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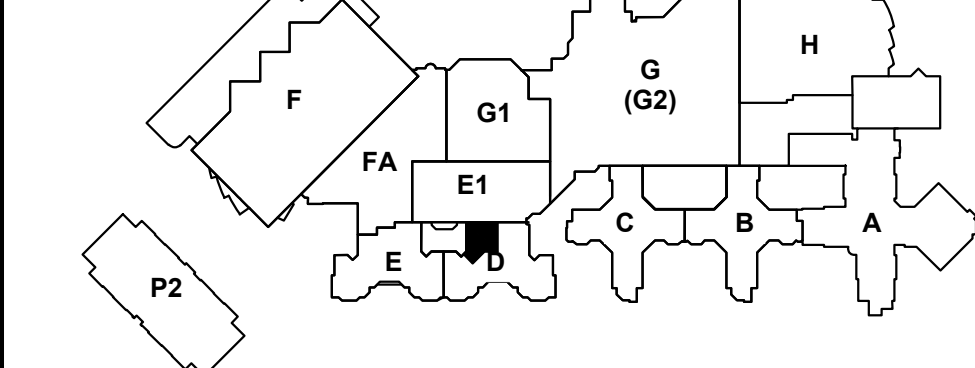
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Keyplan



Notes

Revision	By	Appd.	YY.MM.DD
ISSUED FOR TENDER			24.05.31
ISSUED FOR 90% CD			24.05.10
Issued	By	Appd.	YY.MM.DD
File Name:			
	Dwn.	Chkd.	Dsgn.
			YY.MM.DD

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Client/Project

TRILLIUM HEALTH PARTNERS
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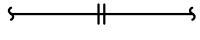
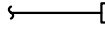
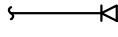
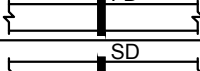
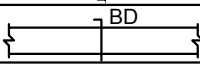





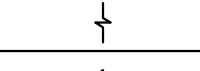




2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION

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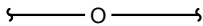

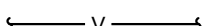

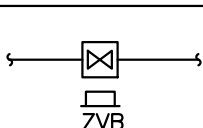
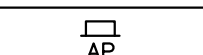
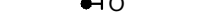

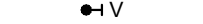
Title	DRAWING LIST, SYMBOL LEGEND, GENERAL NOTES
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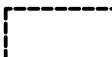

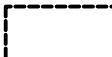
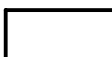
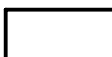
Project No. CA0016106.5411	Scale NTS
Drawing No.	Sheet Revision

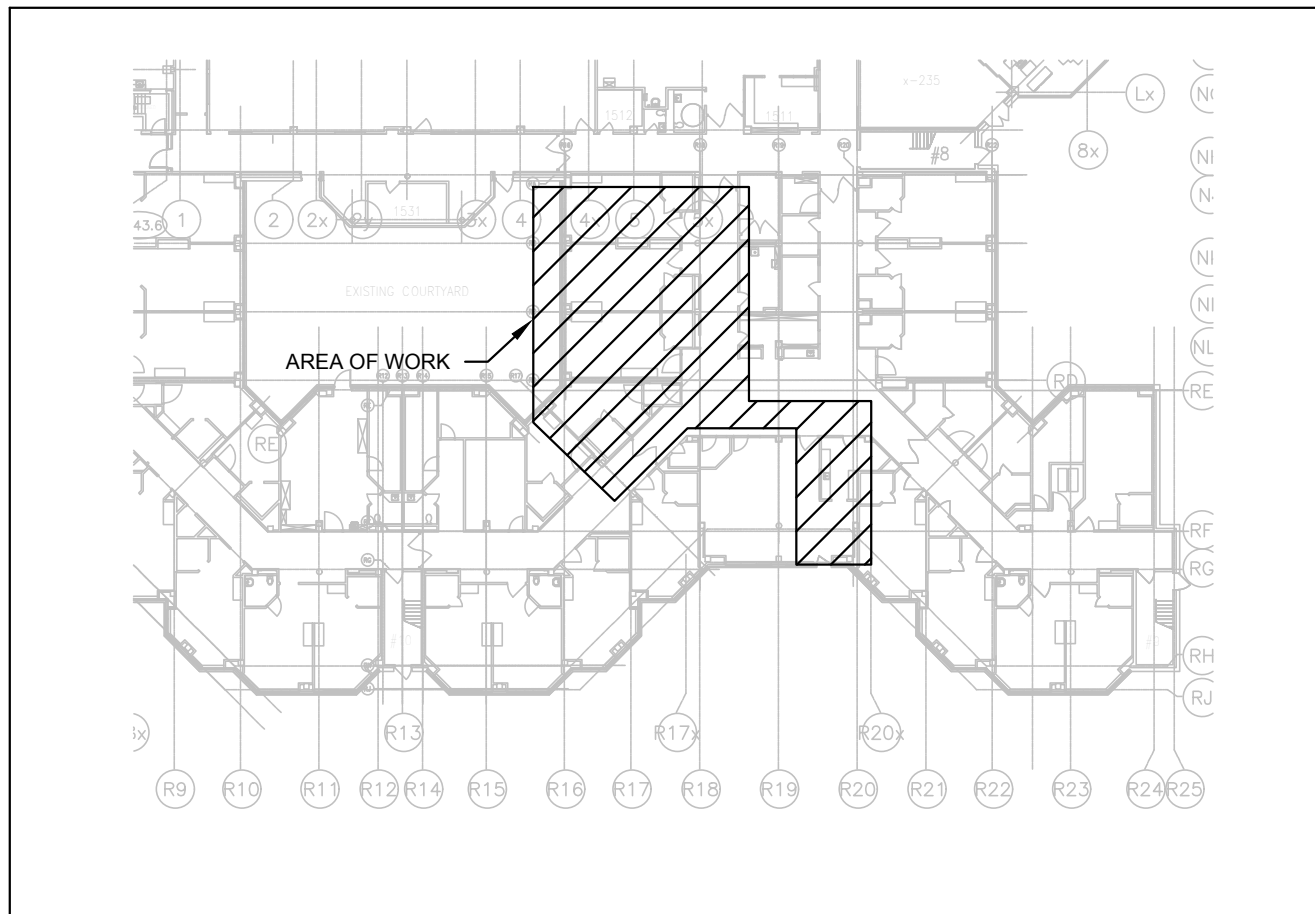
M-000 1 of 11

	FLANGE CONNECTION
	QUICK CONNECTOR
	PLUG
	FIRE DAMPER
	SMOKE DAMPER
	BALANCING DAMPER (VOLUME)
	ROUND DUCT TAKE-OFF FROM RECTANGULAR DUCT
	ROUND DUCT TAKE-OFF FROM ROUND DUCT
	RECTANGULAR DUCT TAKE-OFF FROM RECTANGULAR DUCT
	RECTANGULAR DUCT TAKE-OFF FROM RECTANGULAR DUCT
	RECTANGULAR DUCT TAKE-OFF
	AIRFLOW / PIPE FLOW DIRECTION
	DUCT BREAK LINE
	SINGLE LINE DUCT / PIPE BREAK
	DOUBLE LINE DUCT / PIPE BREAK

MED GAS SYMBOLS

SYMBOL	DESCRIPTION
	OXYGEN LINE
	MEDICAL AIR LINE
	SUCTION LINE
	ALARM SENSING POINT
	ZONE VALVE & BOX
	LOCAL EMERGENCY ALARM PANEL
	OXYGEN OUTLET
	MEDICAL AIR OUTLET
	MEDICAL VACUUM OUTLET

GENERAL SYMBOLS	
	ITEM(S) TO BE REMOVED
	EXISTING ITEM(S) TO REMAIN
 R	ITEM(S) TO BE RELOCATED
 R	ITEM(S) RELOCATED
	NEW ITEM(S)



GENERAL NOTES:

THIS PROJECT SHALL BE COMPLETED IN PHASES. CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR PHASING SCHEDULE, AND COORDINATE PHASING OF WORK SUCH THAT ALL MECHANICAL SYSTEMS WITHIN THE PROJECT AREA OUTSIDE OF THE CURRENT PHASE WILL REMAIN IN OPERATION. CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND THE HOSPITAL FOR ALL POTENTIAL INTERRUPTIONS TO EXISTING SERVICES DURING ALL PHASES.

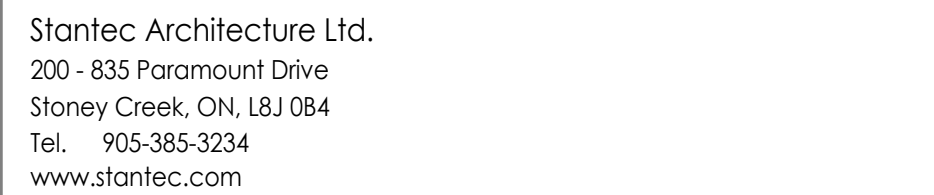
2. THE GENERAL NOTES BELOW ARE TO BE READ IN CONJUNCTION WITH ALL DRAWINGS IN THIS PACKAGE. REFER TO DRAWING LIST.
3. ALL EXISTING SERVICES SHOWN ARE APPROXIMATE AND BASED ON EXISTING RECORD DRAWINGS & VISUAL SITE SURVEY. CONTRACTOR SHALL VERIFY ALL CONNECTIONS, SIZES AND LOCATION ON SITE AND REPORT ANY DISCREPANCY TO THE CONSULTANT FOR RESOLUTION.
4. ANY SERVICES THAT MAY NOT BE SHOWN ON THE DRAWING THAT ARE EXPOSED DURING DEMOLITION/CONSTRUCTION SHALL BE VERIFIED BY THE CONTRACTOR TO THE SOURCE AND ROUTING AND SHALL BE REPORTED TO THE CONSULTANT WITH PROPOSED SOLUTIONS REQUIRED FOR THE SERVICE THAT HAS BEEN EXPOSED AT NO EXTRA COST TO THE CONTRACTOR. CONTRACTOR SHALL VERIFY THAT ANY AND ALL EXISTING SERVICES BEING REMOVED ONLY SERVE THIS AREA AND DO NOT SERVE ANY OTHER AREAS THAT ARE REQUIRED TO BE KEPT IN OPERATION.
5. PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL COORDINATE WITH THE OWNER THE DATE AND PERIOD OF TIME REQUIRED FOR DISCONNECTING AND MAKING NEW CONNECTIONS TO EXISTING SERVICES, IN ORDER TO KEEP INTERRUPTIONS TO FACILITY'S DAILY OPERATIONS AS MINIMAL AS POSSIBLE.
6. WORK SHALL BE PROPERLY PHASED AND SCHEDULED TO MAINTAIN THE EXISTING BUILDING OPERATION BASED ON THE ARCHITECTURAL PHASING PLAN. ALLOW ALL COST TO PROVIDE TEMPORARY ARRANGEMENTS AS REQUIRED.

THE ROUTING OF SERVICES INDICATED IN THE DRAWINGS ARE DIAGRAMMATIC. THE CONTRACTOR IS TO INCLUDE, FOR THE REVIEW, THE ROUTING THROUGH THE CEILING SPACE, AND INDICATE FOR ALL OFFSETS OF THE SERVICES REQUIRED TO ACHIEVE THE INTENT OF THE ROUTING INDICATED ON THE DRAWINGS.

8. THE MECHANICAL DRAWINGS ARE PERFORMANCE DRAWINGS, ARE DIAGRAMMATIC AND SHOW APPROXIMATE LOCATIONS OF EQUIPMENT AND MATERIALS. THE DRAWINGS ARE INTENDED TO CONVEY THE SCOPE OF WORK AND DO NOT SHOW ARCHITECTURAL AND STRUCTURAL DETAILS. THE LOCATIONS OF MATERIAL AND EQUIPMENT SHOWN MAY BE ALTERED TO MEET THE GENERAL INTENT OF THE ROUTING INDICATED ON THE DRAWINGS. WHEN REVIEWED BY THE CONTRACTOR, TO MEET REQUIREMENTS OF THE MATERIAL AND/OR EQUIPMENT, OTHER EQUIPMENT AND SYSTEMS BEING INSTALLED, AND OF THE BUILDING, THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, OFFSETS, TRANSFORMATIONS, AND SIMILAR ITEMS REQUIRED AS A RESULT OF OBSTRUCTIONS AND OTHER ARCHITECTURAL OR STRUCTURAL DETAILS BUT NOT SHOWN ON MECHANICAL DRAWINGS. INTERFERENCE DRAWINGS SHALL BE PRODUCED IN ADVANCE WITH SPECIFICATIONS REQUIRED. NO EXTRAS WILL BE ENTERED WITHOUT PROOF THROUGH INTERFERENCE DRAWINGS.
9. CAREFULLY COORDINATE NEW SERVICES WITH EXISTING BUILDING STRUCTURE, EXISTING SERVICES AND WORK OF PLUMBING CONTRACTOR AND ELECTRICAL DIVISION PRIOR TO FABRICATION AND/OR INSTALLATION OF WORK. INCLUDE FOR OFFSETS, TRANSFORMATIONS, ETC., AS REQUIRED TO ENSURE THAT REQUIRE CILING HEIGHTS TO THE ARCHITECTS DETAILS ARE SCHEDULES ARE MAINTAINED.

10. THE "CONTACT LIMIT" AND/OR "AREA OF WORK" LINE INDICATED ON THE FLOOR PLAN IS SHOWN TO DESIGNATE THE WORK REQUIRED ARCHITECTURALLY WITHIN THE BOUNDARIES NOTED. THE MECHANICAL WORK SHOWN WITHIN THESE LIMITS AND OUTSIDE OF THESE LIMITS SHALL FORM THE TOTAL MECHANICAL WORK REQUIREMENTS AND SHALL BE PRICED ACCORDINGLY. NOTE THAT WORK SHOWN OUTSIDE OF THESE LIMIT LINES MAY BE WORK REQUIRED BEYOND THE LIMIT LINE AND/OR MAY BE WORK REQUIRED FOR THE FLOOR ABOVE.

11. CONTRACTOR SHALL ALLOW FOR REMOVAL OF ALL MECHANICAL CEILING DEVICES SUCH AS SPRINKLER HEADS, DIFFUSERS, AND GRILLES WITHIN "AREA OF WORK" TO FACILITATE NEW WORK. DIFFUSERS AND GRILLES SHALL BE REINSTALLED AFTER COMPLETION OF NEW WORK. SPRAKE SPRINKLER HEADS THAT ARE REMOVED WITH NEW SPRINKLER HEADS. REMOVED SPRINKLER HEADS SHALL NOT BE RE-USED.
12. PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR MUST TAKE AIRFLOW MEASUREMENTS OF EXISTING DIFFUSERS/GRILLES AND TRAVERSE READINGS AS SPECIFIED ON THE LAYOUT DRAWINGS AND SUBMIT THE PRE-CONSTRUCTION TESTING AND BALANCING REPORT TO CONSULTANT FOR REVIEW. THESE AIRFLOW MEASUREMENTS SHALL BE USED AS A BENCHMARK FOR FINAL BALANCING TO ENSURE THAT THE EXISTING AREAS TO REMAIN WILL NOT BE AFFECTED AS A RESULT OF THE HVAC MODIFICATIONS IN THIS PROJECT.
13. REPAIR ANY DAMAGED INSULATION AT POINTS OF CONNECTION TO EXISTING SERVICES TO 800MM ON EACH SIDE OF DAMAGED INSULATION TO THE STANDARD OF NEW INSULATION.
14. IN SOME AREAS, EXISTING SERVICES MAY BE IN THE WAY OF NEW WORK INSTALLATION. ALLOW FOR THE REMOVAL AND REINSTALLATION OF THESE EXISTING SERVICES AS REQUIRED TO FACILITATE NEW WORK.
15. REMOVE ALL ABANDONED SERVICES WITHIN THE NEW WORK AREA.
16. COORDINATE WITH GENERAL CONTRACTOR THE REMOVAL OF THE EXISTING CEILING (WHERE REQUIRED) TO ALLOW FOR THE INSTALLATION OF NEW SERVICES NOTED AND/OR REMOVAL OF THE EXISTING SERVICES.



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Project No.	Scale
CA0016106.5411	NTS
Drawing No.	Sheet
	Revision



C:\Users\peter.zhong\WSP_0365\CA0016106.5411_CA-CWH_2D_Mental_Health_Psychiatric_Unit_Project_Rewamp_-_Project_Folders\05_Technical\02_Mechanical\02_BIM-Drawings\06_CD_Constructs\Sheets\M-102.dwg
2024/05/31 5:39 PM By: Zhang, Peter

SCHEDULE OF DIFFUSERS & GRILLES (PRICE INDUSTRIES)								
TAG	SERVICE	MODEL NO.	MATERIAL	FRAME/BORDER	FINISH	VOLUME CONTROL	MODULE SIZE	REMARKS
A	SUPPLY - CEILING	SCD	STEEL	31	B12	NO	600x600	
B	RETURN - CEILING	80	ALUMINUM	F	B12	NO	REFER TO SIZING CHART	
C	SUPPLY/RETURN - WALL	MSRRP	STEEL		B12	NO	200x200	
D	RETURN - CEILING	60	EXT. ALUMINUM		B12	NO	REFER TO SIZING CHART	
NOTES: 1. ALL DIFFUSER AND GRILLE FRAME SAHLL SUIT CEILING CONSTRUCTION. REFER TO ARCHITECTRUAL DRAWINGS FOR CEILING CONSTRUCTION. 2. ALL DAMPERS SHALL BE THE SAME MATERIAL AS THE DIFFUSER OR GRILLE. 3. DIFFUSERS IN DRYWALL CEILING SHALL HAVE ADAPTOR FRAME OF THE SAME MATERIAL AS DIFFUSERS. PROVIDE ALUMINUM PLASTER FRAME. 4. DIFFUSER AND GRILLE COLOUR SHALL SUIT ARCHITECTURAL DIRECTION. 5. DIFFUSER IN THE DRYWALL CEILING SHALL HAVE ADAPTOR FRAME OF THE SAME MATERIAL AS THE DIFFUSER. PROVIDE ALUMINUM PLASTER FRAME.								

SCHEDULE OF REHEAT COIL (DAIKIN)																	
TAG	AIR FLOW (L/S)	HEATING CAPACITY (KW)	MODEL	FINS PER INCH	NO. OF ROWS	FIN LENGTH (mm)	FIN HEIGHT (mm)	FACE AREA (SQM)	FACE VELOCITY (M/S)	AIR			WATER				
										EAT (°C)	LAT (°C)	APD (Pa)	EWT (°C)	LWT (°C)	VELOCITY (M/S)	FLOW (L/S)	WPD (Kpa)
RHC-1	63	1.7	5BS1302C	13	2	152	381	0.10	1.1	10.0	32.2	22	40.6	35.0	0.43	0.10	6.3
RHC-2	216	3.8	5BS1202B	12	2	229	381	0.10	2.5	10.0	23.9	52	40.6	35.0	0.82	0.20	13.7
NOTES: 1. MECHANICAL CONTRACTOR TO VERIFY COIL LEFT-/ RIGHT-HAND CONNECTION PRIOR TO ORDER.																	

SIZES FOR TYPE 'B' AND 'D' GRILLES		
FACE SIZE (mm x mm)	TYPE 'B' RANGE (L/S)	TYPE 'D' RANGE (L/S)
300 x 300	148 TO 340	56 TO 85
600 x 300	341 TO 595	86 TO 170
600 x 600	596 TO 1023	171 TO 341



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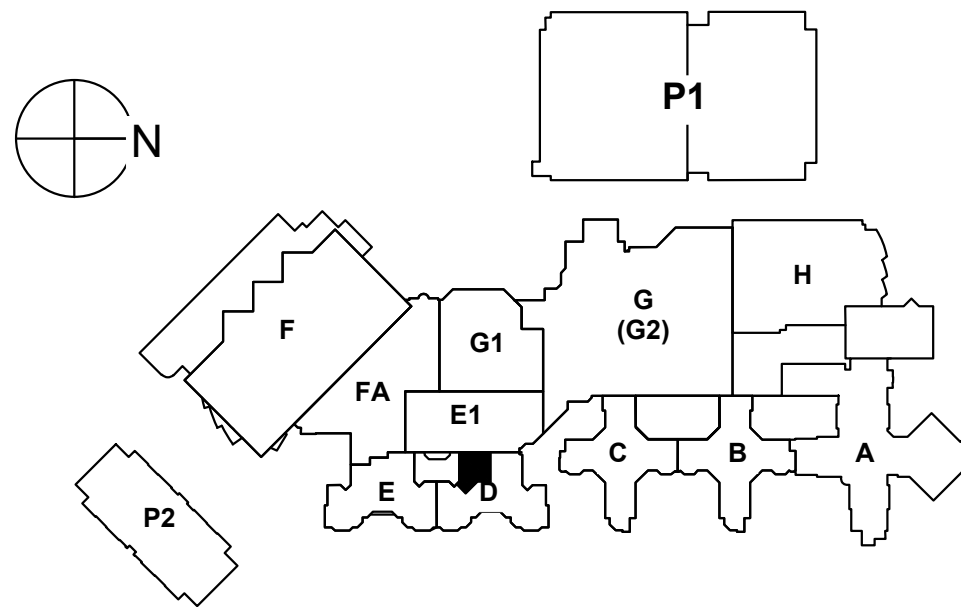


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	Dwn.	Chkd.	Dsgn. YY.MM.DD

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Client/Project

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2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION

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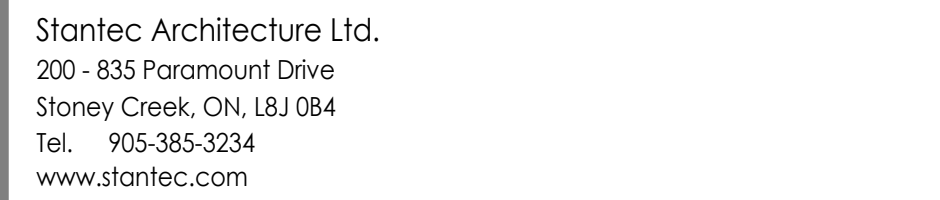
Title

MECHANICAL SCHEDULES

Project No. CA0016106.5411	Scale NTS
Drawing No.	Sheet Revision

M-102

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A map of the study area showing the location of the study site (P1) relative to other sites (P2, F, FA, E1, E2, G, G2, H, A, B, C, D). A north arrow is included.

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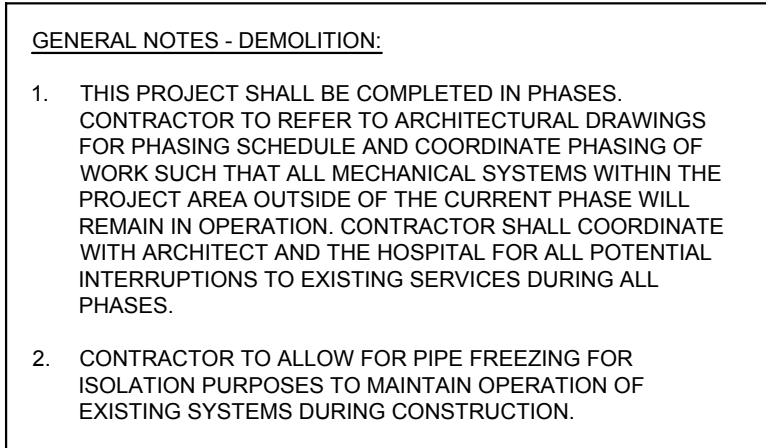
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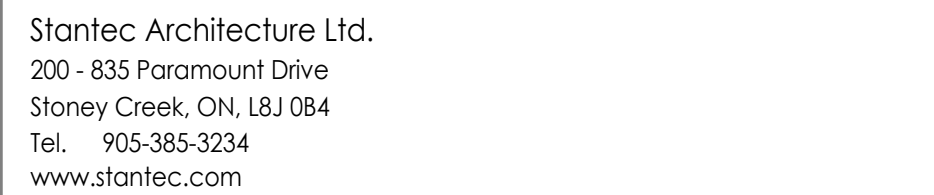
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SPRUCE SUITE RENOVATION

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Project No.	Scale
CA0016106.5411	1/8" = 1'-0"
Drawing No.	Sheet
	Revision



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2024/05/31 5:46 PM By: Zhang, Peter



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A map of the study area showing the location of the study site (D) relative to other locations (A, B, C, E, F, G, H, P1, P2). A north arrow is present in the top left corner. The map shows a central area labeled 'D' which is shaded black. Surrounding 'D' are several other areas: 'E' to the west, 'C' to the east, 'B' to the south, and 'A' to the southeast. To the north of 'D' is 'E1', and further north is 'G1'. To the west of 'E1' is 'FA'. To the northwest is 'F'. To the north of 'F' is 'P2'. To the northeast of 'D' is 'G (G2)', and further east is 'H'. To the north of 'H' is 'P1'. The map is oriented with North at the top.

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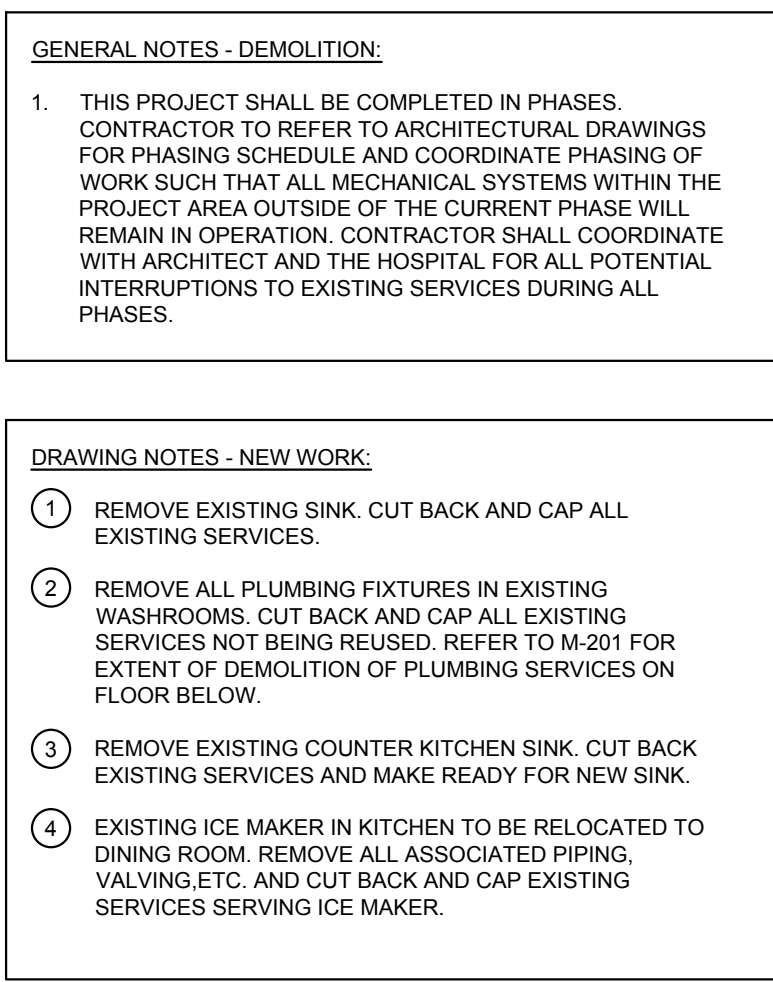
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2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION

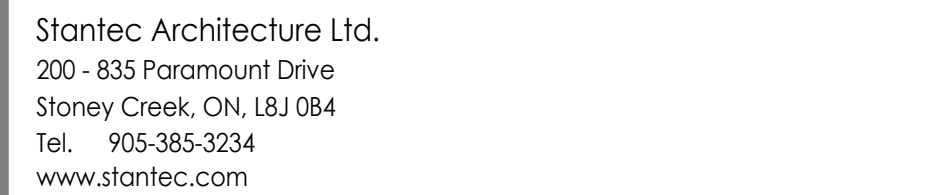
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Project No.	Scale
CA0016106.5411	1/8" = 1'-0"
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<u>DRAWING NOTES - NEW WORK:</u>	
①	REMOVE EXISTING SINK. CUT BACK AND CAP ALL EXISTING SERVICES.
②	REMOVE ALL PLUMBING FIXTURES IN EXISTING WASHROOMS. CUT BACK AND CAP ALL EXISTING SERVICES NOT BEING REUSED. REFER TO M-201 FOR EXTENT OF DEMOLITION OF PLUMBING SERVICES ON FLOOR BELOW.
③	REMOVE EXISTING COUNTER KITCHEN SINK. CUT BACK EXISTING SERVICES AND MAKE READY FOR NEW SINK.
④	EXISTING ICE MAKER IN KITCHEN TO BE RELOCATED TO DINING ROOM. REMOVE ALL ASSOCIATED PIPING, VENDING ETC. AND CUT BACK AND CAP EXISTING SERVICES SERVING ICE MAKER.

C:\Users\peter.zhong\WSP_0365\CA001606.5411 CA-CWH 2D Mental Health Psychiatric Unit Project Revamp - Project Folders\05. Technical\02 Mechanical\02 BIM-Drawings\06 CAD Constructs\Sheets\M-202.dwg
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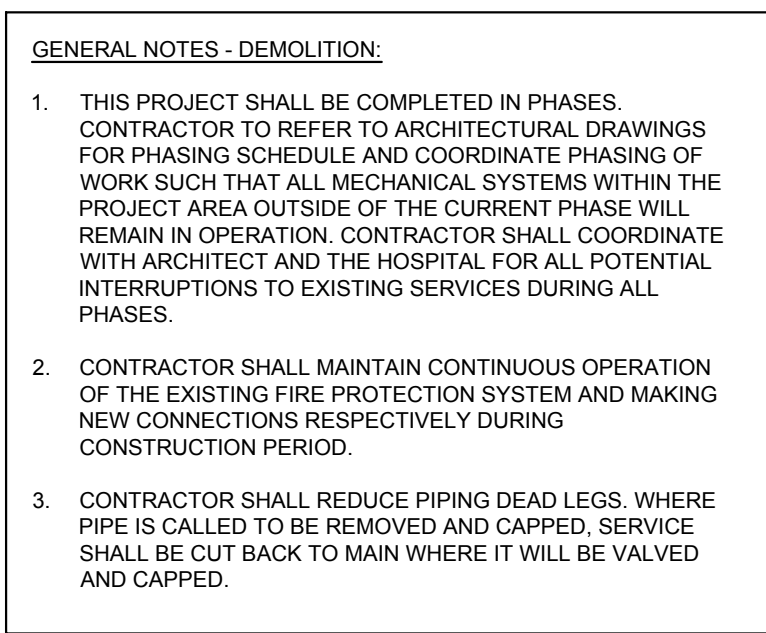
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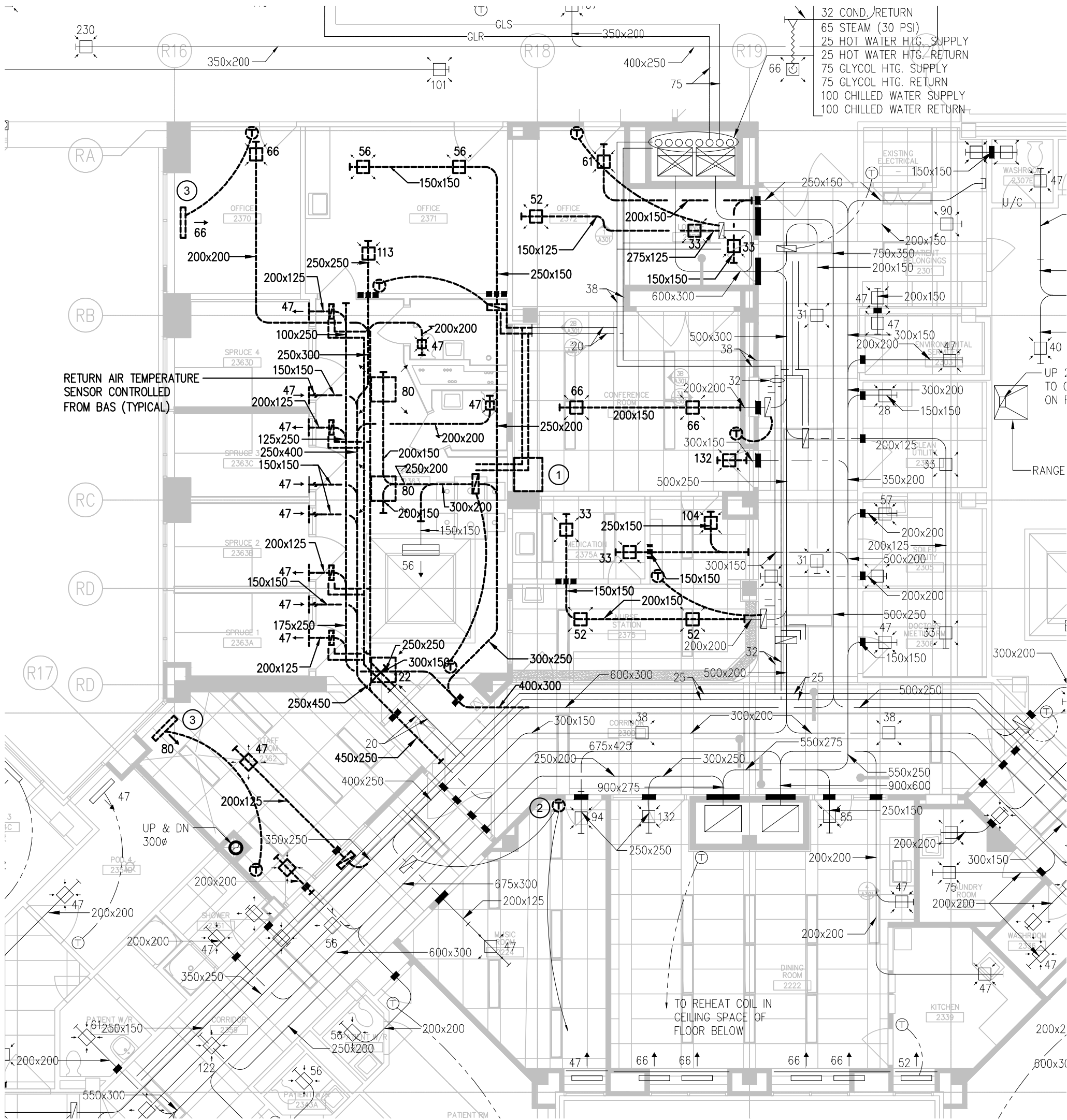
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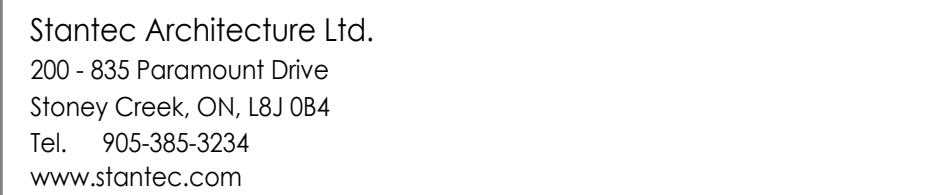


GENERAL NOTES - DEMOLITION:

1. THIS PROJECT SHALL BE COMPLETED IN PHASES. CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR PHASING SCHEDULE AND COORDINATE PHASING OF WORK SUCH THAT ALL MECHANICAL SYSTEMS WITHIN THE PROJECT AREA OUTSIDE OF THE CURRENT PHASE WILL REMAIN IN OPERATION. CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND THE HOSPITAL FOR ALL POTENTIAL INTERRUPTIONS TO EXISTING SERVICES DURING ALL PHASES.
2. CONTRACTOR SHALL MAINTAIN CONTINUOUS OPERATION OF THE EXISTING FIRE PROTECTION SYSTEM AND MAKING REPAIRS/REPLACEMENTS RESPECTIVELY DURING CONSTRUCTION PERIOD.
3. CONTRACTOR SHALL REDUCE PIPING DEAD LEGS, WHERE PIPE IS CALLED TO BE REMOVED AND CAPPED. SERVICE SHALL BE CUT BACK TO MAIN WHERE IT WILL BE VALVED AND CAPPED.

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2024/05/31 5:39 PM By: Zhang, Peter



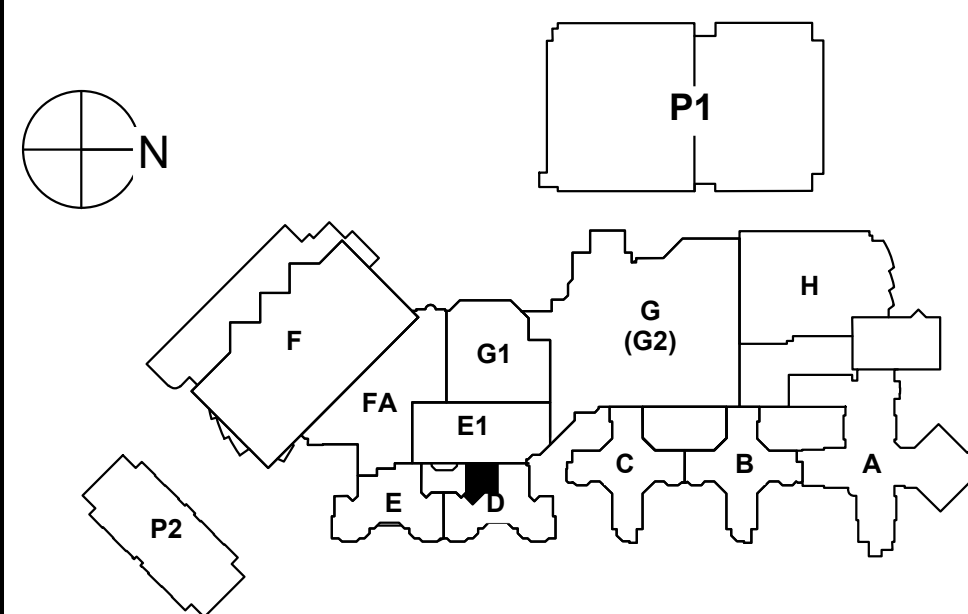


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Keyplan



Notes

Revision	By	Appd.	YY.MM.DD
ISSUED FOR TENDER			24.05.31
ISSUED FOR 90% CD			24.05.10
Issued	By	Appd.	YY.MM.DD
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Permit-Seal

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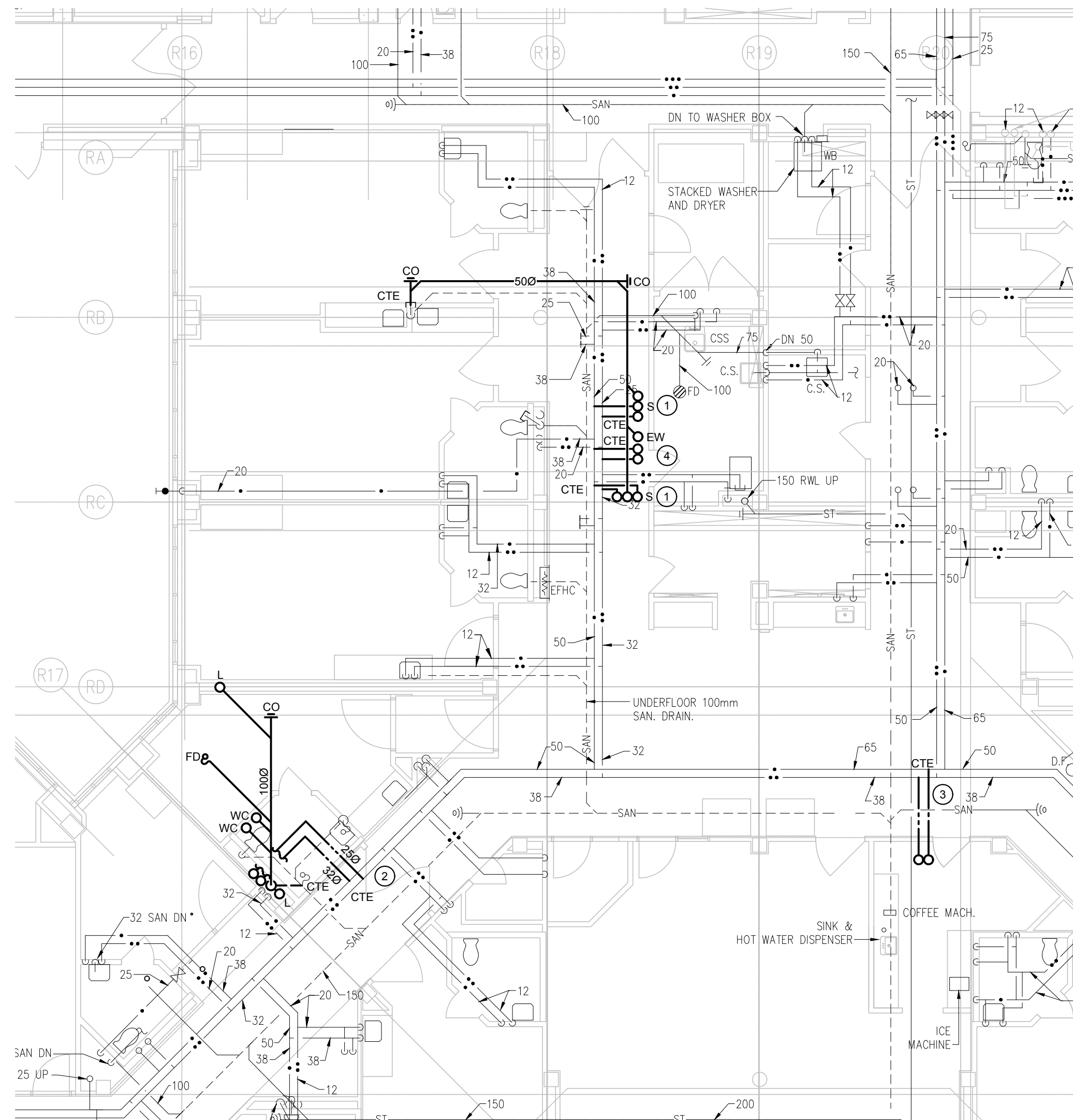
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2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION
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Title

BLOCK 2D - LEVEL 1 -
PLUMBING PLAN -
NEW WORK

Project No.	Scale	
CA0016106.5411	1/8" = 1'-0"	
Drawing No.	Sheet	Revision

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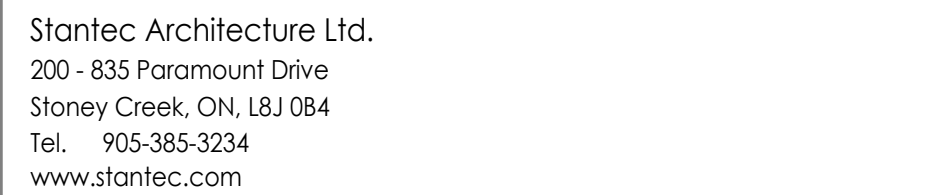
GENERAL NOTES - DEMOLITION:

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DRAWING NOTES - NEW WORK:

- 1 PROVIDE NEW 120 DCW AND 120 DHW CW ISOLATION VALVES AT THE TAKEOFFS TO SERVE NEW S-1 ABOVE.
- 2 PROVIDE NEW 320 DCW AND 200 DHW CW ISOLATION VALVES AT THE TAKEOFFS TO SERVE NEW WASHROOMS ABOVE.
- 3 PROVIDE NEW 200 DCW AND 200 DHW CW ISOLATION VALVES AT THE TAKEOFFS TO SERVE NEW KITCHEN FIXTURES ABOVE.
- 4 PROVIDE NEW 120 DCW AND 120 DHW CW ISOLATION VALVES AT THE TAKEOFFS TO SERVE NEW EW-1 ABOVE.

1 BLOCK 2D - LEVEL 1 - PLUMBING PLAN - NEW WORK
M-301 1/8" = 1'-0"



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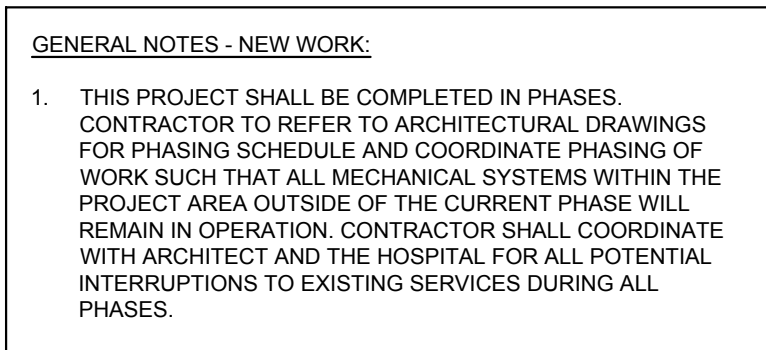
Client/Project

TRILLIUM HEALTH PARTNERS
CREDIT VALLEY HOSPITAL

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SPRUCE SUITE RENOVATION

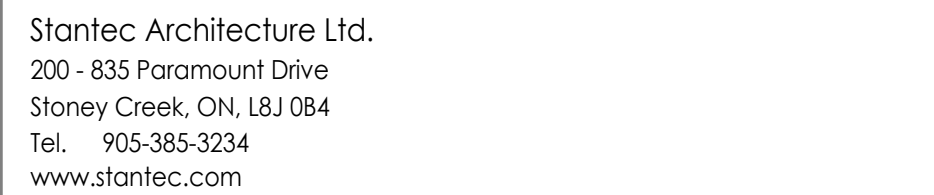
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Project No.	Scale
CA0016106.5411	1/8" = 1'-0"
Drawing No.	Sheet
	Revision



- DRAWING NOTES - NEW WORK:**
- 1 PROVIDE NEW SINK S-1. PROVIDE 120 DOW AND 120 DWH FROM LEVEL BELOW. RUN DOW AND DWH TO THE THERMOSTATIC MIXING VALVE (TMV) LOCATED UNDER THE FIXTURE SHROUD. EXTEND 120 TEMPERED WATER FROM TMV TO FAUCET. PROVIDE 380 SAN DOWN AND 320 VENT UP. REFER TO DRAWING M-301 FOR KITCHEN, DWH, SAN, PIPING ON THE FLOOR BELOW.
 - 2 CONNECT 380 SAN FROM NEW S-1 IN DOW TO EXISTING SANITARY STACK SERVING EXISTING KITCHEN SINK AND ADJACENT LAUNDRY ROOM.
 - 3 PROVIDE NEW LAVATORY L-1. PROVIDE 120 DOW AND 120 DWH. RUN DOW AND DWH TO THE THERMOSTATIC MIXING VALVE (TMV) LOCATED UNDER THE FIXTURE SHROUD. EXTEND 120 TEMPERED WATER FROM TMV TO FAUCET. PROVIDE 380 SAN DOWN AND 320 VENT UP.
 - 4 PROVIDE NEW WATER CLOSET WC-1. PROVIDE 250 DOW FROM BELOW. PROVIDE 1000 SAN DOWN AND 380 VENT UP.
 - 5 PROVIDE NEW EYEWASH STATION EW-1. PROVIDE 200 DOW AND 200 DWH FROM BELOW. PROVIDE 500 SAN DOWN.
 - 6 NEW 320 DOW AND 320 DWH FROM BELOW.
 - 7 PROVIDE NEW KITCHEN COUNTER SINK CS-1. PROVIDE NEW 120 DOW. 120 DWH. 380 SAN DOWN AND 320 VENT UP. BACK-UP CONNECT TO EXISTING SERVICES FROM REMOVED KITCHEN SINK.
 - 8 PROVIDE NEW 120 DOW FOR RELOCATED ICE MAKER C/W BACK-UP PREVENTER OR ICE MAKER DRAINAGE. REFER TO DETAIL 4 ON DRAWING M-101.
 - 9 PROVIDE NEW BARATRIC LAVATORY L-2. PROVIDE 120 DOW AND 120 DWH. RUN DOW AND DWH TO THE THERMOSTATIC MIXING VALVE (TMV) LOCATED UNDER THE FIXTURE SHROUD. EXTEND 120 TEMPERED WATER FROM TMV TO FAUCET. PROVIDE 380 SAN DOWN AND 320 VENT UP.
 - 10 PROVIDE NEW BARATRIC WATER CLOSET WC-2. PROVIDE 250 DOW FROM BELOW. PROVIDE 1000 SAN DOWN AND 380 VENT UP.
 - 11 CONNECT TO NEAREST SUITABLE VENT.

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2024/05/31 5:40 PM By: Zhang, Peter



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A map of the study area showing the location of the study site (D) relative to other sites (A, B, C, E, FA, F, G, G1, H, P1, P2) and a compass rose indicating North. The map shows a complex arrangement of sites, with D located in the center, surrounded by E, FA, and G1. G1 is adjacent to G (G2), which is further adjacent to H. F is located to the left of FA, and P1 is located above G. P2 is located to the left of E. A compass rose indicates North is towards the top-left of the map.

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Client/Project

TRILLIUM HEALTH PARTNERS
CREDIT VALLEY HOSPITAL

2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION

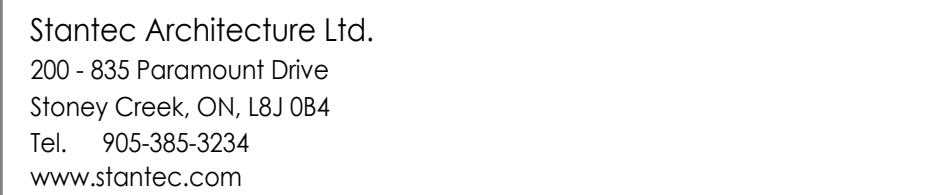
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Project No. CA0016106.5411	Scale 1/8" = 1'-0"	
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- GENERAL NOTES - NEW WORK:**
1. THIS PROJECT SHALL BE COMPLETED IN PHASES. CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR PHASING SCHEDULE AND COORDINATE PHASING OF WORK SUCH THAT ALL MECHANICAL SYSTEMS WITHIN THE PROJECT AREA OUTSIDE OF THE CURRENT PHASE WILL BE STOPPED. OPERATIONS CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND THE HOSPITAL FOR ALL POTENTIAL INTERRUPTIONS TO EXISTING SERVICES DURING ALL PHASES.
 2. SPRINKLER PROTECTION SHALL BE PROVIDED TO SUIT REQUIREMENTS OF O.B.C. AND NFPA 13 (STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS) INCLUDING ADJUSTABLE SPRINKLER HEADS TO COMPLETE THE DESIGN IN CONFORMANCE WITH THE CODES AND LOCAL AUTHORITY HAVING JURISDICTION.
 3. UPON COMPLETION OF SPRINKLER WORK, CONTRACTOR SHALL TEST REVISED SPRINKLER ZONES TO THE LATEST REQUIREMENTS OF NFPA 13 (STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS).
 4. ALL NEW SPRINKLER HEADS INSTALLED WITHIN LIGHT HAZARD OCCUPANCIES SHALL BE QUICK RESPONSE TYPE. THE MIXING OF QUICK RESPONSE TECHNOLOGY WITH STANDARD WITHIN AN OPEN AREA IS NOT PERMISSIBLE.
 5. CONTRACTOR SHALL ENSURE SPRINKLER HEADS ARE CENTERED IN CEILINGS UNLESS OTHERWISE REQUIRED TO PROVIDE COVERAGE.
 6. CONTRACTOR SHALL COORDINATE WITH MECHANICAL AND ELECTRICAL TRADES FOR THE FINAL LOCATIONS OF SPRINKLER HEADS AND SPRINKLER PIPING IN ORDER TO PREVENT CONFLICTS. CONTRACTOR SHALL CO-ORDINATE SPRINKLER HEAD LOCATIONS IN AREAS WITH SUSPENDED CEILING AND THE ELECTRICAL, MECHANICAL, PLUMBING, DIFFUSERS, AND SIMILAR ITEMS RECESSED IN OR SURFACE MOUNTED ON THE CEILING. IN AREAS WITH LAY-IN TILE, CENTER THE SPRINKLER HEAD BOTH WAYS IN THE LAY-IN TILE.
 7. CONTRACTOR SHALL INSTALL SPRINKLER PIPING WITHIN CEILINGS, BULKHEADS, ETC WHERE POSSIBLE. WHERE SPRINKLER HEADS AND PIPING DOES NOT FIT WITHIN EXISTING SPACE, CONTRACTOR SHALL ALLOW FOR ENCLOSING OF PIPING, FINISH TO MATCH ROOM FINISHES.
 8. EXISTING REMOVED SPRINKLER HEADS SHALL NOT BE USED.
 9. CONTRACTOR SHALL ALLOW FOR AFTER HOURS WORK IN ORDER TO KEEP THE HOSPITAL FUNCTIONING DURING CONSTRUCTION PERIOD.
 10. CONTRACTOR TO PROVIDE LABELS AT PIPING TO SERVE ITS PURPOSE.
 11. OCCUPANCIES SHALL BE CLASSIFIED AS LIGHT HAZARD IN ALL HOSPITAL AREAS. THE MAXIMUM ALLOWABLE PROTECTION AREA OF COVERAGE FOR EACH SPRINKLER IS 225 SQ FT AT 15.7 PSF PER NFPA 13.



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A map of the study area showing the location of the study site (D) relative to other locations (A, B, C, E, F, G, H, P1, P2). A north arrow is present in the top left corner. The map shows a central area labeled 'D' which is shaded black. Surrounding 'D' are several other areas: 'E' to the west, 'C' to the east, 'B' to the south, and 'A' to the southeast. To the north of 'D' is 'E1', and to the northeast is 'G (G2)'. Further north are 'G1' and 'H'. To the west of 'D' is 'F', and further west is 'FA'. At the top of the map is a large area labeled 'P1'. At the bottom left is an area labeled 'P2'.

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Client/Project

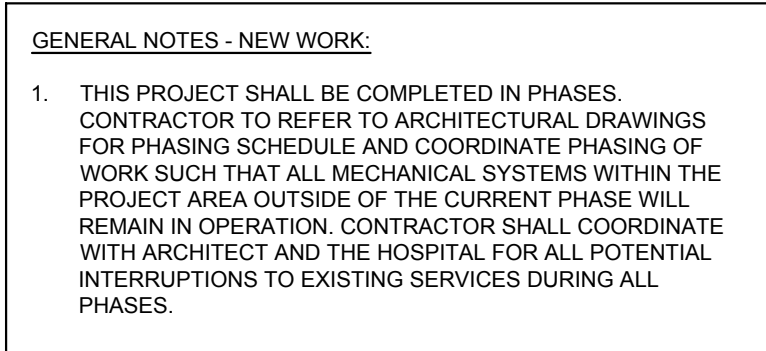
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Project No. CA0016106.5411	Scale 1/8" = 1'-0"	
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DRAWING NOTES - NEW WORK:

- 1 PROVIDE NEW TEMPERATURE SENSOR IN THE RETURN BRANCH DUCT FOR EACH NEW SPRUCE ROOM. PROVIDE NEW THERMOSTAT FOR EACH NEW SPRUCE ROOM IN NURSING STATION (COORDINATE LOCATION WITH ARCHITECT AND THE HOSPITAL). FOR CONTROLS SEQUENCE INVOLVING THE SPRUCE ROOM TEMPERATURE SENSORS, IN DUCT REHEAT COILS, AND THERMOSTATS, REFER TO DRAWING M-101.
- 2 PROVIDE NEW THERMOSTAT WITH TAMPER COVER. RECONNECT CONTROLS WIRING.

1 BLOCK 2D - LEVEL 2 - HVAC & PIPING PLAN - NEW WORK
M-304 1/8" = 1'-0"