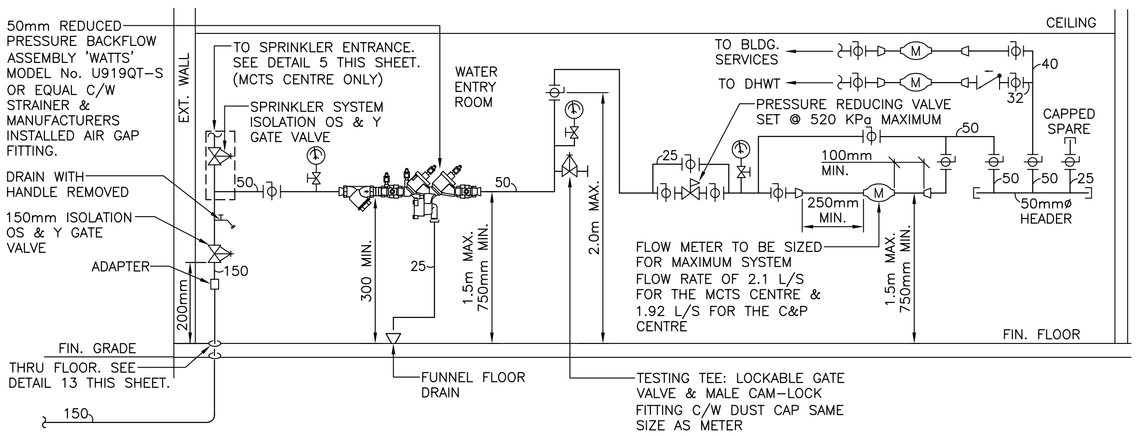
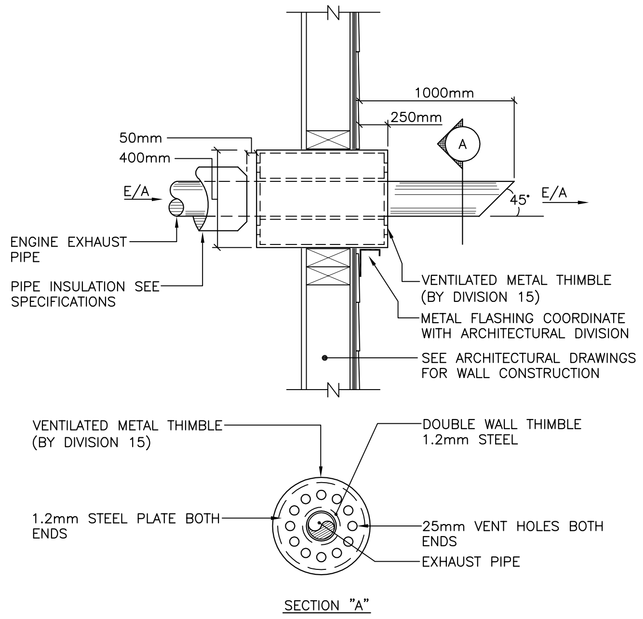
REQUIREMENTS FOR INSTALLATION OF WATER ENTRANCE DEVICES		
HEIGHTS/CLEARANCES		DESCRIPTION
1500mm	MAXIMUM	HEIGHT BETWEEN FINISHED FLOOR AND CENTERLINE OF THE WATER METER AND BACKFLOW PREVENTION DEVICES
750mm	MINIMUM	HEIGHT BETWEEN FINISHED FLOOR AND CENTERLINE OF THE WATER METER AND BACKFLOW PREVENTION DEVICES
750mm	MAXIMUM	CLEARANCE IN FRONT OF THE WATER ENTRANCE , FROM EDGE OF DEVICE TO THE CLOSEST WALL OR OBSTRUCTION.
150mm	MAXIMUM	CLEARANCE BEHIND THE WATER ENTRANCE , FROM EDGE OF DEVICE TO THE CLOSEST WALL OR OBSTRUCTION.
300mm	MAXIMUM	CLEARANCE ABOVE AND BELOW THE WATER METER AND BACKFLOW PREVENTION DEVICES , FROM THE TOP/BOTTOM OF CLOSEST OBSTRUCTION
2000mm	MAXIMUM	HEIGHT BETWEEN FINISHED FLOOR AND CENTERLINE OF THE TEST TEE AND DOWNSTREAM ISOLATION VALVE.
>25mm	MAXIMUM	MINIMUM "AIR BREAK" BETWEEN THE DRAIN LINE FOR THE REDUCED AIR PRESSURE BACKFLOW PREVENTER AND THE TOP OF THE HUB DRAIN. IF DRAIN LINE IS GREATER THAN 25mm, THEN THE MINIMUM "AIR BREAK" MUST EQUAL THE PIPE DIAMETER.



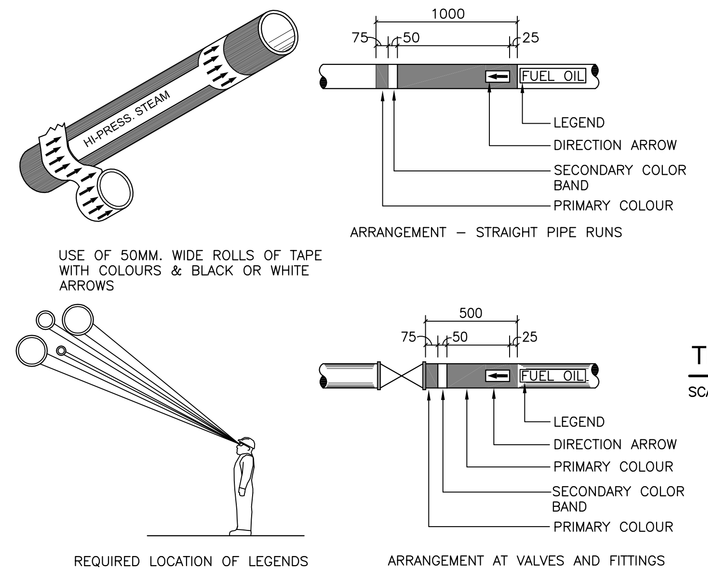
DOMESTIC WATER ENTRANCE PIPING SCHEMATIC — 1 / M6

SCALE : N.T.S.



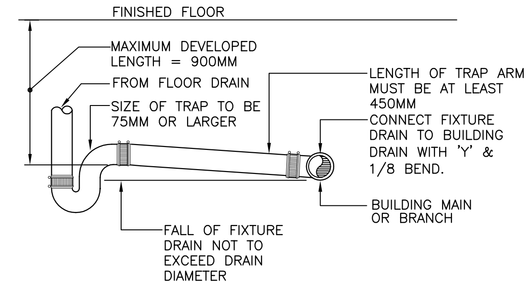
WALL THIMBLE DETAIL (ENGINE EXHAUST) — 2 / M3

SCALE : N.T.S.



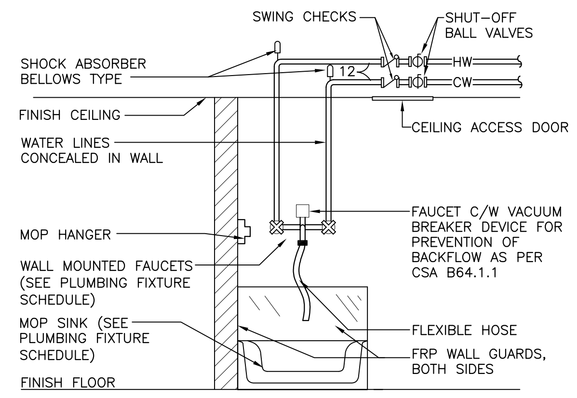
IDENTIFICATION OF PIPING SYSTEMS — 3 / M6

SCALE : N.T.S.



TRAPPED FLOOR DRAIN WITHOUT VENT — 4 / M6

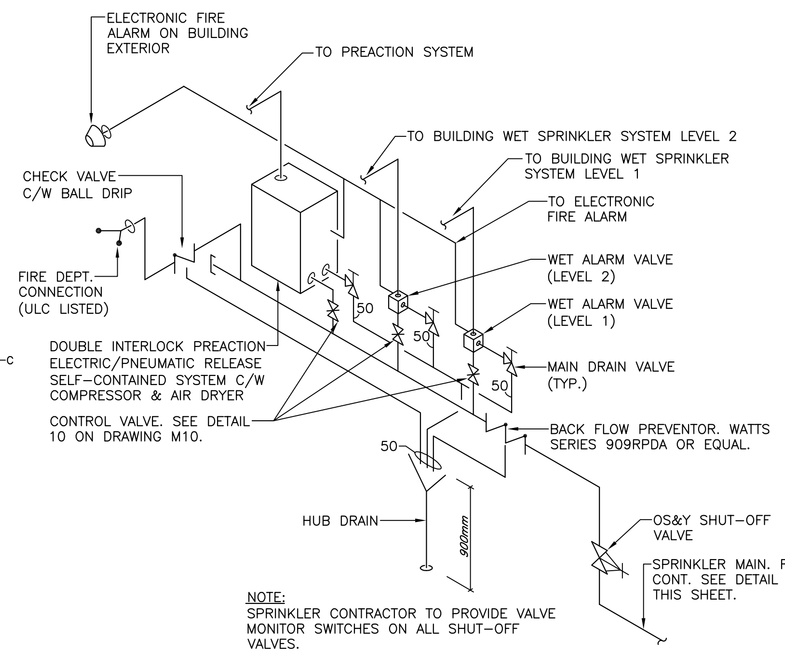
SCALE : N.T.S.



ELEVATION VIEW

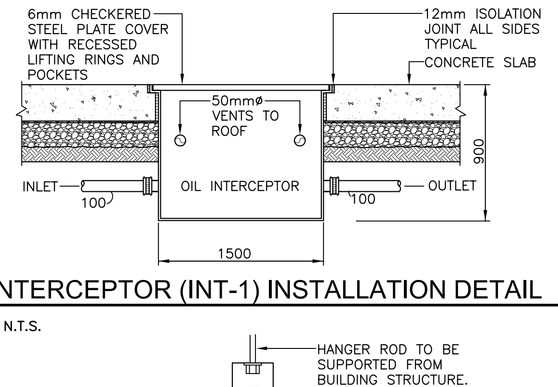
JANITOR SERVICE SINK (JS-1) HOOK-UP — 9 / M6

SCALE : N.T.S.



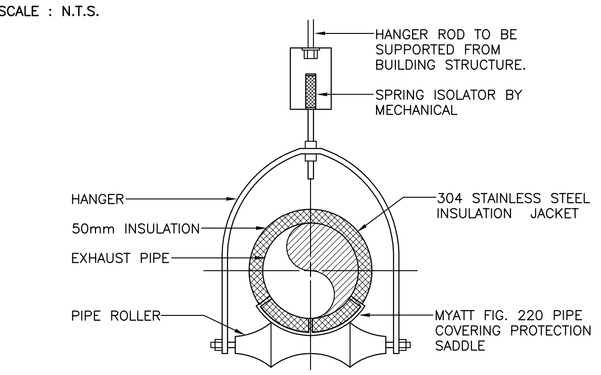
SPRINKLER ENTRANCE PIPING DETAIL (MCTS ONLY) — 5 / M1

SCALE : N.T.S.



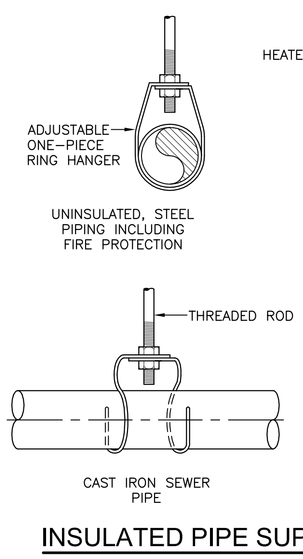
OIL INTERCEPTOR (INT-1) INSTALLATION DETAIL — 6 / M5

SCALE : N.T.S.



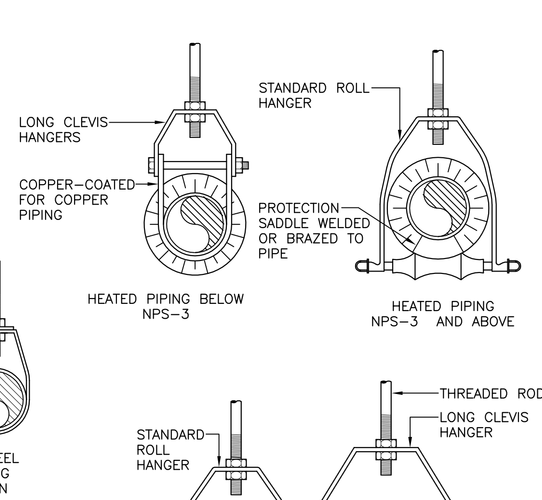
DIESEL GENERATOR EXHAUST PIPE HANGER DETAIL — 7 / M6

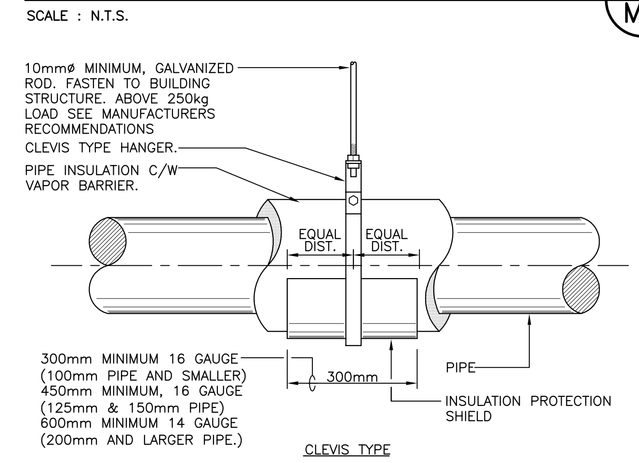
SCALE : N.T.S.



INSULATED PIPE SUPPORT HANGER TYPES — 8 / M6

SCALE : N.T.S.

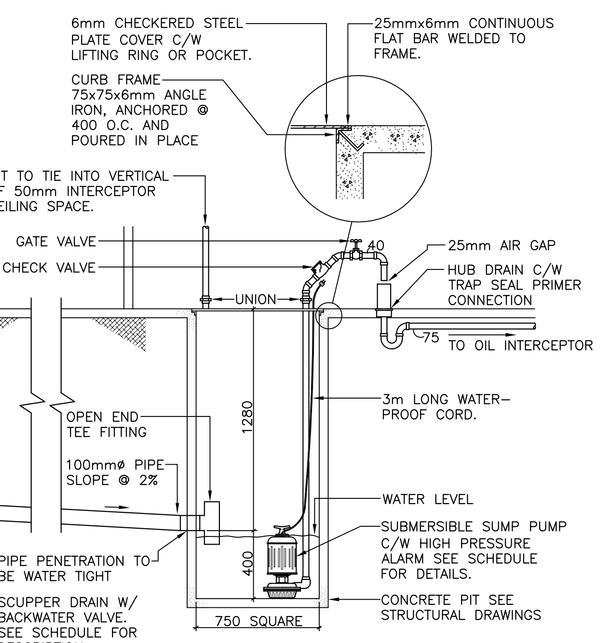




CLEVIS TYPE

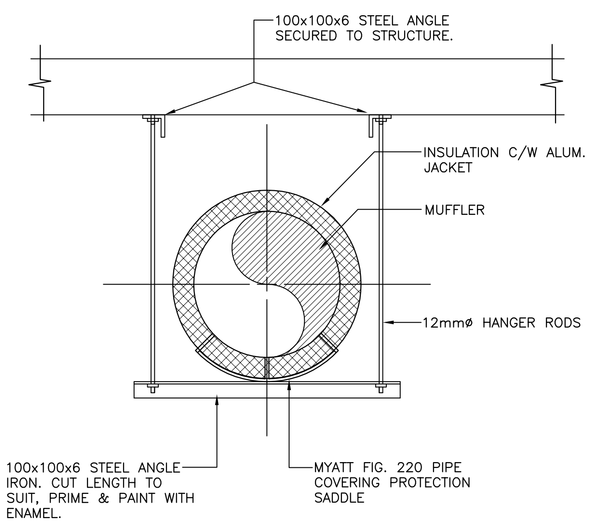
PIPE HANGER C/W INSULATION & VAPOR BARRIER JACKET — 10 / M6

SCALE : N.T.S.



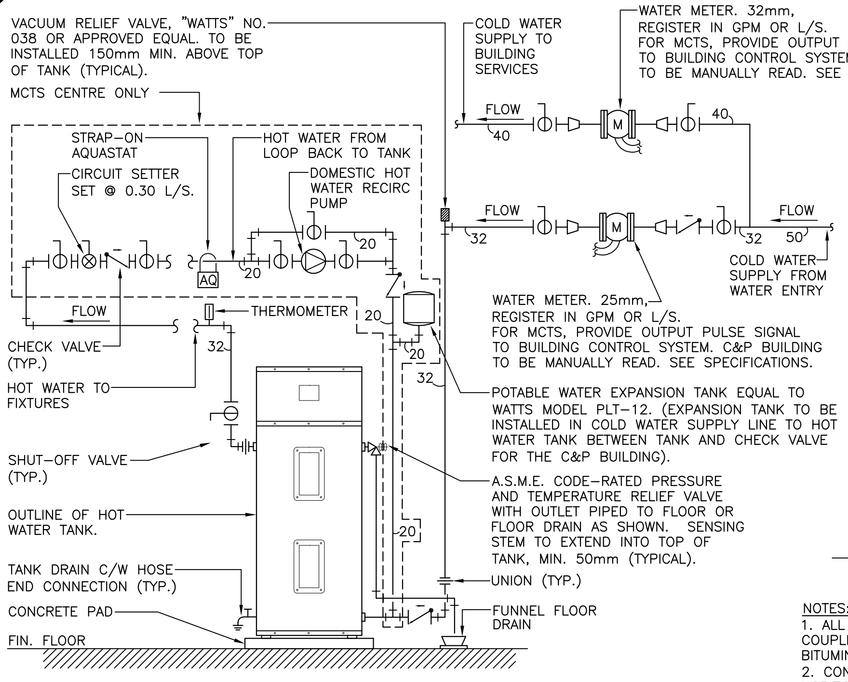
ELEVATOR PIT DRAINAGE DETAIL — 11 / M6

SCALE : N.T.S.



DIESEL GENERATOR MUFFLER SUPPORT — 12 / M3

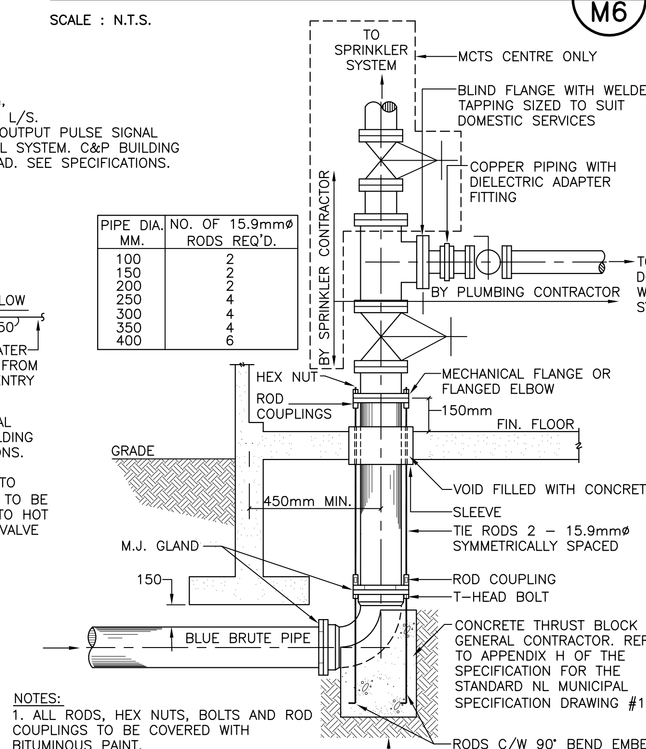
SCALE : N.T.S.



DETAIL - DOMESTIC HOT WATER TANK (HT-1) — 13 / M2

SCALE : N.T.S.

PIPE DIA. MM.	NO. OF 15.9mmø RODS REQ'D.
100	2
150	2
200	2
250	4
300	4
350	4
400	6



NOTES:
1. ALL RODS, HEX NUTS, BOLTS AND ROD COUPLINGS TO BE COVERED WITH BITUMINOUS PAINT.
2. CONCRETE THRUST BLOCK TO HAVE A MINIMUM HORIZONTAL BEARING AREA OF 0.36m².
3. CONCRETE THRUST BLOCK TO HAVE A MINIMUM VOLUME OF 0.54m³.
4. CONCRETE TO BE 25MPa.

U/G CONNECTION TO WATER SERVICE — 14 / M6

SCALE : N.T.S.

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

amec foster wheeler

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEGNL PERMIT HOLDER
This Permit Allows
JUL.11.2017
Amec Foster Wheeler Americas Limited
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEG 00018
which is valid for the year 2017 .

PEGNL DOUGLAS E. WATERS SIGNATURE 11/07/17 DATE

NOTES:

1. CONTRACTOR TO VERIFY ALL SITE CONDITIONS, LOCATIONS AND DIMENSIONS PRIOR TO COMMENCING WORK. TRACE OUT ALL SYSTEMS BEFORE INITIATING WORK. COORDINATE SYSTEM SHUT DOWNS & SERVICE INTERRUPTIONS WITH OWNER.
2. PROVIDE ALL MATERIALS & LABOUR REQUIRED TO INSTALL ALL REQUIRED COMPONENTS IN ACCORDANCE WITH APPLICABLE CODES, REGULATIONS & DRAWINGS THAT FORM PART OF THIS CONTRACT.
3. DO NOT SCALE FROM DRAWINGS.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

revisions		date
D	ISSUED FOR TENDER	JUL 11 2017
C	ISSUED FOR TENDER	JUN 28 2017
B	ISSUED FOR 99% REVIEW	MAY 25 2017
A	ISSUED FOR CLIENT REVIEW	APR 28 2017

project / projet

MCTS CENTRE AND C&P BUILDING

PLACENTIA

drawing / dessin

MECHANICAL INSTALLATION DETAILS

designed D.W — date JULY 11, 2017 — concu
drawn TAB — date JULY 11, 2017 — dessiné
approved — date JULY 11, 2017 — approuvé
Tender — Soumission
E.F. MACGILLIVRAY JONES 30/7/17
PWGSC Project Manager — Administrateur de projets TPSGC

project number / no. du projet: R.081781.004

drawing no. / no. du dessin: M6

PWGSC B1 (2004)

E–DRM/GDD–E: 550998

01N0501G001M6