

**CONCORD PARKWAY SOUTH  
(US HWY. 29)  
120' PUBLIC R/W  
(NCDOT REF. PROJECT #587)  
NB. 61-54**

EXIST. FIRE HYDRANT  
PH23E-3108  
STATIC: 56 PSI  
RESIDUAL: 48 PSI

APPROX. LOCATION OF  
PROPOSED GAS SERVICE, ACTUAL  
LOCATION AND CONNECTION TO  
BE COORDINATED WITH THE  
UTILITY PROVIDER

PROPOSED 2' X 6'  
MONUMENT SIGN  
(DESIGN BY OTHERS)  
CONTRACTOR TO PROVIDE  
POWER TO SIGN LOCATION

4" SERVICE LATERAL  
CONNECTION TO EXISTING 8"  
GRAVITY SEWER  
4" DI SS LATERAL  
2% SLOPE (MIN.) 29 LF  
PUBLIC CLEANOUT HOUSED IN A STEEL  
MIN MANHOLE (END  
OF CITY'S LATERAL)

16" X 6" TAPPING  
SLEEVE ASSEMBLY

EX. EDGE OF PAVEMENT  
(ENCROACHMENT REQUIRED)

PROP. 6" DI PUBLIC WATER LINE 41 LF  
3.5 LF 1" K-COPPER WITH 90°  
BEND AND 1" METER ASSEMBLY

6" X 6" TAPPING SADDLE WITH  
CORPORATE ASSEMBLY  
PROPOSED WATER METER AND BACK FLOW PREVENTERS ARE MOVED  
BACK AWAY FROM THE ROW AND SETBACK DUE TO LARGE EXISTING  
DITCH ALONG THE NORTHERN BOUNDARY  
SEE SHEET S.1 GRADING PLAN  
PROPOSED POWER POLE AND OVERHEAD SERVICE LINE  
CONTRACTOR TO COORDINATE POWER POLE LOCATION AND  
SERVICE CONNECTION WITH THE CITY

6" RPDA BACKFLOW (ABOVE GROUND REDUCED  
PRESSURE BACKFLOW UNIT WITH BUILT-IN BY-PASS  
METER ASSEMBLY WITH HEATED ENCLOSURE)  
SEE DETAILS SHEET C6.1

1" RPDA BACKFLOW (ABOVE GROUND REDUCED  
PRESSURE BACKFLOW UNIT WITH BUILT-IN BY-PASS  
METER ASSEMBLY WITH HEATED ENCLOSURE)  
SEE DETAILS SHEET C6.1

PRIVATE 4" 18 LF SS LATERAL AT 2% SLOPE  
(MIN.) OUTSIDE EASEMENT AND THE CITY'S  
TERMINATION CLEANOUT  
6" 189 LF PVC FIRE SERVICE  
1" - 148 LF PVC DOMESTIC  
WATER SERVICE

PROPOSED 4" 49 LF SDR35 PVC SEWER  
MIN. SLOPE 1.2%

APPROX. LOCATION OF PROPOSED UNDERGROUND ELECTRIC  
SERVICE. CONTRACTOR TO COORDINATE WITH POWER  
COMPANY

PROPOSED 16 LF 4" SDR35  
PVC SEWER S-2%  
PROPOSED  
22 LF 4" SDR35  
PVC SEWER S-2%

PROPOSED 1,500 GAL.  
GREASE INTERCEPTOR  
INV. = 703.00  
INV. CUT-300.00  
(DESIGN BY OTHERS)

PROPOSED  
13.7 LF 4" SDR35  
PVC SEWER S-2%

**LEGEND**

- PROPERTY LINE
- EASEMENT
- SETBACK
- GAS LINE
- POWER LINE (OVERHEAD)
- SANITARY SEWER PIPE
- STORM DRAIN PIPE
- TELEPHONE LINE (UNDERGROUND)
- WATER LINE
- POWER LINE (UNDERGROUND)
- LANDSCAPE BUFFER
- STANDARD DUTY ASPHALT PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- RRPAP

**PROJECT LOCATION:**

921 CONCORD PARKWAY SOUTH  
CONCORD, NC 28027  
TAX PARCEL #: 56107251230000

**PROJECT COORDINATOR:**

JOSEPH MARIN  
786-853-9950  
joseph.marin@leblond.com

**GENERAL UTILITY NOTES**

- BEFORE YOU DIG, STOP. CALL THE NC ONE-CALL CENTER AT 1-800-632-4949. IT'S THE LAW.
- UTILITIES ARE SHOWN FROM THE BEST AVAILABLE INFORMATION AND ARE APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE AND OTHER UTILITIES BEFORE STARTING CONSTRUCTION. NOTIFY UTILITY LOCATING COMPANY (ONE CALL @ 1-800-632-4949) OR INDIVIDUAL UTILITY OWNERS FOR UNDERGROUND LOCATIONS AT LEAST 48 HOURS IN ADVANCE.
- THERE SHALL BE NO TAPS, PIPING BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE SPDT, CONNECTION POINTS, OR OTHER WATER-USE APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND REQUIRED BACKFLOW PREVENTER.
  - ANY UTILITY CONSTRUCTION SHALL CONFORM TO CITY OF CONCORD WATER SPECIFICATIONS.
  - CONTACT THE UTILITY COMPANY TO RELOCATE ANY EXISTING LIGHT AND/OR UTILITY POLES. ALL EXISTING UTILITIES WHICH CONFLICT WITH THE IMPROVEMENTS UNDER THE SCOPE OF THIS PROJECT MUST BE RELOCATED AT THE EXPENSE OF THE APPLICANT.
  - DRAIN POINT REQUIREMENTS: MINIMUM ELEVATION DIFFERENCE OF 6" MUST BE MAINTAINED BETWEEN THE RP'S DISCHARGE OUTLET AND THE TOP OF ALL DRAIN PORTS. DRAIN PORT FOR 1-1/2" ABOVE GROUND RP ENCLOSURE MAY BE RECTANGULAR OR CIRCULAR. RECTANGULAR DRAIN PORT SHALL BE 3" H X 6-1/2" W MINIMUM. CIRCULAR DRAIN PORT SHALL BE TWO (2) 4" DI MINIMUM. WHEN NECESSARY TO INSTALL 2 OR MORE DRAIN PORTS, THEY SHOULD BE INSTALLED TOGETHER ON THE SAME SIDE OF THE ENCLOSURE SO AS TO AVOID CREATING THE OPPORTUNITY FOR CROSS DRAFTS.
  - CONTRACTOR TO CONFIRM LOCATION AND ELEVATION OF THE EXISTING SEWER MANHOLE AND LATERAL. LOCATION AND DESIGN OF THE SEWER SERVICE SHALL BE COMPLETED UPON VERIFICATION BY THE CONTRACTOR.

**CITY OF CONCORD UTILITY NOTES**

- PER CITY OF CONCORD CODE OF ORDINANCE CHAPTER 62, ARTICLE 3, SECTION 62-98 (2) ALL MATERIALS, EQUIPMENT, LABOR, AND WORKMANSHIP ASSOCIATED WITH PUBLIC WATER AND/OR SEWER EXTENSION AND/OR MODIFICATION SHALL BE IN ACCORDANCE WITH AND SUBJECT TO THE WATER AND SEWER AUTHORITY OF CABARRUS COUNTY'S STANDARD SPECIFICATIONS, THE CITY OF CONCORD'S ORDINANCES, POLICES, AND STANDARD SPECIFICATIONS, AND THE NORTH CAROLINA ADMINISTRATIVE CODE FOR WASTEWATER COLLECTION AND WATER DISTRIBUTION SYSTEMS. IN THE EVENT OF CONFLICT BETWEEN THE WATER AND SEWER AUTHORITY OF CABARRUS COUNTY'S STANDARD SPECIFICATIONS, THE CITY OF CONCORD'S ORDINANCES, POLICES, AND STANDARD SPECIFICATIONS, OR THE NORTH CAROLINA ADMINISTRATIVE CODE, THE MORE RESTRICTIVE REQUIREMENTS SHALL APPLY.
- REVIEW AND APPROVAL OF THE PLANS DOES NOT RELIEVE THE OWNER, CONTRACTOR, OR DEVELOPER FROM MEETING THE REQUIREMENTS OF THE CITY OF CONCORD'S OR CABARRUS COUNTY ORDINANCES, POLICES, AND STANDARD SPECIFICATIONS. (AS APPLICABLE), CONCORD WATER & SEWER POLICES AND TECHNICAL SPECIFICATIONS, THE "STANDARD SPECIFICATION FOR WASTEWATER COLLECTION & WASTE DISTRIBUTION FOR CABARRUS COUNTY (SWACC MANUAL) AND ANY OTHER LOCAL, STATE, AND FEDERAL REGULATIONS & APPROVALS.
- THE CONTRACTOR MUST CONTACT THE CITY OF CONCORD ENGINEERING CONSTRUCTION MANAGER AT 704-820-5425 AT LEAST 24 HOURS PRIOR TO INITIATING ANY CONSTRUCTION ACTIVITY.
- THE EXISTING WATER MAIN VALVE RISERS AND STEMS AND THE EXISTING SEWER MAIN MANHOLES RISERS ARE TO BE MAINTAINED OVER THE EXISTING UTILITIES AT ALL TIMES PER THE CITY OF CONCORD CODE OF ORDINANCE CHAPTER 62, ARTICLE 3, SECTION 62-96.
- CONCORD CODE OF ORDINANCES CHAPTER 62, ARTICLE 1 WATER AND SEWER SERVICE, SEC. 62-94(f) - THE CUSTOMER SHALL BE RESPONSIBLE FOR INSTALLING THE NECESSARY APPROVED DEVICES TO MAKE ANY ADJUSTMENTS TO THE WATER PRESSURE SUPPLIED BY CONCORD UTILITIES AND SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL SUCH DEVICES.
- PER THE CITY OF CONCORD CODE OF ORDINANCE CHAPTER 62, ARTICLE 3, SECTION 62-96, THE FOLLOWING MINIMUM SEPARATIONS MUST BE INDICATED, UNLESS OTHERWISE APPROVED BY THE CITY.
  - A MINIMUM HORIZONTAL SEPARATION OF FIVE FEET SHALL BE MAINTAINED BETWEEN ANY TYPE OF MAINTENANCE OBSTRUCTION AND THE CITY'S WATER DISTRIBUTION LINES, WASTEWATER COLLECTION LINES, AND ASSOCIATED APPURTENANCES, UNLESS AN EXCEPTION IS GRANTED. GREATER SEPARATION DISTANCES MAY BE REQUIRED AS SPECIFIED BY FEDERAL, STATE, OR LOCAL REGULATIONS.
  - A MINIMUM VERTICAL SEPARATION OF TWO FEET SHALL BE MAINTAINED BETWEEN ANY TYPE OF MAINTENANCE OBSTRUCTION, INCLUDING BUT NOT LIMITED TO ANY OTHER UTILITY PROVIDER'S LINES OR EQUIPMENT, AND THE CITY WATER DISTRIBUTION LINES, WASTEWATER COLLECTION LINES, AND ASSOCIATED APPURTENANCES, UNLESS AN EXCEPTION IS GRANTED. IF AN EXCEPTION IS GRANTED, A MINIMUM VERTICAL SEPARATION OF ONE FOOT MUST BE MAINTAINED AND THE CITY WATER DISTRIBUTION LINES, WASTEWATER COLLECTION LINES, AND ASSOCIATED APPURTENANCES SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE OR AN APPROVED FERROUS MATERIAL WITH JOINTS THAT ARE EQUIVALENT TO POTABLE WATER MAIN STANDARDS FOR A DISTANCE OF TEN FEET ON EITHER SIDE OF THE POINT OF CROSSING. GREATER SEPARATION DISTANCES MAY BE REQUIRED AS SPECIFIED BY FEDERAL, STATE, OR LOCAL REGULATIONS.
  - A MINIMUM HORIZONTAL SEPARATION OF TEN FEET SHALL BE MAINTAINED BETWEEN THE CITY WATER DISTRIBUTION SYSTEM AND WASTEWATER COLLECTION LINES, AND ASSOCIATED APPURTENANCES, UNLESS AN EXCEPTION IS GRANTED.

**STIPULATION FOR REUSE**

THIS DRAWING WAS PREPARED FOR USE ON THE SPECIFIC SITE, NAMED HEREON, CONFORMANT WITH ITS ISSUE DATE AS LISTED HEREON, AND IS NOT SUITABLE FOR USE ON A DIFFERENT PROJECT SITE OR AT A LATER TIME. THE USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE OR ANY OTHER PROJECT REQUIRES THE SERVICES OF A LICENSED ARCHITECT OR ENGINEER. REPRODUCTION OF THIS DRAWING FOR REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED AND MAY BE CONTRARY TO THE LAW.

**POPEYE'S**  
915 CONCORD PARKWAY SOUTH  
CONCORD, NC 28027

**MODIFICATION LOG**

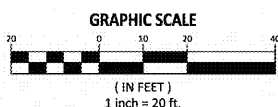
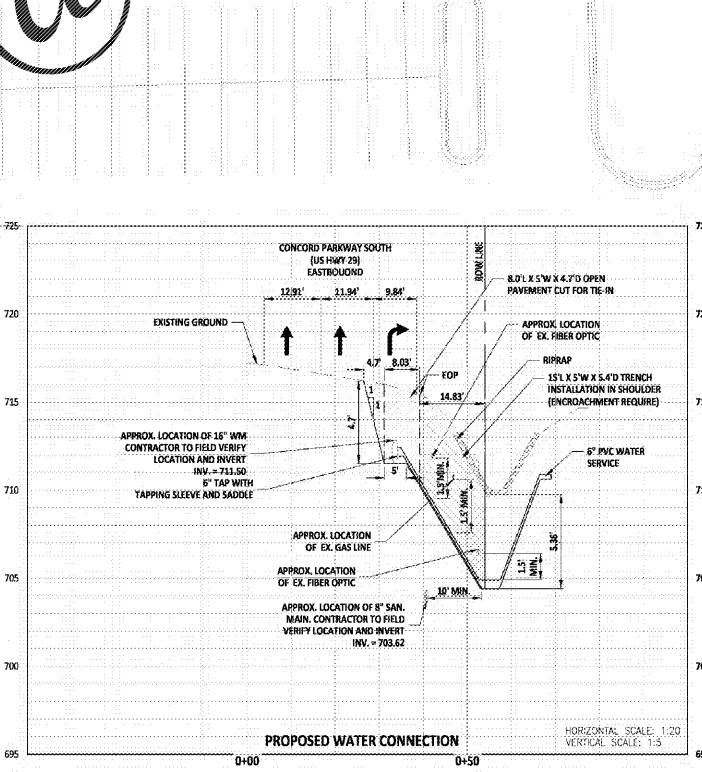
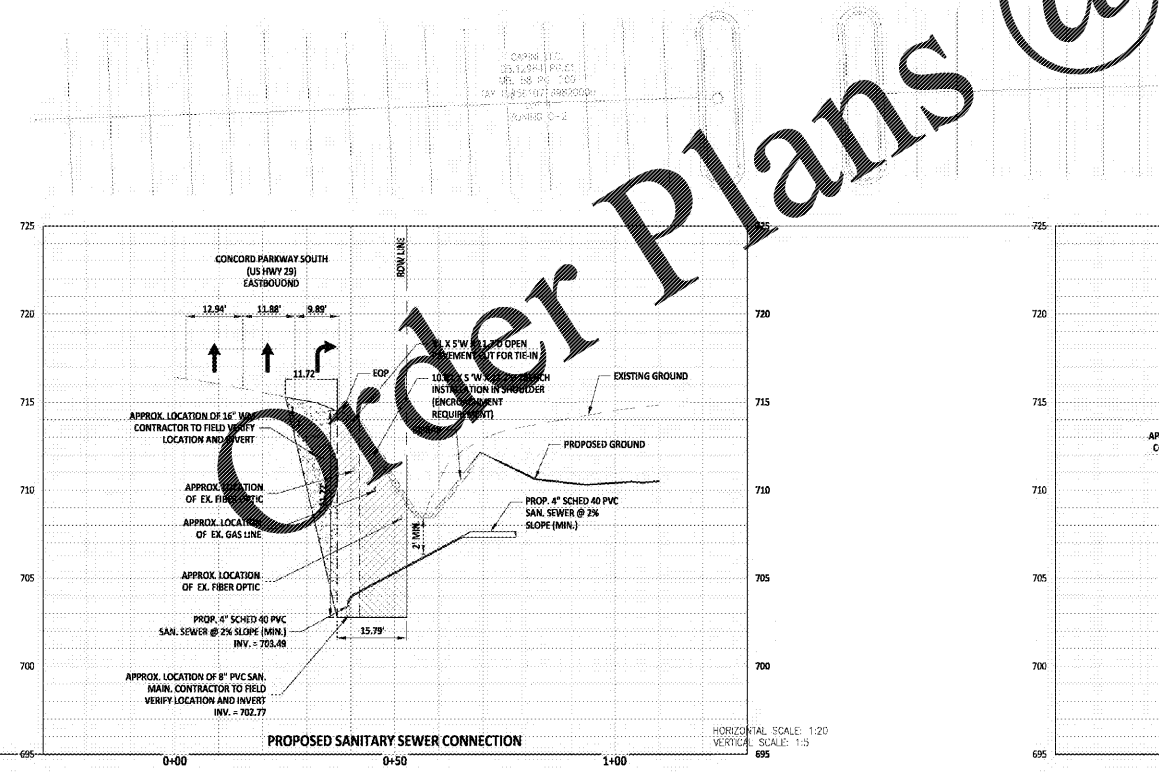
NO.	DATE	DESCRIPTION

JOB NUMBER: C200030  
CHECKED BY: CMJ  
DRAWN BY: CDA  
DATE: 8-19-2020

1-888-C-3681  
**AMERICAN Engineering**  
American Engineering Associates - Southeast, P.A.  
8008 Corporate Center Dr., Suite 110  
Charlotte, NC 28226  
704-376-2438

**UTILITY PLAN**

SHEET: **C6.1**



**North 811**  
CAROLINA  
\*\*\* 3 Days Before Digging \*\*\*  
North Carolina 811  
811 or 1-800-632-4999  
Remove Ticket Entry  
http://nc811.org/nc811/utility/plan

**SEAL**  
34936  
ENGINEER  
MATT HEW