

SEQUENCE OF CONSTRUCTION - PHASE I

- 1. EROSION CONTROL PLAN IS APPROVED BY THE CITY OF CHARLOTTE EROSION CONTROL PROGRAM.
2. CONTRACTOR TO SET UP AN ON-SITE PRE-CONSTRUCTION MEETING WITH CITY ENGINEERING DEPARTMENT...
3. THE LIMITS OF DISTURBANCE MUST BE FIELD MARKED PRIOR TO INSTALLATION OF SEDIMENT CONTROL MEASURES...
4. INSTALL SAFETY FENCE, CONSTRUCTION FENCE, AND SEDIMENT AND EROSION CONTROL MEASURES...
5. PERIMETER CONTROLS SHOULD BE CHECKED DAILY AND ADJUSTED AND/OR REPAIRED TO FULLY CONTAIN AND CONTROL SEDIMENTATION...
6. INSTALL ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES, INCLUDING SKIMMER BASIN #1, 2, 4 AND 5...
7. AFTER SKIMMER BASIN #2 IS CONSTRUCTED, THE HEADWALL IS TO BE REMOVED AND EXISTING SWALE TO BE FILLED IN...
8. SKIMMER BASIN #1 AND #5 WILL REMAIN IN PLACE FOR PHASE I AND PHASE II.
9. CONTACT SEDIMENT CONTROL INSPECTOR UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION CONTROL MEASURES...
10. UPON APPROVAL FROM SEDIMENT CONTROL INSPECTOR, COMPLETE DEMOLITION OF EXISTING FEATURES...
11. CONTACT SEDIMENT CONTROL INSPECTOR UPON COMPLETION OF STRIPPING OF TOPSOIL... THE STOCKPILING OF TOPSOIL...

BOHLER ENGINEERING PLLC logo and contact information including address (1927 S. TRYON STREET, SUITE 310) and phone numbers.

REVISIONS table with columns for REV, DATE, COMMENT, and BY.

811 logo with text: KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG

- NOTES:
1. LOCATING THE FENCE ALONG PROPERTY LINES AND SENSITIVE AREAS SHOULD BE PERFORMED BY A LICENSED SURVEYOR...
2. SEE LANDSCAPE PLAN FOR PERMANENT SODDING AND MULCHING.

LEGEND table with columns for TITLE and SYMBOL, listing items like SEDIMENT FENCE, STOCK PILE, TEMPORARY DIVERSION DITCH, etc.

PROJECT INFORMATION: PROJECT No.: NCC162120, DRAWN BY: SR/FAUS, DATE: 8/17/17, SCALE: 1"=60', CAD I.D.: OPD

PROJECT: CONNECTION POINT FOR EASTSIDE CONNECTIONS JV, LLC. LOCATION OF SITE: MONROE RD & LONG AVE, CHARLOTTE, NC 28212, MECKLENBURG COUNTY

BOHLER ENGINEERING PLLC logo and address: 1927 S. TRYON STREET, SUITE 310, CHARLOTTE, NC 28203

Professional Engineer seal for BOHLER ENGINEERING PLLC, No. 31128, State of North Carolina, dated 11/28/17.

SHEET TITLE: OVERALL EROSION CONTROL PLAN PHASE I, SHEET NUMBER: C-8.0

EARTH WORK ANALYSIS
VOLUME OF TOP SOIL TO BE USED, STOCKPILED OR EXPORTED OFF SITE = 11,500 CY
NET CUTFILL, FILL 6,600 CY
NOTE: VOLUMES ARE APPROXIMATE AND SHOULD NOT BE USED FOR BIDDING.

CITY OF CHARLOTTE NOTES:

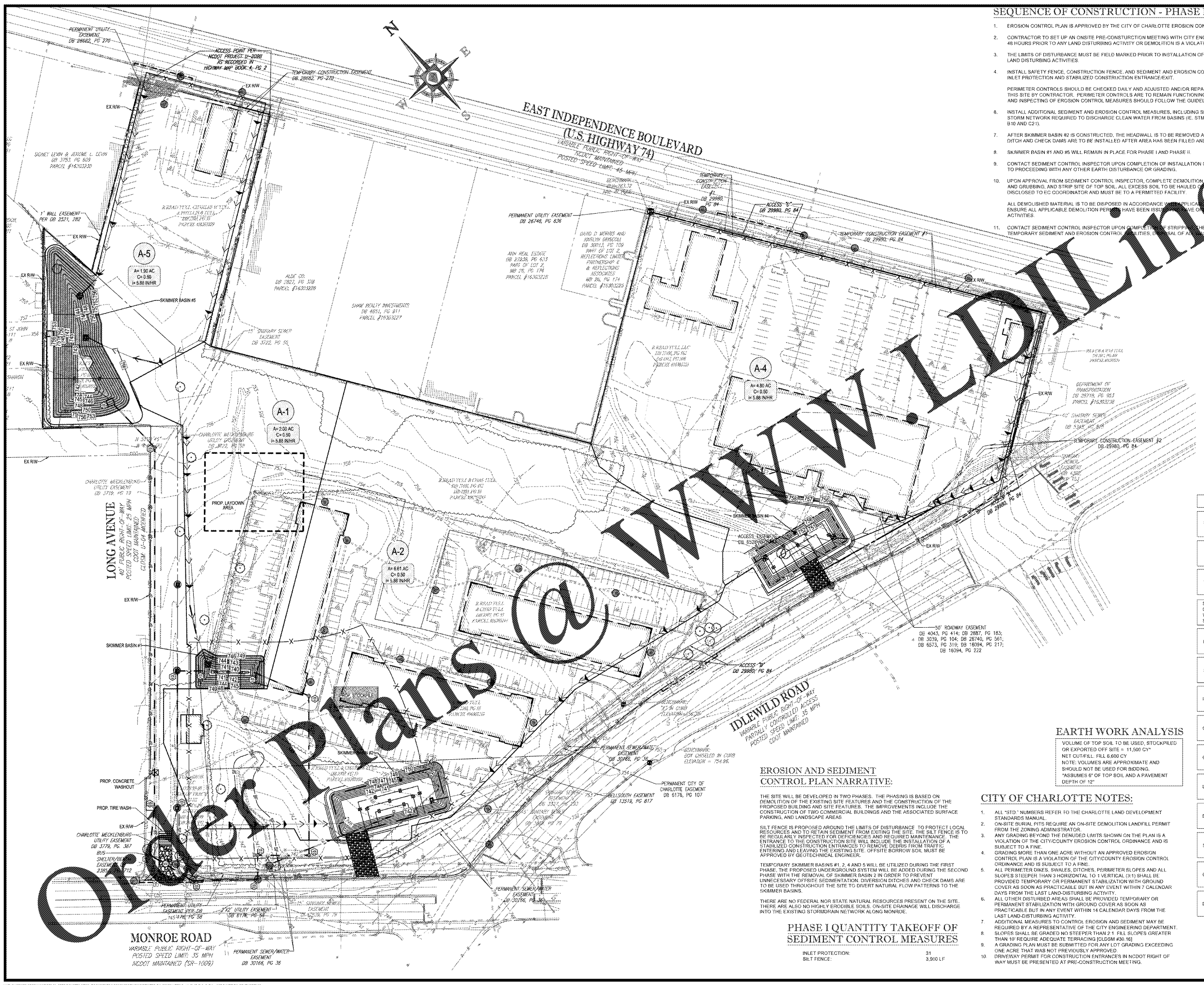
- 1. ALL "STD" NUMBERS REFER TO THE CHARLOTTE LAND DEVELOPMENT STANDARDS MANUAL.
2. ON-SITE BURIAL PITS REQUIRE AN ON-SITE DEMOLITION LANDFILL PERMIT FROM THE ZONING ADMINISTRATOR.
3. ANY GRADING BEYOND THE DEMOLISHED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE CITY/COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
4. GRADING MORE THAN ONE ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION OF THE CITY/COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
5. 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.
6. 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.
7. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY A REPRESENTATIVE OF THE CITY ENGINEERING DEPARTMENT. SLOPES SHALL BE GRADED NO STEEPER THAN 2:1 FILL. SLOPES GREATER THAN 1:1 REQUIRE ADEQUATE TERRACING (SDOM #30, 1E).
8. A GRADING PLAN MUST BE SUBMITTED FOR ANY LOT GRADING EXCEEDING ONE ACRE THAT WAS NOT PREVIOUSLY APPROVED.
9. DRIVEWAY PERMIT FOR CONSTRUCTION ENTRANCES IN NCDOT RIGHT OF WAY MUST BE PRESENTED AT PRE-CONSTRUCTION MEETING.

EROSION AND SEDIMENT CONTROL PLAN NARRATIVE:

THE SITE WILL BE DEVELOPED IN TWO PHASES. THE PHASING IS BASED ON DEMOLITION OF THE EXISTING SITE FEATURES AND THE CONSTRUCTION OF THE PROPOSED BUILDING AND SITE FEATURES. THE IMPROVEMENTS INCLUDE THE CONSTRUCTION OF TWO COMMERCIAL BUILDINGS AND THE ASSOCIATED SURFACE PARKING AND LANDSCAPE AREAS.
SILT FENCE IS PROPOSED AROUND THE LIMITS OF DISTURBANCE TO PROTECT LOCAL RESOURCES AND TO RETAIN SEDIMENT FROM EXITING THE SITE. THE SILT FENCE IS TO BE REGULARLY INSPECTED FOR DEFICIENCIES AND REQUIRED MAINTENANCE. THE ENTRANCE TO THE CONSTRUCTION SITE WILL INCLUDE THE INSTALLATION OF A STABILIZED CONSTRUCTION ENTRANCES TO REMOVE DEBRIS FROM TRAFFIC ENTERING AND LEAVING THE EXISTING SITE. OFF-SITE BORROW SOIL MUST BE APPROVED BY GEOTECHNICAL ENGINEER.
TEMPORARY SKIMMER BASINS #1, 2, 4 AND 5 WILL BE UTILIZED DURING THE FIRST PHASE. THE PROPOSED UNDERGROUND SYSTEM WILL BE ADDED DURING THE SECOND PHASE WITH THE REMOVAL OF SKIMMER BASIN 2 IN ORDER TO PREVENT UNNECESSARY OFFSITE SEDIMENTATION. DIVERSION DITCHES AND CHECK DAMS ARE TO BE USED THROUGHOUT THE SITE TO DIVERT NATURAL FLOW PATTERNS TO THE SKIMMER BASINS.
THERE ARE NO FEDERAL NOR STATE NATURAL RESOURCES PRESENT ON THE SITE. THERE ARE ALSO NO HIGHLY ERODIBLE SOILS. ON-SITE DRAINAGE WILL DISCHARGE INTO THE EXISTING STORMWATER NETWORK ALONG MONROE.

PHASE I QUANTITY TAKEOFF OF SEDIMENT CONTROL MEASURES

Table with 2 columns: ITEM, QUANTITY. Includes INLET PROTECTION (31) and SILT FENCE (3,900 LF).



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