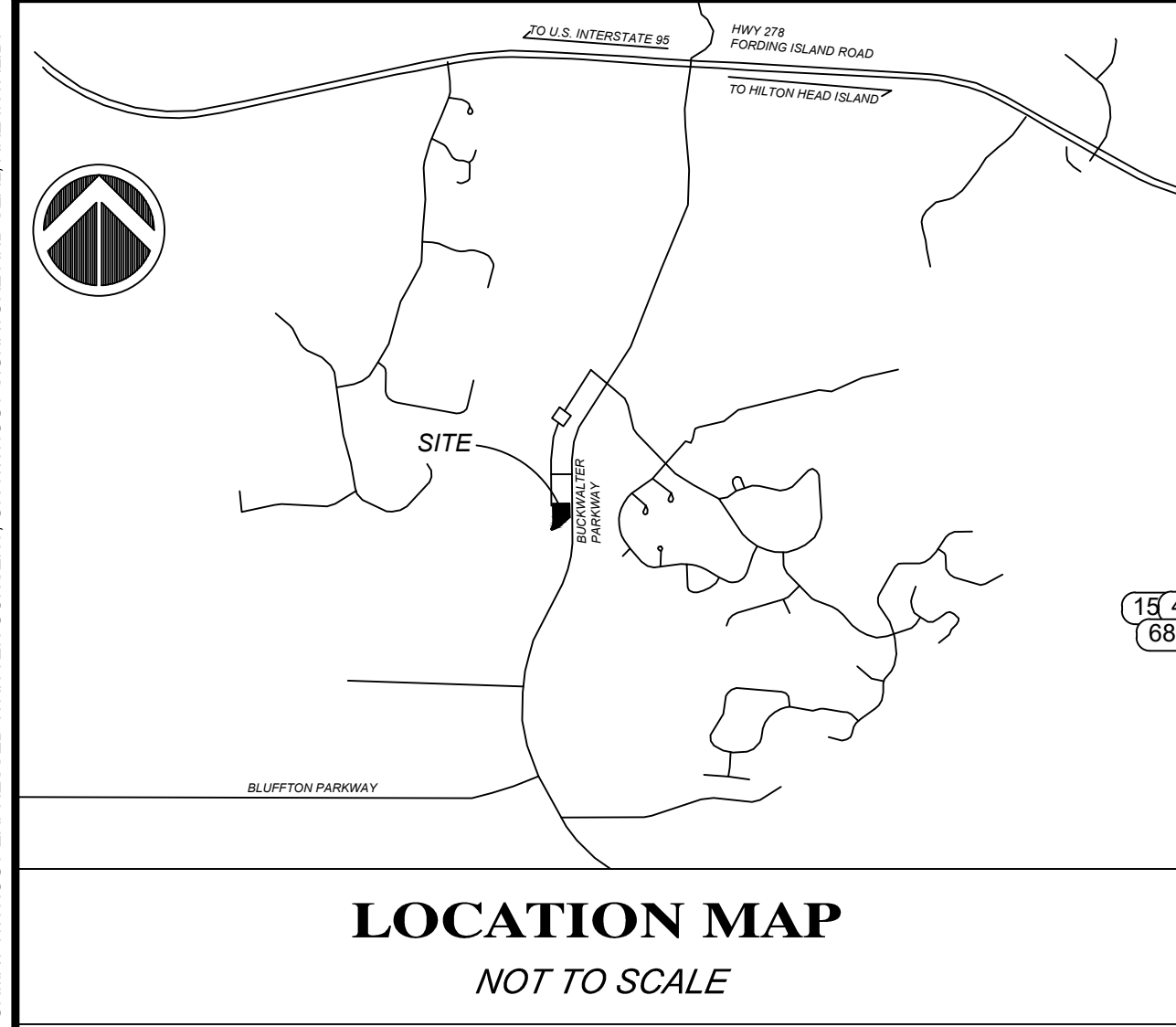
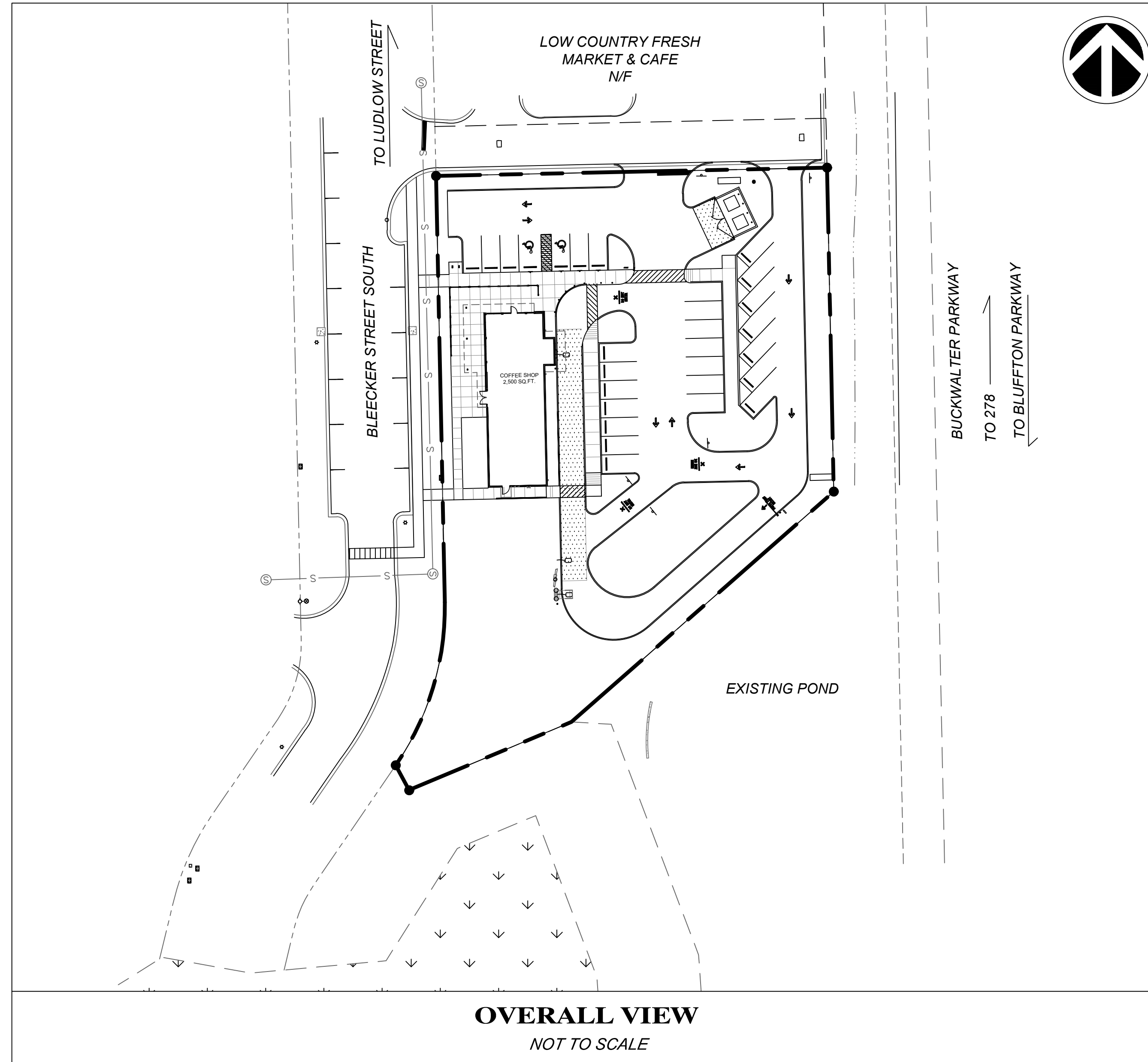


SITE DEVELOPMENT PLANS FOR STARBUCKS - LOT 4, WASHINGTON SQUARE VAQUERO BLUFFTON PARTNERS, LP

TOWN OF BLUFFTON, BEAUFORT COUNTY, SOUTH CAROLINA



SHEET #	SHEET TITLE	ORIGINAL DATE	REV #	REVISION DATE
C-1	COVER	1/25/2023	1	3/28/2023
C-2	GENERAL NOTES AND LEGENDS	1/25/2023	1	3/28/2023
C-3	OVERALL SITE PLAN	1/25/2023	1	3/28/2023
C-4	SEDIMENT & EROSION CONTROL PLAN - STAGE 1	1/25/2023	1	3/28/2023
C-5	SEDIMENT & EROSION CONTROL PLAN - STAGE 2	1/25/2023	1	3/28/2023
C-6	SEDIMENT & EROSION CONTROL DETAILS	1/25/2023	1	3/28/2023
C-7	WATER DISTRIBUTION & SANITARY SEWER PLAN	1/25/2023	1	3/28/2023
C-8	(SHEET OMITTED)	1/25/2023	1	3/28/2023
C-9A	WATER DISTRIBUTION DETAILS	1/25/2023	1	3/28/2023
C-9B	SANITARY SEWER DETAILS	1/25/2023	1	3/28/2023
C-10	GRADING PLAN	1/25/2023	1	3/28/2023
C-11	DRAINAGE PLAN	1/25/2023	1	3/28/2023
C-12	STORM DRAIN PROFILES	1/25/2023	1	3/28/2023
C-13	SIGNAGE, STRIPING AND SITE PLAN	1/25/2023	1	3/28/2023
C-14A	SIGNAGE, GRADING & DRAINAGE DETAILS	1/25/2023	1	3/28/2023
C-14B	SIGNAGE, GRADING & DRAINAGE DETAILS	1/25/2023	1	3/28/2023
C-14C	SIGNAGE, GRADING & DRAINAGE DETAILS	1/25/2023	1	3/28/2023
L1.0	OVERALL LANDSCAPE PLAN	1/25/2023	1	3/28/2023
L2.0	(SHEET OMITTED)	1/25/2023	-	-
LD	(SHEET OMITTED)	1/25/2023	-	-



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PROJECT NO: 22091

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RELEASED FOR CONSTRUCTION

THESE PLANS ARE HEREBY RELEASED FOR CONSTRUCTION BASED UPON THE APPROVALS FROM THE FOLLOWING AGENCIES:

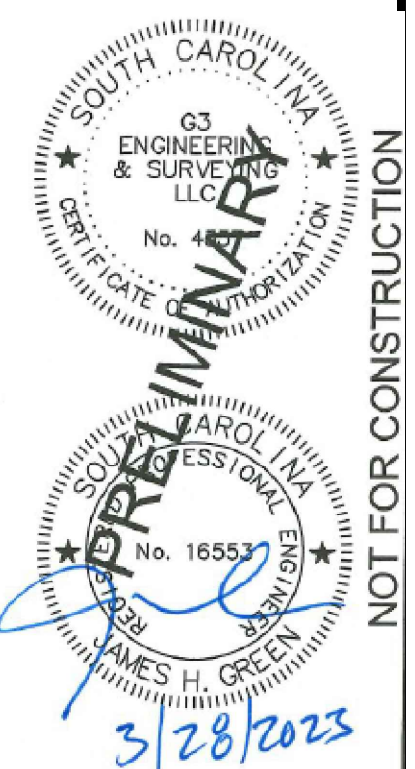
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APPROVED FOR G3 ENGINEERING _____ DATE _____



NOT FOR CONSTRUCTION

22091 - STARBUCKS BLUFFTON

3/28/2023

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REV #	DESCRIPTION	BY	DATE
1	DIC-BLUFFTON AND BMSA COMMENTS	MAK	3/28/2023

FOR SEDIMENT & EROSION CONTROL LEGEND SEE SEDIMENT & EROSION CONTROL PLAN SEDIMENT & EROSION CONTROL NOTES

- IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS. IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
 - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
 - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
- PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SCR100000.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
- LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
- INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
- MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING. WHEEL WASH WATER, AND OTHER WASH WATERS, WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPs (SEDIMENT BASIN, FILTER BAG, ETC.).
- THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED: WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL; WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS; FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
- IF EXISTING BMPs NEED TO BE MODIFIED OR IF ADDITIONAL BMPs ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC8 WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPs MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
- A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES. FOR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

CONSTRUCTION SEQUENCE

- THIS FIRST STEP MUST BE COMPLETED PRIOR TO MOBILIZING ON SITE AND COMMENCING ANY CONSTRUCTION ACTIVITIES COMPLETE ALL INFORMATION IN APPROPRIATE SPACES ON THIS DRAWING, INCLUDING THE NAME OF THE RESPONSIBLE INDIVIDUAL, ON SITE, FOR THE EROSION AND SEDIMENT CONTROL MEASURES, INSTALLATION, OPERATION AND MAINTENANCE. CONTACT THE ENGINEER OF RECORD AND SC8/HEC-OCRM (843) 626-7217 AND PROVIDE THEM THE NAME OF THE RESPONSIBLE INDIVIDUAL, ON-SITE, AND THE TELEPHONE NUMBER WHERE THEY CAN BE CONTACTED. THE EXECUTED COPY OF THIS PLAN MUST REMAIN ON THE JOB SITE AT ALL TIMES READILY AVAILABLE FOR INSPECTION.
- THE CONTRACTOR SHALL ONLY CLEAR AND GRUB THOSE AREAS NECESSARY FOR THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES.
- PROVIDE SILT AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION.
- CONTACT THE ENGINEER OF RECORD TO INSPECT THE INSTALLATION OF THE CONTROL MEASURES AND DO NOT COMMENCE CONSTRUCTION ACTIVITIES UNTIL THE INSTALLATION OF THE EROSION AND SEDIMENT CONTROL MEASURES HAS BEEN APPROVED BY THE ENGINEER.
- UPON ACCEPTANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, THE CONTRACTOR SHALL BE PERMITTED TO COMMENCE HIS CONSTRUCTION ACTIVITIES AS FOLLOWS:
 - CLEARING AND GRUBBING THE REMAINING PORTIONS OF THE SITE.
 - DEMOLITION AND REMOVAL
 - ROAD GRADING AND PAVEMENT INSTALLATION.
 - BUILDING PAD, UTILITY SERVICES AND STORM WATER MANAGEMENT SYSTEM INSTALLATION USING PROPER EROSION AND SEDIMENT CONTROL MEASURES.
 - FINAL GRADING, LANDSCAPING OR STABILIZATION. CHANGES TO THE CONTRACTOR'S SEQUENCE OF CONSTRUCTION MAY VARY ACCORDING TO HIS METHODS AND TECHNIQUES AND WILL NOT CONSTITUTE A VIOLATION UNLESS MEASURES TO CONTROL STORM WATER RUNOFF, EROSION, AND SEDIMENT ARE NOT UTILIZED.
- CONSTRUCT TEMPORARY DITCHING AND/OR OTHER METHODS AS REQUIRED TO DE-WATER THE SITE AND PROVIDE POSITIVE DRAINAGE THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD. INSTALL TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES AS NEEDED FOR ALL METHODS USED TO DE-WATER AND PROVIDE POSITIVE DRAINAGE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING ALL MEASURES NECESSARY FOR DE-WATERING AND POSITIVE DRAINAGE. THE ENGINEER SHALL APPROVE ALL SEDIMENT AND EROSION CONTROL MEASURES. ALL DE-WATERING AND PROVIDING POSITIVE DRAINAGE WITH SEDIMENT/EROSION CONTROL MEASURES SHALL BE PROVIDED AS NECESSARY BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- PERFORM NECESSARY EARTH WORK TO PREPARE THE BUILDING PAD AND INSTALL ALL UTILITY INFRASTRUCTURE WITH SEDIMENT AND EROSION CONTROL MEASURES AS REQUIRED. PERFORM ALL REMAINING EARTH WORK AS REQUIRED AND CONSTRUCT ALL PAVED AREAS AS SPECIFIED.
- THE CONTRACTOR SHALL NOTIFY BOTH THE ENGINEER OF RECORD AND SC8/HEC-OCRM UPON THE ESTABLISHMENT OF PERMANENT STABILIZATION FOR THE SITE. UPON FINAL ACCEPTANCE, THE REMAINING TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED BY THE CONTRACTOR.

DRAINAGE LEGEND

DESCRIPTION	EXISTING	PROPOSED
SPOT ELEVATIONS	+ 28.75	+ 28.75
DRAINAGE PIPE		
CATCH BASIN		
FINISHED GRADE		
DRAINAGE FLOW ARROW		
DRAINAGE BASIN DIVIDE		
SOIL BORING LOCATION		
STORM DRAIN JUNCTION BOX		
CURB INLET		
DROP INLET		
CONTOUR LINE	22	22
SWALE		

PAVING, GRADING & DRAINAGE NOTES

- ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION'S (S.C.D.O.T.'S) RIGHTS-OF-WAY SHALL BE IN ACCORDANCE WITH S.C.D.O.T.'S SPECIFICATIONS AND STANDARDS.
- ALL UNPAVED AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED. ALL NEWLY CLEARED RIGHT-OF-WAYS SHALL BE SEEDED AND MULCHED WITHIN 14 DAYS OF CONSTRUCTING NEW STREET.
- TRAFFIC CONTROL ON ALL COUNTY RIGHT-OF-WAYS SHALL MEET THE REQUIREMENTS OF THE SOUTH CAROLINA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (SCDOT) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION.
- THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED.
- ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED AS INDICATED, OTHERWISE ALL OTHER AREAS SHALL BE SEEDED AND MULCHED.
- THE CONTRACTOR SHALL GRADE AROUND EXISTING TREES DESIGNATED TO REMAIN AND MAINTAIN A 5' UNDISTURBED AREA FROM AROUND THE DRIP LINE. THE RIGHTS-OF-WAY SHALL BE CLEARED AND GRUBBED BY REMOVING ALL TREES, SHRUBS, STUMPS, ROOTS, MUCK, AND OTHER DELETERIOUS MATERIAL PRIOR TO FILLING. ALL FILL MATERIAL USED ON SITE SHALL BE VOID OF STUMPS, ROOTS, MUCK AND ALL OTHER DELETERIOUS MATERIALS.
- ALL CONCRETE USED ON SITE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS. ALL CONCRETE SIDEWALKS SHALL HAVE CONTROL JOINTS CUT ON 5' CENTERS AND EXPANSION JOINTS PLACED ON 25' CENTERS.
- ALL REINFORCED CONCRETE PIPE SHALL BE CLASS III UNLESS NOTED OTHERWISE, AND INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS. ALL JOINT SHALL BE SEALED WITH GASKETS CONFORMING TO AASHTO M 198 & WRAPPED WITH FILTER FABRIC. FILTER FABRIC SHALL EXTEND NO LESS THAN 24 INCHES ON EACH SIDE OF THE JOINT.
- ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
- WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
- WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN BARE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND BACK FILL WITH TOPSOIL OR SUITABLE MATERIAL.
- THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE DESIGNED AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
- STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS UNDER BUILDING OR PAVING. TOPSOIL MAY BE STOCKPILED ON SITE FOR REPLACEMENT ON SLOPES. THE CONTRACTOR SHALL PLACE SILT FENCING AROUND THE TOE OF THE TOPSOIL.
- ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND 4-INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL APPROVED BY THE OWNER, AS NEEDED. THE AREAS SHALL THEN BE SODDED OR SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE GRASSED EXCEPT AS SHOWN ON THE LANDSCAPING PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

OPERATION & MAINTENANCE OF STORMWATER MANAGEMENT SYSTEM:

- THE OWNER IS RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM.
- PERIODIC MAINTENANCE OF THE SYSTEM MUST BE IMPLEMENTED BY THE OWNER FOR THE SYSTEM TO FUNCTION PROPERLY. PERIODIC MAINTENANCE SHALL BE IN ACCORDANCE WITH THE SCHEDULE BELOW.

PERMANENT STORMWATER MANAGEMENT STRUCTURE SCHEDULE OF MAINTENANCE	
MAINTENANCE ITEM	INTERVAL
GRASS TO BE MOWED	BI-WEEKLY
TYPE "SI" INLET PROTECTION TO BE CLEANED AND REPLACED	AS NECESSARY
OUTLET PIPE TO BE CLEANED, INSPECTED, AND REPAIRED	BI-ANNUALLY
PAVERS TO BE CLEANED, INSPECTED, AND REPAIRED	AS NECESSARY

UTILITIES LEGEND

DESCRIPTION	EXISTING	PROPOSED
SANITARY SEWER	S	S
WATER LINE W/SIZE	W - 6" W	W - 6" W
UNDERGROUND ELECTRIC	UGE	UGE
CLEANOUT		
FIRE HYDRANT ASSEMBLY		
FORCE MAIN W/SIZE	FM	FM
GAS LINE	G	G
GATE VALVE & BOX		
HOSE BIBB		
OVERHEAD WIRE	OHW - OHW	OHW - OHW
FIRE DEPT. CONNECTION		
SANITARY SEWER		
TAPPING SLEEVE & VALVE		
TELEPHONE		
TELEPHONE LINE	UGT - UGT	UGT - UGT
WATER METER		
EXISTING CONDUIT	CI - CI	CI - CI
UTILITY POLE W/ GUY WIRE		

WATER & SEWER UTILITY NOTES

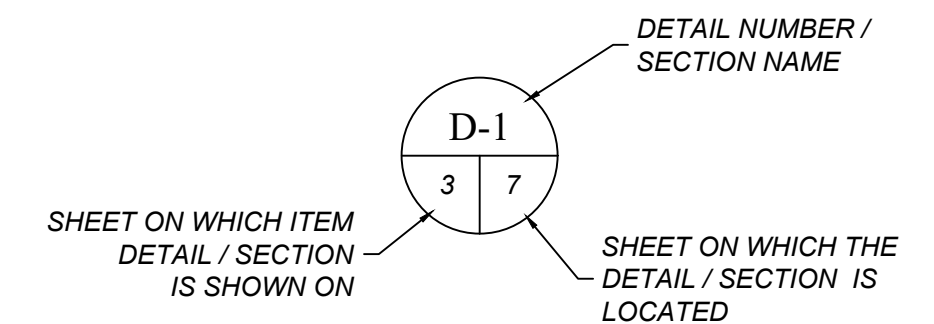
- THE CONTRACTOR SHALL CONSTRUCT THE GRAVITY SEWER LATERAL, GRAVITY SEWER LINES AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND IN ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THESE PLANS. BEAUFORT JASPER WATER AND SEWER AUTHORITY (BJWSA) REGULATIONS AND THE SPECIFICATIONS OF THIS JOB. IN THE EVENT THAT THESE SPECIFICATIONS ARE NOT IN AGREEMENT, THE MOST STRINGENT SPECIFICATION SHALL GOVERN.
- EXISTING UTILITY LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY DEVIATIONS FROM THE DESIGN LOCATIONS SHALL BE REPORTED TO THE OWNER OR ENGINEER PRIOR TO CONSTRUCTION. CALL P.U.P.S. 1-800-922-0983 FOR UTILITY LINE LOCATION.
- THE CONTRACTOR SHALL RESTORE ALL VEGETATION IN KIND.
- DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SEPARATELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATER-TIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.
- ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER. ALL PIPE AND FITTINGS SHALL BE CAREFULLY STORED FOLLOWING MANUFACTURER'S RECOMMENDATIONS WHICH, IN THE OPINION OF THE ENGINEER, RENDERS IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- SHOP DRAWINGS FOR ALL MATERIALS AND APPURTENANCES SHALL BE SUBMITTED TO AND APPROVED BY BEAUFORT JASPER WATER AND SEWER AUTHORITY (BJWSA) AND THE ENGINEER. NO WORK IS TO BEGIN UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED, APPROVED AND RETURNED TO THE CONTRACTOR.
- PVC FOR WATER LINES AND FORCE MAIN TO BE C900 CLASS 150. PVC FOR SANITARY SEWER BETWEEN DEPTHS OF THREE (3) TO TWELVE (12) FEET TO BE SDR 35. UNLESS OTHERWISE NOTED ON PLANS. PVC FOR SANITARY SEWER GREATER THAN DEPTHS OF TWELVE (12) FEET TO BE DR-18, UNLESS OTHERWISE NOTED ON PLANS.
- WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
- A TEN FOOT (10') MINIMUM HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN WATER MAINS AND STORM DRAIN, SANITARY SEWER AND FORCE MAIN LINES.
- ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE SPECIFICATIONS.
- ALL WATER MAINS TO HAVE A MINIMUM COVER OF 36" UNLESS OTHERWISE NOTED. ALL WATER SYSTEM FITTINGS SHALL BE MEGALUG RESTRAINED.
- WHERE WATER AND SEWER MAINS CROSS WITH LESS THAN 18" VERTICAL CLEARANCE, THE SEWER WILL BE 20" OF EITHER DUCTILE IRON PIPE OR CONCRETE ENCASED PIPE, CENTERED ON THE POINT OF CROSSING. WHEN A WATER MAIN PARALLELS A SEWER MAIN, A SEPARATION OF AT LEAST 10' SHOULD BE MAINTAINED WHERE PRACTICAL.
- WHERE A WATER MAIN IS TO BE INSTALLED BELOW A STORM DRAIN PIPE, A MINIMUM OF 18" VERTICAL CLEARANCE BETWEEN PIPES SHALL BE MAINTAINED UNLESS OTHERWISE DIRECTED BY THE ENGINEER. WHEN A WATER MAIN PARALLELS A STORM SEWER PIPE, A SEPARATION OF AT LEAST 10' SHOULD BE MAINTAINED WHERE PRACTICAL.
- CONTRACTOR SHALL REFER TO ARCHITECT'S PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE AND GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE REGULATORY AGENCY AS TO THE LOCATION AND SCHEDULING OF THE TIE-INS/CONNECTIONS TO THEIR FACILITIES.
- THE SITE WORK CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UNDERGROUND UTILITIES WITH HIS WORK. ALL UNDERGROUND UTILITIES (WATER, SANITARY SEWER, STORM SEWER, ELECTRICAL CONDUIT, IRRIGATION SLEEVES, AND ANY OTHER MISCELLANEOUS), SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF BASE COURSE MATERIAL.
- ALL AT GRADE UTILITIES ARE TO BE OUT OF THE CURB LINE. ALL ABOVE GROUND UTILITIES SHALL BE LOCATED BEYOND THE R/W LINE. FIRE HYDRANTS CAN BE ON THE R/W LINE.
- COORDINATE INSPECTIONS OF ALL MANHOLE BOOTS AND STAINLESS STEEL BANDS AFTER INSTALLATION WITH BEAUFORT JASPER WATER AND SEWER AUTHORITY (BJWSA) PERSONNEL PRIOR TO BACKFILLING.
- COORDINATE INSPECTIONS OF ALL MECHANICAL RESTRAINTS AND CONNECTIONS TO EXISTING INFRASTRUCTURE WITH BEAUFORT JASPER WATER AND SEWER AUTHORITY (BJWSA) PERSONNEL PRIOR TO BACKFILLING.
- NUMBER 12 TRACER WIRE AND WARNING TAPE SHALL BE REQUIRED FOR ALL PRESSURE MAINS. EXTEND TRACER WIRE THROUGH VALVE BOXES FOR CONNECTION TO LOCATING EQUIPMENT.
- THERE SHALL BE A MINIMUM 18" (INCHES) SEPARATION BETWEEN WATER MAINS AND STORM DRAIN PIPES. USE DUCTILE IRON PIPE FOR WATER MAINS WHEN CROSSING UNDER STORM DRAINS. USE CRUSHER RUN STONE BETWEEN STORM DRAINS AND PRESSURE MAINS.

SITE LAYOUT LEGEND

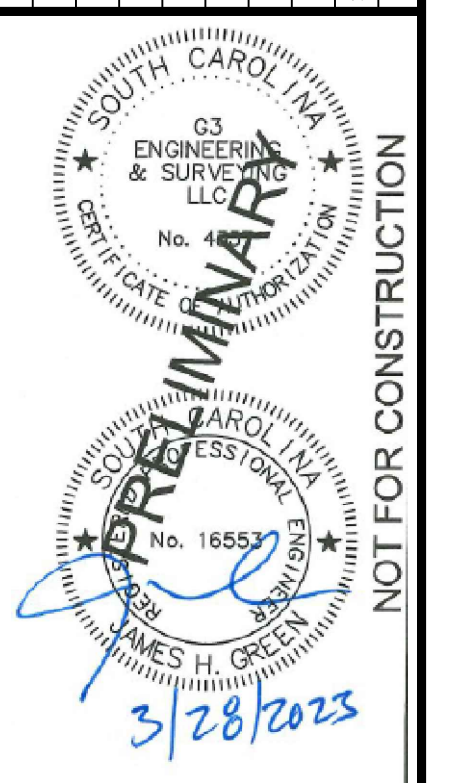
DESCRIPTION	PROPOSED
BUILDING	
ASPHALT PAVEMENT	
HEAVY DUTY ASPHALT PAVEMENT	
CONCRETE PAVEMENT	
CONCRETE SIDEWALK	
CUT AND PATCH	
CENTERLINE	
CURB & GUTTER	
FENCE (AS INDICATED)	
RIGHT-OF-WAY LINE	
SIGN (POST MOUNTED)	
TRAFFIC FLOW ARROW	
OPEN SPACE	

GENERAL CONSTRUCTION NOTES

- TOPOGRAPHIC SURVEY OF LOT 4, WASHINGTON SQUARE TAX MAP NUMBER R614-022-0894-0000 PREPARED FOR FRED CALIGIURI SURVEYED AND MAPPED BY CAROLINA ENGINEERING CONSULTANTS, INC.
- THE REQUIREMENTS OF BEAUFORT JASPER WATER AND SEWER AUTHORITY (BJWSA) STANDARD SPECIFICATIONS AND STANDARD DETAILS SHALL GOVERN ALL UTILITIES WORK, WHERE A CONFLICT EXISTS IN THE REQUIREMENTS OF A REFERENCED MATERIAL OR INSTALLATION STANDARD, THE REQUIREMENTS OF BEAUFORT JASPER WATER AND SEWER AUTHORITY (BJWSA) SHALL PREVAIL. WHERE THE REQUIREMENTS OF A STATE OR LOCAL AGENCY HAVING JURISDICTION ARE MORE STRINGENT THOSE REQUIREMENTS SHALL PREVAIL.
- NO PORTION OF THE WORK SHALL BE ACCOMPLISHED UNTIL THE APPROPRIATE PERMITS AND APPROVALS FOR THAT WORK HAVE BEEN OBTAINED. THE CONTRACTOR SHALL HAVE COPIES OF ALL PERMITS AND THEY SHALL BE RETAINED AT THE PROJECT SITE AT ALL TIMES FOR INSPECTION BY THE OWNER'S REPRESENTATIVE.
- ANY DISCREPANCIES ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN TO BE MADE WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION AND EXISTENCE OF ALL UNDERGROUND UTILITIES. LOCATION OF UTILITIES ON THE PLAN, WHETHER FULLY AND CORRECTLY LOCATED OR OMITTED, WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OR LIABILITY FOR DAMAGE TO UTILITIES CAUSED BY HIS CONSTRUCTION EFFORT. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES FOR ASSISTANCE IN LOCATING THEIR UTILITIES. THE CONTRACTOR MUST FULLY COMPLY WITH THE SOUTH CAROLINA UNDERGROUND UTILITIES DAMAGE PREVENTION ACT, GENERAL STATUS 58-35, SECTIONS 20 THROUGH 120.
- THE CONTRACTOR SHALL NOTIFY OCRM, ALL LOCAL GOVERNING AGENCIES, THE OWNER, THE ENGINEER AND ALL OTHER CONCERNED PARTIES OF THE CONSTRUCTION COMMENCEMENT DATE SO INSPECTIONS AND OTHER SITE VISITS MAY BE SCHEDULED.
- DATA REQUIRED FOR PREPARATION OF RECORD DRAWINGS SHALL BE OBTAINED BY THE CONTRACTOR AT THE TIME OF INSTALLATION IN ACCORDANCE WITH THE SPECIFICATIONS AND LOCAL AUTHORITY REQUIREMENTS FOR WATER, SANITARY SEWER, STORM SEWER AND ALL UNDERGROUND UTILITIES. THIS DATA SHALL BE ACCUMULATED BY THE CONTRACTOR'S SURVEYOR AND COORDINATED WITH THE PROJECT INSPECTOR ON A DAILY BASIS DURING THE CONSTRUCTION PERIOD. AS BUILT DWGS SHALL BE SUBMITTED TO THE PROJECT INSPECTOR AS PREPARED BY A LICENSED PUBLIC LAND SURVEYOR UPON THE COMPLETION OF THE PROJECT.
- CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE, AT ALL TIMES, ONE COPY OF APPROVED PLANS, SPECIFICATIONS AND ANY SPECIAL PROVISIONS, AND COPIES OF ALL REQUIRED CONSTRUCTION PERMITS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED AND IN CONFORMANCE WITH BEAUFORT COUNTY SPECIFICATIONS AND REQUIREMENTS. HE SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS.
- ALL COPIES OF COMPACTION, CONCRETE, AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO BEAUFORT COUNTY, THE SITE INSPECTOR AND OWNER'S REPRESENTATIVE DIRECTLY FROM THE TESTING AGENCY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL NEW ABOVE GROUND AND AT GRADE UTILITIES. HE SHALL NOT INSTALL ANY ABOVE GROUND UTILITIES WITHIN THE RIGHT-OF-WAY AND ALL AT GRADE UTILITIES SHALL BE OUT OF THE CURB AND GUTTER SECTION OF THE ROADWAY.
- A SIGN OR OTHER NOTICE WILL BE POSTED CONSPICUOUSLY NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE INDICATING THE LOCATION OF THE SWPPP. THE COPY OF THE SWPPP IS REQUIRED TO BE KEPT ON SITE OR LOCALLY AVAILABLE MUST BE MADE AVAILABLE, IN ITS ENTIRETY, TO DHEC OR THE EPA STAFF FOR REVIEW AND COPYING AT THE TIME OF AN ON-SITE INSPECTION.
- THE LAND DISTURBING ACTIVITY WILL BE ACCOMPLISHED PURSUANT TO THE CONCEPT PLAN, AND THE COUNTY HAS THE RIGHT TO CONDUCT ON-SITE INSPECTIONS.
- FINAL INSPECTIONS WILL NOT BE CONDUCTED UNTIL A FINAL AS-BUILT HAS BEEN SUBMITTED TO THE COUNTY.
- PROHIBIT ALL FENCES AND STRUCTURE WHICH WOULD INTERFERE WITH ACCESS TO ALL EASEMENT AREAS AND / OR MAINTENANCE FUNCTION OF THE DRAINAGE SYSTEM.
- FOR ALL CURB AND GUTTER, THE CONTRACTOR SHALL PROVIDE THE ENGINEERING DEPARTMENT WITH CYLINDER TESTING DATA (SC-T-4) FROM AN INDEPENDENT TESTING LAB (AASHTO CERTIFIED) AND INSPECTOR CERTIFIED BY THE SCDOT TO INSPECT AND TEST CONCRETE INDICATING COMPRESSIVE STRENGTH OF CONCRETE TESTED. A MINIMUM OF THREE TEST CYLINDERS EQUALLY SPACED SHALL BE TAKEN FOR THE FIRST 1000 LINEAR FEET. AN ADDITIONAL CYLINDER SHALL BE TAKEN FOR EACH ADDITIONAL FIVE HUNDRED LINEAR FEET OF CURBING. ALL TESTS SHALL BE IDENTIFIED WITH STATION IDENTIFICATION NUMBERS. NO TEST CYLINDER SHALL ATTAIN LESS THAN 2500 PSI WHILE THE AVERAGE OF ALL TEST CYLINDERS SHALL BE AT LEAST 3000 PSI. WHERE ANY SAMPLE IS LESS THAN 2500 PSI OR THE AVERAGE IS LESS THAN 3000 PSI THAN THE MATERIAL ASSOCIATED WITH THE FAILED SAMPLE STATION NUMBER(S) SHALL BE REMOVED AND REINSTALLED.



DETAIL / SECTION CALLOUT

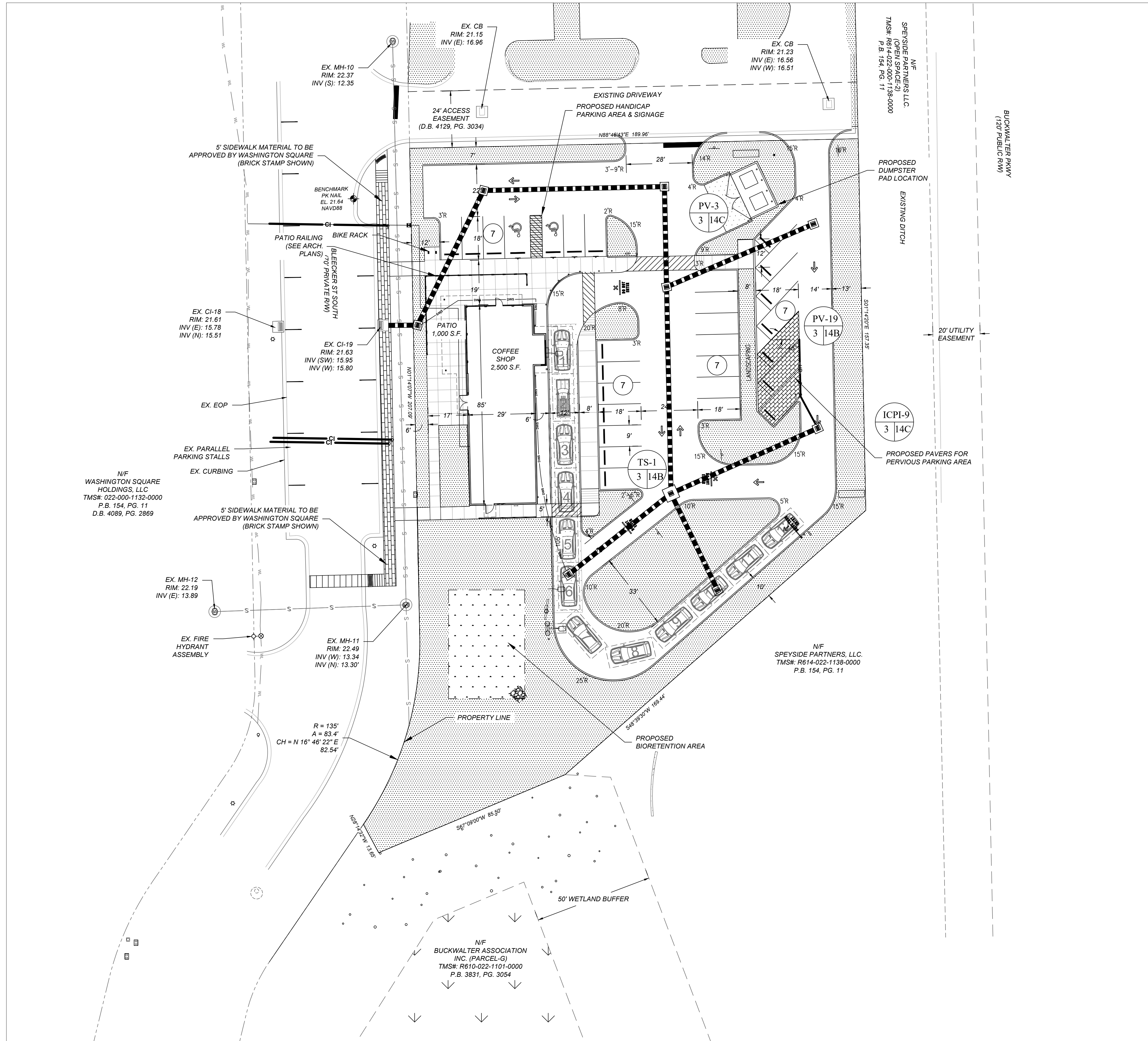


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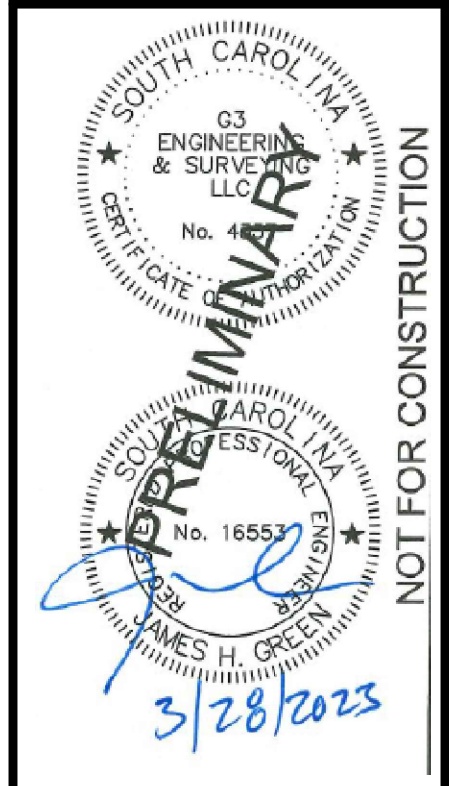
STARBUCKS - BLUFFTON
BEAUFORT COUNTY, BLUFFTON, SC
PREPARED FOR
VAQUERO BLUFFTON PARTNERS, LP
GENERAL NOTES AND LEGENDS

SCALE: NONE
DESIGNED: MAK
DRAWN: PS
APPROVED: JHG
PROJ. NO. 22091
DATE: 1/25/2023

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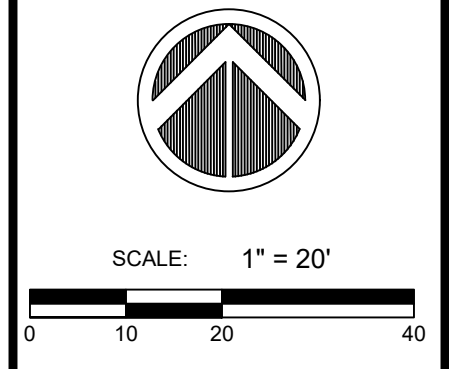


SITE DATA	
TMS	R614 022 000 1131 0000
PROJECT NAME	COFFEE SHOP
TOTAL AC	1.036
TOTAL DISTURBED AC	1.03
IMPERVIOUS AREA	0.589 AC 57%
PERVIOUS AREA	0.447 AC 43%
FLOOD ZONE - TOWN OF BLUFFTON	ZONE X 450251 0270 G 3/23/2021
PROPERTY OWNER	VAQUERO BLUFFTON PARTNERS, LP
OWNER ADDRESS	2827 TILLAR ST. SUITE 111, FORT. WORTH, TX 76107
EXISTING ZONING	PUD BUCKSWATER
PROPOSED USE	COFFEE SHOP
PROVIDED PARKING	28 TOTAL SPACES



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STARBUCKS - BLUFFTON
 BEAUFORT COUNTY, BLUFFTON, SC
 PREPARED FOR
VAQUERO BLUFFTON PARTNERS, LP
OVERALL SITE PLAN

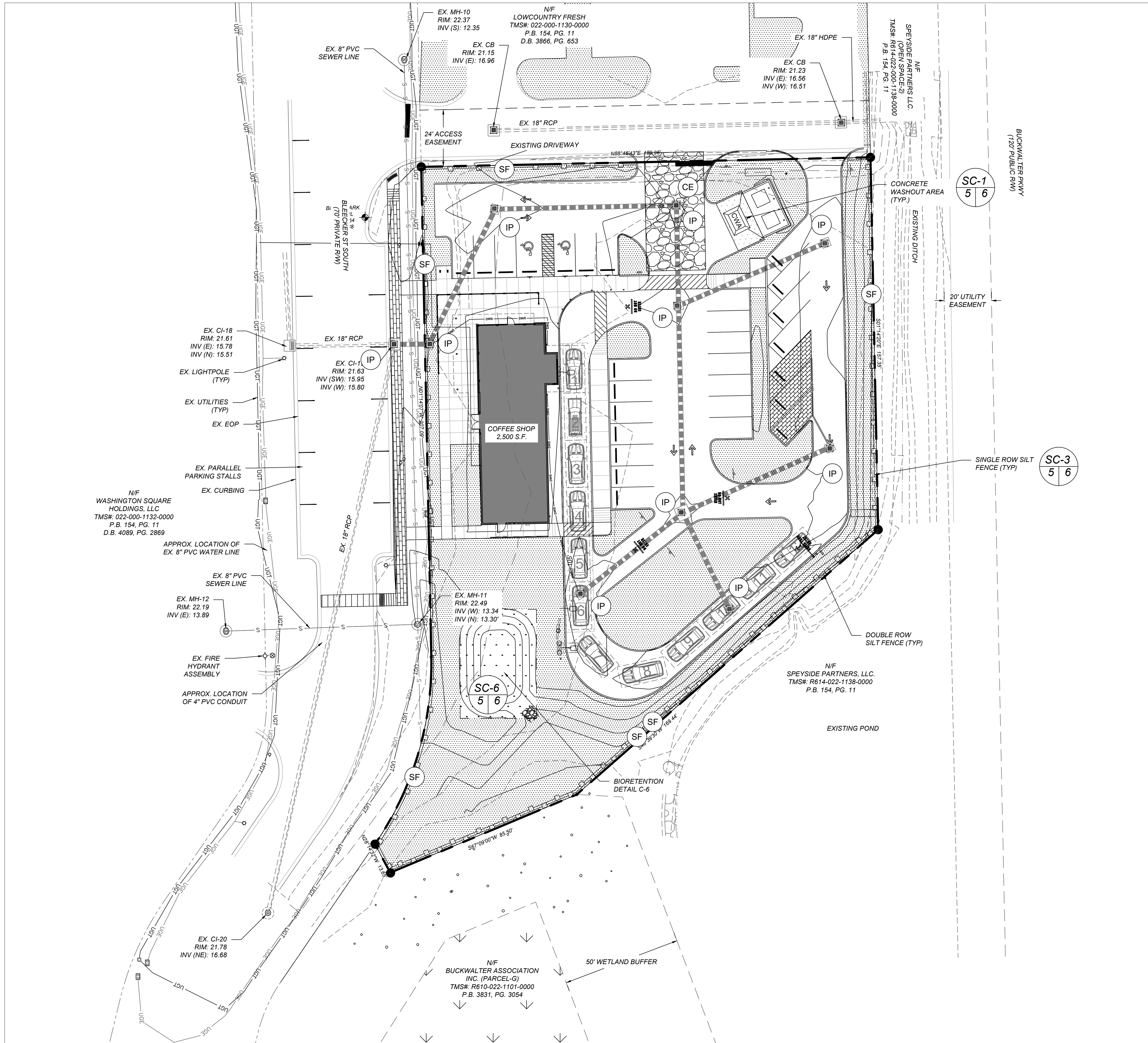


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SHEET **C-3**

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SYMBOL	PRACTICE	DESCRIPTION
IP	INLET PROTECTION	A TEMPORARY SEDIMENT BARRIER LAID AROUND A STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM.
OP	OUTLET PROTECTION	SCOUR STOP OR AN APPROVED EQUIVALENT, INSTALLED PER MANUFACTURER'S SPECIFICATIONS, PLACED BELOW DRAINAGE OUTLETS TO REDUCE THE VELOCITY OF FLOW, EROSION, AND STABILIZE GRADES DOWNSTREAM OF OUTLET STRUCTURES.
CE	CONSTRUCTION ENTRANCE	A STONE STABILIZED PAD LOCATED AT ANY POINT THAT TRAFFIC WILL BE LEAVING A CONSTRUCTION SITE TO A PUBLIC RIGHT-OF-WAY, STREET, ALLEY, SIDEWALK, OR PARKING LOT WHICH WILL REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION SITE.
SF	SILT FENCE	A TEMPORARY STRUCTURE USED TO SLOW THE VELOCITY OF RUN-OFF, CAUSE SEDIMENT DEPOSITION AT THE STRUCTURE, AND FILTER SEDIMENT FROM RUN-OFF.
CL	CONSTRUCTION LIMITS	A DEFINED AREA THAT ALL LAND DISTURBANCE WILL OCCUR DURING CONSTRUCTION.
D&S	DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION	ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS. (SEE DETAIL PROVIDED, COCOFLEX OR EQUIVALENT)
CWA	CONCRETE WASHOUT AREA	TEMPORARY FACILITY PROVIDED ONSITE FOR CONCRETE TRUCKS TO WASHOUT PRIOR TO LEAVING CONSTRUCTION SITE. CONTRACTOR MAY RELOCATE ELSEWHERE ONSITE PENDING CONSTRUCTION ACTIVITIES. LOCATION FOR SWPPP BOX & RAIN GAUGE (SEE DETAIL ON SHEET C-7).
TP	TREE PROTECTION	A TEMPORARY STRUCTURE USED TO PROTECT EXISTING TREES THROUGHOUT CONSTRUCTION.

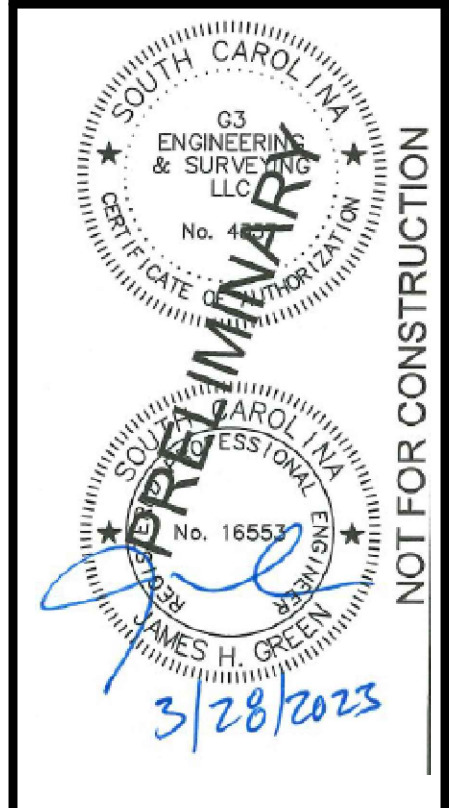
SEEDING SCHEDULE FOR PERMANENT VEGETATION			
SCHEDULE NO.	COMMON NAME OF SEED	RATE PER ACRE(LBS.)	PLANTING DATES
1	COMMON BERMUDA (PULLED)	210	MARCH 16 TO AUG. 31
	TALL FESCUE	140	
2	COMMON BERMUDA (UNMULLED)	175	SEPT. 1 TO MARCH 15
	WINTER RYE GRAIN	25	

NOTES:
GIANT BERMUDA SEED, INCLUDING MK-37, SHALL NOT BE USED. THE CONTRACTOR SHALL OBTAIN A SATISFACTORY STAND OF PERENNIAL VEGETATION WHOSE ROOT SYSTEM SHALL BE DEVELOPED SUFFICIENTLY TO SURVIVE DRY PERIODS AND WINTER WEATHER, AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING. THE PERENNIAL VEGETATIVE COVER SHALL HAVE A MINIMUM COVERAGE DENSITY OF 70% FOR THE SEEDING AREAS. CONTRACTOR SHALL DETERMINE ALL RATES OF APPLICATION NECESSARY TO PRODUCE THE REQUIRED STAND OF GRASS, AND SHALL FOLLOW THE APPLICATION PROCEDURES AS SPECIFIED HEREIN.

CONSTRUCTION SEQUENCE - STAGE 2:

- AFTER INSTALLING ALL PERIMETER EROSION CONTROL DEVICES, ALL TREE PROTECTION (AS REQUIRED) & CONSTRUCTION ENTRANCE, CLEAR AND GRUB SITE AS REQUIRED.
- ROUGH GRADE THE SITE.
- EXCAVATE PONDS AND PROVIDE STABILIZATION TO AVOID OFF-SITE SEDIMENT DISCHARGE.
- EXCAVATE TEMPORARY DRAINAGE OUTFALL DITCH, STABILIZE WITH MATTING AND SEED WITHIN 7 DAYS.
- INSTALL UTILITIES AND INLET PROTECTION AROUND ALL STORM DRAINAGE STRUCTURES. SEE DETAIL "TYPE A-FILTER FABRIC INLET PROTECTION" ON SHEET C-6.
- PLACE NEEDED FILL ON SITE, GRADE AND PREPARE SUBGRADE FOR PAVEMENT AREA, CONTRACTOR TO PROTECT PERVIOUS CONCRETE SUBGRADE TO ENSURE AREA REMAINS IN ITS NATURAL STATE, NOT OVER COMPACTED.
- PLACE AND COMPACT G.A.B.C.
- PREPARE BUILDING PAD AND FINISH GRADE THE SITE.
- INSTALL CONCRETE CURB AND GUTTER.
- PLACE ASPHALT AND INSTALL INLET PROTECTION IN ALL STORM DRAINAGE CATCH BASIN STRUCTURES. SEE DETAIL "TYPE S INLET PROTECTION" ON SHEET C-6.
- SEED AND FERTILIZE ALL DENUDEED AREAS PER SEEDING SPECIFICATIONS, WATER AND MAINTAIN ALL SEEDED AREAS TO ENSURE PROPER GROUND COVERAGE PRIOR TO FINAL APPROVAL.
- COMPLETE ALL REMAINING SITE IMPROVEMENTS.
- UPON APPROVAL BY FLORENCE COUNTY, SCDHEC / OCRM, REMOVE ALL TEMPORARY EROSION CONTROL DEVICES.

DATE	BY	DESCRIPTION
3/28/2023	MAK	



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 BEAUFORT COUNTY, BLUFFTON, SC
 PREPARED FOR
Vaquero Bluffton Partners, LP
SEDIMENT & EROSION CONTROL PLAN - STAGE 2

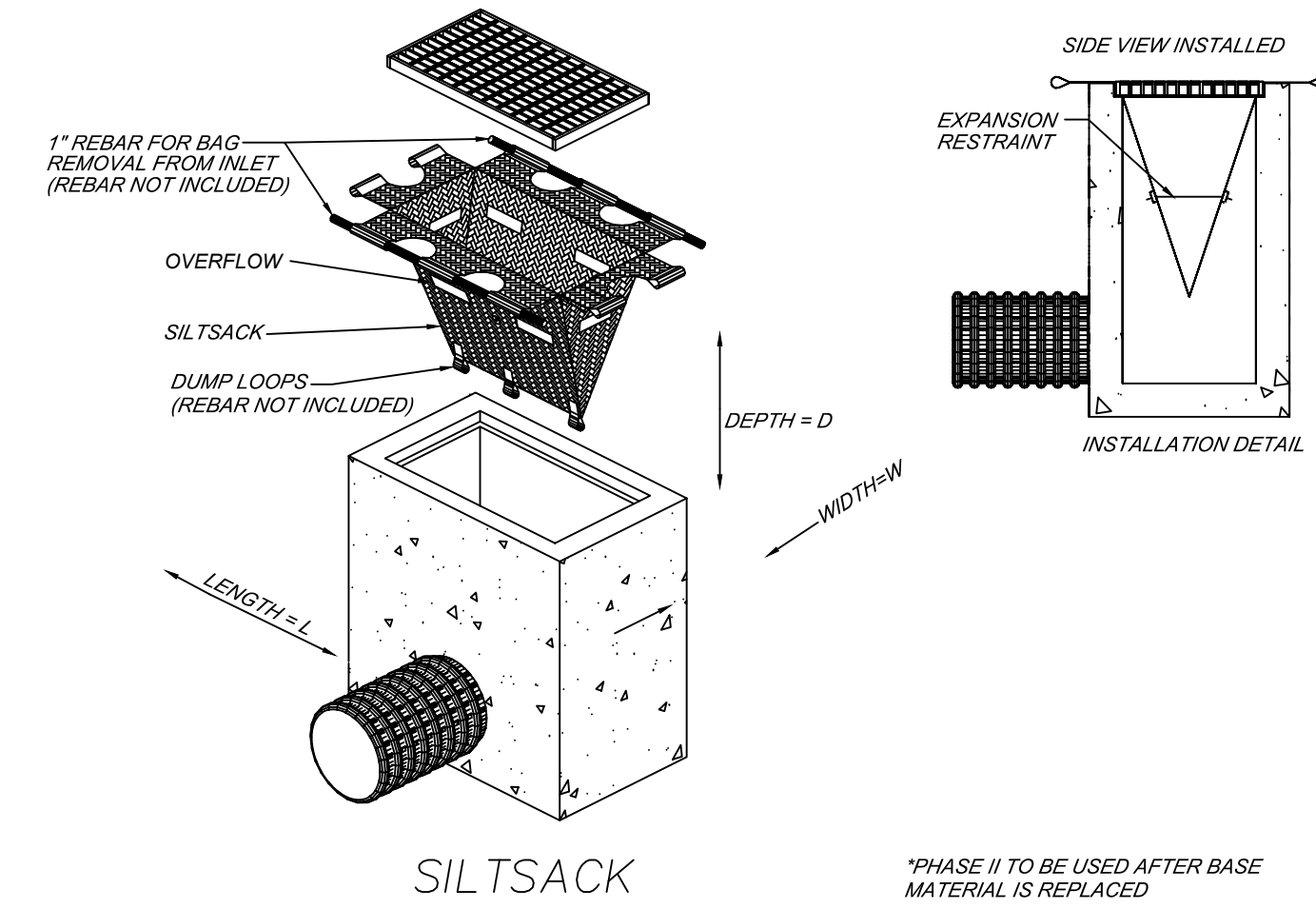
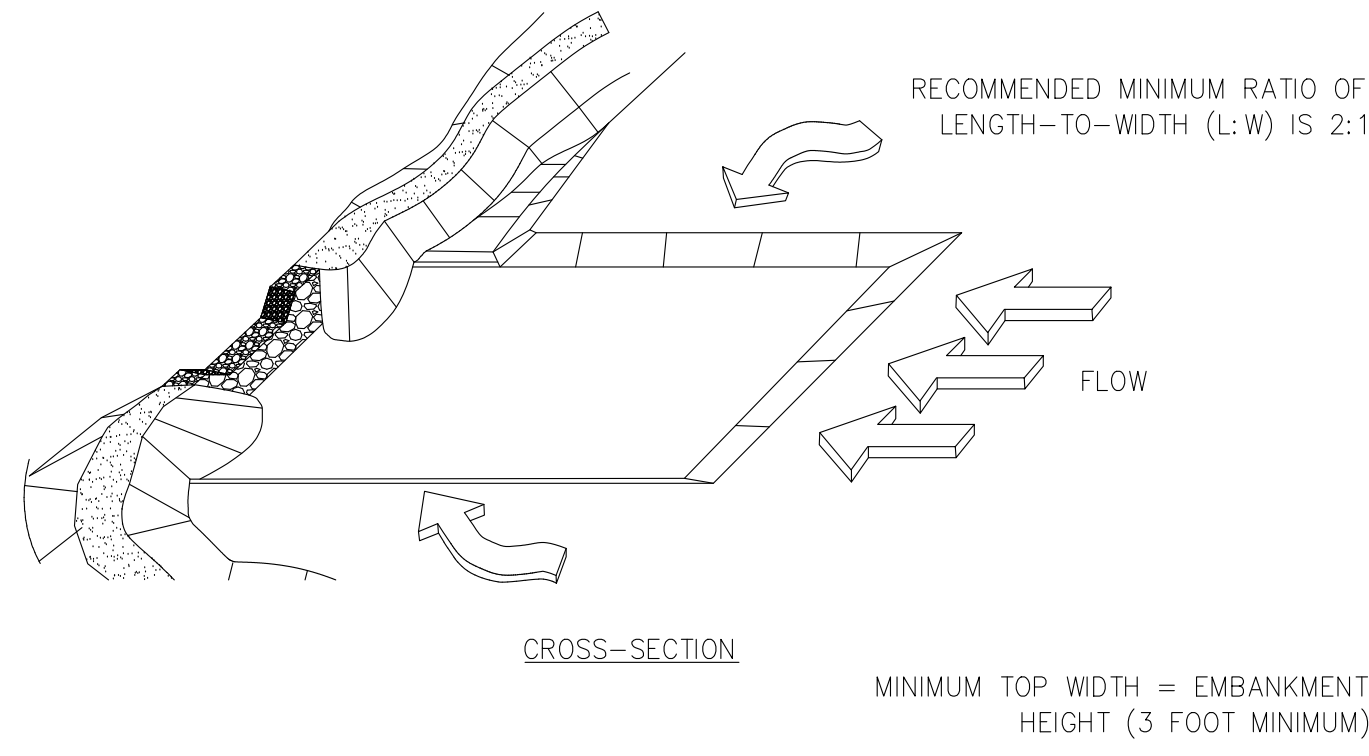
SCALE: 1" = 20'

DESIGNED: MAK
 DRAWN: PS
 APPROVED: JHG
 PROJ. NO. 22091
 DATE: 1/25/2023

SHEET **C-5**

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SC-12 TYPE S - INLET PROTECTION
SCALE: N.T.S.

FILTER FABRIC INLET PROTECTION

MATERIALS:
USE FILTER FABRIC THAT CONFORMS TO SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION). REFER TO THE SILT FENCE GEOTEXTILE FABRICS APPROVAL SHEET #34.

USE STEEL POSTS THAT MEET THE FOLLOWING MINIMUM PHYSICAL REQUIREMENTS: BE COMPOSED OF HIGH STRENGTH STEEL WITH MINIMUM YIELD STRENGTH OF 50,000 PSI. HAVE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38-INCHES AND NOMINAL "T" LENGTH OF 1.48-INCHES. WEIGHT 1.25 POUNDS PER FOOT (± 8%), BE PAINTED WITH A WATER BASED BAKED ENAMEL PAINT.

ATTACH FABRIC TO METAL POSTS WITH HEAVY-DUTY PLASTIC TIES.

INSTALLATION:
EXCAVATE A TRENCH 6-INCHES WIDE AND 6-INCHES DEEP AROUND THE OUTSIDE PERIMETER OF THE INLET UNLESS THE FABRIC IS PNEUMATICALLY INSTALLED.

EXTEND THE FILTER FABRIC A MINIMUM OF 12-INCHES INTO THE TRENCH. BACKFILL THE TRENCH WITH SOIL OR CRUSHED STONE AND COMPACT OVER THE FILTER FABRIC UNLESS THE FABRIC IS PNEUMATICALLY INSTALLED.

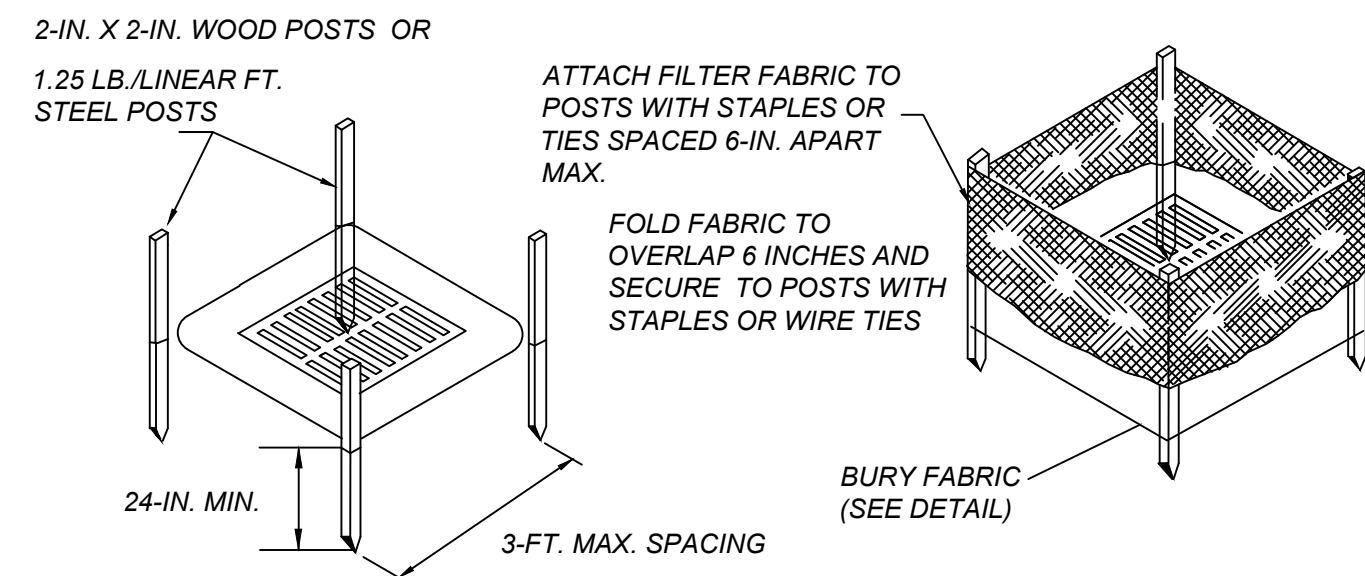
USE STEEL POSTS WITH A MINIMUM POST LENGTH OF 60-INCHES CONSISTING OF STANDARD "T" SECTIONS WITH A WEIGHT OF 1.25 POUNDS PER FOOT (±8%). INSTALL THE FILTER FABRIC TO A MINIMUM HEIGHT OF 24-INCHES ABOVE GRADE. SPACE THE STEEL POSTS AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3- FEET APART AND DRIVE THEM INTO THE GROUND A MINIMUM OF 24-INCHES. CUT THE FILTER FABRIC FROM A CONTINUOUS ROLL TO THE LENGTH OF THE PROTECTED AREA TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, WRAP FILTER FABRIC TOGETHER ONLY AT A SUPPORT POST WITH BOTH ENDS SECURELY FASTENED TO THE POST, WITH A MINIMUM 6-INCH OVERLAP.

ATTACH FABRIC TO STEEL POSTS WITH HEAVY-DUTY PLASTIC TIES.

ATTACH AT LEAST FOUR (4) EVENLY SPACED TIES IN A MANNER TO PREVENT SAGGING OR TEARING OF THE FABRIC. IN ALL CASES, AFFIX TIES IN NO LESS THAN FOUR (4) PLACES.

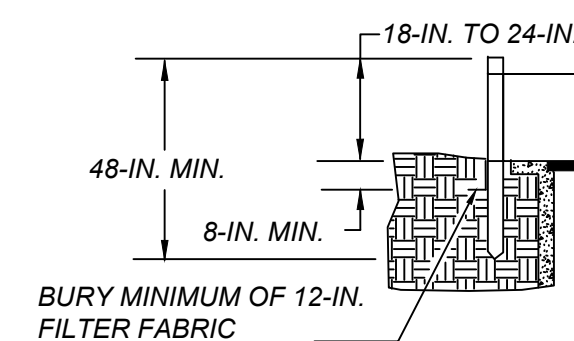
INSPECTION AND MAINTENANCE:
INSPECTIONS SHOULD BE MADE EVERY 7 CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH STORM THAT PRODUCES ½-INCHES OR MORE OF RAIN. IF THE FABRIC BECOMES CLOGGED, IT SHOULD BE REPLACED. SEDIMENT SHOULD BE REMOVED WHEN IT REACHES APPROXIMATELY 1/3 THE HEIGHT OF THE FENCE. TAKE CARE NOT TO DAMAGE OR UNDERCUT FABRIC WHEN REMOVING SEDIMENT. IF A SUMP IS USED, SEDIMENT SHOULD BE REMOVED WHEN IT FILLS APPROXIMATELY 1/3 THE DEPTH OF THE HOLE. MAINTAIN THE POOL AREA, ALWAYS PROVIDING ADEQUATE SEDIMENT STORAGE VOLUME FOR THE NEXT STORM.

STORM DRAIN INLET PROTECTION STRUCTURES SHOULD BE REMOVED ONLY AFTER THE DISTURBED AREAS ARE PERMANENTLY STABILIZED. REMOVE ALL CONSTRUCTION MATERIAL AND SEDIMENT, AND DISPOSE OF THEM PROPERLY. GRADE THE DISTURBED AREA TO THE ELEVATION OF THE DROP INLET STRUCTURE CREST. USE APPROPRIATE PERMANENT STABILIZATION METHODS TO STABILIZE BARE AREAS AROUND THE INLET.



POST INSTALLATION DETAIL

FILTER FABRIC INSTALLATION DETAIL



SC-7 TYPE A - FILTER FABRIC INLET PROTECTION
SCALE: N.T.S.

SILT FENCE DETAIL

WHEN AND WHERE TO USE IT
SILT FENCE IS APPLICABLE IN AREAS:

WHERE THE MAXIMUM SHEET OR OVERLAND FLOW PATH LENGTH TO THE FENCE IS 100- FEET. WHERE THE MAXIMUM SLOPE STEEPNESS (NORMAL PERPENDICULAR) TO FENCE LINE) IS 2H:1V. THAT DO NOT RECEIVE CONCENTRATED FLOWS GREATER THAN 0.5 CFS.

DO NOT PLACE SILT FENCE ACROSS CHANNELS OR USE IT AS A VELOCITY CONTROL BMP.

MATERIALS

STEEL POSTS
USE 48-INCH LONG STEEL POSTS THAT MEET THE FOLLOWING MINIMUM PHYSICAL REQUIREMENTS: COMPOSED OF HIGH STRENGTH STEEL WITH MINIMUM YIELD STRENGTH OF 50,000 PSI. HAVE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38-INCHES AND NOMINAL "T" LENGTH OF 1.48-INCHES. WEIGH 1.25 POUNDS PER FOOT (± 8%). HAVE A SOIL STABILIZATION PLATE WITH A MINIMUM CROSS SECTION AREA OF 17-SQUARE INCHES ATTACHED TO THE STEEL POSTS. PAINTED WITH A WATER BASED BAKED ENAMEL PAINT.

USE STEEL POSTS WITH A MINIMUM LENGTH OF 4- FEET, WEIGHING 1.25 POUNDS PER LINEAR FOOT (± 8%) WITH PROJECTIONS TO AID IN FASTENING THE FABRIC. EXCEPT WHEN HEAVY CLAY SOILS ARE PRESENT ON SITE, STEEL POSTS WILL HAVE A METAL SOIL STABILIZATION PLATE WELDED NEAR THE BOTTOM SUCH THAT WHEN THE POST IS DRIVEN TO THE PROPER DEPTH, THE PLATE WILL BE BELOW THE GROUND LEVEL FOR ADDED STABILITY. THE SOIL PLATES SHOULD HAVE THE FOLLOWING CHARACTERISTICS:
BE COMPOSED OF MINIMUM 15 GAUGE STEEL. HAVE A MINIMUM CROSS SECTION AREA OF 17-SQUARE INCHES.

GEOTEXTILE FILTER FABRIC

GEOTEXTILE FILTER FABRIC IS:
COMPOSED OF FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS COMPOSED OF AT LEAST 85% BY WEIGHT OF POLYOLEFINS, POLYESTERS, OR POLYAMIDES. FORMED INTO A NETWORK SUCH THAT THE FILAMENTS OR FIBERS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER. FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION. FREE OF DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES. CUT TO A MINIMUM WIDTH OF 36 INCHES.

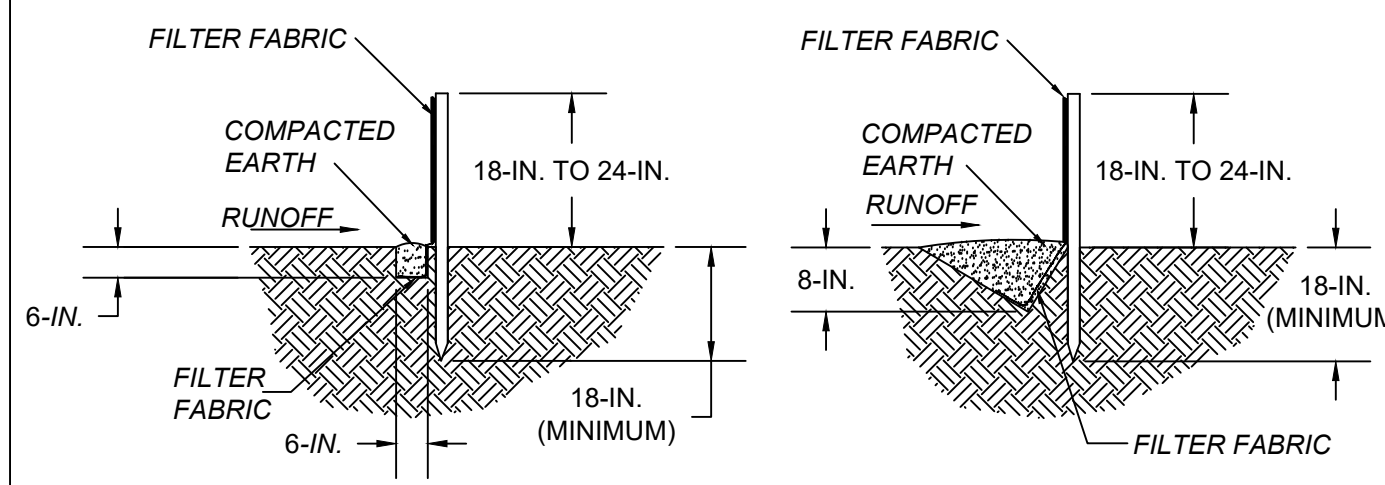
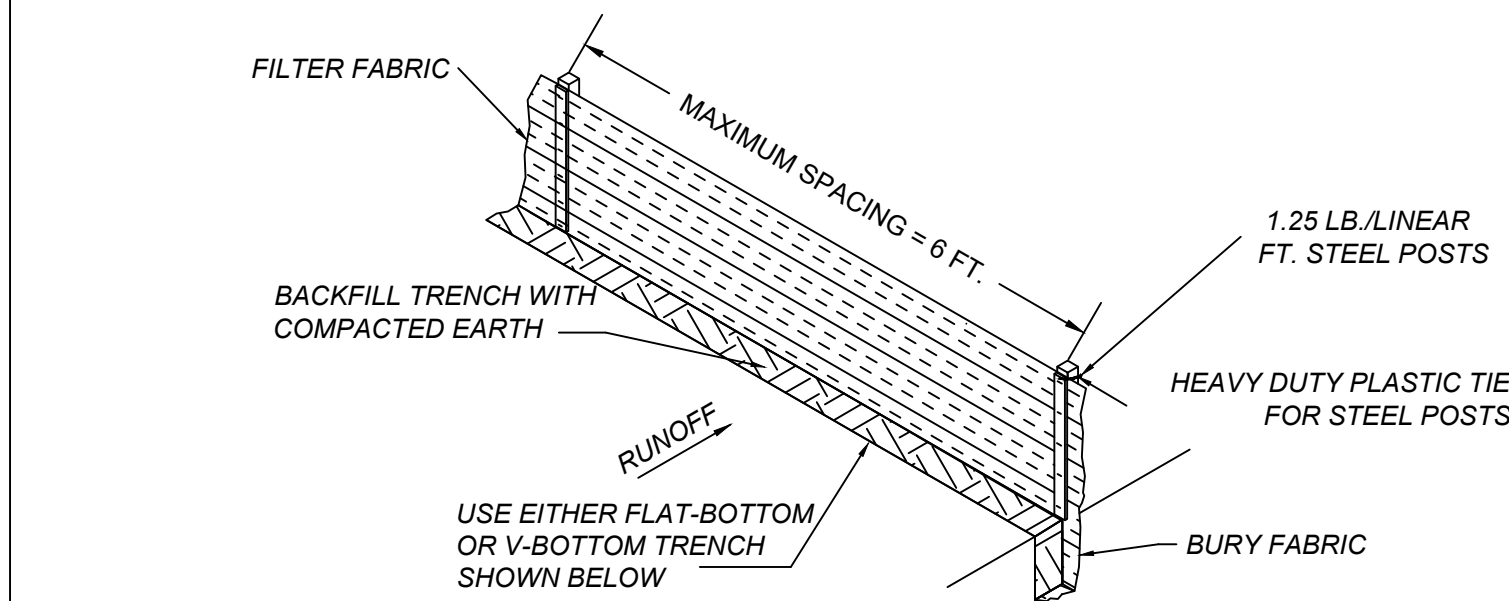
USE ONLY FABRIC APPEARING ON SCDOT APPROVAL SHEET #34 MEETING THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

INSTALLATION

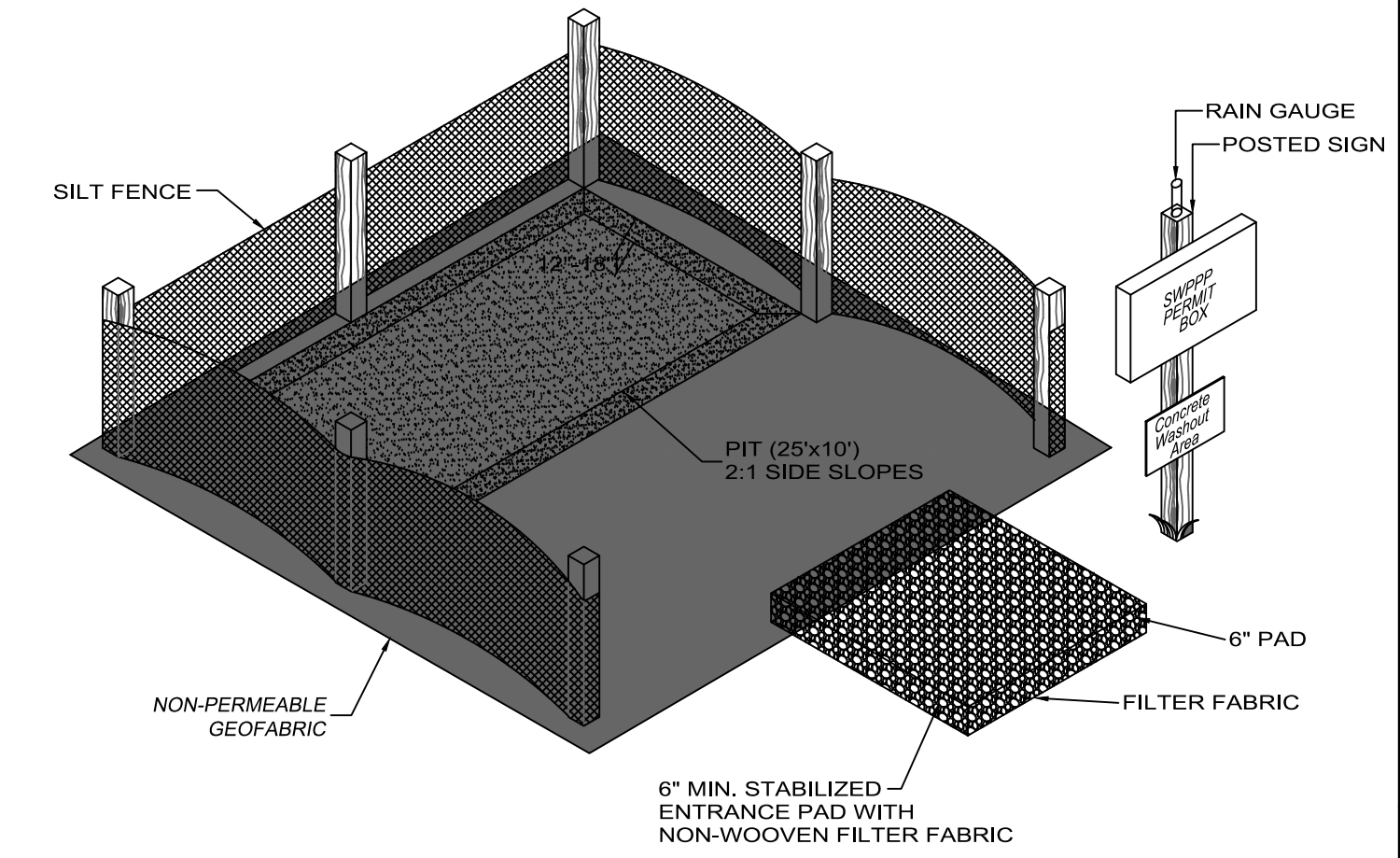
EXCAVATE A TRENCH APPROXIMATELY 6-INCHES WIDE AND 6-INCHES DEEP WHEN PLACING FABRIC BY HAND. PLACE 12-INCHES OF GEOTEXTILE FABRIC INTO THE 6-INCH DEEP TRENCH, EXTENDING THE REMAINING 6-INCHES TOWARDS THE UPSLOPE SIDE OF THE TRENCH. BACKFILL THE TRENCH WITH SOIL OR GRAVEL AND COMPACT. BURY 12-INCHES OF FABRIC INTO THE GROUND WHEN PNEUMATICALLY INSTALLING SILT FENCE WITH A SLICING METHOD. PURCHASE FABRIC IN CONTINUOUS ROLLS AND CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS. WHEN JOINTS ARE NECESSARY, WRAP THE FABRIC TOGETHER AT A SUPPORT POST WITH BOTH ENDS FASTENED TO THE POST, WITH A 6-INCH MINIMUM OVERLAP. INSTALL POSTS TO A MINIMUM DEPTH OF 24-INCHES. INSTALL POSTS A MINIMUM OF 1- TO 2- INCHES ABOVE THE FABRIC, WITH NO MORE THAN 3- FEET OF THE POST ABOVE THE GROUND. SPACE POSTS TO MAXIMUM 6- FEET CENTERS. ATTACH FABRIC TO WOOD POSTS USING STAPLES MADE OF HEAVY-DUTY WIRE AT LEAST 1½-INCH LONG, SPACED A MAXIMUM OF 6-INCHES APART. STAPLE A 2-INCH WIDE LATHE OVER THE FILTER FABRIC TO SECURELY FASTEN IT TO THE UPSLOPE SIDE OF WOODEN POSTS. ATTACH FABRIC TO THE STEEL POSTS USING HEAVY-DUTY PLASTIC TIES THAT ARE EVENLY SPACED AND PLACED IN A MANNER TO PREVENT SAGGING OR TEARING OF THE FABRIC. IN ALL CASES, TIES SHOULD BE AFFIXED IN NO LESS THAN 4 PLACES. INSTALL THE FABRIC A MINIMUM OF 24-INCHES ABOVE THE GROUND. WHEN NECESSARY, THE HEIGHT OF THE FENCE ABOVE GROUND MAY BE GREATER THAN 24-INCHES. IN TIDAL AREAS, EXTRA SILT FENCE HEIGHT MAY BE REQUIRED. THE POST HEIGHT WILL BE TWICE THE EXPOSED POST HEIGHT. POST SPACING WILL REMAIN THE SAME AND EXTRA HEIGHT FABRIC WILL BE 4-, 5-, OR 6- FEET TALL. LOCATE SILT FENCE CHECKS EVERY 100 FEET MAXIMUM AND AT LOW POINTS. INSTALL THE FENCE PERPENDICULAR TO THE DIRECTION OF FLOW AND PLACE THE FENCE THE PROPER DISTANCE FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEANOUT.

INSPECTION AND MAINTENANCE

INSPECT EVERY SEVEN CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES ½-INCHES OR MORE OF PRECIPITATION. CHECK FOR SEDIMENT BUILDUP AND FENCE INTEGRITY. CHECK WHERE RUNOFF HAS ERODED A CHANNEL BENEATH THE FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED BY FENCE OVERTOPPING. IF THE FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE SECTION OF FENCE. IMMEDIATELY REMOVE SEDIMENT ACCUMULATED ALONG THE FENCE WHEN IT REACHES 1/3 THE HEIGHT OF THE FENCE, ESPECIALLY IF HEAVY RAINS ARE EXPECTED. REMOVE TRAPPED SEDIMENT FROM THE SITE OR STABILIZE IT ON SITE. REMOVE SILT FENCE WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED OR AFTER TEMPORARY BEST MANAGEMENT PRACTICES (BMPs) ARE NO LONGER NEEDED. PERMANENTLY STABILIZE DISTURBED AREAS RESULTING FROM FENCE REMOVAL.



SC-3 SILT FENCE DETAIL
SCALE: N.T.S.



NOTES:

- CONTRACTOR TO MAINTAIN THRU-OUT CONSTRUCTION BY REMOVING CONCRETE & LEGALLY DISPOSING OF WHEN PIT IS FULL.
- CONTRACTOR TO MAINTAIN PROPER CONSTRUCTION OF WASH-OUT FACILITY FOR THE DURATION OF THE PROJECT.
- CONTRACTOR MAY RELOCATE ON SITE IF NEEDED.
- SWPPP PERMIT BOX SHALL BE A 21"x27" LOCKABLE WHITE PERMIT BOX.

SC-1 CONCRETE WASHOUT PIT
SCALE: N.T.S.

STABILIZED CONSTRUCTION ENTRANCE

WHEN AND WHERE TO USE IT

STABILIZED CONSTRUCTION ENTRANCES SHOULD BE USED AT ALL POINTS WHERE TRAFFIC WILL BE LEAVING A CONSTRUCTION SITE AND MOVING DIRECTLY ONTO A PUBLIC ROAD.

IMPORTANT CONSIDERATIONS

IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFFSITE. WASHDOWN FACILITIES SHALL BE REQUIRED AS DIRECTED BY SDHEC AS NEEDED. WASHDOWN AREAS IN GENERAL MUST BE ESTABLISHED WITH CRUSHED GRAVEL AND DRAIN INTO A SEDIMENT TRAP OR SEDIMENT BASIN. CONSTRUCTION ENTRANCES SHOULD BE USED IN CONJUNCTION WITH THE STABILIZATION OF CONSTRUCTION ROADS TO REDUCE THE AMOUNT OF MUD PICKED UP BY VEHICLES.

INSTALLATION:

REMOVE ALL VEGETATION AND ANY OBJECTIONABLE MATERIAL FROM THE FOUNDATION AREA. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM STONES TO A SEDIMENT TRAP OR BASIN. INSTALL A NON-WOVEN GEOTEXTILE FABRIC PRIOR TO PLACING ANY STONE. INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE.

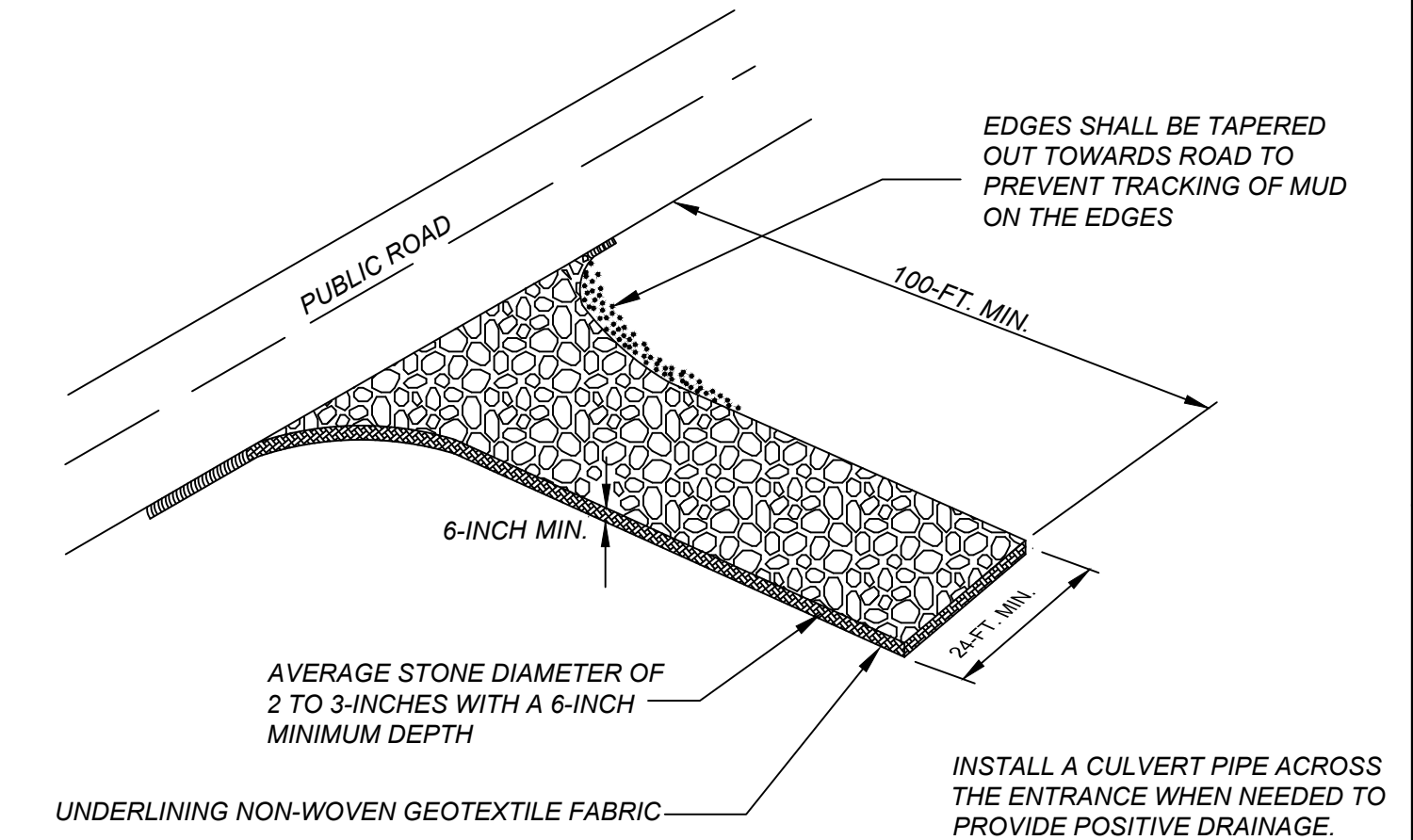
THE ENTRANCE SHALL CONSIST OF 2-INCH TO 3-INCH D50 STONE PLACED AT A MINIMUM DEPTH OF 6-INCHES. MINIMUM DIMENSIONS OF THE ENTRANCE SHALL BE 24- FEET WIDE BY 100- FEET LONG, AND MAY BE MODIFIED AS NECESSARY TO ACCOMMODATE SITE CONSTRAINTS. THE EDGES OF THE ENTRANCE SHALL BE TAPERED OUT TOWARDS THE ROAD TO PREVENT TRACKING OF MUD AT THE EDGE OF THE ENTRANCE.

INSPECTION AND MAINTENANCE:

INSPECT CONSTRUCTION ENTRANCES EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES ½-INCHES OR MORE OF PRECIPITATION, OR AFTER HEAVY USE. CHECK FOR MUD AND SEDIMENT BUILDUP AND PAD INTEGRITY. MAKE DAILY INSPECTIONS DURING PERIODS OF WET WEATHER. MAINTENANCE IS REQUIRED MORE FREQUENTLY IN WET WEATHER CONDITIONS. RESHAPE THE STONE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.

WASH OR REPLACE STONES AS NEEDED AND AS DIRECTED BY THE INSPECTOR. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE MUD BEING CARRIED OFF-SITE BY VEHICLES. FREQUENT WASHING WILL EXTEND THE USEFUL LIFE OF STONE. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SWEEPING. FLUSHING SHOULD ONLY BE USED WHEN THE WATER CAN BE DISCHARGED TO A SEDIMENT TRAP OR BASIN.

REPAIR ANY BROKEN PAVEMENT IMMEDIATELY.



SC-6 STABILIZED CONSTRUCTION ENTRANCE
SCALE: N.T.S.

DATE	3/28/2023
BY	MAK
DESCRIPTION	DRG. BLUFFTON AND BASK COMMENTS
REV #	

NOT FOR CONSTRUCTION

STATE OF SOUTH CAROLINA
JAMES H. GREEN, Governor
3/28/2023

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PAWLEYS ISLAND, SC 29585
PHONE: 843.237.1001
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BEAUFORT COUNTY, BLUFFTON, SC

PREPARED FOR
Vaquero Bluffton Partners, LP

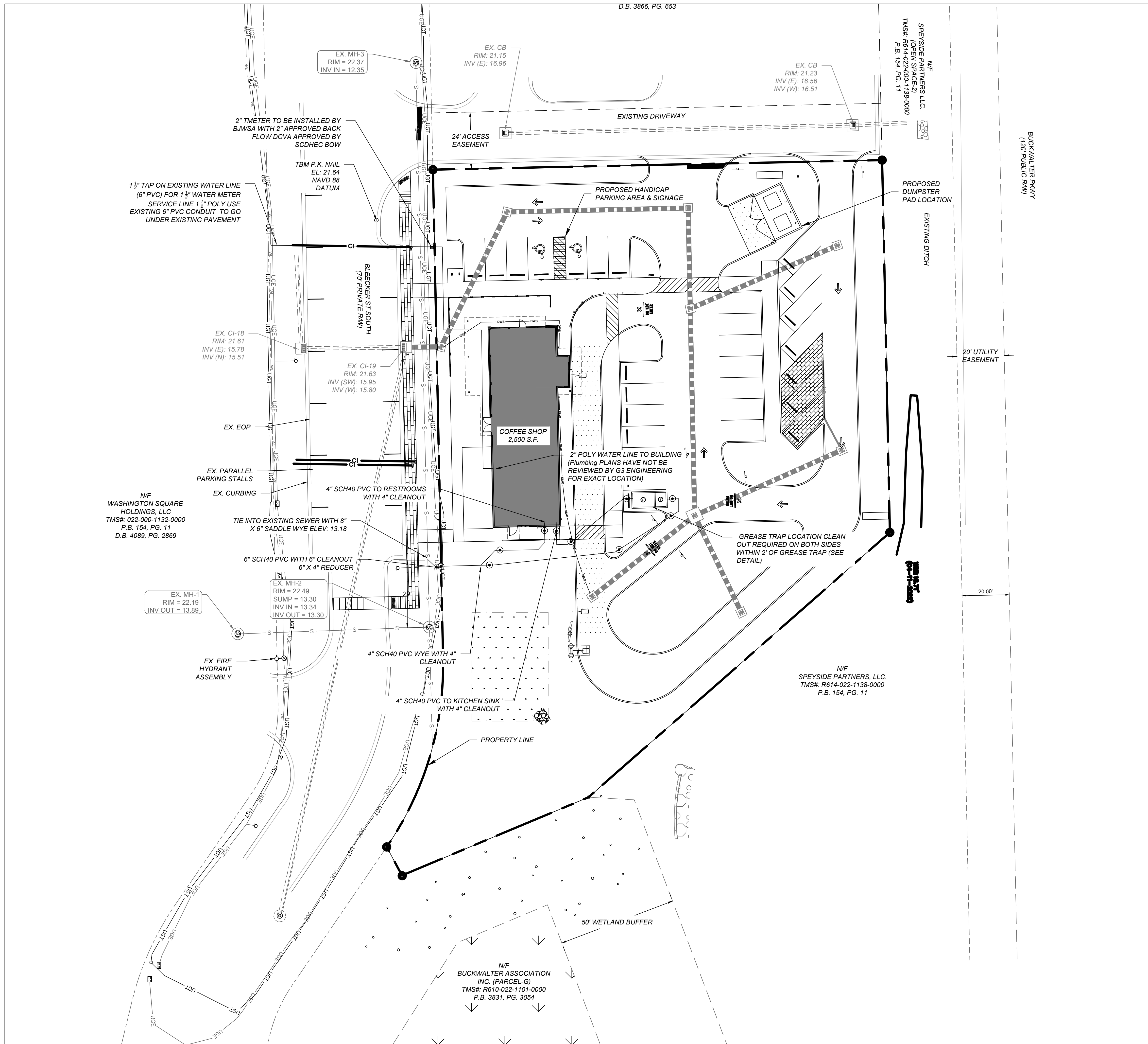
SEDIMENT & EROSION CONTROL DETAILS

SCALE: NONE

DESIGNED: MAK
DRAWN: PS
APPROVED: JHG
PROJ. NO. 22091
DATE: 1/25/2023

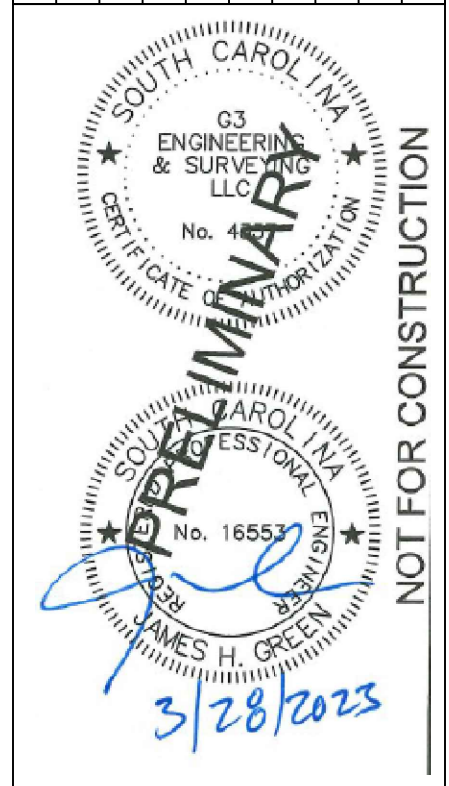
SHEET **C-6**

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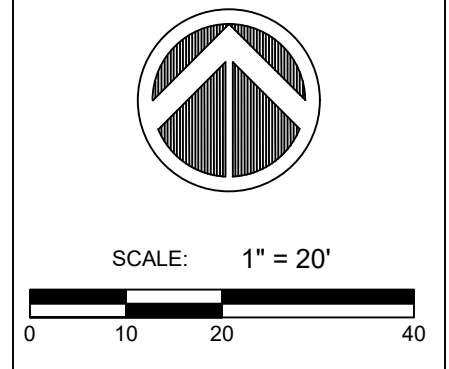
NOTES

1. ALL WATER AND SEWER LINES SHALL MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 10' (FT.).
2. SEE DETAIL W-8 ON SHEET C-9A FOR ALL WATER AND STORM DRAIN CROSSINGS.
3. ALL WATER AND SEWER SERVICE LOCATIONS SHOWN ON THE PLAN SHEETS ARE TO BE COMPARED TO THE ARCHITECTURAL PLUMBING PLANS
4. ALL AT GRADE UTILITIES ARE TO BE LOCATED OUT OF CURB LINE AND ALL ABOVE GRADE UTILITIES ARE TO BE LOCATED OUT OF THE ROADWAY AND BEHIND SIDEWALKS.



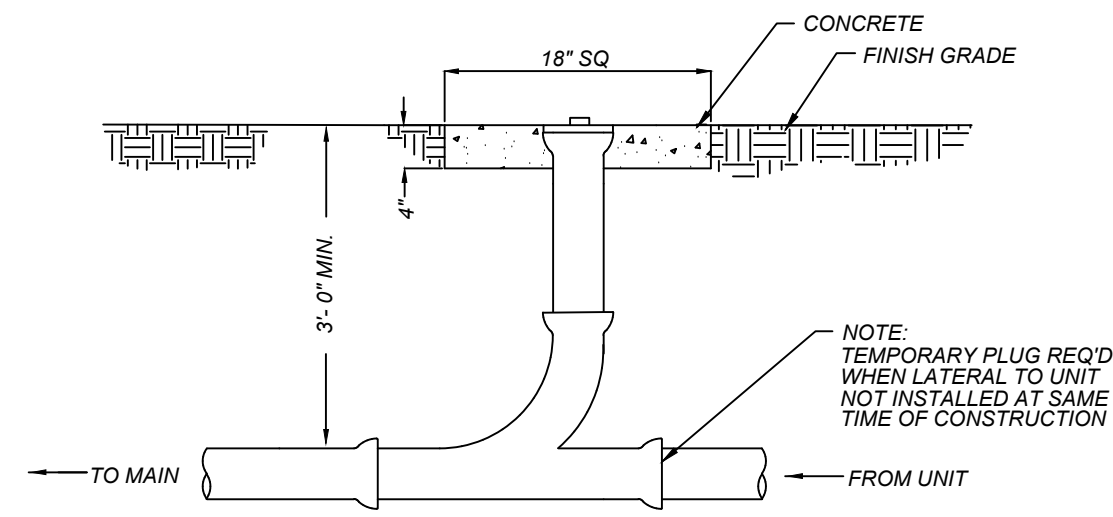
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WATER DISTRIBUTION & SANITARY SEWER PLAN

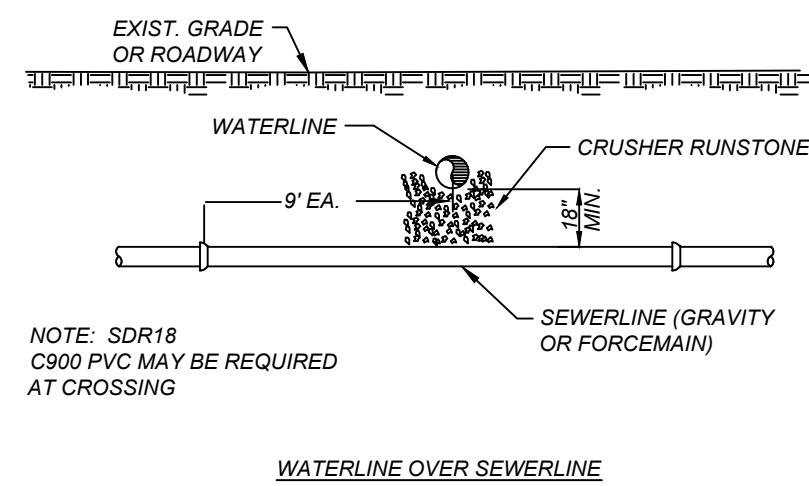
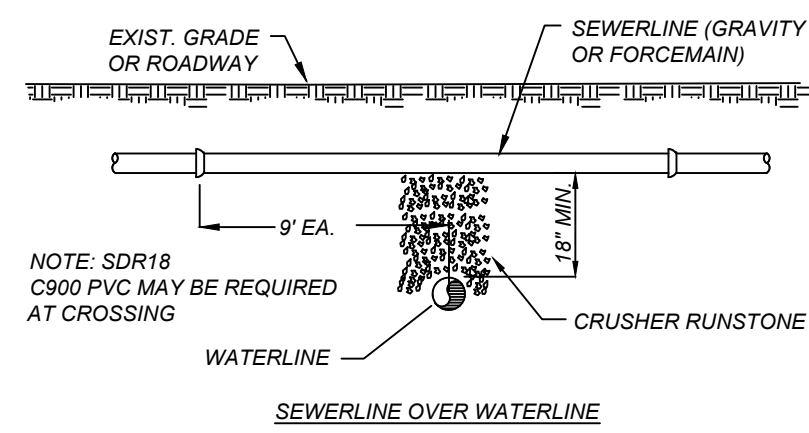


DESIGNED: MAK
 DRAWN: PS
 APPROVED: JHG
 PROJ. NO. 22091
 DATE: 1/25/2023

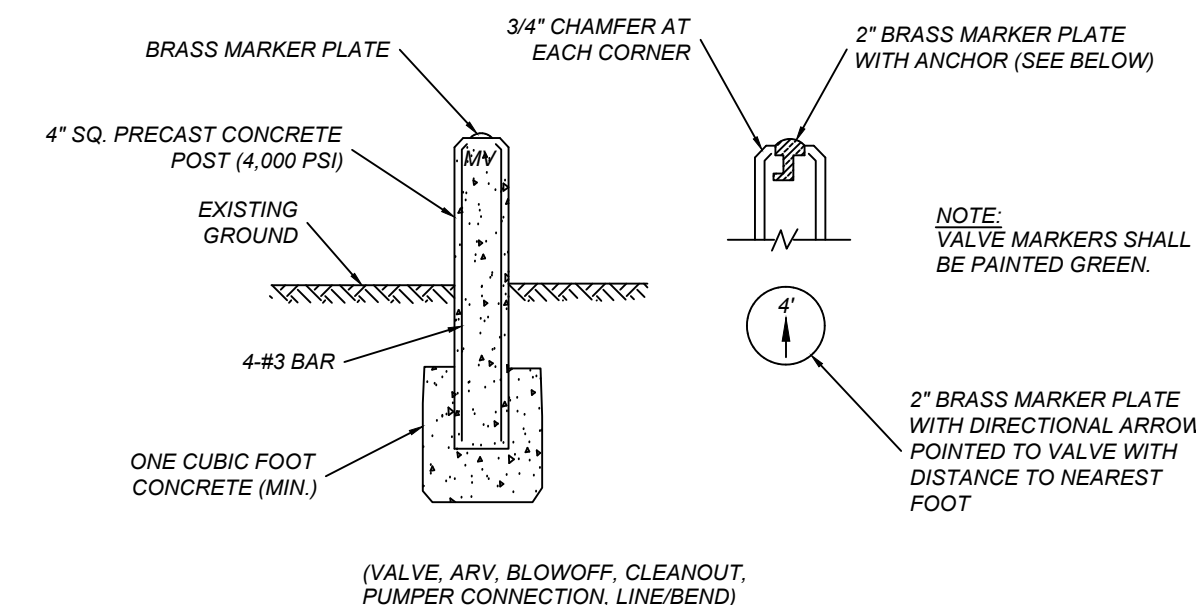
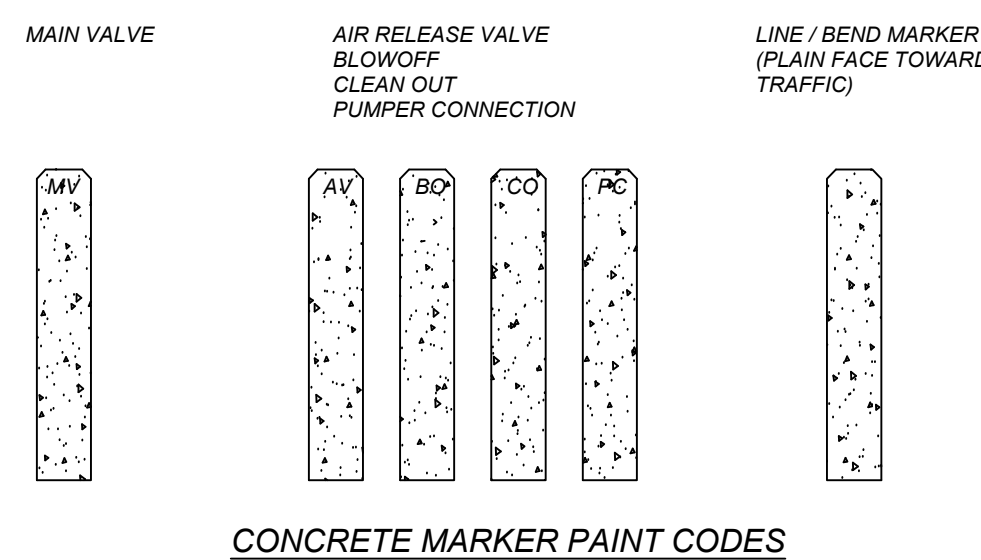
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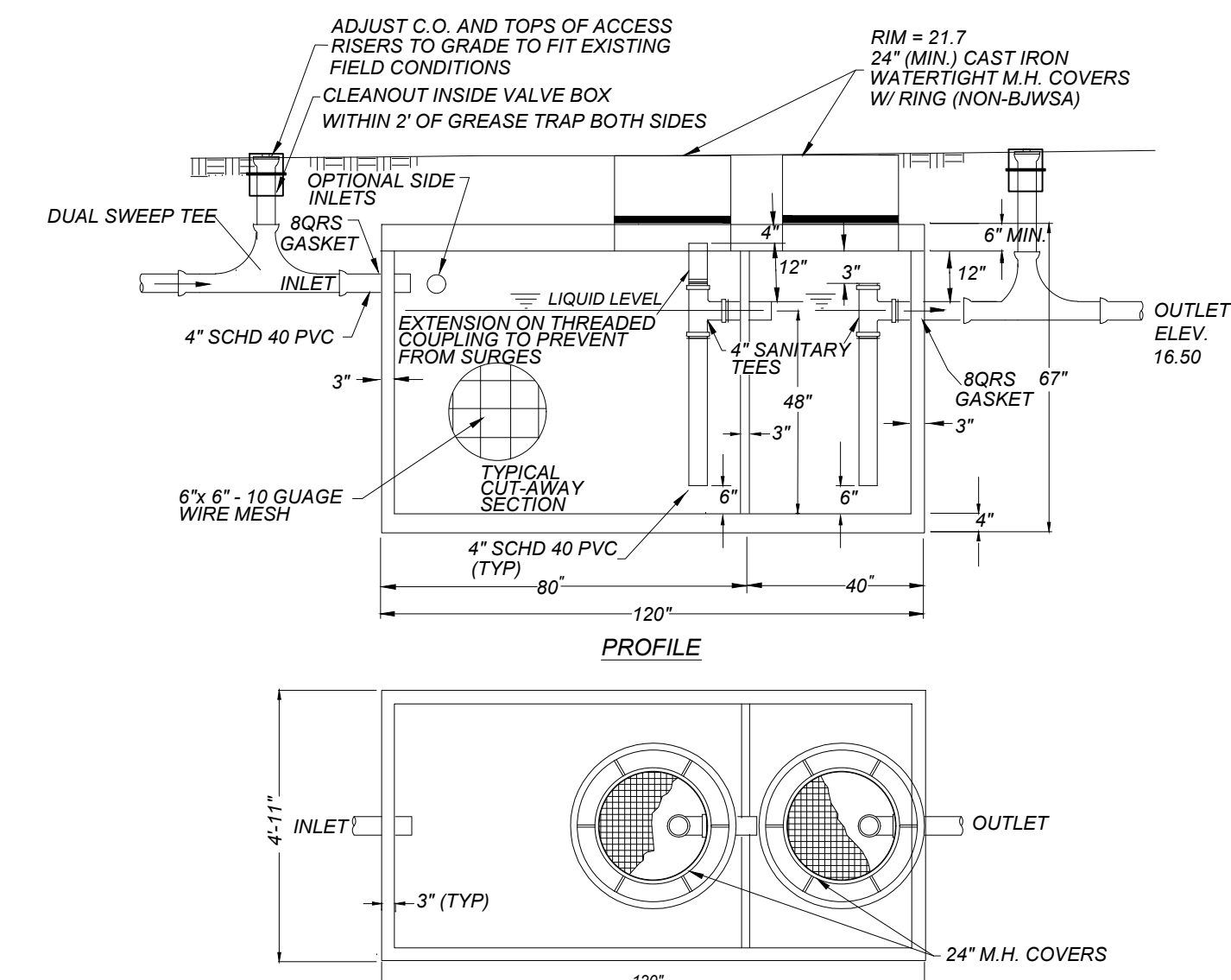
S-9
8 9B
TYPICAL SEWER CLEANOUT
SCALE: N.T.S.



S-17
8 9B
WATERLINE CROSSINGS
SCALE: N.T.S.

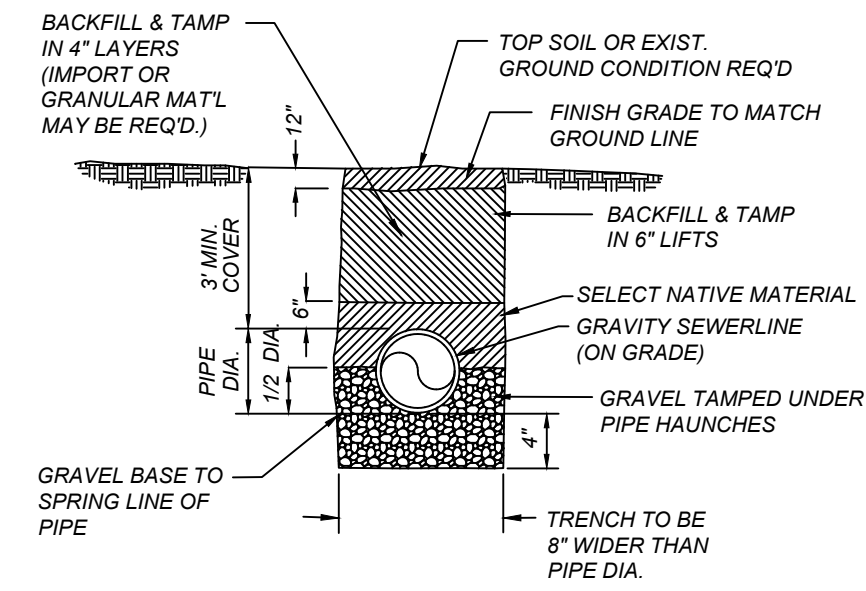


S-16
8 9B
TYPICAL CONCRETE MARKERS
SCALE: N.T.S.



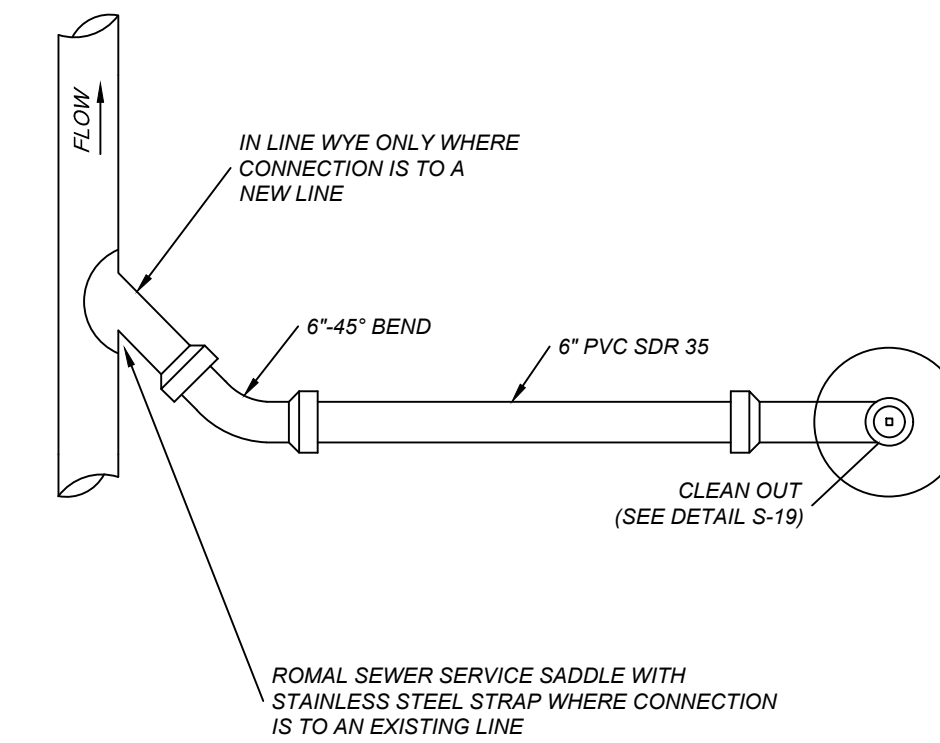
CONCRETE - 4000 PSI REINFORCEMENT - 6" x 6" - 10 GAUGE WIRE MESH LENGTH TO WIDTH RATIO - 2:1 LOAD DESIGN - 150 LBS. PER SQUARE FOOT

S-10
8 9B
GREASE TRAP DETAIL
SCALE: N.T.S.

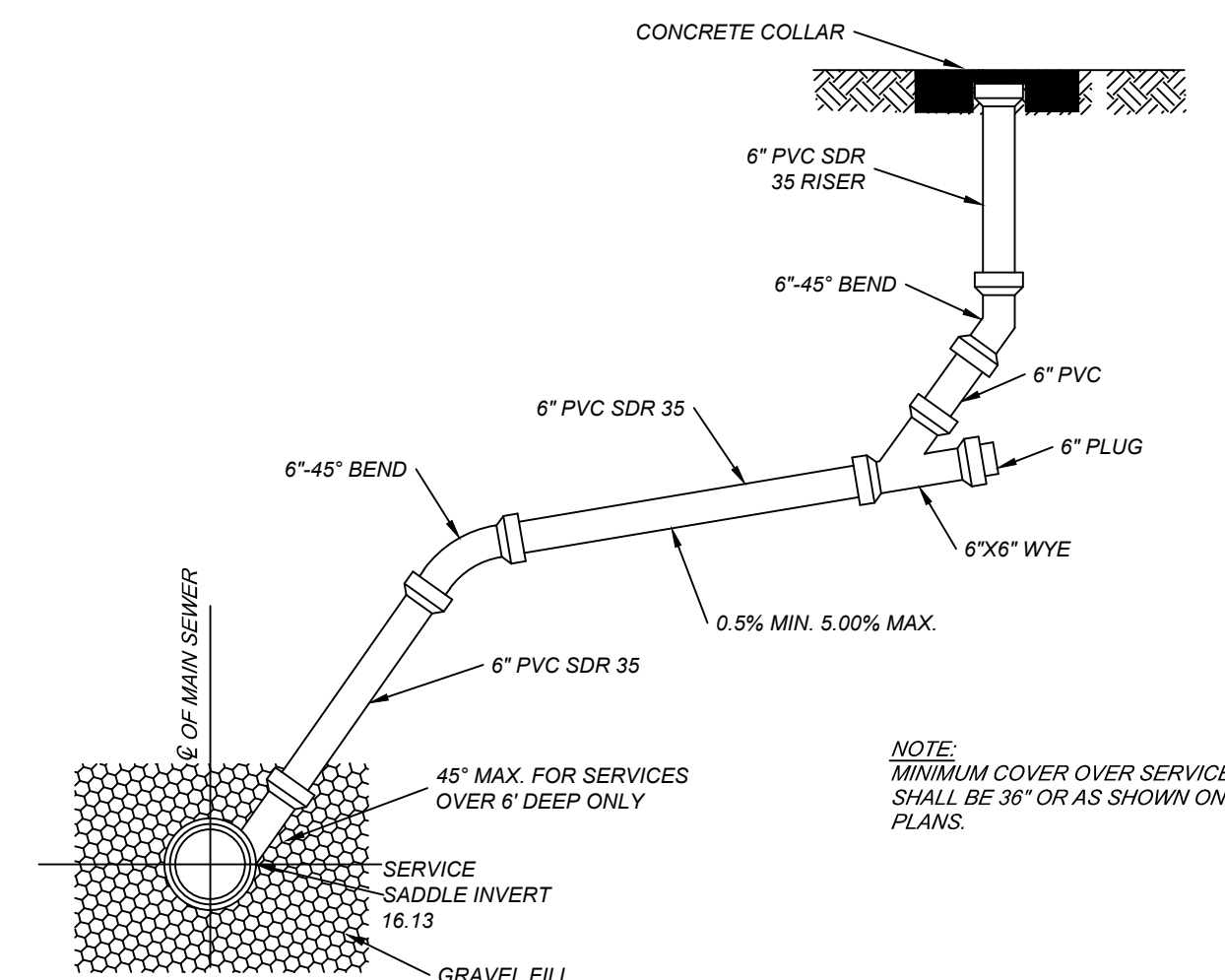


- NOTES FOR ALL TRENCH DETAILS**
- TRENCH SHALL BE BACKFILLED AND THOROUGHLY TAMPED WITH SUITABLE MATERIAL TO LEVEL OF STONE. STONE & PAVT TO BE PLACED BY CONTR. WITH LEAST INTERFERENCE WITH TRAFFIC.
 - ALL CONSTRUCTION TO BE INSPECTED AND APPROVED BY LOCAL COUNTY OR STATE ROAD DEPT.
 - CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION AND OBTAINING INSPECTION.
 - GRAVEL BASE SHALL BE 4" MIN. AND EXTEND UP TO SPRING LINE OF PIPE. GRAVEL SHALL NOT EXCEED 3/4" DIA.

S-10
8 9B
TYPICAL TRENCH SECTION IN NATIVE GROUND CONDITION FOR GRAVITY SEWER LINE
SCALE: N.T.S.

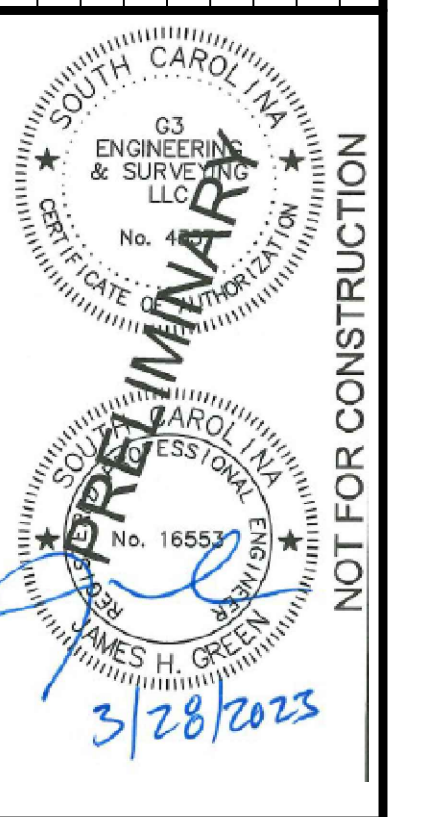


- NOTES:**
- MINIMUM SERVICE LATERAL SLOPE SHALL BE 1.00% ON 4" SIZE AND 0.5% ON 6" SIZE.
 - MINIMUM COVER OVER SERVICE LATERAL SHALL BE 36" OR AS SHOWN ON PLANS.
 - INSTALL CLEAN OUTS AT CHANGES IN ALIGNMENT OF 90° AND AT ALL CHANGES IN GRADE GREATER THAN 45° OR AS DIRECTED.
 - WHERE SERVICE LINE GRADE IS 20% OR GREATER, INSTALL CONCRETE ANCHORS.



S-8
7 9
SINGLE SEWER SERVICE CONNECTION
SCALE: N.T.S.

REV #	DESCRIPTION	DATE
1		3/28/2023



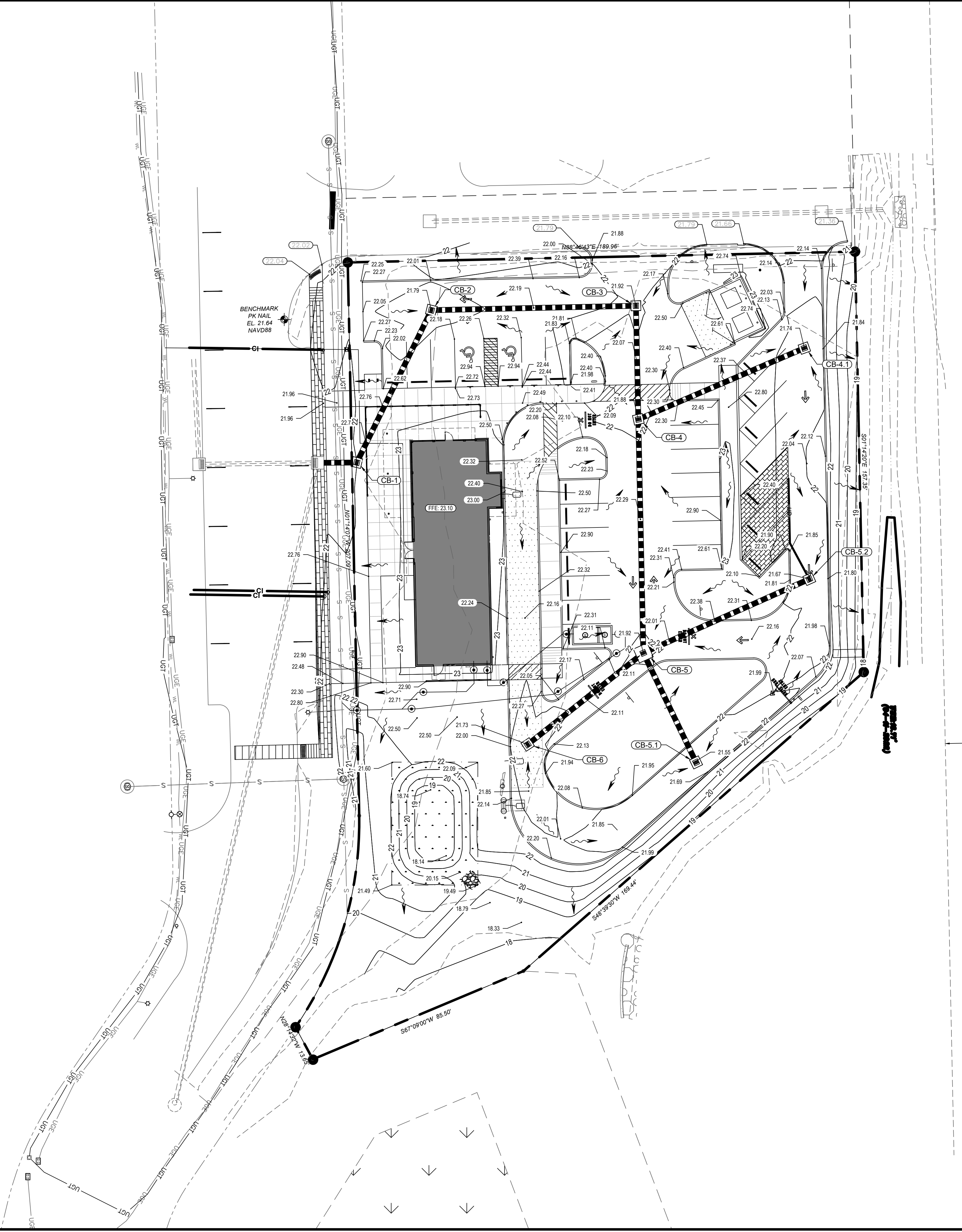
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STARBUCKS - BLUFFTON
BEAUFORT COUNTY, BLUFFTON, SC
PREPARED FOR
VAQUERO BLUFFTON PARTNERS, LP
SANITARY SEWER DETAILS

SCALE: NONE
0 1/2 1 2
DESIGNED: MAK
DRAWN: PS
APPROVED: JHG
PROJ. NO. 22091
DATE: 1/25/2023

C-9B
SHEET

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REV	DATE	DESCRIPTION
1	3/28/2023	DIC-BLUFFTON AND BWSA COMMENTS

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STARBUCKS - BLUFFTON

 BEAUFORT COUNTY, BLUFFTON, SC

 PREPARED FOR

Vaquero Bluffton Partners, LP

GRADING PLAN

SCALE: 1" = 20'

 DESIGNED: MAK

 DRAWN: PS

 APPROVED: JHG

 PROJ. NO. 22091

 DATE: 1/25/2023

P.U.P.S

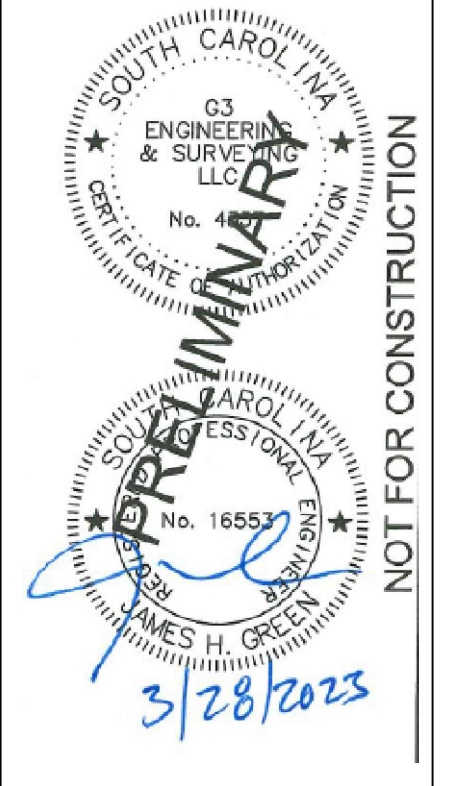
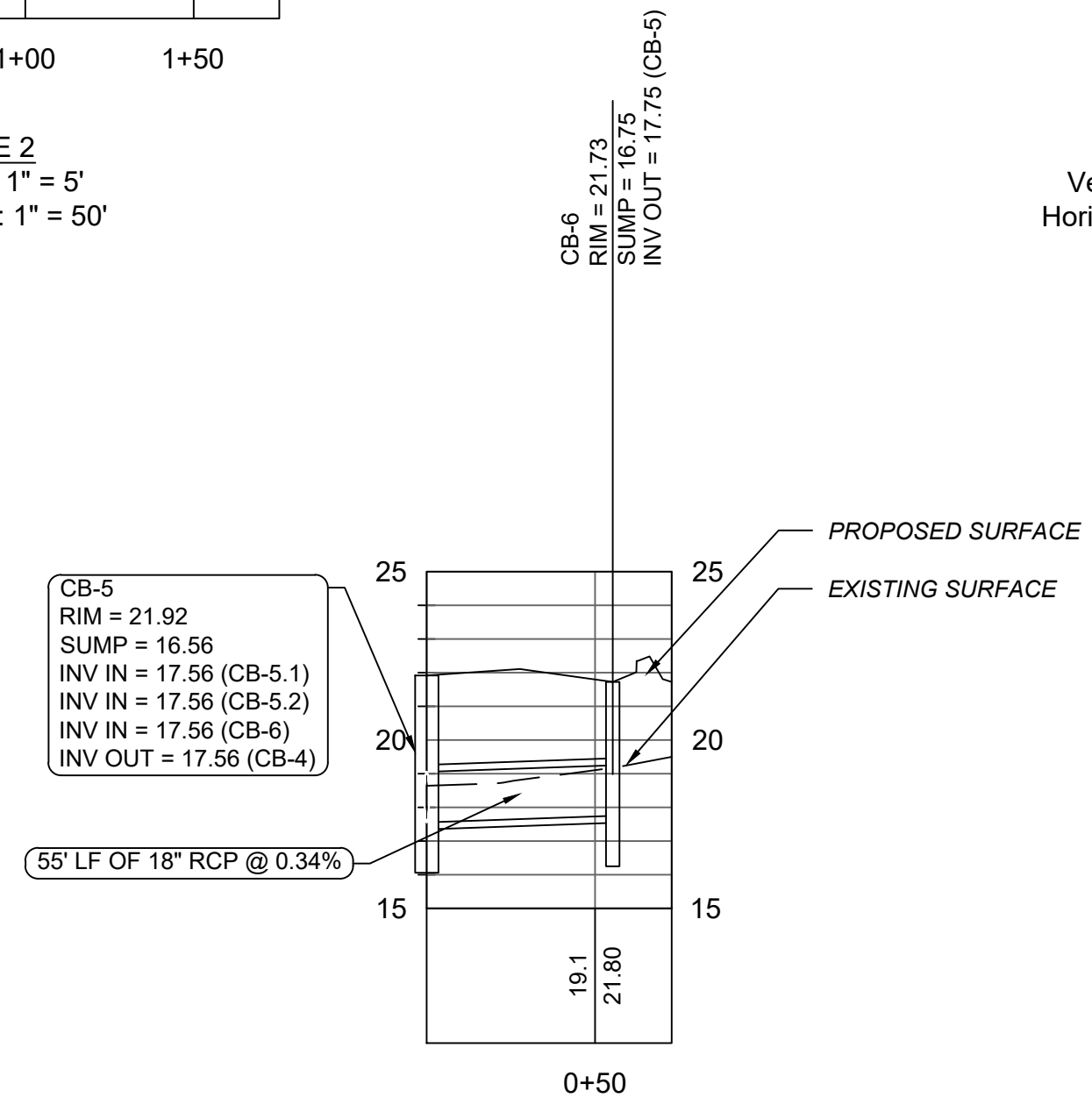
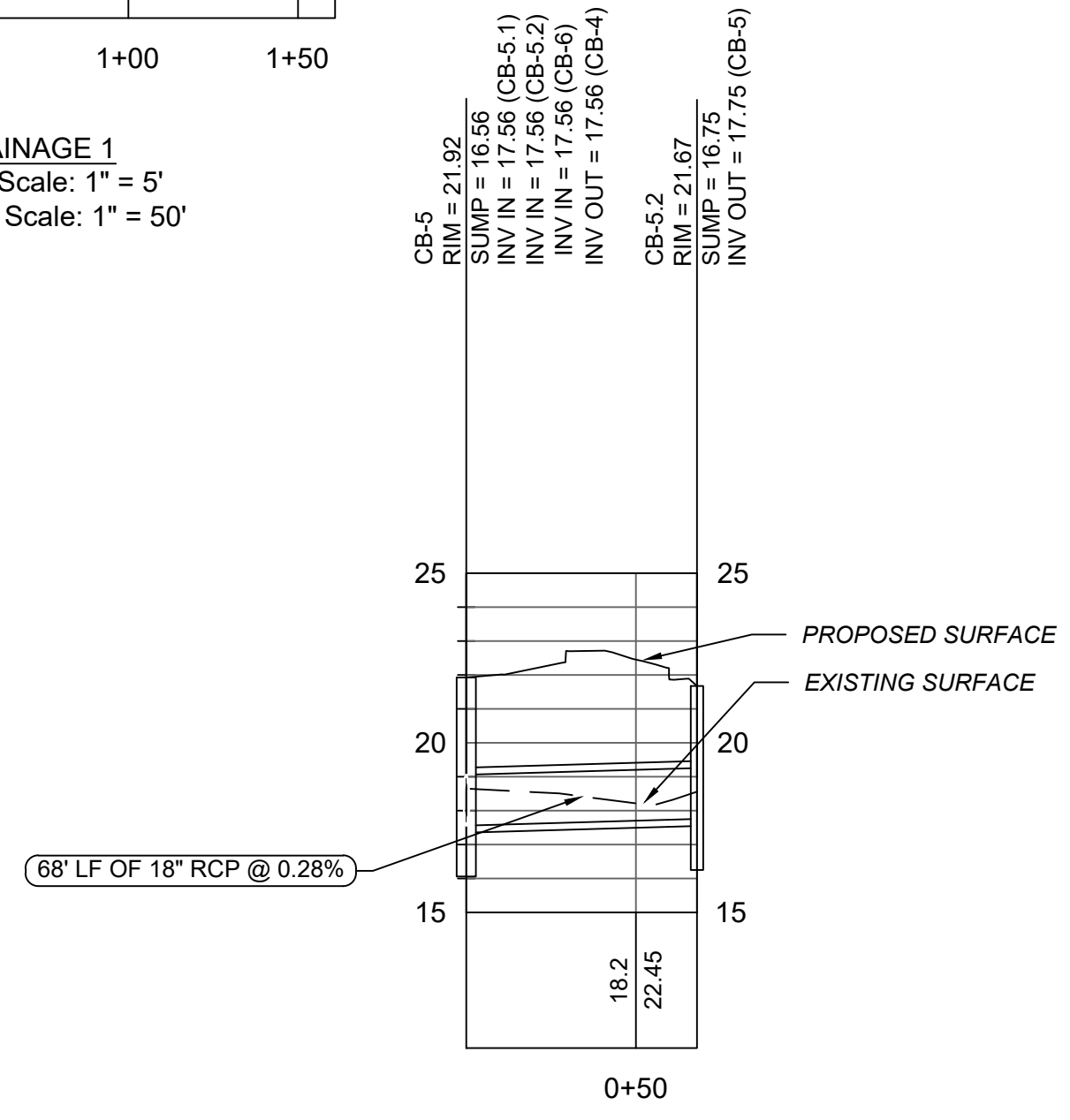
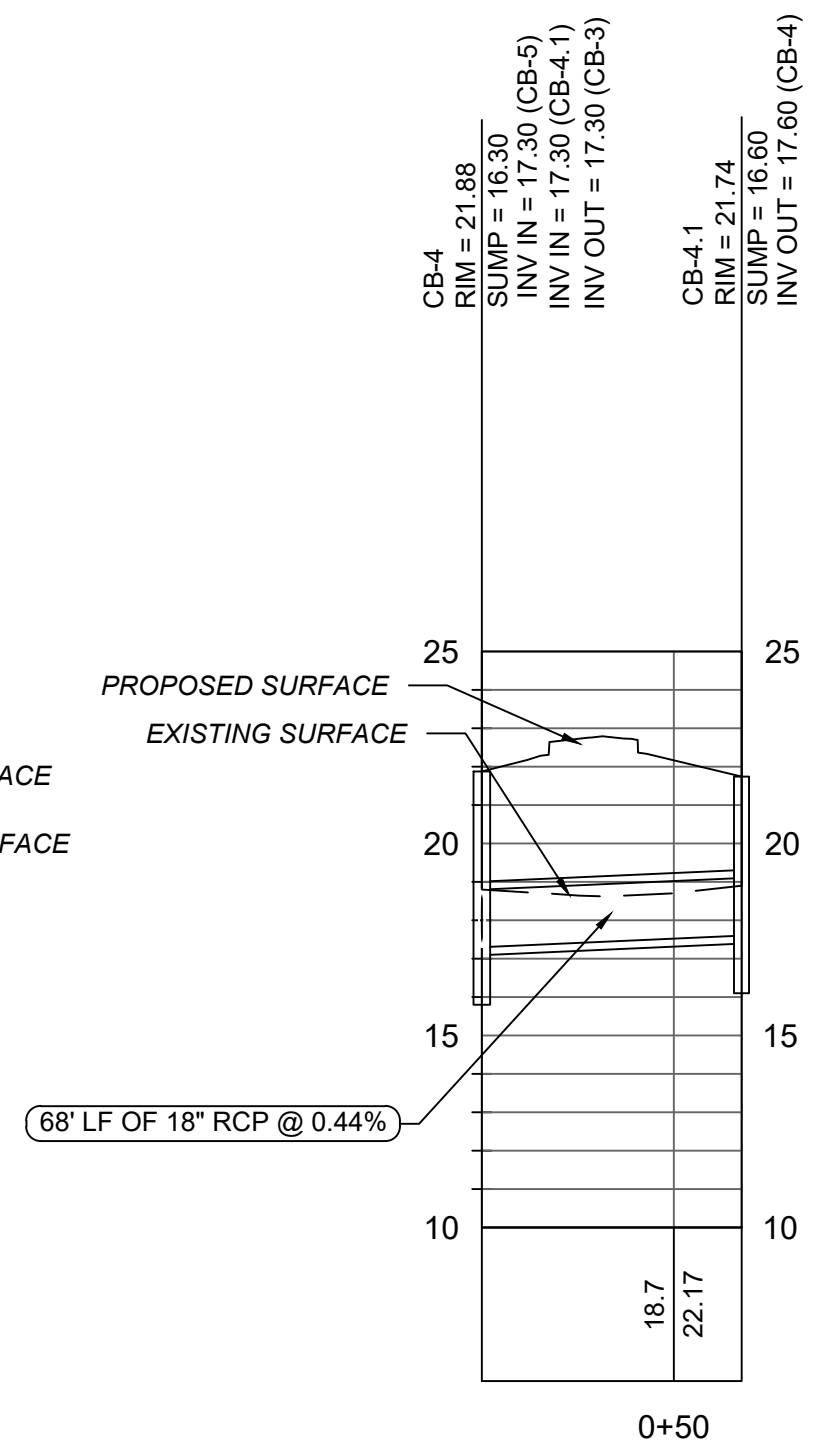
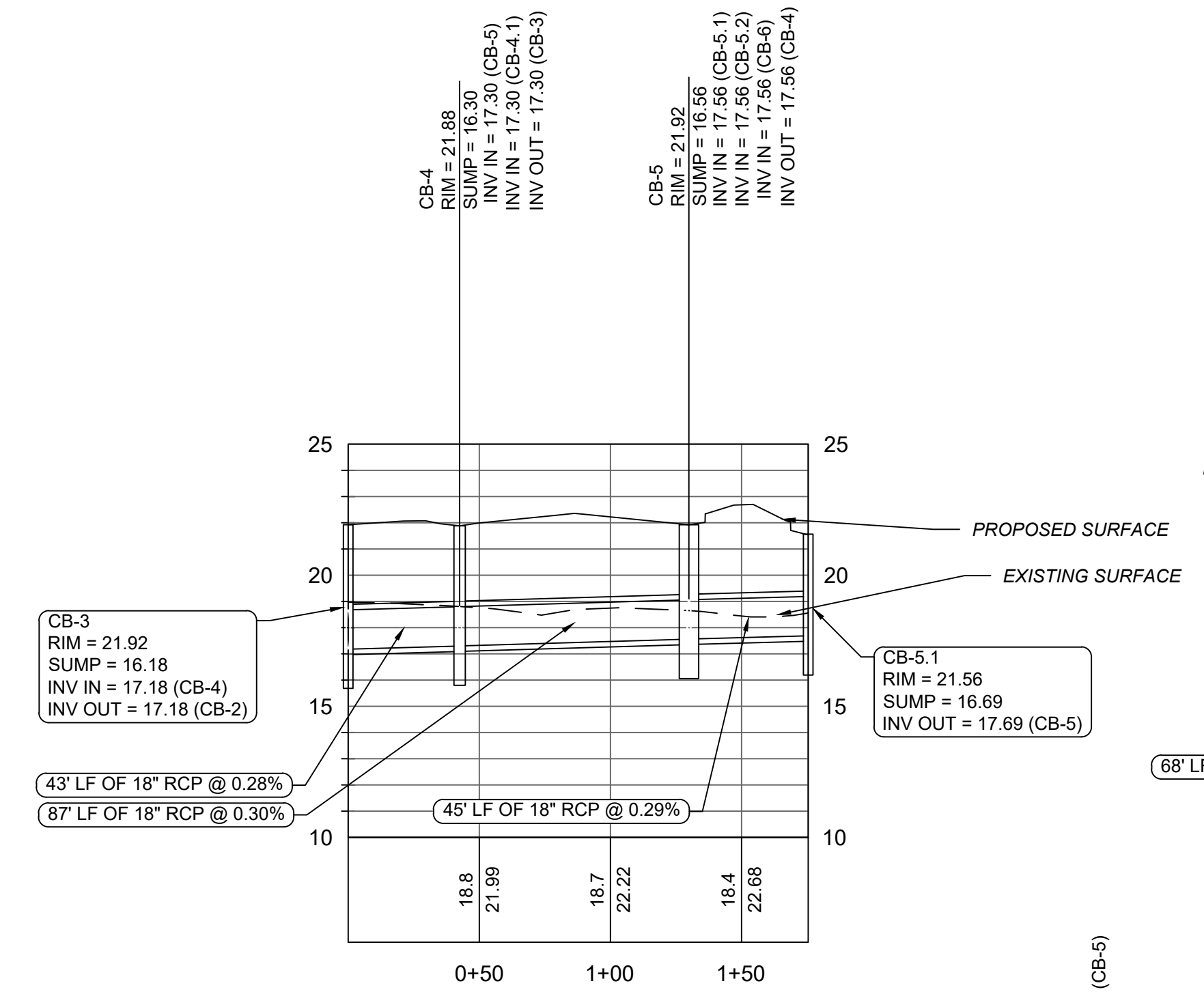
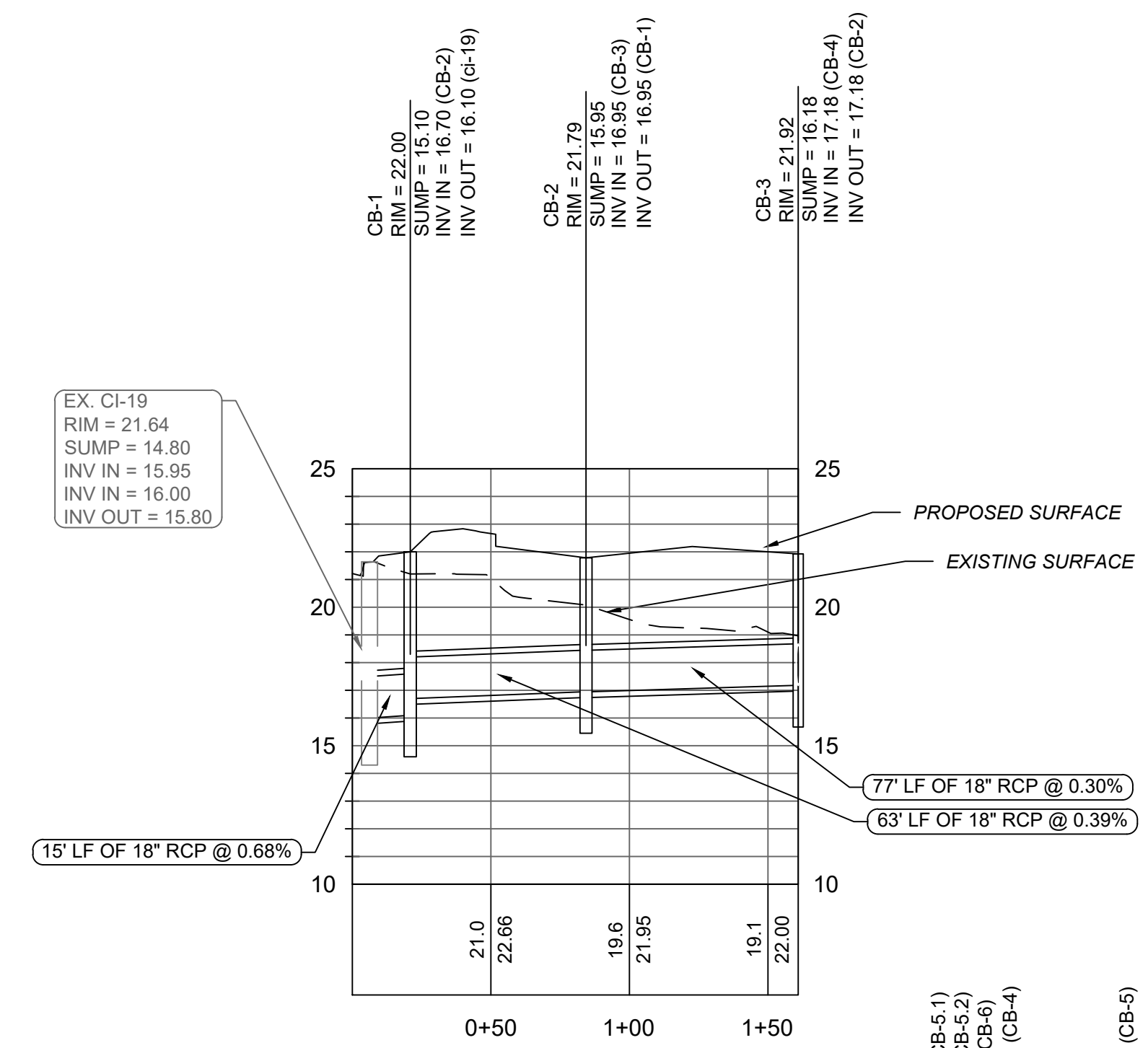
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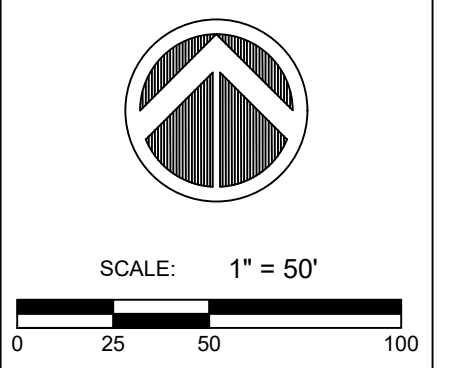
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STORM DRAIN PROFILES



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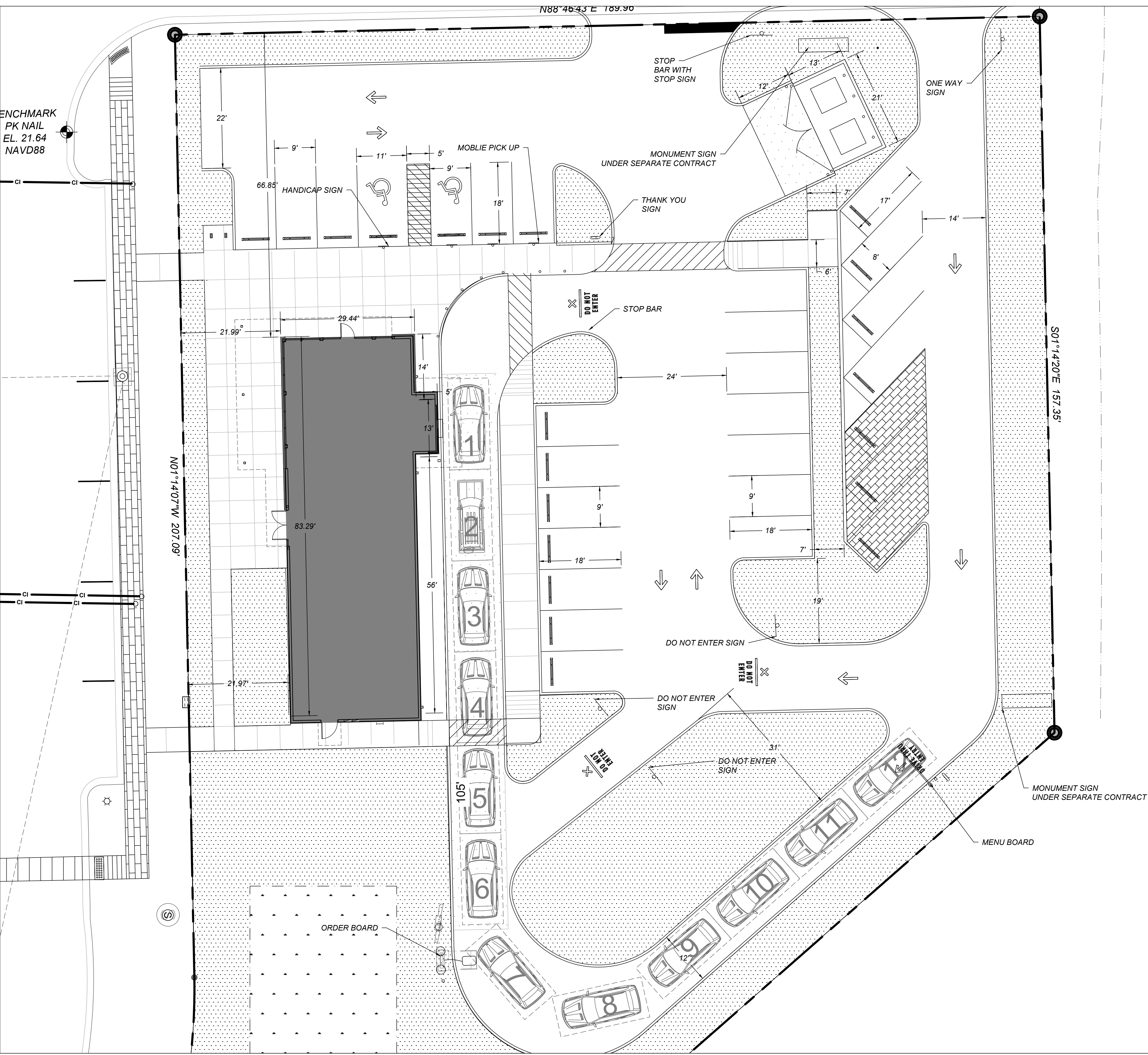


DESIGNED: MAK
DRAWN: PS
APPROVED: JHG
PROJ. NO. 22091
DATE: 1/25/2023

SHEET **C-12**

REV #	DESCRIPTION	BY	DATE
1	DIC BLUFFTON AND SWIPA COMMENTS	MAK	3/28/2023

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STARBUCKS - BLUFFTON

 BEAUFORT COUNTY, BLUFFTON, SC

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Vaquero Bluffton Partners, LP

SIGNAGE, STRIPING AND SITE PLAN

SCALE: 1" = 10'

 0 5 10 20

DESIGNED: MAK

 DRAWN: PS

 APPROVED: JHG

 PROJ. NO: 22091

 DATE: 1/25/2023

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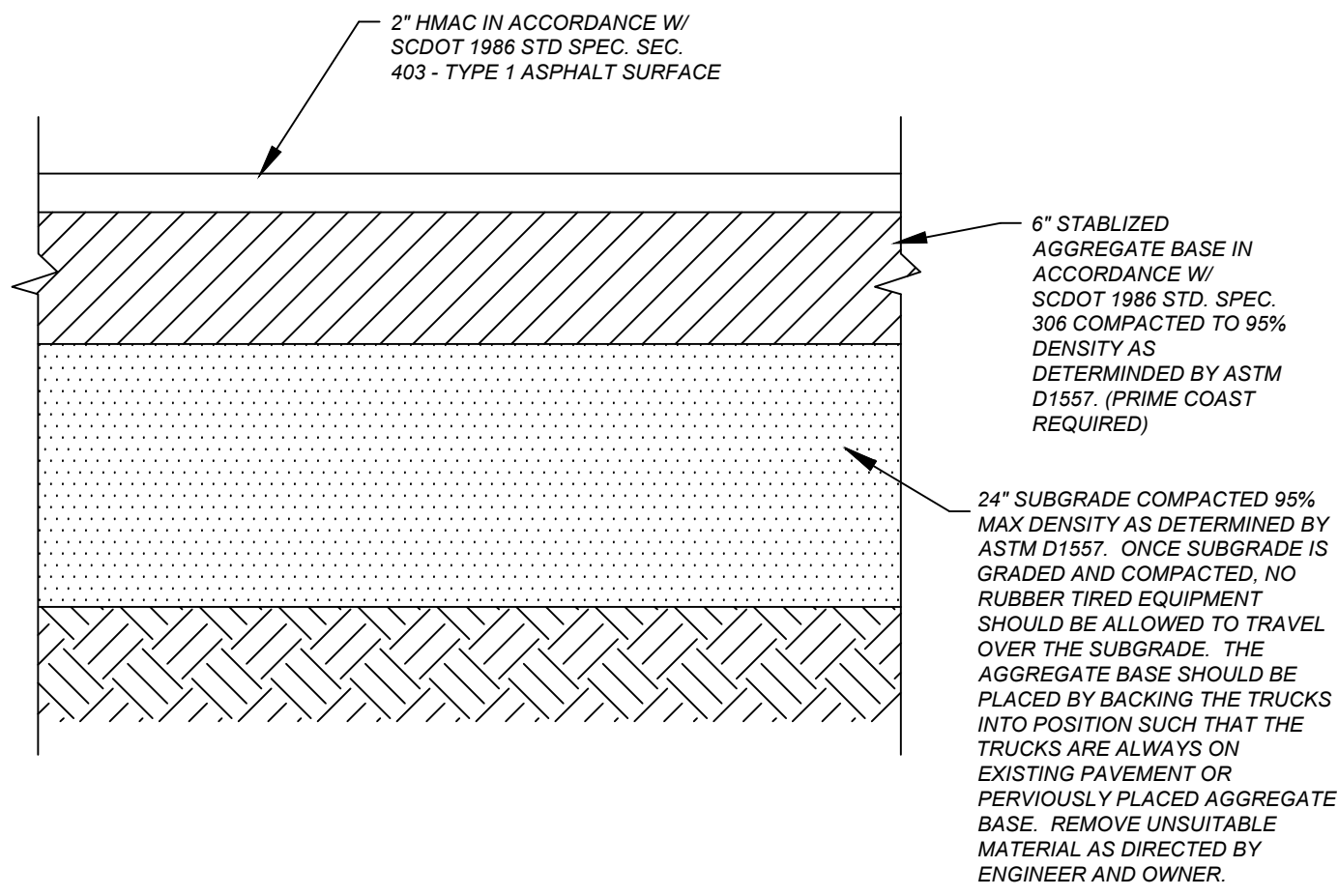
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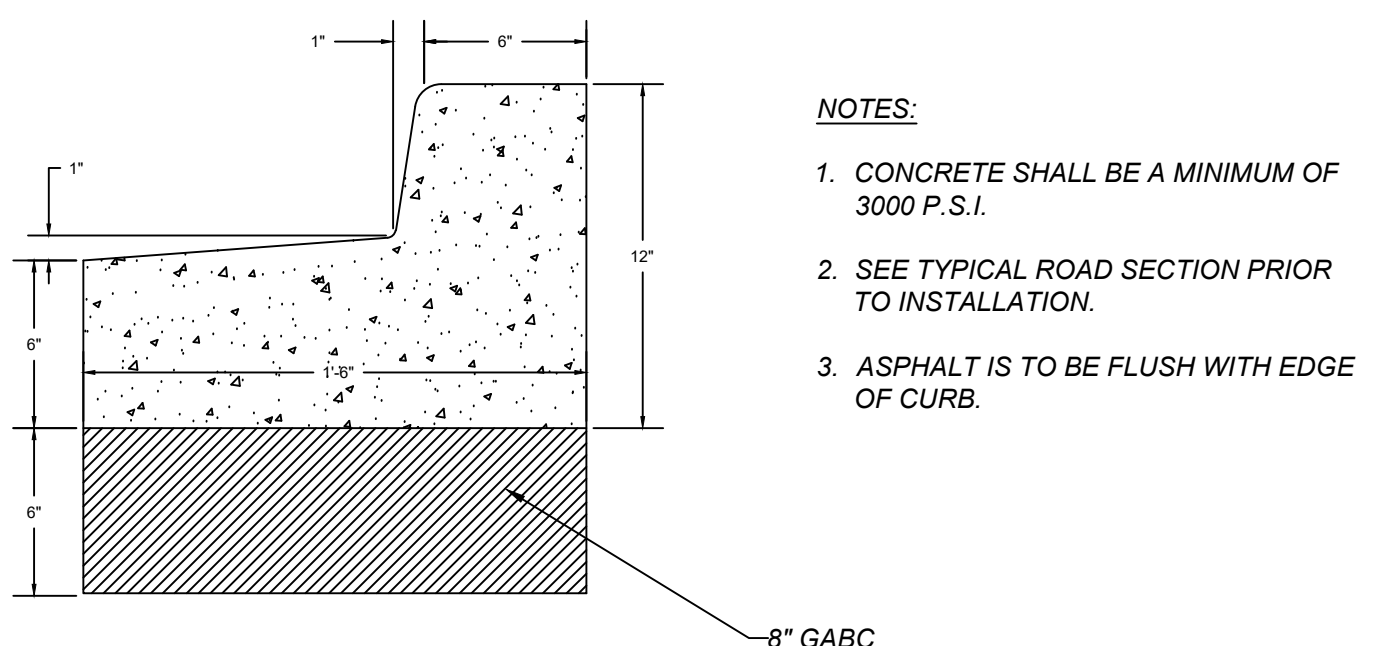
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SHEET **C-13**

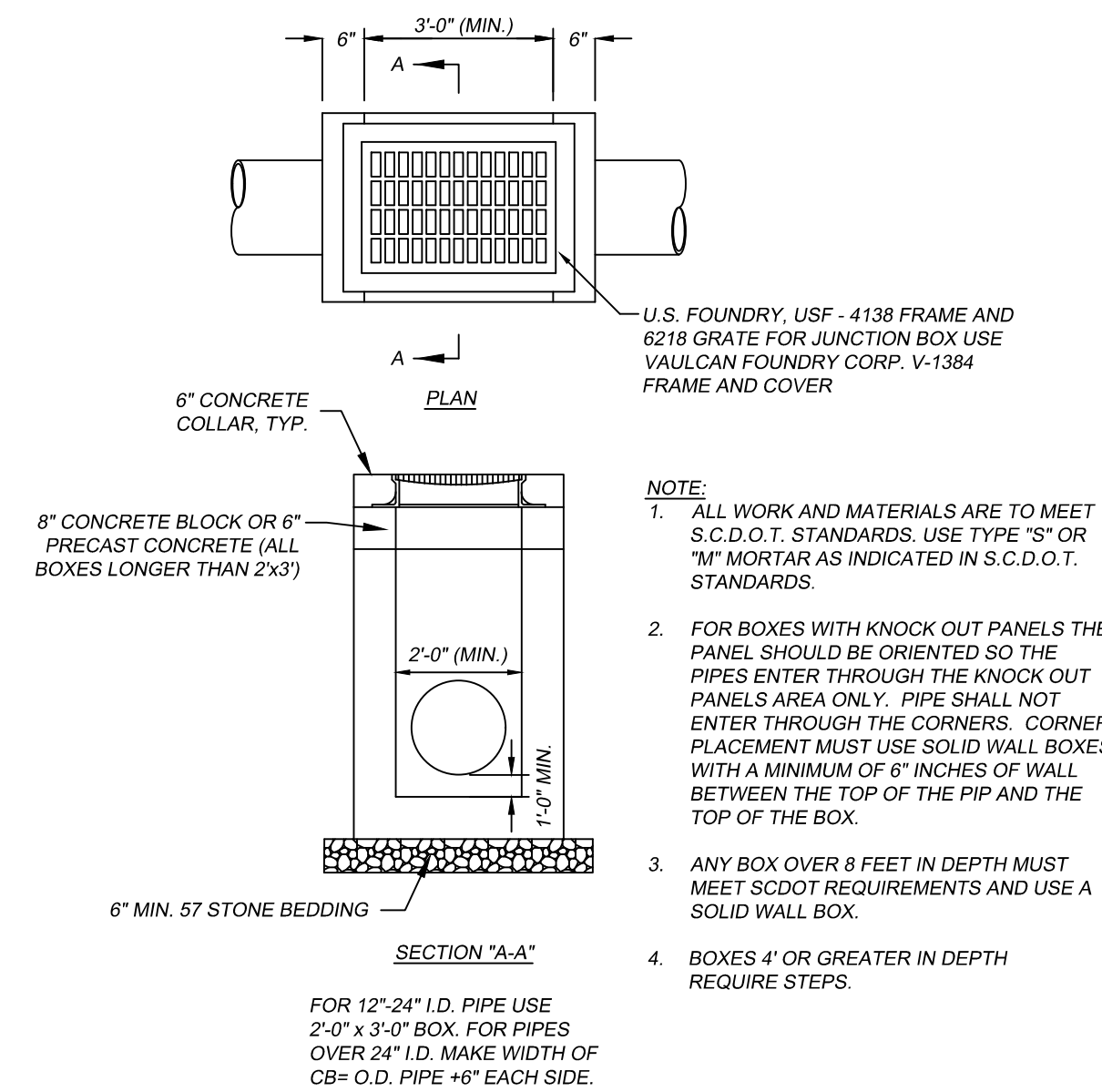
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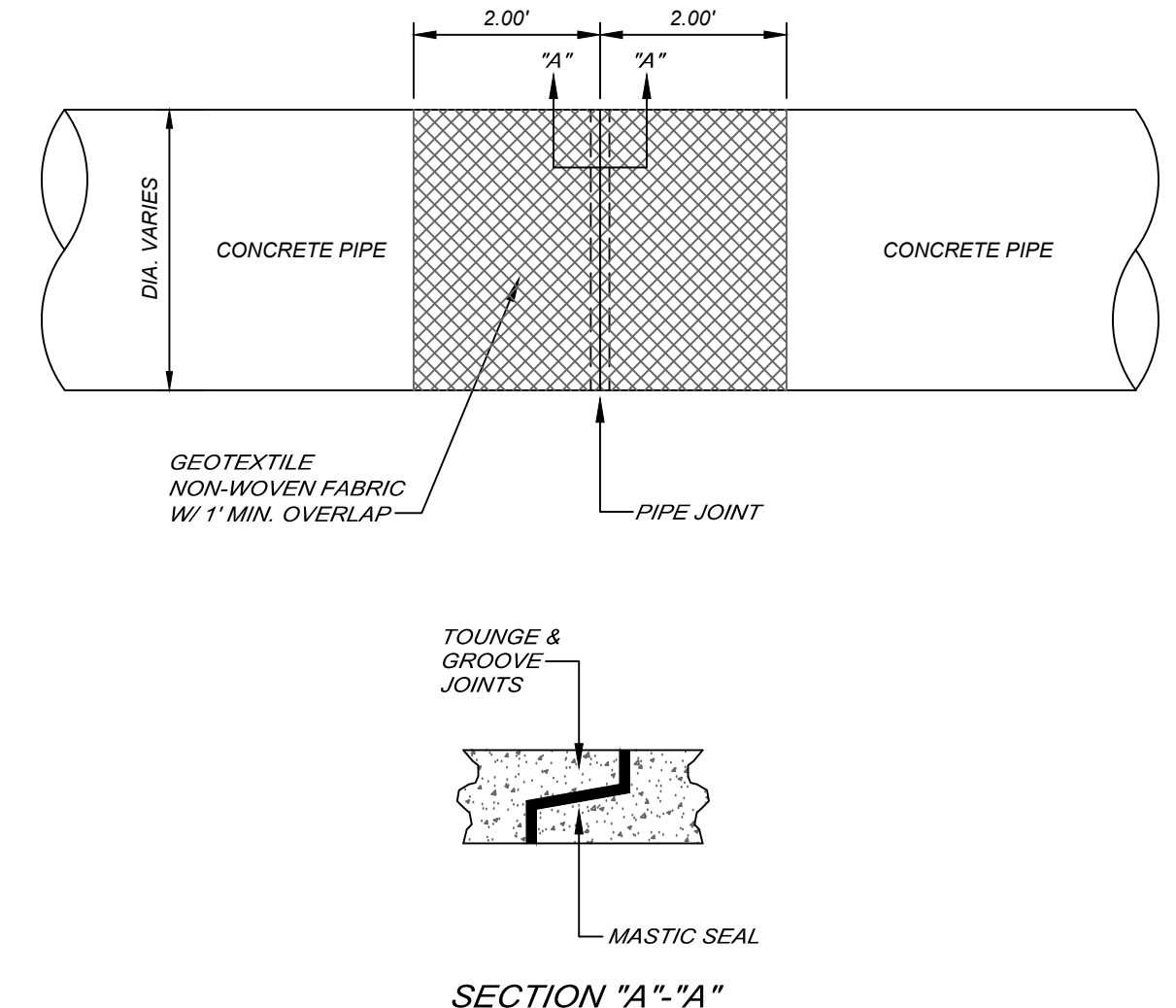
PV-1 DRIVeway PAVEMENT SECTION
11 | 14A SCALE: N.T.S.



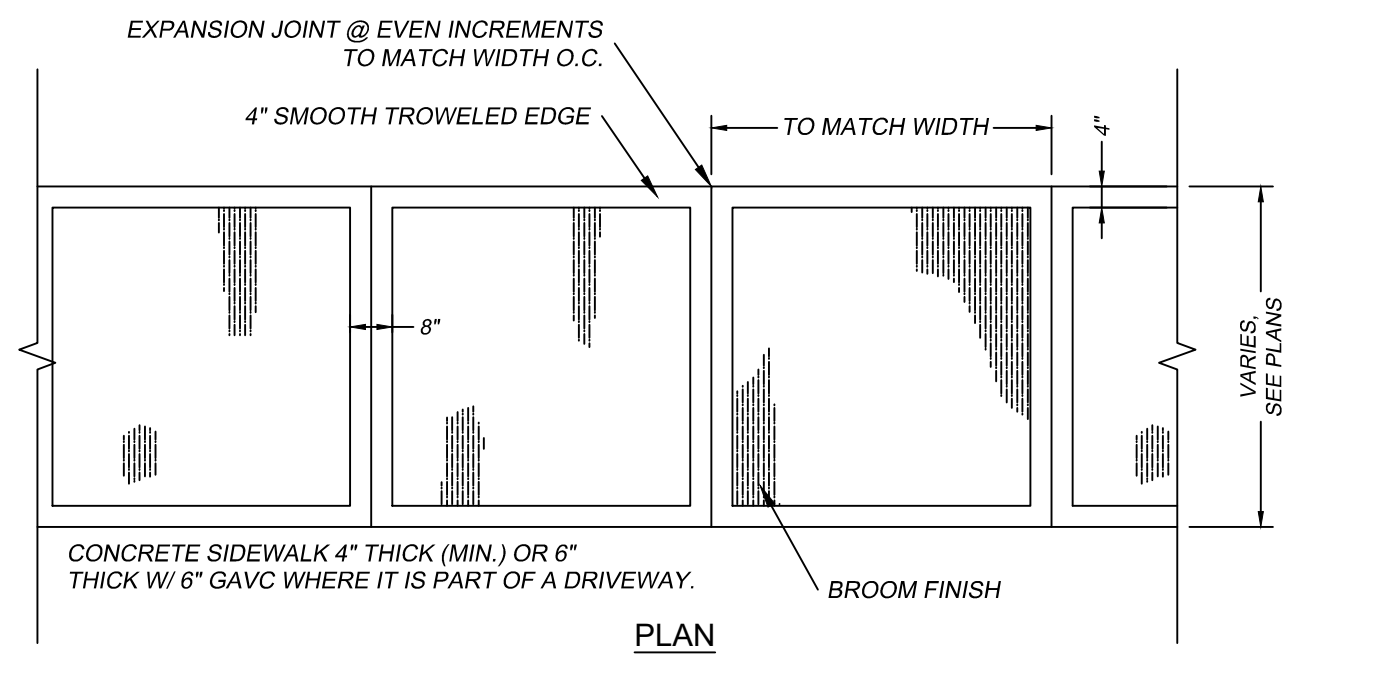
PV-11 REJECT CURB DETAIL
10 | 14A SCALE: N.T.S.



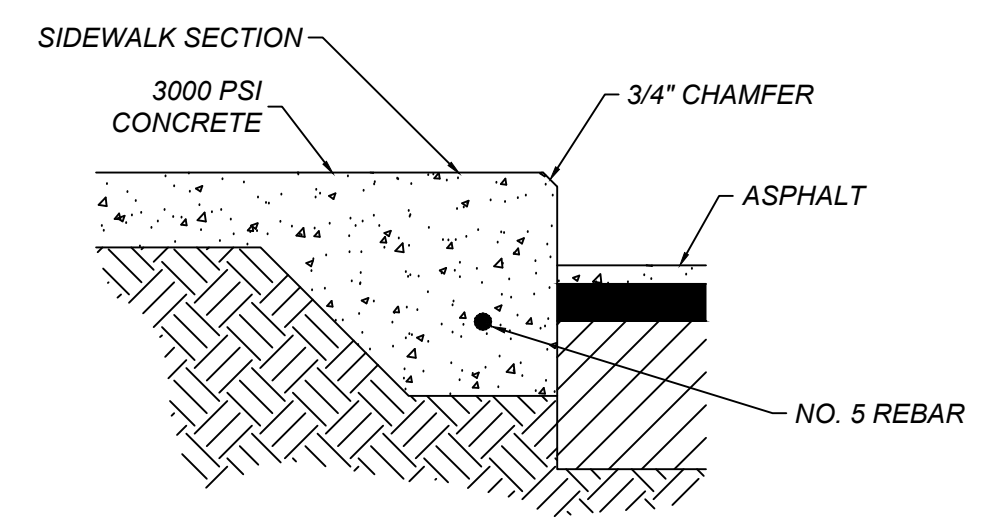
CB-1 TYPICAL CATCH BASIN / JUNCTION BOX
11 | 14A SCALE: N.T.S.



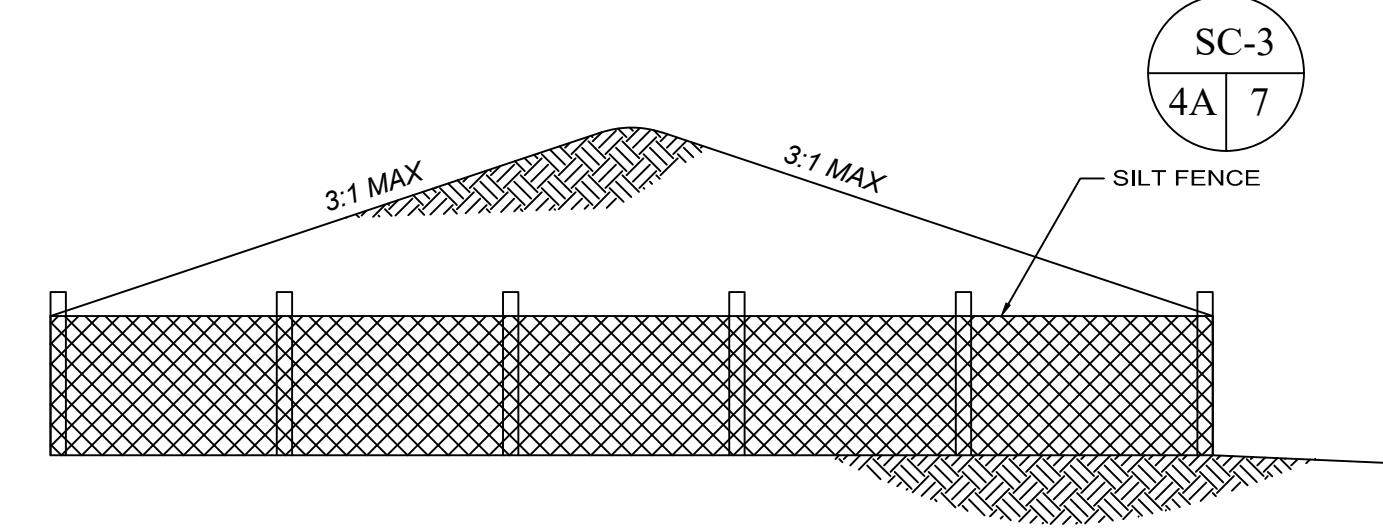
D-8 PIPE JOINT DETAIL
11 | 14A SCALE: N.T.S.



PV-4 TYPICAL SIDEWALK DETAIL
3 | 14A SCALE: N.T.S.



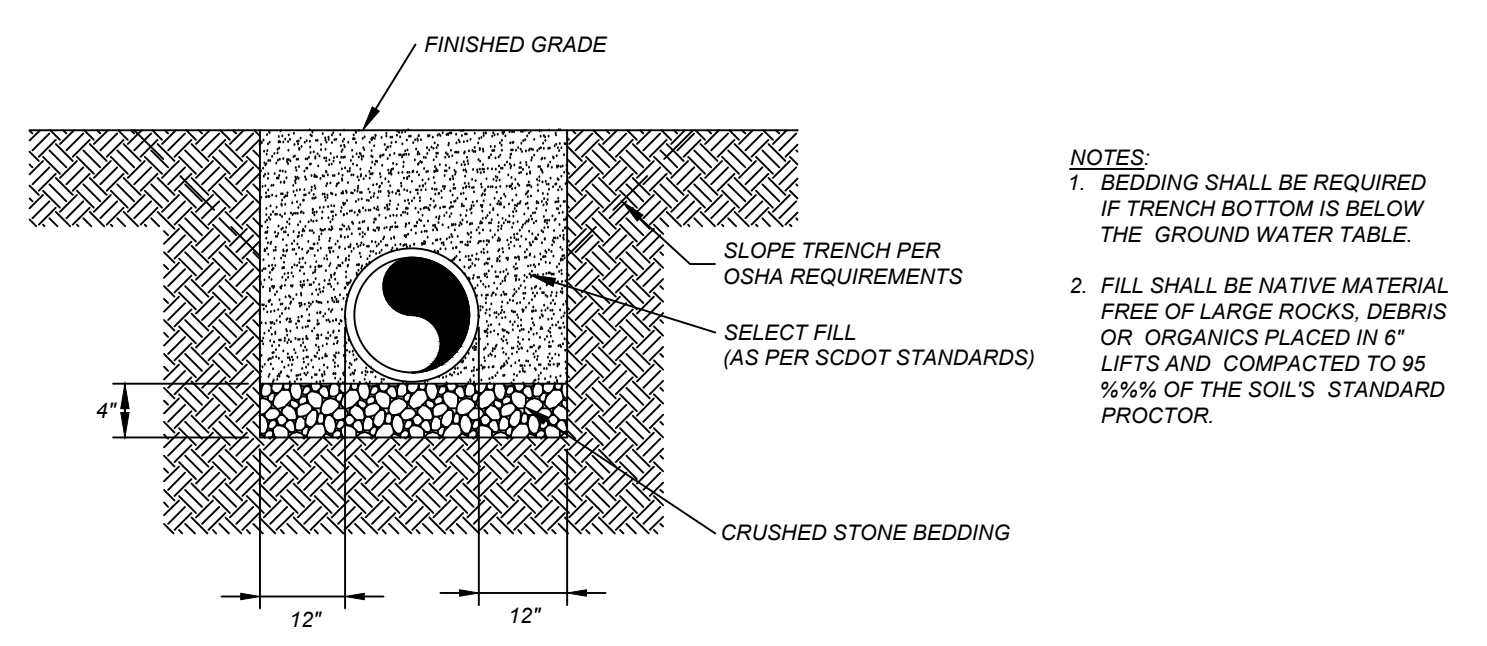
PV-10 SIDEWALK AT PAVEMENT SECTION
10 | 14A SCALE: N.T.S.



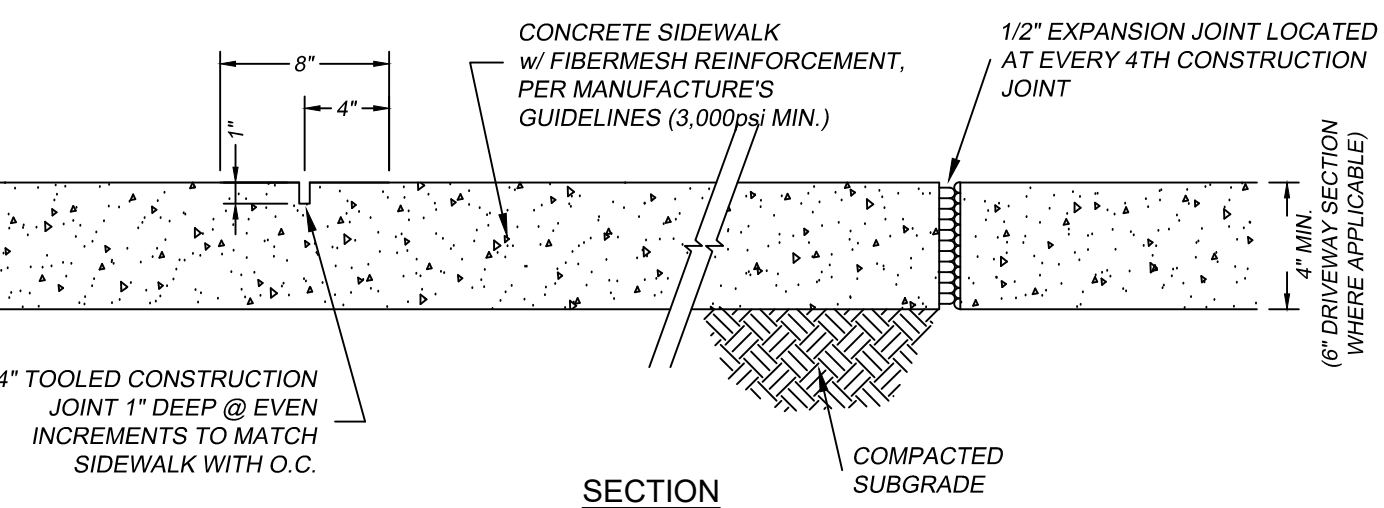
STOCKPILE PROTECTION INSTALLATION NOTES

- SEE PLAN SHEET C-5 FOR LOCATION OF STOCKPILES.
- INSTALL SILT FENCE IN ACCORDANCE WITH THEIR RESPECTIVE DESIGN DETAILS.
- STABILIZE THE STOCKPILE SURFACE WITH SURFACE ROUGHENING, TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS, OR SOIL BINDERS. SOILS STOCKPILED FOR AN EXTENDED PERIOD (TYPICALLY FOR MORE THAN 60 DAYS) SHOULD BE SEEDED AND MULCHED WITH A TEMPORARY GRASS COVER ONCE THE STOCKPILE IS PLACED (TYPICALLY WITH IN 14 DAYS). USE OF MULCH ONLY OR A SOIL BINDER IS ACCEPTABLE IF THE STOCKPILE WILL BE IN PLACE FOR A MORE LIMITED TIME PERIOD (TYPICALLY 30-60 DAYS).

SC-8 STOCKPILE PROTECTION
4 | 14A SCALE: N.T.S.



D-7 RCP PIPE BEDDING
11 | 14A SCALE: N.T.S.



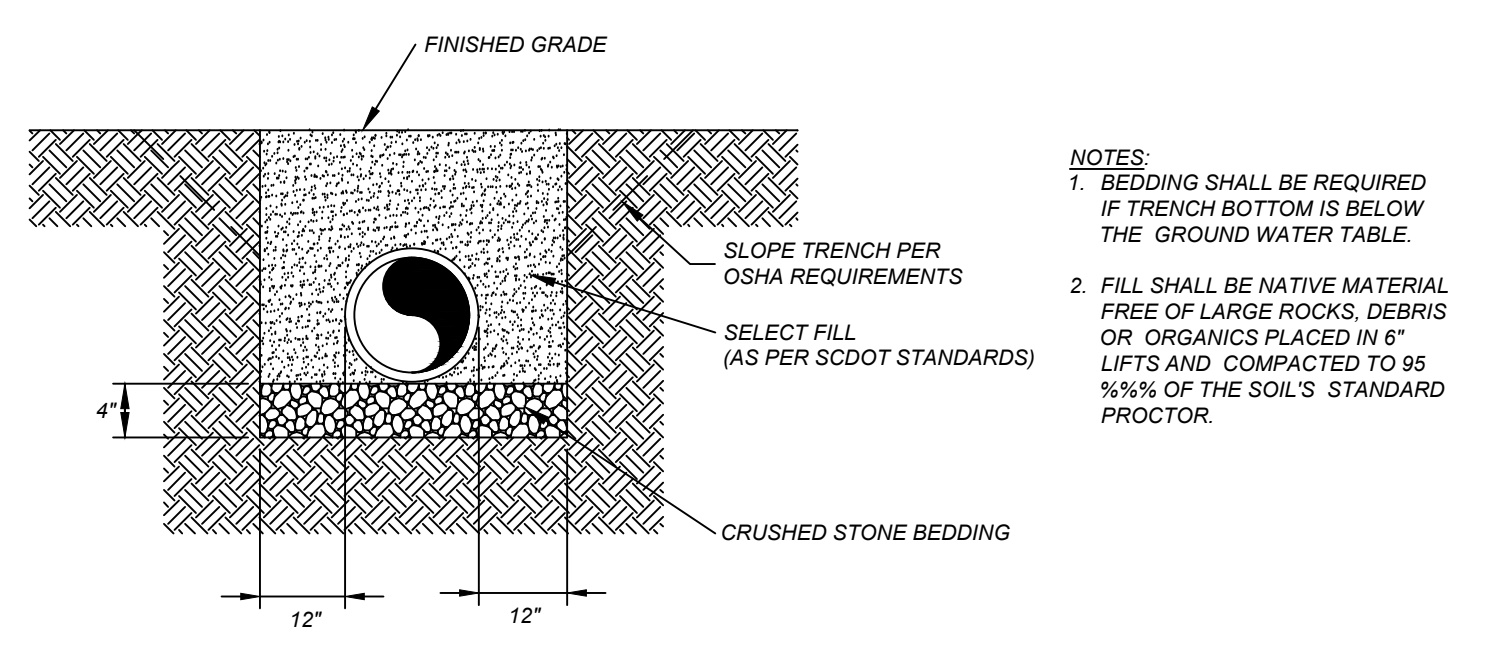
PV-4 TYPICAL SIDEWALK DETAIL
3 | 14A SCALE: N.T.S.

PV-10 SIDEWALK AT PAVEMENT SECTION
10 | 14A SCALE: N.T.S.

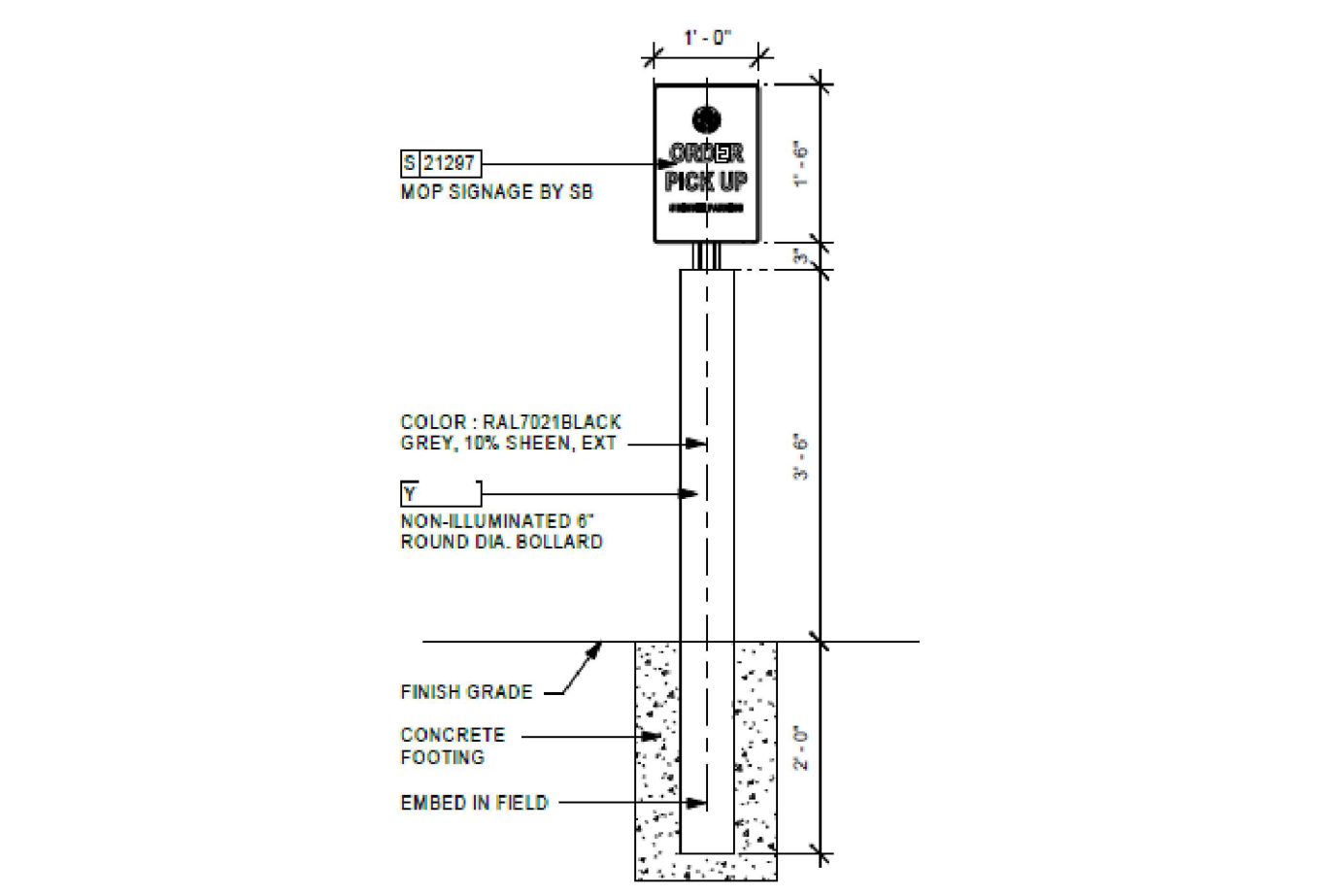
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- INSTALL SILT FENCE IN ACCORDANCE WITH THEIR RESPECTIVE DESIGN DETAILS.
- STABILIZE THE STOCKPILE SURFACE WITH SURFACE ROUGHENING, TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS, OR SOIL BINDERS. SOILS STOCKPILED FOR AN EXTENDED PERIOD (TYPICALLY FOR MORE THAN 60 DAYS) SHOULD BE SEEDED AND MULCHED WITH A TEMPORARY GRASS COVER ONCE THE STOCKPILE IS PLACED (TYPICALLY WITH IN 14 DAYS). USE OF MULCH ONLY OR A SOIL BINDER IS ACCEPTABLE IF THE STOCKPILE WILL BE IN PLACE FOR A MORE LIMITED TIME PERIOD (TYPICALLY 30-60 DAYS).

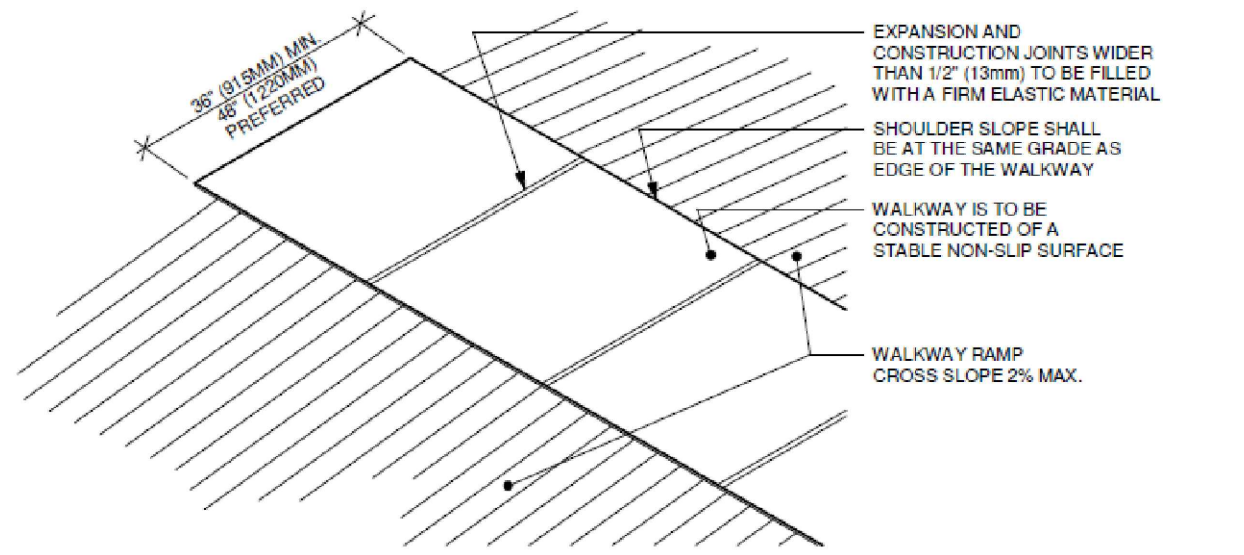
SC-8 STOCKPILE PROTECTION
4 | 14A SCALE: N.T.S.



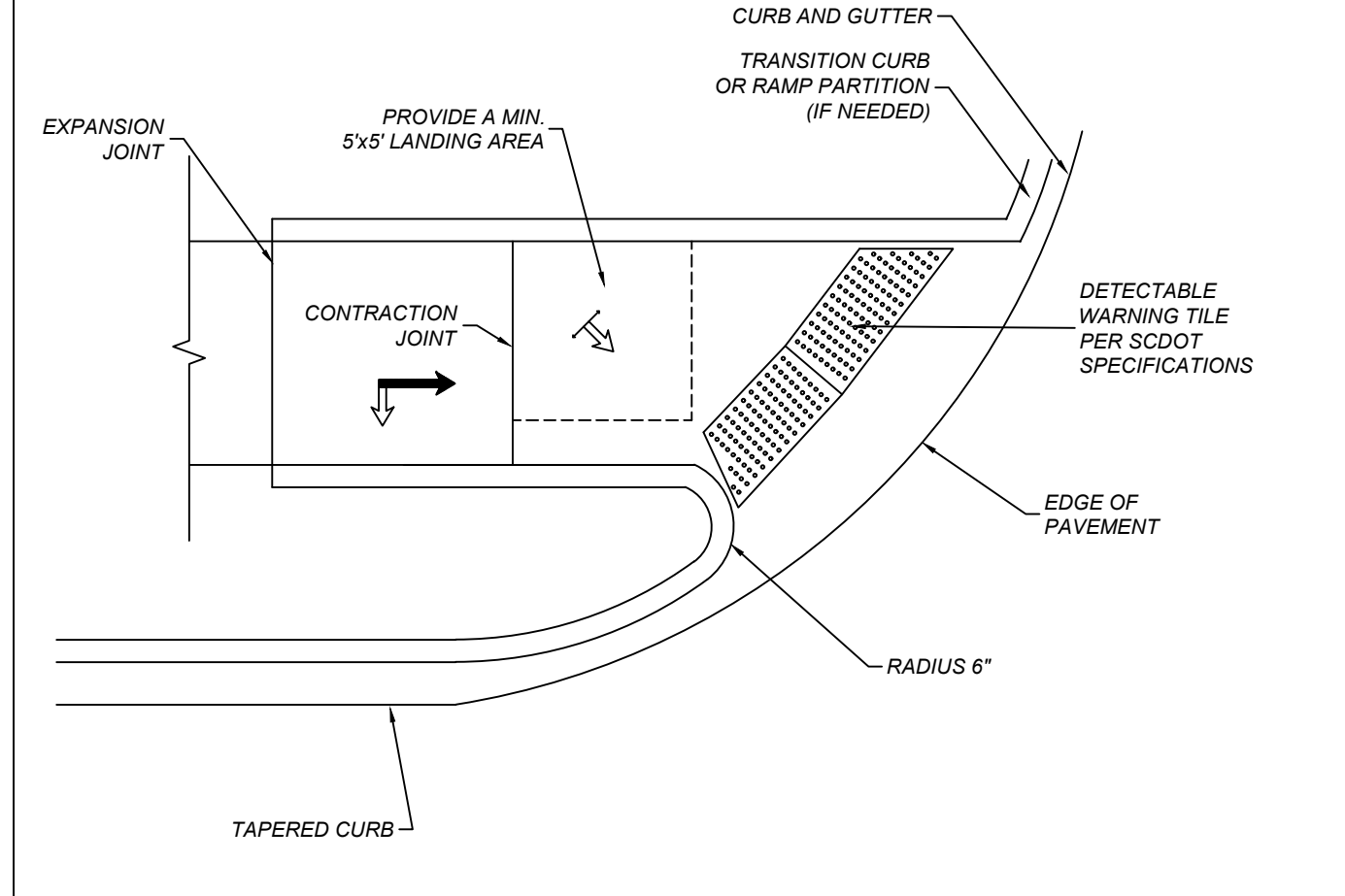
D-7 RCP PIPE BEDDING
11 | 14A SCALE: N.T.S.



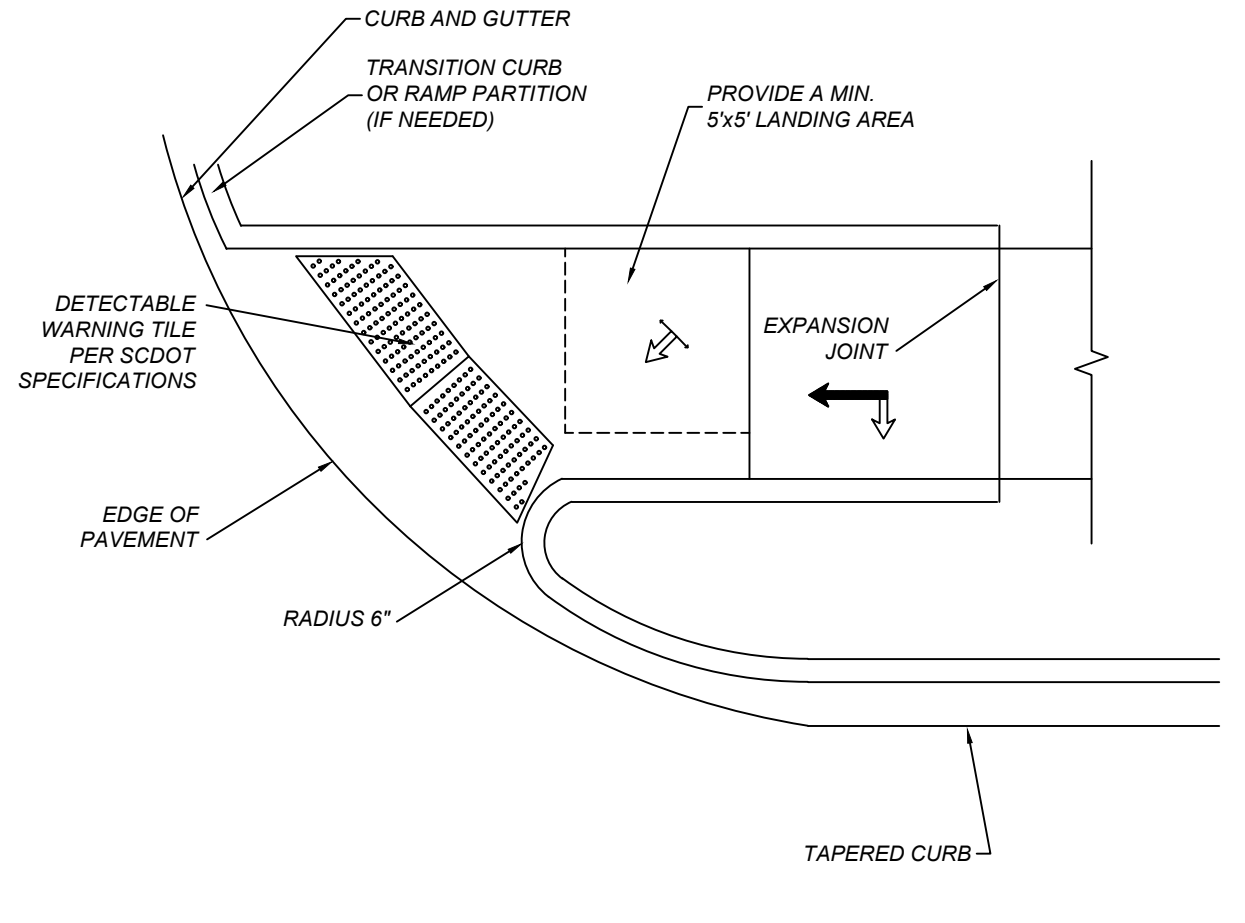
SC-22 MOP PARKING SIGN BOALLARD
3 | 14A SCALE: N.T.S.



SC-3 ACCESSIBLE EXTERIOR WALKWAY
3 | 14A SCALE: N.T.S.



HC-3 HANDICAP RAMP AND CROSSWALK DETAIL
3 | 14A SCALE: N.T.S.



NO.	REV#	DESCRIPTION	BY	DATE

NOT FOR CONSTRUCTION

3/28/2023

James H. Green, P.E.

Professional Engineer License No. 16553

South Carolina State Board of Professional Engineering and Surveying

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STARBUCKS - BLUFFTON
BEAUFORT COUNTY, BLUFFTON, SC

PREPARED FOR
VAQUERO BLUFFTON PARTNERS, LP

SIGNAGE, GRADING & DRAINAGE DETAILS

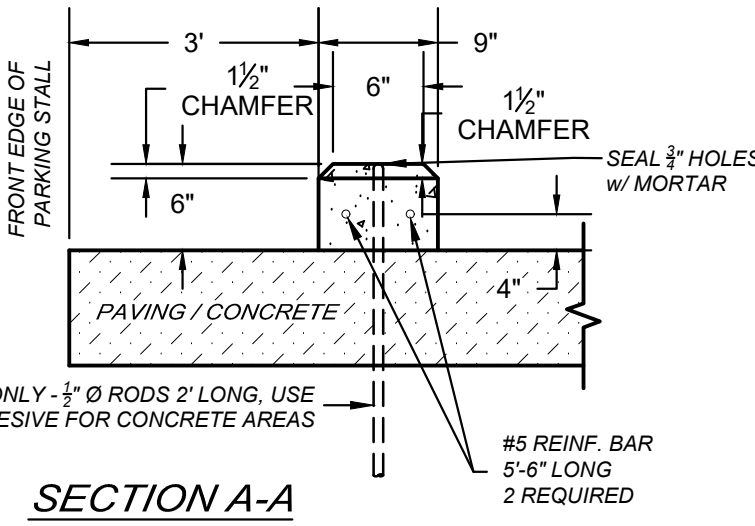
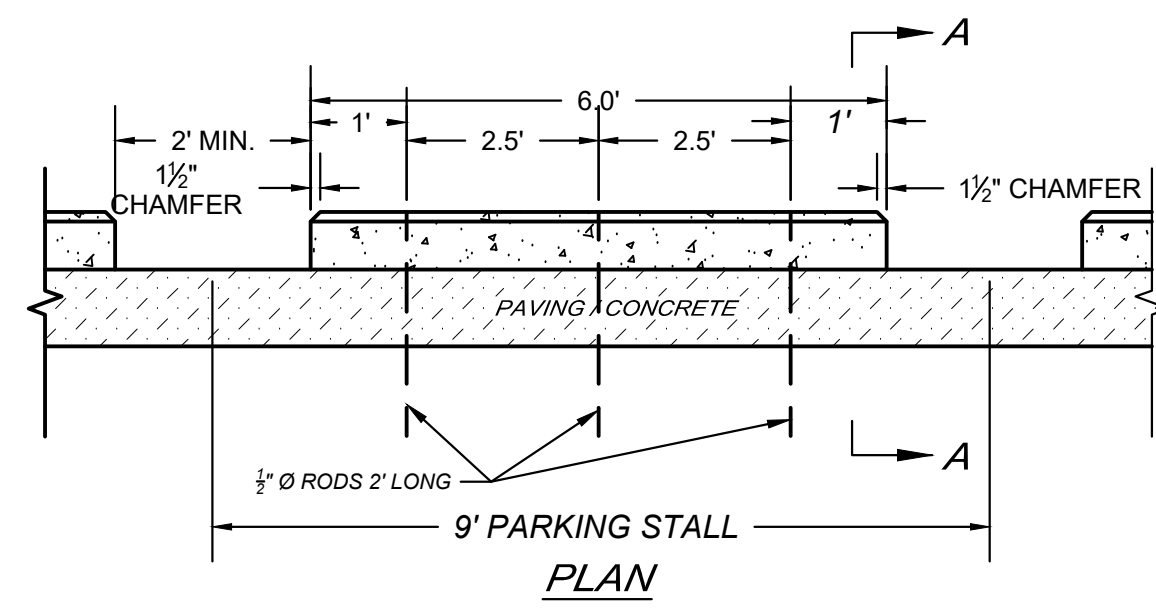
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0 1/2 1 2

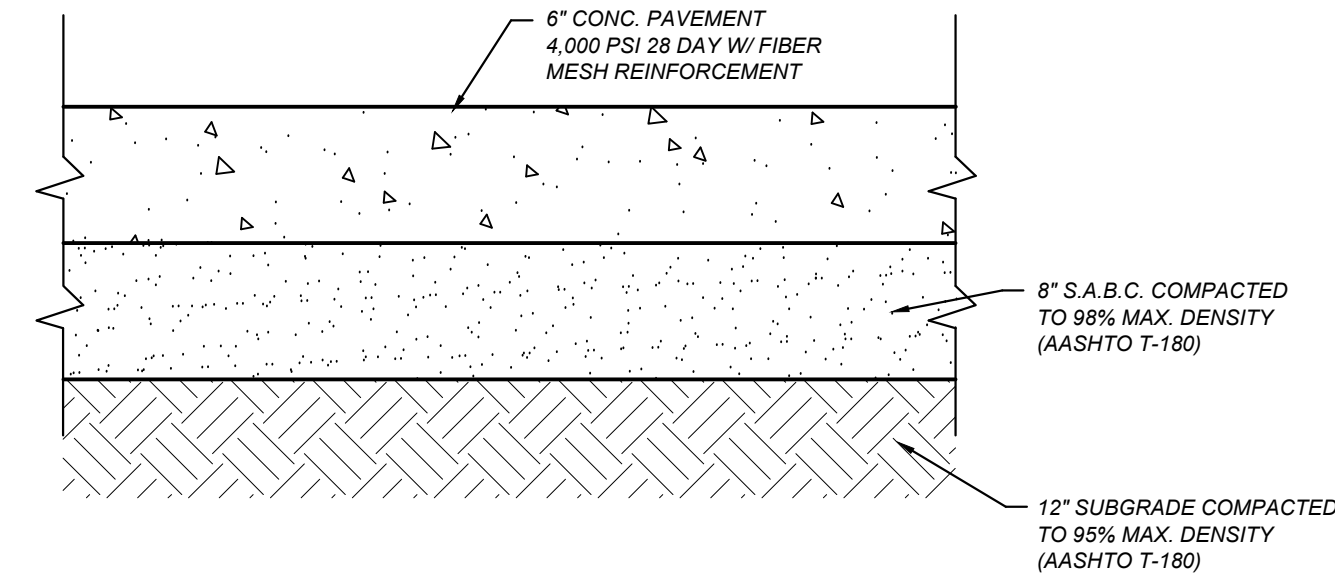
DESIGNED: MAK
DRAWN: PS
APPROVED: JHG
PROJ. NO. 22091
DATE: 1/25/2023

SHEET **C-14A**

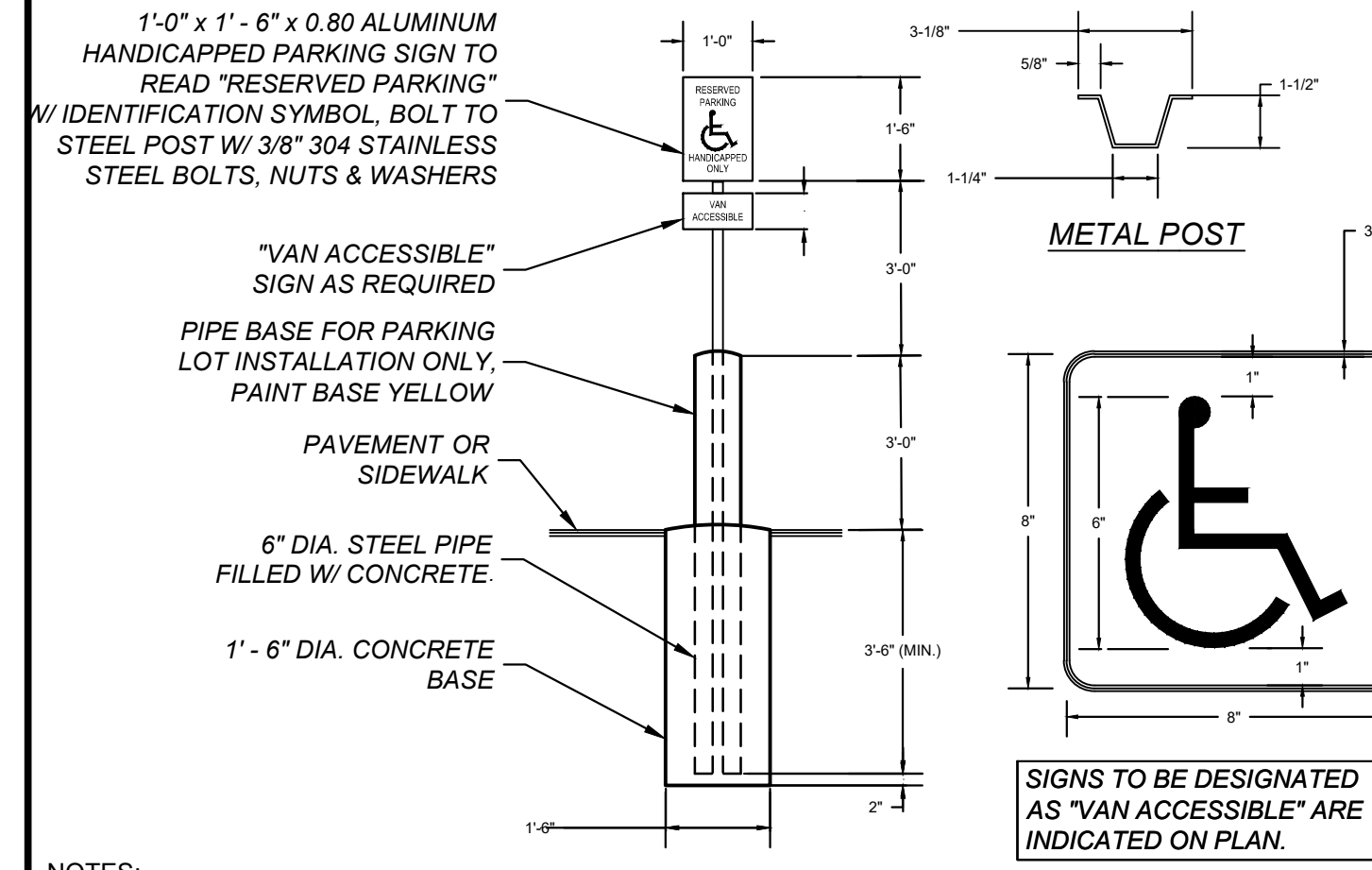
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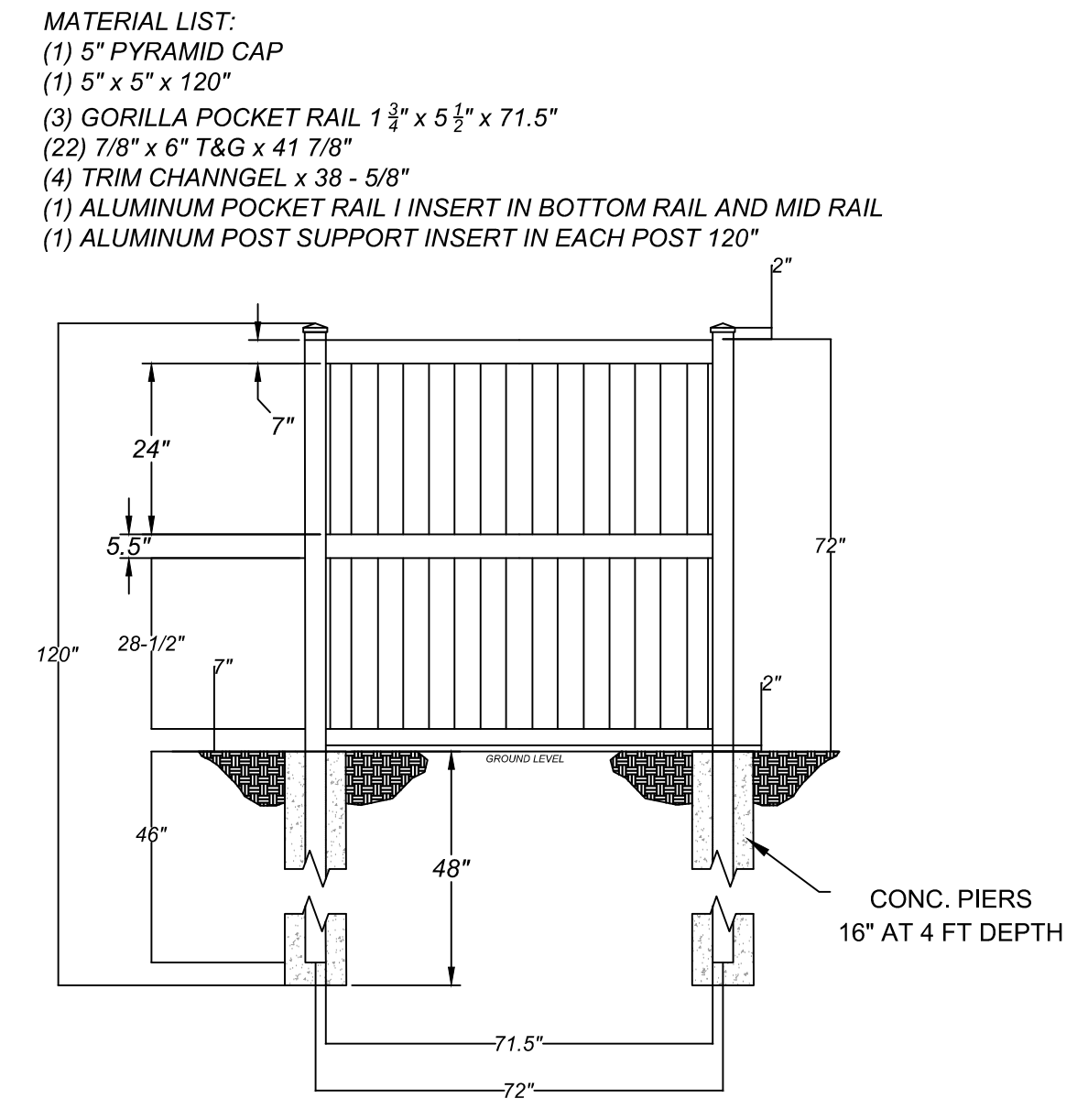
PV-19 REINFORCED CONCRETE WHEEL STOP
SCALE: N.T.S.



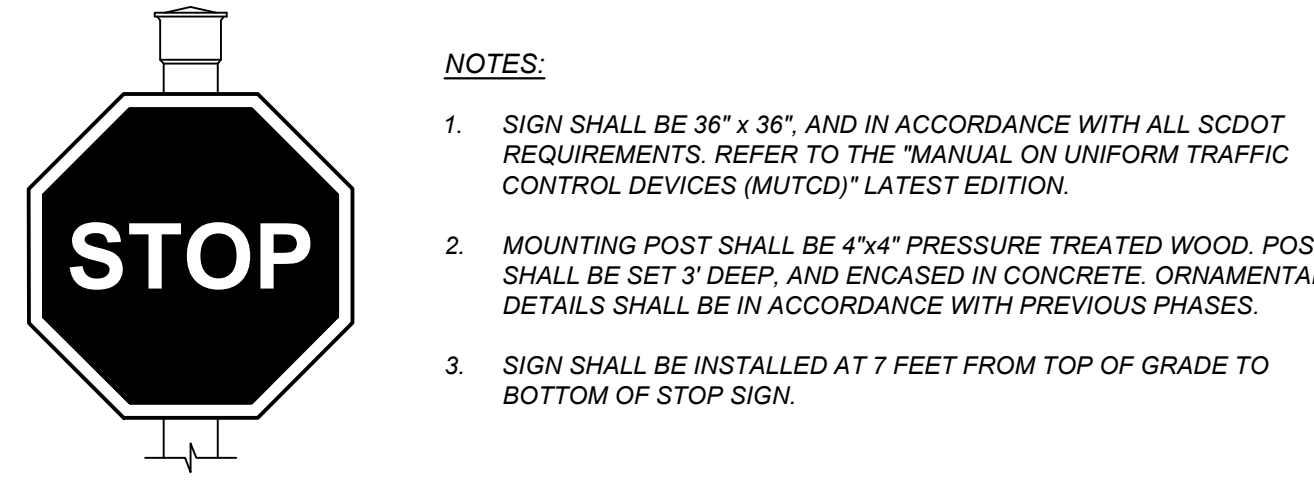
PV-3 HEAVY DUTY CONC. PAVEMENT SECTION FOR DUMPSTER PAD
SCALE: N.T.S.



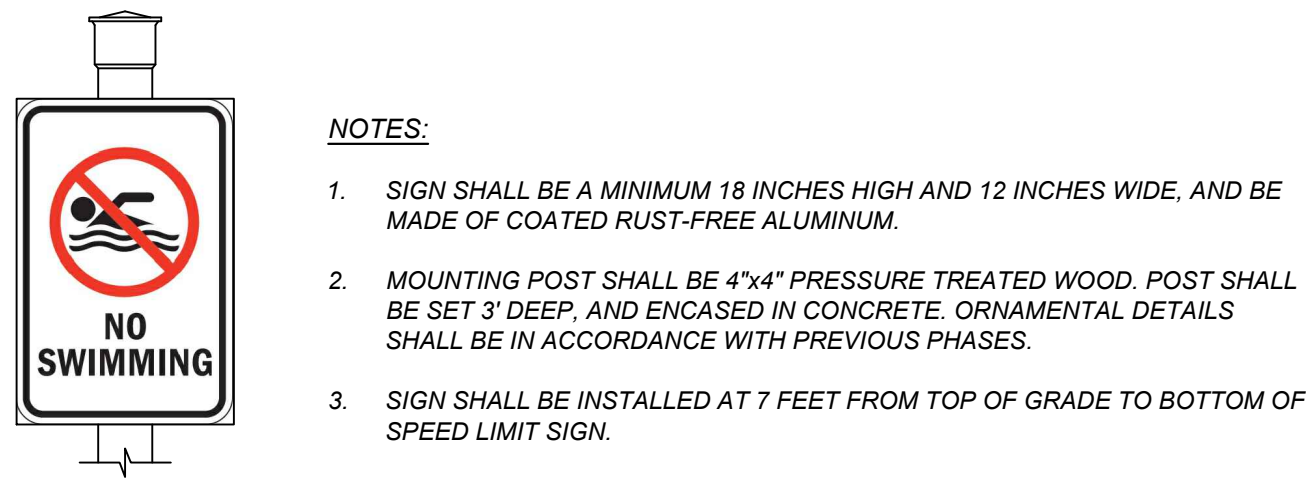
HC-1 HANDICAPPED POST MOUNTED SIGN DETAIL
SCALE: N.T.S.



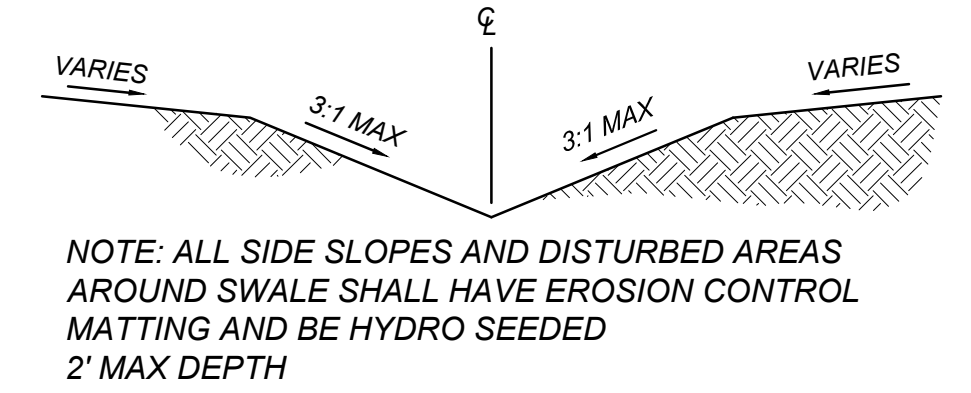
DP-2 DUMPSTER DETAIL
SCALE: N.T.S.



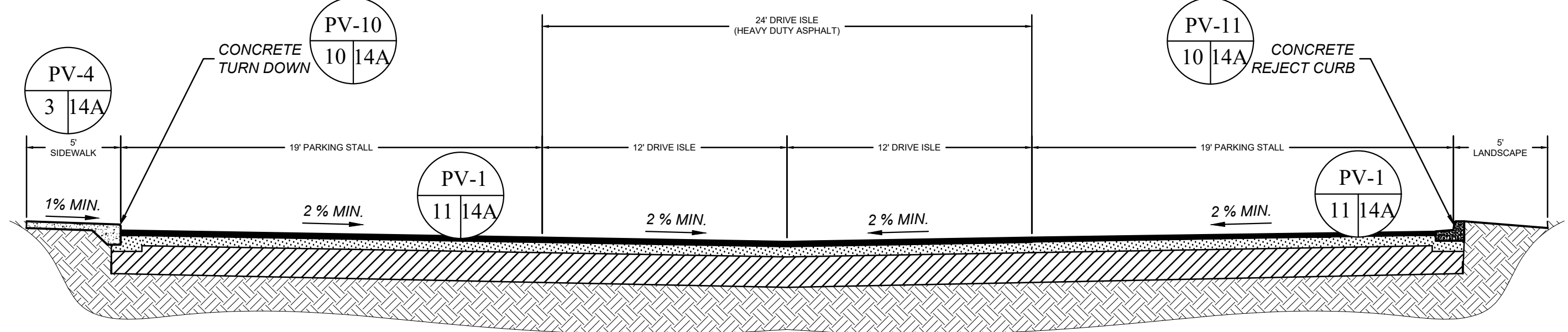
SN-2 STOP SIGN - "R1-1-36"
SCALE: N.T.S.



SN-3 NO SWIMMING SIGN
SCALE: N.T.S.

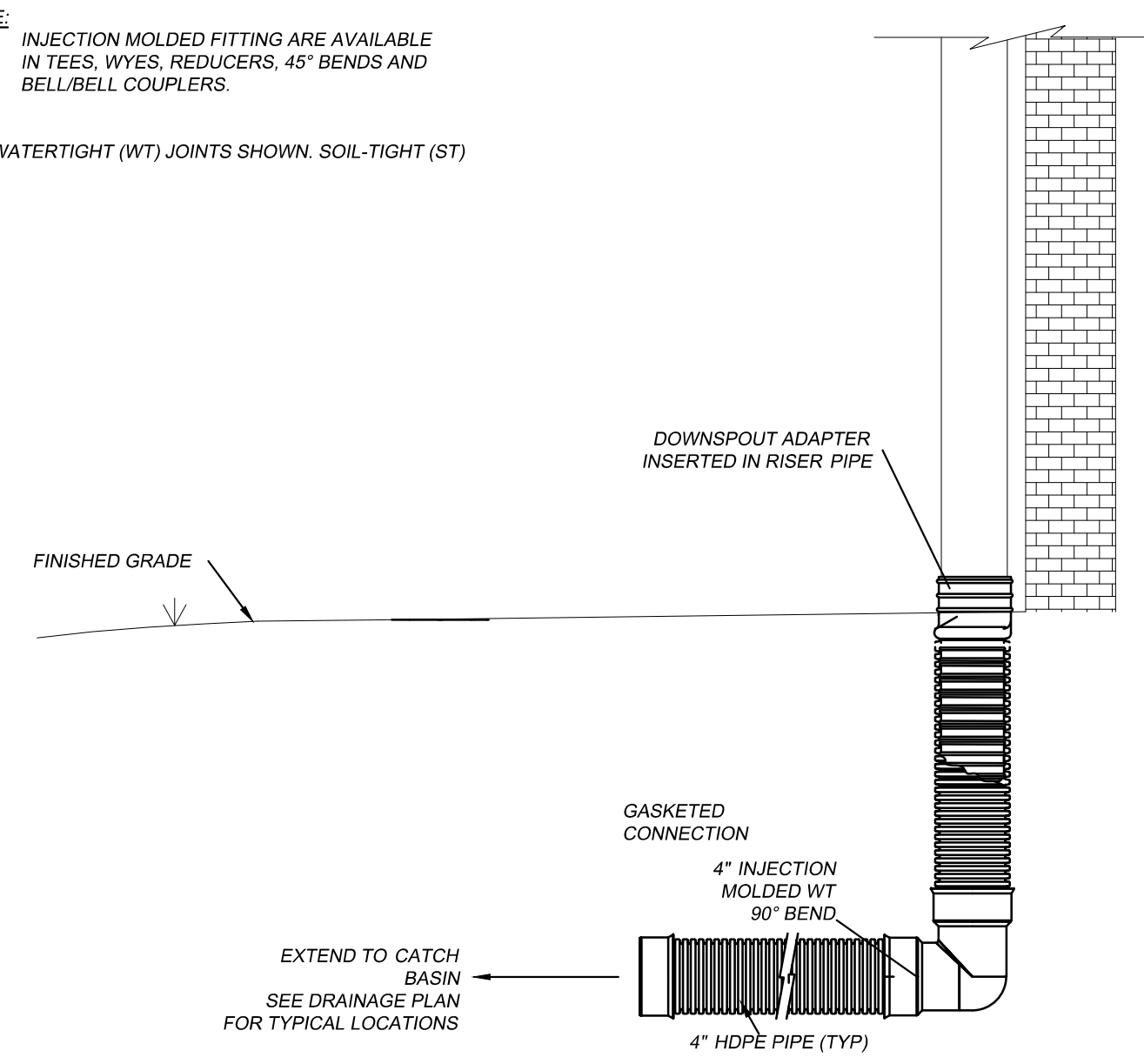


D-3 TYPICAL SWALE DETAIL
SCALE: N.T.S.

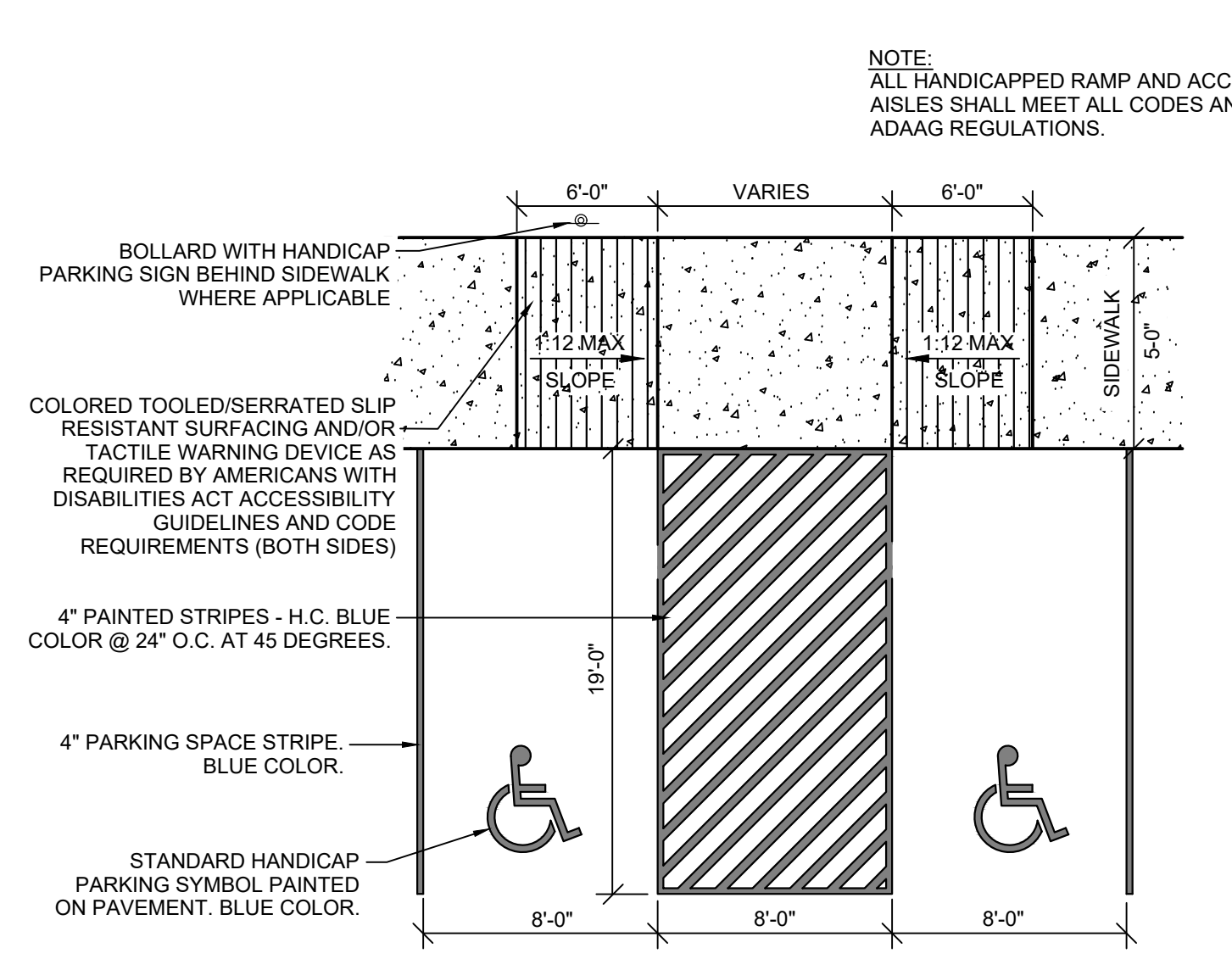


- NOTES:**
- ALL ROADWAY CONSTRUCTION MATERIALS MUST MEET SCDOT SPECIFICATIONS.
 - CONTACT SURFACES OF CURBING, GUTTERS, EDGES OF EXISTING PAVEMENT, MANHOLES, CATCH BASINS, ECT., SHALL BE PAINTED WITH A THIN, UNIFORM COATING OF ASPHALT MATERIAL JUST BEFORE THE ASPHALT MIXTURE IS PLACED.
 - SUB-GRADE MUST PASS PROOF ROLL INSPECTION PRIOR TO CURB PLACEMENT.
 - IN-SITU & IMPORTED SUITABLE SUBGRADE MATERIAL SHALL BE USED IN ALL FILL AREAS OF THE PAVEMENT SECTION AND ALL FILL MATERIAL SHALL BE FREE OF ANY ROOTS, ROCK OR OTHER DELETERIOUS MATERIAL AND SHALL BE PROOF ROLLED AND APPROVED PRIOR TO BASE PLACEMENT. TACK SHALL BE APPLIED BETWEEN LAYERS IF NOT PAVED IMMEDIATELY.

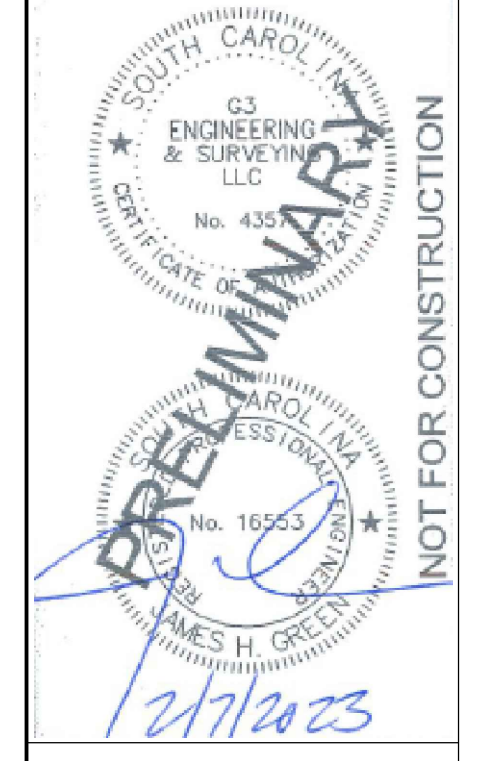
TS-1 TYPICAL DRIVEWAY SECTION
SCALE: N.T.S.



PV-20 DOWNSPOUT TIE-IN DETAIL
SCALE: N.T.S.



HC-2 HANDICAP RAMP AND PARKING DETAIL
SCALE: N.T.S.



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SCALE: NONE

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