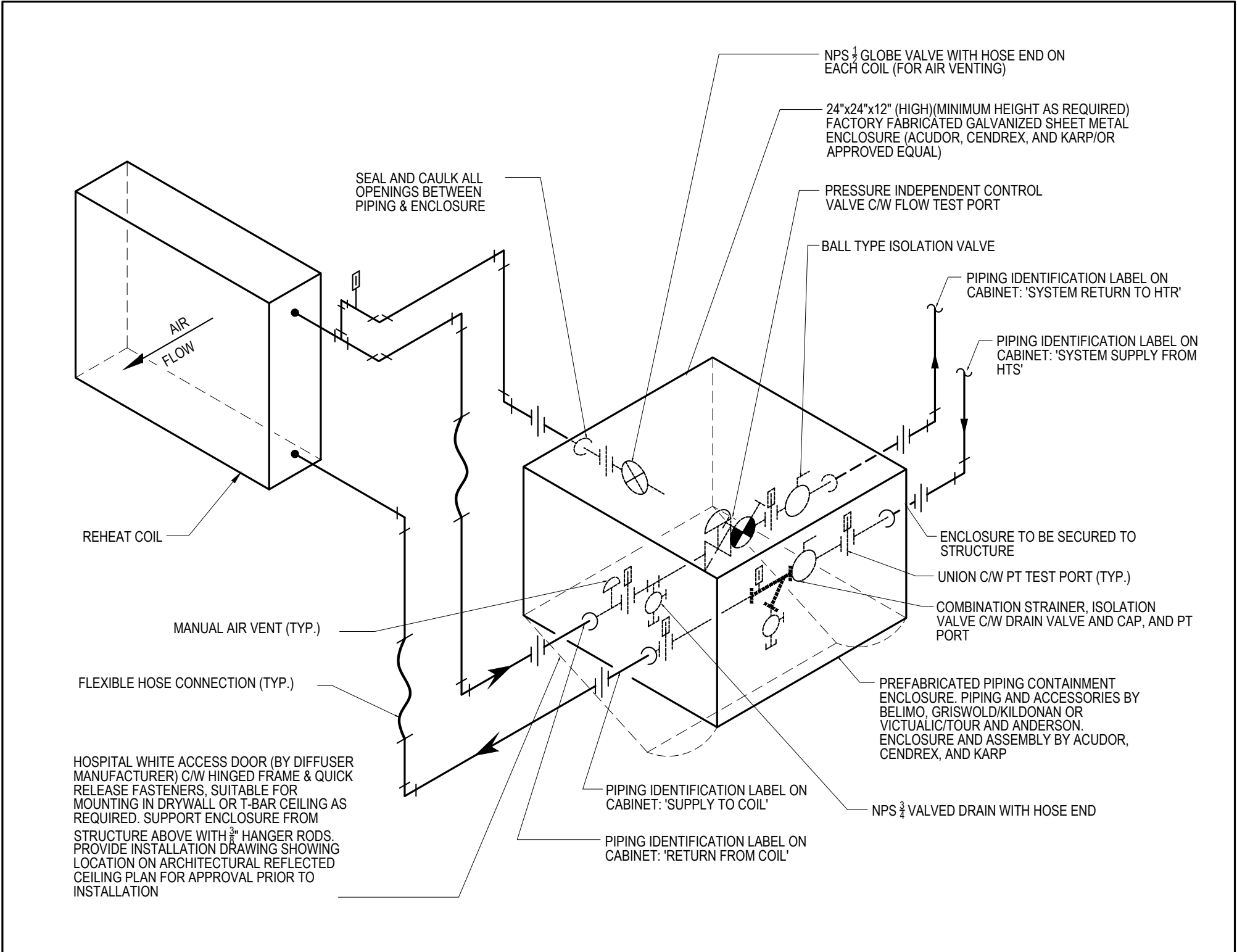
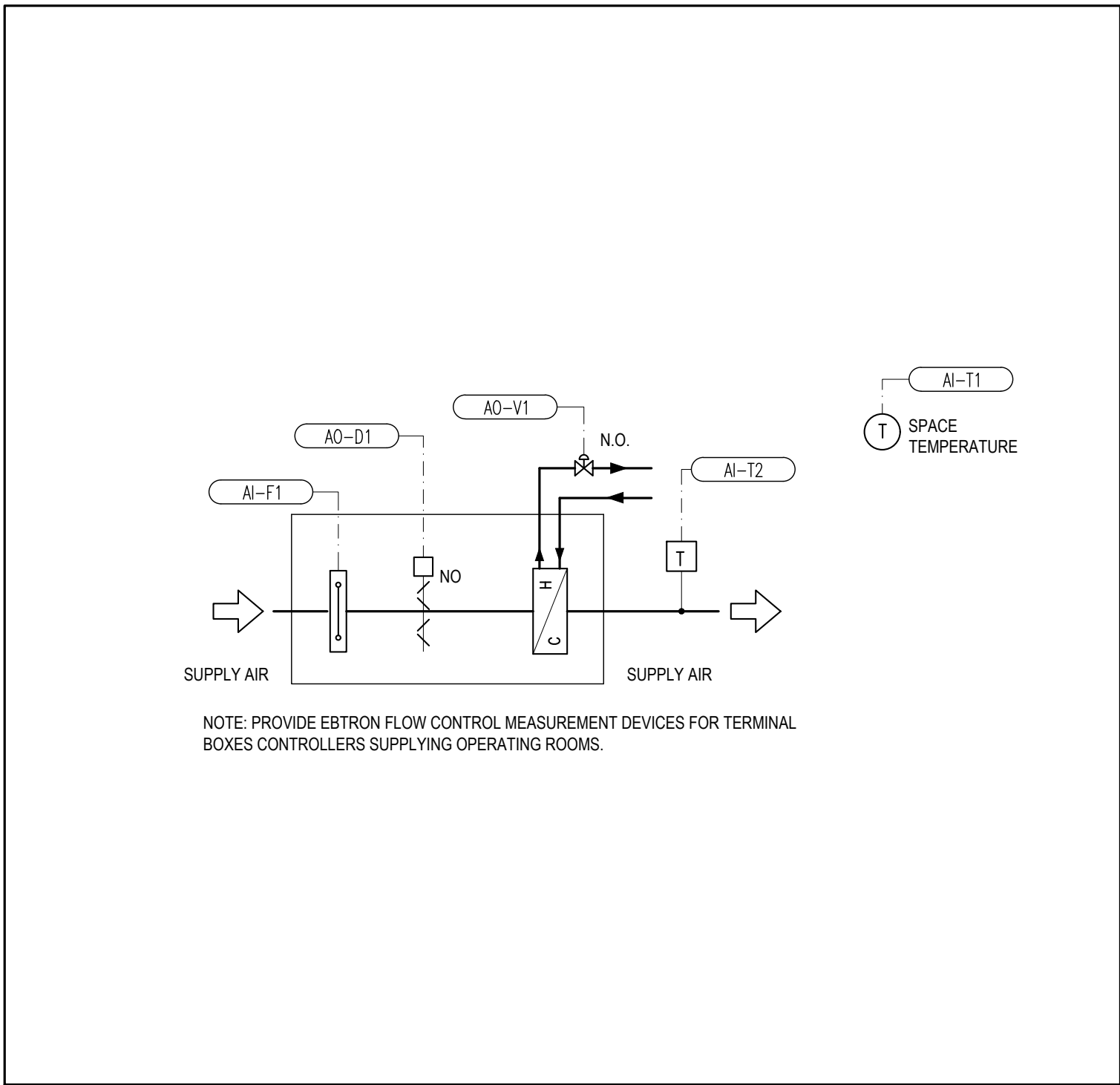


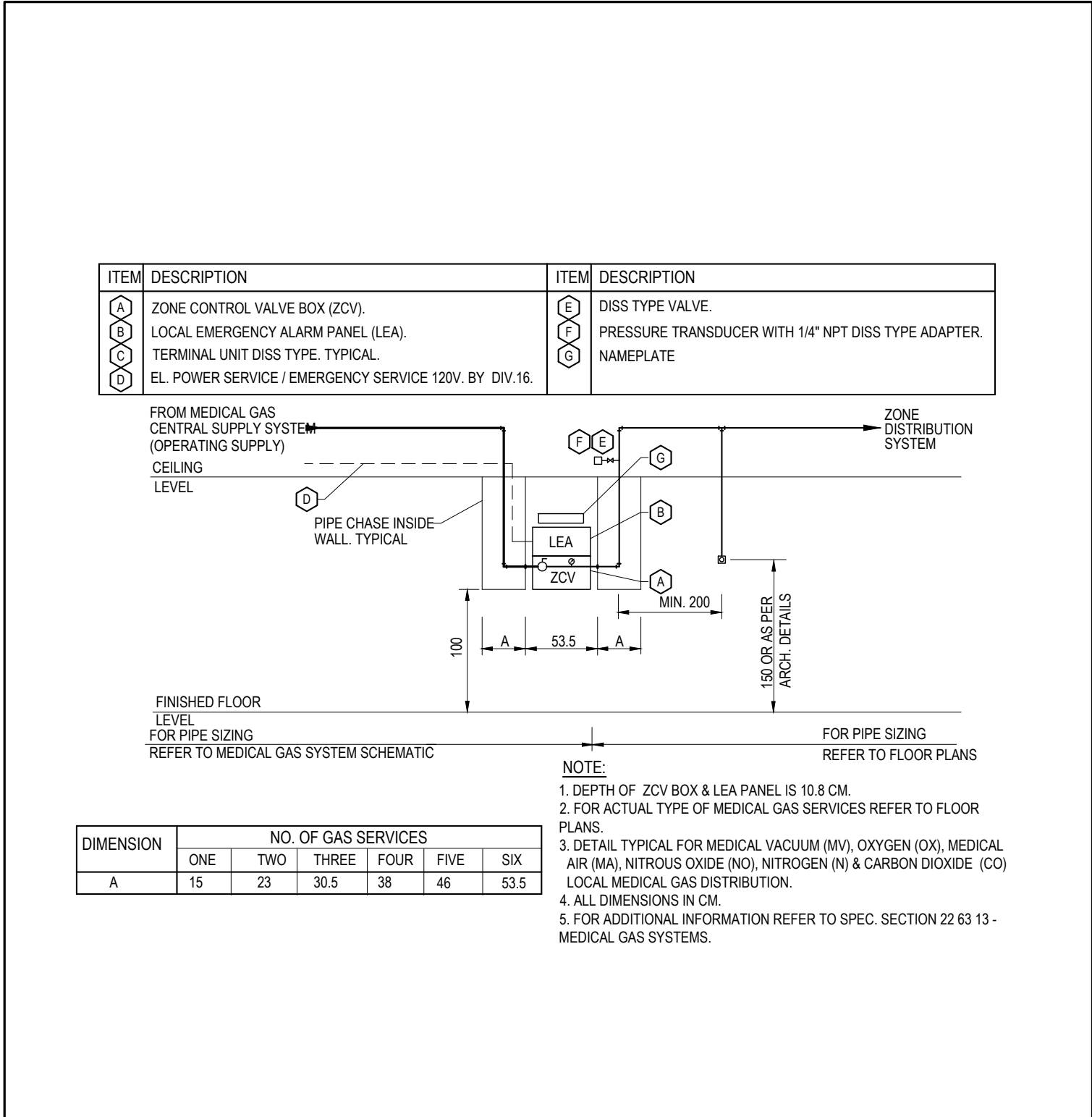
2 RADIATOR VALVE REPLACEMENT
M-2 N.T.S.



4 REHEAT COIL PIPING
M-2 N.T.S.



1 TERMINAL BOX (CAV) C/W REHEAT
M-2 N.T.S.



3 LOCAL MEDICAL GAS DISTRIBUTION WITH ZCV & LEA
M-2 N.T.S.

DATE	ISSUED FOR	REV
2024-06-04	ISSUED FOR CD SIGN OFF	1
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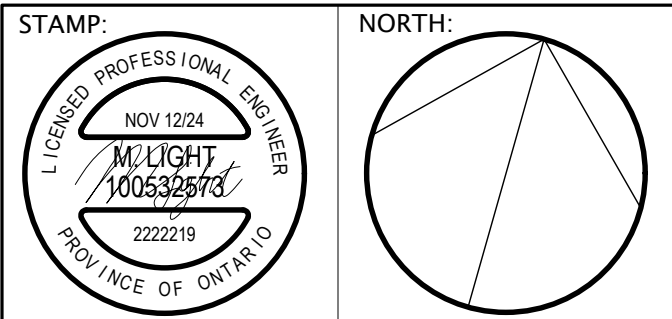


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Project Manager D. WITALEC	Drawn K.L.
Project Leader M.L.	Checked R.P.

Client
Sunnybrook
HEALTH SCIENCES CENTRE
2075 Bayview Ave., Toronto, ON, M4N 3M5

Project
SUNNYBROOK HEALTH SCIENCE CENTRE
K WING - HEMATOLOGY

Drawing Title
DETAILS

Check Scale (may be photo reduced)
0 1 inch 0 10mm

Project No. ONBL22-0011
222219

Scale: AS NOTED


Drawing No.
M-2

ARCH D - 24"x36" - 6 (0mmx914mm (rounded))

GRILLE & DIFFUSER						
REF. LETTER	APPLICATION	MANUFACTURER DATA		OPPOSED BLADE DAMPER	FINISH	REMARKS
		SELECTION MFG.	MODEL DESCRIPTION AND SIZE			
A1	CEILING SUPPLY DIFFUSER	NAILOR	SQUARE PLAQUE DIFFUSER - 610x610 (24" x 24") - UNLESS NOTED OTHERWISE	---	HOSPITAL WHITE	FRAME TO SUIT CEILING
A2	CEILING SUPPLY DIFFUSER	NAILOR	SQUARE PLAQUE DIFFUSER - 305x305 (12" x 12") - UNLESS NOTED OTHERWISE	---	HOSPITAL WHITE	FRAME TO SUIT CEILING
C1	RETURN/EXHAUST GRILLE	NAILOR	EGGGRATE MODEL 2260 - 610x305 (24"x24") - UNLESS NOTED OTHERWISE	---	HOSPITAL WHITE	FRAME TO SUIT CEILING.
C2	RETURN/EXHAUST GRILLE	NAILOR	EGGGRATE MODEL 2260 - 305x305 (12"x12") - UNLESS NOTED OTHERWISE	---	HOSPITAL WHITE	FRAME TO SUIT CEILING.
D1	LINEAR SLOT DIFFUSER	NAILOR	PLENUM SLOT DIFFUSER MODEL 5775, 1@ 3/4" SLOT. COMPLETE WITH MANUFACTURER PROVIDED PLENUM, 17" HIGH. "WIPER BLADE" PATTERN CONTROLLERS TO DIRECT AIR TO BOTTOM OF WINDOW. INLET DIAMETER AND LENGTH AS NOTED ON DRAWINGS.	---	HOSPITAL WHITE	FRAME AND BORDER TO SUIT CEILING.
D2	LINEAR SLOT DIFFUSER	NAILOR	PLENUM SLOT DIFFUSER MODEL 5775, 1@ 1/2" SLOT. COMPLETE WITH MANUFACTURER PROVIDED PLENUM, 17" HIGH. "WIPER BLADE" PATTERN CONTROLLERS TO DIRECT AIR TO BOTTOM OF WINDOW. INLET DIAMETER AND LENGTH AS NOTED ON DRAWINGS.	---	HOSPITAL WHITE	FRAME AND BORDER TO SUIT CEILING.
D3	LINEAR SLOT DIFFUSER	NAILOR	PLENUM SLOT DIFFUSER MODEL 5010, 3@ 1" SLOT. COMPLETE WITH MANUFACTURER PROVIDED PLENUM, 11" HIGH. "ICE TONG" PATTERN CONTROLLERS. INLET DIAMETER AND LENGTH AS NOTED ON DRAWINGS.	---	HOSPITAL WHITE	FRAME AND BORDER TO SUIT CEILING.
E1	LINEAR SLOT DIFFUSER	NAILOR	LINEAR SLOT PLENUM RETURN MODEL 5010R, 3@11" SLOTS. COMPLETE WITH MANUFACTURER PROVIDED PLENUM.	---	HOSPITAL WHITE	FRAME AND BORDER TO SUIT CEILING.

CONSTANT VOLUME TERMINAL UNIT WITH HOT WATER REHEAT COIL															
MANUFACTURERS DATA						REHEAT COIL DATA								DISCHARGE DUCT SIZE	REMARKS
UNIT SIZE	INLET DIA. (in.)	RECTANGULAR BRANCH TAP (in. x in.)	SELECTION MFG.	MODEL No.	MAX. AIR FLOW (cfm)	AIR			WATER						
						ENT. TEMP. ° F	LEAV. TEMP. ° F	FRICTION (S.P. DROP) (in.wg)	ENT. TEMP. ° F	MAX. FLOW (USGPM)	MAX. P.D. (ft.wg)	RUNOUT PIPE SIZE (NPS)	ROWS		
4	4	10x 10	NAILOR	D30RW	225	55	97.2	0.3	180	0.68	0.39	1/2"	1	10 x 10	1. ALL TERMINAL BOXES TO BE PRESSURE INDEPENDENT ONE PIECE. 2. BOXES CW 36" LONG INTEGRAL SOUND ATTENUATOR. BOXES AND ATTENUATORS TO BE CW 'STERILINER' LINING OR APPROVED ALTERNATE WITH ACCESS PANEL IN ATTENUATOR FOR REHEAT COIL. 3. REHEAT COILS SHALL BE LOCATED DOWNSTREAM OF ATTENUATORS. 4. REHEAT COIL CONTROL VALVES TO BE PRESSURE INDEPENDENT CONTROL VALVE COMPLETE WITH TEST PORT. VALVES AND ACTUATORS TO BE CW 5 YEAR UNCONDITIONAL WARRANTY. CONTROL TRANSFORMER TO BE PROVIDED BY DIVISION 15900. PROVIDE SHOP DRAWINGS WITH SIZE AND CV CALCULATIONS FOR VALVES. PRESSURE DROP TO MATCH COIL. 5. MINIMUM LEAVING AIR TEMPERATURE SHALL BE 90F
8	6	12 x 12-1/2	NAILOR	D30RW	550	55	90.1	0.25	180	1.4	2.13	1/2"	1	12 x 12.5	
10	8	14 x 12-1/2	NAILOR	D30RW	1100	55	104.4	0.25	180	3.92	4.41	7/8"	2	14 x 12.5	

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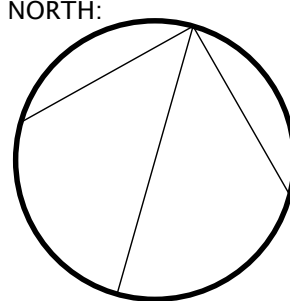
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LICENSED PROFESSIONAL ENGINEER
NOV 1224
MULGHY
100339783
222219
PROV/INCE OF ONTARIO


NORTH:



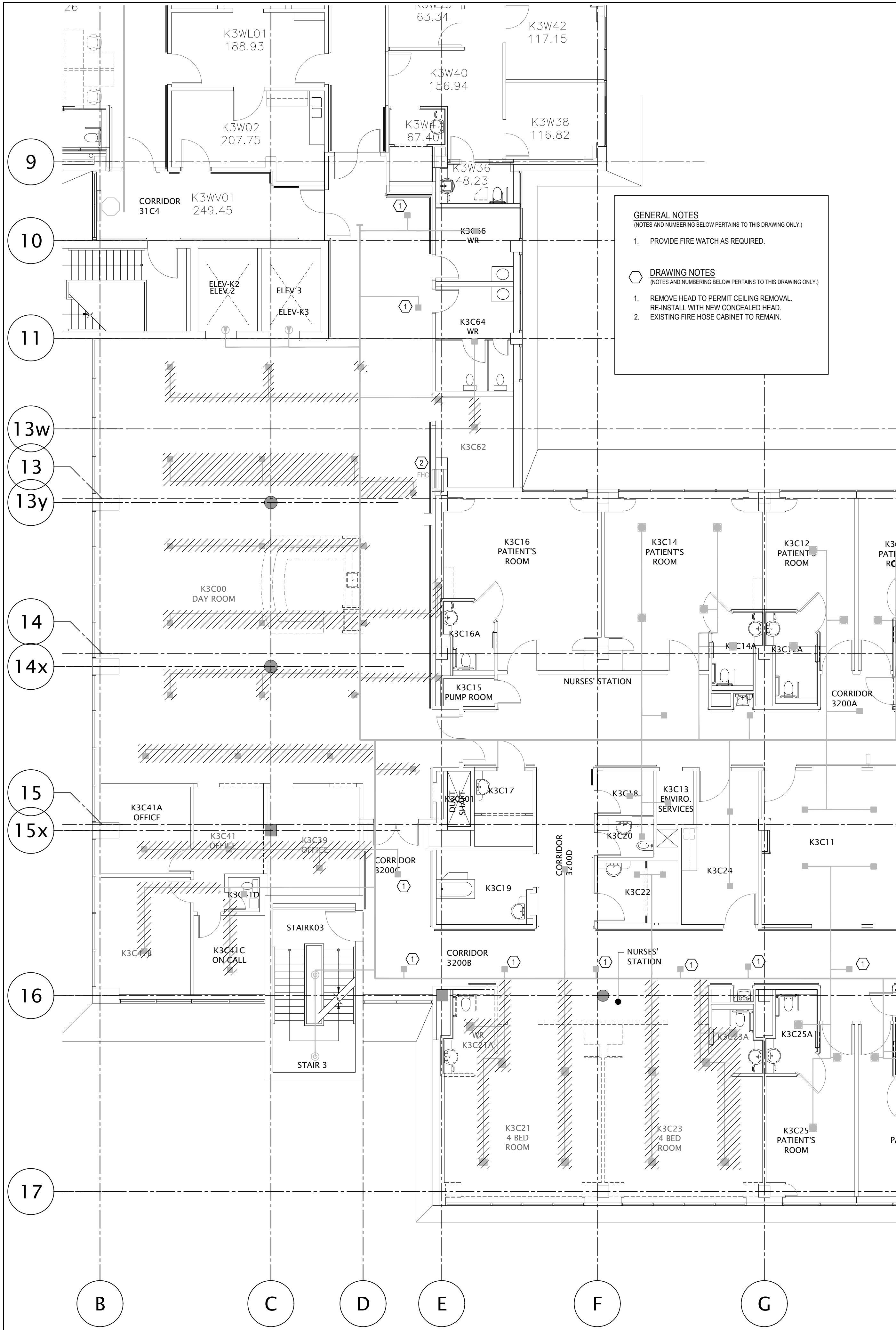
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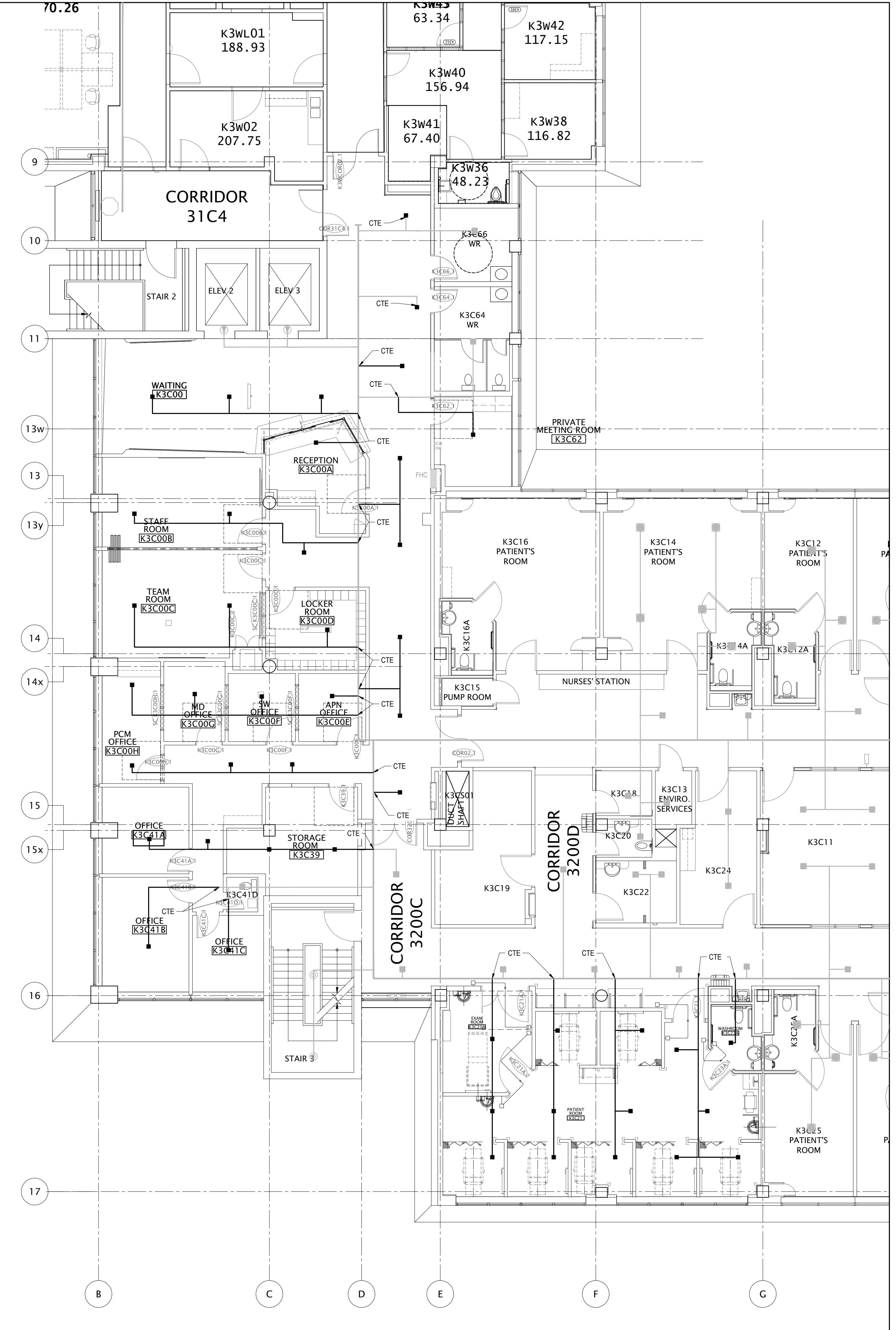
Project Manager D. WITALEC	Drawn K.L.
Project Leader M.L.	Checked R.P.
Client <div>Sunnybrook HEALTH SCIENCES CENTRE <small>2075 Bayview Ave., Toronto, ON, M4N 3M5</small></div>	
Project SUNNYBROOK HEALTH SCIENCE CENTRE K WING - HEMATOLOGY	
Drawing Title SCHEDULES	
Check Scale (may be photo reduced) <div><div>01inch</div><div>010mm</div></div>	
Project No. ONBL22-0011 222219	Scale: AS NOTED
Drawing No. M-3	

ARCH D - 24"x36" - 60mmx914mm (rounded)



1 LEVEL 3 CENTRE WING PART FLOOR PLAN - FIRE PROTECTION DEMOLITION
M-4 1/8"=1'-0"

- GENERAL NOTES**
(NOTES AND NUMBERING BELOW PERTAINS TO THIS DRAWING ONLY.)
1. PROVIDE FIRE WATCH AS REQUIRED.
- DRAWING NOTES**
(NOTES AND NUMBERING BELOW PERTAINS TO THIS DRAWING ONLY.)
1. REMOVE HEAD TO PERMIT CEILING REMOVAL. RE-INSTALL WITH NEW CONCEALED HEAD.
 2. EXISTING FIRE HOSE CABINET TO REMAIN.



2 LEVEL 3 CENTRE WING PART FLOOR PLAN - FIRE PROTECTION NEW WORK
M-4 1/8"=1'-0"

DATE	ISSUED FOR	REV
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Client

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2075 Bayview Ave., Toronto, ON, M4N 3M5

Project

SUNNYBROOK HEALTH SCIENCE CENTRE
K WING - HEMATOLOGY

Drawing Title

LEVEL 3 PART FLOOR PLAN
FIRE PROTECTION DEMOLITION AND
NEW WORK

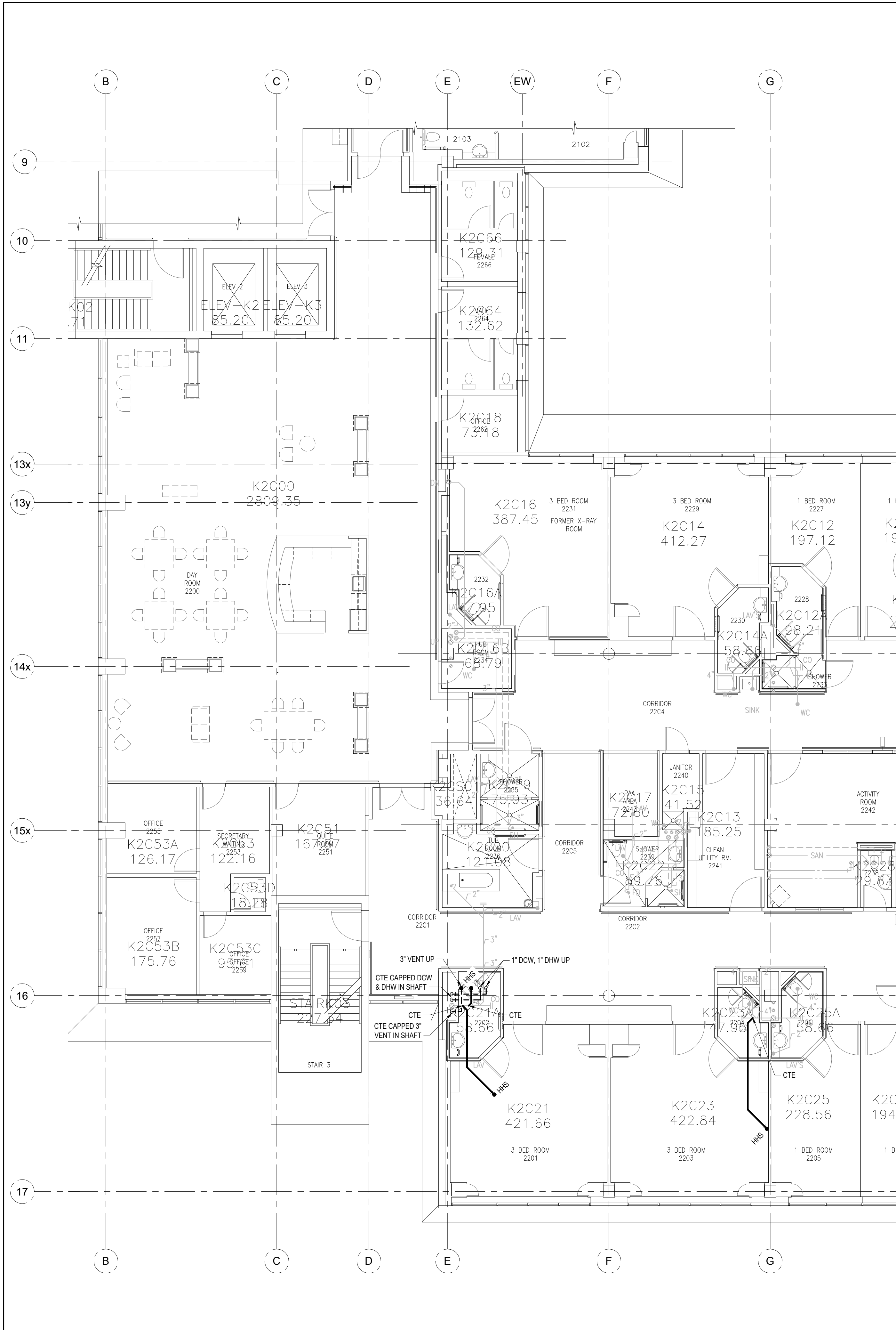
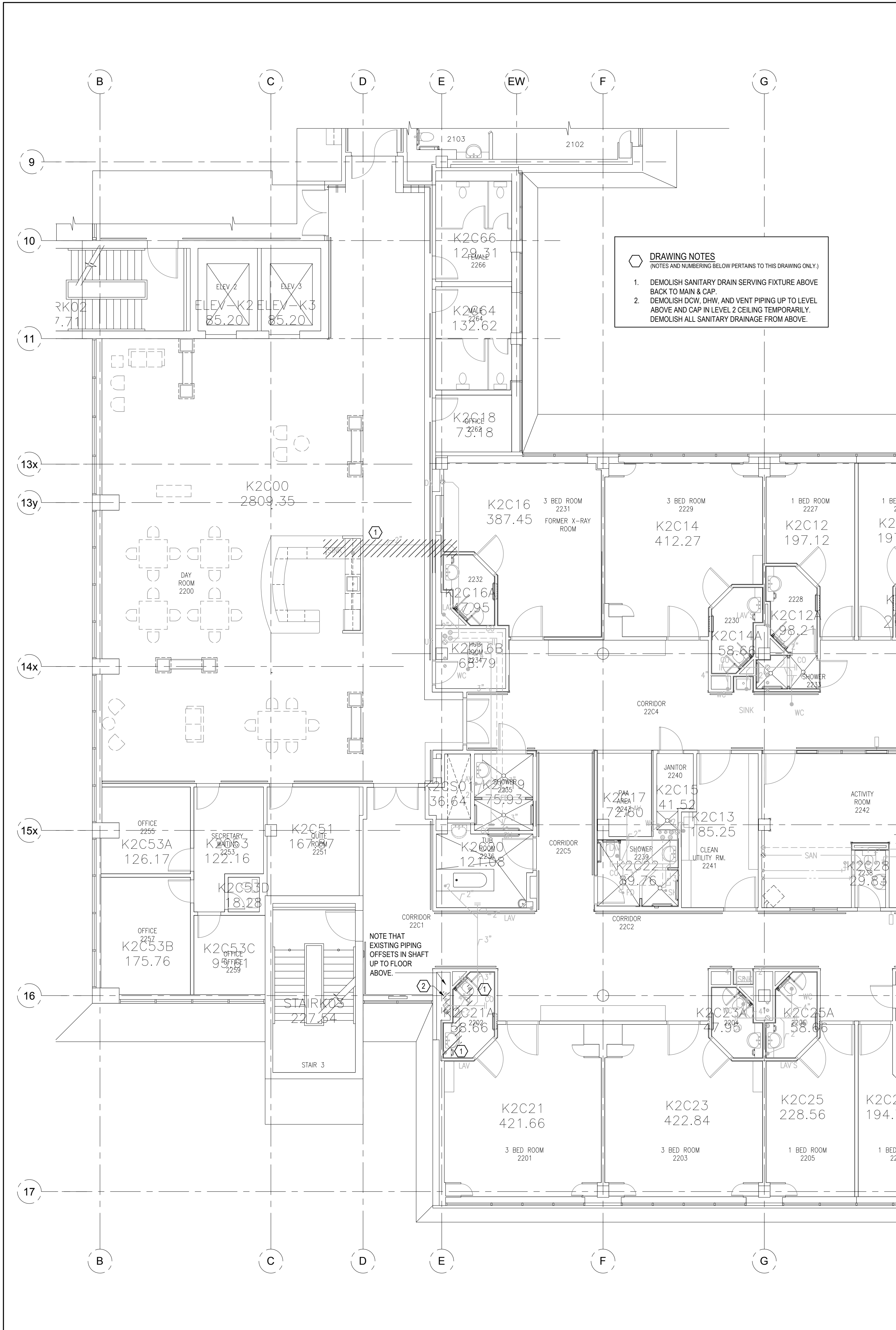
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0 1 inch 0 10mm


Project No. ONBL22-0011
2222219

Drawing No. M-4

Scale: AS NOTED



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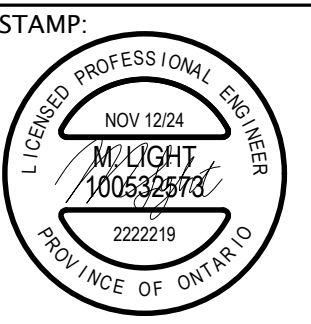
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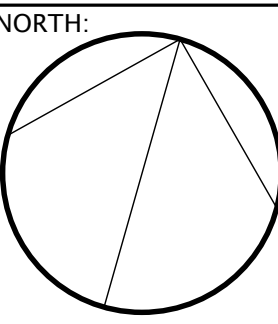
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Project Leader M.L.	Checked R.P.

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2075 Bayview Ave., Toronto, ON, M4N 3M5

Project

SUNNYBROOK HEALTH SCIENCE CENTRE
K WING - HEMATOLOGY

Drawing Title

LEVEL 2 PART FLOOR PLAN
PLUMBING DEMOLITION AND
NEW WORK

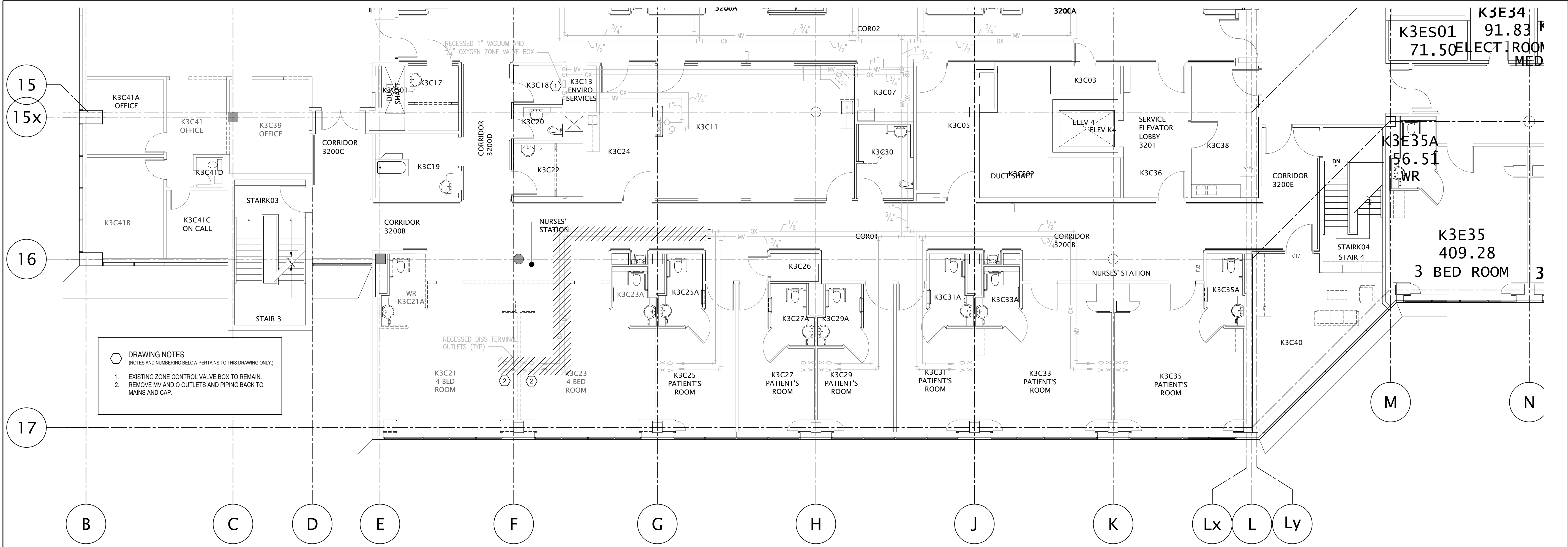
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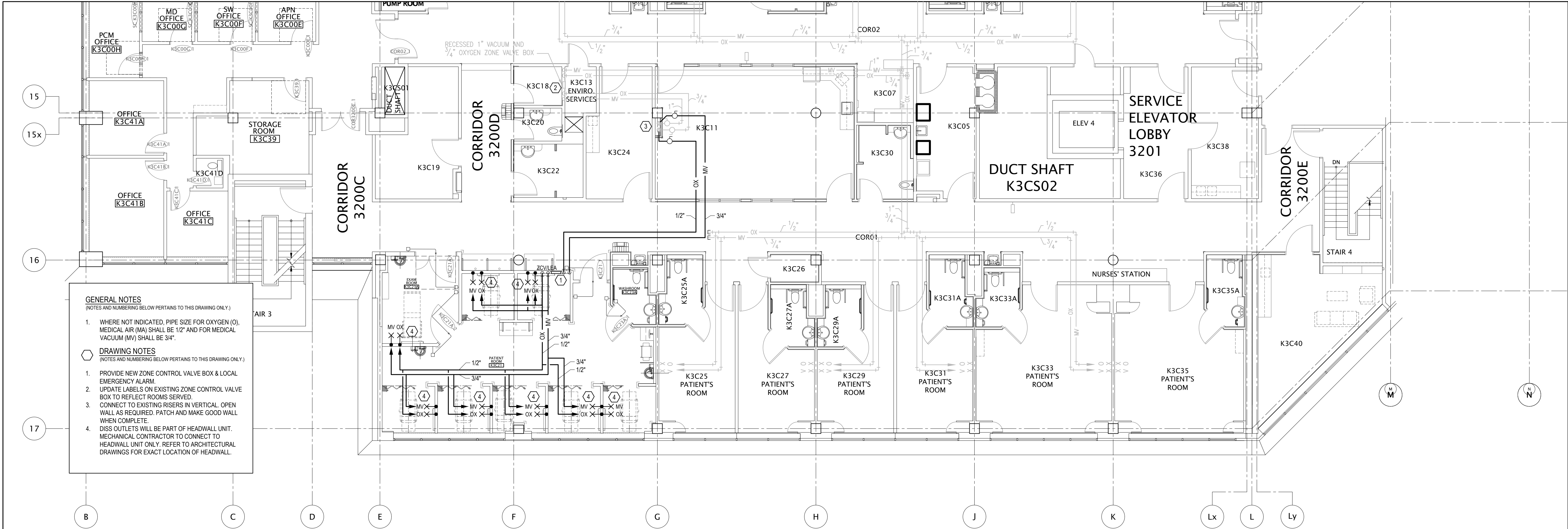
Project No. ONBL22-0011 2222219	Scale: AS NOTED
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Drawing No. **M-5**

ARCH D - 24"x36" - 6 (0mmx914mm (rounded))



1 LEVEL 3 CENTRE WING PART FLOOR PLAN - MEDICAL GAS DEMOLITION
M-7 1/8"=1'-0"



2 LEVEL 3 CENTRE WING PART FLOOR PLAN - MEDICAL GAS NEW WORK
M-7 1/8"=1'-0"

DATE	ISSUED FOR	REV
2024-06-04	ISSUED FOR CD SIGN OFF	1
2024-11-12	TENDER-PERMIT	2

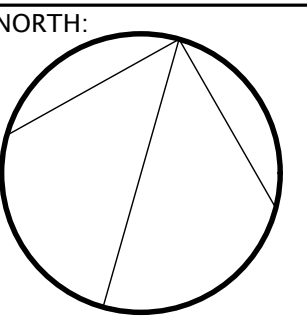
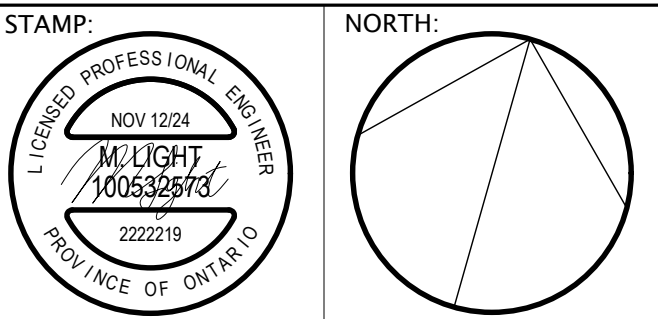


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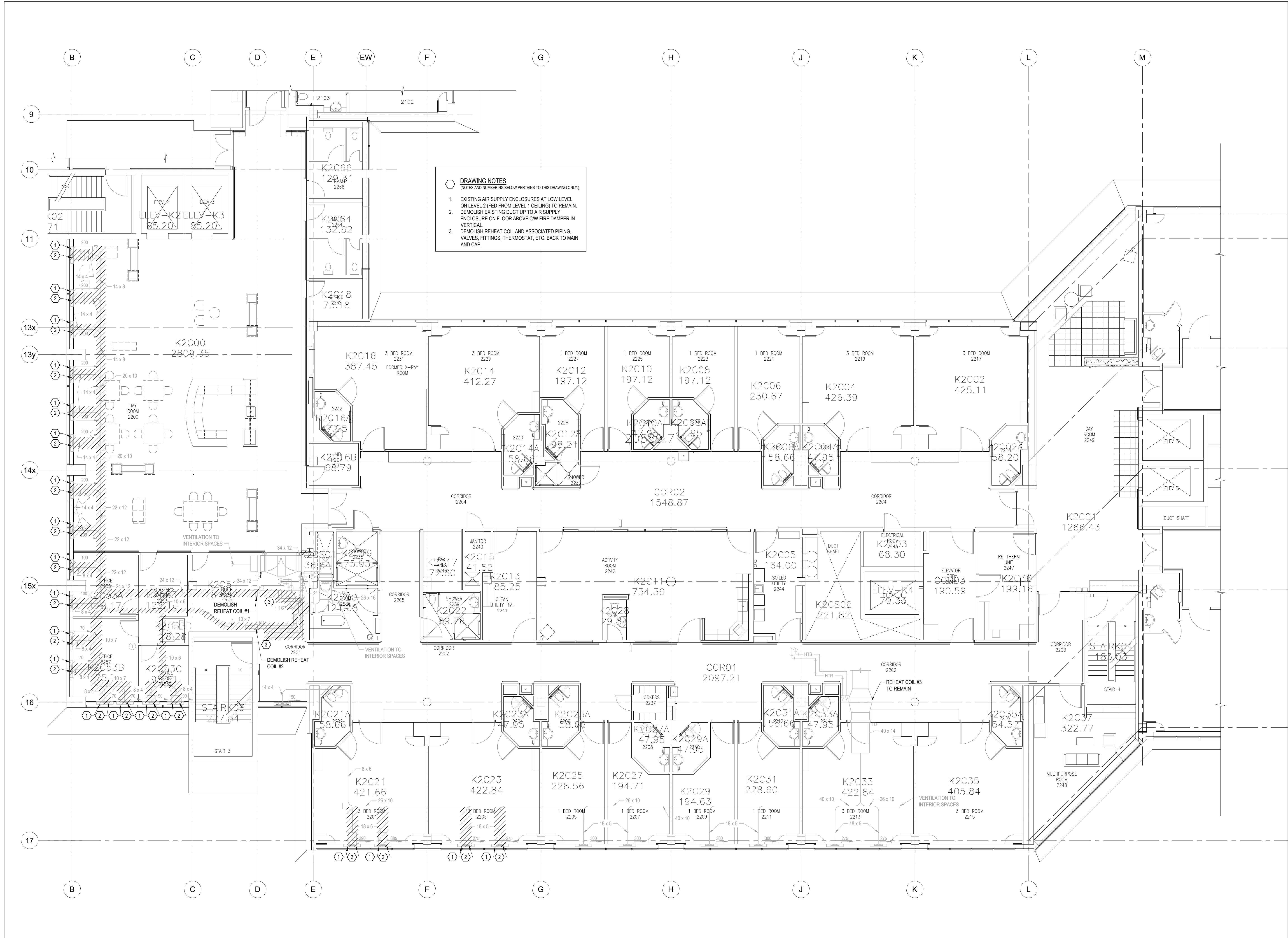
Project
SUNNYBROOK HEALTH SCIENCE CENTRE
K WING - HEMATOLOGY

Drawing Title
LEVEL 3 PART FLOOR PLAN
MEDICAL GAS DEMOLITION AND
NEW WORK

Check Scale (may be photo reduced)
0 1 inch 0 10mm

Project No. ONBL22-0011
2222219

Drawing No. M-7
Scale: AS NOTED



1 LEVEL 2 CENTRE WING PART FLOOR PLAN - HVAC DEMOLITION
M-8 1/8"=1'-0"

DATE	ISSUED FOR	REV
2024-06-04	ISSUED FOR CD SIGN OFF	1
2024-11-12	TENDER-PERMIT	2

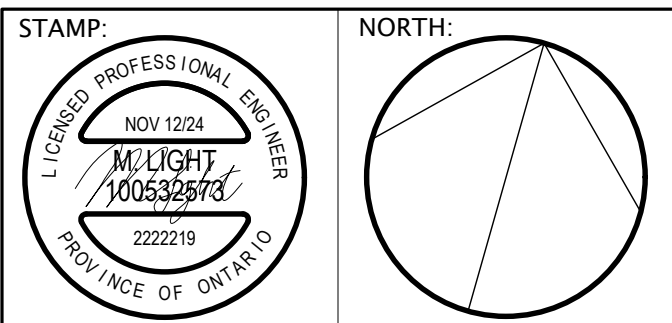


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Project Leader M.L.	Checked R.P.

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Project
SUNNYBROOK HEALTH SCIENCE CENTRE
K WING - HEMATOLOGY

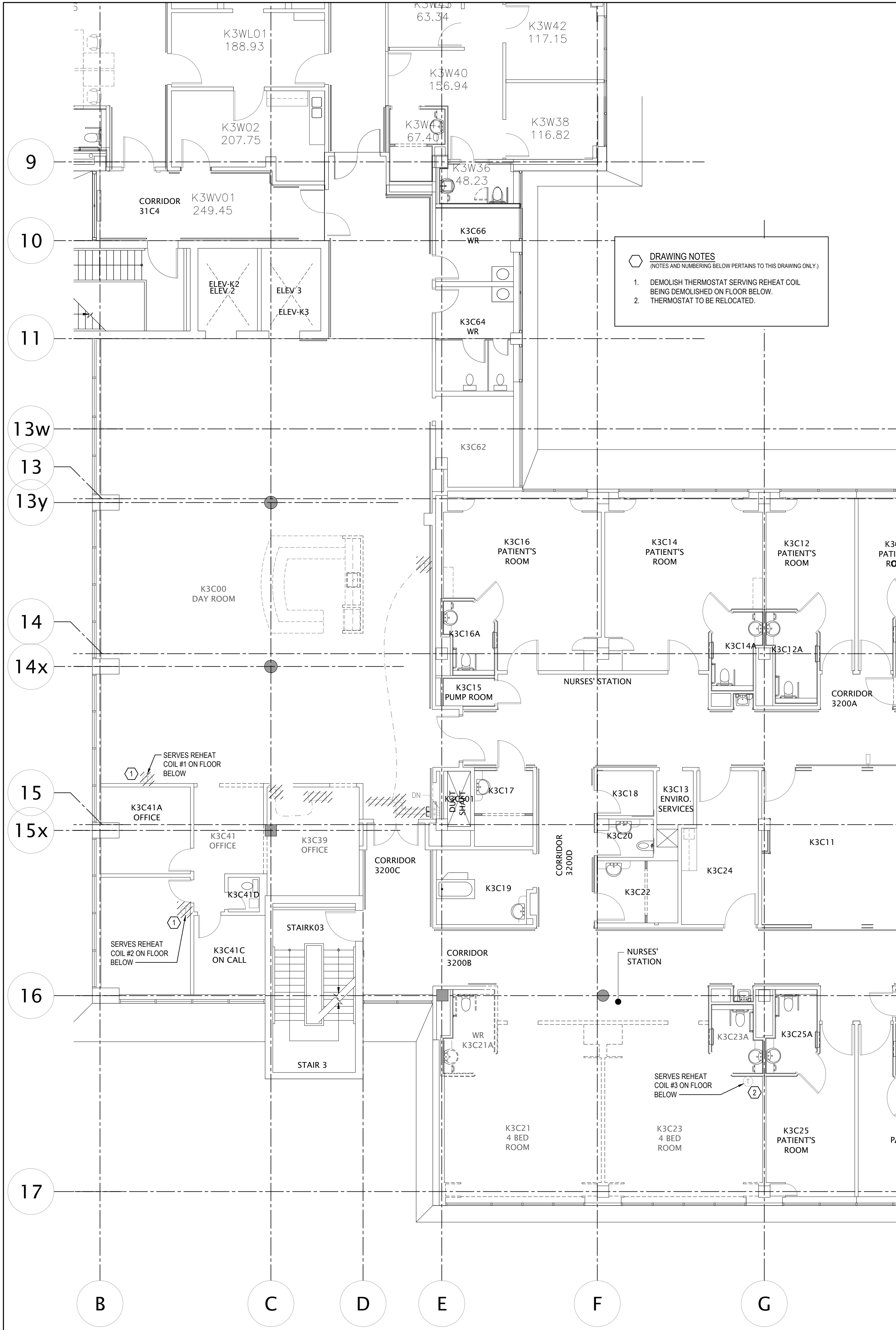
Drawing Title
LEVEL 2 PART FLOOR PLAN
HVAC DEMOLITION

Check Scale (may be photo reduced)
0 1 inch 0 10mm

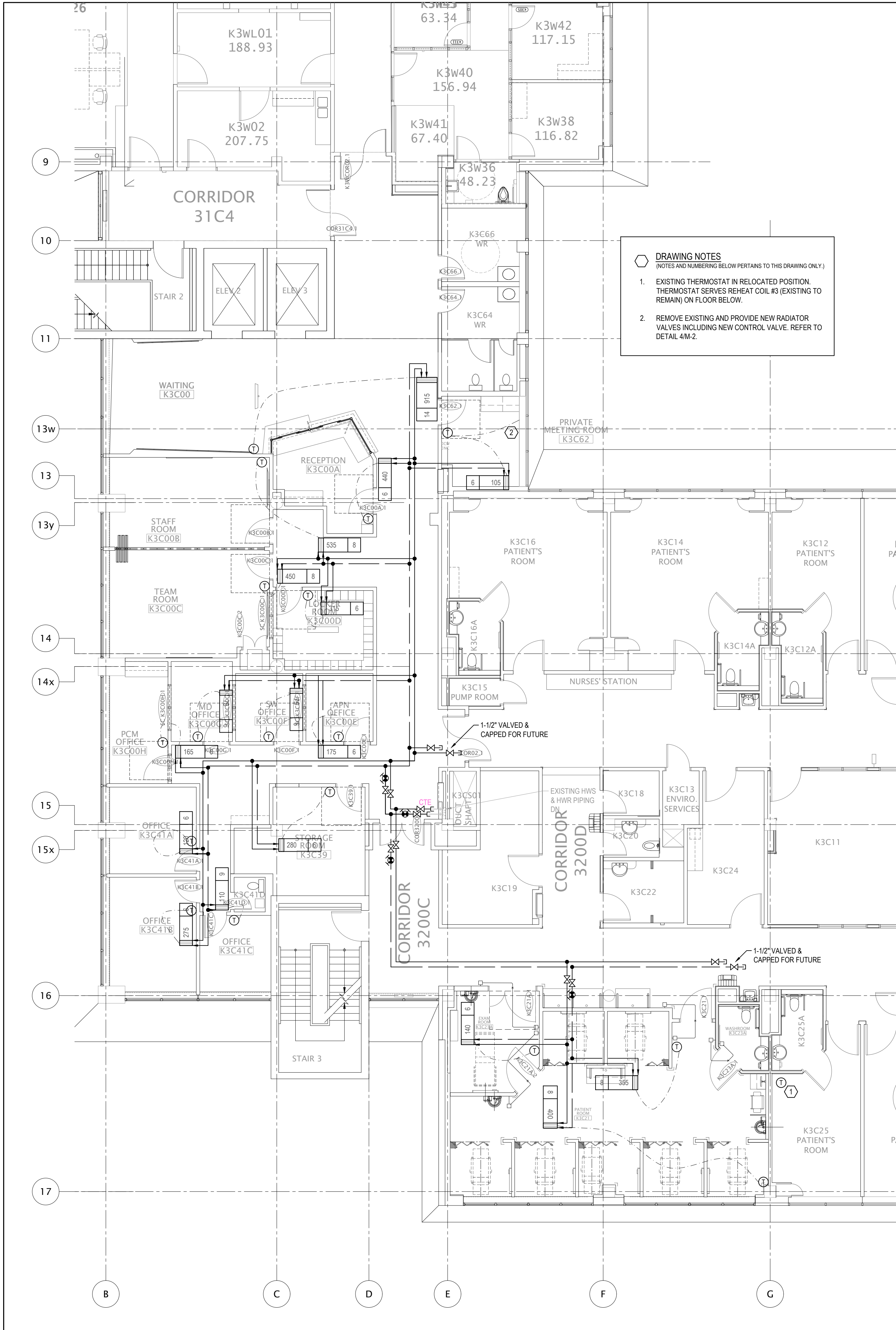
Project No. ONBL22-0011
222219 Scale: AS NOTED

Drawing No.
M-8

ARCH D - 24"x36" - 6 0mmx91 4mm (rounded)



1 LEVEL 3 CENTRE WING PART FLOOR PLAN - HVAC PIPING DEMOLITION
M-9 1/8"=1'-0"



2 LEVEL 3 CENTRE WING PART FLOOR PLAN - HVAC PIPING NEW WORK
M-9 1/8"=1'-0"

DATE	ISSUED FOR	REV
2024-06-04	ISSUED FOR CD SIGN OFF	1
2024-11-12	TENDER-PERMIT	2

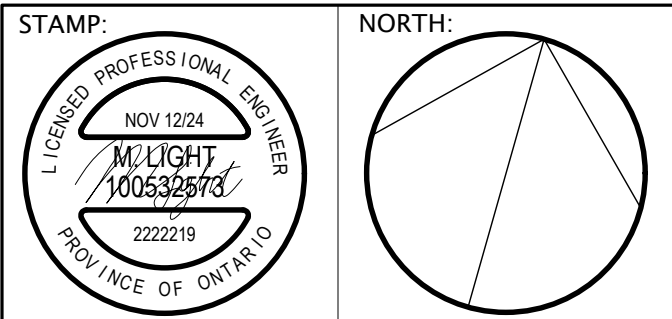


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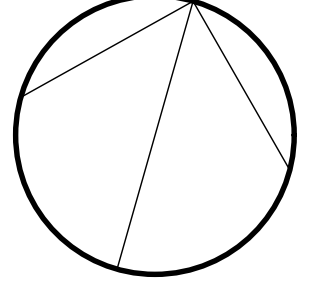
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Project Leader M.L.	Checked R.P.



Project
SUNNYBROOK HEALTH SCIENCE CENTRE
K WING - HEMATOLOGY

Drawing Title
LEVEL 3 PART FLOOR PLAN
HVAC PIPING DEMOLITION AND
NEW WORK

Check Scale (may be photo reduced)
0 1 inch 0 10mm

Project No. ONBL22-0011
2222219
Drawing No. M-9



DATE	ISSUED FOR	REV
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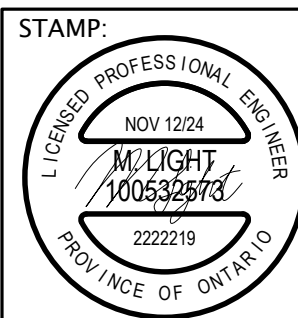


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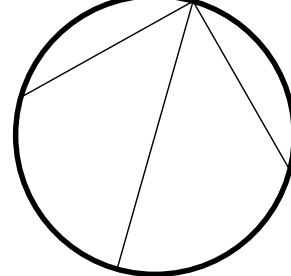
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Project Leader M.L.	Checked R.P.

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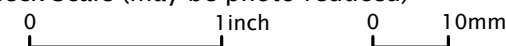


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Project
SUNNYBROOK HEALTH SCIENCE CENTRE
K WING - HEMATOLOGY

Drawing Title
LEVEL 3 PART FLOOR PLAN
VENTILATION DEMOLITION AND
NEW WORK

Check Scale (may be photo reduced)



Project No. ONBL22-0011

Scale: AS NOTED

Drawing No

M-10