GENERAL NOTES

1. THIS PROJECT SHALL COMPLY WITH THE TOWN OF SHALLOTTE DEVELOPMENT STANDARDS.
2. THIS PROJECT SHALL COMPLY WITH THE TOWN OF SHALLOTTE STORMWATER MANAGEMENT ORDINANCE AND MUST BE ISSUED A STORMWATER PERMIT FROM THE TOWN OF SHALLOTTE.
3. THIS PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF THE BRUNSWICK COUNTY FIRE MARSHALL.
4. ANY MINOR DEVIATION TO THIS PLAN SHALL REQUIRE APPROVAL OF THE LOCAL ADMINISTRATOR. ANY MAJOR DEVIATION TO THIS PLAN SHALL REQUIRE APPROVAL OF ALL REGULATING AGENCIES AND BODIES.
5. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, COVENANTS, RESTRICTIONS, RIGHT-OF-WAYS OF RECORD, GOVERNMENTAL ORDINANCES AND/OR REQUIREMENTS WHICH MAY LIMIT THE USE OF THIS PROPERTY.
6. THIS PLAN DOES NOT GUARANTEE THE EXISTENCE OF UNDERGROUND UTILITIES. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF OR THE NON-EXISTENCE OF UNDERGROUND UTILITIES (HORIZONTAL AND VERTICAL). WHERE CONFLICTS OCCUR, THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
7. OWNER AND OWNER'S CONTRACTOR SHALL COORDINATE WITH ALL FRANCHISE UTILITIES REGARDING THE RELOCATION OF EXISTING AND PROPOSED UTILITIES AS REQUIRED.
8. THIS DRAWING REFLECTS THE CONDITIONS AT THE TIME OF SURVEY AND MAY NOT REPRESENT CURRENT CONDITIONS.
9. THIS PLAN IS NOT INTENDED AS A SUBSTITUTE FOR THE PERSONAL INVESTIGATION, INDEPENDENT INTERPRETATION, & JUDGEMENT OF THE CONTRACTOR.
10. ALL PROPOSED HVAC UNITS SHALL BE SCREENED AND SHALL NOT ENCROACH MORE THAN 4' FEET INTO ANY YARD SETBACK.
11. ALL ROADWAY AND PARKING SIGNAGE AND STRIPING SHALL BE IN ACCORDANCE WITH THE LATEST TOWN UDO.
12. TRAFFIC CONTROL SHALL BE IN COMPLIANCE WITH THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES (2018), ROADWAY STANDARD DRAWINGS (2018), AND THE TOWN UDO.
13. ALL PROPOSED SIGNS ON THE PROPERTY WILL REQUIRE A SEPARATE PERMIT ISSUED BY THE TOWN OF SHALLOTTE.
14. THIS SITE HAS BEEN EVALUATED FOR THE EXISTENCE OF 404 WETLANDS.
15. A TREE SURVEY WAS PERFORMED FOR THIS SITE.
16. ALL INTERIOR PLANTINGS SHALL BE BLOCKED FOR PROTECTION.
17. A MIN. 3 FOOT CLEARANCE ZONE SHALL BE PROVIDED AROUND ALL WATER METERS, SEWER PUMP STATIONS, FIRE HYDRANTS, AND ALL OTHER PUBLIC UTILITY APPARATUS AS APPLICABLE TO THIS PROJECT.
18. THIS PROJECT SHALL COMPLY WITH THE TOWN OF SHALLOTTE LANDSCAPING AND BUFFERING STANDARDS.
19. ALL PROPOSED LIGHTING SHALL BE INTERNALLY ORIENTED. LIGHTING PLAN PREPARED BY OTHERS.
20. ANY ASPHALT, CONCRETE, CURB, GUTTER, UTILITIES, ETC. DAMAGED DURING CONSTRUCTION OR DEMOLITION IS TO BE REPLACED WITH SAME BY CONTRACTOR AT THE CONTRACTORS EXPENSE.
21. ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF IN A LAWFUL MANNER.

GENERAL WATER & PRESSURE SEWER NOTES

1. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY ASSOCIATED WITH THE WORK RELATED TO THIS PROJECT AND FOR COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL HEALTH AND SAFETY LAWS, CODES, REGULATIONS, AND ORDINANCES INCLUDING BUT NOT LIMITED TO THOSE CURRENTLY MANDATED BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSH).
2. PIPE SHALL BE LAID IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS AND THE PROJECT DRAWINGS AND TECHNICAL SPECIFICATIONS. SHOULD A DISCREPANCY EXIST BETWEEN THE MANUFACTURERS RECOMMENDATIONS AND THE PROJECT DRAWINGS AND TECHNICAL SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL CONTROL.
3. ALL MATERIALS SHALL BE IN COMPLIANCE WITH THE PROJECT TECHNICAL SPECIFICATIONS.
4. TRENCH SHALL BE DUG WHEN LAYING PIPE AND ENDS PLUGGED WHEN LAYING IS DISCONTINUED. ANY WATER FROM THE EXCAVATION SHALL BE DISPOSED OF IN SUCH A MANNER THAT THE NATURAL DRAINAGE OF THE AREA SHALL NOT BE DISTURBED.
5. TRENCH BACKFILL IS TO BE FREE OF STONES AND ANY FOREIGN MATERIAL, AND SHALL BE PLACED IN SIX (6) INCH LAYERS COMPACTED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS.
6. DETECTABLE TERRA TAPE D IS TO BE INSTALLED APPROXIMATELY 18" BELOW FINISHED GRADE AND DIRECTLY OVER ALL PIPE. 12 GAUGE STRANDED OR BRAIDED COPPER WIRE SHALL BE AFFIXED TO ALL PVC AND PE PIPE AND TIED OFF ON VALVE AND HYDRANT LEGS.
7. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES (HORIZONTAL & VERTICAL) PRIOR TO DIGGING, WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. UNDERGROUND UTILITY LOCATIONS, IF SHOWN ON THE PLANS, ARE BASED UPON THE BEST AVAILABLE INFORMATION AND SHOULD BE CONSIDERED ONLY AS APPROXIMATE.
8. WATER LINES AND SEWER LINES SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON THE PROJECT DRAWINGS UNLESS OTHERWISE APPROVED BY THE TOWN AND THE ENGINEER IN ADVANCE OF INSTALLATION.
9. THE MINIMUM DEPTH OF BURY SHALL BE THREE (3) FEET FROM THE TOP OF PIPE UNLESS OTHERWISE NOTED ON THE PLANS.
10. ALL FITTINGS INCLUDING REDUCERS SHALL BE BLOCKED AS SPECIFIED AND AS SHOWN ON THE DETAILS AND WITHIN THE PROJECT TECHNICAL SPECIFICATIONS.
11. ABSOLUTELY NO WORK SHALL BE PERFORMED ON PRIVATE PROPERTY BEYOND ANY AREA WHICH EASEMENTS ARE TO BE PROVIDED BY THE OWNER AND DEDICATED TO BRUNSWICK COUNTY OR THE TOWN OF SHALLOTTE.
12. CONCRETE THRUST BLOCKING SHALL NOT OBSTRUCT WEEP HOLES ON ANY FIRE HYDRANT ASSEMBLY, STEEL CASING PIPE, OR BOLTS ON ANY FITTINGS.
13. WATER IN EXCESS OF THAT REQUIRED TO PRESSURE TEST, FLUSH, CHLORINATE AND REFLUSH MORE THAN ALLOWED BY THE TECHNICAL SPECIFICATIONS SHALL BE PAID FOR BY THE CONTRACTOR. EXCESS QUANTITIES SHALL BE ESTIMATED BY THE ENGINEER.
14. THE WORK SHALL BE ARRANGED IN A MANNER THAT WILL CAUSE MINIMUM DISTURBANCE TO VEHICULAR AND PEDESTRIAN TRAFFIC. ADEQUATE INGRESS AND EGRESS TO BOTH PRIVATE AND PUBLIC PROPERTY SHALL BE PROVIDED BY THE CONTRACTOR DURING ALL STAGES OF CONSTRUCTION. WITHOUT WRITTEN APPROVAL FROM BRUNSWICK COUNTY, THE TOWN OF SHALLOTTE OR UTILITY COMPANY, EXISTING SERVICES SHALL NOT BE INTERRUPTED BY THE CONSTRUCTION WORK. ANY PAVED AREAS UTILIZING OPEN-CUT AND PATCH SHALL BE REPAIRED THE SAME DAY AS CONSTRUCTION OCCURS. ABSOLUTELY NO OPEN TRENCHES SHALL BE LEFT OVERNIGHT.
15. THE DEVELOPER'S CONTRACTOR SHALL INSTALL A WATER SERVICE ASSEMBLY AND SEWER SERVICE ASSEMBLY TO EACH LOT TO BE SERVED AS SHOWN ON THE DETAILS. THE TOWN OF SHALLOTTE SHALL PROVIDE THE WATER SERVICE METER.
16. THE CONTRACTOR SHALL CONTACT BRUNSWICK COUNTY AND THE TOWN OF SHALLOTTE UTILITIES DEPARTMENT AND THE ENGINEER A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION. CONNECTION TO THE EXISTING TOWN WATER LINE AND COUNTY SEWER LINE SHALL BE PERFORMED BY THE CONTRACTOR UNDER THE SUPERVISION OF THE COUNTY, THE TOWN AND THE ENGINEER'S REPRESENTATIVE.
17. THE CONTRACTOR SHALL KEEP THE ENGINEER INFORMED RELATIVE TO THE PROGRESS OF THE CONSTRUCTION. THE ENGINEER SHALL OBSERVE CONSTRUCTION ACTIVITIES AS REQUIRED BY NORTH CAROLINA GENERAL STATUTES 130A-[illegible]. FAILURE OF THE CONTRACTOR TO KEEP THE ENGINEER INFORMED MAY REQUIRE UNCOVERING OF WORK TO VERIFY COMPLIANCE WITH PLANS AND SPECIFICATIONS. ANY COST ASSOCIATED WITH UNCOVERING WORK AND/OR VERIFYING COMPLIANCE SHALL BE BORNE BY THE CONTRACTOR.
18. UTILITY TRENCHES WITHIN THE ROADWAY SHALL BE BACKFILLED WITH A MINIMUM [illegible] MATERIAL.
19. CONTRACTOR MUST MAINTAIN 10' HORIZONTAL SEPARATION BETWEEN WATER LINES AND PRESSURE SEWER LINES UNLESS THE 18" VERTICAL SEPARATION BETWEEN WATER LINE OVER PRESSURE SEWER LINE HAS BEEN MET. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 24" VERTICAL SEPARATION BETWEEN SEWER LINES AND STORM DRAINAGE PIPES.
20. ALL GRINDER PUMP STATIONS AND PRESSURE SEWER LINES/SEWER FORCE MAINS SHALL BE A MINIMUM OF 50' FROM ALL WETLAND AREAS, AND MIN. 10' FROM ANY PONDS. IF THE MINIMUM OF 50' SEPARATION BETWEEN WETLAND AREAS AND PRESSURE SEWERLINE/SEWER FORCE MAIN CANNOT BE MET THEN ALL PRESSURE SEWER LINES/SEWER FORCE MAINS WITHIN THE MINIMUM 50' SEPARATION SHALL BE INSTALLED AND TESTED TO MEET WATERMAIN STANDARDS. SEE TECHNICAL SPECIFICATIONS FOR WATER MAIN TESTING STANDARDS.
21. SIMPLEX GRINDER PUMP STATIONS SHALL HAVE A WATER TIGHT SEAL TOP UNLESS THE TOP OF EACH STATION IS AT OR ABOVE A MINIMUM ELEVATION OF 2' ABOVE THE 100-YEAR BASE FLOOD ELEVATION. THE VENT PIPE FOR EACH OF THESE STATIONS SHALL BE EXTENDED TO AND THE BASE OF EACH CORRESPONDING CONTROL PANEL SHALL BE SET AT A MINIMUM ELEVATION OF 2' ABOVE THE 100-YEAR BASE FLOOD ELEVATION.
22. ALL WATER MAINS SHALL BE CONSTRUCTED OF [illegible] EXCEPT WHEN DR, HDPE, OR FUSIBLE PVC MAINS ARE REQUIRED AND SHALL BE DR-18 MINIMUM. → Rolled type K copper
23. FOUR (4) INCH THROUGH TWELVE (12) INCH PVC MAINS SHALL BE AWWA C900 CLASS 150 (DR-18) AND SHALL BEAR THE SEAL OF THE NSF. JOINTS SHALL CONFORM TO ASTM D3139 OR ASTM D3212.
24. 36" MIN. COVER SHALL BE PROVIDED OVER ALL PROPOSED WATER MAINS.
25. 36" MIN. COVER SHALL BE PROVIDED OVER PROPOSED WATER SERVICE LINES LOCATED UNDER TRAFFIC AREAS. 24" TYP. COVER SHALL BE PROVIDED OVER PROPOSED WATER SERVICE LINES LOCATED OUTSIDE OF TRAFFIC AREAS.
26. THE CONTRACTOR SHALL INSTALL RESTRAINED JOINTS IN ACCORDANCE WITH THE LATEST TOWN OF SHALLOTTE SPECIFICATIONS FOR WATER & SEWER SYSTEMS AND MANUFACTURER'S RECOMMENDATIONS. THE RESTRAINED JOINT SYSTEM SHALL BE MANUFACTURER'S STANDARD OR APPROVED EQUAL.

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS FOR THE CONSTRUCTION OF AN AUTOMATIC CARWASH WITH VACUUM STALLS.

ADJACENT PROPERTY

THE PARCEL IS BOUND ON THE SOUTH AND WEST BY SH-MF-14, ON THE NORTH BY SH-HB, ON THE EAST BY SH-B-2.

EXISTING SITE CONDITIONS

THE EXISTING SITE IS CURRENTLY UNDEVELOPED WOODLAND AND GRASSY AREAS. THE OWNER PLANS ERECT AN AUTOMATIC CAR WASH. THE SITE DISTURBS APPROXIMATELY 1.5 ACRES OF LAND. AN EROSION CONTROL PLAN WILL BE IN PLACE PRIOR TO ANY LAND DISTURBING ACTIVITY AND WILL REMAIN IN EFFECT UNTIL THE PROJECT IS COMPLETED AND THE SURROUNDING AREA STABILIZED. CARE WILL BE TAKEN TO ENSURE THAT SEDIMENT WILL NOT BE TRANSPORTED OFF THE SITE TO THE GREATEST EXTENT POSSIBLE.

OFF-SITE AREAS

THE PROPOSED OFF-SITE AREAS OF WORK FOR THIS PROJECT WILL BE PRESSURE SEWER TIE IN TO AN EXISTING PRESSURE SEWER LINE WITHIN THE RIGHT OF WAY ON US 17 BUSINESS (MAIN STREET) IN SHALLOTTE. THERE ALSO BE A TIE IN TO A PROPOSED WATER LINE ONCE INSTALLED ALONG THE RIGHT OF WAY ON US 17 BUSINESS.

GENERAL PERMIT NCG 010000 GROUND STABILIZATION NOTES

1. SOIL STABILIZATION SHALL BE ACHIEVED ON ANY AREA OF A SITE WHERE LAND DISTURBING ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED ACCORDING TO THE FOLLOWING SCHEDULE:
2. ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 7 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY.
3. ALL OTHER DISTURBED AREAS SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 14 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY.
4. CONDITIONS - IN MEETING STABILIZATION REQUIREMENTS ABOVE, THE FOLLOWING CONDITIONS OR EXEMPTIONS SHALL APPLY:
5. EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE.
6. ALL SLOPES 50' IN LENGTH OR GREATER SHALL APPLY THE GROUND COVER WITHIN 7 DAYS EXCEPT WHEN THE SLOPE IS FLATTER THAN 4:1. SLOPES LESS THAN 50' SHALL APPLY GROUND COVER WITHIN 14 DAYS EXCEPT WHEN SLOPES ARE STEEPER THAN 3:1, THE 7 DAY REQUIREMENT APPLIES.
7. ANY SLOPED AREA FLATTER THAN 4:1 SHALL BE EXEMPT FROM THE 7 DAY GROUND COVER REQUIREMENT.
8. SLOPES 10' OR LESS IN LENGTH SHALL BE EXEMPT FROM THE 7 DAY GROUND COVER REQUIREMENT EXCEPT WHEN THE SLOPE IS STEEPER THAN 2:1.
9. ALTHOUGH STABILIZATION IS USUALLY SPECIFIED AS GROUND COVER, OTHER METHODS, SUCH AS CHEMICAL STABILIZATION, MAY BE ALLOWED ON A CASE-BY-CASE BASIS.
10. FOR PORTIONS OF PROJECTS WITHIN THE SEDIMENT CONTROL COMMISSION DEFINED "HIGH QUALITY WATER ZONE" (15A NCAC 04A. 0105), STABILIZATION WITH GROUND COVER SHALL BE ACHIEVED AS SOON AS PRACTICABLE BUT IN ANY EVENT ON ALL AREAS OF THE SITE WITHIN 7 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY.
11. PORTIONS OF A SITE THAT ARE LOWER IN ELEVATION THAN ADJACENT DISCHARGE LOCATIONS AND ARE NOT EXPECTED TO DISCHARGE DURING CONSTRUCTION MAY BE EXEMPT FROM THE TEMPORARY GROUND COVER REQUIREMENTS IF IDENTIFIED ON THE APPROVED E&SC PLAN OR ADDED BY THE PERMITTING AUTHORITY.

SEEDING SCHEDULES

PERMANENT SEEDING SCHEDULE

ALL DISTURBED AREAS SHALL BE STABILIZED WITH A PERMANENT VEGETATIVE COVER WITHIN 21 CALENDAR DAYS. THE CONTRACTOR MAY USE METHODS AND SCHEDULES SHOWN BELOW; HOWEVER, IT IS RECOMMENDED THAT THE CONTRACTOR CONSULT A SPECIALIST WITH ATTENTION GIVEN TO SITE SPECIFIC CONDITIONS.

1. CULTIVATE AREA TO A DEPTH OF 5".
2. APPLY AGRICULTURAL LIME AT THE RATE OF 4000 LBS. PER ACRE.
3. APPLY 10-20-20 COMMERCIAL FERTILIZER AT THE RATE OF 500 LBS PER ACRE.
4. SOW GRASS SEEDS AT THE FOLLOWING RATES:

	TYPE	RATE PER ACRE
4.1.	COMMON BERMUDA GRASS (UNHULLED)	20 LBS.
4.2.	COMMON BERMUDA GRASS (HULLED)	12 LBS.
4.3.	PENSACOLA BAHIA GRASS	50 LBS.
4.4.	KOREAN LESPEDEZA	25 LBS
4.5.	TALL FESCUE	30 LBS.

5. E. MULCH WITH STRAW AT THE RATE OF 3250 TO 4350 LBS PER ACRE.

AS THE PROJECT AREA IS BEING OPENED UP AND THE EROSION CONTROL MEASURES INSTALLED, THE CONTRACTOR SHALL START A REGULAR MAINTENANCE SCHEDULE AS OUTLINED IN THE MAINTENANCE PLAN.

TEMPORARY SEEDING SCHEDULE

THE CONTRACTOR MAY USE METHODS AND SCHEDULES SHOWN BELOW; HOWEVER, IT IS RECOMMENDED THAT THE CONTRACTOR CONSULT A SPECIALIST WITH ATTENTION GIVEN TO SITE SPECIFIC CONDITIONS.

WINTER AND EARLY SPRING

TYPE	RATE (lb/acre)
RYE (GRAIN)	120
ANNUAL LESPEDEZA	50

KOBE IN PIEDMONT AND COASTAL PLAIN FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY [illegible] LB/ACRE GROUND AGRICULTURE LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER

SUMMER

TYPE	RATE (lb/acre)
GERMAN MILLET	[illegible]

FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,00 LB/ACRE GROUND AGRICULTURE LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER

FALL

TYPE	RATE (lb/acre)
GERMAN MILLET	[illegible]

FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,00 LB/ACRE GROUND AGRICULTURE LIMESTONE AND 1000 LB/ACRE 10-10-10 FERTILIZER

MULCH WITH STRAW AT THE RATE OF 4000 LB/ACRE.

THE CONTRACTOR SHALL START A REGULAR MAINTENANCE SCHEDULE AS OUTLINED IN THE MAINTENANCE PLAN.

SEQUENCE OF CONSTRUCTION

1. ACQUIRE ALL NECESSARY PERMITS AND APPROVALS.
2. SET UP A PRE-CONSTRUCTION MEETING WITH THE PLAN APPROVING AUTHORITY AND INSPECTOR AT LEAST ONE WEEK PRIOR TO STARTING ANY LAND DISTURBING ACTIVITY.
3. INSTALL TEMPORARY CONSTRUCTION ENTRANCE(S). THE STONE AREA OF THE CONSTRUCTION ENTRANCE IS TO BE CHECKED REGULARLY TO ENSURE IT IS SUFFICIENT TO REDUCE TRACKING OF MATERIAL OFF SITE. ANY AND ALL MATERIAL OR DEBRIS TRACKED ONTO A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND MAY BE TRANSPORTED TO A SEDIMENT CONTROLLED DISPOSAL AREA. LOCATION OF CONSTRUCTION ENTRANCE(S) SHOWN ON THIS PLAN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO INSTALLATION. CONSTRUCTION ENTRANCE(S) SHALL NOT BE LOCATED WITHIN (3) FEET OF WATER METERS, SEWER CLEANOUTS, TRANSFORMERS, LIGHT POLES, FIRE HYDRANTS, & ANY OTHER ABOVE GROUND APPURTENANCES.
4. ESTABLISH A WORKING PERIMETER WITH SILT FENCE AND TREE PROTECTION. SILT FENCE AND TREE PROTECTION ARE TO BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALF WAY TO THE TOP OF THE BARRIER. WHERE PUBLIC SIDEWALK EXISTS, CONTRACTOR SHALL ENSURE LOCATION DOES NOT IMPEDE PEDESTRIAN TRAFFIC.
5. ALL AREAS OUTSIDE OF LIMITS OF DISTURBANCE ARE NOT TO BE DISTURBED & SHALL BE LEFT IN A NATURAL STATE.
6. INSTALL CULVERT INLET AND/OR OUTLET PROTECTION ON ALL STORMWATER CONVEYANCE SYSTEMS RECEIVING RUNOFF FROM CONSTRUCTION ACTIVITIES.
7. INSTALL STORMWATER CONVEYANCE SYSTEMS AND INSTALL TEMPORARY SEDIMENT TRAPS(S) AND ROCK CHECK DAM(S) IN ALL STORMWATER CONVEYANCE SYSTEMS RECEIVING RUNOFF FROM CONSTRUCTION ACTIVITIES. CHECK REGULARLY FOR SETTLEMENT, EROSION, AND DISPLACEMENT OF RIP RAP. REPAIR OR REPLACE IMMEDIATELY. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES ONE HALF OF THE DESIGN DEPTH.
8. ALL E&S MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE LATEST NC E&S CONTROL PLANNING AND DESIGN MANUAL. THESE E&S MEASURES SHALL BE INSTALLED BEFORE CONSTRUCTION AND MAINTAINED UNTIL FINAL VEGETATIVE COVER IS ESTABLISHED. E&S MEASURES ARE TO BE CHECKED WEEKLY UNLESS OTHERWISE SPECIFIED AND AFTER EACH SIGNIFICANT RAINFALL EVENT.
9. DO ALL WORK REQUIRED TO CLEAR THE SITE, REMOVING EXISTING FACILITIES AS REQUIRED TO PREPARE THE SITE FOR CONSTRUCTION.
10. ESTABLISH AREAS OF STAGING & STOCKPILE WITHIN LIMITS OF CONSTRUCTION. STAGING & STOCKPILE AREAS MAY NOT BE LOCATED WITHIN AREAS OF ENVIRONMENTAL CONCERN. TEMPORARILY SEED STOCKPILE.
11. ROUGH GRADE ROADWAY AND ONLY THE PORTION OF LOTS NECESSARY FOR THE COMPLETION OF CONSTRUCTION OF DRIVEWAYS, ROADWAYS, STORMWATER CONVEYANCE, AND UTILITY INSTALLATIONS.
12. TEMPORARY WORKING ELEVATIONS ARE TO BE DETERMINED BY THE GENERAL CONTRACTOR. INSTALL TEMPORARY DRAINAGE MEASURES AS NEEDED THROUGHOUT CONSTRUCTION TO ENSURE THE SITE DRAINS AND TO PREVENT PONDING OF WATER AND SOIL EROSION AS SITE CONDITIONS CHANGE.
13. INSTALL UNDERGROUND UTILITIES AND STORM DRAINAGE, PROVIDING APPROVED SEDIMENT PROTECTION AT NEW DRAINAGE CONVEYANCE STRUCTURES AS REQUIRED, INCLUDING CULVERT INLET AND/OR OUTLET PROTECTION.
14. PLACE BASE STONE IN ROADWAY AND SIDEWALK AREAS. CONTRACTOR SHALL VERIFY THAT BASE MEETS ALL MATERIAL, INSTALLATION, & GRADE SPECIFICATIONS AND ENSURE THAT THE BASE IS READY TO SUPPORT THE IMPOSED LOADS.
15. PAVE ROADWAYS AND SIDEWALKS AS REQUIRED. CONTRACTOR SHALL PROTECT THE PAVED AREAS FROM DAMAGE DUE TO SUBSEQUENT CONSTRUCTION ACTIVITIES ON SITE.
16. ESTABLISH FINAL GRADES FOR POSITIVE DRAINAGE.
17. INSTALL PERMANENT BEST MANAGEMENT PRACTICES.
18. INSTALL PERMANENT LANDSCAPING, SEEDING, AND MULCH TRAILS.
19. TREE REMOVAL AND FINAL GRADING OF LOTS SHALL OCCUR AFTER THE COMPLETION OF THE ROADWAYS, STORMWATER CONVEYANCE, AND UTILITY INSTALLATIONS.
20. AFTER USE OF STOCKPILE AREA IS COMPLETED, REMOVE ALL TEMPORARY EQUIPMENT, MATERIALS, & DEBRIS FROM THE SITE.
21. AFTER VEGETATION AND PERMANENT BEST MANAGEMENT STRATEGIES HAVE BEEN ESTABLISHED AND UPON AUTHORIZATION FROM THE DESIGNATED INSPECTOR, REMOVE REMAINING E&S MEASURES WITHIN 30 DAYS AFTER FINAL SITE IS STABILIZED WITH VEGETATIVE COVER.

LEGEND

LABEL	EXISTING SYMBOL	DESCRIPTION	PROPOSED SYMBOL
RBF		REBAR FOUND	
RBS		5/8" REBAR SET	
MNF		MAG NAIL FOUND	
CMF		CONCRETE MON. FOUND	
NCGS		GEODETIC MONUMENT	
MNS		MAG NAIL SET	
EIP		IRON PIPE	
PP		POWER POLE	
OHE		OVERHEAD ELECTRIC	
AU		LIGHT POLE	
WF		WETLAND FLAG	
TP		TELEPHONE PEDESTAL	
TV		CABLE PEDESTAL	
EB		ELECTRICAL PEDESTAL	
	×23.5	SPOT ELEVATION	0.00
		CONTOUR	
		FENCE	
		WOODSLINE	
EP		EDGE OF PAVEMENT	—EP—
R/W	—R/W—	RIGHT OF WAY	
W	---W---	WATER LINE	—W—
HYD		FIRE HYDRANT	
WV		WATER VALVE	
WM		WATER METER	
AIR		AIR RELEASE VALVE	
RED		REDUCER	
FM	---FM---	FORCE MAIN	—FM—
PS	---PS---	PRESSURE SEWER	—PS—
SSCO		CLEANOUT	
GS	---GS---	GRAVITY SEWER	—GS—
SSMH		SEWER MANHOLE	
RCP		REINFORCED CONC. PIPE	
CPP		CORRUGATED PLASTIC PIPE	
CMP		CORRUGATED METAL PIPE	
DT		DITCH	
SW		SWALE	
LC		LIMITS OF CONSTRUCTION	—SF—
SF		SILT FENCE	—SF—
TP		TREE PROTECTION	—TP—
CE		CONSTRUCTION ENTRANCE	
TST		SEDIMENT TRAP	
RCD		ROCK CHECK DAM	

UTILITY PROVIDERS

NATURAL GAS:	N/A	
TELEPHONE:	ATMC	910-754-4311
CABLE TELEVISION:	ATMC	910-754-4311
ELECTRIC:	BEMC	910-754-4391

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Revisions

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NOTES FOR
COOK OUT
SHALLOTTE, NORTH CAROLINA

Date: 03-27-19
Scale: AS SHOWN
Drawn By: MGB
Checked By: JCR/ACL

PRELIMINARY FOR APPROVAL

THIS PLAN IS NOT ISSUED FOR CONSTRUCTION WITHOUT AFFIXED CORPORATE SEAL.

NORTH CAROLINA PROFESSIONAL SEAL 35054 4-5-2019 ENGINEER J. CHRISTIAN RUSSELL

C1.0

ECES PROJECT NO. 2043

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