



C	ISSUED FOR TENDER	2017 12/03
B	ISSUED FOR 99% REVIEW	2016 11/16
A	ISSUED FOR 66% REVIEW	2016 09/27
revisions		date

project

projet

**PETROLEUM STORAGE SYSTEM UPGRADES
ST. ANDREWS
BIOLOGICAL STATION
ST. ANDREWS, NB**

drawing

dessin

**FURNACE OIL TANK PLAN
ESTHER LORD BLDG.,
CONFERENCE CENTRE,
AND MEDCOF BLDG.**

designed	J. SLIPP	conçu
date	OCT. 6, 2016	
drawn	J. BERRY	dessiné
date	OCT. 6, 2016	
approved	E. FINNAMORE	approuvé
date	OCT. 6, 2016	

Tender

2017.01.10
Soumission

PWGSC Project Manager
Administrateur de projets TPSGC

project number
no. du projet

R.070007.019

drawing no.

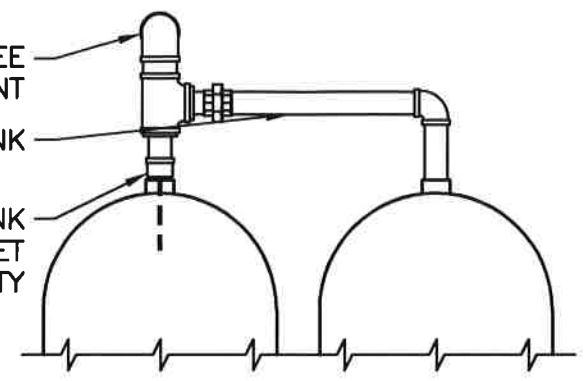
no. du dessin

101

75Ø COMMON VENT TO ATMOSPHERE SEE PLAN FOR VENT MANIFOLD ARRANGEMENT

50Ø VENT FROM SECOND TANK

50Ø VENT WHISTLE ON TANK EQUIPPED WITH FILL PIPE ONLY SET AT 90% TANK CAPACITY



VENT MANIFOLD ELEVATION

SCALE : 1:20



75Ø COMMON VENT TO ATMOSPHERE

50Ø FILL PIPE ONE TANK ONLY – PLUG BUNG LIQUID TIGHT ON SECOND TANK

50Ø VENT WHISTLE ON TANK EQUIPPED WITH FILL PIPE ONLY

NEW LEVEL GAUGE BOTH TANKS

INTERSTITIAL VENT PLUG LIQUID TIGHT BOTH TANKS

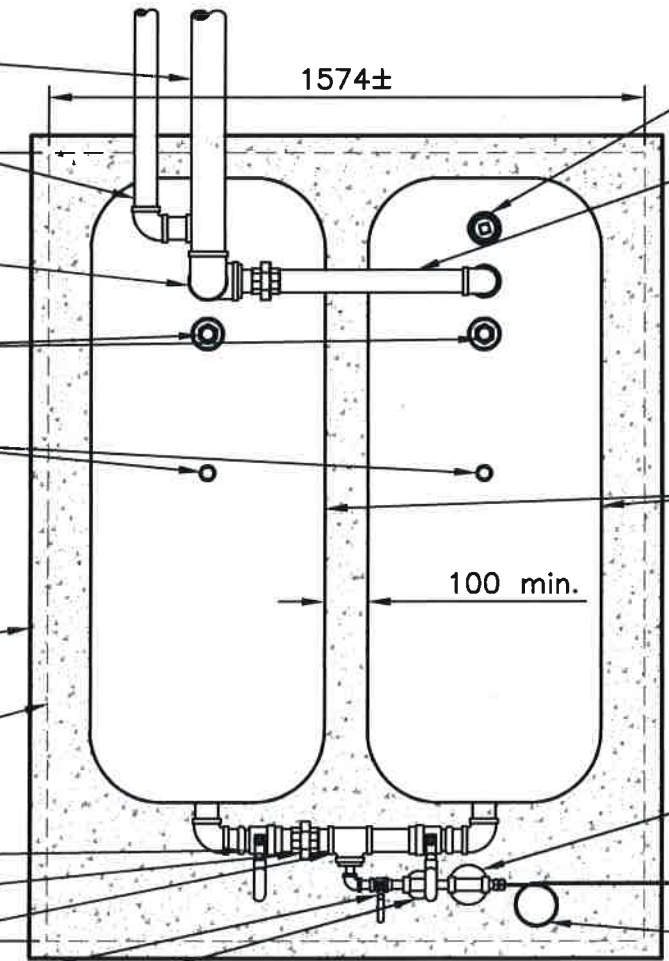
1574±

2082±

100 min.

PLUG UNUSED BUNG LIQUID TIGHT (typ.)

50Ø VENT FROM SECOND TANK SEE PLAN FOR VENT MANIFOLD ARRANGEMENT



EXISTING CONCRETE TANK PAD TO BE RE-USED

EXISTING STEEL CONTAINMENT DYKE TO BE REMOVED

50Ø BALL VALVE

50Ø UNION

50Ø TEE (OUTLET BUSHED TO 15Ø)

15Ø BALL VALVE

15Ø OIL SAFETY VALVE

NEW 909L ABOVEGROUND DOUBLE WALL FRP FURNACE OIL STORAGE TANKS ULC S670-14 c/w 50Ø BOTTOM CONNECTION

15Ø FUEL FILTER

15Ø JACKETED FLEXIBLE COPPER TUBING c/w FLARE FITTINGS TO APPLIANCE – PROTECT FROM FOOT TRAFFIC WHERE TUBING RUNS ON FLOOR – SEE DETAIL

TYPICAL FURNACE OIL TANK PLAN

SCALE : 1:20



NOTE:
CONTRACTOR TO ENSURE THERE ARE NO RESTRICTIONS LESS THAN 50mm IN THE TANK MANIFOLD PIPING

