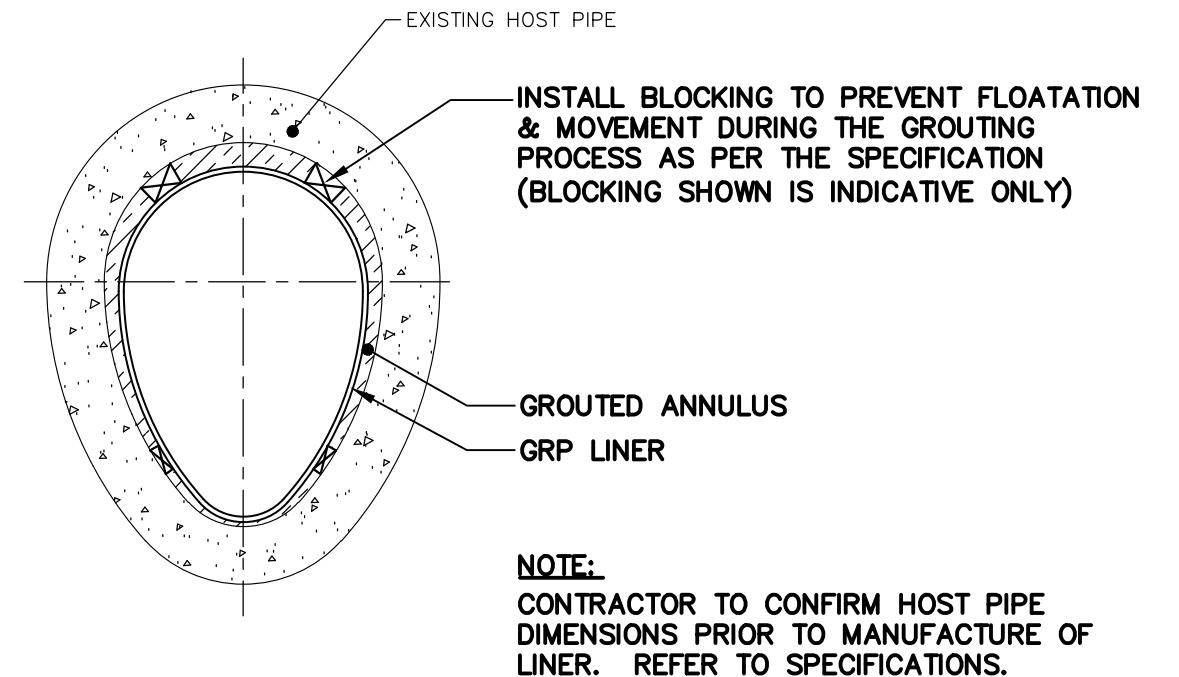
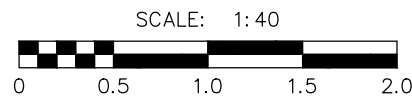
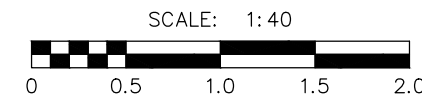


**DETAIL 1
LINER TERMINATION AT MANHOLES**



**DETAIL 2
GROUTED LINER TYPICAL SECTION**



FOR INDEX SEE
13033

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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

LOCATION APPROVED UNDERGROUND STRUCTURES		B.M. ELEV.	
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.			
NO.	ISSUED FOR CONSTRUCTION	DATE	BY
		2022 05 02	ADB
REVISIONS		DATE	BY



DESIGNED BY	ADB	CHECKED BY	JGF
DRAWN BY	DML	APPROVED BY	RPB
SCALE: HORIZONTAL VERTICAL		RELEASED FOR CONSTRUCTION	STACY COURNOYER, P.Eng.
DATE	MAY 2, 2022	DATE	MAY 2, 2022

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2022 TRENCHLESS REHABILITATION OF
NON-CIRCULAR COMBINED SEWERS – CONTRACT 2

MISCELLANEOUS DETAILS – 1

SHEET 7 OF 9
CITY DRAWING NUMBER

13038