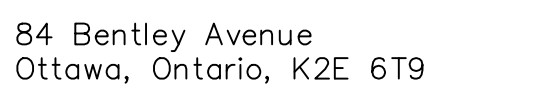


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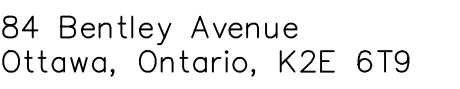
POWERSON

drawing title:

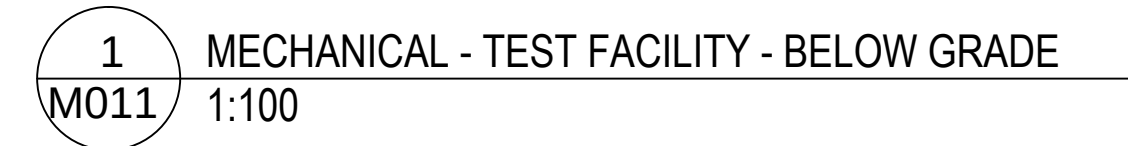
project no.:	drawing no.:
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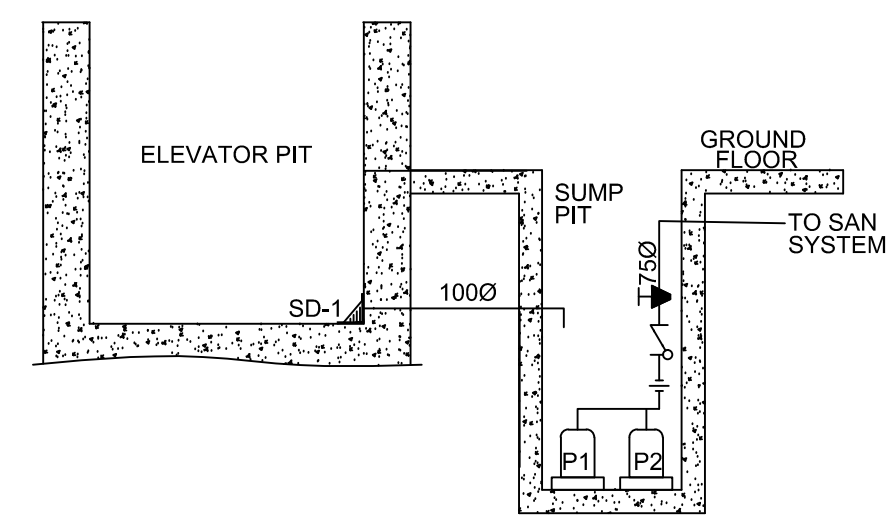
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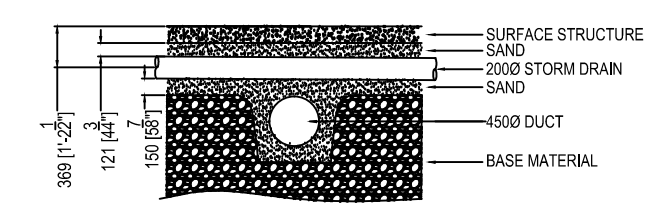
- GENERAL NOTES:**
1. BELOW GRADE PIPE TO BE PVC, ABS, CAST IRON OR DWV COPPER, CSA CERTIFIED.
 2. BELOW GRADE PIPE TO BE INSTALLED ON A 150 MM BED OF GRANULAR OR SAND AND BACKFILLED TO 150 MM ABOVE GRADE. EXTERNAL NOT SHOWN. COMPLETE VENTING IN STRICT ACCORDANCE WITH PART 7 OF B.C.C.
 3. PROVIDE TRAP SEALS AND TRAP SEAL PRIMERS AS REQUIRED.
 4. SLOPE ALL DRAINAGE & SANITARY PIPING ACCORDING TO CODE.
 5. ELEVATION FIT SUMP PUMP TO BE INSTALLED IN ACCORDANCE WITH CSA B44 "SAFETY CODE FOR ELEVATORS".
 6. ALL DIMENSIONS IN MILLIMETERS
 7. EXTERIOR AREA DRAINS BY OTHERS
 8. TRAP GRAB SANITARY WHERE APPLICABLE BY OBC
 9. INVERT ELEVATIONS AS PER SITE SERVICING AND UTILITY PLAN, DWG #C102, SHT 2 OF 2, REVISION 9, JULY 22, 2016

-
- Figure 1: Typical cross-section of a trench. The diagram shows a trench with a concrete duct bank at the bottom, containing four 6-inch diameter pipes. Above the pipes is a 300 mm layer of sand bedding. The trench walls are made of concrete. The top of the trench is covered with a sub-base material, followed by a base material, and a surface structure. Dimensions are given in millimeters and inches. The total depth of the trench is 2438 mm (96 inches). The concrete duct bank is 300 mm (12 inches) high. The sand bedding is 300 mm (12 inches) thick. The sub-base material is 100 mm (4 inches) thick. The base material is 100 mm (4 inches) thick. The surface structure is 100 mm (4 inches) thick.

2 DUCT BANK ACROSS DRIVE AISLE DETAIL



3 ELEVATOR SUMP SYSTEM DETAIL



4 BELOW GRADE DUCT DETAIL

REVISIONS

client:

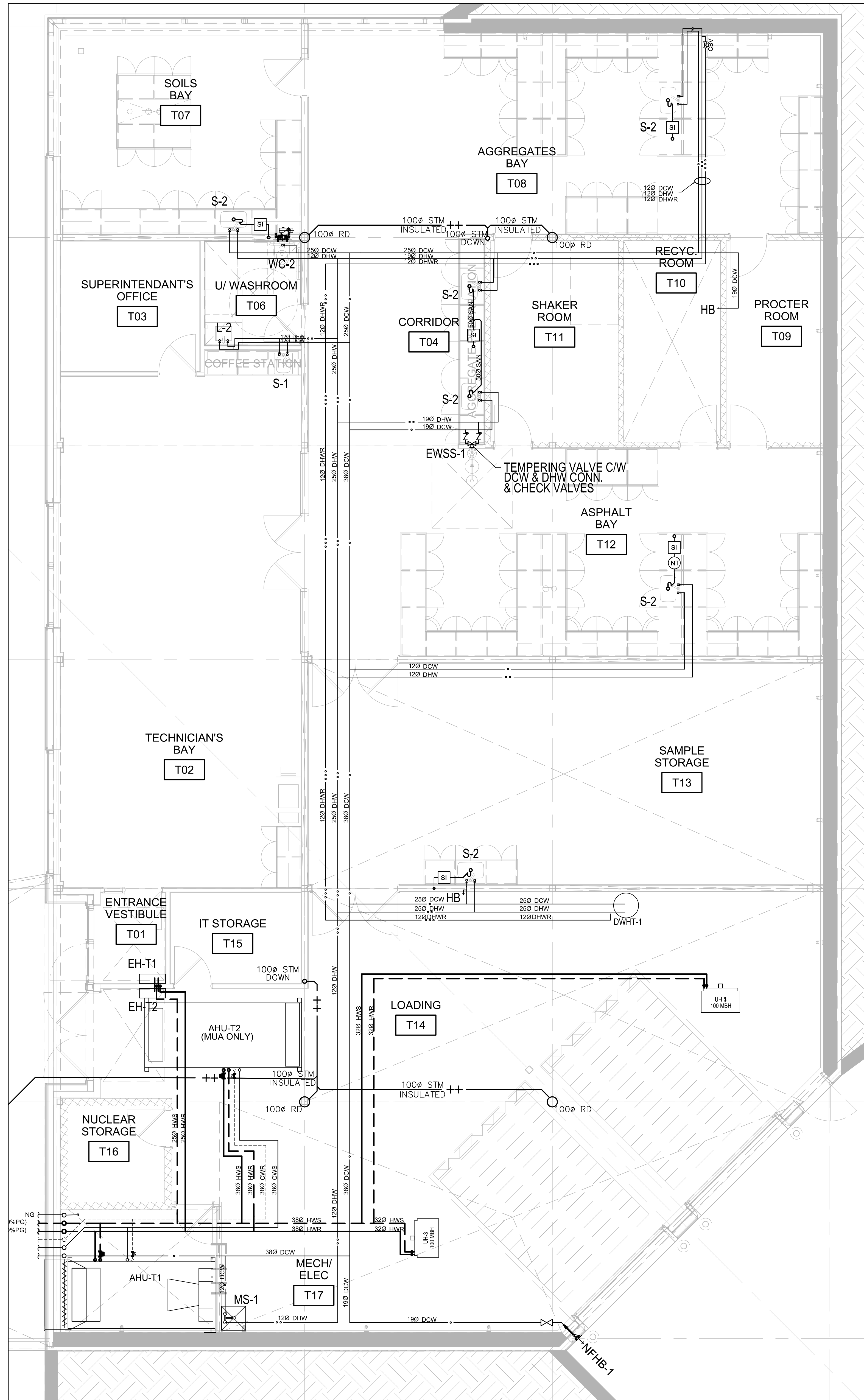
TOMLINSON

5597 POWER RD
OTTAWA, ON
K1G 3N4

drawing title: MECHANICAL
TEST FACILITY
BELOW GRADE

scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	MAY 2016

project no.: 1570	drawing no.: M011
revision: 2	



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1	ISSUED FOR TENDER	SEPT 13 2016
0	ISSUED FOR BUILDING PERMIT	AUGUST 5 2016
No	DESCRIPTION	DATE

REVISIONS

client:
TOMLINSON
5597 POWER RD
OTTAWA, ON
K1G 3N4

project:
TOMLINSON
NEW BUILDING
CITIGATE, OTTAWA

drawing title:
MECHANICAL
PLUMBING
TEST FACILITY PLAN

scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.:	1570	drawing no.:	M100
revision:	0		

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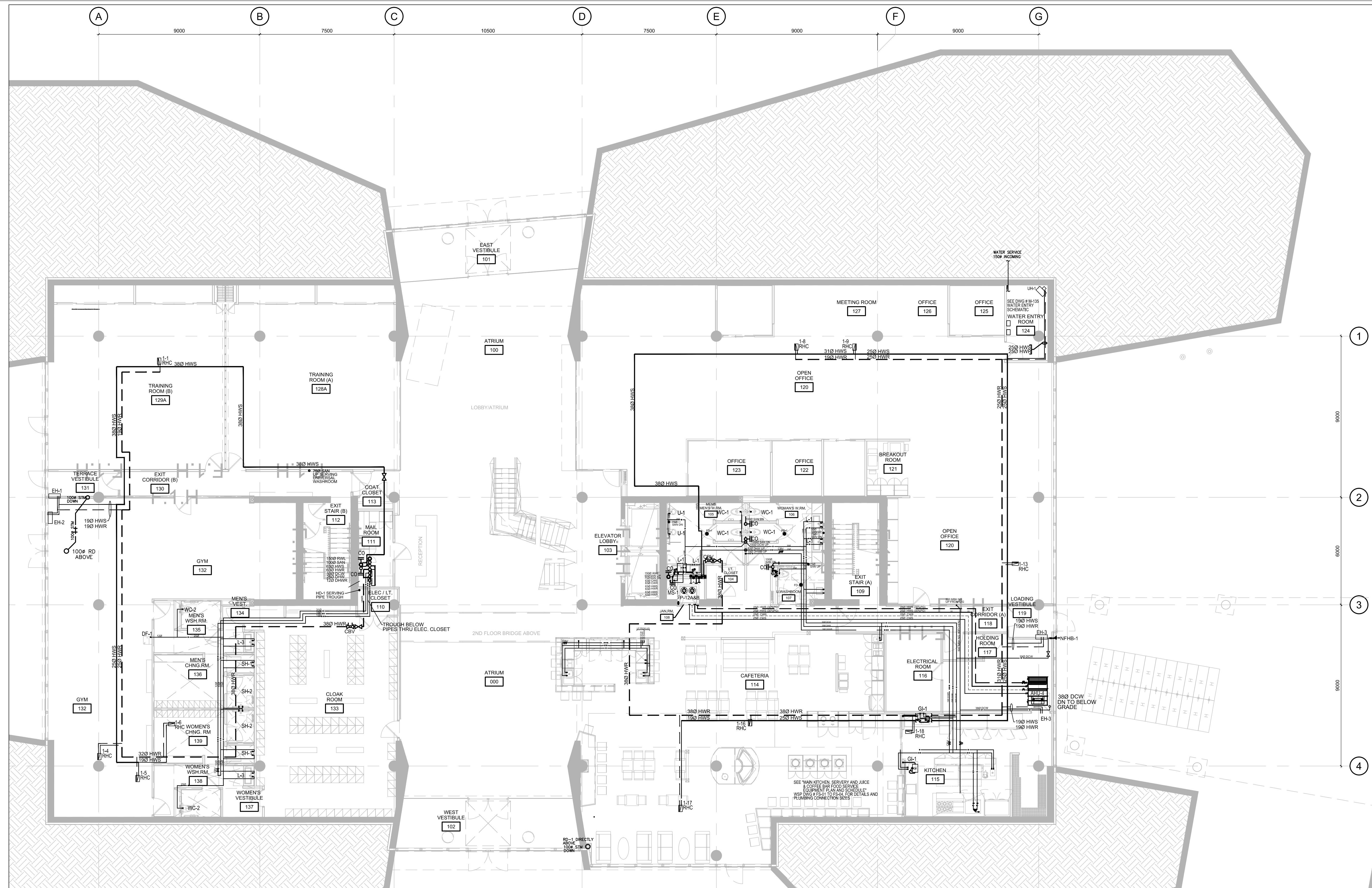
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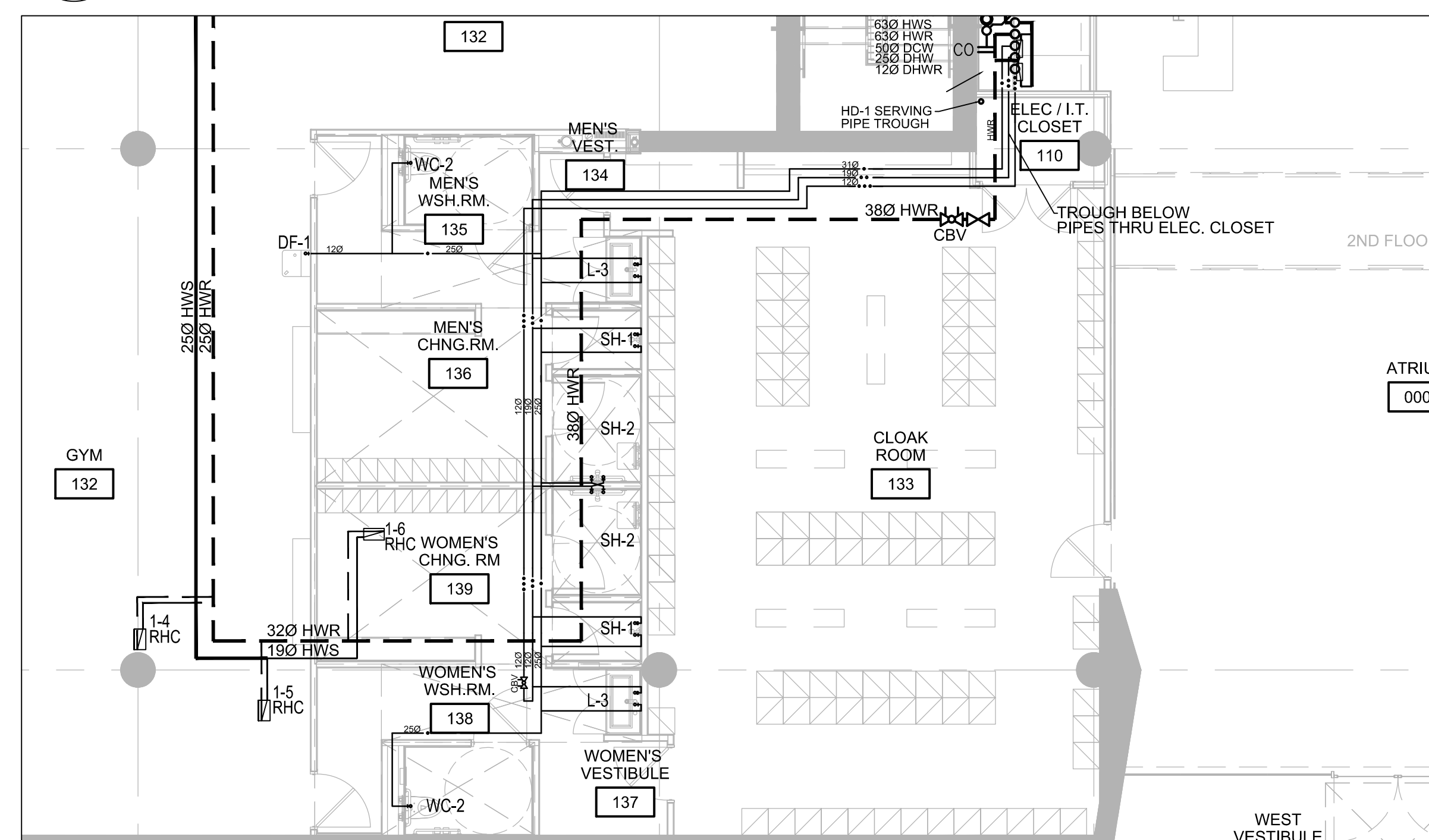
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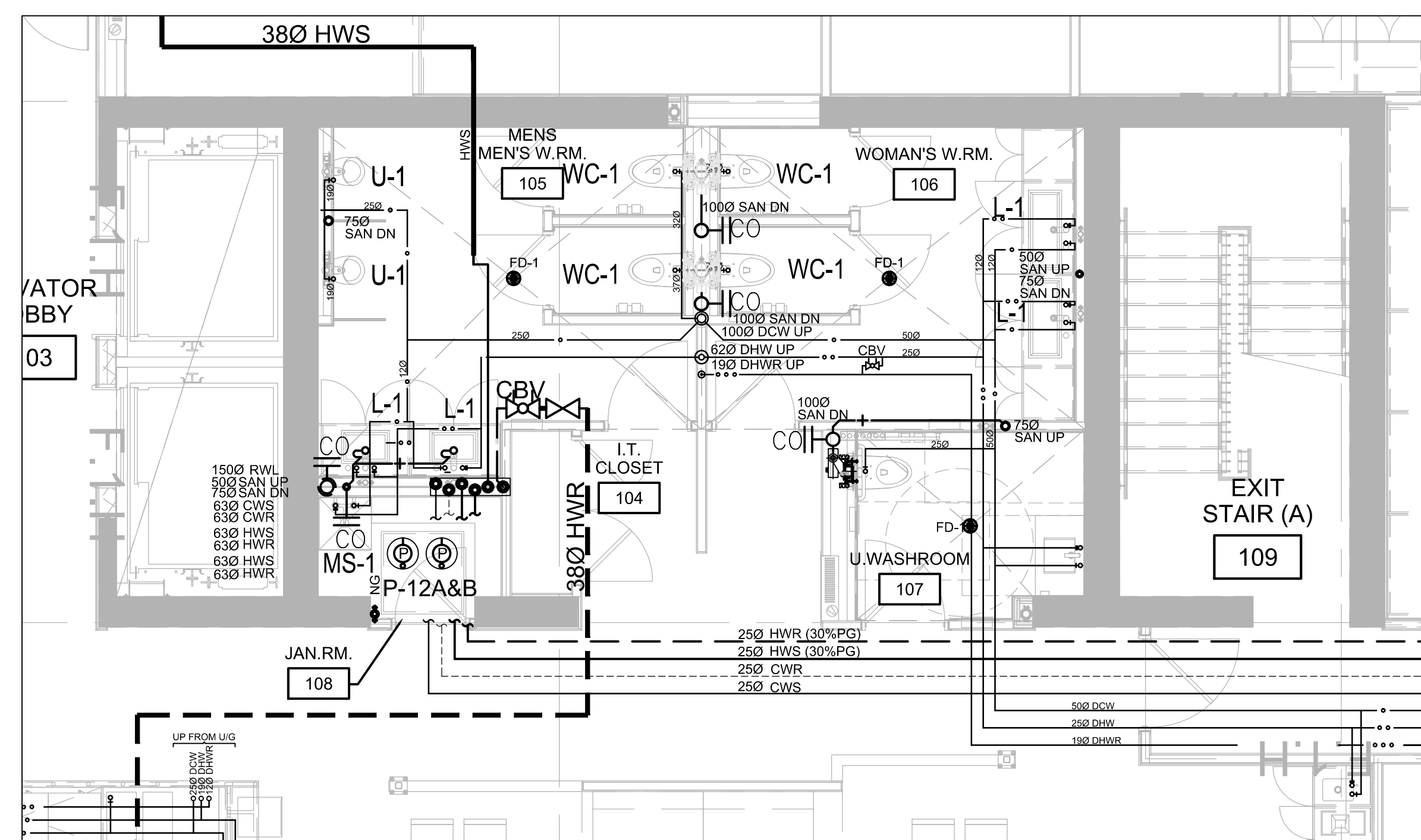
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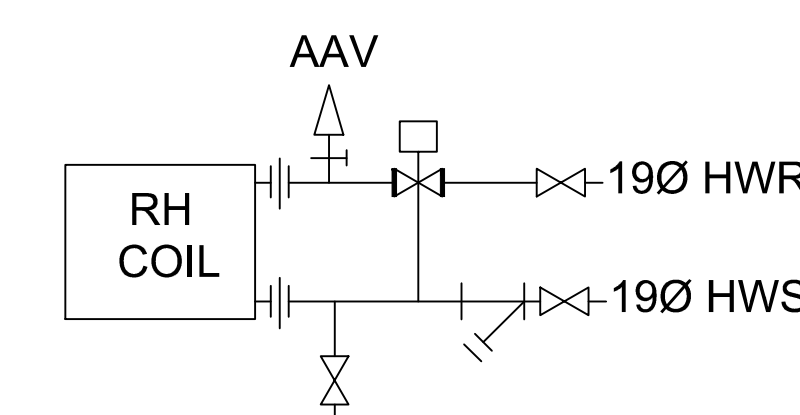
1 PLUMBING - GROUND FLOOR PLAN
M101



2 PLUMBING - GROUND FLOOR CHANGEROOM
M101 1:75



3 PLUMBING - GROUND FLOOR MAIN WASHROOM
M101 1:50



4 TYPICAL VAV RH COIL PIPING
M101

No	DESCRIPTION	DATE
2	ISSUED FOR CONSTRUCTION	OCT 7 2016
1	ISSUED FOR TENDER	SEPT 13 2016
0	ISSUED FOR BUILDING PERMIT	AUGUST 5 2016

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client:	TOMLINSON 5597 POWER RD OTTAWA, ON K1G 3N4
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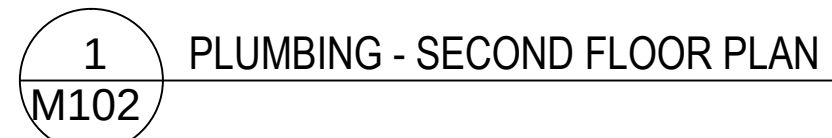
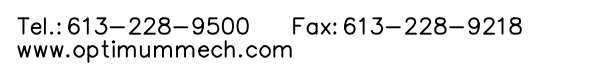
project:	TOMLINSON NEW BUILDING CITIGATE, OTTAWA
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drawing title:	MECHANICAL PLUMBING GROUND FLOOR PLAN
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scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.:	1570	drawing no.:	M101
revision:	0		

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0126003

drawing title:

MECHANICAL
PLUMBING
SECOND FLOOR PLAN

project no.: 1570	drawing no.: M102
revision: 0	

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No	DESCRIPTION	DATE

REVISIONS

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client:

TOMLINSON

5597 POWER RD
OTTAWA, ON
K1G 3N4

project:

TOMLINSON

NEW BUILDING
CITIGATE, OTTAWA

drawing title:

MECHANICAL
PLUMBING
THIRD FLOOR PLAN

scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.: 1570	drawing no.: M103
revision: 0	

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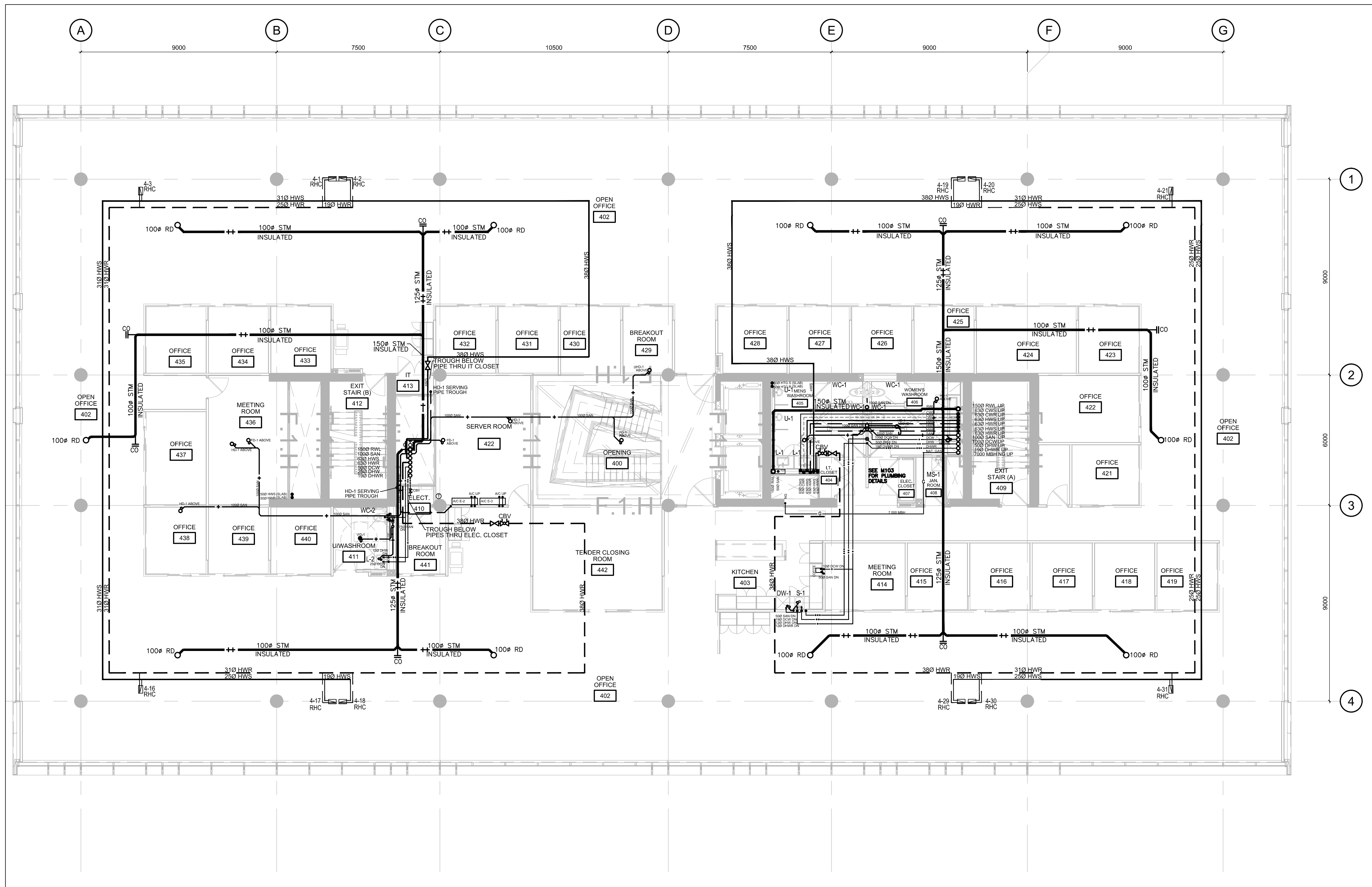
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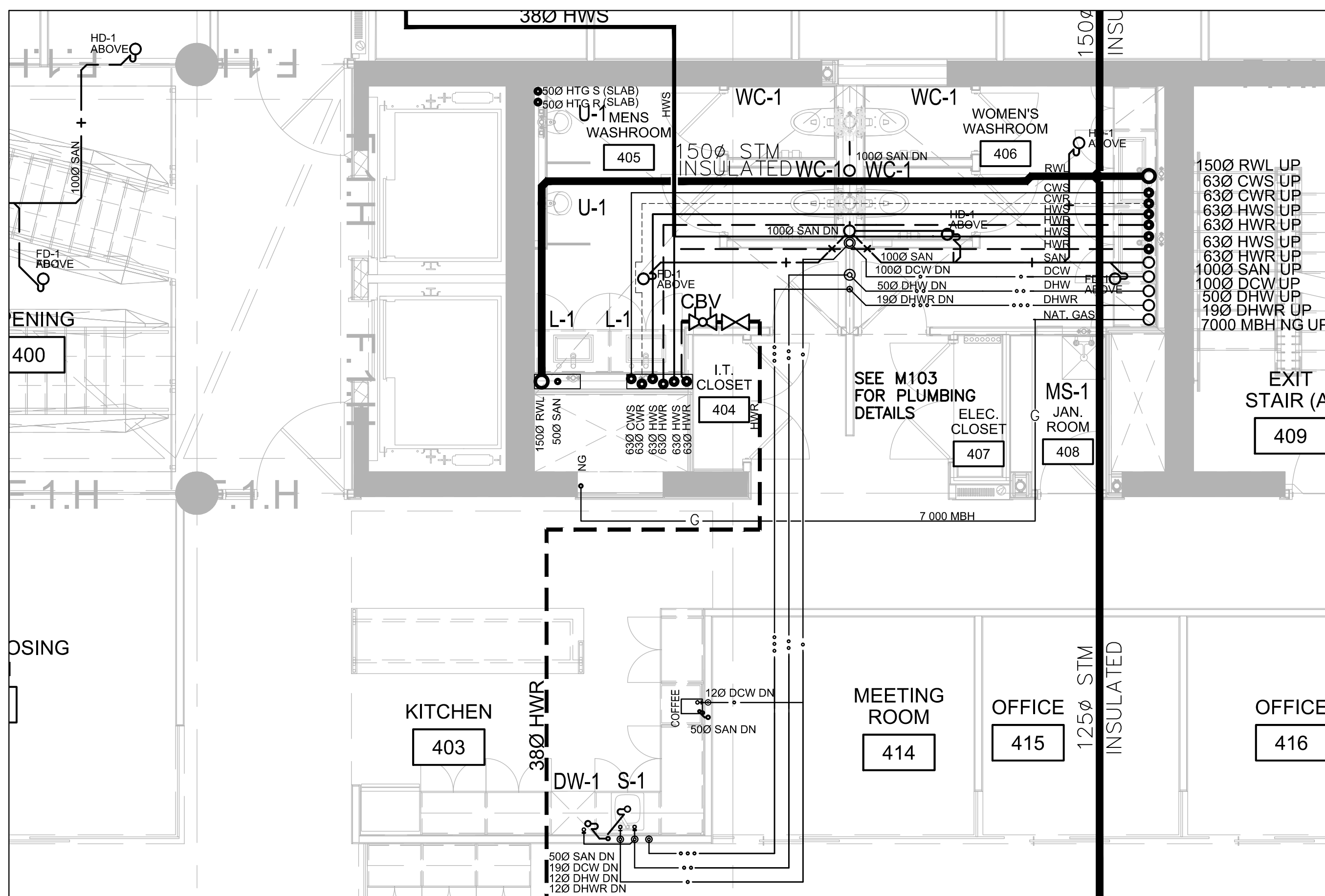


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1 PLUMBING - FOURTH FLOOR PLAN
M104



2 PLUMBING -4TH FLOOR MAIN WASHROOM AND KITCHEN DETAIL
M104 1:50

2	ISSUED FOR CONSTRUCTION	OCT 7 2016
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0	ISSUED FOR BUILDING PERMIT	AUGUST 5 2016
No	DESCRIPTION	DATE

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client:	TOMLINSON 5597 POWER RD OTTAWA, ON K1G 3N4
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project:	TOMLINSON NEW BUILDING CITIGATE, OTTAWA
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drawing title:	MECHANICAL PLUMBING FOURTH FLOOR PLAN
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scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.:	1570	drawing no.:	M104
revision:	0		

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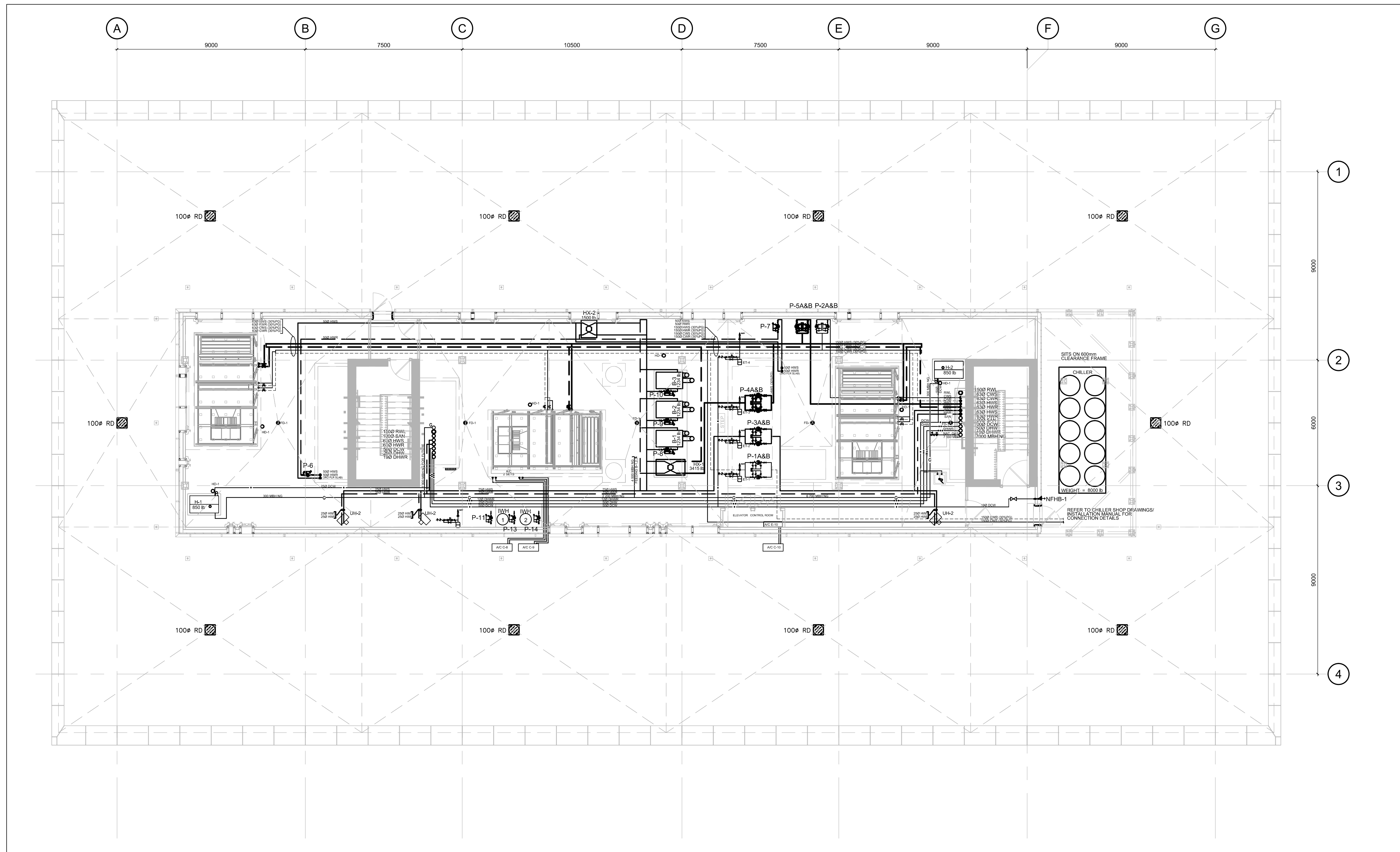
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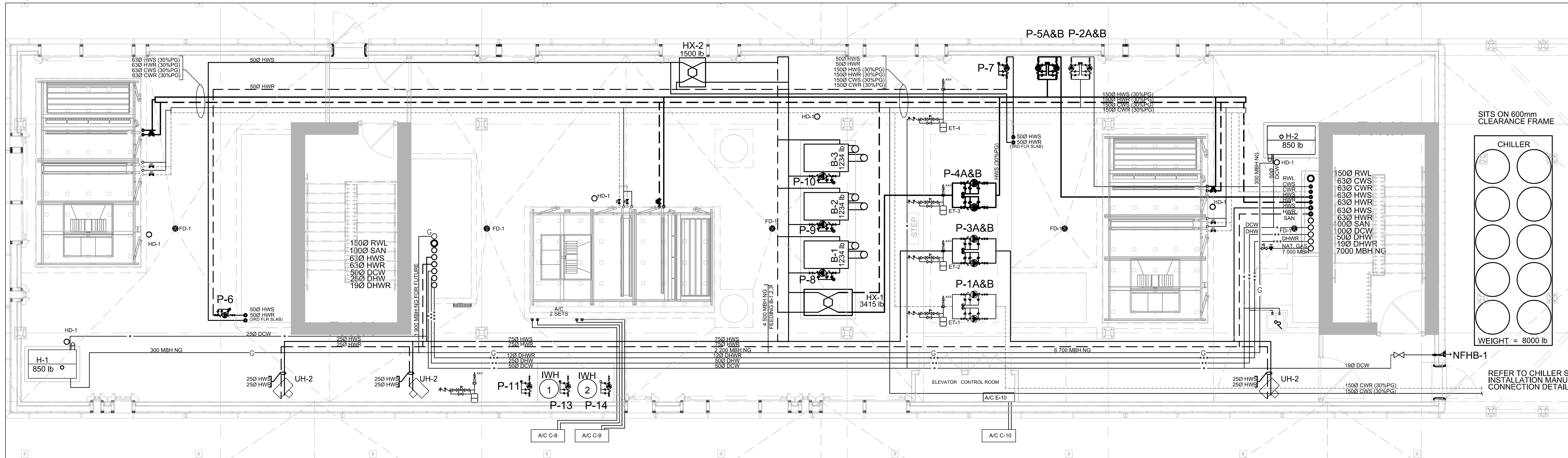
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1 PLUMBING - MECHANICAL PENTHOUSE PLAN
M105



2 PLUMBING - MECHANICAL PENTHOUSE DETAIL
M105 1:50

2	ISSUED FOR CONSTRUCTION	OCT 7 2016
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No	DESCRIPTION	DATE

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client:	TOMLINSON 5597 POWER RD OTTAWA, ON K1G 3N4
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project:	TOMLINSON NEW BUILDING CITIGATE, OTTAWA
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drawing title:	MECHANICAL PLUMBING MECHANICAL PENTHOUSE PLAN
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scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.:	1570	drawing no.:	M105
revision:	0		

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No	DESCRIPTION	DATE

REVISIONS

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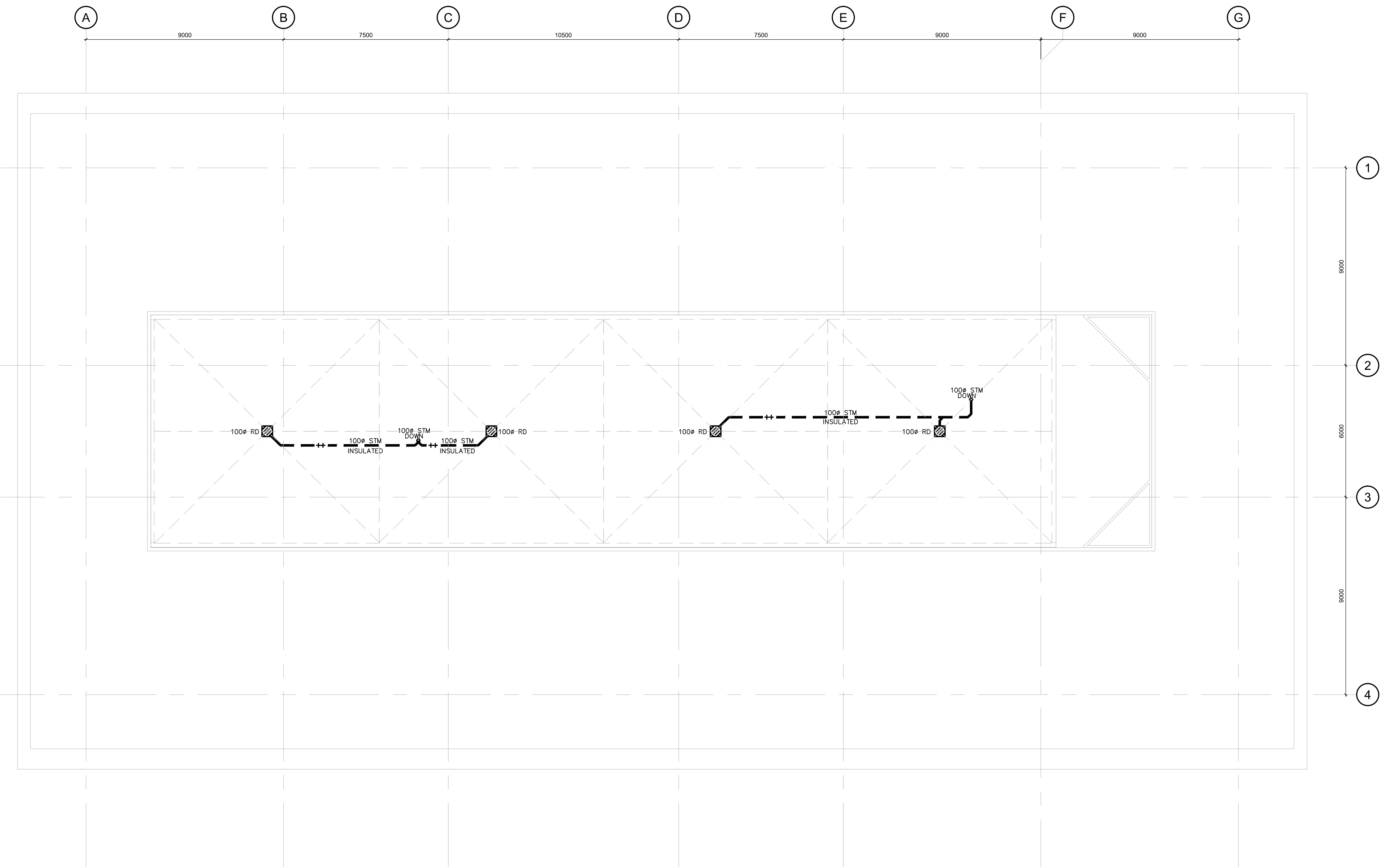
client:	TOMLINSON 5597 POWER RD OTTAWA, ON K1G 3N4
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project:	TOMLINSON NEW BUILDING CITIGATE, OTTAWA
----------	---

drawing title:	MECHANICAL PLUMBING MECHANICAL PENTHOUSE ROOF PLAN
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scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.:	1570	drawing no.:	M106
revision:	0		





1 HVAC - TEST FACILITY PLAN
M120

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---------	---

project:	TOMLINSON NEW BUILDING CITIGATE, OTTAWA
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drawing title:	MECHANICAL HVAC TEST FACILITY PLAN
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scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.:	1570	drawing no.:	M120
revision:	0		

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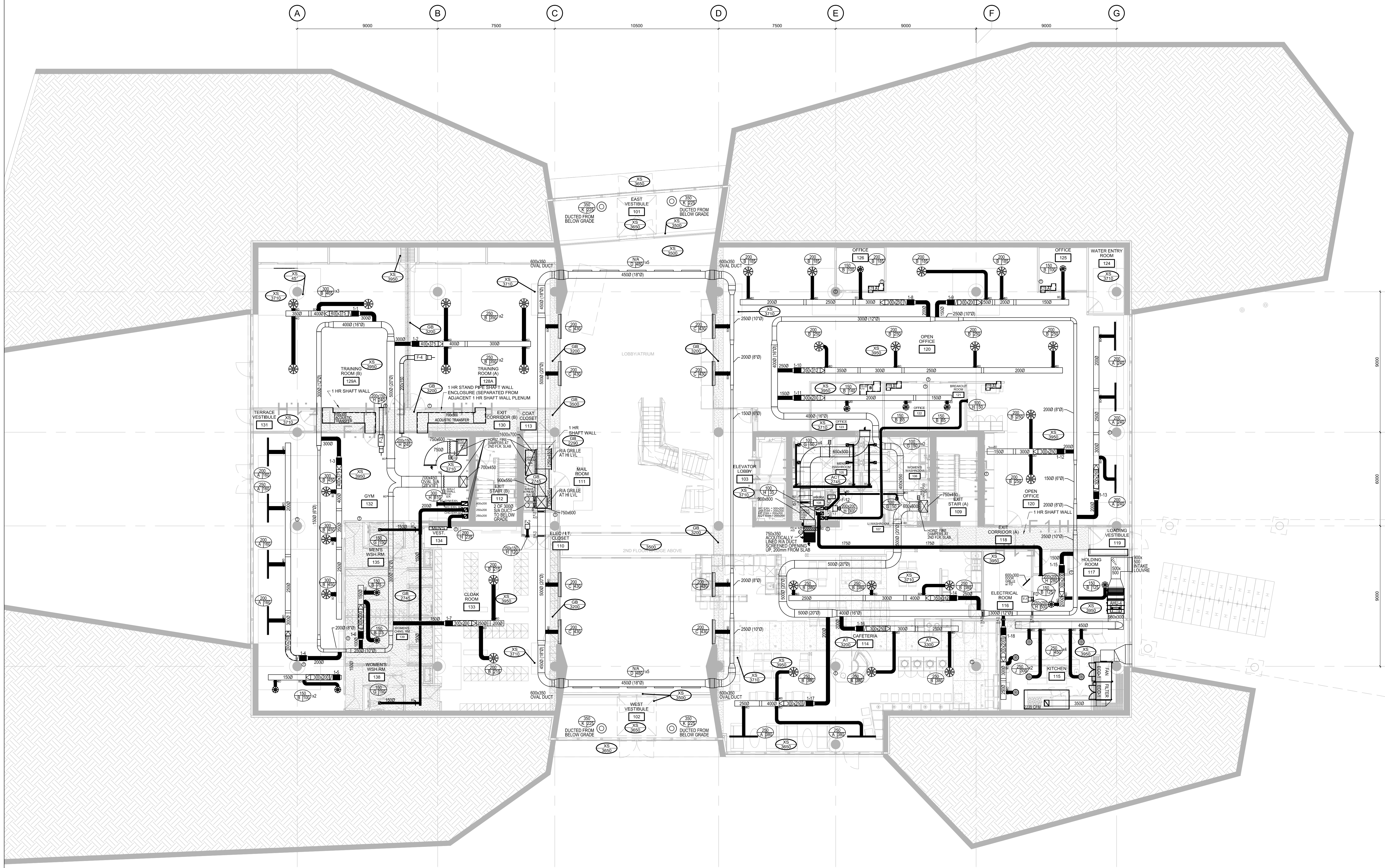
client:
TOMLINSON
5597 POWER RD
OTTAWA, ON
K1G 3N4

project:
TOMLINSON
NEW BUILDING
CITIGATE, OTTAWA

drawing title:
MECHANICAL
HVAC
GROUND FLOOR PLAN

scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.:	1570	drawing no.:	M121
revision:	0		



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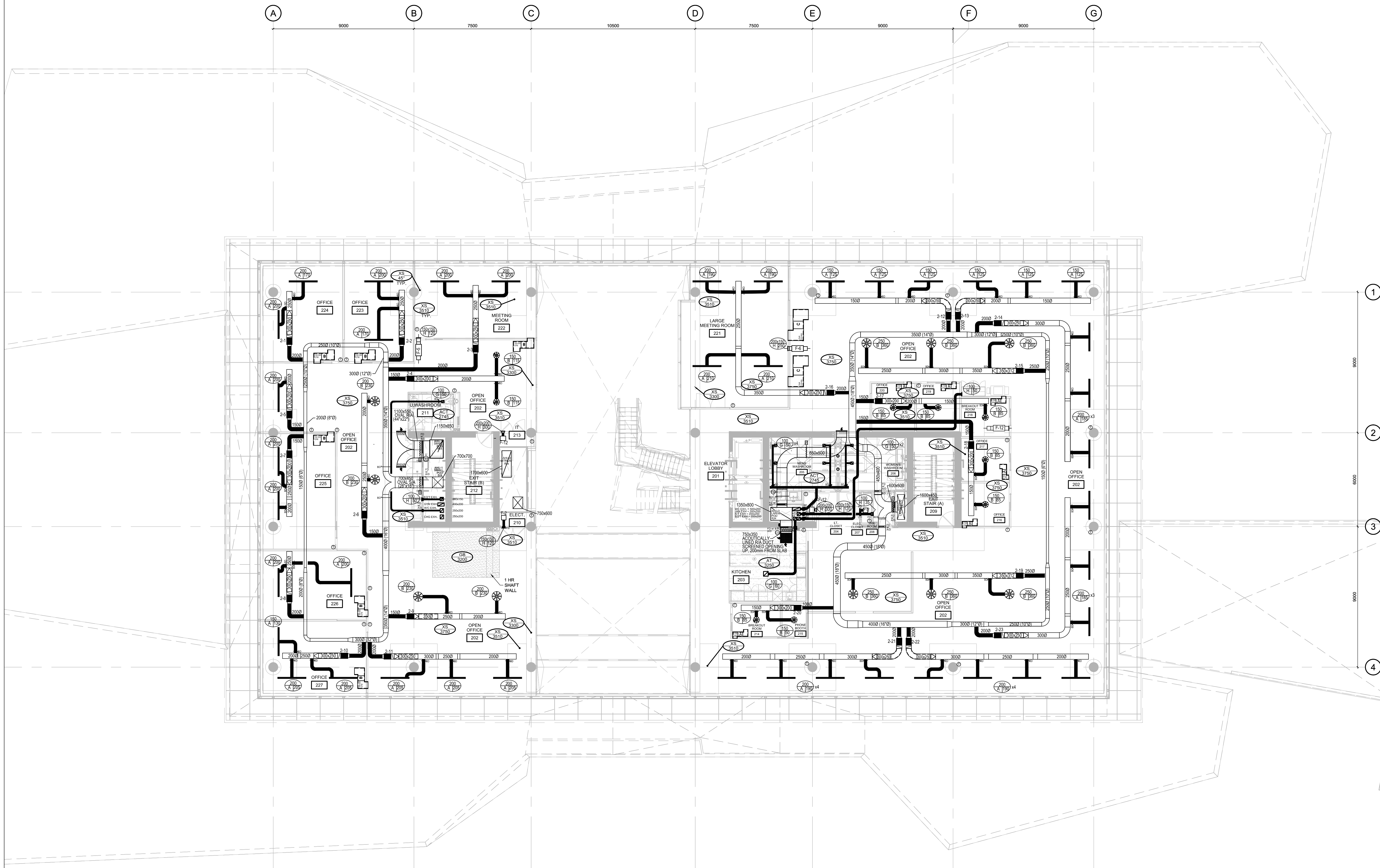
client:	TOMLINSON 5597 POWER RD OTTAWA, ON K1G 3N4
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project:	TOMLINSON NEW BUILDING CITIGATE, OTTAWA
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drawing title:	MECHANICAL HVAC SECOND FLOOR PLAN
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scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.:	1570	drawing no.:	M122
revision:	0		



1 HVAC - SECOND FLOOR PLAN
M122

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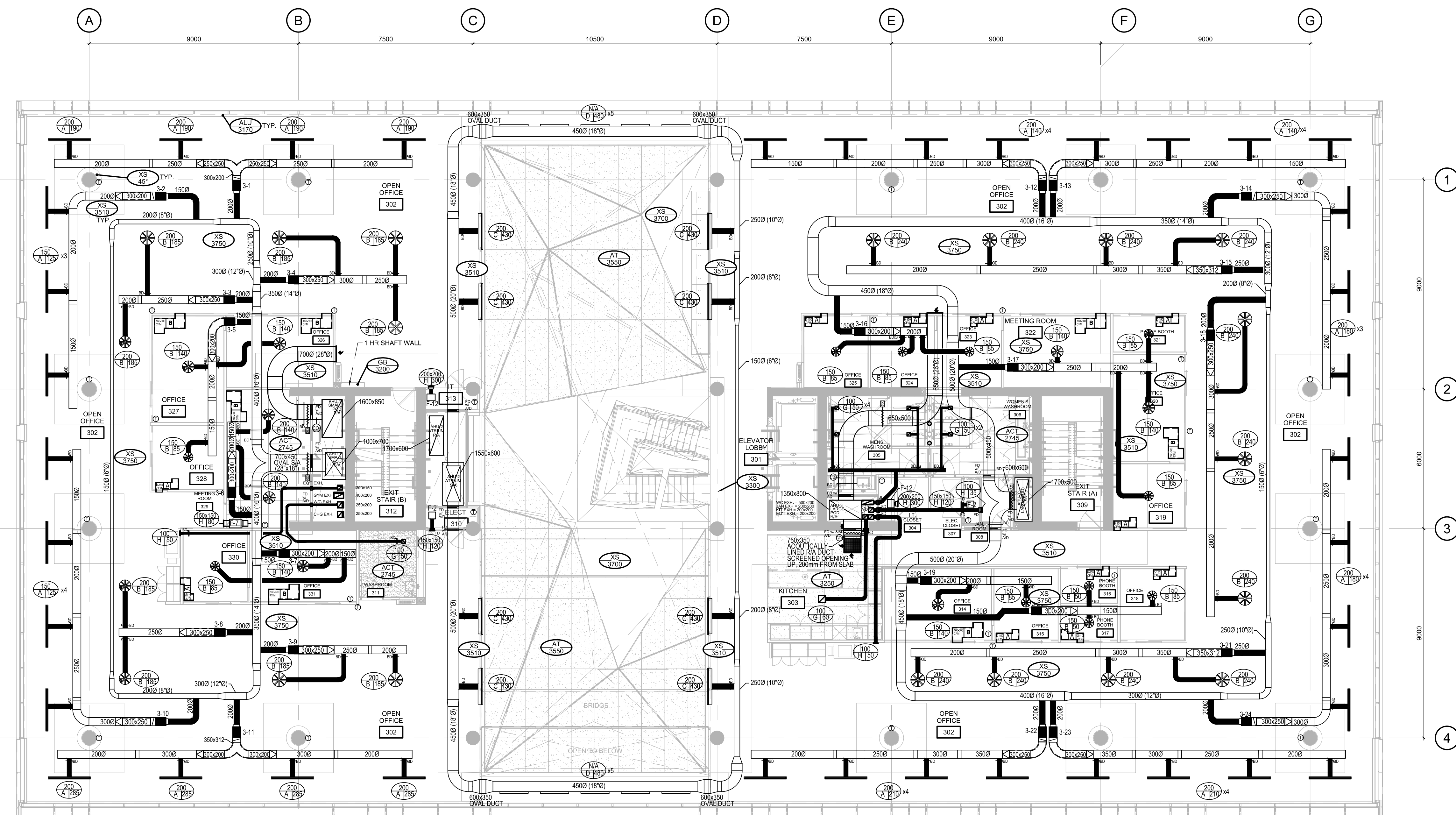
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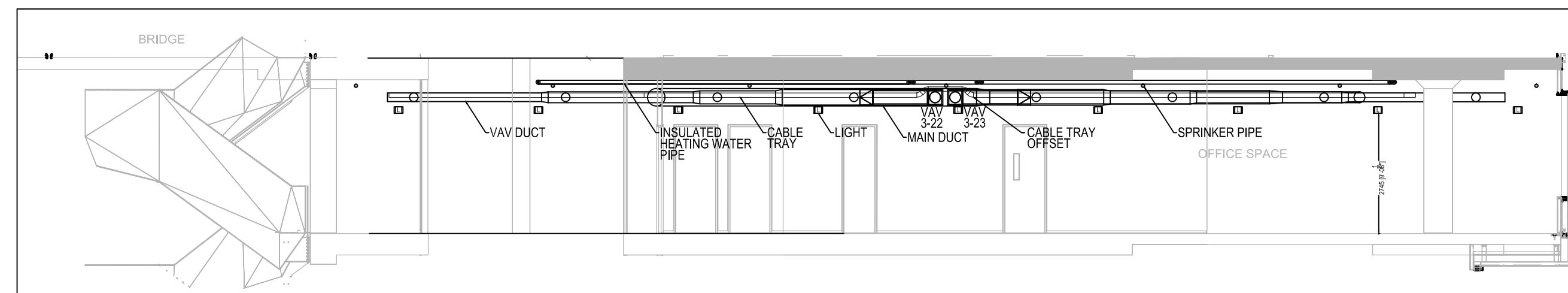
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1 HVAC - THIRD FLOOR PLAN



2 HVAC - THIRD FLOOR SOUTH - WEST ELEVATION VIEW

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client:	TOMLINSON 5597 POWER RD OTTAWA, ON K1G 3N4
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project:	TOMLINSON NEW BUILDING CITIGATE, OTTAWA
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drawing title:	MECHANICAL HVAC THIRD FLOOR PLAN
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scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.:	1570	drawing no.:	M123
revision:	0		

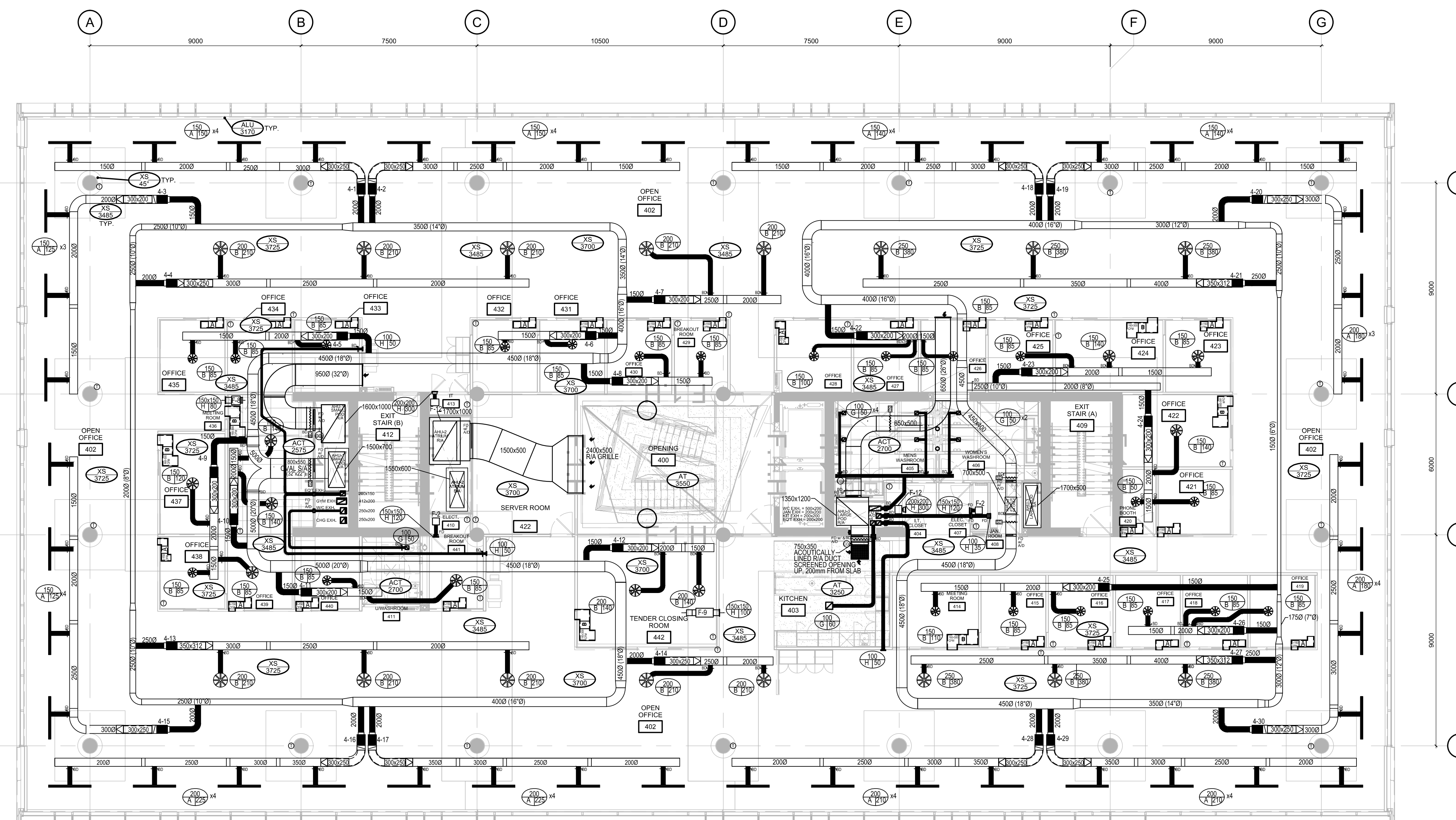
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0	ISSUED FOR BUILDING PERMIT	AUGUST 5 2016
No	DESCRIPTION	DATE

REVISIONS

client:	TOMLINSON 5597 POWER RD OTTAWA, ON K1G 3N4
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project:	TOMLINSON NEW BUILDING CITIGATE, OTTAWA
----------	---

drawing title:	MECHANICAL HVAC FOURTH FLOOR PLAN
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scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.:	1570	drawing no.:	M124
revision:	0		

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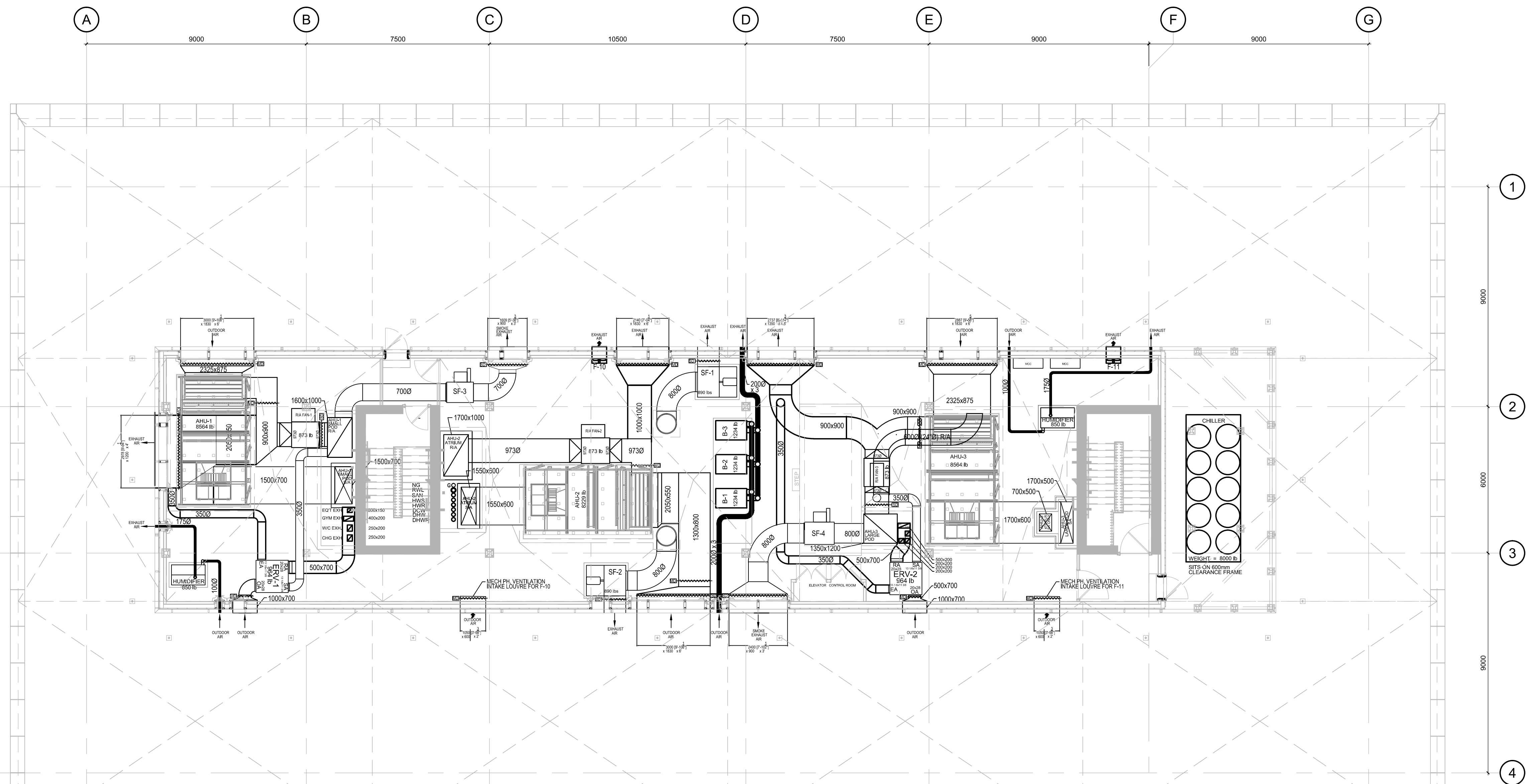
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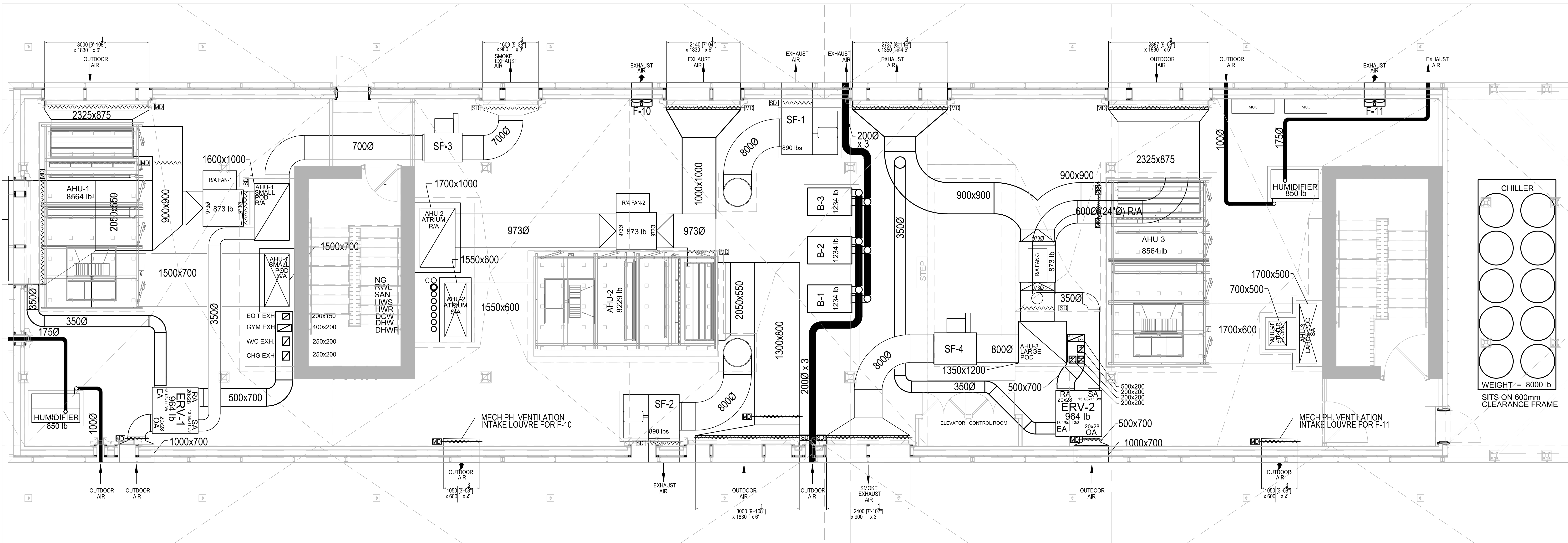
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1 HVAC - MECHANICAL PENTHOUSE PLAN
M125



1 HVAC - MECHANICAL PENTHOUSE PLAN
M125 1:50

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1	ISSUED FOR TENDER	SEPT 13 2016
0	ISSUED FOR BUILDING PERMIT	AUGUST 5 2016
No	DESCRIPTION	DATE

REVISIONS

client:	TOMLINSON 5597 POWER RD OTTAWA, ON K1G 3N4
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project:	TOMLINSON NEW BUILDING CITIGATE, OTTAWA
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drawing title:	MECHANICAL HVAC MECHANICAL PENTHOUSE PLAN
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scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.:	1570	drawing no.:	M125
revision:	0		

JRP ENGINEERING
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2	ISSUED FOR CONSTRUCTION	OCT 7 2016
1	ISSUED FOR TENDER	SEPT 13 2016
0	ISSUED FOR BUILDING PERMIT	AUGUST 5 2016
No	DESCRIPTION	DATE

REVISIONS

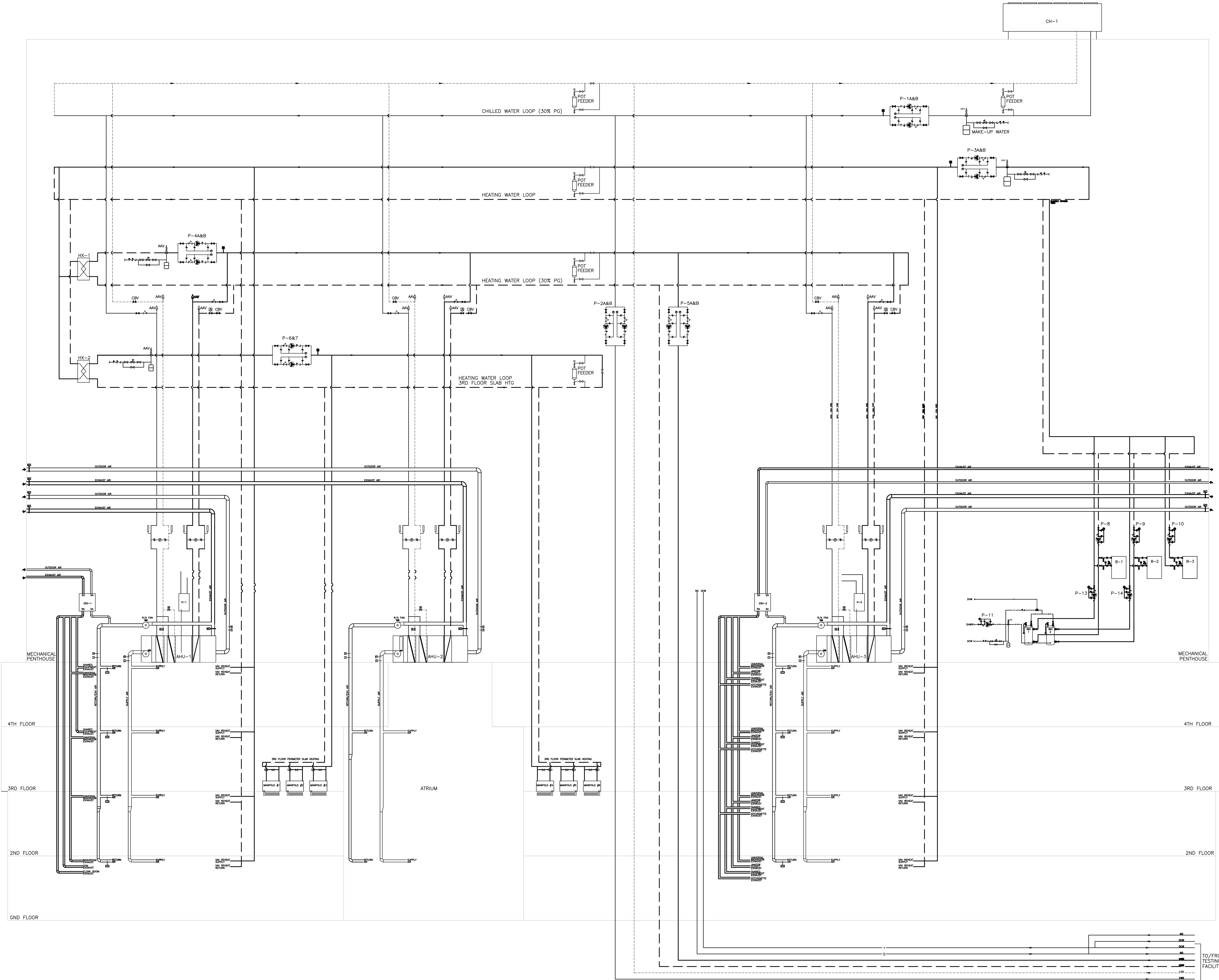
client:
TOMLINSON
5597 POWER RD
OTTAWA, ON
K1G 3N4

project:
TOMLINSON
NEW BUILDING
CITIGATE, OTTAWA

drawing title:
MECHANICAL
HVAC
SYSTEM SCHEMATIC

scale:	1:100	drawn by:	JST
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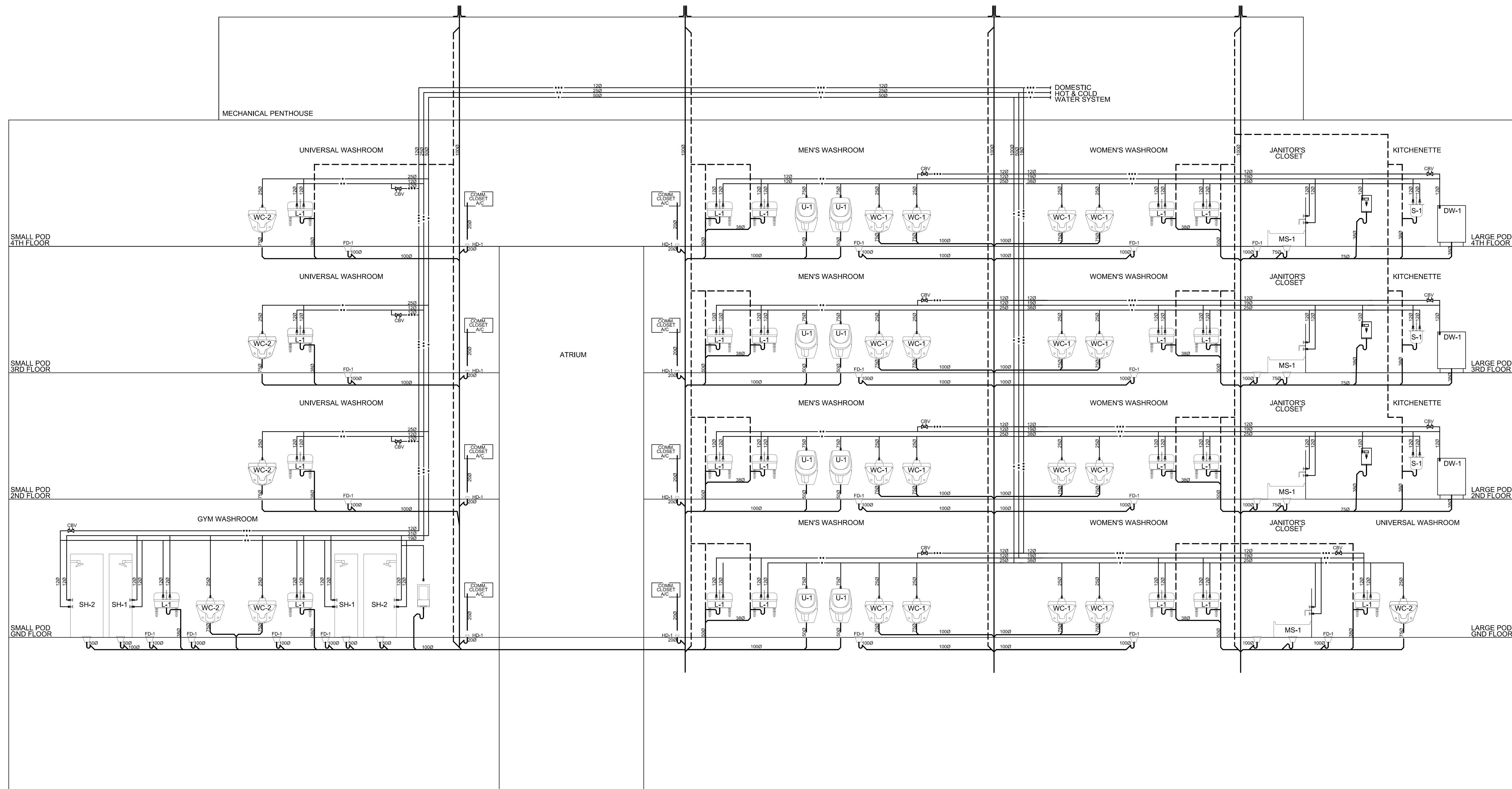
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client:	TOMLINSON 5597 POWER RD OTTAWA, ON K1G 3N4
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project:	TOMLINSON NEW BUILDING CITIGATE, OTTAWA
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drawing title:	MECHANICAL DHCW & SANITARY RISER DIAGRAM
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scale:	1:100	drawn by:	JST
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project no.:	1570	drawing no.:	M201
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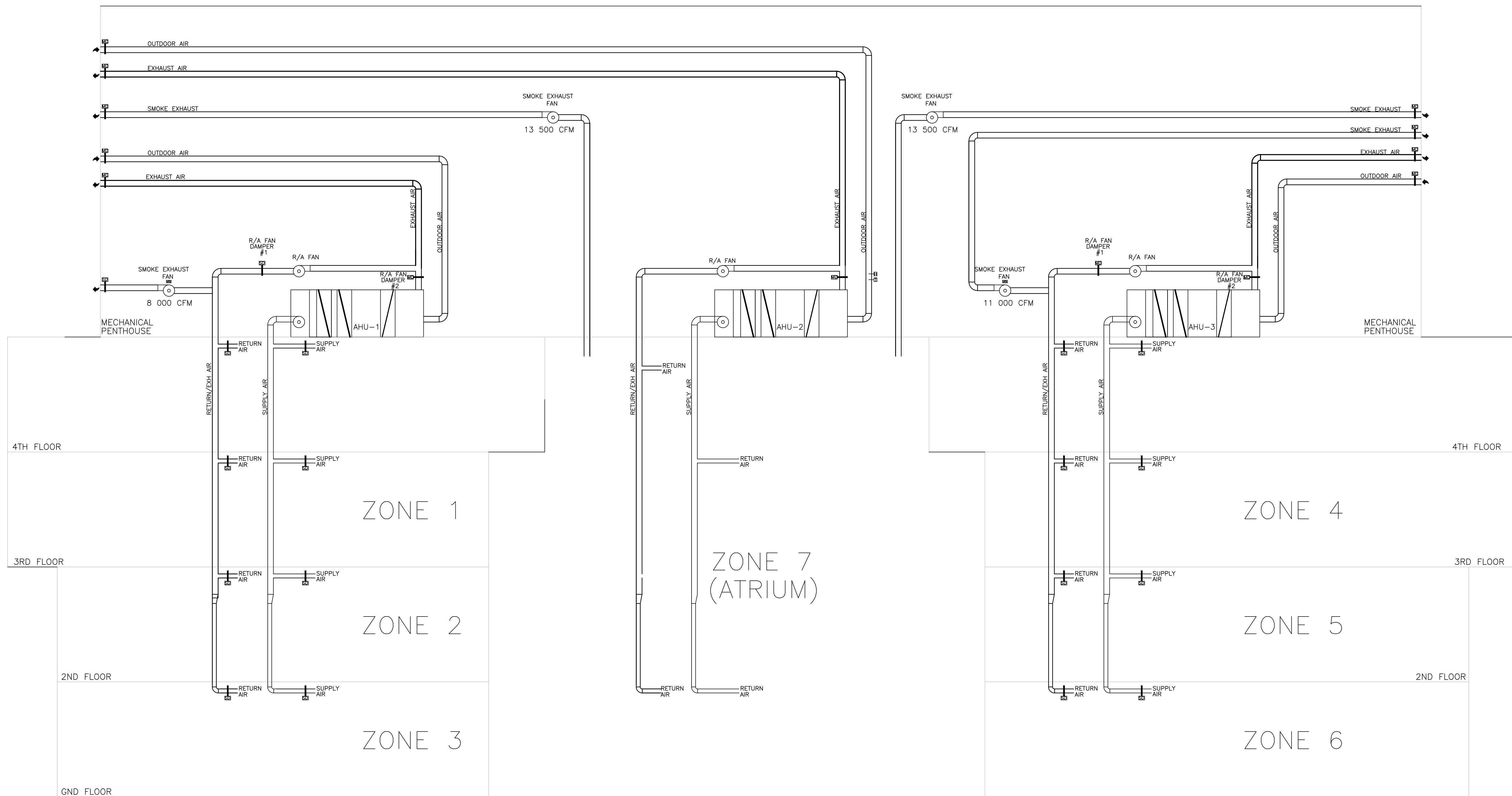
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Sequence of Operations is as follows:

- Smoke is Detected in Zone X
- Atrium Doors Open
- AHU #2 SA Fan Off
- RA Fan Off at AHU #2
- Atrium Smoke Exhaust Damper Opens
- Atrium Smoke Exhaust Fan On
- AHU SA Fan Serving Zone X Off
- RA Fan Serving Zone X Off
- Zone X RA Damper Remains Open
- Zone X SA Damper Remains Open
- Zone X VAV Dampers to Full Open
- All other RA and SA Dampers Close on floors above and below Zone X
- RA Fan Damper #1 Closes at AHU Serving Zone X
- RA Fan Damper #2 Closes at AHU Serving Zone X
- EA Damper Closes at AHU Serving Zone X
- Main OA Damper Opens 100% at AHU Serving Zone X
- Smoke Exhaust Damper Opens at AHU Serving Zone X
- Smoke Exhaust Fan On at AHU Serving Zone X
- AHU SA Fan Serving Zone X On and set to Smoke Control Speed Setpoint
- AHU SA Fan Serving Opposite Side of Atrium to Zone X Off

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REVISIONS

client:	TOMLINSON 5597 POWER RD OTTAWA, ON K1G 3N4
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project:	TOMLINSON NEW BUILDING CITIGATE, OTTAWA
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drawing title:	MECHANICAL SMOKE CONTROL SCHEMATIC & SEQUENCE OF OPERATIONS
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scale:	1:100	drawn by:	JST
designed by:	JST	reviewed by:	J.R.P.
approved by:	J.R.P.	date:	JULY 2016

project no.:	1570	drawing no.:	M202
revision:	0		

AIR HANDLING UNIT SCHEDULE

TAG	SERVICE	LOCATION	MANUFACTURER	MODEL #	DESIGN CFM	EXTERNAL STATIC PRESSURE ("WG)	FLUID TYPE	EAT (°F)	LAT (°F)	MBH	EWT (°F)	LWT (°F)	FLOW RATE (GPM)	COIL PD (FT)	FLUID TYPE	ENT WB (°F)	ENT DB (°F)	LVG WB (°F)	LVGE DB (°F)	SEN MBH	TOTAL MBH	EWT (°F)	LWT (°F)	FLOW RATE (GPM)	COIL PD (FT)	ELECTRICAL				
																										VOLTS	AMPS or HP	RPM	CONTROL	E-POWER
AHU-1	SMALL POD	MECH PH	DAIKIN	CAH04SGDGM	20000	2.00	30°PG	40	90.8	1110	140	120	115 GPM	14 FT	30% PG	67	80	53.8	54	567.7	809.4	45	55.1	167.1	19.4	575/3/60	30 HP	1011	VFD	Y
AHU-2	ATRIUM	MECH PH	DAIKIN	CAH04SGDGM	17000	2.00	30°PG	40	90.5	939	140	120	97.8	11.2	30% PG	67	80	54.1	54.3	477	674.8	45	54.9	142	9	575/3/60	30 HP	1160	VFD	Y
AHU-3	LARGE POD	MECH PH	DAIKIN	CAH04SGDGM	20000	2.00	30°PG	40	90.8	1110	140	120	115 GPM	14 FT	30% PG	67	80	53.8	54	567.7	809.4	45	55.1	167.1	19.4	575/3/60	30 HP	1011	VFD	Y
AHU-4	KITCHEN MJIA	HOLDING ROOM, GND FLR	DAIKIN	LAH004A	1800	0.80	30% PG	41.6	70.4	57.5	135	114.7	5.9	0.8	30% PG	67	78	51.6	51.8	51.5	83.4	42	54.4	13.5	9.1	230/3/60				
AHU-11	TEST FACILITY MAIN	TEST FACILITY MECH ROOM	DAIKIN	CAH01SGDGM	5000	1.50	30°PG	50	96.1	252	140	119.5	25.9	2.9	30% PG	66	79	56.4	57.4	118	149	45	55.3	30	13.8	575/3/60	7.5 HP	2276	VFD	Y
AHU-12	TEST FACILITY MJIA	TEST FACILITY CEILING SPACE	DAIKIN	CAH01SGDGM	3500	1.50	30°PG	50	94.2	169	140	120	18.1	1.81	30% PG	66	79	56.8	57.8	81.2	100.3	45	55.5	20	8.9	575/3/60	7.5	3665	VFD	Y

RETURN AIR FAN SCHEDULE

TAG	SERVICE	LOCATION	MANUFACTURER	MODEL #	FLOW (CFM)	FEG	SP ("WG)	FAN RPM	BHP	ELECTRICAL			CONTROL	E-POWER
										VOLTS	AMPS or HP	RPM		
RAF-1	RETURN AIR - AHU-1	MECH PH	COOK	270QMX	20000	80	1	1370	7.97	575/3/60	11A	1725	VFD	
RAF-2	RETURN AIR - AHU-2	MECH PH	COOK	402SQN-HP	17000	53	1.5	741	9.21	575/3/60	17A	1725	VFD	
RAF-3	RETURN AIR - AHU-3	MECH PH	COOK	270QMX	20000	80	1	1370	7.97	575/3/60	11A	1725	VFD	

SMOKE CONTROL FAN SCHEDULE

TAG	SERVICE	LOCATION	MANUFACTURER	MODEL #	FLOW (CFM)	SP ("WG)	FAN RPM	BHP	ELECTRICAL			CONTROL	E-POWER
									VOLTS	AMPS or HP	RPM		
SF-1	ATRIUM SMOKE EXH.	MECH PH EAST	PENN BARRY	VCR-BI-300	13500	0.5	864	4.36	575/3/60	5 HP	1800	FIRE ALM	
SF-2	ATRIUM SMOKE EXH. STANDBY	MECH PH WEST	PENN BARRY	VCR-BI-300	13500	0.5	864	4.36	575/3/60	5 HP	1800	FIRE ALM	
SF-3	NORTH POD SMOKE EXH.	MECH PH EAST	PENN BARRY	ESI 222	8000	0.25	1123	1.34	575/3/60	1.5 HP	-	FIRE ALM	
SF-4	SOUTH POD SMOKE EXH.	MECH PH WEST	PENN BARRY	ESI 245	11000	0.25	999	2.38	575/3/60	3 HP	-	FIRE ALM	

FAN SCHEDULE

TAG	SERVICE	LOCATION	MANUFACTURER	MODEL #	FLOW (CFM)	SP ("WG)	FAN RPM	BHP	ELECTRICAL			CONTROL	E-POWER
									VOLTS	AMPS or HP	RPM		
F-1	MAIN ELECTRICAL ROOM TRANSFER	GROUND FLOOR	PENN BARRY	Z10STDIA	500	0.25	871	0.06	115/1/60	N/A			
F-2	ELECTRICAL CLOSETS TRANSFER	7 REQUIRED THROUGHOUT	PENN BARRY	Z5HTDA	150	0.01	1167	0.01	115/1/60	N/A			
F-3	TRAINING ROOM TRANSFER	GROUND FLOOR	PENN BARRY	Z81STDIA	250	0.25	1044	0.03	115/1/60	N/A			
F-4	TRAINING ROOM TRANSFER	GROUND FLOOR	PENN BARRY	Z81STDIA	250	0.25	1044	0.03	115/1/60	N/A			
F-5	MEETING ROOM	SECOND FLOOR	PENN BARRY	Z5HTDA	100	0.25	1323	0.01	115/1/60	N/A			
F-6	MEETING ROOM	SECOND FLOOR	PENN BARRY	Z81STDIA	250	0.25	1044	0.03	115/1/60	N/A			
F-7	MEETING ROOM	THIRD FLOOR	PENN BARRY	Z5HTDA	100	0.25	1323	0.01	115/1/60	N/A			
F-8	MEETING ROOM	FOURTH FLOOR	PENN BARRY	Z5HTDA	100	0.25	1323	0.01	115/1/60	N/A			
F-9	MEETING ROOM	FOURTH FLOOR	PENN BARRY	Z5HTDA	100	0.25	1323	0.01	115/1/60	N/A			
F-10	MECHANICAL PH VENTILATION	MECH PH NORTH	PENN BARRY	P16SA	2100	0.28	1300	0.3	115/1/60	0.5 HP			
F-11	MECHANICAL PH VENTILATION	MECH PH SOUTH	PENN BARRY	P16SA	2100	0.28	1300	0.3	115/1/60	0.5 HP			
F-12	IT CLOSET TRANSFER	7 REQUIRED THROUGHOUT	PENN BARRY	Z8H	300	0.25	1299	0.04	115/1/60	N/A			
F-13	ATRIUM CEILING FAN	2 REQUIRED IN ATRIUM	CANAM	CP50 HPWP	46,000	N/A	292	-	115/1/60	0.84 A			
FT-1	TEST FACILITY	DUST COLLECTION	PLYMVENT	MDB-4F	950-2200	6.4-2.2	-	-	600/3/60	3.1 A	VFD		
FT-2	TESTING FACILITY	FUME EXHAUST	PENN BARRY	FX125BHC	600	2	1669	0.81	115/1/60	1 HP	CONTINUOUS		
FT-3	TESTING FACILITY	HEAT EXHAUST	PENN BARRY	FX128H	1000	1.5	1404	0.62	115/1/60	3/4 HP	ON/OFF		

ECOLOGY UNIT SCHEDULE

ECO-1	KITCHEN HOOD EXHAUST	KITCHEN	HALTON	EF3/B3	2225	4.35(int), 1.25(ext)	3600	3	575/3/60	5 HP			N
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ENTHALPY RECOVERY VENTILATOR SCHEDULE

TAG	SERVICE	LOCATION	MANUFACTURER	MODEL #	DESIGN CFM	FEG	EXT. SP ("WG)	ELECTRICAL			CONTROL	E-POWER
								VOLTS	AMPS or HP	RPM		
ERV-1	BUILDING EXHAUST	MECH PH	COOK	ERV-2500	2000	56	1	575/3/60	1.5 HP	1725	TBD	N
ERV-2	BUILDING EXHAUST	MECH PH	COOK	ERV-2500	2000	56	1	575/3/60	1.5 HP	1725	TBD	N

GRILLES AND DIFFUSERS SCHEDULE

TAG	SERVICE	MANUFACTURER	MODEL #	TYPE
A	OFFICE SUPPLY AIR (EXTERIOR)	NAD-KLIMA	SAL 35	LINEAR DIFFUSER
B	OFFICE SUPPLY AIR (INTERIOR)	NAD-KLIMA	DAL 358	SWIRL DIFFUSER (ROUND PLENUM)
C	ATRIUM SUPPLY AIR (NORTH/SOUTH)	NAD-KLIMA	SAL	LINEAR DIFFUSER
D	ATRIUM SUPPLY AIR (EAST/WEST GLAZING)	EH PRICE	SDG OR EQUIVALENT	SPIRAL DUCT GRILLE
E	OFFICE RETURN AIR	TBD	TBD	SS MESH
F	ATRIUM RETURN AIR	TBD	TBD	SS MESH
G	W/C & JAN. CLOSET EXHAUST	EH PRICE	LG	EGG CRATE RETURN, 25mm FRAME, STEEL, WHITE POWDER COATED
H	ROOM SUPPLY & EXHAUST	EH PRICE	LG	EGG CRATE RETURN, 25mm FRAME, STEEL, WHITE POWDER COATED
I	NOT USED	NOT USED	NOT USED	
J	TEST FACILITY SUPPLY	EH PRICE	KCO	ROUND NECK, ROUND CONE, SPUN ALUMINUM

GROUND FLOOR VAV SCHEDULE

TAG	MIN. CFM	MAX. CFM	MBH @ MAX. CFM	GPM @ MAX. CFM
I-1	419	1395	53.0	5.3
I-2	420	1400		
I-3	405	1350		
I-4	192	640	24.3	2.4
I-5	60	200	7.6	0.8
I-6	45	150	5.7	0.6
I-7	129	430		
I-8	167	555	21.1	2.1
I-9	108	360	13.7	1.4
I-10	300	1000		
I-11	68	225		
I-12	176	585		
I-13	216	720	27.3	2.7
I-14	342	1140		
I-15	90	300		
I-16	228	760	28.9	2.9
I-17	342	1140	43.3	4.3
I-18	180	600	22.8	2.3

SECOND FLOOR VAV SCHEDULE

TAG	MIN. CFM	MAX. CFM	MBH @ MAX. CFM	GPM @ MAX. CFM
2-1	111	370	14.1	1.4
2-2	111	370	14.1	1.4
2-3	120	400	15.2	1.5
2-4	69	230		
2-5	60	200	7.6	0.8
2-6	138	460		
2-7	120	400	15.2	1.5
2-8	120	400	15.2	1.5
2-9	138	460		
2-10	162	540	20.5	2.1
2-11	185	615	23.4	2.3
2-12	90	300	11.4	1.1
2-13	135	450	17.1	1.7
2-14	167	555	21.1	2.1
2-15	324	1080		
2-16	240	800	30.4	3.0
2-17	77	255		
2-18	51	170		
2-19	324	1080		
2-20	41	135		
2-21	228	760	28.9	2.9
2-22	228	760		
2-23	167	555	21.1	2.1

THIRD FLOOR VAV SCHEDULE

TAG	MIN. CFM	MAX. CFM	MBH @ MAX. CFM	GPM @ MAX. CFM
3-1	228	760	28.9	2.9
3-2	113	375	14.2	1.4
3-3	111	370		
3-4	167	555		
3-5	110	365		
3-6	84	280		
3-7	68	225		
3-8	111	370		
3-9	111	370		
3-10	150	500	19.0	1.9
3-11	342	1140	43.3	4.3
3-12	168	560	21.3	2.1
3-13	168	560	21.3	2.1
3-14	162	540	20.5	2.1
3-15	288	960		
3-16	77	255		
3-17	135	450		
3-18	216	720		
3-19	168	560	21.3	2.1
3-20	56	185		
3-21	228	760		
3-22	252	840	31.9	3.2
3-23	252	840	31.9	3.2
3-24	216	720	27.3	2.7

FOURTH FLOOR VAV SCHEDULE

TAG	MIN. CFM	MAX. CFM	MBH @ MAX. CFM	GPM @ MAX. CFM
4-1	180	600	22.8	2.3
4-2	180	600	22.8	2.3
4-3	113	375	14.2	1.4
4-4	189	630		
4-5	77	255		
4-6	51	170		
4-7	126	420		
4-8	51	170		
4-9	87	290		
4-10	84	280		
4-11	51	170		
4-12	84	280		
4-13	189	630		
4-14	126	420		
4-15	150	500	19.0	1.9
4-16	270	900	34.2	3.4
4-17	270	900	34.2	3.4
4-18	168	560	21.3	2.1
4-19	168	560	21.3	2.1
4-20	162	540	20.5	2.1
4-21	342	1140		
4-22	81	270		
4-23	93	310		
4-24	83	275		
4-25	84	280		
4-26	77	255		
4-27	342	1140		
4-28	252	840	31.9	3.2
4-29	252	840	31.9	3.2
4-30	216	720	27.3	2.7

AIR CONDITIONING UNIT SCHEDULE

TAG	DESCRIPTION	SERVICE	LOCATION	MANUFACTURER	MODEL #	TOTAL MBH	VOLTS	AMPS or HP	CONTROL	E-POWER
A/C E-1	A/C EVAPORATOR (INDOOR)	ELEVATOR CONTROL ROOM	MECH. PH	MTSUBISHI	PKA-A12HA	12	208/1/60	1A	T-STAT	Y
A/C C-1	A/C CONDENSER (OUTDOOR)	ELEVATOR CONTROL ROOM	ROOF TOP	MTSUBISHI	PVU-A12NHA3	12	208/1/60	13A	T-STAT	Y
A/C E-2	A/C EVAPORATOR (INDOOR)	SERVER ROOM	4TH FLR. SERVER ROOM	MTSUBISHI	PKA-A36KA	34.2	208/1/60	1A	T-STAT	Y
A/C C-2	A/C CONDENSER (OUTDOOR)	SERVER ROOM	ROOF TOP	MTSUBISHI	PVU-A36NHA3	34.2	208/1/60	25A	T-STAT	Y
A/C E-3	A/C EVAPORATOR (INDOOR)	SERVER ROOM	4TH FLR. SERVER ROOM	MTSUBISHI	PKA-A36KA	34.2	208/1/60	1A	T-STAT	Y
A/C C-3	A/C CONDENSER (OUTDOOR)	SERVER ROOM	ROOF TOP	MTSUBISHI	PVU-A36NHA3	34.2	208/1/60	25A	T-STAT	Y