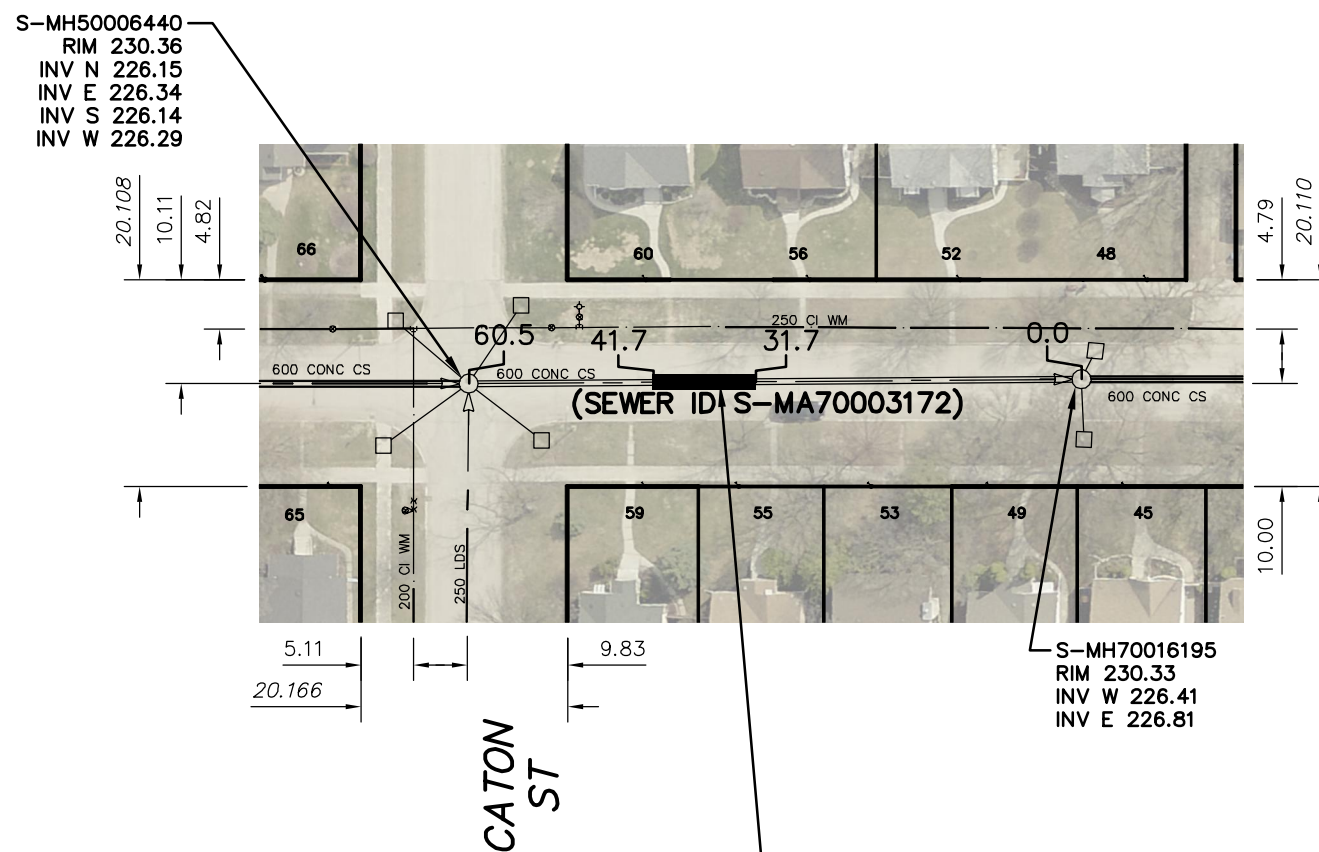




# HILL STREET



SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION  
SEWER ID S-MA70003172

| DISTANCE FROM MH ID S-MH70016195 | DIAMETER | CLOCK |
|----------------------------------|----------|-------|
| 8.6                              | 150      | 11    |
| 10.8                             | 150      | 1     |
| 21.2                             | 150      | 11    |
| 25.7                             | 150      | 1     |
| 33.6                             | 150      | 11    |
| 42.5                             | 150      | 1     |
| 46.6                             | 150      | 1     |
| 39.7                             | 150      | 10    |

\*\*\*\* REVERSAL REQUIRED \*\*\*\*

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION  
SEWER ID S-MA70003172

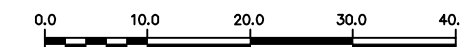
| DISTANCE FROM MH ID S-MH50006440 | DIAMETER | CLOCK |
|----------------------------------|----------|-------|
| 12.0                             | 150      | 10    |
| 16.4                             | 150      | 10    |
| 19.3                             | 150      | 2     |

\*\*\*\* REVERSAL REQUIRED \*\*\*\*

FOR INDEX SEE  
11159

## METRIC

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



### 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

16.0 OF 600 SDR35 PVC  
SEWER REPAIR (SD-022B)

LOCATION APPROVED  
UNDERGROUND STRUCTURES

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.

B.M.  
ELEV.

| NO. | REVISIONS | DATE | BY |
|-----|-----------|------|----|
|     |           |      |    |
|     |           |      |    |
|     |           |      |    |
|     |           |      |    |
|     |           |      |    |

|             |            |                           |    |
|-------------|------------|---------------------------|----|
| DESIGNED BY | TS         | CHECKED BY                | SC |
| DRAWN BY    | RS         | APPROVED BY               | KZ |
| SCALE:      | 1:750      | RELEASED FOR CONSTRUCTION |    |
| HORIZONTAL  |            |                           |    |
| VERTICAL    |            |                           |    |
| DATE        | 2015 12 16 | DATE                      |    |

PLOT DATE: 2015 12 16

ENGINEER'S SEAL

ORIGINAL  
SIGNED BY  
S.R.J.  
COURNOYER  
12/07/15

CONSULTANT DRAWING NUMBER

BID OPPORTUNITY: 998-2015  
CONTRACT NUMBER: 4A



**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

2015 SEWER RENEWALS  
BY EXTERNAL POINT REPAIR

**HILL STREET**  
MH AT CATON STREET (C) TO  
1ST MH S OF CATON STREET (C)

SHEET 17 OF 49

CITY DRAWING NUMBER

11177

FILE PATH: R:\DRAWINGS\SEWER\2015 RENEWALS\RENEWALS & ASSOCIATED WORKS\Contract 4A\  
FILE NAME: HILL\_S-MA70003172.dwg