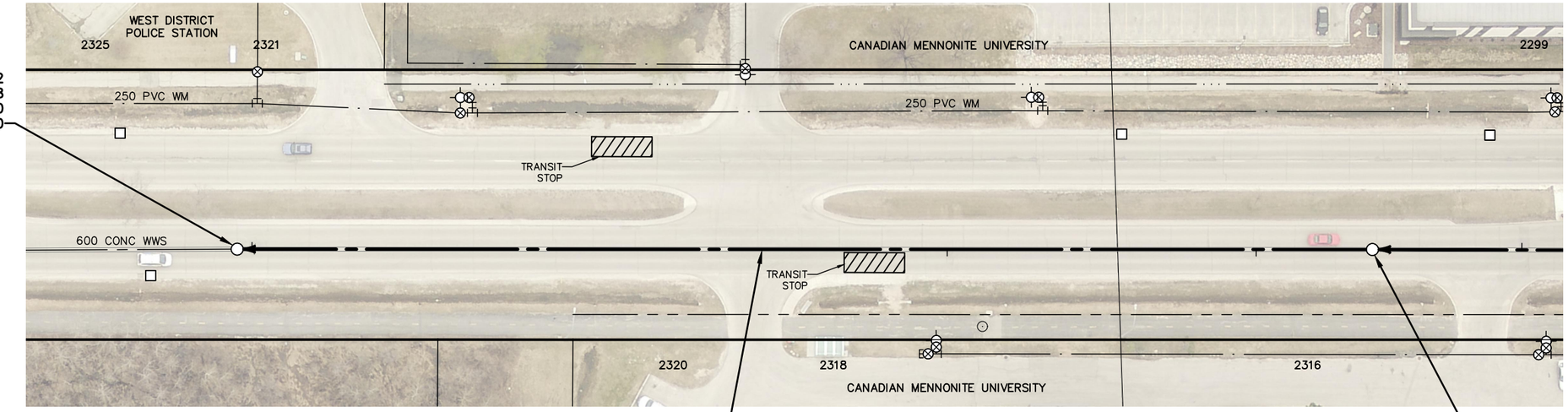
GRANT AVENUE



S-MH60002002
RIM 234.48
INV E 230.50
INV W 230.50

169.3 OF 600 CONC WWS TO BE LINED
S-MA60002736
(PARTIALLY DETERIORATED)

S-MH60003156
RIM 234.33
INV E 230.69
INV W 230.70

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA60002736		
DISTANCE FROM MH ID S-MH60003156		
DISTANCE	DIAMETER	CLOCK
17.0	100	11
63.3	100	10
166.8	100	02

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

FOR INDEX SEE 11643

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
0.0 15.0 30.0 45.0

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

MORRISON HERSHFIELD

DESIGNED BY	JKH	CHECKED BY	HAK
DRAWN BY	DML	APPROVED BY	BWB
SCALE: HORIZONTAL / VERTICAL	1:750	RELEASED FOR CONSTRUCTION	ORIGINAL SIGNED K. ZUREK
DATE	18/01/15	DATE	2018 03 12

PLOT DATE: 2018/3/12 10:43:49 AM

ENGINEER'S SEAL

ORIGINAL SIGNED BY H.A. KATZ 2018 03 12

CONSULTANT DRAWING NUMBER

BID OPPORTUNITY: 94-2018
CONTRACT NUMBER: 3

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2017 SEWER RENEWALS
BY CIPP LINING – CONTRACT NO. 3

GRANT AVENUE
1ST MH W OF SHAFTESBURY BOULEVARD TO
2ND MH W OF SHAFTESBURY BOULEVARD

SHEET 7 OF 25

CITY DRAWING NUMBER
11648

FILE PATH: P:\2017\170008900-2017 Sewer Renewals by CIPP\09. CAD\07. Sheets
FILE NAME: 1700089 Grant-03.dwg