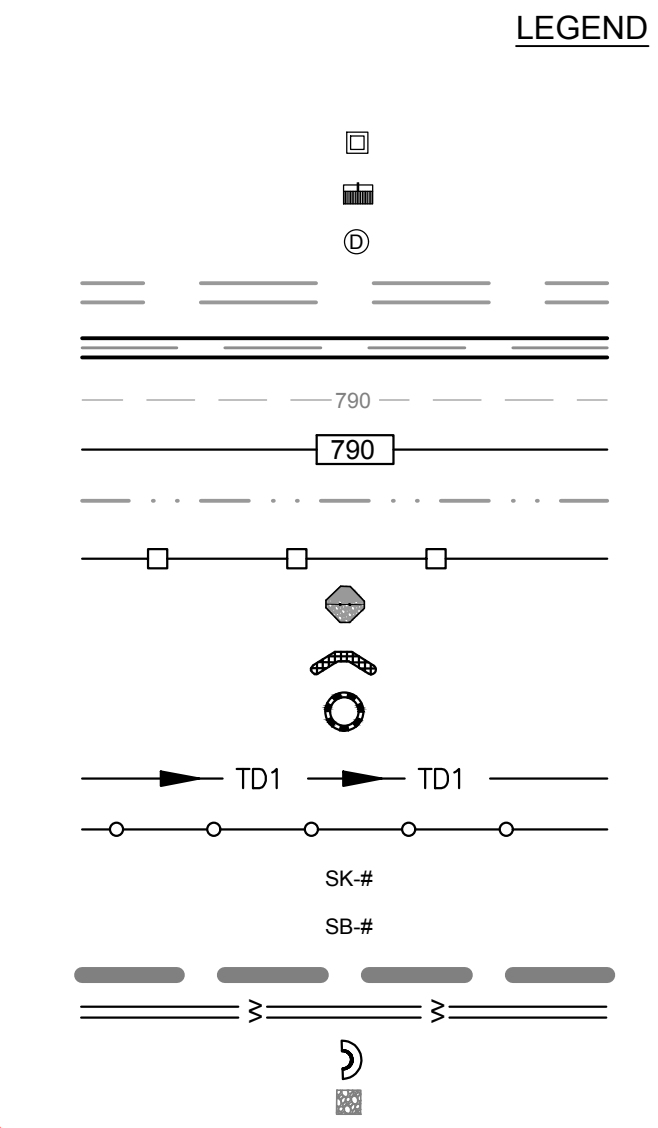


VICINITY MAP  
N.T.S.



- CONTRACTOR IS FULLY RESPONSIBLE FOR CONTACTING APPROPRIATE PARTIES AND ASSURING THAT EXISTING UTILITIES ARE LOCATED PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES USING FLAG MEN, ETC., AS NECESSARY TO INSURE SAFETY.
- ALL PAVEMENT CUTS, CONCRETE OR ASPHALT, ARE TO BE REPLACED ACCORDING TO STANDARDS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION AND LOCAL MUNICIPALITIES.
- SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1926 SUBPART P, OR AS AMENDED.



LEGEND

- PROPOSED DROP INLET
- PROPOSED CATCH BASIN
- PROPOSED JUNCTION BOX
- EXISTING PIPE
- PROPOSED PIPE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING BOUNDARY
- PROPOSED SILT FENCE
- PROPOSED SILT FENCE STONE OUTLETS
- PROPOSED WATTLE
- PROPOSED INLET PROTECTION
- TEMPORARY DIVERSION
- POROUS BAFFLE
- SKIMMER BASIN
- SEDIMENT BASIN
- DENUDED LIMITS
- SLOPE DRAIN
- FILTER BERM
- RIP RAP APRON

**BLUESTONE**  
LAND MANAGEMENT, PLLC

470 NORTH BROAD STREET, SUITE A  
MOORESVILLE, NC 28115  
(704) 649-2863  
bluestone.landmanagement.com  
NC License #: P-1444



NO.	DATE	BY	REVISION
1	10/29/19	JAC	REVISED PER STRC
2	11/15/19	JAC	REVISED PER LINCOLN COUNTY RESOURCES
3	1/4/20	JAC	REVISED ROAD NAME - CALLED IT AN EASEMENT
4	3/12/20	JAC	ADDITIONAL 15.04 ACRES OF DISTURBED AREA
5	4/23/20	JAC	ADDED WATTLES, ADJUSTED SK-1 & SK-2, ADDED RIPRAP
6	4/29/20	JAC	ADJUSTED SK-1 SIZE
7	5/05/20	JAC	UPDATED LAYOUT AND GRADES ON LOT 2
8	6/25/20	JAC	UPDATED GRADES ON LOTS 1, 4, 5, AND 6
9	7/13/20	JAC	PER COUNTY COMMENTS (ADDED DI-10A)

**PRESTIGE BUSINESS PARK**  
DENVER, NORTH CAROLINA

**BBC Industrial, LLC**  
2100 TORRENCE CHAPEL ROAD - SUITE 100  
CONCORD, NC 28027

PROJECT #: 2019-0010 DATE: 8/26/19  
DRAWN BY: JAC CHECKED BY: JAC

TITLE:  
**EROSION CONTROL  
PHASE 2**

SHEET

**C-3.1**

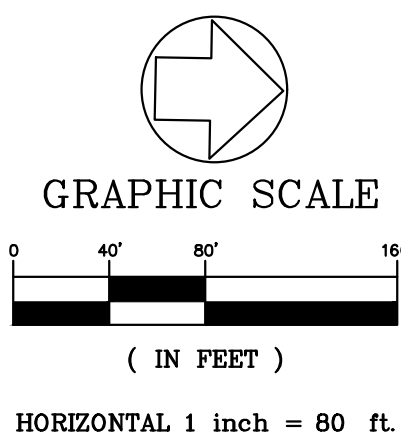
**EROSION CONTROL NOTES:**

- ON-SITE BURIAL PIT LOCATIONS MUST BE DOCUMENTED ON FINAL PLAN.
- GRADING MORE THAN ONE ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION OF THE STATE EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
- STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE SHOWN ON THE PLAN. PER NORTH CAROLINA LAW NO MORE THAN 20 ACRES SHALL BE OPEN AT ANY ONE TIME.
- ALL AREAS ARE TO BE SEED AND MULCHED PER THE NEW STABILIZATION TIMEFRAME TABLE ON SHEET C-3.4.
- ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY THE EROSION CONTROL INSPECTOR.
- MAXIMUM TEMPORARY GRADED SLOPES ARE 2:1. WHEN STEEPER SLOPES MUST BE USED, PLANS SHALL BE SEaled BY A GEOTECHNICAL ENGINEER FOR SLOPE STABILITY AND FINAL SURFACE STABILIZATION.
- ALL WORK IMPACTING STREAMS MUST HAVE APPROPRIATE NCDENR-DWG AND U.S.A.C.E. (401404) PERMITS.
- ALL FLOW FROM PERMANENT / TEMPORARY DITCHES SHOULD BE DIRECTED TOWARDS SEDIMENT TRAPS UNTIL SITE IS COMPLETELY STABILIZED.
- ALL PERMANENT SLOPES STEEPER THAN 3:1 SHALL HAVE EROSION CONTROL MAT EQUIVALENT TO NORTH AMERICAN GREEN SC75.
- DEWATERING OF THE WORK AREA DIRECTLY INTO A STREAM, CREEK, WETLAND, ETC. IS PROHIBITED.
- ALL NOISE GENERATED IN THE NORMAL DAY-TO-DAY OPERATIONS OF THE DEVELOPMENT ACTIVITY SHALL BE LIMITED BETWEEN HOURS OF 7:00 A.M. AND 11:00 P.M.
- ALL STORM DRAIN SYSTEMS MUST DAYLIGHT INTO A BASIN TEMPORARILY UNTIL ALL SURFACE AREA ABOVE THE BASIN IS PERMANENTLY STABILIZED. AT THE TIME OF BASIN CLOSURE THE STORM DRAIN SYSTEM MAY BE COMPLETED.

**MAINTENANCE PLAN:**

- THE FOLLOWING MAINTENANCE PLAN SHALL BE FOLLOWED UNTIL THE SITE IS COMPLETELY STABILIZED AFTER CONSTRUCTION. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL STRUCTURES.
- ALL EROSION CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING ANY RAINFALL PRODUCING RUNOFF AND AT LEAST ONCE EVERY WEEK. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY SO THAT ALL EROSION CONTROL MEASURES ARE MAINTAINED AS DESIGNED.
  - ALL SEEDED AREAS WILL BE FERTILIZED, RESEED AS NECESSARY, AND MULCHED IN ACCORDANCE WITH THE SEEDING SPECIFICATIONS IN ORDER TO MAINTAIN A DENSE VEGETATIVE COVER.
  - SEDIMENT DEPOSITS SHALL BE REMOVED FROM SEDIMENT FENCE AFTER EACH STORM EVENT OR SEDIMENT FENCE SHOULD BE REPLACED. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SEDIMENT FENCE IS REMOVED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEED.
  - SKIMMER/SEDIMENT BASINS SHALL BE CLEANED OUT WHEN THE LEVEL REACHES THE MID-DEPTH POINT BELOW THE WEIR ELEVATION. WASHED STONE SHALL BE CLEANED OR REPLACED WHEN THE BASIN NO LONGER DRAINS PROPERLY.
  - SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND WATTLES AFTER EACH STORM EVENT. ALL WATTLES SHALL BE CHECKED, RESTAKED, OR REPLACED IF NECESSARY.
  - ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY LINCOLN COUNTY.

**BUSINESS NC HWY #16**  
(100' R/W MB 17 PG 382)



LAKE NORMAN LANDFILL INC  
DB 1078 PG 799  
PARCEL #74884

**C.S.X. RAILROAD**  
(60' R/W MB 9 PB 247)

**C.S.X. RAILROAD  
MARSHALL PLANT  
SPUR TRACK**  
(MB 9 PB 247)

**CONSTRUCTION SEQUENCE:**

- OBTAIN GRADING/EROSION CONTROL PLAN APPROVAL FROM LINCOLN COUNTY.
- AFTER OBTAINING APPROVAL OF EROSION CONTROL PLANS APPLY FOR NCG01 CERTIFICATE OF COVERAGE (COC) BEFORE ANY LAND DISTURBING ACTIVITIES CAN OCCUR. THE CERTIFICATE OF COVERAGE CAN BE OBTAINED BY FILING OUT THE ELECTRONIC NOTICE OF INTEND (e-NOI) FORM AT [dep.nc.gov/NCG01](http://dep.nc.gov/NCG01). PLEASE NOTE THE e-NOI FORM MAY ONLY BE FILLED OUT ONCE THE SEDIMENT AND EROSION CONTROL PLAN HAS BEEN APPROVED.
- ONCE COC HAS BEEN RECEIVED PROVIDE A COPY TO THE LINCOLN COUNTY NATURAL RESOURCES DEPARTMENT AND SCHEDULE A PRE-CONSTRUCTION CONFERENCE AT LEAST 48-HOURS PRIOR TO BEGINNING ANY LAND DISTURBANCE ACTIVITY.
- SET UP AN ON-SITE PRE-CONSTRUCTION CONFERENCE WITH EROSION CONTROL INSPECTOR TO DISCUSS EROSION CONTROL MEASURES.
- FOR PHASED EROSION CONTROL PLANS, CONTRACTOR SHALL MEET WITH EROSION CONTROL INSPECTOR PRIOR TO COMMENCING WITH EACH PHASE.
- COORDINATE WITH EROSION CONTROL INSPECTOR PRIOR TO REMOVAL OF ANY EROSION CONTROL MEASURES.
- THE CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES.
- ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE N.C. EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.

**PHASE 1**

- CLEAR ONLY AS NECESSARY TO INSTALL EROSION CONTROL MEASURES IN THIS PHASE.
- INSTALL CONSTRUCTION ENTRANCE AND SILT FENCE.
- INSTALL SEDIMENT BASIN SB-1, SK-1, AND SK-2.
- USE EXCESS MATERIAL FROM SEDIMENT BASIN AS FILL FOR AREAS NEAR EACH OR STOCKPILE.
- CALL EROSION INSPECTOR FOR APPROVAL OF INSTALLED MEASURES PRIOR TO BEGINNING FULL GRADING OPERATIONS.

**PHASE 2**

- GRADE SITE TO GRADES SHOWN LEAVING SEDIMENT BASIN INTACT.
- CONSTRUCT STORM DRAINAGE, UTILITIES, AND ROADWAY.
- INSTALL TEMPORARY INLET PROTECTION ON ALL CATCH BASINS AND DRAINAGE AREAS.
- SEED AND MULCH AREAS AS SPECIFIED.
- REPAIR AND MAINTAIN ALL MEASURES AS NECESSARY.

**PHASE 3**

- CONSTRUCT PARKING AND GRAVEL AREAS ON LOT 2. MAINTAIN EROSION CONTROL MEASURES.
- CONSTRUCT BUILDING.
- SB-1, SK-1, SK-2, AND INLET PROTECTION ON STRUCTURES ALONG IRISH WAY TO REMAIN UNTIL ALL LOTS HAVE BEEN BUILT UPON. MAINTAIN THESE MEASURES AS LONG AS THEY ARE IN SERVICE.
- ONCE ALL LOTS HAVE BEEN BUILT UPON AND STABILIZATION ESTABLISHED, CALL EROSION CONTROL INSPECTOR FOR APPROVAL TO REMOVE MEASURES.
- ONCE THE SITE IS COMPLETED AND STABILIZED WITH THE ESTABLISHMENT OF PERMANENT GROUND COVER AND APPROVAL FROM LINCOLN COUNTY NATURAL RESOURCES HAS BEEN GIVEN TO CLOSE OUT THE EROSION AND SEDIMENT CONTROL PLAN, THE PERMITTEES SHALL VISIT [dep.nc.gov/NCG01](http://dep.nc.gov/NCG01) TO SUBMIT AND ELECTRONIC NOTICE OF TERMINATION (e-NOT). A \$100 ANNUAL GENERAL PERMIT FEE WILL BE CHARGED UNTIL THE e-NOT HAS BEEN FILLED OUT.