

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

BIDSET  
2/6/2015

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

DATE

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

DATE

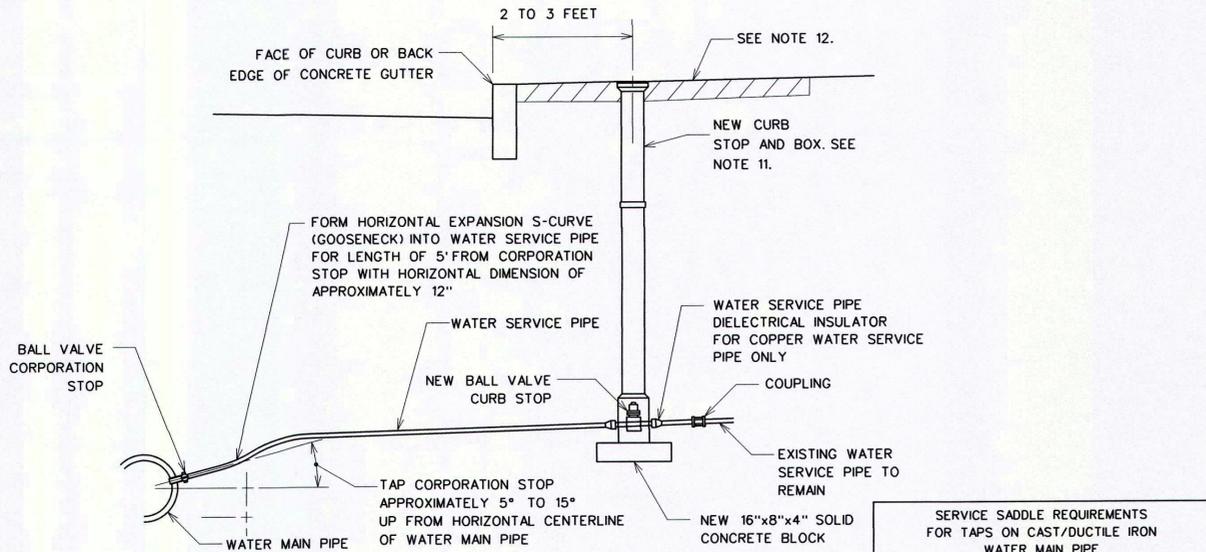
JAMES R. McINTOSH, P.E.  
CITY ENGINEER  
CITY OF ROCHESTER

DATE

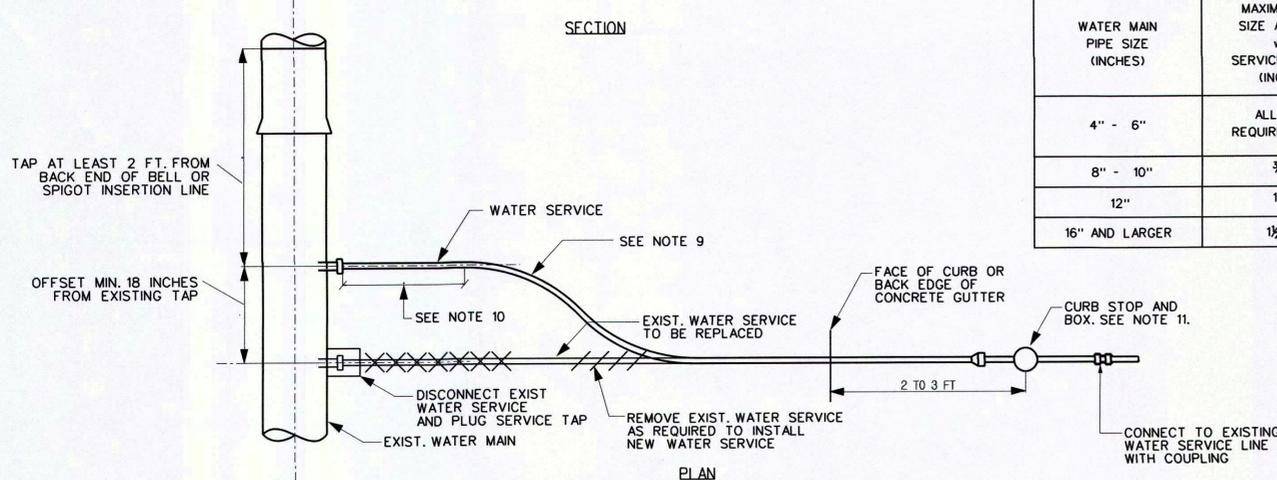
ROBERT L. MORRISON  
DIRECTOR OF WATER  
CITY OF ROCHESTER

DATE

*Revised 2/26/15 G06*

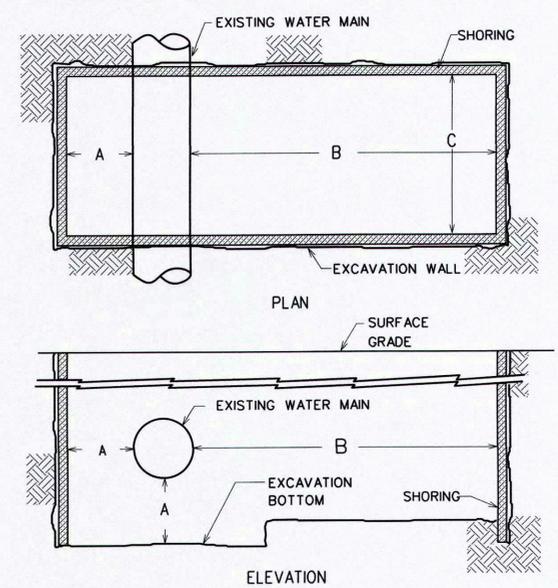


SERVICE SADDLE REQUIREMENTS FOR TAPS ON CAST/DUCTILE IRON WATER MAIN PIPE	
WATER MAIN PIPE SIZE (INCHES)	MAXIMUM TAP SIZE ALLOWED w/o SERVICE SADDLE (INCHES)
4" - 6"	ALL TAPS REQUIRE SADDLE
8" - 10"	¾"
12"	1"
16" AND LARGER	1½"



- 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 1-1/2 INCHES AND LARGER, ADD CURB BOX ARCH TO CURB BOX.
  5. TRACER WIRE MUST BE INSTALLED FOR PLASTIC WATER SERVICE PIPE. REFER TO PLASTIC SERVICE TRACER WIRE DETAIL ON DWG. CD-4.
  6. MAGNESIUM ANODE MUST BE INSTALLED FOR COPPER WATER SERVICE PIPE. REFER TO ANODE AT NEW WATER SERVICE ON EXISTING CAST/DUCTILE IRON WATER MAIN DETAIL ON DWG. CD-2.
  7. WARNING TAPE MUST BE INSTALLED WITH ALL OPEN CUT TRENCHED WATER SERVICE PIPE INSTALLATIONS.
  8. REFER TO THE OWNER'S APPROVED PRODUCT LIST FOR LIST OF APPROVED WATER SERVICE PRODUCTS.
  9. BENDING RADIUS FOR PE PIPE MUST BE GREATER THAN OR EQUAL TO 30x THE PIPE DIAMETER.
  10. DISTANCE BETWEEN BENDS AND FITTINGS FOR PE PIPE MUST BE AT LEAST 10x PIPE DIAMETER.
  11. LOCATION OF NEW CURB STOP AND BOX MAY NOT COINCIDE WITH THE LOCATION OF THE EXISTING CURB STOP AND BOX, BASED ON EXISTING CONDITIONS AND OTHER PROPOSED IMPROVEMENTS. CONFIRM FINAL LOCATION OF NEW CURB STOP AND BOX WITH OWNER IN THE FIELD.
  12. REMOVE AND REPLACE EXISTING CONCRETE SIDEWALK OR ASPHALT PAVEMENT AS REQUIRED TO INSTALL NEW SERVICE AND REMOVE EXISTING CURB STOP/BOX.
  13. BASED ON THE CITY OF ROCHESTER STANDARD DRAWING NO. R913-1

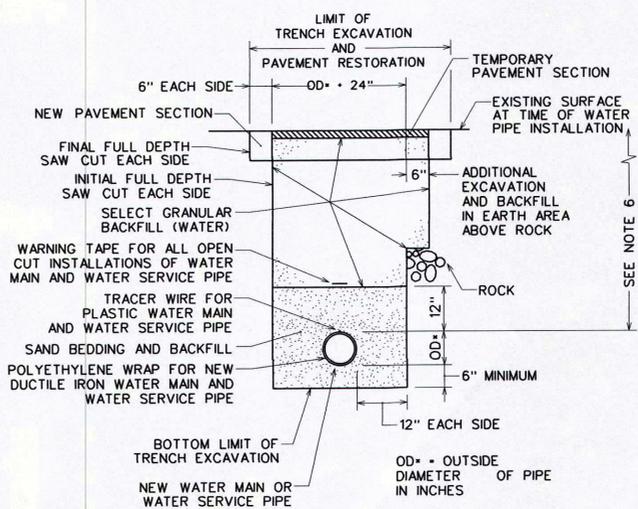
WATER SERVICE PIPE 2" DIAMETER AND SMALLER DETAIL  
NOT TO SCALE



- 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.
  4. BASED ON THE CITY OF ROCHESTER STANDARD DRAWING NO. S900-12

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"

WATER SERVICE TAP EXCAVATION DETAIL  
NOT TO SCALE



- NOTES:
1. LIMITS SHOWN ARE MAXIMUM ALLOWED AND MINIMUM REQUIRED FOR EXCAVATION (ITEM NO. R206.04) 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. UPPER LIMIT FOR SELECT GRANULAR BACKFILL (WATER) IS BOTTOM OF TEMPORARY PAVEMENT, IF USED, OTHERWISE TOP OF SURFACE.
  4. TEMPORARY OR PERMANENT BLOCKS OR ANY OTHER TYPE OF PIPE SUPPORT IS NOT TO BE USED DURING PIPE INSTALLATION.
  5. MINIMUM DEPTH OF COVER FOR WATER PIPE FROM TOP OF PROPOSED GRADE IS 4.50, UNLESS OTHERWISE NOTED ON PLANS OR AS DIRECTED BY THE OWNER.
  6. BASED ON THE CITY OF ROCHESTER STANDARD DRAWING NO. S900-2

WATER TRENCH PAVEMENT REHABILITATION DETAIL  
NOT TO SCALE

DATE	BY	DESCRIPTION
JAN. 2015 <td> <td></td> </td>	<td></td>	

CITY OF ROCHESTER, NEW YORK  
PORTLAND AVENUE REVITALIZATION  
CONSTRUCTION DETAILS

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DRAWING NO.  
CD-1  
SHEET 10 OF 44  
WENDEL JOB NUMBER  
22134062





**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): \_\_\_\_\_

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INSULATOR INSTALLED? \_\_\_\_\_ IF YES, WHERE: TAP \_\_\_\_\_ CURB STOP \_\_\_\_\_

ANODE INSTALLED? \_\_\_\_\_ IF YES, SIZE: \_\_\_\_\_ LBS., ATTACHED TO: TAP \_\_\_\_\_, SERVICE \_\_\_\_\_, MAIN \_\_\_\_\_

INSIDE SERVICE MATERIAL & SIZE: \_\_\_\_\_

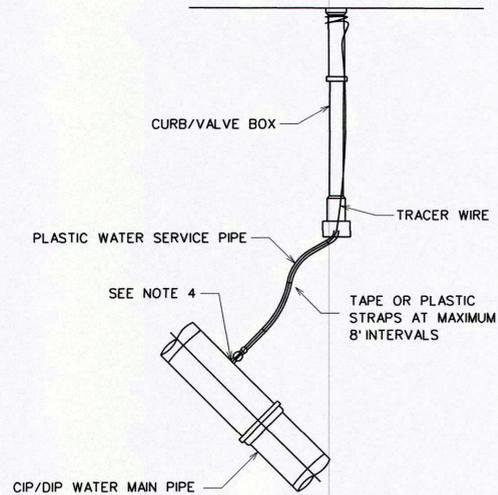
\* MEASURED FROM ROW OF NEAREST INTERSECTING STREET OR HYDRANT, WHICHEVER IS CLOSER OCT. 2013

**NOTES:**

1. WATER SERVICE CARD WILL BE SUPPLIED BY THE OWNER. 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 HYDRANT IS NOT AVAILABLE, THEN ANOTHER PERMANENT FEATURE, PRE-APPROVED BY THE OWNER, 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 THE CURB STOP MUST BE SHOWN IN THE SKETCH.
7. WATER SERVICE CARDS SHALL BE COMPLETED FOR EACH NEW SERVICE, EXISTING SERVICE THAT IS REPLACED, AND EXISTING SERVICE THAT IS ABANDONED.

WATER SERVICE CARD DETAIL

NOT TO SCALE

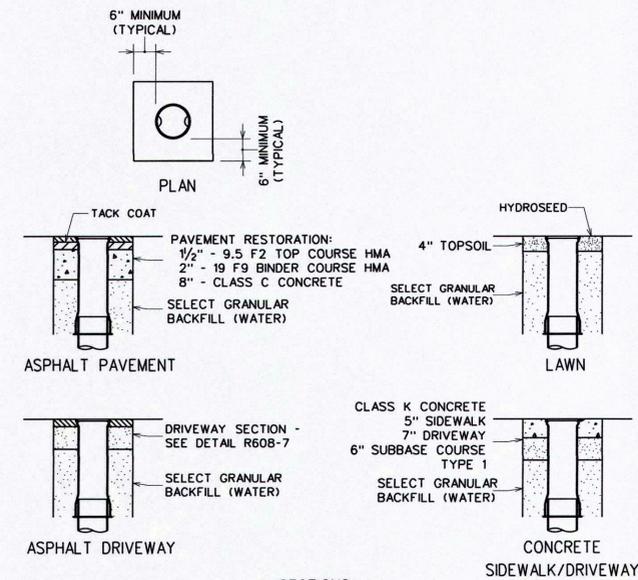


**NOTES:**

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, WATER SERVICE TRACER WIRE IS TO BE 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 PLASTIC STRAPS OR TAPE 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.
5. BASED ON THE CITY OF ROCHESTER STANDARD DRAWING NO. 901-9

PLASTIC WATER SERVICE TRACER WIRE DETAIL

NOT TO SCALE



**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.

WATER VALVE BOX ADJUSTMENT OR REPLACEMENT DETAIL

NOT TO SCALE

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

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PORTLAND AVENUE REVITALIZATION  
CONSTRUCTION DETAILS**



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DRAWING NO.

**CD-4**

SHEET 13 OF 44

WENDEL JOB NUMBER  
22134062

WATER SERVICES TABLE											
CENTERLINE STATION AND OFFSET	ADDRESS	EXISTING SERVICE			DIRECTION OF OFFSET FROM EXISTING TAP	DISPOSITION	PROPOSED WATER SERVICE			DEPTH OF EXISTING WATER MAIN AT TAP LOCATION (APPROXIMATE)	ITEM NO.
		SIZE	MATERIAL	STATUS			SIZE	MATERIAL	LENGTH		
72 + 22 LT	833-835 PORTLAND	5/8"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	17	4 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
72 + 63 LT	845 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	11	4 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
72 + 79 RT	852-854 PORTLAND AVE	5/8"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	40	4 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
73 + 24 RT	856 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	40	4 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
73 + 47 LT	857 PORTLAND AVE	1/2"	UNKNOWN	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	15	4 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
73 + 72 RT	858 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	41	4 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
74 + 17 RT *	860 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	44	4 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
74 + 63 RT	870 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	41	3.5 - 4.5 FT	S912.090075, S913.030075, S914.030075, S966.0332
75 + 08 RT	870-A PORTLAND	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE		N/A		3.5 - 4.5 FT	S912.06, S966.0332
75 + 19 LT	873-877 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	12	3.5 - 4.5 FT	S912.090075, S913.030075, S914.030075, S966.0332
75 + 47 LT	883-887 PORTLAND	1/2"	GALVANIZED	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	11	3.5 - 4.5 FT	S912.090075, S913.030075, S914.030075, S966.0332
75 + 52 LT	883-887 PORTLAND	2"	COPPER	ACTIVE	N/A	NO WORK		N/A		3.5 - 4.5 FT	N/A
76 + 52 RT	892-902 PORTLAND AVE	5/8"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	40	4.2 - 5.0 FT	S912.090075, S913.030075, S914.030075, S966.0332
76 + 96 RT	898-902 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	46	4.2 - 5.0 FT	S912.090075, S913.030075, S914.030075, S966.0332
77 + 42 RT	906-908 PORTLAND AVE	UNKNOWN	UNKNOWN	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	41	4.2 - 5.0 FT	S912.090075, S913.030075, S914.030075, S966.0332
77 + 65 LT	927 PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE		N/A		4.2 - 5.0 FT	S912.06, S966.0332
77 + 87 RT *	910-912 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	39	4.2 - 5.0 FT	S912.090075, S913.030075, S914.030075, S966.0332
77 + 91 LT	929 PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE		N/A		4.2 - 5.0 FT	S912.06, S966.0332
78 + 28 RT	920 PORTLAND AVE	5/8"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	38	4.2 - 5.0 FT	S912.090075, S913.030075, S914.030075, S966.0332
78 + 40 LT	923 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	14	4.2 - 5.0 FT	S912.090075, S913.030075, S914.030075, S966.0332
78 + 69 LT	931 PORTLAND AVE	1/2"	COPPER	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE		N/A		4.2 - 5.0 FT	S912.06, S966.0332
79 + 27 LT	925 PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE		N/A		4.2 - 5 FT	S912.06, S966.0332
79 + 59 LT	933 PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE		N/A		4.2 - 5 FT	S912.06, S966.0332
79 + 76 RT	924 PORTLAND AVE	5/8"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE		N/A		4.2 - 5 FT	S912.06, S966.0332
80 + 24 RT	930 PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE		N/A		4.2 - 5 FT	S912.06, S966.0332
80 + 52 RT	936 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	37	4.2 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
80 + 91 RT	954 PORTLAND AVE	5/8"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	36	4.2 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
81 + 32 RT *	960 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	36	4.5 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332

HYDRANT TABLE  
VALUE TABLE

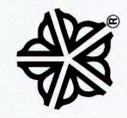
ITEM NO.	DESCRIPTION	UNIT
S901.050306	6" DUCTILE IRON PIPE CLASS 52 FOR HYDRANT BRANCH	LF
S906.0110	10" INSERTION SLEEVE	EA
S909.06	REMOVE EXISTING WATER VALVE BOX (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S912.06	ABANDON EXISTING WATER SERVICE AT TAP (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S912.090075	NEW 3/4" WATER SERVICE TAP AT WATER MAIN, CORPORATION STOP AND CONNECTION (INCLUDING ABANDONMENT OF EXISTING TAP) (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S912.090100	NEW 1" WATER SERVICE TAP AT WATER MAIN, CORPORATION STOP AND CONNECTION (INCLUDING ABANDONMENT OF EXISTING TAP) (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S913.030075	NEW 3/4" COPPER WATER SERVICE (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	LF
S913.130100	NEW 1" POLYETHYLENE WATER SERVICE (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	LF
S914.030075	FURNISH AND INSTALL NEW 3/4" CURB STOP AND BOX AT NEW WATER SERVICE (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S914.030100	FURNISH AND INSTALL NEW 1" CURB STOP AND BOX AT NEW WATER SERVICE (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S914.15	ADJUST EXISTING CURB BOX (INCLUDING EXCAVATION, BACKFILL, AND RESTORATION)	EA
S917.01	NEW HYDRANT	EA
S917.02	NEW HYDRANT (INCLUDING REMOVAL OF EXISTING HYDRANT)	EA
S917.05	REMOVE EXISTING HYDRANT	EA
S923.0112	BELL JOINT LEAK CLAMP	EA
S962.01	JOINT BOND	EA
S966.0332	32 POUND MAGNESIUM ANODE	EA
S966.0317	17 POUND MAGNESIUM ANODE	EA

NOTES:

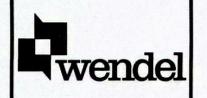
- PRIOR TO COMMENCING WORK, CONTRACTOR IS TO VERIFY LOCATION AND DISPOSITION OF ALL WATER SERVICE WORK.
- TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER SERVICES.
- ALL NEW WATER SERVICE TAPS MUST BE A MINIMUM OF 18" FROM EXISTING TAP.
- CONTRACTOR TO PROVIDE WATER SERVICE LOCATION CARD FOR ALL NEW WATER SERVICES. SEE DETAIL 2 ON DWG CD-2.
- INSTALL 32 POUND ANODE AT WATERMAIN WITH ALL NEW SERVICE TAPS.

DATE:	JAN. 2015
SCALE:	NTS
DESIGNED BY:	PGW/C/L
DRAWN BY:	RLO/MDZ
NO.	DATE
REVISIONS	DESCRIPTION

CITY OF ROCHESTER, NEW YORK  
PORTLAND AVENUE REVITALIZATION  
CONSTRUCTION TABLES



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WENDEL  
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7208 SUBDIVISION 2 OF THE NEW YORK STATE ENGINEERING DEPARTMENT REGULATIONS. ALL ALTERATIONS SHALL BE ACCOMPANIED BY THE SEAL AND SIGNATURE OF THE REGISTERED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT MAKING SAID ALTERATION WITH THE STATEMENT OF DESCRIPTION OF THE ALTERATIONS MADE.



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Rochester, NY 14604  
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Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C.

DRAWING NO.  
**CT-1**  
SHEET 25 OF 44  
WENDEL JOB NUMBER  
22134062

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

WATER SERVICES TABLE											
CENTERLINE STATION AND OFFSET	ADDRESS	EXISTING SERVICE			DIRECTION OF OFFSET FROM EXIST TAP	DISPOSITION	PROPOSED WATER SERVICE			DEPTH OF EXISTING WATER MAIN AT TAP LOCATION (APPROXIMATE)	ITEM NO.
		SIZE	MATERIAL	STATUS			SIZE	MATERIAL	LENGTH		
81 + 61 LT *	957 PORTLAND AVE	5/8"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	15	4.5 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
81 + 81 RT *	964 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	35	4.5 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
82 + 02 LT	971 PORTLAND AVE	5/8"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			4.5 - 5 FT	S912.06, S966.0332
82 + 19 RT	968 PORTLAND AVE	5/8"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	34	4.5 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
82 + 51 LT	973-975 PORTLAND AVE	5/8"	GALVANIZED	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	18	4.5 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
83 + 02 LT	983 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	18	4.7 - 5 FT	S912.090075, S913.030075, S914.030075, S966.0332
83 + 47 LT	997 PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			4.7 - 5 FT	S912.06, S966.0332
83 + 57 RT	982-986 PORTLAND AVE	5/8"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			4.7 - 5 FT	S912.06, S966.0332
84 + 08 RT *	996 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	34	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
84 + 42 RT	998-1002 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	35	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
84 + 81 LT	1001-1005 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	16	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
84 + 88 RT *	1004 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	35	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
85 + 15 LT	1009 PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			4.7 - 5 FT	S912.06, S966.0332
85 + 22 RT	1010 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	35	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
85 + 64 RT	1014 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	37	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
85 + 66 LT	1013-1015 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	22	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
86 + 02 LT	1025-1027 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	19	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
86 + 12 RT	1020 PORTLAND AVE	5/8"	COPPER	ACTIVE	N/A	NO WORK	N/A			4.7 - 5 FT	N/A
86 + 37 LT	1027-A PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			4.7 - 5 FT	S912.06, S966.0332
87 + 03 LT	1029-1033 PORTLAND AVE	3/4"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	19	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
87 + 06 LT	1037 PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			4.7 - 5 FT	S912.06, S966.0332
87 + 63 RT	1036 PORTLAND AVE	5/8"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			4.7 - 5 FT	S912.06, S966.0332
87 + 75 RT	1040 PORTLAND AVE	5/8"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	12	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
88 + 05 RT	1040-A PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			4.7 - 5 FT	S912.06, S966.0332
88 + 05 LT	1055-1057 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	37	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
89 + 32 RT	1056 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	15	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
88 + 47 LT *	1059 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	37	4.7 - 5 FT	S912.090100, S913.160100, S914.030100, S966.0332
88 + 90 LT	1063 PORTLAND AVE	3/4"	COPPER	ACTIVE	N/A	NO WORK	N/A			4.7 - 5 FT	N/A

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

ITEM NO.	DESCRIPTION	UNIT
S901.050306	6" DUCTILE IRON PIPE CLASS 52 FOR HYDRANT BRANCH	LF
S906.0110	10" INSERTION SLEEVE	EA
S909.06	REMOVE EXISTING WATER VALVE BOX (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S912.06	ABANDON EXISTING WATER SERVICE AT TAP (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S912.090075	NEW 3/4" WATER SERVICE TAP AT WATER MAIN, CORPORATION STOP AND CONNECTION (INCLUDING ABANDONMENT OF EXISTING TAP) (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S912.090100	NEW 1" WATER SERVICE TAP AT WATER MAIN, CORPORATION STOP AND CONNECTION (INCLUDING ABANDONMENT OF EXISTING TAP) (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S913.030075	NEW 3/4" COPPER WATER SERVICE (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	LF
S913.130100	NEW 1" POLYETHYLENE WATER SERVICE (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	LF
S914.030075	FURNISH AND INSTALL NEW 3/4" CURB STOP AND BOX AT NEW WATER SERVICE (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S914.030100	FURNISH AND INSTALL NEW 1" CURB STOP AND BOX AT NEW WATER SERVICE (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S914.15	ADJUST EXISTING CURB BOX (INCLUDING EXCAVATION, BACKFILL, AND RESTORATION)	EA
S917.01	NEW HYDRANT	EA
S917.02	NEW HYDRANT (INCLUDING REMOVAL OF EXISTING HYDRANT)	EA
S917.05	REMOVE EXISTING HYDRANT	EA
S923.0112	BELL JOINT LEAK CLAMP	EA
S962.01	JOINT BOND	EA
S966.0332	32 POUND MAGNESIUM ANODE	EA

NOTES:

- PRIOR TO COMMENCING WORK, CONTRACTOR IS TO VERIFY LOCATION AND DISPOSITION OF ALL WATER SERVICE WORK.
- TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER SERVICES.
- ALL NEW WATER SERVICE TAPS MUST BE A MINIMUM OF 18" FROM EXISTING TAP.
- CONTRACTOR TO PROVIDE WATER SERVICE LOCATION CARD FOR ALL NEW WATER SERVICES. SEE DETAIL 2 ON DWG CD-2.
- INSTALL 32 POUND ANODE AT WATERMAIN WITH ALL NEW SERVICE TAPS. *AND ABANDONMENTS*

DATE:	JAN. 2015
SCALE:	NTS
DESIGNED BY:	PGW/CIL
DRAWN BY:	KLO/MD2

REVISIONS

NO.	DATE	DESCRIPTION

CITY OF ROCHESTER, NEW YORK  
PORTLAND AVENUE REVITALIZATION



CONSTRUCTION TABLES

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NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 205 OF THE GENERAL BUILDING LAW OF THE STATE OF NEW YORK. ANY ALTERATIONS SHALL BE ACCOMPANIED BY A PERMIT FROM THE CITY ENGINEER, LAND SURVEYOR, ARCHITECT, OR LICENSED ARCHITECT MAKING SAID ALTERATIONS FOLLOWED BY A PERMIT MADE.



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DRAWING NO.  
**CT-2**

SHEET 26 OF 44

WENDEL JOB NUMBER  
22134062

WATER SERVICES TABLE											
CENTERLINE STATION AND OFFSET	ADDRESS	EXISTING SERVICE			DIRECTION OF OFFSET FROM EXIST TAP	DISPOSITION	PROPOSED WATER SERVICE			DEPTH OF EXISTING 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	N/A	NO WORK	N/A			4.7 - 5.7 FT	N/A
89 + 73 RT	1074 PORTLAND AVE	5/8"	GALVANIZED	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	16	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
90 + 21 RT	1080 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	18	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
90 + 47 LT	1087 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	28	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
90 + 71 RT	1088 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	18	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
90 + 87 LT	1091 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	32	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
91 + 12 RT *	1092 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	19	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
91 + 24 LT	1095 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	33	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
91 + 66 LT	1105 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	34	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
92 + 06 LT	1109 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	28	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
92 + 50 RT	1112 PORTLAND AVE	3/4"	COPPER	ACTIVE	N/A	NO WORK	N/A			3.75 - 4.6 FT	N/A
92 + 79 RT *	1116 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	18	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
93 + 14 RT	1122 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	17	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
93 + 18 LT *	1119 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	33	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
93 + 55 RT	1122-A PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			3.75 - 4.6 FT	S912.06, S966.0332
93 + 58 LT	1123 PORTLAND AVE	3/4"	COPPER	ACTIVE	N/A	NO WORK	N/A			3.75 - 4.6 FT	N/A
94 + 03 LT *	1129-1131 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	35	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
94 + 10 RT	1130 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	16	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
94 + 42 RT	1136 PORTLAND AVE	5/8"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			3.75 - 4.6 FT	S912.06, S966.0332
94 + 45 LT	1139 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	39	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
95 + 34 RT	1148 PORTLAND AVE	3/4"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	19	3.75 - 4.6 FT	S912.090075, S913.030075, S914.030075, S966.0332
95 + 50 LT	1149-1151 PORTLAND AVE	3/4"	COPPER	ACTIVE	N/A	NO WORK	N/A			3.75 - 4.6 FT	N/A
95 + 60 RT	1154 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	19	3.75 - 4.6 FT	S912.090075, S913.030075, S914.030075, S966.0332
95 + 88 LT	1155 PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			3.75 - 4.6 FT	S912.06, S966.0332
95 + 91 RT	1156-1162 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	23	3.75 - 4.6 FT	S912.090075, S913.030075, S914.030075, S966.0332
96 + 31 RT	1158-A PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			3.75 - 4.6 FT	S912.06, S966.0332
96 + 68 RT	1164-1168 PORTLAND AVE	1"	GALVANIZED	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	20	3.75 - 4.6 FT	S912.090075, S913.030075, S914.030075, S966.0332

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

ITEM NO.	DESCRIPTION	UNIT
S901.050306	6" DUCTILE IRON PIPE CLASS 52 FOR HYDRANT BRANCH	LF
S906.0110	10" INSERTION SLEEVE	EA
S909.06	REMOVE EXISTING WATER VALVE BOX (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S912.06	ABANDON EXISTING WATER SERVICE AT TAP (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S912.090075	NEW 3/4" WATER SERVICE TAP AT WATER MAIN, CORPORATION STOP AND CONNECTION (INCLUDING ABANDONMENT OF EXISTING TAP) (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S912.090100	NEW 1" WATER SERVICE TAP AT WATER MAIN, CORPORATION STOP AND CONNECTION (INCLUDING ABANDONMENT OF EXISTING TAP) (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S913.030075	NEW 3/4" COPPER WATER SERVICE (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	LF
S913.130100	NEW 1" POLYETHYLENE WATER SERVICE (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	LF
S914.030075	FURNISH AND INSTALL NEW 3/4" CURB STOP AND BOX AT NEW WATER SERVICE (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S914.030100	FURNISH AND INSTALL NEW 1" CURB STOP AND BOX AT NEW WATER SERVICE (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	EA
S914.15	ADJUST EXISTING CURB BOX (INCLUDING EXCAVATION, BACKFILL, AND RESTORATION)	EA
S917.01	NEW HYDRANT	EA
S917.02	NEW HYDRANT (INCLUDING REMOVAL OF EXISTING HYDRANT)	EA
S917.05	REMOVE EXISTING HYDRANT	EA
S923.0112	BELL JOINT LEAK CLAMP	EA
S962.01	JOINT BOND	EA
S966.0332	32 POUND MAGNESIUM ANODE	EA

NOTES:

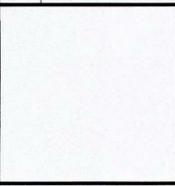
- PRIOR TO COMMENCING WORK, CONTRACTOR IS TO VERIFY LOCATION AND DISPOSITION OF ALL WATER SERVICE WORK.
- TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER SERVICES.
- ALL NEW WATER SERVICE TAPS MUST BE A MINIMUM OF 18" FROM EXISTING TAP.
- CONTRACTOR TO PROVIDE WATER SERVICE LOCATION CARD FOR ALL NEW WATER SERVICES. SEE DETAIL 2 ON DWG CD-2.
- INSTALL 32 POUND ANODE AT WATERMAIN WITH ALL NEW SERVICE TAPS. ADD ABANDONMENTS

DATE: JAN. 2015	SCALE: NTS	DESIGNED BY: PGW/CUL	DRAWN BY: KCO/MDZ
REVISIONS			
NO.	DATE	DESCRIPTION	

CITY OF ROCHESTER, NEW YORK  
 PORTLAND AVENUE REVITALIZATION  
 CONSTRUCTION TABLES

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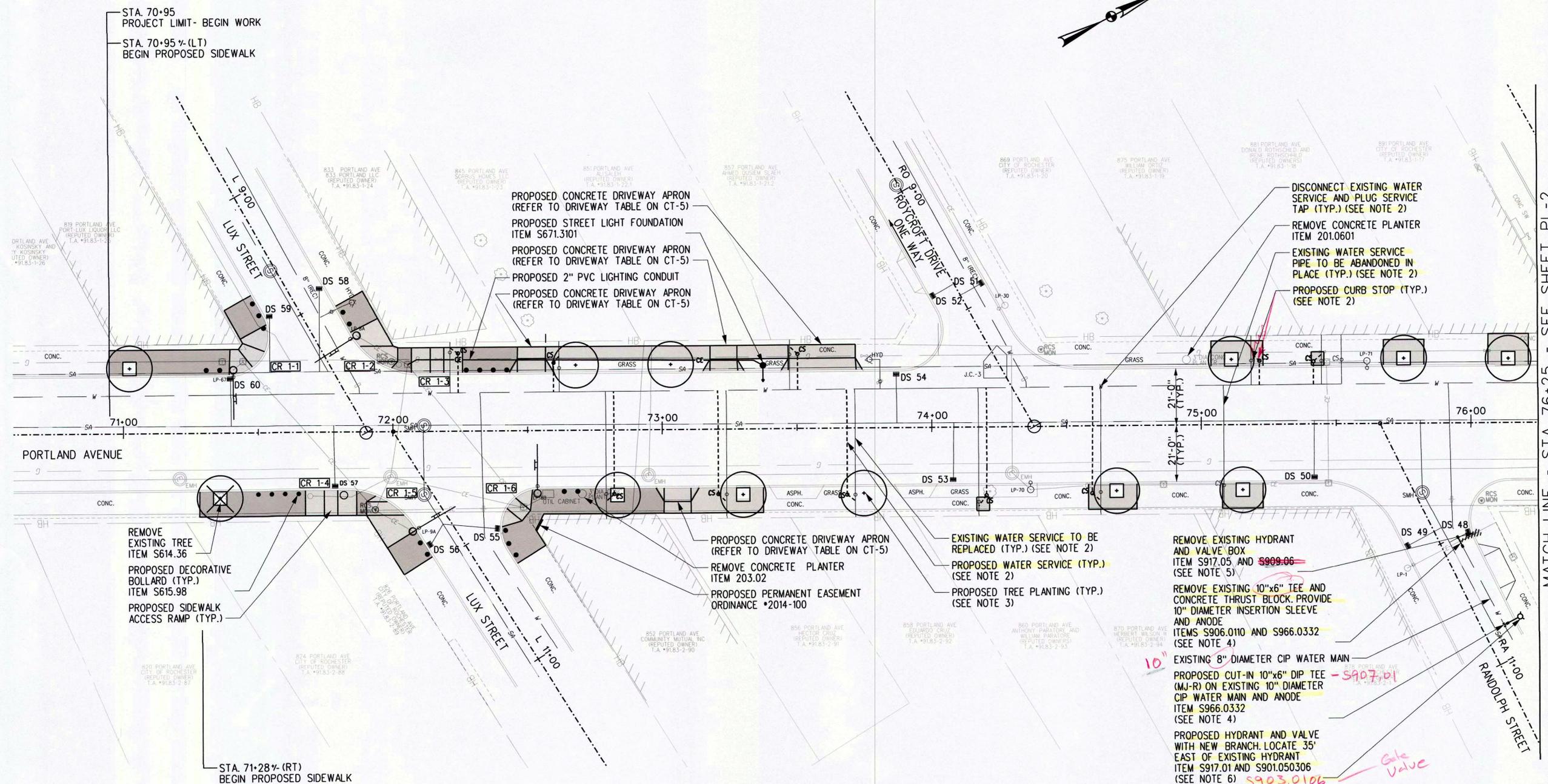
NO ALTERATION PERMITTED HEREON WITHOUT THE WRITTEN CONSENT OF THE CITY OF ROCHESTER, NEW YORK. ANY ALTERATION SHALL BE MADE IN ACCORDANCE WITH THE STATE EDUCATION LAW, ANY REGULATIONS THEREUNDER, AND THE SIGNATURE OF THE ENGINEER AND SURVEYOR. ANY ALTERATION WITH THE STATEMENT OF THE ENGINEER AND SURVEYOR SHALL BE MADE.



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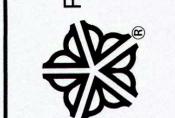
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DRAWING NO.  
**CT-3**  
 SHEET 27 OF 44  
 WENDEL JOB NUMBER  
 22134062



MATCH LINE - STA. 76+25 - SEE SHEET PL-2

CITY OF ROCHESTER, NEW YORK  
 PORTLAND AVENUE REVITALIZATION  
 ROADWAY PLAN



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DRAWING NO.  
**PL-1**  
 SHEET 32 OF 44  
 WENDEL JOB NUMBER  
 22134062

NO.	DATE	REVISIONS	DESCRIPTION

DATE: FEB. 2015  
 SCALE: 1" = 20'  
 DESIGNED BY: PGW/CIL  
 DRAWN BY: KLO/MD2

**LEGEND**

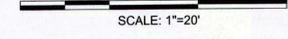
	CONCRETE
	EXPOSED AGGREGATE CONCRETE
	GRASS

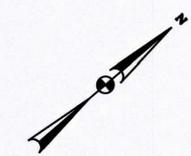
**SIDEWALK ACCESS RAMPS**

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:**
- EXISTING BASEMAPPING FEATURES SHOWN ON DRAWING PL-1 ARE FROM RECORD DRAWINGS ONLY AND HAVE NOT BEEN FIELD SURVEYED.
  - REFER TO WATER SERVICE PIPE 2" DIAMETER AND SMALLER DETAIL ON CD-1 AND WATER SERVICE TABLE ON CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION.
  - FOR LOCATIONS AND SPECIES OF PROPOSED TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON CT-5.
  - REFER TO INSERTION SLEEVE AND CUT-IN TEE ON EXISTING IRON PIPE DETAIL ON CD-2.
  - REFER TO EXISTING HYDRANT ASSEMBLY REMOVAL DETAIL ON CD-3.
  - REFER TO HYDRANT AND VALVE WITH NEW BRANCH DETAIL ON CD-3.
  - WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK.





NO.	DATE	REVISIONS DESCRIPTION

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 ROADWAY PLAN

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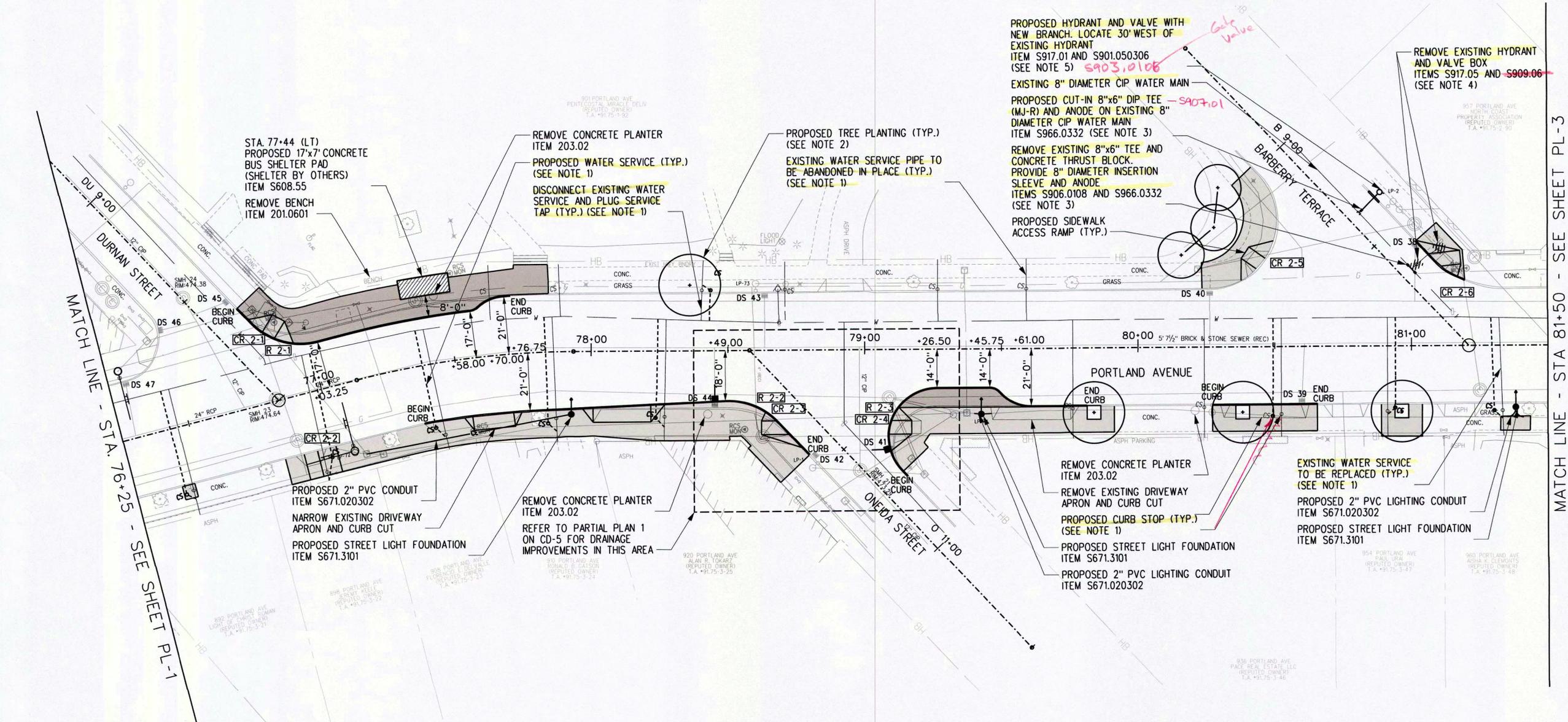
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DRAWING NO.  
**PL-2**  
 SHEET 33 OF 44  
 WENDEL JOB NUMBER  
 22134062



**LEGEND**

	CONCRETE
	EXPOSED AGGREGATE CONCRETE
	GRASS

**CURB RADIUS DATA**

NUMBER	RADIUS	DELTA	TANGENT	LENGTH	PC/PT STATION OFFSET
R 2-1	25'	60° 57' 30"	14.71'	26.60'	76+83.12 29.9' / 77+03.25 21.0' LT
R 2-2	25'	48° 54' 36"	11.36'	21.34'	78+49.00 14.0' / 79+18.30 26.0' RT
R 2-3	18'	133° 57' 30"	41.64'	41.86'	79+13.32 44.3' / 79+26.50 14.0' RT

**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:**
- REFER TO WATER SERVICE PIPE 2" DIAMETER AND SMALLER DETAIL ON CD-1, AND WATER SERVICES TABLE ON DWG. CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION.
  - FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON DWG. CT-5.
  - REFER TO INSERTION SLEEVE AND CUT-IN TEE ON EXISTING IRON PIPE DETAIL ON CD-2.
  - ~~REFER TO EXISTING HYDRANT ASSEMBLY REMOVAL DETAIL ON CD-3.~~
  - REFER TO HYDRANT AND VALVE WITH NEW BRANCH DETAIL ON CD-3.
  - REFER TO INTERSECTION BUMP-OUT DETAIL ON CD-13.
  - WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK.
- SCALE: 1"=20'

MATCH LINE - STA 81+50 - SEE SHEET PL-3

MATCH LINE - STA 76+25 - SEE SHEET PL-1

DATE:	FEB. 2015
BY:	
SCALE:	1" = 20'
DESIGNED BY:	PGW/CUL
DRAWN BY:	KLO/MDZ

CITY OF ROCHESTER, NEW YORK  
**PORTLAND AVENUE REVITALIZATION**  
 ROADWAY PLAN

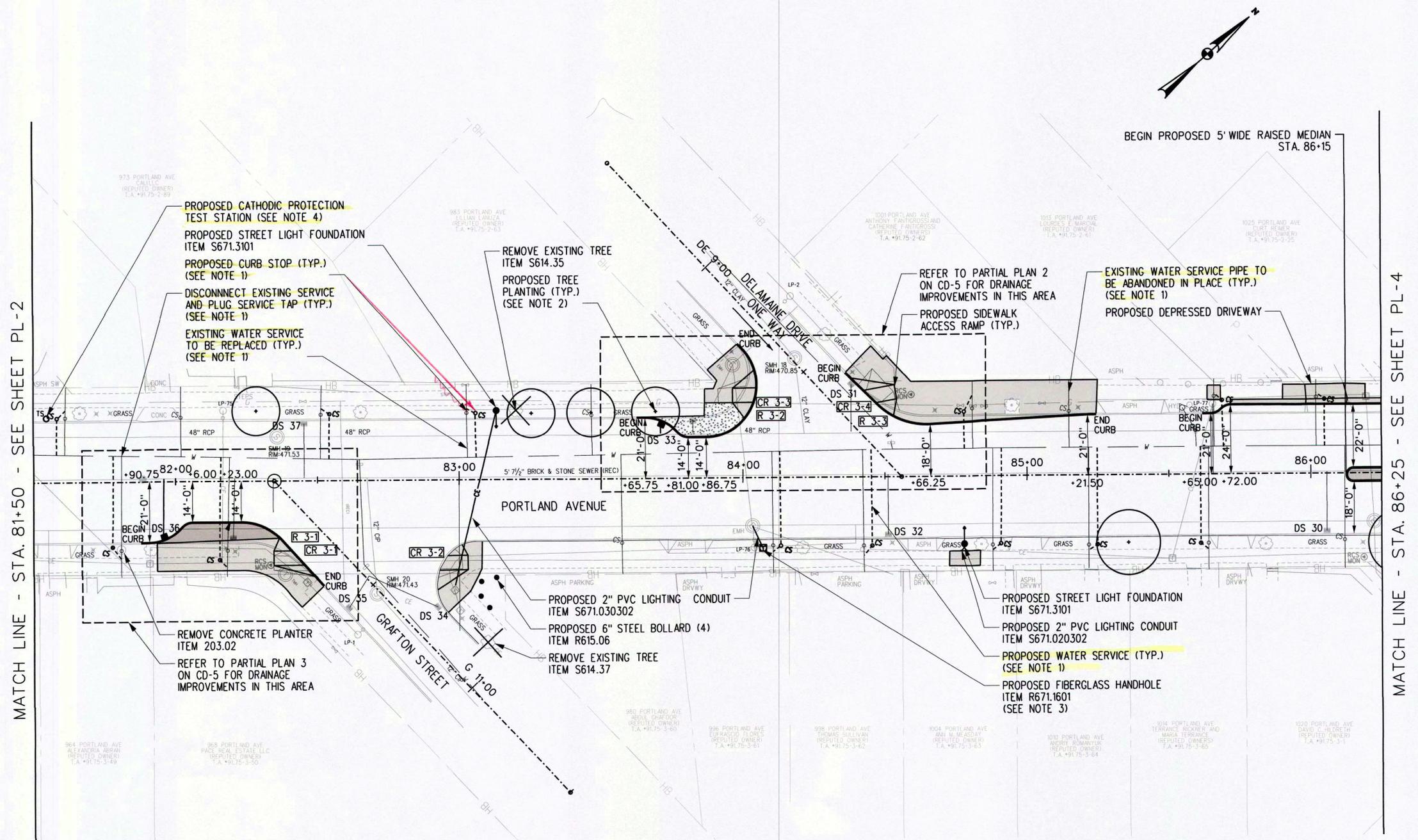
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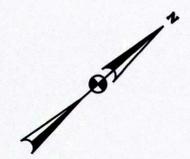
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DRAWING NO.  
**PL-3**  
 SHEET 34 OF 44  
 WENDEL JOB NUMBER  
 22134062



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

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



**LEGEND**

	CONCRETE
	EXPOSED AGGREGATE CONCRETE
	GRASS

**CURB RADIUS DATA**

NUMBER	RADIUS	DELTA	TANGENT	LENGTH	PC/PT STATION OFFSET
R 3-1	20'	47° 19' 43"	8.74'	16.12'	82+23.00 14.0' / 82+37.57 20.2' RT
R 3-2	18'	135° 33' 02"	11.36'	41.90'	83+86.75 14.0' / 84+00.10 44.3' LT
R 3-3	25'	46° 48' 46"	10.81'	20.29'	84+47.76 27.8' / 84+66.25 21.0' LT

**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'

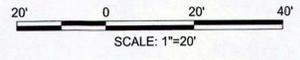
**SIDEWALK ACCESS RAMPS**

NUMBER	RAMP TYPE
CR 3-1	E
CR 3-2	E
CR 3-3	E
CR 3-4	E

REFER TO SIDEWALK ACCESS RAMP DETAILS ON CD-11

**NOTES:**

- REFER TO WATER SERVICE PIPE 2" DIAMETER AND SMALLER DETAIL ON CD-1 AND WATER SERVICES TABLE ON DWG. CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION.
- FOR LOCATIONS AND SPECIES OF PROPOSED TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON DWG. CT-5.
- FOR FUSING, COORDINATE WITH RG&E.
- REFER TO CATHODIC PROTECTION TEST STATION FOR METALLIC WATER PIPE OR FITTING DETAIL ON CD-2. UTILIZE ANODE TO BE PROVIDED FOR WATER SERVICE CONNECTION REPLACEMENT TO 957 PORTLAND AVE. COORDINATE LOCATION OF TEST STATION WITH OWNER IN THE FIELD.
- REFER TO INTERSECTION BUMP-OUT DETAIL ON CD-13.
- WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK



**LEGEND**

CONCRETE

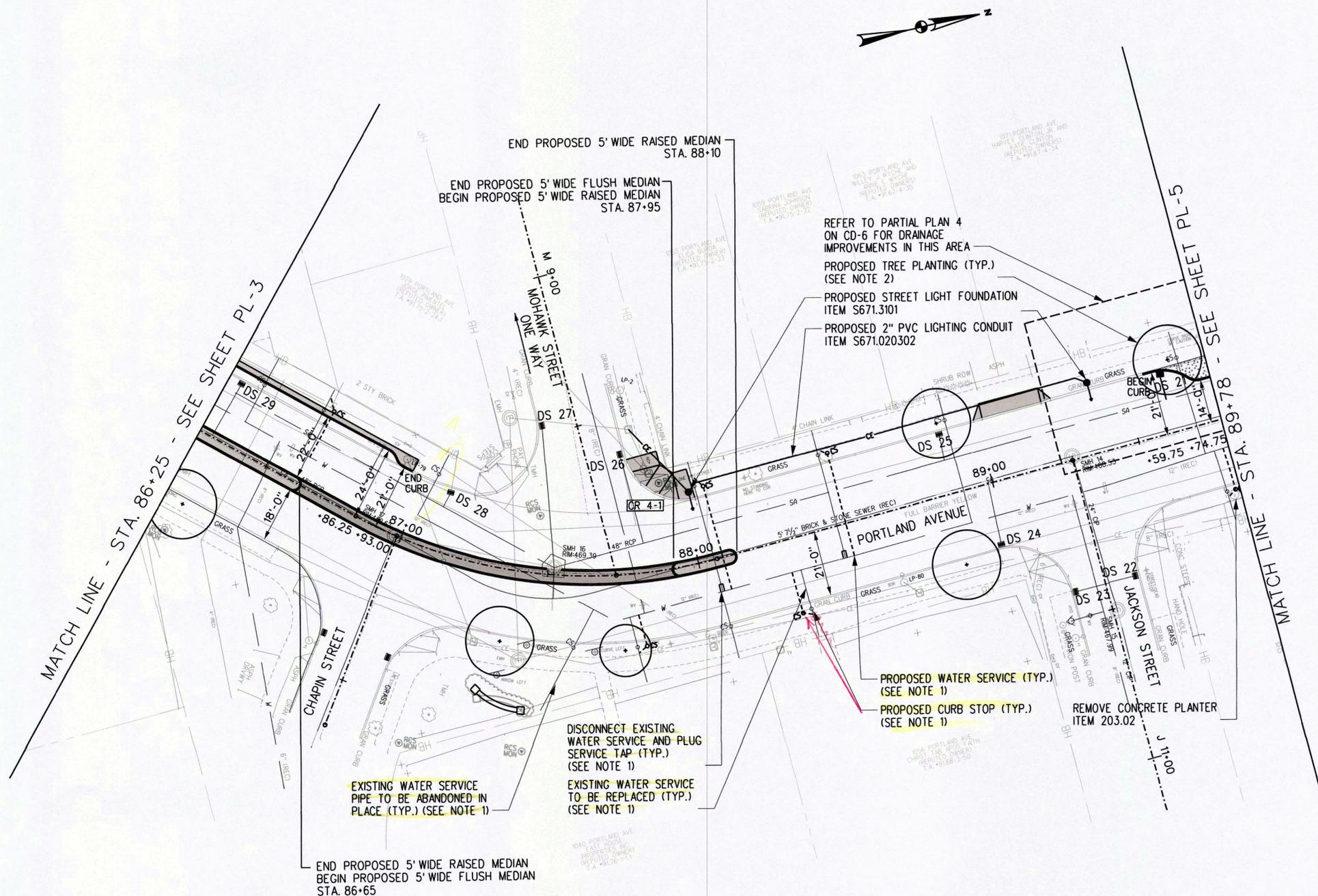
EXPOSED AGGREGATE CONCRETE

GRASS

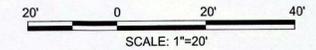
CURB TABLE					
BEGIN			END		
STA.	SIDE	OFFSET	STA.	SIDE	OFFSET
85+62	LT	21.0'	86+96	LT	21.0'
89+57	LT	21.0'	90+05	LT	40.8'

SIDEWALK ACCESS RAMPS	
NUMBER	RAMP TYPE
CR 4-1	F

REFER TO SIDEWALK ACCESS RAMP DETAILS ON CD-11

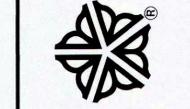


- NOTES:**
- REFER TO WATER SERVICE PIPE 2" DIAMETER AND SMALLER DETAIL ON CD-1 AND WATER SERVICES TABLE ON CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION.
  - FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON CT-5.
  - REFER TO INTERSECTION BUMP-OUT DETAIL ON CD-13.
  - WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK



REVISIONS	
NO.	DATE

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 PORTLAND AVENUE REVITALIZATION  
 ROADWAY PLAN



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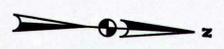
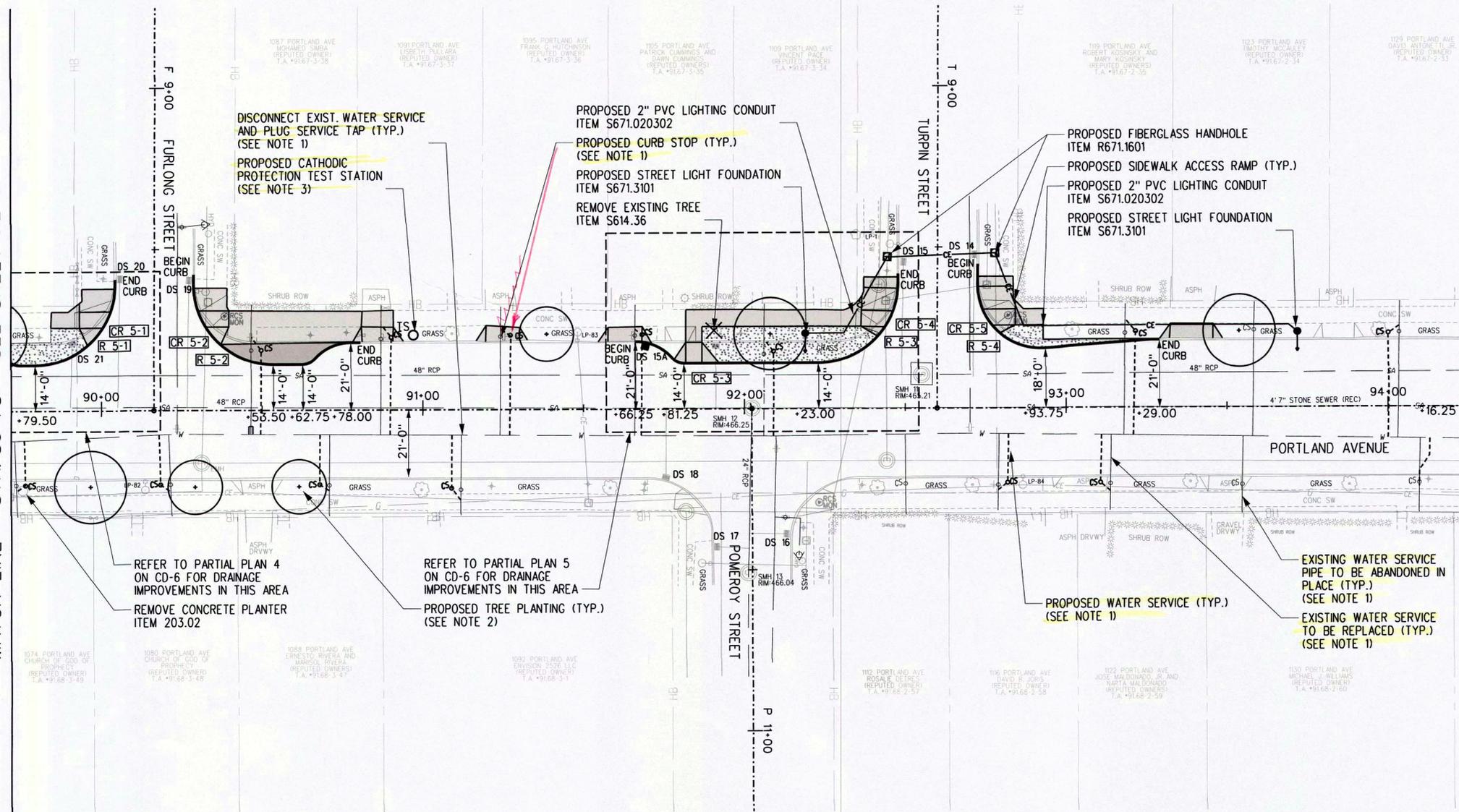
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DRAWING NO.  
**PL-4**  
 SHEET 35 OF 44  
 WENDEL JOB NUMBER  
 22134062

DATE: FEB. 2015  
 SCALE: 1" = 20'  
 DESIGNED BY: PGW / CUL  
 DRAWN BY: KLO / MD2

MATCH LINE - STA. 89+78 - SEE SHEET PL-4

MATCH LINE - STA. 94+25 - SEE SHEET PL-6



**LEGEND**

	CONCRETE
	EXPOSED AGGREGATE CONCRETE
	GRASS

**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	25'	90° 30' 37"	24.87'	39.14'	92+23.00 14.0' / 92+48.12 38.9' LT
R 5-4	20'	94° 11' 40"	21.52'	32.88'	92+72.30 38.4' / 92+93.75 18.0' LT

**CURB TABLE**

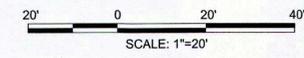
BEGIN			END		
STA.	SIDE	OFFSET	STA.	SIDE	OFFSET
89+57	LT	21.0'	90+05	LT	40.8'
90+29	LT	40.8'	90+81	LT	21.0'
91+66	LT	21.0'	92+48	LT	41.4'
92+72	LT	45.0'	93+32	LT	21.0'

**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:**
- REFER TO WATER SERVICE PIPE 2" DIAMETER AND SMALLER DETAIL ON CD-1 AND WATER SERVICES TABLE ON CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION.
  - FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON CT-5.
  - REFER TO CATHODIC PROTECTION TEST STATION FOR METALLIC WATER PIPE OR FITTING DETAIL ON CD-2. UTILITY ANODE TO BE PROVIDED FOR WATER SERVICE CONNECTION REPLACEMENT TO 1091 PORTLAND AVE. COORDINATE LOCATION WITH THE OWNER IN THE FIELD.
  - REFER TO INTERSECTION BUMP-OUT DETAIL ON CD-13.
  - WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK



**REVISIONS**

NO.	DATE	DESCRIPTION

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 SHEET 36 OF 44  
 WENDEL JOB NUMBER  
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 SCALE: 1" = 20'  
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