

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...

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...

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.

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...

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 PREVENTER.

LEGEND

Table with columns for EXISTING and PROPOSED symbols and their descriptions. Includes symbols for right-of-way lines, property lines, building lines, control monuments, curbs, sidewalks, grass, asphalt, manholes, valves, and conduits.

ABBREVIATIONS

Table listing various abbreviations and their full names, such as ABND (ABANDONED), ADJ (ADJUST), AOBPM (AS ORDERED BY PROJECT MANAGER), ASPH (ASPHALT), etc.

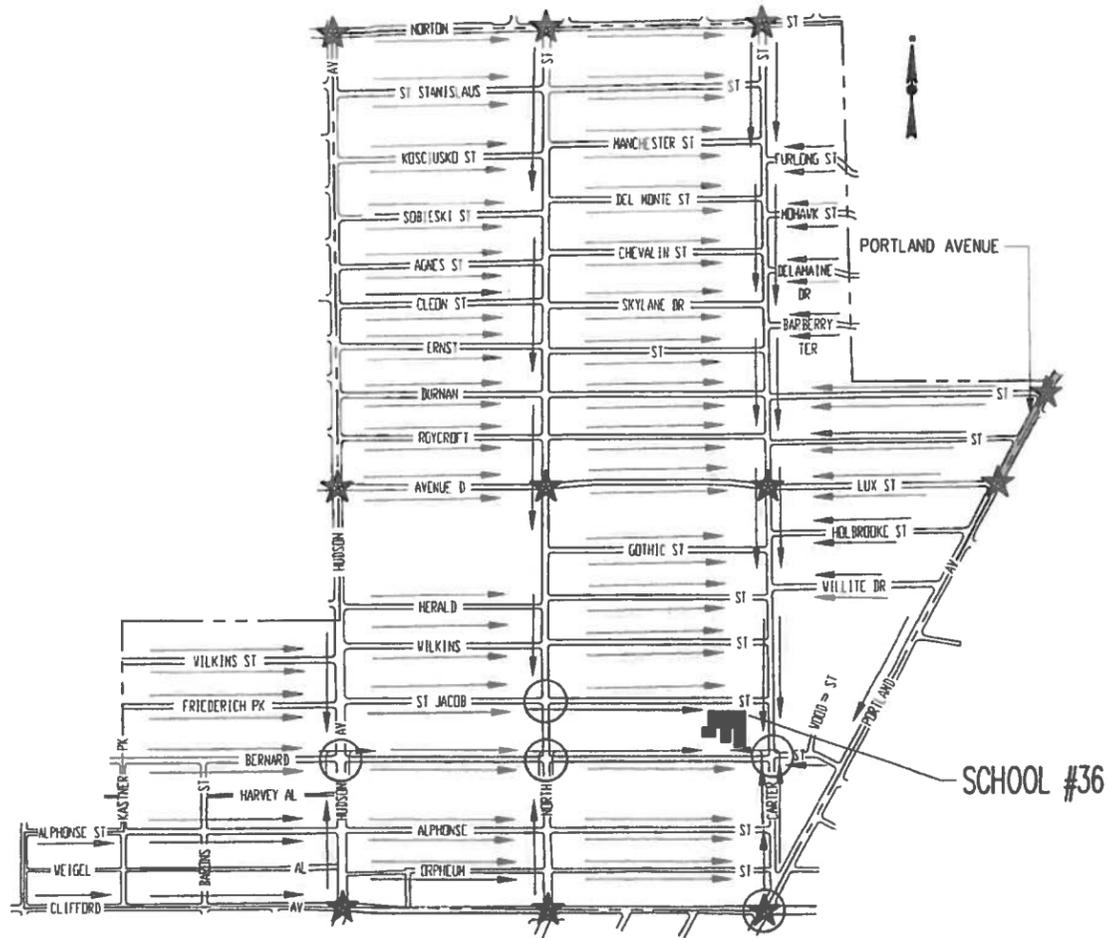
INDEX OF SHEETS

Table with columns for DRAWING TITLE, DRAWING NUMBER, and SHEET NUMBER. Lists sheets like COVER, GENERAL NOTES, LEGEND, AND INDEX, MAINTENANCE OF TRAFFIC, SURVEY DATA, etc.

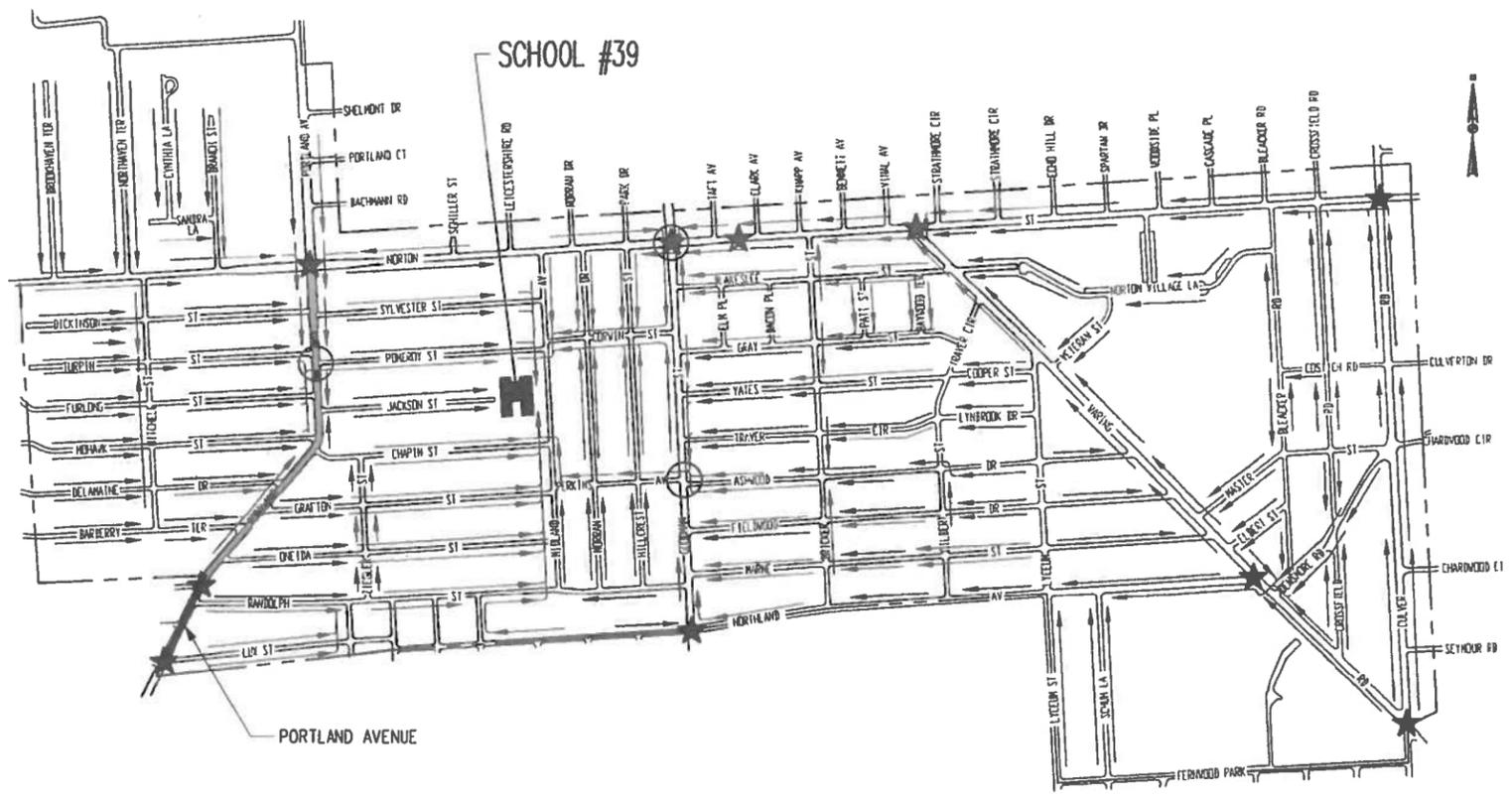
Vertical sidebar containing project information: CITY OF ROCHESTER, PORTLAND AVENUE REVITALIZATION, GENERAL NOTES, LEGEND, AND INDEX, copyright notice, and drawing title GN-1.

Handwritten red notes: 'LP-XX', 'needs to match the plans!', 'BASE', 'needs to match the plans!'. Includes a question mark in a circle.

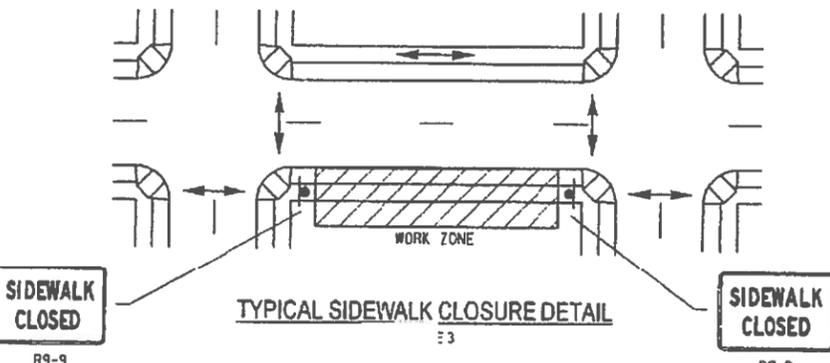




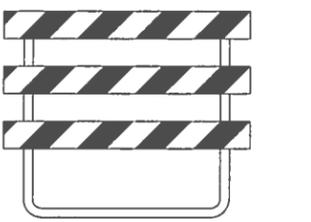
SAFE SCHOOL ROUTE WITHIN PROJECT AREA - SCHOOL #36
NOT TO SCALE



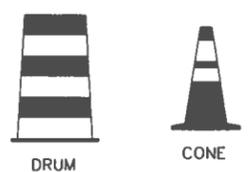
SAFE SCHOOL ROUTE WITHIN PROJECT AREA - SCHOOL #39
NOT TO SCALE



TYPICAL SIDEWALK CLOSURE DETAIL
R9-9 24"x12"
SIDEWALK CLOSURE NOTES
1. THE CONTRACTOR SHALL INSTALL A SIDEWALK CLOSED SIGN (R9-9) 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)

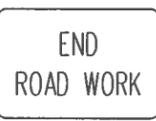


DRUM

CONE

TRAFFIC CONTROL LEGEND

- SIGN ▲ CONE
- BARRICADE (SEE NOTE 8) ◻ FLAGGER
- DRUM ◊ 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

LEGEND

- - CROSSING GUARD LOCATION
- ★ - TRAFFIC SIGNAL LOCATION

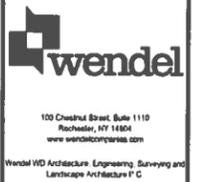
NOTES:

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 INTERPRETED 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 DESIGNATED ROUTE. ANY ADDITIONAL SIGNS, FLAGGERS, 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.

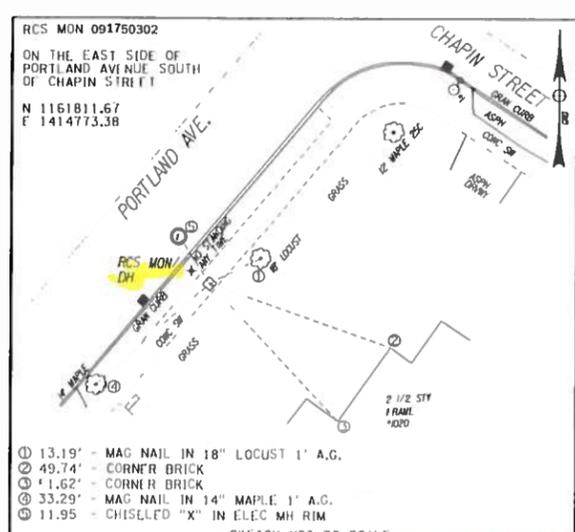
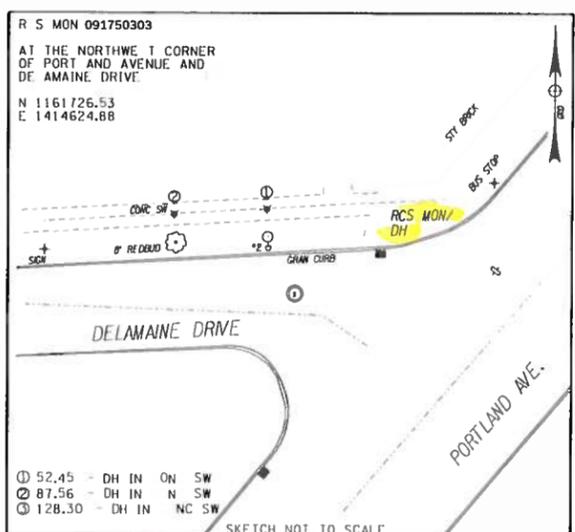
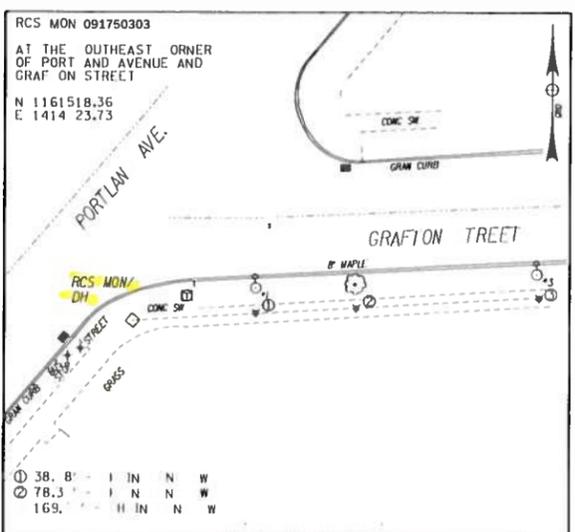
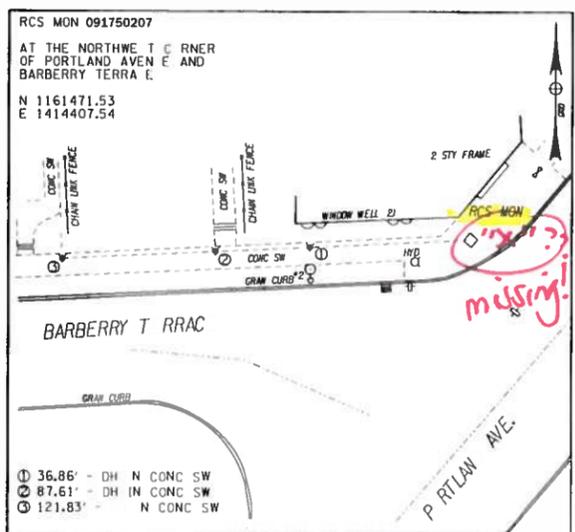
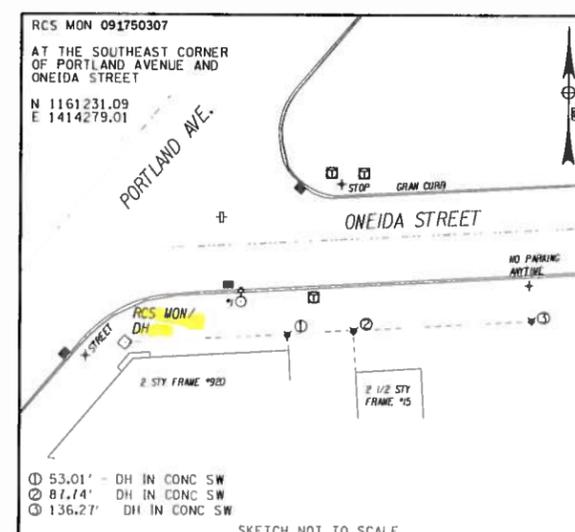
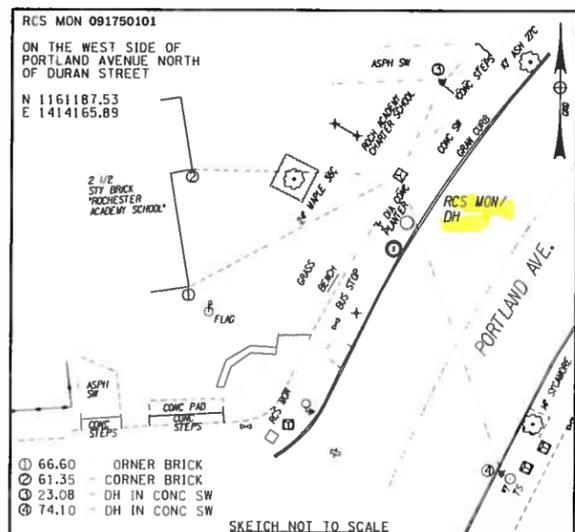
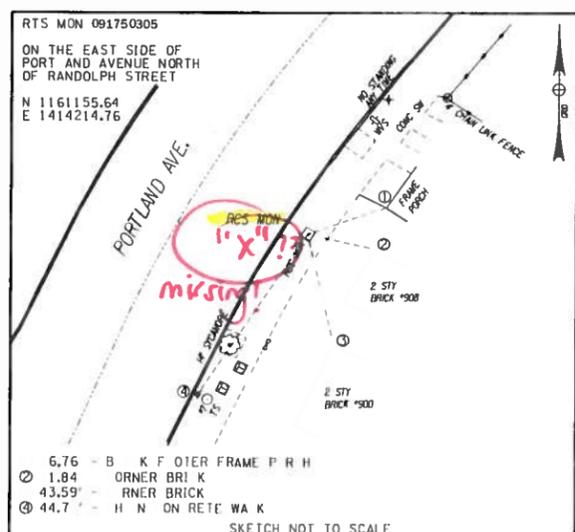
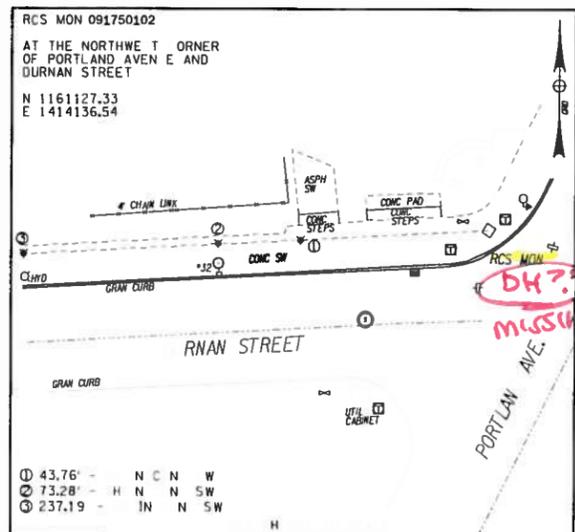
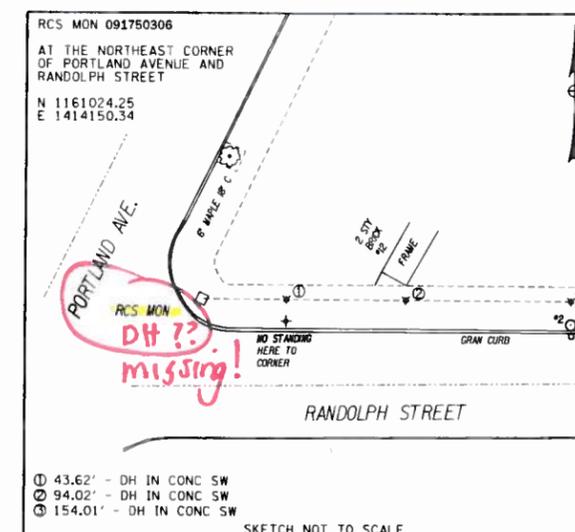
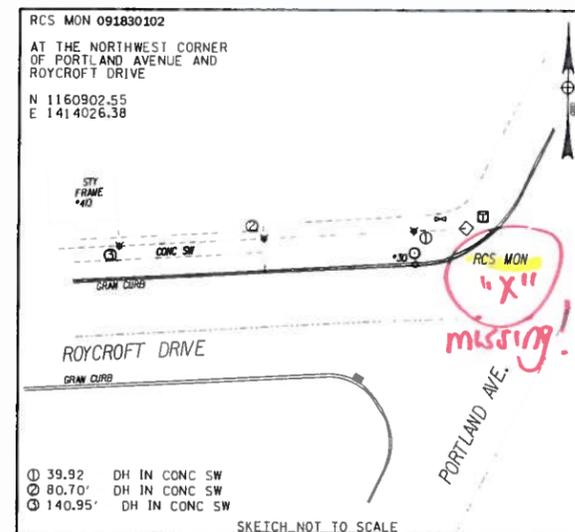
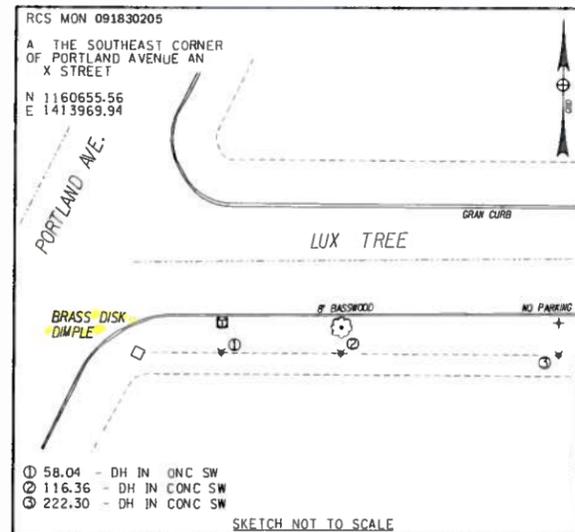
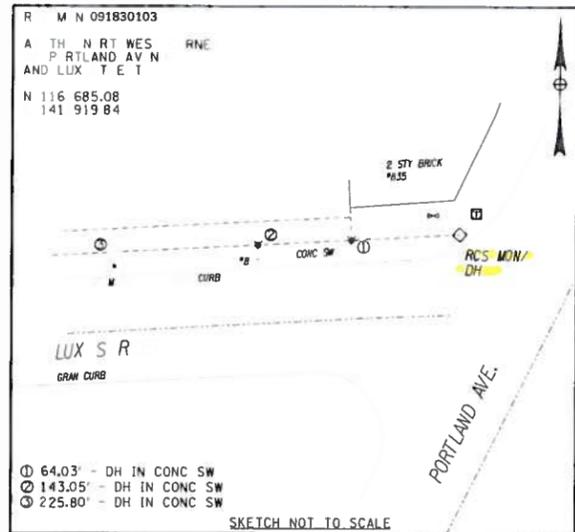
DATE:	JAN. 2015
SCALE:	N.T.S.
DESIGNED BY:	PGW/CLL
DRAWN BY:	KLO/MD2
NO.	DATE
REVISIONS	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION
MAINTENANCE OF TRAFFIC
GENERAL NOTES

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WENDEL
NO ALTERATION PERMITTED HEREON WITHOUT THE WRITTEN APPROVAL OF THE CITY OF ROCHESTER. THIS SHEET IS A PART OF THE CONTRACT DOCUMENTS. ANY CHANGES TO THIS SHEET SHALL BE MADE BY THE SEAL AND SIGNATURE OF THE ENGINEER, LAND SURVEYOR, ARCHITECT OR PROFESSIONAL DESIGNER. ANY ALTERATION WITH THE STATEMENT "ALTERED BY FOLLOWED BY A" IS NOT A PART OF THE CONTRACT DOCUMENTS.



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 Kishan



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
US&GS LINCOLN	1158542.2059	1412233.0121
US&GS MILLER	1158581.1618	1413477.2091
091590201 NW COR PORTLAND/NORTON	1162979.0806	1414746.6388
091670106 NW COR PORTLAND/DICKINSON	1162708.8957	1414762.0932

identify what "x" is
 "x" =

NOTE:
 DH = DRILL HOLE WITH 1" DIAMETER SCRIBE AROUND IT

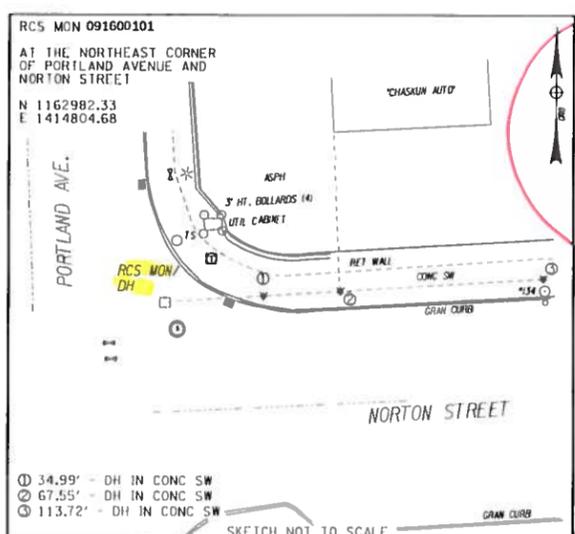
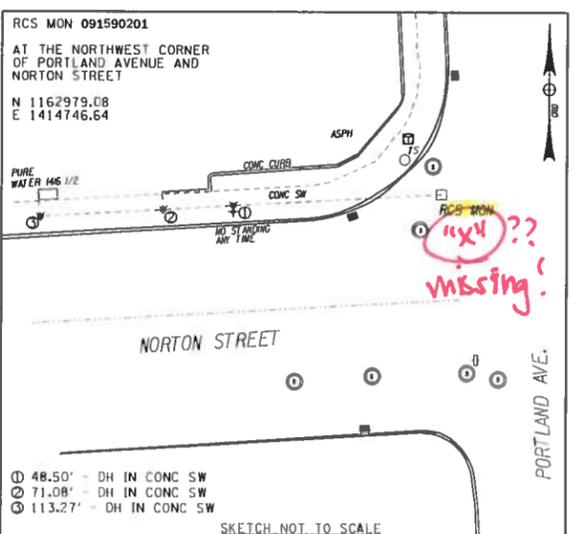
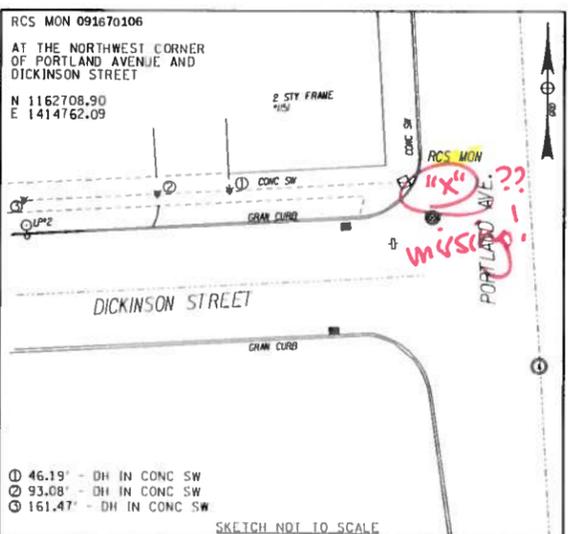
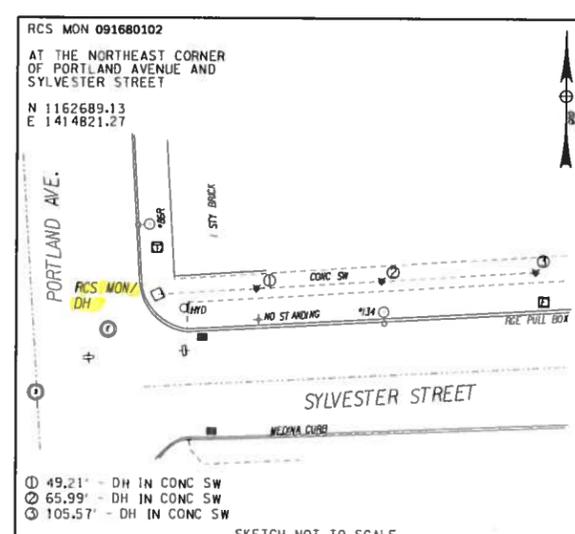
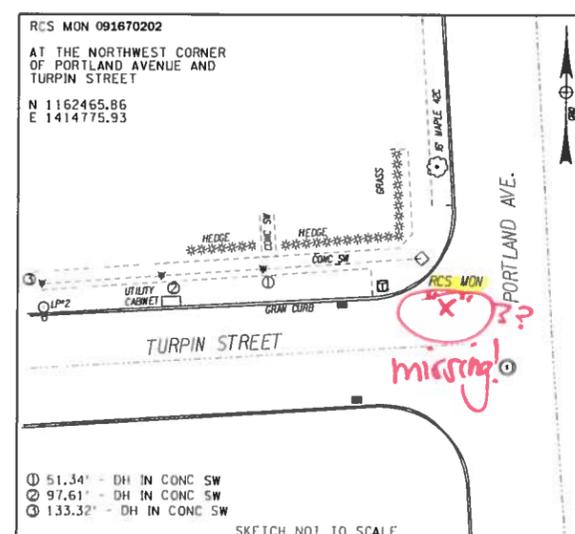
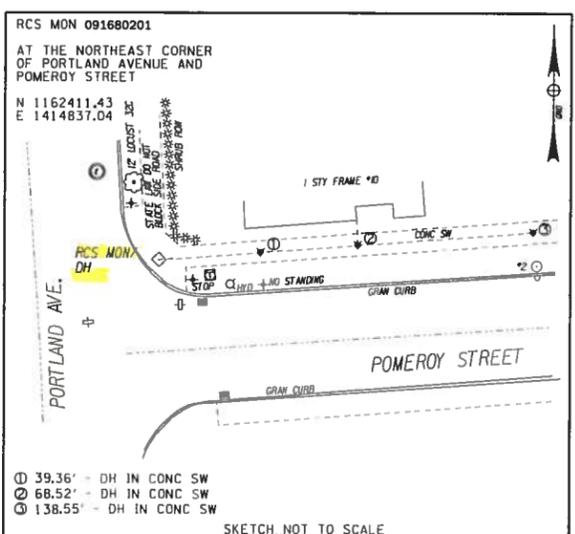
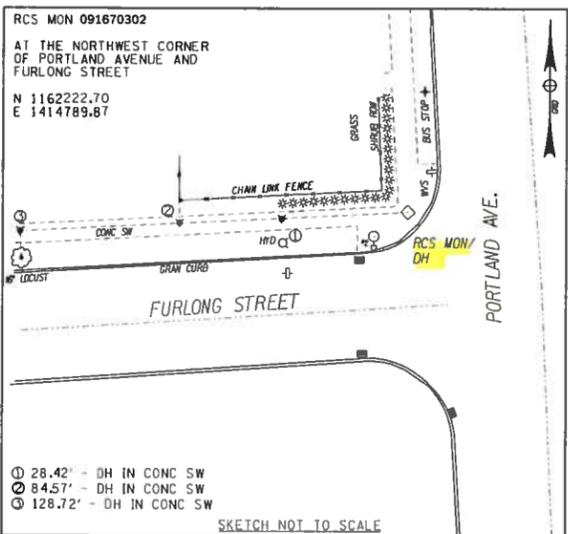
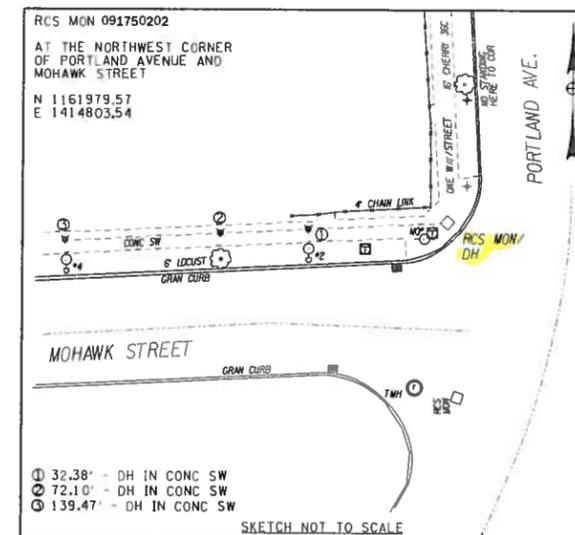
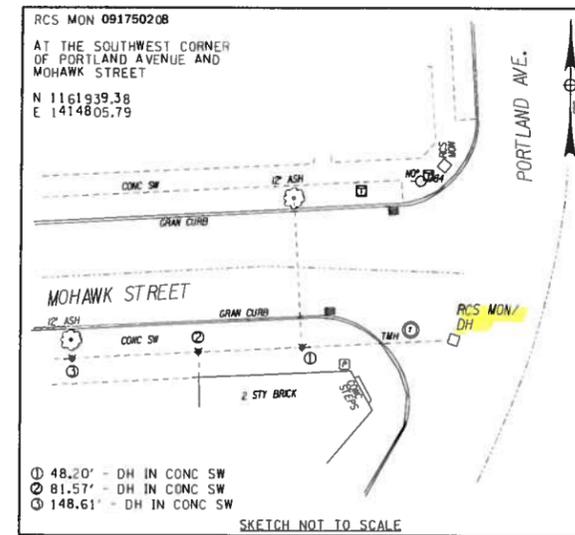
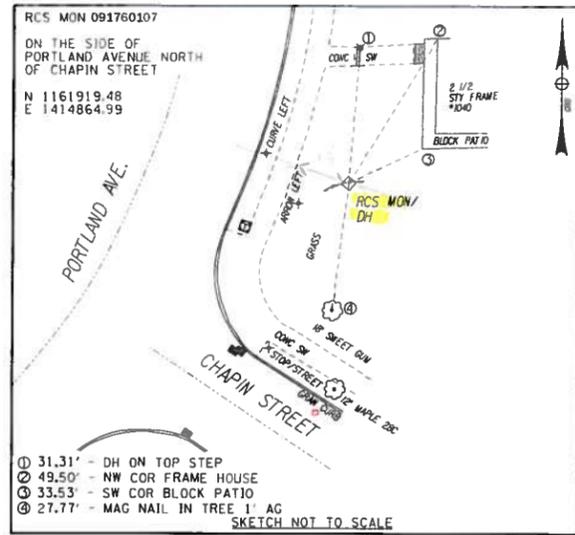
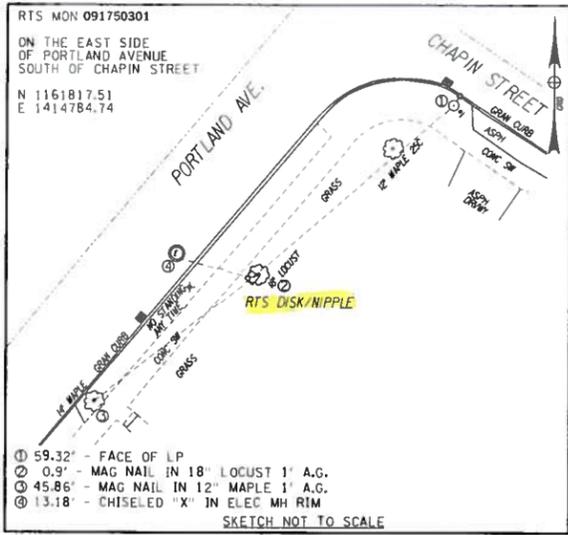
REV	DESCRIPTION	DATE	BY
7			
6			
5			
4			
3			
2			
1			

FA PROJECT NO: 132029
 PROJECT MANAGER: S. SMITH
 DRAWN BY: J. HEFNER
 SCALE: NONE
 ISSUE DATE: NOV. 2013

FISHER ASSOCIATES
 WWW.FISHERASSOCIATES.COM
 131 COLLEGE AVENUE, SUITE 100
 ROCHESTER, NY 14623

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 44



Missing Mon 091750103 SW Corner of Barbary

Missing Mon 091760101 NE Corner of Chapin

identifying what "x" means → "x" =

1. COORDINATES SHOWN HEREON ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, WESTERN ZONE, TRANSVERSE MERCATOR PROJECTION, HAD 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.

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USC&GS LINCOLN	1158542.2039	1412233.0121
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NOTE:
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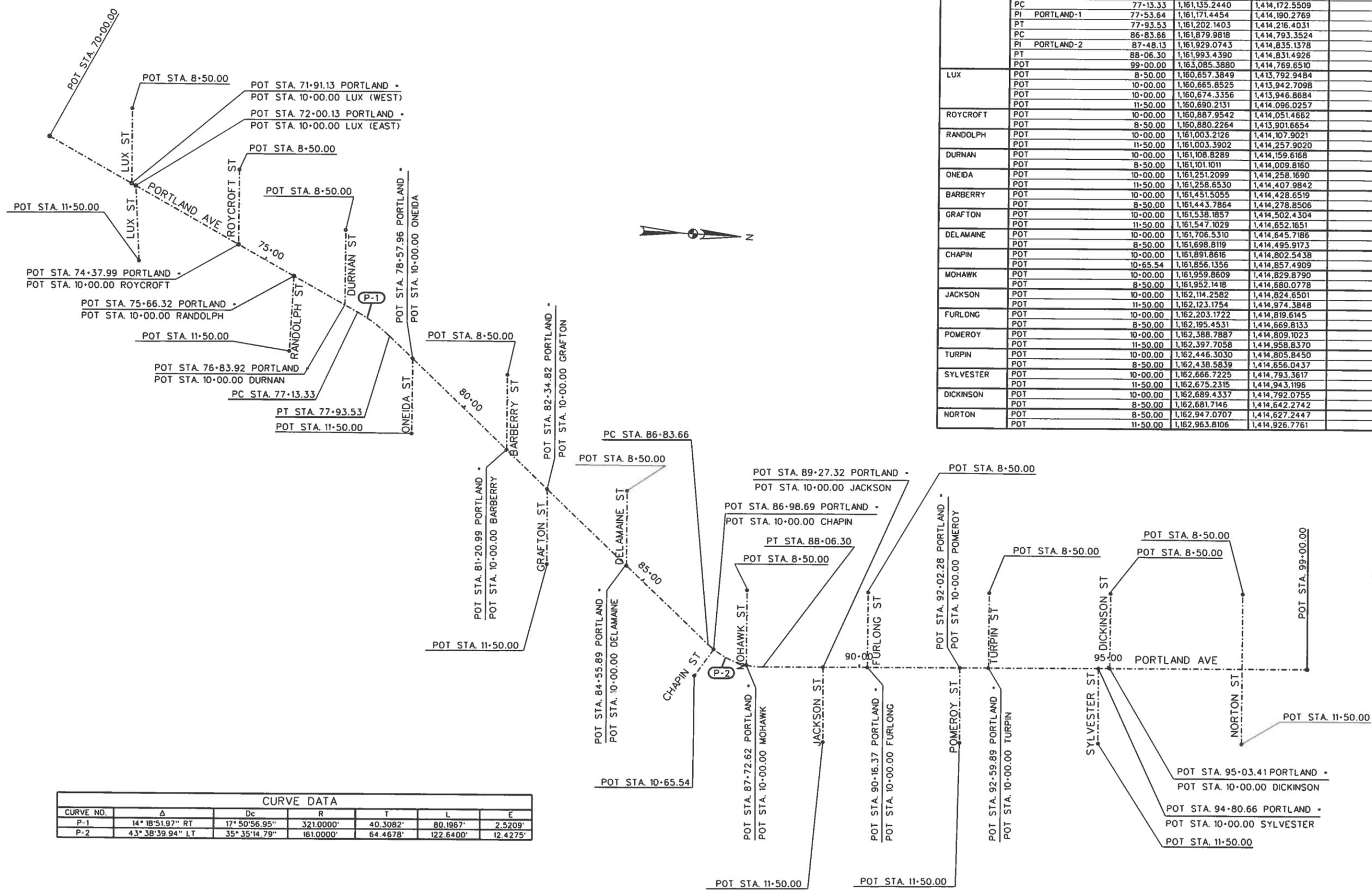
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<p>FISHER ASSOCIATES, P.E. L.S. P.C.</p> <p>New York State Education Law Section 2209 states that a professional seal is not valid unless the holder of the seal is an individual who is a duly licensed professional engineer or land surveyor. The seal of a professional engineer or land surveyor shall be in the name of the individual holder of the seal and shall not be used by any other person.</p>					REV		
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TITLE OF DRAWING
SURVEY DATA

DRAWING NO.
SD-2

SHEET 6 OF 44

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11/28/2013 1:26:01 PM
Michele



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'

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	77+53.64	1,161,171.4454	1,414,190.2769	PORTLAND-1
	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	87+48.13	1,161,929.0743	1,414,835.1378	PORTLAND-2
	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	

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

NO.	DATE	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
 PORTLAND AVENUE REVITALIZATION
 GEOMETRY DATA

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

DRAWING NO.
GS-1
 SHEET 7 OF 44
 WENDEL JOB NUMBER
 22134062

OR 4" TOPSOIL & SEED AS SHOWN ON PLANS



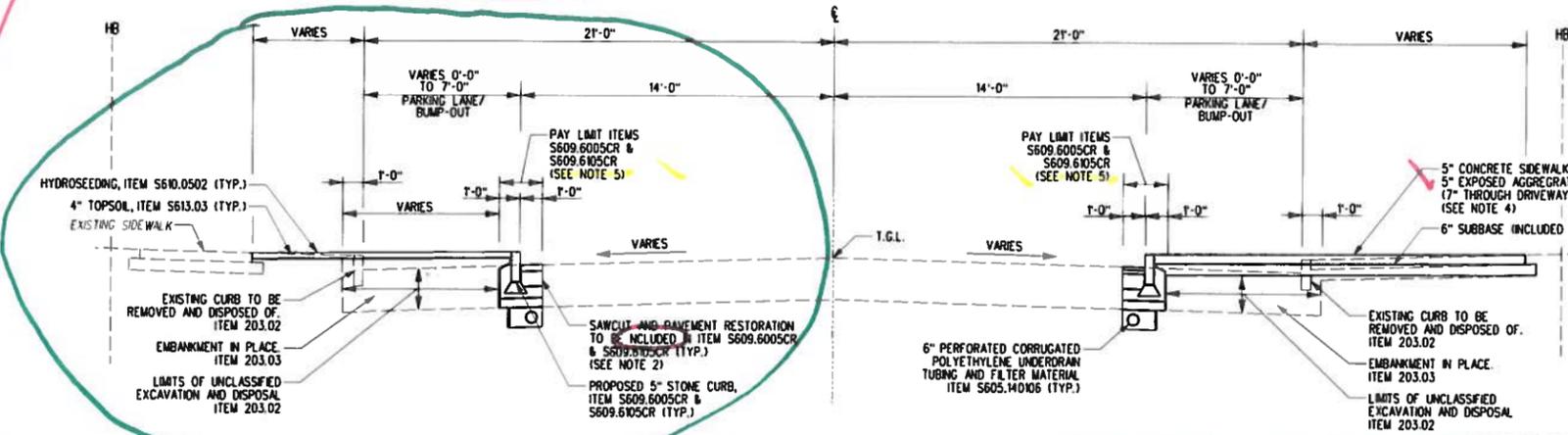
TYPICAL SECTION - PROPOSED

LUX STREET TO NORTON STREET
STA. 70+95 TO STA. 73+45
STA. 94+90 TO STA. 98+50
REFER TO PL-1 AND PL-6 FOR LOCATIONS

NOTE RE-REFERENCING EXPOSED AGGREGATE WAS REMOVED...?

missing sections for
93+30 to 94+90

can they fit under any of the existing sections?



TYPICAL SECTION - PROPOSED

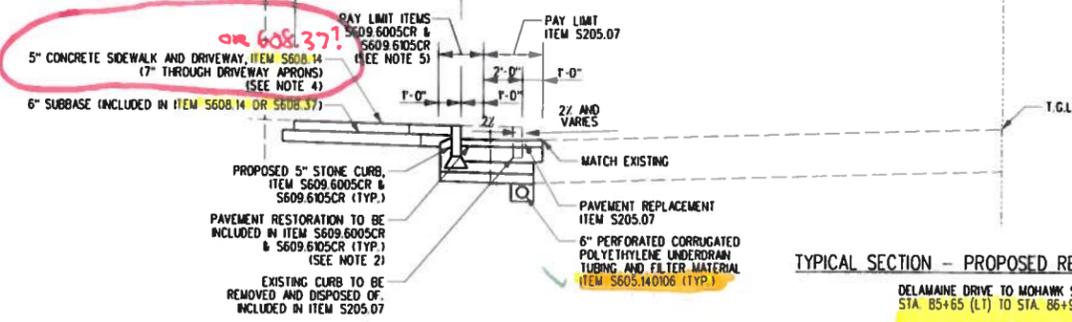
DURMAN STREET TO DELAMAINE DRIVE
STA. 75+75 TO STA. 85+65
REFER TO PL-2 TO PL-3 FOR CURB BUMP-OUT LOCATIONS

TYPICAL SECTIONS DO NOT MATCH PLAN VIEWS!

Missing Sections for:

- 73+45 to 76+75
- 86+93 to 89+60
- 93+30 to 94+90

sections must be provided for all within project limits

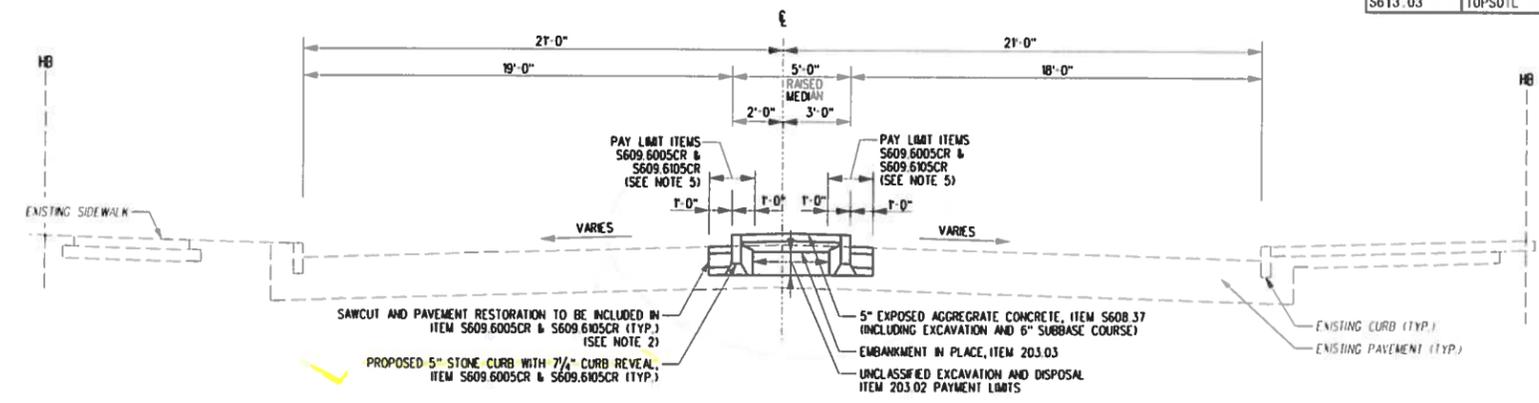


TYPICAL SECTION - PROPOSED RECESSED PARKING

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

sections needed
86+93 to 89+60

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
304.03	SUBBASE COURSE, TYPE 2	CY
605.140106	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
S608.5601	DECORATIVE COLORED CONCRETE	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



TYPICAL SECTION - PROPOSED RAISED MEDIAN

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

7 1/4"

- NOTES:
1. NEW CURB REVEAL TO BE BETWEEN 6" AND 7 1/4" 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 SIDEWALK REPLACEMENT
 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

DATE: FEB. 2015
SCALE: NTS
DESIGNED BY: PGW/CCL
DRAWN BY: KLO/MD2

REVISIONS

NO.	DATE	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

TYPICAL SECTION

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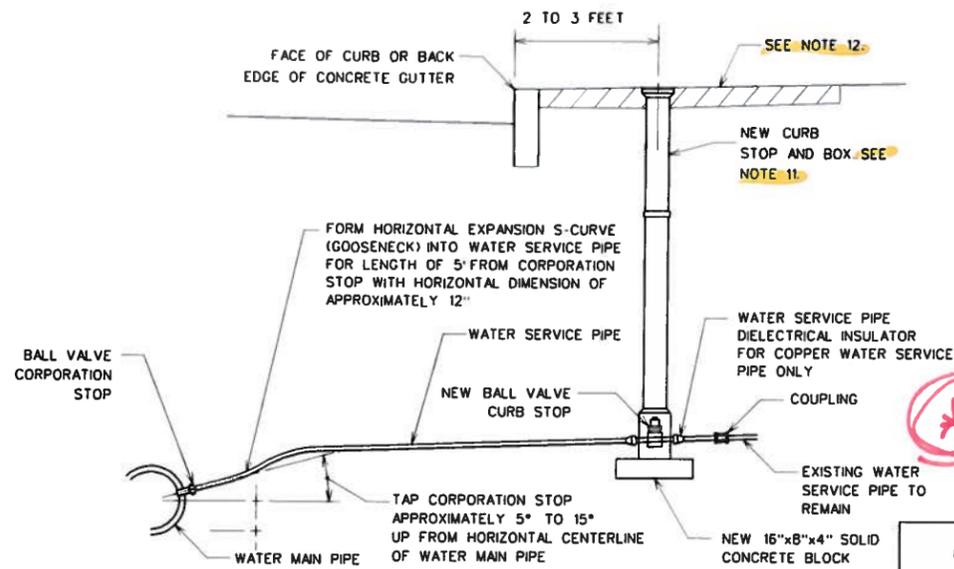
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DRAWING NO. TS-1
SHEET # OF 44
WENDEL JOB NUMBER 22134062

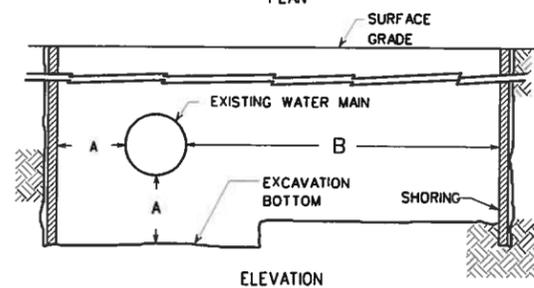
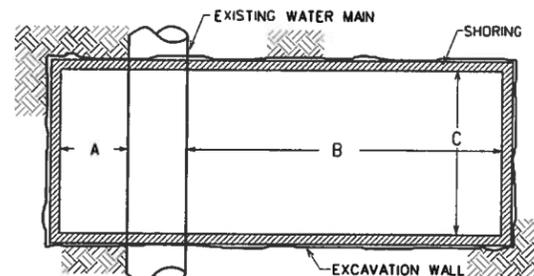


EACH DETAIL SHOULD BE IN ITS BORDER WITH TITLE + DETAIL # INCLUDING ISSUED + REVISION DATES!!

*** MUST SHOW THIS INFO FOR EACH (WATER) DETAIL:**

- CORRECT TITLE,**
- DETAIL #**
- ISSUE DATE**
- REVISION DATE**

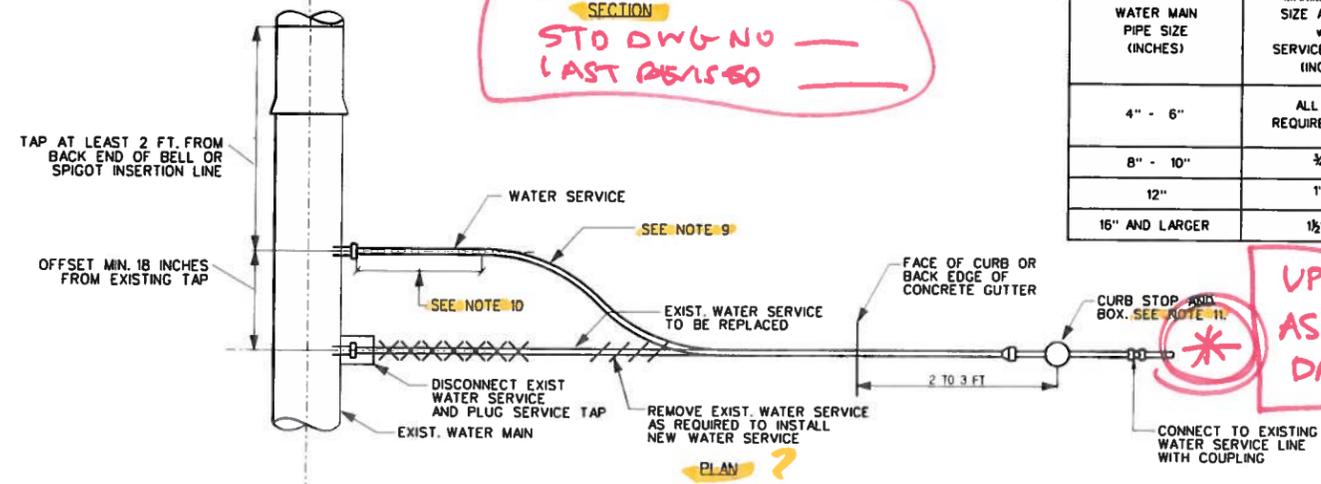
WATER MAIN PIPE SIZE (INCHES)	MAXIMUM TAP SIZE ALLOWED w/o SERVICE SADDLE (INCHES)
4" - 6"	ALL TAPS REQUIRE SADDLE
8" - 10"	3/4"
12"	1"
16" AND LARGER	1 1/2"



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"

- NOTES:
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL EXCAVATIONS ARE ADEQUATELY PROTECTED IN ACCORDANCE WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
 - SHORING MUST BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH OSHA REGULATIONS, AND ADEQUATE CLEARANCES PROVIDED. WHEREVER WATER BUREAU PERSONNEL MUST ENTER AN EXCAVATION, EXCEPTIONS TO THIS POLICY CAN ONLY BE MADE BY THE DIRECTOR OF WATER OR HIS REPRESENTATIVE.
 - THE CONTRACTOR SHALL MAKE AND SHORE THE EXCAVATION, CLEAN THE AREA OF THE WATER MAIN FOR THE TAP, ATTACH THE TAPPING SLEEVE AND VALVE TO THE MAIN FOR SERVICES 4-INCH DIAMETER AND LARGER OR ATTACH THE TAPPING SADDLE (WHERE REQUIRED) TO THE MAIN FOR SERVICES 2-INCH DIAMETER AND SMALLER AND INSURE THAT THE WORK AREA IS READY FOR INSPECTION BY BUREAU PERSONNEL PRIOR TO MAKING THE TAP.
- BASED ON THE CITY OF ROCHESTER STANDARD DRAWING NO. S900-12

SECTION
STD DWG NO. _____
LAST REVISED _____



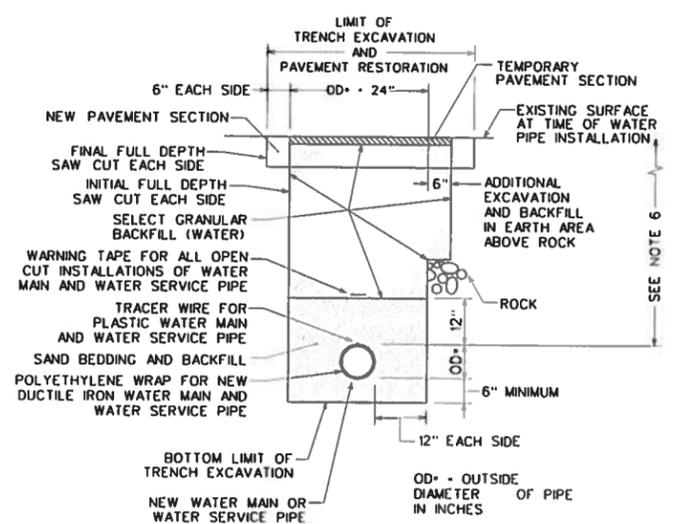
*** UPDATE DETAILS AS NOTED IN EMAIL DATED 2/20/15 (PAT O'CONNOR)**

WATER SERVICE TAP EXCAVATION DETAIL
NOT TO SCALE
STD DWG NO. _____
LAST REVISED _____

- NOTES:
- WATER SERVICE PIPE IS TO HAVE MINIMUM COVER DEPTH OF 4.50 FEET FROM FINISHED SURFACE.
 - 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.
 - WATER SERVICE PIPE IS TO RUN PERPENDICULAR TO WATER MAIN PIPE.
 - FOR WATER SERVICE PIPE 1-1/2 INCHES AND LARGER, ADD CURB BOX ARCH TO CURB BOX.
 - TRACER WIRE MUST BE INSTALLED FOR PLASTIC WATER SERVICE PIPE. REFER TO PLASTIC SERVICE TRACER WIRE DETAIL ON DWG. CD-4.
 - 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.
 - WARNING TAPE MUST BE INSTALLED WITH ALL OPEN CUT TRENCHED WATER SERVICE PIPE INSTALLATIONS.
 - REFER TO THE OWNER'S APPROVED PRODUCT LIST FOR LIST OF APPROVED WATER SERVICE PRODUCTS.
 - BENDING RADII FOR PE PIPE MUST BE GREATER THAN OR EQUAL TO 30x THE PIPE DIAMETER.
 - DISTANCE BETWEEN BENDS AND FITTINGS FOR PE PIPE MUST BE AT LEAST 10x PIPE DIAMETER.
 - 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.
 - REMOVE AND REPLACE EXISTING CONCRETE SIDEWALK OR ASPHALT PAVEMENT AS REQUIRED TO INSTALL NEW SERVICE AND REMOVE EXISTING CURB STOP/BOX.
 - BASED ON THE CITY OF ROCHESTER STANDARD DRAWING NO. R913-1

not part of the detail!

WATER SERVICE PIPE 2" DIAMETER AND SMALLER DETAIL
NOT TO SCALE
STD DWG NO. _____
LAST REVISED _____



- NOTES:
- LIMITS SHOWN ARE MAXIMUM ALLOWED AND MINIMUM REQUIRED FOR EXCAVATION (ITEM NO R206.04) AND BACKFILL.
 - UPPER LIMIT FOR TRENCH EXCAVATION IS TOP OF EXISTING SURFACE AT TIME OF TRENCH EXCAVATION.
 - 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.
 - TEMPORARY OR PERMANENT BLOCKS OR ANY OTHER TYPE OF PIPE SUPPORT IS NOT TO BE USED DURING PIPE INSTALLATION.
 - 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.
 - BASED ON THE CITY OF ROCHESTER STANDARD DRAWING NO. S900-2

WATER TRENCH PAVEMENT REHABILITATION DETAIL
NOT TO SCALE
STD DWG NO. _____
LAST REVISED _____

DATE	DESCRIPTION	NO.	DATE
JAN. 2015 <td></td> <td></td> <td></td>			

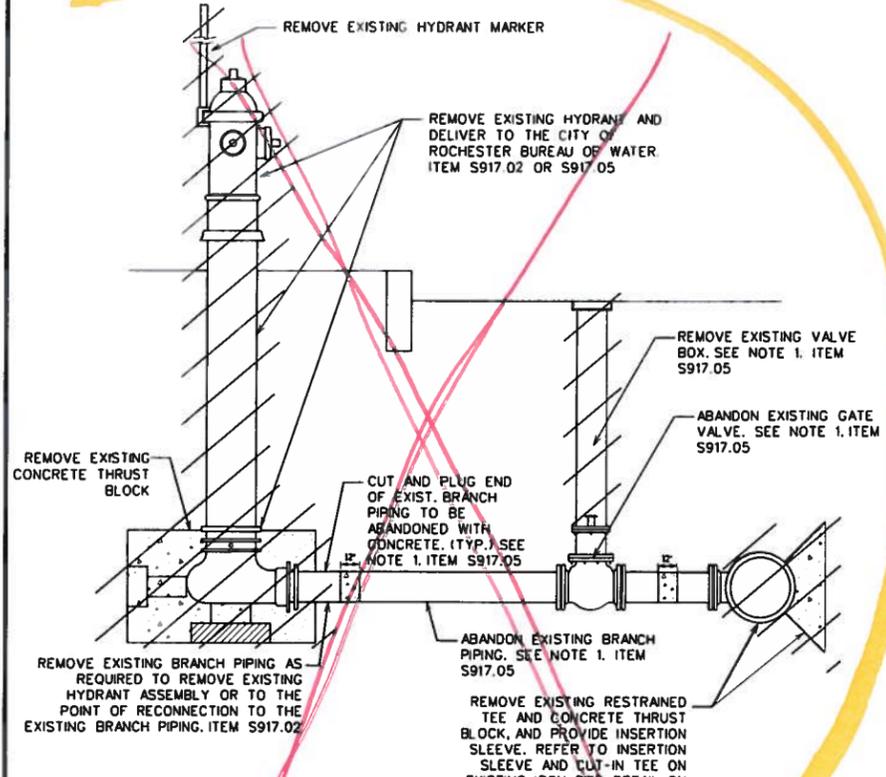
CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION
CONSTRUCTION DETAILS

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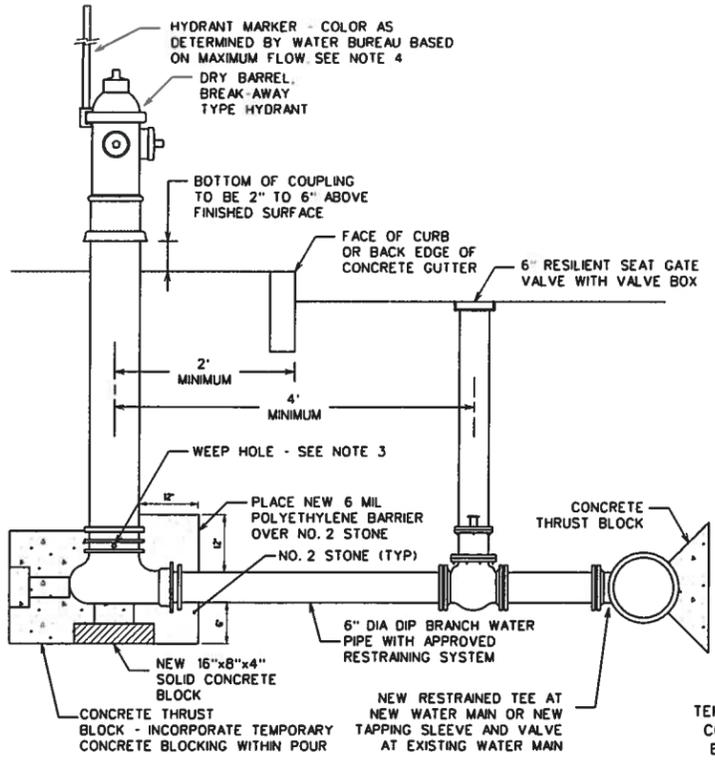
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DRAWING NO. CD-1
SHEET 10 OF 44
WENDEL JOB NUMBER 22134062



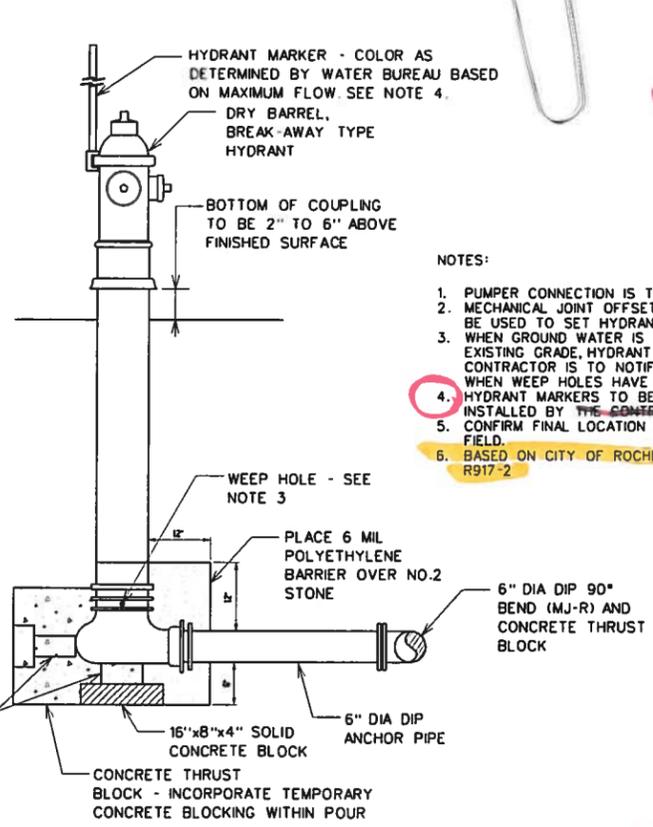
- NOTES:
1. NOT REQUIRED FOR HYDRANT AT EXISTING BRANCH.
 2. ITEM S906.0106, ITEM S906.0108, OR ITEM S906.0110

EXISTING HYDRANT ASSEMBLY REMOVAL DETAIL
NOT TO SCALE



- NOTES:
1. PUMPER CONNECTION IS TO FACE PAVEMENT.
 2. MECHANICAL JOINT OFFSET OR HYDRANT EXTENSION KIT CAN BE USED TO SET HYDRANT AT PROPER ELEVATION.
 3. WHEN GROUND WATER IS ENCOUNTERED WITHIN 7 FT OF EXISTING GRADE, HYDRANT WEEP HOLES SHALL BE PLUGGED. CONTRACTOR IS TO NOTIFY THE OWNER IN WRITING WHEN WEEP HOLES HAVE BEEN PLUGGED.
 4. HYDRANT MARKERS TO BE FURNISHED BY THE OWNER AND INSTALLED BY CONTRACTOR.
 5. CONFIRM FINAL LOCATION OF HYDRANT WITH OWNER IN THE FIELD.
 6. BASED ON THE CITY OF ROCHESTER STANDARD DRAWING NO. R917-1.

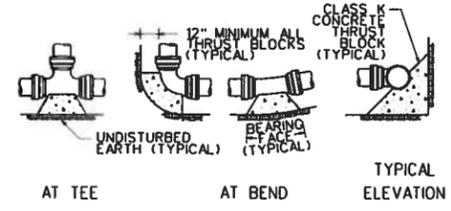
HYDRANT AND VALVE AT NEW BRANCH DETAIL
NOT TO SCALE



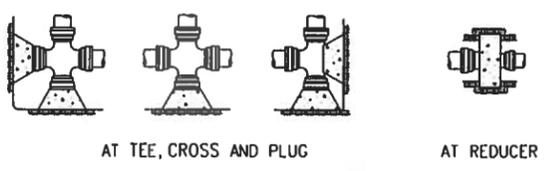
- NOTES:
1. PUMPER CONNECTION IS TO FACE PAVEMENT.
 2. MECHANICAL JOINT OFFSET OR HYDRANT EXTENSION KIT CAN BE USED TO SET HYDRANT AT PROPER ELEVATION.
 3. WHEN GROUND WATER IS ENCOUNTERED WITHIN 7 FEET OF EXISTING GRADE, HYDRANT WEEP HOLES SHALL BE PLUGGED. CONTRACTOR IS TO NOTIFY THE OWNER IN WRITING WHEN WEEP HOLES HAVE BEEN PLUGGED.
 4. HYDRANT MARKERS TO BE FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTOR.
 5. CONFIRM FINAL LOCATION OF HYDRANT WITH OWNER IN THE FIELD.
 6. BASED ON CITY OF ROCHESTER STANDARD DRAWING NO. R917-2

HYDRANT AT EXISTING BRANCH DETAIL
NOT TO SCALE

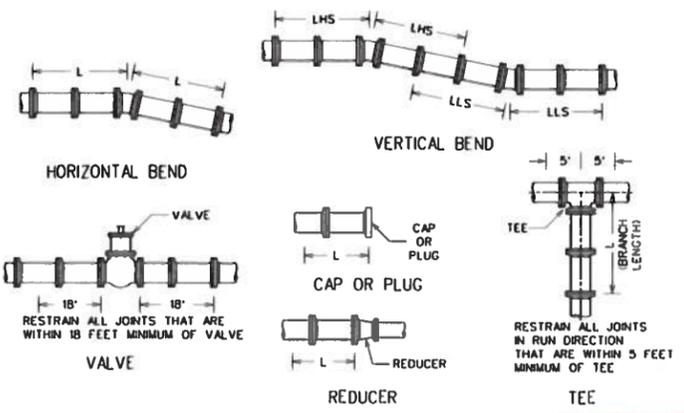
PIPE SIZE	BEND				TEE PLUG	REDUCER SIZE	AREA
	90°	45°	22-1/2°	11-1/4°			
4" - 6"	4	2.5	1.5	1	3	6" x 4"	2
8"	7	4	2	1	5	8" x 6"	2.5
12"	14.5	8	4	2	10.5	12" x 8"	5.5



- 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 TWO 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. REFER TO DETAIL THIS DWG.
 7. WOOD BLOCKING IS NOT PERMITTED.
 8. BASED ON CITY OF ROCHESTER STANDARD DWG NO. S900-4



HORIZONTAL THRUST BLOCK DETAIL
NOT TO SCALE



WATER MAIN PIPE RESTRAINT DETAIL
NOT TO SCALE

PIPE SIZE (INCHES)	MINIMUM LENGTH	MINIMUM RESTRAINED LENGTH FOR WATER MAIN PIPE ADJACENT TO FITTINGS (IN FEET) (BASED ON INTERNAL PRESSURE OF 150 PSI) (SEE NOTE 1)						
		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, REFER TO HORIZONTAL THRUST BLOCK DETAIL THIS DWG.
 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.
 5. BASED ON CITY OF ROCHESTER STANDARD DWG NO. S900-7

DATE: JAN. 2015
SCALE: AS NOTED
DESIGNED BY: PGW/CLL
DRAWN BY: KLD/MD2

REVISIONS

NO.	DATE	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION
CONSTRUCTION DETAILS

WATER BUREAU
WATER BUREAU

SEE NOTES ON CD-1

HYDRANT AT EXISTING BRANCH DETAIL

HYDRANT AND VALVE AT NEW BRANCH DETAIL

HORIZONTAL THRUST BLOCK DETAIL

WATER MAIN PIPE RESTRAINT DETAIL

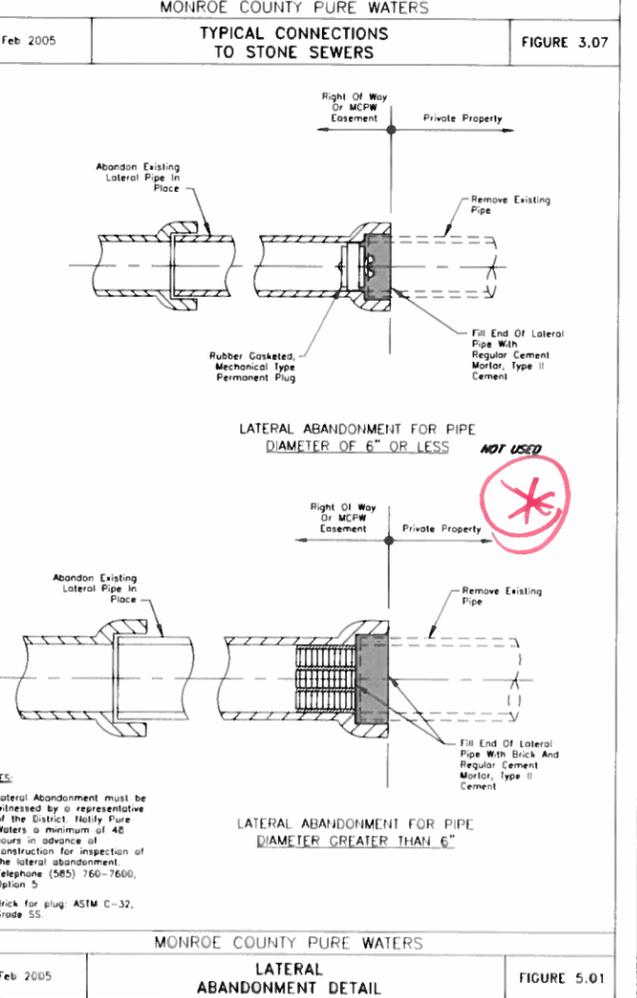
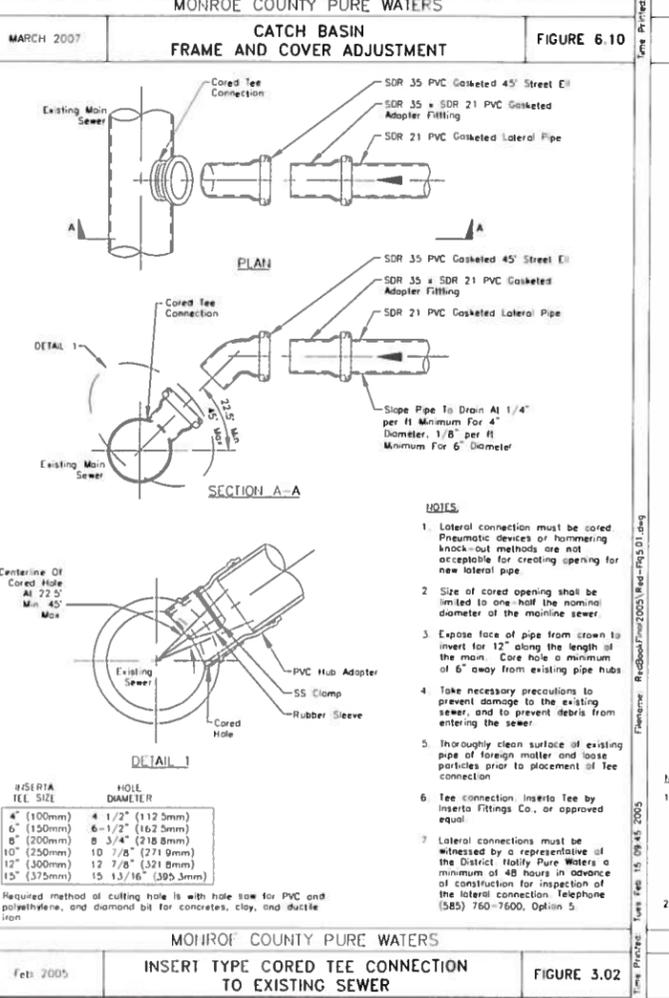
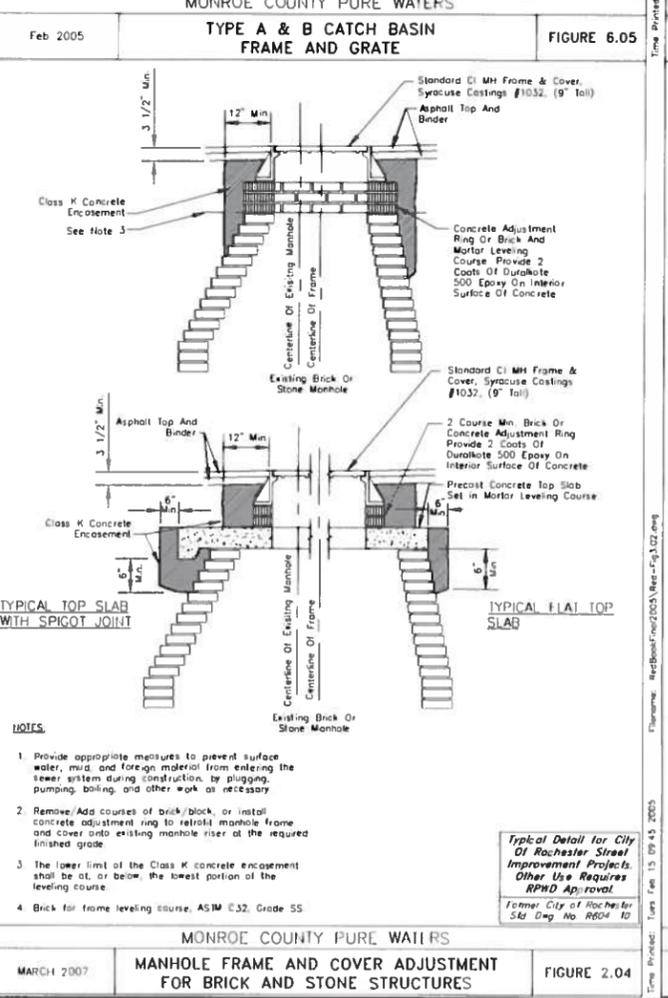
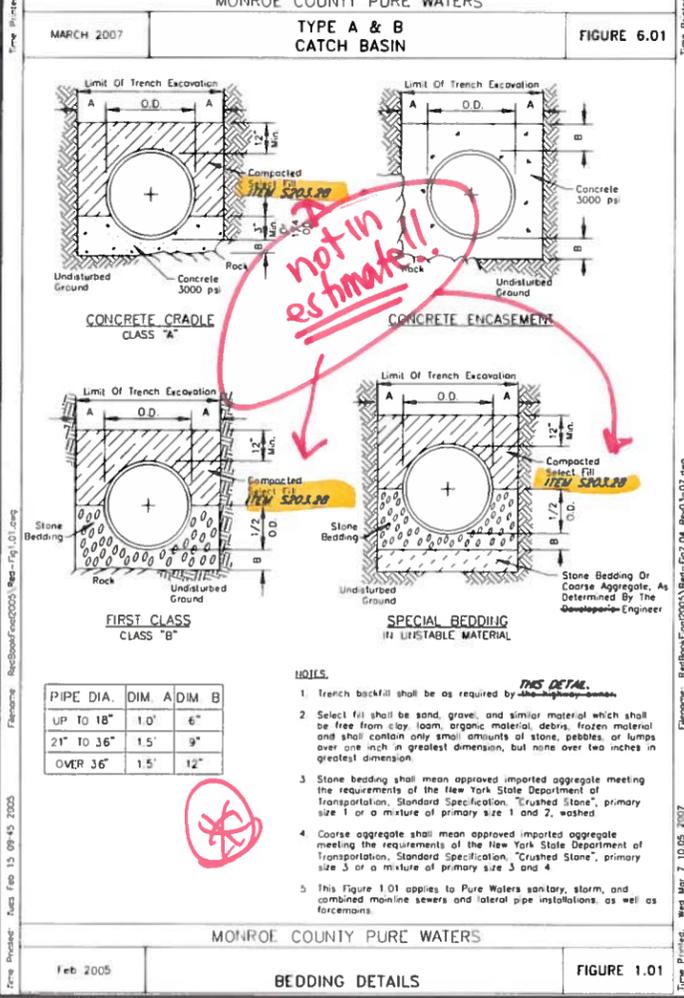
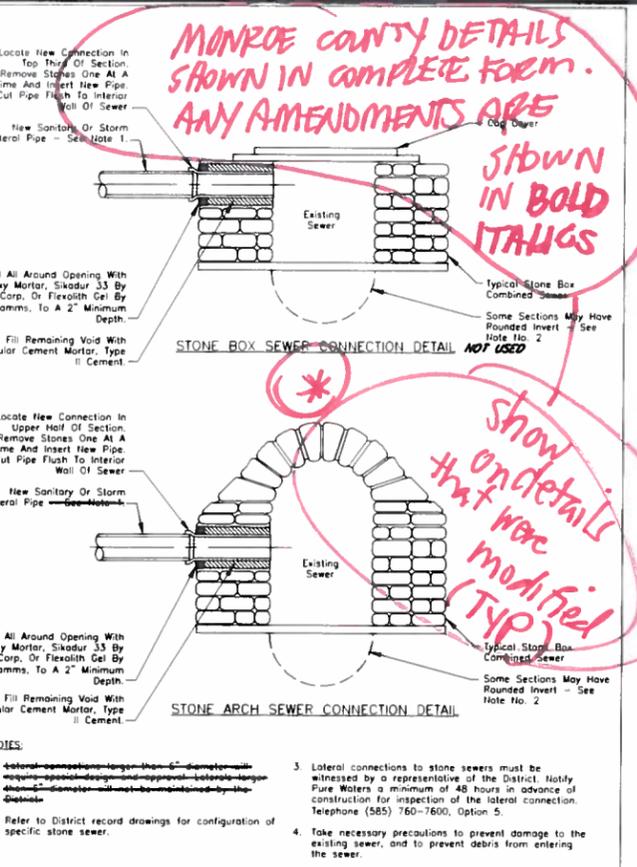
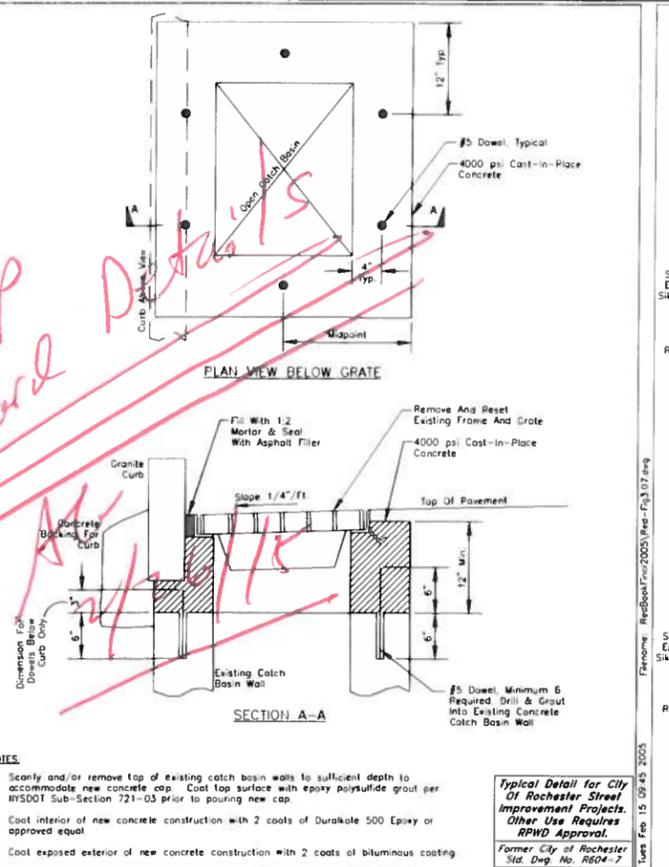
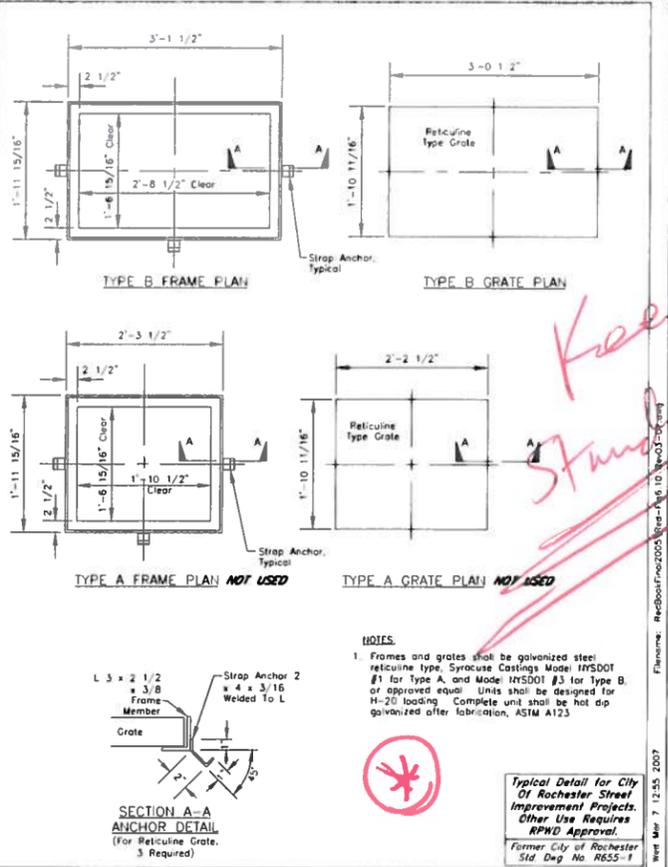
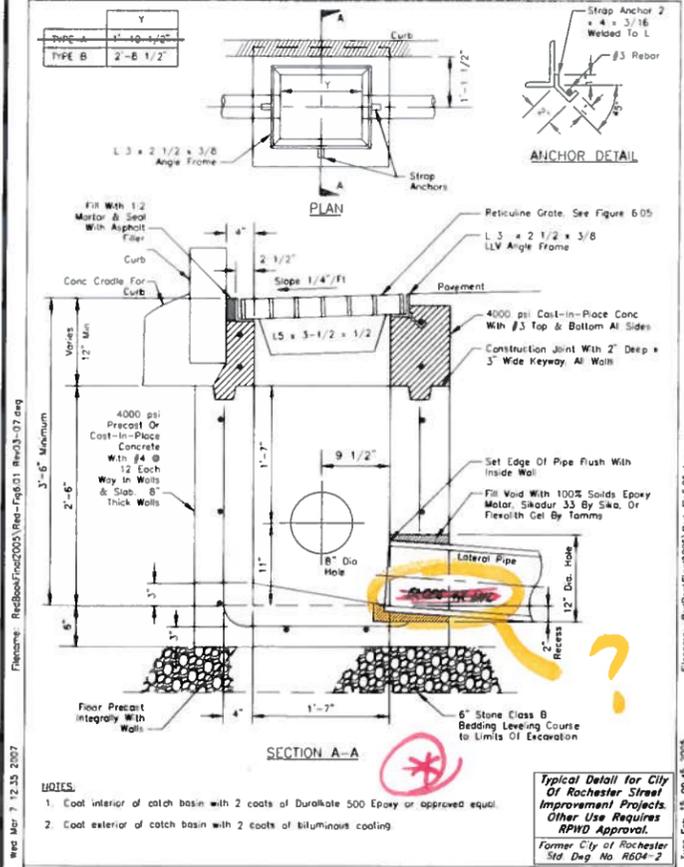
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DRAWING NO. CD-3
SHEET 12 OF 44
WENDEL JOB NUMBER 22134062



DATE: AUG. 2014
BY: AS NOTED
SCALE: AS NOTED
DESIGNED BY: KLO/IMED
DRAWN BY: KLO/IMED

REVISIONS

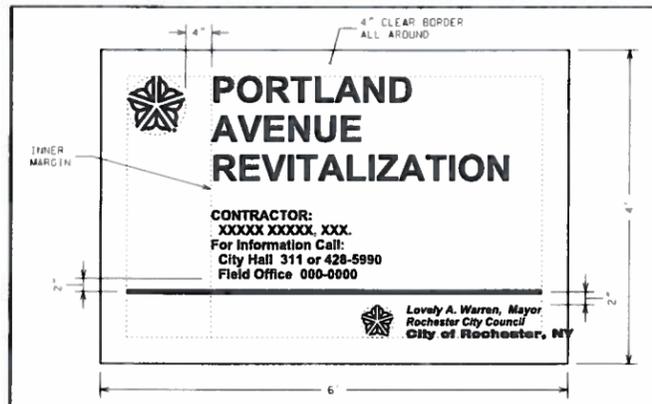
NO.	DATE	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION
CONSTRUCTION DETAILS

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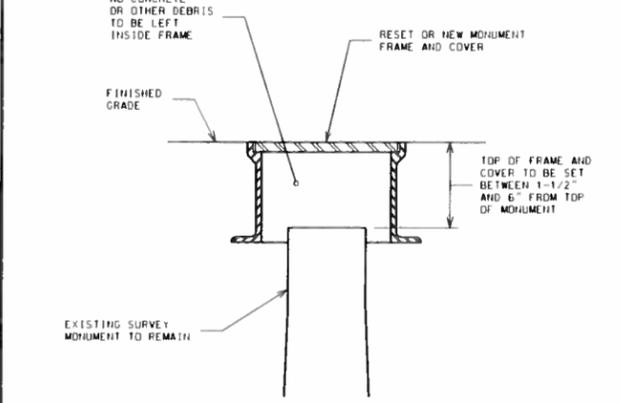
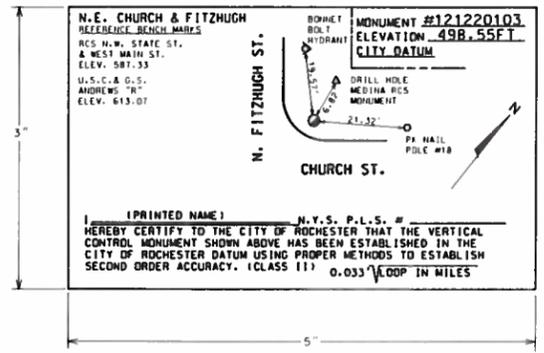
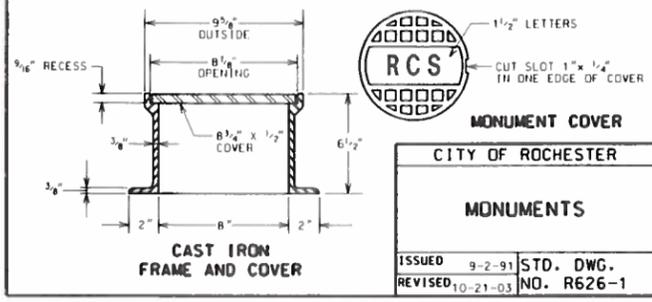
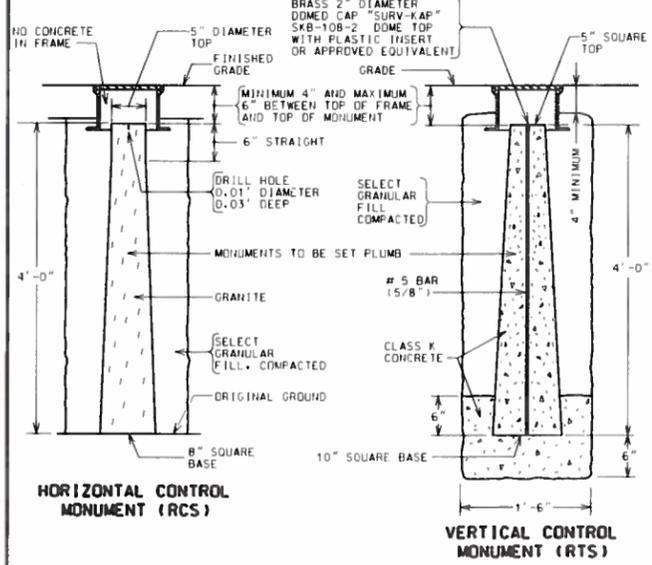
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DRAWING NO. CD-7
SHEET 16 OF 44
WENDEL JOB NUMBER 22134062

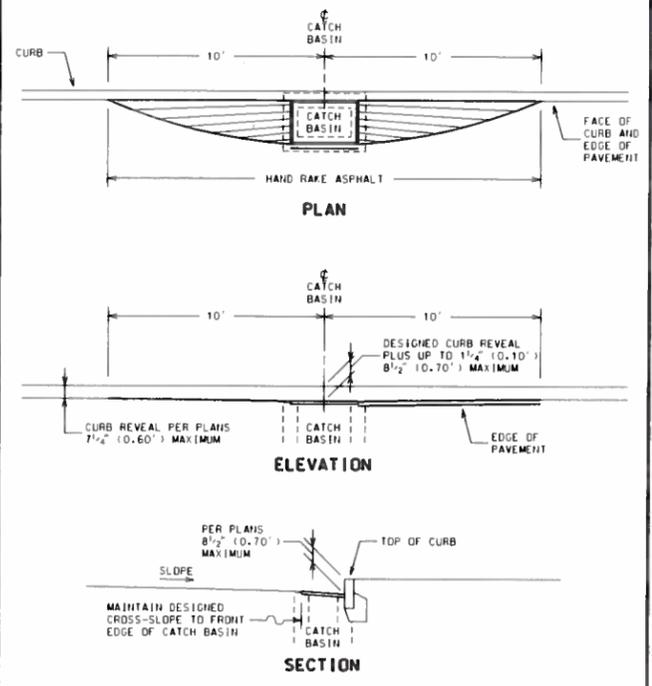


- LAYOUT:**
- CLEAR BORDER 4" ALL AROUND
 - INNER MARGIN 4" BETWEEN UPPER CITY MARK AND TEXT
 - UPPER CITY MARK TO BE 9" DIAMETER AND FLUSH WITH CLEAR BORDER
 - "CONTRACTOR" AND "FOR INFORMATION CALL" TEXT TO BE FLUSH WITH INNER MARGIN
 - LOWER CITY MARK TO BE 5" DIAMETER AND BOTTOM TO BE FLUSH WITH 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 3/4" THICK 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



- 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.



- 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 |

*missing curbed median
blowup detail...
- pattern to flush median?
- color spec?*

DATE:	JAN 2015	SCALE:	NTS	DESIGNED BY:	PGW/CJL	DRAWN BY:	KLO/MD2
BY:							
NO.	DATE	DESCRIPTION					

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

CONSTRUCTION DETAILS

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

DRAWING NO.
CD-9

SHEET 18 OF 44
WENDEL JOB NUMBER
22134062

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

REVISIONS

NO.	DATE	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

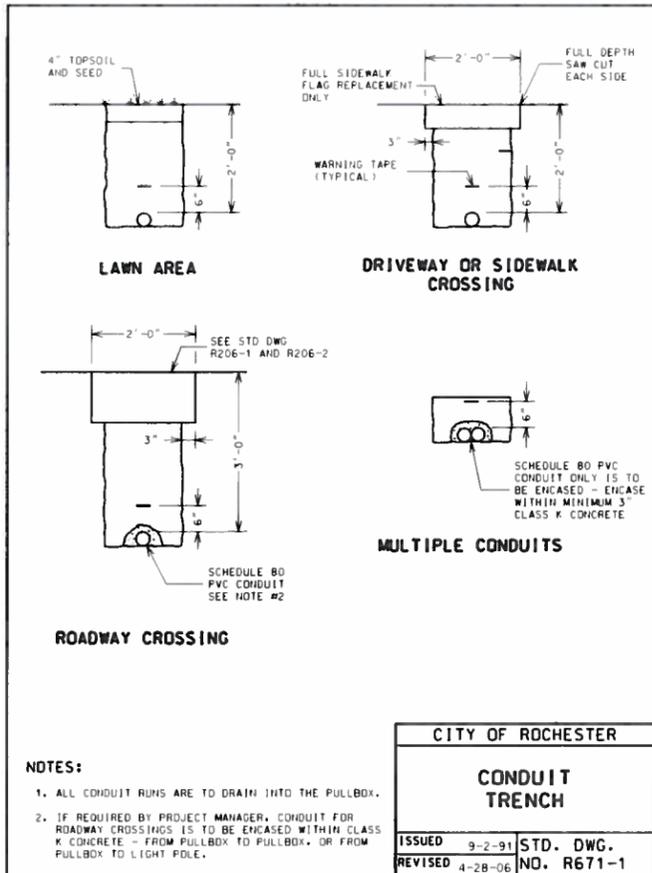
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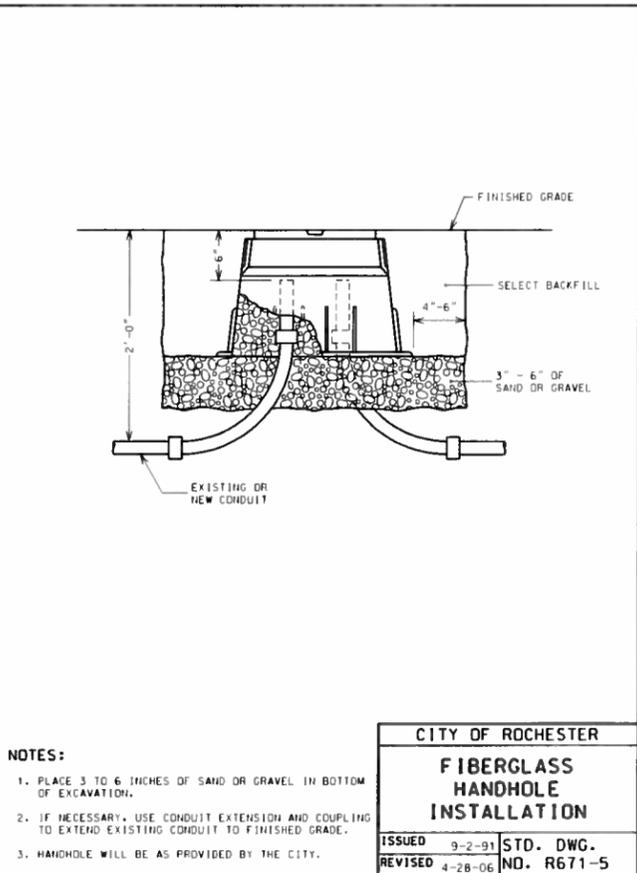
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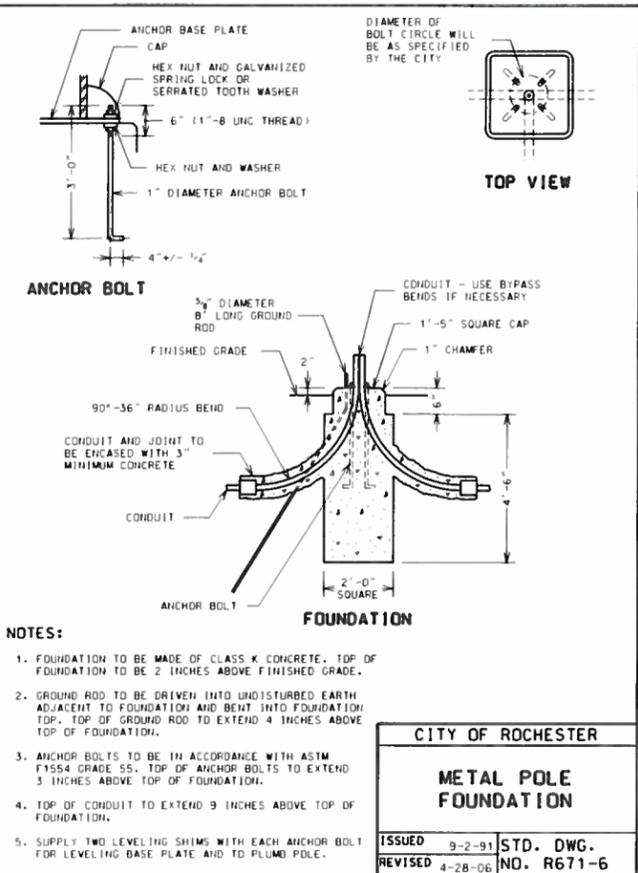
DRAWING NO
CD-10
SHEET 19 OF 44
WENDEL JOB NUMBER
22134062



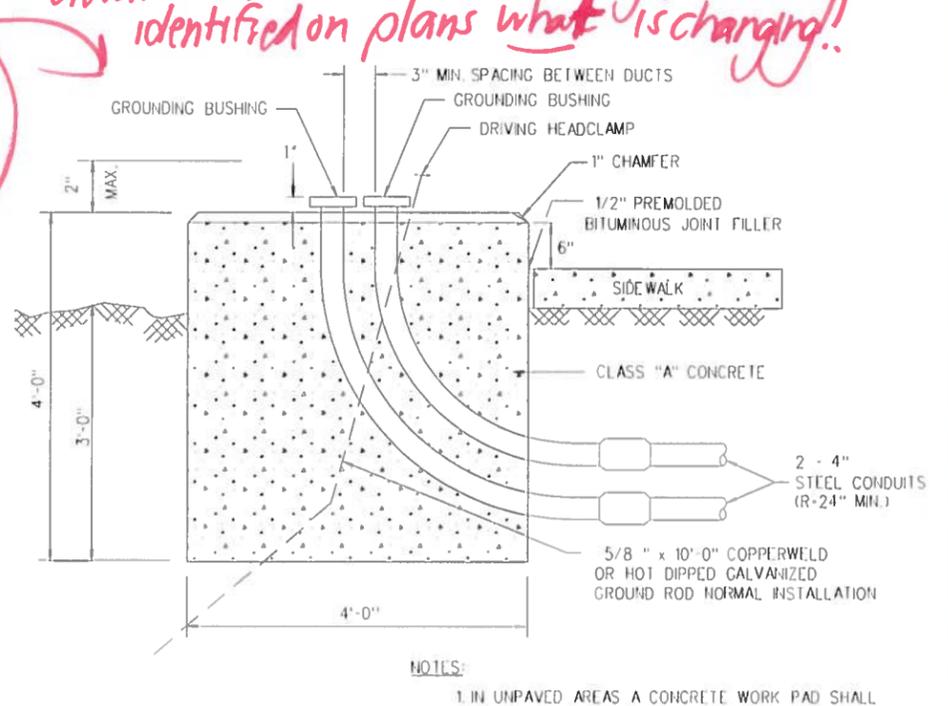
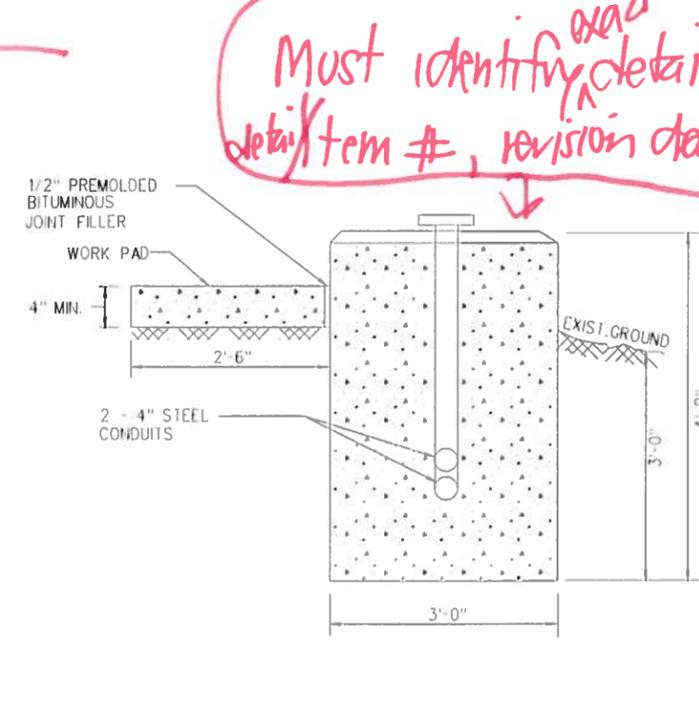
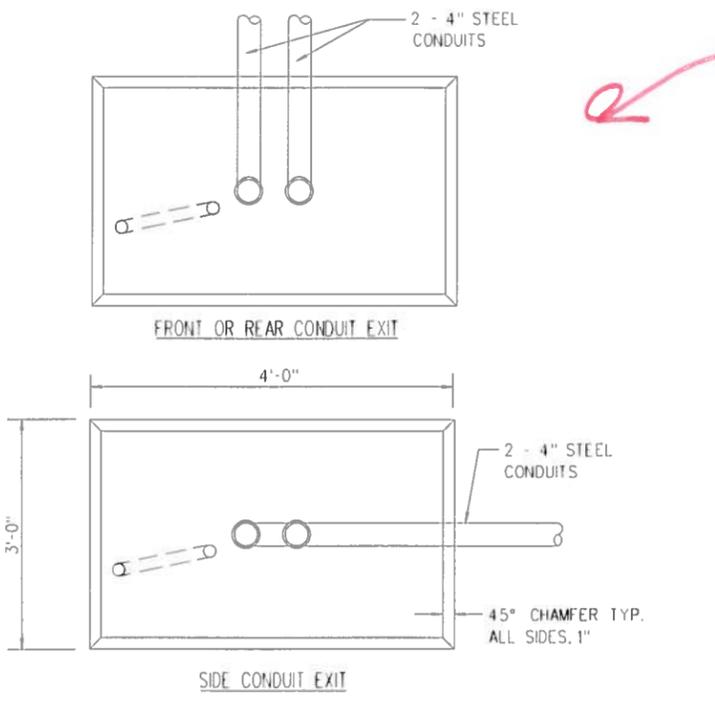
CITY OF ROCHESTER	
CONDUIT TRENCH	
ISSUED	9-2-91
REVISED	4-28-06
STD. DWG. NO.	R671-1



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



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



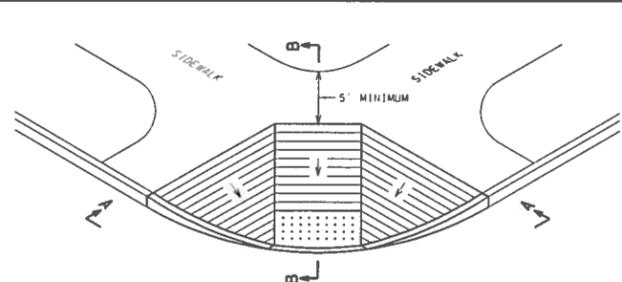
Must identify exact detail name, detail item #, revision date / issue date!

details must not be changed unless identified on plans what is changing!

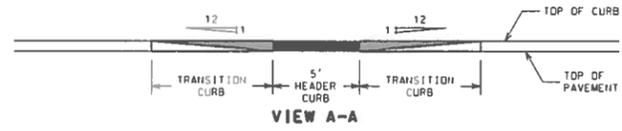
Where did this detail come from??

Where did detail come from??

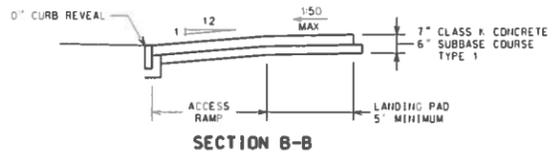
Where did detail come from??



ACCESS RAMP TYPE A ISOMETRIC



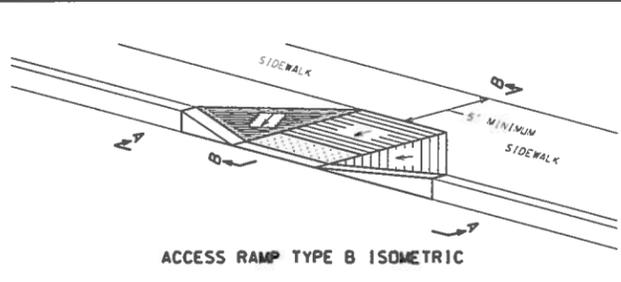
VIEW A-A



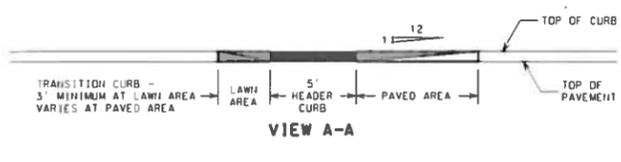
SECTION B-B

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

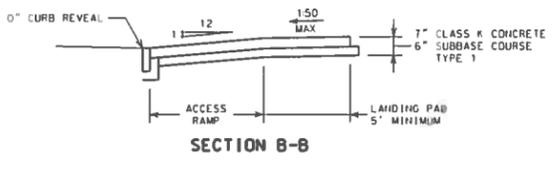
CITY OF ROCHESTER
SIDEWALK ACCESS RAMP TYPE A
 ISSUED 9-2-91 STANDARD
 REVISED 5-1-13 DWG.NO.R608-1



ACCESS RAMP TYPE B ISOMETRIC



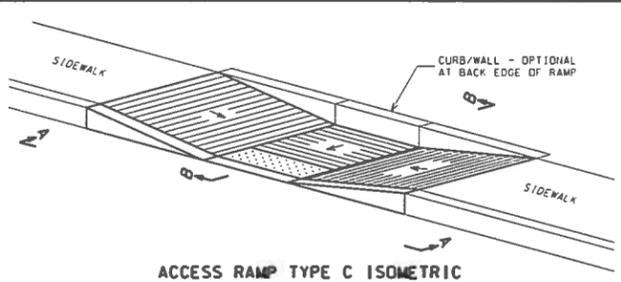
VIEW A-A



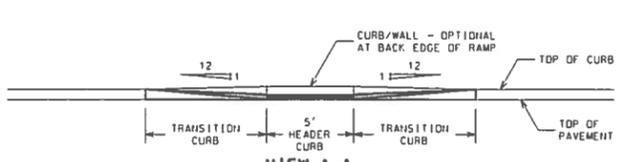
SECTION B-B

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

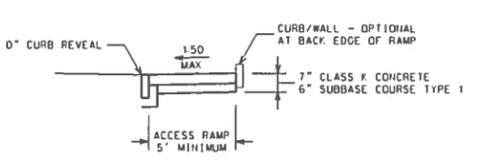
CITY OF ROCHESTER
SIDEWALK ACCESS RAMP TYPE B
 ISSUED 9-2-91 STANDARD
 REVISED 5-1-13 DWG.NO.R608-2



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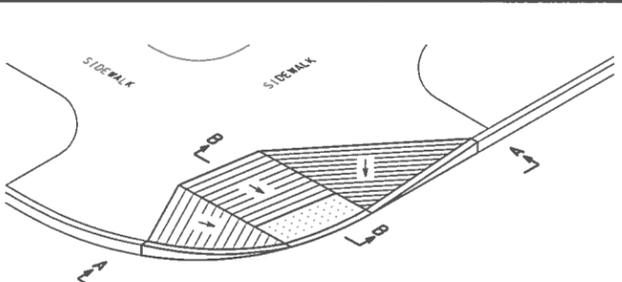
VIEW A-A



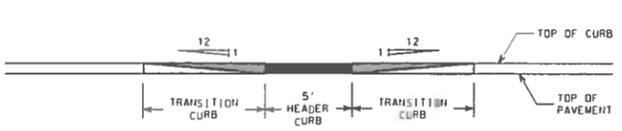
SECTION B-B

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

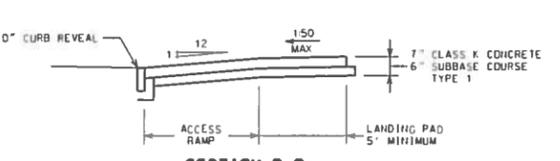
CITY OF ROCHESTER
SIDEWALK ACCESS RAMP TYPE C
 ISSUED 9-2-91 STANDARD
 REVISED 5-1-13 DWG.NO.R608-3



ACCESS RAMP TYPE D ISOMETRIC



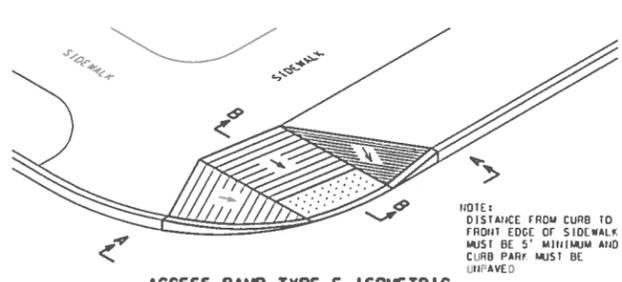
VIEW A-A



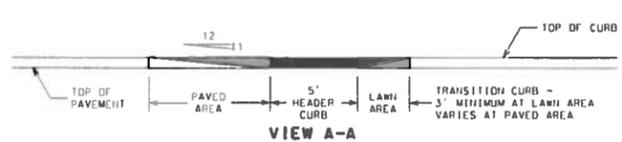
SECTION B-B

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

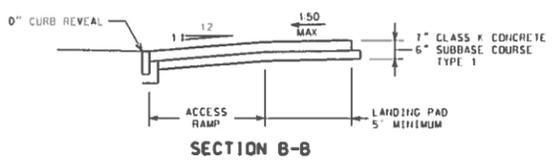
CITY OF ROCHESTER
SIDEWALK ACCESS RAMP TYPE D
 ISSUED 9-2-91 STANDARD
 REVISED 5-1-13 DWG.NO.R608-4



ACCESS RAMP TYPE E ISOMETRIC



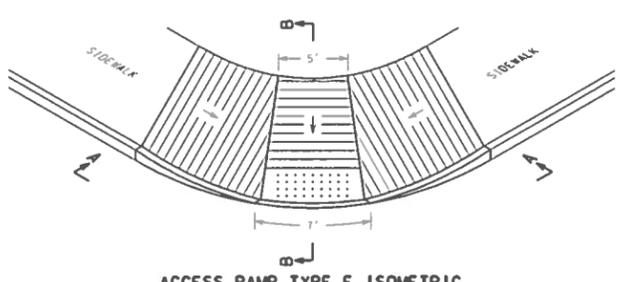
VIEW A-A



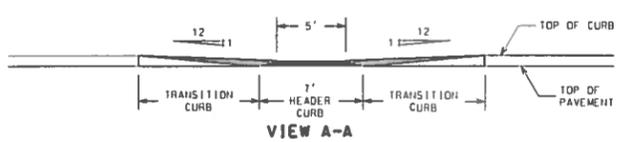
SECTION B-B

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

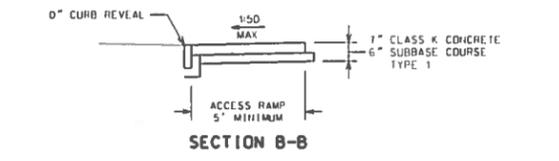
CITY OF ROCHESTER
SIDEWALK ACCESS RAMP TYPE E
 ISSUED 3-21-94 NON-STANDARD
 REVISED 5-1-13 DWG.NO.S608-13



ACCESS RAMP TYPE F ISOMETRIC



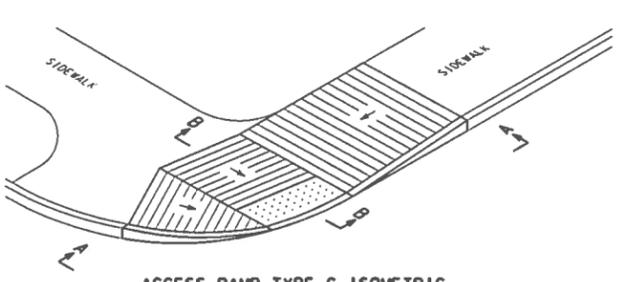
VIEW A-A



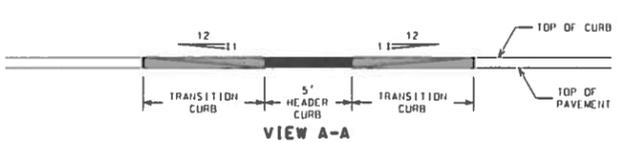
SECTION B-B

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

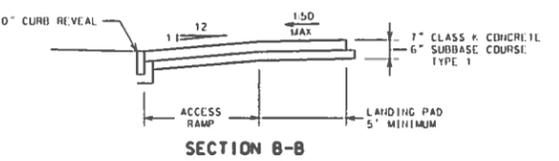
CITY OF ROCHESTER
SIDEWALK ACCESS RAMP TYPE F
 ISSUED 3-21-94 NON-STANDARD
 REVISED 5-1-13 DWG.NO.S608-14



ACCESS RAMP TYPE G ISOMETRIC



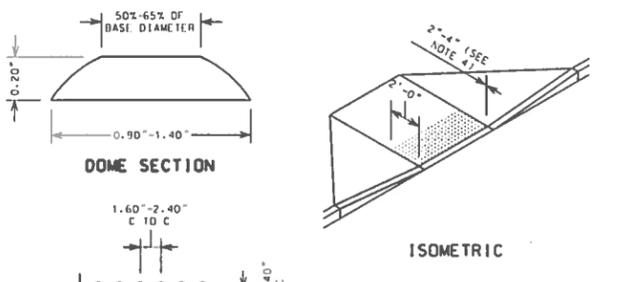
VIEW A-A



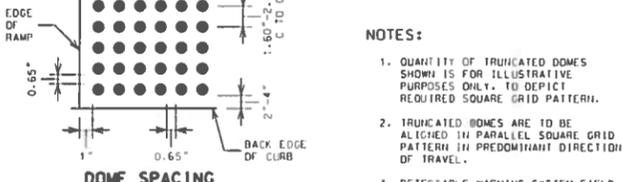
SECTION B-B

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

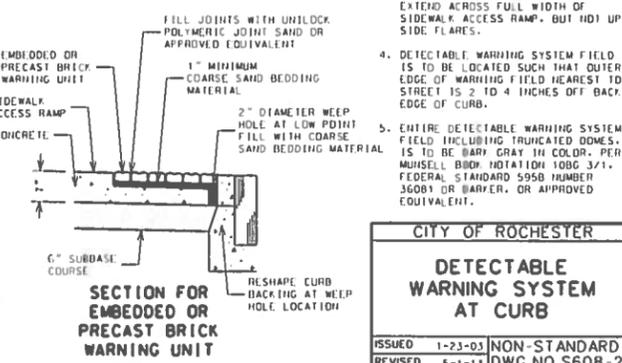
CITY OF ROCHESTER
SIDEWALK ACCESS RAMP TYPE G
 ISSUED 3-21-94 NON-STANDARD
 REVISED 5-1-13 DWG.NO.S608-15



ISOMETRIC



DOME SPACING



SECTION FOR EMBEDDED OR PRECAST BRICK WARNING UNIT

- NOTES:
- QUANTITY OF TRUNCATED DOMES SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY. TO DEPICT REQUIRED SQUARE GRID PATTERN.
 - TRUNCATED DOMES ARE TO BE ALIGNED IN PARALLEL SQUARE GRID PATTERN IN PREDOMINANT DIRECTION OF TRAVEL.
 - 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.
 - 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.
 - ENTIRE DETECTABLE WARNING SYSTEM FIELD INCLUDING TRUNCATED DOMES IS TO BE BARY GRAY IN COLOR, PER MUSELL BOOK NOTATION 1000 3/1, FEDERAL STANDARD 595B NUMBER 36081 OR BARBER, 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

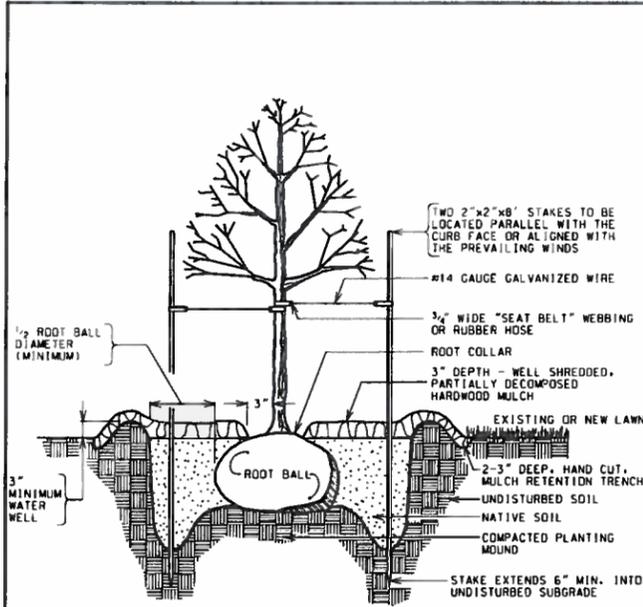
DATE:	JAN. 2015
SCALE:	NTS
DESIGNED BY:	PGW/CCL
DRAWN BY:	KLO/MDZ
NO.	DATE
REVISIONS	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
 PORTLAND AVENUE REVITALIZATION
 CONSTRUCTION DETAILS

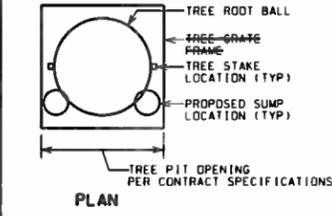
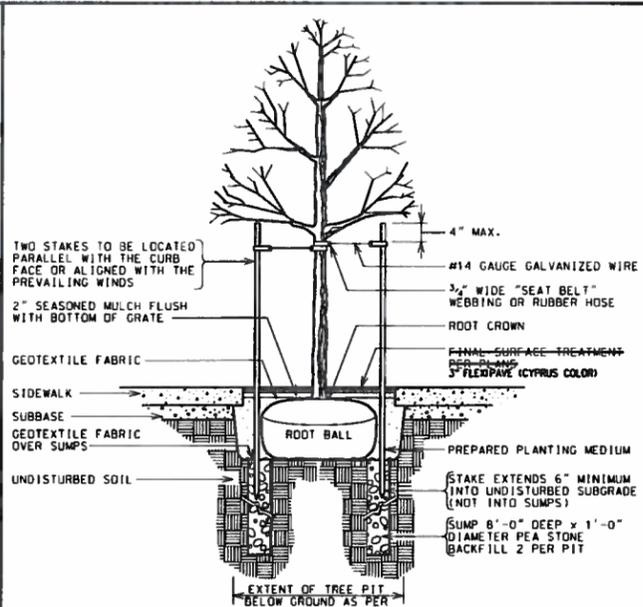
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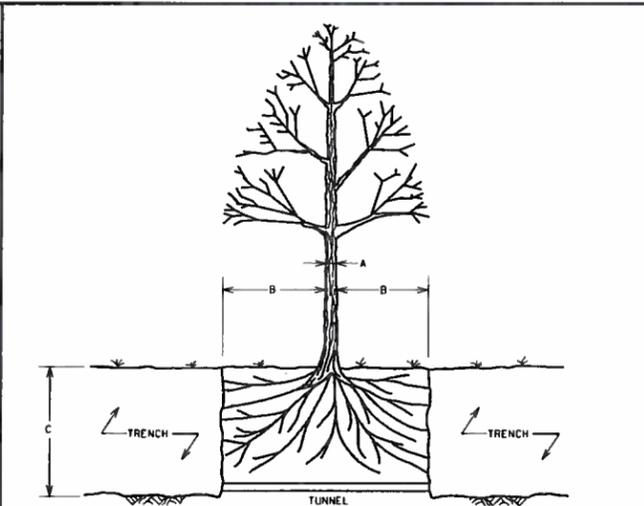
DRAWING NO.
CD-11
 SHEET 20 OF 44
 WENDEL JOB NUMBER
 22134082



CITY OF ROCHESTER
TREE PLANTING IN LAWN AREA
 ISSUED 9-2-91 STD. DWG.
 REVISED 2-10-00 NO. R611-1



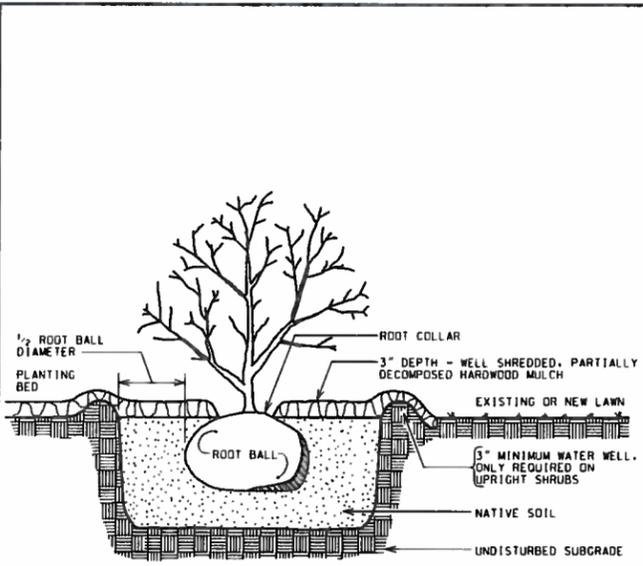
CITY OF ROCHESTER
TREE PLANTING IN PAVED AREA
 ISSUED 9-2-91 STD. DWG.
 REVISED 2-10-00 NO. R611-2



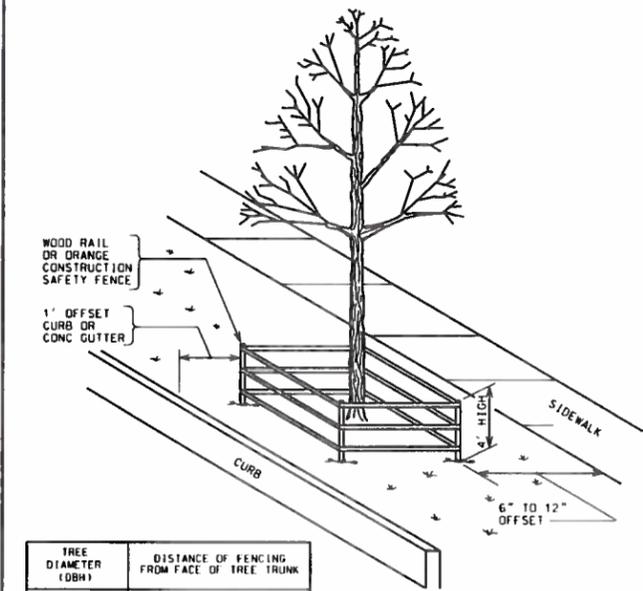
TREE DIAMETER "A" (DBH)	DISTANCE OF TUNNEL AND FENCING FROM FACE OF TREE TRUNK EACH SIDE "B"	RECOMMENDED DEPTH OF TUNNEL OR TRENCH "C"
LESS THAN 10"	6'	2 1/2'
10" - 14"	10'	3'
15" - 19"	12'	3 1/2'
20" OR MORE	15'	4'

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
UTILITY TRENCH AT EXISTING TREE
 ISSUED 11-20-92 NON-STANDARD
 REVISED 7-1-93 DWG.NO.S617-2



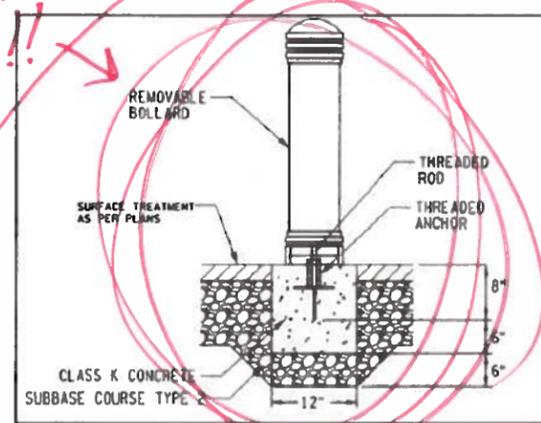
CITY OF ROCHESTER
SHRUB PLANTING
 ISSUED 9-2-91 STD. DWG.
 REVISED 2-10-00 NO. R611-3



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



DECORATIVE METAL BOLLARD - ITEM S615.98
 NOT TO SCALE

estimate includes 6" steel bollard... where will it go? is it necessary??
→ if so, detail must be added back...
→ and if not, remove item from estimate!!

PROVIDE CATALOG W/ T CHOICES!

Refer to previous PSFE review comments!!

Material type? Fixed? Removable? Dimensions? style type? NEEDS MORE INFO!!

DATE: FEB. 2015
 SCALE: NTS
 DESIGNED BY: PGW/CIL
 DRAWN BY: KLO/MDZ

REVISIONS

NO.	DATE	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
 PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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

DRAWING NO.
 CD-14
 SHEET 23 OF 44
 WENDEL JOB NUMBER
 22134062

DATE:	JAN. 2015
SCALE:	AS NOTED
DESIGNED BY:	PGW / CL
DRAWN BY:	KLO / MD2

NO.	DATE	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
 PORTLAND AVENUE REVITALIZATION



CONSTRUCTION DETAILS

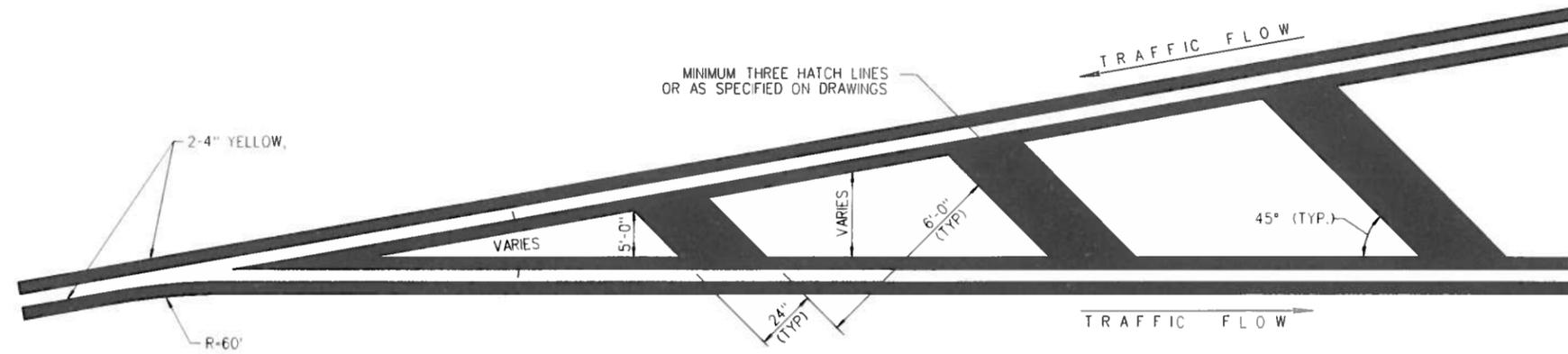
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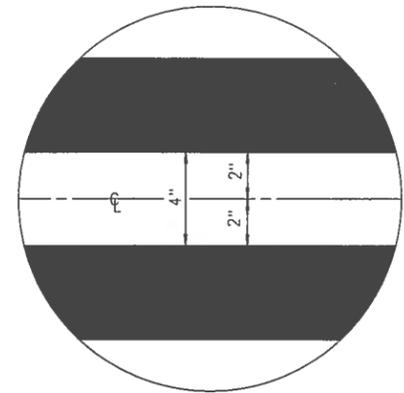
DRAWING NO.
CD-15

SHEET 24 OF 44

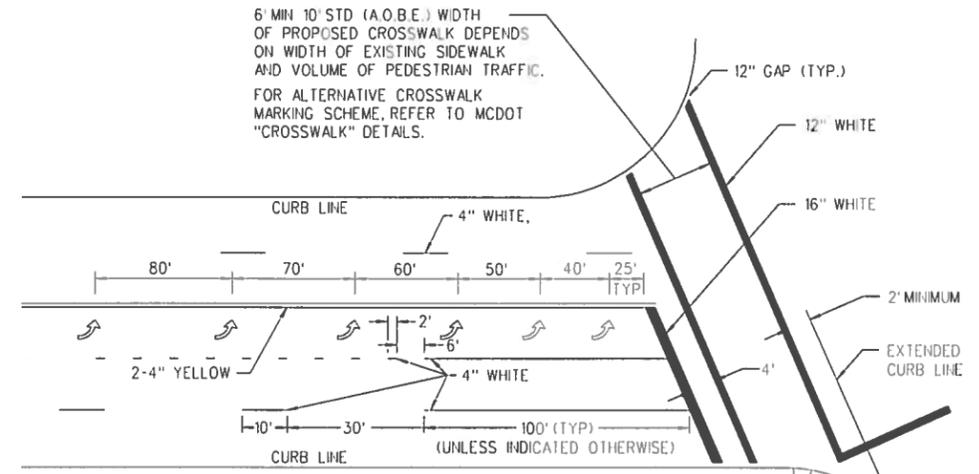
WENDEL JOB NUMBER
 22134062



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.

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 Landscape Architecture P.C.

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	S912.090075, S913.030075, S914.030075, 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

SEE GSE-1
 (WATER)
 COMMENTS

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.

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

DATE: JAN. 2015
 SCALE: NTS
 DESIGNED BY: PGM/CIL
 DRAWN BY: KLO/MDZ

REVISIONS

NO.	DATE	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
 PORTLAND AVENUE REVITALIZATION

CONSTRUCTION TABLES



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Wendel NY Architects, Engineering, Surveying and Landscape Architecture P.C.

DRAWING NO.
CT-1
 SHEET 25 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 + 67 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	1156-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:

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

DATE: JAN. 2015	SCALE: NTS	DESIGNED BY: PGW/C/L	DRAWN BY: KLO/MD2												
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				NO.	DATE	DESCRIPTION									
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 <p>100 Chestnut Street, Suite 1110 Rochester, NY 14604 www.wendelcorporates.com</p> <p>Wendel NY Architecture, Engineering, Surveying and Landscape Architecture P.C.</p>															
<p>DRAWING NO. CT-3</p> <p>SHEET 27 OF 44</p> <p>WENDEL JOB NUMBER 22134062</p>															

DRAINAGE TABLE								
SURVEY STRUCTURE NO.	RPWD FACILITIES I.D.	EXISTING		PROPOSED		EXISTING TOP OF GRATE (INVERT)	PROPOSED TOP OF GRATE (INVERT)	DISPOSITION
		LOCATION (STA.)	OFFSET (FT.)	LOCATION (STA.)	OFFSET (FT.)			
DS 60	316797	71+39	17 LT	N/A		NOT AVAILABLE (471.95 E)	-	NO WORK
DS 59	316919	L 9+46	09 LT	N/A		NOT AVAILABLE (471.66 E)	-	NO WORK
DS 58	316920	L 9+41	11 RT	N/A		NOT AVAILABLE (470.40 E)	-	NO WORK
DS 57	316798	71+79	22 RT	N/A		NOT AVAILABLE (470.81 W)	-	NO WORK
DS 56	317450	L 10+41	07 RT	N/A		NOT AVAILABLE (471.76 N)	-	NO WORK
DS 55	317451	L 10+50	12 LT	N/A		NOT AVAILABLE (471.59 S)	-	NO WORK
DS 54	316794	73+89	18 LT	N/A		NOT AVAILABLE (471.00 E)	-	NO WORK
DS 53	316795	74+08	20 RT	N/A		NOT AVAILABLE (470.52 W)	-	NO WORK
DS 52	316918	RD 10+54	08 LT	N/A		NOT AVAILABLE (NOT AVAIL.)	-	NO WORK
DS 51	316917	RD 10+49	09 RT	N/A		NOT AVAILABLE (470.44 S)	-	NO WORK
DS 50	316796	75+44	19 RT	N/A		NOT AVAILABLE (470.00 W)	-	NO WORK
DS 49	317452	RA 10+41	06 RT	N/A		NOT AVAILABLE (469.79 N)	-	NO WORK
DS 48	317453	RA 10+45	08 LT	N/A		NOT AVAILABLE (469.88 S)	-	NO WORK
DS 47	316855	76+31	20 LT	N/A		474.25 (NOT AVAILABLE)	-	NO WORK
DS 46	317366	DU 10+46	14 LT	N/A		474.03 (470.17 N)	-	NO WORK
DS 45	316585	DU 10+40	11 RT	N/A		474.06 (469.42 S)	-	NO WORK
DS 44	316580	78+45	21 RT	78+45	18 RT	473.46 (467.04 W)	473.50 (467.04 W)	REMOVE EXISTING CATCH BASIN AND REPLACE WITH TYPE B CATCH BASIN. INSTALL NEW 8" SDR 21 PVC. CONNECT TO EXISTING 8" CMP LATERAL. EXISTING SEWER INVERT 460.47 ±. 48" or 5' 7 1/2" Stone RCP
DS 43	316579	78+64	20 LT	N/A		473.24 (468.85 E)	-	NO WORK
DS 42	317449	0 10+44	9 RT	N/A		473.25 (469.15 N)	-	NO WORK
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. INSTALL NEW 8" SDR 21 PVC. CONNECT TO EXISTING 8" CMP LATERAL. EXISTING SEWER INVERT 471.47 ±. 48" or 5' 7 1/2" Stone RCP
DS 40	316578	80+26	20 LT	N/A		472.60 (468.40 E)	-	NO WORK
DS 39	316577	80+60	20 RT	N/A		472.46 (468.37 W)	MATCH FINISHED GRADE	ADJUST EXISTING FRAME AND GRATE
DS 38	316576	81+02	36 LT	N/A		472.04 (466.95 E)	-	NO WORK
DS 36	316574	82+20	20 RT	81+96	19 RT	471.62 (465.50 N)	471.79 (466.29 N)	REMOVE EXISTING CATCH BASIN AND REPLACE WITH TYPE B CATCH BASIN IN NEW LOCATION. INSTALL NEW 8" SDR 21 PVC. CONNECT TO EXISTING 5' 7 1/2" STONE SEWER. EXISTING SEWER INVERT 474.47 ±. DOES NOT MAKE SENSE
DS 37	316575	82+45	20 LT	N/A		471.35 (465.58 N)	-	NO WORK
DS 35	317443	G 10+50	11 RT	N/A		471.20 (467.26 E)	-	NO WORK
DS 34	317442	G 10+71	11 LT	N/A		470.81 (466.81 N)	-	NO WORK (467.27 S)
DS 33	316543	83+83	20 LT	83+70	16 LT	470.72 (466.5 SE)	470.75 (467.25 SE)	REMOVE EXISTING CATCH BASIN. ABANDON LATERAL AND REPLACE WITH TYPE B CATCH BASIN IN NEW LOCATION. INSTALL NEW 8" SDR 21 PVC. CONNECT TO 48" RCP SEWER. EXISTING SEWER INVERT 457.95 ±.
DS 31	316544	84+38	32 LT	N/A		470.33 (465.38 S)	MATCH FINISHED GRADE	ADJUST EXISTING FRAME AND GRATE
DS 32	316545	84+51	20 RT	N/A		470.52 (465.92 W)	-	NO WORK R601.0208
DS 30	316524	86+12	20 RT	N/A		469.83 (463.98 W)	-	NO WORK R601.0212
DS 29	316523	86+30	20 LT	N/A		469.63 (465.33 E)	MATCH FINISHED GRADE	ADJUST EXISTING FRAME AND GRATE
CHAPIN ST.	317386			N/A		NOT AVAILABLE (NOT AVAILABLE)	-	NO WORK

if CB is moving closer to the main it likely will not have the same invert

DOES NOT MAKE SENSE - CHECK EXIST SEWER INVERT

DOES NOT MAKE SENSE

5'-7 1/2" (space)

- ITEM S803.992108 - 8" POLYVINYL CHLORIDE LATERAL PIPE, SDR21 - INSTALLED (INCLUDING LATERAL CONNECTION) (INCLUDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION) **CITY SPEC!**
- ITEM S803.992112 - 8" POLYVINYL CHLORIDE LATERAL PIPE, SDR21 - INSTALLED (INCLUDING LATERAL CONNECTION) (INCLUDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION) **USE CITY SPEC!**
- ITEM S804.3702 - TYPE B CATCH BASIN - INSTALLED (INCLUDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION)
- ITEM S804.4101 - ADDITIONAL DEPTH TYPE B CATCH BASIN (INCLUDING EXCAVATION AND BACKFILL)
- ITEM S804.550201 - ABANDON AND REMOVE EXISTING CATCH BASIN (INCLUDING EXCAVATION AND BACKFILL)
- ITEM S804.60 - ADJUST EXISTING SEWER MANHOLE FRAME AND COVER (INCLUDING EXCAVATION AND BACKFILL)

add sewer manhole table

S604560303 in EST.?

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

SEWER MANHOLE TABLE

MH #	Station	Top Comp. EXIST. PROP.	PROP. DISPOSITION	Item #
SMH 16				
SMH 17				

DATE: FEB. 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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DRAWING NO.
CT-4

SHEET 28 OF 44
WENDEL JOB NUMBER
22134062

TREE PLANTING TABLE

STATION	SIDE	OFFSET (FT)	BOTANICAL NAME	COMMON NAME	ITEM NO.
71+02	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	S611.0401
71+36	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
73+75	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+50	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
86+58	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+22	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	S611.0402
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
- ITEM S614.36 - TREE REMOVAL - 12" TO 17" DBH
- ITEM S614.37 - TREE REMOVAL - 18" TO 23" DBH
- ITEM S614.38 - TREE REMOVAL - 24" TO 29" DBH
- ITEM S614.39 - TREE REMOVAL - 30" TO 35" DBH

SIDEWALK TREATMENT TABLE

STATION TO STATION	SIDE	TREATMENT	ITEM NO.
70+95 TO 70+54	LT	EXPOSED AGGREGATE CONCRETE	S608.37
71+28 TO 72+14	RT	EXPOSED AGGREGATE CONCRETE	S608.37
71+79 TO 72+46	LT	EXPOSED AGGREGATE CONCRETE	S608.37
72+46 TO 73+72	LT	CONCRETE	S608.14
72+40 TO 73+01	RT	EXPOSED AGGREGATE 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 AGGREGATE CONCRETE	S608.37
76+80 TO 78+79	RT	CONCRETE	S608.14
79+09 TO 79+91	RT	EXPOSED AGGREGATE 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 AGGREGATE 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 AGGREGATE CONCRETE	S608.37
86+65 TO 87+95	LT/RT	DECORATIVE COLORED CONCRETE	S608.5601
87+95 TO 88+10	LT/RT	EXPOSED AGGREGATE 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 AGGREGATE 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 AGGREGATE CONCRETE	S608.37
95+17 TO 97+41	LT	EXPOSED AGGREGATE 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 AGGREGATE CONCRETE	S608.37
97+91 TO 98+26	RT	EXPOSED AGGREGATE 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 AGGREGATE 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:	FEB. 2015
BY:	
REVISIONS	DESCRIPTION
NO.	DATE
SCALE:	NTS
DESIGNED BY:	PGW/CIL
DRAWN BY:	KLO/MDZ

CITY OF ROCHESTER, NEW YORK
 PORTLAND AVENUE REVITALIZATION
 CONSTRUCTION TABLES

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 PERSON OTHER THAN THE ORIGINAL
 MADE



PREVIOUS COMMENT (M & S) STATED TO REPLACE BRASS DISC

MONUMENT NO.	TYPE	LOCATION	DISPOSITION	ITEM NO.
091830205	RCS	SE CORNER PORTLAND AND LUX	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091830103	RCS	NW CORNER PORTLAND AND LUX	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
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 DURMAN	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750305	RCS	NE CORNER PORTLAND AND RANDOLPH	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750101	RCS	NW CORNER PORTLAND AND DURMAN	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750307	RCS	SE CORNER PORTLAND AND QUINTA	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091750103	RCS	SW CORNER PORTLAND AND BARBERRY	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750207	RCS	NW CORNER PORTLAND AND BARBERRY	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750303	RCS	SE CORNER PORTLAND AND GRAFTON	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091750205	RCS	NW CORNER PORTLAND AND DELAMAINE	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750302	RCS	SE CORNER PORTLAND AND CHAPIN	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091750301	RCS	SE 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	--
091760101	RCS	NE CORNER PORTLAND AND CHAPIN	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091760107	RCS	NW CORNER PORTLAND AND CHAPIN	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	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
009180201	RCS	NE CORNER PORTLAND AND POMEROY	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091670202	RCS	NW CORNER PORTLAND AND TURPIN	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
091680102	RCS	NE CORNER PORTLAND AND SYLVESTER	RESET EXISTING MONUMENT FRAME AND COVER TO GRADE	S626.07
091670106	RCS	NW CORNER PORTLAND AND DICKINSON	EXISTING MONUMENT TO REMAIN - NO WORK ANTICIPATED	--
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 626.07 - RESET EXISTING MONUMENT FRAME AND COVER

Counted 134

UPDATE BASED ON COMMENTS TO PLANS!

missing from plan? removed? utility conflict?

DECORATIVE METAL BOLLARD - ITEM S615.98					
STATION	SIDE	OFFSET (FT)	STATION	SIDE	OFFSET (FT)
71+31	LT	22.8	97+16	LT	26.5
71+36	LT	22.8	97+16	RT	26.5
71+48	LT	47.8	97+21	LT	26.5
71+50	RT	22.8	97+21	RT	26.5
71+51	LT	43.5	97+26	LT	26.5
71+52	LT	38.6	97+26	RT	26.5
71+55	RT	22.8	97+39	LT	40.7
71+60	RT	22.8	97+39	LT	45.7
71+75	RT	22.8	97+39	LT	50.7
71+82	LT	44.4	97+39	LT	55.7
71+84	LT	39.9	97+44	RT	46.1
72+10	RT	41.3	97+44	RT	51.1
72+13	RT	45.5	97+44	RT	56.1
72+27	LT	22.8	97+92	LT	59.9
72+32	LT	22.8	97+93	RT	56.4
72+37	LT	22.8	97+93	LT	54.9
72+41	RT	37.0	97+94	RT	51.6
72+42	LT	22.8	97+94	LT	50.1
72+43	RT	41.8	97+95	LT	47.0
72+45	RT	46.1	98+10	LT	30.0
72+58	RT	22.8	98+13	RT	30.0
72+63	RT	22.8	98+14	LT	29.2
72+68	RT	22.8	98+18	RT	28.4
97+11	LT	26.5	98+19	LT	27.8
97+11	RT	26.5	98+23	RT	27.9

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

97+11 RT? existing
97+16 RT
97+21 RT
97+26 RT
Aren't bollards remaining??
why replace?

maybe repaint?

STATION	SIDE	ADDRESS	APRON MATERIAL	CURB		APRON LENGTH (FT)	ITEM NUMBER	COMMENT
				HEADER LENGTH (FT)	TRANS. LENGTH (FT)			
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		REMOVE EXISTING DRIVEWAY APRON AND CURB CUT
80+47	RT	936 PORTLAND AVE	CONCRETE	29	3	5		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

HYDRANT TABLE			
STATION	SIDE	OFFSET (FT)	ITEM NO.
RA 10+89	LT	14.7	S917.01
B 9+38	LT	15.0	S917.01
S 10+50	LT	15.3	S917.01
96+46	LT	26.5	S917.02

ITEM S917.01 - NEW HYDRANT
ITEM S917.02 - NEW HYDRANT (INCLUDING REMOVAL OF EXISTING HYDRANT)
S917.05 -

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

Joe Borrelli 2/25/15 visitation
CORtainsta - 30', 6' arm, headcap LED
COR remove poles/ arms/ fixtures
- bolt spacing? Joe Borrelli to verify

ADD WATER VALVE TABLE (S903)
removed or new valves for hydrants??
STA. DESCRIPTION ITEM #

DATE: FEB. 2015
SCALE: NTS
DESIGNED BY: PGW/CAL
DRAWN BY: KLO/MDZ

REVISIONS

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVISION

CONSTRUCTION TABLES

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DRAWING NO. CT-6
SHEET 30 OF 44
WENDEL JOB NUMBER 22134062

PAVEMENT MARKING TABLE			
LOCATION	SIDE	LENGTH (LF)	ITEM NO.
LANE EDGE LINE			
74+59 TO 76+21	LT	162.0	R685.0504
77+61 TO 80+29	LT	268.0	R685.0504
79+53 TO 81+96	RT	243.0	R685.0504
81+34 TO 83+71	LT	237.0	R685.0504
83+06 TO 84+05	RT	99.0	R685.0504
84+08 TO 86+55	RT	247.0	R685.0504
84+64 TO 87+12	LT	248.0	R685.0504
87+32 TO 88+97	RT	165.0	R685.0504
87+98 TO 89+66	LT	168.0	R685.0504
89+55 TO 91+71	RT	216.0	R685.0504
90+72 TO 91+75	LT	103.0	R685.0504
92+34 TO 94+54	RT	220.0	R685.0504
92+94 TO 94+75	LT	181.0	R685.0504
95+16 TO 96+55	LT	139.0	R685.0504
CROSSWALK			
PORTLAND/DURNAN	LT/RT	153.0	R685.0512
PORTLAND/POMEROY	LT/RT	134.0	R685.0512
STOP BAR			
PORTLAND/DURNAN	LT	35.0	R685.0516
WHITE HATCHING			
PORTLAND/DICKINSON	LT	35.0	R685.0524
DOUBLE YELLOW CENTERLINE			
74+60 TO 75+47	CENTER	174.0	R685.0604
75+94 TO 76+29	CENTER	70.0	R685.0604
75+94 TO 76+29	RT	70.0	R685.0604
77+01 TO 78+54	CENTER	306.0	R685.0604
77+01 TO 78+54	RT	306.0	R685.0604
79+09 TO 80+71	CENTER	324.0	R685.0604
81+36 TO 82+30	CENTER	188.0	R685.0604
82+90 TO 84+05	CENTER	230.0	R685.0604
84+64 TO 86+65	LT	402.0	R685.0604
84+64 TO 86+65	RT	402.0	R685.0604
86+65 TO 87+90	LT	250.0	R685.0604
86+65 TO 87+90	RT	250.0	R685.0604
87+90 TO 89+05	LT	230.0	R685.0604
87+90 TO 89+05	RT	230.0	R685.0604
89+51 TO 89+88	CENTER	74.0	R685.0604
89+51 TO 89+88	RT	74.0	R685.0604
90+44 TO 91+79	CENTER	270.0	R685.0604
90+44 TO 91+79	RT	270.0	R685.0604
92+20 TO 92+46	CENTER	52.0	R685.0604
92+20 TO 92+46	RT	52.0	R685.0604
93+03 TO 94+54	CENTER	302.0	R685.0604
93+03 TO 94+54	RT	302.0	R685.0604
YELLOW HATCHING			
PORTLAND/DURNAN	CENTER	50	R685.0624
PORTLAND/ONEIDA	CENTER	15	R685.0624
PORTLAND/DELAIR	CENTER	15	R685.0624
PORTLAND/JACKSON	CENTER	40	R685.0624
PORTLAND/FURLONG	CENTER	20	R685.0624
PORTLAND/POMEROY	CENTER	40	R685.0624
PORTLAND/TURPIN	CENTER	20	R685.0624
PORTLAND/SYLVESTER	CENTER	20	R685.0624

- ITEM R685.0604 - 4" WHITE OVERLAID PLASTIC PAVEMENT MARKING STRIPE
- ITEM R685.0612 - 12" WHITE OVERLAID PLASTIC PAVEMENT MARKING STRIPE
- ITEM R685.0616 - 16" WHITE OVERLAID PLASTIC PAVEMENT MARKING STRIPE
- ITEM R685.0624 - 24" WHITE OVERLAID PLASTIC PAVEMENT MARKING STRIPE
- ITEM R685.0604 - 4" YELLOW OVERLAID PLASTIC PAVEMENT MARKING STRIPE
- ITEM R685.0624 - 24" YELLOW OVERLAID PLASTIC PAVEMENT MARKING STRIPE

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
80+03	LT	23.7
82+20	RT	16.4
83+29	RT	23.7
83+66	LT	23.7
83+93	RT	23.7
84+68	LT	20.7
86+16	RT	0.5
86+61	RT	0.5
86+65	RT	23.7
87+94	RT	0.5
88+10	RT	0.5
88+75	RT	23.7
89+25	LT	23.7
89+73	LT	23.7
90+61	LT	16.4
90+71	LT	23.7
91+71	LT	23.7
92+45	RT	23.7
93+25	LT	23.7
94+28	LT	23.7

Remove striping table

See striping plan

DATE:	FEB. 2015
SCALE:	NTS
DESIGNED BY:	PGW/CIL
DRAWN BY:	KLO/MDZ
NO.	DATE
REVISIONS	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION
CONSTRUCTION TABLES



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DRAWING NO.
CT-7
SHEET 31 OF 44
WENDEL JOB NUMBER
22134062



PREVIOUS COMMENT!!

NOTE:
 RCS MON. AT SW CORNER OF BARBERRY MAY BE PAVED OVER IN THE PAVEMENT

IDENTIFY!
 Curb - Abet? Replace?

READ S917.05-5.05!

INSTALL NEW MON. FRAME & COVER:
\$626.06

PROTECT EXISTING RCS MON

MLP Labels too small!

PROPOSED HYDRANT AND VALVE WITH NEW BRANCH. LOCATE 30' WEST OF EXISTING HYDRANT ITEM S917.01 AND S901.050306 (SEE NOTE 5) **S903?**
 EXISTING 8" DIAMETER CIP WATER MAIN
 PROPOSED CUT-IN 8"x6" DIP TEE (MJ-R) AND ANODE ON EXISTING 8" DIAMETER CIP WATER MAIN ITEM S966.0332 (SEE NOTE 3)
 REMOVE EXISTING 8"x6" TEE AND CONCRETE THRUST BLOCK. PROVIDE 8" DIAMETER INSERTION SLEEVE AND ANODE ITEMS S906.0108 AND S966.0332 (SEE NOTE 3)
 PROPOSED SIDEWALK ACCESS RAMP (TYP.)

RESET MON. FRAME & COVER:
\$626.07

RESET EXST. MON. FRAME & COVER
\$626.07 (2)

7+ other radii data needed!
update!

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

Text conflict LP?

Light poles - label MLP for metal light pole & FL0 light pole

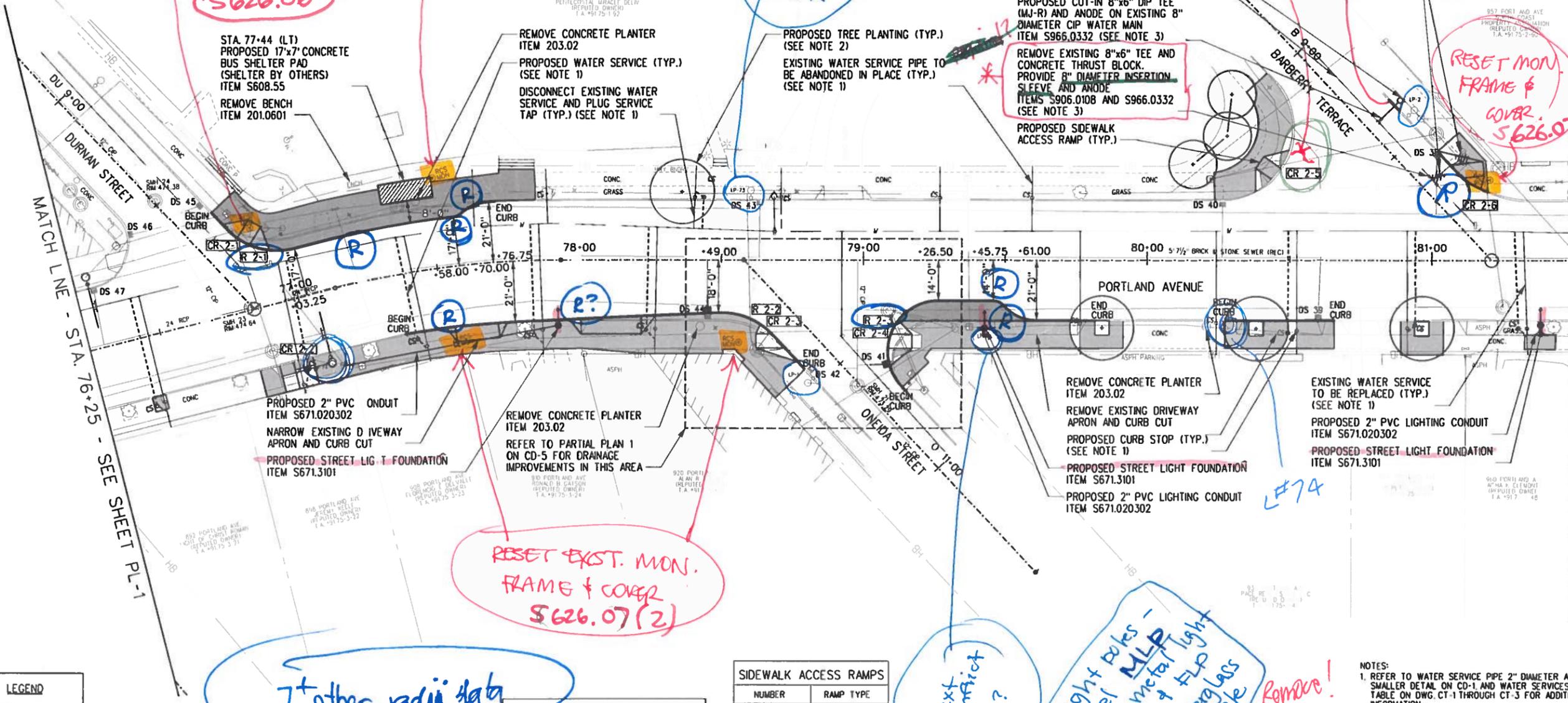
new pole base? why is it labeled with existing LP label?

- 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

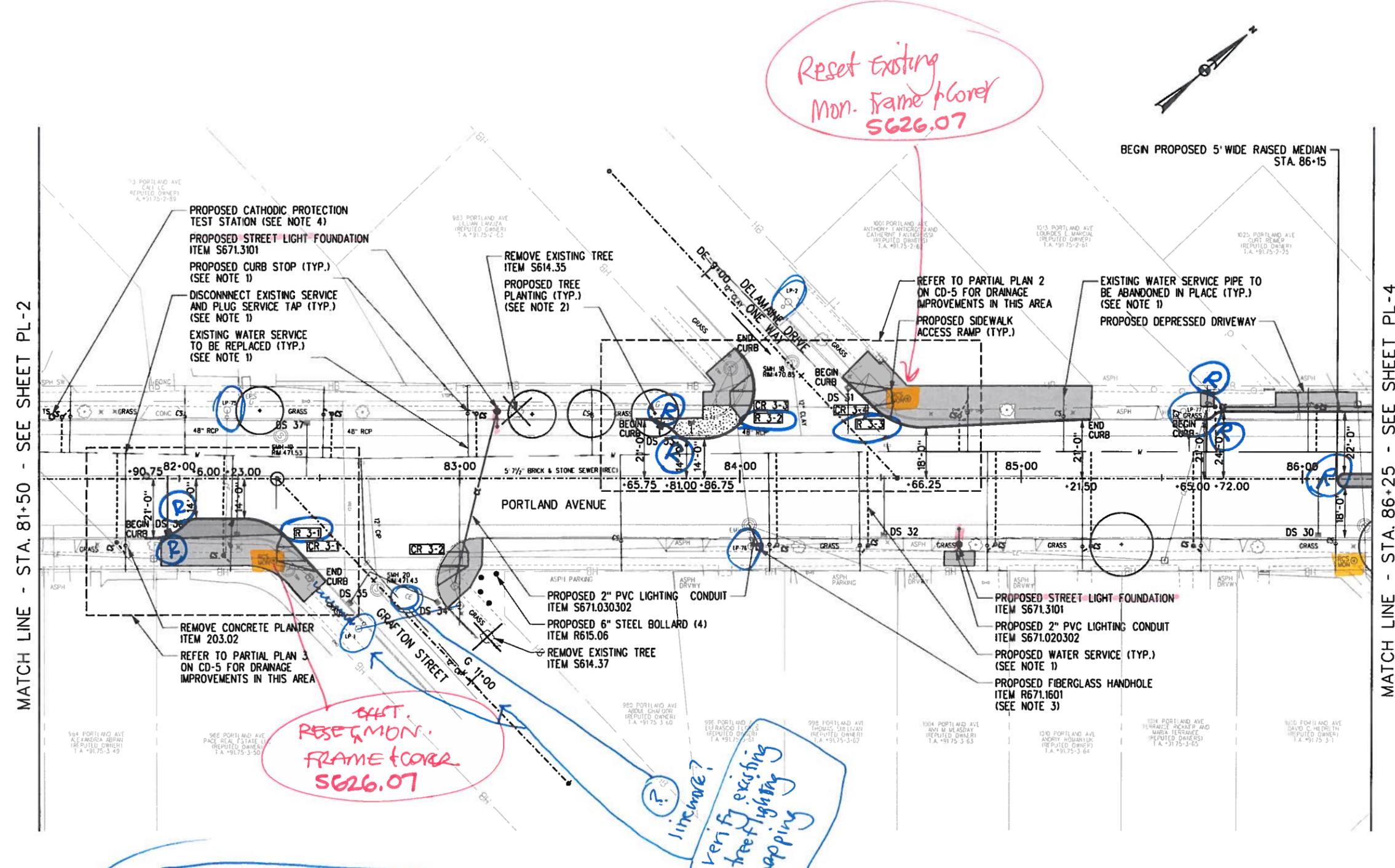


NO.	DATE	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
 PORTLAND AVENUE REVITALIZATION
 ROADWAY PLAN

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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

*Reset Existing
 Mon. Frame to Core
 S626.07*

*RESET
 MON.
 FRAME TO CORE
 S626.07*

*verify existing
 street lighting
 mapping*

radii needed in table

update info!

LEGEND

	CONCRETE
	EXPOSED AGGREGATE CONCRETE
	GRASS

CURB RADIUS DATA

NUMBER	RADIUS	DELTA	TANGENT	LENGTH	PC POINT 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'	44.90'	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	STA.	SIDE
81+88	RT	82+52	RT
83+63	LT	83+98	LT
84+36	LT	85+25	LT
85+62	LT	86+96	LT

SIDEWALK ACCESS RAMPS

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

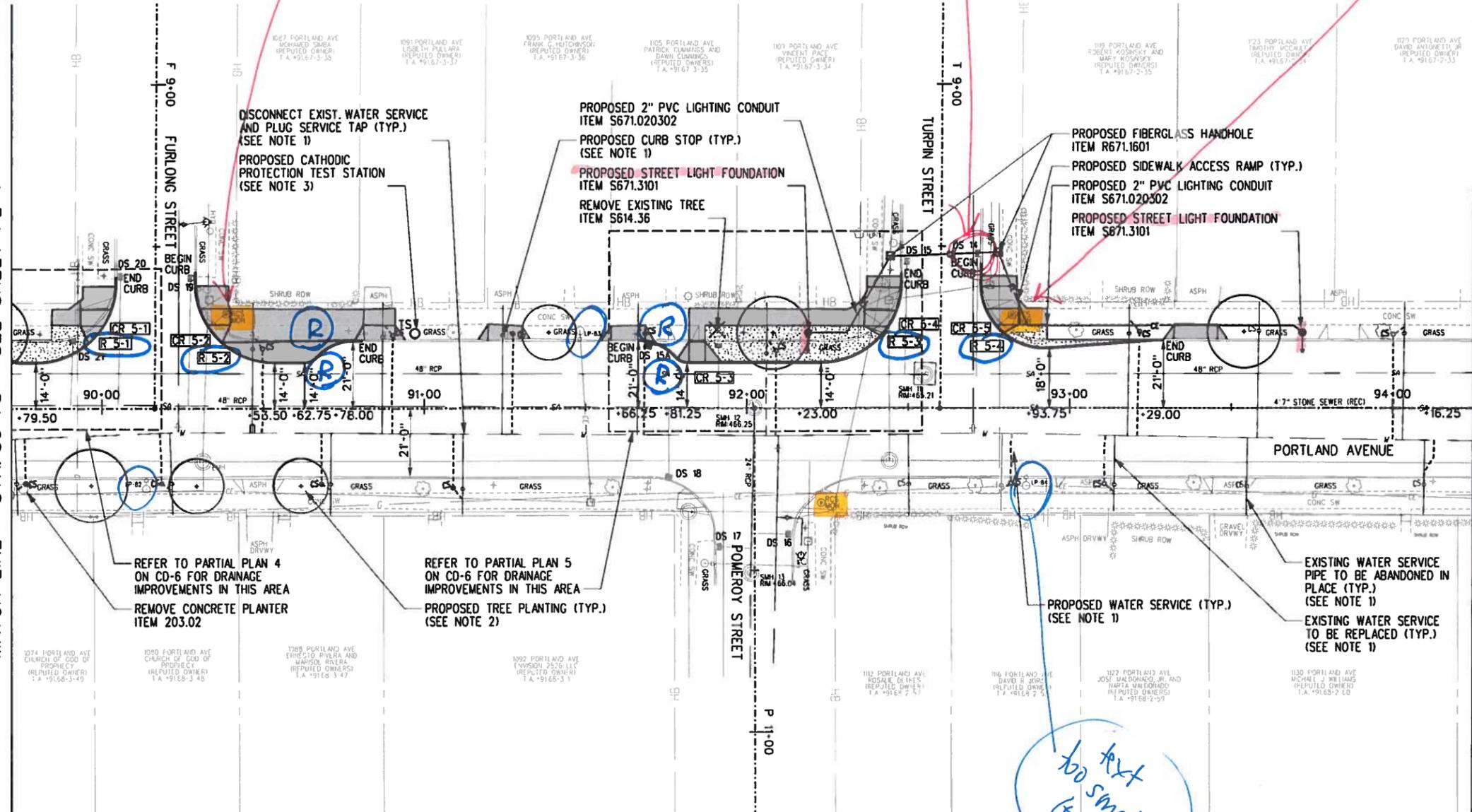
REFER TO SIDEWALK ACCESS RAMP DETAILS ON CD-11

- 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 RGE.
 - 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



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

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



Replace Frame
Install New Mon-Frame & Cover S626.06

PREVIOUS COMMENT!!
CE CONDUIT CONTACT WITH CE

Reset Existing Mon-Frame + Cover S626.07

too text too small (typ)

4+ radii data needed!

update!

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. UTILIZE 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



DATE:	FEB. 2016
SCALE:	1" = 20'
DESIGNED BY:	PGW/CLL
DRAWN BY:	KLO/MD2

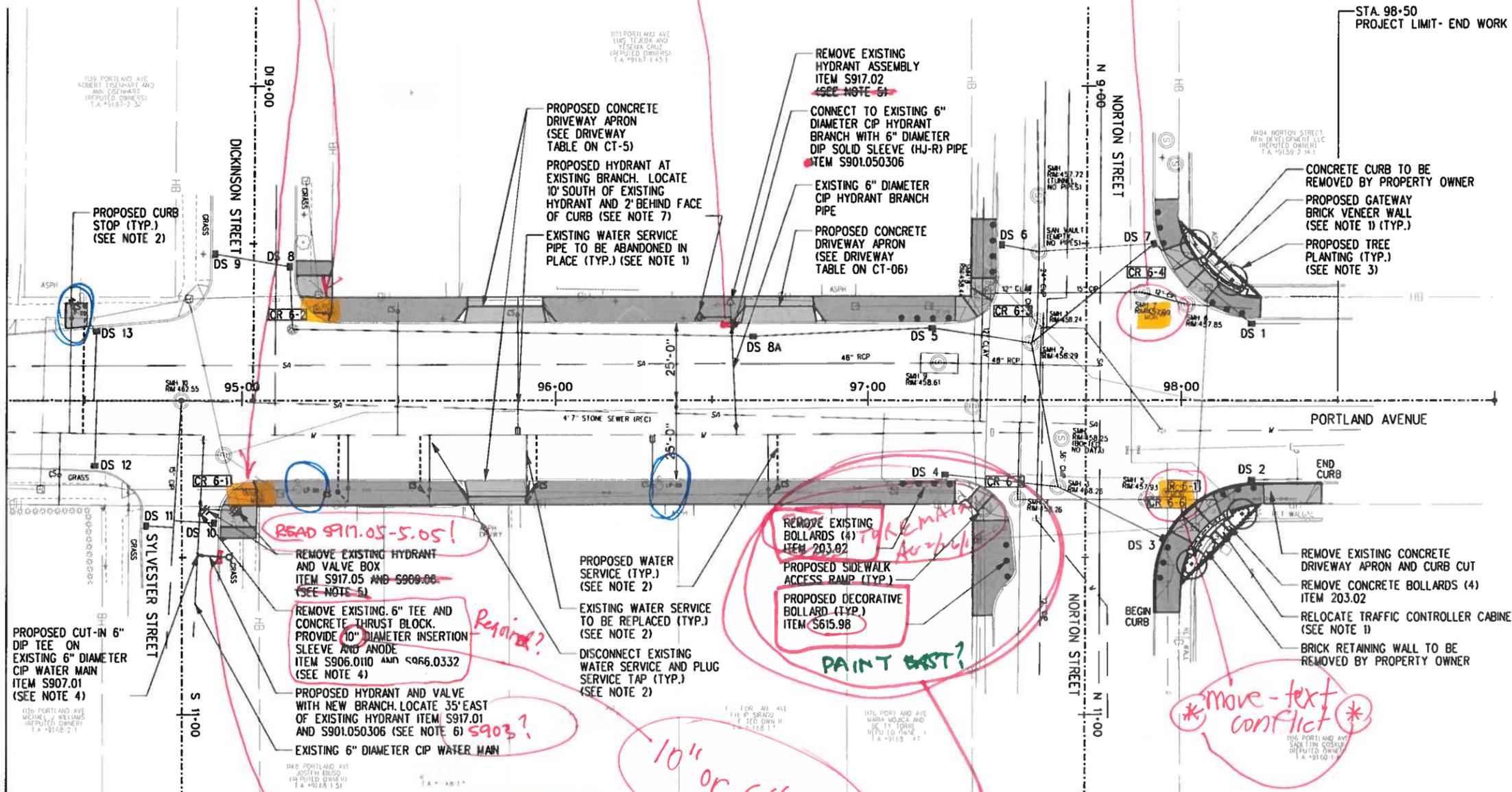
CITY OF ROCHESTER, NEW YORK
 PORTLAND AVENUE REVITALIZATION
 ROADWAY PLAN

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DRAWING NO.
PL-5
 SHEET 38 OF 44
 WENDEL JOB NUMBER
 22134062

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



LEGEND

	CONCRETE
	EXPOSED AGGREGATE CONCRETE
	GRASS

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

SEE PREVIOUS COMMENT!!
DO EXIST. BOLLARDS NEED TO BE REPLACED??
(I THOUGHT IT WAS DECIDED NO ...)

- NOTES:**
- REFER TO CONTROLLER LOCATION DIAGRAM ON PM-6 FOR PROPOSED LOCATION OF TRAFFIC CONTROLLER CABINET AND GATEWAY BRICK VENEER WALL.
 - 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 INSERTION SLEEVE AND CUT-IN TEE ON EXISTING IRON PIPE DETAIL ON CD-2.
 - REFER TO EXISTING BOLLARD REMOVAL DETAIL ON CD-3.
 - REFER TO HYDRANT AND VALVE WITH NEW BRANCH DETAIL ON CD-3.
 - REFER TO HYDRANT AT EXISTING BRANCH DETAIL ON CD-3.
 - WIDTH OF NEW SIDEWALK TO MATCH WIDTH OF EXISTING SIDEWALK

SCALE: 1"=20'

DATE: FEB. 2016
SCALE: 1" = 20'
DESIGNED BY: PGW/CIL
DRAWN BY: KLO/MD2

REVISIONS

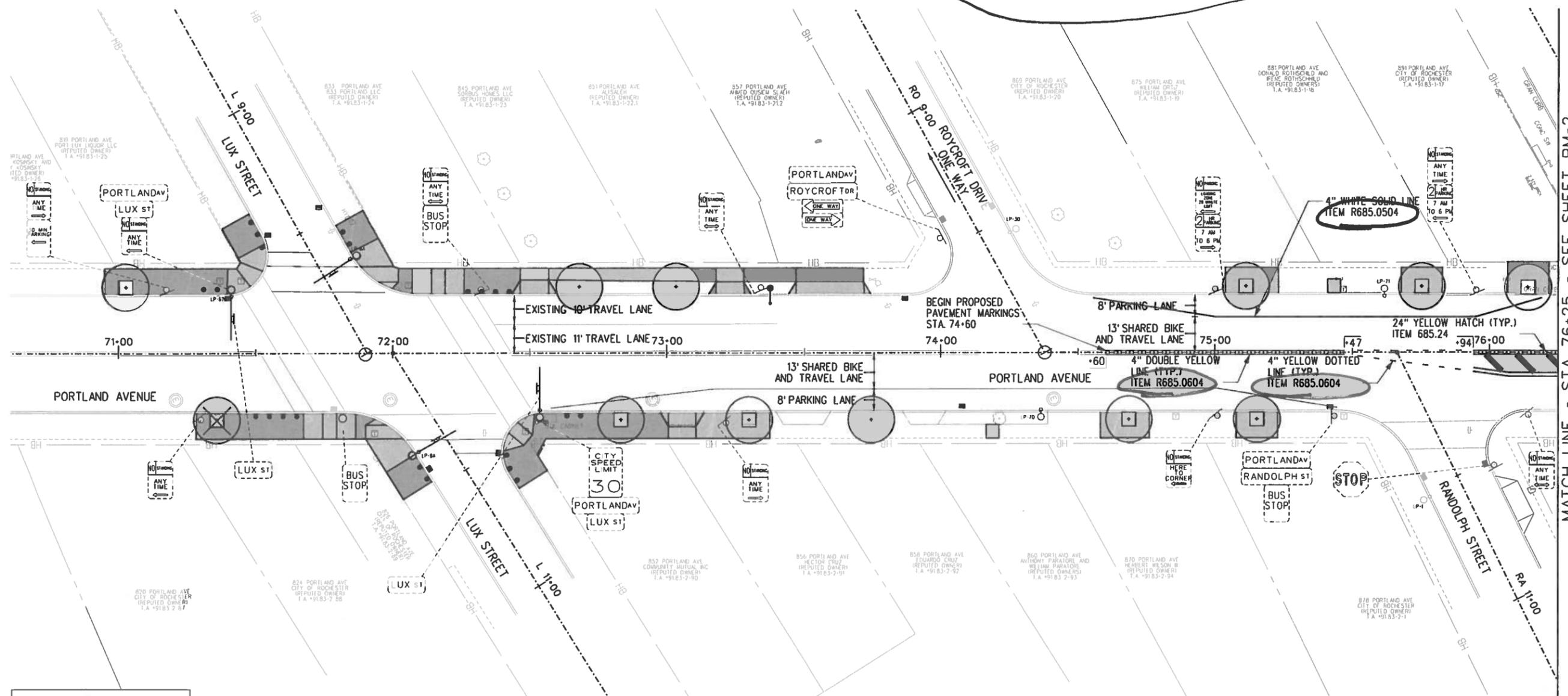
NO.	DATE	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION
ROADWAY PLAN

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DRAWING NO: PL-6
SHEET 37 OF 41
WENDEL JOB NUMBER: 22134062

USE PAINT NOT PLASTIC STRIPING Temporary until PM project



SIGN LEGEND

- RR SIGN - REMOVE & RELOCATE EXISTING SIGN (BY OTHERS)
- 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 AGGREGATE CONCRETE
- GRASS

- NOTES:**
- 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.
 - THE EXISTING TRAFFIC SIGNAL POLES, MAST ARMS, AND PEDESTRIAN SIGNAL POLES AT THE LUX STREET, DURMAN 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.



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

NO.	DATE	REVISIONS DESCRIPTION

CITY OF ROCHESTER, NEW YORK
 PORTLAND AVENUE REVITALIZATION
 PAVEMENT MARKING AND SIGNAGE PLAN

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DRAWING NO.
PM-1
 SHEET 38 OF 44
 WENDEL JOB NUMBER
 22134062

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

DATE:	FEB. 2016
SCALE:	1" = 20'
DESIGNED BY:	PGW/CIL
DRAWN BY:	KLO/MDZ

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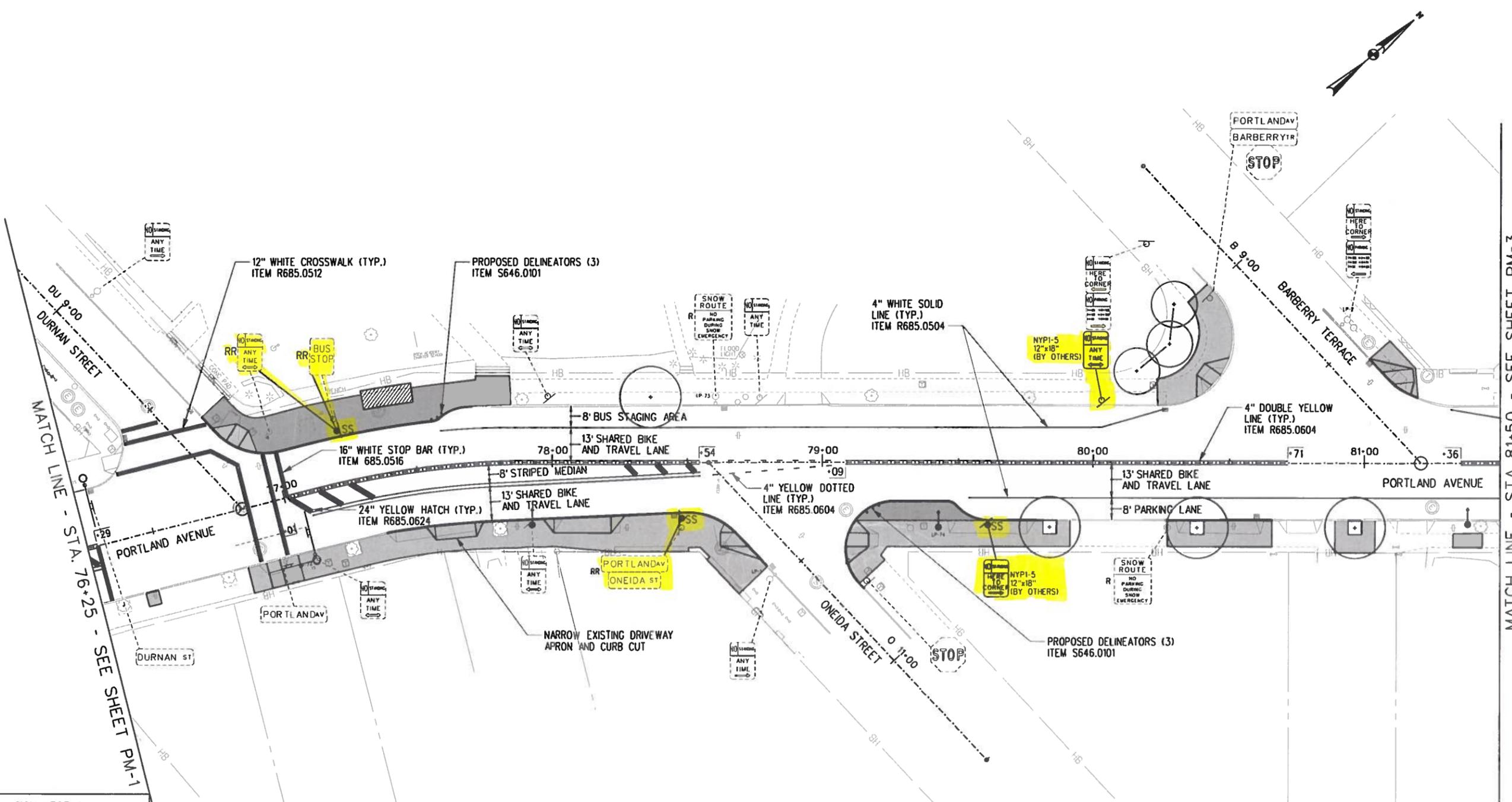
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DRAWING NO.
PM-2
 SHEET 39 OF 44
 WENDEL JOB NUMBER
 22134062



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



SIGN LEGEND

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

LEGEND

[Solid Grey Box]	CONCRETE
[Dotted Grey Box]	EXPOSED AGGREGATE CONCRETE
[Stippled Grey Box]	GRASS

DELINEATOR TABLE

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

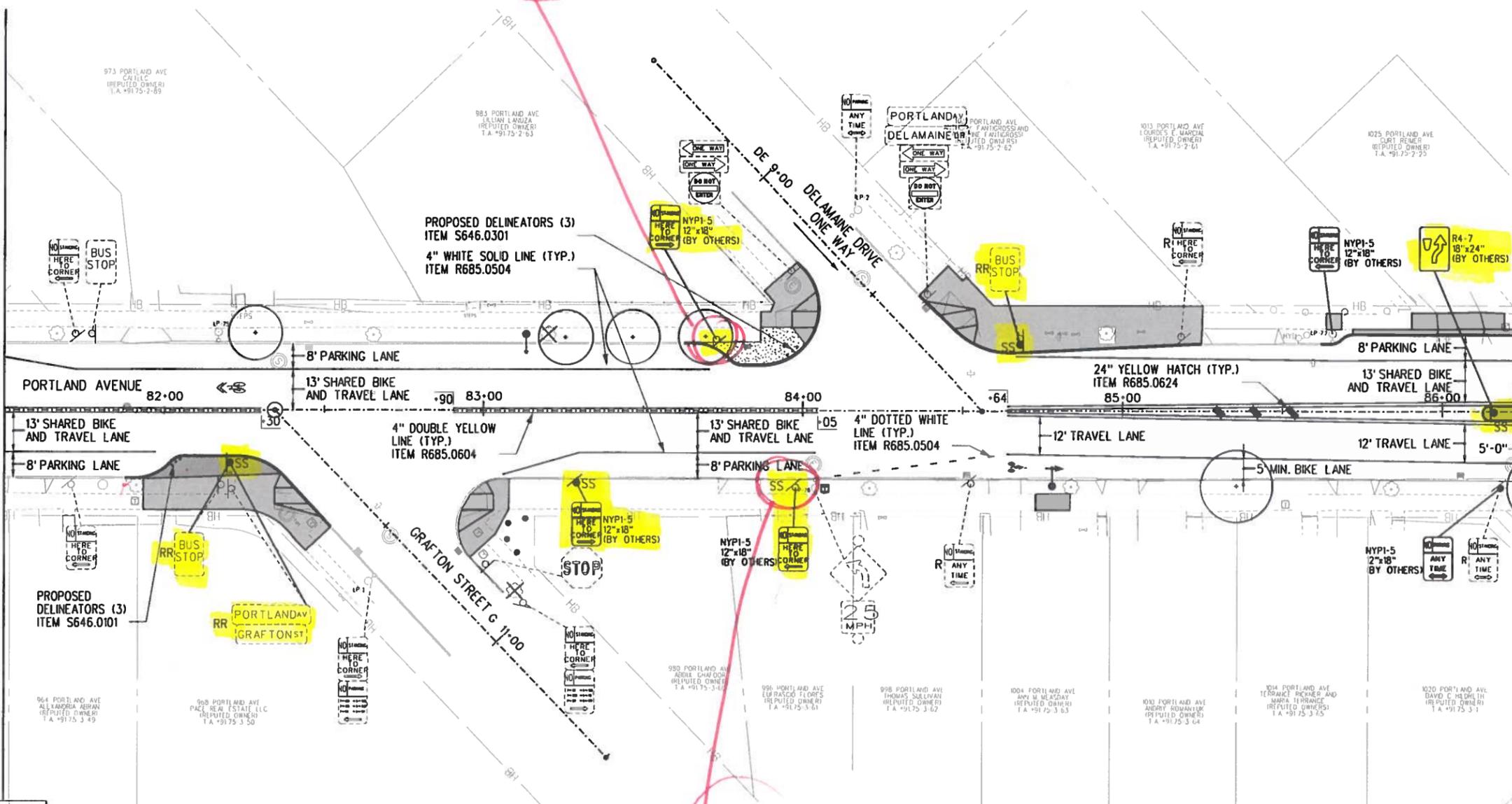
ITEM S646.0101 - DELINEATOR - PAVEMENT ANCHOR
 ITEM S646.0301 - DELINEATOR - SOIL ANCHOR
 NOTE: REFER TO DELINEATOR DETAIL ON DWG CD-10.

- NOTES:**
- 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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MATCH LINE - STA. 81+25 - SEE SHEET PM-2

MATCH LINE - STA. 80+25 - SEE SHEET PM-4



Grass

Grass?

SIGN LEGEND

- RR SIGN - REMOVE & RELOCATE EXISTING SIGN (BY OTHERS)
- 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 AGGREGATE 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.

- NOTES:**
- 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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REVISIONS

NO.	DATE	DESCRIPTION

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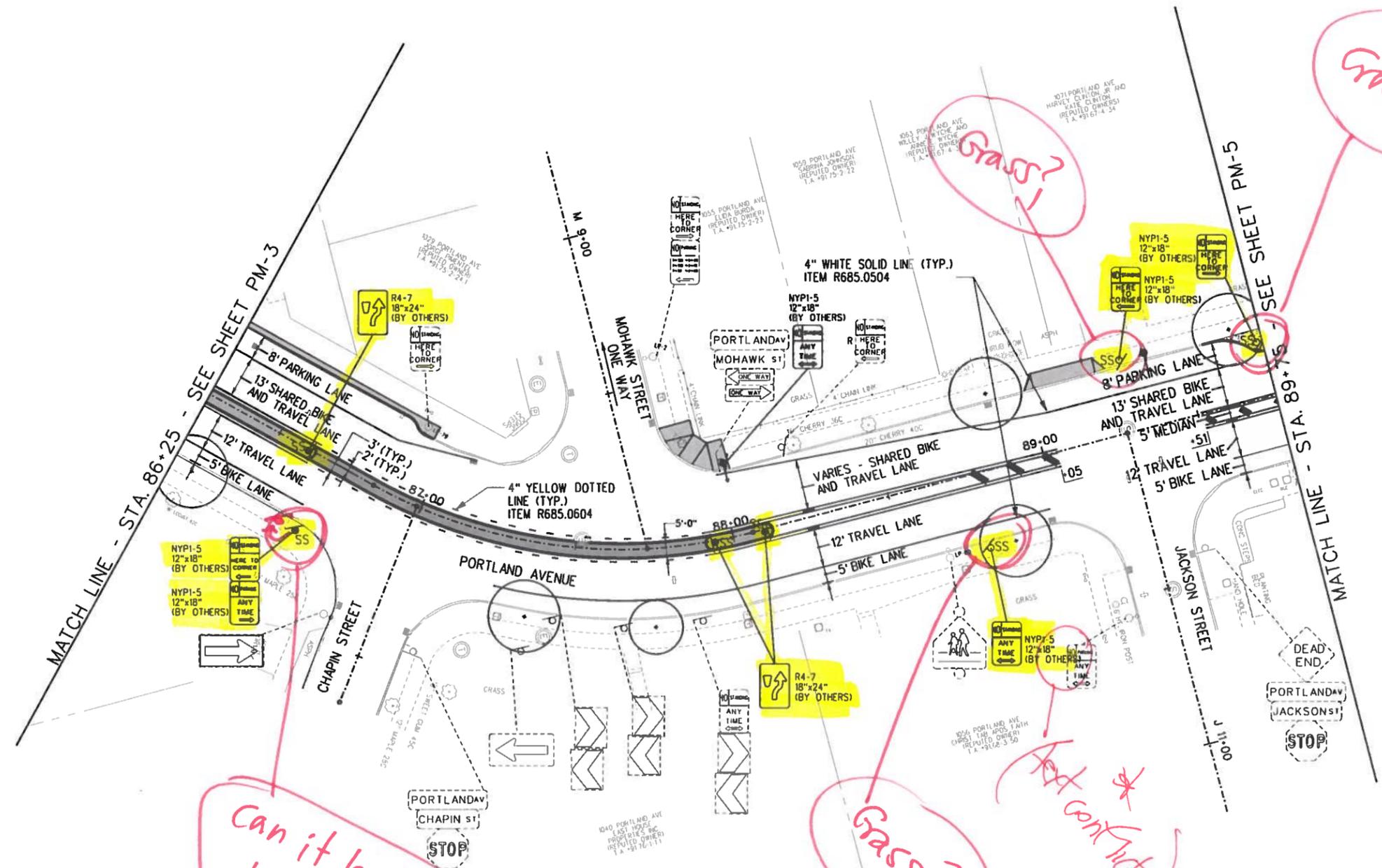


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DRAWING NO.
PM-3
 SHEET 40 OF 44
 WENDEL JOB NUMBER
 22134062

DATE: FEB. 2015
 SCALE: 1" = 20'
 DESIGNED BY: PGM/CIL
 DRAWN BY: KLO/MO2



MATCH LINE - STA. 86+25 - SEE SHEET PM-3

MATCH LINE - STA. 89+75 - SEE SHEET PM-5

SIGN LEGEND

RR SIGN	REMOVE & RELOCATE EXISTING SIGN (BY OTHERS)
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

[Pattern]	CONCRETE
[Pattern]	EXPOSED AGGREGATE CONCRETE
[Pattern]	GRASS

Can it be moved to grass??

Grass?

Text conflict

Grass?

- NOTES:**
- 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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NO.	DATE	REVISIONS DESCRIPTION

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DRAWING NO.
PM-4
 SHEET 41 OF 44
 WENDEL JOB NUMBER
 22134062

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

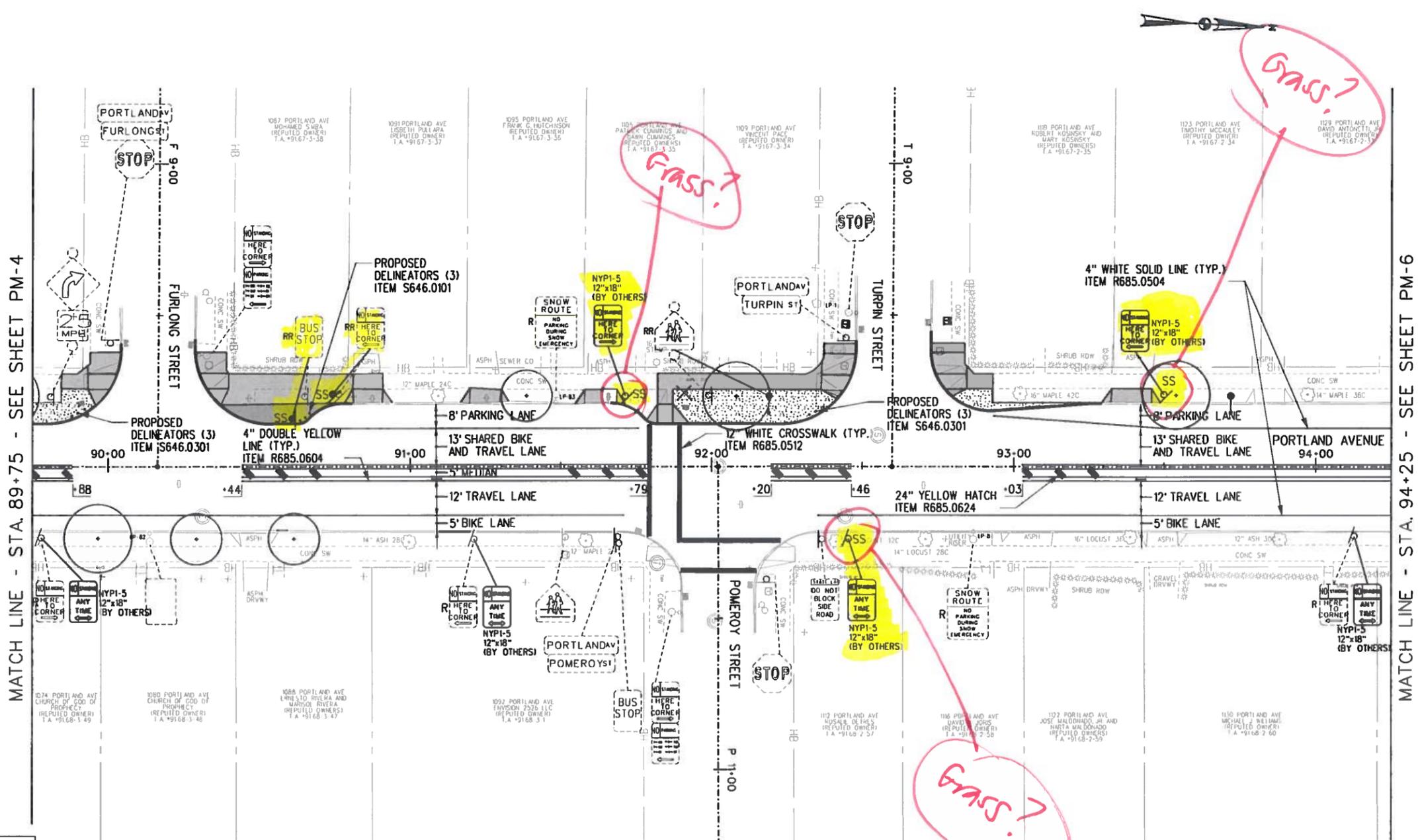
NO.	DATE	REVISIONS	DESCRIPTION

CITY OF ROCHESTER, NEW YORK
 PORTLAND AVENUE REVITALIZATION
 PAVEMENT MARKING AND
 SIGNAGE PLAN

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 STATE EDUCATION LAW, ARTICLE 170, SECTION 170.3
 ALL DESIGNATIONS SHALL BE ACCOMPANIED BY
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 OR PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK
 ALL ALTERATIONS SHALL BE FOLLOWED BY A
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 SHEET

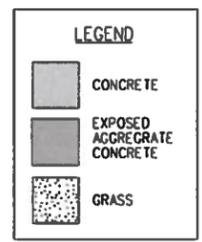
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DRAWING NO.
PM-5
 SHEET 42 OF 44
 WENDEL JOB NUMBER
 22134062



MATCH LINE - STA. 89+75 - SEE SHEET PM-4

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



DELINEATOR TABLE

STATION	SIDE	ITEM S646.0101 (EA)	ITEM S646.0301 (EA)
89+87	LT	-	3
90+65	LT	3	-
92+28	LT	-	3

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

- NOTES:**
- 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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Grass?

Grass?

Grass?

NO.	DATE	REVISIONS	DESCRIPTION

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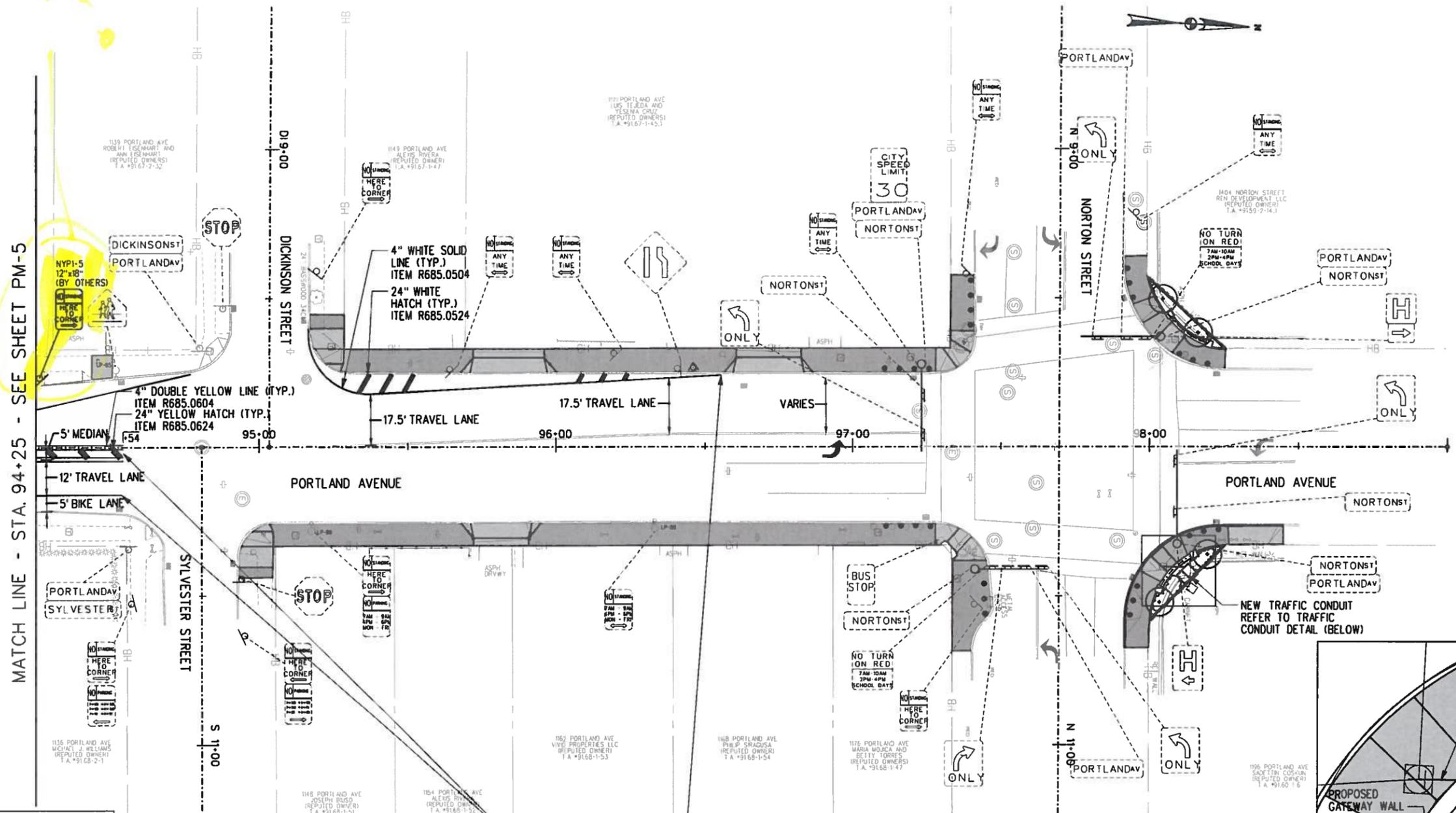
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DRAWING NO.
PM-6
 SHEET 43 OF 44
 WENDEL JOB NUMBER
 22134062



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



SIGN LEGEND

RR SIGN	REMOVE & RELOCATE EXISTING SIGN (BY OTHERS)
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

[Solid Grey Box]	CONCRETE
[Dotted Grey Box]	EXPOSED AGGREGATE CONCRETE
[Stippled Box]	GRASS

END PROPOSED CENTER AND RIGHT EDGE PAVEMENT MARKINGS STA. 94+54

END PROPOSED LEFT EDGE PAVEMENT MARKINGS STA. 96+55

- NOTES:**
- 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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