



13106-01cover.dgn G:\PROJ\STD\RESIDENTIAL CURB RAMPS 2013 Lattimore Area\CADD\CONT_DRAW

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

CITY OF ROCHESTER, NEW YORK DEPARTMENT OF ENVIRONMENTAL SERVICES



STREET IMPROVEMENT PROGRAM **RESIDENTIAL SIDEWALK** CURB RAMPS 2014 BOUNDARIES OF PROJECT NORTH - CRITTENDEN BOULEVARD SOUTH - WESTMORELAND ROAD WEST - KENDRICK ROAD EAST - SOUTH AVENUE

PN 13106

6/17/14

DATE

MES R. MCINTOSH, P.E TITY ENGINEER CITY OF ROCHESTER

6/17/44

DATE

- SIDEWAI MPS 2014 SIDENT CURB I

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. . 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

- CONTRACTOR IS TO BE AWARE OF AND FAMILIAR WITH REQUIREMENTS OF SECTIONS 89-9 TREES AND 89-12 PENALTIES OF CITY CODE AS THEY WILL BE STRICTLY ADHERED TO. CITY CODE CAN
- BE FOUND ON CITY OF ROCHESTER'S WEB SITE AT http://www.cityofrochester.gov/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, NO EQUIPMENT OR MATERIALS SHALL BE STORED OVER THE TREE ROOT ZONE.

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. · 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.
- 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

- . 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.
- . 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

- 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 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.

)	CURB	BOXES	ARE	ΤO	ΒE	

LEGEND

EXISTING

-----RIGHT-OF-WAY LINE

_____X_____X_____ FENCE LINE AND TYPE

BUILDING LINE

USGS/USC&GS MONUMENT

CURB LINE AND TYPE

TREE AND DIAMETER AT DBH

--- COMBINED SEWER, SIZE AND TYPE

CATCH BASIN AND LATERAL

-O---- HYDRANT, BRANCH AND WATER VALVE

CONCRETE STREET LIGHT POLE

WOOD POWER POLE W/GUY WIRE

UTILITY HANDHOLE OR PULLBOX

UTILITY MANHOLE W/ VAULT

WOOD POWER POLE W/STREET LIGHT

METAL STREET LIGHT POLE

SEWER CLEAN-OUT

----- 6"W ------- WATER MAIN AND SIZE, WATER VALVE

MONITORING WELL

WOOD POWER POLE

CTV ----- CTV CABLEVISION UNDERGROUND CONDUIT

----- FO ------ FIBER OPTICS UNDERGROUND CONDUIT

— T — TELECOMMUNICATIONS UNDERGROUND CONDUIT

FIBERGLASS STREET LIGHT POLE

CITY OF ROCHESTER HANDHOLE

CITY OF ROCHESTER PULLBOX

TRAFFIC SIGNAL CONTROL BOX

MAIL BOX AND CONCRETE PAD

SIGN POST AND SIGN PANEL

PEDESTRIAN SIGNAL POLE W/SIGNAL HEAD

TRAFFIC SIGNAL POLE W/STREET LIGHT

CITY OF ROCHESTER STREET LIGHTING CONDUIT

GAS MAIN AND SIZE, GAS VALVE

TRAFFIC SIGNAL POLE

E ELECTRIC UNDERGROUND CONDUIT

----- WATER SERVICE AND CURB STOP

CATCH BASIN W/CAPSTONE AND LATERAL

SLATE SIDEWALK

SHRUB ROW

SEWER MANHOLE

->--- SAN ------ SANITARY SEWER, SIZE AND TYPE

HORIZONTAL CONTROL MONUMENT

VERTICAL CONTROL MONUMENT

BORE LOCATION AND REFERENCE NUMBER

CORE LOCATION AND REFERENCE NUMBER

----- PROPERTY LINE

//////

USC&GS

RCS •

rts 🥥

CHAIN LINK

MEDINA

^{CO} 🔘

CLPO

MLP O→

Ø

нн 🖂

0

16″LP

_____ST_____STEAM LINE AND SIZE

TRAFFIC SIGNAL CONDUIT

---- OVERHEAD UTILITIES

FLAG POLE

PARKING METER

СНН

CPB

PED

TSCB 'n

POLE

PM 🔘

СĤ

 \bigcirc

n BOX

WPP

GUY

15"CMP

8″VTF

B-1

C-1

USGS/

			ABBREVIATIONS	13 TO ING
PROPOSED		ABND	ABANDONED	ERIC MAY MAY 3.20
RIGHT-OF-WAY	LINE	AOBPM APPROX	ADJUST AS ORDERED BY PROJECT MANAGER APPROXIMATE	GENI GENI CON DJEC
PROPERTY LIN	E	ASPH BLDC	ASPHALT BASELINE BULL DINC	S A AND AND FILY S PR
RCS A HORIZONTAL C	ONTROL MONUMENT	BLDG BM B/T	BUILDING BENCH MARK BLACKTOP	IS I ING / TED SSAR THIS
RTS VERTICAL CON	TROL MONUMENT	C CALC CIP	CURB CALCULATED CAST IRON PIPE	TH DRAW EPIC NECE
		Ç CMP CONC	CENTERLINE CORRUGATED METAL PIPE CONCRETE	
STEEL CURB		COR A DH	CITY OF ROCHESTER DELTA OF CURVE DRILL HOLE	Service Service I O • P •
····· ADDITIONAL W	ORK LIMIT LINE	DIA DIP DRWY	DIAMETER DUCTILE IRON PIPE DRIVEWAY	mental neering v York G I G L
CONCRETE SID	EWALK/DRIVEWAY	DWG E FLFV	DRAWING EXTERNAL DISTANCE ELEVATION	Environ Id Engir ter, Nev RT J
ASPHALT DRIV	EWAY	EXIST	EXISTING FRONTIER COMMUNICATIONS	nent of ture ar Roches ALBE
MISCELLANEOU SEE GENERAL	IS EXCAVATION - NOTE #10	G HORZ/HORIZ	GUTTER HORIZONTAL	Departn Architec City of NEER
PAVEMENT REH	ABILITATION/RECONSTRUCTION AREA	INV IP L	INVERT IRON PIN LENGTH OF CURVE	
TREE PLANTIN	G	LH LT MAX	SEWER LAMP HOLE LEFT MAXIMUM	
E CB-1 CATCH BASIN	FRAME AND GRATE ADJUSTMENT	MCDOT MCDPH MCPW	MONROE COUNTY DEPARTMENT OF TRANSPORTATION MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH MONROE COUNTY DIVISION OF PURE WATERS	
CB-1 CATCH BASIN			MONROE COUNTY WATER AUTHORITY MINIMUM	
MH-1 Manhole fram	E AND COVER ADJUSTMENT/REPLACEMEN	MISC MON T N/F	MISCELLANEUUS Monument Now or Formerly	014 EA
MH-I MANHOLE		N.I.C. NYS PAVT	NOT IN CONTRACT NEW YORK STATE PAVEMENT	SIDE SSIDE AR
HYDRANT, BRA	NCH, WATER VALVE AND TEE	PC PCC PCP	POINT OF CURVATURE POINT OF COMPOUND CURVATURE PLAIN CONCRETE PIPE	IAL RAMF
■ — — WATER MAIN -	NOTE SIZE AND TYPE	PI PK P	POINT OF INTERSECTION POINT KNOWN NAIL PROPERTY LINE	ENT 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
↑ TAP DISINFECTION	/SAMPLING TAP	PRC PT PVC	POINT OF REVERSE CURVATURE POINT OF TANGENCY POINT OF VERTICAL CURVATURE	ESID CU LA
CPTS CATHODIC PRC	TECTION TEST STATION	PVCO PVCP	MOLECULARY ORIENTED POLYVINYL CHLORIDE PIPE POLYVINYL CHLORIDE PIPE POLYVINYL CHLORIDE PIPE	RECT
O TWTB TRACER WIRE	TERMINATION BOX	PVT R	POINT OF VERTICAL TANGENCY RADIUS OF CURVE	
MAIN LINE WA	TER VALVE	RCP RCS RGE	ROCHESTER CITY SURVEY ROCHESTER GAS AND ELECTRIC	۲ DAT
· → WATER REDUCE	R, OFFSET OR BENDS	R.U.W. RPWD RT	RIGHT-UF-WAY ROCHESTER PURE WATERS DISTRICT RIGHT	
WATER SERVIC	E AND CURB STOP	RTS ST BOX STA	ROCHESTER TOPOGRAPHICAL SURVEY STONE BOX SEWER STATION	S I ON
TH Temporary wa	TER BYPASS PIPE AND HYDRANT	T TC TG	TANGENT LENGTH OF CURVE TOP OF CURB TOP OF CATCH BASIN GRATE	REV
FIBERGLASS S	TREET LIGHT POLE	TWC TYP USC&GS	TIME WARNER CABLE TYPICAL UNITED STATES COAST AND GEODETIC SURVEY	
<i>LP</i> ● → METAL STREET	LIGHT POLE	USGS VC	UNITED STATES GEOLOGICAL SURVEY VERTICAL CURVE	
STREET LIGHT	ING HANDHOLE OR PULLBOX	VERT VTP	VITRIFIED CLATFIFE VERTICAL VITRIFIED TILE PIPE	2014 LIO, PE TZ CALE
E ARTERIAL STR	EET LIGHTING CONDUIT	X V C P Y	WYE OR Y-BRANCH	JUNE A.GIG K. BA K. BA NO S(13106
CE RESIDENTIAL	STREET LIGHTING CONDUIT			SUED SUED AWN AWN ALE ALE
PED PEDESTRIAN S	IGNAL POLE W/ SIGNAL HEAD	DRAWING TITLE	LEGEND OF DRAWINGS DRAWING NUMBER	
TSCB TRAFFIC SIGN	AL CONTROL BOX	COVER	1	
TSP TRAFFIC SIGN	AL POLE	GENERAL INFORMA	ATION 2	
<i>TSLP</i> → TRAFFIC SIGN	AL POLE W/ STREET LIGHT	MAINTENANCE AND	D PROTECTION OF TRAFFIC 3-4 5-6	AL SAL
	IAL CONDUIT	PROJECT INDEX MA	AP 7	
SS SIGN SLEEVE DRAINAGE FLC	IW	SITE PLAN - CURB F	RAMPS 1 THRU 21 (SITE MAP 1 THRU 8) 8	
		SITE PLAN - CURB F	RAMPS 22A THRU 47B (SITE MAP 9 THRU 16) 9 RAMPS 48A THRU 74B (SITE MAP 47 THRU 61) 10	
SIDEWALK ACC	ESS RAMPS	SITE PLAN - CURB F	אמאורס 40A וחגט 74B (סווב MAP 17 THRU 24) 10 RAMPS 75 THRU 96 (SITE MAP 25 THRU 31) 11	
		WESTMORELAND D	PRIVE SIDEWALK REPLACEMENT 12	
	ARNING SYSTEM	(EDGEMONT RD TO CASTLEMAN ROAD	~720 FT EAST) SIDEWALK REPLACEMENT 13	
39A CURB RAMP NL	MBER	(EDGEMONT RD TO	SHELBOURNE RD)	
RR MOMER	N TO BE RELOCATED	CASTLEMAN ROAD	TO LATTIMORE RD)	
		DETAILS	15-17	OF





SITE MAP	TYPE AND NUMBER	QUADRANT	MAIN STREET	INTERSECTING STREET	DISPOSITION	ITEM NUMBER
5	RCS 135680101	NE	CASTLEMAN	RALEIGH	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
5	RCS 135680102	NE	RALEIGH	CASTLEMAN	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
6	RCS 135680103	NE	CASTLEMAN	ROSSITER	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
6	RCS 135680104	NE	ROSSITER	CASTLEMAN	REPLACE EXISTING SURVEY MONUMENT WITH NEW HORIZONTAL CONTROL SURVEY MONUMENT (RCS)	S626.10
7	RCS 135680105	NE	CASTLEMAN	IRVINGTON	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
7	RCS 135680106	NE	IRVINGTON	CASTLEMAN	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
7	RCS 135760101	SE	IRVINGTON	CASTLEMAN	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
7	RCS 135760102	SE	CASTLEMAN	IRVINGTON	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
8	RCS 135760104	NW	CASTLEMAN	LATTIMORE	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
8	RCS 135760105	NE	CASTLEMAN	LATTIMORE	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
8	RCS 135760106	NE	LATTIMORE	CASTLEMAN	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
8	RCS 135760107	SE	CASTLEMAN	LATTIMORE	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
9	RCS 135760108	NE	CASTLEMAN	STANFORD	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
9	RCS 135760110	SE	CASTLEMAN	STANFORD	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
10	RCS 135760115	NE	CASTLEMAN	SHELBOURNE	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
10	RCS 135760112	NE	CASTLEMAN	SHELBOURNE		S626.05
10	RCS 135760113	NW	CASTLEMAN	UNIVERSITY PARK	VERTICAL ADJUSTMENT OF EXISTING SURVEY MONUMENT. INSTALL NEW MONUMENT FRAME AND COVER	S626.04 S626.06
10	RCS 135840101	SE	SHELBOURNE	CASTLEMAN	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
10	RCS 135840111	SE	CASTLEMAN	SHELBOURNE	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
10	RCS 135840103	SE	CASTLEMAN	SHELBOURNE	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
11	RCS 135840104	NE	CASTLEMAN	ELMERSTON		S626.06
11	RCS 135840105	NE	ELMERSTON	CASTLEMAN	REPLACE EXISTING SURVEY MONUMENT WITH NEW HORIZONTAL CONTROL SURVEY MONUMENT (RCS)	S626.10
11	RCS 135840112	SE	ELMERSTON	CASTLEMAN	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
12	RCS 135840107	NW	CASTLEMAN	WESTMORELAND	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
12	RCS 135840108	NW	WESTMORELAND	CASTLEMAN	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
12	RCS 135840109	NE	CASTLEMAN	EDGEMONT	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
12	RCS 135840110	NE	EDGEMONI		EXISTING MONUMENT TO REMAIN NO WORK ANTICIPATED PROTECT	
12	RCS 135840202	SE	EDGEMONI	CASTLEMAN	EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
12	RCS 135840204	SW	WESTMORELAND	CASTLEMAN	CONTROL SURVEY MONUMENT WITH NEW HORIZONTAL	S626.10
Dwg 12	RCS 135840206	HSE 178	WESTMORELAND DRIVE		RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
Dwg 12 Dwg 12	RCS 135840208 RCS 135840210	HSE 128 HSE 160	WESTMORELAND DRIVE		RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07 S626.07
15	RCS 136690105	NE	SHELBOURNE	EASTMORELAND	REPLACE EXISTING SURVEY MONUMENT WITH NEW HORIZONTAL CONTROL SURVEY MONUMENT (RCS)	S626.10
15	RCS 135840102	SW	SHELBOURNE	EASTMORELAND	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
16	RCS 136770101	NE	ELMERSTON	EASTMORELAND	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
16	RCS 135840106	SW	ELMERSTON	EASTMORELAND	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
17	RCS 136770103	NE	EDGEMONT	EASTMORELAND	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
17 Dwg 12	RCS 135840203 RCS 135840205	SW HSE 187	EDGEMONT WESTMORELAND DRIVE	EASTMORELAND	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED REPLACE EXISTING SURVEY MONUMENT WITH NEW HORIZONTAL	S626.07 S626.10
- 10	D.0.0 405040000	N 84/				
18	RCS 135840209				EXISTING MONUMENT TO REMAIN-NO WORK ANTICIPATED-PROTECT	
19	RCS 136610104	INE SW/			RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	5626.07
19	PCS 136610301	500 SE			RESET EXISTING FRAME AND COVER NO OTHER WORK ANTICIPATED	S626.07
20	RCS 136610307				RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
21	RCS 136690101	SW/			RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07
21	RCS 136690107	NE			INSTALL NEW MONUMENT, WITH NEW FRAME AND COVER	S626.02
23	RCS 136690103	NE	SHELBOURNE	NORFOLK	REPLACE EXISTING SURVEY MONUMENT WITH NEW HORIZONTAL	S626.10
24	RCS 136620101					S626.07
<u> </u>	RCS 136620102		FORT HILL		RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIDATED	S626.07
25						0000.07
25 27	RCS 136620104	SW	FORT HILL	SOUTH	RESELEXISTING FRAME AND COVER-NO OTHER WORK AND CIPATED	Sb2h U/
25 27 28	RCS 136620104 RCS 136620106	SW SW	FORT HILL ROSEMOUNT	SOUTH	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07 S626.07
25 27 28 29	RCS 136620104 RCS 136620106 RCS 136620108	SW SW SW	FORT HILL ROSEMOUNT WARREN	SOUTH SOUTH SOUTH	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07 S626.07 S626.07
25 27 28 29 30	RCS 136620104 RCS 136620106 RCS 136620108 RCS 136700102	SW SW SW SW	FORT HILL ROSEMOUNT WARREN BOOTHE	SOUTH SOUTH SOUTH SOUTH	RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED RESET EXISTING FRAME AND COVER-NO OTHER WORK ANTICIPATED	S626.07 S626.07 S626.07 S626.07 S626.07

ITEM NUMBERS:

S626.02 - HORIZONTAL CONTROL SURVEY MONUMENT

S626.04 - VERTICAL ADJUSTMENT OF EXISTING SURVEY MONUMENT

S626.05 - REMOVE EXISTING SURVEY MONUMENT

S626.06 - INSTALL NEW MONUMENT FRAME AND COVER

S626.07 - RESET EXISTING MONUMENT FRAME AND COVER

S626.10 - REPLACE EXISTING SURVEY MONUMENT WITH NEW HORIZONTAL CONTROL SURVEY MONUMENT (RCS)

TREE/STUMP REMOVAL										
SITE MAP NUMBER	QUADRANT	STREET	INTERSECTING STREET	SIZE (DBH) SPECIES	ITEM NUMBER					
19	NE	NORFOLK	RALEIGH	20" DECIDUOUS	S614.37					
20	SW	NORFOLK	ROSSITER	14" DECIDUOUS	S614.36					
ITEM NUM	ITEM NUMBERS:									
S614.36 - 1	S614.36 - TREE REMOVAL - 12" TO 17" DBH									
S614.37 - 1		AL - 18" TO 23" DBH								

		STRE		SHTING			
	ITEM NUMBER	SITE MAP NUMBER	QUADRANT	STREET	INTERSECTING STREET	DISPOSITION	ITEM NUMBER
ATED-PROTECT		5	NE	CASTLEMAN	RALEIGH	REMOVE EXISTING RG&E HANDHOLE/PULLBOX (BY OTHERS)	
ATED-PROTECT							
ATED-PROTECT		5	SE	CASTLEMAN	RALEIGH	REMOVE EXISTING RG&E HANDHOLE/PULLBOX (BY OTHERS)	
HORIZONTAL	TAL S626.10 10 NE CASTLEMAN SHELBOURNE EXISTING WOOD LIGHT POLE WITH OVERHEAD UTILIT		EXISTING WOOD LIGHT POLE WITH OVERHEAD UTILITIES TO REMAIN				
ATED-PROTECT		11	NE	CASTLEMAN	ELMERSTON	RELOCATE EXISTING LIGHT POLE FOUNDATION (BY OTHERS)	
ATED-PROTECT		11	SE	CASTLEMAN	ELMERSTON	REMOVE EXISTING FIBERGLASS HANDHOLE/PULLBOX (BY	
ATED-PROTECT		14	SW	STANFORD	EASTMORELAND	EXISTING WOOD LIGHT POLE WITH OVERHEAD UTILITIES TO REMAIN	
ORK ANTICIPATED	S626.07	15	NE	EASTMORELAND	SHELBOURNE	REMOVE EXISTING WOOD LIGHT POLE WITH ASSOCIATED OVERHEAD SPAN (BY OTHERS)	
ATED-PROTECT		16	NW	EASTMORELAND	ELMERSTON	RELOCATE EXISTING LIGHT POLE FOUNDATION (BY OTHERS)	
ORK ANTICIPATED	S626.07 S626.07	16	SW	EASTMORELAND	ELMERSTON	REMOVE EXISTING FIBERGLASS HANDHOLE/PULLBOX (BY OTHERS)	
ORK ANTICIPATED	S626.07	17	NW	EASTMORELAND	EDGEMONT	RELOCATE EXISTING LIGHT POLE FOUNDATION (BY OTHERS)	
ORK ANTICIPATED	S626.07 S626.05	17	SW	EASTMORELAND	EDGEMONT	REMOVE EXISTING FIBERGLASS HANDHOLE/PULLBOX (BY	
MENT. INSTALL	S626.04	19	SW	RALEIGH	NORFOLK	RELOCATE EXISTING LIGHT POLE FOUNDATION (BY OTHERS)	
RK ANTICIPATED	S626.07	19	NE	RALEIGH	NORFOLK	RELOCATE EXISTING FIBERGLASS HANDHOLE/PULLBOX (BY	
ORK ANTICIPATED	S626.07	19	NE	NORFOLK	RALEIGH	RELOCATE EXISTING WOOD LIGHT POLE WITH OVERHEAD	
	S626.07 S626.06	20	NE		ROSSITER	EXISTING WOOD LIGHT POLE WITH OVERHEAD UTILITIES TO	
HORIZONTAL	S626.10	20	SE		ROSSITER	REMAIN EXISTING WOOD LIGHT POLE WITH OVERHEAD UTILITIES TO	
						REMAIN	
ATED-PROTECT		20	SE	NORFOLK	ROSSITER	REMOVE EXISTING RG&E HANDHOLE/PULLBOX (BY OTHERS)	
ATED-PROTECT		21	NW	IRVINGTON	NORFOLK	EXISTING LIGHT POLE FOUNDATION TO REMAIN	
RK ANTICIPATED	S626.07					ADJUST EXISTING FIBERGI ASS HANDHOI F/PULLBOX REPLACE	
ATED-PROTECT		21	SW	IRVINGTON	NORFOLK	WITH STEEL COVER	S671.1701
ATED-PROTECT		21	NE	IRVINGTON	NORFOLK	ADJUST EXISTING FIBERGLASS HANDHOLE/PULLBOX. REPLACE WITH STEEL COVER	S671.1701
HORIZONTAL	S626.10	21	NW	IRVINGTON	NORFOLK	EXISTING LIGHT POLE FOUNDATION TO REMAIN	
ORK ANTICIPATED	S626.07	22	Ν!\Λ/			RELOCATE EXISTING WOOD LIGHT POLE WITH OVERHEAD	
ORK ANTICIPATED	S626.07					UTILITIES (BY OTHERS)	
	S626.07	25	NW	SOUTHVIEW	FORT HILL	REMOVE EXISTING RG&E HANDHOLE/PULLBOX (BY OTHERS)	
IURIZONTAL	S626.10	27	NE	SOUTH	FORT HILL	REMOVE EXISTING HANDHOLE/PULLBOX (BY OTHERS)	
RK ANTICIPATED	S626.07	ITEM NUM	IBERS:				
RK ANTICIPATED	S626.07	8671 1701					

S671.1701 - ADJUST EXISTING FIBERGLASS HANDHOLE/PULLBOX

SIGN	SLEE	VE
•••••		

SIGN	SIGN SLEEVE									
SITE MAP NUMBER	QUADRANT	STREET	INTERSECTING STREET	DISPOSITION	ITEM NUMBER					
20	NW	NORFOLK	ROSSITER	INSTALL NEW SIGN SLEEVE	C686.05					
20	SW	ROSSITER	NORFOLK	INSTALL NEW SIGN SLEEVE	C686.05					
20	NE	ROSSITER	NORFOLK	INSTALL NEW SIGN SLEEVE	C686.05					
20	SE	NORFOLK	ROSSITER	INSTALL NEW SIGN SLEEVE	C686.05					
21	SW	IRVINGTON	NORFOLK	INSTALL NEW SIGN SLEEVE	C686.05					
22	NW	NORFOLK	LATTIMORE	INSTALL NEW SIGN SLEEVE	C686.05					
22	NE	LATTIMORE	NORFOLK	INSTALL NEW SIGN SLEEVE	C686.05					
22	SW	LATTIMORE	NORFOLK	INSTALL NEW SIGN SLEEVE	C686.05					
ITEM NUM	ITEM NUMBERS:									
C686.05 - S	SIGN SLEEVE									
NOTE:										

SIGN SLEEVES MAY NOT BE REQUIRED FOR ALL LOCATIONS - TO BE DETERMINED IN THE FIELD BY MCDOT.

ADDRESS	LENGTH AT SIDEWALK	LENGTH AT STREET	APRON PAVEMENT TYPE	COMMENTS	ITEM NUMBER		
170 CASTLEMAN	13'	23'	ASPHALT		S608.15		
178 CASTLEMAN				REMOVE			
184 CASTLEMAN	10'	20'	ASPHALT		S608.15		
208 CASTLEMAN	10'	20'	ASPHALT		S608.15		
216 CASTLEMAN	10'	20'	ASPHALT		S608.15		
226 CASTLEMAN	10'	19'	ASPHALT		S608.15		
234 CASTLEMAN	10'	19'	CONCRETE		S608.14		
260 CASTLEMAN	11'	19'	ASPHALT		S608.15		
266 CASTLEMAN	11'	19	ASPHALT		S608.15		
274 CASTLEMAN	11'	19'	ASPHALT		S608.15		
300 CASTLEMAN			CONCRETE	TO REMAIN			
308 CASTLEMAN	13'	22'	ASPHALT		S608.15		
314 CASTLEMAN	13'	19'	ASPHALT		S608.15		
ITEM NUMBERS: S608.14 - CONCRETE SIDEWALK AND DRIVEWAY (INCLUDING EXCAVATION AND SUBBASE) S608.15 - ASPHALT DRIVEWAY - LIGHT DUTY							

DRIVEWAY APRONS - WESTMORELAND DRIVE

ADDRESS

110 WESTMORELAND 120 WESTMORELAND 128 WESTMORELAND 134 WESTMORELAND 140 WESTMORELAND 148 WESTMORELAND 160 WESTMORELAND 178 WESTMORELAND ITEM NUMBERS:

CURB RADIUS DATA								
SITE MAP NUMBER	RAMP NO.	RADIUS (FT)	DELTA	TANGENT (FT)	LENGTH (FT)			
1	1	45.0	20 ° 47' 1"	8.25	16.3			
1	3	30.0	8° 51' 42"	2.34	4.7			
1	4	293.0	2° 53' 21"	7.40	14.8			
4	9A	50.0	39° 08' 30"	17.78	34.2			
5	12	35.0	54° 27' 26"	17.74	33.3			
6	14A	30.0	114° 32' 36"	46.68	60.0			
6	15	42.5	28° 30' 25"	10.80	21.2			
7	16A	40.0	57° 02' 46"	21.74	39.8			
7	17	41.5	19° 57' 57"	7.31	14.5			
8	20	25.0	113° 43' 59"	38.30	49.6			
8	21	30.0	32° 4' 14"	8.62	16.8			
9	22A	35.0	58° 40' 23"	19.67	33.5			
9	23	40.0	22° 46' 30"	8.06	15.9			
10	26	35.0	23° 56' 19"	7.42	14.6			
10	27A	35.0	24° 09' 05"	7.40	14.6			
10	27C	25.0	21° 28' 14"	4.74	9.4			
11	28A	35.0	86° 06' 59"	32.70	52.6			
11	29	40.0	22° 23' 21"	/.92	15.6			
12	30	30.0	30° 44' 48"	7.78	15.2			
13	35	20.0	90° 32' 41"	20.19	31.6			
13	37	20.0	90° 29' 41"	20.17	31.6			
14	38	20.0	89° 52' 30"	19.96	31.4			
14	39A	20.0	89° 44' 55"	19.91	31.3			
15	40A	20.0	88° 44' 22"	19.56	31.0			
15	41A	20.0	89° 28' 27"	19.82	31.2			
15	42A	20.0	87° 43' 28"	19.22	30.6			
15	43A	20.0	88° 29' 31"	19.48	30.9			
16	44A	20.0	88° 54' 04"	19.62	31.0			
16	45A	20.0	88° 03' 41"	19.33	30.7			
16	46A	20.0	88° 44' 40"	19.57	31.0			
10	4/A	20.0	88° 15' 55"	19.40	30.8			
17	46A 40A	20.0	89° 38 05	19.87	31.3			
17	49A	20.0	03° 50 97º 42' 26"	17.90	29.3			
17	50A	20.0	87° 28' 57"	19.22	30.5			
10	55	20.0	89° 49' 04"	19.14	31.4			
19	56	20.0	89° 30' 59"	19.94	31.4			
19	57	20.0	89° 52' 22"	19.85	31.4			
19	58	20.0	89° 43' 40"	19.90	31.3			
20	59	20.0	89° 38' 47"	19.88	31.3			
20	60	20.0	89° 31' 10"	19.83	31.3			
20	61	20.0	89° 59' 33"	20 00	31.4			
20	62	20.0	90° 11' 42"	20.07	31.5			
21	63	20.0	90° 26' 15"	20.15	31.6			
21	64	20.0	89° 42' 05"	19.90	31.3			
21	65	20.0	90° 00' 00"	20.00	31.4			
21	66	20.0	89° 41' 11"	19.89	31.3			
22	67	20.0	90° 10' 09"	20.06	31.5			
22	68	20.0	89° 54' 16"	19.97	31.4			
22	69	20.0	89° 45' 56"	19.92	31.3			
22	70	20.0	90° 17' 04"	20.10	31.5			
23	71A	20.0	90° 11' 34"	20.07	31.5			
23	72	20.0	89° 30' 48"	19.83	31.3			
24	73	15.0	50° 24 ' 7 "	7.06	13.2			
25	75	15.0	59 ° 49' 11"	8.63	15.7			
25	76	15.0	35 ° 53' 4"	4.86	9.4			
28	85A	20.0	40° 40' 24"	6.97	13.3			
29	87	20.0	40° 44' 43"	7.03	13.5			
29	88	30.0	33° 20' 34"	8.96	17.4			
30	89	30.0	34° 54' 25"	9.08	17.6			
30	91A	20.0	41° 29' 09"	7.30	14.0			
_			_	TOTAL	1650.1			

es Se Š of El and ≝ 5 Dep Arch City RESIDENTIAL SIDEWALK CURB RAMPS 2014 LATTIMORE AREA Ц B√ (MB 5 2 JUNE 2(A.GIGLI K. BATZ K. BATZ NO SCA ١<u>२</u> CHECK DRAWN DESIGN SCALE S Щ ABL DRAWING NO. 5A1 17

LENGTH AT	LENGTH AT	APRON	

	SIDEWALK	STREET	PAVEMENT TYPE	COMMENTS	ITEM NUMBER
)	11'	17'	ASPHALT		S608.15
)	14'	20'	ASPHALT		S608.15
)	15'	21'	ASPHALT		S608.15
)	12'	17'	ASPHALT		S608.15
)	12'	18'	ASPHALT		S608.15
)	12'	17'	CONCRETE		S608.14
)	12'	18'	ASPHALT		S608.15
)	13'	19'	ASPHALT		S608.15

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

SITE MAP NUMBER	NUMBER	STREET	INTERSECTING STREET	QUADRANT	DISPOSITION	ITEM NUMBER
6	CB-1	CASTLEMAN	ROSSITER	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
6	CB-2	ROSSITER	CASTLEMAN	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
6	CB-3	ROSSITER	CASTLEMAN	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	
7	CB-4	IRVINGTON	CASTLEMAN	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE.	
8	CB-5	CASTLEMAN	LATTIMORE	NW	NO WORK ANTICIPATED	
8	CB-6	LATTIMORE	CASTLEMAN	NE	NO WORK ANTICIPATED	
8	CB-7	LATTIMORE	CASTLEMAN	SE	NO WORK ANTICIPATED	
9	CB-8	CASTLEMAN	STANFORD	NW	NO WORK ANTICIPATED	
10	CB-9	CASTLEMAN	UNIVERSITY PARK	NW	NO WORK ANTICIPATED	
10	CB-10	CASTLEMAN	SHELBOURNE	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
10	CB-11	SHELBOURNE	CASTLEMAN	NE	NO WORK ANTICIPATED	
10	CB-12	SHELBOURNE	CASTLEMAN	SE	NO WORK ANTICIPATED	
10	CB-13	CASTLEMAN	SHELBOURNE	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
11	CB-14	CASTLEMAN	ELMERSTON	sw	NO WORK ANTICIPATED	
11	CB-15	ELMERSTON	CASTLEMAN	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
11	CB-16	ELMERSTON	CASTLEMAN	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
11	CB-17	CASTLEMAN	ELMERSTON	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
13	CB-18	LATTIMORE	EASTMORELAND	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
13	CB-19	LATTIMORE	EASTMORELAND	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
13	CB-20	EASTMORELAND	LATTIMORE	SE	EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
14	CB-21	EASTMORELAND	STANFORD	SE	EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
15	CB-22	SHELBOURNE	EASTMORELAND	NE	EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
15	CB-23	SHELBOURNE	EASTMORELAND	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
15	CB-24	EASTMORELAND	SHELBOURNE	SW	NO WORK ANTICIPATED	
15	CB-25	EASTMORELAND	SHELBOURNE	SE		
16	CB-26	ELMERSTON	EASTMORELAND	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
16	CB-27	ELMERSTON	EASTMORELAND	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
16	CB-28	EASTMORELAND	ELMERSTON	SW	NO WORK ANTICIPATED	
16	CB-29	EASTMORELAND	ELMERSTON	SE		
17	CB-30	EDGEMONT	EASTMORELAND	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702

		N5		_		_
BITE MAP NUMBER	NUMBER	STREET	INTERSECTING STREET	QUADRANT	DISPOSITION	ITEM NUMBER
17	CB-31	EDGEMONT	EASTMORELAND	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
17	CB-32	EASTMORELAND	EDGEMONT	sw	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
17	CB-33	EASTMORELAND	EDGEMONT	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
18	CB-34	WESTMORELAND	EASTMORELAND	NE	NO WORK ANTICIPATED	
18	CB-35	WESTMORELAND	EASTMORELAND	SE	NO WORK ANTICIPATED	
19	CB-36	RALEIGH	NORFOLK	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
19	CB-37	NORFOLK	RALEIGH	sw	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
20	CB-38	NORFOLK	ROSSITER	NW	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
20	CB-39	ROSSITER	NORFOLK	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
20	CB-40	ROSSITER	NORFOLK	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
21	CB-41	NORFOLK	IRVINGTON	NW	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
21	CB-42	NORFOLK	IRVINGTON	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
21	CB-42A	IRVINGTON	NORFOLK	NE	'REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
21	CB-42B	IRVINGTON	NORFOLK	SE	'REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
22	CB-43	LATTIMORE	NORFOLK	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
22	CB-44	LATTIMORE	NORFOLK	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
22	CB-45	NORFOLK	LATTIMORE	sw	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
22	CB-46	NORFOLK	LATTIMORE	SE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
23	CB-47	SHELBOURNE	NORFOLK	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
24	CB-48	WESTVIEW	FORT HILL	NW	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
24	CB-49	WESTVIEW	FORT HILL	NE	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
25	CB-50	SOUTHMEW	FORT HILL	NE	'REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
25	CB-51	SOUTHVIEW	FORT HILL	NW	REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
DWG NO 12	CB-52	128 WESTMORELAND			REMOVE EXIST CATCH BASIN. INSTALL NEW PRECAST TYPE B CATCH BASIN. CONNECT TO EXISTING LATERAL PIPE WITH NEW FLEXIBLE RUBBER JOINT CONNECTOR WITH STAINLESS STEEL SHEAR RING AND STAINLESS STEEL SHEAR BANDS AND NEW SDR21 8" PVC PIPE. CLEAN EXIST LATERAL PIPE.	S601.2708, S604.3702
TEMS:						
601.2708	- 8" POLYVINYL		PIPE, SDR21-INSTAL		ING LATERAL CONNECTION) (INCLUDING EXCAVATION, BACKFILL AND PAVEMENT RESTORATION))































1. NEWLY CONSTRUCTED SIDEWALKS SHOULD BE PLACED AT ELEVATIONS ABOVE THE EXISTING CURBING TO PROMOTE DRAINAGE TOWARDS THE ROADWAY. THE TYPICAL CROSS SLOPE OF THE TREE LAWN AREA (BETWEEN THE CURB AND SIDEWALK) SHOULD BE 1/4" PER FOOT.

2. THE NEW SIDEWALK SHALL BE 5 FEET IN WIDTH AND THE OUTSIDE EDGE LOCATED 1 FOOT FROM THE RIGHT-OF-WAY.

3. ALL NEW SIDEWALK MUST BE CONSTRUCTED TO BE SLOPED SUCH THAT WATER DRAINS AWAY FROM PRIVATE PROPERTY AND TOWARDS THE STREET OR CURB PARK AREA.

4. THE TRAVERSE GRADE OF ALL NEW SIDEWALK MUST BE NO GREATER THAN A MAXIMUM OF 1:50 OR A MINIMUM OF 1:100.

5. THE LONGITUDINAL GRADE OF THE NEW SIDEWALK MUST BE UNIFORM AND PARALLEL TO THE ROAD. THE MAXIMUM LONGITUDINAL GRADE SHALL BE 5%. THIS GRADE SHALL NOT BE EXCEEDED UNLESS THE ROAD GRADE IS OF A STEEPER GRADE, IN WHICH CASE THE LONGITUDINAL SIDEWALK GRADE SHALL NOT EXCEED THE ROAD GRADE.

6. ALL NEW SIDEWALK MUST CONFORM TO AND BE CONSTRUCTED PER THE CITY OF ROCHESTER SECTION S608 - SIDEWALK AND DRIVEWAY SPECIFICATION.

partment of Environmental Services	hitecture and Engineering Services	/ of Rochester, New York		ALBERT J. GIGLIO, P.E.	JAMES R. McINTOSH, P.E.
De De	Arc	Cit		MANAGING ENGINEER	CITY ENGINEER
LECTTILE RESIDENTIAL SIDEWALK CURB RAMPS 2014 LATTIMORE AREA					
đ					BY DATE
					REVISION
14), PE				NO
JUNE 20	D Y'CIGLIC	K. BATZ	K. BATZ	1"=20'	T 13106
ISSUED	CHECK	DRAWN	DESIGN	SCALE	PROJEC NUMBEF
CASTLEMAN ROAD CASTLEMAN ROAD SIDEWALK REPLACEMENT (EDGEMONT RD TO SHELBOURNE RD)					
DRA		NO.		/	
			1	7	

	GRAF	SCALE		
20	0	20	40	
	1 I	nch = 20 H	<i>Teet</i>	



NOTES:

1. NEWLY CONSTRUCTED SIDEWALKS SHOULD BE PLACED AT ELEVATIONS ABOVE THE EXISTING CURBING TO PROMOTE DRAINAGE TOWARDS THE ROADWAY. THE TYPICAL CROSS SLOPE OF THE TREE LAWN AREA (BETWEEN THE CURB AND SIDEWALK) SHOULD BE 1/4" PER FOOT.

2. THE NEW SIDEWALK SHALL BE 5 FEET IN WIDTH AND THE OUTSIDE EDGE LOCATED 1 FOOT FROM THE RIGHT-OF-WAY.

3. ALL NEW SIDEWALK MUST BE CONSTRUCTED TO BE SLOPED SUCH THAT WATER DRAINS AWAY FROM PRIVATE PROPERTY AND TOWARDS THE STREET OR CURB PARK AREA.

4. THE TRAVERSE GRADE OF ALL NEW SIDEWALK MUST BE NO GREATER THAN A MAXIMUM OF 1:50 OR A MINIMUM OF 1:100.

5. THE LONGITUDINAL GRADE OF THE NEW SIDEWALK MUST BE UNIFORM AND PARALLEL TO THE ROAD. THE MAXIMUM LONGITUDINAL GRADE SHALL BE 5%. THIS GRADE SHALL NOT BE EXCEEDED UNLESS THE ROAD GRADE IS OF A STEEPER GRADE, IN WHICH CASE THE LONGITUDINAL SIDEWALK GRADE SHALL NOT EXCEED THE ROAD GRADE.

6. ALL NEW SIDEWALK MUST CONFORM TO AND BE CONSTRUCTED PER THE CITY OF ROCHESTER SECTION S608 - SIDEWALK AND DRIVEWAY SPECIFICATION.

GRAPHIC

	PROJECT TITLE RESIDENTIAL SIDEWA CURB RAMPS 2014 LATTIMORE AREA
	DATE
	^{LUED} JUNE 2014 ECKED A.GIGLIO,PE AWN K. BATZ SIGN K. BATZ SIGN K. BATZ ALE 1"=20' ALE 13106
APHIC SCALE	DRAMING TITLE CASTLEMAN ROAD CASTLEMAN ROAD CASTLEMAN ROAD SIDEWALK REPLACEMENT (SHELBOURNE RD TO (SHELBOURNE RD TO LATTIMORE RD)

SS

Se g

of E and

C A D

L

tment of Environmental Services	ecture and Engineering Services	FRochester, New York		ALBERT J. GIGLIO, P.E.	JAMES R. McINTOSH, P.E.		
Depar	Archite		MANAGING ENGINEER	CITY ENGINEER			
PROJECT TITLE	PROJECT TITLE RESIDENTIAL SIDEWALK CURB RAMPS 2014 LATTIMORE AREA						
					BY DATE		
					REVISION		
014	IO, PE	Z	Z	ALE	NO.		
ISSUED JUNE 2	CHECKED A.GIGL	DRAWN K. BAT.	DESIGN K. BAT.	SCALE NO SC	PROJECT 13106 NUMBER 13106		
DRAWING TITLE	DRAWING NO.						
DRAWING TITLE	wing	^{NO.}					

DRAWING NO