SECTION A
Scale: NTS

PLAN
Scale: NTS

SECTION B
Scale: NTS

FULL MANHOLE REPLACEMENT DETAIL
1
N.T.S.

SECTION A
Scale: NTS

PLAN
Scale: NTS

SECTION B
Scale: NTS

PARTIAL MANHOLE REPLACEMENT DETAIL
2
N.T.S.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 23/09/06

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

SAVED BY: SmithE1

AECOM REVIEW | DRFT CHK

FILE NAME: C-5001

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 TENDER	23/09/06	ES

AECOM

DESIGNED BY	TB	CHECKED BY	CM
DRAWN BY	ES	APPROVED BY	CM
HOR. SCALE / VERT. SCALE	AS NOTED / N/A	RELEASED FOR CONSTRUCTION	
DATE		DATE	23-09-14

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
T. J. BEAVIS
Member
38263
2023-09-19
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
60703129-SHT-30-0000-C-5001

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2023 SEWER RENEWALS BY CIPP LINING CONTRACT 5

STANDARD MANHOLE INSTALLATION

SHEET 15 OF 15

CITY DRAWING NUMBER
13375
REV 0