HK copy

COMMENTS DUE 5/14/14

CITY OF ROCHESTER, NEW YORK

DEPARTMENT OF ENVIRONMENTAL SERVICES

STREET IMPROVEMENT PROGRAM

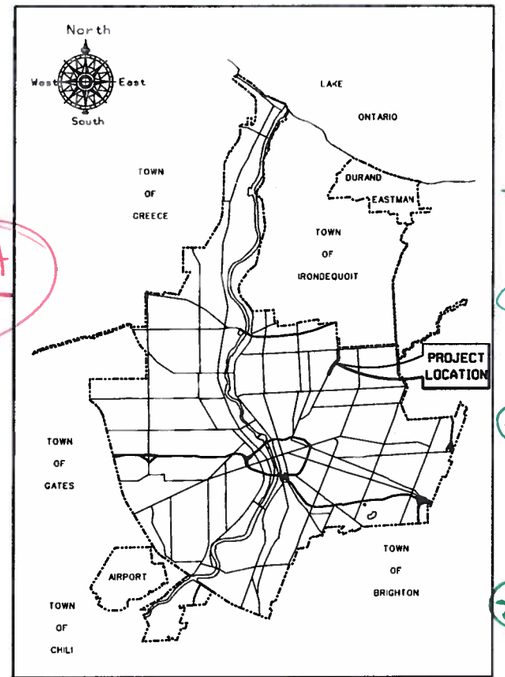
PORTLAND AVENUE REVITALIZATION

FROM LUX STREET TO NORTON STREET

PROJECT LENGTH 2,750 FEET

PC 14105

90% PLANS
APRIL 16, 2014



GENERAL LOCATION MAP

shift

* ANY CHANGES TO THE CITY DETAILS MUST BE NOTED – – SEE EXAMPLE FROM THE JEFFERSON AVENUE REVITALIZATION PROJECT

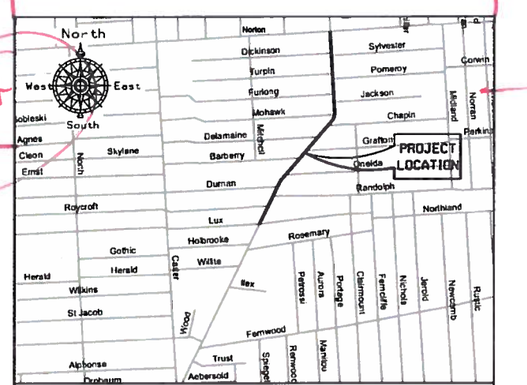
* REFER TO HINCHER GROUP PLAN SET FOR INFO ON TABLES & SHEET FORMAT

* CB REPLACEMENTS/ WORK ONLY IN BUMP OUT AREAS –

* SHOW BANNER ARMS ON PL SHEETS!! CONFUSING WHEN SHOWN ON LA SHEETS!

* missing box w/ Proj info

Please use city format for cover sheet



ENLARGED VIEW

shift

enlarge image to show more on the map

RECOMMENDED BY:

DATE

show in a row under the title

APPROVED BY:

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

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

ROBERT L. MORRISON
DIRECTOR OF WATER
CITY OF ROCHESTER — DATE

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

UPDATE LEGEND TO MATCH PLANS!!

GENERAL

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

FORESTRY

1. CONTRACTOR IS TO BE AWARE OF AND FAMILIAR WITH REQUIREMENTS OF SECTIONS 89-9 TREES AND 89-12 PENALTIES OF CITY CODE AS THEY WILL BE STRICTLY ADHERED TO. CITY CODE CAN BE FOUND ON CITY OF ROCHESTER'S WEB SITE AT http://ww.cityofrochester.gov/services, UNDER "CITY CHARTER AND CODE ONLINE".
2. CONTRACTOR IS TO PROVIDE PROTECTION FOR ALL EXISTING TREES WITHIN PROJECT LIMITS THROUGHOUT COURSE OF PROJECT, TO MINIMIZE AS MUCH AS POSSIBLE ANY DAMAGE FROM OCCURRING TO EXISTING TREES AS RESULT OF CONTRACTOR'S OPERATIONS. TREE PROTECTION IS TO CONSIST OF ORANGE CONSTRUCTION SAFETY FENCING OR WOOD RAILS PLACED AROUND AND COMPLETELY ENCOMPASSING EACH EXISTING TREE, AND IS TO BE IN PLACE BEFORE ANY WORK IS STARTED, PER SECTION S617 TREE PROTECTION AND CONTRACT DOCUMENTS.
3. OVERALL EXISTING TREE ROOT SYSTEM MUST REMAIN STRUCTURALLY ADEQUATE FOR EXISTING TREE TO WITHSTAND HEAVY WINDSTORMS. IN AREAS OF CURB/CONCRETE GUTTER/PAVEMENT WORK, ANY EXISTING TREE ROOTS THAT ARE 2 INCHES OR LARGER IN DIAMETER AND ARE IN CONFLICT WITH SUCH WORK, MUST BE INSPECTED BY CITY FORESTRY BEFORE CUTTING CAN OCCUR. CONTRACTOR MUST CONTACT CITY FORESTRY AT (585) 428-7581 TO MAKE ARRANGEMENTS FOR SUCH INSPECTION. EXISTING TREE ROOTS THAT ARE SMALLER THAN 2 INCHES IN DIAMETER, ARE TO BE CUT CLEANLY WITH SHARP IMPLEMENTS.
4. IN AREAS OF SIDEWALK CONSTRUCTION, EXISTING TREE ROOTS THAT ARE LOCATED UNDER AREA OF SIDEWALK CONSTRUCTION ARE NOT TO BE CUT. IF ANY OF EXISTING TREE ROOTS ARE 2 INCHES OR LARGER IN DIAMETER, SUBBASE COURSE MATERIAL IS NOT TO BE INSTALLED WITHIN 1 FOOT OF EXISTING TREE ROOT(S), AND CONCRETE IS TO BE POURED OVER EXISTING TREE ROOT(S).
5. IN AREAS OF DRIVEWAY, DRIVEWAY APPROACHES AND SIDEWALK ACCESS RAMP CONSTRUCTION, EXISTING TREE ROOTS ARE NOT TO BE CUT BY MEANS OF MECHANICAL TREE ROOT CUTTING MACHINES. IF ANY OF EXISTING TREE ROOTS MUST BE CUT, THEY ARE TO BE CUT MANUALLY WITH SHARP IMPLEMENTS.
6. IN AREAS WHERE EXISTING TREE ROOTS BECOME EXPOSED BY CONSTRUCTION ACTIVITIES, THEY ARE TO BE COVERED WITH MULCH, TOPSOIL OR MOISTENED BURLAP, AND WATERED STARTING IMMEDIATELY AFTER EXPOSURE AND CONTINUING UNTIL EXCAVATED AREA IS RESTORED.
7. IF HEAVY EQUIPMENT MUST BE DRIVEN ON TREE LAWN AREA OVER TREE ROOT ZONE, PLYWOOD MUST BE PLACED ON GROUND/TREE LAWN AREA SO AS TO DISPERSE COMPACTION AND PREVENT SOIL RUTTING.

PURE WATERS

1. CONTRACTOR IS TO CONSTRUCT ALL SEWER APPURTENANCES (MAIN SEWER, LATERAL, CATCH BASINS AND MANHOLES) IN CONFORMANCE WITH THE SPECIFICATIONS OF THE ROCHESTER PURE WATERS DISTRICT.
2. CONTRACTOR IS TO TAKE APPROPRIATE MEASURES TO PREVENT DIRT, DEBRIS AND CONSTRUCTION MATERIALS FROM ENTERING SEWER APPURTENANCES (SEWER MAIN, LATERAL, CATCH BASINS AND MANHOLES) DURING CONSTRUCTION OF PROJECT.
3. RPWD WILL LOCATE AND MARK EXISTING LATERALS AT THE REQUEST OF THE CONTRACTOR. THE RPWD IS ONLY ABLE TO MARK THE WYE LOCATION AT THE MAIN SEWER, AND CANNOT VERIFY THE LOCATION OF THE LATERAL BACK TO THE R.O.W. CONTRACTOR MAY REQUEST A LATERAL STAKEOUT BY CONTACTING MCPW MAPS AND RECORDS ROOM AT (585) 753-7367.
4. RPWD IS TO BE NOTIFIED IMMEDIATELY IN THE EVENT OF ANY DAMAGE TO SEWER APPURTENANCES BY CALLING (585) 753-7351. ALL REPAIRS ARE TO BE PERFORMED IN THE PRESENCE OF A REPRESENTATIVE OF RPWD, AND ARE TO BE MADE AS PER RPWD SPECIFICATIONS.
5. IN THE EVENT THAT EXISTING SEWER MAINS OR LATERAL PIPES ARE BROKEN DURING EXCAVATION, ANY AND ALL REPAIRS MUST BE EXTENDED LINEARLY. INTRODUCING NEW BENDS IN PIPE WILL NOT BE PERMITTED. ALL 5 INCH INSIDE DIAMETER LATERAL PIPE MUST BE REPAIRED USING 5 INCH SERVICE WEIGHT CAST IRON PIPE AND TWO FERNCOS. CONTRACTOR MAY BE PERMITTED TO USE OAKUM AND EPOXY MORTAR TO CONNECT NEW PVC PIPE TO AN EXISTING BELL THAT IS IN GOOD CONDITION.
6. STONE BEDDING MATERIAL USED FOR SEWER MAIN AND LATERAL PIPE REPAIRS IS TO BE CLASS B CONSISTING OF #1 AND #2 WASHED STONE AT A MINIMUM OF 6 INCH DEPTH.
7. CONTRACTOR WILL REPLACE ALL EXISTING SEWER MANHOLE FRAMES AND COVERS (AS PER CONTRACT) WITH NEW 9 INCH FRAMES AND COVERS. CONTRACTOR WILL BE RESPONSIBLE FOR THE PURCHASING AND DELIVERY OF THE FRAMES AND COVERS. FRAMES AND COVERS WILL MEET RPWD SPECIFICATIONS (A.S.T.M. A48 (LATEST REVISION) CLASS 30B). CONTRACTOR IS TO ADD/REMOVE ADDITIONAL COURSES OF BRICK/BLOCK AS/IF REQUIRED TO RETROFIT NEW FRAMES ONTO EXISTING MANHOLE STRUCTURES AT THE REQUIRED FINISHED GRADE.
8. WHERE AN EXISTING CATCH BASIN IS TO BE REMOVED, ALL PORTIONS OF THE CATCH BASIN WALLS AND FOUNDATION ARE TO BE REMOVED AND THE EXISTING LATERAL ABANDONED AS PER RPWD SPECIFICATIONS.
9. ALL REMOVED SEWER MANHOLE FRAMES AND COVERS AND CATCH BASIN GRATES, ACCESS COVERS AND CAPSTONES ARE THE PROPERTY OF THE ROCHESTER PURE WATERS DISTRICT. RETURN ITEMS TO THE MCPW FLEET CENTER, 145 PAUL ROAD, ROCHESTER, NEW YORK, MONDAY THROUGH FRIDAY BETWEEN 8:00AM AND 3:00PM AT NO COST TO THE OWNER.
10. CONTRACTOR IS TO NOTIFY MCPW BY CALLING (585) 753-7600, OPTION 5, MINIMUM OF 48 HOURS IN ADVANCE WHEN PLANNING ON WORKING ADJACENT TO EXISTING MC FIBER OPTIC FACILITIES.

MCDPH STANDARD WATER MAIN EXTENSION

1. THE WATER MAIN AND TEMPORARY BYPASS PIPE SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS, DESIGNATION C651, BY USING THE CONTINUOUS FEED METHOD. FOLLOWING DISINFECTION, THE WATER MAIN AND BYPASS PIPE SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM. THE INTERIOR OF ALL WATER MAIN PIPE, VALVES, FITTINGS AND SERVICES 4 INCHES AND LARGER, INCLUDING NEW HYDRANT BRANCHES CONNECTED TO EXISTING WATER MAINS, NOT RECEIVING 24 HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SPRAY OR SWAB DISINFECTED WITH A MINIMUM 1% - 5% SOLUTION OF CHLORINE NO MORE THAN 30 MINUTES PRIOR TO INSTALLATION. ADDITIONALLY, THE EXTERIOR SURFACES OF EXISTING PIPE AND FITTINGS THAT NEW PIPE AND FITTINGS WILL BE CONNECTED TO MUST BE THOROUGHLY CLEANED AND DISINFECTED. THE MAXIMUM DISTANCE BETWEEN DISINFECTION/SAMPLING TAPS ON NEW WATER MAIN AND BYPASS PIPE SHALL BE 1,000 FEET. THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS.

   THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH (MCDPH) MUST RECEIVE AT LEAST 48 HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. THE CONTRACTOR SHALL CALL (585) 753-5057 TO ARRANGE FOR SAMPLING SERVICES AND IS RESPONSIBLE FOR PAYING ALL MCDPH SAMPLING FEES. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL (ENGINEER, ARCHITECT OR LAND SURVEYOR WITH A SPECIAL EXEMPTION UNDER SECTION 7208(N) OF THE EDUCATION LAW) CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS, TESTING AND DISINFECTION PROCEDURES WERE COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS, REPORTS, SPECIFICATIONS AND ANY APPROVED AMENDMENTS. THE DEPARTMENT WILL COLLECT SAMPLES FOR FREE CHLORINE RESIDUAL, TOTAL COLIFORM, ESCHERICHIA COLI (E.COLI) AND TURBIDITY. THE WATER MAIN AND BYPASS PIPE SHALL NOT BE PLACED IN SERVICE UNTIL SO AUTHORIZED BY THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH.
2. UNLESS OTHERWISE NOTED OR SHOWN ON THE APPROVED PLANS, THE MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER PIPE LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. UNLESS OTHERWISE NOTED OR SHOWN ON THE APPROVED PLANS, THE MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.
3. WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN 7 FEET OF FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED.
4. THE NEW WATER MAIN SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600 (LATEST REVISION) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER. FOR CITY OF ROCHESTER WATER MAINS, PRESSURE/LEAKAGE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SUBSECTION 3.05 OF CITY OF ROCHESTER WATER BUREAU SPECIFICATION S900 - GENERAL WATER PROVISIONS.

WATER MAIN AND WATER SERVICE

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

LEGEND

EXISTING

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

PROPOSED

Symbol label	Description
HB	RIGHT-OF-WAY LINE
	PROPERTY LINE
RCS	HORIZONTAL CONTROL MONUMENT
RTS	VERTICAL CONTROL MONUMENT
	CURB LINE
	STEEL CURB
	ADDITIONAL WORK LIMIT LINE
	CONCRETE SIDEWALK/DRIVEWAY
	ASPHALT DRIVEWAY
	MISCELLANEOUS EXCAVATION - SEE GENERAL NOTE #10
	PAVEMENT REHABILITATION/RECONSTRUCTION AREA
	TREE PLANTING
CB-1	CATCH BASIN FRAME AND GRATE ADJUSTMENT
CB-1	CATCH BASIN
MH-1	MANHOLE FRAME AND COVER ADJUSTMENT/REPLACEMENT
MH-1	MANHOLE
	HYDRANT, BRANCH, WATER VALVE AND TEE
W	WATER MAIN - NOTE SIZE AND TYPE
TAP	DISINFECTION/SAMPLING TAP
CPTS	CATHODIC PROTECTION TEST STATION
TWTB	TRACER WIRE TERMINATION BOX
	MAIN LINE WATER VALVE
	WATER REDUCER, OFFSET OR BENDS
	WATER SERVICE AND CURB STOP
TH	TEMPORARY WATER BYPASS PIPE AND HYDRANT
FLP	FIBERGLASS STREET LIGHT POLE
LP	METAL STREET LIGHT POLE
	STREET LIGHTING HANDHOLE OR PULLBOX
E	ARTERIAL STREET LIGHTING CONDUIT
CE	RESIDENTIAL STREET LIGHTING CONDUIT
PED	PEDESTRIAN SIGNAL POLE W/ SIGNAL HEAD
TSCB	TRAFFIC SIGNAL CONTROL BOX
TSP	TRAFFIC SIGNAL POLE
TSLP	TRAFFIC SIGNAL POLE W/ STREET LIGHT
TS	TRAFFIC SIGNAL CONDUIT
SS	SIGN SLEEVE
	DRAINAGE FLOW
	SIDEWALK ACCESS RAMPS
	REMOVE
	ABANDON
	CUT AND PLUG EXISTING LATERAL

USE THIS! *

ABBREVIATIONS

90% PLANS
APRIL 16, 2014

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

?

verify info

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PAVEMENT MARKING AND SIGNAGE PLAN	PM-1 TO PM-6	40-45
LANDSCAPE DETAILS	LA-1 TO LA-5	46,47

DATE:	SCALE:	DESIGNED BY:	DRAWN BY:
APR. 2014	NTS	AMW/CJL	KLO/MED

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NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

GENERAL NOTES, LEGEND, AND INDEX

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DRAWING NO.
GN-1

KCI JOB NUMBER
22134062

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

90% PLANS
APRIL 16, 2014

Item No.	Description	Unit
201.0601	CLEARING AND GRUBBING	LS
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
203.03	EMBANKMENT IN PLACE	CY
S203.22	ROCK EXCAVATION AND DISPOSAL? (NOT IN THE ESTIMATE) ?	CY
S203.25	SAND	CY
S203.26	STONE BEDDING	CY
S203.28	SELECT GRANULAR BACKFILL (SEWER)	CY
S203.29	SELECT GRANULAR BACKFILL (WATER)	CY
S203.35	CONTROLLED LOW STRENGTH FILL MATERIAL	CY
S205.07	PAVEMENT REPLACEMENT - ASPHALT BASE (8 INCH)	SY
R206.04	TRENCH AND CULVERT EXCAVATION	CY
C206.08XX	TRAFFIC SIGNAL CONDUIT EXCAVATION AND RESTORATION DIFFERENT FROM EPT.	LF
S207.09	GEOTEXTILE FABRIC FOR SURFACE DRAINAGE (NOT IN ESTIMATE) ?	?
304.12	SUBBASE COURSE, TYPE 2? (NOT IN ESTIMATE) ?	CY
402.098202	9.5 F2 TOP COURSE HMA, 80 SERIES COMPACTION	TON
402.198202	19 F9 BINDER COURSE HMA, 80 SERIES COMPACTION	TON
402.378202	37.5 F9 BASE COURSE HMA, 80 SERIES COMPACTION	TON
S407.0201	DILUTED TACK COAT	SY
S412.08	TEMPORARY PAVEMENT WITH SUBBASE COURSE	SF
?	BUS SHELTER PAD ← ? DO WE NEED A DETAIL FOR THIS?	EA
S504.05 ?	CLASS K CONCRETE [NOT IN ESTIMATE] ?	
S601.2308	8" INSERTA TEE CONNECTION TO EXISTING SEWER	EA
S601.2708	8" POLYVINYL CHLORIDE LATERAL PIPE, SDR21 - INSTALLED (INCLUDING LATERAL CONNECTION)(INCLUDING EXCAVATION, BACKFILL, AND PAVEMENT RESTORATION)	LF
C603.992101 ?	POLYVINYL CHLORIDE PIPE LATERAL, SDR 21, 4" DIAMETER TO 6" DIAMETER (NOT IN ESTIMATE)	?
C604.0767XX	CONNECT EXISTING XX" LATERAL TO NEW SEWER	
R604.13	TYPE C CATCH BASIN - INSTALLED (INCLUDING EXCAVATION, BACKFILL AND PAVEMENT RESTORATION)	EA
R604.17	ADJUST EXISTING CATCH BASIN FRAME AND COVER (INCLUDING EXCAVATION AND BACKFILL)	EA
S604.60	ADJUST EXISTING SEWER MANHOLE FRAME AND COVER (INCLUDING EXCAVATION AND BACKFILL)	EA
S605.140106	6" PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING	LF
S608.14	CONCRETE SIDEWALK AND DRIVEWAY (INCLUDING EXCAVATION AND SUBBASE COURSE)	CY
S608.15	ASPHALT DRIVEWAY - LIGHT DUTY	SF
S608.180203	BRICK (INCLUDING EXCAVATION AND SUBBASE COURSE) (RIGID BASE)	SF
S608.37	EXPOSED AGGREGATE CONCRETE (INCLUDING EXCAVATION AND SUBBASE)	CY
S608.380602	EMBEDDED DETECTABLE WARNING SYSTEM	SF
S609.23	5" STONE CURB	LF
S609.24	5" STONE RADIUS CURB	LF
S609.35	SALVAGE EXISTING CURB	LF
S609.40	MODIFY EXISTING CURB - SAW CUTTING	LF
S610.0502	HYDROSEEDING	SF
S611.1101	MULCH FOR PLANTING	CY
S611.XX	TREE PLANTING	EA
S611.XX	PLANTINGS	EA
S613.03	TOPSOIL	CY
S614.XX	TREE REMOVAL	EA
S614.XX	STUMP REMOVAL	EA
R615.06	6" STEEL BOLLARD	EA
S615.99	DECORATIVE METAL BOLLARD	EA
	BANNERS	EA
R616	TREE PLANTER FRAME AND GRATE	EA
R616.07	RESET EXISTING FRAME AND GRATE	EA
S617.01	FENCING FOR TREE PROTECTION	LF
R622.03	FULL DEPTH PAVEMENT SAW CUT	LF

R601.07 missing

S601.2712 missing...

stopped swimming

Item No.	Description	Unit
S626.04	VERTICAL ADJUSTMENT OF EXISTING SURVEY MONUMENT	EA
S626.06	INSTALL NEW MONUMENT FRAME AND COVER	EA
S626.07	RESET EXISTING MONUMENT FRAME AND COVER	EA
635.0103	CLEANING AND PREPARATION OF PAVEMENT SURFACES - LINES	LF
S637.10	FIELD OFFICE - TYPE A	MO
R642.0104	4" WHITE PAINT PAVEMENT STRIPE	LF
R642.0204	4" YELLOW PAINT PAVEMENT STRIPE	LF
R643.04	SIGN POST SLEEVE	EA
S646.0101	DELINEATOR - PAVEMENT ANCHOR	EA
S646.0301	DELINEATOR - SOIL ANCHOR	EA
S671.020302	2" PVC CONDUIT (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	LF
S671.030302	2" PVC CONDUIT- IN ROADWAY (INCLUDING EXCAVATION, BACKFILL, AND SURFACE RESTORATION)	LF
S671.1024	CONCRETE PULLBOX (24")	EA
S671.1101	ADJUST EXISTING CONCRETE PULLBOX	EA
S671.3101	METAL LIGHT POLE FOUNDATION	EA
680.5002	CONCRETE BASE FOR CONTROLLER CABINET	EA
C686.1611	MAINTAIN EXISTING TRAFFIC SIGNAL EQUIPMENT	INT MO
C686.03	SIGN POST (10')	EA
C686.06	SIGN POST AND SLEEVE (10')	EA
C686.XXXX	TRAFFIC SIGN - SIZE	EA
C686.46	RELOCATION OF SIGNS - SIZE A (0 TO 10 SF)	EA
C686.5099	CONCRETE BASE REMOVAL (POLE AND CONTROLLER)	EA
C686.52	PAINTING SIGNAL POLE AND ARM (SIGNAL OR SIGN)	EA
C686.53	PAINTING PEDESTRIAN SIGNAL POLE	EA
C686.520608	CONDUIT PVC SCHEDULE 80 - 3" DIA	LF
C686.71	SHIELDED LEAD-IN CABLE	LF
C686.79	SIGNAL EQUIPMENT REMOVEMENT	LS
C689.802708	8 PHASE ACTUATED GROUND MOUNTED TRAFFIC CONTROLLER AND CABINET (FURNISHED)	EA
C686.994401	PULLBOX (24")	EA
C686.9955	MODIFY TRAFFIC SIGNAL CABLE	EA
690.01000105	SPECIALTY WORK (GENERAL) - MASONRY WALLS AT NORTON GATEWAY	LS
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
	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
S917.05	REMOVE EXISTING HYDRANT	EA
S923.01XX	BELL JOINT LEAK CLAMP	EA
S962.01	JOINT BOND	EA
S966.0332	32 POUND MAGNESIUM ANODE	EA
S999.0101	PROJECT SIGN	EA
R619.01	BASIC MAINTENANCE AND PROTECTION OF TRAFFIC	LS
634.01	SURVEY AND STAKEOUT	LS
699.04	MOBILIZATION (4%)	LS

REMOVE

THIS SHEET NOT NECESSARY

Reduce redundancy + inaccuracies

Contract book has all the same info

REVISIONS

NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
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DESIGNED BY: AM/WC/JL
DRAWN BY: KLO/MED

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

SUMMARY OF ITEMS

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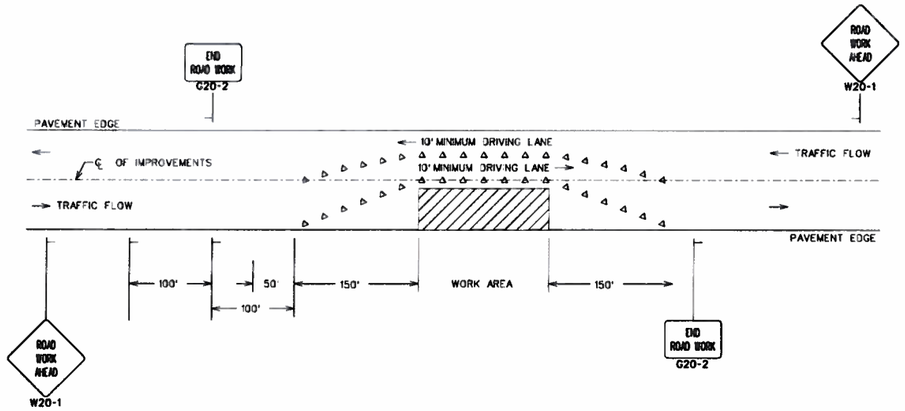
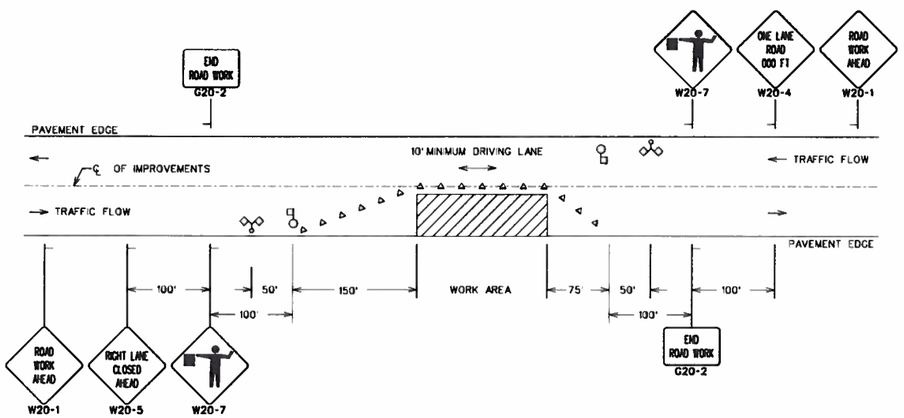
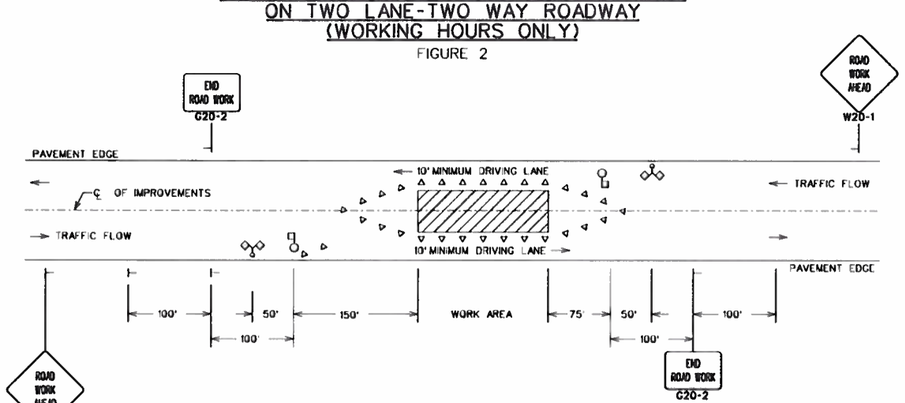


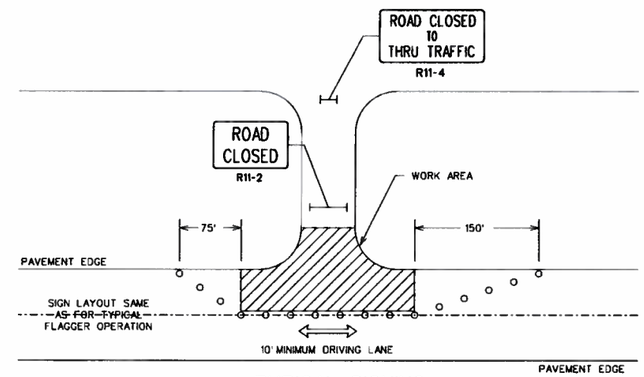
TRAFFIC CONTROL FOR LANE SHIFT
ON TWO LANE-TWO WAY ROADWAY
(WORKING HOURS ONLY)
FIGURE 1



TRAFFIC CONTROL FOR ONE LANE SECTIONS
ON TWO LANE-TWO WAY ROADWAY
(WORKING HOURS ONLY)
FIGURE 2

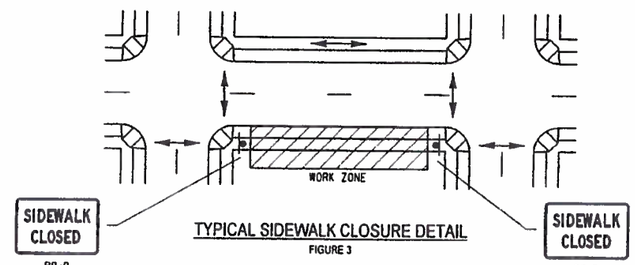


TRAFFIC CONTROL LANE SHIFT
ON TWO LANE-TWO WAY ROADWAY
(WORKING HOURS ONLY)
FIGURE 3



TYPICAL SIGNING
INTERSECTION RECONSTRUCTION AREA
FIGURE 4

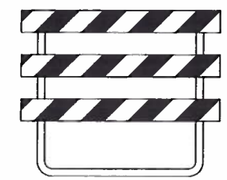
90% PLANS
APRIL 16, 2014



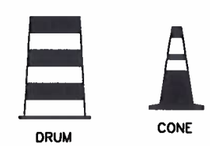
TYPICAL SIDEWALK CLOSURE DETAIL
FIGURE 3

SIDEWALK CLOSURE NOTES

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



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



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

NOTES:

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

Show overall plan w/ MPOT signage - see example

Hincher Group Project or Akron St Group

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DRAWN BY: KLO

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

MAINTENANCE OF TRAFFIC
GENERAL NOTES

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KCI JOB NUMBER
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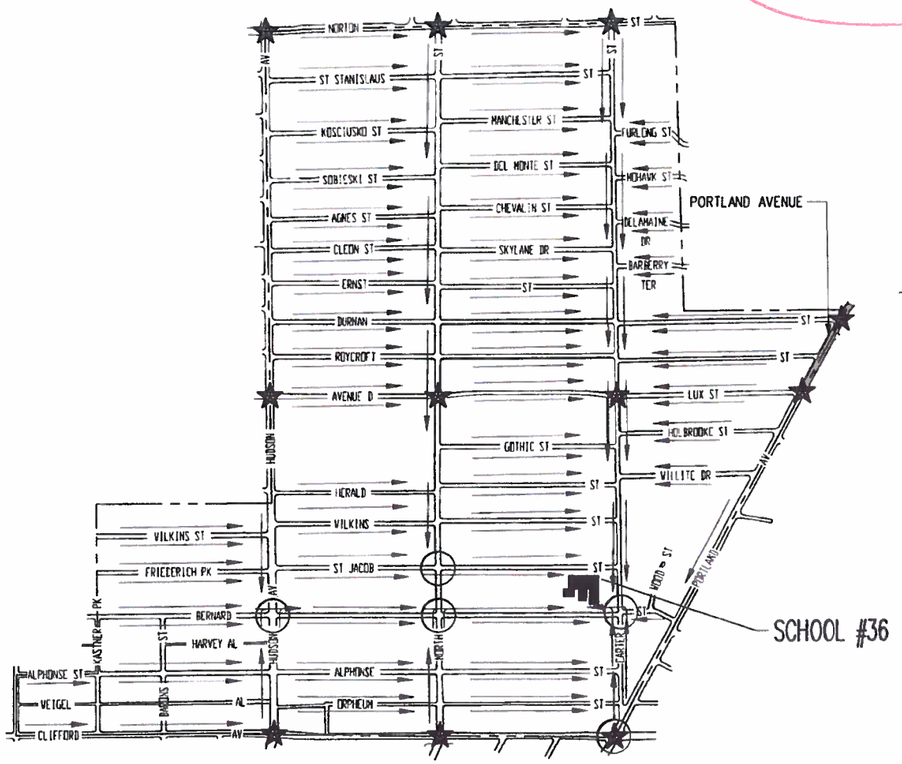
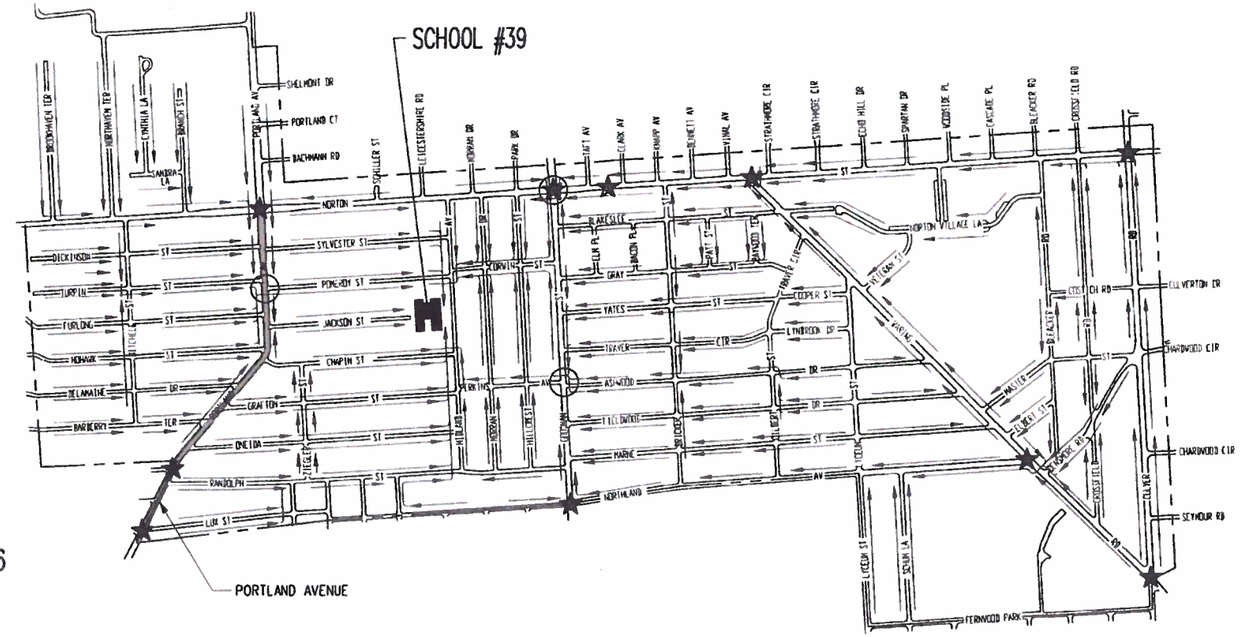
FILE: $FILE$

90% PLANS
APRIL 16, 2014

Show North arrow



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



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

LEGEND

○ - CROSSING GUARD LOCATION
★ - TRAFFIC SIGNAL LOCATION

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MT-2
SHEET 5 OF 47
KCI JOB NUMBER
22134062

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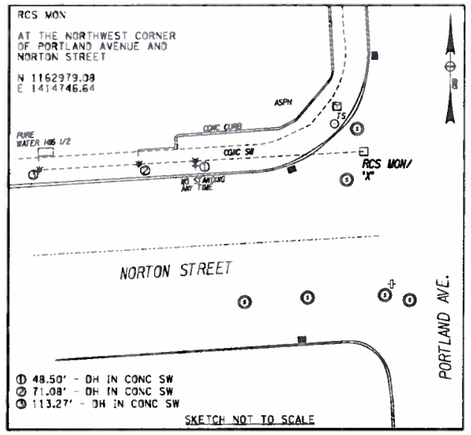
BY $USERNAME$
FILE: MT-2

RCS MON

AT THE NORTHWEST CORNER OF PORTLAND AVENUE AND NORTON STREET

N 1162979.08
E 1414746.64



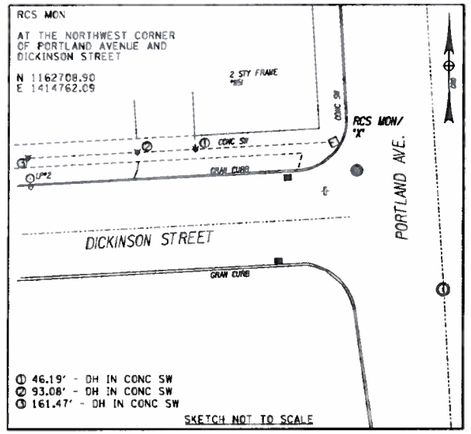
① 48.50' - DH IN CONC SW
② 71.08' - DH IN CONC SW
③ 113.27' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

AT THE NORTHWEST CORNER OF PORTLAND AVENUE AND DICKINSON STREET

N 1162708.90
E 1414762.09



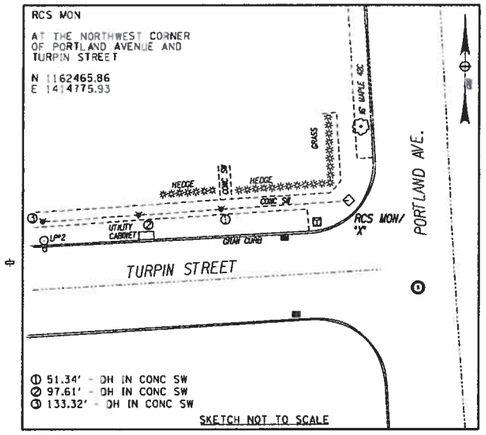
① 46.19' - DH IN CONC SW
② 93.08' - DH IN CONC SW
③ 161.47' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

AT THE NORTHWEST CORNER OF PORTLAND AVENUE AND TURPIN STREET

N 1162465.86
E 1414775.93



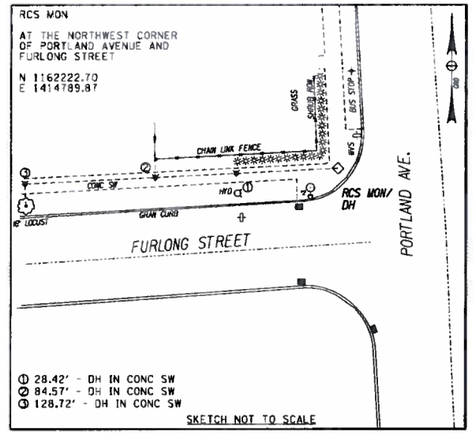
① 51.34' - DH IN CONC SW
② 97.61' - DH IN CONC SW
③ 133.32' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

AT THE NORTHWEST CORNER OF PORTLAND AVENUE AND FURLONG STREET

N 1162222.70
E 1414789.87



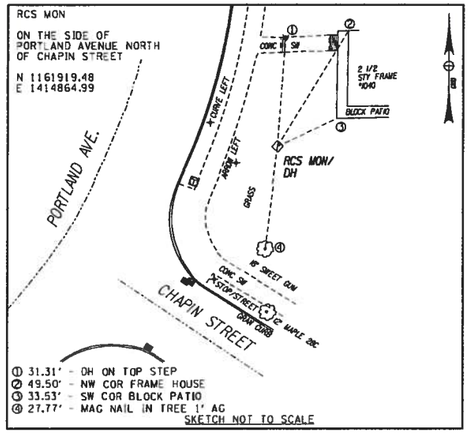
① 28.42' - DH IN CONC SW
② 84.57' - DH IN CONC SW
③ 128.72' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

ON THE SIDE OF PORTLAND AVENUE NORTH OF CHAPIN STREET

N 1161919.48
E 1414864.99



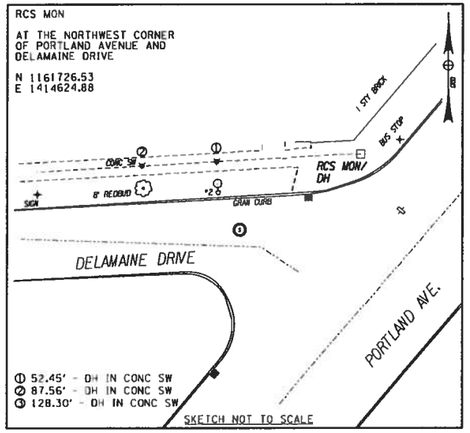
① 31.31' - DH ON TOP STEP
② 49.50' - NW COR FRAME HOUSE
③ 33.53' - SW COR BLOCK PATIO
④ 27.77' - MAG NAIL IN TREE 1' AG

SKETCH NOT TO SCALE

RCS MON

AT THE NORTHWEST CORNER OF PORTLAND AVENUE AND DELAMAINE DRIVE

N 1161726.53
E 1414624.88



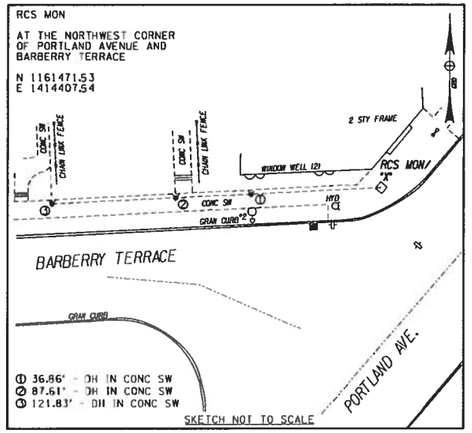
① 52.45' - DH IN CONC SW
② 87.56' - DH IN CONC SW
③ 128.30' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

AT THE NORTHWEST CORNER OF PORTLAND AVENUE AND BARBERRY TERRACE

N 1161471.53
E 1414407.54



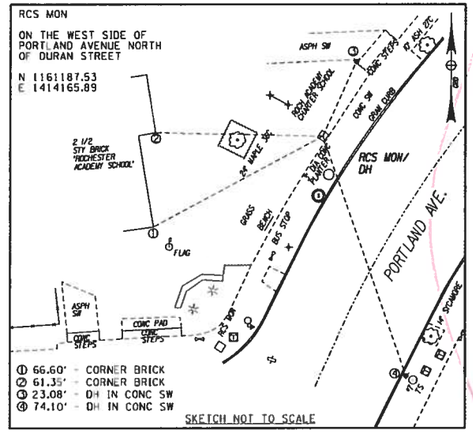
① 36.86' - DH IN CONC SW
② 87.61' - DH IN CONC SW
③ 121.83' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

ON THE WEST SIDE OF PORTLAND AVENUE NORTH OF DURAN STREET

N 1161187.53
E 1414165.89



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

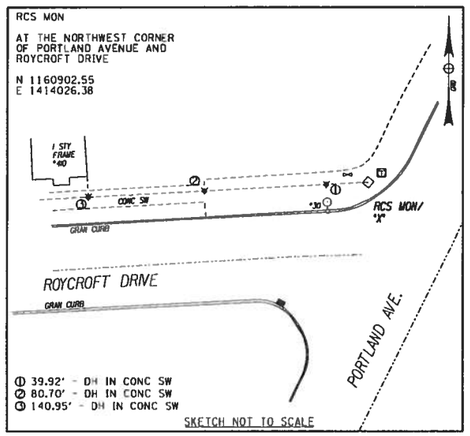
SKETCH NOT TO SCALE

See Maps + Survey comments

RCS MON

AT THE NORTHWEST CORNER OF PORTLAND AVENUE AND ROYCROFT DRIVE

N 1160902.55
E 1414026.38



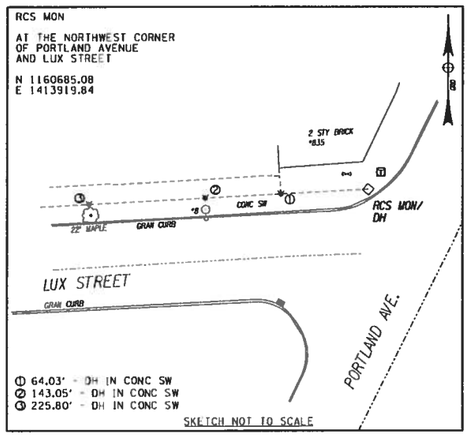
① 39.92' - DH IN CONC SW
② 80.70' - DH IN CONC SW
③ 140.95' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

AT THE NORTHWEST CORNER OF PORTLAND AVENUE AND LUX STREET

N 1160685.08
E 1413919.84



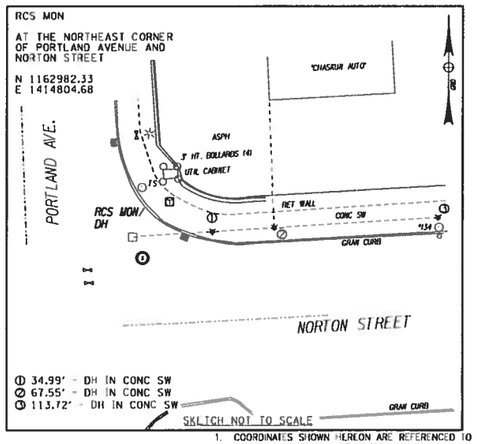
① 64.03' - DH IN CONC SW
② 143.05' - DH IN CONC SW
③ 225.80' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

AT THE NORTHEAST CORNER OF PORTLAND AVENUE AND NORTON STREET

N 1162982.33
E 1414804.68



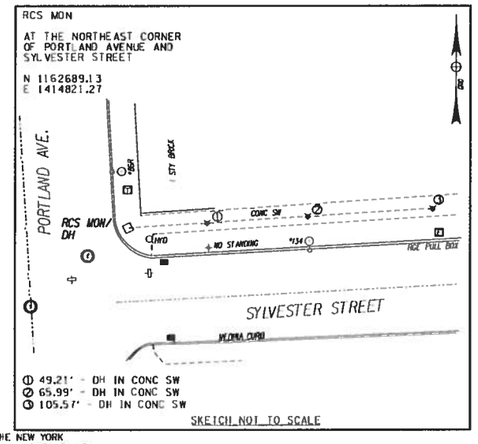
① 34.99' - DH IN CONC SW
② 67.55' - DH IN CONC SW
③ 113.72' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

AT THE NORTHEAST CORNER OF PORTLAND AVENUE AND SYLVESTER STREET

N 1162689.13
E 1414821.27



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

SKETCH NOT TO SCALE

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 $1/100000$.

MONUMENT	NORTHING	EASTING
USC&GS LINCOLN	1158542.7039	1412233.0121
USC&GS MILLER	1158581.1638	1413477.2091
091590201 NW COR PORTLAND/NORTON	1162979.0806	1414746.6388
091670106 NW COR PORTLAND/DICKINSON	1162708.8957	1414762.0932

NOTE:
DH = DRILL HOLE WITH 1/4" DIAMETER SCRIBE AROUND IT

REV	DESCRIPTION	DATE	BY
7			
6			
5			
4			
3			
2			
1			

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Phone: 585-244-1170

FA PROJECT NO.
132029

PROJECT MANAGER
S. SMITH

DRAWN BY
J. HEFNER

SCALE
NONE

ISSUE DATE
NOV. 2013

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

TITLE OF DRAWING
SURVEY DATA

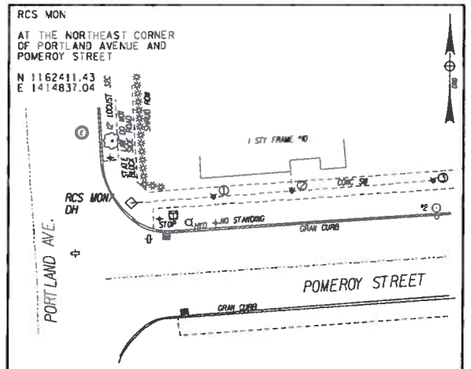
DRAWING NO.
SD-1

H:\Projects\132029-Portland Ave\Sur\CAD\Portland Ave Tmp.dgn
11/20/2013 1:27:14 PM
MikeM

RCS MON

AT THE NORTHEAST CORNER
OF PORTLAND AVENUE AND
POMEROY STREET

N 1162411.43
E 1414837.04



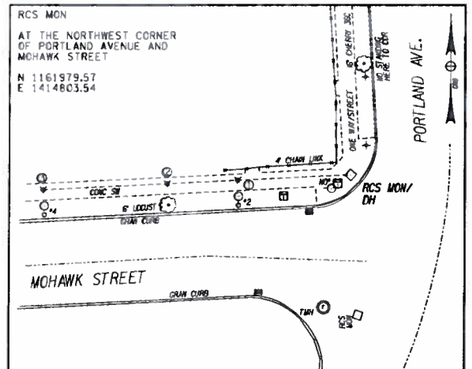
① 39.36' - DH IN CONC SW
② 68.52' - DH IN CONC SW
③ 138.55' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

AT THE NORTHWEST CORNER
OF PORTLAND AVENUE AND
MOHAWK STREET

N 1161979.57
E 1414803.54



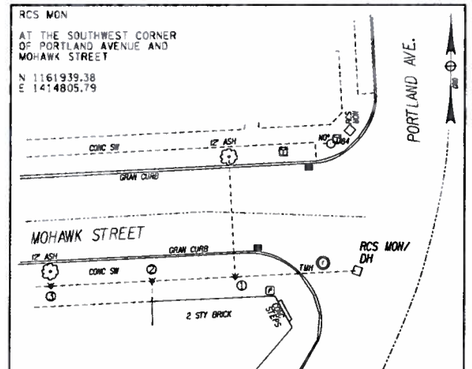
① 32.38' - DH IN CONC SW
② 72.10' - DH IN CONC SW
③ 139.47' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

AT THE SOUTHWEST CORNER
OF PORTLAND AVENUE AND
MOHAWK STREET

N 1161939.38
E 1414805.79



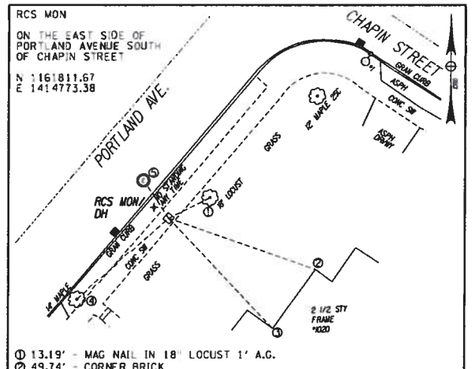
① 48.20' - DH IN CONC SW
② 81.57' - DH IN CONC SW
③ 148.61' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

ON THE EAST SIDE OF
PORTLAND AVENUE SOUTH
OF CHAPIN STREET

N 1161811.67
E 1414773.38



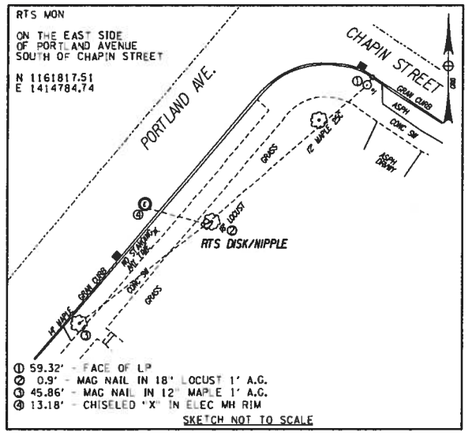
① 13.19' - MAG NAIL IN 18" LOCUST 1' A.G.
② 49.74' - CORNER BRICK
③ 51.62' - CORNER BRICK
④ 33.29' - MAG NAIL IN 14" MAPLE 1' A.G.
⑤ 11.95' - CHISELED "X" IN ELEC MH RIM

SKETCH NOT TO SCALE

RTS MON

ON THE EAST SIDE
OF PORTLAND AVENUE
SOUTH OF CHAPIN STREET

N 1161817.51
E 1414784.74



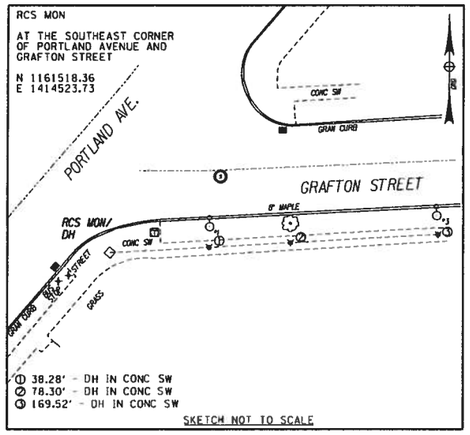
① 59.32' - FACE OF LP
② 0.9' - MAG NAIL IN 18" LOCUST 1' A.G.
③ 45.86' - MAG NAIL IN 12" MAPLE 1' A.G.
④ 13.18' - CHISELED "X" IN ELEC MH RIM

SKETCH NOT TO SCALE

RCS MON

AT THE SOUTHEAST CORNER
OF PORTLAND AVENUE AND
GRAFTON STREET

N 1161518.36
E 1414523.73



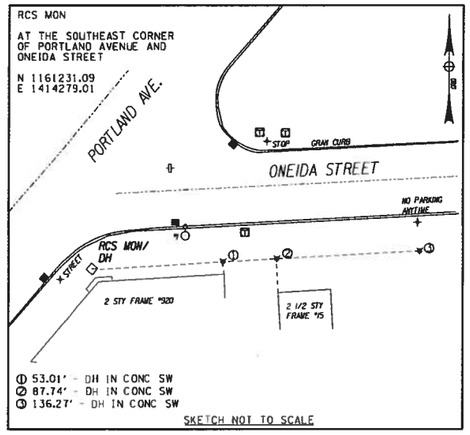
① 38.28' - DH IN CONC SW
② 78.30' - DH IN CONC SW
③ 169.52' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

AT THE SOUTHEAST CORNER
OF PORTLAND AVENUE AND
ONEIDA STREET

N 1161231.09
E 1414279.01



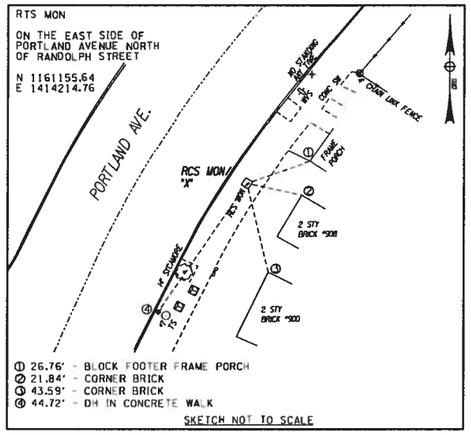
① 53.01' - DH IN CONC SW
② 87.74' - DH IN CONC SW
③ 136.27' - DH IN CONC SW

SKETCH NOT TO SCALE

RTS MON

ON THE EAST SIDE OF
PORTLAND AVENUE NORTH
OF RANDOLPH STREET

N 1161155.64
E 1414214.76



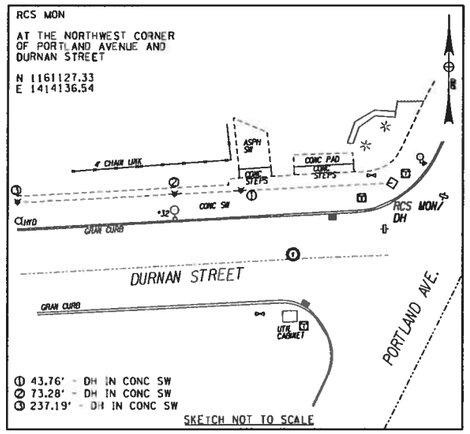
① 26.76' - BLOCK FOOTER FRAME PORCH
② 21.84' - CORNER BRICK
③ 43.59' - CORNER BRICK
④ 44.72' - DH IN CONCRETE WALK

SKETCH NOT TO SCALE

RCS MON

AT THE NORTHWEST CORNER
OF PORTLAND AVENUE AND
DURNAN STREET

N 1161127.33
E 1414136.54



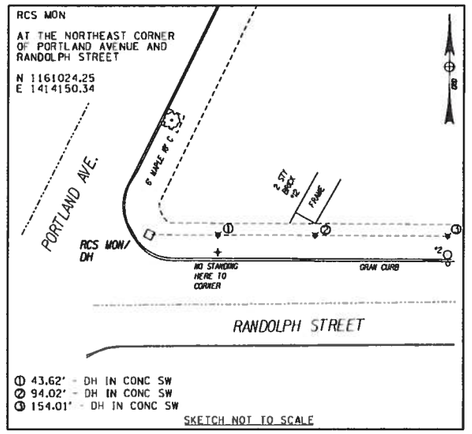
① 43.76' - DH IN CONC SW
② 73.28' - DH IN CONC SW
③ 237.19' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

AT THE NORTHEAST CORNER
OF PORTLAND AVENUE AND
RANDOLPH STREET

N 1161024.25
E 1414150.34



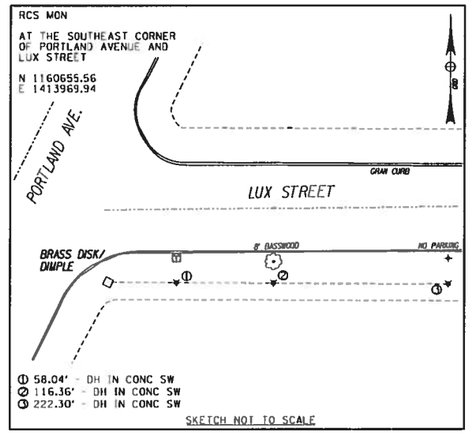
① 43.62' - DH IN CONC SW
② 94.02' - DH IN CONC SW
③ 154.01' - DH IN CONC SW

SKETCH NOT TO SCALE

RCS MON

AT THE SOUTHEAST CORNER
OF PORTLAND AVENUE AND
LUX STREET

N 1160655.56
E 1413969.94



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

SKETCH NOT TO SCALE

See Maps & Survey comments

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.

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

NOTE:
DH = DRILL HOLE WITH 1/4" DIAMETER SCRIBE AROUND IT

REV	DESCRIPTION	DATE	BY
1			
2			
3			
4			
5			
6			
7			

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

FISHER ASSOCIATES
Professional Engineers, Surveyors & Planners
159 South Main Street, Rochester, NY 14608
Phone: 585-325-1310

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

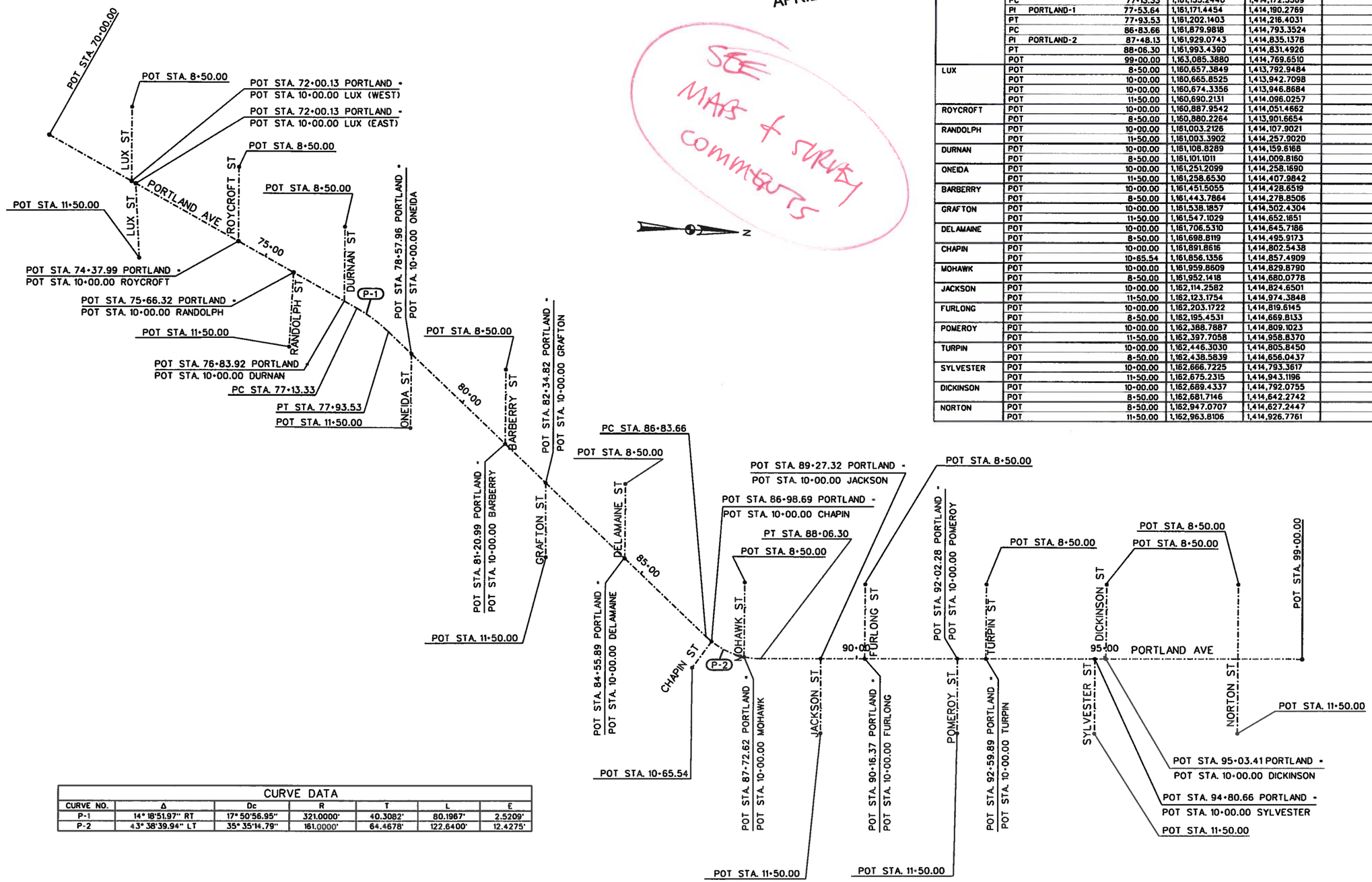
TITLE OF DRAWING
SURVEY DATA

DRAWING NO.
SD-2

H:\Projects\132029-Portland Ave\Sur\CAD\Portland Ave Tieset.dgn
11/20/2013 1:28:21 PM
MikeM

90% PLANS
APRIL 16, 2014

SEE MAPS & SURVEY COMMENTS



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

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: 1"=100'
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

GEOMETRY DATA

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ENGINEERS · PLANNERS · SCIENTISTS
CONSTRUCTION MANAGERS

100 CHESTNUT STREET
SUITE 1110
ROCHESTER, NY 14604
TELEPHONE: (585) 341-4234
FAX: (585) 341-4238

ISO 9001:2008 CERTIFIED

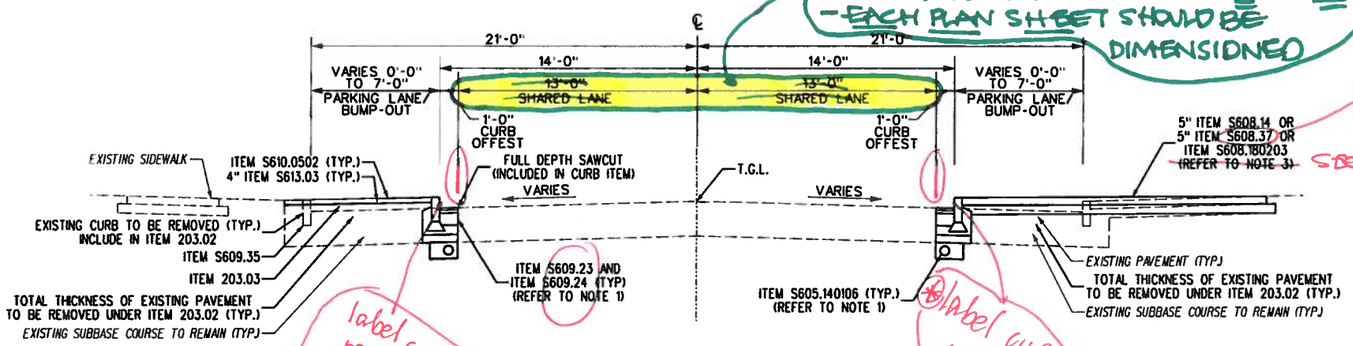
DRAWING NO.
GS-1

KCI JOB NUMBER
22134062

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

90% PLANS
APRIL 16, 2014

(*) SHOW STRIPING DIMENSIONS ON THE PLAN SHEETS - NOT HERE - EACH PLAN SHEET SHOULD BE DIMENSIONED — Typical



exposed aggregate only on walks not apron (ok as is)

SEE PL SHEETS

label curb reveal

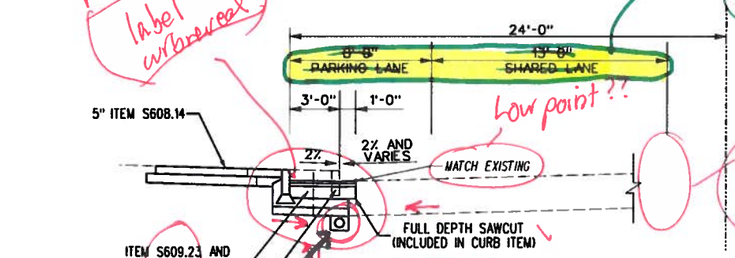
label curb reveal - if the same, note typical on one dimension

TYPICAL SECTION - PROPOSED
LUX STREET TO DELAMAINE DRIVE
STA. 71+00 TO STA. 85+65
REFER TO PL-1 TO PL-3 FOR CURB BUMP-OUT LOCATIONS

make sure positive slope to road

label curb reveal

SHOW ON PLANS ... NOT HERE



Low point??

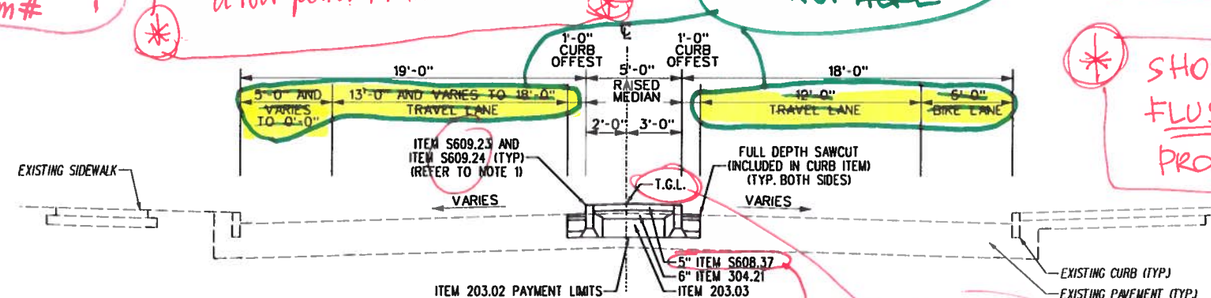
what is this measured to?

which way is this pitched? Creating a low point in the road?

new underdrain item#

TYPICAL SECTION - PROPOSED
DELAMAINE DRIVE TO MOHAWK STREET
STA. 85+65 (LT) TO STA. 86+90 (LT)

SHOW ON PLANS, NOT HERE



TYPICAL SECTION - PROPOSED
DELAMAINE DRIVE TO JACKSON STREET
STA. 86+15 TO STA. 86+65
STA. 87+95 TO STA. 88+10

EXPOSED AGGREGATE

what is this? in legend?

ITEM NO.	DESCRITPION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
203.03	EMBANKMENT IN PLACE	CY
R206.04	TRENCH AND CULVERT EXCAVATION	CY
304.12	SUBBASE COURSE, TYPE 2	CY
S608.14	CONCRETE SIDEWALK AND DRIVEWAY (INCLUDING EXCAVATION AND SUBBASE COURSE)	CY
605.140106	6" PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING	LF
S608.180203	BRICK (INCLUDING EXCAVATION AND SUBBASE COURSE) (RIGID BASE)	SF
S608.37	EXPOSED AGGREGATE CONCRETE (INCLUDING EXCAVATION AND SUBBASE COURSE)	CY
S609.23	5" STONE CURB	LF
S609.24	5" RADIUS STONE CURB	LF
S609.35	SALVAGE EXISTING CURB	LF
S610.0502	HYDROSEEDING	SY
S613.03	TOPSOIL	CY

(*) curb reveal may be installed 6" - 7 1/4" for rehabilitation projects (*)
(For reconstruction, should be 7 1/4" reveal)

(*) SHOW TYPICAL SECTION FOR CENTER FLUSH MEDIAN (*) INCLUDE IN THIS PROJECT (*)

WHAT MATERIAL/SURFACE TO BE USED W/ FLUSH MEDIAN?

NOTES:

1. REFER TO STONE CURB REPLACEMENT DETAIL ON DWG. CD-9.
2. REFER TO PLAN SHEETS FOR LOCATIONS OF CURB REPLACEMENT.
3. ~~REFER TO PLAN SHEETS FOR LOCATIONS AND TYPE OF SIDEWALK REPLACEMENT.~~ (*)
4. REFER TO PLAN SHEETS FOR LOCATIONS OF CURB BUMP-OUTS.
5. TACK COAT SHALL BE APPLIED BETWEEN HOT MIX ASPHALT PAVEMENT COURSES NLESS MULTIPLE LIFTS ARE PAVED IN THE SAME DAY.

REVISIONS

NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AM/MCJL
DRAWN BY: KLO/MED

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

TYPICAL SECTION

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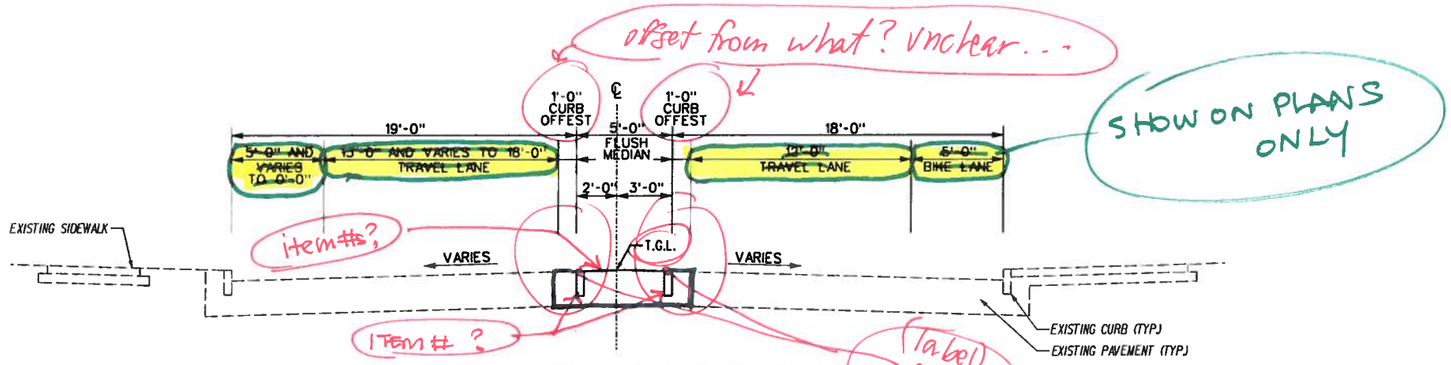
DRAWING NO.
TS-1
SHEET 9 OF 47
KCI JOB NUMBER
22134062

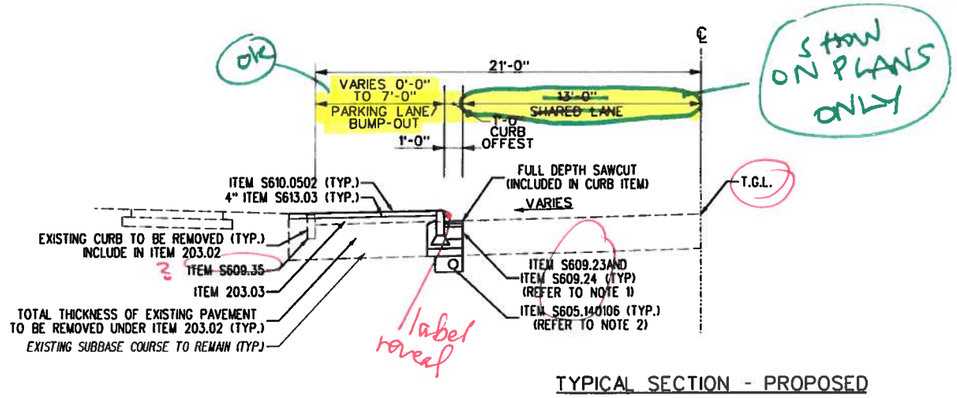
PLOTTED $DATE$
BY: $USERNAME$
FILE: $FILENAME$

90% PLANS
APRIL 16, 2014



TYPICAL SECTION - PROPOSED (BY OTHERS)

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



TYPICAL SECTION - PROPOSED

JACKSON STREET TO NORTON STREET
STA. 87+95 TO STA. 98+50
REFER TO PL-4 TO PL-6 FOR
CURB BUMP-OUT LOCATIONS

ITEM NO.	DESCRITPION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
203.03	EMBANKMENT IN PLACE	CY
R206.04	TRENCH AND CULVERT EXCAVATION	CY
304.12	SUBBASE COURSE, TYPE 2	CY
S608.14	CONCRETE SIDEWALK AND DRIVEWAY (INCLUDING EXCAVATION AND SUBBASE COURSE)	CY
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S609.23	5" STONE CURB	LF
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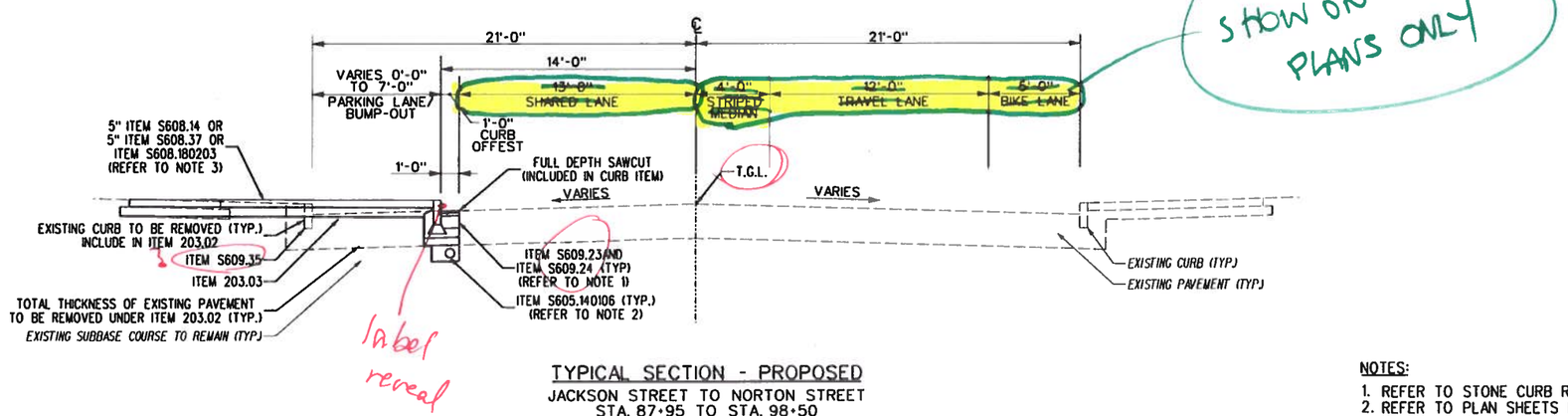
S609.35	SALVAGE EXISTING CURB	LF
S610.0502	HYDROSEEDING	SY
S613.03	TOPSOIL	CY



TYPICAL SECTION - PROPOSED

JACKSON STREET TO NORTON STREET
STA. 87+95 TO STA. 98+50
REFER TO PL-4 TO PL-6 FOR
CURB BUMP-OUT LOCATIONS

NOTES:

1. REFER TO STONE CURB REPLACEMENT DETAIL ON DWG. CD-9.
2. REFER TO PLAN SHEETS FOR LOCATIONS OF CURB REPLACEMENT.
3. REFER TO PLAN SHEETS FOR LOCATIONS AND TYPE OF SIDEWALK REPLACEMENT.
4. REFER TO PLAN SHEETS FOR LOCATIONS OF CURB BUMP-OUTS.
5. TACK COAT SHALL BE APPLIED BETWEEN HOT MIX ASPHALT PAVEMENT COURSES NLESS MULTIPLE LIFTS ARE PAVED IN THE SAME DAY.

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

TYPICAL SECTION

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DRAWING NO.
TS-2
SHEET 10 OF 47

KCI JOB NUMBER
22134062

PLOTTED DATES
BY: BUSERNAMES
FILE: PL-1.DWG

90% PLANS
APRIL 16, 2014

LAYOUT:

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

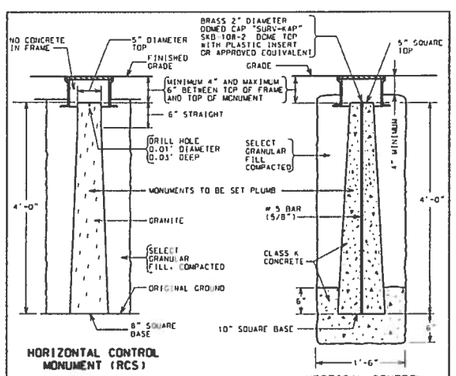
LETTERS:

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

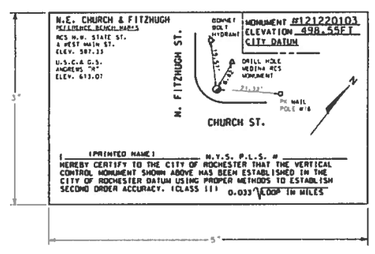
NOTES:

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

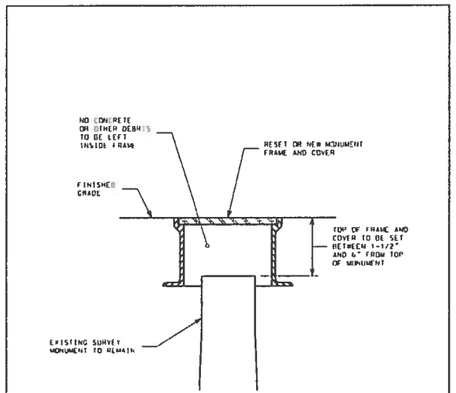
CITY OF ROCHESTER		
PROJECT SIGN		
ISSUED	5-7-01	NON-STANDARD
REVISED	1-1-14	DWG.NO.S999-2



CITY OF ROCHESTER		
MONUMENTS		
ISSUED	9-2-91	STD. DWG.
REVISED	10-21-01	NO. R626-1



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



NOTES:

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

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

DATE: APR. 2014	SCALE: NTS	DESIGNED BY: AMW	DRAWN BY: KLO

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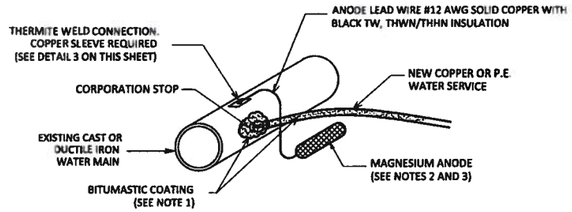
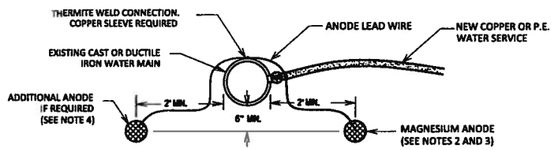
DRAWING NO.
CD-1
SHEET 11 OF 47
KCI JOB NUMBER
22134062

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





ELEVATION

NOTES:

1. APPLY ONE COAT OF BITUMASTIC TO MAIN AT SERVICE CONNECTION, CORPORATION STOP AND, FOR COPPER WATER SERVICES ONLY, SECTION OF SERVICE WITHIN 3 FEET OF MAIN.
2. USE HIGH POTENTIAL MAGNESIUM ANODE IN PREPACKAGED CLOTH BAG WITH BACKFILL. BARE WEIGHT OF ANODE INGOT (EXCLUDING BACKFILL) AND NUMBER OF ANODES AS NOTED ON PLANS OR AS DIRECTED BY PROJECT MANAGER.
3. ANODE IS TO BE PLACED IN TRENCH, WITH ANODE CENTERLINE 6 INCHES MINIMUM BELOW BOTTOM OF MAIN AND 2 FEET MINIMUM FROM SIDE WALL OF MAIN. ANODE TO BE SURROUNDED WITH NATIVE BACKFILL.
4. WHEN TWO ANODES ARE REQUIRED AT NEW WATER SERVICE, THE SECOND ANODE SHALL BE LOCATED ON OPPOSITE SIDE OF WATER MAIN. SECOND ANODE LEAD WIRE SHALL BE THERMITE WELDED TO TOP OF WATER MAIN AT LEAST 1 FOOT FROM THERMITE WELD FOR FIRST ANODE LEAD WIRE.
5. BASED ON THE CITY OF ROCHESTER STANDARD DRAWING NO. S966-4

ANODE AT NEW WATER SERVICE ON EXISTING CAST/DUCTILE IRON WATER MAIN — 1 / CD-2

NOT TO SCALE

CITY OF ROCHESTER
WATER SERVICE INSTALLATION DATA

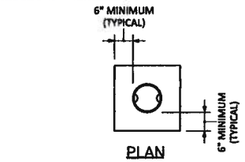
PROPERTY ADDRESS: _____
STREET SERVICE TAPPED ON (IF DIFFERENT): _____
DATE OF INSTALLATION: _____ DOMESTIC OR HOLLY SYSTEM? _____
TAP SIZE: _____ DISTANCE, MAIN TO ROW LINE: _____ SIDE OF ST. TAPPED: _____
CURB STOP/VALVE SIZE: _____ SERVICE LENGTH: _____ SERVICE MATERIAL: _____
CONTRACTOR/PLUMBER: _____
TAP INSTALLED BY: _____ INSPECTOR: _____
CURB OR OPERATING VALVE LOCATION ●: _____
TAP OR GUARD VALVE LOCATION (IF DIFFERENT): _____
INSULATOR INSTALLED? _____ IF YES, WHERE: TAP_____ CURB STOP _____
ANODE INSTALLED? ____ IF YES, SIZE: ____ LBS., ATTACHED TO: TAP___ , SERVICE ___ , MAIN___
INSIDE SERVICE MATERIAL & SIZE: _____
● MEASURED FROM ROW OF NEAREST INTERSECTING STREET OR HYDRANT, WHICHEVER IS CLOSER OCT. 2013

NOTES:

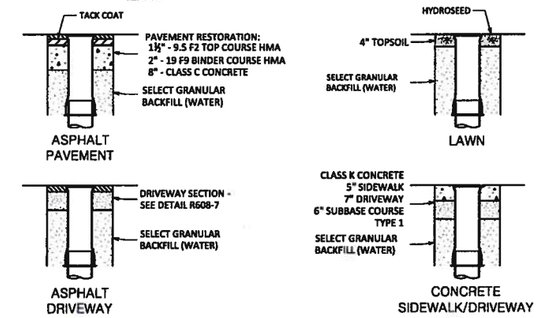
1. WATER SERVICE CARD WILL BE SUPPLIED BY THE WATER BUREAU. REQUIRED INFORMATION IS TO BE TYPED OR NEATLY PRINTED ON WATER SERVICE CARD.
2. WATER SERVICE CARD FOR WATER SERVICE THAT IS ABANDONED AT TAP IS TO BE MARKED "ABANDONED AT TAP" ACROSS FACE OF WATER SERVICE CARD WITH CONTRACTOR'S NAME AND DATE ABANDONED BEING NOTED.
3. MEASUREMENT FOR LOCATION OF CURB STOP IS TO BE TAKEN FROM RIGHT-OF-WAY EXTENSION OF NEAREST INTERSECTING STREET AS MEASURED PARALLEL TO STREET ON WHICH WATER SERVICE IS INSTALLED, OR FROM NEAREST HYDRANT LOCATED OFF OF SAME WATER MAIN, WHICHEVER IS CLOSER (SEE NOTE 4 FOR EXCEPTION). WHENEVER POSSIBLE, MEASUREMENTS SHOULD BE LESS THAN 300 FEET.
4. IF NEAREST INTERSECTING STREET RIGHT-OF-WAY EXTENSION IS NOT PERPENDICULAR TOT HE STREET RIGHT-OF-WAY ON WHICH THE CURB STOP IS LOCATED, THE CURB STOP MEASUREMENT SHOULD BE TAKEN FROM THE NEAREST HYDRANT ATTACHED TO THE WATER MAIN WHICH THE WATER SERVICE IS CONNECTED TO. IF SUCH HYDRANT IS NOT AVAILABLE, THEN ANTHER PERMANENT FEATURE, PRE-APPROVED BY THE WATER BUREAU, SHALL BE USED FOR THE CURB STOP MEASUREMENT.
5. MEASUREMENTS ARE TO BE ENTERED IN TENTHS OF FEET. DO NOT USE INCHES. ROUNDING TO THE NEAREST 0.5 FEET IS ACCEPTABLE.
6. IF SERVICE IS INSTALLED WITH HORIZONTAL BEND, DEAW A SKETCH ON THE BACK OF THE CARD SHOWING THE LOCATIONS OF THE MAIN, CORPORATION, SERVICE AND CURB STOP. THE DISTANCE BETWEEN THE BEND AND CURB STOP AND OFFSET DIMENSIONS BETWEEN THE BEND AND THE CORPORATION AND THE CURB STOP SHOULD BE SHOWN IN THE SKETCH.

WATER SERVICE CARD — 2 / CD-2

NOT TO SCALE



PLAN



SECTIONS

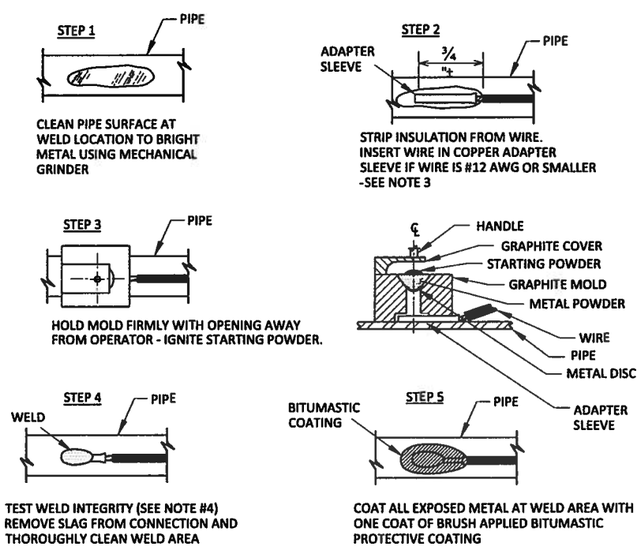
NOTES:

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

WATER VALVE BOX ADJUSTMENT OR REPLACEMENT — 3 / CD-2

NOT TO SCALE

90% PLANS
APRIL 16, 2014



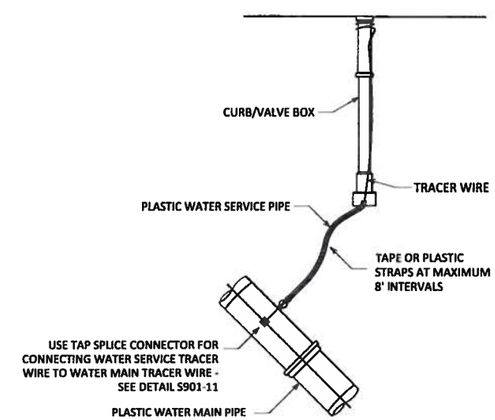
NOTES:

1. FOLLOW MANUFACTURER'S PROCEDURES AND RECOMMENDATIONS WHEN THERMITE WELDING.
2. USE APPROPRIATE WELD MOLDS AND WELD METALS FOR SPECIFIC SIZE AND MATERIAL OF PIPE THAT WIRE IS BEING ATTACHED TO.
3. WHEN THERMITE WELDING #12 AWG WIRES OR SMALLER, INSERT END OF WIRE INTO AN APPROVED COPPER SLEEVE PRIOR TO THERMITE WELDING AND CRIMP SLEEVE ON WIRE.
4. TEST WELD INTEGRITY BY STRIKING WELD WITH A HAMMER AFTER WELD HAS COOLED. AVOID STRIKING WIRE.
5. BASED ON CITY OF ROCHESTER STANDARD DRAWING NO. S966-2

THERMITE WELD DETAILS — 4 / CD-2

NOT TO SCALE

Not consistent numbering
WS needs to be added to legend if you plan to keep it.



NOTES:

1. FOR OPEN CUT INSTALLATION, TRACER WIRE IS TO BE #12 AWG SOLID COPPER WITH 30 MIL BLUE HMWPE INSULATION. FOR TRENCHLESS INSTALLATION, TRACER WIRE IS TO BE #12 AWG SOLID COPPER CLAD STEEL CORE WITH 45 MIL BLUE HDPE INSULATION.
2. FOR NEW PLASTIC WATER SERVICE PIPE CONNECTED TO PLASTIC WATER MAIN PIPE, WATER SERVICE TRACER WIRE IS TO BE SPLICED TO WATER MAIN TRACER WIRE AND EXTENDED UP TO TOP OF CURB/VALVE BOX. WATER SERVICE TRACER WIRE IS TO RUN ALONG TOP OF AND BE SECURED TO PLASTIC WATER SERVICE PIPE WITH PLASTIC STRAPS OR TAPE PLACED AT MAXIMUM 8 FEET INTERVALS.
3. FOR CURB/VALVE BOX IN LAWN AREA, EXTEND WATER SERVICE TRACER WIRE UP OUTSIDE OF CURB/VALVE BOX WINDING END 3 TIMES AROUND AND APPROXIMATELY 1 INCH BELOW TOP OF CURB/VALVE BOX. FOR CURB/VALVE BOX IN PAVED AREA, EXTEND WATER SERVICE TRACER WIRE UP INSIDE OF CURB/VALVE BOX LEAVING MINIMUM OF 3 FEET OF WATER SERVICE TRACER WIRE COILED UP INSIDE TOP OF CURB/VALVE BOX.
4. FOR NEW PLASTIC WATER SERVICE PIPE CONNECTED TO CAST/DUCTILE IRON WATER MAIN PIPE, WATER SERVICE TRACER WIRE IS TO BE CONNECTED TO CORPORATION STOP WITH BRASS THAW WIRE NUT COMPRESSION ASSEMBLY WITH SET SCREW.
5. BASED ON THE CITY OF ROCHESTER STANDARD DRAWING NO. 901-9

PLASTIC WATER SERVICE TRACER WIRE INSTALLATION — 5 / CD-2

NOT TO SCALE

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
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PORTLAND AVENUE REVITALIZATION

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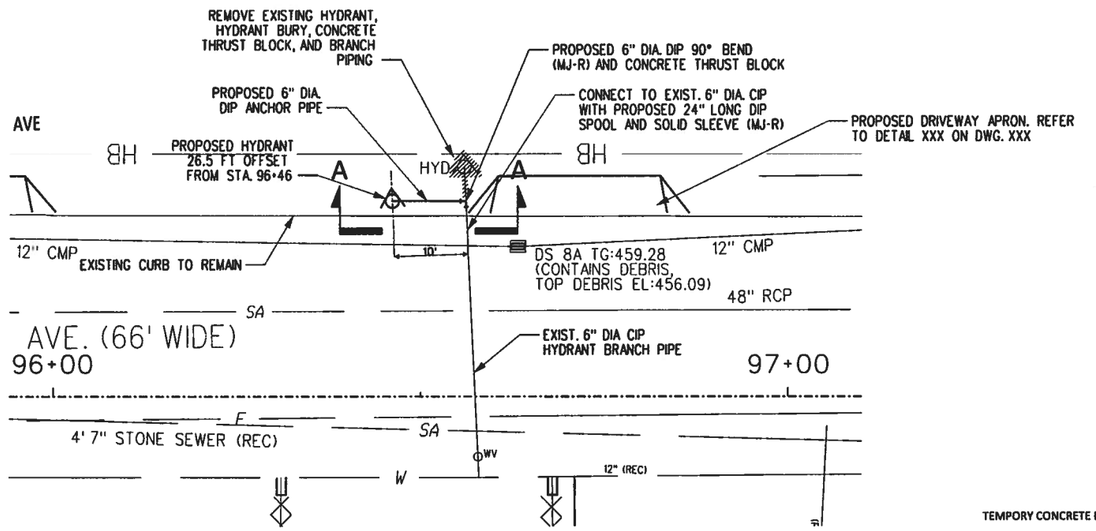
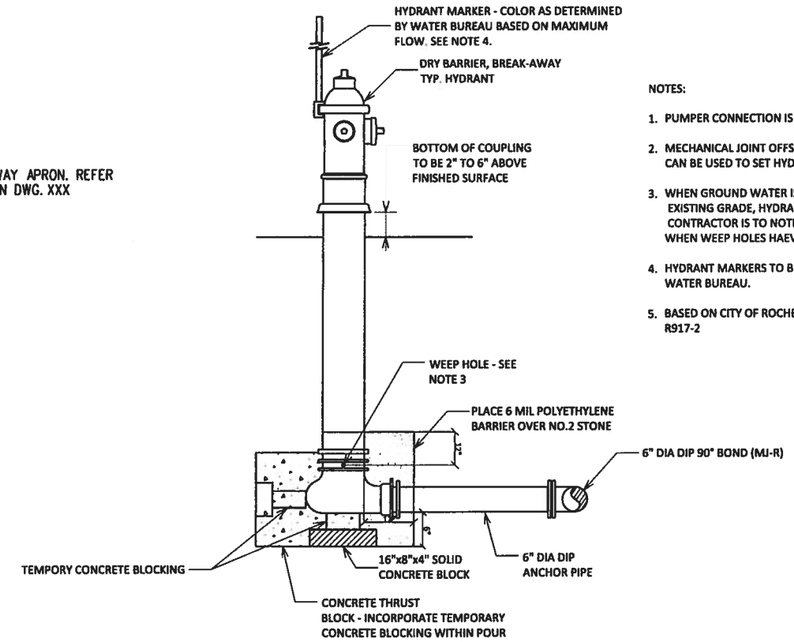
DRAWING NO.
CD-2
SHEET 12 OF 47
KCI JOB NUMBER
22134062

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



PLAN

SCALE: 1" = 10'



SECTION A-A

NOT TO SCALE

90% PLANS
APRIL 16, 2014

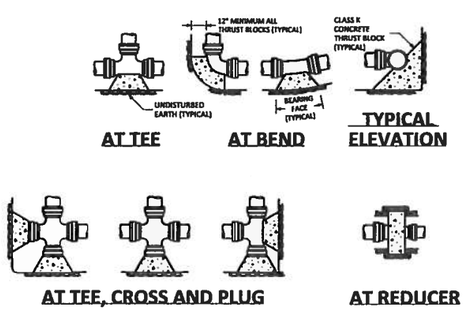
NOTES:

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 WATER BUREAU IN WRITING WHEN WEEP HOLES HAEV BEEN PLUGGED.
4. HYDRANT MARKERS TO BE FURNISHED AND INSTALLED BY THE WATER BUREAU.
5. BASED ON CITY OF ROCHESTER STANDARD DRAWING NO. R917-2

REPLACEMENT AND RELOCATION OF HYDRANT

6
CD-3

AREA OF BEARING FACE OF THRUST BLOCK IN SQUARE FEET (AREA BASED ON INTERNAL PRESSURE OF 150 PSIG AND SOIL BEARING PRESSURE OF 2000 PSF) (SEE NOTE 1)							
PIPE SIZE	BEND				TEE PLUG	REDUCER	
	90°	45°	22-1/2°	11-1/4°		SIZE	AREA
4" - 6"	4	2.5	1.5	1	3	6" x 4"	2
8"	7	4	2	1	5	8" x 6"	2.5
12"	14.5	8	4	2	10.5	12" x 8"	5.5

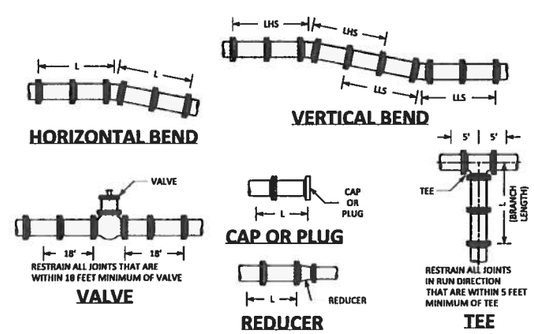


NOTES:

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

HORIZONTAL THRUST BLOCK DOMESTIC SYSTEM

7
CD-3



MINIMUM RESTRAINED LENGTH FOR WATER MAIN PIPE ADJACENT TO FITTINGS (IN FEET) (BASED ON INTERNAL PRESSURE OF 150 PSI) (SEE NOTE 1)								
PIPE SIZE (INCHES)	MINIMUM LENGTH ●	90°	45°	22-1/2°	11-1/4°	REDUCER	TEE	CAP PLUG
4" - 6"	L	16	7	3	2	29	16	56
	LHS	49	24	12	6	---	---	---
	LLS	16	6	3	2	---	---	---
8"	L	20	9	4	2	31	33	74
	LHS	64	31	15	8	---	---	---
	LLS	20	8	4	2	---	---	---
12"	L	28	12	6	3	56	64	105
	LHS	91	44	21	11	---	---	---
	LLS	28	11	5	3	---	---	---

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

NOTES:

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

WATER MAIN PIPE RESTRAINT DOMESTIC SYSTEM

8
CD-3

DATE: APR. 2014
SCALE:
DESIGNED BY: AMW/CJL
DRAWN BY: KLOMED

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

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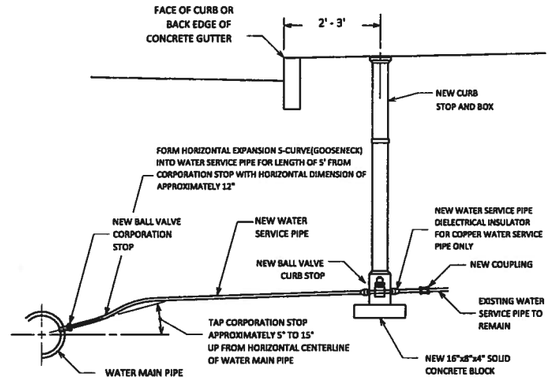
DRAWING NO
CD-3
SHEET 13 OF 47
KCI JOB NUMBER
22134062

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

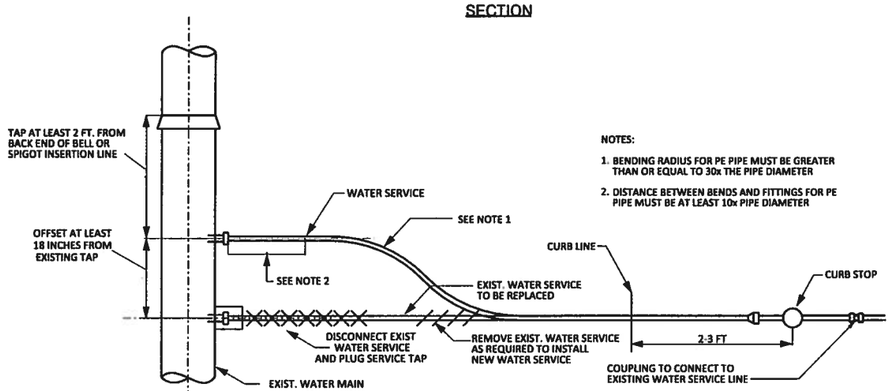


NOTES:

1. WATER SERVICE PIPE IS TO HAVE MINIMUM COVER DEPTH OF 4.50 FEET FROM FINISHED SURFACE.
2. WATER SERVICE TAP IS TO BE MADE ON CUSTOMER SIDE OF WATER MAIN PIPE. FOR PLASTIC WATER MAIN PIPE USE WIDE STRAP BRASS TAPPING SADDLE. FOR CAST/DUCTILE IRON WATER MAIN PIPE USE DOUBLE STRAP BRASS TAPPING SADDLE, SEE TABLE.
3. WATER SERVICE PIPE IS TO RUN PERPENDICULAR TO WATER MAIN PIPE.
4. FOR WATER SERVICE PIPE 11#2 INCHES AND LARGER, ADD CURB BOX ARCH TO CURB BOX.
5. TRACER WIRE MUST BE INSTALLED FOR PLASTIC WATER SERVICE PIPE, SEE DETAILS S901-9 AND S901-11.
6. MAGNESIUM ANODE MUST BE INSTALLED FOR COPPER WATER SERVICE PIPE, SEE DETAIL S966-3.
7. WARNING TAPE MUST BE INSTALLED WITH ALL OPEN CUT TRENCHED WATER SERVICE PIPE INSTALLATIONS.
8. REFER TO WATER BUREAU'S APPROVED PRODUCT LIST FOR LIST OF APPROVED WATER SERVICE PRODUCTS.
9. BASED ON THE CITY OF ROCHESTER STANDARD DRAWING NO. R913-1

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

SECTION



NOTES:

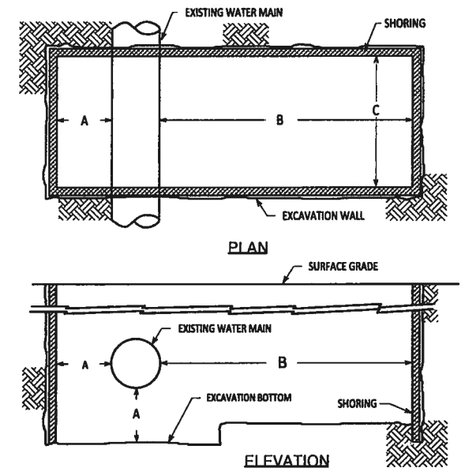
1. BENDING RADIUS FOR PE PIPE MUST BE GREATER THAN OR EQUAL TO 30x THE PIPE DIAMETER
2. DISTANCE BETWEEN BENDS AND FITTINGS FOR PE PIPE MUST BE AT LEAST 10x PIPE DIAMETER

PLAN

WATER SERVICE PIPE 2" DIA. AND SMALLER

NOT TO SCALE

9 / CD-4



NOTES:

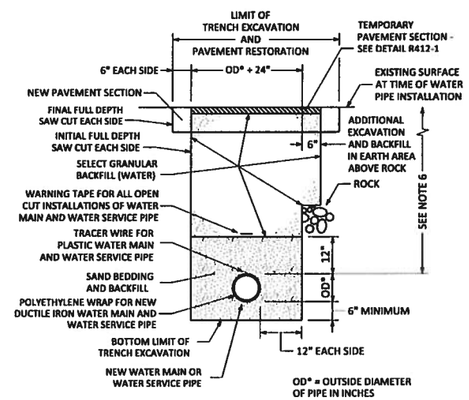
1. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL EXCAVATIONS ARE ADEQUATELY PROTECTED IN ACCORDANCE WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
2. SHORING MUST BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH OSHA REGULATIONS, AND ADEQUATE CLEARANCES PROVIDED, WHEREVER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

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

WATER SERVICE TAP EXCAVATION

NOT TO SCALE

10 / CD-4



NOTES:

1. LIMITS SHOWN ARE MAXIMUM ALLOWED AND MINIMUM REQUIRED FOR EXCAVATION AND BACKFILL.
2. UPPER LIMIT FOR TRENCH EXCAVATION IS TOP OF EXISTING SURFACE AT TIME OF TRENCH EXCAVATION.
3. UPPER LIMIT FOR ROCK EXCAVATION IS TOP SURFACE OF ROCK.
4. UPPER LIMIT FOR SELECT GRANULAR BACKFILL (WATER) IS BOTTOM OF TEMPORARY PAVEMENT, IF USED, OTHERWISE TOP OF SURFACE.
5. TEMPORARY OR PERMANENT BLOCKS OR ANY OTHER TYPE OF PIPE SUPPORT IS NOT TO BE USED DURING PIPE INSTALLATION.
6. MINIMUM DEPTH OF COVER FOR WATER PIPE FROM TOP OF PROPOSED GRADE IS 4.50 FEET FOR DOMESTIC WATER PIPE, AND 5 FEET FOR HOLLY WATER PIPE, UNLESS OTHERWISE NOTED ON PLANS OR AS DIRECTED BY PROJECT MANAGER.

WATER TRENCH PAVEMENT REHABILITATION

NOT TO SCALE

11 / CD-4

90% PLANS
APRIL 16, 2014

DATE: APR. 2014
SCALE:
DESIGNED BY: AM/WCJL
DRAWN BY: KLO/MED

REVISIONS

NO.	DATE	DESCRIPTION	BY

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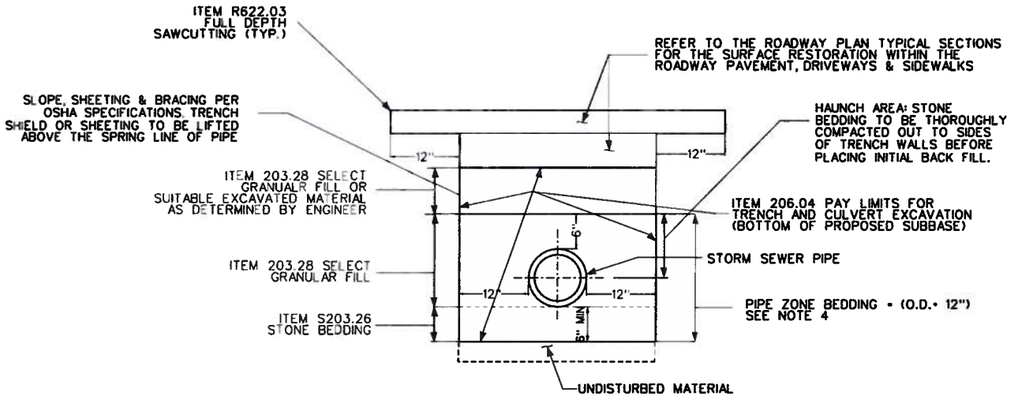
DRAWING NO.
CD-4
SHEET 14 OF 47
KCI JOB NUMBER
22134062

PLOTTED: 8/14/14
BY: SUSERNAME$
FILE: $FILE$

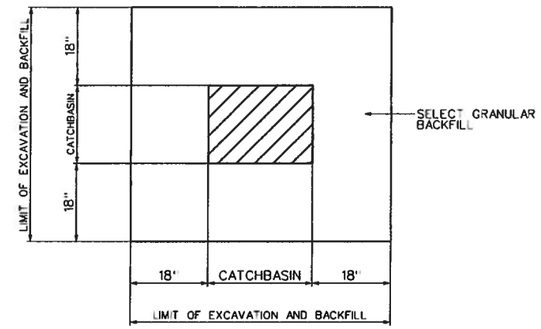


NOTES:

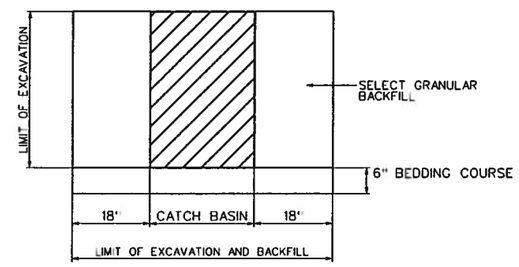
1. REMOVE EXISTING PAVEMENT AND SUBBASE UNDER ITEM 203.02. WHERE SEWER IS INSTALLED PRIOR TO BOX OUT, THE UPPER PAY LIMIT FOR ITEM 206.02 SHALL BE EXISTING GROUND. BACKFILL WILL BE MADE WITH ITEM 203.07 TO THE BOTTOM OF TEMPORARY PAVEMENT, OR TO THE BOTTOM OF SUBBASE.
2. SLOPE SHEETING & BRACING PER OSHA, SPECIFICATION. TRENCH SHIELD OR SHEETING TO BE LIFTED ABOVE THE SPRING LINE.
3. WHERE STORM SEWER CROSSED PREVIOUSLY INSTALLED STORM SEWER, WATER OR GAS MAIN, ETC. TRENCH SHALL BE EXCAVATED DOWN TO THE PREVIOUSLY LAID UTILITY AND BACKFILL WITH #2 CRUSHED STONE COMPACTED IN 6" LIFTS TO INSURE ADEQUATE SUPPORT.
4. 6" STONE BEDDING, CONSISTING OF A BLENDING OF #1 AND #2 STONE, IS REQUIREED FOR SANITARY AND STORM SEWER INSTALLATIONS WITH CRUSHED STONE HAUNCHING TO A MINIMUM OF ONE-HALF OF THE PIPE DIAMETER ON THE SIDE OF THE PIPE. PAYMENT TO BE INCLUDED UNDER ITEM 203.07 SELECT GRANULAR FILL.
5. WHERE DRAIN LINE CROSSES PREVIOUSLY INSTALLED SANITARY SEWER, WATER OR GAS MAIN, ETC. TRENCH SHALL BE EXCAVATED DOWN TO THE PREVIOUSLY LAID CONDUIT AND BACKFILLED WITH COMPACTED #2 CRUSHER RUN STONE TO INSURE ADEQUATE SUPPORT.

STORM SEWER TRENCH IN PAVED AREA — 12 / CD-5
NOT TO SCALE

COUNTY / STATE DOT
Details ??
Use CITY DETAILS !!



PLAN

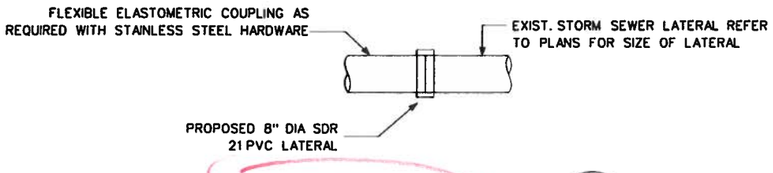


ELEVATION

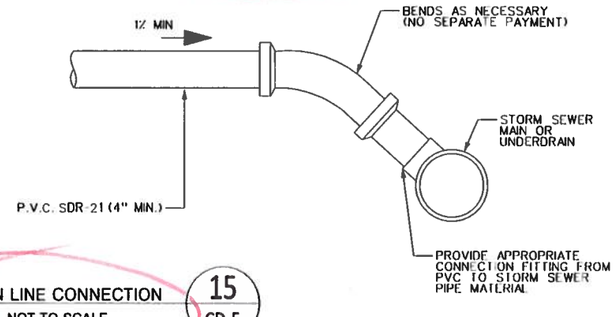
NOTES:

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

TRENCH AND BACKFILL LIMIT LINES FOR CATCH BASINS — 13 / CD-5
NOT TO SCALE



NEW TO EXISTING LATERAL CONNECTION — 14 / CD-5
NOT TO SCALE



DRAIN LINE CONNECTION — 15 / CD-5
NOT TO SCALE

90% PLANS
APRIL 16, 2014

DATE: APR. 2014
SCALE:
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

REVISIONS

NO.	DATE	DESCRIPTION	BY

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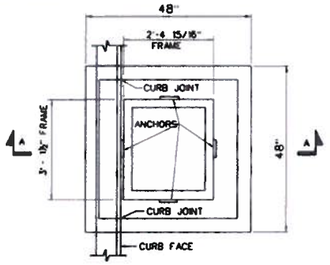
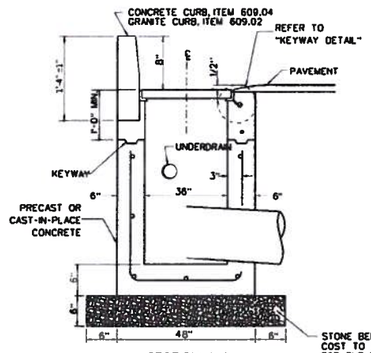
DRAWING NO.
CD-5
SHEET 15 OF 47
KCI JOB NUMBER
22134062

PLOTTED BY: KATHY BUSCHMANN
DATE: 4/16/2014



PLAN



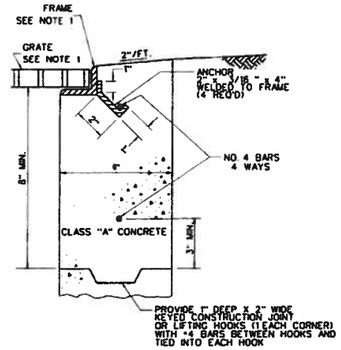
SECTION A-A

NOTES:

1. REFER TO RECTANGULAR FRAME AND GRATE ASSEMBLY DETAIL ON THIS DWG
2. REINFORCEMENT SHALL HAVE A COVER OF 2" UNLESS OTHERWISE SHOWN. THE COST OF ALL BAR REINFORCEMENT SHALL BE INCLUDED IN THE PRICE BID FOR DROP INLETS. ALL BAR REINFORCEMENT IN THE PRE CAST STRUCTURE SHALL BE ACCORDING TO NYSDOT STANDARD SHEET 604-5.
3. ALL CONCRETE FOR DROP INLETS SHALL BE CLASS "A". BENCHES SHALL BE CAST-IN-PLACE COST TO BE INCLUDED IN DROP INLET ITEM.
4. FILL WITH CEMENT MORTAR AND SEAL WITH ASPHALT EMULSION TACK COAT BETWEEN FRAME AND CURB. PAYMENT SHALL BE INCLUDED IN APPROPRIATE CURB ITEM.
5. EXTERIORS OF ALL DROP INLETS TO BE COATED WITH TWO COATS OF HIGH BUILD COAL TAR PAINT. AFTER INSTALLATION IS COMPLETE AND THE BENCH IS INSTALLED, THE INTERIOR OF ALL DROP INLETS SHALL BE COATED WITH TWO COATS OF EPOXY RESIN DAMP PROOFING.
6. ALL PIPE CONNECTION TO STRUCTURE SHALL BE SEALED WITH 100% MORTAR.
7. REFER TO FRAME AND GRATE ANCHOR DETAIL
8. STEPS WILL NOT BE ALLOWED.

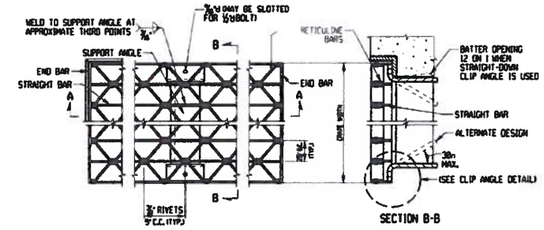
DROP INLET TYPE "S" PRECAST AGAINST CURB — 16 / CD-6

NOT TO SCALE



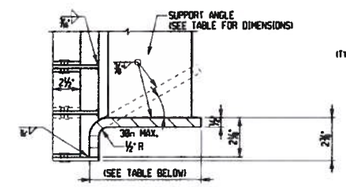
KEYWAY DETAIL

are these NYSDOT/county details?? use city details!! R604 & S604 details

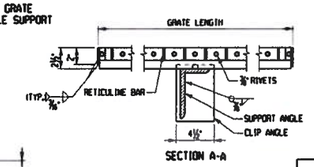


SECTION B-B

RETICULINE GRATE WITH CLIP ANGLE SUPPORT



CLIP ANGLE DETAIL



SECTION A-A

SUPPORT AND CLIP ANGLE DIMENSIONS						
GRATE	SUPPORT ANGLES			CLIP ANGLES		
NO.	NO.	SIZE	LENGTH	NO.	SIZE	LENGTH
11	1	8" x 3½" x ½"	22"	2	7" x 2" x ½"	4½"

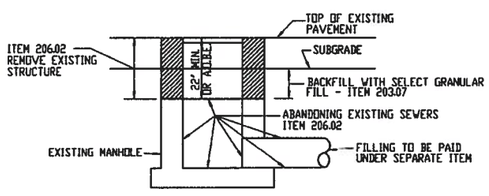
TABLE OF GRATE DIMENSIONS AND MASSES							
GRATE NO.	OUTSIDE WIDTH x LENGTH	LONGITUDINAL STRAIGHT BARS 2½" x ⅜"		RETICULINE BARS 1½" x ⅜"	END BARS G3 2" x ½"		APPROX. MASS LB.
		NO.	LENGTH	NO.	LENGTH	LENGTH	
11	27 15/16" x 30½"	12	36"	11	51⅝"	27 15/16"	147

NOTES:

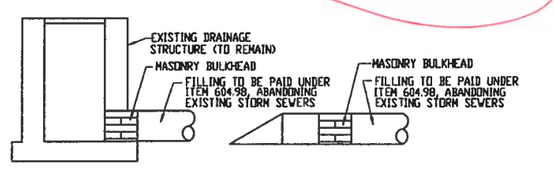
1. GRATES ARE DESIGNED FOR 16 KIP WHEEL LOAD HS 20 LOADING.
2. CLIP ANGLES SHALL BE CUT FROM STANDARD ASTM A6 ANGLES OR FORMED FROM A 4½" x ½" BAR. THE ALTERNATE DESIGN SHALL BE FORMED FROM A 4½" x ½" BAR.
3. GRATE SHALL BE GROUND TO FIT FILLETS IN FRAME ANGLES OR CASTINGS.
4. WELDS ON OUTSIDE OF GRATE SHALL BE GROUND SMOOTH.
5. WELDS AND ADJACENT AREAS SHALL BE SAND OR SHOT BLASTED BEFORE GALVANIZING IN ORDER TO REMOVE ALL SCALE, RUST, SLAG AND SPLATTER, ETC.
6. GRATES SHALL BE HOT-DIP GALVANIZED AFTER ALL FABRICATION, GRINDING, TAPPING AND CLEANING HAVE BEEN COMPLETED.
7. GRATE SHALL BE BOLTED TO WELDED FRAME WITH TWO BOLTS AND WASHERS, ONE ON EACH SIDE. GRATE SHALL BE BOLTED TO CAST FRAME WITH FOUR ½" x 2½" LONG BOLTS AND WASHERS, ONE IN EACH CORNER. BOLTS AND WASHERS SHALL BE CORROSION RESISTANT NICKEL METAL OR TYPE 316 STAINLESS STEEL AND FURNISHED BY THE FRAME MANUFACTURER.
8. LONGITUDINAL BARS FOR G1, G2, AND G3 SHALL CONFORM TO THE REQUIREMENTS OF ASTM A681 GRADE 5B.
9. SPACER BARS SHALL HAVE FILLET AND BEAD WELDS TO BE PLACED MIDWAY BETWEEN RIVETS.
10. PROVIDE IN ACCORDANCE WITH NYSDOT STANDARD SHEET 655-04

RECTANGULAR FRAME AND GRATE ASSEMBLY — 17 / CD-6

NOT TO SCALE



PLUGGING ABANDONED STORM MANHOLE



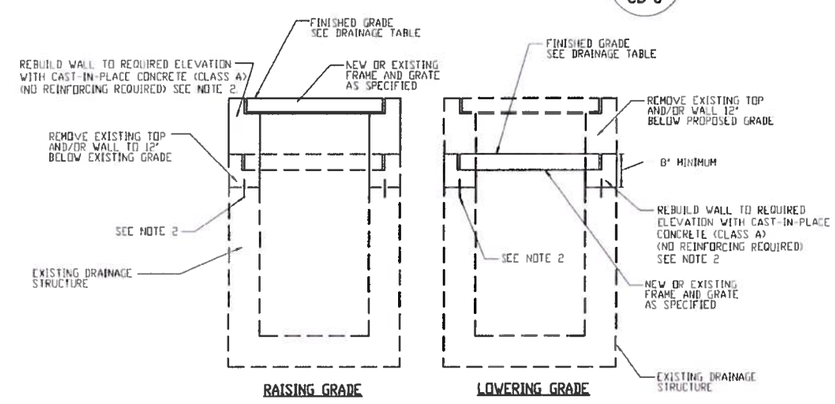
PLUGGING ABANDONED PIPE

NOTES:

1. EXCAVATION FOR REMOVAL OF EXISTING DRAINAGE STRUCTURE TO BE PAID FOR UNDER ITEM 206.02 - TRENCH AND CULVERT EXCAVATION.
2. REMOVE TOP AND SIDES OF EXISTING STRUCTURE TO A DEPTH OF 22" MINIMUM OR A.D.B.E. BELOW THE TOP OF THE EXISTING GRADE.

ABANDON EXISTING STORM SEWER — 18 / CD-6

NOT TO SCALE



RAISING GRADE — LOWERING GRADE

NOTES:

1. INTERIOR (AND EXTERIOR WHERE APPLICABLE) OF REBUILT WALLS SHALL BE COATED WITH TWO COATS OF EPOXY RESIN DAMP PROOFING
2. DRILL AND GROUT #5 BAR DOWELS, 3 PER SIDE MINIMUM, WITH 6" MINIMUM EMBEDMENT INTO OLD AND NEW CONCRETE. ALL EXISTING CONCRETE SURFACES THAT WILL BE IN CONTACT WITH NEW CONCRETE SHALL BE COATED WITH EPOXY POLYSULFIDE GROUT PER NYSDOT SPECIFICATIONS 721-03. COST OF THIS WORK TO BE INCLUDED IN THE PRICE BID FOR ITEM 604.07/0401.
3. THE UNIT PRICE BID SHALL INCLUDE THE COST OF: REMOVAL AND RESETTING OF THE FRAME, CLEANING EXISTING CATCH BASIN OR MANHOLE, DISPOSING ALL DEBRIS, EXCAVATION AND BACKFILL, AND FURNISHING ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY TO COMPLETE THE WORK.

ALTER EXISTING DRAINAGE STRUCTURES — 19 / CD-6

NOT TO SCALE

90% PLANS
APRIL 16, 2014

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE:
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

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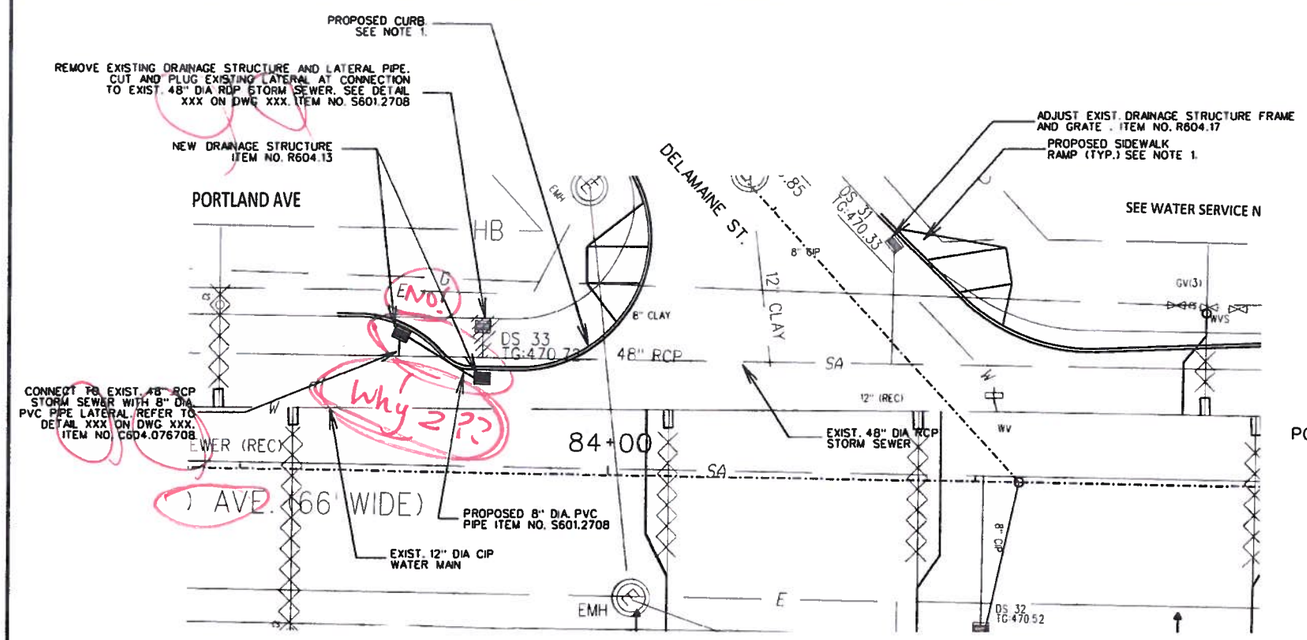
TELEPHONE (585) 341-4234
FAX (585) 341-4238
ISO 9001:2008 CERTIFIED

DRAWING NO
CD-6
SHEET 16 OF 47
KCI JOB NUMBER
22134062

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



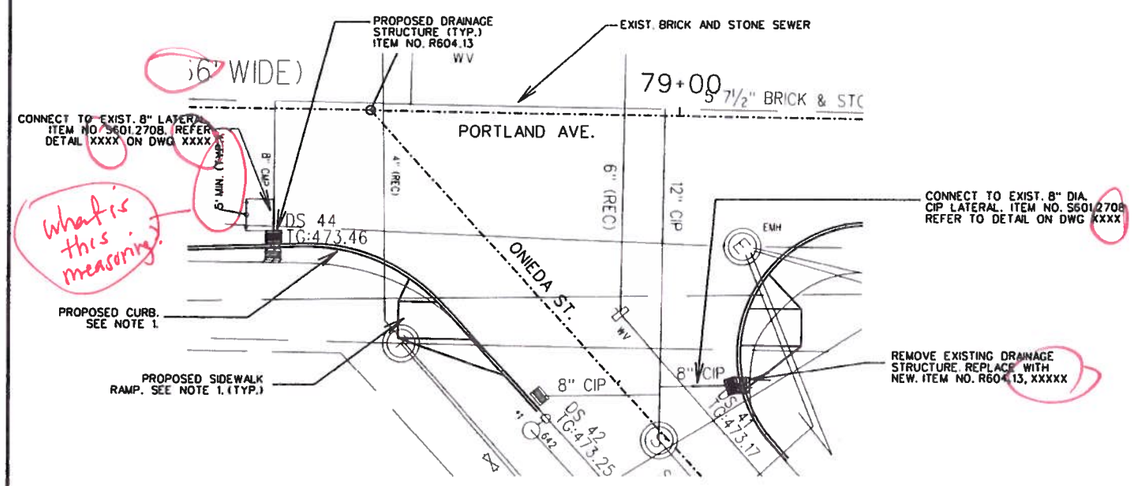
PARTIAL PLAN 1 — 20 / CD-7

SCALE: 1" = 10'

NOTES:

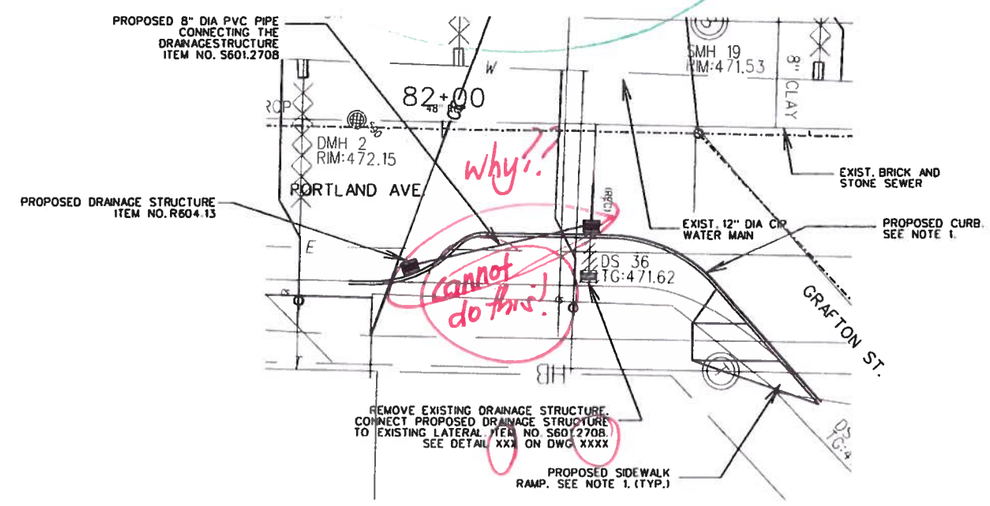
1. REFER TO DWG. CD-9 FOR STREET IMPROVEMENT DETAILS

Need more info from County Pure Waters these designs are ok!



PARTIAL PLAN 2 — 21 / CD-7

SCALE: 1" = 10'



PARTIAL PLAN 3 — 22 / CD-7

SCALE: 1" = 10'

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE:
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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100 CHESTNUT STREET
SUITE 1110
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TELEPHONE: (585) 340-0234
FAX: (585) 340-0238

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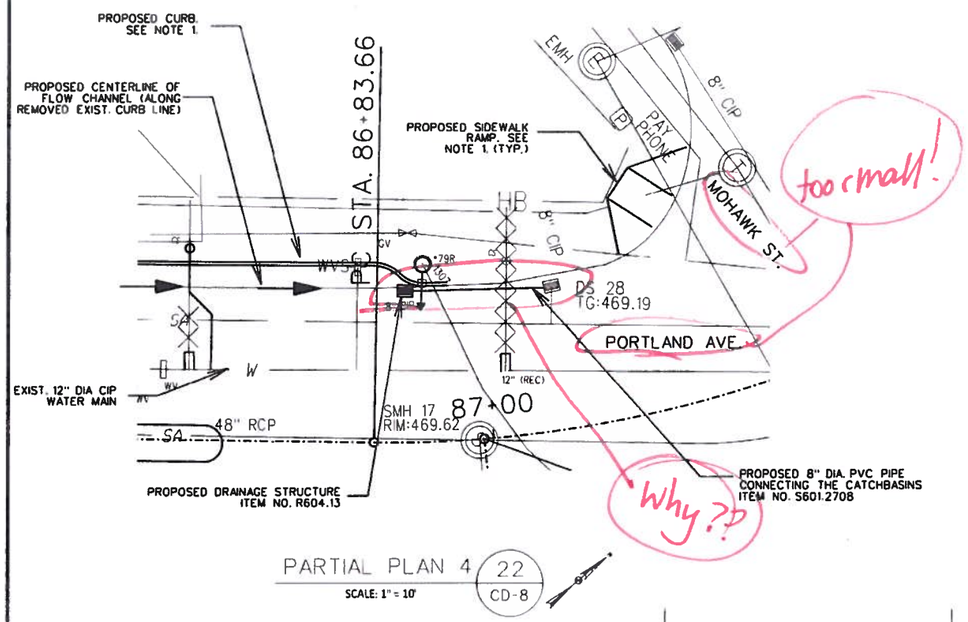
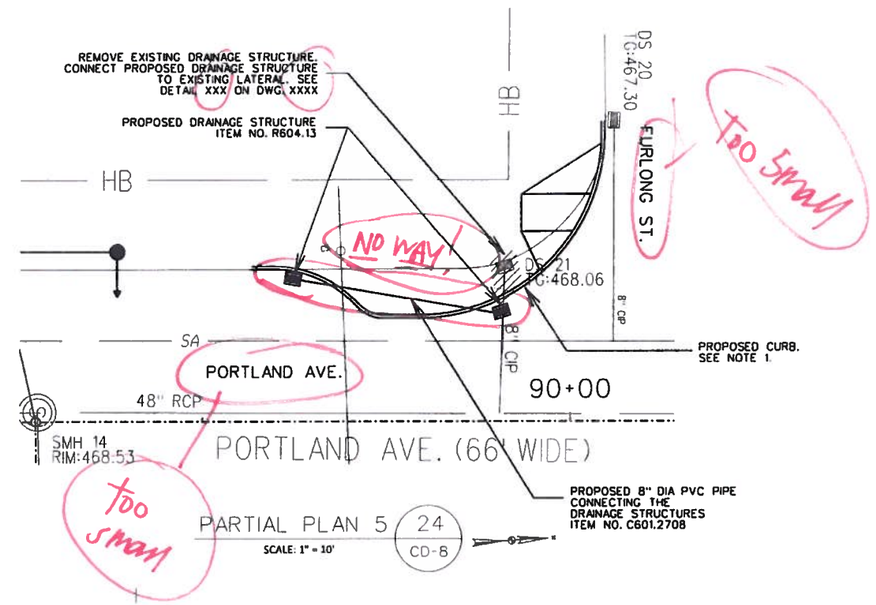
DRAWING NO. CD-?

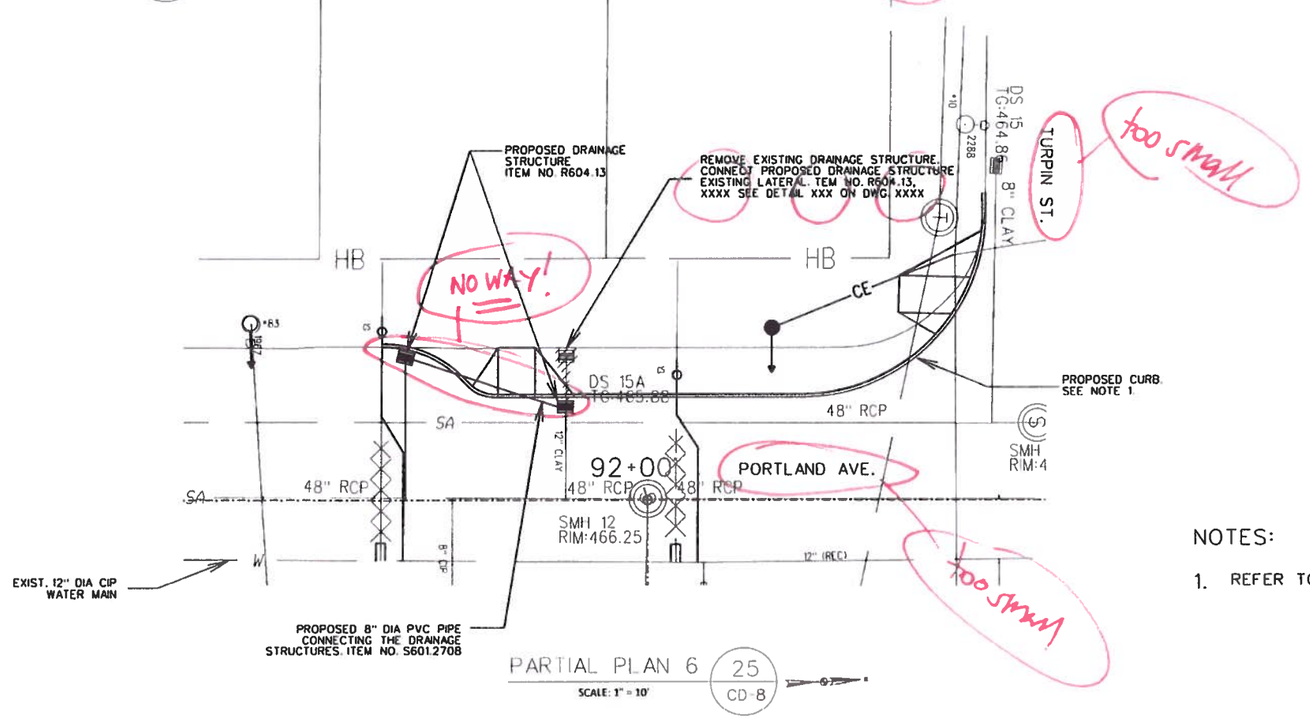
SHEET 17 OF 47

KCI JOB NUMBER 2014067

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







NOTES:

1. REFER TO DWG. CD-9 FOR STREET IMPROVEMENT DETAILS

NO.	DATE	REVISIONS DESCRIPTION	BY

DATE: APR. 2014
SCALE:
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

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PORTLAND AVENUE REVITALIZATION

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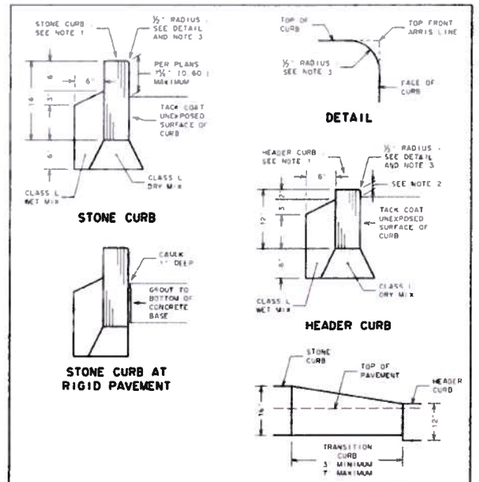
DRAWING NO. CD-?
SHEET 18 OF 47
KCI JOB NUMBER 22134062

PLOTTED $DATE$
BY: $USERNAME$
SC: 1" = 10'

90% PLANS
APRIL 16, 2014



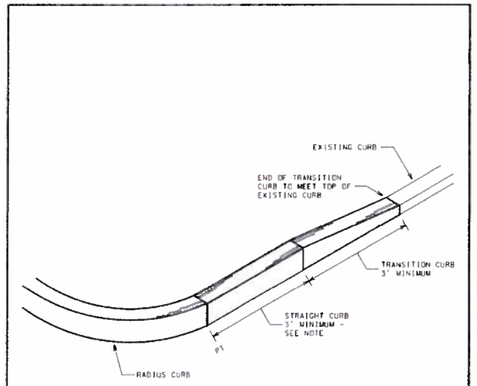
NOTES:

1. CURB THICKNESS IS TO BE 5 INCHES, OR AS REQUIRED IN CONTRACT DOCUMENTS.
2. CURB REVEAL FOR HEADER CURB AT DRIVEWAY APRONS IS 1½ INCHES, AT SIDEWALK ACCESS RAMPS 0 INCHES.
3. HEADER CURB USED FOR SIDEWALK ACCESS RAMPS IS NOT TO BE ROUNDED.

CITY OF ROCHESTER

STONE CURB

ISSUED	9-2-91	STANDARD
REVISED	12-30-11	DWG.NO.R609-1



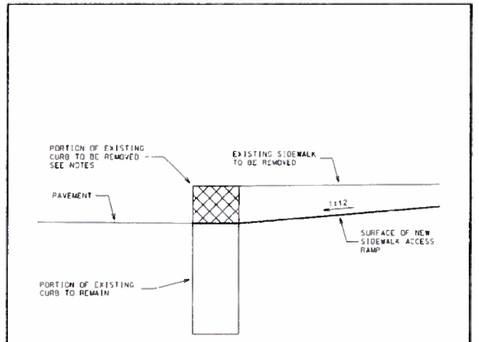
NOTE:

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

CITY OF ROCHESTER

NEW CURB TRANSITION TO EXISTING CURB

ISSUED	9-2-91	STANDARD
REVISED	12-30-11	DWG.NO.R609-7



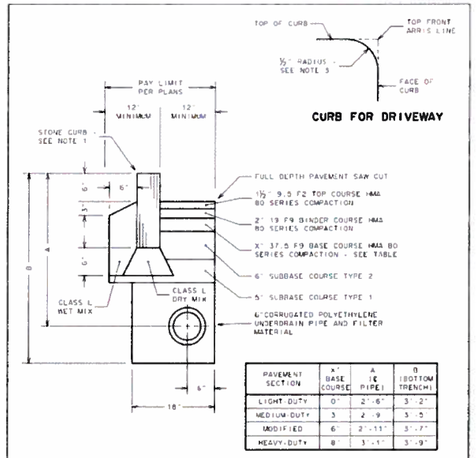
NOTES:

1. RESHAPE TOP OF EXISTING CURB BY SAW CUTTING HORIZONTALLY WITH POWER SAW. SAW CUT FULL WIDTH OF CURB, ALONG NEAT STRAIGHT LINES.
2. TOP OF CURB IS TO BE SAW CUT EITHER FLAT ACROSS OR ON 1:12 SLOPE, PROVIDING SMOOTH TRANSITION BETWEEN EDGE OF PAVEMENT AND SIDEWALK ACCESS RAMP, WITH 0 INCH CURB REVEAL.
3. TOP OF CURB IS TO BE MILLED OR GROUND FINISHED TO SMOOTH SURFACE FREE FROM BURRS, NICKS OR OTHER MARKINGS OR DAMAGE FROM SAW CUTTING OPERATION.
4. CURB JOINTS ARE TO BE RE-POINTED WITH MASONRY MORTAR MIX.

CITY OF ROCHESTER

MODIFY EXISTING CURB

ISSUED	4-1-95	NON-STANDARD
REVISED	12-30-11	DWG.NO.S609-9



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

NOTES:

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

CITY OF ROCHESTER

STONE CURB REPLACEMENT - ASPHALT BASE

ISSUED	12-30-11	NON-STANDARD
REVISED	2-25-14	DWG.NO.S609-16

SALVAGED CURB INVENTORY SHEET

PROJECT _____ PIN _____

CONTRACTOR _____

RECEIVED BY _____ DATE _____

STORAGE LOCATION _____

CURB WIDTH _____ IN CURB TYPE _____

STRAIGHT _____ LF TOTAL LINEAR FEET DELIVERED _____

TRANSITION _____ LF

HEADER _____ LF

RADIUS (INCLUDING TRANSITION AND HEADER)

RADIUS = _____ FT LENGTH _____ LF

RADIUS = _____ FT LENGTH _____ LF

RADIUS = _____ FT LENGTH _____ LF

NOTE:

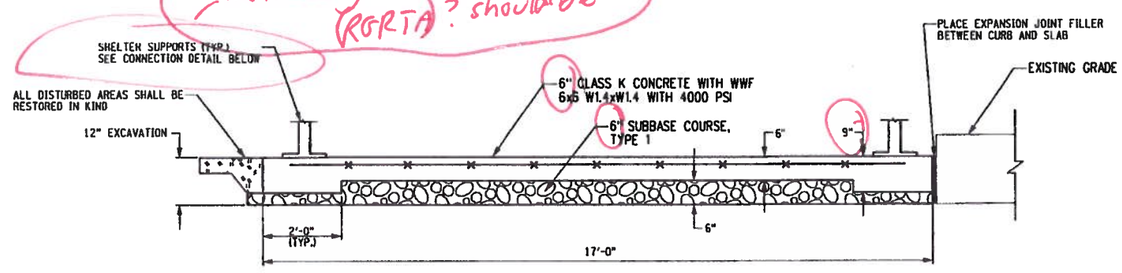
SUPPLY ONE (1) COPY OF EACH COMPLETED INVENTORY SHEET TO RESIDENT ENGINEER, STREET MAINTENANCE AND STREET DESIGN SECTION.

CITY OF ROCHESTER

SALVAGED CURB INVENTORY SHEET

ISSUED	9-2-91	STANDARD
REVISED	12-30-11	DWG.NO.R609-8

ins talled by others? (RGRTA)? should be

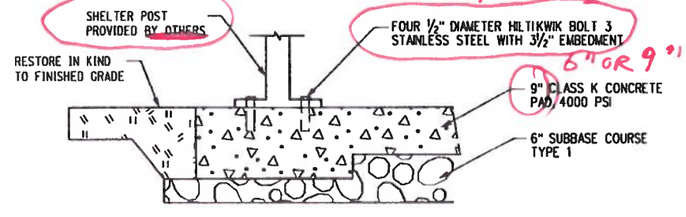


CONCRETE BUS SHELTER PAD

NOT TO SCALE

ok

by others!



TYPICAL CONNECTION DETAIL

can you use another existing city detail for this pad?

NO.	DATE	DESCRIPTION	BY

REVISIONS

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AMW
DRAWN BY: KLO

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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ISO 9001:2008 CERTIFIED

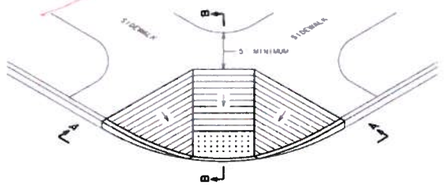
DRAWING NO. CD-[?]
SHEET 19 OF 42
KCI JOB NUMBER 22134062

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

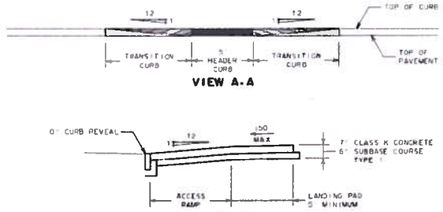
A B C D E F G H I
R608-1,2,3,4 ; S608-13,14,15,16 ; S608-38

(*) there are 9 different types of ramps - be certain all that apply are included in the details

90% PLANS
APRIL 16, 2014



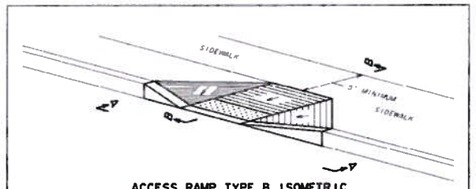
ACCESS RAMP TYPE A ISOMETRIC



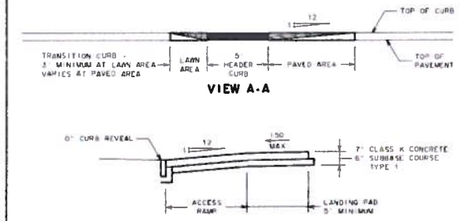
NOTES:

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



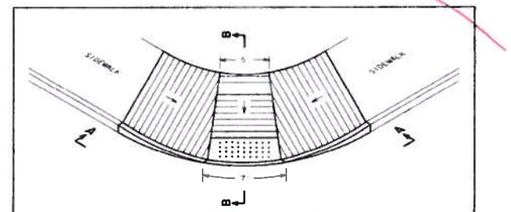
ACCESS RAMP TYPE B ISOMETRIC



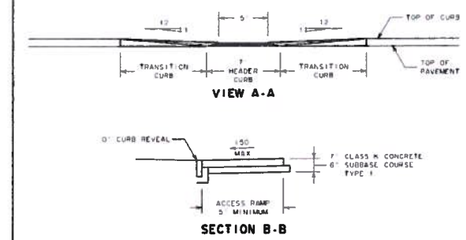
NOTES:

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

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



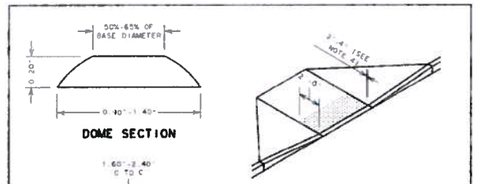
ACCESS RAMP TYPE F ISOMETRIC

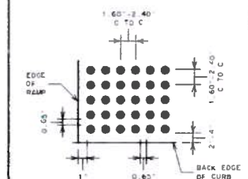


NOTES:

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

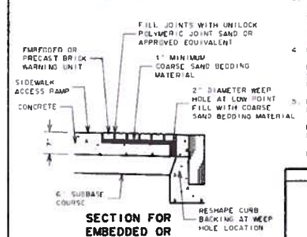
CITY OF ROCHESTER		
SIDEWALK ACCESS RAMP TYPE F		
ISSUED 5-21-94	NON-STANDARD	
REVISED 5-1-13	DWG.NO.S608-14	



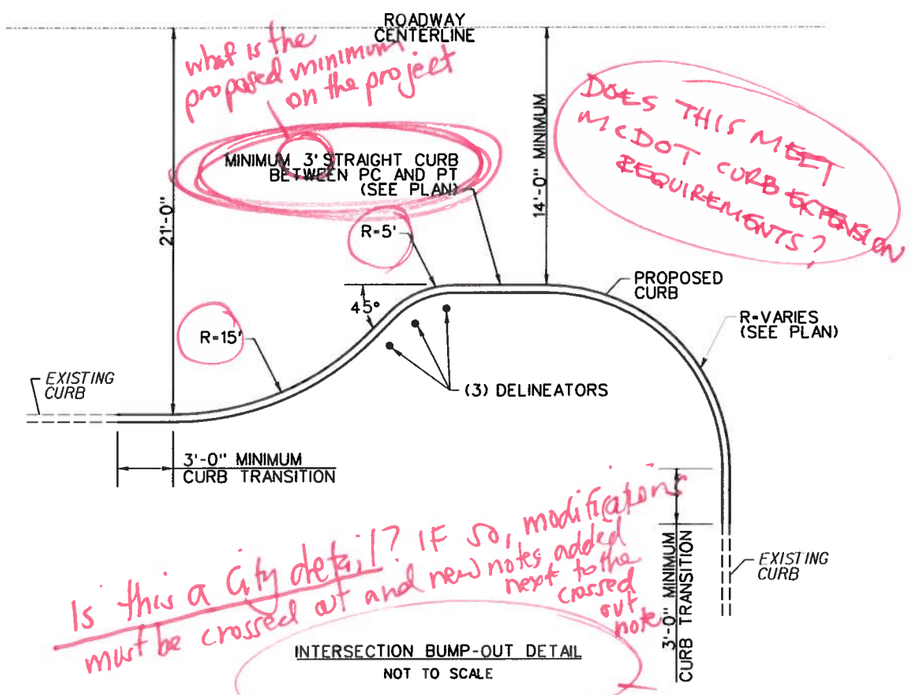


NOTES:

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

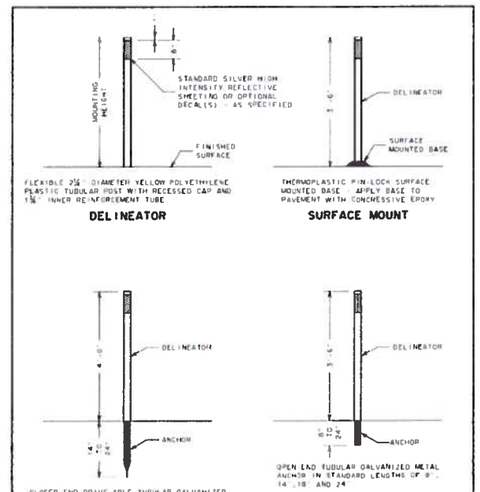


CITY OF ROCHESTER		
DETECTABLE WARNING SYSTEM AT CURB		
ISSUED 1-23-03	NON-STANDARD	
REVISED 5-1-13	DWG.NO.S608-2B	



Is this a City detail? IF SO, modifications must be crossed out and new notes added next to the crossed out note?

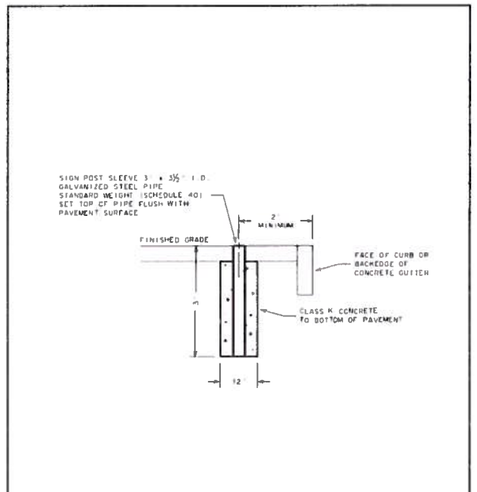
INTERSECTION BUMP-OUT DETAIL
NOT TO SCALE



NOTE:

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

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



NOTE:

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

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AMW
DRAWN BY: KLO

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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100 CHESTNUT STREET
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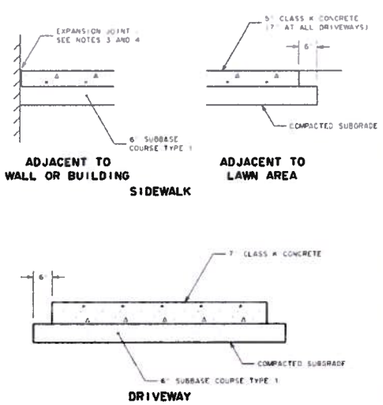
ROCHESTER, NY 14604
TELEPHONE: (585) 341-4234
FAX: (585) 341-4238

ISO 9001:2008 CERTIFIED

DRAWING NO.
CD-1
SHEET 20 OF 47
KCI JOB NUMBER
22134062

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

90% PLANS
APRIL 16, 2014



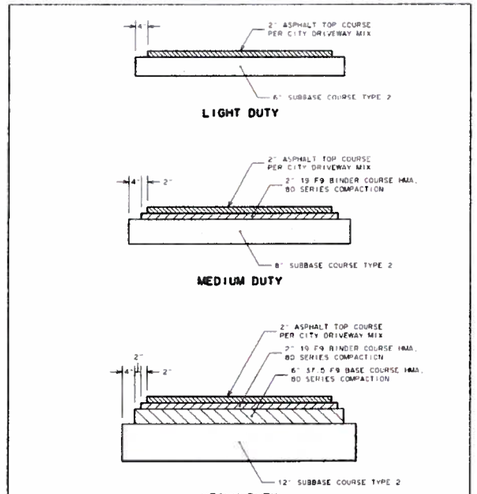
NOTES:

1. MAXIMUM CROSS-SLOPE OF CONCRETE SIDEWALK IS 1:50.
2. ENTIRE AREA OF SIDEWALK ACCESS RAMP AND LANDING PAD IS TO BE 7 INCH THICK CONCRETE.
3. PROVIDE ½ INCH WIDE EXPANSION JOINT BETWEEN NEW CONCRETE CONSTRUCTION AND BACK EDGE CURB, CONCRETE GUTTER, OTHER PAVED AREAS, BUILDINGS, WALLS, POLE BASES AND OTHER STRUCTURES/APPURTENANCES.
4. FOR EXPANSION JOINT USE ½ INCH WIDE PREMOULDED EXPANSION JOINT MATERIAL, SEALED WITH ½ INCH WIDE CAULKING SEALANT ⅜ INCH DEEP.
5. SEE DETAILS S608-25 FOR HEAVY-DUTY COMMERCIAL DRIVEWAY PAVEMENT SECTION.

CITY OF ROCHESTER

CONCRETE SIDEWALK AND DRIVEWAY

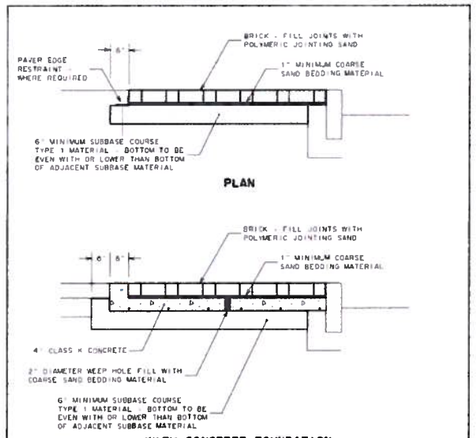
ISSUED	9-2-91	STANDARD
REVISED	5-1-13	DWG.NO.R608-6



CITY OF ROCHESTER

ASPHALT DRIVEWAY

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



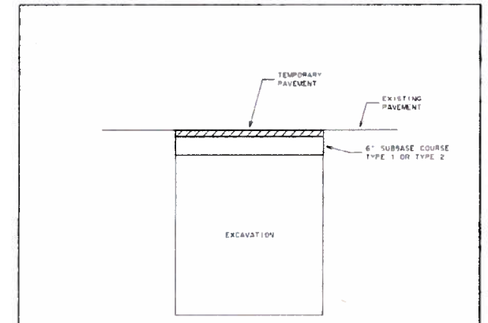
NOTES:

1. MAXIMUM CROSS-SLOPE OF BRICK SIDEWALK IS 1:50.
2. PROVIDE ½ INCH WIDE EXPANSION JOINT BETWEEN NEW BRICK CONSTRUCTION AND BACK EDGE CURB, CONCRETE GUTTER, OTHER PAVED AREAS, BUILDINGS, WALLS, POLE BASES AND OTHER STRUCTURES/APPURTENANCES.
3. FOR EXPANSION JOINT USE ½ INCH WIDE PREMOULDED EXPANSION JOINT MATERIAL, SEALED WITH ½ INCH WIDE CAULKING SEALANT ⅜ INCH DEEP.
4. WEEP HOLES ARE TO BE INSTALLED FOR EVERY 100 SQUARE FEET OF BRICK AREA AND AT ALL LOW POINTS.

CITY OF ROCHESTER

BRICK

ISSUED	9-2-91	STANDARD
REVISED	5-1-13	DWG.NO.R608-8



NOTES:

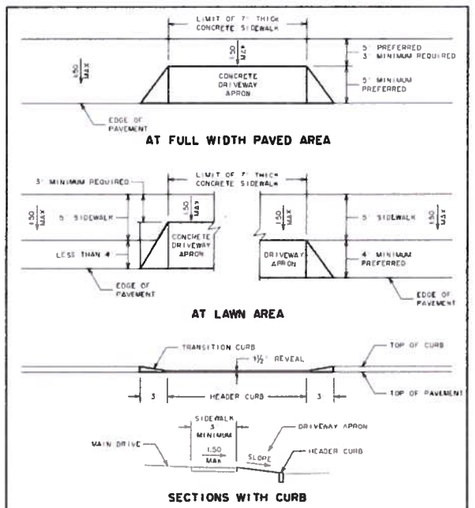
1. TEMPORARY PAVEMENT MATERIAL IS TO BE 2 INCHES TYPE 19.F9 BINDER COURSE HMA 80 SERIES COMPACTION, OR RECYCLED ASPHALT. ASPHALT COLD PATCH AND UNTREATED MILLING MATERIALS ARE NOT ACCEPTABLE FOR USE AS TEMPORARY PAVEMENT.
2. DURING WINTER SEASON (NOVEMBER 1 THRU APRIL 14), IF HMA MATERIAL IS NOT AVAILABLE,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

CITY OF ROCHESTER

TEMPORARY PAVEMENT

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

(*) estimate should assume approx. 4' of pavement replacement @ the back of each new driveway apron



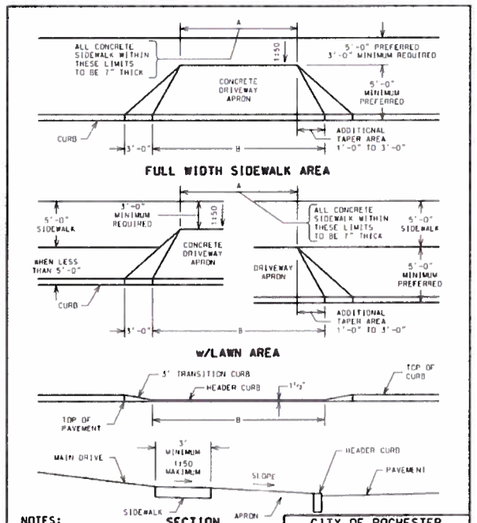
NOTES:

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

CITY OF ROCHESTER

DRIVEWAY APRON

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



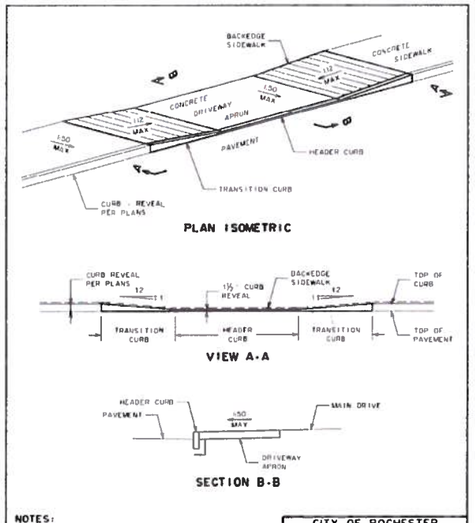
NOTES:

1. DIMENSIONS "A" AND "B" WILL BE AS APPROVED BY THE CITY.
2. FOR RESIDENTIAL DRIVEWAYS "A" WILL BE 10 FEET MINIMUM AND 15 FEET MAXIMUM. FOR COMMERCIAL DRIVEWAYS "A" WILL BE 24 FEET MAXIMUM.
3. DIMENSION "B" WILL BE DIMENSION "A" PLUS 1 FOOT TO 5 FEET ADDITIONAL TAPER, EACH SIDE.

CITY OF ROCHESTER

DRIVEWAY APRON WITH FLARE

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



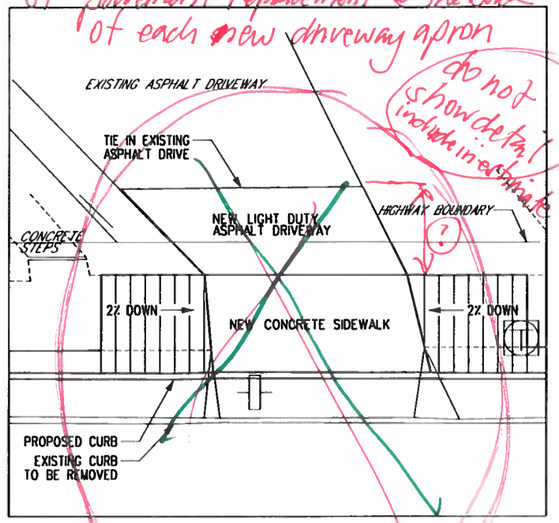
NOTES:

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

CITY OF ROCHESTER

DEPRESSED SIDEWALK AND DRIVEWAY - ATTACHED SIDEWALK

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



do not show detail include in estimate

1025 PORTLAND AVENUE
DRIVEWAY LAYOUT
NOT TO SCALE

DATE: APR. 2014	SCALE: NTS	DESIGNED BY: AMW	DRAWN BY: KLO

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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KCI
ENGINEERING OF NY
ENGINEERS-PLANNERS-SCIENTISTS
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100 CHESTNUT STREET
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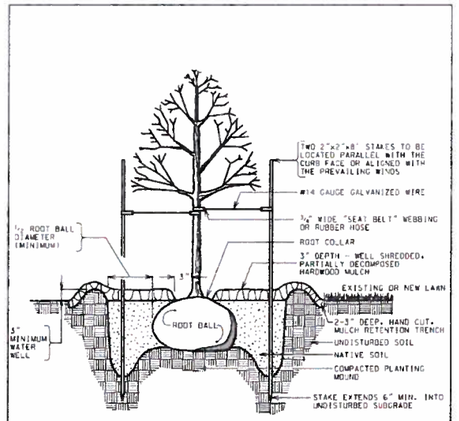
FAX: (585) 341-4238

ISO 9001:2008 CERTIFIED

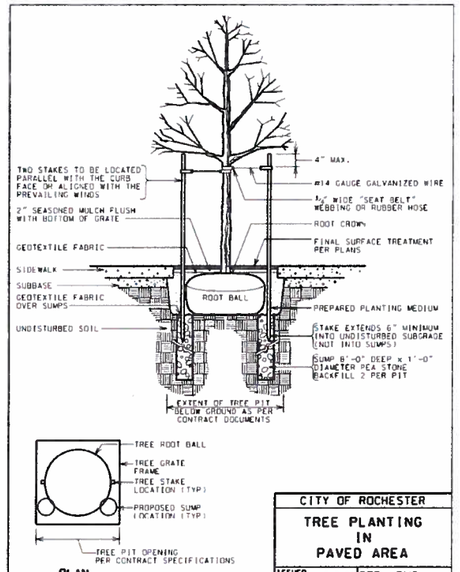
DRAWING NO.
CD-11
SHEET 71 OF 47
KCI JOB NUMBER
22134062

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

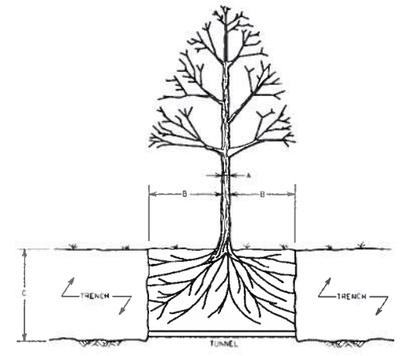
90% PLANS
APRIL 16, 2014



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



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

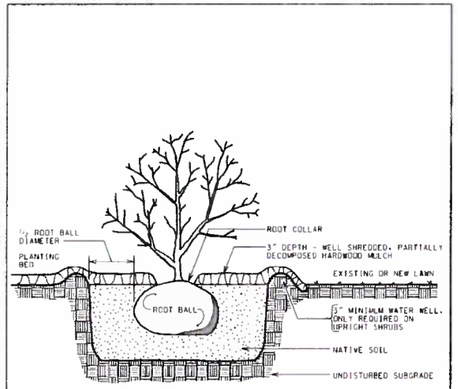


TREE DIAMETER "A" (DBH)	DISTANCE OF TUNNEL AND FENCING FROM FACE OF TREE TRUNK EACH SIDE "B"	RECOMMENDED DEPTH OF TUNNEL OR TRENCH "C"
LESS THAN 10"	6'	2½'
10" - 14"	10'	3'
15" - 19"	12'	3½'
20" OR MORE	15'	4'

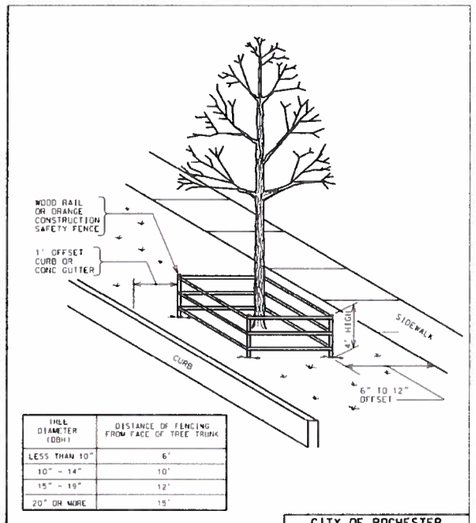
NOTES:

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

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



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

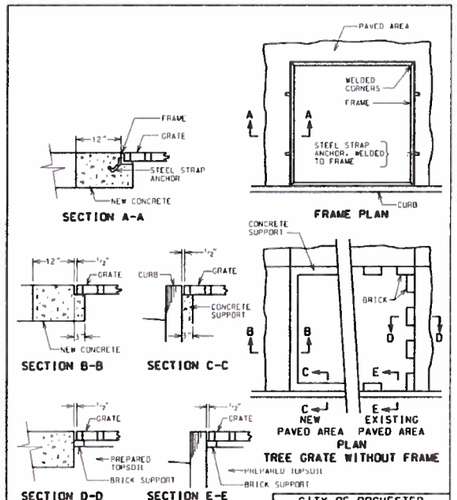


TREE DIAMETER (DBH)	DISTANCE OF FENCING FROM FACE OF TREE TRUNK
LESS THAN 10"	6'
10" - 14"	10'
15" - 19"	12'
20" OR MORE	15'

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.

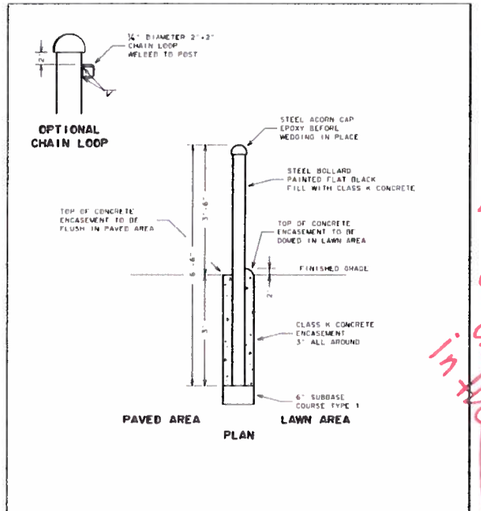
CITY OF ROCHESTER
TREE PROTECTION
ISSUED 11-20-92 REVISED 7-1-93 NON-STANDARD DWG.NO.S617-1



NOTES:

1. SIZE AND TYPE OF GRATE WILL BE AS NOTED ON PLANS.
2. GRATE TO BE SHOP COATED WITH BLACK FLAT RUSTOLEUM OR APPROVED EQUIVALENT.

CITY OF ROCHESTER
TREE FRAME AND GRATE
ISSUED 9-2-91 REVISED 9-2-04 STD. DWG. NO. R616-1



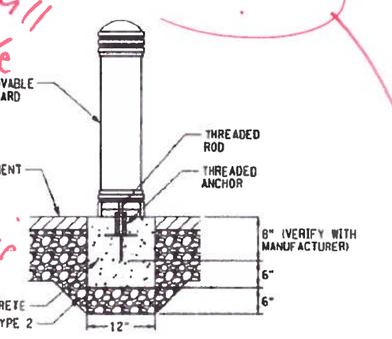
NOTE:

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

CITY OF ROCHESTER
STEEL BOLLARD
ISSUED 9-2-91 REVISED 7-31-12 STANDARD DWG.NO.R615-1

need to verify these will not impede on snow plow operations on sidewalks and in the road!

spec for this?



NOTES:

1. BOLLARD SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATION.

ITEM S615.99 - DECORATIVE METAL BOLLARD (REMOVABLE)

Bollards need to be set a minimum 3' from face of curb and must allow 5' passage in ROW for snowplows (Face to face)

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AMW
DRAWN BY: KLO

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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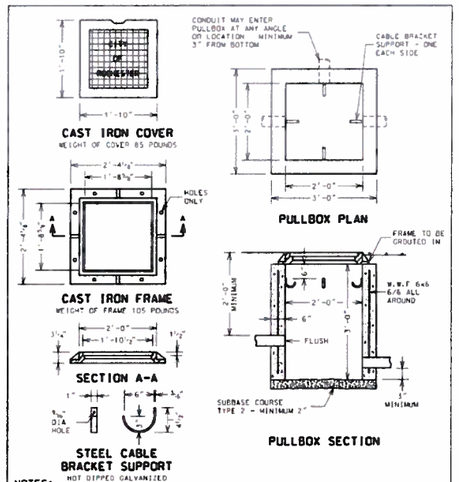
ISO 9001:2008 CERTIFIED

DRAWING NO.
CD-1P
SHEET 22 OF 47
KCI JOB NUMBER
22134062

PLOTTED: 8DATES
BY: 4-SCRNAMES
C.E. 8F.S4

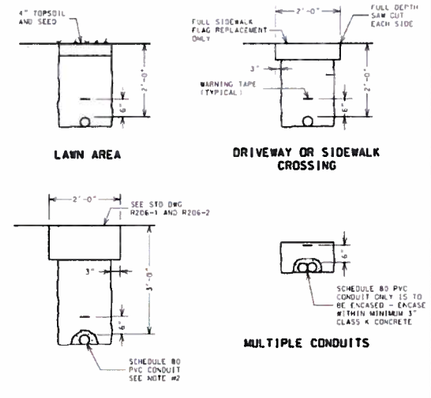
90% PLANS
APRIL 16, 2014



NOTES:

1. PULLBOX IS TO BE MADE OF CAST-IN-PLACE OR PRECAST CLASS K CONCRETE.
2. FRAME AND COVER ARE TO BE GRAY CAST IRON PER ASTM A48 CLASS 30 IN CONFORMANCE WITH THE REQUIREMENTS OF NYSDOT SECTION 715-05.
3. SIZE OF LETTERS TO BE 2 INCH.
4. TOP OF PULLBOX TO BE SET FLUSH IN PAVED AREA AND 1 INCH ABOVE GRADE IN LAWN AREA.

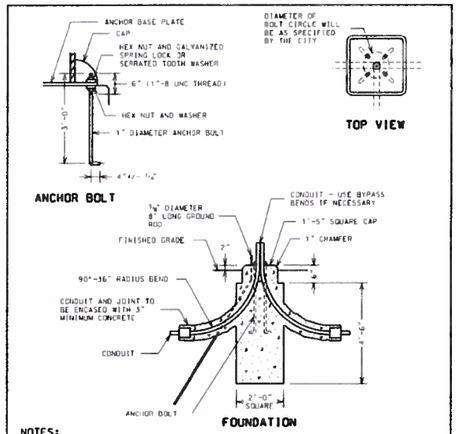
CITY OF ROCHESTER	
CONCRETE PULLBOX (24 INCH)	
ISSUED 9-2-91	STD. DWG.
REVISED 4-28-06	NO. R671-2



NOTES:

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

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

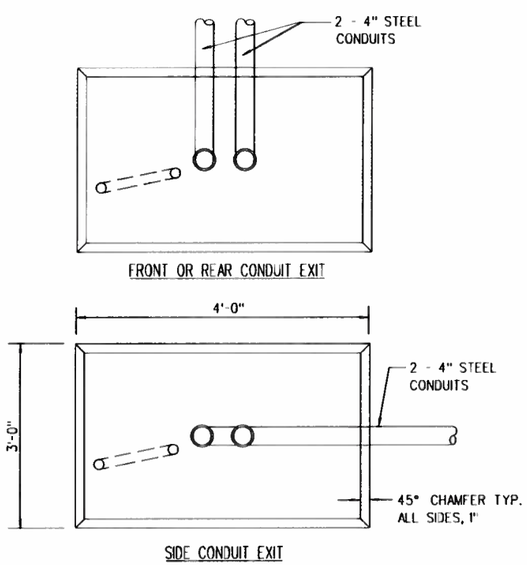


NOTES:

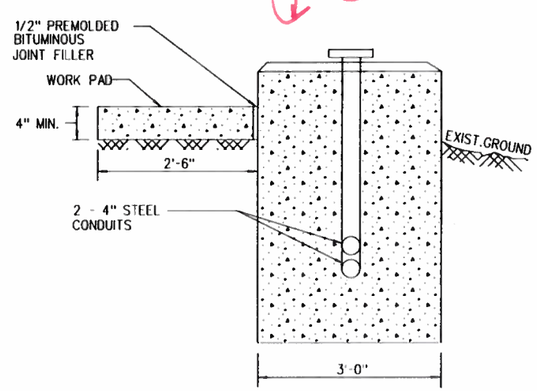
1. FOUNDATION TO BE MADE OF CLASS K CONCRETE. TOP OF FOUNDATION TO BE 2 INCHES ABOVE FINISHED GRADE.
2. GROUND ROD TO BE DRIVEN INTO UNDISTURBED EARTH ADJACENT TO FOUNDATION AND BENT INTO FOUNDATION TOP. TOP OF GROUND ROD TO EXTEND 4 INCHES ABOVE TOP OF FOUNDATION.
3. ANCHOR BOLTS TO BE IN ACCORDANCE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

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

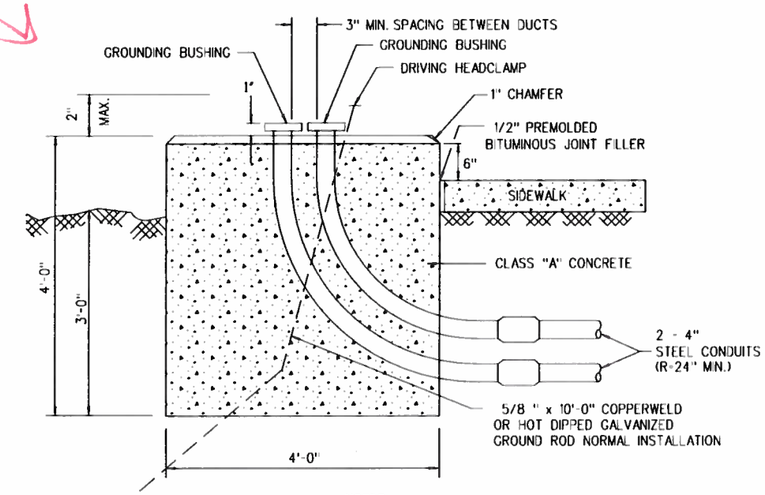
County traffic details ? okay if so...



CONCRETE CONTROLLER BASE - CONDUIT EXITS
NOT TO SCALE



CONCRETE BASE FOR CONTROLLER - VIEW A
NOT TO SCALE



NOTES:

1. IN UNPAVED AREAS A CONCRETE WORK PAD SHALL BE PLACED IN FRONT OF THE CABINET DOOR.

CONCRETE BASE FOR CONTROLLER - VIEW B
NOT TO SCALE

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AMW
DRAWN BY: KLO

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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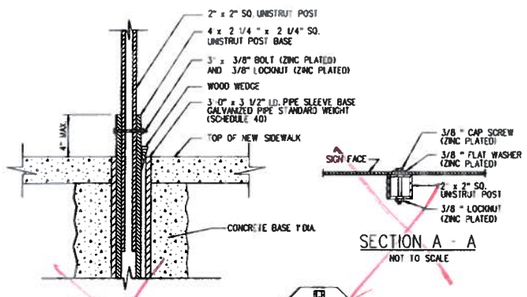
FAX: (585) 341-4238

ISO 9001:2000 CERTIFIED

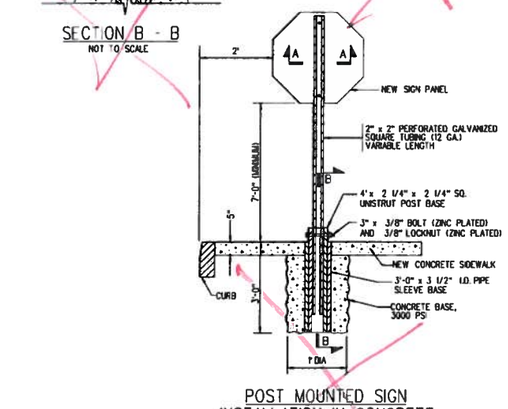
DRAWING NO.
CD-1?
SHEET 23 OF 47
KCI JOB NUMBER
22134062

PLOTTED DATE: 8
BY USERNAME: S
FILE: 8



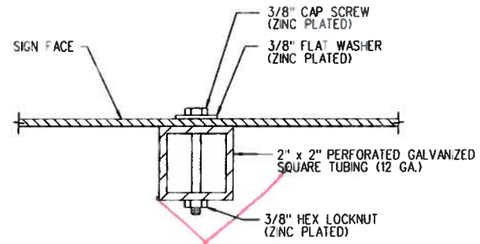
SECTION B - B
NOT TO SCALE

SECTION A - A
NOT TO SCALE

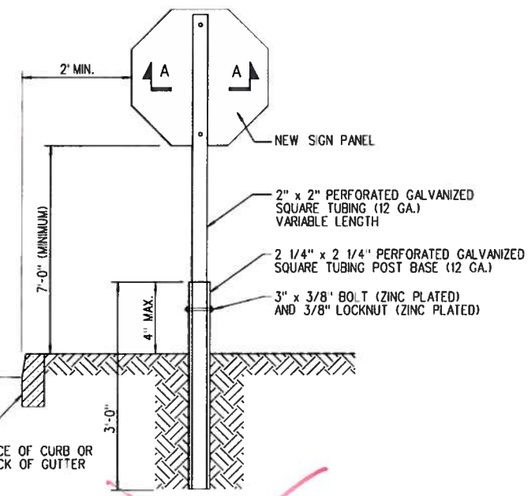


POST MOUNTED SIGN INSTALLATION IN CONCRETE
NOT TO SCALE

NOTE:
IF THERE IS ANY QUESTIONS REGARDING THE FINAL, ACCEPTABLE LOCATION FOR A SIGN SLEEVE, PLEASE CALL MONROE COUNTY DOT AT 753-7750 AND REQUEST ASSISTANCE.

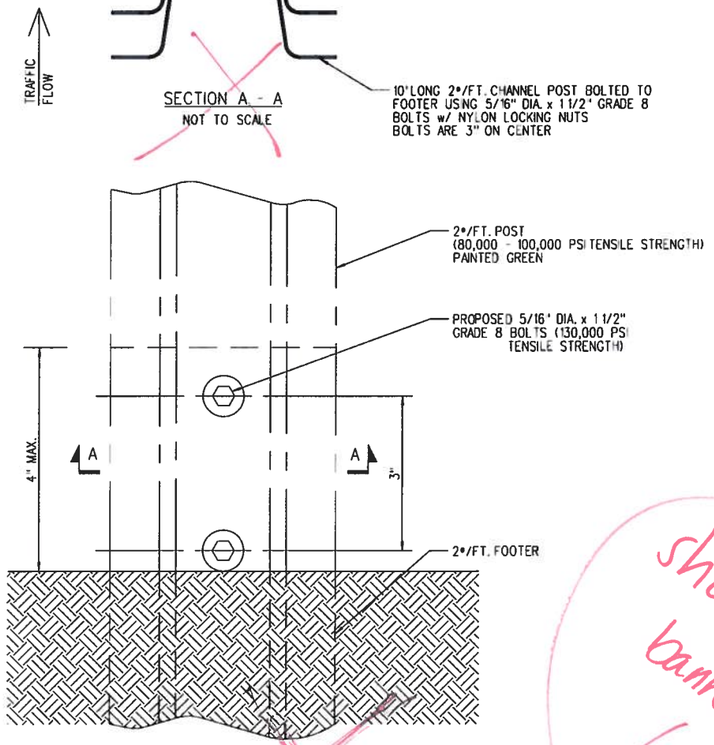


SECTION A - A
NOT TO SCALE

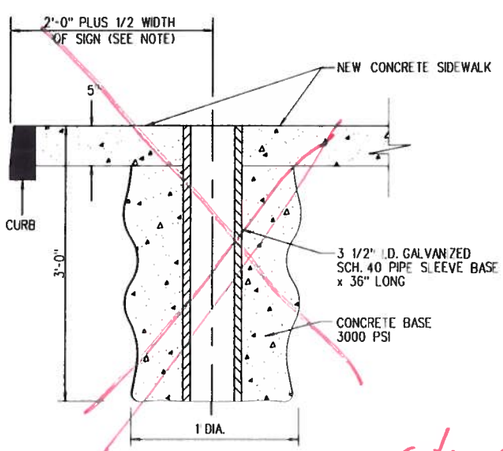


POST MOUNTED SIGN INSTALLATION IN SOIL WITH CURB OR GUTTER
NOT TO SCALE

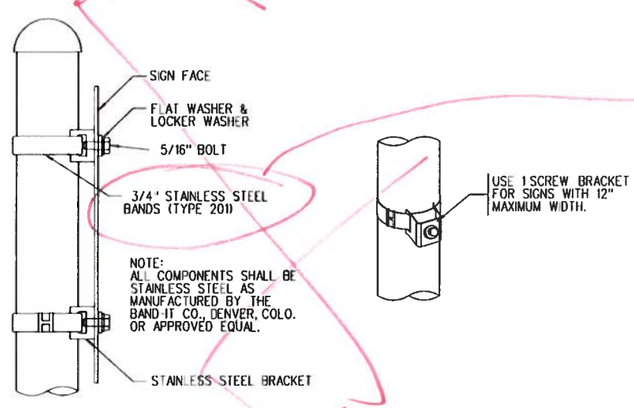
SECTION A - A
NOT TO SCALE



PARKING SIGN INSTALLATION
NOT TO SCALE



SIGN POST SLEEVE BASE INSTALLATION
NOT TO SCALE



MOUNTING SIGN ON STEEL POLE
NOT TO SCALE

90% PLANS
APRIL 16, 2014

show banner detail see Jefferson Avenue Example

banner detail - will use same bands?

city detail used sheet 20

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AMW
DRAWN BY: KLO

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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FAX: (585) 341-4238

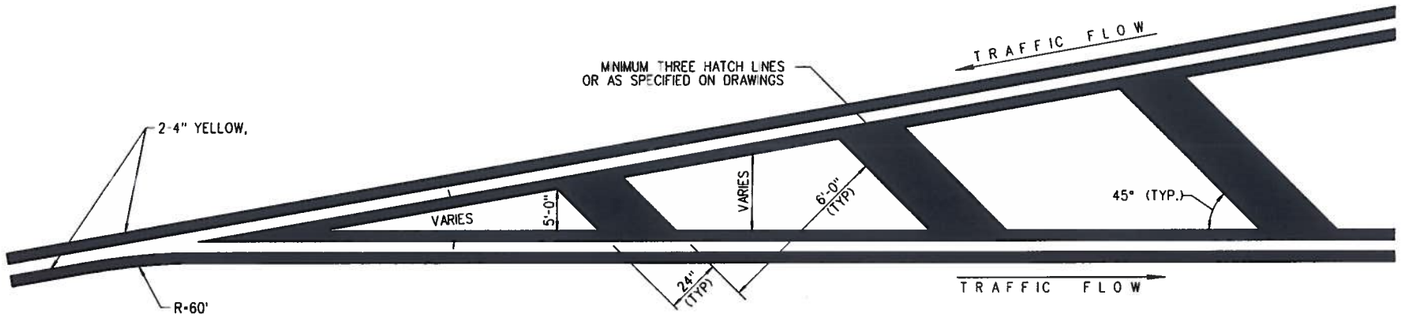
ISO 9001:2008 CERTIFIED

DRAWING NO.
CD-1?
SHEET 74 OF 97

KCI JOB NUMBER
22134062

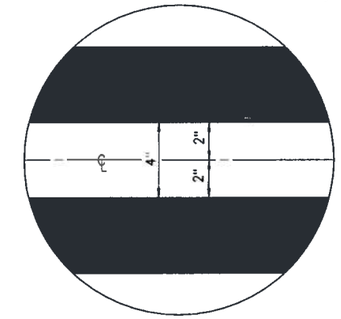
PLOTTED: $DATE$
BY: $USERNAME$
FILE: $FILE$

90% PLANS
APRIL 16, 2014



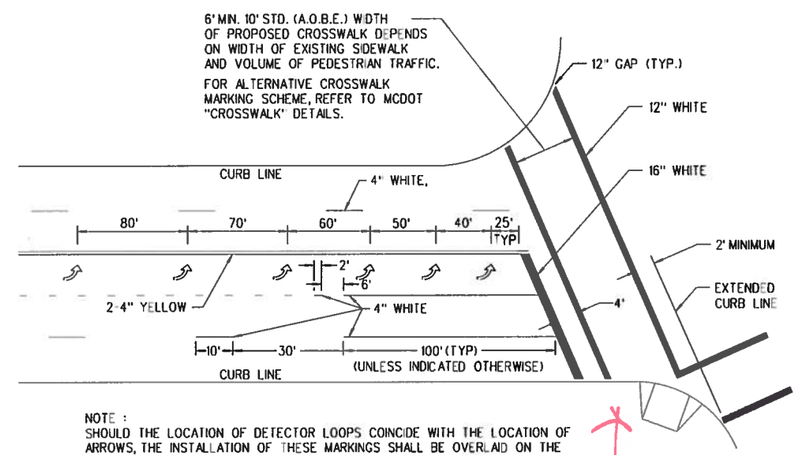
BEGINNING OF MEDIANS-STRIPING TREATMENT

NOT TO SCALE



DOUBLE YELLOW CENTERLINE

NOT TO SCALE

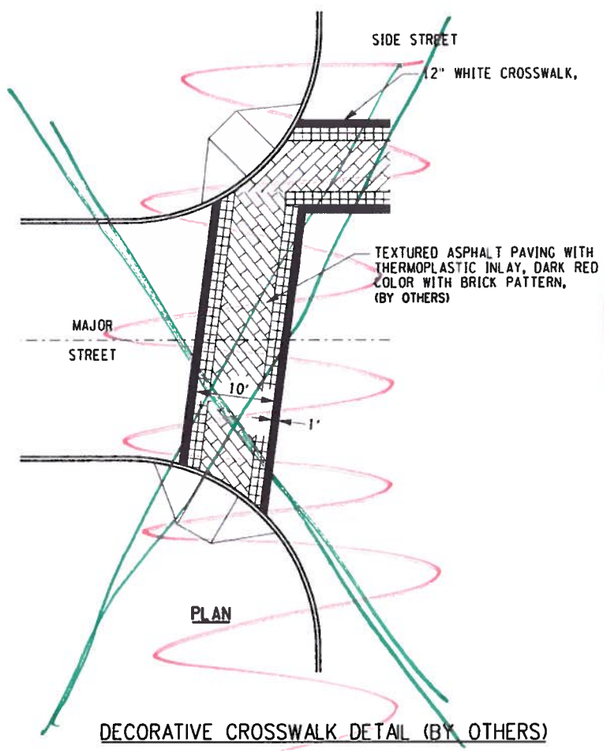


NOTE :
SHOULD THE LOCATION OF DETECTOR LOOPS COINCIDE WITH THE LOCATION OF ARROWS, THE INSTALLATION OF THESE MARKINGS SHALL BE OVERLAID ON THE NEW PAVEMENT AFTER THE DETECTOR LOOPS HAVE BEEN INSTALLED.

PAVEMENT MARKINGS AT INTERSECTION

NOT TO SCALE

yes – to be used on all crossings for this project – MTR will install decorative crossings



DECORATIVE CROSSWALK DETAIL (BY OTHERS)

NOT TO SCALE

refer to MCDOT comments

NOTE:

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

DATE: APR. 2014	SCALE: NTS	DESIGNED BY: AMW	DRAWN BY: KLO

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION DETAILS

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DRAWING NO.
CD-1

SHEET 25 OF 47

KCI JOB NUMBER
22134062

PLOTTED BDATE$
BY: $USERNAME$
FILE: $FNAME$

WATER SERVICES TABLE

CENTERLINE STATION AND OFFSET	ADDRESS	EXISTING SERVICE			DIRECTION OF OFFSET FROM EXIST TAP	DISPOSTION	PROPOSED WATER SERVICE			DEPTH OF EXIISTING 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

NOTES:

1. PRIOR TO COMMENCING WORK, CONTRACTOR IS TO VERIFY LOCATION AND DISPOSTION OF ALL WATER SERVICE WORK.
2. TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER SERVICES.
3. 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.

Refer to Water Bureau Comments

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION TABLES

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ISO 9001:2008 CERTIFIED

DRAWING NO.
CT-1
SHEET 26 OF 47
KCI JOB NUMBER
22134062

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

WATER SERVICES TABLE

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

NOTES:

1. PRIOR TO COMMENCING WORK, CONTRACTOR IS TO VERIFY LOCATION AND DISPOSTION OF ALL WATER SERVICE WORK.
2. TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER SERVICES.
3. 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.

See Water Comments

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AMW/CJL
DRAWN BY: KLOMED

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION TABLES

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ISO 9001:2008 CERTIFIED

DRAWING NO.
CT-2
SHEET 27 OF 47

KCI JOB NUMBER
22134062

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

WATER SERVICES TABLE

CENTERLINE STATION AND OFFSET	ADDRESS	EXISTING SERVICE			DIRECTION OF OFFSET FROM EXIST TAP	DISPOSTION	PROPOSED WATER SERVICE			DEPTH OF EXISTING WATER MAIN AT TAP LOCATION (APPROXIMATE)	ITEM NO.
		SIZE	MATERIAL	STATUS			SIZE	MATERIAL	LENGTH		
89 + 70 LT	1071-1073 PORTLAND AVE	3/4"	COPPER	ACTIVE	N/A	NO WORK	N/A			4.7 - 5.7 FT	N/A
89 + 73 RT	1074 PORTLAND AVE	5/8"	GALVANIZED	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	16	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
90 + 21 RT	1080 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	18	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
90 + 47 LT	1087 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	28	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
90 + 71 RT	1088 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	18	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
90 + 87 LT	1091 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	32	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
91 + 12 RT	1092 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	19	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
91 + 24 LT	1095 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	33	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
91 + 66 LT	1105 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	34	4.7 - 5.7 FT	S912.090100, S913.160100, S914.030100, S966.0332
92 + 06 LT	1109 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	28	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
92 + 50 RT	1112 PORTLAND AVE	3/4"	COPPER	ACTIVE	N/A	NO WORK	N/A			3.75 - 4.6 FT	N/A
92 + 79 RT	1116 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	18	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
93 + 14 RT	1122 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	17	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
93 + 18 LT	1119 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	33	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
93 + 55 RT	1122-A PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			3.75 - 4.6 FT	S912.06, S966.0332
93 + 58 LT	1123 PORTLAND AVE	3/4"	COPPER	ACTIVE	N/A	NO WORK	N/A			3.75 - 4.6 FT	N/A
94 + 03 LT	1129-1131 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	35	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
94 + 10 RT	1130 PORTLAND AVE	1/2"	LEAD	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	16	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
94 + 42 RT	1136 PORTLAND AVE	5/8"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			3.75 - 4.6 FT	S912.06, S966.0332
94 + 45 LT	1139 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	1"	PE	39	3.75 - 4.6 FT	S912.090100, S913.160100, S914.030100, S966.0332
95 + 34 RT	1148 PORTLAND AVE	3/4"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	19	3.75 - 4.6 FT	S912.090075, S913.030075, S914.030075, S966.0332
95 + 50 LT	1149-1151 PORTLAND AVE	3/4"	COPPER	ACTIVE	N/A	NO WORK	N/A			3.75 - 4.6 FT	N/A
95 + 60 RT	1154 PORTLAND AVE	1/2"	LEAD	ACTIVE	SOUTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	19	3.75 - 4.6 FT	S912.090075, S913.030075, S914.030075, S966.0332
95 + 88 LT	1155 PORTLAND AVE	1/2"	LEAD	RUN	N/A	ABANDON AT TAP, PROVIDE 32# ANODE	N/A			3.75 - 4.6 FT	S912.06, S966.0332
95 + 91 RT	1156-1162 PORTLAND AVE	1/2"	GALVANIZED	ACTIVE	NORTH	REMOVE AND PLUG EXISTING SERVICE AT TAP. PROVIDE NEW SERVICE TAP, WATER SERVICE, CURB STOP, AND BOX. PROVIDE 32# ANODE ON WATER MAIN.	3/4"	COPPER	23	3.75 - 4.6 FT	S912.090075, S913.030075, S914.030075, S966.0332
96 + 31 RT	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

NOTES:

1. PRIOR TO COMMENCING WORK, CONTRACTOR IS TO VERIFY LOCATION AND DISPOSTION OF ALL WATER SERVICE WORK.
2. TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER SERVICES.
3. 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.

See water comments

WATER VALVE TABLE

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AMW/CJL
DRAWN BY: KLOMED

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION TABLES

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ISO 9001:2008 CERTIFIED

DRAWING NO.
CT-3
SHEET 28 OF 47

KCI JOB NUMBER
22134062

PLOTTED DATE
BY: CJSERNAWES
F.S. 8/5/14

Please see example CB table (Hincher Grove) table can be condensed

CB NUMBER | STATION | EXIST. TOP OF GRATE (INVERT) | PROPOSED TOP OF GRATE (INVERT) | DISPOSITION | ITEM

DRAINAGE TABLE

CB-X

renumber consecutively #1 start

confusing

How it is numbered

numbering should start with 1 with the first plan sheet

SURVEY STRUCTURE NO.	CITY STRUCTURE NO.	EXISTING LOCATION (STA.)	EXISTING OFFSET (FT.)	PROPOSED LOCATION (STA.)	PROPOSED OFFSET (FT.)	DESCRIPTION	RIM ELEVATION	INVERT ELEVATION: INLET (IF APPLICABLE)	INLET DESC.	OUTLET	OUTLET DESC
DS 60		71 + 39	17 LT	N/A		EXISTING TO REMAIN	NOT AVAIL.	N/A		471.95 E	NOT AVAILABLE
DS 59		L 9+46	09 LT	N/A		NO WORK	NOT AVAIL.	N/A		471.66 E	NOT AVAILABLE
DS 58		L 9+41	11 RT	N/A		NO WORK	NOT AVAIL.	N/A		470.40 E	NOT AVAILABLE
DS 57		71 + 79	22 RT	N/A		NO WORK	NOT AVAIL.	N/A		470.81 W	NOT AVAILABLE
DS 56		L 10+41	07 RT	N/A		NO WORK	NOT AVAIL.	N/A		471.76 N	NOT AVAILABLE
DS 55		L 10+50	12 LT	N/A		NO WORK	NOT AVAIL.	N/A		471.59 S	NOT AVAILABLE
DS 54		73 + 89	18 LT	N/A		NO WORK	NOT AVAIL.	N/A		471.00 E	NOT AVAILABLE
DS 53		74 + 08	20 RT	N/A		NO WORK	NOT AVAIL.	N/A		470.52 W	NOT AVAILABLE
DS 52		RO 10 + 54	08 LT	N/A		NO WORK	NOT AVAIL.	N/A		NOT AVAIL.	NOT AVAILABLE
DS 51		RO 10 + 49	09 RT	N/A		NO WORK	NOT AVAIL.	N/A		470.44 S	NOT AVAILABLE
DS 50		75 + 44	19 RT	N/A		NO WORK	NOT AVAIL.	N/A		470.00 W	NOT AVAILABLE
DS 49		RA 10 + 41	06 RT	N/A		NO WORK	NOT AVAIL.	N/A		469.79 N	NOT AVAILABLE
DS 48		RA 10 + 45	08 LT	N/A		NO WORK	NOT AVAIL.	N/A		469.88 S	NOT AVAILABLE
DS 47		76 + 31	20 LT	N/A		NO WORK	474.25	N/A		NOT AVAIL.	NOT AVAILABLE
DS 46		OU 10 + 46	14 LT	N/A		NO WORK	474.03	N/A		470.17 N	10" CIP
DS 45		OU 10 + 40	11 RT	N/A		NO WORK	474.06	N/A		469.42 S	10" CIP
DS 44		78 + 45	21 RT	78 + 45	18 RT	REMOVE AND REPLACE EXISTING	MATCH FINISHED GRADE	N/A		467.04 W	8" SDR 21 PVC CONNECT TO EXISTING 8" CMP LATERAL
DS 43		78 + 64	20 LT	N/A		NO WORK	473.24	N/A		468.85 E	8" CIP
DS 42		O 10 + 44	9 RT	N/A		NO WORK	473.25	N/A		469.15 N	8" CIP
DS 41		O 10 + 62	12 LT	E10 + 62	11 LT	REMOVE AND REPLACE EXISTING	MATCH FINISHED GRADE	N/A		469.27 S	8" SDR 21 PVC CONNECT TO EXISTING 8" CIP LATERAL
DS 40		80 + 26	20 LT	N/A		NO WORK	472.60	N/A		468.4 E	6" CIP
DS 39		80 + 60	20 RT	N/A		ADJUST EXISTING FRAME AND GRATE	MATCH FINISHED GRADE	N/A		468.37 W	8" CIP
DS 38		81 + 02	36 LT	N/A		NO WORK	472.04	N/A		466.95 E	8" VCP
DS 36		82 + 20	20 RT	82 + 20	13 RT	REMOVE AND REPLACE EXISTING	MATCH FINISHED GRADE	465.0 N	8" SDR21 PVC	464.50 NW	8" SDR 21 PVC CONNECT TO EXISTING 8" LATERAL
DS 36A		N/A		81 + 96	19 RT	NEW	MATCH FINISHED GRADE	N/A		465.50 N	8" SDR 21 PVC CONNECT TO DS 36
DS 37		82 + 45	20 LT	N/A		NO WORK	471.35	N/A		467.26 E	8" VCP
DS 35		G 10 + 50	11 RT	N/A		NO WORK	471.20	N/A		466.81 N	8" VCP
DS 34		G 10 + 71	11 LT	N/A		NO WORK	470.81	N/A		467.27 S	8" VCP
DS 33		83 + 83	20 LT	83 + 83	13 LT	REMOVE AND REPLACE EXISTING	MATCH FINISHED GRADE	N/A		467.22 SW	8" SDR 21 PVC CONNECT TO DS 33A
DS 33A		N/A		83 + 70	16 LT	NEW	MATCH FINISHED GRADE	466.9 NE	8" SDR21 PVC	466.5 SE	8" SDR 21 PVC CONNECT TO 48" RCP STORM SEWER
DS 31		84 + 38	32 LT	N/A		ADJUST EXISTING FRAME AND GRATE	MATCH FINISHED GRADE	N/A		465.38 S	8" CIP
DS 32		84 + 51	20 RT	N/A		NO WORK	470.52	N/A		465.92 W	8" CIP
DS 30		86 + 12	20 RT	N/A		NO WORK	469.83	N/A		463.98 W	8" CIP
DS 29		86 + 30	20 LT	N/A		ADJUST EXISTING FRAME AND GRATE	MATCH FINISHED GRADE	N/A		465.33 E	8" CIP
CHAPIN ST.				N/A		NO WORK	NOT AVAIL.	N/A		NOT AVAIL.	NOT AVAILABLE
CHAPIN ST.				N/A		NO WORK	NOT AVAIL.	N/A		NOT AVAIL.	NOT AVAILABLE
DS 28		87 + 13	20 LT	N/A		EXISTING TO BE MODIFIED TO RECEIVE LATERAL FROM DS 28A	MATCH FINISHED GRADE	464.5 SW	8" SDR21 PVC	464.4 SE	8" CIP
DS 28A		N/A		86 + 79	21 LT	NEW	MATCH FINISHED GRADE	N/A		464.9 NE	8" SDR 21 PVC CONNECT TO DS 28
DS 27		M 10 + 53	11 LT	N/A		NO WORK	468.61	N/A		464.31 E	8" CIP
DS 26		M 10 + 38	11 RT	N/A		NO WORK	468.62	N/A		464.57 E	8" CIP
DS 25		88 + 87	20 LT	N/A		NO WORK	468.31	N/A		464.26 E	8" CIP
DS 24		88 + 98	20 RT	N/A		NO WORK	468.24	N/A		463.89 W	8" CIP
DS 23		J 10 + 42	10 RT	N/A		NO WORK	467.61	N/A		463.71 N	6" CIP
DS 22		J 10 + 41	10 LT	N/A		NO WORK	467.55	N/A		463.45 S	6" CIP
DS 21		89 + 90	21 LT	89 + 90	15 LT	REMOVE AND REPLACE EXISTING	MATCH FINISHED GRADE	464.5 SW	8" SDR21 PVC	464.2 E	8" SDR 21 PVC CONNECT TO EXISTING 8" CIP LATERAL
DS 21A		N/A		89 + 62	19 LT	NEW	MATCH FINISHED GRADE	N/A		465.1 NE	8" SDR 21 PVC CONNECT TO DS 21
DS 20		F 10 + 41	11 LT	N/A		ADJUST EXISTING FRAME AND GRATE	MATCH FINISHED GRADE	N/A		463.3 E	8" CIP
DS 19		F 10 + 40	11 RT	N/A		ADJUST EXISTING FRAME AND GRATE	MATCH FINISHED GRADE	N/A		NOT AVAIL.	NOT AVAILABLE
DS 18		91 + 76	21 RT	N/A		NO WORK	466.00	N/A		462.8 W	8" CIP
DS 15A		91 + 91	19 LT	91 + 91	13 LT	REMOVE AND REPLACE EXISTING	MATCH FINISHED GRADE	463.0 SW	8" SDR21 PVC	462.6 E	2" SDR21 PVC CONNECT TO EXISTING 12" VCP LATERAL
DS 15B		N/A		91 + 69	19 LT	NEW	MATCH FINISHED GRADE	N/A		463.5 NE	8" SDR 21 PVC CONNECT TO DS 15A
DS 17		P 10 + 43	11 RT	N/A		NO WORK	465.83	N/A		462.38 N	8" VCP
DS 16		P 10 + 39	11 LT	N/A		NO WORK	465.63	N/A		462.16 S	8" VCP
DS 15		T 10 + 45	11 LT	N/A		NO WORK	464.86	N/A		459.86 E	8" VCP
DS 14		T 10 + 48	11 RT	N/A		NO WORK	464.87	N/A		NOT AVAIL.	NOT AVAILABLE
DS 13		94 + 53	22 LT	N/A		NO WORK	462.19	N/A		459.00 E	8" CIP
DS 12		94 + 54	21 RT	N/A		NO WORK	462.35	N/A		458.96 W	8" PVC
DS 11		S 10 + 40	11 RT	N/A		NO WORK	462.49	N/A		458.04 N	8" PVC
DS 10		S 10 + 39	10 LT	N/A		NO WORK	461.95	N/A		458.30 S	8" PVC
DS 9		DI 10 + 47	12 LT	N/A		NO WORK	461.86	N/A		458.57 N	12"CMP
DS 8		DI 10 + 47	12 RT	N/A		NO WORK	461.47	457.80 E	12" CMP	457.73 S	12" CMP
DS 8A		96 + 64	20 LT	N/A		NO WORK	NOT AVAIL.	N/A		NOT AVAIL.	NOT AVAILABLE
DS 7		N 9+50	22 LT	N/A		ADJUST EXISTING FRAME AND GRATE	MATCH FINISHED GRADE	455.95 S	15" CMP	450.10 SE	36" CMP
DS 6		N 9+50	27 RT	N/A		NO WORK	458.00	454.81 W	21" CPP	453.51 N	15" PVC
DS 5		97 + 21	23 LT	N/A		NO WORK	458.28	454.78 S	12" CMP	450.43 N	12" CMP
DS 4		97 + 25	24 RT	N/A		NO WORK	458.34	N/A		452.64 N	15" CMP
DS 3		N 10 + 44	25 LT	N/A		ADJUST EXISTING FRAME AND GRATE	MATCH FINISHED GRADE	452.81 NW	15" CMP	450.71 S	15" CMP
DS 2		98 + 22	25 RT	N/A		ADJUST EXISTING FRAME AND GRATE	MATCH FINISHED GRADE	452.97 N	15" CMP	452.77 SE	15" CMP
DS 1		98 + 22	24 LT	N/A		NO WORK	457.66	452.47 N	24" CMP	452.32 S	24" CMP

Default to read left to right, top to bottom = end to City for review.

DATE: APR. 2014 | SCALE: NTS | DESIGNED BY: AM/WCJL | DRAWN BY: KL/MED

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION TABLES

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ISO 9001:2008 CERTIFIED

DRAWING NO.
CT-4

KCI JOB NUMBER
22134062

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

(*) TABLE NOT NEEDED (*)

(*) ITEMS SHOULD ALSO BE NOTED ON PLANS

CLEARING AND GRUBBING - ITEM 201.0601

STATION	SIDE	OFFSET (FT)	OBJECT
72+70	RT	23.5	3' DIAMETER CONCRETE PLANTER
74+95	LT	24.5	3' DIAMETER CONCRETE PLANTER
77+27	LT	31.6	BENCH
80+25	RT	23.5	3' DIAMETER CONCRETE PLANTER
97+07	RT	27.0	CONCRETE BOLLARD
97+13	RT	27.0	CONCRETE BOLLARD
97+18	RT	27.0	CONCRETE BOLLARD
97+24	RT	27.0	CONCRETE BOLLARD
98+07	RT	50.0	BRICK RETAINING WALL - WITHIN HIGHWAY RIGHT-OF-WAY
98+10	LT	43.4	CONCRETE CURB - WITHIN HIGHWAY RIGHT-OF-WAY
98+10	RT	38.8	CONCRETE BOLLARD
98+11	RT	43.0	CONCRETE BOLLARD
98+14	RT	39.3	CONCRETE BOLLARD
98+14	R	43.2	CONCRETE BOLLARD

WATER VALVE TABLE

STATION	SIDE	OFFSET (FT)	DESCRIPTION
71+87	LT	17.4	NO WORK
73+81	LT	17.3	NO WORK
76+82	LT	17.3	NO WORK
76+94	LT	14.0	NO WORK
78+69	LT	10.0	NO WORK
78+93	LT	27.0	NO WORK
81+02	LT	29.8	NO WORK
81+15	LT	12.3	NO WORK
82+65	LT	5.6	NO WORK
82+67	RT	29.8	NO WORK
84+52	LT	11.7	NO WORK
85+60	LT	15.2	NO WORK
86+50	LT	7.0	NO WORK
86+55	LT	9.5	NO WORK
87+89	RT	10.2	NO WORK
89+24	RT	13.7	NO WORK
89+35	RT	10.8	NO WORK
90+24	RT	5.7	NO WORK
92+10	RT	12.4	NO WORK
92+70	RT	6.0	NO WORK
94+88	RT	12.6	NO WORK
95+10	LT	31.7	NO WORK
96+58	RT	7.9	NO WORK
97+40	RT	10.3	NO WORK
97+54	RT	38.4	NO WORK
97+57	LT	23.0	NO WORK
97+94	RT	10.0	NO WORK

REMOVE - NO WORK? - NO NEED FOR A TABLE

- move to CT-3 with the other water Tables

if no work for any valves, do we need a table??

TYPE NUMBER	STONE MARK	LOCATION	DISPOSITION	ITEM NUMBER

See Hatcher Group example table

MONUMENT TABLE

MONUMENT NO.	CONTROL NO.	CORNER	INTERSECTION	DEPTH	CONDITION	COMMENTS	DISPOSITION
091830205	1876	SE	LUX	EVEN	BRASS DISK		TBD
091830103	1872	NW	LUX	0.47'	M/DH GOOD		PROTECT
091830102	1871	NW	ROYCROFT	0.05'	M/DH GOOD		VERT ADJ.?
091750306	1773	NE	RANDOLPH	0.25'	G/DH GOOD		PROTECT
091750102	1761	NW	DURNAN	0.28'	M/DH GOOD		FRAME OK?
091750305	1772	E. ANG.	RANDOLPH (N. OF)	0.55'	M/DH/+ GOOD		PROTECT
091750101	1760	W. ANG.	DURNAN (N. OF)	0.53'	M/DH GOOD		PROTECT
091750307	1774	SE	ONIEDA	0.50'	G/DH GOOD		PROTECT
091750103	1762	SW	BARBERRY	0.32'	G/DH GOOD		PROTECT
091750207	1768	NW	BARBERRY	0.48'	M/DH/+ GOOD		PROTECT
091750303	1771	SE	GRAFTON	0.26'	G/DH GOOD		PROTECT
091750205	1766	NW	DELAMAINE	0.48'	G/DH GOOD		PROTECT
091750302	1770	SE	CHAPIN	0.54'	M/DH GOOD		PROTECT
091750301	309	SE	CHAPIN	1.10'	RTS GOOD	1' SW OF 15" LOCUST	PROTECT
091750208	1769	SW	MOHAWK	0.46'	G/DH GOOD		PROTECT
091760101	1775	NE	CHAPIN	0.41'	G/DH GOOD		PROTECT
091760107	1780	E. ANG.	CHAPIN (N. OF)	0.42'	M/DH GOOD	13' OFF WALK, 0.1' LOW	PROTECT
091750202	1764	NW	MOHAWK	0.58'	M/DH GOOD		PROTECT
091670302	1661	NW	FURLONG	0.21'	M/DH/+ GOOD		FRAME OK?
009180201	1665	NE	POMEROY	0.33'	G/DH GOOD		PROTECT
091670202	1659	NW	TURPIN	0.30'	M/DH/+ GOOD		PROTECT
091680102	1663	NE	SYLVESTER	0.47'	M/DH GOOD		PROTECT
091670106	1657	NW	DICKINSON	0.47'	M/DH GOOD	SMALL STONE	PROTECT
091590201	1586	NW	NORTON	0.63'	M/DH GOOD	IN PAVEMENT	PROTECT
091600101	1587	NE	NORTON	0.62'	M/DH POOR	FRAME OK?	TBD

GRANITE CURB TABLE

STATION	TO STATION	SIDE	LENGTH (LF)	NOTES	
RA 10+53	RA 10+82	LT	29		
76+77	77+72	LT	107		
77+33	98+82	RT	151		
79+15	79+81	RT	102		
80+27	80+66	RT	38		
81+88	82+52	RT	76		
83+63	83+98	LT	71		
84+36	85+25	LT	95		
85+62	86+96	LT	133		
89+57	90+05	LT	66		
90+29	90+81	LT	72		
91+66	92+48	LT	101		
92+72	93+32	LT	78		
97+25	97+41	LT	29	R = 12'	
97+29	97+46	RT	26	R = 18'	
97+91	98+45	RT	81	R = 30'	
97+92	98+18	LT	39	R = 35'	

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

REVISIONS

NO.	DATE	DESCRIPTION	BY

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PORTLAND AVENUE REVITALIZATION

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ISO 9001:2008 CERTIFIED

DRAWING NO.
CT-5
SHEET 30 OF 47

KCI JOB NUMBER
22134062

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

ADDRESS	STATION	TREE SIZE + SPECIES	ITEM NUMBER

SEE HINCHEY EXAMPLE

TREE REMOVAL TABLE

STATION	SIDE	OFFSET (FT)	NOTES
71+36	RT	24.4	EXISTING TREE IN POOR CONDITION
83+09	RT	56.3	
83+21	LT	24.0	
91+91	LT	24.4	

Check for Conflicts!!

TREE PLANTING TABLE

STATION	SIDE	OFFSET (FT)	BOTANICAL NAME	COMMON NAME
71+02	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR
71+36	RT	24.4	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR
72+68	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR
72+81	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR
73+03	LT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR
73+30	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR
73+75	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR
74+65	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
75+11	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
75+15	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
75+50	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
76+14	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
78+36	LT	24.0	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE
79+84	RT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST
80+16	LT	33.6	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE
80+28	LT	43.6	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE
80+29	LT	56.3	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE
80+38	RT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST
80+94	RT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST
82+29	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
83+25	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
83+46	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
83+69	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
85+36	RT	24.0	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE
86+58	RT	24.0	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE
87+37	RT	24.0	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA
87+76	RT	24.0	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR
88+82	RT	24.0	QUERCUS ROBUR	ENGLISH OAK
88+85	LT	24.0	QUERCUS ROBUR	ENGLISH OAK
89+22	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
89+65	LT	24.0	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA
89+97	RT	24.0	QUERCUS ROBUR	ENGLISH OAK
90+29	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
90+61	RT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
91+38	LT	24.0	SYRINGA RETICULATE 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC
92+08	LT	24.0	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE RED MAPLE
93+57	LT	24.0	GLEDITSIA TRICHANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST
98+04	LT	49.4	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE
98+04	RT	52	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE
98+16	LT	38.3	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE
98+19	RT	36.2	CRATAGUS X LAVALLEI 'WINTER KING'	WINTER KING HAWTHORNE

TREE GRATE TABLE

STATION	SIDE	OFFSET (FT)	NOTES
71+02	LT	24.0	
71+36	RT	24.4	
72+68	LT	24.0	
72+81	RT	24.0	
73+03	LT	24.0	
73+30	RT	24.0	
73+75	RT	24.0	
74+65	RT	24.0	
75+11	LT	24.0	
75+15	RT	24.0	
75+50	LT	24.0	
76+14	LT	24.0	
79+84	RT	24.0	
80+38	RT	24.0	
80+94	RT	24.0	

? where are tree grates planned??

* there should be no tree grates installed

* any existing tree grates to be removed and returned to the city

* Mulch or Flexipave tree pits

* PLEASE PROVIDE LISA REYES TREE PIT DIMENSIONS THROUGHOUT PROJECT. SHE WILL GET A QUOTE/PIT FOR FLEXI PAVE

TREE PROTECTION TABLE

STATION	SIDE	OFFSET (FT)	NOTES
74+21	RT	24	
76 + 33	RT	24	
76 + 73	RT	23	
77 + 20	RT	24	
77 + 39	LT	23	
79 + 18	LT	24	
79 + 76	LT	24	
81 + 43	RT	23	
81 + 66	LT	24	
81 + 91	RT	23	
82 + 65	LT	24	
84+21	RT	24	
84+29	LT	49	
84 + 84	RT	24	
84 + 95	LT	24	
85 + 84	RT	24	
86 + 31	RT	34	
86 + 73	RT	39	
87 + 14	RT	61	
87 + 23	RT	51	
88 + 24	LT	23	
88 + 50	LT	23	
91 + 00	RT	25	
91 + 09	LT	23	
91 + 58	RT	24	
92 + 41	RT	25	
92 + 71	RT	24	
93 + 02	LT	24	
93 + 39	RT	23	
93 + 88	RT	24	
93 + 97	LT	24	

* tree protection to be provided @ each tree

table not necessary

* estimate should include tree protection @ each tree

S617.01 - FENCING FOR TREE PROTECTION

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

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PORTLAND AVENUE REVITALIZATION

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DRAWING NO.
CT-6
SHEET 31 OF 47
KCI JOB NUMBER
22134062

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

9 Different types to choose from – cannot assume to use private property to allow for the 4' minimum behind curb ramp!

only show work as part of this project

SIDEWALK ACCESS RAMP TABLE

INTERSECTION	QUADRANT	C.O.R. RAMP TYPE	NOTES
PORTLAND/LUX	NW	E	
PORTLAND/LUX	NW	B	
PORTLAND/LUX	NE	E	
PORTLAND/LUX	SW	E	
PORTLAND/LUX	SE	B	
PORTLAND/LUX	SE	E	
PORTLAND/ROYCROFT	NW	E	BY OTHERS
PORTLAND/ROYCROFT	SW	E	BY OTHERS
PORTLAND/RANDOLPH	NE	E	BY OTHERS
PORTLAND/RANDOLPH	SE	E	BY OTHERS
PORTLAND/DURNAN	NW	B	
PORTLAND/DURNAN	NE	B	BY OTHERS
PORTLAND/DURNAN	SW	E	BY OTHERS
PORTLAND/ONEIDA	NE	E	
PORTLAND/ONEIDA	SE	E	
PORTLAND/BARBERRY	NW	B	BY OTHERS
PORTLAND/BARBERRY	SW	B	
PORTLAND/GRAFTON	NE	E	
PORTLAND/GRAFTON	SE	E	
PORTLAND/DELAMAINE	NW	E	
PORTLAND/DELAMAINE	SW	E	
PORTLAND/CHAPIN	NE	E	BY OTHERS
PORTLAND/CHAPIN	SE	E	BY OTHERS
PORTLAND/MOHAWK	NW	B	BY OTHERS
PORTLAND/MOHAWK	SW	B	BY OTHERS
PORTLAND/JACKSON	NE	E	BY OTHERS
PORTLAND/JACKSON	SE	E	BY OTHERS
PORTLAND/FURLONG	NW	E	
PORTLAND/FURLONG	SW	E	
PORTLAND/POMEROY	NE	E	BY OTHERS
PORTLAND/POMEROY	SE	B	BY OTHERS
PORTLAND/TURPIN	NW	E	
PORTLAND/TURPIN	SW	E	
PORTLAND/TURPIN	SW	B	
PORTLAND/SYLVESTER	NE	A	
PORTLAND/SYLVESTER	SE	A	
PORTLAND/DICKINSON	NW	E	
PORTLAND/DICKINSON	SW	A	
PORTLAND/NORTON	NW	F	
PORTLAND/NORTON	NE	F	
PORTLAND/NORTON	NE		REMOVE
PORTLAND/NORTON	SW	A	
PORTLAND/NORTON	SE	A	

NOTE: REFER TO SIDEWALK ACCESS RAMP DETAILS ON DWG. CD-10

RAMPS MUST ALLOW FOR 4' BEHIND IT IN THE R.O.W.!

(*) many of the ramps do not fit the corners! – must verify slopes & transition slopes to confirm existing ramps may be replaced in-kind. – Also must verify curbing is in good condition

verify this is correct

SIDEWALK TREATMENT TABLE

STATION	TO	STATION	SIDE	TREATMENT	ITEM
71+00	TO	70+54	LT	~~BRICK PAVERS~~	S608.180203
71+49	TO	72+14	RT	~~BRICK PAVERS~~	S608.180203
71+79	TO	72+46	LT	~~BRICK PAVERS~~	S608.180203
72+46	TO	72+56	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
72+40	TO	73+01	RT	~~BRICK PAVERS~~	S608.180203
73+01	TO	73+11	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
RA 10+57	TO	RA 10+80	LT	CONCRETE	S608.14
76+77	TO	77+86	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
77+22	TO	78+79	RT	CONCRETE	S608.14
79+09	TO	79+81	LT	EXPOSED AGGREGRATE CONCRETE AND CONCRETE	S608.37, S608.14
80+27	TO	80+66	RT	CONCRETE	S608.14
81+93	TO	82+52	RT	EXPOSED AGGREGRATE CONCRETE AND CONCRETE	S608.37, S608.14
82+92	TO	83+06	RT	CONCRETE	S608.14
83+86	TO	84+05	LT	CONCRETE	S608.14
84+36	TO	85+25	LT	CONCRETE	S608.14
85+72	TO	86+94	LT	CONCRETE	S608.14
89+84	TO	90+04	LT	CONCRETE	S608.14
90+29	TO	90+81	LT	EXPOSED AGGREGRATE CONCRETE AND CONCRETE	S608.37, S608.14
91+82	TO	92+47	LT	CONCRETE	S608.14
92+73	TO	92+93	LT	CONCRETE	S608.14
94+49	TO	94+68	RT	~~BRICK PAVERS~~	S608.180203
94+72	TO	94+90	LT	~~BRICK PAVERS~~	S608.180203
94+93	TO	9747	RT	~~BRICK PAVERS~~	S608.180203
95+17	TO	97+41	LT	~~BRICK PAVERS~~	S608.180203
95+71	TO	95+97	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
95+71	TO	95+92	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
96+59	TO	96+83	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
97+91	TO	98+25	LT	EXPOSED AGGREGRATE CONCRETE	S608.37
97+91	TO	98+26	RT	EXPOSED AGGREGRATE CONCRETE	S608.37
98+26	TO	98+45	RT	CONCRETE	S608.14

USE EXPOSED AGGREGATE INPLACE OF BRICK

USE EXPOSED AGGREGATE WHERE BRICK IS SHOWN

ITEM S608.14 – CONCRETE SIDEWALK AND DRIVEWAY (INCLUDING EXCAVATION AND SUBBASE)

~~ITEM S608.180203 – BRICK (INCLUDING EXCAVATION AND SUBBASE) (RIGID BASE)~~

ITEM S608.37 – EXPOSED AGGREGRATE CONCRETE (INCLUDING EXCAVATION AND SUBBASE)

NOTE: REFER TO PL-1 THROUGH PL-6 FOR LIMITS OF PROPOSED SIDEWALK

CURB RAMP & SIDEWALK TREATMENT TABLES MOVE TO EACH INDIVIDUAL SHEET W/ the curb radius info

(*) NO BRICK – INSTALL EXPOSED AGGREGATE INSTEAD (*)

(*) NO EXPOSED AGGREGATE CURB RAMPS OR DRIVEWAY APRONS (*)

DRIVEWAY TABLE

LOCATION	SIDE	ADDRESS	APRON ~~DRIVEWAY~~ MATERIAL (*)	CURB HEADER LENGTH (FT)	CURB TRANS. LENGTH (FT)	CURB HEADER REVEAL (IN)	APRON ~~DRIVEWAY~~ WIDTH (FT)	APRON ~~DRIVEWAY~~ LENGTH (FT)	ITEM NUMBER APRON	ITEM NUMBER ~~DRIVEWAY~~
72+55	LT	805 PORTLAND AVE	~~EXPOSED AGGREGRATE~~ CONCRETE	10	3	1.5	10	5	S608.37	S608.37
73+02	RT	806 PORTLAND AVE	~~EXPOSED AGGREGRATE~~ CONCRETE	10	3	1.5	10	5	S608.37	S608.37
77+62	RT	910 PORTLAND AVE	CONCRETE	15	3	1.5	15	3.66	S608.14	S608.14
86+06	LT	1025 PORTLAND AVE	CONCRETE ~~LIGHT DUTY ASPHALT~~	13	3	1.5	13	5	S608.14	S608.15
95+82	RT	1154 PORTLAND AVE	~~EXPOSED AGGREGRATE~~ CONCRETE	21	3	1.5	21	5	S608.37	S608.37
95+86	LT	1165 PORTLAND AVE	~~EXPOSED AGGREGRATE~~ CONCRETE	26	3	1.5	26	5	S608.37	S608.37
96+73	LT	1165 PORTLAND AVE	~~EXPOSED AGGREGRATE~~ CONCRETE	24	3	1.5	24	5	S608.37	S608.37

ITEM S608.14 – CONCRETE SIDEWALK AND DRIVEWAY (INCLUDING EXCAVATION AND SUBBASE)

ITEM S608.15 – ASPHALT DRIVEWAY – LIGHT DUTY

ITEM S608.37 – EXPOSED AGGREGRATE CONCRETE (INCLUDING EXCAVATION AND SUBBASE)

NO.	DATE	REVISIONS DESCRIPTION	BY

DATE: APR. 2014 | SCALE: NTS | DESIGNED BY: AMW/CJL | DRAWN BY: KLO/MED

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DRAWING NO. CT-7
SHEET 32 OF 47
KCI JOB NUMBER 22134062

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

JOE BORRELLI TO REVIEW - VERIFY

STREET LIGHTING TABLE

ITEM#s are correct

STATION	SIDE	OFFSET (FT)	ITEM S671.3101 (EA)	REMARKS
71 + 41	LT	22		NEW STREET LIGHT ON EXISTING TRAFFIC SIGNAL POLE
71 + 87	LT	35		NEW STREET LIGHT ON EXISTING TRAFFIC SIGNAL POLE
72 + 07	RT	37		NEW STREET LIGHT ON EXISTING TRAFFIC SIGNAL POLE
72 + 54	RT	23		NEW STREET LIGHT ON EXISTING TRAFFIC SIGNAL POLE
73 + 38	LT	24	1	NEW STREET LIGHT POLE
74 + 37	RT	23		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
75 + 73	LT	24		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
76 + 30	LT	26		NEW STREET LIGHT ON EXISTING TRAFFIC SIGNAL POLE
77 + 06	RT	26		NEW STREET LIGHT ON EXISTING TRAFFIC SIGNAL POLE
77 + 93	RT	23	1	NEW STREET LIGHT POLE
78 + 60	LT	24		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
79 + 42	RT	24	1	NEW STREET LIGHT POLE
80 + 27	RT	24		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
81 + 38	RT	23	1	NEW STREET LIGHT POLE
82 + 17	LT	24		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
83 + 13	LT	24	1	NEW STREET LIGHT POLE
84 + 04	RT	24		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
84 + 85	RT	23	1	NEW STREET LIGHT POLE
85 + 66	LT	24		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
86 + 90	LT	24		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
88 + 02	LT	24	1	NEW STREET LIGHT POLE
88 + 64	RT	24		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
89 + 38	LT	23	1	NEW STREET LIGHT POLE
90 + 14	RT	25		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
91 + 48	LT	24		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
92 + 19	LT	23	1	NEW STREET LIGHT POLE
92 + 87	RT	24		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
93 + 72	LT	24	1	NEW STREET LIGHT POLE
94 + 52	LT	26		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
95 + 18	RT	28		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
96 + 33	RT	27		NEW STREET LIGHT AT EXISTING STREET LIGHT POLE LOCATION
97 + 23	LT	28		NEW STREET LIGHT ON EXISTING TRAFFIC SIGNAL POLE
97 + 41	RT	41		NEW STREET LIGHT ON EXISTING TRAFFIC SIGNAL POLE
98 + 04	LT	37		NEW STREET LIGHT ON EXISTING TRAFFIC SIGNAL POLE
98 + 09	RT	33		NEW STREET LIGHT ON EXISTING TRAFFIC SIGNAL POLE

Is this the only item # for all of the scenarios?

item # ??

item # ??

ITEM S671.3101 - METAL LIGHT POLE FOUNDATION

NOTE: NEW DECORATIVE STREET LIGHTING POLES, NEW LIGHTING ARMS, AND NEW LIGHTING FIXTURES TO BE INSTALLED BY OTHERS

LABEL ON PLAN REMOVE

2" PVC CONDUIT

LOCATION TO	LOCATION FROM	ITEM S671.020302 (LF)	ITEM S671.030302 (LF)
72+06 (LT)	73+37 (LT)	132	
77+10 (RT)	77+92 (RT)	76	
81+38 (RT)	81+91 (RT)	58	
81+91 (RT)	82+09 (LT)		56
82+09 (LT)	83+13 (LT)	104	
84+85 (RT)	85+51 (RT)	66	
87+88 (LT)	88+02 (LT)	15	
88+02 (LT)	89+38 (LT)	136	
92+19 (LT)	92+44 (LT)	27	
92+76 (LT)	93+72 (LT)	101	

ITEM S671.020302 - 2" PVC CONDUIT

ITEM S671.030302 - 2" PVC CONDUIT - IN ROADWAY

LABEL ON PLAN REMOVE

24" CONCRETE PULLBOX

STATION	SIDE	OFFSET (FT)	R671.10 (EA)
82+09	LT	23.2	1

ITEM R671.10 - CONCRETE PULLBOX (24")

* keep quantities in your workbook - do not show on plans
* label "2" PVC conduit item#" on plan sheets only

REMOVE

DECORATIVE METAL BOLLARD (REMOVABLE) ITEM S615.99

STATION	SIDE	OFFSET (FT)
71+31	LT	22.8
71+36	LT	22.8
71+48	LT	47.8
71+50	RT	22.8
71+51	LT	43.5
71+52	LT	38.6
71+55	RT	22.8
71+60	RT	22.8
71+65	RT	22.8
71+82	LT	44.4
71+84	LT	39.9
72+10	RT	41.3
72+13	RT	45.5
72+27	LT	22.8
72+32	LT	22.8
72+37	LT	22.8
72+41	RT	37.0
72+42	LT	22.8
72+43	RT	41.8
72+45	RT	46.1
72+58	RT	22.8
72+63	RT	22.8
72+68	RT	22.8
97+11	LT	26.5
97+11	RT	26.5
97+16	LT	26.5
97+16	RT	26.5
97+21	LT	26.5
97+21	RT	26.5
97+26	LT	26.5
97+26	RT	26.5
97+39	LT	40.7
97+39	LT	45.7
97+39	LT	50.7
97+39	LT	55.7
97+44	RT	46.1
97+44	RT	51.1
97+44	RT	56.1
97+92	LT	59.9
97+93	RT	56.4
97+93	LT	54.9
97+94	RT	51.6
97+94	LT	56.1
97+95	LT	47.0
98+10	LT	30.0
98+13	RT	30.0
98+14	LT	29.2
98+18	RT	28.4
98+19	LT	27.8
98+23	RT	27.9

i.e. Decorative metal Bollard (Typ. of xx) item No. S615.99

just label on the plans - each sheet

REMOVE

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
83+16	RT	32.0

SIGN ~~POST~~ SLEEVE - ITEM C686.06

Add address to table

STATION	SIDE	OFFSET (FT)
77+01	LT	19.6
77+24	LT	19.6
78+48	RT	20.6
79+61	RT	23.7
80+03	LT	23.7
82+18	RT	16.4
82+26	RT	16.4
83+29	RT	23.7
83+66	LT	23.7
83+99	RT	23.7
84+68	LT	20.7
86+16	RT	0.5
86+61	RT	0.5
87+94	RT	0.5
88+10	RT	0.5
88+80	RT	23.7
89+26	LT	23.7
90+61	LT	16.4
91+71	LT	23.7
92+45	RT	23.7
93+50	LT	23.7
93+13	LT	23.7

label on plan with item#

add disposition to table i.e. install new sign sleeve

REMOVE

DECORATIVE CROSSWALK TABLE (BY OTHERS)

INTERSECTION
PORTLAND/LUX
PORTLAND/DURNAN
PORTLAND/POMEROY
PORTLAND/NORTON

DATE: APR. 2014
SCALE: NTS
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

CONSTRUCTION TABLES

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FAX: (585) 341-4238

ISO 9001:2008 CERTIFIED

DRAWING NO.
CT-8
SHEET 11 OF 47
KCI JOB NUMBER
22134062

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

DO NOT SHOW ANY WORK THAT WILL NOT BE PERFORMED AS PART OF THIS CONTRACT

I.E. CURB RAMPS

NEW RAMPS SHOULD ALL BE SHADED!! NEW CONCRETE!

90% PLANS
APRIL 16, 2014

SHOW BLDG HATCH AT CORNERS & ALONG PROJECT BOUNDARY

TYPICAL ALL SHEETS

SHOW BANNER ARMS ON PL SHEETS!

SHOW THE CORRECT RAMP DESIGN!

STA. 71+00
PROJECT LIMIT- BEGIN WORK

STA. 71+00 (LT)
BEGIN NEW SIDEWALK.
REFER TO DWG. LA-02
FOR LAYOUT DETAILS

NEW RAMP?

STA. 72+57 (LT)
END NEW SIDEWALK.
REFER TO DWG. LA-02
FOR LAYOUT DETAILS

NEW STREET LIGHT FOUNDATION (TYP.)
(REFER TO LIGHTING TABLE)

NEW EXPOSED AGGREGRATE CONCRETE DRIVEWAY
(SEE DRIVEWAY TABLE)

NEW 2" PVC CONDUIT
(SEE CONDUIT TABLE)

conflict with new street lighting conduit

what is this symbol?? not in legend

DISCONNECT EXISTING WATER SERVICE AND PLUG SERVICE TAP (TYP.) SEE NOTE 2

REMOVE EXISTING CONCRETE PLANTER
ITEM 201.0601

EXISTING WATER SERVICE PIPE TO BE ABANDONED IN PLACE (TYP.) SEE NOTE 2

CURB STOP (TYP.)

gas tree/ service conflict

L 9+00

LUX STREET

BIRCROFT DRIVE

BROOKE WAY

PORTLAND AVENUE

71+00 72+00 73+00 74+00 75+00 76+00

upside down

conflict w/ street lighting conduit??

REMOVE EXISTING TREE

typ

NEW DECORATIVE BOLLARD (TYP.)
ITEM S615.99

NEW CURB RAMP (TYP.)
SEE CURB RAMP TABLE

NEW

SEE NOTE BELOW

NEW EXPOSED AGGREGRATE CONCRETE DRIVEWAY
(SEE DRIVEWAY TABLE)

REMOVE EXISTING CONCRETE PLANTER
(ITEM 201.0601

PROPOSED PERMANENT EASEMENT

conflict

IF NEW RAMP, WHAT ARE YOU DOING WITH THE HYDRANT?

EXISTING WATER SERVICE TO BE REPLACED (TYP.) SEE NOTE 2

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

RANDOLPH STREET

BEGIN CURB

END CURB

REMOVE EXISTING DRIVEWAY APRON AND CURB CUT

SHOW HYD

L 11+00

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

Water service conflict w/tree??

NEW RAMPS??

TO FOOD CUPBOARD?
WILL VERIFY @ PUBLIC MEETING 5/21

STA. 71+49 (RT)
BEGIN NEW SIDEWALK.
REFER TO DWG. LA-02
FOR LAYOUT DETAILS

STA. 73+10 (RT)
END NEW SIDEWALK.
REFER TO DWG. LA-02
FOR LAYOUT DETAILS

TYPICAL ALL SHEETS

LEGEND
- CONCRETE
- EXPOSED AGGREGATE CONCRETE
- BRICK
- GRASS

too close in color

VERIFY THIS!
DO THE NEW RAMPS MEET THE CRITERIA?
4' MIN. PASSAGE ON SIDEWALK SIDE OF RAMP IN THE R.O.W.??
WIDTH & TRANSITION LENGTHS?

SHOW RAMP TABLE & CURB TABLE ON EACH SHEET. (TYP ALL SHEETS)

ALL NEW RAMPS SHOULD BE NUMBERED FOR CLARITY

NOTES:
1. EXISTING BAESMAPPING FEATURES SHOWN ON DRAWING PL-1 ARE HAND DRAWN FROM RECORD DRAWINGS ONLY AND HAVE NOT BEEN FIELD SURVEYED.
2. REFER TO WATER SERVICE DETAILS ON DWG. XX AND WATER SERVICES TABLE ON DWG. CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION.
3. FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON DWG. CT-XX.

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: 1" = 20'
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

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PORTLAND AVENUE REVITALIZATION

ROADWAY PLAN

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DRAWING NO
PL-1
SHEET 14 OF 47
KCI JOB NUMBER
22134062

PLOTTED: 10/14/14
BY: KLOSENKAMPS
FILE: PL-1.DGN

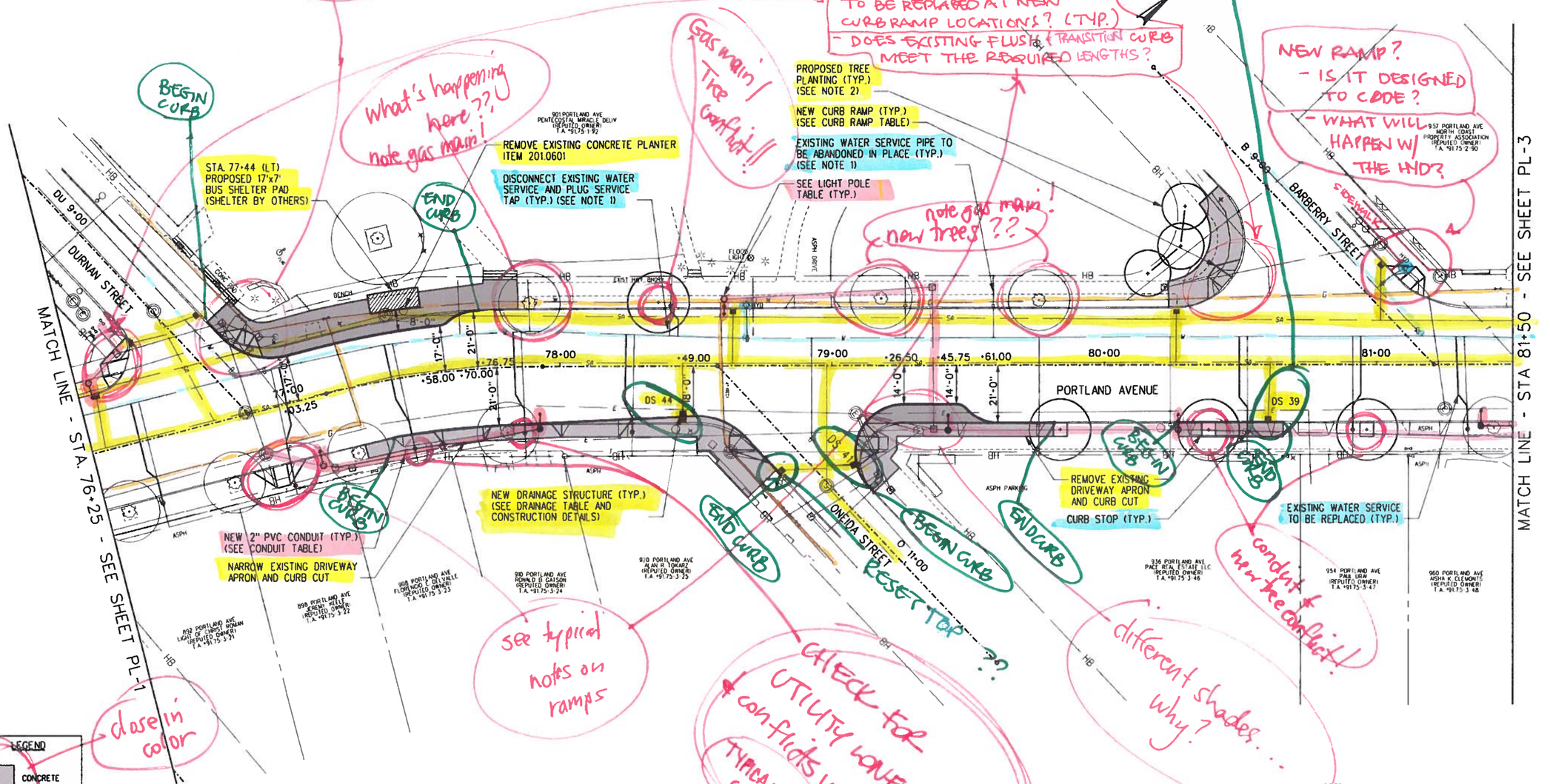
90% PLANS
APRIL 16, 2014

DS / CB #ing confusing!!
number consecutively starting w/ #1
DO NOT USE SURVEY NUMBERING! RENUMBER FOR THE PROJ.

why is hatching different shades? OK (legend)

TYPICAL FOR ALL MEN RAMPS!
- DOES CURB NEED TO BE REPLACED AT NEW CURB RAMP LOCATIONS? (TYP.)
- DOES EXISTING FLUSH & TRANSITION CURB MEET THE REQUIRED LENGTHS?

NEW RAMP?
- IS IT DESIGNED TO CODE?
- WHAT WILL HAPPEN W/ THE HYD?



LEGEND
- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- BRICK
- 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' / 49+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

NOTES:
1. REFER TO WATER SERVICE DETAILS ON DWG. XX AND WATER SERVICES TABLE ON DWG. CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION.
2. FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON DWG. CT-XX.

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

DATE: APR. 2014
SCALE: 1" = 20'
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

REVISIONS

NO.	DATE	DESCRIPTION	BY

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PORTLAND AVENUE REVITALIZATION

ROADWAY PLAN

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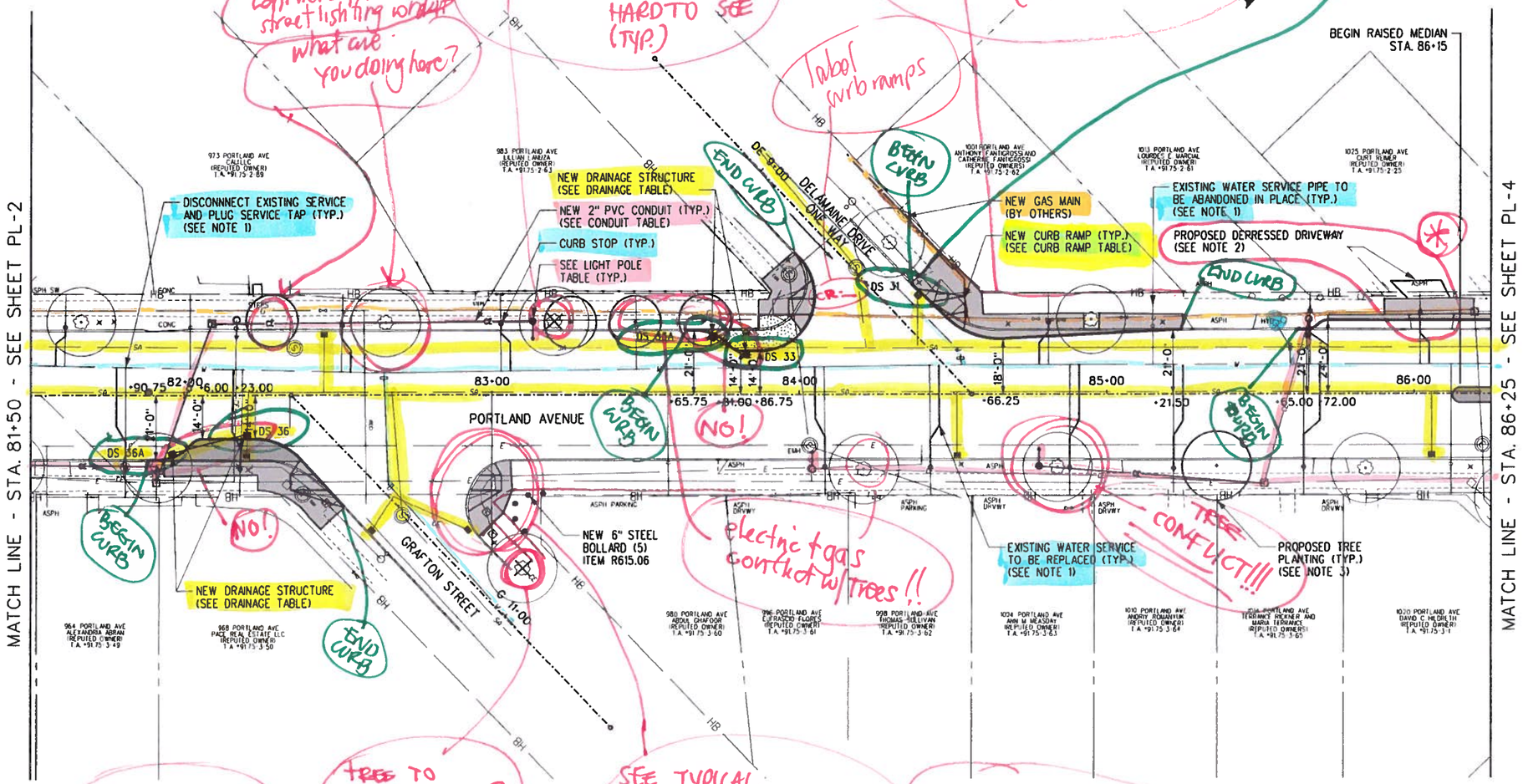
DRAWING NO.
PL-2
SHEET 35 OF 47
KCI JOB NUMBER
22134062

PLOTTED: 10/14/14
BY: BUSENAME$
FILE: $FULNAM

90% PLANS
APRIL 16, 2014

CB/DS #'ing confusing!



Show "X" larger/bolder - hard to see (typ.)

conflict w/new street lighting conduit what are you doing here?

show bldg edge hatched! (typ. all sheets)

label curb ramps

electric & gas conflict w/trees!!

TREE CONFLICT!!!

shading is too close in color

~~TREE~~ TO ~~BE~~ REMOVED? "X" thru it...

SEE TYPICAL NOTES ON OTHER SHEETS WHERE RAMPS ARE INSTALLED W/O REPLACING CURB

BE SURE TO SHOW THE CORRECT RAMP ON PLANS!

where is this?

LEGEND
- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- BRICK
- GRASS

CURB RADIUS DATA

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

NOTES:
1. REFER TO WATER SERVICE DETAILS ON DWG. XX AND WATER SERVICES TABLE ON DWG. CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION.
2. REFER TO DRIVEWAY LAYOUT DETAIL ON DWG. XX FOR DEPRESSED DRIVEWAY LAYOUT OF 1025 PORTLAND AVENUE.
3. FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON DWG. CT-XX.

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

NO.	DATE	REVISIONS DESCRIPTION	BY

DATE: APR. 2014
SCALE: 1" = 20'
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

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PORTLAND AVENUE REVITALIZATION

ROADWAY PLAN

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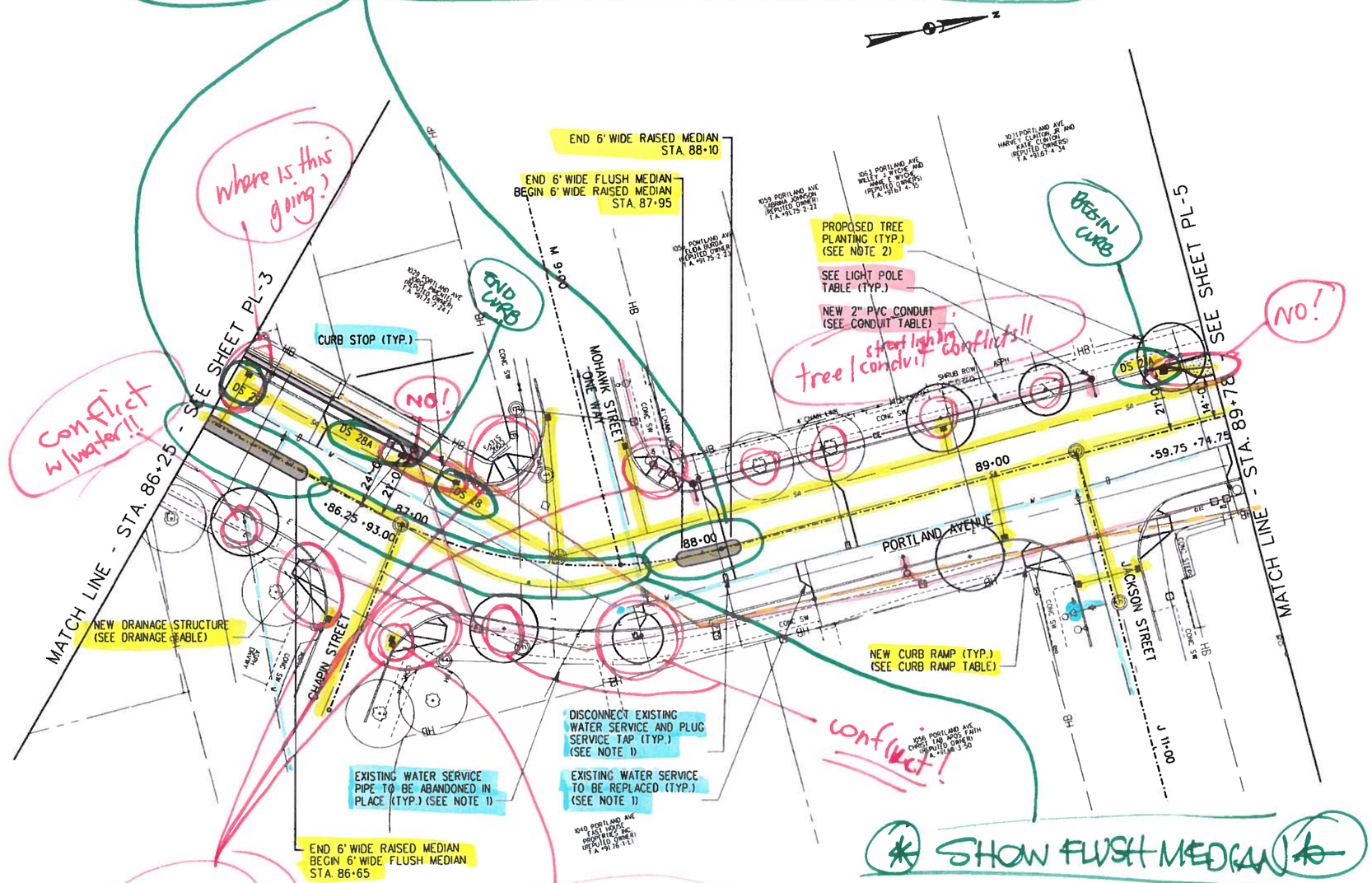
DRAWING NO.
PL-3
SHEET 16 OF 47
KCI JOB NUMBER
22134062

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

NEED TO PROVIDE MORE DETAIL FOR INSTALLING MEDIAN – HOW WILL IT BE CONSTRUCTED??

90% PLANS
APRIL 16, 2014



LEGEND

- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- BRICK
- GRASS

NOTES:
1. REFER TO WATER SERVICE DETAILS ON DWG. XX AND WATER SERVICES TABLE ON DWG. CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION.
2. FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON DWG. CT-XX.
3. FLUSH MEDIAN, STA. 86+65 TO STA. 87+95, BY OTHERS.

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: 1" = 20'
DESIGNED BY: AMW/CJL
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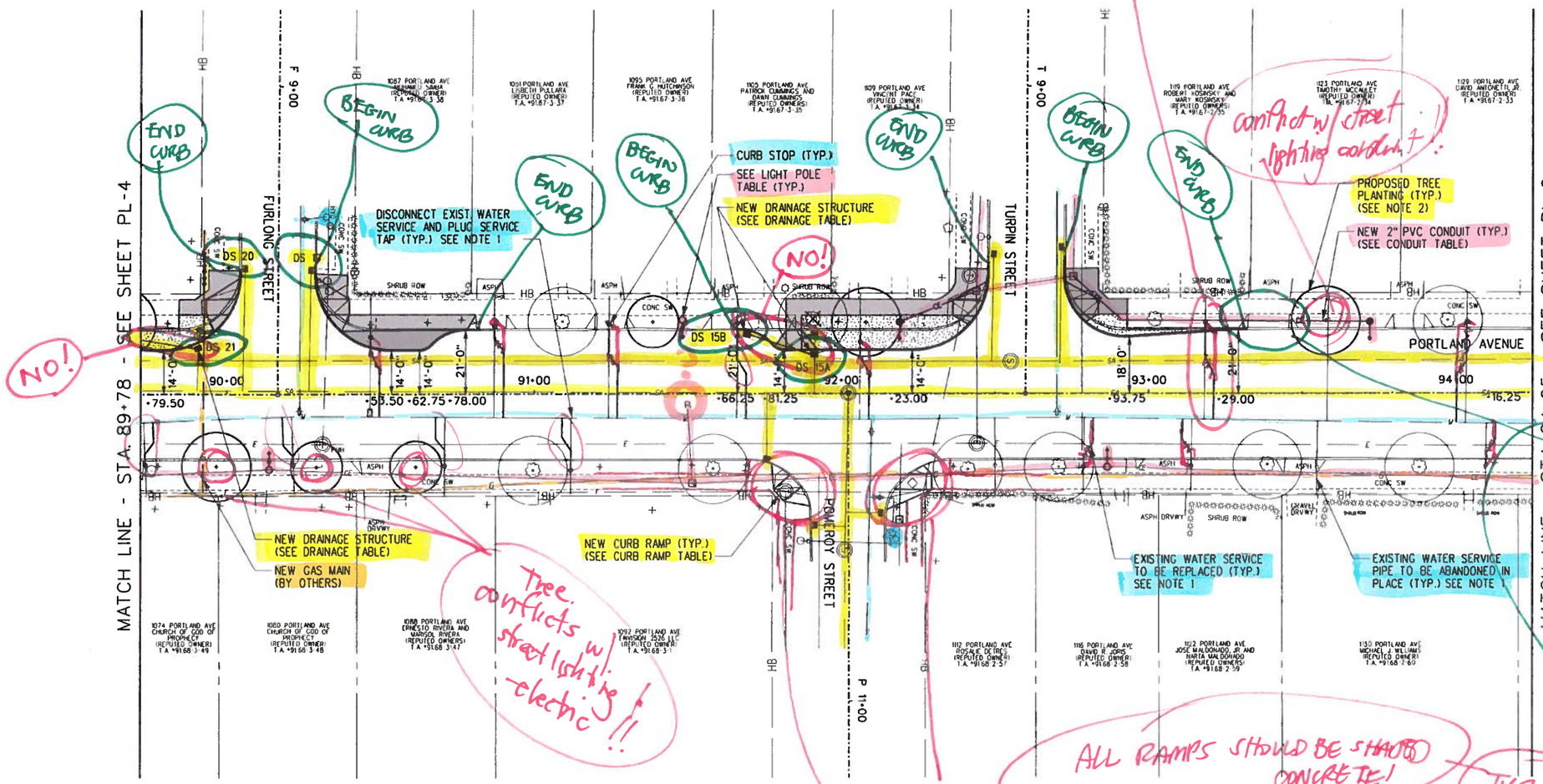
DRAWING NO.
PL-4
SHEET 37 OF 47
KCI JOB NUMBER
22134062

PLOTTED: 4/24/15
BY: RUSERNAME$
FILE: $FILE$

90% PLANS
APRIL 16, 2014



LEGEND

- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- BRICK
- 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

NOTES:
1. REFER TO WATER SERVICE DETAILS ON DWG. XX AND WATER SERVICES TABLE ON DWG. CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION.
2. FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON DWG. CT-XX.

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: 1" = 20'
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

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ROADWAY PLAN

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DRAWING NO.
PL-5
SHEET 38 OF 47
KCI JOB NUMBER
22134062

PLOTTED BY: AMW
PLOT DATE: 4/16/2014

R 608 - 1, 2, 3, 4
S 608 - 13, 14, 15, 16
S 608 - 38

RAMP DESIGN MUST MEET DESIGN CRITERIA - THERE ARE 9 DIFFERENT DESIGNS TO CHOOSE FROM. MUST ALLOW A MINIMUM OF 4' LANDING AREA IN THE R.O.W. FOR A CONFORMING RAMP INSTALLATION

TYPICAL FOR ALL NEW RAMPS!

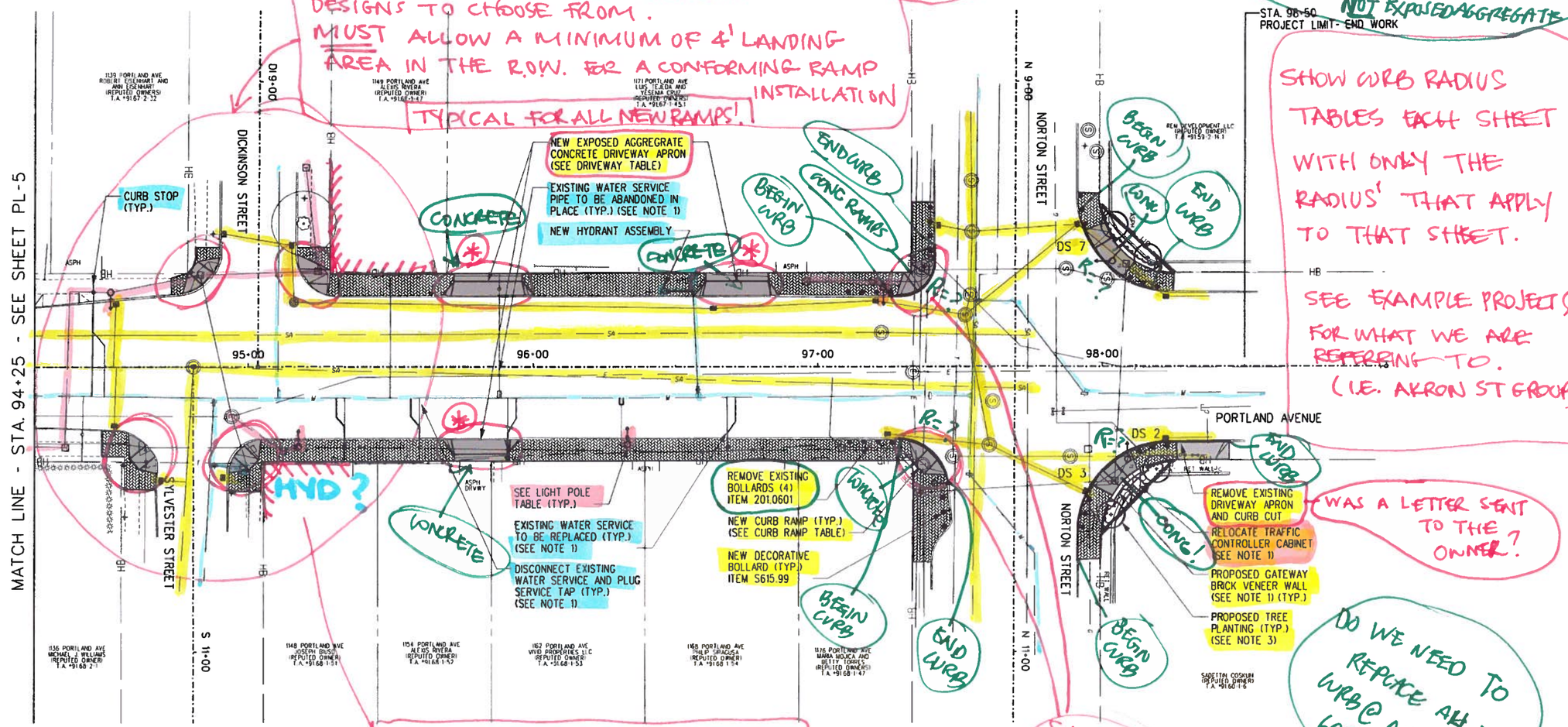
* SHOW THE CORRECT RAMP @ EACH NEW LOCATION.
* ALSO SHOW A TABLE WITH ITEM #
ON EACH SHEET

90% PLANS
APRIL 16, 2014

* ALL CURB RAMPS TO BE CONCRETE
NOT EXPOSED AGGREGATE

SHOW CURB RADIUS TABLES EACH SHEET WITH ONLY THE RADIUS' THAT APPLY TO THAT SHEET.

SEE EXAMPLE PROJECTS FOR WHAT WE ARE REFERRING TO. (I.E. AKRON ST GROUP)



NOTES:
1. REFER TO CONTROLLER LOCATION DIAGRAM FOR PROPOSED LOCATION OF TRAFFIC CONTROLLER CABINET AND GATEWAY BRICK VENEER WALL.
2. REFER TO WATER SERVICE DETAILS ON DWG. XX AND WATER SERVICES TABLE ON DWG. CT-1 THROUGH CT-3 FOR ADDITIONAL INFORMATION.
3. FOR LOCATIONS AND SPECIES OF TREE PLANTINGS, REFER TO TREE PLANTING TABLE ON DWG. CT-XX.

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

NO.	DATE	REVISIONS DESCRIPTION	BY

DATE: APR. 2014
SCALE: 1" = 20'
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

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PORTLAND AVENUE REVITALIZATION
ROADWAY PLAN

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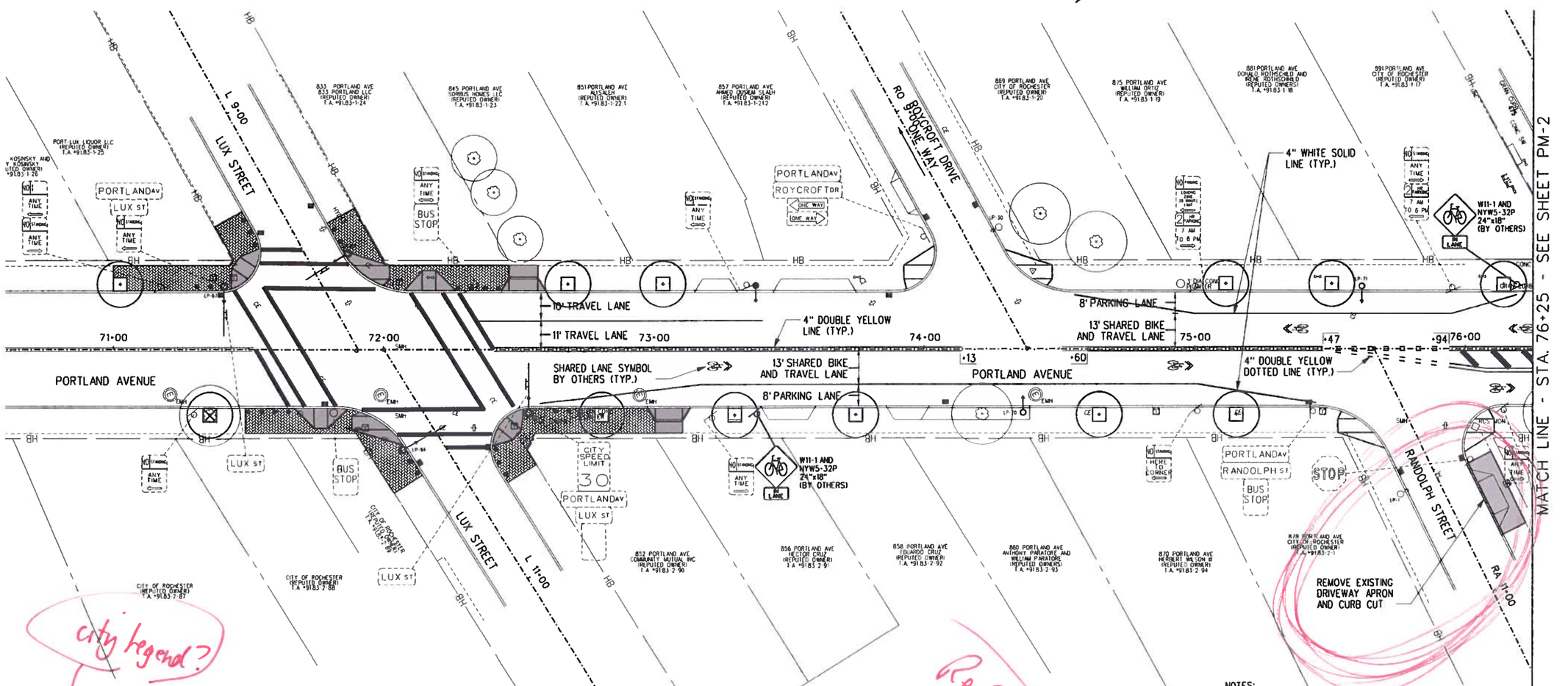
DRAWING NO
PL-6
SHEET 39 OF 47
KCI JOB NUMBER
22134062

PLOTTED $DATE$
BY $USERNAME$
FILE FIL

90% PLANS
APRIL 16, 2014



city legend?

SIGN LEGEND

RR SIGN	= REMOVE & RELOCATE EXISTING SIGN (EXISTING / PROPOSED)
R SIGN	= EXISTING SIGN TO BE REMOVED
SIGN	= EXISTING SIGN TO REMAIN
SIGN	= NEW SIGN LOCATION (MUTCD & ITEM)

LEGEND

- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- BRICK
- GRASS

close in color

Refer to MCDOT Comments

NOTES:

1. PERMANENT PAVEMENT MARKINGS, AS SHOWN ON THESE DRAWINGS, 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.
2. PROPOSED SIGNAGE SHOWN ON THESE PLANS AS "BY OTHERS" WILL BE INSTALLED BY OTHERS IN CONJUNCTION WITH THE FUTURE PAVEMENT MAINTENANCE, MILLING AND RESURFACING PROJECT ON PORTLAND AVENUE.
3. THE EXISTING TRAFFIC SIGNAL POLES, MAST ARMS, AND PEDESTRIAN SIGNAL POLES AT THE LUX STREET, DURNAN STREET, AND NORTON STREET INTERSECTIONS WITH PORTLAND AVENUE SHALL BE PAINTED BLACK, OR AS APPROVED BY THE ENGINEER, IN ACCORDANCE WITH PAY ITEMS C686.52 PAINTING SIGNAL POLE AND ARM AND C686.53 PAINTING PEDESTRIAN SIGNAL POLE.

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: 1" = 20'
DESIGNED BY: AMV/CJL
DRAWN BY: KLO/MED

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PORTLAND AVENUE REVITALIZATION

PAVEMENT MARKING AND SIGNAGE PLAN

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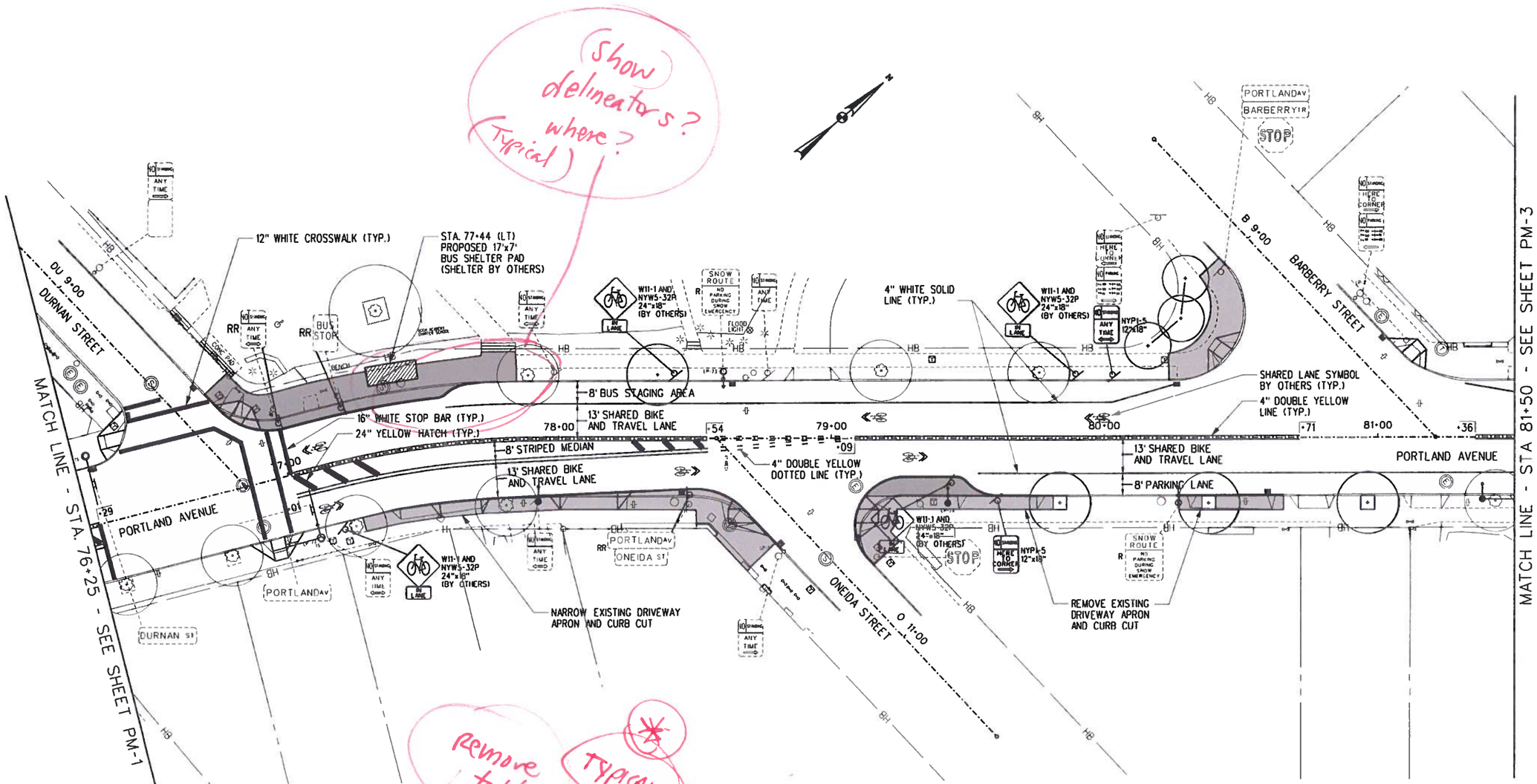
DRAWING NO.
PM-1
SHEET 40 OF 47
KCI JOB NUMBER
22134062

PLOTTED @DATE$
BY @USERNAME$
ON @D$

90% PLANS
APRIL 16, 2014



remove to the TYPICAL

show + label on plan with item #

SIGN LEGEND

RR SIGN	= REMOVE & RELOCATE EXISTING SIGN
	= EXISTING
	= PROPOSED
R SIGN	= EXISTING SIGN TO BE REMOVED
SIGN	= EXISTING SIGN TO REMAIN
SIGN	= NEW SIGN LOCATION (MUTCD & ITEM)

LEGEND

- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- BRICK
- 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:

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: 1" = 20'
DESIGNED BY: AMW/CJL
DRAWN BY: KLOMED

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

PAVEMENT MARKING AND SIGNAGE PLAN

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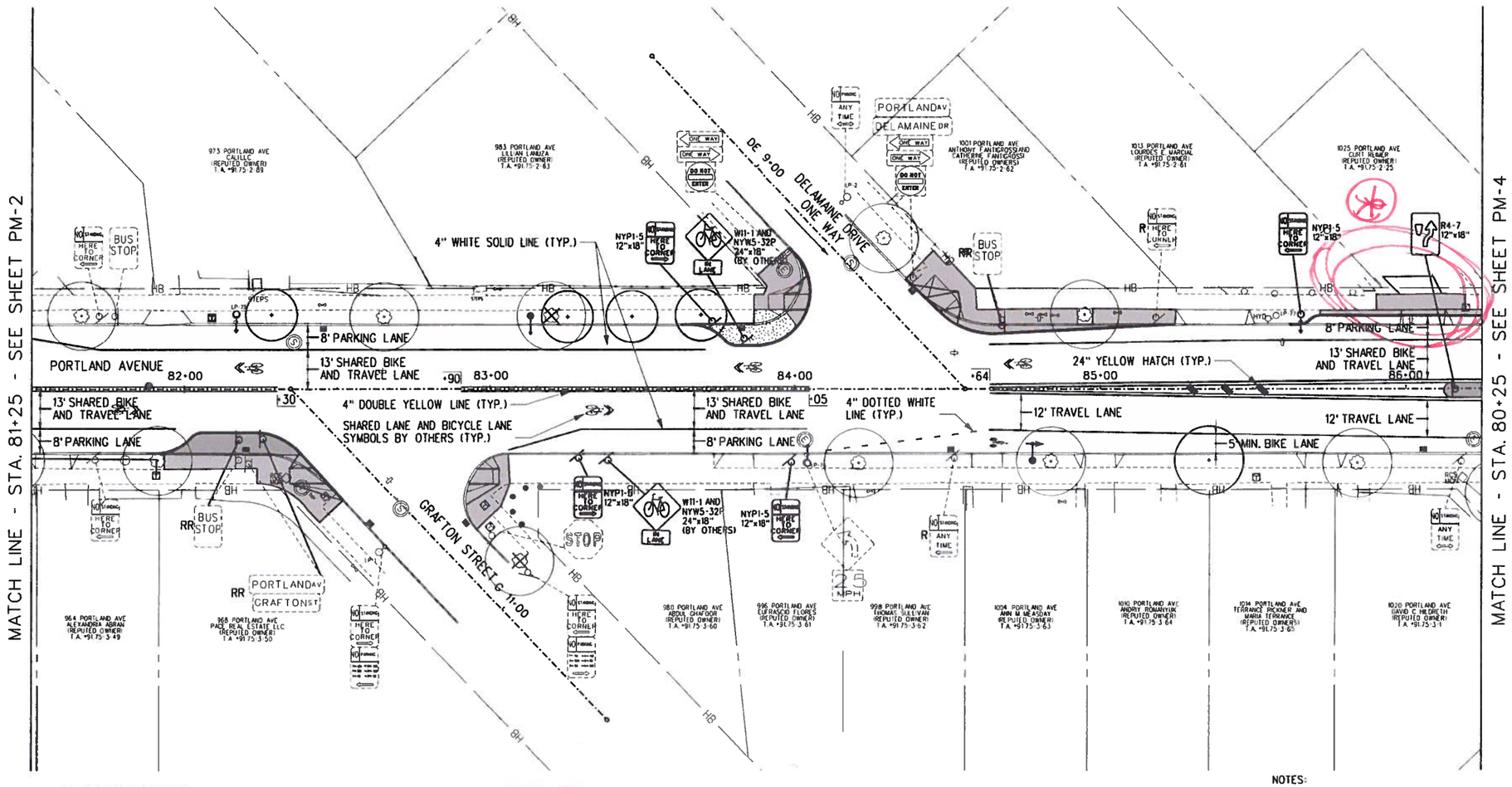
DRAWING NO.
PM-2
SHEET 41 OF 47
KCI JOB NUMBER
22134062

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

90% PLANS
APRIL 16, 2014



SIGN LEGEND

- RR SIGN - REMOVE & RELOCATE EXISTING SIGN
  - EXISTING
  - PROPOSED
- R SIGN - EXISTING SIGN TO BE REMOVED
- SIGN - EXISTING SIGN TO REMAIN
- SIGN - NEW SIGN LOCATION (MUTCD & ITEM)

LEGEND

- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- BRICK
- 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.

show + label on plan w/ item# (typ)

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: 1" = 20'
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

PAVEMENT MARKING AND SIGNAGE PLAN

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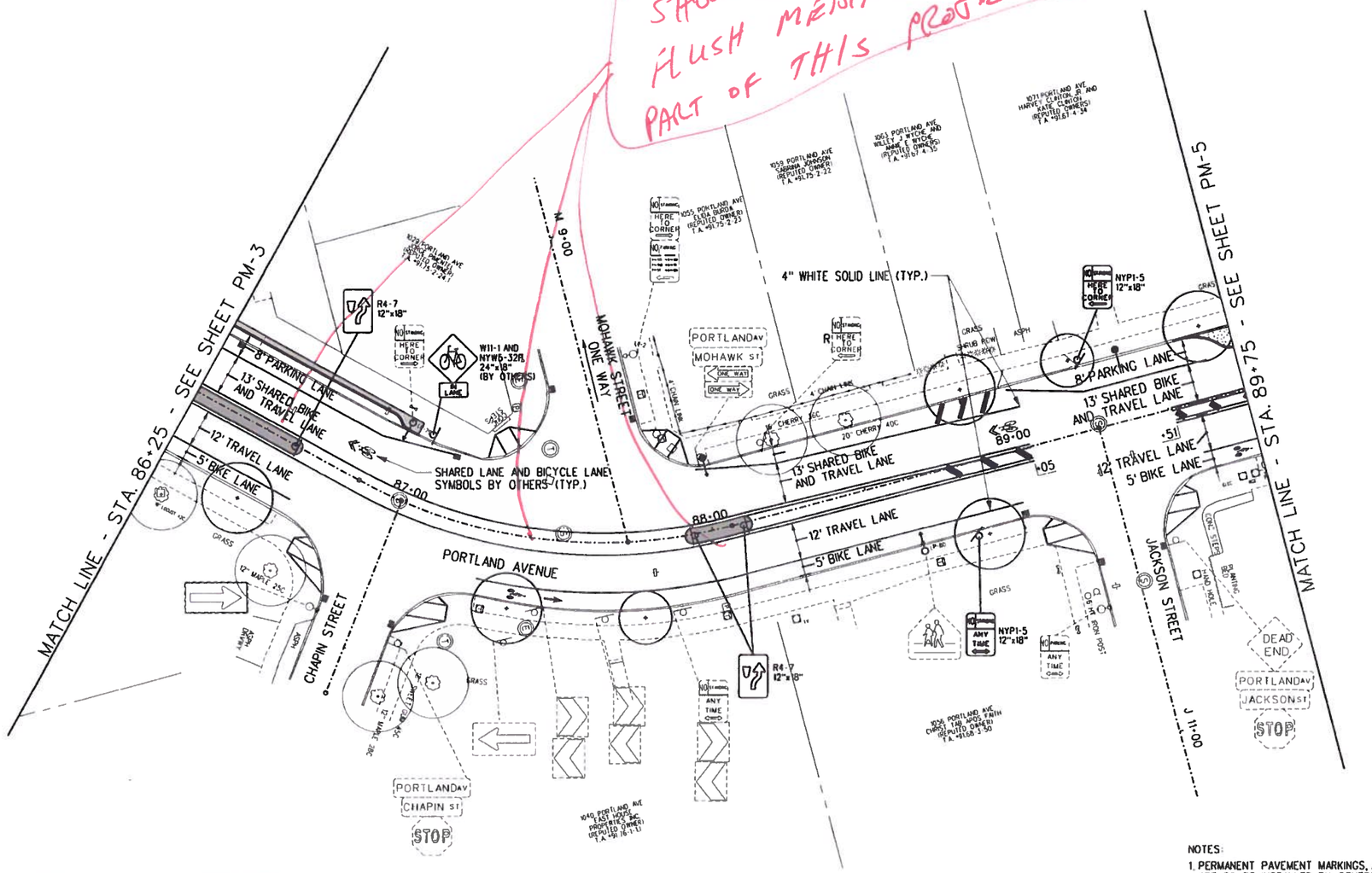
DRAWING NO.
PM-3
SHEET 42 OF 47
KCI JOB NUMBER
22134062

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

90% PLANS
APRIL 16, 2014

SHOW RAISED & FLUSH MEDIAN AS PART OF THIS PROJECT.



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  - EXISTING
  - PROPOSED
- R SIGN - EXISTING SIGN TO BE REMOVED
- SIGN - EXISTING SIGN TO REMAIN
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LEGEND

- CONCRETE
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- BRICK
- 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.

show + label on plan w/ item #

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SCALE: 1"=20'

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: 1" = 20'
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

PAVEMENT MARKING AND SIGNAGE PLAN

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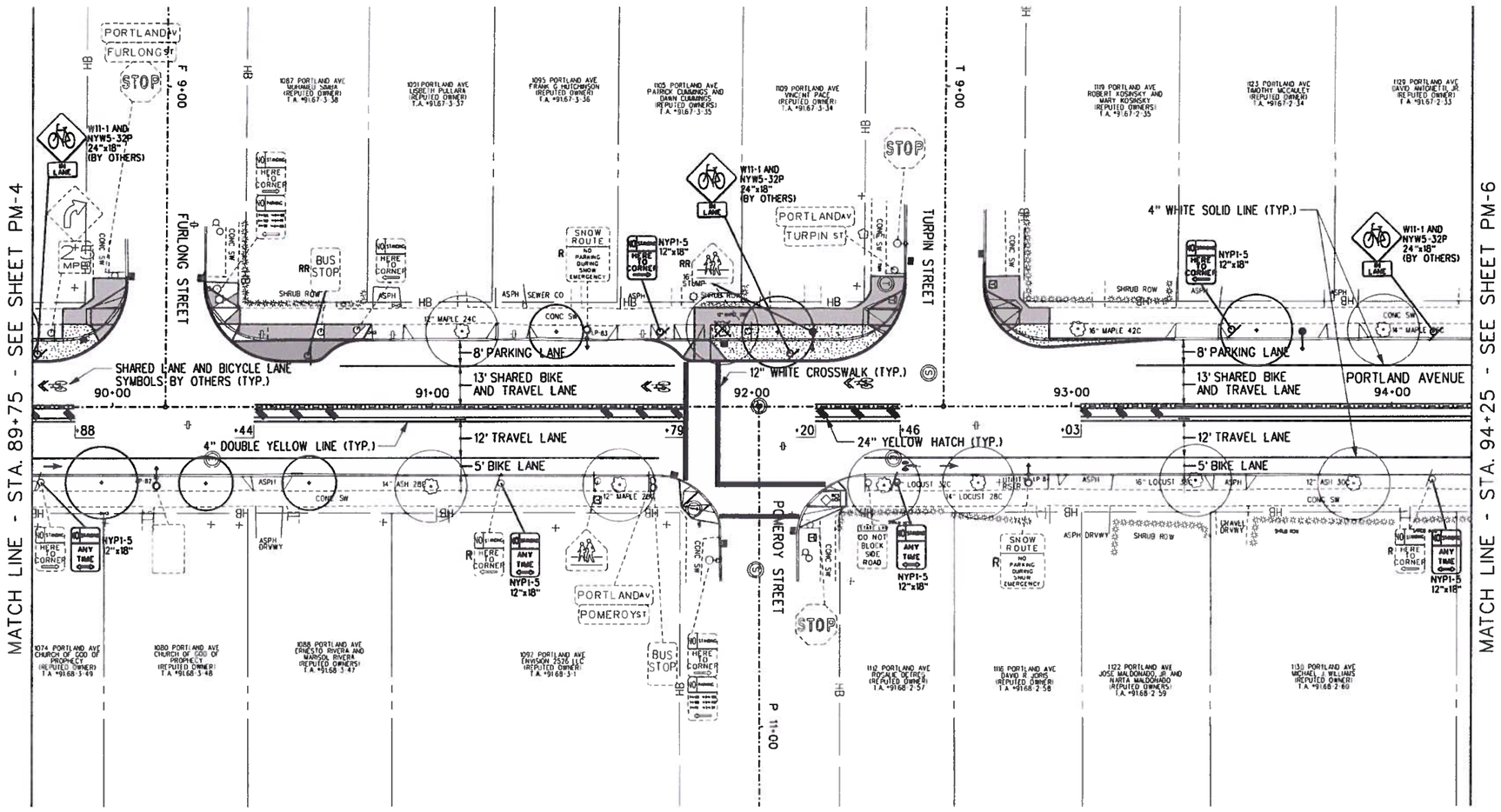
DRAWING NO.
PM-4
SHEET 43 OF 47
KCI JOB NUMBER
22134062

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

90% PLANS
APRIL 16, 2014



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- SIGN = EXISTING SIGN TO REMAIN
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LEGEND

- CONCRETE
- EXPOSED AGGREGRATE CONCRETE
- BRICK
- GRASS

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
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show & label plan w/ item #

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: 1" = 20'
DESIGNED BY: AMW/CJL
DRAWN BY: KLO/MED

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

PAVEMENT MARKING AND SIGNAGE PLAN

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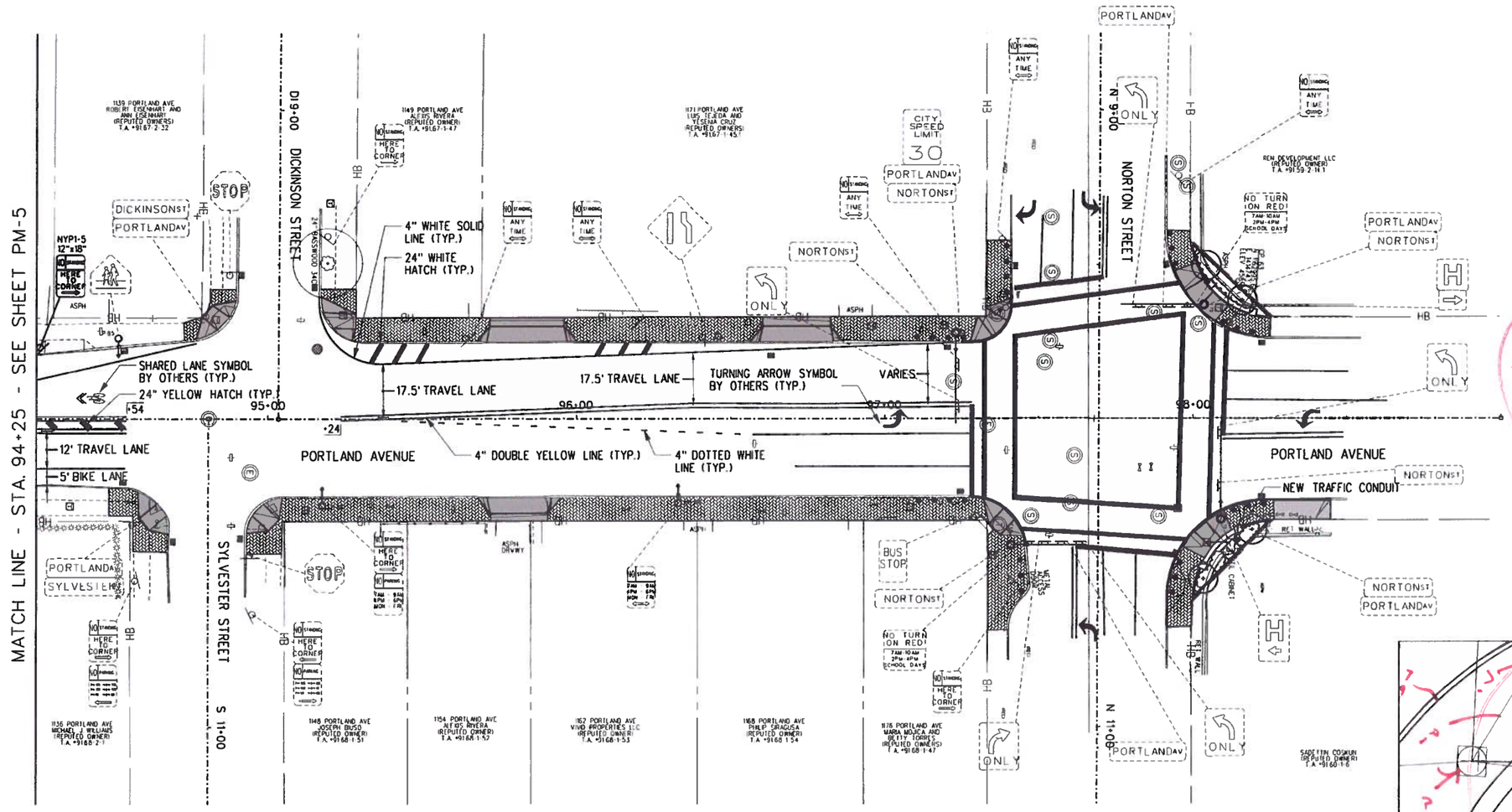
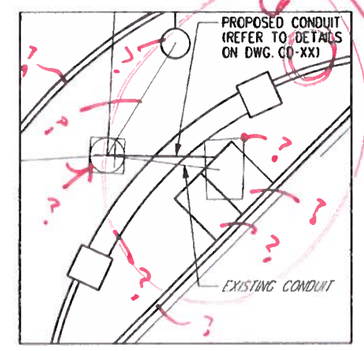
DRAWING NO
PM-5
SHEET 44 OF 47
KCI JOB NUMBER
22134062

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

90% PLANS
APRIL 16, 2014





TRAFFIC CONDUIT DETAIL
NOT TO SCALE

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

what is this showing ??
label the drawing ??

SAY WHAT IT IS what kind of conduit?

SIGN LEGEND

- RR SIGN - REMOVE & RELOCATE EXISTING SIGN (EXISTING / PROPOSED)
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- SIGN - EXISTING SIGN TO REMAIN
- SIGN - NEW SIGN LOCATION (MUTCD & ITEM)

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- BRICK
- GRASS

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REVISIONS			
NO.	DATE	DESCRIPTION	BY

DATE: APR. 2014
SCALE: 1" = 20'
DESIGNED BY: MAW/CJL
DRAWN BY: KLO/MED

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

PAVEMENT MARKING AND SIGNAGE PLAN

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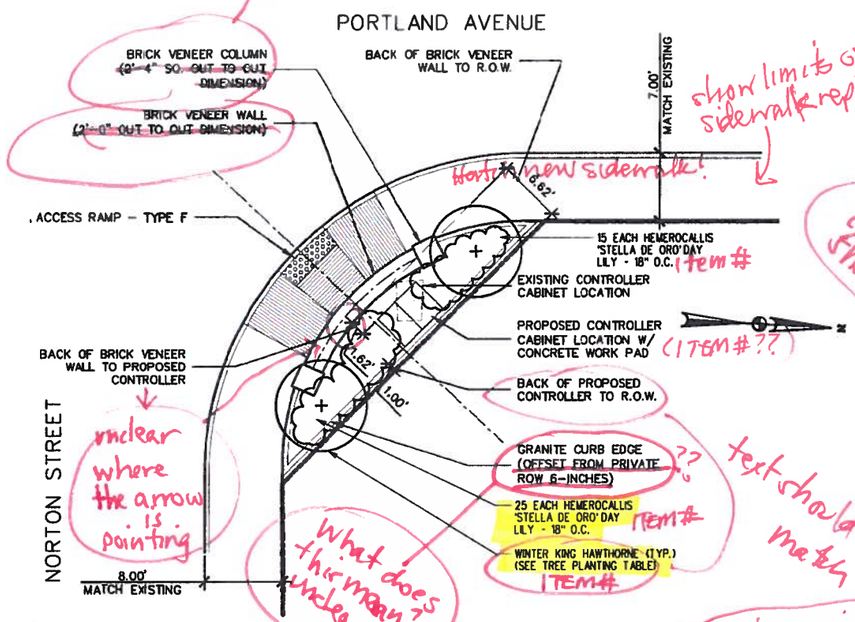
DRAWING NO.
PM-6
SHEET 45 OF 47

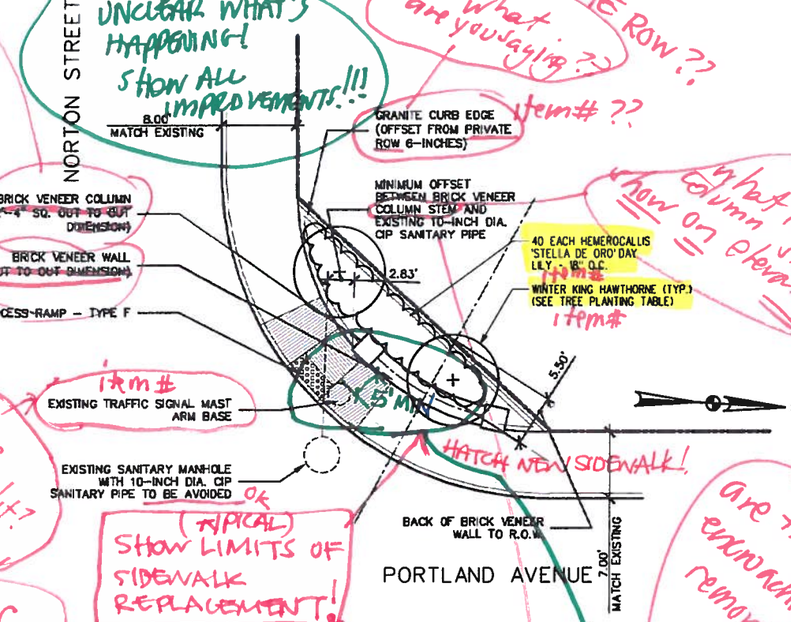
KCI JOB NUMBER
22134062

PLOTTED: 10/14/14
BY: KLOSCHNAMES
FILE: PM-6.dwg

shown on elevation? no need to label dims here.



GATEWAY FEATURE WALL (EAST) LOCATION DIAGRAM
NOT TO SCALE



GATEWAY FEATURE WALL (WEST) LOCATION DIAGRAM
NOT TO SCALE

UNCLEAR WHAT'S HAPPENING! SHOW ALL IMPROVEMENTS!!!

PRIVATE ROW??

what are you saying??

item# ??

what is the column stem?? show on elevation

what does that mean?

what are we doing w/it? show item#

item#

HATCH NEW SIDEWALK!

(TYPICAL) SHOW LIMITS OF SIDEWALK REPLACEMENT!

text should match

what is the "private row"???

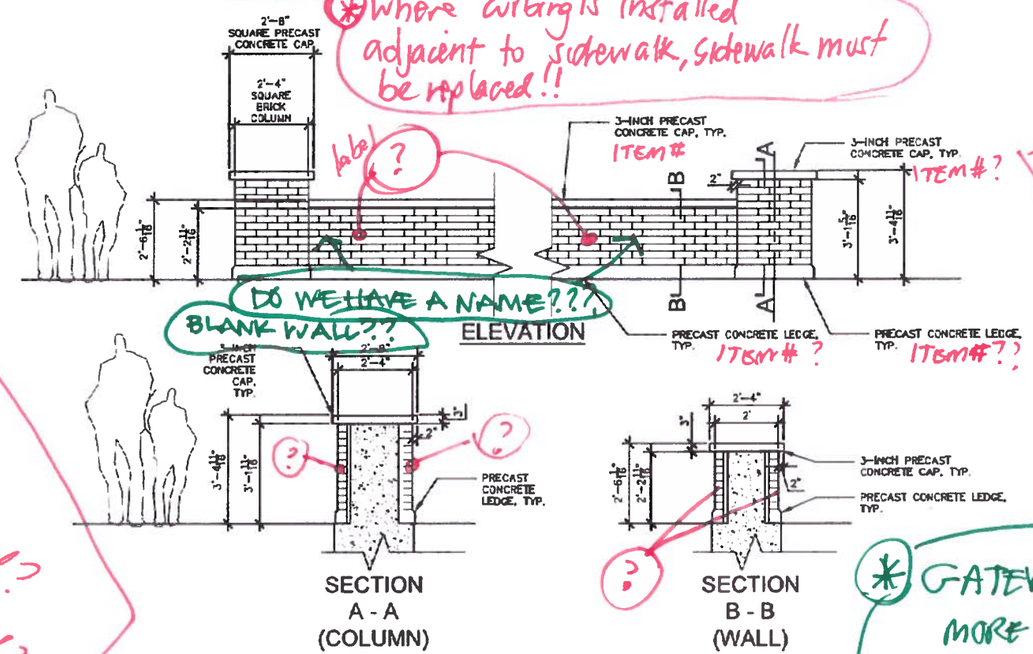
what is the extent of sidewalk replacement?

where curbing is installed adjacent to sidewalk, sidewalk must be replaced!!

are there any encroachments to be removed? ie. curbing/plantings? if so show + label as such (typ)

to what point are you measuring from the sanitary MH?? center? (state where) edge? hm?

MUST HAVE A MINIMUM 5' CLEARANCE FOR SIDEWALK PLOWS + ADA COMPLIANCE



label?

ITEM#

ITEM#?

ITEM#?

ITEM#?

DO WE HAVE A NAME???

BLANK WALL??

GATEWAY FEATURE WALL SCHEMATIC ELEVATION AND SECTIONS
NOT TO SCALE

- How will cap be fastened?
- Drip edge? needed?
- foundation detail?
- show all utility conflicts!!

HAVE THE INDIVIDUAL UTILITIES BEEN NOTIFIED OF POTENTIAL CONFLICT? DOCUMENTED??

GATEWAY NEEDS MORE DETAIL!
- HOW WILL IT BE CONSTRUCTED???

90% PLANS
APRIL 16, 2014

DATE: APR. 2014	SCALE: NTS	DESIGNED BY: DM/TL	DRAWN BY: TL/KLO

REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

LANDSCAPE DETAILS

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the LA group
Landscape Architecture and Engineering, PC
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F 518/587-0160
www.thelagroup.com

DRAWING NO.
LA-1
SHEET 46 OF 47
KCI JOB NUMBER
22134062

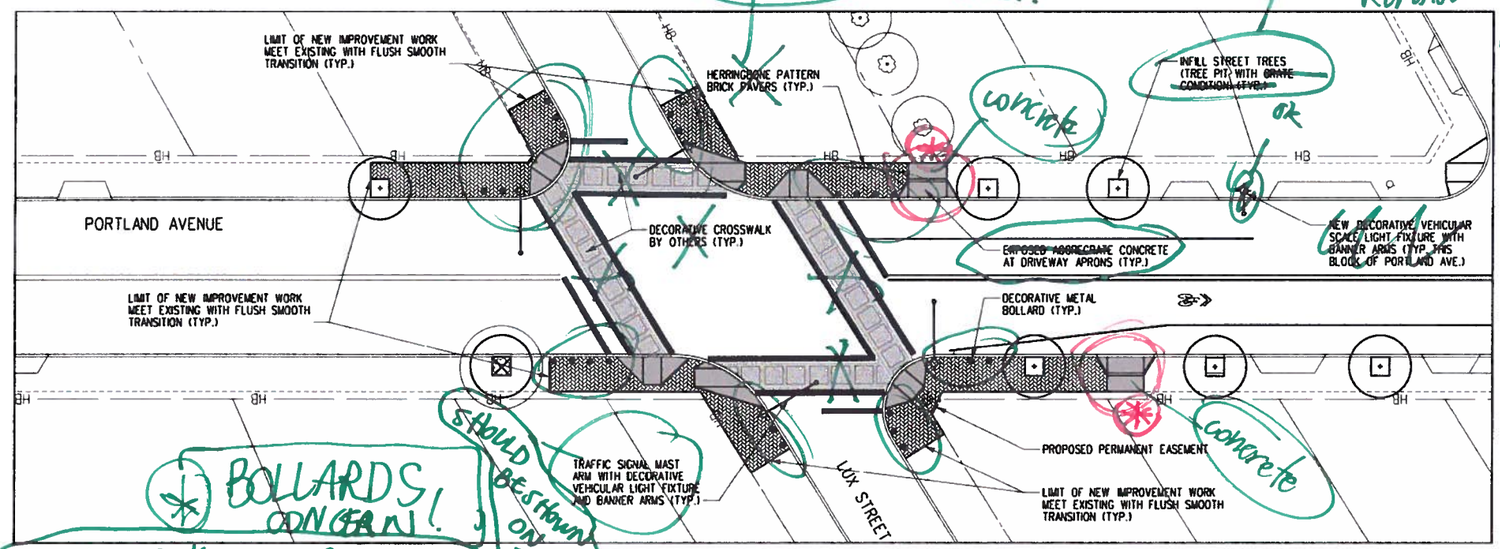
PLOTTED: $DATE$
BY: $USERNAME$
FILE: $FILENAME$

ALL OF THIS WORK SHOULD BE SHOWN ON PL SHEETS - CONFUSING WHEN IT IS SEPARATE!!

90% PLANS
APRIL 16, 2014

NO BRICK - exposed aggregate instead!

NO GRATES! REPLACE w/ MULCH OR FLEXIPAVE! RETURN GRATES TO CITY



LUX STREET GATEWAY PLAN
NOT TO SCALE

concrete

OR

BOLLARDS CONCERN!

SHOULD BE shown on PL/PM sheets!

- what is the significance of the bollards?
  - justification?
  - concern with sidewalk clearance
  - too close to face of curb - should be more than 2' (say 3') face to face from curb

TOO SMALL

SHOULD BE TO SCALE!

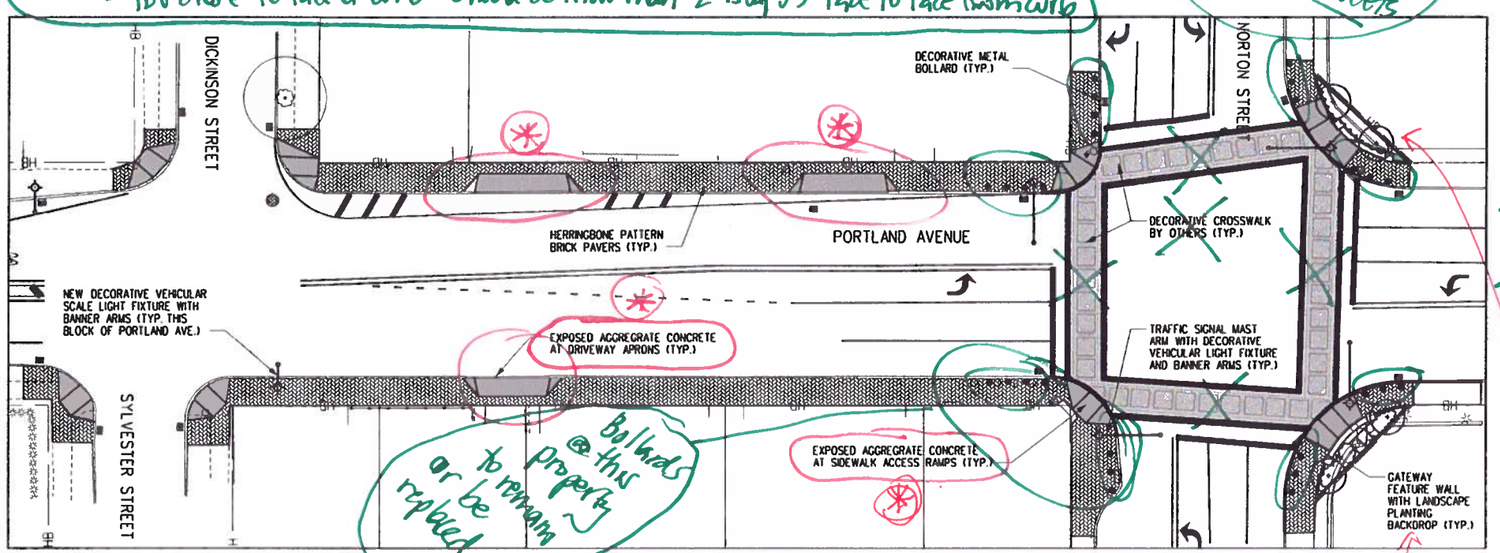
show STRIPING on PM sheets

WHY DO WE NEED THIS PLAN?? What does it have that the PL sheets don't have?

Info this sheet should be shown on the PL sheets!

No reason for separate sheet (?)

if this is a detail plan then make scale larger so it is visible!!



Bollards @ this property to remain or be replaced

NORTON STREET GATEWAY PLAN
NOT TO SCALE

SMALL FOR A DETAILED PLAN!

SHOULD BE TO SCALE!

(reference plan sheet where plantings are located)

REVISIONS			
NO	DATE	DESCRIPTION	BY

DATE: MAY 2014
SCALE: N/S
DESIGNED BY: DM/TL
DRAWN BY: TL/KLO

CITY OF ROCHESTER, NEW YORK
PORTLAND AVENUE REVITALIZATION

LANDSCAPE DETAILS

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DRAWING NO
LA-2
SHEET 47 OF 47
KCI JOB NUMBER
22134062

PLOTTED BY: BUSERNAME
DATE: 4/16/2014