1 MANHOLE RECONSTRUCTION DETAIL FOR MONOLITHIC CONCRETE SEWERS - TEE BRANCH

Scale 1:75

NOTE:

1. ALL CONSTRUCTION JOINTS TO BE WATER PROOFED WITH THE USE OF A HYDROPHILIC WATER STOP OR APPROVED EQUAL.

NOTES:
MAXIMIZE LOWER MH BARREL DIAMETER (UP TO 1200) TO SUIT EXISTING MANHOLE BASE CONFIGURATION.

2 TYPICAL MANHOLE RECONSTRUCTION DETAIL FOR BRICK SEWERS

Scale 1:75

3 REMOVABLE ROOF PANEL CAULKING DETAIL

Scale 1:10

SECTION A

Scale: 1:75

SECTION B

Scale: 1:75

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

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 2021-05-11

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

TENDER NO. 324-2021

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. 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.

NO.	REVISIONS	YY/MM/DD	BY
0	ISSUED FOR CONSTRUCTION	21/05/11	ES

AECOM

DESIGNED BY	OA	CHECKED BY	
DRAWN BY	ES	APPROVED BY	
HOR. SCALE / VERT. SCALE	N/A	RELEASED FOR CONSTRUCTION	
DATE		DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA — N. J. KEHLER — Member 30100 — 21-05-11 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
60650532-SHT-30-0000-C-4001

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2021 SEWER RENEWALS
BY CIPP LINING
CONTRACT 2

MANHOLE RECONSTRUCTION DETAILS 1

SHEET 25 OF 26
CITY DRAWING NUMBER
12895
REV 0

SAVED BY: ES
FILE NAME: C-4001
DRFT CHK
AECOM REVIEW