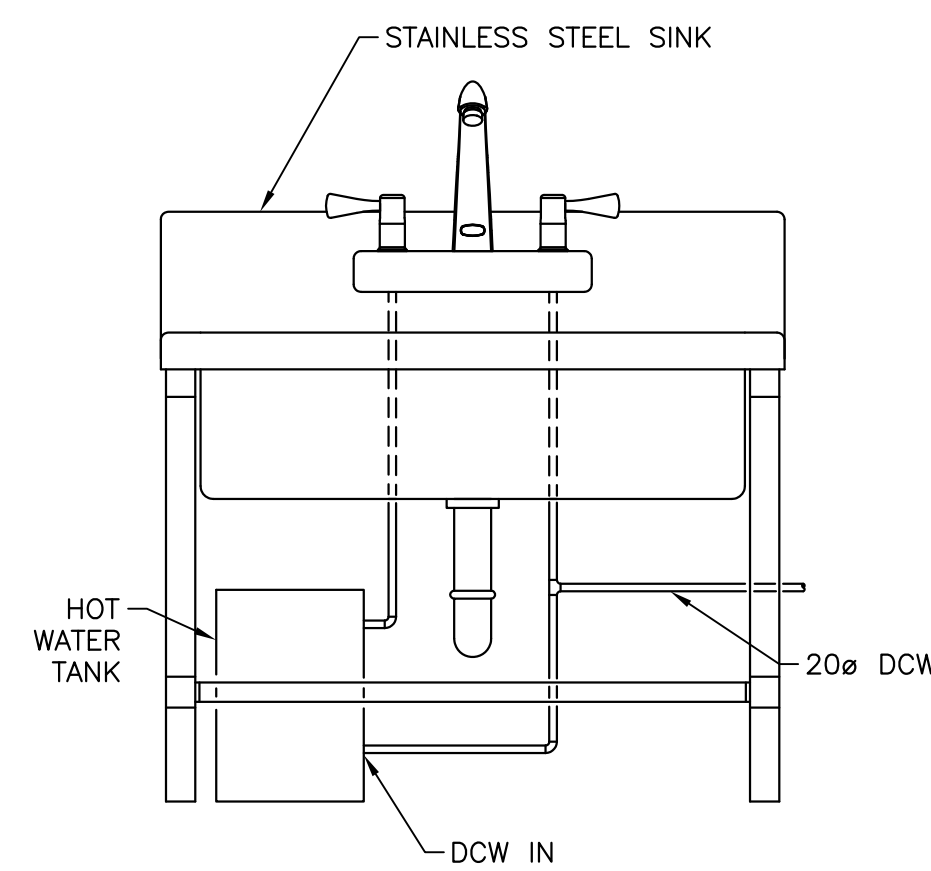
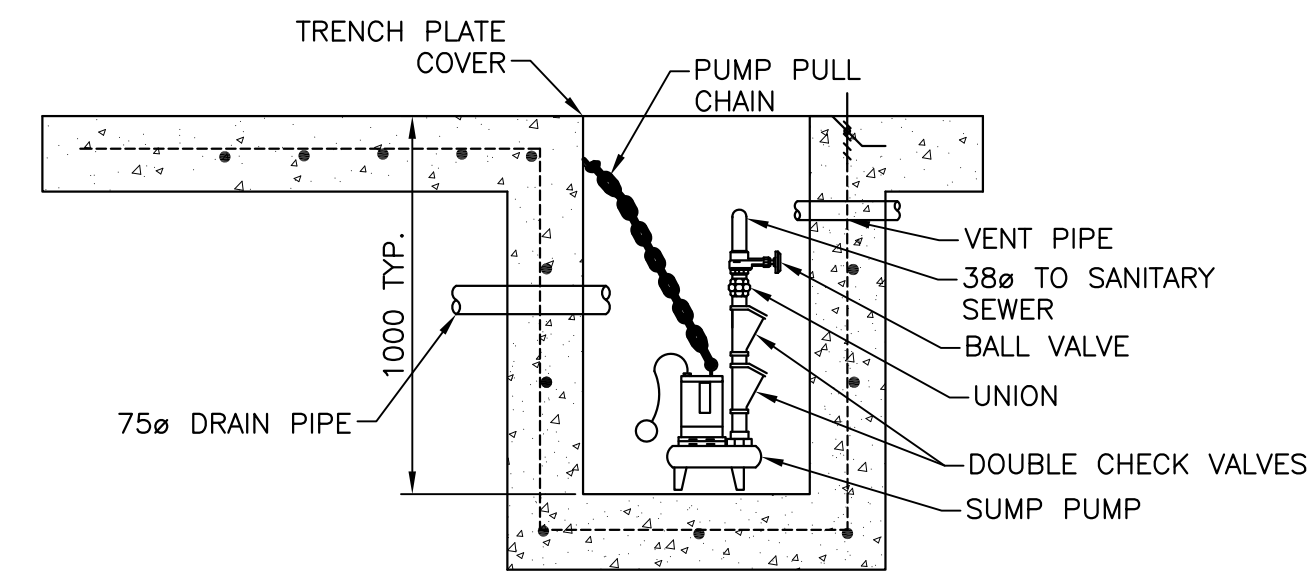


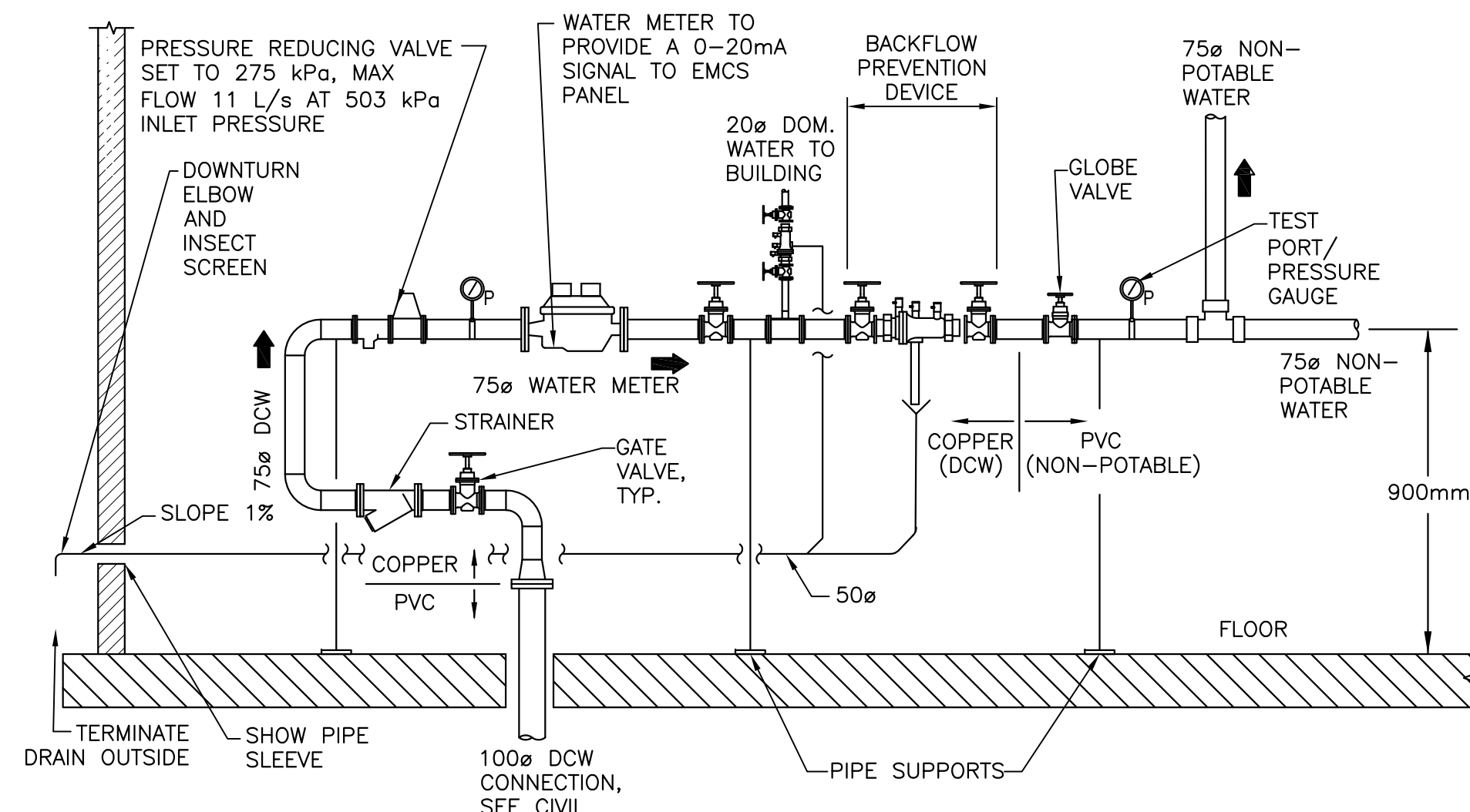
RECTANGULAR VERTICAL FIRE DAMPER 1 M02
SCALE : N.T.S.



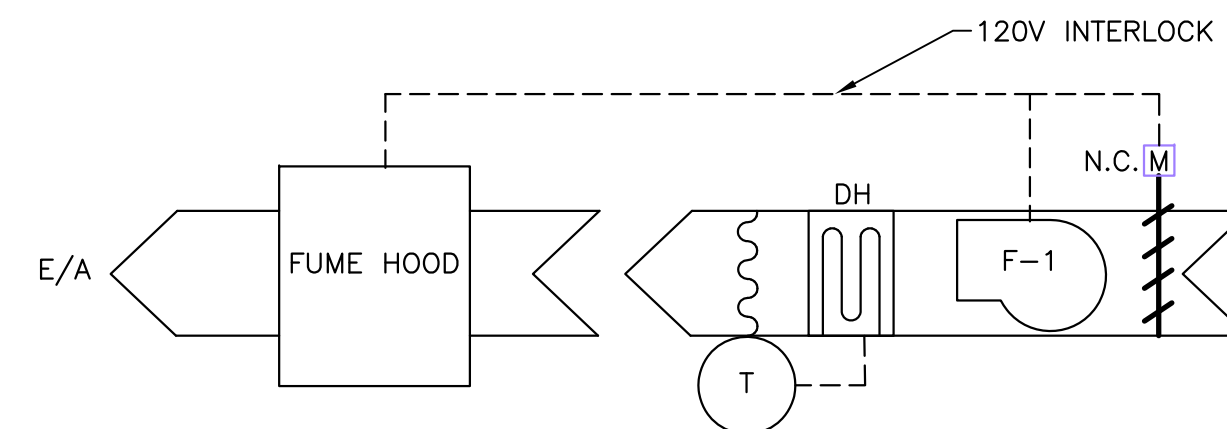
SS SINK AND HOT WATER HEATER DETAIL 4 M02
SCALE : N.T.S.



SUMP PIT DETAIL 3 M02
SCALE : N.T.S.



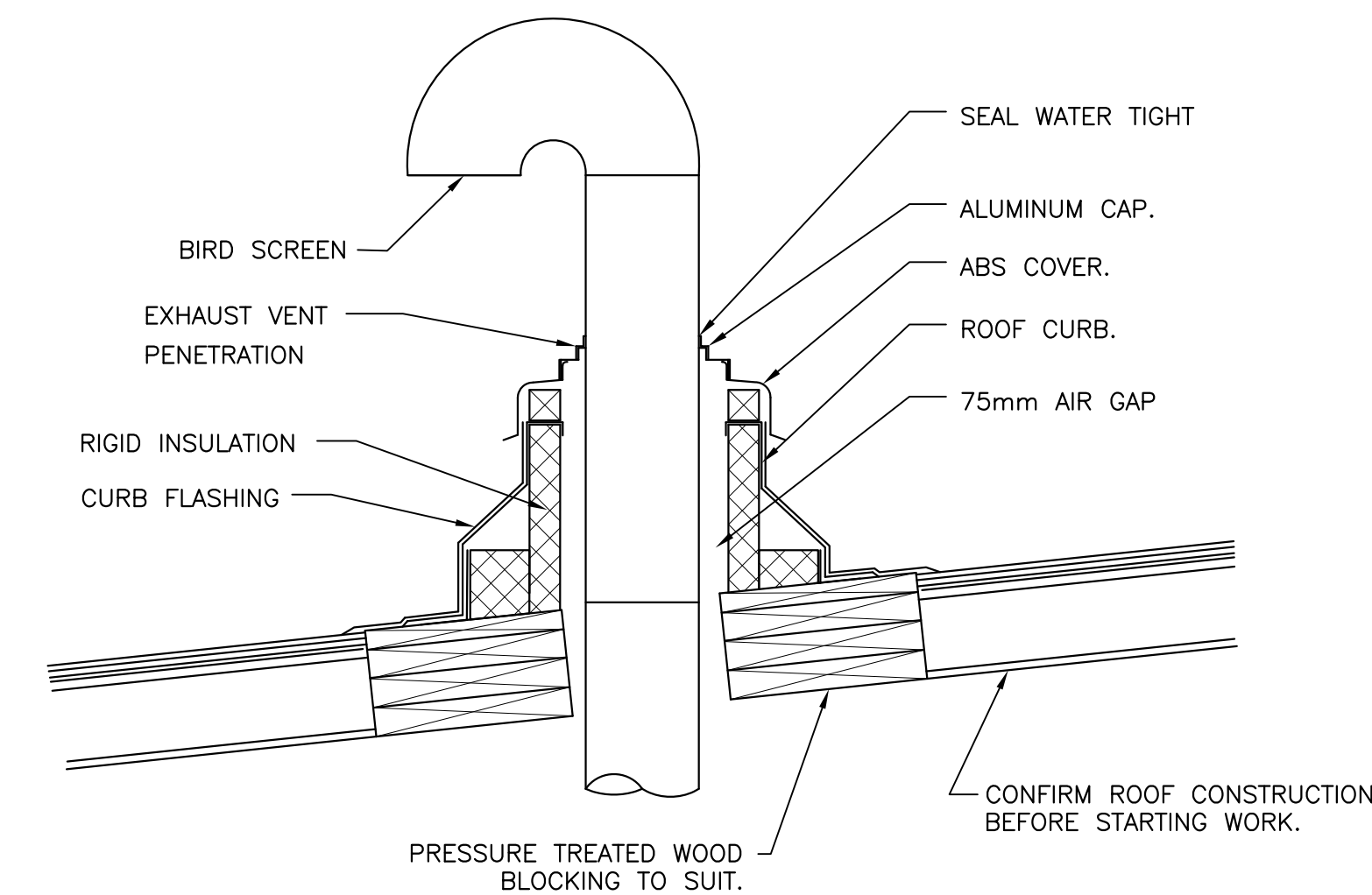
DOMESTIC WATER ENTRANCE DETAIL 4 M02
SCALE : N.T.S.



SEQUENCE OF OPERATION

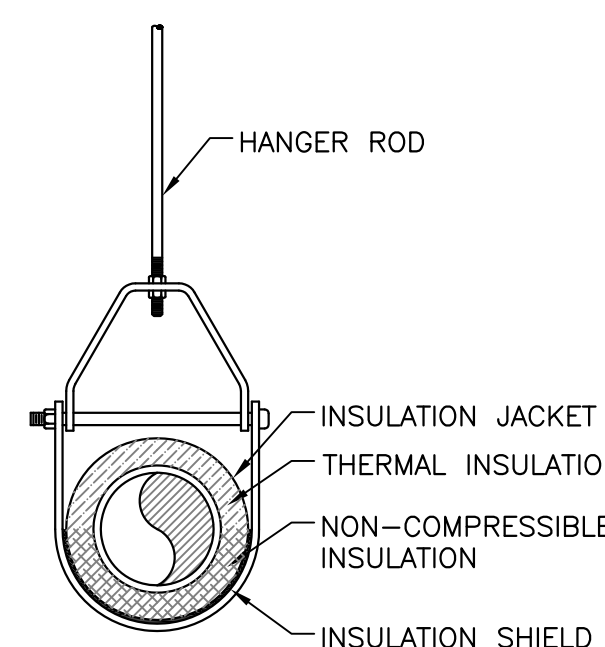
WHEN THE FUME HOOD EXHAUST FAN IS ACTIVATED THE SUPPLY FAN F-1 WILL BE ACTIVATED AND MOTORIZED DAMPER WILL OPEN THROUGH AN 120V INTERLOCK. THE DUCT TEMPERATURE PROBE WILL MONITOR AIR TEMPERATURE AND PROVIDE A SIGNAL TO THE DUCT HEATER TO MAINTAIN AN AIR TEMPERATURE OF 18°C.

FUME HOOD MAKE-UP AIR CONTROL SCHEMATIC 5 M02
SCALE : N.T.S.

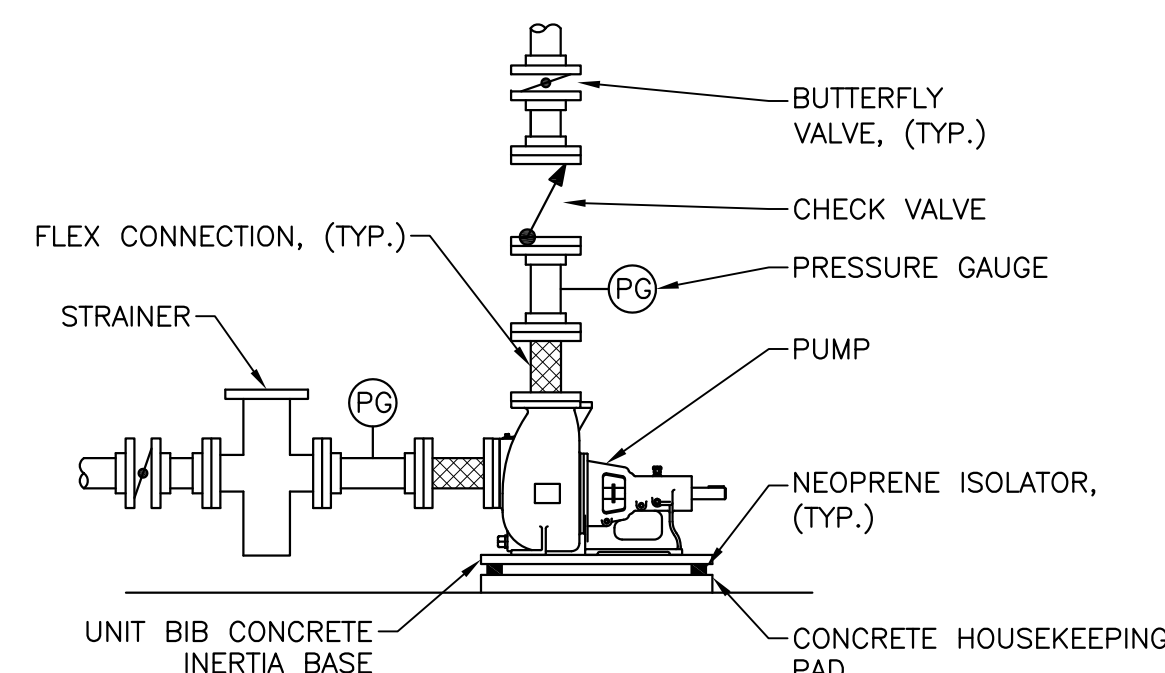


- NOTE:
- CUTTING OF ROOF ASSEMBLY TO ENABLE INSTALLATION OF PIPE CURBS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
 - FLASHING OF PIPE CURBS TO ROOF SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
 - EXHAUST VENT CURBS ARE TO BE SUPPLIED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE GENERAL CONTRACTOR.
 - PRESSURE TREATED WOOD SHALL BE SUPPLIED AND INSTALLED BY THE GENERAL CONTRACTOR.

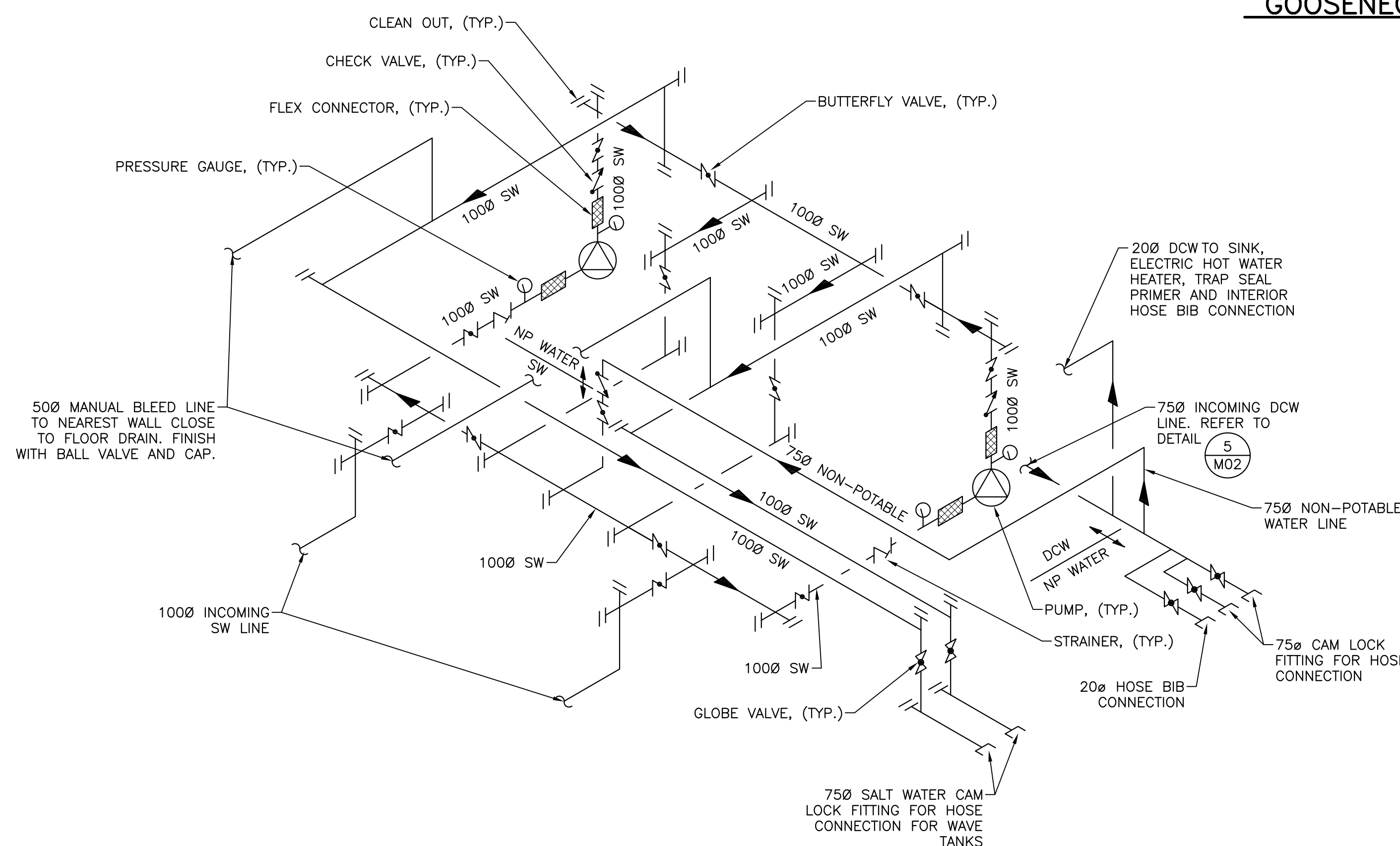
GOOSENECK AND ROOF PENETRATION DETAIL 6 M02
SCALE : N.T.S.



TYPICAL CLEVIS PIPE HANGER DETAIL 7 M02
SCALE : N.T.S.



PUMP DETAIL 8 M02
SCALE : N.T.S.



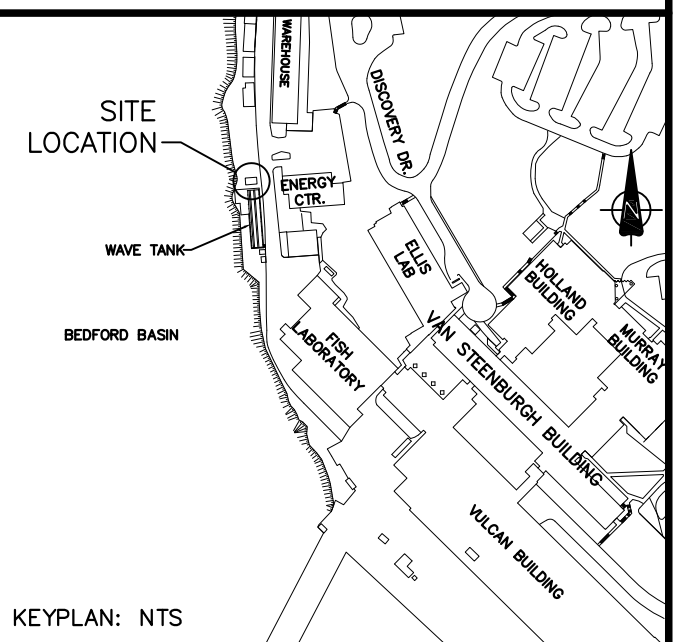
PIPING SCHEMATIC 9 M02
SCALE : N.T.S.



SEQUENCE OF OPERATION

THE EMCS SHALL MONITOR THE SPACE TEMPERATURE SENSORS AND THE WATER METER FLOW RATE.

TEMPERATURE SENSORS AND WATER METER CONTROL SCHEMATIC 10 M02
SCALE : N.T.S.



C01	ISSUED FOR TENDER	12/05/2014
revisions		date
project	BEDFORD INSTITUTE OF TECHNOLOGY WAVE TANK SALT WATER / FRESH WATER SUPPLY	
drawing	MECHANICAL DETAILS & SCHEMATICS	
designed MM	conçu	
drawn MM	dessiné	
approved JM	approuvé	
Tender	Allan McNeill	
PWGSC Project Manager	Administrateur de projets TPSGC	
project number	R.070629.001	
drawing no.	M02	