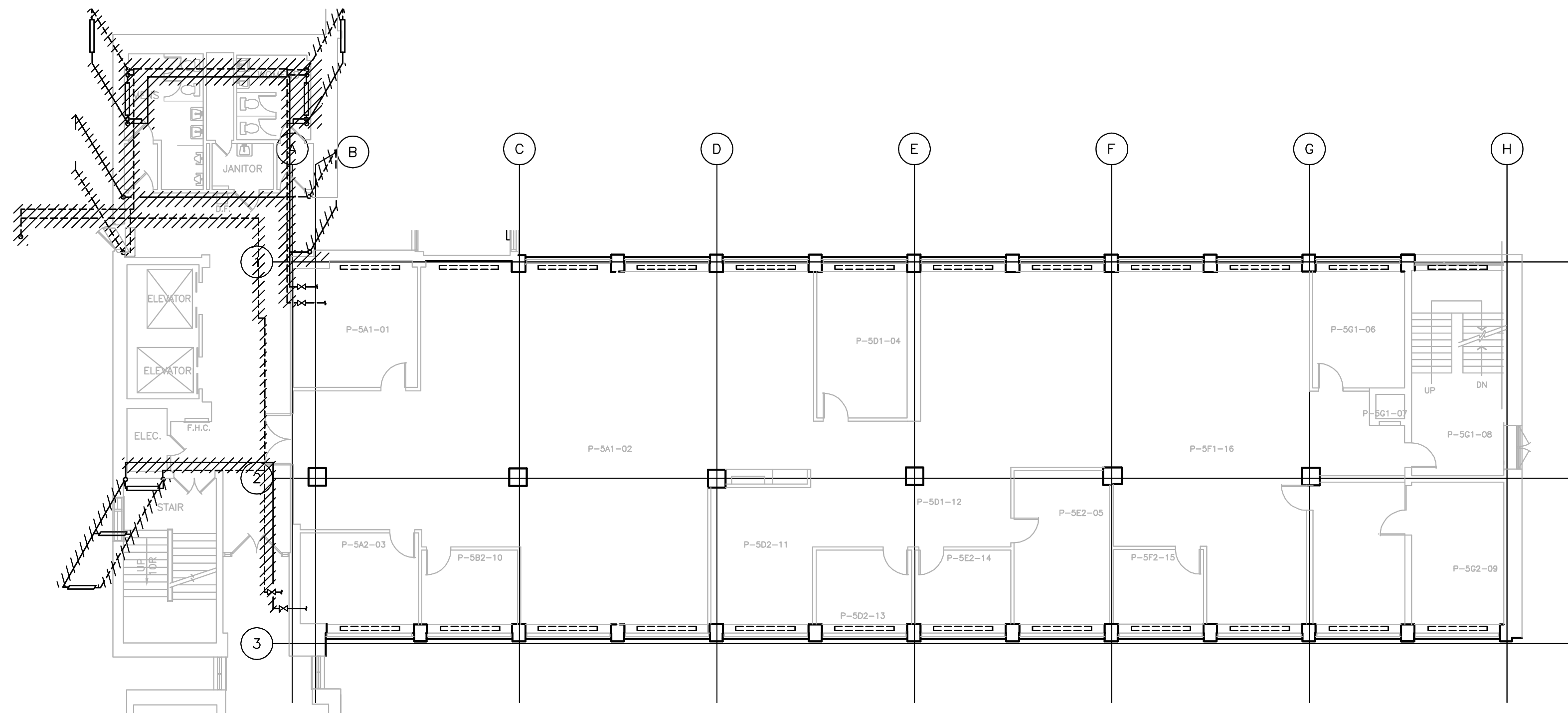


- GENERAL NOTES:**
- CONTRACTORS TO FAMILIARIZE THEMSELVES WITH EXISTING SITE CONDITIONS.
 - CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO START OF WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
 - ALL AREAS DAMAGED DURING CONSTRUCTION TO BE REPAIRED TO MATCH EXISTING.



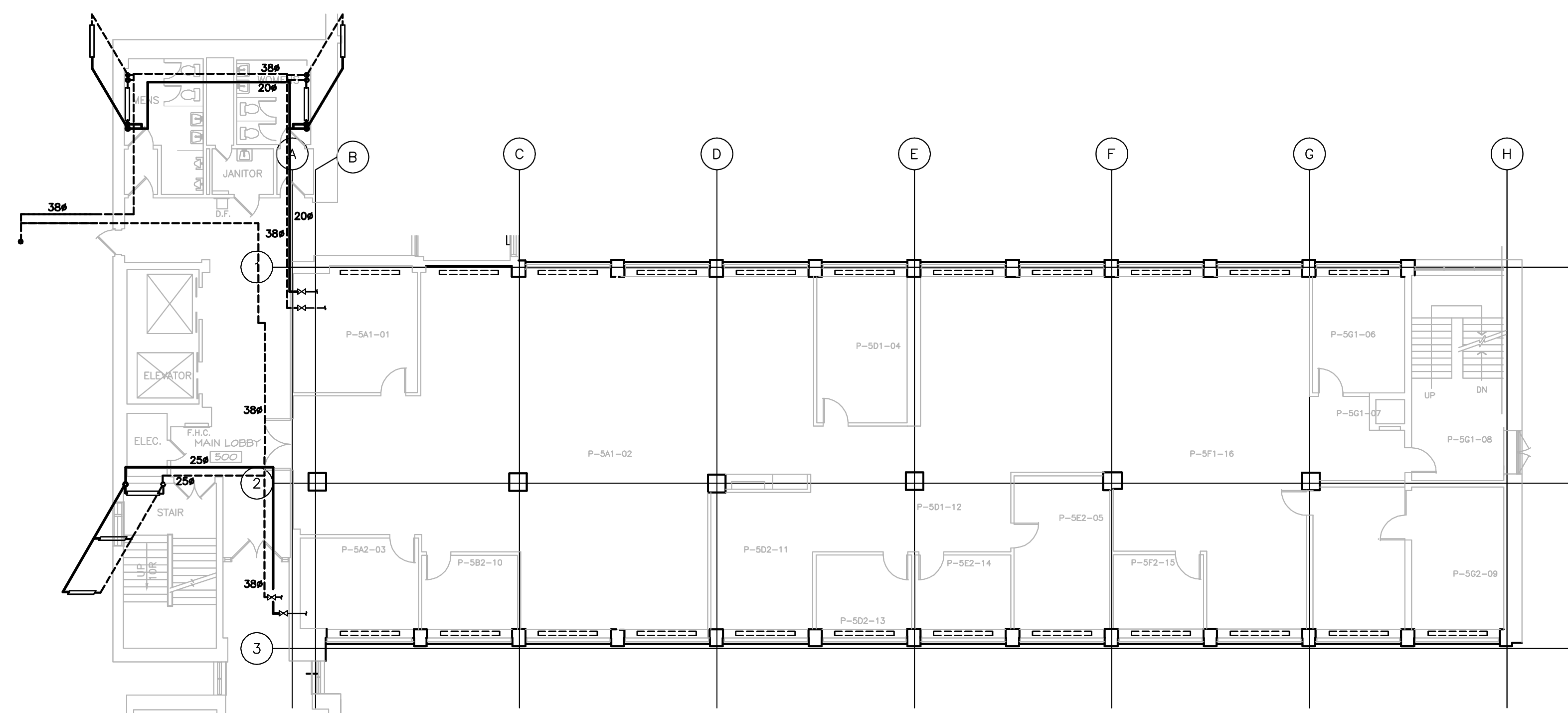
1 LEVEL 5 - DEMOLITION PLAN - EXISTING HOT WATER HEATING PIPING LAYOUT
SCALE: 1:1100

- 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 RADIATOR 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 SHOWN IN THE CORRIDORS/HALLS IS LOCATED ABOVE T-BAR CEILING. PIPING ABOVE WASHROOMS IS ABOVE GIBB 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

- 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.



2 LEVEL 5 - NEW HOT WATER HEATING PIPING LAYOUT
SCALE: 1:1100

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

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

drawing: LEVEL FIVE
HEATING LAYOUT

designed M.R.	compd
date MAY 2016	
drawn M.R.	desaid
date MAY 2016	
approved M.R.	approv4
date MAY 2016	
Tender	Submission

PWSGC Project Manager / Administrateur de projets TPSSC
project number / no. du projet: R.080324.001
drawing no. / no. du dessin: H5