

GENERAL

- CONTRACTOR IS TO FOLLOW ALL PROVISIONS OF CITY OF ROCHESTER STANDARD SPECIFICATIONS, EXCEPT FOR THOSE AS REVISED IN SUPPLEMENTARY SPECIFICATION SECTION OF CONTRACT DOCUMENTS. REVISED SPECIFICATION PROVIDED IN SUPPLEMENTARY SPECIFICATION SECTION OF CONTRACT DOCUMENTS SUPERSEDES APPROPRIATE STANDARD SPECIFICATION.
- CONTRACTOR IS TO USE CITY OF ROCHESTER STANDARD DETAILS, EXCEPT FOR THOSE PROVIDED IN CONTRACT DRAWINGS. DETAILS PROVIDED IN CONTRACT DRAWINGS SUPERSEDE APPROPRIATE STANDARD DETAIL.
- CONTRACTOR IS TO OBTAIN WORK RELEASES FROM RESPECTIVE PROPERTY OWNER WHERE WORK IS TO BE PERFORMED OUTSIDE OF PUBLIC RIGHT-OF-WAY, AND ON PRIVATELY OWNED PROPERTY. COPY OF SUCH WORK RELEASE IS TO BE FILED WITH PROJECT MANAGER.
- LOCATIONS OF EXISTING UTILITIES BOTH ABOVE GROUND AND BELOW GROUND THAT ARE SHOWN IN CONTRACT DRAWINGS ARE APPROXIMATE ONLY, AND ARE NOT GUARANTEED TO BE ACCURATE OR COMPLETE. ALL EXISTING UTILITIES SHOWN WERE PLOTTED FROM FIELD SURFACE SURVEY DATA AND IN CONJUNCTION WITH RECORD MAPPING SUPPLIED BY RESPECTIVE UTILITY COMPANY. BEFORE COMMENCING ANY WORK, IT IS RESPONSIBILITY OF CONTRACTOR TO HAVE LOCATION OF ALL EXISTING UTILITIES LOCATED WITHIN WORK AREA VERIFIED BY RESPECTIVE UTILITY COMPANY. CONTRACTOR IS TO REQUEST UTILITY STAKE OUT MINIMUM OF 48 HOURS IN ADVANCE OF COMMENCING ANY WORK, BY CALLING DIG SAFELY NEW YORK, UFPO AT 811.
- ALL RIGHT-OF-WAY MONUMENTS AND PROPERTY CORNERS ARE TO BE PROTECTED, SAFEGUARDED AND PRESERVED. ALL RIGHT-OF-WAY MONUMENTS OR PROPERTY CORNERS THAT ARE DISTURBED BY CONTRACTOR'S OPERATIONS DURING CONSTRUCTION OF PROJECT ARE TO BE REPLACED BY NYS LICENSED SURVEYOR, AT CONTRACTOR'S EXPENSE.
- SAW CUTS MADE IN ROADWAY ARE TO BE FULL DEPTH, WITH ALL OTHER SAW CUTS BEING MINIMUM OF 2 INCHES IN DEPTH. SAW CUTS WILL BE PAID FOR UNDER SECTION R622 SAW CUTTING, OR INCLUDED IN RESPECTIVE WORK RELATED ITEM, AS INDICATED IN CONTRACT DOCUMENTS. ALL SAW CUTS ARE TO BE SEALED WITH AN ASPHALT FILLER PER NYS DOT MATERIAL DESIGNATION 702-0500 OR 702-3401, COST OF WHICH IS TO BE INCLUDED IN UNIT PRICE BID FOR RESPECTIVE WORK RELATED ITEM.
- FOR TEMPORARY PAVEMENT PLACEMENT DURING WINTER SEASON (NOVEMBER 1st THRU APRIL 14th), IF HOT MIX ASPHALT MATERIAL IS NOT AVAILABLE FOR CONSTRUCTING TEMPORARY PAVEMENT SECTION, CONTRACTOR IS TO USE CLASS F CONCRETE. IF PROJECT CALLS FOR USING ASPHALT TEMPORARY PAVEMENT SECTION AND PROJECT EXTENDS INTO WINTER SEASON, CONTRACTOR WILL BE REQUIRED TO USE TEMPORARY PAVEMENT SECTION CONSISTING OF CONCRETE REGARDLESS OF WHICH ITEM HAS BEEN BID FOR WORK. CONCRETE SECTION IS TO BE 4 INCHES THICK FOR STREETS DESIGNATED AS ARTERIAL AND COLLECTOR STREETS, AND 3 INCHES THICK FOR STREETS DESIGNATED AS LOCAL RESIDENTIAL STREETS AND FOR ALLEYS. CONCRETE IS TO BE BROOM FINISHED.
- SIDEWALK ACCESS RAMP ARE TO BE LOCATED AND OF TYPE SHOWN IN CONTRACT DRAWINGS. HEADER CURB FOR SIDEWALK ACCESS RAMP IS TO BE 5 FEET IN LENGTH, WITH TRANSITION CURBS BEING FROM MINIMUM OF 3 TO MAXIMUM OF 7 FEET IN LENGTH.
- WHERE NEW SIDEWALK IS TO BE CONSTRUCTED ADJACENT TO OTHER PAVED AREAS, MINIMUM OF 2 FEET OF ADJACENT PAVED AREA IS TO BE REPLACED IN KIND.
- EXISTING PAVED AREAS THAT ARE NO LONGER NEEDED ARE TO BE REMOVED, BY EXCAVATING TO DEPTH THAT IS SUFFICIENT TO REMOVE EXISTING PAVEMENT MATERIAL. BACKFILL EXCAVATED AREA TO WITHIN 4 INCHES OF FINISHED GRADE WITH SELECT BACKFILL MATERIAL EXCAVATED FROM PROJECT SITE. PLACE 4 INCHES TOPSOIL, FINISH GRADE AREA AND HYDROSEED. PER SECTIONS S610 LANDSCAPE, S613 TOPSOIL AND NYS DOT SECTION 203 EXCAVATION AND EMBANKMENT.
- CONTRACTOR MUST CONTACT MCDOT DISPATCHER AT (585) 753-7750 MINIMUM OF 5 WORKING DAYS PRIOR TO REMOVING OR RESETTING ANY TRAFFIC AND PARKING REGULATION SIGNS.

FORESTRY

- CONTRACTOR IS TO BE AWARE OF AND FAMILIAR WITH REQUIREMENTS OF SECTIONS 89-9 TREES AND 89-12 PENALTIES OF CITY CODE AS THEY WILL BE STRICTLY ADHERED TO. CITY CODE CAN BE FOUND ON CITY OF ROCHESTER'S WEB SITE AT <http://www.cityofrochester.gov/nrcs/nrcs.htm>, UNDER "CITY CHARTER AND CODE ONLINE".
- CONTRACTOR IS TO PROVIDE PROTECTION FOR ALL EXISTING TREES WITHIN PROJECT LIMITS THROUGHOUT COURSE OF PROJECT, TO MINIMIZE AS MUCH AS POSSIBLE ANY DAMAGE FROM OCCURRING TO EXISTING TREES AS RESULT OF CONTRACTOR'S OPERATIONS. TREE PROTECTION IS TO CONSIST OF ORANGE CONSTRUCTION SAFETY FENCING OR WOOD RAILS PLACED AROUND AND COMPLETELY ENCOMPASSING EACH EXISTING TREE, AND IS TO BE IN PLACE BEFORE ANY WORK IS STARTED, PER SECTION S617 TREE PROTECTION AND CONTRACT DOCUMENTS.
- OVERALL EXISTING TREE ROOT SYSTEM MUST BE STRUCTURALLY ADEQUATE FOR EXISTING TREE TO WITHSTAND HEAVY WINDSTORMS. IN AREAS OF CURB/CORNER/GUTTER/PAVEMENT WORK, ANY EXISTING TREE ROOTS THAT ARE 2 INCHES OR LARGER IN DIAMETER AND ARE IN CONFLICT WITH SUCH WORK, MUST BE INSPECTED BY CITY FORESTRY BEFORE CUTTING CAN OCCUR. CONTRACTOR MUST CONTACT CITY FORESTRY AT (585) 428-7581 TO MAKE ARRANGEMENTS FOR SUCH INSPECTION. EXISTING TREE ROOTS THAT ARE SMALLER THAN 2 INCHES IN DIAMETER, ARE TO BE CUT CLEANLY WITH SHARP IMPLEMENTS.
- IN AREAS OF SIDEWALK CONSTRUCTION, EXISTING TREE ROOTS THAT ARE LOCATED UNDER AREA OF SIDEWALK CONSTRUCTION ARE NOT TO BE CUT, IF ANY OF EXISTING TREE ROOTS ARE 2 INCHES OR LARGER IN DIAMETER, SUBBASE COURSE MATERIAL IS NOT TO BE INSTALLED WITHIN 1 FOOT OF EXISTING TREE ROOT(S), AND CONCRETE IS TO BE POURED OVER EXISTING TREE ROOT(S).
- IN AREAS OF DRIVEWAY, DRIVEWAY APPROACHES AND SIDEWALK ACCESS RAMP CONSTRUCTION, EXISTING TREE ROOTS ARE NOT TO BE CUT BY MEANS OF MECHANICAL TREE ROOT CUTTING MACHINES. IF ANY OF EXISTING TREE ROOTS MUST BE CUT, THEY ARE TO BE CUT MANUALLY WITH SHARP IMPLEMENTS.
- IN AREAS WHERE EXISTING TREE ROOTS BECOME EXPOSED BY CONSTRUCTION ACTIVITIES, THEY ARE TO BE COVERED WITH MULCH, TOPSOIL OR MOISTENED BURLAP, AND WATERED STARTING IMMEDIATELY AFTER EXPOSURE AND CONTINUING UNTIL EXCAVATED AREA IS RESTORED.
- IF HEAVY EQUIPMENT MUST BE DRIVEN ON TREE LAWN AREA OVER TREE ROOT ZONE, PLYWOOD MUST BE PLACED ON GROUND/TREE LAWN AREA SO AS TO DISPERSE COMPACTION AND PREVENT SOIL RUTTING. NO EQUIPMENT OR MATERIALS ARE TO BE STORED OVER TREE ROOT ZONE.

MONROE COUNTY PURE WATERS

- CONTRACTOR IS TO CONSTRUCT ALL SEWER APPURTENANCES (MAIN SEWER, LATERAL, CATCH BASINS AND MANHOLES) IN CONFORMANCE WITH SPECIFICATIONS OF ROCHESTER PURE WATERS DISTRICT. ANY NEW PORTION OF CATCH BASIN LATERAL INSTALLED WITHIN PUBLIC R.O.W. MUST BE SDR-21 PVC CONFORMING TO ASTM D-2241. JOINTS ON HORIZONTAL PORTIONS AND BENDS ARE TO BE PUSH-ON NEOPRENE GASKETS. GLUED OR CHEMICALLY WELDED JOINTS WILL NOT BE ACCEPTABLE. ANY DEDICATED MAINLINE SEWER PIPE AND ASSOCIATED FITTINGS INSTALLED AS PART OF CITY STREET PROJECT MUST BE SDR-35 PVC CONFORMING TO ASTM D-3034.
- CONTRACTOR IS TO TAKE APPROPRIATE MEASURES TO PREVENT DIRT, DEBRIS AND CONSTRUCTION MATERIALS FROM ENTERING SEWER APPURTENANCES (SEWER MAIN, LATERAL, CATCH BASINS AND MANHOLES) DURING CONSTRUCTION OF PROJECT.
- RPWD WILL LOCATE AND MARK EXISTING LATERALS AT REQUEST OF CONTRACTOR. RPWD IS ONLY ABLE TO MARK WYE LOCATION AT MAIN SEWER, AND CANNOT VERIFY LOCATION OF LATERAL BACK TO R.O.W. CONTRACTOR MAY REQUEST LATERAL STAKEOUT BY CONTACTING MCPW DEVELOPMENT REVIEW OFFICE AT (585) 753-7600, OPTION 5.
- RPWD IS TO BE NOTIFIED IMMEDIATELY IN EVENT OF ANY DAMAGE TO SEWER APPURTENANCES BY CALLING (585) 753-7600, OPTION 1. ALL REPAIRS ARE TO BE PERFORMED IN PRESENCE OF REPRESENTATIVE OF RPWD, AND ARE TO BE MADE AS PER RPWD SPECIFICATIONS.
- IN EVENT THAT EXISTING SEWER MAINS OR LATERAL PIPES ARE BROKEN DURING EXCAVATION, ANY AND ALL REPAIRS MUST BE EXTENDED LINEARLY. INTRODUCING NEW BENDS IN PIPE WILL NOT BE PERMITTED. ALL 5 INCH INSIDE DIAMETER LATERAL PIPE MUST BE REPAIRED USING 5 INCH SERVICE WEIGHT CAST IRON PIPE AND FERROU COUPLERS. CONTRACTOR MAY BE PERMITTED TO USE OAKUM AND EPOXY MORTAR TO CONNECT NEW PVC PIPE TO AN EXISTING BELL THAT IS IN GOOD CONDITION.
- STONE BEDDING MATERIAL USED FOR SEWER MAIN AND LATERAL PIPE REPAIRS IS TO BE CLASS B CONSISTING OF #1 AND #2 WASHED STONE AT MINIMUM OF 6 INCH DEPTH.
- WHEN NEW MANHOLE FRAMES AND COVERS ARE REQUIRED BY CONTRACT, CONTRACTOR WILL REPLACE EXISTING SEWER MANHOLE FRAMES AND COVERS (AS PER CONTRACT) WITH NEW 9 INCH FRAMES AND COVERS. CONTRACTOR WILL BE RESPONSIBLE FOR PURCHASING AND DELIVERY OF FRAMES AND COVERS. FRAMES AND COVERS WILL MEET RPWD SPECIFICATIONS (A.S.T.M. 446 (LATEST REVISION) CLASS 30B). CONTRACTOR IS TO ADD REMOVE ADDITIONAL COURSES OF BRICK/BLOCK AS/IF REQUIRED TO RETROFIT NEW FRAMES ONTO EXISTING MANHOLE STRUCTURES AT REQUIRED FINISHED GRADE.
- WHERE AN EXISTING CATCH BASIN IS TO BE REMOVED, ALL PORTIONS OF CATCH BASIN WALLS AND FOUNDATION ARE TO BE REMOVED AND EXISTING LATERAL ABANDONED AS PER RPWD SPECIFICATIONS.
- ALL REMOVED SEWER MANHOLE FRAMES AND COVERS AND CATCH BASIN GRATES, ACCESS COVERS AND CAPSTONES ARE PROPERTY OF ROCHESTER PURE WATERS DISTRICT. RETURN ITEMS TO MCPW FLEET CENTER, 145 PAUL ROAD, ROCHESTER, NEW YORK, MONDAY THROUGH FRIDAY BETWEEN 8:00AM AND 3:00PM AT NO COST TO OWNER.
- CONTRACTOR IS TO NOTIFY MCPW BY CALLING (585) 753-7600, OPTION 5, MINIMUM OF 48 HOURS IN ADVANCE WHEN PLANNING ON WORKING ADJACENT TO EXISTING MC FIBER OPTIC FACILITIES.

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH STANDARD WATER MAIN EXTENSION

- THE WATER MAIN AND TEMPORARY BYPASS PIPE SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS, DESIGNATION C651, BY USING THE CONTINUOUS FEED METHOD. FOLLOWING DISINFECTION, THE WATER MAIN AND BYPASS PIPE SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM. THE INTERIOR OF ALL WATER MAIN PIPE, VALVES, FITTINGS AND SERVICES 4 INCHES AND LARGER, INCLUDING NEW HYDRANT BRANCHES CONNECTED TO EXISTING WATER MAINS, NOT RECEIVING 24 HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SPRAY OR SWAB DISINFECTED WITH A MINIMUM 1% - 5% SOLUTION OF CHLORINE NO MORE THAN 30 MINUTES PRIOR TO INSTALLATION. ADDITIONALLY, THE EXTERIOR SURFACES OF EXISTING PIPE AND FITTINGS THAT NEW PIPE AND FITTINGS WILL BE CONNECTED TO MUST BE THOROUGHLY CLEANED AND DISINFECTED. THE MAXIMUM DISTANCE BETWEEN DISINFECTION/SAMPLING TAPS ON NEW WATER MAIN AND BYPASS PIPE SHALL BE 1,000 FEET. THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS. THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH (MCPH) MUST RECEIVE AT LEAST 48 HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. THE CONTRACTOR SHALL CALL (585) 753-5057 TO ARRANGE FOR SAMPLING SERVICES AND IS RESPONSIBLE FOR PAYING ALL MCPH SAMPLING FEES. 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 PROCEDURES 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 AND BYPASS PIPE SHALL NOT BE PLACED IN SERVICE UNTIL SO AUTHORIZED BY THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH.
- UNLESS OTHERWISE NOTED OR SHOWN ON THE APPROVED PLANS, THE MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER PIPE LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. THE MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS SHALL BE 18 INCHES MEASURED FROM THE CENTERLINE OF THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN 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. UNLESS OTHERWISE NOTED OR SHOWN ON THE APPROVED PLANS, THE MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS 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 7 FEET OF FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED.
- THE NEW WATER MAIN SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600 (LATEST REVISION) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER. FOR CITY OF ROCHESTER WATER MAINS, PRESSURE/LEAKAGE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SUBSECTION 3.05 OF CITY OF ROCHESTER WATER BUREAU SPECIFICATION S900 - GENERAL WATER PROVISIONS.

WATER MAIN AND WATER SERVICE

- ROCHESTER WATER BUREAU REQUIRES THAT HYDRANT USE PERMIT BE OBTAINED BY CONTRACTOR PRIOR TO USING ANY HYDRANT AS SOURCE OF WATER SUPPLY. PERMIT REQUIRES USE OF WATER METER AND BACKFLOW PREVENTER. WATER BUREAU WILL SUPPLY WATER METER AND BACKFLOW PREVENTER WITH PERMIT. PERMIT FEE INCLUDES REFUNDABLE DEPOSIT FOR USE OF WATER METER AND BACKFLOW PREVENTER.
- CONTRACTOR IS TO EXERCISE CAUTION WHEN WORKING NEAR WATER MAINS WHICH ARE TO BE RETAINED. NO VIBRATORY EQUIPMENT IS TO BE USED OVER OR ADJACENT TO EXISTING WATER MAINS.
- FOR ALL ABANDONED WATER MAIN AND HYDRANT BRANCHES, CONTRACTOR IS TO PLUG ALL CUT AND OPEN ENDS WITH 12 INCHES OF CONCRETE. CONTRACTOR IS TO LEAVE ABANDONED WATER MAIN LINE, HYDRANT BRANCH AND SERVICE VALVES IN CLOSED POSITION.
- ALL NEW WATER MAINS ARE TO BE INSTALLED WITH MINIMUM COVER DEPTH FROM PROPOSED FINISHED GRADE OF 4.5 FEET FOR DOMESTIC WATER MAINS, AND 5 FEET FOR HOLLY WATER MAINS.
- ALL NEW DUCTILE IRON WATER MAIN IS TO BE INSTALLED WITH POLYETHYLENE ENCASEMENT, AND MAY REQUIRE INSTALLATION OF CATHODIC PROTECTION ANODES, AS SHOWN ON PLANS OR AS DIRECTED BY PROJECT MANAGER.
- APPROPRIATE MEASURES ARE TO BE TAKEN TO PREVENT DIRT, DEBRIS, SURFACE AND GROUND WATER FROM CONTAMINATING WATER MAIN. WATER LEVEL IN EXCAVATION AT OPEN WATER PIPE ENDS IS NEVER TO BE LESS THAN 12 INCHES BELOW INVERT OF WATER MAIN, WHENEVER AN OPEN WATER PIPE END IS LEFT UNATTENDED, IT IS TO BE COVERED IN WATER TIGHT MANNER.
- TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER MAINS AND WATER SERVICES.
- FOR EXISTING WATER VALVES AND CURB STOPS THAT ARE LOCATED ON WATER MAINS AND WATER SERVICES WHICH ARE TO BE RETAINED, EXISTING WATER VALVE AND CURB BOXES ARE TO BE ADJUSTED TO GRADE OR REPLACED, AS SHOWN ON PLANS OR AS DIRECTED BY PROJECT MANAGER.
- ALL GATE VALVES REQUIRE MECHANICAL JOINT RESTRAINT WITHIN 18 FEET OF GATE VALVE.
- ALL WATER SERVICE TAPS ON PVC/PVCO WATER MAIN REQUIRE SERVICE SADDLES.
- STAINLESS STEEL INSERTS ARE REQUIRED ON ALL POLYETHYLENE (PE) WATER SERVICE FITTINGS.

SOIL EROSION AND WATER POLLUTION ABATEMENT

- CONTRACTOR IS TO BE IN FULL COMPLIANCE WITH REQUIREMENTS OF CITY OF ROCHESTER LAWS AND REGULATIONS, SUBSECTION 10 COMPLIANCE WITH AIR AND WATER LAWS AND REGULATIONS, WHICH STATE IN PART:
- SOIL EROSION AND WATER POLLUTION ABATEMENT. THE CONTRACTOR SHALL SCHEDULE AND CONDUCT ITS OPERATIONS TO MINIMIZE EROSION OF SOILS AND TO PREVENT SILTING AND MUDDYING OF STREAMS, RIVERS, IRRIGATION SYSTEMS, IMPOUNDMENTS (LAKES, RESERVOIRS, ETC.) AND LANDS ADJACENT TO OR AFFECTED BY THE WORK. CONSTRUCTION OF DRAINAGE FACILITIES AND PERFORMANCE, OR OTHER WORK, WHICH WILL CONTRIBUTE TO THE CONTROL OF EROSION AND SEDIMENTATION SHALL BE CARRIED OUT IN CONJUNCTION WITH EARTHWORK OPERATIONS, OR AS SOON THEREAFTER AS PRACTICABLE. THE AREA OF BARE SOIL EXPOSED AT ANY ONE TIME BY CONSTRUCTION OPERATIONS SHALL BE KEPT TO A MINIMUM.
 - WHEN IT BECOMES NECESSARY, THE PROJECT MANAGER WILL INFORM THE CONTRACTOR OF UNSATISFACTORY CONSTRUCTION PROCEDURES AND OPERATIONS INsofar AS EROSION CONTROL, WATER AND POLLUTION ARE CONCERNED. IF THE UNSATISFACTORY CONSTRUCTION PROCEDURES AND OPERATIONS ARE NOT CORRECTED PROMPTLY, THE PROJECT MANAGER MAY SUSPEND THE PERFORMANCE OF ANY OR ALL OF OTHER CONSTRUCTION UNTIL THE UNSATISFACTORY CONDITION BEEN CORRECTED.

LEGEND

EXISTING	PROPOSED
RIGHT-OF-WAY LINE	RIGHT-OF-WAY LINE
PROPERTY LINE	PROPERTY LINE
BUILDING LINE	HORIZONTAL CONTROL MONUMENT
USGS/USC&GS MONUMENT	VERTICAL CONTROL MONUMENT
HORIZONTAL CONTROL MONUMENT	CURB LINE
VERTICAL CONTROL MONUMENT	STEEL CURB
BORE LOCATION AND REFERENCE NUMBER	ADDITIONAL WORK LIMIT LINE
CORE LOCATION AND REFERENCE NUMBER	CONCRETE SIDEWALK/DRIVEWAY
FENCE LINE AND TYPE	ASPHALT DRIVEWAY
CURB LINE AND TYPE	MISCELLANEOUS EXCAVATION - SEE GENERAL NOTE #10
SLATE SIDEWALK	PAVEMENT REHABILITATION/RECONSTRUCTION AREA
SHRUB ROW	TREE PLANTING
TREE AND DIAMETER AT DBH	CATCH BASIN FRAME AND GRATE ADJUSTMENT
SEWER MANHOLE	CATCH BASIN
COMBINED SEWER, SIZE AND TYPE	MANHOLE FRAME AND COVER ADJUSTMENT/REPLACEMENT
STORM WATER SEWER, SIZE AND TYPE	MANHOLE
SANITARY SEWER, SIZE AND TYPE	HYDRANT, BRANCH, WATER VALVE AND TEE
CATCH BASIN AND LATERAL	WATER MAIN - NOTE SIZE AND TYPE
CATCH BASIN W/CAPSTONE AND LATERAL	DISINFECTION/SAMPLING TAP
SEWER CLEAN-OUT	CATHODIC PROTECTION TEST STATION
HYDRANT, BRANCH AND WATER VALVE	TRACER WIRE TERMINATION BOX
WATER MAIN AND SIZE, WATER VALVE	MAIN LINE WATER VALVE
WATER REDUCER	WATER REDUCER, OFFSET OR BENDS
WATER SERVICE AND CURB STOP	WATER SERVICE AND CURB STOP
MONITORING WELL	TEMPORARY WATER BYPASS PIPE AND HYDRANT
CONCRETE STREET LIGHT POLE	FIBERGLASS STREET LIGHT POLE
METAL STREET LIGHT POLE	METAL STREET LIGHT POLE
WOOD POWER POLE	STREET LIGHTING HANDHOLE OR PULLBOX
WOOD POWER POLE w/GUY WIRE	ARTERIAL STREET LIGHTING CONDUIT
WOOD POWER POLE w/STREET LIGHT	RESIDENTIAL STREET LIGHTING CONDUIT
UTILITY HANDHOLE OR PULLBOX	PEDESTRIAN SIGNAL POLE w/SIGNAL HEAD
UTILITY MANHOLE W/ VAULT	TRAFFIC SIGNAL CONTROL BOX
CABLEVISION UNDERGROUND CONDUIT	TRAFFIC SIGNAL POLE
ELECTRIC UNDERGROUND CONDUIT	TRAFFIC SIGNAL POLE w/STREET LIGHT
FIBER OPTICS UNDERGROUND CONDUIT	SIGN SLEEVE
TELECOMMUNICATIONS UNDERGROUND CONDUIT	DRAINAGE FLOW
FIBERGLASS STREET LIGHT POLE	SIDEWALK ACCESS RAMPS
CITY OF ROCHESTER HANDHOLE	
CITY OF ROCHESTER PULLBOX	
CITY OF ROCHESTER STREET LIGHTING CONDUIT	
GAS MAIN AND SIZE, GAS VALVE	
STEAM LINE AND SIZE	
PEDESTRIAN SIGNAL POLE w/SIGNAL HEAD	
TRAFFIC SIGNAL CONTROL BOX	
TRAFFIC SIGNAL POLE	
TRAFFIC SIGNAL POLE w/STREET LIGHT	
TRAFFIC SIGNAL CONDUIT	
SIGN SLEEVE	
DRAINAGE FLOW	
SIDEWALK ACCESS RAMPS	
MAIL BOX AND CONCRETE PAD	
FLAG POLE	
PARKING METER	
SIGN POST AND SIGN PANEL	

ABBREVIATIONS

ABND	ABANDONED
ADJ	ADJUST
AOBPM	AS ORDERED BY PROJECT MANAGER
APPROX	APPROXIMATE
ASPH	ASPHALT
B	BASELINE
BLDG	BUILDING
BM	BENCH MARK
B/T	BLACKTOP
C	CURB
CALC	CALCULATED
CIP	CAST IRON PIPE
C	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
COR	CITY OF ROCHESTER
Δ	DELTA OF CURVE
DH	DRILL HOLE
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DRWY, DW	DRIVEWAY
DWG	DRAWING
E	EXTERNAL DISTANCE
ELEV	ELEVATION
EXIST	EXISTING
FC	FRONTIER COMMUNICATIONS
FT	FEET
G	GUTTER
HORIZ, HORIZ	HORIZONTAL
INV	INVERT
IP	IRON PIN
L	LENGTH OF CURVE
LH	SEWER LAMP HOLE
LT	LEFT
MAX	MAXIMUM
MCDOT	MONROE COUNTY DEPARTMENT OF TRANSPORTATION
MCDPH	MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH
MCPW	MONROE COUNTY DIVISION OF PURE WATERS
MCVWA	MONROE COUNTY WATER AUTHORITY
MIN	MINIMUM
MISC	MISCELLANEOUS
MON	MONUMENT
NF	NOW OR FORMERLY
N.I.C.	NOT IN CONTRACT
NYS	NEW YORK STATE
PAVT, PVT	PAVEMENT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PCP	PLAIN CONCRETE PIPE
PI	POINT OF INTERSECTION
PK	POINT KNOWN MAIL
PL	PROPERTY LINE
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVCO	MOLECULAR ORIENTED POLYVINYL CHLORIDE PIPE
PVCP	POLYVINYL CHLORIDE PIPE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
R	RADIUS OF CURVE
RCP	REINFORCED CONCRETE PIPE
RCS	ROCHESTER CITY SURVEY
RG&E	ROCHESTER GAS AND ELECTRIC
R.O.W.	RIGHT-OF-WAY
RPWD	ROCHESTER PURE WATERS DISTRICT
RT	RIGHT
RTS	ROCHESTER TOPOGRAPHICAL SURVEY
ST BOX	STONE BOX SEWER
STA	STATION
T	TANGENT LENGTH OF CURVE
TC	TOP OF CURB
TG	TOP OF CATCH BASIN GRATE
TWC	TIME WARNER CABLE
TYP	TYPICAL
USC&GS	UNITED STATES COAST AND GEODETIC SURVEY
USGS	UNITED STATES GEOLOGICAL SURVEY
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VTP	VITRIFIED TILE PIPE
XVCP	EXTRA STRENGTH VITRIFIED CLAY PIPE
Y	WYE OR Y-BRANCH

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THIS IS A GENERIC DRAWING AND EVERYTHING DEPICTED HEREON MAY NOT NECESSARILY PERTAIN TO THIS PROJECT

Department of Environmental Services
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MANAGING ENGINEER
CITY ENGINEER

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PROJECT TITLE
STREET IMPROVEMENT PROGRAM HINCHER GROUP

ISSUED
JUNE 1, 2015

CHECKED
LYR

DRAWN
RKS

DESIGN
LYR

SCALE
NONE

PROJECT NUMBER
12109

NO.

BY

REVISION

DRAWING NO.
2

OF
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