SITE DEVELOPMENT PLANS FOR

2101 MIDDLE STREET PARKING

2101 MIDDLE STREET SULLIVAN'S ISLAND, SOUTH CAROLINA

CLIENT

SOUTH CAROLINA EROSION CONTROL S.C.D.H.E.C. O.C.R.M. RICHARD GEER STORMWATER DIVISION 1362 MCMILLAN AVE. SUITE 400 CHARLESTON, SC 29405 PHONE (843) 953-0200

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ADA COMPLIANCE

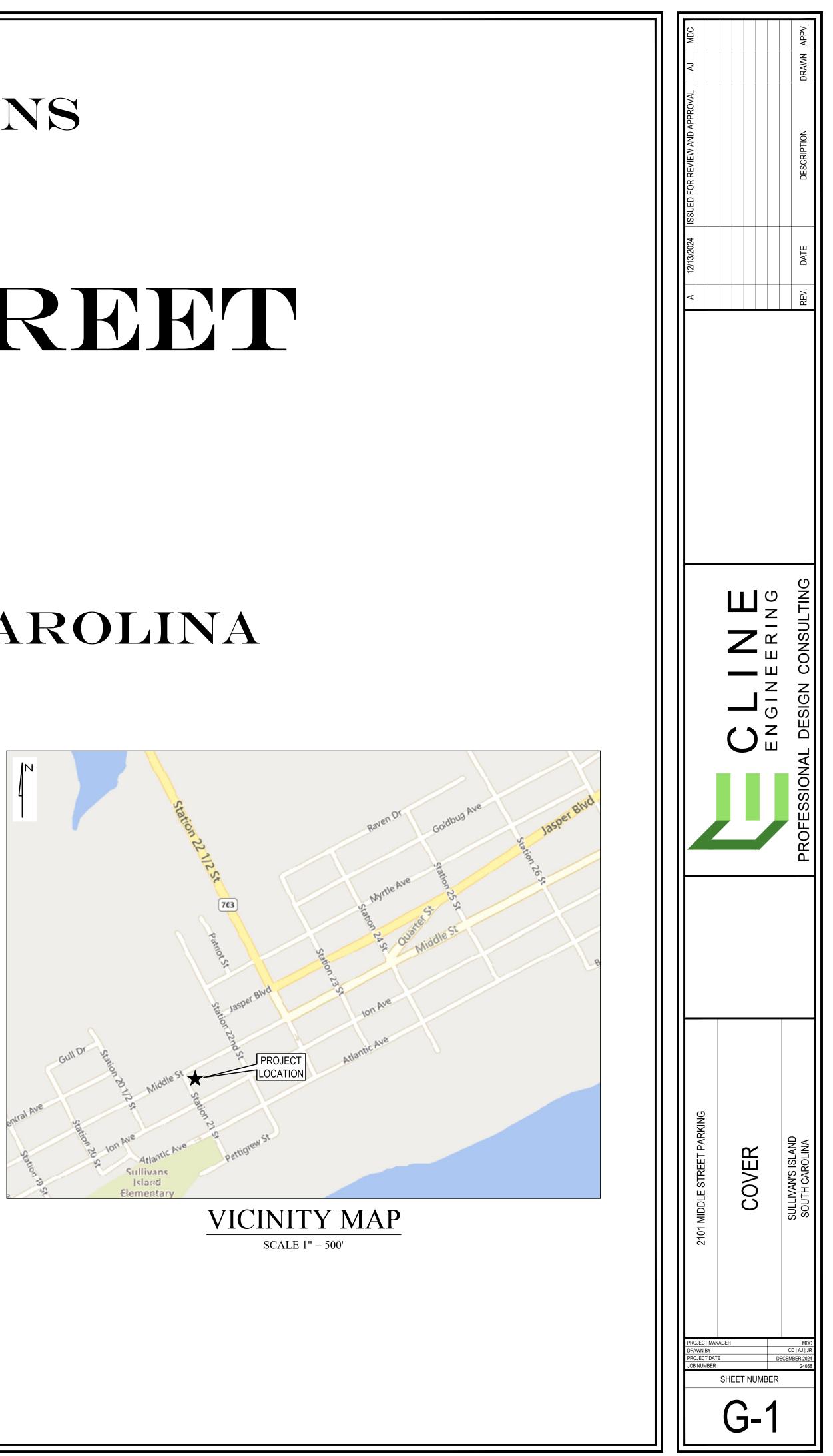
THE PUBLIC RIGHT-OF-WAY MUST REMAIN ADA COMPLIANT DURING CONSTRUCTION OR AN ALTERNATIVE ROUTE MUST BE PROVIDED. IT IS THE OWNERS RESPONSIBILITY TO REPAIR ALL DAMAGED SIDEWALKS TO REINSTATE AN ADA ACCESSIBLE ROUTE.

PROJECT DESC

SITE IMPROVEMENTS WILL CONSIST OF T GRAVEL PARKING AND LANDSCAPING.

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THE INSTALLATION OF

SHEET LIST TABLE				
SHEET NUMBER	SHEET TITLE			
G-1	COVER			
G-2	GENERAL NOTES			
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V-1	SITE CONDITIONS			
C-1	SITE PLAN			
C-2	CONSTRUCTION DETAILS			
C-3	CONSTRUCTION DETAILS			



NC. IN W		TEWORK TOPOGRAPHIC AND BOUNDARY SURVEY BY OTHERS AND PROVIDED TO CLINE ENGINEERING BY CLIENT.	49. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN FOR ALL LANE AND SHOULDER CLOSURES WILL NEED TO BE SUBMITTED FOR AL THE R/W PRIOR TO CONSTRUCTION. NIGHT WORK COULD BE REQUIRED FOR ANY AND ALL LANE CLOSURES.	
GINEERING, II	2.	THE CONTRACTOR SHALL VERIFY THE LOCATION AND INVERT ELEVATION OF ALL UNDERGROUND UTILITIES, AND VERIFY PROPERTY CORNERS AND TOPOGRAPHY BEFORE ANY CONSTRUCTION IS BEGUN. CALL UTILITY COMPANIES BEFORE EXCAVATION TO LOCATE ALL BURIED CABLES AND UNDERGROUND UTILITIES, PRIOR TO INSTALLATION OF STORM OR SANITARY SEWER. THE CONTRACTOR SHALL VERIFY THE INVERTS OF EXISTING STRUCTURES AND INFORM	 THE OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF DRIVEWAYS AND OTHER ACCESS POINTS, INCLUDING ANY NEW DRAINAGE ST FOR AREAS WITHIN THE RIGHTS-OF-WAYS OF STATE MAINTAINED FACILITIES IN PERPETUITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING ANY EXISTING UTILITIES NECESSARY FOR SITE CONSTRUCTION INCLUDING ALL I 	
		THE OWNER AND THE ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHOULD NOTIFY THE ENGINEERS FOR A REVIEW SHOULD DISCREPANCIES BE DISCOVERED AT THE SITE OR ON THE DRAWINGS BEFORE	FEES. 52. THE CONTRACTOR SHALL VERIFY BENCH MARK LOCATION AND ELEVATION WITH SURVEYOR BEFORE BEGINNING CONSTRUCTION.	
	5.	AND DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE BETWEEN ALL CIVIL DRAWINGS WITH GRADING AND UTILITY CONTRACTORS IN ORDER TO AVOID PROBLEMS DURING CONSTRUCTION.	53. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EASEMENTS ON THE SITE BEFORE PROCEEDING WITH CONSTRUCTION.	
		CONTRACTOR TO SCHEDULE A PRECONSTRUCTION MEETING WITH ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER AND UTILITY COMPANIES DURING CONSTRUCTION OF WATER AND SEWER SO PERIODIC OBSERVATIONS CAN BE MADE. CONTRACTOR WILL CERTIFY TO THE ENGINEER IN WRITING THAT WATER AND SEWER LINES HAVE BEEN TESTED AND CONSTRUCTED ACCORDING TO THE ENGINEER'S AND UTILITY COMPANY'S DRAWINGS AND SPECIFICATIONS.	 ALL PARKING LOT STRIPING IS TO BE PER SOUTH CAROLINA D.O.T. SPECIFICATIONS AND HAVE TWO (2) COATS OF PAINT. THE CONTRACTOR IS FOR PROVIDING FIRE LANE STRIPING AND SIGNAGE TO MEET LOCAL REQUIREMENTS. THE BASES OF ALL LIGHT POLES, ALL SPEED BUMPS, ALL AND ALL FACES OF SIDEWALK THAT ARE NOT FLUSH WITH ASPHALT ARE TO BE PAINTED TRAFFIC YELLOW. IN THE CASE OF A CONFLICT IN SPECIFICATIONS, NOTES, OR DETAILS, THE STRICTER SHALL GOVERN. 	
	5.	EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.	DEMOLITION NOTES	
		ALL REFERENCE TO SPECIFICATIONS FOR HIGHWAY CONSTRUCTION OR MATERIALS ARE MADE FROM SOUTH CAROLINA STATE HIGHWAY DEPARTMENT'S STANDARD SPECIFICATION, LATEST EDITION.	 DEMOLITION INCLUDES THE REMOVAL AND DISPOSAL OF DEMOLISHED MATERIALS, AS SHOWN ON THE DRAWINGS AND HEREIN SPECIFIED. CONDITIONS EXISTING AT THE TIME OF INSPECTION FOR BIDDING PURPOSES WILL BE MAINTAINED BY THE OWNER IN SO FAR AS PRACTICABLE 	E, HOWEVER
Ι		ALL DIMENSIONS SHOWN ARE MEASURED FROM OUTSIDE FACE OF BUILDING WALL AND TO FACE OF CURB LINE. MIDDLE LINE IS THE FACE OF CURB. EARTHWORK SHALL BE TO THE LINES AND GRADES SHOWN. PROOF ROLLING AND COMPACTION TEST SHALL BE ACCOMPLISHED IN THE FIELD TO TEST ALL	VARIATIONS MAY OCCUR. 3. STORAGE OR SALE OF DEMOLISHED MATERIAL ON THE SITE WILL NOT BE PERMITTED.	
		AREAS. THE OWNER SHALL RETAIN THE SERVICES OF A TESTING COMPANY TO TEST ALL AREAS. MASS AREAS OF FILL SHALL BE PLACED IN LOOSELY MEASURED LIFTS NOT EXCEEDING 8" THICKNESS. ISOLATED AREAS OF FILL (SUCH AS TRENCH BACKFILL) SHALL BE PLACED IN LIFTS NOT EXCEEDING 6" THICKNESS.	4. THE USE OF EXPLOSIVES WILL BE PERMITTED ONLY WHEN AUTHORIZED BY THE CONSTRUCTION PROJECT MANAGER.	
		CONTRACTOR SHALL PROTECT ALL TREES THAT ARE TO REMAIN AS MARKED IN THE FIELD BY OWNER'S REPRESENTATIVE.	5. CONDUCT DEMOLITION OPERATIONS AND THE REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND ADJACENT OCCUPIED OR USED FACILITIES OR ADJACENT CONSTRUCTION PROCESSES.	
		THE GRADING CONTRACTOR SHALL PROOF-ROLL THE CONSTRUCTION AREA WITH A FULLY-LOADED TANDEM-AXLE DUMP TRUCK, OR APPROVED EQUAL, BY MAKING 2 COMPLETE PASSES IN EACH OF 2 PERPENDICULAR DIRECTIONS. ALL SOFT SPOTS SHALL BE UNDERCUT AND RE-COMPACTED WITH SUITABLE STRUCTURAL FILL MATERIAL. MINIMUM AXLE WEIGHT = 10 TONS.	 DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM THE CONSTRUCTION MANAGER AND THE AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS GOVERNING REGULATIONS. 	
	11.	THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND WILL NOT BE LIMITED TO NORMAL WORKING HOURS.	 ENSURE THE SAFE PASSAGE OF PERSONS AROUND THE AREA OF DEMOLITION. CONDUCT OPERATIONS TO PREVENT INJURY TO ADJACENT BU STRUCTURES, OTHER FACILITIES, AND PERSONS. 	IILDINGS,
		THE DUTY OF THE ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON, OR NEAR THE CONSTRUCTION SITE. THE CONTRACTOR WILL BE RESPONSIBLE FOR	8. PROMPTLY REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS AT NO COST TO THE OWNER.	
		PROVIDING AND MAINTAINING ALL BARRICADES, WARNING SIGNS, FLASHING LIGHTS, AND TRAFFIC CONTROL DEVICES DURING CONSTRUCTION. THE CONTRACTOR IS TO COMPLY WITH ALL OSHA REGULATIONS, REQUIREMENTS, AND SAFETY MEETING REQUIREMENTS.	 MAINTAIN EXISTING UTILITIES, INDICATED TO REMAIN, KEEP IN SERVICE, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. C SHALL FIELD LOCATE AND VERIFY ALL UTILITIES ON SITE. 	
E PKOPEK		ALL NEW ELEVATIONS SHOWN ARE FINISH GRADE ELEVATION. THE GRADING CONTRACTOR SHALL DEDUCT THE FOLLOWING FOR SUBGRADE ELEVATION: BUILDING FLOOR - SEE ARCHITECTURAL PLANS	 DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING FROM THE CONSTR PROJECT MANAGER AND THE AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING ACCEPTABLE TO THE GOVERNING AUTHORITIES. NOTIFY ALL BUSINESSES IMPACTED IN ADVANCE OF ALL SCHEDULED UTILITY INTERRUPTIONS 	UTILITIES, A
		HEAVY DUTY PAVEMENT - 11" LIGHT DUTY PAVEMENT - 8"	11. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.	
		PCC PAVEMENT - 12"	 DEMOLISH CONCRETE AND MASONRY IN SMALL SECTIONS. COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES BELOW GRADE. 	
		SIDEWALKS - 4" TURF AREAS - 4"	14. PLACE FILL MATERIALS IN HORIZONTAL LAYERS NOT EXCEEDING 6" IN LOOSE DEPTH. COMPACT EACH LAYER AT OPTIMUM MOISTURE CONTENT MATERIAL TO A DENSITY EQUAL TO THE ORIGINAL ADJACENT GROUND, UNLESS SUBSEQUENT EXCAVATION FOR NEW WORK IS REQUIRED. AFT DIACEMENT AND COMPACTION, CRAPE THE SUBSACE TO MEET AD LACENT CONTOURS AND TO DROVIDE FLOW TO SUBSACE DRAWAGE STRUCT	TER FILL
ARE AN INC		THE CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION THAT ARE WITHIN 5 FEET OF NEW CONSTRUCTION. REMOVE DEBRIS FROM SITE OR BURN IN ACCORDANCE WITH LOCAL LAWS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY BURNING PERMITS. PROTECT ALL TREES THAT	PLACEMENT AND COMPACTION, GRADE THE SURFACE TO MEET ADJACENT CONTOURS AND TO PROVIDE FLOW TO SURFACE DRAINAGE STRUC 15. REMOVE FROM THE SITE DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS, OR AS DIRECTED BY THE COL DRO LECT MANAGER AND LECALLY DISPOSE OF DEBRIS "OFE SITE"	
AU FILES F	14.	ARE TO REMAIN. TOPSOIL SHALL BE STRIPPED TO A DEPTH AS REQUIRED BY OWNER OR GEOTECH AND STOCKPILED AS DIRECTED BY THE OWNER'S REPRESENTATIVE.	PROJECT MANAGER AND LEGALLY DISPOSE OF DEBRIS "OFF-SITE". 16. ALL PIPING, FENCING AND OTHER MATERIALS THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE REMOVED OR ABANDONED AS DIRECTED CONSTRUCTION PROJECT MANAGER	BY THE
		THE TOP 18" OF FILL SHALL BE COMPACTED TO 98% OF MAXIMUM DRY DENSITY BY THE STANDARD PROCTOR METHOD ASTM D-698. ALL OTHER FILL SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY. MOISTURE SHALL BE CONTROLLED TO WITHIN ±2% OF OPTIMUM.	CONSTRUCTION PROJECT MANAGER. 17. ALL SALVAGEABLE MATERIALS WILL REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL REMOVE AND STORE THIS MATERIAL A THE CONSTRUCTION PROJECT MANAGER	S DIRECTED
		ALL EXCAVATION SHALL BE "CLASSIFIED EXCAVATION". EXCAVATION SHALL BE "CLASSIFIED" AS "COMMON EXCAVATION" OR "ROCK EXCAVATION". ROCK EXCAVATION SHALL BE CLASSIFIED AS FOLLOWS:	THE CONSTRUCTION PROJECT MANAGER. 18. TRANSPORT MATERIALS REMOVED FROM DEMOLISHED STRUCTURES AND DISPOSE OF "OFF" SITE AS REQUIRED. DEBRIS SHALL NOT BE "BURIL SITE EXCEPT AS ALL OWED BY ALL ADDUCADE E LAWS AND BY THE CENTECHNICAL ENCINEER.	ED" OR LEFT
		MASSIVE ROCK EXCAVATION - ANY MATERIAL WHICH CANNOT BE EXCAVATED WITH A SINGLE TOOTH RIPPER DRAWN BY A CRAWLER TRACTOR HAVING A MINIMUM DRAW BAR RATED AT NOT LESS THAN 53,000 POUNDS (CATERPILLAR D-8 OR EQUIVALENT) AND OCCUPYING AN ORIGINAL VOLUME OF AT LEAST ONE CUPIC VADD OD MODE	SITE EXCEPT AS ALLOWED BY ALL APPLICABLE LAWS AND BY THE GEOTECHNICAL ENGINEER. 19. THE CONTRACTOR IS TO MAINTAIN MINIMUM COVER OVER ALL UTILITY LINES THROUGHOUT CONSTRUCTION. THE CONTRACTOR IS RESPONSIB DEPAIDING ANY DAMAGE TO UTILITY LINES AT NO ADDITIONAL COST TO THE OWNER.	BLE FOR
		CUBIC YARD OR MORE. TRENCH EXCAVATION - ANY MATERIAL WHICH CANNOT BE EXCAVATED WITH A POWER SHOVEL HAVING THE CAPACITY OF AT LEAST THAT OF A CATERPILLAR	REPAIRING ANY DAMAGE TO UTILITY LINES AT NO ADDITIONAL COST TO THE OWNER. 20. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO THE SITE OR TO THE BUILDING AND IMPROVEMENTS ON THE SITE THAT CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.	OCCUR DUR
		225 AND OCCUPYING AN ORIGINAL VOLUME OF AT LEAST 1/2 CUBIC YARD OR MORE. COMMON EXCAVATION SHALL INCLUDE ALL MATERIALS THAT CAN BE RIPPED, BOULDERS, AND ALL OTHER MATERIALS THAT DO NOT FALL IN THE CATEGORY	CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. 21. THE CONTRACTOR MUST VISIT SITE PRIOR TO SUBMITTING BID AND INCLUDE IN HIS PRICE ALL DEMOLITION AND DISPOSAL COSTS TO REMOVE AND ALL ITEMS THAT MAY INTERFERE WITH NEW CONSTRUCTION	RELOCATE
	17.	OF ROCK EXCAVATION AS DEFINED ABOVE. THE CLASSIFICATION OF SOILS INCLUDE: TOPSOIL, FILL MATERIAL, UNSUITABLE MATERIAL, AND ROCK EXCAVATION. THE CLASSIFICATION OF SOILS IS THE	AND ALL ITEMS THAT MAY INTERFERE WITH NEW CONSTRUCTION. 22. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND COORDINATE THE DEMOLITION, REMOVAL, RELOCATION, ABANDONMENT, ET UTILITIES THAT INTERFERE WITH NEW CONSTRUCTION, ANY DEMOLITION AND RELOCATION, REMOVAL, RELOCATION, ABANDONMENT, ET	
	18.	RESPONSIBILITY OF THE OWNER'S SOIL TESTING FIRM. ALL FILL MATERIAL SHALL CONSIST OF AN APPROVED MATERIAL AND BE FREE OF ORGANIC MATTER AND DEBRIS. IMPORTED FILL SHALL HAVE A MINIMUM STANDARD PROCTOR MAXIMUM DRY DENSITY OF 95 PCF CLAVICIL TENES CONTENT NOT CREATER THAN 25% AND A REASTICITY INDEX LESS THAN 15%	UTILITIES THAT INTERFERE WITH NEW CONSTRUCTION. ANY DEMOLITION AND RELOCATION SHOWN IS SCHEMATIC ONLY. THE CONTRACTOR IS FOR COORDINATING THE DESIGN, CONSTRUCTION, AND EASEMENTS OF ALL UTILITY WORK WITH THE APPROPRIATE UTILITIES. 23. DEMOLISH ALL EXISTING UTILITIES THAT LIE UNDER AND 10' OUTSIDE OF NEW BUILDING. THE EXISTING UTILITIES 10' OR MORE OUTSIDE NEW B'	
		STANDARD PROCTOR MAXIMUM DRY DENSITY OF 95 PCF, CLAY/SILT FINES CONTENT NOT GREATER THAN 25%, AND A PLASTICITY INDEX LESS THAN 15%. ALL EXISTING SLOPES STEEPER THAN 4:1 THAT WILL RECEIVE FILL SHALL BE PLOWED AND SCARIFIED SO NEW FILL WILL BOND WITH EXISTING SURFACE.	BE DRAINED AND FILLED WITH FLOWABLE FILL IF TESTING COMPANY APPROVES EXISTING BACKFILL.	פאווסדים W
		CONTRACTOR SHALL SCARIFY ALL EXISTING ASPHALT PAVEMENT BEFORE PLACING FILL, UNLESS OVERLAYING ASPHALT ONTO EXISTING ASPHALT. THE GRADING CONTRACTOR SHALL CONFORM TO ELEVATIONS AND DIMENSIONS SHOWN WITHIN A TOLERANCE OF PLUS OR MINUS 0.05 FEET. (FINAL GRADED	TEMPORARY SEEDING	
		SURFACE UNDER BUILDING SLABS SHALL BE WITHIN A TOLERANCE OF 3/8" WHEN MEASURED WITH A 10' STRAIGHT EDGE). (FINAL PAVEMENT WEARING COURSE SURFACE SHALL BE WITHIN A TOLERANCE OF 3/16" WHEN MEASURED WITH A 10' STRAIGHT EDGE.) (PAVEMENT VARIATION FROM TRUE DESIGN ELEVATION SHALL BE 1/4" OR LESS.)	THE PURPOSE OF TEMPORARY SEEDING IS TO REDUCE EROSION AND SEDIMENTATION BY STABILIZING DISTURBED AREAS THAT WOULD OTHERWIS LONG PERIODS OF TIME BEFORE THEY ARE WORKED OR STABILIZED. TEMPORARY SEEDING IS ALSO USED WHERE PERMANENT VEGETATION GROW NECESSARY OR APPROPRIATE.	
	22.	ELEVATION SHALL BE 1/4" OR LESS.) SPOT ELEVATIONS SHALL TAKE PRECEDENCE OVER CONTOURS AND SLOPES SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SPOT ELEVATIONS WHICH DO NOT APPEAR TO BE CONSISTENT WITH THE CONTOURS AND SLOPES. SPOT ELEVATIONS SHALL BE USED FOR SETTING ELEVATIONS OF CURB AND	WHEN AND WHERE TO USE IT	
		GUTTER AND UTILITIES. IF GRADE ADJUSTMENTS ARE REQUIRED, THE CONTRACTOR SHALL NOTIFY THE THE ENGINEER TO INVESTIGATE SUCH ADJUSTMENTS.	TEMPORARY SEEDING IS USED ON EXPOSED SOIL SURFACES SUCH AS DENUDED AREAS, SOIL STOCKPILES, DIKES, DAMS, BANKS OF SEDIMENT BAS SEDIMENT TRAPS, AND TEMPORARY ROAD BANKS. TEMPORARY SEEDING PREVENTS AND LIMITS COSTLY MAINTENANCE OPERATIONS ON OTHER SE CONTROL STRUCTURES. SEDIMENT CLEANOUT REQUIREMENTS FOR SEDIMENT BASINS, SEDIMENT, TRAPS, AND SILT FENCE IS REDUCED IF THE DRA	EDIMENT
	24.	GRADES SHOWN AT ALL ENTRANCES ARE DESIGN GRADES. CONTRACTOR SHALL COORDINATE GRADING IN THESE AREAS WITH THE EXISTING FEATURES IN THE FIELD AND/OR CURRENT DESIGN DRAWINGS.	SEEDED WHEN GRADING AND CONSTRUCTION OPERATION ARE NOT TAKING PLACE. TEMPORARY STABILIZATION IS REQUIRED WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITY IS COMPLETE UNLESS CONSTRUCTION ACTIVITY IS GOIN	NG TO RESU
	25.	SITE CONTRACTOR SHALL EXTEND UNDERGROUND ROOF DRAINAGE PIPING TO WITHIN 5 FT OF BUILDING FOR CONNECTION TO ROOF DOWNSPOUTS. CONNECTIONS SHALL BE COORDINATED WITH BUILDING CONTRACTOR.	WITHIN 21 DAYS. COVER SEEDED AREAS WITH AN APPROPRIATE MULCH TO PROVIDE PROTECTION FROM THE WEATHER. WHEN THE TEMPORARY VE DOES NOT GROW QUICKLY OR THICK ENOUGH TO PREVENT EROSION, RE-SEED AS SOON AS POSSIBLE. KEEP SEEDED AREAS ADEQUATELY MOIST. SEEDED AREA IF NORMAL RAINFALL IS NOT ADEQUATE FOR THE GERMINATION AND GROWTH OF SEEDLINGS. WATER SEEDED AREAS AT CONTROLL	IRRIGATE TH ED RATES T
		ALL ROADS AND PARKING LOTS SHALL HAVE A MINIMUM 3'-0" WIDE GRASSED SHOULDER. A 5'-0" WIDE SHOULDER IS PREFERRED AND SHALL BE PROVIDED WHERE POSSIBLE.	ARE LESS THAN THE RATE AT WHICH THE SOIL CAN ABSORB WATER TO PREVENT RUNOFF. RUNOFF OF IRRIGATION WATER WASTES WATER AND CA EROSION.	AN CAUSE
		ALL REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III, UNLESS NOTED ON DRAWINGS WITH BELL & SPIGOT ENDS AND SHALL CONFORM TO ALL REQUIREMENTS OF ASTM C 76, LATEST EDITION, INSTALLED WITH FLEXIBLE PLASTIC (BITUMEN) GASKETS AT ALL JOINTS. GASKETS SHALL COMPLY WITH AASHTO M-198 751, TYPE B, AND SHALL BE INSTALLED IN STRICT ACCORDANCE WITH PIPE MANUFACTURER'S RECOMMENDATIONS.	SEED SELECTION SEED SELECTION IS BASED ON GEOGRAPHICAL LOCATION, SOIL TYPE AND THE SEASON OF THE YEAR IN WHICH THE PLANTING IS TO BE DONE. USE	
		AASHTO M-198 751, TYPE B, AND SHALL BE INSTALLED IN STRICT ACCORDANCE WITH PIPE MANUFACTURER'S RECOMMENDATIONS. ALL CORRUGATED PLASTIC PIPE SHALL MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S, SHALL BE SMOOTH INTERIOR WITH ANNULAR CORRUGATED EXTERIOR. HI-Q SURE-LOCK 10.8 PIPE, ADS, N-12, OR APPROVED EQUAL, ALL JOINTS SHALL BE BELL AND SPIGOT AND SHALL MEET THE REQUIREMENTS OF	APPENDIX C AS A GUIDE FOR CONVENTIONAL TILLAGE METHODS (PLOWING, SEEDBED PREPARATION, HYDROSEEDING, ETC). IF A FAST GROWING CI THE PERMANENT SPECIE OR SPECIES IS REQUIRED, THEN USE THE MIX RATE. FAILURE TO CAREFULLY FOLLOW AGRONOMIC RECOMMENDATIONS F INADEQUATE STAND OF TEMPORARY VEGETATION THAT PROVIDES LITTLE OR NO EROSION CONTROL.	
		AASHTO M-294, SHALL BE WATERTIGHT, MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM D 3212. THE GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM		
		ANY REINFORCED CONCRETE PIPE WITH MORE THAN 15 FOOT OF COVER SHALL BE CLASS IV WITH O-RING JOINTS. ALL STORM PIPE LENGTH AND ELEVATIONS (TOPS AND INVERTS) OF STORM DRAINAGE STRUCTURES SHOWN ON THE DRAWINGS ARE APPROXIMATE.	TILLAGE: IF THE AREA HAS BEEN RECENTLY PLOWED, NO TILLAGE IS REQUIRED OTHER THAN RAKING OR SURFACE ROUGHENING TO BREAK AN HAS FORMED LEAVING A TEXTURED SURFACE. DISK THE SOIL FOR OPTIMAL GERMINATION WHEN THE SOIL IS COMPACTED LESS THAN 6-INCHE	
		CONTRACTOR MAY HAVE TO FIELD ADJUST AS NECESSARY DURING CONSTRUCTION. THE CONTRACTOR MAY USE PRE-CAST DRAINAGE STRUCTURES AS AN ALTERNATE FOR STRUCTURES SPECIFIED ON THIS PLAN. HOWEVER, THE OWNER AND CLINE ENGINEERING, INC. ASSUME NO RESPONSIBILITY FOR THESE STRUCTURES. AS FIELD CONDITIONS DURING CONSTRUCTION OFTEN DICTATE ADJUSTMENTS STORM DRAINAGE STRUCTURES. THE CONTRACTOR RETAINS	 SOIL TESTING: SOIL TESTING IS AVAILABLE THROUGH CLEMSON UNIVERSITY COOPERATIVE EXTENSION SERVICE. LIME: LIME IS NOT REQUIRED FOR TEMPORARY SEEDING UNLESS A SOIL TEST SHOWS THAT THE SOIL PH IS BELOW 5.0. IT MAY BE DESIRABLE TO UNLESS A SOIL TEST SHOWS THAT THE SOIL PH IS BELOW 5.0. IT MAY BE DESIRABLE TO UNLESS A SOIL TEST SHOWS THAT THE SOIL PH IS BELOW 5.0. IT MAY BE DESIRABLE TO UNLESS A SOIL TEST SHOWS THAT THE SOIL PH IS BELOW 5.0. IT MAY BE DESIRABLE TO UNLESS A SOIL TEST SHOWS THAT THE SOIL PH IS BELOW 5.0. IT MAY BE DESIRABLE TO UNLESS A SOIL TEST SHOWS THAT THE SOIL PH IS BELOW 5.0. IT MAY BE DESIRABLE TO UNLESS A SOIL TEST SHOWS THAT THE SOIL PH IS BELOW 5.0. IT MAY BE DESIRABLE TO UNLESS A SOIL TEST SHOWS THAT THE SOIL PH IS BELOW 5.0. IT MAY BE DESIRABLE TO UNLESS A SOIL TEST SHOWS THAT THE SOIL PH IS BELOW 5.0. IT MAY BE DESIRABLE TO UNLESS A SOIL TEST AND DESIRABLE TO UNLESS A S	FO APPLY LI
		STRUCTURES, AS FIELD CONDITIONS DURING CONSTRUCTION OF TEN DICTATE ADJUSTMENTS STORM DRAINAGE STRUCTURES. THE CONTRACTOR RETAINS ALL RESPONSIBILITY AND EXPENSE FOR MODIFYING THESE PRE-CAST STRUCTURES TO ACCOMMODATE THESE ADJUSTMENTS. ANY REINFORCED CONCRETE PIPE STEEPER THAN 10 PERCENT MUST HAVE CONCRETE COLLARS. CORRUGATED METAL PIPE WITH HUGGER BANDS MAY BE	 DURING THE TEMPORARY SEEDING OPERATION TO BENEFIT THE LONG-TERM PERMANENT SEEDING. FERTILIZER: APPLY A MINIMUM OF 1.5 TONS OF LIME/ACRE (70 POUNDS PER 1000 SQUARE FEET) IF IT IS TO BE USED.APPLY A MINIMUM OF 500 F ACRE OF 10.10.10 FERTILIZER (11.5 POLINDS PER 1000 SQUARE FEET) OP FOLIVIALENT DURING TEMPORARY SEEDING. UNLESS A SQUARE FEET OP FOLIVIALENT DURING TEMPORARY SEEDING. UNLESS A SQUAR	
		ANY REINFORCED CONCRETE PIPE STEEPER THAN 10 PERCENT MUST HAVE CONCRETE COLLARS. CORRUGATED METAL PIPE WITH HUGGER BANDS MAY BE SUBSTITUTED. THE NUMBER OF CONCRETE COLLARS AND TYPE OF STORM PIPE WILL BE DETERMINED TOGETHER BY THE CONTRACTOR AND THE ENGINEER. ALL SANITARY SEWER WORK SHALL BE CONSTRUCTED TO LINES AND GRADES SHOWN AND AS DETAILED ON THE DRAWINGS. ALL MANHOLE/CLEANOUT TOP	ACRE OF 10-10-10 FERTILIZER (11.5 POUNDS PER 1000 SQUARE FEET) OR EQUIVALENT DURING TEMPORARY SEEDING UNLESS A SOIL TEST IND DIFFERENT REQUIREMENT. INCORPORATE FERTILIZER AND LIME (IF USED) INTO THE TOP 4-6 INCHES OF THE SOIL BY DISKING OR OTHER MEAN CONDITIONS ALLOW.	
		ALL SAMITARY SEWER WORK SHALL BE CONSTRUCTED TO LINES AND GRADES SHOWN AND AS DETAILED ON THE DRAWINGS. ALL MANHOLE/CLEANOUT TOP ELEVATIONS ON CIVIL DRAWINGS ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL MANHOLE/CLEANOUT TOPS ARE FLUSH WITH PAVEMENT FINISHED GRADE THROUGHOUT THE PROJECT.	SEEDING: LOOSEN THE SOIL SURFACE BEFORE BROADCASTING THE SEED. APPLY SEED EVENLY BY THE MOST CONVENIENT METHOD AVAILAB TYPE OF SEED USED AND THE LOCATION OF THE TEMPORARY SEEDING. TYPICAL APPLICATION METHODS INCLUDE BUT ARE NOT LIMITED TO C	YCLONE
		THE CONTRACTOR SHALL PROVIDE STANDARD CLEAN-OUTS OR MANHOLES AT ALL BENDS AND CHANGES IN GRADE IN SEWER LINES AND CONNECTIONS TO EXISTING SEWER LINES. PIPE BEDDING AND BACKFILL SHALL BE CAREFULLY CONTROLLED. ALL SANITARY SEWER WORK SHALL COMPLY WITH LOCAL CODES	SEEDERS, ROTARY SPREADERS, DROP SPREADERS, BROADCAST SPREADERS, HAND SPREADERS, CULTIPACKER SEEDER, AND HYDRO-SEEDE APPLIED SEED BY RAKING OR DRAGGING A CHAIN, AND THEN LIGHTLY FIRM THE AREA WITH A ROLLER OR CULTIPACKER.	
	o. •	AND ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING WITH THE LOCAL AND STATE SEWER APPROVAL AUTHORITIES TO INSURE THAT ALL MATERIALS, INSTALLATION, TESTING, AND AS-BUILT DRAWING REQUIREMENTS WILL BE TO THE SATISFACTION OF THE LOCAL AND STATE AUTHORITIES.	 MULCHING: USE MULCH WITH TEMPORARY SEED APPLICATIONS TO RETAIN SOIL MOISTURE AND REDUCE EROSION DURING THE ESTABLISHME VEGETATION. TYPICAL MULCH APPLICATIONS INCLUDE STRAW, WOOD FIBER, HYDROMULCHES, BFM AND FGM. USE HYDROMULCHES WITH A M OF 70% WOOD FIBERS. THE MOST COMMONLY ACCEPTED MULCH USED IN CONJUNCTION WITH TEMPORARY SEEDING IS SMALL GRAIN STRAW. 	INIMUM BLE
		ALL WATER LINES SHALL BE INSTALLED AS SHOWN ON THE DRAWINGS. ALL PIPES, VALVES, AND FITTINGS SHALL COMPLY WITH AWWA STANDARDS, ALL LOCAL AND STATE CODES AND ORDINANCES. PIPE BEDDING AND BACKFILL SHALL BE CAREFULLY CONTROLLED. WATER LINES SHALL BE PRESSURE TESTED, AND DISINFECTED AS REQUIRED. ALL NECESSARY AS-BUILTS SHALL BE ACCOMPLISHED TO THE SATISFACTION OF THE LOCAL AUTHORITY.	SHOULD BE DRY AND FREE FROM MOLD DAMAGE AND NOXIOUS WEEDS. THE STRAW MAY NEED TO BE ANCHORED WITH NETTING OR EMULSIO IT FROM BEING BLOWN OR WASHED AWAY. APPLY THE STRAW MULCH BY HAND OR MACHINE AT THE RATE 1.5-2 TONS PER ACRE (90 POUNDS P SQUARE FEET). FREQUENT INSPECTIONS ARE NECESSARY TO CHECK THAT CONDITIONS FOR GROWTH ARE GOOD.	NS TO PREV
		ALL UTILITY TRENCHES SHALL BE THOROUGHLY COMPACTED AND TESTED TO PREVENT SETTLEMENT AND DAMAGE TO FUTURE PAVEMENT AND STRUCTURES. ASPHALT PAVING FOR LIGHT DUTY AREAS SHALL BE CONSTRUCTED ON A PREPARED AND WELL-DRAINED SUBGRADE COMPACTED AS SPECIFIED. THE BASE	 SQUARE FEET). FREQUENT INSPECTIONS ARE NECESSARY TO CHECK THAT CONDITIONS FOR GROWTH ARE GOOD. IRRIGATION: SEEDED AREAS SHOULD BE KEPT ADEQUATELY MOIST. IRRIGATE THE SEEDED AREA IF NORMAL RAINFALL IS NOT ADEQUATE FOR GERMINATION AND GROWTH OF SEEDLINGS. WATER SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SEEDED AREAS AT CONTROLLED AREAS AT CONTROL AREAS	
		ASPHALT PAVING FOR LIGHT DUTY AREAS SHALL BE CONSTRUCTED ON A PREPARED AND WELL-DRAINED SUBGRADE COMPACTED AS SPECIFIED. THE BASE COURSE SHALL BE CONSTRUCTED WITH 6" COMPACTED THICKNESS STONE BASE. THE SURFACE COURSE SHALL BE CONSTRUCTED WITH 2" COMPACTED THICKNESS ALL PAVING WORK (MATERIALS AND CONSTRUCTION) SHALL COMPLY WITH STATE SPECIFICATIONS.	 GERMINATION AND GROWTH OF SEEDLINGS. WATER SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE S ABSORB WATER TO PREVENT RUNOFF. RUNOFF OF IRRIGATION WATER WASTES WATER AND CAN CAUSE EROSION. RE-SEEDING: RE-SEED AREAS WHERE SEEDING DOES NOT GROW QUICKLY, THICK ENOUGH, OR ADEQUATELY TO PREVENT EROSION. BASE SET 	
		ASPHALT PAVING FOR HEAVY DUTY AREAS SHALL BE CONSTRUCTED ON A PREPARED AND WELL-DRAINED SUBGRADE COMPACTED AS SPECIFIED. THE BASE COURSE SHALL BE CONSTRUCTED WITH 8" COMPACTED THICKNESS STONE BASE. THE BINDER COURSE SHALL BE CONSTRUCTED WITH 1.5" COMPACTED	 RE-SEEDING: RE-SEED AREAS WHERE SEEDING DOES NOT GROW QUICKLY, THICK ENOUGH, OR ADEQUATELY TO PREVENT EROSION. BASE SEE SHOULD ON THE REQUIREMENTS OF LOCAL SPECIFICATIONS. 	
		THICKNESS ASPHALT CONCRETE. THE SURFACE COURSE SHALL BE CONSTRUCTED WITH 1.5" COMPACTED THICKNESS ASPHALT CONCRETE. ALL PAVING WORK (MATERIALS AND CONSTRUCTION) SHALL COMPLY WITH STATE SPECIFICATIONS.	INSPECTION AND MAINTENANCE INSPECT EVERY 7 CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES ½-INCHES OR MORE OF PRECIPITAT	ΓION.
		CONCRETE TRUCK PAVEMENT SHALL BE CONSTRUCTED WITH 4,000 PSI CONCRETE, 6" THICK REINFORCED WITH 6" X 6" - W2.9 X W2.9 W.W.M. JOINTS SHALL BE CONSTRUCTED AS SHOWN ON DETAILS.	COVER SEEDED WITH MULCH TO PROVIDE PROTECTION. FREQUENT INSPECTIONS ARE NECESSARY TO CHECK THAT CONDITIONS FOR GROWT	TH ARE GOO
		CONCRETE SIDEWALKS SHALL BE CONSTRUCTED WITH 3,000 PSI CONCRETE, 4" THICK NON-REINFORCED WITH JOINTS AS SHOWN ON DETAILS. ALL AREAS NOT COVERED BY BUILDINGS AND PAVEMENT SHALL RECEIVE TOPSOIL AND BE GRASSED IN ACCORDANCE WITH SPECIFICATIONS.	 SUPPLY TEMPORARY SEEDING WITH ADEQUATE MOISTURE. SUPPLY WATER AS NEEDED, ESPECIALLY IN ABNORMALLY HOT OR DRY WEATHER ADVERSE SITES. CONTROL WATER APPLICATION RATES TO PREVENT RUNOFF. PASE SEED SELECTION ON LOCAL SPECIFICATIONS 	UK UN
	41.	CONCRETE CURB AND GUTTER SHALL BE 18" WIDE WITH 6" CURB CONSTRUCTED WITH 3,000 PSI CONCRETE WITH EXPANSION JOINTS AND CONTRACTION JOINTS INSTALLED TO COMPLY WITH S.C.D.O.T. STANDARD SPECIFICATION FOR MATERIALS AND CONSTRUCTION OF CURB AND GUTTER.	 BASE SEED SELECTION ON LOCAL SPECIFICATIONS. RE-SEED AREAS WHERE THE PLANTS DO NOT GROW QUICK ENOUGH, THICK ENOUGH, OR ADEQUATELY ENOUGH TO PREVENT EROSION SHOULD BE SEEDED. 	LD BE
	42.	THE GRADING CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM BUILDING AT ALL TIMES. CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER ANY AREAS THAT MAY NOT DRAIN PROPERLY DURING CONSTRUCTION.	RE-SEEDED.	
		GRADING CONTRACTOR SHALL INCLUDE IN COST ALL CUT/FILL AND IMPORT/EXPORT NECESSARY FOR EARTHWORK BALANCE. CONTRACTOR SHALL INCLUDE IN COST ALL WETTING/DRYING OF SOILS NECESSARY TO ACHIEVE COMPACTION PER SPECIFICATIONS.	TEMPORARY SEEDING - COASTAL	
		THE CONTRACTOR SHALL CONFORM TO THE CONSTRUCTION SEQUENCE. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT TRAPS BEFORE OTHER SITE GRADING AND SITEWORK IS BEGUN. THE SEDIMENT TRAPS AND	SPECIES RATES PER ACRE PLANTING SANDY, DROUGHTY SITES	G DATES
		SEDIMENT CONTROL DURING CONSTRUCTION SHALL COMPLY WITH ALL LOCAL CODES AND REGULATIONS. AFTER ALL SITEWORK IS COMPLETED AND GRASSING ESTABLISHED, THE GRADING CONTRACTOR SHALL REMOVE ALL SILT FROM THE SITE AND LEGALLY DISPOSE OF ALL SILT OFF-SITE AT NO	BROWNTOP MILLET 40 LBS. MAR. 10 -	-
		ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE WHEN INSTRUCTIONS FROM REGULATORY AGENCIES ARE RECEIVED AND COMPLY WITH	RYE, GRAIN 56 LBS. SEPT. 1 - RYEGRASS 50 LBS. SEPT. 1 -	-
	47.	INSTRUCTIONS AS DIRECTED BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONSTRUCTION DOCUMENTS AND SHALL AT ONCE REPORT TO THE ENGINEER ANY	WELL DRAINED, CLAYEY/LOAMEY SITES BROWNTOP MILLET OR JAPANESE MILLET 40 LBS. MAR. 15 -	- SEPT. 1
		INCONSISTENCIES OR OMISSIONS DISCOVERED. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS TO VERIFY THAT ALL LOCATIONS ARE CORRECT PRIOR TO COMMENCING CONSTRUCTION.	RYE, GRAIN 56 LBS. SEPT. 1 - OR OATS 75 LBS.	MAR. 15
		THE CONTRACTOR SHALL NOT PERFORM ANY WORK ON ANY UTILITIES OR IN ANY PUBLIC RIGHT-OF-WAYS UNTIL HE HAS OBTAINED COPIES OF ALL NECESSARY ENCROACHMENT AND CONSTRUCTION PERMITS. ANY FIELD CHANGES WITHIN SCDOT R/W OR CHANGES THAT WOULD IMPACT SCDOT R/W WILL REQUIRE WRITTEN SCDOT APPROVAL PRIOR TO CHANGES BEING IMPLEMENTED IN THE FIELD. (E.G. DRAINAGE, GRADING, ACCESS DESIGN ETC).	RYEGRASS 50 LBS. SEPT. 1 -	APR. 15
1				

FFIC CONTROL PLAN FOR ALL LANE AND SHOULDER CLOSURES WILL NEED TO BE SUBMITTED FOR ALL WORK WITHIN PERMANENT SEEDING WORK COULD BE REQUIRED FOR ANY AND ALL LANE CLOSURES.

THE REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER OR ADJACENT CONSTRUCTION PROCESSES. ALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM THE CONSTRUCTION PROJECT IURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS IF REQUIRED BY

DEMOLISHED STRUCTURES AND DISPOSE OF "OFF" SITE AS REQUIRED. DEBRIS SHALL NOT BE "BURIED" OR LEFT ON

TO SUBMITTING BID AND INCLUDE IN HIS PRICE ALL DEMOLITION AND DISPOSAL COSTS TO REMOVE/RELOCATE ANY I NEW CONSTRUCTION. ILITY COMPANIES AND COORDINATE THE DEMOLITION, REMOVAL, RELOCATION, ABANDONMENT, ETC. OF ALL

EDUCE EROSION AND SEDIMENTATION BY STABILIZING DISTURBED AREAS THAT WOULD OTHERWISE LAY BARE FOR RKED OR STABILIZED. TEMPORARY SEEDING IS ALSO USED WHERE PERMANENT VEGETATION GROWTH IS NOT

TEMPORARY SEEDING - COASTAL					
PECIES	RATES PER ACRE	PLANTING DATES			
SANDY, DROUGHTY SITES					
ITOP MILLET	40 LBS.	MAR. 10 - SEPT. 1			
e, grain	56 LBS.	SEPT. 1 - MAR. 15			
EGRASS	50 LBS.	SEPT. 1 - APR. 15			
WELL DRAINED, CLAYEY/LOAMEY SITES					
T OR JAPANESE MILLET	40 LBS.	MAR. 15 - SEPT. 1			
E, GRAIN R OATS	56 LBS. 75 LBS.	SEPT. 1 - MAR. 15			
EGRASS	50 LBS.	SEPT. 1 - APR. 15			

CONTROLLING RUNOFF AND PREVENTING EROSION BY ESTABLISHING A PERENNIAL VEGETATIVE COVER WITH SEED.

WHEN AND WHERE TO USE IT A MAJOR CONSIDERATION IN THE SELECTION OF THE TYPE OF PERMANENT GRASS TO ESTABLISH IS THE INTENDED USE OF THE LAND. LAND USE IS SEPARATED IN

TO TWO CATEGORIES, HIGH-MAINTENANCE AND LOW-MAINTENANCE. HIGH-MAINTENANCE: HIGH MAINTENANCE AREAS ARE MOWED FREQUENTLY, LIME OR FERTILIZED ON A REGULAR BASIS, AND REQUIRE MAINTENANCE TO AN AESTHETIC STANDARD. LAND USES WITH HIGH MAINTENANCE GRASSES INCLUDE HOMES, INDUSTRIAL PARKS, SCHOOLS, CHURCHES, AND RECREATIONAL AREAS SUCH AS PARKS, ATHLETIC FIELDS, AND GOLF COURSES.

 LOW-MAINTENANCE: LOW MAINTENANCE AREAS ARE MOWED INFREQUENTLY, IF AT ALL, AND LIME AND FERTILIZER MAY NOT BE APPLIED ON A REGULAR SCHEDULE. THESE AREAS ARE NOT SUBJECT TO INTENSE USE AND DO NOT REQUIRE A UNIFORM APPEARANCE. THE VEGETATION MUST BE ABLE TO SURVIVE WITH LITTLE MAINTENANCE OVER LONG PERIODS OF TIME. GRASS AND LEGUME MIXTURES ARE FAVORED IN THESE AREAS BECAUSE LEGUMES ARE CAPABLE OF FIXING NITROGEN IN THE SOIL FOR THEIR OWN USE AND THE USE OF THE GRASSES AROUND THEM. LAND USES REQUIRING LOW-MAINTENANCE GRASSES INCLUDE STEEP SLOPES, STREAM AND CHANNEL BANKS, ROAD BANKS, AND COMMERCIAL AND INDUSTRIAL AREAS WITH LIMITED ACCESS.

SEED SELECTION THE USE OF NATIVE SPECIES IS PREFERRED WHEN SELECTING VEGETATION. BASE PLANT SEED SELECTION ON GEOGRAPHICAL LOCATION, THE TYPE OF SOIL, THE SEASON OF THE YEAR IN WHICH THE PLANTING IS TO BE DONE, AND THE NEEDS AND DESIRES OF THE PERMANENT LAND USER. FAILURE TO CAREFULLY FOLLOW AGRONOMIC RECOMMENDATIONS RESULTS IN AN INADEQUATE STAND OF PERMANENT VEGETATION THAT PROVIDES LITTLE OR NO EROSION CONTROL.

INSTALLATION

- TOPSOIL: APPLY TOPSOIL IF THE SURFACE SOIL OF THE SEEDBED IS NOT ADEQUATE FOR PLANT GROWTH. • TILLAGE: IF THE AREA HAS BEEN RECENTLY PLOWED, NO TILLAGE IS REQUIRED OTHER THAN RAKING OR SURFACE ROUGHENING TO BREAK ANY CRUST THAT HAS FORMED LEAVING A TEXTURED SURFACE. DISK THE SOIL FOR OPTIMAL GERMINATION WHEN THE SOIL IS COMPACTED LESS THAN 6-INCHES. IF THE SOIL
- IS COMPACTED MORE THAN 6-INCHES, SUB-SOILED AND DISK THE AREA.
- SOIL TESTING: SOIL TESTING IS AVAILABLE THROUGH CLEMSON UNIVERSITY COOPERATIVE EXTENSION SERVICE.
- LIME: UNLESS A SPECIFIC SOIL TEST INDICATES OTHERWISE, APPLY 1½ TONS OF GROUND COURSE TEXTURED AGRICULTURAL LIMESTONE PER ACRE (70 POUNDS PER 1000 SQUARE FEET • FERTILIZER: APPLY A MINIMUM OF 1000 POUNDS PER ACRE OF A COMPLETE 10-10-10 FERTILIZER (23 POUNDS PER 1000 SQUARE FEET) OR EQUIVALENT
- DURING PERMANENT SEEDING OF GRASSES UNLESS A SOIL TEST INDICATES A DIFFERENT REQUIREMENT. INCORPORATE FERTILIZER AND LIME (IF USED) INTO THE TOP 4-6 INCHES OF THE SOIL BY DISKING OR OTHER MEANS WHERE CONDITIONS ALLOW. DO NOT MIX THE LIME AND THE FERTILIZER PRIOR TO THE FIELD APPLICATION.
- SEEDING: LOOSEN THE SURFACE OF THE SOIL JUST BEFORE BROADCASTING THE SEED. EVENLY APPLY SEED BY THE MOST CONVENIENT METHOD AVAILABLE FOR THE TYPE OF SEED APPLIED AND THE LOCATION OF THE SEEDING. TYPICAL APPLICATION METHODS INCLUDE BUT ARE NOT LIMITED TO CYCLONE SEEDERS, ROTARY SPREADERS, DROP SPREADERS, BROADCAST SPREADERS, HAND SPREADERS, CULTIPACKER SEEDER, AND HYDRO-SEEDERS. COVER APPLIED SEED BY RAKING OR DRAGGING A CHAIN OR BRUSH MAT, AND THEN LIGHTLY FIRM THE AREA WITH A ROLLER OR CULTIPACKER. DO NOT ROLL SEED THAT IS APPLIED WITH A HYDRO-SEEDER AND HYDRO-MULCH.
- MULCHING: COVER ALL PERMANENT SEEDED AREAS WITH MULCH IMMEDIATELY UPON COMPLETION OF THE SEEDING APPLICATION TO RETAIN SOIL MOISTURE AND REDUCE EROSION DURING ESTABLISHMENT OF VEGETATION. APPLY THE MULCH EVENLY IN SUCH A MANNER THAT IT PROVIDES A MINIMUM OF 75% COVERAGE, TYPICAL MULCH APPLICATIONS INCLUDE STRAW, WOOD FIBER, HYDROMULCHES, BFM AND FGM, USE HYDROMULCHES WITH A MINIMUM BLEND OF 70% WOOD FIBERS. THE MOST COMMONLY ACCEPTED MULCH USED IN CONJUNCTION WITH PERMANENT SEEDING IS SMALL GRAIN STRAW. SELECT STRAW THAT IS DRY AND FREE FROM MOLD DAMAGE AND NOXIOUS WEEDS. THE STRAW MAY NEED TO BE ANCHORED WITH NETTING OR ASPHALT EMULSIONS TO PREVENT IT FROM BEING BLOWN OR WASHED AWAY. APPLY STRAW MULCH BY HAND OR MACHINE AT THE RATE 2 TONS PER ACRE (90 POUNDS PER 1000 SQUARE FEET). FREQUENT INSPECTIONS ARE NECESSARY TO CHECK THAT CONDITIONS FOR GROWTH ARE GOOD.
- IRRIGATION: KEEP PERMANENT SEEDED AREAS ADEQUATELY MOIST, ESPECIALLY LATE IN THE SPECIFIC GROWING SEASON. IRRIGATE THE SEEDED AREA IF NORMAL RAINFALL IS NOT ADEQUATE FOR THE GERMINATION AND GROWTH OF SEEDLINGS. WATER SEEDED AREAS AT CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SOIL CAN ABSORB WATER TO PREVENT RUNOFF. RUNOFF OF IRRIGATION WATER WASTES WATER AND CAN CAUSE EROSION.
- RE-SEEDING: INSPECT PERMANENTLY SEEDED AREAS FOR FAILURE, MAKE NECESSARY REPAIRS AND RE-SEED OR OVERSEED WITHIN THE SAME GROWING SEASON IF POSSIBLE. IF THE GRASS COVER IS SPARSE OR PATCHY, RE-EVALUATE THE CHOICE OF GRASS AND QUANTITIES OF LIME AND FERTILIZER APPLIED. FINAL STABILIZATION BY PERMANENT SEEDING OF THE SITE REQUIRES THAT IT BE COVERED BY A 70% COVERAGE RATE.
- INSPECTION AND MAINTENANCE FOR PERMANENT SEEDING
- INSPECT SEEDED AREAS FOR FAILURE AND MAKE NECESSARY REPAIRS AND RE-SEED IMMEDIATELY. CONDUCT A FOLLOW-UP SURVEY AFTER ONE YEAR AND REPLACE FAILED PLANTS WHERE NECESSARY.
- IF VEGETATIVE COVER IS INADEQUATE TO PREVENT RILL EROSION, OVERSEED AND FERTILIZE IN ACCORDANCE WITH SOIL TEST RESULTS. • IF A STAND OF PERMANENT VEGETATION HAS LESS THAN 40 PERCENT COVER, RE-EVALUATE CHOICE OF PLANT MATERIALS AND QUANTITIES OF LIME AND
- FERTILIZER. RE-ESTABLISH THE STAND FOLLOWING SEED BED PREPARATION AND SEEDING RECOMMENDATIONS, OMITTING LIME AND FERTILIZER IN THE ABSENCE OF SOIL TEST RESULTS.
- IF THE SEASON PREVENTS RE-SOWING, MULCH IS AN EFFECTIVE TEMPORARY COVER.
- FINAL STABILIZATION OF THE SITE REQUIRES A 70 PERCENT OVERALL COVERAGE RATE. THIS DOES NOT MEAN THAT 30 PERCENT OF THE SITE CAN REMAIN BARE. THE COVERAGE IS DEFINED AS LOOKING AT A SQUARE YARD OF COVERAGE, IN WHICH 70 PERCENT OF THAT SQUARE YARD IS COVERED WITH VEGETATION.

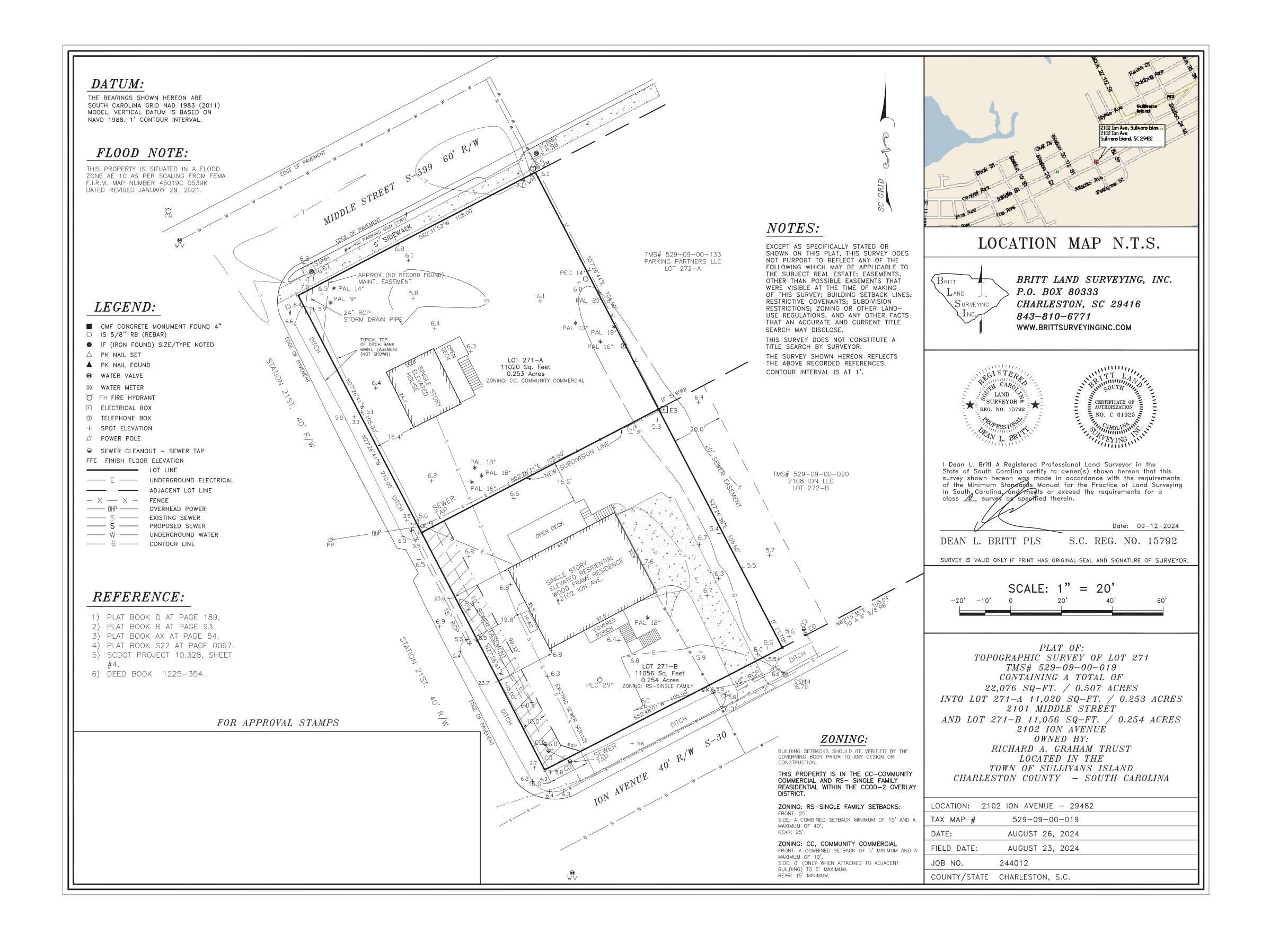
PERMANENT SEEDING - COASTAL				
SPECIES	RATES PER ACRE	PLANTING DATES		
SANDY, DROUGH	TY SITES			
BROWNTOP MILLET BAHIAGRASS	10 LBS. 40 LBS.	MAR. 10 - SEPT. 1		
BROWNTOP MILLET BAHIAGRASS SERICEA LESPEDEZA	10 LBS. 30 LBS. 40 LBS.	MAR. 10 - SEPT. 1		
BROWNTOP MILLET ATLANTIC COASTAL PANICGRASS	10 LBS. 15 LBS. PLS	MAR. 10 - JUN. 25		
BROWNTOP MILLET SWITCHGRASS (ALAMO) LITTLE BLUESTEM SERICEA LESPEDEZA	10 LBS. 8 LBS. PLS 4 LBS. 20 LBS.	MAR. 10 - JUN. 25		
BROWNTOP MILLET WEEPING LOVEGRASS	10 LBS. 8 LBS.	MAR. 10 - JUN. 25		
WELL DRAINED, CLAYE	//LOAMEY SITES			
BROWNTOP MILLET BAHIAGRASS	10 LBS. 40 LBS.	MAR. 15 - SEPT. 1		
RYE, GRAIN BAHIAGRASS CLOVER, CRIMSON (ANNUAL)	10 LBS. 40 LBS. 5 LBS.	SEPT. 1 - NOV. 10		
BROWNTOP MILLET BAHIAGRASS SERICEA LESPEDEZA	10 LBS. 30 LBS. 40 LBS.	MAR. 15 - SEPT. 1		
BROWNTOP MILLET BERMUDA, COMMON SERICEA LESPEDEZA	10 LBS. 10 LBS. 40 LBS.	MAR. 15 - SEPT. 1		
BROWNTOP MILLET BERMUDA, COMMON KOBE LESPEDEZA (ANNUAL)	10 LBS. 12 LBS. 10 LBS.	MAR. 15 - SEPT. 1		
BROWNTOP MILLET BAHIAGRASS BERMUDA, COMMON SERICEA LESPEDEZA	10 LBS. 20 LBS. 6 LBS. 40 LBS.	MAR. 15 - SEPT. 1		
BROWNTOP MILLET SWITCHGRASS LITTLE BLUESTEM INDIANGRASS	10 LBS. 8 LBS. PLS 3 LBS. PLS 3 LBS. PLS	MAR. 15 - SEPT. 1		

DRAWN BY PROJECT DATE JOB NUMBER	2101 MIDDLE STREET PARKING		A 12/13/2024 ISSUED FOR REVIEW AND APPROVAL) APPROVAL AJ MDC
	GENERAL NOTES			
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D AJ JR IBER 2024 24058		PROFESSIONAL DESIGN CONSULTING	REV. DATE DESCRIPTION	N DRAWN APPV.

N WRITING.	WATER LINES	SC	DHEC
EERING, INC.	 ALL WATER LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS AND DETAILS. ALL MATERIALS AND PRODUCTS THAT CONTACT POTABLE WATER MUST BE THIRD PARTY CERTIFIED AS MEETING THE SPECIFICATIONS OF ANSI/NSF STANDARD 61. ALL PIPING MATERIALS AND INSTALLATION SHALL MEET THE APPROVAL OF THE LOCAL AUTHORITY AND THE STATE HEALTH AUTHORITY. 		IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPOI SLOPE IS BROUGHT TO GRADE.
ED BY CLINE ENGIN	 ALL DUCTILE IRON PIPE (DIP) SHALL BE PRESSURE CLASS "350" CONFORMING TO AWWA C151. ALL FITTINGS SHALL BE EITHER MECHANICAL OR PUSH-ON JOINT AND SHALL COMPLY WITH AWWA C110. ALL POLY-VINYL CHLORIDE WATER LINES 4" AND SMALLER SHALL BE CLASS 200 -SDR21 CONFORMING TO ASTM D-2241 AND ASTM D-1784. WATER LINES 6" AND LARGER SHALL BE 235, DR18, JM EAGLE OR APPROVED EQUAL CONFORMING TO AWWA C-900 AND N.S.F. APPROVED. A DETECTABLE TAPE WITH THE WORDS "CAUTION: WATERLINE BURIED BELOW" SHALL BE INSTALLED 6" TO 12" ABOVE THE PIPE. 	2.	STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FC • WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED
N AUTHORIZE	3. SEAMLESS COPPER TUBING, 3" AND SMALLER SHALL BE TYPE "K" ROLL FORM TO COMPLY WITH ASTM B-88, LATEST REVISION AND SHALL BE INSTALLED WITH WROUGHT COPPER (95-5 TIN ANTIMONY SOLDER JOINT) FITTINGS IN ACCORDANCE WITH ASTM B16.22.		 INITIATED AS SOON AS PRACTICABLE. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE DAYS, TEMPORARY STABILIZATION MEASURES DO NOT H.
• WAY OTHER THAI	4. ALL WATER LINES SHALL BE PRESSURE TESTED TO 1.5 TIMES THE MAXIMUM WORKING PRESSURE, 150 PSIG (MINIMUM), CLEANED, STERILIZED, AND FLUSHED UNTIL TWO SUCCESSIVE SATISFACTORY WATER BACTERIOLOGICAL SAMPLES TAKEN AT LEAST 24 HOURS APART ARE OBTAINED. THE SAMPLES SHALL BE ANALYZED BY A STATE APPROVED LABORATORY. THE RESULTS SHALL INCLUDE BOTH COLIFORM AND NON-COLIFORM GROWTH. ALL BACKFLOW PREVENTION DEVICES SHALL BE INSPECTED AND CERTIFIED BY A LICENSED INSPECTOR.		ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INC MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 I
UCED IN ANY	 ALL FIRE HYDRANTS SHALL COMPLY WITH AWWA C502 AND MEET THE APPROVAL OF THE LOCAL WATER AUTHORITY. ALL GATE VALVES SHALL COMPLY WITH AWWA C500, 175 PSI WORKING PRESSURE AND MEET THE APPROVAL OF THE LOCAL WATER AUTHORITY. 		PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABI TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOI REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO ANY
ISED OR REPROD	 A MINIMUM OF A DOUBLE CHECK VALVE (BACKFLOW PREVENTOR) ASSEMBLY SHALL BE INSTALLED ON ALL LINES DEDICATED FOR FIRE LINE SPRINKLER SYSTEMS IN A MANNER ACCEPTABLE TO THE LOCAL AUTHORITY. A BACKFLOW PREVENTION DEVICE MEETING STATE AND LOCAL REQUIREMENTS SHALL BE INSTALLED ON ALL DOMESTIC WATER LINES. ALL PIPE MATERIAL, SOLDER AND FLUX SHALL BE LEAD FREE (LESS THAN 0.2% LEAD IN SOLDER AND FLUX AND LESS THAN 8.0% LEAD IN PIPES AND FITTINGS). 	5.	ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAIN ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZ CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL T
D SHALL NOT BE L	LUBRICANTS WHICH WILL SUPPORT MICROBIOLOGICAL GROWTH SHALL NOT BE USED FOR SLIP ON JOINTS. VEGETABLE SHORTENING SHALL NOT BE USED TO LUBRICATE JOINTS. NATURAL RUBBER OR OTHER MATERIAL WHICH WILL SUPPORT MICROBIOLOGICAL GROWTH MAY NOT BE USED FOR ANY GASKETS, O-RINGS, AND OTHER PRODUCTS USED FOR JOINTING PIPES, SETTING METERS OR VALVES, OR OTHER APPURTENANCES WHICH WILL EXPOSE THE MATERIAL TO THE WATER.	6.	SITE IS STABILIZED. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINI GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REM RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FE
IEERING, INC. AN	 ALL WATER LINES SHALL BE INSPECTED BY THE UTILITY COMPANY AND THE ENGINEER AND CERTIFIED TO THE STATE HEALTH AUTHORITY BEFORE ACCEPTANCE AND A PERMIT TO OPERATE WILL BE ISSUED AS REQUIRED. ALL WATER LINE SHALL HAVE A MINIMUM 3'-0" COVER. 	8.	PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING (72-300 ET SEQ. AND SCR100000. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PL
TY OF CLINE ENG	 WATER LINE SHALL BE INSTALLED AFTER SANITARY SEWER LINES ARE COMPLETE WHERE THEY CROSS. CONTRACTOR SHALL MAINTAIN A 10' HORIZONTAL AND 2' VERTICAL CLEARANCE OF WATER AND SEWER LINES. ALL WATER LINES SHALL CROSS ABOVE SEWER LINES. CONTRACTOR SHALL INCLUDE COST OF METER AND TAP FEES IN PROPOSAL. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL EXCAVATION, COORDINATION AND SCHEDULING OF TAPS. THE CONTRACTOR WILL INSTALL WATER METER AND BOX AS FURNISHED BY THE LOCAL AUTHORITY AND INSTALL SERVICES LINES 	9.	RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO AP ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, A FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT F
AND THE PROPER	TO WITHIN 5' OF BUILDING AS INDICATED ON THE DRAWINGS. 13. THE CONTRACTOR WILL FOLLOW PROCEDURES AS DIRECTED TO FLUSH, STERILIZE AND FURNISH WATER SAMPLES FOR TESTING AS PER AWWA 651 UNTIL APPROVAL IS GRANTED BY THE STATE HEALTH AUTHORITY AND THE LOCAL WATER SYSTEM. A PERMIT TO OPERATE WILL NOT BE ISSUED UNTIL THE COMPLETED WATER SYSTEM MEETS ALL REQUIRED STATE AND LOCAL APPROVALS. THE CONTRACTOR IS RESPONSIBLE TO FURNISH THE OWNER WITH A		LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT C SOURCE IN STORM WATER DISCHARGES. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINF
IENT OF SERVICE.	COMPLETED AND APPROVED WATER SYSTEM ALONG WITH A SET OF APPROVED AS-BUILT DRAWINGS IN A FORMAT ACCEPTABLE TO THE LOCAL UTILITY AUTHORITY. 14. THE CONTRACTOR SHALL NOT PERFORM ANY WORK UNTIL HE HAS OBTAINED COPIES OF ALL NECESSARY ENCROACHMENT AND CONSTRUCTION PERMITS.	12.	ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE STABILIZATION IS REACHED. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEF TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIO
AN INSTRUM	15. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE LOCAL WATER AUTHORITY AND DETERMINING THE REQUIREMENTS AND PROCEDURES FOR OBTAINING THE AUTHORITY'S APPROVAL OF THE WATER SYSTEM PRIOR TO SUBMITTING A PRICE TO THE OWNER. THE DETAILS AND SPECIFICATIONS OF THE LOCAL WATER AUTHORITY SHALL GOVERN.	13.	MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRES
FILES ARE #	SANITARY SEWER LINES		MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMEN MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE C MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERI
CIATED CAD	 ALL CONSTRUCTION SHALL BE PER THE LOCAL SEWER UTILITY'S REQUIREMENTS AND SPECIFICATIONS. THE PLUMBER IS RESPONSIBLE FOR SETTING INVERT ELEVATIONS, PIPE SLOPES, ETC MEETING ALL LOCAL AND STATE CODES. 		APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.). THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED
AND ASSOC	3. EACH JOINT SHALL BE CLEARLY AND LEGIBLY MARKED WITH THE MANUFACTURER'S NAME OR IDENTIFYING SYMBOL WITH THE LETTERS E.S. APPEARING ON THE EXTERIOR OF THE PIPE NEAR THE SOCKET.		 WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS I WASTEWATER FROM WASHOUT AND CLEANOUT OF STUC
S DRAWING	 A MINIMUM OF 3 FEET OF COVER SHALL BE MAINTAINED OVER ALL PVC PIPE LINES. WATER LINES SHALL BE INSTALLED AFTER ALL GRAVITY SEWER LINES ARE INSTALLED. 		 FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE A SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT
THI	6. THIS CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES BEFORE COMMENCING WORK. CONTACT WATER, TELEPHONE, POWER AND GAS COMPANY BEFORE EXCAVATION IS BEGUN.	17.	AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUS PERIOD BETWEEN INSPECTIONS EXCEEDING 9 DAYS, AND MU
	 THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SURVEY WORK NECESSARY TO STAKE SEWER LINES. THE CENTERLINE AND ALL CLEANOUT LOCATIONS SHALL BE STAKED IN THE FIELD. THE OWNER'S SURVEYOR WILL SET ALL LOT CORNERS. THE CONTRACTOR SHALL PROTECT ALL PROPERTY MARKERS. ALL UTILITY TRENCHES SHALL BE THOROUGHLY COMPACTED TO PREVENT SETTLEMENT AND DAMAGE TO FUTURE PAVEMENT AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SURVEY TO STAKE SEVER LINES. THE CONTRACTOR SHALL PROTECT ALL PROPERTY MARKERS. 	18.	CONSTRUCTION SITE. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL E WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE CO BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SI
	 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO EXISTING ROADS USED BY HIS OPERATION. THE CONTRACTOR SHALL REMOVE MUD AND DEBRIS FROM HIGHWAY AND NOT ALLOW DUST TO BECOME A NUISANCE OR SAFETY HAZARD. 10. ALL SANITARY SEWER WORK SHALL BE CONSTRUCTED TO LINES AND GRADES SHOWN AS DETAILED ON THE DRAWING. THE CONTRACTOR SHALL PROVIDE 	19.	AS SOON AS REASONABLY POSSIBLE. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EA
	STANDARD MANHOLES OR CLEAN-OUTS AT ALL BENDS AND CHANGES IN GRADE IN SEWER LINES AND CONNECTIONS TO EXISTING SEWER LINES. PIPE BEDDING AND BACKFILL SHALL BE CAREFULLY CONTROLLED. ALL SANITARY SEWER WORK SHALL COMPLY WITH LOCAL CODES AN ORDINANCES. THE ENGINEER, THE LOCAL AUTHORITY AND THE STATE HEALTH AUTHORITY MUST INSPECT ALL SEWER WORK AS REQUIRED BEFORE BEING PUT IN SERVICE.		OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS DEPARTMENT HAS APPROVED OTHERWISE. SCELLANEOUS
	11. ALL WORK SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND INSTRUCTIONS GIVEN BY THE OWNER'S REPRESENTATIVE, THE STATE HEALTH AUTHORITY AND THE LOCAL GOVERNING AUTHORITY.	1.	ALL RIP RAP FOR CHECK DAMS, EMERGENCY SPILLWAYS, AN SHALL BE DUMPED RIP-RAP IN ACCORDANCE WITH THE SOU
	12. ALL SEWER LINES IN RELATION TO WATER LINES MUST CONFORM TO "TEN STATES STANDARDS", SECTION 38.3, 1990 EDITION, AT A MINIMUM. MAINTAIN A MINIMUM OF 10' HORIZONTAL AND 2' VERTICAL SEPARATION BETWEEN THE WATER AND SANITARY SEWER LINES. WATER LINES SHALL CROSS OVER SANITARY SEWER LINES.		CONSTRUCTION, LATEST EDITION. PIECES SHALL BE NO LARGE ASPHALT DESIGN SHALL BE DONE BY GEOTECHICAL ENGINE
	13. CONTRACTOR TO ASSUME CLASS "B" BEDDING FOR SDR-26 PVC IN HIS BID PROPOSAL. CLASS "A" BEDDING WILL BE PAID FOR AS AN "EXTRA" SHOULD FIELD CONDITIONS REQUIRE THIS BEDDING.		THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PER ALL EROSION CONTROL FOR STOCKPILING OF DIRT SHALL C
	 COUPLINGS SHALL BE EASTERN STANDARD SEWER REPAIR COUPLINGS AS MANUFACTURED BY MISSION RUBBER COMPANY, INC. CATALOG NO. 0408-807 (8640) 0410-704 (0636), OR 0412-6250 (2636), OR AS MANUFACTURED BY FERNCO JOINT SEALER CO., FERNDALE, MICHIGAN, OR APPROVED EQUAL. SANITARY SEWER SERVICES SHALL BE INSTALLED PER DETAILS. LOCATION OF SERVICE LINES SHALL BE MEASURED FROM MANHOLES AND FURNISHED WITH "AS-BUILT" DRAWINGS TO THE ENGINEER. EACH BUILDING SHALL HAVE (1) 6" OR 4" SERVICE LINE, AS SPECIFIED FOR ON THE DRAWINGS, BROUGHT TO WITHIN 5' OF THE BUILDING. SERVICE LINES SHALL BE INSTALLED AS REQUIRED ON PLANS. MINIMUM SLOPE AND CLEANOUT SPACING SHALL 1.04% FOR 6" AND 2.08% 		SEDIMENT MUST BE REMOVED FROM SEDIMENT CONTROL D CLEAN-OUT STAKE, WHICHEVER IS LESS. ALL SLOPES DRAINING OFF-SITE, (NOT THROUGH POND) TO B
	 FOR 4" SERIES. 16. ALL WATER AND SEWER LINE BACKFILL SHALL BE COMPACTED TO 95% STD. PROCTOR BY CONTRACTOR. THE OWNER SHALL TEST COMPACTION. 17. THE OWNER SHALL PAY ALL SEWER TAP FEES TO THE LOCAL GOVERNING AUTHORITY. THE CONTRACTOR SHALL COORDINATE WITH LOCAL AUTHORITY ON SEWER TAPS. 		
	18. THIS CONTRACTOR SHALL SHORE TRENCH EXCAVATION AND USE PIPE BOX TO COMPLY WITH ALL OSHA SAFETY REGULATIONS. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO PROVIDE JOB SITE SAFETY AND COMPLY WITH ALL SAFETY REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR HIS MEANS AND METHODS OF CONSTRUCTION.		
	 POLYVINYL CHLORIDE (PVC) 8" AND LARGER SHALL CONFORM TO ASTM D-3034, SDR-26, INSTALLED IN ACCORDANCE WITH ASTM D-3212. ELASTOMERIC JOINTS SHALL COMPLY WITH ASTM D-3212. SDR-26 SHALL BE INSTALLED IN CLASS "B" BEDDING AS DETAILED ON THE DRAWINGS. PVC SEWER 6" AND SMALLER SHALL CONFORM TO SCHEDULE 40. DUCTILE IRON SHALL BE PRESSURE CLASS "350". CONFORMING TO AWWA C151. FURNISHED AND INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS. 		
	 DOTING THE LIFE OF THE CREEK CROSSING SHALL BE RESTRAINED FROM MOVEMENT (LOK-TIGHT OR APPROVED EQUAL). THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE LOCAL SEWER AUTHORITY AND DETERMINING THE REQUIREMENTS AND PROCEDURES FOR OBTAINING THE AUTHORITY'S APPROVAL OF THE SEWER SYSTEM PRIOR TO SUBMITTING A PRICE TO THE OWNER. THE DETAILS AND SPECIFICATIONS OF THE LOCAL SEWER AUTHORITY SHALL GOVERN. 		
	 MANHOLE FRAME AND COVER SHALL BE MF-11 AND MC-18 RESPECTIVELY AS MANUFACTURED BY SUMTER MACHINERY COMPANY OR SEWER AUTHORITY APPROVED EQUAL. FRAME SHALL WEIGH 208 POUNDS AND COVER SHALL WEIGH 120 POUNDS. ALL SURFACES OF FRAME AND COVER SHALL BE BITUMINOUS COATED. 		
	23. STEPS SHALL BE COPOLYMER POLYPROPYLENE PLASTIC, REINFORCED WITH 1/2" GRADE 60 REINFORCEMENT OR SEWER DISTRICT APPROVED (IF ALLOWED BY LOCAL AUTHORITY).		
	 ALL SANITARY SEWER LINES SHALL BE AIR TESTED AND MUST CONFORM TO ASTM C828, LATEST REVISION. ALL FLEXIBLE AND SEMI-RIGID PIPE SHALL BE TESTED BY PULLING A MANDREL, GO/NO GO, DEVICE BY HAND NO EARLIER THAN 30 DAYS AFTER THE TRENCHING HAS BEEN COMPLETELY BACKFILLED. THE MAXIMUM ALLOWABLE DEFLECTION SHALL NOT EXCEED 5 PERCENT OF NOMINAL INSIDE DIAMETER. CONTRACTOR SHALL NOT TIE NEW SEWER LINE TO EXISTING MANHOLE UNTIL ALL CONSTRUCTION IS APPROVED, TESTED AND ACCEPTED BY THE LOCAL 		
	GOVERNING AUTHORITY. 27. A PRE-CONSTRUCTION CONFERENCE WITH THE CONTRACTOR, SEWER AUTHORITY, STATE HEALTH AUTHORITY, AND THE ENGINEER WILL BE HELD PRIOR TO		
	SEWER LINE CONSTRUCTION. CONTRACTOR SHALL SET UP PRE-CONSTRUCTION CONFERENCE WITH CITY. 28. THE CONTRACTOR SHALL GRASS ALL RIGHT-OF-WAY IN ACCORDANCE WITH SPECIFICATIONS FOR GRASSING.		
	 ALL SEWER LINE WORK SHALL BE "APPROVED" BY THE STATE HEALTH AND LOCAL AUTHORITY, AND "APPROVED" AS-BUILT DRAWINGS SHALL BE FURNISH TO THE OWNER BEFORE CONTRACTOR RECEIVES FINAL PAYMENT. THE CONTRACTOR SHALL NOT PERFORM ANY WORK UNTIL HE HAS OBTAINED COPIES OF ALL NECESSARY ENCROACHMENT AND CONSTRUCTION PERMITS. 		
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	ABBRE	EVIATIONS
T (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO	±	MORE OR LESS
ISTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE	Ø	DIAMETER
D AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY	AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY TRANSPORTATION OFFICIALS
MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.	Ac.	ACRE
S PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE	ADA	AMERICANS WITH DISABILITY ACT
PRTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14	ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
RES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.	ASTM AWWA	AMERICAN SOCIETY OF TESTING AND MATERIALS AMERICAN WATER WORKS ASSOCIATION
SES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION	BM	BENCHMARK
RIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MP WITHIN 48 HOURS OF IDENTIFICATION.	BMP	EROSION CONTROL BEST MANAGEMENT PRACTICES
DE DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL	BOW	BOTTOM OF WALL
IED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO	C&G	CURB AND GUTTER
ACK INTO ANY WATERS OF THE STATE.	CB	CATCH BASIN
ROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO	CIP	CAST IN PLACE
NTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE	CL	CENTERLINE
CTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE	CY DBH	CUBIC YARD DIAMETER BREAST HEIGHT
ALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.	DBH	DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
IN CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL	DIP	DUCTILE IRON PIPE
LANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C REG.	E	EAST
HES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE	E.G.	EXAMPLE GIVEN
	EL	ELEVATION
G WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT ERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER	ETC	ETCETERA
ROW OF SILT FENCE AND ALL WOS.	FDC	FIRE DEPARTMENT CONNECTION
AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY VICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT	FFE	
	FHWA FIRM	FEDERAL HIGHWAY ADMINISTRATION FLOOD INSURANCE RATE MAP
DS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY RS. FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL	FIRM	FILOOD INSURANCE RATE MAP FINISHED PAD ELEVATION
	FT	FEET (LENGTH)
XPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR IE FOR A PERIOD OF 7 CALENDAR DAYS.	н	HORIZONTAL
EASIBLE, PRESERVE TOPSOIL.	HDPE	HIGH-DENSITY POLYETHYLENE
OM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS	HP	HIGH POINT
LTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE;	IBC	INTERNATIONAL BUILDING CODE
ROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH R BAG, ETC.).	IE	
RE PROHIBITED	INV	INVERT
RETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;	LBS LF	POUNDS LINEAR FEET (LENGTH)
NOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;	LP	LOW POINT
D IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND	MAX	MAXIMUM
ID EQUIPMENT WASHING.	MIN	МІЛІМИМ
PECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK, WITH NO TIME DAYS, AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE	MPCE	MATCH PRE-CONSTRUCTION ELEVATION
DATS, AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE	MS4s	STORMWATER DISCHARGE FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS
F ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S	MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
ON MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION ICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED	N	NORTH
	NE NO.	NORTHEAST NUMBER
E HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION EAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE	NSF	NATIONAL SANITATION FOUNDATION
	NTS	NOT TO SCALE
	NW	NORTHWEST
SPILLWAYS, AND OUTLET STABILIZATION PROTECTION TO BE UNDERLAIN WITH FILTER FABRIC. ALL RIP-RAP	OC	ON CENTER
WITH THE SOUTH CAROLINA STATE HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY ALL BE NO LARGER THAN 24 INCHES.	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
CHICAL ENGINEER. CONTRACTOR TO COORDINATE WITH OWNER FOR ASPHALT SPECIFICATION.	PC	PRECAST
AINING ALL PERMITS HIS REQUIRED FOR BORROW AREA (IF NEEDED).	PVC	POLYVINYLCHLORIDE
DIRT SHALL COMPLY WITH SCDHEC STANDARDS.	R RCP	
NT CONTROL DIKE WHEN SEDIMENT REACHES 50% OF THE SEDIMENT STORAGE VOLUME OR THE TOP OF THE	RCP R/W	REINFORCED CONCRETE PIPE RIGHT OF WAY
	PSF	POUNDS PER SQUARE FOOT (PRESSURE)
GH POND) TO BE GRASSED AND STABILIZED WITH EROSION CONTROL BLANKETS.	PSI	POUNDS PER SQUARE INCH (PRESSURE)
	PSIG	POUNDS PER SQUARE INCH GUAGE
	S	SOUTH
	SCDHEC	SOUTH CAROLINA DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL
	SCDOT	SOUTH CAROLINA DEPARTMENT OF TRANSPORATION
	SE	SOUTHEAST
	SF STA	SQUARE FEET STATION
	STA STD.	STANDARD
	STD. SW	SOUTHWEST
	TC	TOP OF CURB
	TP	TOP OF PAVEMENT
	TOW	TOP OF WALL
	TYP	TYPICAL
	V	VERTICAL
	VCP	
	WWF THERE MAY	WELDED WIRE FABRIC BE ADDITIONAL ABBREVIATIONS USED IN THESE PLANS. PLEASE CONTACT ENGINEER IF ANY ABBREVIATION IS UNDEFINED OR
	UNCLEAR.	

LEGEND			APPV.
EXISTING	PROPOSED	DESCRIPTION	
•		BENCHMARK	AJ
Ť		INLET PROTECTION TYPE A	DR
	F	INLET PROTECTION TYPE F	A A
			ISSUED FOR REVIEW AND APPROVAL
		SILTSACK INLET PROTECTION	NOI NOI
		GUTTER EEL INLET PROTECTION	NIPT I N A
		ROCK CHECK DAM	REVIEW AND
	A	ROCK SEDIMENT DIKE	
		ROCK OUTLET STABILIZATION	P F O
	CW	CONCRETE WASHOUT	
(D) or		STORM DRAINAGE - MISCELLANEOUS	ISI IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
	<u>a</u>		4
		STORM DRAINAGE - CATCH BASIN TYPE 16	12/13/2024 DATE
	\bigotimes	STORM DRAINAGE - CATCH BASIN TYPE 9	DA
		STORM DRAINAGE - CURB INLET TYPE 1	
		STORM DRAINAGE - DROP INLET	
		STORM DRAINAGE - JUNCTION BOX	REV.
(S) or	S	SANITARY SEWER MANHOLE	
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© or ⊕	\oplus	SEWER CLEANOUT	
°C*	¥	FIRE HYDRANT	
or 💿	\boxtimes	WATER METER	
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× ×		TREE - TO BE RELOCATED	
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		PROPERTY BOUNDARY	
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	_ · · _ · · _ · · _ · · _	SETBACK	
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	——— DB ———	DIVERSION BERM	N N N N N N N N N N N N N N N N N N N
	DD	DIVERSION DITCH	
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XOC	——— HP ——— ——— ОС ———	OVERHEAD CABLE	PROFESSIONAL
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XOE	00 0E	OVERHEAD CABLE OVERHEAD ELECTRIC	A A A A A A A A A A A A A A A A A A A
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XOE	OC OE OT PD	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH	A A A A A A A A A A A A A A A A A A A
XOE	00 0E 0T	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH	A A A A A A A A A A A A A A A A A A A
XOE	OC OE OT PD	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN	A A A A A A A A A A A A A A A A A A A
XOE XOT	OC OE OT PD RD	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE	A A A A A A A A A A A A A A A A A A A
XOE XOT	OC OE OT PD RD RSF	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE	A A A A A A A A A A A A A A A A A A A
XOE XOT	OC OE OT PD RD RSF SD SS	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER	A A A A A A A A A A A A A A A A A A A
XOE XOT	OC OE OT PD RD RSF SD SS SF	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE	A A A A A A A A A A A A A A A A A A A
XOE XOT	OC OE OT PD RD RSF SD SS SF SSD SSD SSD	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN	Å
XOE XOT	OC OE OT PD RD RSF SD SS SF SSD SSD TB	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE	Å
XOE XOT	OC OE OT PD RD RSF SD SS SF SSD SSD TB	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN	
XOE XOT	OC OE OT PD RD RSF SD SS SF SSD SSD TB	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE	
XOE XOT XD XS	OC OE OT PD RD RSF SD SS SF SSD TB TD	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH	
XOE XOT XD XS	OC OE OT PD RD RSF SD SS SF SSD TB TD TP	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH	
—XOE	OC OE OT PD RD RSF SD SS SF SSD TB TD TP C	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE	
XOE XOT XOT XD XD XS XS XC XE XT	OC OE OT PD RD RSF SD SS SF TB TD TP C E T	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND ELECTRIC	
XOE XOT XOT XD XD XS XS XC XE XT	OC OE OT PD RD RSF SD SS SS SF TD TP C F T W	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND ELECTRIC UNDERGROUND TELEPHONE	TES
XOE XOT XOT XD XD XS XS XC XE XT XW	OC OE OT PD RD RSF SD SS SF SSD TB TD TP C T W FW	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE	TES
XOE XOT XOT XD XD XS XS XC XE XT XW	OC OE OT PD RD RSF SD SS SS SF TD TP C F T W	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND ELECTRIC UNDERGROUND TELEPHONE	TES
XOE XOT XOT XD XD XS XS XC XE XT XW	OC OE OT PD RD RSF SD SS SF SSD TB TD TP C T W FW	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SLIT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND ELECTRIC UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE	TES
XOE XOT XOT XD XD XS XS XC XE XT XW XX	OC OE OT PD RD RSF SD SS SF SSD TB TD TP C T W FW	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE	TES
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ	OC OE OT PD RD RSF SD SS SF SSD TB TD C E T W FW X	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE	LE STREET PARKING RAL NOTES LIVAN'S ISLAND LIVAN'S ISLAND LIVAN'S ISLAND
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ XIZ	OC OE OT PD RD RSF SD SS SF SSD TB TD TP C T W FW	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SLIT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND ELECTRIC UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE	LE STREET PARKING RAL NOTES LIVAN'S ISLAND LIVAN'S ISLAND LIVAN'S ISLAND
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ	OC OE OT PD RD RSF SD SS SF SSD TB TD C E T W FW X	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE	LE STREET PARKING RAL NOTES LIVAN'S ISLAND LIVAN'S ISLAND LIVAN'S ISLAND
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ	OC OE OT PD RD RSF SD SS SF SSD TB TD C E T W FW X	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE	LE STREET PARKING RAL NOTES LIVAN'S ISLAND LIVAN'S ISLAND LIVAN'S ISLAND
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ	OC OE OT PD RD RSF SD SS SF SSD TB TD C E T W FW X	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND ELECTRIC UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE VETLANDS	DLE STREET PARKING ILE STREET PARKING
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ	OC OE OT PD RD RSF SD SS SF SSD TB TD C E T W FW X	OVERHEAD CABLEOVERHEAD ELECTRICOVERHEAD TELEPHONEPERMANENT DIVERSION DITCHROOF DRAINREINFORCED SILT FENCESTORM DRAINAGESANITARY SEWERSILT FENCESUBSURFACE DRAINTREE PROTECTION BARRICADETEMPORARY DIVERSION DITCHTREE PROTECTIONUNDERGROUND CABLEUNDERGROUND TELEPHONEWATERFIRE SERVICEFIRE SERVICEFINCEWETLANDSASPHALT PAVEMENT	LE STREET PARKING RAL NOTES LIVAN'S ISLAND LIVAN'S ISLAND LIVAN'S ISLAND
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ	OC OE OT PD RD RSF SD SS SF SSD TB TD C E T W FW X	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND ELECTRIC UNDERGROUND ELECTRIC UNDERGROUND TELEPHONE FIRE SERVICE FENCE VETLANDS UTILITY LINE, PIPE, OR CURB TO BE DEMOLISHED	LE STREET PARKING RAL NOTES LIVAN'S ISLAND LIVAN'S ISLAND LIVAN'S ISLAND
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ	OC OE OT PD RD RSF SD SS SF SSD TB TD C E T W FW X	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SAINTARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION BARRICADE UNDERGROUND CLABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE VETLANDS ITLITY LINE, PIPE, OR CURB TO BE DEMOLISHED ASPHALT PAVEMENT (LIGHT DUTY)	LE STREET PARKING RAL NOTES LIVAN'S ISLAND LIVAN'S ISLAND LIVAN'S ISLAND
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ XIZ XIZ	OC OE OT PD RD RSF SD SS SF SSD TB TD C E T W FW X	OVERHEAD CABLEOVERHEAD ELECTRICOVERHEAD TELEPHONEPERMANENT DIVERSION DITCHROOF DRAINREINFORCED SILT FENCESTORM DRAINAGESANITARY SEWERSILT FENCESUBSURFACE DRAINTREE PROTECTION BARRICADETEMPORARY DIVERSION DITCHTREE PROTECTIONUNDERGROUND CABLEUNDERGROUND TELEPHONEWATERFIRE SERVICEFIRE SERVICEFINCEWETLANDSASPHALT PAVEMENT	LE STREET PARKING RAL NOTES LIVAN'S ISLAND LIVAN'S ISLAND LIVAN'S ISLAND
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ	 ○ C ○ OE ○ OT ○ PD RD RSF SD SS SSF SSD TB TD TP C E T W FW X 	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION BARRICADE UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE VETLANDS UTLITY LINE, PIPE, OR CURB TO BE DEMOLISHED ASPHALT PAVEMENT (LIGHT DUTY)	LE STREET PARKING RAL NOTES LIVAN'S ISLAND LIVAN'S ISLAND LIVAN'S ISLAND
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ XIZ XIZ	OC OE OT PD RD RSF SD SS SF SSD TB TD C E T W FW X	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE FENCE CUTLITY LINE, PIPE, OR CURB TO BE DEMOLISHED SILTITY TO BE DEMOLISHED ASPHALT PAVEMENT (LIGHT DUTY)	2101 MIDDLE STREET PARKING 2101 MIDDLE STREET PARKING CENERAL NOTES BURLIVAN'S ISLAND SOUTH CAROLINA
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ XIZ XIZ	 ○ C ○ OE ○ OT ○ PD RD RSF SD SS SSF SSD TB TD TP C E T W FW X 	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION BARRICADE UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE VETLANDS UTLITY LINE, PIPE, OR CURB TO BE DEMOLISHED ASPHALT PAVEMENT (LIGHT DUTY)	LE STREET PARKING RAL NOTES LIVAN'S ISLAND LIVAN'S ISLAND LIVAN'S ISLAND
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ	 ○ C ○ OE ○ OT ○ PD RD RSF SD SS SSF SSD TB TD TP C E T W FW X 	OVERHEAD CABLE OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION BARRICADE UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE VETLANDS UTILITY LINE, PIPE, OR CURB TO BE DEMOLISHED CINTTY TO BE DEMOLISHED ASPHALT PAVEMENT (LIGHT DUTY) CONCRETE PAVEMENT	2101 MIDDLE STREET PARKING 2101 MIDDLE STREET PARKING 2101 MIDDLE STREET PARKING SUITIVAN'S ISLAND SOUTH CAROLINA SOUTH CAROLINA
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ	 ○ C ○ OE ○ OT ○ PD RD RSF SD SS SSF SSD TB TD TP C E T W FW X 	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE FENCE CUTLITY LINE, PIPE, OR CURB TO BE DEMOLISHED SILTITY TO BE DEMOLISHED ASPHALT PAVEMENT (LIGHT DUTY) ASPHALT PAVEMENT (HAAYY DUTY)	2101 MIDDLE STREET PARKING 2101 MIDDLE STREET PARKING 21
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ	 ○ C ○ OE ○ OT ○ PD RD RSF SD SS SSF SSD TB TD TP C E T W FW X 	OVERHEAD CABLE OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION BARRICADE UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE VETLANDS UTILITY LINE, PIPE, OR CURB TO BE DEMOLISHED CINTTY TO BE DEMOLISHED ASPHALT PAVEMENT (LIGHT DUTY) CONCRETE PAVEMENT	2101 MIDDLE STREET PARKING 2101 MIDDLE STREET PARKING 2101 MIDDLE STREET PARKING SUITIVAN'S ISLAND SOUTH CAROLINA SOUTH CAROLINA
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ	 ○ C ○ OE ○ OT ○ PD RD RSF SD SS SSF SSD TB TD TP C E T W FW X 	OVERHEAD CABLE OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION BARRICADE UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE VETLANDS UTILITY LINE, PIPE, OR CURB TO BE DEMOLISHED CINTTY TO BE DEMOLISHED ASPHALT PAVEMENT (LIGHT DUTY) CONCRETE PAVEMENT	2101 MIDDLE STREET PARKING 2101 MIDDLE STREET PARKING 21
XOE XOT XOT XD XD XS XS XC XE XT XW XX XX XX XIZ XIZ XIZ XIZ	 ○ C ○ OE ○ OT ○ PD RD RSF SD SS SSF SSD TB TD TP C E T W FW X 	OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE WETLANDS UTLITY LINE, PIPE, OR CURB TO BE DEMOLISHED ENTITY TO BE DEMOLISHED ASPHALT PAVEMENT (UGHT DUTY) CONCRETE PAVEMENT	2101 MIDDLE STREET PARKING 2101 MIDDLE STREET PARKING 21
XOE XOT XD XD XD XS		OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD TELEPHONE PERMANENT DIVERSION DITCH ROOF DRAIN REINFORCED SILT FENCE STORM DRAINAGE SANITARY SEWER SILT FENCE SUBSURFACE DRAIN TREE PROTECTION BARRICADE TEMPORARY DIVERSION DITCH TREE PROTECTION UNDERGROUND CABLE UNDERGROUND TELEPHONE WATER FIRE SERVICE FENCE WETLANDS UTLITY LINE, PIPE, OR CURB TO BE DEMOLISHED ENTITY TO BE DEMOLISHED ASPHALT PAVEMENT (UGHT DUTY) CONCRETE PAVEMENT	2101 MIDDLE STREET PARKING 2101 MIDDLE STREET PARKING 21

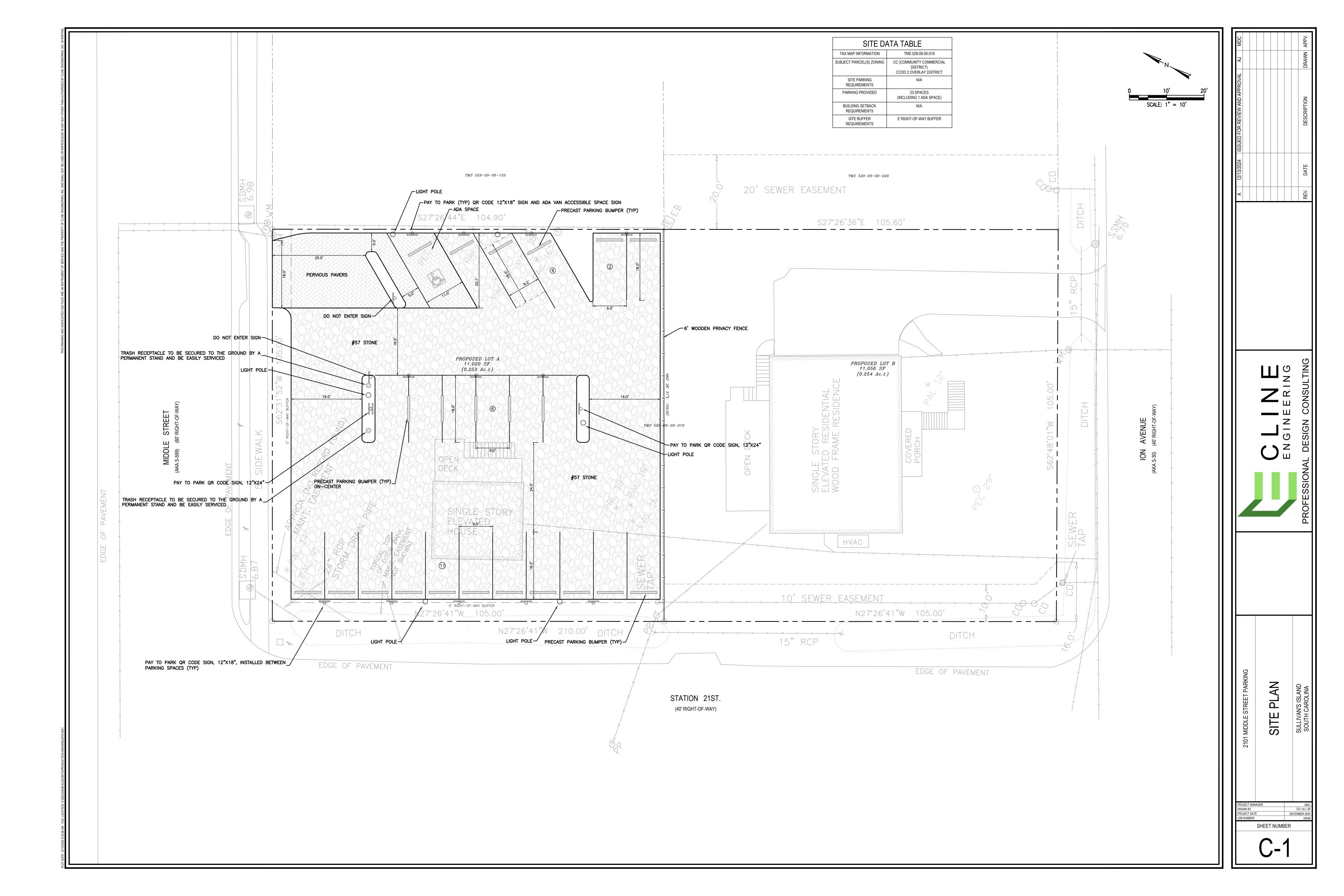


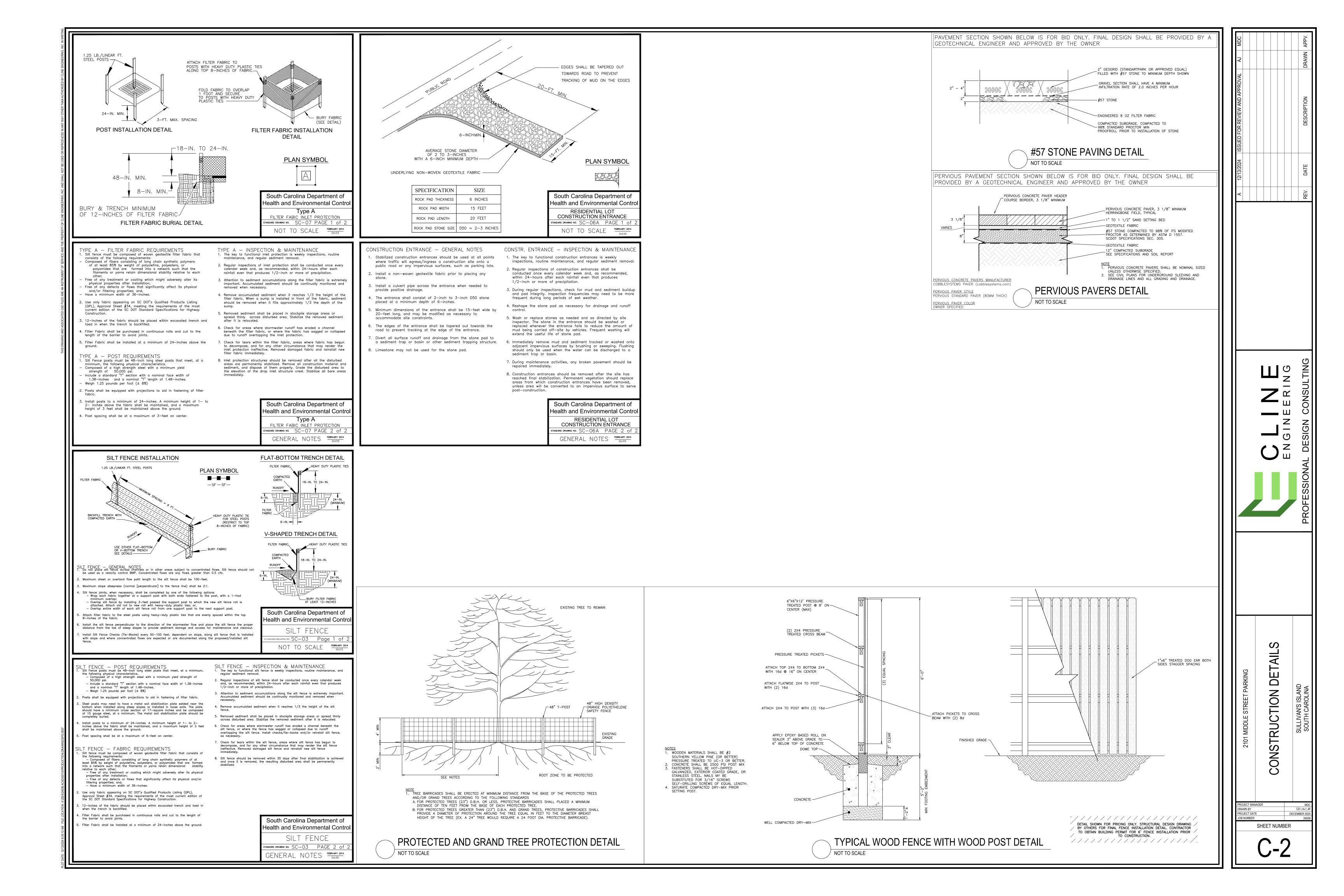
SITE

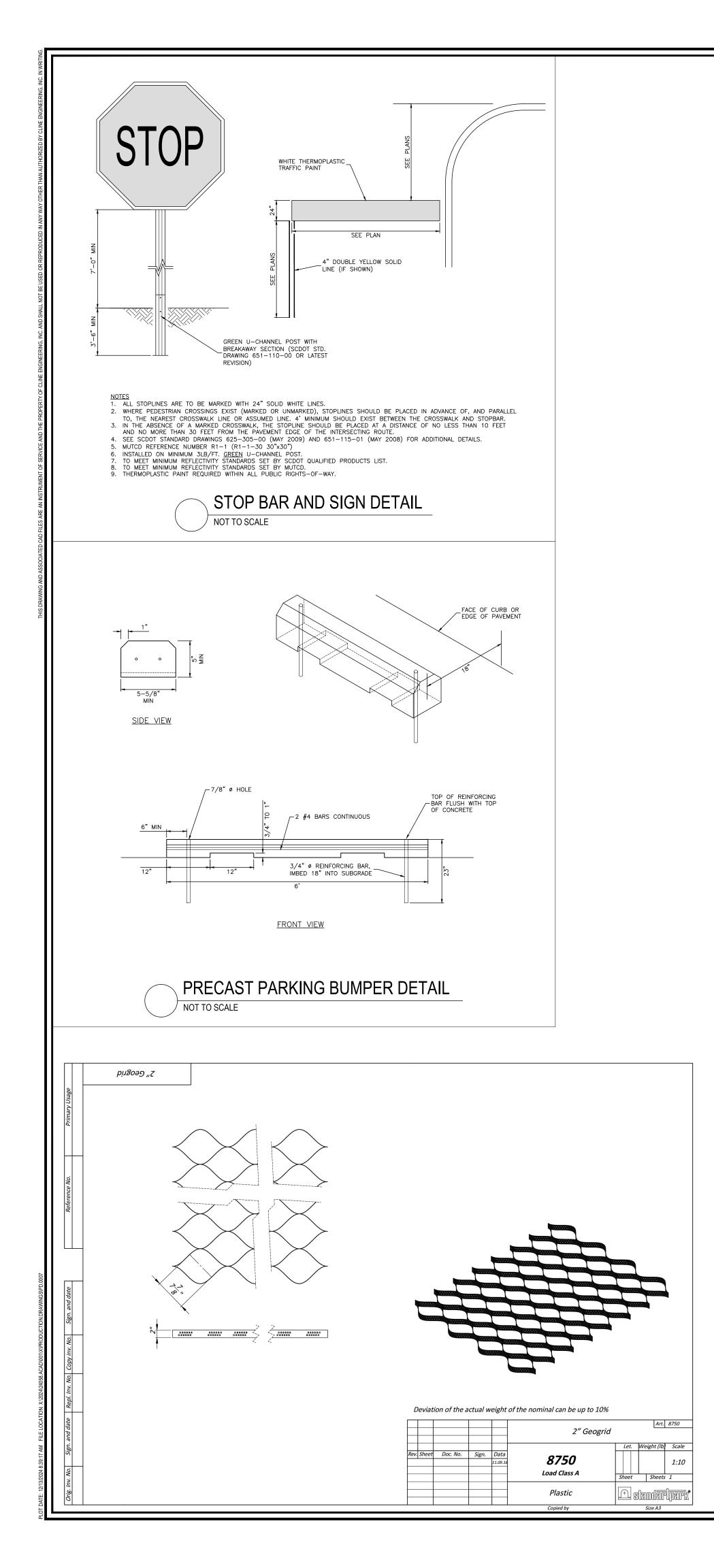
SITE CONDITION DATA PROVIDED TO CLINE ENGINEERING BY OTHERS. CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION.

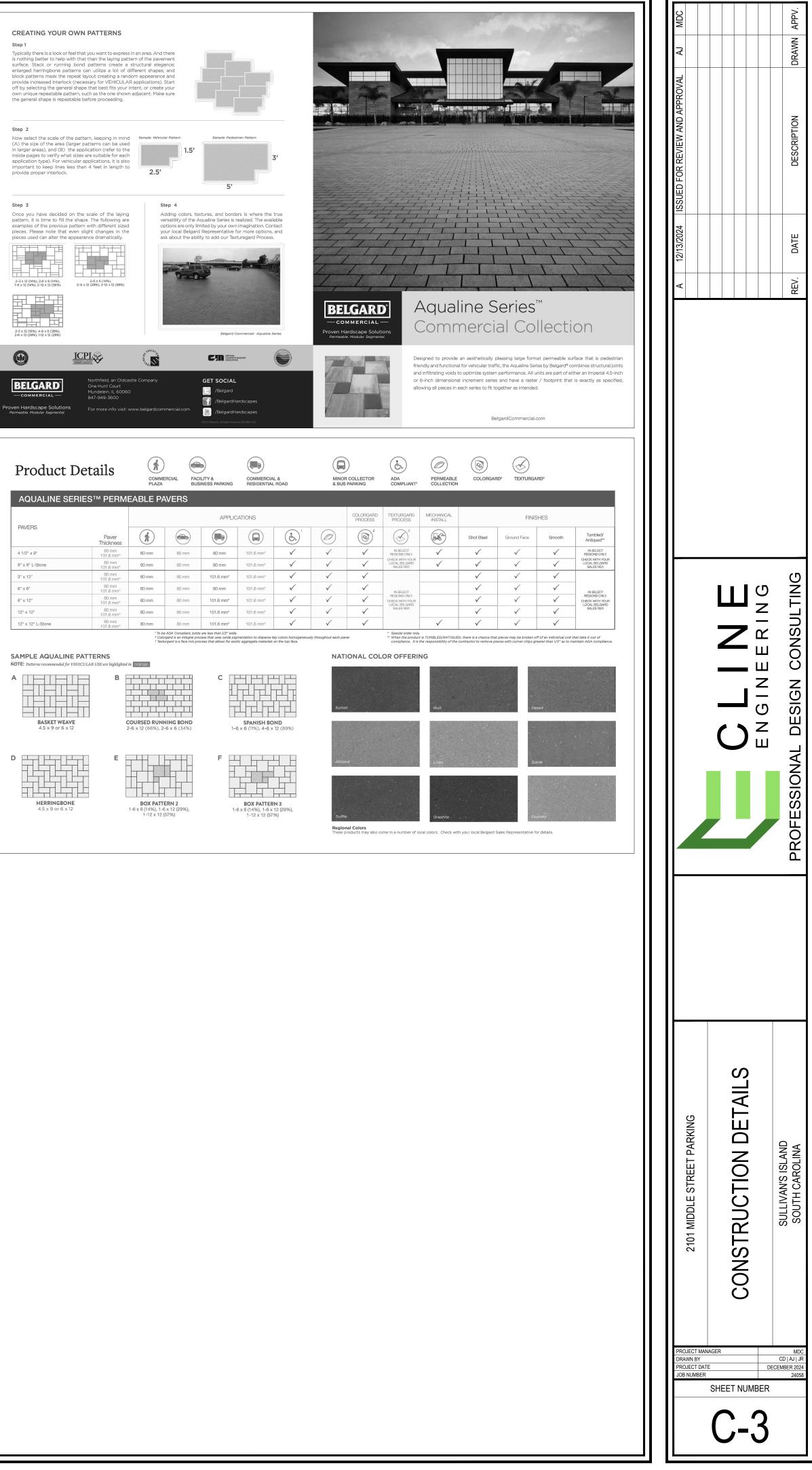
SITE CONDITIONS

SHEET NUMBER









PAVERS	Paver Thickness	
4 1/2" x 9"	80 mm 101.6 mm*	
9" x 9" L-Stone	80 mm 101.6 mm*	
3" x 12"	80 mm 101.6 mm*	
6" x 6"	80 mm 101.6 mm*	
6" x 12"	80 mm 101.6 mm*	
12" x 12"	80 mm 101.6 mm*	
12" x 12" L-Stone	80 mm 101.6 mm*	

SAMPLE AGUALINE PATTERNS NOTE: Patterns recommended for VEHICULAR USE are hig	ghlight	ed i
A BASKET WEAVE 4.5 x 9 or 6 x 12	В	C 2
D HERRINGBONE 4.5 x 9 or 6 x 12	Е	