



INSET "B" BACKFLOWS TO BE APPROVED UNDER 12,600 SF BUILDING PERMIT APPROVAL

INSET "B" SHEET C-7.4

INSET "A" SHEET C-7.4

INSET "C" SHEET C-7.4

SITE

LOCATION MAP SCALE N.T.S.

PARCEL 1 NOTES:

1. MINIMUM PIPE COVERS ARE TO BE MET ON ALL UTILITY PIPES.
2. MANHOLE COVERS & CLEANOUTS SHALL NOT BE LOCATED WITHIN PEDESTRIAN AREAS OR IN FRONT OF THE BUILDING CANOPY.
3. CLEANOUTS FOR THE SANITARY SEWER LATERALS ARE TO BE PLACED AT A MAXIMUM SEPARATION OF EVERY NINETY (90) FEET.
4. MINIMUM PIPE DIAMETER SHALL BE SIX (6) INCHES FOR LATERALS AND (8) INCHES FOR MAIN LINES BETWEEN MANHOLES WITH A MATERIAL OF POLY VINYL CHLORIDE (PVC) OR PER ASTM D 3044.
5. VALVE COVERS, METER BOX COVERS AND OTHER SURFACE ACCESS POINTS SHALL NOT BE LOCATED WITHIN PEDESTRIAN AREAS OR IN FRONT OF THE BUILDING CANOPY. VALVES AND METER BOXES SHALL BE LOCATED IN AREAS THAT WILL REMAIN ACCESSIBLE AND NOT BLOCKED BY PARKED VEHICLES.
6. 45° DEGREE BENDS SHALL BE USED IN PLACE OF 90° BENDS WHEREVER POSSIBLE.
7. FIRE PROTECTION SHALL REQUIRE A MINIMUM SIZE OF 8 INCHES IN DIAMETER WITH A MATERIAL OF DUCTILE IRON PIPE OR PVC ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.
8. DOMESTIC SERVICE SHALL REQUIRE A MINIMUM SIZE OF 1-1/2 INCHES IN DIAMETER WITH A MATERIAL OF TYPE "K" COPPER.

UTILITY NOTES

- THERE SHALL BE NO TAPS, BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPT. CONNECTION POINTS, OR OTHER WATER USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS CLT WATER-REQUIRED BACKFLOW PREVENTER.
- EACH CLT WATER-REQUIRED SFA IS TO BE TESTED BY A CLT WATER-APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.
- APPLY FOR CLT WATER TO MAKE SERVICE CONNECTIONS TO EXISTING PUBLIC WATER AND SEWER MAINS THROUGH THE NEW SERVICES SECTION. THE DEVELOPER'S CONTRACTOR IS NOT AUTHORIZED TO MAKE THE WATER AND SEWER SERVICE CONNECTIONS.
- ALL UTILITIES ARE TO BE UNDERGROUND!
- DEQ (FORMERLY NCDENR) AND THE NORTH CAROLINA UTILITY COMMISSION SHALL BE CONTACTED AND INFORMED OF SUB-METERING PRIVATE DEVELOPMENT BEHIND CHARLOTTE WATER MASTER METER, CREATING A "PUBLIC" SYSTEM. ADDITIONAL REQUIREMENTS AND PROCEDURES DETERMINED BY DEQ AND THE NORTH CAROLINA UTILITY COMMISSION SHALL BE ADHERED TO ACCORDINGLY. APPLICABLE REQUIRED DOCUMENTS DETERMINED BY DEQ AND THE NORTH CAROLINA UTILITY COMMISSION SHALL BE SUBMITTED TO CHARLOTTE WATER IN ORDER TO PROCEED WITH PERMITTING THE PRIVATE WATER DISTRIBUTION SYSTEM. LEASED PROPERTIES DO NOT APPLY TO THE AFORESAID "PUBLIC" SYSTEM STATUS AND REQUIREMENTS. OBTAINING A "WR" DESIGNATION. "WR" DESIGNATION APPLIES TO MULTIFAMILY APARTMENTS, COMMERCIAL BUILDINGS OR APPLICABLE LEASED PROPERTIES ONLY.
- NO PERMANENT INSULATION MAY BE INSTALLED ON THE BP ASSEMBLY. CLT WATER RECOMMENDS THAT HEAT BE PROVIDED FOR ALL ABOVE-GROUND COMBUSTIBLE AND COMBINATION SERVICE BP ENCLOSURES TO PREVENT FREEZE DAMAGE. ENCLOSURES FOR ABOVE-GROUND INSTALLATIONS SERVING A FIRE PROTECTION SYSTEM ARE REQUIRED BY THE FIRE DEPARTMENT TO BE HEATED (MAINTAIN A MINIMUM OF 40° F).

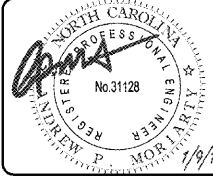
REVISIONS				
REV	DATE	COMMENT	BY	
1	10/11/17	PER CITY OF CLT & NCDOT COMMENTS	SRF	
2	11/28/17	PER CITY OF CLT & NCDOT COMMENTS	SRF	
3	1/9/18	PER MECKLENBURG COUNTY COMMENTS	SRF	

**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:	8/8/17
SCALE:	1"=30'
CAD I.D.:	UPD

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

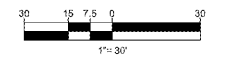
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NC@BohlerEng.com



PROPOSED EASEMENT LEGEND \*

[Symbol]	SIGHT DISTANCE
[Symbol]	STORM DRAIN
[Symbol]	SANITARY SEWER
[Symbol]	WATER
[Symbol]	PUBLIC ACCESS
[Symbol]	COMMON SHARED
[Symbol]	INGRESS-EGRESS
[Symbol]	PUBLIC UTILITY
[Symbol]	VARIABLE WIDTH S

\*DIM IS THE TOTAL WIDTH OF THE EASEMENT



SHEET TITLE:  
**UTILITY PLAN**  
SHEET NUMBER:  
**C-7.1**

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**LONG AVENUE**  
40' PUBLIC RIGHT-OF-WAY  
POSTED SPEED LIMIT: 25 MPH  
CDOT MAINTAINED (SR-1002)

**MONROE ROAD**  
VARIABLE PUBLIC RIGHT-OF-WAY  
POSTED SPEED LIMIT: 35 MPH  
NCDOT MAINTAINED (SR-1002)

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