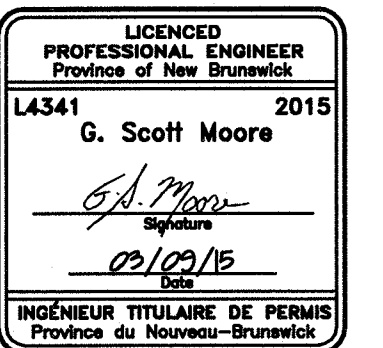


KEY PLAN  
N.T.S.

**on sa** F.C. O'Neill, Scriven & Assoc's Limited  
Consulting Engineers  
5450 Cornwell Street, Unit 205, Long Beach, BC V4L 1A9  
Tel: 604-435-0101 Fax: 604-435-0102 www.onsa.ca  
3411 Townsend Street, Surrey, BC V3R 5G1  
Tel: 604-585-5000 Fax: 604-585-5001 www.onsa.ca



6	ISSUED FOR TENDER	SEP 03 2015
5	ISSUED FOR TENDER	AUG 13 2015
4	ISSUED FOR 100% REVIEW	JUN 30 2015
3	ISSUED FOR REVIEW	JAN 16 2015
2	ISSUED FOR REVIEW	JAN 08 2015
1	ISSUED FOR REVIEW	DEC 19 2014
revisions		date
project		project

## GENERATOR REPLACEMENT DORCHESTER PENITENTIARY

drawing design

## FUEL OIL, HEATING AND SPRINKLER LAYOUTS AND DETAILS

designed	TDM	conçu
date	SEPTEMBER 3, 2015	
drawn	NGB	dessiné
date	SEPTEMBER 3, 2015	
approved	GSM	approuvé
date	SEPTEMBER 3, 2015	
Tender		Soumission
PWGSC Project Manager	Administrateur de projets TPSGC	
project number		no. du projet

R.061866.001

drawing no. no. du dessin

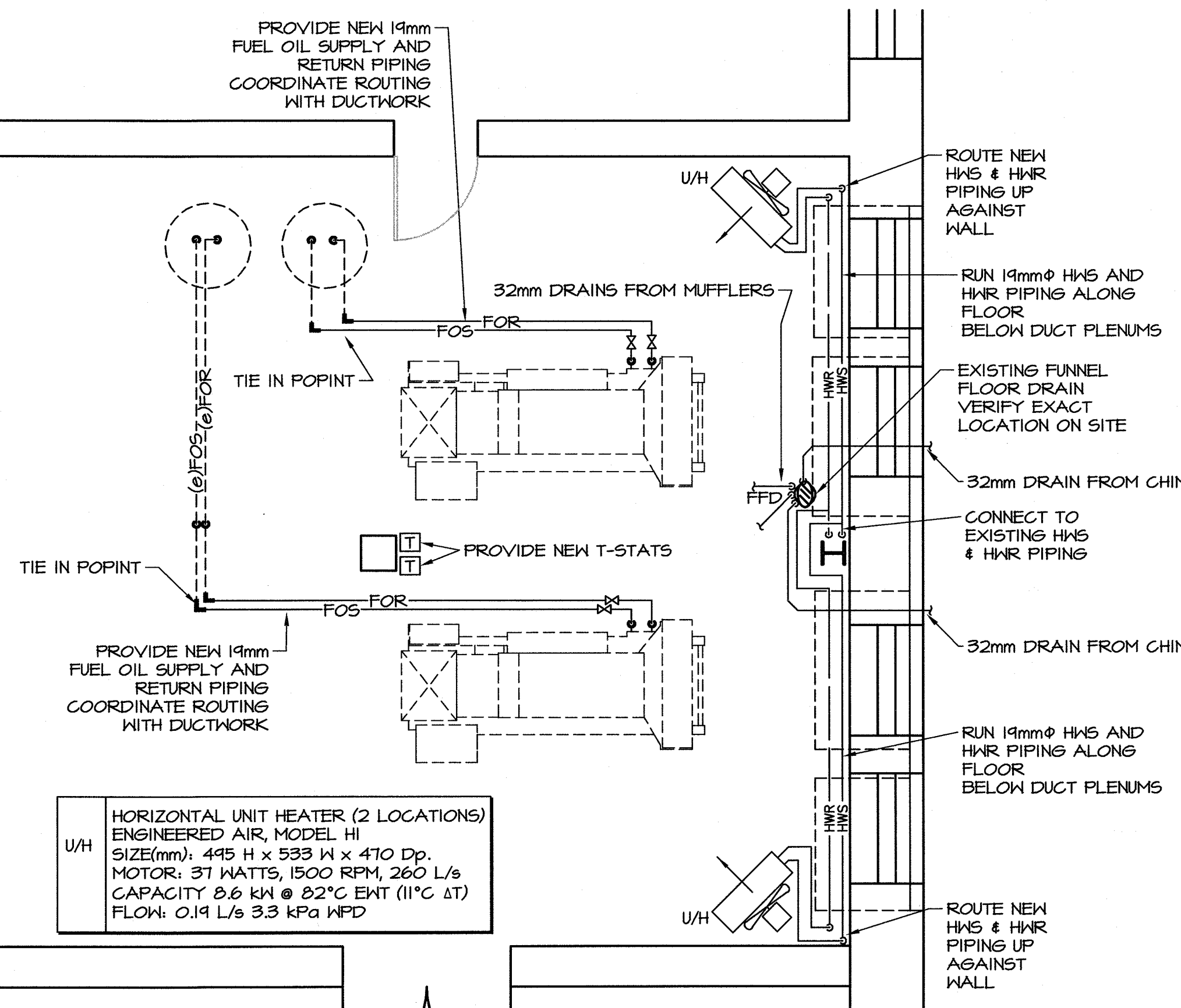
M102

## GENERATOR ROOM - PIPING DEMOLITION LAYOUT

SCALE: 1:50  
0m 1m 2m 3m 4m 5m

## GENERATOR ROOM - SPRINKLER LAYOUT

SCALE: 1:50  
0m 1m 2m 3m 4m 5m

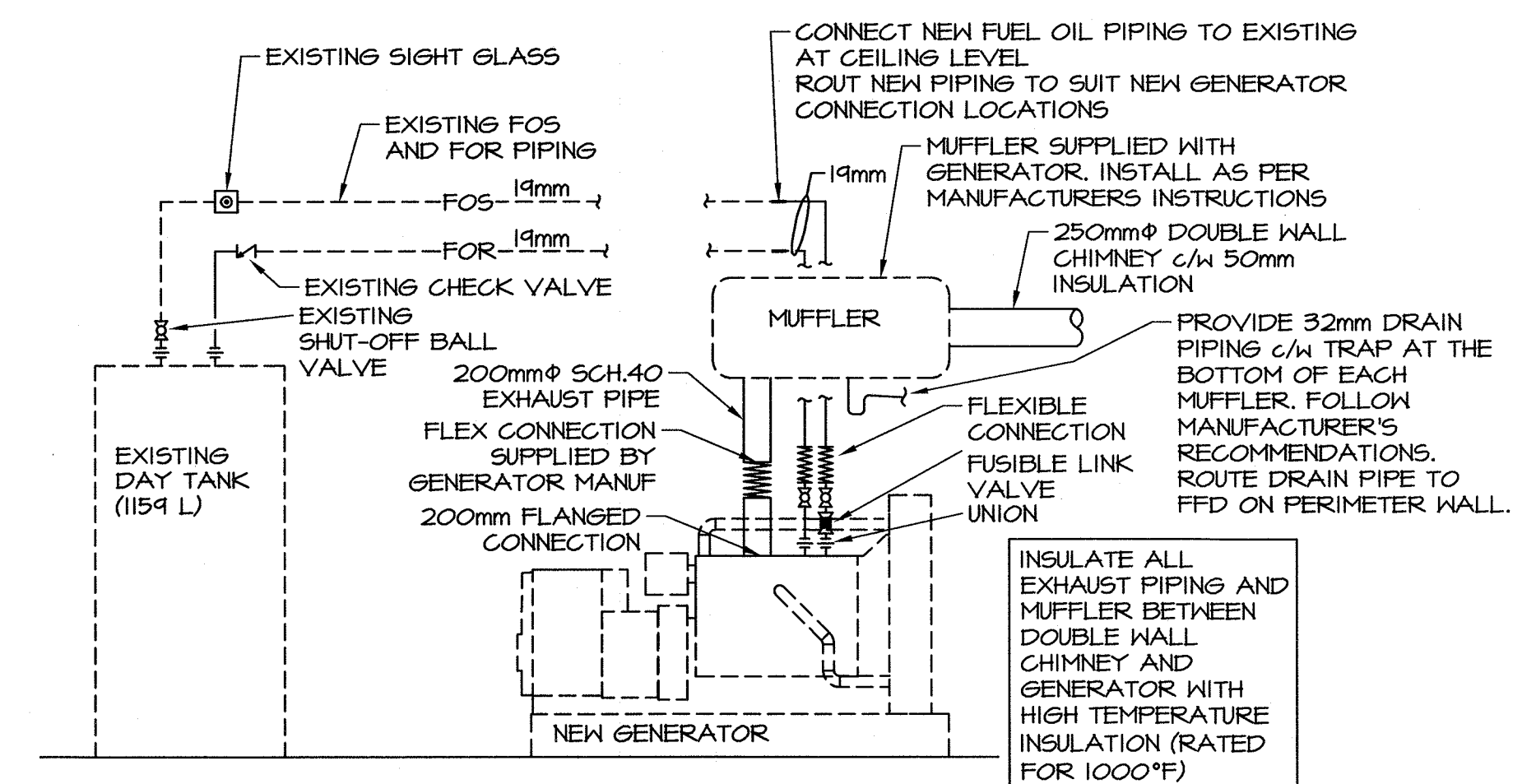


## GENERATOR ROOM - NEW PIPING LAYOUT

SCALE: 1:50  
0m 1m 2m 3m 4m 5m

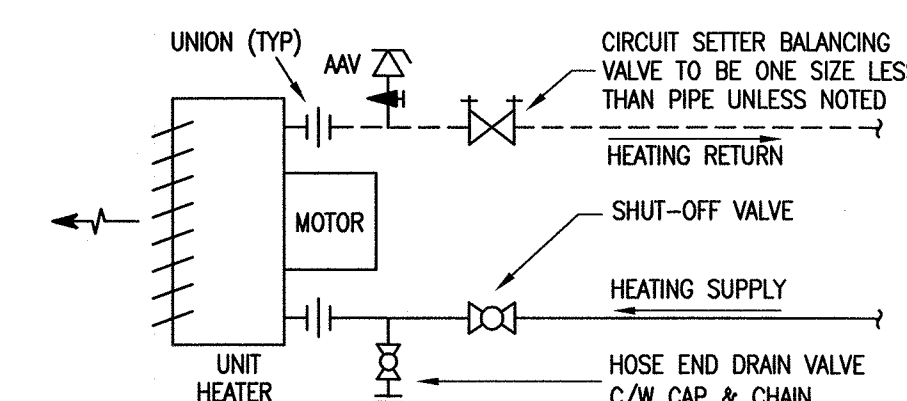
SYMBOL	DESCRIPTION
---	HEATING WATER SUPPLY
----	HEATING WATER RETURN
---	GLYCOL/WATER SUPPLY
----	GLYCOL/WATER RETURN
G	PIPE DOWN (DN)
O	PIPE UP (UP)
⊗	GATE VALVE
⊘	CHECK VALVE
⊕	BALANCING VALVE
⊖	CONTROL VALVE (ELEC.)
⊙	STRAINER
⊕	PRESSURE GAUGE c/w PETCOCK
⊖	PRESSURE GAUGE c/w PETCOCK (STM)
⊕	HOSE END DRAIN
⊖	UNION
⊕	THERMOSTAT (ELECTRONIC)
COIL #1	EQUIPMENT TAG

SYMBOL	DESCRIPTION
---	PIPE DOWN
---	PIPE UP
⊕	SPRINKLER HEAD (UPRIGHT)



## GENERATOR PIPING SCHEMATIC

SCALE: NTS



## HOT WATER UNIT HEATER (U/H)

SCALE: NTS