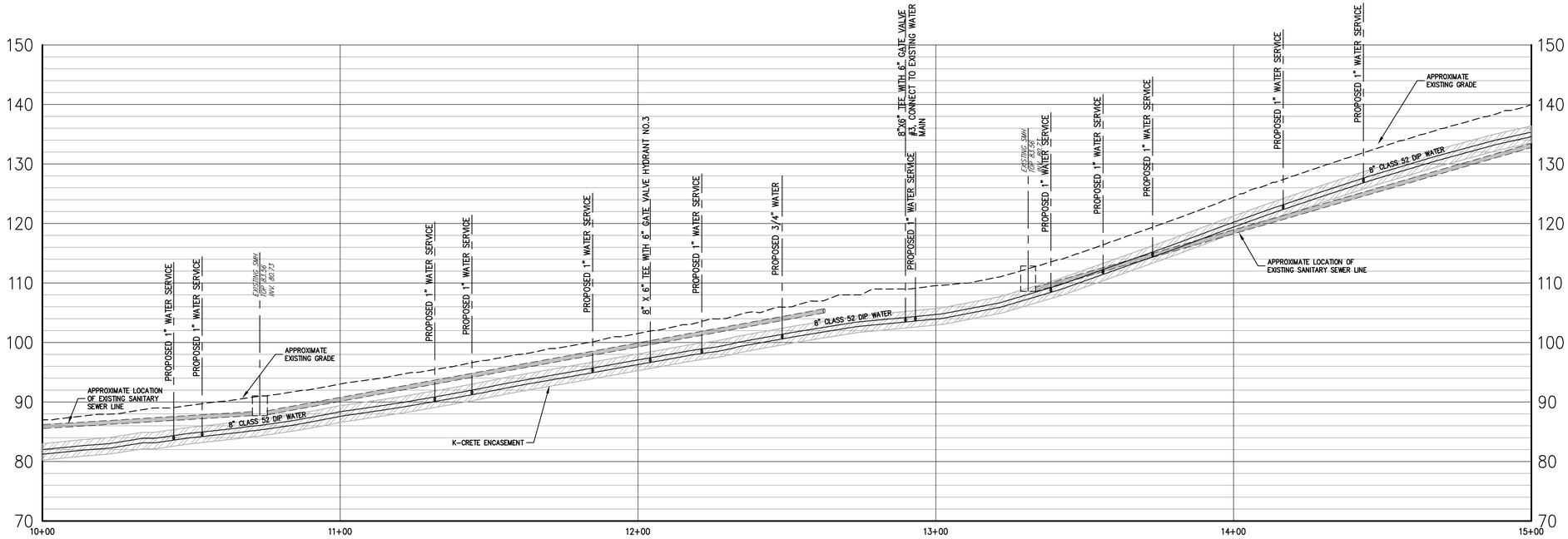
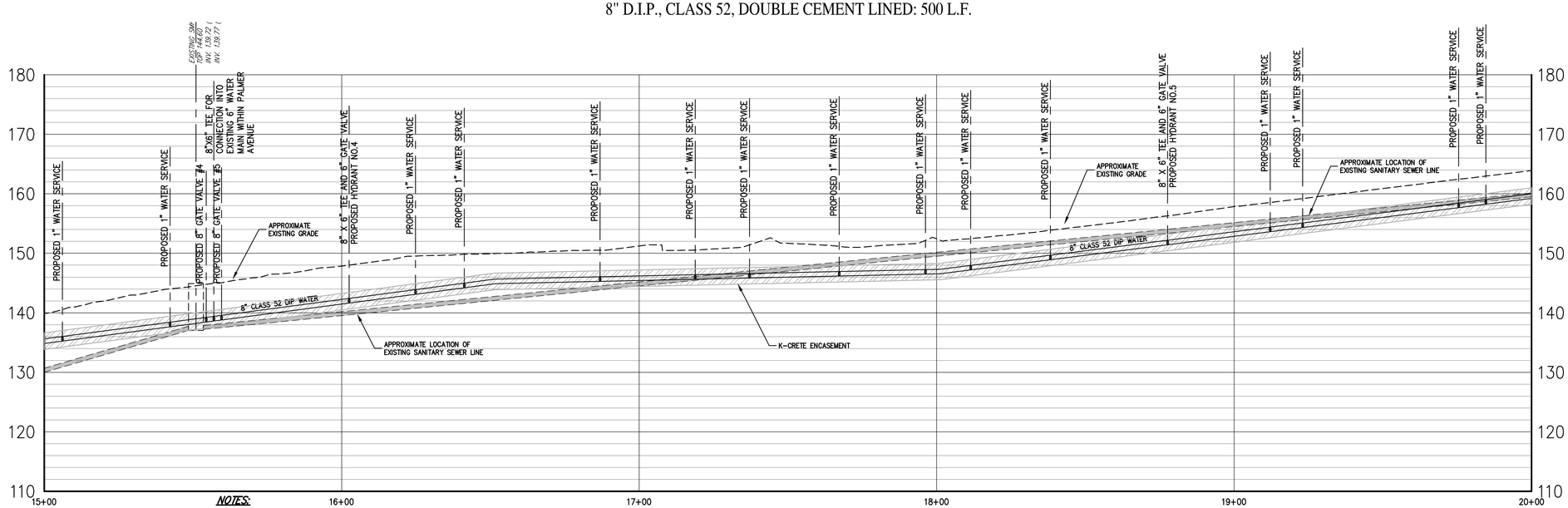



# WATERMAIN ALIGNMENT

VERTICAL SCALE: 1" = 10'
HORIZONTAL SCALE: 1" = 20'
8" D.I.P., CLASS 52, DOUBLE CEMENT LINED: 500 L.F.




**NOTES:**

1. UNLESS OTHERWISE SPECIFIED, PIPE FOR WATER LINES SHALL BE DOUBLE CEMENT-LINED DUCTILE IRON PIPE (DIP), CLASS 52, WITH PUSH-ON JOINTS IN ACCORDANCE WITH AWWA C-150, C-151, C-104 AND C-111.
2. DISINFECTION AND BACTERIOLOGICAL TESTING OF NEW WATER MAINS SHALL BE PERFORMED IN ACCORDANCE WITH AWWA STANDARD C-651 LATEST EDITION. THE CROTON-ON-HUDSON WATER DEPARTMENT MUST WITNESS PRESSURE TEST PERFORMED FOR EACH SECTION OF THE NEWLY INSTALLED WATER MAIN. PRESSURE AND BACTERIOLOGICAL TESTS OF EACH SECTION OF NEW WATER MAIN MUST BE ACCEPTED BY THE CROTON-ON-HUDSON WATER DEPARTMENT AND THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH PRIOR TO MAINS BEING PUT IN SERVICE.
3. ALL WATER MAIN PIPES SHALL BE TESTED BY HYDROSTATIC PRESSURE, FIFTY (50) PERCENT IN EXCESS OF THE NORMAL PSI WORKING PRESSURE BUT NOT LESS THAN 150 PSI OR MORE THAN THE DESIGN RATING OF THE PIPE OR APPURTENANCES, IN ACCORDANCE WITH AWWA SPECIFICATION C-600.
4. MINIMUM WATER MAIN DEPTH OF FOUR (4) FEET IS REQUIRED.
5. THE VILLAGE OF CROTON-ON-HUDSON, WCDH AND JOHN MEYER CONSULTING PC MUST BE NOTIFIED, IN WRITING, 48 HOURS IN ADVANCE OF ANY WATER MAIN TESTING.
6. ALL WATER SERVICE CROSSINGS SHALL MAINTAIN 18" VERTICAL SEPARATION FROM ALL SEWERS.
7. FOR SEQUENCE OF CONSTRUCTION, SEE NOTES ON DRAWING SP-2.
8. APPROXIMATE LOCATION OF BEDROCK BORINGS PERFORMED BY TODD J. SYSKA, INC. SEE RESULTS DATED JULY 9, 2014 WITHIN THE PROJECT SPECIFICATIONS.

# WATERMAIN ALIGNMENT

VERTICAL SCALE: 1" = 10'
HORIZONTAL SCALE: 1" = 20'
8" D.I.P., CLASS 52, DOUBLE CEMENT LINED: 500 L.F.

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

| NO. | REVISION | DATE | BY |
|---|---|---|---|
| 1. | REVISED/ISSUED IN RESPONSE TO WCDH COMMENTS | 01/04/2013 | RC |
| 2. | REVISED/ISSUED IN RESPONSE TO WCDH COMMENTS | 08/19/2013 | CTC |
| 3. | REVISED PER CON EDISON COMMENTS | 06/18/2015 | DS |
| 4. | REVISED PER CON EDISON COMMENTS | 08/05/2015 | DM |

*Previous Editions Obsolete*

DRAWING: RC APPROVED: RR
SCALE: H: 1"=20' – V: 1"=10'
DATE: 06/15/2012
PROJECT No: 11059
DWG: 11059-UTIL-C-S-02 TAB: SP-13 SCR: 23_GRADUTIL
DRAWING No: SP-13

APPLICANT/OWNER:
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