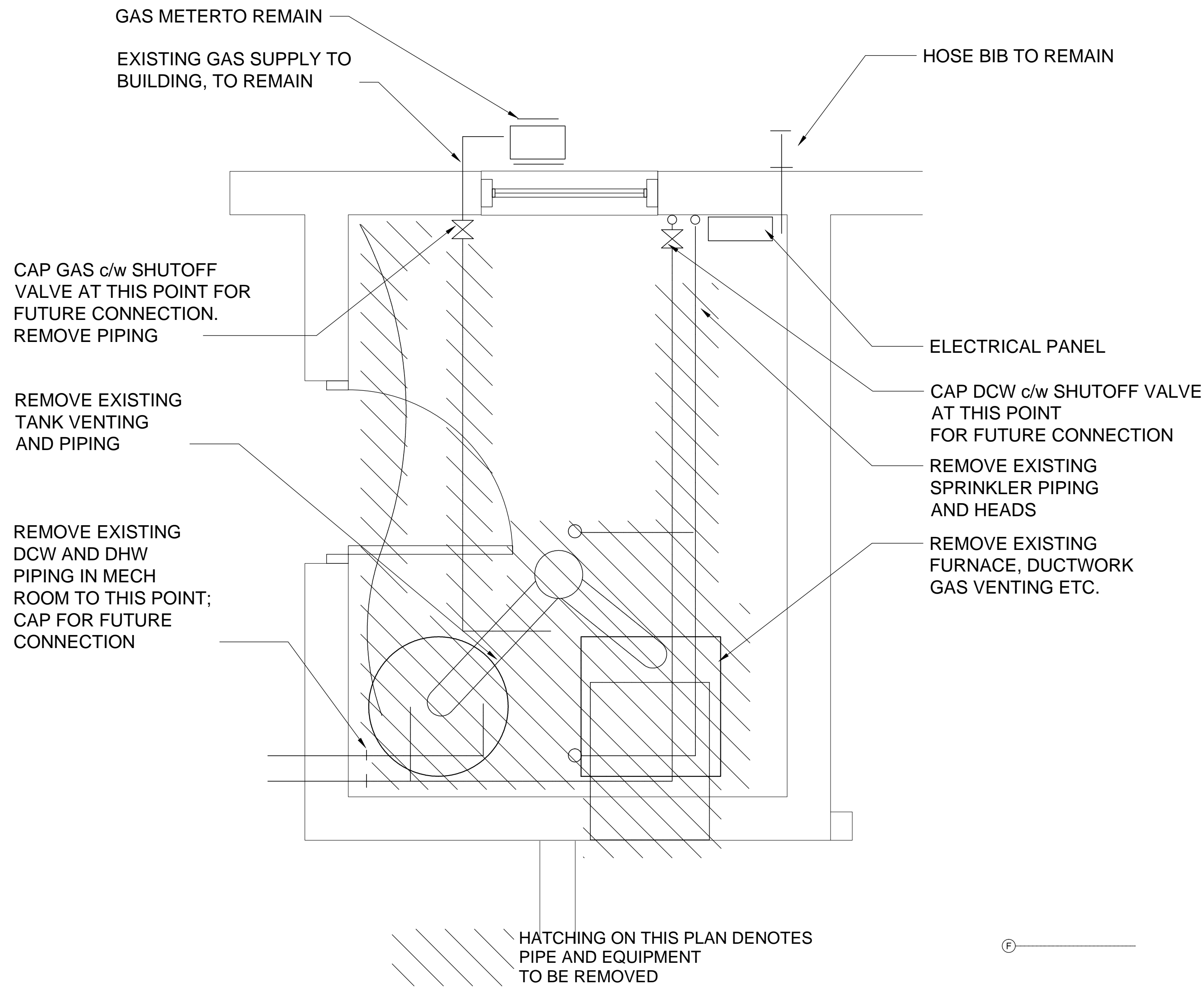


SYMBOLS LEGEND

O/A	OUTDOOR AIR
E/A	EXHAUST AIR
R/A	RETURN AIR
S/A	SUPPLY AIR
A.F.F.	ABOVE FINISH FLOOR
—	DOM. COLD WATER
—	DOM HOT WATER
— G —	GAS
— —	ISOLATING (BALL) VALVE
— —	SUPPLY DUCT
— —	SUPPLY DUCT
— —	RET/EXH DUCT
— —	REFRIG
— —	SUPPLY AND RETURN
FD	FIRE DAMPER
M	MOTORIZED DAMPER
BBD	BACK DRAFT DAMPER
T	THERMOSTAT
C	TIMER CONTROLLER
SR	SUPPLY REGISTER
RG	RETURN GRILLE
CD	CEILING DIFFUSER
—	TAG
—	NOM SIZE
—	VOLUME L/s (CFM)

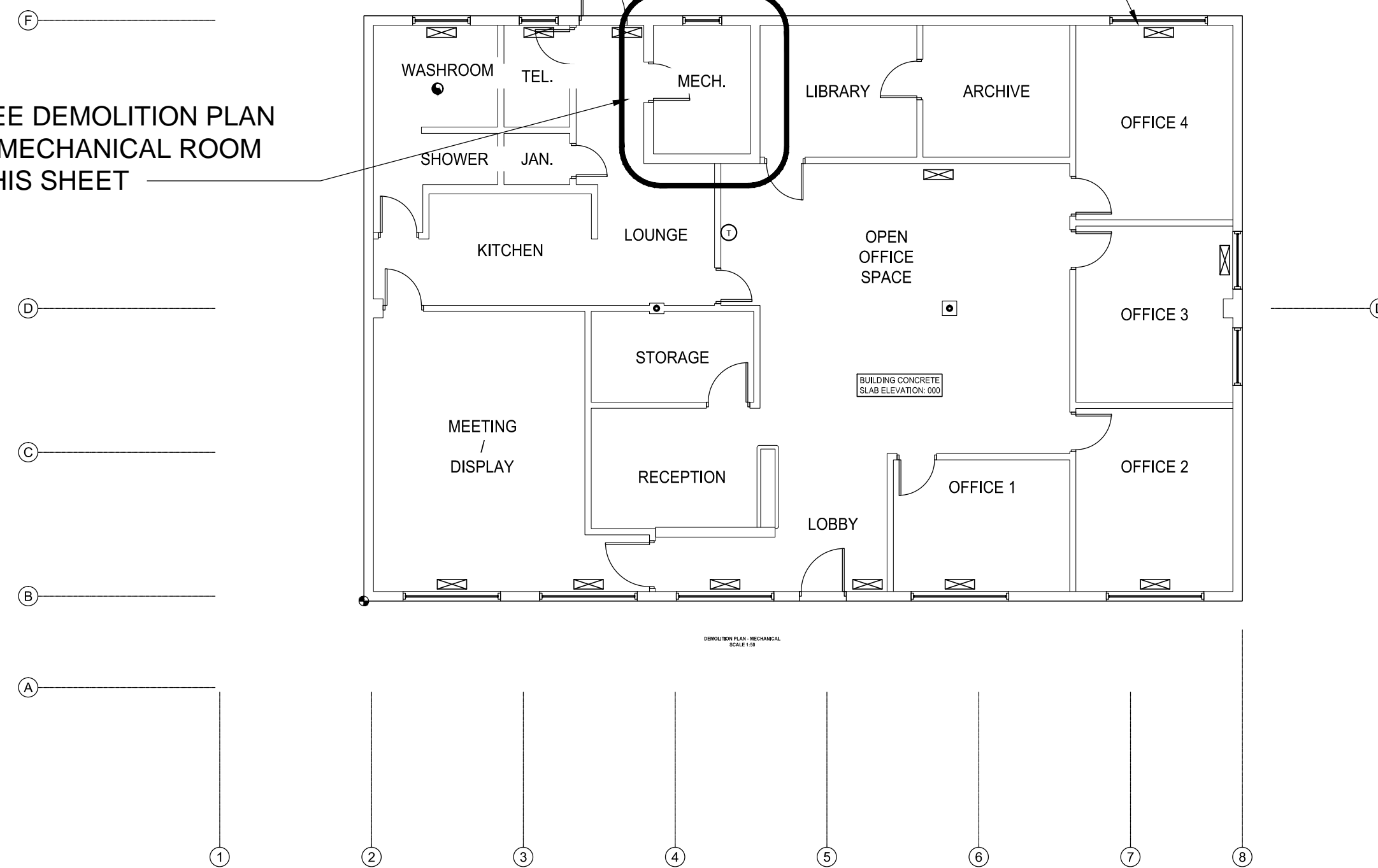


HATCHING ON THIS PLAN DENOTES PIPE AND EQUIPMENT TO BE REMOVED

DEMOLITION PLAN - MECHANICAL ROOM
SCALE 1:15

REMOVE FLOOR SUPPLY AIR GRILLE AND CAP OFF BELOW FINISHED FLOOR LEVEL. REPLACE EXISTING GRILLE; SIMILAR AT ALL EXISTING FLOOR SUPPLY GRILLE LOCATIONS.

SEE DEMOLITION PLAN - MECHANICAL ROOM THIS SHEET



DEMOLITION PLAN

5	ISSUED FOR ADDENDUM 1	JUL. 21, 2017
4	ISSUED FOR TENDER	APR. 10, 2017
3	ISSUED FOR TENDER	MAR. 22, 2017
2	ISSUED FOR 99% REVIEW	NOV. 18, 2016
1	ISSUED FOR REVIEW	AUG. 19, 2016

Revision / Revision	Description / Description	Date / Date
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Client / client
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WESTERN REGION
STEVESTON, B.C. NATIONAL HISTORIC SITE**

Project title / Titre du projet
**GULF OF GEORGIA CANNERY
ADMIN. BUILDING**

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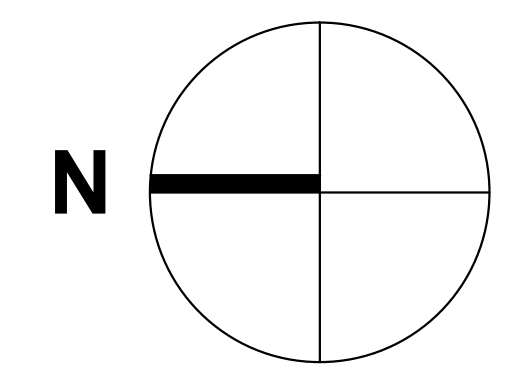
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**DEMOLITION PLAN
MECHANICAL**

Project no. / no. du Projet R.060702.001	Sheet / Feuille M1	Revision no. / La Révision no.
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SYMBOLS LEGEND

- O/A OUTDOOR AIR
 - E/A EXHAUST AIR
 - R/A RETURN AIR
 - S/A SUPPLY AIR
 - A.F.F. ABOVE FINISH FLOOR
 - DOM. COLD WATER
 - DOM HOT WATER
 - G GAS
 - ISOLATING (BALL) VALVE
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- TAG
 NOM SIZE
 VOLUME L/s (CFM)

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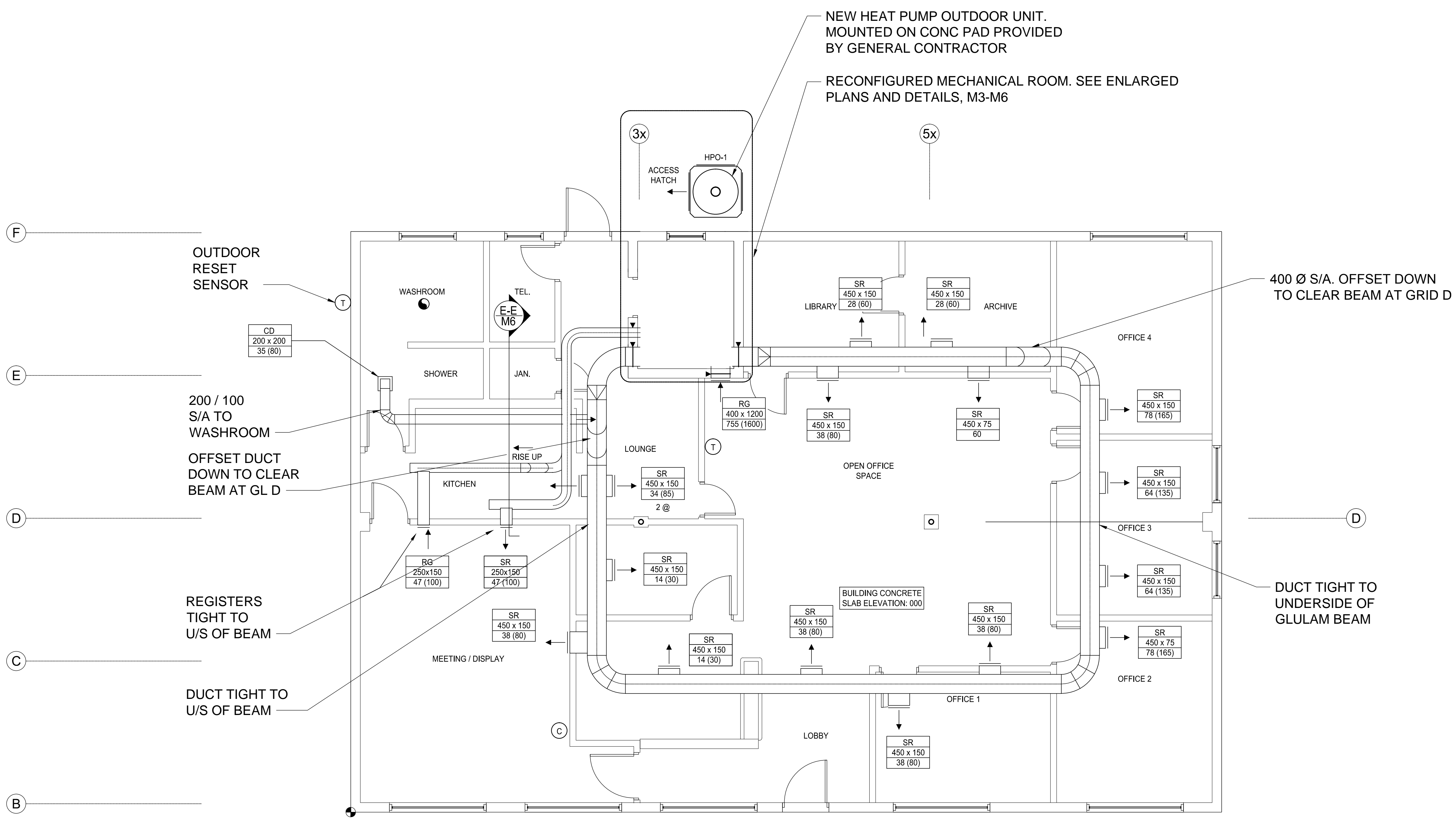
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Drawing title / Titre du dessin
**FLOOR PLAN
MECHANICAL**

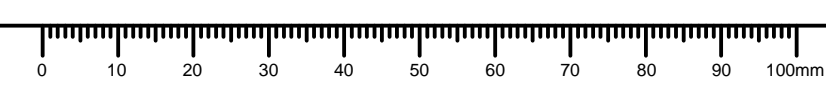
Project no. / no. du Projet R.060702.001	Sheet / Feuille M2	Revision no. / La Révision no.
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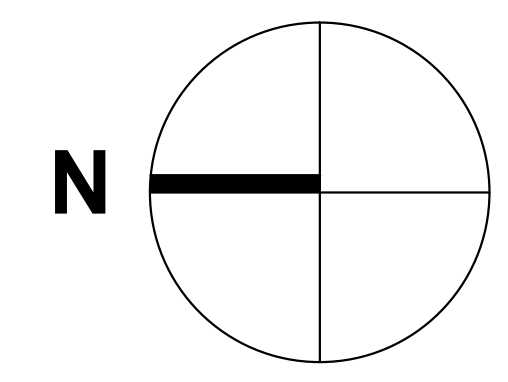


FLOOR PLAN - MECHANICAL
SCALE 1:50

F
E
D
C
B
A

1 2 3 4 5 6 7 8





SYMBOLS LEGEND

O/A	OUTDOOR AIR
E/A	EXHAUST AIR
R/A	RETURN AIR
S/A	SUPPLY AIR
A.F.F.	ABOVE FINISH FLOOR
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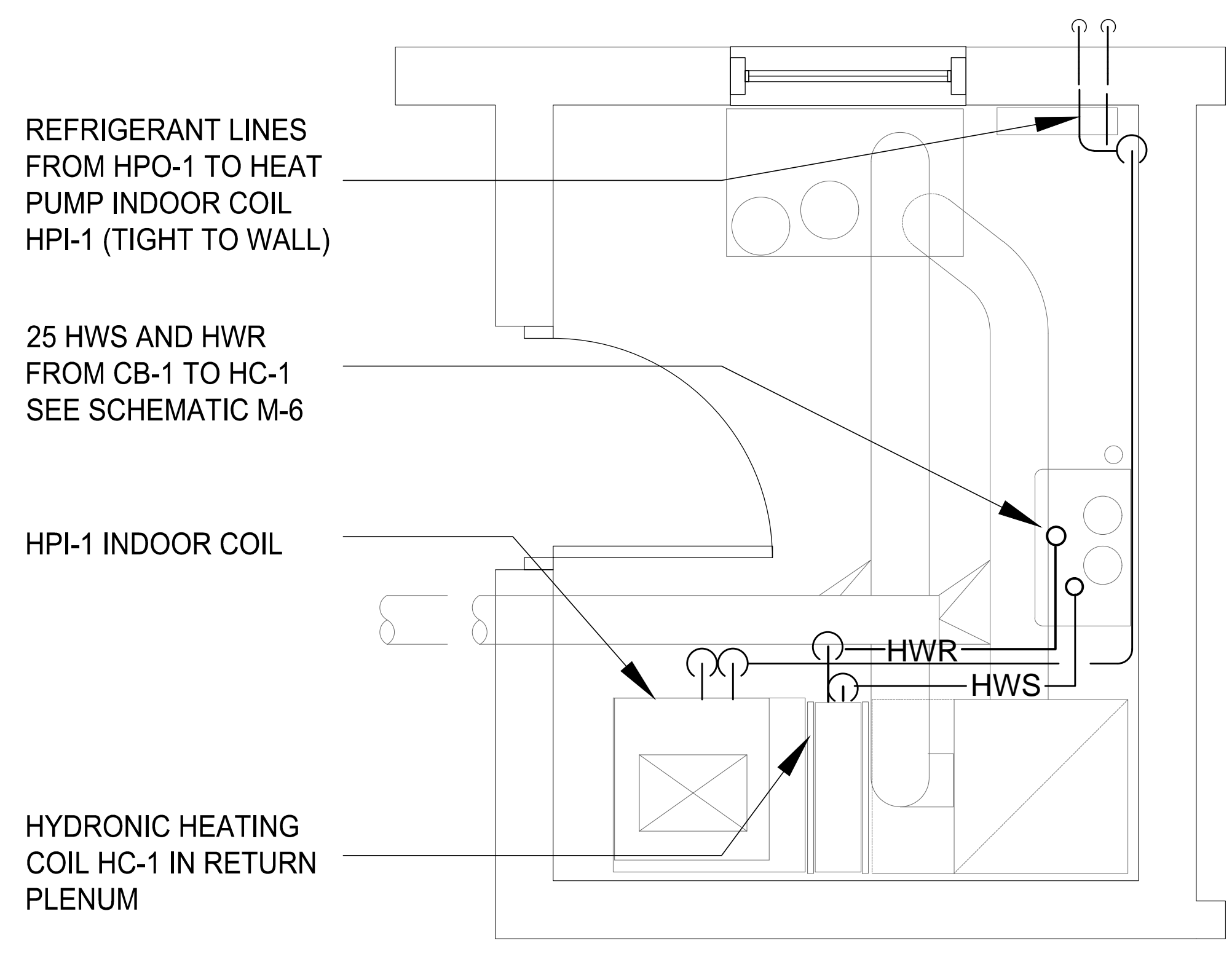
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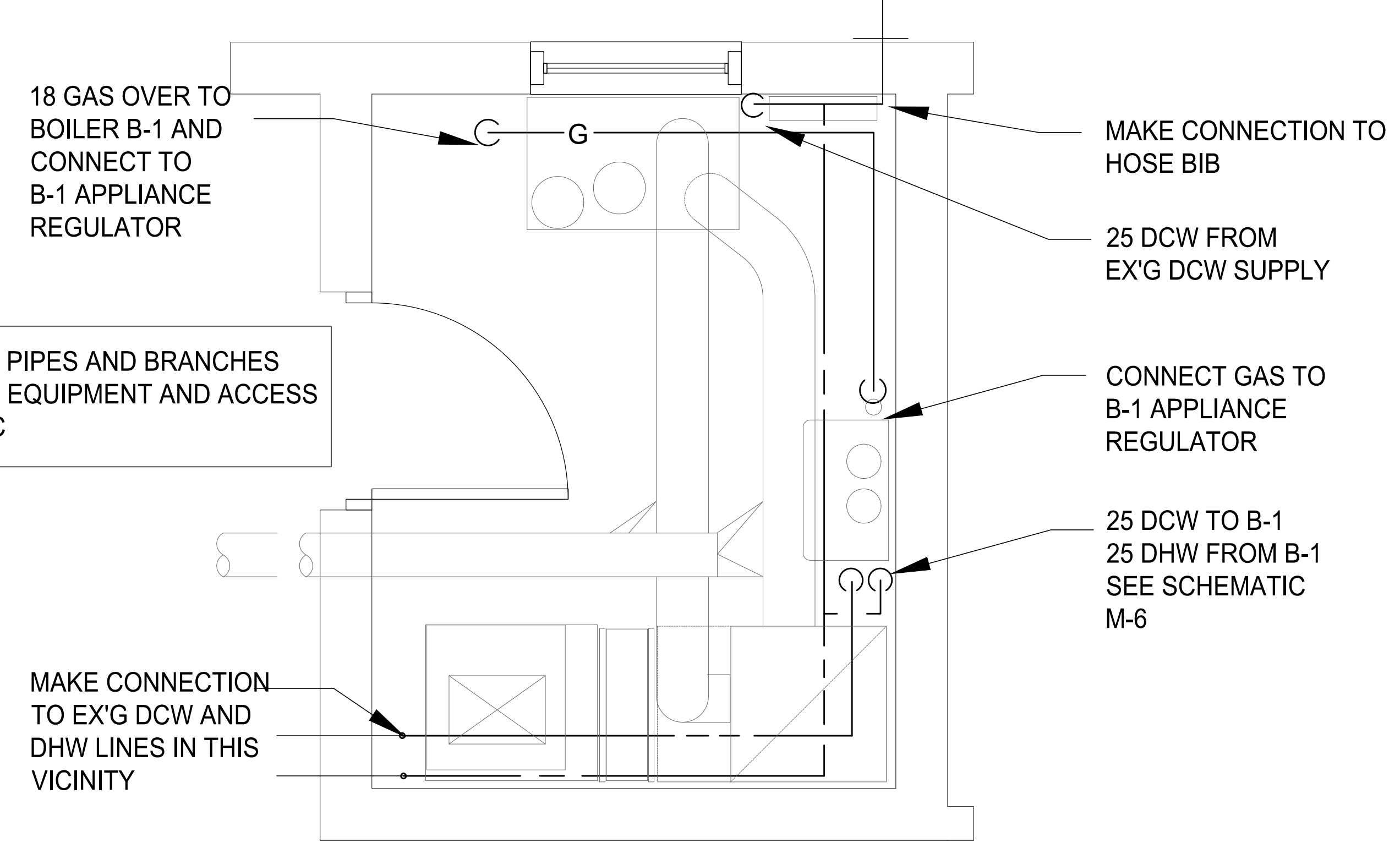
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MECHANICAL ROOM PLAN

Project no. / no. du Projet R.060702.001	Sheet / Feuille M3	Revision no. / La Révision no.
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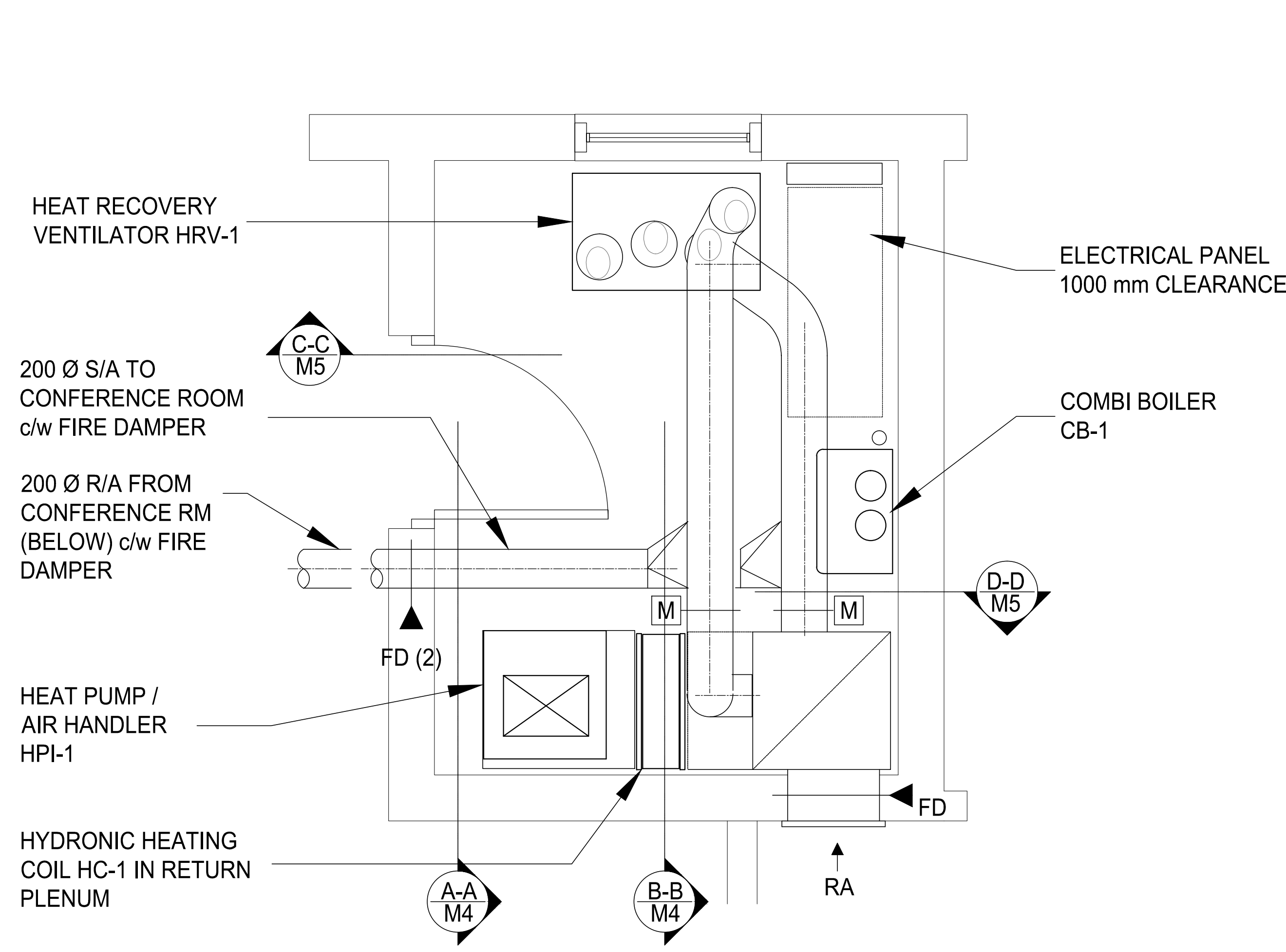


MECHANICAL ROOM PLAN - PIPING
 SCALE 1:16

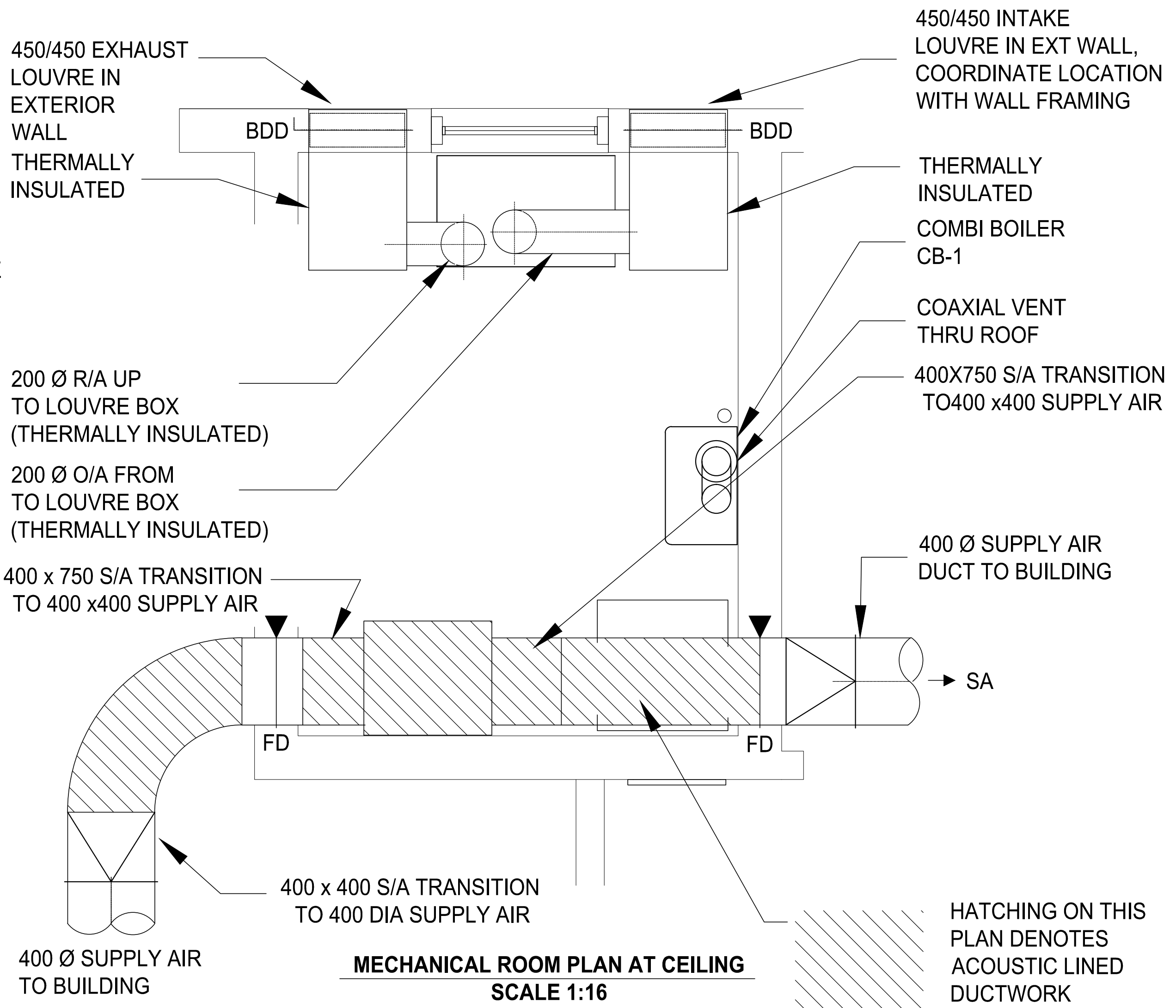


MECHANICAL ROOM PLAN - PLUMBING
 SCALE 1:16

NOTE: WHEN ROUTING PIPES AND BRANCHES AVOID CONFLICT WITH EQUIPMENT AND ACCESS OPENINGS DOORS ETC



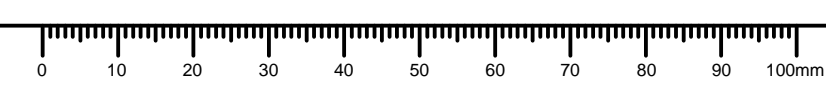
MECHANICAL ROOM PLAN AT 2200 AFF
 SCALE 1:16

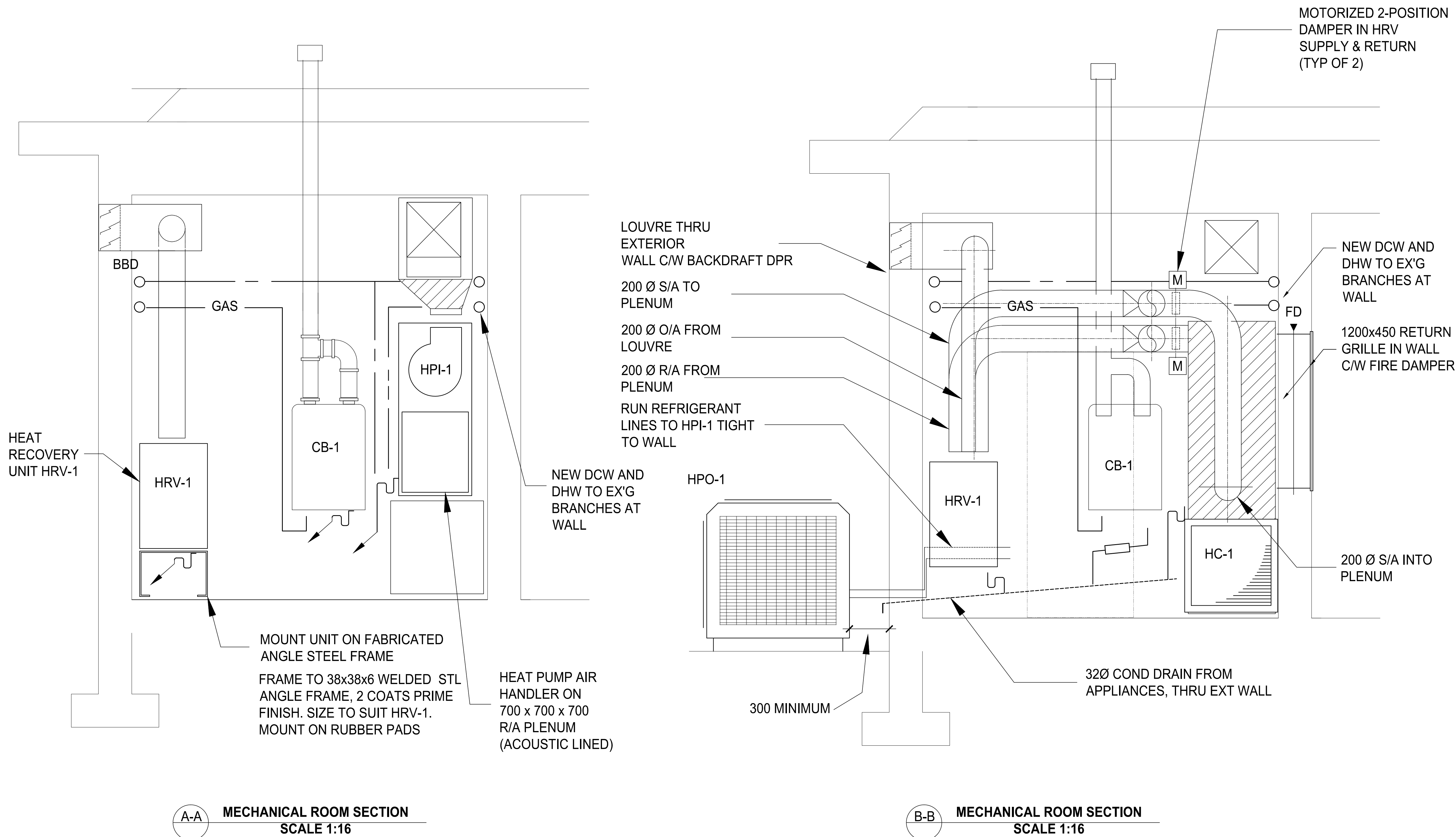


MECHANICAL ROOM PLAN AT CEILING
 SCALE 1:16

HEAT RECOVERY VENTILATOR HRV-1
 200 Ø S/A TO CONFERENCE ROOM c/w FIRE DAMPER
 200 Ø R/A FROM CONFERENCE RM (BELOW) c/w FIRE DAMPER
 HEAT PUMP / AIR HANDLER HPI-1
 HYDRONIC HEATING COIL HC-1 IN RETURN PLENUM

450/450 EXHAUST LOUVRE IN EXTERIOR WALL THERMALLY INSULATED
 450/450 INTAKE LOUVRE IN EXT WALL, COORDINATE LOCATION WITH WALL FRAMING
 THERMALLY INSULATED COMBI BOILER CB-1
 COAXIAL VENT THRU ROOF
 400X750 S/A TRANSITION TO 400 x400 SUPPLY AIR
 400 Ø SUPPLY AIR DUCT TO BUILDING
 400 x 750 S/A TRANSITION TO 400 x400 SUPPLY AIR
 400 x 400 S/A TRANSITION TO 400 DIA SUPPLY AIR
 HATCHING ON THIS PLAN DENOTES ACOUSTIC LINED DUCTWORK





A-A MECHANICAL ROOM SECTION
SCALE 1:16

B-B MECHANICAL ROOM SECTION
SCALE 1:16

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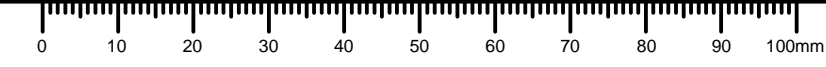
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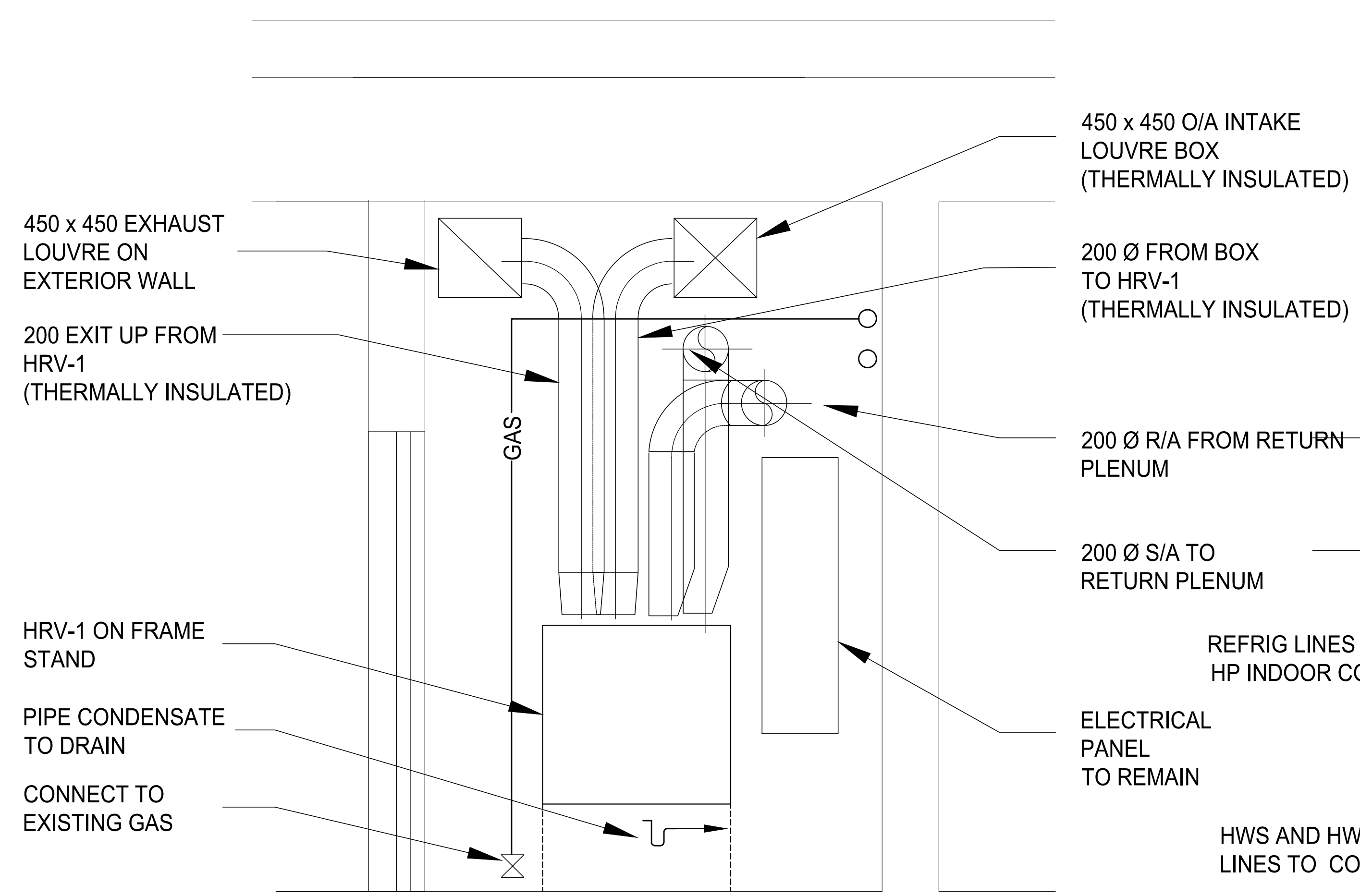
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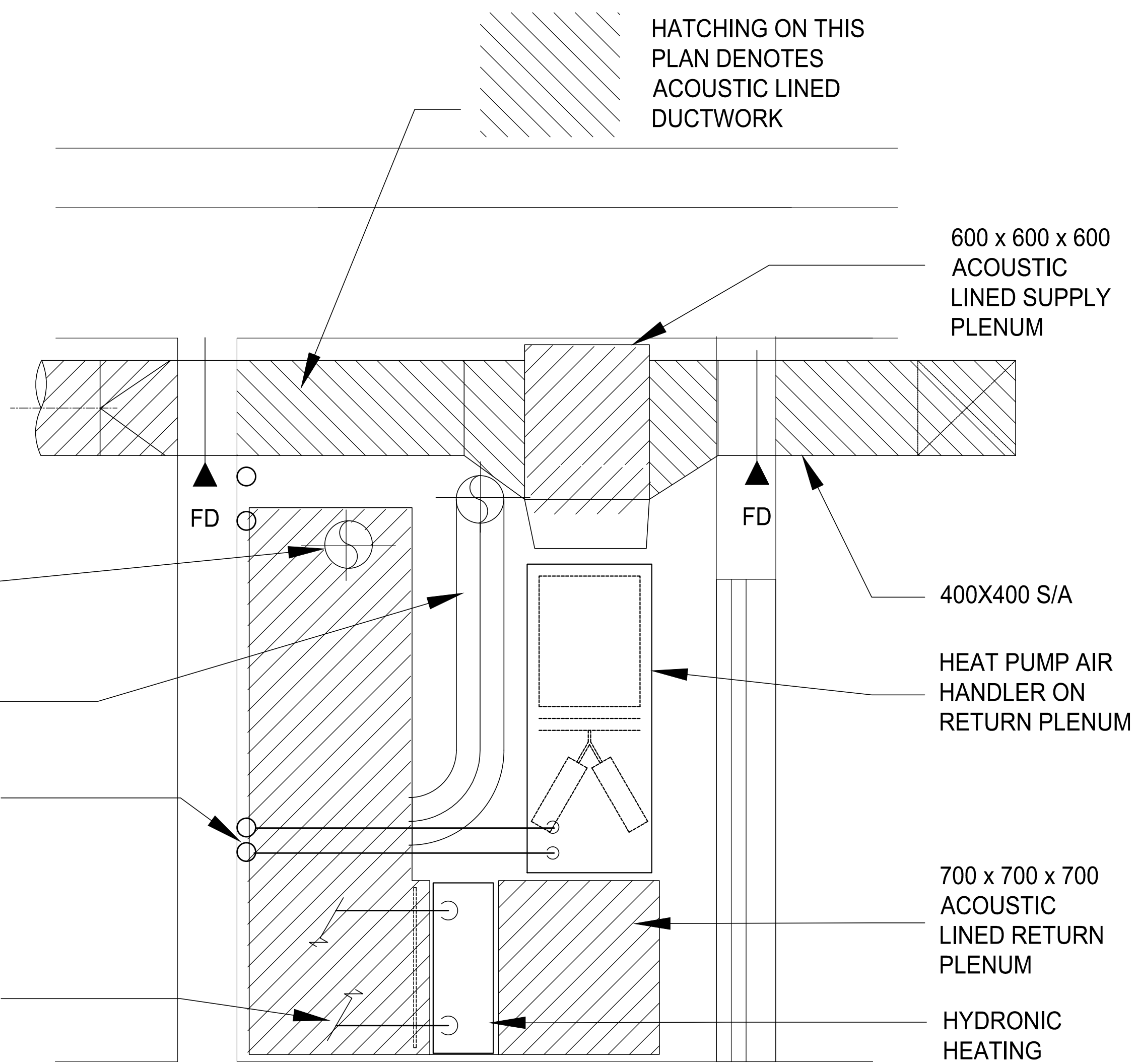
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MECHANICAL ROOM SECTIONS

Project no. / no. du Projet	Sheet / Feuille	Revision no. / La Révision no.
R.060702.001	M4	





C-C MECHANICAL ROOM SECTION
SCALE 1:16



D-D MECHANICAL ROOM SECTION
SCALE 1:16

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E/A	EXHAUST AIR
R/A	RETURN AIR
S/A	SUPPLY AIR
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—	TAG
—	NOM SIZE
—	VOLUME L/s (CFM)

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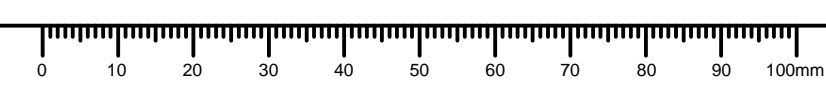
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Drawing title / Titre du dessin
MECHANICAL ROOM SECTIONS

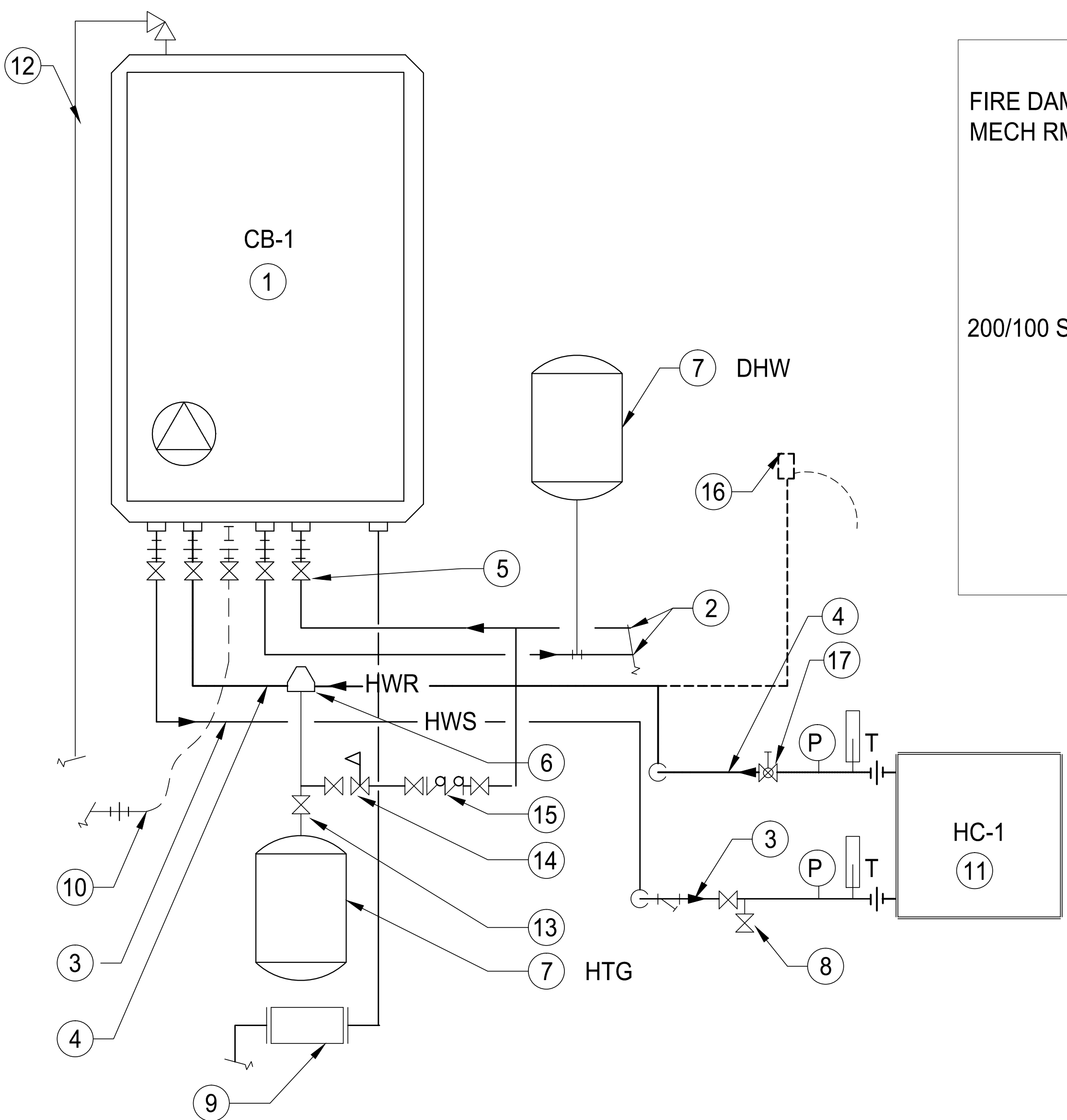
Project no. / no. du Projet R.060702.001	Sheet / Feuille M5	Revision no. / La Révision no.
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SYMBOLS LEGEND

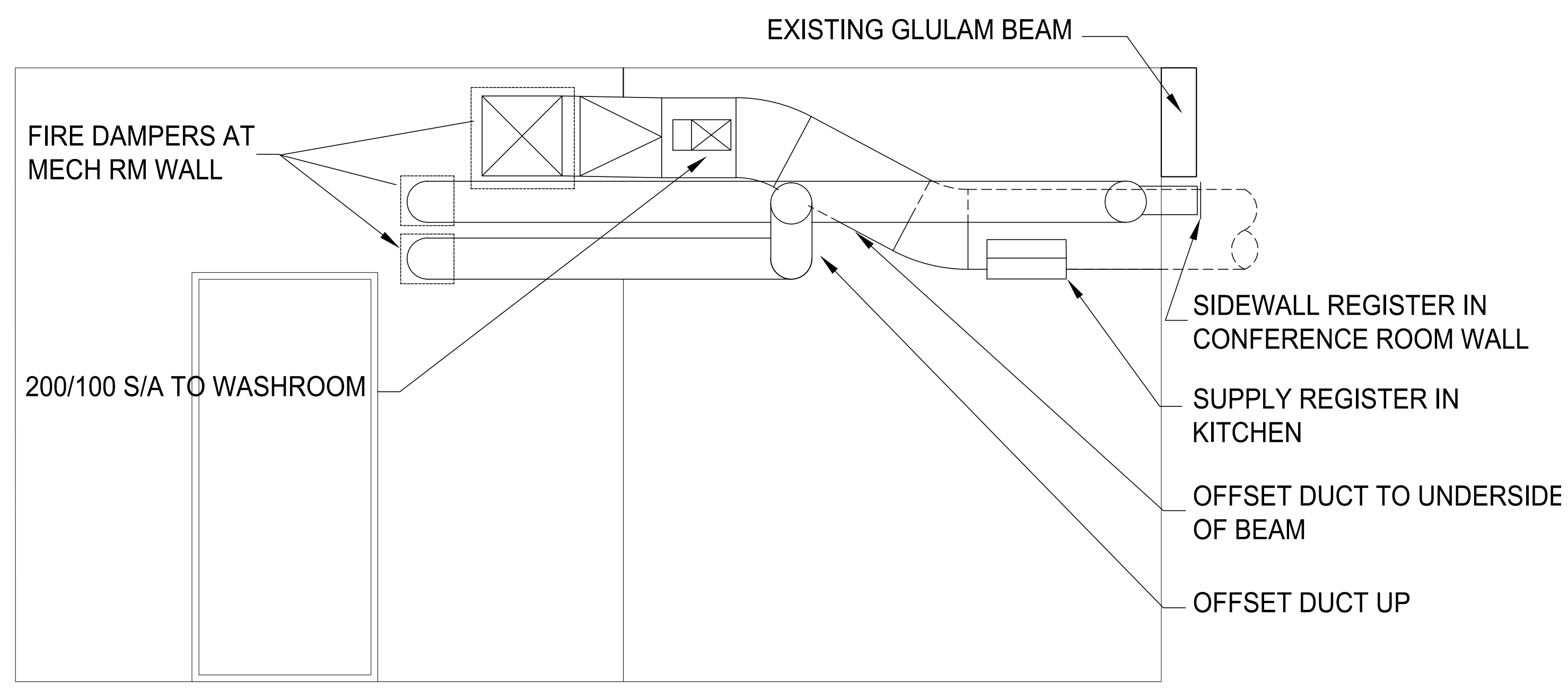
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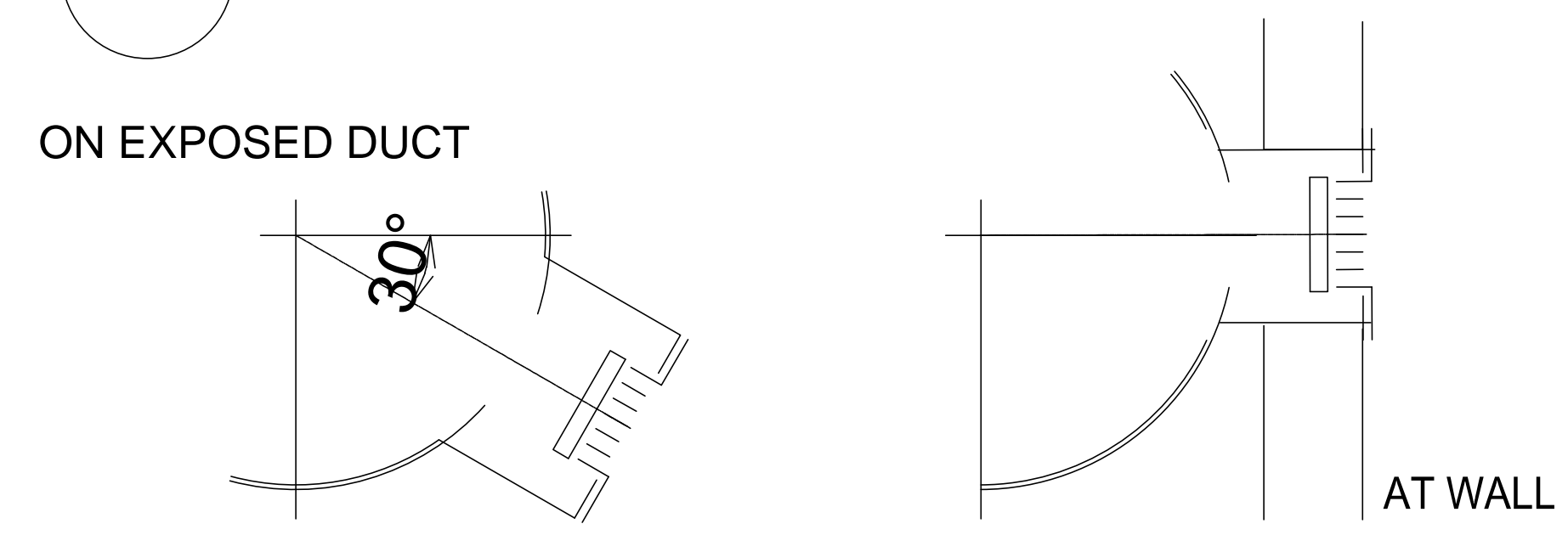


- | | |
|---|--|
| ① COMBI BOILER CB-1 | ⑨ CONDENSATE DRAIN C/W NEUTRALIZER - PIPE TO DRAIN |
| ② EXTEND & CONNECT TO EXISTING DHW & DCW SYSTEM | ⑩ CONNECT TO EXISTING GAS SUPPLY C/W FLEX CONN. |
| ③ 25 HWS TO HEATING COIL HC-1 | ⑪ HEATING COIL HC-1 |
| ④ 25 HWR FROM HEATING COIL HC-1 | ⑫ T&P VALVE. PIPE TO DRAIN |
| ⑤ ISOLATING (BALL) VALVE | ⑬ ISOLATING VALVE WITH REMOVABLE HANDLE |
| ⑥ AIR SEPARATOR | ⑭ PRESSURE REDUCING VALVE |
| ⑦ DIAPHRAGM EXPANSION TANK | ⑮ TESTABLE DOUBLE CHECK ASSEMBLY WITH ISOLATION |
| ⑧ STOP & DRAIN | ⑯ AUTOMATIC AIR VENT AT HIGH POINT. PIPE TO DRAIN |
| | ⑰ GLOBE VALVE (BALANCING) |

**DETAIL - BOILER CB-1 PIPING SCHEMATIC
NTS**



E-E SECTION THRU KITCHEN/LOUNGE



**DETAIL - SUPPLY REGISTER TAKEOFF
NTS**

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MECHANICAL ROOM DETAILS

Project no. / no. du Projet R.060702.001	Sheet / Feuille M6	Revision no. / La Révision no.
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