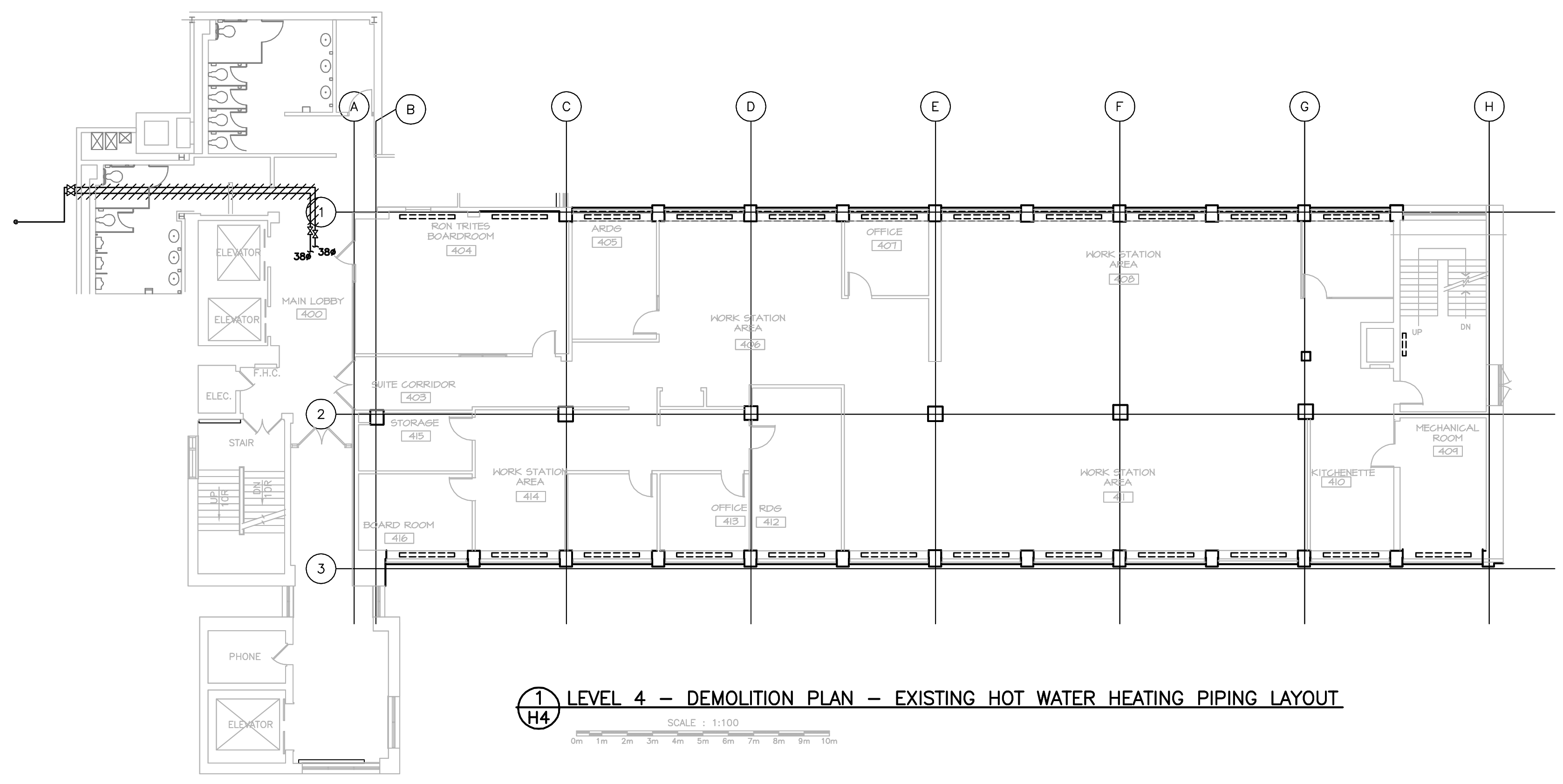




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GENERAL NOTES:

- CONTRACTORS TO FAMILIARIZE THEMSELVES WITH EXISTING SITE CONDITIONS.
- CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO START OF WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
- ALL AREAS DAMAGED DURING CONSTRUCTION TO BE REPAIRED TO MATCH EXISTING.



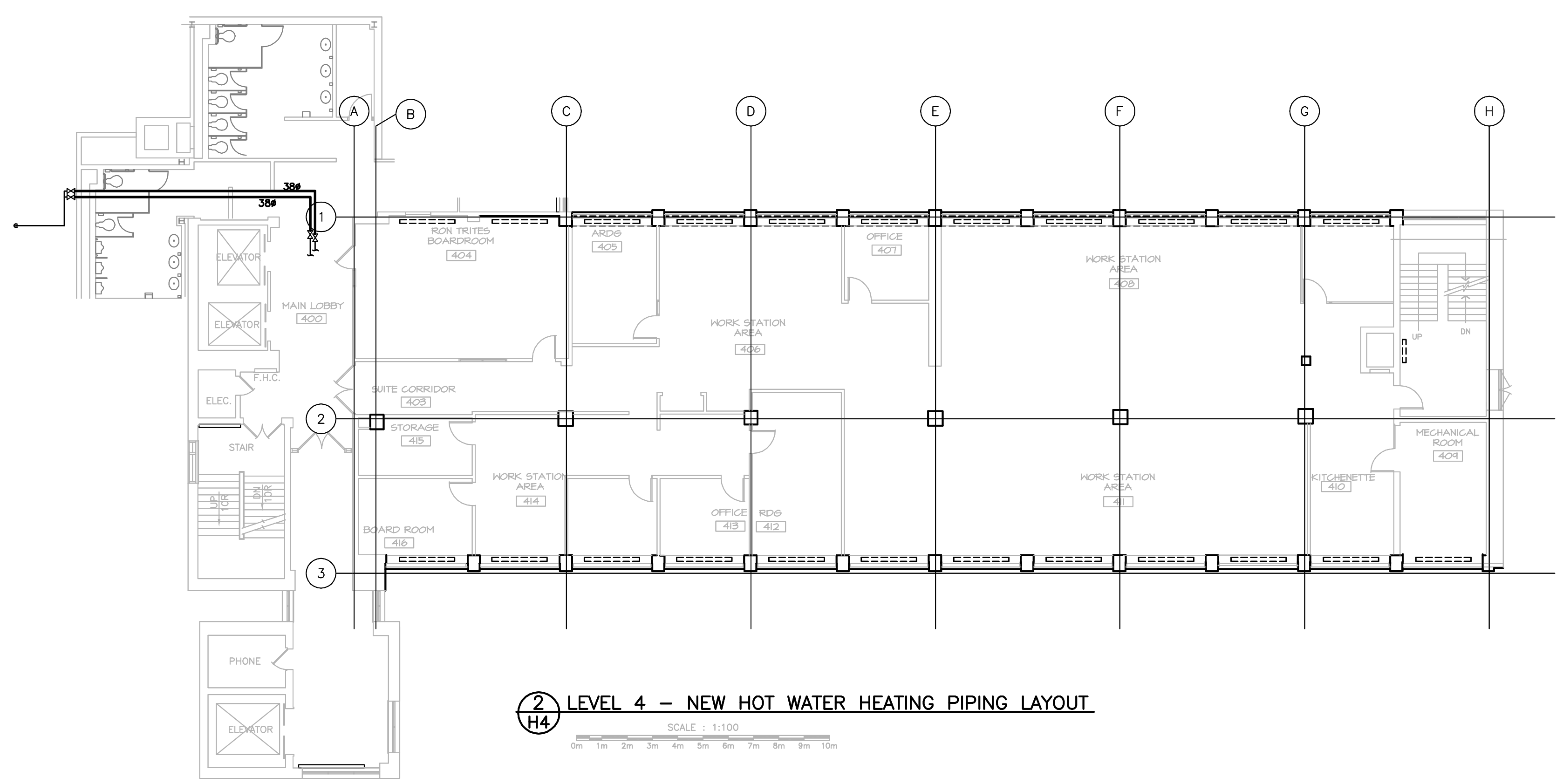
1 LEVEL 4 - DEMOLITION PLAN - EXISTING HOT WATER HEATING PIPING LAYOUT

SCALE : 1:100

- DEMOLITION NOTES**
- VERIFY EXISTING SITE CONDITIONS AND PIPING LAYOUT BEFORE COMMENCING WORK.
  - COORDINATE WORK WITH OTHER SERVICES TO AVOID INTERRUPTION OR CHANGES TO PIPING AND/OR EQUIPMENT IN CEILING SPACE OUTSIDE SCOPE OF WORK.
  - EXISTING SERVICES OUTSIDE SCOPE OF WORK ARE NOT SHOWN FOR CLARITY.
  - REPLACE ALL EXISTING "VICTAULIC PRESS-FIT" PIPING LESS THAN AND EQUAL TO 50 MM DIAMETER.
  - REPLACE ALL EXISTING RADIATOR AND LOCKSHIELD VALVES LOCATED IN RADIATOR CABINETS.
  - TEMPERATURE SENSORS, RADIATOR ELEMENTS AND RADIATORS CABINETS TO REMAIN.
  - REUSE EXISTING COPPER HEATING PIPING, AIR VENTS AND DRAIN VALVES IN EXISTING RADIATOR CABINETS.
  - REPLACE DAMAGED FITTINGS AND PIPELINE ACCESSORIES WITH NEW IF NECESSARY, DUE TO REMOVAL OF THE "VICTAULIC PRESS-FIT" PIPING.
  - DRAIN DOWN THE EXISTING HOT WATER HEATING SYSTEM PRIOR TO PIPING REMOVAL.
  - PIPING SHOW IN THE CORRIDORS/HALLS IS LOCATED ABOVE T-BAR CEILING. PIPING ABOVE WASHROOMS IS ABOVE GNB CEILING.
  - CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING PORTIONS OF EXISTING WORK AFFECTED BY CONSTRUCTION. SEE ALSO MECHANICAL SPECIFICATIONS.

**LEGEND**

SYMBOL	DESCRIPTION
—	HEATING WATER SUPPLY
- - - - -	HEATING WATER RETURN
—	EXISTING HEATING WATER SUPPLY
- - - - -	EXISTING HEATING WATER RETURN
—	PIPE DOWN
—	PIPE UP
—	PIPE BREAK
⊥	EXISTING SHUTOFF VALVE
⊥	NEW SHUTOFF VALVE
⊥	NEW BALANCING VALVE
	PIPE TO BE REMOVED
=====	EXISTING PERIMETER RADIATION



2 LEVEL 4 - NEW HOT WATER HEATING PIPING LAYOUT

SCALE : 1:100

- INSTALLATION NOTES**
- PROVIDE PIPING INSULATION AS PER THE MECHANICAL SPECIFICATIONS.
  - FIRESTOP ALL PIPING PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION.
  - CAULK ALL PIPING PENETRATIONS THROUGH NON FIRE-RATED CONSTRUCTION.
  - IDENTIFY ALL INSULATED PIPING C/W DIRECTIONAL FLOW ARROWS.
  - FLUSH, CLEAN AND PRESSURE TEST NEW PIPING SYSTEM AS PER THE MECHANICAL SPECIFICATIONS.
  - HVAC WATER TREATMENT SPECIALIST SHALL BE ENGAGED BY THE MECHANICAL CONTRACTOR. SEE ALSO THE MECHANICAL SPECIFICATIONS.
  - PROVIDE PROPER PIPING AND VALVE IDENTIFICATION. ABOVE CEILING VALVES TO INDICATED ON THE CEILING. SEE ALSO MECHANICAL SPECIFICATIONS.

revision	date
C	ISSUED FOR TENDER 05/19/2016
B	ISSUED FOR 99% REVIEW 03/30/2016
A	ISSUED FOR 66% REVIEW 03/18/2016

HEATING SYSTEM PIPING REPLACEMENT  
POLARIS BUILDING  
B.I.O  
DARTMOUTH, NS

LEVEL FOUR  
HEATING LAYOUT

designed M.R.	comp
date MAY 2016	
drawn M.R.	desain
date MAY 2016	
approved M.R.	approve
date MAY 2016	

Tender	Submission
PWSSC Project Manager / Administrateur de projets TPSSC	
project number / no. du projet	
R.080324.001	
drawing no. / no. du dessin	
H4	