

UTILITY NOTES:

- THE SETBACK LINES AND NOTES RELATING TO SETBACK SHOWN HEREON ARE INTENDED TO SHOW APPLICABLE ZONING REQUIREMENTS OF THE CITY OF ROCHESTER AS OF THE DATE OF 1 THIS MAP AND ARE NOT INTENDED TO IMPOSE ANY ADDITIONAL RESTRICTIONS OTHER THAN SAID ZONING REQUIREMENTS.
- BUILDINGS SHOWN ON THIS PLAN ARE GRAPHICAL REPRESENTATIONS ONLY.
- ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE CITY OF ROCHESTER, THE APPROPRIATE AGENCIES (IE, CITY OF ROCHESTER WATER BUREAU, AND THE MONROE COUNTY HEALTH DEPARTMENT) UNLESS
- THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS IN THE AREAS OF CONSTRUCTION. FOR DESCRIPTIVE AND SURVEY DATA ON THE CONTROL MONUMENTS, CALL THE MONROE COUNTY GEODETIC SURVEY OFFICE.
- THE DEVELOPER'S AND CONTRACTOR'S ATTENTION IS DIRECTED TO LOCAL LAW NO. 6 OF 1971 REGARDING LIABILITY INCURRED THROUGH DISTURBANCES OR DESTRUCTION OF GEODETIC SURVEY MONUMENTS.
- 6. EXISTING UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM FIELD LOCATIONS AND OR AVAILABLE UTILITY COMPANY RECORD PLANS. EXISTING UTILITIES WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL CALL THE UFPO HOTLINE AT 1(800)962-7962 OR 811 FOR STAKE-OUT OF EXISTING UTILITIES.
- THE CONTRACTOR SHALL DETERMINE EXACT LOCATION AND ELEVATION OF UNDERGROUND UTILITIES BEFORE COMMENCING CONSTRUCTION. CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS TO LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS.
- ALL UNDERGROUND UTILITY LINES AND SERVICES IN PROPOSED PAVEMENT AREAS SHALL BE BACKFILLED WITH #1 AND #2 CRUSHER RUN STONE PLACED IN 8" LIFTS AND COMPACTED TO 95% MAXIMUM DRY DENSITY. THROUGH AN INDEPENDENT TESTING LABORATORY. THE CONTRACTOR WILL PROVIDE A MINIMUM OF TWO PASSING TESTS PER TRENCH CROSSING CERTIFYING 95% COMPACTION AT THE SUBBASE ELEVATION. EACH TEST IS NOT TO EXCEED
- ALL PIPE CROSSINGS TO BE STONED FROM BOTTOM TRENCH OF LOWER PIPE TO SPRING LINE OF UPPER PIPE.

SANITARY SEWER:

- 10. ALL SANITARY SEWERS ARE IN COMPLIANCE WITH THE SPECIFICATIONS AND SEWER POLICY OF THE CITY OF ROCHESTER.
- 11. SANITARY SEWERS, LATERALS, AND APPURTENANCES SHALL BE CONSTRUCTED ACCORDING TO MONROE COUNTY DEPARTMENT OF HEALTH STANDARD SANITARY SEWER THE SPECIFICATIONS OF THE CITY OF ROCHESTER.
- 12. SANITARY SEWER PIPE SHALL BE (8" PVC SDR-35) OR AS NOTED ON THE PLAN.
- 13. NEW SEWERS ARE TO BE PLUGGED WHEN CONNECTED TO EXISTING MANHOLES UNTIL THE NEW SEWERS ARE FLUSHED, TESTED, AND READY FOR SERVICE.

- 14. STORM SEWERS, LATERALS AND APPURTENANCES SHALL BE CONSTRUCTED ACCORDING TO THE SPECIFICATIONS OF THE CITY OF ROCHESTER.
- 15. STORM SEWER PIPE SHALL BE HDPE OR AS NOTED ON THE PLAN
- 16. CHECK VALVES TO BE PROVIDED ON SUMP PUMPS.

RWB WATER MAIN AND SERVICE NOTES

BE COVERED IN A WATER TIGHT MANNER.

WATER ENGINEERING TO SCHEDULE THE MEETING.

HTTP://WWW.CITYOFROCHESTER.GOV/WATERDOCUMENTS/.

LATERALS AND SERVICES:

- 17. ALL LATERALS OR SERVICES SHALL BE AS NOTED BELOW UNLESS OTHERWISE NOTED ON THE
- 8" PVC FROM WATERMAIN TO RPZ BOX 8" PVC FROM RPZ BOX TO FIRE HYDRANT 2" PE #4710 FROM RPZ BOX TO BUILDING
- SANITARY 6" PVC SDR-21 INSTALLED AT 1% MIN SLOPE. STORM - 6" PVC SDR-35 INSTALLED AT 1% MIN SLOPE.
- 18. WATER METER(S) ARE TO BE LOCATED WITHIN THE HEATED ENCLOSURE BY RIGHT-OF-WAY. ON METERED SERVICES REQUIRING A 14 INCH OR LARGER METER, A BY-PASS AROUND THE
- 19. ANY LAUNDRY WASTEWATER SHALL BE DIRECTED TO THE SANITARY SEWER.
- 20. CLEANOUTS FOR STORM LATERALS SHALL BE INSTALLED AT ALL HORIZONTAL BENDS AND AT 100' INTERVALS ALONG THE LATERAL. CLEANOUTS FOR SANITARY LATERALS SHALL BE INSTALLED AT THE RIGHT-OF-WAY OR EASEMENT LINE, AT ALL BENDS 45° OR GREATER, AND PURE WATERS NOTES: AT 85-100 FOOT INTERVALS THEREAFTER.

WATER MAINS AND APPURTENANCES TO BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATIONS AND SPECIFICATIONS OF THE ROCHESTER WATER BUREAU. ALL PIPE PRODUCTS, FITTINGS AND ACCESSORIES SHALL CONFORM TO THE LATEST ROCHESTER WATER BUREAU (RWB) APPROVED PRODUCTS LIST WHICH CAN BE FOUND ON THE CITY WEB SITE:

2. ALL NEW WATER MAINS AND SERVICES SHALL BE INSTALLED WITH A MINIMUM COVER DEPTH FROM PROPOSED FINISHED GRADE OF 4.5 FEET FOR DOMESTIC MAINS AND 5.0 FEET FOR

3. THE ROCHESTER WATER BUREAU REQUIRES THAT A HYDRANT USE PERMIT BE OBTAINED BY THE CONTRACTOR PRIOR TO USING ANY HYDRANT AS A SOURCE OF WATER SUPPLY. THE PERMIT REQUIRES THE USE OF A WATER METER AND A BACKFLOW PREVENTER. THE WATER BUREAU WILL SUPPLY A WATER METER AND BACKFLOW PREVENTER WITH THE PERMIT. THE PERMIT FEE INCLUDES A REFUNDABLE DEPOSIT FOR THE USE OF THE WATER METER AND

4. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING NEAR WATER MAINS WHICH ARE TO BE RETAINED. NO VIBRATORY EQUIPMENT IS TO BE USED OVER OR ADJACENT TO EXISTING

APPROPRIATE MEASURES SHALL BE TAKEN TO PREVENT DIRT, DEBRIS, SURFACE AND GROUND

WATER FROM CONTAMINATING THE WATER MAIN AND WATER SERVICE. THE WATER LEVEL IN THE EXCAVATION AT OPEN PIPE ENDS SHALL NEVER BE LESS THAN 12 INCHES BELOW THE

INVERT OF THE WATER MAIN. WHENEVER AN OPEN PIPE END IS LEFT UNATTENDED, IT SHALL

6. STAINLESS STEEL INSERTS ARE REQUIRED ON ALL POLYETHYLENE (PE) SERVICE FITTINGS.

7. TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER MAINS AND WATER

8. A PRECONSTRUCTION MEETING IS REQUIRED WITH THE ROCHESTER WATER BUREAU AFTER THE ISSUING OF A PERMIT, BUT BEFORE CONSTRUCTION OF THE WATER MAIN OR SERVICE BEGIN. CONTACT THE ROCHESTER WATER BUREAU AT (585) 428-7500 AND REQUEST TO SPEAK TO

MONROE COUNTY DEPARTMENT OF HEALTH STANDARD WATER MAIN EXTENSION NOTES:

- THE WATER MAIN PIPELINE SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS DESIGNATION C651 (LATEST REVISION). FOLLOWING DISINFECTION THE WATER MAIN PIPELINE SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM.
 - ALL WATER MAIN PIPE FITTINGS NOT RECEIVING 24—HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SWAB-DISINFECTED 30 MINUTES PRIOR TO INSTALLATION.

THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING.

FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS.

- THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH MUST RECEIVE AT LEAST 48-HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL (ENGINEER, ARCHITECT OR LAND SURVEYOR WITH A SPECIAL EXEMPTION UNDER SECTION 7208(N) OF THE EDUCATION LAW) CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS. TESTING AND DISINFECTION PROCÉDURES WERE COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS. REPORTS. SPECIFICATIONS AND ANY APPROVED AMENDMENTS. THE DEPARTMENT WILL COLLECT SAMPLES FOR FREE CHLORINE RESIDUAL, TOTAL COLIFORM, ESCHERICHIA COLI (E. COLI) AND TURBIDITY.
- THE WATER MAIN PIPE AND APPURTENANCES SHALL NOT BE PLACED INTO SERVICE UNTIL SO AUTHORIZED BY THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH.
- MINIMUM VERTICAL SEPARATION BETWEEN WATER MAIN PIPELINES AND SEWER PIPELINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN PIPE SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPELINE PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAIN PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.
- WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN SEVEN (7) FEET OF THE FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE
- THE WATER MAIN PIPELINE AND APPURTENANCES SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600, C602, C604. OR C605 (MOST RECENT VERSION AS APPLICABLE) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER.

- MAXIMUM ALLOWABLE INFILTRATION OR EXFILTRATION SHALL NOT EXCEED 100 GALLONS PER INCH DIAMETER PER MILE OF PIPE PER DAY FOR THE SANITARY SEWER. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM DESIGNATION C828-86 ENTITLED PRACTICE FOR LOW-PRESSURE AIR TEST OF VITRIFIED CLAY PIPE LINES. SANITARY MANHOLES SHALL BE VISUALLY INSPECTED AND TESTED FOR LEAKAGE BY EXFILTRATION OR VACUUM. VACUUM TESTING OF MANHOLES SHALL COMPLY WITH THE METHOD OUTLINED IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION - TECHNICAL INFORMATION PAMPHLET (TIP) NO. 15 (LATEST REVISION).
- FLOOR DRAINS, IF CONSTRUCTED IN THE PROJECT, MUST BE CONNECTED TO THE SANITARY SEWER. NOTE: FLOOR DRAINS DO NOT INCLUDE FOUNDATION OR FOOTER DRAINS INSTALLED TO INTERCEPT UNCONTAMINATED GROUND WATER. ALL DISCHARGES FROM THE FLOOR DRAINS TO THE SANITARY SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE MONROE COUNTY SEWER USE LAW.
- DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
- MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING, ONE FULL STANDARD LAYING LENGTH OF WATER MAIN PIPE SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPELINE PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.

- PRIOR TO CONSTRUCTION. A PERMIT MUST BE OBTAINED FROM THE ROCHESTER PURE WATERS DISTRICT PERMIT OFFICE AT 350 EAST HENRIETTA ROAD, ROCHESTER NY 14620 (274-7838 OR 274-7839).
- 2. THE ROCHESTER PURE WATERS DISTRICT (RPWD) SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS IN ADVANCE OF CONNECTION OR TAP. THE RPWD SHALL MAKE ALL TAPS TO THE SANITARY/STORM/COMBINATION SEWER. TAP FEE SHALL BE \$100 PER TAP.
- 3. SANITARY/STROM/COMBINATION SEWER LATERAL AND APPURTENANCES SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE REQUIREMENTS OF THE RPWD.
- 4. CLEANOUTS SHALL BE INSTALLED ON EACH SANITRARY/STORM/COMBINATION LATERAL AT THE PROPERTY LINE OR THE RPWD EASEMENT LINE.
- 5. FLOOR DRAINS, IF CONSTRUCTED, SHALL BE CONNECTED TO THE SANITARY/COMBINATION SEWER. FLOOR DRAINS DO NOT INCLUDE FOUNDATION/ FOOTER DRAINS.

NOTE: ALL DISCHARGES TO THE SANITARY/COMBINATION SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND /OR THE MONROE COUNTY SEWER USE LAW.

CONSTRUCTION EROSION CONTROL NOTES:

- 1. THE PROJECT DOES NOT HAVE STORMWATER DISCHARGES TO WATERS OF THE UNITED STATES AND IS NOT REQUIRE TO OBTAIN COVERAGE UNDER THE NYSDEC GENERAL PERMIT GP-0-20-001. EROSION CONTROL MEASURES ARE TO BE PROVIDED AS INDICATED ON THE CONSTRUCTION AND EROSION CONTROL PLAN AND ARE INTENDED TO CONFORM WITH THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- THE OWNER IS RESPONSIBLE FOR IMPLEMENTING THE PROPOSED EROSION CONTROL MEASURES. THE OWNER'S CONTRACTOR, SUB-CONTRACTOR AND ALL OTHERS ASSOCIATED WITH THE IMPLEMENTATION OF THE PLAN SHALL BE FAMILIAR WITH THE PLAN AND TAKE ADDITIONAL MEASURES AS NECESSARY TO PREVENT SEDIMENT FROM ENTERING INTO THE CITY OF ROCHESTER'S COMBINED SEWER.
- 3. ANY MODIFICATIONS OR DEVIATIONS FROM THE EROSION CONTROL, MEASURES, OR STORMWATER MANAGEMENT FACILITY, SHALL BE REVIEWED WITH THE DESIGN ENGINEER AND DOCUMENTED.
- THE OWNER'S CONTRACTOR/REPRESENTATIVE SHALL IDENTIFY AT LEAST ONE INDIVIDUAL TO BE TRAINED FROM THEIR COMPANY THAT WILL BE RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION CONTROL MEASURES. THE INDIVIDUAL MUST RECEIVE (4) HOURS OF NYSDEC TRAINING EVERY (3) YEARS. THE OWNER/OPERATOR SHALL ENSURE THAT AT LEAST ONE OF THE TRAINED INDIVIDUALS IS ON SITE ON A DAILY BASIS WHEN SOIL DISTURBANCE ACTIVITIES ARE BEING PERFORMED.
- FOR DISTURBANCES OF 5 ACRES AND GREATER, IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED. THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 7 DAYS. FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY GROUNDCOVER, THE DISTURBED AREAS SHALL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL. ADDITIONAL TIME FRAMES FOR STABILIZATION ARE SUBJECT TO THE REQUIREMENTS OF A REGULATED TRADITIONAL LAND USE MS4.
- FOR DISTURBANCES LESS THAN 5 ACRES, IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 14 DAYS. FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY GROUNDCOVER, THE DISTURBED AREAS SHALL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL. ADDITIONAL TIME FRAMES FOR STABILIZATION ARE SUBJECT TO THE REQUIREMENTS OF A REGULATED TRADITIONAL LAND USE MS4.
- THE OWNER'S CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, CLEANING, REPAIR AND REPLACEMENT OF EROSION CONTROL MEASURES DURING SITE CONSTRUCTION.
- ALL DISTURBED AREAS NOT PLANNED FOR PAVEMENT OR ASPHALT MILLINGS TO BE RECLAIMED WITH A MINIMUM OF 6" TOPSOIL AND SEEDED.
- TEMPORARY SEEDING OF DISTURBED AREAS SHALL BE PROVIDED AS FOLLOWS:
 - THE SURFACE TWO INCHES OF SOIL SHOULD BE LOOSENED BY DISKING, RAKING, OR BACK-BLADING WITH A BULLDOZER. IMMEDIATELY FERTILIZE WITH 300 LBS PER ACRE (OR 7 LBS. PER 1000 SQ. FT.) OF 10-10-10 FERTILIZER. IMMEDIATELY SEED WITH THE FOLLOWING MIX:

	LBS./ACRE	LBS./1000 SQ. F
ANNUAL RYEGRASS	40	1
PERENNIAL RYEGRASS	40	1
OATS	40	1
WHITE CLOVER (+ INOCULANT)	4	0.1

- SEED SHOULD HAVE A GERMINATION RATE OF AT LEAST 85 PERCENT AND MINIMAL INERT MATERIAL.
- 10. DISTURBED AREAS SHALL BE STABILIZED USING PERMANENT LAWN SEEDING MIX UPON COMPLETION OF GRADING AND CONSTRUCTION:

	LBS/ACRE	% BY PURITY	% GERM
PERENNIAL RYE GRASS	35	85	85
RED FESCUE	35	97	80
KENTUCKY BLUEGRASS	30	85	80
CEEDING DATE: COLDC DED 1	000 00 FT		

- Geeding Rate: 6.0 LBS PER 1,000 SQ F1 MULCH: STRAW OR WOOD FIBER MULCH USED WITH HYDROSEEDING METHOD, AT TWO TONS PER ACRE WITH TACKIFIER STARTING FERTILIZER: 5-10-10 AT 20 LBS PER 1,000 SQ. FT
- 11. ALL SEEDED AREAS ARE TO BE MONITORED FOR GERMINATION AND EROSION. ERODED AREAS ARE TO BE BACKFILLED, FINE GRADED AND RE-SEEDED. AREAS THAT FAIL TO GERMINATE A MINIMUM OF 80% SHALL BE RE-SEEDED.
- 12. ANY EXCAVATIONS THAT MUST BE DEWATERED SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE BEFORE ENTERING AN ACTIVE DRAINAGE SYSTEM OR DISPERSED TO AN UNDISTURBED AREA.
- 13. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING EXISTING EROSION CONTROL MEASURES THAT ARE LOCATED WITHIN ESTABLISHED AREAS. MATERIALS ARE TO BE DISPOSED OF PROPERLY.

SEQUENCE OF CONSTRUCTION STEPS:

TOTAL DISTURBED ACREAGE = ± 6.8 ACRES

STEP 1: (SITE PREPARATION) INSTALL AND MAINTAIN STABILIZED CONSTRUCTION ENTRANCE AND CONSTRUCTION STAGING

AREA (SEE DETAIL). INSTALL AND MAINTAIN PERIMETER SILT FENCE, COMPLETE CLEARING AND GRUBBING OPERATIONS AS NECESSARY FOR STORMWATER MANAGEMENT FACILITY EXPANSION.

STEP 2: (CONSTRUCTION ACTIVITY) STRIP AND STOCKPILE TOPSOIL AS REQUIRED FOR INSTALLATION OF THE PROPOSED

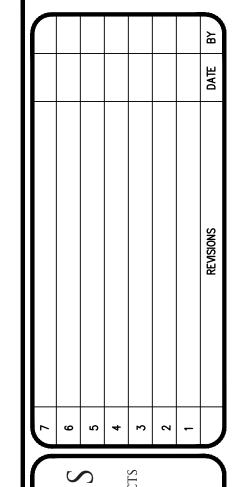
- STORMWATER MANAGEMENT FACILITY EXPANSION. COMPLETE GRADING, FINE GRADE AND SEED. STRIP AND STOCKPILE TOPSOIL AS NECESSARY: TOPSOIL TO BE STRIPPED FROM ALL PROPOSED PAVEMENT AND BUILDING AREAS AND STOCKPILED IN DESIGNATED AREA. INSTALI SILT FENCE AROUND PERIMETER OF TOPSOIL PILE AND SEED WITH TEMPORARY SEEDING MIX.
- MULCH IS REQUIRED BETWEEN NOVEMBER 15TH AND APRIL 1ST. COMMENCE DEMOLITION OPERATIONS. EXISTING DEBRIS PILES TO BE RELOCATED ONSITE AS NECESSARY CONTRACTOR SHALL COORDINATE DEBRIS RELOCATION WITH OWNER
- MATERIALS GENERATED FROM DEMOLITION ACTIVITIES SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF IN ACCORDANCE WITH CURRENT REGULATIONS.
- COMMENCE MASS GRADING OPERATIONS, COMPLETE REQUIRED CUTS AND FILLS. UPON COMPLETION OF THE MASS GRADING OPERATIONS, INSTALL ADDITIONAL EROSION CONTROL MEASURES AS SHOWN PER PLAN. MEASURES ARE TO BE MAINTAINED BY THE CONTRACTOR UNTIL GROUND COVER HAS BEEN ESTABLISHED
- CONTRACTOR MAY INSTALL UTILITIES DURING GRADING OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STABILIZE THE SITE AND VERIFY GRADING FLEVATIONS PRIOR TO UTILITY CONSTRUCTION. ADDITIONAL EROSION CONTROL MEASURES, INCLUDING STONE CHECK DAMS, INTERCEPTOR SWALES AND TEMPORARY SEDIMENT TRAPS SHALL BE PROVIDED AS SHOWN IN
- THE PLANS. OR AS DIRECTED COMPLETE EARTHWORK, INCLUDING FINE GRADING OF SLOPES. SLOPES TO BE REPLACED WITH 6" OF TOPSOIL, MULCHED AND SEEDED WITHIN 2 DAYS OF COMPLETION. SILT FENCE TO BE
- INSTALLED AT TOE OF SLOPE (IF APPLICABLE). COMPLETE INSTALLATION OF UNDERGROUND UTILITIES AND PROPOSED PAVEMENT. RESTORE AND RE-SEED RIGHT-OF-WAY AND ACCESS DRIVE AREAS AS NEEDED.
- INSTALL CONCRETE TRUCK WASHOUT PRIOR TO CONCRETE POURING ACTIVITIES (SEE DETAIL). INSTALL PAVEMENT WITH EROSION CONTROL MEASURES AS NECESSARY TO MINIMIZE SILT DISTRIBUTION ON EXISTING AND CONSTRUCTED ROADWAYS.

STEP 3: (STABILIZATION & MONITORING)

- SEED AND MULCH ALL DISTURBED AREAS (ADJACENT TO STORMWATER MANAGEMENT POND AND SWALE ALONG SOUTHERN PROPERTY LIMITS). SEED WITH A SEED MIX AS INDICATED IN
- CONSTRUCTION EROSION CONTROL NOTES, AND MULCH. FROM NOVEMBER 15TH TO APRIL 1ST, IF STRAW MULCH ALONE IS USED FOR TEMPORARY STABILIZATION, IT SHALL BE APPLIED AT DOUBLE THE STANDARD RATE OF 2 TONS PER ACRE, MAKING THE APPLICATION RATE 4 TONS PER ACRE
- MONITOR STORMWATER MANAGEMENT FACILITY DURING CONSTRUCTION OPERATIONS FOR SILT ACCUMULATION. CONTRACTOR TO CLEAN AS NECESSARY.
- MAINTAIN PERIMETER SILT FENCE AND INLET PROTECTION UNTIL THE ADJACENT SOILS HAVE ACHIEVED 80% STABILIZATION BY VEGITATION OR WITH ASPHALT PAVEMENT OR COMPACTED
- ASPHALT MILLINGS. SEE CONSTRUCTION EROSION CONTROL NOTES FOR REQUIRED SEED MIXES AND
- TEMPORARY/WINTER STABILIZATION METHODOLOGY. DUST SHALL BE CONTROLLED DURING CONSTRUCTION BY THE CONTRACTOR TO MINIMIZE
- EFFECT ON THE ADJACENT PROPERTIES. THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS NEEDED AND/OR AS DIRECTED BY THE CITY OF ROCHESTER.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE EXISTING ROADWAYS, PAVED AREAS. AND CHANNELS FREE OF MUD, DIRT, AND DEBRIS. THE CONTRACTOR WILL CLEAN THESE AREAS AS NECESSARY OR AS REQUIRED BY THE OWNER OR CITY OF ROCHESTER.

Drawing Alteration The following is an excerpt from th New York State Education Law Article 145 Section 7209 and applies to this

"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any seal of an engineer or land surveyor is surveyor shall affix to the item his seal by his signature and the date of such alteration, and a specific description of the alteration.





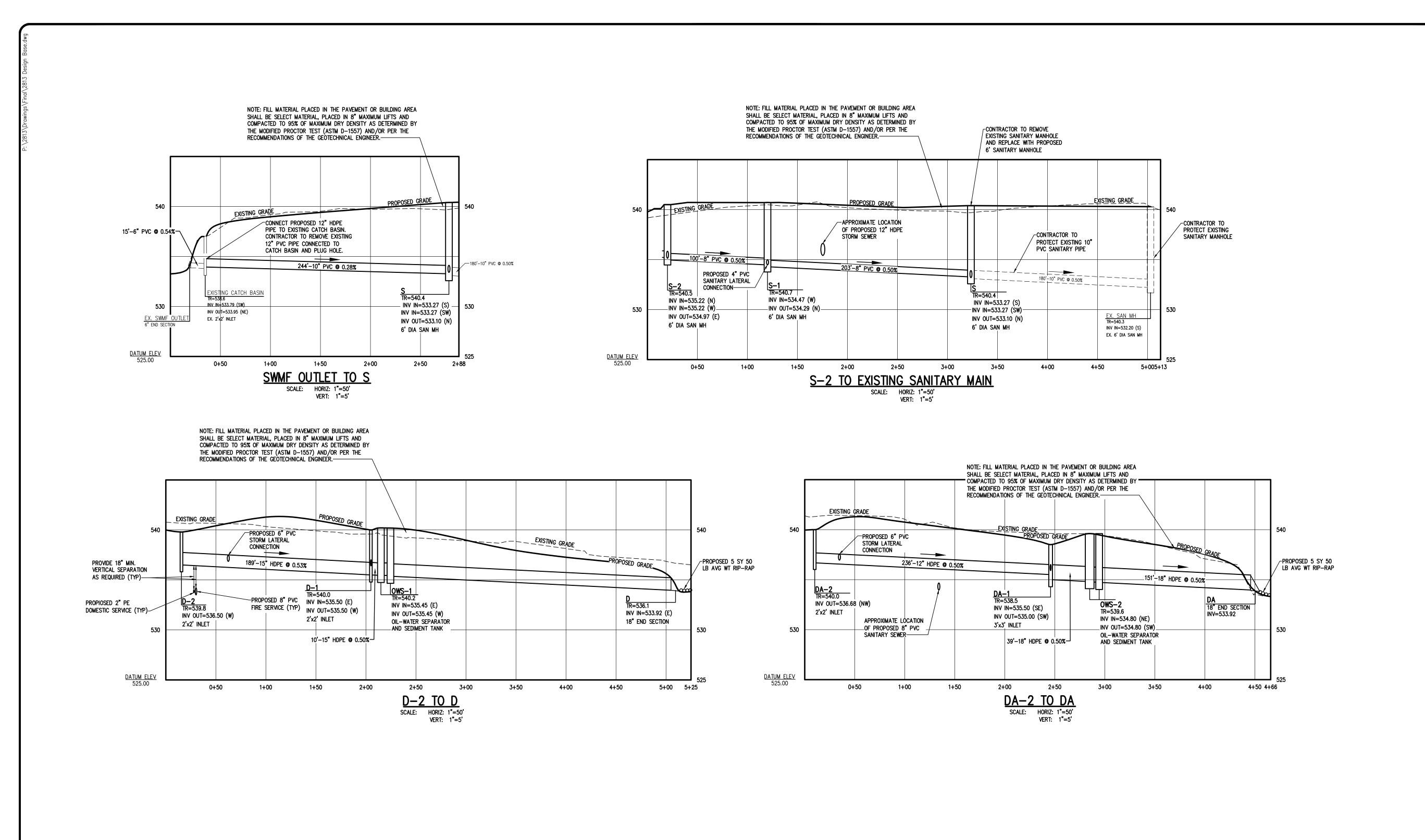


PROJECT MANAGER JL SWEDROCK PROJECT ENGINEER JG CRETEKOS DRAWN BY AN D'ANGELO SCALE DATE ISSUED FEBRUARY 2022 PROJECT NO.

DRAWING NO.

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WATER MAINS.



NOT APPROVED

This plan has not received final approval of all reviewing agencies.
This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.

direction of a licensed professional engineer or land surveyor to alter any item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal and the notation "altered by" followed by his signature and the date of such alteration, and a specific description of the alteration."

Drawing Alteration
The following is an excerpt from the
New York State Education Law Article
145 Section 7209 and applies to this
drawing:
"It is a violation of this law for any
person, unless he is acting under the
direction of a licensed professional

6 5	2	REVISIONS DATE BY
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ROCHESTER, NY 14625

TOWN OF ROCH

PROJECT MANAGER

JL SWEDROCK

PROJECT ENGINEER

JL SWEDROCK

PROJECT ENGINEER

JG CRETEKOS

DRAWN BY

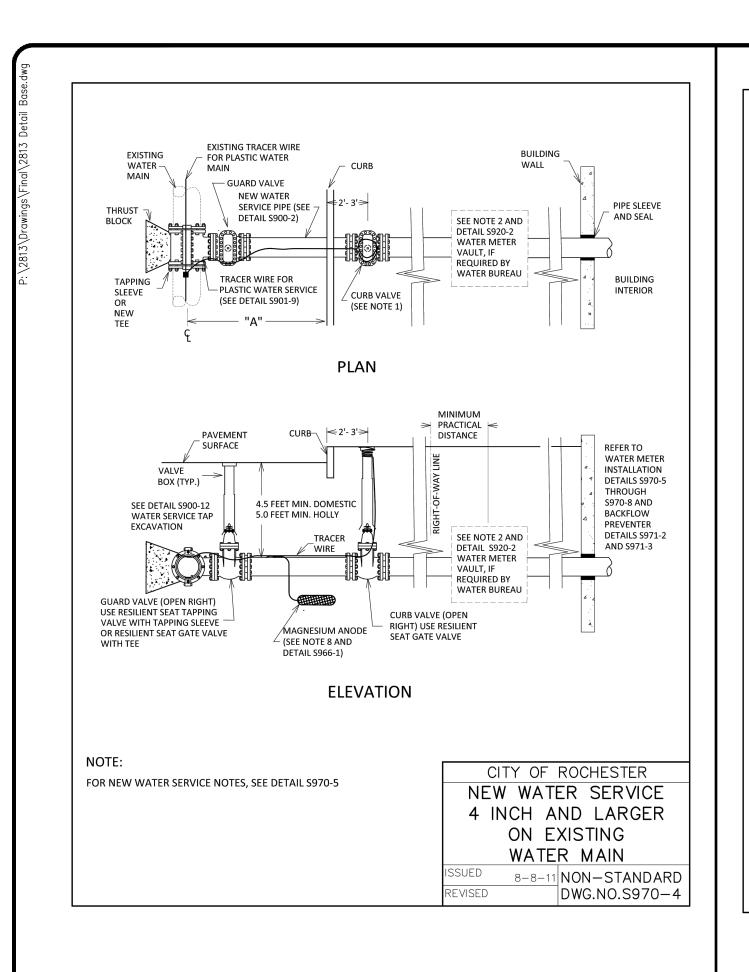
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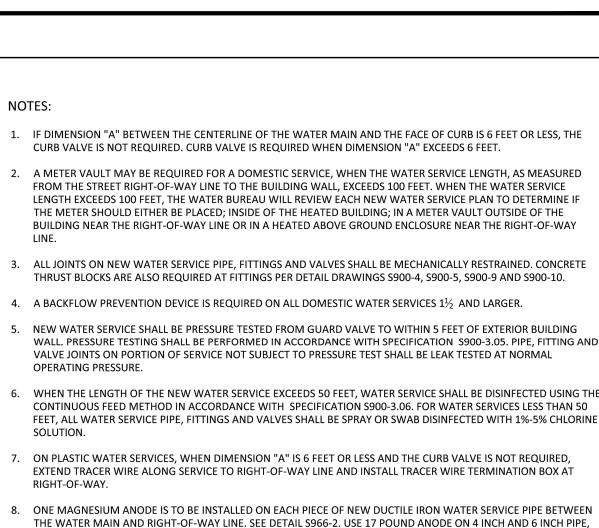
SCALE DATE ISSUED

AS SHOWN FEBRUARY 2022

PROJECT NO. **2813**

DRAWING NO.





32 POUND ANODE ON 8 INCH AND 10 INCH PIPE AND 48 POUND ANODE ON 12 INCH PIPE.

11 PROPOSED DEVIATIONS TO THE APPROVED PLANS REQUIRE WATER BUREAU AUTHORIZATION BEFORE

BE INSTALLED IN POLYETHYLENE ENCASEMENT.

BEGINNING THE WORK.

ALL DUCTILE IRON WATER SERVICE PIPE, FITTINGS AND VALVES LOCATED WITHIN THE STREET RIGHT-OF-WAY ARE TO

LO. IF PLANS CALL FOR THE INSTALLATION OF A TAPPING SLEEVE AND VALVE, BUT THE WATER MAIN CAN NOT BE TAPPED

DUE TO SPATIAL LIMITATIONS, A NEW SERVICE TEE WITH A SERVICE VALVE MAY NEED TO BE CUT INTO THE EXISTING

CITY OF ROCHESTER

NEW WATER SERVICE

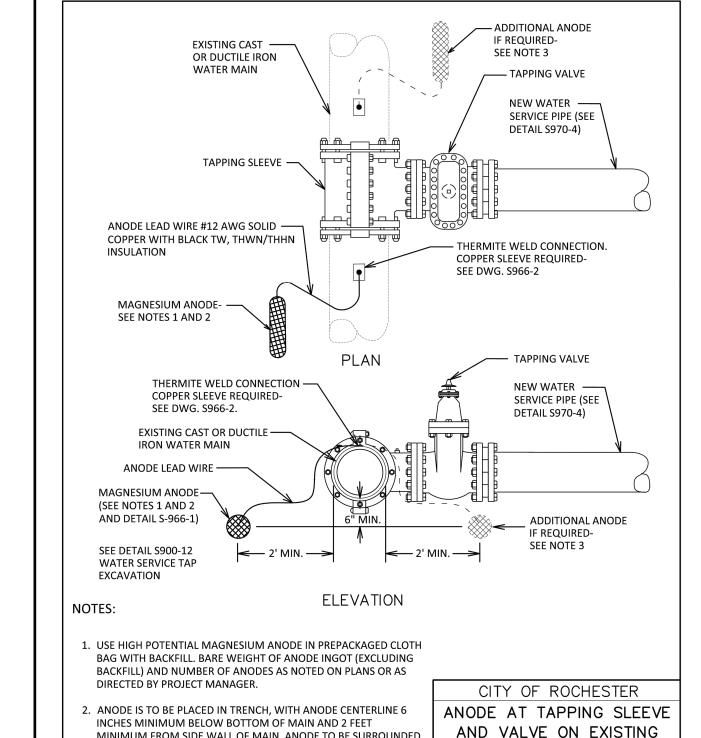
4 INCH AND LARGER

ON EXISTING

WATER MAIN - NOTES

8-11-11 NON-STANDARD

DWG.NO.S970-5

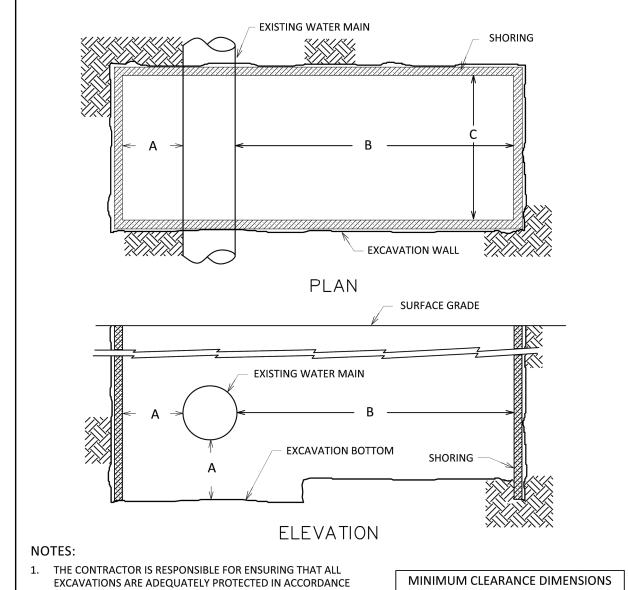


MINIMUM FROM SIDE WALL OF MAIN. ANODE TO BE SURROUNDED WITH NATIVE BACKFILL.

TAPPING SLEEVE AND VALVE.

3. WHEN TWO ANODES ARE REQUIRED AT NEW WATER SERVICE, THE SECOND ANODE SHALL BE LOCATED ON OPPOSITE SIDE OF THE

AND VALVE ON EXISTING CAST/ DUCTILE IRON WATER MAIN SSUED 7-7-16 NON-STANDARI DWG.NO.S966-9



WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS. SHORING MUST BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH OSHA REGULATIONS, AND ADEQUATE

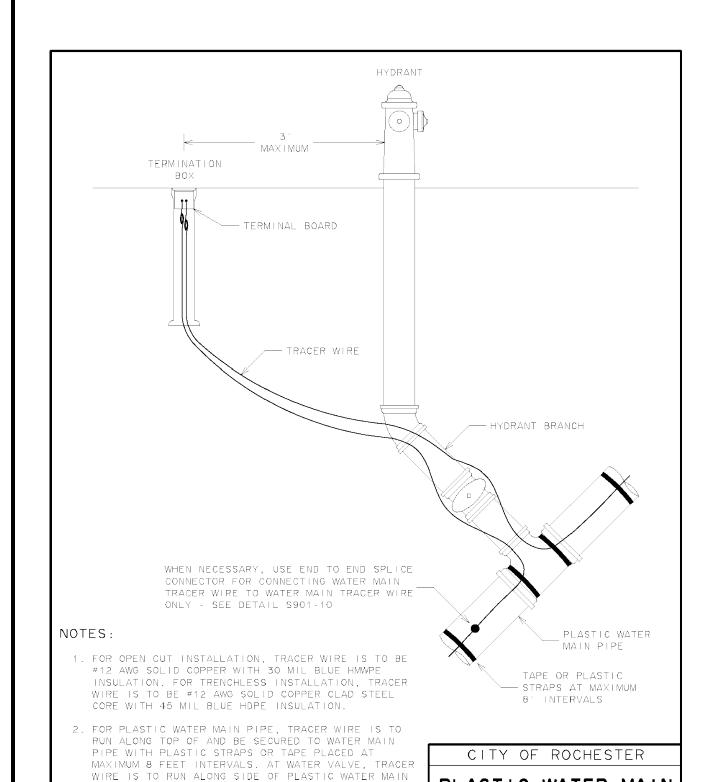
CLEARANCES PROVIDED. WHEREVER WATER BUREAU PERSONNEL MUST ENTER AN EXCAVATION. EXCEPTIONS TO THIS POLICY CAN ONLY BE MADE BY THE DIRECTOR OF WATER OR HIS REPRESENTATIVE.

THE CONTRACTOR SHALL MAKE AND SHORE THE EXCAVATION. CLEAN THE AREA OF THE WATER MAIN FOR THE TAP, ATTACH THE TAPPING SLEEVE AND VALVE TO THE MAIN FOR SERVICES 4-INCH DIAMETER AND LARGER OR ATTACH THE TAPPING SADDLE (WHERE REQUIRED) TO THE MAIN FOR SERVICES 2-INCH DIAMETER AND SMALLER AND INSURE THAT THE WORK AREA IS READY FOR INSPECTION BY BUREAU PERSONNEL PRIOR TO MAKING THE TAP.

EXCAVATION FOR A B SMALL SERVICE TAP 0'-6" | 5'-0" | 4'-0' (2-INCH AND SMALLER) LARGE SERVICE TAP (4-INCH AND LARGER) | 1'-0" | 7'-0" | 4'-0" CITY OF ROCHESTER

WATER SERVICE TAP **EXCAVATION**

4-29-11 NON-STANDARD DWG.NO.S900-1



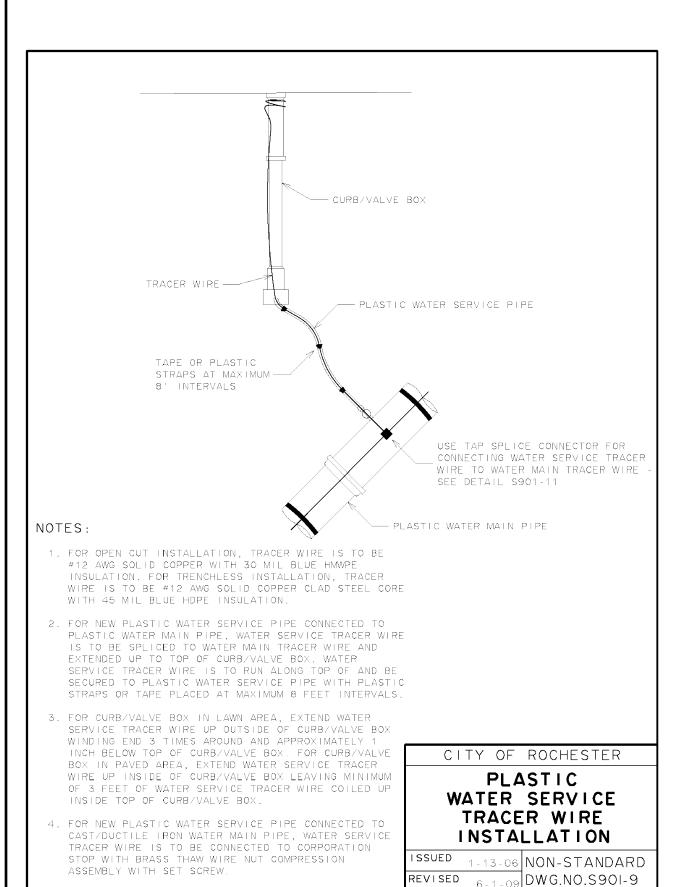
PLASTIC WATER MAIN

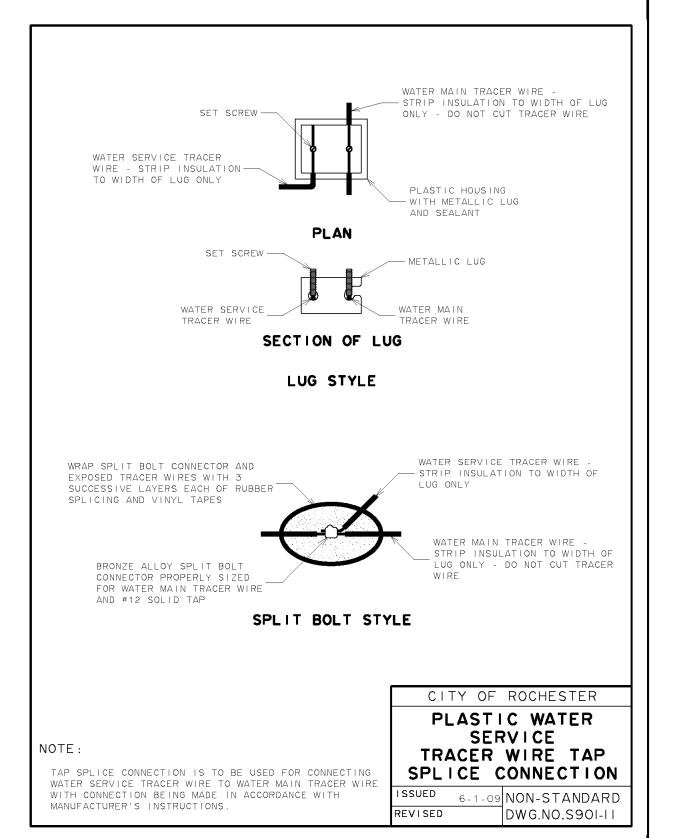
TRACER WIRE

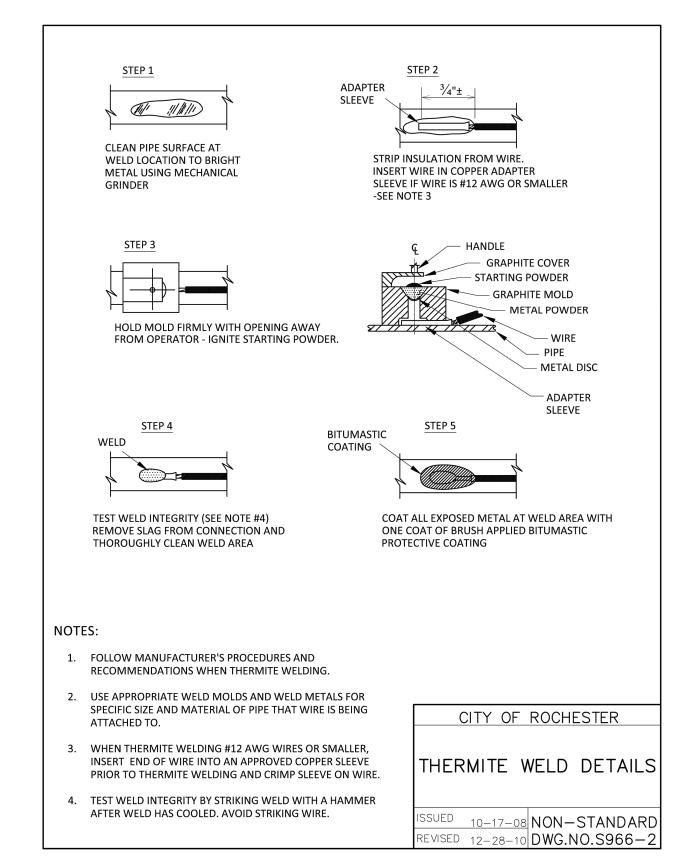
INSTALLATION

ISSUED 1-13-06 NON-STANDARD

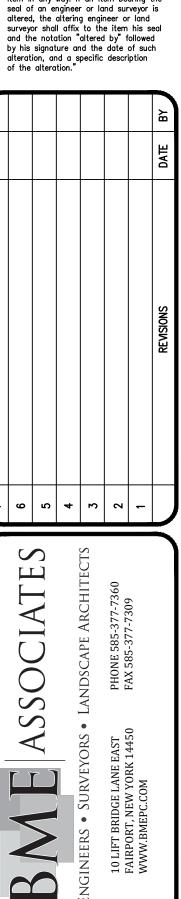
REVISED 6-1-09 DWG.NO.S901-8











Drawing Alteration The following is an excerpt from the New York State Education Law Article 45 Section 7209 and applies to this

"It is a violation of this law for any

person, unless he is acting under the direction of a licensed professional

engineer or land surveyor to alter any

PROJECT MANAGER JL SWEDROCK PROJECT ENGINEER JG CRETEKOS

DRAWN BY AN D'ANGELO SCALE DATE ISSUED N.T.S.

FEBRUARY 2022 PROJECT NO.

DRAWING NO.

TERMINAL BOARD.

3. TRACER WIRE IS TO BE CONNECTED TO TERMINATION BOX

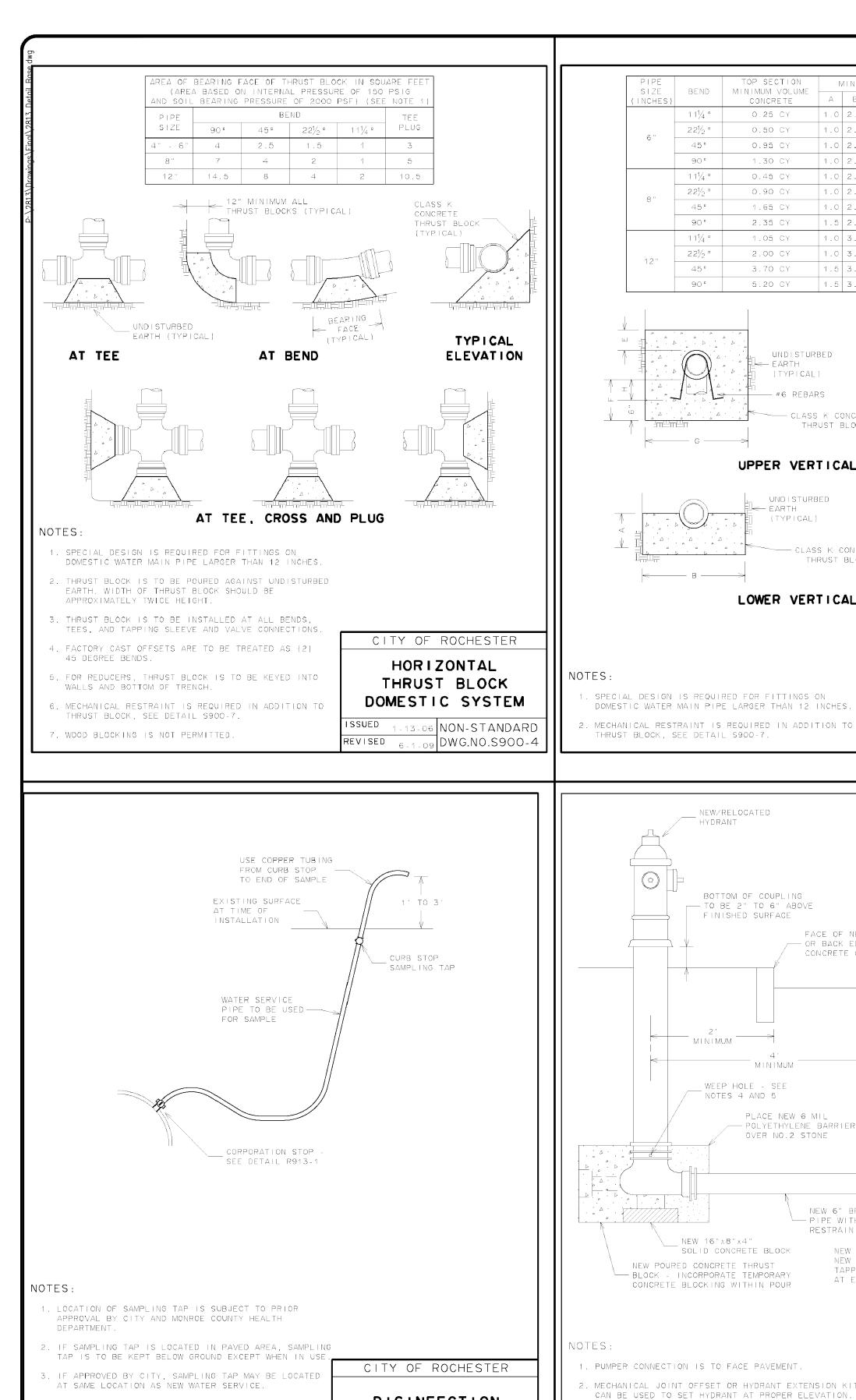
INSTALLED ADJACENT TO HYDRANT. EXTEND TRACER WIRE

UP INSIDE OF TERMINATION BOX LEAVING MINIMUM OF

TERMINATION BOX. CONNECT END OF TRACER WIRE TO

3 FEET OF TRACER WIRE COILED UP INSIDE TOP OF

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DISINFECTION

SAMPLING TAP

1-13-06 NON-STANDARD

REVISED 6-1-09 DWG.NO.S900-6

4. IF SAMPLING TAP IS NOT TO BE USED AS NEW WATER

5. MAXIMUM DISTANCE BETWEEN SAMPLING TAPS ON NEW

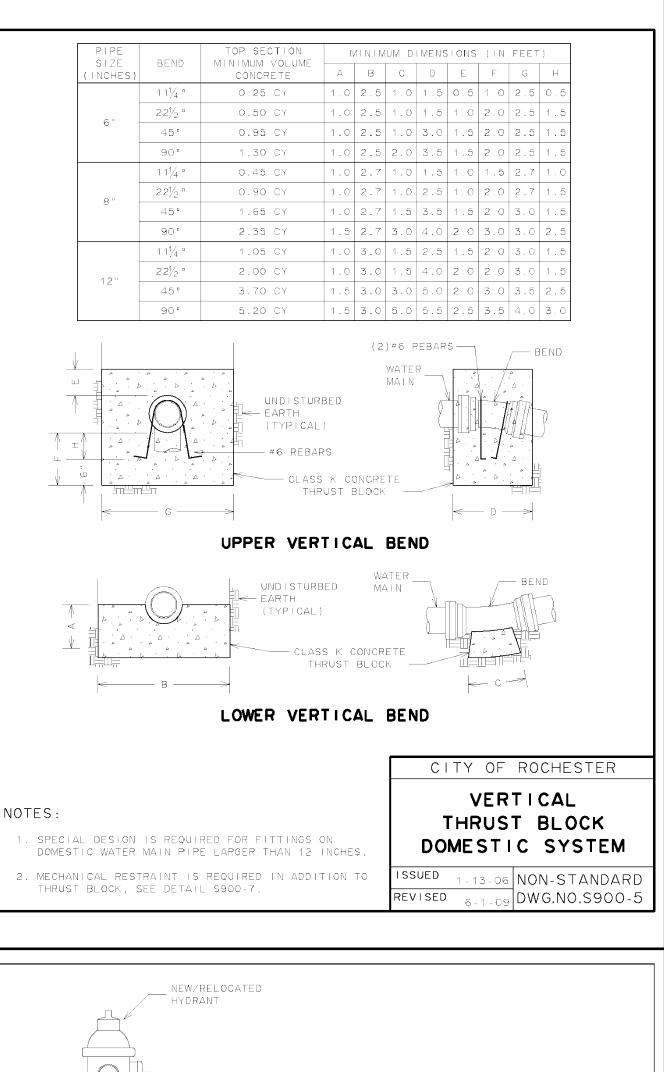
AND WATER SERVICE PIPE DISCONNECTED.

WATER MAIN INSTALLATION IS 1,000 FEET.

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SERVICE, UPON NOTIFICATION OF ACCEPTABLE SAMPLE

RESULTS CORPORATION STOP IS TO BE CLOSED AND TAP



CONCRETE BLOCKING WITHIN POUR

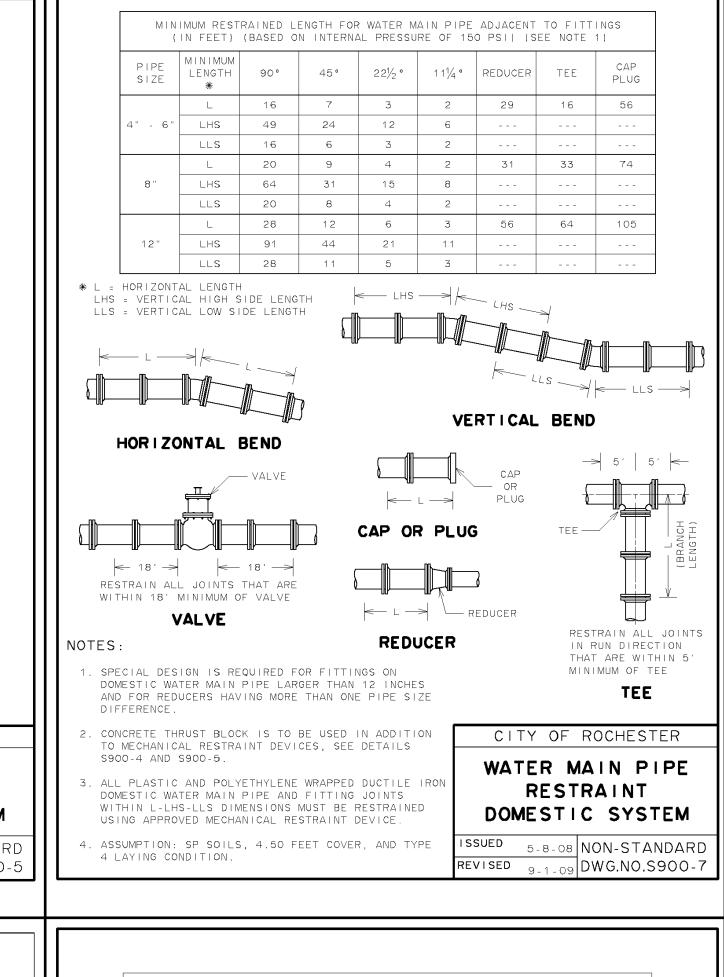
3. WHEN GROUND WATER IS ENCOUNTERED IN TRENCH, IF

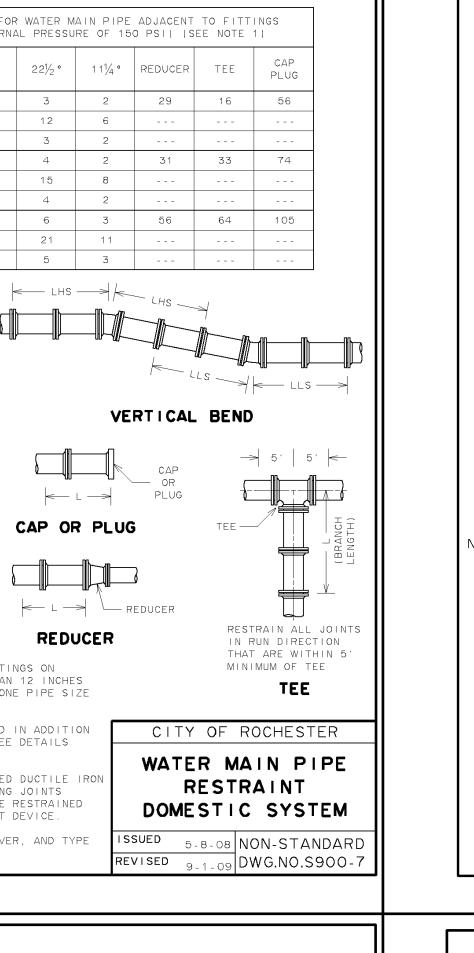
4. CONTRACTOR IS TO NOTIFY WATER BUREAU IN WRITING

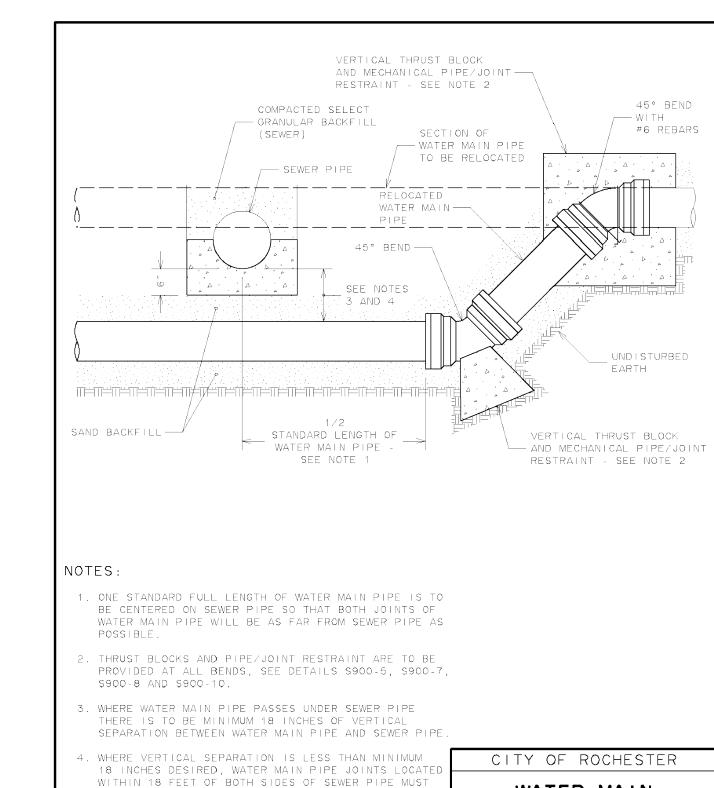
WHEN HYDRANT WEEP HOLES HAVE BEEN PLUGGED.

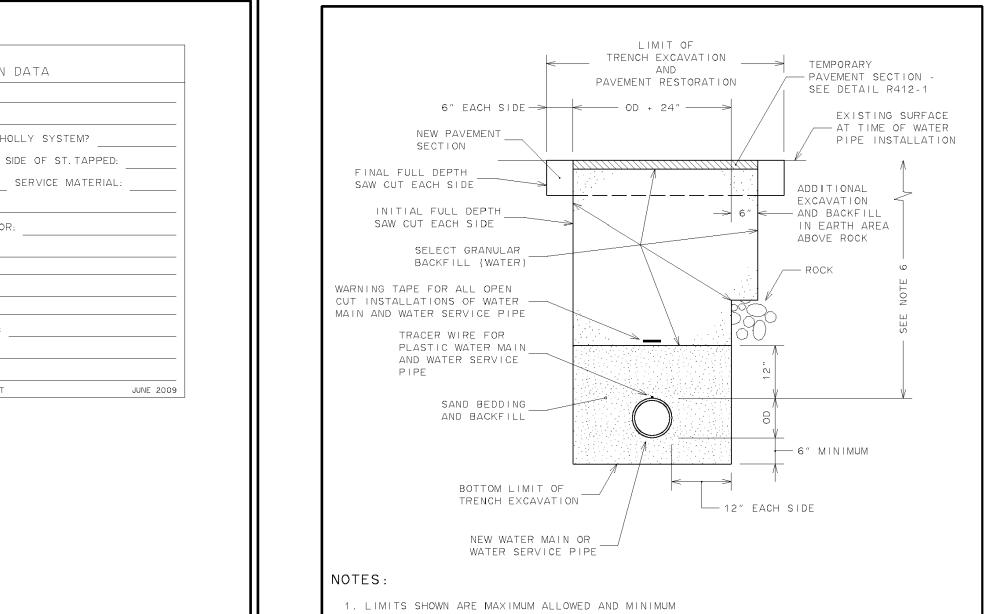
PLUGGED AND STONE DRAIN OMITTED.

APPROVED OF BY CITY, HYDRANT WEEP HOLES MAY BE









BE ENCASED WITHIN CONTROLLED DENSITY FILL

MAIN STANDARD PIPE AND TESTED TO 150 PSI.

SEWER PIPE.

MATERIAL, OR SEWER PIPE CONSTRUCTED WITH WATER

. WHERE WATER MAIN PIPE PASSES UNDER SEWER PIPE

THERE IS TO BE MINIMUM OF 6 INCHES OF CLASS K

CONCRETE OR CRUSHED STONE BEDDING MATERIAL FOR



2. UPPER LIMIT FOR TRENCH EXCAVATION IS TOP OF EXISTING SURFACE AT TIME OF TRENCH EXCAVATION.

3. UPPER LIMIT FOR ROCK EXCAVATION IS TOP SURFACE OF 4. UPPER LIMIT FOR SELECT GRANULAR BACKFILL (WATER) IS BOTTOM OF TEMPORARY PAVEMENT, IF USED,

OTHERWISE TOP OF SURFACE. 5. TEMPORARY OR PERMANENT BLOCKS OR ANY OTHER TYPE OF PIPE SUPPORT IS NOT TO BE USED DURING PIPE INSTALLATION.

6. MINIMUM DEPTH OF COVER FOR WATER PIPE FROM TOP OF PROPOSED GRADE IS 4.50 FEET FOR DOMESTIC WATE PIPE, AND 5 FEET FOR HOLLY WATER PIPE, UNLESS OTHERWISE NOTED ON PLANS OR AS DIRECTED BY PROJECT MANAGER.

CITY OF ROCHESTER WATER TRENCH PAVEMENT REHABILITATION

WATER MAIN

CROSSING BELOW

SEWER PIPE

ssued 1-13-06 NON-STANDARD

REVISED 6-1-09|DWG.NO.S900-3

ISSUED 1-13-06 NON-STANDARD REVISED 6-1-09 DWG.NO.S900-2

NOT APPROVED

This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.

JG CRETEKOS DRAWN BY AN D'ANGELO SCALE PROJECT NO.

S

Drawing Alteration The following is an excerpt from the New York State Education Law Article

145 Section 7209 and applies to this

"It is a violation of this law for any

person, unless he is acting under the direction of a licensed professional

engineer or land surveyor to alter any item in any way. If an item bearing th

seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal

and the notation "altered by" followed

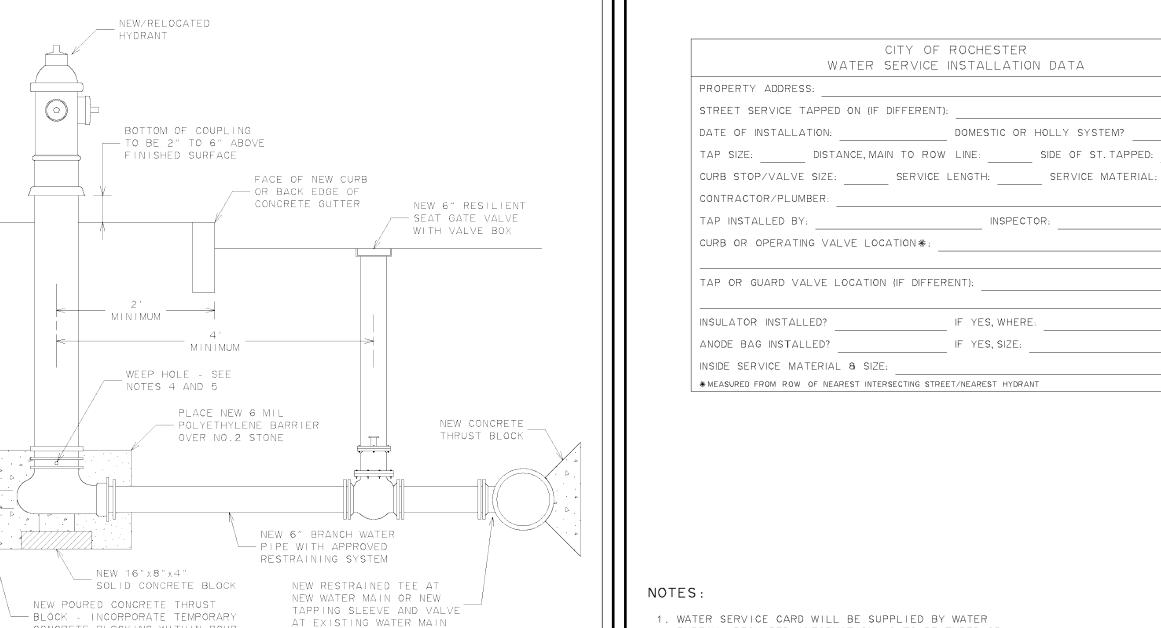
by his signature and the date of such

alteration, and a specific description of the alteration."

PROJECT MANAGER

JL SWEDROCK PROJECT ENGINEER DATE ISSUED FEBRUARY 2022

DRAWING NO.



CITY OF ROCHESTER

HYDRANT

AND VALVE WITH

NEW BRANCH

ISSUED 9-2-91 STD. DWG

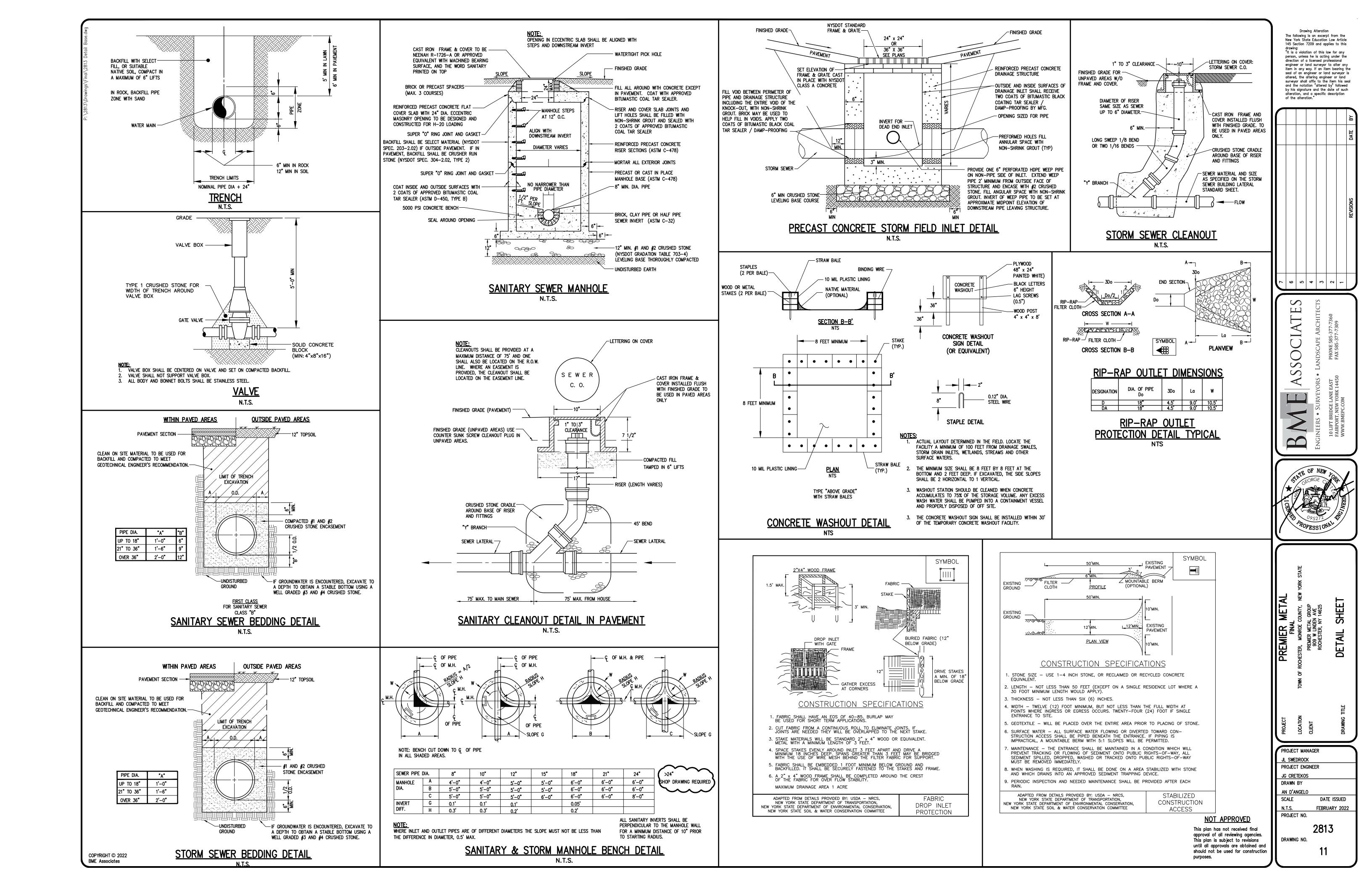
EVISED ₅₋₂₈₋₁₀ NO. R917-1

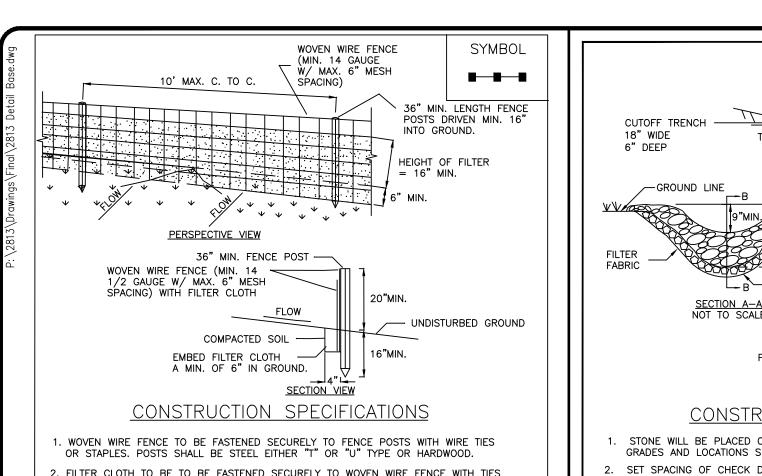
- 1. WATER SERVICE CARD WILL BE SUPPLIED BY WATER BUREAU. REQUIRED INFORMATION IS TO BE TYPED OR NEATLY PRINTED ON WATER SERVICE CARD.
- 2. FOR CORNER LOT WHERE WATER SERVICE IS INSTALLED ON SIDE STREET AND NOT IN FRONT OF GIVEN PROPERTY ADDRESS, SEPARATE WATER SERVICE CARDS ARE TO BE MADE FOR EACH STREET.
- 3. WATER SERVICE CARD FOR WATER SERVICE THAT IS ABANDONED AT TAP IS TO BE MARKED "ABANDONED AT TAP" ACROSS FACE OF WATER SERVICE CARD WITH CONTRACTOR'S NAME AND DATE ABANDONED BEING NOTED
- 4. MEASUREMENT FOR LOCATION OF CURB STOP IS TO BE TAKEN FROM RIGHT-OF-WAY EXTENSION OF NEAREST INTERSECTING STREET AS MEASURED PARALLEL TO STREET ON WHICH WATER SERVICE IS INSTALLED, OR FROM NEAREST HYDRANT LOCATED OFF OF SAME WATER MAIN, WHICHEVER IS CLOSEST.

CITY OF ROCHESTER WATER SERVICE

ISSUED 9-2-91 STD. DWG. REVISED 7-1-09 NO. R913-3

CARD





- . FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES
- 6" MAXIMUM MESH OPENING. 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X,

SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE,

- MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- . PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT. . MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN

TYPICAL BOLLARD DETAIL

-DOME (TYPJ) (SEE NOTE 1)

-EDGE OF WARNING FIELD

DOME SPACING

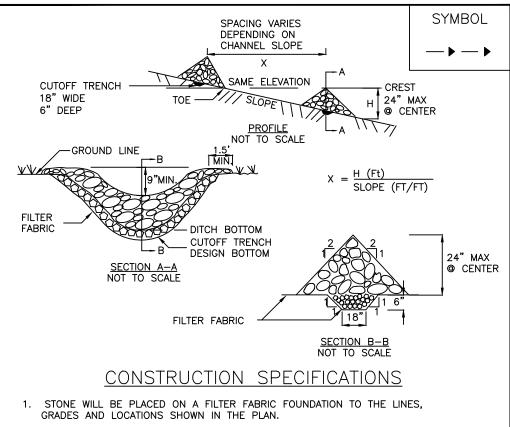
"BULGES" DEVELOP IN THE SILT FENCE. ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS. NEW YORK STATE DEPARTMENT OF TRANSPORTATION,
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

SET POST IN 4000-PSI CONCRETE

SILT FENCE

- DOME FINISH TOP OF

CONCRETE

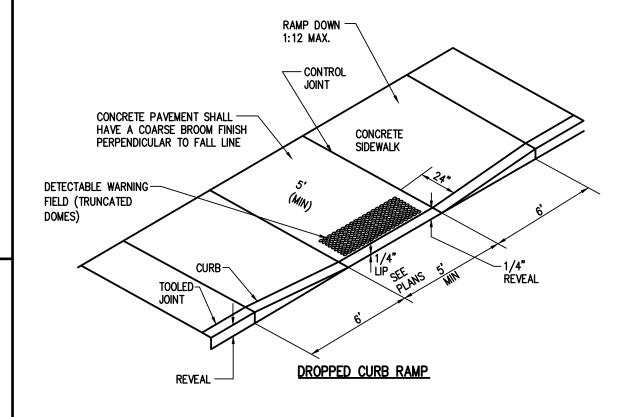


- SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST
- OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR
- AND EROSION WITH STONE OR LINER AS APPROPRIATE. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.

MAXIMUM DRAINAGE AREA 2 ACRES. ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS,

NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

STONE CHECK DAM



-1.5" N.Y.S.D.O.T. ITEM 403.18 - ASPHALT CONCRETE,

-3.5" N.Y.S.D.O.T. ITEM 403.13 - ASPHALT CONCRETE,

- N.Y.S.D.O.T. ITEM 304-02.02 - 3-6" LIFTS #2 CRUSHER RUN STONE

HEAVY DUTY PAVEMENT SECTION

MIRAFI BXG11 GEOGRID, OR

APPROVED EQUAL, AS

GEOTECHNICAL ENGINEER-

RECOMMENDED BY

" KNOCKOUT TYP. OF 4

TYPE 7 TOP COURSE (MINIMUM THICKNESS)

TYPE 3 BINDER COURSE

COMPACTED

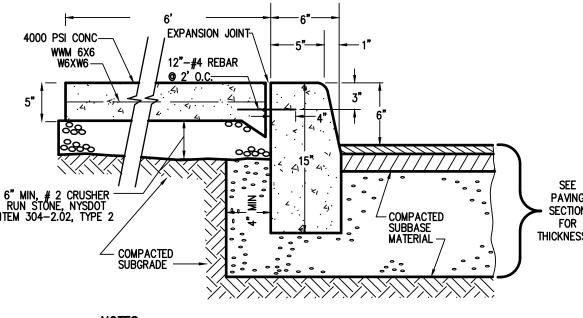
SUBGRADE -

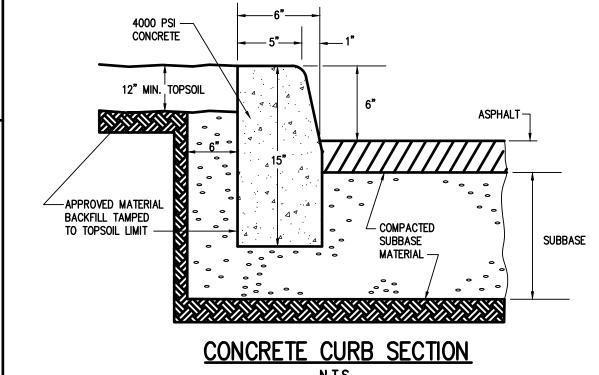
NOTES:

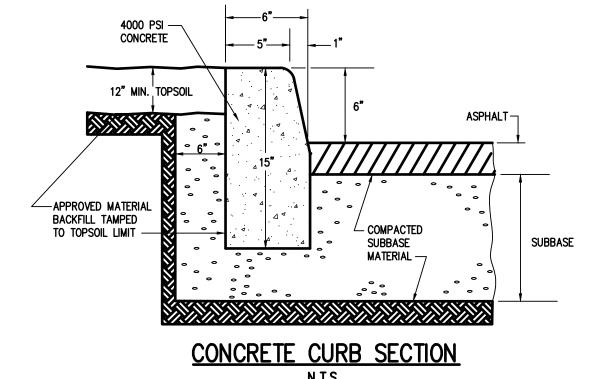
1. RAMPS SHALL BE BUILT AT A UNIFORM SLOPE NOT TO EXCEED 1:12.

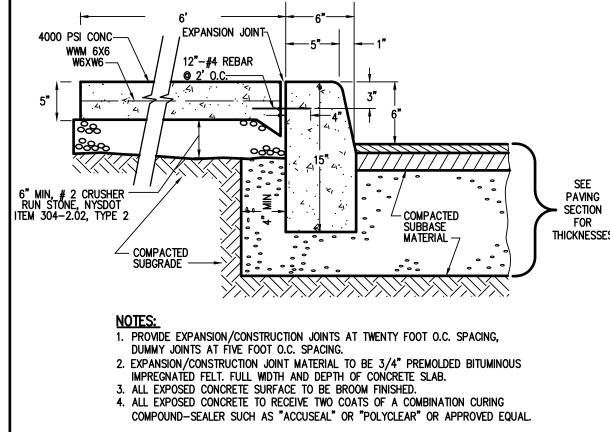
- 2. THE SURFACE OF ALL SIDEWALK RAMPS IS TO BE STABLE, FIRM, AND SLIP-RESISTANT. (I.E. COARSE BROOM FINISH PERPENDICULAR TO THE RAMP SLOPE IS ACCEPTABLE).
- 3. DETECTABLE WARNING FIELDS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS PROVIDED ON NYSDOT

ACCESSIBLE RAMP WITH **DETECTABLE WARNING FIELD DETAIL**

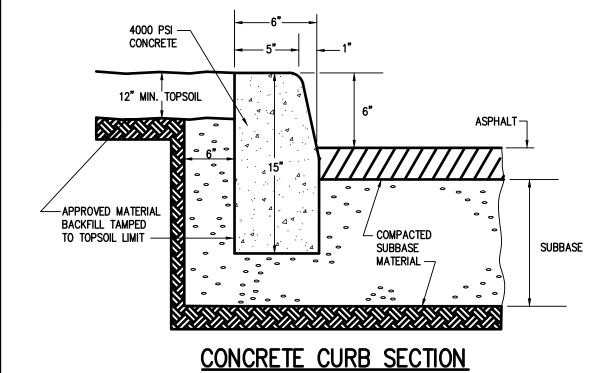






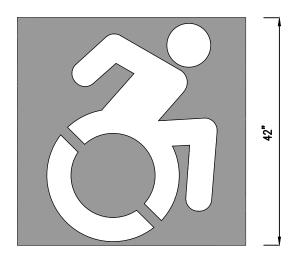


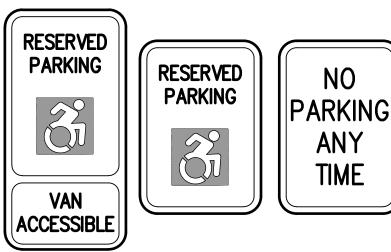
6' INTEGRAL CURB AND SIDEWALK DETAIL



PAINTED ACCESSIBLE PARKING SYMBOL PER THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 24" IN THE DIRECTION OF TRAVEL AND ADA GUIDELINES — **ACCESSIBLE** PARKING SIGN ON POST-NO PARKING ANYTIME SIGN ON POST---THE DETECTABLE WARNING FIELD SHALL BE THE COLOR SPECIFIED IN THE CONTRACT DOCUMENTS PAINT MATERIALS TO **`**—4" WIDE YELLOW PAINTED LINE CONFORM TO NYSDOT SPECIFICATION 708.01 **─**EDGE OF PAVEMENT

PARKING STRIPING DETAIL





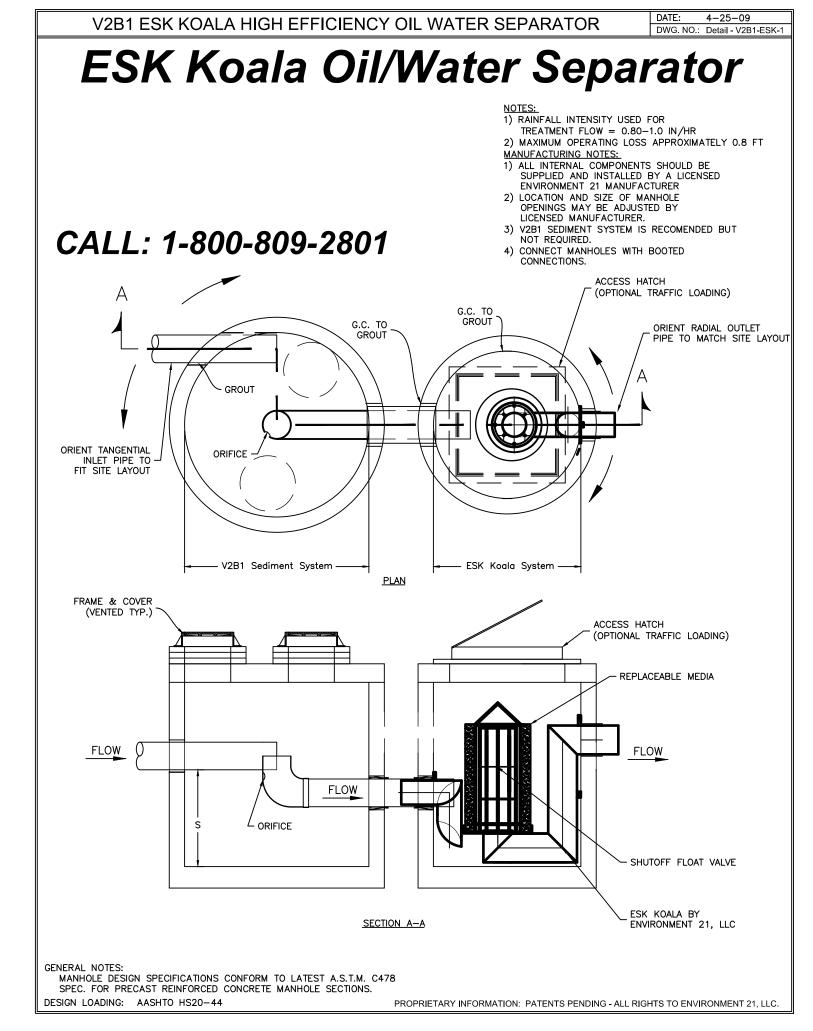
1. SIGN TO BE MOUNTED TO A 2" DIA. STEEL PIPE SET IN 3'6" DEEP BY 10" DIA. CONCRETE 3000 PSI. BASE, SET BELOW GRADE. 2. SIGN TO BE MOUNTED 6.0' FROM FINISHED GRADE TO BOTTOM OF SIGN.

ACCESSIBLE PARKING SIGNS DETAIL

GRADE 60-80 KSI.
ACI 318-99 TRAFFIC. USE ACI LOAD FACTORS.
A.A.S.H.T.O. METHOD OF DESIGN. EQUIVALENT
SOIL PRESSURE OF 40 (PCF). BOTTOM SECTION & BAFFLE WALL: 14,928 LBS. TEES, DROP LEGS & FITTINGS SUPPLIED AND INSTALLED BY G.C. WATERTIGHT ASSEMBLY IS THE RESPONSIBILITY OF THE INSTALLING CON-TRACTOR. ASK FOR KISTNER "WATERTIGHT JOINT INSTALLATION" DETAIL. - -____ PIPE SEALS REQUIRED 4" PVC - OPENING WITH SEAL - STOCK 6" PVC - OPENING STOCK - SEAL TO BE INSTALLED 8" PVC - OPENING STOCK - SEAL TO BE INSTALLED GROUTED OPENINGS ONLY - REQUIRED 4" PVC - OPENING WITH SEAL - STOCK | 4" PVC - OPENING WITH SEAL - STOCK
| 6" PVC - STOCK KNOCKOUT TO BE BROKEN OUT BY CONTRACTOR | C 8" PVC - STOCK KNOCKOUT TO BE BROKEN OUT BY CONTRACTOR FOR RISER, FRAME, AND COVER: SEE "TRAFFIC TANK EXTENSIONS" **4**" **3**'-5" **---**SECTION A-A SECTION B-B

SP-7A
SPECIFICATIONS:
CONCRETE:
ENTRAINED AIR:
STEEL:

6,500 P.S.I. @ 28 DAYS. 5% - 8%. A.S.T.M. A496-A615



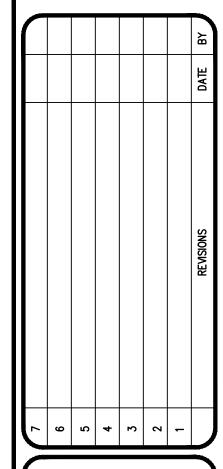
NOTE: ESK KOALA OIL/WATER SEPARATOR TO BE ESK MODEL 200.

NOT APPROVED

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The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal by his signature and the date of such alteration, and a specific description of the alteration."

Drawing Alteration





PROJECT MANAGER JL SWEDROCK PROJECT ENGINEER JG CRETEKOS DRAWN BY DATE ISSUED SCALE FEBRUARY 2022 PROJECT NO. DRAWING NO.

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SURFACE) IS FOR ILLUSTRATION ONLY. DETECTABLE WARNING UNIT DIMENSIONS:

DOME ALIGNMENT:

COLOR REQUIREMENTS:

DETECTABLE WARNING LOCATIONS:

DETECTABLE WARNING FIELD DETAIL

6'-0" MIN. AND 15'-0" MAX FROM THE CENTERLINE OF THE NEAREST RAIL.

THE DETAILS PROVIDED ARE NOT DRAWN TO SCALE. THE QUANTITY OF DOMES

BREAK BETWEEN THE RAMP LANDING OR CURB RAMP AND STREET.

OR MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

ROADWAY EDGE (12" WHERE TRAVERSABLE CURB IS USED).

DEPICTED ON THE DETECTABLE WARNING UNITY (THE DOMES AND THE ENTIRE 24" LEVEL

SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE, EXCLUSIVE SIDE

THE ROWS OF DOMES SHALL BE ALIGNED TO BE PERPENDICULAR OR RADIAL TO THE GRADE

DETECTABLE WARNINGS SHALL BE LOCATED SO THAT THE EDGE OR CORNER OF THE WARNING FIELD NEAREST TO THE ROADWAY IS 5" TO 9" FROM THE FRONT OF THE CURB OR THE

THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE

