

VICINITY MAP
(NOT TO SCALE)

ZONING TABLE	
TMS #	122-00-05-100
PIN #	338-09-02-0012
CURRENT OWNER	HORRY COUNTY BOARD OF EDUCATION
ZONING	HIGHWAY COMMERCIAL
OVERLAY	GATEWAY OVERLAY
AREA	7.60 ACRES±
	331,078 SQ.FT.±
BUILDING USE	
BUILDING A	5,034 SQ.FT. OFFICE SPACE
BUILDING B	3,790 SQ.FT. WAREHOUSE
PARKING REQUIRED	1 SPACE PER 300 SQ.FT. (OFFICE)
	1 SPACE PER 1500 SQ.FT. (STORAGE)
	20 SPACES REQUIRED
PARKING PROVIDED	3 ACCESSIBLE SPACES
	19 STANDARD SPACES
	22 SPACES PROVIDED

SIGNAGE NOTE:
1. ALL SIGNAGE MUST BE REVIEWED AND PERMITTED SEPARATELY

- SHEET INDEX**
- C1-PROPOSED SITE PLAN
 - C2-PROPOSED GRADING PLAN
 - C3-EROSION CONTROL PLAN
 - C4-PROPOSED DEMOLITION PLAN
 - C5-CONSTRUCTION DETAILS
 - C6-EROSION CONTROL DETAILS
 - C7-PROPOSED WATERLINE PLAN
 - C8-PROPOSED WATERLINE DETAILS
 - L1-PROPOSED LANDSCAPING PLAN
 - L2-PROPOSED LANDSCAPING DETAILS

SEQUENCE OF CONSTRUCTION ACTIVITY

1. OBTAIN ALL PERMITS REQUIRED.
2. MOBILIZATION ON-SITE.
3. INSTALL CONSTRUCTION ENTRANCE, SILT FENCE, AND TREE PROTECTION.
4. EXCAVATE RETENTION POND.
5. INSTALL DRAINAGE SYSTEM & INLET PROTECTION.
6. INSTALL UTILITY LINES.
7. INSTALL SIDEWALKS AND PAVEMENT BASE.
8. FINE GRADE LANDSCAPE AREAS.
9. PAVEMENT INSTALLATION.
10. SEEDING, SODDING, AND INSTALLATION OF LANDSCAPE.
11. FINAL SITE CLEANUP.
12. REMOVAL OF EROSION CONTROL DEVICES AFTER STABILIZATION.



DN ENGINEERING INC.
4664 DOCK ROAD
CONWAY, SC 29526
PHONE: 843-365-0187
EMAIL: DNORRIS@ENGINEERING.COM



PROPOSED SITE PLAN
CHS BUS TRAINING
NEW TRAINING PAD & SITE IMPROVEMENTS
ADDRESS: 2205 CHURCH ST., CONWAY, SC 29526
PREPARED FOR:
HORRY COUNTY SCHOOL DISTRICT

SCALE: SEE PLAN
JOB NO. CHS-BUS
DESIGNED BY: M.NORRIS
DRAWN BY: M.NORRIS
CHECKED BY: D.NORRIS
DATE: NOV. 4, 2021

NO.	REVISIONS	DATE



11/04/2021

SHEET NUMBER:
C1
1 OF 10

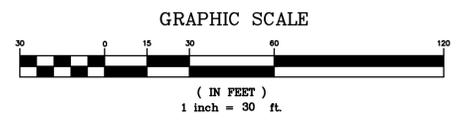
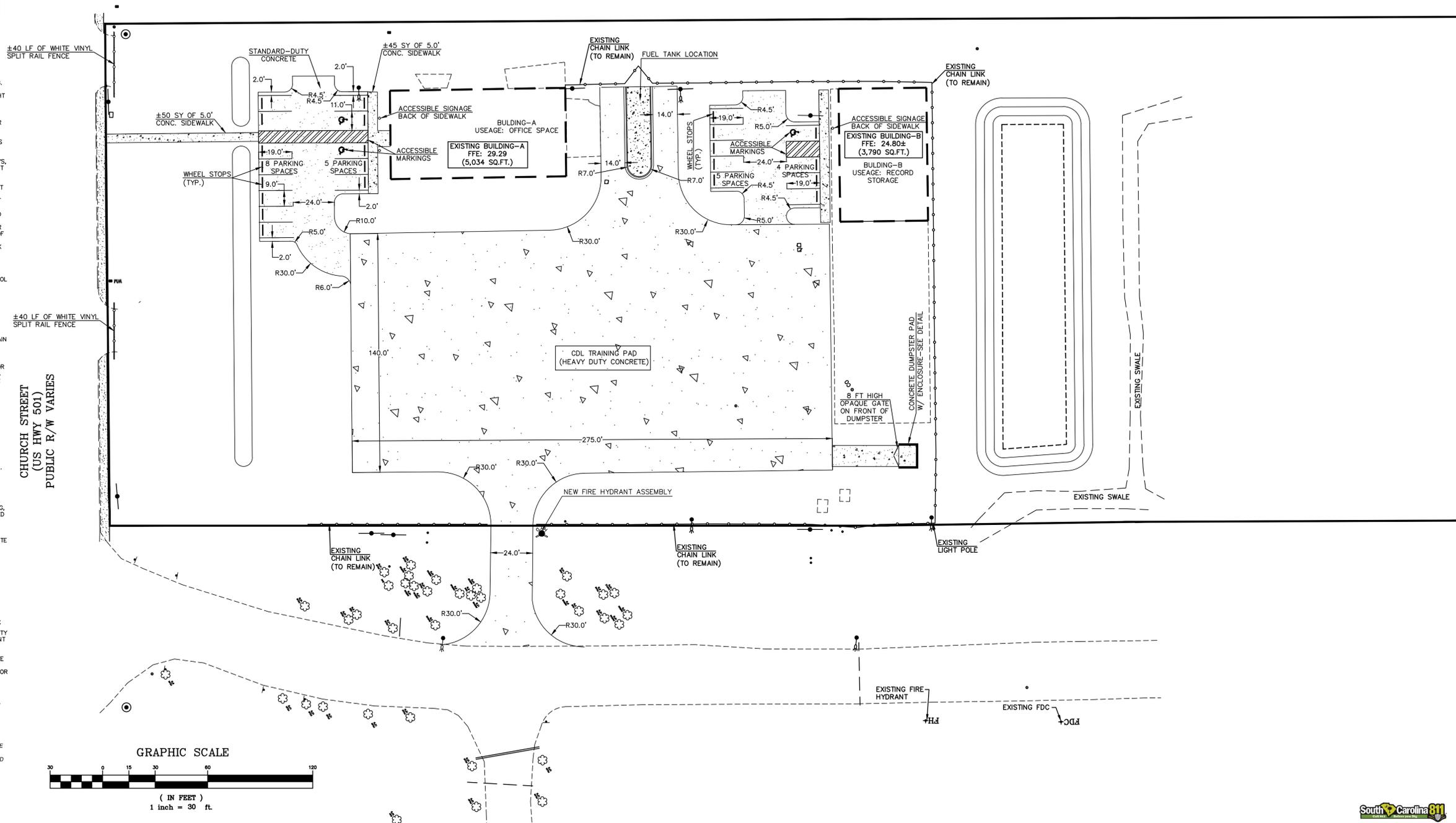
STANDARD NOTES:

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2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTION 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 EACH CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY, OR INCORRECTLY, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED TO CONTROL SILT 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 SEDIMENT 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 OFF-SITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO THE PAVED ROADWAY FROM CONSTRUCTION AREAS. 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 SCRI0000.
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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 STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORMWATER DISCHARGES.
11. A COPY OF THE SWPPP, INSPECTIONS RECORDS AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OF NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE OF THE FINAL STABILIZATION IS REACHED.
12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3% OR GREATER) WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING. WHEEL WASH WATER AND OTHER WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
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16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
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 - 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 REACH ON ALL AREAS OF THE CONSTRUCTION SITE.
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19. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

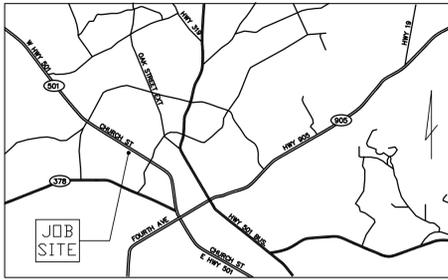
GENERAL NOTE:

CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO START OF ANY CONSTRUCTION AND PARTICIPATE IN ANY PRE-CONSTRUCTION CONFERENCES AS MAY BE REQUIRED.

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REPRODUCTION OR REUSE OF THIS DRAWING IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN PERMISSION IS STRICTLY FORBIDDEN



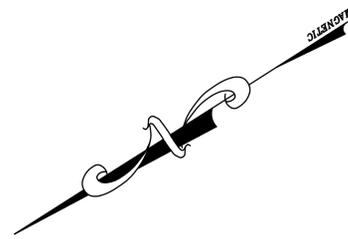
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- GRADING NOTES:**
1. ALL DISTURBED AREAS MUST BE SEEDED IMMEDIATELY AFTER CONSTRUCTION.
 2. ALL SEDIMENT & EROSION CONTROL FEATURES SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION.
 3. 18.00' REPRESENTS PROPOSED ASPHALT GRADES.
 4. 4.0' REPRESENTS PROPOSED SIDEWALK/CONCRETE.
 5. 8.0' REPRESENTS GRADES AROUND BUILDING.
 6. 16.0' REPRESENTS GRADES OF THE BASE MATERIAL.
 7. *14.55 REPRESENTS EXISTING GRADES.
 8. → REPRESENTS PROPOSED DRAINAGE FLOW.
 9. SELECT FILL SHALL BE PLACED OVER ALL PROPOSED DRAINAGE LINES.
 10. FILTER FABRIC IS REQUIRED TO BE WRAPPED AROUND ALL PIPE JOINTS.
 11. IT IS THE CONTRACTOR SOLE RESPONSIBILITY TO MAKE SURE ALL ADA REQUIREMENTS ARE MET WHEN INSTALLING RAMPS & SIDEWALKS.

- DRAINAGE NOTES:**
1. ALL DISTURBED AREAS MUST BE SEEDED IMMEDIATELY AFTER CONSTRUCTION.
 2. ALL SEDIMENT & EROSION CONTROL FEATURES SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION.
 3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER ABOUT ANY DISCREPANCIES BETWEEN THE ALIGNMENT & ELEVATIONS OF EXISTING UTILITIES AND THE DESIGN PLANS.
 4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE REPAIRING AND/OR REPLACING ANY UTILITIES THAT MAY BECOME DAMAGED DURING THE CONSTRUCTION OF THIS PROJECT.
 5. #12 TRACER WIRE SHALL BE PLACED IN THE TRENCH ABOVE ALL PLASTIC DRAINAGE LINES FOR EASE OF LOCATION.



SEQUENCE OF CONSTRUCTION ACTIVITY

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PHONE: 843-365-0187
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PROPOSED GRADING PLAN
CHS BUS TRAINING
NEW TRAINING PAD & SITE IMPROVEMENTS
ADDRESS: 2205 CHURCH ST., CONWAY, SC 29526
PREPARED FOR: Horry County School District

SCALE: SEE PLAN
JOB NO. CHS-BUS
DESIGNED BY: M.NORRIS
DRAWN BY: M.NORRIS
CHECKED BY: D.NORRIS
DATE: NOV. 4, 2021

NO.	REVISIONS	DATE

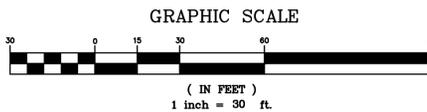
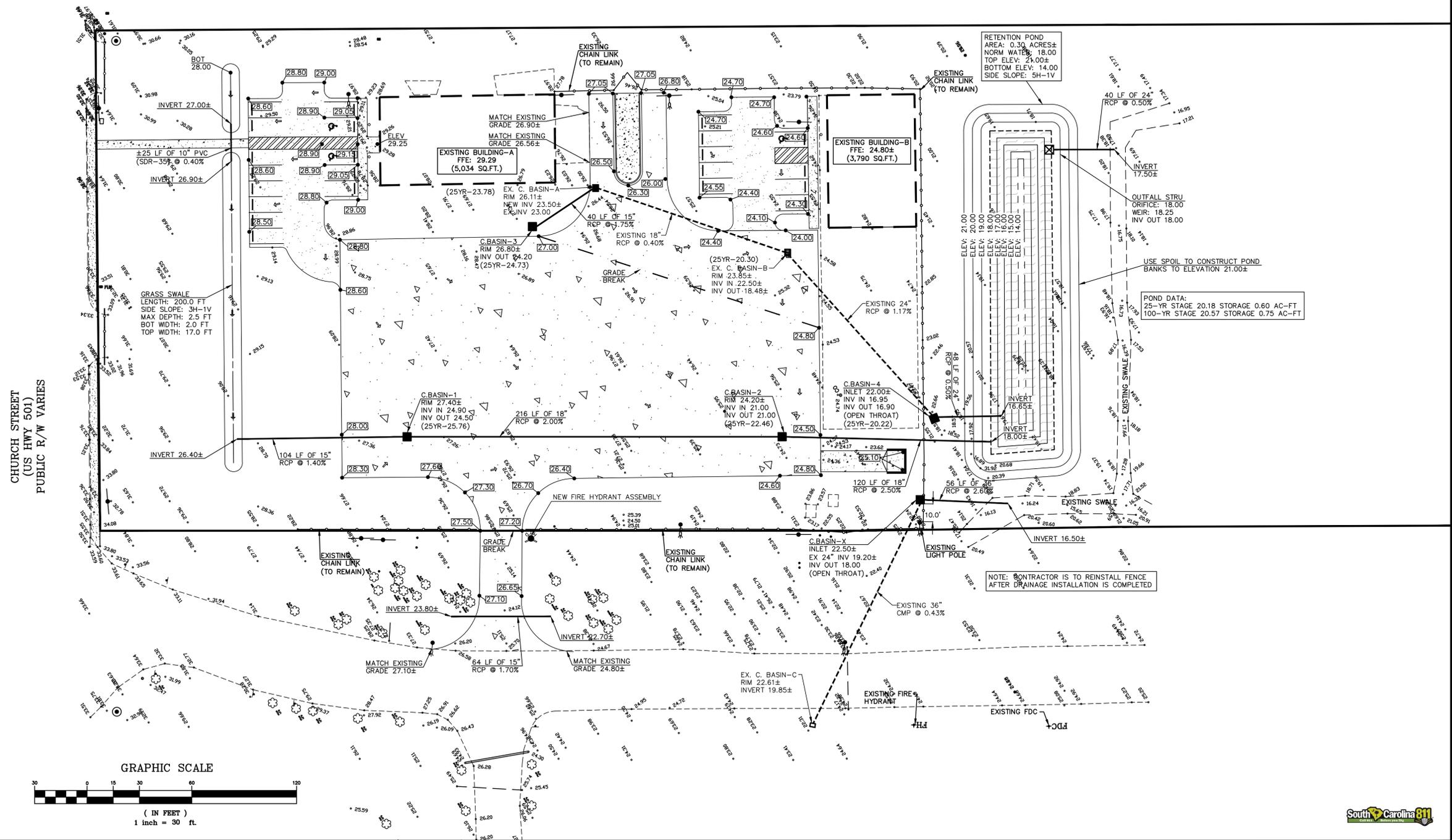
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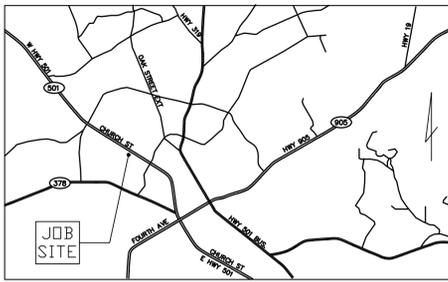
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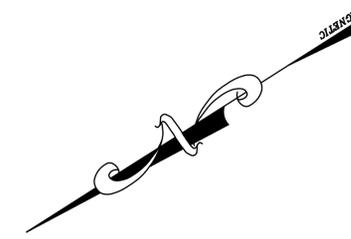
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	22 SPACES PROVIDED

STANDARD NOTES:

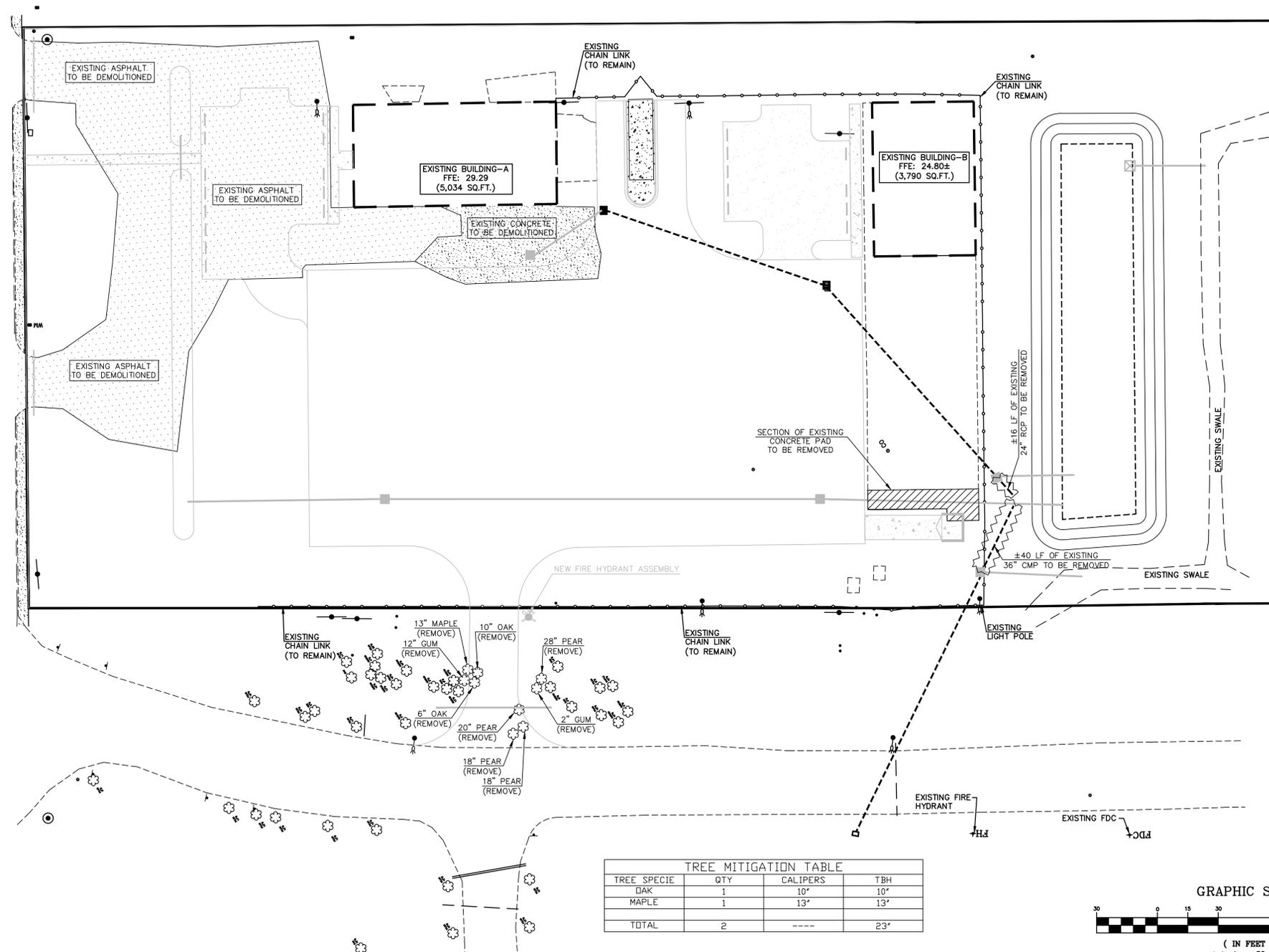
1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS TO MAINTAIN PROPER CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTION 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 EACH CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY, OR INCORRECTLY, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED TO CONTROL SILT 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 SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO THE PAVED ROADWAY FROM CONSTRUCTION AREAS. 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 SCRI00000.
8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
9. ALL WATERS OF THE STATE (WOS) INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
10. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORMWATER DISCHARGES.
11. A COPY OF THE SWPPP, INSPECTIONS RECORDS AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OF NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE OF THE FINAL STABILIZATION IS REACHED.
12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3% OR GREATER) WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING. WHEEL WASH WATER AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPs (SEDIMENT BASIN, FILTER BAG, ETC.)
16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
 - WATER/WATER 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 REACH 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 STANDARD, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPs MUST BE IMPLEMENTED AS SOON AS REASONABLE POSSIBLE.
19. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

GENERAL NOTE:

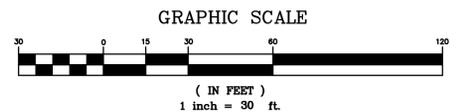
CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO START OF ANY CONSTRUCTION AND PARTICIPATE IN ANY PRE-CONSTRUCTION CONFERENCES AS MAY BE REQUIRED.

ANY INFORMATION SHOWN ON THESE DRAWINGS PERTAINING TO THE EXISTENCE, LOCATION OR ELEVATION OF EXISTING UTILITIES HAS BEEN TAKEN FROM INFORMATION SUPPLIED BY OTHERS. THE ENGINEER HAS PERFORMED NO EXCAVATIONS TO VERIFY THE ACCURACY OF THIS INFORMATION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE APPROPRIATE AGENCIES TO OBTAIN AN ACCURATE FIELD LOCATION OF ANY AND ALL UTILITIES THAT MAY BE IN THE VICINITY OF THE PROPOSED WORK. THE CONTRACTOR SHALL VERIFY, BY FIELD MEASUREMENT, THE LOCATION AND ELEVATION OF ANY UTILITIES THAT MAY AFFECT CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THE INFORMATION AS SHOWN ON THE DRAWINGS AND THAT OBTAINED BY FIELD MEASUREMENTS, AND OF ANY COLLISIONS OR INTERFERENCES WITH THE PROPOSED WORK. THE ENGINEER SHALL BE ALLOWED THE TIME NECESSARY TO MAKE DESIGN REVISIONS REQUIRED TO MINIMIZE OR ELIMINATE DISCOVERED CONFLICTS.

CHURCH STREET
(US HWY 501)
PUBLIC R/W VARIES



TREE MITIGATION TABLE			
TREE SPECIE	QTY	CALIPERS	TBH
OAK	1	10"	10"
MAPLE	1	13"	13"
TOTAL	2	---	23"



DN
DN ENGINEERING INC.
4664 DOCK ROAD
CONWAY, SC 29526
PHONE: 843-365-0187
EMAIL: DNORRIS@ENGINEERING.COM

HCS
Horry County Schools

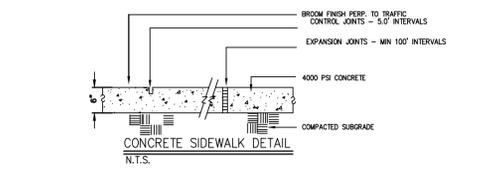
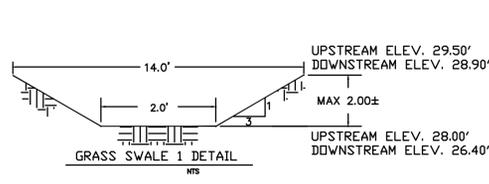
PROPOSED DEMOLITION PLAN
CHS BUS TRAINING
NEW TRAINING PAD & SITE IMPROVEMENTS
ADDRESS: 2205 CHURCH ST., CONWAY, SC 29526
PREPARED FOR:
HORRY COUNTY SCHOOL DISTRICT

SCALE: SEE PLAN
JOB NO. CHS-BUS
DESIGNED BY: M.NORRIS
DRAWN BY: M.NORRIS
CHECKED BY: D.NORRIS
DATE: NOV. 4, 2021

NO.	REVISIONS	DATE

Professional Engineer Seal for David L. Norris, No. 1300, State of South Carolina, dated 11/04/2021.

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SEQUENCE OF CONSTRUCTION ACTIVITY

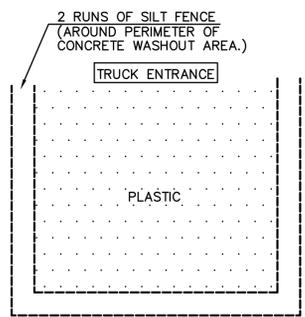
1. OBTAIN ALL PERMITS REQUIRED.
2. MOBILIZATION ON-SITE
3. INSTALL CONSTRUCTION ENTRANCE, SILT FENCE, AND TREE PROTECTION.
4. EXCAVATE RETENTION POND.
5. INSTALL DRAINAGE SYSTEM & INLET PROTECTION.
6. INSTALL UTILITY LINES.
7. INSTALL SIDEWALKS AND PAVEMENT BASE.
8. FINE GRADE LANDSCAPE AREAS.
9. PAVEMENT INSTALLATION.
10. SEEDING, SODDING, AND INSTALLATION OF LANDSCAPE.
11. FINAL SITE CLEANUP.
12. REMOVAL OF EROSION CONTROL DEVICES AFTER STABILIZATION.

- DRAINAGE NOTES:**
1. ALL DISTURBED AREAS MUST BE SEEDED IMMEDIATELY AFTER CONSTRUCTION.
 2. ALL SEDIMENT & EROSION CONTROL FEATURES SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION.
 3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER ABOUT ANY DISCREPANCIES BETWEEN THE ALIGNMENT & ELEVATIONS OF EXISTING UTILITIES AND THE DESIGN PLANS.
 4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE REPAIRING AND/OR REPLACING ANY UTILITIES THAT MAY BECOME DAMAGE DURING THE CONSTRUCTION OF THIS PROJECT.
 5. #12 TRACER WIRE SHALL BE PLACED IN THE TRENCH ABOVE ALL PLASTIC DRAINAGE LINES FOR EASE OF LOCATION.
 6. THE SITE CONTRACTOR IS RESPONSIBLE FOR MAKING THE TIE IN OF ALL WATER, SEWER, AND DRAINAGE LINES—TYPICALLY 5.0 FT OUTSIDE BUILDING LINE. PVO SDR-18 AND SCH-40 SEWER PIPE CAN BE USED FOR THE DRAIN LATERALS (DOWN-SPOUTS & ROOF LEADERS). ALL BEND FITTINGS SHALL BE THE LONG RADIUS TYPE. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING THE FITTINGS NEEDED TO MAKE ALL UTILITY AND DRAINAGE CONNECTIONS.
 7. ALL SEWER & DRAINAGE CLEAN-OUTS SHALL BE TRAFFIC BEARING AND INSTALLED TO FINAL GRADE. ALL CLEAN-OUTS IN GRASSED & LANDSCAPE AREAS SHALL HAVE CONCRETE COLLARS PLACED AROUND THE CLEAN-OUT FOR PROTECTION.

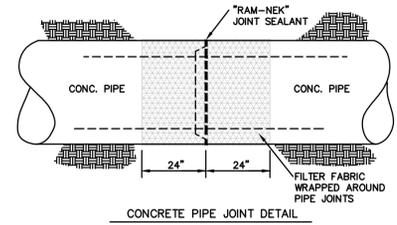
- INSPECTION NOTES:**
1. WEEKLY INSPECTIONS AND REPORTS BY THE CONTRACTOR SHALL BE KEPT ON SITE AND BE READY AVAILABLE FOR THE ENGINEER AND/OR HORRY COUNTY STORMWATER.
 2. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED DAILY—ALL MUD REMOVED.
 3. FINAL DRAINAGE ASBUILTS SHALL BE REQUIRED AND APPROVED BY HORRY COUNTY STORMWATER DEPT. PRIOR TO THE ISSUANCE OF CERTIFICATE OF OCCUPANCY (CO).
 4. THE LAND DISTURBANCE ACTIVITY WILL BE ACCOMPLISHED PURSUANT TO THE CONCEPT PLAN AND THE COUNTY HAS THE RIGHT OF CONDUCT ONSITE INSPECTIONS.

BERMUDA SOD—NO MESH BACKING

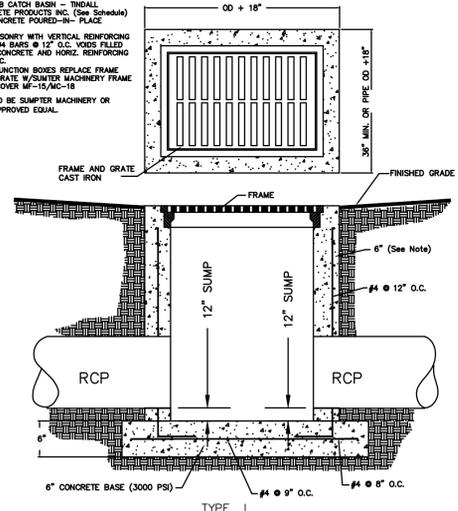
- DISTRICT REQUIREMENTS:**
1. ALL IMPACTED AREAS INCLUDING, BUT NOT LIMITED TO: SITE ACCESS, DRAINAGE INSTALLATION, CONCRETE, DEMOLISHING, CONCRETE WASHOUT, AND STAGING AREAS ARE TO BE GRADED AND SODDED AT CONCLUSION ACTIVITIES.
 2. ALL IRRIGATION LINES DAMAGED SHALL BE REPAIRED PER THE DISTRICT CURRENT SPECIFICATIONS.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL NEW SOD UNTIL THE ROOT IS ESTABLISHED AND THE GRASS HAS A HEALTHY GROWTH.
 4. THE SITE SHALL BE CLEANED OF ALL TRASH AND DEBRIS ON A DAILY BASIS.



CONCRETE WASHOUT DETAIL (NOT TO SCALE)

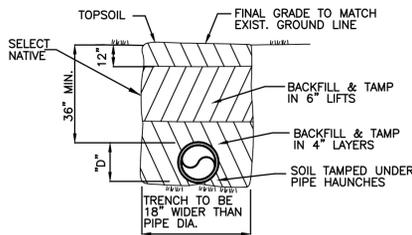


CONCRETE PIPE JOINT DETAIL (N.T.S.)

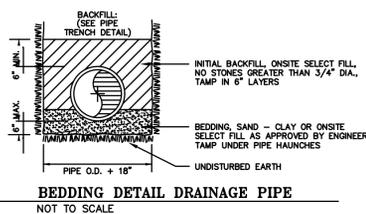


CATCH BASIN DETAIL (N.T.S.)

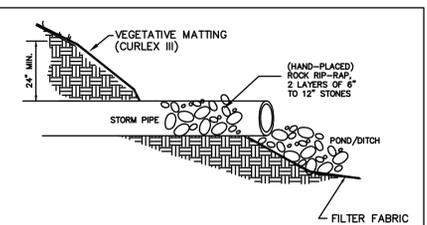
MINIMUM 3.0 FT x 3.0 FT BOXES PER SCDOT SPECIFICATIONS



TYPICAL PIPE BEDDING DETAIL

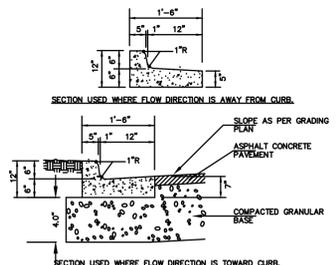


BEDDING DETAIL DRAINAGE PIPE (NOT TO SCALE)



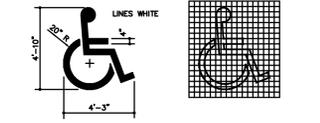
PIPE SIZES (INCHES)	AVERAGE ROCK DIAMETER (INCHES)	APRON WIDTH (FEET)	APRON LENGTH FOR LOW FLOW (FEET)	APRON LENGTH FOR HIGH FLOW (FEET)
8	3	2-3	3-3	8-12
12	5	3-4	4-6	12-18
18	9	4-6	6-8	18-22
24	10	6-8	8-12	22-28
30	12	8-10	12-14	28-32
36	14	10-12	14-16	32-38
42	16	12-14	16-18	38-44
48	20	14-16	18-25	42-48

OUTFALL STABILIZER DETAIL (NOT TO SCALE)

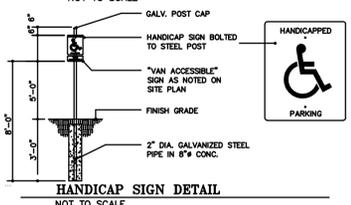


- NOTES:**
1. CONCRETE SHALL BE FIBER REINFORCED AND SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI. MAXIMUM AGGREGATE SIZE SHALL BE 1/2" DIAMETER.
 2. CONTROL JOINTS SHALL BE PLACED AT 8' O.C. MAX. EXPANSION JOINTS SHALL BE PLACED AT 32' O.C. MAX.

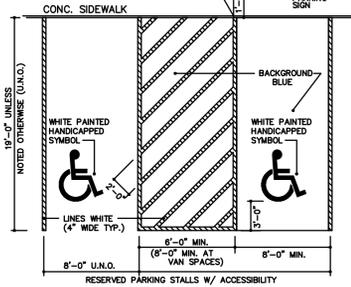
18" CURB AND GUTTER DETAIL (NOT TO SCALE)



HANDICAP SYMBOL DETAIL (NOT TO SCALE)

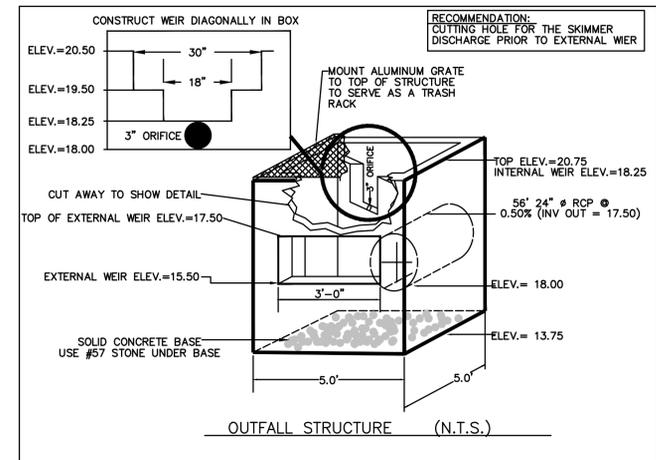


HANDICAP SIGN DETAIL (NOT TO SCALE)

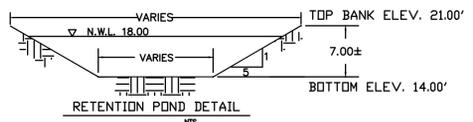


- NOTES:**
1. PAVEMENT MARKINGS SHALL BE AN ACRYLIC EMULSION OR ALKYD, NON-REFLECTORIZED ZONE MARKING PAINTS APPLIED IN 2 COATS.
 2. PAINT MARKINGS SHALL NOT BE APPLIED UNTIL NEW PAVING HAS CURED 7 DAYS MINIMUM.
 3. PRECAST CONCRETE BUMPER BLOCKS SHALL BE REQUIRED AT ALL RESERVED PARKING STALLS AND AT ALL AREAS WHERE A RAISED CURB IS NOT PROVIDED.

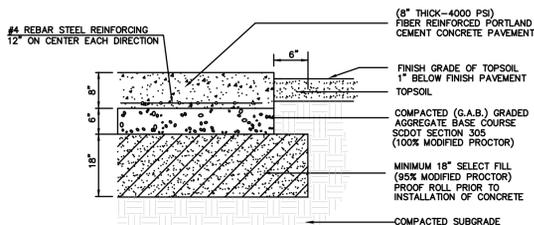
TYPICAL PARKING STALL MARKINGS (NOT TO SCALE)



OUTFALL STRUCTURE (N.T.S.)

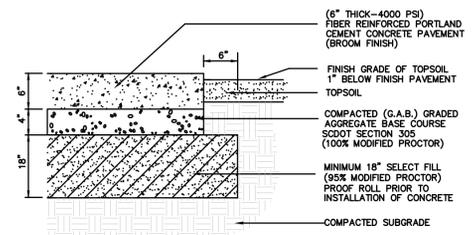


RETENTION POND DETAIL (N.T.S.)



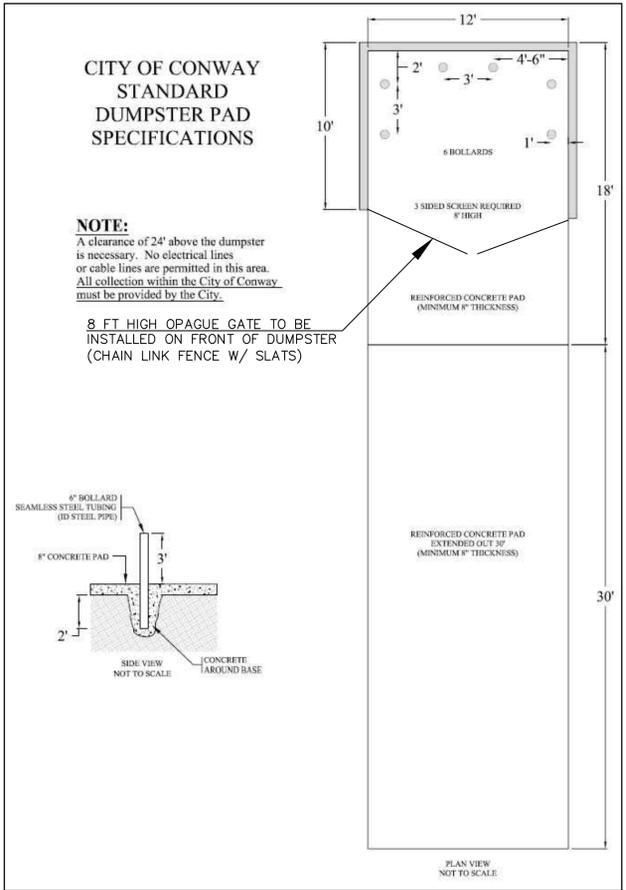
- NOTES:**
1. ALL MATERIALS SHALL MEET APPLICABLE STANDARDS SET FORTH IN THE SCDOT CONSTRUCTION STANDARDS, LATEST EDITION.
 2. SUBGRADE SHALL BE FREE OF ALL ROCKS AND DEBRIS LARGER THAN 1" DIAMETER. CERTIFIED COMPACTION TESTS MUST BE SUBMITTED TO ENGINEER PRIOR TO APPLICATION OF BASE MATERIAL.
 3. SUBGRADE SHALL BE GRADED AND SLOPED TOWARD DRAINAGE STRUCTURES AND DITCHES TO PREVENT THE ENTRAPMENT OF WATER WITHIN BASE MATERIAL. SUBGRADE SHALL BE INSPECTED AND APPROVED BY OWNERS REPRESENTATIVE PRIOR TO THE INSTALLATION OF BASE.
 4. CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AND A MAXIMUM AGGREGATE SIZE OF 1/2" IN DIAMETER. CONCRETE SHALL BE FIBER REINFORCED AS PER MANUFACTURER RECOMMENDATIONS.
 5. EXPANSION JOINTS SHALL BE PLACED AT INTERVALS NOT GREATER THAN 60' O.C. AND ADJACENT TO BUILDING FOUNDATIONS.

CONCRETE TRAINING/DUMPSTER PAD (NOT TO SCALE)



- NOTES:**
1. ALL MATERIALS SHALL MEET APPLICABLE STANDARDS SET FORTH IN THE SCDOT CONSTRUCTION STANDARDS, LATEST EDITION.
 2. SUBGRADE SHALL BE FREE OF ALL ROCKS AND DEBRIS LARGER THAN 1" DIAMETER. CERTIFIED COMPACTION TESTS MUST BE SUBMITTED TO ENGINEER PRIOR TO APPLICATION OF BASE MATERIAL.
 3. SUBGRADE SHALL BE GRADED AND SLOPED TOWARD DRAINAGE STRUCTURES AND DITCHES TO PREVENT THE ENTRAPMENT OF WATER WITHIN BASE MATERIAL. SUBGRADE SHALL BE INSPECTED AND APPROVED BY OWNERS REPRESENTATIVE PRIOR TO THE INSTALLATION OF BASE.
 4. CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AND A MAXIMUM AGGREGATE SIZE OF 1/2" IN DIAMETER. CONCRETE SHALL BE FIBER REINFORCED AS PER MANUFACTURER RECOMMENDATIONS.
 5. EXPANSION JOINTS SHALL BE PLACED AT INTERVALS NOT GREATER THAN 60' O.C. AND ADJACENT TO BUILDING FOUNDATIONS.

STANDARD PAVEMENT SECTION (PARKING STALES/DRIVE ISLES) (NOT TO SCALE)



NOTE:
A clearance of 24' above the dumpster is necessary. No electrical lines or cable lines are permitted in this area. All collection within the City of Conway must be provided by the City.

8 FT HIGH OPAQUE GATE TO BE INSTALLED ON FRONT OF DUMPSTER (CHAIN LINK FENCE W/ SLATS)

DN ENGINEERING INC.
4664 DOCK ROAD
CONWAY, SC 29526
PHONE: 843-365-0187
EMAIL: DNORRIS@DNENGINEERING.COM

HCS
Horry County Schools

CONSTRUCTION DETAILS

CHS BUS TRAINING
NEW TRAINING PAD & SITE IMPROVEMENTS
ADDRESS: 2205 CHURCH ST., CONWAY, SC 29526
PREPARED FOR: Horry County School District

SCALE: SEE PLAN
JOB NO. CHS-BUS
DESIGNED BY: M.NORRIS
DRAWN BY: M.NORRIS
CHECKED BY: D.NORRIS
DATE: NOV. 4, 2021

REVISIONS

DATE

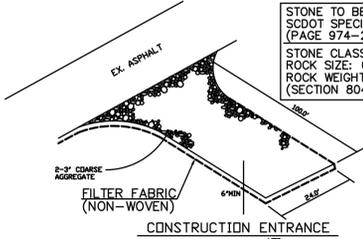
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11/04/2021

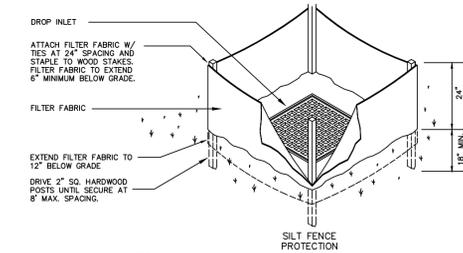
SHEET NUMBER:
C5
5 OF 10

FILTER FABRIC (NON-WOVEN) SHALL BE PLACED UNDER CONSTRUCTION ENTRANCE

STONE TO BE USED PER SCDOT SPECIFICATIONS (PAGE 974-2000 EDITION)
STONE CLASS: A
ROCK SIZE: 0.20-0.75 FT.
ROCK WEIGHT: 11.0-37.0 LBS. (SECTION 804.02)

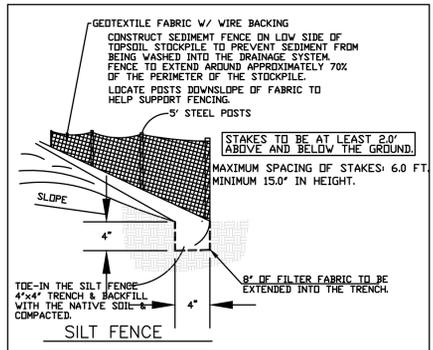


THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED DAILY.



- NOTES
- SILT FENCE PROTECTION SHALL BE USED UNTIL SITE IS FINE GRADED. FABRIC INSERTS MAY BE SUBSTITUTED FOR SILT FENCE AT TIME OF FINE GRADING.
 - FILTER FABRIC TO REMAIN IN PLACE UNTIL LAWN HAS BEEN ESTABLISHED AND PAVING COMPLETE. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF SILT FENCE PROTECTION AND FINAL CLEANUP INCLUDING REMOVAL OF ANY SEDIMENT ACCUMULATIONS.
 - INLET PROTECTION TO BE INSPECTED AND SEDIMENT REMOVED AS NEEDED DURING CONSTRUCTION.

DROP INLET PROTECTION DETAIL
NOT TO SCALE

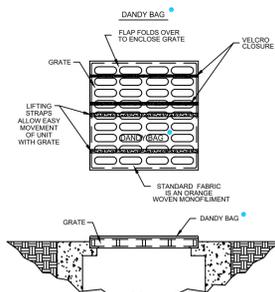


DANDY BAG

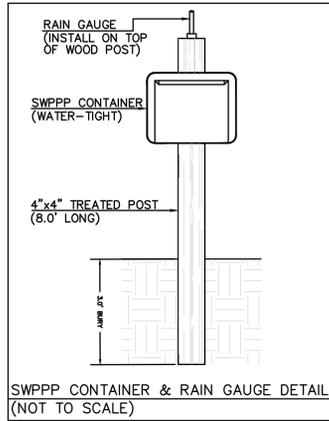
Installation and Maintenance Guidelines

Installation: The empty Dandy Bag® should be placed over the grate as the grate stands on end. If using optional oil absorbent, place absorbent pillow in pouch, on the bottom (below-grade side) of the unit. Attach absorbent pillow to tether loop. Tuck the enclosure flap inside to completely enclose the grate. Holding the lifting devices (do not rely on lifting devices to support the entire weight of the grate), place the grate into its frame.

Maintenance: Remove all accumulated sediment and debris from surface and vicinity of unit after each storm event. Remove sediment that has accumulated within the containment area of the Dandy Bag® as needed. If using optional oil absorbent, remove and replace absorbent pillow when near saturation.



INLET PROTECTION



SWPPP CONTAINER & RAIN GAUGE DETAIL
(NOT TO SCALE)

PERMANENT SEEDING - COASTAL AREAS

SPECIES	LBS./AC	MONTHS												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
SANDY, DROUGHTY SITES														
Browntop Millet	10 lbs./ac													
Bahiagrass	40 lbs./ac													
Browntop Millet	10 lbs./ac													
Bahiagrass	30 lbs./ac													
Sericea Lespedeza	40 lbs./ac													
Browntop Millet	10 lbs./ac													
Atlantic Coastal Panicgrass PLS	15 lbs./ac													
Browntop Millet	10 lbs./ac													
Switchgrass (Alamo) PLS	8 lbs./ac													
Little Bluestem	4 lbs./ac													
Sericea Lespedeza	20 lbs./ac													
Browntop Millet	10 lbs./ac													
Weeping Lovegrass	8 lbs./ac													
WELL DRAINED, CLAYEY/ LOAMEY SITES														
Browntop Millet	10 lbs./ac													
Bahiagrass	40 lbs./ac													
Rye, Gram	10 lbs./ac													
Bahiagrass	40 lbs./ac													
Clover, Crimson (Annular)	5 lbs./ac													
Browntop Millet	10 lbs./ac													
Bahiagrass	30 lbs./ac													
Sericea Lespedeza	40 lbs./ac													
Browntop Millet	10 lbs./ac													
Bermuda, Common	10 lbs./ac													
Sericea Lespedeza	40 lbs./ac													
Browntop Millet	10 lbs./ac													
Bermuda, Common	12 lbs./ac													
Kobe Lespedeza (Annular)	10 lbs./ac													
Browntop Millet	10 lbs./ac													
Bahiagrass	20 lbs./ac													
Sericea Lespedeza	40 lbs./ac													
Browntop Millet	10 lbs./ac													
Switchgrass	8 lbs./ac													
Little Bluestem PLS	3 lbs./ac													
Indiangrass PLS	3 lbs./ac													
PLS	3 lbs./ac													
PLS	3 lbs./ac													

TEMPORARY SEEDING - COASTAL AREAS

SPECIES	LBS./AC	MONTHS												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NOV	
SANDY, DROUGHTY SITES														
Browntop Millet	40 lbs./ac													
Rye, Gram	50 lbs./ac													
Ryegrass	50 lbs./ac													
WELL DRAINED, CLAYEY/ LOAMEY SITES														
Browntop Millet or Japanese Millet	40 lbs./ac													
Rye, Gram or	50 lbs./ac													
Oats	15 lbs./ac													
Ryegrass	50 lbs./ac													

INSPECTION NOTES:

- WEEKLY INSPECTIONS AND REPORTS BY THE CONTRACTOR SHALL BE KEPT ON SITE AND BE READY AVAILABLE FOR THE ENGINEER AND/OR HORRY COUNTY STORMWATER.
- THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED DAILY-ALL MUD REMOVED.
- FINAL DRAINAGE ASBUILTS SHALL BE REQUIRED AND APPROVED BY HORRY COUNTY STORMWATER DEPT. PRIOR TO THE ISSUANCE OF CERTIFICATE OF OCCUPANCY (CO).
- THE LAND DISTURBANCE ACTIVITY WILL BE ACCOMPLISHED PURSUANT TO THE CONCEPT PLAN AND THE COUNTY HAS THE RIGHT OF CONDUCT ON-SITE INSPECTIONS.

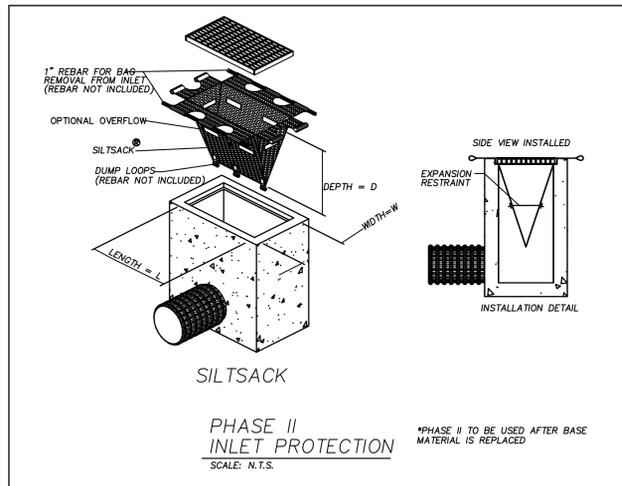
DISTRICT REQUIREMENTS:

- ALL IMPACTED AREAS INCLUDING, BUT NOT LIMITED TO: SITE ACCESS, DRAINAGE INSTALLATION, CONCRETE, DEMOLISHING, CONCRETE WASHOUT, AND STAGING AREAS ARE TO BE GRADED AND SODDED AT CONCLUSION ACTIVITIES.
- ALL IRRIGATION LINES DAMAGED SHALL BE REPAIRED PER THE DISTRICT CURRENT SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL NEW SOD UNTIL THE ROOT IS ESTABLISHED AND THE GRASS HAS A HEALTHY GROWTH.
- THE SITE SHALL BE CLEANED OF ALL TRASH AND DEBRIS ON A DAILY BASIS.

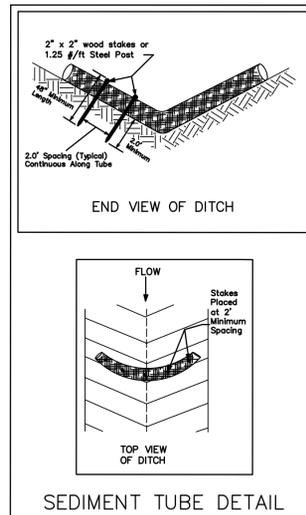
GENERAL NOTE:

CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO START OF ANY CONSTRUCTION AND PARTICIPATE IN ANY PRE-CONSTRUCTION CONFERENCES AS MAY BE REQUIRED.

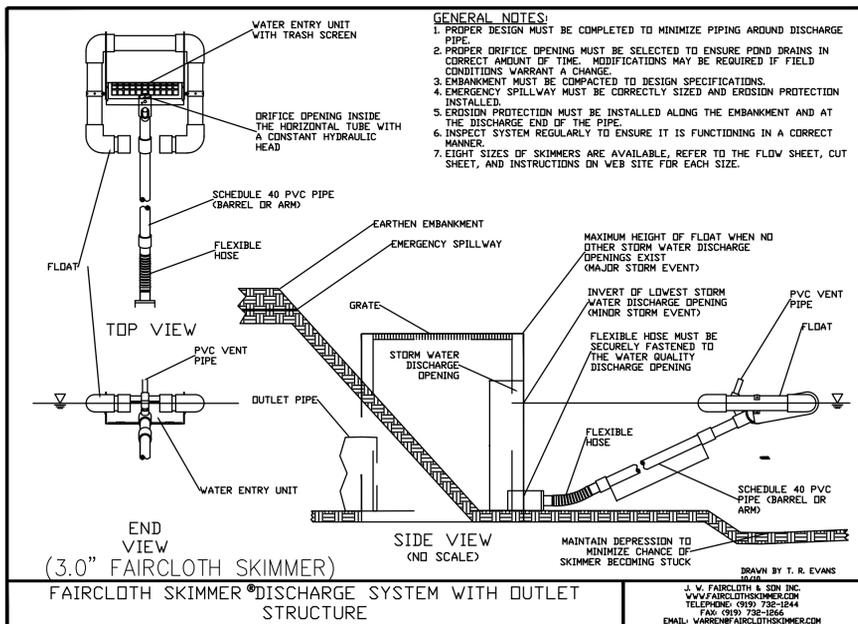
ANY INFORMATION SHOWN ON THESE DRAWINGS PERTAINING TO THE EXISTENCE, LOCATION OR ELEVATION OF EXISTING UTILITIES HAS BEEN TAKEN FROM INFORMATION SUPPLIED BY OTHERS. THE ENGINEER HAS PERFORMED NO EXCAVATIONS TO VERIFY THE ACCURACY OF THIS INFORMATION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE APPROPRIATE AGENCIES TO OBTAIN AN ACCURATE FIELD LOCATION OF ANY AND ALL UTILITIES THAT MAY BE IN THE VICINITY OF THE PROPOSED WORK. THE CONTRACTOR SHALL VERIFY, BY FIELD MEASUREMENT, THE LOCATION AND ELEVATION OF ANY UTILITIES THAT MAY AFFECT CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THE INFORMATION AS SHOWN ON THE DRAWINGS AND THAT OBTAINED BY FIELD MEASUREMENTS, AND OF ANY POSSIBLE CONFLICTS OR INTERFERENCES WITH THE PROPOSED WORK. THE ENGINEER SHALL BE ALLOWED THE TIME NECESSARY TO MAKE DESIGN REVISIONS REQUIRED TO MINIMIZE OR ELIMINATE DISCOVERED CONFLICTS.



SILTSACK
PHASE II INLET PROTECTION
SCALE: N.T.S.



SEDIMENT TUBE DETAIL



FAIRCLOTH SKIMMER®DISCHARGE SYSTEM WITH OUTLET STRUCTURE

J. V. FAIRCLOTH & SON, INC.
WWW.FAIRCLOTHSKIMMER.COM
TELEPHONE: (919) 738-1244
FAX: (919) 738-1266
EMAIL: WAREHOUSE@FAIRCLOTHSKIMMER.COM

STANDARD NOTES:

- IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTION 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.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
- PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED TO CONTROL SILT 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 REMOVED SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO THE PAVED ROADWAY FROM CONSTRUCTION AREAS. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE REQUIREMENTS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SCRI0000.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- ALL WATERS OF THE STATE (WoS) INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN A FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WoS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WoS.
- 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 STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORMWATER DISCHARGES.
- A COPY OF THE SWPPP, INSPECTIONS RECORDS AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OF NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE OF THE FINAL STABILIZATION IS REACHED.
- INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
- MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- MINIMIZE 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.
- 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.)
- 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.
- 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 REACH ON ALL AREAS OF THE CONSTRUCTION SITE.
- 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 STANDARD, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE. THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPs MUST BE IMPLEMENTED AS SOON AS REASONABLE POSSIBLE.
- A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

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EROSION CONTROL DETAILS

CHS BUS TRAINING
NEW TRAINING PAD & SITE IMPROVEMENTS
ADDRESS: 2205 CHURCH ST., CONWAY, SC 29526
PREPARED FOR: Horry County School District

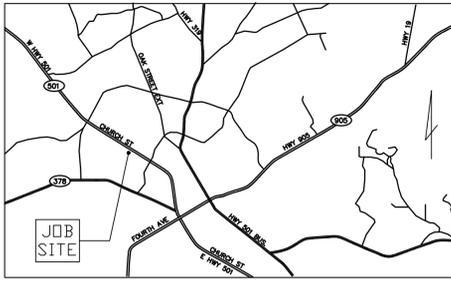
SCALE: SEE PLAN
JOB NO. CHS-BUS
DESIGNED BY: M.NORRIS
DRAWN BY: M.NORRIS
CHECKED BY: D.NORRIS
DATE: NOV. 4, 2021

REVISIONS

DATE

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SHEET NUMBER: C6
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SHEET INDEX
 C1-PROPOSED SITE PLAN
 C2-PROPOSED GRADING PLAN
 C3-EROSION CONTROL PLAN
 C4-PROPOSED DEMOLITION PLAN
 C5-CONSTRUCTION DETAILS
 C6-EROSION CONTROL DETAILS
 C7-PROPOSED WATERLINE PLAN
 C8-PROPOSED WATERLINE DETAILS
 L1-PROPOSED LANDSCAPING PLAN
 L2-PROPOSED LANDSCAPING DETAILS

***PARKING ISLAND PLANT SCHEDULE:**

SYMBOL	COMMON NAME	COMMON NAME	SPACING	SIZE @ PLANTING	TOTAL
	CANOPY TREES		N/A	MIN. 12.0'-14.0' HEIGHT MIN. 3.0" CALIPER	8
(LO)	LAUREL OAK	EVERGREEN			8
	EVERGREEN SHRUBS		N/A	MIN. 1.5' HEIGHT MIN. 3.0 GALLON	86
(IH)	INDIAN HAWTHORNE	EVERGREEN			22
(DH)	DWARF YAUPON HOLLY	EVERGREEN			22

***STREETSCAPE PLANT SCHEDULE:**

SYMBOL	COMMON NAME	COMMON NAME	SPACING	SIZE @ PLANTING	TOTAL
	CANOPY TREES		2 PER 100'	MIN. 2.5" CALIPER	5
(LO)	LAUREL OAK	EVERGREEN			2
(RB)	RIVER BIRCH	DECIDUOUS			3
	UNDERSTORY TREES		2 PER 100'	MIN. 6"-8" HEIGHT	5
(YH)	YAUPON HOLLY	EVERGREEN			2
(CM)	GRAPE MYRTLE	EVERGREEN			3
	EVERGREEN SHRUB		18 PER 100'	MIN. 3.0 GALLON	55
(IH)	INDIAN HAWTHORNE	EVERGREEN			28
(DH)	DWARF YAUPON HOLLY	EVERGREEN			27

ZONING TABLE

TMS #	122-00-05-100
PIN #	338-09-02-0012
CURRENT OWNER	HORRY COUNTY BOARD OF EDUCATION
ZONING	HIGHWAY COMMERCIAL
OVERLAY	GATEWAY OVERLAY
AREA	7.60 ACRES±
	331,078 SQ.FT.±
BUILDING USE	
BUILDING A	5,034 SQ.FT. OFFICE SPACE
BUILDING B	3,790 SQ.FT. WAREHOUSE
PARKING REQUIRED	1 SPACE PER 300 SQ.FT. (OFFICE)
	1 SPACE PER 1500 SQ.FT. (STORAGE)
	20 SPACES REQUIRED
PARKING PROVIDED	3 ACCESSIBLE SPACES
	19 STANDARD SPACES
	22 SPACES PROVIDED

SEQUENCE OF CONSTRUCTION ACTIVITY

- OBTAIN ALL PERMITS REQUIRED.
- MOBILIZATION ON-SITE
- INSTALL CONSTRUCTION ENTRANCE, SILT FENCE, AND TREE PROTECTION.
- EXCAVATE RETENTION POND.
- INSTALL DRAINAGE SYSTEM & INLET PROTECTION.
- INSTALL UTILITY LINES.
- INSTALL SIDEWALKS AND PAVEMENT BASE.
- FINE GRADE LANDSCAPE AREAS.
- PAVEMENT INSTALLATION.
- SEEDING, SODDING, AND INSTALLATION OF LANDSCAPE.
- FINAL SITE CLEANUP.
- REMOVAL OF EROSION CONTROL DEVICES AFTER STABILIZATION.

***TYPE "A" LANDSCAPE BUFFER PLANT SCHEDULE:**

SYMBOL	COMMON NAME	COMMON NAME	SPACING	SIZE @ PLANTING	TOTAL
	UNDERSTORY TREES		2 PER 100'	MIN. 6"-8" HEIGHT	20
(YH)	YAUPON HOLLY	EVERGREEN			10
(CM)	GRAPE MYRTLE	EVERGREEN			10
	TALL SHRUBS		18 PER 100'	MIN. 3.0" HEIGHT	180
(IH)	INDIAN HAWTHORNE	EVERGREEN			180

ADD ALTERNATE
INSTALL 6 LIVE
OAKS (4" CALIPER)

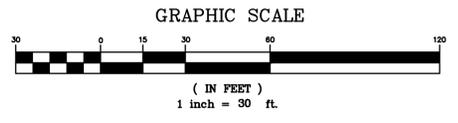
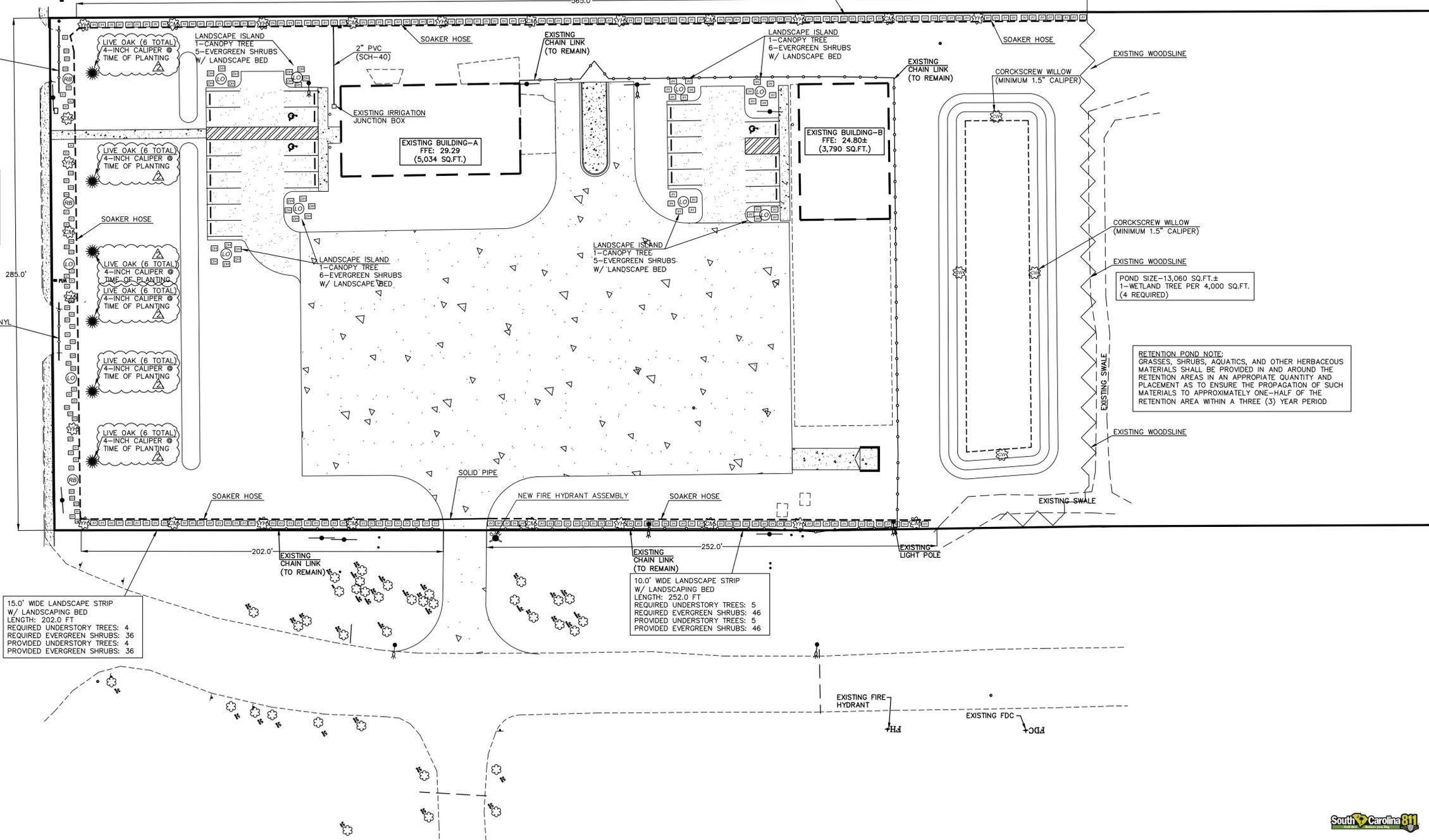
10.0' WIDE LANDSCAPE STRIP
W/ LANDSCAPING BED
LENGTH: 565.0 FT
REQUIRED UNDERSTORY TREES: 11
REQUIRED EVERGREEN SHRUBS: 101
PROVIDED UNDERSTORY TREES: 11
PROVIDED EVERGREEN SHRUBS: 101

15.0' WIDE STREETSCAPE
W/ LANDSCAPING BED
LENGTH: 285.0 FT
REQUIRED CANOPY TREES: 5
REQUIRED UNDERSTORY TREES: 5
REQUIRED EVERGREEN SHRUBS: 51
PROVIDED CANOPY TREES: 5
PROVIDED UNDERSTORY TREES: 5
PROVIDED EVERGREEN SHRUBS: 55

15.0' WIDE LANDSCAPE STRIP
W/ LANDSCAPING BED
LENGTH: 202.0 FT
REQUIRED UNDERSTORY TREES: 4
REQUIRED EVERGREEN SHRUBS: 36
PROVIDED UNDERSTORY TREES: 4
PROVIDED EVERGREEN SHRUBS: 36

10.0' WIDE LANDSCAPE STRIP
W/ LANDSCAPING BED
LENGTH: 252.0 FT
REQUIRED UNDERSTORY TREES: 5
REQUIRED EVERGREEN SHRUBS: 46
PROVIDED UNDERSTORY TREES: 5
PROVIDED EVERGREEN SHRUBS: 46

RETENTION POND NOTE:
GRASSES, SHRUBS, AQUATICS, AND OTHER HERBACEOUS MATERIALS SHALL BE PROVIDED IN AND AROUND THE RETENTION AREAS IN AN APPROPRIATE QUANTITY AND PLACEMENT AS TO ENSURE THE PROPAGATION OF SUCH MATERIALS TO APPROXIMATELY ONE-HALF OF THE RETENTION AREA WITHIN A THREE (3) YEAR PERIOD



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HCS
 Horry County Schools

PROPOSED LANDSCAPING PLAN

CHS BUS TRAINING
 NEW TRAINING PAD & SITE IMPROVEMENTS
 ADDRESS: 2205 CHURCH ST., CONWAY, SC 29526
 PREPARED FOR: HORRY COUNTY SCHOOL DISTRICT

SCALE: SEE PLAN
 JOB NO. CHS-BUS
 DESIGNED BY: M.NORRIS
 DRAWN BY: M.NORRIS
 CHECKED BY: D.NORRIS
 DATE: NOV. 4, 2021

NO.	REVISIONS	DATE

SHEET NUMBER:
L1
 9 OF 10

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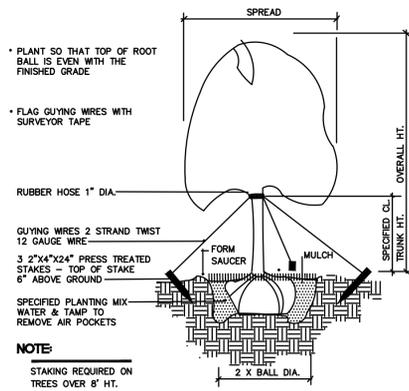


LANDSCAPE NOTES:

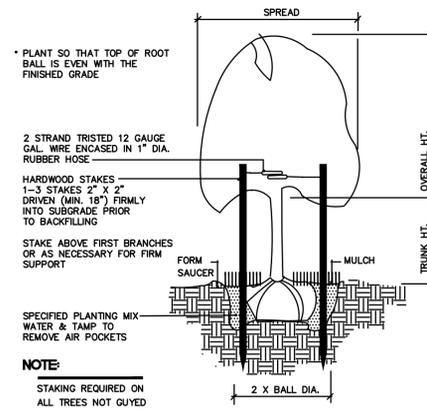
- L/1 - ALL NEWLY INSTALLED TREES SHALL BE PROPERLY STAKED. SEE DETAIL THIS SHEET
- L/2 - ALL PLANT MATERIAL SHALL MEET THE STANDARDS OF THE AMERICAN NURSERYMENS ASSOCIATION.
- L/3 - PLACEMENT OF ALL PLANT MATERIAL IN THE FIELD MUST BE INSPECTED AND APPROVED PRIOR TO INSTALLATION.
- L/4 - ALL PLANTED BEDS SHALL BE BROUGHT UP TO WITHIN 1" OF FINISHED GRADE WITH APPROVED TOPSOIL (SEE NOTE L/9) AND COVERED WITH MULCH.
- L/5 - THE LANDSCAPE CONTRACTOR SHALL INSURE THAT ALL BERMING AND GRADING OPERATIONS ARE COMPLETE PRIOR TO BEGINNING INSTALLATION OF PLANT MATERIAL.
- L/6 - LANDSCAPE CONTRACTOR SHALL COORDINATE ALL RELATED TRADES (IRRIGATION, LANDSCAPE LIGHTING, ETC.) TO AVOID CONFLICTS DURING INSTALLATION PROCEDURES.
- L/7 - ALL PLANT MATERIAL (NEW) SHALL BE GUARANTEED FOR A ONE YEAR PERIOD FOLLOWING ACCEPTANCE BY THE OWNER. ALL REPLACEMENTS SHALL ALSO RECEIVE THIS SAME GUARANTEE.
- L/8 - QUANTITIES INDICATED ON THE PLANS ARE FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO SUBMITTING BID.
- L/9 - TOPSOIL PLACED IN LANDSCAPED AREAS SHALL BE A SANDY LOAM, FRIABLE AND FERTILE IN NATURE, WITH NO GREATER THAN 25% CLAY CONTENT. IT SHALL BE FREE OF CLDS, ROOTS, GRAVEL AND INERT MATERIAL. IT SHALL CONTAIN NO NOXIOUS VEGETATION OR REGENERATIVE MATERIAL. THE CONTRACTOR SHALL INCLUDE THE COST OF TOPSOIL IN HIS UNIT PRICES FOR EARTHWORK.

CONSTRUCTION NOTES:

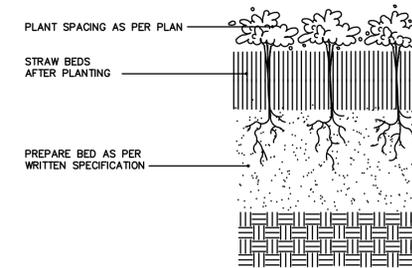
1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES REGARDING LANDSCAPING.
2. THE GENERAL CONTRACTOR IS TO CLEAN & RAKE LANDSCAPE AREA.
3. THE CONTRACTOR SHALL APPLY 2" OF LANDSCAPE GRADE TOP SOIL IN PLANTING AREAS. PLANT GRASS SEED AND SPREAD STRAW OVER ALL SEEDED AREAS.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH A HEALTHY STAND OF GRASS ON ALL SEEDED AREAS.
5. IN THE EVENT OF PLANTING BEDS AND MULCH ARE REQUIRED, THE CONTRACTOR SHALL INSTALL BLACK FABRIC MESH UNDER THE MULCH TO PREVENT WEED GROWTH.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WATERING AND THE MAINTENANCE OF ALL LANDSCAPED AREAS UNTIL THIRTY (30) DAYS FOLLOWING THE PLANTING OF THE GRASS, TREES, AND SHRUBS.



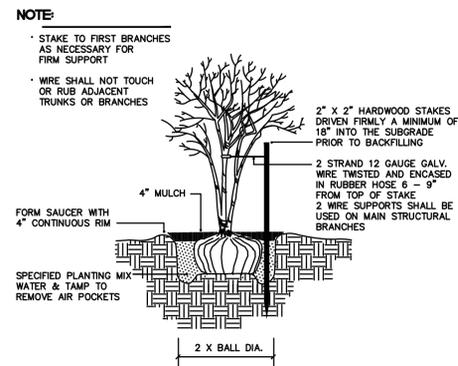
A TREE PLANTING-GUY WIRES
N.T.S.



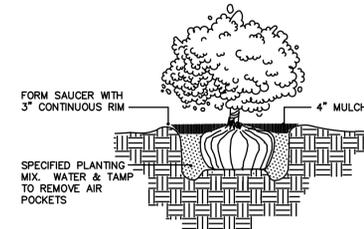
B TREE PLANTING-STAKES
N.T.S.



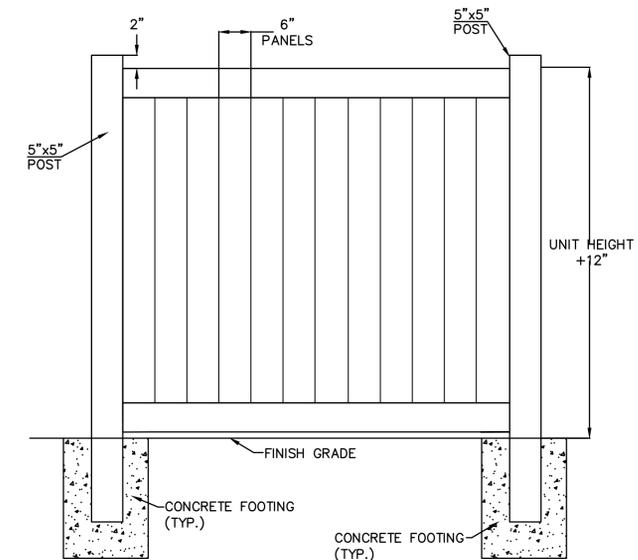
D GROUND COVER PLANTING
N.T.S.



C MULTI-TRUNK TREE STAKING
N.T.S.



E SHRUB PLANTING DETAIL
N.T.S.



DUMPSTER ENCLOSURE DETAIL
NOT TO SCALE

HYDROSEEDING SHALL BE A MIXTURE AS FOLLOWS: 1200 LBS/ACRE OF WOOD/FIBER MULCH; 50 LBS/ACRE OF CARPET GRASS; 150 LBS/ACRE OF RYE GRASS; 40 LBS/ACRE OF BERMUDA GRASS; AND 400 LBS/ACRE OF 10/10/10 FERTILIZER.

MAINTENANCE NOTE:

1. HOSE BIBS SHALL BE INSTALLED AT SPECIFIC LOCATIONS TO BE WITHIN A MINIMUM OF 100 FT OF ALL LANDSCAPING AND MUST BE OPERATIONAL BEFORE ATTAINING FINAL APPROVAL FROM CITY OF CONWAY.

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PROPOSED LANDSCAPING DETAILS
CHS BUS TRAINING
NEW TRAINING PAD & SITE IMPROVEMENTS
ADDRESS: 2205 CHURCH ST., CONWAY, SC 29526
PREPARED FOR:
HORRY COUNTY SCHOOL DISTRICT

SCALE: SEE PLAN
JOB NO. CHS-BUS
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DRAWN BY: M.NORRIS
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Professional Engineer Seal: D. Norris, State of South Carolina, No. 19001

Professional Engineer Seal: M. Norris, State of South Carolina, No. 19001

11/04/2021

SHEET NUMBER:
L2
10 OF 10