ARC/BILLOW STREET DRAINAGE IMPROVEMENTS

PRC	DJECT SUMMARY				
CITY PROJECT NAME: ARC/BILLOV	V STREET DRAINAGE IMPROVEMENTS				
PROJECT ADDRESS: EDISTO BEAG	CH, SC				
PROJECT DESCRIPTION: THE TOWN OF EDISTO BEACH PLANS TO REPLACE THE EXISTING STORM DRAINAGE SYSTEM CROSSING MYRTLE STREET AND LEE STREET WITH A LARGER CAPACITY SYSTEM. THIS WILL BE DONE IN AN EFFORT TO IMPROVE DRAINAGE CONDITIONS IN THE AREA AND MITIGATE FLOODING THAT IS CURRENTLY BEING EXPERIENCED.					
TAX MAP PARCEL INFORMATION: TMS# 354-08-00-579, 354-12-00-209, 354-12-00-365	354-12-00-210, 354-12-00-115, 354-12-00-129,				
SITE ACREAGE: TOTAL ACRES: LIMITS OF CONSTRUCTION: SCDOT:	0.6 AC. 0.6 AC. 0.1 AC.				
PERMIT SUMMARY:	PERMIT #/FILE #:				
SCDOT ENCROACHMENT	200107570				



OWNER	
TOWN OF EDISTO BEACH	DAVIS
IRIS HILL	RYNE
2414 MURRAY ST.	1940 /
EDISTO BEACH, SC 29438	NORT
843-869-2505	843-5

TOWN OF EDISTO BEACH EDISTO ISLAND, SC

LOCATION MAP

PROJECT CONTACTS

ENGINEER	<u>SURVEYOR</u>
VIS & FLOYD, INC.	DAVIS & FLOYD, INC.
NE PHILLIPS, PE	MILTON MUCKENFUSS, PLS
0 ALGONQUIN RD. STE 300	1940 ALGONQUIN RD. STE 300
RTH CHARLESTON, SC 29405	NORTH CHARLESTON, SC 29405
3-554-8602	843-554-8602



VICINITY MAP

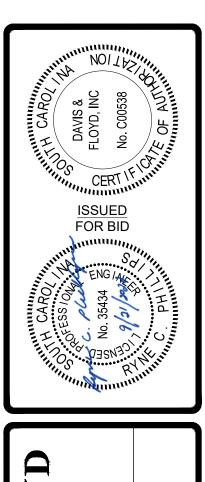
EXISTING UTILITY NOTE

EXISTING UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDIVIDUALLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY OCCUR DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES

ADA NOTES

1. ALL PUBLIC RIGHT-OF-WAYS AND ALL AMENITIES WILL BE ADA COMPLIANT.

PUBLIC RIGHT-OF-WAYS MUST REMAIN ADA COMPLIANT THROUGHOUT CONSTRUCTION OR AN ALTERNATIVE ROUTE MUST BE PROVIDED.



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SCALE: 1" = 500'

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UTILITY AND PERMITTING/OTHER CONTACTS							
	AGENCY/UTILITY	<u>CONTACT</u>	PHONE				
WATER UTILITY	TOWN OF EDISTO BEACH	PATRICK ZEMP	843-869-2505				
SEWER UTILITY	TOWN OF EDISTO BEACH	PATRICK ZEMP	843-869-2505				



Know what's below. Call before you dig.

	GENERAL CONSTRUCTION NOTE 1. ELEVATION DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). 2. HORIZONTAL DATUM: SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM OF 1983 BASED ON INTERNATIONAL FEET (SC83IF).	 CONTRACTOR SHALL FIELD VERIFY LOCATION EXPOSING POTENTIAL UTILITY CONFLICTS F WITHOUT DELAYING THE WORK. IF GRADE F DESIGN ENGINEER SHALL OBTAIN APPROVA CONSTRUCTION. ALL UTILITY CROSSINGS S
	3. THE CONTRACT DOCUMENTS FOR THIS PROJECT INCLUDE THE PLANS AND ASSOCIATED TECHNICAL SPECIFICATIONS. THE CONTRACTOR SHALL USE BOTH THE PLANS AND THE SPECIFICATIONS IN ORDER TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE OWNER'S REQUIREMENTS. IF THERE IS A CONFLICT BETWEEN DRAWINGS AND TECHNICAL SPECIFICATIONS, THE TECHNICAL SPECIFICATIONS SHALL GOVERN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO UNDERSTAND THE EXISTING CONDITIONS AND WORK ENVIRONMENT.	CONTRACTOR TO PREVENT GRADE OR ALIC
ŀ	4. CONTRACTOR SHALL PROCURE AND CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.	11. ANY UNKNOWN WELLS, TANKS, PIPES, STRU THE OWNER AND ENGINEER. IN THE EVENT
	 CONTRACTOR SHALL PROVIDE ALL BONDS AND INSURANCE REQUIRED BY PUBLIC AND/OR PRIVATE AGENCIES HAVING JURISDICTION THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE APPROVED 	12. ANY ABANDONED FUEL TANKS ENCOUNTER
	CONSTRUCTION PLANS AND SPECIFICATIONS INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET APPLICABLE AGENCY REQUIREMENTS AND PROVIDE A COMPLETED PROJECT.	13. UNLESS SPECIFICALLY IDENTIFIED HEREIN,
	 CONTRACTOR SHALL HOLD ALL PERMITS IN HAND PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL REQUEST TREE PROTECTION AND BMP INSPECTION FROM TOWN OF EDISTO BEACH PRIOR TO CONSTRUCTION 	BY OTHER AGENCIES (WATER, SEWER, GAS AND ALL WORK SHALL BE COORDINATED B' UTILITY RELOCATION SHALL BE INCLUDED I
	ACTIVITIES.	14. CONTRACTOR SHALL RELOCATE THE EXIST EXCLUDED FROM CONTRACTOR'S SOW IN A
	9. ALL EXISTING ROADS SHOWN ARE PAVED UNLESS OTHERWISE NOTED. 10. PROTECT AND/OR RESTORE ALL IMPROVEMENTS ON THE OWNER'S PROPERTY OR EASEMENT AND ALL ADJOINING PROPERTIES.	SHALL BE COORDINATED WITH OWNER. SO DOWNS SHALL BE KEPT TO A MINIMUM AND
	11. AREAS DISTURBED BY CONSTRUCTION SHALL BE GRASSED IN ACCORDANCE WITH GRASSING SCHEDULE ON SHEET C820.	15. CONTRACTOR TO COORDINATE WITH AND C POLES, RESET ANY GUY WIRES, LIGHT POLI
	12. COMPLY WITH THE GUIDELINES OF THE SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT'S "SOUTH CAROLINA STORM WATER MANAGEMENT AND SEDIMENT CONTROL HANDBOOK FOR LAND DISTURBANCE ACTIVITIES" DURING THE ENTIRE CONSTRUCTION PERIOD. SEDIMENT AND EROSION CONTROL PRACTICES SHALL INCLUDE, BUT NOT BE LIMITED TO, SILT FENCE, BERMS, INLET PROTECTION, ETC. AS NEEDED OR AS DIRECTED BY THE ENGINEER. REFER TO THE ENVIRONMENTAL PLAN SHEETS WHICH SHOULD ACCOMPANY THIS PLAN SET.	THE CONTRACTOR'S BID. GRADING, PAVING AND DRAINA 1. THE CONTRACTOR SHALL BE RESPONSIBLE PUBLIC STREETS AND RIGHTS-OF-WAY ARE ADEQUATE WATERING OF THE SITE, STREE
	13. CLEAR AND GRUB WITHIN WORK LIMITS FOR ALL SURFACE VEGETATION, TREES, STUMPS, BRUSH, ROOTS, ETC. DO NOT DAMAGE OR REMOVE TREES EXCEPT AS APPROVED BY THE ENGINEER OR AS SHOWN ON THE DRAWINGS.	2. GRADING WORK, MATERIALS AND EQUIPME REQUIREMENTS OF THE SCDOT STANDARD
	 DISPOSAL OF EXCESS EXCAVATED MATERIALS OFF-SITE AND HAULING OF FILL MATERIALS REQUIRED FOR CONSTRUCTION SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, COMPLIANCE WITH OSHA REQUIREMENTS, 	3. STRIP WORK LIMITS, REMOVING ALL ORGAN AND DEBRIS ASSOCIATED WITH CLEARING, CONTRACTOR. ANY TREES MARKED OR SUS
	LOCAL POLICIES AND PROCEDURES, SCOPE OF WORK (SOW), TOWN OF EDISTO BEACH ROAD CODE AND ALL NECESSARY PERMITS. 16. THE CONTRACTOR SHALL DESIGNATE ONE SET OF DRAWINGS FOR "AS-BUILT DRAWINGS." THE CONTRACTOR SHALL INDICATE ON	TOWN OF EDISTO BEACH PRIOR TO REMOV 4. UNLESS OTHERWISE SHOWN ON THE DRAW
	THESE DRAWINGS ALL FIELD CHANGES AFFECTING THE DESIGN AS WELL AS LOCATIONS AS ACTUALLY INSTALLED. THE "AS-BUILT DRAWINGS" SHALL BE KEPT CURRENT BY THE CONTRACTOR. THE "AS-BUILT DRAWINGS" SHALL BE DELIVERED TO THE OWNER UPON COMPLETION AND ACCEPTANCE OF THE WORK. FINAL PAYMENT FOR THE WORK WILL NOT BE MADE UNTIL THE "AS-BUILT DRAWINGS" HAVE BEEN COMPLETED AND DELIVERED AS INDICATED ABOVE.	5. RESTORE ALL AREAS DISTURBED BY CONS
ŀ	17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LINES, GRADES, AND STAKING FOR THE PROJECT.	 ALL FILL MATERIALS SHALL BE COMPACTED DOCUMENTING THAT THE REQUIREMENTS I AND EACH FILL OR BACKFILL LAYER. PROCE
	18. THE CONTRACTOR SHALL ADVISE THE ENGINEER IF EXISTING GRADES THAT ARE TO REMAIN ARE IN CONFLICT WITH PROPOSED WORK, CAUSING LIMITATIONS IN DRAINAGE PERFORMANCE OR SIGNIFICANT CHANGES IN CONSTRUCTION LIMITS DEFINED WITH CUT OR FILL LIMITS: SPECIFICALLY THAT WHICH RESULTS IN ANY CONSTRUCTION TAKING PLACE OUTSIDE OF PROPOSED CONSTRUCTION LIMITS.	
	19. THE CONTRACTOR SHALL NOTIFY THE TOWN OF EDISTO BEACH PRIOR TO CONSTRUCTION FOR REQUIRED INSPECTIONS AND SCHEDULES.	 CONTRACTOR SHALL FURNISH, INSTALL, MO SUPPORTING EXCAVATION SIDEWALLS, OF PREVENT SURFACE WATER FROM ENTERIN AND PROTECTION SYSTEMS WITHOUT DAM
	20. CONTRACTOR SHALL COMPLY WITH THE CONTRACTOR SCOPE OF WORK (SOW), LATEST VERSION, FOR ADDITIONAL PROCEDURES INCLUDING BUT NOT LIMITED TO CLEANING AND PASS STATIONS, ITEMS TO BE RECYCLED FOLLOWING RECYCLING AND ENVIRONMENTAL STANDARDS.	EXCAVATION. MONITOR VIBRATIONS, SETTL AND SITE IMPROVEMENTS WITH PHOTOGRA ABSENCE OF, THE INSTALLMENT OF, OR TH BEFORE WORK BEGINS.
	21. CONTRACTOR'S DEBRIS AND DUST PROTECTION PLAN SHALL BE APPROVED BY ENGINEER AND OWNER AND COMPLY WITH LOCAL REGULATIONS. DEBRIS CONTROL SHALL BE INCLUSIVE OF CONTAINERS WITH COVERS FOR ALL DEMOLITION MATERIALS AND SITE TRASH MONITORED AND MAINTAINED DAILY. CONSTRUCTION FENCING ADJACENT TO PUBLIC ROADWAYS SHALL HAVE CLOTH BACKING TO PREVENT DAMAGE AND RESTRICT THE MOVEMENT OF AIRBORNE DEBRIS. SWEEPING ROUTINELY DURING CONSTRUCTION ACTIVITIES SHALL ALSO BE PART OF THE DEBRIS AND DUST PROTECTION PLAN.	8. CONTRACTOR SHALL DESIGN, FURNISH, INS SCOPE, SIZE, AND CAPACITY TO CONTROL I WATER AND PERMIT EXCAVATION AND CON
<u> </u>	EXISTING UTILITIES AND FACILITIES 1. THE LOCATION AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE COMPILED FROM AVAILABLE RECORDS	9. CONTRACTOR SHALL CONTINUOUSLY MONI OF EXCAVATIONS AND CONSTRUCTED SLO PERMANENT STRUCTURES IS PREVENTED.
	AND/OR FIELD SURVEYS. THE ENGINEER, OWNER, OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. EXERCISE EXTREME CAUTION WHEN WORKING NEAR EXISTING UTILITY LINES.	10. CONTRACTOR SHALL ACCOMPLISH DEWATE ADJACENT TO EXCAVATION.
	 CONTRACTOR SHALL CALL PALMETTO UTILITY PROTECTION SERVICE (PUPS) AND ANY LOCAL UTILITY COMPANY NOT REPRESENTED BY PUPS A MINIMUM OF 72 HOURS PRIOR TO STARTING ANY PROPOSED WORK (811). KNOWN AREA UTILITY PROVIDERS INCLUDE THE TOWN OF EDISTO BEACH, AT&T, AND COMCAST. 	11. THE CONTRACTOR'S DEWATERING OPERAT REGULATIONS AND STANDARDS FOR WATE
	3. THE CONTRACTOR SHALL CONTACT ALL UTILITY PROVIDERS BEFORE EXCAVATION. THE DRAWINGS INDICATE APPROXIMATE LOCATIONS OF UTILITIES THAT MAY REQUIRE RELOCATION OR REMOVAL FOR THE NEW WORK. THE CONTRACTOR IS REQUIRED TO	STORMWATER SYSTEMS 1. ALL REINFORCED CONCRETE PIPE (RCP) SH C443 SPECIFICATIONS AND ALL JOINTS SHA
	HAND EXCAVATE AND CONFIRM THE CONFLICT BEFORE ARRANGING FOR RELOCATION OR REMOVAL BY THE RESPECTIVE UTILITY OWNER. IF THE CONTRACTOR REQUIRES AN INTERRUPTION TO ANY UTILITY SERVICE, THEY MUST NOTIFY THE OWNER IN WRITING AT LEAST 48 HOURS PRIOR TO THE DESIRED INTERRUPTION FOR COORDINATION AND SCHEDULING.	C 2. AS REQUIRED, GRAVITY STORM SEWER SHA REQUIREMENTS. THE GRADE OF THE GRAV INVERT ELEVATIONS SHOWN ON THE PROF
	4. ALL EXISTING FACILITIES SHALL BE MAINTAINED IN-PLACE BY THE CONTRACTOR UNLESS OTHERWISE SHOWN OR DIRECTED. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO SUPPORT, MAINTAIN, OR OTHERWISE PROTECT EXISTING UTILITIES AND OTHER FACILITIES NOT INDICATED TO BE REMOVED AT ALL TIMES DURING CONSTRUCTION. ALL EXISTING STRUCTURES, INCLUDING BUT NOT LIMITED TO SIGNS AND DRIVES DISTURBED DURING CONSTRUCTION THAT ARE NOT SHOWN TO BE	3. CONTRACTOR SHALL BE RESPONSIBLE FOR DURING CONSTRUCTION WORK.
	PERMANENTLY DEMOLISHED, SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER. 5. CONTRACTOR SHALL REMOVE AND REPLACE ALL EXISTING SURFACE FEATURES (UNLESS INDICATED TO BE PERMANENTLY	UTILITY AS-BUILT NOTE 1. THE CONTRACTOR SHALL PROVIDE THE EN DEALED DY A OUDVEYOR LOSINGED IN THE
	DEMOLISHED) NECESSARY FOR INSTALLATION/REMOVAL OF ALL UNDERGROUND AND ABOVE GROUND WORK AS INDICATED ON THESE PLANS AND IN THE SOW. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, FENCES, CURB & GUTTER, LANDSCAPING, SIDEWALKS AND PAVEMENT. COSTS FOR REMOVAL AND REPLACEMENT SHALL BE INCLUDED IN THE BID.	SEALED BY A SURVEYOR LICENSED IN THE INCLUDE ALL UTILITY LINES, BOTH EXISTING FITTINGS, PIPES, DUCT BANKS, MANHOLES, DETERMINE EXACT ELEVATIONS AND LOCA APPURTENANCES DESCRIBED ABOVE IN A
	6. DAMAGE TO ASPHALT PAVEMENT, BEYOND THE DEFINED LIMITS OF ASPHALT OVERLAY OR ASPHALT REMOVAL, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. DAMAGED ASPHALT PAVEMENT SHALL BE SAW-CUT, REMOVED, AND REPLACED IN ACCORDANCE WITH THE CONSTRUCTION DETAILS AND STANDARD SPECIFICATIONS. IN ADDITION, THE PAVEMENT PATCH SHALL BE OVERLAID W/ A MINIMUM OF 2" OF TYPE B ASPHALT TO THE SATISFACTION OF THE ENGINEER.	CONSTRUCTION PHASES. SCDHEC/OCRM STANDARD NOT 1. IF NECESSARY, SLOPES WHICH EXCEED EIC
	7. ALL PAVEMENT DAMAGED DURING CONSTRUCTION THAT IS NOT INDICATED TO BE PERMANENTLY DEMOLISHED SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER.	
	 THE CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING PROPERTY AND STREET MONUMENTS PRIOR TO CONSTRUCTION. ANY MONUMENTS DISTURBED DURING CONSTRUCTION OF THE PROJECT SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE. 	2. STABILIZATION MEASURES SHALL BE INITIA ACTIVITIES HAVE TEMPORARILY OR PERMA CEASED, EXCEPT AS STATED BELOW.
4		

CATION AND DEPTH OF ALL EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR CTS FAR ENOUGH AHEAD OF CONSTRUCTION TO MAKE NECESSARY GRADE MODIFICATIONS ADE MODIFICATION IS NECESSARY, CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER. THE ROVAL FROM THE OWNER AND UTILITY COMPANY HAVING JURISDICTION PRIOR TO GS SHALL BE POTHOLED AS NECESSARY PRIOR TO EXCAVATING OR BORING TO ALLOW THE ALIGNMENT CONFLICTS.

RING CONSTRUCTION SHALL BE PUMPED OUT. CONTRACTOR SHALL BREAK BOTTOM OF TANK JNLESS OTHERWISE REQUIRED BY PUBLIC AGENCIES HAVING JURISDICTION. SEPTIC TANK CITY, COUNTY AND STATE REQUIREMENTS.

STRUCTURES ETC., ENCOUNTERED SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF /ENT CONTAMINATED OR HAZARDOUS MATERIAL IS ENCOUNTERED, THE CONTRACTOR SHALL AND SCDHEC.

ITERED SHALL BE REMOVED AND DISPOSED OF PER SCDHEC REQUIREMENTS. BACKFILL WITH

EIN, RELOCATION, REMOVAL, OR ABANDONMENT OF EXISTING UTILITIES OWNED/MAINTAINED GAS, POWER, COMMUNICATIONS, ETC.) SHALL BE PERFORMED BY RESPECTIVE UTILITY OWNER ED BY THE CONTRACTOR. COST FOR COORDINATION AND OTHER EXPENSES ASSOCIATED WITH DED IN THE BID.

XISTING WATER, GRAVITY SEWER, AND ALL OTHER APPLICABLE INFRASTRUCTURE NOT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. SHUT DOWNS AND TRANSFERS SOME UTILITY SHUT DOWNS MAY BE REQUIRED AFTER NORMAL BUSINESS HOURS. SHUT AND OWNERS AND UTILITY PROVIDERS SHALL HAVE AT LEAST 48 HOURS NOTICE.

ND COMPENSATE APPROPRIATE ENTITY/UTILITY OWNER TO HOLD AND MAINTAIN ALL POWER. POLES, AND TELEPHONE POLES. COST ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN

SIBLE FOR MANAGING CONSTRUCTION ACTIVITIES AROUND THE CLOCK TO ENSURE THAT ARE KEPT CLEAN OF MUD, DUST, OR DEBRIS. DUST ABATEMENT SHALL BE MAINTAINED BY REET SWEEPING, AND PROPER BMPS PLACED BY THE CONTRACTOR.

PMENT, UNLESS SPECIFICALLY STATED OTHERWISE HEREIN, SHALL BE IN ACCORDANCE WITH ARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.

RGANIC MATTER WHICH CAN NOT BE COMPACTED INTO A STABLE MASS. ALL TREES, BRUSH ING, STRIPPING, OR GRADING SHALL BE REMOVED AND DISPOSED OF OFF-SITE BY THE SUSPECTED OF BEING PROTECTED SHALL BE COORDINATED THROUGH THE ENGINEER AND MOVAL.

RAWINGS, NO FILL SLOPES SHALL BE CONSTRUCTED STEEPER THAN 2H:1V.

DNSTRUCTION TO GRADES THAT RESULT IN POSITIVE DRAINAGE TO THE EXISTING INLETS,

TED IN LIFTS TO THE DESIRED COMPACTION RATES WITH FIELD DENSITY TEST REPORTS ITS HAVE BEEN ACHIEVED. ALLOW INSPECTING AGENCY TO INSPECT AND TEST SUBGRADES ROCEED WITH SUBSEQUENT EARTH MOVING ONLY AFTER TESTING RESULTS FOR PREVIOUSLY UIREMENTS. WHEN TESTING AGENCY REPORTS THAT SUBGRADES, FILLS, OR BACKFILLS HAVE ON SPECIFIED. SCARIFY. MOISTEN. AND AERATE OR REMOVE AND REPLACE SOIL MATERIALS TO ETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.

., MONITOR, AND MAINTAIN EXCAVATION SUPPORT & PROTECTION SYSTEMS CAPABLE OF OF RESISTING SOIL, HYDROSTATIC PRESSURE, SUPERIMPOSED, AND CONSTRUCTION LOADS. RING EXCAVATIONS BY GRADING, DIKES, OR OTHER MEANS. INSTALL EXCAVATION SUPPORT DAMAGING EXISTING BUILDINGS, STRUCTURES, AND SITE IMPROVEMENTS ADJACENT TO ETTLEMENTS, AND MOVEMENTS. SHOW EXISTING CONDITIONS OF ADJACENT CONSTRUCTION GRAPHS AND/OR VIDEOS THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY THE R THE PERFORMANCE OF EXCAVATION SUPPORT AND PROTECTION SYSTEMS AND SUBMIT

, INSTALL, TEST, OPERATE, MONITOR, AND MAINTAIN A DEWATERING SYSTEM OF SUFFICIENT OL HYDROSTATIC PRESSURES AND TO LOWER, CONTROL, REMOVE, AND DISPOSE OF GROUND CONSTRUCTION TO PROCEED ON DRY, STABLE SUBGRADES.

MONITOR AND MAINTAIN DEWATERING OPERATIONS TO ENSURE EROSION CONTROL, STABILITY SLOPES, THAT EXCAVATION DOES NOT FLOOD, AND THAT DAMAGE TO SUBGRADES AND

VATERING WITHOUT DAMAGING EXISTING BUILDINGS, STRUCTURES, AND SITE IMPROVEMENTS

ERATION SHALL BE IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL ATER QUALITY AND QUANTITY.

P) SHALL MEET ASTM C76 SPECIFICATIONS. ALL JOINTS SHALL HAVE GASKETS MEETING ASTM SHALL BE WRAPPED WITH FILTER FABRIC, MINIMUM 18" IN WIDTH, UNLESS NOTED OTHERWISE.

SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL MS4 SPECIFICATIONS AND RAVITY STORM SEWER SHALL BE MAINTAINED AT A CONSTANT SLOPE BETWEEN THE GIVEN ROFILE AS APPLICABLE.

FOR MAINTAINING PROPER DRAINAGE OF EXISTING STORM SEWER LINES AND CHANNELS

THE STATE OF SOUTH CAROLINA (TIED TO THE STATE PLANE COORDINATE SYSTEM), TO TING AND NEWLY INSTALLED. SURVEY SHALL ALSO INCLUDE THE PIPE SIZE, MATERIAL, BENDS, LES, AND BORES. THE SURVEY SHALL BE COMPLETED AS THE UTILITY IS CONSTRUCTED TO OCATIONS. THE SURVEY SHALL CONTAIN VERIFIED COORDINATE DATA OF ALL N A CLEAR FORMAT SO THE UTILITY INFORMATION CAN EASILY BE FOUND DURING FUTURE

OTES

DEIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS IN BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY PE IS BROUGHT TO GRADE.

NITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION RMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS 3. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.

- 4. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- 5. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR PROJECT CLOSEOUT NOTE OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST . UPON COMPLETION OF CONSTRUCTION FOR THIS PHASE OF DEVELOPMENT (UTILITIES CONTAINED HEREIN), THE CONTRACTOR SHALL ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION. PROVIDE THE TOWN OF EDISTO BEACH WITH A PROJECT CLOSEOUT APPLICATION FORM AND AS-BUILT AND VIDEO OF THE DRAINAGE SYSTEM, IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF EDISTO BEACH STORMWATER DESIGN MANUAL (NOTE: VIDEOING OF THE SYSTEM IS ONLY REQUIRED FOR PIPES THAT ARE IN THE CITY'S RIGHT-OF-WAY OR EASEMENTS). THE OWNER CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE SHALL PROVIDE A CERTIFICATION ON THE PROJECT CLOSEOUT APPLICATION FORM. THE CONTRACTOR SHALL PROVIDE ALL AS-BUILT UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS VALUE CARDS AND TESTING TO CLOSE-OUT UTILITY PERMITS AS APPLICABLE.
- 6. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
- THE CONTRACTOR SHALL PROVIDE THE TOWN OF EDISTO BEACH WITH AN AS-BUILT SURVEY OF THE SITE (TIED TO THE STATE PLANE 7. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION COORDINATE SYSTEM), TO INCLUDE ALL STORM DRAINAGE LINES, BOTH EXISTING AND NEWLY INSTALLED. SURVEY SHALL ALSO OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE INCLUDE THE PIPE SIZE, MATERIAL, SPOT ELEVATIONS, AND INVERT ELEVATIONS AS REQUIRED BY THE TOWN OF EDISTO BEACH REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL STORMWATER DESIGN MANUAL AND NPDES PERMIT. DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- 8. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- 9. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT 2. REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY SCDOT OR THE ENGINEER. AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C REG. 72-300 ET SEQ. AND SCR100000.
- 10. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS CLOSURE. STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE 4. ANY WORK REQUIRING A TRAFFIC DISRUPTION OR LANE CLOSURE, WILL REQUIRE A PERMIT FORM THE TOWN OF EDISTO BEACH. SEE CONTACT INFORMATION ON SHEET C000. PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- 11. INSPECTIONS RECORDS MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
- 12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE 2. ENSURE ALL NECESSARY WORK ZONE SIGNS ARE IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERNS. PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
- MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- 14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
- 15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).
- 16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED: WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL; WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
 - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
- 17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE
- 18. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS. IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.

SEQUENCE OF CONSTRUCTION (EROSION CONTROL)

PRE-CONSTRUCTION SEQUENCE:

- 1. PRE-CONSTRUCTION MEETING SHALL BE HELD ON-SITE. INVITED SHALL BE THE OWNER, ENGINEER, CONTRACTOR, AND ANY SUB-CONTRACTORS.
- 2. NOTIFY SCDHEC EQC REGIONAL OFFICE OR OCRM, SCDOT, AND THE TOWN OF EDISTO BEACH PUBLIC WORKS 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES. SEE PREVIOUS NOTES FOR PRIOR NOTIFICATION REQUIREMENTS FOR APPLICABLE UTILI PROVIDERS. CONTACT INFORMATION FOR KNOWN UTILITY PROVIDERS IS PROVIDED ON SHEET C000.
- 3. INSTALL BMPS AS SHOWN ON THESE PLANS.
- 4. CONTACT TOWN OF EDISTO BEACH PLANNING FOR TREE PROTECTION INSPECTIONS AND EROSION CONTROL MEASURES AT 843-869-2505.
- 5. TOWN OF EDISTO BEACH INSPECTIONS OF THE SEDIMENT CONTROLS AND TREE PROTECTION.

CONSTRUCTION SEQUENCE:

- 1. MAINTAIN CONSTRUCTION ENTRANCES AND PERIMETER CONTROLS AS NECESSARY TO ASSURE THEY ARE IN FUNCTIONAL CONDITION.
- 2. CLEAR AND GRUB THE SITE.
- 3. COMPLETE DEMOLITION ITEMS AS REQUIRED.
- 4. INSTALL STORM DRAINS AND ALL UNDERGROUND STRUCTURES OR ITEMS. INLET PROTECTION SHALL BE PLACED ON EACH INLET / IT IS INSTALLED.
- 5. FINE GRADING AND PAVING, ETC.
- E ENGINEER & OWNER WITH AN AS-BUILT SURVEY (IN AN AUTOCAD DRAWING FILE), SIGNED AND 6. IN DISTURBED AREAS WHERE CONSTRUCTION ACTIVITY STOPS FOR 14 DAYS OR MORE, TEMPORARY SEEDING SHALL BE APPLIED PREVENT EROSION OF EXPOSED SOILS.
 - POST-CONSTRUCTION SEQUENCE 1. MAINTAIN PERIMETER SILT FENCE EROSION CONTROLS AND INLET PROTECTIONS.
 - 2. ESTABLISH FINAL STABILIZATION FOR ALL DISTURBED AREAS. PERMANENTLY SEED ALL UNPAVED DISTURBED AREAS.
 - 3. MAINTAIN SEDIMENT AND EROSION CONTROL MEASURES UNTIL THE SITE IS PERMANENTLY STABILIZED AND THE CONTROLS ARE REMOVED.
 - 4. CONTACT THE TOWN OF EDISTO BEACH PUBLIC WORKS FOR FINAL INSPECTION AND CLOSE-OUT APPLICATION TO BE SUBMITTED FO **REVIEW AND APPROVAL.**
 - 5. PERFORM AS-BUILT SURVEYS OF ALL STORM STRUCTURES AND SUBMIT TO DHEC, TOWN OF EDISTO BEACH MS4, AND ENGINEER F ACCEPTANCE.

6.	REMOVE TEMPORARY SEDIMENT & EROSION CONTROL MEASURES AFTER ENTIRE AREA DRAINING TO THE STRUCTURE HAS REACHED
	FINAL PERMANENT STABILIZATION. THE CONTRACTOR SHALL HAVE THE ENGINEER APPROVE THE REMOVAL OF TEMPORARY
	STRUCTURES.
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7. SUBMIT NOTICE OF TERMINATION (NOT) TO DHEC FOR APPROVAL.

STORM DRAINAGE AS-BUILT NOTE

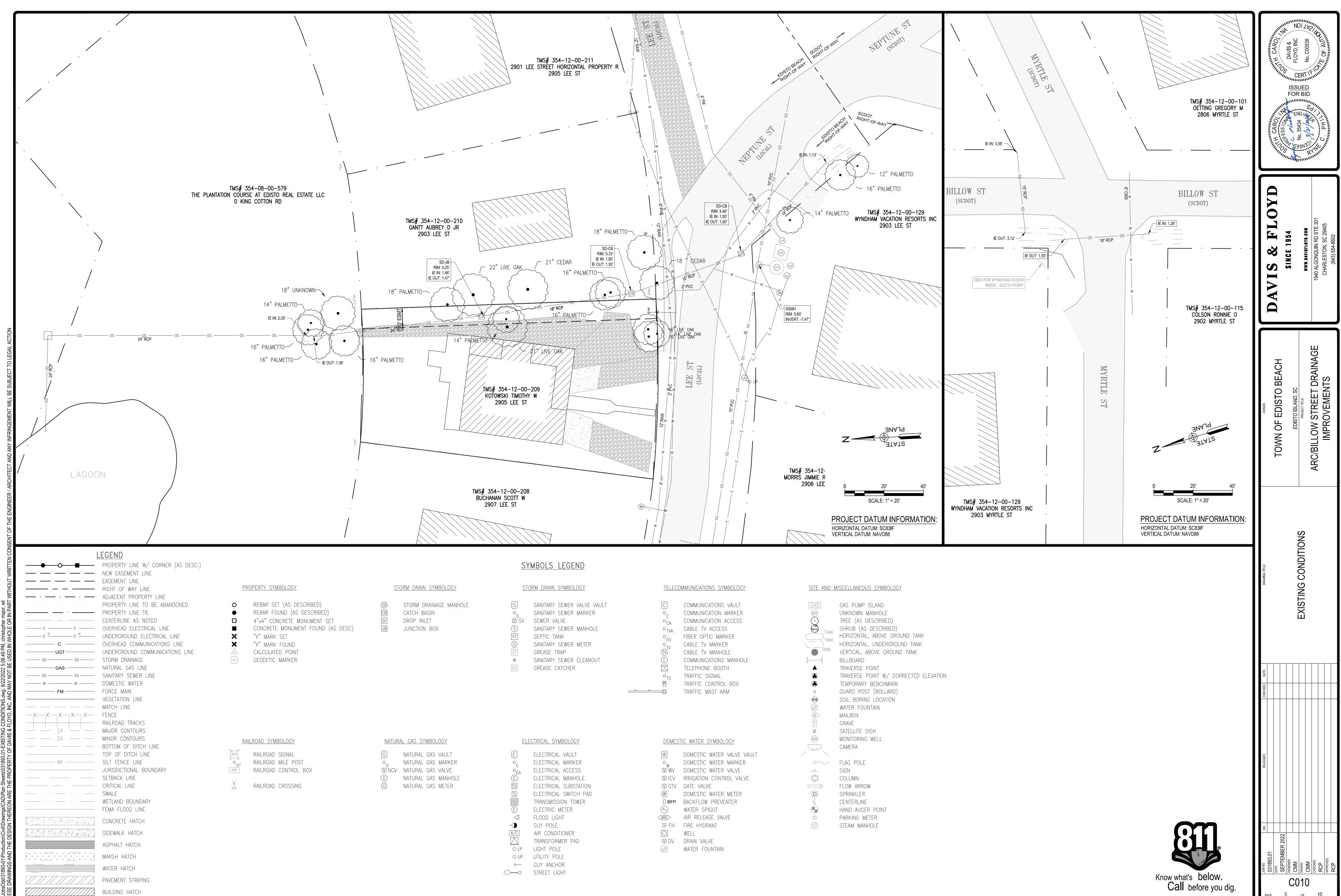
ROAD CLOSURE REQUIREMENTS

- 1. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, IN WRITING, AT LEAST 72 HOURS PRIOR TO ANY WORK ZONE ROAD CLOSURES, DETOURS, ETC., SO THAT THE PROJECT STAKEHOLDERS CAN BE MADE AWARE OF THE NEW TRAFFIC PATTERNS.
- 3. ANY WORK REQUIRING A SHOULDER CLOSURE IS TO BE DONE USING SCDOT STANDARD DRAWING 610-205-00 FOR SHOULDER

WORK ZONE SIGNAGE

- 1. INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN FORTY (40) FEET FROM THE EDGE OF THE TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO BEGINNING OF CONSTRUCTION.
- 3. ROAD CONSTRUCTION SIGNING SHALL BE PLACED ACCORDING TO SCDOT STANDARD DRAWING 605-010-02.
- 4. ALL TRAFFIC CONTROL SIGNING AND CONSTRUCTION SIGNING SHALL BE APPROVED BY SCDOT COLLETON COUNTY RESIDENT CONSTRUCTION ENGINEER BEFORE WORK STARTS IN THE RIGHT-OF-WAY.

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