



SEQUENCE OF CONSTRUCTION - PHASE II

- INITIATE ROUGH GRADING OF THE SITE.
- TEMPORARILY STABILIZE GRADED AREAS (NON-STEEP SLOPES) AS REQUIRED.
- COMPLETE ROUGH GRADING. COMPLETE THE INSTALLATION OF REMAINING STORMWATER SYSTEM, AND SITE UTILITIES.
- START INSTALLATION OF UNDERGROUND DETENTION SYSTEM.
- ONCE UNDERGROUND DETENTION SYSTEM HAS BEEN INSTALLED, STABILIZED, ATTACH SKIMMER TO UNDERGROUND INVERT AND TEMPORARILY GROUT UNUSED DRIFTLINES. REROUTE STORMWATER TO UNDERGROUND DETENTION SYSTEM AND ABANDON UNDERGROUND DETENTION SYSTEM #2 AND #4.
- CONTACT SEDIMENT CONTROL INSPECTOR UPON COMPLETION OF ROUGH GRADING, BUT PRIOR TO PERMITTING ANY REMAINING SEDIMENT CONTROL MEASURES AND UPON COMPLETION OF FINAL GRADING, PERMANENT DRAINAGE, OR OTHER SITE DEVELOPMENT IMPROVEMENTS AND GROUND COVERS.
- INSTALL CURB ALONG THE PERIMETER OF THE SITE TO AID IN THE PROTECTION OF THE EXISTING ADJACENT PROPERTIES AND THE ADJACENT ROADWAYS.
- BUILDING CONSTRUCTION MAY BEGIN UPON INSTALLATION OF SEDIMENT CONTROL MEASURES AND SEDIMENT CONTROL INSPECTOR'S APPROVAL.
- FINISH CURB AND INITIATE FINAL PAVING. PERMANENTLY STABILIZE ANY REMAINING AREAS IN ACCORDANCE WITH THE PERMANENT SODDING AND MULCHING NOTES. INSTALL FINAL SITE LANDSCAPING.
- REQUEST FINAL APPROVAL FROM THE SEDIMENT CONTROL INSPECTOR PRIOR TO REMOVING ANY REMAINING SEDIMENT CONTROL MEASURES AND UPON COMPLETION OF FINAL GRADING, PERMANENT DRAINAGE, AND EROSION CONTROL FACILITIES, INCLUDING ESTABLISHED GROUND COVERS AND PLANTING, AND ALL OTHER WORK OF THE BUILDING PERMITS.

BOHLER ENGINEERING, PLLC
 REGISTERED PROFESSIONAL ENGINEERS
 STATE OF NORTH CAROLINA
 PROJECT NO. NCC162120
 SHEET NO. C-8.4

REVISIONS

REV	DATE	COMMENT	BY
1	10/11/17	PER CITY OF CLT & NCDOT COMMENTS	SRF
2	11/20/17	PER CITY OF CLT & NCDOT COMMENTS	SRF

811
 KNOW WHAT'S BELOW
 ALWAYS CALL 811
 It's fast. It's free. It's the law.

LEGEND

TITLE	SYMBOL
SEDIMENT FENCE	— SF —
STOCK PILE	[Hatched Box]
TEMPORARY DIVERSION DITCH	[Dashed Line]
STABILIZED STONE CONSTRUCTION ENTRANCE/EXIT WITH CONCRETE WASHOUT (SEE SHEET C-12.0 FOR DETAIL)	[Stone Pattern]
BAFFLE	[Dashed Line]
SKIMMER DEWATERING DEVICE	[Square]
INLET PROTECTION	[Circle]
CONCRETE WASHOUT	[X]
CONSTRUCTION FENCING	[X-X]
LIMITS OF DISTURBANCE	[Dashed Line]
DRAINAGE AREA PHASE 1	[Solid Line]
STABILIZATION MATTING	[Hatched Box]
CHECK DAMS	[Triangle]
DIRECTIONAL CHECK DAM	[Zigzag Line]

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

BOHLER ENGINEERING, PLLC
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 NC@BohlerEng.com

PROFESSIONAL ENGINEER
 NORTH CAROLINA
 No. 31128
 11/28/17

OVERALL EROSION CONTROL PLAN PHASE II
 SHEET NUMBER:
C-8.4

CITY OF CHARLOTTE NOTES:

- ALL "STD." NUMBERS REFER TO THE CHARLOTTE LAND DEVELOPMENT STANDARDS MANUAL.
- ON-SITE BURIAL PITS REQUIRE AN ON-SITE DEMOLITION LANDFILL PERMIT FROM THE ZONING ADMINISTRATOR.
- ANY GRADING BEYOND THE DENUDED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE CITY/COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
- 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.
- 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.
- 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.
- 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 10' REQUIRE ADEQUATE TERRACING (CDSM #90.16).
- A GRADING PLAN MUST BE SUBMITTED FOR ANY LOT GRADING EXCEEDING ONE ACRE THAT WAS NOT PREVIOUSLY APPROVED.
- DRIVEWAY PERMIT FOR CONSTRUCTION ENTRANCES IN NCDOT RIGHT OF WAY MUST BE PRESENTED AT PRE-CONSTRUCTION MEETING.

EARTH WORK ANALYSIS

VOLUME OF TOP SOIL TO BE USED, STOCKPILED OR EXPORTED OFF SITE = 11,500 CY
 NET CUT/FILL: FILL 6,800 CY
 NOTE: VOLUMES ARE APPROXIMATE AND SHOULD NOT BE USED FOR BIDDING.
 *ASSUMES 6" OF TOP SOIL AND A PAVEMENT DEPTH OF 12"

PHASE II QUANTITY TAKEOFF OF SEDIMENT CONTROL MEASURES

INLET PROTECTION	48
SILT FENCE	6000 LF

