

VICINITY MAP

INDEX

Table with 2 columns: SHEET NO. and DESCRIPTION. Rows include C100 COVER & NOTES, C200 EXISTING CONDITIONS, C300 SITE PLAN, C500 GRADING & EROSION CONTROL PLAN, C600 LANDSCAPE PLAN, C700 SITE DETAILS, C701 EROSION CONTROL DETAILS, C702 UTILITY DETAILS, C703 LANDSCAPING DETAILS, C800 SCDOT ENCROACHMENT.

DEVELOPMENT STANDARDS:

Table with 3 columns: ITEM, REQUIRED, PROVIDED. Rows include LOT AREA, SITE AREA, LOT WIDTH @ FRONT BLDG. SETBACK, STREET FRONTAGE, FRONT SETBACK, SIDE SETBACK, REAR SETBACK, DISTANCE BETWEEN BLDG'S, IMPERVIOUS SURFACE RATIO, IMPERVIOUS SURFACE AREA, UNITS/ACRE, BUILDING HEIGHT.

Table with 3 columns: PRINCIPLE USE, FACTOR, PARKING REQUIRED. Rows include STORAGE, VAN ACCESSIBLE HC (16x20), HANDICAPPED (13x20), PARALLEL (9x24), STANDARD (9x19), COMPACT (8.5x19), TOTAL SPACES.

Table with 3 columns: ITEM, REQUIRED, PROVIDED. Rows include VAN ACCESSIBLE HC (16x20), HANDICAPPED (13x20), PARALLEL (9x24), STANDARD (9x19), COMPACT (8.5x19), TOTAL SPACES, INTERIOR LANDSCAPING RATIO, INTERIOR LANDSCAPING AREA, LIGHTING, SURFACE.

Table with 4 columns: PROPOSED USE, ADJOINING USE, LANDSCAPED YARD (REQUIRED, PROVIDED). Rows include STORAGE, ROADS, INDUSTRIAL/COMMERCIAL.

GENERAL NOTES:

DEVELOPER: (SAME AS OWNER)
PROPERTY OWNER: SKYRISE INVESTMENT INC
1005 RICHLAND ST
1005 RICHLAND ST ROCK HILL, SC US
PHONE NUMBER ??????
DEED BOOK 20493; PAGE 336
PLAT BOOK E399; PAGE 8
PERSON RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING STORMWATER MANAGEMENT & SEDIMENT REDUCTION PLAN: (SAME AS DEVELOPER)
TAX PARCEL NUMBER: 596-02-02-040
ZONING DISTRICT: IH
EXISTING STRUCTURES: (SEE PLAN)
PROPOSED STRUCTURES: NONE
EASEMENTS: (SEE PLAN)
RIGHTS-OF-WAY: (SEE PLAN)
DRAINAGE WAYS: (SEE PLAN)
FLOODWAYS: (SEE PLAN)
WETLANDS: PROJECT WILL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING PRESERVATION OF WETLANDS.
SIGNAGE: TO BE PERMITTED SEPARATELY
ROAD IMPROVEMENTS: NO ROAD IMPROVEMENTS PROPOSED
ON SITE WASTE DISPOSAL: NO WASTE TO BE BURIED ON SITE
CONSTRUCTION TO BEGIN APPROXIMATELY AS PER THE FOLLOWING SCHEDULE:
BEGIN: APRIL 2023
END: FEBRUARY 2024

EROSION CONTROL 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.
a) WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
b) 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 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 ANY SEDIMENTS 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 CANT 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.
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, INSPECTION 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 (OH:IV 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: a) WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL; b) WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS; c) FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE; AND d) 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.

CONSTRUCTION SEQUENCE

- 1. RECEIVE NPDES COVERAGE FROM DHEC.
2. CONTACT THE SEDIMENT AND EROSION CONTROL INSPECTOR AT 803-909-7157 TO SET UP A PRELIMINARY CONSTRUCTION MEETING 48 HOURS PRIOR TO STARTING WORK.
3. INSTALLATION OF CONSTRUCTION ENTRANCE(S).
4. CLEARING & GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
5. INSTALLATION OF PERIMETER CONTROLS (E.G. SILT FENCE).
6. CLEARING & GRUBBING ONLY IN AREAS OF BASINS/ TRAPS/ PONDS.
7. INSTALLATION OF BASINS/ TRAPS/ PONDS AND INSTALLATION OF DIVERSIONS TO THOSE STRUCTURES (OUTLET STRUCTURES MUST BE COMPLETELY INSTALLED AS SHOWN ON THE DETAILS BEFORE PROCEEDING TO NEXT STEP. AREAS DRAINING TO THESE STRUCTURES CAN NOT BE DISTURBED UNTIL THE STRUCTURES AND DIVERSIONS TO THE STRUCTURES ARE COMPLETELY INSTALLED).
9. CLEARING & GRUBBING OF SITE DEMOLITION (SEDIMENT & EROSION CONTROL MEASURES FOR THESE MUST ALREADY BE INSTALLED).
10. ROUGH GRADING.
11. INSTALLATION OF STORM DRAIN SYSTEM AND PLACEMENT OF INLET PROTECTION AS EACH INLET IS INSTALLED.
12. FINE GRADING, PAVING, ETC.
13. PERMANENT FINAL STABILIZATION.
14. CLEAN-OUT OF DETENTION BASINS THAT WERE USED AS SEDIMENT CONTROL STRUCTURES AND RE-GRADING OF DETENTION POND BOTTOMS; IF NECESSARY, MODIFICATION OF SEDIMENT BASIN RISER TO CONVERT TO DETENTION BASIN OUTLET STRUCTURE.
15. REMOVAL OF TEMPORARY SEDIMENT & EROSION CONTROL MEASURES AFTER ENTIRE AREA DRAINING TO THE STRUCTURE IS FINALLY STABILIZED (THE DEPARTMENT RECOMMENDS THAT THE PROJECT OWNER/ OPERATOR HAVE THE SWPPP PREPARED OR REGISTERED EQUIVALENT APPROVE THE REMOVAL OF TEMPORARY STRUCTURES).
16. PERFORM AS-BUILT SURVEYS OF ALL DETENTION STRUCTURES AND SUBMIT TO DHEC OR MS4 FOR ACCEPTANCE.
17. SUBMIT NOTICE OF TERMINATION (NOT) TO DHEC AS APPROPRIATE.

SITE DEVELOPEMENT NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT PUPS AT (888) 721-7877 BEFORE DIGGING AS REQUIRED BY LAW.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND SHALL COMPLY WITH ALL LOCAL STATE AND FEDERAL LAWS AND GUIDELINES.
3. TRAFFIC CONTROL SHALL COMPLY WITH THE "UNIFORM TRAFFIC CONTROL MANUAL" AND ALL SPECIFIC REQUIREMENTS ESTABLISHED IN ENCROACHMENT PERMITS.
4. THE CONTRACTOR SHALL KEEP COPIES OF ALL APPROVED PLANS AND PERMITS AVAILABLE AT THE SITE AT ALL TIMES.
5. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING ELEVATIONS AT ALL TIE-IN POINTS FOR GRADING, DRIVEWAYS, AND UTILITIES PRIOR TO COMMENCING WITH THE PROPOSED CONSTRUCTION. IF DISCREPANCIES OR CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
6. ANY DEVIATION FROM THE APPROVED PLANS WITHOUT WRITTEN VERIFICATION IS AT THE SOLE RISK OF THE CONTRACTOR.
7. ALL PARKING SPACES SHALL HAVE WHEEL STOPS OR CONCRETE CURB AND GUTTER.
8. ALL STRIPING SHALL BE MINIMUM 4" WIDE LINES PAINTED WITH AN APPROVED TRAFFIC TYPE PAINT.
9. SIGNAGE FOR THE SITE WILL BE PERMITTED SEPARATELY.
10. THE SITE WILL NOT BE UTILIZED AT NIGHT, IF NECESSARY LIGHTING WILL BE PERMITTED SEPARATELY BY THE ARCHITECT OR LIGHTING CONSULTANT. EQUIPMENT FOR LIGHTING PARKING FACILITIES WILL BE ARRANGED SO THAT LIGHT DOES NOT INTERFERE WITH TRAFFIC, IS SHIELDED OR DIRECTED AWAY FROM ADJOINING RESIDENCES AND PRODUCES NO GLARE ACROSS RESIDENTIAL PROPERTY BOUNDARIES.
11. THERE SHALL BE NO ON-SITE DISPOSAL OF DEBRIS, CELLULOSE MATERIAL, OR OTHER WASTE.
12. THIS PROJECT WILL NOT BE IMPACTED BY LONG RANGE ROAD PLANS.
13. AREAS ADJACENT TO CURB CUTS SHALL BE LANDSCAPED OR HAVE CURBING INSTALLED TO CONTROL VEHICLES AND PEDESTRIAN ACCESS.
14. ALL UTILITY SERVICES SHALL BE PLACED UNDERGROUND OR ACCESSED FROM REAR PROPERTY LINES.
15. LOADING DOCKS AND DUMPSTERS WILL BE SCREENED FROM PERPENDICULAR VIEW OF ARTERIAL TRAFFIC FLOW.
16. NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL THE PROPOSED DEVELOPMENT IS IN COMPLIANCE WITH THE APPROVED PLAN.
17. ADDITIONAL INFORMATION WILL BE REQUIRED FOR YORK COUNTY BUILDING AND CODES ON HANDICAP PARKING.
18. THE SITE IS SUBJECT TO THE YORK COUNTY TREE ORDINANCE. (SEE LANDSCAPE NOTES FOR ADDITIONAL INFORMATION).
19. ALL TREES WILL BE PLANTED IN ACCORDANCE WITH THE TREE ORDINANCE AND SHALL MEET THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI, 1990, PART 1).
20. ALL TREES ARE TO BE NURSERY GROWN, BURLAP AND BALL (B&B) PREFERRED. MINIMUM TREE SIZE IS 2 INCH CALIPER (MEASURED 6" ABOVE ROOT BALL) FOR SINGLE STEM.
21. ALL TREES ARE TO BE NURSERY GROWN, BURLAP AND BALL (B&B) PREFERRED. MINIMUM TREE SIZE IS 8 FEET IN HEIGHT, WITH A MAXIMUM OF THREE TO FIVE STEMS OR TRUNKS.
22. PLANTING SHALL MEET STANDARD PLANTING DETAILS (TREE ORDINANCE GUIDELINES APPENDIX). EACH TREE SHALL BE ADEQUATELY WATERED AND MULCHED. STAKING AND GUYING ARE OPTIONAL, TRUNK WRAP CAN BE USED BUT IS NOT ENCOURAGED. NO EXPOSED WIRES SHALL DIRECTLY TOUCH TREE TRUNK OR BRANCHES.
23. THE MAINTENANCE OF REQUIRED BUFFERYARDS WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER. ALL SUCH YARDS WILL BE PROPERLY MAINTAINED SO AS TO ASSURE CONTINUED BUFFERING. DEAD TREES WILL BE REMOVED; DEBRIS AND LITTER WILL BE CLEANED; AND FENCES WILL BE MAINTAINED AT ALL TIMES. FAILURE TO DO SO IS A VIOLATION OF THIS CHAPTER AND MAY BE REMEDIED BY THE ZONING ADMINISTRATOR IN THE MANNER PRESCRIBED FOR OTHER VIOLATIONS.
24. PROPERTY OWNERS MUST FOLLOW A ROUTINE SCHEDULE OF WATERING, FERTILIZATION, PEST CONTROL AND PRUNING. PERIODICALLY AFTER THE DATE OF ORIGINAL APPROVAL OF THE DEVELOPMENT, THE SITE SHALL BE RE-INSPECTED FOR CONTINUED COMPLIANCE WITH THE ORIGINAL REQUIREMENTS OF THIS CHAPTER. TREES, WHICH ARE DETERMINED TO BE DEAD, DISEASED, DAMAGED OR MALNOURISHED ACCORDING TO GUIDELINE A, SHALL BE CORRECTED.
25. TREES THAT DIE AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE TO THESE SPECIFICATIONS SHALL BE REMOVED AND REPLACED BY THE OWNER WITH A NEW TREE PLANTER PER MITIGATION TREE CHART IN THE TREE ORDINANCE GUIDELINES AND AS DIRECTED BY THE APPROPRIATE AUTHORITY.
26. THE TYPE OF OPEN SPACE PROVIDED IS BUFFERS. OPEN SPACE WILL BE OWNED, MAINTAINED, AND ADMINISTERED BY THE PROPERTY OWNER.
27. LAND DESIGNATED AS COMMON OPEN SPACE MAY NOT BE SEPARATELY SOLD OR DEVELOPED. OPEN SPACE AREAS SHALL BE MAINTAINED SO THAT THEIR USE AND ENJOYMENT AS OPEN SPACE ARE NOT DIMINISHED OR DESTROYED.
28. THE DEVELOPER OR PROPERTY OWNER, BASED ON INFORMATION PROVIDED, HAS CONFIRMED THROUGH A TITLE SEARCH AND A REVIEW OF THE HISTORIC SURVEY OF YORK COUNTY MAINTAINED BY THE YORK COUNTY CULTURAL AND HERITAGE COMMISSION STAFF THAT NO KNOWN ABANDONED CEMETERIES EXIST ON THE PROPERTY.

SYMBOL LEGEND

Legend showing symbols for: EXISTING FORCE MAIN, PROPOSED FORCE MAIN, EXISTING SANITARY SEWER, PROPOSED SANITARY SEWER, EXISTING WATER, PROPOSED WATER, EXISTING CONTOUR HIGH, EXISTING CONTOUR LOW, PROPOSED CONTOUR LOW, PROPOSED CONTOUR HIGH, EXISTING GAS, PROPOSED GAS, PROPOSED UNDERGROUND ELECTRIC, EXISTING OVERHEAD UTILITY, EXISTING UNDERGROUND UTILITY, EXISTING STORM DRAIN, PROPOSED STORM DRAIN, PROPOSED SILT FENCE, PROPOSED DOUBLE SILT FENCE, PROPERTY LINE, RIGHT OF WAY, BUFFER YARD, SETBACK LIMITS OF DISTURBANCE, WETLANDS, TREE LINE, SHRUBS, RAILROAD TRACKS, GUARDRAIL, EXISTING FENCE, PROPOSED FENCE, TEMP. DIVERSION BERM, TEMP. DIVERSION DITCH, SANITARY SEWER MANHOLE, WATER METER, WATER VALVE, GAS VALVE, WELL, UTILITY POLE, H/C SYMBOL, TELEPHONE PEDESTAL, CURB INLET (CI), AREA BASIN (AB), YARD INLET (YI), STORM DRAIN MANHOLE, HEADWALL, LIGHT POLE, SIGN, PROPOSED FIRE HYDRANT, EXISTING FIRE HYDRANT, TEMP. ROCK SEDIMENT DIKE, CONSTRUCTION ENTRANCE, GRAVEL RIP-RAP FILTER BERM, INLET PROTECTION, TEMPORARY ROCK CHECK DAM, SPOT ELEVATION.

Project information section including APPROVALS, PREPARED BY (JOEL E. WOOD & ASSOCIATES), SEALS, PROJECT (1005 RICHLAND ST PARKING AND SITE UPGRADE), SHEET TITLE (COV NOTES), SHEET NO. (1100), DATE (4/15/2023), SCALE (N.T.S.), and SHEET (1100).







CITY OF ROCK HILL NOTES:

a- If necessary, slopes which exceed eight (8) 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 daily until the slope is brought to grade.

b- 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.

c- After construction activities begin, inspections must be conducted at a minimum of at least once every calendar week, with no time period between inspections exceeding 5 days, and must be conducted until final stabilization is reached on all areas of the construction site. Contractor shall assess all BMPs within 24 hours of the end of a storm event of 1.0 inch or greater, as well as during the first rain event after the initiation of construction activities and subsequent BMP installation. Inspection frequencies for portions of the construction site that have reached temporary or final stabilization may be reduced to at least once every month, as long as the stabilization is maintained and there is no additional disturbance in these areas. Inspections for BMPs, such as sediment basins, ponds and/or traps, which may receive flow from land development and/or construction on individual lots, may be required to resume, if areas that drain to them become disturbed during future construction. Any temporary BMP that also serves to mitigate for peak flows, or is to be converted to a permanent post-development stormwater mitigation facility, must also be subject to regular inspections. Throughout the course of construction or development, until said facilities have been converted to a post-development configuration and a N.O.T. is filed.

d- 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. Contractor must implement and maintain "seasonal" seeding to assure proper stabilization and vegetation, throughout the course of construction. If water is encountered while trenching, the water should be filtered to remove any sediments before being pumped back into any stormwater systems, water courses and waters of the state (WoS) or waters of the United States (WolU.S.).

e- 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 off-site sedimentation. All temporary control devices shall be removed once construction is complete and the site is stabilized.

f- The contractor must take necessary action to minimize the tracking of mud onto paved roadway from construction areas and the generation of dust. The contractor shall daily remove mud/silt from pavement, as may be required.

g- 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 SC Reg. 72-300 Seq. and SCR 103000.

h- Temporary diversion berms and/or ditches will be provided as needed during construction to protect work areas from upslope runoff and/or divert sediment laden water to appropriate traps or stable outlets.

i- All WoS or WolU.S., 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 cannot be maintained between the disturbed area and all WoS and a 130-foot minimum buffer for WolU.S. One row of silt fence must be wire-backed. A 25-foot no disturbance zone shall be maintained between the last row of silt fence and all WoS and a minimum 50-foot no disturbance zone for WolU.S. Buffers and no disturbance zones shall be measured from top of creek bank.

j- 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.

k- A copy of the SWPPP (including civil construction plans and supporting documents), 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.

l- 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 seven (7) calendar days.

m- Minimize soil compaction and, unless infeasible, preserve and stockpile topsoil for reuse.

n- Inspection Reports must include the following:

1. The inspection date;
2. Names, titles, and the qualifications of personnel making the inspection if not previously given in an inspection report, unless those qualifications change;
3. All discharge points;
4. Weather information and a description of any discharges occurring at the time of the inspection;
5. Total rainfall since last inspection;
6. Location(s) of discharges of sediment or other pollutants from the Site;
7. Location(s) of BMPs that need maintenance;
8. Location(s) of BMPs that failed to operate as designed or proved inadequate for a particular location;
9. Location(s) where additional BMPs are needed that did not exist at the time of inspection;
10. Corrective action required including any changes to the OS-SWPPP necessary and implementation dates;
11. Site Name, Operator Name and permit number; and
12. Verification that all BMPs and stormwater controls identified in the OS-SWPPP have been installed and are operating as designed;
13. Determine if the construction sequence is being followed;
14. Status of corrective actions undertaken following previous inspection to include date(s) each item was addressed;
15. List of items that have carried over from previous inspection reports that were not addressed.

o- 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.

p- 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.

q- 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.

r- 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.).

s- BMP measures for concrete truck washout shall be in accordance with the following: Concrete trucks shall not typically be washed out on site. If concrete truck washout is permitted on site, coordinate location and BMPs with site inspector. Do not dispose of concrete truck washout waste by dumping into a sanitary sewer, storm drain or onto soil or pavement that carries storm water runoff.

Concrete truck washout shall be disposed of in accordance with the following:

- designated area that will later be backfilled (slurry pit)
- designated area where concrete wash can harden and be disposed of as solid waste.
- location that is not subject to water runoff, and more than 50 feet away from a storm drain, open ditch, or receiving water way.

- pump excess concrete in concrete pump bin back into concrete mixer truck.

- concrete washout from concrete pumper bins can be washed into concrete pumper trucks and discharged into designated washout area or properly disposed of offsite.

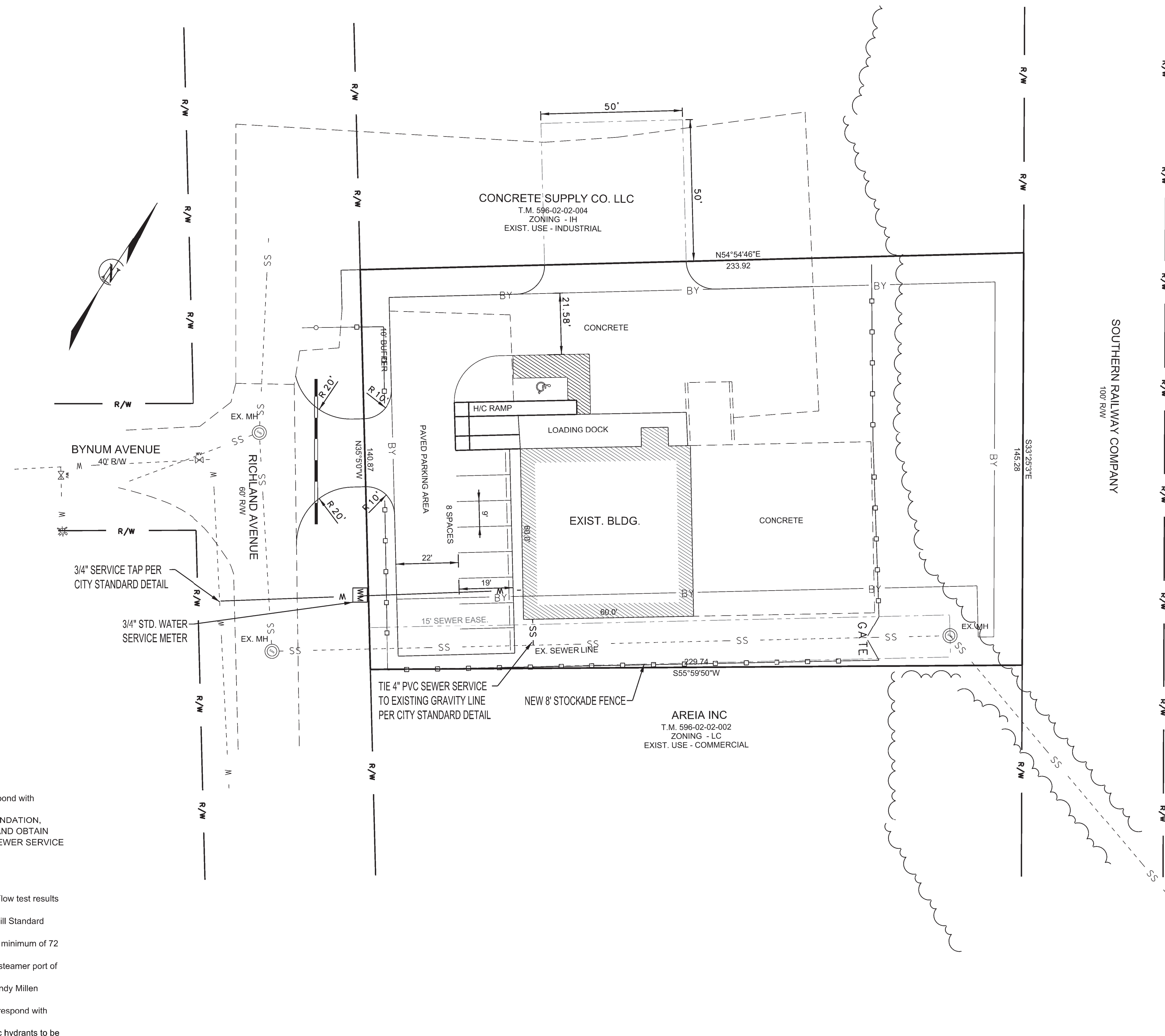
t- The following discharges from sites are prohibited:

- 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.

u- All chemical spills, oil spills, or fish kills must be reported to SCDHEC Land & Waste Management Emergency Response - call the 24-hour emergency response line at 1-888-461-0125.

v- Temporary toilet facilities shall be provided for all construction workers and site visitors in accordance with 2006 International Plumbing Code General Regulations, Section 311 (or current revision). Portable facilities shall be placed on level ground and away from storm drainage systems (ditches, catch basins, etc.). Disposal and handling of sanitary waste must comply with SCDHEC requirements.

w- Final grades for grassed and landscaped areas shall require a minimum 4" of clean top soil, free of debris and contaminants, and preferably of native origin.



- NOTES**
1. All water meter boxes shall be tagged with permanent identifying tags, to correspond with address served.
  2. THE CONTRACTOR, PRIOR TO POURING THE BUILDING SLAB AND FOUNDATION, SHALL VERIFY THE ACCESSIBILITY OF THE SANITARY SEWER SERVICE AND OBTAIN CONFIRMATION FROM THE DESIGN ENGINEER REGARDING SANITARY SEWER SERVICE FUNCTIONALITY.
  3. Dumpster screening to match building facade. Structure is existing.
  4. ALL STORMDRAIN LINES ARE SUBJECT TO "O" RING GASKETS.
  5. 270 SQ.FT. PEDESTRIAN ZONE PROVIDED WITH BENCHES.
  6. The developer/contractor is responsible for flow testing private fire hydrants. Flow test results for private and public hydrants must be shown on the "As-Built" plans.
  7. All materials, construction, and plans are to comply with current City of Rock Hill Standard Specifications and Details.
  8. Contact Palmetto Utility Protection Service (PUPS) @ 811 or 888-721-7877, a minimum of 72 hours before digging.
  9. Fire hydrants shall be equipped with a 5-inch Storz Connector, located on the steamer port of each hydrant.
  10. Before Fire Riser is to be installed, Contractor shall contact City Inspector Randy Millen (803-448-9747), to coordinate necessary inspection of installation.
  11. All water meter boxes must be tagged with permanent identifying tags, to correspond with address served.
  12. All public and private fire hydrants must be specified on the plans. Note public hydrants to be painted "silver" and private hydrants as "red".

APPROVALS	PREPARED BY	SEALS	PROJECT	SHEET TITLE	NO.	DATE	REVISIONS	BY	
Project Engr: _____ Drawn By: _____ Checked By: _____	<p><b>JOEL E. WOOD &amp; ASSOCIATES</b> PLANNING • ENGINEERING • MANAGEMENT P.O. BOX 296 CLOVER, SC 29710 (803) 684-3390</p>	<p><b>INFORMATION ONLY</b></p>	1005 RICHLAND ST PARKING AND SITE UPGRADE	<p><b>SITE PLAN</b></p>					
Review: _____ Bid: _____ Construction: _____			ROCK HILL, SOUTH CAROLINA DEVELOPED FOR SKYRISE INVESTMENT INC						
					SCALE:	DATE: 4/15/2023			
					JOB NO.:	221209			
					SHEET	C300			



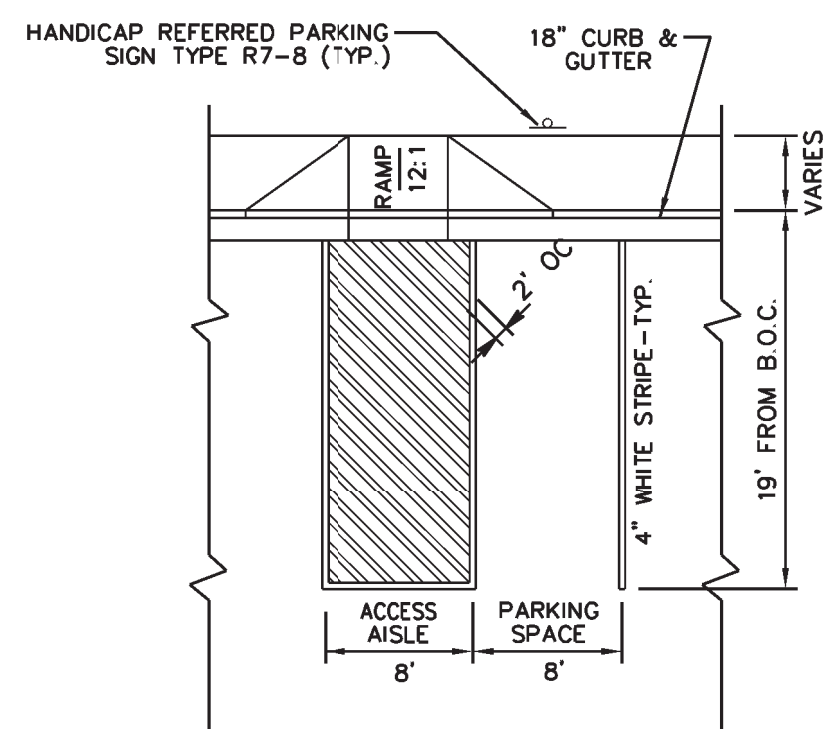








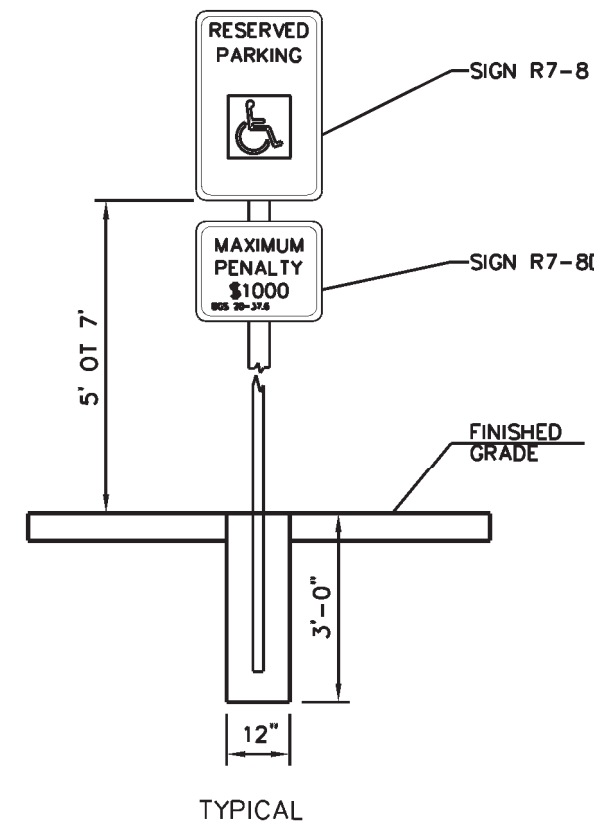




- NOTES:**
1. TWO ADJACENT HANDICAP PARKING SPACES MAY SHARE A COMMON ACCESS AISLE.
  2. STRIPES FOR ACCESS AISLE AND PAINTED SYMBOL TO BE BLUE.

**A ACCESSIBLE PARKING DETAIL**

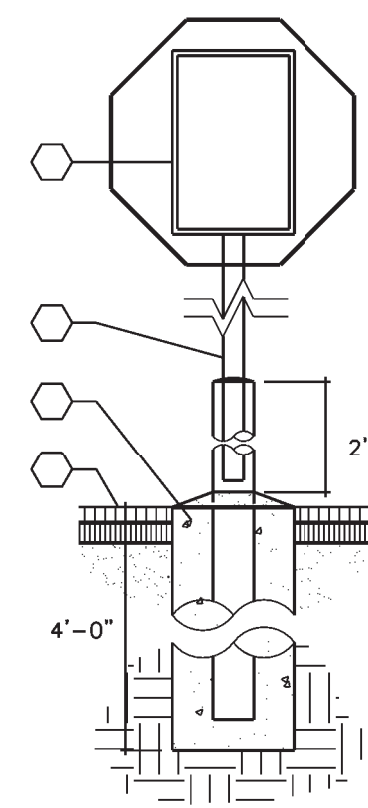
SCALE=NTS



TYPICAL

**B ACCESSIBLE PARKING SIGN DETAIL**

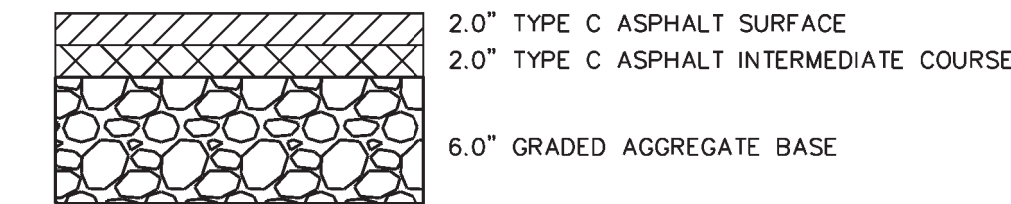
SCALE=NTS



- KEYED NOTES:**
- TRAFFIC DIRECTIONAL SIGN.
  - 2"x 2" STEEL TUBE EXTENDED INTO CONCRETE FILLED 4" PIPE.
  - 12"Ø CONCRETE FOUNDATION 6" BELOW FROST LINE (4 FT. MINIMUM BELOW FIN. GRADE).
  - FINISHED GRADE.

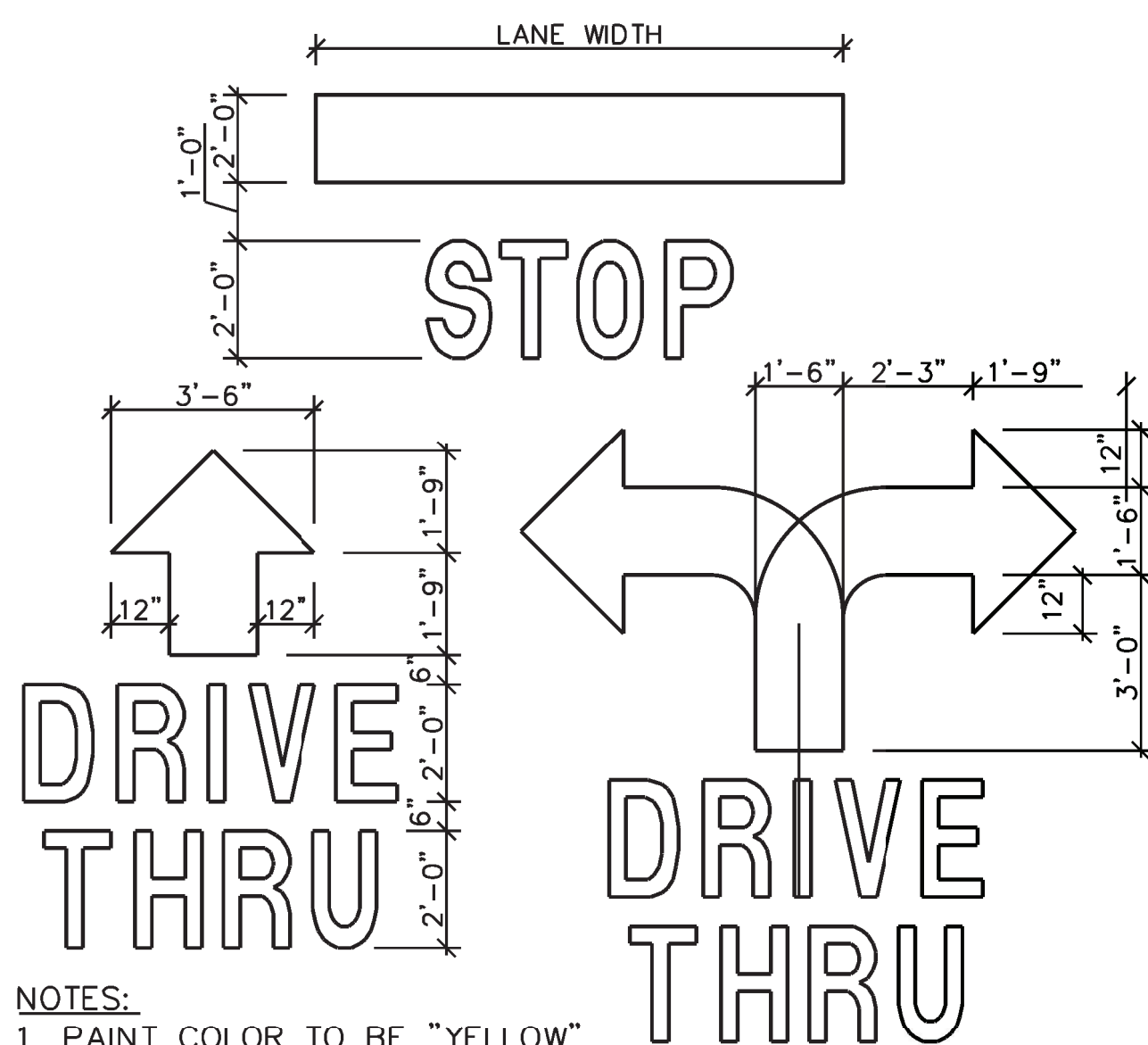
**C TYPICAL SIGN DETAIL**

SCALE=NTS



**D HEAVY DUTY PAVING DETAIL**

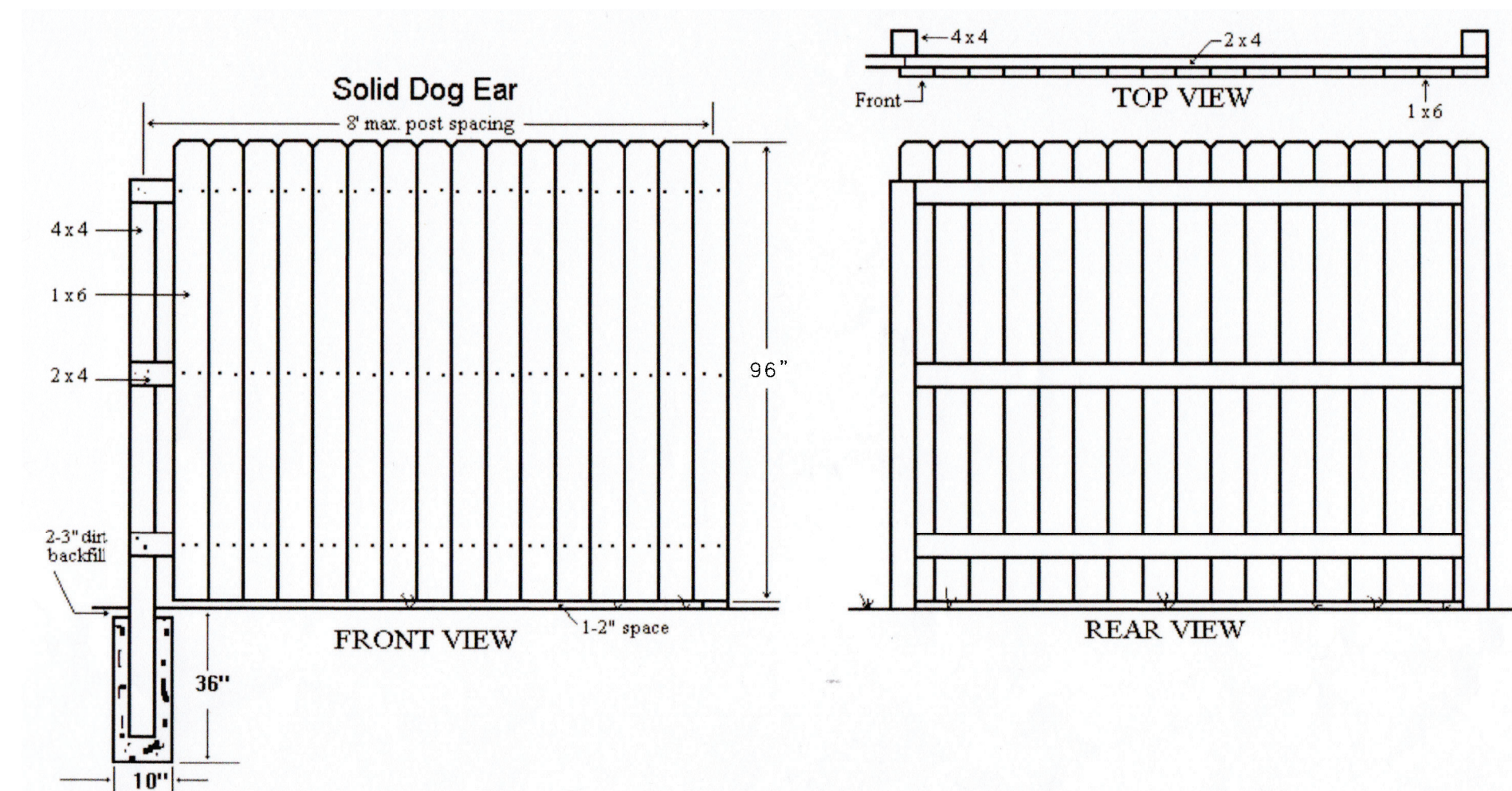
SCALE=NTS



- NOTES:**
1. PAINT COLOR TO BE "YELLOW" FOR ARROW AND LETTERS. "DRIVE-THRU" AND "STOP" LETTERS TO BE ELONGATED HELEVETICA MEDIUM - 4" WIDE STROKES.
  2. PAINT 2" BLACK OUTLINE AROUND ARROW AND LETTERS FOR PROJECTS WITH CONCRETE PARKING LOTS.


**E PARKING LOT MARKINGS**

SCALE=NTS

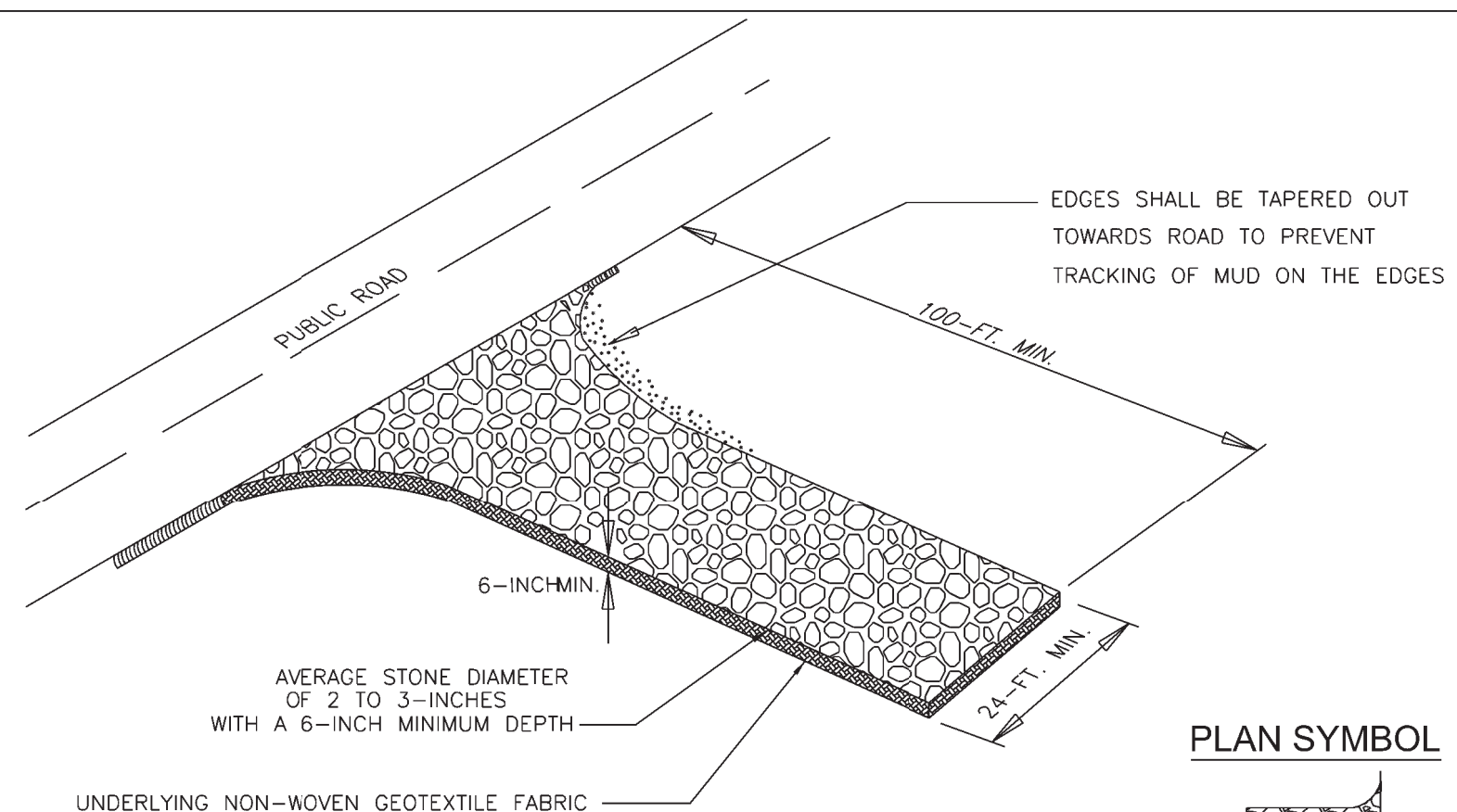


**F VINYL STOCKADE FENCE**

SCALE=NTS

APPROVALS	PREPARED BY	SEALS	PROJECT	SHEET TITLE	NO.	DATE	REVISIONS	BY	SCALE: N.T.S.	
Project Engr: _____ Drawn By: _____ Checked By: _____	 <b>JOEL E. WOOD &amp; ASSOCIATES</b> PLANNING • ENGINEERING • MANAGEMENT P.O. BOX 296 CLOVER, SC 29710 (803) 684-3390	<b>INFORMATION ONLY</b>	1005 RICHLAND ST PARKING AND SITE UPGRADE	<b>SITE DETAILS</b>					DATE: 4/15/2023	
Review: _____ Bid: _____ Construction: _____			ROCK HILL, SOUTH CAROLINA PREPARED FOR SKYRISE INVESTMENT INC							JOB NO.: 221209
										SHEET <b>C700</b>





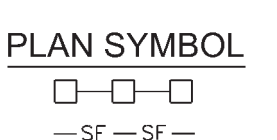
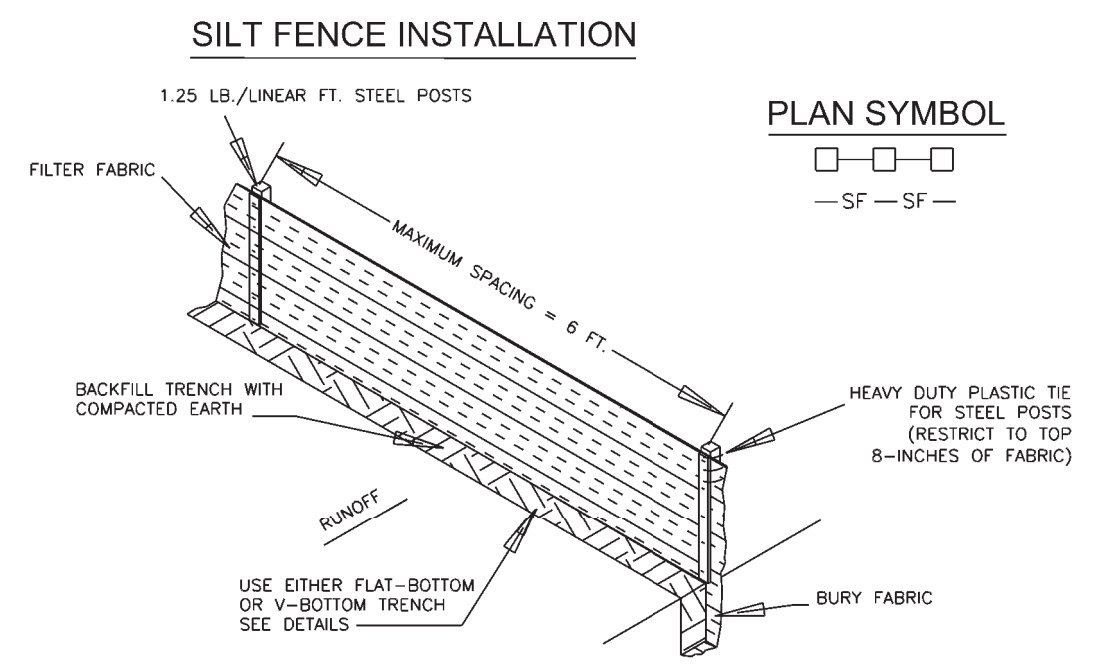
SPECIFICATION	SIZE
ROCK PAD THICKNESS	6 INCHES
ROCK PAD WIDTH	24 FEET
ROCK PAD LENGTH	100 FEET
ROCK PAD STONE SIZE	D = 2-3 INCHES

South Carolina Department of Health and Environmental Control  
**CONSTRUCTION ENTRANCE**  
 STANDARD DRAWING NO. SC-06 PAGE 1 of 2  
 FEBRUARY 2014  
 NOT TO SCALE DATE

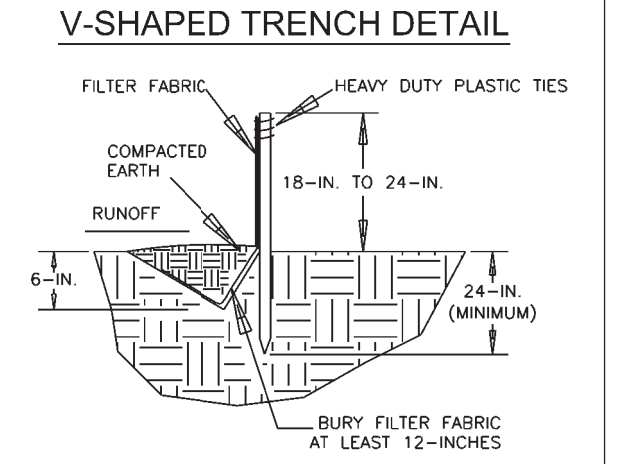
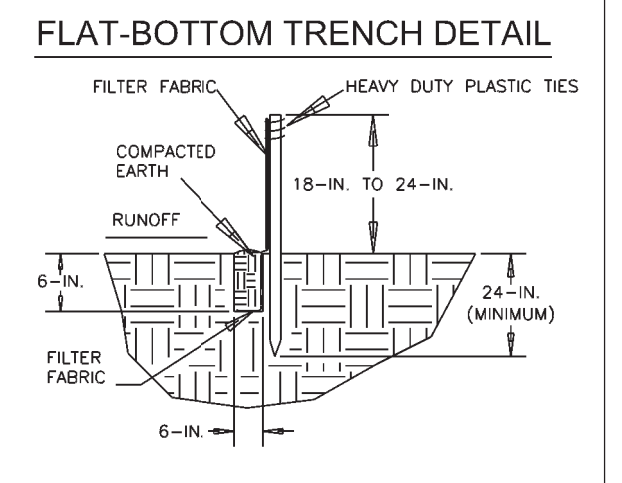
- CONSTRUCTION ENTRANCE – GENERAL NOTES**
1. Stabilized construction entrances should be used at all points where traffic will egress/ingress a construction site onto a public road or any impervious surfaces, such as parking lots.
  2. Install a non-woven geotextile fabric prior to placing any stone.
  3. Install a culvert pipe across the entrance when needed to provide positive drainage.
  4. The entrance shall consist of 2-inch to 3-inch D50 stone placed at a minimum depth of 6-inches.
  5. Minimum dimensions of the entrance shall be 24-feet wide by 100-feet long, and may be modified as necessary to accommodate site constraints.
  6. The edges of the entrance shall be tapered out towards the road to prevent tracking at the edge of the entrance.
  7. 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.

- 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 event 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 control.
  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**  
 STANDARD DRAWING NO. SC-06 PAGE 2 of 2  
 FEBRUARY 2014  
 GENERAL NOTES DATE



- SILT FENCE – GENERAL NOTES**
1. Do not place silt fence across channels or in other areas subject to concentrated flows. Silt fence should not be used as a velocity control BMP. Concentrated flows are any flows greater than 0.5 cfs.
  2. Maximum sheet or overlap flow path length to the silt fence shall be 100-feet.
  3. Maximum slope steepness (normal [perpendicular] to the fence line) shall be 2:1.
  4. Silt fence joints, when necessary, shall be completed by one of the following options:
    - Wrap each fabric together at a support post with both ends fastened to the post, with a 1-foot minimum overlap.
    - Overlap silt fence by installing 3-feet passed the support post to which the new silt fence roll is attached. Attach old roll to new roll with heavy-duty plastic ties; or,
    - Overlap entire width of each silt fence roll from one support post to the next support post.
  5. Attach filter fabric to the steel posts using heavy-duty plastic ties that are evenly spaced within the top 8-inches of the fabric.
  6. Install the silt fence perpendicular to the direction of the stormwater flow and place the silt fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanup.
  7. Install Silt Fence Checks (Tea-Backs) every 50-100 feet, dependent on slope, along silt fence that is installed with slope and where concentrated flows are expected or are documented along the proposed/installed silt fence.



South Carolina Department of Health and Environmental Control  
**SILT FENCE**  
 STANDARD DRAWING NO. SC-03 PAGE 1 of 2  
 FEBRUARY 2014  
 NOT TO SCALE DATE

- 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 50,000 psi.
    - 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 (± 0.02).
  2. Posts shall be equipped with projections to aid in fastening of filter fabric.
  3. 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 1/2 gauge steel, at a minimum. The metal soil stabilization plate should be completely buried.
  4. Install posts to a minimum of 24-inches. A minimum height of 1- to 2-inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
  5. Post spacing shall be at a maximum of 6-feet on center.

- SILT FENCE – INSPECTION & MAINTENANCE**
1. The key to functional silt fence is weekly inspections, routine maintenance, and regular sediment removal.
  2. Regular inspections of silt fence shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event 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 continuously monitored and removed when necessary.
  4. Remove accumulated sediment when it reaches 1/3 the height of the silt fence.
  5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
  6. Check for areas where stormwater runoff has eroded a channel beneath the silt fence, or where the fence has sagged or collapsed due to runoff overlapping the silt fence. Install checks/tea-backs and/or reinstall silt fence, as necessary.
  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 immediately.
  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 stabilized.

- SILT FENCE – FABRIC REQUIREMENTS**
1. Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
    - Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polypropylene, polyester, or polyamides that are formed into a network such that the filaments or yarns retain dimensional stability relative to each other.
    - Free of any treatment or coating which might adversely affect 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.
  2. 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.
  3. 12-inches of the fabric should be placed within excavated trench and toed in when the trench is backfilled.
  4. Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.
  5. Filter Fabric shall be installed at a minimum of 24-inches above the ground.

South Carolina Department of Health and Environmental Control  
**SILT FENCE**  
 STANDARD DRAWING NO. SC-03 PAGE 2 of 2  
 FEBRUARY 2014  
 GENERAL NOTES DATE

**TEMPORARY SEEDING**

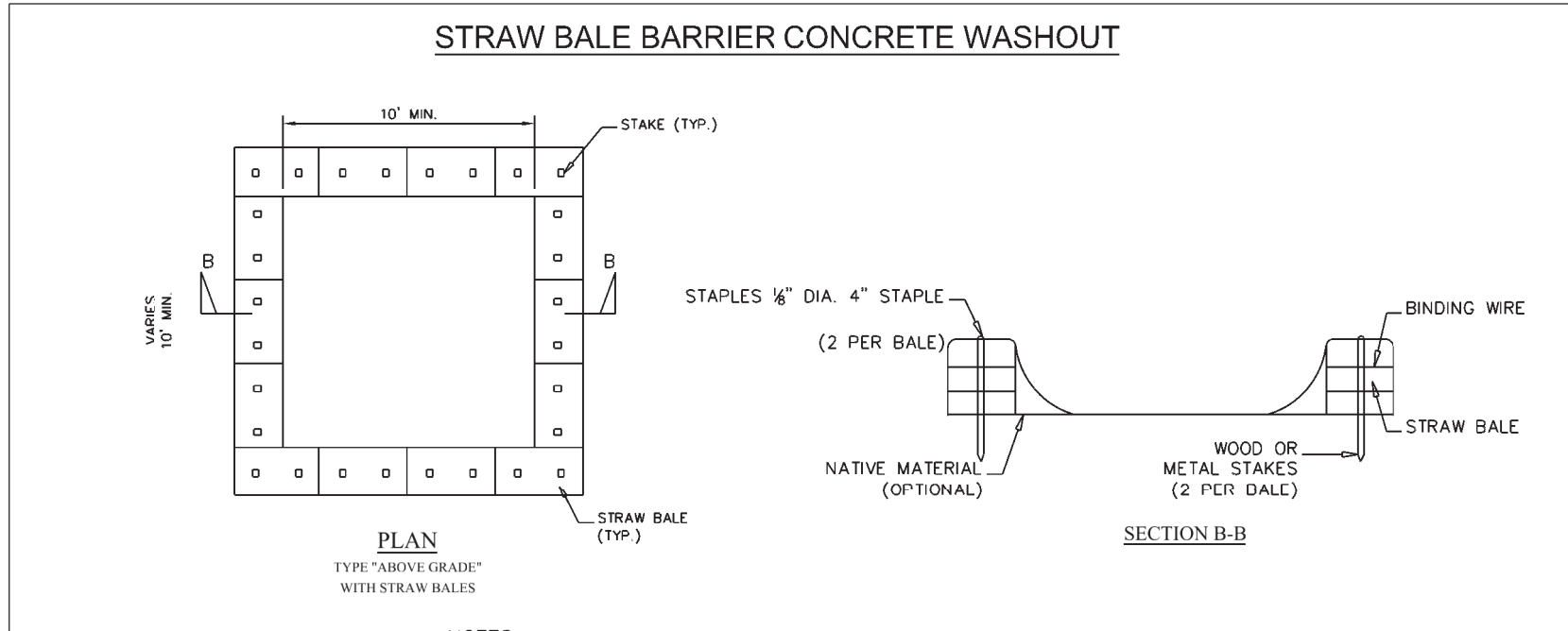
SPECIES	lbs/ac	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Browntop (Alone)	40												
Browntop (Mix)	10												
Rye Grain (Alone)	56												
Rye Grain (Mix)	10												
Rye Grass (Alone)	50												
Rye Grass (Mix)	8												
For Steep Slopes/Cut Slopes													
Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												

**PERMANENT SEEDING**

SPECIES	lbs/ac	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bahia Grass	40												
Bahia Grass (Mix)	30												
Bermuda Grass (thru) (Alone)	8-12												
Bermuda Grass (thru) (Mix)	4-6												
Fescue, Tall (KY31) Alone	40												
Fescue, Tall (KY31) Alone	20												
Series 1 Leodegza (Scrifed) Alone or Mix (Inoculate with E Inoculant)	40												
Lodino Clover (Inoculate with AB Inoculant)	2												
For Steep Slopes/Cut Slopes													
Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												
Crownvetch (Mix) (Inoculate with AB Inoculant)	8-10												

**A SEEDING SCHEDULE**

SCALE=NTS



- NOTES:**
1. ACTUAL LAYOUT DETERMINED IN FIELD.
  2. INSTALL CONCRETE WASHOUT SIGN (24"x24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
  3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
  4. CLEAN OUT CONCRETE WASHOUT AREA WHEN SORE FILL.
  5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
  6. SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.
  7. A ROCK CONSTRUCTION ENTRANCE MAY BE NECESSARY ALONG ONE SIDE OF THE WASHOUT TO PROVIDE VEHICLE ACCESS.

South Carolina Department of Health and Environmental Control  
**CONCRETE WASHOUT**  
 STRAW BALES OR ABOVE GROUND  
 STANDARD DRAWING NO. RC-07 PAGE 1 of 1  
 FEBRUARY 2014  
 NOT TO SCALE DATE

**APPROVALS**

Project Engr: \_\_\_\_\_  
 Drawn By: \_\_\_\_\_  
 Checked By: \_\_\_\_\_

Review: \_\_\_\_\_  
 Bid: \_\_\_\_\_  
 Construction: \_\_\_\_\_

**PREPARED BY**

**JOEL E. WOOD & ASSOCIATES**  
 PLANNING • ENGINEERING • MANAGEMENT

P.O. BOX 296 CLOVER, SC 29710 (803) 684-3390

**SEALS**

**INFORMATION ONLY**

**PROJECT**

1005 RICHLAND ST PARKING AND SITE UPGRADE

ROCK HILL, SOUTH CAROLINA  
 PREPARED FOR  
 SKYRISE INVESTMENT INC

**SHEET TITLE**

**EROSION CONTROL DETAILS**

NO.	DATE	REVISIONS	BY

SCALE: N.T.S.  
 DATE: 4/15/2023  
 JOB NO.: 221209  
 SHEET **C701**



**GENERAL WATER/SEWER NOTES**

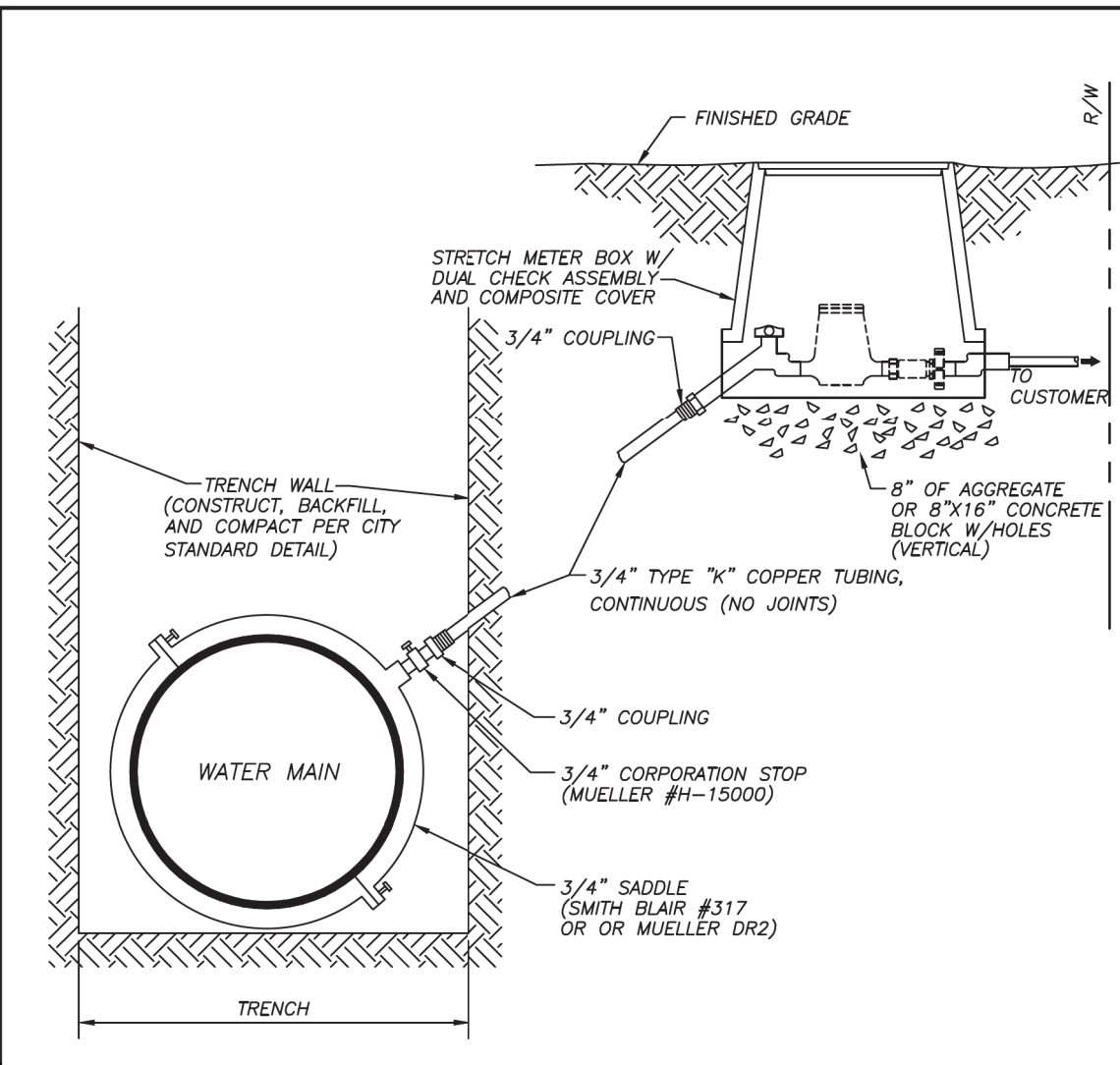
- WATER AND SEWER SYSTEMS ARE TO BE CONSTRUCTED IN GENERAL ACCORDANCE WITH ALL CITY OF ROCK HILL AND SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (SCDEC) REGULATIONS, REFERENCED WATER AND SEWER STANDARDS AND SPECIFICATIONS.
- WATER AND SEWER CONSTRUCTION ON THIS SITE IS AUTHORIZED BY PERMITS ISSUED BY SCDEC. THE WORK IS SUBJECT TO INSPECTION AT ALL TIMES BY REPRESENTATIVES OF SCDEC, CITY OF ROCK HILL, AND THE ENGINEER OF RECORD. THE PERMITS REQUIRE CERTIFICATION OF COMPLETION BY THE ENGINEER OF THE WATER AND SEWER SYSTEMS PRIOR TO CITY ACCEPTANCE AND ISSUANCE OF FINAL OPERATIONAL APPROVAL BY SCDEC.
- CONTRACTOR SHALL VERIFY THE ACTUAL LOCATION AND ELEVATION FOR ALL UTILITIES, DRAINAGE, AND OTHER UNDERGROUND FACILITIES, AND SHALL NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCY OR CONFLICTS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF LOCATING AND MARKING ALL EXISTING UNDERGROUND UTILITIES. CONTACT SC81 AT 811 (INSIDE SC) OR 888-721-7877 (OUTSIDE SC), A MINIMUM OF 72 HOURS BEFORE DIGGING.
- CONNECTION TO ANY EXISTING LINES SHALL BE BY THE CONTRACTOR IN THE PRESENCE OF CITY OF ROCK HILL INSPECTION PERSONNEL. PLUS NEW CONNECTION UNTIL CONSTRUCTION AND TESTING HAS BEEN COMPLETED, INSPECTED BY THE ENGINEER OF RECORD AND CITY OF ROCK HILL, AND FINAL CONNECTION IS AUTHORIZED.
- UTILITY SERVICE PIPING SHALL BE ROUTED THROUGH SOFT AREAS AND NOT BE LOCATED UNDER PAVED DRIVEWAYS AND SIDEWALKS.
- CITY OF ROCK HILL SHALL OWN AND MAINTAIN THE PROPOSED WATER AND SANITARY SEWER LINES UPON COMPLETION, INSPECTION, APPROVAL, AND ACCEPTANCE OF THE WORK.
- TEMPORARY EROSION CONTROL MEASURES (I.E. SILT FENCE, INLET PROTECTION, CHECK DAMS, ETC.) SHALL BE REMOVED AT THE END OF THE PROJECT.

CITY OF ROCK HILL UTILITIES DEPARTMENT 757 S. ANDERSON ROAD ROCK HILL, SC 29730		STANDARD DETAIL		
		NOTES-GENERAL WATER/SEWER		
REVISIONS:		DATE:	FILE NAME:	
		FEB. 2018	10.01	
		SCALE:		
		N.T.S.		

**LAWN AREA SURFACE RESTORATION NOTES**

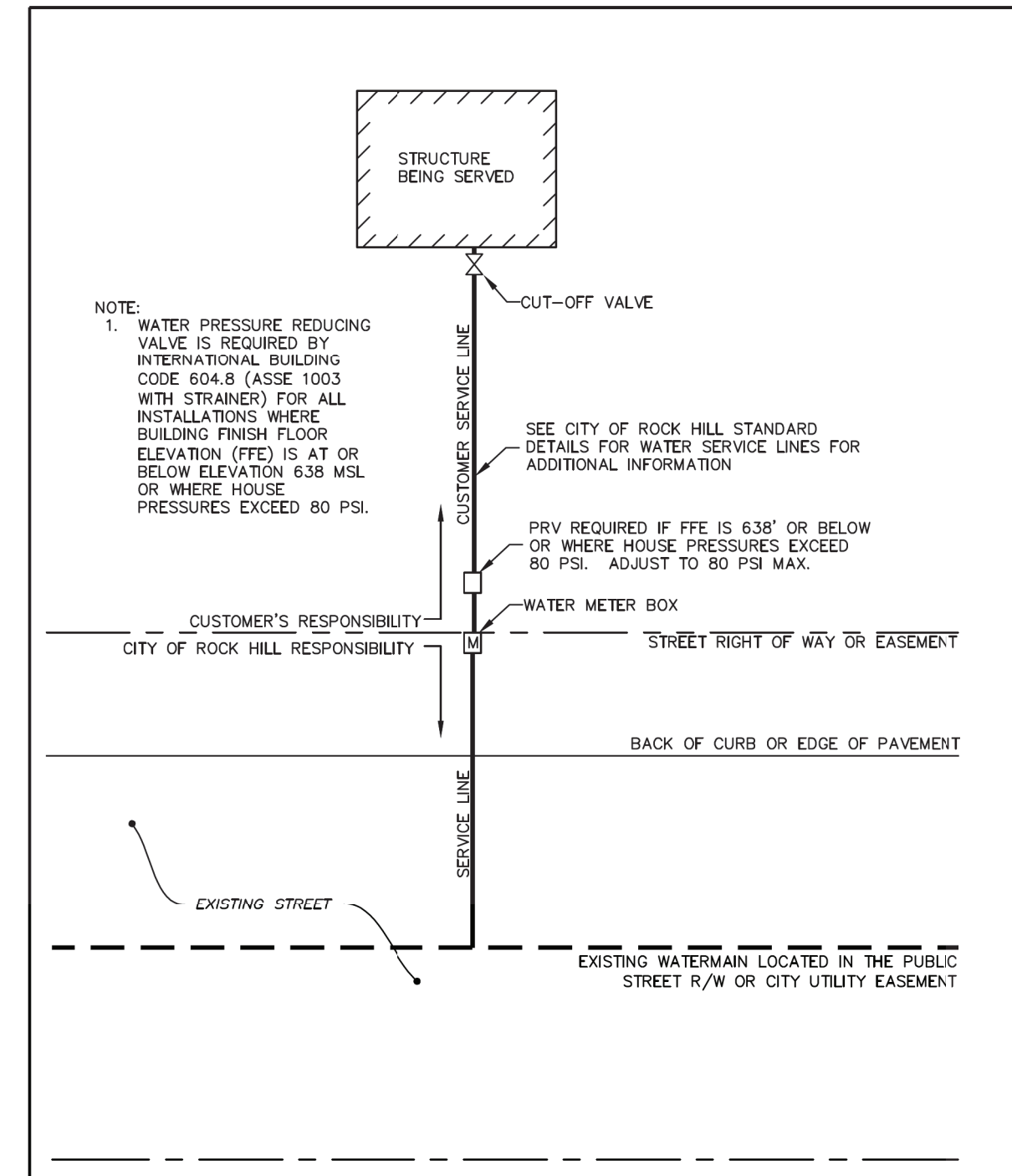
- THE FOLLOWING SEED BED AND SURFACE RESTORATION SPECIFICATIONS ARE REQUIRED FOR ALL DEVELOPED PROPERTIES, LAWN AREAS, AND ALONG EASEMENTS PARALLELING PUBLIC AND PRIVATE ROADWAYS:
- CONTRACTOR TO REMOVE AND STOCKPILE TOPSOIL SEPARATE FROM THE EXCAVATION TRENCH MATERIALS USED FOR FINAL DRESSING AND/OR RESTORATION OF LAWN AREAS DISTURBED BY CONSTRUCTION FOR THE INSTALLATION OF WATER AND/OR SEWER UTILITIES.
  - ONCE TRENCH IS BACKFILLED AND PROPERLY CONSOLIDATED, EVENLY DISTRIBUTE STOCKPILED TOPSOIL OVER AREAS DISTURBED BY THE CONSTRUCTION.
  - PREPARE SOIL FOR PLANTING BY LOOSENING COMPACTED SOIL TO A MINIMUM DEPTH OF THREE TO FOUR INCHES (3" - 4") WITH THE USE OF A HAYLEY RAKE OR OTHER SUITABLE POWER RAKE; REMOVE ROCKS/STONES, ROOTS, TRASH, CLAY LUMPS, AND OTHER DEBRIS FROM THE SEEDBED AREA; AND FIND GRADE. THE DISTURBED AREA TO PROHIBIT PONDING OF STORMWATER RUNOFF AND TO ACHIEVE A SMOOTH, HOMOGENEOUS, WELL-DROOMED SEEDBED.
  - FERTILIZE PREPARED SEEDBED AREA WITH A 20-0-5 BLEND OF SLOW RELEASE FERTILIZER WITH AN APPLICATION RATE OF 3 POUNDS PER 1000 SQUARE FEET. THE FERTILIZER MAY BE APPLIED PRIOR TO POWER RAKE SEEDBED PREPARATION, IF DESIRED.
  - APPLY SEED TO THE DISTURBED AREAS AND MULCH IN ACCORDANCE WITH THE SPECIFICATIONS. THE SEED THAT IS TO BE APPLIED IS TO MATCH THE TYPE OF GRASS IN THE LAWN AREA.

CITY OF ROCK HILL UTILITIES DEPARTMENT 757 S. ANDERSON ROAD ROCK HILL, SC 29730		STANDARD DETAIL		
		NOTES-LAWN RESTORATION		
REVISIONS:		DATE:	FILE NAME:	
		MAR. 2020	10.04	
		SCALE:		
		N.T.S.		



- NOTES**
- CONTRACTOR TO INSTALL MUELLER 110 (CTS) 1/2" INLET - 7" HEIGHT H-1462-3N STRETCH METER BOX OR APPROVED EQUAL.
  - METER AND DUAL CHECK ASSEMBLY TO BE INSTALLED BY CITY.
  - CONTRACTOR SHALL INSTALL A MINIMUM OF 18" OF PIPING FROM ANY HARD SURFACE (I.E. CURB, SIDEWALK, ETC.) TO BOX INLET.
  - SEPARATE BACKFLOW PREVENTION DEVICE MAY BE REQUIRED BY BUILDING CODE.
  - FOR SERVICE PIPING CROSSING UNDER ROADWAY PAVEMENT (I.E. LONG SIDE SERVICE), PIPING IS TO BE PLACED WITH A MINIMUM OF 24" COVER FROM LIP OF GUTTER TO LIP OF GUTTER.
  - SEE CITY OF ROCK HILL STANDARD DETAIL 11.11-WATER SERVICE CONNECTION LOCATION FOR LOCATION OF PRESSURE REDUCING VALVE, WHEN REQUIRED.

CITY OF ROCK HILL UTILITIES DEPARTMENT 757 S. ANDERSON ROAD ROCK HILL, SC 29730		STANDARD DETAIL		
		SERVICE CONNECTION 3/4"		
REVISIONS:		DATE:	FILE NAME:	
		MAR. 2020	11.01	
		SCALE:		
		N.T.S.		



CITY OF ROCK HILL UTILITIES DEPARTMENT 757 S. ANDERSON ROAD ROCK HILL, SC 29730		STANDARD DETAIL		
		WATER SERVICE CONNECTION LOCATION		
REVISIONS:		DATE:	FILE NAME:	
		MAR. 2020	11.11	
		SCALE:		
		N.T.S.		

<b>APPROVALS</b> Project Engr: _____ Drawn By: _____ Checked By: _____ Review: _____ Bid: _____ Construction: _____	<b>PREPARED BY</b> JOEL E. WOOD & ASSOCIATES PLANNING • ENGINEERING • MANAGEMENT P.O. BOX 296 CLOVER, SC 29710 (803) 684-3390	<b>SEALS</b> <div style="border: 1px solid black; padding: 5px; text-align: center; font-weight: bold;">INFORMATION ONLY</div>	<b>PROJECT</b> 1005 RICHLAND ST PARKING AND SITE UPGRADE ROCK HILL, SOUTH CAROLINA PREPARED FOR SKYRISE INVESTMENT INC	<b>SHEET TITLE</b> STORM DRAIN DETAILS	NO.	DATE	REVISIONS	BY	SCALE: N.T.S.
									DATE: 4/15/2023
									JOB NO.: 221209
									SHEET C702



**GRASSING**

**PART 1 - GENERAL**

**RELATED DOCUMENTS**

Drawings and general provisions of the contract, including General Conditions, Supplementary Conditions, and Technical Specifications. Any conflict of work of this section shall prevail.

**DESCRIPTION OF WORK**

This specification pertains to planting, fertilizing, and cultivating grass on all fill slopes, cut slopes, and graded areas disturbed by installation of the utilities. Established trees and landscaped areas damaged by construction are to be restored to their former condition by seeding or sodding.

**SUBMITTALS**

Submit seed vendor's certified statement for each grass seed mixture required, stating botanical and common name, percentage by weight, and percentages of purity, germination, and weed seed for each grass seed species.

**DELIVERY, STORAGE, AND HANDLING**

Deliver packaged materials in containers showing weight, analysis, and name of manufacturer. Protect materials from deterioration during delivery, and while stored at the site.

**JOB CONDITIONS**

This specification is intended to provide a complete grassing procedure which is to be carefully followed. Some procedures may be adjusted, upon consultation with the Engineer, so as to meet unforeseen weather and soil conditions.

Proceed with seed and complete grassing work as rapidly as portions of the project site become available.

**SPECIAL PROJECT WARRANTY**

Warranty grassing throughout the specified maintenance period, and until final acceptance.

**PART 2 - PRODUCTS**

**SOIL AMENDMENTS**

**Lime:** Natural calcareous limestone containing not less than 85% total carbonates with a minimum of 50% magnesium carbonates, ground so that not less than 90% passes a 10-mesh sieve and not less than 50% passes a 100-mesh sieve.  
**Superphosphate:** Soluble mixture of treated minerals, 20% available phosphoric acid.  
**Commercial Fertilizer:** Complete fertilizer of neutral character, with some elements derived from organic sources and containing the following percentages of available plant nutrients:

For grassing adjoining lawns, provide fertilizer with not less than 18% total nitrogen, 2-4% available phosphoric acid, and 12% soluble potash. Nitrogen is to be a form that is available to the grass during the initial growth period. At least 50% nitrogen is to be organic form. 50% slow release.  
 For grassing in unimproved areas, provide fertilizer with not less than 5% total nitrogen, 10% available phosphoric acid, and 10% soluble potash.

**GRASS MATERIALS**

**Sod:** Degrade fresh, clean, Fescue sod complying with tolerance for purity and germination established by Official Seed Analysis of North America.

**ANTI-EROSION MATERIALS**

**Mulch:** Provide clean, seed-free hay or threshed straw of wheat, rye, oats, or barley.

**Liquid Asphalt:** Provide liquid asphalt or emulsified asphalt type I (non-forming agent), designed to permit transportation but retard excessive loss of viscosity. (When so manufactured, it is fully certified containers and mix in accordance with manufacturer's instructions.)

**Liquid asphalt (kerosene thinned):** is to be used during freezing weather. Liquid asphalt is to be either road or medium curing.

**Emulsified asphalt (water thinned):** is to be used when temperatures are above freezing.

**PART 3 - EXECUTION**

**PREPARATION**

**Preparation of Planting Soil:** Mix lime with dry soil prior to mixing of fertilizer. Prevent lime from contacting roots of acid-loving plants.

Apply phosphoric acid fertilizer (other than that constituting a portion of complete fertilizers) directly to subgrade before applying planting soil and tilling.

**Preparation of Seed Bed:** Loosen subgrade of areas to be grassed to a minimum depth of 4". Remove stones of 1 1/2" in any dimension and sticks, roots, rubbish and other extraneous matter. Limit preparation to areas which will be planted promptly after preparation.

Seed bed is to conform to ground elevations as shown on the Construction Drawings, or as was existing prior to construction. Light raking and natural settlement should be taken into account. The complete seed bed should blend uniformly into the surrounding topography.

Good surface drainage of the bed must be provided. Visible ponding will not be allowed. Apply specified commercial fertilizer at the specified rates, and thoroughly mix into the upper 2" of the seed bed. Delay application of fertilizer if lawn planting will not follow within a few days.

In established lawn areas, fine grade seed bed to a smooth, even surface with loose, uniform fine texture. Roll, rake, and crop lawn areas, remove ridges and fill depressions as required to meet finished grades. Limit fine grading to areas which can be planted immediately after grading.

Moisten prepared lawn areas before grassing if soil is dry. Water thoroughly and allow surface moisture to dry before planting. Do not create a muddy soil condition. Restore seed beds to specified conditions if eroded or otherwise disturbed after fine grading and prior to planting.

**SEEDING**

Do not use wet seed or seed which is moldy or otherwise damaged in transit or storage.

Sow seed using a spreader or seeding machine. Do not use seed when wind velocity exceeds 5 miles per hour. Distribute seed evenly over entire area by sowing equal quantity in two directions at right angles to each other.

Sow not less than the quantity of seed specified.

Rake seed lightly into the top 1/8 inch of soil, roll lightly, and water with a fine spray. Protect seeded slopes against erosion by spreading specified lawn mulch after completion of seeding operations. Spread uniformly to form a continuous basket not less than 1 1/2 inch, loose measurement, over seeded areas.

**HYDROSEEDING MIX LARNS**

Mix specified seed, fertilizer, and pulverized mulch in water, using equipment specifically designed for hydroseed application. Continue mixing until uniformly blended into homogeneous slurry, suitable for hydraulic application.

Apply slurry uniformly to all areas to be seeded. Rate of applications is to be as required to obtain specific seed sowing rate.

**MULCHING RATE**

After fertilizing, seeding, raking, and tilling, dried straw is to be uniformly spread over the area of the site of 80 pounds per 1000 square feet. Straw is to be sprayed with liquid asphalt to bond and anchor it.

Liquid asphalt (kerosene thinned) is to be applied at a rate of 150 gallons per ton of straw (approximately 7 gallons per 1000 square feet).

**Preparation of Planting Soil:** Mix lime with dry soil prior to mixing of fertilizer. Prevent lime from contacting roots of acid-loving plants.

Apply phosphoric acid fertilizer (other than that constituting a portion of complete fertilizers) directly to subgrade before applying planting soil and tilling.

**Preparation of Soil Bed:** Loosen subgrade of areas to be grassed to a minimum depth of 4". Remove stones of 1 1/2" in any dimension and sticks, roots, rubbish and other extraneous matter. Limit preparation to areas which will be planted promptly after preparation.

Soil bed is to conform to ground elevations as shown on the Construction Drawings, or as was existing prior to construction. Light raking and natural settlement should be taken into account. The complete seed bed should blend uniformly into the surrounding topography.

Good surface drainage of the bed must be provided. Visible ponding will not be allowed. Apply specified commercial fertilizer at the specified rates, and thoroughly mix into the upper 2" of the seed bed. Delay application of fertilizer if lawn planting will not follow within a few days.

**SODDING**

Do not use sod which is moldy or otherwise damaged in transit or storage. Protect seeded slopes against erosion by spreading specified lawn mulch after completion of sodding operations.

**MAINTENANCE**

Begin maintenance immediately after planting.

Maintain seeded areas for not less than 60 days after substantial completion, and longer as required to establish an acceptable stand. If seeded in fall and not given full 60 days of maintenance, or if not considered acceptable at that time, continue maintenance the following spring until an acceptable stand is established.

Maintain grassing by watering, fertilizing, weeding, mowing, and other operations such as rolling, regrading and replanting as required to establish a smooth, acceptable lawn, free of eroded bare areas.

**INSPECTION AND MAINTENANCE**

When grassing is completed, including maintenance, the Landscape Architect will, upon request, make an inspection to determine acceptability.

Grassing may be inspected for acceptance in parts agreeable to the Landscape Architect, provided work offered for inspection is complete, including maintenance.

When inspected grassing does not comply with the requirements, replace rejected work and continue specified maintenance until reinspected by the Landscape Architect and found acceptable.

**SEASONAL SEEDING MIXTURES AND RATES OF APPLICATION**

Seasonal seeding mixtures and rates of application shall be as follows. All rates are in pounds per 1000 square feet.

Seeding within right-of-ways of state roadways will be accomplished in accordance with the requirements pertaining to maintenance lanes.

Unless otherwise required by the State or the Engineer (pursuant to potential erosion of ditches or steep slopes) seed within road right-of-way will be treated like established lawns.

**GENERAL PLANTING NOTES**

1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES IN THE PLANT LIST. ANY DISCREPANCIES BETWEEN QUANTITIES ON PLAN AND PLANT LIST SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OR LANDSCAPE ARCHITECT. ANY FIELD ADJUSTMENTS OR QUANTITY ADJUSTMENTS MUST BE AUTHORIZED PRIOR TO PLANTING.

2. ALL TREES, SHRUBS AND PLANTS SHALL CONFORM TO ACCEPTED STANDARDS ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

3. ALL PLANT MATERIAL SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING.

4. THE TOP OF THE ROOT BALLS SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS BORN TO PREVIOUS GRADING CONDITIONS.

5. ALL ROOT BALLS REMOVED FROM CANS SHALL BE SCARIFIED PRIOR TO BACKFILLING.

6. ALL PLANTS SHALL BE GUARANTEED TO BE IN HEALTHY CONDITION FOR ONE (1) YEAR AFTER ACCEPTANCE BY OWNER OF ALL PLANT MATERIAL.

7. MULCH A MIN. FOUR (4) FOOT AREA AROUND EACH TREE, MULCH A CONTINUOUS AREA AROUND ALL SHRUB BEDS, AS INDICATED ON THE PLAN, WITHIN 2 DAYS AFTER PLANTS ARE INSTALLED. MULCH SHALL BE 3-4 IN. OF PINE NEEDLE MULCH OR DOUBLE HAMMERED SHREDDED MULCH.

8. LANDSCAPE CONTRACTOR SHALL REMOVE TOP 1/3 OF ALL WIRE BASKETS, TOP 1/3 OF BURLAP AND ASSOCIATED TWINE AND STRAPPING FROM TREE ROOT BALLS PRIOR TO FINAL ACCEPTANCE OF PLANTS.

9. TOPSOIL SHALL BE PROVIDED BY LANDSCAPE CONTRACTOR AND USED FOR BACKFILLING ALL PITS FOR PLANTS. PROVIDE TOPSOIL WHICH IS FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUB-SOIL, CLAY LUMPS, BRUSH, WEEDS AND OTHER LITTER AND FREE OF ROOTS, STUMPS, STONES, LARGER THAN 1" IN ANY DIMENSION, AND OTHER EXTRANEIOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. TOPSOIL SHALL HAVE 2-3% MIN. ORGANIC MATTER, A 60% MAX. CLAY CONTENT, AND PH VALUE OF 6-6.5.

10. ALL BEDS SHOULD BE TILLED PRIOR TO ADDING PLANTING MIX. PLANTING MIX SHALL CONSIST OF 4" TOPSOIL AS PER NOTE 9, 4" OF GROUND PINE BARK SOIL CONDITIONER AND 2" MUSHROOM COMPOST. AFTER PLACEMENT OF PLANTING MIX, ALL BEDS SHALL BE DEEP TILLED TO 12" DEPTH.

11. CONTRACTOR IS RESPONSIBLE FOR HAVING ALL UNDERGROUND UTILITIES LOCATED AND CLEARLY MARKED WITHIN 10 DAYS OF ANY GROUND DISTURBING ACTIVITY. OWNER WILL NOT PAY FOR UTILITY REPAIRS DUE TO FAILURE TO MARK AND OBSERVE UTILITY LOCATIONS.

OR - 1



TYPICAL BED MARKING



SHRUB PLANTING DETAIL

SCALE=NTS

TREE PLANTING DETAIL

SCALE=NTS

**TOPSOIL PLANTING MIX - MINIMUM REQUIREMENTS:**

- WHERE PAVEMENT CUTOUTS ON RENOVATED SITES ARE REQUIRED AND/OR WHERE NEW PLANTING STRIPS OR ISLANDS ARE REQUIRED, ALL PAVEMENT, CONSTRUCTION DEBRIS AND GRAVEL SUB-BASE MUST BE REMOVED BEFORE PREPARING SOIL AND PLANTING TREES. EXISTING COMPACTED SOIL MUST BE REMOVED AND REPLACED WITH 24" OF TOPSOIL/PLANTING MIX -OR- EXISTING SOIL MAY BE UNCOMPACTED TO A DEPTH OF 24" AND AMENDED TO MEET TOPSOIL STANDARDS.
- SOIL IN ALL PLANTING STRIPS OR ISLANDS, WHETHER EXISTING OR NEW (ON NEW OR RENOVATED SITES), MUST MEET THE MINIMUM TOPSOIL/PLANTING MIX SPECIFICATIONS. SOIL AMENDMENTS OR FRESH TOPSOIL/PLANTING MIX ARE OFFER NEEDED FOR PLANTING AREAS AT SITES WHERE ORIGINAL TOPSOIL IS OF POOR QUALITY, HEAVILY COMPACTED OR WHERE TOPSOIL HAS BEEN COMPLETELY REMOVED DURING GRADING.
- TOPSOIL/PLANTING MIX SHOULD BE NATURAL, FERTILE, AGRICULTURAL SOIL, CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH. IT SHOULD BE UNIFORM COMPOSITION THROUGHOUT, WITH A MIXTURE OF SUBSOIL. IT SHOULD BE FREE OF STONES, LUMPS, LIVE PLANTS AND THEIR ROOTS, STICKS AND OTHER EXTRANEIOUS MATTER. TOPSOIL SHOULD NOT BE USED WHILE IN A FROZEN OR MUDDY CONDITION.
- TOPSOIL/PLANTING MIX SHALL HAVE AN ACIDITY RANGE OF PH 5.5-7.0 AND THE FOLLOWING COMPOSITION:
  - CLAY (RED CLAY, PULVERIZED) MINIMUM 10
  - COMPOST MINIMUM 5
  - COARSE SAND (FREE OF ROCKS) MINIMUM 30 MINIMUM 30
- ALL PLANTING AREAS SHOULD BE TESTED FOR PROPER DRAINAGE. DRAINAGE SHOULD BE CORRECTED AS NECESSARY TO INSURE PROPER TREE SURVIVAL. THE FOLLOWING LEVEL OF NUTRIENT ELEMENTS IS RECOMMENDED FOR PROPER GROWTH:
  - NITROGEN 55 % - 80% MAXIMUM 50%
  - PHOSPHORUS 10%-30% MAXIMUM 45%
  - POTASSIUM 5%-8%

NOTE: ALL REMAINING DISTURBED AREAS TO BE SEEDDED.

SOIL PREPARATION REQUIREMENTS:  
 Planting Notes:  
 All tree pits, shrub and prepared planting beds are to be completely excavated in accordance with the planting details, parking lot islands, including end caps, the foundation planter strip and perimeter landscaped areas shall be prepared according to the planting notes and the detail sheet. Areas of natural, uncontaminated soil may be amended only without full excavation but are subject to soil test report or inspection prior to landscape installation.  
 Soil Notes:  
 Specify full excavation, length, width and depth, the removal of stones, fill dirt, pavement, subgrade material and all construction debris from islands, proposed areas of new plant installation and the foundation planter strip. Excavate to native material and backfill with viable topsoil and planting mix to a depth of not less than 24 inches. Depth of 30" may be required in some instances where site conditions warrant greater soil volume and amendments. Soil in planting areas may be crowned.  
 Soil required for planting mixes shall be provided by the contractor who shall load, haul, mix and distribute all topsoil and amendments such as organics, humus, composted material or native material as required. It shall be free of any other extraneous matter other than friable soil. Planting mix shall be natural, fertile agricultural topsoil, including amendments, and capable of sustaining vigorous plant growth.  
 All topsoil and planting mix is subject to inspection prior to and during the planting period. The CRH may reject all material, including soil backfill, that does not meet the specifications.  
 A sample of the proposed planting mix shall be made available for City of Rock Hill Landscape Architect 15 working days prior to installation and approval on installations. A soil test may be required previous to approval. A landscape inspection will not pass without an acceptable planting medium, as well as, inspection of parking lot islands and foundation planting areas that are to be approved by the City's Landscape Architect.

- ALL TREES TO BE GROWN IN A RECOGNIZED NURSERY IN ACCORDANCE WITH RECOMMENDATION AND REQUIREMENTS OF ANSI Z601.1 STANDARD FOR NURSERY STOCK.
- REMOVE ALL TREATED OR PLASTIC-COATED BURLAP STRAPPING WIRE OR NYLON TWINE FROM ROOT BALL AFTER SETTING IN HOLE. CUT AWAY TOP 12" OF WIRE BASKET, IF ANY.
- INSTALL TOP OF PLANT BALL EVEN WITH OR 1" ABOVE EXISTING GRADE.
- SOAK PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION. PLACE 4-6" OF SEEDING MULCH OR PINE NEEDLES AROUND BASE OF TREE. 3" DIAMETER MINIMUM.
- TREE BRACING STRAPS ARE OPTIONAL. USE POLYPROPYLENE WEBBING ONLY. NO WIRE OR ROPE TO BE IN DIRECT CONTACT WITH TRUNK. REMOVE ALL TREE STRAPS AND TRUNK WRAP AFTER ONE GROWING SEASON.
- ANCHOR TYPED FOR PLANTING ON THE STRICT RIGHT-OF-WAY MUST BE APPROVED IN ADVANCE BY THE CITY ARBORIST AS TO SPECIES, SIZE AND LOCATION(S) ONLY.
- CUT WIRES ARE NOT PERMITTED IN STREET RIGHT-OF-WAY.
- NO BACKFILL ALLOWED ON TOP OF ROOT BALL.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING BURIED UTILITIES PRIOR TO INSTALLATION.
- OPTIONAL TREE STAKING/BRACING MUST BE REMOVED AFTER 1 GROWING BY LANDSCAPE CONTRACTOR

APPROVALS	PREPARED BY <b>JOEL E. WOOD &amp; ASSOCIATES</b> PLANNING • ENGINEERING • MANAGEMENT	SEALS	PROJECT <b>1005 RICHLAND ST PARKING AND SITE UPGRADE</b>  ROCK HILL, SOUTH CAROLINA DEVELOPED FOR <b>SKYRISE INVESTMENT INC</b>	SHEET TITLE <b>LANDSCAPING DETAILS</b>	REVISIONS			BY	SCALE:
					NO.	DATE			N.T.S.
Project Engr: Drawn By: Checked By:  Review: Bid: Construction:									DATE: 4/15/2023
								JOB NO.: 221209	
								SHEET <b>C703</b>	