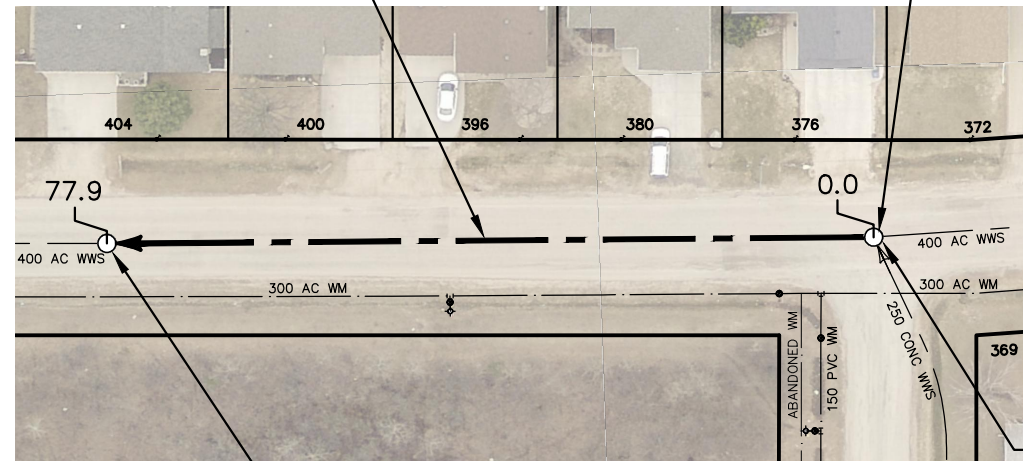


CATHCART STREET

77.9 OF 400 WWS TO BE LINED
S-MA70045884

GROUT PIPE-MANHOLE INTERFACE
(TO BE DONE BY OTHERS)



S-MH60002145
RIM 236.78
INV N 230.07
INV S 229.98

S-MH60002144
RIM 236.92
INV E 230.60

BOYER AVE

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA70045884		
DISTANCE FROM MH ID S-MH60002144		
DISTANCE	DIAMETER	CLOCK
8.1	150	12
27.6	150	12
37.1	150	12
61.7	150	12
72.9	150	2

WARNING

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

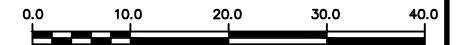
- 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

FOR INDEX SEE
12124

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



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	SC	CHECKED BY	SC
DRAWN BY	BL	APPROVED BY	KZ
SCALE:	1:750	RELEASED FOR CONSTRUCTION	K.ZUREK
HORIZONTAL		DATE	2019 03 06
VERTICAL		DATE	2019 03 06

ENGINEER'S SEAL

ORIGINAL
SIGNED BY
S.R.J.
COURNOYER
19/03/05

CONSULTANT DRAWING NUMBER

BID OPPORTUNITY: 146-2019
CONTRACT NUMBER: 3



THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

2018 SEWER MAIN RENEWALS
BY CIPP LINING
CATHCART STREET
MH AT BOYER AVENUE TO
1ST MH S OF BOYER AVENUE

SHEET 14 OF 69
CITY DRAWING NUMBER

12136

FILE PATH: R:\DRAWINGS\SEWER\2018 RENEWALS\RENEWALS & ASSOCIATED WORKS\CONTRACT 3\CONSTRUCTION DWGS\
FILE NAME: CATHCART ST.dwg