

GENERAL NOTES

1. CONTRACTOR TO FIELD LOCATE ALL EXISTING SERVICES THAT ARE REQUIRED FOR THIS PROJECT.
2. ALL MECHANICAL SERVICES HAVE NOT BEEN SHOWN FOR CLARITY.
3. PROVIDE VENTING TO ALL FIXTURES ACCORDING TO OBC AND LOCAL JURISDICTIONAL CODES. CONNECT TO NEAREST PLUMBING VENT MAIN. CONTRACTOR TO CONFIRM ON SITE.
4. PROVIDE SHUTOFF VALVES ON ALL SERVICES TO FIXTURES.
5. GENERAL CONTRACTOR TO SCAN AND CORE FOR NEW PLUMBING LINES THROUGH FLOORS AS REQUIRED. COORDINATE WITH FACILITIES AND ALL DISCIPLINES.
6. COORDINATE ALL SHUT DOWN WITH FACILITIES. ADHERE TO HOSPITAL SHUT DOWN NOTICE AND PROCEDURES PRIOR TO MEDICAL GAS SHUT DOWN.

DEMOLITION NOTES:

1. DEMOLISH ALL EXISTING PLUMBING FIXTURES IN EXISTING WASHROOM. CUT BACK EXISTING PLUMBING SERVICES AT MAIN. PREPARE EXISTING SERVICES FOR RECONNECTION AS REQUIRED. EXISTING FLOOR DRAIN TO BE CAP OFF BELOW FLOOR. ALL EXISTING PIPING INCLUDING ABANDONED PIPING TO BE CUT BACK BEHIND FINISHED SURFACES AND CAPPED.
2. DEMOLISH EXISTING SHOWER, MIXING VALVE AND FLOOR DRAINS. CUT BACK AND CAP OFF EXISTING SERVICES BEHIND FINISHED SURFACES/ BELOW FLOOR. EXISTING SINK AND WATER CLOSET TO REMAIN.
3. REMOVE EXISTING SINK AND CUT BACK EXISTING SERVICES. PREPARE EXISTING SERVICES FOR RECONNECTION. RETURN EXISTING FIXTURES TO OWNER.
4. DEMOLISH EXISTING SINK AND EYE WASH. CAP BACK EXISTING PLUMBING SERVICES AT MAIN BEHIND FINISHED SURFACE / BELOW FLOOR.
5. EXISTING FIRE HOSE CABINET TO REMAIN. EXISTING GLASS DOOR TO BE REPLACED WITH LOCKABLE METAL.
6. DEMOLISH EXISTING MEDICAL GAS OUTLETS. CUT BACK AND CAP OFF EXISTING GAS PIPING AT MAIN.
7. EXISTING MEDICAL GAS OUTLET / PLUMBING FIXTURES / EQUIPMENT TO REMAIN.
8. DEMOLISH EXISTING MEDICAL GAS OUTLET. PREPARE EXISTING MEDICAL GAS PIPING FOR RECONNECTION TO NEW HEAD WALL. PROVIDE SEPARATE PRICING.
9. DISCONNECT EXISTING MEDICAL GAS PIPING AND PREPARE PIPING FOR RECONNECTION TO NEW MEDICAL GAS ZCV WITH ALARM PANEL. REFER TO DETAIL 8/M301. PROVIDE SEPARATE PRICING.



250 ROWNTREE DAIRY RD, WOODBRIDGE, ON  
TEL: 905-507-0800  
WEB: WWW.QUASARG.COM

C& Partners Architects Inc.

720 Bathurst st. Toronto, ON M5R 2S4  
T 416-825-7910  
E info@candpartnersinc.com  
W www.candpartnersinc.com

STAMP

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	2025-06-25
2	RE-ISSUED FOR PERMIT	2025-09-12
3	ISSUED FOR TENDER	2025-09-19
4	ISSUED FOR ADDENDUM M01	2026-05-14

HRH Behavioural Unit

2111 Finch Ave W., North York, ON  
M3N 1N1

MECHANICAL PLUMBING  
AND MEDICAL GAS PLAN -  
DEMOLITION

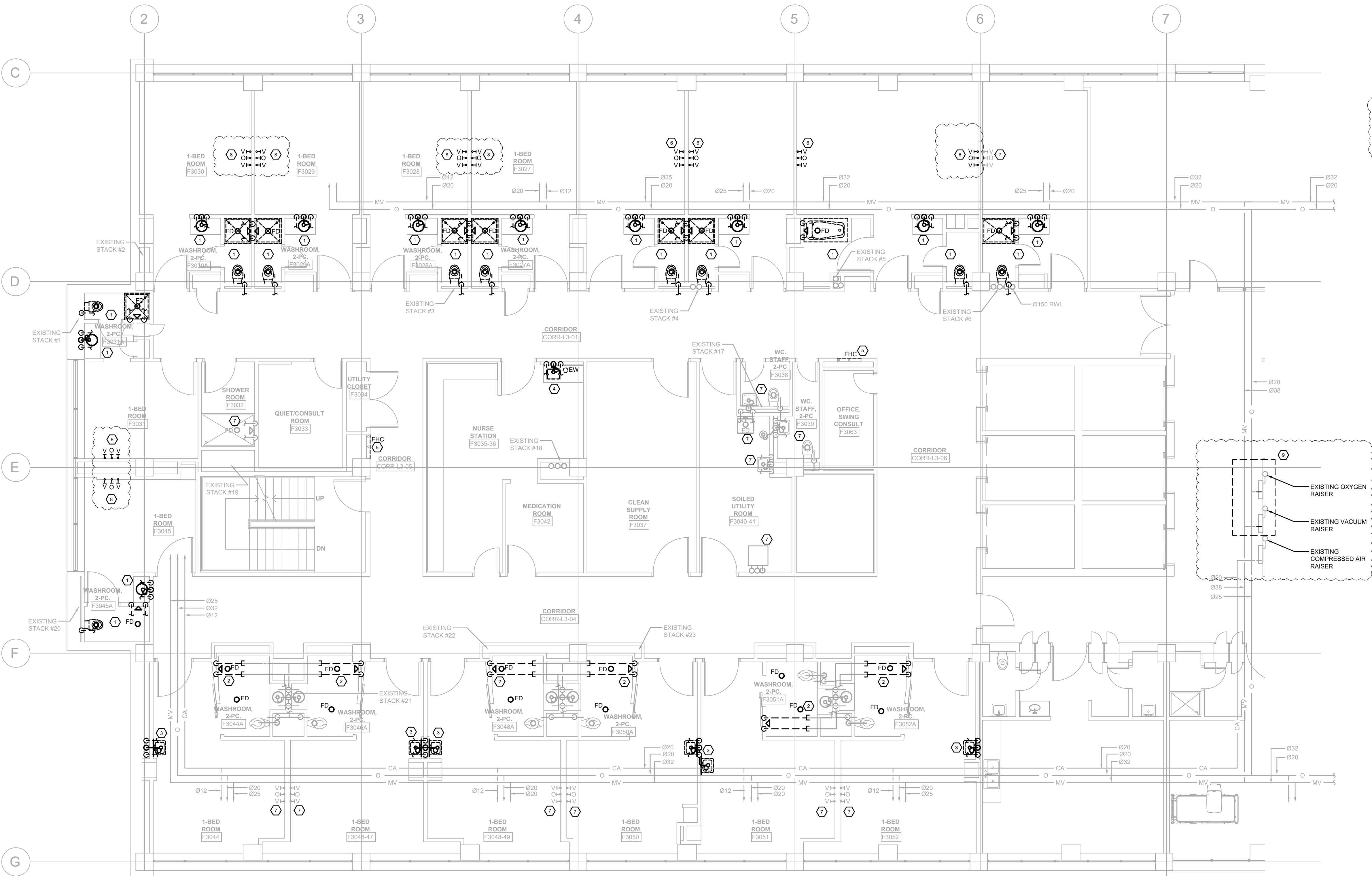
PROJECT NUMBER: HC-25-054

DATE: MAY 30, 2025

SCALE: As indicated

SHEET NUMBER:

M101





GENERAL NOTES

1. CONTRACTOR TO FIELD LOCATE ALL EXISTING SERVICES THAT ARE REQUIRED FOR THIS PROJECT.
2. ALL MECHANICAL SERVICES HAVE NOT BEEN SHOWN FOR CLARITY.
3. PROVIDE VENTING TO ALL FIXTURES ACCORDING TO OBC AND LOCAL JURISDICTIONAL CODES. CONNECT TO NEAREST PLUMBING VENT MAIN. CONTRACTOR TO CONFIRM ON SITE.
4. PROVIDE SHUTOFF VALVES ON ALL SERVICES TO FIXTURES.
5. GENERAL CONTRACTOR TO SCAN AND CORE FOR NEW PLUMBING LINES THROUGH FLOORS AS REQUIRED. COORDINATE WITH FACILITIES AND ALL DISCIPLINES.
6. COORDINATE ALL SHUT DOWN WITH FACILITIES. ADHERE TO HOSPITAL SHUT DOWN NOTICE AND PROCEDURES PRIOR TO MEDICAL GAS SHUT DOWN.
7. INSULATE ALL EXISTING DOMESTIC PIPING WITH MISSING OR BROKEN INSULATION WITHIN AREA OF SCOPE TO PROJECT STANDARDS. (APPLIES TO ALL AREA OF SCOPE ON DRAWING)

NEW WORK NOTES:

1. INSTALL NEW PLUMBING FIXTURE IN WASHROOM. RECONNECT EXISTING NEW PLUMBING SERVICES C/W VENTING TO EXISTING. MODIFY AND EXTEND EXISTING PLUMBING SERVICES AS REQUIRED TO MAKE FULL CONNECTION.  
- 1"IPAC - Ø12 DCW, Ø12 DHW, Ø38 SAN  
- L-1" - Ø12 DCW, Ø12 DHW, Ø38 SAN  
- WC-1 - Ø25 DCW, Ø75 SAN
2. CONNECT NEW Ø12 DCW, Ø12 DHW AND Ø38 SAN C/W VENTING TO NEW 'S-1'. MODIFY AND EXTEND EXISTING PLUMBING SERVICES REQUIRED TO MAKE FULL CONNECTION. Ø38 SANITARY LINE DOWN TO FLOOR BELOW. CONNECT TO NEAREST SANITARY MAIN. CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE.
3. CONNECT NEW Ø12 DCW, Ø12 DHW AND Ø38 SAN C/W VENTING TO NEW 'IPAC'. MODIFY AND EXTEND EXISTING PLUMBING SERVICES REQUIRED TO MAKE FULL CONNECTION.
4. CONNECT NEW Ø38 SANITARY LINE TO EXISTING IN THIS AREA ON FLOOR BELOW AND NEW Ø12 DCW AND Ø12 DHW IN CEILING SPACE. CONTRACTOR TO CONFIRM EXACT LOCATION.
5. CONNECT NEW Ø12 DCW AND Ø12 DHW, TO EXISTING IN THIS AREA IN CEILING SPACE. CONTRACTOR TO CONFIRM EXACT LOCATION.
6. REPLACE CABINET GLASS DOOR WITH LOCKABLE METAL COVER.
7. Ø38 (DN) TO FLOOR BELOW. CONNECT NEW SANITARY LINE TO NEAREST EXISTING MAIN. CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE.
8. INSTALL NEW MEDICAL GAS HEADWALL. CONNECT NEW MEDICAL GAS OUTLET TO EXISTING MEDICAL PIPING. MODIFY AND EXTEND EXISTING PIPING AS REQUIRED TO MAKE FULL CONNECTION. PROVIDE SEPARATE PRICING.
9. INSTALL NEW MEDICAL GAS ZCV WITH ALARM PANEL AND RECONNECT EXISTING PIPING TO NEW ZCV/AP. MODIFY AND EXTEND EXISTING PIPING AS REQUIRED TO MAKE FULL CONNECTION. COORDINATE SHUT DOWN WITH FACILITY. REFER TO DETAIL 6M301. PROVIDE SEPARATE PRICING.



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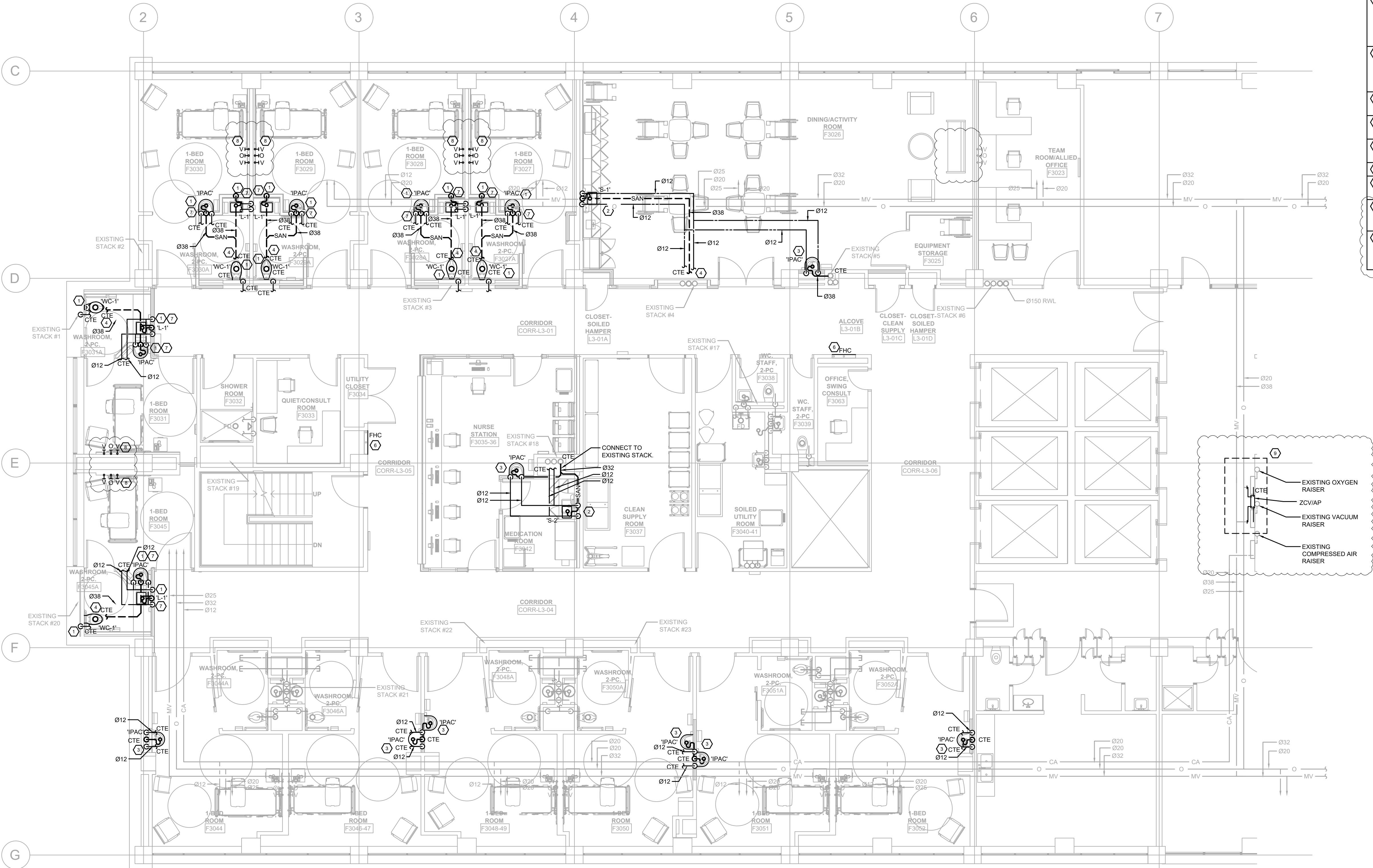
HRH Behavioural Unit

2111 Finch Ave W., North York, ON  
M3N 1N1

MECHANICAL PLUMBING  
AND MEDICAL GAS PLAN -  
NEW WORK

PROJECT NUMBER:	HC-25-054
DATE:	MAY 30 , 2025
SCALE:	As indicated
SHEET NUMBER:	

M102





GENERAL NOTES

1. CONTRACTOR TO FIELD LOCATE ALL EXISTING SERVICES THAT ARE REQUIRED FOR THIS PROJECT.
2. ALL MECHANICAL SERVICES HAVE NOT BEEN SHOWN FOR CLARITY.
3. CLEAN AND VACUUM ALL EXISTING GRILLES IN AREA OF WORK
4. ALL AIR FLOWS IN L/s
5. PROVIDE BALANCING DAMPERS IN DUCTWORK WHERE REQUIRED FOR AIR BALANCING
6. COORDINATE ALL SHUTDOWNS FOR SPRINKLER AND FIRE LINES WITH FACILITIES PRIOR TO ANY WORK BEING COMPLETED.

DEMOLITION NOTES:

1. DEMOLISH EXISTING DIFFUSER, GRILLE, CUTBACK / CAP EXISTING DUCTWORK AT MAIN. PREPARE EXISTING DUCTWORK FOR RECONNECTION AS REQUIRED.
2. RELOCATE EXISTING THERMOSTAT.
3. EXISTING THERMOSTAT TO REMAIN.
4. DEMOLISH EXISTING INDUCTION UNIT ENCLOSURE.
5. DEMOLISH EXISTING DUCTWORK. PREPARE EXISTING DUCTWORK FOR RECONNECTION.



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MECHANICAL HVAC PLAN -  
DEMOLITION

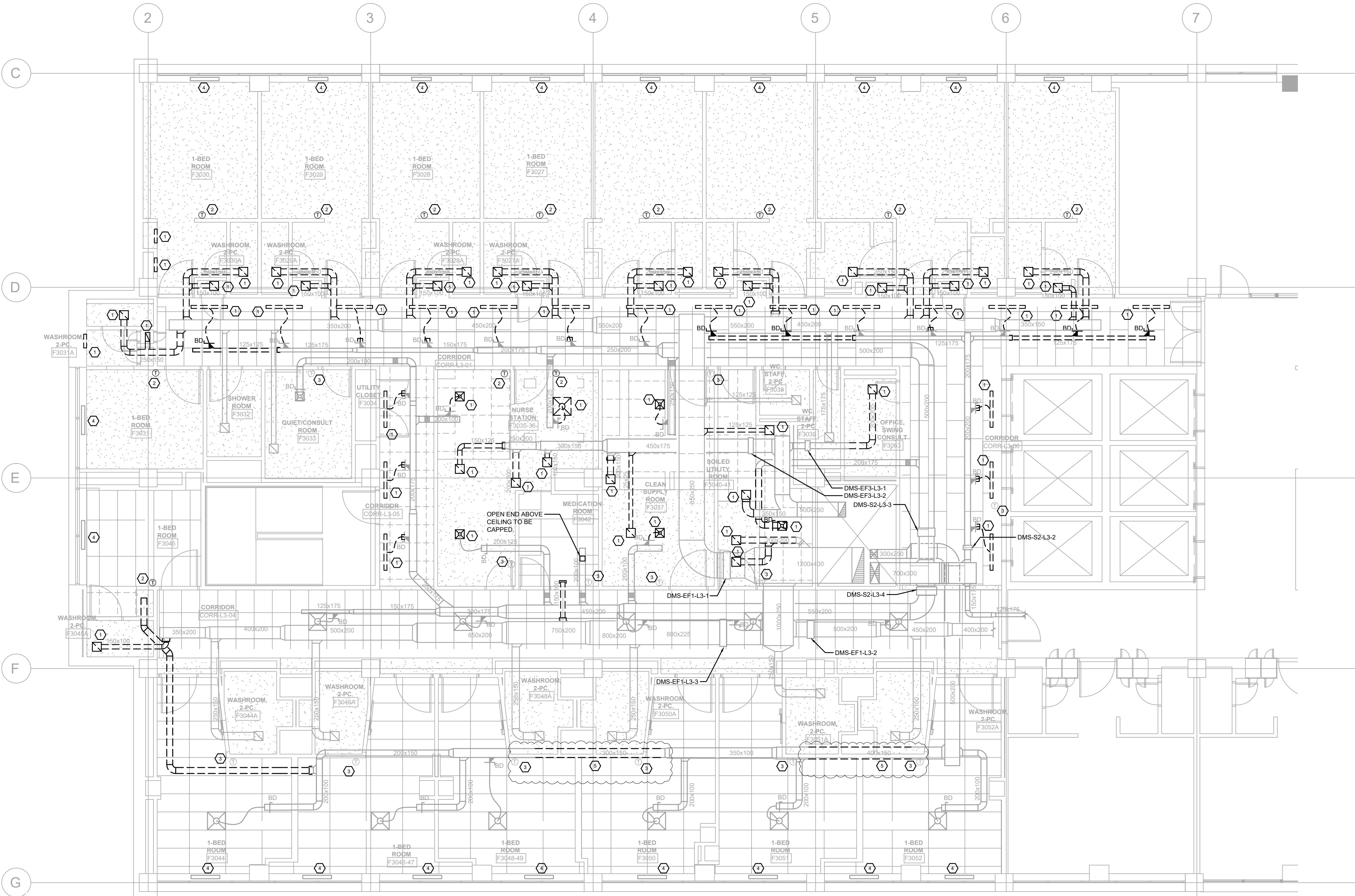
PROJECT NUMBER: HC-25-054

DATE: MAY 30 , 2025

SCALE: As indicated

SHEET NUMBER:

M201



1 MECHANICAL HVAC PLAN - DEMOLITION  
SCALE: 1:75



GENERAL NOTES

1. CONTRACTOR TO FIELD LOCATE ALL EXISTING SERVICES THAT ARE REQUIRED FOR THIS PROJECT.
2. ALL MECHANICAL SERVICES HAVE NOT BEEN SHOWN FOR CLARITY.
3. CLEAN AND VACUUM ALL EXISTING GRILLES IN AREA OF WORK
4. ALL AIR FLOWS IN L/s
5. PROVIDE BALANCING DAMPERS IN DUCTWORK WHERE REQUIRED FOR AIR BALANCING
6. COORDINATE ALL SHUTDOWNS FOR SPRINKLER AND FIRE LINES WITH FACILITIES PRIOR TO ANY WORK BEING COMPLETED.
7. INSULATE ALL EXISTING DUCTWORK WITH MISSING OR BROKEN INSULATION WITHIN AREA OF SCOPE TO PROJECT STANDARDS. (APPLIES TO ALL AREA OF SCOPE ON DRAWING)

NEW WORK NOTES:

1. INSTALL NEW DIFFUSERS / GRILLES. CONNECT TO EXISTING DUCTWORK. MODIFY AND EXTEND EXISTING DUCTWORK AS REQUIRED TO MAKE FULL CONNECTION
2. RELOCATE EXISTING THERMOSTAT. PROVIDE ADDITION CONTROL TUBING AS REQUIRED TO MAKE FULL CONNECTION C/W TAMPER PROOF COVERS.
3. INSTALL NEW COMBINATION DAMPER C/W SMOKE DETECTOR ON EXISTING DUCTWORK AS REQUIRED TO SUIT NEW FIRE RATED WALL. CONTRACTOR TO CONFIRM EXACT SIZE PIOR TO ORDERING.
4. REBALANCE EXISTING DIFFUSERS / GRILLES / INDUCTION UNIT TO AIR FLOW SHOWN. INSTALL NEW BALANCING DAMPER ON EXISTING DUCTWORK AS REQUIRED FOR BALANCING.
5. NEW TEMPER PROOF COVER TO BE INSTALL ON EXISTING THERMOSTAT.
6. INSTALL NEW ELECTRIC REHEAT COIL C/W THERMOSTAT WITH TEMPER PROOF COVER.



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MECHANICAL HVAC PLAN -  
NEW WORK

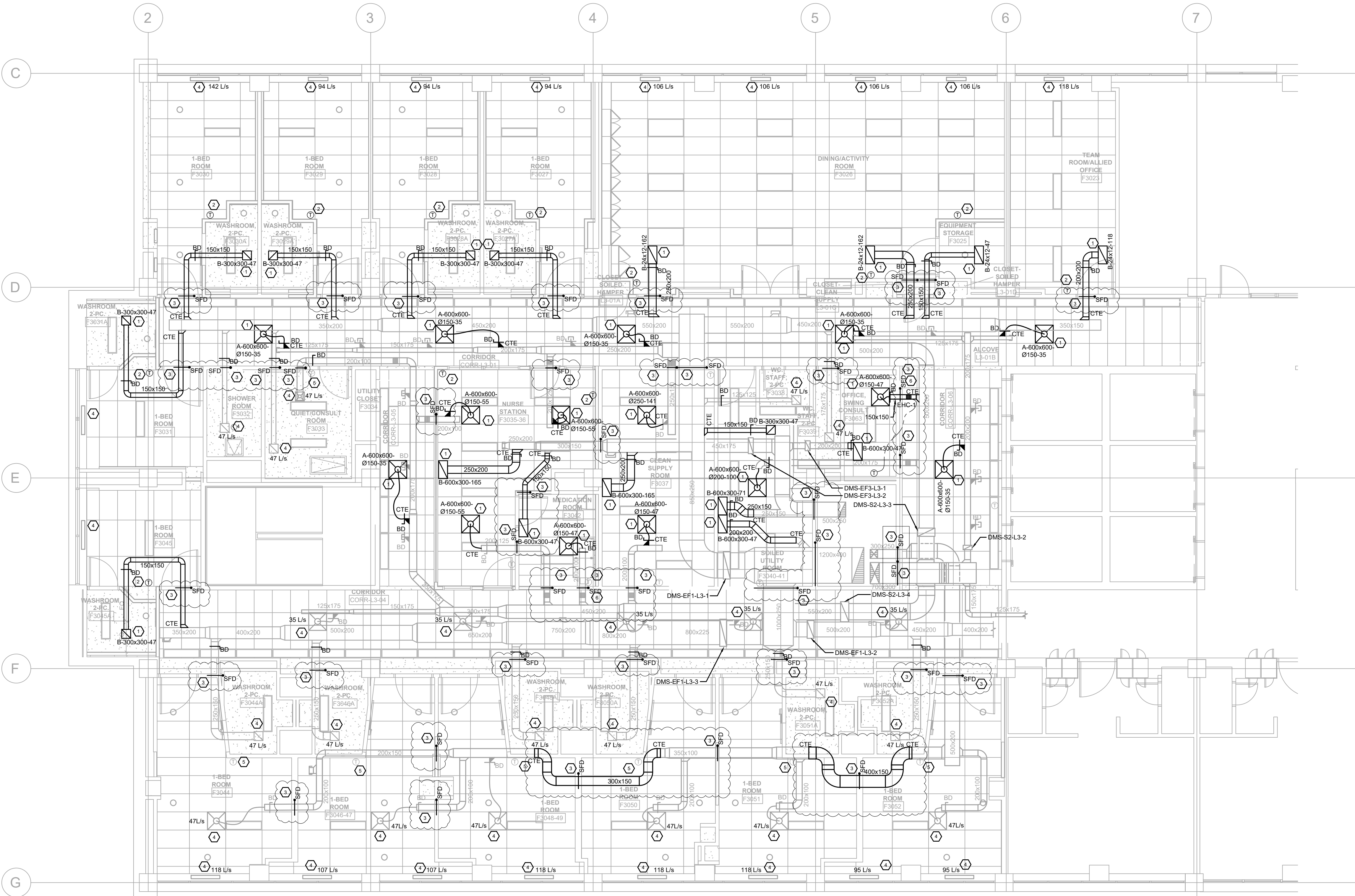
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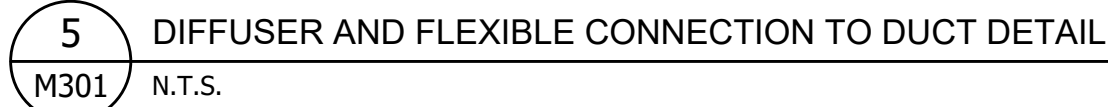
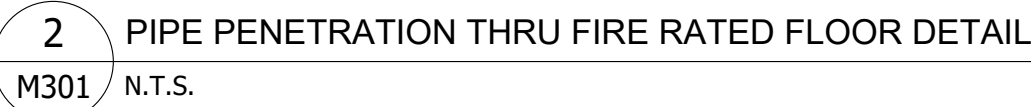
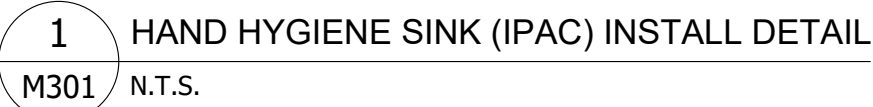
SCALE: As indicated

SHEET NUMBER:

M202



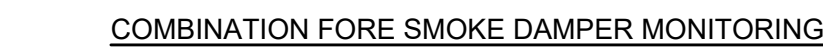




HEATING COIL SCHEDULE								
AIR SIDE						ELECTRICAL		COIL SPECIFICATION
REF.	MODEL NUMBER	AIR FLOW (L/s)	PRESS DROP (Pa)	ENT db (°C)	LVG db (°C)	HEATING CAPACITY (kW)	V/PH/Hz	REMARKS
EHC-1	CARNES	47	-	13	27	1	120/1/60	IN DUCT MODULATING ELECTRIC HEATING COIL

NOTE:

1. PROVIDE TRANSFORMERS FOR ELECTRONIC CONTROL VALVE ON HEATING COIL AS REQUIRED. COORDINATE WITH ELECTRICAL.
2. OTHER ACCEPTABLE: DAVIN, TUTIS
3. PROVIDE ALL ACCESSORIES AND FITTING REQUIRED FOR FULL INSTALLATION.



APPLICATION:  
1. ALL FIRE SMOKE DAMPERS. REFER TO VENTILATION FLOOR PLANS.

### MONITORING AND ALARMS:

1. MONITOR OPEN AND CLOSED CONTACTS AT EACH SMOKE DAMPER AND COMBINATION FIRE SMOKE DAMPER.
2. ALARM AT BAS IF STATUS OF ANY DAMPER IS CLOSED.

GENERAL CONTROLS NOTES:

1. PROVIDE A GRAPHICS PAGE WHICH INCLUDES A FLOOR PLAN THAT INDICATES THE LOCATION OF EACH SMOKE DAMPER.
2. THE STATUS OF EACH DAMPER SHOULD BE REPRESENTED WITH A GREEN DOT FOR OPEN AND RED DOT FOR CLOSED.
3. PROVIDE A GRAPHICS PAGE FOR EACH FLOOR WITH SMOKE DAMPERS.

