

Advanced Engineering Services, LLC

SITE DEVELOPMENT PLANS

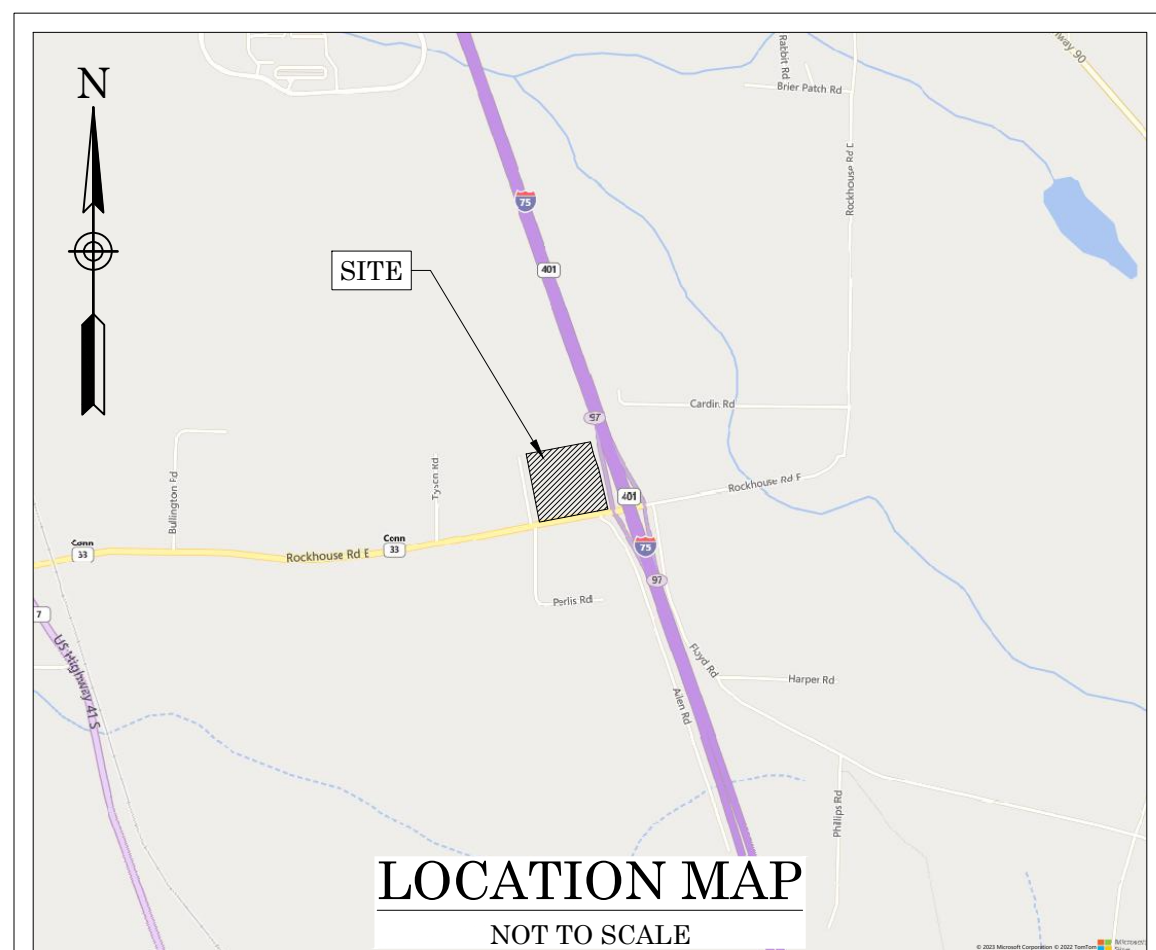
FOR

CORDELE TRAVEL CENTER

CRISP COUNTY, GEORGIA

PREPARED FOR:

STROUD AND COMPANY



I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATERS OR THE SAMPLING OF THE STORMWATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR100001.

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

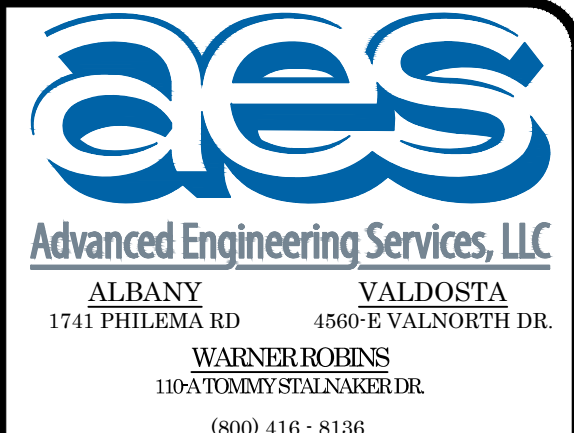
0000007595
01/15/2025
DATE

CONSTRUCTION EXIT
GPS LOCATION
LATITUDE: 31.9067° N
LONGITUDE: 83.7392° W



SITE DATA TABLE	
OWNER DEVELOPER	STROUD AND COMPANY P.O. BOX 4044 MACON, GEORGIA 31208 (478) 743-5097 dleonard@stroudandcompany.com
PROJECT LOCATION	373 E ROCKHOUSE ROAD CORDELE, GEORGIA 31010
TAX MAP & PARCEL NUMBER	034L 016B (15.91 ACRES)
ZONING / LAND USE	HC (HEAVY COMMERCIAL)
LAND LOT / LAND DISTRICT	LAND LOT 48, 11 TH LAND DISTRICT
PROJECT AREA	18.50 ACRES
IMPERVIOUS AREA	12.87 ACRES
PROPOSED USE	TRAVEL CENTER
BUILDING AREA	11,963 SF
DISTURBED AREA	18.0 ACRES

DATE:
JUNE 2023



EXP. 06/30/2026



01/15/2025

AES PROJECT NUMBER

60161

DATE OF PLANS

06/16/2023

REVISIONS

NO.	DATE	DESCRIPTION
1	07/27/2023	REVISED PER DOT/ESPC COMMENTS
2	09/12/2023	ISSUED FOR CONSTRUCTION
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6	12/16/2024	ESPC MODIFICATIONS
7	01/15/2025	GRADING AND SITE PLAN REVISIONS
8	-	-
9	-	-
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CORDELE TRAVEL CENTER
STROUD AND COMPANY
PROJECT COVER

CRISP COUNTY, GEORGIA

NOT TO SCALE

SHEET

C1.0 OF 29



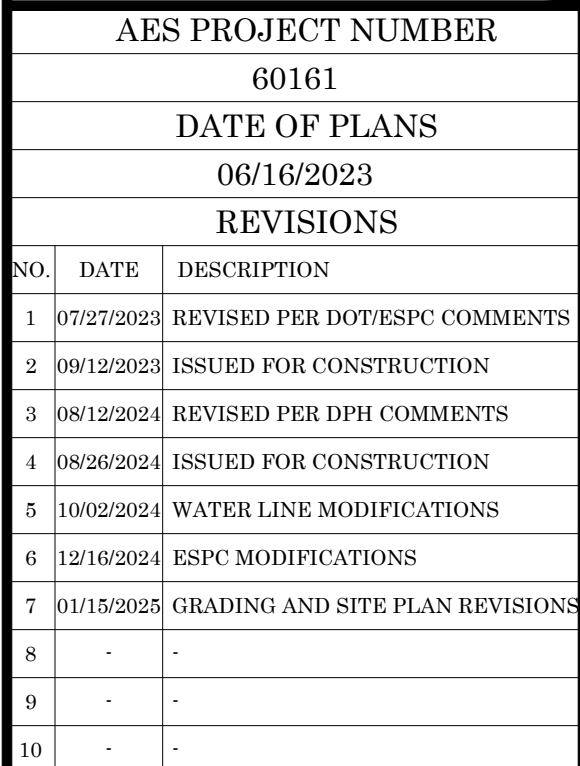
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASSURING ALL REQUIRED PERMITS ARE OBTAINED PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE LOCAL AUTHORITY HAVING JURISDICTION AND / OR THE LOCAL DEPARTMENT OF TRANSPORTATION.
2. THE CONTRACTOR SHALL REVIEW ALL CONSTRUCTION DOCUMENTS AND REPORTS TO BECOME FAMILIAR WITH THE PROPOSED PROJECT. THE CONTRACTOR SHALL OBTAIN FIRST HAND KNOWLEDGE OF THE PROJECT AREA.
3. ALL DATA SHOWN HEREON ARE BASED UPON FIELD INVESTIGATION AND / OR ENGINEERS KNOWLEDGE OF THE PROJECT AREA. THIS DATA SHALL BE USED AS INFORMATION ONLY AND IN NO WAY GUARANTEE OR BIND THE ENGINEER AS TO ACTUAL FIELD CONDITIONS.
4. UNDERGROUND UTILITY INFORMATION SHOWN HEREON ARE BASED ON ABOVE GROUND STRUCTURES AND / OR GROUND MARKINGS BY OTHERS. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THE UNDERGROUND UTILITY INFORMATION SHOWN HEREON.
5. THE CONTRACTOR SHALL PROVIDE 72 HOUR NOTICE TO THE UTILITIES PROTECTION CENTER PRIOR TO CONSTRUCTION COMMENCEMENT OR EXCAVATION. THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION FOR ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA AND REPAIR ANY UTILITIES DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER/DEVELOPER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING FOR ALL VARIATIONS / DISCREPANCIES IN UTILITY INFORMATION SHOWN HEREON.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN INTERPRETATION OF ALL SURFACE AND SUBSURFACE CONDITIONS AS RELATED TO THE PROJECT SCOPE FOR EXACTING AND GRADING OF THE PROJECT AREA. THE CONTRACTOR SHALL MAKE HIS/HER OWN DETERMINATION OF SUITABLE FILL /WASTE MATERIAL AS RECOMMENDED BY THE GEOTECHNICAL REPORT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL FILL MATERIAL. FILL MATERIAL SHALL BE CLEAN AND FREE OF ALL DEBRIS AND ORGANIC MATERIAL.
8. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WITHIN 24 HOURS OF ANY VARIATIONS, DISCREPANCIES, AND / OR CONFLICTS FOR ALL INFORMATION SHOWN HEREON AND / OR UNSATISFACTORY FIELD CONDITIONS AS RELATED TO THE PROJECT SCOPE. NO WORK SHALL COMMENCE UNTIL VARIATIONS, DISCREPANCIES, CONFLICTS, AND UNSATISFACTORY FIELD CONDITIONS ARE RESOLVED.

1. THE TOPOGRAPHIC WAS PROVIDED BY J.B. FAIRCLOTH & ASSOCIATES, P.C. AND DATED 19 SEPTEMBER 2022. A COPY CAN BE PROVIDED UPON WRITTEN REQUEST.
2. REPORTS:
 - A. NO GEOTECHNICAL INVESTIGATION HAS BEEN PERFORMED FOR THE PROJECT AREA. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WITHIN 24 HOURS OF ANY UNSUITABLE SUBSURFACE MATERIAL ENCOUNTERED DURING CONSTRUCTION.
 - B. NO ENVIRONMENTAL ASSESSMENT HAS BEEN PERFORMED FOR THE PROJECT AREA. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WITHIN 24 HOURS OF ANY ENVIRONMENTAL CONCERN ENCOUNTERED WITHIN THE PROJECT AREA.
 - C. NO ACM SURVEY HAS BEEN PERFORMED. THE CONTRACTOR SHALL TAKE CARE WHEN HANDLING ANY MATERIAL SUSPECTED TO CONTAIN ASBESTOS. THE CONTRACTOR SHALL PROPERLY DISPOSE OF ALL MATERIAL CONTAINING ASBESTOS.
 - D. A HYDROLOGY REPORT HAS BEEN PREPARED BY ADVANCED ENGINEERING SERVICES, LLC. AND DATED 06/16/2023. A COPY CAN BE PROVIDED UPON WRITTEN REQUEST.
3. THE PROPOSED PROJECT CONSIST OF THE CONSTRUCTION OF A 11,963 SF TRAVEL CENTER, ASPHALT PARKING AND DRIVE AREAS, PEDESTRIAN SIDEWALK, UTILITY INFRASTRUCTURE IMPROVEMENTS, STORMWATER MANAGEMENT SYSTEM, AND LANDSCAPE AREAS.
4. THE PROPOSED DEVELOPMENT IS LOCATED AT 373 E ROCKHOUSE ROAD, CORDELE, GEORGIA 31010. HORIZONTAL DATA SHOWN HEREON IS BASED ON NAD83 GEORGIA STATE PLANE, WEST ZONE. VERTICAL DATA SHOWN HEREON IS BASED ON NAVD 88(12B).
5. THE TOTAL PROJECT AREA IS 18.50 ACRES; WITH A DISTURBED AREA OF 18.0 ACRES.
6. NO WETLANDS HAVE BEEN IDENTIFIED WITHIN THE PROJECT AREA.
7. NO STATE WATERS HAVE BEEN IDENTIFIED ON OR WITHIN 200' FEET OF THE PROJECT AREA.
8. THE PROPERTY SHOWN HEREON IS LOCATED IN FLOOD ZONE X AS PER FLOOD INSURANCE RATE MAP FOR CRISP COUNTY, GEORGIA, AND SHOWN ON MAP NO. 13081C0165B, WITH AN EFFECTIVE DATE OF 09/25/2009. FLOOD ZONE X DENOTES AREA OF MINIMAL FLOOD HAZARD.

1. OWNER / DEVELOPER:
STROUD AND COMPANY
P.O. BOX 4044
MACON, GEORGIA 31208
PHONE: (478) 743-5097
dleonard@stroudandcompany.com
2. ENGINEER OF RECORD:
BRIAN H. BRAUN, P.E.
ADVANCED ENGINEERING SERVICES, LLC.
110-A TOMMY STALNAKER DRIVE
WARNER ROBBINS, GEORGIA 31088
PHONE: (800) 416-8136
bbraun@aesllc.us
3. PROJECT MANAGER:
DUSTIN E. MCLENDON, P.E.
ADVANCED ENGINEERING SERVICES, LLC.
110-A TOMMY STALNAKER DRIVE
WARNER ROBBINS, GEORGIA 31088
PHONE: (800)-416-8136
dmclendon@aesllc.us
4. 24-HOUR EROSION, SEDIMENTATION, & POLLUTION CONTROL CONTACT:
DON LEONARD
478-743-5097

PROPOSED LINE LEGEND		PROPOSED SYMBOL LEGEND	
PROPERTY LINE		POWER POLE, LIGHT POLE (PP, LP)	
RIGHT-OF-WAY		BACK FLOW PREVENTER (RPZ, DDCV)	
EASEMENT		FIRE DEPT. CONNECTION / POST INDICATOR VALVE	
SETBACK / BUFFER		FIRE HYDRANT / HOSE BIBB	
OVERHEAD ELECTRIC		METERS (WM, CM)	
OVERHEAD TELEPHONE		VALVES (WV, GV)	
OVERHEAD COMMUNICATION		CLEANOUT (ST CO, SS CO)	
OVERHEAD TRAFFIC SIGNAL		MANHOLES (STMH, SSMH)	
UNDERGROUND ELECTRIC		GRATE INLETS (GI, HGI)	
UNDERGROUND TELEPHONE		CURB INLETS (DWCI, SWCI)	
UNDERGROUND COMMUNICATION		FLARED/SAFETY END SECTION (FES, SES)	
UNDERGROUND TRAFFIC SIGNAL		HEADWALL (HW)	
BUILDING LINE		OUTLET CONTROL STRUCTURE (OCS)	
SANITARY SEWER		SIGNS	
SANITARY SEWER FORCE MAIN		DIRECTIONAL TRAFFIC ARROWS	
STORM SEWER		BOLLARD	
WATER LINE			
NATURAL GAS			
SURFACE MAJOR CONTOUR			
SURFACE MINOR CONTOUR			
DITCH / SWALE			
ORANGE CONSTRUCTION FENCE			
SILT FENCE			
LIMITS OF DISTURBANCE			

UTILITY PROVIDERS	
POWER	CRISP COUNTY POWER COMMISSION 229-273-3811
WATER	CITY OF CORDELE 229-273-2898
SANITARY SEWER	CITY OF CORDELE 229-276-2981
NATURAL GAS	NOT AVAILABLE N/A
TELECOMMUNICATION	SOUTHERN FIBER WORK 229-271-7925



C2.0 OF 29





L.L.
47

L.L.
48

LAMAR J. PERLIS
DB 471, PG 310

DROP INLET ELEVATION DATA

DI 1	-	TOP EL.	408.91,	INV.	405.16
DI 2	-	TOP EL.	408.59,	INV.	405.84
DI 3	-	TOP EL.	408.63,	INV.	406.05
DI 4	-	TOP EL.	408.56,	INV.	406.31
DI 5	-	TOP EL.	408.65,	INV.	406.65
DI 6	-	TOP EL.	408.72,	INV.	406.72
DI 7	-	TOP EL.	408.67,	INV.	406.67
DI 8	-	TOP EL.	408.74,	INV.	407.34
DI 9	-	TOP EL.	408.67,	INV.	407.27
DI 10	-	TOP EL.	408.67,	INV.	407.27
DI 11	-	TOP EL.	408.66,	INV.	407.26
DI 12	-	TOP EL.	408.71,	INV.	407.71
DI 13	-	TOP EL.	408.71,	INV.	407.71
DI 14	-	TOP EL.	408.73,	INV.	407.73
DI 15	-	TOP EL.	408.63,	INV.	407.83
DI 16	-	TOP EL.	408.91,	INV.	404.91

LAMAR J. PERLIS
DB 471, PG 310

SAN. SEWER MANHOLE
TOP EL. 409.01
INV. EL. 405.74

ROCKHOUSE ROAD R/W VARIES

APPROX. LOCATION OF EXISTING CULVERT.
SIZE AND TERMINATION UNKNOWN

APPROX. LOCATION OF
EXISTING STORM INLET

SITE INFORMATION			
PROJECT ADDRESS		373 E ROCKHOUSE ROAD, CORDELE, GEORGIA 31010	
PARCEL NUMBER		034L 016B (15.91 ACRES)	
PARCEL ZONING		HC (HEAVY COMMERCIAL)	
PROJECT AREA		18.50 ACRES	
BUILDING SETBACK		LANDSCAPE SETBACK	
FRONT	40'	FRONT	20'
SIDE	0'	SIDE	5'
REAR	0'	REAR	5'

EXISTING CONDITIONS & DEMOLITION NOTES:

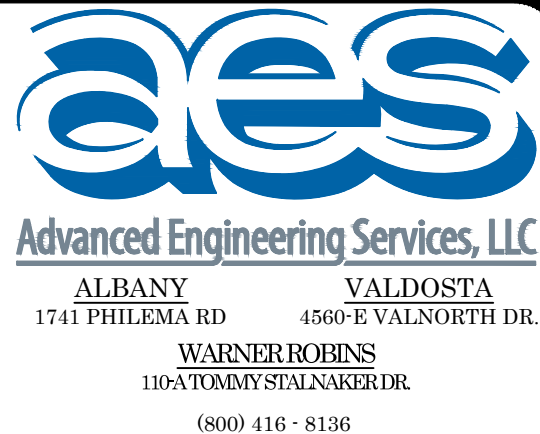
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7. THE CONTRACTOR SHALL TAKE SPECIAL CARE TO PROTECT ALL TREES NOT SHOWN HEREON TO BE REMOVED AND PROVIDE ADEQUATE TREE PROTECTION AROUND THE CRITICAL ROOT ZONE FOR SUCH TREES.
8. ALL ITEMS INDICATED HEREON TO BE REMOVED / DEMOLISHED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF PROPERLY UNLESS OTHERWISE STATED WITHIN THE CONSTRUCTION CONTRACT.
9. ALL EXISTING ASPHALT / CONCRETE PAVEMENT & CURB SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR / REPLACEMENT OF ANY DAMAGED AREAS.

HATCH LEGEND:

	EXISTING ASPHALT PAVEMENT		EXISTING CONCRETE PAVEMENT
--	---------------------------	--	----------------------------

SURVEY LEGEND

IRF	-	DENOTES 1/2" IRON REBAR FOUND
IRS	-	DENOTES 1/2" IRON REBAR SET
MNS	-	DENOTES MAG NAIL SET
MNF	-	DENOTES MAG NAIL FOUND
OTP	-	DENOTES OPEN TOP IRON PIPE FOUND
CTP	-	DENOTES CRIMP TOP IRON PIPE FOUND
CMF	-	DENOTES CONCRETE MONUMENT FOUND
LLL	-	DENOTES LAND LOT LINE
LDL	-	DENOTES LAND DISTRICT LINE
POB	-	DENOTES POINT OF BEGINNING
R\W	-	DENOTES RIGHT OF WAY
-X-	-	DENOTES FENCE LINE
-U-	-	DENOTES OVERHEAD UTILITY LINE(S)
-G-	-	DENOTES GAS LINE
-W-	-	DENOTES WATER LINE
-SS-	-	DENOTES SANITARY SEWER LINE
-T-	-	DENOTES TELECOM LINE
⊙	-	DENOTES WELL
⊙ FH	-	DENOTES FIRE HYDRANT
⊙ WV	-	DENOTES WATER VALVE
⊙ PP	-	DENOTES UTILITY POLE
⊙ LP	-	DENOTES SECURITY LIGHT
⊙	-	DENOTES CONTROL PANEL/PANEL BOX
⊙	-	DENOTES TRANSFORMER
⊙	-	DENOTES BOLLARD
⊙	-	DENOTES VALVE MANHOLE
⊙	-	DENOTES TELECOM APPARATUS



EXP. 06/30/2026



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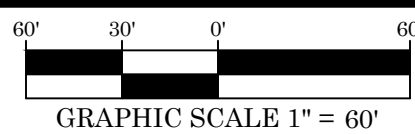
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CORDELE TRAVEL CENTER

STROUD AND COMPANY

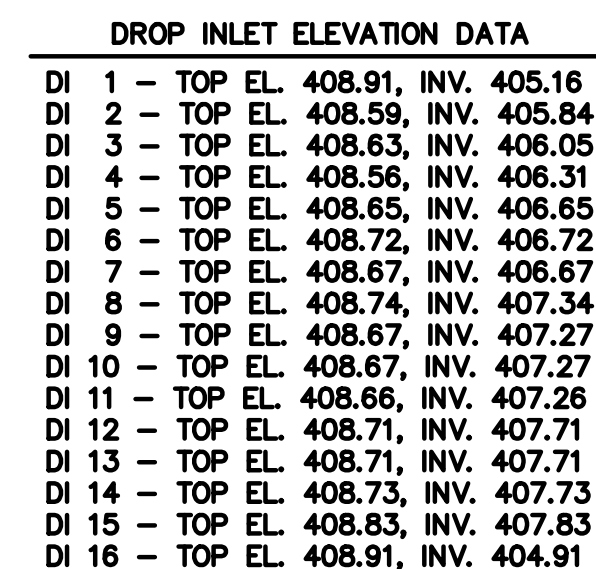
EXISTING CONDITIONS

CRISP COUNTY, GEORGIA



SHEET

C3.0 OF 29



SITE INFORMATION			
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HATCH LEGEND:

	ASPHALT PAVEMENT TO BE DEMOLISHED		CONCRETE PAVEMENT TO BE DEMOLISHED
	EXISTING ASPHALT PAVEMENT		EXISTING CONCRETE PAVEMENT
	VERTICAL STRUCTURE DEMOLITION AREA		

KEY NOTES:

- 1 SAWCUT EXISTING ASPHALT/CONCRETE FOR SMOOTH TRANSITION

SURVEY LEGEND

IRF – DENOTES 1/2" IRON REBAR FOUND
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 (V) – DENOTES VALVE MANHOLE
 (T) – DENOTES TELECOM APPARATUS



Advanced Engineering Services, LLC

ALBANY 1741 PHILEMA RD
VALDOSTA 4560 E VALNORTH DR
WARNER ROBINS 110 TOMMY STALNAKER DR.
(800) 416-8136



EXP. 06/30/202



01/15/20

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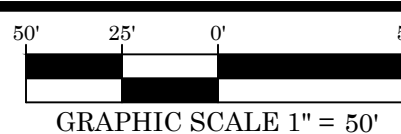
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CORDELE TRAVEL CENTER

STROUD AND COMPANY

DEMOLITION PLAN

CRISP COUNTY, GEORGIA



SHEET

C3.1 OF 29



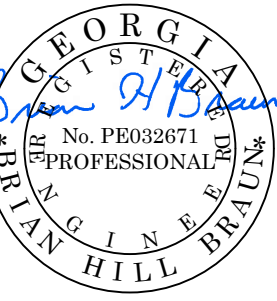
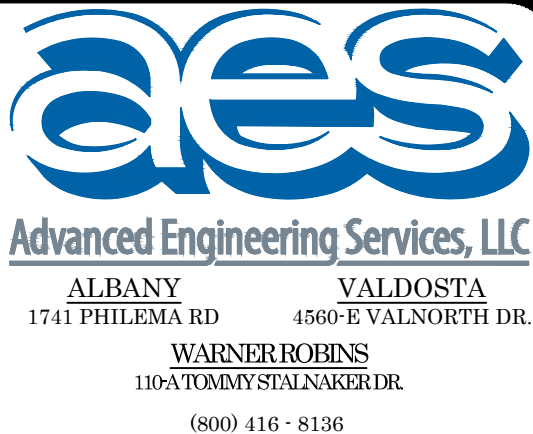
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PROJECT AREA	18.50 ACRES		
BUILDING SETBACK	LANDSCAPE SETBACK		
FRONT	40'	FRONT	20'
SIDE	0'	SIDE	5'
REAR	0'	REAR	5'

PARKING CALCULATIONS:			
REQUIRED MINIMUM PARKING STALLS: (TABLE 7.1- SERVICE/GAS STATION)			
3 SPACES PER SERVICE BAY, PLUS 5 SPACES PER 1,000 SF OF RETAIL SPACE			
3 SPACES/SERVICE BAY * 3 BAYS = 9 SEMI-TRUCK SPACES			
5 SPACES/1,000 SF * 11,963 SF = 60 STANDARD SPACES REQUIRED			
69 TOTAL SPACES REQUIRED			
PROVIDED PARKING STALLS:			
111 SEMI-TRUCK SPACES			
5 RV SPACES			
6 EV CHARGING SPACES			
98 STANDARD SPACES & 6 HANDICAPPED SPACES			
226 SPACES TOTAL PROVIDED			

- GENERAL SITE NOTES:
- HANDICAPPED PARKING AND ACCESSIBLE ROUTES SHALL MEET THE AMERICANS WITH DISABILITIES ACTS STANDARDS FOR ACCESSIBLE DESIGN - LATEST EDITION. SIDEWALKS SHALL NOT EXCEED 5% MAXIMUM LONGITUDINAL SLOPE AND 2% MAXIMUM CROSS SLOPE. ACCESSIBLE PARKING STALLS SHALL NOT EXCEED 2% MAXIMUM SLOPE IN ALL DIRECTIONS. ACCESSIBLE RAMPS SHALL NOT EXCEED 12H:1V GRADE.
 - ALL SIGNS AND STRIPING SHALL CONFIRM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) - LATEST EDITION AND/OR DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
 - ALL DIMENSIONS ARE MEASURED TO THE FACE OF CURB (WHEN PRESENT), EDGE OF ASPHALT AND/OR EDGE OF BUILDING.
 - HORIZONTAL DATA SHOWN HEREON IS BASED ON NAD83 GEORGIA STATE PLANE, WEST ZONE. VERTICAL DATA SHOWN HEREON IS BASED ON NAVD 88(12B).

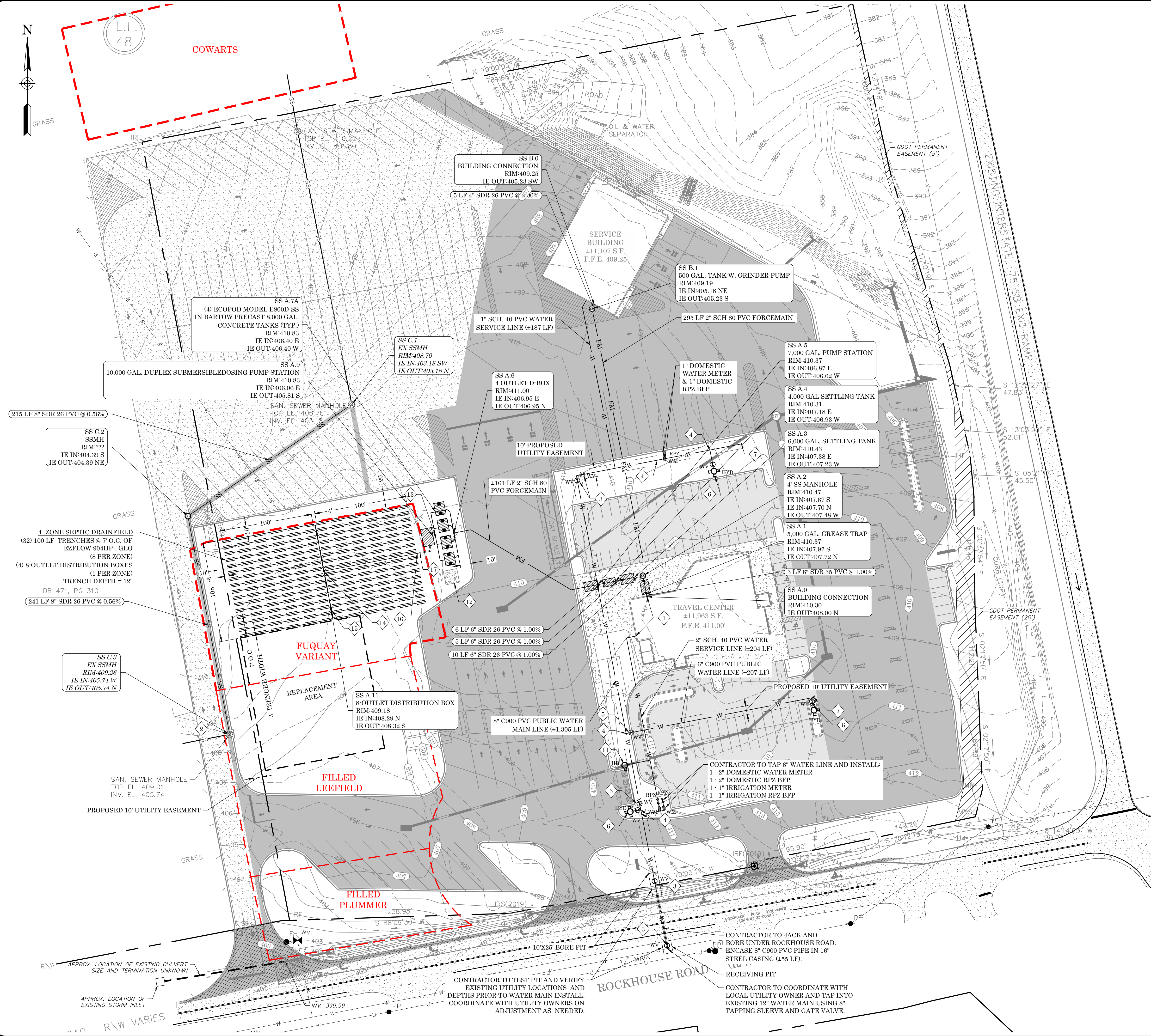
HATCH LEGEND:	
	STANDARD DUTY ASPHALT PAVEMENT
	PROPOSED SIDEWALK
	HEAVY DUTY ASPHALT PAVEMENT
	EXISTING ASPHALT PAVEMENT
	DOT ASPHALT PAVEMENT

- KEY NOTES:
- 1 24" STANDARD CURB & GUTTER
 - 2 24" ROLLED CURB & GUTTER
 - 3 CURB TAPER/TRANSITION: SEE GRADING PLAN
 - 4 24" WHITE STOP BAR
 - 5 5" SOLID-DOUBLE YELLOW CENTER LINE STRIPING
 - 6 5" SOLID WHITE EDGE STRIPING
 - 7 6" YELLOW TRAFFIC STRIPING - 18" OC @ 45°
 - 8 5" BLUE HANDICAPPED STALL/LOADING AREA STRIPING
 - 9 HANDICAPPED / VAN ACCESSIBLE SIGN (R7-8 & R7-8P)
 - 10 PYLON SIGN (PERMIT BY OTHERS)
 - 11 36" STOP SIGN (R1-1)
 - 12 PAINTED DIRECTION ARROW (TYP.)
 - 13 6" CONCRETE WHEEL STOP: TYP.
 - 14 6" CONCRETE BOLLARD (PAINTED YELLOW)
 - 15 ELECTRIC VEHICLE CHARGING STATION (6 TOTAL)
 - 16 12' X 18' DUMPSTER ENCLOSURE
 - 17 OUTDOOR EATING AREA (±10,500 SF)
 - 18 DOG PARK (970 SF)
 - 19 LARGE DIESEL PUMPS & CANOPY
 - 20 TRUCK SCALE
 - 21 ON-SITE FUEL TANKS (SIZE VARIES)
 - 22 STRUCTURE FOR SEPTIC BLOWERS AND CONTROL PANEL
 - 23 TRUCK SERVICE BUILDINGS (±7,415 SF)
 - 24 8' TALL OPAQUE SCREENING WALL (±300 LF)
 - 25 4' BLACK CHAINLINK FENCE (±560 LF)
 - 26 RV PARKING AREA
 - 27 12' RIGHT TURN DECELERATION LANE (±650 LF)
 - 28 ±4' ROAD WIDENING (±2,425 SF OF HEAVY DUTY ASPHALT PAVEMENT)
 - 29 "RIGHT LANE MUST TURN RIGHT" SIGN
 - 30 CONCRETE FLUME (SEE PLANS FOR WIDTH)
 - 31 "YIELD" SIGN



AES PROJECT NUMBER	
60161	
DATE OF PLANS	
06/16/2023	
REVISIONS	
NO.	DATE DESCRIPTION
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2	09/12/2023 ISSUED FOR CONSTRUCTION
3	08/12/2024 REVISED PER DPH COMMENTS
4	08/26/2024 ISSUED FOR CONSTRUCTION
5	10/02/2024 WATER LINE MODIFICATIONS
6	12/16/2024 ESPC MODIFICATIONS
7	01/15/2025 GRADING AND SITE PLAN REVISIONS
8	-
9	-
10	-

CORDELE TRAVEL CENTER
STROUD AND COMPANY
SITE PLAN



SITE INFORMATION			
PROJECT ADDRESS		373 E ROCKHOUSE ROAD, CORDELE, GEORGIA 31010	
PARCEL NUMBER		034L 016B (15.91 ACRES)	
PARCEL ZONING		HC (HEAVY COMMERCIAL)	
PROJECT AREA		18.50 ACRES	
BUILDING SETBACK		LANDSCAPE SETBACK	
FRONT	40'	FRONT	20'
SIDE	0'	SIDE	5'
REAR	0'	REAR	5'

- UTILITY NOTES:
- THE CONTRACTOR SHALL PROVIDE 72 HOUR NOTICE THE THE UTILITIES PROTECTION CENTER PRIOR TO CONSTRUCTION COMMENCEMENT OR EXCAVATION. THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION FOR ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA AND REPAIR ANY UTILITIES DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER/DEVELOPER.
 - THE CONTRACTOR SHALL FIELD VERIFY LOCATION AND SIZE OF ALL EXISTING UTILITIES WITHIN THE PROJECT AREA AND ANY UTILITY CONNECTIONS OFF-SITE. THE CONTRACTOR SHALL COORDINATE WITH UTILITY OWNERS ON ALL CONFLICTS.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS OF PROPOSED UTILITIES AND COORDINATION WITH ALL APPLICABLE ARCHITECTURAL BUILDING PLANS FOR THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PLACEMENT AND FIT OF ALL PROPOSED UTILITIES. IF ANY DISCREPANCIES ARE DISCOVERED, NOTIFY THE ENGINEER IN WRITING WITHIN 24 HOURS.
 - TEN (10') FOOT HORIZONTAL & EIGHTEEN (18") INCH VERTICAL SEPARATION SHALL BE MAINTAINED BETWEEN ALL PROPOSED POTABLE WATER MAINS AND SANITARY SEWER MAINS.
 - FOUR (4') FOOT MINIMUM COVER SHALL BE MAINTAINED ABOVE ALL PROPOSED WATER MAINS AND SERVICE CONNECTIONS.
 - ALL WATER FIXTURES, APPURTENANCES AND CONSTRUCTION METHODS SHALL COMPLY WITH ALL LOCAL STANDARDS AND SPECIFICATION.
 - ALL SANITARY SEWER MAINS SHALL MEET THE SLOPE REQUIREMENTS AS STATED IN THE TEN STATE STANDARDS FOR WASTEWATER FACILITIES - LATEST EDITION. SANITARY SEWER SERVICE CONNECTIONS SHALL MAINTAIN 1% MINIMUM SLOPE UNLESS OTHERWISE NOTED.
 - ALL SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH ALL LOCAL STANDARDS AND SPECIFICATIONS.
 - THE CONTRACTOR SHALL ADJUST THE TOPS OF ALL EXISTING AND PROPOSED UTILITY STRUCTURES TO MATCH FINAL GRADE ELEVATIONS.

- KEY NOTES:
- SEE ARCHITECTURAL / MEP PLANS FOR CONTINUATION
 - CONTRACTOR TO ADJUST EXISTING MANHOLE TOP TO PROPOSED GRADE
 - 8" GATE VALVE
 - 8"X8"X6" TEE CONNECTION W/ THRUST BLOCKING
 - 6" GATE VALVE
 - CRISP COUNTY STANDARD FIRE HYDRANT WITH 6" GATE VALVE
 - WATER MAIN TERMINATION. PROVIDE CAP AND THRUST BLOCKING.
 - 8"X8"X8" TEE CONNECTION W/ THRUST BLOCKING
 - 8" MECHANICAL JOINT - 22.5° BEND COUPLING
 - 8" MECHANICAL JOINT - 45° BEND COUPLING
 - PROPOSED HOSE BIB
 - 15' X 15' STRUCTURE TO HOUSE ECOPOD BLOWERS AND CONTROL PANEL
 - 4" MANIFOLD
 - 4-OUTLET DIVERSION VALVE TO DISTRIBUTION BOXES
 - 8-OUTLET DISTRIBUTION BOX TO TRENCHES. TYPICAL
 - 2" SCH 80 FORCEMAIN TO DIVERSION VALVE
 - 2" X 2" X 2" TEE CONNECTION AND VALVE

Advanced Engineering Services, LLC
ALBANY VALDOSTA
1741 PHILEMA RD 4560 E VALNORTH DR.
WARNER ROBINS
110ATAMMY ST/MAINER DR.
(800) 416-8136

EXP. 06/30/2026

01/15/2025

AES PROJECT NUMBER		
60161		
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06/16/2023		
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10	-	-

CORDELE TRAVEL CENTER

STROUD AND COMPANY

UTILITY PLAN

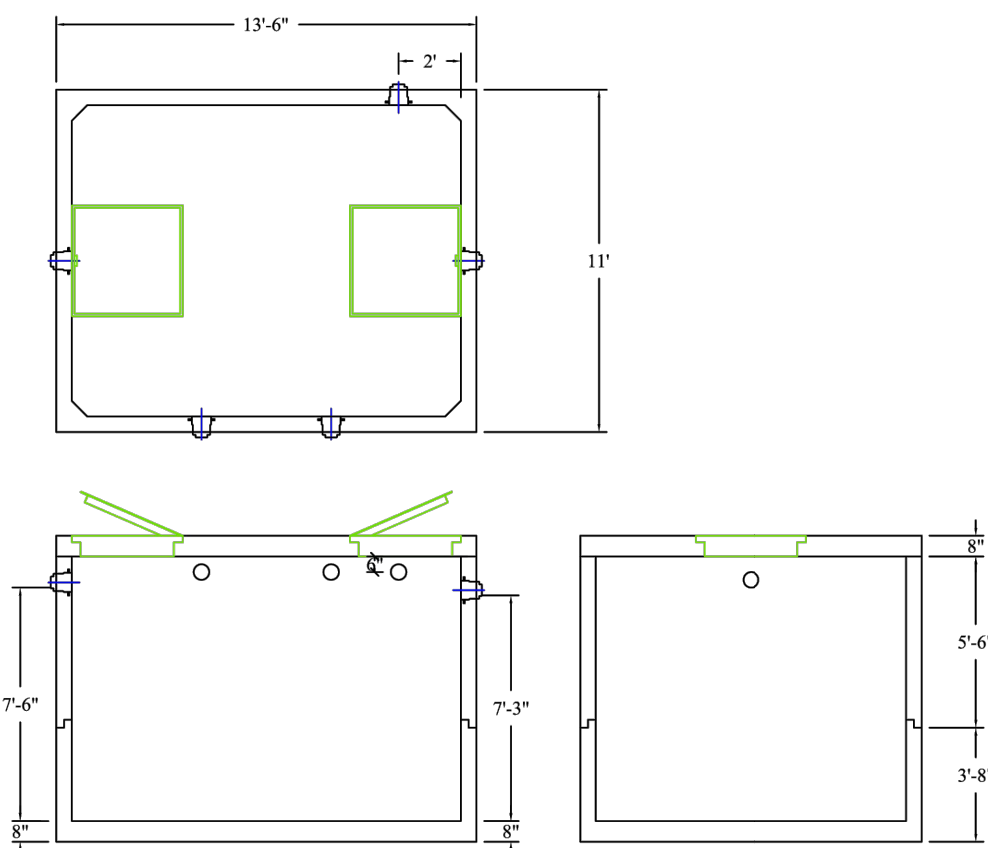
CRISP COUNTY, GEORGIA

SHEET
C5.0 OF 29



LEVEL 3 SOIL SURVEY PLAN VIEW
NOT TO SCALE

E800D Delta EcoPod Reactor Tank
8,000 GPD Capacity



Scale: 3/16" = 1'



130-31210 F
131-61210 / L1311-3636

PRODUCT INFORMATION
12'-6" x 10' x 8'-6" (ID)
EcoPod Reactor Tank
BASE = 25,800 #
RISER = 20,100 # LID = 14,300 #
*Design may vary

SPECIFICATIONS
MEETS ASTM C 1227
RATING: NON-TRAFFIC
CONCRETE TO BE 4,000 PSI
@ 28 DAYS

STEEL REINFORCING: MEETS
ASTM A 615, PLACEMENT AS
REQUIRED BY DESIGN

INLET & OUTLET BOOT MEETS
ASTM C 923, ACCEPTS 4" & 6" PVC

BUTYL SEALANT: MEETS ASTM
C 900, USED ON JOINTS

ACCESS HATCHES SHALL BE
FABRICATED WITH 1/4"
ALUMINUM DIAMOND PLATE
DESIGNED TO SUPPORT 300 psf
36"x36" FRAME OPENING
EQUIPPED WITH SLAM LOCK
FLUSH MOUNT LIFT HANDLE,
HOLD-OPEN ARM, SS HARDWARE
AND HINGES



DRAWING INFORMATION
Drawn By: JIG
Checked By: JIG
Revision: 1
Date: 3/13/2024
Drawing #: 2303131
APPROVED BY: [Signature]

print:
sign: *actual dimensions may vary slightly

8,000 GALLON ECOPOD TREATMENT SYSTEM TANK DETAIL
NOT TO SCALE

Red Oak Environmental, LLC
Patrick Davies, Soil Scientist - Curtis Ray, Soil Scientist
PO Box 7101
Tifton, GA 31793
229-848-1234
DATE: March 19, 2024
Revised 4/1/2024

COUNTY: Crisp
OWNER:
SUBDIVISION: N/A
LOT NUMBER: N/A
SITE LOCATION: Rockhouse Road E
BILLING ADDRESS:
SCALE: On Map
INTENSITY LEVEL OF INVESTIGATION: Three

INCHES OF RILL	SOIL SERIES SERIES CODES	SLOPE % range of the soil type	DEPTH TO BEDROCK [range]	DEPTH TO SEASONAL HIGH H2O TABLE [inches] range	ABSORPTION RATE AT RECOMMENDED TRENCH DEPTH MIN/IN.	RECOMMENDED TRENCH DEPTH inches	SUITABILITY CODE
0	Fuquay Variant	2 to 5	Greater than 60	56	30	12	A
0	Coventry	2 to 5	Greater than 60	24	40	8 Area Fill	C
10 to 18	Filled Trench	1 to 3	Greater than 60	24	35	8 Area Fill	C
2 to 4	Filled Pothole	1 to 3	Greater than 60	18	20	Area Fill	C

AREAS WHICH FLOOD OR HAVE POTENTIAL FOR PROBLEMS ASSOCIATED WITH FLOODING/PONDING SHOULD NOT BE UTILIZED.
AREAS WITH LEAKED OR ABSORPTION FIELDS SHOULD BE STAGED FOR RAPID RUNOFF AND SHOULD BE OPEN TO SURFACE WATER
AWAY FROM THE DRAINFIELD.

A SUITABILITY CODE - SOIL SERIES SHOULD HAVE ABILITY TO FUNCTION AS SUITABLE ABSORPTION FIELD
WITH PROPER DESIGN, INSTALLATION, AND MAINTENANCE.

C SUITABILITY CODE - DUE TO WATER TABLE, FLOODING AND/OR DRAINAGE PROBLEMS, THERE IS A HIGH PROBABILITY
OF FAILURE FOR CONVENTIONAL SYSTEMS. YOUR HEALTH DEPARTMENT CAN DISCUSS WITH YOU A LAND
USE ALTERNATIVE SYSTEM OR OTHER OPTIONS FOR YOUR SITUATION.

E SUITABILITY CODE - NORMALLY CONSIDERED UNSATISFACTORY FOR USE FOR CONVENTIONAL ABSORPTION FIELDS.
BRIEF PERCOLATION OF WATER MAY CAUSE TEMPORARY PROBLEMS FOR ABSORPTION FIELDS. HOWEVER,
BRIEF PERCOLATION OF WATER MAY CAUSE TEMPORARY PROBLEMS FOR ABSORPTION FIELDS. HOWEVER,
BRIEF PERCOLATION OF WATER MAY CAUSE TEMPORARY PROBLEMS FOR ABSORPTION FIELDS. HOWEVER,

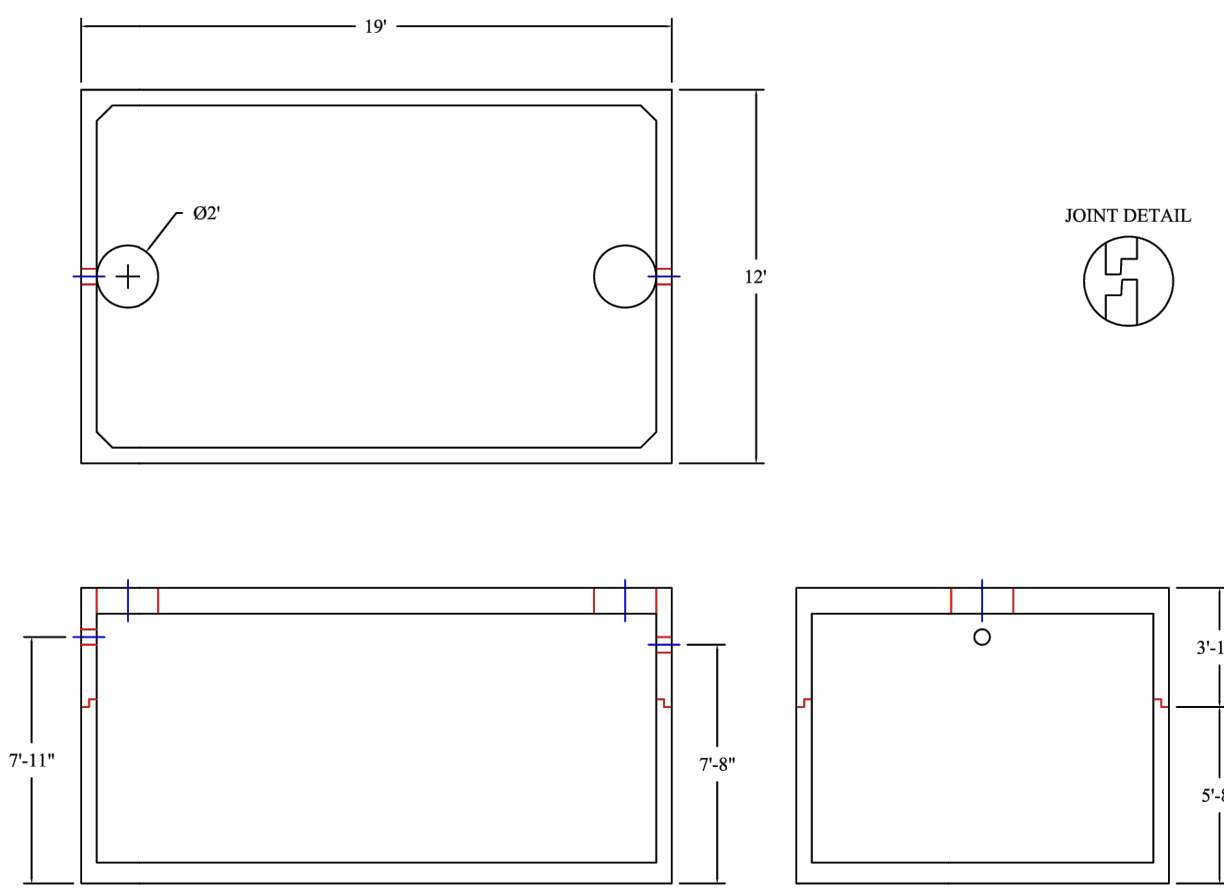
The information contained in this report is based on the pedons (test borings) classified in the field. All boring locations, as well as other miscellaneous
soil conditions and features, are located by opening and/or a Trimble (class XII GPS) to assist in maintaining quality control.
The projected boundary of each soil map unit is based on the professional opinion and judgment of the Soil Scientist. Soil boundary lines should be considered
as a transitional zone where one soil condition intergrades into another, rather than, as an exact boundary. Red Oak Environmental, LLC does not design,
install, maintain or permit waste disposal systems and does not guarantee the performance of any waste disposal system. Your local Health Department holds
final authority in the permitting of waste disposal systems. Your local Health Department may view the soil conditions differently than the Soil Scientist
and will have the final say in their county. This report is based on conventional septic systems and all recommendations are based on installation from the
original soil surface unless stated otherwise. Any changes or alterations made to the soil maps or interpretations without the written approval of
Red Oak Environmental, LLC, voids the soil of the Soil Scientist. Interpretations assume residential wastewater strength or lower.

Remarks and comments:
Soil survey area shown on attached map.
Grade drainfield area to convey surface water away from drainfield.
Please leave this and/or state them to ensure proper drainfield placement.

Filled Trench and Filled Pothole: Remove fill soil from drainfield area before area fill construction.

LEVEL 3 SOIL SURVEY INFORMATION

Pump Tank
10,000 Gallon Capacity



Scale: 3/16" = 1'



MODEL: ST 10000

PRODUCT INFORMATION
10,000 GALLON
PUMP TANK

BASE = 49,400 #
TOP = 43,000 #
DESIGN MAY VARY

SPECIFICATIONS
MEETS ASTM C 1227

RATING: A-16 (H-20), ASSUME
4 MAX EARTH COVER WITH 3"
WATER TABLE BELOW GRADE

CONCRETE: 5,000 PSI @ 28 DAYS

STEEL REINFORCEMENT: MEETS
ASTM A 615, PLACEMENT AS
REQUIRED BY DESIGN

INLET & OUTLET BOOT MEETS
ASTM C 923, ACCEPTS 4" & 6" PVC

BUTYL SEALANT: MEETS ASTM
C 900, USED ON JOINTS

ACCESS OPENING SUITABLE FOR
24" RISER AND/OR RING & COVER

INTERNAL PIPING BY OTHERS
PER MUNICIPAL SPECS

MODIFICATION TO THIS DESIGN
AVAILABLE UPON REQUEST

CALL FOR ADDITIONAL SPECS

DRAWING INFORMATION
Drawn By: JIG
Checked By: JIG
Revision: 1
Date: 10/18/19
APPROVED BY: [Signature]

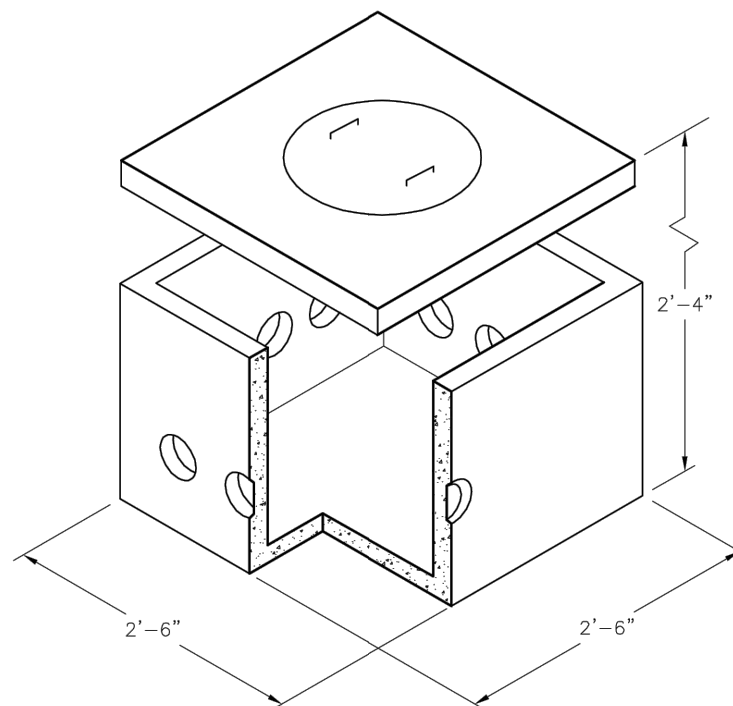
print:
sign: *actual dimensions may vary slightly

10,000 GALLON PUMP TANK DETAIL
NOT TO SCALE

SEPTIC SYSTEM INFORMATION:

- THE PROPOSED SEPTIC SYSTEM WAS DESIGNED BASED ON THE MANUAL FOR ON-SITE SEWAGE MANAGEMENT SYSTEMS PUBLISHED BY THE GEORGIA OF HUMAN RESOURCES, DIVISION OF PUBLIC HEALTH REVISED JUNE 2019.
- THE PERCOLATION RATE WAS DETERMINED BY RED OAK ENVIRONMENTAL, LLC ON MARCH 19, 2024 (A COPY CAN BE PROVIDED UPON REQUEST) AND THE RESULTS WERE:
SOIL SERIES: FUQUAY VARIANT, 2% - 5% SLOPES, WITH AN ABSORPTION RATE OF 40 min./in. AND A RECOMMENDED TRENCH DEPTH OF 12 INCHES.
- BASED ON THE TABLE JT-1 SEWAGE FLOW SCHEDULE OF THE MANUAL FOR ON-SITE SEWAGE MANAGEMENT SYSTEMS, THE EXPECTED FLOW FROM THE PROPOSED PROJECT WILL BE:
RETAIL STORE: 400/RESTROOM: 2 RESTROOMS
400 * 2 RESTROOMS = 9,925 G.P.D.
- BASED ON TABLE DT-1 FROM THE MANUAL FOR ON-SITE SEWAGE MANAGEMENT SYSTEMS, A PERCOLATION COEFFICIENT (PERCOLATION RATE / 5) OF 1.265 FT³/GAL. WAS USED FOR THE DESIGN.
- THE LINEAR FEET OF FIELD REQUIRED = PERCOLATION COEFFICIENT X GPD = 1.265 FT³/GAL. * 9,925 GAL. = 4,185 L.F.
TRENCH BOTTOM WIDTH 3 FT.
- THE SYSTEM WAS DESIGNED TO USE AN EZ FLOW SYSTEM TO PROVIDE A (25%) REDUCTION OF DRAIN FIELD = 3,139 L.F.
- THE SEPTIC SYSTEM HAS BEEN DESIGNED TO USE:
(2) SEPTIC TANKS TOTALING 10,000 GALLONS (6,000 GAL. PRIMARY TANK, 4,000 GAL. SECONDARY TANK)
(1) FLOW EQ DUPLEX PUMP STATION IN 7,000 GALLON BARTOW PRECAST TANK
(4) ECOPOD E800D REACTORS IN 8,000 GALLON BARTOW PRECAST TANKS
(1) AERATION DUPLEX BLOWER/MOTOR PACKAGE
(1) 4-OUTLET DISTRIBUTION BOX (TO ECOPOD TANKS)
(1) DOSING DUPLEX PUMP STATION IN 10,000 GALLON BARTOW PRECAST TANK
(1) K-RAIN 4404 OR SIMILAR, 4-OUTLET, 4-ZONE DISTRIBUTING VALVE (TO 4-ZONE DRAINFIELD)

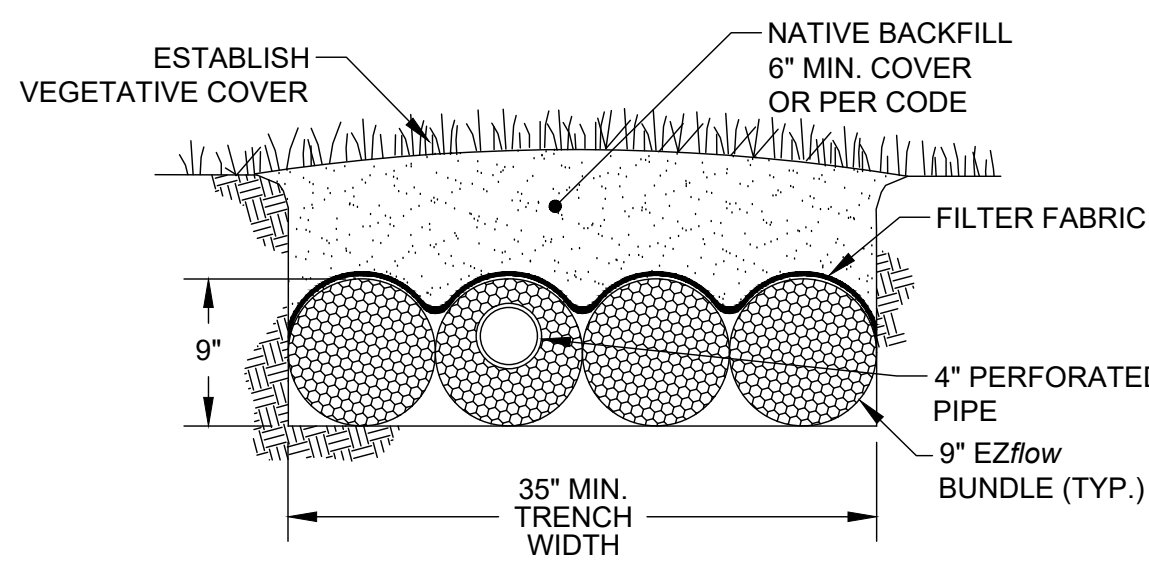
4-ZONE SEPTIC DRAINFIELD:
(4) 8-OUTLET DISTRIBUTION BOXES (1 PER ZONE, TO CENTER-FEED DRAINFIELD)
(32) 100' L.F. TRENCHES OF EZ FLOW 904 HP BUNDLES (3,200' L.F. (8 PER ZONE)



	DB-9 w/access	2'-0" x 2'-0" x 1'-8" I.D. 9 Outlet D-Box Weight 1375 Lbs.
	FILE NAME: 324ESD08-9_ISO.DWG	
	ISSUE DATE: January, 2008	
	www.oldcastleprecast.com	Copyright © 2008 Oldcastle Precast

DISTRIBUTION BOX DETAIL
NOT TO SCALE

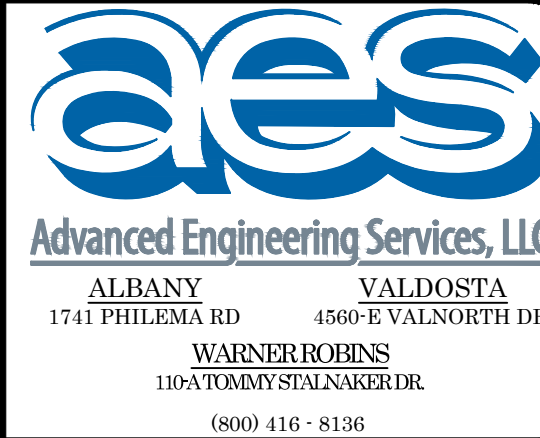
EZflow 0904H - GEO: A



NOTE:
PRODUCT CONFIGURATION AND INSTALLATION
DEPTH MUST COMPLY WITH APPLICABLE
REGULATORY REQUIREMENTS.

INFILTRATOR WATER TECHNOLOGIES 4 Business Park Rd. Old Saybrook, CT 06475 (800) 221-4438	
EZflow 0904H - GEO: A	
Drawn by: EMB	Date: 05/21/2015
Scales: 1" = 1'-0"	Checked by: EMB
Sheet: 1 of 1	

EZ-FLOW 904H SEPTIC TRENCH DETAIL
NOT TO SCALE



EXP. 06/30/2026



01/15/2025

AES PROJECT NUMBER

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CORDELE TRAVEL CENTER

STROUD AND COMPANY

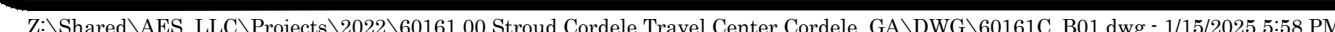
SEPTIC PLAN

CRISP COUNTY, GEORGIA

NOT TO SCALE

SHEET

C5.1 OF 29



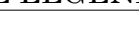
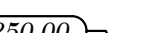
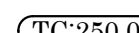
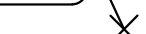
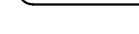
PAVING, GRADING, & DRAINAGE NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL FILL MATERIAL. FILL MATERIAL SHALL BE CLEAN AND FREE OF ALL DEBRIS AND ORGANIC MATERIAL. SUITABLE FILL MATERIAL SHALL BE PLACED IN LIFTS OF 8" OR LESS AND COMPACTED TO 95% STANDARD PROCTOR.
2. NO GEOTECHNICAL INVESTIGATION HAS BEEN PERFORMED FOR THIS PROJECT AREA. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WITHIN 24 HOURS OF ANY UNSUITABLE SUBSURFACE MATERIAL ENCOUNTERED DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL GRADE THE SITE TO PROVIDE POSITIVE DRAINAGE AS INDICATED BY THE PROPOSED ELEVATIONS, CONTOURS AND DRAINAGE SLOPE ARROWS.
4. FINISHED GRADE ELEVATIONS SHOWN ARE TOP OF PAVEMENT / FACE OF CURB UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED STRUCTURES (MANHOLES, VALVE BOXES, ECT.) TO FINISHED GRADE ELEVATIONS.
6. FINAL GRADES SHALL BE FLUSH WITH BACK OF CURB, EDGE OF PAVEMENT, AND / OR SIDEWALK GRADES.
7. HANDICAPPED PARKING AND ACCESSIBLE ROUTES SHALL MEET THE AMERICANS WITH DISABILITIES ACTS STANDARDS FOR ACCESSIBLE DESIGN - LATEST EDITION. SIDEWALKS SHALL NOT EXCEED 5% MAXIMUM LONGITUDINAL SLOPE AND 2% MAXIMUM CROSS SLOPE. ACCESSIBLE PARKING STALLS SHALL NOT EXCEED 2% MAXIMUM SLOPE IN ALL DIRECTIONS. ACCESSIBLE RAMPS SHALL NOT EXCEED 12H:1V GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ADA GUIDELINES FOR HANDICAPPED PARKING / ACCESSIBLE ROUTES.
8. SEE DETAILS FOR TYPICAL PAVEMENT SECTIONS

KEY NOTES:

1 PROVIDE SMOOTH TRANSITION TO EXISTING GRADE

SPOT GRADE LEGEND:

	EXISTING GRADE		PROPOSED TOP OF CONCRETE
	PROPOSED GRADE		PROPOSED LOW POINT
	PROPOSED TOP OF PAVEMENT		PROPOSED HIGH POINT



CORDELE TRAVEL CENTER
STROUD AND COMPANY
GRADING PLAN

GRAPHIC SCALE 1" = 50

SHEET
 C6.0 OF 29





L.L.
48

GRASS

5' LANDSCAPE SETBACK

SAN. SEWER MANHOLE
TOP EL. 410.22
INV. EL. 401.80

SERVICE
BUILDING
±11,107 S.F.
F.F.E. 409.25

ST 2.1
DOUBLE GRATE INLET
GDOT 1019A TYPE E
RIM:408.70
IE IN:397.59 SW
IE OUT:397.59 NE

TRAVEL CENTER
±11,963 S.F.
F.F.E. 411.00'

ST 1.5
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:409.10
IE IN:398.43 W
IE OUT:398.44 NE

ST 1.6
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:406.30
IE OUT:401.31 E

ST 4.1
GDOT 1122
RIM:402.04
IE OUT:400.04 W

ST 4.0
MARMAC HP STORM TO RCP CONNECTION
IE IN:399.59 E
IE OUT:399.59 W

CONTRACTOR TO TEST PIT AND VERIFY
EXISTING UTILITY LOCATIONS AND
DEPTHS PRIOR TO STORM INSTALL.
COORDINATE WITH UTILITY OWNERS ON
ADJUSTMENT AS NEEDED.

ROCKH

ST 5.1
GDOT 1122
RIM:408.00
IE OUT:406.00 W

108 LF 18" HP STORM PIPE @ 2.08%

ST 6.0
GDOT 1122
RIM:410.50
IE IN:408.50 E

72 LF 18" HP STORM PIPE @ 1.39%

ST 6.1
GDOT 1122
RIM:411.50
IE OUT:409.50 W

(R/W VARIES)

384 LF 24" HDPE PIPE @ 0.75%

384 LF 24" HDPE PIPE @ 0.75%

384 LF 24" HDPE PIPE @ 0.75%

384 LF 24" HDPE PIPE @ 0.75%

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384 LF 24" HDPE PIPE @ 0.75%

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384 LF 24" HDPE PIPE @ 0.75%

384 LF 24" HDPE PIPE @ 0.75%

384 LF 24" HDPE PIPE @ 0.75%

384 LF 24" HDPE PIPE @ 0.75%

ST 3.0
GDOT 1125
IE IN:395.00 SW

ST 3.1
GDOT 1034D
RIM:405.60
IE OUT:401.60 NE

ST 1.0
GDOT 1125
IE IN:392.55 S

ST 1.1
GDOT 1034D
RIM:404.90
IE IN:393.36 W
IE OUT:393.36 N

ST 1.2 - ST 2.0
GDOT 1011A
RIM:408.51
IE IN:396.23 SW
IE IN:395.05 S
IE OUT:394.55 E

ST 1.3
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:409.60
IE IN:396.46 S
IE OUT:396.46 N

ST 1.4
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:409.75
IE IN:397.55 SW
IE OUT:397.55 N

ST 1.5
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:409.10
IE IN:398.43 W
IE OUT:398.44 NE

ST 1.6
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:406.30
IE OUT:401.31 E

ST 1.7
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:406.30
IE OUT:401.31 E

ST 1.8
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:406.30
IE OUT:401.31 E

ST 1.9
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:406.30
IE OUT:401.31 E

ST 2.0
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:406.30
IE OUT:401.31 E

ST 2.1
DOUBLE GRATE INLET
GDOT 1019A TYPE E
RIM:408.70
IE IN:397.59 SW
IE OUT:397.59 NE

ST 2.2
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:409.00
IE OUT:399.86 NE

ST 2.3
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:409.00
IE OUT:399.86 NE

ST 2.4
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:409.00
IE OUT:399.86 NE

ST 2.5
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:409.00
IE OUT:399.86 NE

ST 2.6
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:409.00
IE OUT:399.86 NE

ST 2.7
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:409.00
IE OUT:399.86 NE

ST 2.8
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:409.00
IE OUT:399.86 NE

ST 2.9
DOUBLE GRATE INLET
GDOT 1019A TYPE A
RIM:409.00
IE OUT:399.86 NE

SITE INFORMATION

PROJECT ADDRESS		373 E ROCKHOUSE ROAD, CORDELE, GEORGIA 31010	
PARCEL NUMBER		034L 016B (15.91 ACRES)	
PARCEL ZONING		HC (HEAVY COMMERCIAL)	
PROJECT AREA		18.50 ACRES	
BUILDING SETBACK		LANDSCAPE SETBACK	
FRONT	40'	FRONT	20'
SIDE	0'	SIDE	5'
REAR	0'	REAR	5'

PAVING, GRADING, & DRAINAGE NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL FILL MATERIAL. FILL MATERIAL SHALL BE CLEAN AND FREE OF ALL DEBRIS AND ORGANIC MATERIAL. SUITABLE FILL MATERIAL SHALL BE PLACED IN LIFTS OF 8" OR LESS AND COMPACTED TO 95% STANDARD PROCTOR.
- A GEOTECHNICAL REPORT HAS BEEN PREPARED BY [COMPANY] AND DATED [DATE]. A COPY CAN BE PROVIDED UPON WRITTEN REQUEST.
- THE CONTRACTOR SHALL GRADE THE SITE TO PROVIDE POSITIVE DRAINAGE AS INDICATED BY THE PROPOSED ELEVATIONS, CONTOURS, AND DRAINAGE SLOPE ARROWS.
- FINISHED GRADE ELEVATIONS SHOWN ARE TOP OF PAVEMENT / FACE OF CURB UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED STRUCTURES (MANHOLES, VALVE BOXES, ECT.) TO FINISHED GRADE ELEVATIONS.
- FINAL GRADES SHALL BE FLUSH WITH BACK OF CURB, EDGE OF PAVEMENT, AND / OR SIDEWALK GRADES.
- HANDICAPPED PARKING AND ACCESSIBLE ROUTES SHALL MEET THE AMERICANS WITH DISABILITIES ACTS STANDARDS FOR ACCESSIBLE DESIGN - LATEST EDITION. SIDEWALKS SHALL NOT EXCEED 5% MAXIMUM LONGITUDINAL SLOPE AND 2% MAXIMUM CROSS SLOPE. ACCESSIBLE PARKING STALLS SHALL NOT EXCEED 2% MAXIMUM SLOPE IN ALL DIRECTIONS. ACCESSIBLE RAMPS SHALL NOT EXCEED 12H:1V GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ADA GUIDELINES FOR HANDICAPPED PARKING / ACCESSIBLE ROUTES.
- SEE DETAILS FOR TYPICAL PAVEMENT SECTIONS

HATCH LEGEND:

	ASPHALT PAVEMENT		PROPOSED SIDEWALK
	HEAVY DUTY ASPHALT PAVEMENT		EXISTING ASPHALT PAVEMENT

KEY NOTES:

1. CONNECT DOWNSPOUTS TO 6" FLEX PIPE W/ 12" TRUNK LINE; SEE ARCHITECTURAL PLANS FOR EXACT LOCATION



EXP. 06/30/2026



01/15/2025

AES PROJECT NUMBER

60161

DATE OF PLANS

06/16/2023

REVISIONS

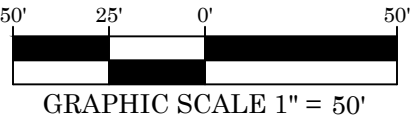
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8	-	-
9	-	-
10	-	-

CORDELE TRAVEL CENTER

STROUD AND COMPANY

DRAINAGE PLAN

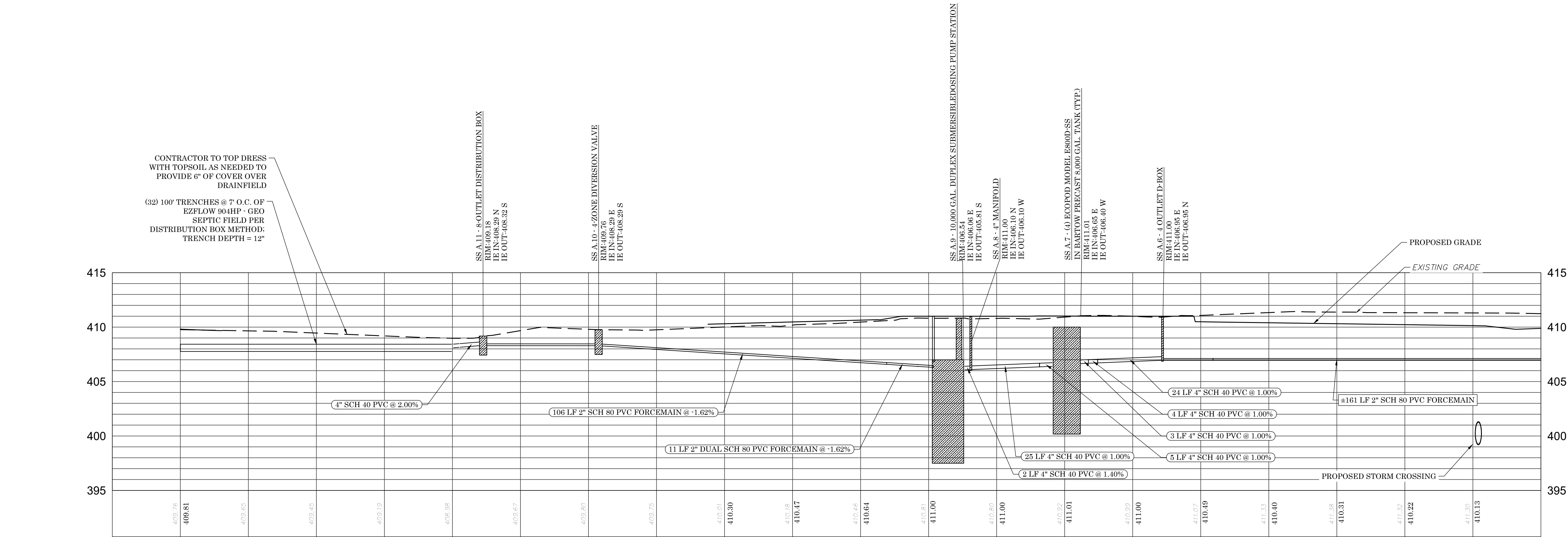
CRISP COUNTY, GEORGIA



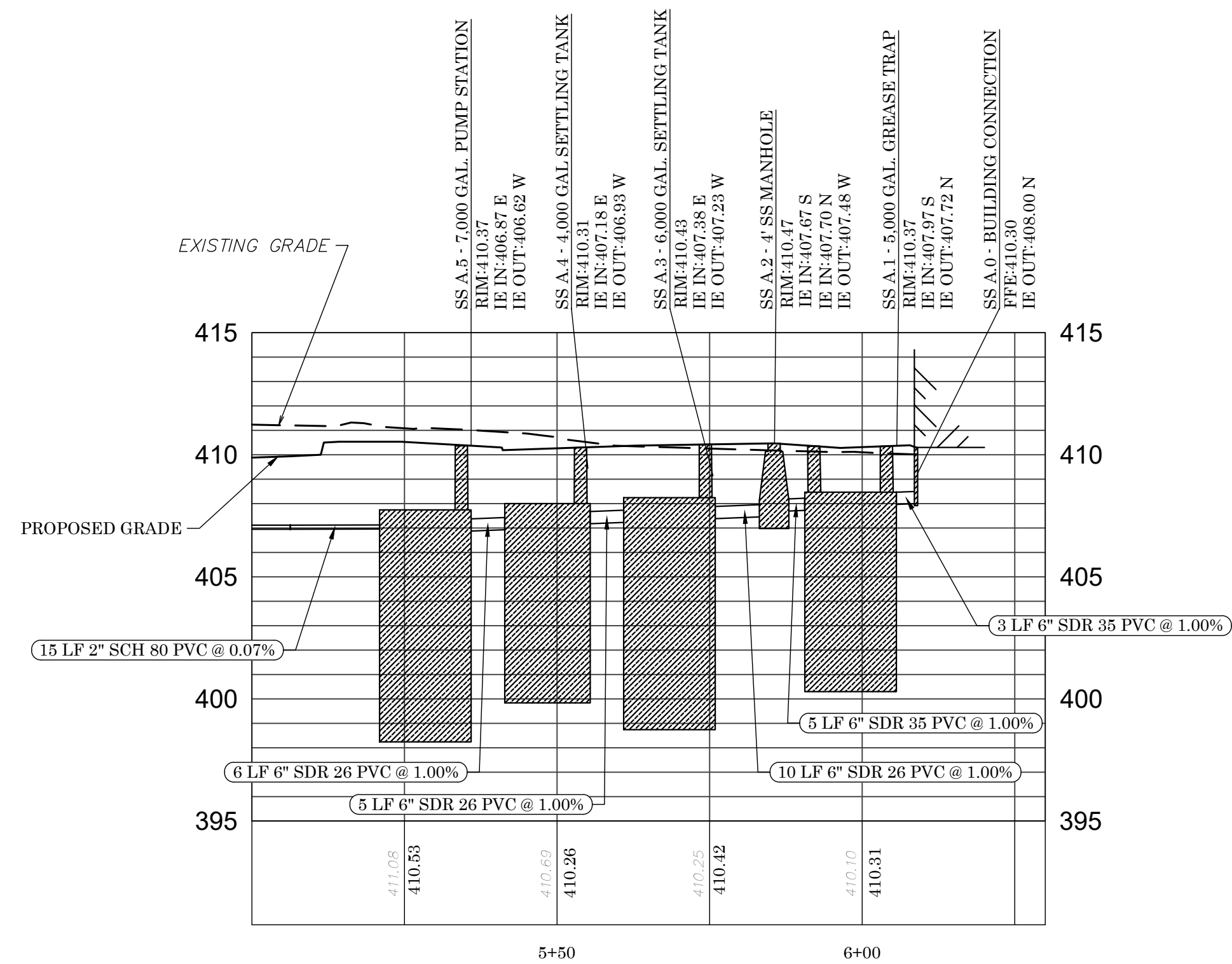
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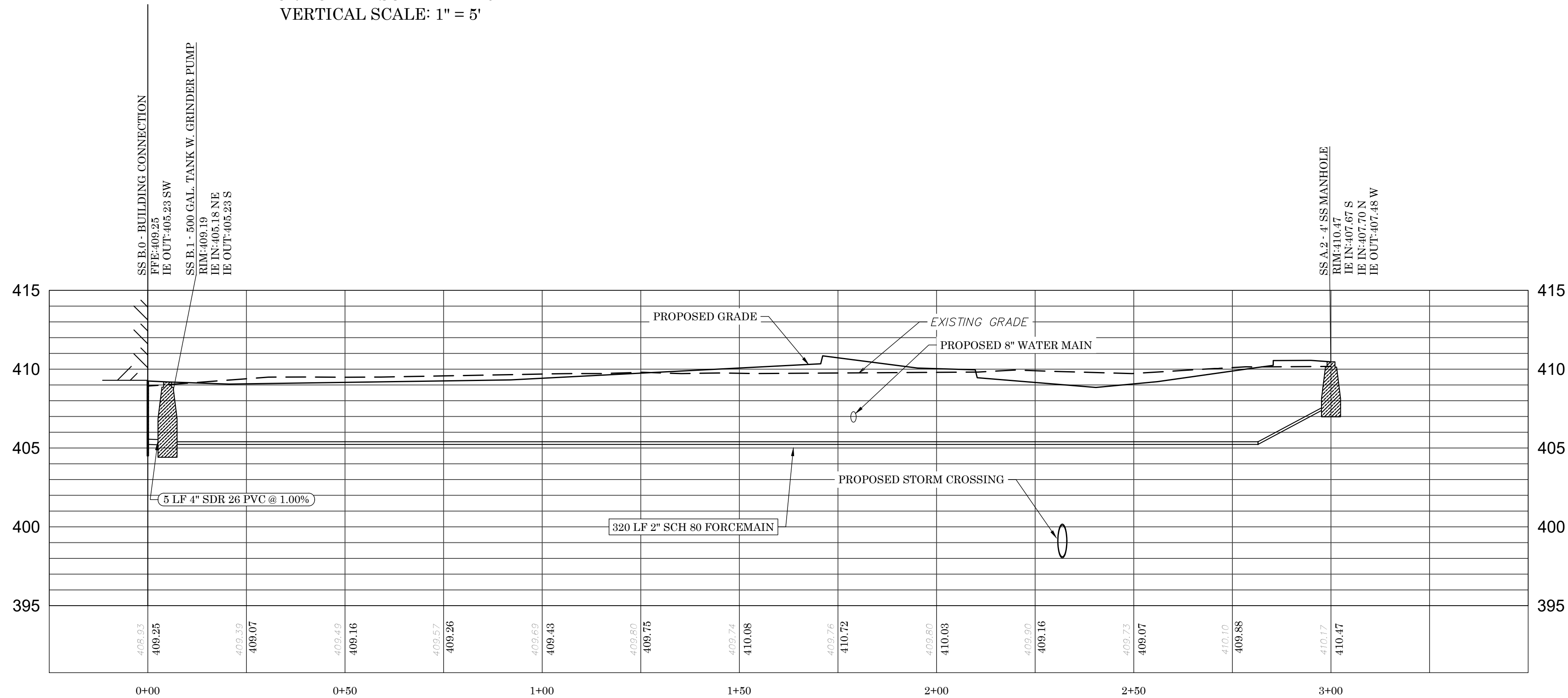




SANITARY SEWER PROFILE A
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



SANITARY SEWER PROFILE A
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

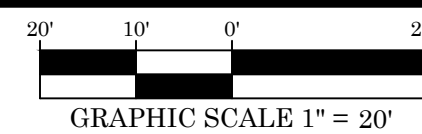


SANITARY SEWER PROFILE B
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

AES PROJECT NUMBER		
60161		
DATE OF PLANS		
06/16/2023		
REVISIONS		
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CORDELE TRAVEL CENTER
STROUD AND COMPANY
SANITARY SEWER PROFILES

CRISP COUNTY, GEORGIA



SHEET

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AES PROJECT NUMBER

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REVISIONS

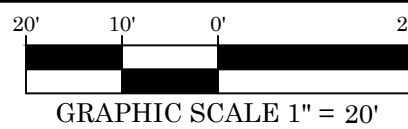
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CORDELE TRAVEL CENTER

STROUD AND COMPANY

SANITARY SEWER PROFILES

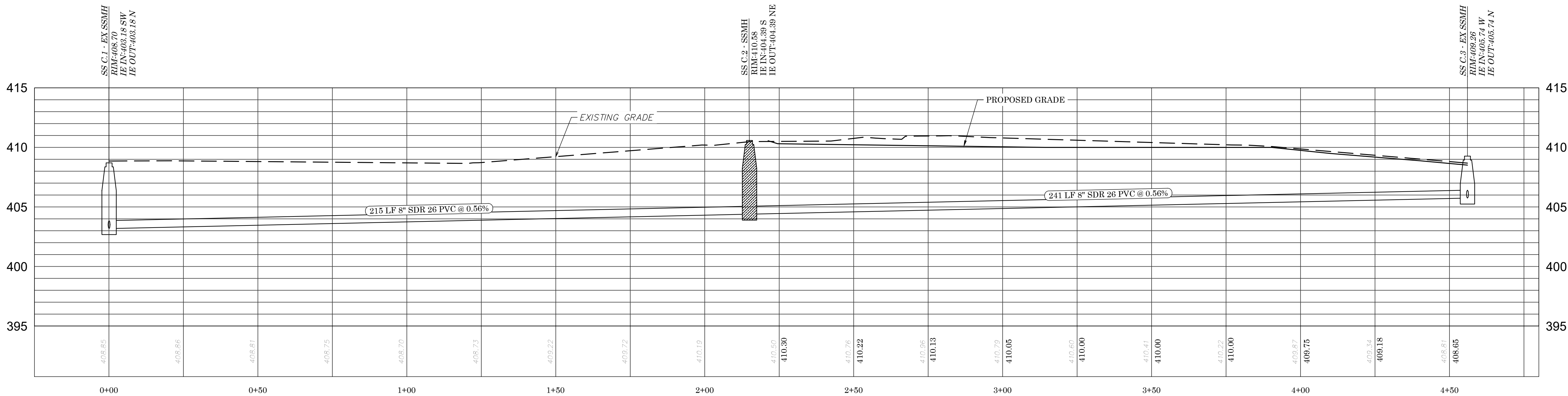
CRISP COUNTY, GEORGIA



GRAPHIC SCALE 1" = 20'

SHEET

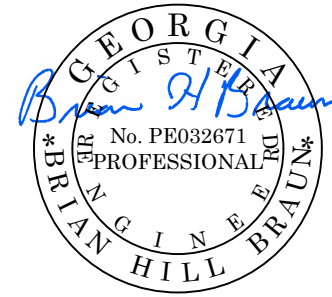
C7.1 OF 29



SANITARY SEWER PROFILE C
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



EXP. 06/30/2026



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60161

DATE OF PLANS

06/16/2023

REVISIONS

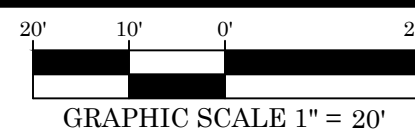
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2	09/12/2023	ISSUED FOR CONSTRUCTION
3	08/12/2024	REVISED PER DPH COMMENTS
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8	-	-
9	-	-
10	-	-

CORDELE TRAVEL CENTER

STROUD AND COMPANY

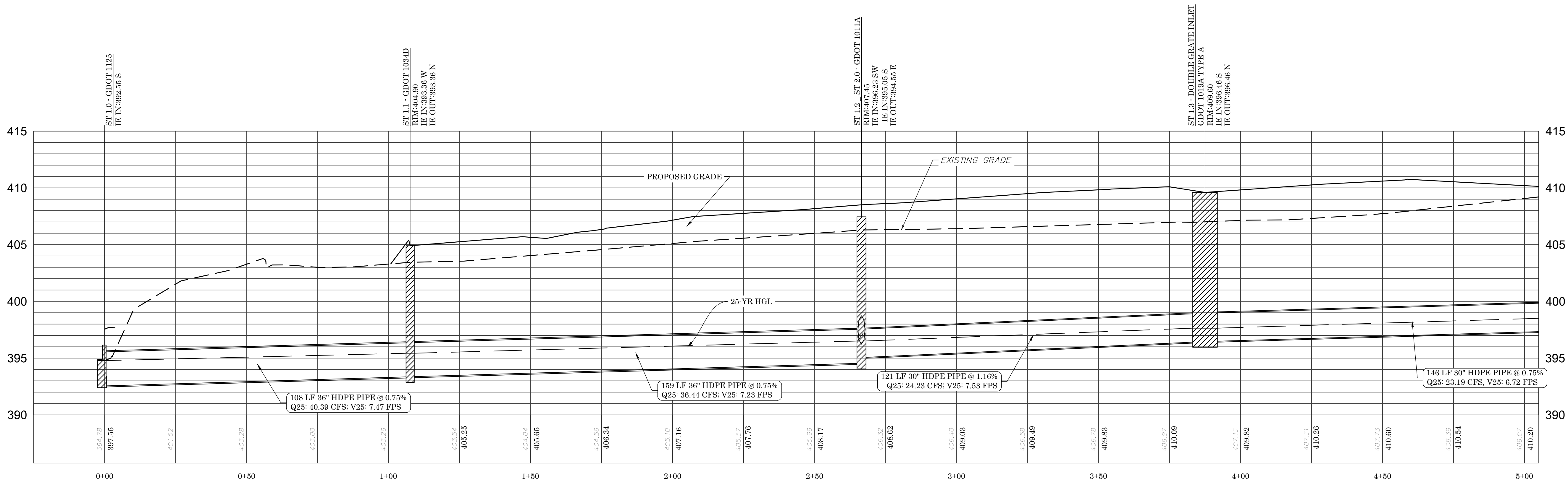
STORM SEWER PROFILES

CRISP COUNTY, GEORGIA

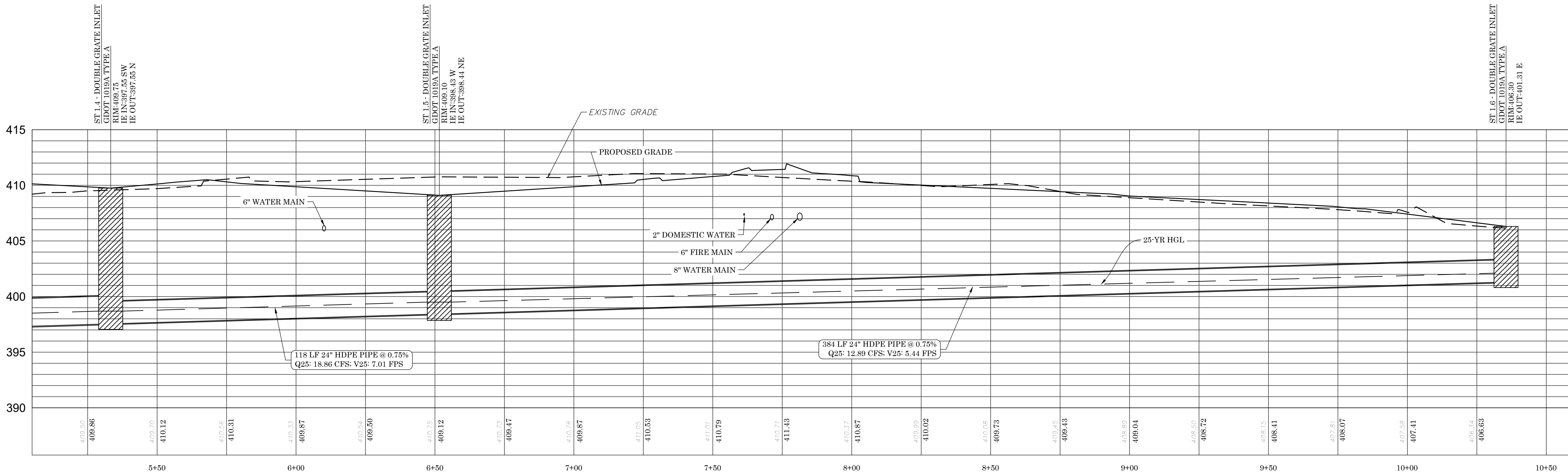


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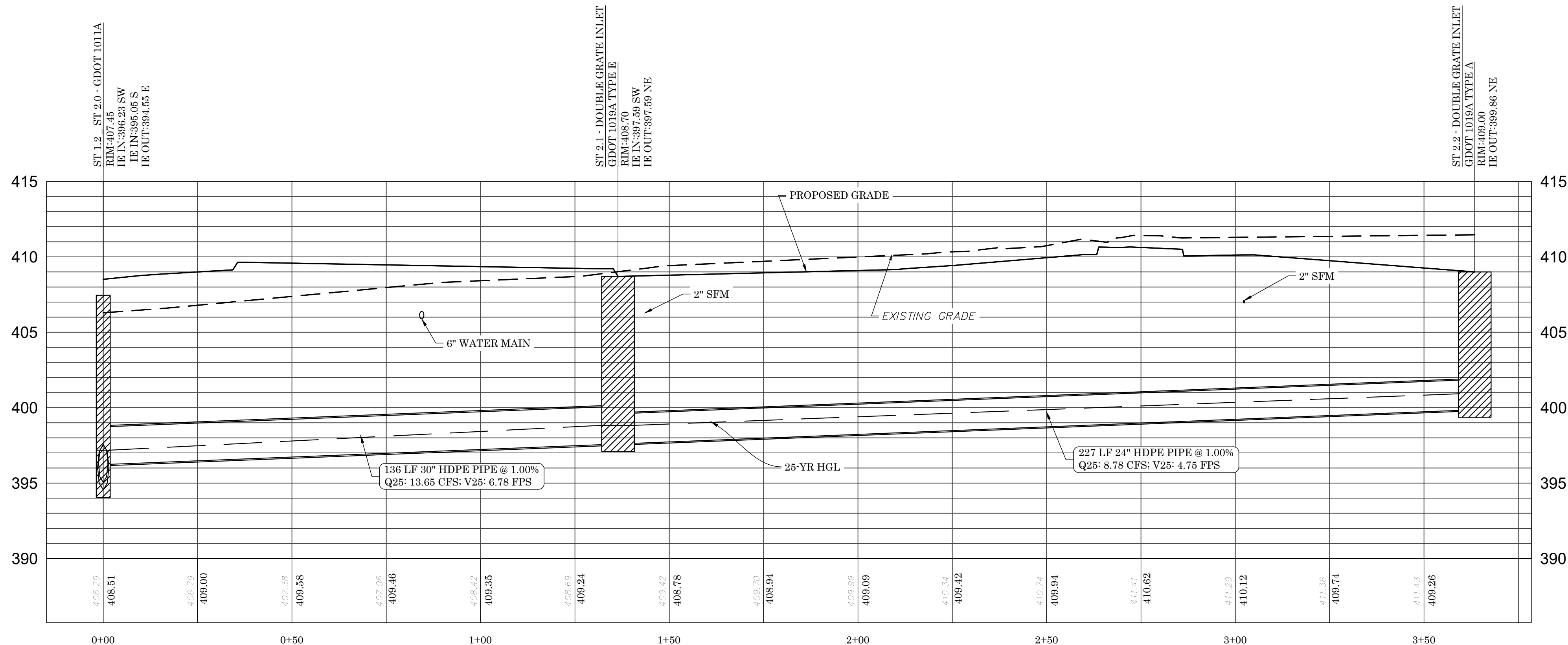
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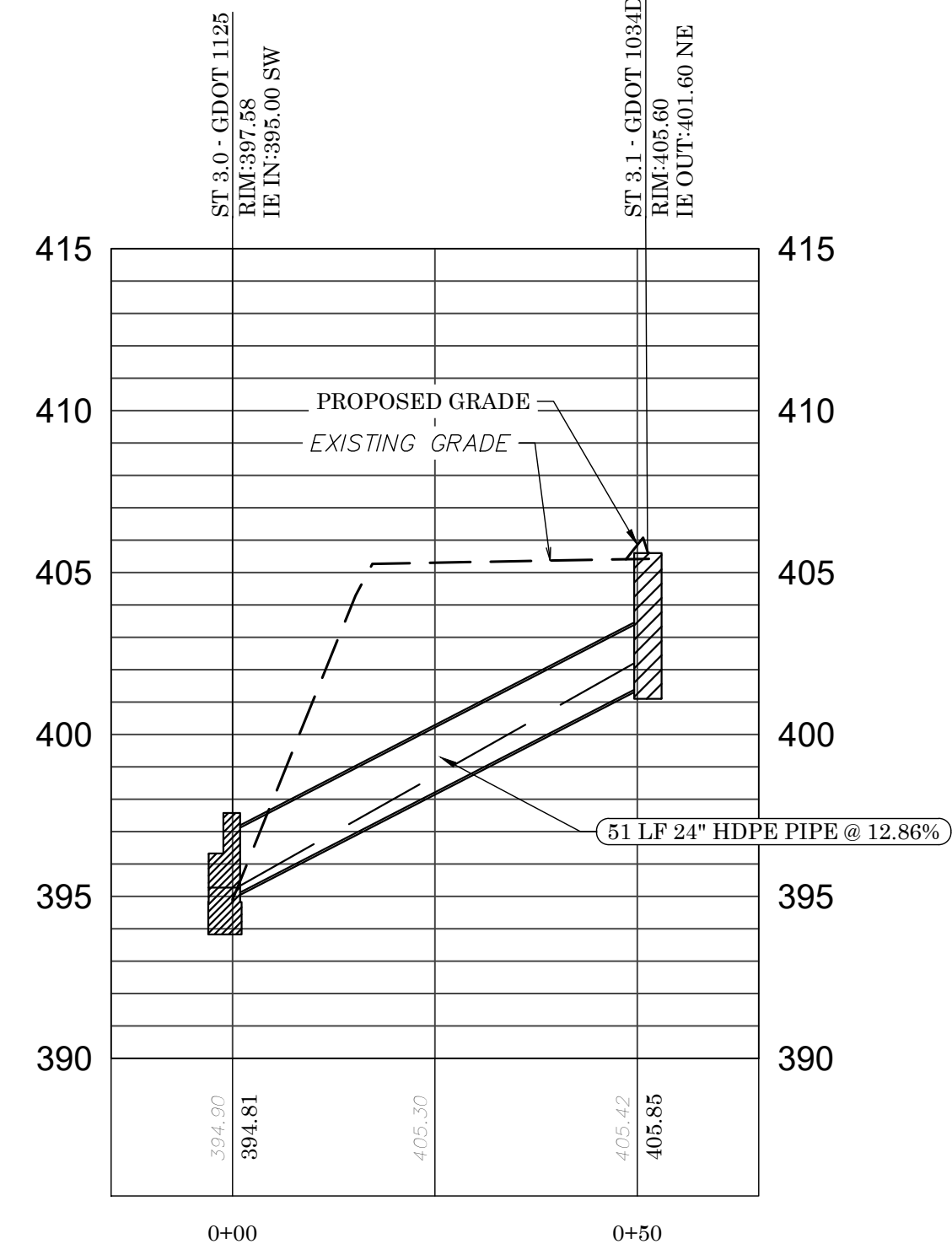
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VERTICAL SCALE: 1" = 5'



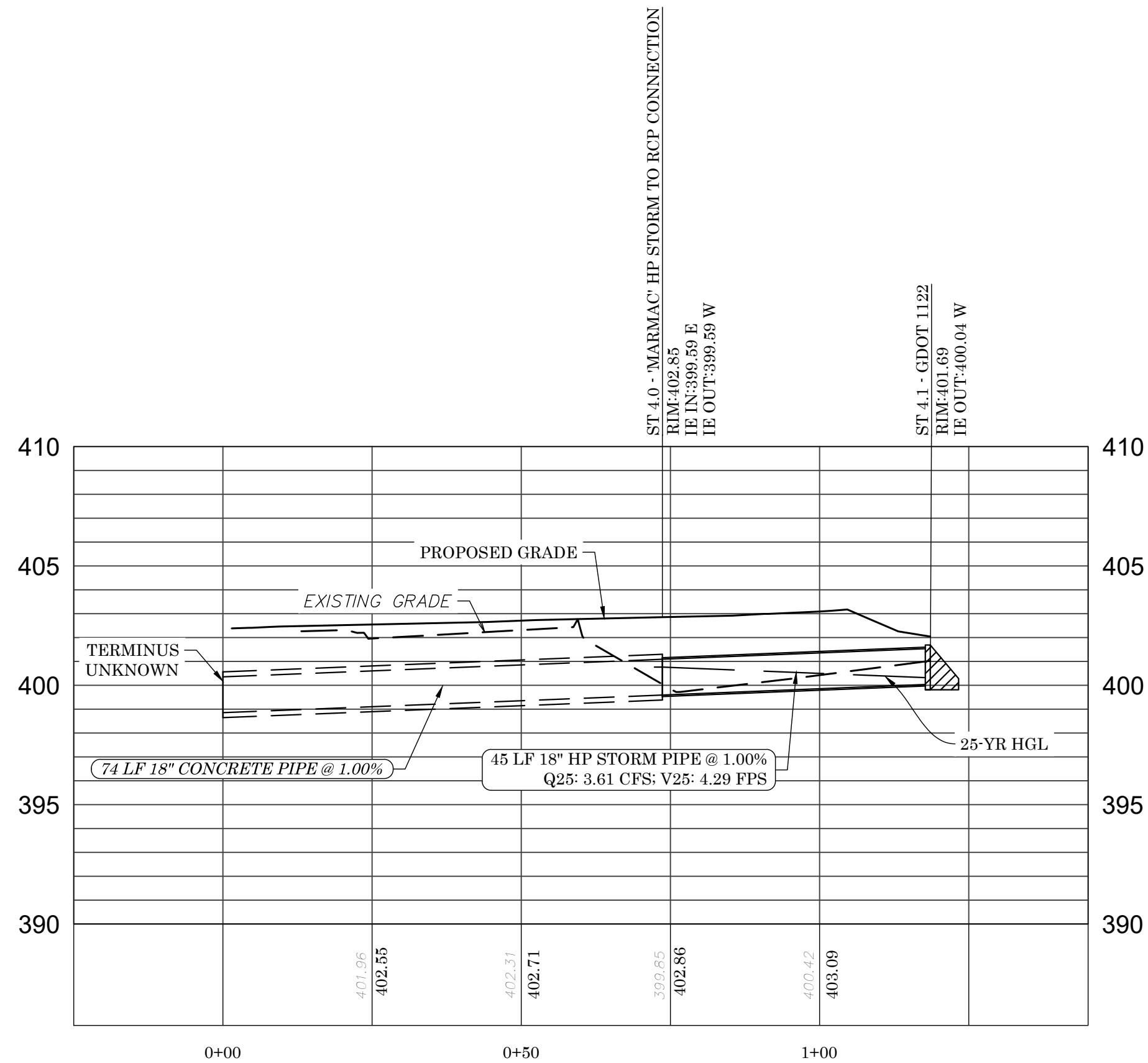
STORM SEWER PROFILE 1
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



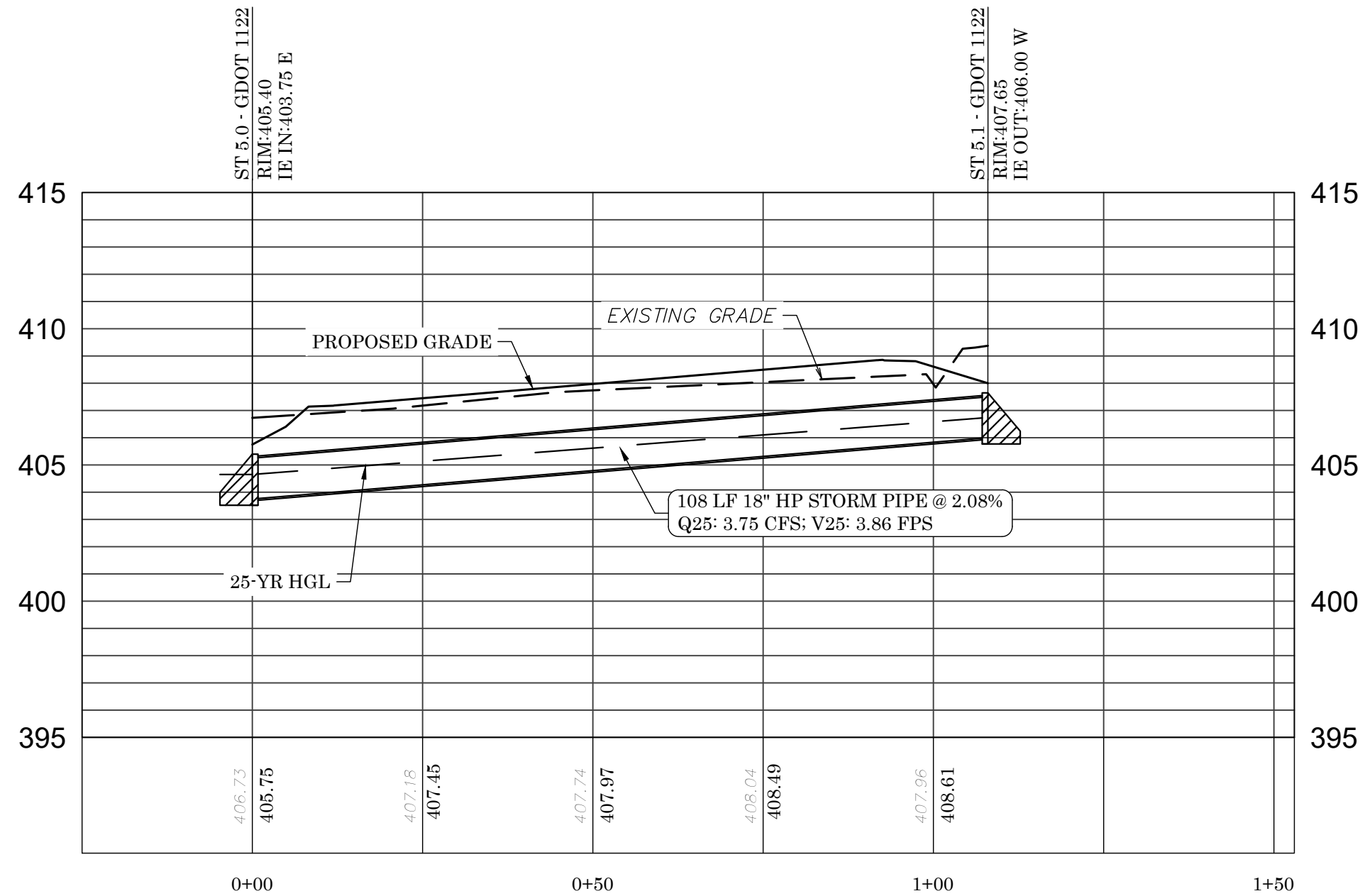
STORM SEWER PROFILE 2
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



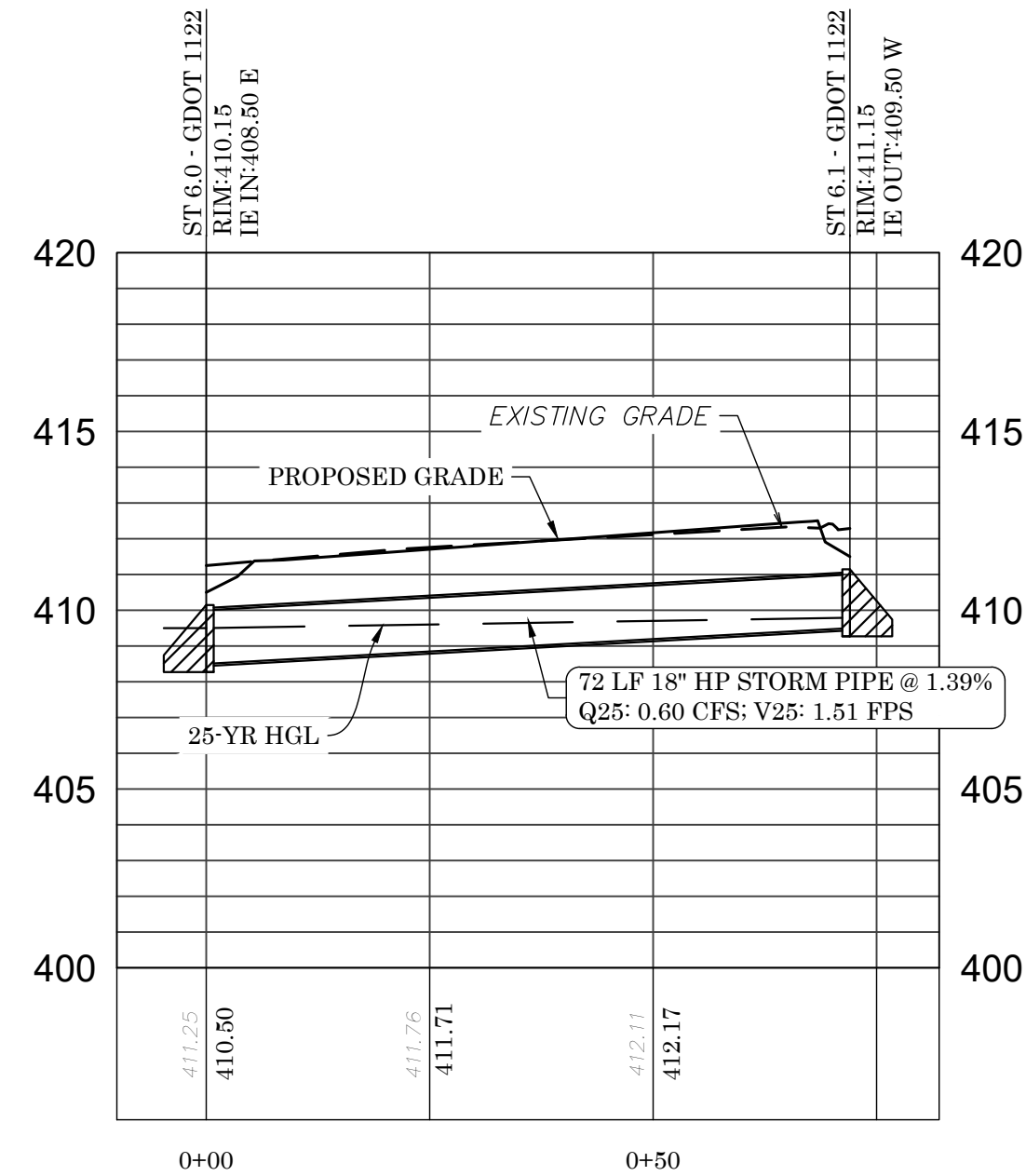
STORM SEWER PROFILE 3
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



STORM SEWER PROFILE 4
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

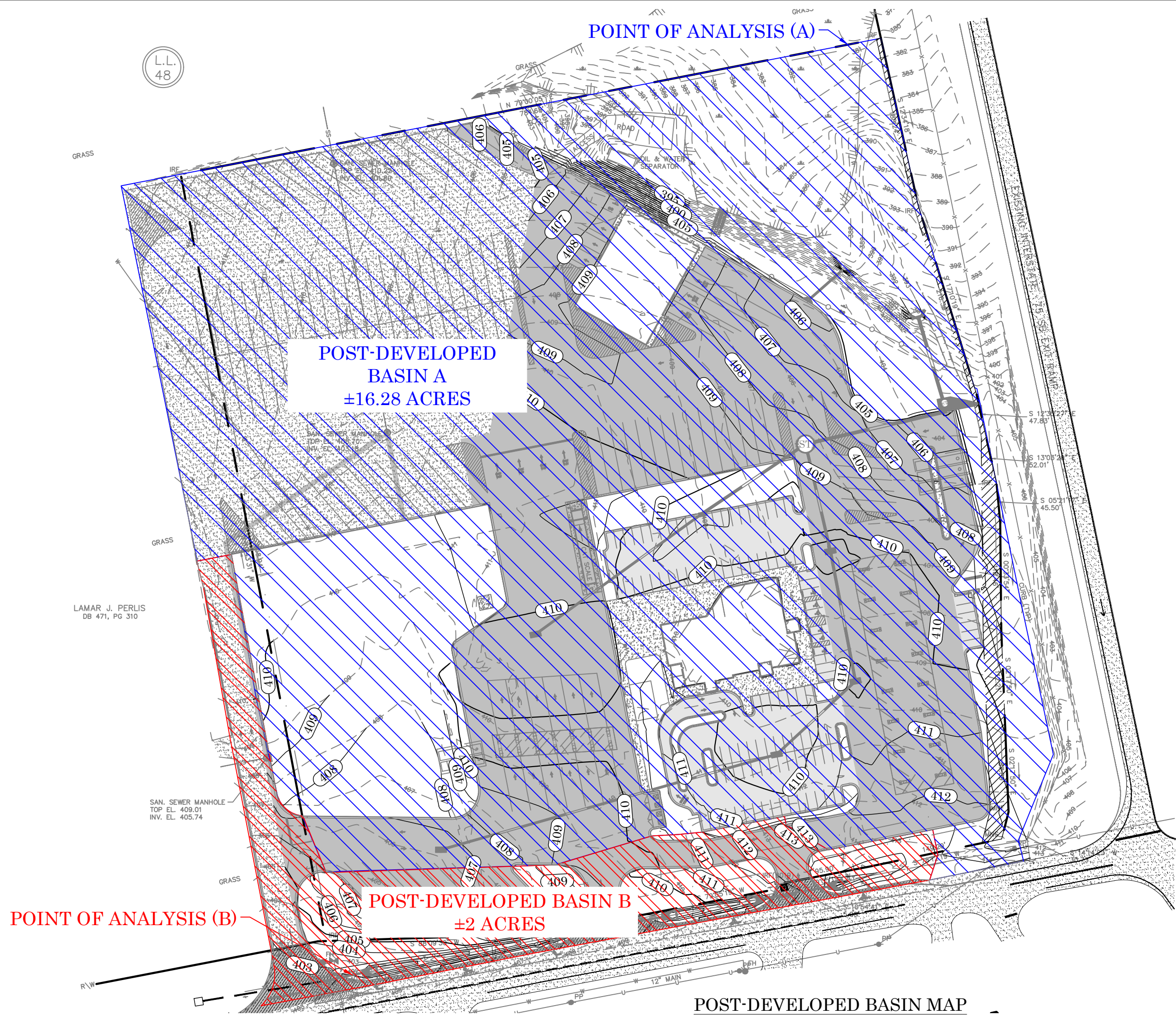
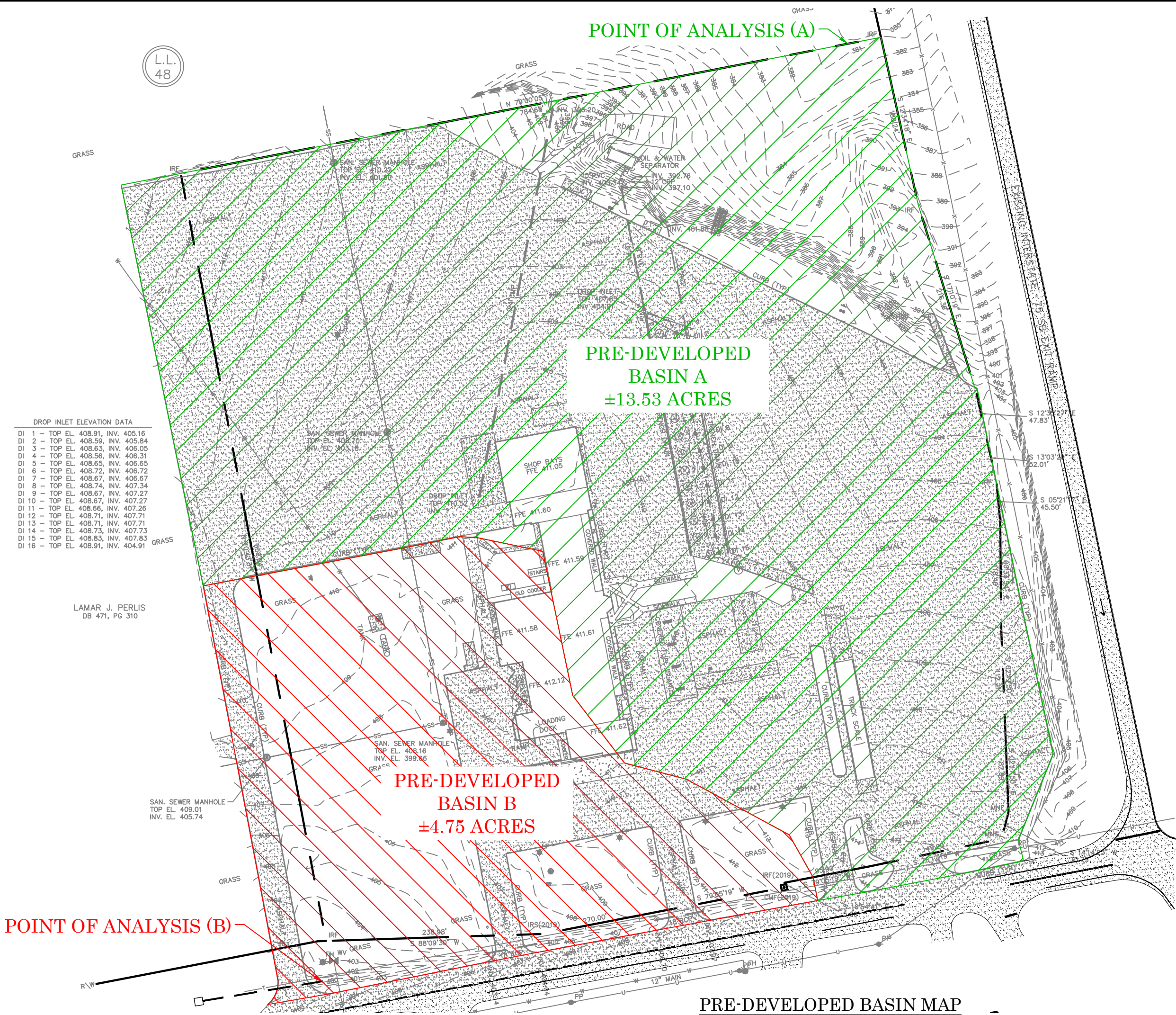


STORM SEWER PROFILE 5
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



STORM SEWER PROFILE 6
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

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7	01/15/2025	GRADING AND SITE PLAN REVISIONS
8	-	-
9	-	-
10	-	-



SITE INFORMATION			
PROJECT ADDRESS		373 E ROCKHOUSE ROAD, CORDELE, GEORGIA 31010	
PARCEL NUMBER		034L 016B (15.91 ACRES)	
PARCEL ZONING		HC (HEAVY COMMERCIAL)	
PROJECT AREA		18.50 ACRES	
BUILDING SETBACK		LANDSCAPE SETBACK	
FRONT	40'	FRONT	20'
SIDE	0'	SIDE	5'
REAR	0'	REAR	5'

HYDROLOGIC BASIN INFORMATION:

PRE-DEVELOPED BASIN

BASIN A: 13.53 ACRES (CN: 95) · T_c: 6.0 MINS *25-YR PEAK RUNOFF: 118.1 CFS*

IMPERVIOUS AREA: 10.91 AC (HSG-C)

OPEN AREA (GOOD CONDITION): 0.53 AC (HSG-C)

WOODED AREA (GOOD COVER): 1.13 AC (HSG-C)

WETLAND AREA: 0.96 AC (HSG-C)

BASIN B: 4.75 ACRES (CN: 73) · T_c: 20.7 MINS *25-YR PEAK RUNOFF: 17.85 CFS*

IMPERVIOUS AREA: 1.58 AC (HSG-B)

OPEN AREA (GOOD CONDITION): 3.17 AC (HSG-B)

POST-DEVELOPED BASIN

BASIN A: 16.28 ACRES (CN: 94) · T_c: 13.7 MINS *25-YR PEAK RUNOFF: 105.87 CFS*

IMPERVIOUS AREA: 10.94 AC (HSG-C)

OPEN AREA (GOOD CONDITION): 3.19 AC (HSG-C)

WOODED AREA (GOOD COVER): 1.19 AC (HSG-C)

WETLAND AREA: 0.96 AC (HSG-C)

BASIN B: 2.0 ACRES (CN: 75) · T_c: 6.0 MINS *25-YR PEAK RUNOFF: 15.08 CFS*

IMPERVIOUS AREA: 1.12 AC (HSG-B)

OPEN AREA (GOOD CONDITION): 0.88 AC (HSG-B)

DRAINAGE NARRATIVE:

THE PROPOSED DEVELOPMENT (CORDELE TRAVEL CENTER) IS LOCATED AT 373 E ROCKHOUSE ROAD, CORDELE, GEORGIA 31010. THE PROJECT AREA CONSISTS OF AN 18.50 ACRE TRAVEL CENTER. THE PRE-DEVELOPED CONDITION CONSISTS OF TWO DRAINAGE BASINS. BASIN A SHEET FLOWS TOWARDS THE NORTH AND DISCHARGES INTO A WETLAND AREA. BASIN B SHEET FLOWS TOWARD THE SOUTH AND DISCHARGES INTO AN EXISTING STORMWATER DRAINAGE DITCH ALONG ROCKHOUSE ROAD. THE PROPOSED DEVELOPMENT WILL CONSIST OF AN 11,963 SF TRAVEL CENTER, ASPHALT PARKING AND DRIVE AREAS, PEDESTRIAN SIDEWALKS, UTILITY INFRASTRUCTURE IMPROVEMENTS, STORMWATER MANAGEMENT SYSTEM, AND LANDSCAPED AREAS. THE POST-DEVELOPED CONDITIONS CONSIST OF TWO DRAINAGE BASINS.

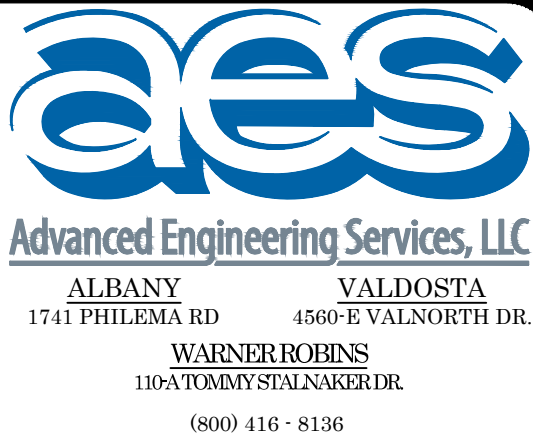
BASIN A SHEET FLOWS TOWARDS THE NORTH AND EAST. RUNOFF DISCHARGES INTO STORMWATER INLETS AND FLOWS TO THE WETLAND AREA. A PORTION OF THE SITE TO THE EAST OF THE FUEL CANOPY WILL BE FLUMED TO THE DITCH RUNNING PARALLEL TO THE I-75 EXIT RAMP. STORMWATER RUNOFF FROM ALL OF BASIN A FLOWS DOWNSTREAM AND TERMINATES IN THE WETLANDS AT THE NORTH OF THE SITE AS IN THE PRE-DEVELOPED CONDITION.

BASIN B FOLLOWS A SIMILAR DRAINAGE PATTERN AS IN THE PRE-DEVELOPED CONDITION. BASIN B SHEET FLOWS TOWARD THE SOUTHWEST AND ENTERS INTO THE EXISTING STORMWATER DRAINAGE DITCH ALONG THE ROCKHOUSE ROAD RIGHT OF WAY. STORMWATER RUNOFF FROM ALL OF BASIN B FLOWS DOWNSTREAM AND EXITS THE BASIN ALONG THE SOUTHWEST PROPERTY LINE AS IN THE PRE-DEVELOPED CONDITION. BASIN B DOES NOT INCREASE RUNOFF BY MORE THAN 1 CFS INTO STATE ROW. SITE WILL NOT HAVE ANY ADVERSE EFFECT UPSTREAM, DOWNSTREAM, OR ON THE STATE ROW.

PEAK FLOWS FROM BOTH POST-DEVELOPED BASIN A AND BASIN B ARE LESS THAN THE PRE-DEVELOPED BASIN A AND BASIN B FLOWS. THEREFORE, NO DETENTION IS REQUIRED FOR THIS SITE.

FLOODPLAIN INFORMATION:

THE PROPERTY SHOWN HEREON IS LOCATED IN FLOOD ZONE X AS PER FLOOD INSURANCE RATE MAP FOR CRISP COUNTY, GEORGIA, AND SHOWN ON MAP NO. 13081C0165B, WITH AN EFFECTIVE DATE OF 09/25/2009. FLOOD ZONE X DENOTES AREA OF MINIMAL FLOOD HAZARD



AES PROJECT NUMBER		
60161		
DATE OF PLANS		
06/16/2023		
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7	01/15/2025	GRADING AND SITE PLAN REVISIONS
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9	-	-
10	-	-

CORDELE TRAVEL CENTER

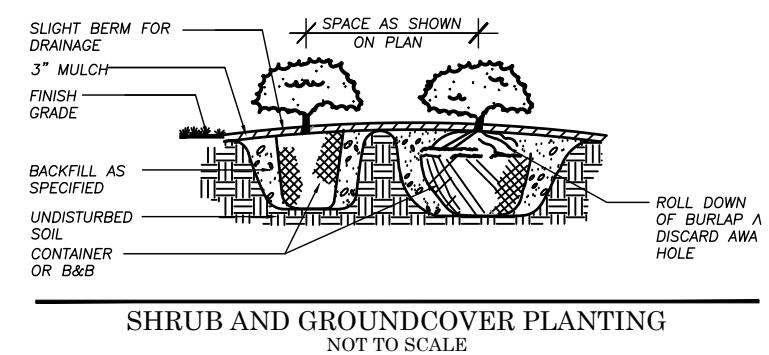
STROUD AND COMPANY

HYDROLOGY PLAN



SITE INFORMATION			
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PARCEL NUMBER		034L 016B (15.91 ACRES)	
PARCEL ZONING		HC (HEAVY COMMERCIAL)	
PROJECT AREA		18.50 ACRES	
BUILDING SETBACK		LANDSCAPE SETBACK	
FRONT	40'	FRONT	20'
SIDE	0'	SIDE	5'
REAR	0'	REAR	5'

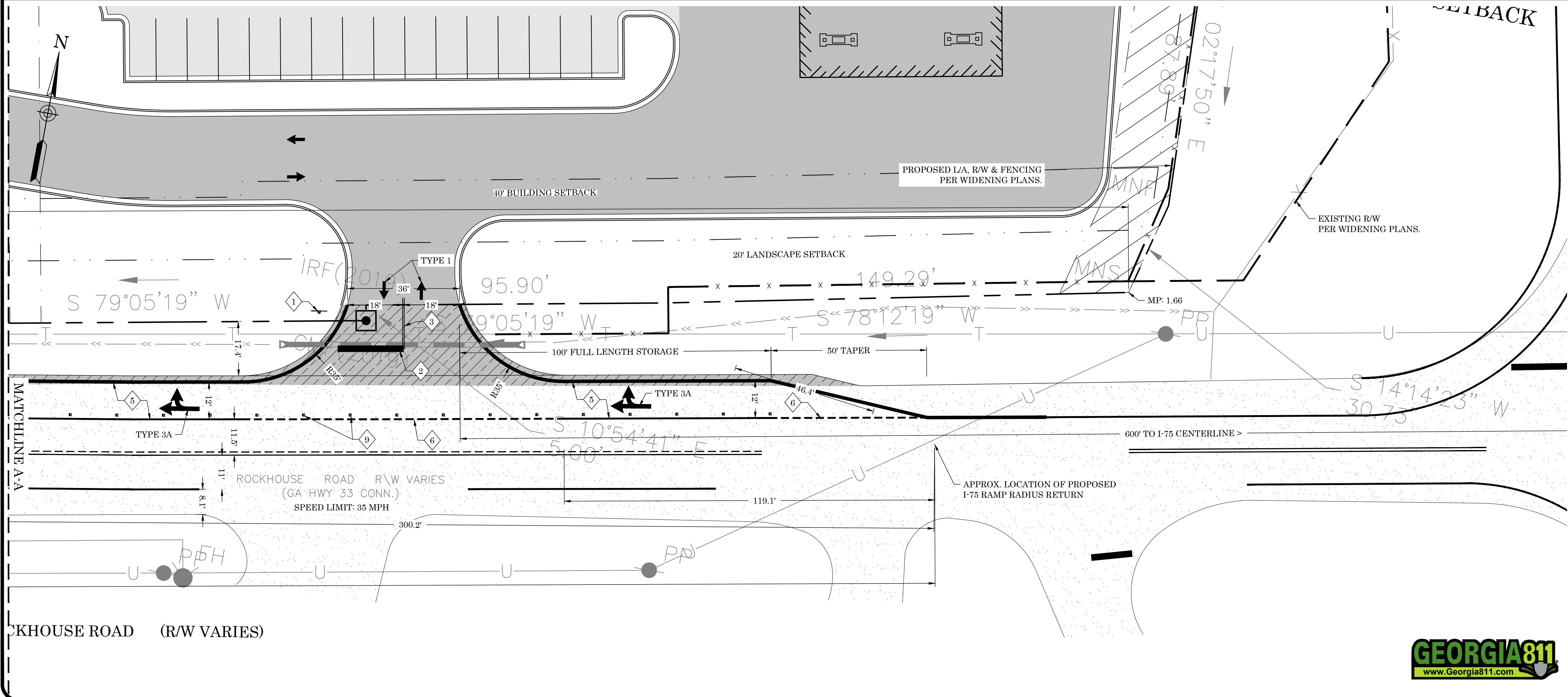
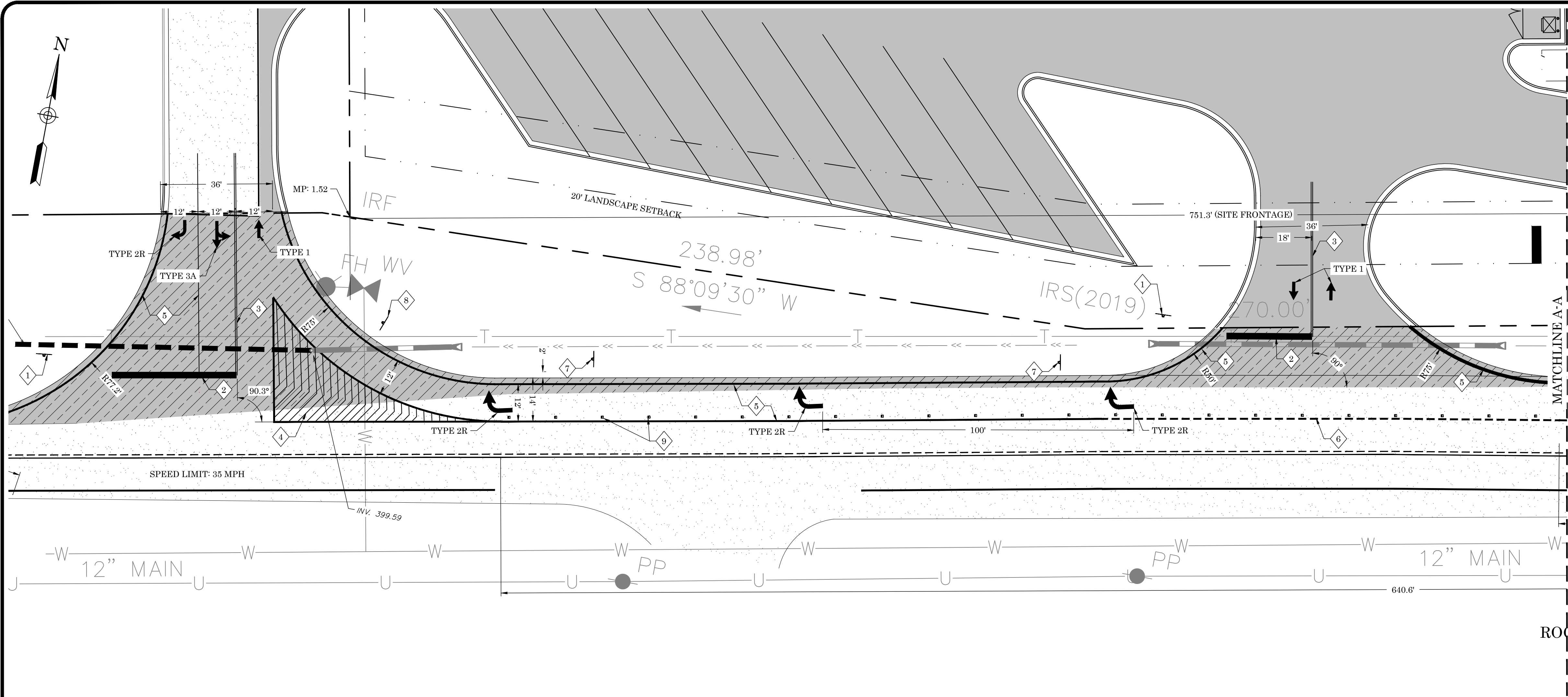
1. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK.
2. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON ALL DRAWINGS.
3. ALL MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
4. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE PROJECT ARCHITECT OR EQUAL.
5. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANTS ORIGINAL GRADE BEFORE DIGGING.
6. ALL PLANTS SHALL BE BALLED AND WRAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT TIME OF PLANTING
7. WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE CUT THROUGH THE SURFACE IN TWO VERTICAL LOCATIONS.
8. THE DAY PRIOR TO PLANTING, THE LOCATION OF ALL TREES AND SHRUB SHALL BE STAKED FOR APPROVAL THE PROJECT LANDSCAPE ARCHITECT OR EQUAL.
9. ALL PLANT MATERIAL SHALL BE SELECTED AT THE NURSERIES BY THE PROJECT LANDSCAPE ARCHITECT OR EQUAL.
10. ALL PLANTS SHALL BE INSTALLED AS PER DETAILS AND THE CONTRACT SPECIFICATIONS.
11. ALL PLANTS AN STAKES SHALL BE SET PLUM UNLESS OTHERWISE SPECIFIED.
12. THE LANDSCAPE CONTRACTOR SHALL PROVIDE FILL AS PER THE CONTRACT SPECIFICATIONS.
13. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24-HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY, IF NECESSARY, DURING THE FIRST GROWING SEASON.
14. THE LANDSCAPE CONTRACTOR SHALL REFER TO THE CONTRACT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
15. THE LANDSCAPE CONTRACTOR SHALL REFER TO THE PLANT LIST FOR SEASONAL REQUIREMENTS RELATED TO THE TIME OF PLANTING.
16. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTINGS INCLUDING BUT NOT LIMITED TO WATERING, SPRAYING, MULCHING, FERTILIZING, ETC. OF PLANTING AREAS & LAWNS UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE LANDSCAPE ARCHITECT OR THE OWNER.
17. ALL PLANTS AND PLANTING AREAS MUST BE COMPLETELY MULCHED AT A MINIMUM DEPTH OF 3" USING A SHREDDED HARDWOOD MULCH, PINESTRAW, OR SIMILAR MATERIAL.
18. ALL DISTURBED AREAS NOT COVERED BY STRUCTURES, PAVING OR LANDSCAPING SHALL BE EITHER SEEDED OR SODDED.
19. ALL PLANTINGS SHALL BE THOROUGHLY WATERED BY THE LANDSCAPE CONTRACTOR AT THE TIME OF THE PLANTINGS.
20. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER GRASSING. WATER REGULARLY TO KEEP LAWN AREA MOIST TO MAXIMIZE GERMINATION AND MAINTAIN OPTIMUM GROWTH AND SURVIVAL TO ACHIEVE AN ACCEPTABLE STAND OF ESTABLISHED LAWN.



CORDELE TRAVEL CENTER
STROUD AND COMPANY
LANDSCAPE PLAN

GRAPHIC SCALE 1" = 50'

SHEET
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SITE INFORMATION			
PROJECT ADDRESS		373 E ROCKHOUSE ROAD, CORDELE, GEORGIA 31010	
PARCEL NUMBER		034L 016B (15.91 ACRES)	
PARCEL ZONING		HC (HEAVY COMMERCIAL)	
PROJECT AREA		18.50 ACRES	
BUILDING SETBACK		LANDSCAPE SETBACK	
FRONT	40'	FRONT	20'
SIDE	0'	SIDE	5'
REAR	0'	REAR	5'

HATCH LEGEND:			
	STANDARD DUTY ASPHALT PAVEMENT		PROPOSED SIDEWALK
	HEAVY DUTY ASPHALT PAVEMENT		EXISTING ASPHALT PAVEMENT
	DOT ASPHALT PAVEMENT		

- DOT SITE INFORMATION:**
- OWNER: STROUD AND COMPANY
 - OWNER ADDRESS: P.O. BOX 4044 MACON, GEORGIA 31208
 - PROJECT ROAD NAME: GA STATE ROUTE 33C (ROCKHOUSE ROAD)
 - POSTED SPEED LIMIT: 35 MPH
 - MILE POST NUMBER: 1.52-1.66 (HEADING EAST)
 - SITE FRONTAGE: 751.25 FT.
 - DRIVEWAY WIDTH: VARIES - SEE PLANS
 - INTERSECTION RADIUS: VARIES - SEE PLANS
 - INTERSECTION ANGLE: VARIES - SEE PLANS
 - INTERSECTION SLOPE: VARIES - SEE PLANS
 - SIDEWALK LENGTH: N/A
 - SIGHT DISTANCE: >365 FT. LEFT : SIGHT DISTANCE: >415 FT. RIGHT
 - 2021 AADT: 900 (GDOT STATION 081-0057)
 - PROPOSED SITE DOES NOT INCREASE RUNOFF BY MORE THAN 1 CFS INTO STATE ROW. SITE WILL NOT HAVE ANY ADVERSE EFFECT UPSTREAM, DOWNSTREAM, OR ON THE STATE ROW.

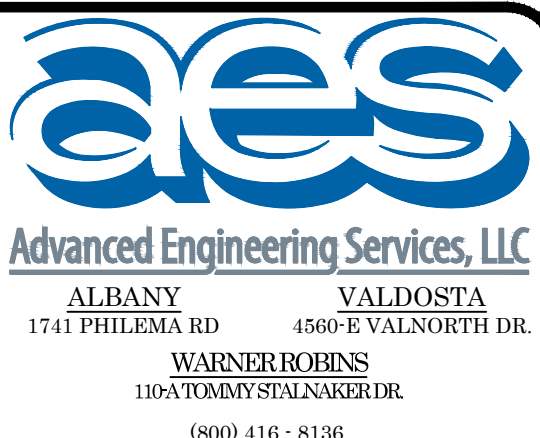
- DOT SITE MARKING NOTES:**
- ALL PAVEMENT MARKINGS INSTALLED ON ASPHALT WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE THERMOPLASTIC MATERIAL. HIGH CONTRAST TAPE SHALL BE INSTALLED ON CONCRETE.
 - LANE LINES ARE GENERALLY 5" (WHITE)
 - STOP LINES SHOULD BE 24" (WHITE)
 - CENTER LINES SHOULD BE 5" DOUBLE YELLOW
 - DECELERATION LANES AND LEFT TURN LANES SHOULD HAVE TURN ARROWS (TP-2) SPACED EVERY 100 FEET.
 - NEW CONSTRUCTION SHOULD INSTALL 5" WHITE EDGE LINES, INCLUDING AT NEW CURB & GUTTER
 - RAISED PAVEMENT MARKERS (RPMs) SHALL BE INSTALLED FOR ALL NEW CONSTRUCTION ON ROADWAYS WITH EXISTING RPMs.
 - CROSSWALKS SHOULD USE THE CURRENT GEORGIA DOT STANDARDS
 - REFER TO PEDESTRIAN AND STREETSCAPE GUIDE.
 - FOR THERMOPLASTIC STRIPING: REFERENCE GDOT "SIGNING AND MARKING DESIGN GUIDELINES", LATEST EDITION, AND GDOT SPECIFICATION SECTIONS 652 "PAINTING TRAFFIC STRIPE" & 653 "THERMOPLASTIC TRAFFIC STRIPE".

SIGHT DISTANCE CERTIFICATION:

I, THE UNDERSIGNED, HEREBY CERTIFY THE SIGHT DISTANCE FOR THE PROJECT IS DESIGNED WITH ADEQUATE DISTANCE. THE REGULATED SPEED LIMIT ON THE APPROACHING THOROUGHFARE IS 35 MPH. THE DESIGNED SIGHT DISTANCE PROVIDES VISIBILITY OF 365 FEET TO THE LEFT, AND 415 FEET TO THE RIGHT. THE SIGHT DISTANCE SHALL BE MEASURED FROM A POINT OF 15 FEET FROM TRAVEL LANE AT AN EYE LEVEL OF 3.5 FEET AND LOOKING AT AN OBJECT 3.5 FEET ABOVE THE CENTERLINE.

BRIAN H. BRAUN, PE
DATE: 01/15/2025

- KEY NOTES:**
- 36" STOP SIGN (R1-1)
 - 24" WHITE STOP BAR, THERMOPLASTIC
 - 5" DOUBLE YELLOW STRIPED CENTERLINE THERMOPLASTIC
 - 6" SOLID WHITE TRAFFIC GORE STRIPING PER GDOT STANDARDS
 - 5" WHITE EDGE STRIPING THERMOPLASTIC
 - 5" WHITE SKIP STRIPING
 - "RIGHT LANE MUST TURN RIGHT" SIGN
 - 36" x 36" YIELD SIGN (R1-2)
 - T-15A RPM'S PLACED PER GDOT STANDARDS



EXP. 06/30/2026



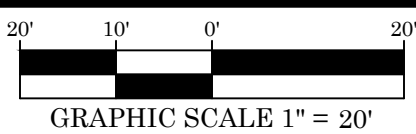
01/15/2025

AES PROJECT NUMBER
60161
DATE OF PLANS
06/16/2023
REVISIONS

NO.	DATE	DESCRIPTION
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8	-	-
9	-	-
10	-	-

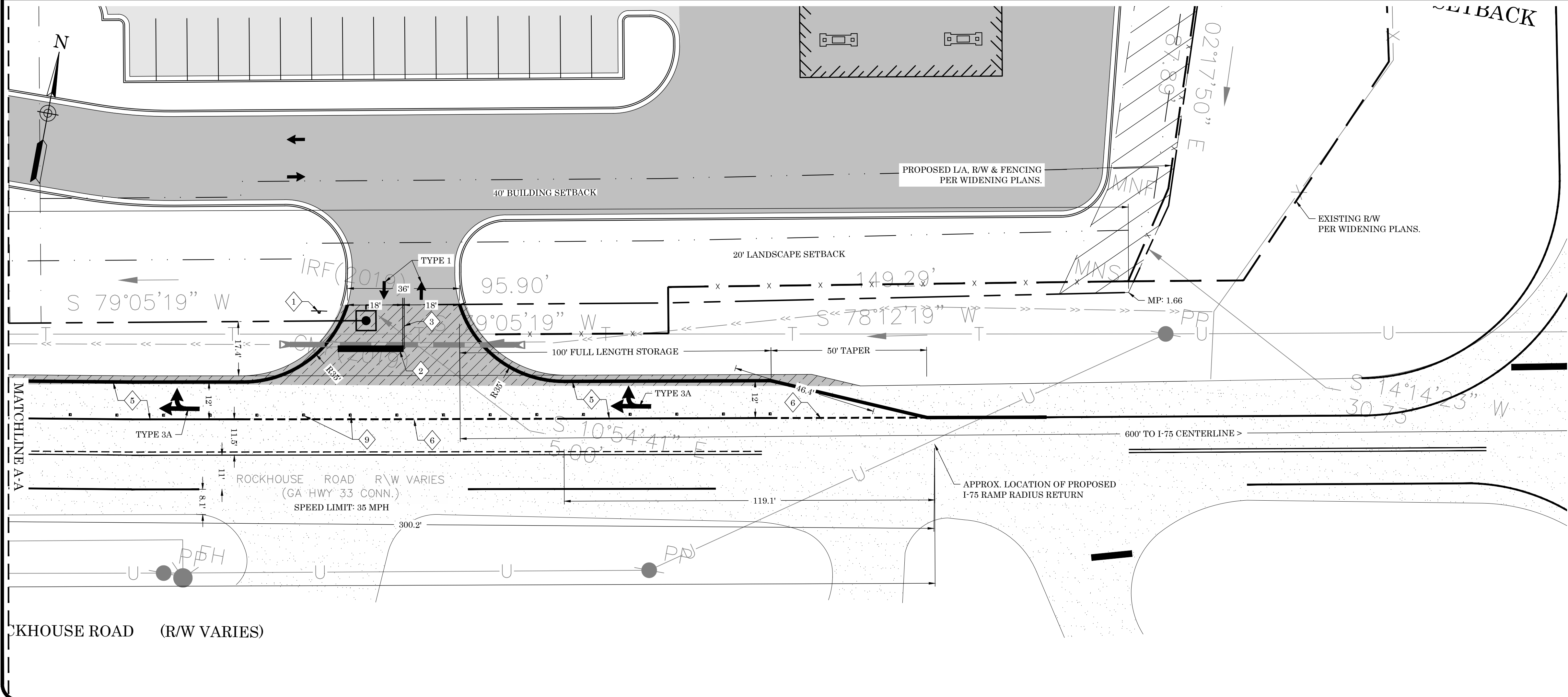
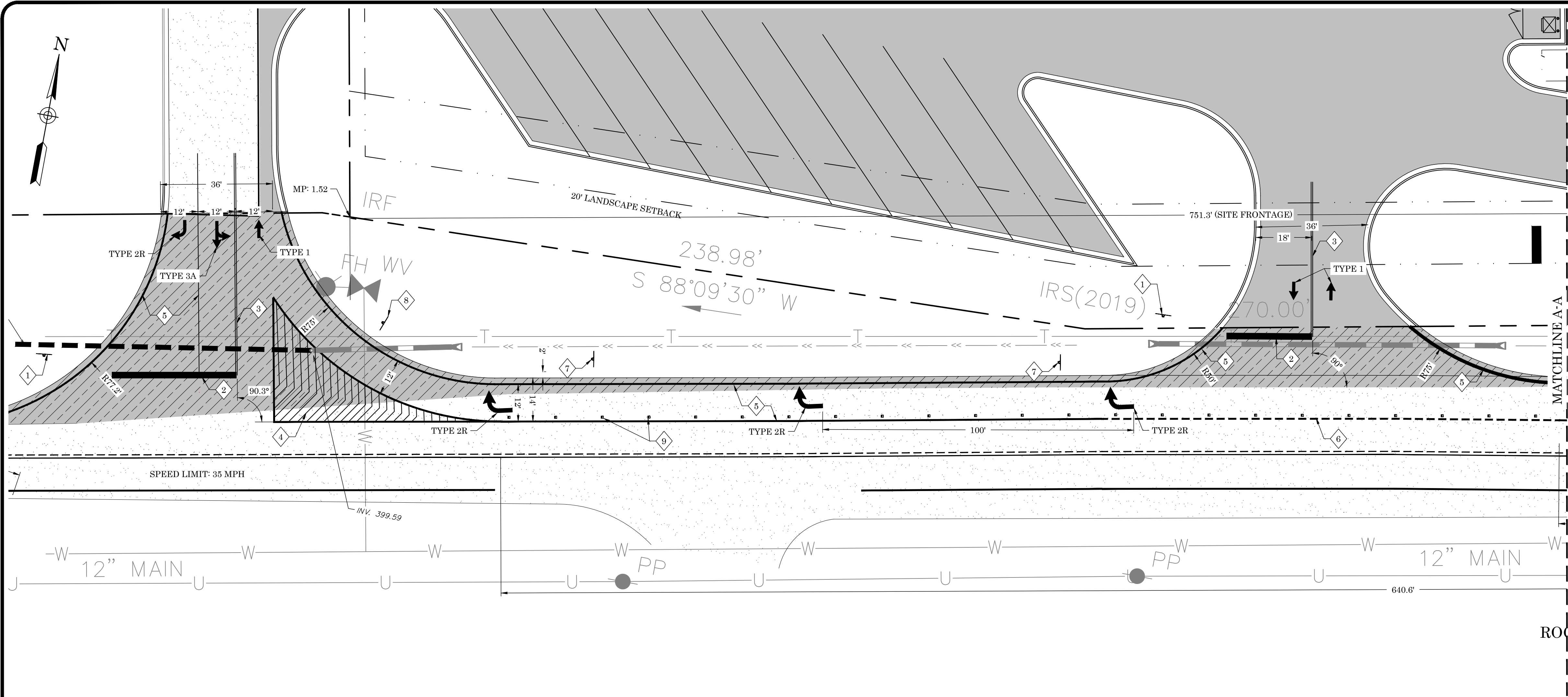
CORDELE TRAVEL CENTER
STROUD AND COMPANY
DOT STRIPING & SIGNAGE PLAN

CRISP COUNTY, GEORGIA



GRAPHIC SCALE 1" = 20'

SHEET
C10.0 OF 29



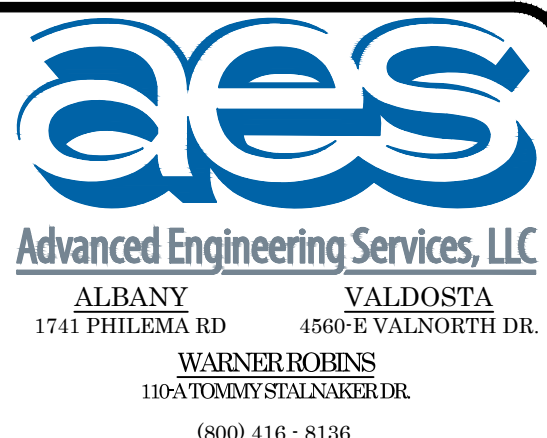
SITE INFORMATION			
PROJECT ADDRESS		373 E ROCKHOUSE ROAD, CORDELE, GEORGIA 31010	
PARCEL NUMBER		034L 016B (15.91 ACRES)	
PARCEL ZONING		HC (HEAVY COMMERCIAL)	
PROJECT AREA		18.50 ACRES	
BUILDING SETBACK		LANDSCAPE SETBACK	
FRONT	40'	FRONT	20'
SIDE	0'	SIDE	5'
REAR	0'	REAR	5'

HATCH LEGEND:			
	STANDARD DUTY ASPHALT PAVEMENT		PROPOSED SIDEWALK
	HEAVY DUTY ASPHALT PAVEMENT		EXISTING ASPHALT PAVEMENT
	DOT ASPHALT PAVEMENT		

- DOT SITE INFORMATION:**
- OWNER: STROUD AND COMPANY
 - OWNER ADDRESS: P.O. BOX 4044 MACON, GEORGIA 31208
 - PROJECT ROAD NAME: GA STATE ROUTE 33C (ROCKHOUSE ROAD)
 - POSTED SPEED LIMIT: 35 MPH
 - MILE POST NUMBER: 1.52-1.66 (HEADING EAST)
 - SITE FRONTAGE: 751.25 FT.
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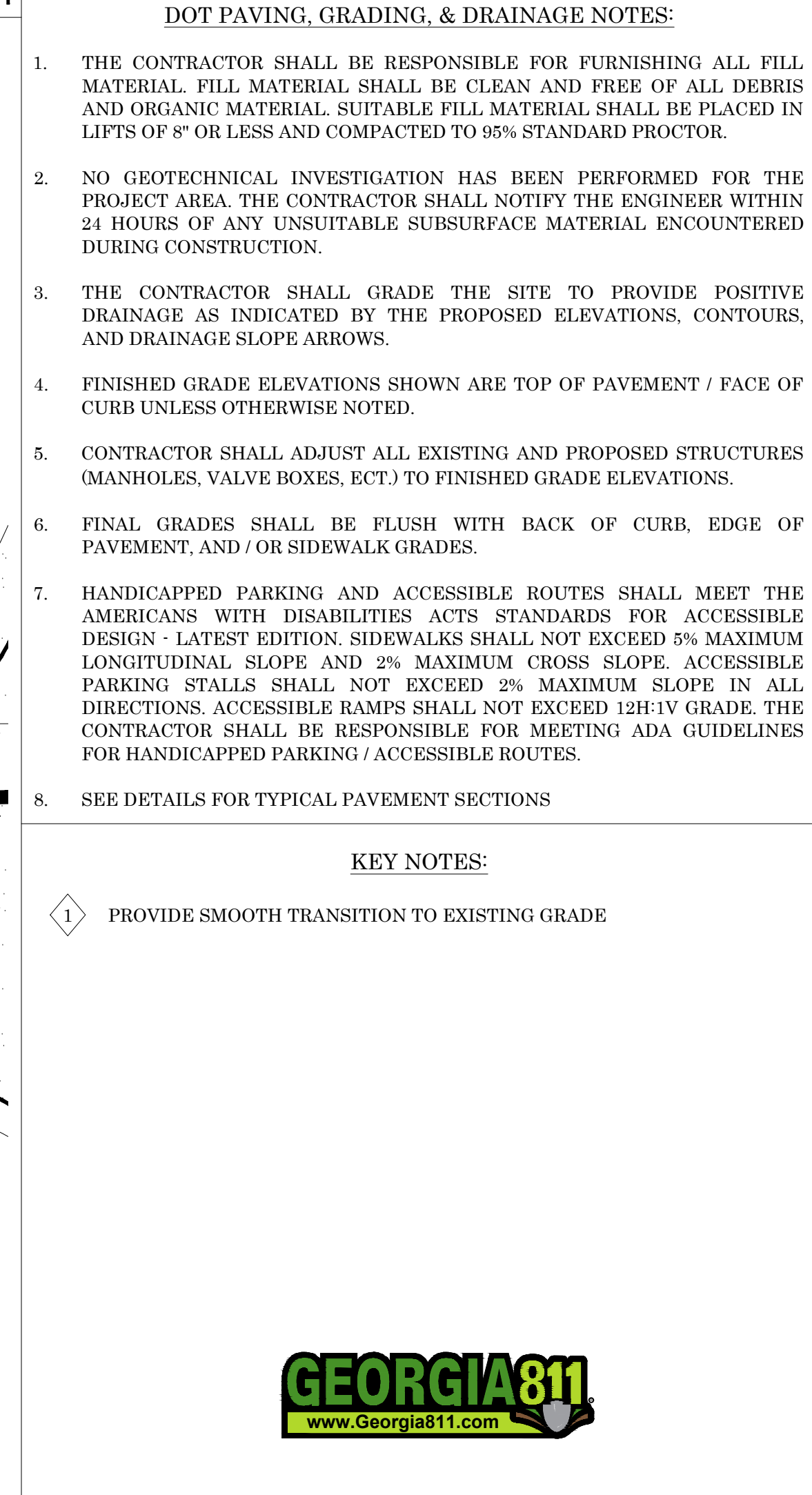
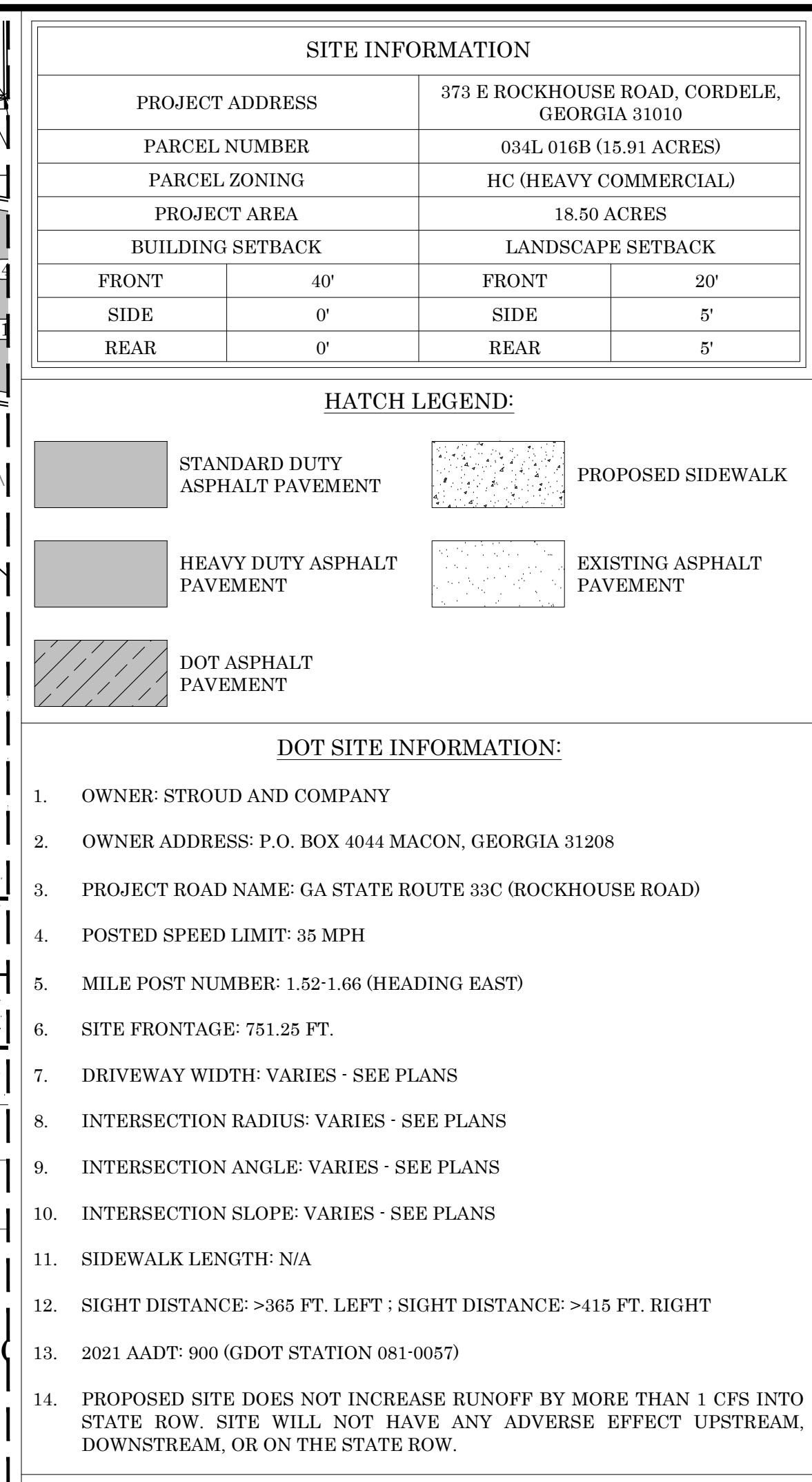
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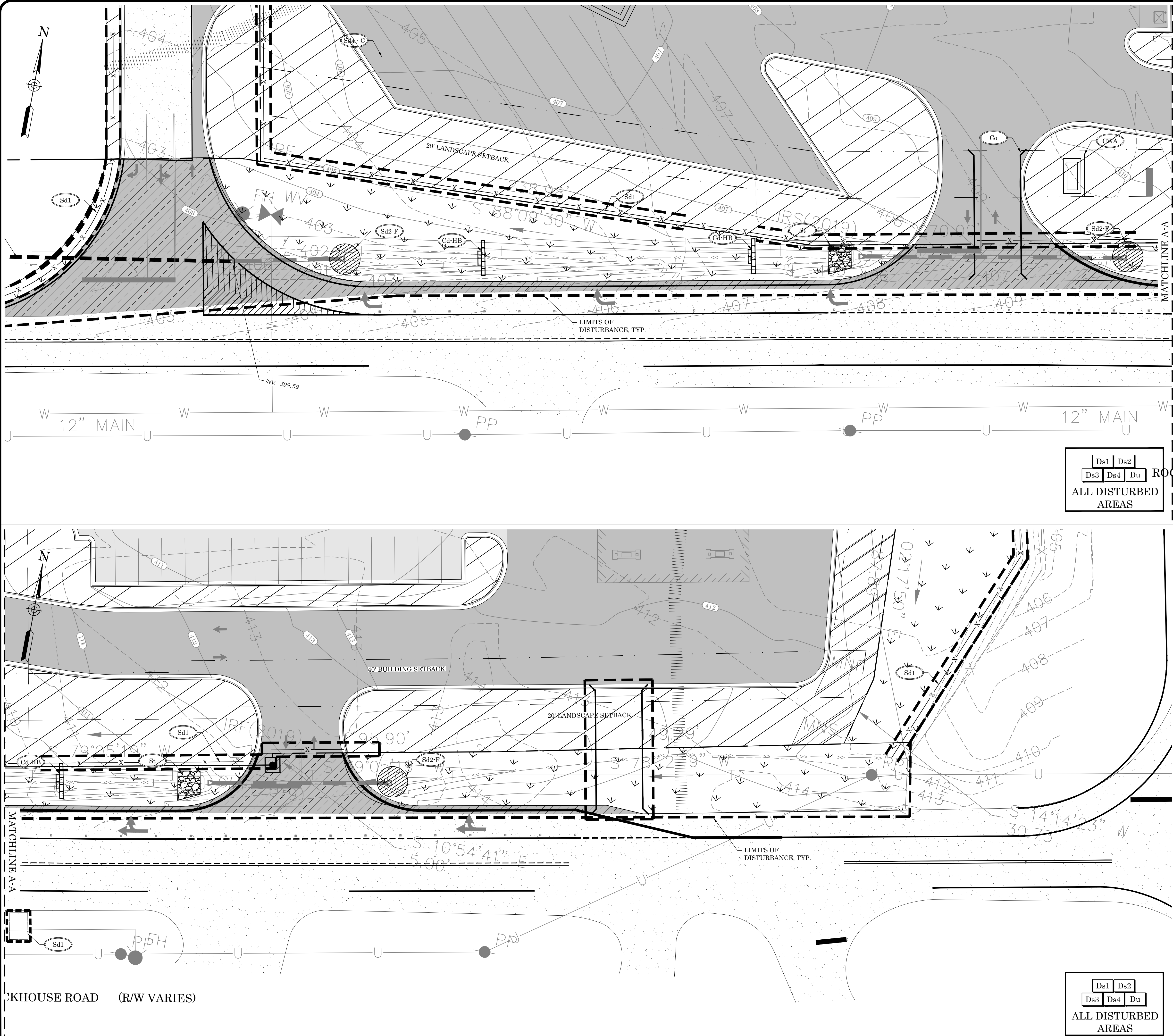
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CORDELE TRAVEL CENTER
STROUD AND COMPANY
DOT STRIPING & SIGNAGE PLAN -
EXPANSION OVERLAY



 Advanced Engineering Services, LLC ALBANY VALDOSTA 1741 PHILEMA RD 4560 E VALNORTH DR. WARNER ROBINS 110A TOWERS STALANUSSE RD (800) 416-8136		
 EXP. 06/30/2026		
 01/15/2025		
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10	-	-
CORDELE TRAVEL CENTER STROUD AND COMPANY DOT GRADING & DRAINAGE PLAN		
CRISP COUNTY, GEORGIA		
 GRAPHIC SCALE 1" = 20'		
SHEET		
C10.2 OF 29		

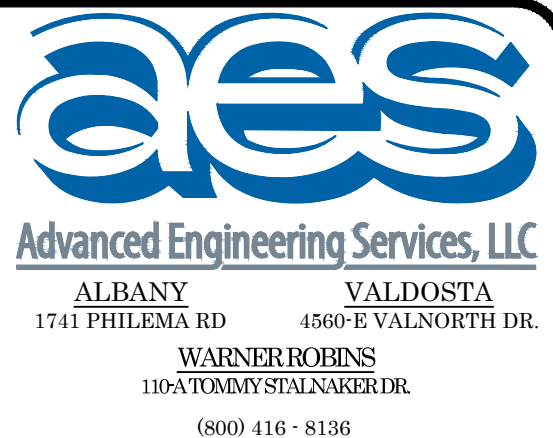


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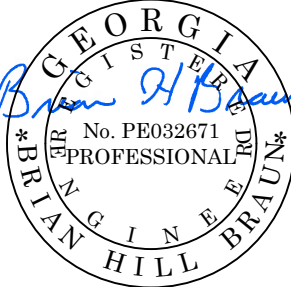
- EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES:
- THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WITHIN 7 DAYS AFTER INSTALLATION.
 - NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
 - AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
 - WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
 - THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
 - EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 - ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

STRUCTURAL PRACTICES				
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Co	CONSTRUCTION EXIT			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Cd	CHECKDAM			A small temporary barrier or dam constructed across a swale, drainage ditch or area of concentrated flow.
CWA	CONCRETE WASHOUT AREA			A washdown area for tools, concrete mixer chutes, hoppers and rear of vehicles.
Sd1	SEDIMENT BARRIER			A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Sd2	INLET SEDIMENT TRAP			A temporary protective device formed at or around an inlet to a storm drain to trap sediment.
Sk	FLOATING SURFACE SKIMMER			A buoyant device that releases/drains water from the surface of sediment ponds, traps, or basins at a controlled rate of flow.
St	STORMDRAIN OUTLET PROTECTION			A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.

VEGETATIVE PRACTICES				
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ds1	DISTURBED AREA STABILIZATION (WITH MULCH/SEEDING)			Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING)			Establishing a temporary vegetative cover with fast growing seedlings on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERM. SEEDING)			Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.
Ds4	DISTURBED AREA STABILIZATION (SEEDING)			A permanent vegetative cover using sods on highly erodible or critically eroded lands.
Du	DUST CONTROL ON DISTURBED AREAS			Controlling surface and air movement of dust on construction site, roadways and similar sites.



EXP. 06/30/2026



01/15/2025



Brian H. Braun
Level II Certified Design Professional

Certification Number: 0000007595
Issued: 02/26/2023 Expires: 02/26/2026

AES PROJECT NUMBER
60161

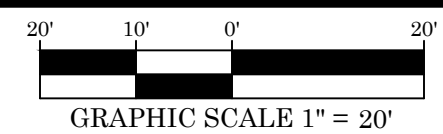
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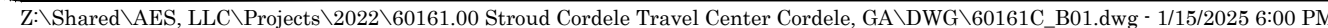
CORDELE TRAVEL CENTER
STROUD AND COMPANY
DOT EROSION & SEDIMENTATION
CONTROL PLAN

CRISP COUNTY, GEORGIA



SHEET

C10.3 OF 29

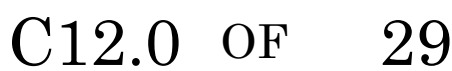


C11.0 OF 29



<u>CHECKDAM CALCULATIONS:</u>			
DITCH #	Q (CFS)	ABOVE 2 CFS?	OTHER BMPS
1	3.88	YES	SD1, SD2, ST
2	0.32	NO	N/A

NAME	Q (CFS)	V (FPS)	T.W.	W1 (FT)	La (FT)	W2 (FT.)	AVG. STONE DIA. (FT.)	STONE DEPTH (FT.)
St-1	2.13	2.77	<0.5Do	4.5	10	11.5	0.40	0.90
St-2	0.60	1.51	<0.5Do	4.5	10	11.5	0.40	0.90
St-3	4.30	6.83	<0.5Do	4.5	10	11.5	0.40	0.90
St-4	3.35	6.20	<0.5Do	4.5	10	11.5	0.40	0.90
St-5	49.79	8.71	<0.5Do	9.0	20	23.0	1.00	2.25
St-6	3.34	8.64	<0.5Do	6.0	18	20.0	0.75	1.69





EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES:

1. THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WITHIN 7 DAYS AFTER INSTALLATION.
2. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
3. AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
4. WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
5. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
6. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
7. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

FINAL EROSION & SEDIMENTATION CONTROL NOTES:

1. THE CONTRACTOR SHALL INSTALL PERMANENT VEGETATIVE SEEDING / SODDING ON ALL DISTURBED AREAS. COORDINATE WITH LANDSCAPE PLAN FOR FINAL GROUND COVER.
2. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY BMPs ONCE FINAL STABILIZATION HAS BEEN MET.
3. THE CONTRACTOR SHALL PERFORM DAILY INSPECTIONS / MAINTENANCE OF ALL EROSION CONTROL BMPs. SEDIMENT LADEN RUNOFF SHALL BE CONTAINED AND TREATED ON SITE.
4. THE DISTURBED AREA FOR THE FINAL PHASE IS 0.0 ACRES.

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
St	STORMDRAIN OUTLET PROTECTION			A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.

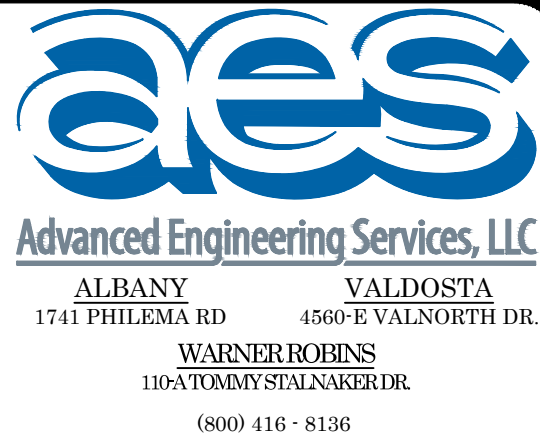
VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)		Ds3	Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.
Ds4	DISTURBED AREA STABILIZATION (SODDING)		Ds4	A permanent vegetative cover using sods on highly erodible or critically eroded lands.
Du	DUST CONTROL ON DISTURBED AREAS		Du	Controlling surface and air movement of dust on construction site, roadways and similar sites.

HATCH LEGEND:

SEE LANDSCAPE PLAN FOR FINAL EXACT GROUND COVER

	SODDED AREA		SEEDDED AREA
--	-------------	--	--------------



Brian H. Braun
LEVEL II CERTIFIED DESIGN PROFESSIONAL

CERTIFICATION NUMBER: 0000007595
ISSUED: 02/26/2023 EXPIRES: 02/26/2026

AES PROJECT NUMBER
60161

DATE OF PLANS
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REVISIONS

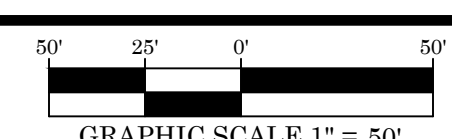
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CORDELE TRAVEL CENTER

STROUD AND COMPANY

FINAL EROSION & SEDIMENTATION
CONTROL PLAN

CRISP COUNTY, GEORGIA



SHEET

C13.0 OF 29



GENERAL NPDES PERMIT NO. GAR100001

PERMITTEE REQUIREMENTS.

(1). EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT: (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

(2). MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE THAT HAVE NOT MET FINAL STABILIZATION ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY. THE DATA COLLECTED FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.

(3). CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST): (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE; (B) AREAS USED BY THE PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV.D.4.A.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

(4). CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION HAS BEEN SUBMITTED) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S).

(5). BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.

(6). A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IV.D.4.A.(5). OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION SITE THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS, THE INSPECTION REPORT SHALL CONTAIN A CERTIFICATION THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2. OF THIS PERMIT.

5. MAINTENANCE. THE PLAN SHALL INCLUDE A DESCRIPTION OF PROCEDURES TO ENSURE THE TIMELY MAINTENANCE OF VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THE SITE PLAN.

6. SAMPLING REQUIREMENTS. THIS PERMIT REQUIRES THE MONITORING OF NEPHELOMETRIC TURBIDITY IN RECEIVING WATER(S) OR OUTFALLS IN ACCORDANCE WITH THIS PERMIT. THIS PARAGRAPH SHALL NOT APPLY TO ANY LAND DISTURBANCE ASSOCIATED WITH THE CONSTRUCTION OF SINGLE-FAMILY HOMES WHICH ARE NOT PART OF A SUBDIVISION OR PLANNED COMMON DEVELOPMENT UNLESS FIVE (5) ACRES OR MORE WILL BE DISTURBED. THE FOLLOWING PROCEDURES CONSTITUTE EPD'S GUIDELINES FOR SAMPLING TURBIDITY.

a. SAMPLING REQUIREMENTS SHALL INCLUDE THE FOLLOWING:

(1). A USGS TOPOGRAPHIC MAP, A TOPOGRAPHIC MAP OR A DRAWING (REFERRED TO AS A TOPOGRAPHIC MAP) THAT IS A SCALE EQUAL TO OR MORE DETAILED THAN A 1:24000 MAP SHOWING THE LOCATION OF THE SITE OR THE STAND ALONE CONSTRUCTION; (A) THE LOCATION OF ALL

PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES AS SHOWN ON A USGS TOPOGRAPHIC MAP, AND ALL OTHER PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES LOCATED DURING MANDATORY FIELD VERIFICATION, INTO WHICH THE STORMWATER IS DISCHARGED AND (B) THE RECEIVING WATER AND/OR OUTFALL SAMPLING LOCATIONS, WHEN THE PERMITTEE HAS CHOSEN TO USE A USGS TOPOGRAPHIC MAP AND THE RECEIVING WATER(S) IS NOT SHOWN ON THE USGS TOPOGRAPHIC MAP, THE LOCATION OF THERECEIVING WATER(S) MUST BE HAND-DRAWN ON THE USGS TOPOGRAPHIC MAP FROM WHERE THE STORMWATER(S) ENTERS THE RECEIVING WATER(S) TO THE POINT WHERE THE RECEIVING WATER(S) COMBINES WITH THE FIRST BLUE LINE STREAM SHOWN ON THE USGSTOPOGRAPHIC MAP;

(2). A WRITTEN NARRATIVE OF SITE SPECIFIC ANALYTICAL METHODS USED TO COLLECT, HANDLE AND ANALYZE THE SAMPLES INCLUDING QUALITY CONTROL/QUALITY ASSURANCE PROCEDURES. THIS NARRATIVE MUST INCLUDE PRECISE SAMPLING METHODOLOGY FOR EACH SAMPLING LOCATION;

(3). WHEN THE PERMITTEE HAS DETERMINED THAT SOME OR ALL OUTFALLS WILL BE SAMPLED, A RATIONALE MUST BE INCLUDED ON THE PLAN FOR THE NTU LIMIT(S) SELECTED FROM APPENDIX B. THIS RATIONALE MUST INCLUDE THE SIZE OF THE CONSTRUCTION SITE, THE CALCULATION OF THE SIZE OF THE SURFACE WATER DRAINAGE AREA, AND THE TYPE OF RECEIVING WATER(S) (I.E., TROUT STREAM OR SUPPORTING WARM WATER FISHERIES); AND

(4). ANY ADDITIONAL INFORMATION EPD DETERMINES NECESSARY TO BE PART OF THE PLAN. EPD WILL PROVIDE WRITTEN NOTICE TO THE PERMITTEE OF THE INFORMATION NECESSARY AND THE TIME LINE FOR SUBMITTAL.

b. SAMPLE TYPE. ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED); THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT,EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

(1). SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.

(2). SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.

(3). LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.

(4). MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.

(5). SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART IV.E.

c. SAMPLING POINTS.

(1). FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE MUST SAMPLE ALL RECEIVING WATER(S), OR ALL OUTFALL(S), OR A COMBINATION OF RECEIVING WATER(S) AND OUTFALL(S). SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORMWATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES:

(A). THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORMWATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST UPSTREAM AT THE SITE) BUT DOWNSTREAM OF ANY OTHER STORMWATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM TURBIDITY

(B). THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORMWATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST DOWNSTREAM AT THE SITE) BUT UPSTREAM OF ANY OTHER STORMWATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE.

(C). IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORMWATER OUTFALL CHANNEL(S).

(D). CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM

SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORMWATER CHANNEL.

(E). THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.

(F). THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS.

(G). PERMITTEES DO NOT HAVE TO SAMPLE SHEET FLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT. FOR PURPOSES OF THIS SECTION, STABILIZED SHALL MEAN, FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES AND AREAS LOCATED OUTSIDE THE WASTE DISPOSAL LIMITS OF A LANDFILL CELL THAT HAS BEEN CERTIFIED BY EPD FOR WASTE DISPOSAL, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR LANDSCAPED ACCORDING TO THE PLAN (UNIFORMLY COVERED WITH LANDSCAPING MATERIALS IN PLANNED LANDSCAPED AREAS), OR EQUIVALENT PERMANENT STABILIZATION MEASURES AS DEFINED IN THE MANUAL (EXCLUDING A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION).

(H). ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING GENERALLY ACCEPTED SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY) AS TO ACCURATELY REFLECT WHETHER STORMWATER RUNOFF FROM THE CONSTRUCTION SITE IS IN COMPLIANCE WITH THE STANDARD SET FORTH IN PARTS OR III.D.4., WHICHEVER IS APPLICABLE.

d. SAMPLING FREQUENCY.

(1). THE PRIMARY PERMITTEE MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORMWATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN IN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.

(2). HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORMWATER DISCHARGE.

(3). SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:

(A). FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORMWATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION;

(B). IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORMWATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST;

(C). AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMPs IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN TWO (2) BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS* UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPs ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED;

(D). WHERE SAMPLING PURSUANT TO (A), (B) OR (C) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.A.(6), MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED. PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (A), (B) OR (C) ABOVE; AND

(E). EXISTING CONSTRUCTION ACTIVITIES, I.E., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (A) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (B). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING REQUIRED BY (B) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN AS REQUIRED BY (C) ABOVE.

*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

7. NON-STORMWATER DISCHARGES. EXCEPT FOR FLOWS FROM FIRE FIGHTING

ACTIVITIES, SOURCES OF NON-STORMWATER LISTED IN PART III.A.2. OF THIS PERMIT THAT ARE COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE IDENTIFIED IN THE PLAN. THE PLAN SHALL IDENTIFY AND ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORMWATER COMPONENT(S) OF THE DISCHARGE.

E. REPORTING.

1. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART I.I.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORMWATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD USING THE ELECTRONIC SUBMITTAL SERVICE PROVIDED BY EPD. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:

- THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;
- THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;
- THE DATE(S) ANALYSES WERE PERFORMED;
- THE TIME(S) ANALYSES WERE INITIATED;
- THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES;
- REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;
- THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS;
- RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU;" AND
- CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.

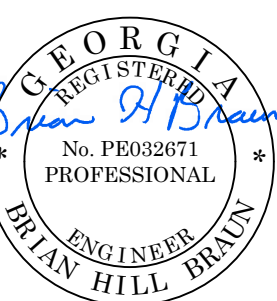
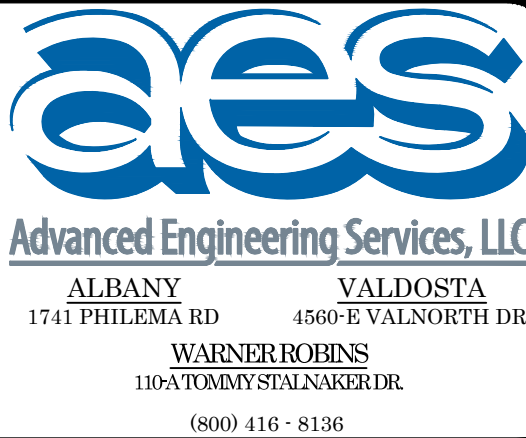
3. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE PERMITTEE SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

F. RETENTION OF RECORDS.

1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI:

- A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;
- A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
- THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF THIS PERMIT;
- A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
- A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT;
- A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT; AND
- DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2). OF THIS PERMIT.

2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.



AES PROJECT NUMBER

60161

DATE OF PLANS

06/16/2023

REVISIONS

NO.	DATE	DESCRIPTION
1	07/27/2023	REVISED PER DOT/ESPC COMMENTS
2	09/12/2023	ISSUED FOR CONSTRUCTION
3	08/12/2024	REVISED PER DPH COMMENTS
4	08/26/2024	ISSUED FOR CONSTRUCTION
5	10/02/2024	WATER LINE MODIFICATIONS
6	12/16/2024	ESPC MODIFICATIONS
7	01/15/2025	GRADING AND SITE PLAN REVISIONS
8	-	-
9	-	-
10	-	-

CORDELE TRAVEL CENTER

STROUD AND COMPANY

EROSION, SEDIMENTATION, & POLLUTION
CONTROL NOTES

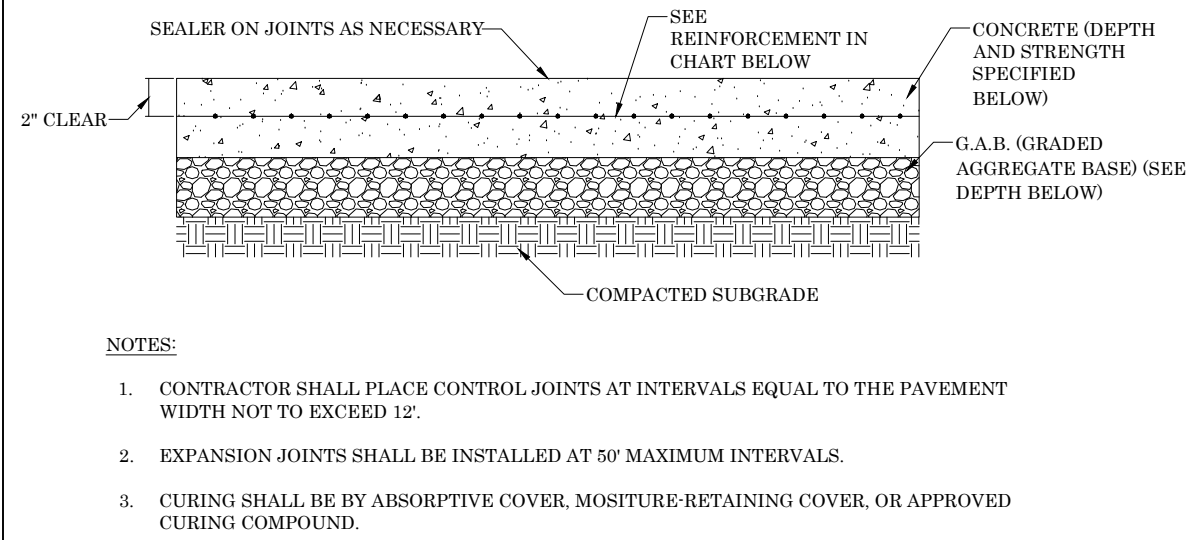
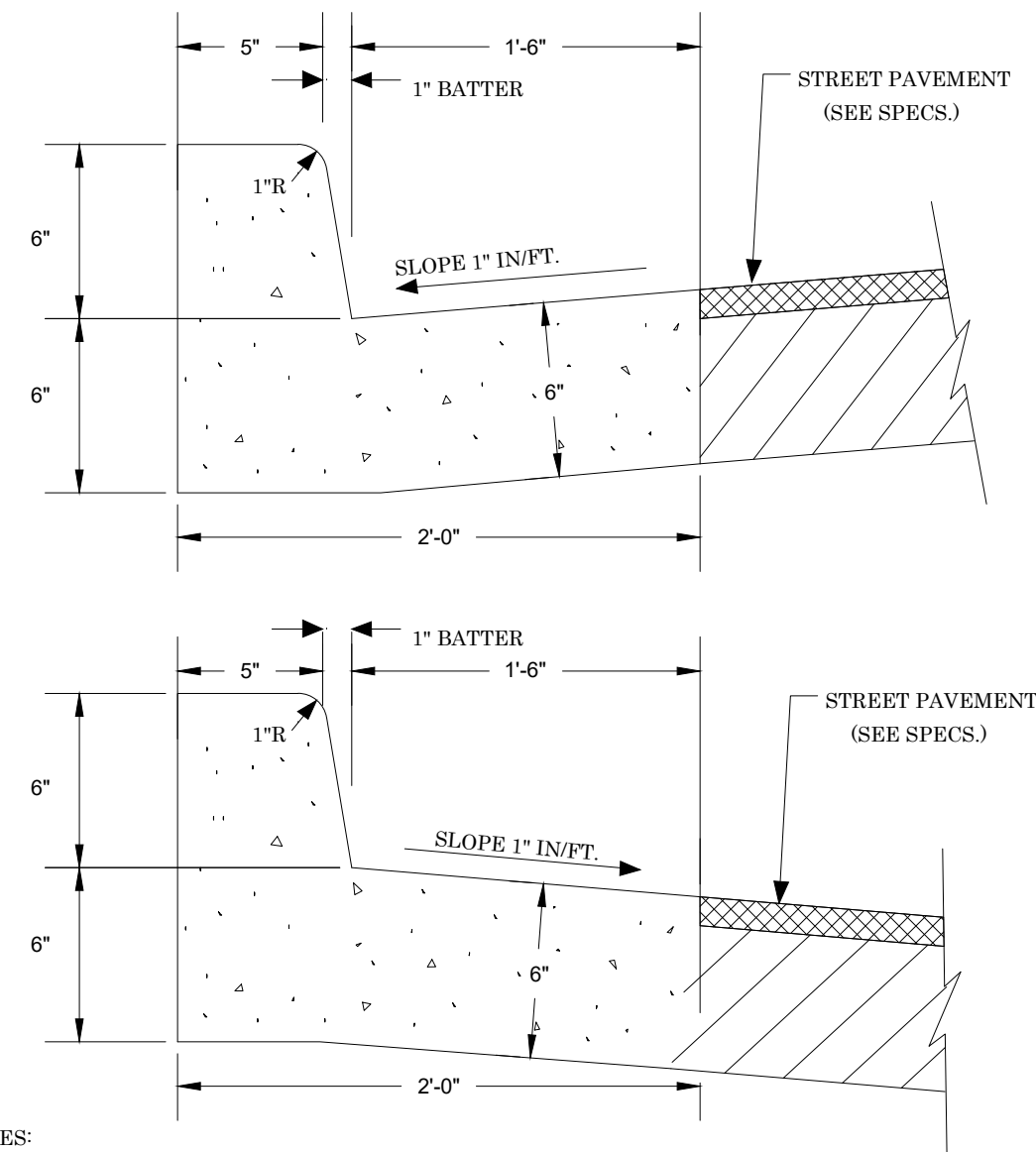
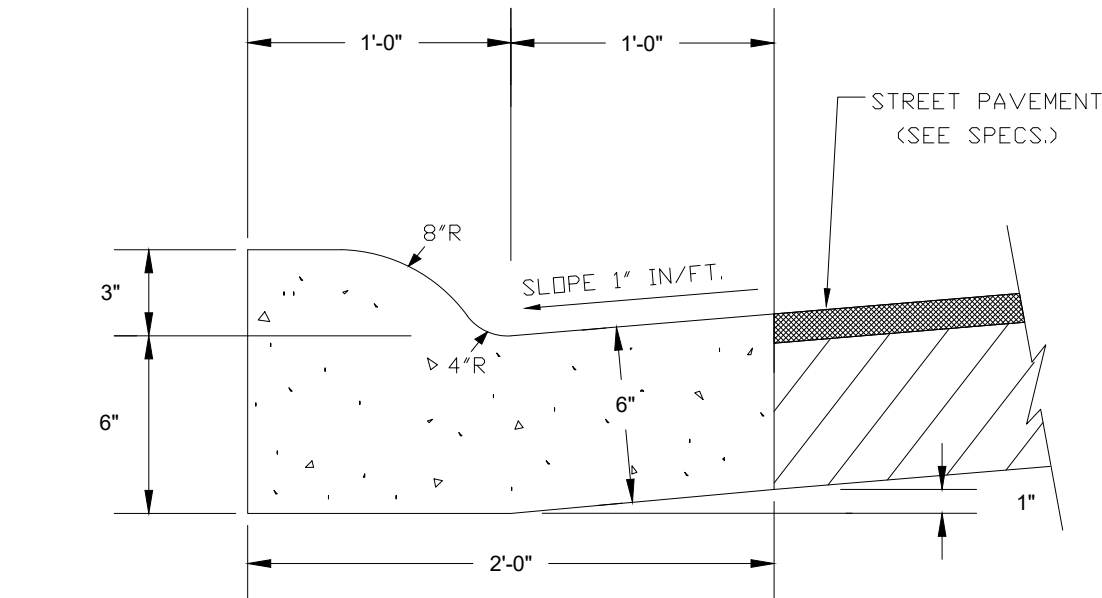
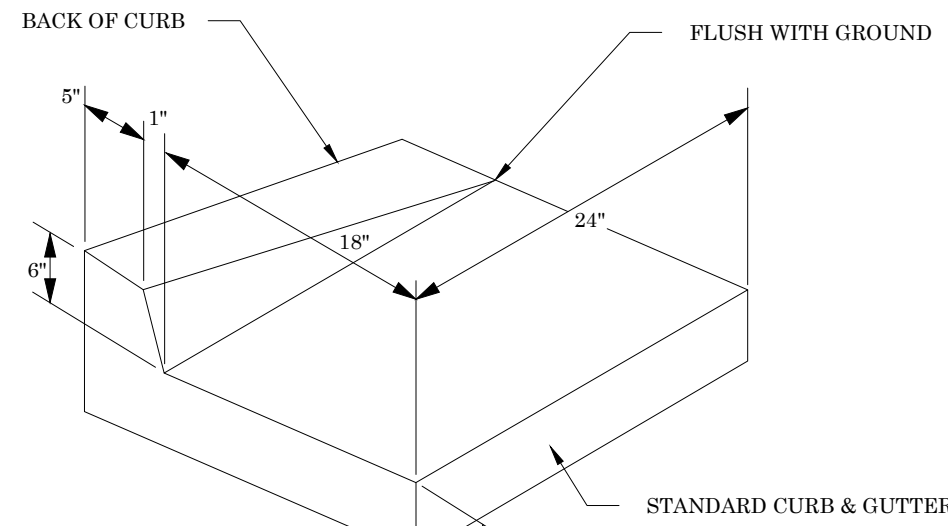
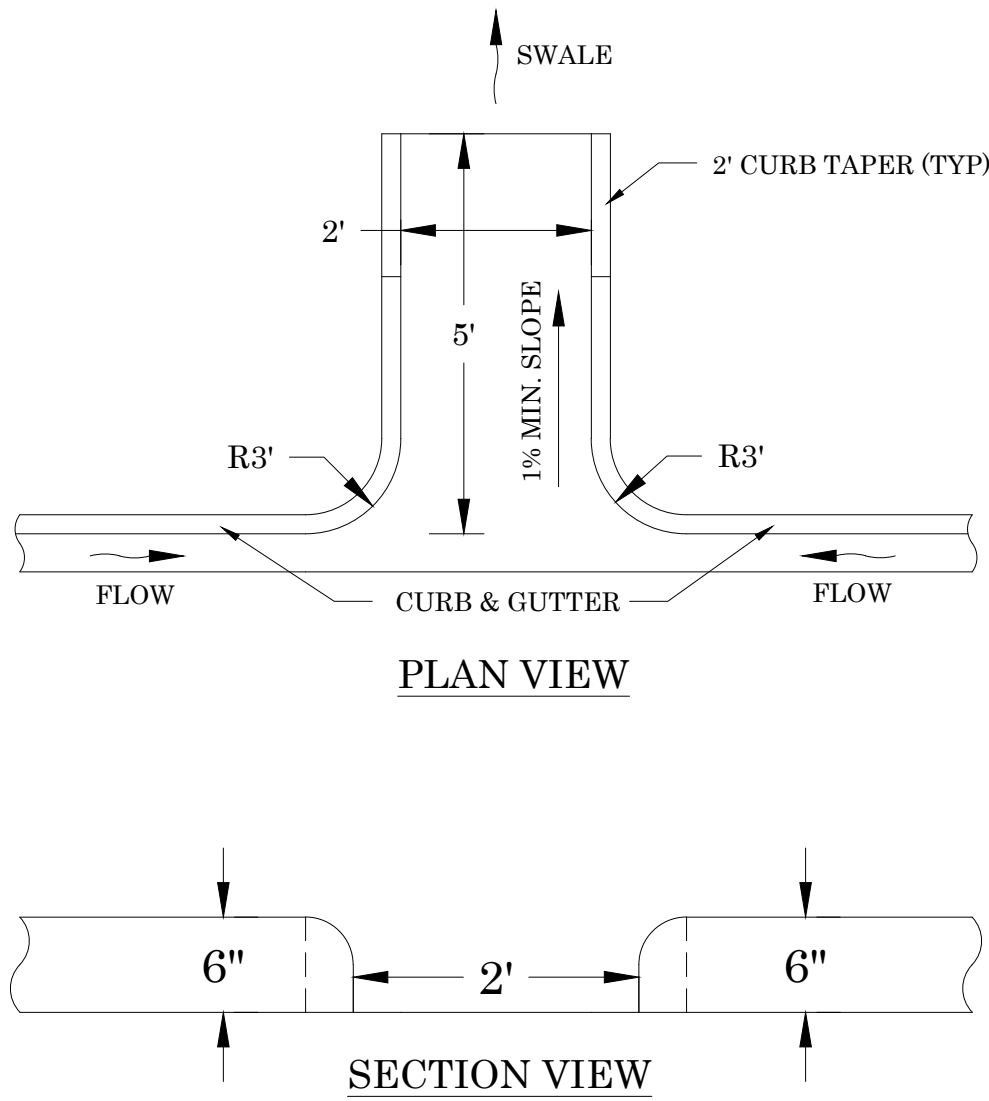
CRISP COUNTY, GEORGIA

NOT TO SCALE

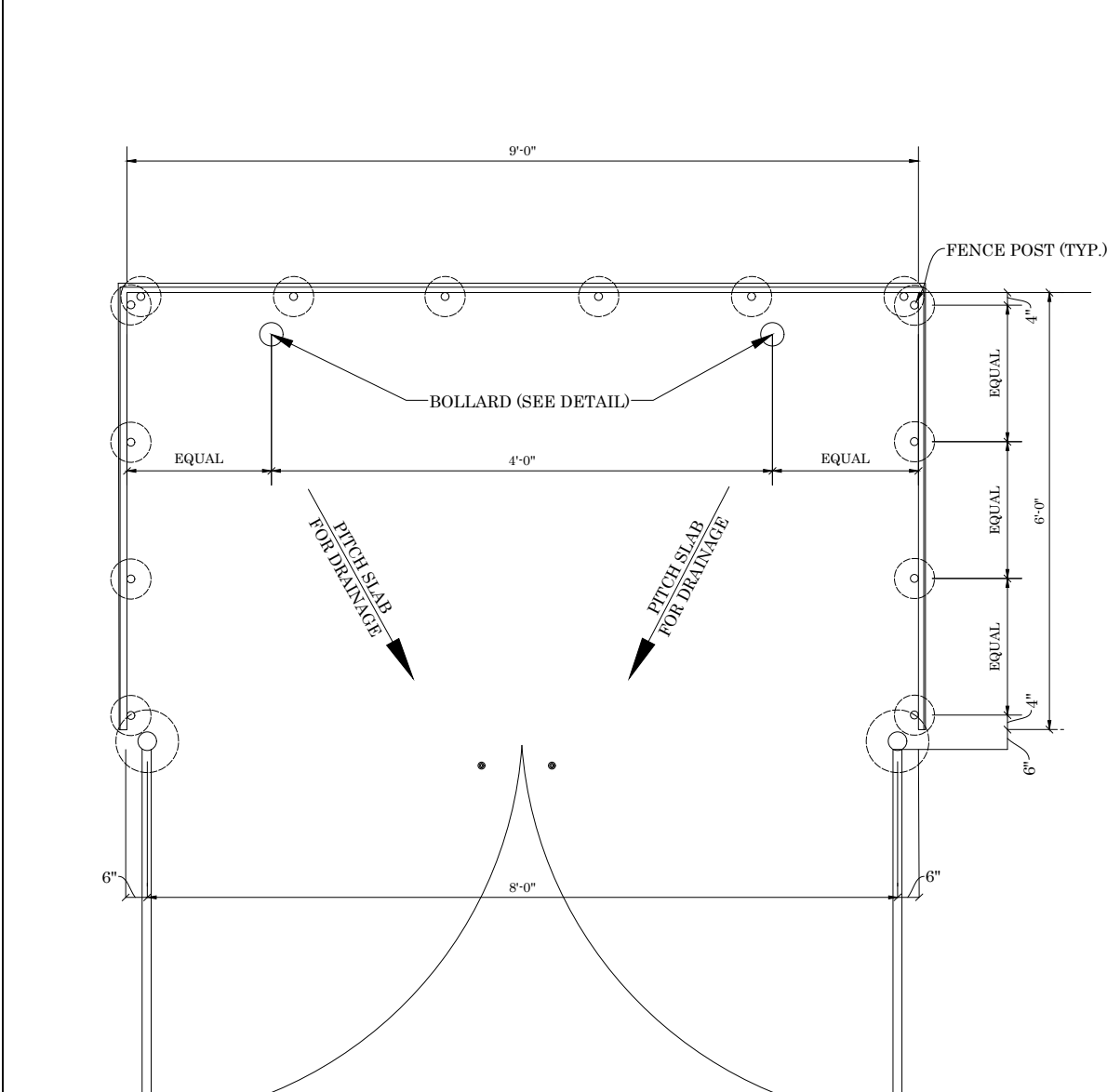
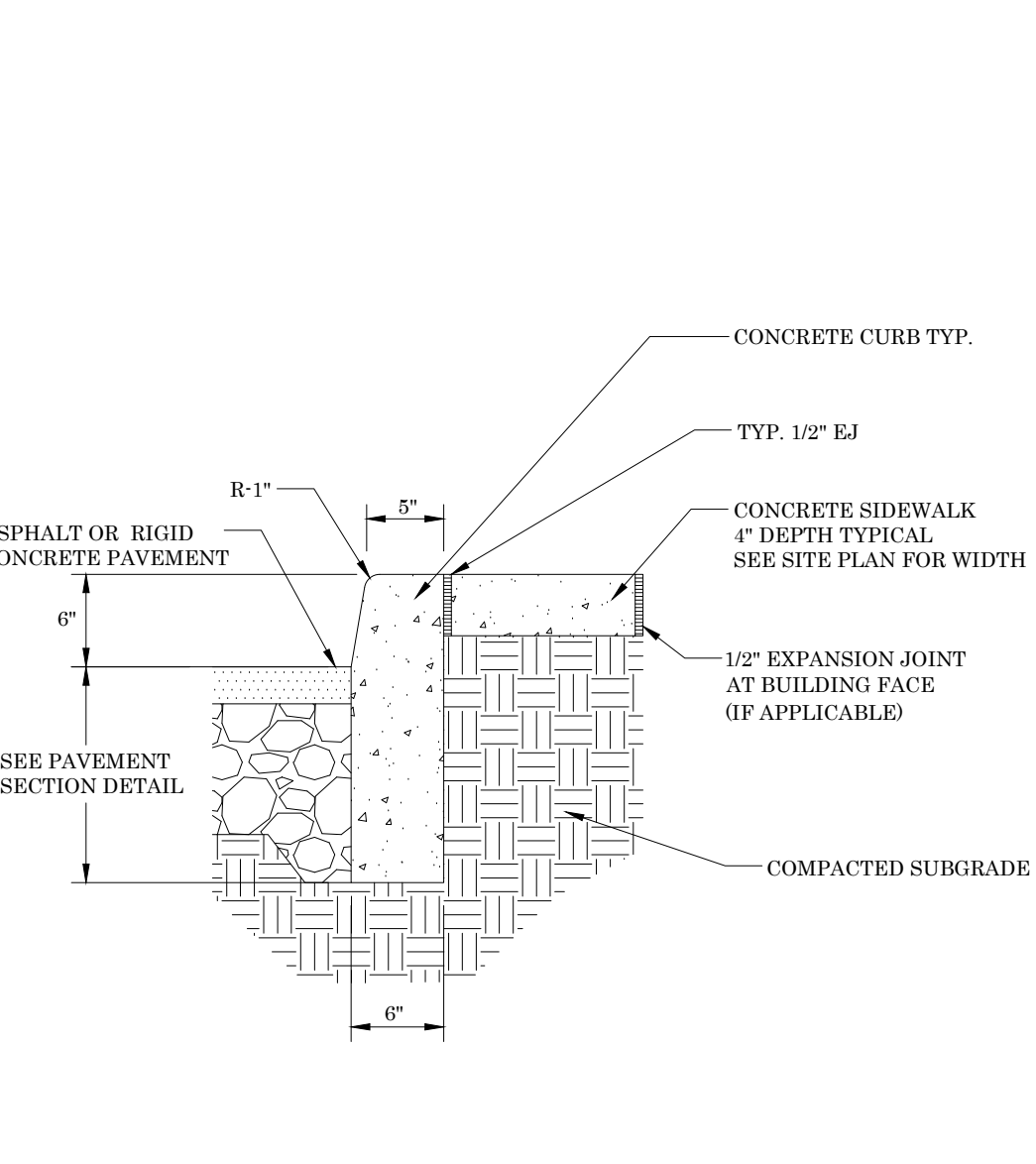
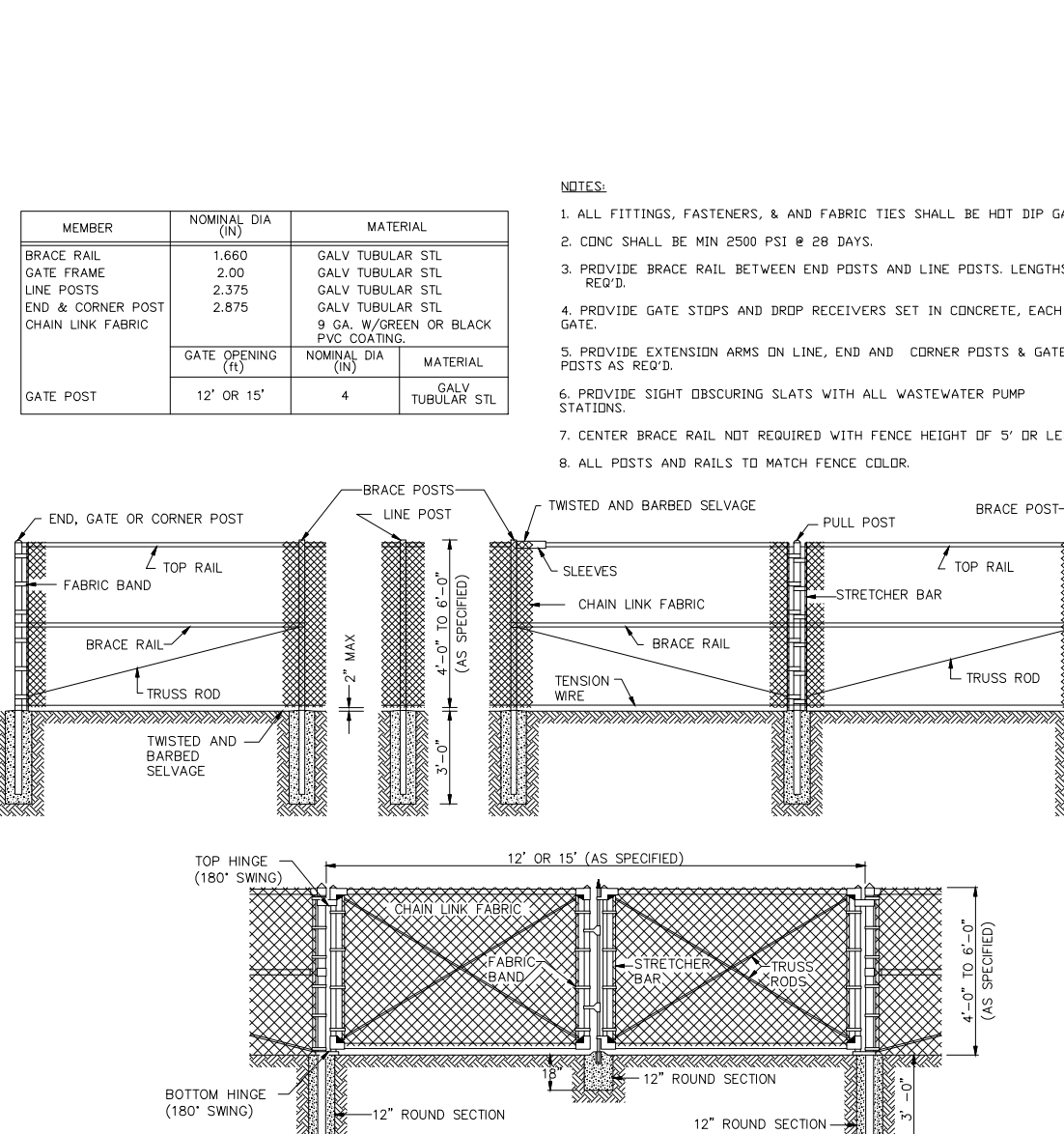
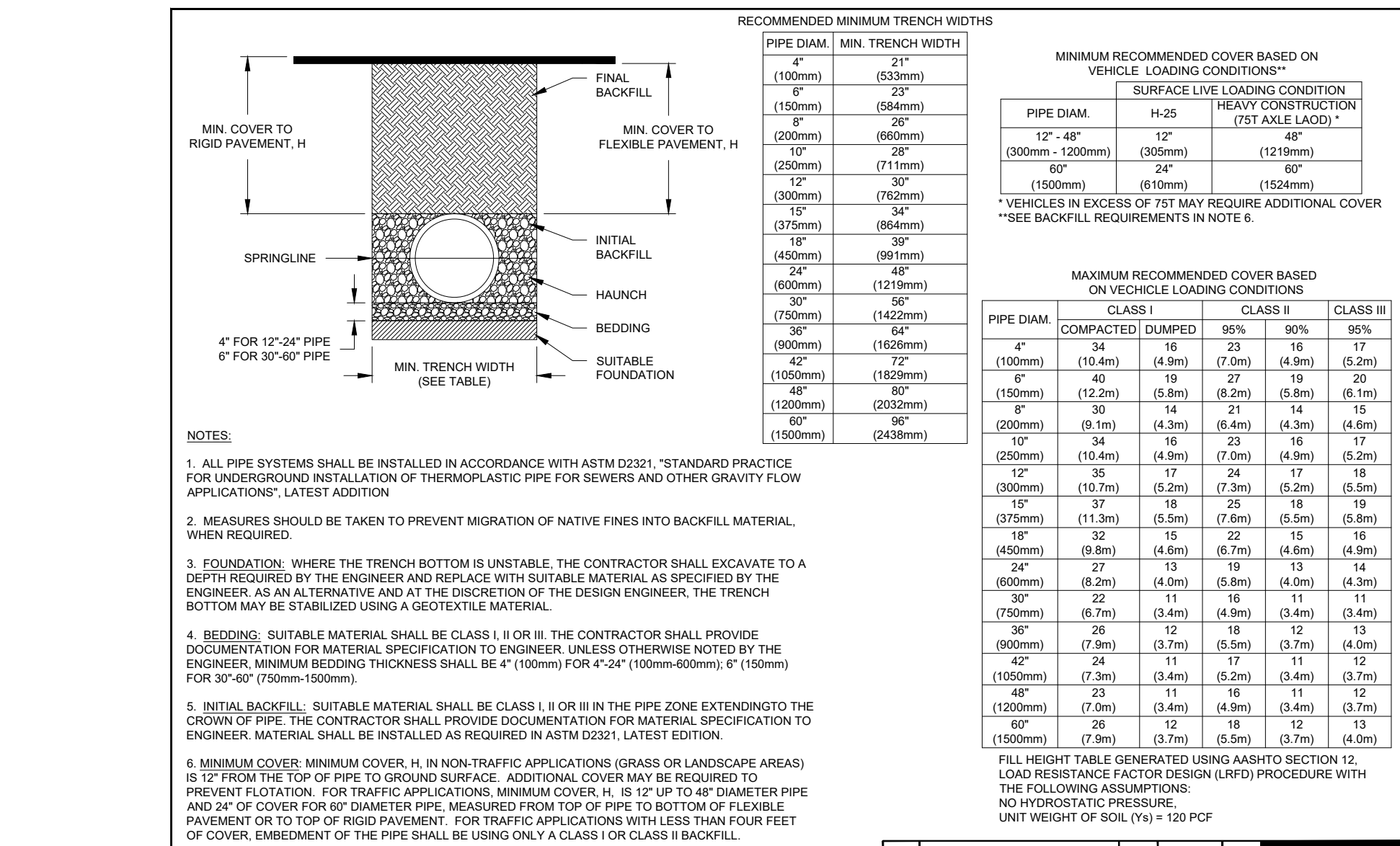
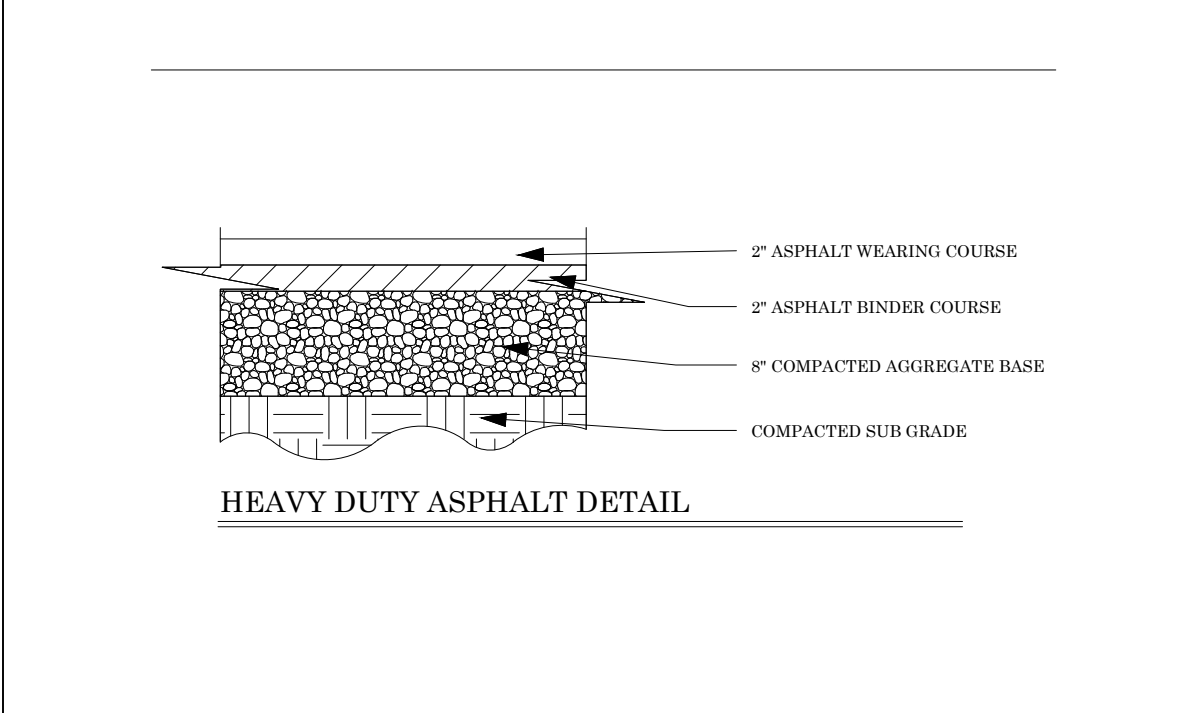
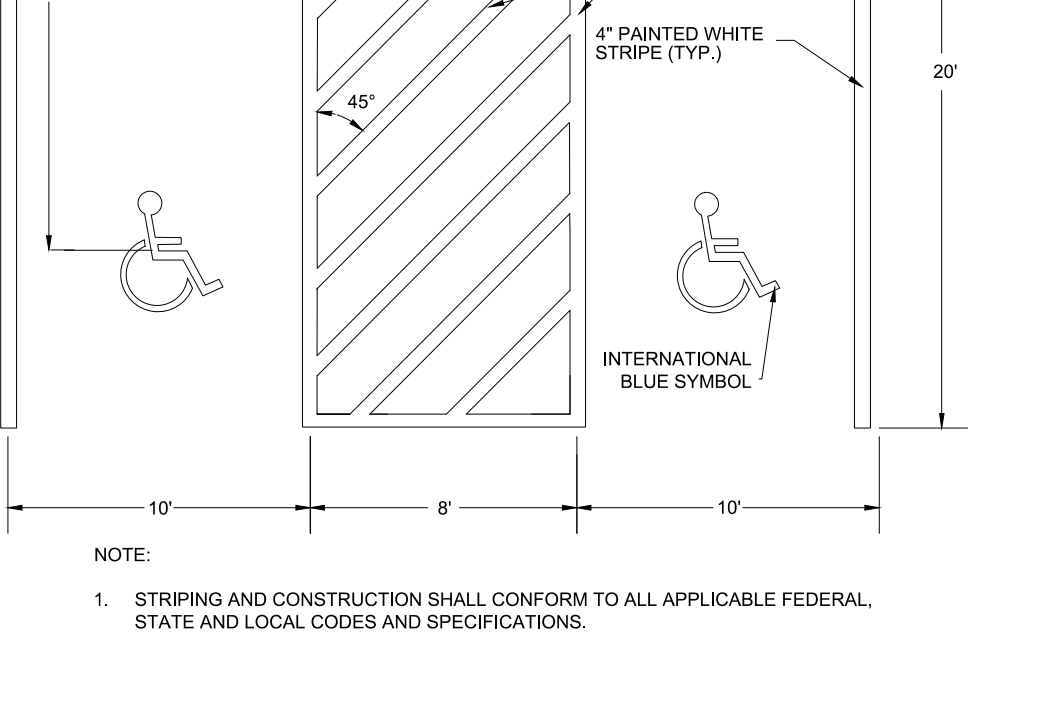
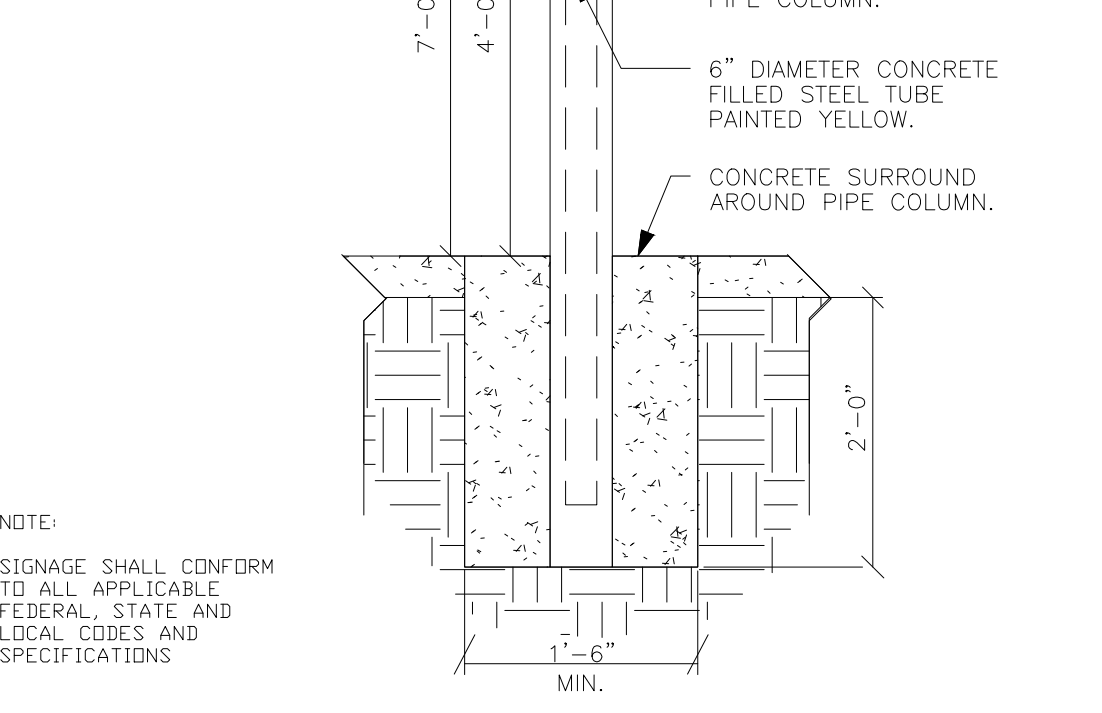
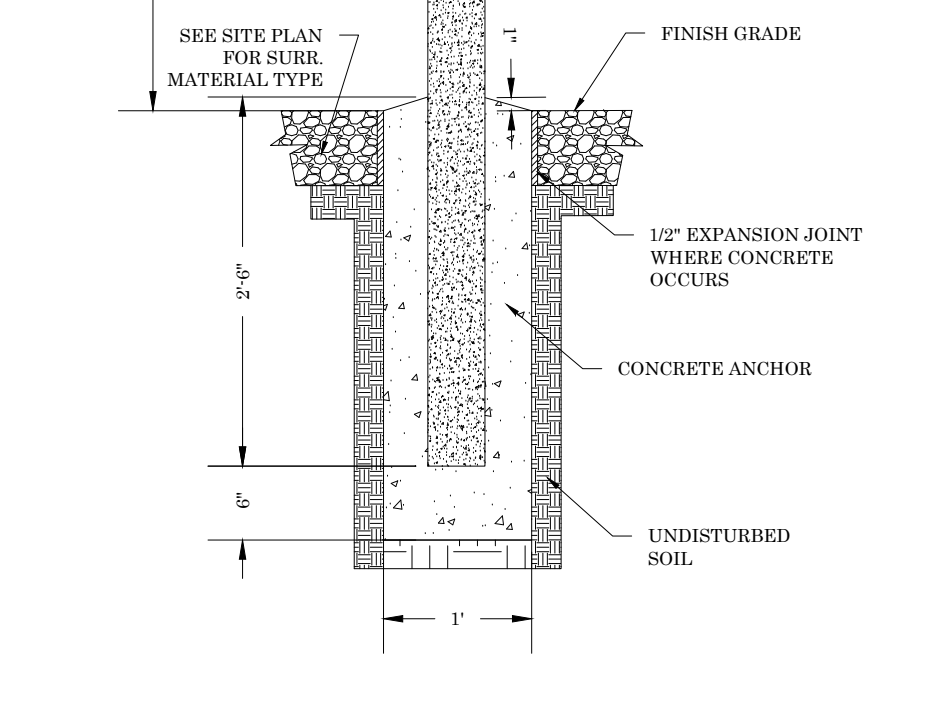
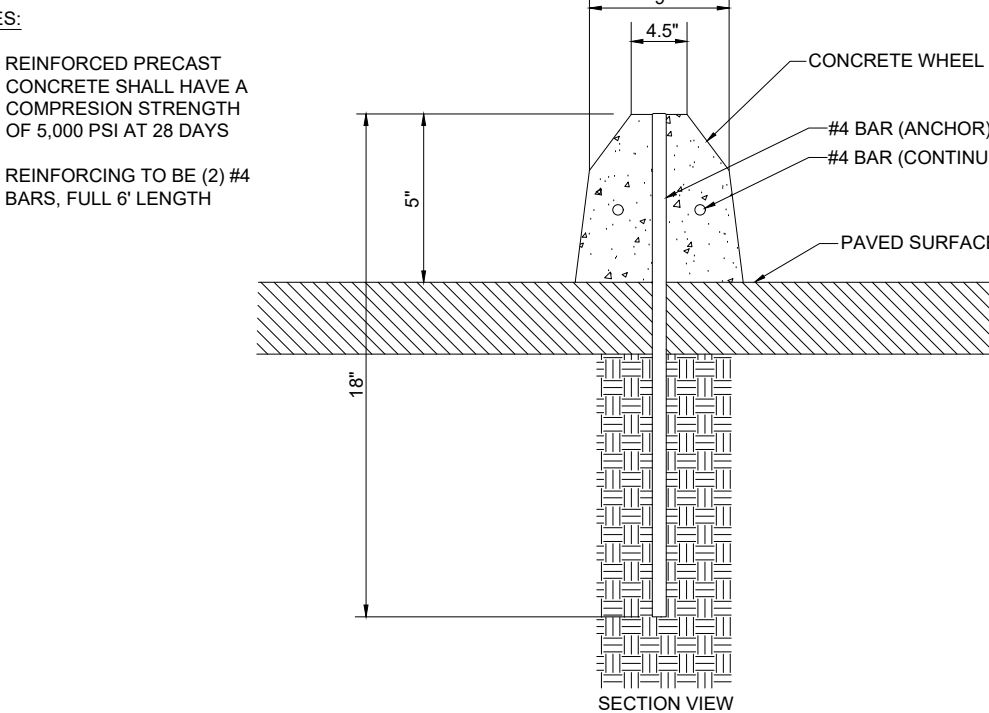
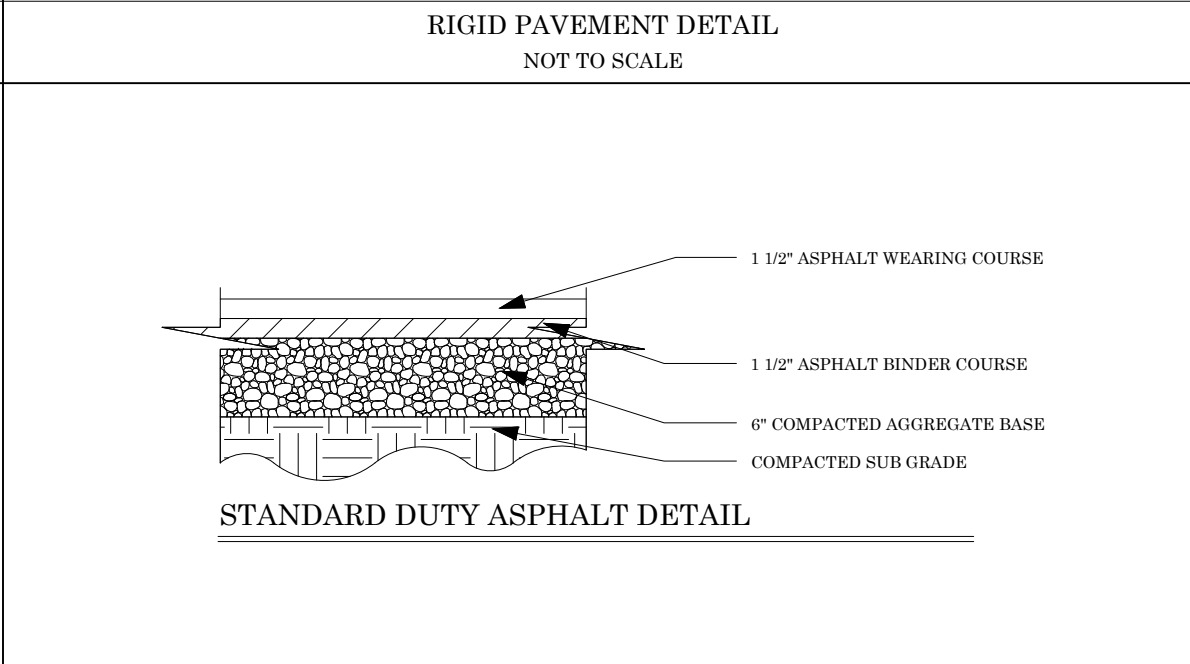
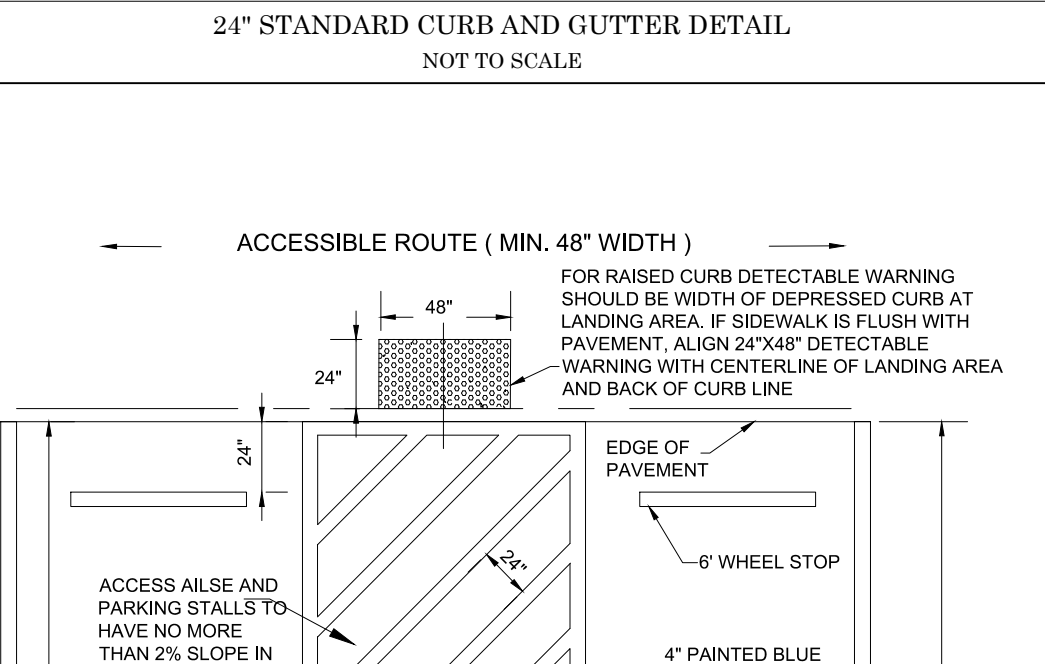
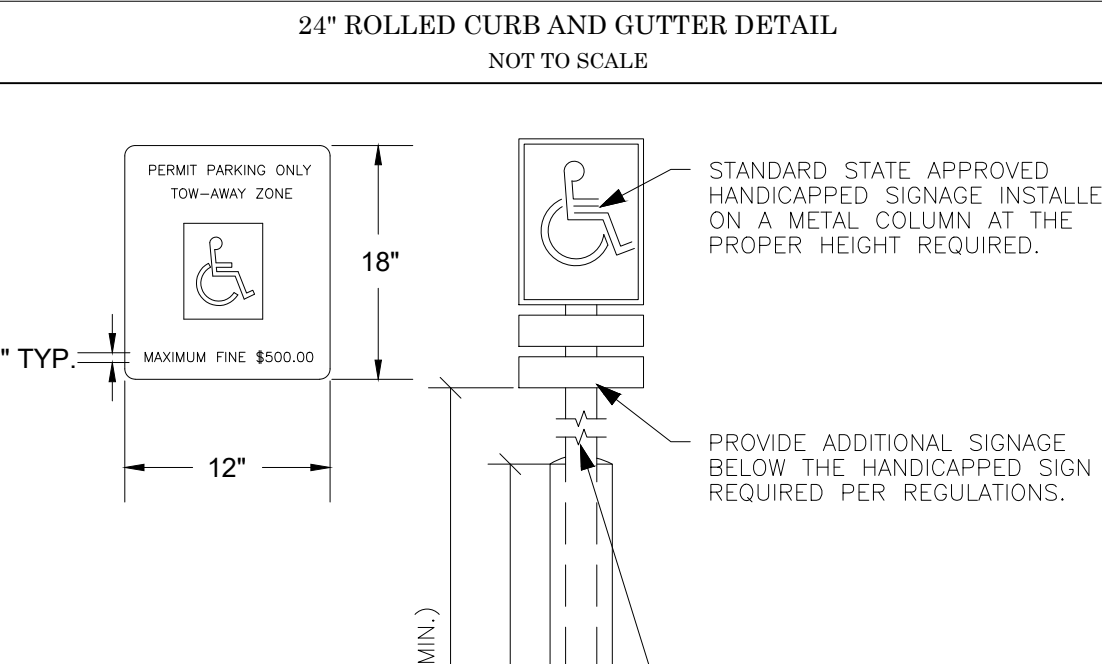
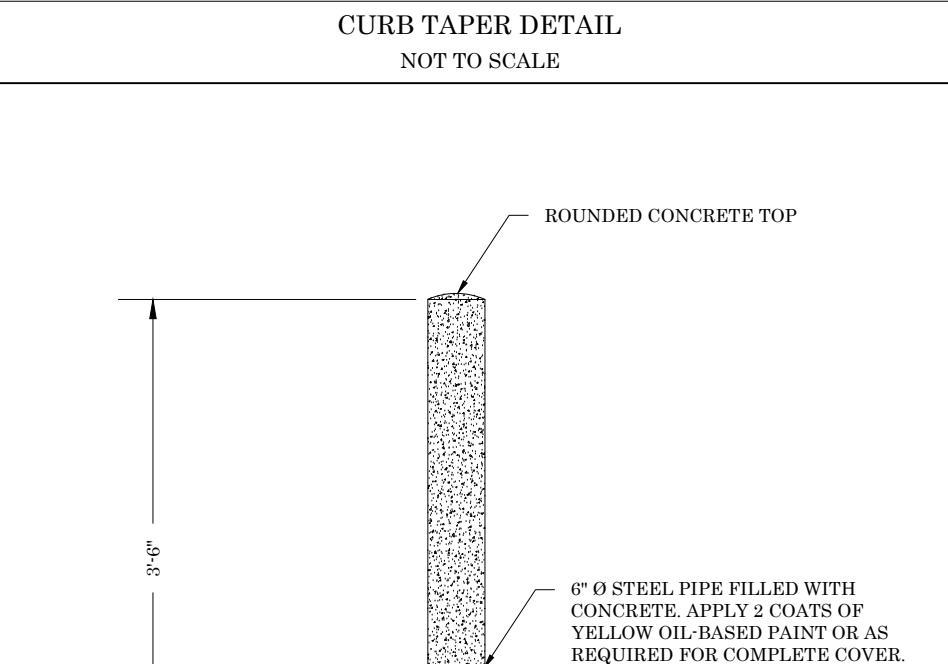
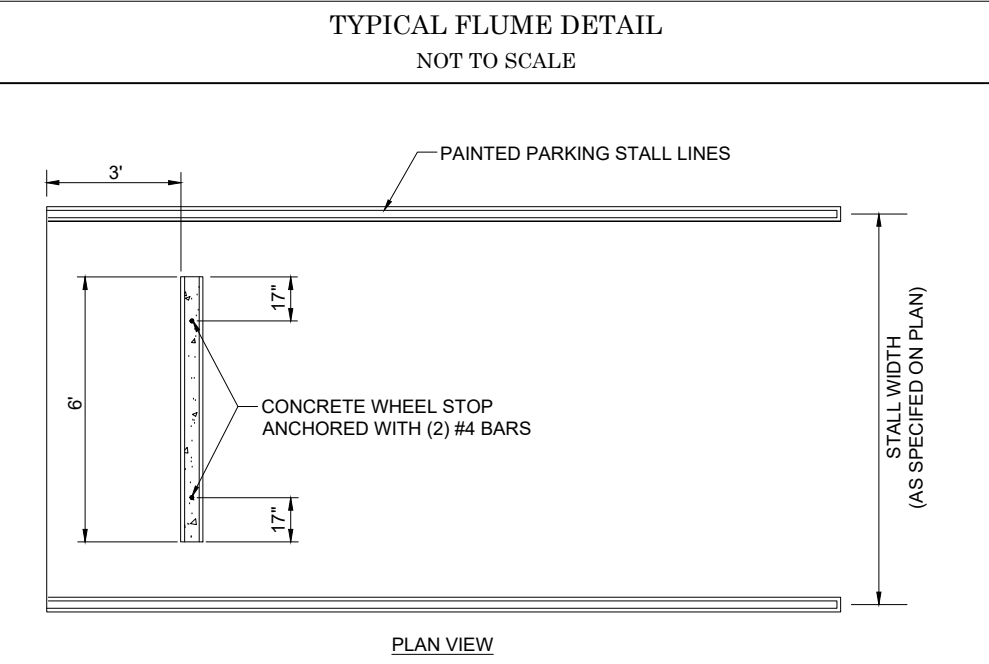
SHEET

C14.1 OF 29



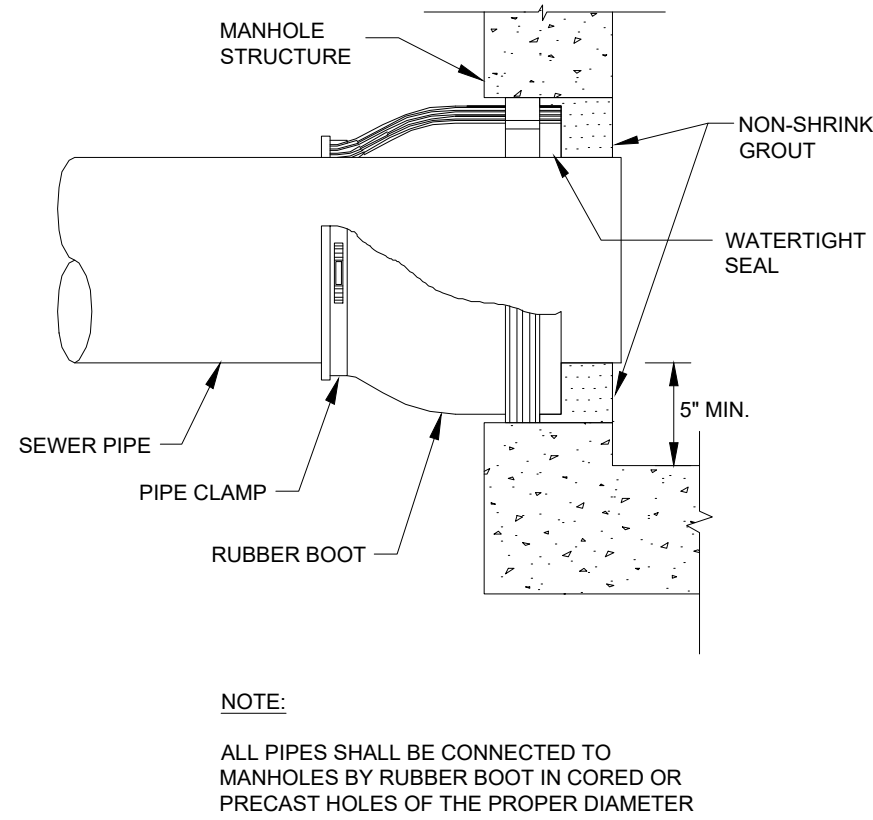


RIGID PAVEMENT SPECIFICATIONS				
PAVEMENT TYPE:	SUBGRADE COMPACTION:	AGGREGATE DEPTH:	REINFORCEMENT:	CONCRETE DEPTH / STRENGTH:
LIGHT DUTY	90% STANDARD PROCTOR	6 IN.	6X6 WIRE OR FIBER MESH	6 IN. @ 4,000 PSI
STANDARD DUTY	95% STANDARD PROCTOR	6 IN.	6X6 WIRE OR FIBER MESH	5 IN. @ 4,000 PSI
HEAVY DUTY	95% STANDARD PROCTOR	8 IN.	6X6 WIRE OR FIBER MESH	6 IN. @ 4,000 PSI

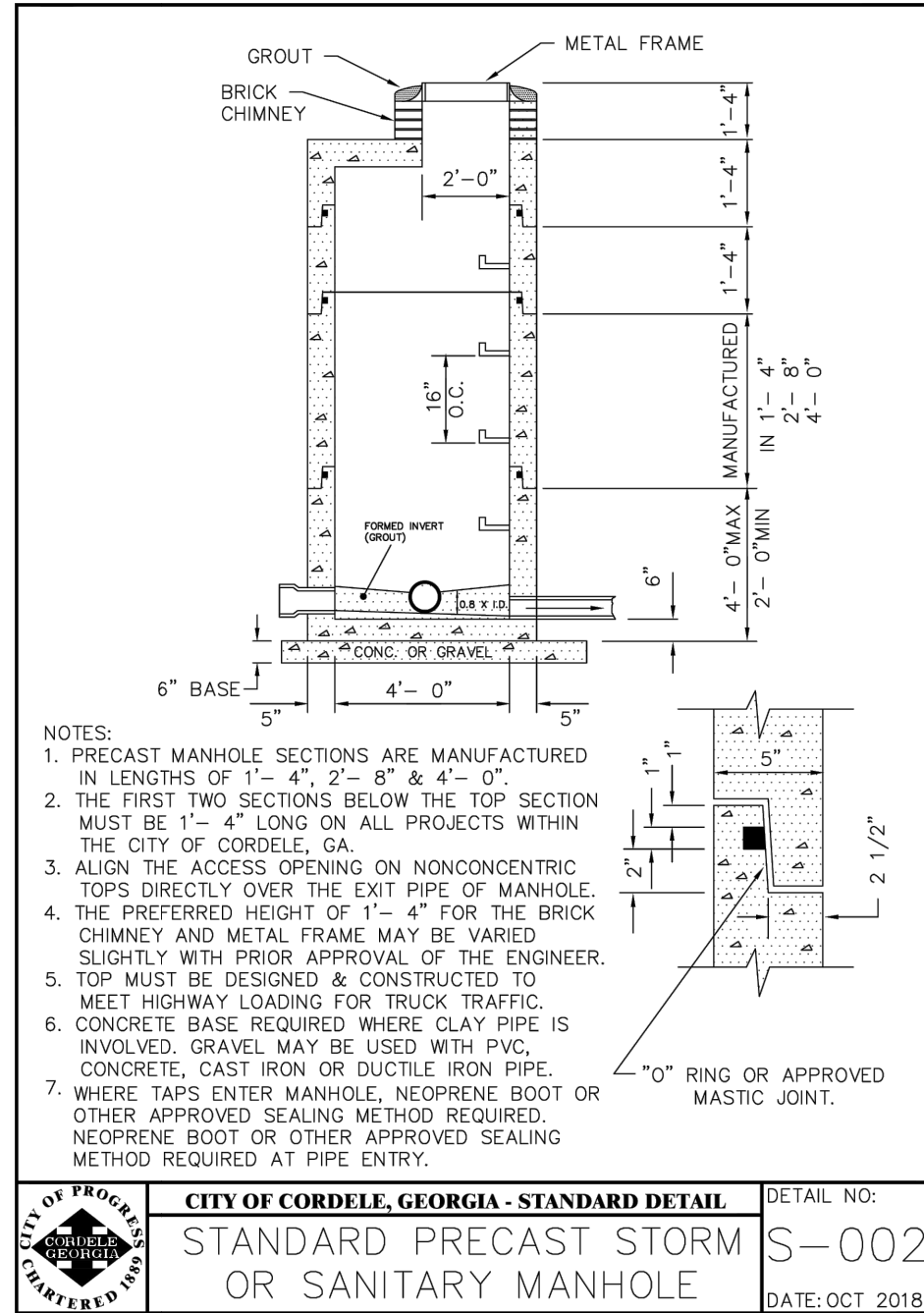


AES PROJECT NUMBER		
60161		
DATE OF PLANS		
06/16/2023		
REVISIONS		
NO.	DATE	DESCRIPTION
1	07/27/2023	REVISED PER DOT/ESPC COMMENTS
2	09/12/2023	ISSUED FOR CONSTRUCTION
3	08/12/2024	REVISED PER DPH COMMENTS
4	08/28/2024	ISSUED FOR CONSTRUCTION
5	10/02/2024	WATER LINE MODIFICATIONS
6	12/16/2024	ESPC MODIFICATIONS
7	01/15/2025	GRADING AND SITE PLAN REVISIONS
8	-	-
9	-	-
10	-	-

CORDELE TRAVEL CENTER
 STROUD AND COMPANY
 CONSTRUCTION DETAILS

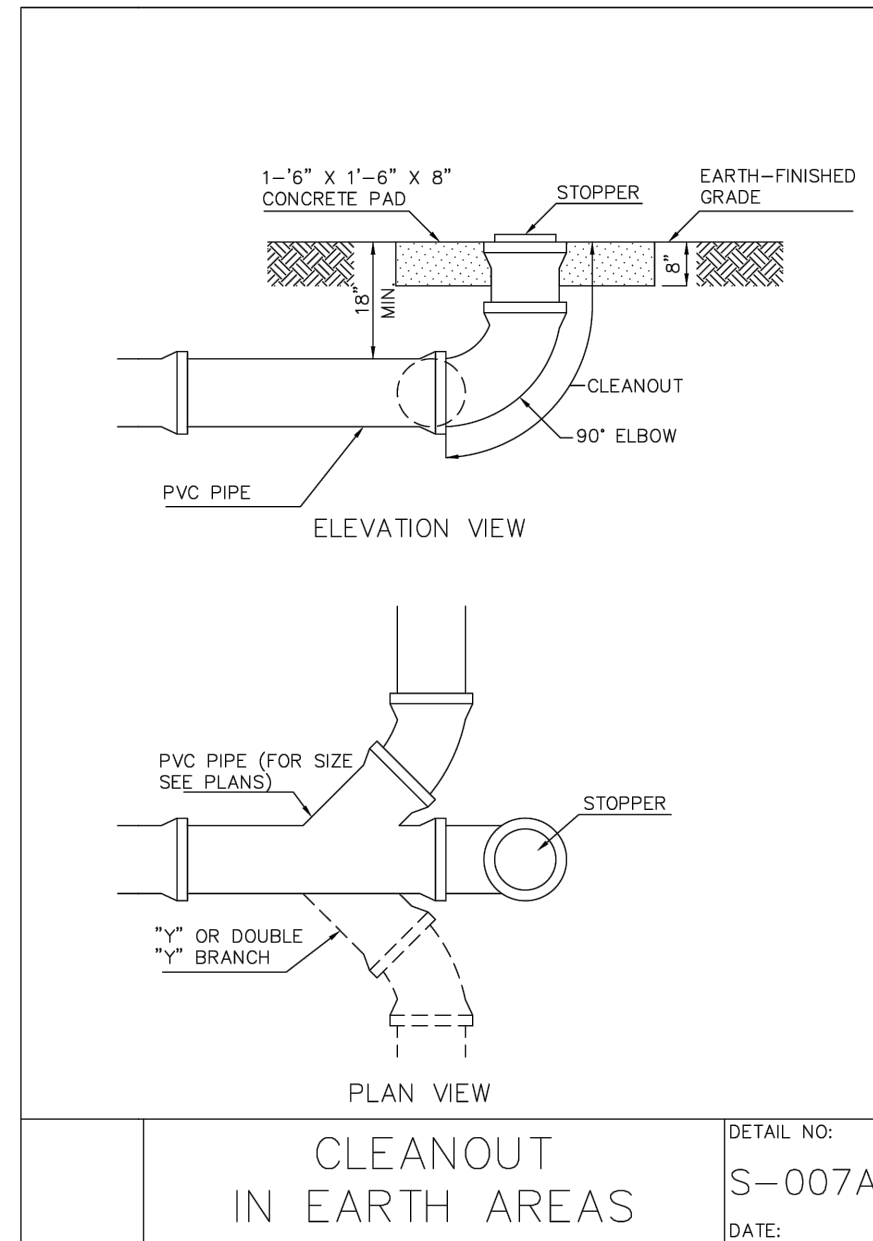


NOTE:
ALL PIPES SHALL BE CONNECTED TO MANHOLES BY RUBBER BOOT IN CORED OR PRECAST HOLES OF THE PROPER DIAMETER

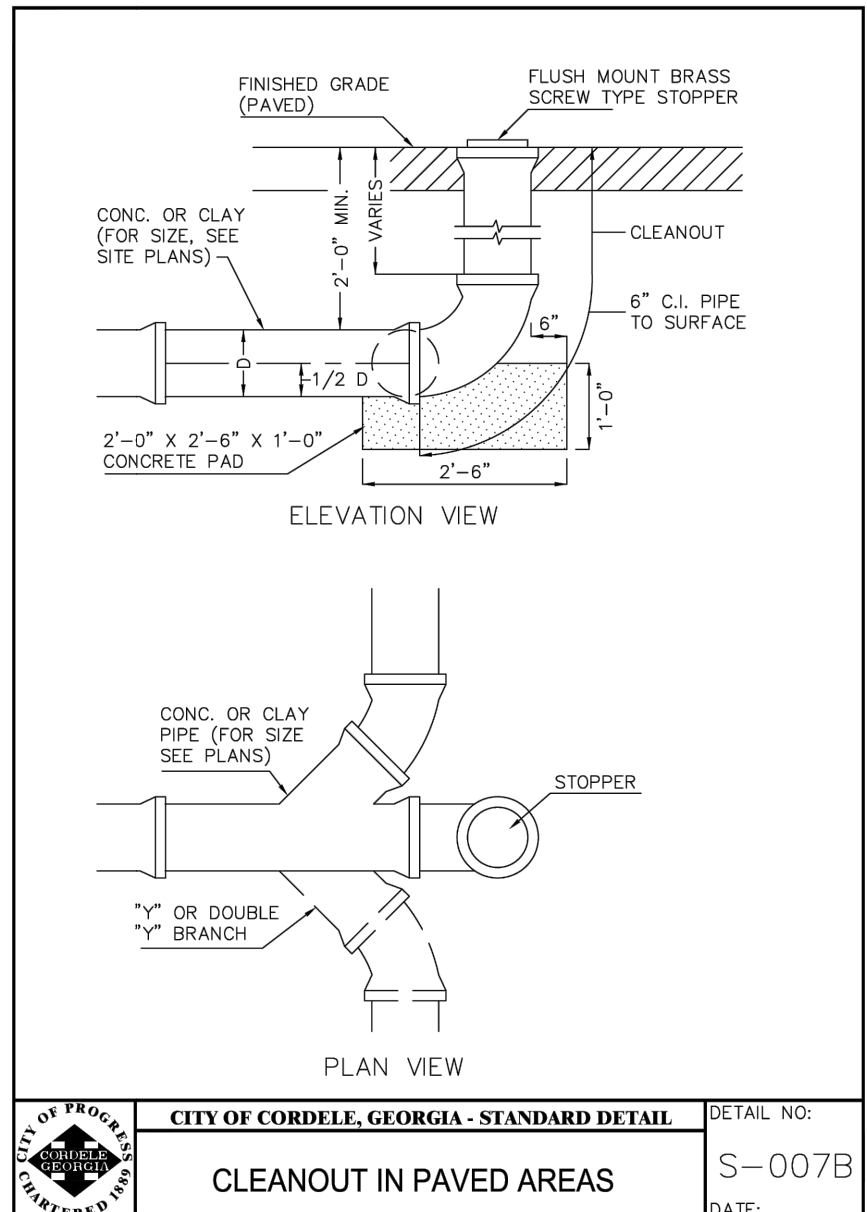


NOTES:
1. PRECAST MANHOLE SECTIONS ARE MANUFACTURED IN LENGTHS OF 1'-4", 2'-8" & 4'-0".
2. THE FIRST TWO SECTIONS BELOW THE TOP SECTION MUST BE 1'-4" LONG ON ALL PROJECTS WITHIN THE CITY OF CORDELE, GA.
3. ALIGN THE ACCESS OPENING ON NONCONCENTRIC TOPS DIRECTLY OVER THE EXIT PIPE OF MANHOLE.
4. THE PREFERRED HEIGHT OF 1'-4" FOR THE BRICK CHIMNEY AND METAL FRAME MAY BE VARIED SLIGHTLY WITH PRIOR APPROVAL OF THE ENGINEER.
5. TOP MUST BE DESIGNED & CONSTRUCTED TO MEET HIGHWAY LOADING FOR TRUCK TRAFFIC.
6. CONCRETE BASE REQUIRED WHERE CLAY PIPE IS INVOLVED. GRAVEL MAY BE USED WITH PVC, CONCRETE, CAST IRON OR DUCTILE IRON PIPE.
7. WHERE TAPS ENTER MANHOLE, NEOPRENE BOOT OR OTHER APPROVED SEALING METHOD REQUIRED. NEOPRENE BOOT OR OTHER APPROVED SEALING METHOD REQUIRED AT PIPE ENTRY.

CITY OF CORDELE, GEORGIA - STANDARD DETAIL
STANDARD PRECAST STORM OR SANITARY MANHOLE
DETAIL NO: S-002
DATE: OCT 2018



DETAIL NO: S-007A
DATE:



DETAIL NO: S-007B
DATE:

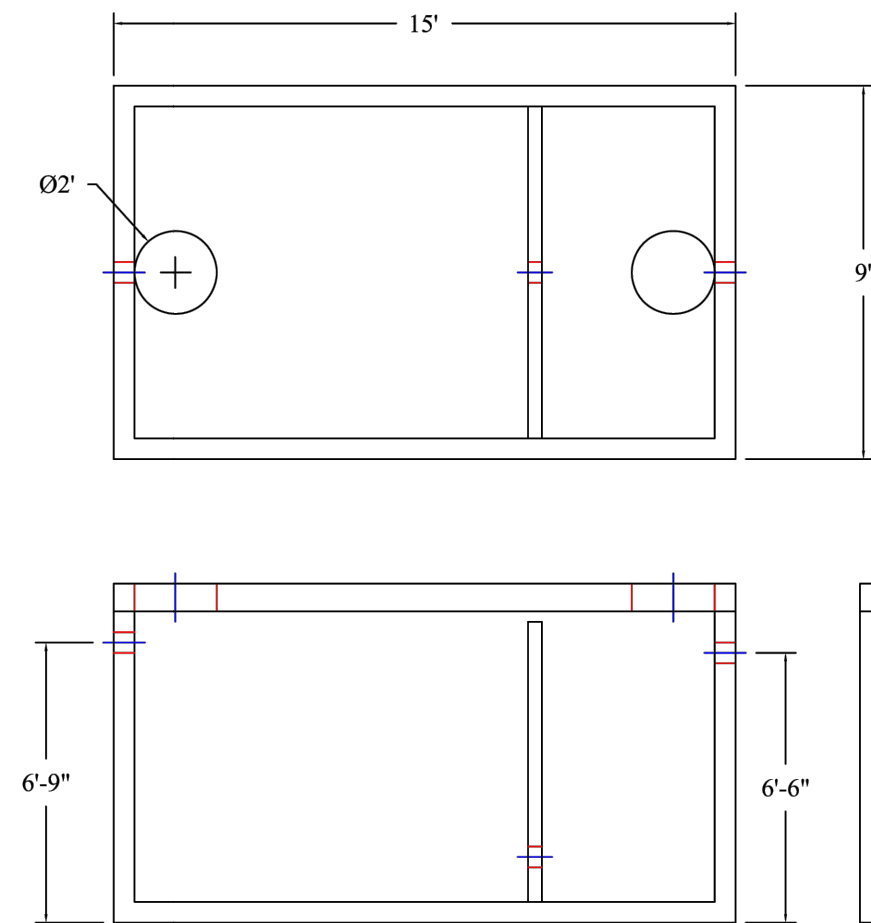
RUBBER BOOT DETAIL
NOT TO SCALE

STANDARD PRECAST STORM OR SANITARY MANHOLE
NOT TO SCALE

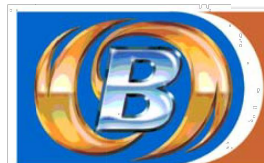
CLEANOUT IN EARTH AREAS
NOT TO SCALE

CLEANOUT IN PAVED AREAS
NOT TO SCALE

GREASE INTERCEPTOR 5,000 GALLON CAPACITY



Scale: 1/4" = 1'



**BARTOW
PRECAST**

770.382.4462
sales@bartowprecast.com
WWW.BARTOWPRECAST.COM

MODEL: GI 5000 / 181

PRODUCT INFORMATION
5,000 GALLON
GREASE INTERCEPTOR

TANK = 38,200 #
LID = 12,750 #
DESIGN MAY VARY

SPECIFICATIONS
MEETS ASTM C 1613

RATING: A-16 (H-20), ASSUME
4" MAX EARTH COVER WITH 3"
WATER TABLE BELOW GRADE

CONCRETE: 5,000 PSI @ 28 DAYS

STEEL REINFORCEMENT MEETS
ASTM A 615, PLACEMENT AS
REQUIRED BY DESIGN

INLET & OUTLET BOOT MEETS
ASTM C 923, ACCEPTS 4" & 6" PVC

BUTYL SEALANT: MEETS ASTM
C 900, USED ON JOINTS

ACCESS OPENING SUITABLE FOR
24" RISER AND/OR RING & COVER

INTERNAL PIPING BY OTHERS
PER MUNICIPAL SPECS

MODIFICATION TO THIS DESIGN
AVAILABLE UPON REQUEST

CALL FOR ADDITIONAL SPECS

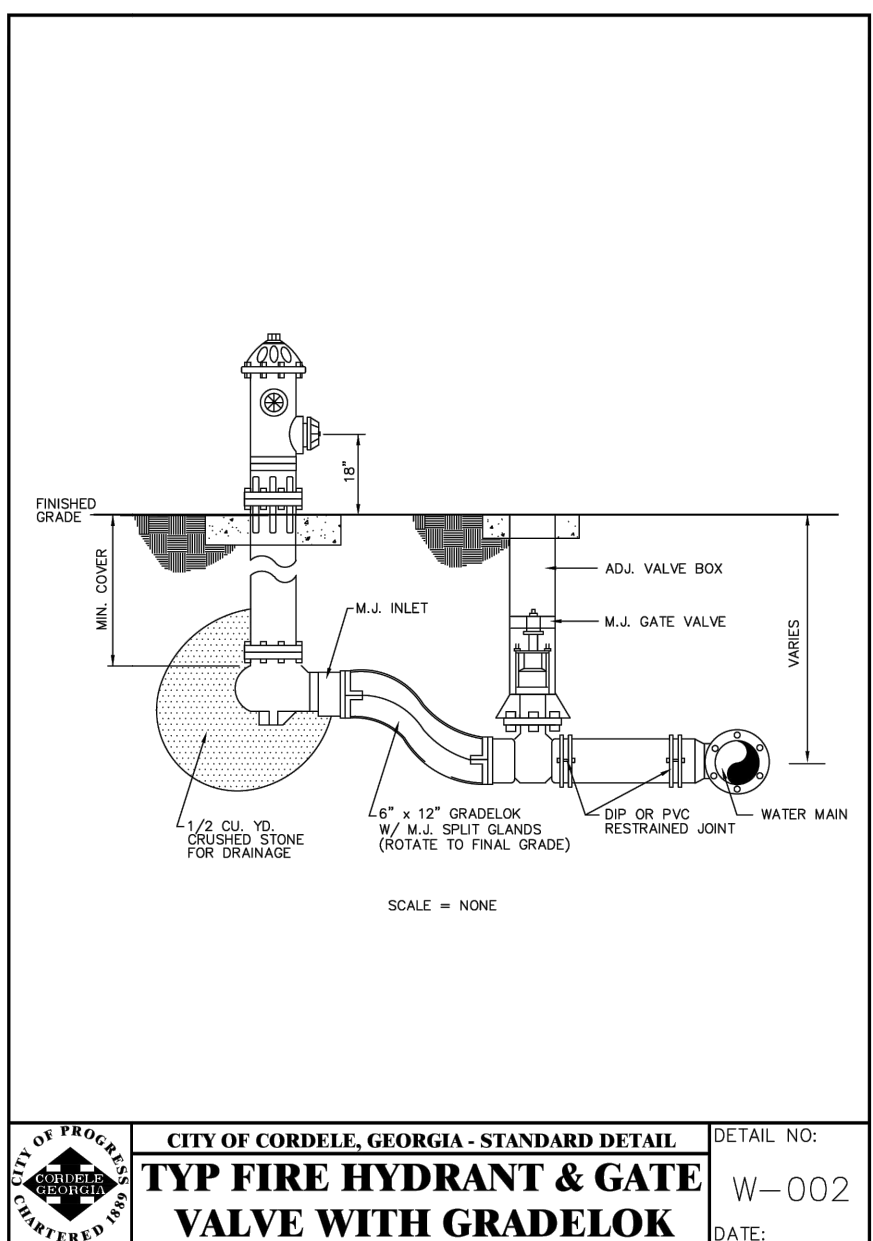


DRAWING INFORMATION
Drawn By: JIG
Checked By: CRK
Revision: 9/6/11
Date:

APPROVED BY:
print: _____
sign: _____

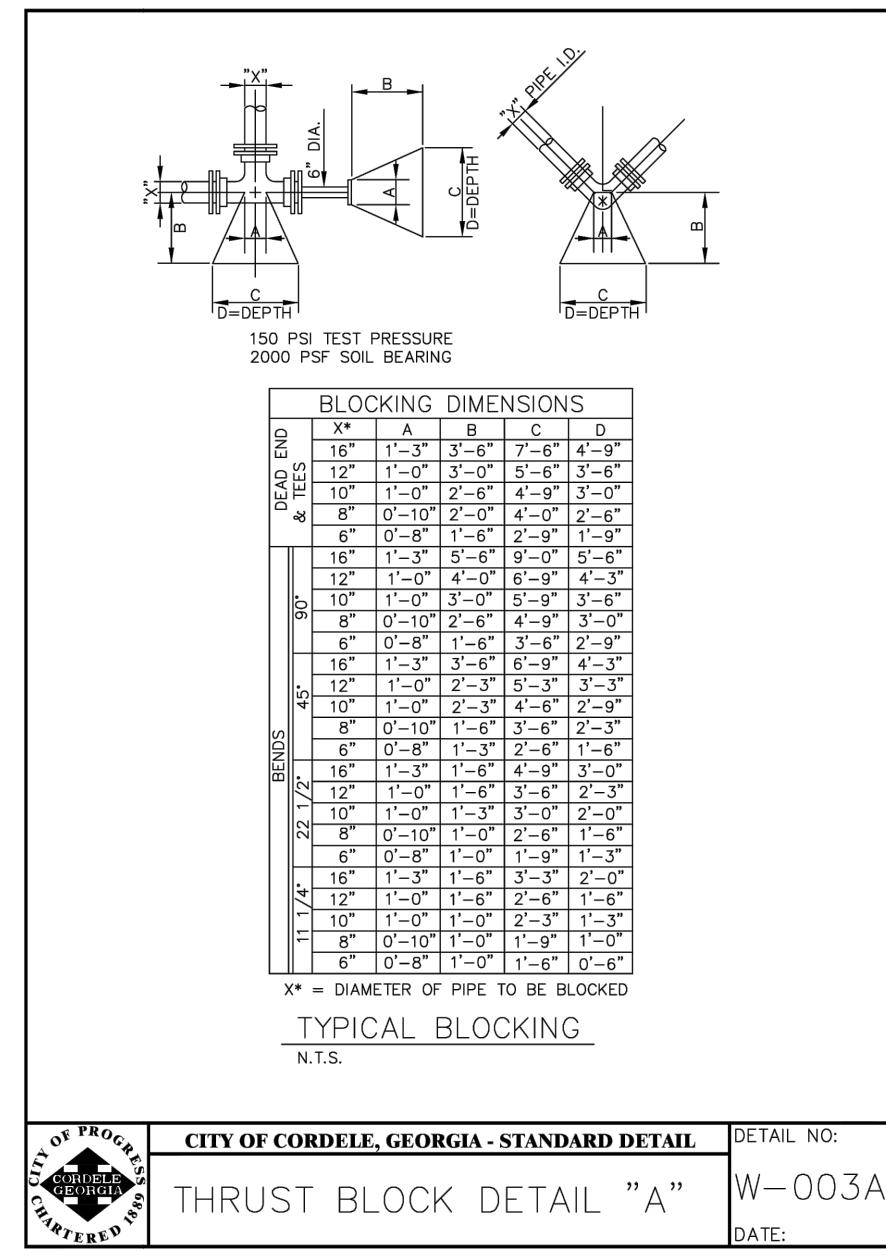
*actual dimensions may vary slightly

5,000 GAL. GREASE INTERCEPTOR DETAIL
NOT TO SCALE

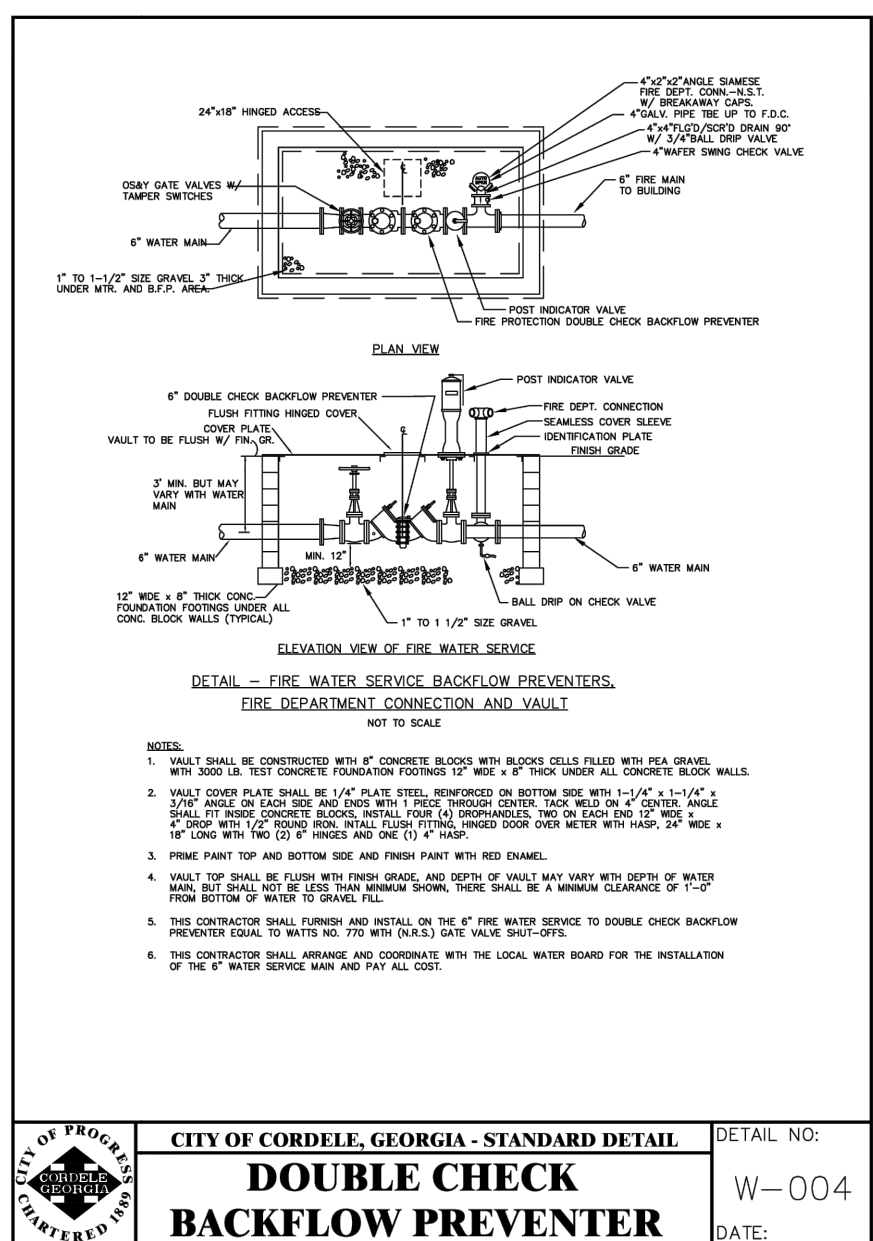


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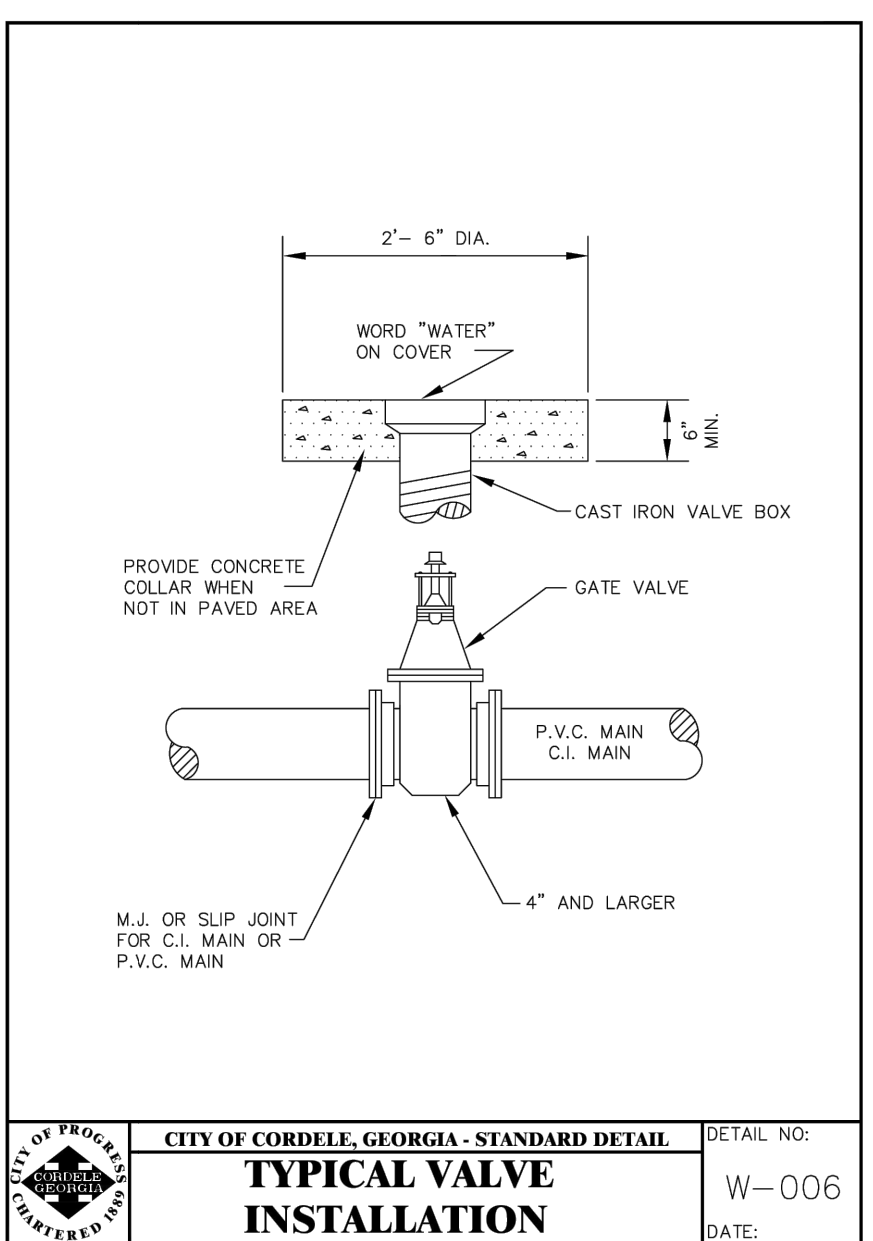
CITY OF CORDELE, GEORGIA - STANDARD DETAIL
TYP FIRE HYDRANT & GATE VALVE WITH GRADELOK
DETAIL NO: W-002
DATE:



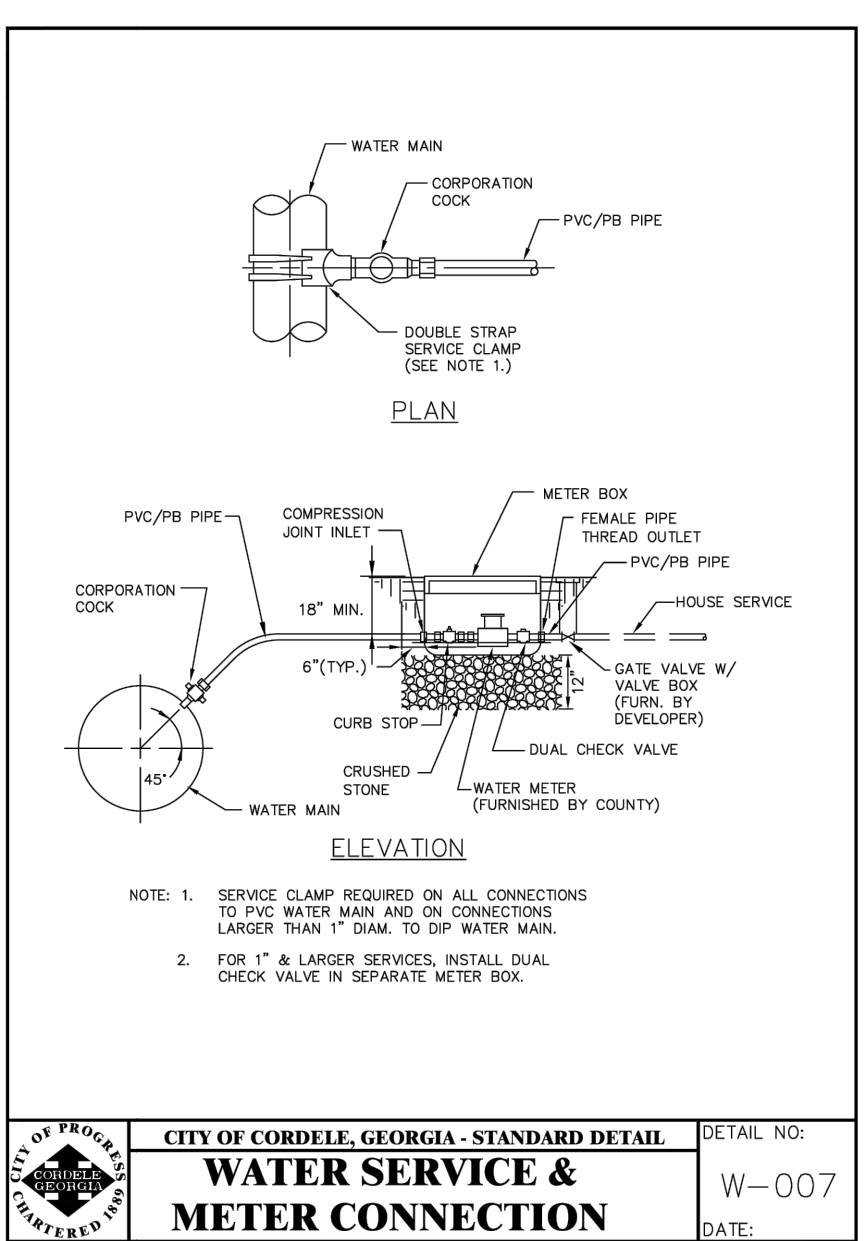
CITY OF CORDELE, GEORGIA - STANDARD DETAIL
THRUST BLOCK DETAIL "A"
DETAIL NO: W-003A
DATE:



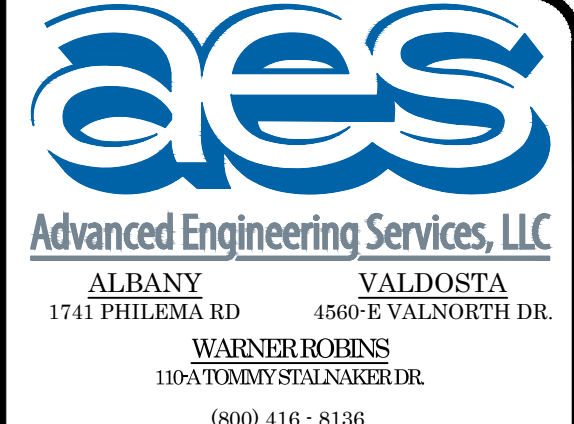
CITY OF CORDELE, GEORGIA - STANDARD DETAIL
DOUBLE CHECK BACKFLOW PREVENTER
DETAIL NO: W-004
DATE:



CITY OF CORDELE, GEORGIA - STANDARD DETAIL
TYPICAL VALVE INSTALLATION
DETAIL NO: W-006
DATE:



CITY OF CORDELE, GEORGIA - STANDARD DETAIL
WATER SERVICE & METER CONNECTION
DETAIL NO: W-007
DATE:



EXP. 06/30/2026

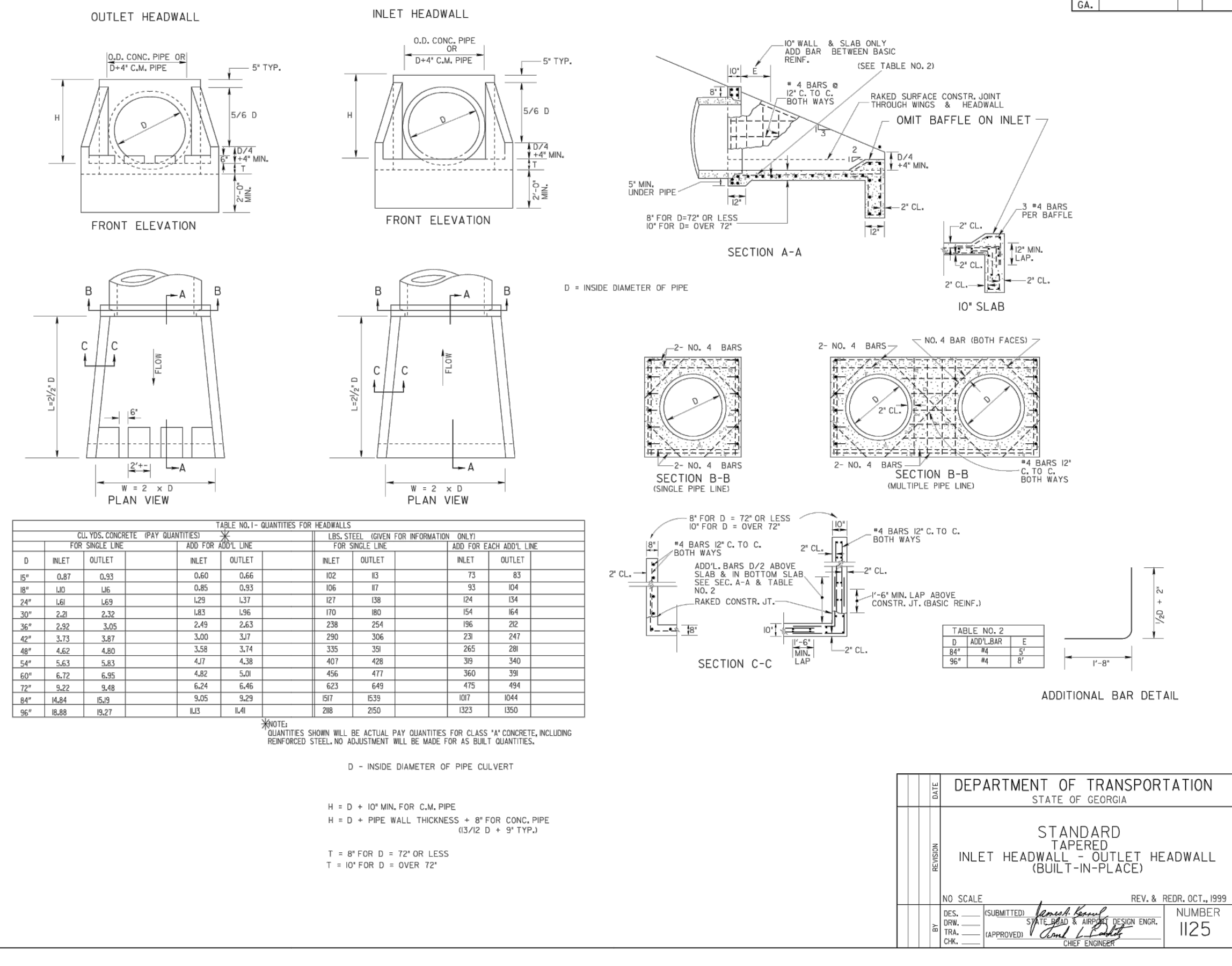


01/15/2025

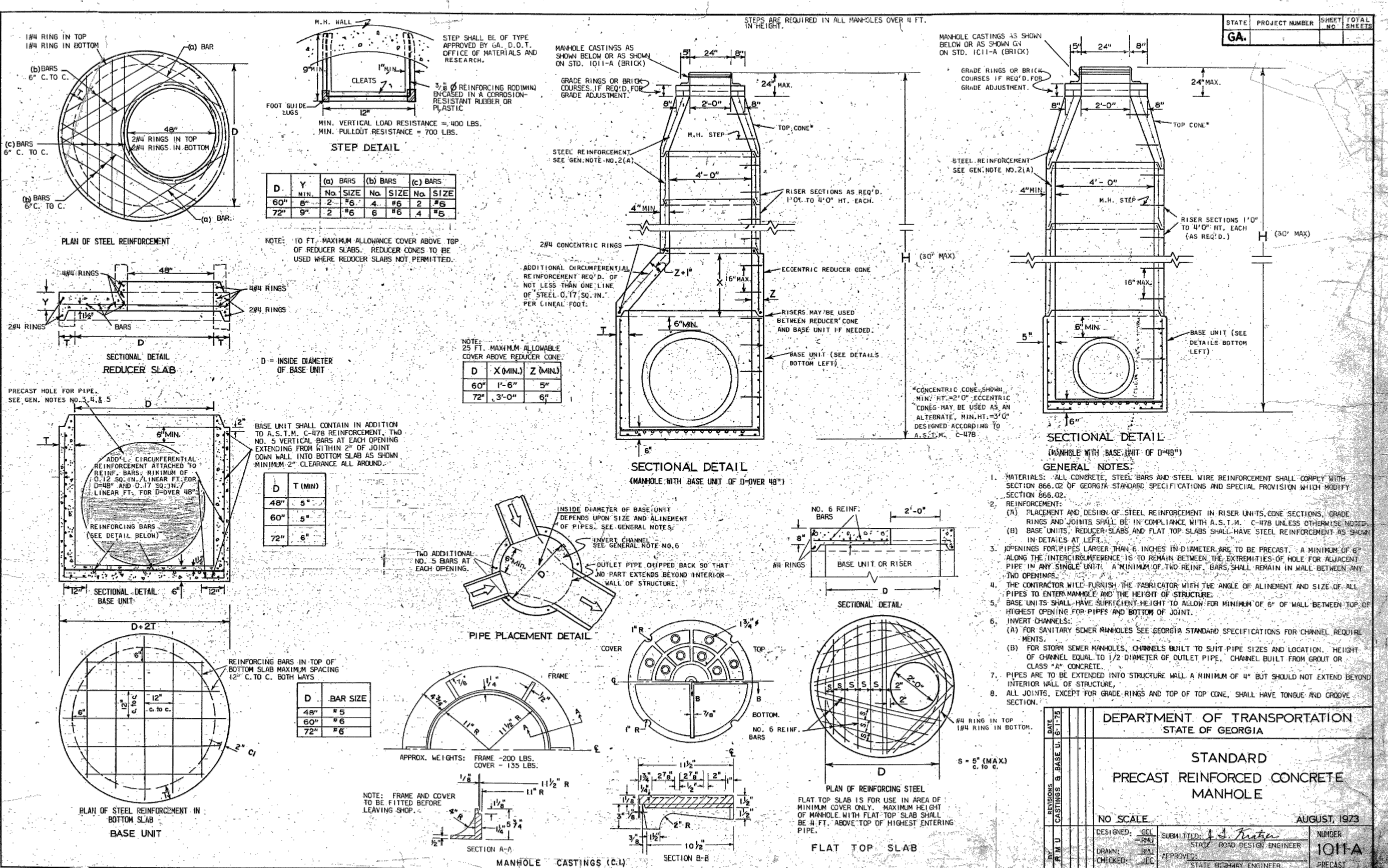
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CORDELE TRAVEL CENTER
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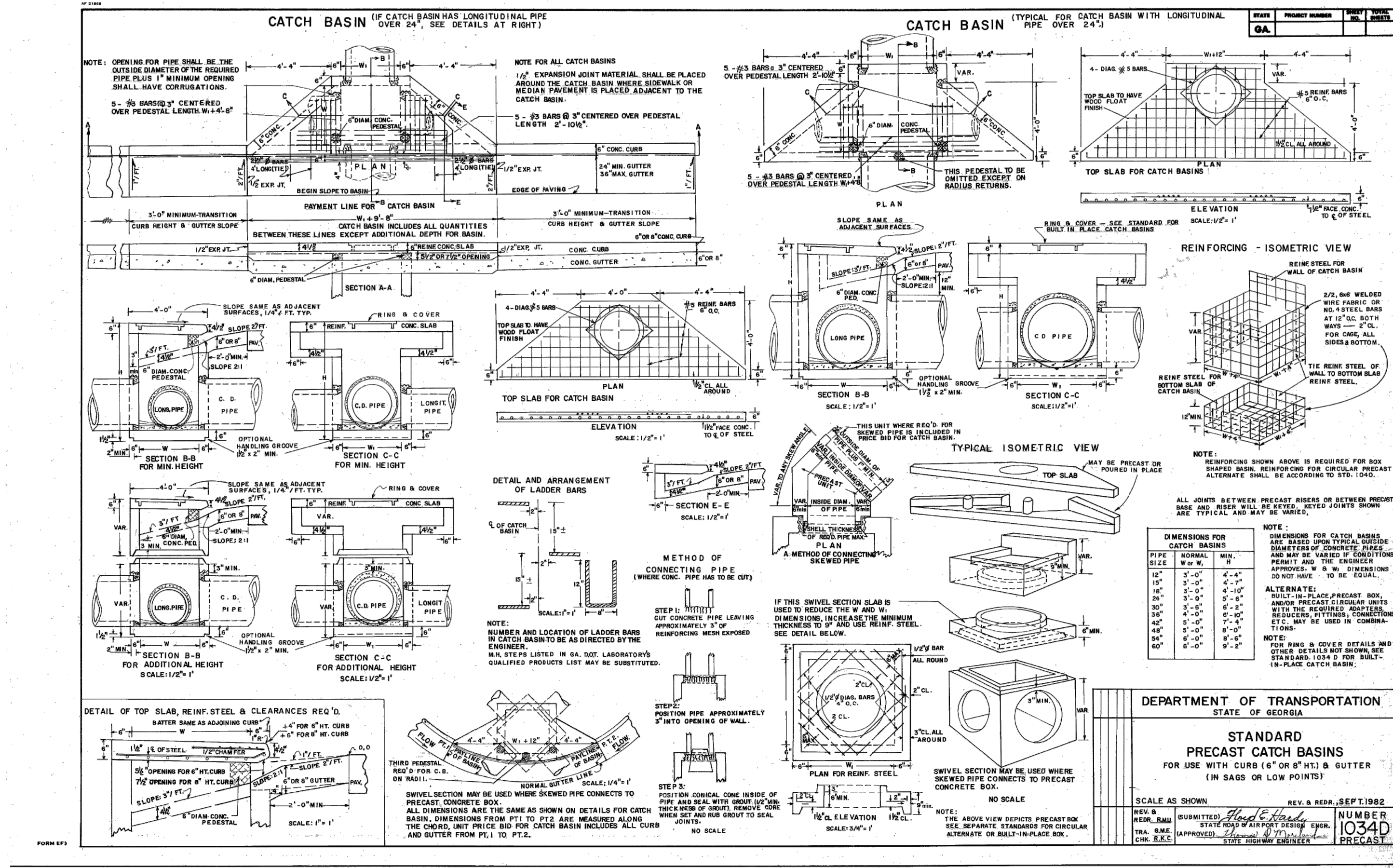
CRISP COUNTY, GEORGIA
NOT TO SCALE
SHEET
C15.1 OF 29



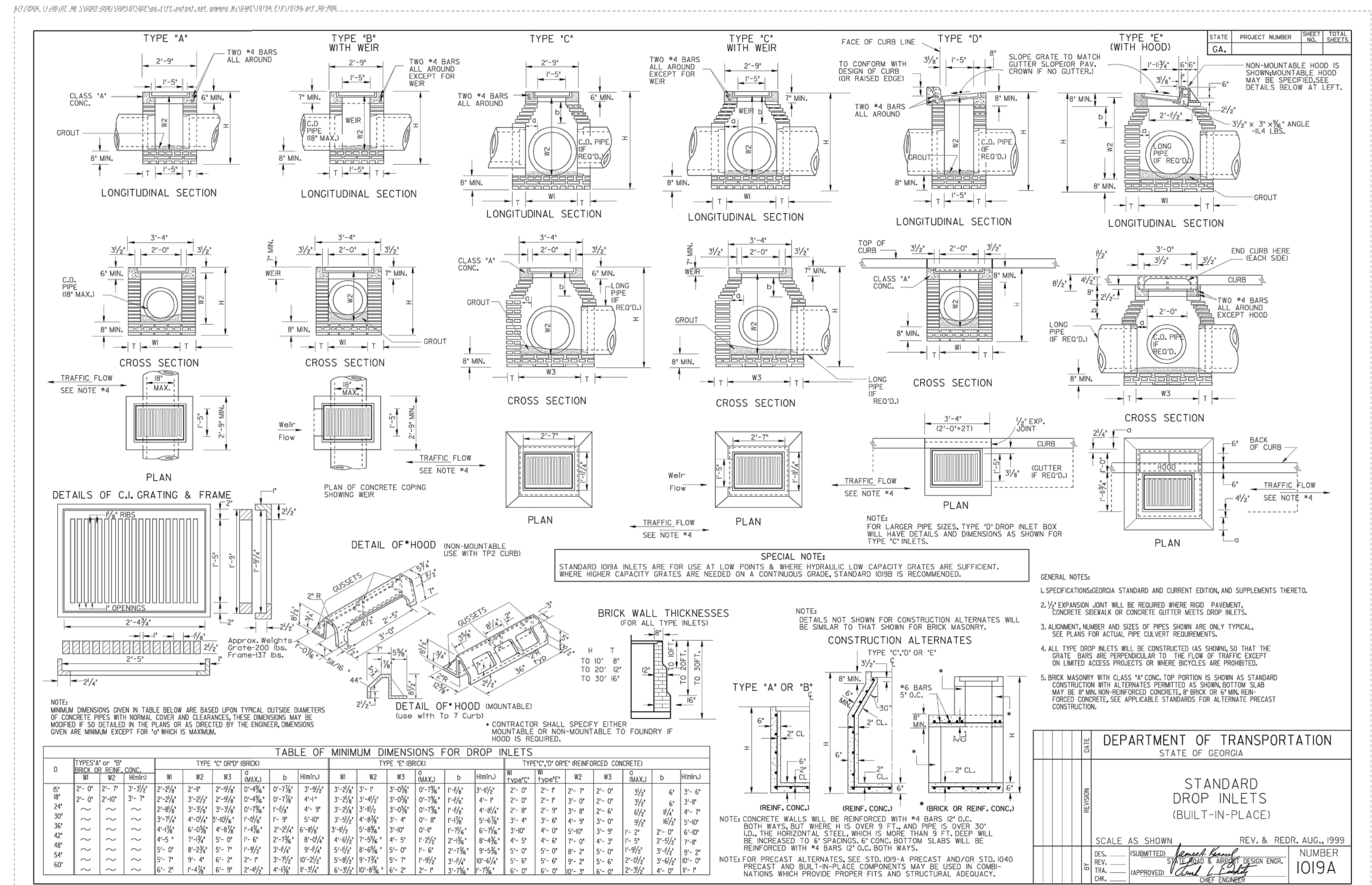
TAPERED INLET HEADWALL - OUTLET HEADWALL DETAIL - GDOT 1125
NOT TO SCALE



PRECAST CONCRETE MANHOLE DETAIL - GDOT 1011A
NOT TO SCALE



PRECAST CATCH BASINS DETAIL - GDOT 1034D
NOT TO SCALE



DROP INLETS DETAIL - GDOT 1019A
NOT TO SCALE

