



GENERAL NOTES:

- THIS PROJECT REFERENCES A SURVEY PREPARED BY: ALLEN & MAJOR ASSOCIATES, INC. 100 COMMERCE WAY WOBURN, MA 01801
- DATE: JANUARY 30, 2020
EXISTING CONDITIONS
LOT 3790-1
1134 MAIN STREET
TOWN OF CONCORD
COUNTY OF MIDDLESEX
STATE OF MASSACHUSETTS

KEYED NOTES: xx

- PROPOSED SANITARY LATERAL BUILDING CONNECTION MINIMUM INVERT 122.00'
- PROPOSED 6" SDR-26 PVC SANITARY LATERAL TO BE AT A MINIMUM OF 1.0% SLOPE
- PROPOSED SANITARY CLEANOUT
- EXISTING SEWER CONNECTION FROM NEW CLEAN-OUT WITHIN MAIN STREET TO BE RE-LINED TO THE MAIN SEWER TO REDUCE THE NEED FOR TRENCHING ACROSS MAIN STREET. THIS PROCEDURE SHALL BE FOLLOWED WITH THE APPROVAL OF THE CONCORD WATER/SEWER DEPARTMENT.
- EXISTING STORM STRUCTURE TO BE RESET AT NEW GRADES. SEE GRADING PLAN FOR RIM ELEVATIONS.
- PROPOSED CATCH BASIN
- PROPOSED STORM MANHOLE
- PROPOSED 4" SCH 40 PVC UNDERGROUND ROOF DRAINS AT A MINIMUM SLOPE OF 1.0%
- PROPOSED ROOF DRAIN BUILDING CONNECTION MINIMUM INVERT 121.50'
- PROPOSED ROOF DRAIN CLEANOUT
- PROPOSED GAS LATERAL
- PROPOSED GAS CONNECTION TO EXISTING GAS VALVE. CONTRACTOR TO COORDINATE FINAL TERMINATION POINT WITH UTILITY COMPANY PRIOR TO ANY WORK
- PROPOSED GAS METER. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY PRIOR TO ANY WORK
- PROPOSED 4" CONDUIT FOR ELECTRICAL SERVICE. REFER TO ELECTRICAL DRAWINGS FOR DETAILS.
- PROPOSED ELECTRICAL EQUIPMENT TO BE PLACED AT A MINIMUM OF ELEV. 126, ONE FOOT ABOVE FLOOD PLAIN.
- PROPOSED ELECTRICAL AND DATA POINT OF CONNECTION AT EXISTING UTILITY POLE. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY PRIOR TO ANY WORK COMMENCING.
- PROPOSED 2"-2" CONDUITS FOR TELECOMMUNICATION SERVICE. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY PRIOR TO ANY COMMENCEMENT OF WORK.
- PROPOSED DOMESTIC WATER SERVICE LATERAL TO CONNECT TO PROPOSED WATER VALVE BOX AND CURB STOP.
- PROPOSED 1-1/2" DOMESTIC WATER SERVICE.
- PROPOSED SEWER CLEAN-OUT.

UTILITY NOTES:

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND /OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING COMPLETE OR EXACT. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- REFER TO ARCHITECTURAL PLANS FOR SITE ELECTRICAL PLANS.
- MINIMUM HORIZONTAL SEPARATION OF 10 FEET REQUIRED BETWEEN SANITARY SEWER AND WATER LINES.
- MINIMUM VERTICAL SEPARATION OF 2 FEET REQUIRED BETWEEN SANITARY SEWER AND WATER LINES
- CONTRACTOR TO EVALUATE THE CONDITION OF THE EXISTING WATER CONNECTION FOR REUSE PRIOR TO CONSTRUCTION.
- NOT USED.
- CONTRACTOR TO PROVIDE POWER CONNECTIONS TO SITE LIGHTING AND BUILDING SIGNS AS REQUIRED.
- CONTRACTOR TO MAINTAIN A MINIMUM OF 3 FEET OF COVER FOR ALL PROPOSED SEWER LATERALS AND A MINIMUM OF 4 FEET OF COVER OVER PROPOSED WATER LINES.
- PROPOSED SANITARY SEWER LATERAL IS TO BE PRIVATELY OWNED AND MAINTAINED.
- THE TOWNSHIP ENGINEER OR REPRESENTATIVE SHALL OBSERVE ALL TESTING OF THE BUILDING SEWER LATERAL. ALL EQUIPMENT AND MATERIALS REQUIRED FOR TESTING SHALL BE FURNISHED BY THE OWNER OF THE IMPROVED PROPERTY TO BE CONNECTED TO A SEWER. THE COST OF INSPECTION SHALL BE BORNE BY THE OWNER.
- NO BUILDING SEWER SHALL BE COVERED UNTIL IT HAS BEEN INSPECTED, TESTED AND APPROVED. IF ANY PART OF A BUILDING SEWER IS COVERED PRIOR TO INSPECTION, TESTING AND APPROVAL, IT SHALL BE UNCOVERED FOR INSPECTION AND TESTED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
- SEPARATE UTILITY PERMIT APPLICATIONS WILL BE REQUIRED FOR ANY PROPOSED UTILITY WORK (GAS, ELECTRIC, WATER, ETC.) IN MADOT ROW. APPLICANT HAS TO BE THE RESPECTIVE UTILITY COMPANY.
- CONTRACTOR TO VERIFY SIZE AND INVERT OF EXISTING SANITARY TIE-IN PRIOR TO BEGINNING OF CONSTRUCTION TO SEE IF EXISTING LATERAL IS ADEQUATE FOR PROPOSED SANITARY SEWER LATERAL.

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CLIENT

CHASE

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Know what's below. Call before you dig.

REVISIONS

| REV | DATE | COMMENT | BY |
|-----|----------|---------------------------------|-----|
| 1 | 06/01/20 | REVISED PER TOWNSHIP COMMENTS | KGF |
| 2 | 07/30/20 | REVISED PER COMMENTS | MAL |
| 3 | 08/12/20 | REVISED PER COMMISSION COMMENTS | KGF |
| 4 | 08/25/20 | REVISED PER PLANNING COMMENTS | MP |
| 5 | 09/02/20 | REVISED PER PLANNING COMMENTS | KGF |

DOCUMENT SITE PLAN APPROVAL FOR CHASE BANK

SITE LOCATION MAIN STREET & BAKER AVENUE 1134 MAIN STREET CONCORD, MA 01742

ENGINEER SEAL

ALAN D. ROSCOE, P.E.
MA LICENSE #40163
SHEET TITLE
UTILITY PLAN

JOB #: JPM-27599
DATE: 04/28/2020
SCALE: AS SHOWN
DRAWN BY: CC
CHECKED BY: TP

SHEET NO.
C-6

STORM STRUCTURE TABLE

| STRUCTURE NAME | STRUCTURE TYPE | RIM | UPSTREAM PIPE NAME | UPSTREAM PIPE INV | DOWNSTREAM PIPE NAME | DOWNSTREAM PIPE INV | DOWNSTREAM PIPE LENGTH | DOWNSTREAM PIPE SIZE AND TYPE | DOWNSTREAM PIPE SLOPE |
|----------------|----------------------|---------|--------------------|-------------------|----------------------|---------------------|------------------------|-------------------------------|-----------------------|
| A1 | EXISTING CATCH BASIN | 124.740 | STM 1 | 119.24' | STM 1 | 119.31' | 9.64' | 12" CLASS III RCP | 0.70% |
| A2 | PROPOSED CATCH BASIN | 124.101 | STM 2 | 119.31' | STM 2 | 119.53' | 31.18' | 12" CLASS III RCP | 0.70% |
| A3 | PROPOSED MANHOLE | 125.518 | STM 3 | 119.53' | STM 3 | 119.76' | 33.80' | 12" CLASS III RCP | 0.70% |
| A4 | PROPOSED CATCH BASIN | 124.050 | STM 4 | 119.76' | STM 4 | 120.08' | 44.84' | 12" CLASS III RCP | 0.71% |
| A5 | EXISTING CATCH BASIN | 123.401 | | | | | | | |

ALERT TO CONTRACTOR:

PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OF THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM ENGINEER AND THE OWNER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. ENGINEER AND OWNER SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.