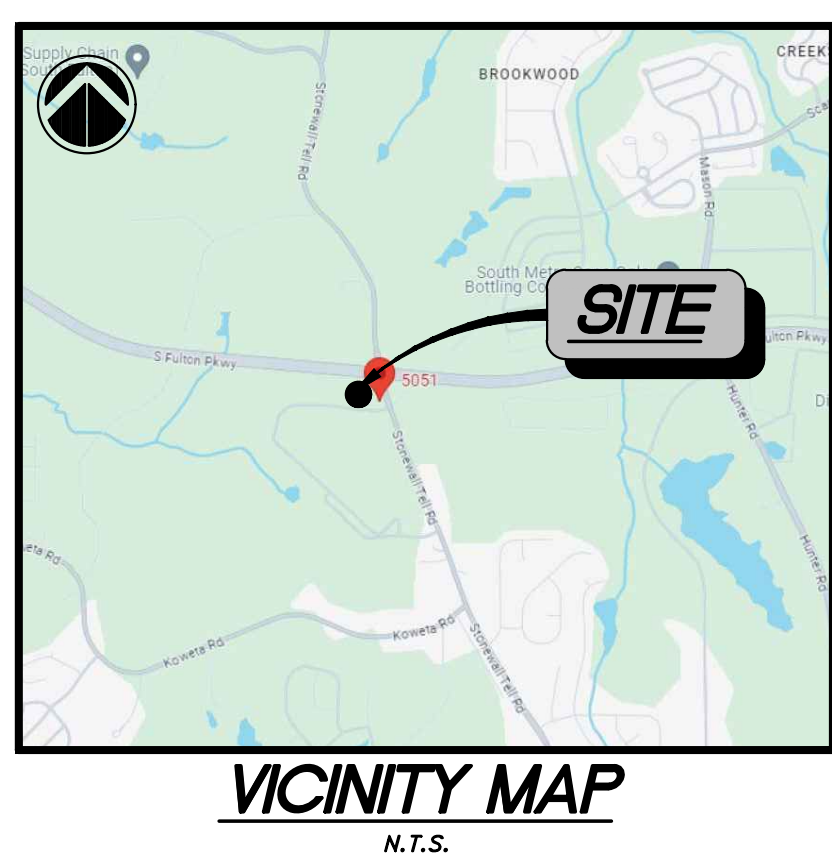


1. MASS ENGINEERING AND CONSULTANTS LLC WILL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF THE SURVEY OR FOR DESIGN ERRORS OR OMISSIONS RESULTING FROM SURVEY INACCURACIES.
2. WHEREVER NOTICES CONFLICT, THE JURISDICTIONAL NOTES WILL SUPERCEDE
3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL OFF-SITE EASEMENTS NOT DELINEATED ON PLANS OR KNOWN OF AT TIME OF PLAN ISSUANCE.
4. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PLANS AND SITE WORK SPECIFICATIONS AND SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL CODES.
5. SUPPLEMENTAL REPORTS INCLUDING BUT NOT LIMITED TO : ASBESTOS AND LEAD PAINT REPORT, STORMWATER, PHASE I, PHASE II, AND GEOTECH ARE AN INTEGRAL PART OF THIS CONTRACT. THE CONTRACTOR SHALL BE HELD RESPONSIBLE TO ADHERE TO ALL CONDITIONS AND INFORMATION AS OUTLINED IN SAID SUPPLEMENTAL REPORTS.
6. ALL PHASES OF SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE OWNER/DEVELOPER SITE SPECIFICATIONS. THE ENGINEER HAS MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND/OR SPECIFICATIONS SHALL NOT EXEMPT THE CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. ALL WORK SHALL BE AS INDICATED AND STIPULATED ON THE DRAWINGS AND IN THE SPECIFICATIONS.
7. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDER OF ANY PUBLIC AUTHORITY, LOCAL AUTHORITY AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL ON-SITE AND OFF-SITE PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR OR BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT. ALL CONSTRUCTION IN HIGHWAY RIGHT-OF-WAY SHALL BE COORDINATED WITH THE LOCAL D.O.T. OFFICE.
9. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES, CONFLICTS, ERRORS, OR OMISSIONS BEFORE PROCEEDING WITH THE WORK OR SHALL BE HELD RESPONSIBLE FOR ANY WORK PERFORMED. FIELD VERIFICATION SHALL BE PERFORMED BY THE CONTRACTOR PRIOR TO ANY MATERIAL ORDERING AND/OR FABRICATION.
10. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BIDS PERFORMING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
11. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER NECESSARY RESOURCES AND PERSONNEL TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN, AND IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR RAZING AND REMOVAL OF THE EXISTING STRUCTURES, RELATED UTILITIES, PAVING, UNDERGROUND STORAGE TANKS AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND FUTURE REMEDIATION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
13. THESE DRAWINGS MAY NOT SHOW ALL UNDERGROUND PIPING AND UTILITIES. THE CONTRACTOR SHALL EXERCISE EXTREME CARE DURING ALL EXCAVATION AND OTHER CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE REQUIRED TO MAKE A UTILITY NOTIFICATION CALL. DETERMINE EXACT LOCATION OF EXISTING UTILITIES, ETC. BEFORE EXCAVATING WORK. ALL EXISTING ACTIVE UTILITIES WHICH ARE ENCASED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING OR PIER DRILLING AROUND OR NEAR UTILITIES. ALL EXISTING INACTIVE LINES AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF THE ENGINEER.
14. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ANY DAMAGE TO ANY EXISTING IMPROVEMENTS, ONSITE OR OFF SITE, SUCH AS PAVEMENT, UTILITIES, STORM DRAINAGE, ETC. THE REPAIR MUST BE APPROVED BY THE ENGINEER AND BE EQUAL OR BETTER THAN EXISTING CONDITIONS. ALL REPAIRS SHALL BE AT THE CONTRACTORS EXPENSE.
15. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS AND/OR CONTRACTOR DOCUMENTS.
16. THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS, ON-SITE AT ALL TIMES, UPDATED WITH THE LATEST REVISIONS AND ADDENDA OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
17. THESE DRAWINGS ARE FORMATTED FOR 24"x36". OTHER SIZE VERSIONS ARE NOT PRINTED TO THE SCALE CALLED OUT OR SHOWN.

1. STANDARD SPECIFICATIONS AND DETAILS SHALL GOVERN ALL WATER AND SANITARY SEWER MAIN CONSTRUCTION.
2. THE BUILDING CONTRACTOR IS RESPONSIBLE FOR LOCATION, SIZE AND SPECIFICATIONS OF ALL ELECTRICAL TRANSFORMER PADS FROM THE LOCAL POWER COMPANY AND PROVIDING SERVICE FROM THE TRANSFORMER TO THE BUILDING.
3. CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS AND IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION AT NO EXTRA COST TO THE OWNER.
4. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OR ORDINANCES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT LIMITED TO ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
5. SANITARY SEWER PIPE SHALL BE PVC SDR 35 ASTM 3034 FOR PIPES LESS THAN 12" DEEP. PVC PIPE SHALL BE BELL & SPICOT TYPE WITH INTEGRAL BELL AND RUBBER GASKETS. DUCTILE IRON CANTS 52 AWA C150, ANSI: A21.51 WITH PUSH ON OR MECHANICAL JOINT MAY BE SUBSTITUTED FOR PVC PIPE.
6. SANITARY SEWER PIPE SHALL HAVE A MINIMUM DEPTH OF 6' FEET. PERCENTAGE OF GRADES LISTED FOR SANITARY SEWER LINES WERE CALCULATED FROM THE CENTERLINE OF ONE MANHOLE TO THE CENTERLINE OF THE NEXT MANHOLE.
7. SEWER SERVICE LATERALS SHALL BE COORDINATED WITH BUILDING PLANS, ANY DISCREPANCIES SHOULD BE CLARIFIED BEFORE INSTALLATION. SEWER SERVICE LATERALS ARE TO BE PERMANENTLY MARKED ON THE CURB.
8. ALL MANHOLES REQUIRE KOR-N-SEAL OR EQUAL RUBBER BOOTS.
9. THE TOP ELEVATION OF MANHOLES CONSTRUCTED IN PAVED AREAS SHALL MATCH FINISH GRADE, AND SHALL HAVE TRAFFIC BEARING LIDS. THE TOP ELEVATION OF MANHOLES CONSTRUCTED IN GRASSED AREAS MUST MATCH FINISHED GRADE (UNLESS OTHERWISE NOTED). ALL EXISTING MANHOLES & UTILITY BOXES SHALL BE ADJUSTED AS NECESSARY TO MATCH PROPOSED GRADING.
10. ALL WATER PIPE 4" DIAMETER AND LARGER SHALL BE C900, CLASS 150 PVC WATER PIPE WITH 150 PSI PRESSURE RATING CONFORMING TO AWWA, AND UNBELLED PLASTIC PIPE TO STANDARD SPECIFICATIONS. FITTINGS 4" AND LARGER SHALL BE CAST IRON OR DUCTILE IRON CONFORM WITH AWWA STANDARD SPECIFICATIONS.
11. ALL WATER PIPE 3" AND SMALLER SHALL BE TYPE K COPPER OR SDR 21 PER ANSI 16.22.
12. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 6' OVER ALL WATER LINES.
13. CONTRACTOR SHALL COORDINATE INSTALLATION OF WATER SERVICE WITH WATER DEPARTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION, PURCHASE AND/OR FEES ASSOCIATED WITH ALL APPARATUS INCLUDING: WATER METERS, BACK FLOW PREVENTERS, POST INDICATOR VALVES, AND ENCLOSURES.
14. THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF WATER AND SEWER LINE IS (10') TEN FEET. THE MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINES IS (18") EIGHTEEN INCHES.
15. ALL FIRE HYDRANTS SHALL CONFORM TO LOCAL REQUIREMENTS.
16. ALL DOMESTIC WATER LEADS SHALL HAVE REQUIRED PRESSURE VALVES AS DIRECTED BY THE OWNER'S ARCHITECT.
17. EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED FOR LOCATION AND NUMBER BY THE CONTRACTOR.
18. ALL ELECTRIC, TELEPHONE AND GAS LINES, INCLUDING SERVICE LINES, ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE APPROPRIATE UTILITY COMPANIES SPECIFICATIONS.
19. CONTRACTOR TO COORDINATE INSTALLATION OF ALL UTILITIES BY OTHERS WITH HIS WORK.
20. PRIMARY ELECTRIC SERVICE IS PROVIDED BY THE POWER COMPANY. THIS INCLUDES THE TRANSFORMER AND PAD, TRENCHING, BACKFILL, AND COMPACTION. CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND FEES ASSOCIATED WITH POWER SERVICE AS WELL AS SECONDARY SERVICE.
21. GAS LINES ARE INDICATED FOR COORDINATION ONLY. CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND FEES ASSOCIATED WITH GAS SERVICE.
22. GAS AND UNDERGROUND ELECTRIC LINES ARE SHOWN FOR COORDINATION ONLY. EXACT LOCATION WILL BE FIELD DETERMINED DURING CONSTRUCTION.
23. ALL SANITARY MANHOLES AND PIPE TO BE FLUSHED CLEAN OF DEBRIS PRIOR TO TURN OVER OF SYSTEM TO OWNER.
24. ALL EASEMENTS TO BE PLATTED BY THE CONTRACTOR (UNLESS OTHERWISE NOTED).
25. ANY UTILITIES NOT SHOWN THAT REQUIRE RELOCATION OR REMOVAL IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS TO REPORT ALL DISCREPANCIES TO THE ENGINEER IMMEDIATELY UPON DISCOVERY.

4. All public water lines shall be marked with a continuous Electronic Marking System (EMS) Caution Tape, at a maximum burial depth of 2-feet directly above the water line located below the street (3M Part Caution Tape, Model #80 6116 16220 7613).
5. Water valve markers shall be placed at all locations where water valves are not in the streets. Water valves located on the street will be marked with an engraved "W" on top of curb and on the curb gutter. The opening of the "W" will face the valve.
6. All temporary and permanent water easements must be dressed and grased to control erosion prior to acceptance. No trees will be allowed to be planted in utility easements or within 10-feet of a public water main.
7. As-built drawings and maintenance bonds) must be submitted and are required prior to inspection and acceptance. All drawings and as-builts will be required at the completion of the project. Please see for the requirements: <https://www.fultoncountyswpa.org/services/water-services/development-permits/inspection>. Maintenance bonds are due at final payment of the as-builts.
8. All distribution piping and appurtenance materials used in the Fulton County Water System must be made of Ductile Iron pipe and comply in respect to ANSI/AWWA121.111 (M11-18) Standard Specifications. Plans that do not meet the specifications in all respects will not be accepted. All lines should be Class 5, (or greater when requested by the County).
9. Contractor is responsible to verify the location and depth of the existing water lines prior to construction.
10. Required 18-inch vertical separation between proposed water lines and other existing and proposed utilities lines shall be verified during construction.
11. If existing water service line is to be removed and abandoned, the service shall be removed back to the corporation stop and capped at the water main line in the presence of the Inspector. Other existing and abandoned water service structures will be removed in the presence of the Inspector.
12. Water meter boxes are to have 1-inch Type "K" Copper line; developer is responsible for properly sizing service line and meter. The service line must be continuous from the main to the water meter and shall have a minimum cover of 48-inches. All joints shall be flared. The service line shall connect to the main line with a direct tap with a corporation cock with a minimum of 18-inches between taps.
13. Water meter box shall be a polyethylene meter box (Model 1210-18 61MK deep) with polyethylene lid (Model 1219-1 61MK deep). Lot for stretch pipe shall be DWP Model 6154-1 deep with polylock knock out and X-inch recessed for meter entrance with a ferrous magnet in the lid and a plastic locking mechanism.
14. For residential subdivisions: No individual meters are to be placed in a concrete sidewalk or driveway. Meters must be maintained in grass areas.
15. The contractor shall install polyethylene water meter boxes and 1-inch type "K" copper service line for all services including cul-de-sacs, 5/8" X 3/4" meters are the standard size for a residential house, however developer is responsible for properly sizing service line and meter.
16. Lot lines will be clearly identified and marked on top of lots before the water main is installed.
17. A 4-inches PVC conduit shall be used to access all taps on opposite sides of the street, except in cul-de-sacs. Conduit across the road, for installation of water services, is to be installed by the developer prior to paving. Material for conduit shall be 6 inches X 3/4" PVC pipe or approved alternate and is to be installed with a minimum of 4"

C-02



	EXISTING 1' CONTOUR
	EXISTING 5' CONTOUR
	FUTURE 1' CONTOUR
	FUTURE 5' CONTOUR
	EXISTING PROPERTY LINE
	EXISTING RIGHT-OF-WAY
	EXISTING SETBACK LINE
	FUTURE RIGHT-OF-WAY
	FUTURE SETBACK LINE
	FUTURE PROPERTY LINE
	GRADE ELEVATION
	STORM SEWER LINE
	RETAINING WALL
	CONCRETE HEADWALL
	JUNCTION BOX
	PRECAST CATCH BASIN
	AREA INLET
	GRATE INLET
	DETENTION BASIN OUTFALL STRUCTURE
	SLOPE ARROW
	GRADE BREAK LINE

1. INFORMATION CONCERNING SITE SOIL CONDITIONS WILL BE PROVIDED BY THE OWNER.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEBRIS NOT ACCEPTABLE TO THE OWNER AND ENGINEER.
3. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT ACCEPTANCE OF CONTRACTOR SHALL MAKE A TOPOGRAPHIC SURVEY AT THEIR OWN EXPENSE AND SUBMIT IT TO THE OWNER FOR REVIEW.
4. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING ALL UTILITIES BEFORE CONSTRUCTION AND VERIFYING LOCATION OF ALL UTILITIES SHOWN OR NOT SHOWN.
5. ROP STORM PIPE SHALL BE CLASS IN PER ASTM C-76. THE CONTRACTOR MAY ELECT TO SUBSTITUTE SPIRAL RIB ALUMINIZED TYPE 2 CORRUGATED METAL PIPE, 16 GAGE FOR 48" AND UNDER, 13 GAGE ABOVE 48" WITH REFORMED ENDS AND (2) RING HUGGER TYPE BANDS, UNLESS OTHERWISE NOTED. ALL PIPE CONNECTIONS AT MANHOLES SHALL BE WATE TIGHT. CONTRACTOR TO VERIFY ADEQUACY OF PIPE CLASS/GAUGE AND MANHOLE THICKNES FOR DEPTHS WITH MATERIAL SUPPLIERS. IF BURY DEPTH IS GREATER THAN 15' CONTACT LAI ENGINEERING FOR MODIFIED SPECIFICATION.
6. CONTRACTOR SHALL PROVIDE DRAINAGE AWAY FROM THE BUILDINGS.
7. PRECAST STRUCTURES MAY BE USED AT THE CONTRACTOR'S OPTION.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND COST OF THE RELOCATION OF ALL UTILITIES ALONG THE PERIMETER OF ANY AND ON THE SITE ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT, SUCH AS, BUT NOT LIMITED TO SIGNAL POLES, SIGNAL CONTROLS, DRAINAGE STRUCTURES, TRAFFIC SIGNS, UTILITY POLES, GUY WIRES, ETC.
9. IN ALL AREAS WHERE NEW CURB AND GUTTER ARE INSTALLED, REMOVE ALL OLD CURB AND GUTTER AND SAW CUT A STRAIGHT EDGE ALONG ASPHALT.
10. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL PLANS AND SPECIFICATIONS.
11. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
12. ALL SLOPES AND DISTURBED AREAS NOT COVERED BY BUILDING OR PAVEMENT SHALL BE GRADED SMOOTH AND RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR TO PROVIDE TOPSOIL IF NOT AVAILABLE ON SITE. THE AREAS SHALL BE SEEDED, MULCHED, FERTILIZED AND COVERED TO PREVENT EROSION. ALL WEEDS AND STAND OF GRASS, SMALL ROCKS MUST BE REMOVED. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
13. SPOIL FROM FOOTINGS IS THE SITE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR IS TO USE THE SOIL ON SITE OR REMOVE IT FROM THE SITE.
14. EARTHWORK SHALL BE ON AN UNCLASSIFIED BASIS.
15. ANY FILL USED TO INCREASE THE ELEVATION OF THE FLOOR SLAB OR ANY FILL TO BE USED AS BACKFILL, SHALL BE CLEAN, GRANULAR MATERIAL. PRIOR TO THE USE OF ANY GRANULAR FILL, GRADATION ANALYSIS SHALL BE PERFORMED ON REPRESENTATIVE SAMPLE OF THE FILL MATERIAL TO DETERMINE WHETHER THE MATERIAL IS SUITABLE AS FILL. COMPACTED FILL SHALL BE PLACED IN LAYERS NOT MORE THAN EIGHT INCHES IN THICKNESS, AT MOISTURE CONTENTS WITHIN THREE PERCENT OPTIMUM, AND COMPACTED TO MINIMUM DENSITY OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR METHOD, ASTM D-1557.
16. ALL SPOT ELEVATIONS ARE TOP OF PAVEMENT UNLESS OTHERWISE NOTED.
17. ALL SYSTEM MANHOLES AND PIPES TO BE FLUSHED CLEAN PRIOR TO TURNING OVER TO THE OWNER.
18. ALL PIPE LENGTHS LISTED ARE BASED ON THE HORIZONTAL DISTANCE FROM CENTER OF STRUCTURE AND USED FOR DESIGN.
19. THE CONTRACTOR IS RESPONSIBLE FOR COMPARING THE STORM SEWER AND SANITARY SEWER CHARTS WITH THE PLANS FOR THE STORM SEWER AND SANITARY SEWER LINES AND INFORMING THE ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

C-05

**ANY CONFLICTS BETWEEN
GENERAL AND FULTON
COUNTY NOTES, THE FULTON
COUNTY NOTES SHALL BE
GIVEN PRIORITY**

GREASE TRAP CALCULATION

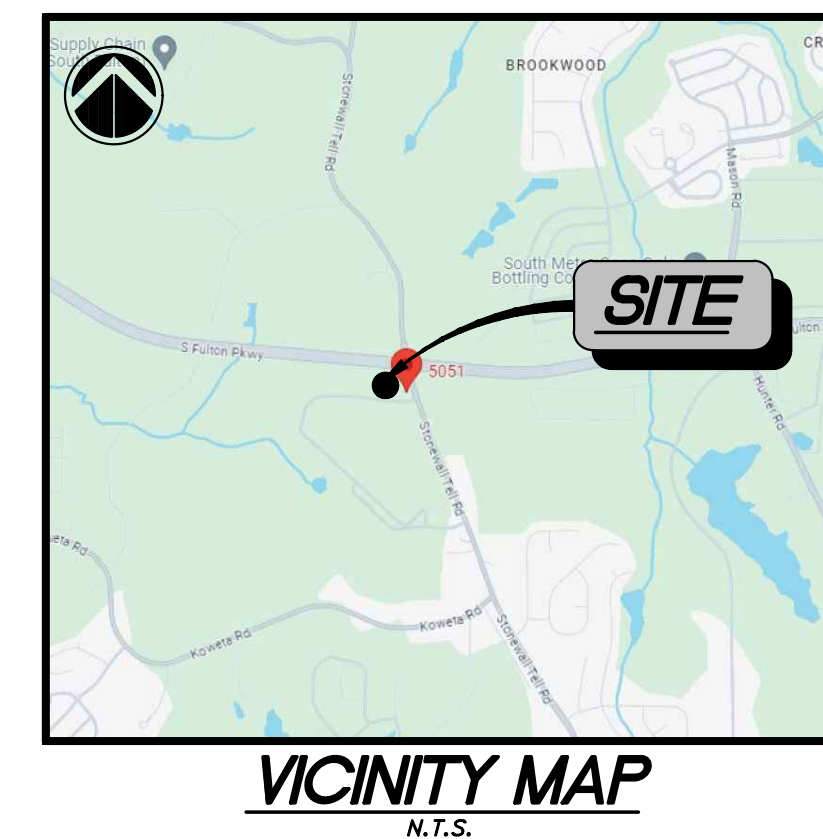
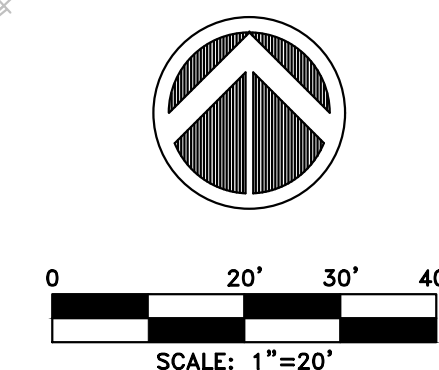
EQUATION #1
INTERCEPTOR CAPACITY (GALLONS) = $S \times 25 \times \text{HR}/12$
 $S = 0$ SEATS

EQUATION #2
INTERCEPTOR CAPACITY (GALLONS) = SUMMARY OF FIXTURES $\times 20$
HAND SINKS - 1 AT 15GPM EACH
SINGLE COMPARTMENT SINKS - 3 AT 20GPM EACH
 $1(15) + 3(20) = 75 \times 20 = 1,500$ GALLONS

SEWER DESIGN USE CALCULATION SEWER TABULATION DATA

SITE INFORMATION
COMMERCIAL RETAIL - 6,740 SF
CONVENIENCE STORE: 100 GPD PER 1,000 SF PLUS 25 GPD PER EMPLOYEE
USAGE: 6,740 SF X 10% = 674 GPD
 3 EMPLOYEES ON PEAK SHIFT = 75 GPD
TOTAL USAGE: 749 GPD
TOTAL PEAK FLOW USAGE: 2.5 X 749 = 1,872.50 GPD
TOTAL PEAK FLOW USAGE: 1872.50/1440 = 1.30 GPM

CLEANOUTS	2 EA
SANITARY SEWER MANHOLES	3 EA
6" PVC	388 LF
8" PVC	90 LF
8" DIP	115 LF
1500-GALLON GREASE TRAPS	2 EA



FULTON COUNTY DOGHOUSE
MANHOLE NOTES

1. CONTRACTOR TO FIELD VERIFY THE LOCATION AND INVERT OF THE EXISTING WASTEWATER LINE PRIOR TO CONSTRUCTION
2. THE CONTRACTOR IS TO CUT AND REMOVE THE TOP HALF OF THE PIPE ONLY UPON FINAL APPROVAL FULTON COUNTY INSPECTOR
3. THE NEW EFFLUENT LINE IS TO ENTER THE STRUCTURE A MINIMUM ON 0.5 FEET ABOVE THE EFFLUENT ELEVATION TO ALLOW NEW WATER TABLE TO BE BUILT
4. BUILD THE WATER TABLE AND INVERT WITH ROWLOCK BRICKS TO DIRECT THE RUNOFF FROM THE NEW LINES TO THE EXISTING EFFLUENT INVERT

FULTON COUNTY EXISTING
MANHOLE NOTES

1. CONTRACTOR TO FIELD VERIFY THE LOCATION AND INVERT OF THE EXISTING WASTEWATER LINE PRIOR TO CONSTRUCTION.
2. REMOVE AND REPLACE THE EXISTING INVERT TO ACCEPT THE NEW LINE AS REQUIRED IN THE FIELD.
3. CORE FOR NEW LATERAL FROM THE INSIDE OF THE MANHOLE IN THE PRESENCE OF THE INSPECTOR.
4. NEW DROP LINE TO ENTER MANHOLE AT 0.44'-FEET ABOVE THE EFFLUENT INVERT.
5. REBUILD THE WATER TABLE AND INVERT WITH ROWLOCK BRICKS TO DIRECT THE RUNOFF FROM THE NEW LINE TO EXISTING EFFLUENT INVERT.
6. REHABILITATE EXISTING MANHOLE AS REQUIRED IN FIELD TO BRING MANHOLE INTO COMPLIANCE WITH FULTON COUNTY STANDARDS AND REGULATIONS.

UTILITY LEGEND

	<i>GAS</i>	<i>GAS</i>
	<i>8"SS</i>	<i>8" SANITARY SEWER</i>
	<i>OGE&T</i>	<i>OVERHEAD ELECTRIC & TELEPHONE</i>
	<i>UGE&T</i>	<i>UNDERGROUND ELECTRIC SERVICE</i>
	<i>8"W</i>	<i>WATER SERVICE</i>
		<i>GREASE TRAP 9'-0" x 5'-4"</i>
		<i>ELECTRICAL TRANSFORMER</i>
		<i>SANITARY SEWER CLEAN OUT</i>
		<i>POST INDICATOR VALVE</i>
		<i>SANITARY SEWER MANHOLE</i>
		<i>FIRE HYDRANT</i>
		<i>SANITARY SEWER TO BE REMOVED</i>
		<i>WATER METER W/BACKFLOW PREVENTER</i>
		<i>LIGHTING FIXTURE</i>
		<i>SEWER DRAIN</i>
		<i>GATE VALVE</i>
		<i>DOUBLE DETECTOR CHECK</i>
		<i>FIRE DEPARTMENT CONNECTION</i>

PROPOSED CONVENIENCE STORE
5051 STONEWALL TELL ROAD UNION CITY, GA 30349

PREPARED FOR:

5051 STONEWALL TELL DEVELOPMENT, LLC
PARCEL ID: 09F340101340342
LAND LOT 134, DISTRICT 9F
UNION CITY, FULTON COUNTY, GEORGIA



**MASS ENGINEERING AND
CONSULTANTS, LLC.**
459 ACWORTH DUE WEST ROAD, SUITE 565
ACWORTH, GEORGIA 30101
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MASS
ENGINEERING AND CONSULTANTS, LLC

REVISIONS

[illegible]

SEWER PLAN

PROJECT NUMBER:

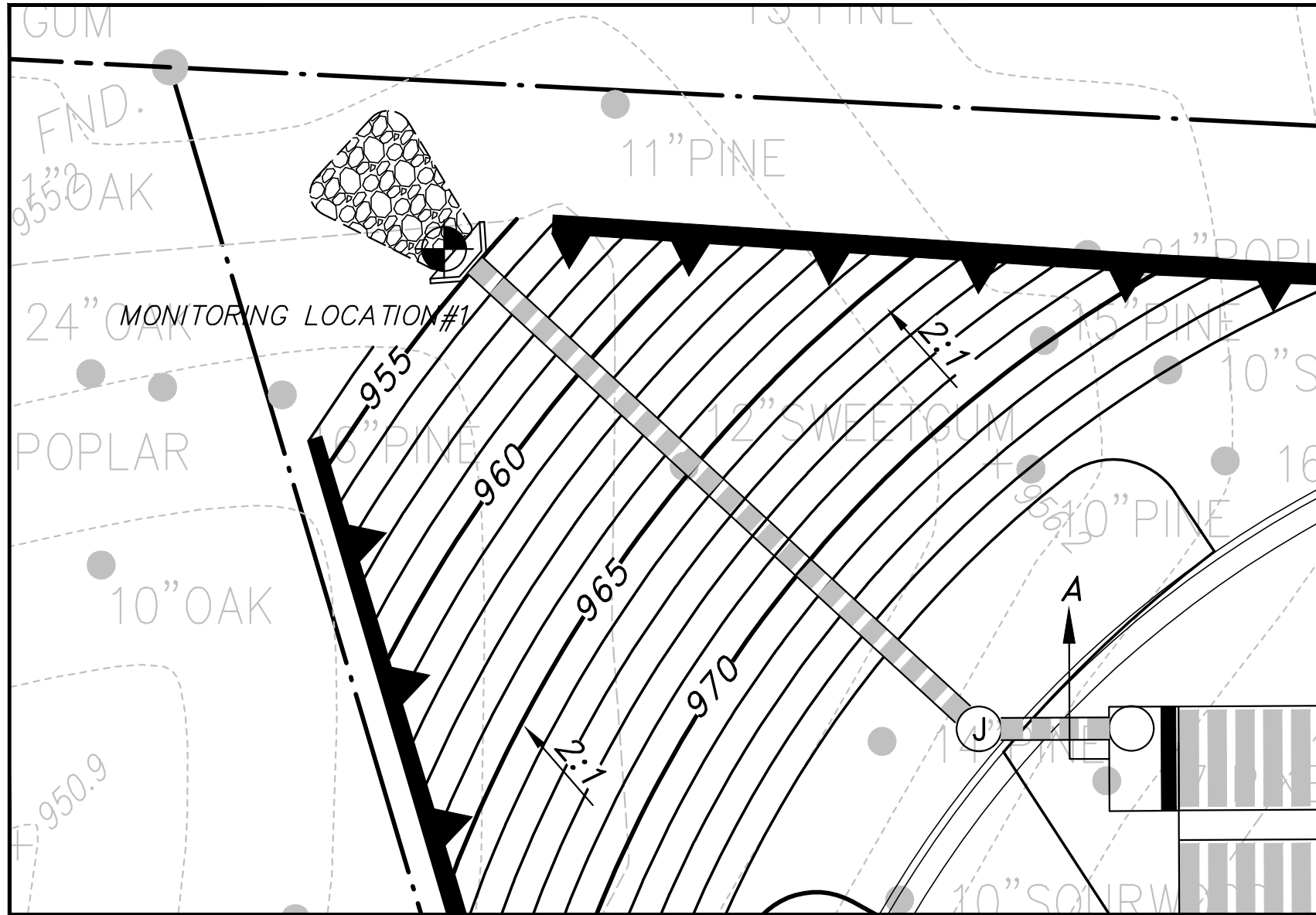
DATE: MARCH 10, 2026

C-06

FULTON COUNTY PERMIT NO.: WRS24-050

PROPOSED CONVENIENCE STORE

5051 STONEWALL TELL ROAD, UNION CITY GA 30349



VICINITY MAP

N.T.S.

THE SITE IS NOT LOCATED IN A FLOODPLAIN AND DOES NOT CONTAIN STATE WATERS ON SITE, OR WITHIN 200-FT OF THE SITE. THE FLOODPLAIN PANELS ARE 13077C00750 AND 13121C0456F.

CONSTRUCTION SEQUENCE

PHASE 1

- UPDATE LAND DISTURBANCE PERMIT, FILE N.O.I. (NOTICE OF INTENT) WITH THE E.P.D. (ENVIRONMENTAL PROTECTION DEPARTMENT) AND PAY THE APPLICABLE FEES TO THE STATE AND LOCAL ISSUING AUTHORITIES. A COPY OF THE SIGNED N.O.I. TO BE FILED MUST BE PROVIDED TO THE DEVELOPER AND THE C.E.C., AS WELL AS KEPT ON SITE AT ALL TIMES.
- CALL FOR THE ON SITE PRE CONSTRUCTION MEETING OR S.W.P.P.P. (STORM WATER POLLUTION PROTECTION PLAN) PRE CONSTRUCTION MEETING. ATTENDEES SHALL INCLUDE CONTRACTORS, SUBCONTRACTORS, ENGINEERS, E.P.D., CITY / COUNTY OFFICIALS AND OR ANY OTHER PERSONNEL WHOM MAY INSPECT OR REVIEW THE STORM WATER MANAGEMENT ON THIS PROJECT. GOALS AND EXPECTATIONS SHALL BE REVIEWED IN DETAIL.
- THE STABILIZED CONSTRUCTION EXIT / ENTRANCE SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY OCCURS. ANY REQUIRED TRAFFIC BARRIERS SHALL ALSO BE INSTALLED AT THIS TIME.
- SILT FENCE AND OR ORANGE SAFETY / CONSTRUCTION FENCE INSTALLATION SHALL BE COMPLETED. NOTE: THE CONTRACTOR IS ALLOWED TO CLEAR PORTIONS NECESSARY FOR B.M.P. (BEST MANAGEMENT PRACTICES) INSTALLATION ONLY. THE CONTRACTOR IS TO ENSURE THERE ARE NO ADVERSE IMPACTS TO THE ON SITE STREAMS NOR WETLANDS.
- THE PREPARATION OF THE TEMPORARY PARKING AND STORAGE AREA SHALL COMMENCE. INCLUDING BUT NOT LIMITED TO SITE TRAILER, PARKING AREA, LAY DOWN, PORTABLE TOILETS, WHEEL WASH, CONCRETE WASH OUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, SOIL STOCKPILE AREA ETC. THESE ITEMS ARE TO BE DENOTED ON THE SITE MAPS BY THE CONTRACTOR IMMEDIATELY AND SHALL BE REVISED WITH ANY CHANGES IN LOCATIONS AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS
- THE TEMPORARY SEDIMENT BASINS AND DIVERSION DITCHES WITH STONE CHECK DAMS AS DELINEATED ON THE PLANS SHALL BE INSTALLED. CLEARING AND GRUBBING SHALL BE LIMITED TO ONLY WHAT IS REQUIRED FOR THE PROCEDURE.
- CONTACT THE JURISDICTIONAL AUTHORITY TO DETERMINE IF A SECOND PRE CONSTRUCTION MEETING IS NEEDED. IF SO, THE GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT THE STORM WATER PRE CONSTRUCTION MEETING WITH THE ENGINEER AND ALL GROUPED DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.
- THE CONTRACTOR SHALL BEGIN CLEARING, GRUBBING AND GRADING THE AREAS OF THE SITE AS NEEDED TO MOVE TOWARD FINAL GRADE.
- WITHIN 7 DAYS AFTER THE INITIAL CONSTRUCTION ACTIVITIES COMMENCE THE GENERAL CONTRACTOR SHALL CONTACT THE CIVIL ENGINEER CONSULTANT TO REVIEW THE INSTALLATION AND EFFECTIVENESS OF THE B.M.P.'S.

PHASE 2

- GRADE SITE AS BEST NEEDED FOR INSTALLATION OF ALL TEMPORARY UTILITIES AND EROSION CONTROL MEASURES.
- AS EACH LIFT IN ELEVATION IS COMPLETED CARE SHALL BE TAKEN AS TO ENSURE THAT STABILIZATION AND EROSION PREVENTION HAS OCCURRED.
- AS THE SITE IS BROUGHT UP TO SUB GRADE, THE STORM DRAINAGE SYSTEM IS TO BE CONSTRUCTED.
- THE GENERAL CONTRACTOR SHALL CONTACT THE CIVIL ENGINEERING CONSULTANT TO PERFORM THE TEMPORARY SEDIMENT BASIN REVIEW AND SURVEY VERIFICATION. THE CONTRACTOR AND GEOTECHNICAL CONSULTANT ARE TO CERTIFY PLAN COMPLIANCE AT THE COMPLETION OF THE SITE MEASURES.
- EXISTING BUILDING PAD AREA STABILIZATION SHALL OCCUR AS SOON AS POSSIBLE, THE CONTRACTOR SHALL NOTE THE DATE OF COMPLETION ON THE EROSION PLANS. CONTRACTOR MUST BE AWARE OF ANY GEOTECHNICAL REQUIREMENTS ASSOCIATED WITH FINAL COMPACTION OR FOUNDATION PREPARATION NOTE

PHASE 3

- FINAL GRADING, PERMANENT SEEDING AND PLANTING SHALL BE COMPLETED.
- THE CONTRACTOR SHALL REMOVE AND CLEAN ANY SEDIMENT FROM THE STORM WATER CONVEYANCE SYSTEM AS WELL AS THE DETENTION PONDS.
- THE CONTRACTOR SHALL CONTACT THE CIVIL ENGINEERING CONSULTANT WHEN SITE IS FULLY STABILIZED FOR INSPECTION
- ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL DEVICES (BMP'S) SHALL BE REMOVED ONCE STABILIZATION AND C.E.C. APPROVAL HAS BEEN ACHIEVED. ANY AREAS DISRUPTED BY THIS REMOVAL SHALL BE STABILIZED.
- DAILY INSPECTION REPORTS SHALL CONTINUE UNTIL THE DEVELOPER HAS AGREED THAT THE SITE IS FULLY STABILIZED AND THE PERMIT MAY BE TERMINATED.
- THE CONTRACTOR SHALL FILE THE N.O.T. (NOTICE OF TERMINATION) WITH THE GEORGIA E.P.D. FOR THE SITE CONSTRUCTION ACTIVITY. A COPY OF THE SIGNED N.O.T. BEING FILED MUST BE PROVIDED TO THE DEVELOPER AND THE C.E.C. AND LIA.

SEDIMENT STORAGE BMP's ARE TO REMAIN IN PLACE UNTIL FINAL STABILIZATION IS ACHIEVED FOR ALL DISTURBED AREAS

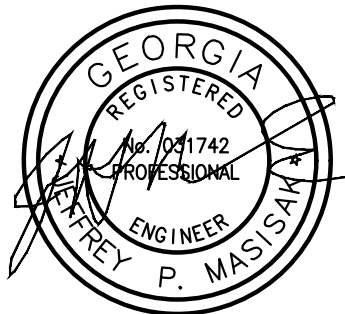
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2

JEFFREY P. MASISAK, PE, CPESC
GSWCC LEVEL II CERTIFICATION NO. 0000001217
EXPIRES: 05/05/2027
JEFF@mass-eng.com

3/10/2026

DATE



SAMPLING POINT LOCATION DESCRIPTION

SAMPLING POINTS - SAMPLING IS REQUIRED AND WILL BE ONE LOCATION. THE LOCATION WILL BE AT THE LOW POST OF THE DRAINAGE LEAVING THE SITE WHICH IS AT THE END OF THE PROPOSED HEADWALL WHICH IS ALSO THE POINT OF STUDY.

THE ALLOWABLE NTU IS 75.

GENERAL PERMIT REQUIREMENTS SHALL BE FOLLOWED IN THE STORMWATER SAMPLING AND THE RATIONALE OF THE NEPHELOMETRIC TURBIDITY UNIT (NTU) LIMITS FOR THE PROJECT. PER PAGE 19 UNDER PART IV, SECTION D, SUB-SECTION 5 FOR SAMPLING REQUIREMENTS OF THE GENERAL PERMIT. SAMPLING SHALL BE DONE FOR ALL SITES THAT DISTURB 1 ACRES OR MORE. NOTE THAT ALL SAMPLES MUST ADHERE TO THE STRICT GUIDELINES SET FORTH IN THE GENERAL PERMIT FOR SAMPLING REQUIREMENTS. SAMPLE TYPE AND METHODS, SAMPLING POINTS, AND SAMPLING FREQUENCY AS OUTLINED. SAMPLING SHALL BE DONE TO MONITOR THE NEPHELOMETRIC TURBIDITY OF RECEIVING WATERS AND/OR OUTFALLS. SAMPLES SHOULD BE TAKEN AT LOCATIONS AS PER THE DESIGN PLANS, BUT IN ALL CASES IN SUCH A MANNER AS TO ESTABLISH THE NTU LEVEL OF THE RECEIVING WATERS PRIOR AND AFTER THE CONVERGENCE OF DISCHARGE FLOWS FROM THE DISTURBED AREA WITH THE ABILITY TO ISOLATE THE NTU FLUCTUATION CAUSED BY THE DISCHARGE FLOWS FROM THE DISTURBED AREA. ALL SAMPLES SHALL BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE WATER FLOW LEAVING THE SITE. CARE SHALL BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER AND THE SAMPLING CONTAINER SHALL BE HELD SO THAT THE OPENING FACES UPSTREAM. THE SAMPLE SHALL ALSO BE KEPT FREE FROM FLOATING DEBRIS.

STORM WATER SAMPLES ARE TO BE ANALYZED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 AND THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT. EPA 833-B-92-001." , ACCORDING TO ENVIRONMENTAL PROTECTION AGENCY (EPA) METHOD 180.1, OR APPROVED SIMILAR METHODS.

STORM WATER IS TO BE SAMPLED FOR NEPHELOMETRIC TURBIDITY UNITS (NTU) AT THE OUTFALL LOCATION. A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDING THE VALUE THAT WAS SELECTED FROM APPENDIX B IN THE GEORGIA GENERAL PERMIT. THE NTU LIMIT IS BASED UPON THE DISTURBED ACREAGE OF THE PROJECT SITE AND THE SURFACE WATER DRAINAGE AREA DRAINING TO THE RECEIVING WATER AND WHETHER THE RECEIVING WATERS SUPPORT WARM WATER FISHERIES OR COLD WATER TROUT.

RECEIVING WATERS

THIS PROJECT DISCHARGES TO MULTIPLE UNNAMED TRIBUTARIES AND STORM PIPE SYSTEMS, AND EVENTUALLY TO DEEP CREEK

PETROLEUM SPILLS AND LEAKS:

SPILL CLEANUP AND CONTROL PRACTICES:

- LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
- MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. 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 WITHIN 24 HOURS AT 1-800-424-8802.
- FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
- FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS OCCUR, THE GEORGIA E.P.D. WILL BE CONTACTED WITHIN 24 HOURS.
- FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS OCCUR, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1500 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 COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

POLLUTANTS IN STORMWATER DISCHARGE NOTES:

PRODUCT SPECIFIC PRACTICES:

PETROLEUM BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS, AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ONSITE VEHICLES AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATERS, NATURAL DRAINS, AND STORMWATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECOND CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS, AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.

PAINTS/FINISHES/SOLVENTS - ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT, MATERIALS MIXED WITH THESE PRODUCTS, AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

CONCRETE TRUCK WASHING - NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ONSITE.

FERTILIZER/HERBICIDES - THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CROP ESTABLISHMENT OR IN THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN A SEALED CONTAINER.

BUILDING MATERIALS - NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ONSITE. ALL SUCH MATERIALS WILL BE DISPOSED OF IN A PROPER WASTE DISPOSAL PROCEDURES. BUILDING MATERIALS TO BE COVERED WITH TARPS OR PLASTICS TO ENSURE THE MATERIALS ARE NOT DAMAGED OR WEATHERED. THE TARPS AND PLASTIC COVERS NEED TO BE SECURELY FIXED.

POST CONSTRUCTION MEASURES - ONCE THE HOME HAS BEEN COMPLETED AND ALL ITEMS INSTALLED, THE MEASURES THAT WILL ASSIST IN POLLUTANT IN POST CONSTRUCTION STORMWATER DISCHARGE WILL BE PERMANENT GRASSING, DOWNSPOUT DISCONNECTS, TREE AND SHRUB PLANTINGS AND OTHER LANDSCAPING FEATURES

PRIMARY PERMITTEES LIST

THIS MASTER LIST MUST BE COMPLETED AND SIGNED AS SECONDARY PERMITTEES BECOME KNOWN. THE MASTER LIST MUST BE KEPT IN THE CONSTRUCTION TRAILER ON-SITE.

SECONDARY PERMITTEES MUST SIGN WHEN RECEIVING PLANS. ALL SECONDARY PERMITTEES MUST SUBMIT SECONDARY NOTICE OF INTENT (N.O.I.) AT LEAST 14 DAYS PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY UNDER THE GEORGIA GENERAL PERMIT.

NAME: NAVEED MASOOD PHONE: 404-274-1377
COMPANY: 5051 STONEWALL TELL DEVELOPMENT, LLC
ADDRESS: 3 WEST PAGES FERRY ROAD, SUITE 200
ADDRESS: ATLANTA, GA 30305
EMAIL: DJVEED@HOTMAIL.COM
GSWCC CERTIFICATION NO.:

SIGNATURE:

NAME: COMPANY: ADDRESS: ADDRESS: GSWCC CERTIFICATION NO.:

PHONE: FAX: SIGNATURE:

NAME: COMPANY: ADDRESS: ADDRESS: GSWCC CERTIFICATION NO.:

PHONE: FAX: SIGNATURE:

NAME: COMPANY: ADDRESS: ADDRESS: GSWCC CERTIFICATION NO.:

PHONE: FAX: SIGNATURE:

CONTRACTOR'S ANTICIPATED ACTIVITY SCHEDULE

ACTIVITY	MO. 1	MO. 2	MO. 3	MO. 4	MO. 5	MO. 6	MO. 7	MO. 8	MO. 9
1 INSTALL SEDIMENT CONTROL DEVICES									
2 DEMOLITION AND CLEARING									
3 PAD GRADING AND EARTHWORK									
4 STORM DRAIN INSTALLATION									
5 SANITARY SEWER INSTALLATION									
6 GRASS (TEMP.) (PERM.)									
7 UTILITY INSTALLATION									
8 MAINTAIN EROSION CONTROL									
9 BLDG. CONST. AND PAVING									
10 FINAL LANDSCAPING									
11 CLEAN UP									
12 SOLID WASTE DISPOSAL									

NOTE: EROSION CONTROL MEASURES ARE TO BE MAINTAINED UNTIL FINAL SITE STABILIZATION HAS BEEN ESTABLISHED. THE SITE HAS BEEN CLEARED AND SITE CONSTRUCTION IS ESTIMATED TO COMMENCE DURING THE MONTH OF JUNE 2026.

ENGINEER'S ANTICIPATED ACTIVITY SCHEDULE

ACTIVITY	MO. 1	MO. 2	MO. 3	MO. 4	MO. 5	MO. 6	MO. 7	MO. 8	MO. 9
1 INSTALL SEDIMENT CONTROL DEVICES									
2 DEMOLITION AND CLEARING									
3 PAD GRADING AND EARTHWORK									
4 STORM DRAIN INSTALLATION									
5 SANITARY SEWER INSTALLATION									
6 GRASS (TEMP.) (PERM.)									
7 UTILITY INSTALLATION									
8 MAINTAIN EROSION CONTROL									
9 BLDG. CONST. AND PAVING									
10 FINAL LANDSCAPING									
11 CLEAN UP									
12 SOLID WASTE DISPOSAL									

ENGINEER'S CERTIFICATION

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.

JEFFREY P. MASISAK, PE, CPESC
GSWCC LEVEL II CERTIFICATION NO. 0000001217
EXPIRES: 05/05/2027

3/10/2026

DATE



I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

JEFFREY P. MASISAK, PE, CPESC
GSWCC LEVEL II CERTIFICATION NO. 0000001217
EXPIRES: 05/05/2027

3/10/2026

DATE



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 ACT AND THE DOCUMENT MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" MANUAL PUBLISHED BY THE GEORGIA CONSERVATION COMMISSION AS OF JANUARY 1 OF THIS 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 REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR1000001.

JEFFREY P. MASISAK, PE, CPESC
GSWCC LEVEL II CERTIFICATION NO. 0000001217
EXPIRES: 05/05/2027

3/10/2026

DATE



**EROSION CONTROL 24-HR CONTACT:
NAVEED MASOOD 404-274-1377**

PROPOSED CONVENIENCE STORE

5051 STONEWALL TELL ROAD UNION CITY, GA 30349

PREPARED FOR:

5051 STONEWALL TELL DEVELOPMENT, LLC

PARCEL ID: 09F340101340342

UNION CITY, FULTON COUNTY, GEORGIA

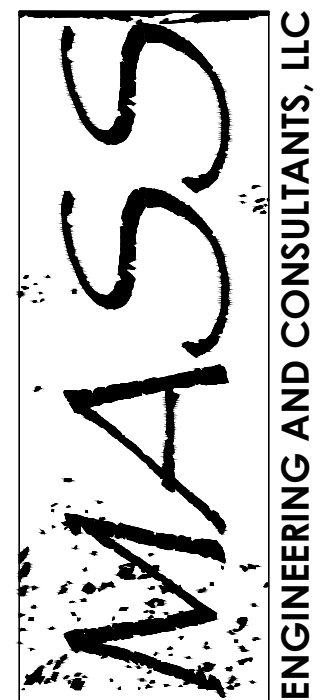


MASS ENGINEERING AND CONSULTANTS, LLC.

3469 ACWORTH DUE WEST ROAD, SUITE 665
ACWORTH, GEORGIA 30101

PHONE: 404 850 7790 EXT. 901
WWW.MASS-ENG.COM

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REVISIONS

DATE: DESCRIPTION:

EROSION CONTROL MEASURES:
PROJECT WILL INSTALL MULTIPLE MEASURES ON SITE PRIOR TO, DURING AND ONCE CONSTRUCTION IS COMPLETED. THE INITIAL PHASE OF EROSION CONTROL WILL BE TO INSTALL THE SILT FENCE AND CONSTRUCTION ENTRANCE/EXIT. DURING CONSTRUCTION THE PROJECT WILL IMPLEMENT TEMPORARY GRASSING AND DUST CONTROL, AND AT THE END OF THE PROJECT THE PERMANENT GRASSING AND SLOPE MATING WILL BE INSTALLED. FOR THE ENTIRE DURATION OF THE PROJECT MAINTENANCE WILL BE PERFORMED DAILY TO ENSURE NO SEDIMENT LEAVES THE SITE.

SOIL TYPES LEGEND
ApC - APPLING-HARD LABOR COMPLEX, 6 TO 10 PERCENT SLOPES, MODERATELY ERODED
CaC2 - CECIL SANDY LOAM, 6 TO 10 PERCENT SLOPES, MODERATELY ERODED
ReD - RION SANDY LOAM, 10 TO 15 PERCENT SLOPES

SEE EROSION CONTROL NOTE SHEETS FOR ALL EROSION CONTROL NOTES AND SPECIFICATIONS

SEDIMENT STORAGE SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION

EROSION, SEDIMENT AND POLLUTION CONTROL PLAN MEETS THE TMDL IMPLEMENTATION PLAN BY MEETING THE STATE GENERAL PERMIT

N/F PROPERTY OF
MAJESTIC AIRPORT CENTER V, BLDG I, LLC
DEED BOOK 59925 / PAGE 86

TOTAL PROPERTY AREA = 2.58 AC
DISTURBED AREA PHASE I = 2.60 AC
DISTURBED AREA PHASE II = 2.60 AC

PRE DEVELOPED CN = 55
POST DEVELOPED CN = 93

EROSION CONTROL 24-HR CONTACT:
NAVEED MASOOD 404-274-1377

JEFFREY P. MASISAK, PE, CPESC
35WCC LEVEL II, CERTIFICATION NO. 0000001217
EXPIRES: 05/05/2027
jeff@mass-eng.com
DATE: 3/10/2026
2026 EROSION CONTROL CHECKLIST ITEM



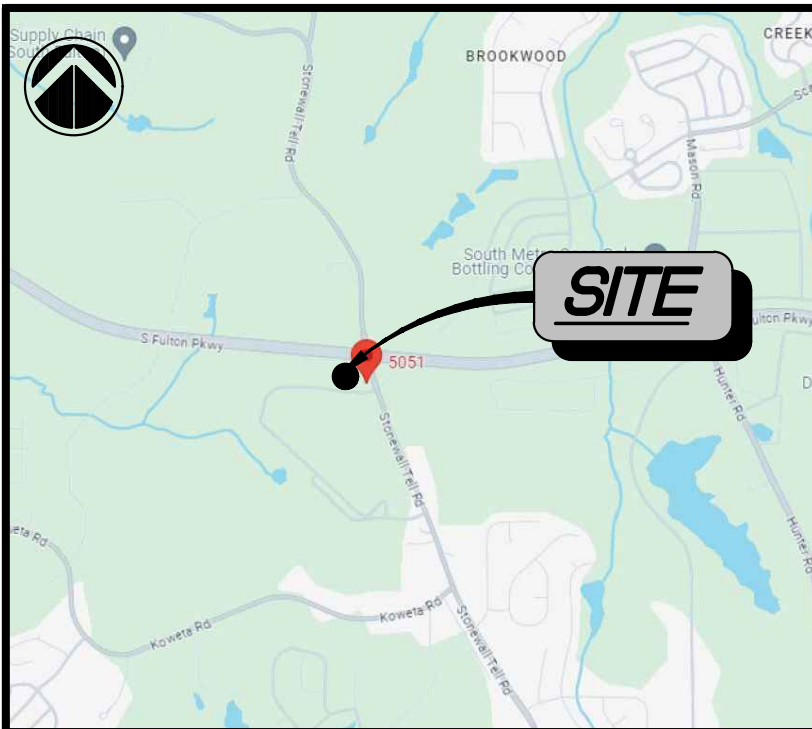
EROSION CONTROL PLAN - PHASE I
PROJECT NUMBER: 24-0018
DATE: MARCH 10, 2026
C-09

MASS
ENGINEERING AND CONSULTANTS, LLC

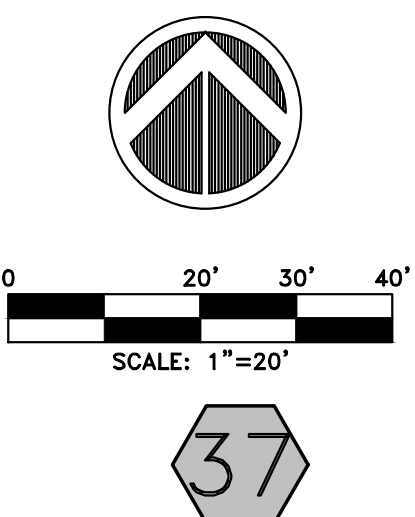
MASS ENGINEERING AND CONSULTANTS, LLC.
3409 ACWORTH DUE WEST ROAD, SUITE 605
ACWORTH, GEORGIA 30101
PHONE: 404.850.7790 EXT. 901
WWW.MASS-ENG.COM
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PROPOSED CONVENIENCE STORE
5051 STONEWALL TELL ROAD UNION CITY, GA 30349
PREPARED FOR:
5051 STONEWALL TELL DEVELOPMENT, LLC
PARCEL ID: 09F340101340342
UNION CITY, FULTON COUNTY, GEORGIA
LAND LOT 134, DISTRICT 9F



VICINITY MAP



- 14** NOTE: THE DESIGN PROFESSIONAL WHO PREPARED THE (ES&PC) PLAN MUST INSPECT AND CERTIFY THE INSTALLATION OF INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.
- 15** NOTE: 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-FOET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
- 17** NOTE: ANY AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
- 18** NOTE: WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- 19** NOTE: 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.
- 20** NOTE: EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLANS DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT'S SOURCE.
- 21** NOTE: ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 7 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING.
- 21** NOTE: THERE ARE NO ONSITE WETLANDS AND THERE ARE NO STATE WATERS ON OR WITHIN 200 FEET OF THE PROJECT SITE WITH NO BUFFER ENCROACHMENT REQUIREMENTS ON THIS PROPERTY.
- NOTE: THE TRACKING OF SOIL AND RAISING DUST SHALL BE CONTROLLED BY THE CONTRACTOR BY USE OF THE BMP'S SHOWN (Du, Co) AND ANY ADDITIONAL STABILIZATION METHODS ACCEPTED BY AND ADDRESSED BY THE GEORGIA EROSION AND SEDIMENT CONTROL 5TH EDITION.
- NOTE: CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY DAMAGE TO ROADWAY CAUSED BY HAULING OPERATIONS OUTSIDE OF PROJECT SITE.
- NOTE: THE (ES&PC) PLAN IS IN COMPLIANCE WITH WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS.
- NOTE: THIS PROJECT IS APPLYING FOR N.O.I. UNDER GAR100001 (STAND ALONE DEVELOPMENT)
- NOTE: THERE ARE NO IMPAIRED STREAM SEGMENTS IMPACTED AS PART OF THIS PROJECT

REQUIRED SEDIMENT STORAGE FOR PROJECT = 174.20 CY
REQUIRED SEDIMENT STORAGE
ACRES DISTURBED FOR PROJECT = 2.60 ACRES
67 CY PER ACRE DRAINED
TOTAL STORAGE VOLUME = 2.60*67 = 174.20 CY

PROVIDED SEDIMENT STORAGE FOR PROJECT = 206.1 CY

NOTE: THIS STORAGE IS PROVIDED WITH Sd4-C
REFER TO SHEET C09 FOR CALCULATIONS
STORAGE = 206.10 CY

49

EROSION CONTROL MEASURES:
PROJECT WILL INSTALL MULTIPLE MEASURES ON SITE PRIOR TO, DURING AND ONCE CONSTRUCTION IS COMPLETED. THE INITIAL PHASE OF EROSION CONTROL WILL BE TO INSTALL THE SILT FENCE AND CONSTRUCTION ENTRANCE/EXIT. DURING CONSTRUCTION THE PROJECT WILL IMPLEMENT TEMPORARY GRASSING AND DUST CONTROL, AND AT THE END OF THE PROJECT THE PERMANENT GRASSING AND SLOPE MATING WILL BE INSTALLED. FOR THE ENTIRE DURATION OF THE PROJECT MAINTENANCE WILL BE PERFORMED DAILY TO ENSURE NO SEDIMENT LEAVES THE SITE.

PHASE II LIMITS OF
DISTURBANCE = 2.60
ACRES

UNDERGROUND SYSTEM IS TO
NOT BE UTILIZED FOR
SEDIMENT STORAGE. THE
BOTTOM ELEVATION NEEDS TO
BE CLEANED PRIOR TO STONE
AND PIPE PLACEMENT.

Sd1-S
DOUBLE ROW TYPE "S"
SILT FENCE WITH
HAYBALES
TO BE CLEANED AT
HALF FULL

Sd2-P
PIGS-IN-A-BLANKET

Sd2-A1
EXCAVATED
DA=0.15 AC

PROPOSED
ONE-STORY CONVENIENCE STORE
NOT SPRINKLERED
6762 SF
48 PARKING SPACES
FFE-0683.00

WASHOUT AREA
SOLID MATERIALS SHALL BE
REMOVED FROM THE SITE AND
BROUGHT TO A PROCESSING
FACILITY THAT CAN DISPOSE
OF THEM PROPERLY.

EXCAVATED
DA=0.38 AC

EXCAVATED
DA=0.27 AC

EXCAVATED
DA=0.40 AC

SOIL TYPES LEGEND

Apc - APPLING-HARD LABOR COMPLEX, 6 TO 10 PERCENT SLOPES, MODERATELY ERODED
Cec2 - CECIL SANDY LOAM, 6 TO 10 PERCENT SLOPES, MODERATELY ERODED
Rcd - RICH SANDY LOAM, 10 TO 15 PERCENT SLOPES

SEDIMENT STORAGE SHALL BE PROVIDED AT ALL
TIMES DURING CONSTRUCTION

EROSION, SEDIMENT AND POLLUTION CONTROL
PLAN MEETS THE TMDL IMPLEMENTATION PLAN BY
MEETING THE STATE GENERAL PERMIT

N/E PROPERTY OF
MAJESTIC AIRPORT CENTER V, BLDG 1, LLC
DEED BOOK 59925 / PAGE 86

TOTAL PROPERTY AREA = 2.58 AC
DISTURBED AREA PHASE I = 2.60 AC
DISTURBED AREA PHASE II = 2.60 AC

PRE DEVELOPED CN = 55
POST DEVELOPED CN = 93

EROSION CONTROL 24-HR CONTACT:
NAVEED MASOOD 404-274-1377

REQUIRED SEDIMENT STORAGE
FOR PROJECT = 174.2 CY

REQUIRED SEDIMENT STORAGE
ACRES DISTURBED FOR PROJECT = 2.60 ACRES
67 CY PER ACRE DRAINED
TOTAL STORAGE VOLUME = 2.60*67 = 174.2 CY

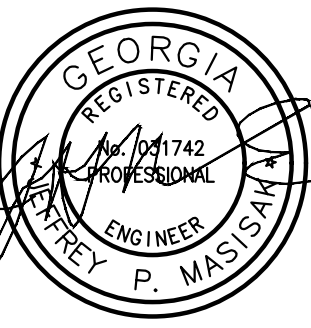
PROVIDED SEDIMENT STORAGE
FOR PROJECT = 209.8 CY

NOTE:
THIS STORAGE IS PROVIDED WITH EXCAVATED SEDIMENT TRAPS. REFER TO
SHEET C16 FOR STORAGE AMOUNTS AND TRAP SIZING



VICINITY MAP
N.T.S.

- 14 NOTE: THE DESIGN PROFESSIONAL WHO PREPARED THE (ES&PC) PLAN MUST INSPECT AND CERTIFY THE INSTALLATION OF INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.
- 15 NOTE: 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-FOET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS
- 17 NOTE: ANY AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
- 18 NOTE: WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- 19 NOTE: 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.
- 20 NOTE: EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLANS DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT'S SOURCE.
- 21 NOTE: ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 7 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING.
- NOTE: THERE ARE NO ONSITE WETLANDS AND THERE ARE NO STATE WATERS ON OR WITHIN 200 FEET OF THE PROJECT SITE WITH NO BUFFER REQUIREMENTS ON THIS PROPERTY.
- NOTE: THE TRACKING OF SOIL AND RAISING DUST SHALL BE CONTROLLED BY THE CONTRACTOR BY USE OF THE BMP'S SHOWN (Du, Co) AND ANY ADDITIONAL STABILIZATION METHODS ACCEPTED BY AND ADDRESSED BY THE GEORGIA EROSION AND SEDIMENT CONTROL 5TH EDITION.
- NOTE: CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY DAMAGE TO ROADWAY CAUSED BY HAULING OPERATIONS OUTSIDE OF PROJECT SITE.
- NOTE: THE (ES&PC) PLAN IS IN COMPLIANCE WITH WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS.
- NOTE: THIS PROJECT IS APPLYING FOR N.O.I. UNDER GAR100001 (STAND ALONE DEVELOPMENT)
- NOTE: THERE ARE NO IMPAIRED STREAM SEGMENTS IMPACTED AS PART OF THIS PROJECT



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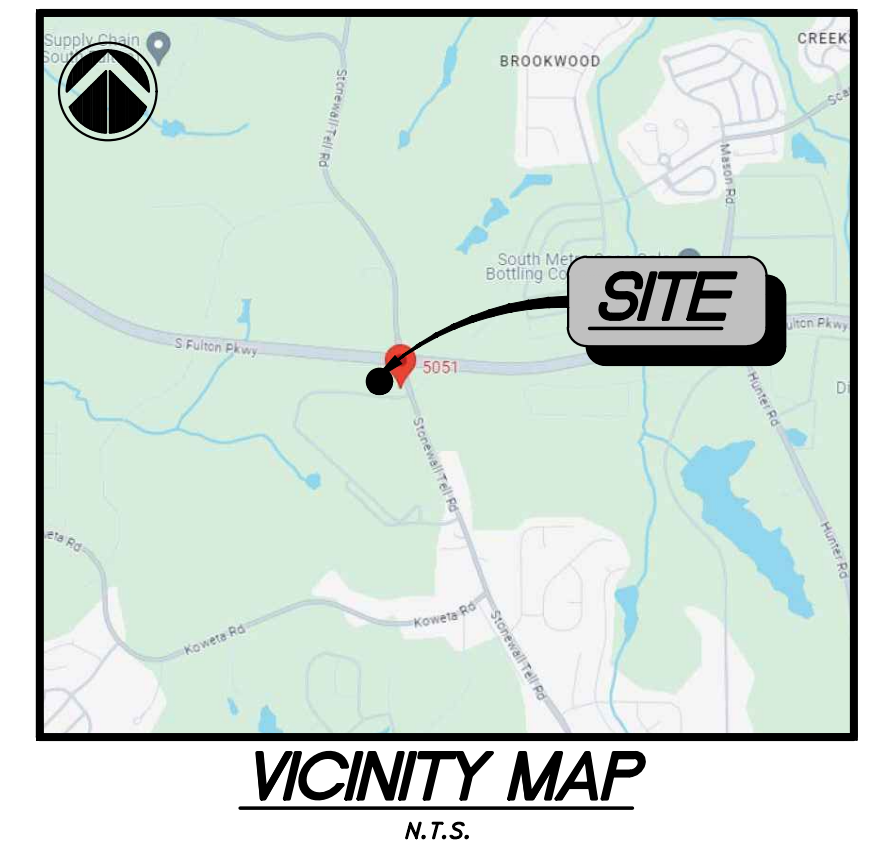
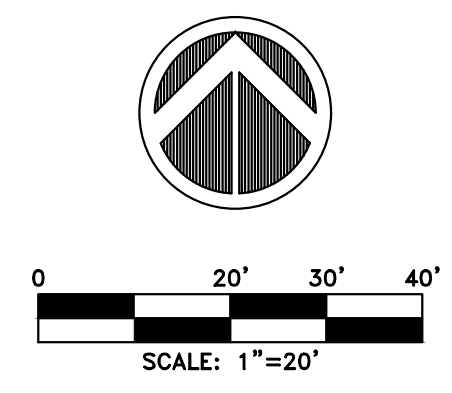
EROSION CONTROL
PLAN - PHASE II

PROJECT NUMBER:

DATE: 24-0018

MARCH 10, 2026

C-10



5051 STONEWALL TELL ROAD UNION CITY, GA 30349

PROPOSED CONVENIENCE STORE

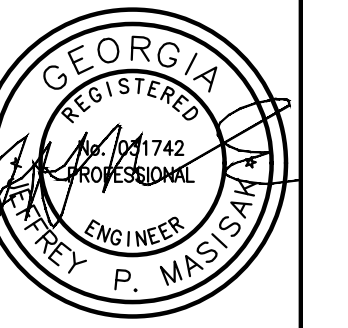
PREPARED FOR:

5051 STONEWALL TELL DEVELOPMENT, LLC

PARCEL ID: 09F340101340342

LAND LOT 134, DISTRICT 9F

UNION CITY, FULTON COUNTY, GEORGIA



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[illegible]

SEDIMENT STORAGE SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION

EROSION, SEDIMENT AND POLLUTION CONTROL PLAN MEETS THE TMDL IMPLEMENTATION PLAN BY MEETING THE STATE GENERAL PERMIT

SEE EROSION CONTROL NOTE SHEETS FOR ALL EROSION CONTROL NOTES AND SPECIFICATIONS

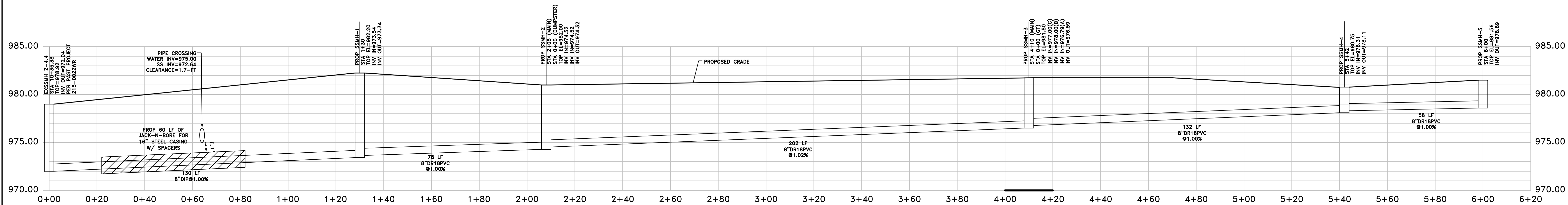
EROSION CONTROL 24-HR CONTACT:
NAVEED MASOOD 404-274-1377


JEFFREY P. MASIAS, PE, CPESC DATE
CSWCC LEVEL II CERTIFICATION NO. 0000001217
EXPIRES: 05/05/2027
jeffp@mass-eng.com



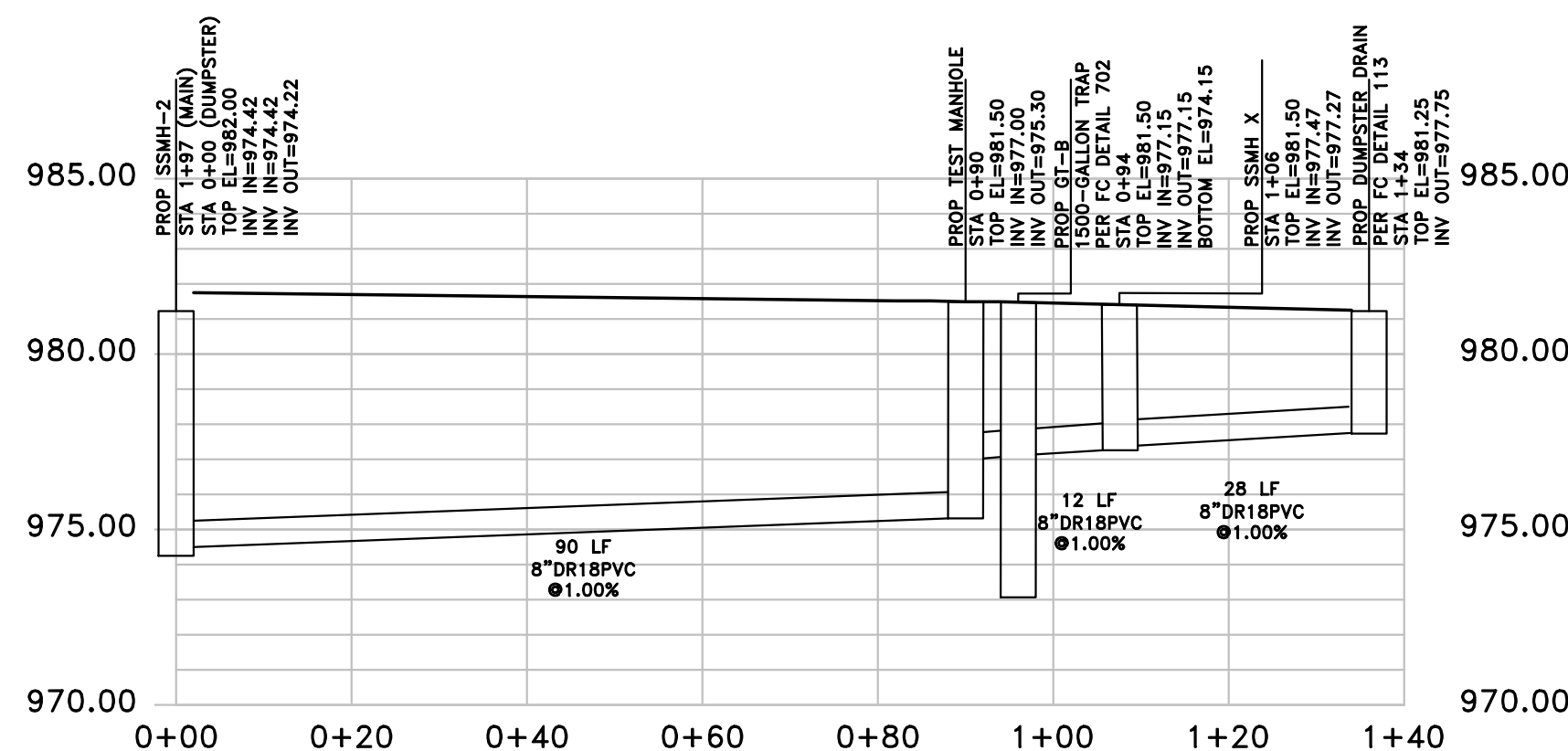
STORM C1 TO C4
SCALE: HORIZONTAL 1"=20', VERTICAL 1"=5'

C-12



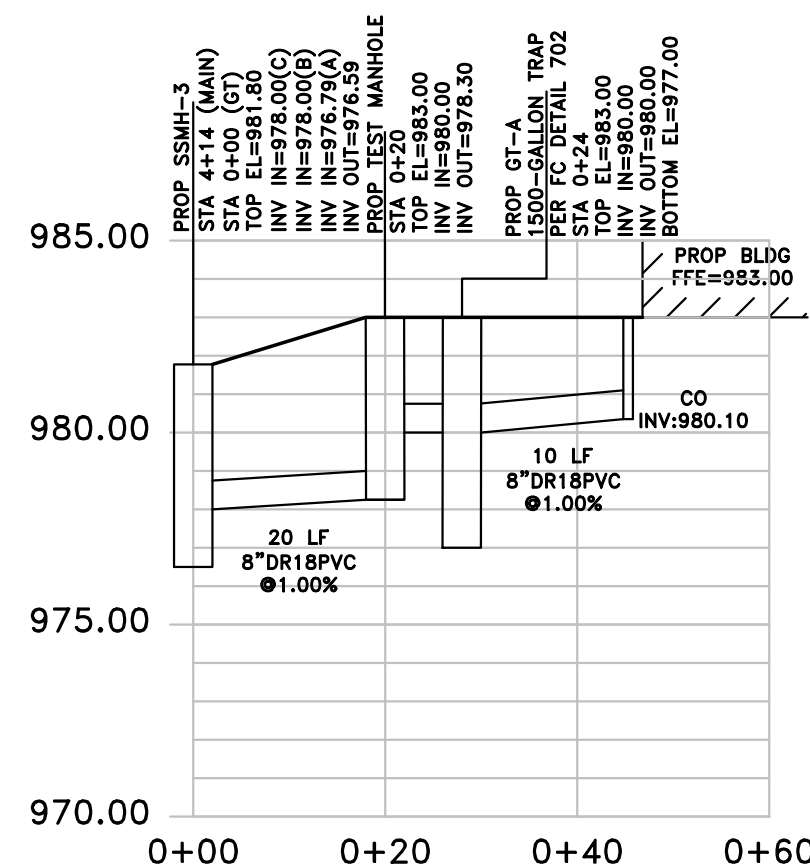
SANITARY SEWER PROFILE: EXSSMH Z-4.4 TO SSMH5

SCALE: HORIZONTAL 1"=20'. VERTICAL 1"=5'



SANITARY SEWER PROFILE: SSMH-2 TO DUMPSTER DRAIN

SCALE: HORIZONTAL 1"=20', VERTICAL 1"=5'



SANITARY SEWER PROFILE

SSMH-3 TO BUILDING

SCALE: HORIZONTAL 1"=20'. VERTICAL 1"=5'

FCDWR PIPE NOTES:

HDPE AND C900 PVC PIPES TO BE USED WITH WASTEWATER APPLICATIONS ONLY

- a. DUCTILE IRON PIPES MAY BE USED FOR WASTEWATER APPLICATIONS ONLY WITH SPECIFIC APPROVAL BY THE FCPW.
- b. MINIMUM THICKNESS FOR HDPE PIPES SHALL BE DR 17.
- c. FOR SEWER INSTALLATIONS WITH NO LIVE LOAD AND NOT ALONG STREAM BANKS, THE STANDARD PIPE SHALL BE DR 26 PVC OR HDPE DR 17 IN DUCTILE IRON PIPE SIZE (DIPS) FOR PIPE SIZES 8-INCH THROUGH 48-INCH WITH MAXIMUM BURY DEPTH OF 20 FEET.
- d. FOR SEWER INSTALLATIONS WITH HS20/25 LIVE LOADS, OR WITH BURY DEPTH GREATER THAN 20 FEET AND NOT ALONG STREAM BANKS, THE STANDARD PIPE SHALL BE DR 18 PVC OR HDPE DR17 IN DUCTILE IRON PIPE SIZE (DIPS) FOR PIPE SIZES 8-INCH THROUGH 30-INCH.
- e. FOR FORCE MAINS, REGARDLESS OF BURY DEPTH, LIVE LOAD REQUIREMENTS AND NOT ALONG RIVERBANKS, THE STANDARD PIPE SHALL BE DR 18 PVC OR HDPE DR 11 IN DUCTILE IRON PIPE SIZE (DIPS) FOR PIPE SIZES 8-INCH THROUGH 30-INCH.
- f. FOR SEWER INSTALLATIONS WITH NO LIVE LOADS AND LOCATED ALONG STREAM BANKS, THE STANDARD PIPE SHALL BE DR 17 HDPE IN DUCTILE IRON PIPE SIZE (DIPS) FOR PIPE SIZES 8-INCH THROUGH 48-INCH AND MAXIMUM BURY DEPTH OF 20 FEET.

PIPE NOTES:

ALL STORM PIPE AND STRUCTURES SHALL COMPLY WITH GDOT STANDARDS FOR DESIGN, CONSTRUCTION AND INSTALLATION.

INVERTS ON ALL STRUCTURES TO BE PAVED SMOOTH

ALL METAL PIPES USED MUST BE BCCMP WITH RE-ROLLED ENDS AND HUGGER/CORRUGATED BANDS USED FOR CONNECTION.

ANY STRUCTURE PLACED COMPLETELY WITHIN FILL MUST HAVE 98% STANDARD PROCTOR COMPACTION

HDPE MATERIAL NOTE:

HDPE PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-294 AND AASHTO MP7, TYPE S&D. CONNECTIONS SHALL USE A RUBBER GASKET, WHICH CONFORMS TO ASTM F-477. INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM RECOMMENDED PRACTICE D-2321, AASHTO SECTION 30, OR WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS BRIDGES.

HDPE PIPE MUST CONFORM WITH CURRENT GEORGIA DEPARTMENT OF
TRANSPORTATION STANDARDS (STANDARD THERMOPLASTIC PIPE 1030P). ASTM F2648
PIPE IS NOT AN ACCEPTABLE SUBSTITUTION.

RCP MATERIAL NOTE:

ALL RCP PIPE JOINTS SHALL BE BELL & SPIGOT TYPE WITH A RUBBER GASKET CONFORMING TO ASTM C-443. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH AASHTO M-170 AND/OR ASTM C-76. CLASS OF PIPE AND WALL THICKNESS SHALL BE IN ACCORDANCE WITH 1030-D, GEORGIA DOT SPECIFICATION, TABLE NO. 1. INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS AND BRIDGES.

CMP NOTES:

ALL ALUMINUM COATED TYPE 2 STEEL PIPE OR ALUMINUM ALLOY PIPE WHICH WILL CARRY A LIVE STREAM, SHALL HAVE PAVED INVERTS IN ACCORDANCE WITH AASHTO M-190, TYPE C, EXCEPT THAT THE PIPE NEED NOT BE FULLY COATED. INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS. CONSTRUCTION OF ROADS AND BRIDGES.

ALL STORM DRAIN PIPES LOCATED OUTSIDE OF THE RIGHT-OF-WAY SHALL BE MAINTAINED BY THE PROPERTY OWNER. IF IT BECOMES NECESSARY FOR HENRY COUNTY TO PROVIDE ANY MAINTENANCE OR MAKE ANY REPAIRS TO THE LINE THAT ADJACENT PROPERTY OWNER'S ARE RESPONSIBLE FOR THE REPAIR OF THE ROADWAY OR OTHER PROPERTY OWNER UPSTREAM FROM THIS LINE. HENRY COUNTY WILL BACK CHARGE THE PROPERTY OWNER FOR ALL EXPENSES INCURRED IN CORRECTING THE DRAINAGE PROBLEM. HENRY COUNTY SHALL NOT BE RESPONSIBLE FOR DAMAGE TO ANY IMPROVEMENTS ON THIS SITE RESULTING FROM THE REPAIR OF THE DRAINAGE SYSTEM. HENRY COUNTY SHALL NOT BE RESPONSIBLE FOR CURB AND GUTTER PAYMENT, OR OTHER INFRASTRUCTURE IMPROVEMENTS.

FULTON COUNTY PERMIT NO.: WRS24-050

PROPOSED CONVENIENCE STORE

5051 STONEWALL TELL ROAD, UNION CITY GA 30349

PROPOSED CONVENIENCE STORE

5051 STONEWALL TELL ROAD UNION CITY, GA 30349

5051 STONEWALL TELL DEVELOPMENT, LLC

PARCEL ID: 09F340101340342

UNION CITY, FULTON COUNTY, GEORGIA



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SANITARY SEWER PIPE PROFILES

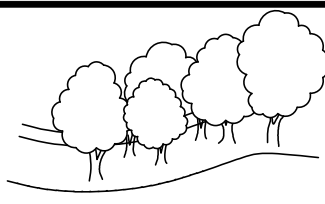
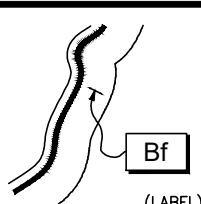
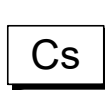
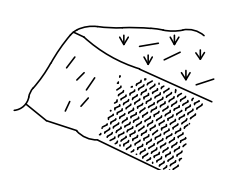
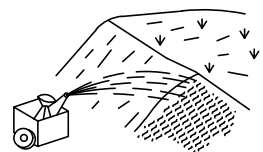
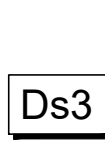
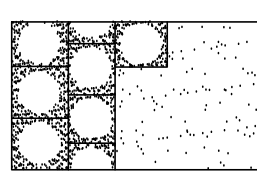
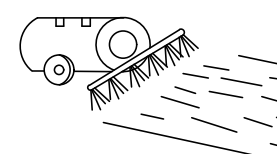
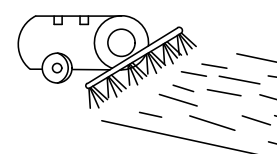
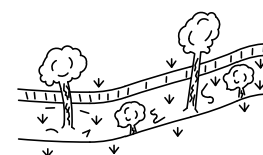
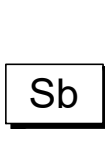
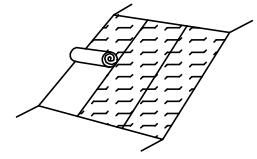
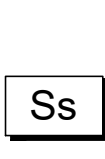
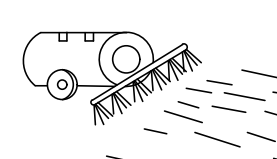
PROJECT NUMBER:

DATE: **MARCH 10, 2026**

C-13

FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES
GEORGIA SOIL AND WATER CONSERVATION COMMISSION

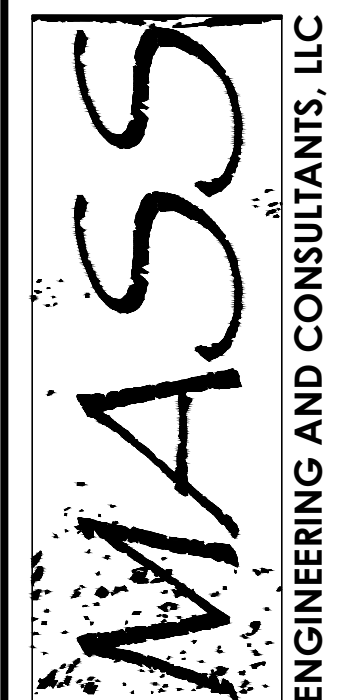
VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Bf	BUFFER ZONE			Strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bordering streams.
Cs	COASTAL DUNE STABILIZATION (WITH VEGETATION)			Planting vegetation on dunes that are denuded artificially constructed, or re-nourished.
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)			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 (SODDING)			A permanent vegetative cover using sods on highly erodable or critically eroded lands.
Du	DUST CONTROL ON DISTURBED AREAS			Controlling surface and air movement of dust on construction site, roadways and similar sites.
Fl-Co	FLOCCULANTS AND COAGULANTS			Substance formulated to assist in the solids/liquid separation of suspended particles in solution.
Sb	STREAMBANK STABILIZATION (USING PERM VEGETATION)			The use of readily available native plant materials to maintain and enhance streambanks, or to prevent, or restore and repair small streambank erosion problems.
Ss	SLOPE STABILIZATION			A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.
Tac	TACKIFIERS AND BINDERS			Substance used to anchor straw or hay mulch by causing the organic material to bind together.
SOIL DELINEATION LINE				Represents approximate location of soil classification changes based on scanned in soils maps.
SOIL TYPES SERIES				Represents the soil classification as defined in soils maps, and has not been coordinated with any geotechnical data.
LIMITS OF DISTURBANCE LINE				Used to define limits of construction as well as areas disturbed as part of construction, including areas of potential earth or vegetative disturbance.
FLOW ARROW (EXISTING)				Shows how existing drainage flows by providing approximate flow direction.

PROPOSED CONVENIENCE STORE
5051 STONEWALL TELL ROAD UNION CITY, GA 30349
PREPARED FOR
5051 STONEWALL TELL DEVELOPMENT, LLC
PARCEL ID: 08F340101340342
LAND LOT 134, DISTRICT 9F
UNION CITY, FULTON COUNTY, GEORGIA

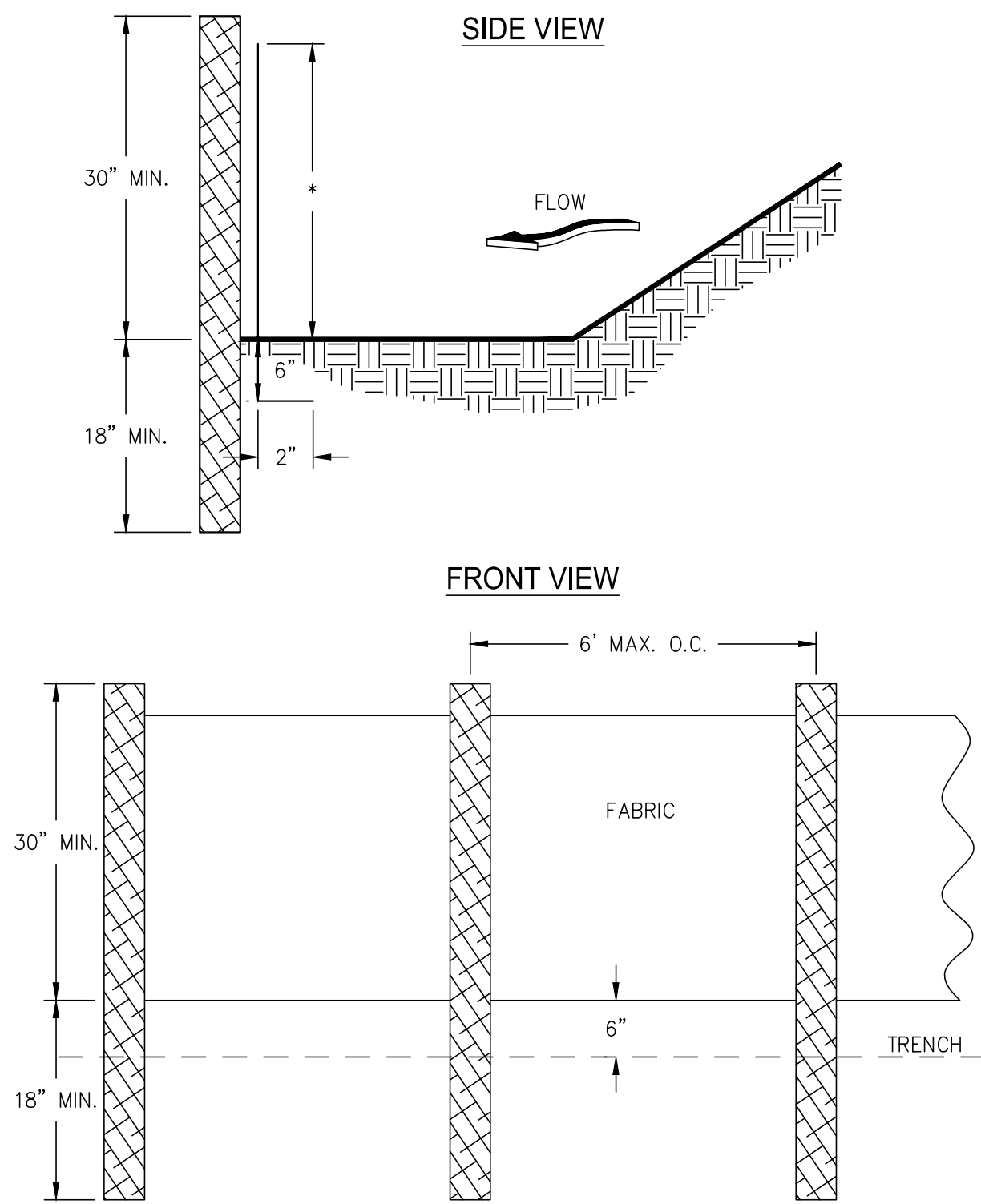


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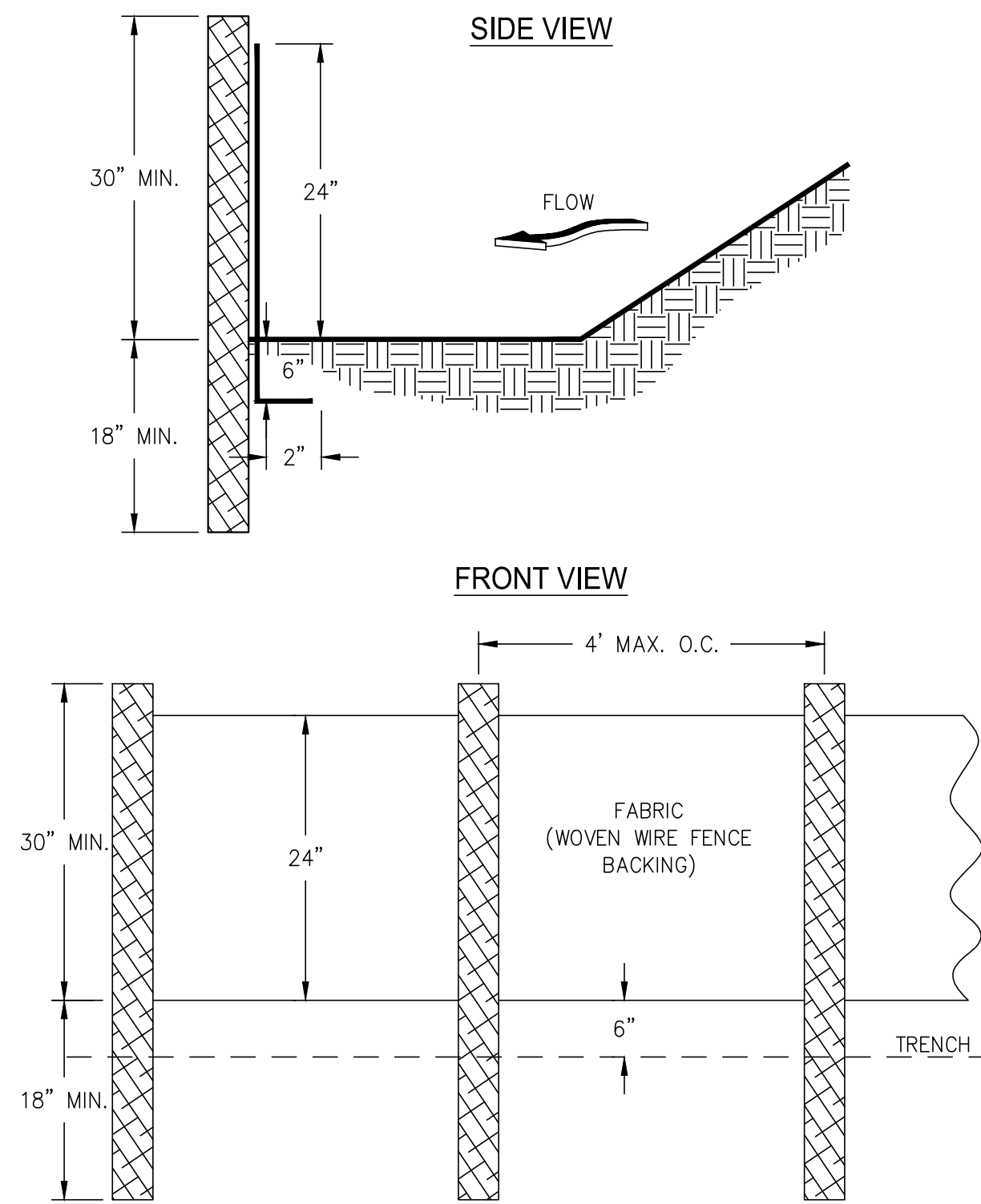
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DATE:	DESCRIPTION
DETAILS	
PROJECT NUMBER:	
24-0018	
DATE:	MARCH 10, 2026
C-14	

SILT FENCE - TYPE NON-SENSITIVE Sd1-NS



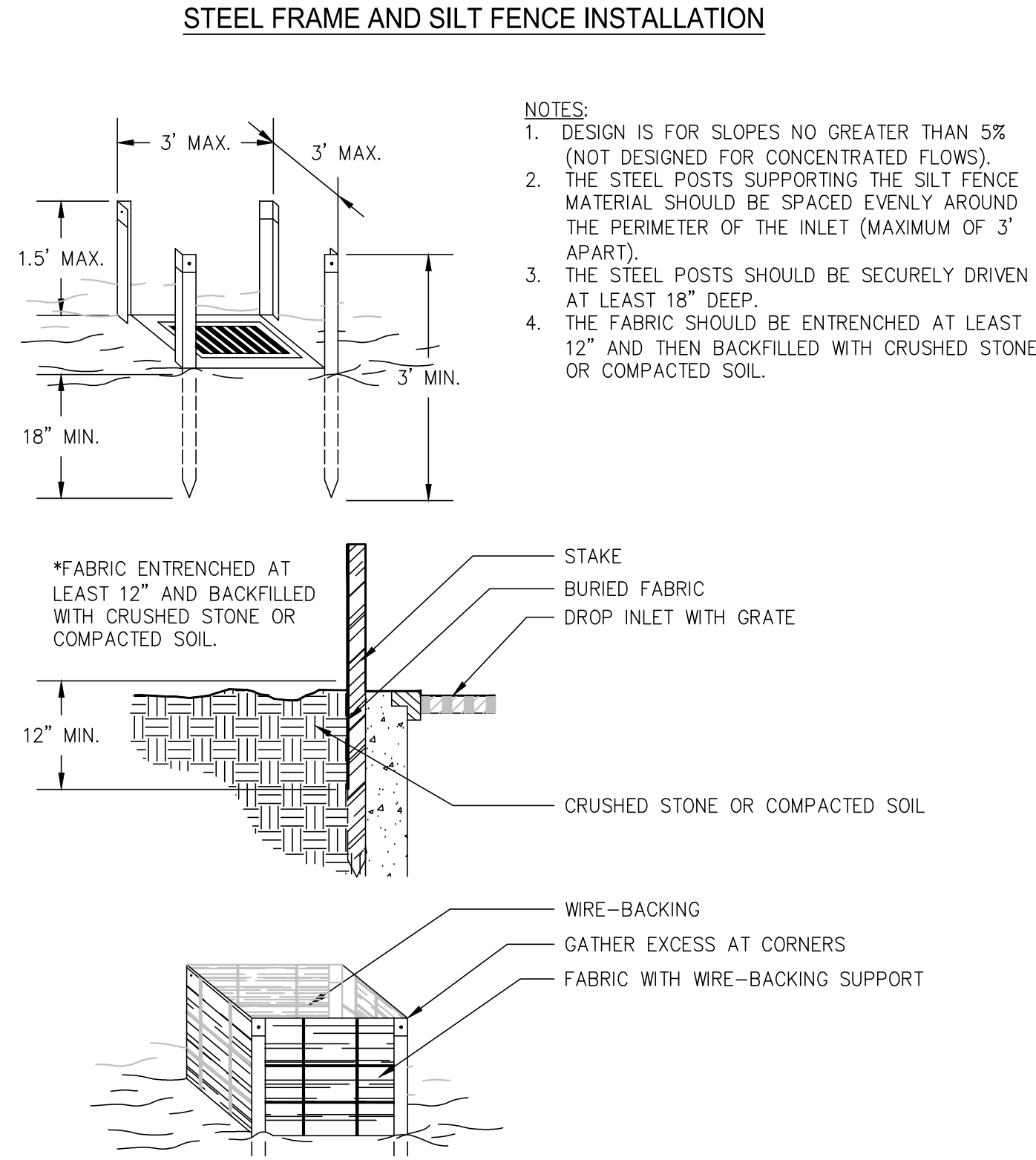
- NOTES:
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
 2. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

SILT FENCE - TYPE SENSITIVE Sd1-S



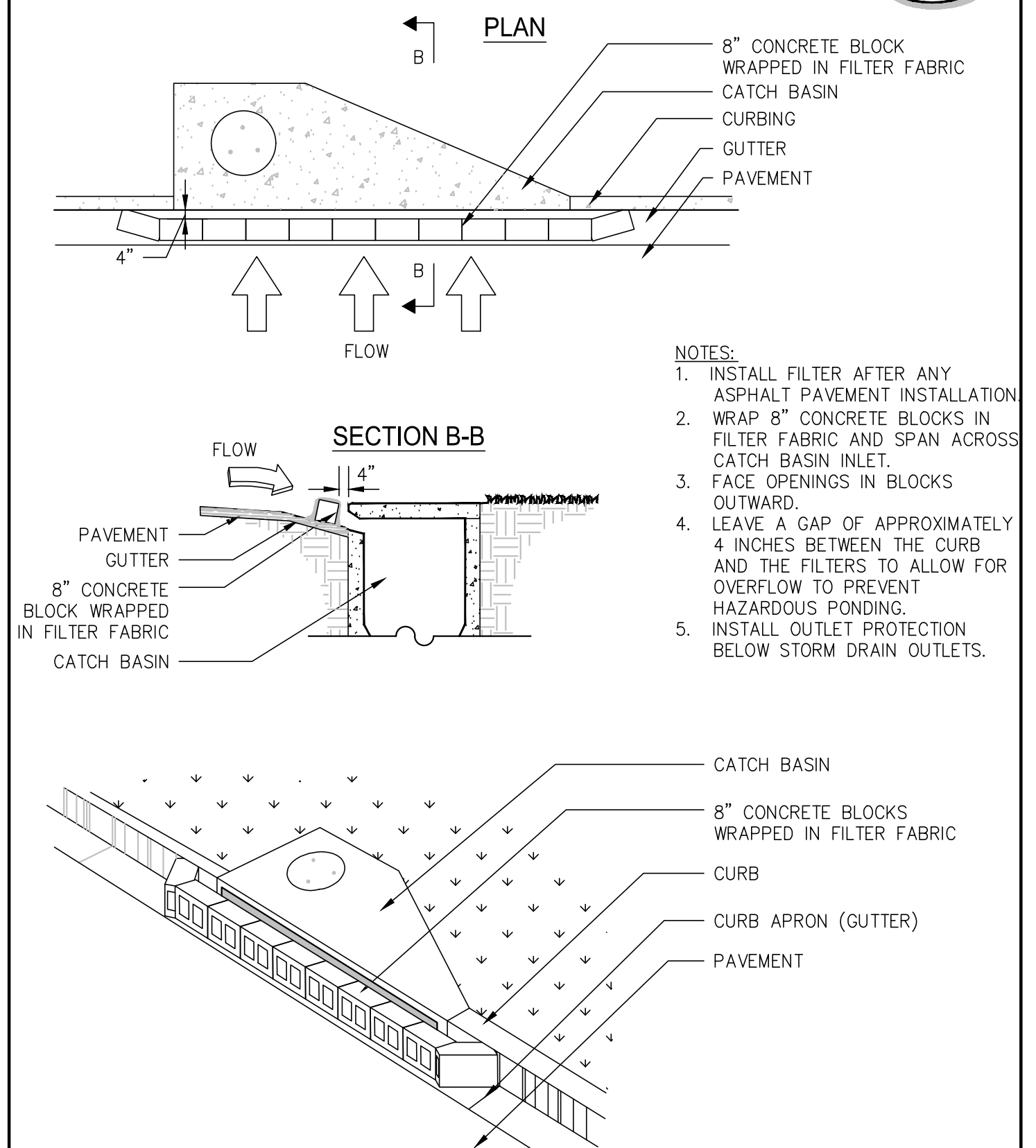
- NOTES:
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
 2. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION Sd2-F



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

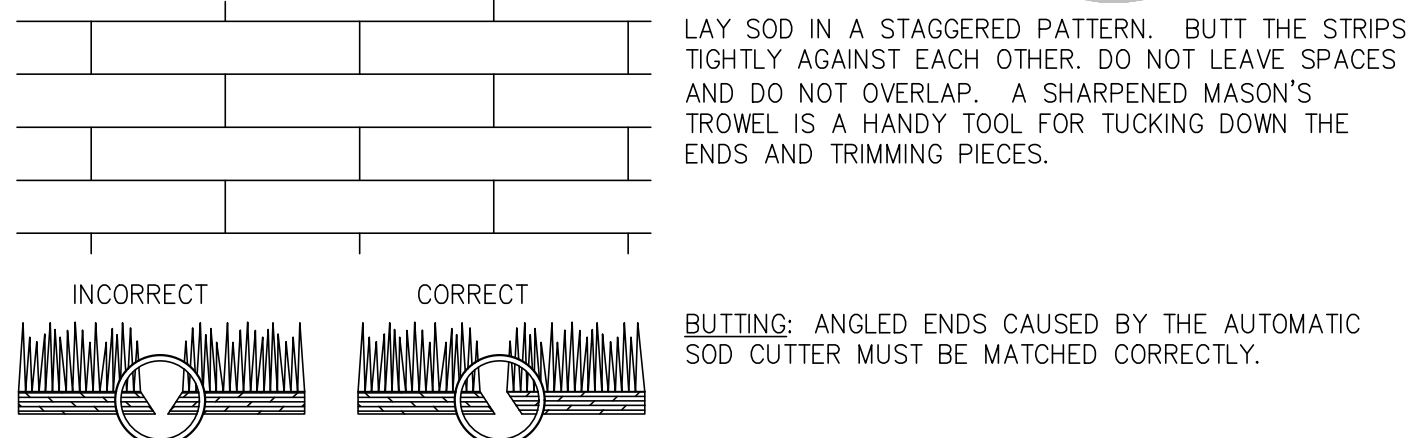
CURB INLET FILTER "PIGS IN BLANKET" Sd2-P



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

SOD MAINTENANCE AND INSTALLATION

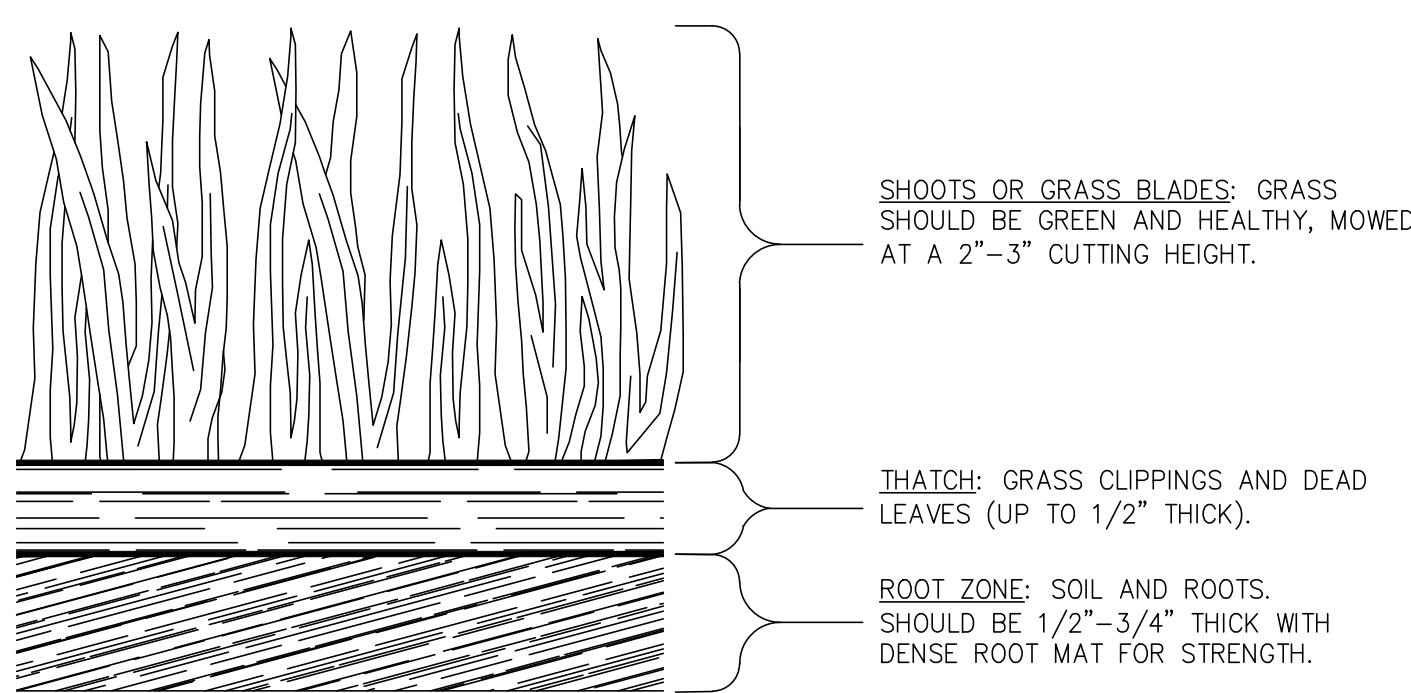
SOD LAYOUT AND PREPARATION Ds4



DIRECTIONS FOR INITIAL MAINTENANCE

- Step 1. ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL.
- Step 2. WATER TO A DEPTH OF 4" AS NEEDED. WATER WELL AS SOON AS THE SOD IS LAID.
- Step 3. MOW WHEN THE SOD IS ESTABLISHED -- IN 2-3 WEEKS. SET THE MOWER HIGH (2"-3").

APPEARANCE OF GOOD SOD

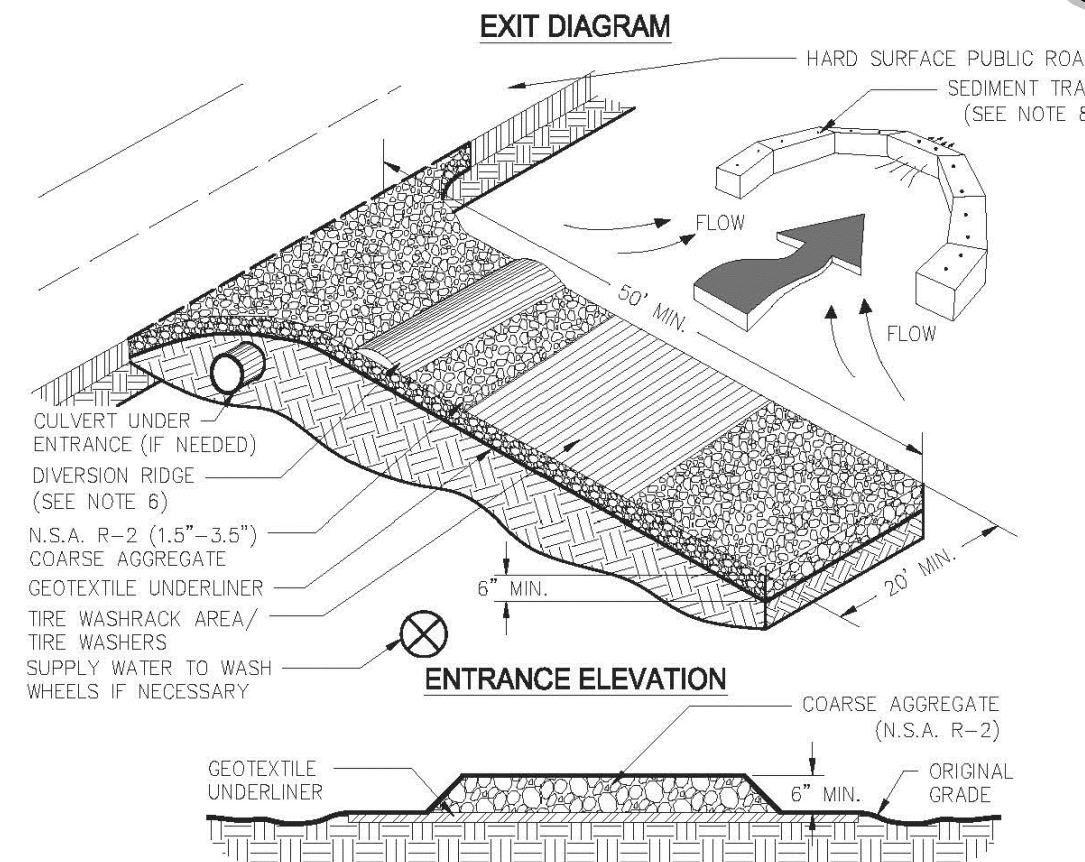


MAINTENANCE

The exit shall be maintained in a condition that will prevent tracking or flow of mud onto public rights-of-way. This may require periodic top dressing with 1.5-3.5 inch stone, as conditions demand, and repair and/or cleanout of any structures to trap sediment. All materials spilled,

dropped, washed, or tracked from vehicles or site onto roadways or into storm drains must be removed immediately.

CRUSHED STONE CONSTRUCTION EXIT Co

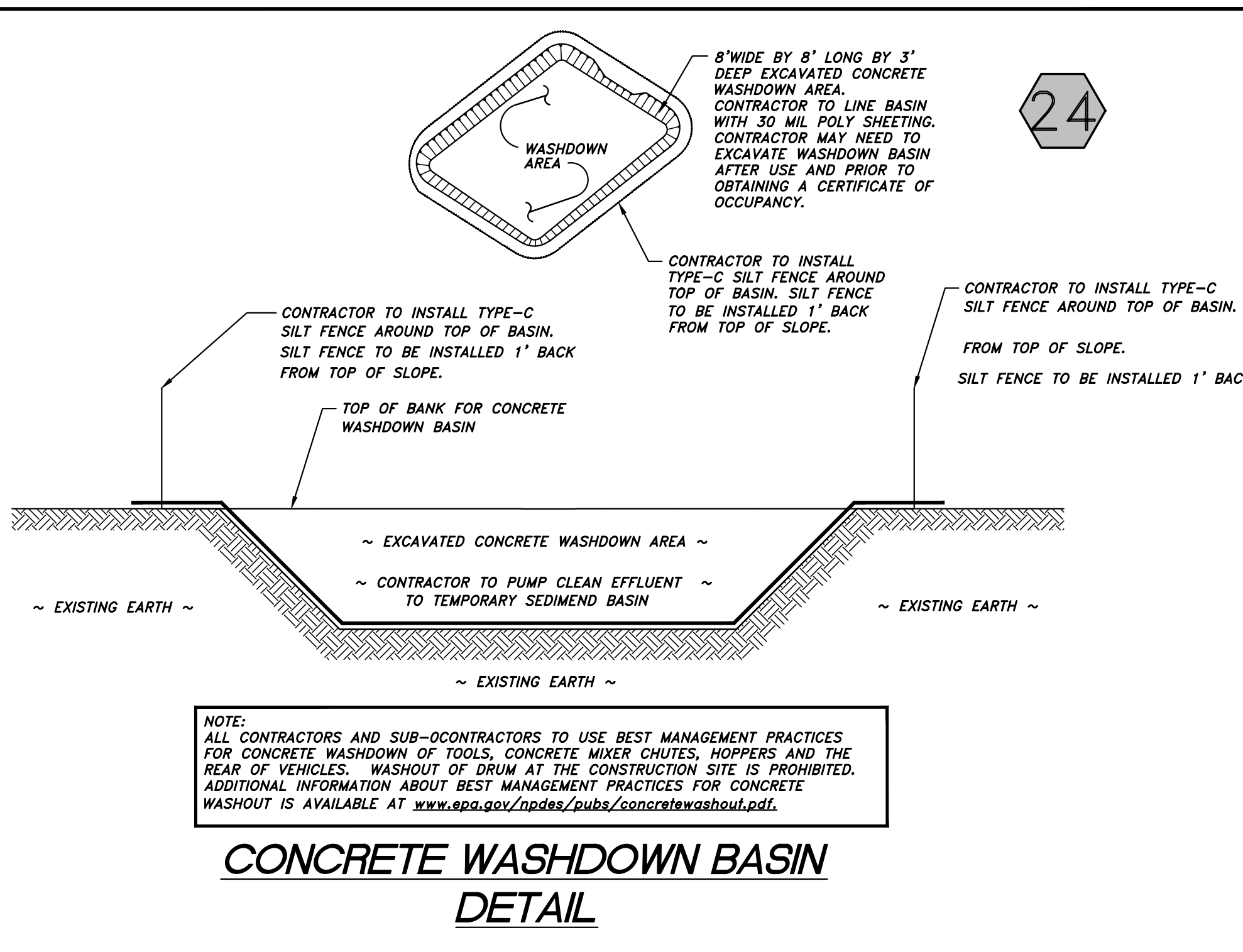


- NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
 2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
 3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
 4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
 5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
 6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
 7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
 8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
 9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
 10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

Figure 6-14.1

GSWCC 2016 Edition

6-90



NOTE: ALL CONTRACTORS AND SUB-CONTRACTORS TO USE BEST MANAGEMENT PRACTICES FOR CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS AND THE REAR OF VEHICLES. WASHOUT OF DRUM AT THE CONSTRUCTION SITE IS PROHIBITED. ADDITIONAL INFORMATION ABOUT BEST MANAGEMENT PRACTICES FOR CONCRETE WASHOUT IS AVAILABLE AT www.epa.gov/npdes/pubs/concretemwashout.pdf.

CONCRETE WASHDOWN BASIN DETAIL

JEFFREY P. MASISAK, PE, CPESC
GSWCC LEVEL II CERTIFICATION NO. 0000001217
EXPIRES: 05/05/2027
JEFF@mass-eng.com

DATE: 3/10/2026

2026 EROSION CONTROL CHECKLIST ITEM



PROPOSED CONVENIENCE STORE

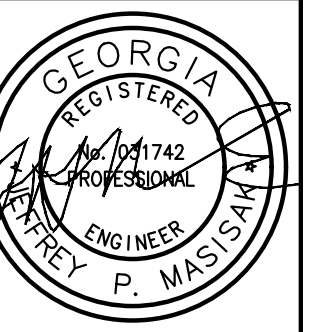
5051 STONEWALL TELL ROAD UNION CITY, GA 30349

PREPARED FOR:

5051 STONEWALL TELL DEVELOPMENT, LLC

PARCEL ID: 09F340101340342

LAND LOT 134, DISTRICT 9F

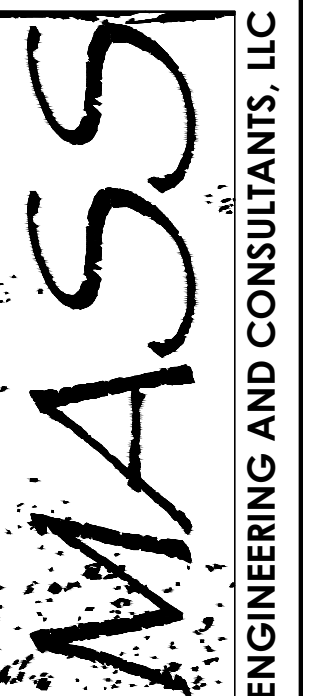


MASS ENGINEERING AND CONSULTANTS, LLC.

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DATE: DESCRIPTION:

DETAILS

PROJECT NUMBER:

24-0018

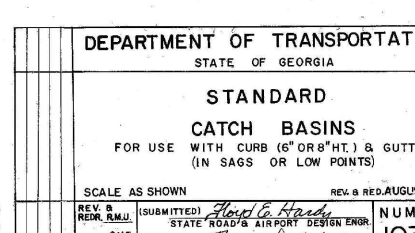
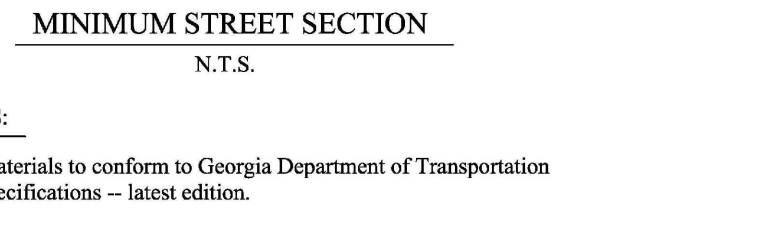
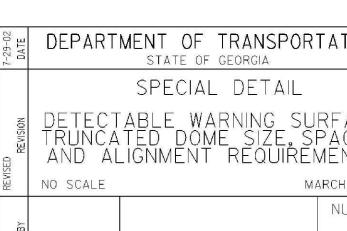
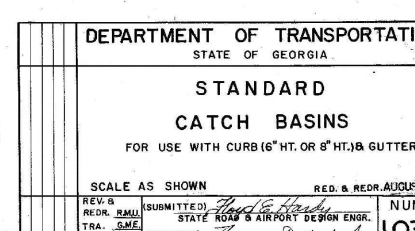
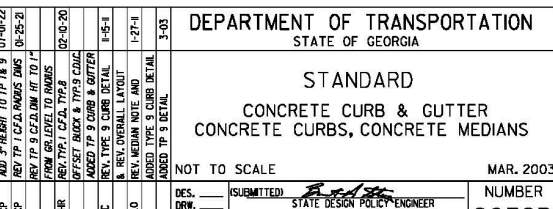
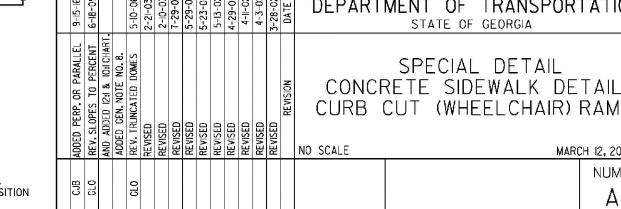
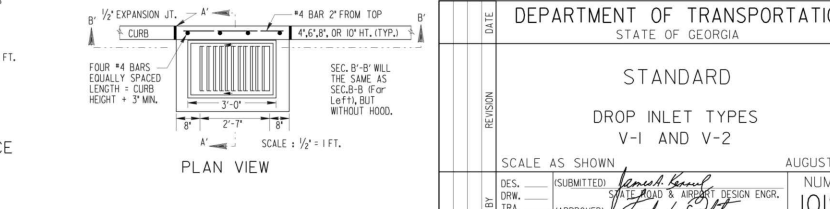
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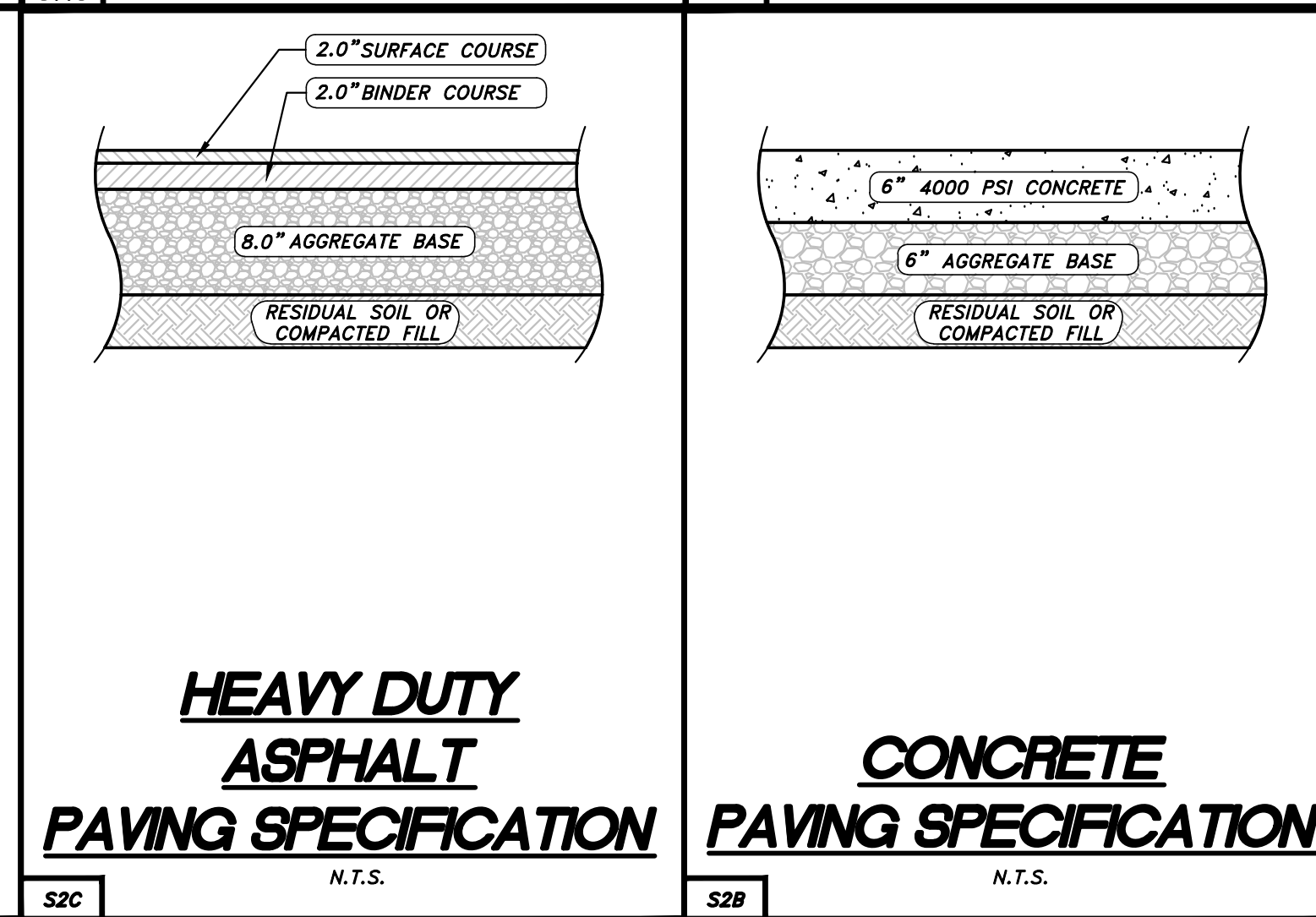
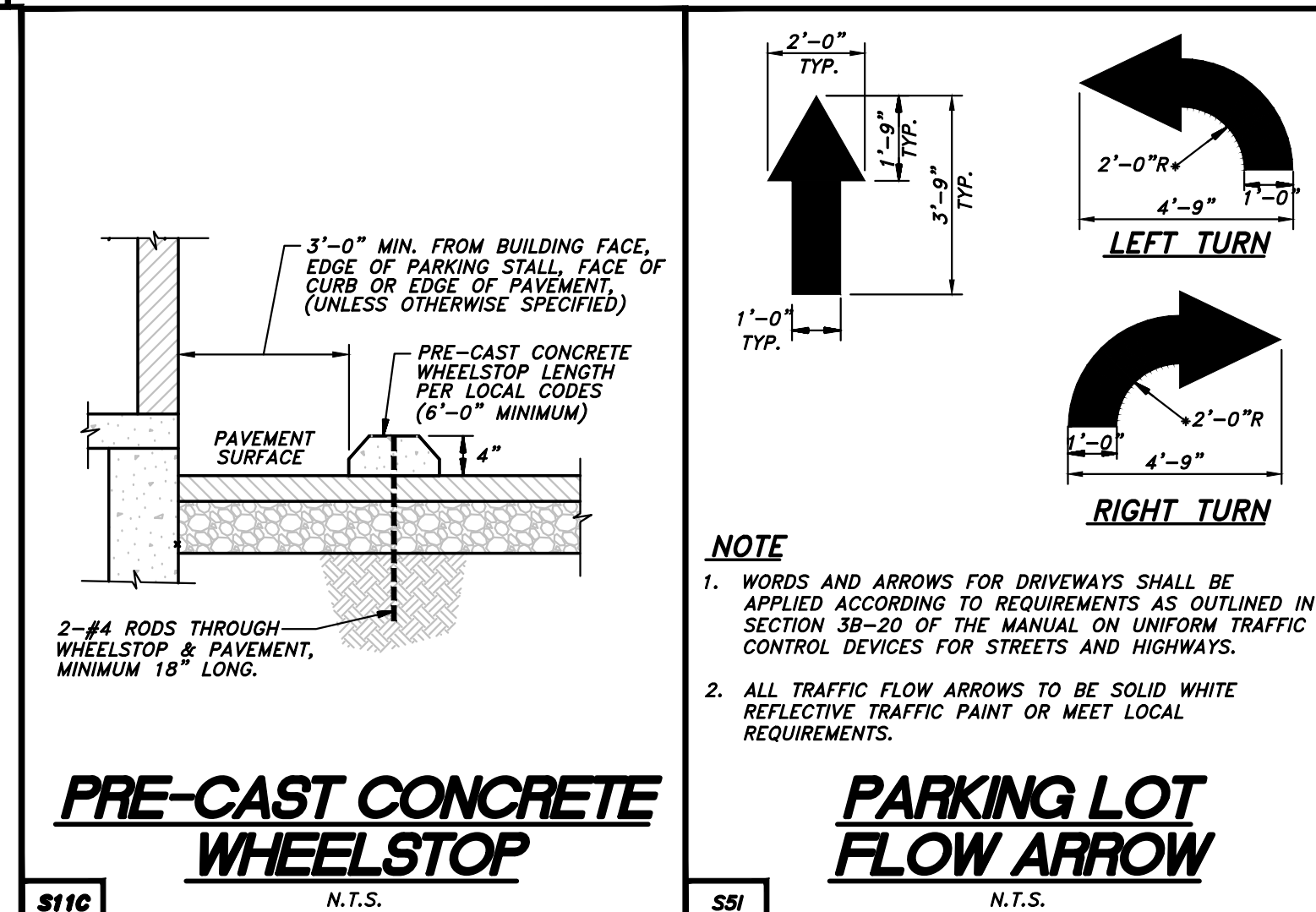
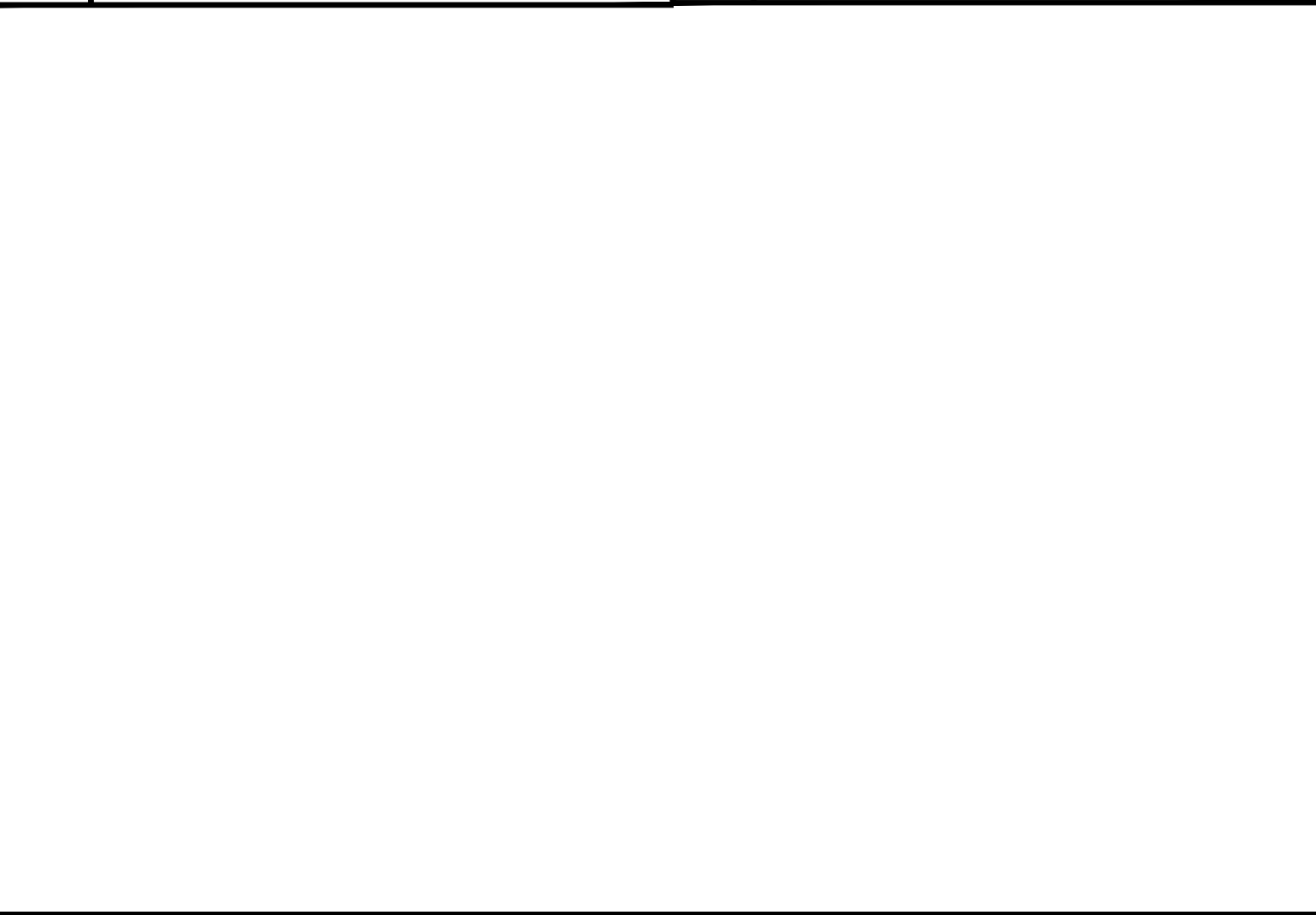
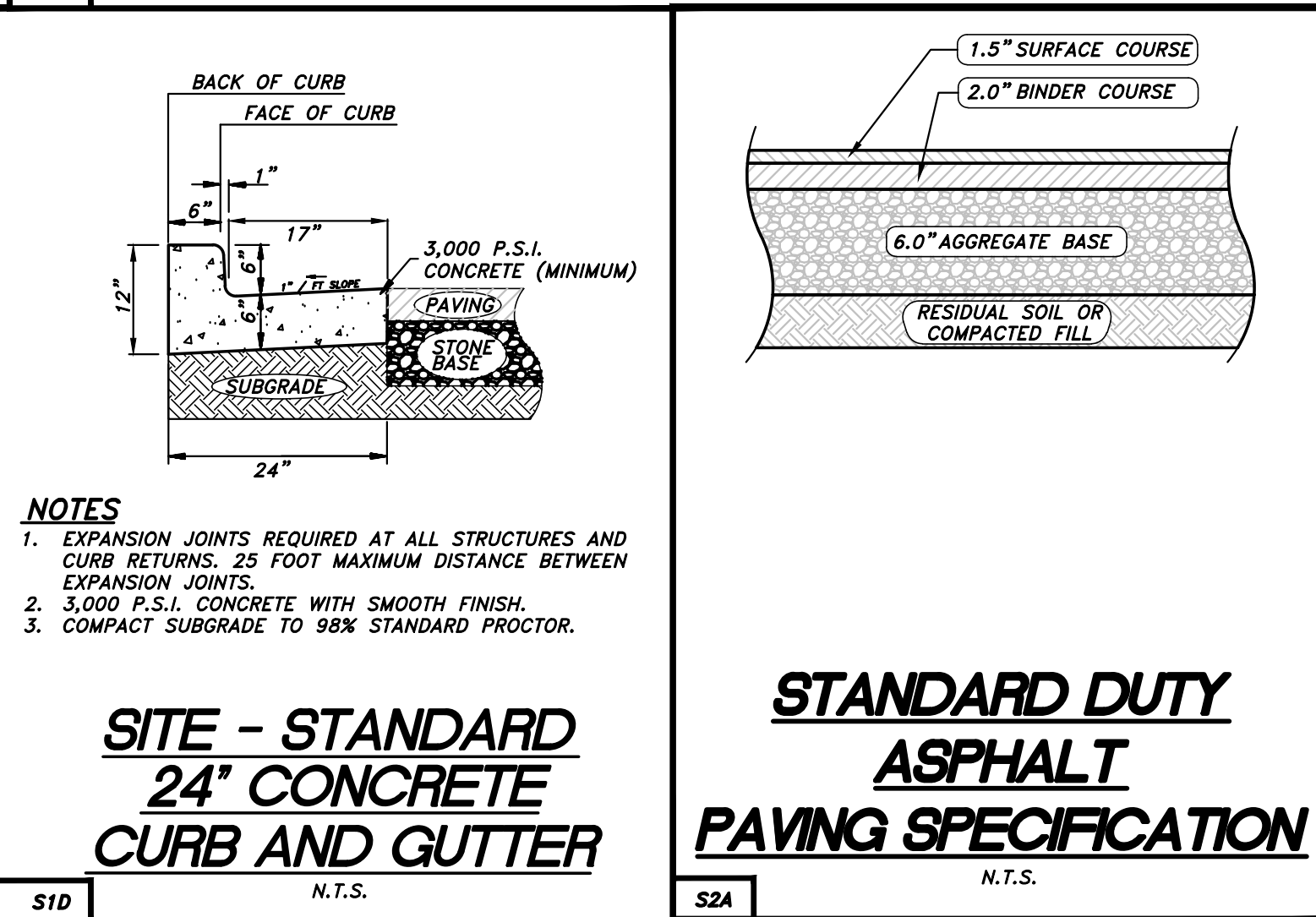
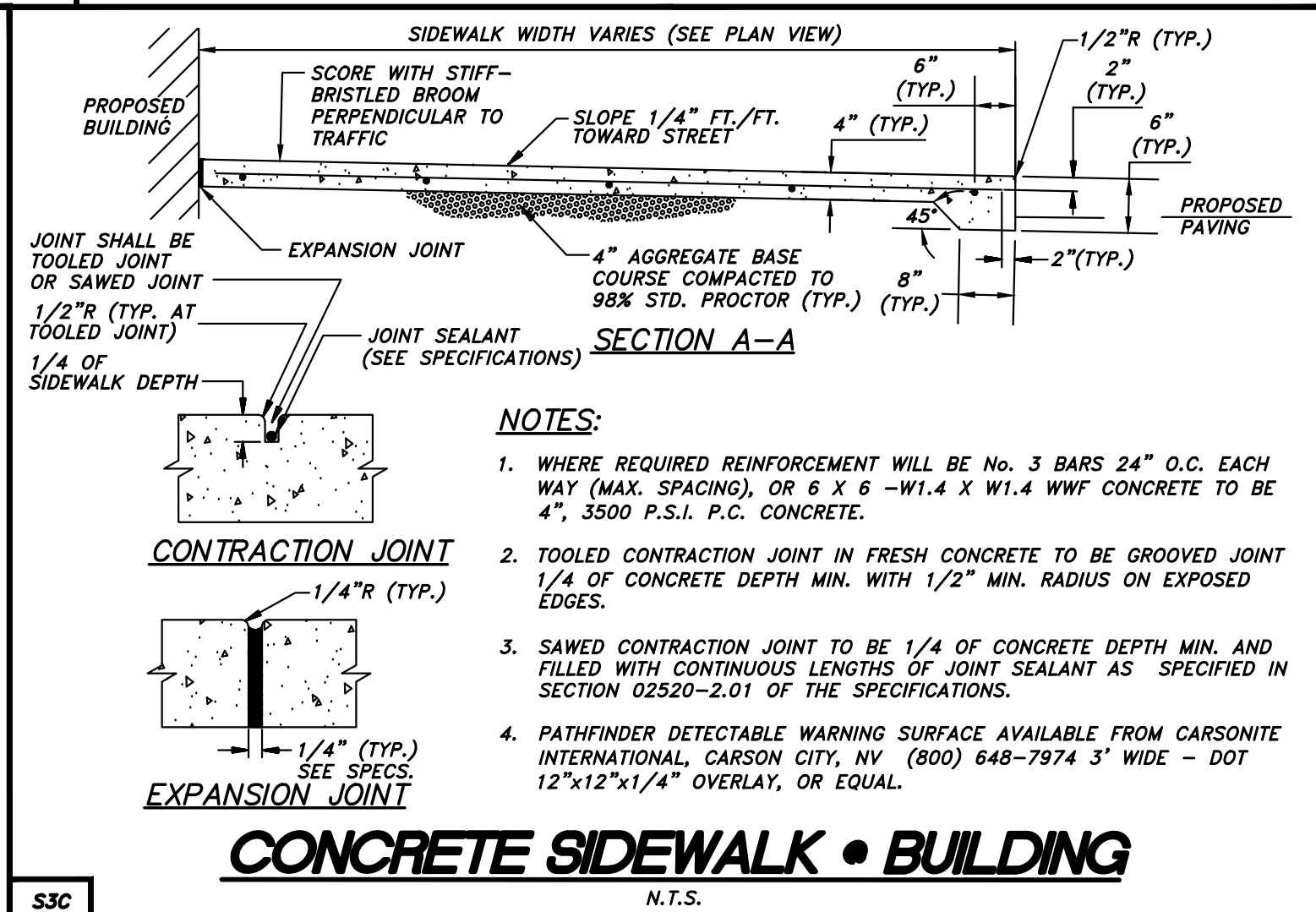
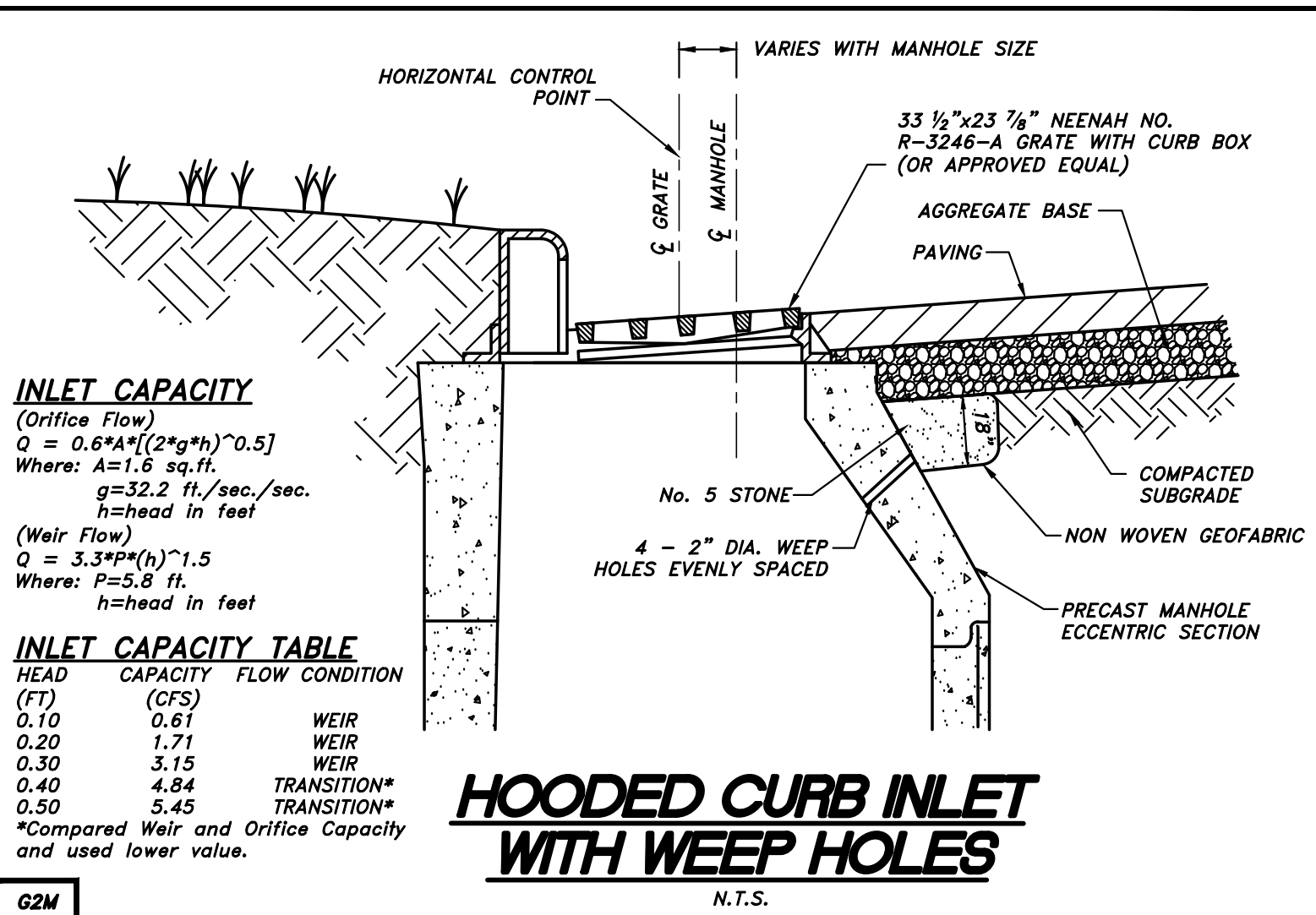
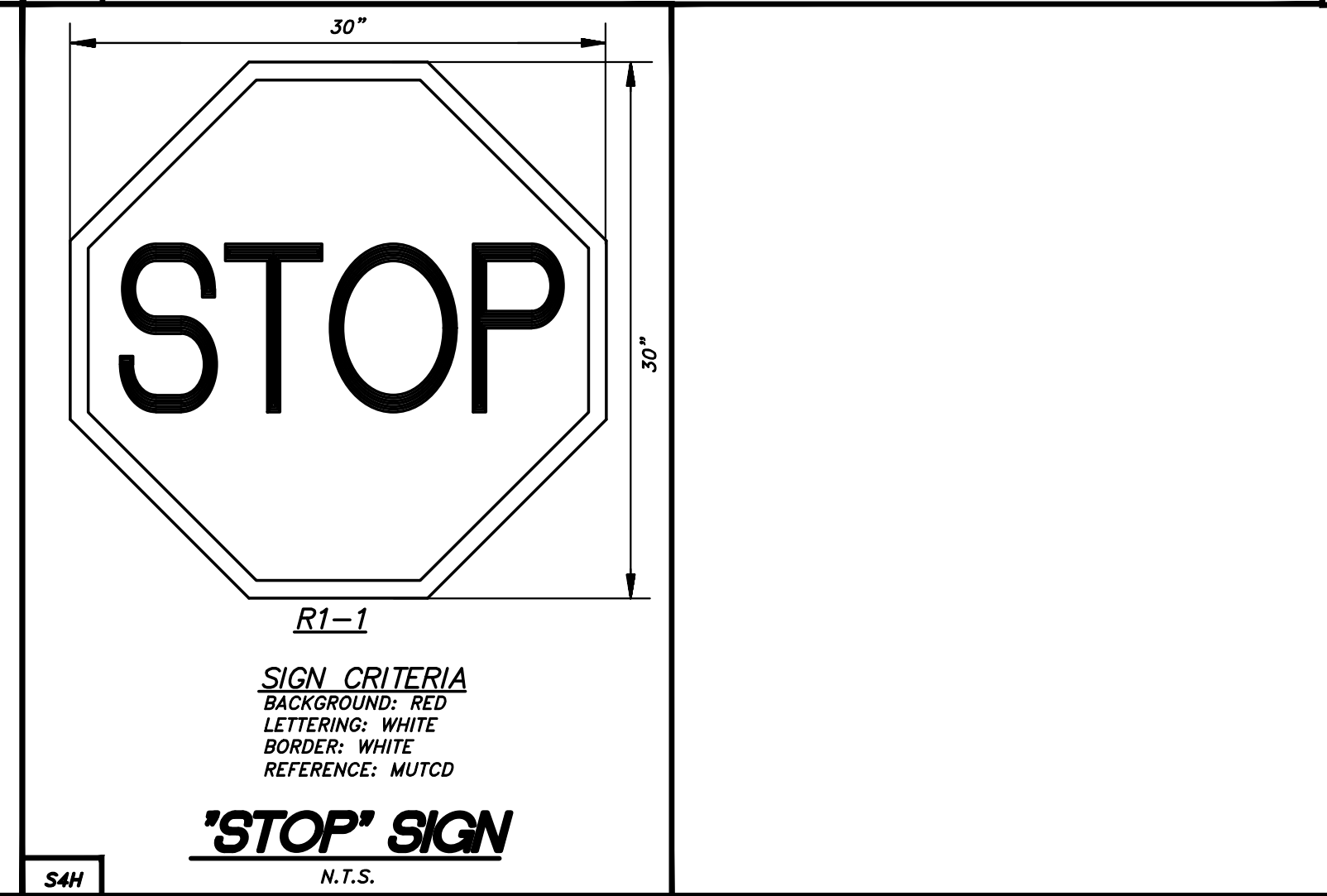
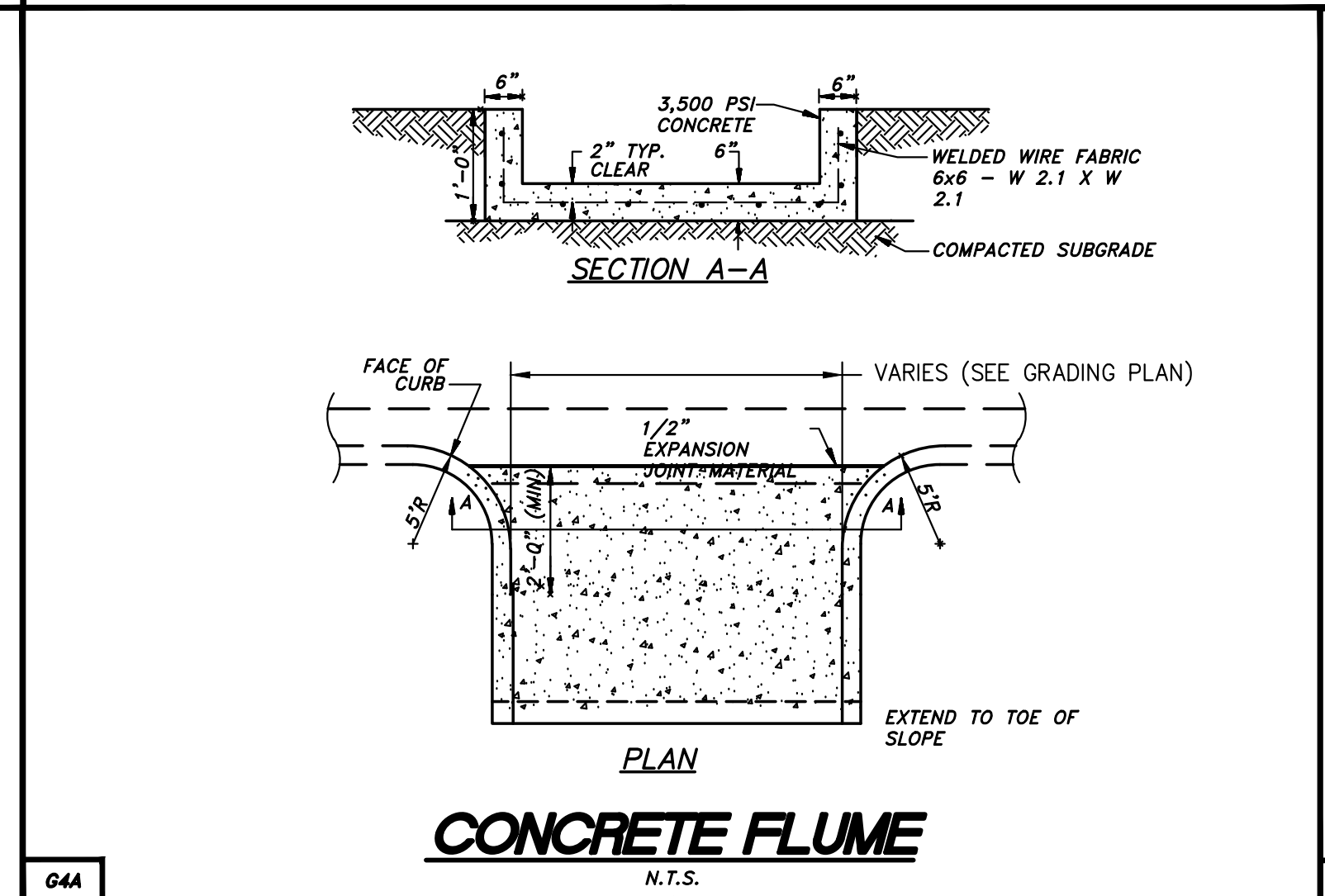
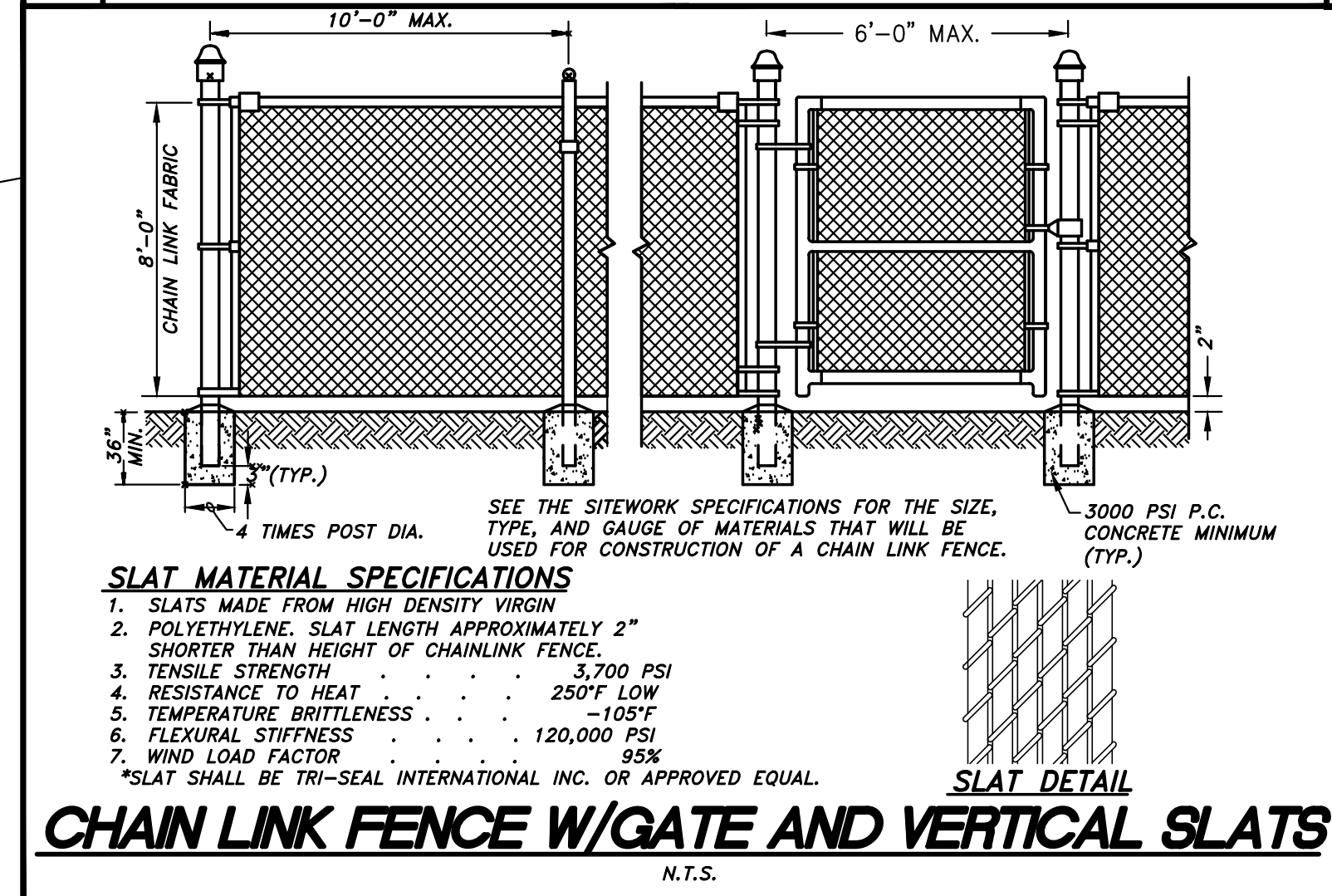
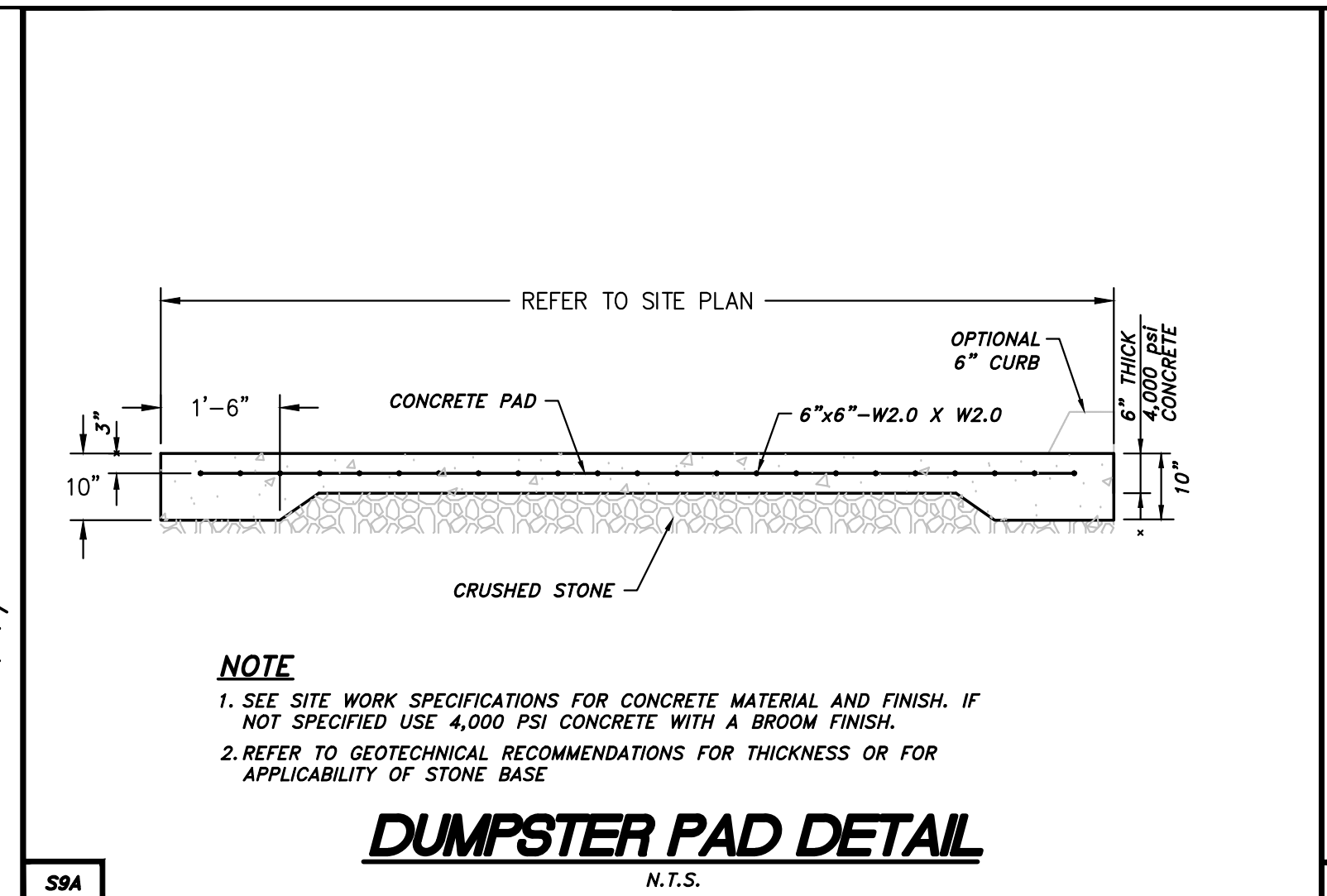
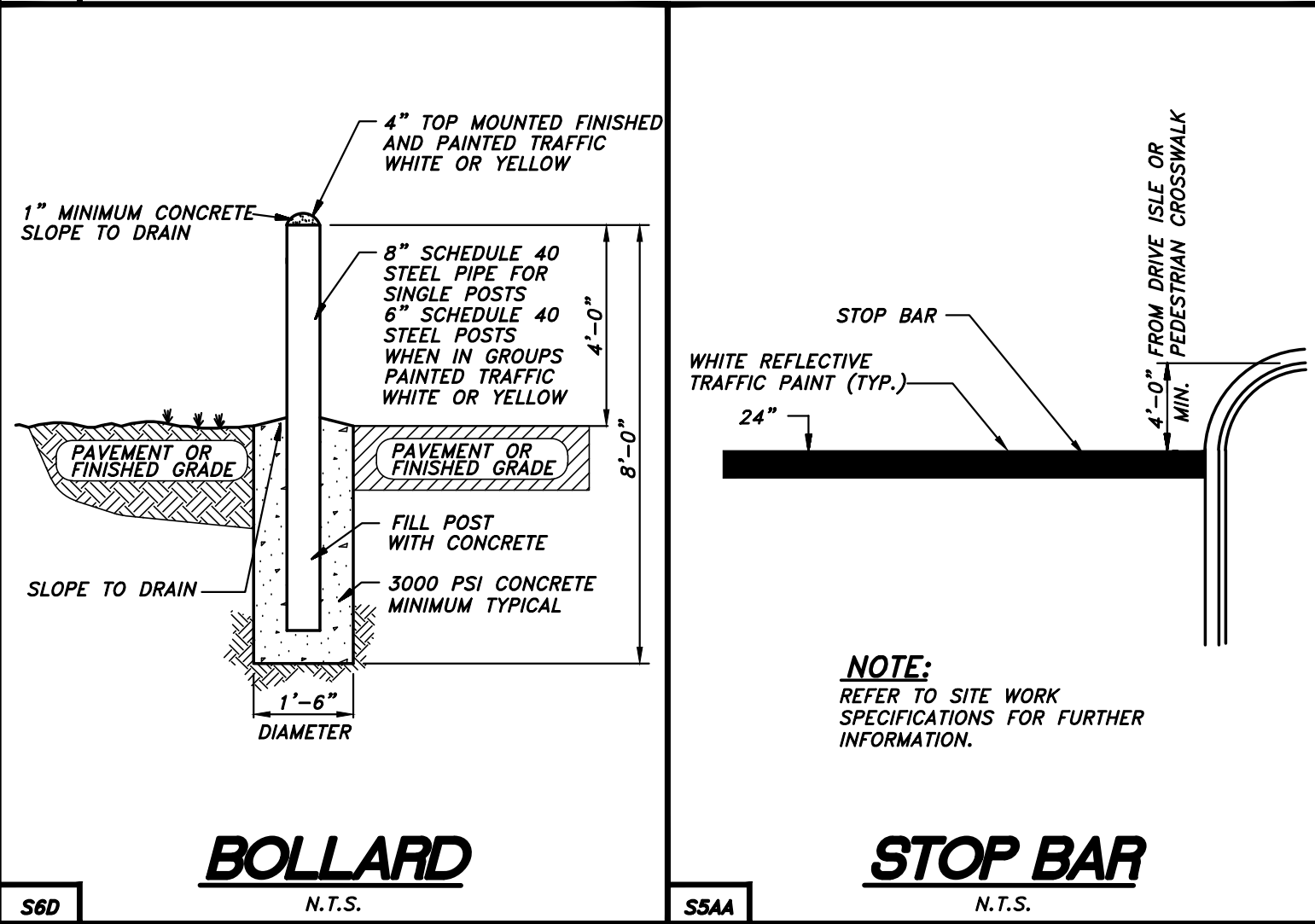
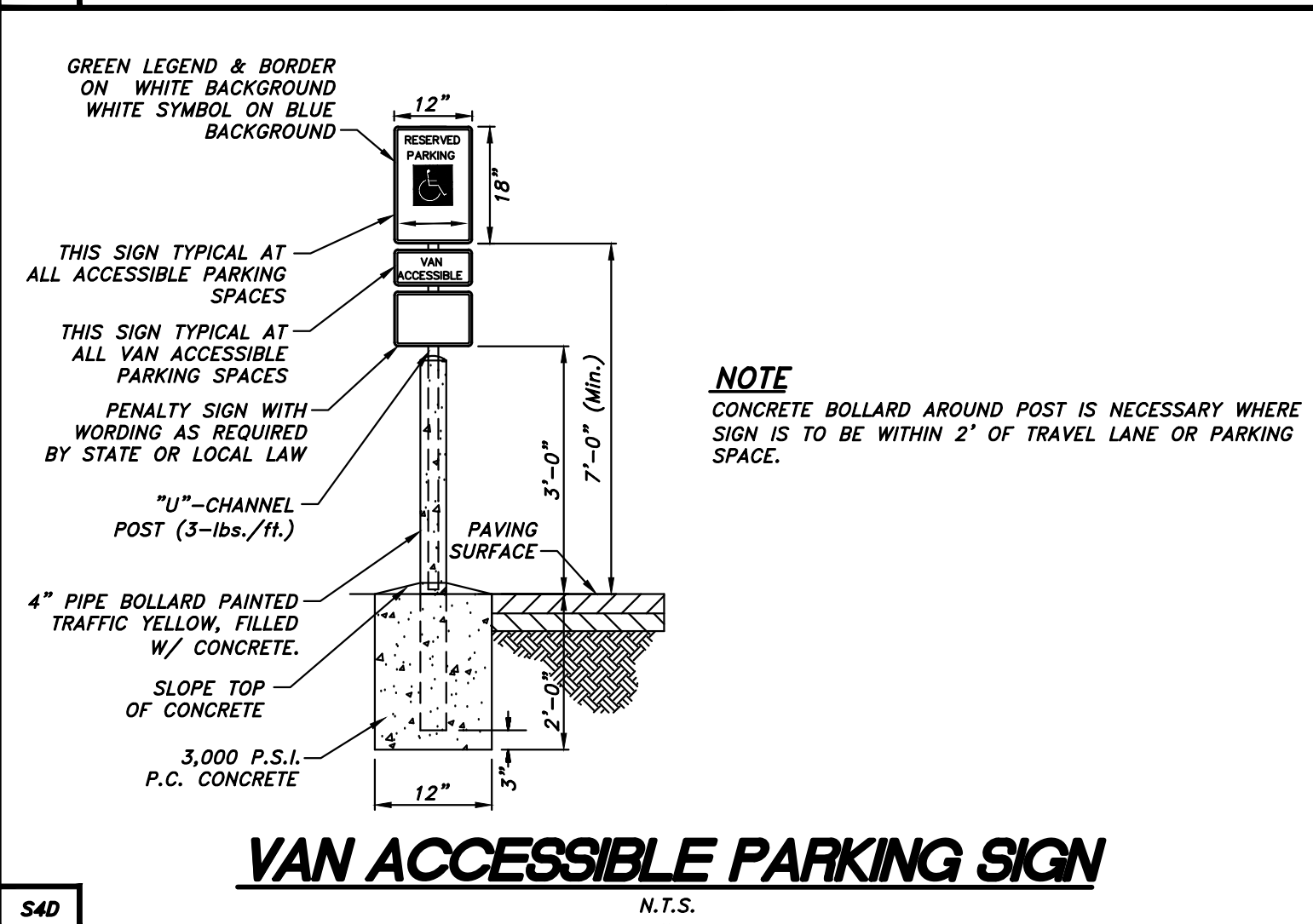
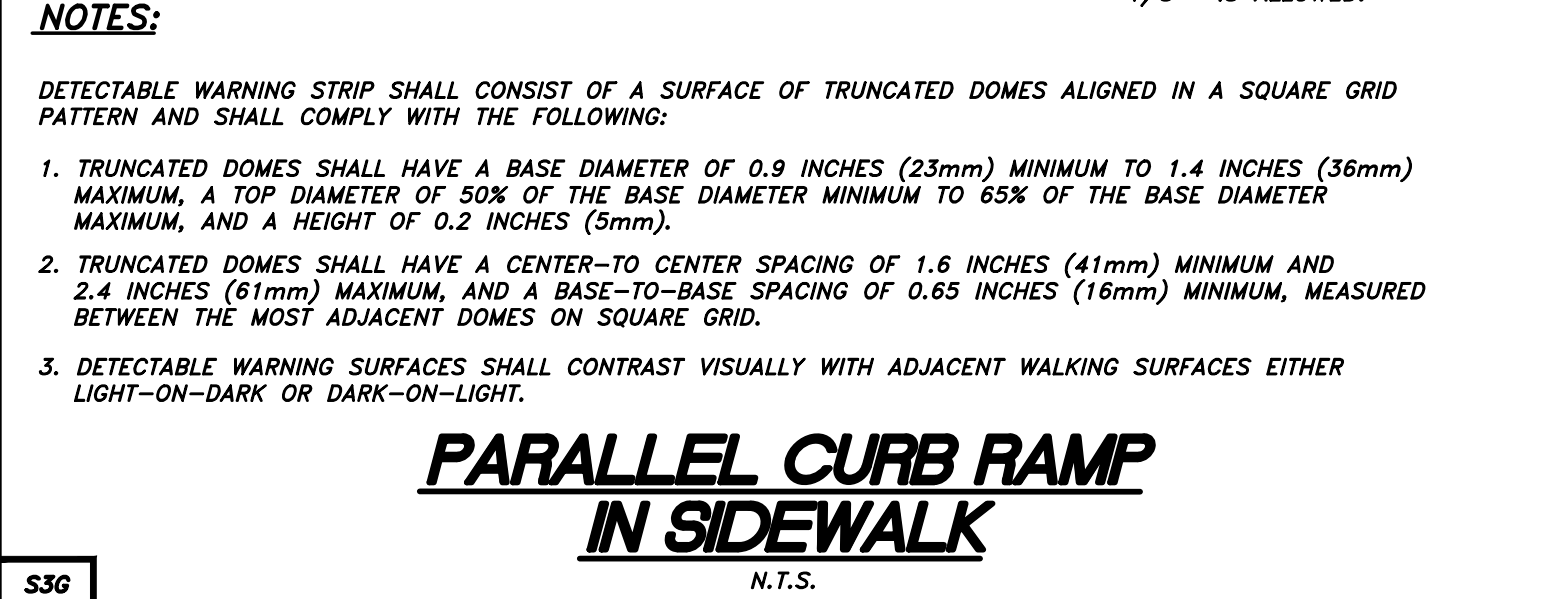
MARCH 10, 2026

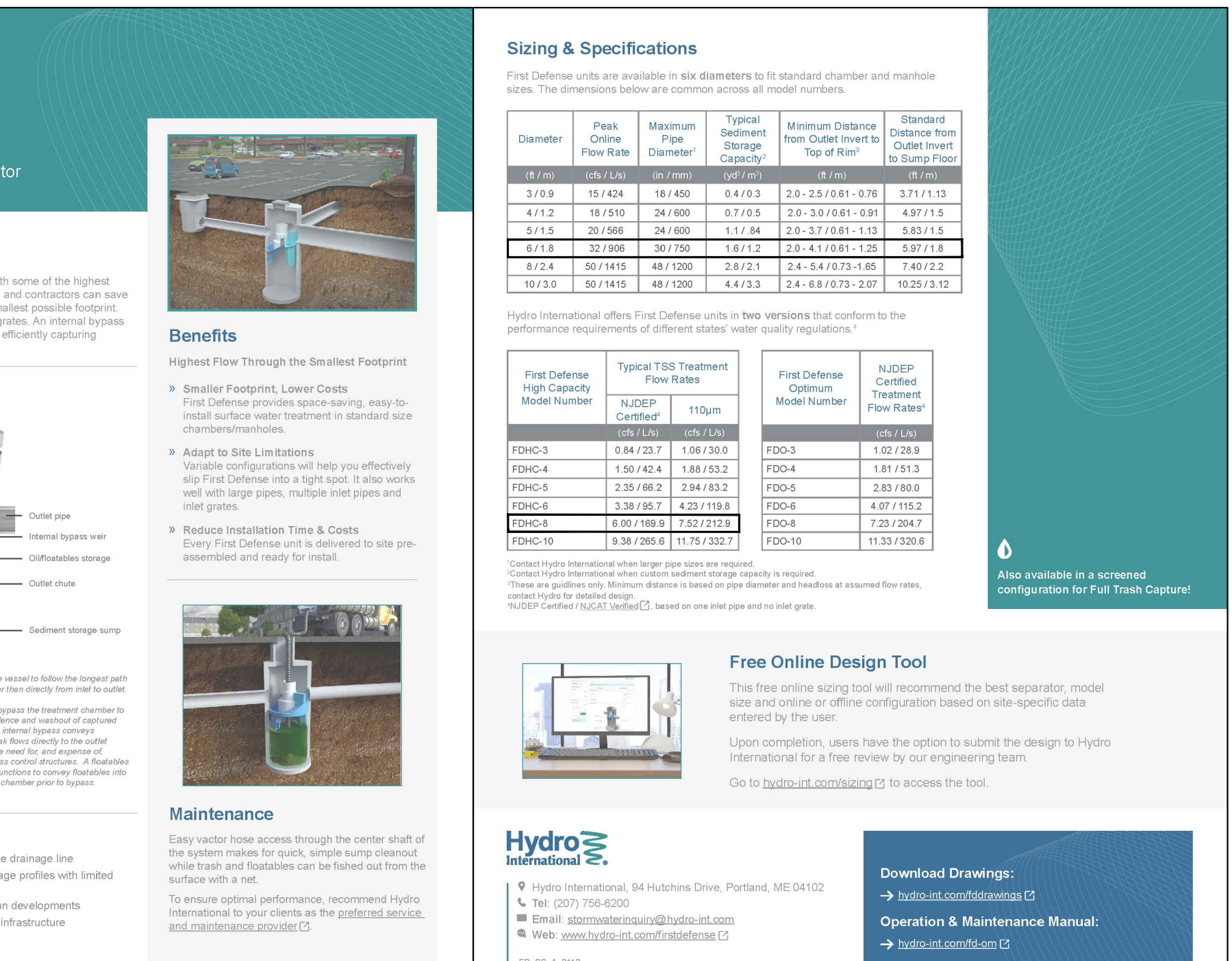
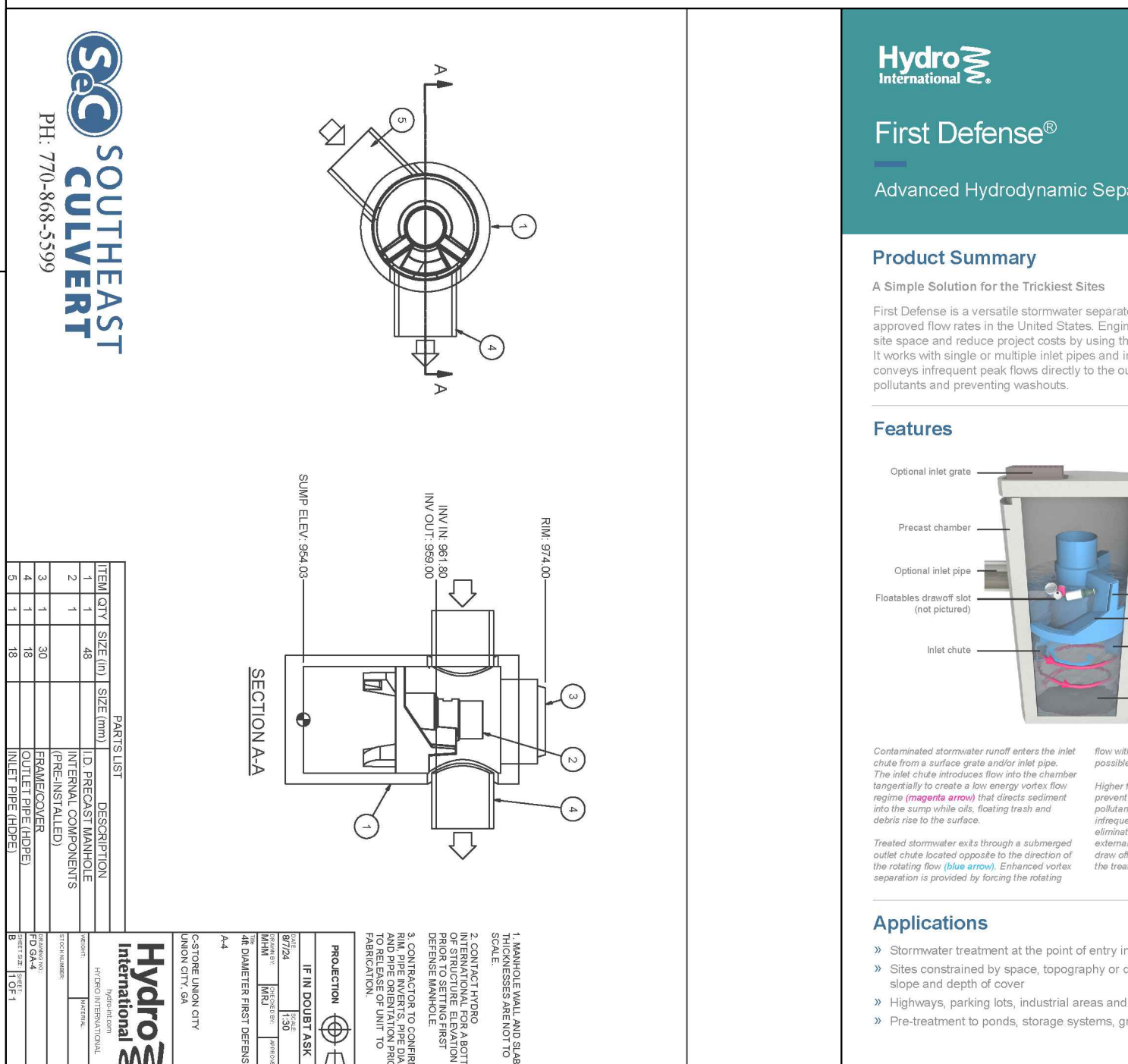
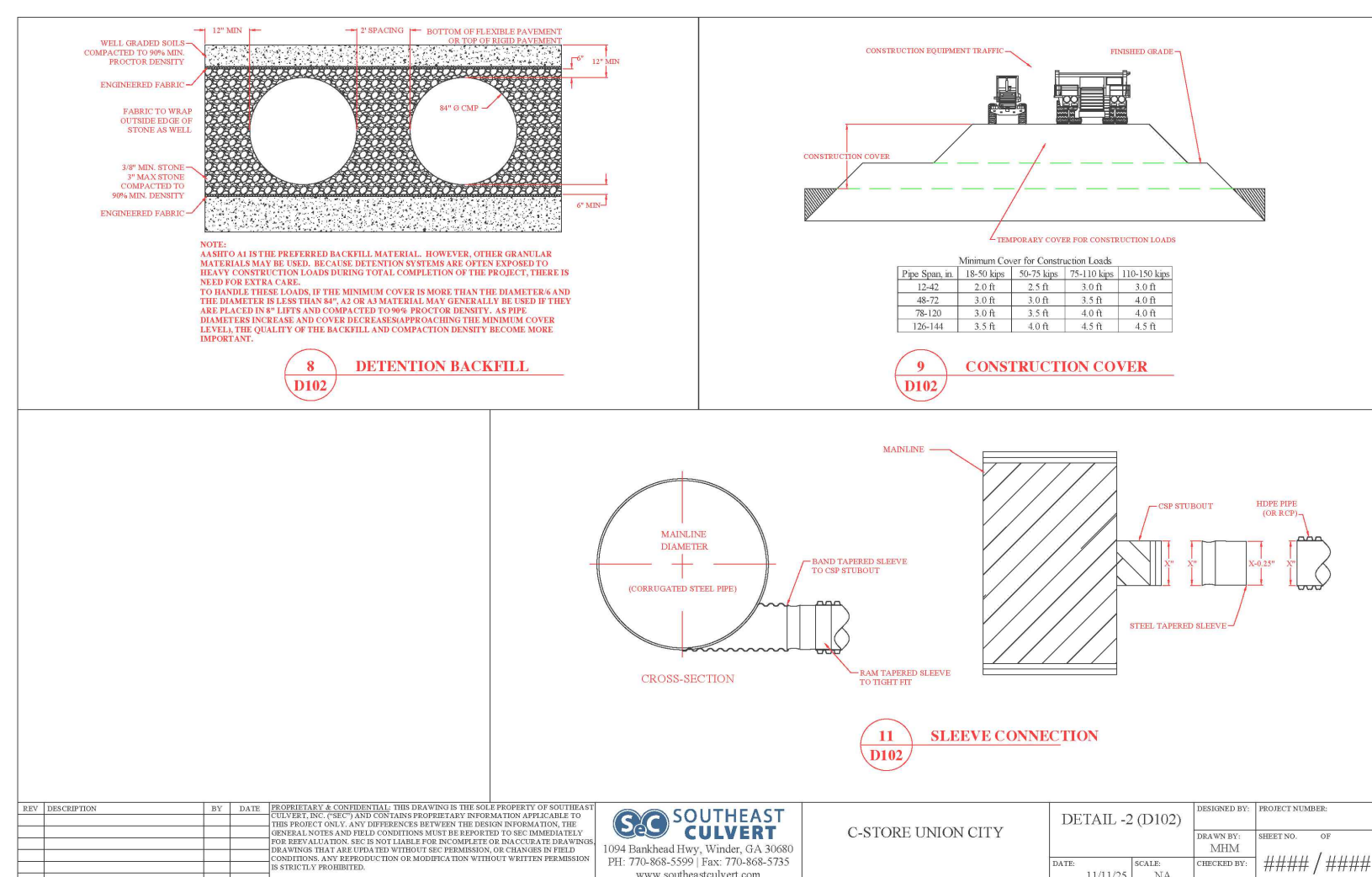
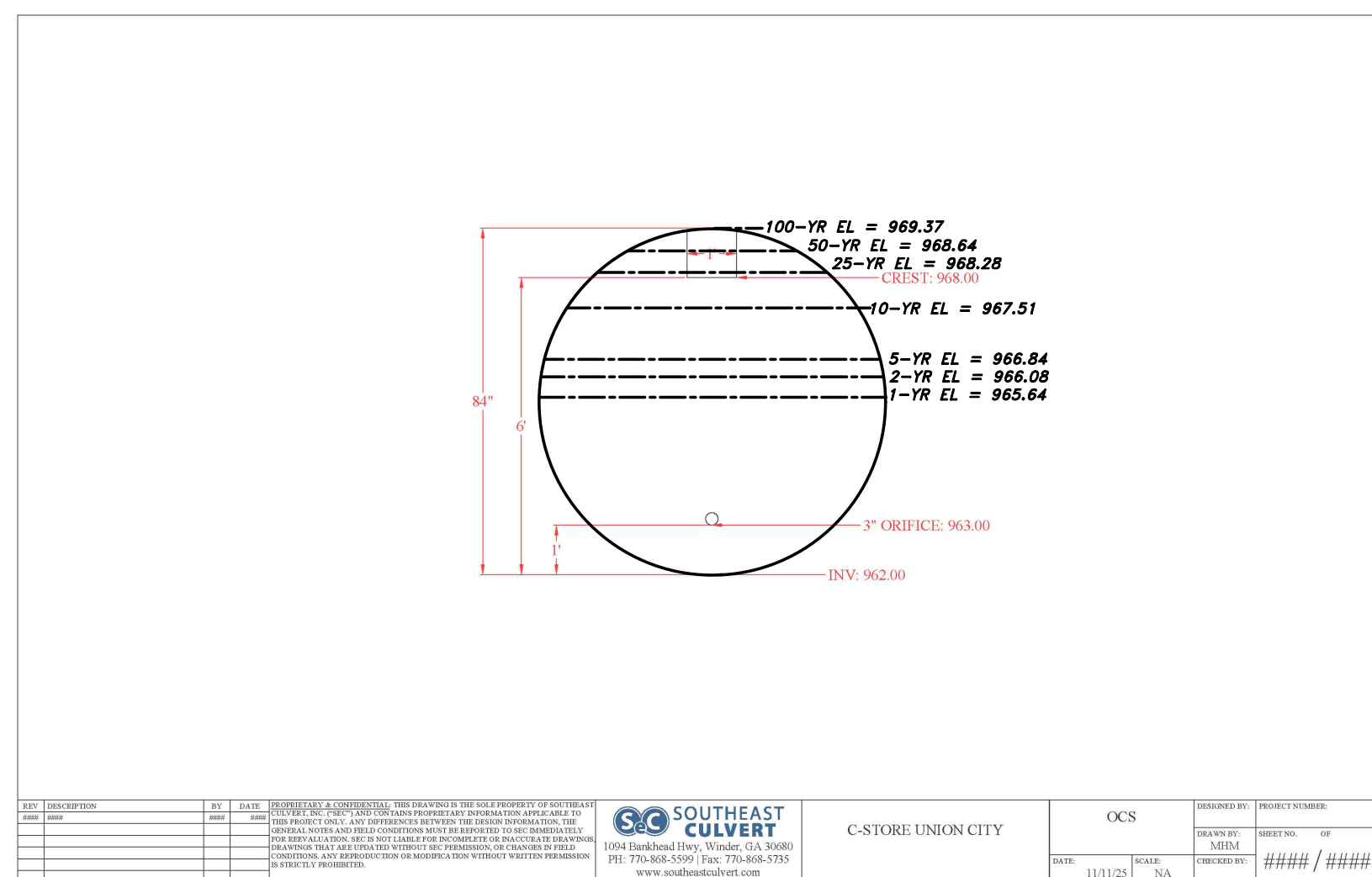
C-15

2026 EROSION CONTROL CHECKLIST ITEM

5051 STONEWALL TELL DEVELOPMENT STORE
5051 STONEWALL TELL ROAD UNION CITY, GA 30349
PROPOSED CONVENIENCE STORE
MASS ENGINEERING AND CONSULTANTS, LLC.
ENGINEERING AND CONSULTANTS, LLC.
REVISIONS
DATE: DESCRIPTION
3/10/2026
DATE
PROJECT NUMBER: 24-0018
MARCH 10, 2026
C-19



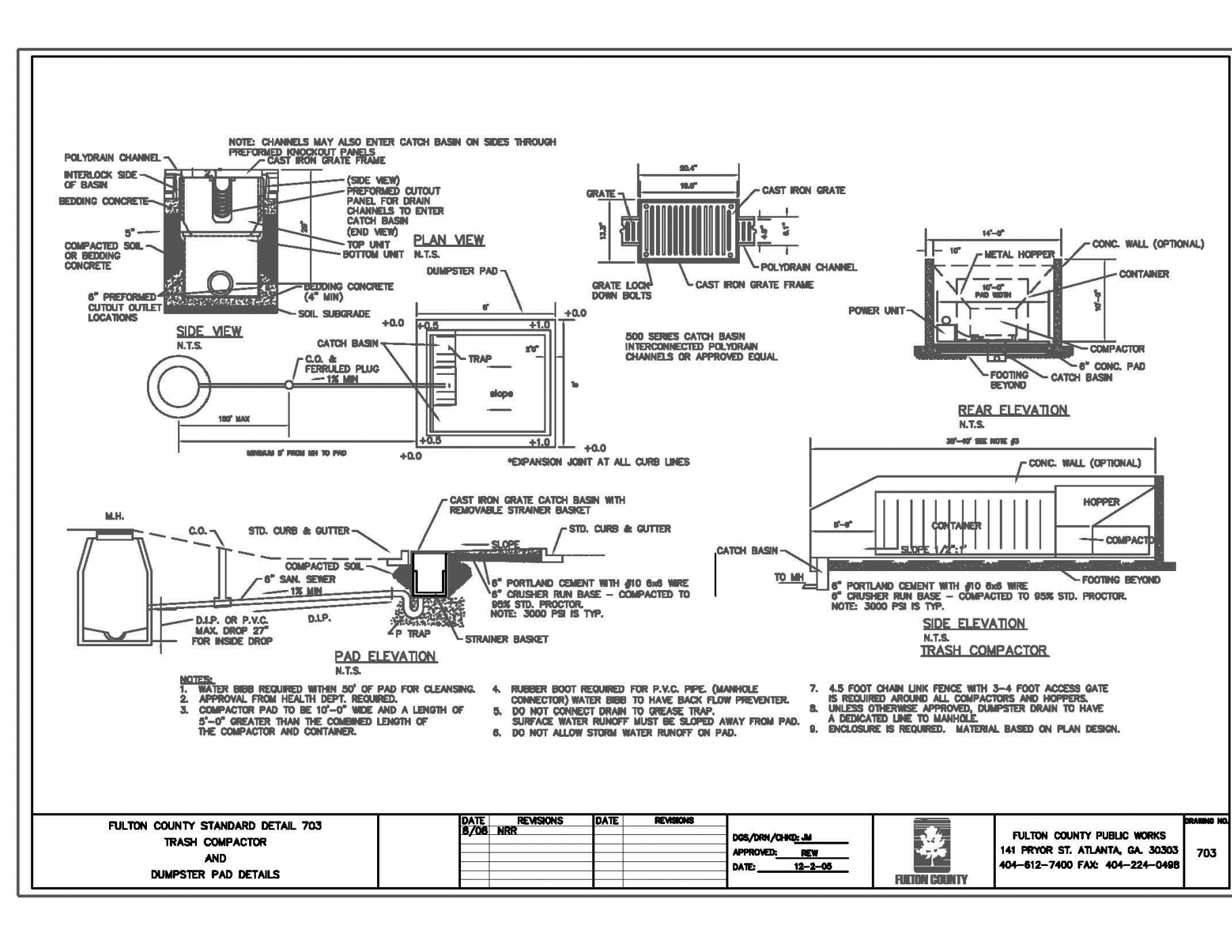
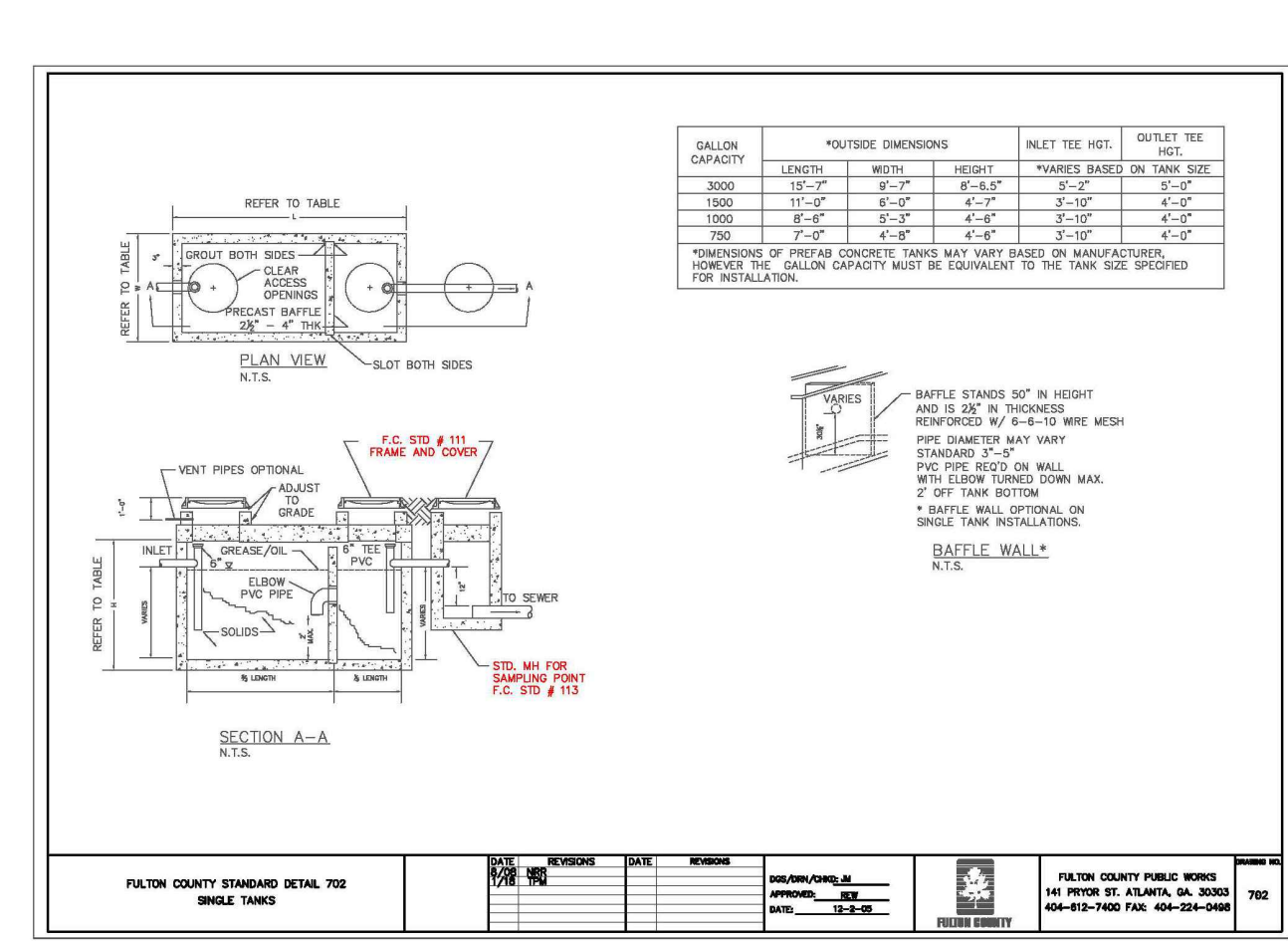
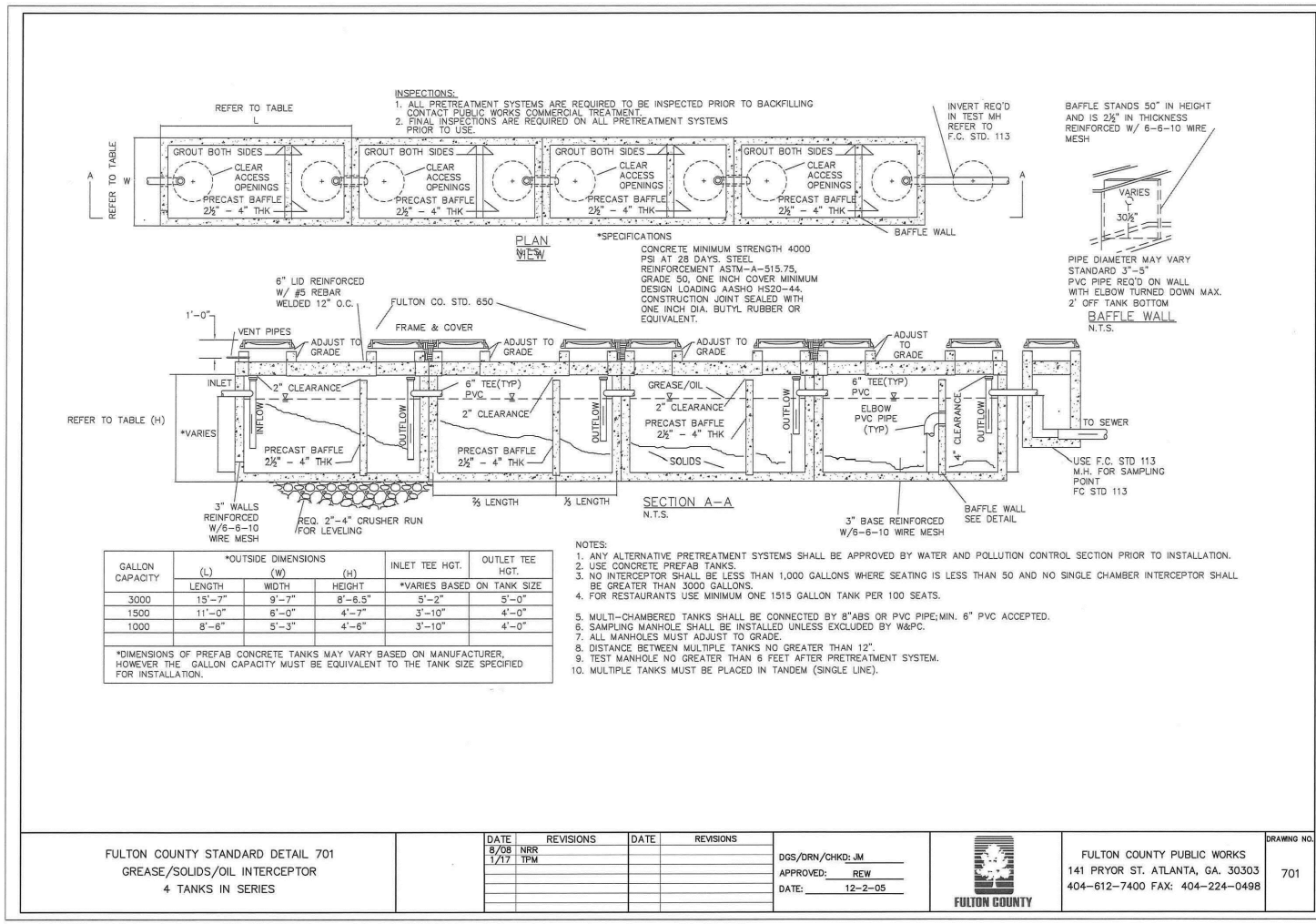
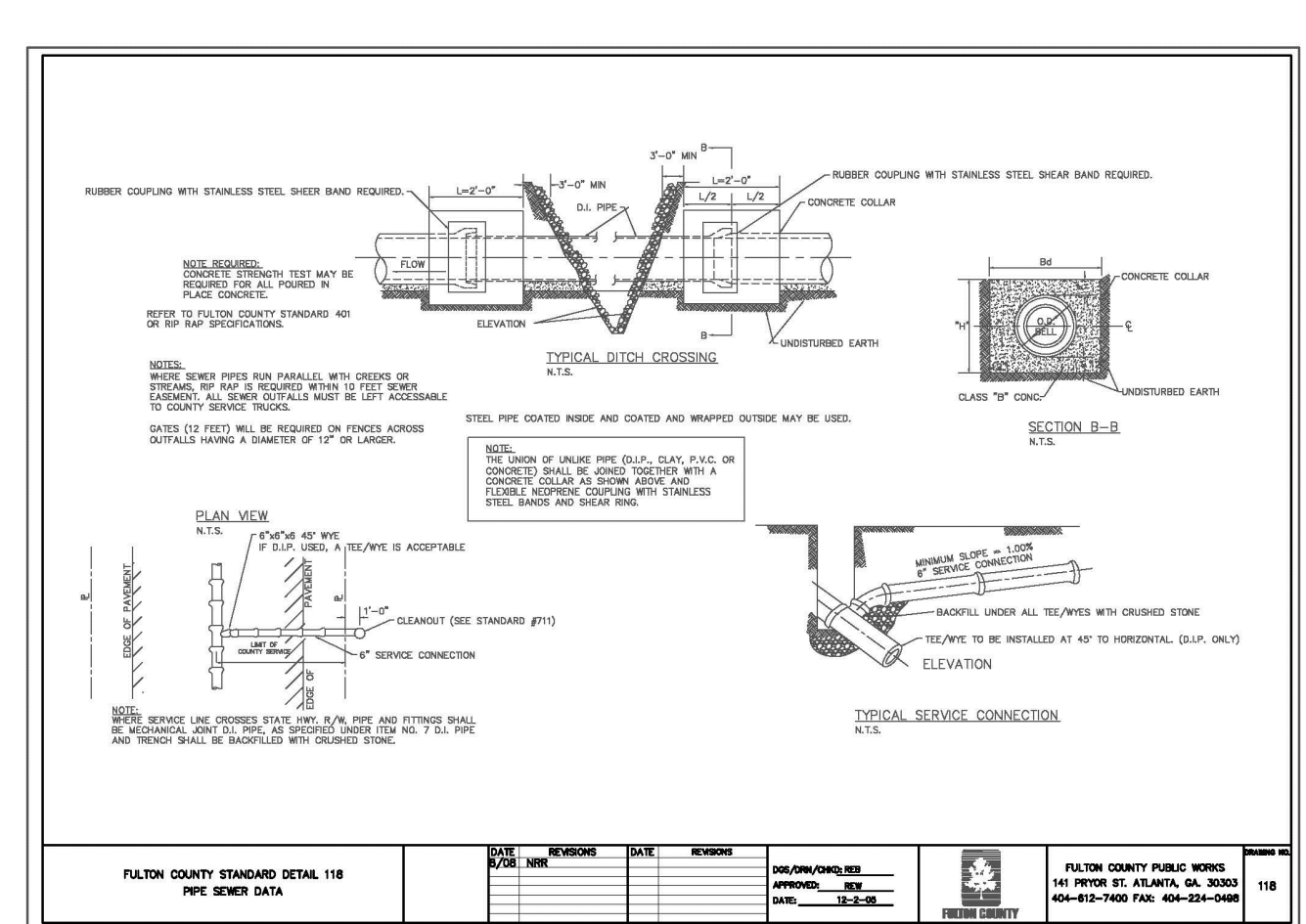
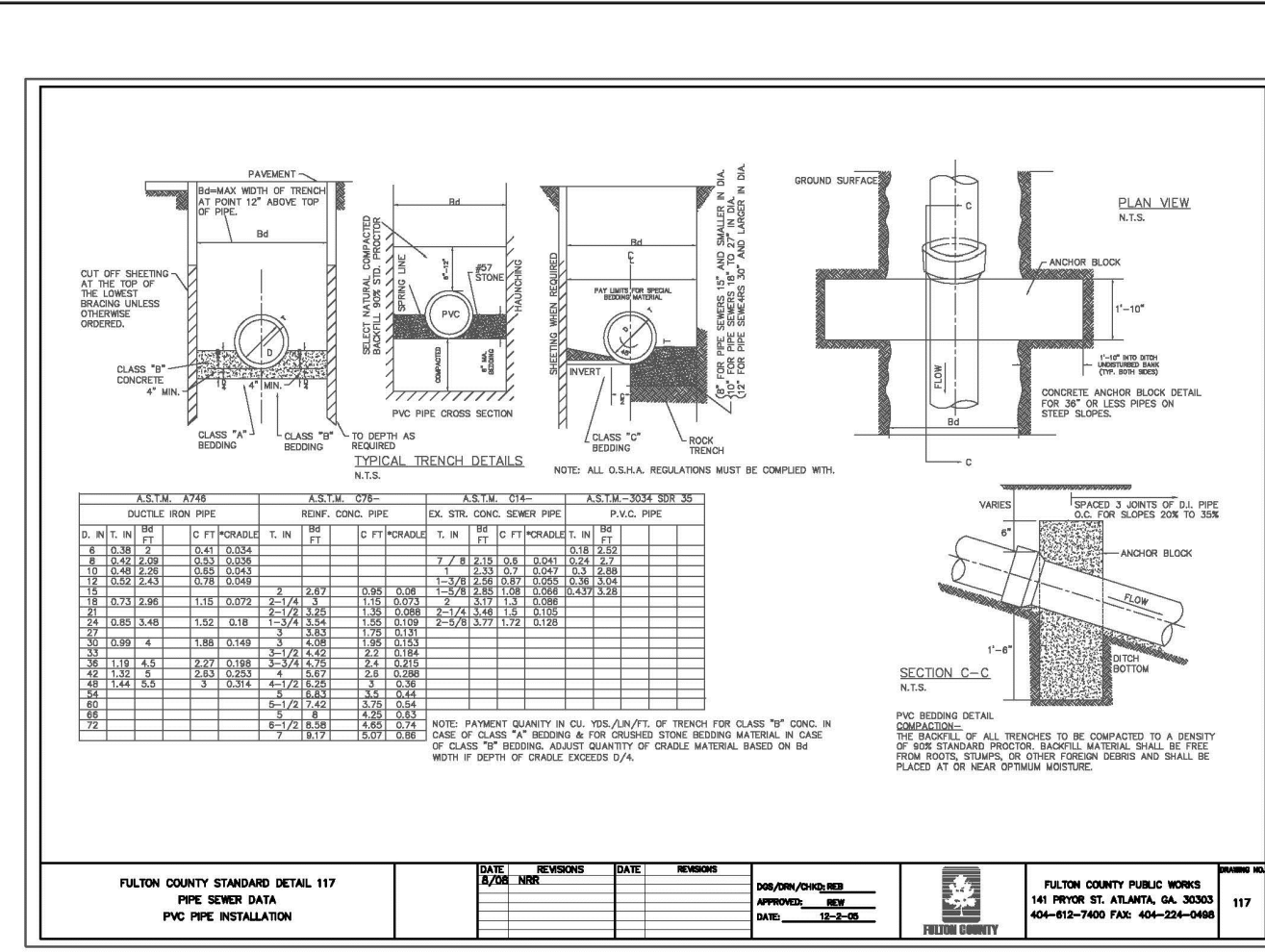
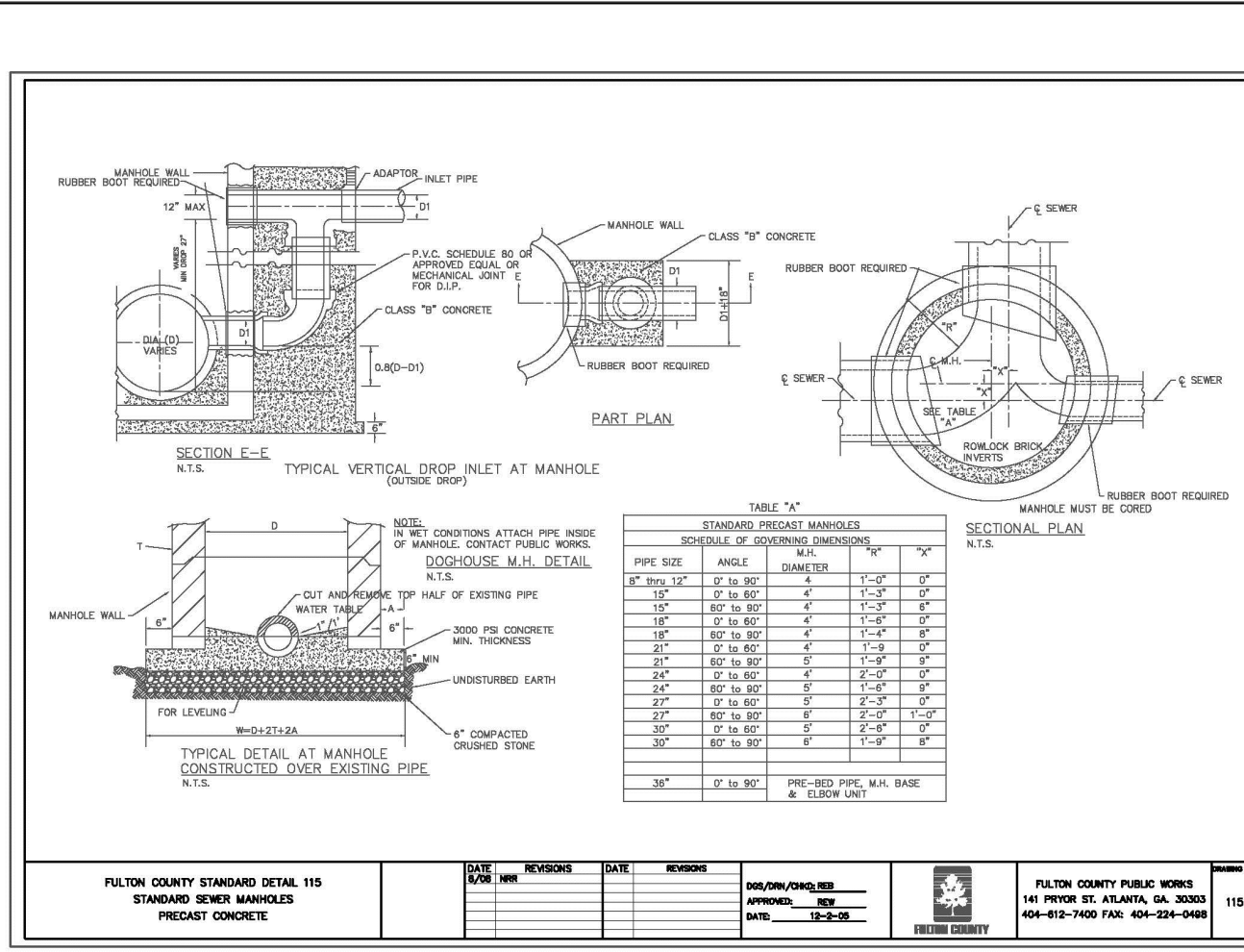
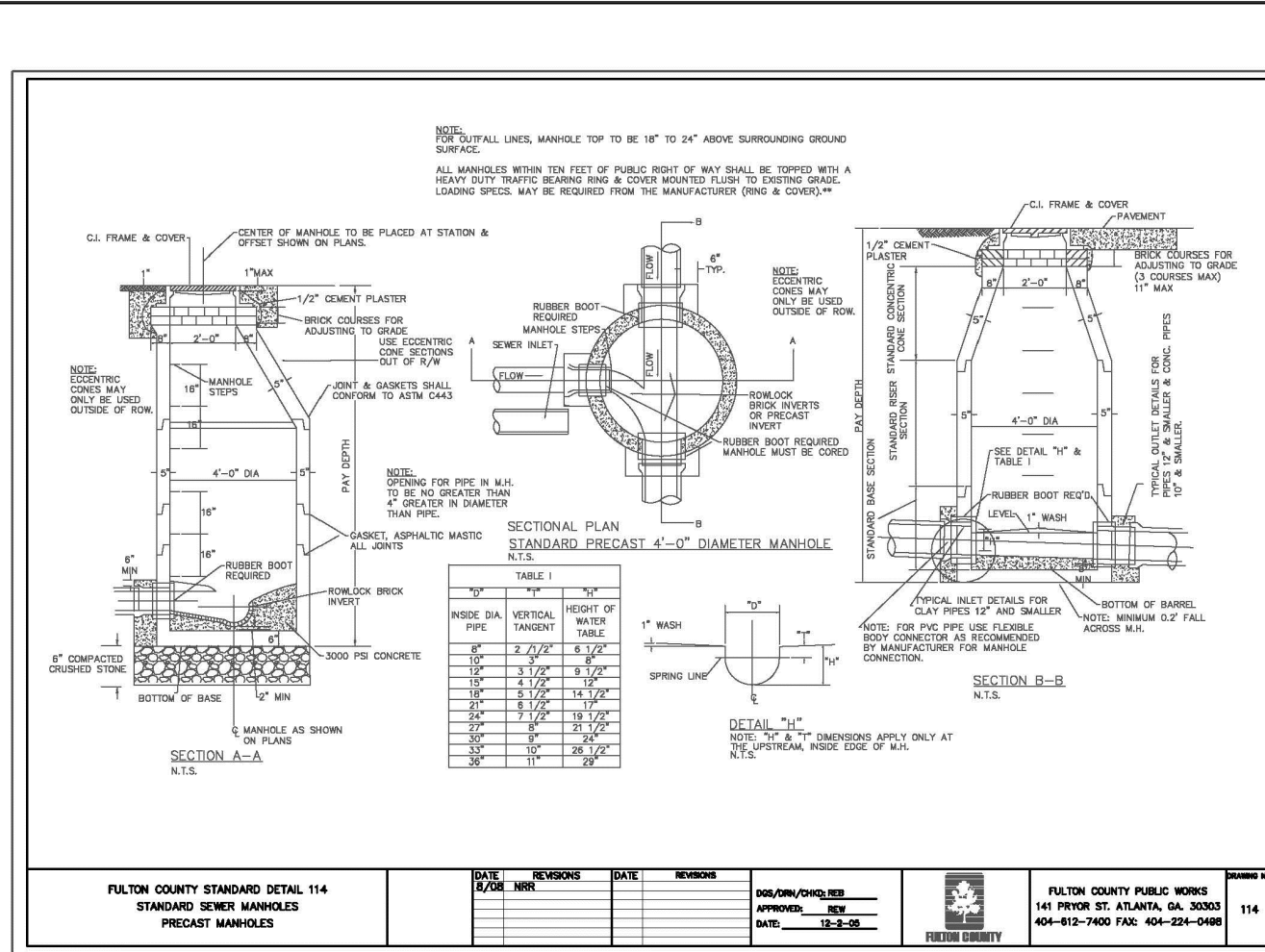
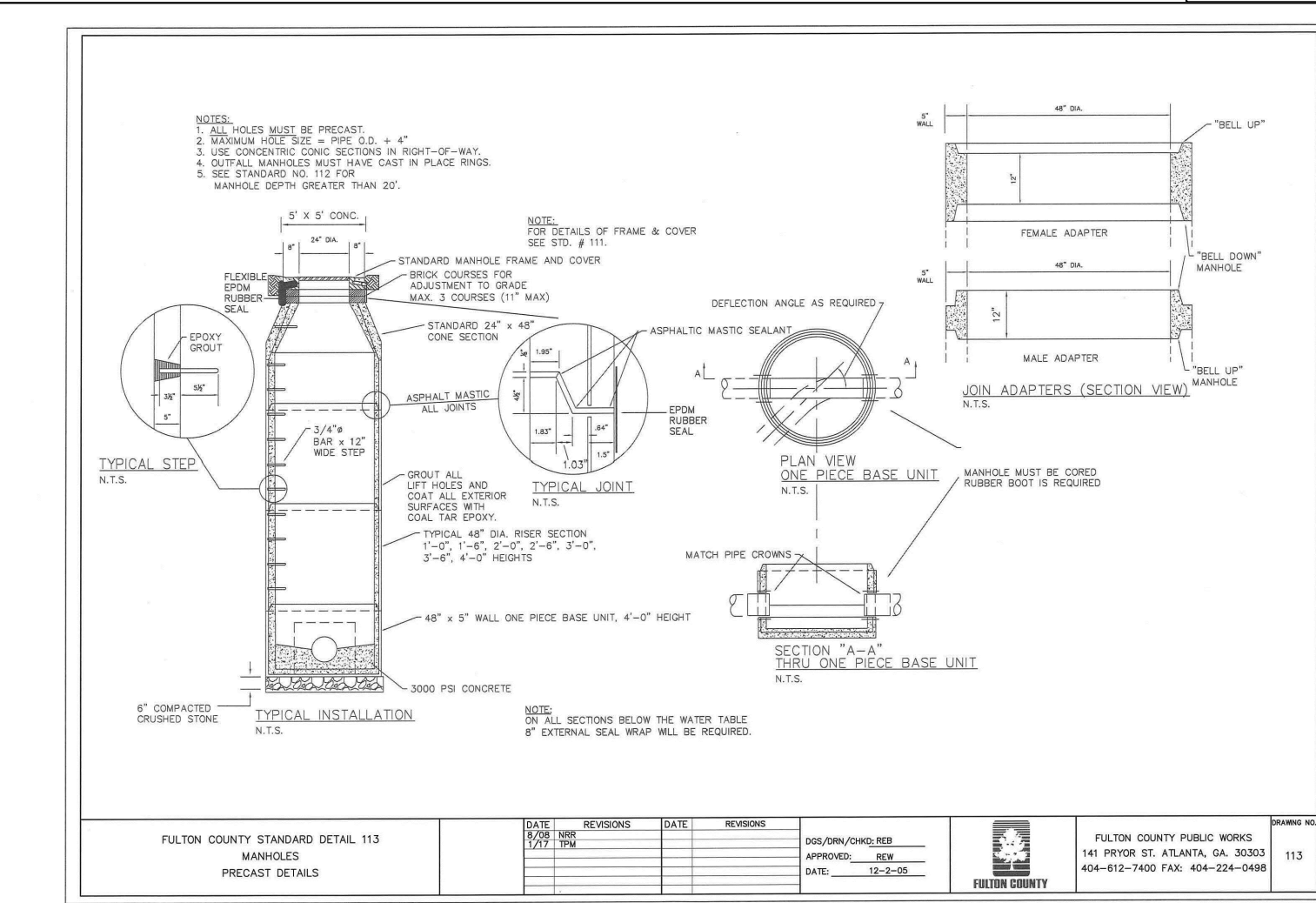
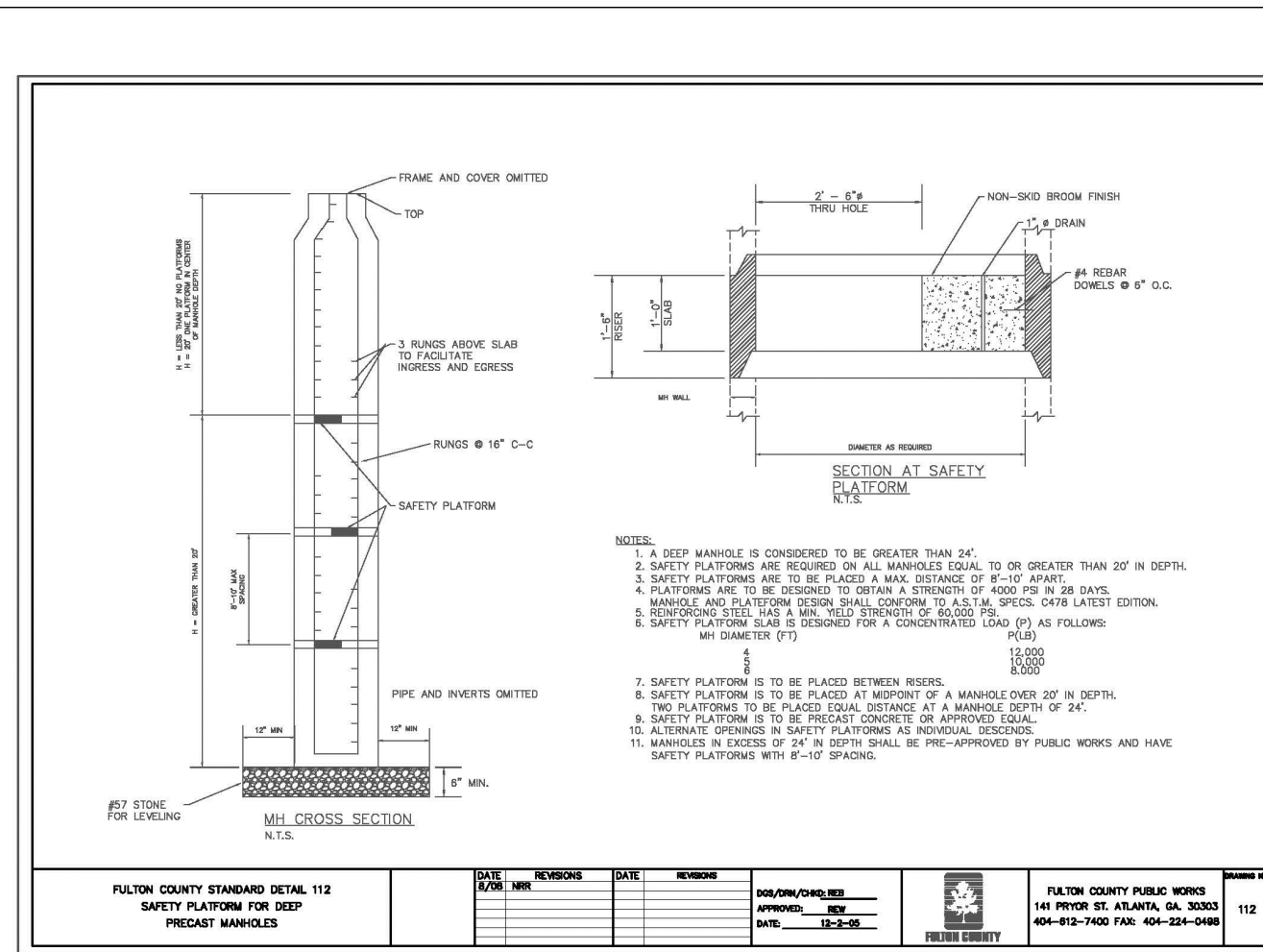
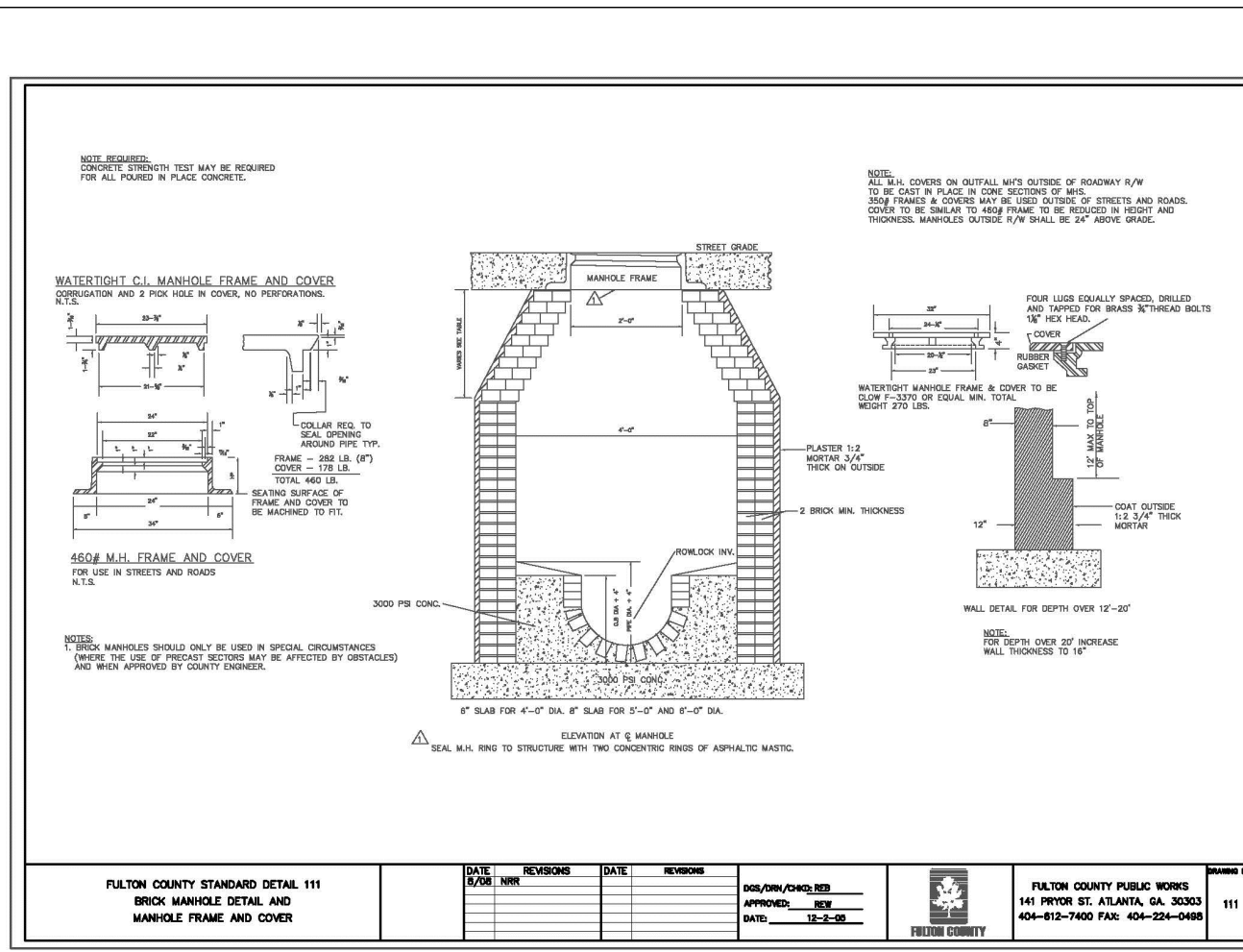
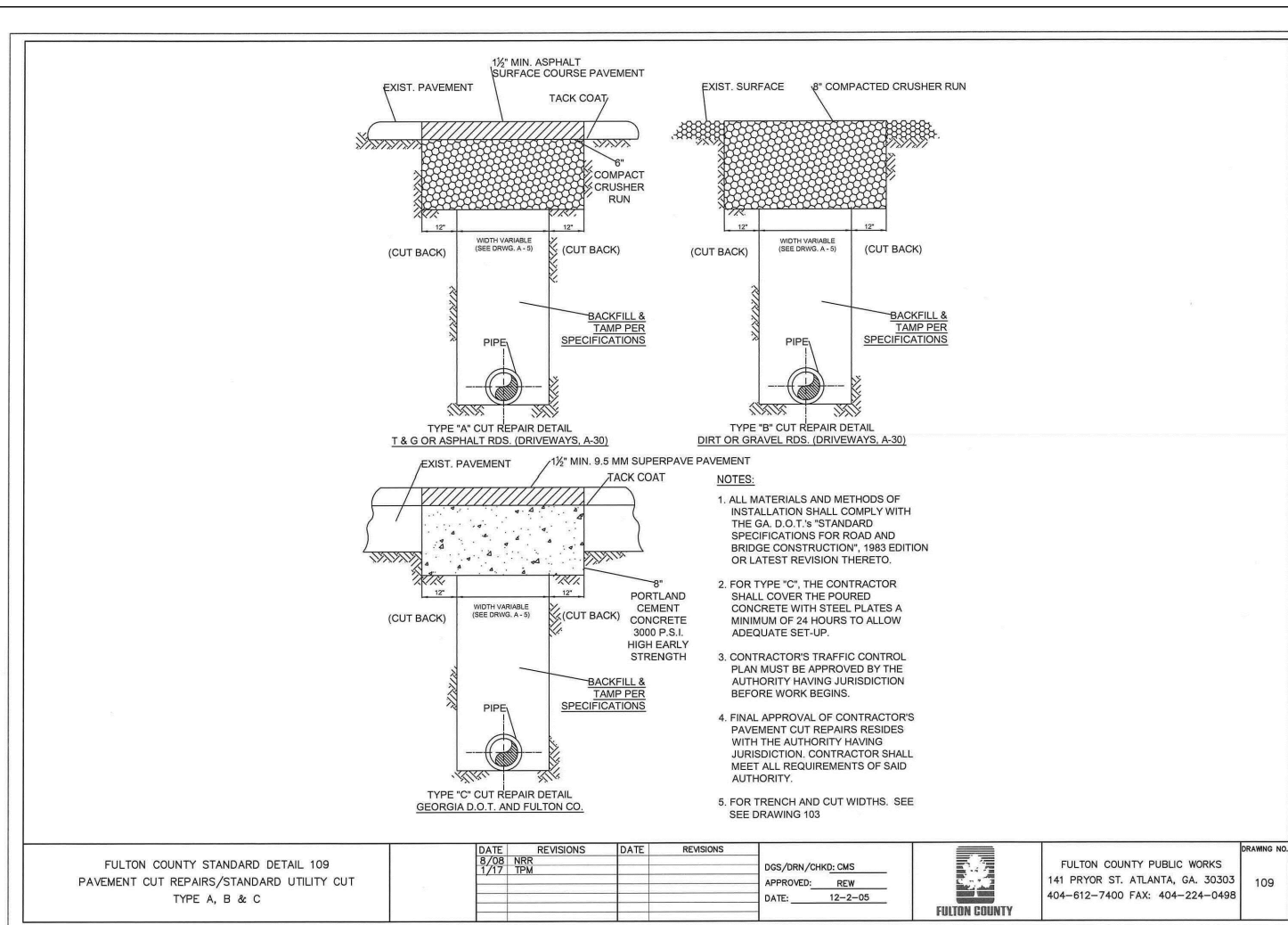
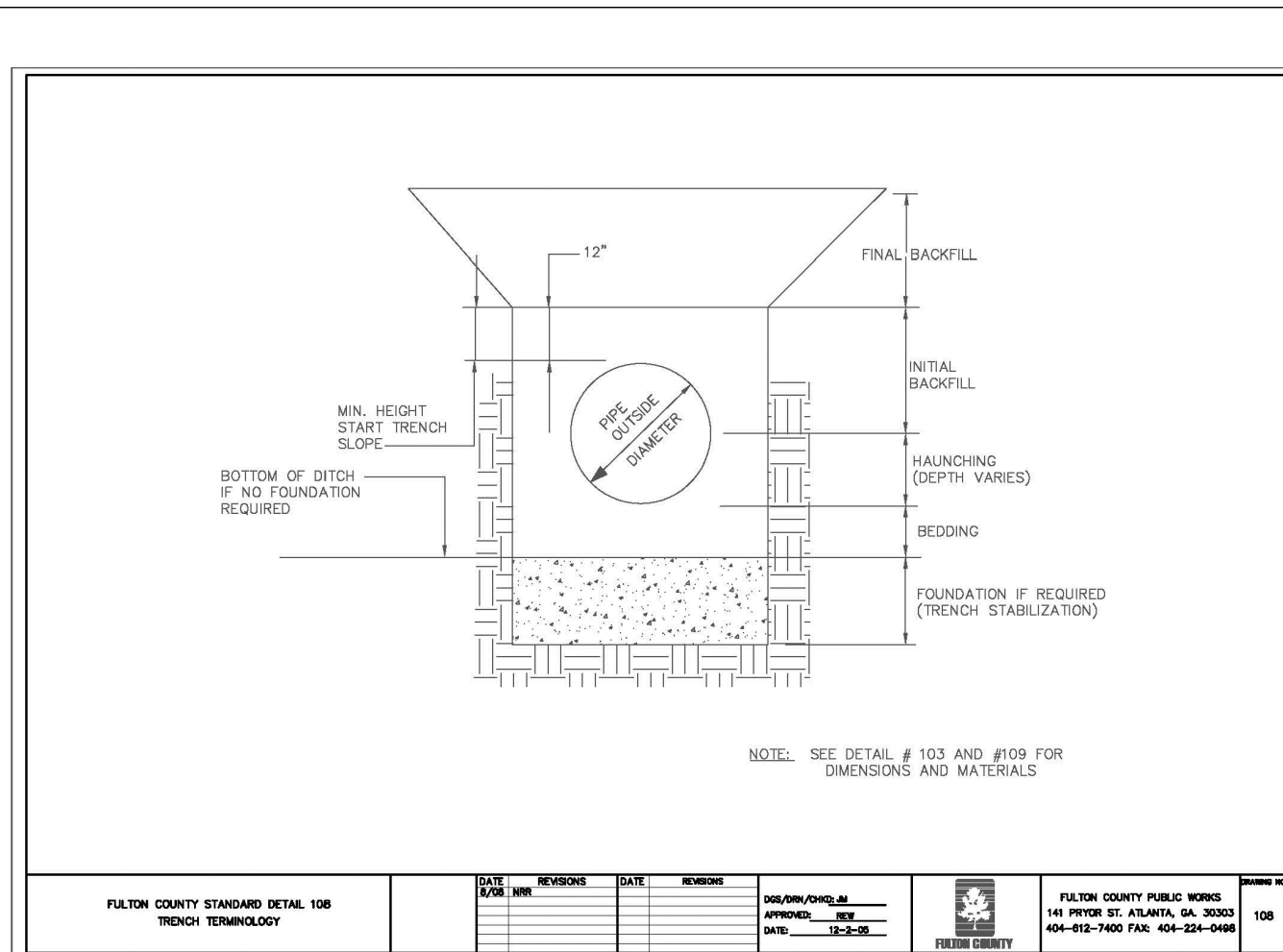
[illegible]



6" RADIUS			5" RADIUS			4" RADIUS		
HT.	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT
20"	9'	2.72"	7.5'	3.20"	6'	3.89"		
18"	9'	2.44"	7.5'	2.88"	6'	3.50"		
16"	9'	2.17"	7.5'	2.56"	6'	3.11"		
14"	9'	1.90"	7.5'	2.24"	6'	2.72"		
12"	9'	1.63"	7.5'	1.92"	6'	2.33"		
10"	9'	1.36"	7.5'	1.60"	6'	1.94"		
8"	9'	1.09"	7.5'	1.28"	6'	1.56"		
6"	9'	.81"	7.5'	.96"	6'	1.17"		
4"	9'	.54"	7.5'	.64"	6'	.78"		
2"	9'	.27"	7.5'	.32"	6'	.39"		

MASS
ENGINEERING AND CONSULTANTS, LLC

REVISIONS	
DATE:	DESCRIPTION
DETAILS	
PROJECT NUMBER: 24-0018	
DATE:	MARCH 10, 2026
C-22	

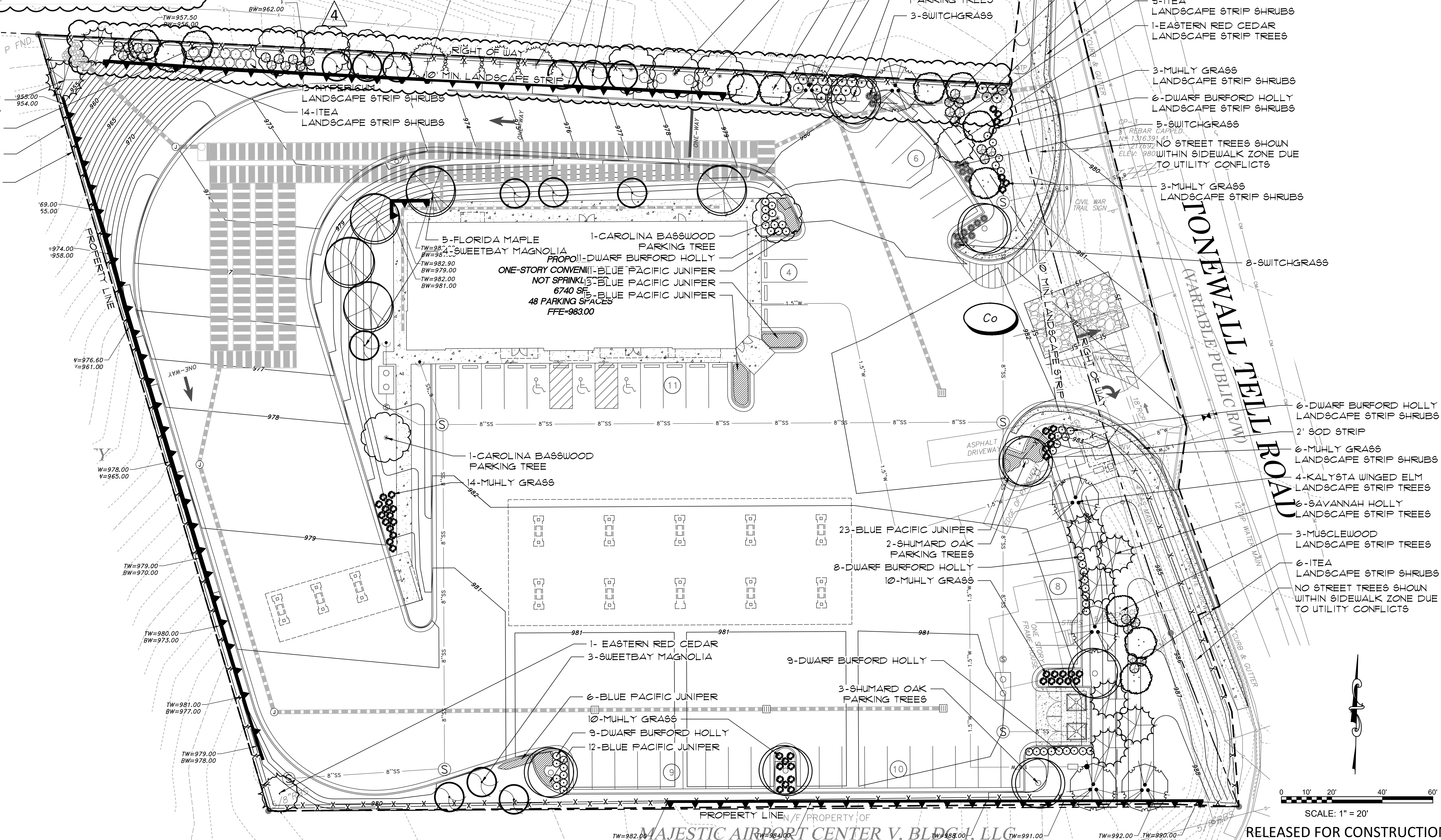


Plant Schedule										
Quantity	Botanical Name	Common Name	Size	Spacing	Density Cal. Inches	10' Landscape Strip Req.	Parking Req.	Remarks		
Overstory Trees										
5	<i>Acer barbatum</i>	Florida Maple	4" Cal.	AS SHOWN	20			1, 3, 4, 5, 6, 10, 11		
2	<i>Juniperus virginiana</i> 'Brodie'	Brodie Cedar	4" Cal.	AS SHOWN	8	X		1, 3, 4, 5, 6, 7, 10, 11		
7	<i>Quercus shumardii</i>	Shumard Oak	4" Cal.	AS SHOWN	28		X	1, 3, 4, 5, 6, 10, 11		
8	<i>Tilia americana</i> var. <i>caroliniana</i>	Carolina Basswood	4" Cal.	AS SHOWN	32	X	X	1, 3, 4, 5, 6, 10, 11		
6	<i>Ulmus alata</i> 'Kalysta'	Kalysta Winged Elm	4" Cal.	AS SHOWN	24	X		1, 3, 4, 5, 6, 10, 11		
28	Total Overstory Trees									
Understory Trees										
9	<i>Carpinus caroliniana</i>	Muscledwood	3" Cal.	AS SHOWN	27	X		1, 3, 4, 5, 6, 10, 11		
8	<i>Ilex x attenuata</i> 'Savannah'	Savannah Holly	3" Cal.	AS SHOWN	24	X		1, 3, 4, 5, 6, 7, 10, 11		
13	<i>Magnolia virginiana</i>	Sweetbay Magnolia	3" Cal.	AS SHOWN	39	X		1, 3, 4, 5, 6, 9, 10, 12		
4	<i>Pinus virginiana</i>	Virginia Pine	3" Cal.	AS SHOWN	12	X		1, 3, 4, 5, 6, 10, 11		
34	Total Understory Trees									
Shrubs, Grasses, and Groundcover										
19	<i>Hypericum prolificum</i>	St. John's Wort	3 GAL.	4' O.C.		X		5, 6, 10, 12		
49	<i>Ilex cornuta</i> 'Burfordi Nana'	Dwarf Burford Holly	3 GAL.	3' O.C.		X		5, 6, 7, 10, 12		
22	<i>Ilex glabra</i> 'Shamrock'	Shamrock Inkberry	3 GAL.	4' O.C.		X		5, 6, 7, 10, 12		
29	<i>Itea virginiana</i> 'Henry's Garnet'	Itea 'Henry's Garnet'	3 GAL.	4' O.C.		X		5, 6, 10, 12		
80	<i>Juniperus conferta</i> 'Blue Pacific'	Blue Pacific Juniper	1 GAL.	30" O.C.				5, 6, 10, 12		
46	<i>Muhlenbergia capillaris</i>	Pink Muhlygrass	3 GAL.	3' O.C.		X		5, 6, 10, 12		
16	<i>Panicum virgatum</i>	Switchgrass	3 GAL.	3' O.C.				5, 6, 10, 12		
62	Total Trees				Total Density Inches		214			

- Notes:
- Overstory replacement trees shall be at least four (4)-inch caliper DBH and twelve (12) feet high at the time of planting.
 - Understory trees shall be at least one (1)-inch caliper DBH and six (6) feet high at time of planting.
 - Overstory trees shall be planted a minimum of 30 feet apart and understory trees shall be planted a minimum of 20 feet apart.
 - Trees shall be planted no closer than 15 feet from any building.
 - Tree selections shown were taken from the Union City Tree Species List.

- Legend:
- Single Trunk
 - Multi-Trunk, 3-5 canes, 1" min./cane
 - Straight Trunk
 - Central Leader
 - Natural Branching
 - Full Canopy / Head
 - Full to Ground
 - Tree Form
 - Specimen
 - Matched Set
 - Balled and Burlapped (B&B)
 - Container

- 2- SAVANNAH HOLLY LANDSCAPE STRIP TREES
- 3- MUSCLEWOOD LANDSCAPE STRIP TREES
- SILT FENCE, TYP. (SEE EROSION CONTROL PLANS)
- LIMITS OF DISTURBANCE, TYP.



TREE PLAN NOTES

- ALL TREES WITHIN THE LIMITS OF DISTURBANCE TO BE REMOVED, (UNLESS OTHERWISE NOTED).
- ALL DISTURBED AREAS SHALL BE COVERED WITH SEED AND STRAW PER EROSION CONTROL PLANS, (UNLESS OTHERWISE NOTED).
- ALL NEWLY PLANTED TREES SHALL HAVE A SIX-FOOT DIAMETER PINE STRAW MULCH RING, (UNLESS OTHERWISE NOTED).
- SEE SHEET L-100 FOR ADDITIONAL INFORMATION.
- ALL SHRUBS SHALL BE PLANTED IN A BED WITH THREE INCHES OF PINE STRAW.

PROPOSED CONVENIENCE STORE

5051 STONEWALL TELL ROAD UNION CITY, GA 30349

PREPARED FOR:

M&A BUSINESS VENTURES, LLC

PARCEL ID: 09F340101340342

UNION CITY, FULTON COUNTY, GEORGIA



MASS ENGINEERING AND CONSULTANTS, LLC.

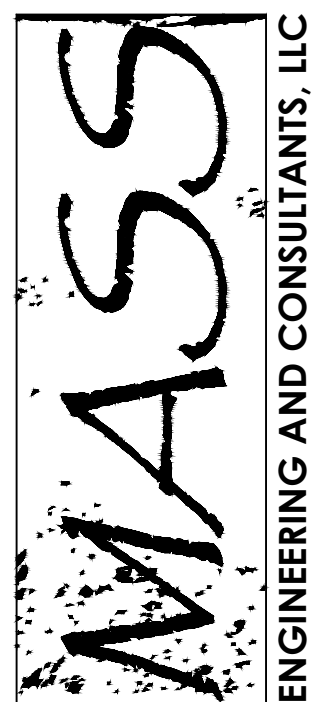
3489 ACWORTH QUE WEST ROAD, SUITE 606

ACWORTH, GEORGIA 30101

PHONE: 404.850.7790 EXT. 901

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REVISIONS

DATE:	DESCRIPTION
12/19/24	CITY COMMENTS
5/9/25	CITY COMMENTS
6/27/25	CITY COMMENTS
8/22/25	CITY COMMENTS

TREE PLAN

PROJECT NUMBER: 24-0018

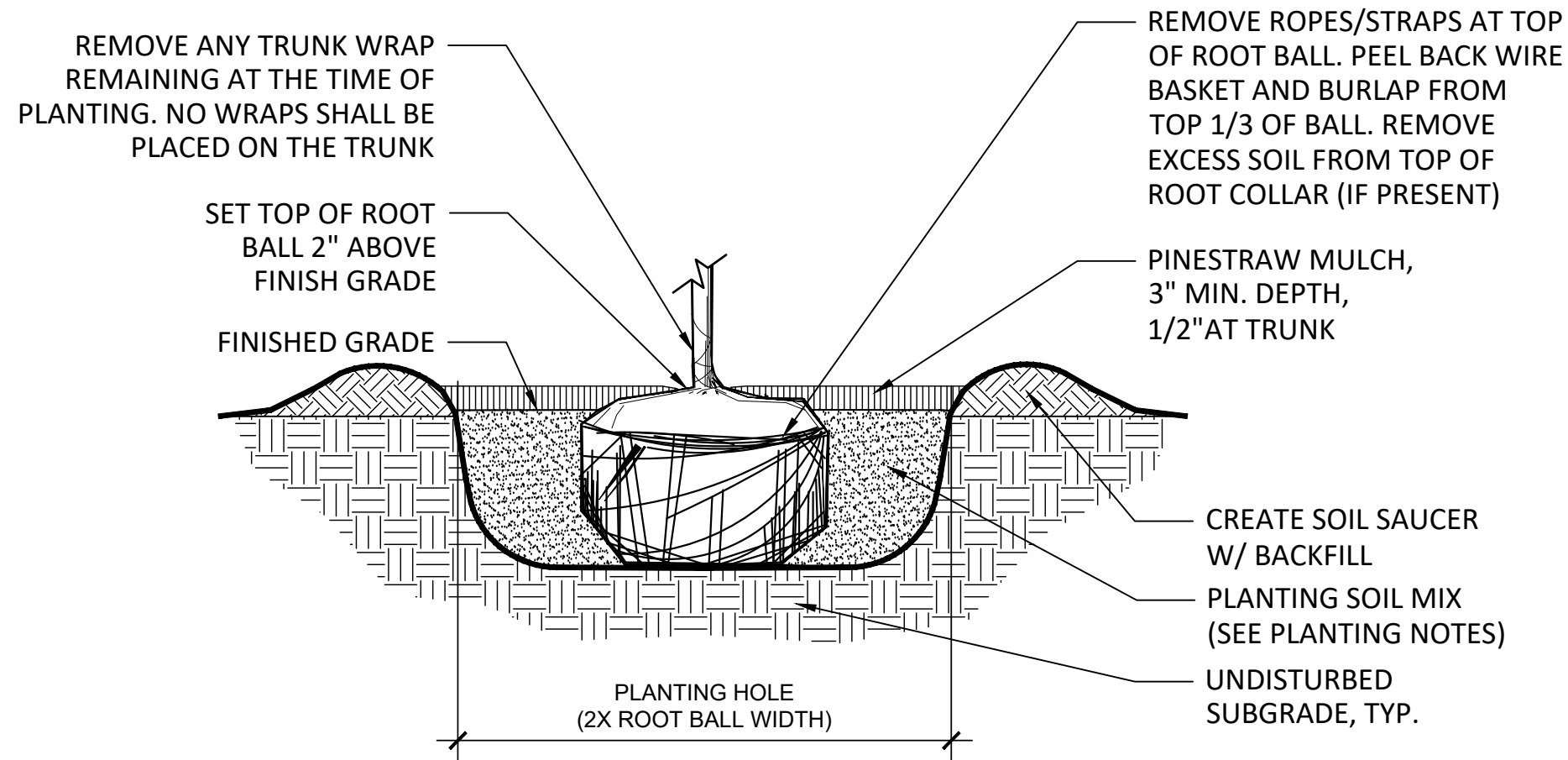
DATE: AUGUST 20, 2024

L101

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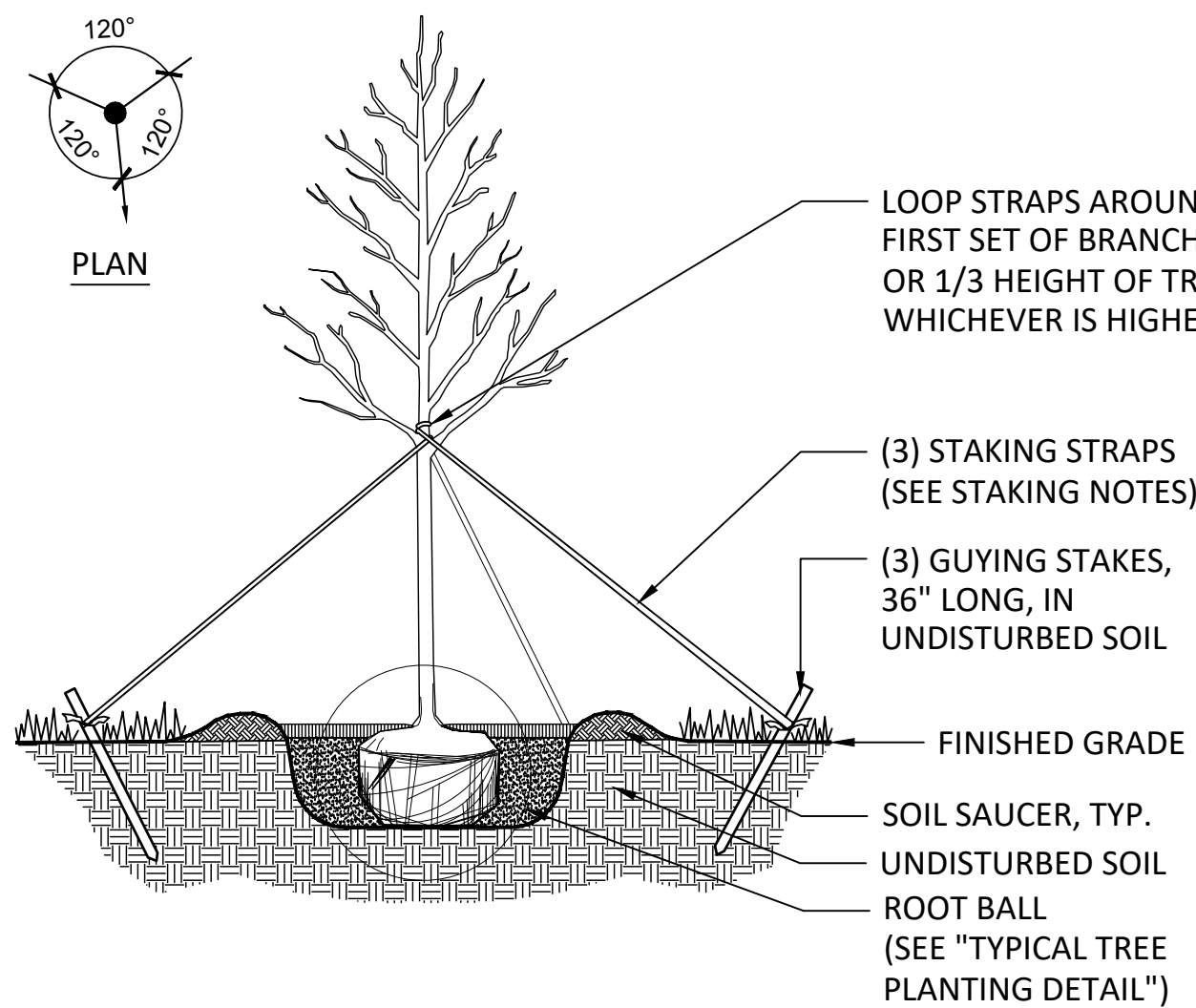


Know what's below.
Call before you dig.



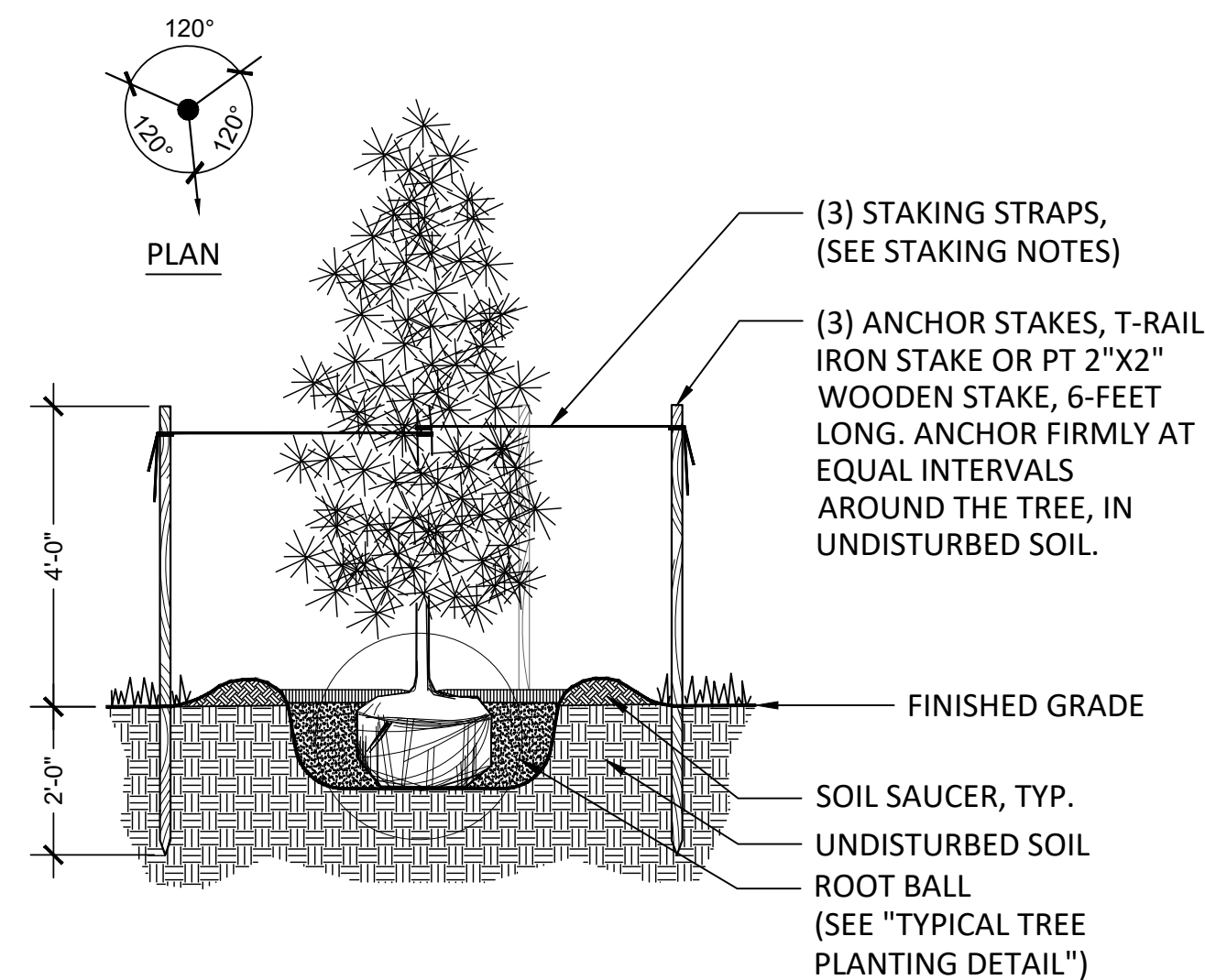
1 TYPICAL TREE PLANTING DETAIL

SCALE: NTS



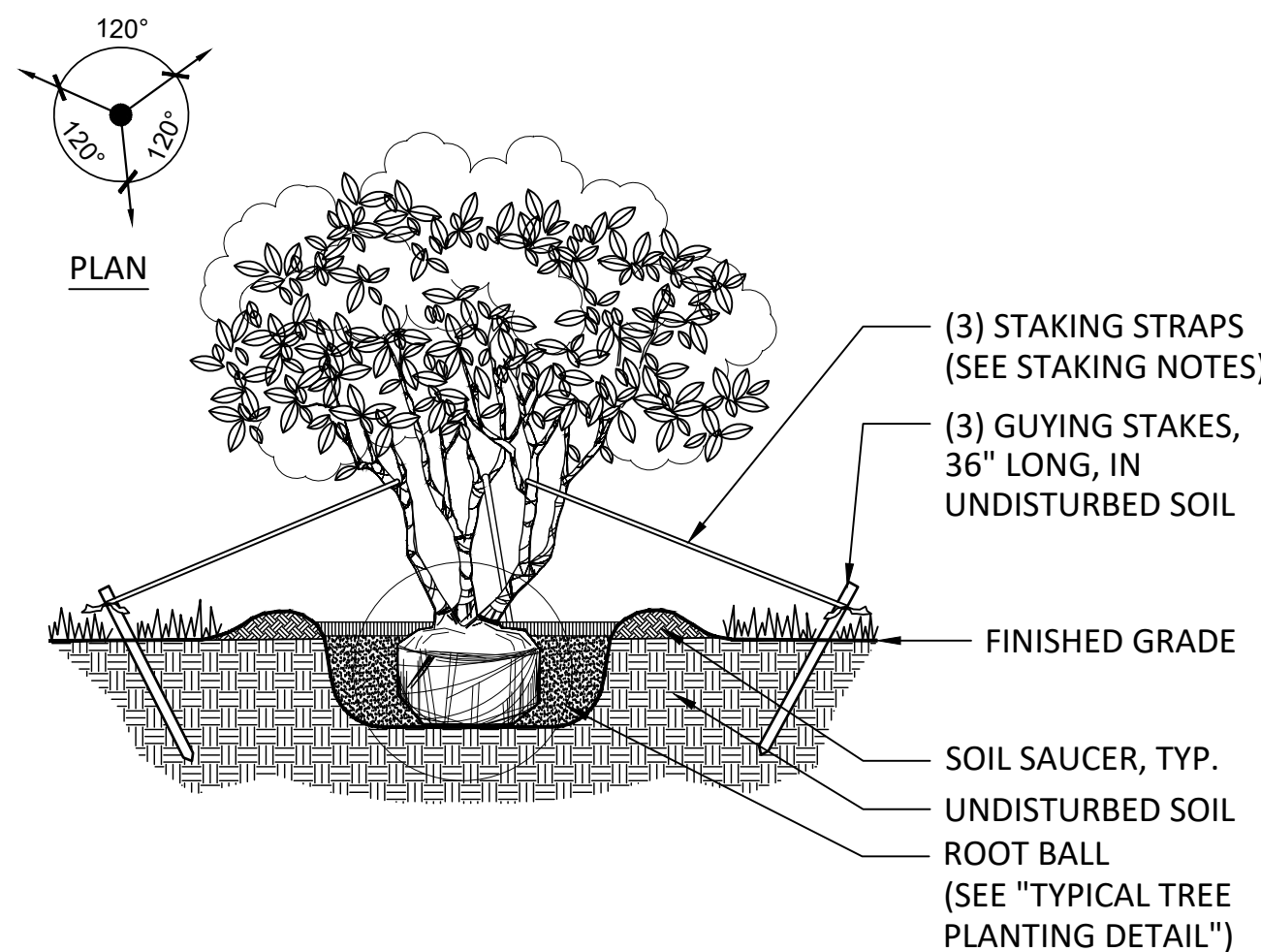
2 DECIDUOUS TREE STAKING DETAIL (> 2" CALIPER)

SCALE: NTS



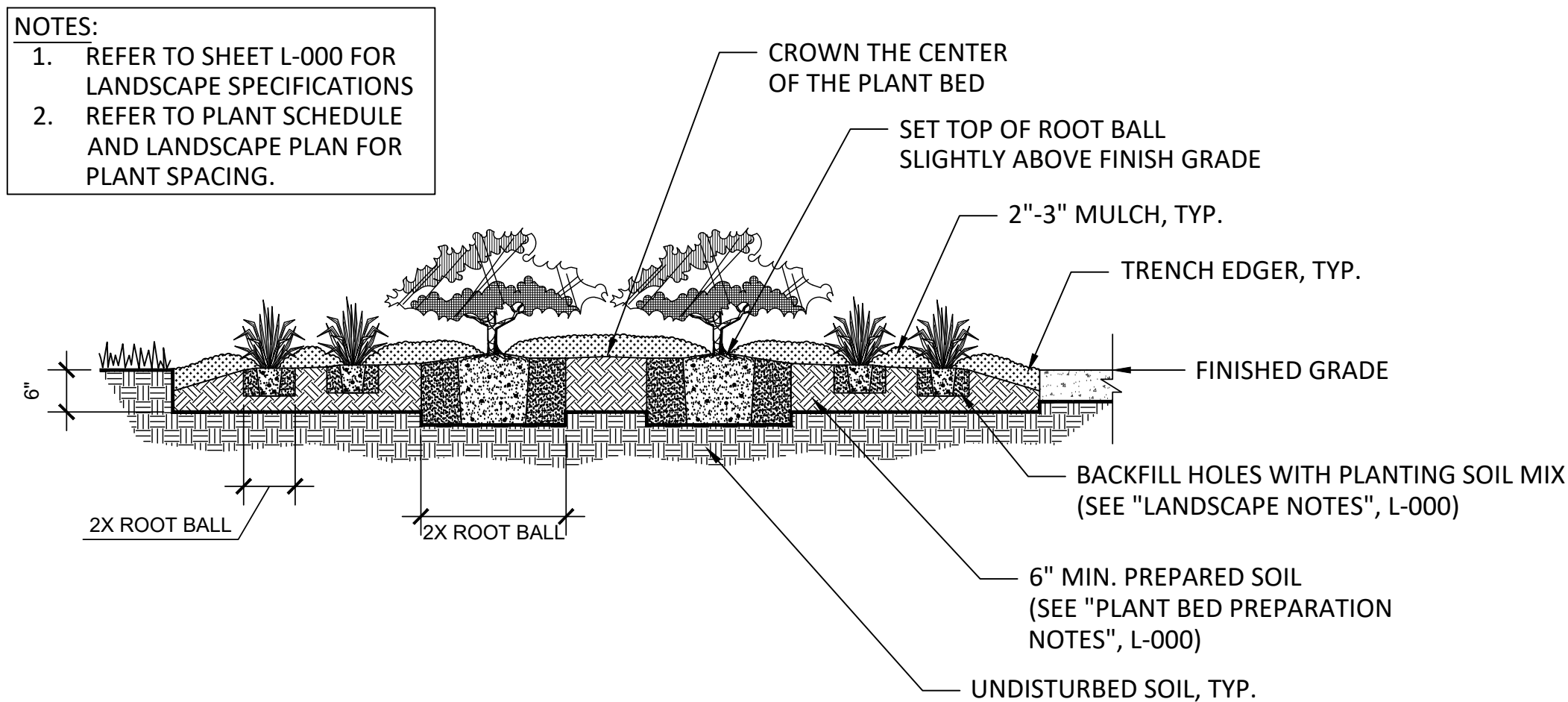
3 EVERGREEN TREE STAKING DETAIL

SCALE: NTS



4 MULTI-TRUNK TREE STAKING DETAIL

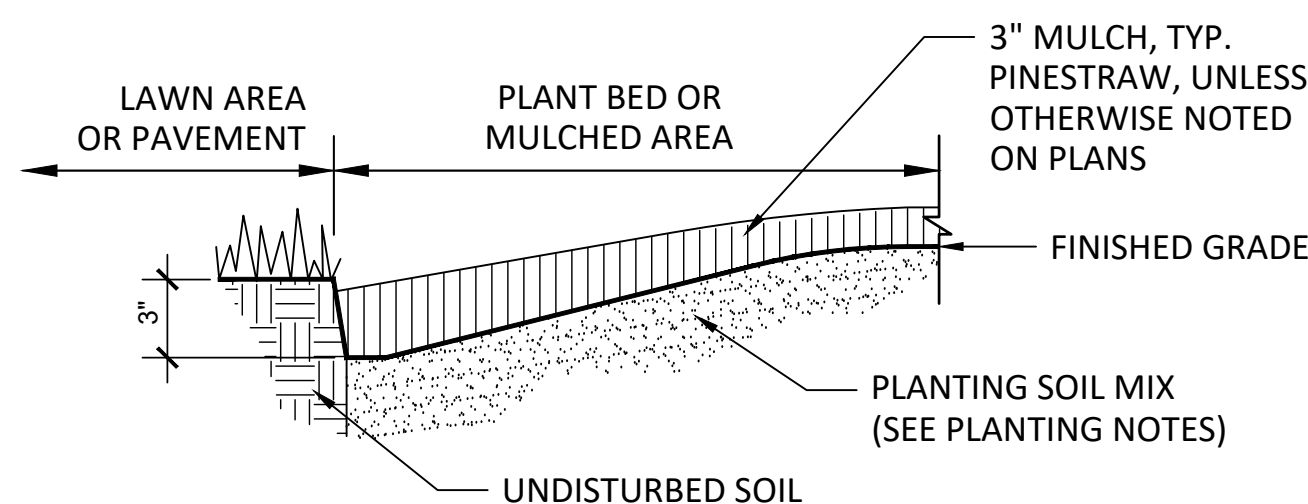
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5 SHRUB & GROUNDCOVER PLANTING DETAIL

SCALE: NTS

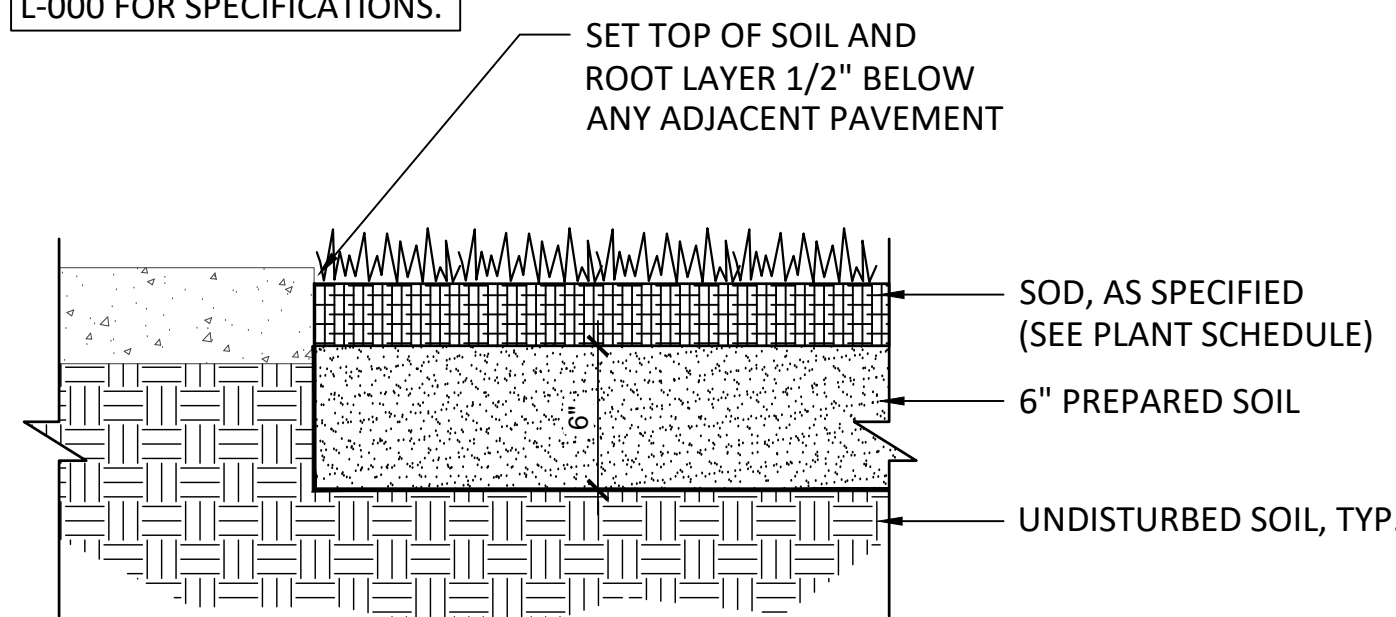
NOTE: USE TRENCH EDGER AT ALL EDGES OF BEDLINES TO CONTAIN MULCH.



6 TRENCH EDGER DETAIL

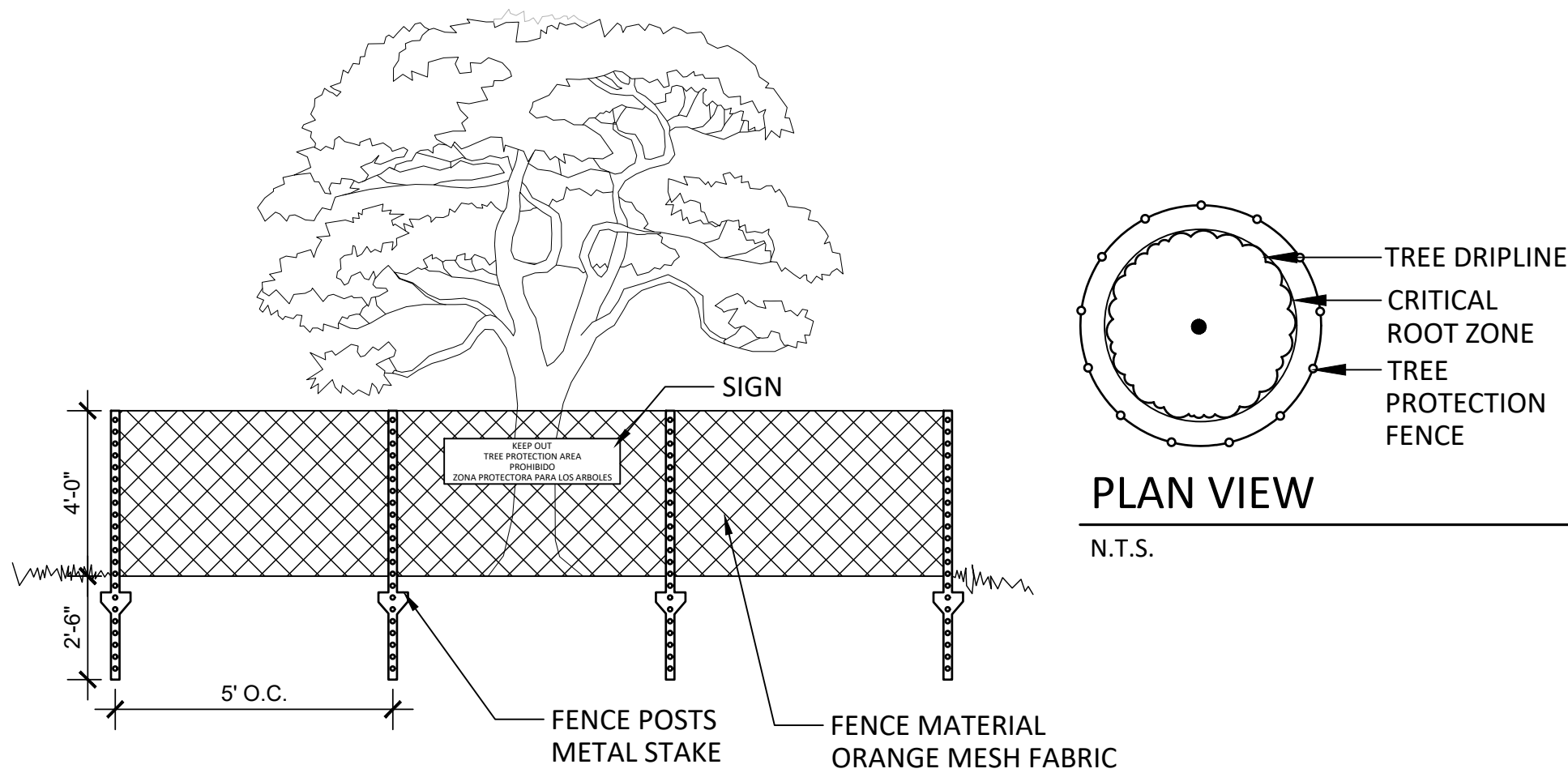
SCALE: NTS

NOTE: REFER TO "TURF GRASS SOD" NOTES, SHEET L-000 FOR SPECIFICATIONS.



7 SOD DETAIL

SCALE: NTS



8 TREE PROTECTION FENCE DETAIL

SCALE: NTS

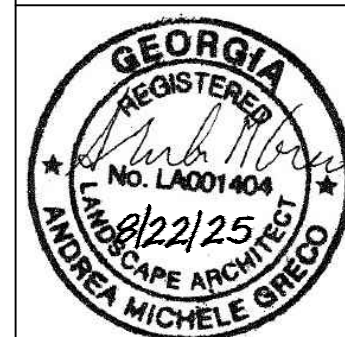


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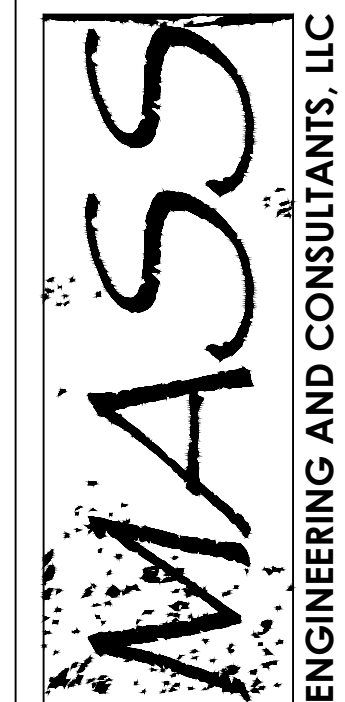
PROPOSED CONVENIENCE STORE
5051 STONEWALL TELL ROAD UNION CITY, GA 30349

PREPARED FOR:
M&A BUSINESS VENTURES, LLC

PARCEL ID: 09F340101340342
LAND LOT 134, DISTRICT 9F
UNION CITY, FULTON COUNTY, GEORGIA



MASS ENGINEERING AND CONSULTANTS, LLC.
3485 ACWORTH QUE WEST ROAD, SUITE 666
ACWORTH, GEORGIA 30101
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REVISIONS	
DATE:	DESCRIPTION
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5/9/25	CITY COMMENTS
6/27/25	CITY COMMENTS
8/22/25	CITY COMMENTS

TREE PLAN DETAILS	
PROJECT NUMBER:	24-0018
DATE:	AUGUST 20, 2024
L101	

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