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NOT TO SCALE

WATERMAIN DISINFECTION & TE 1. THE CONTRACTOR SHALL NOTIFY THE CITY OF BEACON WA PRIOR TO TESTING AND SHALL ALSO COORDINATE HIS ACTION ENGINEER SO AS TO AVOID UNDUE DISTURBANCE OF THE WAT 2. THE CONTRACTOR SHALL INFORM THE DESIGN ENGINEER'S OFFICE A MINIMUM OF 24 HOURS PRIOR TO TESTING SUCH TH TAKE PLACE AND PROPER CERTIFICATIONS CAN BE ISSUED. 3. ALL NEWLY INSTALLED WATER MAINS SHALL BE FLUSHED VELOCITY OF 2.5 FT/SECOND BEFORE AND AFTER DISINFECTION 4. ALL WATER LINES SHALL BE DISINFECTED USING THE PROC IN THE LATEST EDITION OF AWWA C651 SPECIFICATIONS FOR WATER LINES (WITH THE EXCEPTION OF THE TABLET METHOD). THE NEW MAIN SHALL RECEIVE A DOSE OF CHLORINE FED AT SUCH THAT THE WATER WILL HAVE NOT LESS THAN 25 MG/L CHLORINE APPLICATION SHALL NOT CEASE UNTIL THE ENTIRE HEAVILY CHLORINATED WATER. 5. DISINFECTED WATER SHALL REMAIN IN THE NEWLY INSTALI A MINIMUM OF 24 HOURS. AFTER THIS RETENTION PERIOD, CHLORINATED WATER SHALL BE FLUSHED FROM THE MAIN UN MEASUREMENTS SHOW A CONCENTRATION IN THE WATER LEAV NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEI BACTERIOLOGICAL SAMPLING FOR SUBMITTAL TO STATE HEALTH SHALL BE PERFORMED BY THE CONTRACTOR. 6. WATER SAMPLES SHALL BE TESTED FOR TOTAL COLIFORM, (HETEROTROPHIC PLATE COUNT), TURBIDITY & COLOR. 7. CONTRACTOR WILL CONTINUE FLUSHING AND DISINFECTION ACCEPTABLE BACTERIOLOGICAL RESULTS ARE OBTAINED. TWO SAMPLES ARE TO BE TAKEN AT TWENTY-FOUR (24) HOUR I 8. THE ENVIRONMENT INTO WHICH THE HEAVILY CHLORINATED DISCHARGED SHALL BE INSPECTED, AND IF THERE IS ANY LIF CHLORINATED DISCHARGE WILL CAUSE DAMAGE, THEN A REDU BE APPLIED TO THE WATER TO BE WASTED TO THOROUGHLY CHLORINE RESIDUAL IN THE WATER. PERMITS MAY BE REQUIRE ENGINEER SHALL BE NOTIFIED PRIOR TO DISPOSAL OF HIGHLY

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FINISHED GRADE (SEE PLAN FOR FINAL TREATMENT)	 SANITARY SEWER NOTES: 1. THE PROPOSED APARTMENTS ARE TO BE SERVED BY THE CITY OF BE INSTALLATION OF ALL COMPONENTS SHALL BE PERFORMED IN ACCORDANTHE CITY CODE, CHAPTER 179. 2. REFER TO THE DUTCHESS COUNTY DEPARTMENT OF HEALTH STANDARPERTINENT INFORMATION. 3. THE DUTCHESS COUNTY DEPARTMENT OF HEALTH, CITY OF BEACON OF THE CERTIFYING PROFESSIONAL ENGINEER SHALL BE NOTIFIED PRIOR TO MAIN INSTALLATION. 4. SEWER MAIN MATERIAL SHALL BE 8" DIAMETER SDR-35 OR SDR-26 SEWER PIPE, WITH GASTIGHT AND WATERTICHT JOINTS. 5. SEWER MAIN SHALL BE LAID IN STRAIGHT ALIGNMENT. MANHOLES SHA CHANGES IN SLOPE, ALIGNMENT OR AT INTERVALS NOT EXCEEDING 400 ALIGNMENT SHALL BE VERIFIED BY DEFLECTION TESTING. 6. THE SEWER MAIN SHALL BE INSTALLED AND TESTED FOR EXFILTRATIO OPERATE. ALL NEW SANITARY SEWER GRAVITY LINES SHALL PASS A LO ACCORDANCE WITH ASTM C-828 AT A PRESSURE OF 3.5 PSI. 7. MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH ASTM C EXCEEDS THE SPECIFIED AMOUNT, THE NECESSARY REPARS OR REPLACE MADE TO REDUCE THE PRESSURE DROP TO WITHIN THE SPECIFIED LIMIT, REPEATED UNTIL THE REQUIREMENT IS MET. 8. SERVICE LATERALS SHALL BE 4" DIAMETER SDR-35 PVC WITH A MINI OTHERWISE NOTED ON THE PLAN. 9. ALL SANITARY SEWER MAINS AND MANHOLES UP TO, BUT NOT INCLUI SHALL BE OWNED, OPERATED AND MAINTAINED BY THE HOMEOWNERS AS 	NCE WITH THE REQUIREMENTS OF RD NOTES FOR ADDITIONAL CHIEF SEWER OPERATOR, AND COMMENCEMENT OF THE SEWER PVC BELL AND SPIGOT GRAVITY ALL BE CONSTRUCTED AT ALL LINEAR FEET. STRAIGHT ON PRIOR TO BEING PERMITTED TO OW PRESSURE AIR TEST IN C=1244. IF PRESSURE DROP EMENTS REQUIRED SHALL BE AND THE TESTS SHALL BE IMUM SLOPE OF 2%, UNLESS DING, THE EXISTING MANHOLE
FINAL GRADE EXISTING GROUND NYSDOT ITEM 304.12 MECHANICALLY COMPACTED TO 95% STANDARD PROCTOR IN 6" MAX. LIFTS MAX. LIFTS 8"ø SDR-35 OR SDR-26 PVC SANITARY SEWER MAIN @ 0.4 FT PER 100 FT MINIMUM SLOPE (SEE PLAN AND PROFILES FOR PIPE MATERIALS) EET ALL OSHA REQUIREMENTS. AMETER SDR-26 PVC BELL AND T AND WATERTIGHT JOINTS. N TRENCH DETAIL CALE	<image/>	PROPOSED SEWER MAIN REMENTS. ATERIALS, DEBRIS, MATERIALS. IF THE UITABLE BACKFILL
Image: Construct of the second sec	TO THE DUTCHESS COUNTY DEPARTMENT OF HEALTH STANDARD NOTES F ON. TER MAIN SHALL BE INSTALLED, PRESSURE TESTED AND LEAKAGE TESTE INTON OF AWWA C600 (SEE NOTES BELOW). TCHESS COUNTY DEPARTMENT OF HEALTH, CITY OF BEACON WATER OPER NAL ENGINEER SHALL BE NOTIFIED PRIOR TO COMMENCEMENT OF THE W/ TER MAIN SHALL BE DISINFECTED IN ACCORDANCE WITH THE LATEST EDI JOW). MAIN MATERIAL SHALL BE CLASS 52 CEMENT LINED DUCTILE IRON PIPE T THE REQUIREMENTS OF AWWA C150 AND ANSI A21.51. IG RESTRAINING SYSTEMS SHALL BE USED AT ALL FITTINGS, VALVES AND 14). ALVES SHALL BE MUELLER RESILIENT WEDGE, NON-RISING STEM, MECHAN ITS SHALL BE AJ4* COPPER K, UNLESS OTHERWISE NOTED ON THE DUTRACTOR SHALL VERIFY THE EXISTING WATER MAIN MATERIAL AND BE OUPLING FOR CONNECTION OF THE PROPOSED DUCTILE IRON WATER MAIN SSURE REDUCING VALVE SHALL BE INSTALLED FOR EACH NEW TOWNHOME APPROVED BY THE CITY OF BEACON WATER DEPARTMENT. ITY OF BEACON SHALL ONN, OPERATE AND MAINTAIN THE WATER MAIN ALL APPURTENANCES. 0A OR OWNER SHALL BUTSTED IN ACCORDANCE WITH THE REQUIREMENTS 10, EXCEPT AS ADDED OR AMENDED BELOW: NITRACTOR SHALL ANNUALLY EXERCISE ALL WATER VALVES. MAIN PRESSURE & LEAKAGE TESTING ALL PIPING SHALL BE TESTED IN ACCORDANCE WITH THE REQUIREMENTS 10, EXCEPT AS ADDED OR AMENDED BELOW: NITRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECE PIPE TAPS FOR TESTING, AND AS NECESSARY FOR TESTING AS SPECIFIEI ENGINEER MAY INSTALL HIS OWN PRESSURE GAUGE. SURE TEST AND LEAKAGE TEST ARE REQUIRED FOR ALL PIPE. G TO BE PERFORMED ONLY AFTER PARTIAL OR COMPLETE BACKFILL AND Y CEMENT) HAS HAD 36 HOURS TO CURE OR BLOCKING USING STANDAR AN SHALL BE PARTIALLY BACKFILLED ON BRACED AGAINST MOVEMENT DU BELED OUT OF THE SECTION TO BE TESTED. IF NECESSARY, CONTRACTORS THE HIGH POINTS, FOR BLOW-OFFS. AFTER ALL AIR HAS BEEN EXPELID COSED AND THE PRESSURE TEST APPLIED. AFTER EXAMINATION OF EX PRESSURE SHALL BE INCREASED TO 1 1/2 TIMES THE NORMAL PRESSUR OF THE LEAKAGE TEST SHALL BE TWO (2) HOURS. INTRACTORS THAN ALLOWABLE, CONTRA	INTS OF THE CITY CODE, FOR ADDITIONAL PERTINENT D IN ACCORDANCE WITH THE RATOR, AND THE CERTIFYING ATER MAIN INSTALLATION. TION OF AWWA C651 (SEE WITH MECHANICAL JOINTS AND D HYDRANTS (SEE SCHEDULE IICAL JOINT. E BEFORE THE HYDRANT. PLAN. PREPARED TO PROVIDE A A. E, WATTS MODEL 25AUB–Z3 OR THROUGHOUT THE SITE, OF THE LATEST EDITION OF ESSARY FOR ANY AND ALL D. EQUIPMENT WILL BE SUCH RESTRAINT BLOCKING (USING ED CEMENT HAS HAD 7 DAYS JRING THE TEST. ALL AIR E SHALL INSTALL CORPORATION ED, THE CORPORATION COCKS (POSED PARTS OF THE SYSTEM, IE, BASED UPON THE SUCH PRESSURE SHALL NOT AMINED. THE MINIMUM IF LEAKAGE IN SYSTEM IS S EXPENSE AND RETEST, IE LIMITS.
SURFACE TREATMENT PLAN SURFACE TREATMENT FROUND SURFACE TREATMENT WITH TREATMENT SURFACE TREATMENT SURFACE ADOVE LINE WATER MAIN MATERIAL SHALL BE CLASS SURFER MAIN MATERIAL SHALL BE CLASS SURFER MAIN MATERIAL SHALL BE CLASS SUBTION AND TRENCHING SHALL BE SUBTION AND TREATMENT <td>52 CEMENT LINED DUCTILE IRON EET THE REQUIREMENTS OF AWWA RWISE ON THE PLANS. CH DETAIL</td> <td></td>	52 CEMENT LINED DUCTILE IRON EET THE REQUIREMENTS OF AWWA RWISE ON THE PLANS. CH DETAIL	
$\begin{array}{c} 23 - 28 \\ 23 \\ 23 \\ 32 \\ 0 \\ 23 \\ C \\ DUTCHES \\ TAX \\ II \\ \end{array}$	D SEWER DETAILS REEK DRIVE -28 CREEK ROAD ITY OF BEACON SS COUNTY, NEW YORK D: 6054-37-037625 DRAWING IS A VIOLATION OF SECTION 7209.2 OF THE	JOB #: 2018:029 DATE: 10/23/2018 SCALE: AS SHOWN TITLE: D-3 SHEET: 12 NEW YORK EDUCATION LAW