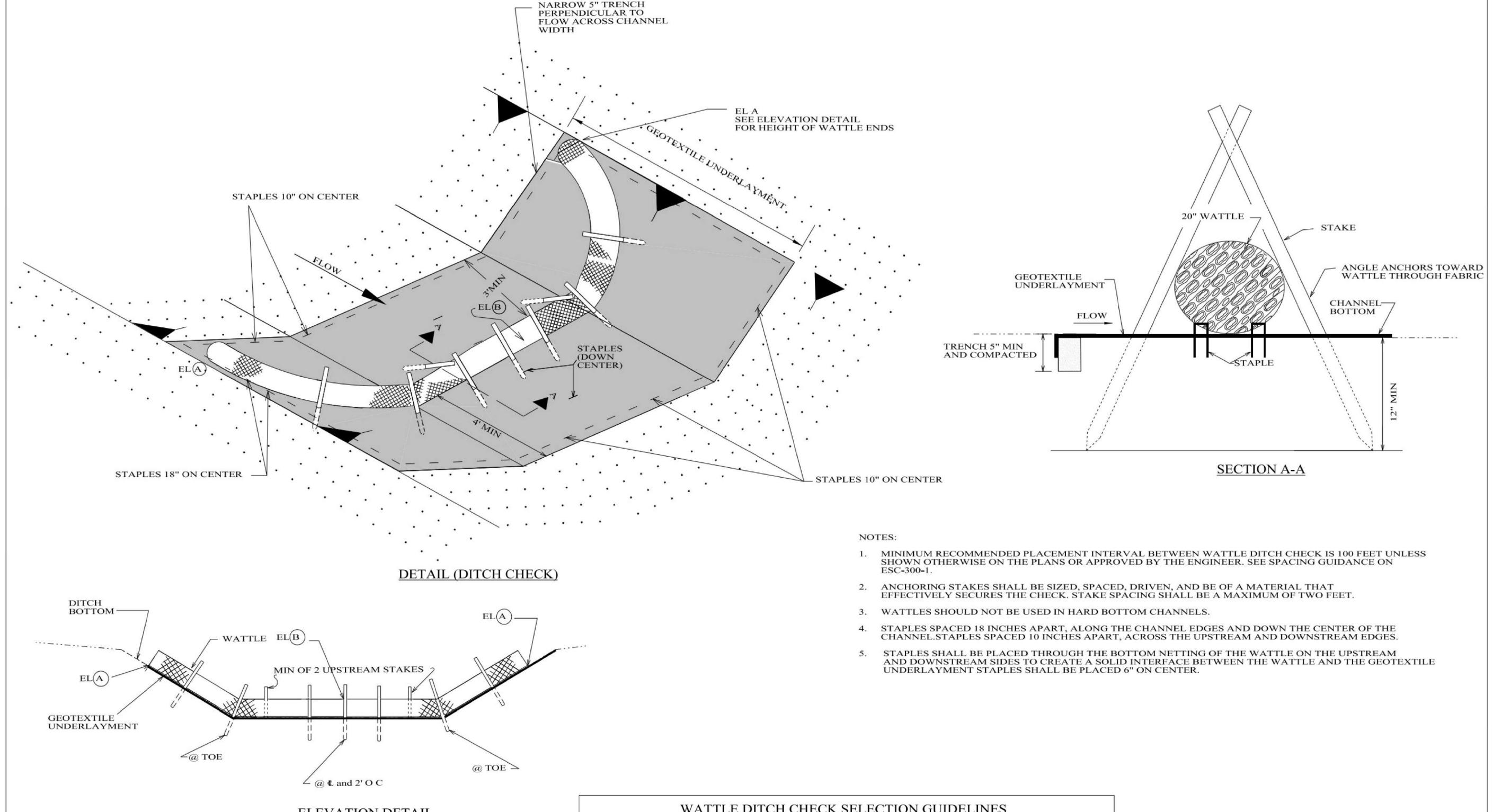
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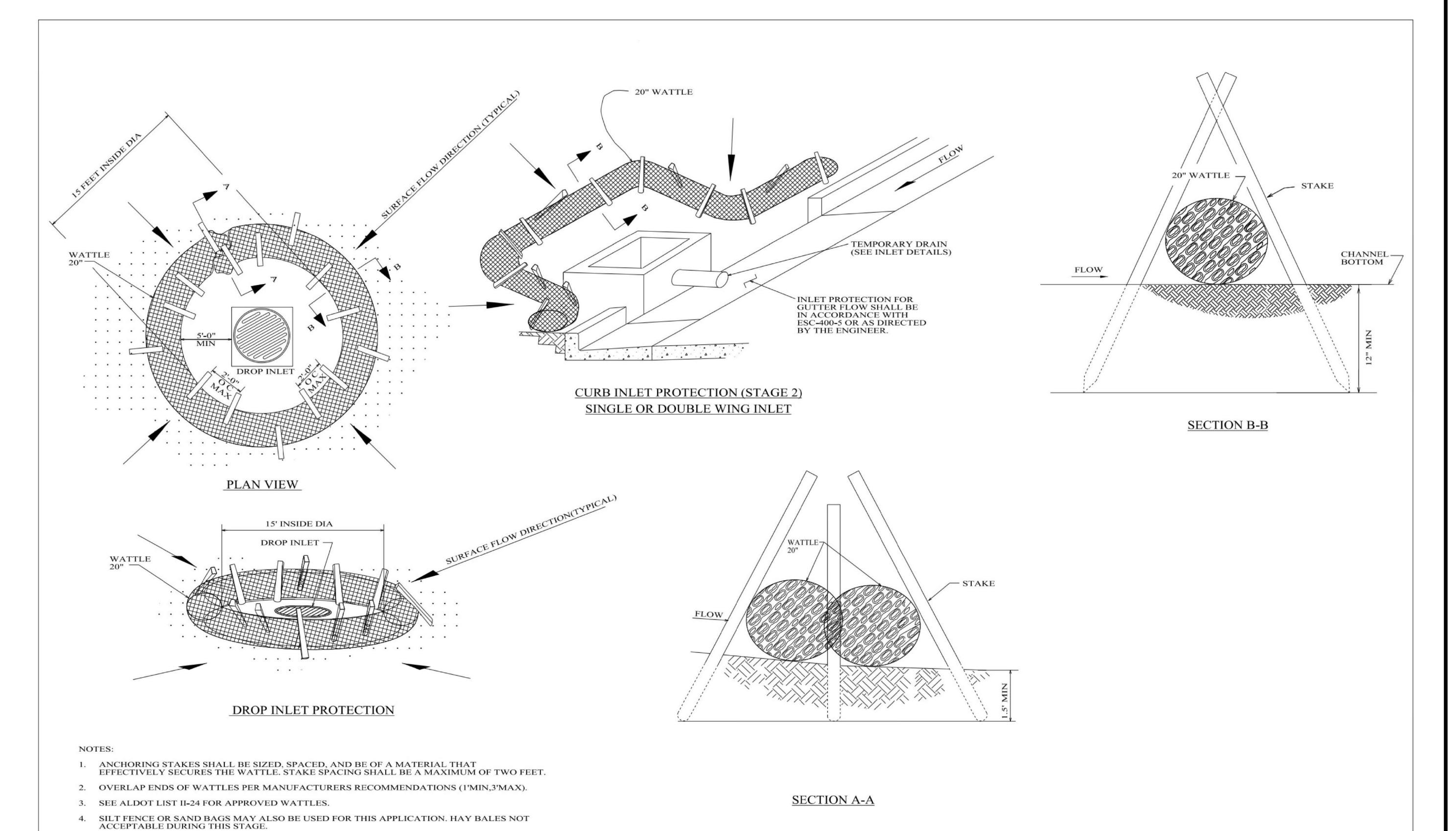
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SPECIAL DRAWING NO

ESC-300-4

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OF TRANSPORTATION
1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050

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and added "REQUIRED TRENCHING" on SECTION A-A and "SECTION B-B" on 8-24-2011 by J.F.T. 2. Revised and updated "CURB INLET PROTECTION (STAGE 2)", "DROP INLET PROTECTION", "SECTION A-A" and "SECTION B-B" to show new staking w/o

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1. Revised note on "CURB INLET PROTECTION (STAGE 2)" from "5 OF 5" to "4 OF 4"

3. Deleted a "NOTE" and replaced and revised Note 4. Revised and updated "PLAN VIEW" on 7-11-2013 by J.F.T.

4. Updated Special Drawing No. from ESC-400 (SHEET 3 OF 5) to ESC-400-3 on 10-31-2016 by J.F.T. & J.M.M.

Bureau Std Engr: D.J.W. DRAWN BY: DATE DRAWN: 2006 REVISED DATE: 10-31-2016

DESIGN BUREAU SPECIAL DRAWING INLET PROTECTION DETAILS OF WATTLES

NOT TO SCALE

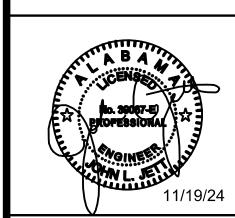
--SPECIFICATIONS-CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION SPECIAL DRAWING NO ESC-400-3

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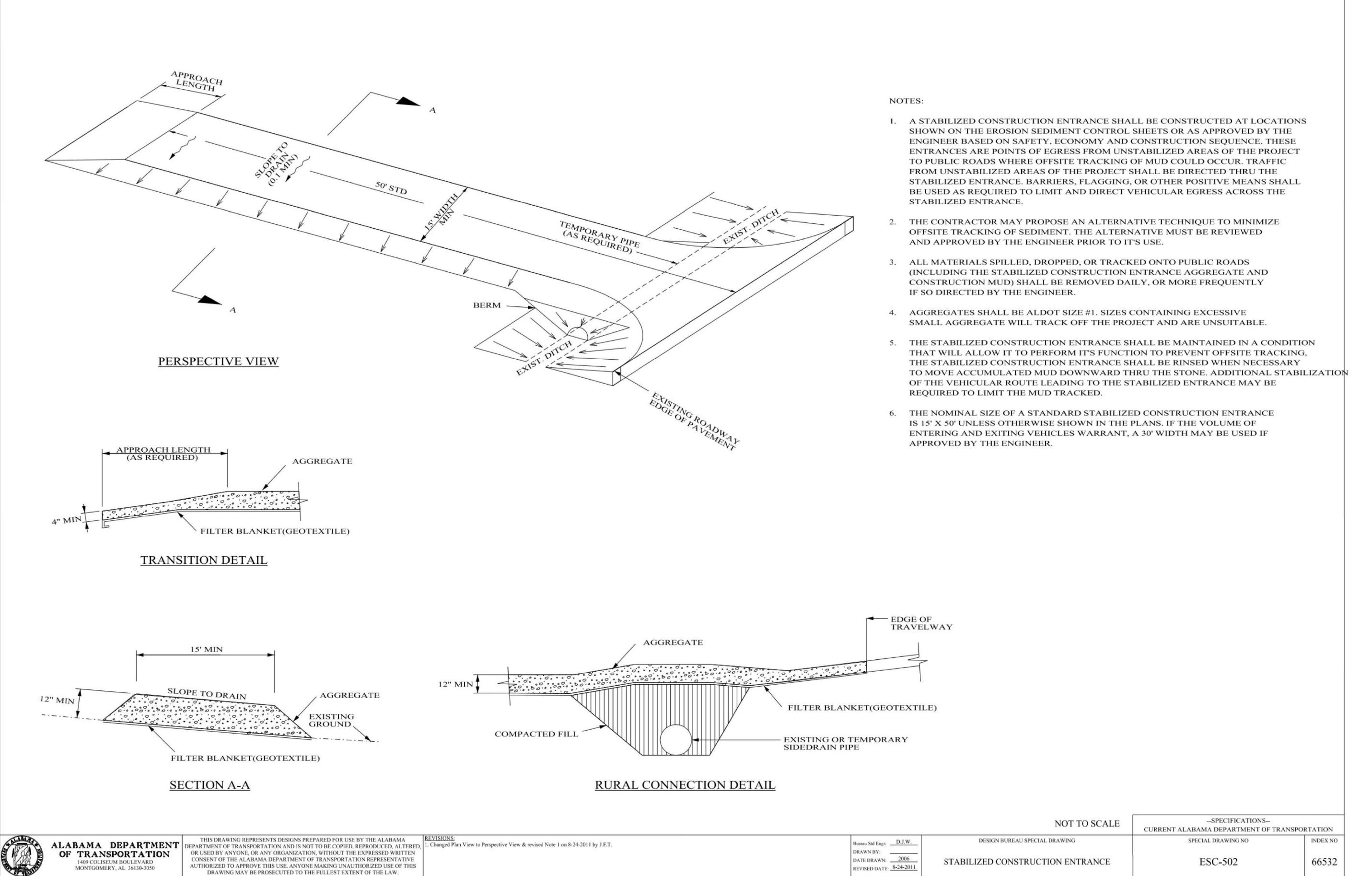
PROJECT INFO INSITE JOB No. 24031.00 PLOTTED: 11/19/24



THIS SHEET CONTAINS: ALDOT DETAILS

SCALE: NONE

NOTE: FOR USE WITHIN ALDOT





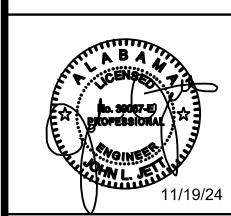
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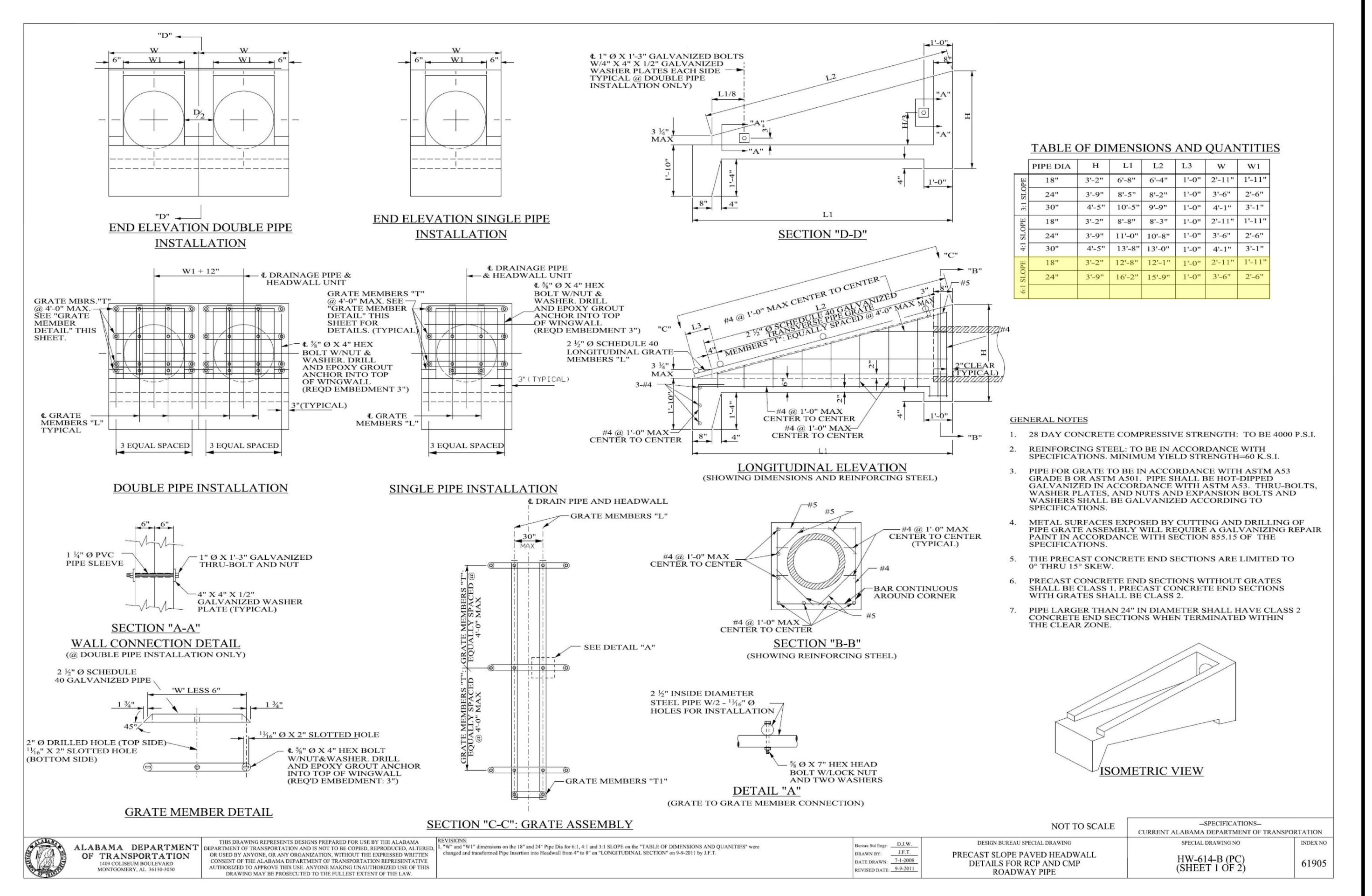
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**AP-12** 



NOTE: FOR USE

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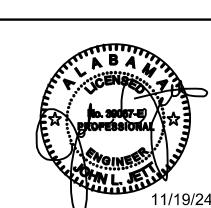
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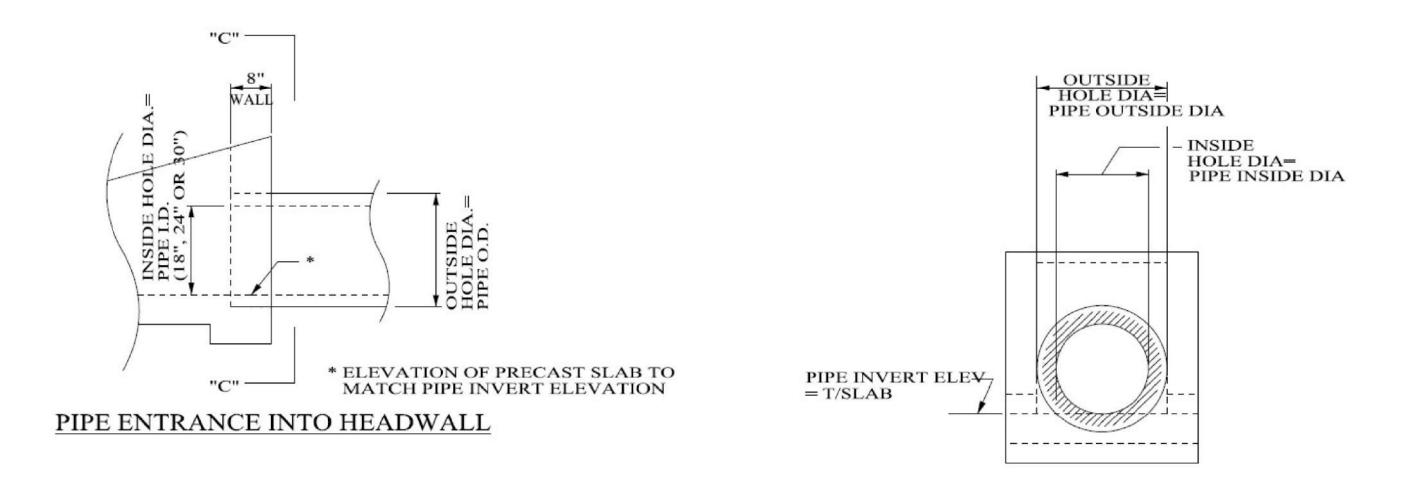
SCALE: NONE

FOR SPECIFIC INSTALLATION PROCEDURES, CONTACT THE PRECAST END SECTION VENDOR.

## **END ELEVATION** (SHOWN @ SINGLE BARREL INSTALLATION)

## LONGITUDINAL SECTION

## **INSTALLATION DETAILS**



## ELEVATION "C-C"

## PIPE ENTRANCE DETAILS

				NOT TO SCALE	—SPECIFICATIONS— CURRENT ALABAMA DEPARTMENT OF TRANSPO	PORTATION
MAN A	ALABAMA DEPARTMENT THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPROD	ALTERED 1. Removed Grout between Precast Unit and Pipe and related info on the "PIPE ENTRANCE DETAILS" and deleted Drawing Description "GROUT BETWEEN PRECAST UNIT	Bureau Std Engr:D.J.W	DESIGN BUREAU SPECIAL DRAWING	SPECIAL DRAWING NO	INDEX NO
TOTAL STATE	OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050  OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRES CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REP AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE	WRITTEN WTATIVE OF THIS  UNIT AND PIPE W/APPROVED NON-SHRINK CEMENTIOUS GROUT" on "PIPE ENTRANCE INTO HEADWALL" and changed Pipe insertion into Headwall from 4" to 8" on "LONGITUDINAL SECTION" and "PIPE ENTRANCE INTO HEADWALL" on 9-9-2011 by J.F.T.	DRAWN BY: J.F.T.  DATE DRAWN: 7-1-2008  REVISED DATE: 9-9-2011	PRECAST SLOPE PAVED HEADWALL DETAILS FOR RCP AND CMP ROADWAY PIPE	HW-614-B (PC) (SHEET 2 OF 2)	61906

NOTE: FOR USE WITHIN ALDOT ROW

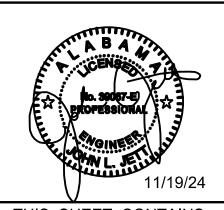


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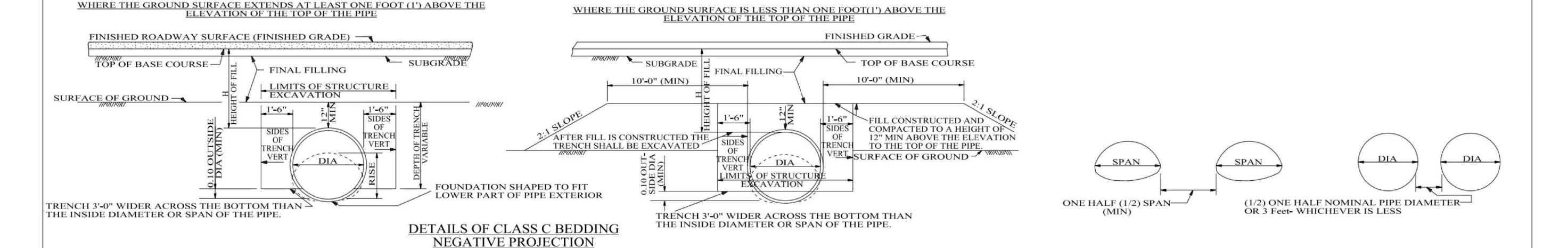
PROJECT INFO INSITE JOB No. 24031.00 PLOTTED: 11/19/24

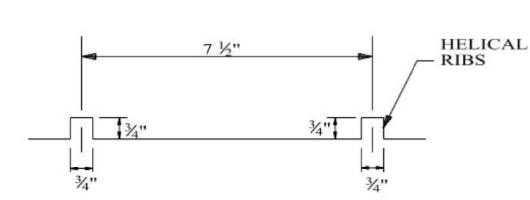


THIS SHEET CONTAINS: ALDOT DETAILS

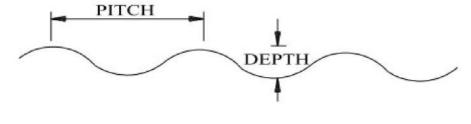
SCALE: NONE

## DETAILS OF CLASS C BEDDING POSITIVE PROJECTION





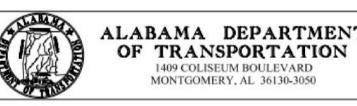
TYPE OF MATERIAL	PITCH	DEPTH
CORRUGATED ALUMINUM	2 3/3"	1/2"
CORRUGATED METAL	2 3/3"	1/2"
CORRUGATED METAL	3"	1"
CORRUGATED METAL	5"	1"
HELICAL RIBBED METAL	7 ½"	3/4"
STRUCTURAL PLATE CORR	6"	2"



## GENERAL NOTES (ROADWAY PIPE)

<b>DETAILS OF CORRUGATIONS</b>	$\mathbf{S}$		

- GAUGES FOR METAL PIPE ARE MINIMUM GAUGES FOR STRUCTURAL REQUIREMENTS ONLY AND ARE INTENTED TO BE USED WHERE CORROSIVE AND ABRASIVE CONDITIONS ARE NEGLIGIBLE. HEAVIER GAUGES AND/OR PROTECTIVE COATINGS SHALL BE USED WHERE SITE INVESTIGATIONS INDICATE CORROSIVE AND /OR ABRASIVE CONDITIONS OR WHERE ANTICIPATED VELOCITIES EXCEED 5 FEET PER SECOND.
- (CMP) 2. MAXIMUM FILL HEIGHTS FOR CORRUGATED METAL ROADWAY ARCH PIPE SHALL BE BASED ON 4000 LBS BEARING PRESSURE OF THE FOUNDATION MATERIAL UNLESS ACTUAL TEST ARE MADE WHICH PROVE THE FOUNDATION MATERIAL TO HAVE HIGHER BEARING CAPACITIES.
- MAXIMUM FILL HEIGHT SHOWN IN TABLES ARE FROM TOP OF PIPE TO TOP OF BASE COURSE. (RCP & CMP) 3.
- MINIMUM FILL HEIGHTS SHOWN IN TABLES ARE FROM TOP OF PIPE TO TOP OF SUBGRADE. (RCP & CMP) 4.
  - INSTALLATION (RCP): THE MIDDLE THIRD OF BEDDING MATERIAL UNDER THE PIPE SHALL BE LOOSELY PLACED, WHILE THE REMAINDER SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY PER AASHTO T-99. SEE ALDOT SPECIFICATIONS SECTION 530.03-CLASS C BEDDING.
  - (RCP) 6. CONCRETE PIPE SHALL CONFORM TO THE REQUIREMENTS OF "AASHTO LRFD CONSTRUCTION SPECIFICATIONS", SECTION 27-LATEST EDITION.
  - (CMP) 7. CORRUGATED METAL PIPE SHALL CONFORM TO THE REQUIREMENTS OF "AASHTO LRFD CONSTRUCTION SPECIFICATIONS", SECTION 26-LATEST EDITION.



THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

ALABAMA DEPARTMENT | DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPRODUCED, ALTERED, |

1. Deleted Notes 3 & 4 and renumbered; removed Pre-Bed. Conc. Pipe sketch & replaced w/Details of orrugations on 5-9-2003 by W.W.A. Added H.D.P.E. Pipe Tables & Std. Installation on 9-27-2006 by W.W.A. . Adjusted Table 2 to current Standard Specifications on 5-23-2008 by W.W.A. 4. Deleted "IMPERFECT TRENCH" detail and Trench note & edited "GENERAL NOTES" to coincide with CMP & RCP on 11-4-2013 by J.F.T. Deleted Class C-1 Bedding note & corrected Note6 from "503.03" to "530.03" on 8-6-2015 by L.V.S.

Bureau Std Engr: D.J.W. DRAWN BY: DATE DRAWN: 5-26-1975 REVISED DATE: 8-6-2015

DESIGN BUREAU SPECIAL DRAWING BEDDING AND FILL HEIGHTS FOR ALL ROADWAY PIPE CULVERTS (RCP AND CMP)

NOT TO SCALE

CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION SPECIAL DRAWING NO INDEX NO RPC-530 53004 (SHEET 1 OF 3)

--SPECIFICATIONS--

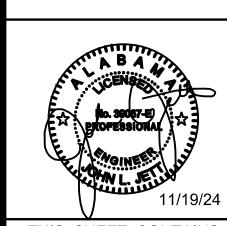
**MULTIPLE INSTALLATIONS** 

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SCALE: NONE

NOTE: FOR USE WITHIN ALDOT

## FILL HEIGHTS FOR CORRUGATED METAL ROUND ROADWAY PIPE

		PIPE CH	ARACTE	RISTICS		MAXIM	UM FILL	HEIGHT	IN FEET
PIPE DIAM.	AREA IN	CORRUGA		ALUM.	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EOD	METAL I	PIPE GAU	
IN INCHES	SQ. FT.	2 ¾" x ½"	3" x 1" OR 5" x 1"	2 ¾" x ½"	COVER (INCHES)	14	12	10	8
15	1.2	•			12"	213	298	300+	300+
18	1.8	•			"	177	248	300+	300+
10	1.0			•	"	80			
24	3.1	•			"	133	186	239	292
27	5.1			•	"	60	84	; <b></b> :	
30	5	•			"	106	149	191	234
20				•	.,	48	67		
2.0	_	•			"	88	124	159	195
36	7		•		.,	90	127	163	200
			V	•	"	40	56	72	167
42	1.0	•			"	75	106	137	167
42	10		•	•	.,	77	108 48	140 62	172
		•	1		"	66	93	120	146
48	13		•		"	68	95	122	150
40 13			•	"		42	54	66	
		•			"	56	80	104	128
54	16		•		"	60	84	109	133
٠.	10			•	"		36	48	59
		•			"		68	89	109
60	20		•		"	54	75	98	119
				•	"			42	53
		•			"		58	75	93
66	24		•		"	49	68	88	108
				•	.,				48
		•			,		_	64	80
72	28		•		"	44	62	81	99
				•	"				38
78	33	•			"		_	3 <del></del> 7	68
70	33		•			41	58	74	92
84	38	•			.,				56
107-113-41			•		"	38	54	69	85
90	44		•		"	36	50	65	80
96	50		•			33	47	61	74
102	57		•		24"	31	44	57	70
108	64 71		•		"		42	54	66
114	79		$\div$		.,		38	50	61 56
120	/9	1		1	107.0		35	46	30

## FILL HEIGHTS FOR STRUCTURAL PLATE ROUND ROADWAY PIPE

	ILLL		Carrier Control Control Control	BIROC	101					701		.011	D 11	111		-		
PIPE DIAM.	AREA		ED STRUCT. E PIPE	MINIMUM				]	FOR	STE	EL S	TRU	CTU	<b>IRAI</b>				
IN	IN SQ. FT.	STEEL	ALUM.	COVER														
INCHES	5Q.11.	6" x 2"	9" x 2½"	(INCHES)	.109"	X	.138"	X	.168"	$\times$	.188"	X	.218"	X	.249"	X	.280"	$\times$
60	20	•		12"	69		102		134		150		175		200		226	
00	20		•	"		31		45										
72	28	•		"	58	25	85	27	111		125		146		167		188	
			•	,,,	49	25	73	37	95		107		125	_	144		161	
84	38	•	•	"	49	22	/3	32	93		107		123		144		161	
	182043	•	_	"	43	22	23	32	84		95		109	_	125		141	
96	50		•	"	1.5	19		28	0.	37			102	_	120			
100		•		24"	38		57		74		83		97		111		125	
108	64		•	"		17		25		33				_				
120	79	•		"	35		51		67		74		87		100		113	
120	19		•	"		15		22		30				_				
132	95	•		"	32		46		61		67		79		91		102	
132	,,,		•	"		14		20		27		32		_				
144	113	•		"	29		42	1.0	56	25	62		73		83		94	
		•	•	"	26	·	39	18	51	25	57		67	_	77		86	
156	133		•	"	26		39	17	31	23	57		67		//		- 00	
W. C. & C. A.	or received	•	_	"	24		36	1/	48	25	53		62		71		80	
168	154		•	"	2.1		50	16	70	21	55	25	02	_	/1		00	
100	1.77	•		"	23		34		44		50		58		67		75	
180	177		•	"				15		19		23		_				
192	201	•		"			32		42		46		54		62		70	
204	227	•		36"			30		38		43		51		58		66	
216	254	•		"					36		40		47		54		60	
228	283	•		"					32		36		43		49		55	
240 252	314	•		"						-	34		40 36		45		51 48	
252	346								/				36		42		48	
					X	.10"	Х	.125"	X	.150"	Х	.175"	Х	.200"	X	.225"	X	.250"
	MAXIMUM FILL HEIGHT IN FEET																	

FOR ALUMINUM STRUCTURAL PLATE THICKNESSES SHOWN ABOVE \*

## FILL HEIGHTS FOR CORRUGATED METAL AND STRUCTURAL PLATE ROADWAY ARCH PIPE

EQUIV. PIPE		GATED IPE ARC	METAL H	STRUCT PIPE A	. PLATE ARCH	MINIMUM			MINIMUM	MAXIMUN	M FILL HEIG	GHT (FEE)
DIA.	STE		ALUM.	STEEL	ALUM.	GAUGE OR PLATE	SPAN	RISE	COVER (INCHES)	CORNER	BEARING I	PRESSURI
INCHES	2 ¾" x ½"	3" x 1" OR 5" x 1"	2 ¾" x ½"	6" x 2"	9" x 2½"	THICKNESS				TOURS TOURS OF THE PROPERTY OF	6000 LBS	8000 LB
15	•		•			14	17"	13"	18	13 15	15	
18	•					"	21"	15"	"	12	15	-
	•		•			"	28"	20"	"	14 9	15	
24			•			**	"		**	11	15	
30	•		•			"	35"	24"	"	9	14 14	
	•					"	42"	29"	"	7	13	-
36		•	•			"	43" 42"	27" 29"	"	12 7	15 13	
	•					"	49"	33"	"	7	12	
42		•	•			12	50" 49"	31" 33"	"	12 7	15 12	
46	•					,,	57"	38"	"	7	12	
48		•	•			14	58" 57"	36" 38"	"	12 7	15 12	
	•					12	64"	43"	"	7	12	
54		•	•			14 10	65" 64"	40" 43"	"	12 7	15 12	
	•					**	71"	47"	11	7	12	
60		•	•			14 8	72" 71"	44" 47"	"	12 7	15 12	
	•					8	77"	52"	"	7	12	-
66		•		•		14 0.109"	73" 6'-4"	55" 4' <b>-</b> 9"	"	15 15		
					•	0.10"	5'-11"	5'-4"	"	15		
3	•	•				8	83" 81"	57" 59"	**	8 15	13	
72				•		0.109"	7'-0"	5'-1"	"	15		
		_			•	0.10"	6'-8" 87"	5'-7" 63"	"	15 14	15	
78		•		•		0.109"	7'-8"	5'-5"	"	12	15	=
		•			•	0.10"	7' <b>-</b> 4" 95"	5'-11" 67"	"	15 12	15	
84				•		0.109"	8'-2"	5'-9"	24	11	15	
		•			•	0.10"	8'-0" 103"	6'-2" 71"	18 24	14 11	15	
90		Ť		•		0.109"	9'-4"	6'-3"	"	10	15	
		•			•	0.10"	8'-7" 112"	6'-6" 75"	"	13 10	15	
96				•		0.109"	9'-9"	6'-7"	"	10	15	-
		•			•	0.10"	9'-6" 117"	6'-10" 79"	"	13 10	15	
102		•		•		0.109"	10'-8"	6'-11"	"	9	13	
		•			•	0.10"	10'-5" 128"	7'-3" 83"	"	12 10	14	
108				•		0.109"	11'-5"	7'-3"	"	7	12	15
30.000.00				•	•	0.125" 0.109"	11'-2" 11'-10"	7'-6" 7'-7"	"	15 7	12	1.5
114				_	•	0.109	11'-10	7'-10"	**	14	12	15
120				•		0.109"	12'-6"	7'-11"	"	6	11	15
				•	•	0.125" 0.109"	12'-5" 13'-5"	8'-2" 8'-5"	"	13 5	7	14
126					•	0.15"	13'-1"	8'-5"	"	12	15	
132				•	•	0.109"	14'-1" 13'-10"	8'-9" 8'-9"	"	5 12	11 15	14
138				•		0.138"	14'-0"	9'-8"	"	15==4	10	13
				•	•	0.175" 0.138"	14'-9" 14'-5"	9'-2" 10'-0"	"	10	15 10	13
144					•	0.175"	15'-6"	9'-6"	"	10	15	
150				•	•	0.138"	15'-4" 16'-2"	10'-4" 9'-9"	36	10	10 15	13
156				•		0.138"	15'-10"	10'-8"	24	( - <del></del>	9	12
NO POLICE				•	•	0.25" 0.138"	16'-11" 17'-0"	10'-1" 11'-2"	36	9	14 8	12
162												

## FILL HEIGHTS FOR HELICAL RIBBED ROADWAY PIPE

PIPE DIAMETER	THICKNESS AND SPECIFIED GAUG									
IN	(.079	9") 14	(.109	") 12						
INCHES	MIN. COVER	MAX. FILL	MIN. COVER	MAX. FI						
18"	1.0'	96'								
21"	1.0'	82'	1.0'	138'						
24"	1.0'	72'	1.0'	121'						
30"	1.0'	57'	1.0'	97'						
36"	1.0'	48'	1.0'	80'						
42"	1.0'	41'	1.0'	69'						
48"	1.0'	36'	1.0'	60'						
54"	1.5'	32'	1.0'	53'						
60"	1.5'	28'	1.0'	48'						
66"	_		1.5'	44'						
72"	_		1.5'	40'						

## FILL HEIGHTS FOR CORRUGATED METAL SIDEDRAIN PIPE

(STEEL & ALUMINUM)									
PIPE DIAM.	MIN. COVER	GAUGE	CORRUGATION	MAX. FILL H					
15"	24"	16	2 2/3" x ½"	50 FT.					
18"	"	"	"	***					
24"	"	"	"	"					
30"	"	14	"	30 FT.					
36"	"	"	"	"					
42"	"	**	"	**					

FOR PIPE LOCATED WHERE FINISHED GRADE IS LESS THAN 24" FROM TOP OF PIPE, USE 14 GAUGE PIPE. FOR FILL HEIGHTS GREATER THAN THOSE SHOWN, SEE ROADWAY PIPE TABLES.

CONCRETE PIPE ---

## MAX. FILL HEIGHTS (FT.) FOR CONCRETE ROUND ROADWAY PIPE WITH CLASS C BEDDING

PIPE DIA.	CLASS OF PIPE			
(IN.)	III	IV	V	
15	16	25	39	
18	16	25	39	
24	16	25	39	
30	16	25	39	
36	16	25	39	
42	16	25	39	
48	16	25	39	
54	16	25	39	
60	16	25	39	
66	16	25	39	
		v======		
72	15	24	38	
78	15	24	38	
84	15	24	38	
96	15	24	38	
102	15	24	38	

## NOTES: REINFORCED CONCRETE ROADWAY PIPE

- FOR FILL HEIGHTS GREATER THAN LISTED ABOVE, PIPE
- SHALL BE REFERENCED AS "SPECIAL DESIGN". "SPECIAL DESIGN" RCP SHALL REQUIRE STRUCTURAL CALCULATIONS STAMPED BY REGISTERED ENGINEER BASED UPON DIRECT DESIGN ANALYSIS AND MAY UTILIZE ACPA'S "PIPECAR" DESIGN SOFTWARE.
- THE "SPECIAL DESIGN" PIPE SUBMITTAL SHALL INCLUDE BACKFILL AND INSTALLATION DETAILS FOR THE SPECIFIC DESIGN.

## MAX. FILL HEIGHTS FOR CONCRETE ELLIPTICAL OR ARCH ROADWAY PIPE

EQIV. PIPE DIAMETER IN INCHES	The second residence of the second second second	HORIZ. ELLIP.	MINIMUM COVER	CLASS II REINF. FILL HEIGH
15"	18"X11"	N.A.	12"	14 FT
18"	22"X14"	23"X14"	"	"
24"	29"X18"	30"X19"	"	**
30"	36"X23"	38"X24"	"	"
36"	44"X27"	45"X29"	"	"
42"	51"X31"	53"X24"	"	"
48"	59"X36"	60"X38"	"	"
54"	65"X40"	68"X43"	"	**
60"	73"X45"	76"X48"	11:	**
72"	88"X54"	91"X58"	11	**

NOTE: FOR CONCRETE ARCH PIPE ONLY A SINGLE REINFORCED WALL WILL BE ALLOWED FOR PIPE WITH AN EQUIVALENT DIAMETER OF 42" OR LESS. ARCH AND ELLIPTICAL PIPE TO BE PAID FOR UNDER SAME SIZE ARCH PAY ITEMS.

## FILL HEIGHTS FOR CONCRETE SIDEDRAIN PIPE\*

TYPE	SIZE	FILL HEIGHT
PLAIN CONC.	24" OR LESS	1.5' TO 10'
REINF. CONC. CLASS II	ALL SIZES	1.5' TO 10'

\* APPLIES TO ROUND AS WELL AS ARCH AND ELLIPTICAL PIPE. FILL HEIGHTS SHOWN APPLY TO STORM SEWER PIPE AS WELL AS SIDEDRAIN

BEDDING IS NOT REQUIRED FOR SIDEDRAIN PIPE.

--SPECIFICATIONS--NOT TO SCALE CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA DESIGN BUREAU SPECIAL DRAWING SPECIAL DRAWING NO LABAMA DEPARTMENT

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1. Changed fill height requirements for C.M. pipe to match latest AISI Standards on 10-15-1996 by C. J. S.

OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN

1. Changed fill height to 14' to match LRFD on "CONCRETE ARCH ROADWAY PIPE" & edited max Fill Height to match LRFD on 11-5-2013 by J.F.T. Bureau Std Engr: D.J.W. DRAWN BY: BEDDING AND FILL HEIGHTS FOR OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN OF TRANSPORTATION RPC-530 Updated "FILL HEIGHTS FOR CORRUGATED METAL SIDEDRAIN PIPE (STEEL & ALUMINUM)" to coincide with Alabama Standard DATE DRAWN: 12-21-1992 CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050 ALL ROADWAY PIPE CULVERTS Specifications, 2012 Edition, Section 535 on Side Drain Pipe, Special Provision No. 12-1264 on 8-3-2016 by J.F.T. AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS (SHEET 2 OF 3) REVISED DATE: 8-3-2016 (CMP AND RCP) DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

NOTE: FOR USE WITHIN ALDOT ROW

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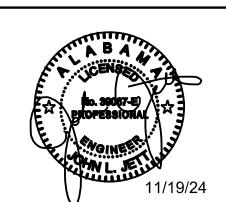
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PROJECT INFO INSITE JOB No. 24031.00 PLOTTED: 11/19/24

SET



THIS SHEET CONTAINS: ALDOT DETAILS

SCALE: NONE

INDEX NO

53005

<sup>\*</sup> Below 3.5' of cover, ribs may be required. See AASHTO Design Specifications. See manufacturers recommendations for thicknesses greater than those specified for the diameter.



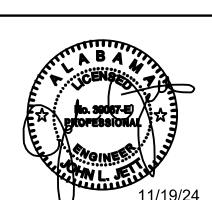
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OT ACCESS PERMIT -SITY FIRE STATION #2

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INSITE JOB No. 24031.00
PLOTTED: 11/19/24



ALDOT DETAILS

THIS SHEET CONTAINS:

SCALE: NONE

( AP-17

NOTE: FOR USE

WITHIN ALDOT

NOTE: FOR USE WITHIN ALDOT ROW

1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050

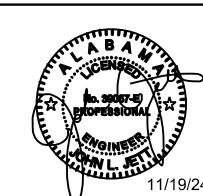
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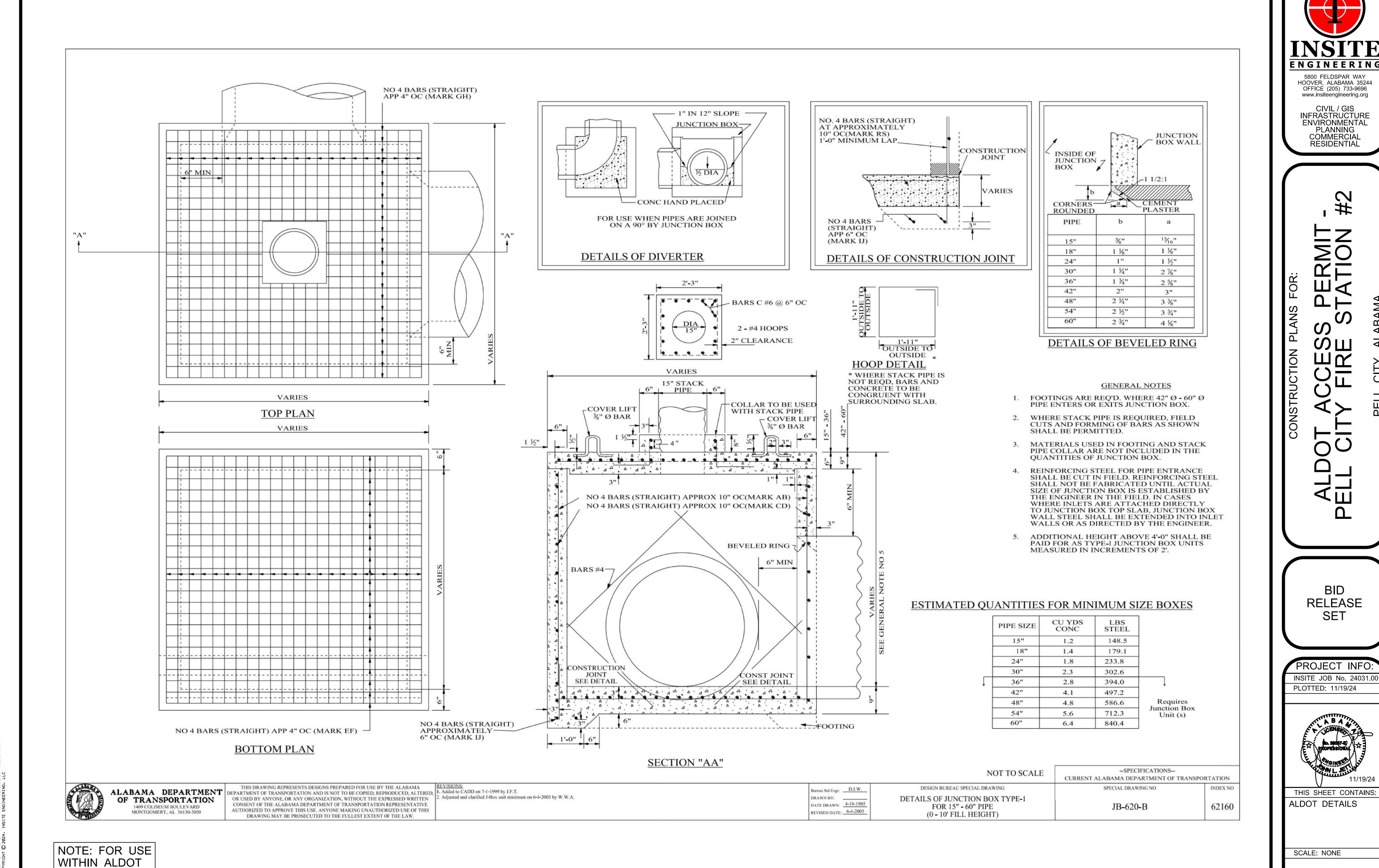
PROJECT INFO INSITE JOB No. 24031.00 PLOTTED: 11/19/24



THIS SHEET CONTAINS: ALDOT DETAILS

SCALE: NONE

MACHINE MADE CONCRETE CURB OR CONCRETE CURB & GUTTER COMBINATIONS)



ROW

SET

PLANNING

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Ł ¾" HOLES IN SIGN

DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

⊞|4 MAX



MONTGOMERY, AL 36130-3050

NOTE: FOR USE

WITHIN ALDOT

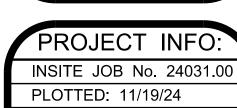
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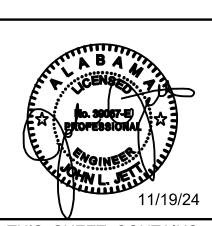
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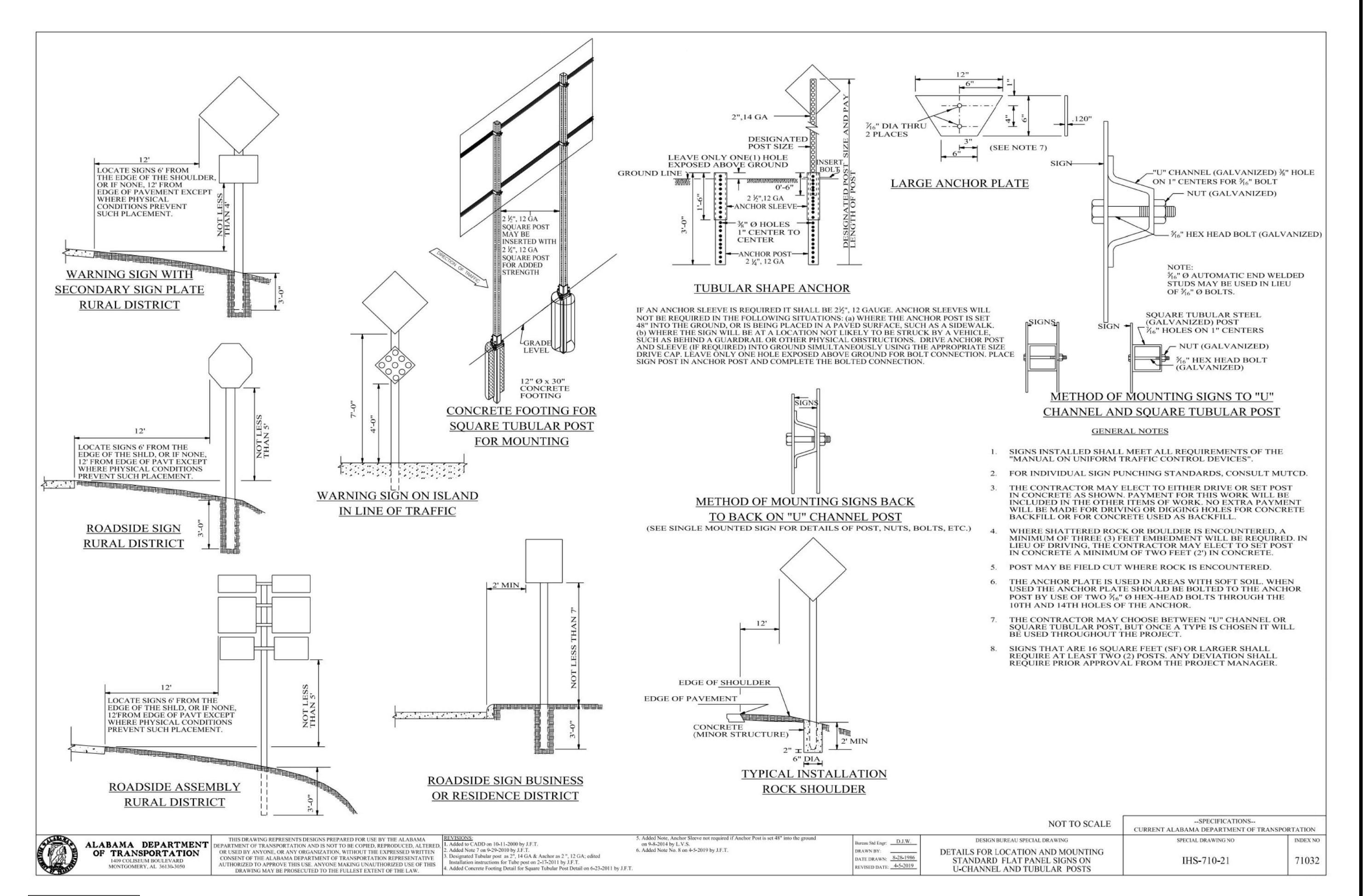
RELEASE SET





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SCALE: NONE



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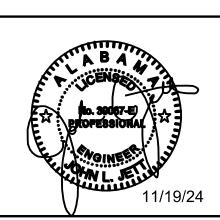
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OT ACCESS PERMIT -CITY FIRE STATION #2

> BID RELEASE SET

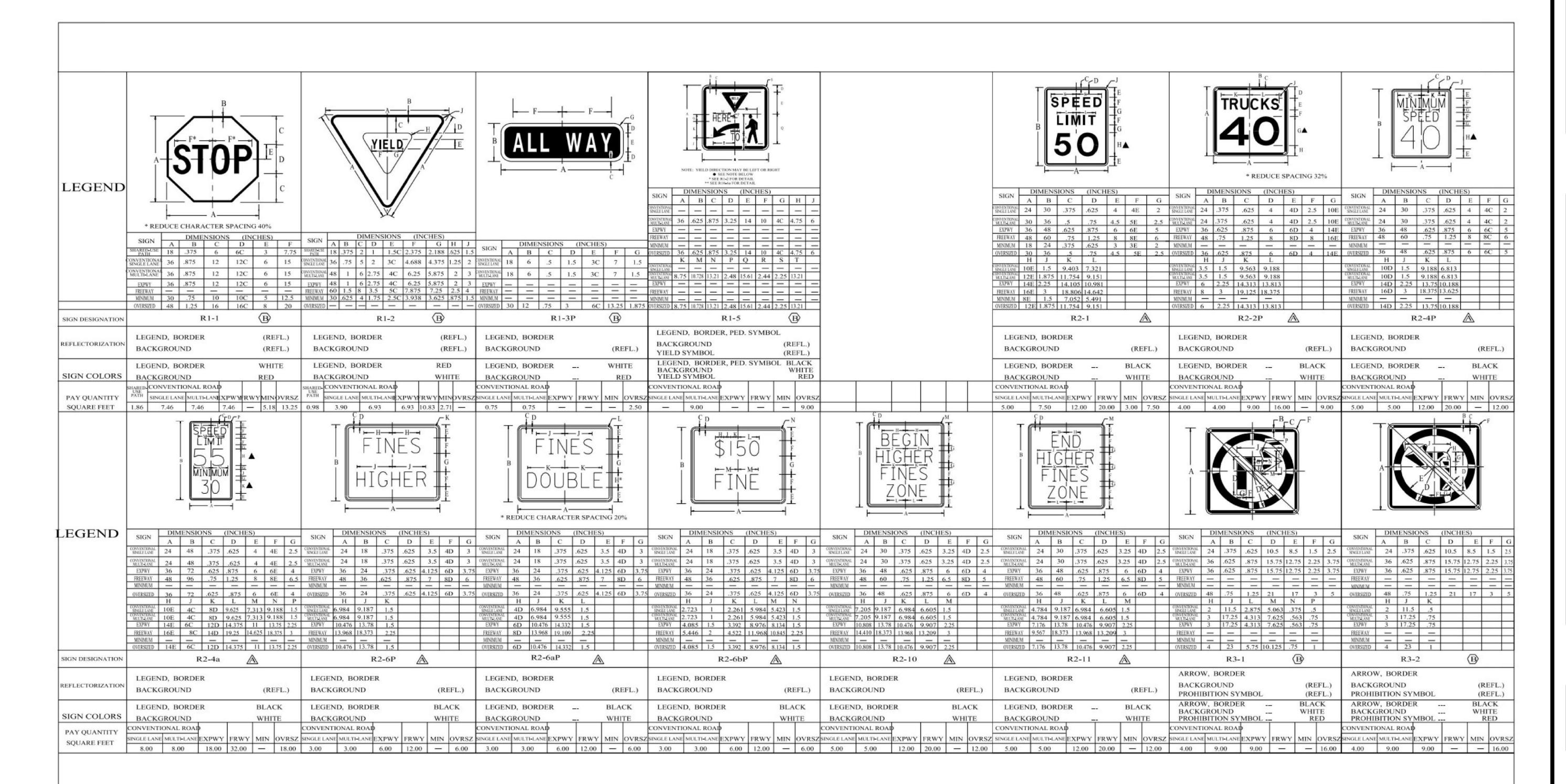
PROJECT INFO:
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PLOTTED: 11/19/24



THIS SHEET CONTAINS:

SCALE: NONE

AP-21



\* LETTER SPACING TO BE INCREASED OR DECREASED AS NECESSARY TO CONFORM TO DIMENSIONS INDICATED.

⚠ THIS SIGN SHALL BE FABRICATED USING RETROREFLECTIVE SHEETING TYPE "IV"

(B) THIS SIGN SHALL BE FABRICATED USING RETROREFLECTIVE SHEETING TYPE "XI"

THIS SIGN SHALL BE FABRICATED USING RETROREFLECTIVE SHEETING TYPE "XI", FLUORESCENT

NOTE: SYMBOL DESIGN AVAILABLE ON REQUEST

▲ NOTE: OPTICALLY SPACE NUMERALS ABOUT VERTICAL €

THE SIZES SHOWN IN THE MINIMUM ROWS THAT ARE SMALLER THAN THE SIZES SHOWN IN THE CONVENTIONAL ROAD ROWS SHALL ONLY BE USED ON LOW-SPEED ROADWAYS, ALLEYS AND

PRIVATE ROADS OPEN TO PUB USE OF LARGE SIZES.	LIC TRAVEL WHERE THE REDUCED LEGEND SIZE WOULD	BE ADEQUATE FOR THE REGULATION OR WARNING OR WHERE PHYSCAL CONDITIONS PERCLUDE THE		NOT TO SCALE
ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050	OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN	2. Removed R1-5b sign on 8-12-2019 by J.F.T.	Bureau Std Engr:	DESIGN BUREAU SPECIAL DRAWING STANDARD HIGHWAY SIGNS



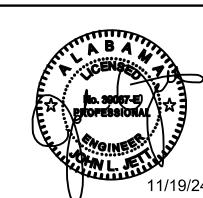


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THIS SHEET CONTAINS: ALDOT DETAILS

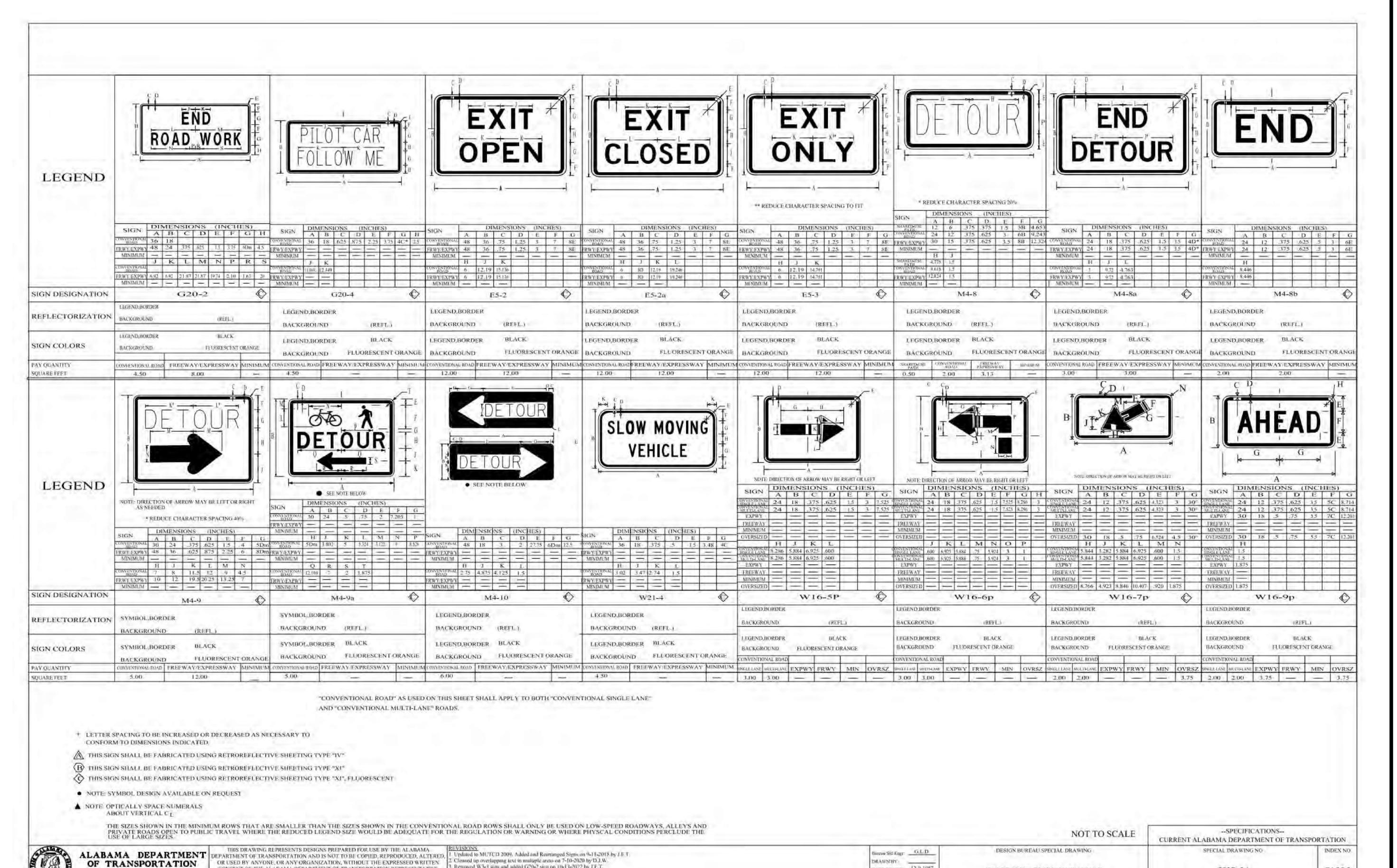
SCALE: NONE

--SPECIFICATIONS--CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

SHS-1

INDEX NO

71060



DATE DRAWN: 12-9-1987

REVESED DATE: 10-13-2022

STANDARD HIGHWAY SIGNS

Removed W3-3 sign and added G20-2 sign on 10-13-2022 by J.F.T.

CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE

AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING LINAUTHORIZED USE OF THIS

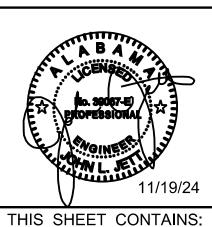
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ALDOT DETAILS

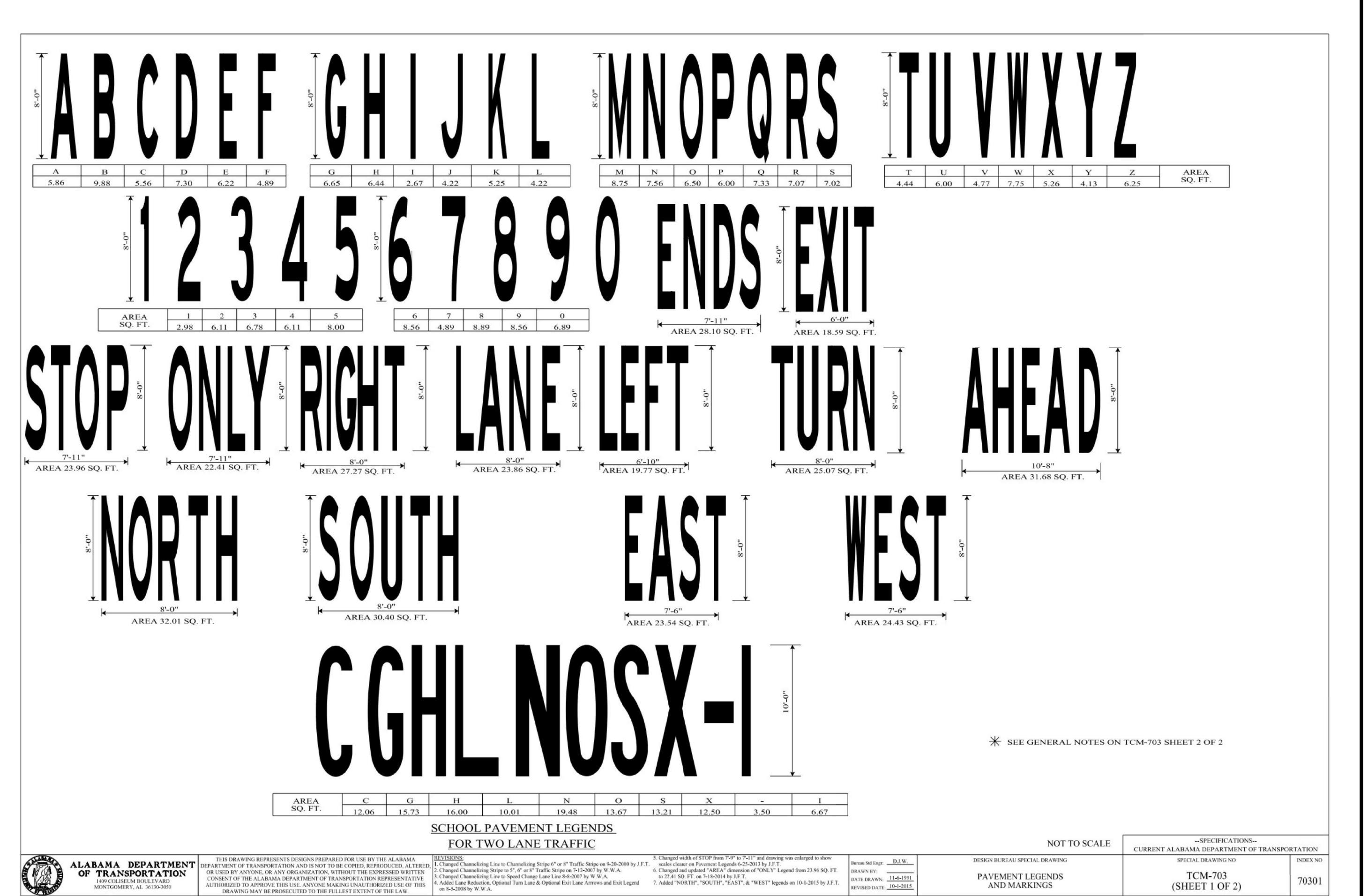
SCALE: NONE

SHS-31

71095

1409 COLISEUM BOULEVARD

MONTGOMERY, AL. 36180-3050



NOTE: FOR USE

WITHIN ALDOT

ROW

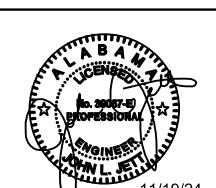
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AP-25

RELEASE

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ALDOT UTILITY PERMIT-ELL CITY FIRE STATION

BID RELEASE SET

PROJECT INFO:
INSITE JOB No. 24031.00
PLOTTED: 11/19/24

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B A

B A

11/19/24

THIS SHEET CONTAINS:
UTILITIES PERMIT
PLAN

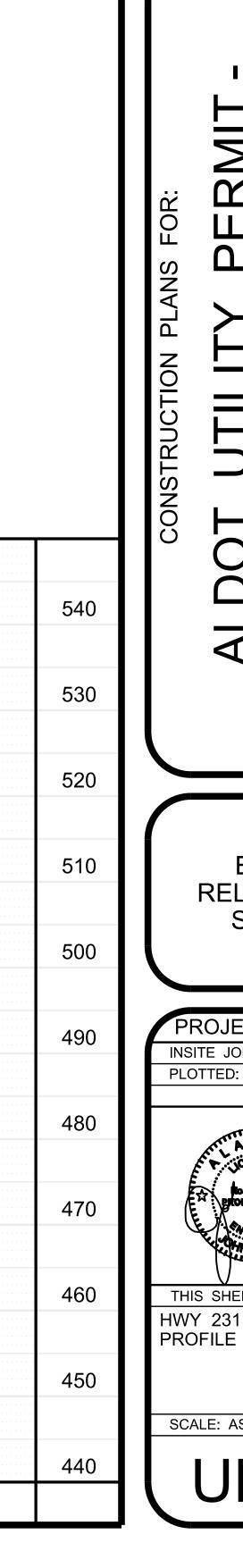
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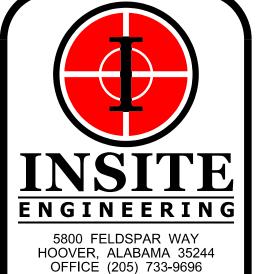
UP-1

## ALDOT NOTES

- 1. CONTACT DISTRICT ADMINISTRATOR AT (205) 274-2112 48 HOURS PRIOR TO BEGINNING WORK ON ALDOT RIGHT-OF-WAY.
- 2. WRITE A LETTER REQUESTING TO MEET WITH DISTRICT PERMIT COORDINATOR UPON COMPLETION OF PERMITTED WORK TO EVALUATE PUNCH LIST FOR COMPLETION OF PROJECT.
- 3. ALL DISTURBED AREAS SHALL BE RE-SODDED OR SEEDED IN ACCORDANCE WITH THE LATEST ALDOT SPECIFICATIONS FOR GRASSING AS DIRECTED BY THE DEPARTMENT OF TRANSPORTATION'S DISTRICT MANAGER.
- 4. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF PART 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 5. THE ALDOT DISTRICT OFFICE IN ONEONTA, AL MUST BE NOTIFIED AT (205) 274-2112 IMMEDIATELY UPON A LANE CLOSURE BEGINNING AND ENDING.
- 6. ALL WORK ON ALDOT ROW SHALL MEET OR EXCEED ALDOT STANDARDS AND SPECIFICATIONS.
- 7. IF ANY INSTALLATION REQUIRES THE REMOVAL AND/OR REPLACEMENT OF SIDEWALK AND/OR HANDICAP RAMPS IT WILL NEED TO BE INCLUDED ON THE DRAWINGS AND A NOTE WILL NEED TO BE ADDED TO INDICATE THAT THE WORK WILL MEET ALL ADA REQUIREMENTS. ANY SIDEWALK AND/OR HANDICAP RAMP REMOVAL AND REPLACEMENT SHALL REQUIRE THE CLOSURE OF THE IMPACTED SIDEWALK/RAMP AND THE APPLICANTS PLAN FOR CLOSING THE SIDEWALK SHOULD BE INCLUDED IN THE PERMIT SUBMITTAL.
- 8. RIGHT-OF-WAY MARKERS OR MONUMENTS SHALL NOT BE DISTURBED.
- 9. THE DISTRICT'S PEAK HOURS ARE BEFORE 8:00 A.M AND AFTER 4:00 P.M. NO LANE CLOSURES OR POSSIBLE TRAFFIC INTERFERENCES SHALL BE ALLOWED DURING PEAK HOURS.
- 10. DURING NON-WORKING 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 IN AN AREA DESIGNATED BY THE ENGINEER AND APPROVED BY THE DISTRICT MANAGER AND DELINEATED BY REFLECTORIZED DRUMS.
- 11. IF THE WORK ENCROACHES WITHIN TWO FEET OF THE TRAVEL WAY THE LANE SHOULD BE CLOSED, AND THE NOTE SHOULD ALSO INDICATE THAT ANY ADDITIONAL LANE CLOSURES NOT INDICATED IN THE DRAWINGS REQUIRES ALDOT APPROVAL PRIOR TO THE LANE BEING CLOSED.
- 12. THE PERMIT IS NOT WITHIN ANY UPCOMING CONSTRUCTION PROJECTS.
- 13. THERE ARE NO ALDOT FIBER NEAR THE WORK SHOWN ON THE PLANS.
- 14. ALL CONTRACTORS WILL ADHERE TO OSHA STANDARDS.
- 15. CALL BEFORE YOU DIG: 811.
- 16. ALL MANHOLES, VALVE BOXES, HANDHOLES, AND CLEANOUTS SHALL BE MOUNTED FLUSH WITH EXISTING GROUND OR FINISH GRADE.
- 17. ALL WATER AND GAS METERS MUST BE INSTALLED OFF ALDOT RIGHT OF WAY.
- 18. ALL MANHOLES, VALVE BOXES, HANDHOLES, AND CLEANOUTS SHALL MEET OR EXCEED AN HS-20 LOAD.

- 18. ALL MANHOLES, VALVE BOXES, HANDHOLES, AND CLEANOUTS SHALL MEET OR EXCEED AN HS-20 LOAD.
- 19. NO TRENCH OR EXCAVATION SHALL BE LEFT OPEN OVERNIGHT OR UNATTENDED ON ROW UNLESS PROPERLY PROTECTED.
- 20. TRENCHES AND EXCAVATION MUST BE FILLED, FENCED, COVERED, OR BARRICADED WHEN UNATTENDED.
- 21. A SPECIAL AGREEMENT PERMIT IS NEEDED FOR UTILITY WORK THAT IS ASSOCIATED WITH AN ONGOING HIGHWAY/INTERSTATE PROJECT AND A LETTER FROM THE CONTRACTOR IF THE PERMIT WILL INVOLVE AN ACTIVE PROJECT.
- 22. IF THE INSTALLATION OF A UTILITY INVOLVES THE OPEN CUTTING OF ASPHALT OR CONCRETE DRIVES IT MUST BE INDICATED ON THE PERMIT DRAWINGS AND PERMISSION FROM THE OWNER(S) OF THE DRIVES MUST BE OBTAINED AND PROVIDED BEFORE A PERMIT REQUIRING THE OPEN-CUTTING OF PAVED DRIVEWAYS WILL BE CONSIDERED FOR APPROVAL.
- 23. THE ON-SITE REPRESENTATIVE(S) WILL HAVE ON HAND, AT ALL TIMES:
  - 1. APPROVED PERMIT AND PLANS.
  - 2. TRAFFIC CONTROL PLAN.
  - 3. EROSION CONTROL PLAN.





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THIS SHEET CONTAINS: HWY 231 BORE #1

SCALE: AS NOTED

NOTE: IN AREAS WHERE ROCK IS

ENCOUNTERED, 12" MIN. CRUSHED

STONE IS REQUIRED UNDER ALL

TYPES/KINDS OF PIPE

6" FOR 18"Ø AND LARGER PIPE

12" WHEN ROCK IS ENCOUNTERED

UNSUITABLE SOIL; BELL HOLES REQ'D FOR PIPES GREATER THAN 4" DIA.

\*\* TEMPORARY PUG-MIX BACKFILL REQ'D UNTIL PAVEMENT PLACEMENT IS COMPLETE. \*\*\* PIPE BEDDED IN 6-INCH MINIMUM LOOSE SOIL UNDER THE PIPE. BACKFILL CONSOLIDATED TO TOP OF PIPE. ALL BACKFILL IS NATIVE MATERIAL FREE OF 1" & LARGER ROCKS AND FOREIGN MATERIAL (APPROXIMATELY 80% STANDARD PROCTOR, AASHTO T-99). WHEN ROCK IS ENCOUNTERED USE 12" STONE UNDER PIPE. BELL HOLE MUST BE EXCAVATED FOR EACH JOINT OF PIPE.

SCALE N.T.S.

BEDDING AND BACKFILL FOR TRENCHES DETAIL

## <u>MATERIALS</u> DESCRIPTION CRUSHED STONE, ASTM-448 NO. 57 OR 67 GRADATION. FOR PVC USE NO. 67 STONE ONLY SELECT EXCAVATED MAT'L REASONABLY DRY (WITHIN LIMITS REQ'D FOR COMPACTION) NO STONES GREATER THAN 1" DIA. EXCAVATED MAT'L REASONABLY DRY (WITHIN LIMITS REQ'D FOR COMPACTION) NO STONES GREATER THAN 12" DIA. SELECT TOPSOIL MAT'L TO SUPPORT VEGETATION, NO STONES GREATER THAN 1/2" DIA. CRUSHED STONE, MOIST "PUG-MIX" PER ALDOT SECTION 825

## STANDARD NOTES:

A. SLOPE, BENCHING, SHORING, ETC. AS DETERMINED AND DESIGNED BY THE CONTRACTOR. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE OSHA REGULATIONS FOR "OPEN TRENCH EXCAVATIONS". ALSO, TO THE EXTENT POSSIBLE, AS DETERMINED BY THE CONTRACTOR, TRENCH WALL SHORING METHODS SHALL BE USED IN PAVED AREAS TO MINIMIZE PAVING REPAIR REQUIREMENTS.

B. ALL MATERIALS SHALL BE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR DENSITY AT 2%± OPTIMUM MOISTURE CONTENT TO PREVENT SETTLEMENT, UNLESS STATED OTHERWISE. MATERIALS UNDER PAVING, CONCRETE, STRUCTURES, ETC. SHALL BE COMPACTED TO A MINIMUM 98-100% STANDARD PROCTOR DENSITY, MECHANICAL COMPACTION SHALL BE BY VIBRATORY SHEEPSFOOT OR OTHER EQUIPMENT SPECIFICALLY DESIGNED FOR THE COMPACTION OF EARTH. COMPACTION EQUIPMENT SHALL BE ON-SITE PRIOR TO BEGINNING OF WORK. MECHANICAL COMPACTION SHALL BE COMPLETED IN LOOSE LIFTS AS SHOWN ON DETAILS.

C. BEDDING REQUIRED FOR ALL GRAVITY LINES, ALL PVC LINES, AND ALL CONCRETE LINES. BEDDING REQUIRED IN ALL AREAS OF ROCK EXCAVATION OR UNSUITABLE SOILS. BELL HOLES REQUIRED FOR PIPES GREATER THAN 4" DIAMETER.

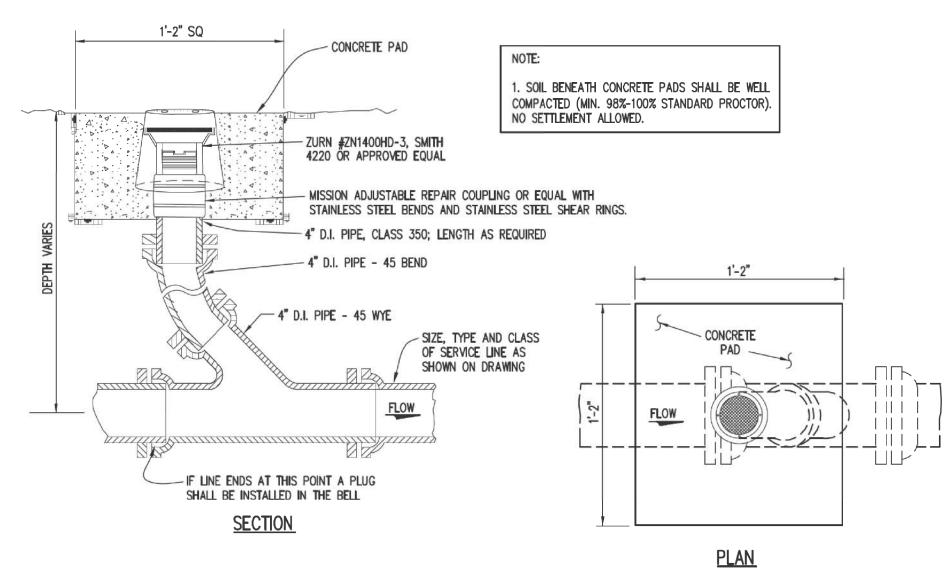
D. TEMPORARY COMPACTED PUG-MIX BACKFILL REQUIRED UNTIL PAVEMENT PLACEMENT IS COMPLETE. THE CONTRACTOR SHALL CONTINUOUSLY MAINTAIN THIS PUG-MIX TO KEEP IT FLUSH WITH THE ADJACENT PAVING, ETC. UNTIL THE FINAL PAVING IS PLACED. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY ASPHALT OR CONCRETE PATCHES WHEN NEEDED FOR PUBLIC SAFETY AND/OR CONVENIENCE.

E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING AND UTILIZING APPROPRIATE MEANS AND METHODS OF CONSTRUCTION TO ENSURE THAT THE ENTIRE AREAS UNDER THE HAUNCHES OF THE PIPE ARE FILLED WITH THE REQUIRED MATERIALS AND COMPACTED APPROPRIATELY.

F. ADDITIONAL AND/OR SPECIAL REQUIREMENTS MAY BE REQUIRED BY THE CITY.

NOTE: FOR USE OFF ALDOT ROW ONLY

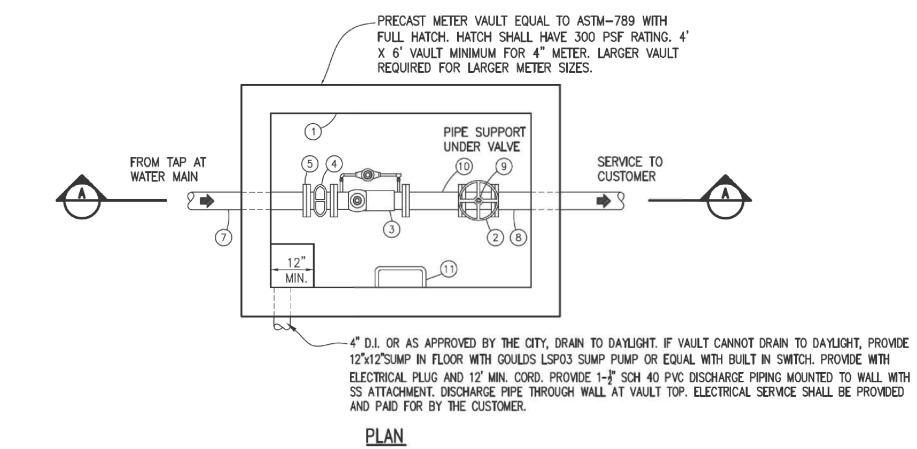
ASPHALT PAVED AREAS AND DRIVEWAYS

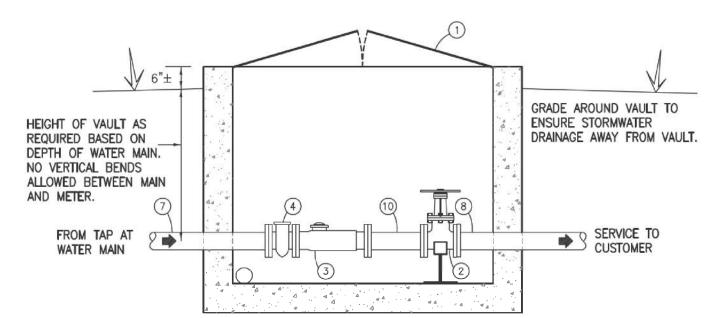


DETAIL - SEWER SERVICE CLEANOUT SCALE N.T.S.

NOTE: FOR USE OFF ALDOT ROW ONLY

NOTE: FOR USE OFF ALDOT ROW ONLY





(6) 12" MANHOLE STEPS AT 12" O.C. (7) DI PE x PE (8) DI FLG x PE (9) PIPE SUPPORT, B-LINE B3088 STAND AND B3095 SUPPORT 10 DI FLG x FLG, LENGTH SHALL BE A MINIMUM OF FIVE PIPE DIAMETERS OR PER METER MANUFACTURER

(3) MASTER METER DUAL BODY COMPOUND METER OR

5) FLANGE ADAPTER, MEGA-FLANGE OR EQUAL

MATERIAL LIST

1) FULL HATCH, 300 PSF RATING

RESILIENT SEAT GATE VALVE, FL

OTHER CITY APPROVED METER

(4) MASTER METER BRONZE STRAINER

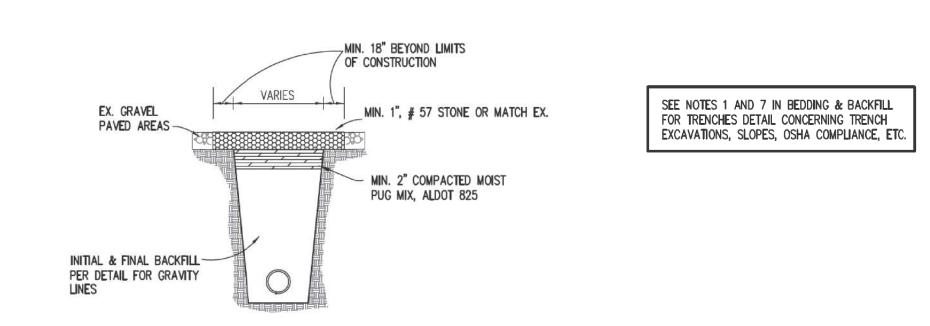
(11) 18" ALUMINUM LADDER W/ TELESCOPING GRAB BARS

SECTION A-A

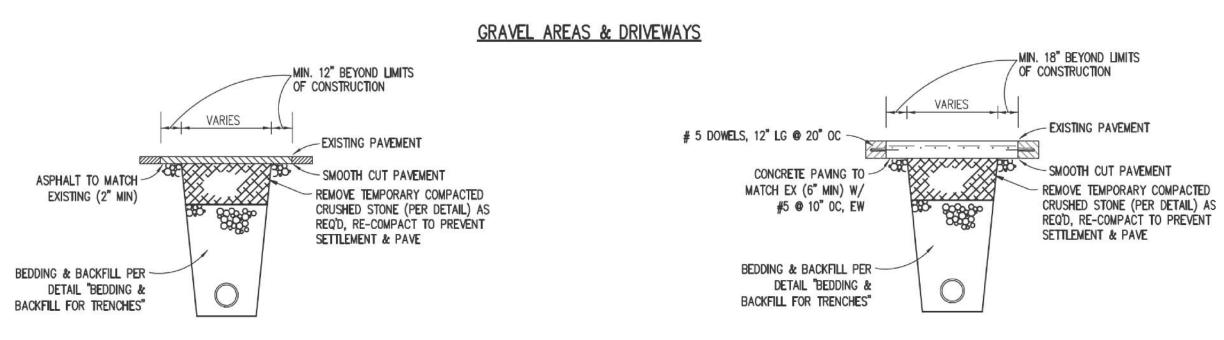
## METER VAULT ASSEMBLY FOR METERS GREATER THAN 2'

SCALE N.T.S.

NOTE: FOR USE OFF ALDOT ROW ONLY



CONCRETE PAVED AREAS AND DRIVEWAYS



TYPICAL ROAD CROSSING BY OPEN CUT

SCALE N.T.S.

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SCALE: NONE

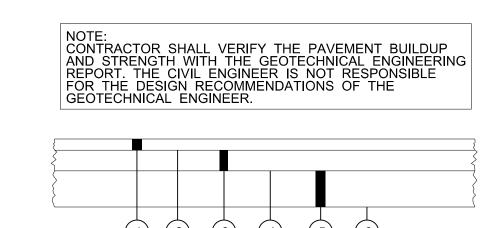
TYPICAL METER INSTALLATION-SHORT SIDE

SCALE N.T.S.

NOTE: FOR USE

OFF ALDOT ROW ONLY

> NOTE: FOR USE OFF ALDOT ROW ONLY



FITTINGS REQ'D TO INSTALL NEW SERVICE AND RECONNECT TO EXISTING

6. COORDINATE WITH OWNER PRIOR TO RECONNECTING SERVICE.

APPROVED BY THE CITY, SHALL BE PROVIDED.

7. IF EXISTING MAIN IS PVC, A FORD 202B SADDLE, OR EQUAL AS

SERVICE LINE.

- REQUIRED 1½" IMPROVED BITUMINOUS CONCRETE WEARING SURFACE LAYER, ½" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A, B, AND C (ALDOT SECTION 429)
- 2 REQUIRED TACK COAT (ALDOT 405)
- REQUIRED 2½" IMPROVED BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A, B, AND C (ALDOT SECTION 429)
- REQUIRED BITUMINOUS TREATMENT (PRIME) (ALDOT 401, TYPE A)
- Tequired 8" Crushed aggregate base course, type b (ALDOT 301 & ALDOT 825)
- 6 SUBGRADE: TOP 24 INCHES 100% COMPACTION ASTM

DETAIL - HEAVY DUTY
ASPHALT PAVING
SCALE: NONE

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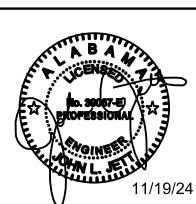
ERMIT -ATION #2

VILLIY PER V FIRE STAT

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PROJECT INFO:
INSITE JOB No. 24031.00

PLOTTED: 11/19/24



THIS SHEET CONTAINS:
UTILITY DETAILS

SCALE: NONE

UP-4

# TEMPORARY TRAFFIC CONTROL PLAN SHEET

REFERENCE FISCAL | SHEET YEAR PROJECT NO

NO

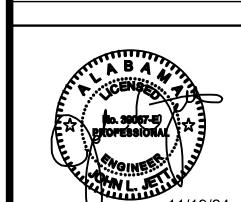
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THIS SHEET CONTAINS TRAFFIC CONTROL

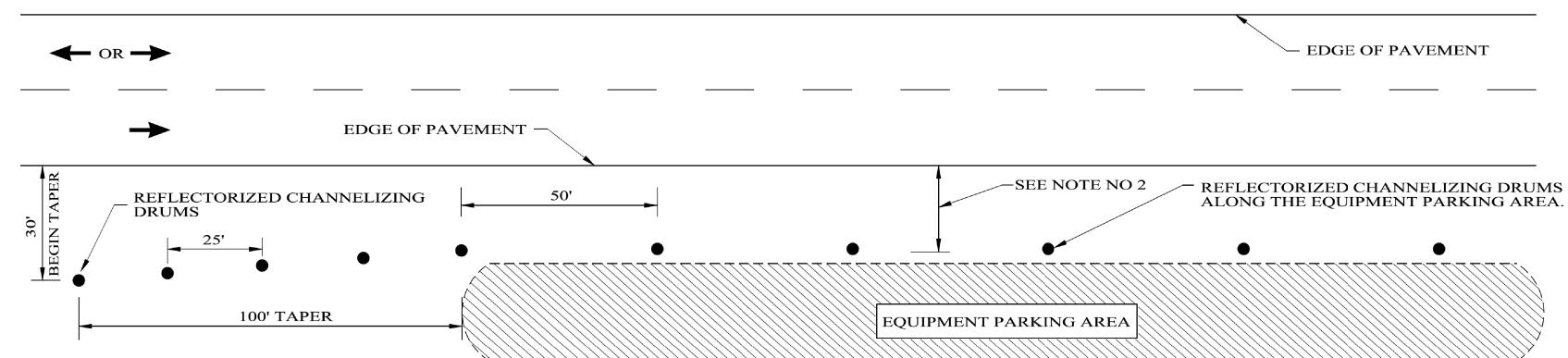
PAVEMENT WIDENING TRAVELWAY OR SHOULDER AREA 50' INTERVALS -WEDGE MATERIAL TO BE SUBSIDIARY OBLIGATION OF THE ADJACENT LAYER

(FOR USE WHERE EXCAVATION HAS BEEN DONE. BUT WIDENING IS NOT COMPLETED BY NIGHTFALL OR WHERE PAVEMENT DROP OFF OF RESURFACING PROJECTS IS 3" OR MORE AT NIGHTFALL)

## TYPICAL FOR DROP-OFF AT EDGE OF PAVEMENT

THE CONTRACTOR IS TO CONSTRUCT A WEDGE OF UNCLASSIFIED EXCAVATION OR CRUSHED AGGREGATE BASE. THE COST OF PLACING AND REMOVAL SHALL BE A SUBSIDIARY OBLIGATION OF THE

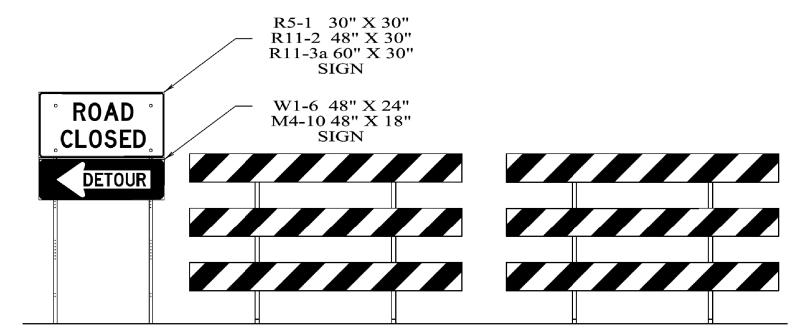
CHANNELIZING DRUMS SHALL BE PLACED AT 50 FT INTERVALS.



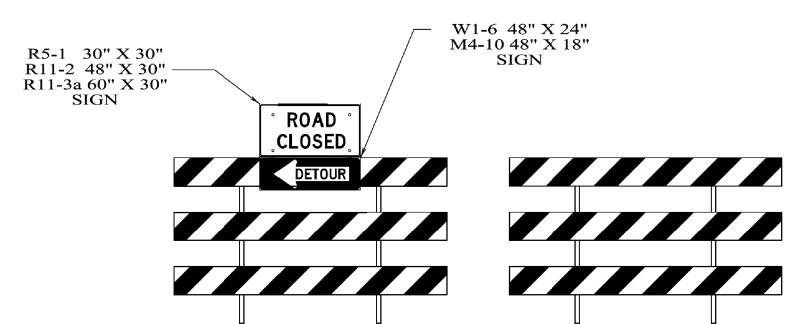
## NOTES:

- 1. SEE ALDOT'S GENERAL TRAFFIC CONTROL PLAN NOTE NO. 702.
- 2. DRUMS TO BE AS FAR AS PRACTICAL FROM EDGE OF PAVEMENT, MINIMUM DESIRABLE DISTANCE IS 15 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.
- ALL DEVICES TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE ALDOT.

## DELINEATING DETAIL FOR EQUIPMENT PARKING OR STORING AREA



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES INSIDE OF CLEAR ZONE



DETAILS FOR TYPICAL PLACEMENT OF TYPE

- 1. SLOPE OF STRIPES ON BARRICADES SHALL BE IN ACCORDANCE WITH SECTION 6F.68 OF THE MUTCD AND DRAWING B-107-2.
- IF SIGNS ARE REQUIRED TO BE USED IN CONJUNCTION WITH TYPE III BARRICADES TO BE PLACED INSIDE THE CLEAR ZONE, THEY SHALL BE POST MOUNTED

OF TRANSPORTATION 1409 COLISEUM BOULEVARD

OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

Bureau Std Engr: D.J.W. DATE DRAWN: \_\_\_\_

DESIGN BUREAU SPECIAL DRAWING

STANDARD DETAILS FOR

TRAFFIC CONTROL PLANS

NOT TO SCALE

SPECIAL PROJECT DETAIL

--SPECIFICATIONS--

CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

2001

INDEX NO

DETAILS

SCALE: NONE

NOTE: FOR USE WITHIN ALDOT ROW

III BARRICADES OUTSIDE OF CLEAR ZONE

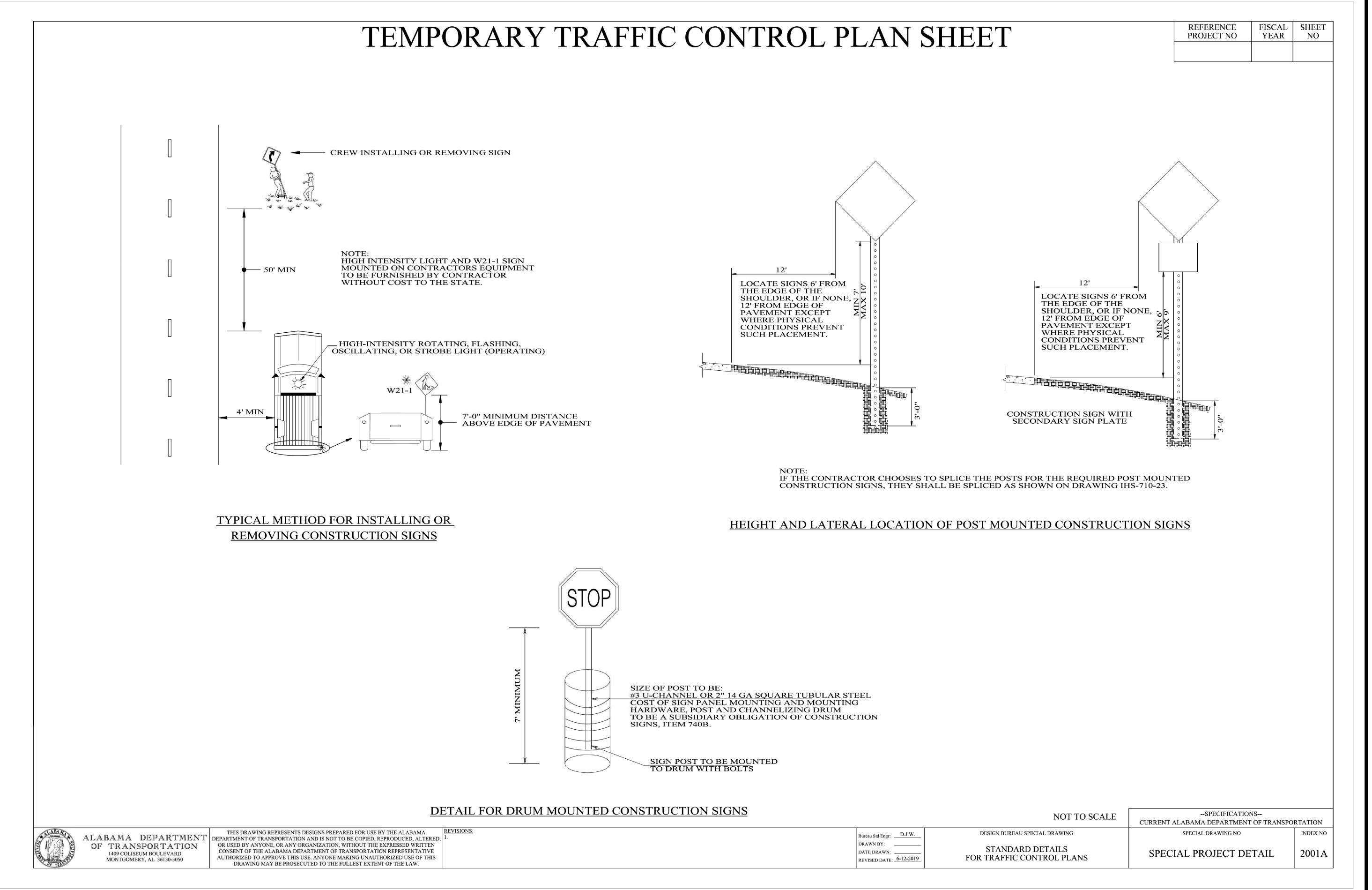
**NOTES** 

TO THE SIDE OF THE BARRICADES AS SHOWN.

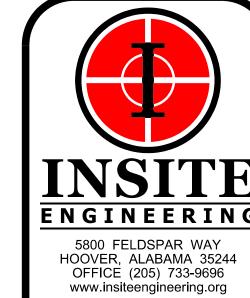
3. IF ROAD CLOSED OR DETOUR SIGNS ARE REQUIRED TO BE USED WITH TYPE III BARRICADES TO BE PLACED OUTSIDE THE CLEAR ZONE, THEY SHALL BE PLACED ON THE TOP OF THE BARRICADES NEAREST THE DETOUR.

THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA ALABAMA DEPARTMENT DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPRODUCED, ALTERED, 1. Corrected text overlap on 12-8-2021 by D.J.W.

DRAWN BY: REVISED DATE: \_12-8-2021



NOTE: FOR USE WITHIN ALDOT ROW



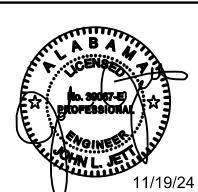
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PERMIT -STATION #2

PELL CITY ALABAMA

BID RELEASE SET

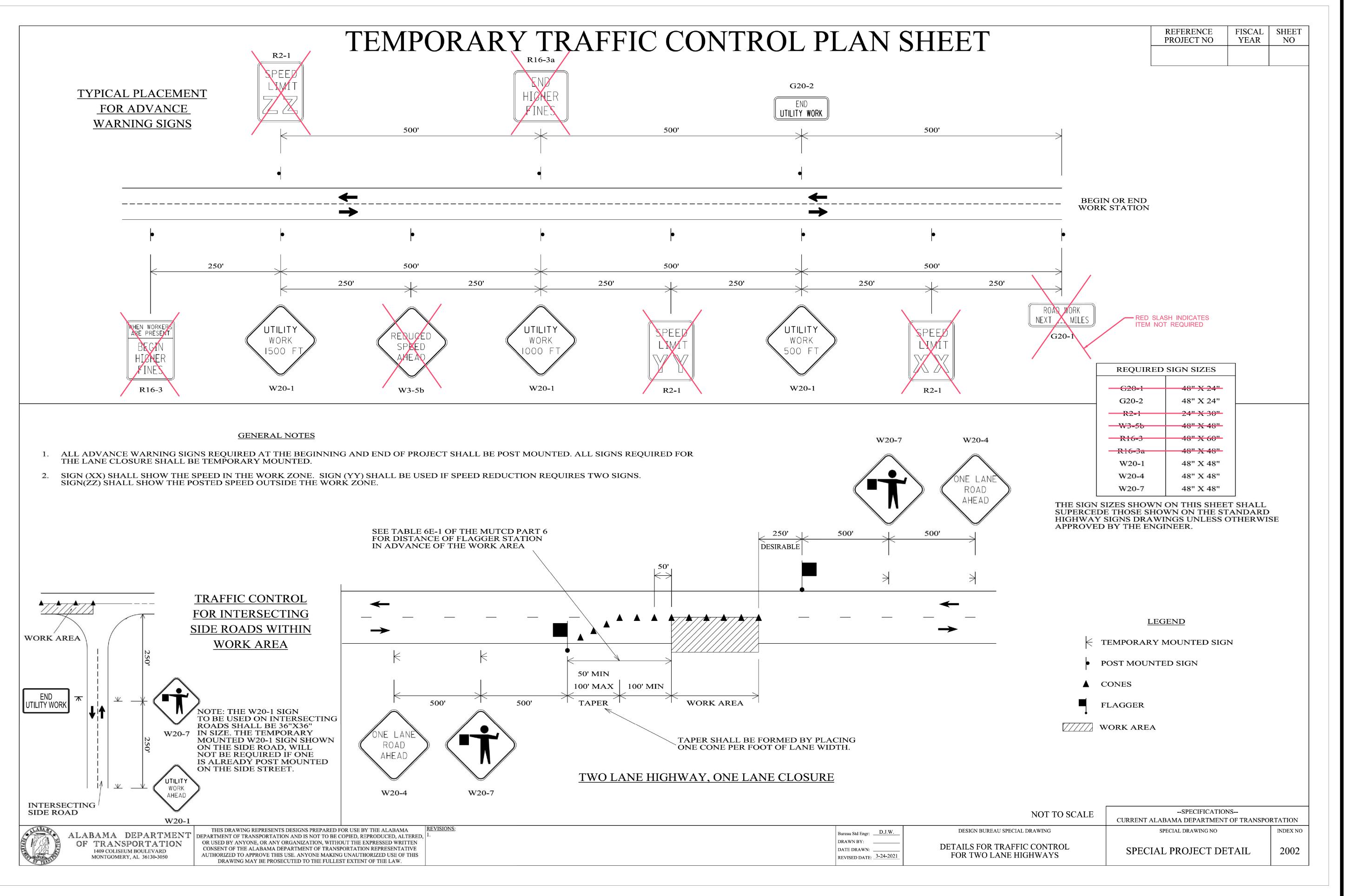
PROJECT INFO:
INSITE JOB No. 24031.00
PLOTTED: 11/19/24



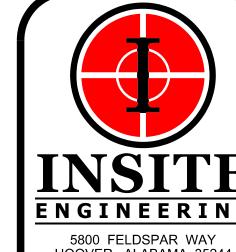
THIS SHEET CONTAINS:
TRAFFIC CONTROL
DETAILS

SCALE: NONE

UP-6



NOTE: FOR USE WITHIN ALDOT ROW



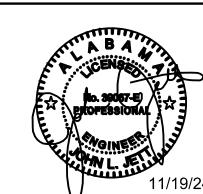
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RELEASE SET

PROJECT INFO INSITE JOB No. 24031.00 PLOTTED: 11/19/24



THIS SHEET CONTAINS: TRAFFIC CONTROL DETAILS

SCALE: NONE



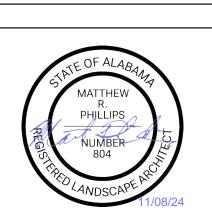
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# PELL CITY FIRESTATION #

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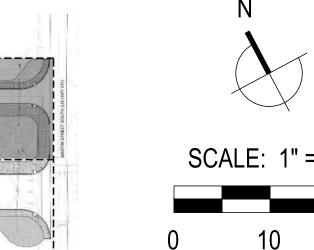
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INSITE JOB No. XXXXXX.00
PLOTTED: 11/08/24

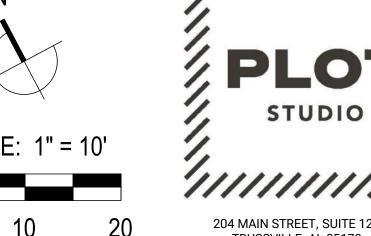


THIS SHEET CONTAINS:

OVERALL LANDSCAPE
PLAN

SCALE: 1"= 40'





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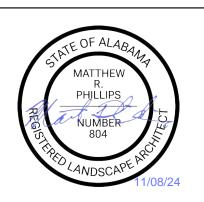
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## CODE BOTANICAL NAME COMMON NAME Quercus phellos Willow Oak Ulmus parvifolia 'UPTMF' Bosque® ORNAMENTAL TREES JI Juniperus virginiana 'Idyllwild' Idyllwild Eastern Redcedar Magnolia grandiflora 'Little Gem' Little Gem Dwarf Southern Magnolia Australis Bay Magnolia STD Magnolia virginiana 'Australis' Distylium x 'PIIDIST-V' Cinnamon Girl Distylium Little Lime® Panicle Hydrangea Hydrangea paniculata 'Jane' llex cornuta 'Needlepoint' Needlepoint Chinese Holly Adagio Eulalia Grass Miscanthus sinensis 'Adagio' Pink Muhly Grass Muhlenbergia capillaris GROUND COVERS CH Cynodon dactylon Bermuda Hydroseed Cynodon dactylon x C. transvaalensis Tifway 419 Bermudagrass

**ISSUED** FOR CONSTRUCTION

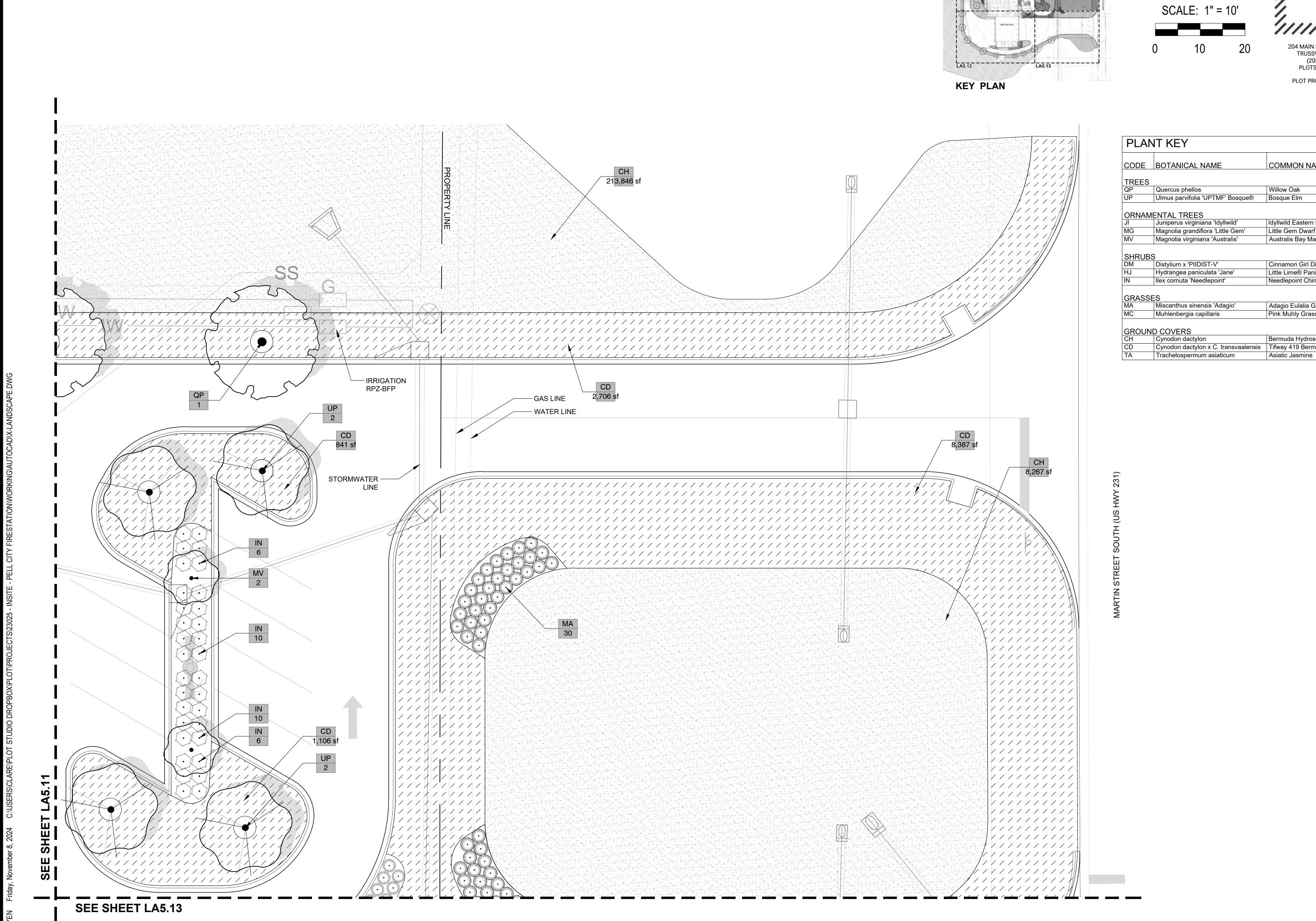
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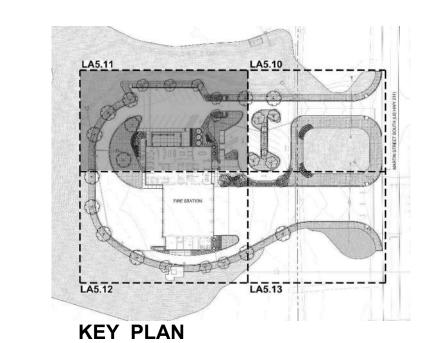


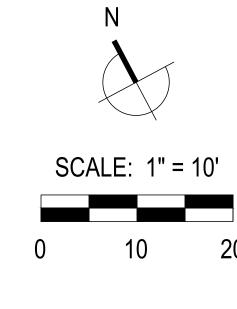
THIS SHEET CONTAINS: LANDSCAPE PLAN

SCALE: 1"= 10'



SHRUBS										
DM	Distylium x 'PIIDIST-V'	Cinnamon Girl Distylium								
HJ	Hydrangea paniculata 'Jane'	Little Lime® Panicle Hydrangea								
IN	llex cornuta 'Needlepoint'	Needlepoint Chinese Holly								
GRASSES										
MA	Miscanthus sinensis 'Adagio'	Adagio Eulalia Grass								
MC	Muhlenbergia capillaris	Pink Muhly Grass								
GROUND COVERS										
СН	Cynodon dactylon	Bermuda Hydroseed								
CD	Cynodon dactylon x C. transvaalensis	Tifway 419 Bermudagrass								
TA	Trachelospermum asiaticum	Asiatic Jasmine								







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# PELL CITY RESTATION #2

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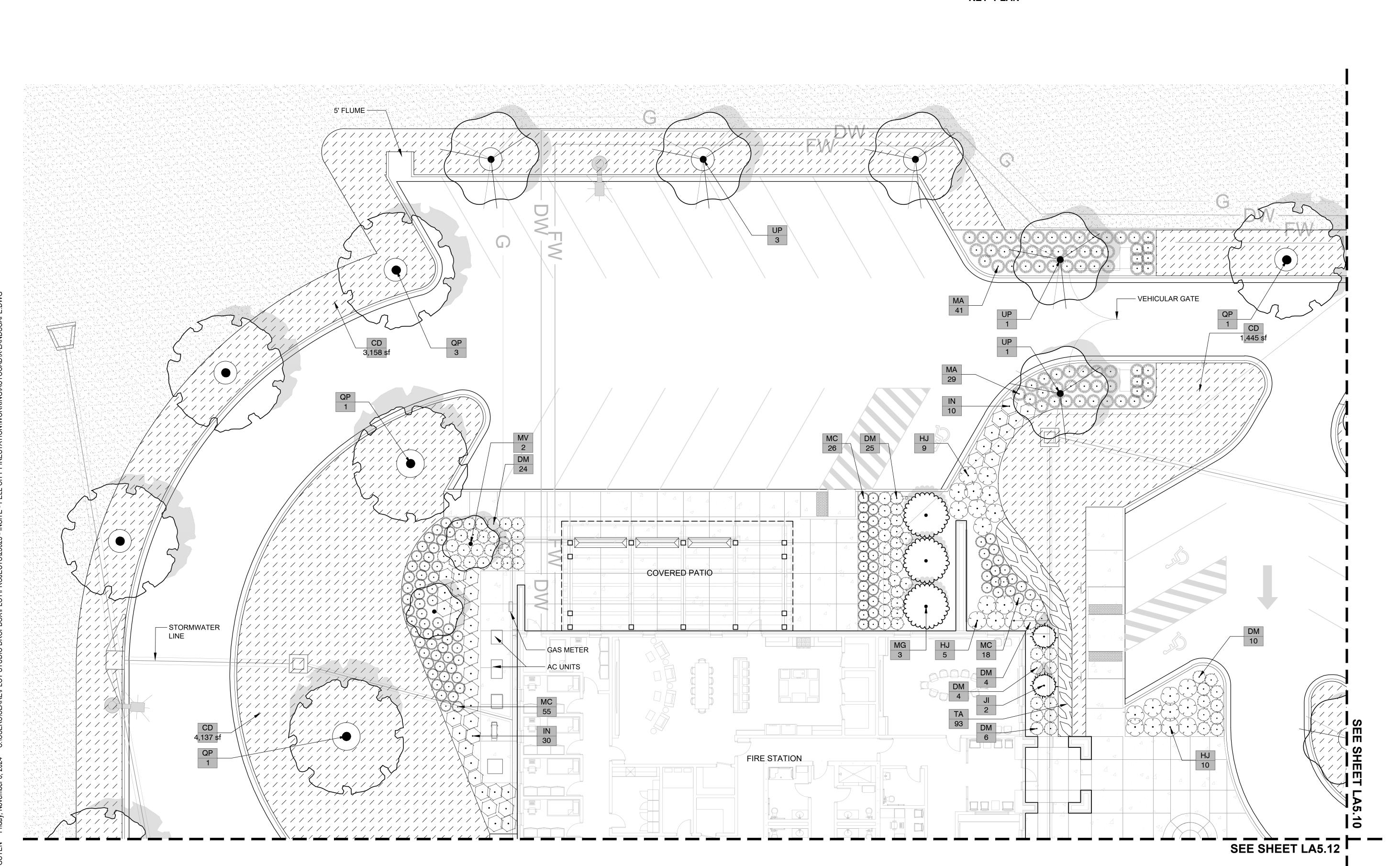
PROJECT INFO:
INSITE JOB No. XXXXX.
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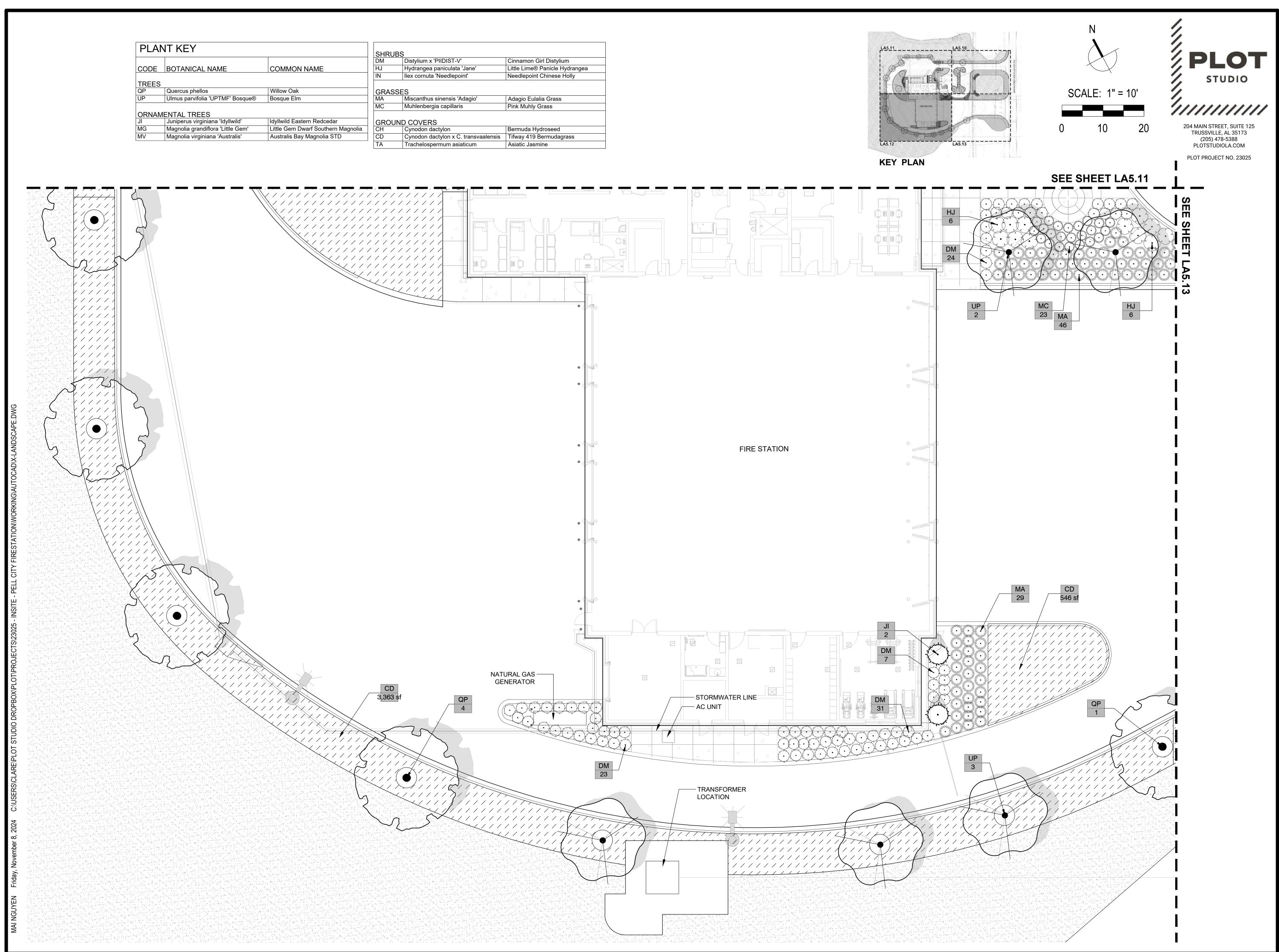
STATE OF ALABAMA
MATTHEW
R.
PHILLIPS



THIS SHEET CONTAINS: LANDSCAPE PLAN

SCALE: 1"= 10'







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# PELL CITY IRESTATION #2

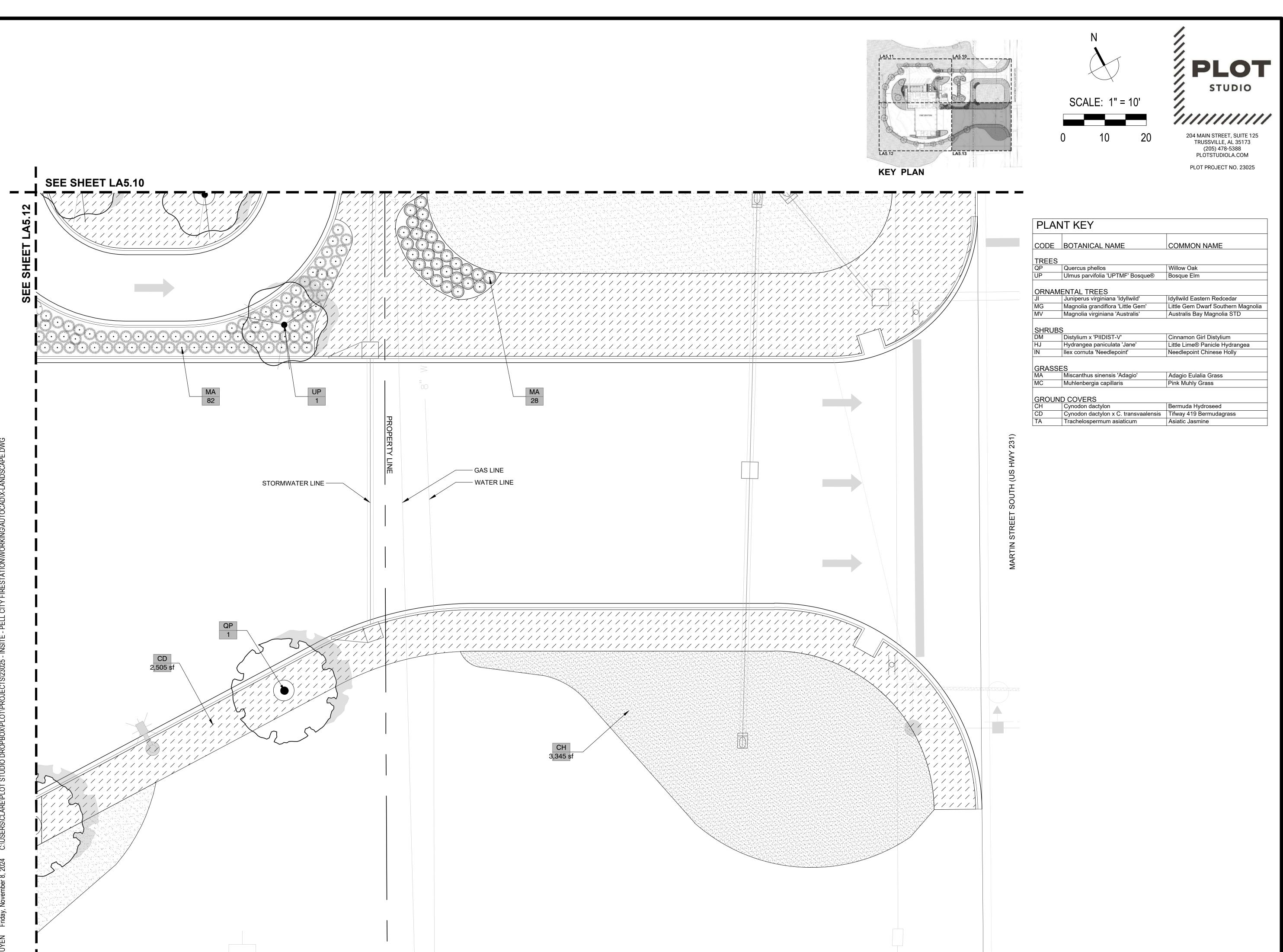
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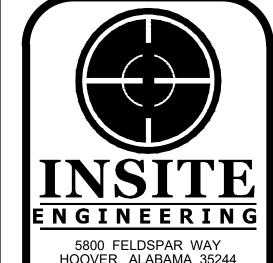
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THIS SHEET CONTAINS:

SCALE: 1"= 10'





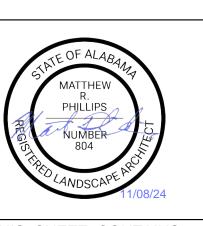
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# PELL CITY ESTATION #2

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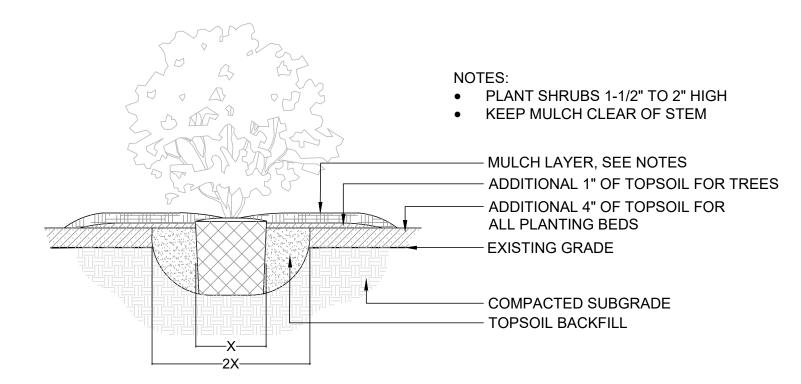
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THIS SHEET CONTAINS:

SCALE: 1"= 10'

MATERIAL FROM VISIBLE ROOT BALL

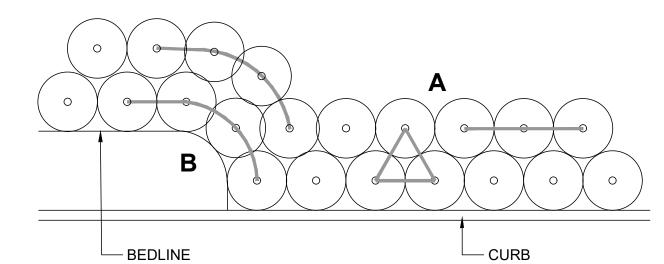


## TYPICAL SHRUB PLANTING

## SHRUB LAYOUT GUIDELINES:

A. SHRUBS AND GROUNDCOVERS ADJACENT TO STRAIGHT EDGES SHALL BE TRIANGULARLY SPACED IN ROWS PARALLEL TO THE STRAIGHT EDGE

B. SHRUBS AND GROUNDCOVERS ADJACENT TO CURVED EDGES SHALL BE PLANTED IN ROWS PARALLEL TO THE CURVED EDGE. CURVED EDGES TO BE VERY SMOOTH RADII.



TYPICAL SHRUB SPACING

## **LANDSCAPE NOTES:**

- CONTRACTOR IS REQUIRED TO FOLLOW THESE LANDSCAPE NOTES, DETAILS AND SPECIFICATIONS.
- 2. ALL PLANT MATERIAL SHALL MEET ANSI Z60.1 AMERICAN STANDARD FOR NURSERY STOCK.
- 3. ALL PLANT BEDS SHALL BE DRESSED WITH 3" LAYER OF MULCH UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- 5. ALL PLANTS SHALL MEET SIZE, CONTAINER, AND SPACING SPECIFICATIONS. ANY MATERIAL NOT MEETING SPECIFICATIONS SHALL BE
- LOCATIONS PRIOR TO INSTALLATION. IF PLANT MATERIAL IS INSTALLED PRIOR TO LANDSCAPE ARCHITECT'S APPROVAL, CONTRACTOR
- 8. ALL SHRUBS SHALL BE PLANTED 1-1/2" AND TREES 2-1/2" ABOVE GRADE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PLANT
- 9. CONTRACTOR SHALL INSTALL AND / OR AMEND TOPSOIL IN ALL PROPOSED BED AREAS TO MEET ASTM D5268 STANDARDS. PERFORM SOIL TESTING PRIOR TO CONSTRUCTION AS NEEDED TO MEET STANDARDS.
- 11. SOIL SHALL BE FREE FROM CONSTRUCTION DEBRIS.
- 14. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR OWN TAKE OFFS AND QUANTITIES. THE QUANTITIES ON THE PLANT LIST SERVE ONLY AS A GUIDE TO THE OWNER AND L.A. THIS INCLUDES SOD AND MULCH QUANTITIES OF WHICH THE CONTRACTOR SHALL BE HELD TO BID QUANTITIES. IN THE EVENT OF A CONFLICT BETWEEN QUANTITIES REPRESENTED ON THE PLAN VS. QUANTITIES
- 15. CONTRACTOR SHALL MAINTAIN TREES IN A STRAIGHT AND PLUMB POSITION FOR ONE YEAR. CONTRACTOR SHALL STAKE ALL TREES IF
- 17. SUCCESSFUL BIDDER SHALL LOCK UP ALL MATERIALS IMMEDIATELY AFTER CONTRACT ASSIGNMENT. PLANTS SHALL BE HELD DURING THE PERIOD FROM CONTRACT TO INSTALLATION TO ALLOW ADDITIONAL GROWTH. ALL PLANTS WILL BE REQUIRED TO BE FULL AND HEALTHY. CONTRACTOR SHALL ARRANGE FOR PLANT APPROVAL PRIOR TO DELIVERY, EITHER BY SAMPLES. PHOTOS, OR NURSERY
- ATTENTION OF OWNER/LANDSCAPE ARCHITECT FOR REMEDIAL ACTION.

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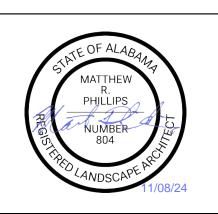
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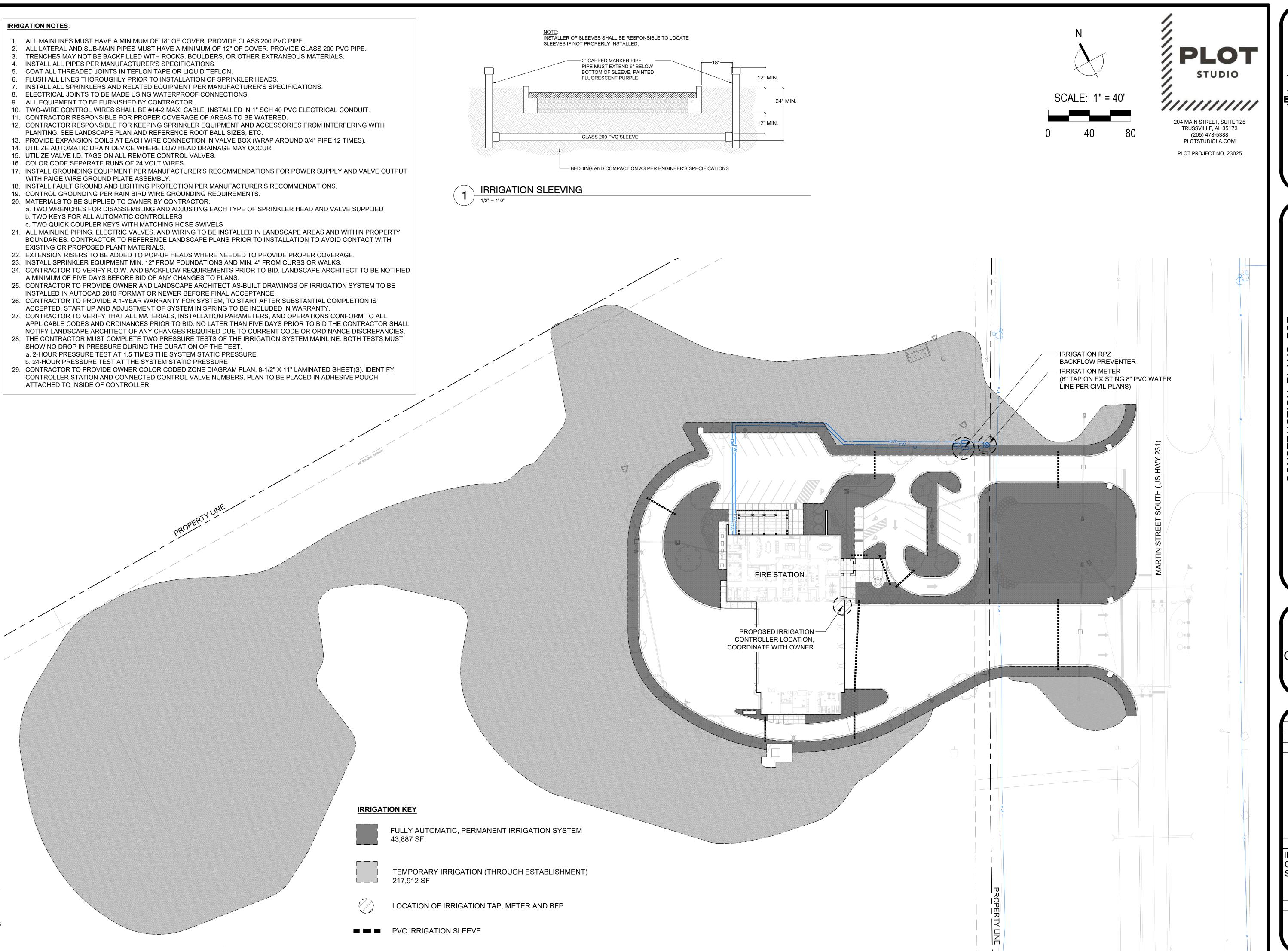
THIS SHEET CONTAINS PLANT SCHEDULE. **DETAILS AND NOTES** 

## 4. CONTRACTOR SHALL VERIFY AND MARK ALL EXISTING UTILITIES PRIOR TO INSTALLATION.

- REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL BE RESPONSIBLE TO RECEIVE THE LANDSCAPE ARCHITECT'S APPROVAL OF ALL PLANT BED LAYOUTS AND TREE
- WILL BE SUBJECT TO RELOCATING THE MATERIAL AT THE LANDSCAPE ARCHITECT'S REQUEST AND THE CONTRACTOR'S OWN EXPENSE. INSTALL ALL PLANT MATERIAL IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.
- HEALTH IN ON-SITE SOILS.
- 10. CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING. GRADING SHALL BE SUBJECT TO THE APPROVAL OF THE LANDSCAPE
- SHOWN ON THE PLANT LIST, THE PLAN SHALL CONTROL.
- REQUIRED BY THE JURISDICTION.
- 16. PRIOR TO REMOVAL OF ANY TREES, THE TREES TO BE RETAINED SHALL HAVE PROTECTIVE TREE BARRIERS.
- 18. CONTRACTOR SHALL BE RESPONSIBLE FOR WARRANTY OF HEALTH OF PLANTS IN ON-SITE SOILS. IF, DURING DIGGING, CONTRACTOR DISCOVERS WATER-LOGGED, CLAYEY, COMPACTED OR SIMILARLY POORLY DRAINED SOILS, IT SHOULD BE BROUGHT TO THE
- 19. CONTRACTOR SHALL ANTICIPATE THE FIRST FIVE FEET AROUND BUILDING PERIMETER WILL BE COMPACTED AND FOUNDATION BEDS SHOULD BE TILLED AND IMPROVED TO SUSTAIN VIGOROUS, HEALTHY PLANT GROWTH.

# PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER		QTY	REMARKS		
TREES									
	QP	Quercus phellos / Willow Oak	3" Cal.	B&B		13	15-17' Ht., 5-6' Clear Trunk, Strong Central Leader		
	UP	Ulmus parvifolia 'UPTMF' Bosque® / Bosque Elm	3" Cal.	B&B		15	18-20' Ht., 5-6' Clear Trunk, Strong Central Leader		
ORNAMENTAL TREES									
And a second	JI	Juniperus virginiana 'Idyllwild' / Idyllwild Eastern Redcedar	6` Ht.	B&B		4	6' Ht., Full, Healthy		
£ .	MG	Magnolia grandiflora 'Little Gem' / Little Gem Dwarf Southern Magnolia	12` Ht.	B&B		3	12' Ht., Full, Healthy		
	MV	Magnolia virginiana 'Australis' / Australis Bay Magnolia STD	2" Cal.	B&B		4	10-12' Ht., Standard Trunk		
SHRUBS									
•	DM	Distylium x 'PIIDIST-V' / Cinnamon Girl Distylium	3 gal.	Pot		158	18-24" Ht., 24-30" Spd.		
	HJ	Hydrangea paniculata 'Jane' / Little Lime® Panicle Hydrangea	7 gal.	Pot		36	30-36" Ht., 30-36" Spd.		
•	IN	Ilex cornuta 'Needlepoint' / Needlepoint Chinese Holly	5 gal.	Pot		72	30-36" Ht., 24-30" Spd.		
<u>GRASSES</u>									
•	MA	Miscanthus sinensis 'Adagio' / Adagio Eulalia Grass	3 gal.	Pot		285	18"-24" Ht., Full Container		
ANNOVALUE OF THE PROPERTY OF T	MC	Muhlenbergia capillaris / Pink Muhly Grass	3 gal.	Pot		122	18"-24" Ht., Full Container		
GROUND COVERS									
	СН	Cynodon dactylon / Bermuda Hydroseed	seed	Square Foot		225,458 sf			
	CD	Cynodon dactylon x C. transvaalensis / Tifway 419 Bermudagrass	sod	Square Foot		28,194 sf	Rolled, weed-free		
	TA	Trachelospermum asiaticum / Asiatic Jasmine	1 gal.	Pot	18" o.c.	93	Full container		



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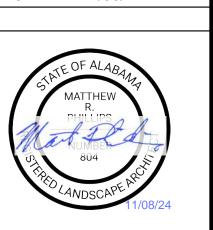
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THIS SHEET CONTAINS
IRRIGATION
COVERAGE AND
SLEEVING PLAN

SCALE: 1"= 40'