



**LONG AVENUE**  
 40' PUBLIC RIGHT-OF-WAY  
 POSTED SPEED LIMIT: 25 MPH  
 CDD# 11-04 MAINTAINED

**MONROE ROAD**  
 VARIABLE PUBLIC RIGHT-OF-WAY  
 POSTED SPEED LIMIT: 35 MPH  
 CDD# 11-08

**IDEILWILD ROAD**  
 VARIABLE PUBLIC RIGHT-OF-WAY  
 PARTIALLY CONTROLLED ACCESS  
 POSTED SPEED LIMIT: 25 MPH  
 CDD# MAINTAINED

**PHASE II SKIMMER BASIN #1**  
 DISTURBED AREA: 1.00 AC  
 10 YEAR PEAK FLOW: 3.18 CFS  
 LENGTH: AVG. 94 FT  
 WIDTH: AVG. 45 FT  
 STORAGE DEPTH: 7.60'  
 STORAGE PROVIDED: 1,844 CF  
 SURFACE AREA REQUIRED @ 747.60' ELEV.: 20,344 SF  
 SURFACE AREA PROVIDED @ 747.60' ELEV.: 4,330 SF  
 BOTTOM OF BASIN: 738.00'  
 SKIMMER MAIN CREST ELEVATION: 747.60'  
 SKIMMER ORIFICE DIA: 0.00'  
 MAX. 10 YEAR WISSEL ACROSS SPILLWAY: N/A  
 FREEBOARD: 1.50'  
 TOP OF BERM ELEVATION: 748.00'  
 SKIMMER INVERT ELEVATION: 740.00'  
 (REFER TO SHEET C-11.1 TO SEE THAT THE RISER PASSES THE 50 YEAR STORM EVENT)

**PHASE II UNDERGROUND SKIMMER**  
 DISTURBED AREA: 4.43 AC  
 10 YEAR PEAK FLOW: 13.00 CFS  
 LENGTH: AVG. 171 FT  
 WIDTH: AVG. 34.3 FT  
 STORAGE DEPTH: 4.00'  
 STORAGE PROVIDED: 7,974 CF  
 SURFACE AREA REQUIRED @ 748.00' ELEV.: 23,797 SF  
 SURFACE AREA PROVIDED @ 748.00' ELEV.: 4,330 SF  
 BOTTOM OF BASIN: 748.00'  
 EMERGENCY SPILLWAY LENGTH: 5.3'  
 SKIMMER MAIN CREST ELEVATION: 747.00'  
 SKIMMER ORIFICE DIA: 2.00'  
 MAX. 10 YEAR WISSEL ACROSS SPILLWAY: N/A  
 FREEBOARD: 1.50'  
 ROOF OF UNDERGROUND ELEVATION: 748.00'  
 SKIMMER INVERT ELEVATION: 740.00'  
 (THE UNDERGROUND SYSTEM WAS DESIGNED TO PROVIDE 6" OF HEADROOM ABOVE THE 50 YEAR STORM EVENT. SEE THE STORMWATER REPORT FOR MORE INFORMATION.)

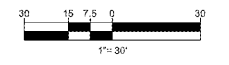
**GROCERY**  
 22,245 SQ. FT.  
 PROTOTYPE V8.0  
 FFE: 750.00

**COMMERCIAL**  
 12,000 SQ. FT.  
 FFE: 755.50

- NOTES:**
- LOCATING THE FENCE ALONG PROPERTY LINES AND SENSITIVE AREAS SHOULD BE PERFORMED BY A LICENSED SURVEYOR AND THAT COST SHALL BE INCLUDED IN THE CONTRACTOR'S BID PRICE.
  - SEE LANDSCAPE PLAN FOR PERMANENT SODDING AND MULCHING.

**LEGEND**

TITLE	SYMBOL
SEDIMENT FENCE	[Symbol]
STOCK PILE	[Symbol]
TEMPORARY DIVERSION DITCH	[Symbol]
STABILIZED STONE CONSTRUCTION ENTRANCE/EXIT WITH CONCRETE WASHOUT (SEE SHEET C-12.0 FOR DETAIL)	[Symbol]
BAFFLE	[Symbol]
SKIMMER DEWATERING DEVICE	[Symbol]
INLET PROTECTION	[Symbol]
CONCRETE WASHOUT	[Symbol]
CONSTRUCTION FENCING	[Symbol]
LIMITS OF DISTURBANCE	[Symbol]
DRAINAGE AREA PHASE 1	[Symbol]
STABILIZATION MATTING	[Symbol]
CHECK DAMS	[Symbol]
DIRECTIONAL CHECK DAM	[Symbol]



**BOHLER ENGINEERING PLLC**  
 SITE CIVIL AND CONSTRUCTION ENGINEERING  
 PROJECT MANAGER: [Name]  
 PROJECT ARCHITECTURE: [Name]  
 PROJECT SURVEYING: [Name]  
 PROJECT UTILITY: [Name]  
 PROJECT EROSION CONTROL: [Name]  
 PROJECT TRAFFIC CONTROL: [Name]  
 PROJECT LANDSCAPE: [Name]  
 PROJECT LIGHTING: [Name]  
 PROJECT SIGNAGE: [Name]  
 PROJECT FENCE: [Name]  
 PROJECT PAVING: [Name]  
 PROJECT CONCRETE: [Name]  
 PROJECT METRO: [Name]  
 PROJECT WASHINGTON, DC

**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  
 BEFORE YOU DIG  
 It's fast. It's free. It's the law.

PROJECT No.: NCC162120  
 DRAWN BY: SRF/AJS  
 CHECKED BY: BWR  
 DATE: 08/17  
 SCALE: 1"=30'  
 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 NO. PLLC**  
 NCC162120  
 1927 S. TRYON STREET, SUITE 310  
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**Professional Engineer Seal**  
 NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER  
 No. 31128  
 11/28/17

SHEET TITLE: **EROSION CONTROL PLAN PHASE II**  
 SHEET NUMBER: **C-8.5**

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