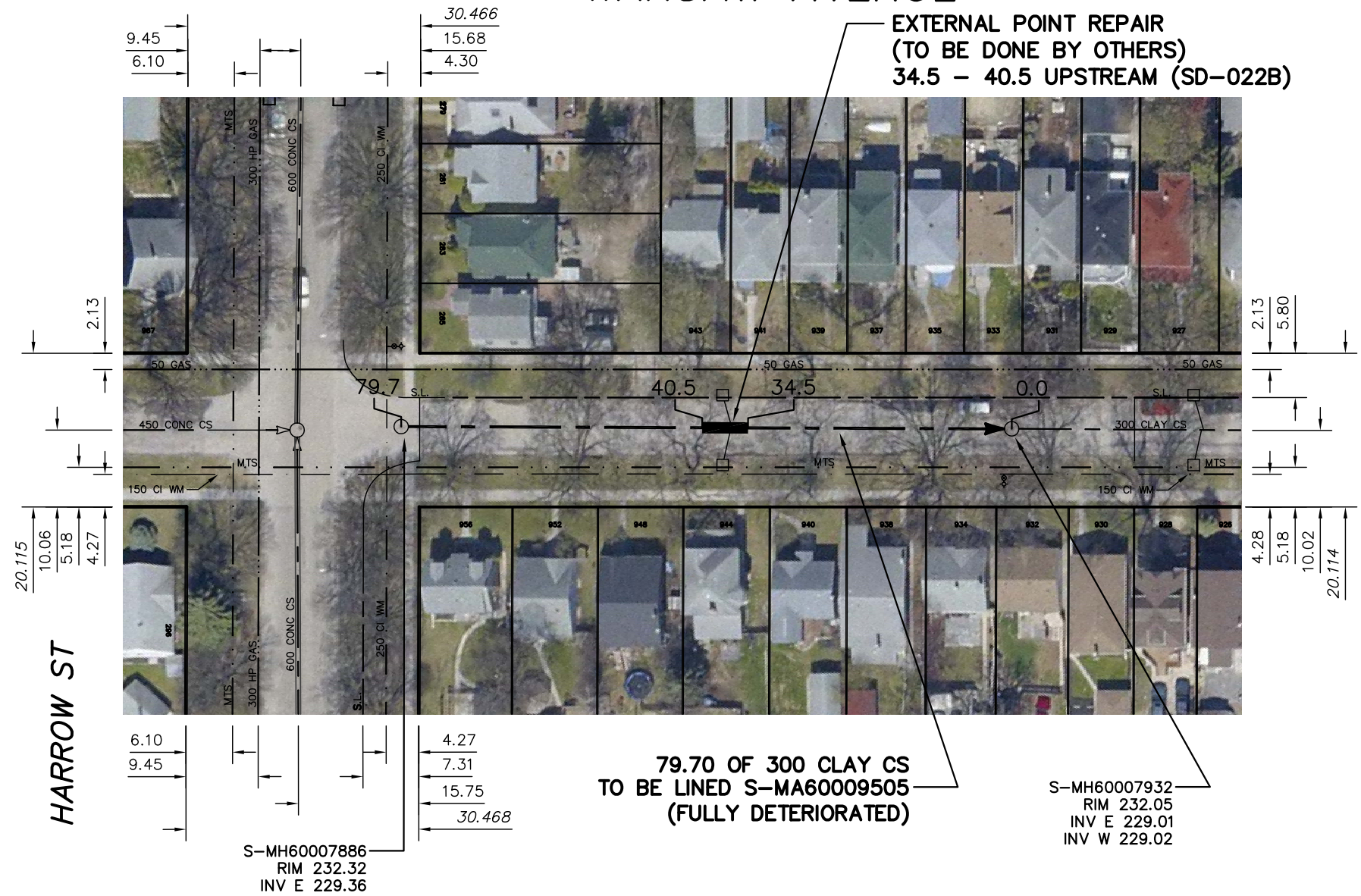


WARSAW AVENUE



EXTERNAL POINT REPAIR
(TO BE DONE BY OTHERS)
34.5 - 40.5 UPSTREAM (SD-022B)



79.70 OF 300 CLAY CS
TO BE LINED S-MA60009505
(FULLY DETERIORATED)

S-MH60007932
RIM 232.05
INV E 229.01
INV W 229.02

S-MH60007886
RIM 232.32
INV E 229.36

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION
SEWER ID S-MA60009505

DISTANCE FROM MH ID S-MH60007886	DIAMETER	CLOCK
3.8	150	10
11.6	150	2
19.3	150	11
26.3	150	1
33.3	150	1

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION
SEWER ID S-MA60009505

DISTANCE FROM MH ID S-MH60007932	DIAMETER	CLOCK
2.6	150	2
3.4	150	11
15.1	150	2
15.8	150	11
22.8	150	1
23.6	150	11
30.6	150	1
31.3	150	11
36.7	150	11
38.3	150	1

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



LOCATION APPROVED UNDERGROUND STRUCTURES	B.M. ELEV. CONSTRUCTION COMPLETION DATE: YYYY MM DD	ENGINEER'S SEAL ORIGINAL SIGNED BY S.R.J. COURNOYER AUG. 15, 2012		THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION	SHEET 51 OF 57 CITY DRAWING NUMBER 10323																																							
SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____ NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	REVISIONS	DATE	BY													<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>DESIGNED BY</td> <td>SC</td> <td>CHECKED BY</td> <td>SC</td> </tr> <tr> <td>DRAWN BY</td> <td>JB</td> <td>APPROVED BY</td> <td>KZ</td> </tr> <tr> <td>SCALE:</td> <td></td> <td>RELEASED FOR CONSTRUCTION</td> <td></td> </tr> <tr> <td>HORIZONTAL</td> <td>1:750</td> <td></td> <td></td> </tr> <tr> <td>VERTICAL</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DATE</td> <td>2012 08 27</td> <td>DATE</td> <td></td> </tr> </table>	DESIGNED BY	SC	CHECKED BY	SC	DRAWN BY	JB	APPROVED BY	KZ	SCALE:		RELEASED FOR CONSTRUCTION		HORIZONTAL	1:750			VERTICAL				DATE	2012 08 27	DATE		2012 SEWER RENEWALS BY CIPP LINING WARSAW AVENUE MH AT HARROW STREET (E PL) TO 1ST MH W OF STAFFORD STREET	
NO.	REVISIONS	DATE	BY																																									
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		BID OPPORTUNITY: ??-??-?? CONTRACT NUMBER: ??	FILE PATH: R:\DRAWINGS\SEWER\2012_RENEWALS\CIPP, TPR, and EPR\CONTRACT 10\CIPP LINING\WARSAW.dwg																																									