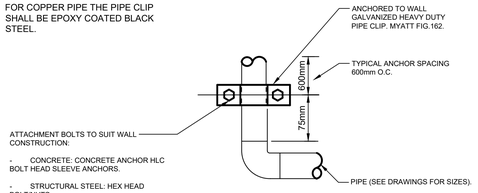
NOTES:

1. SIZE RANGE: NPS 3/4 TO NPS 12.
2. FOR STEEL PIPE THE PIPE CLIP SHALL BE CARBON STEEL GALVANIZED.
3. FOR COPPER PIPE THE PIPE CLIP SHALL BE EPOXY COATED BLACK STEEL.

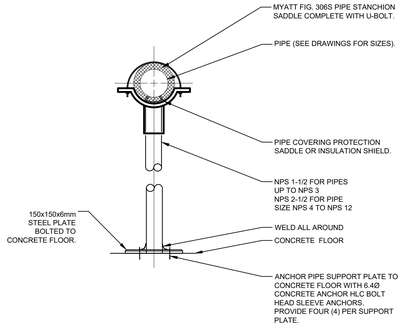


PIPE SUPPORT - HEAVY DUTY PIPE CLIP
N.T.S.

01 M3

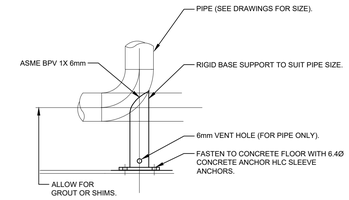
NOTES:

1. STANCHION SADDLE SUPPORT PIPES TO BE SCH 40 BLACK IRON. PROVIDE LENGTH OF PIPE AS REQUIRED TO SUIT APPLICATION.
2. WHERE APPLICABLE THE STEEL PLATE MAY BE BOLTED OR WELDED TO STRUCTURAL STEEL MEMBERS.
3. WHEN USED FOR EXTERIOR PIPE SUPPORT THE ASSEMBLY SHALL BE HOT DIPPED GALVANIZED.



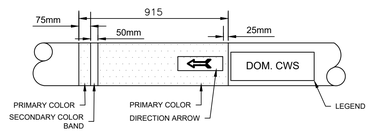
PIPE SUPPORT - PIPE STANCHION ASSEMBLY
N.T.S.

02 M3

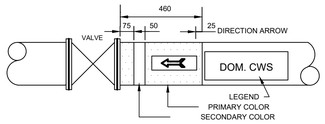


PIPE SUPPORT - RIGID BASE SUPPORT
N.T.S.

03 M3



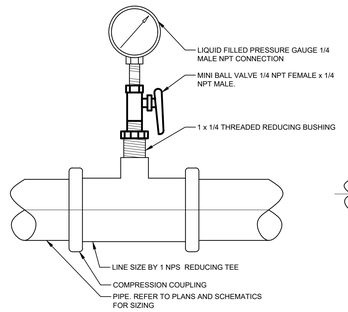
PIPING IDENTIFICATION ARRANGEMENT FOR STRAIGHT RUNS



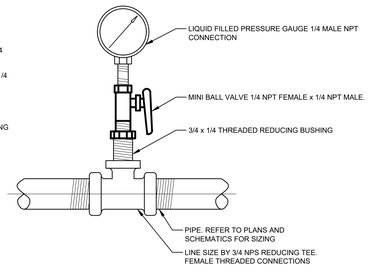
PIPING IDENTIFICATION ARRANGEMENT AT VALVES & FITTINGS

PIPE IDENTIFICATION DETAIL
N.T.S.

04 M3



FOR PIPE SIZE NPS 2-1/2 TO 6



FOR PIPE SIZE NPS 1/2 TO 2

PRESSURE GAUGE MOUNTING FOR STEEL PIPE DETAIL
N.T.S.

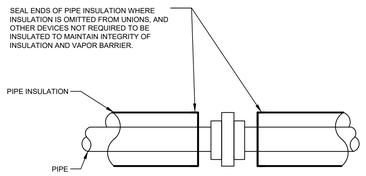
05 M3

TYPICAL PIPE INSULATION AROUND VALVES, UNIONS, ETC.
N.T.S.

06 M3

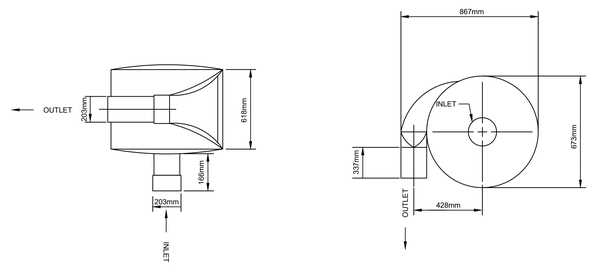
NOTES:

1. APPLICABLE TO BOTH CONCEALED AND EXPOSED INSULATED PIPING.



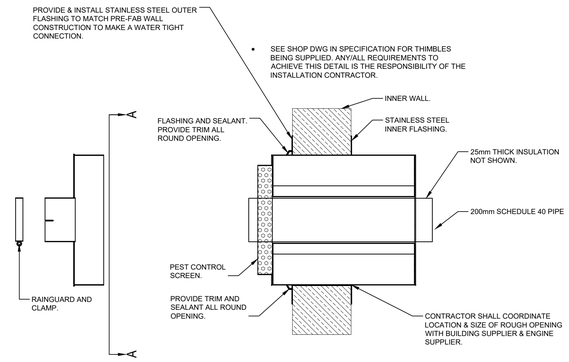
PIPE INSULATION END TERMINATION DETAIL
N.T.S.

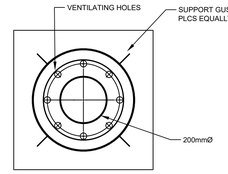
07 M3



SILENCER DETAIL
N.T.S.

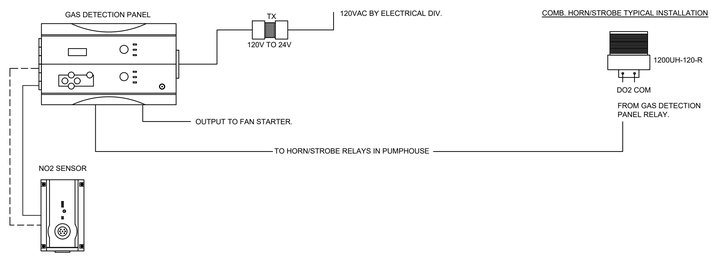
08 M3





EXHAUST THIMBLE DETAIL
N.T.S.

09 M3



NOTES:

1. EXHAUST FAN TO ENERGIZE ON LOW LEVEL GAS DETECTION.
2. INTAKE LOUVERS TO OPEN WHEN EXHAUST FANS ARE ENERGIZED
3. COMB. HORN/STROBE ALARM TO ACTIVATE ON HIGH LEVEL GAS DETECTION. FOR LOCATION SEE DRAWING.
4. GAS DETECTION PANEL LOCATED AS PER DRAWINGS.
5. NO2 SENSORS TO BE MOUNTED 1.0m BELOW FINISHED CEILING, CO SENSORS TO BE MOUNTED 1.0m ABOVE FINISHED FLOOR.

1-18/2 SHIELDED COMM CABLE

1-18/2 LVT POWER CABLE

GAS DETECTION DETAIL
N.T.S.

10 M3

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

SNC·LAVALIN

PROVINCE OF NEWFOUNDLAND AND LABRADOR
pegnl
ENGINEERING
PERMIT N0458
SNC - LAVALIN INC.
Signature or Member Number (Member-in-Responsible Charge)

REGISTERED PROFESSIONAL ENGINEER
PEGNL
D.R.M. MORRIS
SIGNATURE
Apr. 1, 2022
DATE
PROVINCE OF NEWFOUNDLAND & LABRADOR

C02	REVISED FOR TENDER	04/01 2022
C01	ISSUED FOR TENDER	03/04 2022
revisions		date

project / projet

ST. ANTHONY AIRPORT FIRE PUMP REPLACEMENT

NEWFOUNDLAND—LABRADOUR

drawing / dessin

MECHANICAL DETAILS

designed	M. MORRIS	conçu
date	2022.03.04	
drawn	B. DAWSON	dessiné
date	2022.03.04	
approved	S. LUNDRIGAN	approuvé
date	2022.03.04	
Tender		Soumission
PWGSC Project Manager		Administrateur de projets TPSGC

project number / no. du projet

R.104845.001

drawing no. / no. du dessin

M3

678885-0001-D-45-DWG-000-0003-01

PWGSC B1 (2004)

0 10 20mm 40 60 80 100 120 140 160 180 200mm

E-DRM/GDD-E: 553319