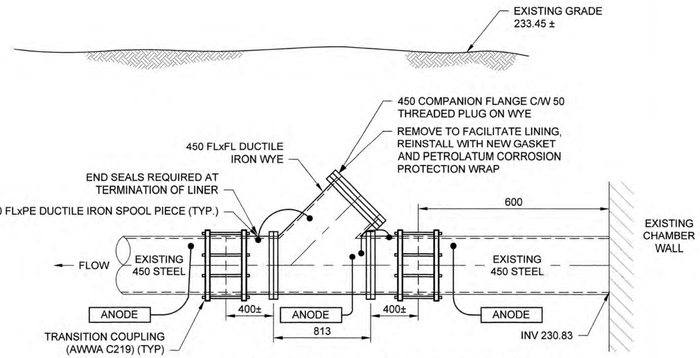
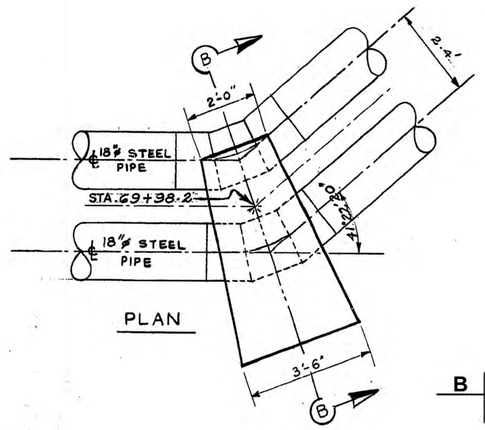


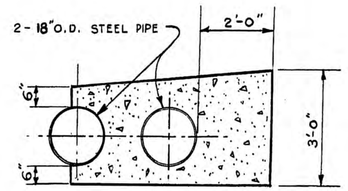
A | EXISTING TOOL LAUNCH WYE

SCALE 1:25

NOTES:
- INSTALL END SEALS AT TERMINATION OF LINER
- WYE MAY BE REMOVED TO FACILITATE LINING. IF REMOVED, IT SHALL BE REINSTALLED TO EXISTING CONDITION
- AN EXCAVATION AND SHORING PLAN IS REQUIRED PRIOR TO CONSTRUCTION



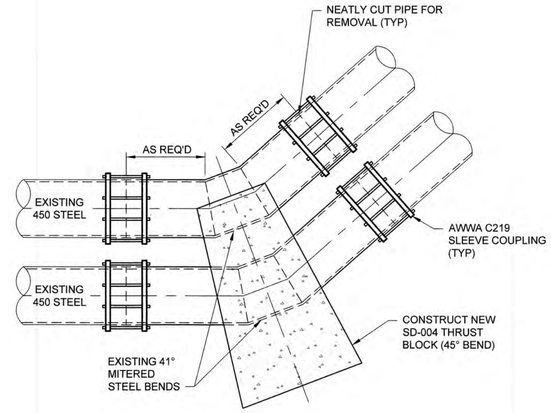
PLAN



SEC. "B-B"

B | EXISTING 450 FORCEMAIN BEND AND THRUST BLOCK DETAIL

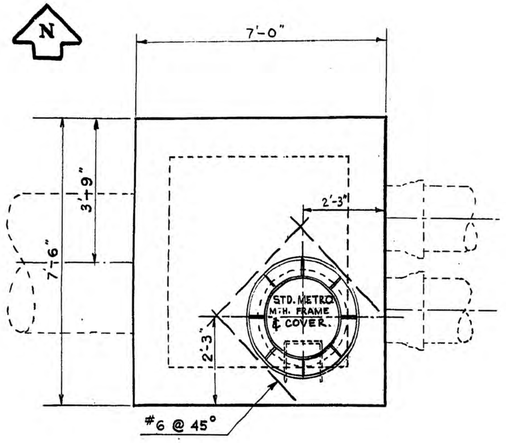
Scale N.T.S.



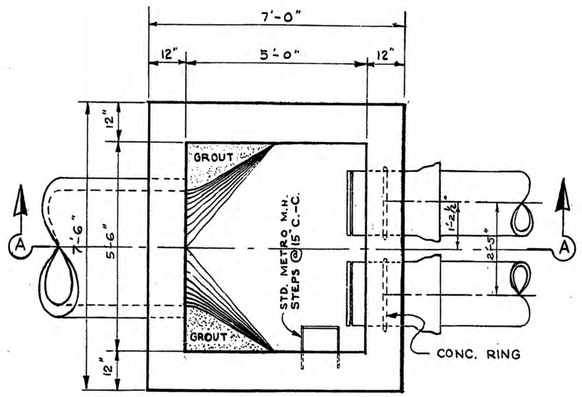
C | 450 BEND AND THRUST BLOCK REMOVAL AND REINSTALLATION DETAIL

SCALE 1:25

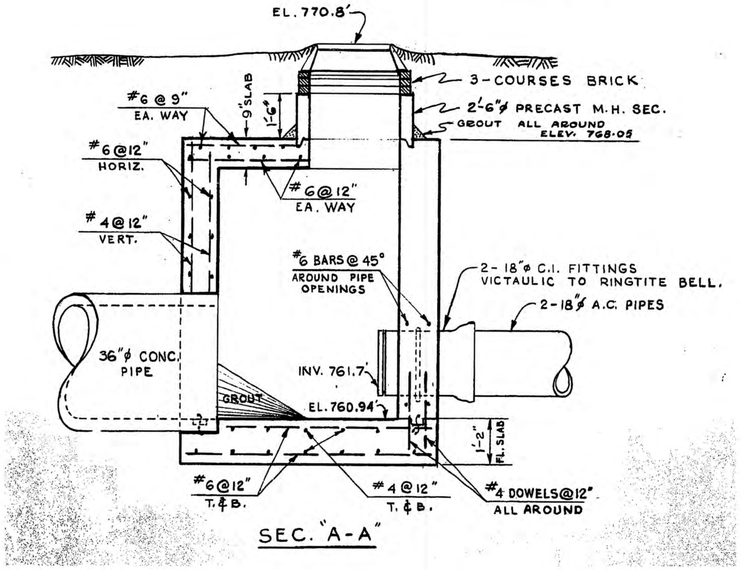
NOTES:
- IF REQUIRED THE EXISTING BENDS SHALL BE REMOVED TO REPAIR THE LINER
- BENDS CAN BE CUT, REPAIRED AND REINSTALLED ONE AT A TIME
- PROVIDE TEMPORARY THRUST BRACING AT ALL TIMES WHEN THE THRUST BLOCK IS REMOVED



ROOF PLAN



FLOOR PLAN



SEC. "A-A"

D | DISCHARGE MANHOLE AT ASHCROFT POINT

Scale N.T.S.

NOTES:
- INSTALL FLOW DIVERSIONS AS REQUIRED TO FACILITATE CONSTRUCTION
- MANHOLE FRAME AND COVER AND 750Ø RISERS MAY BE REMOVED TO FACILITATE CONSTRUCTION
- RESTORE MANHOLE TO EXISTING CONDITION UPON COMPLETION OF WORK

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

TENDER NO. 237-2019

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW
150 WM	WATERMAIN	150 WM		CURB STOP		150 WM	WATERMAIN	150 WM
	HYDRANT			REDUCER			HYDRANT	
	VALVE			COUPLING			VALVE	
300 LDS	LAND DRAINAGE SEWER	300 LDS		ANODE		300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS		HYDRO		250 WWS	WASTE WATER SEWER	250 WWS
	MANHOLE			MTS			PAVEMENT CROWN	
	CATCH BASIN			GAS			N/W PROPERTY LINE	
	CURB INLET			TESTHOLE			S/E PROPERTY LINE	
	CULVERT			LAMP STANDARD			N/W GUTTER	
	PIPE ABANDONMENTS			TREE			S/E GUTTER	
	SURVEY BAR							

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	19/06/13	KLC

AECOM

DESIGNED BY	ADB	CHECKED BY	NK
DRAWN BY	KLC	APPROVED BY	
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERT. SCALE	N/A	DATE	19-06-14

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
A. D. BRAUN
Member
24453
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
60580516-SHT-30-0000-C-4001

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date June 13/19

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

REHABILITATION OF THE ST. JAMES INTERCEPTOR FORCE MAIN SIPHON BY CIPP

DETAILS

SHEET 2 OF 2

CITY DRAWING NUMBER 12122

REV 0

AECOM REVIEW | DRFT CHK

AECOM FILE NAME: 60580516-SHT-30-0000-C-4001.dwg Saved By: cooperkl

PLOT: 6/12/2019 4:44:38 PM

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