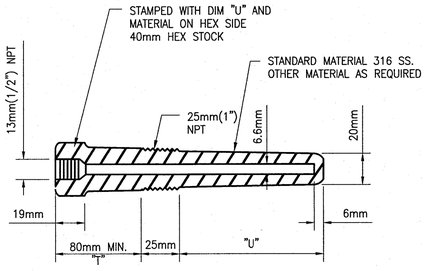
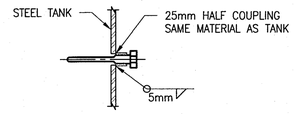
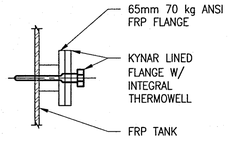


LINE SIZE (mm)	DIM "U" (mm)
20	150
25	150
40	150
50	150
80	150
100	90
125	150
150	150
250	200
300	200
350	300
500	300

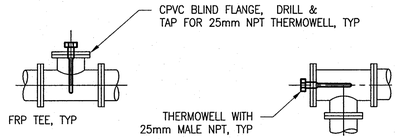
INSUL. THKNESS (mm)	DIM "T" (mm)
<50	80
80	90
100	115
125	140
150	165



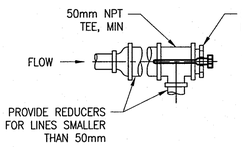
STEEL TANK



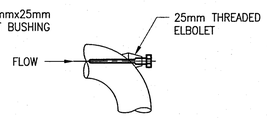
FRP TANK



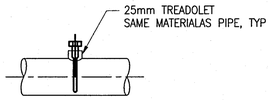
FRP PIPE



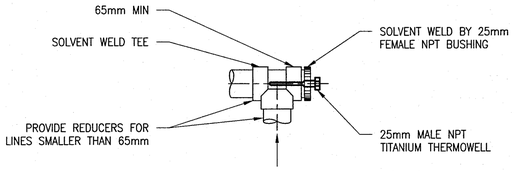
LINES < 50mm



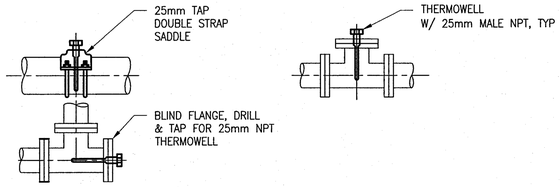
LINES 50mm TO 80mm



LINES > 80mm



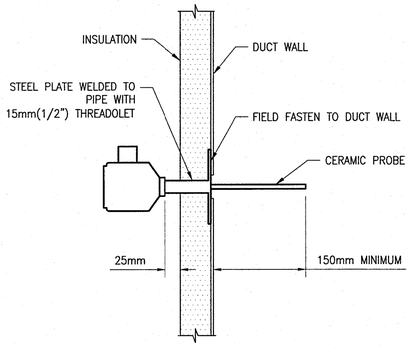
PVC & CPVC PIPE



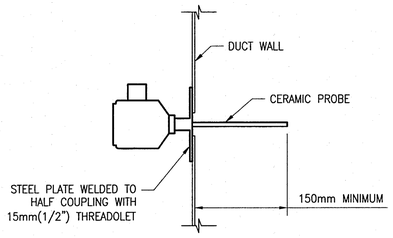
CEMENT LINED STEEL, CAST IRON AND DUCTILE IRON PIPE

(A) TYPICAL THERMOWELL INSTALLATION
NTS

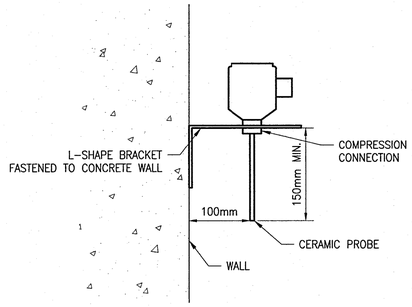
(B) OTHER THERMOWELL INSTALLATION
NTS



(C) TEMPERATURE TRANSMITTER – INSULATED DUCT
NTS



(D) TEMPERATURE TRANSMITTER – UN-INSULATED DUCT
NTS



(E) TEMPERATURE TRANSMITTER – WALL MOUNT
NTS

APEGM Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION – 976-2016	2017/04/05	SSB	TMC

CH2MHILL. SNC·LAVALIN KGS GROUP

DESIGNED BY: S. BOGHOSIAN	CHECKED BY: T. CHURCH
DRAWN BY: MJ. PERSSON	APPROVED BY: E. RYCZKOWSKI
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2015/03/24	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
T. M. CHURCH
Member 32682
REGISTERED PROFESSIONAL ENGINEER
Apr. 5, 2017

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
AUTOMATION
INSTALLATION DETAILS
TEMPERATURE INSTRUMENTS

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-ADTL-A004	001	00	A1

A1 SIZE – 594mm x 841mm

LAST SAVE: 2017/04/01 – 4:01pm
PATH: C:\pw_workdir\ch2mhill_wbg\sh043264\d0356273\1-0102-ADTL-A004.dwg

PLOT DATE: Apr 01, 2017 – 4:01pm
FILE NAME: 1-0102-ADTL-A004.dwg