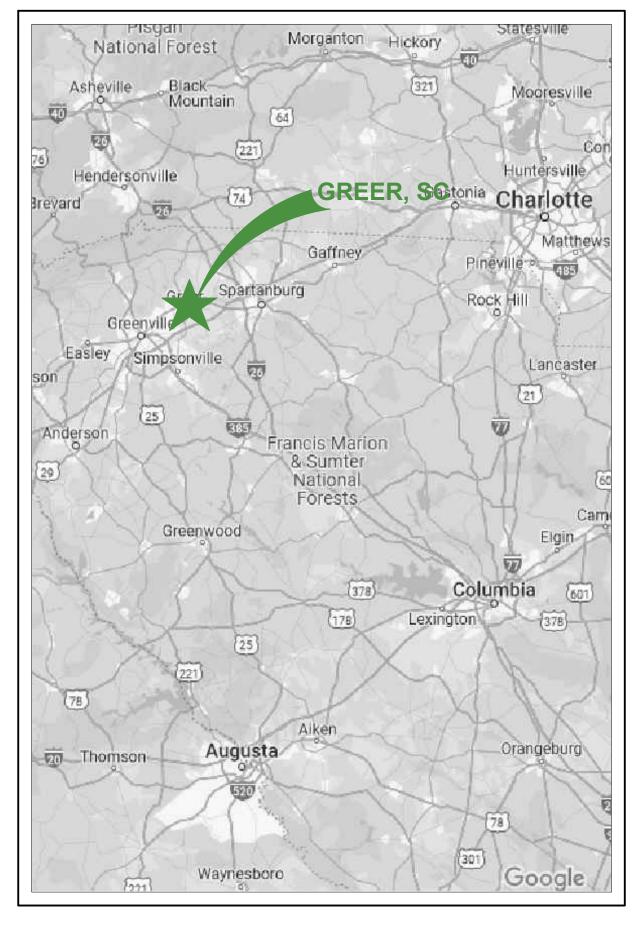
AIRPORT LOCATION MAP



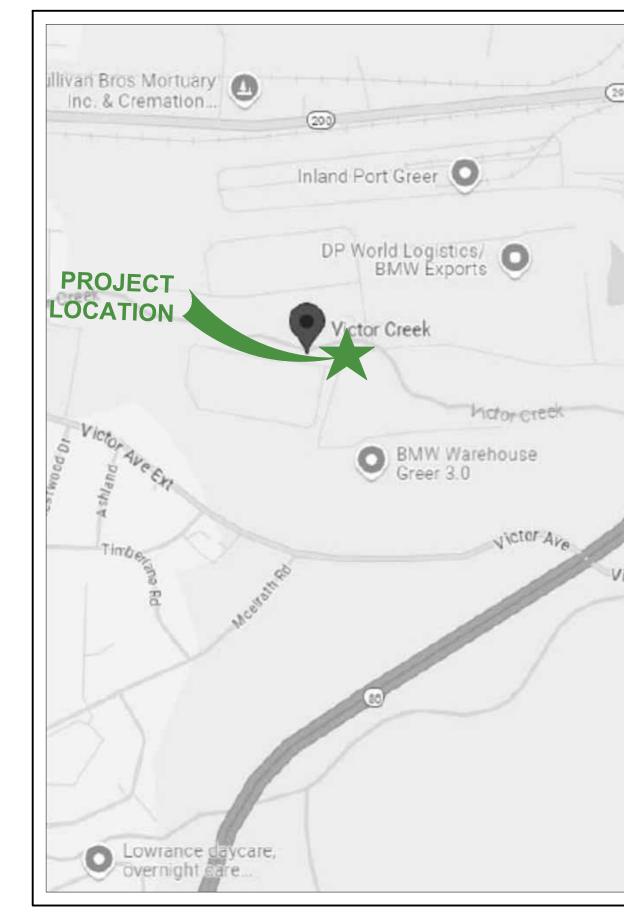
GREENVILLE-SPARTANBURG AIRPORT DISTRICT

2000 GSP DRIVE GREER, SC 29651 (864) 877 7426

VICTOR CREEK CULVERT & WALL IMPROVEMENTS

AS-BID APRIL 2025

AIRPORT VICINITY MAP



GSP PROJECT NO.: P00407

PARRISH & PARTNERS PROJECT NO.: 1659

PARRISH PARTNERS

PARRISH AND PARTNERS, LLC

140 STONERIDGE DRIVE, SUITE 500 COLUMBIA, SC 29210 803.978.1600 (OFFICE)











REVISIONS

NO.	DATE	DESCRIPTION	APPR

G-001
SHEET 1 OF 7

STANDARD NOTES

- 1. 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.
- 2. 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.
- 3. 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.
- 4. 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.
- 5. 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.
- 6. 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.
- 7. 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.
- 8. 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.
- 9. 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 WIRE BACKED AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
- 10. 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.
- 11. 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.
- 12. 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.
- 13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- 14. 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;
- 15. 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.).
- 16. 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.
- 17. 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.
- 18. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S 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.
- 19. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.
- 20. CONTRACTORS ARE REQUIRED TO HAVE RAIN GAUGES AT THE CONSTRUCTION SITE AND THE RAIN TOTALS DOCUMENTED FOR REVIEW BY SPARTANBURG COUNTY AND SCDES.
- 21.A PRE-CONSTRUCTION CONFERENCE MUST BE HELD WITH SPARTANBURG COUNTY AT LEAST 48 HOURS PRIOR TO BEGINNING ANY LAND DISTURBING ACTIVITIES. THE OWNER, DESIGN ENGINEER AND CONTRACTOR MUST BE PRESENT AND HAVE OBTAINED THE STORMWATER PERMIT, STAMPED APPROVED PLANS AND THE N.O.I APPROVAL LETTER FROM SCDHEC BEFORE CALLING SPARTANBURG COUNTY AT 864-595-5320 TO SCHEDULE THIS MEETING.

CONSTRUCTION SEQUENCE

ITEMS MUST OCCUR IN THE ORDER LISTED; ITEMS CANNOT OCCUR CONCURRENTLY UNLESS SPECIFICALLY NOTED.

- 1. RECEIVE APPROVAL FROM SPARTANBURG COUNTY.
- 2. CONDUCT PRE-CONSTRUCTION MEETING (ON-SITE) IF REQUIRED.
- 3. NOTIFY SPARTANBURG COUNTY 48 HOURS PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES.
- 4. INSTALL CONSTRUCTION ENTRANCE.
- 5. PERFORM CLEARING & GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS, REMOVE GRUBBED BRUSH AND DEBRIS FROM SITE.
- 6. INSTALL OF PERIMETER CONTROLS (E.G., SILT FENCE)
- 7. REMOVE AND DISPOSE EXISTING WALL.
- 8. PERFORM ROUGH GRADING.
- 9. INSTALL NEW WALL SYSTEM.

10.FINE GRADING, ETC.

11.PERMANENT/ FINAL STABILIZATION

12. AFTER CONCURRENCE FROM ENGINEER, REMOVAL OF TEMPORARY SEDIMENT & EROSION CONTROL MEASURES

13. SUBMIT NOTICE OF TERMINATION (NOT) TO DHEC AS APPROPRIATE.

DEMOLITION NOTES:

- 1. CONTRACTOR SHALL ESTABLISH FINAL GRADE ELEVATIONS FROM DRAWING NUMBER CP-101.
- 2. UTILITIES AND STRUCTURES TO REMAIN SHALL NOT BE DAMAGED DURING DEMOLITION OPERATIONS. ANY DAMAGE TO EXISTING ITEMS TO REMAIN SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- 3. CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE DURING DEMOLITION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER. TEMPORARY DRAINAGE SHALL HAVE THE SAME OR HIGHER CAPACITY THAN THAT OF EXISTING.
- 4. EXISTING SEGMENTAL BLOCK MSE WALL (HEADWALL) TO BE REMOVED FROM THE SITE SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. OFF-SITE DISPOSAL SHALL NOT BE MEASURED FOR SEPARATE PAYMENT.
- 5. CONTRACTOR SHALL ONLY PERFORM DEMOLITION WITHIN ACTIVE PHASE OF CONSTRUCTION, OR AS APPROVED BY ENGINEER.
- 6. CONTRACTOR TO LOCATE ALL UTILITIES IN THE PROJECT AREA PRIOR TO ANY DEMOLITION WORK. ANY DISCREPANCIES FOUND BY THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- 7. CONTRACTOR TO BE RESPONSIBLE FOR COORDINATING WITH ALL UTILITY PROVIDERS AS APPROPRIATE AND WITH OWNER FOR PRIVATE UTILITIES.
- 8. CONTRACTOR SHALL NOT INTERRUPT UTILITY SERVICE AT ANY TIME TO LOCAL USERS.
- 9. ALL ITEMS SHOWN AND LABELED TO BE REMOVED ON THIS PLAN SHALL BE REMOVED UNDER SECTION 202 "REMOVAL OF STRUCTURES AND OBSTRUCTIONS", UNLESS OTHERWISE NOTED.
- 10. THE ULTIMATE LIMITS OF DEMOLITION WILL BE MADE BY THE ENGINEER.
- 11.ITEMS NOT IDENTIFIED AS TO BE REMOVED MUST BE PRESERVED AND PROTECTED BY THE CONTRACTOR. ANY DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE OWNER.
- 12.ANY DEMOLITION THAT IMPACTS EXISTING PAVEMENTS MUST INCLUDE RESTORATION OF THE PAVEMENT TO PRE-CONSTRUCTION CONDITION OR BETTER. AS APPROVED BY OWNER.
- 13.ALL DEMOLITION ITEMS MUST BE DISPOSED OFF-SITE, IN ACCORDANCE WITH LAWS AND REGULATIONS, UNLESS OTHERWISE APPROVED BY OWNER.
- 14.CONTRACTOR IS TO PRESERVE AND PROTECT ALL EXISTING SANITARY SEWER LINES AND MANHOLES.
- 15.PRIOR TO REOPENING OF AN ROADWAY. THE CONSTRUCTION AREA SHALL BE RESTORED TO SMOOTH LINE AND GRADE.
- 16.CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING SIGNS, GUADRAIL, AND TREES DURING CONSTRUCTION. ANY DAMAGE IS THE CONTRACTORS RESPONSIBILITY TO REPAIR.
- 17.ANY AND ALL UTILITIES TAKEN OUT OF SERVICES OR FOUND TO BE ABANDONED IN PLACE SHALL BE REMOVED AND DISPOSED OF OFF-SITE.

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2000 GSP DRIVE GREER, SC 29651

PARRISH PARTNERS

PARRISH AND PARTNERS, LLC

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PARRISH AND PARTNERS, LLC

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PROJECT NAME

VICTOR CREEK CULVERT & WALL IMPROVEMENTS

STANDARD NOTES
AND SHEET INDEX

CONSULTING ENGINEERING FIRM



NGINEER OF RECORD



P8P PROJECT NO. P00407
P&P PROJECT NO. 1659
DATE PREPARED NOVEMBER 2024

G-002

SHEET 2 OF 7

GENERAL NOTES

- 1. THE CONTRACTOR SHALL BE REQUIRED TO CONDUCT WEEKLY CONSTRUCTION PROGRESS MEETINGS AS STATED IN THE CONTRACT WITH THE ENGINEER. ALL COORDINATION SHALL BE THROUGH THE ENGINEER. AGENDA ITEMS SHALL INCLUDE SCHEDULE PROGRESS AND CHANGES, OPERATIONAL SAFETY, SECURITY, TWO-WEEK LOOK AHEAD, AND MINUTES OF THE PREVIOUS MEETING.
- 2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST TWO WEEKS IN ADVANCE OF WORK REQUIRING IMPACT TO AIRPORT FACILITIES. THE ENGINEER AND DISTRICT SHALL COORDINATE THE IMPACTS WITH ALL STAKEHOLDERS. WORK SHALL BE SCHEDULED AND PLANNED TO MINIMIZE THE DURATION OF THE IMPACTS.
- 3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE STORAGE AND PROTECTION OF THEIR MATERIALS AND EQUIPMENT. TEMPORARY STORAGE FACILITIES AND FENCING IF NEEDED NECESSARY TO SECURE MATERIALS AND EQUIPMENT SHALL BE PAID FOR BY THE CONTRACTOR, NO ADDITIONAL PAYMENT WILL BE MADE.
- 4. THE CONTRACTOR SHALL PROVIDE LEGALLY PERMITTED UTILITY CONNECTIONS FOR THE DURATION OF THE CONTRACT. ALL COSTS ASSOCIATED WITH THESE CONNECTIONS SHALL BE BORNE BY THE CONTRACTOR. NO DIRECT PAYMENT SHALL BE MADE.
- 5. THE ENGINEER SHALL DESIGNATE LOCATIONS FOR THE STORAGE OF CONSTRUCTION EQUIPMENT AND VEHICLES DURING NON-WORKING HOURS.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A CLEAN WORK SITE AND SHALL BE RESPONSIBLE FOR THE CLEAN UP AND DISPOSAL OF TRASH AND DEBRIS GENERATED BY THEIR ACTIVITIES ON A DAILY BASIS. **NO BURNING WILL BE ALLOWED ONSITE** AND DEBRIS SHALL BE HAULED OFF AND DISPOSED OF OFFSITE BY LEGAL MEANS. TRASH CONTAINER WITHOUT LIDS MUST BE COVERED WITH TARP AND SECURED.
- 7. THE CONTRACTOR SHALL BE REQUIRED TO KEEP THE EXISTING ROADWAYS CLEAN AT ALL TIMES. CONTRACTOR SHALL BE REQUIRED TO PAY FOR ANY CLEANING OR REPAIRS TO VEHICLES, EQUIPMENT, OR FACILITIES AS A RESULT OF FAILURE TO CONTROL CONSTRUCTION DEBRIS.
- 8. CONTRACTOR IS TO PROVIDE VERIFICATION SURVEY AND CONSTRUCTION LAYOUT IN ACCORDANCE WITH THE PROJECT MANUAL. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE SURVEY AND ALL MEASUREMENTS NEEDED TO LAYOUT AND CONSTRUCT THE WORK TO TOLERANCES AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. ALL SURVEY WORK MUST BE PREPARED BY A SURVEYOR LICENSED TO PERFORM SURVEY WORK IN THE STATE IN WHICH THE PROJECT IS LOCATED.
- 9. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL BENCHMARKS, STAKES, AND LIMITS LINES. ANY DAMAGED STAKES OR LAYOUT ITEMS SHALL BE REPLACED IMMEDIATELY. ANY DEVIATIONS FROM THE PROJECT OR PHASE LIMITS FOR EACH PHASE MUST BE APPROVED BY THE ENGINEER.
- 10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING REQUIRED PERSONAL PROTECTION EQUIPMENT (PPE) TO THEIR EMPLOYEES THROUGHOUT THE PROJECT DURATION, AS REQUIRED BY THE CONTRACTOR'S SAFETY PLAN. SPECIAL ATTENTION IS DIRECTED TO WORK IN HIGH NOISE AREAS, SUCH AS THE AIRPORT. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT THEIR WORKFORCE (EMPLOYEES, SUBCONTRATORS, ETC.). ADDITIONALLY, THE CONTRACTOR IS FULLY RESPONSIBLE FOR COMPLIANCE WITH CURRENT OSHA STANDARDS AND APPLICABLE LAWS AND REGULATIONS PERTAINING TO ALL INDIVIDUALS CONDUCTING WORK ON OR ON BEHALF OF THE PROJECT.
- 11.CONTRACTOR SHALL BE AWARE OF, AND PROTECT ALL FACILITIES, DEVICES, AND EQUIPMENT IN THE VICINITY OF HIS WORK AREA. ANY DAMAGE TO LIGHTING, ELECTRICAL WIRING, OR OTHER INFRASTRUCTURE SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY. REPAIRS TO ANY DAMAGED ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 12.PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL PERFORM A SITE VISIT TO DETERMINE THE PRE-BID EXISTING CONDITIONS. IF ANY DISCREPANCIES ARE OBSERVED FROM THE INFORMATION PROVIDED IN THE PLANS, THE CONTRACTOR SHALL REPORT THEM TO THE ENGINEER PRIOR TO SUBMITTING A BID. ANY SITE IMPROVEMENTS NECESSARY TO SUPPORT CONTRACTOR MATERIALS OR EQUIPMENT SHALL BE PERFORMED AT THE CONTRACTOR'S EXPENSE.
- 13.PROJECT PAY ITEMS AS PROVIDED ON THE BID FORM ARE TO BE CONSIDERED INCLUSIVE OF ALL WORK TO BE PERFORMED TO COMPLETE EACH PAY ITEM. ANY WORK NOT IDENTIFIED WITH A SPECIFIC PAY ITEM SHALL BE CONSIDERED INCIDENTAL WORK REQUIRED TO COMPLETE THE PROJECT AND NO ADDITIONAL PAYMENT WILL BE MADE.
- 14.QUANTITIES SHOWN IN THE BID ARE APPROXIMATE AND ARE PROVIDED FOR THE PURPOSE OF BIDDING. QUANTITIES SHALL BE MEASURED IN THE FIELD AND PAID ACCORDING TO THE ACTUAL UNITS COMPLETED IN PLACE.
- 15.THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING STRICT COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS FOR ESTABLISHING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ABATEMENT OF POLLUTION AND SEDIMENTATION FROM DISTURBED AREAS AND MATERIAL STOCKPILES.
- 16.CONTRACTOR SHALL REVIEW, LOCATE, AND CLEARLY MARK ALL UTILITIES WITHIN THE WORK AREA PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL HAVE A SURVEY COMPLETED OF THE UTILITIES AND COORDINATE THIS EFFORT WITH THE ENGINEER.
- 17.IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACQUIRE ALL REQUIRED LOCAL AND STATE PERMITS NOT PROVIDED BY THE DISTRICT.
- 18.THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF HAZARDOUS WASTE IS ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CLEANUP OF HAZARDOUS MATERIALS GENERATED FROM CONSTRUCTION EQUIPMENT. PERSONNEL ONSITE SHALL BE TRAINED AND EQUIPPED TO CLEAN UP FUEL, HYDRAULIC FLUIDS, AND ANY OTHER HAZARDOUS SUBSTANCES USED IN THE PERFORMANCE OF WORK.
- 19.A FINAL INSPECTION WILL BE SCHEDULED PRIOR TO PROJECT ACCEPTANCE.
- 20.CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A LIST OF AFTER HOURS CONTACTS. THE LIST SHALL INCLUDE NAMES, TITLES AND CELL PHONE NUMBERS.
- 21.THE CONTRACTOR SHALL FOLLOW THE PHASING PLAN AS DESCRIBED IN THE PLANS. ANY CHANGES OR DEVIATIONS FROM THIS PLAN MAY REQUIRE REVIEW AND APPROVAL FROM THE ENGINEER.
- 22.ANY ITEM, MATERIAL, OR WORK SHOWN ON THE PLANS OR OTHERWISE NECESSARY FOR THE COMPLETION OF THE PROJECT THAT IS NOT SPECIFICALLY ACCOUNTED FOR WITH A SEPARATE PAY ITEM IN THE CONTRACT DOCUMENTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR SUCH ITEMS, AS THEY ARE ASSUMED TO BE INCLUDED WITHIN THE OVERALL SCOPE OF THE PROJECT.
- 23.THE CONTRACTOR SHALL RETURN ANY AREA OUTSIDE THE LIMIT OF DISTURBANCE TO ORIGINAL CONDITION OR BETTER WHICH WAS DAMAGED OR DISTURBED BY THE CONTRACTOR'S OPERATIONS DURING THE CONSTRUCTION PROCESS, AT NO ADDITIONAL COST TO THE PROJECT.

ACCESS AND SECURITY NOTES

- 1. REFERENCE THE AIRPORT DISTRICTS CONSTRUCTION SAFETY AND SECURITY MANUAL.
- 2. THE CONTRACTOR SECURITY OFFICER SHALL BE RESPONSIBLE FOR BRIEFING AND ENSURING ONSITE STAFF ARE KNOWLEDGEABLE OF SECURITY REQUIREMENTS, SHALL CONDUCT REGULAR SECURITY BRIEFINGS AND SHALL HAVE THE AUTHORITY TO IMMEDIATELY TAKE CORRECTIVE ACTIONS TO ELIMINATE AND PREVENT SECURITY DEFICIENCIES.
- 3. MATERIAL DELIVERIES SHALL BE MADE AT THE DESIGNATED CONTRACTOR ACCESS POINT. CONTRACTOR SHALL PROVIDE ESCORTS OR OTHER MEANS OF ENSURING MATERIALS ARE DELIVERED TO THE CORRECT LOCATIONS.
- 4. THE LIMITS OF CONSTRUCTION, MATERIAL STORAGE AREAS, CONTRACTOR PARKING AREAS, MAINTENANCE OF TRAFFIC, CONSTRUCTION SIGNAGE, AND ANY OTHER AREAS DESIGNATED FOR USE BY THE CONTRACTOR SHALL BE MARKED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. WHEN APPROVED BY THE ENGINEER, THE CONTRACTOR MAY ERECT FENCING AROUND THEIR DESIGNATED AREAS AT THEIR OWN EXPENSE.
- 5. THE CONTRACTOR THROUGH THEIR CONTRACTOR SECURITY OFFICER SHALL MAINTAIN A CURRENT LIST OF ALL CONTRACTOR AND SUBCONTRACTOR VEHICLES AUTHORIZED TO OPERATE ONSITE. SEE SAFETY NOTES FOR ADDITIONAL INFORMATION.
- 6. THE CONTRACTOR SHALL MAINTAIN A CURRENT LIST OF ALL EMPLOYEES AND SUBCONTRACTOR EMPLOYEE AUTHORIZED ON THE WORK SITE. COPIES OF THE LIST SHALL BE PROVIDED TO THE AIRPORT AND THE ENGINEER AND UPDATED WEEKLY.

SAFETY NOTES

- 1. THE CONTRACTOR SHALL OBTAIN CURRENT VERSIONS OF, ENSURE PROPER UNDERSTANDING OF, AND INCLUDE THE FOLLOWING SAFETY PROVISIONS INTO THE CONSTRUCTION PROJECT:
 - A. REFERENCE THE AIRPORT DISTRICTS CONSTRUCTION SAFETY AND SECURITY MANUAL
- 2. ROADWAYS SHALL BE KEPT FREE OF ALL DEBRIS, DIRT, ETC. AT ALL TIMES. ANY SPILLAGE OF EXCAVATION OR OTHER MATERIAL IS REQUIRED TO BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR WITH A MOTOR DRIVEN VACUUM SWEEPER AS REQUIRED BY THE DISTRICT. DAMAGES TO ROADWAY PAVEMENT SURFACES, CURB AND GUTTER, OR OTHER INFRASTRUCTURE SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXTRA COST TO THE PROJECT. A SCHEDULE OF REGULAR ROADWAY CLEANING WILL BE ARRANGED BY THE CONTRACTOR AND THE AIRPORT.
- 3. OPEN FLAME WELDING OR TORCH CUTTING OPERATIONS ARE PROHIBITED UNLESS APPROPRIATE FIRE AND SAFETY PRECAUTIONS HAVE BEEN ENGAGED AND NOTIFICATION TO DISTRICT.
- 4. THE CONTRACTOR SHALL AT ALL TIMES MANAGE THEIR CONSTRUCTION OPERATIONS AS SHOWN ON THE PROJECT LAYOUT SHEET, SAFETY PLANS, AND THE PHASING PLAN. THE CONTRACTOR IS REQUIRED TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE DISTRICT TO MINIMIZE ANY INTERFERENCE TO AIRPORT OPERATIONS DURING CONSTRUCTION OF THE PROJECT.
- 5. CONSTRUCTION DURING THE PROJECT MAY BE STOPPED AT ANY TIME BY AIRPORT STAFF OR ENGINEER IF IT IS DETERMINED TO BE IN THE BEST INTEREST OF AIRPORT ACTIVITIES, SAFETY OR SECURITY. THE CONTRACTOR MAY BE INSTRUCTED TO REMOVE EQUIPMENT AND/OR EVACUATE THE SITE IF CONSIDERED NECESSARY BY THE DISTRICT. EXTENSIONS IN CONTRACT TIME MAY BE GRANTED OR A STOP WORK ORDER WILL BE ISSUED DUE TO THESE DELAYS BUT THERE WILL BE NO ADJUSTMENTS IN CONTRACT PRICE DUE TO THESE WORK STOPPAGES.
- 6. UPON THE DISCOVERY OF ANY LINES, PIPES OR CONDUITS THAT HAVE NOT BEEN PREVIOUSLY IDENTIFIED, THE CONTRACTOR SHALL IMMEDIATELY STOP EXCAVATION AND CONTACT THE ENGINEER. EXCAVATION WILL NOT CONTINUE UNTIL THE ITEM IS IDENTIFIED AND/OR APPROVAL TO CONTINUE IS RECEIVED BY THE PROJECT MANAGER AND AIRPORT OPERATIONS.
- 7. THE CONTRACTOR IS REQUIRED TO PROVIDE AT LEAST ONE PERSON TO BE ON CALL 24-HOURS A DAY FOR EMERGENCY MAINTENANCE OF BARRICADES AND EMERGENCY REPAIRS OF PROJECT RELATED WORK. THE CONTRACTOR IS REQUIRED TO PROVIDE THIS INFORMATION IN THE SECURITY PLAN AND FILE THE CONTACT PERSON(S) NAME WITH AIRPORT OPERATIONS.
- 8. PAYMENT OF ALL FINES ASSESSED TO THE AIRPORT AUTHORITY AS A RESULT OF VIOLATIONS OF FAA OR OTHER LOCAL, STATE, FEDERAL, SAFETY, OR ENVIRONMENTAL AGENCY REQUIREMENTS BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE PRIME CONTRACTOR.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION SIGNAGE THAT MAY BE REQUIRED BY LOCAL, STATE AND FEDERAL AUTHORITIES AND NO ADDITIONAL COMPENSATION WILL BE MADE FOR THIS ITEM.
- 10.THE CONTRACTOR IS RESPONSIBLE FOR CERTIFYING THAT ALL MOTOR VEHICLE OPERATORS (PRIVATE OR CONTRACTOR) HAVE APPROPRIATE VEHICLE INSURANCE, THAT ALL OPERATORS HAVE CURRENT AND VALID DRIVERS LICENSE (CURRENT ISSUE).
- 11.ALL FOOD WASTE, WRAPPERS, AND CONTAINERS SHALL BE REMOVED FROM THE PROJECT SITE DAILY TO MINIMIZE WILDLIFE ATTRACTANTS. ALL DUMPSTER'S AND TRASH RECEPTACLES WILL REMAIN COVERED AT ALL TIMES.
- 12.CONTRACTOR MUST COMPLY WITH GSP CONSTRUCTION SAFETY AND SECURITY GUIDELINES, WHERE APPLICABLE.
- 13.THE CONTRACTOR IS TO PHOTOGRAPH ALL AREAS IN AND AROUND THE WORK AREAS, STAGING AREA, HAUL ROUTE, ETC., PRIOR TO THE START OF CONSTRUCTION TO DOCUMENT ALL EXISTING CONDITIONS. A COPY OF THE PHOTOGRAPHS SHALL BE PROVIDED TO THE ENGINEER PRIOR TO THE START OF CONSTRUCTION TO UNSURE ALL AREAS HAVE BEEN PROPERLY DOCUMENTED.

STORAGE, STAGING, AND HAUL REQUIREMENTS

- 1. THE CONTRACTOR SHALL LIMIT STORAGE, LAYDOWN, AND STAGING AREAS TO THE LOCATIONS SHOWN ON THE PLANS. ANY DEVIATION FROM THE AREAS IDENTIFIED MUST BE APPROVED IN WRITING BY THE ENGINEER AND DISTRICT.
- 2. THE CONTRACTOR SHALL PAY ALL COSTS ASSOCIATED WITH SETUP OF THE STORAGE AND STAGING AREAS TO INCLUDE TEMPORARY FENCING, CLEARING, GRADING AND ANY TEMPORARY UTILITIES. THE CONTRACTOR SHALL ALSO PAY ALL COSTS ASSOCIATED WITH RESTORING THE SITE TO ITS ORIGINAL CONDITION OR BETTER PRIOR TO PROJECT CLOSEOUT.
- 3. ONLY ROADS AND ROUTES DESIGNATED IN THE PLANS SHALL BE USED FOR HAUL OPERATIONS. THE CONTRACTOR SHALL LIMIT ALL CONSTRUCTION EQUIPMENT, MATERIAL DELIVERY, AND VEHICLE OPERATIONS TO THOSE DESIGNATED ROUTES. NO DEBRIS SHALL BE ALLOWED ON THE ROADWAYS. THE CONTRACTOR SHALL KEEP PAVED AREAS AND ADJACENT ROADWAYS IN GOOD REPAIR AND CLEAN WITH A VACUUM SWEEPER.
- 4. THE CONTRACTOR SHALL RESTORE ALL AIRPORT SERVICE ROADS, PAVEMENTS, AND OFF AIRPORT ROADWAYS TO THEIR ORIGINAL CONDITION OR BETTER UPON COMPLETION OF THE PROJECT. THE CONTRACTOR IS REQUIRED TO DOCUMENT ANY EXISTING DAMAGE WITH LOCATIONS AND DESCRIPTIONS PRIOR TO START OF CONSTRUCTION. A PRE-CONSTRUCTION VIDEO/PHOTOGRAPHIC SURVEY WILL BE PREPARED BY THE CONTRACTOR AND PROVIDED TO THE DISTRICT PRIOR TO ANY WORK BEING PERFORMED. THE RPR WILL ALSO CONDUCT A WALK THROUGH WITH THE CONTRACTOR TO VERIFY EXISTING DAMAGES. UPON START OF CONSTRUCTION THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES NOT RECORDED.
- 5. UNPAVED STAGING AREAS, HAUL ROUTES, ETC. WILL BE RESTORED TO ORIGINAL CONDITION (MAY BE SOD). NO ADDITIONAL PAY WILL BE GRANTED FOR SITE RESTORATION BEYOND THE LIMITS IDENTIFIED ON THE PLANS.
- 6. NO MATERIALS OR EQUIPMENT SHALL BE STOCKPILED IN A MANNER TO PENETRATE ANY PROTECTED AIRSPACE AROUND PAVEMENT SURFACES.
- 7. WASHING OUT OF CONCRETE TRUCKS (OR OTHER EQUIPMENT) IS NOT PERMITTED ON THE PROJECT SITE. ALL SPOILS SHALL BE DISPOSED OF OFF SITE IN A MANNER COMPLIANT WITH ALL APPLICABLE LAWS, RULES, REGULATIONS, ETC. THIS IS THE CONTRACTOR'S RESPONSIBILITY. PORTA-JOHN(S) AND DEBRIS CONTAINER(S) SHALL BE LOCATED WITHIN DESIGNATED STAGING AREAS AND PROPERLY MAINTAINED IN A MANNER COMPLIANT WITH ALL APPLICABLE LAWS, RULES, REGULATIONS, ETC.

PROJECT CONTACTS					
DISTRICT					
NAME	JOSH WALDREP				
COMPANY	GREENVILLE-SPARTANBURG AIRPORT DISTRICT				
ADDRESS	1850 GSP DRIVE, BUILDING 1 GREER, SC 29651				
PHONE	864.848.6244				
EMAIL JWALDREP@GSPAIRPORT.COM					
	ENGINEER				
COMPANY	PARRISH AND PARTNERS, LLC				
ADDRESS	140 STONERIDGE DRIVE, SUITE 500 COLUMBIA, SC 29210				
PHONE	803.978.1600				
EMAIL	DALEXANDER@PARRISHANDPARTNERS.COM				

CONTRACT INFORMATION				
TOTAL CONTRACT TIME	120 CALENDAR DAYS			
LIQUIDATED DAMAGES	TBD			



GREENVILLE-SPARTANBURG AIRPORT DISTRICT 2000 GSP DRIVE GREER, SC 29651

PARRISH PARTNERS PARRISH AND PARTNERS, LLC							
	APPR						
REVISIONS	DESCRIPTION						
	DATE						
	NO.						

MWB

QC REVIEWER

MDA

PROJECT NAME

VICTOR CREEK CULVERT & WALL IMPROVEMENTS

SHEET NAME

GENERAL NOTES

CONSULTING ENGINEERING FIRM



ENGINEER OF RECORD



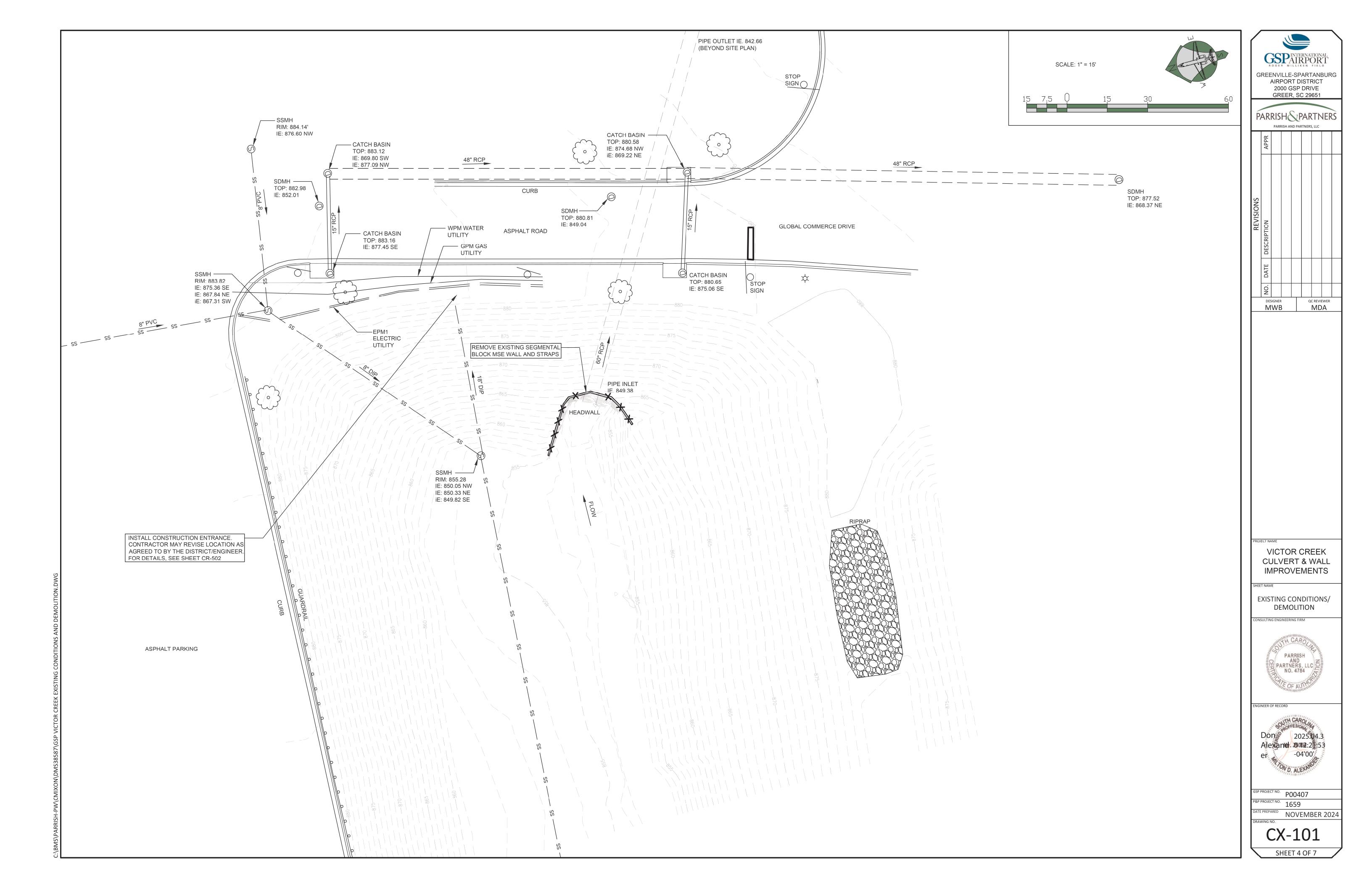
SP PROJECT NO. P00407

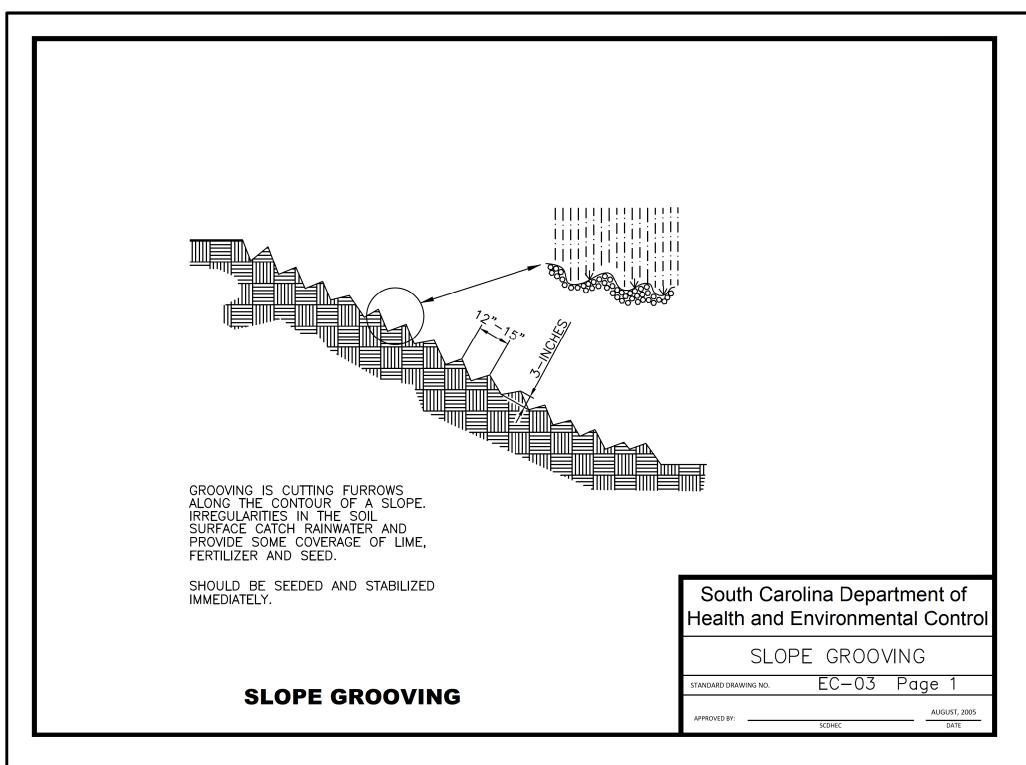
DATE PREPARED NOVEMBER 2024

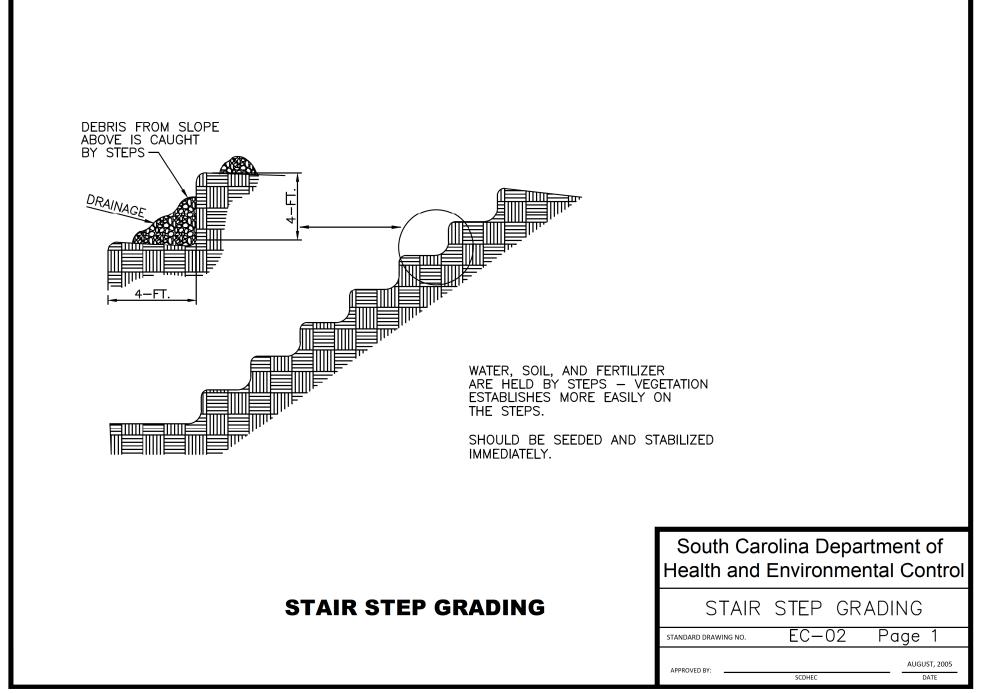
DRAWING NO

C-101

SHEET 3 OF 7







MIN. "A"

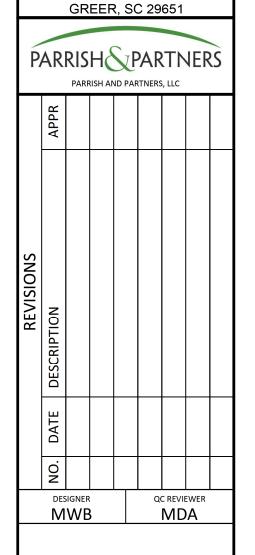
8"

10"

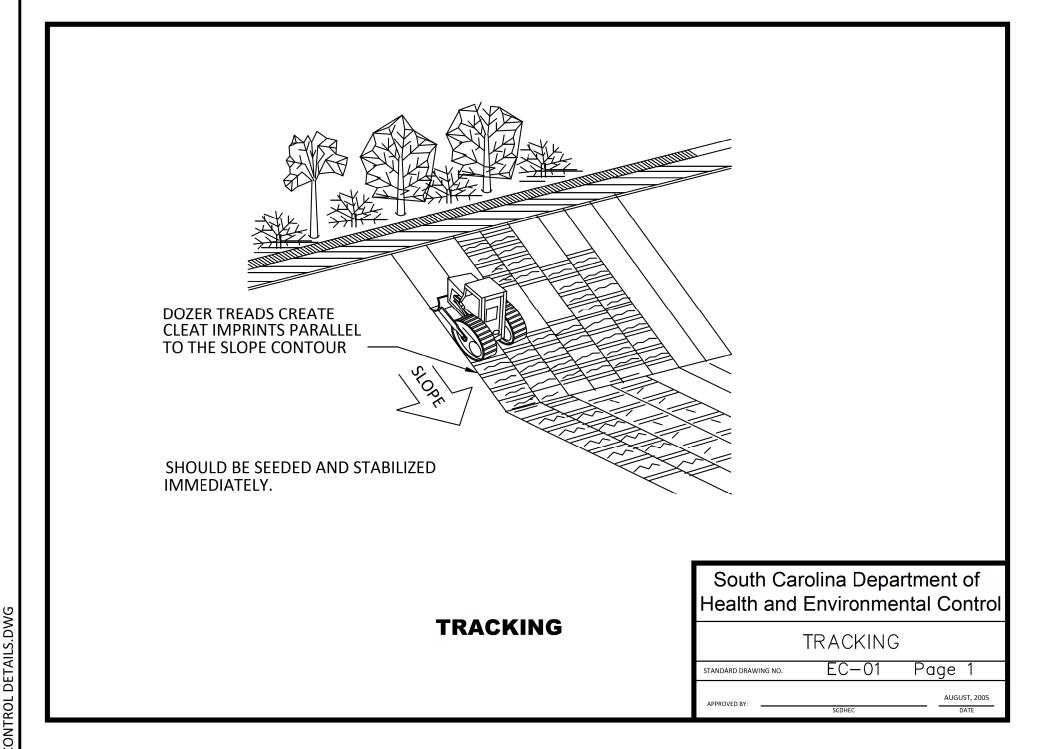
12"

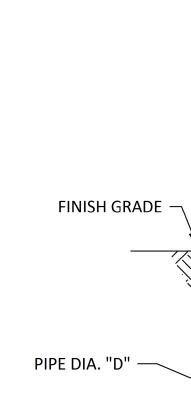
15"

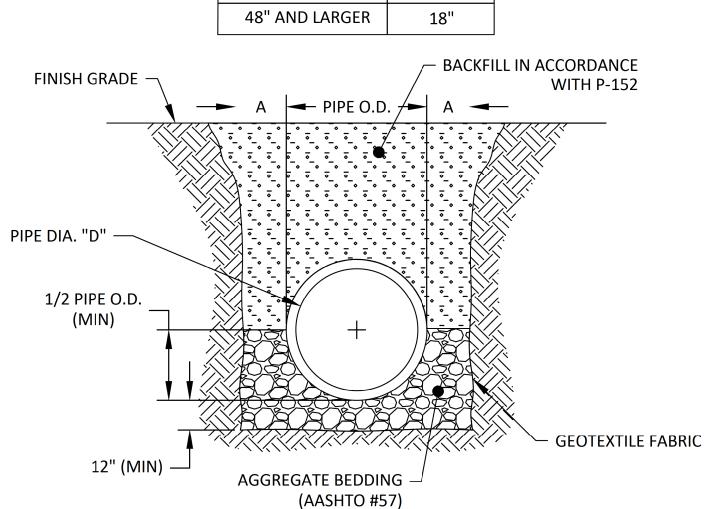
SLOPE GROOVING AND STAIR STEPPING GRADING IS GRADING METHOD AND SHOULD BE CONSIDERED TEMPORARY. FINAL TOP OF SURFACE SHALL BE SMOOTH.



GREENVILLE-SPARTANBURG AIRPORT DISTRICT 2000 GSP DRIVE







PIPE DIA. "D"

15" & LESS

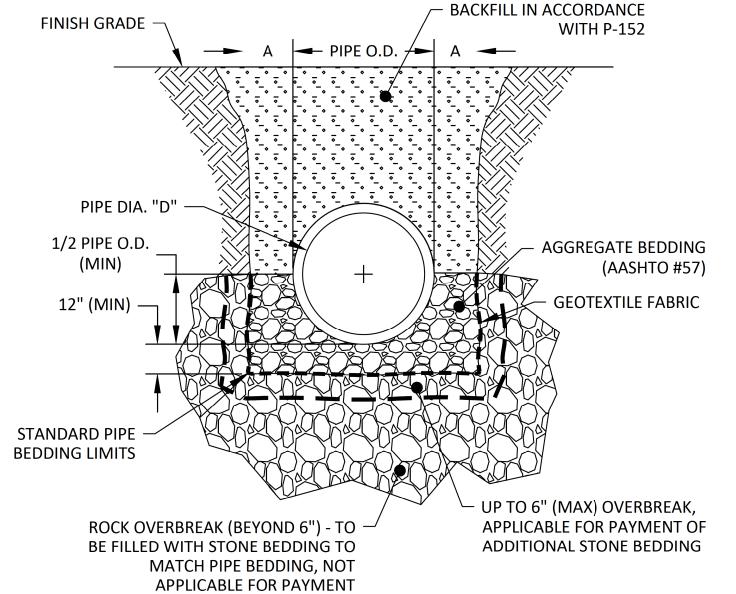
18" TO 21"

24" TO 30"

33" TO 42"

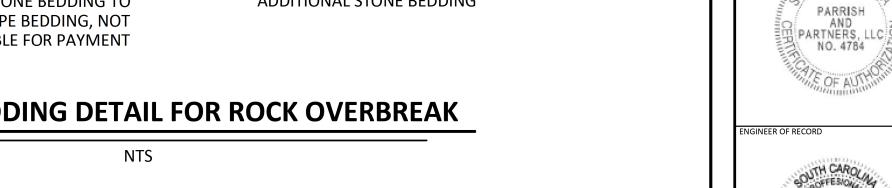
CLASS "B" BEDDING DETAIL

1. WEEP HOLES SHALL BE INSTALLED AT THE BASE OF THE BEDDING STONE AT TIE-IN TO STRUCTURES TO DRAIN THE STONE.



CLASS "B" BEDDING DETAIL FOR ROCK OVERBREAK

- 1. WEEP HOLES SHALL BE INSTALLED AT THE BASE OF THE BEDDING STONE
- AT TIE-IN TO STRUCTURES TO DRAIN THE STONE.
- 2. CLASS B BEDDING SHALL BE APPLIED IN ALL AREAS WHERE ROCK IS ENCOUNTERED DURING THE PIPE TRENCHING OPERATIONS.
- 3. IN AREAS OF ROCK EXCAVATION FOR PIPE TRENCHING, THE TRENCH WIDTH AND DEPTH BEYOND THE ALLOWABLE 6" OVERBREAK TOLERANCE SHALL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TRENCH BEDDING DETAIL SHOWN ABOVE.



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PROJECT NAME

VICTOR CREEK

CULVERT & WALL

IMPROVEMENTS

EROSION CONTROL

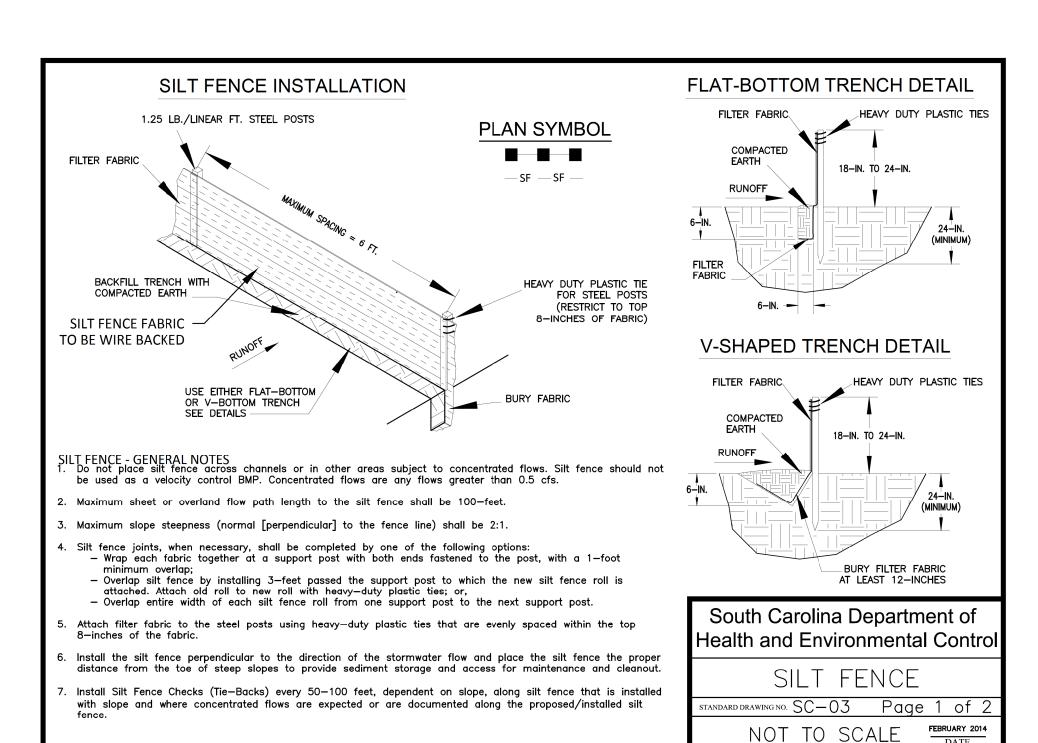
DETAILS

GSP PROJECT NO. P00407 1659 NOVEMBER 2024

CR-501

SHEET 5 OF 7

* ALL INFORMATION ON THIS SHEET IS FROM SCDHEC.



SILT FENCE - POST REQUIREMENTS

1. Silt Fence posts must be 48-inch long steel posts that meet, at a minimum, the following physical characteristics. - Composed of a high strength steel with a minimum yield strength of - Include a standard "T" section with a nominal face width of 1.38-inches and a nominal "T" length of 1.48—inches. - Weigh 1.25 pounds per foot (± 8%)

Posts shall be equipped with projections to aid in fastening of filter fabric. Steel posts may need to have a metal soil stabilization plate welded near the bottom when installed along steep slopes or installed in loose soils. The plate should have a minimum cross section of 17-square inches and be composed of 15 gauge steel, at a minimum. The metal soil stabilization plate should be

Install posts to a minimum of 24-inches. A minimum height of 1- to 2inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.

. Post spacing shall be at a maximum of 6—feet on center.

SILT FENCE - FABRIC REQUIREMENTS

Silt fence must be composed of woven geotextile filter fabric that consists of Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are formed.

into a network such that the filaments or yarns retain dimensional stability - Free of any treatment or coating which might adversely alter its physical properties after installation - Free of any defects or flaws that significantly affect its physical and/or filtering properties; and, - Have a minimum width of 36-inches.

Use only fabric appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #34, meeting the requirements of the most current edition of the SC DOT Standard Specifications for Highway Construction.

. 12—inches of the fabric should be placed within excavated trench and toed in when the trench is backfilled Filter Fabric shall be purchased in continuous rolls and cut to the length of

. Filter Fabric shall be installed at a minimum of 24—inches above the ground.

SILT FENCE - INSPECTION & MAINTENANCE

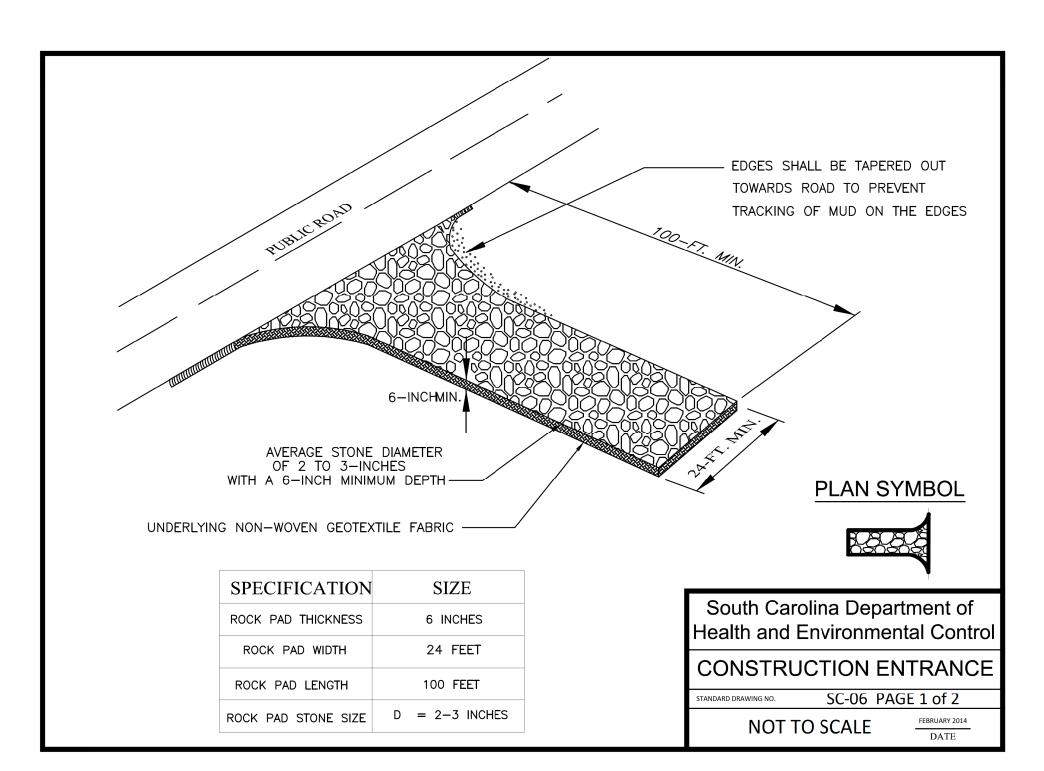
- 1. The key to functional silt fence is weekly inspections, routine maintenance, and
- 2. Regular inspections of silt fence shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.
- 3. Attention to sediment accumulations along the silt fence is extremely important. Accumulated sediment should be continually monitored and removed when
- Remove accumulated sediment when it reaches 1/3 the height of the silt
- 5. Removed sediment shall be placed in stockpile storage areas or spread thinly
- Check for greas where stormwater runoff has eroded a channel beneath the silt fence, or where the fence has sagged or collapsed due to runoff overtopping the silt fence. Install checks/tie-backs and/or reinstall silt fence,
- 7. Check for tears within the silt fence, areas where silt fence has begun to decompose, and for any other circumstance that may render the silt fence ineffective. Removed damaged silt fence and reinstall new silt fence
- 8. Silt fence should be removed within 30 days after final stabilization is achieved and once it is removed, the resulting disturbed area shall be permanently

South Carolina Department of Health and Environmental Control

SILT FENCE

SC-03 PAGE 2 of 2

GENERAL NOTES



CONSTRUCTION ENTRANCE - GENERAL NOTES

Stabilized construction entrances should be used at all points where traffic will egress/ingress a construction site onto a public road or any impervious surfaces, such as parking lots.

3. Install a culvert pipe across the entrance when needed to

2. Install a non-woven geotextile fabric prior to placing any

- provide positive drainage. 4. 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
- 6. The edges of the entrance shall be tapered out towards the
- Divert all surface runoff and drainage from the stone pad to a sediment trap or basin or other sediment trapping structure.
- 8. Limestone may not be used for the stone pad.

accommodate site constraints.

CONSTR. ENTRANCE - INSPECTION & MAINTENANCE

- 1. The key to functional construction entrances is weekly inspections, routine maintenance, and regular sediment removal.
- 2. Regular inspections of construction entrances shall be conducted once every calendar week and, as recommended, within 24—hours after each rainfall even that produces 1/2—inch or more of precipitation.
- 3. During regular inspections, check for mud and sediment buildup and pad integrity. Inspection frequencies may need to be more frequent during long periods of wet weather.
- 4. Reshape the stone pad as necessary for drainage and runoff
- 5. Wash or replace stones as needed and as directed by site inspector. The stone in the entrance should be washed or replaced whenever the entrance fails to reduce the amount of mud being carried off—site by vehicles. Frequent washing will extend the useful life of stone pad.
- 6. Immediately remove mud and sediment tracked or washed onto adjacent impervious surfaces by brushing or sweeping. Flushing should only be used when the water can be discharged to a sediment trap or basin.
- 7. During maintenance activities, any broken pavement should be repaired immediately.
- 8. Construction entrances should be removed after the site has reached final stabilization. Permanent vegetation should replace areas from which construction entrances have been removed, unless area will be converted to an impervious surface to serve post-construction.

South Carolina Department of Health and Environmental Control

CONSTRUCTION ENTRANCE

tandard drawing no. SC-06 PAGE 2 of 2

GENERAL NOTES

GSPAIRPORT GREENVILLE-SPARTANBURG AIRPORT DISTRICT 2000 GSP DRIVE GREER, SC 29651 PARRISH PARTNERS MDA MWB PROJECT NAME

VICTOR CREEK **CULVERT & WALL IMPROVEMENTS**

EROSION CONTROL DETAILS





P00407

P&P PROJECT NO. 1659 **NOVEMBER 2024**

SHEET 6 OF 7

CR-502

* ALL INFORMATION ON THIS SHEET IS FROM SCDHEC.

