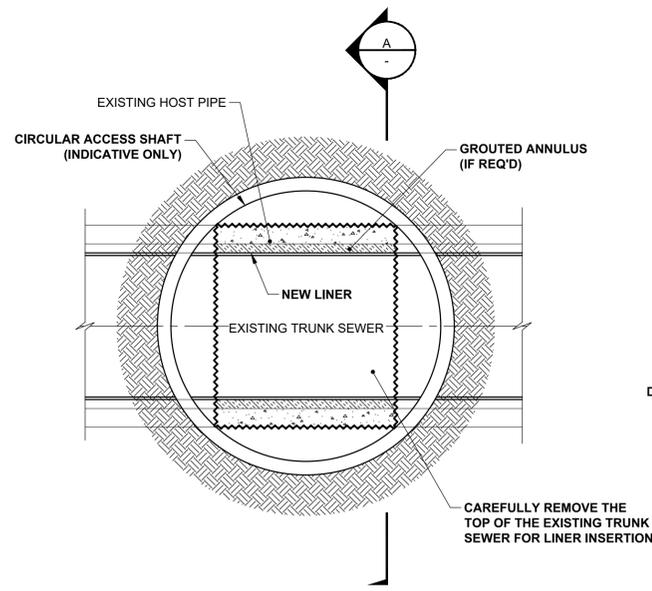


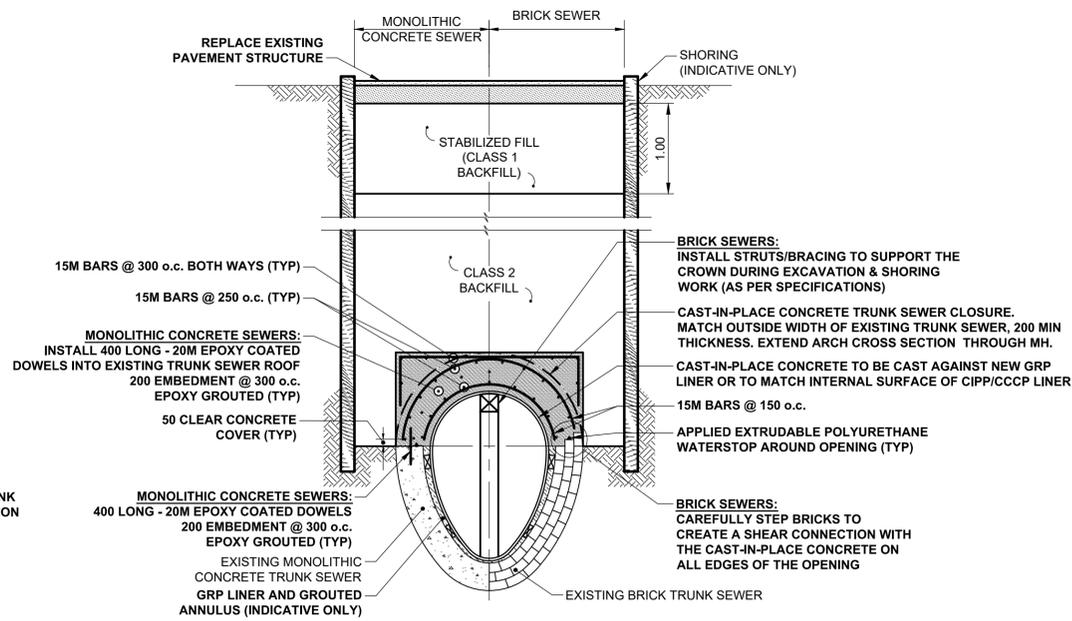
D SIZE 22" x 34" (559mm x 864mm)

PLOT: 10/20/2020 2:18:25 PM

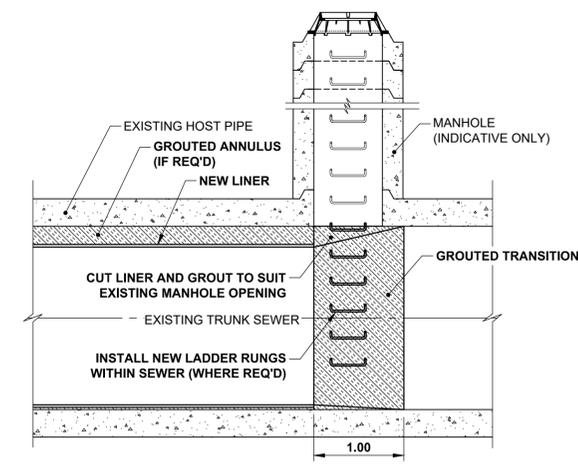
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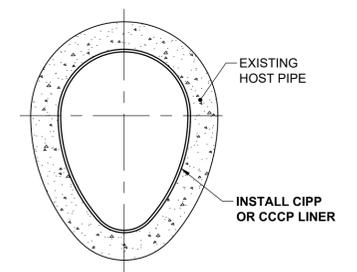
1 | MID PIPE ACCESS SHAFT
(TYPICAL) Scale: 1:40



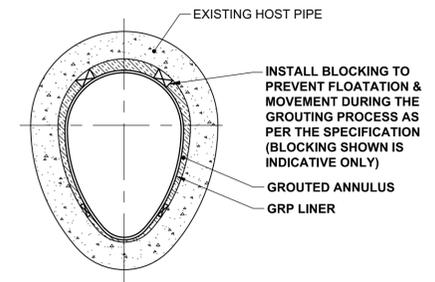
SECTION A
Scale: 1:40



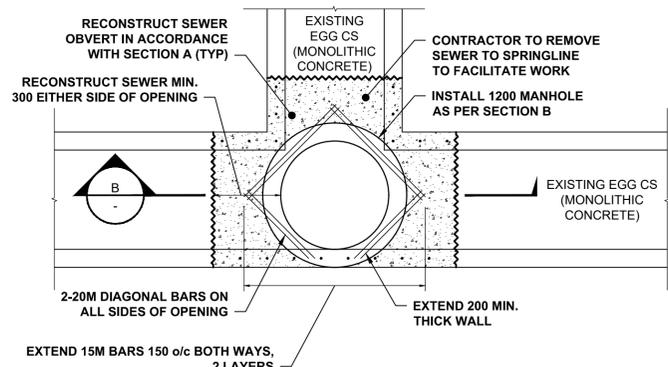
2 | LINER TERMINATION AT EXISTING MANHOLES
Scale: 1:40



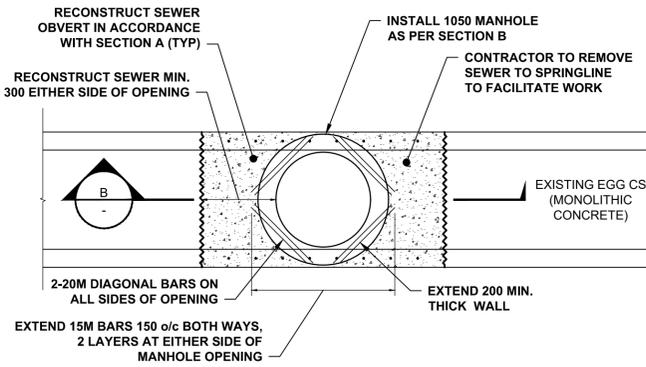
3 | CLOSE-FIT LINER - TYPICAL CROSS-SECTION
Scale: 1:40



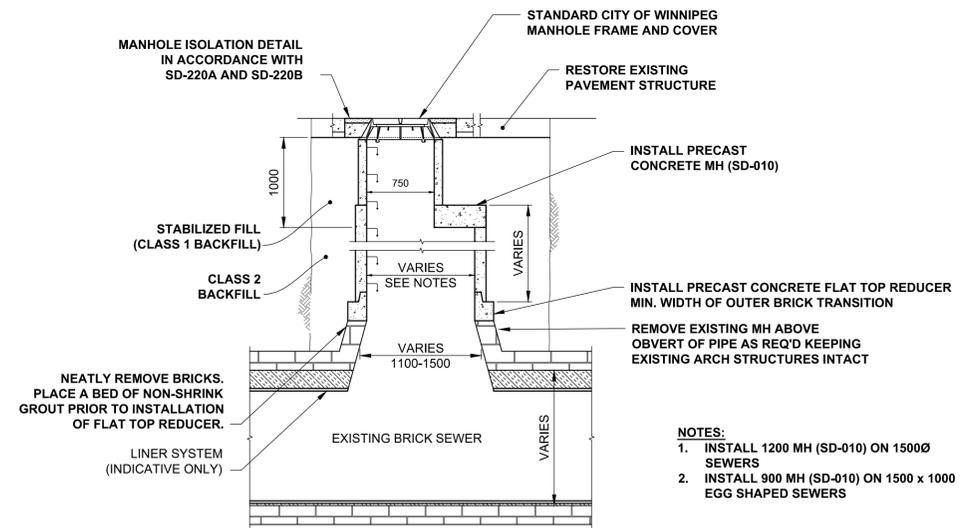
4 | GROUTED LINER - TYPICAL CROSS-SECTION
Scale: 1:40



6 | MANHOLE RECONSTRUCTION DETAIL FOR MONOLITHIC CONCRETE SEWERS - TEE BRANCH
Scale: 1:40



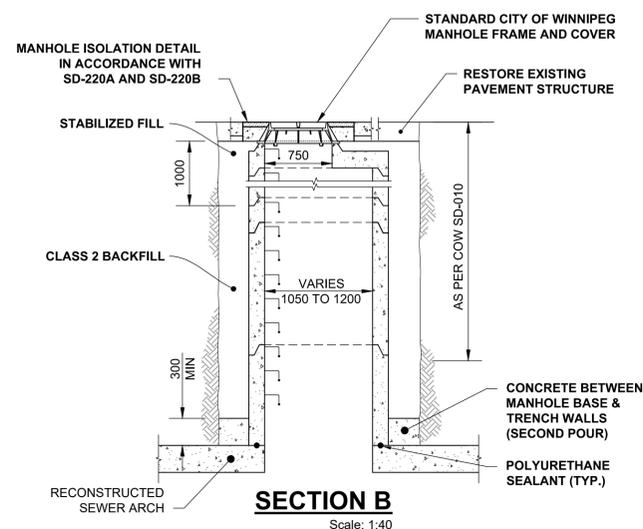
7 | MANHOLE RECONSTRUCTION DETAIL FOR MONOLITHIC CONCRETE SEWERS
Scale: 1:40



5 | TYPICAL MANHOLE RECONSTRUCTION DETAIL FOR BRICK SEWERS
Scale: 1:40

- NOTES:**
- INSTALL 1200 MH (SD-010) ON 1500Ø SEWERS
 - INSTALL 900 MH (SD-010) ON 1500 x 1000 EGG SHAPED SEWERS

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



SECTION B
Scale: 1:40

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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.	
0	ISSUED FOR CONSTRUCTION
NO.	REVISIONS
	DATE

DESIGNED BY	TJB/ADB	CHECKED BY	CCM
DRAWN BY	KLC	APPROVED BY	KWF
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERT. SCALE	AS NOTED	DATE	Oct 16/20

AECOM

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
A.D. BRAUN
Member
24483
REGULATED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
60622950-SHT-00-0000-C-4001

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2020 TRENCHLESS REHABILITATION OF NON-CIRCULAR COMBINED SEWERS CONTRACT 2

CIVIL
MISCELLANEOUS SECTIONS & DETAILS

SHEET 6 OF 6
CITY DRAWING NUMBER
12597
REV 0

TENDER NO. 459-2020