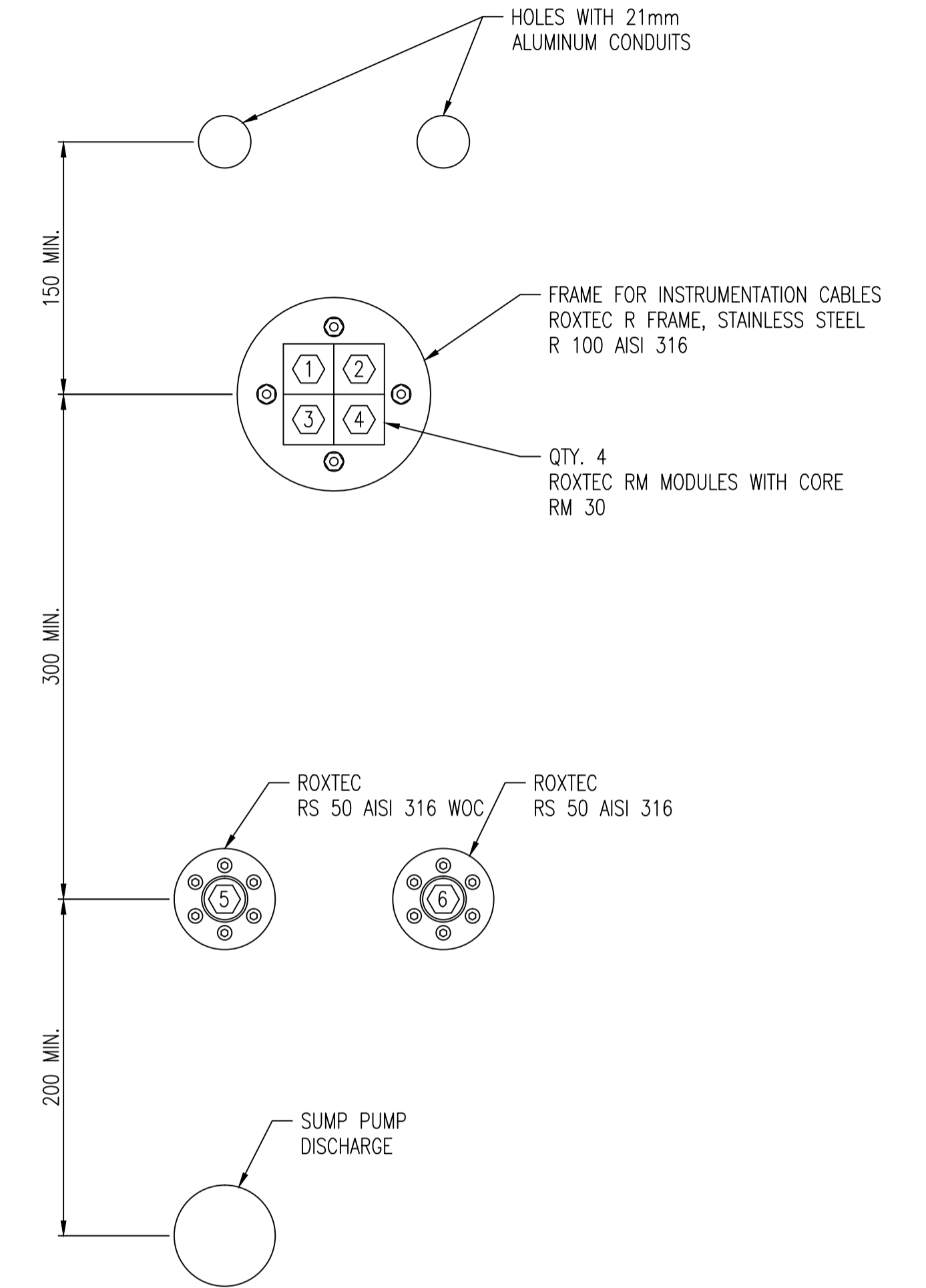


FLOW METER CHAMBER PLAN - ELEV. 221.738  
SCALE: 1 : 30

INSTALLATION NOTES:

- 1 SUPPLY AND INSTALL ROXTEC CABLE SEALS AS SHOWN. ENSURE CABLE SEALS ARE APPROPRIATELY SIZED FOR THE CABLES SUPPLIED.
- 2 PROVIDE UNISTRUT SUPPORT BRACKET FOR LEVEL SWITCHES AS REQUIRED.
- 3 TERMINATE SUBMERSIBLE CABLES IN THE JUNCTION BOXES. MOUNT JBA-L570 AND JB-SP-L14 WITH THE CENTER OF THE BOX AT 1.8m AFF.
- 4 INSTALL HAZARDOUS RATED CONDUIT SEALS ON EACH CONDUIT FROM THE PUMP ROOM TO THE FLOWMETER CHAMBER

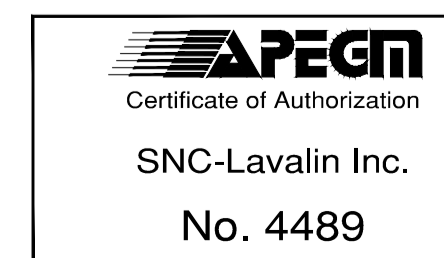


1 - DETAIL : CABLE SEAL INSTALLATION  
SCALE: 1 : 3

CABLE SEAL SCHEDULE

LOC'N	CABLE ID	CABLE TYPE	REF. DWG
1	CA-L570-1	6C, 16 AWG, ACIC	1-0164L-A0027 1-0164L-A0039
2	(SPARE)	-	-
3	(SPARE)	-	-
4	(SPARE)	-	-
5	C-SP-L14	3C, 12 AWG, TECK90	1-0164L-A0027
6	(SPARE)	-	-

1-0164L-E0016	ELECTRICAL SCHEDULES
1-0164L-E0017	FLOW METER AND LEVEL SWITCH INSTALLATION DETAILS
DRAWING NUMBER	REFERENCE DRAWINGS



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OPP. 907-2011	2012/02/09	VE	CJR

**SNC-LAVALIN INC.**  
148 Nature Park Way  
Winnipeg, MB, Canada R3P 0X7  
204-786-8080

DESIGNED BY: V. ELIMBAN  
CHECKED BY: C. REIMER  
DRAWN BY: M.J. PERSSON  
APPROVED BY: C. REIMER  
SCALE: AS SHOWN  
RELEASED FOR CONSTRUCTION BY: K. R. ZUREK  
DATE: 2011/10/20  
DATE: 2012/02/23  
CONSULTANT NO.: 508042-0000-47DD-0008

ENGINEER'S SEAL

ORIGINAL DRAWING  
SEALED BY:  
C. J. REIMER  
SNC-LAVALIN  
MEMBER #21968  
2012/02/23  
REV. 00

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

MONTCALM WASTEWATER PUMPING STATION  
2011 UPGRADES  
ELECTRICAL EQUIPMENT PLAN  
FLOW METER CHAMBER

CITY DRAWING NUMBER: 1-0164L-E0008  
SHEET: 001  
REV: 00  
SIZE: A1