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GENERAL NOTES:

- 1. ALL CONTRACTORS/SUBCONTRACTORS/PERSONS THAT WILL BE ENGAGED IN LAND DISTURBING ACTIVITIES SHALL COMPLY WITH ALL EROSION CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SPECIFICATIONS AND PERMITS.
- 2. TOPOGRAPHIC AND BOUNDARY INFORMATION WAS PROVIDED BY: LINDLER SURVEYING, INC. 1990 BOYKIN ROAD REMBERT, SC 29128 PHONE: (803) 499-7711
- 3. CONTRACTOR TO COORDINATE WITH LINDLER SURVEYING, INC. FOR AN ACCURATE BENCHMARK FOR THE SITE PRIOR TO THE START OF CONSTRUCTION.
- 4. CONTRACTOR TO MAINTAIN ACCESS TO ALL DRIVEWAYS AND ROADWAYS DURING CONSTRUCTION.
- 5. THE EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY WORK. IF UTILITIES OTHER THAN THOSE SHOWN HEREON ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND TAKE APPROPRIATE MEASURES TO PROTECT THE LINE(S) AND ENSURE CONTINUED SERVICE. DAMAGE CAUSED TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL VERIFY THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- 6. OFF-SITE BORROW NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR FROM SOURCES DEVELOPED BY THE CONTRACTOR. EXCESS DIRT SHALL BE HAULED OFF-SITE AT THE CONTRACTOR'S EXPENSE.
- 7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO BEGINNING ANY REMOVAL OPERATION.
- 8. CONTRACTOR SHALL GRADE ALL AREAS TO DRAIN FOR POSITIVE FLOW AWAY FROM THE BUILDING PRIOR TO FINAL APPROVAL.
- 9. THE DESIGN ADEQUACY AND SAFETY OF ALL BRACING, SHORING AND TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE SERVICES OF A QUALIFIED GEOTECHNICAL ENGINEER WHO SHALL PERFORM INVESTIGATIONS TO VERIFY THAT ALL WORK IS ACCOMPLISHED IN ACCORDANCE WITH THE SPECIFICATIONS. THE GEOTECHNICAL REPORTS NEED TO BE PROVIDED TO THE OWNER AS PERFORMED IN PDF FORMAT (DIGITALLY).
- 11. ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF KERSHAW COUNTY AND SCDHEC.
- 12. IN PERFORMING CONSTRUCTION OBSERVATION VISITS TO THE JOBSITE, THE ENGINEER SHALL HAVE NO CONTROL OVER NOR RESPONSIBILITY FOR THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK.
- 13. THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR, WHO IS ALSO RESPONSIBLE FOR COMPLYING WITH ALL HEALTH AND SAFETY PRECAUTIONS AS REQUIRED BY ANY REGULATORY AGENCY.
- 14. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR DESIGN, ADEQUACY AND IMPLEMENTATION OF ALL DEWATERING. DISCHARGES FROM DEWATERING DEVICES SHALL BE EQUIPPED SO AS TO PREVENT EROSION AND/OR DEPOSITION OF SEDIMENT BEYOND CONSTRUCTION LIMITS.
- 15. TOTAL LAND DISTURBANCE IS 1.8 ACRES. SEE EROSION CONTROL PLAN SHEET FOR LIMITS OF CONSTRUCTION.
- 16. CONTRACTOR TO PROVIDE AN AS-BUILT OF STORM DRAINAGE, DETENTION POND, PARKING LOT, WATER LINE, SEWER SERVICE LINE, ETC. IN AN AUTOCAD DIGITAL FORMAT IN SAME COORDINATE SYSTEM AS THE ORIGINAL CONSTRUCTION DOCUMENTS AND ACCEPTABLE TO THE ENGINEER.
- 17. CONTRACTOR TO HAUL IN/OUT THE NECESSARY DIRT AT THE CONTRACTOR'S EXPENSE TO COMPLETE THE PROJECT PER THE PLANS AND SPECIFICATIONS.
- 18. OWNER TO PROVIDE ALL REQUIRED SCDHEC INSPECTIONS BY A THIRD PARTY.
- 19. ALL DISTURBED AREAS TO BE GRASSED/LANDSCAPED PER PLANS AND SPECIFICATIONS.

NOTES FOR SEWER SYSTEM:

- 1. SEWER SYSTEM INSTALLATION SHALL BE IN ACCORDANCE WITH THE "TEN STATES STANDARDS", S.C.D.H.E.C. GUIDELINES, AND KERSHAW COUNTY UTILITIES SYSTEM REQUIREMENTS.
- 2. MINIMUM SEPARATION DISTANCES BETWEEN WATER AND SEWER LINES: A. WATER OVER SANITARY SEWER - 18" VERTICAL OR 10" HORIZONTAL. B. STORM SEWER - 12" VERTICAL.
- 3. D.I.P. WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS MAY BE SUBSTITUTED WHERE SEPARATION DISTANCES BETWEEN THE SANITARY SEWER AND STORM SEWERS OR WATER LINES CANNOT BE MAINTAINED. PIPE MUST BE LAID SUCH THAT FULL SECTIONS OF PIPE ARE CENTERED ON THE CROSSING AND EXTEND A DISTANCE OF 10' ON EACH SIDE OF THE POINT OF CROSSING.
- 4. CONTRACTOR TO MAINTAIN 10' MINIMUM SEPARATION BETWEEN SANITARY SEWER SERVICES AND WATER SERVICES.
- 5. THE CONTRACTOR SHALL NOTIFY THE KERSHAW COUNTY AS TO THE DATE AND TIME OF ALL REQUIRED INSPECTIONS AND TESTING. NOTIFICATION SHALL BE AT LEAST 48 HOURS IN ADVANCE.
- 6. ROUGH GRADING SHALL BE DONE PRIOR TO INSTALLATION OF SEWER LINES.
- 7. CONTRACTOR SHALL MAINTAIN 36" OF COVER OVER TOP OF PIPE WHEN USING PVC PIPE.
- 8. THE FOLLOWING APPROVAL PROCEDURES SHALL BE FOLLOWED UPON COMPLETION OF CONSTRUCTION: A. A PRESSURE TEST SHALL BE SCHEDULED AND CONDUCTED BY THE CONTRACTOR, USING HIS EQUIPMENT, AND WILL BE WITNESSED BY THE KERSHAW COUNTY UTILITIES REPRESENTATIVES. TESTING WILL BE CONDUCTED IN ACCORDANCE WITH KERSHAW COUNTY UTILITIES REGULATIONS. B. THE CONTRACTOR SHALL SUPPLY A COMPLETE SEWER SYSTEM AS-BUILT SURVEY AND FIELD NOTES IN AUTOCAD DIGITAL FORMAT IN THE SAME COORDINATE SYSTEM AS THE ORIGINAL DRAWINGS.
- 9. THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PROTECT THE SEWER SYSTEM DURING THE TIME BETWEEN THE PRELIMINARY INSPECTION AND THE END OF THE WARRANTY PERIOD.
- 10. CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF SEWER LINE EXITING THE BUILDING.

NOTES FOR WATER SYSTEM:

- 1. WATER SYSTEM INSTALLATION SHALL BE IN ACCORDANCE WITH THE "TEN STATES STANDARDS", S.C.D.H.E.C. GUIDELINES, AND LUGOFF-ELGIN WATER AUTHORITY WATER SYSTEM REQUIREMENTS.
- 2. MINIMUM SEPARATION DISTANCES BETWEEN WATER AND SEWER LINES: A. WATER OVER SANITARY SEWER - 18" VERTICAL OR 10" HORIZONTAL. B. STORM SEWER - 12" VERTICAL.
- 3. D.I.P. WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS MAY BE SUBSTITUTED WHERE SEPARATION DISTANCES BETWEEN THE SANITARY SEWER AND STORM SEWERS OR WATER LINES CANNOT BE MAINTAINED. PIPE MUST BE LAID SUCH THAT FULL SECTIONS OF PIPE ARE CENTERED ON THE CROSSING AND EXTEND A DISTANCE OF 10' ON EACH SIDE OF THE POINT OF CROSSING.
- 4. CONTRACTOR TO MAINTAIN 10' MINIMUM SEPARATION BETWEEN SANITARY SEWER SERVICES AND WATER SERVICES.
- 5. THE CONTRACTOR SHALL NOTIFY ELGIN WATER AUTHORITY AND THE ENGINEER AS TO THE DATE AND TIME OF ALL REQUIRED INSPECTIONS AND TESTING. NOTIFICATION SHALL BE AT LEAST 48 HOURS IN ADVANCE.
- 6. ROUGH GRADING SHALL BE DONE PRIOR TO INSTALLATION OF WATER MAINS.
- 7. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" OF COVER OVER THE TOP OF THE PIPE.
- 8. USE 45° BENDS WHEN GOING OVER OR UNDER OTHER UTILITIES AND DO NOT INSTALL VALVES, HYDRANTS, OR SERVICES ON DEEP PIPE SECTIONS.
- 9. FOR CHANGES IN DIRECTION OF LESS THAN 11 3/4", WATERLINES SHALL BE DEFLECTED USING LIEBIG BENDS. DEFLECTIONS SHALL NOT EXCEED 75% OF MANUFACTURER'S SPECIFICATIONS.
- 10. THE FOLLOWING APPROVAL PROCEDURES SHALL BE FOLLOWED UPON COMPLETION OF CONSTRUCTION: A. A PRESSURE TEST SHALL BE SCHEDULED AND CONDUCTED BY THE CONTRACTOR, USING HIS EQUIPMENT, AND WILL BE WITNESSED BY THE LUGOFF-ELGIN WATER AUTHORITY AND THE ENGINEER'S REPRESENTATIVES. TESTING WILL BE CONDUCTED IN ACCORDANCE WITH LUGOFF-ELGIN WATER AUTHORITY AND S.C.D.H.E.C.'S REGULATIONS. B. AFTER A SUCCESSFUL PRESSURE TEST, THE WATER LINE SHALL BE DISINFECTED IN ACCORDANCE WITH LUGOFF-ELGIN WATER AUTHORITY AND S.C.D.H.E.C.'S REGULATIONS. THE CONTRACTOR SHALL COLLECT AND PROVIDE TO AN APPROVED LAB, THE REQUIRED SAMPLES FOR BACTERIOLOGICAL TESTING. THE WATER LINE SHALL BE DISINFECTED AND RETESTED UNTIL PASSING TEST RESULTS ARE OBTAINED PER SCDHEC REGULATIONS, TEST RESULTS ARE GOOD FOR ONLY 30 DAYS. C. THE CONTRACTOR SHALL SUPPLY A COMPLETE WATER SYSTEM AS-BUILT SURVEY AND FIELD NOTES IN AN AUTOCAD DIGITAL FORMAT IN THE SAME COORDINATE SYSTEM AS THE ORIGINAL DRAWINGS. D. A FINAL KERSHAW COUNTY AND/OR S.C.D.H.E.C. INSPECTION SHALL BE SCHEDULED AFTER ALL INSPECTIONS AND TESTING HAVE BEEN COMPLETED AND APPROVED BY LUGOFF-ELGIN WATER AUTHORITY AND ALL NECESSARY LEGAL DOCUMENTS, AND APPROVAL LETTERS HAVE BEEN RECEIVED.
- 11. THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PROTECT THE WATER SYSTEM DURING THE TIME BETWEEN THE PRELIMINARY INSPECTION AND THE END OF THE WARRANTY PERIOD.
- 12. CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF WATER LINES ENTERING BUILDING.
- 13. CONTRACTOR MAY HAVE TO INSTALL VERTICAL BENDS TO AVOID OTHER UTILITY LINES AT NO ADDITIONAL COST TO THE OWNER.

EROSION CONTROL NOTES:

- 1. IF NECESSARY, SLOPES WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO GRASSING/HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
- 2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- 3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY INSTALLED, THE PERMITEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
- 4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
- 5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION, IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETED AND THE SITE IS STABILIZED.
- 6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- 7. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ AND SCR100000.
- 8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR DIVERT SEDIMENT LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- 9. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FT BUFFER CAN BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
- 10. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- 11. A COPY OF THE SWPPP, INSPECTION RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT THE FINAL STABILIZATION IS BEING ACHIEVED.
- 12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF SEVEN (7) CALENDAR DAYS.
- 13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- 14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
- 15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPs (SEDIMENT BASIN, FILTER BAG, ETC.).
- 16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED: WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL. WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FROM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS. FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE. SOLVENTS 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 NEEDED TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORAGE EVENT WHEN PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORAGE EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND CORRECTIVE MEASURES MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
- 19. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB MORE THAN 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.
- 20. SILT FENCING LINE ON EROSION CONTROL PLAN SHEETS IS SHOWN FOR GRAPHICAL PURPOSES. SILT FENCING SHALL BE PLACED AT THE LIMITS OF DISTURBANCE.

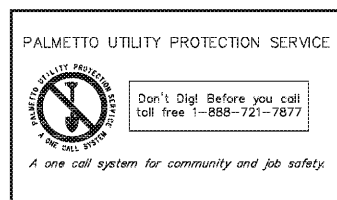
DEMOLITION AND SITE PREPARATION NOTES:

- 1. CONSTRUCTION LIMITS OF PROJECT ARE SHOWN ON THE EROSION CONTROL PLAN AS LIMITS OF DISTURBANCE. THE CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGE TO EXISTING STRUCTURES OUTSIDE THE LIMITS OF CONSTRUCTION CAUSED BY THE DEMOLITION AND/OR CONSTRUCTION PROCESS. THE DEMOLITION LINE AT THE PROJECT LIMITS OF A PAVED SURFACE SHALL BE A CLEAN, SAW CUT LINE WITHOUT IRREGULARITIES.
- 2. THE LIMITS OF DEMOLITION IS AS SHOWN ON THE DRAWINGS AND HAS BEEN LOCATED TO PROVIDE SUFFICIENT AREA FOR INSTALLING THE NEW WORK. ANY DEMOLITION THAT OCCURS OUTSIDE OF THESE LIMITS WILL BE AT THE CONTRACTORS EXPENSE UNLESS APPROVAL HAS BEEN GRANTED BY THE OWNER.
- 3. THE CONTRACTOR SHALL CONTACT THE UNDERGROUND UTILITIES LOCATING SERVICE AT 1-800-922-0983 AND THE KERSHAW COUNTY PUBLIC WORKS DEPARTMENT AT 803-428-9791 BEFORE EXCAVATING AS REQUIRED BY THE SUPPLEMENTAL CONDITIONS AND SOUTH CAROLINA LAW.
- 4. DISPOSAL OF WASTEWATER OFF-SITE AND HAULING OF FILL MATERIAL THAT IS REQUIRED FOR CONSTRUCTION SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR.
- 5. ANY AREAS DISTURBED BY CONSTRUCTION NOT COVERED BY NEW WORK SHALL BE PLACED IN PERMANENT GRASS SOD AT NO ADDITIONAL COST TO THE OWNER.
- 6. CONTRACTOR SHALL COMPLETELY DEMOLISH, REMOVE, AND DISPOSE OF PAVEMENT, CURB, SIDEWALK, ETC AS NECESSARY TO INSTALL THE NEW WORK.

WATER PROVIDER:
LUGOFF-ELGIN WATER AUTHORITY
88 BOWLING GREEN
LUGOFF, SC 29078
803.438.5866

SEWER PROVIDER:
KERSHAW COUNTY UTILITIES
515 WALNUT STREET
CAMDEN, SC 29020
803.425.1505

FEMA FLOOD STATEMENT:
THIS IS TO CERTIFY THAT I HAVE CONSULTED THE FEMA FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. #45055C0427F, EFFECTIVE DATE SEPTEMBER 28, 2018 AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE SUBJECT PROPERTY IS LOCATED IN BOTH UNSHADED ZONE X (NOT A DESIGNATED 100-YEAR FLOOD PRONE AREA) AND SHADED ZONE AE.



SEQUENCE OF CONSTRUCTION:

- ITEMS MUST OCCUR IN THE ORDER LISTED; ITEMS CANNOT OCCUR CONCURRENTLY UNTIL SPECIFICALLY NOTED.
- 1. RECEIVE LAND DISTURBANCE APPROVAL FROM THE KERSHAW COUNTY AND RECEIVE NPDES COVERAGE FROM DHEC IF 1 ACRE OR GREATER.
- 2. PRE-CONSTRUCTION MEETING WITH THE KERSHAW COUNTY STORMWATER MANAGEMENT STAFF, ENGINEER AND CONTRACTOR PRESENT.
- 3. NOTIFY KERSHAW COUNTY STORMWATER MANAGEMENT STAFF 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES.
- 4. INSTALLATION OF CONSTRUCTION ENTRANCE.
- 5. CLEARING AND GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
- 6. INSTALLATION OF PERIMETER CONTROLS (E.G. SILT FENCE).
- 7. DEMOLITION ACTIVITIES, IF NECESSARY.
- 8. CLEARING AND GRUBBING ONLY IN AREAS OF BASINS/TRAPS/ PONDS.
- 9. INSTALLATION OF BASINS/TRAPS/PONDS.
- 10. MODIFICATION OF EXISTING OUTLET STRUCTURE OF EXISTING DETENTION POND, PER PLANS.
- 11. ROUGH GRADING AND BUILDING PAD PREPARATION.
- 12. INSTALLATION OF STORM DRAINAGE SYSTEM.
- 13. BUILDING CONSTRUCTION.
- 14. FINE GRADING, PAVING, ETC.
- 15. PERMANENT/FINAL STABILIZATION.
- 16. REMOVAL OF TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AFTER ENTIRE AREA DRAINING TO THE STRUCTURE IS FINALLY STABILIZED (THE DEPARTMENT DETERMINES THAT THE PROJECT OWNER/OPERATOR HAVE THE SWPPP PREPARED OR REGISTERED EQUIVALENT, APPROVE THE REMOVAL OF TEMPORARY STRUCTURES.) THIS INCLUDES REMOVING SEDIMENTATION BASIN AND REMOVAL OF SKIMMER (TEMPORARY SEDIMENT BASIN CONVERTS TO RETENTION POND).
- 17. PERFORM AS-BUILT SURVEYS OF DRAINAGE SYSTEM.
- 18. SUBMIT NOTICE OF TERMINATION (NOT) TO KERSHAW COUNTY STORMWATER MANAGEMENT STAFF AND SCDHEC.
- * NOTE: MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES MUST CONTINUE UNTIL THE SITE IS PERMANENTLY STABILIZED AND THE WATERS ARE REMOVED.

CERTIFICATION:

I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 OF THE CODE OF LAWS OF SC, 1978 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000.

APPLICANT'S CERTIFICATION:

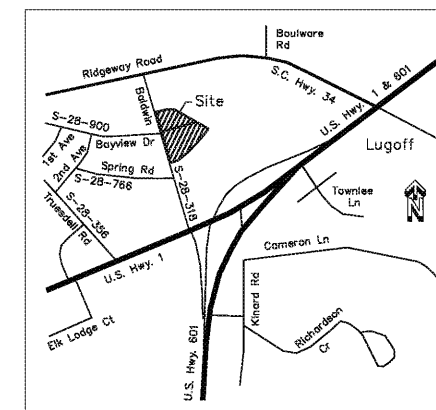
I HEREBY CERTIFY THAT ALL CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN."

DATE OWNER/PERMIT APPLICANT

DESIGNER'S CERTIFICATION:

I (WE) HEREBY CERTIFY THAT THIS PLAN IS DESIGNED TO MEET STORM DRAINAGE REQUIREMENTS AND TO CONTROL SILT ON THE PROPERTY CONCERNED TO THE MAXIMUM EXTENT FEASIBLE. PROVISIONS FOR EROSION AND SEDIMENT CONTROL AND STORM DRAINAGE IS IN ACCORDANCE WITH THE COLUMBIA SEDIMENT AND EROSION CONTROL DRAINAGE ORDINANCE."

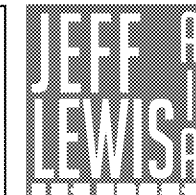
2/6/18 SC # 26168
DATE REGISTER ENGINEER NAME ENGINEER NO.



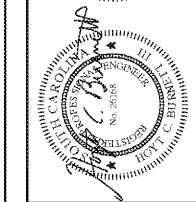
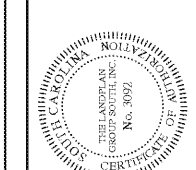
LOCATION MAP
NOT TO SCALE

SHEET INDEX

SHEET NO.	SHEET TITLE
C1.0	NOTES
C2.0	EXISTING CONDITIONS AND DEMOLITION PLAN
C3.0	LAYOUT PLAN
C4.0	EROSION CONTROL PLAN
C5.0	GRADING PLAN
C5.1	DRAINAGE PLAN
C6.0	UTILITY PLAN
C7.0	LANDSCAPING PLAN
C7.1	IRRIGATION PLAN
C8.0	CIVIL DETAILS
C9.0	CIVIL DETAILS
C10.0	CIVIL DETAILS
C11.0	CIVIL DETAILS
C12.0	CIVIL DETAILS
C13.0	CIVIL DETAILS
C14.0	SCDOT ENCROACHMENT PLAN



561 JACOBS MILL POND ROAD
ELGIN, SOUTH CAROLINA 29046
803.960.5026 / jeh@jefflewis.com



LUGOFF FACILITY EXPANSION
SANDHILLS MEDICAL FOUNDATION
28 BALDWIN AVENUE
LUGOFF, SOUTH CAROLINA 29078

REVISIONS

REV.	DATE	DESCRIPTION
1.	11.22.19	Revised based on changes to FEMA flood maps.
2.	8.11.20	Bld. Spt.

JOB # 16-039-1 07.15.2019
TLPGS NO. 803-A

NOTES
C1.0