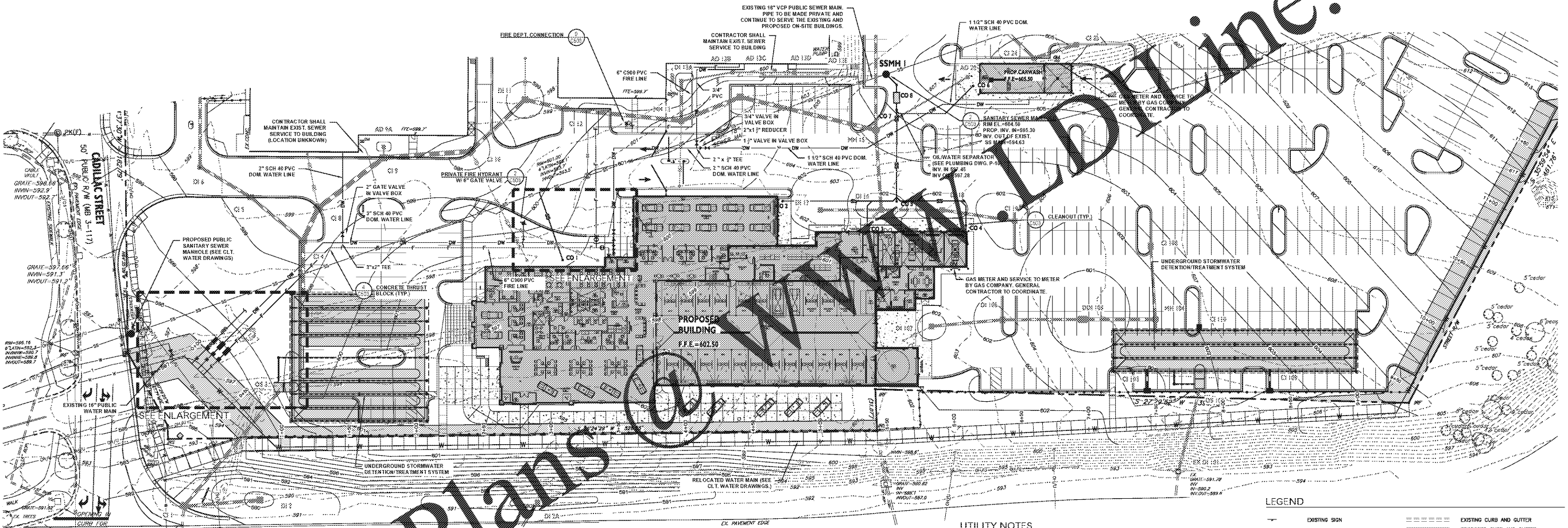
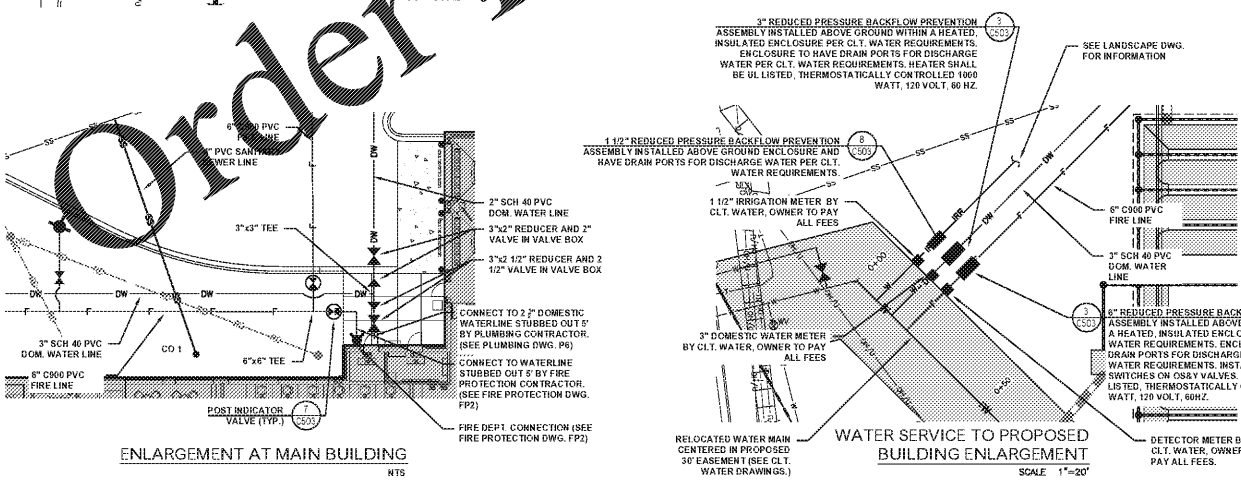


VICINITY MAP  
N.T.S.

PROPOSED SANITARY SEWER SCHEDULE			
STRUCTURE #	RIM ELEV.	INVERT	OUTLET PIPE
CO 1	--	597.12	55 LF, 4" PVC @2.00%(MIN.)
CO 2	--	598.17	85 LF, 4" PVC@1.04%
CO 3	--	597.92	19 LF, 4" PVC @1.04%(MIN.)
CO 4	--	600.00	70 LF, 4" PVC @2.45%
CO 5	--	598.28	60 LF, 4" PVC@2.13%
CO 6	--	602.50	84 LF, 4" PVC@8.60%
CO 7	--	597.00	5 LF, 8" PVC @2.00%
CWS	604.20	INV. IN 596.90 RV. OUT 596.73	5 LF, 8" PVC @2.00%
CO 8	--	596.80	15 LF, 8" PVC @2.00%



PINEVILLE ROAD (SR#4982)  
VARIABLE WIDTH PUBLIC R/W (REFER TO NC  
DOT PROJECTS 4.49006 & 8.1670103)



- UTILITY NOTES**
- UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND STATE CODE REQUIREMENTS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES (STORM DRAINAGE, ELECTRIC, GAS, TELEPHONE, ETC) PRIOR TO CONSTRUCTION. INFORMATION SHOWN ON THIS PLAN IS FOR REFERENCE ONLY AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
  - THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY IF ANY DISCREPANCIES BETWEEN THE CONSTRUCTION PLANS AND ACTUAL FIELD CONDITIONS ARE FOUND.
  - MINIMUM COVER FOR ALL SANITARY SEWER MAINS SHALL BE 3'-0". DUCTILE IRON PIPE SHALL BE SUBSTITUTED WHEN MINIMUM COVER CAN NOT BE MAINTAINED.
  - THE STANDARD DEPTH OF COVER FOR WATER MAINS SHALL BE 2'-0" MIN. EXCEPT AT VALVE OR HYDRANT LOCATIONS OR OTHER SPECIAL CONDITIONS.
  - THE CONNECTION TO EXISTING WATER MAINS SHALL BE PERFORMED ONLY AFTER ALL PRESSURE TESTING AND CHLORINATION ARE SUCCESSFULLY COMPLETED AND THE LOCAL REVIEW AUTHORITY HAS APPROVED THE CONNECTION. THE CONTRACTOR SHALL AVOID DISRUPTION OF EXISTING SERVICE CONNECTIONS AT THE BUILDING.
  - REFER TO PLUMBING DRAWING SERIES FOR THE LOCATION OF WATER AND SANITARY SEWER SERVICE CONNECTIONS AT THE BUILDING.
  - UNLESS OTHERWISE NOTED, THE PHYSICAL CONNECTION BETWEEN THE SITE UTILITY LINES AND THE PIPE INSTALLED BY THE PLUMBING CONTRACTOR SHALL BE MADE BY THE SITE UTILITY CONTRACTOR.
  - PIPE LENGTHS SHOWN ON PLAN ARE THE ENGINEER'S ESTIMATE USED TO COMPUTE PIPE SLOPE AND INVERTS AND SHALL NOT BE CONSTRUED BY THE CONTRACTOR TO REPRESENT THE ACTUAL QUANTITY OF PIPE REQUIRED.
  - IF WATER LINE CROSSES OVER SANITARY SEWER WITH LESS THAN 18 INCHES VERTICAL CLEARANCE BOTH PIPES SHALL BE DUCTILE IRON IF EACH SIDE IF WATER CROSSES UNDER THE SEWER REGARDLESS OF CLEARANCE. BOTH PIPES SHALL BE DUCTILE IRON IF EACH SIDE IF WATER LINE RUNS PARALLEL TO SEWER LINE WITH LESS THAN 12" VERTICAL CLEARANCE AND LESS THAN 12" SIDE CLEARANCE BOTH PIPES SHALL BE DUCTILE IRON.
  - IF REQUIRED BY NUMBER 10 ABOVE, REPLACE EXISTING SEWER WITH DUCTILE IRON PIPE, CLASS 350 WORKING PRESSURE WITH GASKETED JOINTS, 1/2" EACH SIDE OF WATER MAIN.
  - THERE SHALL BE NO TAPS, PIPING 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 CITY OF CHARLOTTE REQUIRED BACKFLOW PREVENTER.
  - EACH REQUIRED BPA IS REQUIRED TO BE TESTED BY A CITY OF CHARLOTTE APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.
  - THE GENERAL CONTRACTOR AND/OR THE SITE UTILITY CONTRACTOR SHALL COORDINATE THE WATER AND SEWER TAPS WITH THE CITY OF CHARLOTTE, WATER, SEWER, & ELECTRICAL AND GAS SERVICES TO THE EXISTING BUILDING SHALL BE MAINTAINED AT ALL TIMES.

**LEGEND**

—	EXISTING SIGN	—	EXISTING CURB AND GUTTER
⊙	EXISTING IRON PIN	—	PROPOSED CURB AND GUTTER
⊙	EXISTING LIGHT POLE	—	PROPERTY LINE
⊙	EXISTING POST	—	EXISTING FENCE
⊙	EXISTING UTILITY POLE	—	EXISTING UNDERGROUND ELECTRIC LINE
R/W	RIGHT-OF-WAY	—	EXISTING OVERHEAD ELECTRIC LINE
⊙	EXISTING FIRE HYDRANT	—	EXISTING UNDERGROUND TELEPHONE LINE
⊙	EXISTING FIRE HYDRANT	—	EXISTING SANITARY SEWER LINE
⊙	PROPOSED FIRE DEPT. CONNECTION	—	PROPOSED SANITARY SEWER LINE
⊙	EXISTING WATER VALVE	—	EXISTING WATER LINE
⊙	PROPOSED WATER VALVE	—	PROPOSED WATER LINE
⊙	PROPOSED CHECK VALVE	—	EXISTING CONTOUR LINE
⊙	PROPOSED POST INDICATOR VALVE	—	PROPOSED CONTOUR LINE
⊙	EXISTING WATER METER	—	EXISTING STORM DRAINAGE PIPE
⊙	PROPOSED WATER METER	—	PROPOSED STORM DRAINAGE PIPE
⊙	PROPOSED BACKFLOW PREVENTER	—	EXISTING GAS LINE
⊙	EXISTING SEWER MANHOLE	—	PROPOSED GAS LINE
⊙	PROPOSED SEWER MANHOLE	—	EXISTING STORM MANHOLE
⊙	EXISTING CLEANOUT	—	PROPOSED STORM MANHOLE
⊙	PROPOSED CLEANOUT	—	PROPOSED DRAINAGE STRUCTURE
⊙	EXISTING DRAINAGE STRUCTURE	—	EXISTING GAS VALVE
		—	EXISTING GAS METER

**811**  
Know what's below.  
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**NORTH**

SCALE: 1"=30'



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**Hyundai of South Charlotte**  
10518 Cadillac Street  
Pineville, North Carolina

Project No: 17000070.02  
Date: 03.04.2020  
Revisions:

Sheet Title:  
**Utility Plan**

Sheet No:  
**C400**