



- STEP 1:**
INSTALL SLEEVE (SINGLE CONTINUOUS UNIT) A MINIMUM OF 2.00 FROM THE ADJACENT FEEDERMAIN PIPE TRENCH. EXTEND THE SLEEVE FROM APPROXIMATELY 0.6 ABOVE THE EXISTING GROUND LEVEL TO A MINIMUM OF 0.60 BELOW THE UNDERSIDE OF THE ADJACENT FEEDERMAIN. THE SLEEVE SHALL BE INSTALLED BY **NON-HAMMERING AND NON-VIBRATING METHODS** AND SHALL BE ADVANCED AHEAD OF THE MATERIAL REMOVAL FROM WITHIN THE SLEEVE.
- STEP 2:**
CONTINUE TO ADVANCE THE SLEEVE AND REMOVING LIFTS OF MATERIAL FROM WITHIN THE SLEEVE UNTIL THE CROWN OF THE COMBINED SEWER IS REACHED.
- STEP 3:**
ENSURE ALL WOOD PLANKS/FORMS ARE REMOVED FROM CROWN OF COMBINED SEWER PRIOR TO INSTALLATION OF THE CB LEAD RISER. INSTALL VERTICAL RISER INTO CROWN OF COMBINED SEWER. COMPACT BEDDING IN 0.3m LIFTS WHILE REMOVING SLEEVE IN 0.3m INCREMENTS.
- STEP 4:**
CONNECT CATCHBASIN LEADS WITH 2-45 VERTICAL BENDS TO THE RISERS AND CONTINUE THE COMPACTION OF BEDDING/BACKFILL IN INCREMENTS OF 0.3m UNTIL SLEEVE IS COMPLETELY REMOVED AND EXCAVATION IS BACKFILLED AND COMPACTED.

NOTE:
PRIOR TO ANY CONSTRUCTION, ALL UTILITIES IN THE MEDIAN SHALL BE EXPOSED BY SOFT DIG METHODS TO CONFIRM DEPTH AND LOCATION.

CB LEAD INSTALLATION
SCALE: 1:100
0 2.5 5.0m

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

**ENGINEERS
GEOSCIENTISTS**
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

**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.

BM 15-005 ELEV 232.043 m	N.E. Cor. Inkster Blvd. & Sheppard St., Tib. in W. Conc. Foundation No. 1493 (Inkster Blvd., 3.5 m N. & 0.3 m below Conc. block wall of S.W. Cor. of Bldg. (Near gas service to Bldg.))
C	ISSUED FOR TENDER 19/02/13 GFC
B	RE-ISSUED FOR CLIENT REVIEW 18/12/17 GFC
A	ISSUED FOR CLIENT REVIEW 18/11/15 GFC
No.	REVISIONS YY/MM/DD BY DATE



DESIGNED BY	GFC	CHECKED BY	WRJ
DRAWN BY	KMB	APPROVED BY	BWB
HOR SCALE 1:100		RELEASED FOR CONSTRUCTION	
VERT SCALE		DATE 17/MM/DD	

PROFESSIONAL'S SEAL
**PRELIMINARY
DRAWING**
NOT TO BE
USED FOR
CONSTRUCTION
CONSULTANT FILE NAME
1801558-inkster-XS-02.dwg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
2019 REGIONAL STREET RENEWAL PROGRAM
INKSTER BOULEVARD RECONSTRUCTION
MILNER STREET TO FIFE STREET

CITY DRAWING NUMBER N/A
SHEET 14 OF 15
DRAWING NUMBER 14

SECTIONS
CB LEAD INSTALLATION