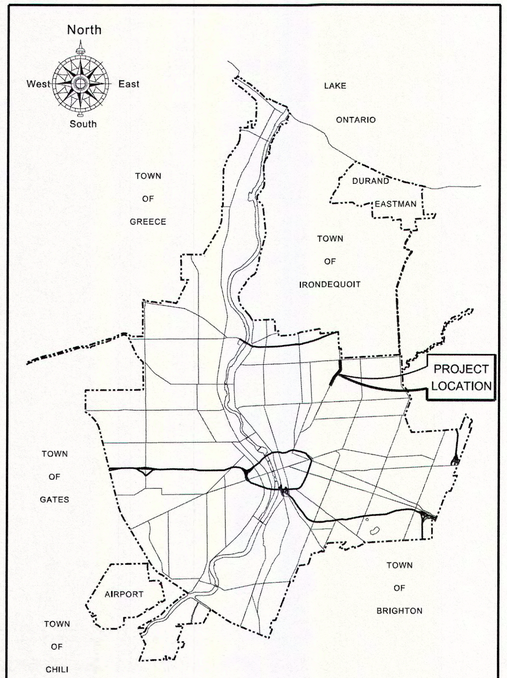
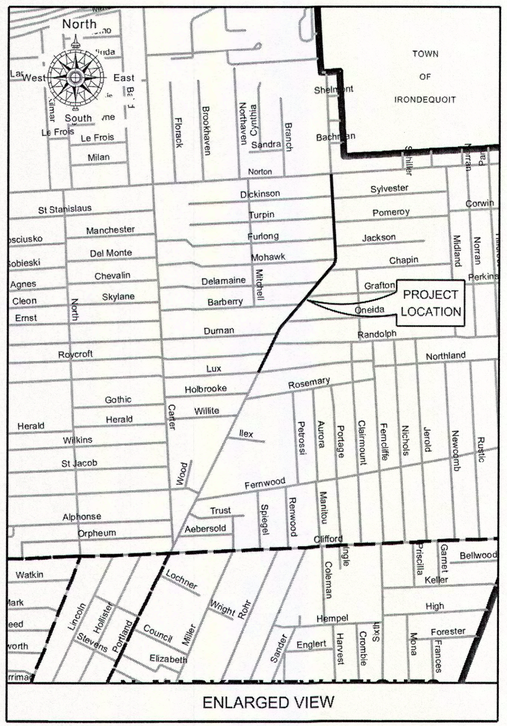
STD SET



GENERAL LOCATION MAP



ENLARGED VIEW

CITY OF ROCHESTER, NEW YORK

DEPARTMENT OF ENVIRONMENTAL SERVICES

STREET IMPROVEMENT PROGRAM

PORTLAND AVENUE REVITALIZATION

FROM LUX STREET TO NORTON STREET

PROJECT LENGTH 2,750 FEET

PC 14105

PORTLAND AVE
REVITALIZATION
PC 14105

6/16/15
STD
comments

PRE-PSE
SUBMISSION
6/8/2015

Keep MCDOT Signature Line!

move

Norm should be listed FIRST

TERRENCE J. RICE, P.E. DATE
DIRECTOR OF TRANSPORTATION
MONROE COUNTY
DEPARTMENT OF TRANSPORTATION

NORMAN H. JONES DATE
COMMISSIONER
DEPARTMENT OF ENVIRONMENTAL SERVICES
CITY OF ROCHESTER

JAMES R. McINTOSH, P.E. DATE
CITY ENGINEER
CITY OF ROCHESTER

ENRIQUE C. MAISCH, P.E. DATE
DIRECTOR OF WATER
CITY OF ROCHESTER

COMMENTS
GS-1
TS-1
TS-2
TS-12
CD-13
CD-17
CT-1
CT-2
CT-3
CT-16
CT-17
PL-1
PL-2
PL-3
PL-4
PL-5
PL-6
LA-1
GN-1

(move to end)

PLOTTED: $DATE$
BY: $USERNAME$
FILE: $FILE$

GENERAL

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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 NYSDOT MATERIAL DESIGNATION 702-0500 OR 702-3401, COST OF WHICH IS TO BE INCLUDED IN UNIT PRICE BID FOR RESPECTIVE WORK RELATED ITEM.
7. 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.
8. SIDEWALK ACCESS RAMPS ARE TO BE LOCATED AND OF TYPE SHOWN IN CONTRACT DRAWINGS. HEADER CURB FOR SIDEWALK ACCESS RAMPS IS TO BE 5 FEET IN LENGTH, WITH TRANSITION CURBS BEING FROM 3 TO 7 FEET IN LENGTH.
9. WHERE NEW SIDEWALK IS TO BE CONSTRUCTED ADJACENT TO EXISTING PAVED AREAS, MINIMUM OF 2 FEET OF ADJACENT PAVED AREA IS TO BE REPLACED IN KIND.
10. 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 NYSDOT SECTION 203 EXCAVATION AND EMBANKMENT.
11. 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

1. 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://ww.cityofrochester.gov/services, UNDER "CITY CHARTER AND CODE ONLINE".
2. 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.
3. OVERALL EXISTING TREE ROOT SYSTEM MUST REMAIN STRUCTURALLY ADEQUATE FOR EXISTING TREE TO WITHSTAND HEAVY WINDSTORMS. IN AREAS OF CURB/CONCRETE 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.
4. 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).
5. 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.
6. 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.
7. 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.
8. EXISTING TREE GRATES TO BE REMOVED AND RETURNED TO THE CITY OF ROCHESTER.

PURE WATERS

1. CONTRACTOR IS TO CONSTRUCT ALL SEWER APPURTENANCES (MAIN SEWER, LATERAL, CATCH BASINS AND MANHOLES) IN CONFORMANCE WITH THE SPECIFICATIONS OF THE ROCHESTER PURE WATERS DISTRICT.
2. 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.
3. RPWD WILL LOCATE AND MARK EXISTING LATERALS AT THE REQUEST OF THE CONTRACTOR. THE RPWD IS ONLY ABLE TO MARK THE WYE LOCATION AT THE MAIN SEWER, AND CANNOT VERIFY THE LOCATION OF THE LATERAL BACK TO THE R.O.W. CONTRACTOR MAY REQUEST A LATERAL STAKEOUT BY CONTACTING MCPW MAPS AND RECORDS ROOM AT (585) 753-7367.
4. RPWD IS TO BE NOTIFIED IMMEDIATELY IN THE EVENT OF ANY DAMAGE TO SEWER APPURTENANCES BY CALLING (585) 753-7351. ALL REPAIRS ARE TO BE PERFORMED IN THE PRESENCE OF A REPRESENTATIVE OF RPWD, AND ARE TO BE MADE AS PER RPWD SPECIFICATIONS.
5. IN THE 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 TWO FERNCOS. CONTRACTOR MAY BE PERMITTED TO USE OAKUM AND EPOXY MORTAR TO CONNECT NEW PVC PIPE TO AN EXISTING BELL THAT IS IN GOOD CONDITION.
6. STONE BEDDING MATERIAL USED FOR SEWER MAIN AND LATERAL PIPE REPAIRS IS TO BE CLASS B CONSISTING OF #1 AND #2 WASHED STONE AT A MINIMUM OF 6 INCH DEPTH.
7. CONTRACTOR WILL REPLACE ALL EXISTING SEWER MANHOLE FRAMES AND COVERS (AS PER CONTRACT) WITH NEW 9 INCH FRAMES AND COVERS. CONTRACTOR WILL BE RESPONSIBLE FOR THE PURCHASING AND DELIVERY OF THE FRAMES AND COVERS. FRAMES AND COVERS WILL MEET RPWD SPECIFICATIONS (A.S.T.M. A48 (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 THE REQUIRED FINISHED GRADE.
8. WHERE AN EXISTING CATCH BASIN IS TO BE REMOVED, ALL PORTIONS OF THE CATCH BASIN WALLS AND FOUNDATION ARE TO BE REMOVED AND THE EXISTING LATERAL ABANDONED AS PER RPWD SPECIFICATIONS.
9. ALL REMOVED SEWER MANHOLE FRAMES AND COVERS AND CATCH BASIN GRATES, ACCESS COVERS AND CAPSTONES ARE THE PROPERTY OF THE ROCHESTER PURE WATERS DISTRICT. RETURN ITEMS TO THE MCPW FLEET CENTER, 145 PAUL ROAD, ROCHESTER, NEW YORK, MONDAY THROUGH FRIDAY BETWEEN 8:00AM AND 3:00PM AT NO COST TO THE OWNER.
10. 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.

MCDPH STANDARD WATER MAIN EXTENSION

1. 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 (MCDPH) 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 MCDPH 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.
2. 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. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN 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 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.
3. WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN 7 FEET OF FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED.
4. 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

1. 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 PREVENTOR.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER MAINS AND WATER SERVICES.
8. 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.
9. ALL GATE VALVES REQUIRE MECHANICAL JOINT RESTRAINT WITHIN 18 FEET OF GATE VALVE.
10. ALL WATER SERVICE TAPS ON PVC/PVCO WATER MAIN REQUIRE SERVICE SADDLES.
11. STAINLESS STEEL INSERTS ARE REQUIRED ON ALL POLYETHYLENE (PE) WATER SERVICE FITTINGS.

LEGEND

EXISTING

- HB — RIGHT-OF-WAY LINE
- PROPERTY LINE
- BUILDING LINE
- USGS/USC&GS — USGS/USC&GS MONUMENT
- RCS — HORIZONTAL CONTROL MONUMENT
- RTS — VERTICAL CONTROL MONUMENT
- B-1 — BORE LOCATION AND REFERENCE NUMBER
- C-1 — CORE LOCATION AND REFERENCE NUMBER
- CHAIN LINK — FENCE LINE AND TYPE
- GRANITE CURB — CURB LINE AND TYPE
- SLATE SIDEWALK
- SHRUB ROW
- 6" — TREE AND DIAMETER AT DBH
- MH — SEWER MANHOLE
- S 12"VCP — COMBINED SEWER, SIZE AND TYPE
- SW 15"CMP — STORM WATER SEWER, SIZE AND TYPE
- SAN 8"VTP — SANITARY SEWER, SIZE AND TYPE
- CB — CATCH BASIN AND LATERAL
- CB — CATCH BASIN W/CAPSTONE AND LATERAL
- CO — SEWER CLEAN-OUT
- HYD WV — HYDRANT, BRANCH AND WATER VALVE
- 8" W WV — WATER MAIN AND SIZE, WATER VALVE
- WATER REDUCER
- CS — WATER SERVICE AND CURB STOP
- MW — MONITORING WELL
- CLP — CONCRETE STREET LIGHT POLE
- LP-XX — METAL STREET LIGHT POLE
- WPP — WOOD POWER POLE
- WPP GUY — WOOD POWER POLE W/GUY WIRE
- WLP — WOOD POWER POLE W/STREET LIGHT
- HH — UTILITY HANDHOLE OR PULLBOX
- MH — UTILITY MANHOLE W/ VAULT
- CTV — CABLEVISION UNDERGROUND CONDUIT
- E — ELECTRIC UNDERGROUND CONDUIT
- FO — FIBER OPTICS UNDERGROUND CONDUIT
- T — TELECOMMUNICATIONS UNDERGROUND CONDUIT
- FLP — FIBERGLASS STREET LIGHT POLE
- CHH — CITY OF ROCHESTER HANDHOLE
- CPB — CITY OF ROCHESTER PULLBOX
- CE — CITY OF ROCHESTER STREET LIGHTING CONDUIT
- 4"G GV — GAS MAIN AND SIZE, GAS VALVE
- ST 16"LP — STEAM LINE AND SIZE
- PED — PEDESTRIAN SIGNAL POLE W/SIGNAL HEAD
- TSCB — TRAFFIC SIGNAL CONTROL BOX
- TSP — TRAFFIC SIGNAL POLE
- TSLP — TRAFFIC SIGNAL POLE W/STREET LIGHT
- TS — TRAFFIC SIGNAL CONDUIT
- MAIL BOX — MAIL BOX AND CONCRETE PAD
- FLAG POLE — FLAG POLE
- PM — PARKING METER
- SP — SIGN POST AND SIGN PANEL

PROPOSED

- HB — RIGHT-OF-WAY LINE
- PROPERTY LINE
- RCS — HORIZONTAL CONTROL MONUMENT
- RTS — VERTICAL CONTROL MONUMENT
- CURB LINE
- ADDITIONAL WORK LIMIT LINE
- CONCRETE SIDEWALK/DRIVEWAY
- EXPOSED AGGREGRATE CONCRETE SIDEWALK
- GRASS
- ASPHALT DRIVEWAY
- MISCELLANEOUS EXCAVATION - SEE GENERAL NOTE #10
- PAVEMENT REHABILITATION/RECONSTRUCTION AREA
- TREE PLANTING
- TREE PLANTING IN SIDEWALK
- TREE REMOVAL
- CB-1 — CATCH BASIN FRAME AND GRATE ADJUSTMENT
- CB-1 — CATCH BASIN
- MH-1 — MANHOLE FRAME AND COVER ADJUSTMENT/REPLACEMENT
- MH-1 — MANHOLE
- HYDRANT, BRANCH, WATER VALVE AND TEE
- W — WATER MAIN - NOTE SIZE AND TYPE
- DISINFECTION/SAMPLING TAP
- TWTB — TRACER WIRE TERMINATION BOX
- MAIN LINE WATER VALVE
- WATER REDUCER, OFFSET OR BENDS
- WATER SERVICE AND CURB STOP
- TH — TEMPORARY WATER BYPASS PIPE AND HYDRANT
- LIGHT POLE (BY OTHERS) ON EXISTING FOUNDATION
- LIGHT POLE (BY OTHERS) AND FOUNDATION
- LIGHTING ARM ON EXISTING TRAFFIC POLE (BY OTHERS)
- STREET LIGHTING HANDHOLE OR PULLBOX
- E — ARTERIAL STREET LIGHTING CONDUIT
- CE — RESIDENTIAL STREET LIGHTING CONDUIT
- PED — PEDESTRIAN SIGNAL POLE W/ SIGNAL HEAD
- TSCB — TRAFFIC SIGNAL CONTROL BOX
- TSP — TRAFFIC SIGNAL POLE
- TSLP — TRAFFIC SIGNAL POLE W/ STREET LIGHT
- TS — TRAFFIC SIGNAL CONDUIT
- SS — SIGN SLEEVE
- DRAINAGE FLOW
- REMOVE
- ABANDON
- CUT AND PLUG EXISTING LATERAL

ABBREVIATIONS

ABND	ABANDONED
ADJ	ADJUST
AOBPM	AS ORDERED BY PROJECT MANAGER
APPROX	APPROXIMATE
ASPH	ASPHALT
℄	BASELINE
BLDG	BUILDING
BM	BENCH MARK
B/T	BLACKTOP
C	CURB
CALC	CALCULATED
CIP	CAST IRON PIPE
℄	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	DRIVEWAY
DWG	DRAWING
E	EXTERNAL DISTANCE
ELEV	ELEVATION
EXIST	EXISTING
FC	FRONTIER COMMUNICATIONS
FT	FEET
G	GUTTER
HORZ/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
MCWA	MONROE COUNTY WATER AUTHORITY
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
MJ-R	MECHANICAL JOINT - RESTRAINED
MON	MONUMENT
N/F	NOW OR FORMERLY
N.I.C.	NOT IN CONTRACT
NYS	NEW YORK STATE
PAVT	PAVEMENT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PCP	PLAIN CONCRETE PIPE
PE	POLYETHYLENE
PI	POINT OF INTERSECTION
PK	POINT KNOWN NAIL
℗	PROPERTY LINE
POT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVATURE
PVC	POINT OF VERTICAL CURVATURE
PVCO	MOLECULARY 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
RGE	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
TGL	THEORETICAL GRADE LINE
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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DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

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CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

GENERAL NOTES, LEGEND, AND INDEX

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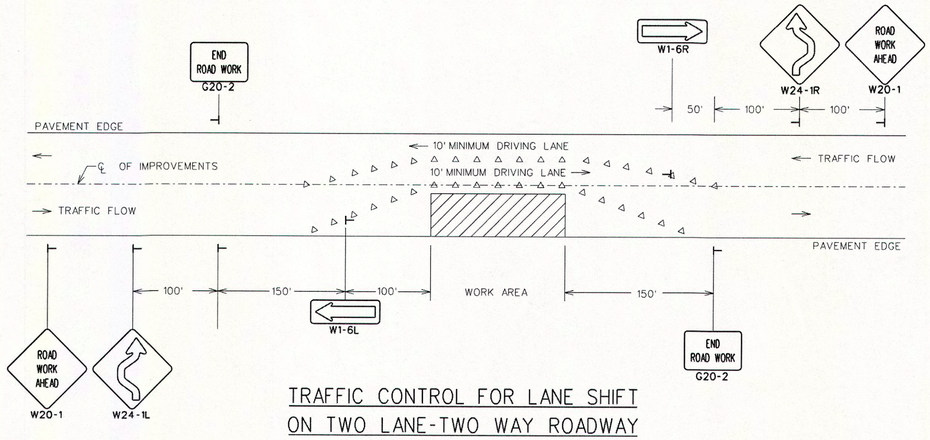
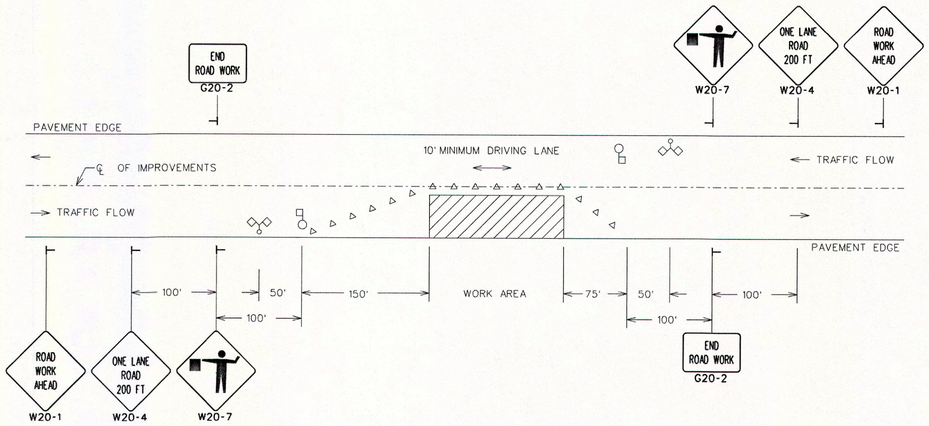


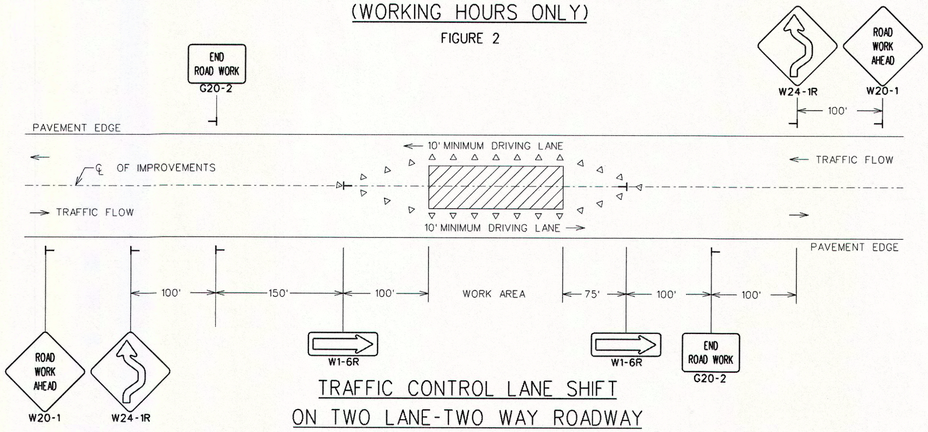
TRAFFIC CONTROL FOR LANE SHIFT
ON TWO LANE-TWO WAY ROADWAY
(WORKING HOURS ONLY)

FIGURE 1



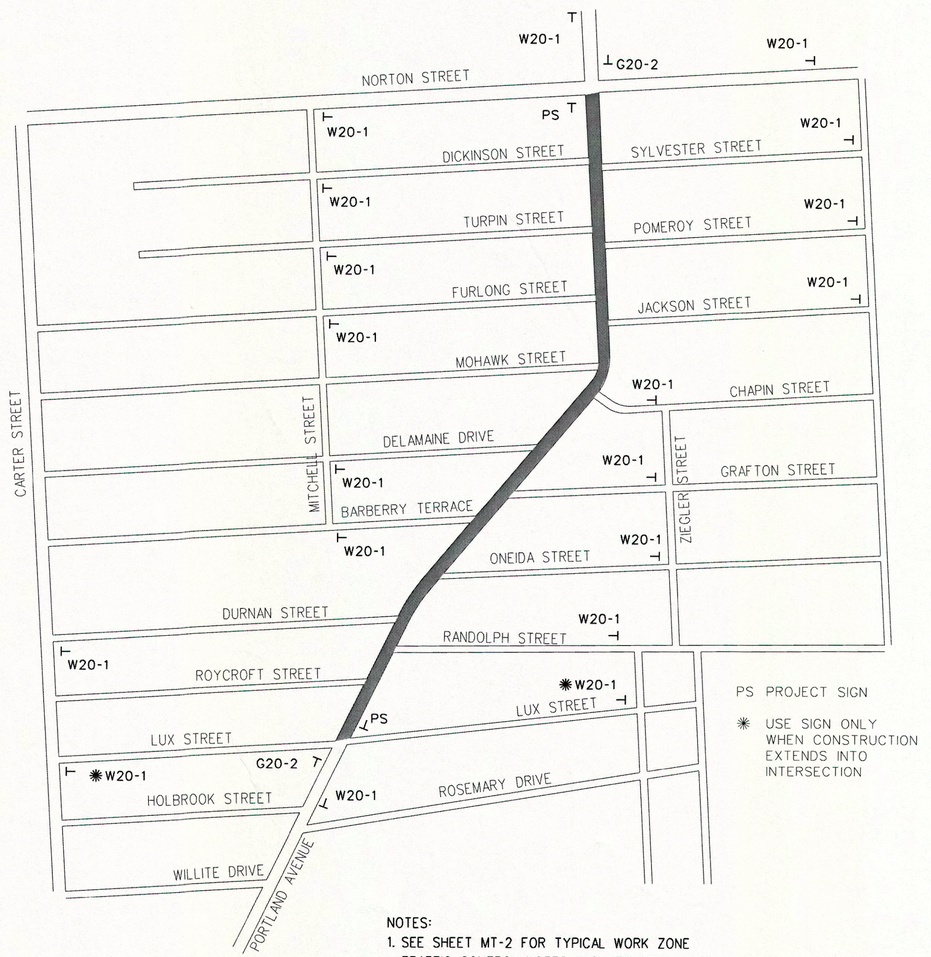
TRAFFIC CONTROL FOR ONE LANE SECTIONS
ON TWO LANE-TWO WAY ROADWAY
(WORKING HOURS ONLY)

FIGURE 2



TRAFFIC CONTROL LANE SHIFT
ON TWO LANE-TWO WAY ROADWAY
(WORKING HOURS ONLY)

FIGURE 2



NOTES:

1. SEE SHEET MT-2 FOR TYPICAL WORK ZONE TRAFFIC CONTROL NOTES AND LEGEND.
2. THE WORK ZONE TRAFFIC CONTROL PLANS SHOWN ARE CONSIDERED TO BE MINIMUM REQUIREMENTS. ADDITIONAL SIGNS AND/OR CONTROL DEVICES MAY BE REQUIRED, A.O.B.E.

DATE: JUNE 2015
SCALE: NTS
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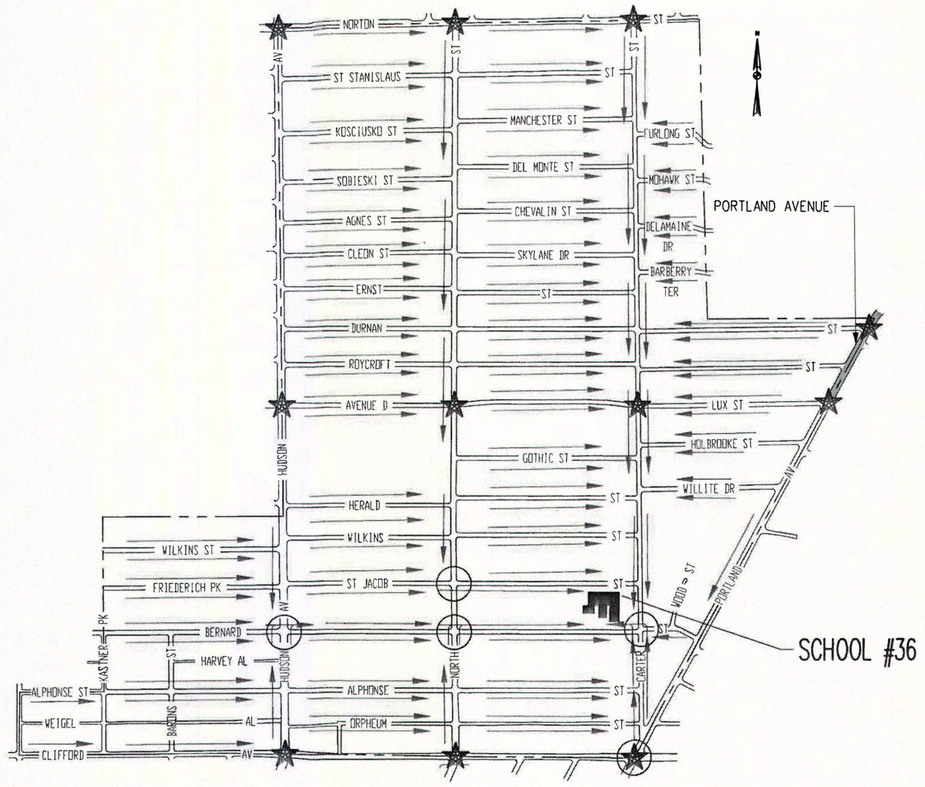
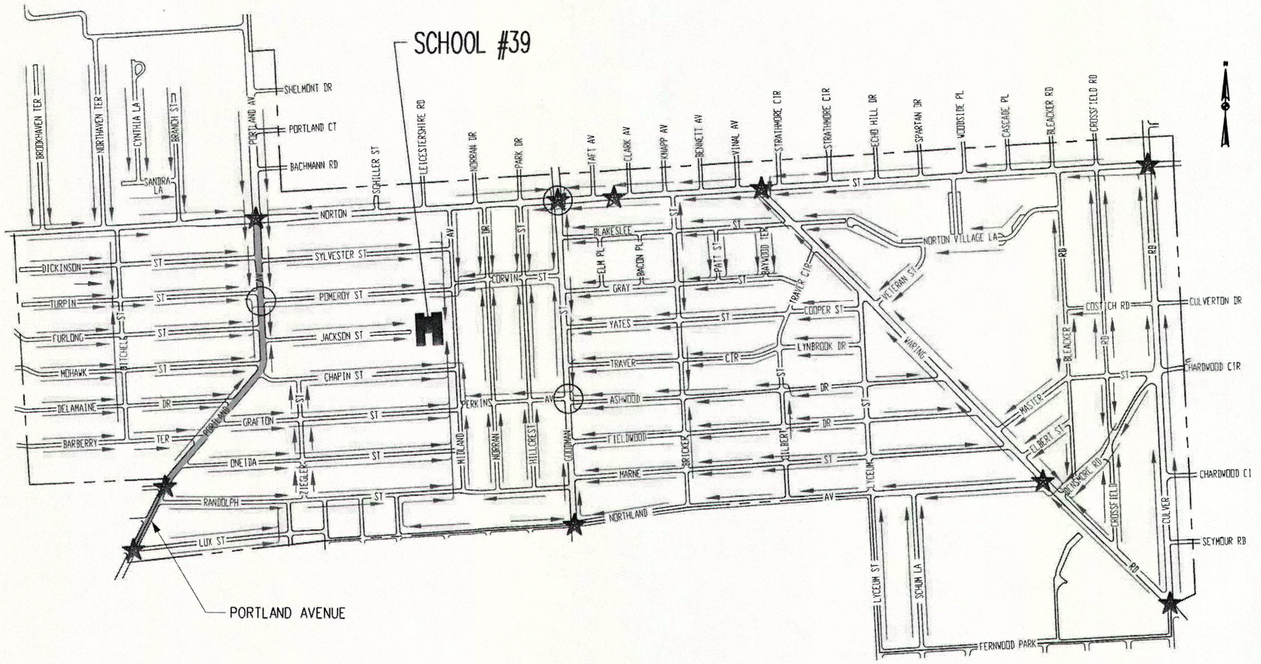


SAFE SCHOOL ROUTE WITHIN PROJECT AREA - SCHOOL #36

NOT TO SCALE



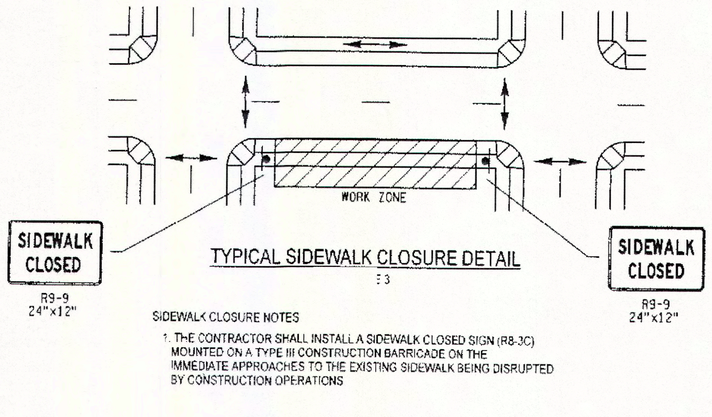
SAFE SCHOOL ROUTE WITHIN PROJECT AREA - SCHOOL #39

NOT TO SCALE

LEGEND

○ - CROSSING GUARD LOCATION

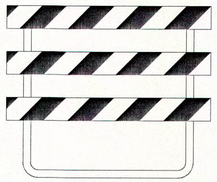
★ - TRAFFIC SIGNAL LOCATION



TYPICAL SIDEWALK CLOSURE DETAIL

SIDEWALK CLOSURE NOTES

1. THE CONTRACTOR SHALL INSTALL A SIDEWALK CLOSED SIGN (R8-3C) MOUNTED ON A TYPE III CONSTRUCTION BARRICADE ON THE IMMEDIATE APPROACHES TO THE EXISTING SIDEWALK BEING DISRUPTED BY CONSTRUCTION OPERATIONS



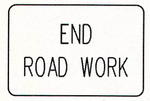
TYPE III PVC CONSTRUCTION BARRICADE (STRIPES ARE TO SLOPE DOWNWARD IN DIRECTION TRAFFIC IS TO PASS)

DRUM

CONE

TRAFFIC CONTROL LEGEND

- SIGN
- BARRICADE (SEE NOTE 8)
- DRUM
- CONE
- FLAGGER
- FLAG TREE
- ✳ USE SIGN ONLY WHEN CONSTRUCTION EXTENDS INTO INTERSECTION
- ✳✳ MOVE SIGNS AND BARRICADES TO SIDE OF ROAD AT END OF WORK DAY



G20-2

W20-1

NOTES:

1. CONTRACTOR IS REQUIRED TO PROVIDE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH PLANS, NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND NYSDOT SUPPLEMENT, NYSDOT WORK ZONE TRAFFIC CONTROL STANDARD SHEETS (US CUSTOMARY) LATEST EDITION, AND CITY OF ROCHESTER SPECIFICATIONS, ALL AS APPROVED BY MONROE COUNTY DIRECTOR OF TRANSPORTATION. REFERENCES TO "REGIONAL DIRECTOR" IN NYSDOT STANDARD SHEETS ARE TO BE INTERPRETATED AS "CITY OF ROCHESTER".
2. ALL SIGNS AS SHOWN ON DRAWING(S) AND AS ORDERED BY PROJECT MANAGER ARE TO BE IN PLACE IMMEDIATELY PRIOR TO COMMENCING WORK.
3. DULY TRAINED FLAGGER(S) ARE TO BE PROVIDED DURING WORKING HOURS TO PROTECT TRAFFIC AT ALL TIMES AND TO PROVIDE ADEQUATE TRAFFIC CONTROL.
4. ONE-WAY AND TWO-WAY TRAFFIC IS TO BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH REQUIREMENTS OF SECTION R619.
5. TO MAINTAIN TRAFFIC IN TWO LANES WHEN CONTRACTOR IS NOT WORKING, ALL OPEN EXCAVATIONS WITHIN ROADWAY ARE TO BE COVERED WITH METAL PLATES, OR OTHERWISE DELINEATED, AS ORDERED BY PROJECT MANAGER.
6. CONTRACTOR IS TO PROVIDE AND MAINTAIN AT ALL TIMES SAFE AND ADEQUATE INGRESS AND EGRESS TO AND FROM ALL INTERSECTING STREETS, BUILDINGS AND DRIVEWAYS. ACCESS MAY BE RESTRICTED DURING WORKING HOURS, AS CONSTRUCTION ACTIVITIES DICTATE.
7. ALL EXISTING TRAFFIC AND PARKING SIGNS ARE TO BE MAINTAINED BY CONTRACTOR THROUGHOUT CONSTRUCTION OF PROJECT. CONTRACTOR IS TO COVER OR REMOVE ONLY THOSE EXISTING TRAFFIC AND PARKING SIGNS WHICH CONFLICT WITH VARIOUS ACCESS AND TRAFFIC RESTRICTIONS THAT WILL BE UTILIZED DURING CONSTRUCTION OF PROJECT. CONTRACTOR MUST CONTACT MCDOT DISPATCHER AT 1-800-753-7750 AT LEAST 5 WORKING DAYS PRIOR TO REMOVING OR RESETTING ANY TRAFFIC AND PARKING REGULATION SIGNS.
8. WHEN ORDERED BY PROJECT MANAGER, BARRICADES ARE TO BE LIGHTED WITH TYPE A LOW INTENSITY FLASHING YELLOW BARRICADE LIGHTS, SPACED 4 FEET CENTER TO CENTER.
9. CONTRACTOR IS TO CLOSELY COORDINATE ALL WORK IMPACTING SCHOOL PEDESTRIAN TRAFFIC AND SCHOOL BUS TRAFFIC WITH PROJECT MANAGER OR SPECIFIED AGENT. SAFE SCHOOL ROUTE MAINTENANCE PLAN MUST BE SUBMITTED AND APPROVED OF PRIOR TO BEGINNING ANY WORK WHICH IMPACTS EXISTING DESIGNATED ROUTE. ANY ADDITIONAL SIGNAGE, FLAGGER(S), OR OTHER REQUIREMENTS REQUIRED BY PROJECT MANAGER WILL BE INCLUDED IN UNIT PRICE BID FOR BASIC MAINTENANCE AND PROTECTION OF TRAFFIC. SAFE SCHOOL ROUTE MAINTENANCE PLAN IS TO STAY IN EFFECT FOR DURATION OF CONSTRUCTION OF PROJECT, UNLESS ORDERED OTHERWISE BY PROJECT MANAGER.
10. 'SAFE SCHOOL ROUTE WITHIN PROJECT AREA' MAP IS FOR INFORMATIONAL PURPOSES ONLY.

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

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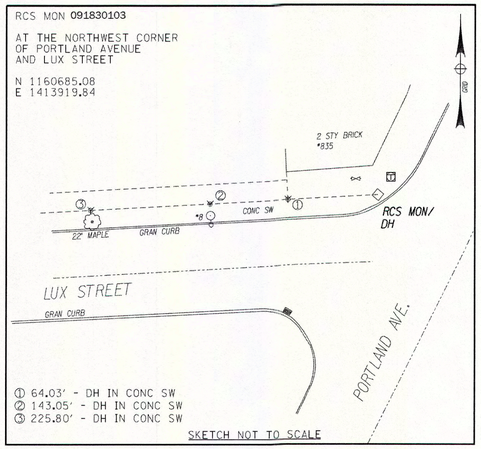
MT-2
SHEET 4 OF 50

WENDEL JOB NUMBER
22134062

RCS MON 091830103

AT THE NORTHWEST CORNER
OF PORTLAND AVENUE
AND LUX STREET

N 1160685.08
E 1413919.84



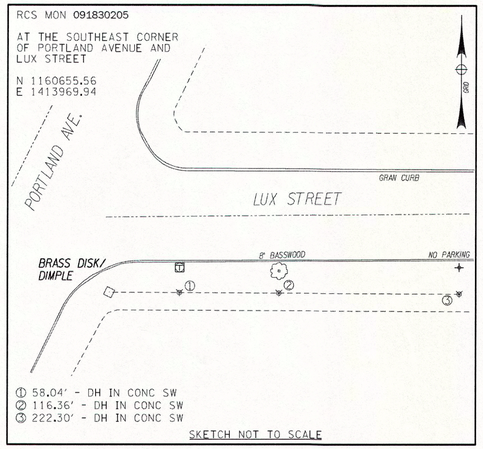
① 64.03' - DH IN CONC SW
② 143.05' - DH IN CONC SW
③ 225.80' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091830205

AT THE SOUTHEAST CORNER
OF PORTLAND AVENUE AND
LUX STREET

N 1160655.56
E 1413969.94



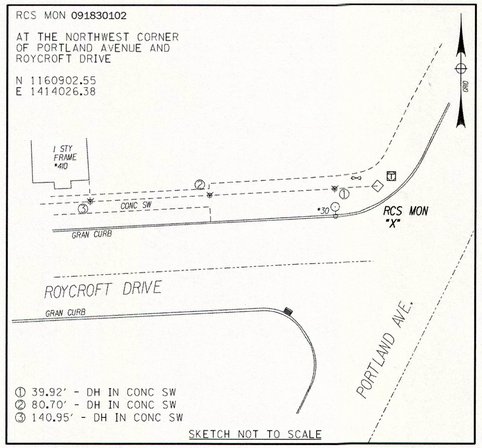
① 58.04' - DH IN CONC SW
② 116.36' - DH IN CONC SW
③ 222.30' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091830102

AT THE NORTHWEST CORNER
OF PORTLAND AVENUE AND
ROYCROFT DRIVE

N 1160902.55
E 1414026.38



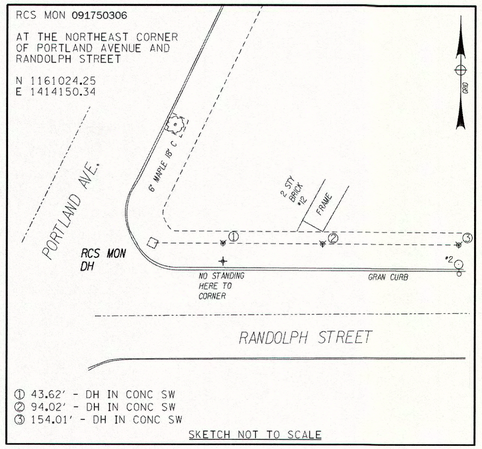
① 39.92' - DH IN CONC SW
② 80.70' - DH IN CONC SW
③ 140.95' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091750306

AT THE NORTHEAST CORNER
OF PORTLAND AVENUE AND
RANDOLPH STREET

N 1161024.25
E 1414150.34



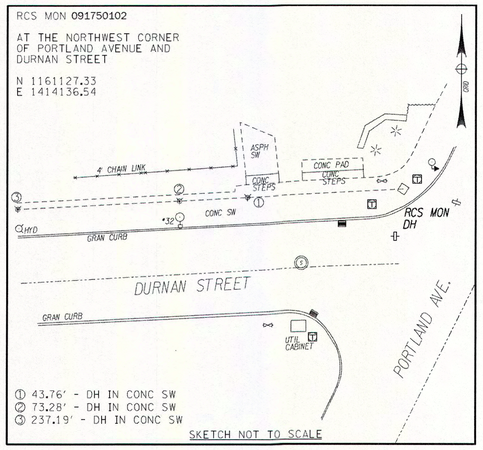
① 43.62' - DH IN CONC SW
② 94.02' - DH IN CONC SW
③ 154.01' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091750102

AT THE NORTHWEST CORNER
OF PORTLAND AVENUE AND
DURNAN STREET

N 1161127.33
E 1414136.54



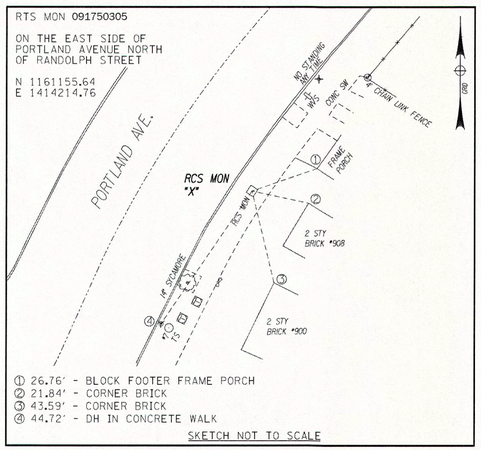
① 43.76' - DH IN CONC SW
② 73.28' - DH IN CONC SW
③ 237.19' - DH IN CONC SW

SKETCH NOT TO SCALE

RTS MON 091750305

ON THE EAST SIDE OF
PORTLAND AVENUE NORTH
OF RANDOLPH STREET

N 1161155.64
E 1414214.76



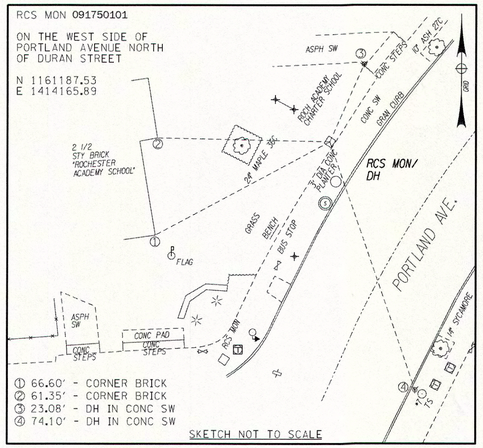
① 26.76' - BLOCK FOOTER FRAME PORCH
② 21.84' - CORNER BRICK
③ 43.59' - CORNER BRICK
④ 44.72' - DH IN CONCRETE WALK

SKETCH NOT TO SCALE

RCS MON 091750101

ON THE WEST SIDE OF
PORTLAND AVENUE NORTH
OF DURAN STREET

N 1161187.53
E 1414165.89



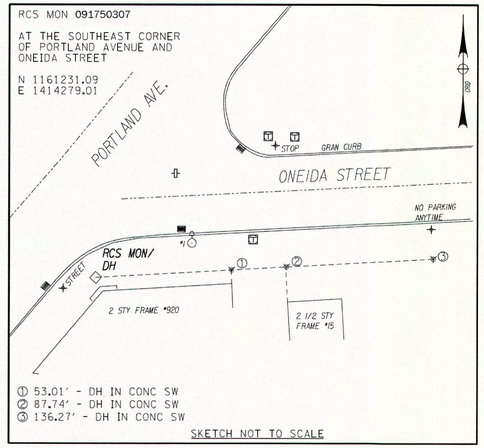
① 66.60' - CORNER BRICK
② 61.35' - CORNER BRICK
③ 23.08' - DH IN CONC SW
④ 74.10' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091750307

AT THE SOUTHEAST CORNER
OF PORTLAND AVENUE AND
ONEIDA STREET

N 1161231.09
E 1414279.01



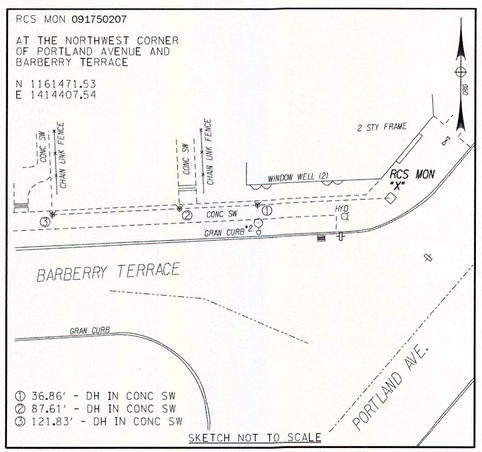
① 53.01' - DH IN CONC SW
② 87.74' - DH IN CONC SW
③ 136.27' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091750207

AT THE NORTHWEST CORNER
OF PORTLAND AVENUE AND
BARBERRY TERRACE

N 1161471.53
E 1414407.54



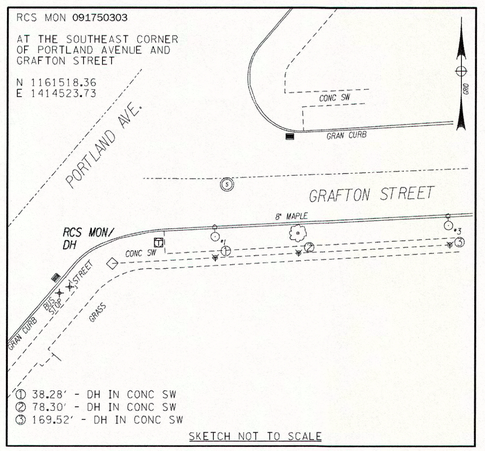
① 36.86' - DH IN CONC SW
② 87.61' - DH IN CONC SW
③ 121.83' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091750303

AT THE SOUTHEAST CORNER
OF PORTLAND AVENUE AND
GRAFTON STREET

N 1161518.36
E 1414523.73



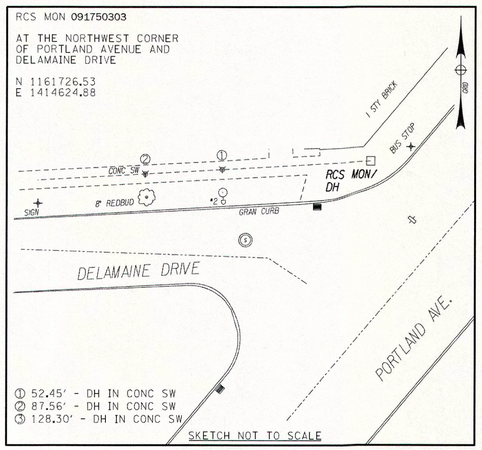
① 38.28' - DH IN CONC SW
② 78.30' - DH IN CONC SW
③ 169.52' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091750303

AT THE NORTHWEST CORNER
OF PORTLAND AVENUE AND
DELAMAINE DRIVE

N 1161726.53
E 1414624.88



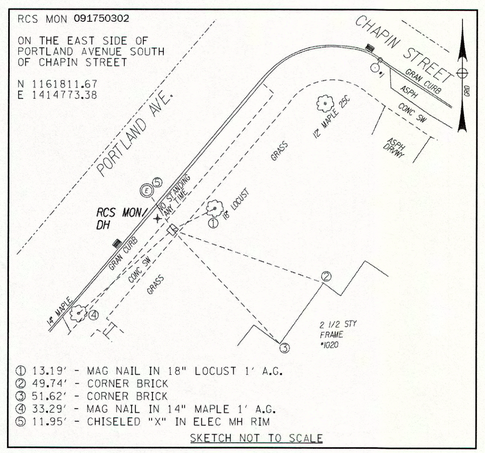
② 52.45' - DH IN CONC SW
③ 87.56' - DH IN CONC SW
④ 128.30' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091750302

ON THE EAST SIDE OF
PORTLAND AVENUE SOUTH
OF CHAPIN STREET

N 1161811.67
E 1414773.38



① 13.19' - MAG NAIL IN 18" LOCUST 1' A.C.
② 49.74' - CORNER BRICK
③ 51.62' - CORNER BRICK
④ 33.29' - MAG NAIL IN 14" MAPLE 1' A.C.
⑤ 11.95' - CHISELED "X" IN ELEC MH RIM

SKETCH NOT TO SCALE

1. COORDINATES SHOWN HEREON ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, WESTERN ZONE, TRANSVERSE MERCATOR PROJECTION, NAD 1983, THROUGH CONTROL TIES TO THE FOLLOWING CITY OF ROCHESTER MAPS AND SURVEY JOB NO. 04-032 AND MONUMENTS PROVIDED BY THE CITY OF ROCHESTER OFFICE OF MAPS AND SURVEYS.

PERIMETER AND TIES TO CONTROL MONUMENTS WERE ACCOMPLISHED USING PROCEDURES NECESSARY TO ACHIEVE AN ACCURACY OF $1/10000$.

MONUMENT	NORTHING	EASTING
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USC&GS MILLER	1158581.1638	1413477.2091
091590201 NW COR PORTLAND/NORTON	1162979.0806	1414746.6388
091670106 NW COR PORTLAND/DICKINSON	1162708.8957	1414762.0932

ok!-(did not print on half size set)

NOTE:
DH = DRILL HOLE WITH $1\frac{1}{4}$" DIAMETER SCRIBE AROUND IT
"X" = CROSS

REV	DESCRIPTION	DATE	BY
7			
6			
5			
4			
3			
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1			

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PROJECT MANAGER
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DRAWN BY
J. HEFNER

SCALE
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ISSUE DATE
NOV. 2013

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PORTLAND AVENUE
REVITALIZATION PROJECT
CITY OF ROCHESTER
MONROE COUNTY, STATE OF NEW YORK

TITLE OF DRAWING
SURVEY DATA

DRAWING NO.
SD-1

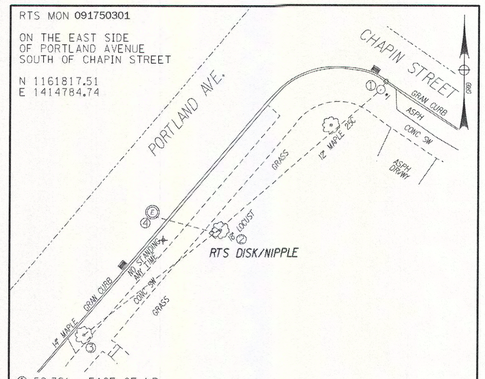
SHEET 5 OF 50

H:\Projects\132029-Portland_Ave\Sur\CADD\Portland Ave Ties.dgn
11/20/2013
12:14:14 PM
MikeM

RTS MON 091750301

ON THE EAST SIDE
OF PORTLAND AVENUE
SOUTH OF CHAPIN STREET

N 1161817.51
E 1414784.74



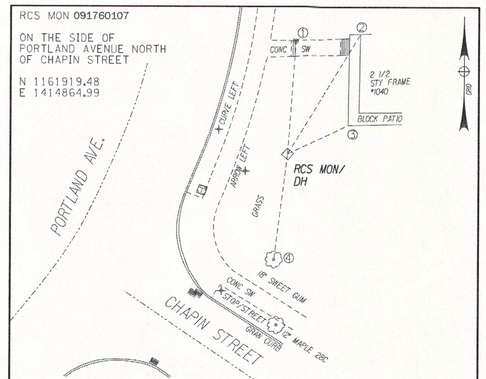
① 59.32' - FACE OF LP
② 0.9' - MAG NAIL IN 18" LOCUST 1' A.G.
③ 45.86' - MAG NAIL IN 12" MAPLE 1' A.G.
④ 13.18' - CHISELED "X" IN ELEC MH RIM

SKETCH NOT TO SCALE

RCS MON 091760107

ON THE SIDE OF
PORTLAND AVENUE NORTH
OF CHAPIN STREET

N 1161919.48
E 1414864.99



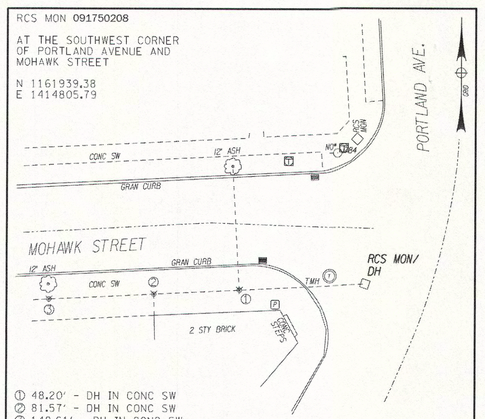
① 31.31' - DH ON TOP STEP
② 49.50' - NW COR FRAME HOUSE
③ 33.53' - SW COR BLOCK PATIO
④ 27.77' - MAG NAIL IN TREE 1' AG

SKETCH NOT TO SCALE

RCS MON 091750208

AT THE SOUTHWEST CORNER
OF PORTLAND AVENUE AND
MOHAWK STREET

N 1161939.38
E 1414805.79



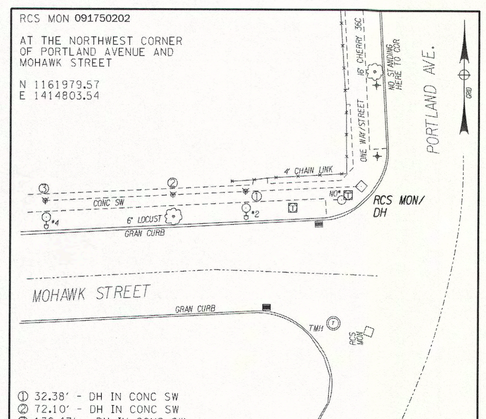
① 48.20' - DH IN CONC SW
② 81.57' - DH IN CONC SW
③ 148.61' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091750202

AT THE NORTHWEST CORNER
OF PORTLAND AVENUE AND
MOHAWK STREET

N 1161979.57
E 1414803.54



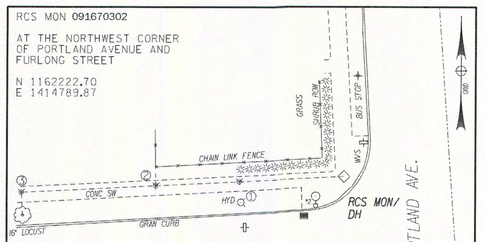
① 32.38' - DH IN CONC SW
② 72.10' - DH IN CONC SW
③ 139.47' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091670302

AT THE NORTHWEST CORNER
OF PORTLAND AVENUE AND
FURLONG STREET

N 1162222.70
E 1414789.87



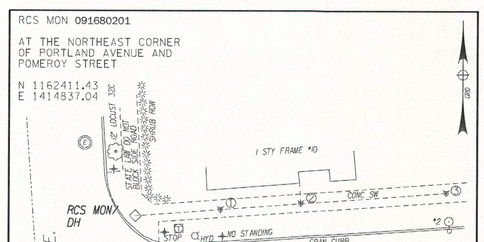
① 28.42' - DH IN CONC SW
② 84.57' - DH IN CONC SW
③ 128.72' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091680201

AT THE NORTHEAST CORNER
OF PORTLAND AVENUE AND
POMEROY STREET

N 1162411.43
E 1414837.04



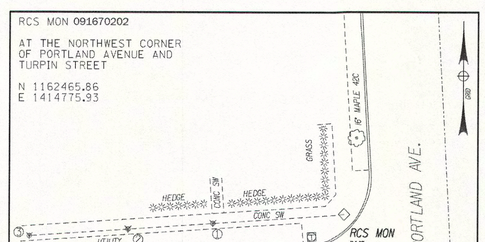
① 39.36' - DH IN CONC SW
② 68.52' - DH IN CONC SW
③ 138.55' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091670202

AT THE NORTHWEST CORNER
OF PORTLAND AVENUE AND
TURPIN STREET

N 1162465.86
E 1414775.93



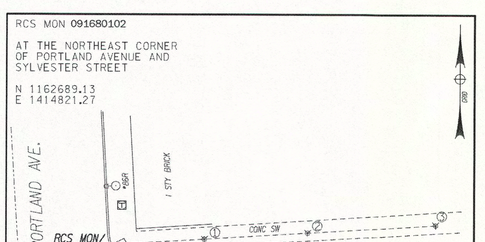
① 51.34' - DH IN CONC SW
② 97.61' - DH IN CONC SW
③ 133.32' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091680102

AT THE NORTHEAST CORNER
OF PORTLAND AVENUE AND
SYLVESTER STREET

N 1162689.13
E 1414821.27



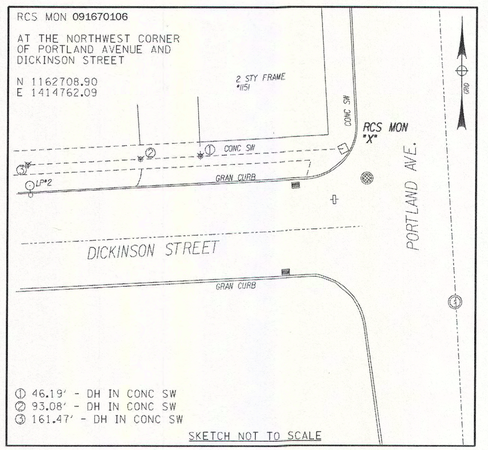
① 49.21' - DH IN CONC SW
② 65.99' - DH IN CONC SW
③ 105.57' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091670106

AT THE NORTHWEST CORNER
OF PORTLAND AVENUE AND
DICKINSON STREET

N 1162708.90
E 1414762.09



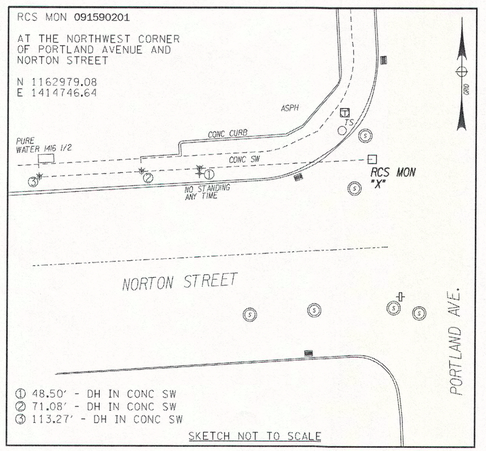
① 46.19' - DH IN CONC SW
② 93.08' - DH IN CONC SW
③ 161.47' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091590201

AT THE NORTHWEST CORNER
OF PORTLAND AVENUE AND
NORTON STREET

N 1162979.08
E 1414746.64



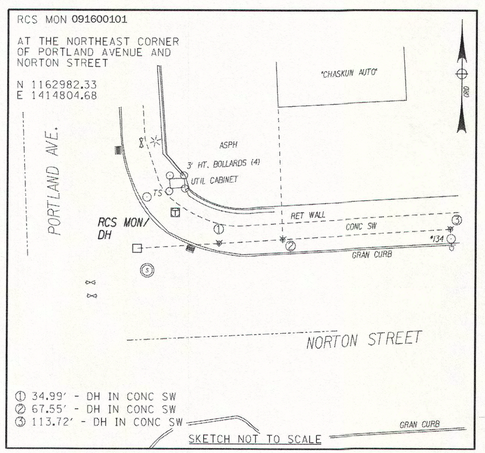
① 48.50' - DH IN CONC SW
② 71.08' - DH IN CONC SW
③ 113.27' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON 091600101

AT THE NORTHEAST CORNER
OF PORTLAND AVENUE AND
NORTON STREET

N 1162982.33
E 1414804.68



① 34.99' - DH IN CONC SW
② 67.55' - DH IN CONC SW
③ 113.72' - DH IN CONC SW

SKETCH NOT TO SCALE

1. COORDINATES SHOWN HEREON ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, WESTERN ZONE, TRANSVERSE MERCATOR PROJECTION, NAD 1983, THROUGH CONTROL TIES TO THE FOLLOWING CITY OF ROCHESTER MAPS AND SURVEY JOB NO. 04-032 AND MONUMENTS PROVIDED BY THE CITY OF ROCHESTER OFFICE OF MAPS AND SURVEYS.

PERIMETER AND TIES TO CONTROL MONUMENTS WERE ACCOMPLISHED USING PROCEDURES NECESSARY TO ACHIEVE AN ACCURACY OF $1/10000$.

MONUMENT	NORTHING	EASTING
USC&GS LINCOLN	1158542.2039	1412233.0121
USC&GS MILLER	1158581.1638	1413477.2091
091590201 NW COR PORTLAND/NORTON	1162979.0806	1414746.6388
091670106 NW COR PORTLAND/DICKINSON	1162708.8957	1414762.0932

NOTE:
DH = DRILL HOLE WITH $1\frac{1}{4}$" DIAMETER SCRIBE AROUND IT
"X" = CROSS

REV	DESCRIPTION	DATE	BY
1			
2			
3			
4			
5			
6			
7			

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FA PROJECT NO.
13229

PROJECT MANAGER
S. SMITH

DRAWN BY
J. HEFNER

SCALE
NONE

ISSUE DATE
NOV. 2013

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PROJECT
PORTLAND AVENUE
REVITALIZATION PROJECT
CITY OF ROCHESTER
MONROE COUNTY, STATE OF NEW YORK

TITLE OF DRAWING
SURVEY DATA

DRAWING NO.
SD-2

SHEET 6 OF 50

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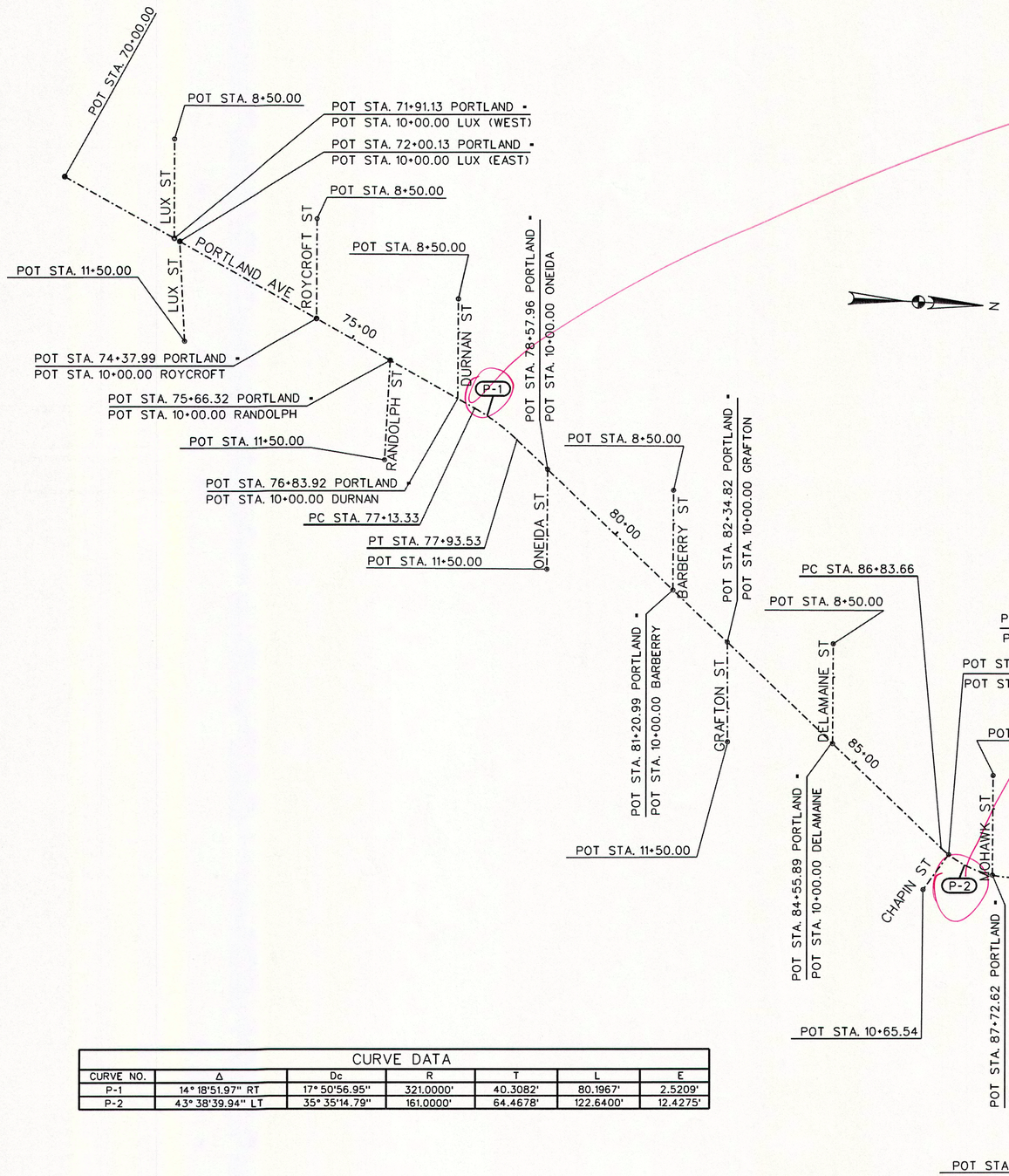
11/20/2013
12:38:01 PM
MikeM



BASELINE CONTROL COORDINATES

LOCATION	STATION	NORTH	EAST	REMARKS
PORTLAND	POT 70+00.00	1,160,494.5913	1,413,858.8571	
	PC 77+13.33	1,161,135.2440	1,414,172.5509	
	PI ~~PORTLAND 1~~ P-1 77+53.64	1,161,171.4454	1,414,190.2769	
	PT 77+93.53	1,161,202.1403	1,414,216.4031	
	PC 86+83.66	1,161,879.9818	1,414,793.3524	
	PI ~~PORTLAND 2~~ P-2 87+48.13	1,161,929.0743	1,414,835.1378	
	PT 88+06.30	1,161,993.4390	1,414,831.4926	
	POT 99+00.00	1,163,085.3880	1,414,769.6510	
LUX	POT 8+50.00	1,160,657.3849	1,413,792.9484	
	POT 10+00.00	1,160,665.8525	1,413,942.7098	
	POT 10+00.00	1,160,674.3356	1,413,946.8684	
	POT 11+50.00	1,160,690.2131	1,414,096.0257	
ROYCROFT	POT 10+00.00	1,160,887.9542	1,414,051.4662	
	POT 8+50.00	1,160,880.2264	1,413,901.6654	
RANDOLPH	POT 10+00.00	1,161,003.2126	1,414,107.9021	
	POT 11+50.00	1,161,003.3902	1,414,257.9020	
DURNAN	POT 10+00.00	1,161,108.8289	1,414,159.6168	
	POT 8+50.00	1,161,101.1011	1,414,009.8160	
ONEIDA	POT 10+00.00	1,161,251.2099	1,414,258.1690	
	POT 11+50.00	1,161,258.6530	1,414,407.9842	
BARBERRY	POT 10+00.00	1,161,451.5055	1,414,428.6519	
	POT 8+50.00	1,161,443.7864	1,414,278.8506	
GRAFTON	POT 10+00.00	1,161,538.1857	1,414,502.4304	
	POT 11+50.00	1,161,547.1029	1,414,652.1651	
DELAMAINE	POT 10+00.00	1,161,706.5310	1,414,645.7186	
	POT 8+50.00	1,161,698.8119	1,414,495.9173	
CHAPIN	POT 10+00.00	1,161,891.8616	1,414,802.5438	
	POT 10+65.54	1,161,856.1356	1,414,857.4909	
MOHAWK	POT 10+00.00	1,161,959.8609	1,414,829.8790	
	POT 8+50.00	1,161,952.1418	1,414,680.0778	
JACKSON	POT 10+00.00	1,162,114.2582	1,414,824.6501	
	POT 11+50.00	1,162,123.1754	1,414,974.3848	
FURLONG	POT 10+00.00	1,162,203.1722	1,414,819.6145	
	POT 8+50.00	1,162,195.4531	1,414,669.8133	
POMEROY	POT 10+00.00	1,162,388.7887	1,414,809.1023	
	POT 11+50.00	1,162,397.7058	1,414,958.8370	
TURPIN	POT 10+00.00	1,162,446.3030	1,414,805.8450	
	POT 8+50.00	1,162,438.5839	1,414,656.0437	
SYLVESTER	POT 10+00.00	1,162,666.7225	1,414,793.3617	
	POT 11+50.00	1,162,675.2315	1,414,943.1196	
DICKINSON	POT 10+00.00	1,162,689.4337	1,414,792.0755	
	POT 8+50.00	1,162,681.7146	1,414,642.2742	
NORTON	POT 8+50.00	1,162,947.0707	1,414,627.2447	
	POT 11+50.00	1,162,963.8106	1,414,926.7761	

CURVE DATA

CURVE NO.	Δ	Dc	R	T	L	E
P-1	14° 18'51.97" RT	17° 50'56.95"	321.0000'	40.3082'	80.1967'	2.5209'
P-2	43° 38'39.94" LT	35° 35'14.79"	161.0000'	64.4678'	122.6400'	12.4275'

DATE: JUNE 2015
SCALE: 1"=100'
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

GEOMETRY DATA

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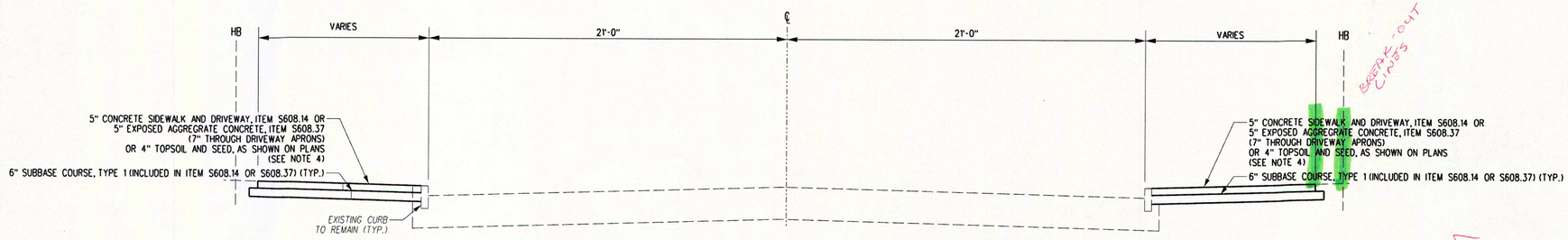
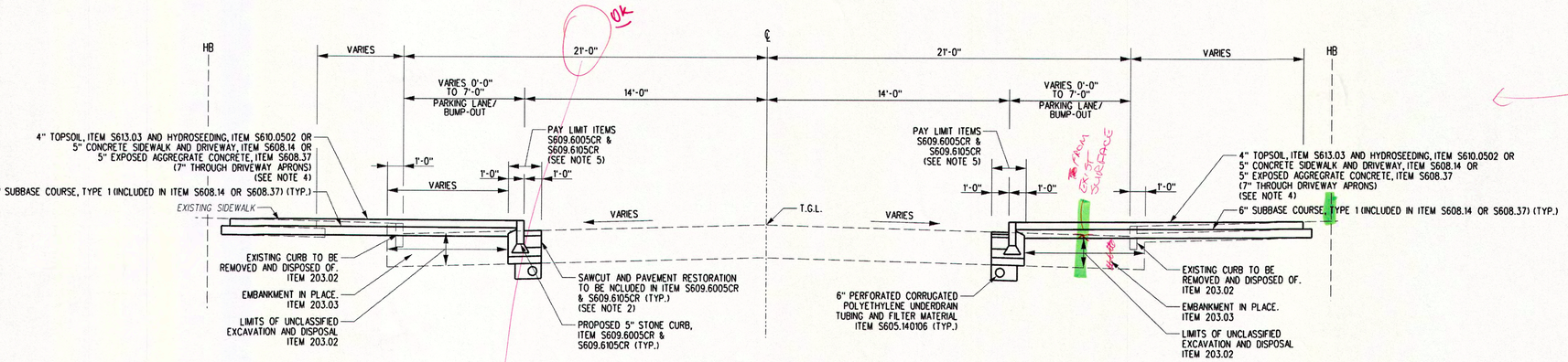
GS-1
SHEET 7 OF 50
WENDEL JOB NUMBER
22134062



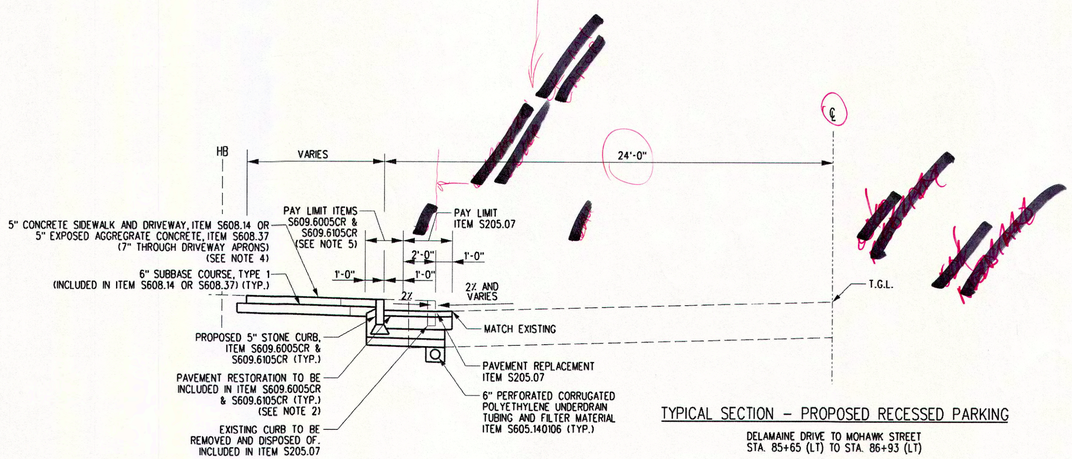
TYPICAL SECTION – PROPOSED

LUX STREET TO NORTON STREET
STA. 70+95 TO STA. 76+75
STA. 88+10 TO STA. 89+60
STA. 93+30 TO STA. 98+50



TYPICAL SECTION – PROPOSED

DURNAN STREET TO DELAMAINE DRIVE
STA. 76+75 TO STA. 85+65
REFER TO PL-2 TO PL-3 FOR
CURB BUMP-OUT LOCATIONS



TYPICAL SECTION – PROPOSED RECESSED PARKING

DELAMAINE DRIVE TO MOHAWK STREET
STA. 85+65 (LT) TO STA. 86+93 (LT)

ITEM NO.	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
203.03	EMBANKMENT IN PLACE	CY
S205.07	PAVEMENT REPLACEMENT - ASPHALT BASE (8 INCH)	SY
304.02	SUBBASE COURSE, TYPE 1	CY
605.1401067	6" PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING	LF
S608.14	CONCRETE SIDEWALK AND DRIVEWAY (INCLUDING EXCAVATION AND SUBBASE COURSE)	CY
S608.37	EXPOSED AGGREGATE CONCRETE (INCLUDING EXCAVATION AND SUBBASE COURSE)	CY
[redacted]	[redacted]	CY
S609.6005CR	5" STONE CURB (CR CURB) (INCLUDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION)	LF
S609.6105CR	5" RADIUS STONE CURB (CR CURB) (INCLUDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION)	LF
S609.7205CR	5" TRANSITION AND HEADER STONE CURB FOR DRIVEWAY (CR CURB) (INCLUDING ROUNDING) (INCLUDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION)	LF
S610.0502	HYDROSEEDING	SY
S613.03	TOPSOIL	CY

NOTES:

1. NEW CURB REVEAL TO BE BETWEEN 6" AND 7¼". A.O.B.E.
2. (UNLESS OTHERWISE NOTED)
3. REFER TO STONE CURB REPLACEMENT – ASPHALT BASE ON CD-13 FOR ASPHALT PAVEMENT RESTORATION.
4. REFER TO PL-1 TO PL-6 FOR LOCATIONS OF CURB REPLACEMENT.
5. REFER TO PL-1 TO PL-6 FOR LOCATIONS AND TYPE OF SURFACE TREATMENT.
6. DOES NOT INCLUDE LIMITS OF NEW CONCRETE AND SUBBASE FOR PROPOSED SIDEWALK OR PROPOSED TOPSOIL AND HYDROSEED.
7. WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK.

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

TYPICAL SECTION

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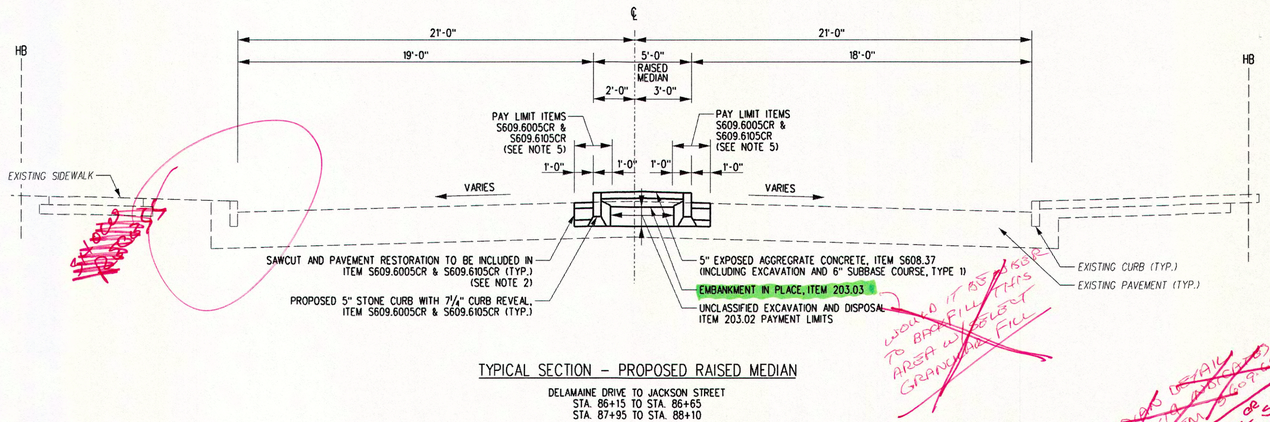
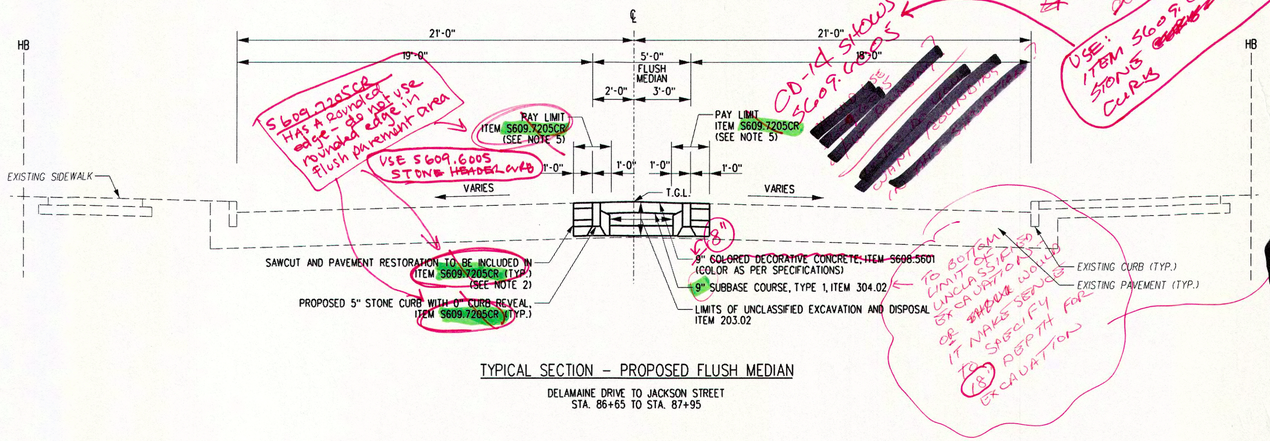
DRAWING NO.
TS-1
SHEET 8 OF 50
WENDEL JOB NUMBER
22134062



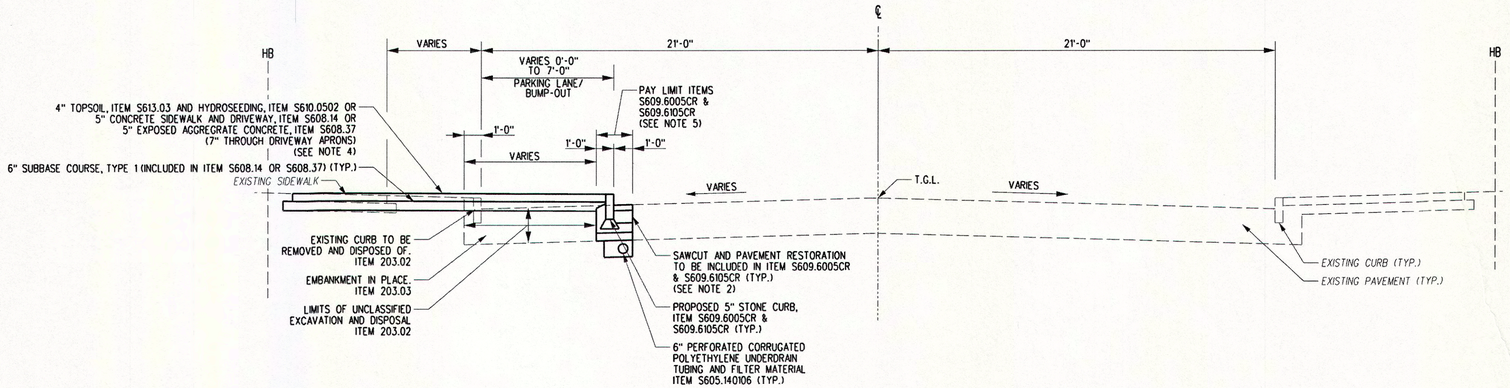
TYPICAL SECTION – PROPOSED RAISED MEDIAN

DELAMAINE DRIVE TO JACKSON STREET
STA. 86+15 TO STA. 86+65
STA. 87+95 TO STA. 88+10



TYPICAL SECTION – PROPOSED FLUSH MEDIAN

DELAMAINE DRIVE TO JACKSON STREET
STA. 86+65 TO STA. 87+95



TYPICAL SECTION – PROPOSED

JACKSON STREET TO NORTON STREET
STA. 89+60 TO STA. 93+30
REFER TO PL-4 TO PL-6 FOR
CURB BUMP-OUT LOCATIONS

ITEM NO.	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
203.03	EMBANKMENT IN PLACE	CY
S205.07	PAVEMENT REPLACEMENT – ASPHALT BASE (8 INCH)	SY
304.02	SUBBASE COURSE, TYPE 1	CY
S605.140106	6" PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING	LF
S608.14	CONCRETE SIDEWALK AND DRIVEWAY (INCLUDING EXCAVATION AND SUBBASE COURSE)	CY
S608.37	EXPOSED AGGREGATE CONCRETE (INCLUDING EXCAVATION AND SUBBASE COURSE)	CY
[redacted]	SPEC CURB 6" CONC. IN RDWY	CY
S609.6005CR	5" STONE CURB (CR CURB) (INCLUDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION	LF
S609.6105CR	5" RADIUS STONE CURB (CR CURB) (INCLUDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION)	LF
S609.7205CR	5" TRANSITION AND HEADER STOND CURB FOR DRIVEWAY (CR CURB) (INCLUDING ROUNDING) (INCLUDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION)	LF
S610.0502	HYDROSEEDING	SY
S613.03	TOPSOIL	CY

NOTES:

1. NEW CURB REVEAL TO BE BETWEEN 6" AND 7¼", A.O.B.E. (UNLESS OTHERWISE NOTED)
2. REFER TO STONE CURB REPLACEMENT – ASPHALT BASE ON CD-13 FOR ASPHALT PAVEMENT RESTORATION.
3. REFER TO PL-1 TO PL-6 FOR LOCATIONS OF CURB REPLACEMENT.
4. REFER TO PL-1 TO PL-6 FOR LOCATIONS AND TYPE OF SURFACE TREATMENT.
5. DOES NOT INCLUDE LIMITS OF NEW CONCRETE AND SUBBASE FOR PROPOSED SIDEWALK OR PROPOSED TOPSOIL AND HYDROSEED.
6. WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK.

REVISIONS

NO	DATE	DESCRIPTION	BY

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

TYPICAL SECTION

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SHEET 9 OF 50
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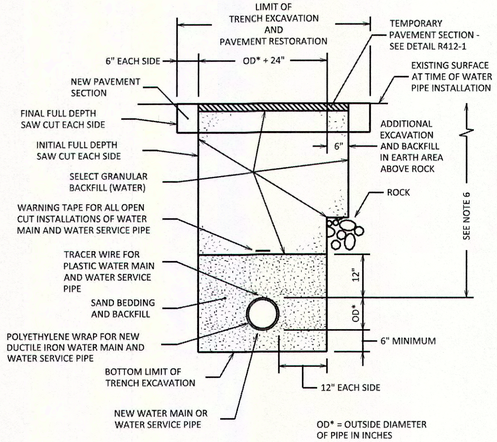


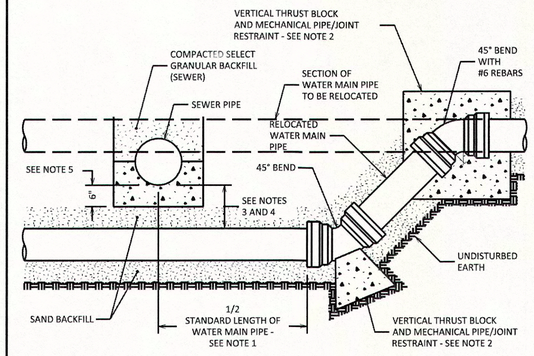
NOTES:

1. LIMITS SHOWN ARE MAXIMUM ALLOWED AND MINIMUM REQUIRED FOR EXCAVATION AND BACKFILL.
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 ROCK.
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 WATER 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

ISSUED	1-13-06	NON-STANDARD
REVISED	11-22-10	DWG.NO.S900-2



NOTES:

1. ONE STANDARD FULL LENGTH OF WATER MAIN PIPE IS TO BE CENTERED ON SEWER PIPE SO THAT BOTH JOINTS OF WATER MAIN PIPE WILL BE AS FAR FROM SEWER PIPE AS POSSIBLE.
2. THRUST BLOCKS AND PIPE/JOINT RESTRAINTS ARE TO BE PROVIDED AT ALL BENDS, SEE DETAILS S900-5, S900-7, S900-8 AND S900-10.
3. WHERE WATER MAIN PIPE PASSES UNDER SEWER PIPE THERE IS TO BE MINIMUM 18 INCHES OF VERTICAL SEPARATION BETWEEN WATER MAIN PIPE AND SEWER PIPE.
4. WHERE VERTICAL SEPARATION IS LESS THAN 18 INCHES, WATER MAIN PIPE JOINTS LOCATED WITHIN 18 FEET OF BOTH SIDES OF SEWER PIPE MUST BE ENCASED WITHIN CONTROLLED DENSITY FILL MATERIAL, OR SEWER PIPE CONSTRUCTED WITH WATER MAIN STANDARD PIPE AND TESTED TO 150 PSI.
5. 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 SEWER PIPE.

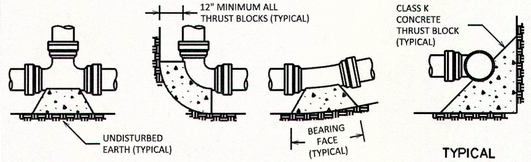
CITY OF ROCHESTER

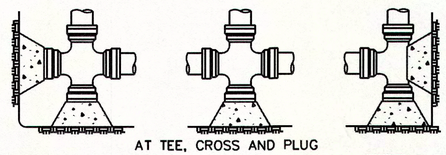
WATER MAIN CROSSING BELOW SEWER PIPE

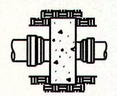
ISSUED	1-13-06	NON-STANDARD
REVISED	11-22-10	DWG.NO.S900-3

AREA OF BEARING FACE OF THRUST BLOCK IN SQUARE FEET
(AREA BASED ON INTERNAL PRESSURE OF 150 PSIG AND SOIL BEARING PRESSURE OF 2000 PSF) (SEE NOTE 1)

PIPE SIZE	BEND				TEE PLUG	REDUCER	
	90°	45°	22-1/2°	11-1/4°		SIZE	AREA
4" - 6"	4	2.5	1.5	1	3	6" x 4"	2
8"	7	4	2	1	5	8" x 6"	2.5
12"	14.5	8	4	2	10.5	12" x 8"	5.5







NOTES:

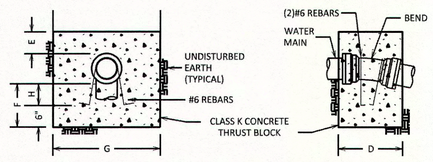
1. SPECIAL DESIGN IS REQUIRED FOR FITTINGS ON DOMESTIC WATER MAIN PIPE LARGER THAN 12 INCHES.
2. THRUST BLOCK IS TO BE POURED AGAINST UNDISTURBED EARTH. WIDTH OF THRUST BLOCK SHOULD BE APPROXIMATELY TWICE HEIGHT.
3. THRUST BLOCK IS TO BE INSTALLED AT ALL BENDS, PLUGS, TEES, AND TAPPING SLEEVE AND VALVE CONNECTIONS.
4. FACTORY CAST OFFSETS ARE TO BE TREATED AS (2) 45 DEGREE BENDS.
5. FOR REDUCERS, THRUST BLOCK IS TO BE KEYED INTO WALLS AND BOTTOM OF TRENCH.
6. MECHANICAL RESTRAINT IS REQUIRED IN ADDITION TO THRUST BLOCK, SEE DETAIL S900-7.
7. WOOD BLOCKING IS NOT PERMITTED.

CITY OF ROCHESTER

HORIZONTAL THRUST BLOCK DOMESTIC SYSTEM

ISSUED	1-13-06	NON-STANDARD
REVISED	8-7-13	DWG.NO.S900-4

PIPE SIZE (INCHES)	BEND	TOP SECTION MINIMUM VOLUME CONCRETE	MINIMUM DIMENSIONS (IN FEET)						
			A	B	C	D	E	F	G	H
6"	11-1/4°	0.25 CY	1.0	2.5	1.0	1.5	0.5	1.0	2.5	0.5
	22-1/2°	0.50 CY	1.0	2.5	1.0	1.5	1.0	2.0	2.5	1.5
	45°	0.95 CY	1.0	2.5	1.0	3.0	1.5	2.0	2.5	1.5
	90°	1.30 CY	1.0	2.5	2.0	3.5	1.5	2.0	2.5	1.5
8"	11-1/4°	0.45 CY	1.0	2.7	1.0	1.5	1.0	1.5	2.7	1.0
	22-1/2°	0.90 CY	1.0	2.7	1.0	2.5	1.0	2.0	2.7	1.5
	45°	1.65 CY	1.0	2.7	1.5	3.5	1.5	2.0	3.0	1.5
	90°	2.35 CY	1.5	2.7	3.0	4.0	2.0	3.0	3.0	2.5
12"	11-1/4°	1.05 CY	1.0	3.0	1.5	2.5	1.5	2.0	3.0	1.5
	22-1/2°	2.00 CY	1.0	3.0	1.5	4.0	2.0	2.0	3.0	1.5
	45°	3.70 CY	1.5	3.0	3.0	5.0	2.0	3.0	3.5	2.5
	90°	5.20 CY	1.5	3.0	5.0	5.5	2.5	3.5	4.0	3.0



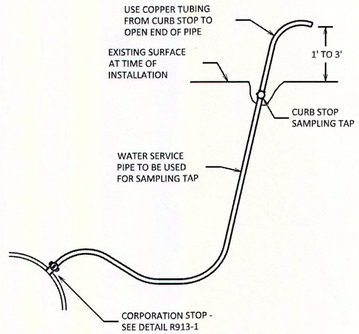
NOTES:

1. SPECIAL DESIGN IS REQUIRED FOR FITTINGS ON DOMESTIC WATER MAIN PIPE LARGER THAN 12 INCHES.
2. MECHANICAL RESTRAINT IS REQUIRED IN ADDITION TO THRUST BLOCK, SEE DETAIL S900-7.

CITY OF ROCHESTER

VERTICAL THRUST BLOCK DOMESTIC SYSTEM

ISSUED	1-13-06	NON-STANDARD
REVISED	6-1-09	DWG.NO.S900-5



NOTES:

1. LOCATION OF SAMPLING TAPS ARE SUBJECT TO PRIOR APPROVAL BY CITY AND MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH.
2. IF SAMPLING TAP IS LOCATED IN PAVED AREA, SAMPLING TAP IS TO BE KEPT BELOW GROUND EXCEPT WHEN IN USE.
3. IF APPROVED BY CITY, SAMPLING TAP MAY BE LOCATED AT SAME LOCATION AS NEW WATER SERVICE.
4. IF SAMPLING TAP IS NOT TO BE USED AS NEW WATER SERVICE, UPON NOTIFICATION OF ACCEPTABLE SAMPLE RESULTS, CORPORATION STOP IS TO BE REMOVED AND REPLACED WITH A BRASS PLUG OR CORPORATION STOP IS TO BE CLOSED, WATER SERVICE PIPE DISCONNECTED FROM CORPORATION AND BRASS CAP INSTALLED ON OUTLET OF CORPORATION STOP.
5. MAXIMUM DISTANCE BETWEEN SAMPLING TAPS ON NEW WATER MAIN INSTALLATION IS 1,000 FEET.

CITY OF ROCHESTER

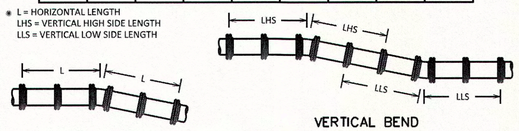
DISINFECTION SAMPLING TAP

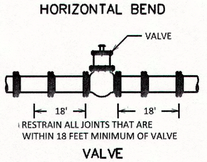
ISSUED	1-13-06	NON-STANDARD
REVISED	2-19-15	DWG.NO.S900-6

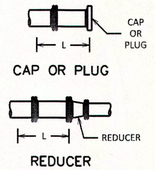
MINIMUM RESTRAINED LENGTH FOR WATER MAIN PIPE ADJACENT TO FITTINGS
(IN FEET) (BASED ON INTERNAL PRESSURE OF 150 PSI) (SEE NOTE 1)

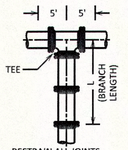
PIPE SIZE (INCHES)	MINIMUM LENGTH *	90°	45°	22-1/2°	11-1/4°	REDUCER	TEE	CAP PLUG
4" - 6"	L	16	7	3	2	29	16	56
	LHS	49	24	12	6	---	---	---
	LLS	16	6	3	2	---	---	---
8"	L	20	9	4	2	31	33	74
	LHS	64	31	15	8	---	---	---
	LLS	20	8	4	2	---	---	---
12"	L	28	12	6	3	56	64	105
	LHS	91	44	21	11	---	---	---
	LLS	28	11	5	3	---	---	---

* L = HORIZONTAL LENGTH
LHS = VERTICAL HIGH SIDE LENGTH
LLS = VERTICAL LOW SIDE LENGTH









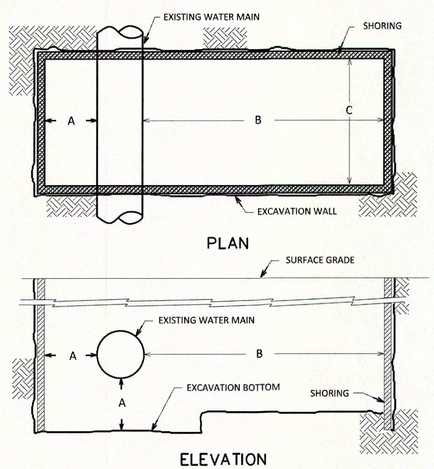
NOTES:

1. SPECIAL DESIGN IS REQUIRED FOR FITTINGS ON DOMESTIC WATER MAIN PIPE LARGER THAN 12 INCHES AND FOR REDUCERS HAVING MORE THAN ONE PIPE SIZE DIFFERENCE.
2. CONCRETE THRUST BLOCK IS TO BE USED IN ADDITION TO MECHANICAL RESTRAINT DEVICES, SEE DETAILS S900-4 AND S900-5.
3. ALL PLASTIC AND POLYETHYLENE WRAPPED DUCTILE IRON DOMESTIC WATER MAIN PIPE AND FITTING JOINTS WITHIN L-LHS-LLS DIMENSIONS MUST BE RESTRAINED USING APPROVED MECHANICAL RESTRAINT DEVICE.
4. ASSUMPTION: SP SOILS, 4.50 FEET COVER, AND TYPE 4 LAYING CONDITION.

CITY OF ROCHESTER

WATER MAIN PIPE RESTRAINT DOMESTIC SYSTEM

ISSUED	5-8-08	NON-STANDARD
REVISED	9-1-09	DWG.NO.S900-7



NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL EXCAVATIONS ARE ADEQUATELY PROTECTED IN ACCORDANCE WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
2. 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.
3. 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.

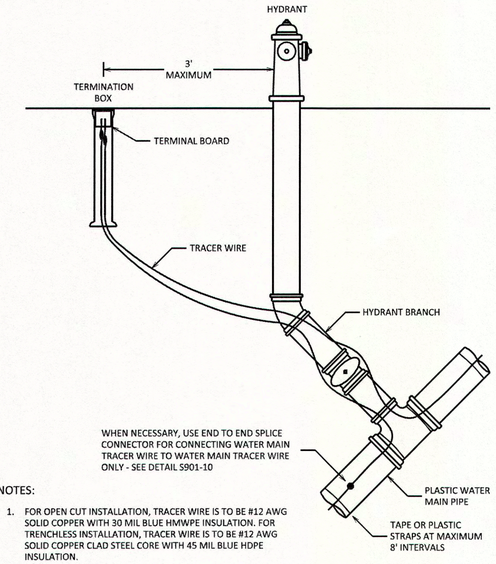
MINIMUM CLEARANCE DIMENSIONS

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

CITY OF ROCHESTER

WATER SERVICE TAP EXCAVATION

ISSUED	4-29-11	NON-STANDARD
REVISED		DWG.NO.S900-12



NOTES:

1. FOR OPEN CUT INSTALLATION, TRACER WIRE IS TO BE #12 AWG SOLID COPPER WITH 30 MIL BLUE HMWPE INSULATION. FOR TRENCHLESS INSTALLATION, TRACER WIRE IS TO BE #12 AWG SOLID COPPER CLAD STEEL CORE WITH 45 MIL BLUE HDPE INSULATION.
2. FOR PLASTIC WATER MAIN PIPE, TRACER WIRE IS TO RUN ALONG TOP OF AND BE SECURED TO WATER MAIN PIPE WITH PLASTIC STRAPS OR TAPE PLACED AT MAXIMUM 8 FEET INTERVALS. AT WATER VALVE, TRACER WIRE IS TO RUN ALONG SIDE OF PLASTIC WATER MAIN PIPE.
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 3 FEET OF TRACER WIRE COILED UP INSIDE TOP OF TERMINATION BOX. CONNECT END OF TRACER WIRE TO TERMINAL BOARD.

CITY OF ROCHESTER

PLASTIC WATER MAIN TRACER WIRE INSTALLATION

ISSUED	1-13-06	NON-STANDARD
REVISED	6-1-09	DWG.NO.S901-8

REVISIONS

NO.	DATE	DESCRIPTION	BY

DATE: JUNE 2015
SCALE: AS NOTED
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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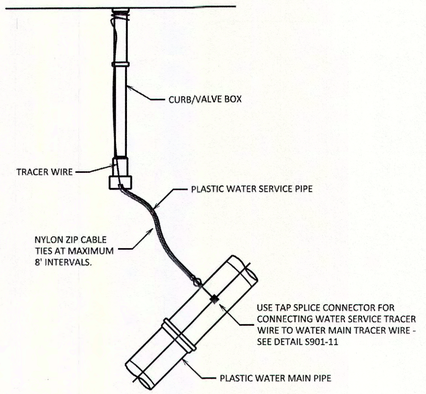
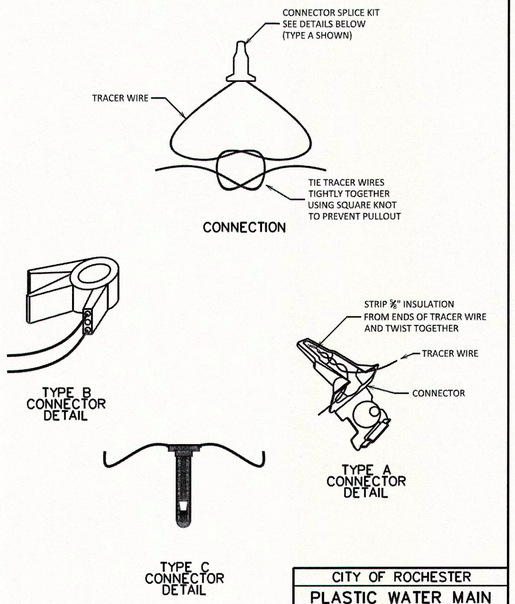


NOTES:

1. FOR OPEN CUT INSTALLATION, TRACER WIRE IS TO BE #12 AWG SOLID COPPER WITH 30 MIL BLUE HMWPE INSULATION. FOR TRENCHLESS INSTALLATION, TRACER WIRE IS TO BE #12 AWG SOLID COPPER CLAD STEEL CORE WITH 45 MIL BLUE HDPE INSULATION.
2. FOR NEW PLASTIC WATER SERVICE PIPE CONNECTED TO PLASTIC WATER MAIN PIPE, WATER SERVICE TRACER WIRE IS TO BE SPLICED TO WATER MAIN TRACER WIRE AND EXTENDED UP TO TOP OF CURB/VALVE BOX. WATER SERVICE TRACER WIRE IS TO RUN ALONG TOP OF AND BE SECURED TO PLASTIC WATER SERVICE PIPE WITH NYLON ZIP CABLE TIES PLACED AT MAXIMUM 8 FEET INTERVALS.
3. FOR CURB/VALVE BOX IN LAWN AREA, EXTEND WATER SERVICE TRACER WIRE UP OUTSIDE OF CURB/VALVE BOX WINDING END 3 TIMES AROUND AND APPROXIMATELY 1 INCH BELOW TOP OF CURB/VALVE BOX. FOR CURB/VALVE BOX IN PAVED AREA, EXTEND WATER SERVICE TRACER WIRE UP INSIDE OF CURB/VALVE BOX LEAVING MINIMUM OF 3 FEET OF WATER SERVICE TRACER WIRE COILED UP INSIDE TOP OF CURB/VALVE BOX.
4. FOR NEW PLASTIC WATER SERVICE PIPE CONNECTED TO CAST/DUCTILE IRON WATER MAIN PIPE, WATER SERVICE TRACER WIRE IS TO BE CONNECTED TO CORPORATION STOP WITH BRASS THAW WIRE NUT COMPRESSION ASSEMBLY WITH SET SCREW.

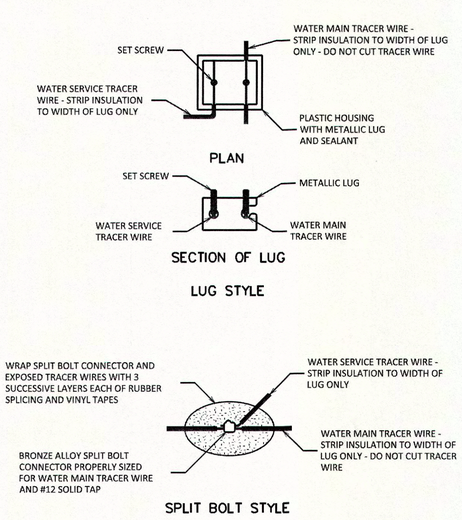
CITY OF ROCHESTER	
PLASTIC WATER SERVICE TRACER WIRE INSTALLATION	
ISSUED 1-13-06	NON-STANDARD
REVISED 2-19-15	DWG.NO.S901-9



NOTE:

END TO END SPLICE CONNECTION IS TO BE USED ONLY FOR SPLICING TWO ENDS OF WATER MAIN TRACER WIRE TOGETHER WITH CONNECTION BEING MADE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

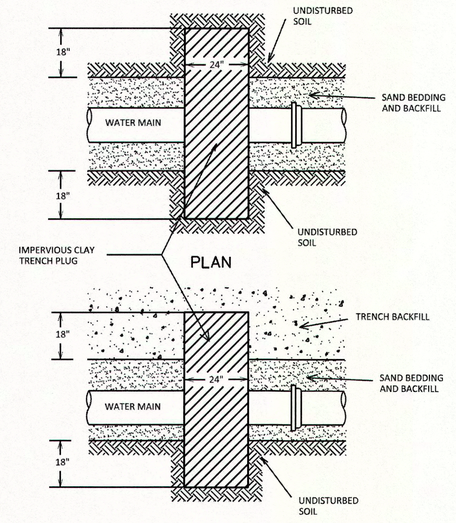
CITY OF ROCHESTER	
PLASTIC WATER MAIN TRACER WIRE END TO END SPLICE CONNECTION	
ISSUED 6-1-09	NON-STANDARD
REVISED 2-19-15	DWG.NO.S901-10



NOTE:

TAP SPLICE CONNECTION IS TO BE USED FOR CONNECTING WATER SERVICE TRACER WIRE TO WATER MAIN TRACER WIRE WITH CONNECTION BEING MADE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

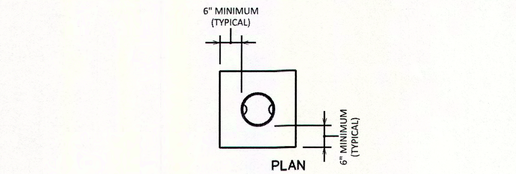
CITY OF ROCHESTER	
PLASTIC WATER SERVICE TRACER WIRE TAP SPLICE CONNECTION	
ISSUED 6-1-09	NON-STANDARD
REVISED	DWG.NO.S901-11



NOTES:

1. IMPERVIOUS CLAY MATERIAL SHALL BE FREE OF ROCKS, STONES AND VEGETATION.
2. CLAY SHALL BE MOISTURE CONDITIONED AND MECHANICALLY COMPACTED TO THE SAME DENSITY AS ADJACENT BACKFILL.

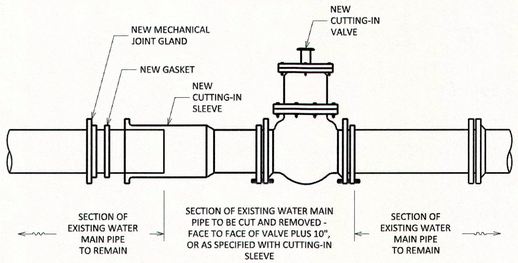
CITY OF ROCHESTER	
IMPERVIOUS CLAY WATER MAIN TRENCH PLUG	
ISSUED 6-04-10	NON-STANDARD
REVISED 12-15-10	DWG.NO.S901-12



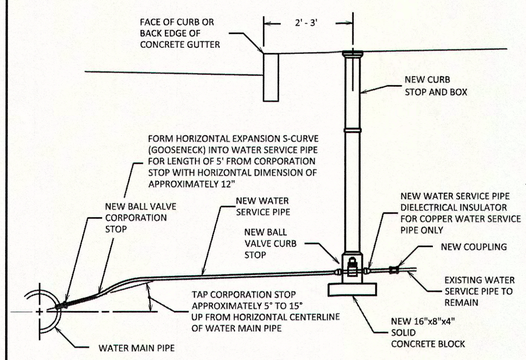
NOTES:

1. ADJUST EXISTING WATER VALVE BOX AND COVER, OR INSTALL NEW WATER VALVE BOX AND COVER. SET TOP TO GRADE.
2. IF ADJUSTING EXISTING WATER VALVE BOX AND COVER, EXISTING FLANGE IS TO REMAIN, DO NOT REMOVE.

CITY OF ROCHESTER	
WATER VALVE BOX ADJUSTMENT OR REPLACEMENT	
ISSUED 2-10-00	NON-STANDARD
REVISED 6-1-09	DWG.NO.S909-1



CITY OF ROCHESTER	
CUTTING-IN VALVE INSTALLATION	
ISSUED 9-2-91	STD. DWG.
REVISED 6-1-09	NO. R905-1



NOTES:

1. WATER SERVICE PIPE IS TO HAVE MINIMUM COVER DEPTH OF 4.50 FEET FROM FINISHED SURFACE.
2. WATER SERVICE TAP IS TO BE MADE ON CUSTOMER SIDE OF WATER MAIN PIPE. FOR PLASTIC WATER MAIN PIPE USE WIDE STRAP BRASS TAPPING SADDLE. FOR CAST/DUCTILE IRON WATER MAIN PIPE USE DOUBLE STRAP BRASS TAPPING SADDLE, SEE TABLE.
3. WATER SERVICE PIPE IS TO RUN PERPENDICULAR TO WATER MAIN PIPE.
4. FOR WATER SERVICE PIPE 1½ INCHES AND LARGER, ADD CURB BOX ARCH TO CURB BOX.
5. TRACER WIRE MUST BE INSTALLED FOR PLASTIC WATER SERVICE PIPE, SEE DETAILS S901-9 AND S901-11.
6. MAGNESIUM ANODE MUST BE INSTALLED FOR COPPER WATER SERVICE PIPE, SEE DETAIL S966-3.
7. WARNING TAPE MUST BE INSTALLED WITH ALL OPEN CUT TRENCHED WATER SERVICE PIPE INSTALLATIONS.
8. REFER TO WATER BUREAU'S APPROVED PRODUCT LIST FOR LIST OF APPROVED WATER SERVICE PRODUCTS.

SERVICE SADDLE REQUIREMENTS FOR TAPS ON CAST/DUCTILE IRON WATER MAIN PIPE	
WATER MAIN PIPE SIZE (INCHES)	MAXIMUM TAP SIZE ALLOWED w/o SERVICE SADDLE (INCHES)
4" - 6"	ALL TAPS REQUIRE SADDLE
8" - 10"	¾"
12"	1"
16" AND LARGER	1½"

CITY OF ROCHESTER	
WATER SERVICE PIPE 2 INCH AND SMALLER	
ISSUED 9-2-91	STD. DWG.
REVISED 6-1-09	NO. R913-1

CITY OF ROCHESTER
WATER SERVICE INSTALLATION DATA

PROPERTY ADDRESS: _____

STREET SERVICE TAPPED ON (IF DIFFERENT): _____

DATE OF INSTALLATION: _____ DOMESTIC OR HOLLY SYSTEM? _____

TAP SIZE: _____ DISTANCE, MAIN TO ROW LINE: _____ SIDE OF ST. TAPPED: _____

CURB STOP/VALVE SIZE: _____ SERVICE LENGTH: _____ SERVICE MATERIAL: _____

CONTRACTOR/PLUMBER: _____

TAP INSTALLED BY: _____ INSPECTOR: _____

CURB OR OPERATING VALVE LOCATION *: _____

_____

TAP OR GUARD VALVE LOCATION (IF DIFFERENT): _____

_____

INSULATOR INSTALLED? _____ IF YES, WHERE: TAP _____ CURB STOP _____

ANODE INSTALLED? ____ IF YES, SIZE: ____ LBS., ATTACHED TO: TAP __ , SERVICE __ , MAIN __

INSIDE SERVICE MATERIAL & SIZE: _____

* MEASURED FROM ROW OF NEAREST INTERSECTING STREET OR HYDRANT, WHICHEVER IS CLOSER OCT. 2013

NOTES:

1. WATER SERVICE CARD WILL BE SUPPLIED BY WATER BUREAU. REQUIRED INFORMATION IS TO BE TYPED OR NEATLY PRINTED ON WATER SERVICE CARD.
2. 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.
3. 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 CLOSER (SEE NOTE 4 FOR EXCEPTION). WHENEVER POSSIBLE, MEASUREMENTS SHOULD BE LESS THAN 300 FEET.
4. IF NEAREST INTERSECTING STREET RIGHT-OF-WAY EXTENSION IS NOT PERPENDICULAR TO THE STREET RIGHT-OF-WAY ON WHICH THE CURB STOP IS LOCATED, THE CURB STOP MEASUREMENT SHOULD BE TAKEN FROM THE NEAREST HYDRANT ATTACHED TO THE WATER MAIN WHICH THE WATER SERVICE IS CONNECTED TO. IF SUCH A HYDRANT IS NOT AVAILABLE, THEN ANOTHER PERMANANT FEATURE, PRE-APPROVED BY THE WATER BUREAU, SHALL BE USED FOR THE CURB STOP MEASUREMENT.
5. MEASUREMENTS ARE TO BE ENTERED IN TENTHS OF FEET. DO NOT USE INCHES. ROUNDING TO THE NEAREST 0.5 FEET IS ACCEPTABLE.
6. IF SERVICE IS INSTALLED WITH HORIZONTAL BEND, DRAW A SKETCH ON THE BACK OF THE CARD SHOWING THE LOCATIONS OF THE MAIN, CORPORATION, SERVICE AND CURB STOP. THE DISTANCE BETWEEN THE BEND AND CURB STOP AND OFFSET DIMENSIONS BETWEEN THE BEND AND THE CORPORATION AND CURB STOP SHOULD BE SHOWN IN THE SKETCH.

CITY OF ROCHESTER	
WATER SERVICE CARD	
ISSUED 9-2-91	STD. DWG.
REVISED 10-23-13	NO. R913-3

DATE: JUNE 2015
SCALE: AS NOTED
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

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PORTLAND AVENUE REVITALIZATION

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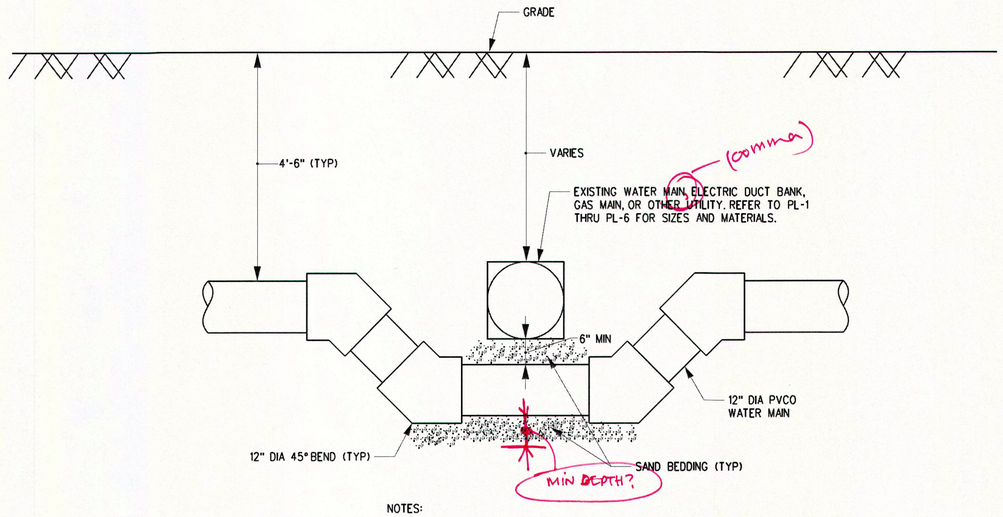

NOTES:

1. THIS DETAIL SHALL BE UTILIZED AT UTILITY CROSSINGS AS REQUIRED TO MAINTAIN MIN 4'-6" COVER OVER NEW WATER MAIN AND REQUIRED MIN. 6" VERTICAL SEPARATION AS SHOWN. WORK IS INCLUDED IN ITEM NOS. S901.130106, S901.130108, S901.130110, AND S901.130112.
2. JOINTS OF NEW WATER MAIN MAY BE DEFLECTED VERTICALLY IN LIEU OF VERTICAL BENDS. REFER TO SPECIFICATIONS FOR REQUIREMENTS AND LIMITATIONS.
3. PROVIDE CONCRETE THRUST BLOCKS AT ALL VERTICAL BENDS AS SPECIFIED.

DETAIL 1 - TYPICAL UTILITY CROSSING

NOT TO SCALE

CAN THIS BE CLARIFIED IN A SPECIAL NOTE ON THE PLANS? COULD SAVE A SHEET!

DATE: JUNE 2015
SCALE: AS NOTED
DESIGNED BY: CJL
DRAWN BY: MD2

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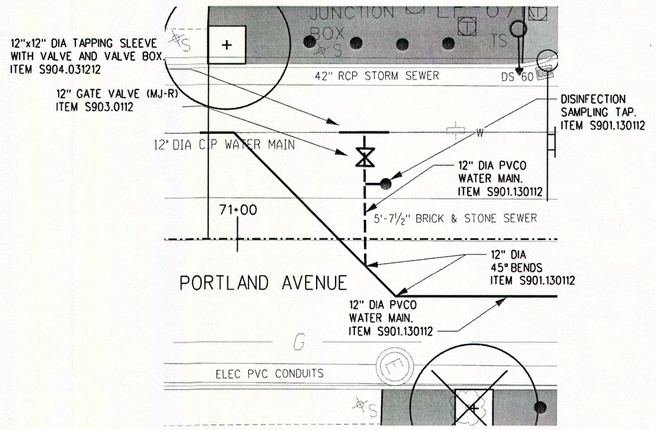
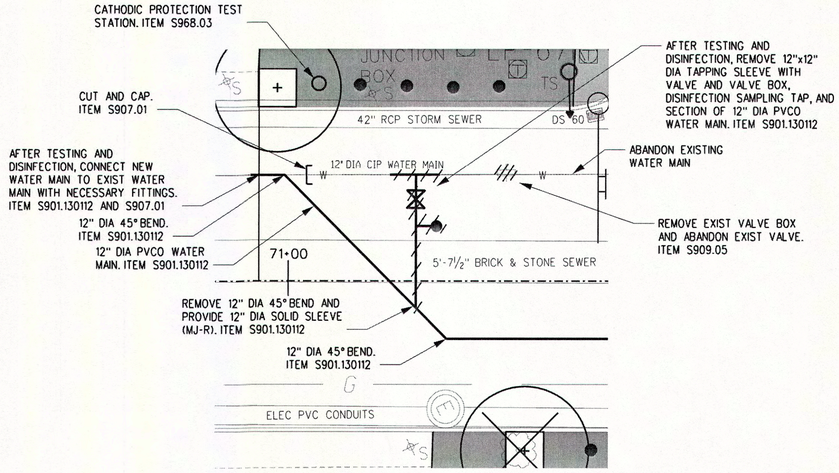


INITIAL CONFIGURATION

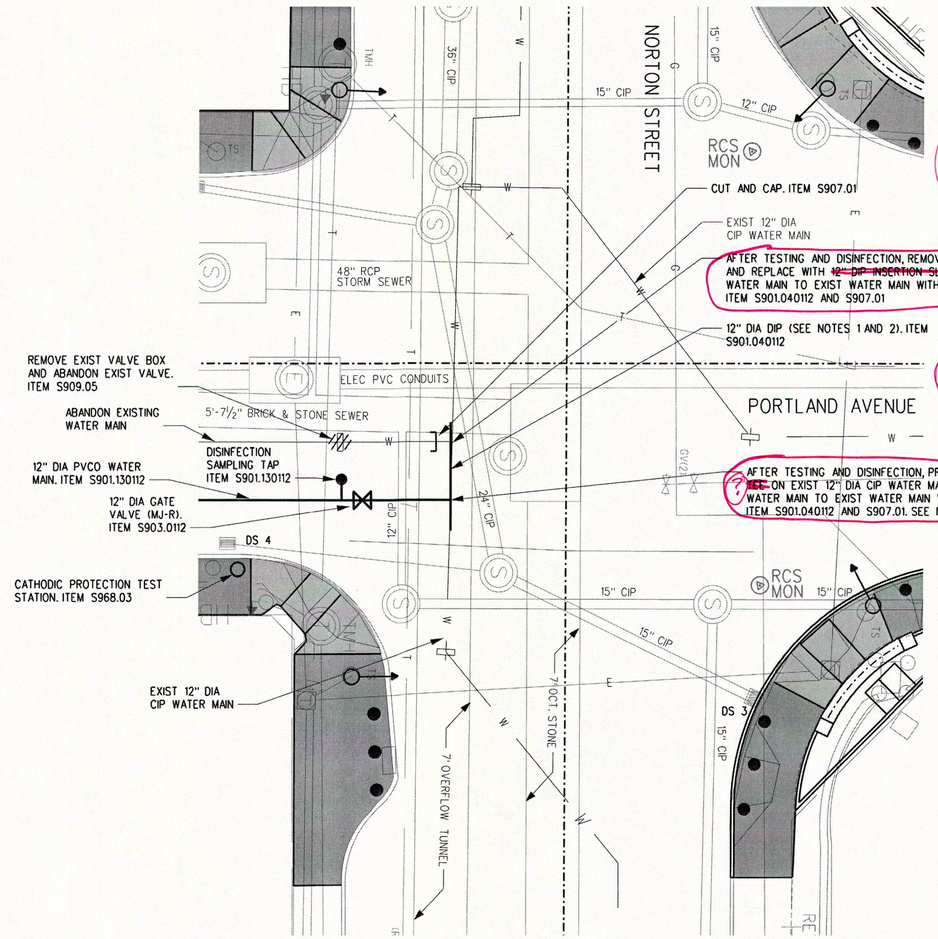


FINAL CONFIGURATION

NOTES:

1. THE INITIAL CONFIGURATION SHALL BE PROVIDED AT THE BEGINNING OF THE WORK AND THE TAPPING SLEEVE WITH VALVE CONNECTION TO THE EXIST WATER MAIN SHALL BE UTILIZED TO FILL, FLUSH, AND DISINFECT THE NEW WATER MAIN. THE FINAL CONFIGURATION SHALL BE PROVIDED AFTER ALL OF THE NEW WATER MAIN, INCLUDING ALL CONNECTIONS TO SIDE STREETS, HAS BEEN TESTED AND DISINFECTED

PARTIAL PLAN 1-1
PORTLAND AVENUE
SCALE: 1" = 10'



PARTIAL PLAN 6-1
PORTLAND AVENUE AND NORTON STREET
SCALE: 1" = 10'

NOTES:

1. PROVIDE 12" DIA DIP AS NECESSARY BETWEEN CUT-IN TEE AND INSERTION SLEEVE.
2. PROVIDE A 32 LB ANODE ON EIXST CIP OR DIP WATER MAIN AT CONNECTION TO NEW PVCO OR DIP WATER MAIN. ITEM S966.0332
3. BOND ALL JOINT OF NEW DIP AND JOINT AT CONNECTION BETWEEN NEW DIP AND EXIST CIP/DIP. ITEM S962.01

Title! Partial Water Main Plan 1?)

NOTES DO NOT MAKE SENSE — REVISE / REWORD TO MATCH THE PROPOSED DESIGN

DATE: JUNE 2015
SCALE: 1" = 10'
DESIGNED BY: CJL
DRAWN BY: MD2

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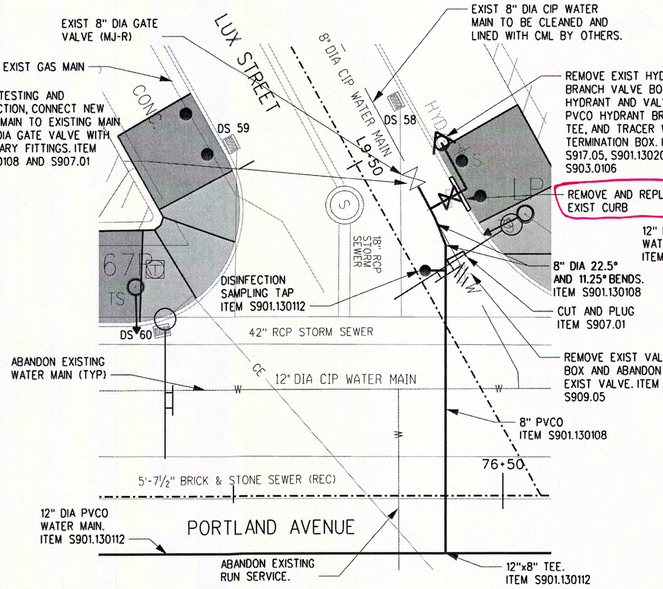
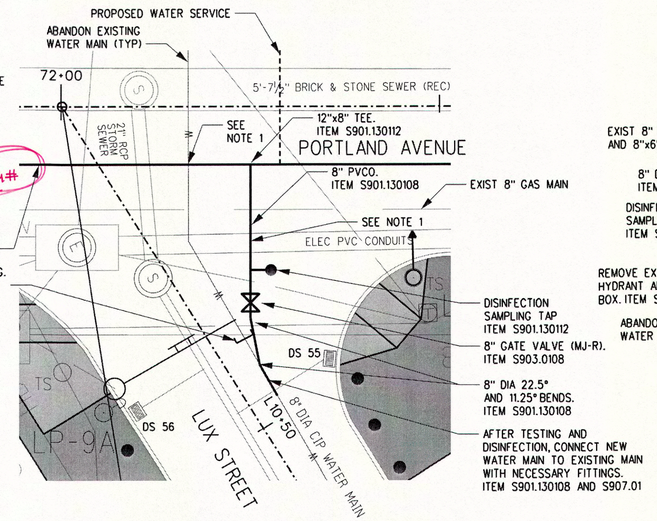
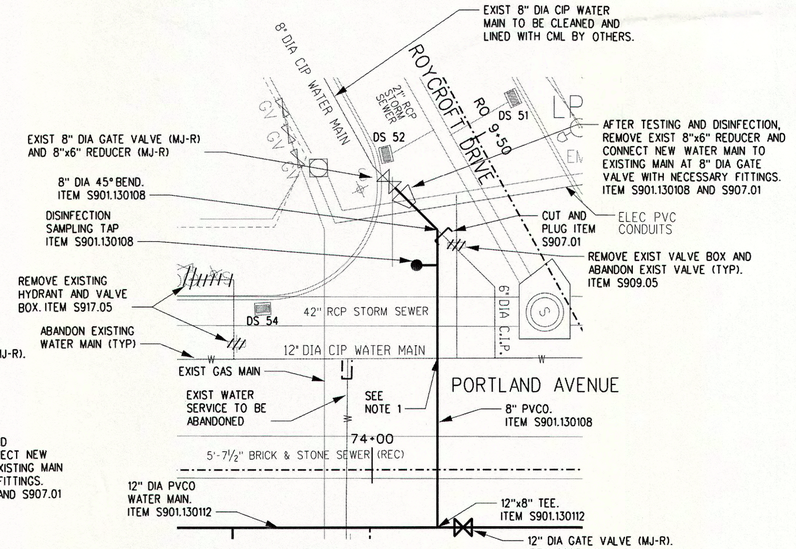


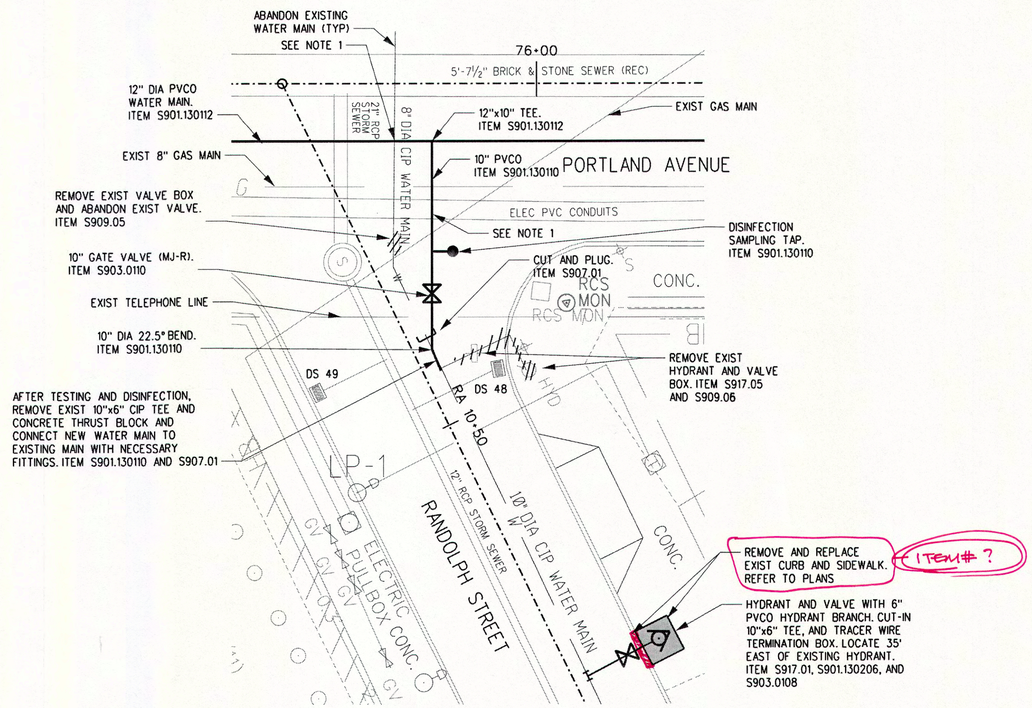
PARTIAL PLAN 1-2
PORTLAND AVENUE AND LUX STREET
SCALE: 1" = 10'



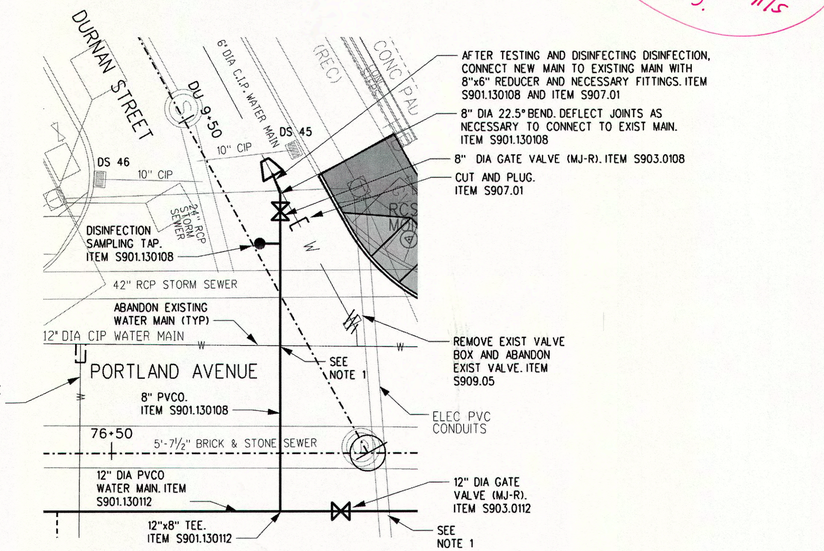
PARTIAL PLAN 1-3
PORTLAND AVENUE AND LUX STREET
SCALE: 1" = 10'



PARTIAL PLAN 1-4
PORTLAND AVENUE AND ROYCROFT DRIVE
SCALE: 1" = 10'



PARTIAL PLAN 1-5
PORTLAND AVENUE AND RANDOLPH STREET
SCALE: 1" = 10'



PARTIAL PLAN 2-1
PORTLAND AVENUE AND DURNAN STREET
SCALE: 1" = 10'

NOTES:

1. PROVIDE VERTICAL BENDS OR DEFLECT JOINTS TO CROSS UNDER EXISTING UTILITY AS REQUIRED. REFER TO DETAIL 1 ON DWG CD-4.
2. PROVIDE A 32 LB MAGNESIUM ANODE ON EXIST CIP OR DIP WATER MAIN AT CONNECTION TO NEW PVCO OR DIP WATER MAIN. ITEM S966.0332

Title! Side Street Connection Details (?).

DATE: JUNE 2015
SCALE: 1" = 10'
DESIGNED BY: CJL
DRAWN BY: MD2

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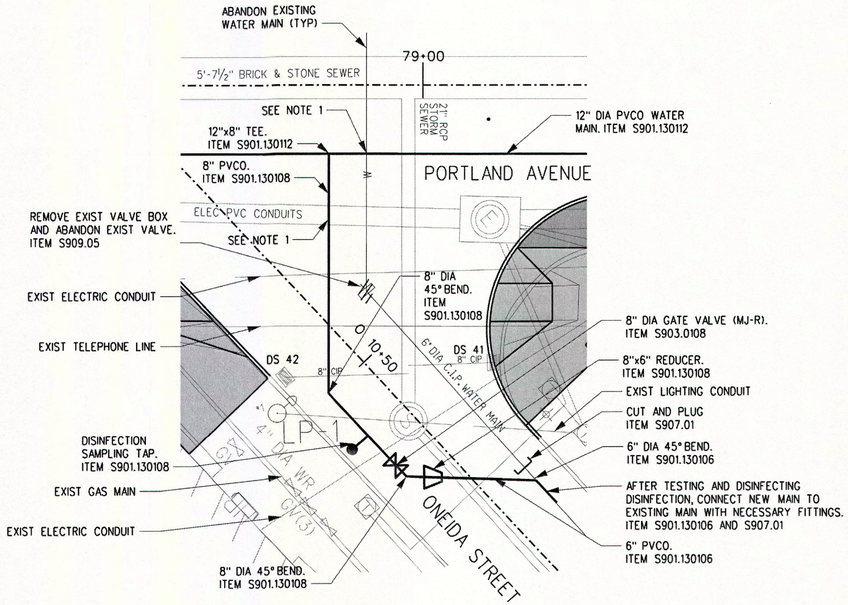
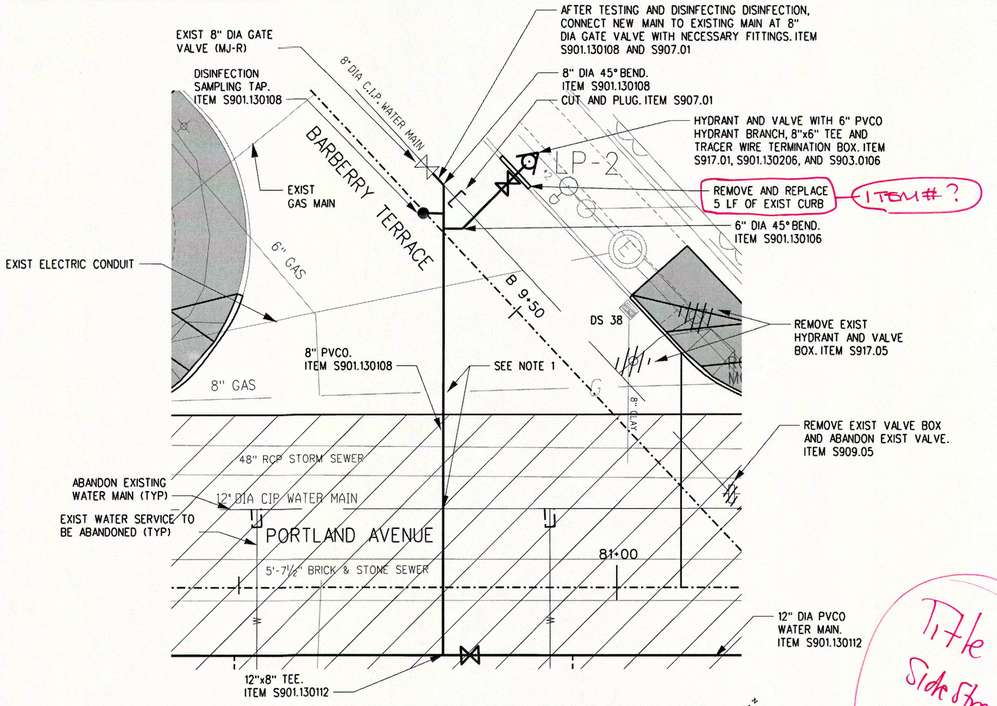


PARTIAL PLAN 2-2

PORTLAND AVENUE AND ONEIDA STREET

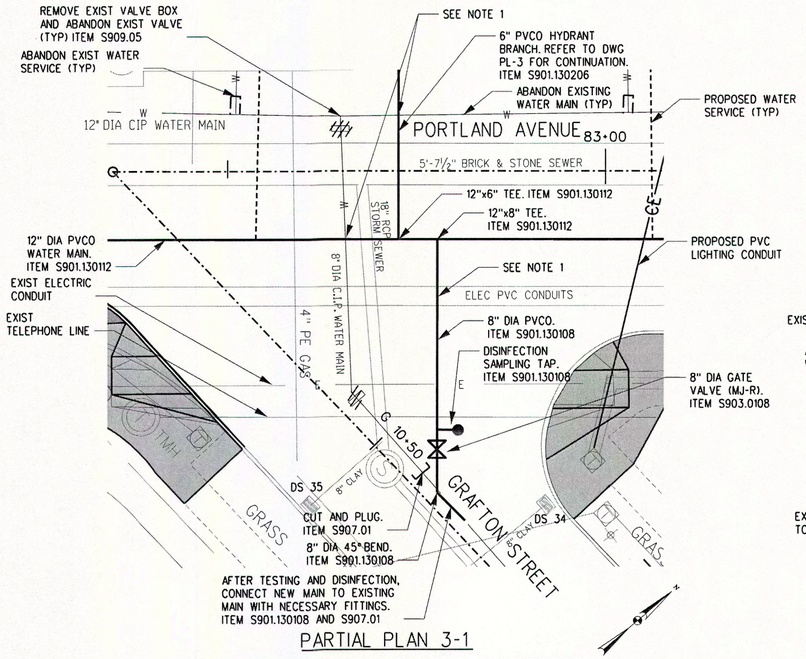
SCALE: 1" = 10'



PARTIAL PLAN 2-3

PORTLAND AVENUE AND BARBERRY TERRACE

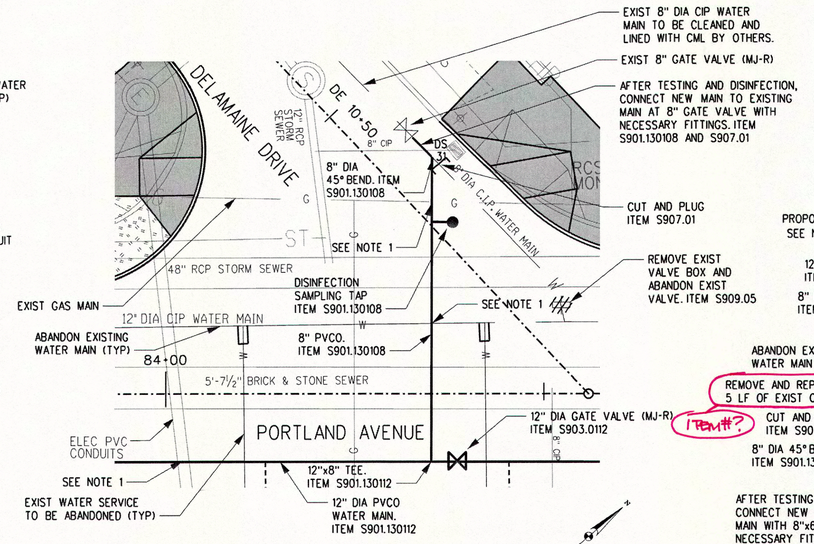
SCALE: 1" = 10'



PARTIAL PLAN 3-1

PORTLAND AVENUE AND GRAFTON STREET

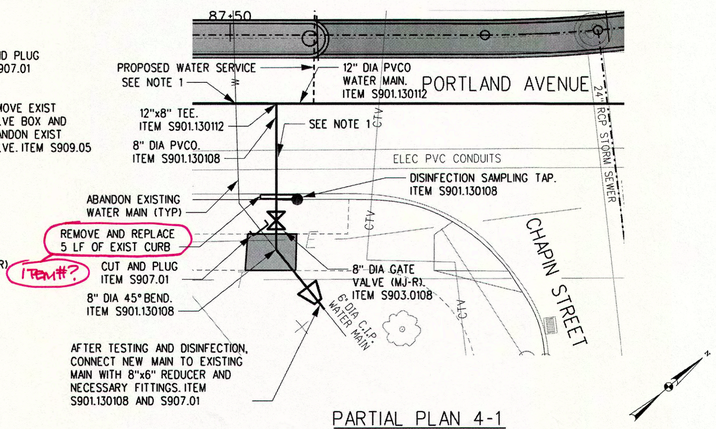
SCALE: 1" = 10'



PARTIAL PLAN 3-2

PORTLAND AVENUE AND DELAMAINE DRIVE

SCALE: 1" = 10'



PARTIAL PLAN 4-1

PORTLAND AVENUE AND CHAPIN STREET

SCALE: 1" = 10'

NOTES:

1. PROVIDE VERTICAL BENDS OR DEFLECT JOINTS TO CROSS UNDER EXISTING UTILITY AS REQUIRED. REFER TO DETAIL 1 ON DWG CD-4.
2. PROVIDE A 32 LB MAGNESIUM ANODE ON EXIST CIP OR DIP WATER MAIN AT CONNECTION TO NEW PVCO OR DIP WATER MAIN. ITEM S966.0332

Title? Side Street Connection Details (?)

DATE: JUNE 2015
SCALE: 1" = 10'
DESIGNED BY: CJL
DRAWN BY: MD2

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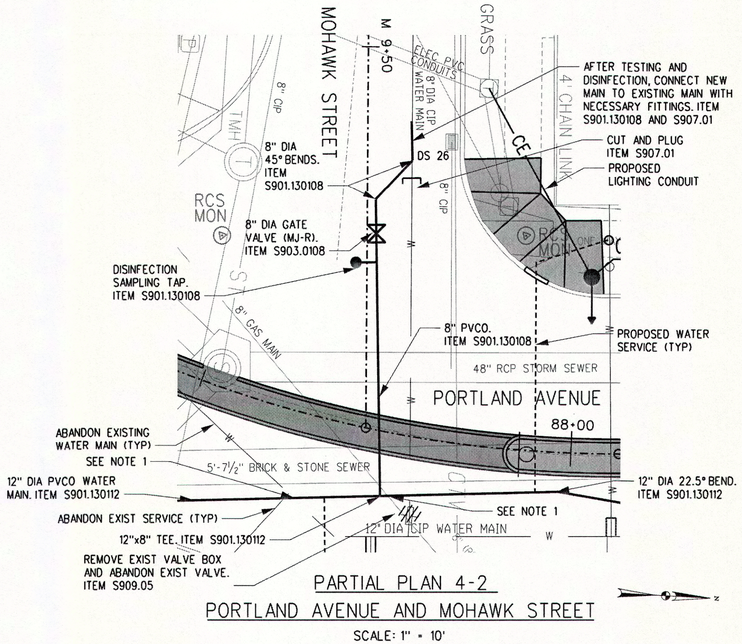
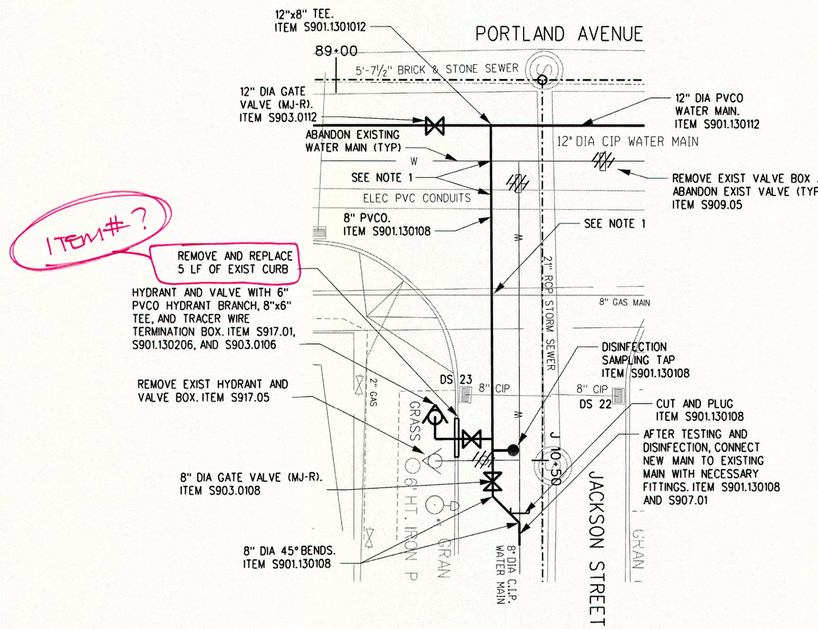


PARTIAL PLAN 4-2

PORTLAND AVENUE AND MOHAWK STREET

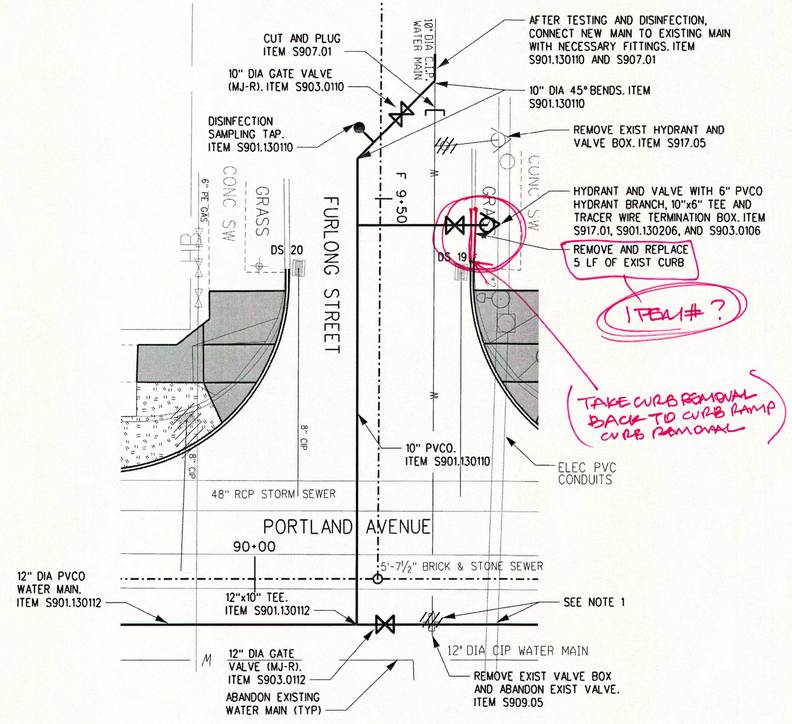
SCALE: 1" = 10'



PARTIAL PLAN 4-3

PORTLAND AVENUE AND JACKSON STREET

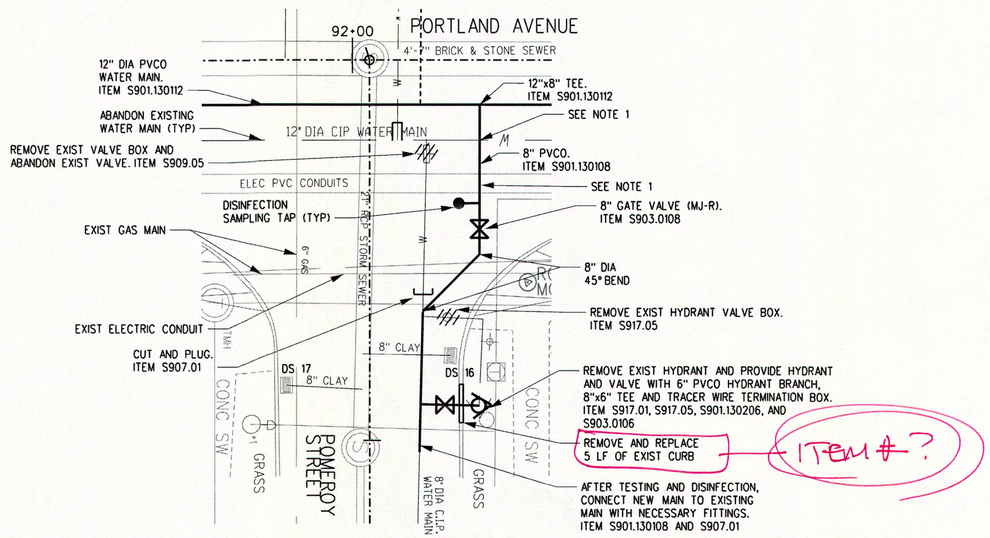
SCALE: 1" = 10'



PARTIAL PLAN 5-1

PORTLAND AVENUE AND FURLONG STREET

SCALE: 1" = 10'



PARTIAL PLAN 5-2

PORTLAND AVENUE AND POMEROY STREET

SCALE: 1" = 10'

NOTES:

1. PROVIDE VERTICAL BENDS OR DEFLECT JOINTS TO CROSS UNDER EXISTING UTILITY AS REQUIRED. REFER TO DETAIL 1 ON DWG CD-4.
2. PROVIDE A 32 LB MAGNESIUM ANODE ON EXIST CIP OR DIP WATER MAIN AT CONNECTION TO NEW PVCO OR DIP WATER MAIN. ITEM S966.0332

Title! Side Street connection Details (?)

DATE: JUNE 2015
SCALE: 1" = 10'
DESIGNED BY: CJL
DRAWN BY: MD2

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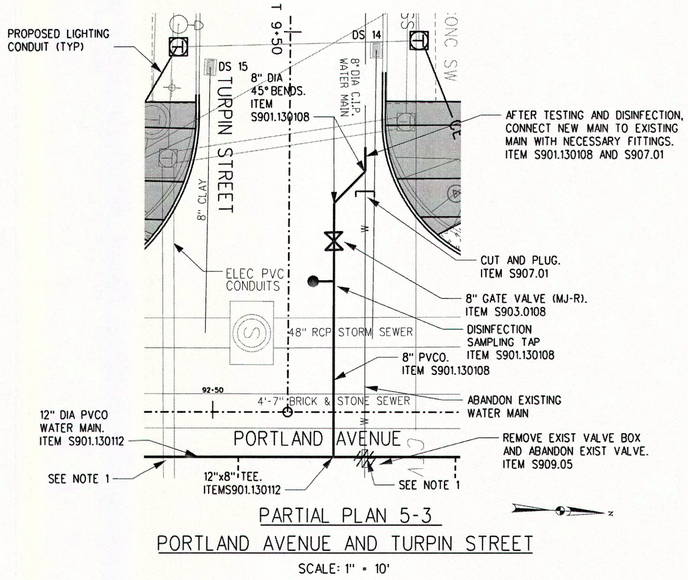
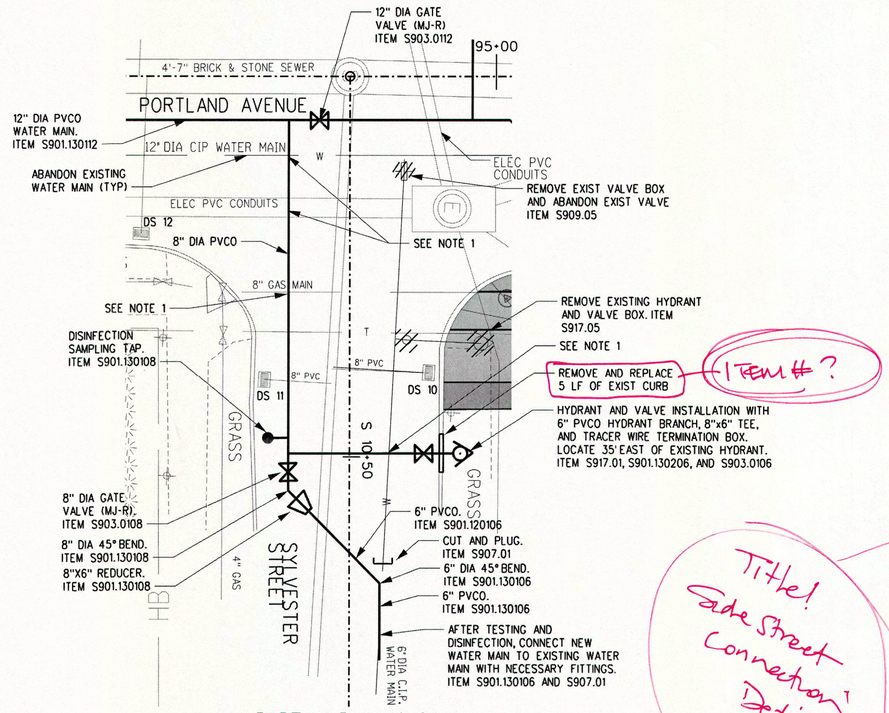


PARTIAL PLAN 5-3

PORTLAND AVENUE AND TURPIN STREET

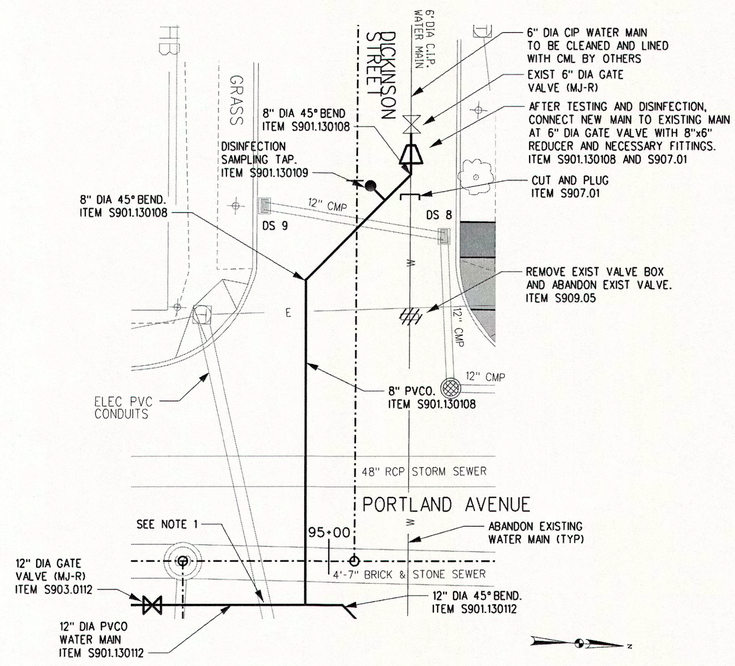
SCALE: 1" = 10'



PARTIAL PLAN 6-2

PORTLAND AVENUE AND SYLVESTER STREET

SCALE: 1" = 10'



PARTIAL PLAN 6-3

PORTLAND AVENUE AND DICKINSON STREET

SCALE: 1" = 10'

NOTES:

1. PROVIDE VERTICAL BENDS OR DEFLECT JOINTS TO CROSS UNDER EXISTING UTILITY AS REQUIRED. REFER TO DETAIL 1 ON DWG CD-4.
2. PROVIDE A 32 LB MAGNESIUM ANODE ON EXIST CIP OR DIP WATER MAIN AT CONNECTION TO NEW PVCO OR DIP WATER MAIN. ITEM S966.0332

Title! Cade Street Connection Detail (?)

DATE: JUNE 2015
SCALE: 1" = 10'
DESIGNED BY: CJL
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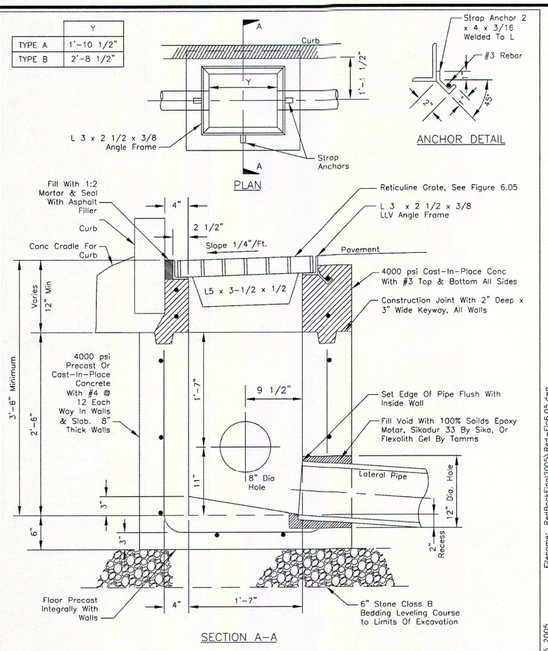


NOTES:

1. Coat interior of catch basin with 2 coats of Duralkote 500 Epoxy or approved equal.
2. Coat exterior of catch basin with 2 coats of bituminous coating.

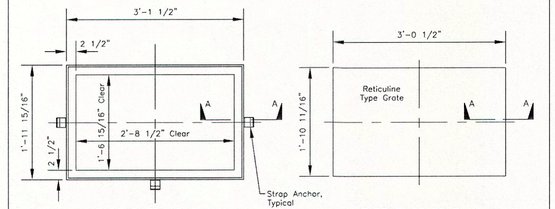
Typical Detail for City Of Rochester Street Improvement Projects. Other Use Requires RPWD Approval.

Former City of Rochester Std. Dwg. No. R604-2

Filename: RedBookFinal2005\Red-Fig6.01 Rev03-07.dwg
Time Printed: Wed Mar 7 12:35 2007

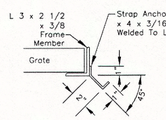
MONROE COUNTY PURE WATERS

MARCH 2007	TYPE A & B CATCH BASIN	FIGURE 6.01



NOTES:

1. Frames and grates shall be galvanized steel reticuline type, Syracuse Castings Model NYSDOT #1 for Type A, and Model NYSDOT #3 for Type B, or approved equal. Units shall be designed for H-20 loading. Complete unit shall be hot dip galvanized after fabrication, ASTM A123.



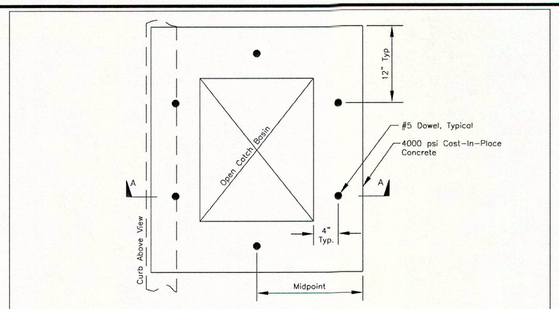
Typical Detail for City Of Rochester Street Improvement Projects. Other Use Requires RPWD Approval.

Former City of Rochester Std. Dwg. No. R655-1

Filename: RedBookFinal2005\Red-Fig6.05.dwg
Time Printed: Tues Feb 15 09:45 2005

MONROE COUNTY PURE WATERS

Feb 2005	TYPE A & B CATCH BASIN FRAME AND GRATE	FIGURE 6.05



NOTES:

1. Scarify and/or remove top of existing catch basin walls to sufficient depth to accommodate new concrete cap. Coat top surface with epoxy polysulfide grout per NYSDOT Sub-Section 721-03 prior to pouring new cap.
2. Coat interior of new concrete construction with 2 coats of Duralkote 500 Epoxy or approved equal.
3. Coat exposed exterior of new concrete construction with 2 coats of bituminous coating.

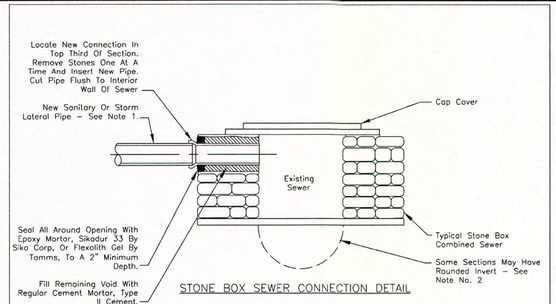
Typical Detail for City Of Rochester Street Improvement Projects. Other Use Requires RPWD Approval.

Former City of Rochester Std. Dwg. No. R604-7

Filename: RedBookFinal2005\Red-Fig6.10 Rev03-07.dwg
Time Printed: Wed Mar 7 12:35 2007

MONROE COUNTY PURE WATERS

MARCH 2007	CATCH BASIN FRAME AND COVER ADJUSTMENT	FIGURE 6.10



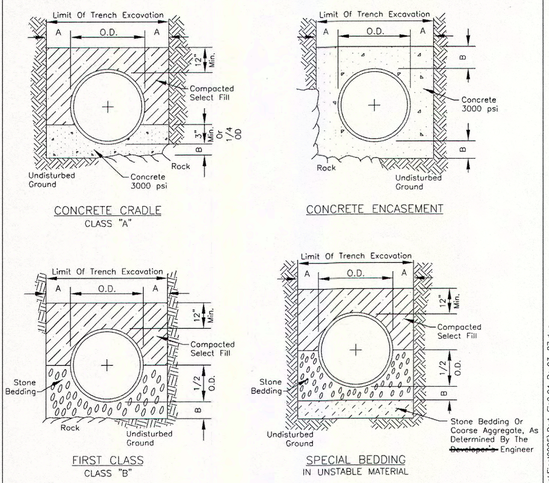
NOTES:

1. Lateral connections larger than 6" diameter will require special design and approval. Laterals larger than 6" diameter will not be maintained by the District.
2. Refer to District record drawings for configuration of specific stone sewer.
3. Lateral connections to stone sewers must be witnessed by a representative of the District. Notify Pure Waters a minimum of 48 hours in advance of construction for inspection of the lateral connection. Telephone (585) 760-7600, Option 5.
4. Take necessary precautions to prevent damage to the existing sewer, and to prevent debris from entering the sewer.

Filename: RedBookFinal2005\Red-Fig3.07.dwg
Time Printed: Tues Feb 15 09:45 2005

MONROE COUNTY PURE WATERS

Feb 2005	TYPICAL CONNECTIONS TO STONE SEWERS	FIGURE 3.07



PIPE DIA.	DIM. A	DIM. B
UP TO 18"	1.0'	6"
21" TO 36"	1.5'	9"
OVER 36"	1.5'	12"

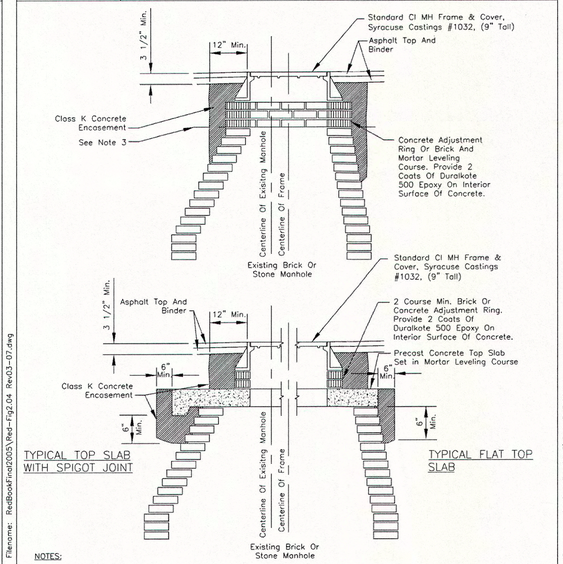
NOTES:

1. Trench backfill shall be as required by the highway owner.
2. Select fill shall be sand, gravel, and similar material which shall be free from clay, loam, organic material, debris, frozen material and shall contain only small amounts of stone, pebbles, or lumps over one inch in greatest dimension, but none over two inches in greatest dimension.
3. Stone bedding shall mean approved imported aggregate meeting the requirements of the New York State Department of Transportation, Standard Specification, "Crushed Stone", primary size 1 or a mixture of primary size 1 and 2, washed.
4. Coarse aggregate shall mean approved imported aggregate meeting the requirements of the New York State Department of Transportation, Standard Specification, "Crushed Stone", primary size 3 or a mixture of primary size 3 and 4.
5. This Figure 1.01 applies to Pure Waters sanitary, storm, and combined mainline sewers and lateral pipe installations, as well as forcemains.

Filename: RedBookFinal2005\Red-Fig1.01.dwg
Time Printed: Tues Feb 15 09:45 2005

MONROE COUNTY PURE WATERS

Feb 2005	BEDDING DETAILS	FIGURE 1.01



NOTES:

1. Provide appropriate measures to prevent surface water, mud, and foreign material from entering the sewer system during construction, by plugging, pumping, bailing, and other work as necessary.
2. Remove/Add courses of brick/block, or install concrete adjustment ring to retrofit manhole frame and cover onto existing manhole riser at the required finished grade.
3. The lower limit of the Class K concrete encasement shall be at, or below, the lowest portion of the leveling course.
4. Brick for frame leveling course, ASTM C32, Grade SS.

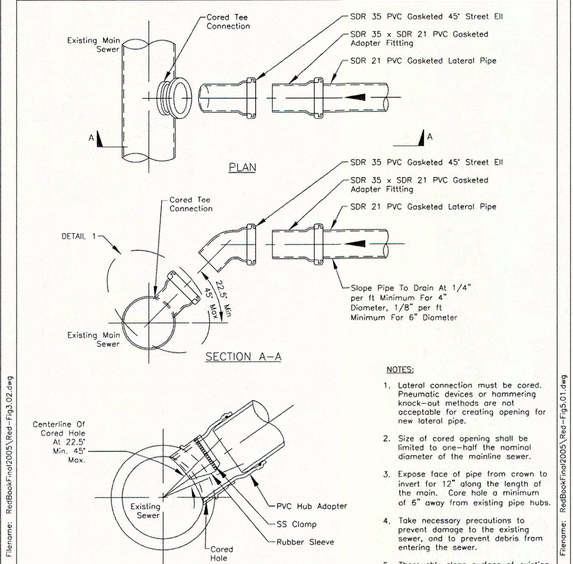
Typical Detail for City Of Rochester Street Improvement Projects. Other Use Requires RPWD Approval.

Former City of Rochester Std. Dwg. No. R604-10

Filename: RedBookFinal2005\Red-Fig2.04 Rev03-07.dwg
Time Printed: Wed Mar 7 10:00 2007

MONROE COUNTY PURE WATERS

MARCH 2007	MANHOLE FRAME AND COVER ADJUSTMENT FOR BRICK AND STONE STRUCTURES	FIGURE 2.04



INSERTA TEE SIZE	HOLE DIAMETER
4" (100mm)	4-1/2" (112.5mm)
6" (150mm)	6-1/2" (162.5mm)
8" (200mm)	8-3/4" (218.8mm)
10" (250mm)	10-7/8" (271.9mm)
12" (300mm)	12-7/8" (321.8mm)
15" (375mm)	15-13/16" (395.3mm)

Required method of cutting hole is with hole saw for PVC and polyethylene, and diamond bit for concretes, clay, and ductile iron.

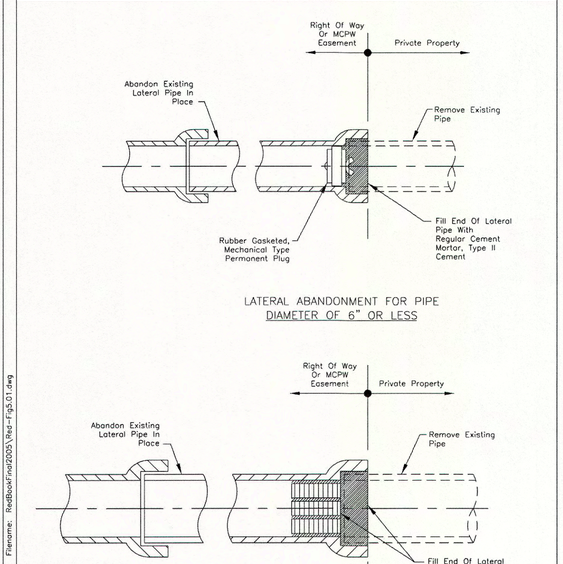
NOTES:

1. Lateral connection must be cored. Pneumatic devices or hammering knock-out methods are not acceptable for creating opening for new lateral pipe.
2. Size of cored opening shall be limited to one-half the nominal diameter of the mainline sewer.
3. Expose face of pipe from crown to invert for 12" along the length of the main. Core hole a minimum of 6" away from existing pipe hubs.
4. Take necessary precautions to prevent damage to the existing sewer, and to prevent debris from entering the sewer.
5. Thoroughly clean surface of existing pipe of foreign matter and loose particles prior to placement of Tee connection.
6. Tee connection: Inserta Tee by Inserta Fittings Co., or approved equal.
7. Lateral connections must be witnessed by a representative of the District. Notify Pure Waters a minimum of 48 hours in advance of construction for inspection of the lateral connection. Telephone (585) 760-7600, Option 5.

Filename: RedBookFinal2005\Red-Fig3.02.dwg
Time Printed: Tues Feb 15 09:45 2005

MONROE COUNTY PURE WATERS

Feb 2005	INSERT TYPE CORED TEE CONNECTION TO EXISTING SEWER	FIGURE 3.02



NOTES:

1. Lateral Abandonment must be witnessed by a representative of the District. Notify Pure Waters a minimum of 48 hours in advance of construction for inspection of the lateral abandonment. Telephone (585) 760-7600, Option 5.
2. Brick for plug: ASTM C-32, Grade SS.

Filename: RedBookFinal2005\Red-Fig5.01.dwg
Time Printed: Tues Feb 15 09:45 2005

MONROE COUNTY PURE WATERS

Feb 2005	LATERAL ABANDONMENT DETAIL	FIGURE 5.01

NO	DATE	REVISIONS DESCRIPTION	BY

DATE: JUNE 2015
SCALE: AS NOTED
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

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PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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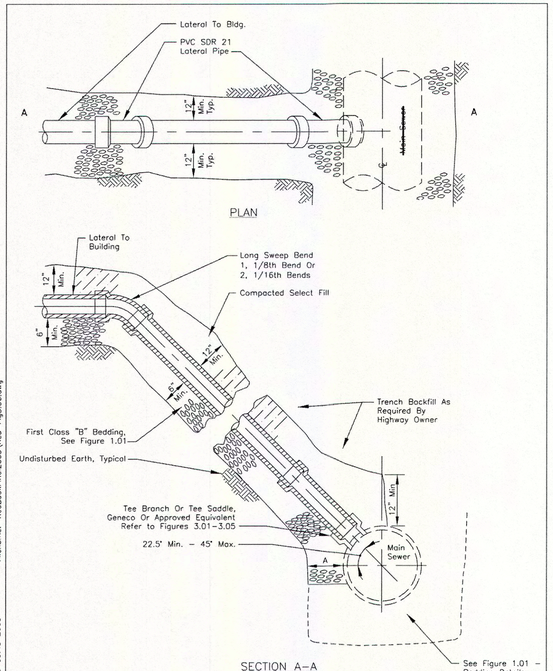
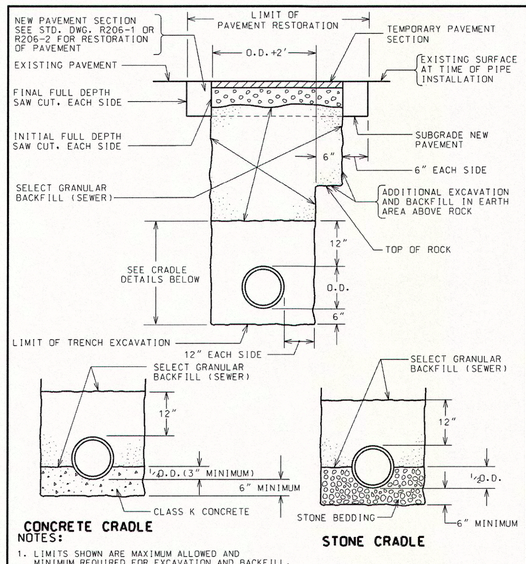


MONROE COUNTY PURE WATERS

Feb 2005	LATERAL RISER CONNECTION	FIGURE 3.06

Filename: RedBook\Final\2005\Red-Fig3.06.dwg
Time Printed: Tues Feb 15 09:45 2005



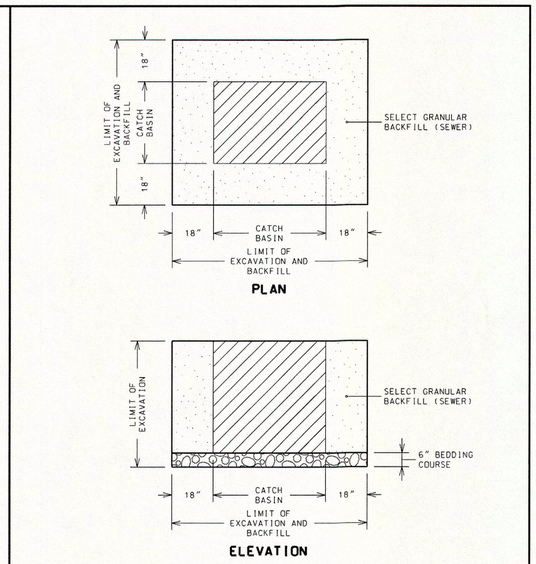
NOTES:

1. LIMITS SHOWN ARE MAXIMUM ALLOWED AND MINIMUM REQUIRED FOR EXCAVATION AND BACKFILL.
2. UPPER PAY LIMITS FOR TRENCH EXCAVATION IS TOP OF EXISTING SURFACE. AT TIME OF TRENCH EXCAVATION.
3. UPPER PAY LIMITS FOR ROCK EXCAVATION IS TOP SURFACE OF ROCK.
4. UPPER PAY LIMIT FOR SELECT GRANULAR BACKFILL (SEWER) IS BOTTOM OF TEMPORARY PAVEMENT (IF USED), OR FINISHED SURFACE IF SELECT GRANULAR BACKFILL (SEWER) IS PLACED UP TO FINISHED SURFACE AS NOTED ON THE DRAWINGS.
5. TEMPORARY OR PERMANENT BLOCKS OR ANY OTHER TYPE OF PIPE SUPPORT IS NOT TO BE USED DURING PIPE INSTALLATION.

CITY OF ROCHESTER

SEWER LATERAL TRENCH REHABILITATION AREA

ISSUED	9-2-91	STD. DWG.
REVISED	10-21-03	NO. R601-2



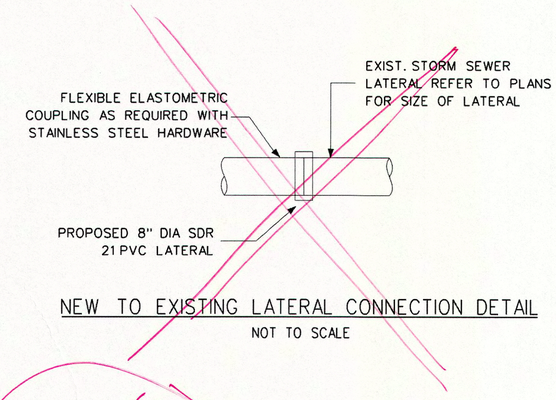
NOTES:

1. LIMITS SHOWN ARE MAXIMUM ALLOWED AND MINIMUM REQUIRED FOR EXCAVATION AND BACKFILL.
2. UPPER PAY LIMIT FOR TRENCH EXCAVATION IS TOP OF EXISTING SURFACE AT TIME OF EXCAVATION.
3. UPPER PAY LIMIT FOR SELECT GRANULAR BACKFILL (SEWER) IS BOTTOM OF TEMPORARY PAVEMENT (IF USED) OR TOP OF SURFACE – AS REQUIRED IN CONTRACT DOCUMENTS.

CITY OF ROCHESTER

TRENCH AND BACKFILL LIMIT LINES FOR CATCH BASINS

ISSUED	10-18-02	NON-STANDARD
REVISED	7-31-12	DWG.NO.S604-10



NEW TO EXISTING LATERAL CONNECTION DETAIL

NOT TO SCALE

Use MCPW Detail! Figure 3.05? "New Lateral Wye Connection to Existing Non-PVC Sewer"

REVISIONS

NO	DATE	DESCRIPTION	BY

DATE: JUNE 2015
SCALE: AS NOTED
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

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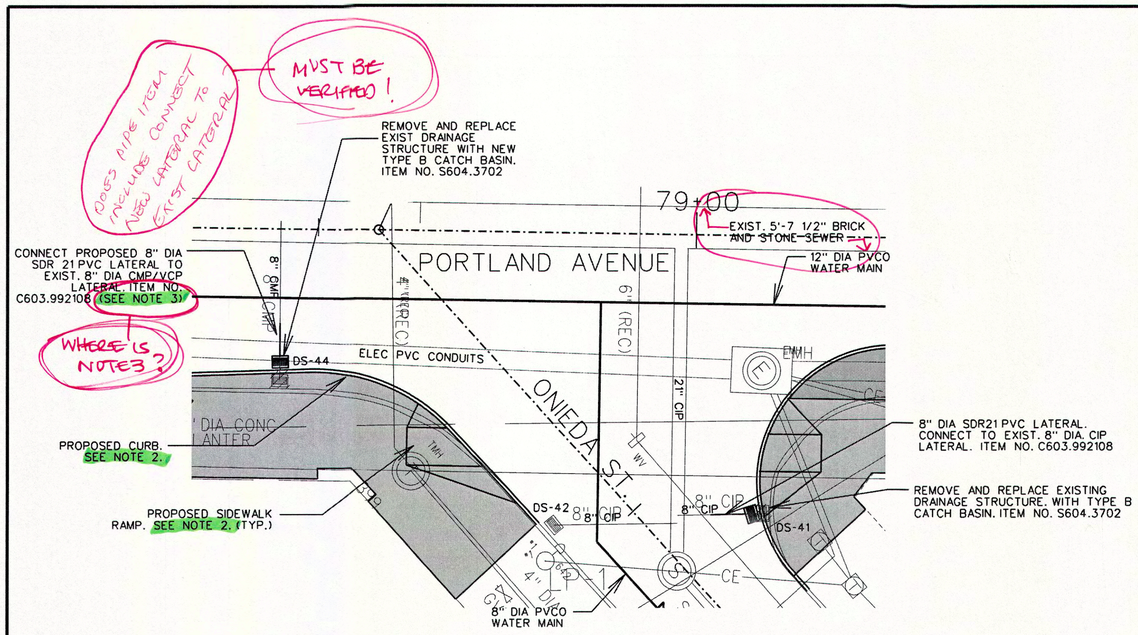
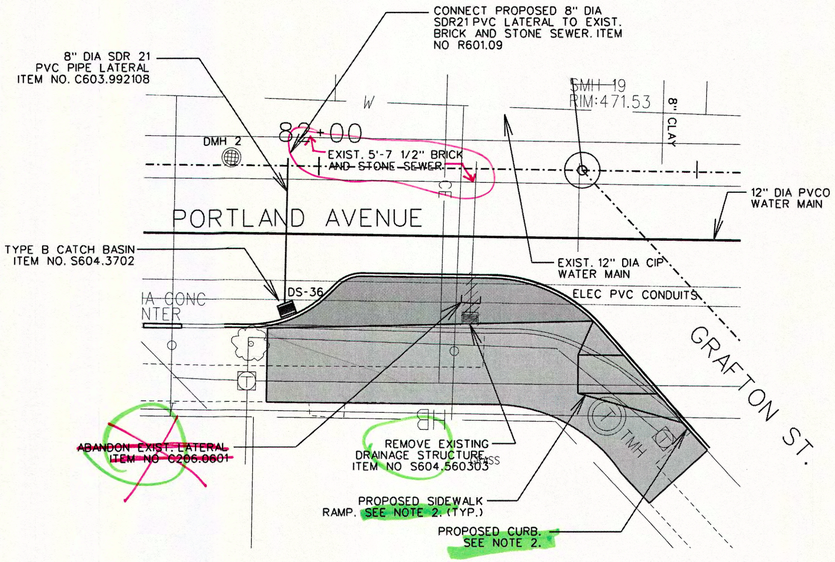


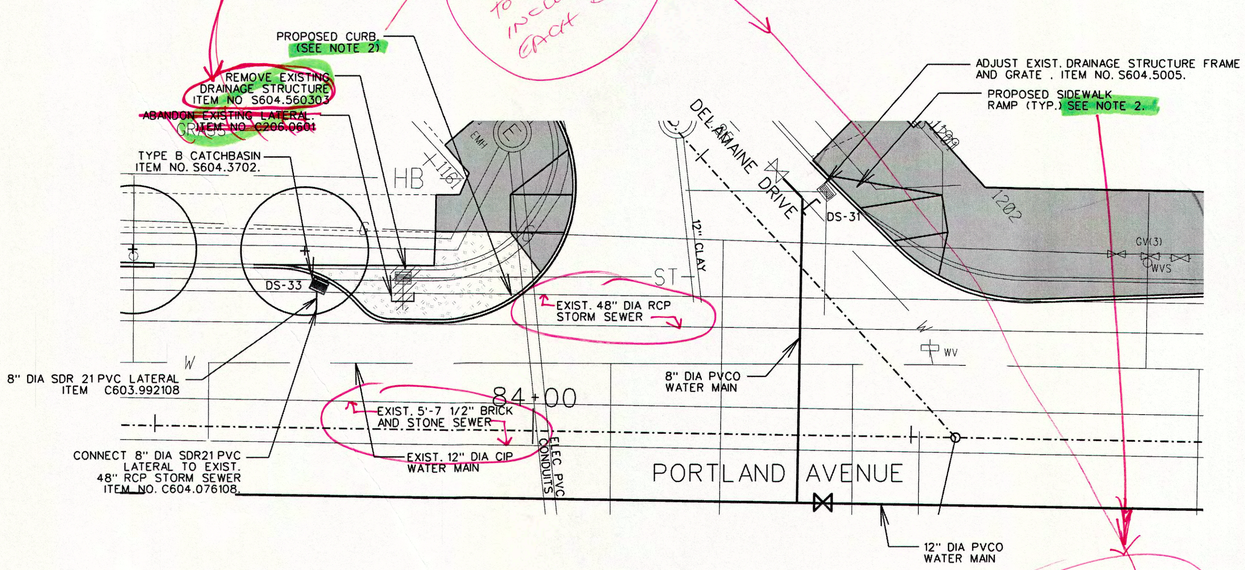
PARTIAL PLAN 1 - DRAINAGE IMPROVEMENTS
PORTLAND AVENUE AND ONEIDA STREET

SCALE: 1" = 10'



PARTIAL PLAN 2 - DRAINAGE IMPROVEMENTS
PORTLAND AVENUE AND GRAFTON STREET

SCALE: 1" = 10'



PARTIAL PLAN 3 - DRAINAGE IMPROVEMENTS
PORTLAND AVENUE AND DELAMAINE DRIVE

SCALE: 1" = 10'

REVISIONS

NO	DATE	DESCRIPTION	BY

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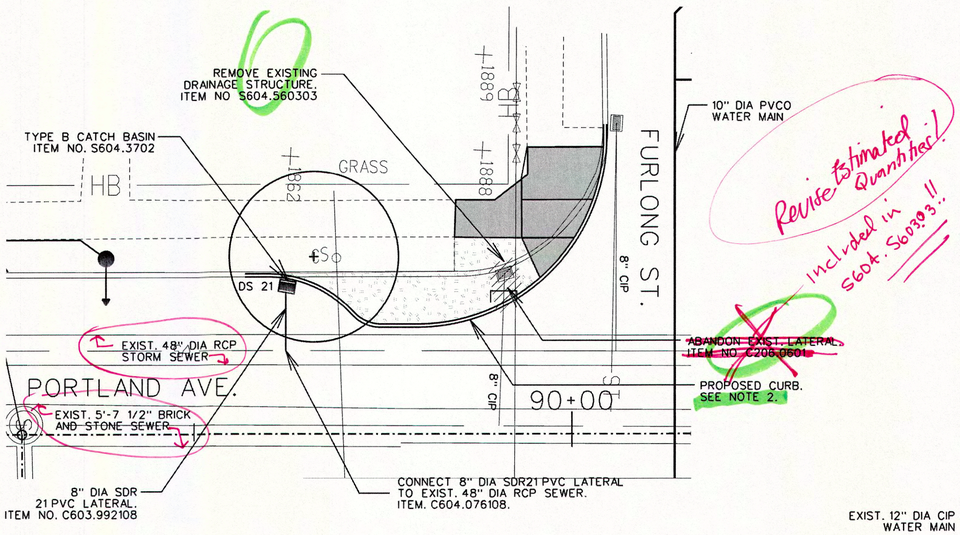
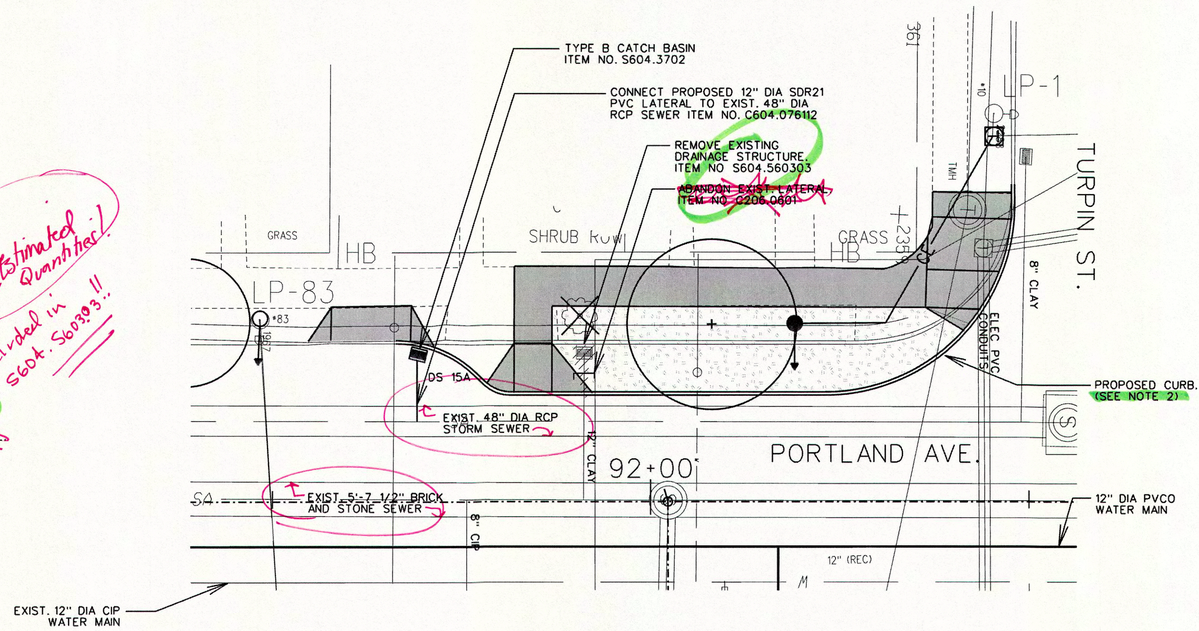


PARTIAL PLAN 4 - DRAINAGE IMPROVEMENTS
PORTLAND AVENUE AND FURLONG STREET
SCALE: 1" = 10'



PARTIAL PLAN 5 - DRAINAGE IMPROVEMENTS
PORTLAND AVENUE AND TURPIN STREET
SCALE: 1" = 10'

NOTES:

1. REFER TO DRAINAGE TABLE ON DWG CT-5 FOR ADDITIONAL REQUIREMENTS FOR DRAINAGE IMPROVEMENTS
2. REFER TO DWGS. CD-14 TO CD-18 FOR STREET IMPROVEMENT DETAILS.
3. (?) see partial plan 1 CD-12

DATE: JUNE 2015
SCALE: AS NOTED
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

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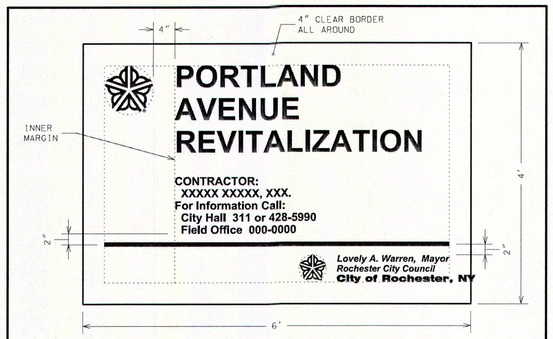


LAYOUT:

- CLEAR BORDER 4" ALL AROUND
- INNER MARGIN 4" BETWEEN UPPER CITY MARK AND TEXT
- UPPER CITY MARK TO BE 9" DIAMETER AND FLUSH WITH CLEAR BORDER
- "CONTRACTOR" AND "FOR INFORMATION CALL" TEXT TO BE FLUSH WITH INNER MARGIN
- LOWER CITY MARK TO BE 5" DIAMETER AND BOTTOM TO BE FLUSH WITH CLEAR BORDER
- RIGHT SIDE MAYOR'S SIGNATURE TO BE FLUSH WITH CLEAR BORDER AND TOP TO LINE UP WITH TOP OF LOWER CITY MARK

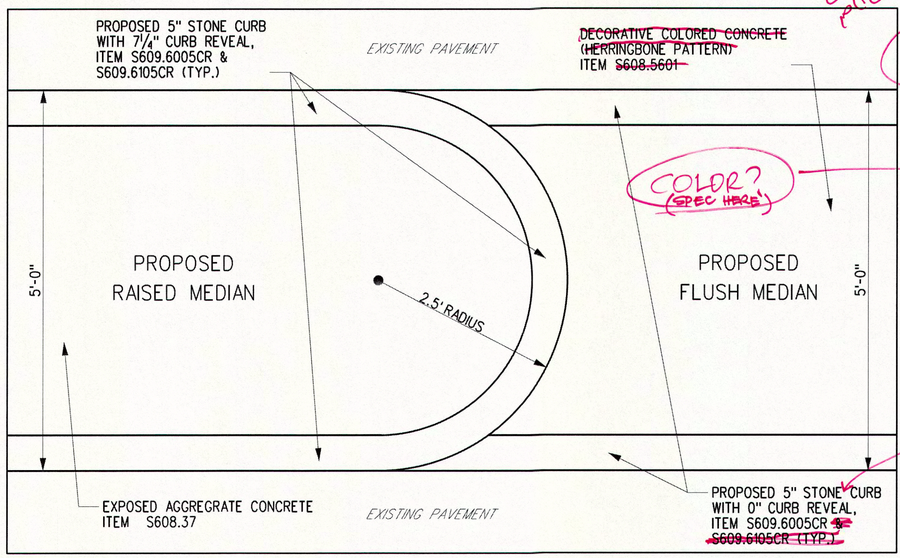
LETTERS:

- PROJECT TITLE: SWISS 721 CONDENSED BOLD 4" LETTERS INITIAL CAP 2" LINE SPACING
- CONTRACTOR AND FOR INFORMATION CALL: SWISS 721 CONDENSED BOLD 1.50" LETTERS INITIAL CAP 0.75" LINE SPACING
- MAYOR'S SIGNATURE: SWISS 721 CONDENSED BOLD ITALIC 1.25" LETTERS INITIAL CAP 0.625" LINE SPACING
- ROCHESTER CITY COUNCIL: SWISS 721 CONDENSED BOLD ITALIC 1.1875" LETTERS INITIAL CAP 0.625" LINE SPACING
- CITY OF ROCHESTER: SWISS 721 CONDENSED BOLD 1.25" LETTERS INITIAL CAP

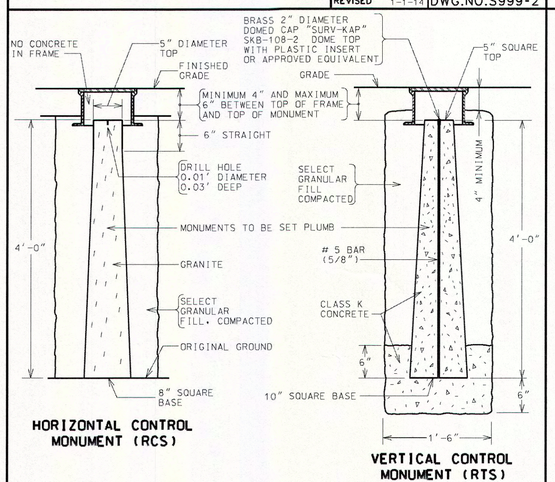
NOTES:

1. PRIOR TO SIGN FABRICATION, CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM CITY OF SIGN LAYOUT.
2. BOARD TO BE 6 FOOT x 4 FOOT x ¾ INCH PLYWOOD PAINTED WITH 2 COATS WHITE EXTERIOR ENAMEL PAINT.
3. BOTTOM OF SIGN BOARD IS TO BE POSTED MINIMUM OF 5 FEET ABOVE GROUND.
4. CITY MARK AND ALL TEXT TO BE COLORED TO MATCH PMS COLOR 287C BLUE.
5. LINE TO BE 30 POINT RULE.
6. SIGN CAN BE REDUCED PROPORTIONALLY TO 3 FOOT x 2 FOOT AS REQUIRED IN CONTRACT DOCUMENTS.

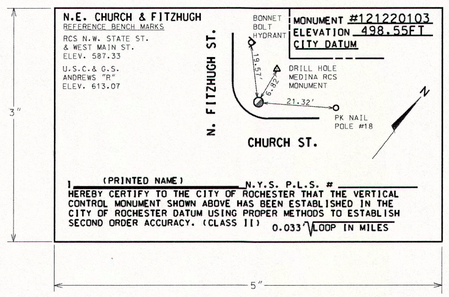
CITY OF ROCHESTER	
PROJECT SIGN	
ISSUED 5-7-01	NON-STANDARD
REVISED 1-1-14	DWG.NO.S999-2



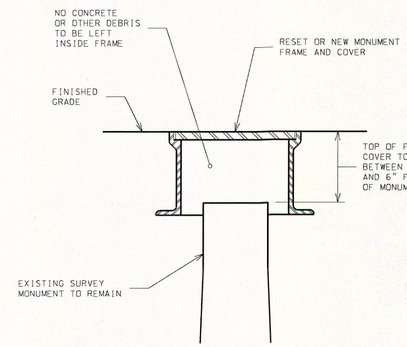
MEDIAN DETAIL
NOT TO SCALE



CITY OF ROCHESTER	
MONUMENTS	
ISSUED 9-2-91	STD. DWG.
REVISED 10-21-03	NO. R626-1



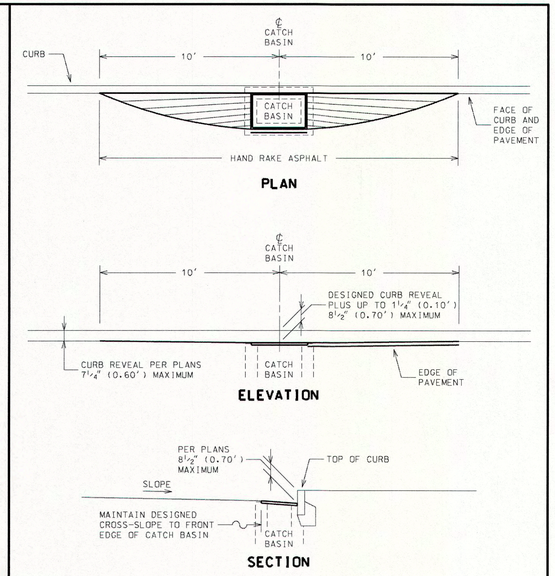
CITY OF ROCHESTER	
VERTICAL CONTROL MONUMENT CERTIFICATION CARD	
ISSUED 9-2-91	STD. DWG.
REVISED 2-10-00	NO. R626-3



NOTES:

1. MONUMENT FRAME AND COVER TO BE SET CENTERED OVER EXISTING SURVEY MONUMENT.
2. MONUMENT FRAME AND COVER IS TO HAVE FULL AND EVEN BEARING ON UNDERLYING SURFACE AND IS TO BE NON-ROCKING WHEN IN PLACE.
3. MONUMENT FRAME AND COVER IS TO BE SET FLUSH WITH FINISHED GRADE.

CITY OF ROCHESTER	
RESET/REPLACE MONUMENT FRAME AND COVER	
ISSUED 1-13-06	NON-STANDARD
REVISED	DWG.NO.S626-6



NOTES:

1. DEPRESSED PAVING IS TO BE USED ONLY WHERE GRADES ARE LESS THAN 0.40%. AND AT LOW POINTS WHERE BOTH INCOMING GRADES ARE LESS THAN 0.50%.
2. BACKEDGE OF CATCH BASIN FRAME AND GRATE TO BE DEPRESSED AT CURB.
3. PAVEMENT IS TO BE FLUSH WITH CATCH BASIN.
4. TOP OF CURB IS TO REMAIN TRUE TO LINE AND GRADE. CURB IS NOT TO BE DEPRESSED.

CITY OF ROCHESTER	
DEPRESSED PAVING AT CATCH BASIN	
ISSUED 9-2-91	STANDARD
REVISED 7-31-12	DWG.NO.R400-3

JOZ 0001 ?
CLASS C PAVEMENT
NEED TO USE CLASS C IN PAVEMENT AREAS
COLOR? (SPEC HERE)
May require a NYSDOT special spec for colored concrete.
HEADER

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS
NO. | DATE | DESCRIPTION | BY

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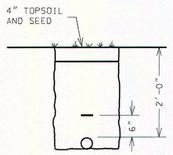
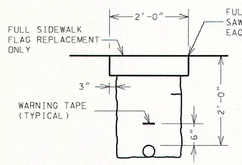
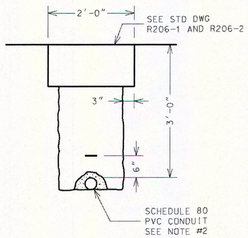


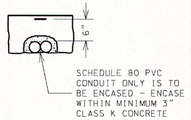
LAWN AREA



DRIVEWAY OR SIDEWALK CROSSING



ROADWAY CROSSING

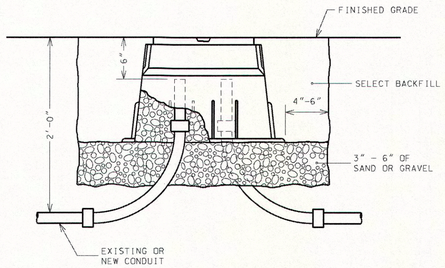


MULTIPLE CONDUITS

NOTES:

1. ALL CONDUIT RUNS ARE TO DRAIN INTO THE PULLBOX.
2. IF REQUIRED BY PROJECT MANAGER, CONDUIT FOR ROADWAY CROSSINGS IS TO BE ENCASED WITHIN CLASS K CONCRETE - FROM PULLBOX TO PULLBOX, OR FROM PULLBOX TO LIGHT POLE.

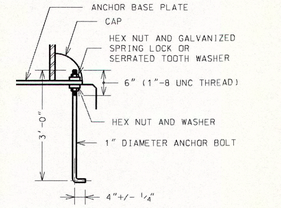
CITY OF ROCHESTER	
CONDUIT TRENCH	
ISSUED 9-2-91	STD. DWG.
REVISED 4-28-06	NO. R671-1



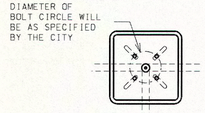
NOTES:

1. PLACE 3 TO 6 INCHES OF SAND OR GRAVEL IN BOTTOM OF EXCAVATION.
2. IF NECESSARY, USE CONDUIT EXTENSION AND COUPLING TO EXTEND EXISTING CONDUIT TO FINISHED GRADE.
3. HANDHOLE WILL BE AS PROVIDED BY THE CITY.

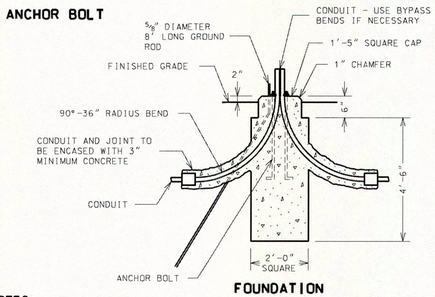
CITY OF ROCHESTER	
FIBERGLASS HANDHOLE INSTALLATION	
ISSUED 9-2-91	STD. DWG.
REVISED 4-28-06	NO. R671-5



ANCHOR BOLT



TOP VIEW

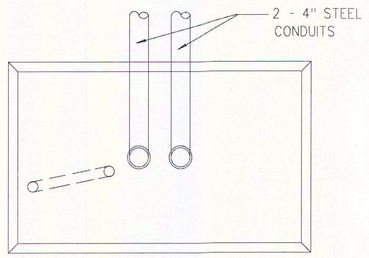


FOUNDATION

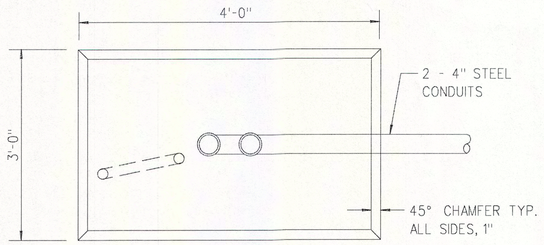
NOTES:

1. FOUNDATION TO BE MADE OF CLASS K CONCRETE. TOP OF FOUNDATION TO BE 2 INCHES ABOVE FINISHED GRADE.
2. GROUND ROD TO BE DRIVEN INTO UNDISTURBED EARTH ADJACENT TO FOUNDATION AND BENT INTO FOUNDATION TOP. TOP OF GROUND ROD TO EXTEND 4 INCHES ABOVE TOP OF FOUNDATION.
3. ANCHOR BOLTS TO BE IN ACCORDANCE WITH ASTM F1554 GRADE 55. TOP OF ANCHOR BOLTS TO EXTEND 3 INCHES ABOVE TOP OF FOUNDATION.
4. TOP OF CONDUIT TO EXTEND 9 INCHES ABOVE TOP OF FOUNDATION.
5. SUPPLY TWO LEVELING SHIMS WITH EACH ANCHOR BOLT FOR LEVELING BASE PLATE AND TO PLUMB POLE.

CITY OF ROCHESTER	
METAL POLE FOUNDATION	
ISSUED 9-2-91	STD. DWG.
REVISED 4-28-06	NO. R671-6



FRONT OR REAR CONDUIT EXIT

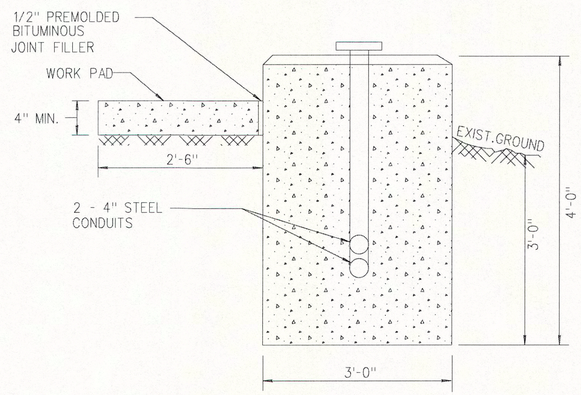


SIDE CONDUIT EXIT

NOTES:

1. CONCRETE BASE FOR CONTROLLER TO BE PAID FOR UNDER ITEM 680.5002.

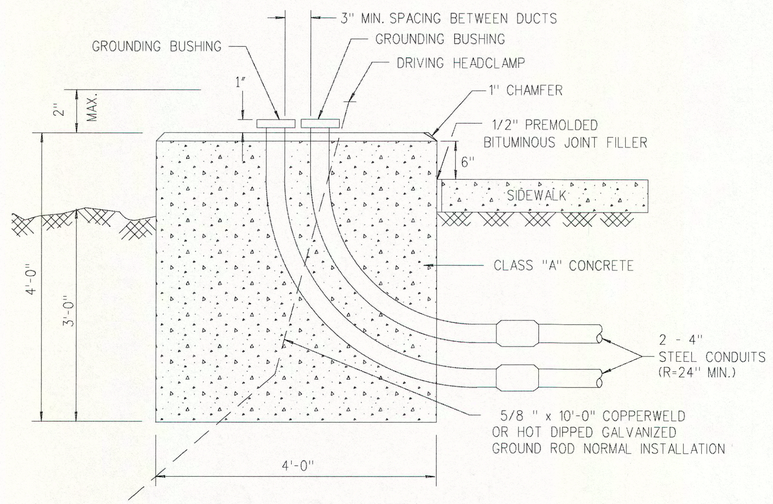
CONCRETE CONTROLLER BASE - CONDUIT EXITS
(MONROE COUNTY STANDARD CONSTRUCTION DETAIL - REVISED 4/1/98)
NOT TO SCALE



NOTES:

1. CONCRETE BASE FOR CONTROLLER TO BE PAID FOR UNDER ITEM 680.5002.

CONCRETE BASE FOR CONTROLLER - VIEW A
(MONROE COUNTY STANDARD CONSTRUCTION DETAIL - REVISED 4/1/98)
NOT TO SCALE



NOTES:

1. IN UNPAVED AREAS A CONCRETE WORK PAD SHALL BE PLACED IN FRONT OF THE CABINET DOOR.
2. CONCRETE BASE FOR CONTROLLER TO BE PAID FOR UNDER ITEM 680.5002.

CONCRETE BASE FOR CONTROLLER - VIEW B
(MONROE COUNTY STANDARD CONSTRUCTION DETAIL - REVISED 4/1/98)
NOT TO SCALE

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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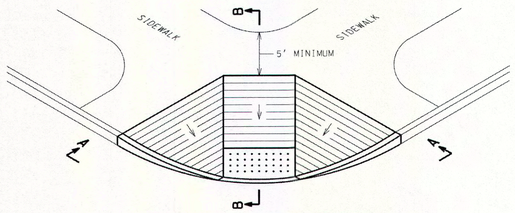
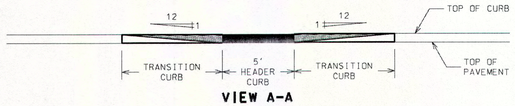
CD-15
SHEET 24 OF 50

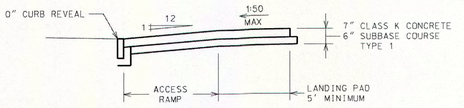
WENDEL JOB NUMBER
22134062



ACCESS RAMP TYPE A ISOMETRIC



VIEW A-A



SECTION B-B

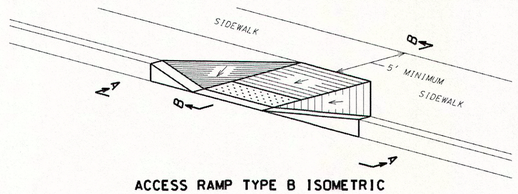
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

CITY OF ROCHESTER

SIDEWALK ACCESS RAMP TYPE A

ISSUED	9-2-91	STANDARD
REVISED	5-1-13	DWG.NO.R608-1



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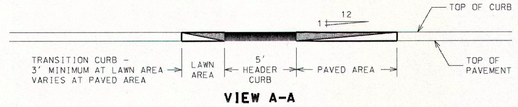
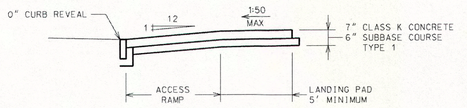


VIEW A-A



SECTION B-B

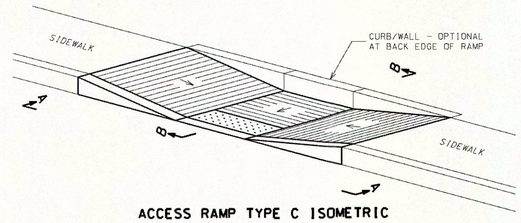
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARE IN PAVED AREA.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

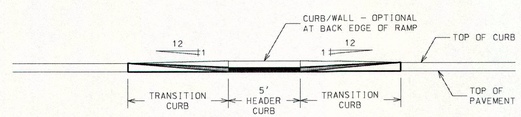
CITY OF ROCHESTER

SIDEWALK ACCESS RAMP TYPE B

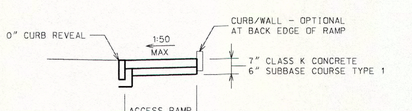
ISSUED	9-2-91	STANDARD
REVISED	5-1-13	DWG.NO.R608-2



ACCESS RAMP TYPE C ISOMETRIC



VIEW A-A



SECTION B-B

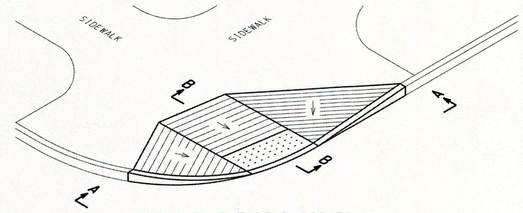
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

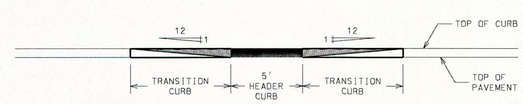
CITY OF ROCHESTER

SIDEWALK ACCESS RAMP TYPE C

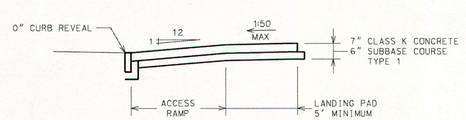
ISSUED	9-2-91	STANDARD
REVISED	5-1-13	DWG.NO.R608-3



ACCESS RAMP TYPE D ISOMETRIC



VIEW A-A



SECTION B-B

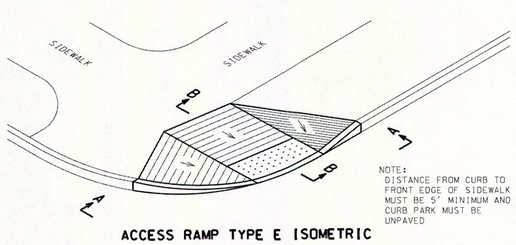
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

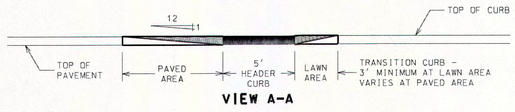
CITY OF ROCHESTER

SIDEWALK ACCESS RAMP TYPE D

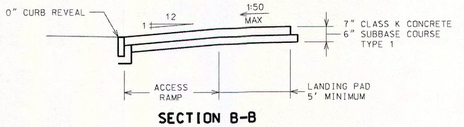
ISSUED	9-2-91	STANDARD
REVISED	5-1-13	DWG.NO.R608-4



ACCESS RAMP TYPE E ISOMETRIC



VIEW A-A



SECTION B-B

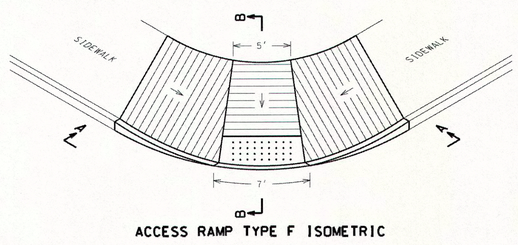
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARE IN PAVED AREA.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

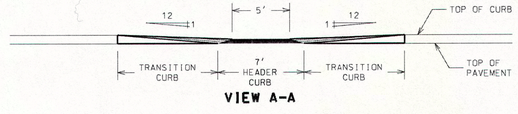
CITY OF ROCHESTER

SIDEWALK ACCESS RAMP TYPE E

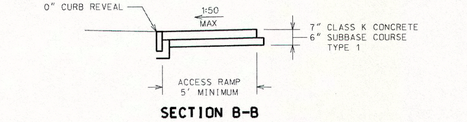
ISSUED	3-21-94	NON-STANDARD
REVISED	5-1-13	DWG.NO.S608-13



ACCESS RAMP TYPE F ISOMETRIC



VIEW A-A



SECTION B-B

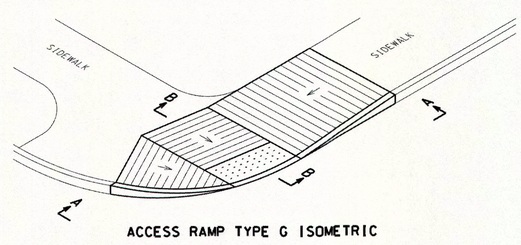
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

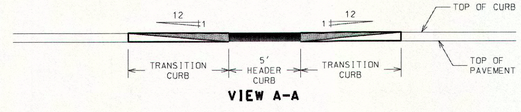
CITY OF ROCHESTER

SIDEWALK ACCESS RAMP TYPE F

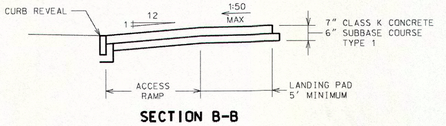
ISSUED	3-21-94	NON-STANDARD
REVISED	5-1-13	DWG.NO.S608-14



ACCESS RAMP TYPE G ISOMETRIC



VIEW A-A



SECTION B-B

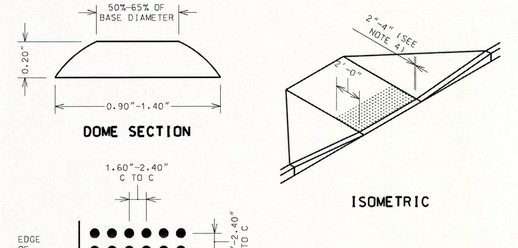
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. ENTIRE AREA OF ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
4. SEE DETAIL S608-28 FOR DETECTABLE WARNING SYSTEM.

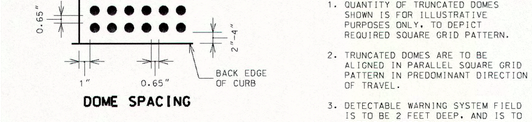
CITY OF ROCHESTER

SIDEWALK ACCESS RAMP TYPE G

ISSUED	3-21-94	NON-STANDARD
REVISED	5-1-13	DWG.NO.S608-15



DOME SECTION



DOME SPACING

SECTION FOR EMBEDDED OR PRECAST BRICK WARNING UNIT

ISOMETRIC

NOTES:

1. QUANTITY OF TRUNCATED DOMES SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY. TO DEPICT REQUIRED SQUARE GRID PATTERN.
2. TRUNCATED DOMES ARE TO BE ALIGNED IN PARALLEL SQUARE GRID PATTERN IN PREDOMINANT DIRECTION OF TRAVEL.
3. DETECTABLE WARNING SYSTEM FIELD IS TO BE 2 FEET DEEP, AND IS TO EXTEND ACROSS FULL WIDTH OF SIDEWALK ACCESS RAMP, BUT NOT UP SIDE FLARES.
4. DETECTABLE WARNING SYSTEM FIELD IS TO BE LOCATED SUCH THAT OUTER EDGE OF WARNING FIELD NEAREST TO STREET IS 2 TO 4 INCHES OFF BACK EDGE OF CURB.
5. ENTIRE DETECTABLE WARNING SYSTEM FIELD INCLUDING TRUNCATED DOMES, IS TO BE DARK GRAY IN COLOR, PER MUNSELL BOOK NOTATION 10BG 3/1, FEDERAL STANDARD 595B NUMBER 36081 OR DARKER, OR APPROVED EQUIVALENT.

CITY OF ROCHESTER

DETECTABLE WARNING SYSTEM AT CURB

ISSUED	1-23-03	NON-STANDARD
REVISED	5-1-13	DWG.NO.S608-28

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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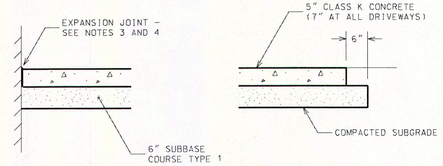
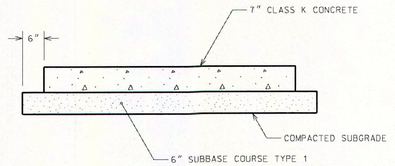
Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C.

DRAWING NO.
CD-16
SHEET 25 OF 50
WENDEL JOB NUMBER
22134062



ADJACENT TO WALL OR BUILDING SIDEWALK

ADJACENT TO LAWN AREA



DRIVEWAY

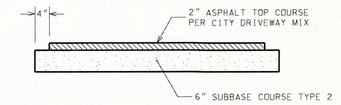
NOTES:

1. MAXIMUM CROSS-SLOPE OF CONCRETE SIDEWALK IS 1:50.
2. ENTIRE AREA OF SIDEWALK ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
3. PROVIDE ½INCH WIDE EXPANSION JOINT BETWEEN NEW CONCRETE CONSTRUCTION AND BACK EDGE CURB, CONCRETE GUTTER, OTHER PAVED AREAS, BUILDINGS, WALLS, POLE BASES AND OTHER STRUCTURES/APPURTENANCES.
4. FOR EXPANSION JOINT USE ½INCH WIDE PREMOULDED EXPANSION JOINT MATERIAL, SEALED WITH ½INCH WIDE CAULKING SEALANT ⅝INCH DEEP.
5. SEE DETAILS S608-25 FOR HEAVY-DUTY COMMERCIAL DRIVEWAY PAVEMENT SECTION.

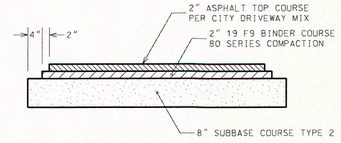
CITY OF ROCHESTER

CONCRETE SIDEWALK AND DRIVEWAY

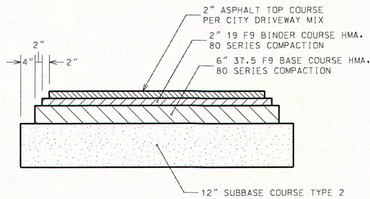
ISSUED	9-2-91	STANDARD
REVISED	5-1-13	DWG.NO.R608-6



LIGHT DUTY



MEDIUM DUTY

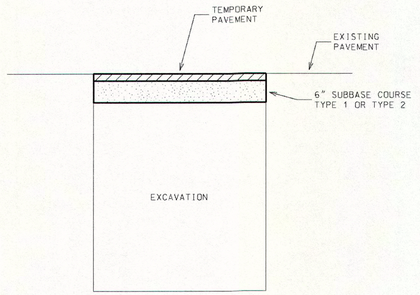


HEAVY DUTY

CITY OF ROCHESTER

ASPHALT DRIVEWAY

ISSUED	9-2-91	STANDARD
REVISED	7-31-12	DWG.NO.R608-7



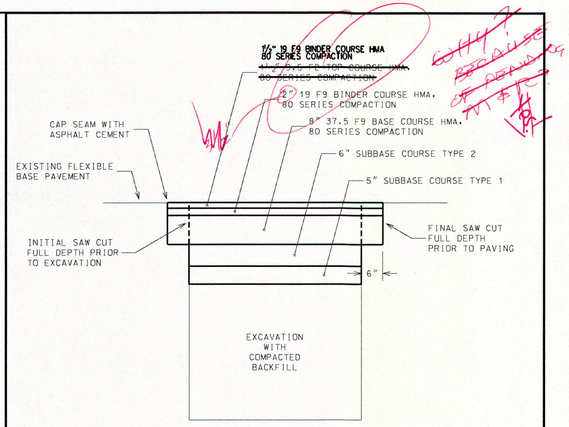
NOTES:

1. TEMPORARY PAVEMENT MATERIAL IS TO BE 2 INCHES TYPE 19 F9 BINDER COURSE HMA 80 SERIES COMPACTION, OR RECYCLED ASPHALT. ASPHALT COLD PATCH AND UNTREATED MILLING MATERIALS ARE NOT ACCEPTABLE FOR USE AS TEMPORARY PAVEMENT.
2. DURING WINTER SEASON (NOVEMBER 1 THRU APRIL 14), IF HMA MATERIAL IS NOT AVAILABLE, USE CLASS F CONCRETE FOR TEMPORARY PAVEMENT. CONCRETE IS TO BE 4 INCHES THICK FOR ARTERIAL AND COLLECTOR STREETS, AND 3 INCHES THICK FOR RESIDENTIAL STREETS AND ALLEYS, AND IS TO BE BROOM FINISHED.
3. TEMPORARY PAVEMENT IS TO BE PLACED WITHIN 24 HOURS OF BACKFILLING EXCAVATION.
4. TEMPORARY PAVEMENT MATERIAL IS TO BE COMPACTED TO PROVIDE FIRM AND SMOOTH SURFACE.

CITY OF ROCHESTER

TEMPORARY PAVEMENT

ISSUED	9-2-91	STANDARD
REVISED	7-31-12	DWG.NO.R412-1



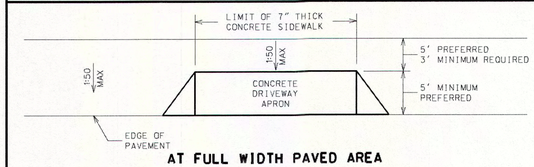
NOTES:

1. FINAL SAW CUT IS TO BE FULL DEPTH TO OBTAIN STRAIGHT AND NEAT EDGE FOR PAVING. SAW CUT IS TO BE MADE AFTER TRENCH IS BACKFILLED.
2. BOTTOM OF ASPHALT BASE COURSE IS TO BE AT OR BELOW BOTTOM OF EXISTING ASPHALT PAVEMENT SECTION TO PROVIDE FOR REQUIRED MINIMUM THICKNESSES OF ASPHALT COURSES. MINIMUM THICKNESS OF ASPHALT BASE COURSE IS:
   HEAVY-DUTY PAVEMENT – 8 INCHES
   MEDIUM-DUTY PAVEMENT – 3 INCHES
   LIGHT-DUTY PAVEMENT – 0 INCHES
3. TACK COAT IS TO BE APPLIED BETWEEN ALL LIFTS OF HMA PAVEMENT COURSES.
4. SEAMS BETWEEN EXISTING AND NEW PAVEMENT ARE TO BE SEALED WITH ASPHALT CEMENT 702-0700 IN ACCORDANCE WITH NYSDOT SECTION 702 BITUMINOUS MATERIALS.

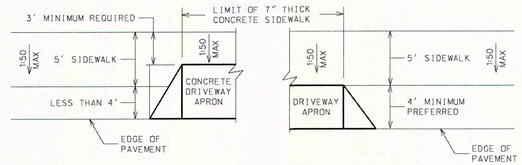
CITY OF ROCHESTER

TRENCH RESTORATION ASPHALT BASE

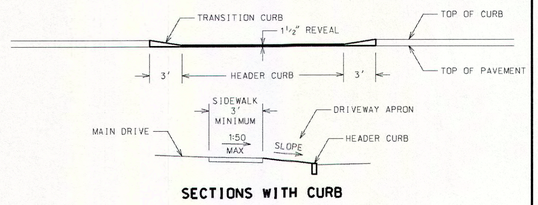
ISSUED	9-2-91	STANDARD
REVISED	7-31-12	DWG.NO.R206-1



AT FULL WIDTH PAVED AREA



AT LAWN AREA



SECTIONS WITH CURB

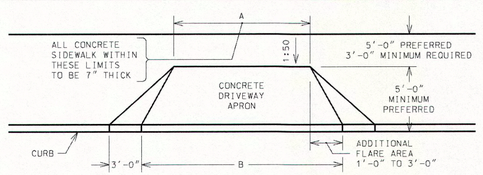
NOTES:

1. NOMINAL RESIDENTIAL DRIVEWAY APRON WIDTH IS TO BE BETWEEN 10 FEET AND 15 FEET, NOT INCLUDING TRANSITION AREAS. ACTUAL WIDTH WILL BE AS APPROVED OF BY CITY.
2. NOMINAL MAXIMUM WIDTH OF COMMERCIAL DRIVEWAY APRON IS TO BE 24 FEET. ACTUAL WIDTH WILL BE AS APPROVED OF BY CITY.

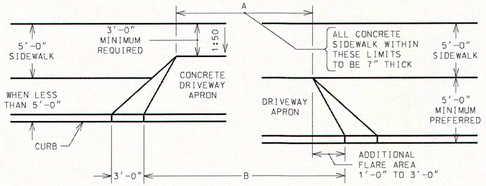
CITY OF ROCHESTER

DRIVEWAY APRON

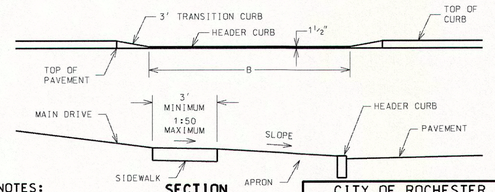
ISSUED	9-2-91	STANDARD
REVISED	7-31-12	DWG.NO.R608-5



FULL WIDTH SIDEWALK AREA



w/LAWN AREA



SECTION

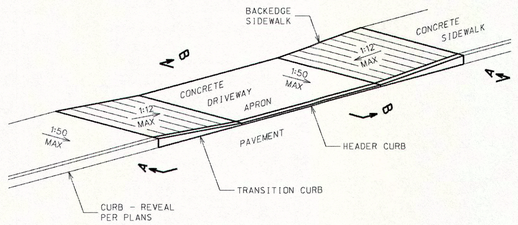
NOTES:

1. DIMENSIONS "A" AND "B" WILL BE AS APPROVED BY THE CITY.
2. FOR RESIDENTIAL DRIVEWAYS "A" WILL BE 10 FEET MINIMUM AND 15 FEET MAXIMUM. FOR COMMERCIAL DRIVEWAYS "A" WILL BE 24 FEET MAXIMUM.
3. DIMENSION "B" WILL BE DIMENSION "A" PLUS 1 FOOT TO 3 FEET ADDITIONAL TAPER, EACH SIDE.

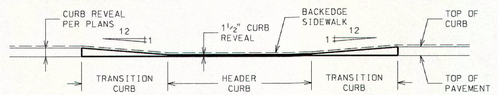
CITY OF ROCHESTER

DRIVEWAY APRON WITH FLARE

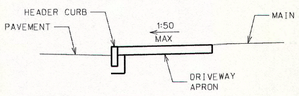
ISSUED	2-10-00	NON-STANDARD
REVISED	7-29-11	DWG.NO.S608-23



PLAN ISOMETRIC



VIEW A-A



SECTION B-B

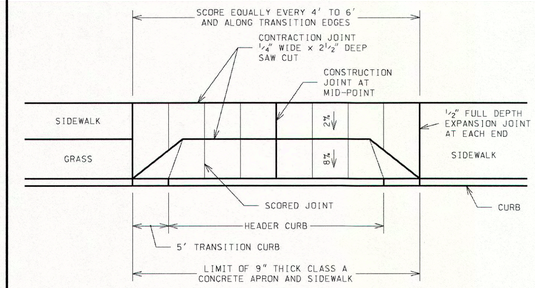
NOTES:

1. MAXIMUM SLOPE OF DRIVEWAY APRON IS 1:50.
2. SURFACE OF DRIVEWAY APRON AND SIDE FLARES IS TO BE STABLE, FIRM AND SLIP-RESISTANT. (i.e. COARSE BROOM FINISH PERPENDICULAR TO SLOPE IS ACCEPTABLE).
3. DRIVEWAY APRON AND SIDE FLARES PAVEMENT SECTION IS TO BE 7 INCHES THICK CONCRETE.

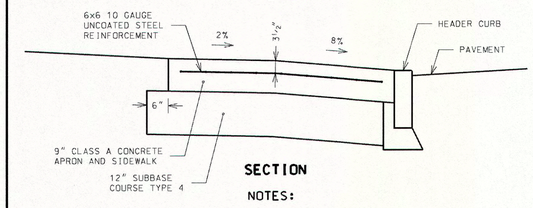
CITY OF ROCHESTER

DEPRESSED SIDEWALK AND DRIVEWAY - ATTACHED SIDEWALK

ISSUED	2-10-00	NON-STANDARD
REVISED	7-31-12	DWG.NO.S608-22



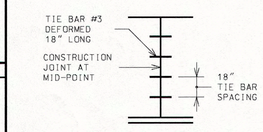
PLAN



SECTION

NOTES:

1. THIS DRIVEWAY SECTION IS TO BE USED ONLY WHERE DAILY VOLUME OF OVERSIZED VEHICLES REQUIRES ADDITIONAL STRUCTURAL SUPPORT, AND ONLY WHERE APPROVED FOR USE BY THE CITY.
2. WIDTH OF DRIVEWAY AND LENGTH OF HEADER CURB WILL BE AS APPROVED BY THE CITY.



CONSTRUCTION JOINT DETAIL

CITY OF ROCHESTER

HEAVY-DUTY COMMERCIAL CONCRETE DRIVEWAY

ISSUED	2-10-00	NON-STANDARD
REVISED	3-25-06	DWG.NO.S608-25

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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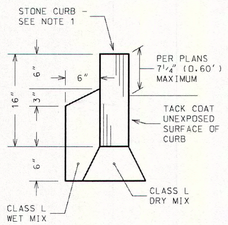
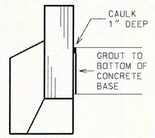
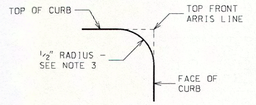
DRAWING NO.
CD-17
SHEET 26 OF 50
WENDEL JOB NUMBER
22134062



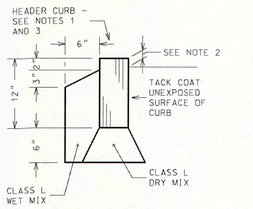
STONE CURB



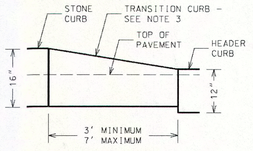
STONE CURB AT RIGID PAVEMENT



CURB FOR DRIVEWAY



HEADER CURB

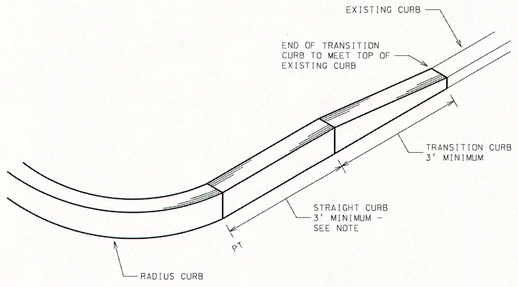


TRANSITION CURB

NOTES:

1. TOP OF CURB THICKNESS IS TO BE AS REQUIRED IN CONTRACT DOCUMENTS.
2. CURB REVEAL FOR HEADER CURB AT DRIVEWAY APRONS IS 1½INCHES. AT SIDEWALK ACCESS RAMPS 0 INCHES.
3. ONLY TRANSITION AND HEADER CURB PIECES USED FOR DRIVEWAYS ARE TO BE ROUNDED.

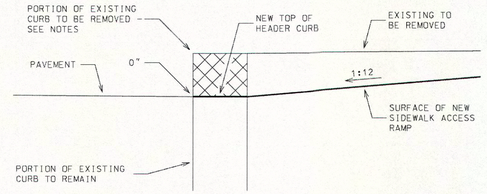
CITY OF ROCHESTER	
STONE CURB	
ISSUED 9-2-91	STANDARD
REVISED 2-25-14	DWG.NO.R609-1



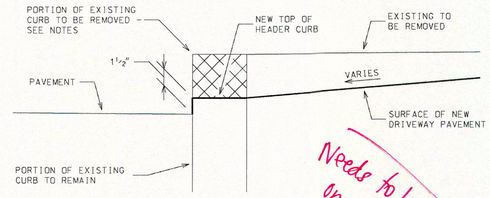
NOTE:

LENGTH OF STRAIGHT CURB WILL BE AS REQUIRED IN CONTRACT DOCUMENTS. WITH 3 FEET MINIMUM.

CITY OF ROCHESTER	
NEW CURB TRANSITION TO EXISTING CURB	
ISSUED 9-2-91	STANDARD
REVISED 12-30-11	DWG.NO.R609-7



SIDEWALK ACCESS RAMP



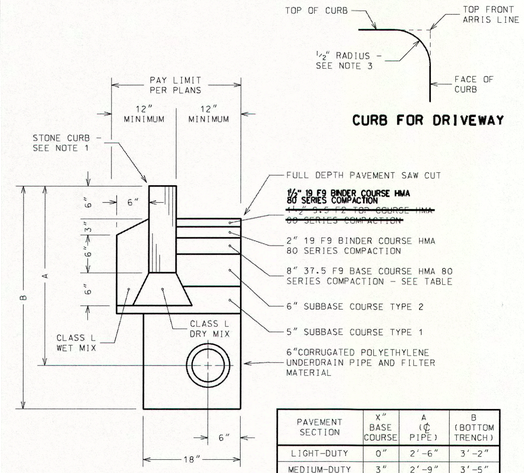
DRIVEWAY

Needs to be identified on plans!! where will it be used??

NOTES:

1. RESHAPE TOP OF EXISTING CURB BY SAW CUTTING HORIZONTALLY WITH POWER SAW. SAW CUT FULL WIDTH OF CURB. ALONG NEAT STRAIGHT LINES.
2. TOP OF CURB IS TO BE SAW CUT EITHER FLAT ACROSS, OR ON 1:12 SLOPE.
3. TOP OF CURB IS TO BE MILLED OR GROUND FINISHED TO SMOOTH SURFACE FREE FROM BURRS. NICKS OR OTHER MARKINGS OR DAMAGE FROM SAW CUTTING OPERATION.
4. CURB JOINTS ARE TO BE RE-POINTED WITH MASONRY MORTAR MIX.

CITY OF ROCHESTER	
MODIFY EXISTING CURB	
ISSUED 4-7-95	NON-STANDARD
REVISED 2-25-14	DWG.NO.S609-9



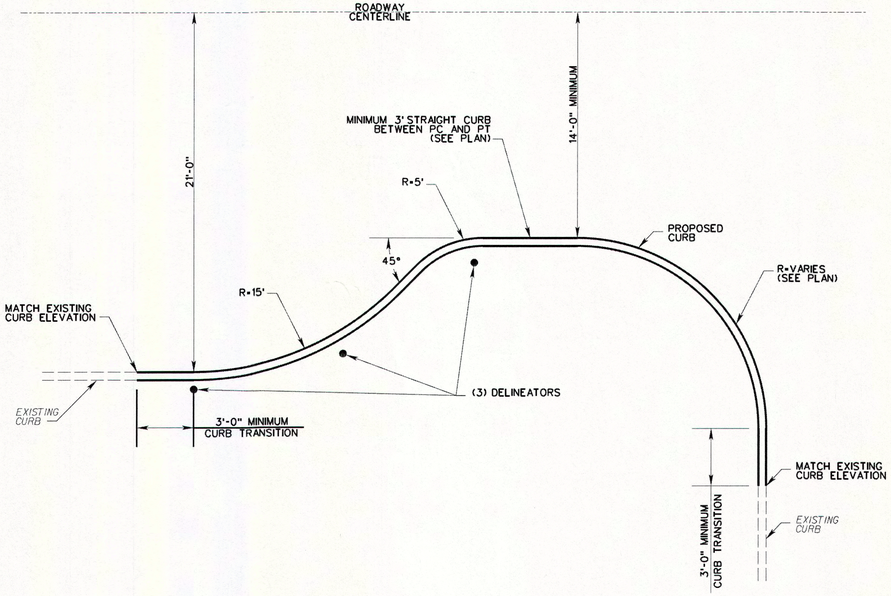
CURB FOR DRIVEWAY

PAVEMENT SECTION	X" BASE COURSE	A (℄ PIPE)	B (BOTTOM TRENCH)
LIGHT-DUTY	0"	2'-6"	3'-2"
MEDIUM-DUTY	3"	2'-9"	3'-5"
MODIFIED	6"	2'-11"	3'-7"
HEAVY-DUTY	8"	3'-1"	3'-9"

NOTES:

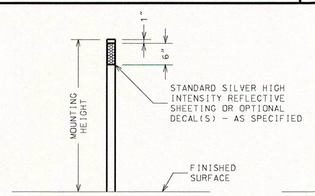
1. TOP OF CURB THICKNESS IS TO BE AS REQUIRED IN CONTRACT DOCUMENTS.
2. CURB REVEAL FOR HEADER CURB AT DRIVEWAY APRONS IS 1½INCHES. AT SIDEWALK ACCESS RAMPS 0 INCHES.
3. ONLY HEADER AND TRANSITION CURB PIECES USED FOR DRIVEWAYS ARE TO BE ROUNDED.
4. TACK COAT TO BE APPLIED BETWEEN ALL LIFTS OF HMA COURSES.
5. PAVEMENT SEAMS TO BE SEALED WITH BITUMINOUS SEALER IN ACCORDANCE WITH NYSDOT MATERIAL DESIGNATION 702-0700.

CITY OF ROCHESTER	
STONE CURB REPLACEMENT - ASPHALT BASE	
ISSUED 12-30-11	NON-STANDARD
REVISED 2-25-14	DWG.NO.S609-16



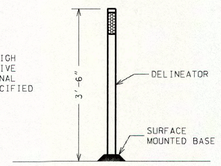
INTERSECTION BUMP-OUT DETAIL

NOT TO SCALE



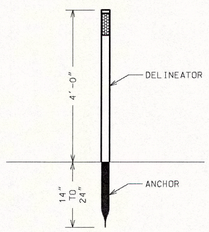
FLEXIBLE 2¼" DIAMETER YELLOW POLYETHYLENE PLASTIC TUBULAR POST WITH RECESSED CAP AND 1¾" INNER REINFORCEMENT TUBE

DELINEATOR



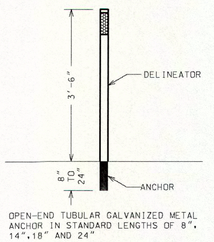
THERMOPLASTIC PIN-LOCK SURFACE MOUNTED BASE - APPLY BASE TO PAVEMENT WITH CONCRESSIVE EPOXY

SURFACE MOUNT



CLOSED-END DRIVE ABLE TUBULAR GALVANIZED METAL SOIL ANCHOR IN STANDARD LENGTHS OF 14",18" AND 24"

SOIL ANCHOR



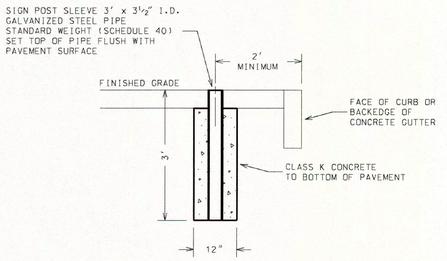
OPEN-END TUBULAR GALVANIZED METAL ANCHOR IN STANDARD LENGTHS OF 8", 14",18" AND 24"

PAVEMENT ANCHOR

NOTE:

DELINEATOR TO BE TWO PIECE FLEXIBLE POLYETHYLENE PLASTIC ROUND POST FEATURING SELF-LOCKING SYSTEM FOR QUICK INSTALLATION PER SAFE-HIT TYPE 3 CHANNELIZER OR APPROVED EQUIVALENT.

CITY OF ROCHESTER	
DELINEATOR	
ISSUED 8-21-08	NON-STANDARD
REVISED 7-31-12	DWG.NO.S646-1



NOTE:

EXACT LOCATION OF SIGN POST SLEEVE WILL BE AS DETERMINED AT TIME OF CONSTRUCTION BY MONROE COUNTY DEPARTMENT OF TRANSPORTATION.

CITY OF ROCHESTER	
SIGN POST SLEEVE	
ISSUED 9-2-91	STANDARD
REVISED 7-31-12	DWG.NO.R643-3

REVISIONS

NO.	DESCRIPTION	DATE	BY

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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WENDEL JOB NUMBER
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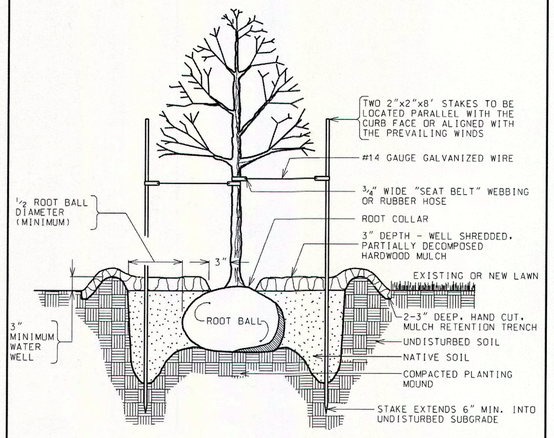
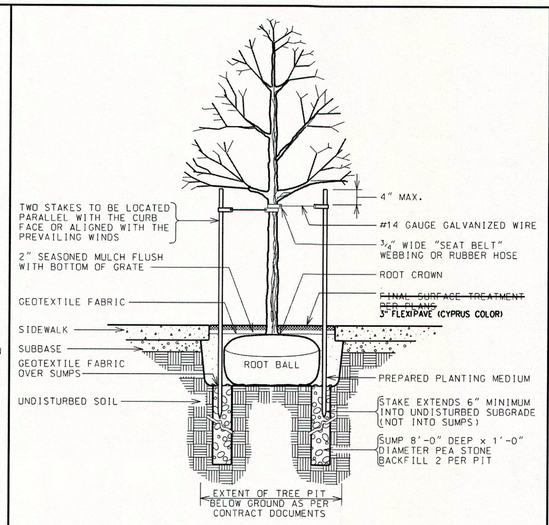
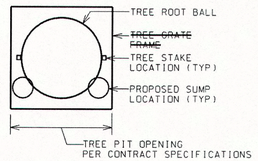
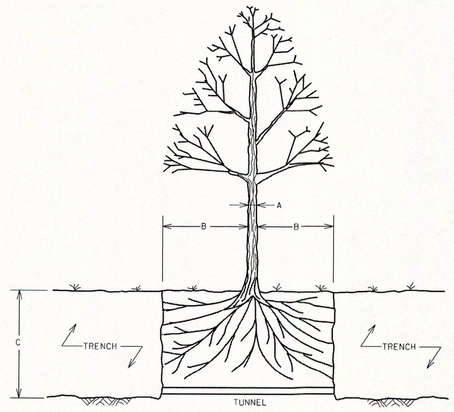






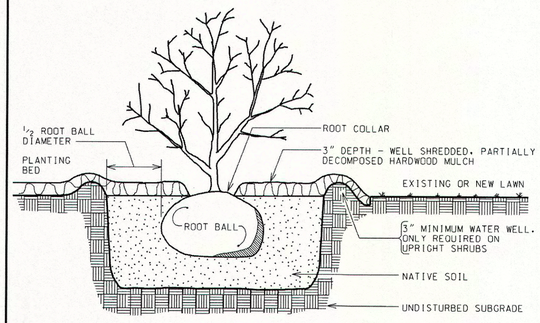
PLAN



TREE DIAMETER "A" (DBH)	DISTANCE OF TUNNEL AND FENCING FROM FACE OF TREE TRUNK EACH SIDE "B"	RECOMMENDED DEPTH OF TUNNEL OR TRENCH "C"
LESS THAN 10"	6'	2½'
10" - 14"	10'	3'
15" - 19"	12'	3½'
20" OR MORE	15'	4'

NOTES:

1. OPEN TRENCHING IN THE ROOT ZONE AREA OF A PUBLIC TREE IS PROHIBITED EXCEPT IN CASES WHERE THE TRENCHING FALLS OUTSIDE THE CANOPY OF THE TREE INVOLVED. IN SOME INSTANCES, EXCEPTIONS MAY BE ALLOWED IF IN THE OPINION OF THE CITY THE IMPACT OF TRENCHING UPON THE TREE WILL BE NEGLIGIBLE.
2. BEFORE COMMENCING WORK WITHIN THE TREE PROTECTION ZONE - AUTHORIZATION IS REQUIRED FROM A REPRESENTATIVE OF THE CITY FORESTER'S OFFICE.



CITY OF ROCHESTER

TREE PLANTING IN LAWN AREA

ISSUED 9-2-91	STD. DWG.
REVISED 2-10-00	NO. R611-1

CITY OF ROCHESTER

TREE PLANTING IN PAVED AREA

ISSUED 9-2-91	STD. DWG.
REVISED 2-10-00	NO. R611-2

CITY OF ROCHESTER

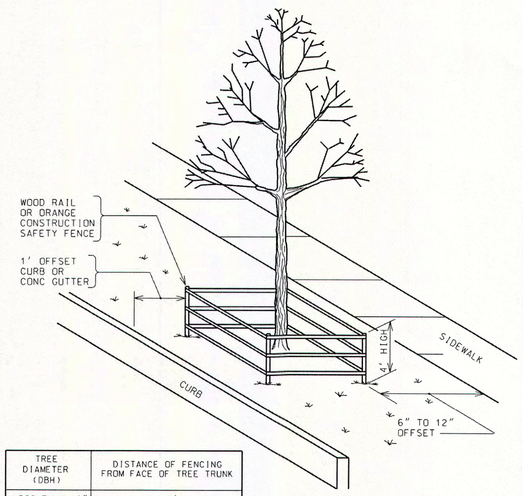
UTILITY TRENCH AT EXISTING TREE

ISSUED 11-20-92	NON-STANDARD
REVISED 7-1-93	DWG.NO.S617-2

CITY OF ROCHESTER

SHRUB PLANTING

ISSUED 9-2-91	STD. DWG.
REVISED 2-10-00	NO. R611-3



TREE DIAMETER (DBH)	DISTANCE OF FENCING FROM FACE OF TREE TRUNK
LESS THAN 10"	6'
10" - 14"	10'
15" - 19"	12'
20" OR MORE	15'

NOTE:

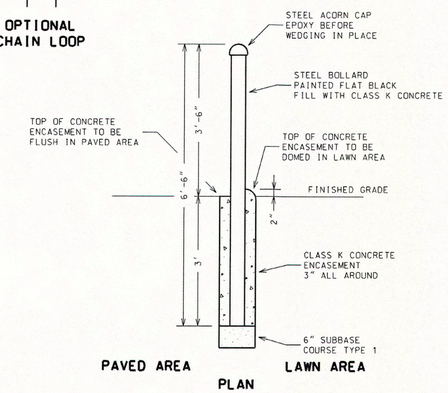
1. ALL TREES WITHIN THE PROJECT LIMITS THAT ARE TO REMAIN ARE TO RECEIVE THIS TREATMENT.
2. DO NOT LEAVE CONSTRUCTION EQUIPMENT RUNNING (IDLING) UNDER TREE CANOPY.

CITY OF ROCHESTER

TREE PROTECTION

ISSUED 11-20-92	NON-STANDARD
REVISED 7-1-93	DWG.NO.S617-1

OPTIONAL CHAIN LOOP



PLAN

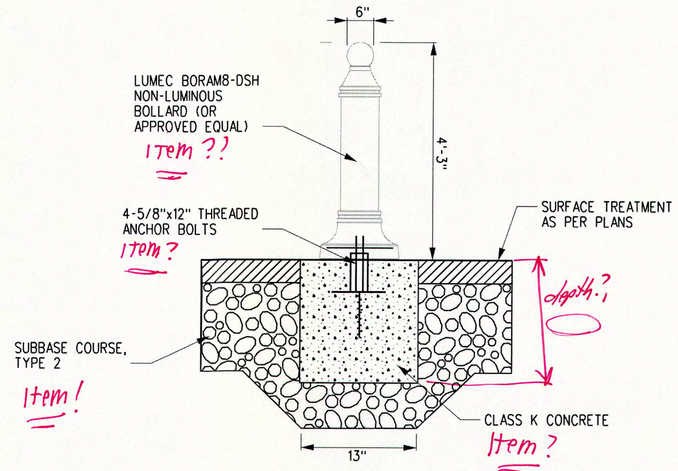
NOTE:

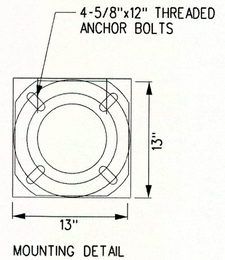
STEEL BOLLARD TO BE 4 OR 6 INCH O.D. EXTRA STRENGTH GALVANIZED STEEL PIPE.

CITY OF ROCHESTER

STEEL BOLLARD

ISSUED 9-2-91	STANDARD
REVISED 7-31-12	DWG.NO.R615-1





MOUNTING DETAIL

NOTE:
1. EXCAVATION, FOUNDATION, AND BACKFILL TO BE INCLUDED IN ITEM S615.98

Where is the detailed spec.??

missing spec??!!

DECORATIVE METAL BOLLARD - ITEM S615.98

NOT TO SCALE

REVISIONS

NO.	DATE	DESCRIPTION	BY

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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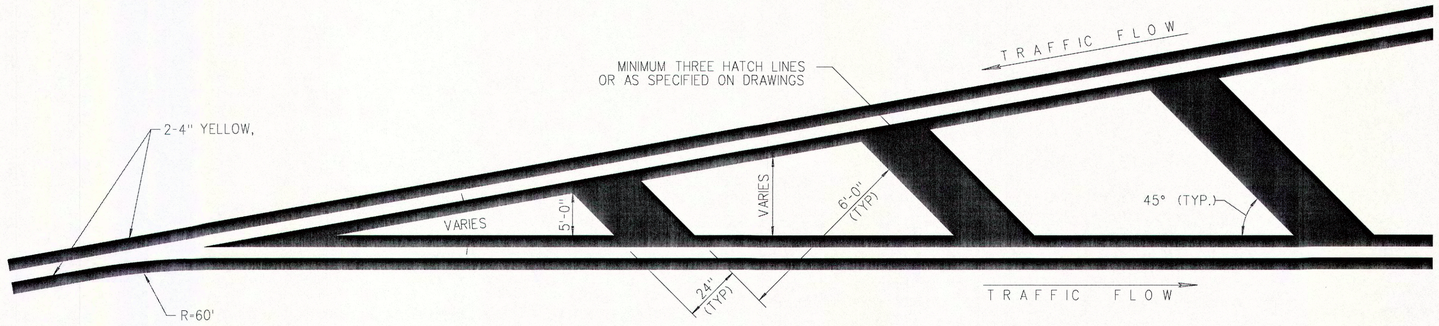
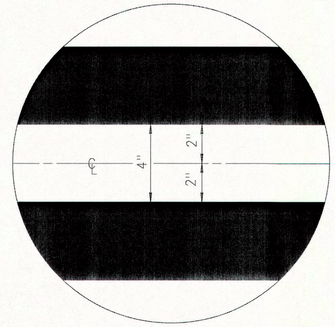
DRAWING NO.
CD-19
SHEET 28 OF 50

WENDEL JOB NUMBER
22134062



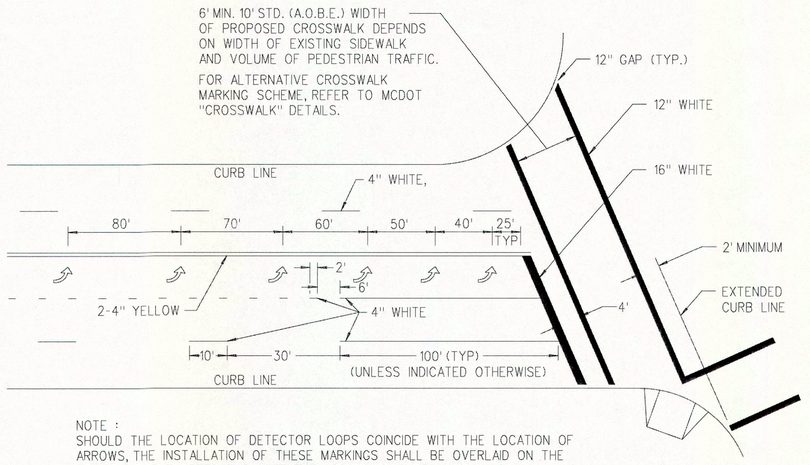
BEGINNING OF MEDIANS-STRIPING TREATMENT

NOT TO SCALE



DOUBLE YELLOW CENTERLINE

NOT TO SCALE



NOTE :
SHOULD THE LOCATION OF DETECTOR LOOPS COINCIDE WITH THE LOCATION OF ARROWS, THE INSTALLATION OF THESE MARKINGS SHALL BE OVERLAID ON THE NEW PAVEMENT AFTER THE DETECTOR LOOPS HAVE BEEN INSTALLED.

PAVEMENT MARKINGS AT INTERSECTION

NOT TO SCALE

NOTE:

1. PERMANENT PAVEMENT MARKINGS, AS SHOWN ON THESE DETAILS, ARE TO BE INSTALLED BY OTHERS IN CONJUNCTION WITH THE FUTURE PAVEMENT MAINTENANCE, MILLING AND RESURFACING PROJECT ON PORTLAND AVENUE. ONLY PAY ITEMS FOR TEMPORARY STRIPING, AS NEEDED, ARE INCLUDED IN THIS PROJECT.

DATE: JUNE 2015
SCALE: AS NOTED
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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DRAWING NO.
CD-20
SHEET 29 OF 50
WENDEL JOB NUMBER
22134062

WATER SERVICES TABLE

CENTERLINE STATION AND OFFSET	ADDRESS	EXISTING SERVICE			DISPOSTION	PROPOSED SERVICE			DEPTH OF EXIST. WATER MAIN AT EXIST. TAP LOCATION (APPROXIMATE)	ITEM NO.
		SIZE	MATERIAL	STATUS		SIZE	MATERIAL	LENGTH (LF)		
71 + 72 RT	826 PORTLAND	UNKNOWN	UNKNOWN	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A				S914.20
72 + 22 LT	833-835 PORTLAND AVE	5/8"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	37	4 - 5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
72 + 63 LT	845 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	33	4 - 5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
72 + 79 RT	852-854 PORTLAND AVE	5/8"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	16	4 - 5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
73 + 17 RT	856 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	14	4 - 5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
73 + 47 LT	857 PORTLAND AVE	1/2"	UNKNOWN	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	36	4 - 5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
73 + 72 RT	858 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	17	4 - 5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
73 + 97 RT ★	860 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	18	4 - 5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
74 + 53 RT	870 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	15	3.5 - 4.5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
75 + 08 RT	870-A PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			3.5 - 4.5 FT	S914.20
75 + 19 LT	873-877 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	34	3.5 - 4.5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
75 + 47 LT	883-887 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	34	3.5 - 4.5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
75 + 52 LT	883-887 PORTLAND AVE	2"	COPPER	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	2"	COPPER	34	3.5 - 4.5 FT	S912.020200, ~~S912.05~~, S913.050200, S914.020200, S966.0305
76 + 46 RT	892-902 PORTLAND AVE	5/8"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	17	4.2 - 5.0 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
76 + 96 RT	898-902 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	18	4.2 - 5.0 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
77 + 42 RT	906-908 PORTLAND AVE	UNKNOWN	UNKNOWN	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	20	4.2 - 5.0 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
77 + 65 LT	927 PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.2 - 5.0 FT	S914.20
77 + 87 RT ★	910-912 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	16	4.2 - 5.0 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
77 + 91 LT	929 PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.2 - 5.0 FT	S914.20
78 + 28 RT	920 PORTLAND AVE	5/8"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	16	4.2 - 5.0 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
78 + 40 LT	923 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	32	4.2 - 5.0 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
78 + 69 LT	931 PORTLAND AVE	1/2"	COPPER	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.2 - 5.0 FT	S914.20
79 + 27 LT	925 PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.2 - 5 FT	S914.20
79 + 59 LT	933 PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.2 - 5 FT	S914.20
79 + 76 RT	924 PORTLAND AVE	5/8"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.2 - 5 FT	S914.20
80 + 24 RT	930 PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.2 - 5 FT	S914.20
80 + 52 RT	936 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	16	4.2 - 5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
80 + 91 RT	954 PORTLAND AVE	5/8"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	16	4.2 - 5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100
81 + 32 RT ★	960 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	16	4.5 - 5 FT	S912.020100, ~~S912.05~~, S913.150100, S914.020100

★ CONTRACTOR IS DIRECTED TO INSTALL NEW WATER SERVICE VIA TUNNELING METHOD TO AVOID DAMAGE TO EXISTING TREES.

COMMENT
WHERE NEW CWM IS BEING INSTALLED & EXIST WS ARE BEING TIED INTO THE NEW CWM - ~~THE EXISTING~~ THERE IS NO SEPARATE PAYMENT TO ABANDON WS TAP - TAPS ARE COST ASSOC WITH THE EXIST CWM
~~WHERE APPLICABLE~~ ONLY PAY ABANDON WS TAP ON EXIST CWM THAT REMAINS IN SERVICE

ITEM NO.	DESCRIPTION	UNIT
S912.020100	NEW 1" WATER SERVICE TAP AT WATER MAIN, CORPORATION STOP AND CONNECTION (INCLUDING EXCAVATION AND BACKFILL)	EA
S912.020200	NEW 2" WATER SERVICE TAP AT WATER MAIN, CORPORATION STOP AND CONNECTION (INCLUDING EXCAVATION AND BACKFILL)	EA
S912.05	ABANDON EXISITNG WATER SERVICE AT TAP (INCLUDING EXCAVATION AND BACKFILL)	EA
S913.~~050200~~ 020200	NEW 2" COPPER WATER SERVICE ~~AT EXISTING APPURTENANCES~~ (INCLUDING EXCAVATION AND BACKFILL)	LF
S913.~~150100~~ 120100	NEW 1" POLYETHYLENE WATER SERVICE ~~AT EXISTING APPURTENANCES~~ (INCLUDING EXCAVATION AND BACKFILL)	LF
S914.020100	FURNISH AND INSTALL NEW 1" CURB STOP AND BOX AT NEW WATER SERVICE (INCLUDING EXCAVATION AND BACKFILL)	EA
S914.020200	FURNISH AND INSTALL NEW 2" CURB STOP AND BOX AT NEW WATER SERVICE (INCLUDING EXCAVATION AND BACKFILL)	EA
S914.20	REMOVE EXISTING CURB BOX ASSEMBLY (INCLUDING EXCAVATION AND BACKFILL)	EA
S966.0305	5 POUND MAGNESIUM ANODE	EA

NOTES:

1. PRIOR TO COMMENCING WORK, CONTRACTOR IS TO VERIFY LOCATION AND DISPOSTION OF ALL WATER SERVICE WORK.
2. TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER SERVICES.
3. CONTRACTOR TO PROVIDE WATER SERVICE LOCATION CARD FOR ALL NEW WATER SERVICES. SEE DETAIL 2 ON DWG CD-2.

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION TABLES

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DRAWING NO. CT-1
SHEET 30 OF 50
WENDEL JOB NUMBER 22134062

WATER SERVICES TABLE

CENTERLINE STATION AND OFFSET	ADDRESS	EXISTING SERVICE			DISPOSTION	PROPOSED SERVICE			DEPTH OF EXISTING WATER MAIN AT TAP LOCATION (APPROXIMATE)	ITEM NO.
		SIZE	MATERIAL	STATUS		SIZE	MATERIAL	LENGTH (LF)		
81 + 61 LT *	957 PORTLAND AVE	5/8"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	32	4.5 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
81 + 81 RT *	964 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	15	4.5 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
82 + 02 LT	971 PORTLAND AVE	5/8"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.5 - 5 FT	S914.20
82 + 19 RT	968 PORTLAND AVE	5/8"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	15	4.5 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
82 + 51 LT	973-975 PORTLAND AVE	5/8"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	33	4.5 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
83 + 02 LT	983 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	32	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
83 + 47 LT	997 PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.7 - 5 FT	S914.20
83 + 57 RT	982-986 PORTLAND AVE	5/8"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.7 - 5 FT	S914.20
84 + 08 RT *	996 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	15	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
84 + 42 RT	998-1002 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	16	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
84 + 81 LT	1001-1005 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	32	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
84 + 88 RT *	1004 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	16	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
85 + 15 LT	1009 PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.7 - 5 FT	S914.20
85 + 22 RT	1010 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	16	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
85 + 64 RT	1014 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	15	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
85 + 66 LT	1013-1015 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	36	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
86 + 02 LT	1025-1027 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	36	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
86 + 12 RT	1020 PORTLAND AVE	5/8"	COPPER	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	14	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
86 + 37 LT	1027-A PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.7 - 5 FT	S914.20
86 + 61 LT	1029-1033 PORTLAND AVE	3/4"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	34	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
87 + 06 LT	1037 PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.7 - 5 FT	S914.20
87 + 63 RT	1036 PORTLAND AVE	5/8"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.7 - 5 FT	S914.20
87 + 75 RT	1040 PORTLAND AVE	5/8"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	16	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
88 + 05 RT	1040-A PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			4.7 - 5 FT	S914.20
88 + 05 LT	1055-1057 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	33	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
89 + 32 RT	1056 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	14	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
88 + 47 LT *	1059 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	32	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
88 + 90 LT	1063 PORTLAND AVE	3/4"	COPPER	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	31	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100

* CONTRACTOR IS DIRECTED TO INSTALL NEW WATER SERVICE VIA TUNNELING METHOD TO AVOID DAMAGE TO EXISTING TREES.

SEE CT-1

ITEM NO.	DESCRIPTION	UNIT
S912.020100	NEW 1" WATER SERVICE TAP AT WATER MAIN, CORPORATION STOP AND CONNECTION (INCLUDING EXCAVATION AND BACKFILL)	EA
S912.020200	NEW 2" WATER SERVICE TAP AT WATER MAIN, CORPORATION STOP AND CONNECTION (INCLUDING EXCAVATION AND BACKFILL)	EA
S912.05	ABANDON EXISITNG WATER SERVICE AT TAP (INCLUDING EXCAVATION AND BACKFILL)	EA
S913.050200	NEW 2" COPPER WATER SERVICE AT EXISTING APPURTENANCES (INCLUDING EXCAVATION AND BACKFILL)	LF
S913.150100	NEW 1" POLYETHYLENE WATER SERVICE AT EXISTING APPURTENANCES (INCLUDING EXCAVATION AND BACKFILL)	LF
S914.020100	FURNISH AND INSTALL NEW 1" CURB STOP AND BOX AT NEW WATER SERVICE (INCLUDING EXCAVATION AND BACKFILL)	EA
S914.020200	FURNISH AND INSTALL NEW 2" CURB STOP AND BOX AT NEW WATER SERVICE (INCLUDING EXCAVATION AND BACKFILL)	EA
S914.20	REMOVE EXISTING CURB BOX ASSEMBLY (INCLUDING EXCAVATION AND BACKFILL)	EA
S966.0305	5 POUND MAGNESIUM ANODE	EA

NOTES:

1. PRIOR TO COMMENCING WORK, CONTRACTOR IS TO VERIFY LOCATION AND DISPOSTION OF ALL WATER SERVICE WORK.
2. TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER SERVICES.
3. CONTRACTOR TO PROVIDE WATER SERVICE LOCATION CARD FOR ALL NEW WATER SERVICES. SEE DETAIL 2 ON DWG CD-2.

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION TABLES

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NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW. ANY ALTERATIONS SHALL BE ACCOMPANIED BY THE SEAL AND SIGNATURE OF THE ENGINEER, LAND SURVEYOR, ARCHITECT, LANDSCAPE ARCHITECT RESPONSIBLE FOR SAID ALTERATION WITH THE STATEMENT "ALTERED BY" FOLLOWED BY A DESCRIPTION OF THE ALTERATIONS MADE

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DRAWING NO. CT-2
SHEET 31 OF 50

WENDEL JOB NUMBER 22134062

WATER SERVICES TABLE

CENTERLINE STATION AND OFFSET	ADDRESS	EXISTING SERVICE			DISPOSTION	PROPOSED SERVICE			DEPTH OF EXIISTING WATER MAIN AT TAP LOCATION (APPROXIMATE)	ITEM NO.
		SIZE	MATERIAL	STATUS		SIZE	MATERIAL	LENGTH		
89 + 70 LT	1071-1073 PORTLAND AVE	3/4"	COPPER	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	30	4.7 - 5 FT	S912.020100, S912.05, S913.150100, S914.020100
89 + 73 RT	1074 PORTLAND AVE	5/8"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	17	4.7 - 5.7 FT	S912.020100, S912.05, S913.150100, S914.020100
90 + 21 RT	1080 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	18	4.7 - 5.7 FT	S912.020100, S912.05, S913.150100, S914.020100
90 + 47 LT	1087 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	28	4.7 - 5.7 FT	S912.020100, S912.05, S913.150100, S914.020100
90 + 71 RT	1088 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	18	4.7 - 5.7 FT	S912.020100, S912.05, S913.150100, S914.020100
90 + 87 LT	1091 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	30	4.7 - 5.7 FT	S912.020100, S912.05, S913.150100, S914.020100
91 + 12 RT *	1092 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	19	4.7 - 5.7 FT	S912.020100, S912.05, S913.150100, S914.020100
91 + 24 LT	1095 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	30	4.7 - 5.7 FT	S912.020100, S912.05, S913.150100, S914.020100
91 + 66 LT	1105 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	30	4.7 - 5.7 FT	S912.020100, S912.05, S913.150100, S914.020100
92 + 06 LT	1109 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	23	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
92 + 50 RT	1112 PORTLAND AVE	3/4"	COPPER	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	18	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
92 + 79 RT *	1116 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	19	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
93 + 14 RT	1122 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	18	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
93 + 18 LT *	1119 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	30	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
93 + 55 RT	1122-A PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			3.75 - 4.6 FT	S914.20
93 + 58 LT	1123 PORTLAND AVE	3/4"	COPPER	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	30	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
94 + 03 LT *	1129-1131 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	30	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
94 + 10 RT	1130 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	18	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
94 + 42 RT	1136 PORTLAND AVE	5/8"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			3.75 - 4.6 FT	S914.20
94 + 45 LT	1139 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	36	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
95 + 34 RT	1148 PORTLAND AVE	3/4"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	10	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
95 + 50 LT	1149-1151 PORTLAND AVE	3/4"	COPPER	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	47	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
95 + 60 RT	1154 PORTLAND AVE	1/2"	LEAD	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	10	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
95 + 88 LT	1155 PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			3.75 - 4.6 FT	S914.20
95 + 91 RT	1156-1162 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	12	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100
96 + 31 RT	1156-A PORTLAND AVE	1/2"	LEAD	RUN	REMOVE EXISTING CURB BOX ASSEMBLY	N/A			3.75 - 4.6 FT	S914.20
96 + 68 RT	1164-1168 PORTLAND AVE	1"	GALVANIZED	ACTIVE	REMOVE EXISTING CURB STOP AND BOX AND ABANDON EXISITNG SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX.	1"	PE	18	3.75 - 4.6 FT	S912.020100, S912.05, S913.150100, S914.020100

* CONTRACTOR IS DIRECTED TO INSTALL NEW WATER SERVICE VIA TUNNELING METHOD TO AVOID DAMAGE TO EXISTING TREES.

ITEM NO.	DESCRIPTION	UNIT
S912.020100	NEW 1" WATER SERVICE (TAP AT WATER MAIN, CORPORATION STOP AND CONNECTION (INCLUDING EXCAVATION AND BACKFILL)	EA
S912.020200	NEW 2" WATER SERVICE (TAP AT WATER MAIN, CORPORATION STOP AND CONNECTION (INCLUDING EXCAVATION AND BACKFILL)	EA
S912.05	ABANDON EXISITNG WATER SERVICE AT TAP (INCLUDING EXCAVATION AND BACKFILL)	EA
S913.050200	NEW 2" COPPER WATER SERVICE AT EXISTING APPURTENANCES (INCLUDING EXCAVATION AND BACKFILL)	LF
S913.150100	NEW 1" POLYETHYLENE WATER SERVICE AT EXISTING APPURTENANCES (INCLUDING EXCAVATION AND BACKFILL)	LF
S914.020100	FURNISH AND INSTALL NEW 1" CURB STOP AND BOX AT NEW WATER SERVICE (INCLUDING EXCAVATION AND BACKFILL)	EA
S914.020200	FURNISH AND INSTALL NEW 2" CURB STOP AND BOX AT NEW WATER SERVICE (INCLUDING EXCAVATION AND BACKFILL)	EA
S914.20	REMOVE EXISTING CURB BOX ASSEMBLY (INCLUDING EXCAVATION AND BACKFILL)	EA
S966.0305	5 POUND MAGNESIUM ANODE	EA

NOTES:

1. PRIOR TO COMMENCING WORK, CONTRACTOR IS TO VERIFY LOCATION AND DISPOSTION OF ALL WATER SERVICE WORK.
2. TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER SERVICES.
3. CONTRACTOR TO PROVIDE WATER SERVICE LOCATION CARD FOR ALL NEW WATER SERVICES. SEE DETAIL 2 ON DWG CD-2.

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION TABLES

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DRAWING NO. CT-3
SHEET 32 OF 50
WENDEL JOB NUMBER 22134062

WATER VALVE TABLE

STATION	OFFSET		DISPOSITION	SIZE (IN)	ITEM NO
	SIDE	DISTANCE (FT)			
71+17	LT	10.7	TEMPORARY TAPPING SLEEVE AND VALVE	12	S904.031212
71+29	LT	29.0	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	12	S909.05
L 9+55	LT	5.7	CONNECT NEW WATER MAIN TO EXISTING VALVE. REMOVE AND RE-INSTALL EXISTING VALVE BOX.	8	S907.01
L 9+60	LT	8.7	REMOVE EXISTING HYDRANT VALVE AND VALVE BOX AND PROVIDE NEW VALVE AND VALVE BOX	6	S903.0106, S917.05
L 9+70	LT	5.6	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	6	S909.05
72+17	LT	12.5	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	8	S909.05
L 10+35	LT	7.4	PROVIDE NEW VALVE AND VALVE BOX	8	S903.0108
73+81	LT	17.3	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG HYDRANT VALVE	6	S917.05
73+82	RT	18.0	PROVIDE NEW HYDRANT VALVE AND VALVE BOX	6	S903.0106
RO 9+50	RT	12.9	CONNECT NEW WATER MAIN TO EXISTING VALVE. REMOVE AND RE-INSTALL EXISTING VALVE BOX.	8	S907.01
RO 9+56	RT	8.7	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	6	S909.05
74+12	RT	7.6	PROVIDE NEW VALVE AND VALVE BOX	12	S903.0112
75+72	LT	15.0	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	12	S909.05
RA 10+21	LT	4.4	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	10	S909.05
RA 10+28	LT	5.6	PROVIDE NEW VALVE AND VALVE BOX	10	S903.0110
RA 10+42	LT	7.3	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG HYDRANT VALVE	6	S917.05
RA 10+87	LT	8.2	PROVIDE NEW HYDRANT VALVE AND VALVE BOX	6	S903.0106
76+80	RT	7.6	PROVIDE NEW VALVE AND VALVE BOX	12	S903.0112
DU 9+66	LT	5.8	PROVIDE NEW VALVE AND VALVE BOX	8	S903.0108
DU 9+84	LT	6.9	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	12	S909.05
76+94	LT	14.0	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	12	S909.05
78+32	RT	18.5	PROVIDE NEW HYDRANT VALVE AND VALVE BOX	6	S903.0106
78+69	LT	10.0	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG HYDRANT VALVE	6	S917.05
0 10+44	LT	7.0	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	6	S909.05
0 10+63	RT	6.2	PROVIDE NEW VALVE AND VALVE BOX	8	S903.0108
80+81	RT	9.0	PROVIDE NEW VALVE AND VALVE BOX	12	S903.0112
B 9+28	LT	4.3	CONNECT NEW WATER MAIN TO EXISTING VALVE. REMOVE AND RE-INSTALL EXISTING VALVE BOX.	8	S907.01
B 9+37	LT	10.6	PROVIDE NEW HYDRANT VALVE AND VALVE BOX	6	S903.0106
B 9+65	LT	6.7	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG HYDRANT VALVE	6	S917.05
B 9+87	LT	4.0	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	8	S909.05
G 10+44	LT	2.4	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	8	S909.05
G 10+56	LT	4.9	PROVIDE NEW VALVE AND VALVE BOX	8	S903.0108
82+65	LT	5.6	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	12	S909.05
82+73	LT	19.0	PROVIDE NEW HYDRANT VALVE AND VALVE BOX	6	S903.0106
84+39	RT	9.0	PROVIDE NEW VALVE AND VALVE BOX	12	S903.0112
DE 9+57	LT	6.8	CONNECT NEW WATER MAIN TO EXISTING VALVE. REMOVE AND RE-INSTALL EXISTING VALVE BOX.	8	S907.01
DE 9+89	LT	5.5	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	8	S909.05
85+47	LT	12.0	PROVIDE NEW HYDRANT VALVE AND VALVE BOX	6	S903.0106

WATER VALVE TABLE

STATION	OFFSET		DISPOSITION	SIZE (IN)	ITEM NO
	SIDE	DISTANCE (FT)			
85+60	LT	15.0	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG HYDRANT VALVE	6	S917.05
86+33	RT	12.0	PROVIDE NEW HYDRANT VALVE AND VALVE BOX	6	S903.0106
86+50	LT	7.0	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	12	S909.05
86+55	LT	9.5	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	8	S909.05
M 9+75	LT	1.8	PROVIDE NEW VALVE AND VALVE BOX	8	S903.0108
87+79	RT	10.2	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	12	S909.05
89+13	RT	6.1	PROVIDE NEW VALVE AND VALVE BOX	12	S903.0112
J 10+47	RT	9.3	PROVIDE NEW HYDRANT VALVE AND VALVE BOX	6	S903.0106
J 10+50	RT	7.8	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG HYDRANT VALVE	6	S917.05
J 10+53	RT	6.6	PROVIDE NEW VALVE AND VALVE BOX	8	S903.0108
J 10+13	RT	3.0	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	8	S909.05
89+35	RT	10.8	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	12	S909.05
F 9+39	LT	2.7	PROVIDE NEW VALVE AND VALVE BOX	10	S903.0110
F 9+43	LT	9.9	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG HYDRANT VALVE	6	S917.05
F 9+53	LT	8.6	PROVIDE NEW HYDRANT VALVE AND VALVE BOX	6	S903.0106
90+17	RT	5.9	PROVIDE NEW VALVE AND VALVE BOX	12	S903.0112
90+24	RT	5.7	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	12	S909.05
P 10+12	LT	7.0	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	8	S909.05
P 10+22	LT	14.0	PROVIDE NEW VALVE AND VALVE BOX	8	S903.0108
P 10+34	LT	10.2	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG HYDRANT VALVE	6	S917.05
P 10+45	LT	9.9	PROVIDE NEW HYDRANT VALVE AND VALVE BOX	6	S903.0106
92+17	RT	22.2	PROVIDE NEW VALVE AND VALVE BOX	8	S903.0108
T 9+78	LT	6.0	PROVIDE NEW VALVE AND VALVE BOX	8	S903.0108
92+70	RT	6.0	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	8	S909.05
94+77	RT	5.8	PROVIDE NEW VALVE AND VALVE BOX	12	S903.0112
S 10+12	LT	7.0	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	6	S909.05
S 10+35	LT	7.6	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG HYDRANT VALVE	6	S917.05
S 10+49	LT	9.8	PROVIDE NEW HYDRANT VALVE AND VALVE BOX	6	S903.0106
S 10+52	RT	8.1	PROVIDE NEW VALVE AND VALVE BOX	8	S903.0108
DI 9+43	LT	7.2	CONNECT NEW WATER MAIN TO EXISTING VALVE. REMOVE AND RE-INSTALL EXISTING VALVE BOX.	6	S907.01
DI 9+69	LT	7.2	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	6	S909.05
96+46	LT	16.9	PROVIDE NEW HYDRANT VALVE AND VALVE BOX	6	S903.0106
96+58	RT	8.2	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG HYDRANT VALVE	6	S917.05
97+40	RT	10.3	REMOVE EXISTING VALVE BOX AND ABANDON EXISITNG VALVE	12	S909.05
97+42	RT	18.0	PROVIDE NEW VALVE AND VALVE BOX	12	S903.0112
N 9+22	RT	17.8	EXISTING VALVE - NO WORK	12	N/A
N 10+09	LT	24.1	EXISTING VALVE - NO WORK	12	N/A
N 10+38	RT	15.5	EXISTING VALVE - NO WORK	12	N/A

ITEM NO.	DESCRIPTION	UNIT
S903.0106	6-INCH RESILIENT SEAT GATE VALVE WITH VALVE BOX - VERTICAL TYPE	EA
S903.0108	6-INCH RESILIENT SEAT GATE VALVE WITH VALVE BOX - VERTICAL TYPE	EA
S903.0110	6-INCH RESILIENT SEAT GATE VALVE WITH VALVE BOX - VERTICAL TYPE	EA
S903.0112	6-INCH RESILIENT SEAT GATE VALVE WITH VALVE BOX - VERTICAL TYPE	EA
S904.031212	12x12-INCH TAPPING SLEEVE WITH VALVE AND VALVE BOX	EA
S907.01	CONNECT NEW WATER MAIN TO EXISTING WATER MAIN	EA
S909.05	REMOVE EXISTING WATER VALVE BOX (INCLUDING EXCAVATION AND BACKFILL)	EA
S917.05	REMOVE EXISTING HYDRANT	EA

HYDRANT TABLE

STATION	OFFSET		DISPOSTION	ITEM NO.
	SIDE	DISTANCE (FT)		
L 9+53	LT	12.0	REMOVE EXISTING HYDRANT AND PROVIDE NEW HYDRANT ASSEMBLY.	S917.01, S917.05
73+76	LT	25.0	REMOVE EXISTING HYDRANT AND HYDRANT BRANCH VALVE BOX.	S917.05
73+82	RT	22.0	PROVIDE NEW HYDRANT ASSEMBLY.	S917.01
RA 10+48	LT	12.7	REMOVE EXISTING HYDRANT AND HYDRANT BRANCH VALVE BOX.	S917.05
RA 10+87	LT	12.6	PROVIDE NEW HYDRANT ASSEMBLY.	S917.01
78+32	RT	23.4	PROVIDE NEW HYDRANT ASSEMBLY.	S917.01
78+69	LT	22.4	REMOVE EXISTING HYDRANT AND HYDRANT BRANCH VALVE BOX.	S917.05
B 9+37	LT	14.7	PROVIDE NEW HYDRANT ASSEMBLY.	S917.01
B 9+67	LT	16.7	REMOVE EXISTING HYDRANT AND HYDRANT BRANCH VALVE BOX.	S917.05
82+73	LT	23.4	PROVIDE NEW HYDRANT ASSEMBLY.	S917.01
85+47	RT	23.3	PROVIDE NEW HYDRANT ASSEMBLY.	S917.01
85+55	LT	23.1	REMOVE EXISTING HYDRANT AND HYDRANT BRANCH VALVE BOX.	S917.05
86+33	RT	23.4	PROVIDE NEW HYDRANT ASSEMBLY.	S917.01
J 10+44	LT	14.2	PROVIDE NEW HYDRANT ASSEMBLY.	S917.01
J 10+50	LT	14.2	REMOVE EXISTING HYDRANT AND HYDRANT BRANCH VALVE BOX.	S917.05
F 9+42	LT	15.6	REMOVE EXISTING HYDRANT AND HYDRANT BRANCH VALVE BOX.	S917.05
F 9+53	LT	14.2	PROVIDE NEW HYDRANT ASSEMBLY.	S917.01
P 10+45	LT	14.5	REMOVE EXISTING HYDRANT AND PROVIDE NEW HYDRANT ASSEMBLY.	S917.01, S917.05
S 10+35	LT	17.3	REMOVE EXISTING HYDRANT AND HYDRANT BRANCH VALVE BOX.	S917.05
S 10+49	LT	14.8	PROVIDE NEW HYDRANT ASSEMBLY.	S917.01
96+46	LT	26.7	PROVIDE NEW HYDRANT ASSEMBLY.	S917.01
96+56	LT	31.1	REMOVE EXISTING HYDRANT AND HYDRANT BRANCH VALVE BOX.	S917.05

ITEM S917.01 - NEW HYDRANT

ITEM S917.05 - REMOVE EXISTING HYDRANT

DATE: JUNE 2015

SCALE:

DESIGNED BY: PGW / CJL

DRAWN BY: KLO / MD2

REVISIONS

NO	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

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Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C.

DRAWING NO.
CT-4
SHEET 33 OF 50

WENDEL JOB NUMBER
22134062

DRAINAGE TABLE

SURVEY ID NO.	RPWD ID NO.	EXISTING LOCATION (STA.)	EXISTING OFFSET (FT.)	PROPOSED LOCATION (STA.)	PROPOSED OFFSET (FT.)	EXISTING TOP OF GRATE (INVERT)	PROPOSED TOP OF GRATE (INVERT)	DISPOSITION	ITEM NO.
DS 60	316797	71+39	17 LT	N/A		NOT AVAILABLE (471.95 E)	-	NO WORK	N/A
DS 59	316919	L 9+46	09 LT	N/A		NOT AVAILABLE (471.66 E)	-	NO WORK	N/A
DS 58	316920	L 9+41	11 RT	N/A		NOT AVAILABLE (470.40 E)	-	NO WORK	N/A
DS 57	316798	71+79	22 RT	N/A		NOT AVAILABLE (470.81 W)	-	NO WORK	N/A
DS 56	317450	L 10+41	07 RT	N/A		NOT AVAILABLE (471.76 N)	-	NO WORK	N/A
DS 55	317451	L 10+50	12 LT	N/A		NOT AVAILABLE (471.59 S)	-	NO WORK	N/A
DS 54	316794	73+89	18 LT	N/A		NOT AVAILABLE (471.00 E)	-	NO WORK	N/A
DS 53	316795	74+08	20 RT	N/A		NOT AVAILABLE (470.52 W)	-	NO WORK	N/A
DS 52	316918	R0 10+54	08 LT	N/A		NOT AVAILABLE (NOT AVAIL.)	-	NO WORK	N/A
DS 51	316917	R0 10+49	09 RT	N/A		NOT AVAILABLE (470.44 S)	-	NO WORK	N/A
DS 50	316796	75+44	19 RT	N/A		NOT AVAILABLE (470.00 W)	-	NO WORK	N/A
DS 49	317452	RA 10+41	06 RT	N/A		NOT AVAILABLE (469.79 N)	-	NO WORK	N/A
DS 48	317453	RA 10+45	08 LT	N/A		NOT AVAILABLE (469.88 S)	-	NO WORK	N/A
DS 47	316855	76+31	20 LT	N/A		474.25 (NOT AVAILABLE)	-	NO WORK	N/A
DS 46	317366	DU 10+46	14 LT	N/A		474.03 (470.17 N)	-	NO WORK	N/A
DS 45	316585	DU 10+40	11 RT	N/A		474.06 (469.42 S)	-	NO WORK	N/A
DS 44	316580	78+45	21 RT	78+45	18 RT	473.46 (467.04 W)	473.50 (467.00 W)	REMOVE EXISTING DRAINAGE STRUCTURE AND REPLACE WITH TYPE B CATCH BASIN. PROVIDE NEW 8" SDR 21 PVC LATERAL AND CONNECT TO EXISTING 8" VCP LATERAL.	S604.3702, C603.992108 S604.4101
DS 43	316579	78+64	20 LT	N/A		473.24 (468.85 E)	-	NO WORK	N/A
DS 42	317449	0 10+44	9 RT	N/A		473.25 (469.15 N)	-	NO WORK	N/A
DS 41	317448	0 10+62	12 LT	0 10+62	11 LT	473.17 (469.27 S)	473.17 (469.27 S)	REMOVE EXISTING CATCH BASIN AND REPLACE WITH TYPE B CATCH BASIN. PROVIDE NEW 8" SDR 21 PVC LATERAL AND CONNECT TO EXISTING 8" CIP LATERAL.	S604.3702, C603.992108
DS 40	316578	80+26	20 LT	N/A		472.60 (468.40 E)	-	NO WORK	N/A
DS 39	316577	80+60	20 RT	N/A		472.46 (468.37 W)	MATCH FINISHED GRADE	ADJUST EXISTING FRAME AND GRATE	S604.5005
DS 38	316576	81+02	36 LT	N/A		472.04 (466.95 E)	-	NO WORK	N/A
DS 36	316574	82+20	20 RT	81+96	19 RT	471.62 (465.50 N)	471.79 (468.29 N)	REMOVE EXISTING DRAINAGE STRUCTURE AND ABANDON LATERAL. REPLACE WITH TYPE B CATCH BASIN IN NEW LOCATION. PROVIDE 8" SDR 21 PVC LATERAL AND CONNECT TO EXISTING 5'-7-1/2" STONE SEWER. EXISTING SEWER INVERT 471.47±.	S604.3702, C603.992108, R601.09, S604.560303, C206.0601
DS 37	316575	82+45	20 LT	N/A		471.35 (467.26 E)	-	NO WORK	N/A
DS 35	317443	G 10+50	11 RT	N/A		471.20 (466.81 N)	-	NO WORK	N/A
DS 34	317442	G 10+71	11 LT	N/A		470.81 (467.27 S)	-	NO WORK	N/A
DS 33	316543	83+83	20 LT	83+70	16 LT	470.72 (466.5 SE)	470.75 (467.25 SE)	REMOVE EXISTING DRAINAGE STRUCTURE AND ABANDON LATERAL. REPLACE WITH TYPE B CATCH BASIN IN NEW LOCATION. PROVIDE 8" SDR 21 PVC LATERAL AND CONNECT TO EXISTING 48" RCP SEWER. EXISTING SEWER INVERT 457.95±.	S604.3702, C603.992108, C604.076108, S604.560303, C206.0601
DS 31	316544	84+38	32 LT	N/A		470.33 (465.38 S)	MATCH FINISHED GRADE	ADJUST EXISTING FRAME AND GRATE	S604.5005
DS 32	316545	84+51	20 RT	N/A		470.52 (465.92 W)	-	NO WORK	N/A
DS 30	316524	86+12	20 RT	N/A		469.83 (463.98 W)	-	NO WORK	N/A
DS 29	316523	86+30	20 LT	N/A		469.63 (465.33 E)	MATCH FINISHED GRADE	ADJUST EXISTING FRAME AND GRATE	S604.5005
CHAPIN ST	317386			N/A		NOT AVAILABLE (NOT AVAILABLE)	-	NO WORK	NO WORK

DRAINAGE TABLE

SURVEY ID NO.	RPWD ID NO.	EXISTING LOCATION (STA.)	EXISTING OFFSET (FT.)	PROPOSED LOCATION (STA.)	PROPOSED OFFSET (FT.)	EXISTING TOP OF GRATE (INVERT)	PROPOSED TOP OF GRATE (INVERT)	DISPOSITION	ITEM NO.
CHAPIN ST	317385			N/A		NOT AVAILABLE (NOT AVAILABLE)	-	NO WORK	N/A
DS 28	316522	87+13	20 LT	N/A		469.19 (464.4 SE)	-	NO WORK	N/A
DS 27	316520	M 10+53	11 LT	N/A		468.61 (464.31 E)	-	NO WORK	N/A
DS 26	316521	M 10+38	11 RT	N/A		468.62 (464.57 E)	-	NO WORK	N/A
DS 25	316517	88+87	20 LT	N/A		468.31 (464.26 E)	-	NO WORK	N/A
DS 24	316515	88+98	20 RT	N/A		468.24 (463.89 W)	-	NO WORK	N/A
DS 23	317387	J 10+42	10 RT	N/A		467.61 (463.71 N)	-	NO WORK	N/A
DS 22	317388	J 10+41	10 LT	N/A		467.55 (463.45 S)	-	NO WORK	N/A
DS 21	316516	89+90	21 LT	89+62	19 LT	468.06 (464.16 E)	467.93 (464.43 E)	REMOVE EXISTING DRAINAGE STRUCTURE AND ABANDON LATERAL. REPLACE WITH TYPE B CATCH BASIN IN NEW LOCATION. PROVIDE 8" SDR 21 PVC LATERAL AND CONNECT TO EXISTING 48" RCP SEWER. EXISTING SEWER INVERT 454.80±.	S604.3702, C603.992108, C604.076108, S604.560303, C206.0601
DS 20	312960	F 10+41	11 LT	N/A		467.30 (463.30 E)	MATCH FINISHED GRADE	ADJUST EXISTING FRAME AND GRATE	S604.5005
DS 19	312959	F 10+40	11 RT	N/A		467.26 (NOT AVAILABLE)	MATCH FINISHED GRADE	ADJUST EXISTING FRAME AND GRATE	S604.5005
DS 18	316511	91+76	21 RT	N/A		466.00 (462.8 W)	-	NO WORK	N/A
DS 15A	316510	91+91	19 LT	91+69	19 LT	465.88 (462.58 E)	466.05 (462.55 E)	REMOVE EXISTING DRAINAGE STRUCTURE AND ABANDON LATERAL. REPLACE WITH TYPE B CATCH BASIN IN NEW LOCATION. PROVIDE 12" SDR 21 PVC LATERAL AND CONNECT TO EXISTING 48" RCP SEWER. EXISTING SEWER INVERT 452.20±.	S604.3702, C603.992108, C604.076112, S604.560303, C206.0601
DS 17	315970	P 10+43	11 RT	N/A		465.83 (462.38 N)	-	NO WORK	N/A
DS 16	315969	P 10+39	11 LT	N/A		465.63 (462.16 S)	-	NO WORK	N/A
DS 15	315968	T 10+45	11 LT	N/A		464.86 (459.86 E)	-	NO WORK	N/A
DS 14	315967	T 10+48	11 RT	N/A		464.87 (NOT AVAILABLE)	-	NO WORK	N/A
DS 13	316513	94+53	22 LT	N/A		462.19 (459.00 E)	-	NO WORK	N/A
DS 12	316512	94+54	21 RT	N/A		462.35 (458.96 W)	-	NO WORK	N/A
DS 11	315630	S 10+40	11 RT	N/A		462.49 (458.04 N)	-	NO WORK	N/A
DS 10	315629	S 10+39	10 LT	N/A		461.95 (458.30 S)	-	NO WORK	N/A
DS 9	315628	DI 10+47	12 LT	N/A		461.86 (458.57 N)	-	NO WORK	N/A
DS 8	315627	DI 10+47	12 RT	N/A		461.47 (457.73 S)	-	NO WORK	N/A
DS 8A	316509	96+64	20 LT	N/A		NOT AVAILABLE (NOT AVAILABLE)	-	NO WORK	N/A
DS 7	311748	N 9+50	22 LT	N/A		457.79 (450.10 SE)	-	NO WORK	N/A
DS 6	311754	N 9+50	27 RT	N/A		458.00 (453.51 N)	-	NO WORK	N/A
DS 5	311755	97+21	23 LT	N/A		458.28 (450.43 N)	-	NO WORK	N/A
DS 4	311749	97+25	24 RT	N/A		458.34 (452.64 N)	-	NO WORK	N/A
DS 3	311751	N 10+44	25 LT	N/A		457.61 (450.71 S)	MATCH FINISHED GRADE	ADJUST EXISTING FRAME AND GRATE	S604.5005
DS 2	311752	98+22	25 RT	N/A		457.66 (452.77 SE)	MATCH FINISHED GRADE	ADJUST EXISTING FRAME AND GRATE	S604.5005
DS 1	311753	98+22	24 LT	N/A		457.66 (452.32 S)	-	NO WORK	N/A

ITEM C206.0601 - ABANDON EXISTING SEWER
ITEM R601.09 - LATERAL CONNECTION TO EXISTING STONE BOX SEWER
ITEM C603.992108 - POLYVINYL CHLORIDE PIPE LATERAL, SDR21, 8" DIAMETER
ITEM C603.992112 - POLYVINYL CHLORIDE PIPE LATERAL, SDR21, 12" DIAMETER
ITEM C604.076108 - CONNECT NEW 8" LATERAL TO EXISTING OR NEW SEWER
ITEM C604.076112 - CONNECT NEW 12" LATERAL TO EXISTING OR NEW SEWER
ITEM S604.3702 - TYPE B CATCH BASIN - INSTALLED (INCULDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION)
ITEM S604.4101 - ADDITIONAL DEPTH TYPE B CATCH BASIN (INCLUDING EXCAVATION AND BACKFILL) OVER 4.5' INVERT
ITEM S604.5005 - ADJUST EXISTING CATCH BASIN FRAME AND COVER (INCLUDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION)
ITEM S604.560303 - ABANDON AND REMOVE EXISTING CATCH BASIN (INCLUDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION)
ITEM S604.60 - ADJUST EXISTING SEWER MANHOLE FRAME AND COVER (INCLUDING EXCAVATION AND BACKFILL)

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION TABLES

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Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C.

DRAWING NO. CT-5
SHEET 34 OF 50
WENDEL JOB NUMBER 22134062

TREE PLANTING TABLE

STATION	SIDE	OFFSET (FT)	BOTANICAL NAME	COMMON NAME	ITEM NO.
70+98	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
71+31	RT	24.4	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
72+68	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
72+81	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
73+03	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
73+30	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
74+65	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
75+11	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
75+15	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
75+74	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
76+14	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
78+36	LT	24.0	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE	S611.0403
79+84	RT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	S611.0404
80+16	LT	33.6	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
80+28	LT	43.6	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
80+29	LT	56.3	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
80+38	RT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	S611.0404
80+94	RT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	S611.0404
82+29	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
83+25	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
83+46	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
83+69	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
85+36	RT	24.0	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE	S611.0403
87+37	RT	24.0	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA	S611.0406
87+76	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
88+82	RT	24.0	QUERCUS ROBUR	ENGLISH OAK	S611.0407
88+85	LT	24.0	QUERCUS ROBUR	ENGLISH OAK	S611.0407
89+65	LT	24.0	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA	S611.0406
89+97	RT	24.0	QUERCUS ROBUR	ENGLISH OAK	S611.0407
90+29	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
90+61	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
91+38	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
92+08	LT	24.0	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE	S611.0403
93+57	LT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	S611.0404
98+04 *	LT	49.4	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
98+04 *	RT	52	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
98+16 *	LT	38.3	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
98+19 *	RT	36.2	CRATAGUS X LAVALLEI 'WINTER KING'	* WINTER KING HAWTHORNE	S611.0405

ITEM S611.0401 - TREE PLANTING (PYRUS CALLERYANA 'CHANTICLEER' - CHANTICLEER CALLERY PEAR)
ITEM S611.0402 - TREE PLANTING (SYRINGA RETICULATE 'IVORY SILK' - IVORY SILK JAPANESE TREE LILAC)
ITEM S611.0403 - TREE PLANTING (ACER X FREEMANII 'AUTUMN BLAZE' - AUTUMN BLAZE RED MAPLE)
ITEM S611.0404 - TREE PLANTING (GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE' - SKYLINE HONEY LOCUST)
ITEM S611.0405 - TREE PLANTING (CRATAGUS X LAVALLEI 'WINTER KING' - WINTER KING HAWTHORNE)
ITEM S611.0406 - TREE PLANTING (ZELKOVA SERRATA 'GREEN VASE' - GREEN VASE JAPANESE ZELKOVA)
ITEM S611.0407 - TREE PLANTING (QUERCUS ROBUR - ENGLISH OAK)

* LOCATED IN THE GATEWAYS AT PORTLAND/NORTON

TREE REMOVAL TABLE

STATION	SIDE	OFFSET (FT)	SIZE (IN)	ITEM NO.	NOTES
71+36	RT	24.4	12	S614.36	EXISTING TREE IN POOR CONDITION
83+09	RT	56.3	18	S614.37	
83+21	LT	24.0	10	S614.35	
91+91	LT	24.4	12	S614.36	

~~ITEM S614.35 - TREE REMOVAL - 6" TO 11" DBH~~ DE-MY
ITEM S614.36 - TREE REMOVAL - 12" TO 17" DBH DE
ITEM S614.37 - TREE REMOVAL - 18" TO 23" DBH DE
~~ITEM S614.38 - TREE REMOVAL - 24" TO 29" DBH~~
~~ITEM S614.39 - TREE REMOVAL - 30" TO 35" DBH~~

GROUP
WHY SHOW IF NO WORK

SIDEWALK TREATMENT TABLE

STATION		TO STATION	SIDE	TREATMENT	ITEM NO.
70+95	TO	70+54	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
71+28	TO	72+14	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
71+79	TO	72+46	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
72+46	TO	73+72	LT	CONCRETE	S608.14
72+40	TO	73+01	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
73+01	TO	73+11	RT	CONCRETE	S608.14
74+14	TO	74+19	RT	CONCRETE	S608.14
74+61	TO	74+76	RT	CONCRETE	S608.14
75+04	TO	75+19	LT	CONCRETE	S608.14
75+08	TO	75+23	RT	CONCRETE	S608.14
75+42	TO	75+47	LT	CONCRETE	S608.14
75+67	TO	75+82	LT	CONCRETE	S608.14
76+06	TO	76+21	LT	CONCRETE	S608.14
76+77	TO	77+86	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
76+80	TO	78+79	RT	CONCRETE	S608.14
79+09	TO	79+91	RT	EXPOSED AGGREGRATE CONCRETE AND CONCRETE	S608.37, S608.14
80+24	TO	80+52	LT	CONCRETE	S608.14
80+27	TO	80+66	RT	CONCRETE	S608.14
80+89	TO	81+04	RT	CONCRETE	S608.14
81+05	TO	81+15	LT	CONCRETE	S608.14
81+33	TO	81+43	RT	CONCRETE	S608.14
81+93	TO	82+52	RT	EXPOSED AGGREGRATE CONCRETE AND CONCRETE	S608.37, S608.14
82+92	TO	83+06	RT	CONCRETE	S608.14
83+86	TO	84+05	LT	CONCRETE	S608.14
84+36	TO	85+25	LT	CONCRETE	S608.14
84+73	TO	84+83	RT	CONCRETE	S608.14
85+62	TO	85+69	LT	CONCRETE	S608.14
85+72	TO	86+94	LT	CONCRETE	S608.14
86+15	TO	86+65	LT/RT	EXPOSED AGGREGRATE CONCRETE	S608.37
86+65	TO	87+95	LT/RT	DECORATIVE COLORED CONCRETE	S608.5601
87+95	TO	88+10	LT/RT	EXPOSED AGGREGRATE CONCRETE	S608.37
87+77	TO	88+05	LT	CONCRETE	S608.14
89+84	TO	90+04	LT	CONCRETE	S608.14
90+29	TO	90+90	LT	EXPOSED AGGREGRATE CONCRETE AND CONCRETE	S608.37, S608.14
91+82	TO	92+47	LT	CONCRETE	S608.14
92+73	TO	92+93	LT	CONCRETE	S608.14
94+93	TO	97+47	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
95+17	TO	97+41	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
95+71	TO	95+97	LT	CONCRETE	S608.14
95+71	TO	95+92	RT	CONCRETE	S608.14
96+59	TO	96+83	LT	CONCRETE	S608.14
97+91	TO	98+25	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
97+91	TO	98+26	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
98+26	TO	98+45	RT	CONCRETE	S608.14

ITEM S608.14 - CONCRETE SIDEWALK AND DRIVEWAY (INCLUDING EXCAVATION AND SUBBASE)
ITEM S608.37 - EXPOSED AGGREGRATE CONCRETE (INCLUDING EXCAVATION AND SUBBASE)
ITEM S608.5601 - DECORATIVE COLORED CONCRETE
NOTE: REFER TO PL-1 THROUGH PL-6 FOR LIMITS OF PROPOSED SIDEWALK

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION TABLES

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Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C.

DRAWING NO.
CT-6
SHEET 35 OF 50
WENDEL JOB NUMBER
22134062

TREE PLANTING TABLE

STATION	SIDE	OFFSET (FT)	BOTANICAL NAME	COMMON NAME	ITEM NO.
70+98	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
71+31	RT	24.4	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
72+68	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
72+81	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
73+03	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
73+30	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
74+65	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
75+11	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
75+15	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
75+74	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
76+14	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
78+36	LT	24.0	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE	S611.0403
79+84	RT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	S611.0404
80+16	LT	33.6	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
80+28	LT	43.6	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
80+29	LT	56.3	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
80+38	RT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	S611.0404
80+94	RT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	S611.0404
82+29	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
83+25	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
83+46	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
83+69	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
85+36	RT	24.0	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE	S611.0403
87+37	RT	24.0	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA	S611.0406
87+76	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
88+82	RT	24.0	QUERCUS ROBUR	ENGLISH OAK	S611.0407
88+85	LT	24.0	QUERCUS ROBUR	ENGLISH OAK	S611.0407
89+65	LT	24.0	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA	S611.0406
89+97	RT	24.0	QUERCUS ROBUR	ENGLISH OAK	S611.0407
90+29	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
90+61	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
91+38	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
92+08	LT	24.0	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE	S611.0403
93+57	LT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	S611.0404
98+04 *	LT	49.4	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
98+04 *	RT	52	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
98+16 *	LT	38.3	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
98+19 *	RT	36.2	CRATAGUS X LAVALLEI 'WINTER KING'	* WINTER KING HAWTHORNE	S611.0405

ITEM S611.0401 - TREE PLANTING (PYRUS CALLERYANA 'CHANTICLEER' - CHANTICLEER CALLERY PEAR)
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* LOCATED IN THE GATEWAYS AT PORTLAND/NORTON

TREE REMOVAL TABLE

STATION	SIDE	OFFSET (FT)	SIZE (IN)	ITEM NO.	NOTES
71+36	RT	24.4	12	S614.36	EXISTING TREE IN POOR CONDITION
83+09	RT	56.3	18	S614.37	
83+21	LT	24.0	10	S614.35	
91+91	LT	24.4	12	S614.36	

~~ITEM S614.35 - TREE REMOVAL - 6" TO 11" DBH~~ DE-MY
ITEM S614.36 - TREE REMOVAL - 12" TO 17" DBH DE
ITEM S614.37 - TREE REMOVAL - 18" TO 23" DBH DE
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GROUP
WHY SHOW IF NO WORK

SIDEWALK TREATMENT TABLE

STATION		TO STATION	SIDE	TREATMENT	ITEM NO.
70+95	TO	70+54	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
71+28	TO	72+14	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
71+79	TO	72+46	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
72+46	TO	73+72	LT	CONCRETE	S608.14
72+40	TO	73+01	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
73+01	TO	73+11	RT	CONCRETE	S608.14
74+14	TO	74+19	RT	CONCRETE	S608.14
74+61	TO	74+76	RT	CONCRETE	S608.14
75+04	TO	75+19	LT	CONCRETE	S608.14
75+08	TO	75+23	RT	CONCRETE	S608.14
75+42	TO	75+47	LT	CONCRETE	S608.14
75+67	TO	75+82	LT	CONCRETE	S608.14
76+06	TO	76+21	LT	CONCRETE	S608.14
76+77	TO	77+86	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
76+80	TO	78+79	RT	CONCRETE	S608.14
79+09	TO	79+91	RT	EXPOSED AGGREGRATE CONCRETE AND CONCRETE	S608.37, S608.14
80+24	TO	80+52	LT	CONCRETE	S608.14
80+27	TO	80+66	RT	CONCRETE	S608.14
80+89	TO	81+04	RT	CONCRETE	S608.14
81+05	TO	81+15	LT	CONCRETE	S608.14
81+33	TO	81+43	RT	CONCRETE	S608.14
81+93	TO	82+52	RT	EXPOSED AGGREGRATE CONCRETE AND CONCRETE	S608.37, S608.14
82+92	TO	83+06	RT	CONCRETE	S608.14
83+86	TO	84+05	LT	CONCRETE	S608.14
84+36	TO	85+25	LT	CONCRETE	S608.14
84+73	TO	84+83	RT	CONCRETE	S608.14
85+62	TO	85+69	LT	CONCRETE	S608.14
85+72	TO	86+94	LT	CONCRETE	S608.14
86+15	TO	86+65	LT/RT	EXPOSED AGGREGRATE CONCRETE	S608.37
86+65	TO	87+95	LT/RT	DECORATIVE COLORED CONCRETE	S608.5601
87+95	TO	88+10	LT/RT	EXPOSED AGGREGRATE CONCRETE	S608.37
87+77	TO	88+05	LT	CONCRETE	S608.14
89+84	TO	90+04	LT	CONCRETE	S608.14
90+29	TO	90+90	LT	EXPOSED AGGREGRATE CONCRETE AND CONCRETE	S608.37, S608.14
91+82	TO	92+47	LT	CONCRETE	S608.14
92+73	TO	92+93	LT	CONCRETE	S608.14
94+93	TO	97+47	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
95+17	TO	97+41	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
95+71	TO	95+97	LT	CONCRETE	S608.14
95+71	TO	95+92	RT	CONCRETE	S608.14
96+59	TO	96+83	LT	CONCRETE	S608.14
97+91	TO	98+25	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
97+91	TO	98+26	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
98+26	TO	98+45	RT	CONCRETE	S608.14

ITEM S608.14 - CONCRETE SIDEWALK AND DRIVEWAY (INCLUDING EXCAVATION AND SUBBASE)
ITEM S608.37 - EXPOSED AGGREGRATE CONCRETE (INCLUDING EXCAVATION AND SUBBASE)
ITEM S608.5601 - DECORATIVE COLORED CONCRETE
NOTE: REFER TO PL-1 THROUGH PL-6 FOR LIMITS OF PROPOSED SIDEWALK

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
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DRAWING NO.
CT-6
SHEET 35 OF 50
WENDEL JOB NUMBER
22134062

TREE PLANTING TABLE

STATION	SIDE	OFFSET (FT)	BOTANICAL NAME	COMMON NAME	ITEM NO.
70+98	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
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72+68	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
72+81	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
73+03	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
73+30	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
74+65	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
75+11	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
75+15	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
75+74	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
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78+36	LT	24.0	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE	S611.0403
79+84	RT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	S611.0404
80+16	LT	33.6	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
80+28	LT	43.6	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
80+29	LT	56.3	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
80+38	RT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	S611.0404
80+94	RT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	S611.0404
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83+25	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
83+46	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
83+69	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
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87+76	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
88+82	RT	24.0	QUERCUS ROBUR	ENGLISH OAK	S611.0407
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90+61	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
91+38	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
92+08	LT	24.0	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE	S611.0403
93+57	LT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	S611.0404
98+04 *	LT	49.4	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
98+04 *	RT	52	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
98+16 *	LT	38.3	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE	S611.0405
98+19 *	RT	36.2	CRATAGUS X LAVALLEI 'WINTER KING'	* WINTER KING HAWTHORNE	S611.0405

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TREE REMOVAL TABLE

STATION	SIDE	OFFSET (FT)	SIZE (IN)	ITEM NO.	NOTES
71+36	RT	24.4	12	S614.36	EXISTING TREE IN POOR CONDITION
83+09	RT	56.3	18	S614.37	
83+21	LT	24.0	10	S614.35	
91+91	LT	24.4	12	S614.36	

~~ITEM S614.35 - TREE REMOVAL - 6" TO 11" DBH~~ DE-MY
ITEM S614.36 - TREE REMOVAL - 12" TO 17" DBH DE
ITEM S614.37 - TREE REMOVAL - 18" TO 23" DBH DE
~~ITEM S614.38 - TREE REMOVAL - 24" TO 29" DBH~~
~~ITEM S614.39 - TREE REMOVAL - 30" TO 35" DBH~~

GROUP
WHY SHOW IF NO WORK

SIDEWALK TREATMENT TABLE

STATION		TO STATION	SIDE	TREATMENT	ITEM NO.
70+95	TO	70+54	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
71+28	TO	72+14	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
71+79	TO	72+46	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
72+46	TO	73+72	LT	CONCRETE	S608.14
72+40	TO	73+01	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
73+01	TO	73+11	RT	CONCRETE	S608.14
74+14	TO	74+19	RT	CONCRETE	S608.14
74+61	TO	74+76	RT	CONCRETE	S608.14
75+04	TO	75+19	LT	CONCRETE	S608.14
75+08	TO	75+23	RT	CONCRETE	S608.14
75+42	TO	75+47	LT	CONCRETE	S608.14
75+67	TO	75+82	LT	CONCRETE	S608.14
76+06	TO	76+21	LT	CONCRETE	S608.14
76+77	TO	77+86	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
76+80	TO	78+79	RT	CONCRETE	S608.14
79+09	TO	79+91	RT	EXPOSED AGGREGRATE CONCRETE AND CONCRETE	S608.37, S608.14
80+24	TO	80+52	LT	CONCRETE	S608.14
80+27	TO	80+66	RT	CONCRETE	S608.14
80+89	TO	81+04	RT	CONCRETE	S608.14
81+05	TO	81+15	LT	CONCRETE	S608.14
81+33	TO	81+43	RT	CONCRETE	S608.14
81+93	TO	82+52	RT	EXPOSED AGGREGRATE CONCRETE AND CONCRETE	S608.37, S608.14
82+92	TO	83+06	RT	CONCRETE	S608.14
83+86	TO	84+05	LT	CONCRETE	S608.14
84+36	TO	85+25	LT	CONCRETE	S608.14
84+73	TO	84+83	RT	CONCRETE	S608.14
85+62	TO	85+69	LT	CONCRETE	S608.14
85+72	TO	86+94	LT	CONCRETE	S608.14
86+15	TO	86+65	LT/RT	EXPOSED AGGREGRATE CONCRETE	S608.37
86+65	TO	87+95	LT/RT	DECORATIVE COLORED CONCRETE	S608.5601
87+95	TO	88+10	LT/RT	EXPOSED AGGREGRATE CONCRETE	S608.37
87+77	TO	88+05	LT	CONCRETE	S608.14
89+84	TO	90+04	LT	CONCRETE	S608.14
90+29	TO	90+90	LT	EXPOSED AGGREGRATE CONCRETE AND CONCRETE	S608.37, S608.14
91+82	TO	92+47	LT	CONCRETE	S608.14
92+73	TO	92+93	LT	CONCRETE	S608.14
94+93	TO	97+47	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
95+17	TO	97+41	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
95+71	TO	95+97	LT	CONCRETE	S608.14
95+71	TO	95+92	RT	CONCRETE	S608.14
96+59	TO	96+83	LT	CONCRETE	S608.14
97+91	TO	98+25	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
97+91	TO	98+26	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
98+26	TO	98+45	RT	CONCRETE	S608.14

ITEM S608.14 - CONCRETE SIDEWALK AND DRIVEWAY (INCLUDING EXCAVATION AND SUBBASE)
ITEM S608.37 - EXPOSED AGGREGRATE CONCRETE (INCLUDING EXCAVATION AND SUBBASE)
ITEM S608.5601 - DECORATIVE COLORED CONCRETE
NOTE: REFER TO PL-1 THROUGH PL-6 FOR LIMITS OF PROPOSED SIDEWALK

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION TABLES

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DRAWING NO.
CT-6
SHEET 35 OF 50
WENDEL JOB NUMBER
22134062

MONUMENT TABLE

MONUMENT NO.	TYPE	LOCATION	DISPOSITION	ITEM NO.
091830205	RCS	SE CORNER PORTLAND AND LUX	REPLACE BRASS DISK IN SIDEWALK	S626.08
091830103	RCS	NW CORNER PORTLAND AND LUX	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091830102	RCS	NW CORNER PORTLAND AND ROYCROFT	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750306	RCS	NE CORNER PORTLAND AND RANDOLPH	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750102	RCS	NW CORNER PORTLAND AND DURNAN	INSTALL NEW MONUMENT FRAME AND COVER	S626.06
091750305	RCS	NE CORNER PORTLAND AND RANDOLPH	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091750101	RCS	NW CORNER PORTLAND AND DURNAN	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750307	RCS	SE CORNER PORTLAND AND ONEIDA	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091750103	RCS	SW CORNER PORTLAND AND BARBERRY	EXISTING MONUMENT PAVED OVER - NO WORK ANTICIPATED	--
091750207	RCS	NW CORNER PORTLAND AND BARBERRY	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091750303	RCS	SE CORNER PORTLAND AND GRAFTON	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091750205	RCS	NW CORNER PORTLAND AND DELAMAINE	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091750302	RCS	SE CORNER PORTLAND AND CHAPIN	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750301	RTS	SE CORNER PORTLAND AND CHAPIN	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091760101	RCS	NE CORNER PORTLAND AND CHAPIN	EXISTING MONUMENT PAVED OVER - NO WORK ANTICIPATED	--
091760107	RCS	NE CORNER PORTLAND AND CHAPIN	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750208	RCS	SW CORNER PORTLAND AND MOHAWK	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750202	RCS	NW CORNER PORTLAND AND MOHAWK	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091670302	RCS	NW CORNER PORTLAND AND FURLONG	INSTALL NEW MONUMENT FRAME AND COVER	S626.06
009180201	RCS	NE CORNER PORTLAND AND POMEROY	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091670202	RCS	NW CORNER PORTLAND AND TURPIN	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091680102	RCS	NE CORNER PORTLAND AND SYLVESTER	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091670106	RCS	NW CORNER PORTLAND AND DICKINSON	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091590201	RCS	NW CORNER PORTLAND AND NORTON	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091600101	RCS	NE CORNER PORTLAND AND NORTON	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--

ITEM 626.06 - INSTALL NEW MONUMENT FRAME AND COVER
ITEM 626.07 - RESET EXISTING MONUMENT FRAME AND COVER
ITEM 626.08 - BRASS DISC INSTALLATION IN SIDEWALK (RCS) (FURNISHED)

DECORATIVE METAL BOLLARD - ITEM S615.98

STATION	SIDE	OFFSET (FT)	STATION	SIDE	OFFSET (FT)
71+09	LT	25.5	97+05	LT	26.5
71+15	LT	25.5	97+11	LT	26.5
71+21	LT	25.5	97+17	LT	26.5
71+27	LT	25.5	97+39	LT	39.5
71+40	RT	22.3	97+39	LT	45.5
71+43	LT	54.0	97+39	LT	51.5
71+46	LT	45.0	97+44	RT	45.2
71+46	RT	22.3	97+44	RT	51.2
71+52	RT	22.3	97+44	RT	57.2
71+58	RT	22.3	97+92	LT	59.9
71+80	LT	45.0	97+93	RT	56.4
71+82	LT	38.0	97+93	LT	54.9
72+08	RT	45.0	97+94	RT	51.6
72+12	RT	51.0	97+94	LT	50.1
72+30	LT	24.5	97+95	LT	47.0
72+36	LT	24.5	98+10	LT	30.0
72+38	RT	35.0	98+13	RT	30.0
72+41	RT	41.0	98+14	LT	29.2
72+44	RT	47.0	98+18	RT	28.4
72+65	RT	22.3	98+19	LT	27.8
72+71	RT	22.3			

6" STEEL BOLLARD - ITEM R615.06

STATION	SIDE	OFFSET (FT)
83+07	RT	35.3
83+08	RT	40.3
83+10	RT	44.3
83+11	RT	32.5

STREET LIGHTING TABLE

STATION	SIDE	OFFSET (FT)	ITEM S671.3101 (EA)
73 + 38	LT	24	1
77 + 93	RT	23	1
79 + 42	RT	24	1
81 + 38	RT	23	1
83 + 13	LT	24	1
84 + 85	RT	23	1
88 + 02	LT	24	1
89 + 38	LT	23	1
92 + 19	LT	23	1
93 + 72	LT	24	1

ITEM S671.3101 - METAL LIGHT POLE FOUNDATION

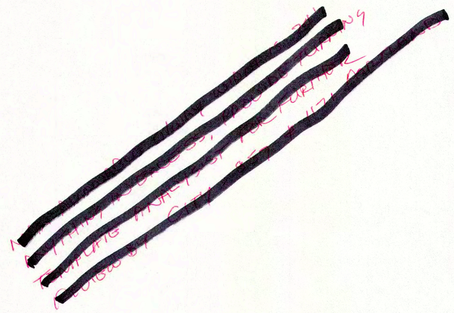
DRIVEWAY APRON TABLE

STATION	SIDE	ADDRESS	APRON MATERIAL	CURB HEADER LENGTH (FT)	CURB TRANS. LENGTH (FT)	APRON LENGTH (FT)	ITEM NUMBER	COMMENT
72+55	LT	845 PORTLAND AVE	CONCRETE	10	3	5	S608.14	
73+02	RT	856 PORTLAND AVE	CONCRETE	10	3	5	S608.14	
73+34	LT	851 PORTLAND AVE	CONCRETE	10	3	5	S608.14	
73+65	LT	857 PORTLAND AVE	CONCRETE	25	3	5	S608.14	
77+62	RT	910 PORTLAND AVE	CONCRETE	15	3	5	S608.14	DRIVEWAY WIDTH TO BE NARROWED
78+29	RT	920 PORTLAND AVE	CONCRETE	21	3	5	S608.14	
79+63	RT	936 PORTLAND AVE	CONCRETE	29	3	5	S608.14	REMOVE EXISTING DRIVEWAY APRON AND CURB CUT
80+47	RT	936 PORTLAND AVE	CONCRETE	29	3	5	S608.14	REMOVE EXISTING DRIVEWAY APRON AND CURB CUT
86+06	LT	1025 PORTLAND AVE	CONCRETE	13	3	5	S608.14	
89+13	LT	1063/1071 PORTLAND AVE	LIGHT DUTY ASPHALT	20	3	5	S608.15	
90+90	LT	1091 PORTLAND AVE	LIGHT DUTY ASPHALT	10	3	5	S608.15	
91+36	LT	1095 PORTLAND AVE	LIGHT DUTY ASPHALT	10	3	5	S608.15	
91+68	LT	1105 PORTLAND AVE	LIGHT DUTY ASPHALT	10	3	5	S608.15	
93+39	LT	1123 PORTLAND AVE	LIGHT DUTY ASPHALT	13	3	5	S608.15	
95+82	RT	1154 PORTLAND AVE	CONCRETE	21	3	5	S608.14	
95+86	LT	1171 PORTLAND AVE	CONCRETE	26	3	5	S608.14	
96+73	LT	1171 PORTLAND AVE	CONCRETE	24	3	5	S608.14	

ITEM S608.14 - CONCRETE SIDEWALK AND DRIVEWAY (INCLUDING EXCAVATION AND SUBBASE)
ITEM S608.15 - ASPHALT DRIVEWAY - LIGHT DUTY

SIGN POST SLEEVE - ITEM C686.05

STATION	SIDE	OFFSET (FT)
77+24	LT	19.6
78+48	RT	20.6
79+61	RT	23.7
82+20	RT	16.4
83+29	RT	23.7
84+68	LT	20.7
86+16	RT	0.5
86+61	RT	0.5
87+94	RT	0.5
88+10	RT	0.5
90+61	LT	16.4
91+71	LT	23.7



DATE: JUNE 2015
SCALE: NTS
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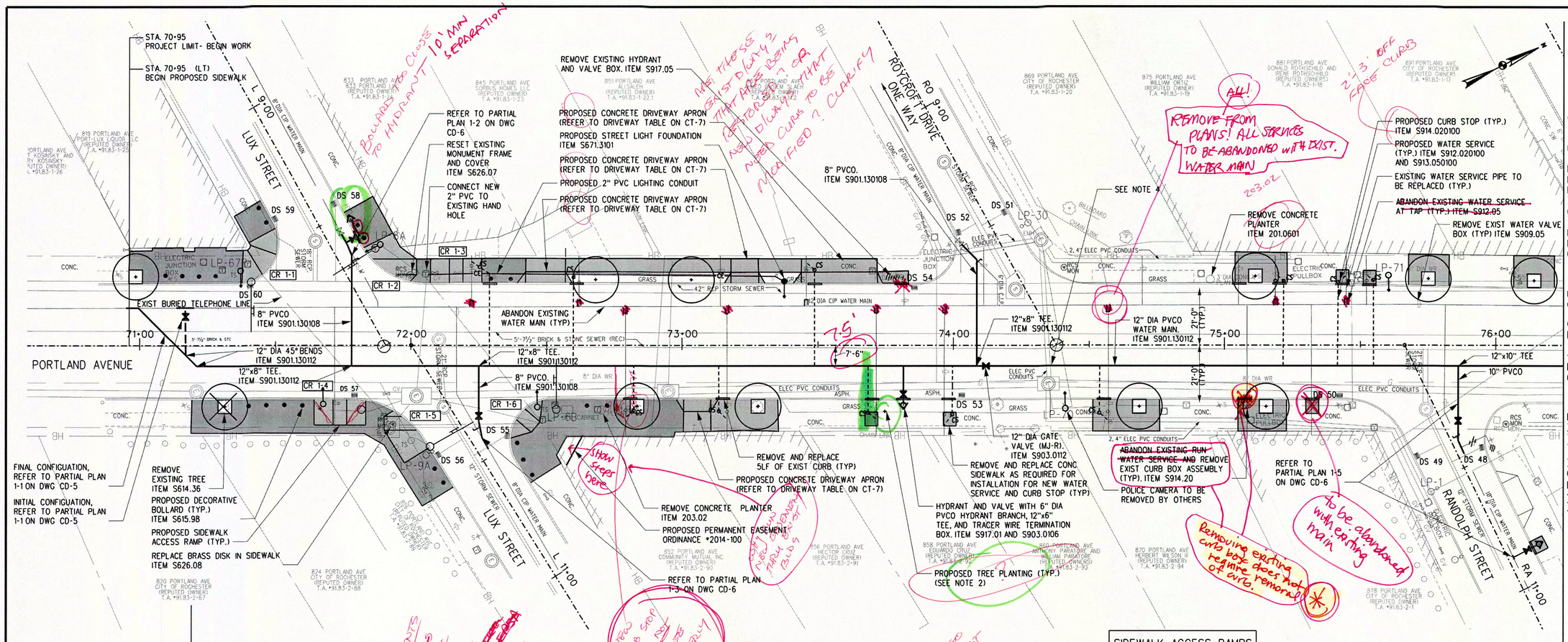
DRAWING NO.
CT-7
SHEET 36 OF 50
WENDEL JOB NUMBER
22134062



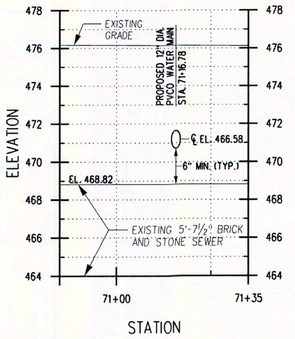
SIDEWALK ACCESS RAMPS	
NUMBER	RAMP TYPE
CR 1-1	F
CR 1-2	G
CR 1-3	F
CR 1-4	F
CR 1-5	G
CR 1-6	F

REFER TO SIDEWALK ACCESS RAMP DETAILS ON CD-11

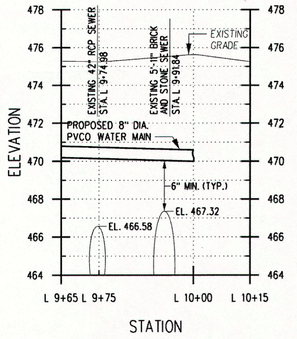
NOTES:
1. REFER TO WATER SERVICE TABLE ON CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION ON WATER SERVICE IMPROVEMENTS.
2. FOR LOCATIONS AND SPECIES OF PROPOSED TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON CT-6.
3. WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK.
4. PROVIDE VERTICAL BENDS OR DEFLECT JOINTS TO CROSS UNDER EXIST UTILITY AS REQUIRED. REFER TO DETAIL 1 ON DWG CD-4.

LEGEND
- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- GRASS

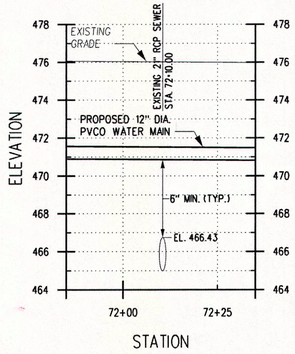
PORTLAND AVENUE



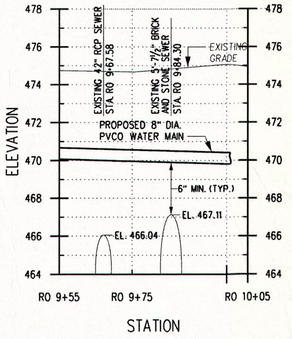
LUX STREET



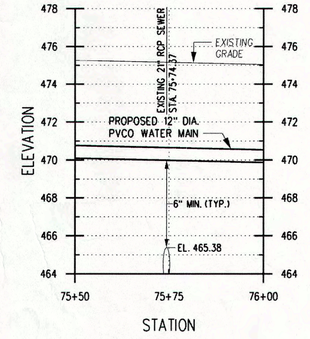
PORTLAND AVENUE AT LUX STREET



ROYCROFT DRIVE



PORTLAND AVENUE AT RANDOLPH STREET



VERTICAL SCALE 0' 2' 4'
HORIZONTAL SCALE 0' 20' 40'

REVISIONS

NO.	DATE	DESCRIPTION	BY

DATE: JUNE 2015
SCALE:
DESIGNED BY: POW / CJL
DRAWN BY: KLO / MD2

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

ROADWAY PLAN

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DRAWING NO. PL-1
SHEET 37 OF 50
WENDEL JOB NUMBER 22134062

EXISTING LOOP DETECTOR (TYP.)
~~ABANDON EXISTING WATER SERVICE AT TAP (TYP.) ITEM S912.05~~
EXISTING WATER SERVICE PIPE TO BE REPLACED (TYP.)
REFER TO PARTIAL PLAN 2-1 ON DWG CD-6
8" PVCO ITEM S901.130108
INSTALL NEW MONUMENT FRAME AND COVER ITEM S626.06
REMOVE EXIST WATER VALVE BOX (TYP) ITEM S909.05
SEE NOTE 6
REMOVE BENCH ITEM 201.0601
STA. 77+44 (LT) PROPOSED 17'x7' CONCRETE BUS SHELTER PAD (SHELTER BY OTHERS) ITEM S608.55
REMOVE CONCRETE PLANTER ITEM 203.02
PROTECT EXISTING RCS MONUMENT
12" DIA 11.25° BEND. DEFLECT JOINTS EAST OF BEND AS NECESSARY TO MAINTAIN ALIGNMENT. ITEM S901.130112
PROPOSED TREE PLANTING (TYP.) (SEE NOTE 2)
REMOVE AND REPLACE 5LF OF EXIST CURB (TYP)
REMOVE EXIST HYDRANT AND VALVE BOX ITEM S917.05
REFER TO PARTIAL PLAN 2-2 ON DWG CD-7
~~ABANDON EXISTING RUN WATER SERVICE AND~~ REMOVE EXIST CURB BOX ASSEMBLY (TYP). ITEM S914.20
REFER TO PARTIAL PLAN 2-3 ON DWG CD-7
8" PVCO. ITEM S901.130108
PROPOSED SIDEWALK ACCESS RAMP (TYP.)
REPLACE PAVEMENT. ITEM 205.07. SEE TRENCH RESTORATION ASPHALT BASE DETAIL FOR PAVEMENT SECTION
RESET EXISTING MONUMENT FRAME AND COVER ITEM S626.07
SEE NOTE 6
CONNECT NEW 2" PVC TO EXISTING HAND HOLE
PROPOSED 2" PVC CONDUIT ITEM S671.020302
RESET EXISTING MONUMENT FRAME AND COVER ITEM S626.07
NARROW EXISTING DRIVEWAY APRON AND CURB CUT
PROPOSED STREET LIGHT FOUNDATION ITEM S671.3101
HYDRANT AND VALVE WITH 6" DIA PVCO HYDRANT BRANCH, 12"x6" TEE, AND TRACER WIRE TERMINATION BOX. ITEM S917.01 AND S903.0106
REMOVE CONCRETE PLANTER ITEM 203.02
6" PVCO ITEM S901.130106
RESET EXISTING MONUMENT FRAME AND COVER ITEM S626.07
REMOVE CONCRETE PLANTER ITEM 203.02
REMOVE EXISTING DRIVEWAY APRON AND CURB CUT
PROPOSED STREET LIGHT FOUNDATION ITEM S671.3101
PROPOSED 2" PVC LIGHTING CONDUIT ITEM S671.020302
REFER TO PARTIAL PLAN 1 ON CD-12 FOR DRAINAGE IMPROVEMENTS IN THIS AREA
12" DIA PVCO WATER MAIN. ITEM S901.130112
12"x8" TEE. ITEM S901.130112
12" DIA GATE VALVE (MJ-R) ITEM S903.0112
PROPOSED 2" PVC LIGHTING CONDUIT ITEM S671.020302
PROPOSED STREET LIGHT FOUNDATION ITEM S671.3101
PROPOSED WATER SERVICE (TYP.) ITEM S912.020100 AND S913.050100
PROPOSED CURB STOP (TYP.) ITEM S914.020100

CURB Replacement not warranted where removing the curb box assembly!
NEW CURB STEP SHOULD BEGIN GRASS AREA AWAY FROM TREE
CURB - NEW/MODIFY
SIDEWALK
REMOVE! ALL

MATCH LINE - STA. 76+25 - SEE SHEET PL-1
MATCH LINE - STA 81+50 - SEE SHEET PL-3
DURNAN STREET
ONEIDA STREET
PORTLAND AVENUE
BARBERRY TERRACE
DU 9+00
B 9+00
0 11+00

CURB RADIUS DATA

NUMBER	RADIUS	DELTA	TANGENT	LENGTH	PC/PT STATION OFFSET
R 2-1	25'	119° 02'30"	14.71'	26.60'	76+81.12 29.9° / 77+02.91 17.0° LT
R 2-2	338'	172° 53'54"	28.57'	46.67'	77+13.33 17.0° / 77+57.57 17.0° LT
R 2-3	5'	146° 22'59"	1.59'	3.15'	77+57.68 17.0° / 77+60.58 18.0° LT
R 2-4	15'	142° 18'21"	5.46'	9.19'	77+60.58 18.0° / 77+70.62 21.0° LT
R 2-5	309'	172° 48'30"	19.42'	38.79'	76+44.86 21.0° / 76+76.75 21.0° RT
R 2-6	25'	131°05'24"	11.36'	21.34'	78+49.00 18.0° / 78+69.40 27.2° RT
R 2-7	18'	46° 45'01"	41.88	41.86'	79+15.59 46.7° / 79+26.50 14.0° RT
R 2-8	5'	135° 00'00"	2.07'	3.93'	79+45.75 14.0° / 79+49.23 15.5° RT
R 2-9	15'	134° 59'46"	6.21'	11.78'	79+50.37 16.6° / 79+60.98 21.0° RT
R 2-10	25'	151°35'13"	11.78'	23.82'	81+08.47 30.8° / 81+19.52 23.8° LT

CURB TABLE

BEGIN			END		
STA.	SIDE	OFFSET	STA.	SIDE	OFFSET
76+77	LT	36.4'	77+72	LT	21.0'
77+33	RT	21.0'	78+82	RT	38.0'
79+15	RT	46.5'	79+81	RT	21.0'

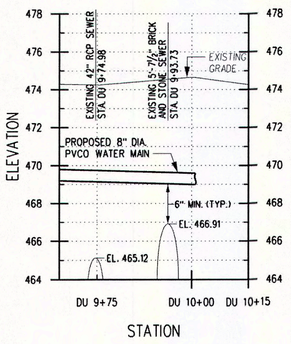
SIDEWALK ACCESS RAMPS

NUMBER	RAMP TYPE
CR 2-1	A
CR 2-2	C
CR 2-3	E
CR 2-4	E
CR 2-5	A
CR 2-6	E

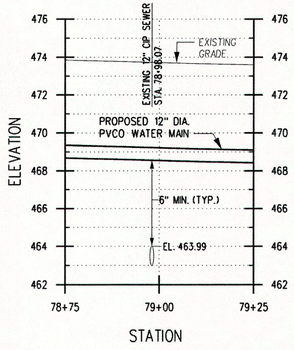
REFER TO SIDEWALK ACCESS RAMP DETAILS ON CD-11

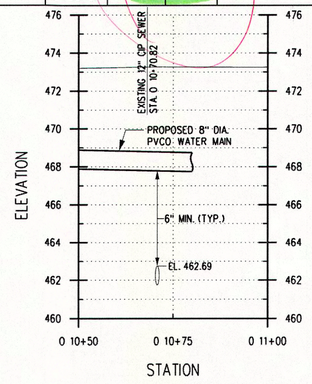
NOTES:
1. REFER TO WATER SERVICES TABLE ON DWG. CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION ON WATER SERVICE IMPROVEMENTS.
2. FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON DWG. CT-6.
3. REFER TO INTERSECTION BUMP-OUT DETAIL ON CD-13.
4. WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK.
5. RCS MONUMENT NO. 091750103 AT THE SOUTHWEST CORNER OF PORTLAND AVENUE AND BARBERRY TERRACE IS PAVED OVER. NO WORK IS ANTICIPATED.
6. PROVIDE VERTICAL BENDS OR DEFLECT JOINTS TO CROSS UNDER EXIST UTILITY AS REQUIRED. REFER TO DETAIL 1 ON DWG CD-4.

DURNAN STREET

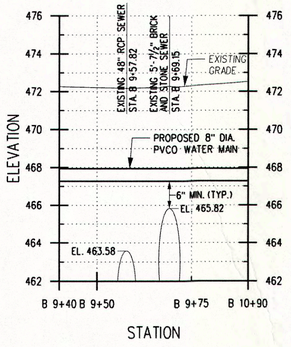


PORTLAND AVENUE AT ONEIDA STREET





BARBERRY TERRACE



LEGEND
CONCRETE
EXPOSED AGGREGRATE CONCRETE
GRASS

VERTICAL SCALE 0' 2' 4'
HORIZONTAL SCALE 0' 20' 40'

REVISIONS
NO | DATE | DESCRIPTION | BY

DATE: JUNE 2015
SCALE:
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION
ROADWAY PLAN

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DRAWING NO. PL-2
SHEET 38 OF 50
WENDEL JOB NUMBER 22134062

MATCH LINE - STA. 81+50 - SEE SHEET PL-2

MATCH LINE - STA. 86+25 - SEE SHEET PL-4

HYDRANT AND VALVE WITH 6" DIA PVCO HYDRANT BRANCH, 12"x6" TEE, AND TRACER WIRE TERMINATION BOX. ITEM S917.01 AND S903.0106

REPLACE PAVEMENT. ITEM 205.07. SEE TRENCH RESTORATION ASPHALT BASE DETAIL FOR PAVEMENT SECTION

ABANDON EXISTING RUN WATER SERVICE AND REMOVE EXIST CURB BOX ASSEMBLY (TYP). ITEM S914.20

curb replacement where water service will be abandoned IS NOT WARRANTED. Curb box assembly to be removed behind the curb. DO NOT REPLACE CURB AT LOCATIONS WHERE WE ARE ONLY ABANDONING SERVICE BY REMOVING CURB BOX!

curb replacement O.K. where new service crosses the curb

PROPOSED STREET LIGHT FOUNDATION ITEM S671.3101

REMOVE EXISTING TREE ITEM S614.35

PROPOSED TREE PLANTING (TYP.) (SEE NOTE 2)

DELAMAINE DRIVE ONE WAY

PORTLAND AVENUE

GRAFTON STREET

ABANDON EXISTING WATER SERVICE AT TAP (TYP.) ITEM S912.05

REFER TO PARTIAL PLAN 3-2 ON DWG CD-7

REFER TO PARTIAL PLAN 2 ON CD-12 FOR DRAINAGE IMPROVEMENTS IN THIS AREA

PROPOSED SIDEWALK ACCESS RAMP (TYP.)

RESET EXISTING MONUMENT FRAME AND COVER ITEM S606.07

REMOVE EXIST WATER VALVE BOX (TYP) ITEM S909.05

BEGIN PROPOSED 5' WIDE RAISED MEDIAN STA. 86+15

REMOVE EXIST HYDRANT AND VALVE BOX. ITEM S917.05

PROPOSED DEPRESSED DRIVEWAY

REMOVE AND REPLACE CONC SIDEWALK AS REQUIRED FOR INSTALLATION FOR NEW WATER SERVICE AND CURB STOP (TYP)

REMOVE CONCRETE PLANTER ITEM 203.02

REFER TO PARTIAL PLAN 3 ON CD-12 FOR DRAINAGE IMPROVEMENTS IN THIS AREA

RESET EXISTING MONUMENT FRAME AND COVER ITEM S606.07

8" DIA PVCO ITEM S901.130108

12" DIA PVCO WATER MAIN

SEE NOTE 6

ELEC PVC CONDUIT DUCT

ELEC PVC CONDUITS

EXISTING WATER SERVICE PIPE TO BE REPLACED (TYP.)

PROPOSED 2" PVC LIGHTING CONDUIT ITEM S671.030302

PROPOSED 6" STEEL BOLLARD (4) ITEM R615.06

CONNECT NEW 2" PVC TO EXISTING HAND HOLE

REMOVE EXISTING TREE ITEM S614.37

ONLY ADD LANDSCAPE PLANTER

REFER TO PARTIAL PLAN 3-1 ON DWG CD-7

Modify Curb?

PROPOSED WATER SERVICE (TYP.) ITEM S912.020100 AND S913.050100

PROPOSED CURB STOP (TYP.) ITEM S914.020100

PROPOSED FIBERGLASS HANDHOLE ITEM R671.1601 (SEE NOTE 3)

12" DIA GATE VALVE (MJ-R). ITEM S903.0112

ABANDON EXIST WATER MAIN (TYP)

PROPOSED STREET LIGHT FOUNDATION ITEM S671.3101

PROPOSED 2" PVC LIGHTING CONDUIT ITEM S671.020302

HYDRANT AND VALVE WITH 6" DIA PVCO HYDRANT BRANCH, 12"x6" TEE, AND TRACER WIRE TERMINATION BOX. ITEM S917.01 AND S903.0106

REMOVE AND REPLACE 5LF OF EXIST CURB (TYP)

SEE NOTE 6

SEE NOTE 6

Modify?

CURB RADIUS DATA					
NUMBER	RADIUS	DELTA	TANGENT	LENGTH	PC/PT STATION OFFSET
R 3-1	15'	134° 59'39"	6.18'	11.78'	81+90.77 21.0' / 82+01.38 16.5' RT
R 3-2	5'	135° 00'00"	2.21'	3.93'	82+02.43 15.5' / 82+05.96 14.0' RT
R 3-3	20'	132° 40'16"	8.32'	16.12'	82+23.09 14.0' / 82+37.20 19.8' RT
R 3-4	15'	135° 00'00"	6.21'	11.78'	83+65.66 16.4' / 83+76.31 21.0' LT
R 3-5	5'	135° 00'00"	2.07'	3.93'	83+77.28 15.5' / 83+80.82 14.0' LT
R 3-6	18'	44° 26'58"	43.17'	41.89'	83+87.17 14.0' / 83+00.26 44.4' LT
R 3-7	25'	133° 11'14"	10.74'	20.29'	84+47.61 24.7' / 84+66.12 18.0' LT
R 3-8	5'	135° 00'00"	2.07'	3.93'	85+64.92 21.0' / 85+68.52 22.2' LT
R 3-9	5'	134° 59'46"	1.94'	3.70'	85+68.63 22.4' / 85+71.95 24.0' LT
R 3-10	2.5'	N/A	N/A	7.85'	86+15.00 2.0' LT / 86+15.00 3.0' RT

CURB TABLE					
BEGIN			END		
STA.	SIDE	OFFSET	STA.	SIDE	OFFSET
81+88	RT	21.0'	82+52	RT	36.3'
83+63	LT	21.0'	83+98	LT	46.3
84+36	LT	37.0'	85+25	LT	21.0'
85+62	LT	21.0'	86+96	LT	21.0'

SIDEWALK ACCESS RAMPS	
NUMBER	RAMP TYPE
CR 3-1	E
CR 3-2	E - Modify?
CR 3-3	E
CR 3-4	E

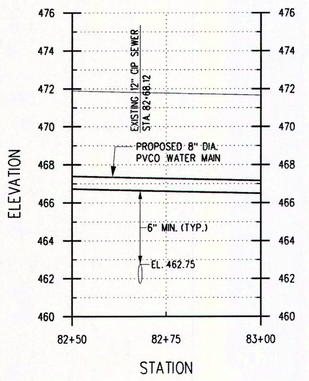
REFER TO SIDEWALK ACCESS RAMP DETAILS ON CD-11

NOTES:
1. REFER TO WATER SERVICES TABLE ON DWG. CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION ON WATER SERVICE IMPROVEMENTS.
2. FOR LOCATIONS AND SPECIES OF PROPOSED TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON DWG. CT-6.
3. FOR FUSING, COORDINATE WITH RG&E.
4. REFER TO INTERSECTION BUMP-OUT DETAIL ON CD-13.
5. WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK
6. PROVIDE VERTICAL BENDS OR DEFLECT JOINTS TO CROSS UNDER EXIST UTILITY AS REQUIRED. REFER TO DETAIL 1 ON DWG CD-4.

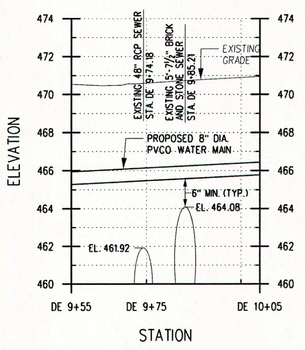
LEGEND
- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- GRASS

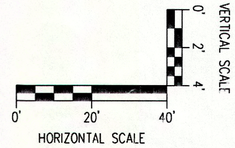
Shown ALL SHEETS! Identify which curbs will be modified! It needs to be quantified!! S609.40

PORTLAND AT GRAFTON STREET



DELAMAINE DRIVE





REVISIONS

NO	DESCRIPTION	DATE	BY

DATE: JUNE 2015

SCALE:

DESIGNED BY: PGW / CJL

DRAWN BY: KLO / MD2

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

ROADWAY PLAN

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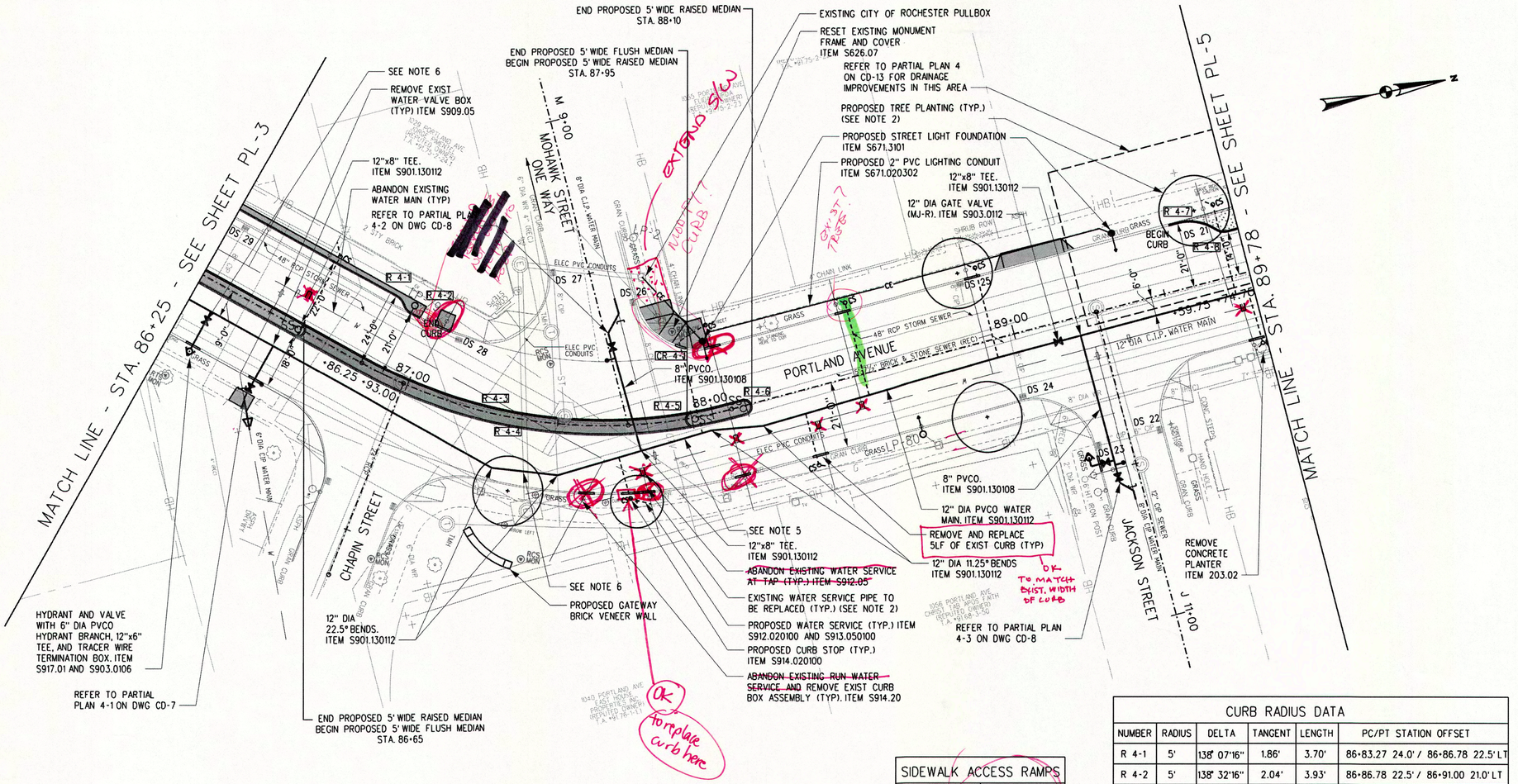
DRAWING NO. PL-3

SHEET 39 OF 50

WENDEL JOB NUMBER 22134062



SIDEWALK ACCESS RAMPS

NUMBER	RAMP TYPE
CR 4-1	F

REFER TO SIDEWALK ACCESS RAMP DETAILS ON CD-11

CURB RADIUS DATA

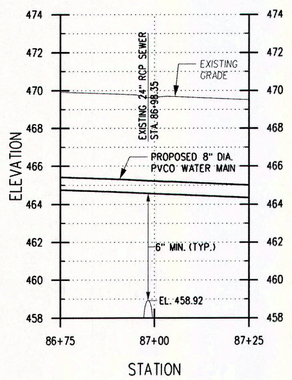
NUMBER	RADIUS	DELTA	TANGENT	LENGTH	PC/PT STATION OFFSET
R 4-1	5'	138° 07'16"	1.86'	3.70'	86+83.27 24.0' / 86+86.78 22.5' LT
R 4-2	5'	138° 32'16"	2.04'	3.93'	86+86.78 22.5' / 86+91.00 21.0' LT
R 4-3	159'	139° 50'32"	56.63'	108.43'	86+83.27 24.0' / 87+93.25 2.0' LT
R 4-4	164'	134° 53'36"	58.25'	111.89'	86+83.65 3.0' / 87+93.13 3.0' RT
R 4-5	2.5'	N/A	N/A	7.85'	87+93.25 2.0' LT/ 87+93.25 3.0' RT
R 4-6	2.5'	N/A	N/A	7.85'	88+10.28 2.0' LT/ 88+10.28 3.0' RT
R 4-7	15'	135° 43'47"	6.20'	11.78'	89+59.72 21.0' / 89+70.39 16.2' LT
R 4-8	5'	135° 21'55"	2.06'	3.93'	89+71.19 15.5' / 89+74.65 14.0' LT

CURB TABLE

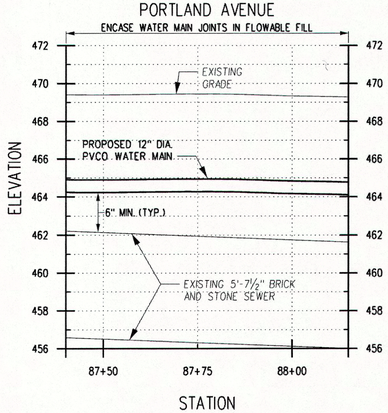
BEGIN			END		
STA.	SIDE	OFFSET	STA.	SIDE	OFFSET
85+62	LT	21.0'	86+96	LT	21.0'
89+57	LT	21.0'	90+05	LT	40.8'

LEGEND
- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- GRASS

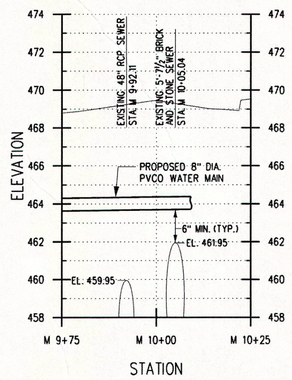
PORTLAND AT CHAPIN STREET



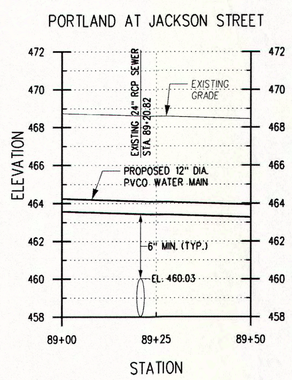
PORTLAND AVENUE



MOHAWK STREET



PORTLAND AT JACKSON STREET



NOTES:
1. REFER TO AND WATER SERVICES TABLE ON CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION ON WATER SERVICE IMPROVEMENTS.
2. FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON CT-6.
3. REFER TO INTERSECTION BUMP-OUT DETAIL ON CD-13.
4. WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK
5. ENCASE WATER MAIN JOINTS IN FLOWABLE FILL IN THIS AREA. REFER TO PROFILE THIS DWG
6. PROVIDE VERTICAL BENDS OR DEFLECT JOINTS TO CROSS UNDER EXIST UTILITY AS REQUIRED. REFER TO DETAIL 1 ON DWG CD-4.

VERTICAL SCALE 0' 2' 4'
HORIZONTAL SCALE 0' 20' 40'

DATE: JUNE 2015
SCALE:
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

ROADWAY PLAN

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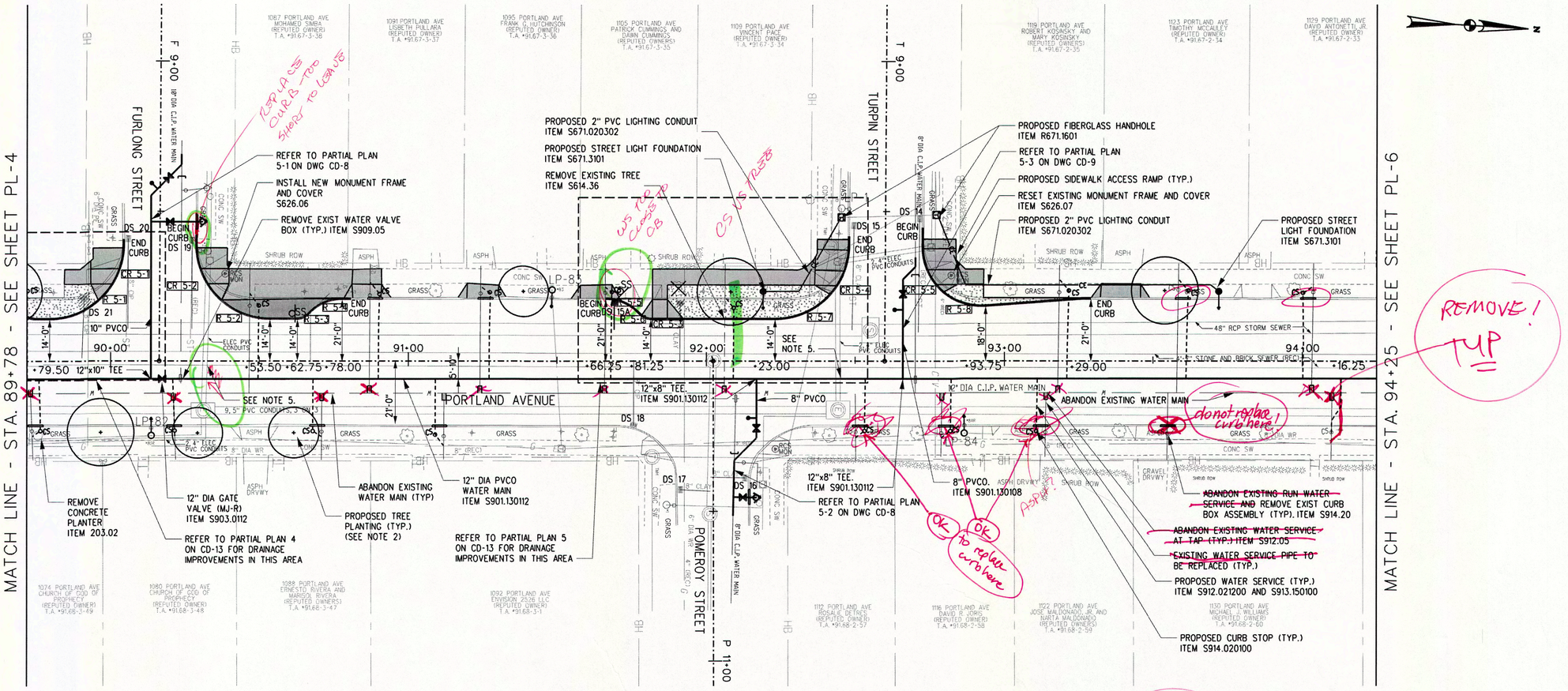
DRAWING NO. PL-4
SHEET 40 OF 50
WENDEL JOB NUMBER 22134062



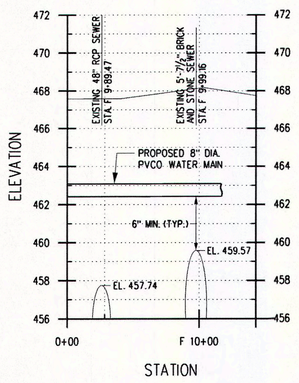
CURB TABLE					
BEGIN			END		
STA.	SIDE	OFFSET	STA.	SIDE	OFFSET
89+57	LT	21.0'	90+05	LT	40.8'
90+29	LT	40.8'	90+81	LT	21.0'
91+66	LT	21.0'	92+48	LT	41.4'
92+72	LT	45.0'	93+32	LT	21.0'

SIDEWALK ACCESS RAMPS	
NUMBER	RAMP TYPE
CR 5-1	E
CR 5-2	E
CR 5-3	B
CR 5-4	E
CR 5-5	E

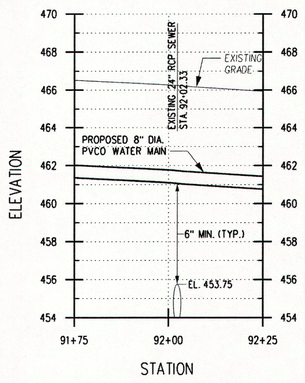
REFER TO SIDEWALK ACCESS RAMP DETAILS ON CD-11

NOTES:
1. REFER TO WATER SERVICES TABLE ON CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION ON WATER SERVICE IMPROVEMENTS.
2. FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON CT-6.
3. REFER TO INTERSECTION BUMP-OUT DETAIL ON CD-13.
4. WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK
5. PROVIDE VERTICAL BENDS OR DEFLECT JOINTS TO CROSS UNDER EXIST UTILITY AS REQUIRED. REFER TO DETAIL 1 ON DWG CD-4.

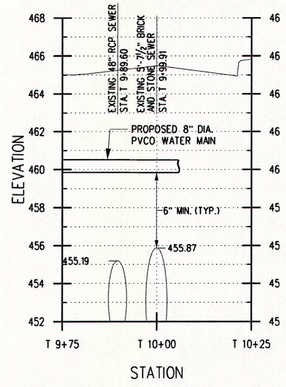
FURLONG STREET



PORTLAND AT POMEROY STREET



TURPIN STREET



CURB RADIUS DATA					
NUMBER	RADIUS	DELTA	TANGENT	LENGTH	PC/PT STATION OFFSET
R 5-1	25'	89° 58'23"	24.97'	38.37'	89+79.50 14.0' / 90+04.53 37.9' LT
R 5-2	25'	90° 17'30"	25.13'	39.40'	90+28.55 39.1' / 90+53.50 14.0' LT
R 5-3	5'	134° 40'10"	2.07'	3.93'	90+62.78 14.0' / 90+66.32 15.5' LT
R 5-4	15'	135° 00'08"	6.21'	11.78'	90+67.15 16.3' / 90+77.76 21.0' LT
R 5-5	15'	135° 33'54"	6.20'	11.78'	91+66.29 21.0' / 91+76.90 16.4' LT
R 5-6	5'	135° 01'05"	2.07'	3.93'	91+77.83 15.5' / 91+81.36 14.0' LT
R 5-7	25'	90° 30'37"	24.87'	39.14'	92+23.00 14.0' / 92+48.12 38.9' LT
R 5-8	20'	86° 02'19"	21.52'	32.88'	92+72.30 38.4' / 92+93.70 18.0' LT

LEGEND
- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- GRASS

VERTICAL SCALE 0' 2' 4'
HORIZONTAL SCALE 0' 20' 40'

REVISIONS			
NO	DATE	DESCRIPTION	BY

DATE: JUNE 2015
SCALE:
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

ROADWAY PLAN

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DRAWING NO. PL-5
SHEET 41 OF 50
WENDEL JOB NUMBER 22134062

MATCH LINE - STA. 94+25 - SEE SHEET PL-5

STA. 98+50
PROJECT LIMIT- END WORK

N

1139 PORTLAND AVE
ROBERT EISENHART AND ANN EISENHART (REPUTED OWNERS)
T.A. *91.67-2-32

1149 PORTLAND AVE
ALEXIS RIVERA (REPUTED OWNER)
T.A. *91.67-1-47

1141 PORTLAND AVE
ISIS TEJEDA AND YESENIA CRUZ (REPUTED OWNERS)
T.A. *91.67-1-48

1136 PORTLAND AVE
MICHAEL J. WILLIAMS (REPUTED OWNER)
T.A. *91.68-2-1

1148 PORTLAND AVE
JOSEPH BUSO (REPUTED OWNER)
T.A. *91.68-1-51

1152 PORTLAND AVE
VIVID PROPERTIES LLC (REPUTED OWNER)
T.A. *91.68-1-53

1154 PORTLAND AVE
ALEXIS RIVERA (REPUTED OWNER)
T.A. *91.68-1-52

1158 PORTLAND AVE
PHILIP SRAGUSA (REPUTED OWNER)
T.A. *91.68-1-54

1176 PORTLAND AVE
MARIA MOJICA AND BETTY TORRES (REPUTED OWNERS)
T.A. *91.68-1-47

1404 NORTON STREET
REN DEVELOPMENT LLC (REPUTED OWNER)
T.A. *91.59-2-14.1

1196 PORTLAND AVE
SAKETTIN OZKUN (REPUTED OWNER)
T.A. *91.60-1-6

DICKINSON STREET

NORTON STREET

SYLVESTER STREET

PORTLAND AVENUE

DI 9+00

DI 10+00

DI 11+00

N 9+00

95+00

96+00

97+00

98+00

REMOVE AND REPLACE CONC SIDEWALK AS REQUIRED FOR INSTALLATION FOR NEW WATER SERVICE AND CURB STOP (TYP)

8" PVCO
ITEM S901.130108

12" DIA GATE VALVE (MJ-R)
ITEM S903.0112

6" PVCO
ITEM S901.130106

REFER TO PARTIAL PLAN 6-3 ON DWG CD-9

RESET EXISTING FRAME AND COVER
ITEM S626.07

PROPOSED CONCRETE DRIVEWAY APRON (SEE DRIVEWAY TABLE ON CT-7)

~~ABANDON EXISTING RUN WATER SERVICE AND~~ REMOVE EXIST CURB BOX ASSEMBLY (TYP). ITEM S914.20

HYDRANT AND VALVE WITH 6" PVCO HYDRANT BRANCH, 12"x6" TEE, AND TRACER WIRE TERMINATION BOX. LOCATE 10' SOUTH OF EXISTING HYDRANT ITEM S917.01 AND S903.0106

REMOVE EXISTING HYDRANT AND VALVE BOX
ITEM S917.05

PROPOSED CONCRETE DRIVEWAY APRON (SEE DRIVEWAY TABLE ON CT-7)

CONCRETE CURB TO BE REMOVED BY PROPERTY OWNER

PROPOSED GATEWAY BRICK VENEER WALL (SEE NOTE 1) (TYP.)

PROPOSED TREE PLANTING (TYP.) (SEE NOTE 3)

REFER TO PARTIAL PLAN 6-1 ON DWG CD-5

SEE NOTE 6

REFER TO PARTIAL PLAN 6-2 ON DWG CD-9

12" DIA C.I.P. WATER MAIN

48" RCP STORM SEWER

3'-7" STONE AND BRICK SEWER (REC)

9.5" PVC CONDUITS, 3 ON 3

8.5" PVC CONDUITS, 3 ON 3

25'-0"

25'-0"

18'-0"

DS 1 DS 2 DS 3 DS 4 DS 5 DS 6 DS 7 DS 8 DS 8A DS 9 DS 11 DS 12 DS 13

CR 6-1 CR 6-2 CR 6-3 CR 6-4 CR 6-5 CR 6-6

SP-85 SP-86 SP-87 SP-88

RCS MON

2-4" ELEC. FIBER DUCTS

REMOVE AND REPLACE 5LF OF EXIST CURB (TYP)

ABANDON EXISTING WATER SERVICE AT TAP (TYP.) ITEM S912.05

EXISTING WATER SERVICE PIPE TO BE REPLACED (TYP.)

PROPOSED WATER SERVICE (TYP.) ITEM S912.020100 AND S913.050100

PROPOSED CURB STOP (TYP.) ITEM S914.020100

12" DIA 45° BENDS
ITEM S901.130112

REMOVE EXIST WATER VALVE BOX (TYP) ITEM S909.05

ABANDON EXISTING WATER MAIN (TYP)

12" DIA PVCO WATER MAIN
ITEM S901.130112

PAINT EXISTING BOLLARDS (4)

EXISTING LOOP DETECETOR. SEE NOTE 5. (TYP.)

PROPOSED SIDEWALK ACCESS RAMP (TYP.)

PROPOSED DECORATIVE BOLLARD (TYP.)
ITEM S615.98

REMOVE EXISTING CONCRETE DRIVEWAY APRON AND CURB CUT

REMOVE CONCRETE BOLLARDS (4)
ITEM 203.02

RELOCATE TRAFFIC CONTROLLER CABINET (SEE NOTE 1)

BRICK RETAINING WALL TO BE REMOVED BY PROPERTY OWNER

END CURB

BEGIN CURB

CURB RADIUS DATA					
NUMBER	RADIUS	DELTA	TANGENT	LENGTH	PC/PT STATION OFFSET
R 6-1	32'	89° 28'45"	31.71'	49.97'	97+91.39 58.3' / 98+23.18 26.4' RT

CURB TABLE					
BEGIN			END		
STA.	SIDE	OFFSET	STA.	SIDE	OFFSET
97+91	RT	67.3'	98+45	RT	26.6'

SIDEWALK ACCESS RAMPS	
NUMBER	RAMP TYPE
CR 6-1	G
CR 6-2	G
CR 6-3	F
CR 6-4	F
CR 6-5	F
CR 6-6	F

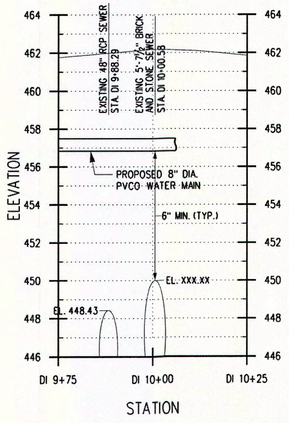
REFER TO SIDEWALK ACCESS RAMP DETAILS ON CD-11

NOTES:
1. REFER TO CONTROLLER LOCATION DIAGRAM ON PM-6 FOR PROPOSED LOCATION OF TRAFFIC CONTROLLER CABINET AND GATEWAY BRICK VENEER WALL.
2. REFER TO WATER SERVICES TABLE ON CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION ON WATER SERVICE IMPROVEMENTS.
3. FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON CT-6.
4. WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK.
5. EXISTING LOOP DETECTOR WIRES THAT WILL BE IMPACTED WILL BE CUT AND THE APPROACHES WILL BE IN RECALL. FINAL LOOP DETECTOR INSTALLATION WILL BE COMPLETED UNDER THE UPCOMING CITY OF ROCHESTER MILLING AND RESURFACING CONTRACT IN THE SUMMER OF 2016.
6. PROVIDE VERTICAL BENDS OR DEFLECT JOINTS TO CROSS UNDER EXIST UTILITY AS REQUIRED. REFER TO DETAIL 1 ON DWG CD-4.

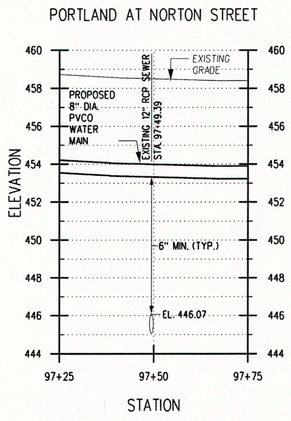
LEGEND
- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- GRASS

VERTICAL SCALE 0' 2' 4'
HORIZONTAL SCALE 0' 20' 40'

DICKINSON STREET



PORTLAND AT NORTON STREET



REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: JUNE 2015
SCALE:
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

ROADWAY PLAN

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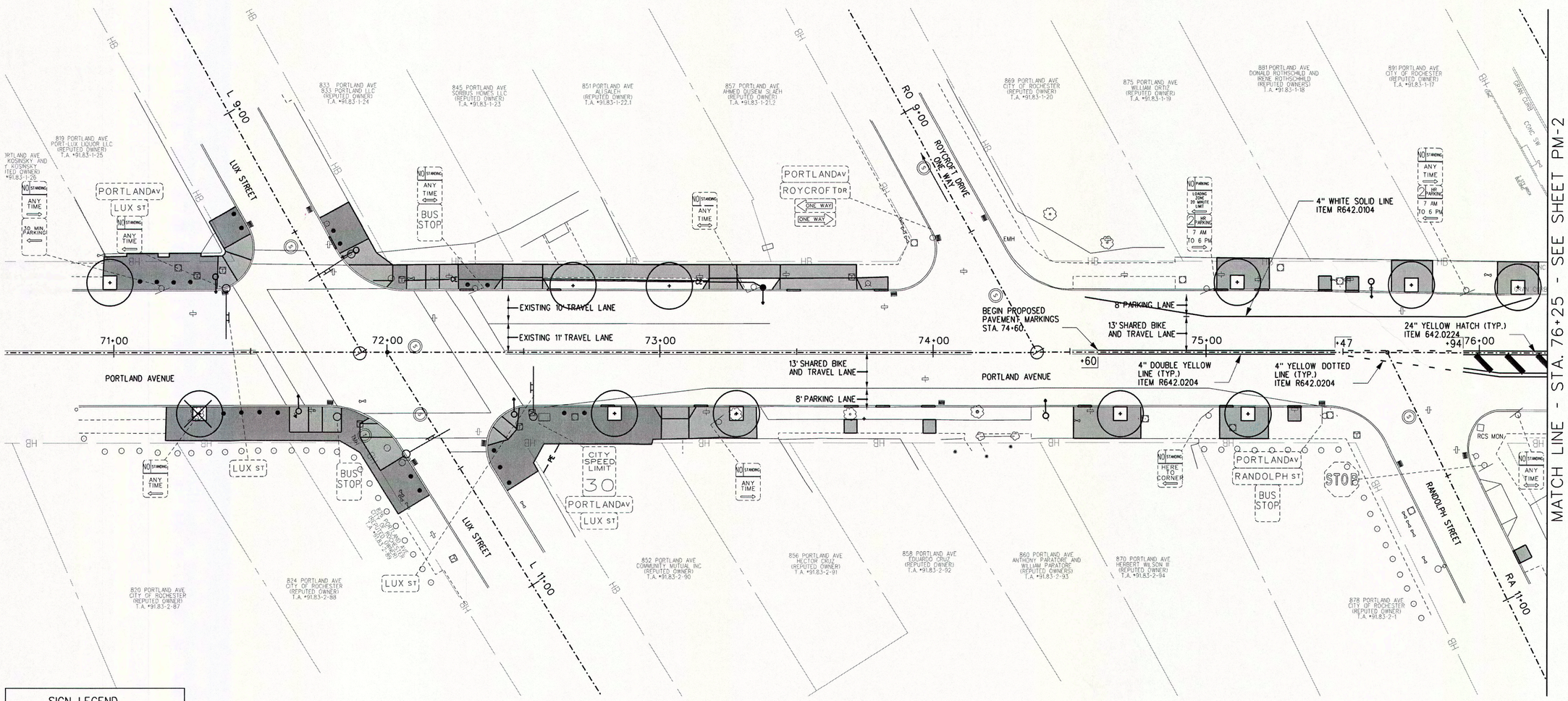
DRAWING NO. PL-6
SHEET 42 OF 50
WENDEL JOB NUMBER 22134062



SIGN LEGEND

- RR SIGN = REMOVE & RELOCATE EXISTING SIGN (BY OTHERS)
  - EXISTING
  - PROPOSED
- R SIGN = EXISTING SIGN TO BE REMOVED (BY OTHERS)
- SIGN = EXISTING SIGN TO REMAIN
- SIGN = NEW SIGN LOCATION (BY OTHERS)
- ●SS = NEW SIGN SLEEVE ITEM C686.1611

LEGEND

- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- GRASS

NOTES:

1. STRIPING FOR THIS CONTRACT WILL BE CONSIDERED TEMPORARY. A FUTURE MILLING AND RESURFACING CONTRACT WILL FOLLOW WHERE PERMANENT STRIPING WILL BE INSTALLED WITH BICYCLE FACILITY STRIPING AND SIGNAGE.
2. THE EXISTING TRAFFIC SIGNAL POLES, MAST ARMS, AND PEDESTRIAN SIGNAL POLES AT THE LUX STREET, DURNAN STREET, AND NORTON STREET INTERSECTIONS WITH PORTLAND AVENUE SHALL BE PAINTED BLACK, OR AS APPROVED BY THE ENGINEER, IN ACCORDANCE WITH PAY ITEMS C686.52 PAINTING SIGNAL POLE AND ARM AND C686.53 PAINTING PEDESTRIAN SIGNAL POLE.

20' 0 20' 40'
SCALE: 1"=20'

DATE: JUNE 2015
SCALE: 1" = 20'
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO.	DATE	DESCRIPTION	BY

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PAVEMENT MARKING AND SIGNAGE PLAN

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DRAWING NO.
PM-1
SHEET 43 OF 50
WENDEL JOB NUMBER
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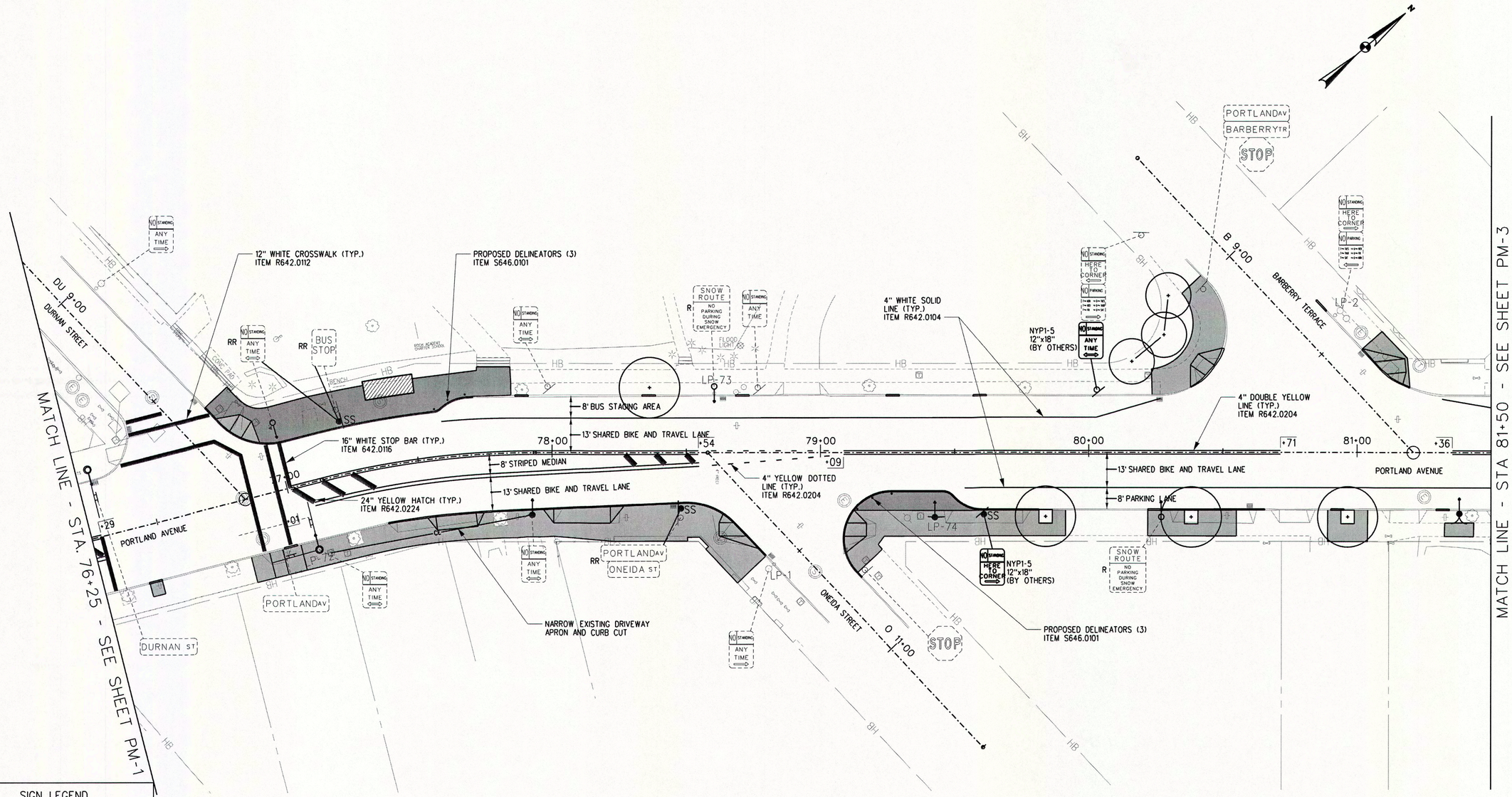

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LEGEND

- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- GRASS

DELINEATOR TABLE

STATION	SIDE	ITEM S646.0101 (EA)	ITEM S646.0301 (EA)
77+59	LT	3	-
79+21	RT	3	-

ITEM S646.0101 - DELINEATOR - PAVEMENT ANCHOR
ITEM S646.0301 - DELINEATOR - SOIL ANCHOR
NOTE: REFER TO DELINEATOR DETAIL ON DWG. CD-10.

NOTES:

1. STRIPING FOR THIS CONTRACT WILL BE CONSIDERED TEMPORARY. A FUTURE MILLING AND RESURFACING CONTRACT WILL FOLLOW WHERE PERMANENT STRIPING WILL BE INSTALLED WITH BICYCLE FACILITY STRIPING AND SIGNAGE.
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20' 0 20' 40'
SCALE: 1"=20'

DATE: JUNE 2015
SCALE: 1" = 20'
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO	DATE	DESCRIPTION	BY

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PORTLAND AVENUE REVITALIZATION

PAVEMENT MARKING AND SIGNAGE PLAN

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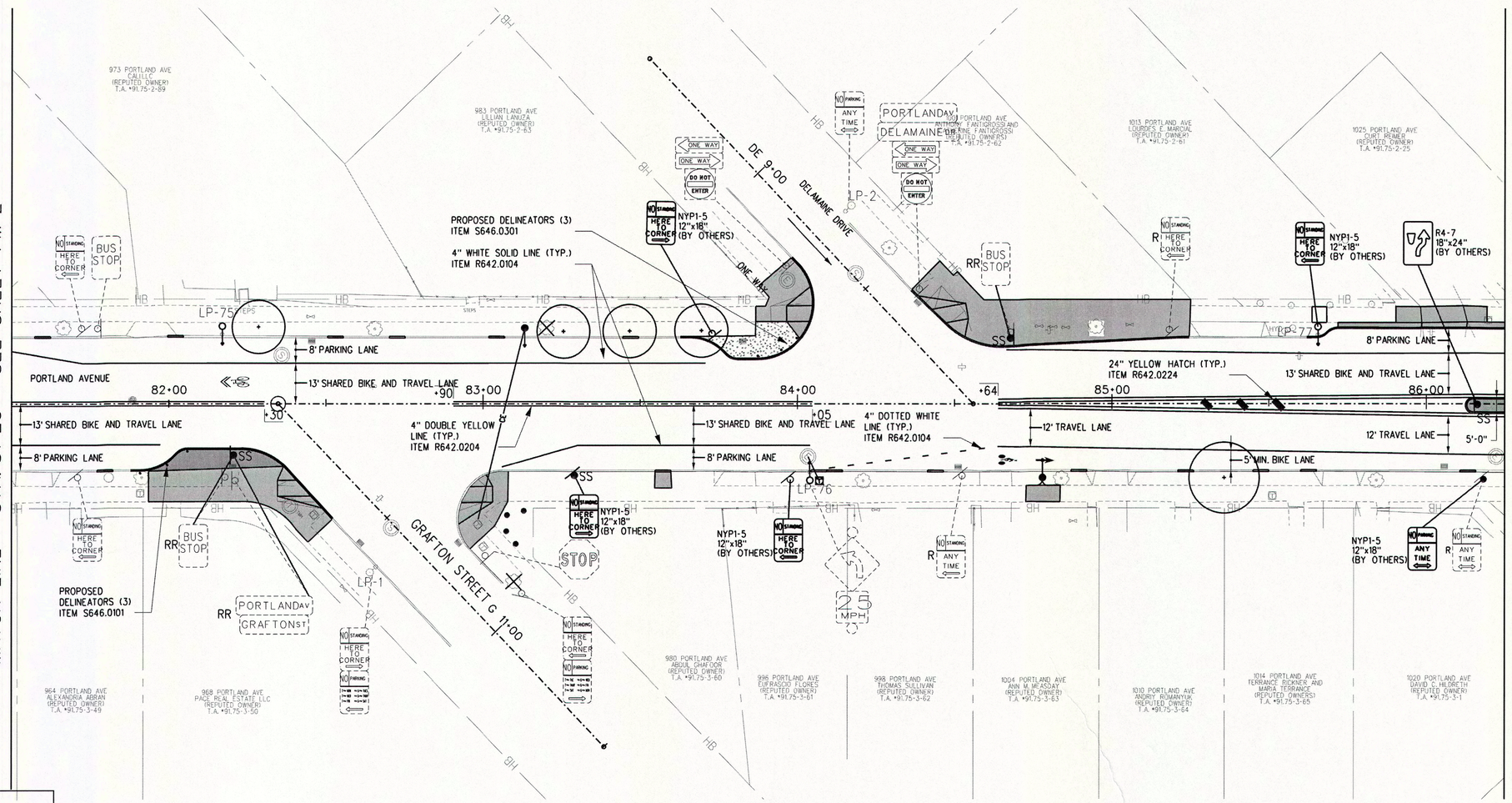
DRAWING NO.
PM-2
SHEET 44 OF 50
WENDEL JOB NUMBER
22134062



SIGN LEGEND

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  - PROPOSED
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- SIGN - EXISTING SIGN TO REMAIN
- SIGN - NEW SIGN LOCATION (BY OTHERS)
- ●SS - NEW SIGN SLEEVE ITEM C686.1611

LEGEND

- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- GRASS

DELINEATOR TABLE

STATION	SIDE	ITEM S646.0101 (EA)	ITEM S646.0301 (EA)
82+05	RT	3	-
83+95	LT	-	3

ITEM S646.0101 - DELINEATOR - PAVEMENT ANCHOR
ITEM S646.0301 - DELINEATOR - SOIL ANCHOR
NOTE: REFER TO DELINEATOR DETAIL ON DWG. CD-10.

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20' 0 20' 40'
SCALE: 1"=20'

DATE: JUNE 2015
SCALE: 1" = 20'
DESIGNED BY: PGW / CJL
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REVISIONS

NO	DATE	DESCRIPTION	BY

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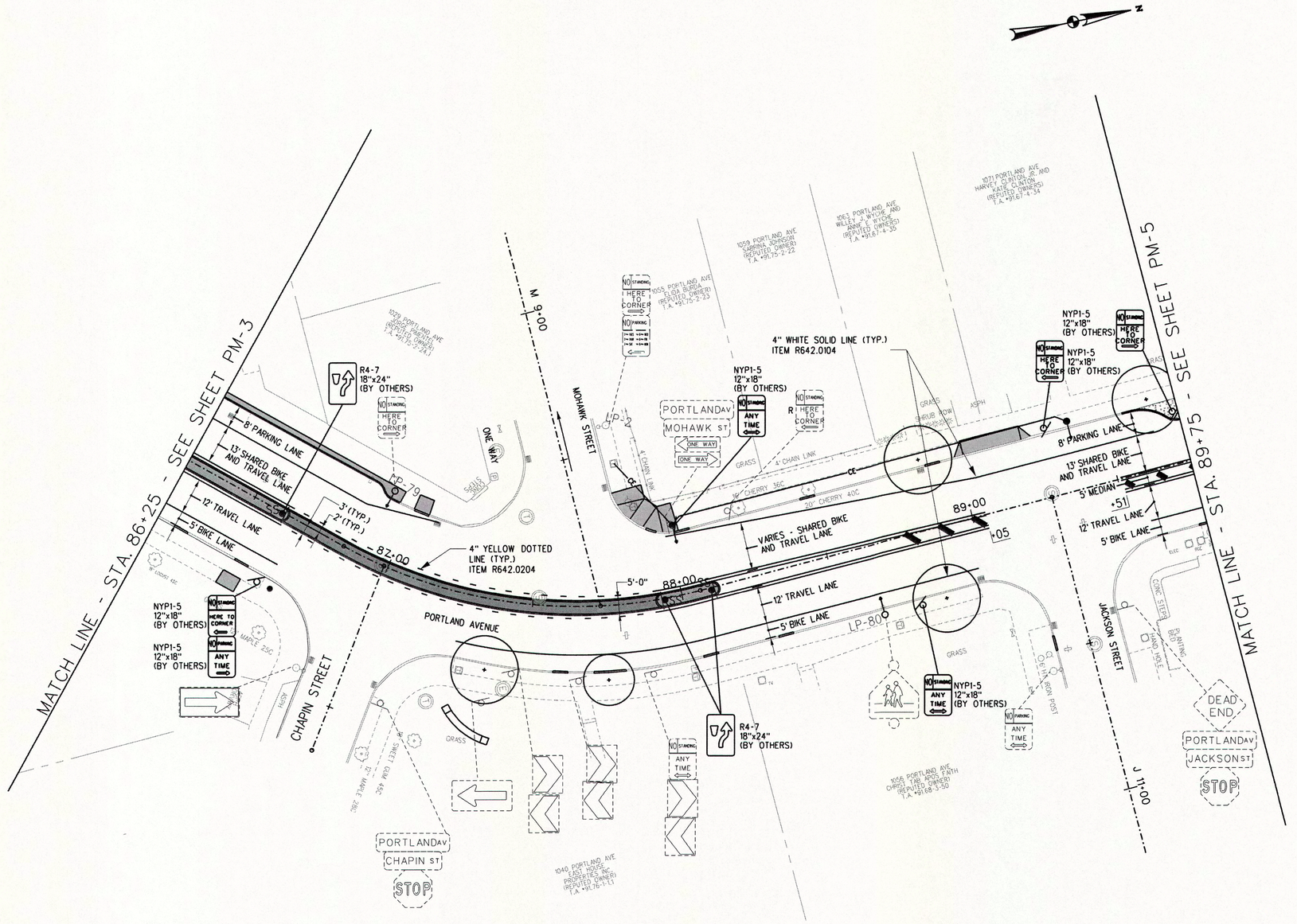
DRAWING NO.
PM-3
SHEET 45 OF 50
WENDEL JOB NUMBER
22134062



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20' 0 20' 40'
SCALE: 1"=20'

REVISIONS

NO.	DATE	DESCRIPTION	BY

DATE: JUNE 2015
SCALE: 1" = 20'
DESIGNED BY: PGW / CJL
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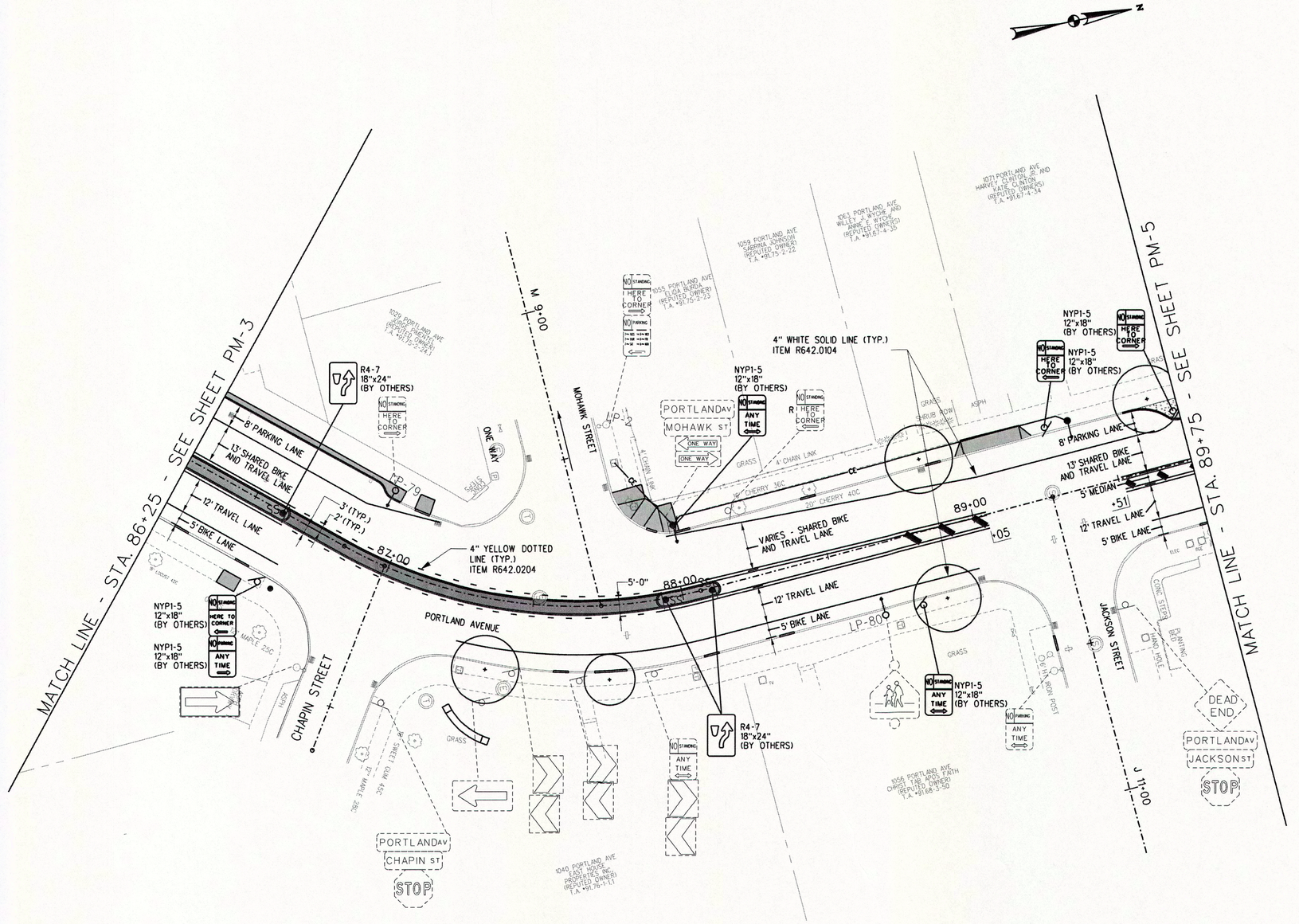
DRAWING NO.
PM-4
SHEET 46 OF 50
WENDEL JOB NUMBER
22134062



SIGN LEGEND

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  - PROPOSED
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- SIGN - EXISTING SIGN TO REMAIN
- SIGN - NEW SIGN LOCATION (BY OTHERS)
- ●SS - NEW SIGN SLEEVE ITEM C686.1611

LEGEND

- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- GRASS

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20' 0 20' 40'
SCALE: 1"=20'

Missing PM-5

DATE: JUNE 2015
SCALE: 1" = 20'
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

REVISIONS

NO	DATE	DESCRIPTION	BY

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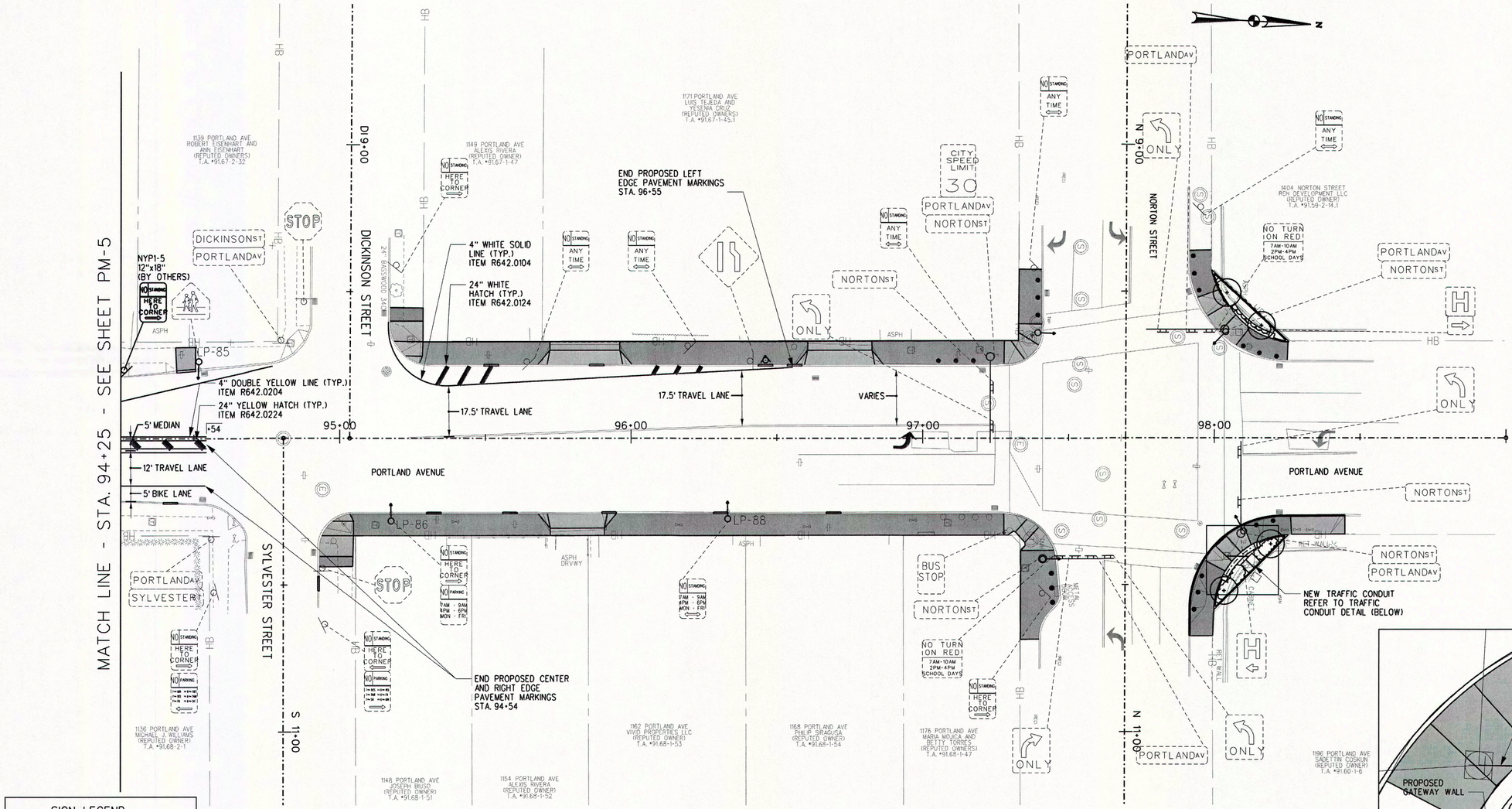
DRAWING NO. PM-4
SHEET 46 OF 50
WENDEL JOB NUMBER 22134062



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LEGEND

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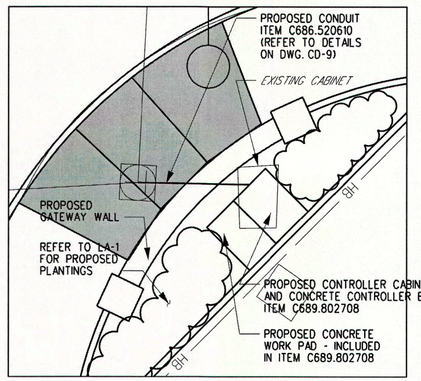

TRAFFIC CONDUIT DETAIL

NOT TO SCALE

20' 0 20' 40'

SCALE: 1"=20'

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: JUNE 2015
SCALE: 1" = 20'
DESIGNED BY: PGW / CJL
DRAWN BY: KLO / MD2

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PAVEMENT MARKING AND SIGNAGE PLAN

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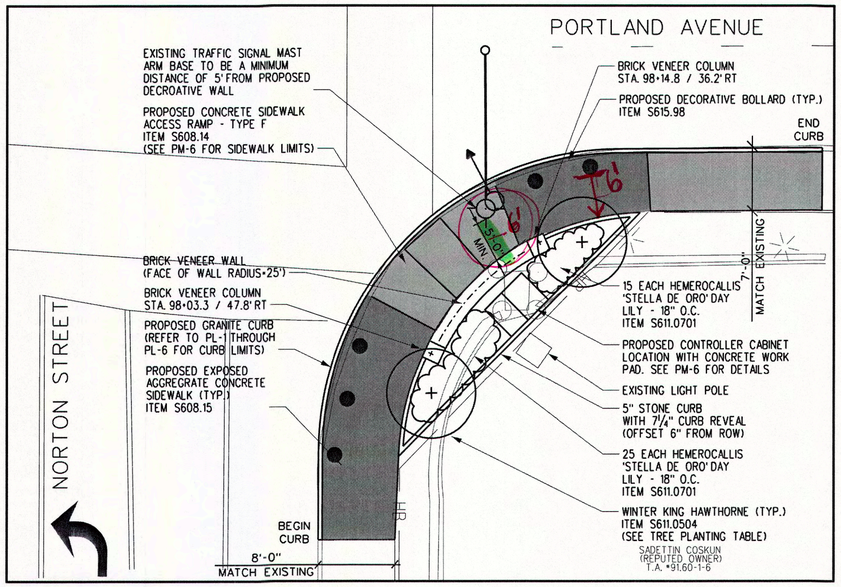
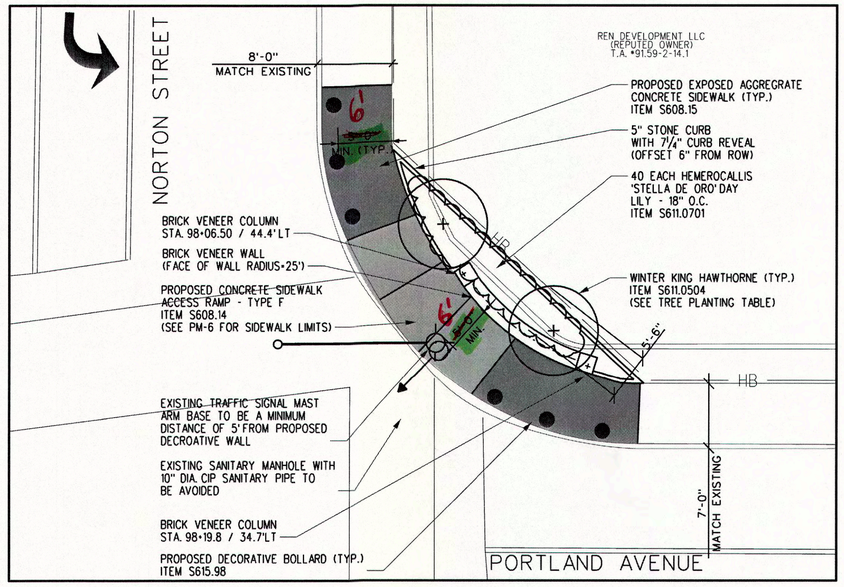
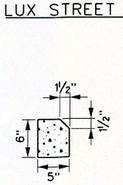
DRAWING NO.
PM-6
SHEET 48 OF 50
WENDEL JOB NUMBER
22134062



GATEWAY FEATURE WALL
LUX STREET (EAST) LOCATION DIAGRAM
NOT TO SCALE

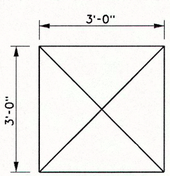


GATEWAY FEATURE WALL
LUX STREET (WEST) LOCATION DIAGRAM
NOT TO SCALE

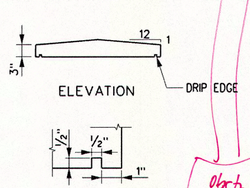


ELEVATION

CONCRETE LEDGE DETAIL



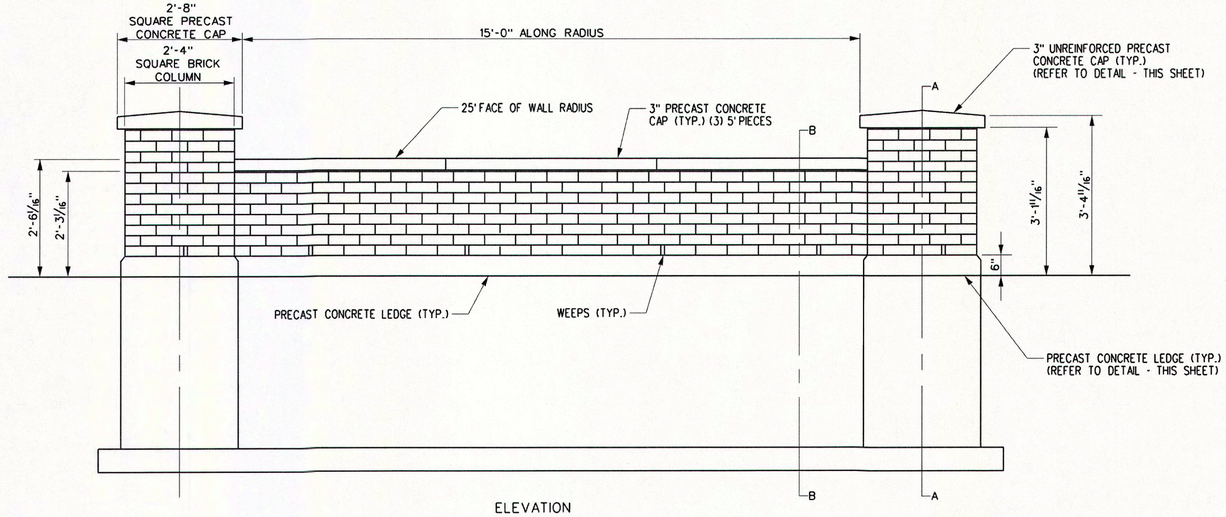
PLAN



ELEVATION

DRIP EDGE

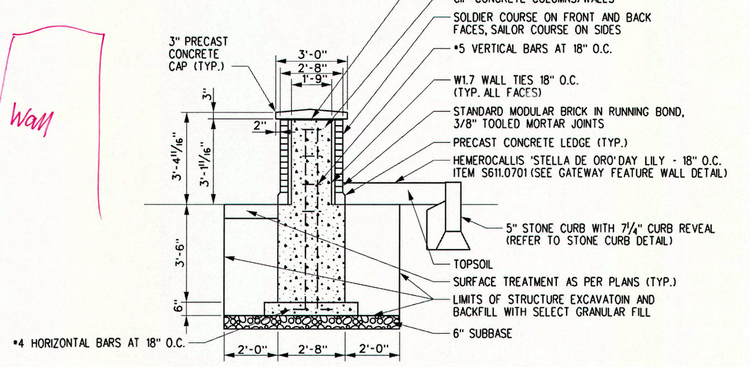
CONCRETE CAP DETAIL



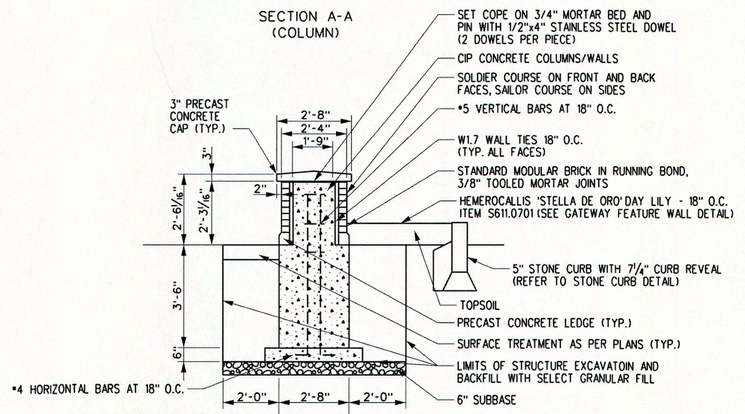
ELEVATION

GATEWAY FEATURE WALL - PORTLAND/NORTON INTERSECTION
NOT TO SCALE

NOTE:
1. ALL NORTON STREET GATEWAY WALL WORK TO BE INCLUDED IN ITEM S690.01000105.



SECTION A-A
(COLUMN)



SECTION B-B
(WALL)

THIS COULD BE A PROBLEM - CITY REQUIRES (REQUIRES) MIN OF 6' OF CLEARANCE BETWEEN OPPOSING FACES OF VERT ELEMENTS FOR SNOW PLOW OPERATIONS - BOLLARDS, WALL, LANDSCAPE CURB ARE ISSUES IN THAT SENSE

SEE DETAIL S608-33

6' MIN FOR SNOW PLOWS!

obstruction

wall

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: JUNE 2015
SCALE: NTS
DESIGNED BY: DM / TL
DRAWN BY: TL / KLO

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

LANDSCAPE DETAILS

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DRAWING NO.
LA-1
SHEET 49 OF 50
WENDEL JOB NUMBER
22134062

PLOTTED: $DATE$
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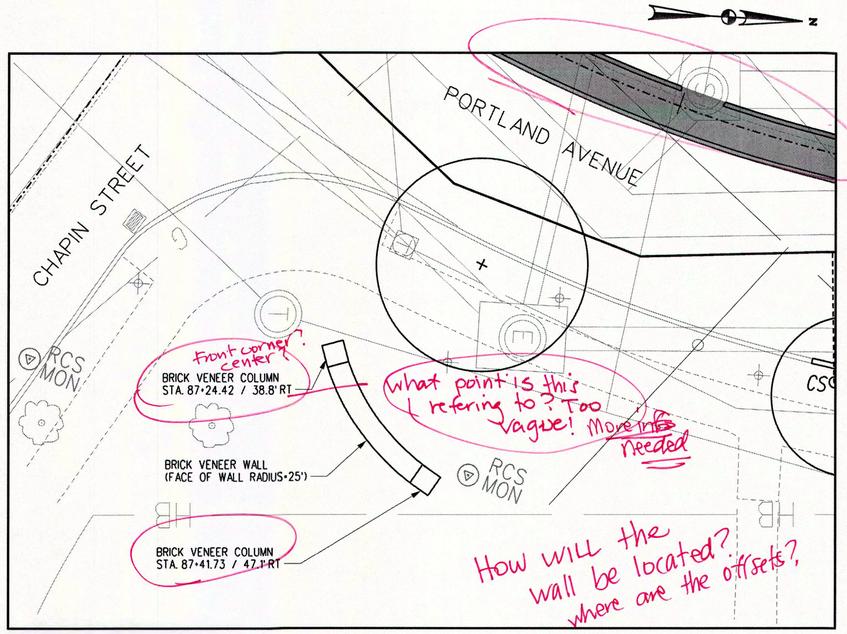
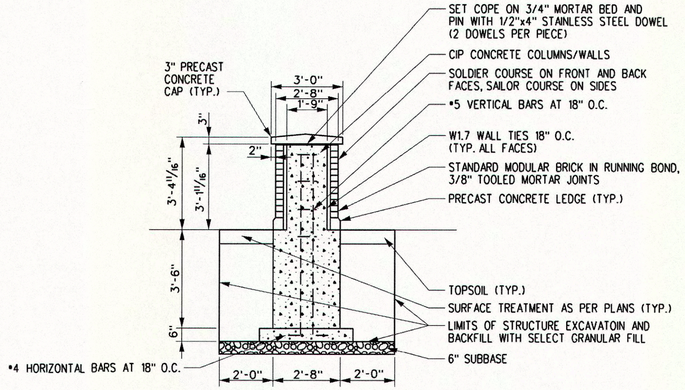
FILE: $FILE$

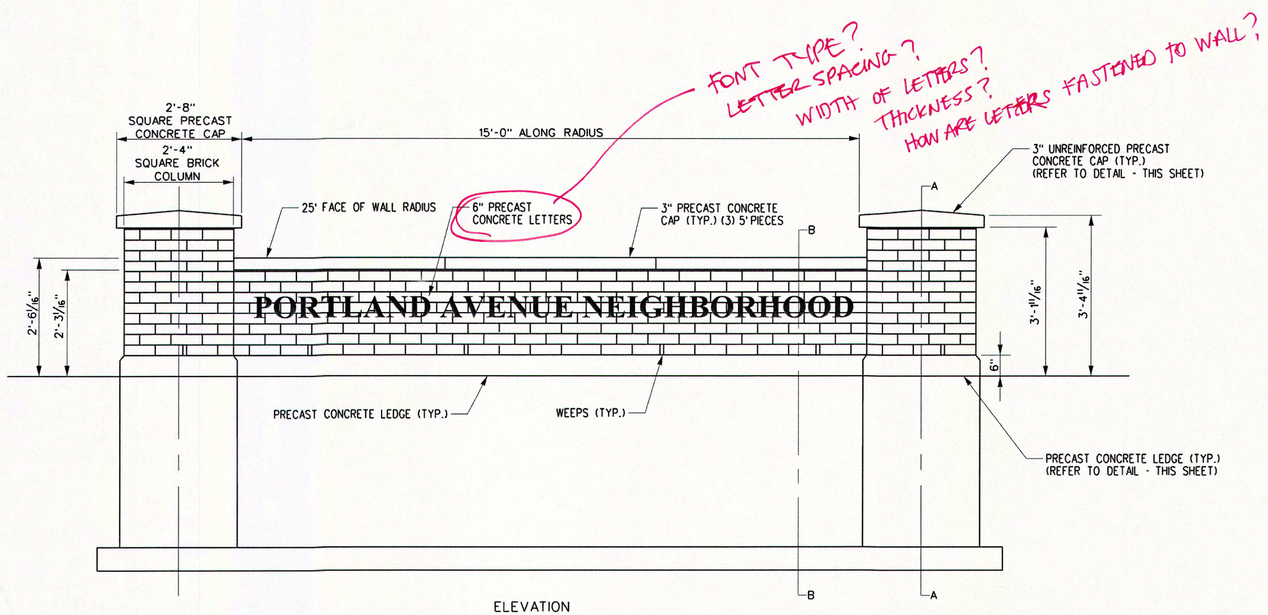


If referencing stationing & offset show STATIONS! ALSO SHOW TO SCALE!

GATEWAY FEATURE WALL
CHAPIN STREET LOCATION DIAGRAM
NOT TO SCALE → SHOW TO SCALE



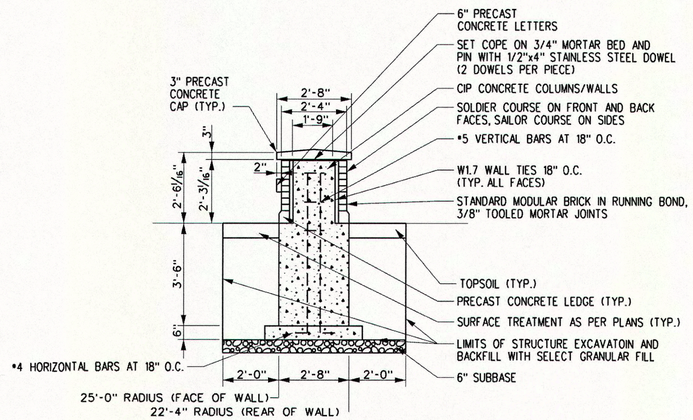
SECTION A-A
(COLUMN)



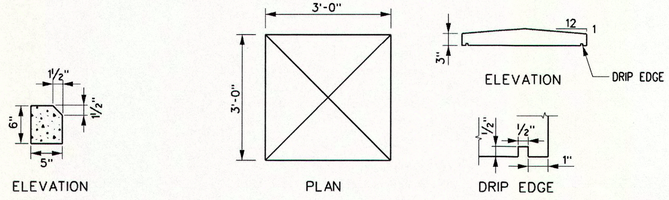
ELEVATION

GATEWAY FEATURE WALL - CHAPIN STREET
NOT TO SCALE

NOTE:
1. ALL CHAPIN STREET GATEWAY WALL WORK TO BE INCLUDED IN ITEM S690.01000205.



SECTION B-B
(WALL)



ELEVATION — PLAN — ELEVATION — DRIP EDGE

CONCRETE LEDGE DETAIL

CONCRETE CAP DETAIL

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