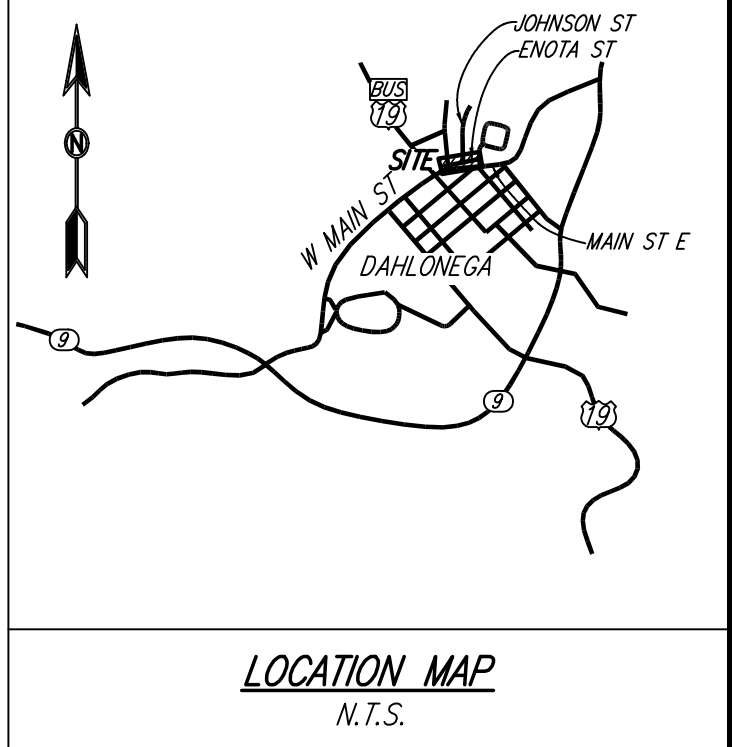


SITE DEVELOPMENT PLANS FOR: ENOTA STREET IMPROVEMENTS



LAND LOT 984, 12TH DISTRICT, 1ST SECTION
CITY OF DAHLONEGA, GA

DISTURBED AREA: 0.48 ACRES

DES PROJECT NO.: 2021-065

OWNER/DEVELOPER
CITY OF DAHLONEGA
465 RILEY ROAD
DAHLONEGA, GA 30533
PHONE: (706) 864-6133
ATTN: MARK BUCHANAN
mbuchanan@dahlonega.gov
VINCE HUNSINGER
vhunsinger@dahlonega.gov

24-HOUR CONTACT
MARK BUCHANAN
(706) 482-2712

SHEET INDEX	
1	COVER SHEET
2	EXISTING CONDITIONS/DEMO PLAN
3	SITE PLAN
4	GRADING & DRAINAGE PLAN
5	ES&PC PLAN
6	ES&PC NOTES & DETAILS
7	CONSTRUCTION DETAILS
8	CONSTRUCTION DETAILS

PREPARED BY:

**DES
DAVIS**
ENGINEERING & SURVEYING
133 PROMINENCE COURT
SUITE 210
DAWSONVILLE, GA 30534
PHONE: (706) 265-1234
DAVISENGINEERS.COM



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1	8/9/21	UPDATED WITH 2" LEVEL & OVERLAY
2	9/14/21	STORM REPROFILE

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THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
THE LOCATION OF ALL UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND WERE OBTAINED FROM OBSERVATIONS AT THE SITE AND/OR FROM INFORMATION PROVIDED BY THE PROPERTY OR UTILITY OWNERS.
DAVIS ENGINEERING & SURVEYING, LLC DOES NOT GUARANTEE THAT THE LOCATIONS SHOWN ARE EXACT AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF ALL EXISTING UTILITIES, TO NOTIFY UTILITY OWNERS PRIOR TO CONSTRUCTION, AND TO COORDINATE THE RELOCATION OF ALL THE UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE DRAWINGS.

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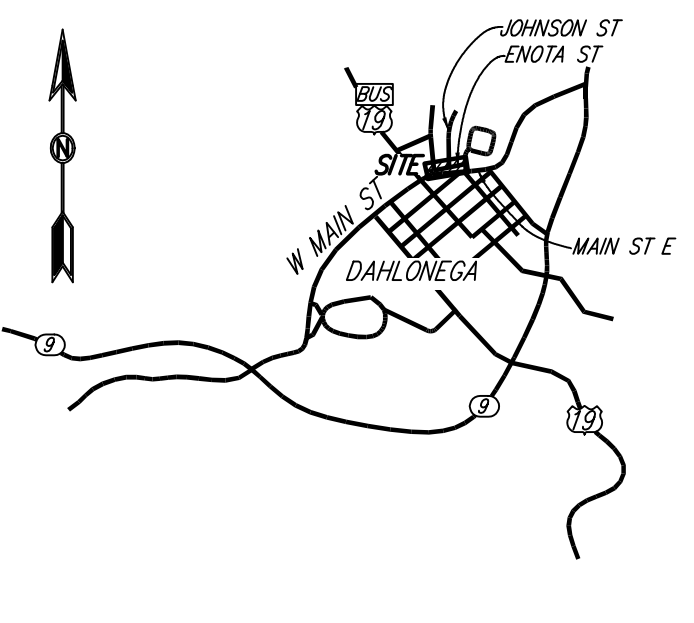
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- 8) TOILET FACILITIES SHALL BE MADE AVAILABLE TO CONSTRUCTION WORKERS WITHIN 300' OF SITE.
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- 14) THIS SITE DOES NOT HAVE STATE WATERS REQUIRING UNDISTURBED BUFFERS.
- 15) EXISTING FEATURES SHOWN BY DASHED LINES OR SHADED. PROPOSED FEATURES SHOWN BY SOLID OR BOLD LINES.
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N/F
EVELYN CROWAN
55 JOHNSON STREET
PARCEL ID: 011 057

- DEMOLITION NOTES**
- 1) CONTRACTOR SHALL LOCATE AND IDENTIFY ALL EXISTING UTILITIES THAT ARE TO REMAIN AND PROTECT THEM FROM DAMAGE. ALL UTILITIES ARE ASSUMED TO REMAIN ACTIVE UNLESS SPECIFICALLY NOTED TO BE REMOVED OR ABANDONED.
 - 2) CONTRACTOR SHALL PROTECT BENCH MARKS, PROPERTY CORNERS, AND ALL OTHER SURVEY MONUMENTS FROM DAMAGE OR DISPLACEMENT.
 - 3) DEPRESSIONS OR VOID AREAS RESULTING FROM DEMOLITION ACTIVITIES ARE TO BE FILLED WITH SUITABLE MATERIAL TO AVOID WATER PONDING.
 - 4) ALL CONSTRUCTION/DEMOLITION DEBRIS SHALL BE DISPOSED OF OFFSITE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.
 - 5) SITE MAY CONTAIN OTHER DILAPIDATED STRUCTURES THAT ARE NOT SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ALL EXISTING ON-SITE STRUCTURES AS DEEMED NECESSARY BY THE OWNER.

LEGEND			
○	UTILITY POLE	UCS	OUTLET CONTROL STRUCTURE
○	IRON PIN FOUND	UG	UNDERGROUND
N/F	NOW OR FORMERLY	RCP	REINFORCED CONCRETE PIPE
FB	REBAR	CMP	CORRUGATED METAL PIPE
L.L.	LAND LOT	CPP	CORRUGATED PLASTIC PIPE
L.L.L.	LAND LOT LINE	HDPE	HIGH DENSITY POLYETHYLENE
N.T.S.	NOT TO SCALE	SMH	SANITARY SEWER MANHOLE
D.S.L.	BUILDING SETBACK LINE	SS C/O	SANITARY SEWER CLEANOUT
TBM	TEMPORARY BENCH MARK	FM	FIRE HYDRANT
FB	FLAT BOOK	WM	WATER METER
FB	FACE	WV	WATER VALVE
R/W	RIGHT OF WAY	GV	GATE VALVE
C&G	CURB AND GUTTER	DDC	DOUBLE DETECTOR CHECK
BC	BACK OF CURB	BFP	BACK FLOW PREVENTER
FC	FACE OF CURB	DRP	DUCTILE IRON PIPE
CONC.	CONCRETE	PVC	POLYVINYL CHLORIDE
EX.	EXISTING	INV	INVERT
PROP.	PROPOSED	TW	TOP OF WALL
FTE	FINISHED FLOOR	BW	BOTTOM OF WALL
ELEV.	ELEVATION	S.S.E.	SANITARY SEWER EASEMENT
MIN.	MINIMUM	D.E.	DRAINAGE EASEMENT
LF	LINEAR FEET	—	FENCE
SF	SQ. SQUARE FEET	—	SILT FENCE
TI	TYPICAL	—	POWER
GI	GRATE INLET	—	WATER
HGI	HOODED GRATE INLET	—	SANITARY SEWER
PI	PEDESTAL INLET	---	BUILDING SETBACK LINE
JB	JUNCTION BOX		



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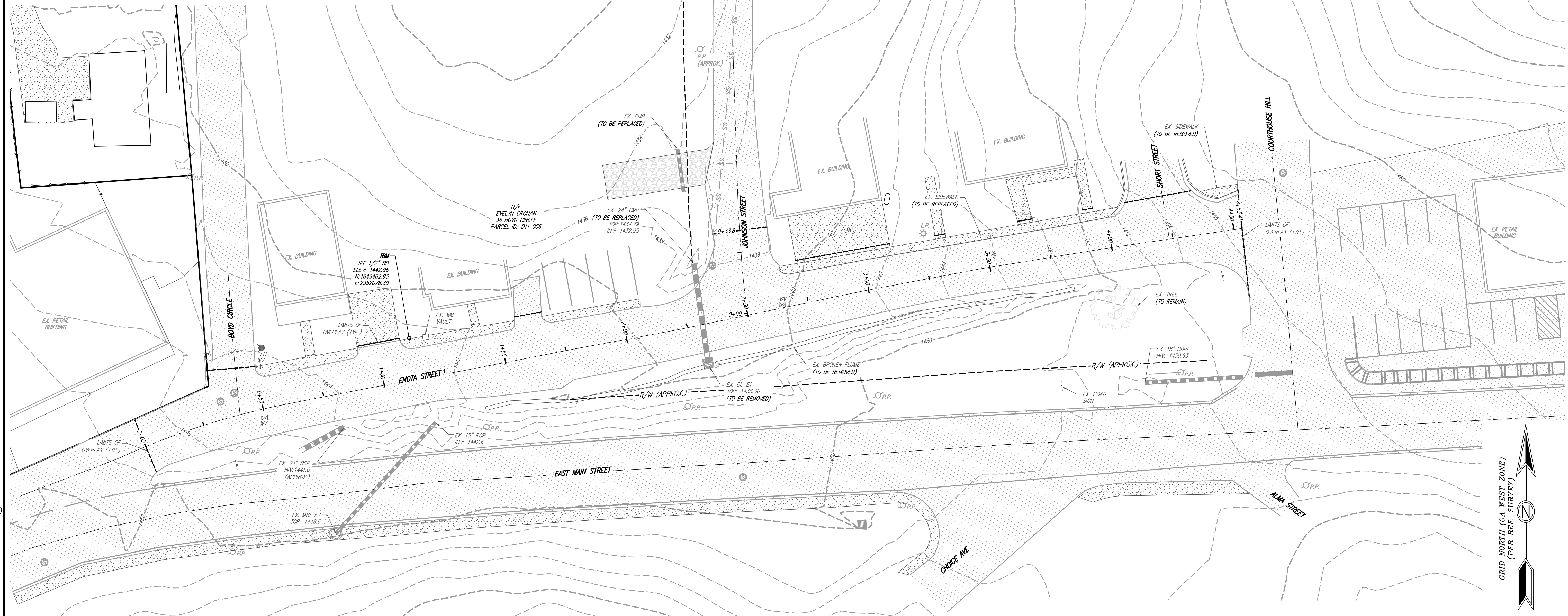


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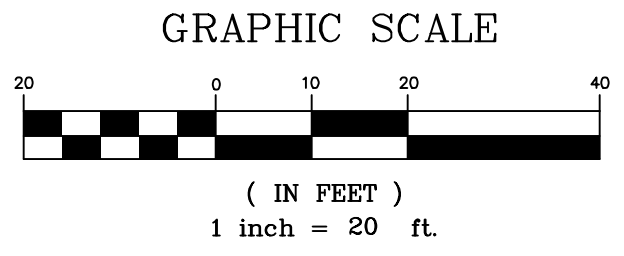
EXISTING CONDITIONS/DEMO PLAN
ENOTA DRIVE IMPROVEMENTS
LAND LOT 98A
12TH DISTRICT, 1ST SECTION
CITY OF DAHLONEGA, GA

DRAWN BY:	GRJ
CHECKED BY:	JKD
LAND LOT:	98A
DISTRICT:	12TH
SECTION:	1ST
CITY:	DAHLONEGA
COUNTY:	LUMPKIN
DATE:	7/20/21

SHEET NO.
2 OF 8
PROJECT NO.
2021-065



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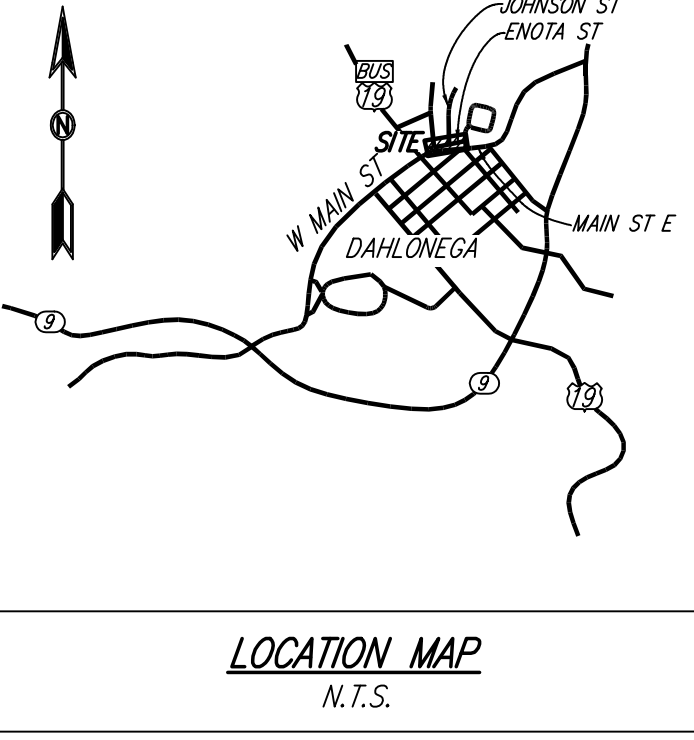
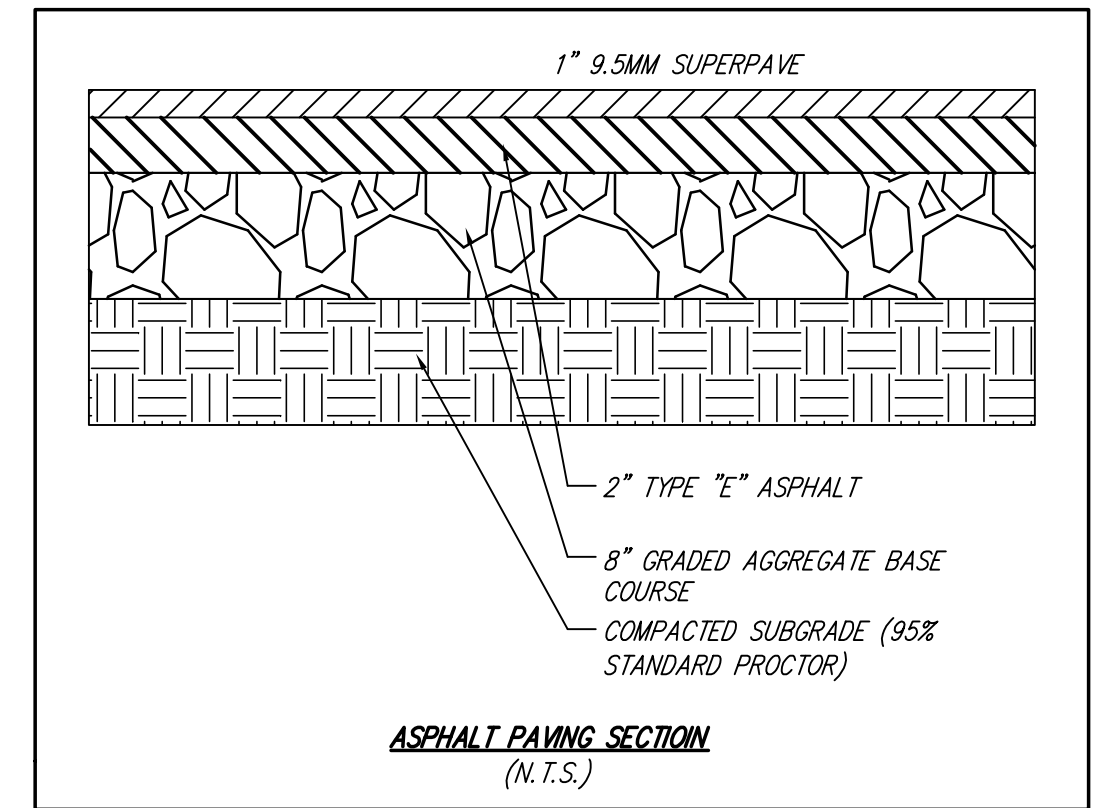
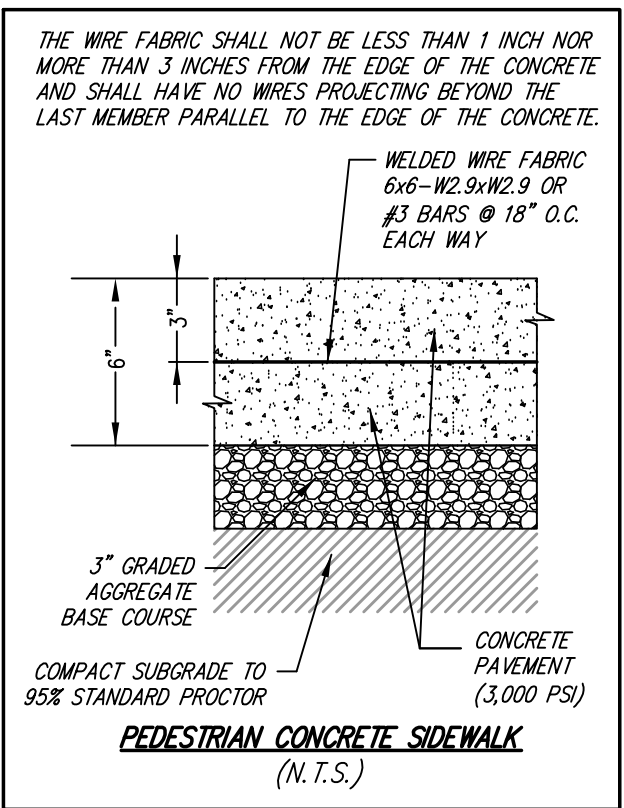
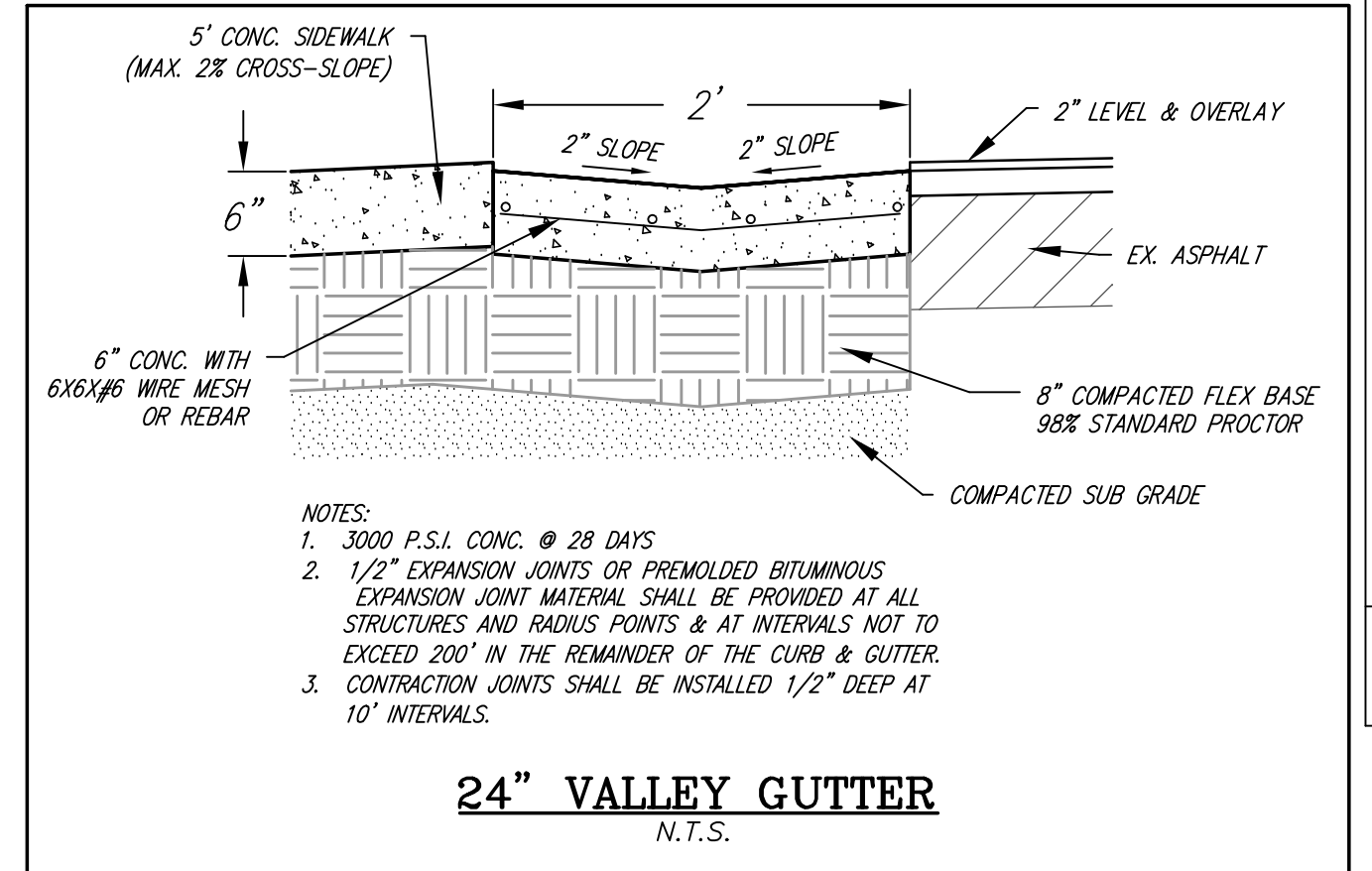
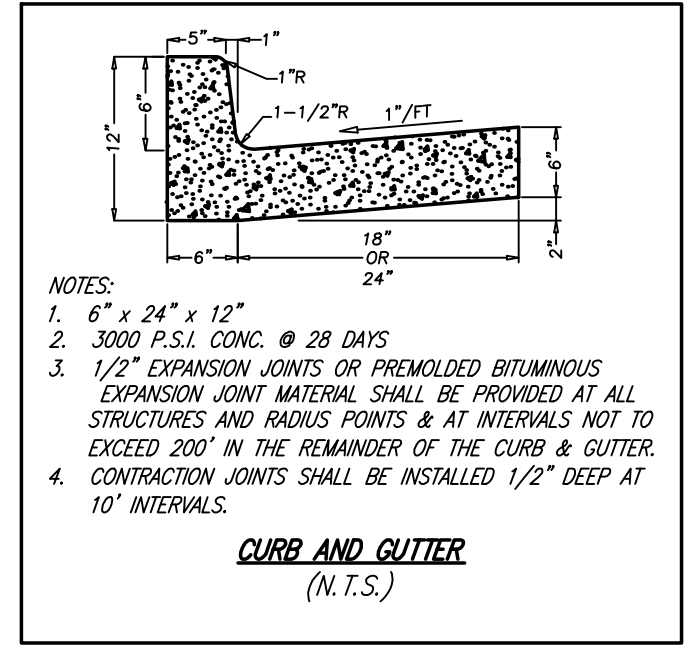
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N/F
 EVELYN CROMAN
 55 JOHNSON STREET
 PARCEL ID: 011 057

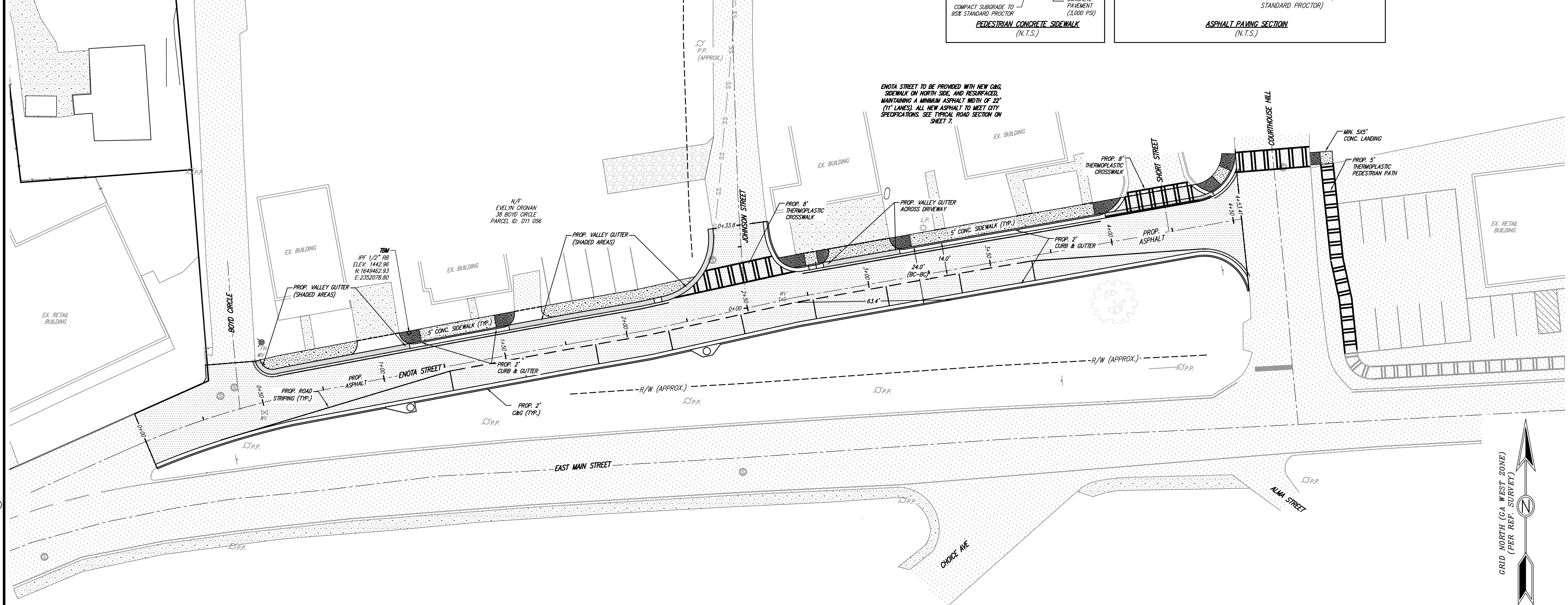


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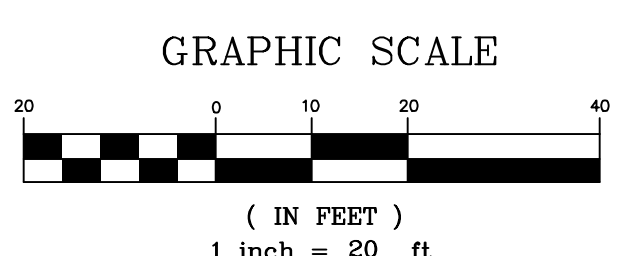
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SITE PLAN
 ENOTA DRIVE IMPROVEMENTS
 LAND LOT 984
 12TH DISTRICT, 1ST SECTION
 CITY OF DAHLONEGA, GA

DRAWN BY: GRJ
 CHECKED BY: JKD
 LAND LOT: 984
 DISTRICT: 12TH
 SECTION: 1ST
 CITY: DAHLONEGA
 COUNTY: LUMPKIN
 DATE: 7/20/21

SHEET NO.
 3 OF 8

PROJECT NO.
 2021-065

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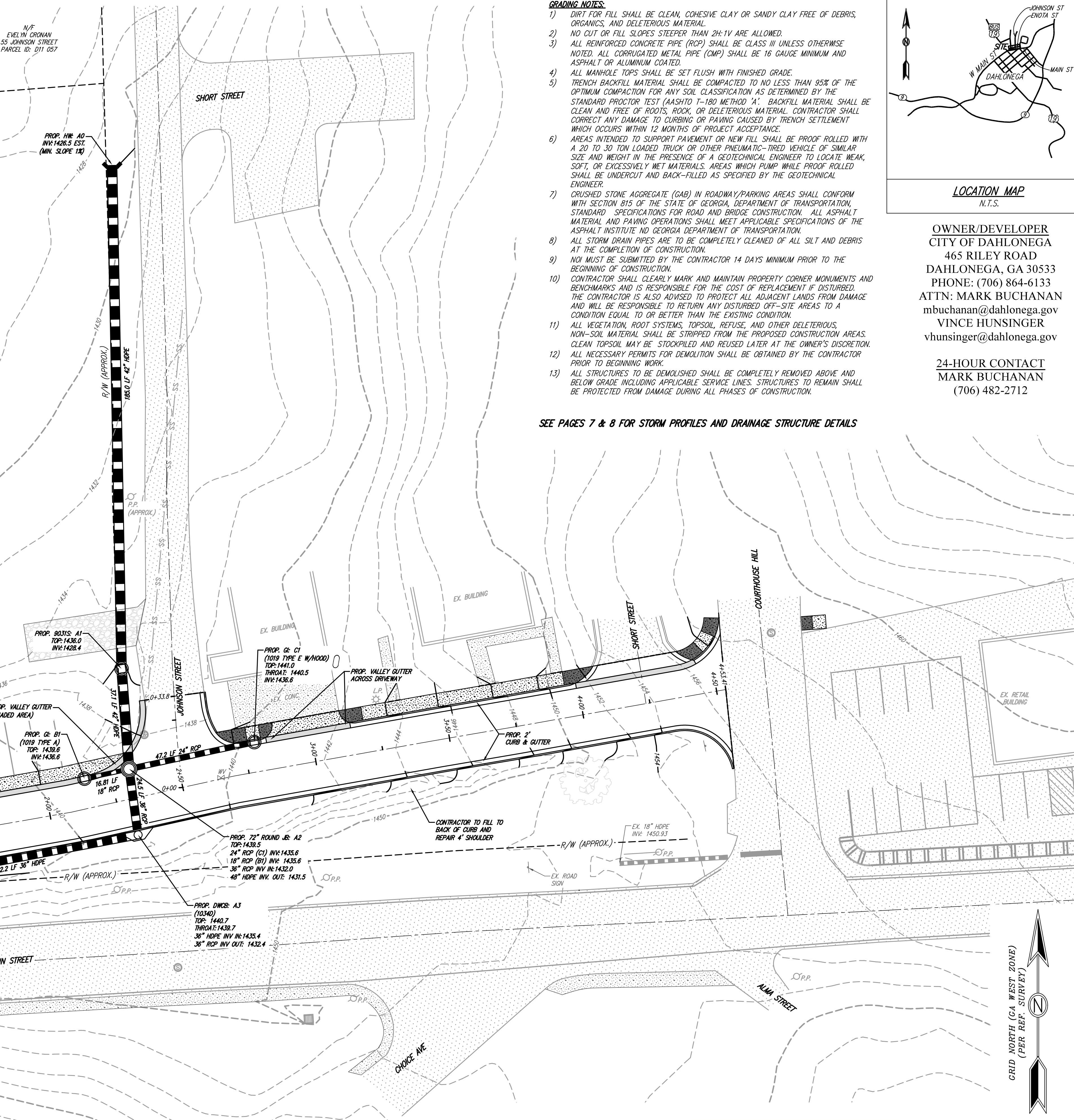
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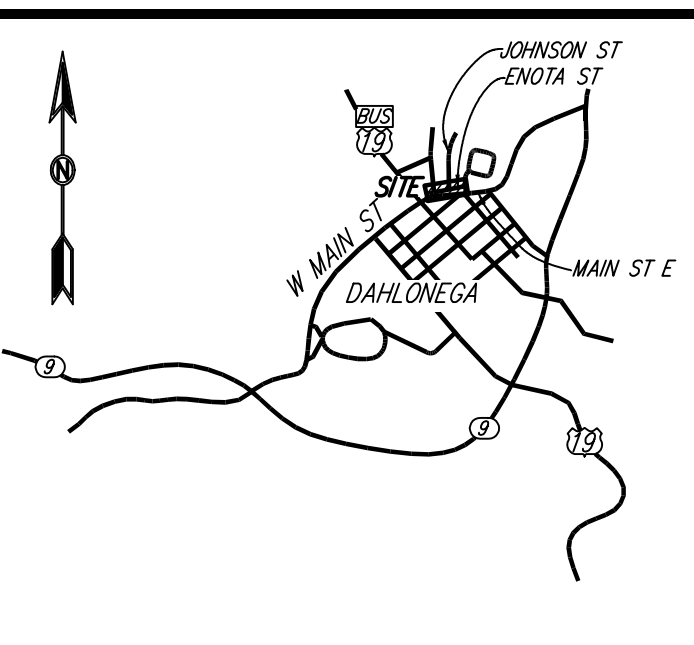
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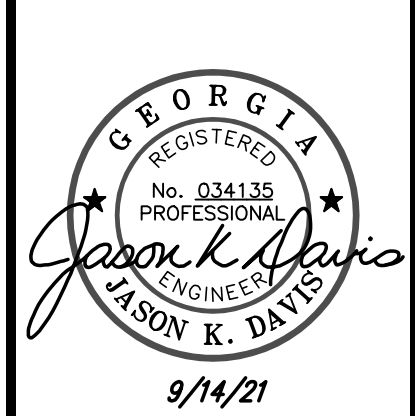
- GRADING NOTES:**
- DIRT FOR FILL SHALL BE CLEAN, COHESIVE CLAY OR SANDY CLAY FREE OF DEBRIS, ORGANICS, AND DELETERIOUS MATERIAL.
 - NO CUT OR FILL SLOPES STEEPER THAN 2H:1V ARE ALLOWED.
 - ALL REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III UNLESS OTHERWISE NOTED. ALL CORRUGATED METAL PIPE (CMP) SHALL BE 16 GAUGE MINIMUM AND ASPHALT OR ALUMINUM COATED.
 - ALL MANHOLE TOPS SHALL BE SET FLUSH WITH FINISHED GRADE.
 - TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO NO LESS THAN 95% OF THE OPTIMUM COMPACTION FOR ANY SOIL CLASSIFICATION AS DETERMINED BY THE STANDARD PROCTOR TEST (ASTM D 1557 METHOD 1A). BACKFILL MATERIAL SHALL BE CLEAN AND FREE OF ROOTS, ROCK, OR DELETERIOUS MATERIAL. CONTRACTOR SHALL CORRECT ANY DAMAGE TO CURBING OR PAVING CAUSED BY TRENCH SETTLEMENT WHICH OCCURS WITHIN 12 MONTHS OF PROJECT ACCEPTANCE.
 - AREAS INTENDED TO SUPPORT PAVEMENT OR NEW FILL SHALL BE PROOF ROLLED WITH A 20 TO 30 TON LOADED TRUCK OR OTHER PNEUMATIC-TIRED VEHICLE OF SIMILAR SIZE AND WEIGHT IN THE PRESENCE OF A GEOTECHNICAL ENGINEER TO LOCATE WEAK, SOFT, OR EXCESSIVELY WET MATERIALS. AREAS WHICH PUMP WHILE PROOF ROLLED SHALL BE UNDERCUT AND BACK-FILLED AS SPECIFIED BY THE GEOTECHNICAL ENGINEER.
 - CRUSHED STONE AGGREGATE (GAB) IN ROADWAY/PARKING AREAS SHALL CONFORM WITH SECTION 515 OF THE STATE OF GEORGIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL ASPHALT MATERIAL AND PAVING OPERATIONS SHALL MEET APPLICABLE SPECIFICATIONS OF THE ASPHALT INSTITUTE AND GEORGIA DEPARTMENT OF TRANSPORTATION.
 - ALL STORM DRAIN PIPES ARE TO BE COMPLETELY CLEANED OF ALL SILT AND DEBRIS AT THE COMPLETION OF CONSTRUCTION.
 - NOI MUST BE SUBMITTED BY THE CONTRACTOR 14 DAYS MINIMUM PRIOR TO THE BEGINNING OF CONSTRUCTION.
 - CONTRACTOR SHALL CLEARLY MARK AND MAINTAIN PROPERTY CORNER MONUMENTS AND BENCHMARKS AND IS RESPONSIBLE FOR THE COST OF REPLACEMENT IF DISTURBED. THE CONTRACTOR IS ALSO ADVISED TO PROTECT ALL ADJACENT LANDS FROM DAMAGE AND WILL BE RESPONSIBLE TO RETURN ANY DISTURBED OFF-SITE AREAS TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING CONDITION.
 - ALL VEGETATION, ROOT SYSTEMS, TOPSOIL, REFUSE, AND OTHER DELETERIOUS, NON-SOIL MATERIAL SHALL BE STRIPPED FROM THE PROPOSED CONSTRUCTION AREAS. CLEAN TOPSOIL MAY BE STOCKPILED AND REUSED LATER AT THE OWNER'S DISCRETION.
 - ALL NECESSARY PERMITS FOR DEMOLITION SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO BEGINNING WORK.
 - ALL STRUCTURES TO BE DEMOLISHED SHALL BE COMPLETELY REMOVED ABOVE AND BELOW GRADE INCLUDING APPLICABLE SERVICE LINES. STRUCTURES TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION.

SEE PAGES 7 & 8 FOR STORM PROFILES AND DRAINAGE STRUCTURE DETAILS



OWNER/DEVELOPER
CITY OF DAHLONEGA
465 RILEY ROAD
DAHLONEGA, GA 30533
PHONE: (706) 864-6133
ATTN: MARK BUCHANAN
mbuchanan@dahlonega.gov
vhsinger@dahlonega.gov

24-HOUR CONTACT
MARK BUCHANAN
(706) 482-2712



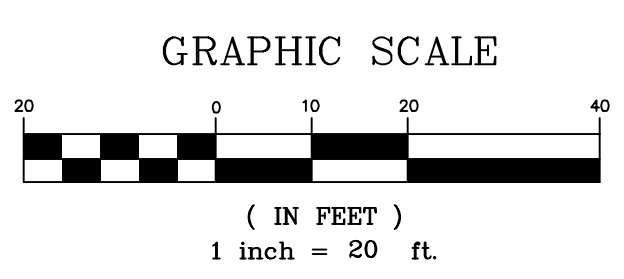
REVISION	DATE	DESCRIPTION
1	8/9/21	UPDATED WITH 2" LEVEL & OVERLAY
2	9/14/21	STORM REPROFILE

GRADING & DRAINAGE PLAN
ENOTA DRIVE IMPROVEMENTS
LAND LOT 98A
12TH DISTRICT, 1ST SECTION
CITY OF DAHLONEGA, GA

DRAWN BY:	GRJ
CHECKED BY:	JKD
LAND LOT:	98A
DISTRICT:	12TH
SECTION:	1ST
CITY:	DAHLONEGA
COUNTY:	LUMPKIN
DATE:	7/20/21

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IF ANY CONFLICTS, DISCREPANCIES, OR ANY OTHER UNSATISFACTORY CONDITIONS ARE DISCOVERED, EITHER ON THE CONSTRUCTION DOCUMENTS OR FIELD CONDITIONS, THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY AND SHALL NOT COMMENCE FURTHER OPERATION UNTIL THE CONFLICTS, DISCREPANCIES, OR OTHER UNSATISFACTORY CONDITIONS ARE RESOLVED.



PROJECT DESCRIPTION:
CITY IMPROVEMENTS TO ENOTA STREET, INCLUDING ROAD WIDENING/REPAVING WITH CURB & GUTTER, SIDEWALK REPLACEMENT AND STORM REPAIR.

DISTURBED AREA= 0.48 ACRES

BOUNDARY INFORMATION FROM SURVEY BY DAVIS ENGINEERING & SURVEYING, LLC.

UTILITIES SHOWN HEREON ARE FROM EXISTING STRUCTURES AND ABOVE GROUND MARKS FOUND. DAVIS ENGINEERING AND SURVEYING, LLC IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES.

TOPOGRAPHIC AND ELEVATION DATA FROM FIELD RUN TOPO BY DAVIS ENGINEERING AND SURVEYING, LLC.

CONTOUR INTERVAL = 2'

PROJECT BENCHMARK:
TBM USED IS 1/2" REBAR FOUND NEAR BOYD CIRCLE AND ENOTA STREET. ELEV: 1442.96'; N: 1649462.93; E: 2352078.80

NO PORTION OF THIS SITE IS LOCATED WITHIN THE 100-YEAR FLOOD PRONE AREA AS PER FLOOD INSURANCE RATE MAP NO. 13187C01610, DATED 04/04/2018.

GENERAL NOTES:

- 1) ALL CONSTRUCTION WORK, MATERIALS, AND IMPROVEMENTS AT THIS SITE SHALL CONFORM WITH CITY OF DAHLONEGA, GEORGIA REQUIREMENTS.
- 2) ALL STRUCTURES WILL BE REQUIRED TO CONFORM TO THE STANDARD BUILDING CODES HORIZONTAL SEPARATION STANDARDS. APPROVAL OF THIS PERMIT WILL NOT JUSTIFY ANY DEVIATION IN HORIZONTAL SEPARATION STANDARDS AS ADOPTED AND AMENDED BY THE GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS.
- 3) CONTRACTORS SHALL CONDUCT ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) AND ALL LOCAL, STATE AND FEDERAL RULES AND REGULATIONS.
- 4) ALL CONSTRUCTION STAKING ON THIS SITE SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF A GEORGIA REGISTERED LAND SURVEYOR.
- 5) MATTERS OF RECORD NOT SHOWN HEREON ARE EXCEPTED.
- 6) THE UTILITIES AND STRUCTURES AS SHOWN ON THIS PLAN WERE FOUND PER ABOVE GROUND EXAMINATION OF THIS SITE, BASED ON VISIBLE INDICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXACT LOCATIONS AND ELEVATIONS OF ALL UNDERGROUND UTILITIES AND OTHER STRUCTURES BEFORE THE START OF CONSTRUCTION ON THIS PROJECT.
- 7) IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT ALL UTILITIES ARE AS NOTED IN THE PLANS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER AS SOON AS POSSIBLE.

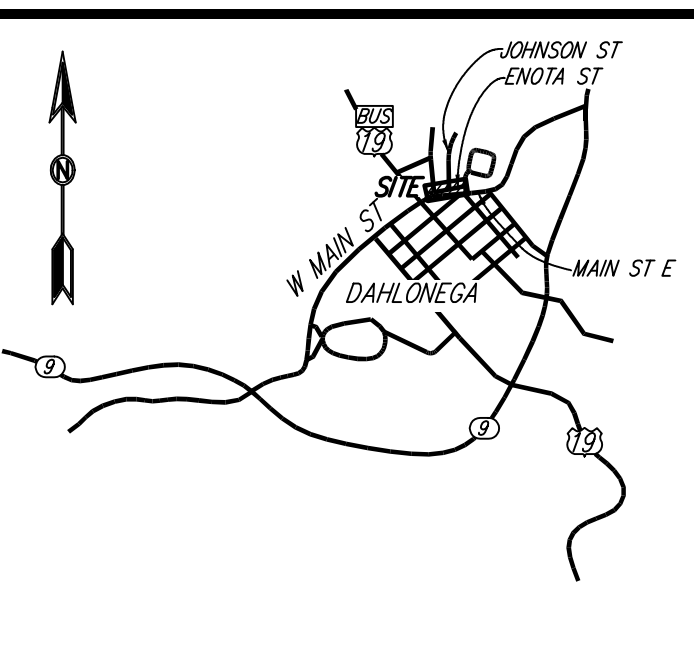
- 8) TOILET FACILITIES SHALL BE MADE AVAILABLE TO CONSTRUCTION WORKERS WITHIN 300' OF SITE.
- 9) NO MATERIAL CAN BE BURIED ONSITE WITHOUT THE APPROVAL OF THE OWNER AND GEOTECHNICAL ENGINEER.
- 10) CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEBRIS AS ACCEPTABLE TO THE OWNER.
- 11) CONTRACTOR IS TO REMOVE ALL ROCK, TOPSOIL, AND UNSUITABLE MATERIALS.
- 12) MAXIMUM CUT OR FILL SLOPES SHALL BE 2 HORIZONTAL: 1 VERTICAL.
- 13) THIS SITE DOES NOT CONTAIN WETLANDS.
- 14) THIS SITE DOES NOT HAVE STATE WATERS REQUIRING UNDISTURBED BUFFERS.
- 15) EXISTING FEATURES SHOWN BY DASHED LINES OR SHADED. PROPOSED FEATURES SHOWN BY SOLID OR BOLD LINES.
- 16) CONTRACTOR RESPONSIBLE FOR PROTECTING ADJACENT AREAS AND SHALL BE RESPONSIBLE TO REPAIR ANY DAMAGE TO A CONDITION EQUAL TO OR GREATER THAN THE ORIGINAL CONDITION.
- 17) ALL HDPE PIPE TO CONFORM TO PIPE MANUFACTURER REQUIREMENTS AND GEOTECHNICAL RECOMMENDATIONS.
- 18) CONTRACTOR SHALL COORDINATE BUILDING CONSTRUCTION WITH ARCHITECTURAL PLANS (BY OTHERS).
- 19) ALL SIGNAGE AND STRIPING TO BE PROVIDED BY CONTRACTOR ACCORDING TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND OTHER GOVERNING MUNICIPAL STANDARDS AND SPECIFICATIONS, LATEST EDITIONS. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS ON THESE DRAWINGS WITH ALL COORDINATING DOCUMENTS AND NOTIFY ENGINEER OF ANY DISCREPANCIES. IF DISCREPANCIES ARE FOUND DURING CONSTRUCTION, THE CONTRACTOR IS TO STOP WORK IMMEDIATELY AND NOTIFY THE ENGINEER.
- 20) ALL EXISTING MANHOLE COVERS, METER BOXES, AND OTHER UTILITY APPURTENANCES LOCATED WITHIN THE LIMITS OF WORK SHALL BE ADJUSTED SO THAT THEIR TOP SURFACES WILL BE FLUSH WITH FINISHED GRADE.
- 21) ALL TEMPORARY STRIPING AND SIGNAGE NECESSARY TO MAINTAIN SAFE VEHICULAR AND PEDESTRIAN TRAFFIC FLOW DURING CONSTRUCTION SHALL BE FURNISHED, INSTALLED, AND MAINTAINED BY THE CONTRACTOR.
- 22) MUTCD SIGNAGE AND CERTIFIED FLAGGERS SHALL BE EMPLOYED DURING ANY ROAD CLOSURE OR TRAFFIC DISRUPTION.

EROSION CONTROL LEGEND

TEMPORARY CONSTRUCTION EXIT	Co
SEDIMENT BARRIER - SENSITIVE	Sd1-S
INLET SEDIMENT TRAP - FABRIC	Sd2-F
INLET SEDIMENT TRAP - PIGS IN BLANKET	Sd2-P
SLOPE STABILIZATION	Ss
SURFACE ROUGHENING	Su
STORM DRAIN OULET PROTECTION	St
TEMPORARY MULCHING	Ds1
TEMPORARY GRASSING	Ds2
PERMANENT GRASSING	Ds3

EROSION & SEDIMENT CONTROL NOTES:

- 1) EROSION AND SEDIMENT SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROLS AND PRACTICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ONSITE INSPECTION BY OWNER, ENGINEER, OR INSPECTOR.
- 2) THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
- 3) MAINTENANCE OF ALL SOIL EROSION & SEDIMENTATION CONTROL MEASURES & PRACTICES WHETHER TEMPORARY OR PERMANENT SHALL BE AT ALL TIMES AT THE RESPONSIBILITY OF THE PROPERTY OWNER.
- 4) APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY CITY OF DAHLONEGA OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY WETLAND AREA DISTURBANCE.
- 5) ALL DISTURBED AREAS TO BE GRASSSED. GRASSING TO BEGIN WITHIN 7 DAYS AFTER THE COMPLETION OF ANY LAND DISTURBANCE ACTIVITY, OR IF ACTIVITY IS DISCONTINUED FOR A PERIOD OF 7 DAYS OR LONGER.
- 6) MAINTENANCE REQUIRED FOR EROSION CONTROL DEVICES. CLEAN OUT BEFORE ONE-HALF FULL.
- 7) PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION EXIT SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE. ALL ENTRANCES TO THE SITE WHICH ARE NOT PROTECTED SHALL BE BARRICADED.
- 8) IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION EXITS, ALL PERIMETER EROSION CONTROL DEVICES AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION. CALL CITY OF DAHLONEGA FOR AN INSPECTION PRIOR TO PERFORMING ANY OTHER WORK.
- 9) THE LOCATION OF EROSION CONTROL DEVICES SHALL BE ADJUSTED AS CONSTRUCTION PROGRESSES IN ORDER TO MAINTAIN A FUNCTIONING EROSION CONTROL SYSTEM.
- 10) EROSION CONTROL DEVICES SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND AT LEAST DAILY DURING PROLONGED PERIODS OF CONTINUOUS RAINFALLS.
- 11) EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT COVER IS ESTABLISHED AND THEN REMOVED SO THAT DRAINAGE FROM THE SITE IS NOT IMPEDED.
- 12) ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND ANY DEFICIENCIES NOTED WILL BE CORRECTED BY THE END OF EACH DAY. ENTRANCES TO THE SITE WHICH ARE NOT PROTECTED SHALL BE BARRICADED.



LOCATION MAP
N.T.S.

OWNER/DEVELOPER
CITY OF DAHLONEGA
465 RILEY ROAD
DAHLONEGA, GA 30533
PHONE: (706) 864-6133
ATTN: MARK BUCHANAN
mbuchanan@dahlonega.gov
VINCE HUNSINGER
vhunsinger@dahlonega.gov

24-HOUR CONTACT
MARK BUCHANAN
(706) 482-2712

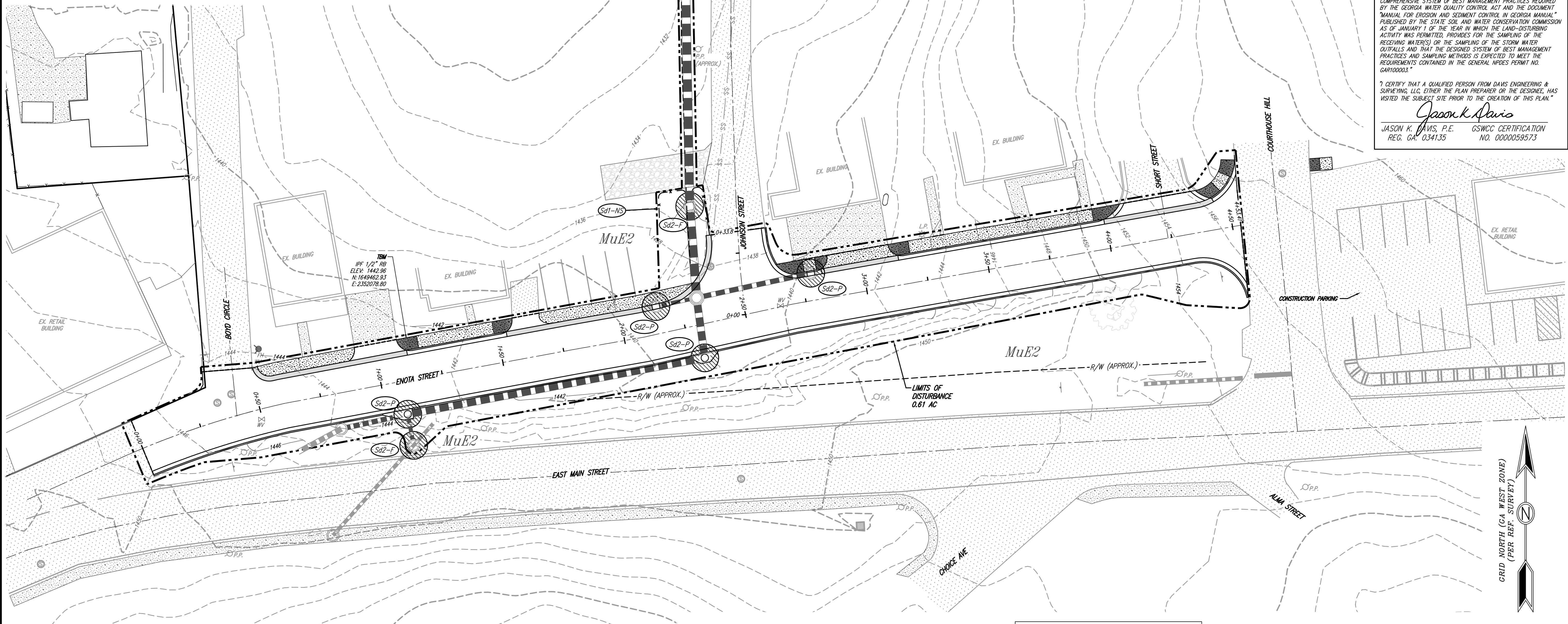
NPDES CERTIFICATIONS:

1) I CERTIFY THAT THE PERMITEE'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 STATE 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 WATER(S) OR THE SAMPLING OF THE STORM WATER 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. GA0100003.

2) I CERTIFY THAT A QUALIFIED PERSON FROM DAVIS ENGINEERING & SURVEYING, LLC, EITHER THE PLAN PREPARER OR THE DESIGNER, HAS VISITED THE SUBJECT SITE PRIOR TO THE CREATION OF THIS PLAN.

Jason K Davis
JASON K. DAVIS, P.E. GSWCC CERTIFICATION
REG. GA. 034135 NO. 0000059573

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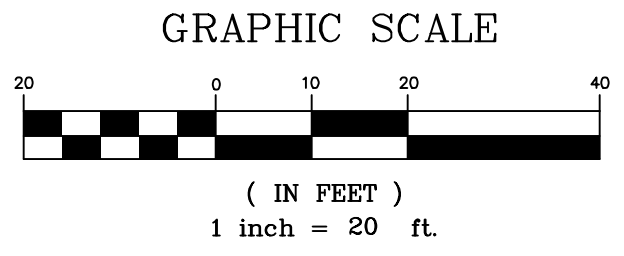


SOIL CHARACTERISTICS

SOIL SYMBOL	NAME	SLOPE	LIMITATIONS	PERMEABILITY	HYDRO SOIL GROUP
MuE2	MUSSELLA GRAVELLY CLAY LOAM	10-25%	WELL DRAINED	0.00-1.98	D

SOIL CHARACTERISTICS TAKEN FROM USDA WEB SOIL SURVEY

IF ANY CONFLICTS, DISCREPANCIES, OR ANY OTHER UNSATISFACTORY CONDITIONS ARE DISCOVERED, EITHER ON THE CONSTRUCTION DOCUMENTS OR FIELD CONDITIONS, THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY AND SHALL NOT COMMENCE FURTHER OPERATION UNTIL THE CONFLICTS, DISCREPANCIES, OR OTHER UNSATISFACTORY CONDITIONS ARE RESOLVED.



REVISION	DATE	DESCRIPTION
1	8/9/21	UPDATED WITH 2" LEVEL & OVERLAY
2	9/14/21	STORM REPAIRS

ES & PC PLAN
ENOTA DRIVE IMPROVEMENTS
LAND LOT 984
12TH DISTRICT, 1ST SECTION
CITY OF DAHLONEGA, GA

DRAWN BY: GRJ
CHECKED BY: JKD
LAND LOT: 984
DISTRICT: 12TH
SECTION: 1ST
CITY: DAHLONEGA
COUNTY: LUMPKIN
DATE: 7/20/21

SHEET NO.
5 OF 8
PROJECT NO.
2021-065

- SEE ES&PC DETAILS SHEET.
- SEE ES&PC PLAN SHEETS.
- LIMITS OF DISTURBANCE DO NOT EXCEED 50 ACRES. 0.48 ACRES DISTURBED FOR THIS PROJECT.
- 24-HOUR CONTACT: MARK BUCHANAN (706) 482-2412
- PRIMARY PERMITTEE: CITY OF DAHLONEGA C/O MARK BUCHANAN
ADDRESS: 465 RILEY ROAD, DAHLONEGA, GA 30533
EMAIL: mbuchanan@dahlonega.com
PHONE: (706) 864-6133
- THE PROPOSED PROJECT IS LOCATED ON 0.48 ACRES AND WILL CONSIST OF A DISTURBED AREA OF 0.48 ACRES.
- CONSTRUCTION EXIT COORDINATES : LAT. 34.54096, LONG. -83.981293
- SEE ES&PC SHEETS.
- CITY IMPROVEMENTS TO ENOTA STREET, INCLUDING ROAD WIDENING/REPAIRING WITH CURB & GUTTER, SIDEWALK REPLACEMENT AND STORM REPAIR.
- SEE ES&PC SHEETS.
- THE INITIAL RECEIVING WATER(S) FOR THIS PROJECT IS AN UNNAMED TRIBUTARY TO YAHOOOLA CREEK LOCATED APPROX. 1,140' TO THE NORTH OF THE SITE. THERE WILL BE NO ADVERSE IMPACT TO DOWNSTREAM PROPERTIES BY THE POST-DEVELOPMENT RUNOFF FROM THE SITE.
- 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 DIRECT SUPERVISION.

Jason K. Davis 9/14/21
P.E. 34135, GSWCC CERTIFICATION #59573 DATE

- N/A
- N/A
- NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 50-FOOT UNDISTURBED STREAM BUFFER AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST OBTAINING NECESSARY VARIANCES AND PERMITS. THIS SITE DOES NOT HAVE STATE WATERS REQUIRING AN UNDISTURBED BUFFER. THIS SITE DOES NOT CONTAIN WETLANDS.
- THERE ARE BUFFER ENCROACHMENTS FOR THIS SITE. (ENTERING LAKE VIA EXISTING BOAT RAMP)
- ANY AMENDMENTS OR REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
- WASTE MATERIALS SHALL NOT BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY 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 CONTROL AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 7 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
- THIS PROJECT DOES NOT DISCHARGE WITHIN 1 LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED OF A BIOTA IMPAIRED STREAM SEGMENT.
- TMDL IMPLEMENTATION PLAN NOT APPLICABLE.
- CONCRETE WASHDOWN AT SITE PROHIBITED.
- SOIL CLEANUP AND CONTROL PRACTICES:

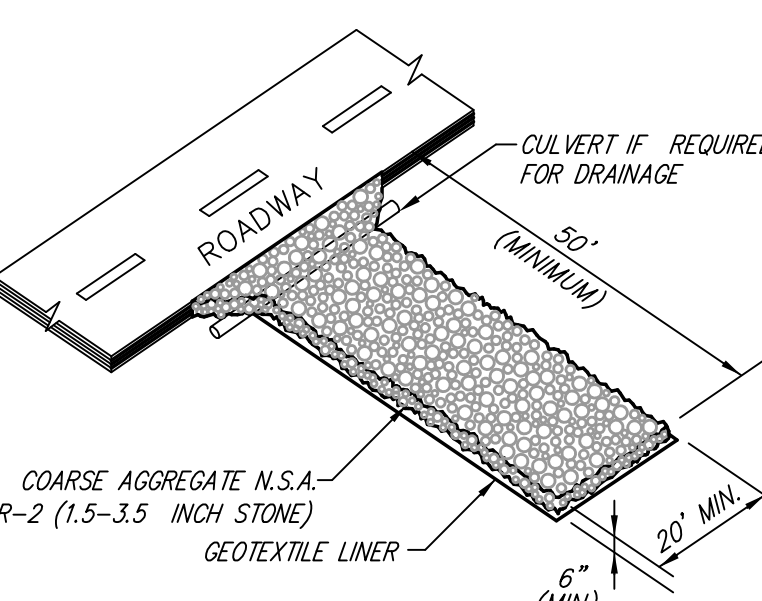
LOCAL, STATE AND MANUFACTURERS RECOMMENDED METHODS FOR SOIL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL. MATERIAL AND EQUIPMENT NECESSARY FOR SOIL CLEANUP WILL BE KEPT IN THIS MATERIAL STORAGE AREA. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO: BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST, AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS. SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE, AND FEDERAL REGULATIONS. FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED AS REQUIRED. THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN, IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ON SITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTER-MEASURES PLAN PREPARED BY THAT LICENSED ENGINEER.
- APPROPRIATE CONTROLS AND MEASURES WILL BE IMPLEMENTED ON THE CONSTRUCTION SITE TO CONTROL POLLUTANTS IN STORM WATER AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED.
- AT A MINIMUM, THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE PLASTIC SHEETING TO COVER BUILDING MATERIALS, CONSTRUCTION PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE, AND OTHER MATERIALS TO MINIMIZE EXPOSURE TO PRECIPITATION AND TO STORMWATER.
- EROSION AND SEDIMENT CONTROL:

INITIALLY, PERIMETER TYPE S SILT FENCE (Sd1), DISTURBED AREA STABILIZATION (Ds1) AND (Ds2), AND CONSTRUCTION EXITS (Co) WILL BE INSTALLED AS SHOWN ON THE ES&PC PLAN. TEMPORARY SEEDING (Ds2) SHALL TAKE PLACE FOR INTERMEDIATE STABILIZATION. THE FINAL PHASE WILL INCLUDE FINAL GRASSING (Ds3).

29. CONSTRUCTION SCHEDULE

ACTIVITY	WEEKS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CLEARING & GRUBBING																		
EROSION CONTROL INSTALLATION																		
EARTHWORK (CUT & FILL)																		
GRASSING (LIMIT EXPOSURE TO 7 DAYS)																		
STORM PIPE INSTALLATION																		
PAVING																		
FINISH GRADING																		
FINAL STABILIZATION																		

- INSPECTIONS
N/A
- SAMPLING FREQUENCY:
N/A
- REPORTING:
N/A
- RETENTION OF RECORDS:
N/A
- SAMPLING REQUIREMENTS:
N/A



- NOTES:**
- STONE SIZE: #3 STONE (1.5" - 3.5" DIA.)
 - PAD THICKNESS: 6" MIN.
 - MIN. SIZE 50' X 20'
 - IF NECESSARY INCLUDE WASHING.
 - MAY REQ. PERIODIC TOP DRESSING WITH #3 STONE.
 - MAINTAIN IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC ROADS.
 - A GEOTEXTILE UNDERLINING IS TO BE PROVIDED UNDER THE ENTIRE CONSTRUCTION EXIT.

TEMPORARY CONSTRUCTION EXIT
N.T.S.
Co

- N/A
- N/A
- SEE ES&PC PLANS
- SEE ES&PC PLANS
- N/A
- N/A
41. THERE ARE NO STATE WATERS OR WETLANDS LOCATED WITHIN 200' OF THE LIMITS OF CONSTRUCTION THAT REQUIRE AN UNDISTURBED BUFFER. SEE ES&PC PLANS.
- SEE ES&PC PLANS
- 43-45. N/A
- N/A
- N/A

SOIL CHARACTERISTICS					
SOIL SYMBOL	NAME	SLOPE	LIMITATIONS	PERMEABILITY	HYDRO SOIL GROUP
MuE2	MUSSELLA GRAVELLY CLAY LOAM	10-25%	WELL DRAINED	0.00-1.98	D

SOIL CHARACTERISTICS TAKEN FROM USDA WEB SOIL SURVEY

- SEE ES&PC PLANS
- SEE ES&PC PLANS
- SEE ES&PC PLANS
- SEE ES&PC PLANS

EROSION, SEDIMENTATION & POLLUTION CONTROL LEGEND

Bf	BUFFER ZONE	Dn1	TEMPORARY DOWNDRAIN STRUCTURE
Cs	COASTAL DUNE STABILIZATION	Dn2	TEMPORARY DOWNDRAIN STRUCTURE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	Fr	FILTER RING
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)	Gg	GABION
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)	Gr	GRADE STABILIZATION STRUCTURE
Ds4	DISTURBED AREA STABILIZATION (WITH SODDING)	Lv	LEVEL SPREADER
Du	DUST CONTROL ON DISTURBED AREAS	Rd	ROCK FILTER DAM
Ss	EROSION CONTROL MATTING AND BLANKETS	Re	RETAINING WALL
Pm	POLYACRYLAMIDE (PAM)	Rt	RETROFIT
Sb	STREAMBANK STABILIZATION (WITH PERMANENT VEGETATION)	Sd1	SEDIMENT BARRIER
Tb	TACKIFIERS AND BINDERS	Sd2	INLET SEDIMENT TRAP
Ch	CHECK DAM	Sd3	INLET SEDIMENT TRAP
Ca	HAYBALE CHECK DAM	Sd3	TEMPORARY SEDIMENT BASIN
Ch	CHANNEL STABILIZATION	Sr	TEMPORARY STREAM CROSSING
Cc	CONSTRUCTION EXIT	St	STORM DRAIN OUTLET PROTECTION
C	CONSTRUCTION ROAD STABILIZATION	Su	SURFACE ROUGHENING
Dc	STREAM DIVERSION CHANNEL	Tp	TOPSOILING
D	DIVERSION	W	VEGETATED WATERWAY OR STORMWATER CONVEYANCE CHANNEL

- VEGETATIVE PLAN
CONVENTIONAL SEEDING: (SLOPES DO NOT EXCEED 3:1); GRADE, SHAPE AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER IN DRY FORM WILL BE SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED, AND FIRMED. SEEDING WILL BE DONE WITH A CULTIPACKER-SEEDER, DRILL, ROTARY SEEDER, OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESHLY PREPARED SEEDBED AND COVERED LIGHTLY. WITHIN 24 HOURS AFTER SEEDING, STRAW OR HAY MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD WITH BLOWER-TYPE MULCH EQUIPMENT OR BY HAND AND ANCHORED IMMEDIATELY AFTER IT IS SPREAD. A DISK HARROW WITH THE DISKS SET STRAIGHT OR A SPECIAL PACKER DISK MAY BE USED TO PRESS THE MULCH INTO THE SOIL.

HYDRAULIC SEEDING: (SLOPES STEEPER THAN 3:1); WHEN HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS USED, NO GRADING AND SHAPING OR SEEDBED PREPARATION WILL BE REQUIRED. ALL SLURRY INGREDIENTS MUST BE COMBINED TO FORM A HOMOGENEOUS MIXTURE AND SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER MIXTURE IS MADE. STRAW OF HAY MULCH AND ASPHALT EMULSION WILL BE APPLIED WITH BLOWER-TYPE MULCH SPREADING EQUIPMENT WITHIN 24 HOURS AFTER SEEDING. THE MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA LEAVING ABOUT 25% OF THE GROUND SURFACE.

PER ACRE APPLICATION RATES:

A) SEEDING WITH MULCH:	
FERTILIZER (6-12-12)	1500 LBS/ACRE
AGRICULTURAL LIMESTONE #75	4000 LBS/ACRE
MULCH (STRAW OR HAY)	5000 LBS/ACRE
OR WOOD CELLULOSE FIBER MULCH	500 LBS/ACRE
SEED SELECTION PER SEEDING SCHEDULE	
B) TOP DRESSING:	
APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL:	
FERTILIZER (AMMONIUM NITRATE 33.5%)	600 LBS/ACRE
C) SECOND YEAR FERTILIZATION:	
5-10-15 OR EQUIVALENT	1500 LBS/ACRE

SEEDING SCHEDULE:

SEED SPECIES	APPLICATION RATE/ACRE	PLANTING DATES
SERICEA LESPEDEZA, SCARIFIED	60 LBS	3/1 - 6/15
WEeping LOVEGRASS OR COMMON BERMOUDA, HULLED	4 LBS	3/1 - 6/15
10 LBS	3/1 - 6/15	
UNHULLED COMMON BERMOUDA	20 LBS	3/1 - 6/15
FESCUE	50 LBS	9/1 - 10/31
RYE GRASS	40 LBS	11/1 - 2/28
HAY MULCH FOR TEMPORARY COVER	5000 LBS	6/15 - 8/31

CRITICAL AREA VEGETATIVE PLAN

GENERAL: THIS VEGETATIVE PLAN WILL BE CARRIED OUT ON ROAD CUT AND FILL SLOPES, SHOULDERS AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGES FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.

SOIL CONDITIONS: DUE TO GRADING AND CONSTRUCTION, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATA. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIAL ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

TREATMENT SPECIFICATIONS

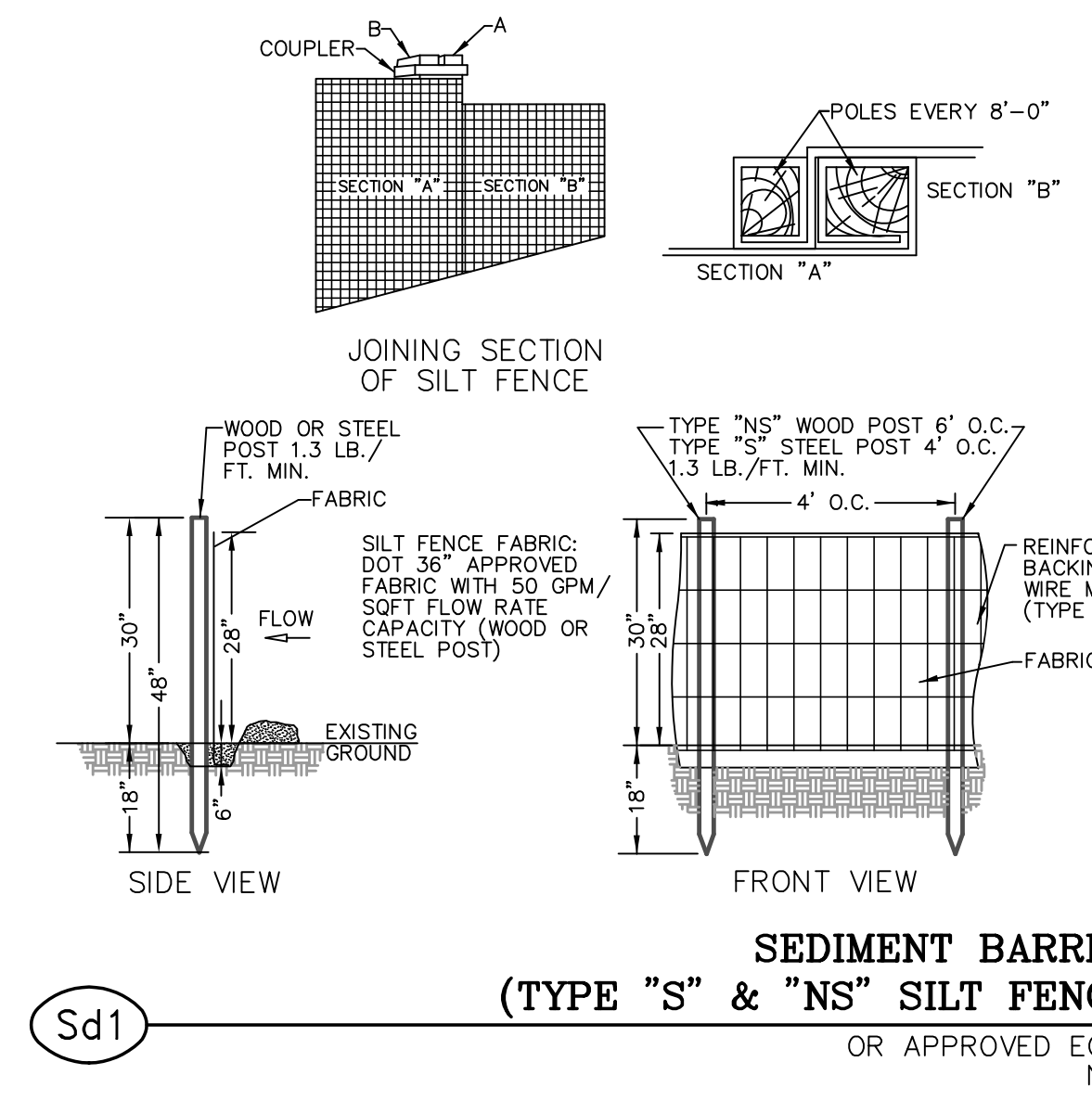
CONVENTIONAL SEEDING EQUIPMENT: GRADE, SHAPE AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER IN DRY FORM WILL BE SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED AND FIRMED. SEEDING WILL BE DONE WITH CULTIPACKER-SEEDER, DRILL, ROTARY SEEDER OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD WITH BLOWER-TYPE MULCH EQUIPMENT OR BY HAND AND ANCHORED IMMEDIATELY AFTER IT IS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT OR A SPECIAL PACKER DISK MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:

SEED SPECIES

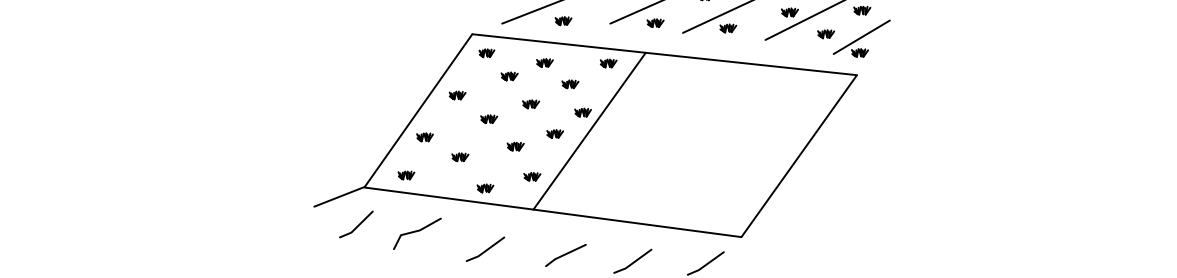
SEED SPECIES	APPLICATION RATE/ACRES	PLANTING DATES
HULLED COMMON BERMOUDAGRASS	10 LBS	3/1 - 6/15
FESCUE	50 LBS	9/1 - 10/31
FESCUE	50 LBS	11/1 - 2/28
RYE	50 LBS	11/1 - 2/28
HAY MULCH FOR TEMPORARY COVER	5000 LBS	6/15 - 8/3

B. TOPDRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL
FERTILIZER (AMMONIUM NITRATE 33.5%) 300 LBS/ACRE

C. SECOND-YEAR FERTILIZER: (5-10-15 OR EQUIVALENT) 800 LBS/ACRE



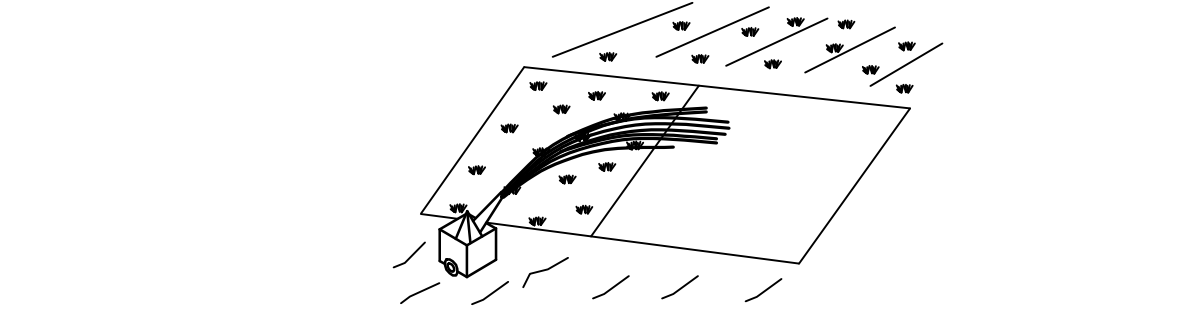
SEDIMENT BARRIER
(TYPE "S" & "NS" SILT FENCE)
OR APPROVED EQUAL
N.T.S.



MULCHING APPLICATION REQUIREMENTS

MATERIAL	RATE	DEPTH
STRAW OR HAY	2 1/2 TON/ACRE	6" - 10"
WOOD WASTE, CHIPS, SAWDUST, BARK	6 TO 9 TON/ACRE	2" - 3"
CUTBACK ASPHALT	PER GEOTECH'S RECOMMENDATIONS	-
POLYETHYLENE FILM	SECURE W/ SOIL ANCHORS, WEIGHTS	-
GEOTEXTILES, JUTE MATTING, NETTING, ETC.	PER MANUFACTURER'S RECOMMENDATIONS	-

Ds1 DISTURBED AREA STABILIZATION
MULCHING ONLY
N.T.S.

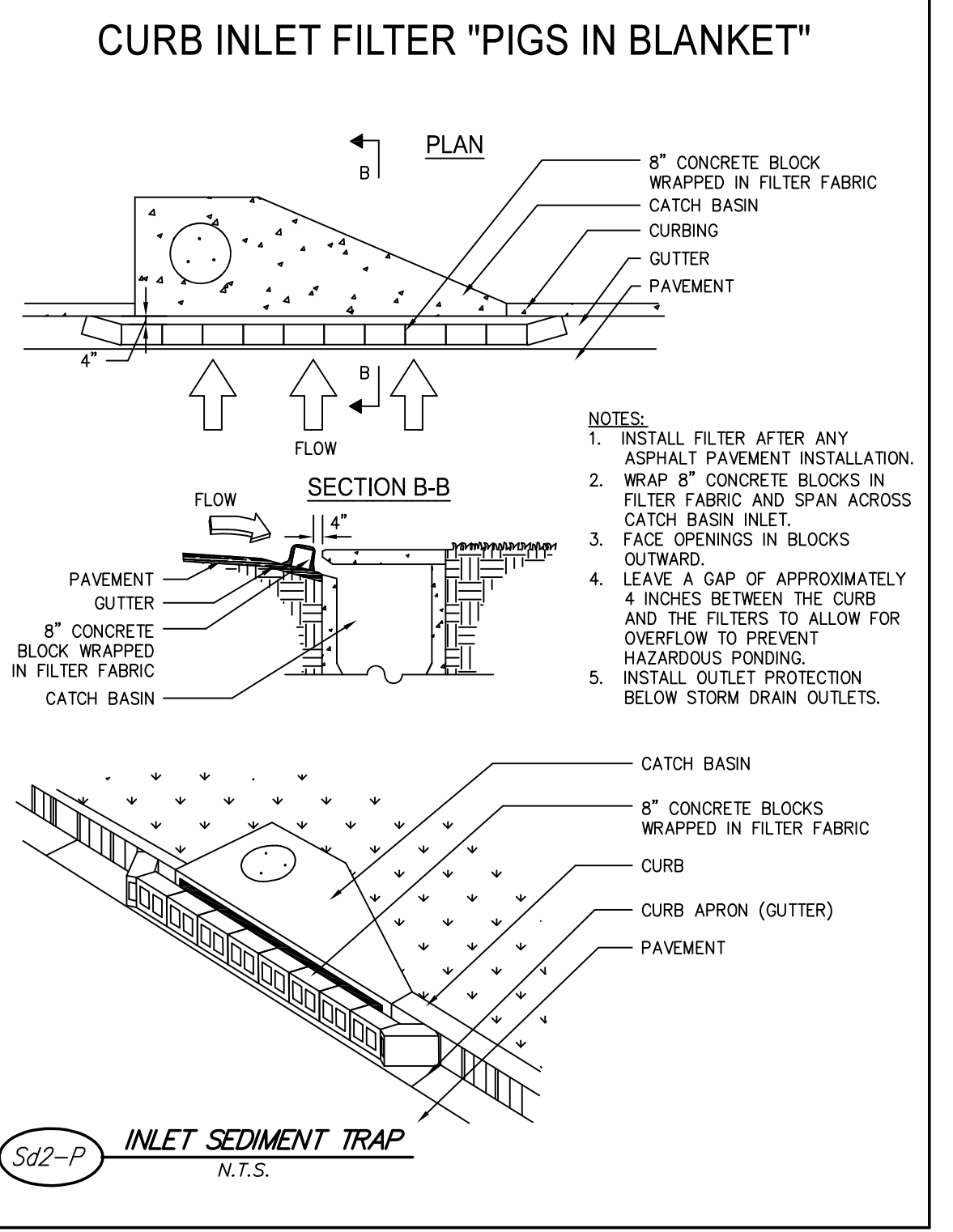
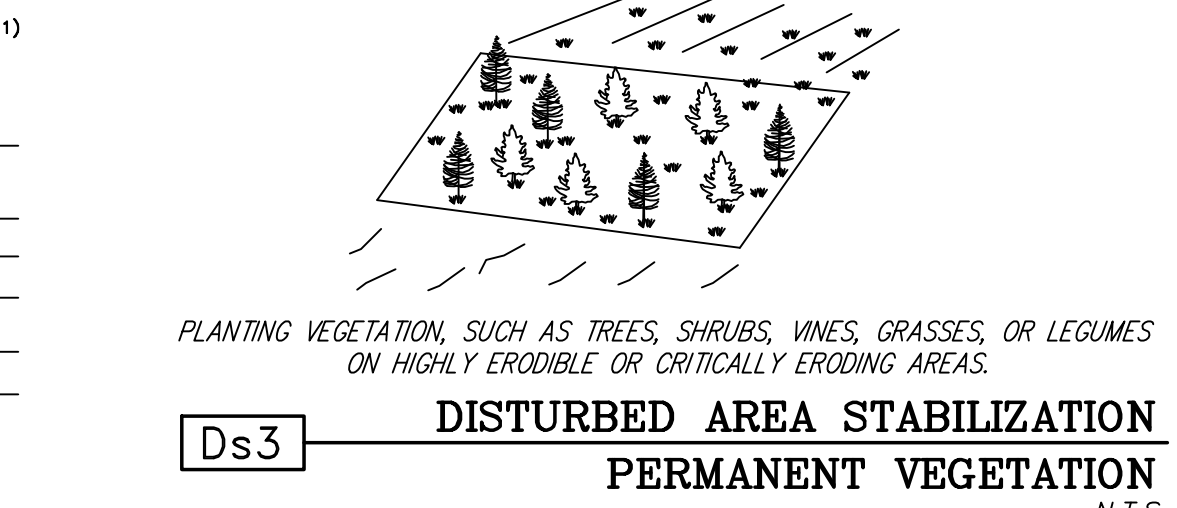


Ds2 DISTURBED AREA STABILIZATION
TEMPORARY SEEDING
N.T.S.

MULCHING APPLICATION REQUIREMENTS

TYPES OF SPECIES	PLANTING YEAR	FERTILIZER (N-P-K)	RATE (LBS./ACRE)	N TOP DRESSING RATE (LBS./ACRE)
COOL SEASON GRASSES	FIRST MAINTENANCE	6-12-12	1500	50-100
	SECOND MAINTENANCE	6-12-12	1000	30
	THIRD MAINTENANCE	10-10-10	400	-
COOL SEASON GRASSES & LEGUMES	FIRST MAINTENANCE	6-12-12	1500	0-50
	SECOND MAINTENANCE	6-12-12	1000	-
	THIRD MAINTENANCE	10-10-10	400	-
TEMPORARY COVER CROPS SEEDING ALONE	FIRST	10-10-10	500	30
WARM SEASON GRASSES	FIRST MAINTENANCE	6-12-12	1500	50-100
	SECOND MAINTENANCE	6-12-12	800	50-100
	THIRD MAINTENANCE	10-10-10	400	30

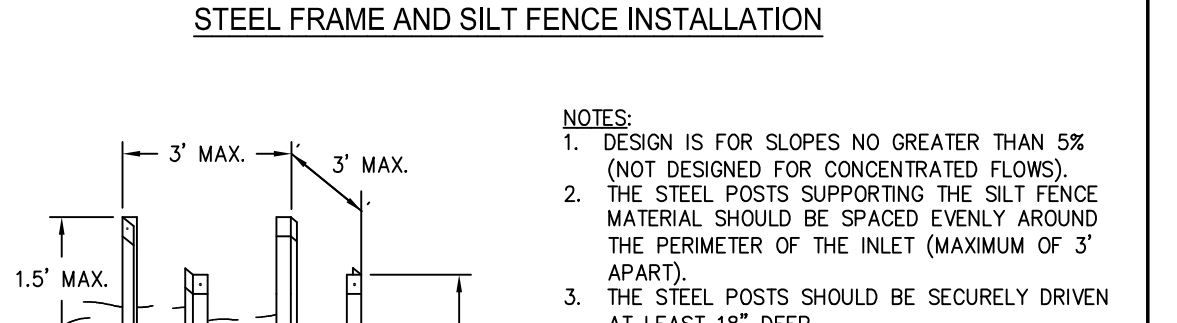
Ds3 DISTURBED AREA STABILIZATION
PERMANENT VEGETATION
N.T.S.



CURB INLET FILTER "PIGS IN BLANKET"

NOTES:

- INSTALL FILTER AFTER ANY ASPHALT PAVEMENT INSTALLATION.
- WRAP 8" CONCRETE BLOCKS IN FILTER FABRIC AND SPAN ACROSS CATCH BASIN INLET.
- FACE OPENINGS IN BLOCKS OUTWARD.
- LEAVE A GAP OF APPROXIMATELY 4 INCHES BETWEEN THE CURB AND THE FILTERS TO ALLOW FOR OVERFLOW TO PREVENT HAZARDOUS PONDING.
- INSTALL OUTLET PROTECTION BELOW STORM DRAIN OUTLETS.

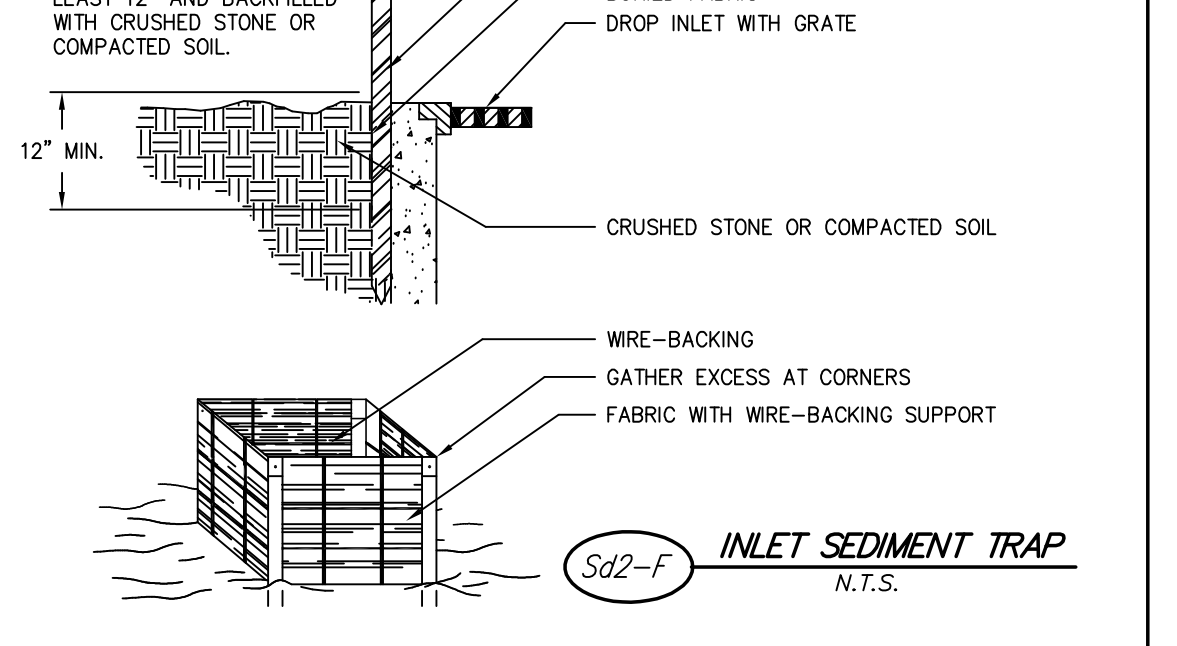


FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION

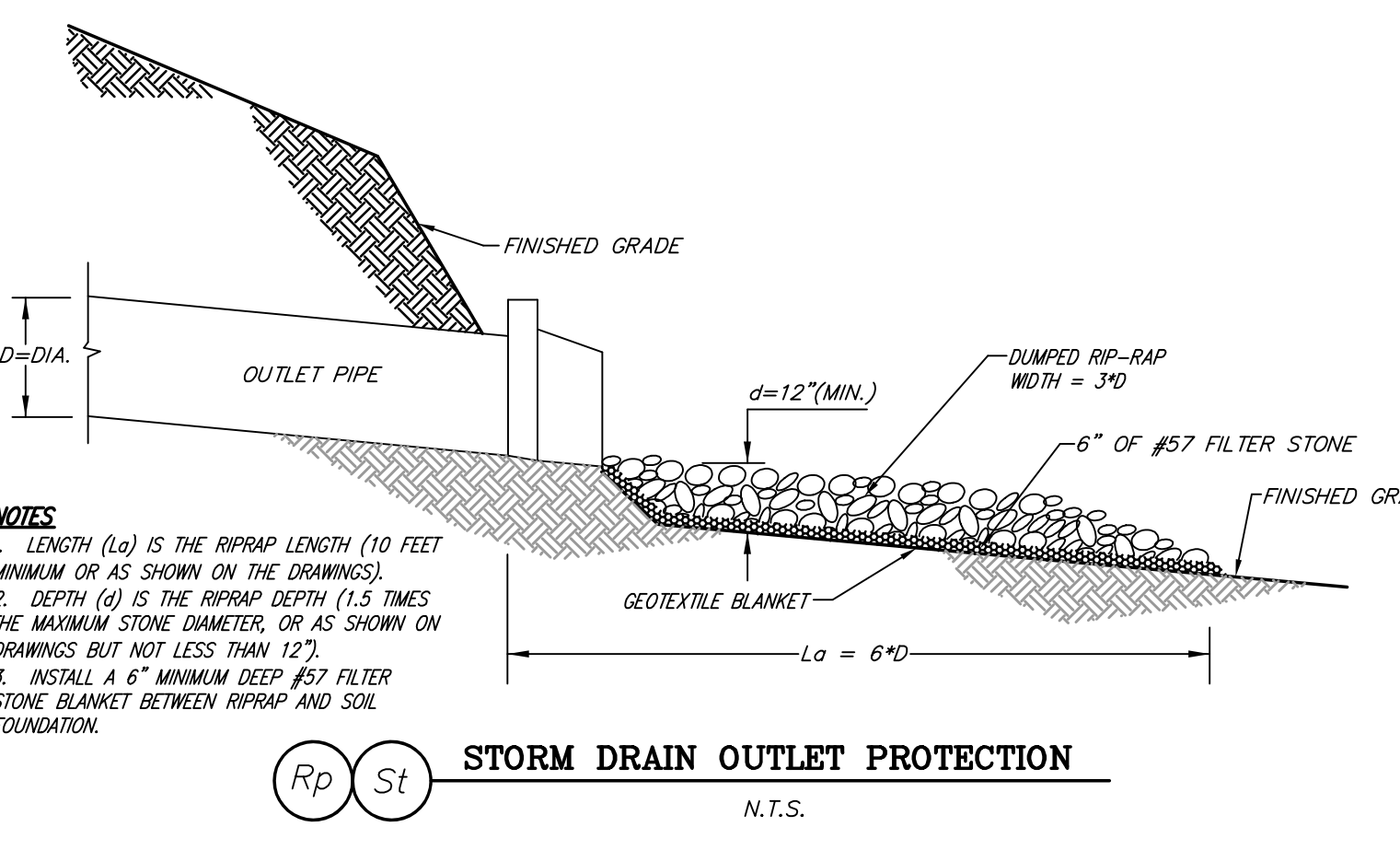
STEEL FRAME AND SILT FENCE INSTALLATION

NOTES:

- DESIGN IS FOR SLOPES NO GREATER THAN 5% (NOT DESIGNED FOR CONCENTRATED FLOWS).
- THE STEEL POSTS SUPPORTING THE SILT FENCE MATERIAL SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET (MAXIMUM OF 3' APART).
- THE STEEL POSTS SHOULD BE SECURELY DRIVEN AT LEAST 18" DEEP.
- THE FABRIC SHOULD BE ENTRENCHED AT LEAST 12" AND THEN BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.



Sd2-P INLET SEDIMENT TRAP
N.T.S.



STORM DRAIN OUTLET PROTECTION
N.T.S.

NOTES:

- LENGTH (L) IS THE RIPRAP LENGTH (10 FEET MINIMUM OR AS SHOWN ON THE DRAWINGS).
- DEPTH (d) IS THE RIPRAP DEPTH (1.5 TIMES THE MAXIMUM STONE DIAMETER, OR AS SHOWN ON DRAWINGS BUT NOT LESS THAN 12").
- INSTALL A 6" MINIMUM DEEP #57 FILTER STONE BLANKET BETWEEN RIPRAP AND SOIL FOUNDATION.

DES DAVIS
ENGINEERING & SURVEYING
133 PROMINENCE COURT
SUITE 210
DAWSONVILLE, GA 30534
PHONE: (706) 265-1234
DAVISENGINEERS.COM

REGISTERED PROFESSIONAL ENGINEER
No. 034135
JASON K. DAVIS
9/14/21

REVISION	DATE	DESCRIPTION
1	9/9/21	UPDATED WITH 2' LEVEL & OVERLAY
2	9/14/21	STORM REPROFILE

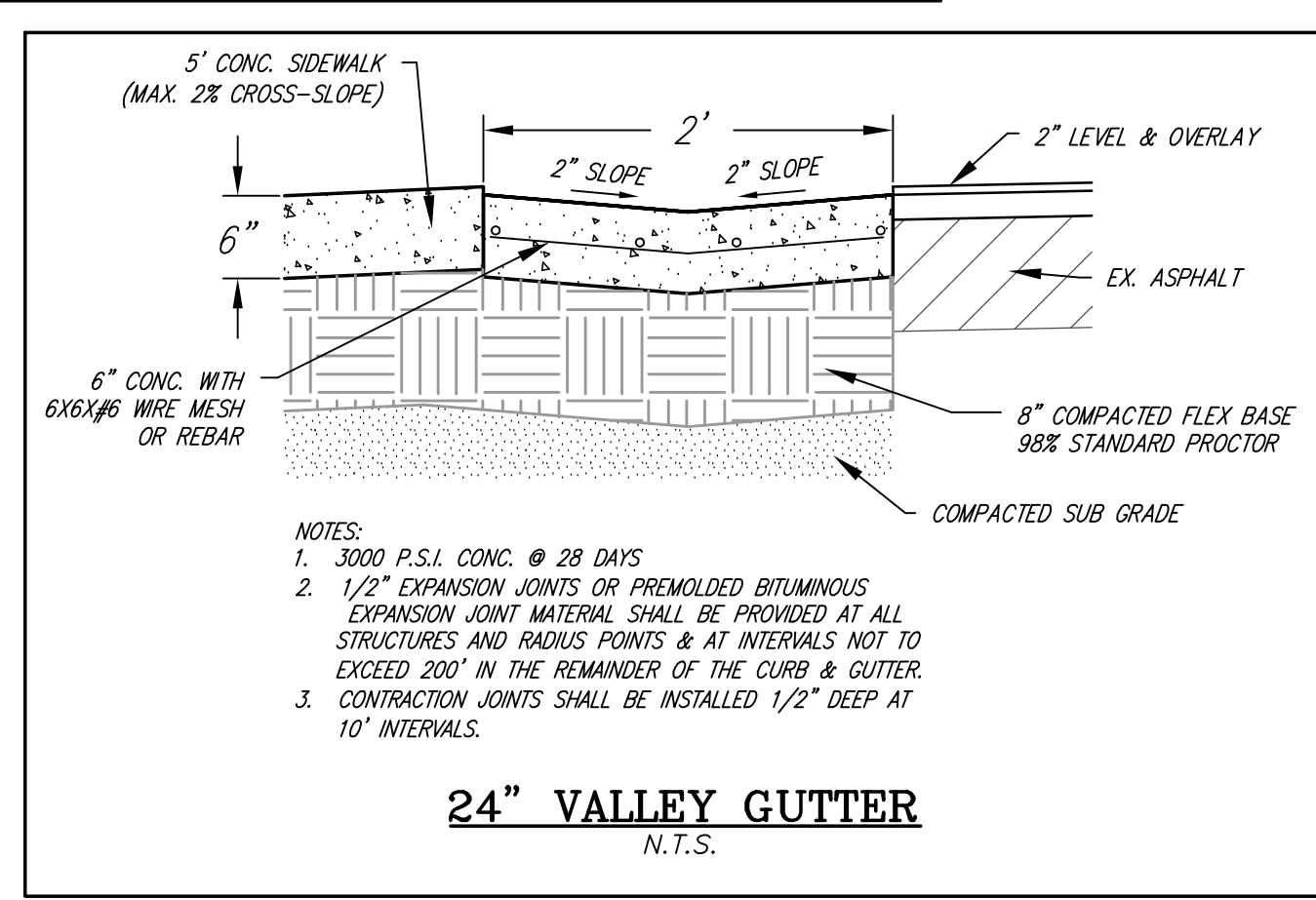
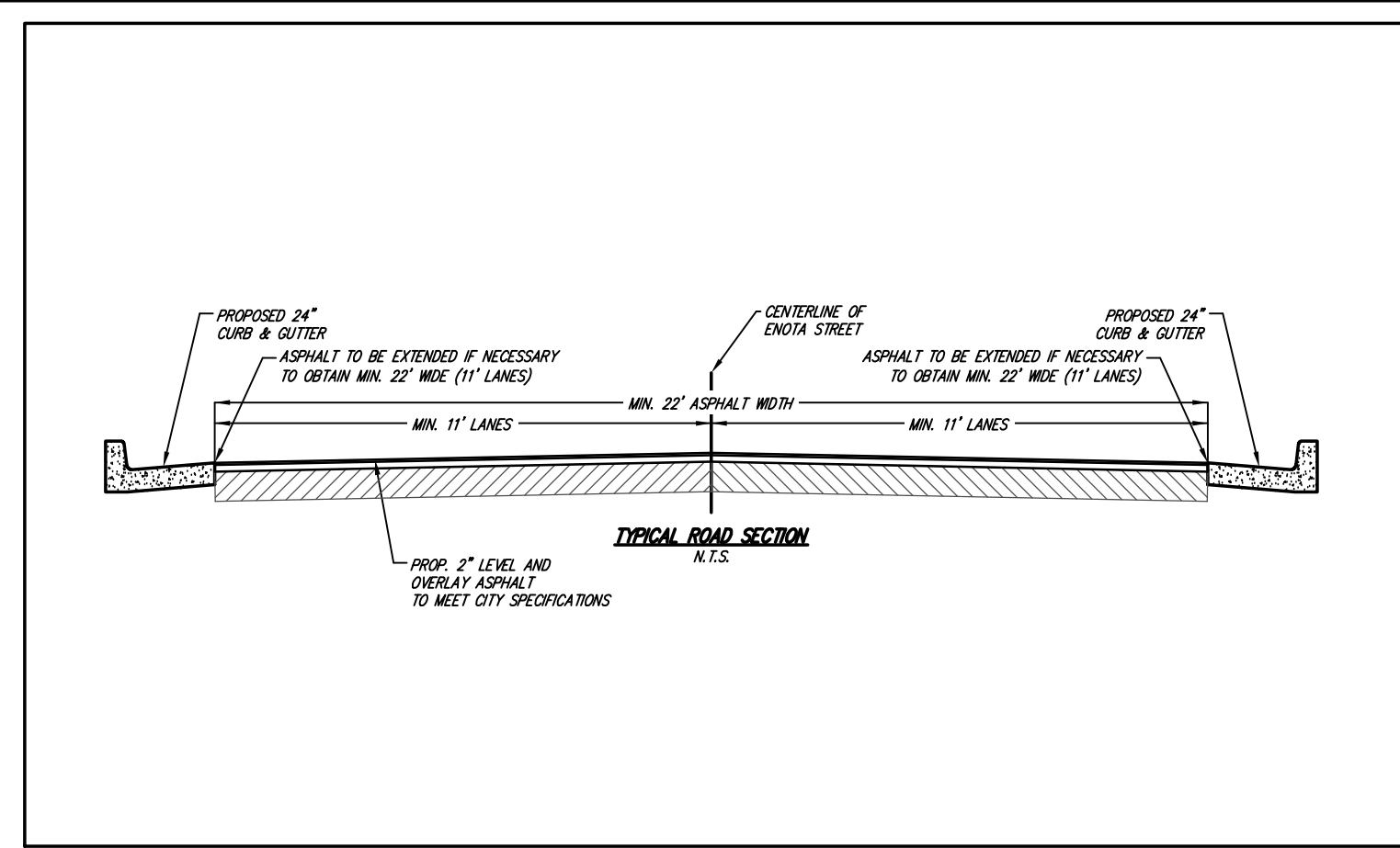
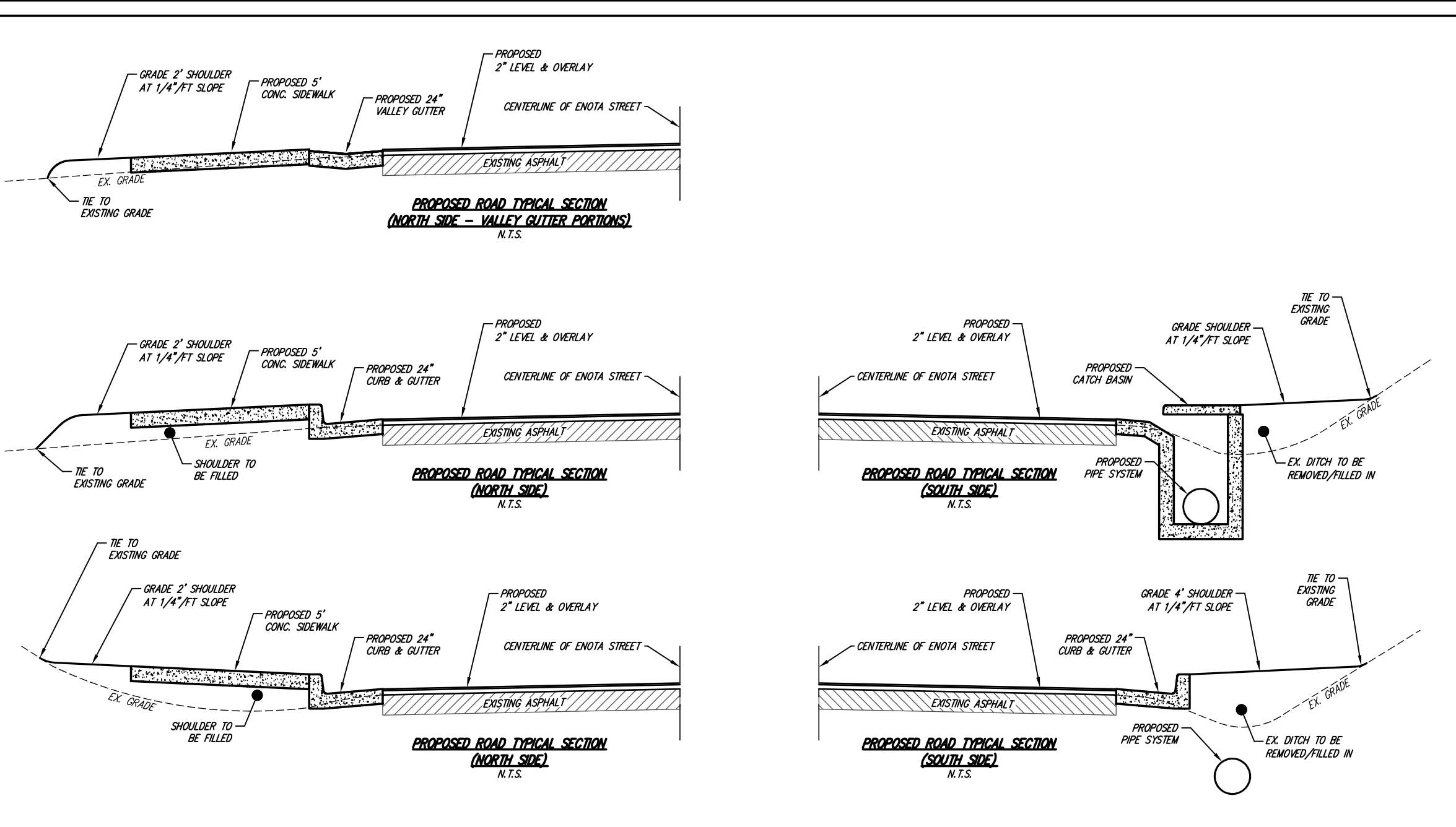
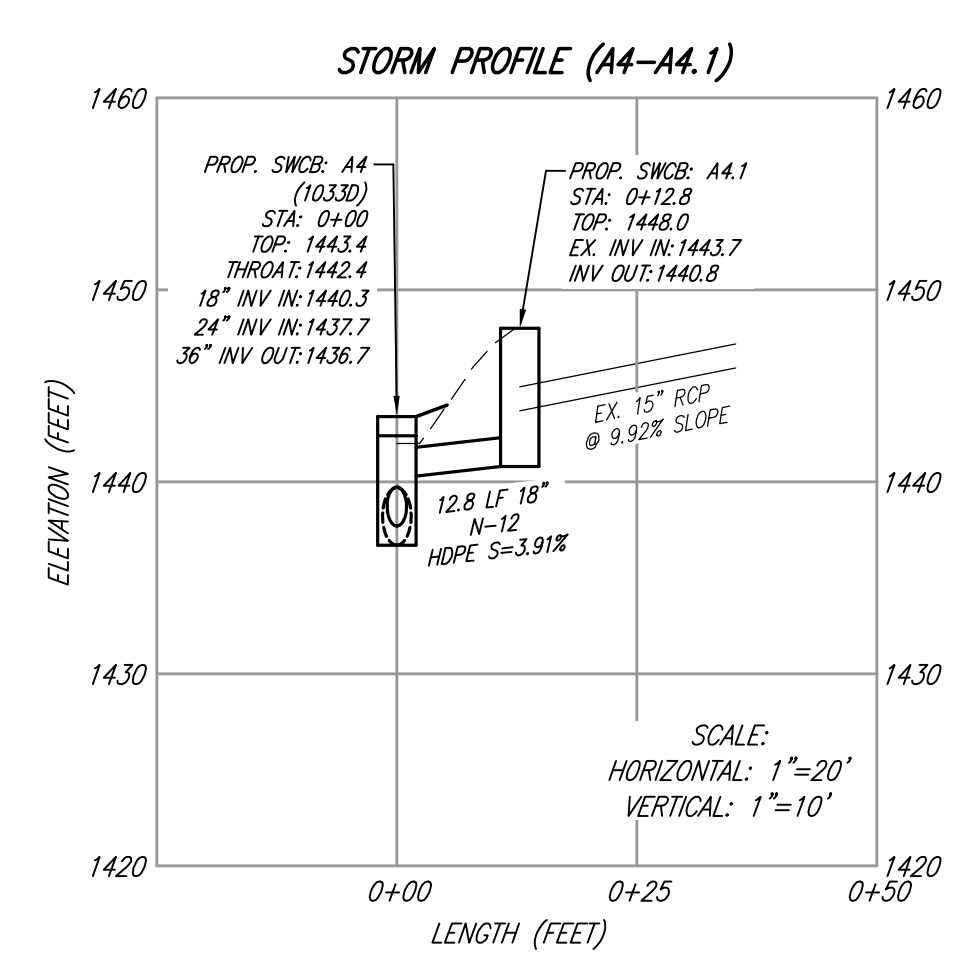
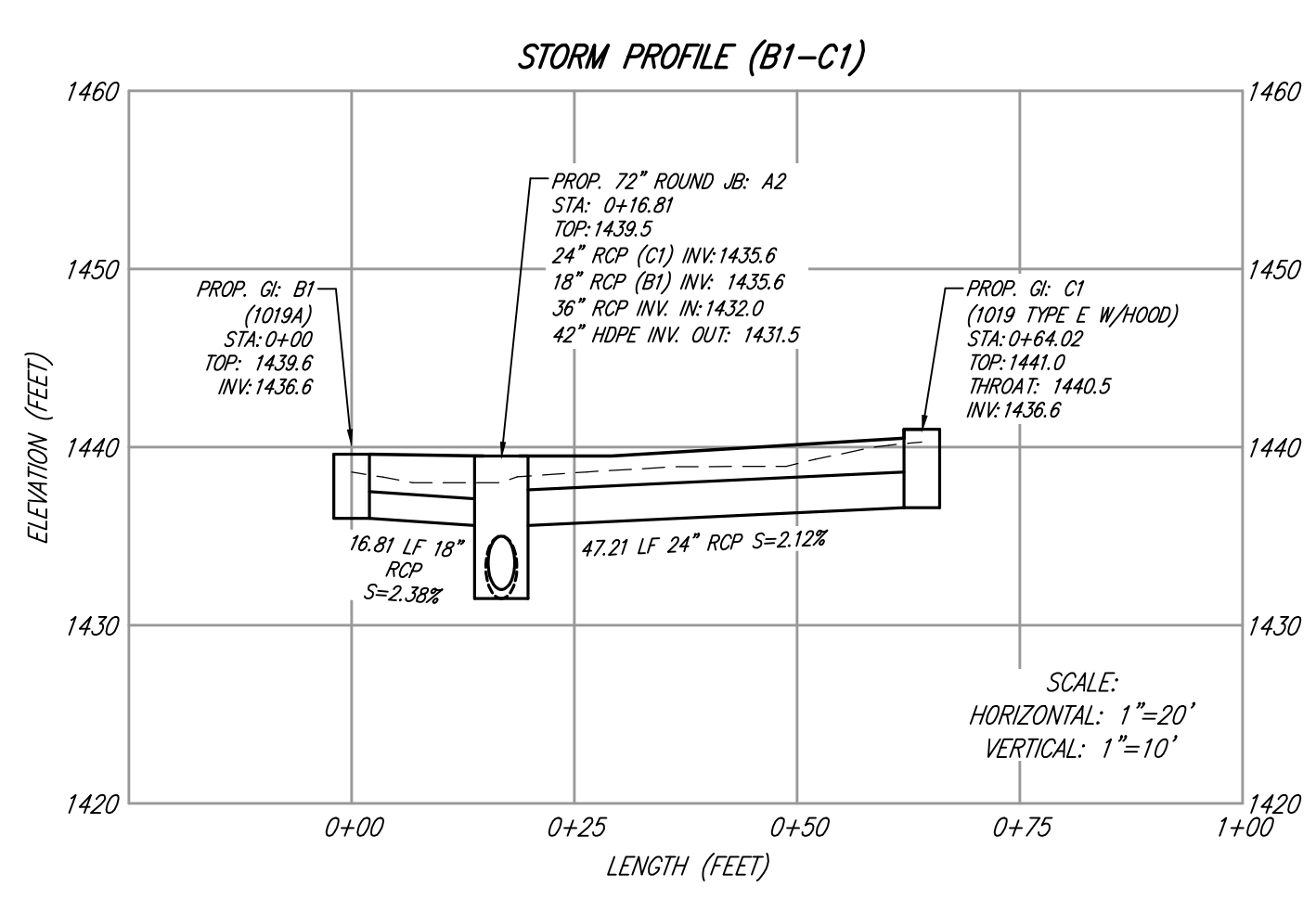
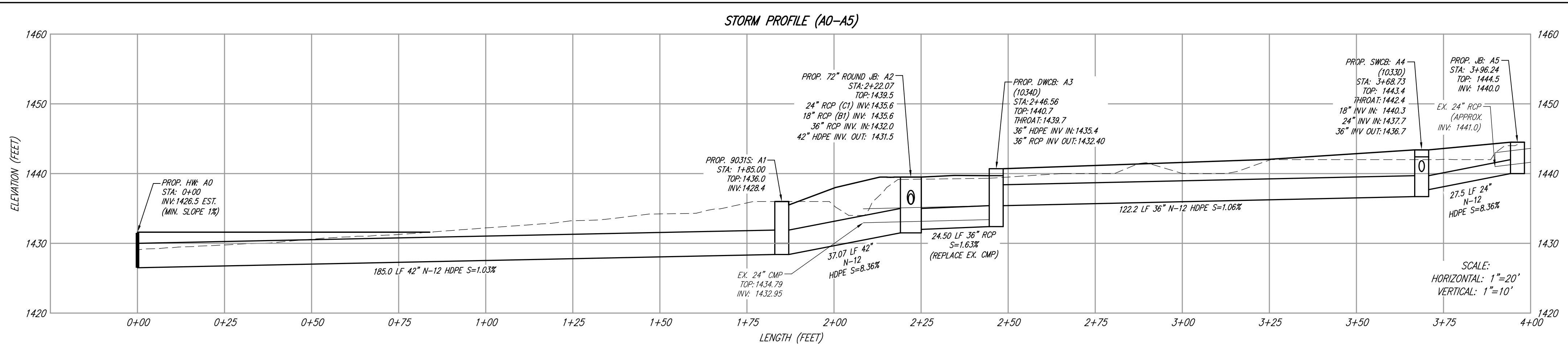
ES&PC NOTES & DETAILS
ENOTA DRIVE IMPROVEMENTS
LAND LOT 984
12TH DISTRICT, 1ST SECTION
CITY OF DAHLONEGA, GA

DRAWN BY: GRJ
CHECKED BY: JKD
LAND LOT: 984
DISTRICT: 12TH
SECTION: 1ST
CITY: DAHLONEGA
COUNTY: LUMPKIN
DATE: 7/20/21

SHEET NO.
6 OF 8
PROJECT NO.
2021-065

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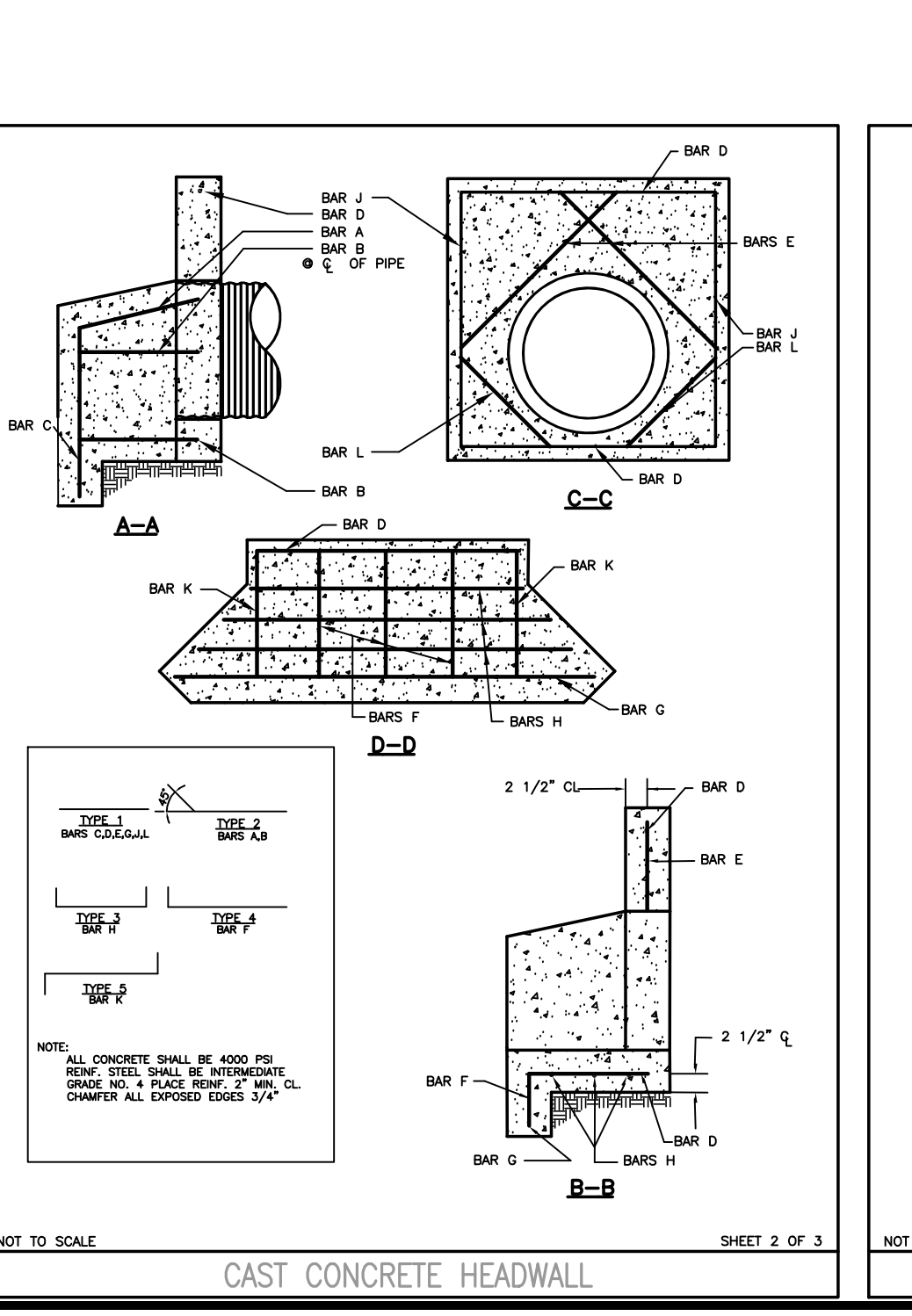
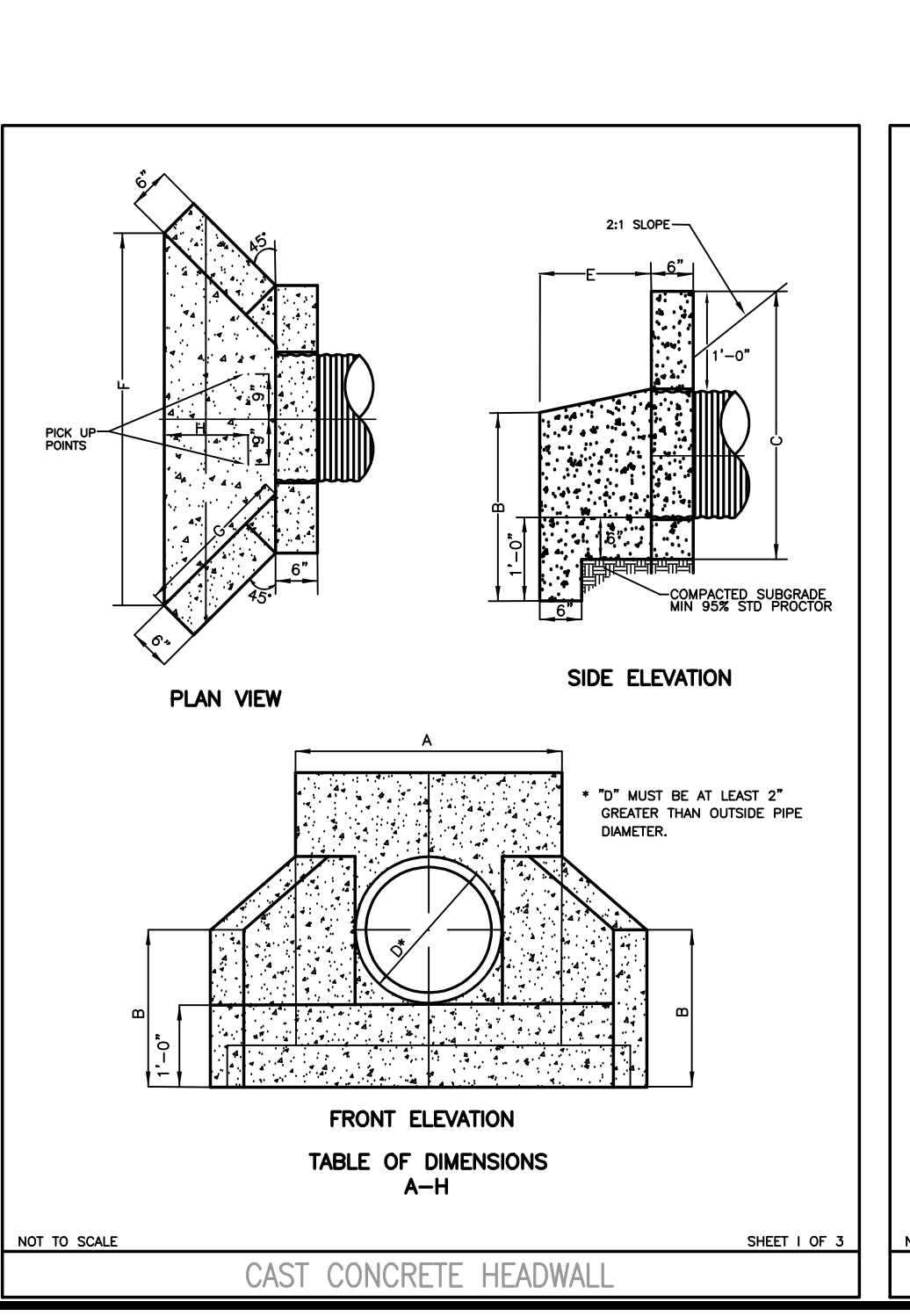
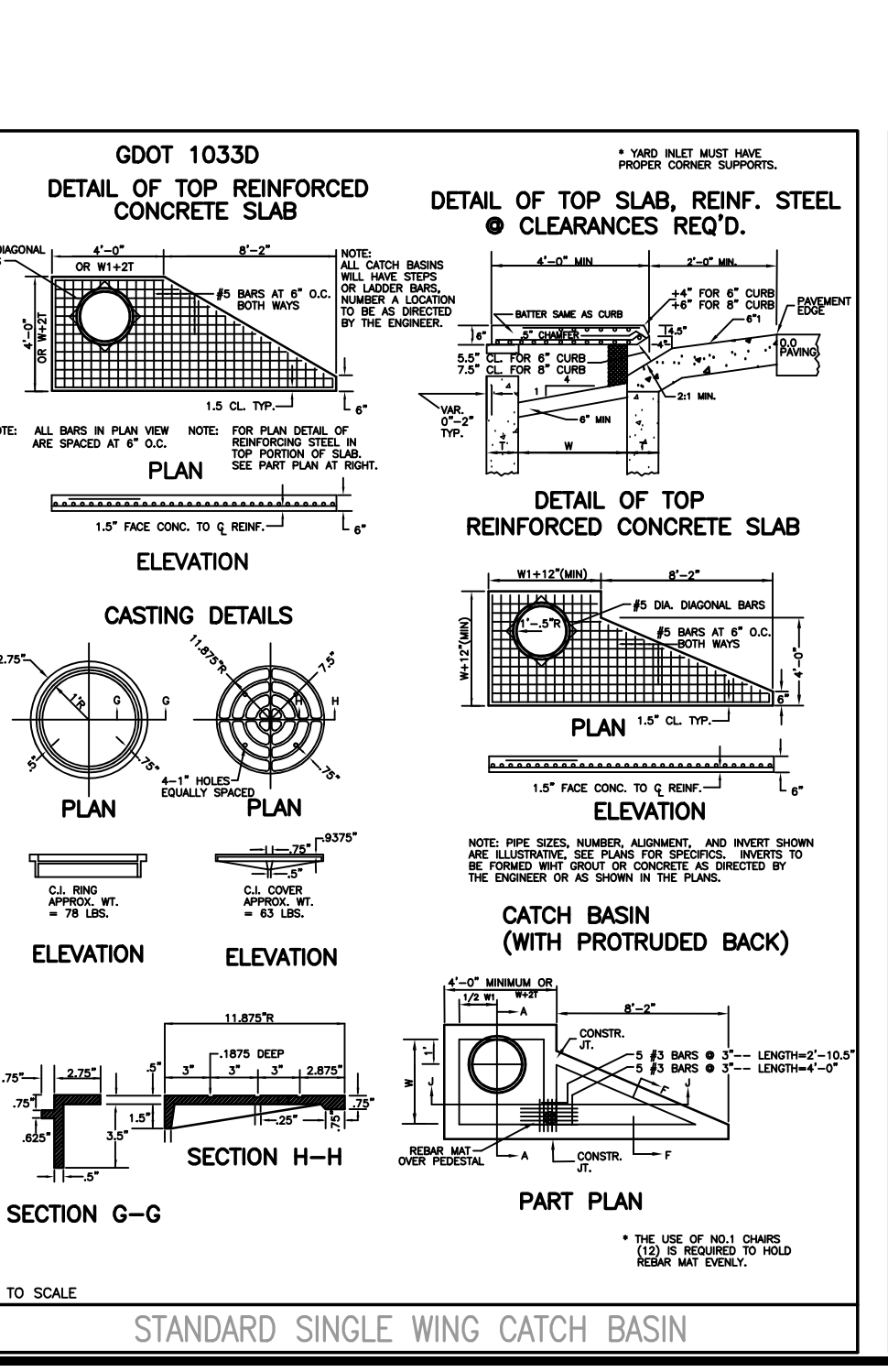
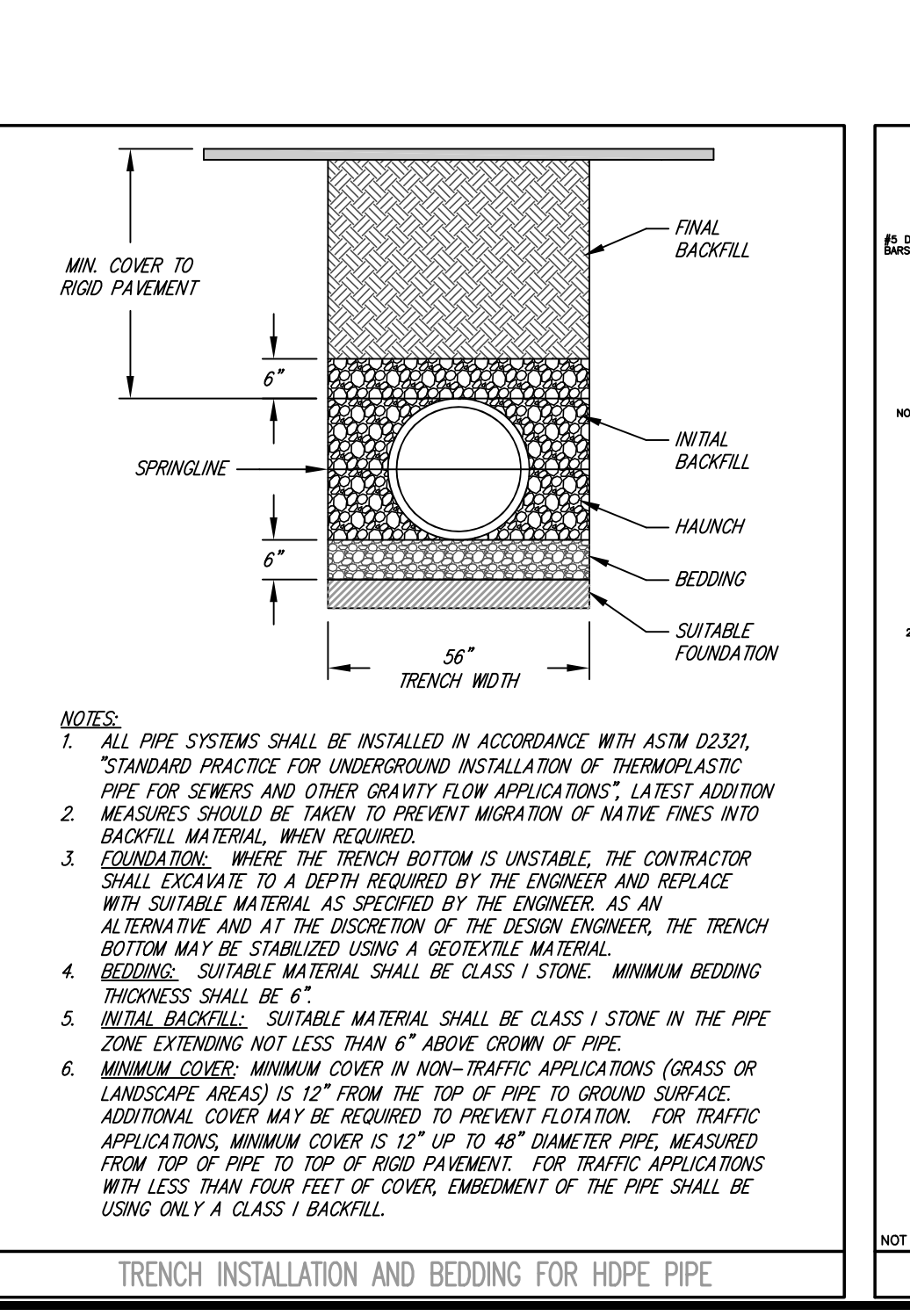
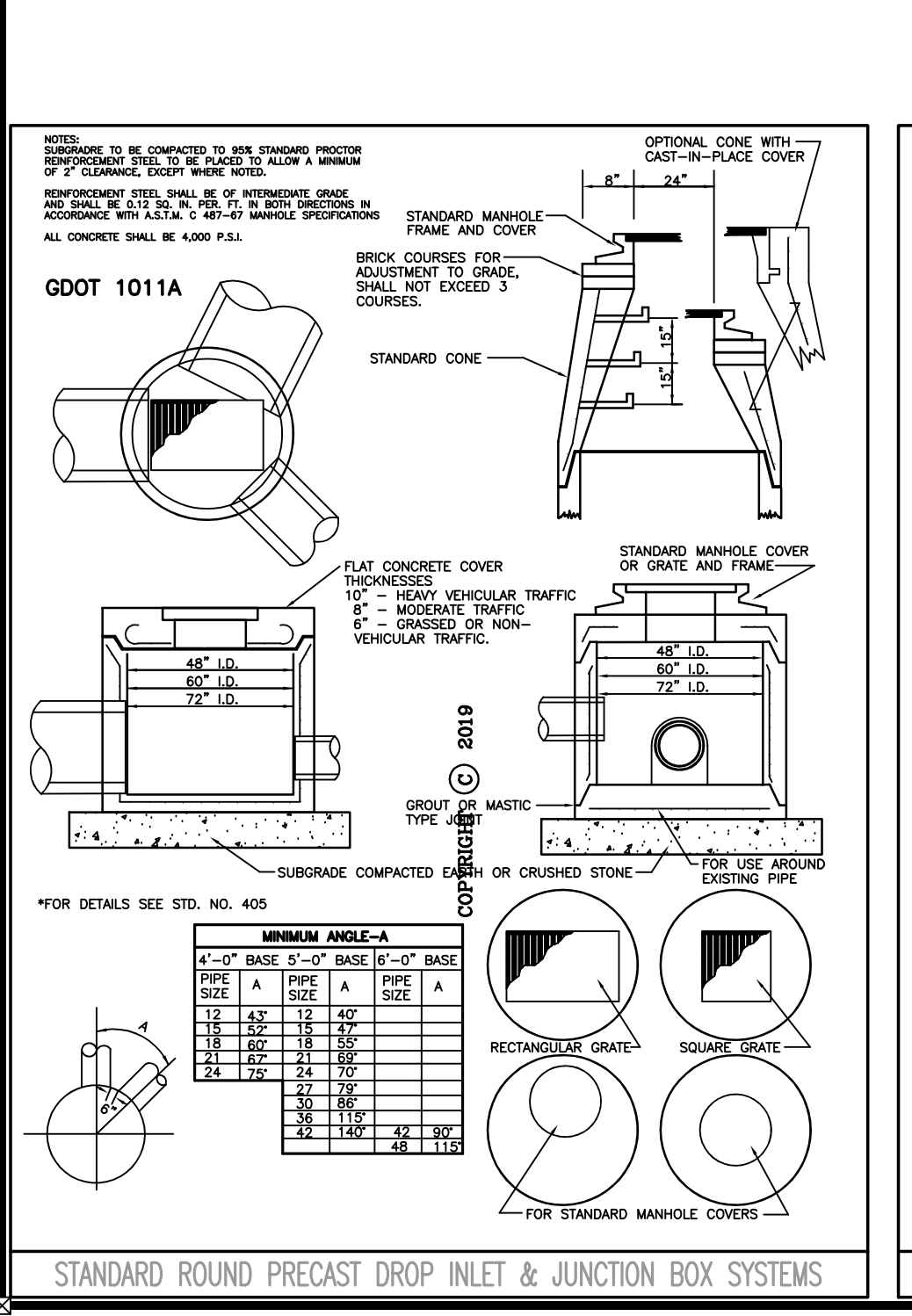
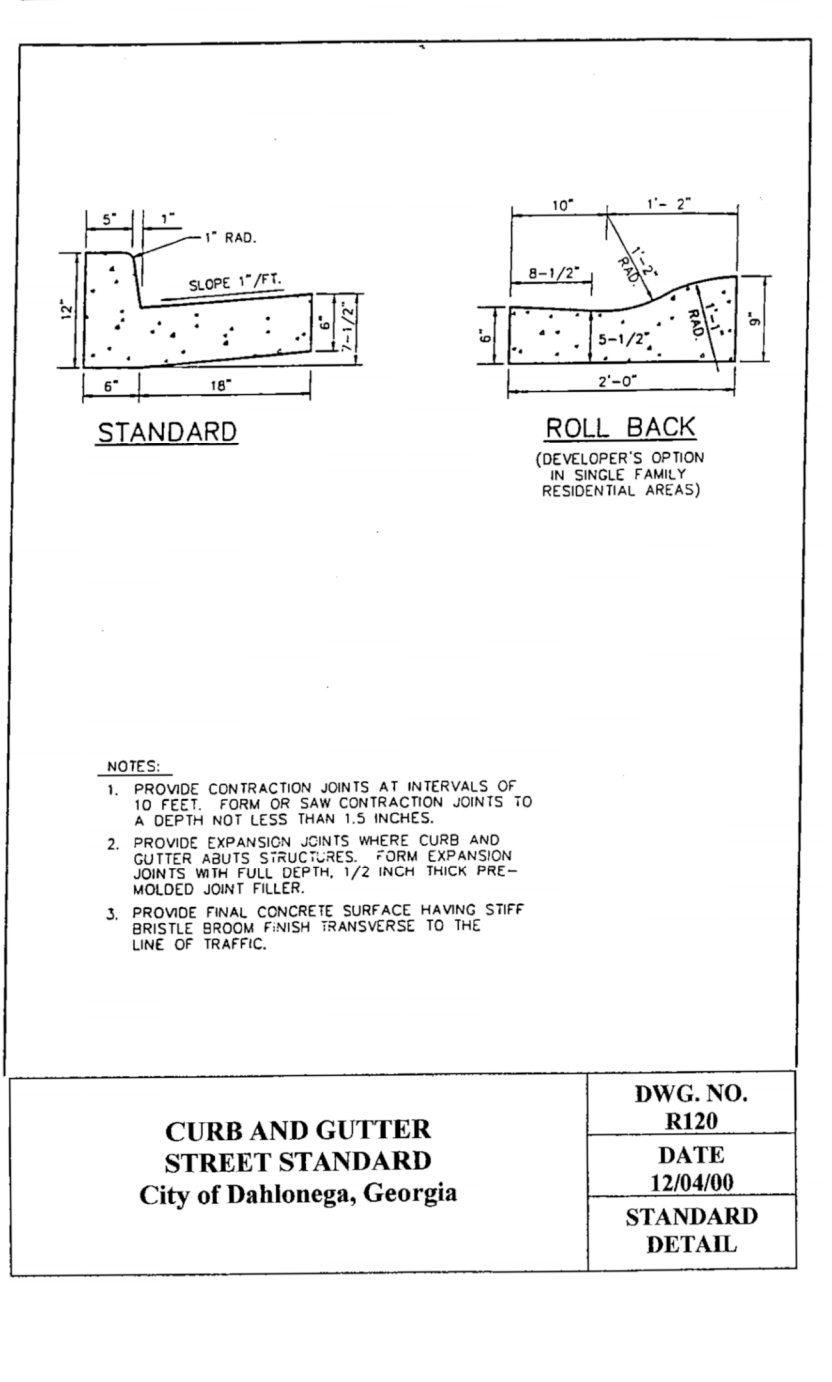
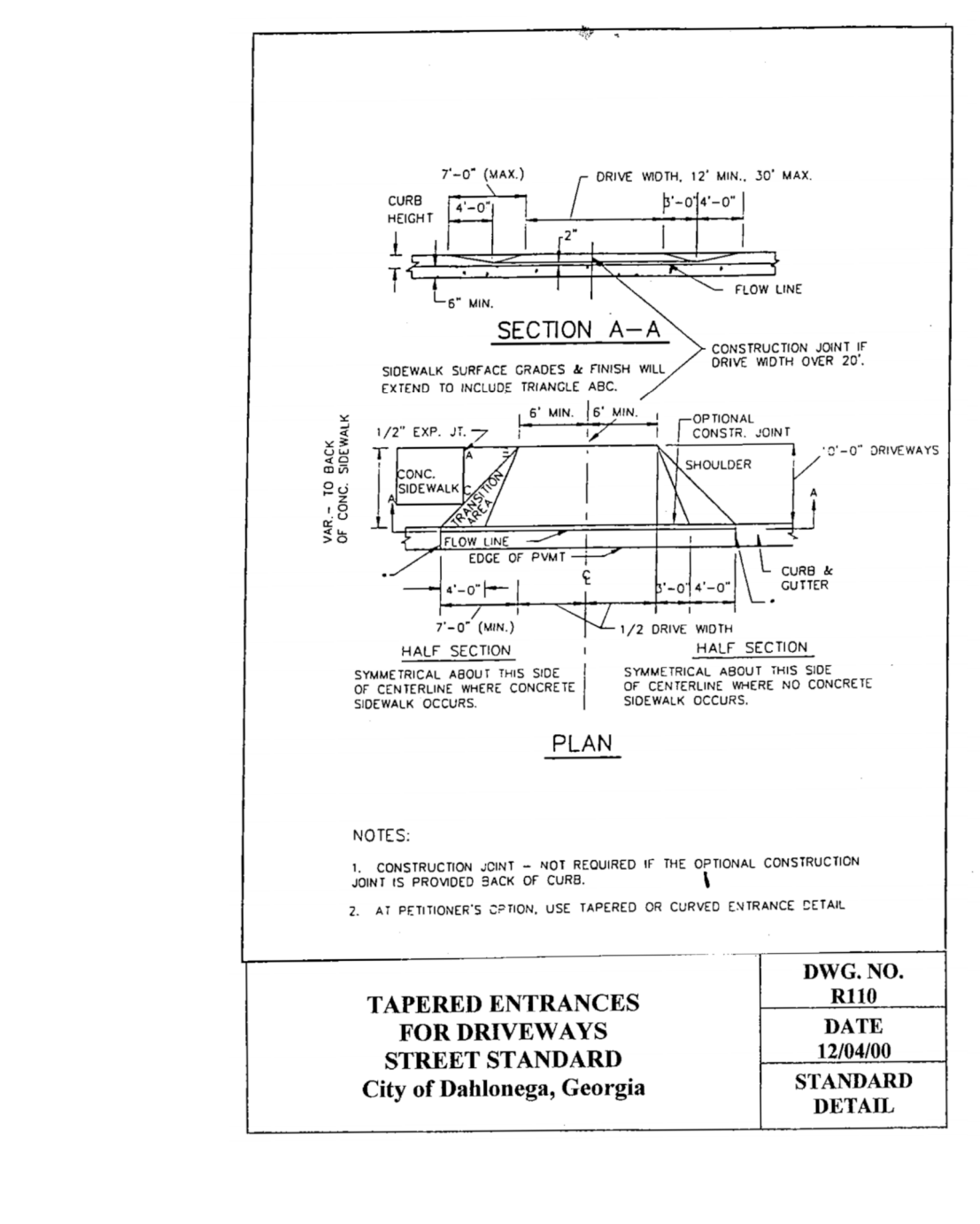
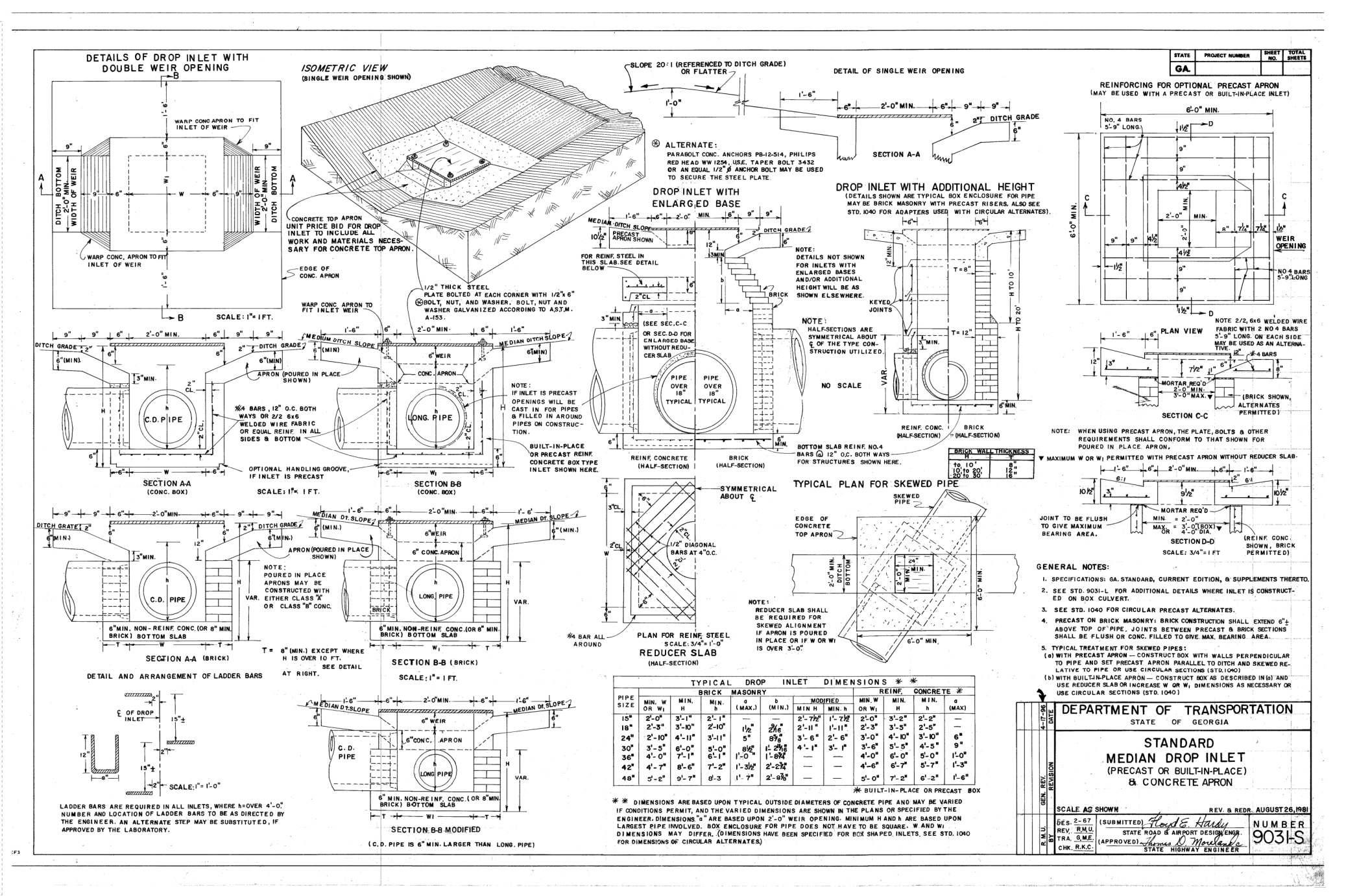
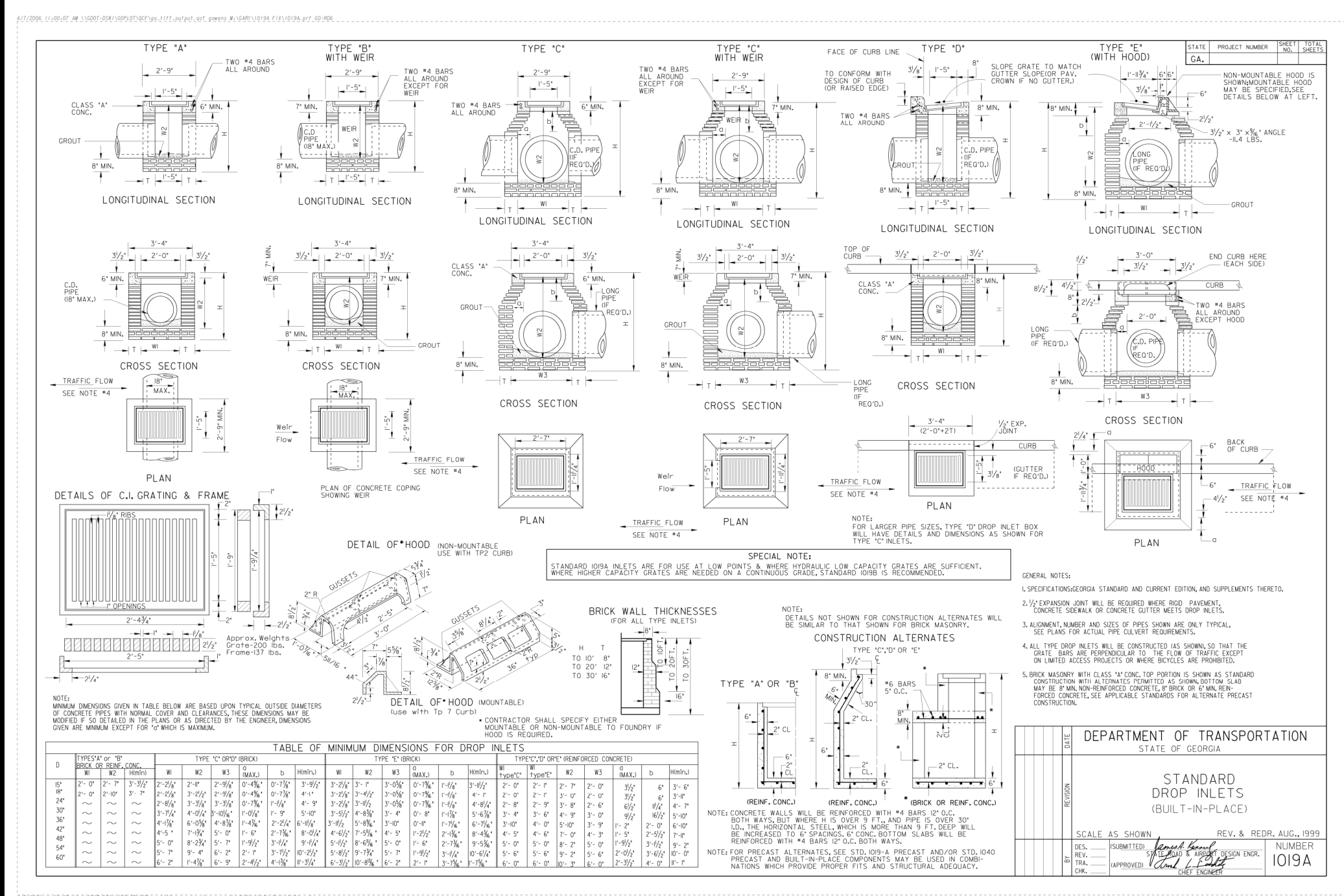
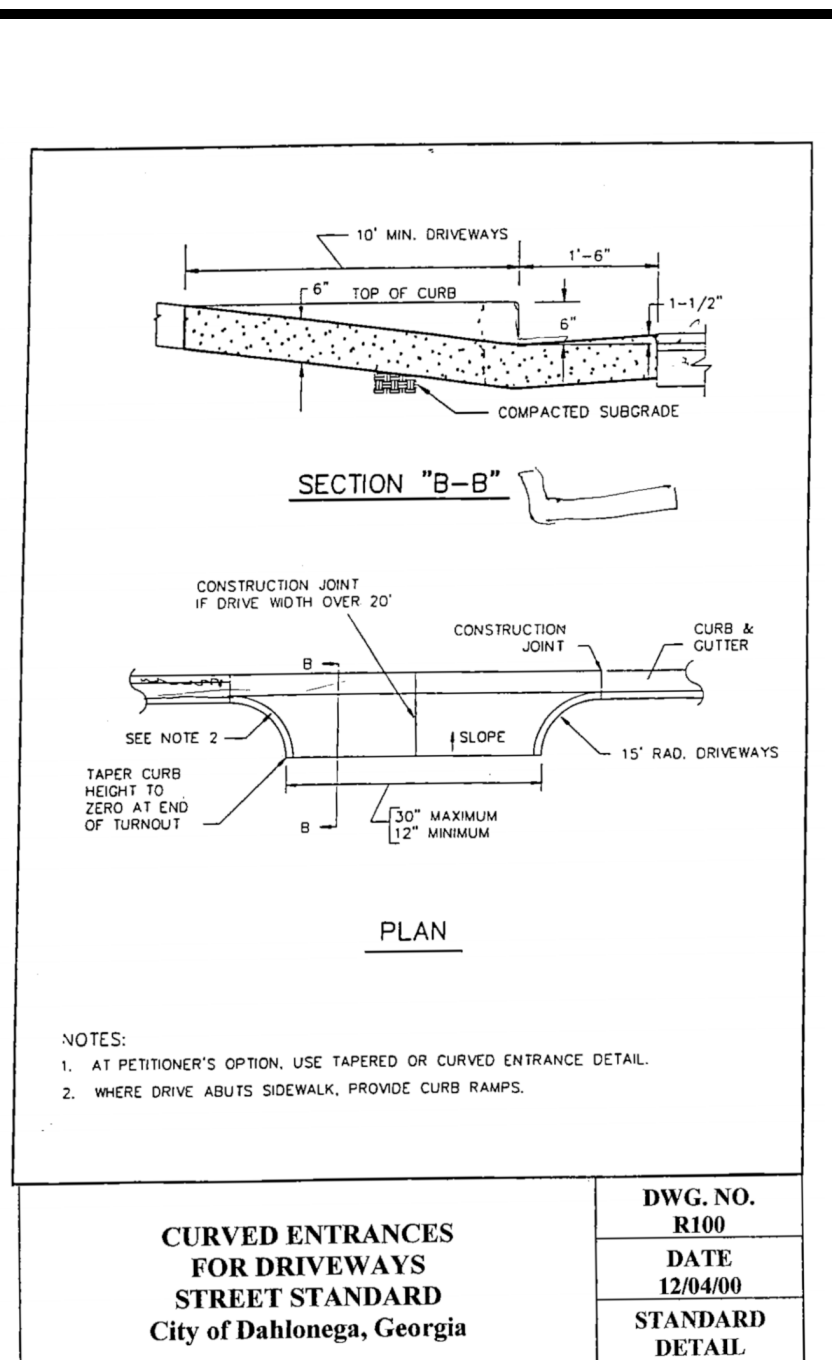
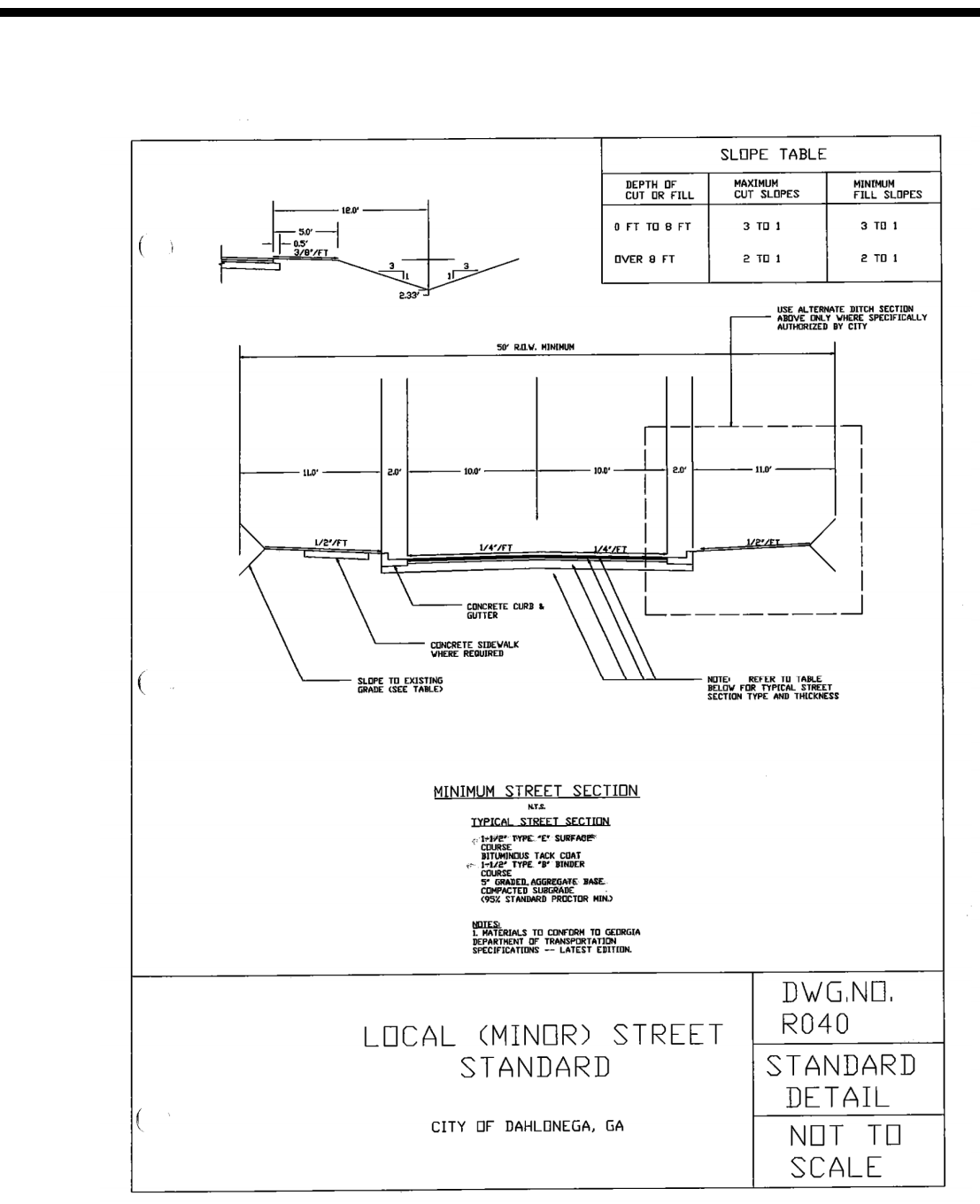
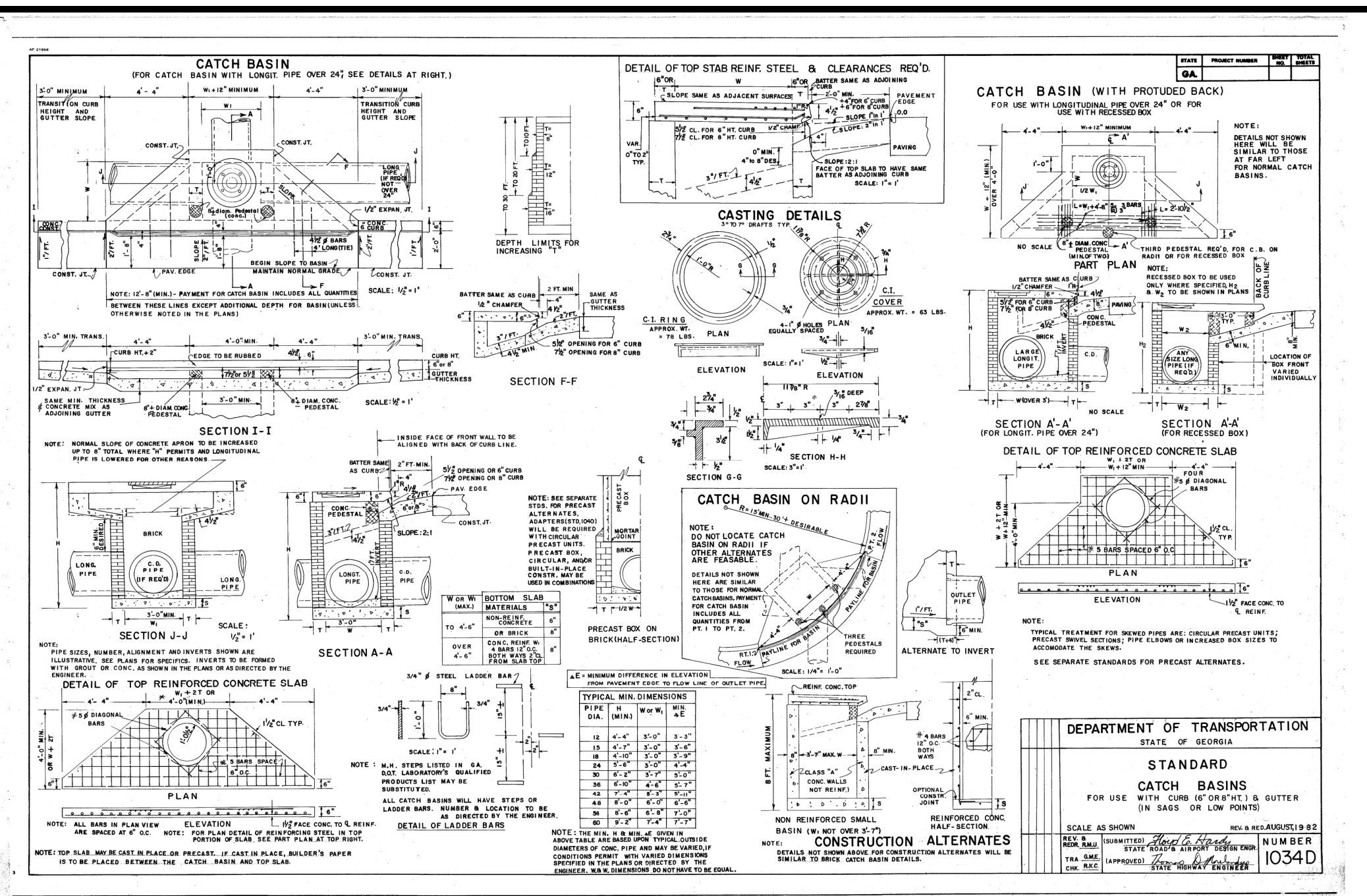
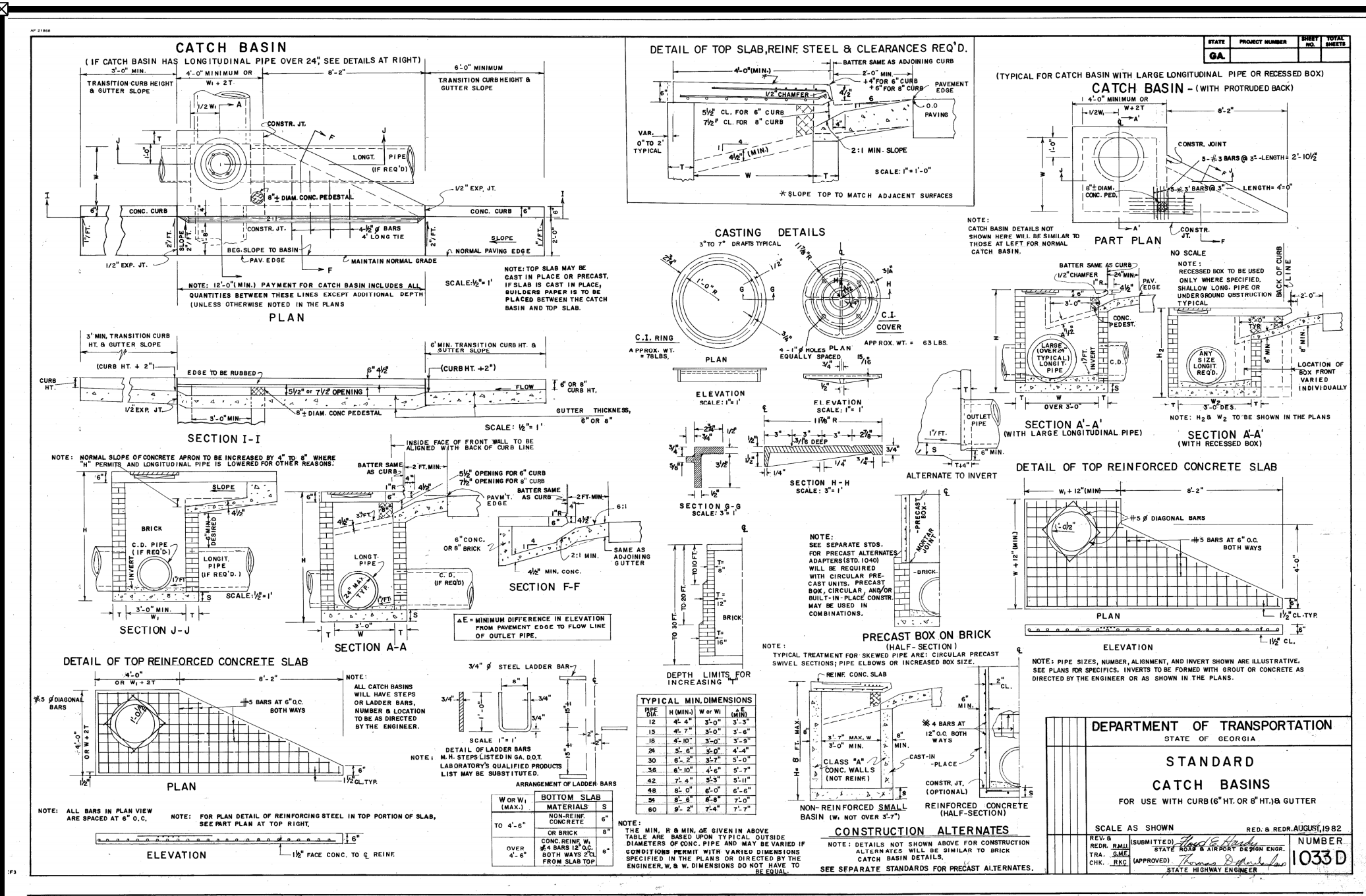
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REVISION	DATE	DESCRIPTION
1	8/9/21	UPDATED WITH 2" LEVEL & OVERLAY
2	9/14/21	STORM REPROFILE

CONSTRUCTION DETAILS
 ENOTA DRIVE IMPROVEMENTS
 LAND LOT 98A
 12TH DISTRICT, 1ST SECTION
 CITY OF DAHLONEGA, GA

DRAWN BY:	GRJ
CHECKED BY:	JKD
LAND LOT:	98A
DISTRICT:	12TH
SECTION:	1ST
CITY:	DAHLONEGA
COUNTY:	LUMPKIN
DATE:	7/20/21



CAST CONCRETE HEADWALL

DWG. NO. R1033G
DATE: 12/04/00
STANDARD DETAIL
NOT TO SCALE

WALL HEIGHT	MINIMUM CURB HEIGHT	MINIMUM CURB WIDTH	MINIMUM CURB SLOPE
0' - 4'	12"	12"	3 TO 1
4' - 8'	18"	18"	3 TO 1
8' - 12'	24"	24"	3 TO 1
12' - 16'	30"	30"	3 TO 1
16' - 20'	36"	36"	3 TO 1
20' - 24'	42"	42"	3 TO 1
24' - 28'	48"	48"	3 TO 1
28' - 32'	54"	54"	3 TO 1
32' - 36'	60"	60"	3 TO 1
36' - 40'	66"	66"	3 TO 1
40' - 44'	72"	72"	3 TO 1
44' - 48'	78"	78"	3 TO 1
48' - 52'	84"	84"	3 TO 1
52' - 56'	90"	90"	3 TO 1
56' - 60'	96"	96"	3 TO 1
60' - 64'	102"	102"	3 TO 1
64' - 68'	108"	108"	3 TO 1
68' - 72'	114"	114"	3 TO 1
72' - 76'	120"	120"	3 TO 1
76' - 80'	126"	126"	3 TO 1
80' - 84'	132"	132"	3 TO 1
84' - 88'	138"	138"	3 TO 1
88' - 92'	144"	144"	3 TO 1
92' - 96'	150"	150"	3 TO 1
96' - 100'	156"	156"	3 TO 1

DES DAVIS ENGINEERING & SURVEYING
133 PROMINENCE COURT
SUITE 210
DAWSONVILLE, GA 30534
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REGISTERED PROFESSIONAL ENGINEER
No. 034135
JASON K. DAVIS
9/14/21

CONSTRUCTION DETAILS
ENOTA DRIVE IMPROVEMENTS
LAND LOT 98A
12TH DISTRICT, 1ST SECTION
CITY OF DAHLONEGA, GA

DATE: 9/14/21
REVISION: 1
DESCRIPTION: UPDATED WITH 2" LEVEL & OVERLAY STORM REPROFILE

DRAWN BY: GRJ
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SHEET NO. 8 OF 8
PROJECT NO. 2021-065