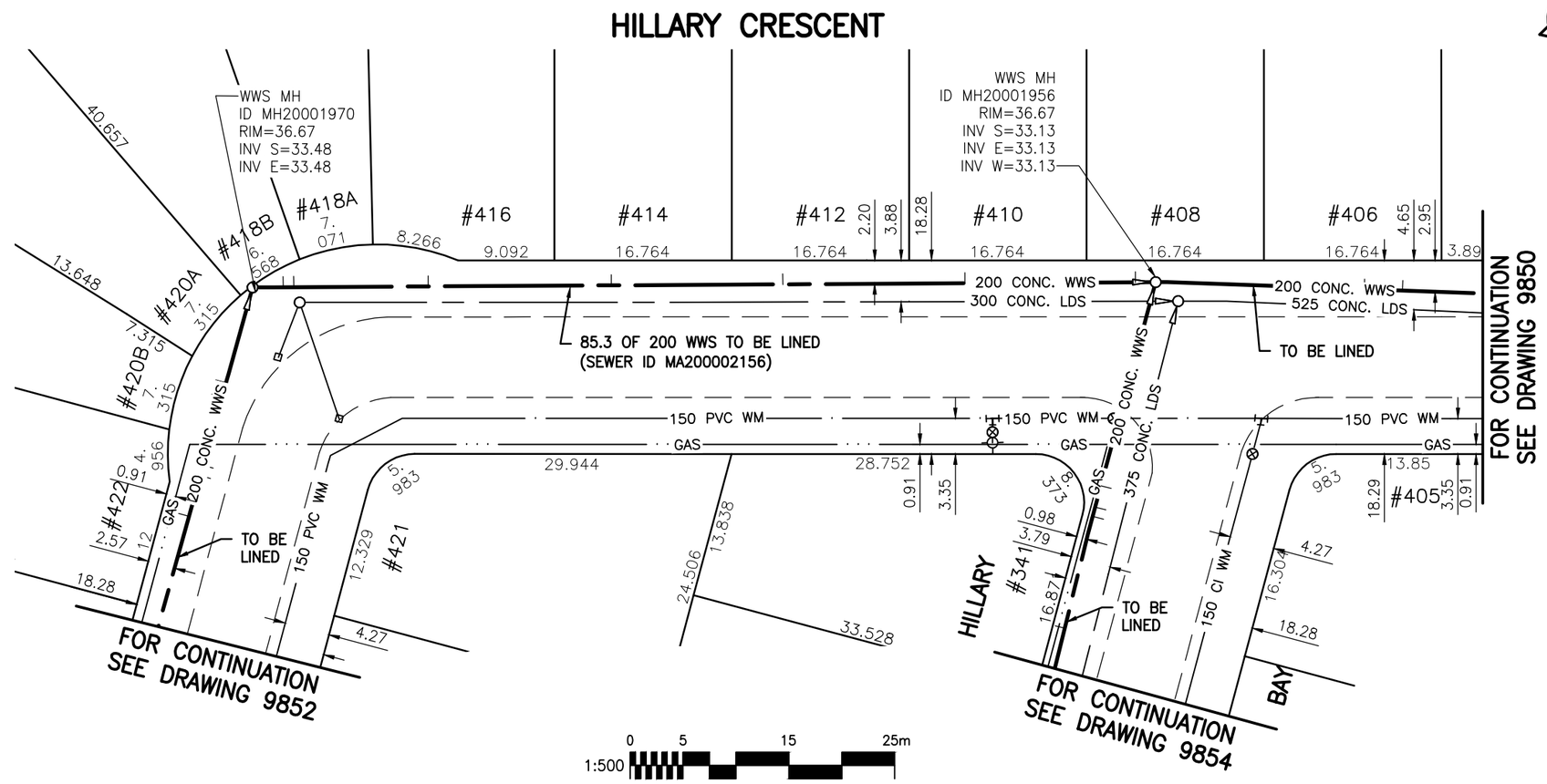
**SEWER JUNCTION INFORMATION FOR SEWER ID MA20002156**

REFERENCE–METERS EAST OF MANHOLE MH20001970

| DIST. FROM REF. MANHOLE | JUNCTION DIA. | CLOCK REF. | SERVICE TYPE | DESCRIPTION |
|---|---|---|---|---|
| 2.9 | 100 | 09 | JN | – |
| 3.9 | 100 | 10 | JN | – |
| 16.6 | 100 | 09 | JN | – |
| 33.9 | 100 | 09 | JN | LIVE |
| 50.1 | 100 | 09 | JN | – |
| 67.3 | 100 | 09 | CN | LIVE |
| 83.4 | 100 | 09 | JN | – |

ALL JUNCTION INFORMATION BASED ON CCTV INSPECTION




## 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 140/92 FOR DETAILS

## METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

BENCH MARK: W. side Cavalier Dr., S. of Fairlane Ave., Tblt. in E. Conc. foundation No. 664 Cavalier Dr., 2.5 m S. & 0.2 m below brick of N.E. Cor. of Dwelling.

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Date:_____

BID OPPORTUNITY 927–2011

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. 40–026
ELEV. 237.452m

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

Stantec Consulting Ltd.
905 Waverley Street, Winnipeg, Manitoba
Tel 204–489–5900 Fax 204–453–9012

| | | | |
|---|---|---|---|
| DESIGNED BY | J.K.H. | CHECKED BY | W.A.B. |
| DRAWN BY | K.R. | APPROVED BY | H.A.K. |
| HOR. SCALE: | 1:500 | RELEASED FOR CONSTRUCTION: | |
| VERTICAL: | N/A | | |
| DATE | 2011.10.05 | DATE | |

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
C-182

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2011 SEWER RENEWALS
BY CIPP LINING - CONTRACT 21
HILLARY CRESCENT
MH AT HILLARY BY. (PL) TO
1ST MH W. OF HILLARY BY. (PL)

SHEET 85 OF 119
CAD FILE DRAWING NUMBER
13220c-161-766.dwg
CITY DRAWING NUMBER
9851

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Date: 2011-12-19 3:58pm Login: Ammeter, Wes