D SIZE 22" x 34" (559mm x 864mm)
PLOT: 4/24/2018 9:52:48 AM
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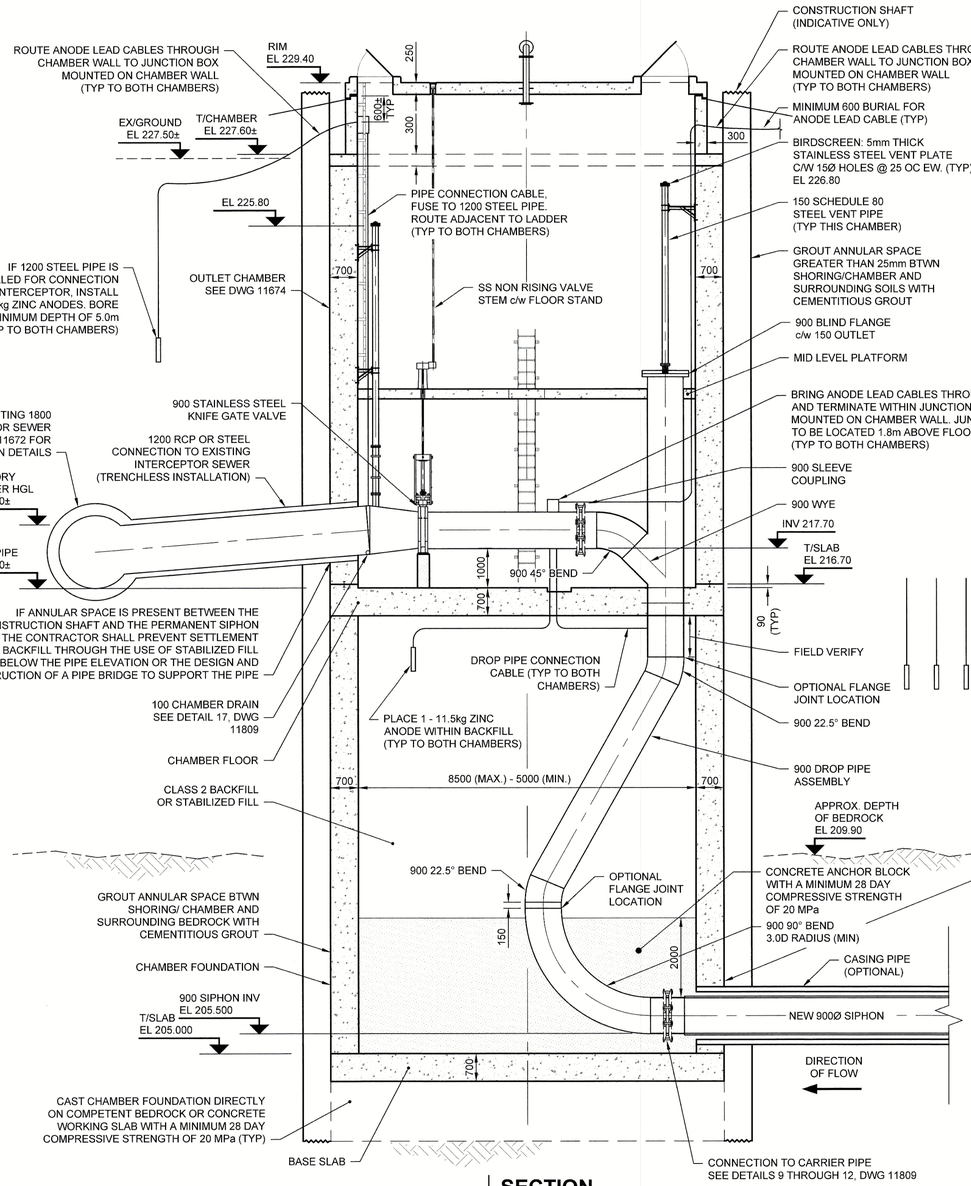
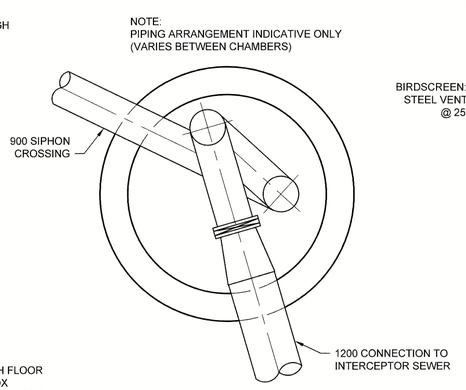


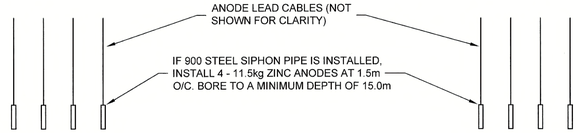
SECTION
OUTLET CHAMBER

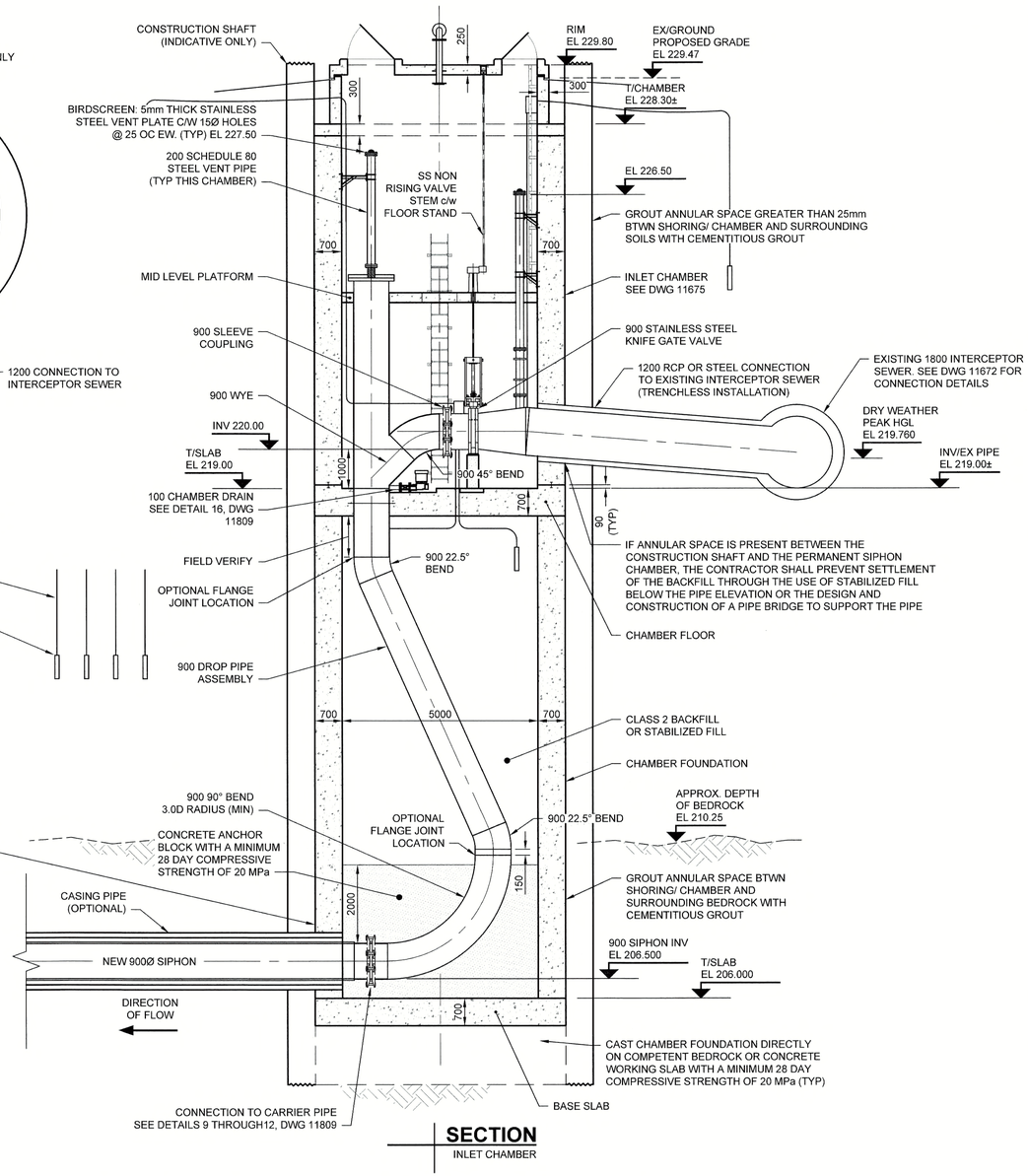
0 1875 3750 mm
1:75



PLAN
DROP PIPE (TYP)

0 1875 3750 mm
1:75





SECTION
INLET CHAMBER

0 1875 3750 mm
1:75

NOTES:
- CONNECTION TO THE EXISTING INTERCEPTOR SHALL BE COMPLETED USING ONE OF THE FOLLOWING OPTIONS:
  - TRENCHLESSLY INSTALLED CASING PIPE (2.4m MIN. DIAMETER) INSTALLED FROM THE CHAMBER/SHAFT. CASING PIPE TO FORM OUTER FORM WORK FOR CAST IN PLACE CONCRETE CONNECTION.
  - SUNK CONSTRUCTION SHAFT AT THE TIE-IN LOCATION.
- SEE DWG 11674 AND 11675 FOR PIPING AND STRUCTURAL DETAILS
- STRUCTURAL CONCRETE REINFORCING NOT SHOWN FOR CLARITY. REFER TO DWG 11676
- ANNULAR SPACE BETWEEN THE CONSTRUCTION SHAFT AND THE PERMANENT SIPHON CHAMBERS SHALL BE BACKFILLED WITH CLASS 2 BACKFILL OR STABILIZED FILL
- THE CITY WILL ENDEAVOR TO LOWER THE HGL IN THE DOWNSTREAM INTERCEPTOR TO FACILITATE THE TIE-IN WORK IN ACCORDANCE WITH THE SPECIFICATIONS

CORROSION PROTECTION NOTES:
- BURIED FLANGE CONNECTIONS SHALL BE INSTALLED COMPLETE WITH 2 CONTINUITY BONDING WIRES
- ALL CABLE PENETRATIONS THROUGH THE CHAMBER WALL SHALL BE INSTALLED WITH CABLE PENETRATION SEALS
- CABLING WITHIN CHAMBER SHALL BE ANCHORED/SUPPORTED OFF WALL EVERY 900mm (MAX)
- ALL LEAD AND CONNECTION CABLES SHALL CONSIST OF TWO CABLES FOR REDUNDANCY

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: Apr. 24/18

BID OPPORTUNITY NO. 1136-2017B

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	18/04/24	KLC

AECOM

DESIGNED BY	ADB	CHECKED BY	
DRAWN BY	ADL/KLC	APPROVED BY	
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERT. SCALE	AS NOTED		
DATE		DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA — A. BRAUN Member 24452 — REGISTERED PROFESSIONAL ENGINEER — APR 24/18
CONSULTANT DRAWING NO.
60509089-SHT-30-0000-S-4005

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTHEAST INTERCEPTOR SEWER
RIVER CROSSING

MICROTUNNELLING SHAFT
CHAMBER PIPING

SHEET 05 OF 11
CITY DRAWING NUMBER
11673
REV 0

AECOM REVIEW | DRFT CHK