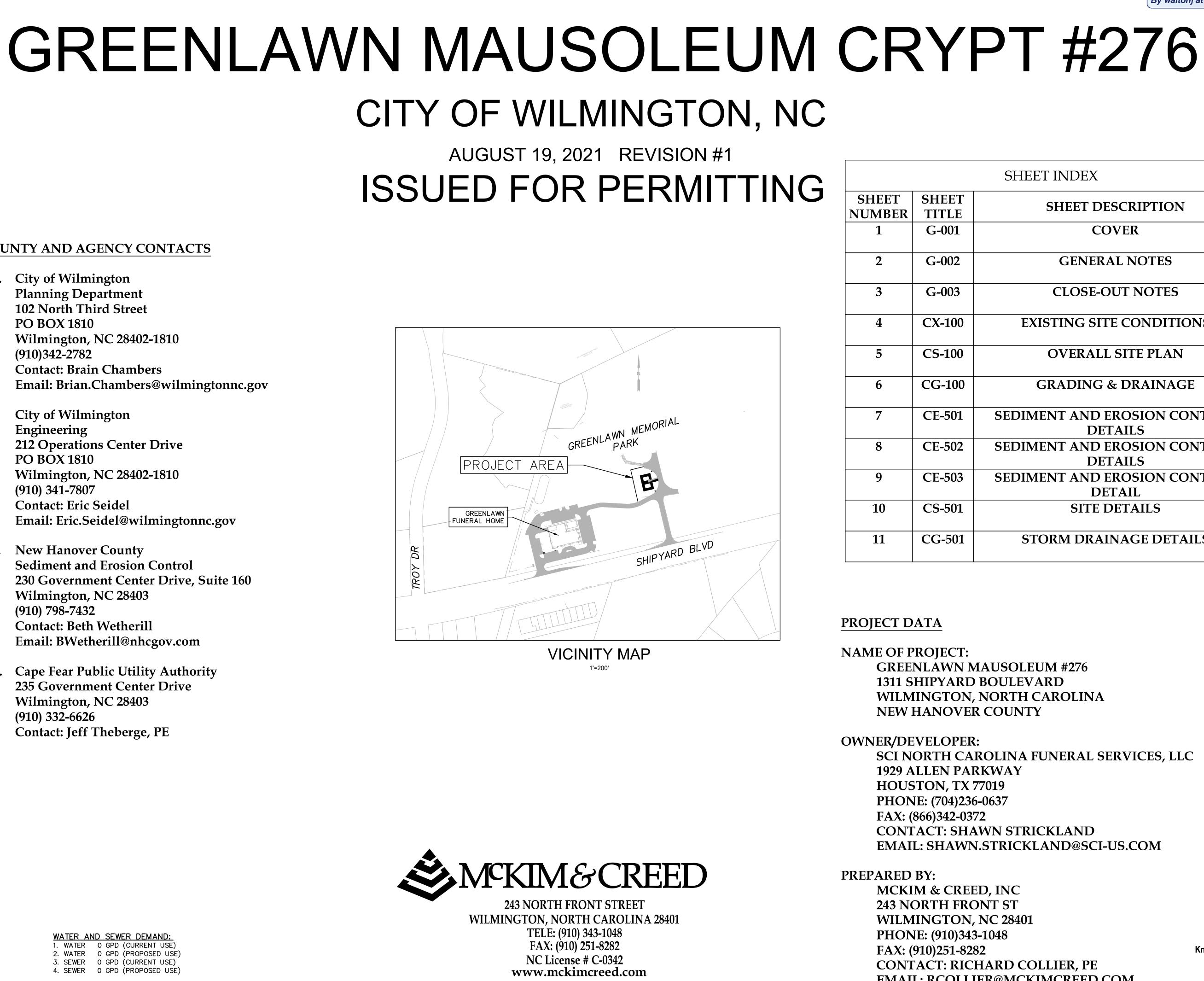
COUNTY AND AGENCY CONTACTS

- A. City of Wilmington **Planning Department 102 North Third Street** PO BOX 1810 Wilmington, NC 28402-1810 (910)342-2782 **Contact: Brain Chambers** Email: Brian.Chambers@wilmingtonnc.gov
- **B.** City of Wilmington Engineering 212 Operations Center Drive PO BOX 1810 Wilmington, NC 28402-1810 (910) 341-7807 **Contact: Eric Seidel** Email: Eric.Seidel@wilmingtonnc.gov
- C. New Hanover County **Sediment and Erosion Control** 230 Government Center Drive, Suite 160 Wilmington, NC 28403 (910) 798-7432 **Contact: Beth Wetherill** Email: BWetherill@nhcgov.com
- D. Cape Fear Public Utility Authority **235 Government Center Drive** Wilmington, NC 28403 (910) 332-6626 **Contact: Jeff Theberge, PE**

W	ATER A	ND	SEW	'ER	DEMA	<u>ND:</u>
1.	WATER	0	GPD	(CL	JRRENT	USE)
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2.	WATER	0 GPD (PROPOSED U	SE)
3.	SEWER	0 GPD (CURRENT US	E)
4.	SEWER	0 GPD (PROPOSED U	SE)



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NAME OF PROJECT: **GREENLAWN MAUSOLEUM #276 1311 SHIPYARD BOULEVARD** WILMINGTON, NORTH CAROLINA **NEW HANOVER COUNTY**

OWNER/DEVELOPER: SCI NORTH CAROLINA FUNERAL SERVICES, LLC **1929 ALLEN PARKWAY** HOUSTON, TX 77019 PHONE: (704)236-0637 FAX: (866)342-0372 **CONTACT: SHAWN STRICKLAND** EMAIL: SHAWN.STRICKLAND@SCI-US.COM

> MCKIM & CREED, INC 243 NORTH FRONT ST WILMINGTON, NC 28401 PHONE: (910)343-1048 FAX: (910)251-8282 **CONTACT: RICHARD COLLIER, PE** EMAIL: RCOLLIER@MCKIMCREED.COM



Know what's **below.** Call before you dig. 07

2021 19, AUGUS⁻

CONSTRUCTION NOTES

SPECIFICATIONS.

- CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF WILMINGTON STANDARDS AND
- . CONTRACTOR IS FULLY RESPONSIBLE FOR ACQUIRING THE LOCATION OF EXISTING UTILITIES FROM THE APPROPRIATE PARTIES PRIOR TO CONSTRUCTION.
- 3. CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES, USING FLAGMEN, ETC. AS NECESSARY TO INSURE SAFETY TO THE PUBLIC.
- . THESE DRAWINGS SHOW INFORMATION OBTAINED FROM THE AVAILABLE RECORDS REGARDING PIPES, CONDUITS, TELEPHONE LINES. AND OTHER STRUCTURES AND CONDITIONS WHICH EXIST ALONG THE LINES OF WORK AND BELOW THE SURFACE OF THE GROUND. THE OWNER AND ENGINEER DISCLAIM ANY RESPONSIBILITIES FOR THE ACCURACY OR COMPLETENESS OF SAID INFORMATION, AND SUCH INFORMATION IS BEING SHOWN ONLY FOR THE CONVENIENCE OF THE CONTRACTOR WHO MUST VERIFY THE INFORMATION TO HIS OWN SATISFACTION DURING THE BIDDING AND CONSTRUCTION PHASES. IF THE CONTRACTOR RELIES ON SAID INFORMATION, HE DOES SO AT HIS OWN RISK. THE GIVING OF THE INFORMATION ON THE CONTRACT DRAWINGS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATIONS TO SUPPORT AND PROTECT ALL PIPES, CONDUITS, TELEPHONE LINES, AND OTHER STRUCTURES, WHETHER ABOVE OR BELOW GRADE.
- 5. SHOULD ANY DAMAGE OCCUR TO EXISTING UTILITIES, IT SHALL BE REPAIRED SOLELY AT THE CONTRACTOR'S EXPENSE.
- 3. THE CONTRACTOR SHALL VERIFY EXISTING INVERTS PRIOR TO CONSTRUCTION OF UNDERGROUND UTILITIES. TEST PITTING OF EXISTING LINES PRIOR TO CONSTRUCTION, IF NECESSARY, SHALL BE COORDINATED WITH THE OWNER.
- . ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, PROJECT SPECIFICATIONS, AND LOCAL BUILDING CODES.
- 8. ALL DISTURBED AREAS SHALL BE SMOOTHLY GRADED TO PROMOTE POSITIVE DRAINAGE AND STABILIZED WITH TOPSOIL, SEED, AND MULCH. IF SETTLEMENT OCCURS, TOPSOIL, SEEDING, AND MULCH SHALL BE REPEATED UNTIL SETTLEMENT SUBSIDES. (SEE EROSION AND SEDIMENT CONTROL DETAILS AND SPECIFICATIONS.)
- D. WATER MAINS WILL BE INSTALLED AT A DEPTH THAT WILL PROVIDE 36" COVER OVER THE PIPES BELOW PROPOSED GRADE UNLESS SHOWN OTHERWISE ON THESE PLANS OR DIRECTED OTHERWISE BY THE ENGINEER.
- 10. ALL WATER VALVES, BOXES, AND FIRE HYDRANT ASSEMBLES SHALL BE SET AND ADJUSTED TO FINISHED GRADE.
- 11. THE OWNER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, BOTH TEMPORARY AND PERMANENT. 12. THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL SURVEY CONTROL PRIOR TO STAKING OUT
- CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH WORK.
- 13. ANY PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE REPLACED SOLELY AT THE CONTRACTOR'S EXPENSE.
- 14. THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR ANY DEVIATION FROM THESE PLANS. 15. FIRE HYDRANTS SHALL BE PLACED A MINIMUM DISTANCE OF 6 FEET FROM BACK OF CURB AND SHALL HAVE A CLEAR SPACE OF 3 FEET FROM ANY PERMANENT STRUCTURE PER CFPUA STANDARDS.
- 16. ALL SELECT AND BORROW MATERIAL SHALL MEET CRITERIA SET FORTH BY SECTIONS 1016 AND 1018 OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S STANDARDS AND SPECIFICATIONS FOR ROADS AND STRUCTURES. SEE SECTION FOR PLACEMENT AND COMPACTION INFORMATION.
- 17. THE ENGINEER AND THE CONTRACTOR SHALL INSPECT ALL EXISTING PIPES USED IN THE FINAL DRAINAGE SYSTEM AND AGREE ON THE CONDITION OF THE PIPES PRIOR TO CONSTRUCTION. IF DAMAGE OCCURS TO THESE PIPES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF THE PIPE(S)
- 18. EXISTING PAVING, CONCRETE, AND OTHER UNSUITABLE MATERIALS INCLUDING UNDERCUT EXCAVATION SHALL NOT BE USED AS FILL MATERIAL AND SHALL BE DISPOSED OF OUTSIDE THE PROJECT LIMITS AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITTING AND FEES FOR DISPOSAL.
- 19. ALL TREES, STUMPS, ROOT MAT, ETC. SHALL BE ENTIRELY REMOVED REGARDLESS OF DEPTH. BURIAL OF ORGANIC MATERIAL WITHIN THE PROJECT LIMITS IS NOT PERMITTED. OPEN BURNING OF DOWNED TREES AND STUMPS IS NOT PERMITTED. CHIPPED MATERIALS MUST BE REMOVED PRIOR TO THE PLACEMENT OF EMBANKMENT OR TOPSOIL.
- 20. THE CONTRACTOR IS SOLELY RESPONSIBLE TO OBTAIN OFF-SITE SPOIL AREAS FOR DISPOSAL OF EXCESS AND/OR UNSUITABLE MATERIALS AS NECESSARY. OFF-SITE SPOIL AREAS MUST BE SUBMITTED TO THE ENGINEER AND APPLICABLE REGULATORY AGENCIES PRIOR TO UTILIZATION BY THE CONTRACTOR. NO AREAS DESIGNATED AS WETLANDS WILL BE PERMITTED FOR USE AS A DISPOSAL SITE. THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE ENGINEER THAT NO WETLANDS WILL BE IMPACTED. THE ENGINEER WILL NOT CONSIDER ANY DELAYS OR MONETARY CLAIMS OF ANY NATURE RESULTING FROM THE CONTRACTOR'S FAILURE OR DIFFICULTY IN FINDING NECESSARY DISPOSAL SITES TO MEET THE TIME FRAMES AND CAPACITIES REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PLANS, PERMITS, EROSION AND SEDIMENT CONTROL MEASURES, ETC. REQUIRED BY THE APPROPRIATE REGULATORY AGENCIES FOR UTILIZING OFF-SITE SPOIL AREAS. THE CONTRACTOR SHALL CERTIFY TO THE ENGINEER THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED PRIOR TO UTILIZING THE OFF-SITE SPOIL AREAS. ALL COSTS FOR PROCURING AND UTILIZING THE OFF-SITE SPOIL AREAS ARE TO BE INCIDENTAL TO THE BASE BID.

DEMOLITION NOTES

- . THE CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIARIZED WITH FIELD DEMOLITION CONDITIONS.
- . THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL DEMOLISHED DEBRIS ASSOCIATED WITH THE PROJECT IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- . THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST GENERATED BY THE WORK, INCLUDING BUT NOT LIMITED TO DEMOLITION AND CONSTRUCTION ACTIVITIES, SITE VEHICULAR TRAFFIC AND RELATED OPERATIONS.
- . THE CONTRACTOR IS RESPONSIBLE FOR HAVING ALL EXISTING UTILITIES LOCATED PRIOR TO BEGINNING ANY DEMOLITION. CONTRACTOR SHALL CONTACT NC ONE CALL AT LEAST 72 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED.
- EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE GROUND, ARE BASED ON FIELD SURVEY AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BEGINNING RELATED CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE AND ENGINEER IMMEDIATELY.
- . THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF DISCONNECTING AND ABANDONING ALL EXISTING UTILITIES WITH THE OWNER UNLESS OTHERWISE NOTED. ALL EXISTING UTILITIES AND ASSOCIATED PIPING, ETC. NOT IN USE ON THE SITE SHALL BE PROPERLY ABANDONED AND REMOVED AS REQUIRED. COORDINATE WITH THE
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ANY EXISTING UTILITIES THAT REMAIN IN SERVICE DURING DEMOLITION.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR STABILIZATION OF ALL DISTURBED AREAS AND SLOPES ON AND OFF SITE IN ACCORDANCE WITH THE EROSION CONTROL MEASURES SPECIFIED ON THE PLANS AND IN THE SPECIFICATIONS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO DETERMINE WHO IS RESPONSIBLE FOR PROVIDING THE PERMANENT STABILIZATION MEASURES AND THE TYPE OF PERMANENT MEASURES PRIOR TO BEGINNING DEMOLITION AND CONSTRUCTION. THE PERMANENT STABILIZATION MEASURES SHALL BE IN PLACE AND ACCEPTABLE TO THE OWNER'S REPRESENTATIVE AND ENGINEER PRIOR TO PROJECT CLOSEOUT. COORDINATE INSPECTION WITH THE OWNER AND ENGINEER PRIOR TO PROJECT CLOSEOUT.
- . THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND CONTACTING THE ENGINEER FOR THE REQUIRED INSPECTIONS ON THE PROJECT.
- 10. WETLANDS DO NOT EXIST ON SITE. WETLANDS WILL NOT BE DISTURBED DURING CONSTRUCTION OF THIS PROJECT.

	1

- I. ANY UNDERCUTTING IN GOOD SOIL SHALL BE REPLACED AND THE OF MAXIMUM DENSITY OBTAINED AT OPTIMUM MOISTURE CONTENT. AS NOTIFY THE GEOTECHNICAL ENGINEER IMMEDIATELY. SUCH UNSUITABLE MATERIAL SHALL BE REMOVED TO A DEPTH AS SPECIFIED BY THE OF STONE, OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
- DEPTH OF ONE (1) FOOT ABOVE THE TOP OF THE PIPE. CARE SHALL BE MADE JOINTS. THE FILLING OF THE TRENCH SHALL BE CARRIED OUT INJURIOUS SIDE PRESSURES DO NOT OCCUR.
- 3. THE MATERIAL FOR BACKFILLING SHALL BE FREE FROM ALL PERISHABLE AND FROM EXCAVATION. THE BACK-FILLING OVER PIPES SHALL BE PLACED IN LAYERS NOT OVER SIX (6) INCHES THICK AND COMPACTED TO A MINIMUM MINIMUM DENSITY OF NINETY-EIGHT (98) PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR COMPACTION TEST.

STORM DRAINAGE AND GRADING NOTES

- . IN ACCORDANCE WITH NC GENERAL STATUTES, NPDES REGULATIONS, AND NCDENR REQUIREMENTS. STORMWATER DISCHARGE OUTFALLS SHALL BE AND ENGINEER, BY THE CONTRACTOR.
- CONSTRUCTED TO FINAL PROPOSED CONDITION UPON STABILIZATION OF PIPES.
- DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- INDICATE FINISHED GRADE OR PAVEMENT SURFACE. ALL DIMENSIONS ARE MEASURED TO THE BACK OF CURB UNLESS OTHERWISE INDICATED.
- . COORDINATION WITH CITY SURVEYOR TO DETERMINE MONUMENTATION IS REQUIRED. NOTE ON PLANS.
- 5. CONTRACTOR TO COORDINATE WITH CITY OF WILMINGTON CONSTRUCTION LANE AS REQUIRED.

MATERIALS AND EASEMENT NOTES:

- ALL CATCH BASINS ARE NCDOT STD 840.02, 840.03
- ALL DROP INLETS ARE NCDOT STD 840.14, 840.16
- ALL STORM DRAINAGE PIPING TO BE CLASS III RCP OR HDPE. UNLESS OTHERWISE NOTED
- ALL STORM DRAINAGE PIPING CONVEYING DISCHARGE FROM THE PUBLIC RIGHT-OF-WAY SHALL BE CONTAINED WITHIN A PUBLIC DRAINAGE EASEMENT WHOSE WIDTH IS DETERMINED BY THE DEPTH OF BURY
- ALL SANITARY SEWER LINES AND WATERLINES SHALL BE C-900 PVC. UNIESS OTHERWISE NOTED AND MEET CAPE FEAR PUBLIC UTILITY SPECIFICATIONS
- A PUBLIC UTILITY EASEMENT SHALL BE RESERVED WITHIN THE STREET RIGHT-OF-WAY. A 10' NON-MUNICIPAL EASEMENT SHALL BE RESERVED ALONG BOTH SIDES OF ALL STREETS
- WATER AND SANITARY SEWER UTILITIES ARE PUBLIC CAPE FEAR PUBLIC UTILITY AUTHORITY

UTILITY COMPANY CONTACTS

DUKE/PROGRESS ENERGY: BRIAN GRAY (910) 452-2777 DUKE ENERGY (TRANSMISSION): BILL WILDER (910) 772-4903 AT&T: JAMES BATSON (910) 452-5300 SPECTRUM: ROBERT JOHN (910) 216-4494 PIEDMONT NATURAL GAS: PAUL GONKA (910) 512-2841 DJ MEDEIROS (910) 431-3233 CAPE FEAR PUBLIC UTILITY AUTHORITY: JEFF THEBERGE, PE (910)

332-6550

\square			
1	CHANGED BUILDING DESIGN		08–19–2021
REV.NO.		DESCRIPTIONS	DATE
		DEVICIONS	

EXCAVATION, GRADING, AND BACKFILLING NOTES

REPLACEMENT MATERIAL SHALL BE COMPACTED TO NINETY-FIVE (95) PERCENT DETERMINED BY THE ASTM D 698 STANDARD PROCTOR TEST METHOD. IN THE EVENT THAT MATERIAL ENCOUNTERED AT PIPE GRADE. SUBGRADE OF PARKING

OR ROADWAYS AND SUBGRADE OF BUILDING FOUNDATIONS IS FOUND TO BE SOFT. SPONGY, OR IN ANY OTHER WAY UNSUITABLE. THE CONTRACTOR SHALL GEOTECHNICAL ENGINEER AND REPLACED WITH A MINIMUM OF SIX (6) INCHES

BEFORE BACKFILLING IS COMMENCED OVER PIPES AND OTHER INSTALLATIONS, EARTH FILL SHALL BE SOLIDLY TAMPED AROUND AND ABOVE THE PIPE TO A TAKEN TO PREVENT ANY DISTURBANCE TO THE PIPE OR DAMAGE TO NEWLY SIMULTANEOUSLY ON BOTH SIDES OF THE PIPES IN SUCH A MANNER THAT

OBJECTIONABLE MATERIALS. BEFORE PLACING ANY BACKFILL, ALL RUBBISH, FORM, BLOCKS, WIRES OR OTHER UNSUITABLE MATERIAL SHALL BE REMOVED DENSITY OF NINETY-FIVE (95) PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR COMPACTION TEST TO A DEPTH OF 12 INCHES BELOW FINISHED GRADE. THE LAST 12 INCHES OF BACKFILL SHALL BE PLACED IN LAYERS NOT OVER SIX (6) INCHES THICK AND COMPACTED TO A

INSPECTED BY THE CONTRACTOR. INSPECTIONS SHALL BE PERFORMED BY THE CONTRACTOR AFTER EACH STORM EVENT OF 1/2 INCH OR GREATER, WITH ONE WEEKLY INSPECTION MINIMUM. NCDENR STANDARD INSPECTION REPORTS SHALL BE PREPARED AND SIGNED WITH COPIES PROVIDED TO THE OWNER, ARCHITECT,

. INLET PROTECTION SHALL BE INSTALLED AROUND OUTFALL. DEVICES SHALL BE CONTRIBUTING GROUND SURFACES AND REMOVAL OF SEDIMENT FROM STORM

3. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO CONTRACTOR FOR ANY WORK DONE DUE TO

UNLESS OTHERWISE NOTED, GRADES AND SPOT ELEVATIONS NOTED ON PLANS

INSPECTOR TO ENSURE EDGE OF CATCH BASIN GRATES ALIGN WITH TRAVEL

UTILITY NOTES

- 1. SCHEDULE A PRECONSTRUCTION MEETING WITH CAPE FEAR PUBLIC UTILITY AUTHORITY 48 HOURS PRIOR TO CONSTRUCTION OF WATER AND SEWER LINES.
- WATER AND SANITARY SEWER UTILITY MAINS ARE PRIVATE BEYOND THE PUBLIC STREET RIGHT-OF-WAY.
- 3. THIS PROJECT SHALL COMPLY WITH THE CFPUA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METER(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND NCDENR HAS ISSUED THE "FINAL APPROVAL".
- 4. ALL COMMERCIAL WATER SERVICES AND ANY IRRIGATION SYSTEMS SUPPLIED BY CFPUA WATER SHALL HAVE A BACKFLOW PREVENTION DEVICE ACCEPTABLE TO CFPUA AND APPROVED BY USCFCCCHR OR ASSE.
- 5. BACKFLOW PREVENTION AND METERS WILL BE PROVIDED FOR BOTH FIRE LINES (RPDA) AND DOMESTIC SERVICE (RPZ). FIRE LINE BACKFLOW PREVENTER AND DOMESTIC SERVICE BACKFLOW PREVENTER WILL BE LOCATED AS SHOWN ON THE UTILITY PLANS. INSTALLER OF BACKFLOW PREVENTERS MUST CONTACT CFPUA PRIOR TO INSTALLING UNITS TO GIVE CFPUA THE OPTION TO VERIFY INSTALLATION PROCEDURES.
- 5.1. REDUCED PRESSURE PRINCIPLE ASSEMBLY FOR DOMESTIC WATER SERVICE
- 5.2. REDUCE PRESSURE DETECTOR ASSEMBLY WILL BE UTILIZED FOR THE BACKFLOW PREVENTER ON THE FIRE SERVICE.
- 6. IF THE CONTRACTOR DESIRES CFPUA WATER FOR CONSTRUCTION HE SHALL APPLY IN ADVANCE FOR THIS SERVICE AND MUST PROVIDE A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE ON THE DEVELOPER'S SIDE OF THE WATER METER BOX.
- WATER: 1.5" AND 2" PVC SERVICES SHALL BE CONSTRUCTED USING ASTM D2241, IPS, GASKETED PIPE, SDR 21. 4"-12" PVC MAINS AND SERVICES SHALL BE CONSTRUCTED USING AWWA C-900 PVC, CL235 (DR-18). REQUIREMENTS OF AWWA C900 ELASOMERIC PUSH-ON JOINTS.
- 8. SANITARY SEWER: FOR PIPE SIZES 4" AND 6" PIPE SHALL BE SCH 40 CONFORMING TO THE REQUIREMENTS OF ASTM D1785 WITH SOLVENT WELD JOINTS CONFORMING TO ASTM D2672. FOR PIPE SIZES 8" THROUGH 12", PIPE SHALL BE CLASS 150, DR18 CONFORMING TO THE REQUIREMENTS OF AWWA C900 WITH ELASTOMERIC PUSH-ON JOINTS CONFORMING TO ASTM D3212 OR ASTM D3139.
- WATER AND SEWER SERVICES CANNOT BE ACTIVATED ON NEW MAINS UNTIL ENGINEER'S CERTIFICATION AND AS-BUILTS ARE RECEIVED AND "FINAL APPROVAL" ISSUED BY PUBLIC WATER SUPPLY SECTION OF NCDENR AND "FINAL ENGINEERING CERTIFICATION" ISSUED BY DIVISION OF WATER QUALITY OF NCDENR.
- 10. WATERLINE TRACER WIRE: SEE CFPUA DETAIL WD-17.
- 11. SITE UTILITY CONTRACTOR TO PROVIDE WATER AND SANITARY SEWER SERVICE TO WITHIN 5 FEET OF THE BUILDING. CONTRACTOR SHALL COORDINATE SITE PLAN CONNECTIONS WITH THE ARCHITECTURAL BUILDING PLANS.
- 12. MAXIMUM BENDING RADIUS FOR 8" C-900 PVC WATER MAIN BENDS IS 380' (ONE-HALF MANUFACTURER'S RECOMMENDED ALLOWABLE LONGITUDINAL BENDING).
- 13. <u>UNDERGROUND UTILITIES:</u> ALL NEW UTILITIES SHALL BE INSTALLED UNDERGROUND, EXCEPT WHERE SUCH PLACEMENT IS PROHIBITED OR DEEMED IMPRACTICAL BY THE UTILITY PROVIDER. UNDERGROUND TERMINAL FACILITIES FOR STREET LIGHTING ALONG THE PUBLIC STREETS ABUTTING THE SUBJECT SITE SHALL BE INSTALLED BY THE DEVELOPER.
- 14. MINIMUM OF 36" COVERAGE ABOVE ALL WATERMAINS.
- 15. MINIMUM OF 36" VERTICAL SEPARATION BETWEEN WATERLINES AND STORMDRAIN CURB INLETS
- 16. A VARIANCE IS NOT ANTICIPATED FROM ANY NORTH CAROLINA DIVISION OF WATER QUALITY (DWQ) REQUIREMENT.
- 17. PLANS ARE IN COMPLIANCE WITH CAPE FEAR PUBLIC UTILITY AUTHORITY TECHNICAL STANDARDS AND SPECIFICATIONS.
- RELATION OF WATER MAINS TO SANITARY SEWERS:
- 1. LATERAL SEPARATION OF SANITARY SEWERS AND WATER MAINS: WATER MAINS SHALL BE LAID AT LEAST 10 FEET LATERALLY FROM EXISTING OR PROPOSED SEWERS UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A 10 FOOT LATERAL SEPARATION, IN WHICH CASE:
- 1.1. THE WATER MAIN IS LAID IN A SEPARATE TRENCH, WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE
- TOP OF THE SEWER. OR 1.2. THE WATER MAIN IS LAID IN THE SAME TRENCH AS THE SEWER WITH THE WATER MAIN LOCATED AT ONE SIDE ON A BENCH OF UNDISTURBED EARTH, AND ABOVE THE TOP OF THE SEWER.
- 2. CROSSING A WATER MAIN OVER A SEWER MAIN: WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS OVER A SEWER THE WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 24 INCHES ABOVE THE TOP OF THE SEWER MAIN. UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT AN 18 INCH VERTICAL SEPARATION - IN WHICH CASE BOTH THE WATER MAIN AND THE SEWER MAIN SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS THAT ARE EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING.
- 3. CROSSING A WATER MAIN UNDER A SEWER MAIN: WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER MAIN BOTH THE WATER MAIN AND THE SEWER MAIN SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING.
- 4. CROSSING A SEWER MAIN/WATER MAIN OVER OR UNDER A STORM DRAIN: WHENEVER IT IS NECESSARY FOR A SEWER MAIN/WATER MAIN TO CROSS A STORM DRAIN PIPE, THE SEWER MAIN/WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE OUTSIDE OF THE SEWER MAIN/WATER MAIN NEAREST TO THE OUTSIDE OF THE STORM DRAIN PIPE SHALL MAINTAIN A 24 INCH CLEAR SEPARATION DISTANCE HORIZONTAL, OR THE SEWER MAIN/WATER MAIN SHALL EITHER BE CONSTRUCTED OF DUCTILE IRON PIPE OR ENCASED IN EITHER CONCRETE OR DUCTILE IRON PIPE FOR AT LEAST 5 FEET ON EITHER SIDE OF THE CROSSING.

EROSION CONTROL NOTES

- SUBJECT TO A FINE.
- PERMIT FROM NEW HANOVER COUNTY.

- 5. SLOPES SHALL BE GRADED NO STEEPER THAN 3:1.
- INSPECTOR, ENGINEER, AND OWNER.
- MEASURES.
- COMPLETE PRIOR TO ANY RAIN EVENT.

EROSION CONTROL MAINTENANCE PLAN:

- MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
- AND APPROPRIATELY STABILIZE IT.
- CONTROLS.

- 10. INSPECT BAFFLES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. GRADE, AND STABILIZE IT.
- CLOGGED, REMOVE THE DEBRIS.
- STABILIZED WITHIN 15 WORKING DAYS.

MCKIM&CREED

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www.mckimcreed.com

SCI NORTH CAROLINA FUNERAL SERVICES, LLC. 1929 ALLEN PKWY. HOUSTON, TX 77019

I. ANY GRADING BEYOND THE DENUDED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE COUNTY EROSION CONTROL ORDINANCE AND IS

2. GRADING MORE THAN ONE ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION OF STATE LAW AND IS SUBJECT TO A FINE. ANY BUILDER THAT ANTICIPATED THE DISTURBANCE OF MORE THAN ONE ACRE WILL BE REQUIRED TO GET AN EROSION CONTROL

3. GROUND COVER MUST BE PROVIDED ON EXPOSED SLOPES WITHIN 21 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING; AND, A PERMANENT GROUND COVER FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS (WHICHEVER IS SHORTER) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.

4. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY A REPRESENTATIVE OF NEW HANOVER COUNTY.

6. ADDITIONAL DEVICES MAY BE REQUIRED AS AGREED UPON BY THE FIELD

7. IF ACTIVE CONSTRUCTION CEASES IN ANY AREA FOR MORE THAN 15 WORKING DAYS OR 90 CALENDAR DAYS (WHICHEVER IS SHORTER), ALL DISTURBED AREAS MUST BE SEEDED, MULCHED, AND TACKED.

8. WITHIN 24 HOURS FOLLOWING ANY RAIN EVENT, THE CONTRACTOR SHALL INSPECT AND REPAIR, AS NECESSARY, ALL DAMAGED EROSION CONTROL

9. ALL ACTIVITY AND INSTALLATION OF EROSION CONTROL MATTING WILL BE

1. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED AND REPAIRED. AS NECESSARY, EVERY SEVEN (7) DAYS AND WITHIN 24 HOURS OF EVERY ONE-HALF (0.5) INCH OR GREATER RAINFALL.

2. 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.

SEDIMENT SHALL BE REMOVED FROM BEHIND THE SILT FENCE WHEN IT BECOMES ABOUT 0.5 FEET DEEP. THE SEDIMENT FENCE WILL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN A BARRIER.

4. ALL AREAS WILL BE FERTILIZED, RESEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO

5. STONE CONSTRUCTION ENTRANCE TO BE CLEANED WHEN SEDIMENT ACCUMULATIONS ARE VISIBLE OR SEDIMENT IS TRACKED ON TO THE PAVEMENT. STONE WILL BE PERIODICALLY TOP DRESSED WITH 2 INCHES OF #4 STONE TO MAINTAIN 6 INCH DEPTH. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS REQUIRED.

6. INSPECT TEMPORARY DIVERSIONS AND CHECK DAMS ONCE A WEEK AND AFTER EVERY RAINFALL. IMMEDIATELY REMOVE SEDIMENT FROM THE FLOW AREA AND REPAIR THE DIVERSION RIDGE AND CHECK DAM. CAREFULLY CHECK OUTLETS AND MAKE TIMELY REPAIRS AS NEEDED. WHEN THE AREA PROTECTED IS PERMANENTLY STABILIZED, REMOVE THE RIDGE AND THE CHANNEL TO BLEND WITH THE NATURAL GROUND LEVEL

7. INSPECT TEMPORARY SEDIMENT BASINS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2" OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. REMOVE SEDIMENT AND RESTORE THE BASIN TO ITS ORIGINAL DIMENSIONS WHEN IT ACCUMULATES TO ONE-HALF THE DESIGN DEPTH. PLACE REMOVED SEDIMENT IN AN AREA WITH SEDIMENT

8. CHECK THE SEDIMENT BASIN EMBANKMENT, SPILLWAYS, AND OUTLET FOR EROSION DAMAGE, AND INSPECT THE EMBANKMENT FOR PIPING AND SETTLEMENT, MAKE ALL NECESSARY REPAIRS IMMEDIATELY, REMOVE ALL TRASH AND OTHER DEBRIS FROM THE RISER AND POOL AREA.

9. INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (0.5" OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED. INLET PROTECTION SHOULD BE CLEANED OUT WHEN IT IS HALF FULL.

MAKE ANY REQUIRED REPAIRS IMMEDIATELY. BE SURE TO MAINTAIN ACCESS TO THE BAFFLES. SHOULD THE FABRIC OF A BAFFLE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY. REMOVE SEDIMENT DEPOSITS WHEN IT REACHES HALF FULL TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE BAFFLES. TAKE CARE TO AVOID DAMAGING THE BAFFLES DURING CLEAN OUT. SEDIMENT DEPTH SHOULD NEVER EXCEED HALF THE DESIGNED STORAGE DEPTH. AFTER THE CONTRIBUTING DRAINAGE AREAS HAS BEEN PROPERLY STABILIZED, REMOVE ALL BAFFLE MATERIALS AND UNSTABLE SEDIMENT DEPOSITS, BRING THE AREA TO

11. INSPECT THE SKIMMER FOR CLOGGING. PULL THE SKIMMER TO THE SIDE OF THE BASIN AND REMOVE ANY DEBRIS. ALSO CHECK THE ORIFICE INSIDE THE SKIMMER AND THE ARM OR BARREL PIPE FOR CLOGGING; IF

12. ALL SEEDED AREAS WILL BE FERTILIZED, RESEEDED AS NECESSARY AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER. ALL SLOPES WILL BE STABILIZED WITHIN 21 CALENDAR DAYS. ALL OTHER AREAS WILL BE

CITY OF WILMINGTON STANDARD NOTES

CONTACT THE NORTH CAROLINA ONE CALL CENTER PRIOR TO DOING ANY DIGGING AT 1-800-632-4949.

- 2. PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING SHALL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES AND NO CONSTRUCTION WORKERS, TOOLS, MATERIALS, OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
- 3. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS. CONTACT CITY OF WILMINGTON TRAFFIC ENGINEERING AT (910)341-7888 AND CONSTRUCTION MANAGEMENT (910)341-7807 TO DISCUSS PAVEMENT MARKINGS PRIOR TO INSTALLATION.
- 4. ONCE STREETS ARE OPEN TO TRAFFIC, THE DEVELOPER SHALL CONTACT TRAFFIC ENGINEERING (910-341-7888) TO REQUEST INSTALLATION OF TRAFFIC AND STREET NAME SIGNS. PROPOSED STREET NAMES MUST BE APPROVED PRIOR TO INSTALLATION OF STREET NAME SIGNS.
- 5. TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
- 6. ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
- 7. CONTACT TRAFFIC ENGINEERING AT (910)341-7888 TO DISCUSS STREET LIGHTING OPTIONS.
- 8. IF THE CONTRACTOR DESIRES WATER FOR CONSTRUCTION HE SHALL APPLY WITH THE CAPE FEAR PUBLIC UTILITY AUTHORITY IN ADVANCE FOR THIS SERVICE AND MUST PROVIDE A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE ON THE DEVELOPER'S SIDE OF THE WATER METER BOX.
- 9. WATER AND SEWER SERVICES SHALL MEET CAPE FEAR PUBLIC UTILITY AUTHORITY (CFPUA) DETAILS AND SPECIFICATIONS.
- 10. CONTACT TRAFFIC ENGINEERING TO ENSURE THAT ALL TRAFFIC SIGNAL FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
- 11. TACTILE WARNING MATS ARE TO BE INSTALLED ON ALL WHEELCHAIR RAMPS.
- 12. NO LAND DISTURBANCE INCLUDING TREE REMOVAL IS TO OCCUR OUTSIDE THE LIMITS OF DISTURBANCE SHOWN ON THE PLANS.
- 13. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
- 14. CONTACT TRAFFIC ENGINEERING AT (910)341-7888 TO COORDINATE PARKING SIGNAGE AND/OR MARKINGS PRIOR TO INSTALLATION.
- 15. CONTACT TRAFFIC ENGINEERING AT (910)341-7888 FORTY -EIGHT (48) HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
- 16. A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. CONTACT 341-5888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.
- 17. CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER SERVICE LOCATIONS, SIZES, AND MATERIALS PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED OF ANY CONFLICTS.

FIRE PROTECTION NOTES

- 1. HYDRANT MUST BE WITHIN 150' OF THE FDC.
- 2. THE FDC MUST BE WITHIN 40' OF FIRE APPARATUS PLACEMENT.
- 3. LANDSCAPING OR PARKING CANNOT BLOCK OR IMPEDE THE FDC OR FIRE HYDRANTS. A 3-FOOT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE HYDRANT AND FDC.
- 4. HYDRANTS MUST BE LOCATED WITHIN 8' OF THE CURB PER CITY OF WILMINGTON STANDARDS. HYDRANTS WILL BE LOCATED WITHIN 6' OF THE CURB PER CFPUA STANDARDS.
- 5. COMBUSTIBLE MATERIALS MAY NOT BE STORED OR ERECTED ONSITE WITHOUT CITY FIRE INSPECTOR APPROVAL.
- 6. NEW HYDRANTS MUST BE AVAILABLE FOR USE PRIOR TO CONSTRUCTION.
- UNDERGROUND FIRE LINE AND PRIVATE WATER MAINS MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC RIGHT-OF-WAY TO THE BUILDING. CONTACT THE WILMINGTON FIRE DEPARTMENT DIVISION OF FIRE AND LIFE SAFETY AT 910-343-0696 FOR ADDITIONAL INFORMATION.
- MINIMUM OF 5' SHALL SEPARATE UNDERGROUND FIRE LINES OR PRIVATE WATER MAINS FROM UNDERGROUND UTILITIES
- CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS TO ALL PORTIONS OF THE JOBSITE WHERE COMBUSTIBLES ARE PRESENT AT ALL TIMES DURING CONSTRUCTION.
- 10. TEMPORARY STREET SIGNS SHALL BE INSTALLED AT EACH STREET INTERSECTION WHEN CONSTRUCTION OF NEW ROADWAYS ALLOWS PASSAGE BY VEHICLES.
- 11. FIRE DEPARTMENT ACCESS WIDTHS SHALL BE A MINIMUM OF 20-FEET UNLESS LESSER WIDTHS ARE APPROVED BY THE FIRE CODE OFFICIAL.
- 12. BAG HYDRANTS THAT ARE NOT IN SERVICE.

GENERAL NOTES	J	STATUS: FIN ISSUE	AL DESIGI	-	REVISION
		PROJ. MGR.	RMC		2 11
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA		DESIGNED CHECKED	GHS RMC	VERTICAL:	2
REENLAWN MAUSOLEUM CRYPT #276		<u>MCE PROJ. #</u> DRAWN	07397-0002 GHS	HORIZONTAL:	G-002 DRAWING NUMBER
	J	DATE:	8/19/21	SCALE	M&C FILE NUMBER

<u>CAPE</u>	FEAR	PUBLIC	UTILITY	AUTHORITY	CONSTRUCTION	PROCEDURE

- THE DESIGN ENGINEERING SHALL SUBMIT 3 SETS OF FINAL DESIGN PLANS AND APPROVED SPECIFICATIONS PRIOR TO SCHEDULING THE PRE-CONSTRUCTION MEETING.
- 2. SUBMITTALS FOR MATERIALS SHOULD BE MADE IN ACCORDANCE WITH CFPUA SPECIFICATION SECTION 01340. MATERIAL SHOP DRAWING SUBMITTALS ARE REQUIRED FOR ALL PHYSICAL ASSETS TO ENSURE THEY COMPLY WITH CFPUA TECHNICAL SPECIFICATIONS AND DETAILS. THESE SUBMITTALS ARE PROJECT-SPECIFIC, AND MUST INCLUDE OR HIGHLIGHT ONLY THE SPECIFIC MATERIALS TO BE USED IN THE PROJECT. THE SUBMITTAL APPROVAL PROCESS IS GENERALLY AS FOLLOWS:

MATERIAL VENDOR FURNISHES SUBMITTALS TO THE CONTRACTOR BASED ON THE PROJECT REQUIREMENTS.

CONTRACTOR REVIEWS THE SUBMITTALS FOR COMPLIANCE WITH THE APPROVED CONSTRUCTION DRAWINGS, CFPUA TECHNICAL SPECIFICATIONS AND DETAILS, AND FORWARDS TO THE DEVELOPER'S ENGINEER-OF-RECORD WHEN COMPLETE.

THE DEVELOPER'S ENGINEER-OF-RECORD VERIFIES COMPLIANCE, STAMPS AND SIGNS THE SUBMITTAL, AND FORWARDS THE PACKAGE TO THE CFPUA CONSTRUCTION MANAGER. IF IT IS DETERMINED THAT THE MATERIAL SHOP DRAWING SUBMITTAL IS NOT IN COMPLIANCE, THE ENGINEER SHALL RETURN IT TO THE CONTRACTOR FOR CORRECTION AND RESUBMISSION AS NOTED ABOVE.

CFPUA'S CONSTRUCTION MANAGER REVIEWS THE SUBMITTAL FROM THE DEVELOPER'S ENGINEER-OF-RECORD, VERIFIES COMPLIANCE, AND NOTIFIES THE ENGINEER THAT THE MATERIALS ARE APPROVED FOR CONSTRUCTION. IF IT IS DETERMINED THAT THE MATERIAL SHOP DRAWING SUBMITTAL IS NOT IN COMPLIANCE, THE SUBMITTAL WILL BE RETURNED TO THE ENGINEER FOR CORRECTION AND RESUBMISSION AS NOTED ABOVE.

- 3. ANY REQUEST FOR DEVIATIONS FROM THE STAMPED DRAWINGS AND MATERIAL SUBMITTALS MUST BE SUBMITTED TO THE CFPUA CONSTRUCTION MANAGER. THE DEVIATION WILL BE REVIEWED BY CFPUA STAFF. THE ENGINEER, CONTRACTOR AND CFPUA INSPECTOR WILL BE NOTIFIED IF IT IS APPROVED, NEEDS TO BE REVISED AND RESUBMITTED OR REJECTED. ANY CHANGES TO THE STAMPED CONSTRUCTION DOCUMENTS MADE IN THE FIELD BY THE CONTRACTOR MUST BE APPROVED BY THE ENGINEER OF RECORD AND CFPUA CONSTRUCTION MANAGER. THE CFPUA INSPECTOR CANNOT APPROVE MAJOR CHANGES FROM THE STAMPED CONSTRUCTION DOCUMENTS.
- 4. THE CFPUA INSPECTOR SHALL BE NOTIFIED WHEN ANY MATERIAL IS DELIVERED TO THE JOB SITE. THE CFPUA INSPECTOR WILL VERIFY THAT ALL MATERIALS MEET CFPUA SPECIFICATIONS, DETAILS, AND/OR APPROVED SUBMITTAL. THE CFPUA INSPECTOR WILL NOTIFY THE CONTRACTOR AND THE CFPUA CONSTRUCTION MANAGER OF ANY UNAPPROVED MATERIAL, AND THAT THE UNAPPROVED MATERIAL MUST BE REMOVED FROM THE PROJECT SITE.
- CONTRACTOR SHALL GIVE TWO (2) BUSINESS DAYS NOTIFICATION FOR SCHEDULING TO THE ASSIGNED CFPUA INSPECTOR FOR EACH OF THE FOLLOWING:

OPERATING A CFPUA VALVE (INCLUDES TAPPING VALVES)

WHEN BEGINNING CONSTRUCTION AND IF THE CONTRACTOR PULLS OFF THE SITE

LAYING OUT OF ANY CONNECTION IN EXISTING MANHOLE

CUTTING IN ANY NEW MANHOLES ON EXISTING LINES

CORING ANY MANHOLES

CONNECTING TO AN EXISTING SEWER FORCE MAINS

CONNECTING ONTO EXISTING WATER LINES

ANY BORES AND THREADING CARRIER PIPES

ALL CAMERA WORK, TESTING, CHLORINATION AND WATER SAMPLING ALL TESTING

- PROCEDURE.
- MANHOLES) SHALL BE TESTED:

THIRTY (30) DAYS AFTER INSTALLATION AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. ALL SEWER LINE SEGMENTS AND ALL SERVICES SHALL BE CAMERA INSPECTED AND VIDEO RECORDED. THE CFPUA INSPECTOR WILL REVIEW THE VIDEO RECORDING FOR ACCEPTANCE.

AS AN ALTERNATIVE TO WAITING THIRTY (30) DAYS TO PERMIT STABILIZATION OF THE SOIL-PIPE SYSTEM, THE CFPUA MAY ACCEPT CERTIFICATION FROM A SOIL TESTING FIR VERIFYING THAT THE BACKFILL OF THE TRENCH HAS BEEN COMPACTED TO AT LEAST 95% MAXIMUM DENSITY.

INSPECTOR.

AFTER GRAVEL HAS BEEN INSTALLED ON ALL ROADWAYS.

PROJECT, SIZE, QUALITY OF THE DVD(S), ETC.

AND DATES OF INSPECTION.

THE SERVICE LINE CAMERA INSPECTION MUST INCLUDE PROJECT NAME, FOOTAGES, ADDRESS AND/OR LOT NUMBER, AND DATE OF INSPECTION.

THE CAMERA INSPECTION MUST BE PERFORMED UPON COMPLETION OF CLEANING AND POTABLE WATER INTRODUCED INTO THE SYSTEM TO BE TESTED. ALL DEFECTS IN THE PIPELINE AND APPURTENANCES SHALL BE REMEDIED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE CFPUA AND WILL BE RE-INSPECTED AS OUTLINED ABOVE.

6. TWO (2) SETS OF AS-BUILT RECORD DRAWINGS SHALL BE PROVIDED IN ACCORDANCE WITH CFPUA SPECIFICATION SECTION 01720 FOR REVIEW.

CITY OF WILMINGTON MATERIALS DOCUMENTATION AND TESTING (PROVIDED FOR INFORMATION ONLY/SUBJECT TO CHANGE):

TEST TYPE:	LOCATION FOR:	TEST TARGET:	SPEC:	FREQUENCY AND TEST SECTIONS:	DOCUMENTATION:
SOIL PROCTORS	FOR USE WITH SOIL DENSITY TESTS	OPTIMUM MOISTURE AND MAIXIMUM DRY DENSITY RESULTS	Soil Proctors	FOR USE WITH SOIL DENSITY TESTS	OPTIMUM MOISTURE AND MAIX DRY DENSITY RESULTS
	EMBANKMENTS	≥ 95% COMPACTION	DENSITY – NUCLEAR GAUGE	EMBANKMENTS	≥ 95% COMPACTION
	PIPE TRENCH AND OVERFILL	≥ 95% COMPACTION		PIPE TRENCH AND OVERFILL	≥ 95% COMPACTION
DENSITY – NUCLEAR GAUGE	SUBBASE (FINAL 12" FILL)	≥ 98% COMPACTION		SUBBASE (FINAL 12" FILL)	≥ 98% COMPACTION
DENSITY – ALTERNATES	FOR ALL, SEE ABOVE	SEE ABOVE	DENSITY - ALTERNATES	FOR ALL, SEE ABOVE	SEE ABOVE
PROOFROLL	SUBBASE AT GRADE	VISUAL CHECK OF STABILITY / MOISTURE	LOADED TANDEM TRUCK	ALL AREAS UNDER ROAD	PROOFROLL REPORT.
DYNAMIC CONE PENETROMETER	EXCAVATION BACKFILLS	# BLOWS PER 1.75" (TYP. 25-30)	ASTM D6951	ANY AREA TO CHECK FOR RELATIVE COMPACTION	REPORT.
DENSITY – NUCLEAR GAUGE	ROAD BASE (ABC)	EACH \geq 95% WITH AVG. \geq 98%	NUCLEAR GAUGE – ASTM D6938	"4 / BLOCK OR EVERY 500' WHERE PVMT < 32' WIDTH OR 8 / BLOCK OR EVERY 500' WHERE PVMT > 32' WIDTH"	DENSITY REPORTS.
	CURBLINES (ABC)	EACH \geq 95% WITH AVG. \geq 98%		4 / BLOCK OR EVERY 500'	
PROOFROLL	STONE BASE AT GRADE	VISUAL CHECK OF STABILITY / MOISTURE	LOADED TANDEM TRUCK	ALL AREAS UNDER ROAD	PROOFROLL REPORT.
SAMPLING, MAKING & CURING TEST SPECIMENS	CURBING, SIDEWALKS, DRIVEWAYS	PROPER COLLECTION AND CURING IN FIELD AND LABORATORY	SAMPLING CONCRETE – ASTM C172; ASTM C31; ASTM C39	4 CYLINDERS PER DAY/BATCH FOR EVERY 50 CUBIC YARDS	"FORM 312U MIX DESIGN. VERIFY JMF ON-SITE."
AIR TEST	SEE ABOVE	UP TO 8%, PER MIX DESIGN	PRESSURE AIR METER – ASTM C231	TRUCK #1; AIR, SLUMP, TEMP, CYLINDERS	NCDOT M&T 903 (BATCH TIX)
SLUMP TEST	SEE ABOVE	UP TO 5", PER MIX DESIGN	SLUMP TEST – ASTM C143	TRUCKS #2-4; AIR	250 DAILY PLANT REPORT WENT
COMPRESSIVE STRENGTH	CURBING, SIDEWALKS, DRIVEWAYS	BREAKS RESULTS © REQUIRED STRENGTH (I.E 3000PSI)	ASTM C39	"7 DAY BREAK (TYP © 75% OF STRENGTH), 28 DAY BREAK © DESIGN STRENGTH "	CONCRETE BREAK REPORTS.
ASPHALT MIX		SURFACE UP TO 3" DEPTH	PVMT DESIGN OR		VERIFY JMF ON-SITE.
(JOB MIX FORMULAE)	ROADWAY/PATH	INTERMEDIATE UP TO 4" DEPTH	CITY POLICY	FOR CONTROL STRIP WHEN NEEDED, REF. NCDOT 2012 STANDARD SPECIFICATIONS SECTION 609-7	ON DELIVERY - COLLECT TIC
		BASE UP TO 8" DEPTH			ASPHALT ROADWAY DAILY RE (NCDOT M&T 605 FORM)
ASPHALT TEMPERATURE	AIR TEMPARTURE	40° IN THE SHADE AND RISING	NCDOT	TEST BEFORE PLACEMENT	
	SURFACE TEMPARTURE	50*	SECTION 610-4	ALSO, NO WET PAVEMENT AFFECTING BONDING	
DENSITY – NUCLEAR GAUGE CONTROL WITH CORE CHECKS	- ROADWAY/PATH	90% COMPACTION - 9.5A	NUCLEAR DENSITY TESTS – ASTM D2950	"QC = 5 NUCLEAR GAUGE SHOTS PER 500'/EACH PAVER LAYDOWN WIDTH / LOT QA = VERIFICATION, TEST REQUESTS AND LOCATION"	FORMS – CITY OR NCDOT QC 516QC, QA-515, ETC
(CORE CONTROL AND CONTROL STRIPS WHEN NEEDED)		92% COMPACTION-SURFACE OTHER, INTERMDIATE, BASE	BULK DENSITY (CORES) – ASTM D2726	QC = 1 CORE CHECK PER 500'/EACH PAVER LAYDOWN WIDTH. PRIMARILY IN BASE LAYERS.	"CERTIFICATIONS: GAUGE CALIBRATION QMS ROADWAYTECHNICIAN, NU GAUGE OPERATOR, ETC"

REV.NO.		DATE
1	CHANGED BUILDING DESIGN	08–19–2021

CITY OF WILMINGTON RECORD DRAWING REQUIREMENTS: CAPE FEAR PUBLIC UTILITY AUTHORITY TESTING PROCEDURE:

1. ALL STRUCTURES. PRESSURE PIPING AND GRAVITY SEWER PIPING SHALL BE TESTED BY THE CONTRACTOR AS SPECIFIED IN THE CFPUA SPECIFICATIONS IN ACCORDANCE WITH APPLICABLE REGULATIONS AND AS DIRECTED BY THE CFPUA INSPECTOR. ALL TESTING MUST BE CONDUCTED IN THE PRESENCE OF THE CFPUA INSPECTOR. THE CONTRACTOR IS TO GIVE TWO (2) BUSINESS DAYS NOTIFICATION FOR SCHEDULING, TO THE ASSIGNED CFPUA INSPECTOR FOR ALL TESTING.

2. ALL PRESSURE PIPE LINES MUST BE SUBJECTED TO HYDROSTATIC TESTING IN ACCORDANCE WITH THE APPROPRIATE CFPUA SPECIFICATION. THESE PIPE LINES SHALL BE TESTED TO 150 PSI FOR A PERIOD OF TWO (2) HOURS. IF THE PRESSURE DROPS MORE THAN THREE (3) PSI, THE TEST FAILS. REFER TO THE APPROPRIATE CFPUA SPECIFICATION FOR MORE INFORMATION ON THE

3. ALL WATER MAINS AND SERVICES MUST BE FLUSHED, CHLORINATED AND SAMPLED IN ACCORDANCE WITH THE CFPUA SPECIFICATION 02660 AND AS DIRECTED BY THE CFPUA INSPECTOR.

4. SEWER LINE SEGMENT TESTING: EACH SEWER LINE SEGMENT (THE SEWER MAIN BETWEEN

AFTER TWO (2) PAPER COPIES OF THE AS-BUILTS HAVE BEEN SUBMITTED TO THE CFPUA

5. VIDEO INSPECTION TESTING: THE CONTRACTOR SHALL PROVIDE A DVD(S) OF EACH SEWER LINE SEGMENT AND SERVICE LINE TO ENSURE THAT THE LINES MEET MINIMUM STANDARDS. THE DVD(S) WILL BE REVIEWED IN THE ORDER THEY ARE RECEIVED. THE TYPICAL REVIEW TIME IS GENERALLY TEN (10) TO FIFTEEN (15) BUSINESS DAYS BUT WILL DEPEND ON THE COMPLEXITY OF THE

THE MAIN LINE CAMERA INSPECTION MUST HAVE PROJECT NAME, FOOTAGES, MANHOLE NUMBERS,

THE CAMERA INSPECTION MUST SHOW THE FULL DIAMETER OF THE PIPE.

RECORD DRAWINGS (AS-BUILTS) SHALL BE FILED IN THE ENGINEERING OFFICE FOR ASS MANAGEMENT AND FUTURE USE. RECORD DRAWINGS SHOULD INDICATE WHAT HAS BEEN THE SURVEYOR AND REFLECT WHAT IS ON AND IN THE GROUND AT A PARTICULAR SIT INFORMATION PERTAINS TO PUBLIC AND/OR PRIVATE INFRASTRUCTURE. SUCH AS STRE SEWER, AND DRAINAGE, ALL INFRASTRUCTURE SHOWN ON PLANS SHALL BE INDICATED PRIVATE. RECORD DRAWINGS SHALL BE SUBMITTED IN BOTH DIGITAL AND HARD COPY FILES SHALL BE AUTOCAD VERSION 2000 OR LATER. HARD COPIES SHALL HAVE AN EI AFFIXED AND THE SURVEYOR'S "STANDARDS OF PRACTICE" STATEMENT SIGNED AND SE

PLANS SHALL INCLUDE

LOCATIONS, TOP ELEVATIONS, INVERT ELEVATIONS FOR ALL MANHOLES

FIRE HYDRANTS, WATER METERS AND SANITARY SEWER CLEANOUTS

NOTE OR SHOW UTILITY CROSSINGS

STREETS AND CURBLINES (LABELED "PUBLIC" OR "PRIVATE") WITH SPOT ELEVATIONS THE TOP OF CURB. EDGE OF PAVEMENT AND AT THE CENTERLINE EVERY 200 FT STREETS SHOULD ALSO BE LABELED WITH THE COMPACTED STONE BASED THICKNES ASPHALT THICKNESS

PAVEMENT MARKINGS AND ALL TRAFFIC SIGNS

SIDEWALKS WITH SPOT ELEVATIONS PROVIDED AT THE INSIDE EDGE, OUTSIDE EDGE CENTERLINE EVERY 100 FT AND AT ALL GRADE BREAKS

SIZE, SLOPE AND MATERIAL FOR ALL STORM DRAINAGE PIPES

FOR STORM DRAINAGE: TYPE/MATERIAL OF STRUCTURE, TOP ELEVATION, INVERTS LOCATIONS OF STREET LIGHTING AND TYPE

VICINITY MAP

NORTH ARROW

DATE

SCALE FOR DRAWINGS SHALL BE 1"=20' OR 1"=30'; THE EXCEPTION BEING UTILITY MAY BE SUBMITTED AT 1"=40' OR LESS. NO PLANS ACCEPTED AT 1"=50' OR MOR LEGEND

DETAILS IF NEEDED

VERTICAL DATUM

LOT NUMBERS AND LOT LINES

RIGHT-OF-WAY AND EASEMENT LINES

ANY STATE OF NC PERMIT NUMBERS (IF APPLICABLE)

HARD COPIES OF PLANS SHALL BE SIGNED/SEALED/DATED BY A LICENSED SURVEY

/FKIM&CREED 243 North Front Street Wilmington, North Carolina 28401 Phone: (910)343-1048, Fax: (910)251-8282 License: F-1222 www.mckimcreed.com

SCI NORTH CAROLINA FUNERAL GRE SERVICES, LLC. 1929 ALLEN PKWY. HOUSTON, TX 77019

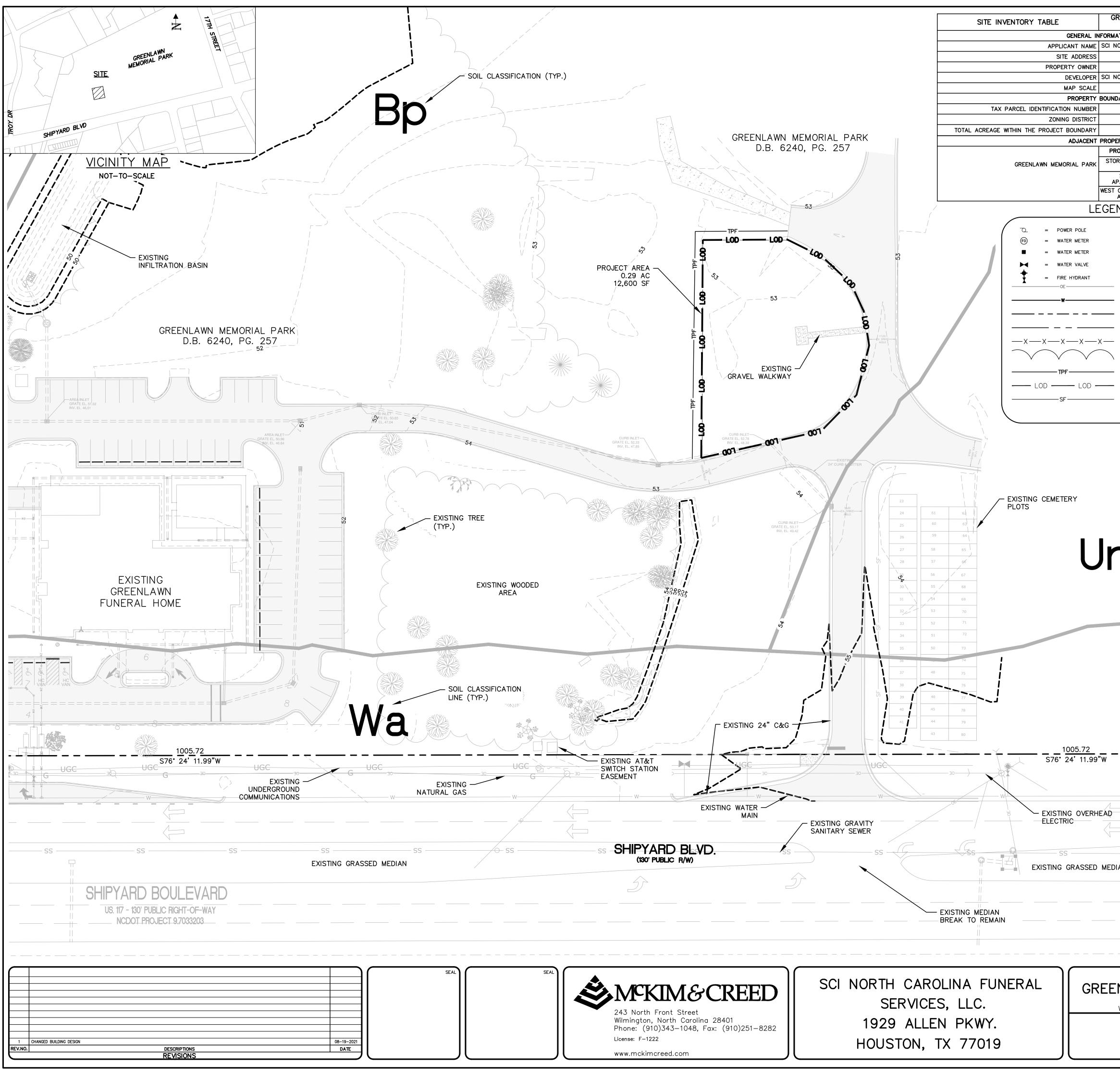
SET N LOCATED BY	<u>GENERAL</u>
TE. ALL EETS, WATER, PUBLIC OR FORM. DIGITAL ENGINEER'S SEAL	 ALL EQUIPMENT USED FOR CLEANING AND VIDEO INSPECTION SHALL BE SPECIFICALLY DESIGNED FOR THE WORK DESCRIBED HEREIN. ALL CAMERAS SHALL BE SELF-POWERED UNITS WITH COLOR, PAN-AND-TILT, MINIMUM RESOLUTION OF 640X480, AND THE ABILITY TO OPERATE IN 100% HUMIDITY CONDITIONS. THE LENS SHALL HAVE NOT LESS THAN A 65-DEGREE VIEWING ANGLE WITH EITHER AUTOMATIC OR REMOTE FOCUS AND IRIS CONTROLS.
SEALED.	 ALL WORK DESCRIBED HEREIN SHALL BE COMPLETED IN ACCORDANCE WITH NASSCO PIPELINE ASSESSMENT AND CERTIFICATION PROGRAM/ MANHOLE ASSESSMENT AND CERTIFICATION PROGRAM (PACP/MACP) GUIDELINES.
	3. THE CITY OF WILMINGTON (COW) RESERVES THE RIGHT TO REFUSE ANY RECORDING OR REPORT ON THE BASIS OF SUBSTANDARD QUALITY.
	EXECUTION
S PROVIDED AT AND AT ALL ESS AND	 ALL STORM PIPE INSTALLATIONS SHALL BE COMPLETELY INSTALLED A MINIMUM OF 30 DAYS PRIOR TO VIDEO INSPECTION. GENERALLY, INSPECTIONS SHALL OCCUR 30 DAYS PRIOR TO ASPHALT PAVING.
AND AT THE	 THE CONTRACTOR'S CLEANING OPERATIONS SHALL BE PERFORMED PRIOR TO THE VIDEO INSPECTION, AND SHALL FULLY CLEAN THE PIPES AND STRUCTURES AS WELL AS REMOVE ALL SEDIMENT, ROOTS, DEBRIS, ETC.
IN AND OUT.	3. INSPECTIONS OF EACH PIPE SEGMENT SHALL BEGIN IN THE CENTER OF THE START DRAINAGE STRUCTURE AND END IN THE CENTER OF THE END DRAINAGE STRUCTURE. THE CAMERA SHALL BE MOVED THROUGH THE LINE IN EITHER DIRECTION AT A UNIFORM RATE BUT NOT GREATER THAN 30 FEET PER MINUTE (0.5 FT/SEC).
IN AND OUT.	4. THE CAMERA SHALL BE STOPPED AT EACH PIPE JOINT, DEFECT, IMPERFECTION, ETC. AT THESE LOCATIONS, THE CAMERA SHALL BE PANNED, TILTED AND ROTATED TO FULLY VIEW AND DOCUMENT THE CONDITION OF THE JOINTS, DEFECTS, IMPERFECTIONS, ETC.
	5. THE DIGITAL RECORDING SHALL BE FREE OF ELECTRICAL INTERFERENCE AND SHALL PRODUCE A CLEAR AND STABLE IMAGE.
′ PLANS, WHICH RE.	6. VIDEO OVERLAY SHALL INCLUDE, AT A MINIMUM, THE OWNER NAME, PROJECT NAME, STREET NAME, DIAMETER OF PIPE, PIPE MATERIAL, DATE AND TIME OF INSPECTION, DIRECTION OF VIDEO (UPSTREAM OR DOWNSTREAM), DRAINAGE STRUCTURE NUMBER DESIGNATION FOR EACH DRAINAGE STRUCTURE ON THE PIPE SEGMENT INSPECTED THAT CORRESPONDS TO THE CONSTRUCTION PLANS. A CONSTANT OVERLAY DISPLAY OF THE STREET NAME, DRAINAGE STRUCTURE DESIGNATIONS (I.E. MH START#/MH END#), DATE AND DISTANCE SHALL APPEAR ON THE SCREEN. THE INSPECTOR SHALL MOVE THE CONSTANT OVERLAY DISPLAY SO IT DOES NOT INTERFERE WITH THE INSPECTION REVIEW.
	7. INSPECTION OF EACH PIPE SEGMENT SHALL BE PROVIDED IN A SEPARATE VIDEO FILE. IN SITUATIONS WHERE REVERSE INSPECTION IS NECESSARY, THE REVERSE INSPECTION SHALL BE PROVIDED IN A SEPARATE VIDEO FILE.
YOR	8. ALL OBSERVATIONS/DEFECTS SHALL BE NOTED BY THE INSPECTOR, WHERE A TEXT DISPLAY SHALL APPEAR DESCRIBING THE OBSERVATION/DEFECT. TEXT SHALL DISPLAY FOR A MINIMUM OF 4 SECONDS. THE VIDEO FILE RECORDING SHALL PAUSE AS THE OPERATOR SELECTS THE OBSERVATION/DEFECT NOTATION, ELIMINATING "ON HOLD" VIDEO.
	9. AN INSPECTION FORM SHALL BE COMPLETED AND SUBMITTED FOR EACH PIPE SEGMENT AND DRAINAGE STRUCTURE INSPECTED AND VIDEOED. AT A MINIMUM, OBSERVATION/DEFECT NOTES SHALL INCLUDE GENERAL INFO, DISTANCE WITHIN THE PIPE SEGMENT, DESCRIPTION, A SEVERITY RATING, AND A STILL PHOTOGRAPH.
IAIXIMUM	DELIVERABLES
	1. CORRESPONDENCE FROM THE ENGINEER OF RECORD CONFIRMING THAT HE/SHE HAS REVIEWED THE VIDEO INSPECTION PACKAGE FOR COMPLIANCE TO CONTENT AND HAS MADE AN EVALUATION WITH RECOMMENDATIONS FOR REPAIR AS NEEDED PER THE CITY GUIDELINES.
	 VIDEO INSPECTIONS CAPTURED LIVE OFF OF THE INSPECTION CAMERA TO BE SUBMITTED TO ON A DVD COMPATIBLE WITH WINDOWS MEDIA PLAYER. THE INSPECTIONS MUST BE IN ORDER AND COMPLETE.
	3. ALL INSPECTION REPORTS COMPLETED FOR EACH PIPE SEGMENT AND DRAINAGE STRUCTURE WHETHER VIDEOED OR NOT SHALL BE SUBMITTED.
TIX) WHEN	
S.	
TICKETS REPORT -	
QC-5,	
NUCLEAR	
I	DATE: 8/19/21 SCALE
ENLAWN M	AUSOLEUM CRYPT #276

REQUIREMENTS FOR VIDEO INSPECTION OF STORM SEWER SYSTEMS:

WILMINGTON,	HANUVER	COUNTY,	NUKIH	CARULINA
WILMINGTON,				

CLOSE-OUT NOTES

ESIGNED HECKED	GHS RMC	VERTICAL:
ROJ. MGR.		l
TATUS: FINAL	DESIG	N
ISSUED F	OR PERMI	TTING

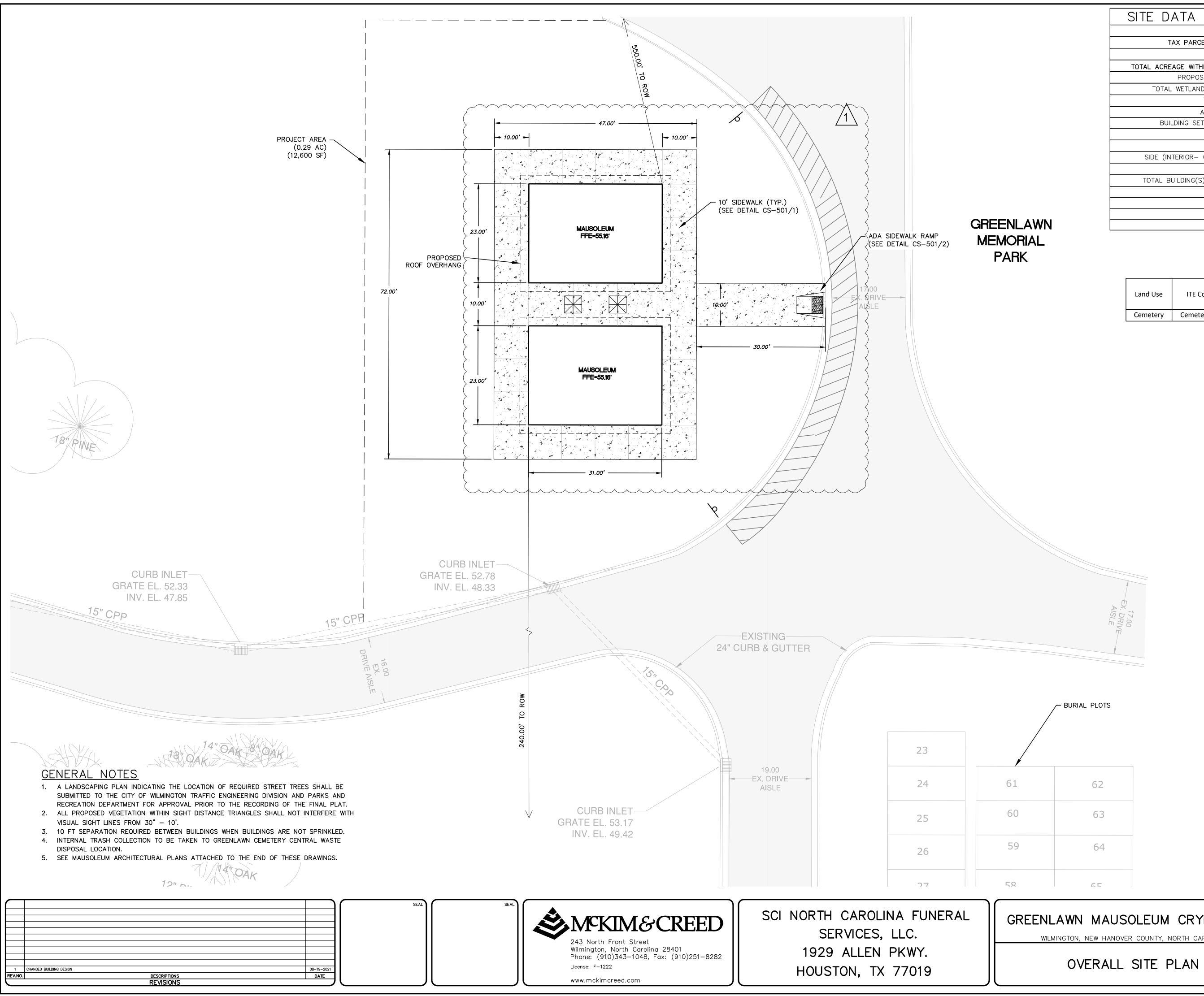


REENLAWN MAUS #276		SITE INVENTORY TABLE	GREENLAWN FUI	NERAL SERVICES
ATION	NERAL SERVICES, LLC			
1311 SHIPYAF		VICINITY MAP TOPOGRAPHY AND DRA		S SHEET
GREENLAWN MEM	IORIAL PARK	1-FT TOPOGRAPHY MINIMUM INTERVAL		S SHEET
	NERAL SERVICES, LLC	DATE OF TOPOGRAPHY DATA		/2021
1"=30		100-YR FLOODPLAIN LINE		RESENT
R06019-001-	-001-000	LOCATION OF NATURAL WATER FEATURES DITCHES	LOCATION N/A	CLASSIFICATION
CEM (18-		STREAMS	N/A	<u> </u>
0.29 ACRES (1	12,600 SF)	CREEKS	N/A	
ERTY		FLOOD PRONE AREAS	LOCATED OUTSIDE 1	00-YR FLOOD ZONE
RAGE VENTURES,	CS(SD)	AREAS OF NATURALLY CONCENTRATED SURFACE DRAINAGE	N,	/A
INC.		SOIL SOIL TYPE(S) AND BOUNDARIES	SFF C	X–100
PARTMENTS LP CARY INVESTMENT	MF-M	NORTH CAROLINA COASTAL AREA MANAG		
ASSOCIATION	СЕМ	CAMA AREA OF ENVIRONMENTAL CONCERN		RESENT
ND		SETBACKS	N	/A
		CAMA LAND USE CLASSIFICATION(S)		BAN
				RESENT
		PRESENCE OF CONSERVATION RESOURCE SETBACKS		A KESENT
		VEGETATED BUFFER		/A
		HISTORIC AND ARCHEOLOG		
= OVERHEAD ELE		LOCAL, STATE, OR FEDERALLY RECOGNIZED HISTORIC STRUCTURE(S) OR ARCHEOLOGICAL RESOURCES	NOT P	RESENT
= WATER LINE		LOCATION	N.	/A
= RIGHT-OFWAY	LINE	CEMETERIES	·····	
= PROPERTY LINE	: [CEMETERIES, BURIAL SITES, OR BURIAL GROUNDS		SENT
= FENCE				/^
= WOODS LINE	-	BOUNDARIES OF FORESTED AREAS DOMINANT SPECIES		/A /A
		WETLANDS	l N,	,
		404/SECTION 10 WETLAND LOCATION	NOT P	RESENT
= LIMITS OF DIST	UKBANCE	METHOD OF DETERMINATION		/A
= SILT FENCE) -			
		ENDANGERED SPECIES OR HABITAT AUTOMOBILE, BICYCLE, PEDESTRIAN, C		RESENT
	F	EXISTING OR PROPOSED THOROUGHFARES, BIKE ROUTES, PEDESTRIAN SIDEWALKS OR TRAILS, AND TRANSIT FACILITIES		/A
SOIL (LINE (CLASSIFICATION (TYP.)	GROUNDS LO 4. THERE ARE 1 LOCATED ON 5. SURVEY PRO FIRM LICEN 243 NORTH	VIDED BY MCKIM & SE F-1222 I FRONT ST. I, NC 28401	CIES OR HABITATS
			TREE LEGE	ND
R/W				
R/W	·	60' L	0 (SCALE: 1"=30' (30' 60' Horiz.)
	MAUSOLEU		8/19/21 SCAL 7397-0002 HORIZON GHS 1"=3 RMC VERTIC	VTAL: O'

EXISTING SITE CONDITIONS

STATUS: FINAL DESIGN ISSUED FOR PERMITTING

REVISION



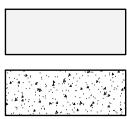
SITE DATA TABLE	GREENLAWN MAUSC	LEUM CRYPT #276	
PARCEL ADDRESS	1311 SHIPY	ARD BLVD.	
TAX PARCEL IDENTIFICATION NUMBER	R06019–00 [,]	1-001-000	
ZONING DISTRICT	CEM (18	-201)	
TOTAL ACREAGE WITHIN GREENLAWN BOUNDARY	0.29 ACRES	(12,600 SF)	
PROPOSED NUMBER OF BUILDINGS	1		
TOTAL WETLANDS WITHIN PROJECT TRACT	0.00 ACRES	S (O SF)	
TOTAL WETLANDS IMPACTS	0.00 ACRES	S (O SF)	
AREA INSIDE COD SETBACK	0.00 ACRES (0 SF)		
BUILDING SETBACKS AND SEPARATIONS	REQUIRED	PROPOSED	
FRONT	30 FT	240 FT	
REAR	25 FT	550 FT	
SIDE (INTERIOR- COMMERCIAL/RESIDENTIAL)	10 FT	308 FT	
SIDE (CORNER)		N/A	
TOTAL BUILDING(S) SIZE (SQUARE FOOTAGE)	/1 \ (1,89	0 SF	
BUILDING LOT COVERAGE	15.	0%	
NUMBER OF BUILDINGS		2	
BUILDING HEIGHT	>	-6" {	
BUILDING TYPE		/ }	

Land Use	ITE Code*	Code* 24 Hour		Am Peak Hour Trips		PM Peak Hour Trips	
		Volumes	Enter	Exit	Enter	Exit	
Cemetery	Cemetery 566	1	0	0	0	0	

SURFACE MATERIAL LEGEND

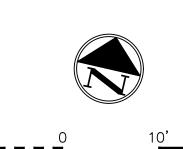
PARKING CALCULATIONS

ON STREET PARKING



LIGHT DUTY ROADWAY ASPHALT

SIDEWALK



SCALE: 1"=10' (Horiz.)

SCALE

HORIZONTAL

1"=10'

VERTICAL:

M&C FILE NUMBE

CS-100

5

5 11

REVISION

GREENLAWN MAUSOLEUM CRYPT #276 WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA



8/19/21

GHS

GHS

RMC

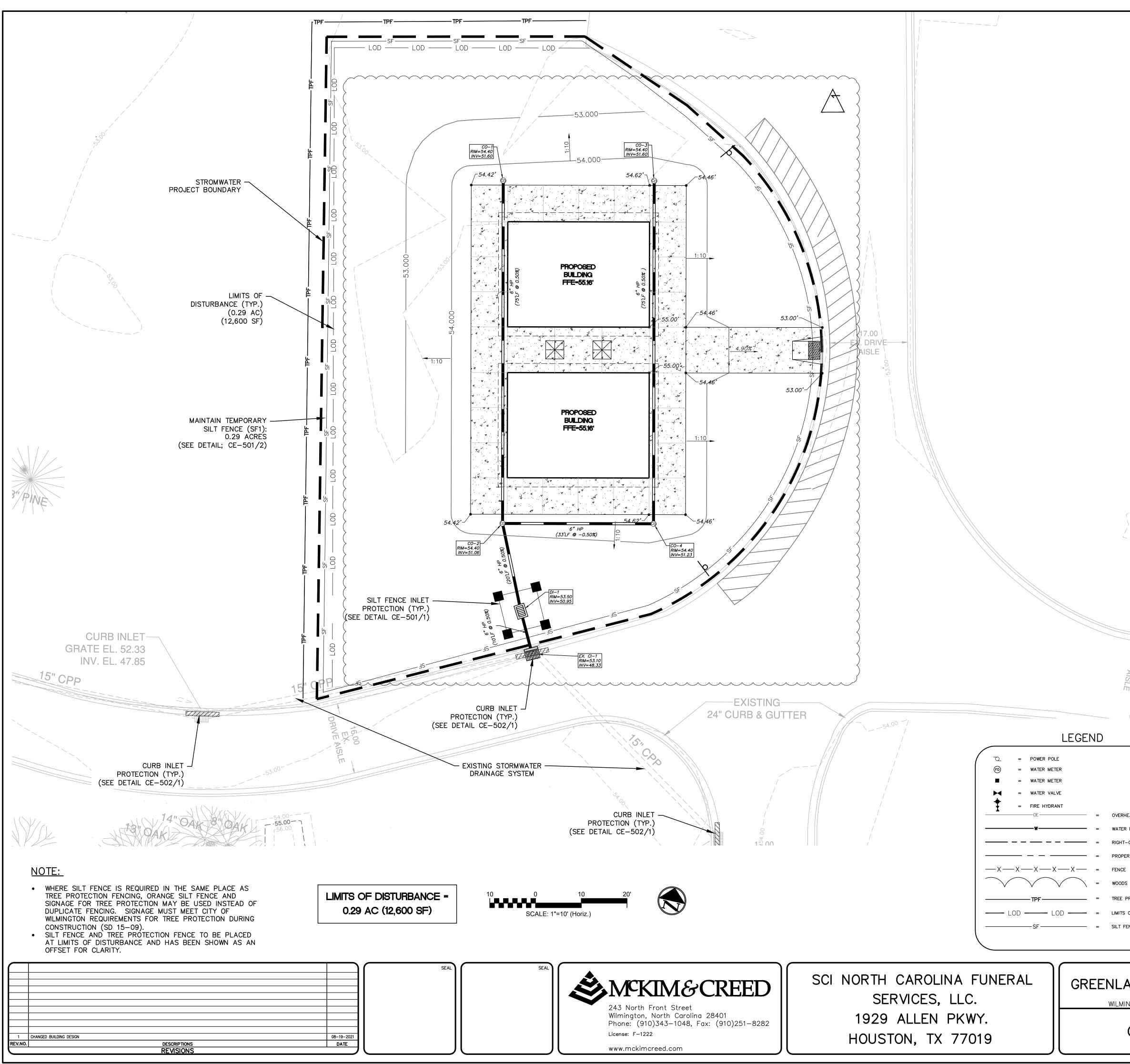
MCE PROJ. # 07397-0002

DRAWN

DESIGNED

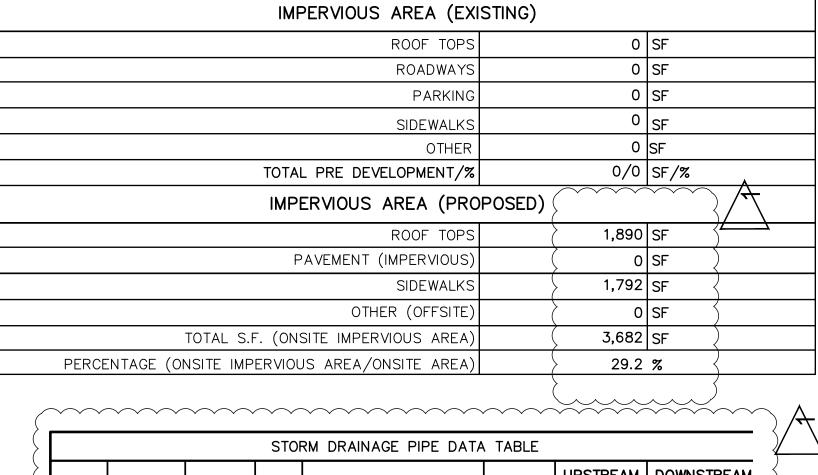
CHECKED

PROJ. MGR.



GENERAL NOTES

- 1. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE PROTECTION OF ALL PROPERTY CORNER MONUMENTS, AND SHALL HAVE AT HIS EXPENSE, ALL CORNER MONUMENTS REPLACED WHICH ARE DISTURBED BY CONSTRUCTION ACTIVITIES.
- 2. CONTRACTOR IS RESPONSIBLE FOR REPAIRERS OF DAMAGE TO ANY EXISTING IMPROVEMENTS, AT HIS EXPENSE, DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
- 3. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH ALL REGULATIONS GOVERNING THE DEMOLITION, REMOVAL, TRANSPORTATION AND DISPOSAL DO ALL DEMOLITION DEBRIS.
- 4. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST OSHA STANDARDS FOR EXCAVATION AND TRENCHING PROCEDURES. CONTRACTORS SHALL USE SUPPORT SYSTEMS, SLOPING BENCHING, ETC. AS NECESSARY FOR THESE OPERATIONS, AND SHALL COMPLY WITH ALL OSHA PERFORMANCE CRITERIA.
- 5. CONTRACTOR SHALL TAKE SPECIAL ARE TO PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN. 6. ESTABLISH LIMITS OF DISTURBANCE AS SHOWN. (0.25 AC.)
- 7. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD 48 HOURS PRIOR TO THE START OF ANY
- CONSTRUCTION ACTIVITIES. THE EROSION CONTROL INSPECTOR, ENGINEER, AND CONTRACTOR SHALL MEET AT THE NEW HANOVER COUNTY EROSION CONTROL INSPECTOR'S OFFICE.
- 8. INSTALL TREE PROTECTION FENCING AND SILT FENCING AS NOTED ON PLANS BEFORE COMMENCING ANY LAND DISTURBANCE ACTIVITY. ADDITIONAL TREE PROTECTION FENCING AND SILT FENCE MAY BE REQUIRED. SILT FENCE WILL BE INSTALLED INSIDE OF THE LIMITS OF DISTURBANCE LINE.
- 9. INSTALL INLET PROTECTION AS SHOWN AND IN CONSTRUCTION DETAILS.
- 10. COMMENCE GRUBBING AND ROUGH GRADING WITHIN THE LIMITS OF CONSTRUCTION.
- 11. UPON COMPLETION OF CONSTRUCTION, ESTABLISH PERMANENT GROUND COVER AND OVERALL SITE STABILIZATION.
- ELECTRICAL SERVICES BY DUKE ENERGY PROGRESS CABLE WITH SPECTRUM
- STORM DRAINAGE SYSTEM WITH CITY OF WILMINGTON



> >	FROM	то	LENGTH	SIZE	PIPE TYPE	SLOPE	UPSTREAM INVERT	DOWNSTREAM INVERT
	DI-1	EX. CI-1	9.70 '	6"	Corrugated HDPE Pipe	0.50%	50.95'	50.90'
	CO-3	CO-4	75.00'	6"	Corrugated HDPE Pipe	0.50%	51.60'	51.23'
	CO-2	DI-1	19.61'	6"	Corrugated HDPE Pipe	0.50%	51.06'	50.96'
	CO-2	CO-4	33.01'	6"	Corrugated HDPE Pipe	-0.50%	51.06'	51.23'
	CO-1	CO-2	75.00'	6"	Corrugated HDPE Pipe	0.50%	51.60'	51.23'

OVERHEAD ELECTRIC LINE WATER LINE RIGHT-OFWAY LINE PROPERTY LINE = WOODS LINE TREE PROTECTION FENCE ----- LOD ----- LOD ----- = LIMITS OF DISTURBANCE ----- = SILT FENCE

Structure Table				
Structure Name	Details			
CO-1	RIM = 54.40 INV OUT = 51.60			
CO-2	RIM = 54.40 INV IN = 51.23 INV OUT = 51.06 INV OUT = 51.06			
CO-3	RIM = 54.40 INV OUT = 51.60			
CO-4	RIM = 54.40 INV IN = 51.23 INV IN = 51.23			
DI—1	RIM = 53.50 INV IN = 50.96 INV OUT = 50.95			
EX. CI–1	RIM = 53.10 INV IN = 50.90			

GREENLAWN MAUSOLEUM CRYPT #276

WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

DATE:	8/19/21	SCALE	M&C FILE NUMBER
MCE PROJ. # DRAWN DESIGNED CHECKED PROJ. MGR.	07397-0002 GHS GHS RMC RMC	HORIZONTAL: 1"=10' VERTICAL: 	CG-100 DRAWING NUMBER 6 11
	L DESIG		

GRADING & DRAINAGE

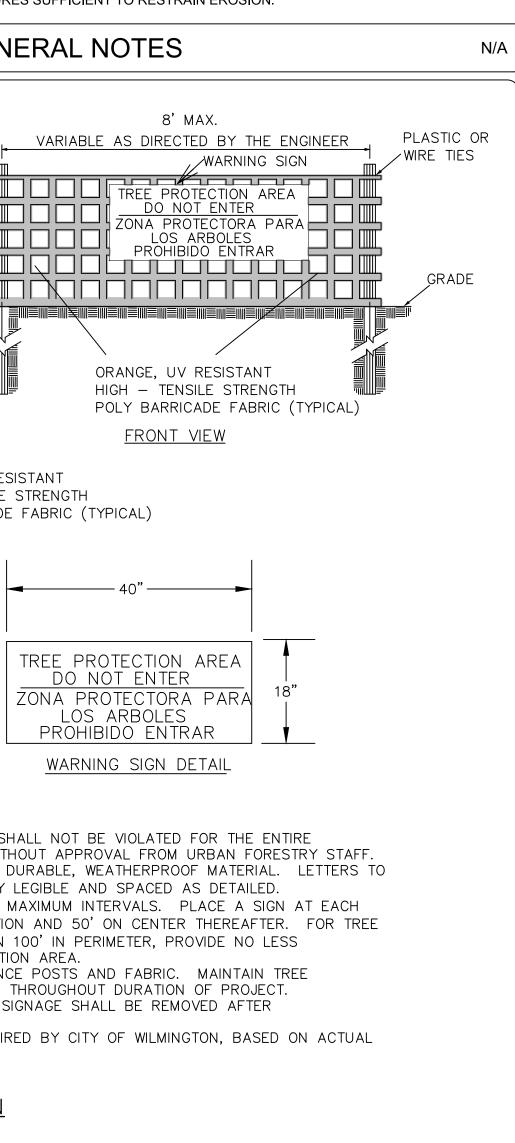
SEEDBED PREPARATION:	GROUND S
1. CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.	SITE AREA DES
 RIP THE ENTRANCE AREA TO 6 INCHES DEPTH. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM. 	PERIMETER I SWALES, DITCH SLOPES
4. APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPERPHOSPHATE UNIFORMLY AND MIX WITH SOIL (SEE BELOW*).	HIGH QUALITY ZONES
5. CONTINUE TILLAGE UNTIL A WELL - PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.	SLOPES STEEP
6. SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING	G. 3:1
 MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF 	SLOPES 3:1 OR
STAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.	ALL OTHER ARI SLOPES FLATT 4:1
9. CONSULT CONSERVATION INSPECTOR ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.	PERMANEN
10. APPLY: AGRICULTURAL LIMESTONE - 2 TONS/ACRE	GRASS TYPE
FERTILIZER - 1000 LBS/ACRE (10-10-10) SUPERPHOSPHATE - 500 LBS/ACRE (20%) MULCH - 2 TONS/ACRE (SMALL GRAIN STRAW)	BERMUDA, COMMON
ANCHOR - ASPHALT EMULSION AT 450 GAL/ACRE	FESCUE, TALL (KENTUCKY 31 SERICEA
TREE PROTECTION NOTES:	LESPEDEZA (SLOPES
 NO LAND DISTURBANCE INCLUDING TREE REMOVAL IS TO OCCUR OUTSIDE THE LIMITS OF DISTURBANCE SHOWN ON THE PLANS. [18-457(b)] 	TEMPORAR
2. PROTECTIVE FENCING IS TO BE PROPERLY MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. [18-458]	GRASS TYPE
 LAND CLEARING AND CONSTRUCTION CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTION ON TREE PROTECTION REQUIREMENTS AND METHODS. [18-457(d)] 	RYE GRAIN BROWNTOP MILL
 ANY TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST PROPERLY BARRICADED WITH FENCING AND PROTECTED THROUGHOUT CONSTRUCTION TO INSURE THAT NO CLEARING AND GRADING OR STAGING OF MATERIALS WILL OCCUR IN THOSE AREAS. [18-458] 	THE ANGLE FO
 NO EQUIPMENT IS ALLOWED ON THE SITE UNTIL ALL TREE PROTECTION FENCING AND SILT FENCING HAS BEEN INSTALLED AND APPROVED. [18-458] 	ANGLE, FROM VEGETATIVE C STRUCTURES.
 REGULATED AND SIGNIFICANT TREES IN THE STREET YARD [18-456(c)] AND ANY TREES IN ANY REQUIRED BUFFERS [18-456(b)] ARE REQUIRED TO BE RETAINED. 	E OR 21 CALEND, GRADING, BE P OR STRUCTUR
5 GENERAL NOTES	N/A 4 GEN
NOTES: 1. PROTECT CRITICAL ROOT ZONE (CRZ) OF TREES PRIOR TO CONSTRUCTION. CLEARLY	STEEL POST WARNING SIGN ORANGE, UV RES HIGH – TENSILE POLY BARRICADE
MARK THE TREES AND ERECT A PROTECTIVE BARRIER AT THE CRZ. BARRIER SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE. S 2. CRZ RADIUS IS 1 FT PER INCH OF TREE DIAMETER AT BREAST HEIGHT (DBH). 3. IF CONSTRUCTION OCCURS WITHIN THE CRZ, AT LEAST 12" OF MULCH AND/OR NOTES: 0. OGGING MATTS SHALL BE PLACED WHERE MACHINERY MANEUVERS TO REDUCE SOIL NOTES: c. CMPACTION IN THIS ZONE. 1. THE TREE 4. WHERE SIDEWALKS AND PATHWAYS PASS WITHIN CRZ, EXTRA CARE SHALL BE 1. THE TREE TAKEN TO AVOID DAMAGE TO THE ROOTS. ALTERNATE CONSTRUCTION METHODS, DURATI SUCH AS A REINFORCED SIDEWALK, SHALL BE IMPLEMENTED AS NECESSARY. 2. WARNING 5. FOR ALL TREES, CUTTING OF LARGE STRUCTURAL ROOTS LOCATED NEAR THE BASE BE 3" OF THE TRUNK IS PROHIBITED. DO NOT COMPACT SOIL BENEATH TREES. NO 3. SIGNS SH VEHICLE SHALL BE ALLOWED TO PARK UNDER TREES. NO MATERIALS OR END OI EQUIPMENT SHALL BE STORED BENEATH TREES. DAMAGING THE BARK WITH PROTECT	ION OF THE PROJECT WIT SIGNS TO BE MADE OF I HIGH, MINIMUM, CLEARLY HALL BE PLACED AT 50' I F LINEAR TREE PROTECTIO CTION AREAS LESS THAN
MARK THE TREES AND ERECT A PROTECTIVE BARRIER AT THE CRZ. BARRIER SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE. S 2. CRZ RADIUS IS 1 FT PER INCH OF TREE DIAMETER AT BREAST HEIGHT (DBH). 3. IF CONSTRUCTION OCCURS WITHIN THE CRZ, AT LEAST 12" OF MULCH AND/OR LOGGING MATTS SHALL BE PLACED WHERE MACHINERY MANEUVERS TO REDUCE SOIL COMPACTION IN THIS ZONE. NOTES: 4. WHERE SIDEWALKS AND PATHWAYS PASS WITHIN CRZ, EXTRA CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ROOTS. ALTERNATE CONSTRUCTION METHODS, SUCH AS A REINFORCED SIDEWALK, SHALL BE IMPLEMENTED AS NECESSARY. 1. THE TREE DURATION OF THE TRUNK IS PROHIBITED. DO NOT COMPACT SOIL BENEATH TREES. NO 3. SIGNS SHE 3" 6. FAIL TREES, CUTTING OF LARGE STRUCTURAL ROOTS LOCATED NEAR WITH LAWNMOWERS, CONSTRUCTION EQUIPMENT, OR ANYTHING ELSE IS PROHIBITED. CONTRACTOR SHALL REPAIR DAMAGE TO TREES. 4. ATTACH PROTECTION MEASURES SHALL RESULT IN A STOP WORK ORDER AND FINE OF \$500/DAY. DISTURBANCE OTHER THAN THAT ALLOWED ON THE APPROVED PLAN WILL REQUIRE OWNER TO POST A LETTER OF CREDIT FOR 4. ADDITION	E PROTECTION FENCING SH ION OF THE PROJECT WITH SIGNS TO BE MADE OF E HIGH, MINIMUM, CLEARLY HALL BE PLACED AT 50' M F LINEAR TREE PROTECTION TWO SIGNS PER PROTECTION SIGNS SECURELY TO FENC CTION FENCE AND SIGNS OTECTION FENCE AND SIGNS OTECTION FENCING AND S ON. AL SIGNS MAY BE REQUIR CONDITIONS.
MARK THE TREES AND ERECT A PROTECTIVE BARRIER AT THE CRZ. BARRIER SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE. 2. CRZ RADIUS IS 1 FT PER INCH OF TREE DIAMETER AT BREAST HEIGHT (DBH). 3. IF CONSTRUCTION OCCURS WITHIN THE CRZ, AT LEAST 12" OF MULCH AND/OR LOGGING MATTS SHALL BE PLACED WHERE MACHINERY MANEUVERS TO REDUCE SOIL COMPACTION IN THIS ZONE. 4. WHERE SIDEWALKS AND PATHWAYS PASS WITHIN CRZ, EXTRA CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ROOTS. ALTERNATE CONSTRUCTION METHODS, 5. FOR ALL TREES, CUTTING OF LARGE STRUCTURAL ROOTS LOCATED NEAR THE BASE OF THE TRUNK IS PROHIBITED. DO NOT COMPACT SOIL BENEATH TREES. NO VEHICLE SHALL BE ALLOWED TO PARK UNDER TREES. NO MATERIALS OR EQUIPMENT SHALL BE STORED BENEATH TREES. NO MATERIALS OR EQUIPMENT SHALL BE STORED BENEATH TREES. NO MATERIALS OR EQUIPMENT SHALL BE STORED BENEATH TREES. NO MATERIALS OR EQUIPMENT SHALL BE ALLOWED TO TREES. 6. FAILING TO INSTALL OR MAINTAIN PROTECTION MEASURES SHALL RESULT IN A STOP WORK ORDER AND FINE OF \$500/DAY. DISTURBANCE OTHER THAN THAT ALLOWED ON THE APPROVED PLAN WILL REQUIRE OWNER TO POST A LETTER OF CREDIT FOR 3 YRS FOR TREE MITIGATION. METHOD OF TREE PROTECTION DURING METHOD OF TREE PROTECTION DURING	E PROTECTION FENCING SH ION OF THE PROJECT WITH SIGNS TO BE MADE OF E HIGH, MINIMUM, CLEARLY HALL BE PLACED AT 50' M F LINEAR TREE PROTECTION TWO SIGNS PER PROTECTION SIGNS SECURELY TO FENC CTION FENCE AND SIGNS OTECTION FENCE AND SIGNS OTECTION FENCING AND S ON. AL SIGNS MAY BE REQUIR CONDITIONS.

\square			SEAL
	CHANGED BUILDING DESIGN	08–19–2021	
REV.NO.		DATE	
	REVISIONS		

	דווח					
STA	BILIZ		<u>N CRITERIA</u>			
ESCRI	PTION	STABI	LIZATION TIMEFRAME	STABILIZATION TIM	EFRAME EXCEPTIONS	
r diki Ches 'Es			7 DAYS	N	IONE	
TY WA Es	ATER		7 DAYS	N	IONE	
EPER THAN			7 DAYS	LENGTH AND ARE	IF SLOPES ARE 10 FT OR LESS IN IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED	
DR FL	ATTER		14 DAYS		ES GREATER THAN 50 LENGTH	
REAS WITH ITER THAN			14 DAYS	NONE (EXCEPT FOR PERIMETERS AND HQW ZONES)		
NT SEEDING]	
	AMOL 1000	JNT/ S.F.	TIME OF SEEDING	INITIAL		
,	1–2	LBS.	APRIL – JUNE	25 LBS. 10-10-10		
LL 31)	5–7	LBS	JUNE – AUGUST FEB. – OCT.	25 LBS 10-10-10		
4	1-2 LBS		MARCH – APRIL	25 LBS 10-10-10		
RY	SEED	<u>ING</u>]	
	AMOL 1000		TIME OF SEEDING	INITIAL		
1	1-2		APRIL – JUNE	25 LBS. 10-10-10		
LLET	1-2	LBS	JUNE – AUGUST	25 LBS 10-10-10		

<u>5. 113A-57 (2))</u>

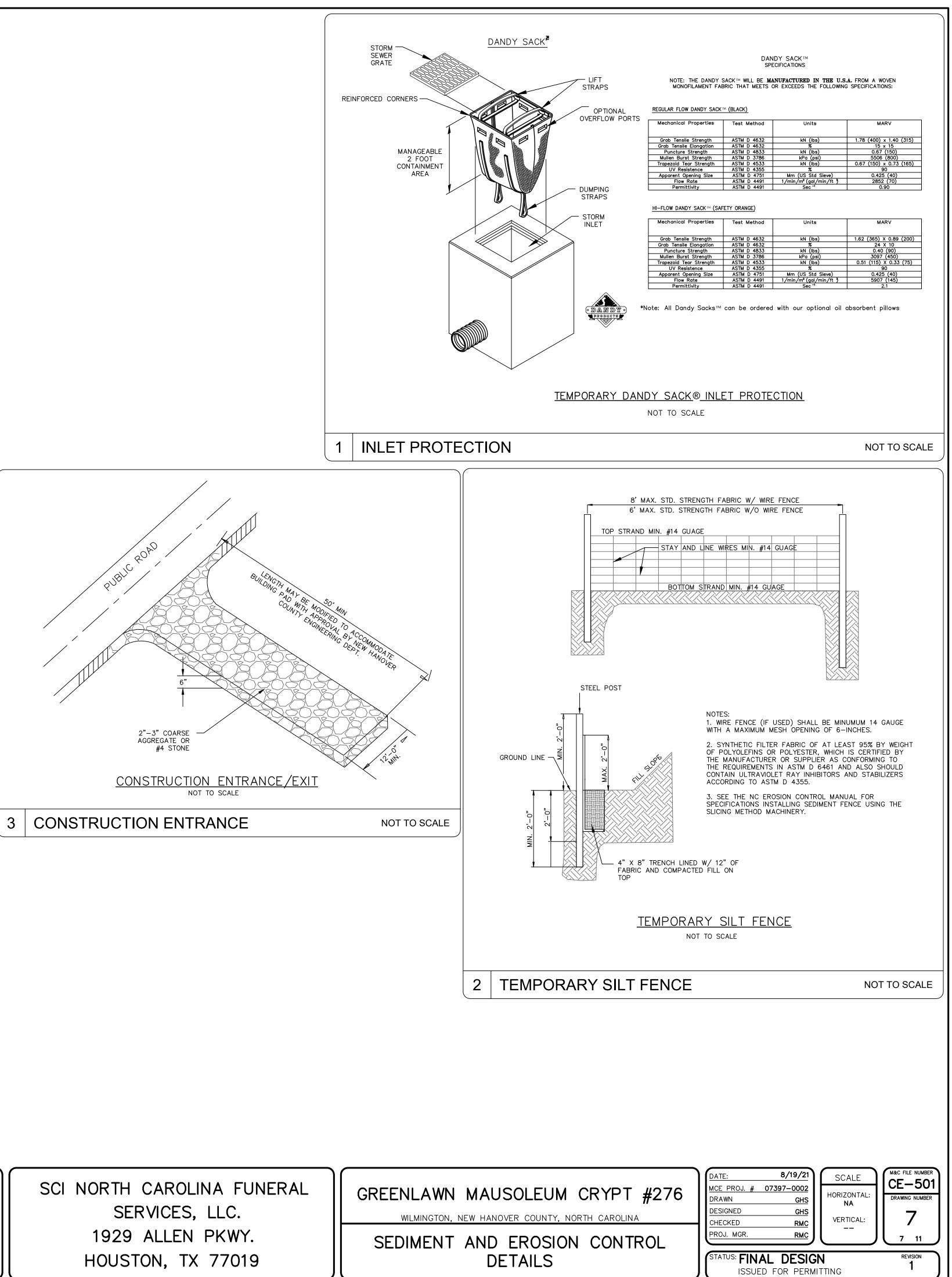
R GRADED SLOPES AND FILLS SHALL BE NO GREATER THAN THE ZERO TO NINETEEN DREGRRES, WHICH CAN BE RETAINED BY COVER OR OTHER ADEQUATE EROSION CONTROL DEVICES OR . IN ANY EVENT, SLOPES LEFT EXPOSED WILL, WITHIN 15 WORKING DAYS AR DAYS, WHICHEVER IS SHORTER, OF COMPLETION OF ANY PHASE OF LANTED OR OTHERWISE PROVIDED WITH GROUND COVER, DEVICES, RES SUFFICIENT TO RESTRAIN EROSION.





N/A

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3	E	EROSION CONTROL MAINTEN
	6.	INSPECT ALL MULCHES PERIODICALLY, AND AFTER RAINSTORMS DISLOCATION OR FAILURE. WHERE EROSION IS OBSERVED, APPL WASHOUT OCCURS, REPAIR THE SLOPE GRADE, RESEED AND R INSPECTIONS UNTIL VEGETATION IS FIRMLY ESTABLISHED.
	5.	INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICA EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OB FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE O DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.
	4.	ALL AREAS WILL BE FERTILIZED, RESEEDED AS NECESSARY, AN SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGO
	3.	SEDIMENT WILL BE REMOVED FROM BEHIND THE SILT FENCE WH DEEP. THE SEDIMENT FENCE WILL BE REPAIRED OR REPLACED BARRIER.
	2.	ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAIN CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFS TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONS SITE IS STABILIZED.
	1.	ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSP NECESSARY, EVERY SEVEN (7) DAYS OR AFTER EACH RAINFAL ONE-HALF (0.5) INCH.
	EF	ROSION CONTROL MAINTENANCE PLAN:

1	CHANGED BUILDING DESIGN	08–19–2021
EV.NO.	DESCRIPTIONS	DATE
	REVISIONS	

SEAL

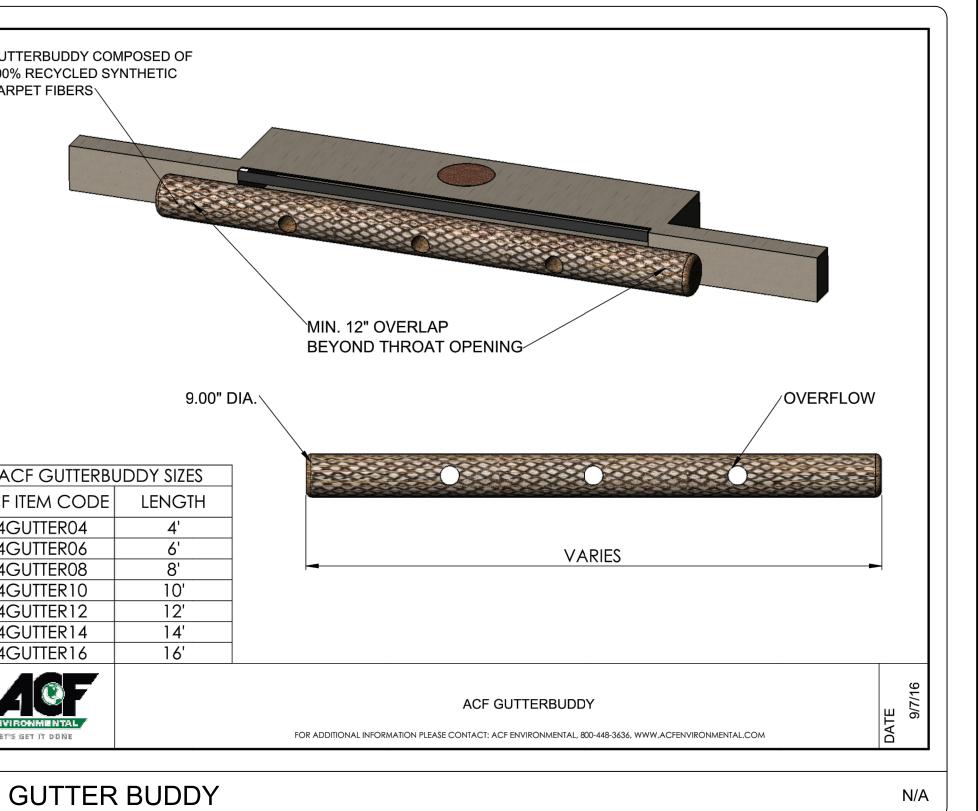
	1. GROUND STABILIZATION	
	SITE AREA. STABILIZATION STABIL	LIZATION TIME
SPECTED AND REPAIRED, AS ALL OCCURRENCE THAT EXCEEDS	PERIMETER DIKES, SWALES, DITCHES, 7 DAYS NONE AND SLOPES	
INED DURING ALL PHASES OF N ACTIVITIES AND ALL DISTURBED	HIGH QUALITY WATER (HQW) 7 DAYS NONE ZONES	
S MAY BE REQUIRED DURING SITE SEDIMENTATION. ALL NSTRUCTION IS COMPLETE AND THE	SLOPES STEEPER 7 DAYS LENGTH AND	HAN 2:1, 14 DAYS
WHEN IT BECOMES ABOUT 0.5 FEET	SLOPES 3:1 OR FLATTER 14 DAYS 7 DAYS FOR THAN 50 FEE	SLOPES GREATER ET IN LENGTH
AS NECESSARY TO MAINTAIN A	ALL OTHER AREAS WITH SLOPES 14 DAYS PERIMETERS FLATTER THAN 4:1	ET FOR S AND HOW ZONES)
ND MULCHED ACCORDING TO SOROUS, DENSE VEGETATIVE COVER.	2. BUILDING WASTES HANDLING	
CANT (0.5" OR GREATER) RAINFALL	1. NO PAINT OR LIQUID WASTES IN STREAM OR STO	
OR UNDERCUT THE WIRE MESH	2. DEDICATED AREAS FOR DEMOLITION, CONSTRUC WASTES MUST BE LOCATED 50' FROM STORM DR UNLESS NO REASONABLE ALTERNATIVES AVAILA	RADIS AND STREAMS
S TO CHECK FOR RILL EROSION, PLY ADDITIONAL MULCH. IF REINSTALL MULCH. CONTINUE	3. EARTHEN-MATERIALS STOCKPILES MUST BE LOC. STORM DRAINS AND STREAMS UNLESS NO REASO ALTERNATIVES AVAILABLE.	CATED 50' FROM
	4. CONCRETE MATERIALS MUST BE CONTROLLED TO WITH SURFACE WATERS, WETLANDS, OR BUFFER	O AVOID CONTACT RS.
	3. INSPECTIONS	
	1. SAME WEEKLY INSPECTION REQUIREMENTS.	
	2 SAME RAIN GAUGE & INSPECTIONS AFTER 0.5" RA	
	3 INSPECTIONS ARE ONLY REQUIRED DURING "NOR HOURS".	
	4. INSPECTION REPORTS MUST BE AVAILABLE ON-SI BUSINESS HOURS UNLESS A SITE-SPECIFIC EXEM APPROVED.	ITE DURING IPTION IS
	6. RECORDS MUST BE KEPT FOR 3 YEARS AND AVAIL REQUEST.	LABLE UPON
	8. ELECTRONICALLY AVAILABLE RECORDS MAY BE S UNDER CERTAIN CONDITIONS.	SUBSTITUTED
	4. SEDIMENT BASINS	
	1. OUTLET STRUCTURES MUST WITHDRAW FROM BA UNLESS DRAINAGE AREA IS LESS THAN 1 ACRE.	ASIN SURFACE
	2. USE ONLY DWQ-APPROVED FLOCCULENTS.	
	NPDES - SPECIFIC PLAN SHEETS NOTES	S
	1. THIS PAGE IS SUBMITTED TO COMPLY WITH NPDES STORMWATER PERMIT NCG010000.	S GENERAL
	2. THIS PAGE CAN BE APPROVED BY THE COUNTY PU GENERAL STORMWATER PERMIT NCG010080 ONLY	URSUANT TO NPDES Y.
	3. THIS PAGE OF THE APPROVED PLANS IS ENFORCE PURSUANT TO NPDES GENERAL STORMWATER PER	EABLE EXCLUSIVELY ERMIT NCG0199000.
	4. THE COUNTY IS NOT AUTHORIZED TO ENFORCE TH PLANS AND IT IS NOT A PART OF THE APPROVED PU PURPOSES OF ENFORCEMENT ACTION UNDER THE	HIS PAGE OF THE
		LANS FOR THE IE COUNTY CODE.



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SCI NORTH CAROLINA FUNERAL SERVICES, LLC. 1929 ALLEN PKWY. HOUSTON, TX 77019

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WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEDIMENT AND EROSION CONTROL DETAILS

DATE:	8/19/21	SCALE	M&C FILE NUMBER
MCE PROJ. #	07397-0002		CE-302
DRAWN	GHS	HORIZONTAL: NA	DRAWING NUMBER
DESIGNED	GHS		
CHECKED	RMC	VERTICAL:	8
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STATUS: FIN			REVISION
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	SELF-INSPECTI	PART III ON, RECORDKEEPING AND REPORTING	SELF-INSPECTION, REG	PART III CORDKEEPING AND REPORTING
below. When a personnel to be which it is safe greater than 1.0 performed upon	are required duri dverse weather o in jeopardy, the i to perform the ins 0 inch occurs outsi n the commencen	ng normal business hours in accordance with the table r site conditions would cause the safety of the inspection nspection may be delayed until the next business day on spection. In addition, when a storm event of equal to or ide of normal business hours, the self-inspection shall be nent of the next business day. Any time when inspections e Inspection Record.	approved E&SC plan must be kept up-to-	oproved deviation shall be kept on the site. The date throughout the coverage under this permit SC plan shall be documented in the manner
			Item to Document	Documentation Requirements
Inspect (1) Rain gauge maintained in good working order	Frequency (during normal business hours) Daily	Inspection records must include: Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those un- attended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as	(a) Each E&SC Measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC Plan.	Initial and date each E&SC Measure on a copy of the approved E&SC Plan or complete, date and sign an inspection report that lists each E&SC Measure shown on the approved E&SC Plan. This documentation is required upon the initial installation of the E&SC Measures or if the E&SC Measures are modified after initial installation.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain	 "zero." The permittee may use another rain-monitoring device approved by the Division. 1. Identification of the measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Indication of whether the measures were operating 	(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(3) Stormwater	event ≥ 1.0 inch in 24 hours At least once per	 properly, 5. Description of maintenance needs for the measure, 6. Description, evidence, and date of corrective actions taken. 1. Identification of the discharge outfalls inspected, 	(c) Ground cover is located and installed in accordance with the approved E&SC Plan.	Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
discharge outfalls (SDOs)	7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	 Date and time of the inspection, Name of the person performing the inspection, Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, Indication of visible sediment leaving the site, 	(d) The maintenance and repair requirements for all E&SC Measures have been performed.	Complete, date and sign an inspection report.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain	 Description, evidence, and date of corrective actions taken. If visible sedimentation is found outside site limits, then a record of the following shall be made: Actions taken to clean up or stabilize the sediment that has left the site limits, 	(e) Corrective actions have been taken to E&SC Measures.	Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate the completion of the corrective action.
(5) Streams or wetlands onsite or offsite (where accessible) (6) Ground stabilization measures	 event ≥ 1.0 inch in 24 hours At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours After each phase of grading 	 Description, evidence, and date of corrective actions taken, and An explanation as to the actions taken to control future releases. If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: Description, evidence and date of corrective actions taken, and Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit of this permit. The phase of grading (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover). Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible. 	 site and available for agency inspectors at all Division provides a site-specific exemptior requirement not practical: (a) This general permit as well as the certain of the sequired observations on the loss a similar inspection form that includ 	u of the required paper copies will be allowed i
NOTE: The rai	n inspection reset	s the required 7 calendar day inspection requirement.		of Intent and older inspection records shall be rs after project completion and made available

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPO

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	CHANGED BUILDING DESIGN		08–19–2021
REV.NO.		DESCRIPTIONS	DATE
		REVISIONS	

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PART III	GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT	EQUIPMENT AND VEHICLE MAINTENANCE 1. Maintain vehicles and equipment to prevent discharge of fluids.	UNSITE CONCRETE VASHOUT STRUCTURE WITH LINER
SELF-INSPECTION, RECORDKEEPING AND REPORTING SECTION C: REPORTING 1. Occurrences that must be reported Permittees shall report the following occurrences: (a) Visible sediment deposition in a stream or wetland.	Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.	 Provide drip pans under any stored equipment. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible). Remove leaking vehicles and construction equipment from service until the problem 	
	SECTION E: GROUND STABILIZATION	has been corrected.	ANDER LAWAR GAVE GAVE AND A CONSETT ASSEMT
(b) Oil spills if:	Required Ground Stabilization Timeframes	 Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials. 	SELT REACHES YOU IF THE STRUCTURES REAL OF THE STRUCTURES CONTROL OF THE STRUCTURES CONTROL OF THE STRUCTURES CONTROL OF THE STRUCTURES ST
 They are 25 gallons or more, They are less than 25 gallons but cannot be cleaned up within 24 hours, 	Stabilize within this		BELOW GRADE WASHPUT STRUCTURE ABOVE GRADE WASHPUT STRUCTURE
 They cause sheen on surface waters (regardless of volume), or 	Site Area Description many calendar Timeframe variations days after ceasing	LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE	BELOW GRADE WASHOUT STRUCTURE ABOVE GRADE WASHOUT STRUCTURE
They are within 100 feet of surface waters (regardless of volume).	land disturbance	1. Never bury or burn waste. Place litter and debris in approved waste containers.	
(a) Releases of hazardous substances in excess of reportable quantities under Section 311	(a) Perimeter dikes, swales, ditches, and 7 None perimeter slopes	 Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes. 	CONCRETE WASHOUTS 1. Do not discharge concrete or cement slurry from the site.
of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.	(b) High Quality Water (HQW) Zones 7 None	 Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available. Locate waste containers on areas that do not receive substantial amounts of runoff 	 Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility. Manage washout from mortar mixers in accordance with the above item and in
(b) Anticipated bypasses and unanticipated bypasses.	(c)Slopes steeper than 3:1If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed	 from upland areas and does not drain directly to a storm drain, stream or wetland. 5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers. 	 addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence. Install temporary concrete washouts per local requirements, where applicable. If an
(c) Noncompliance with the conditions of this permit that may endanger health or the environment.	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales,	 Anchor all lightweight items in waste containers during times of high winds. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow. 	alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
2. Reporting Timeframes and Other Requirements After a permittee becomes aware of an occurrence that must be reported, he shall contact	(d) Slopes 3:1 to 4:1 14 ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed	 Dispose waste off-site at an approved disposal facility. On business days, clean up and dispose of waste in designated waste containers. 	 Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must
the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Division's Emergency Response personnel at (800) 662-7956, (800) 858-0368 or (919) 733-3300.	(e) Areas with slopes flatter than 4:1-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope	PAINT AND OTHER LIQUID WASTE 1. Do not dump paint and other liquid waste into storm drains, streams or wetlands. 2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.	 be pumped out and removed from project. 6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
OccurrenceReporting Timeframes (After Discovery) and Other Requirements(a) Visible sediment deposition in a stream or wetland• Within 24 hours, an oral or electronic notification. • Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a	Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.	 Contain liquid wastes in a controlled area. Containment must be labeled, sized and placed appropriately for the needs of site. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites. PORTABLE TOILETS	 Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
 ase-by-case basis. If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions. 	GROUND STABILIZATION SPECIFICATION Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below: Temporary Stabilization Permanent Stabilization • Temporary grass seed covered with straw or • Permanent grass seed covered with straw or	 Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags. Provide staking or anchoring of portable toilets during periods of high winds or in high 	 Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance
(b) Oil spills and release of hazardous• Within 24 hours, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.	other mulches and tackifiers other mulches and tackifiers • Hydroseeding • Geotextile fabrics such as permanent soil • Rolled erosion control products with or reinforcement matting • Widreseeding • Urdreseeding	foot traffic areas.3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace	caused by removal of washout.
substances per Item 1(b)-(c) above	 without temporary grass seed Appropriately applied straw or other mulch Shrubs or other permanent plantings covered 	with properly operating unit.	HERBICIDES, PESTICIDES AND RODENTICIDES
(c) Anticipated • A report at least ten days before the date of the bypass, if possible. bypasses [40 CFR The report shall include an evaluation of the anticipated quality and effect of the bypass. (d) Unanticipated • Within 24 hours, an oral or electronic notification.	 Plastic sheeting Uniform and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or 	EARTHEN STOCKPILE MANAGEMENT 1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls	 Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions. Store herbicides, pesticides and rodenticides in their original containers with the
(a) Statistication • Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass. (e) Noncompliance • Within 24 hours, an oral or electronic notification.	e Stratectarine training walls e Rolled erosion control products with grass seed	and surface waters unless it can be shown no other alternatives are reasonably available.	label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.3. Do not store herbicides, pesticides and rodenticides in areas where flooding is
with the conditions • Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to	POLYACRYLAMIDES (PAMS) AND FLOCCULANTS 1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.	 Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile. Provide stable stone access point when feasible. Stabilize stockpile within the timeframes provided on this sheet and in accordance 	possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.4. Do not stockpile these materials onsite.
environment[40continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. [40 CFR 122.41(l)(6).• Division staff may waive the requirement for a written report on a case-by-case basis.	 Apply flocculants at or before the inlets to Erosion and Sediment Control Measures. Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions. Provide ponding area for containment of treated Stormwater before discharging offsite. Store flocculants in leak-proof containers that are kept under storm-resistant cover 	with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.	HAZARDOUS AND TOXIC WASTE1. Create designated hazardous waste collection areas on-site.2. Place hazardous waste containers under cover or in secondary containment.3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.
ORTING EFFECTIVE: 04/01/19	or surrounded by secondary containment structures.	STABILIZATION AND MATERIALS H	ANDLING EFFECTIVE: 04/01/1



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WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEDIMENT AND EROSION CONTROL DETAIL

DATE:	8/19/21	SCALE	
MCE PROJ. #	07397-0002		CE-503
DRAWN	GHS	HORIZONTAL:	DRAWING NUMBER
DESIGNED	GHS		
CHECKED	RMC	VERTICAL:	9
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EFFECTIVE: 04/01/19

GENERAL NOTES

- 1. IN ACCORDANCE WITH N.C.G.S. 136-44.14, ALL STREET CURBS BEING CONSTRUCTED OR RECONSTRUCTED SHALL PROVIDE WHEELCHAIR RAMPS FOR THE PHYSICALLY HANDICAPPED ON EACH SIDE OF ANY STREET OR ROAD, WHERE CURBS AND SIDEWALKS ARE PROVIDED AND AT OTHER MAJOR POINTS OF PEDESTRIAN FLOW.
- 2. WHEELCHAIR RAMPS SHALL BE LOCATED AS INDICATED IN DETAIL DRAWINGS; HOWEVER, EXISTING LIGHT POLES, FIRE HYDRANTS, DROP INLETS, ETC. MAY AFFECT PLACEMENT.
- 3. CURB RAMPS SHALL HAVE DETECTABLE WARNINGS EXTENDING THE FULL WIDTH OF THE RAMP AND A MINIMUM OF 2-FT. IN LENGTH.

CONSTRUCTION NOTES

- 1. CONSTRUCTION SHALL CONFORM WITH CONSTRUCTION STANDARDS OF THE GOVERNING BODY WHICH HAS JURISDICTION OF THE PARTICULAR STREET.
- 2. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED OF CLASS "A" CONCRETE WITH THE SURFACE HAVING A ROUGH, NON-SKID TYPE FINISH.
- 3. A ½-IN. EXPANSION JOINT SHALL BE REQUIRED WHERE THE CONCRETE WHEELCHAIR RAMP JOINS ANY RIGID PAVEMENT OR STRUCTURE.
- 4. IN NO CASE SHALL THE WIDTH OF A CURB RAMP OR CURB CUT BE LESS
- THAN 40-IN. (3-FT, 4-IN.), NOT INCLUDING THE FLARED SIDES.5. TRANSITIONS FROM RAMPS TO WALKS, GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.
- 6. THE MAXIMUM SLOPE ON THE CURB RAMP RUN IS 1:12.
- THE MAXIMUM CROSS SLOPE OF THE CURB RAMP IS 1:50.
 MAXIMUM SLOPES OF ADJOINING GUTTERS, ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP, OR ACCESSIBLE ROUTE SHALL NOT EXCEED 1:20.
- 9. ANY RAISED ISLANDS IN CROSSINGS SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH SIDES AND A LEVEL AREA AT LEAST 48-IN. LONG BETWEEN THE CURB RAMPS.
- 10. DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9-IN., A HEIGHT OF NOMINAL 0.2-IN. AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35-IN. AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT.

ADDITIONAL NOTES

- STOP BARS SHALL BE USED WHERE IT IS IMPORTANT TO INDICATE THE POINT BEHIND WHICH VEHICLES ARE REQUIRED TO STOP IN COMPLIANCE WITH A TRAFFIC SIGNAL, STOP SIGN OR OTHER LEGAL REQUIREMENT.
 PARKING SHALL BE A MINIMUM OF 20 FEET BACK OF THE PEDESTRIAN
- 2. PARKING SHALL BE A MINIMUM OF 20 FEET BACK OF THE FEDESTRIAN CROSSWALK. 3. ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST
- EDITION OF THE MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION. THIS DOCUMENT IS AVAILABLE FROM THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402.
- 4. INSTALL REFLECTORS PER CITY AND NCDOT STANDARDS. TRAFFIC ENGINEERING MUST APPROVE OF PAVEMENT MARKING LAYOUT PRIOR TO ACTUAL STRIPING.
- 5. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
- 6. THE BOTTOM OF DIAGONAL (CORNER TYPE) CURB RAMPS AT MARKED CROSSINGS SHALL HAVE 48-IN. MINIMUM CLEAR SPACE WITHIN THE MARKINGS.
- 7. IF DIAGONAL CURB RAMPS HAVE FLARED SIDES, THEY SHALL HAVE AT LEAST A 24-IN. LONG SEGMENT OF STRAIGHT CURB LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING.

1	CHANGED BUILDING DESIGN		08–19–2021
REV.NO.		DESCRIPTIONS	DATE
		REVISIONS	

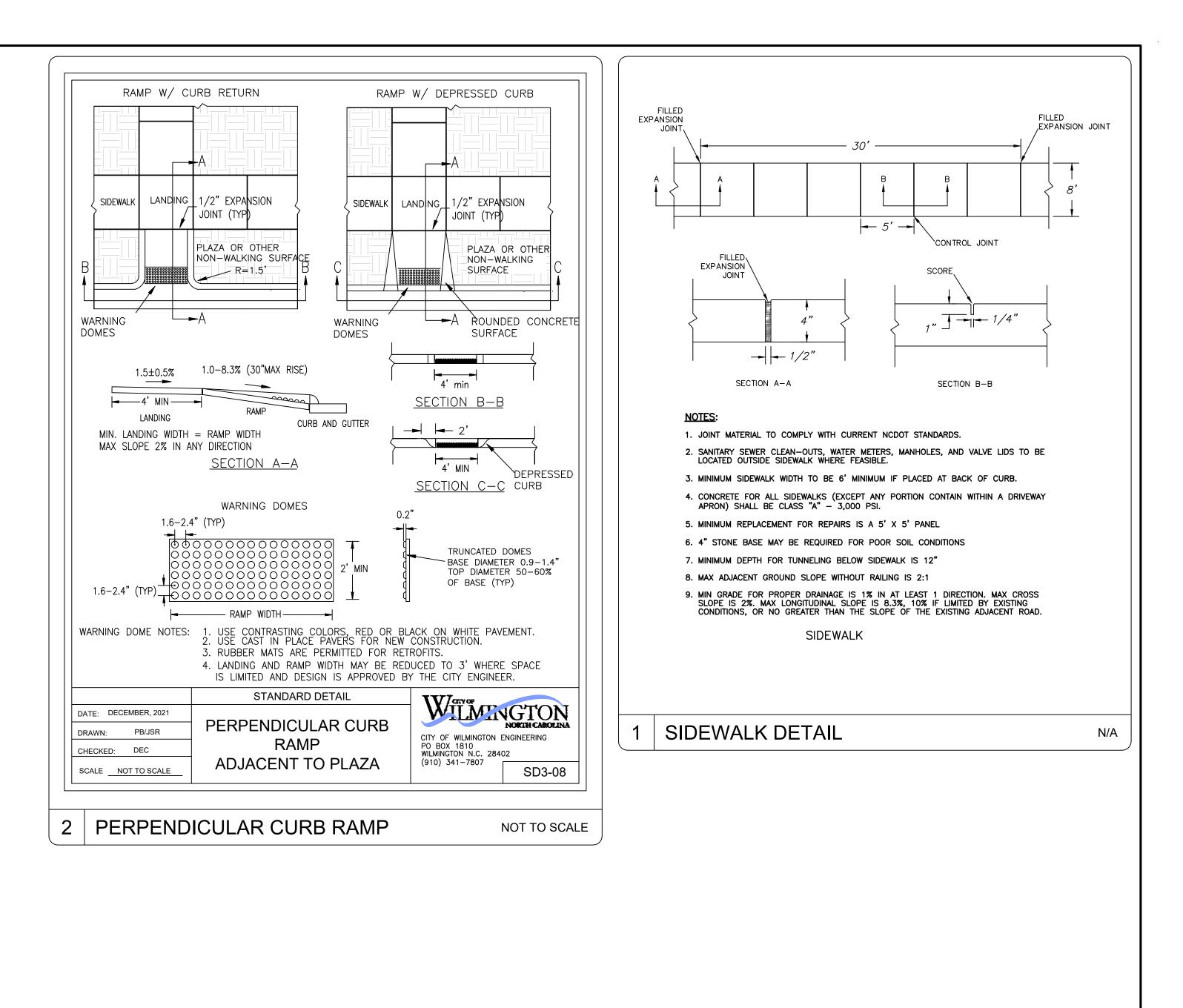




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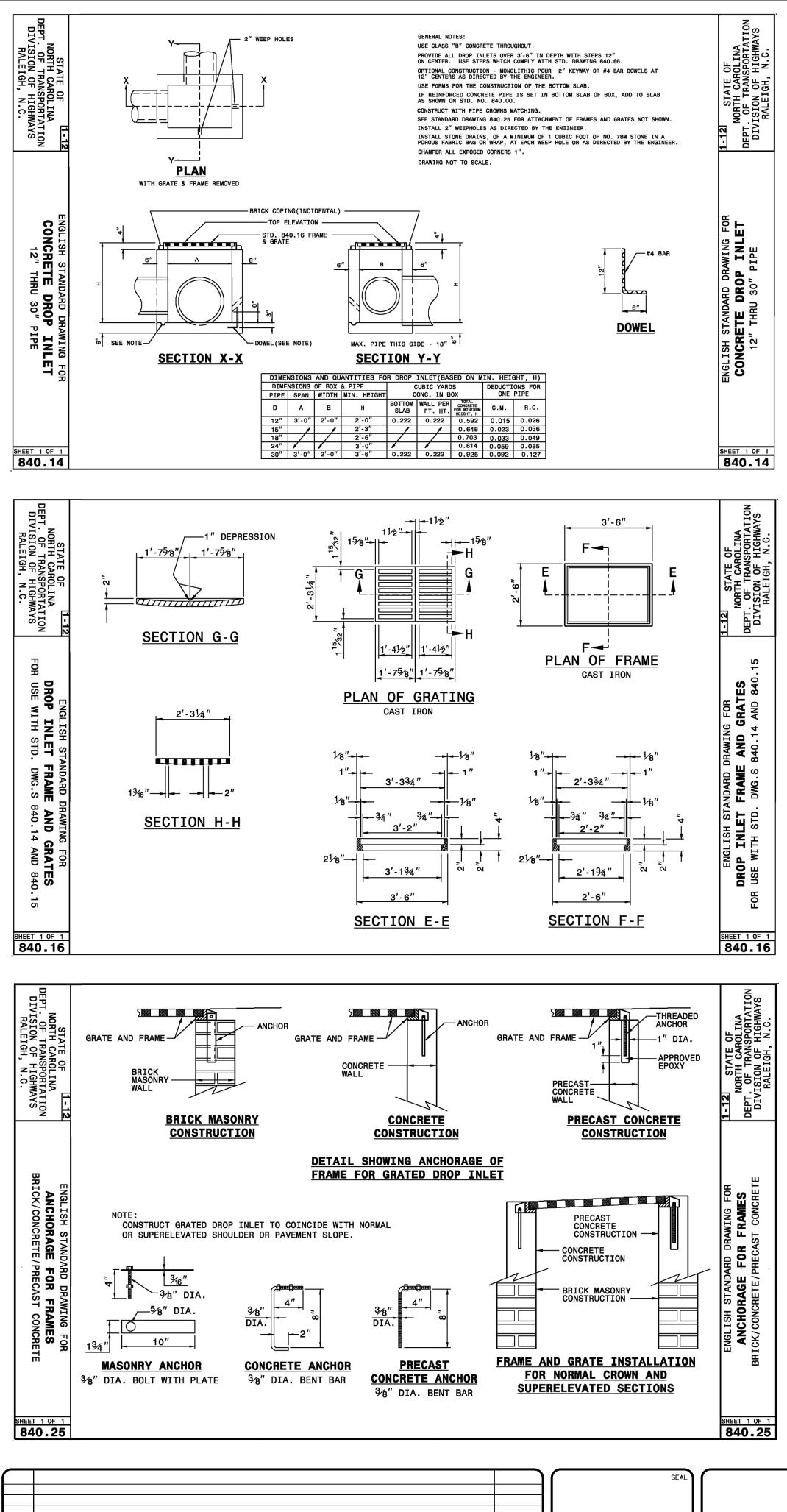


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WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

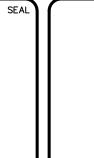
M&C FILE NUMBE 4-19-2 SCALE CS-501 <u>MCE PROJ. # 07397-0002</u> HORIZONTAL DRAWN GHS DESIGNED GHS 10 VERTICAL CHECKED RMC ROJ. MGR. RMC STATUS: FINAL DESIGN REVISION ISSUED FOR PERMITTING

SITE DETAILS

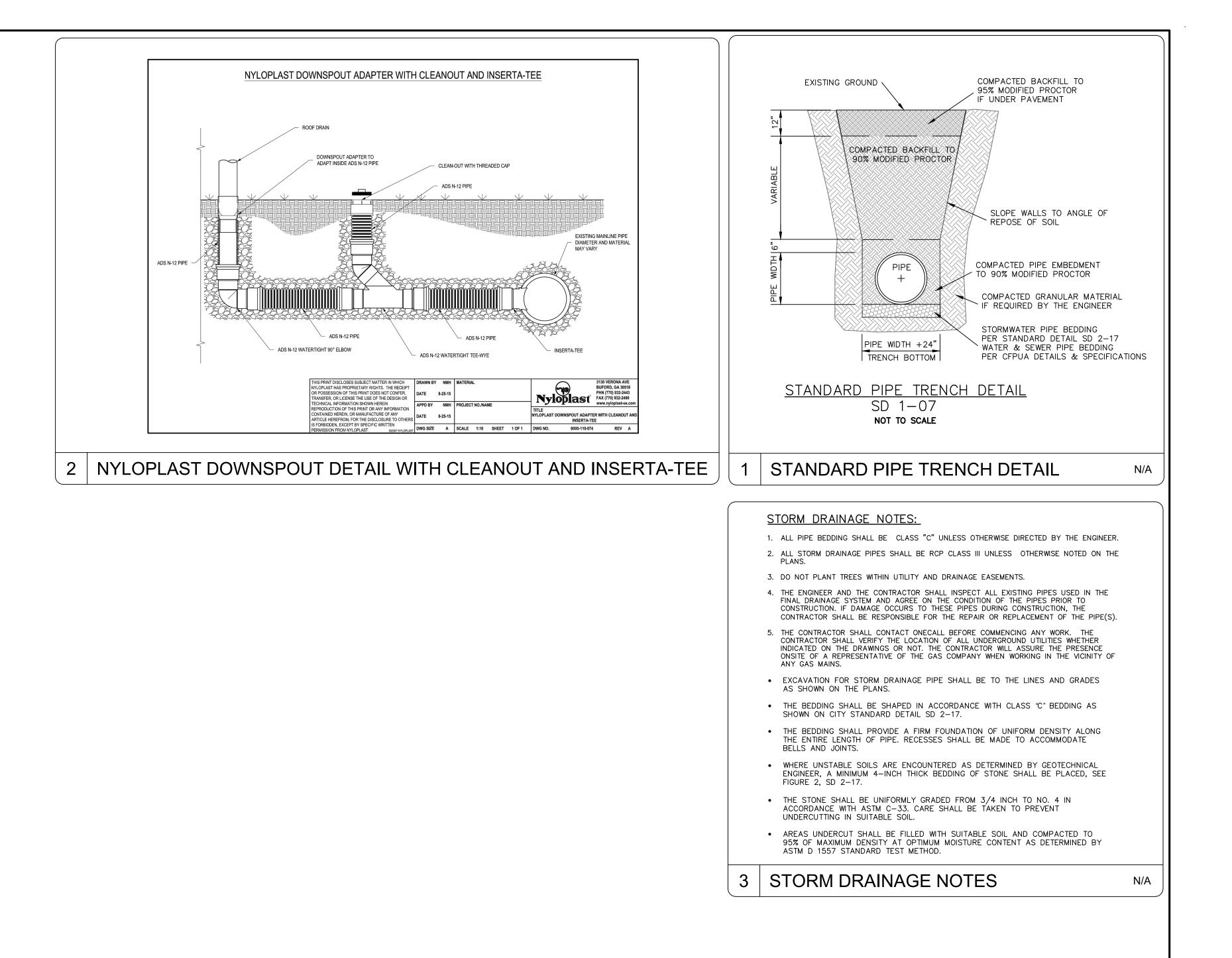


1 CHANGED BUILDING DESIGN DESCRIPTIONS

REV.NO.



08-19-2021 DATE





SCI NORTH CAROLINA FUNERAL SERVICES, LLC. 1929 ALLEN PKWY. HOUSTON, TX 77019

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WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

STORM DRAINAGE DETAILS

DATE:	8/19/21	SCALE	M&C FILE NUMBER
MCE PROJ. #	07397-0002		CG-501
DRAWN	GHS	HORIZONTAL: NA	DRAWING NUMBER
DESIGNED	GHS		11
CHECKED	RMC	VERTICAL:	
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