



SUNNYBROOK HEALTH SCIENCES CENTRE
M-WING LEVEL 2 - HYBRID OPERATING ROOM

ISSUED FOR: TENDER
JULY 28, 2020

NORR

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CEILING PLAN SYMBOLS & LEGENDS 5
A00-01

DENOTES EXISTING GYPSUM BOARD CEILINGS AND ASSOCIATED SUSPENSION SUPPORT FRAMING ABOVE ANCHORED TO THE UNDERSIDE OF STRUCTURE TO BE REMOVED AND DISPOSED OF IN THEIR ENTIRETY
 DENOTES ACOUSTIC CEILING TO BE REMOVED AND DISPOSED OF OFF-SITE IN ITS ENTIRETY
 EXISTING CEILING HEIGHT
 DENOTES NEW SUSPENDED GYPSUM BOARD CEILING ASSEMBLY WITH OVERHEAD SUSPENSION SUPPORT SYSTEM ANCHORED TO UNDERSIDE OF STRUCTURE.
 DENOTES NEW 2' x 4' LAY-IN ACOUSTIC CEILING TILE IN SUSPENDED T-BAR CEILING GRID ASSEMBLY AS SPECIFIED.
 DENOTES NEW 2' x 2' LAY-IN ACOUSTIC CEILING TILE IN SUSPENDED T-BAR CEILING GRID ASSEMBLY AS SPECIFIED.
 LIGHT FIXTURE 2' x 4' REFER TO ELECTRICAL DWGS.
 LIGHT FIXTURE 2' x 2' REFER TO ELECTRICAL DWGS.
 POT LIGHT. REFER TO ELECTRICAL DWGS.
 WALL MOUNTED LIGHT FIXTURE. REFER TO ELECTRICAL DWGS.
 DENOTES NEW FINISHED INSTALLED CEILING HEIGHT
 SUPPLY DIFFUSER. REFER TO MECHANICAL DWGS.
 RETURN GRILLE. REFER TO MECHANICAL DWGS.
 DENOTES CEILING ACCESS PANEL
 DENOTES NEW "EXIT" SIGN
 DIRECTIONAL "EXIT" SIGN
 DENOTES NEW AUDIO SPEAKER FLUSHED MOUNTED WITHIN THE SUSPENDED CEILING ASSEMBLY

FLOOR PLAN SYMBOLS & LEGENDS 4
A00-01

EXISTING PARTITION, DOOR AND FRAME TO REMAIN
 EXISTING DOOR TO BE REMOVED
 WALL / PARTITION TO BE REMOVED
 DOOR NUMBER
 NEW DOOR
 NEW INTERIOR PARTITION
 INTERIOR PARTITION TYPE
 SCREEN NUMBER
 INTERIOR GLAZED SCREEN
 WAITING AREA
 ROOM NAME & ROOM NUMBER
 REFERENCE BUBBLE
 REMOTE RELEASE
 INTERCOM
 CARD READER
 HOLD OPEN
 ELECTRO - MAGNETIC LOCK
 POWER DOOR OPERATOR
 VERIFY IN FIELD
 FIRE HOSE CABINET - REFER TO MECHANICAL DRAWINGS
 ELECTRICAL PANEL - REFER TO ELECTRICAL DRAWINGS

ONTARIO BUILDING CODE DATA MATRIX - PART 3 & 9

ITEM	DESCRIPTION	OBC REFERENCE
1	PROJECT DESCRIPTION RENOVATION OF EXISTING OR UNIT IN M WING, 2ND FLOOR RENOVATION AREA 116.2 S.M. (1,251 S.F.)	<input type="checkbox"/> NEW <input type="checkbox"/> ADDITION <input checked="" type="checkbox"/> ALTERATION/RENOVATION <input type="checkbox"/> CHANGE OF USE PART 3 PART 9 2.1.1 9.10.1.3
2	MAJOR OCCUPANCY(S) <u>B2 CARE AND TREATMENT</u>	3.1.2.1 (1) 9.10.2
3	BUILDING AREA (m ²) EXISTING _____ NEW _____ UNCHANGED _____ TOTAL _____	1.4.1.2.(A)
4	GROSS AREA PER FLOOR (m ²) EXISTING <u>12 073</u> NEW <u>0</u> TOTAL <u>12 073</u>	1.4.1.2.(A)
5	NUMBER OF STOREYS ABOVE GRADE <u>EXISTING 19 STOREY</u> BELOW GRADE <u>2</u>	1.4.1.2.(A) & 3.2.1.1.
6	NUMBER OF STREETS/ FIRE FIGHTER ACCESS <u>3</u>	3.2.2.10 & 3.2.5
7	BUILDING CLASSIFICATION <u>Group B Division 2 - 3.2.2.18</u>	3.2.2.52
8	SPRINKLER SYSTEM PROPOSED <input checked="" type="checkbox"/> ENTIRE BUILDING [EXISTING] <input type="checkbox"/> SELECTED FLOOR AREAS <input type="checkbox"/> BASEMENT (EXISTING) <input type="checkbox"/> IN LIEU OF ROOF RATING	3.2.2.20.83 3.2.15 3.2.2.15
9	STANDPIPE REQUIRED (EXISTING TO REMAIN) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	3.2.9
10	FIRE ALARM REQUIRED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	3.2.4
11	WATER SERVICE / SUPPLY IS ADEQUATE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	3.2.5.7
12	HIGH BUILDING <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	3.2.6.
13	CONSTRUCTION RESTRICTIONS <input type="checkbox"/> COMBUSTIBLE PERMITTED <input checked="" type="checkbox"/> NON-COMBUSTIBLE REQUIRED <input type="checkbox"/> BOTH ACTUAL CONSTRUCTION <input type="checkbox"/> COMBUSTIBLE <input checked="" type="checkbox"/> NON-COMBUSTIBLE <input type="checkbox"/> BOTH	3.2.2.20-.83 3.1.17.
14	MEZZANINE(S) AREA (m ²) _____	3.2.1.1.(3)-(8)
15	OCCUPANT LOAD BASED ON <input type="checkbox"/> SQM/PERSON <input checked="" type="checkbox"/> DESIGN OF BUILDING	3.1.17.
16	BARRIER-FREE DESIGN <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	3.8.
17	HAZARDOUS SUBSTANCES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
18	REQUIRED FIRE RESISTANCE RATING (FRR) HORIZONTAL ASSEMBLIES FLOORS <u>2</u> ROOF <u>0</u> MEZZANINE <u>N/A</u> FRR OF SUPPORTING MEMBERS WALLS/COL <u>2</u> HOURS ROOF <u>0</u> HOURS MEZZANINE <u>N/A</u> HOURS	LISTED DESIGN NO. OR DESCRIPTION (SG-2) EXISTING REINF CONCRETE SLAB N/A N/A LISTED DESIGN NO. OR DESCRIPTION (SG-2) REINF CONCRETE COLUMNS & SHEAR WALLS N/A

ONTARIO BUILDING CODE DATA MATRIX PART 11

ITEM NO.	CATEGORY	REMARKS	OBC REFERENCE
11.1	EXISTING BUILDING CLASSIFICATION:	DESCRIBE EXISTING USE: GROUP B-2 (NO CHANGE IN OCCUPANCY, NO REDUCTION IN PERFORMANCE LEVEL RESULTING FROM THE ALTERATIONS OR INTERIOR RENOVATIONS, HAZARD INDEX: 7 NOT APPLICABLE (no change of major occupancy)	11.2.1 T 11.2.1.1A T 11.2.1.1j
11.2	ALTERATION TO EXISTING BUILDING IS:	BASIC RENOVATION: <input checked="" type="checkbox"/> EXTENSIVE RENOVATION: <input type="checkbox"/>	11.3.3.1 11.3.3.2
11.3	REDUCTION IN PERFORMANCE LEVEL:	STRUCTURAL: BY INCREASE IN OCCUPANT LOAD: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (explain) BY CHANGE IN MAJOR OCCUPANCY: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES PLUMBING: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES SEWAGE SYSTEM: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	11.4.2 11.4.2.1 11.4.2.2 11.4.2.3 11.4.2.5 11.4.2.5
11.4	COMPENSATING CONSTRUCTION:	STRUCTURAL: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (explain) INCREASE IN OCCUPANT LOAD: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (explain) CHANGE OF MAJOR OCCUPANCY: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (explain) PLUMBING: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (explain) SEWAGE SYSTEM: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (explain)	11.4.3 11.4.3.2 11.4.3.3 11.4.3.4 11.4.3.5 11.4.3.6
11.5	COMPLIANCE ALTERNATIVES PROPOSED:	<input checked="" type="checkbox"/> YES (give number(s)) <input type="checkbox"/> NO	11.5.1
11.6	ALTERNATIVE MEASURES PROPOSED:	<input checked="" type="checkbox"/> YES (explain) <input type="checkbox"/> NO	11.5.2

BUILDING CODE NOTES:
 ALL FIRE SEPARATIONS INCLUDING NON-RATED FIRE SEPARATIONS SHALL EXTEND TO UNDERSIDE OF STRUCTURE
 FIRE STOP NEW PENETRATIONS THROUGH NEW FIRE RATED WALLS AND TEMPORARY FIRE RATED CONSTRUCTION HOARDINGS
 FIRE STOP NEW PENETRATIONS THROUGH EXISTING FIRE RATED PARTITIONS & FLOOR SLAB

DRAWING LIST:

ARCHITECTURAL

A00-00 COVER SHEET
 A00-01 DRAWING LIST, OBC DATA MATRIX, GENERAL NOTES & LEGENDS
 A00-02 CONTRACTOR ACCESS SITE PLAN, CONSTRUCTION GENERAL NOTES
 A00-03 CONTRACTOR ACCESS ROUTES FLOOR PLANS
 A00-04 PARTIAL M-WING LEVEL 2 - EXISTING CONDITION PHOTOGRAPHS
 A00-05 PARTIAL M-WING LEVEL 3 - EXISTING CONDITION PHOTOGRAPHS

A01-01 PREVENTIVE MEASURES AND CONTROL BARRIER DETAILS, PARTITION SCHEDULE, GENERAL DETAILS
 A01-02 MOUNTING HEIGHTS AND WALL REINFORCEMENT
 A01-03 DOOR, FRAME & SCREEN SCHEDULE, DOOR & SCREEN FRAME DETAILS, FLOOR PLAN DETAILS

A10-01 PARTIAL M-WING LEVEL 2 LIFE SAFETY PLAN, TYPICAL DETAILS
 A10-02 PHASING PLANS

A20-00 PARTIAL M-WING BASEMENT AND LEVEL 1 IMPACT CEILING PLAN
 A20-01 PARTIAL M-WING LEVEL 2 DEMOLITION FLOOR PLAN AND LEGEND, GENERAL DEMOLITION AND REMOVAL NOTES
 A20-02 PARTIAL M-WING LEVEL 2 DEMOLITION CEILING PLAN, DEMOLITION, NOTES & LEGEND
 A20-03 PARTIAL M-WING LEVEL 3 DEMOLITION FLOOR PLAN

A21-01 PARTIAL M-WING LEVEL 2 CONSTRUCTION FLOOR PLAN, NOTES & LEGEND
 A21-02 PARTIAL M-WING LEVEL 3 CONSTRUCTION FLOOR PLAN

A22-01 HYBRID OR M2 CEILING PLAN AND UNISTRUTS LAYOUT
 A22-02 HYBRID OR M2 EQUIPMENT CEILING PLAN

A30-01 NORTH - SOUTH SECTION THROUGH HYBRID OR SUITE LOOKING WEST
 A30-02 NORTH - SOUTH SECTION THROUGH HYBRID OR SUITE LOOKING EAST
 A30-03 EAST - WEST SECTION THROUGH HYBRID OR SUITE LOOKING NORTH & SOUTH

A35-01 INTERIOR ELEVATIONS

A90-00 HYBRID OR M2 EQUIPMENT PLAN, EQUIPMENT LEGEND
 A90-01 HYBRID ORM2 FINISHES PLAN AND LEGEND

STRUCTURAL

S101 GENERAL NOTES
 S102 TYPICAL DETAILS

S201 PARTIAL EXISTING SECOND FLOOR FRAMING PLAN
 S202 PARTIAL EXISTING THIRD FLOOR FRAMING PLAN
 S201 SECTIONS, DETAILS AND EQUIPMENT SUPPORT FRAME SCHEDULE

MECHANICAL

M100 DRAWING LEGEND AND DRAWING LIST
 M200 PART PLAN LEVEL 1 - PLUMBING & MEDICAL GAS - DEMOLITION & NEW WORK
 M201 PART PLAN LEVEL 2 - PLUMBING & MEDICAL GAS - DEMOLITION
 M202 PART PLAN LEVEL 2 - PLUMBING & MEDICAL GAS - NEW WORK
 M300 PART PLAN LEVEL 2 - HVAC PIPING - DEMOLITION
 M301 PART PLAN LEVEL 2 - HVAC PIPING - NEW WORK
 M400 PART PLAN LEVEL 2 - VENTILATION - DEMOLITION
 M401 PART PLAN LEVEL 2 - VENTILATION - NEW WORK
 M500 PART PLAN LEVEL 3 - MECHANICAL ROOM - DEMOLITION
 M501 PART PLAN LEVEL 3 - MECHANICAL ROOM - DEMOLITION
 M502 PART PLAN LEVEL 3 - MECHANICAL ROOM - NEW WORK CONTINUED
 M600 PART PLAN LEVEL 2 - FIRE PROTECTION - DEMOLITION
 M601 PART PLAN LEVEL 3 - FIRE PROTECTION - NEW WORK
 M700 DETAILS & SCHEMATICS I
 M701 DETAILS & SCHEMATICS II
 M800 SCHEDULES

ELECTRICAL

E-1 ELECTRICAL LEGEND AND DETAILS
 E-2 PART PLAN LEVEL 2 - LIGHTING, POWER & SYSTEMS - DEMOLITION
 E-3 PART PLAN LEVEL 2 - LIGHTING - NEW
 E-4 PART PLAN LEVEL 2 - POWER & SYSTEMS - NEW
 E-5 PART PLAN LEVEL 2 - XRAY WIRING PLAN & DETAILS
 E-6 PART PLAN LEVEL 2 - XRAY WIRING SCHEDULES & DETAILS
 E-7 PART PLAN LEVEL 2 - XRAY UPS SYSTEM PLAN & DETAILS
 E-8 ELECTRICAL SCHEMATICS

DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
2020-07-28	TENDER	0

This drawing has been prepared solely for the use of Sunnybrook Health Sciences Centre and there are no representations of any kind made by NORR Limited Architects and Engineers to any party with whom NORR Limited Architects and Engineers has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

Keyplan

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Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

Drawing Title
**DRAWING LIST, OBC DATA MATRIX
 GENERAL NOTES & LEGENDS**

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

Project No. **ONBL19-0186**

Drawing No. **A00-01**

GENERAL NOTES:

A ALL ITEMS UNDER THIS CONTRACT ARE TO BE INSTALLED AND CONSTRUCTED IN COMPLIANCE WITH THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND REGULATIONS.

B ALTHOUGH ALL EFFORT HAS BEEN MADE TO ENSURE ACCURACY OF CONSTRUCTION DOCUMENTS, THE CONSULTANT DOES NOT WARRANT THE ACCURACY OF EXISTING BASE BUILDING CONDITIONS, DIMENSIONS OR MATERIALS DESCRIBED IN THE DRAWINGS. IT IS PRESUMED THAT THE GENERAL CONTRACTOR IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF HIS CONTRACT HAS VISITED THE PLACE OF WORK AND ITS SURROUNDINGS, AND HAS MADE A THOROUGH INVESTIGATION OF AS-BUILT CONDITIONS PRIOR TO SUBMITTING HIS TENDER. IT WOULD ALSO BE PRESUMED THAT HIS INVESTIGATION OF EXISTING SITE CONDITIONS SHALL BE TO THE EXTENT NECESSARY TO FAMILIARIZE HIMSELF WITH ALL APPARENT CONDITIONS AFFECTING THE WORK, INCLUDING REMOTE, CONCEALED AND ABOVE CEILING CONDITIONS, ETC.

C GENERAL CONTRACTOR TO PROVIDE HOARDING, DUST & FIRE BARRIERS PRIOR TO ANY WORK ON THE SITE. HOARDING TO BE CONSTRUCTED ACCORDING TO CSA STANDARDS & IPAC REQUIREMENTS TO THE SATISFACTION OF IPAC & CONSULTANTS. PROVIDE AND ERECT HOARDING/TARPS OPTIMIZING USEABLE AREA WITHIN THE CONSTRUCTION ZONE AND WORK LIMITS (COORDINATE WITH AND OBTAIN APPROVALS FROM THE HOSPITAL OF THE HOARDING PLANS PRIOR TO ERECTING). ENSURE APPROVED SITE OPERATIONS AND CONSTRUCTION ACCESS TO THE WORK ZONE DOES NOT INTERFERE W/ HOSPITAL OPERATIONS.

D CONTRACTOR SHALL NOTE AND ACKNOWLEDGE THAT THE BUILDING AND AREAS ADJACENT TO THE RENOVATION ZONE IS OCCUPIED AND PATIENT CARE OPERATIONS AND PUBLIC SAFETY SHALL GOVERN OVER THE CONTRACTOR'S SCHEDULE AND CONVENIENCE. THE CONTRACTOR'S FORCES SHALL LIMIT ACTIVITIES TO DESIGNATED WORK AREAS AND THE PRESCRIBED TIME RESTRAINTS.

E GENERAL CONTRACTOR TO MAINTAIN AND PRESERVE EXISTING LIFE/SAFETY SYSTEMS THROUGHOUT THE COURSE OF RENOVATIONS. IDENTIFY, PROVIDE EXIT LIGHTS, AND ILLUMINATE TEMPORARY MEANS OF EGRESS AS REQUIRED.

F PROVIDE ALL TEMPORARY FIRE PREVENTION AND PROTECTION MEASURES TO EXISTING BUILDING AS REQUIRED BY ALL AUTHORITIES HAVING JURISDICTION.

G EXITS-MAINTAIN EXITS, INCLUDING STAIRWAYS AND EXTERIOR DOORS. PROVIDE ACCEPTABLE ALTERNATIVE EXITS WHERE AN EXISTING EXIT IS BLOCKED OFF OR DELETED DUE TO CONSTRUCTION ACTIVITIES. WHERE ACCESS TO AN EXIT THROUGH THE CONSTRUCTION AREA IS ABSOLUTELY NECESSARY, CLEARLY DEFINE, PROTECT AND SEPARATE ACCESS FROM THE CONSTRUCTION AREA BY A SMOKE TIGHT FIRE SEPARATION EQUIVALENT TO A MINIMUM 3/4 HR FIRE RESISTANCE RATING.

H PATCH AND MAKE GOOD ALL PENETRATIONS THROUGH WALLS, CEILINGS AND FLOORS. PROVIDE ULC RATED FIRE STOP ASSEMBLIES & SMOKE SEALS AS REQUIRED TO ACHIEVE ADEQUATE FIRE SEPARATION OF WALL, CEILING OR FLOOR. THE CONTRACTOR TO MAINTAIN EXISTING FIRE RATING OF WALLS & FLOOR ASSEMBLIES. ANY PENETRATION THROUGH RATED ASSEMBLY SHALL BE FIRE STOPPED & SEALED TO UPHOLD EXISTING FIRE RATING.

J THE TERM "MAKE GOOD SURFACES AND FINISHES DAMAGED OR DISTURBED DUE TO WORK OF THIS CONTRACT TO MATCH EXISTING" SHALL MEAN PATCHING, REPAIRING OR FILLING OF EXISTING FLOORS, WALLS AND CEILINGS OR ANY OTHER EXPOSED SURFACES TO MATCH AND ALIGN WITH EXISTING ADJACENT SURFACES.

K WHERE REQUIRED REMOVE EXISTING FINISHES, INCLUDING PAINTING IN PREPARATION OF SURFACES TO RECEIVE NEW FINISHES. FILL CRACKS AND DEPRESSIONS WITH SUITABLE FILLER AND FINISH SMOOTH.

L ALL DRAWINGS TO BE READ IN CONJUNCTION WITH MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS AND SPECIFICATIONS, AS WELL AS LIMITED SUBSTANCES SURVEY REPORT. THE GENERAL CONTRACTOR SHALL ENSURE THAT MECHANICAL AND ELECTRICAL SUB-CONTRACTORS HAVE REVIEWED AND COORDINATED THEIR WORK WITH THE ARCHITECTURAL. CLAIMS FOR EXTRAS WILL NOT BE ACCEPTED FOR ISSUES ARISING DUE TO LACK OF INTERDISCIPLINARY COORDINATION, ITEMS BEING VISIBLE OR AVAILABLE FOR VERIFICATION DURING THE TENDER PERIOD OR DESCRIBED AS NEW IN THE CONTRACT DOCUMENTS. THE CONTRACTOR TO INSPECT THE EXISTING AREAS AND DETERMINE THE EXTENTS OF EXISTING FINISHES, MILLWORK, EQUIPMENT, AND OTHER ITEMS WHICH MUST BE TEMPORARILY REMOVED AND REINSTALLED IN ORDER TO COMPLETE THE WORK UNDER THIS CONTRACT.

M THE DRAWINGS AND SPECIFICATIONS DESCRIBE THE PERFORMANCE REQUIREMENTS OF THE WORK. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO COMMENCING THE WORK TO FULLY ESTABLISH THE EXTENT OF DEMOLITION AND CUT/PATCH WORK REQUIRED. HIS INVESTIGATION SHALL INCLUDE ABOVE CEILING CHECKS WHERE ACCESS IS FEASIBLE. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS TO THE CONSULTANT/VENDOR PRIOR TO COMMENCING THE WORK.

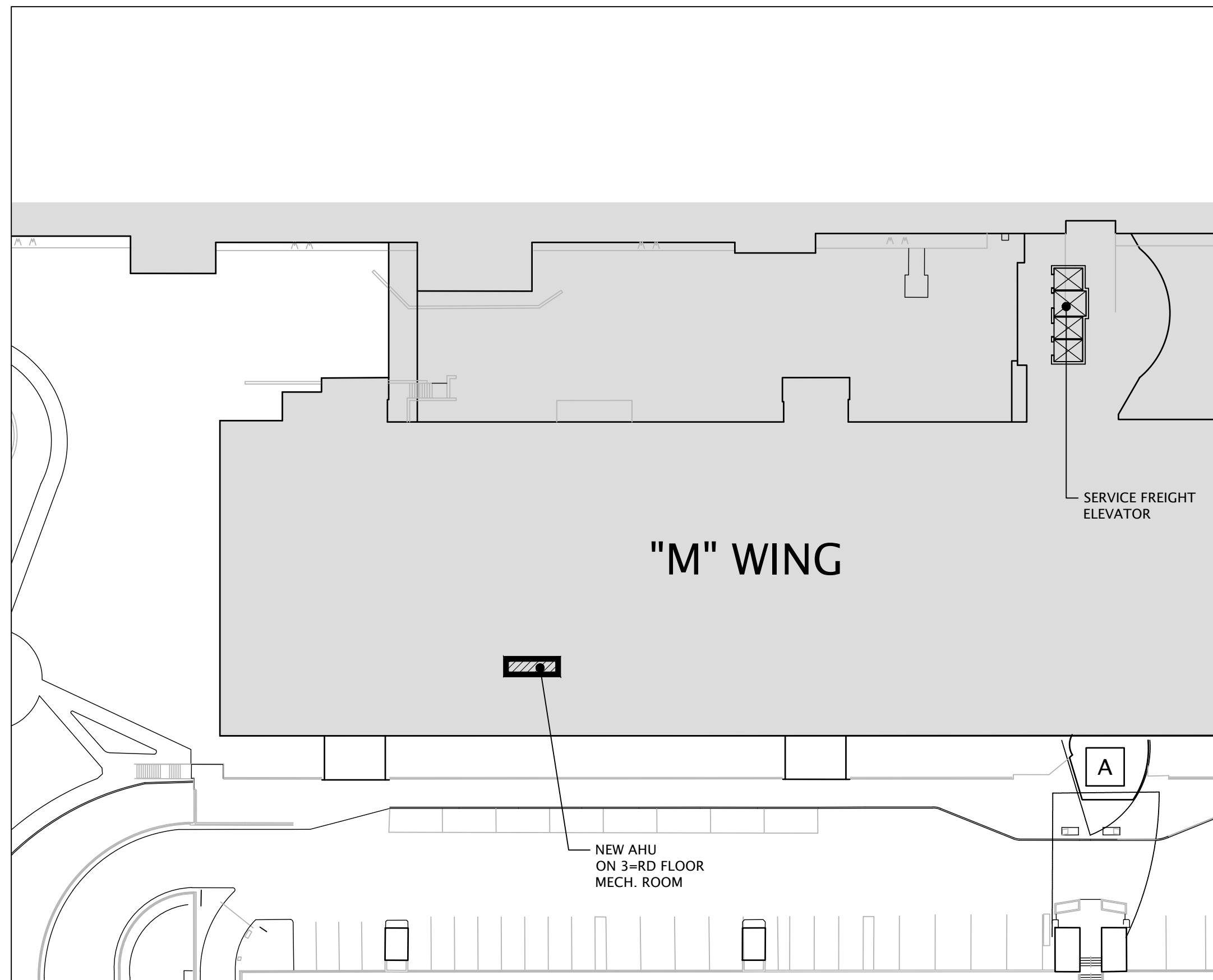
N THE CONSULTANTS AND OWNER WILL NOT CONSIDER CHANGES, SUBSTITUTIONS OR ALTERNATE SYSTEMS UNLESS IT CAN BE DEMONSTRATED THAT THE SPECIFIED/ILLUSTRATED ITEM IS INAPPROPRIATE, OR UNAVAILABLE FOR THE GIVEN APPLICATION AND OR SIGNIFICANT SAVINGS FOR THE OWNER CAN BE REALIZED.

P ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

Q THESE DRAWINGS MUST NOT BE SCALED.

R THE CONTRACTOR SHALL SUBMIT DETAILED HOARDING PLANS, INFECTION CONTROL PROCEDURES AND ASSOCIATED HOARDING WALL DETAILS TO DEMONSTRATE COMPLIANCE AND WILL BE REVIEWED ON SITE WITH HOSPITAL IP&C, RISK AND CPD PM TO SECURE REQUIRED APPROVALS PRIOR TO START OF ANY DEMOLITION & CONSTRUCTION ACTIVITIES ON SITE. HOARDING WALL TYPES, THEIR EXTENT AND BOUNDARY LIMITS MAY CHANGE TO SUIT SITE CONDITIONS AND HOSPITAL OPERATING REQUIREMENTS.

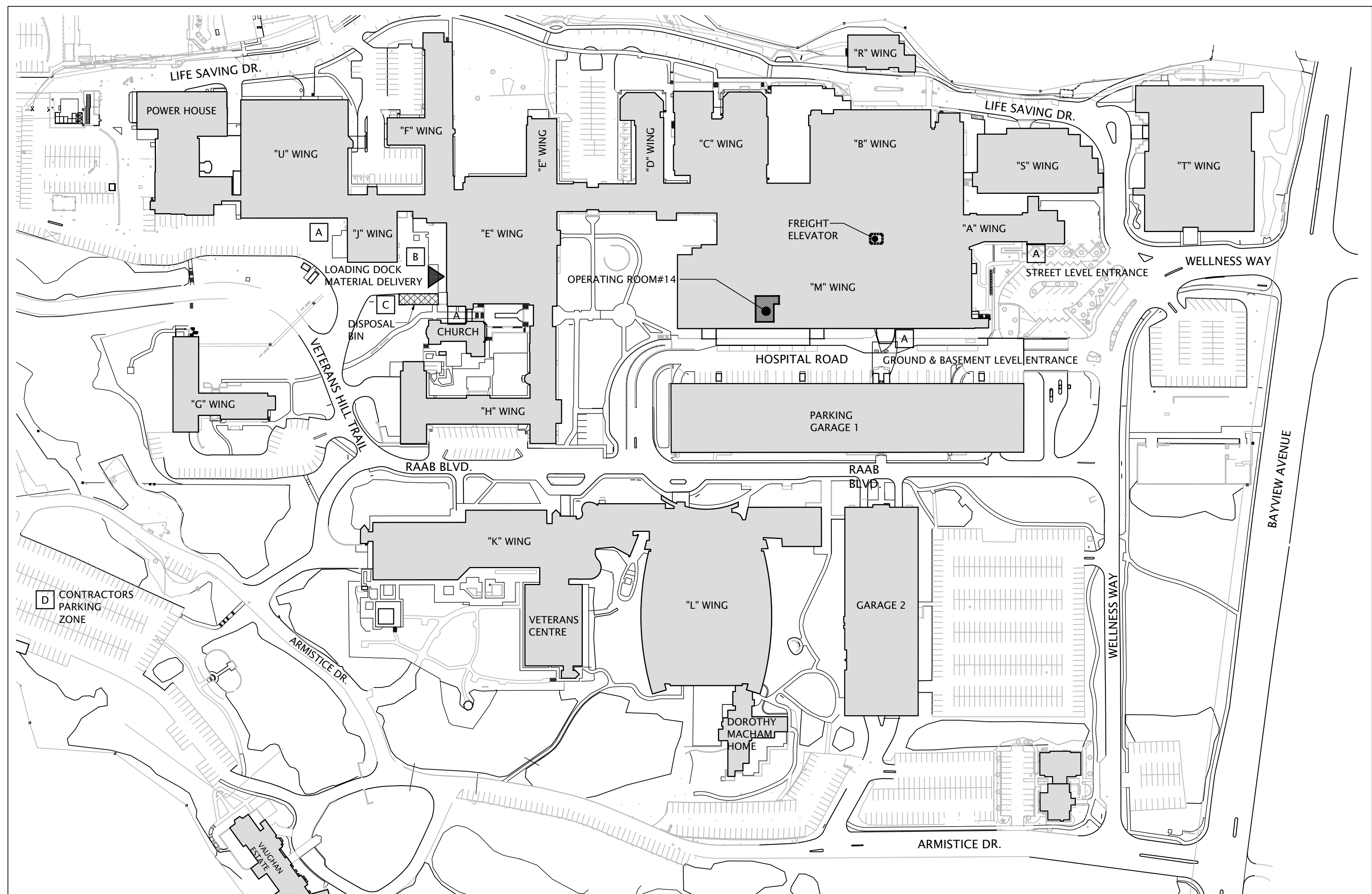
S ALL CONTRACTORS AND SUB-CONTRACTORS SHALL BE EXPECTED TO MAINTAIN THE STAFF TEAM (PM, SITE COORDINATOR, SITE SUPERINTENDENT, ETC) FROM PROJECT START TO SUBSTANTIAL COMPLETION. THE SITE SUPERINTENDENT (HOWEVER MANY ARE REQUIRED BY THE CONTRACTOR TO MAN ALL SHIFTS/AFTER HOURS TO FACILITATE THE WORK) IS REQUIRED AND MUST ALWAYS BE PRESENT AT ALL TIMES WHEN ANY CONSTRUCTION WORK OR ACTIVITIES THAT OCCUR, NO MATTER HOW MANY PEOPLE (OF TRADES, CONSTRUCTION PERSONNEL, VENDORS) ARE PRESENT ON SITE. ANY MODIFICATIONS TO THE CONSTRUCTION TEAM ORG CHART PROPOSED BY THE CONTRACTOR FROM THOSE INVOLVED SHALL BE APPROVED IN WRITING BY THE HOSPITAL PRIOR TO IMPLEMENTATION BY THE CONTRACTOR. 2 WEEKS NOTICE IS REQUIRED TO ANY PROPOSED CHANGE PRIOR TO THE START OF THE WORK. 4 WEEKS NOTICE IS REQUIRED PRIOR TO ANY PROPOSED CHANGES FOR HOSPITAL REVIEW DURING THE WORK.



ENLARGED M WING 4
A00-02

31. THE CONTRACTOR IS RESPONSIBLE TO VISIT THE "PLACE OF WORK" AS REQUIRED AND ATTEND THE MANDATORY SITE TOUR TO FULLY UNDERSTAND THE SCOPE OF WORK OF THE PROJECT, EXISTING CONDITIONS AND AREAS OF CONSTRAINTS. ADDITIONAL SITE VISIT REQUESTS SHALL BE MADE FORMALLY IN WRITING DURING THE TENDER PERIOD AND COULD BE ARRANGED AT THE DISCRETION OF THE HOSPITAL.
32. CONTRACTOR TO PROVIDE FLAG MEN DURING DELIVERY OF LARGE SHIPMENTS TO THE PLACE OF WORK TO ENSURE SAFETY OF THE PUBLIC, STAFF AND PATIENTS. CONTRACTOR TO PROVIDE PROPER CONSTRUCTION SAFETY SIGNAGE. CONTRACTOR SHALL RETAIN THE SERVICES OF A POLICE OFFICER TO REDIRECT TRAFFIC ON HOSPITAL PROPERTY DURING HOISTING AND CRANING OPERATIONS.
- A** BUILDING ACCESS: CONTRACTOR SHALL USE DESIGNATED ENTRANCES AND ENTER THE CONSTRUCTION AREA USING INTERNAL HOSPITAL CORRIDORS. CONTRACTOR SHALL NOT IMPED HOSPITAL OPERATIONS/ACTIVITY. CONTRACTORS SHALL GIVE HOSPITAL PRIORITY ACCESS AND MOVEMENT THROUGH ALL DESIGNATED ENTRANCES AND INTERNAL HOSPITAL CORRIDORS.
- B** E-WING GENERAL RECEIVING DOCK: THE CONTRACTOR CAN DO DELIVERIES MONDAY TO FRIDAY BETWEEN 7:00 AM AND 2:00 PM. ANY DOCK USAGE OUTSIDE OF THESE DAYS AND/OR TIME WILL REQUIRE ASSISTANCE OF HOSPITAL'S SECURITY GUARD, PAID BY THE CONTRACTOR AT RATE OF \$50/HR - AT 4 HR MINIMUM (\$200.00) PER OCCURRENCE. CONSTRUCTION MATERIALS MUST BE REMOVED FROM THE DOCK IMMEDIATELY, AND TRANSPORTED ALONG THE BASEMENT CORRIDOR TO M-WING SERVICE ELEVATOR AND THEN UP TO THE WORK AREA OR TO DESIGNATED WORK AREA.
- C** CONTRACTOR DISPOSAL BIN LOCATION (TO BE CONFIRMED BY THE HOSPITAL): CONTRACTOR SHALL EXCHANGE BIN ONLY BETWEEN THE HOURS OF 7PM AND 3 AM.
- D** PARKING: CONTRACTOR SHALL COORDINATE WITH THE HOSPITAL TO OBTAIN PARKING PERMITS AT THE PARKING CONTROL OFFICE FOR THE DESIGNATED CONTRACTOR PARKING SPOTS.
- E** CONTRACTOR'S SITE OFFICE AND STAGING AREA TBD BY THE HOSPITAL AFTER CONTRACT AWARD
- F** FREIGHT - M-WING SERVICE ELEVATOR BESIDE 2ND CUP: THE CONTRACTOR WILL BE ALLOWED TO USE THIS ELEVATOR (FOR DELIVERY OF MATERIALS AND REMOVAL OF DEBRIS) TO AND FROM THE WORK AREA, WITHIN THE TIME FRAME ALLOCATED DAILY BY THE HOSPITAL - SUBJECT TO FURTHER COORDINATION WITH THE HOSPITAL. DELIVERY OF MATERIALS WITH USE OF PASSENGER ELEVATORS IS STRICTLY PROHIBITED.
- AREA OF WORKS
CONTRACTORS BIN LOCATION
LOADING DOC ACCESS

CONTRACTOR ACCESS SITE PLAN LEGEND & NOTES 2
A00-02



CONTRACTOR ACCESS SITE PLAN 3
1:1500 A00-02

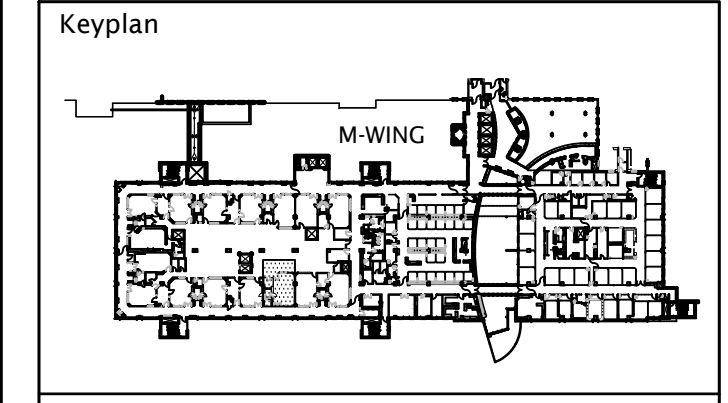
1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE AND MAKE ALLOWANCE FOR TIME AND COST IN THE BID, FOR IMPLEMENTATION OF HIS MEANS AND METHODS REQUIRED TO PERFORM THE WORK. SITE SET-UP CONDITIONS SHOWN ON THE DRAWINGS ARE CONCEPTUAL ONLY, AND THE GENERAL CONTRACTOR IS RESPONSIBLE TO EVALUATE AND ASCERTAIN THEIR SUITABILITY FOR THE INTENDED SCOPE OF WORK AND INCLUDE PROVISIONS IN THE BASE BID. THE GENERAL CONTRACTOR CAN EVALUATE ANY OTHER OPTIONS OF MEANS AND METHODS AVAILABLE TO THEM AND ELECT TO IMPLEMENT THEM, SUBJECT TO FINAL REVIEW AND APPROVAL OF OWNER PRIOR TO START OF CONSTRUCTION.
2. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND PAY FOR ALL REQUIRED STREET OCCUPANCY PERMITS FROM THE CITY AND/OR ANY OTHER AUTHORITY HAVING JURISDICTION.
3. SMOKING IS PROHIBITED IN BUILDING AND ON EXTERNAL GROUNDS SURROUNDING THE BUILDING BY CITY OF TORONTO BY-LAW.
4. THE GENERAL CONTRACTOR SHALL DO ALL WORK IN CONFORMANCE WITH ALL GOVERNING CODES & REGULATIONS.
5. MAINTAIN THE WORK AREA CLEAN, SAFE, AND SECURE AT ALL TIMES
6. MAINTAIN THE SECURITY OF THE WORK AREA AFTER HOURS WITH LOCKING HARDWARE ACCEPTABLE TO THE HOSPITAL AND FIRE DEPARTMENT AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE SECURITY OF THE CONSTRUCTION ZONE AT ALL TIMES WITH LOCKING HARDWARE THAT IS COMPATIBLE WITH 'BEST' CORES. CONTRACTOR TO COORDINATE WITH HOSPITAL IN ADVANCE OF COMMENCEMENT OF CONSTRUCTION ACTIVITY, FOR SHSC TO PROVIDE STANDARD BEST CORE AND KEY TO CONTRACTOR.
7. CONTRACTOR SHALL NOTE THAT THE BUILDING IS OCCUPIED AND PATIENT, STAFF AND PUBLIC SAFETY AND CONVENIENCE SHALL GOVERN OVER THE CONTRACTOR'S SCHEDULE AND CONVENIENCE WITHOUT PROTEST OR RIGHT TO DAMAGES FOR DELAY.
8. GENERAL CONTRACTORS AND HIS SUBCONTRACTORS ARE FINANCIALLY RESPONSIBLE FOR PROVIDING EACH MEMBER OF THEIR OWN FORCES WITH HOSPITAL I.D BADGES. DISTRIBUTION OF BADGES SHALL BE COORDINATED WITH THE PROJECT MANAGER AND PROPER RECORDS SHALL BE KEPT OF DATE OF ISSUE AND SUBSEQUENT RETURN UPON COMPLETION OF CONTRACT. THERE WILL BE ABSOLUTELY NO ADMITTANCE TO SITE WITHOUT PROPER IDENTIFICATION.
9. THE CONTRACTOR'S FORCES SHALL LIMIT ACTIVITIES TO DESIGNATED WORK AREAS WITHIN PRESCRIBED TIME RESTRAINTS.
10. ANY WORK UNDERTAKEN OUTSIDE THE DESIGNATED WORK AREAS SHALL BE SCHEDULED WITH HOSPITAL DURING BI-WEEKLY CONSTRUCTION MEETINGS AND PROVIDE NOTICE TO THE HOSPITAL IN WRITING A MINIMUM OF 2 WEEKS IN ADVANCE OF INTENTION TO COMMENCE WORK AND RECONFIRMING 48 HOURS PRIOR TO COMMENCEMENT. GENERAL CONTRACTOR TO ARRANGE SUPERVISED ACCESS AND EGRESS FROM ANY AREA, WHERE THE WORK NEEDS TO BE COMPLETED OUTSIDE OF CONSTRUCTION ZONE.
11. NO WORK SHALL BEGIN ON THE SITE UNTIL SUCH TIME AS ALL TEMPORARY HOARDING, SHORING AND/OR SAFETY BARRICADES ARE IN PLACE. THE GENERAL CONTRACTOR SHALL SUPPLY AND INSTALL PROFESSIONALLY PAINTED SAFETY AND DIRECTIONAL SIGNAGE AS PER LABOUR LEGISLATION AND AS REQUIRED BY THE JURISDICTIONAL AUTHORITIES AND AS REASONABLE TO ENSURE THE SAFETY OF THE WORKERS AND PUBLIC.
12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT EXISTING PROPERTY FROM DAMAGE AND REPAIR ANY ACCIDENTAL DAMAGE IMMEDIATELY WITHOUT ADDITIONAL COST TO THE OWNER.
13. MAINTAIN THE INTEGRITY OF EXISTING FIRE EXITS AND RATINGS AT ALL TIMES. GENERAL CONTRACTOR SHALL MAINTAIN AND PRESERVE EXISTING LIFE/SAFETY SYSTEMS THROUGHOUT THE COURSE OF RENOVATIONS. IDENTIFY, PROVIDE EXIT LIGHTS, AND ILLUMINATE TEMPORARY MEANS OF EGRESS AS REQUIRED. PROVIDE TEMPORARY FIRE SAFETY PROVISIONS AS REQUIRED BY FIRE DEPARTMENT AND FIRE MARSHALL FIRE FIGHTING EQUIPMENT, DETECTION AND WARNING SYSTEMS SHALL BE ABLE AND ACTIVE AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN EXISTING FIRE SEPARATION DURING THE CONSTRUCTION PERIOD AND SHALL NOT LEAVE OPENINGS IN ANY FIRE RATED PARTITIONS, FLOORS OR CEILING ASSEMBLIES. THE CONTRACTOR SHALL ENSURE TO FIRE STOP ALL PENETRATIONS TO ULC STANDARDS USING APPROVED METHODS AND MATERIALS.
14. FOR SUPPLY AND DELIVERY OF CONSTRUCTION MATERIALS SHALL BE SCHEDULED WITH THE HOSPITAL IN ADVANCE. DELIVERIES SHALL NOT BE MADE THROUGH THE MAIN BUILDING ENTRANCES. DELIVERY ACCESS TO THE PLACE OF WORK SHALL BE THROUGH DESIGNATED SHIPPING AND RECEIVING/UNLOADING AREA/DOCK AS INDICATED ON DRAWINGS. DELIVERIES SHALL BE SCHEDULED AT PROJECT DESIGNATED HOURS. CONTRACTOR SHALL COORDINATE DESIGNATED PROJECT DELIVERY HOURS AND PROJECT DESIGNATED SHIPPING AND RECEIVING AREA WITH HOSPITAL IN ADVANCE OF COMMENCEMENT OF WORK. LARGE DELIVERIES WHICH COULD AFFECT THE CONVENIENCE OF THE HOSPITAL SHALL BE SCHEDULED WITH THE HOSPITAL A MINIMUM OF 10 BUSINESS DAYS IN ADVANCE AND SHALL RECEIVE PRE-APPROVAL FROM THE HOSPITAL FOR USE OF THE GENERAL RECEIVING DOCK. THE CONTRACTOR MAY NOT STORE OR TRANSPORT CONSTRUCTION MATERIAL OUTSIDE THE DESIGNATED WORK AREA OR WITHIN PUBLIC CORRIDORS AT ANY TIME UNLESS SPECIFIED AND AGREED IN WRITING BY THE HOSPITAL.
15. THE LOADING ZONE/GENERAL RECEIVING DOCK WILL BE AVAILABLE FOR THE DELIVERY OF EQUIPMENT, MATERIALS AND GARBAGE REMOVAL. CONTRACTOR ACCESS TO THE LOADING ZONE SHALL BE SCHEDULED WITH THE HOSPITAL A MINIMUM OF 10 BUSINESS DAYS IN ADVANCE AND SHALL RECEIVE PRE-APPROVAL FROM THE HOSPITAL FOR USE. IN NO WAY SHALL ANY VEHICLES BE PERMITTED TO PARK THERE. ONCE EQUIPMENT AND MATERIALS ARE UNLOADED THEY MUST BE TAKEN TO THE STAGING AREA OR DESIGNATED WORK AREA INDICATED BY THIS CONTRACT WITHIN A MAXIMUM OF ONE HOUR. DOLLIES USED FOR DELIVERY AND TRANSPORTATION OF MATERIAL AND EQUIPMENT TO SITE SHALL BE SUPPLIED AND MAINTAINED BY PROPERTY OF THE GENERAL CONTRACTOR AND KEPT CLEAN AT ALL TIMES. TEMPORARY RECEIVING/STORAGE OF ALL MATERIALS WITHIN THE LOADING ZONE HAS TO BE IN LOCATIONS AGREED UPON BY SHIPPING/RECEIVING STAFF. IF SHIPPING/RECEIVING STAFF ARE NOT AVAILABLE, TEMPORARY RECEIVING/STORAGE SHALL BE COORDINATED WITH HOSPITAL SECURITY. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR ASK TO USE OR USE ANY EQUIPMENT OWNED BY THE HOSPITAL. THERE WILL BE NO STORAGE OF MATERIALS IN THIS AREA WHATSOEVER. MATERIALS MUST BE MOVED TO THE DESIGNATED AREA OF WORK. IN NO WAY WILL HOSPITAL BE RESPONSIBLE FOR ANY DAMAGE TO OR THEFT OF EQUIPMENT OR MATERIALS STORED WITHIN THE CONTRACTOR'S STAGING AREA OR WORK SHE LIMITS.
16. THE CONTRACTOR SHALL PROVIDE THE HOSPITAL PROJECT MANAGER WITH THREE (3) DIFFERENT CONTACT PHONE NUMBERS THAT WILL BE GIVEN TO THE HOSPITAL SHIPPING AND RECEIVING (S&R) STAFF SO THAT 2-WAY COMMUNICATION BETWEEN THE CONTRACTOR AND S&R STAFF CAN BE ESTABLISHED, ALLOWING THE CONTRACTOR TO BE NOTIFIED IMMEDIATELY FOLLOWING DELIVERIES TO SITE AND TO IMMEDIATELY FACILITATE THEIR REMOVAL. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ASSURING THE LOADING DOCK AND SURROUNDING AREA IS PROTECTED FROM DAMAGE DURING THE CONSTRUCTION PERIOD AND IS TOTALLY LIABLE TO REPAIR ANY SUCH DAMAGE TO THE COMPLETE SATISFACTION OF THE OWNER.
17. THE ELEVATOR CAB INTERIORS SHALL BE PROTECTED WITH 1/2" PLYWOOD LINER WITH PROTECTIVE ELEVATOR BLANKET COVERS TO BE VISUALLY UNIFORM AND APPROVED BY HOSPITAL PRIOR TO INSTALL. THE LINER SHALL BE A FREE STANDING FRAME CONSTRUCTION. DO NOT TRANSPORT MATERIALS ON THE ELEVATOR WITH AN AGGREGATE WEIGHT GREATER THAN THE ELEVATORS DESIGNED CAPACITY. FABRICATE AND ORDER MATERIALS AND EQUIPMENT TO SUIT ELEVATOR DELIVERY/TRANSPORT. THE INDICATED ELEVATOR WILL BE USED FOR THE VERTICAL TRANSPORTATION OF CONSTRUCTION MATERIALS TO THE CONSTRUCTION AREA. THE USE OF ELEVATOR FOR EXTENDED PERIODS SHALL BE SCHEDULED WITH THE HOSPITAL PROJECT MANAGER. LARGE DELIVERIES WHICH COULD AFFECT THE CONVENIENCE OF THE HOSPITAL SHALL BE SCHEDULED WITH THE HOSPITAL IN ADVANCE AFTER REGULAR OPERATING HOURS OF OPERATION OR ON EVENINGS/WEEKENDS.
18. CONTRACTOR DISPOSAL BIN SHALL BE LOCATED IN DESIGNATED AREA. CONTRACTOR SHALL MAKE ACCEPTABLE ARRANGEMENTS WITH THE OWNER FOR THE REMOVAL OF REFUSE OFF THE SITE. BIN REPLACEMENT SHALL OCCUR AT DESIGNATED TIMES AS ARRANGED WITH OWNER. PROVIDE FLAG MEN AT PICKUP AND DELIVERY OF DISPOSAL BIN TO ENSURE THE SAFETY OF STAFF. ALL PORTABLE REFUSE BINS TO BE COVERED, SECURED AND WIPED DOWN WITHIN THE AREA OF CONSTRUCTION PRIOR TO ENTERING ANY PUBLIC SPACE. LEAVE ROUTE CLEAN (VACUUM AND MOP AS REQUIRED). CONTRACTOR SHALL CLEAN UP ANY LOOSE DEBRIS LEFT AROUND DISPOSAL BIN AREA AT THE END OF EACH DAY. ONCE CONTRACT IS COMPLETE THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAKING GOOD THE DISPOSAL BIN AREA BACK TO ITS ORIGINAL CONDITION I.E. THE REPAIRING OF CURBS, PAVING, HARDSCAPE SURFACES, ETC.
19. THE CONTRACTOR AND HIS FORCES SHALL NOT PARK OR BLOCK ACCESS TO THE HOSPITAL ENTRANCE AREA OR LOADING ZONES. THE LOADING AREA MUST BE KEPT CLEAR AT ALL TIME. NO TEMPORARY STORAGE ALLOWED AT ANY TIME.
20. THERE WILL BE ABSOLUTELY NO PARKING PERMITTED WITHIN VISITOR/STAFF DESIGNATED PARKING ZONE. ANY VEHICLES PARKED WITHIN THESE AREA SHALL BE SUBJECT TO BEING TAGGED AND/ OR TOWED AT THE VEHICLE OWNERS EXPENSE. THE CONTRACTOR SHALL OBTAIN PARKING PERMITS AT THE THE HOSPITAL'S PARKING OFFICE FOR THE DESIGNATED CONTRACTOR PARKING SPOTS AS ARRANGED WITH THE OWNER.
21. THE MAIN HOSPITAL ENTRANCE DRIVEWAY AND DROP OFF ZONE MUST BE KEPT UNOBSTRUCTED AND OPEN TO TRAFFIC AT ALL TIMES. THIS ZONE SHALL NOT TO BE USED FOR CONTRACTOR ACCESS OR FOR QUICK DELIVERIES.
22. ALL MAJOR CUTTING OF MATERIAL SHOULD BE COMPLETED OFFSITE. ALL NOISE GENERATING CONSTRUCTION/DEMOLITION ACTIVITY WITHIN THE SITE SHALL BE KEPT TO A MINIMUM AND FOLLOW LOCAL CITY BY-LAW RESTRICTIONS. NOISE GENERATING ACTIVITIES MUST OCCUR BETWEEN THE HOURS OF 7PM TO 7AM. NOISE GENERATING ACTIVITIES INCLUDE BUT ARE NOT LIMITED TO: DRILLING SHOTS INTO CONCRETE SLABS, ANY CORING WORK, CEILING OR PARTITION DEMOLITION, CHIPPING OF CONCRETE.
23. ALL CONSTRUCTION MATERIAL, DOLLIES AND TOOL CARTS SHOULD BE KEPT IN A CLEAN AND ORDERLY STATE AND STORED SECURELY WITHIN THE CONTRACTORS STAGING AREA. CONTRACTOR SHALL POLY/TARP ALL CONSTRUCTION MATERIAL/EQUIPMENT/DOLLIES/CARTS/ETC. MOVING THROUGH HOSPITAL. CONTRACTOR SHALL ADHERE TO THE HOSPITAL I&C STANDARDS FOR ALL CONSTRUCTION DOLLIES MOVING THROUGH HOSPITAL AND FOR REMOVING CONSTRUCTION WASTE AS DESIGNATED IN THE SPECIFICATIONS.
24. ANY WORK BEING UNDERTAKEN IN PUBLIC AREAS ARE TO BE CONTAINED WITHIN A IPAC APPROVED ENCLOSURE.
25. PROVIDE FIRE PREVENTION AND PROTECTION MEASURES TO EXISTING BUILDING AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
26. GENERAL CONTRACTOR SHALL MAINTAIN UNOBSTRUCTED EXITS, INCLUDING STAIRWAYS AND EXTERIOR DOORS TO THE OUTSIDE. PROVIDE ACCEPTABLE ALTERNATIVE EXITS WHERE AN EXISTING EXIT IS BLOCKED OFF OR DELETED DUE TO CONSTRUCTION ACTIVITIES. WHERE ACCESS TO AN EXIT THROUGH THE CONSTRUCTION AREA IS ABSOLUTELY NECESSARY, CLEARLY DEFINE, PROTECT AND SEPARATE ACCESS FROM THE CONSTRUCTION AREA BY A SMOKE TIGHT FIRE SEPARATION EQUIVALENT TO A MINIMUM 3/4 HR FIRE RESISTANCE RATING. PROVIDE NEW AND/OR RELOCATE EXIT SIGNS AS REQUIRED TO DIRECT PATH OF EXITS AND TEMPORARY EXITS THROUGHOUT THE RENOVATION PERIOD.
27. CONTRACTOR SHALL FILL OUT DAILY FIRE LINE BYPASS FORM IN SECURITY OFFICE PRIOR TO THE START OF EACH CONSTRUCTION PERIOD/SHIFT. CONTRACTOR IS REQUIRED TO MAINTAIN HOURLY FIRE LOGS AND MUST SUBMIT TO THE HOSPITAL WEEKLY VIA. EMAIL IN PDF FORMAT. ANY FALSE FIRE ALARMS GENERATED WITHIN THE CONSTRUCTION SITE WILL BE AT THE COST OF THE CONTRACTOR.
28. PUBLIC ACCESS ROUTES SHALL NOT BE OBSTRUCTED BY ANY CONSTRUCTION ACTIVITIES.
29. FIRE ACCESS ROUTES SHALL NOT BE BLOCKED OR OBSTRUCTED BY ANY CONSTRUCTION ACTIVITIES.

CONSTRUCTION GENERAL NOTES 1
A00-02

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2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
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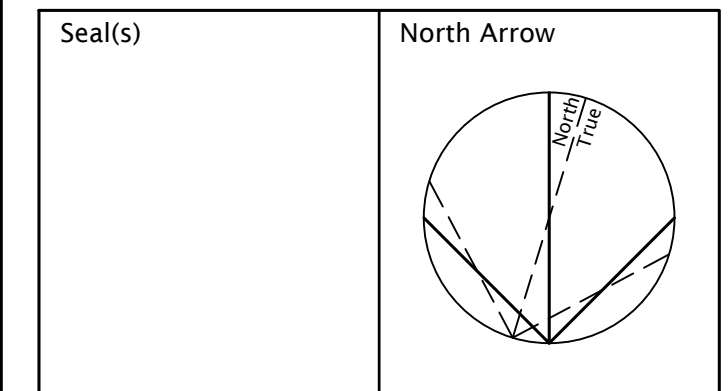
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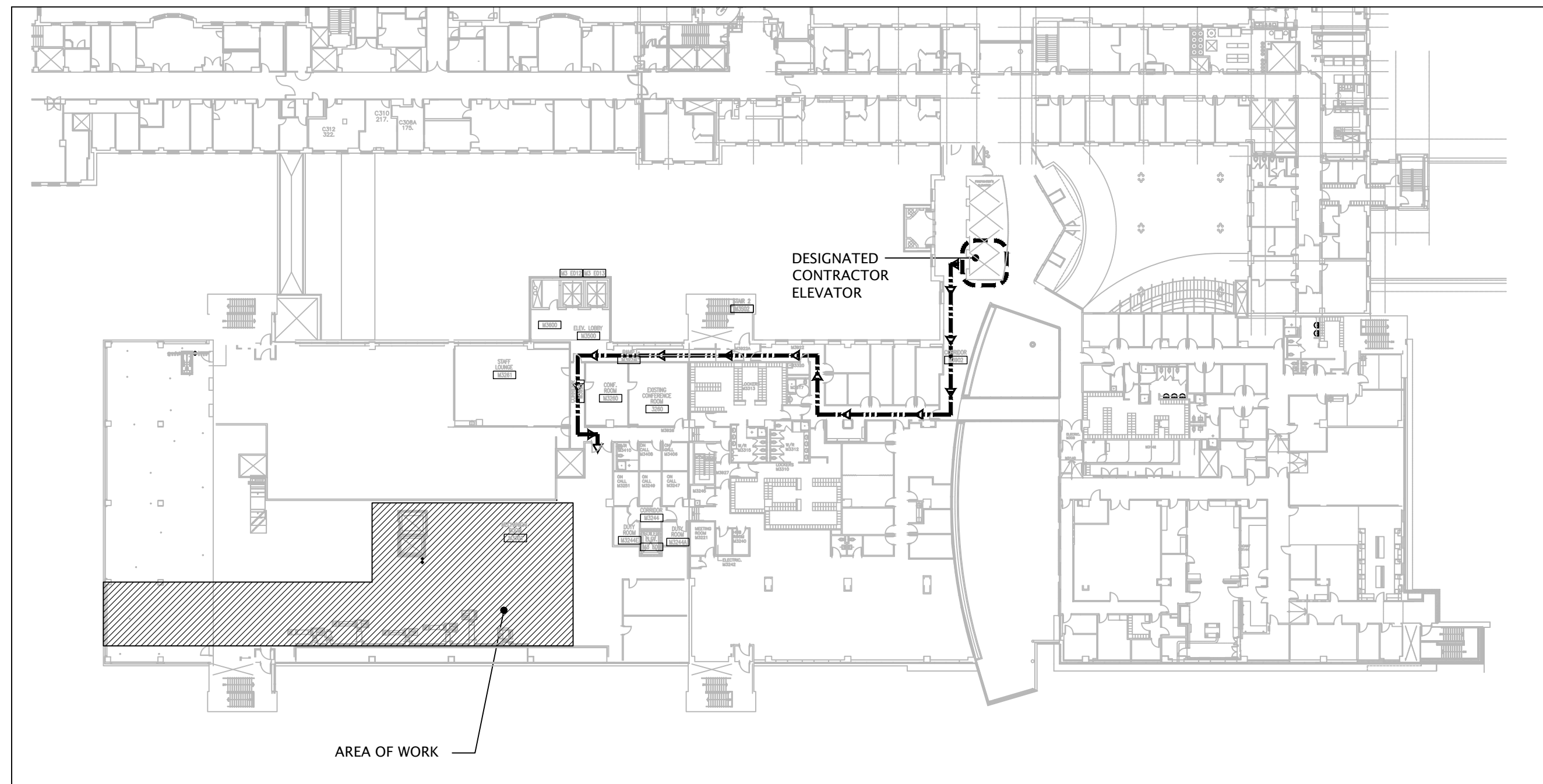
Project
**M-WING LEVEL 2
HYBRID OPERATING ROOM**

Drawing Title
**CONTRACTOR ACCESS SITE PLAN,
CONSTRUCTION GENERAL NOTES**

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

Project No. ONBL19-0186

Drawing No. **A00-02**



M WING LEVEL 3
1:500

SERVICE ELEVATOR
THE EXIST. ELEVATOR WILL BE USED FOR THE VERTICAL TRANSPORTATION OF LARGE CONSTRUCTION MATERIALS, SUPPLIES AND EQUIPMENT. THE USE OF THE ELEVATOR FOR EXTENDED PERIODS SHALL BE SCHEDULED WITH THE OWNER'S REPRESENTATIVE. LARGE DELIVERIES WHICH COULD EFFECT THE CONVENIENCE OF THE HOSPITAL SHALL BE SCHEDULED WITH THE HOSPITAL. THE CONTRACTOR AND HIS FORCES SHALL NOT USE OTHER PASSENGER ELEVATORS WITHOUT THE WRITTEN PERMISSION OF THE OWNER'S REPRESENTATIVE.

ACCESS FROM SERVICE ELEVATOR TO SITE
THIS SHALL BE THE ROUTE USED FOR THE DELIVERY OF LARGE MATERIALS, SUPPLIES AND EQUIPMENT TO THE SITE. THE CONTRACTOR SHALL MAKE GOOD ANY DAMAGE TO EXISTING FINISHES TO THE COMPLETE SATISFACTION OF THE OWNER. DO NOT STORE MATERIAL OF DEBRIS IN THIS AREA. THE CONTRACTOR SHALL MAINTAIN CLEAR AND SAFE ACCESS TO ALL FIRE EXITS.

EXTENT OF WORK AREA
LIMIT OF DESIGNATED AREA. THE CONTRACTOR'S FORCES SHALL LIMIT THE EXTENT OF ALL OPERATIONS WITHIN DESIGNATED WORK AREA. THE CONTRACTOR SHALL SCHEDULE ALL WORK WITH THE PROJECT MANAGER. THE CONTRACTOR SHALL HOARD THE WORK AREA IN SUCH A WAY THAT THE ADJACENT AREAS ARE PROTECTED FROM DUST AND DEBRIS RELATED TO CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN CLEAR AND SAFE CIRCULATION AND ACCESS TO FIRE EXITS FOR ADJACENT TENANTS THROUGHOUT CONSTRUCTION. ERECT SAFETY SIGNAGE IN PUBLIC AREAS WHERE WORK IS BEING DONE. DO ALL NOISY ACTIVITIES BETWEEN 7:00 PM AND 7:00 AM SUCH AS CORE DRILLING AND DEMOLITION OF CONCRETE WALLS. CONTRACTOR SHALL COORDINATE ALL NOISY WORK WITH HOSPITAL PRIOR TO COMMENCEMENT ANY WORK.

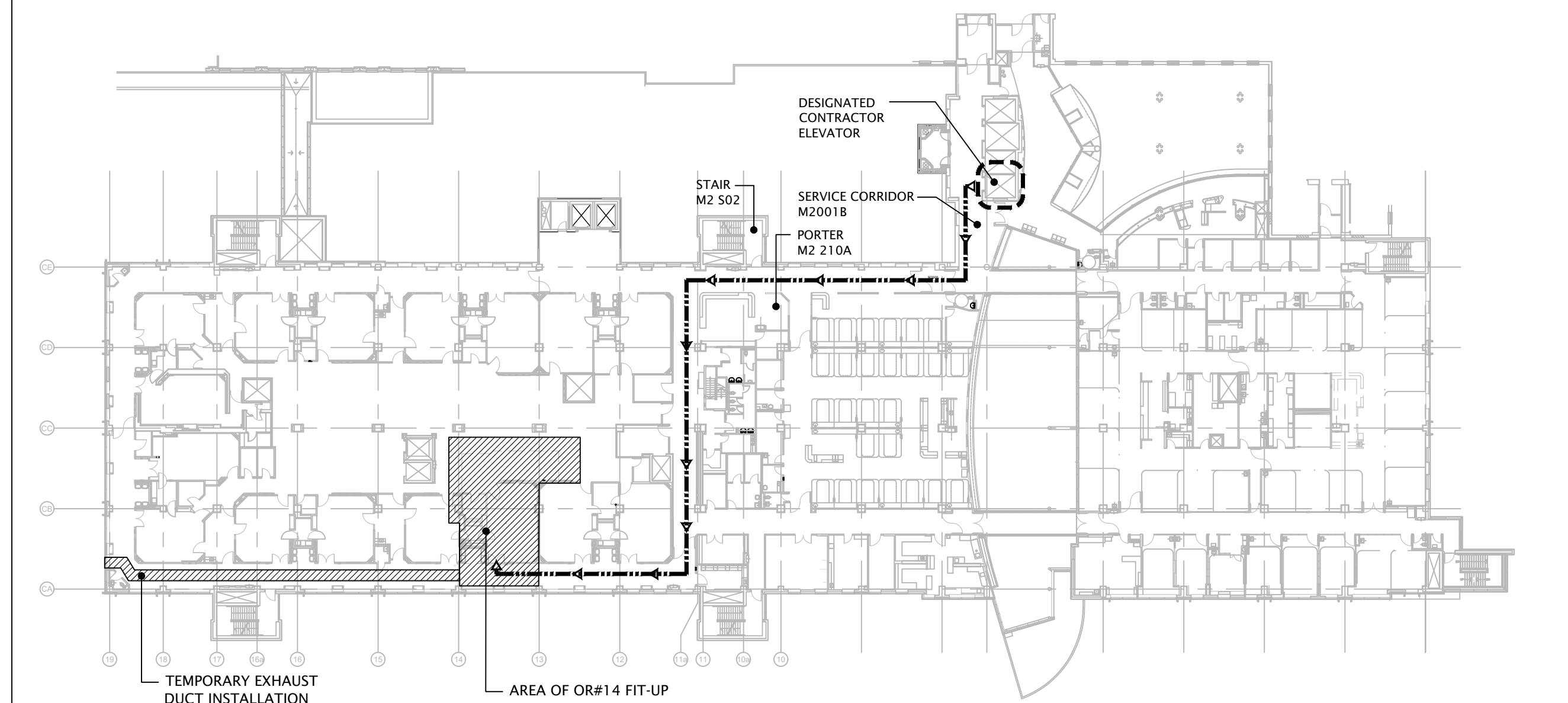
PROVIDE HOARDING AS REQUIRED SEPARATING AREAS OF CONSTRUCTION & AREAS OF HOSPITAL OPERATIONS. MAINTAIN INTEGRITY OF PROTECTION THROUGHOUT CONSTRUCTION. AREA OF CONSTRUCTION TO BE COMPLETELY SEALED TO THE SATISFACTION OF ALL CONSULTANTS & OWNER PRIOR TO COMMENCING WORK. EXACT LOCATION OF CONSTRUCTION HOARDING & G.W. DOOR LOCATIONS TO BE COORDINATED ON SITE WITH CONSULTANTS & OWNER PRIOR TO INSTALLATION, INSPECTED & APPROVED BY IPAC UPON ERECTION. REFER TO PREVENTIVE MEASURES DIAGRAM FOR DETAILS. DOORS TO BE EQUIPPED W/ LOCKING HARDWARE TO BE ENGAGED AT THE END OF EACH WORKING DAY.

TIME IS OF THE ESSENCE FOR THIS PROJECT. THE CONTRACTOR SHALL ALLOW FOR DOUBLE/PREMIUM SHIFT WORK TO MAINTAIN THE SCHEDULE AND COMPLETION DATES. THE CONTRACTOR WILL BE RESPONSIBLE TO INCREASE HIS MANPOWER AS REQUIRED, AT NO COST TO THE OWNER, IF SCHEDULE FALLS BEHIND FOR REASON UNDER CONTRACTOR'S CONTROL.

SERVICE CORRIDOR M2001A
THE CONTRACTOR AND HIS FORCES SHALL COMPLETELY COVER LARGE CONSTRUCTION MATERIALS, SUPPLIES AND EQUIPMENT IN PLASTIC SHRINK WRAP BEFORE ENTERING INFECTIONS-CONTROLLED SENSITIVE AREAS TO PREVENT CONTAMINATION.

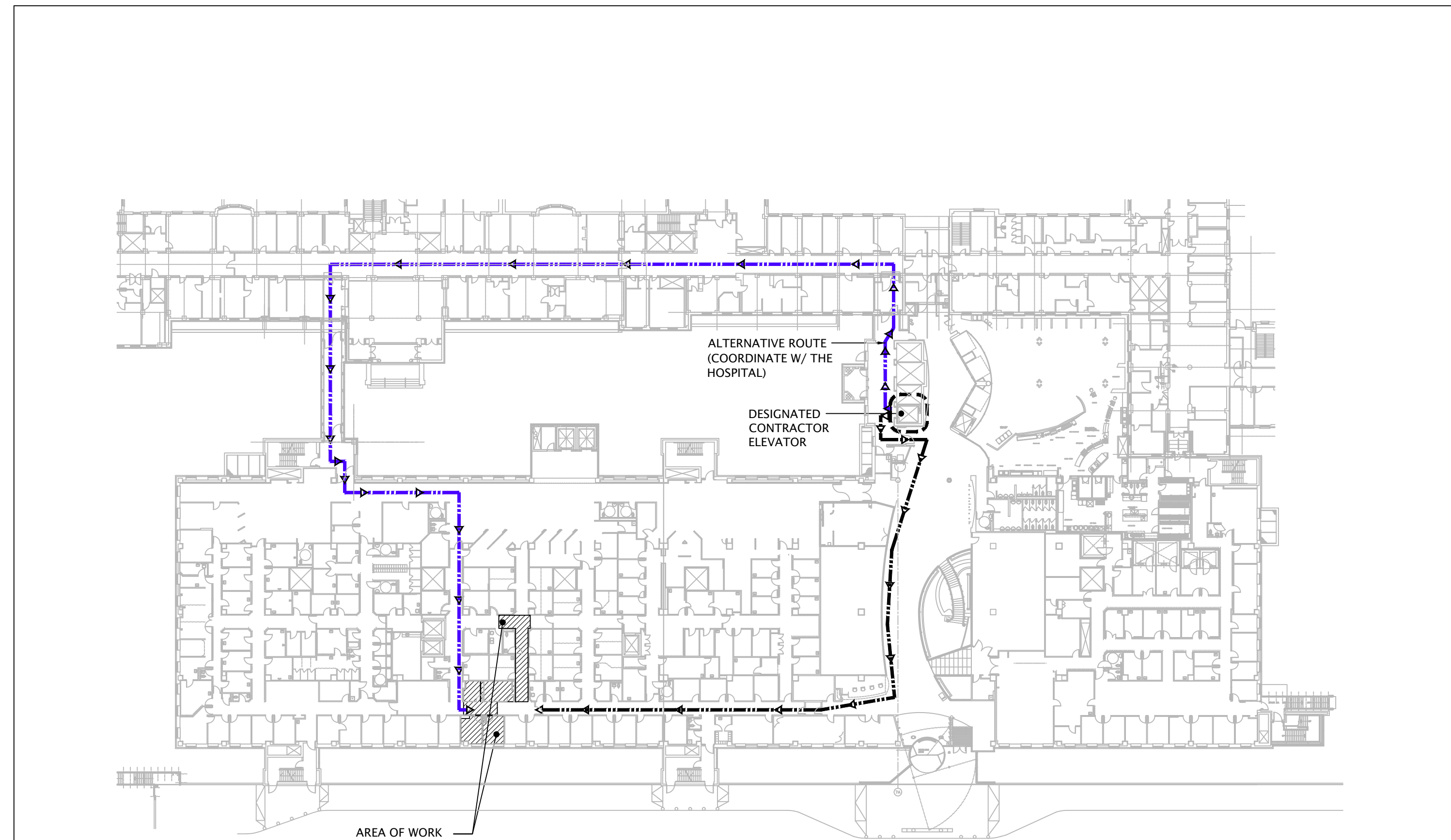
PORTER M2210A (SUIT UP IN CORRIDOR)
THE CONTRACTOR AND HIS FORCES SHALL GOWN UP IN FULL PROTECTIVE CLOTHING, BOOT COVERS, HAIR NETS BEFORE ENTERING INFECTIONS-CONTROLLED SENSITIVE AREAS LEADING TO THE SITE.

FIRE EXIT STAIR M2 S02
EXISTING STAIR DESIGNATED FOR TRANSPORTATION OF THE CONTRACTOR AND HIS FORCES TO THE SITE AS WELL AS EXITING FROM THE SITE, AS SPECIFIED IN THIS CONTRACT. THE CONTRACTOR AND HIS FORCES SHALL NOT USE OTHER EXIT STAIRS WITHOUT THE WRITTEN PERMISSION OF THE PROJECT MANAGER. LARGE DELIVERIES SHALL BE TRANSPORTED VIA SERVICE ELEVATOR.



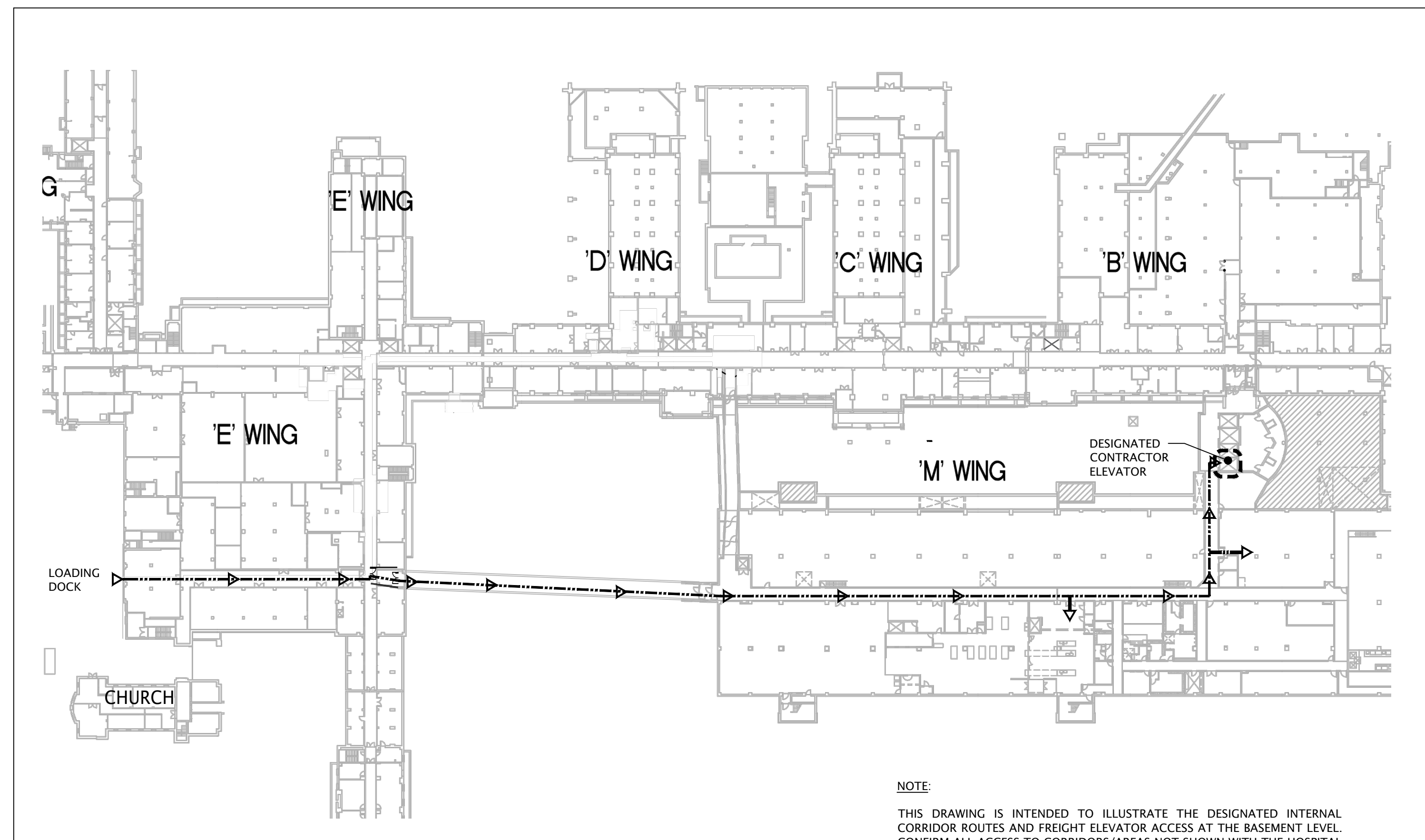
M WING LEVEL 2
1:500

NOTE:
ANY EXISTING SPACES ON LEVEL 2 IMPACTED BY THE SCOPE OF WORK SHALL BE UNDERTAKEN AFTER 6:00PM DURING THE WEEK OR AFTER 7:00AM DURING WEEKENDS. CONTRACTOR SHALL REMOVE ANY TEMPORARY HOARDINGS AT THE END OF EACH WORKING SHIFT, PROVIDE CONSTRUCTION CLEAN-UP (VACCUUMED FREE OF DUST AND FLOORS MOPPED) PRIOR TO THE START OF THE NEXT BUSINESS DAY TO ALLOW CLERICAL, ADMINISTRATIVE AND OPERATIONS WITHIN THE HOSPITAL TO RESUME UNIMPEDED.



M WING LEVEL 1
1:500

NOTE:
ANY EXISTING SPACES ON LEVEL 1 IMPACTED BY THE SCOPE OF WORK SHALL BE UNDERTAKEN AFTER 6:00PM DURING THE WEEK OR AFTER 7:00AM DURING WEEKENDS. CONTRACTOR SHALL REMOVE ANY TEMPORARY HOARDINGS AT THE END OF EACH WORKING SHIFT, PROVIDE CONSTRUCTION CLEAN-UP (VACCUUMED FREE OF DUST AND FLOORS MOPPED) PRIOR TO THE START OF THE NEXT BUSINESS DAY TO ALLOW CLERICAL, ADMINISTRATIVE AND OPERATIONS WITHIN THE HOSPITAL TO RESUME UNIMPEDED.



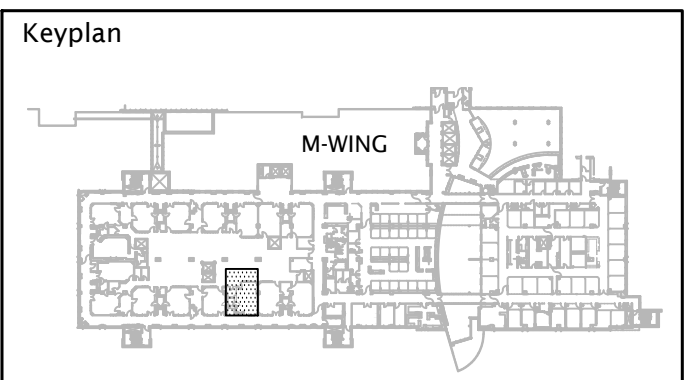
BASEMENT FLOOR
1:700

NOTE:
THIS DRAWING IS INTENDED TO ILLUSTRATE THE DESIGNATED INTERNAL CORRIDOR ROUTES AND FREIGHT ELEVATOR ACCESS AT THE BASEMENT LEVEL. CONFIRM ALL ACCESS TO CORRIDORS/AREAS NOT SHOWN WITH THE HOSPITAL PM IN ADVANCE AS PER CONTRACT REQUIREMENTS.

DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
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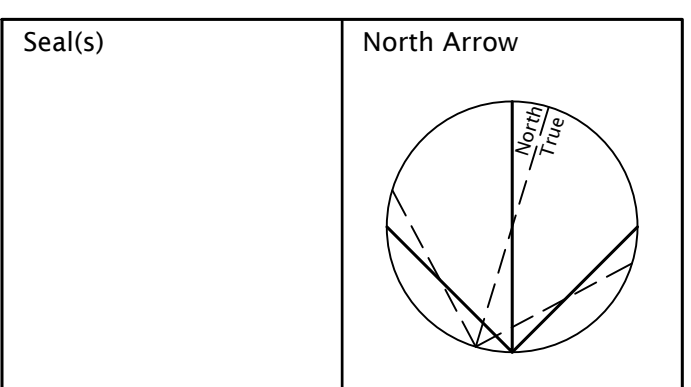
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Project
**M-WING LEVEL 2
HYBRID OPERATING ROOM**

Drawing Title
**CONTRACTOR ACCESS ROUTES
FLOOR PLANS**

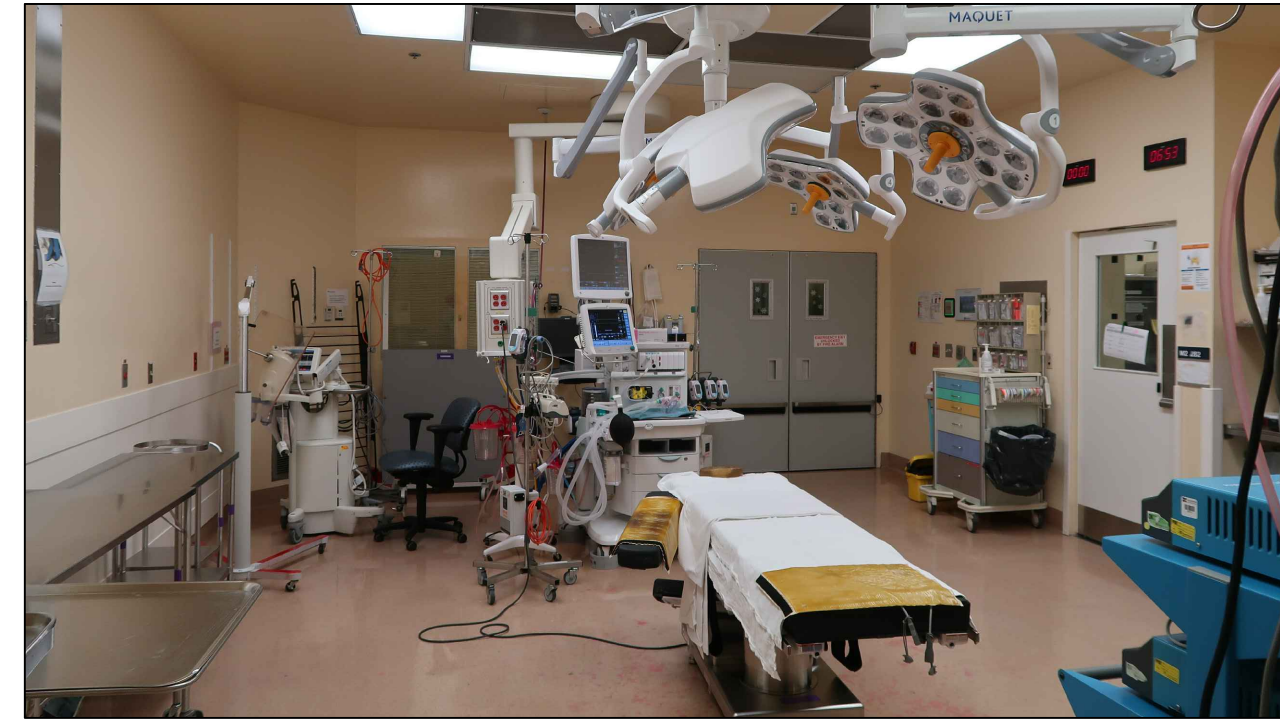


Project No. ONBL19-0186

Drawing No. **A00-03**



STERILE CORE LOOKING SOUTH (15)
A00-04



MIDDLE OF OR SUITE #14 LOOKING NORTH (11)
A00-04



OR SUITE #14a LOOKING SOUTH EAST (7)
A00-04



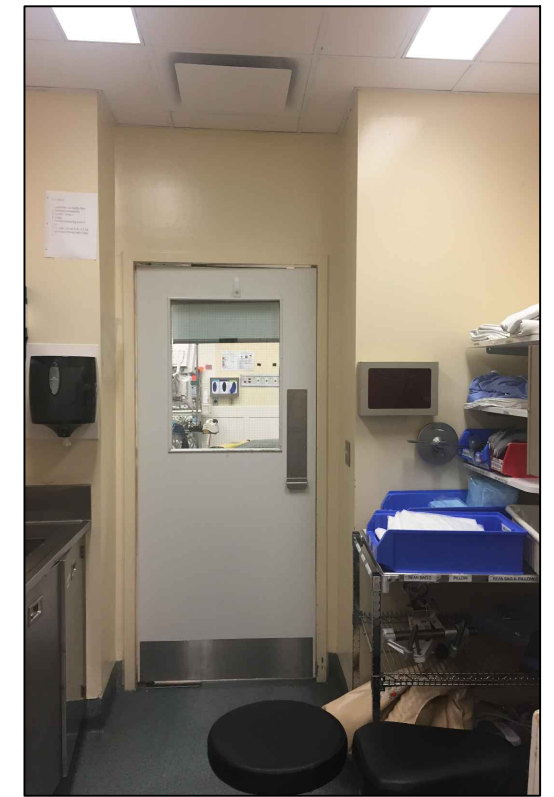
OR SUITE #14a LOOKING NORTH (2)
A00-04



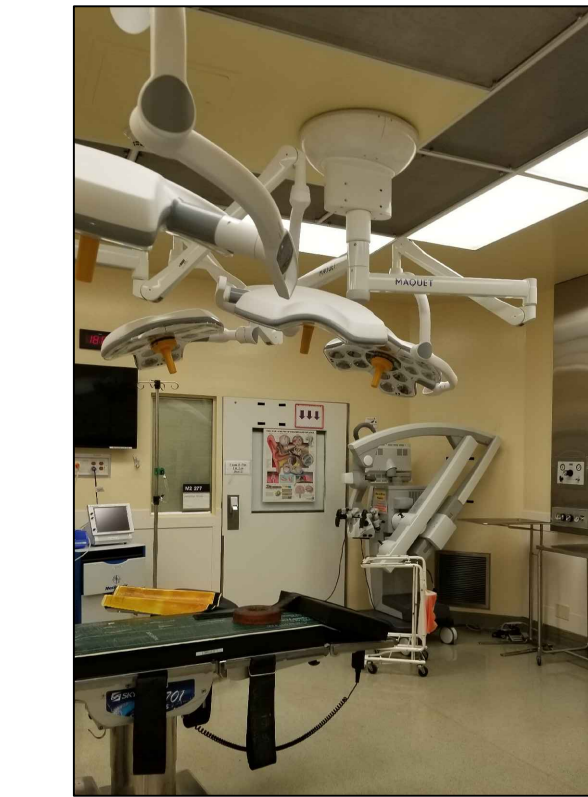
STERILE CORE LOOKING NORTH (14)
A00-04



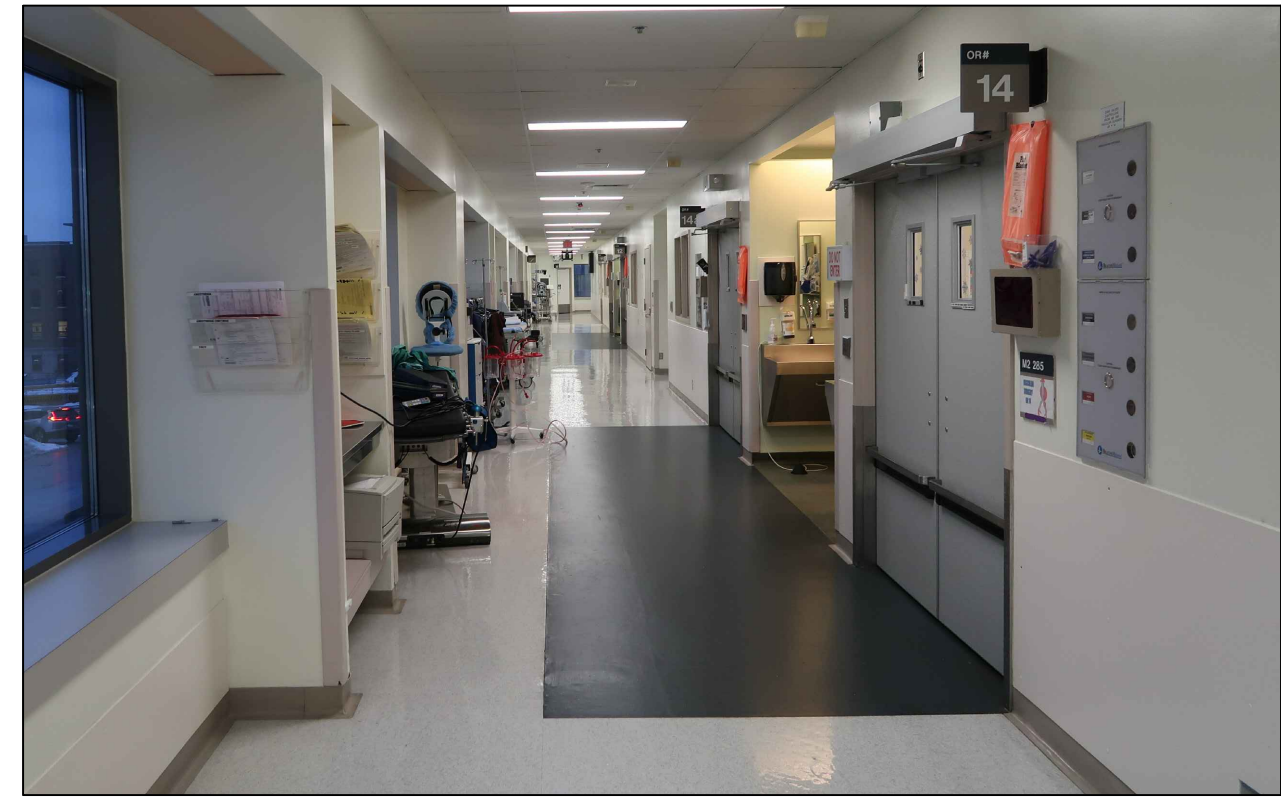
OR SUITE #14 LOOKING SOUTH (10)
A00-04



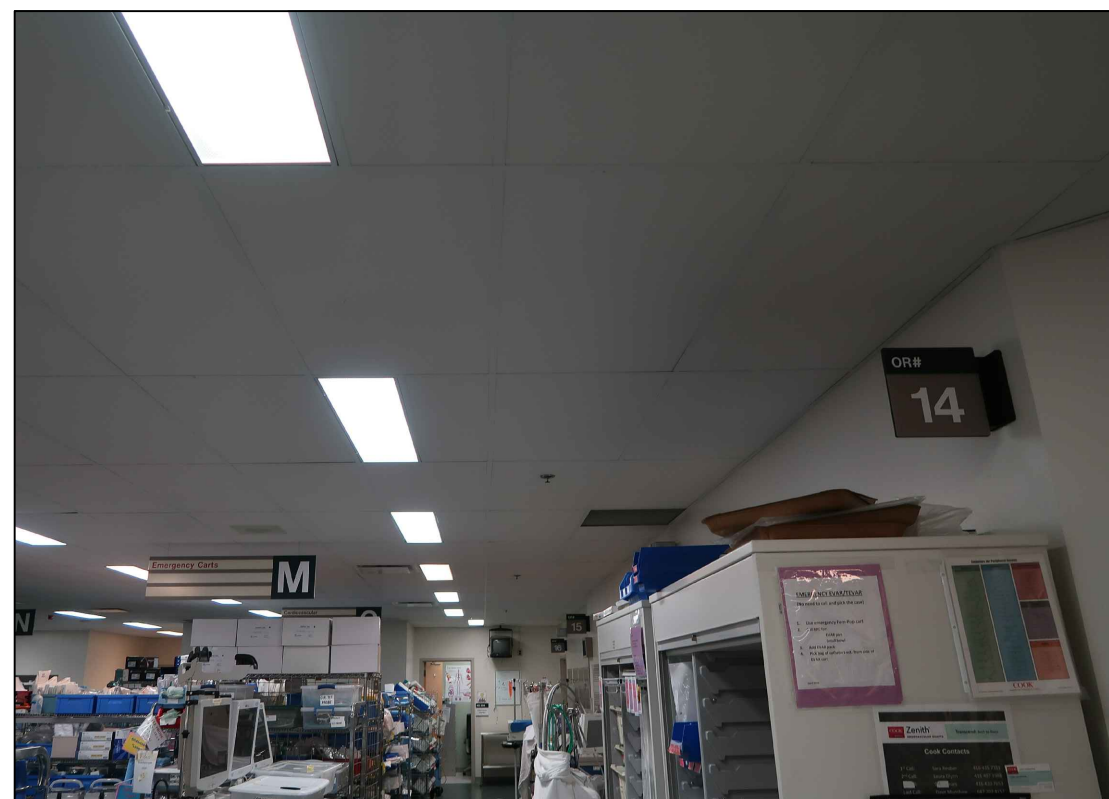
ANTE ROOM (6)
A00-04



OR SUITE#14a LOOKING WEST (5)
A00-04



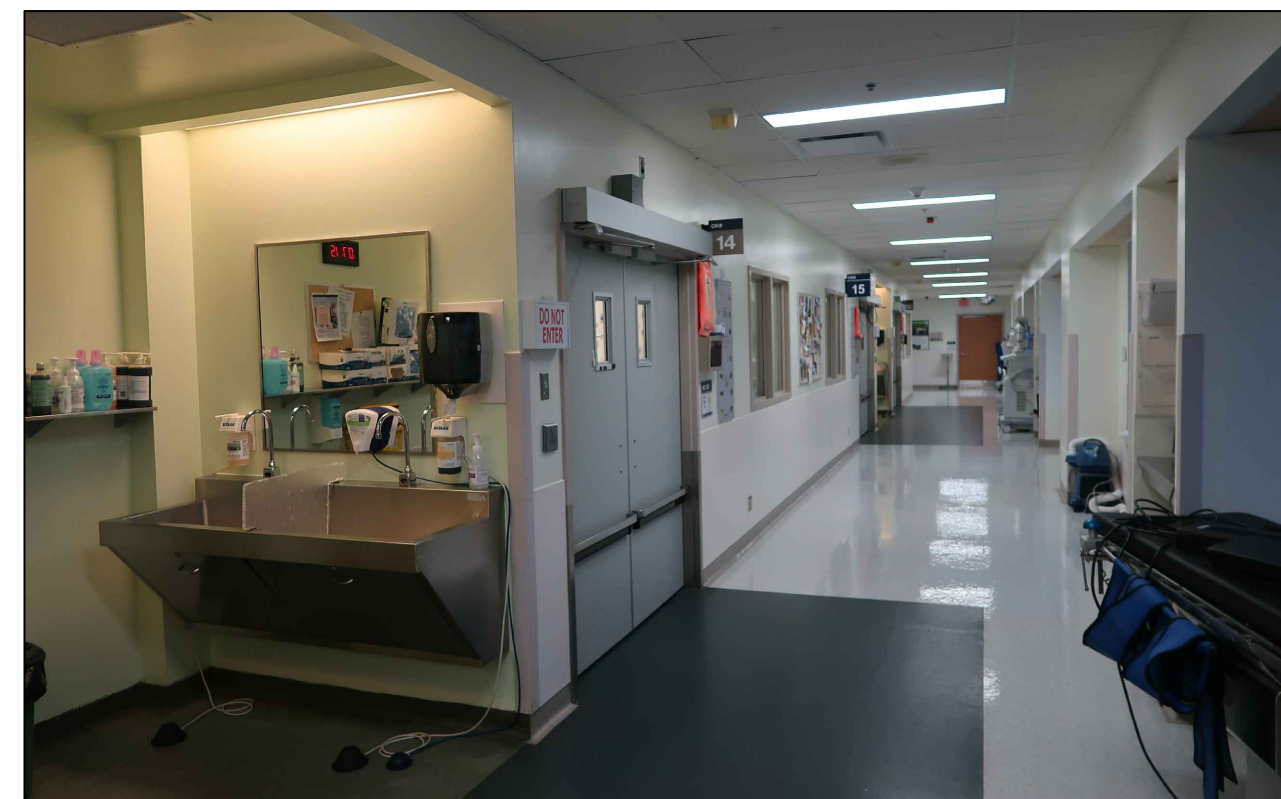
OR SUITE - GREEN CORRIDOR LOOKING EAST (1)
A00-04



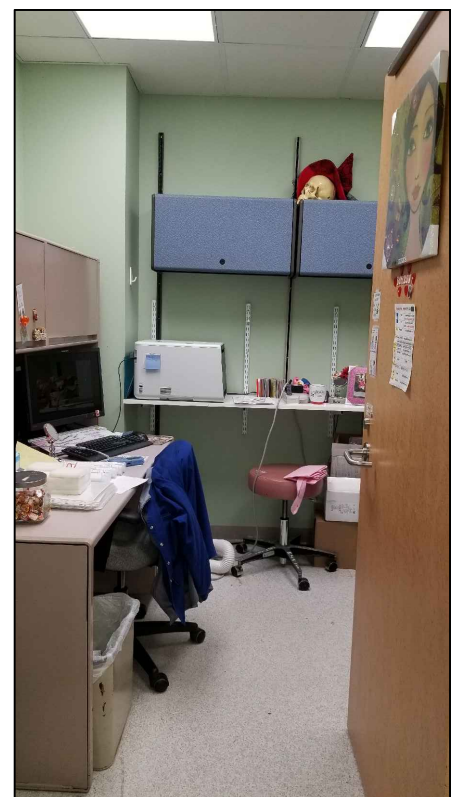
STERILE CORE LOOKING WEST (14)
A00-04



OR SUITE #14 LOOKING WEST (9)
A00-04



OR SUITE - GREEN CORRIDOR & SCRUB SINK ALCOVE LOOKING WEST (4)
A00-04



OFFICE RM. M2-284 (13)
A00-04



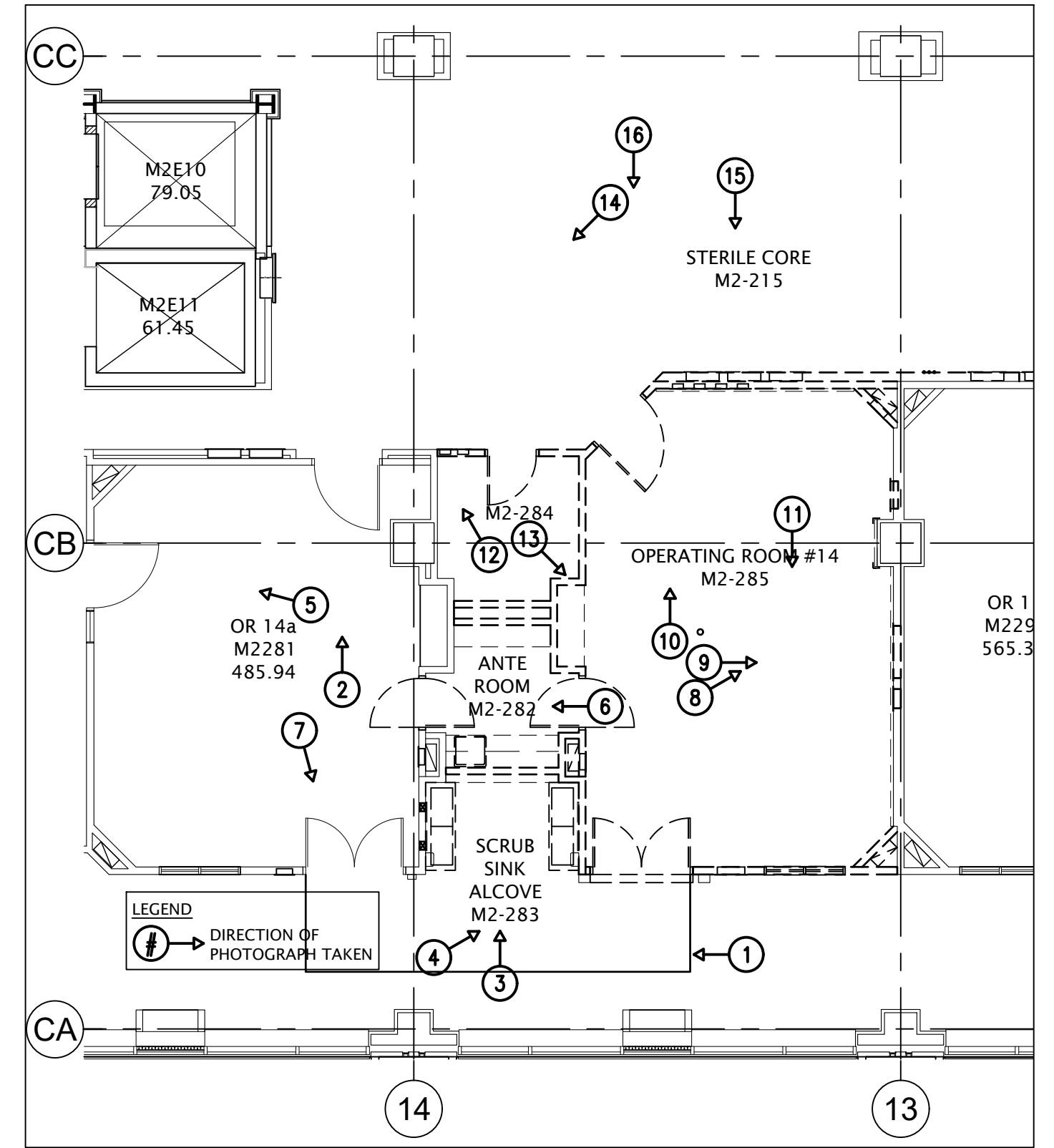
OFFICE RM. M2-284 (12)
A00-04



OR SUITE #14 VIEW OF EXISTING CEILING (8)
A00-04



SHARED SCRUB SINK ALCOVE (3)
A00-04

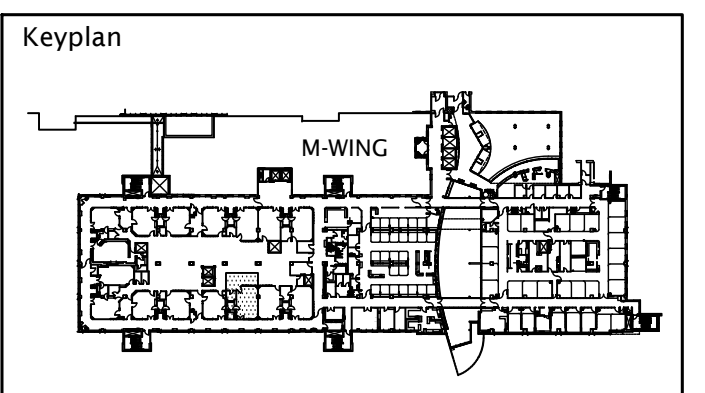


PARTIAL M-WING LEVEL 2
T:100 (A)
A00-04

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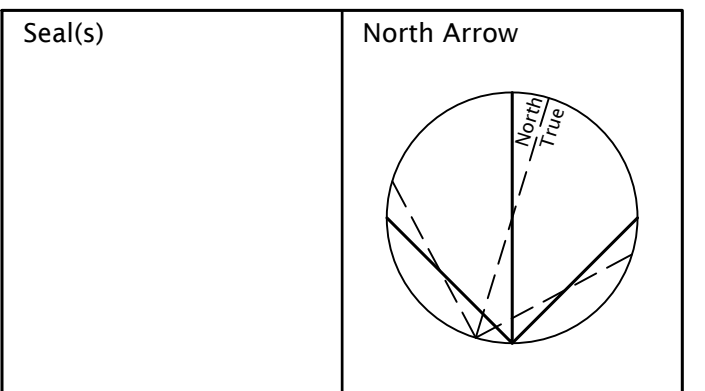
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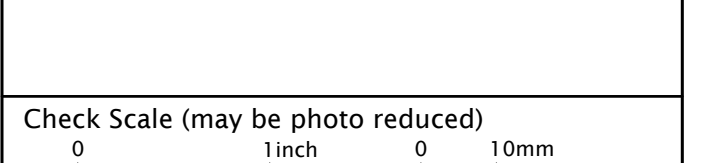
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Project
**M-WING LEVEL 2
HYBRID OPERATING ROOM**

Drawing Title
**PARTIAL M-WING LEVEL 2
EXISTING CONDITION
PHOTOGRAPHS**

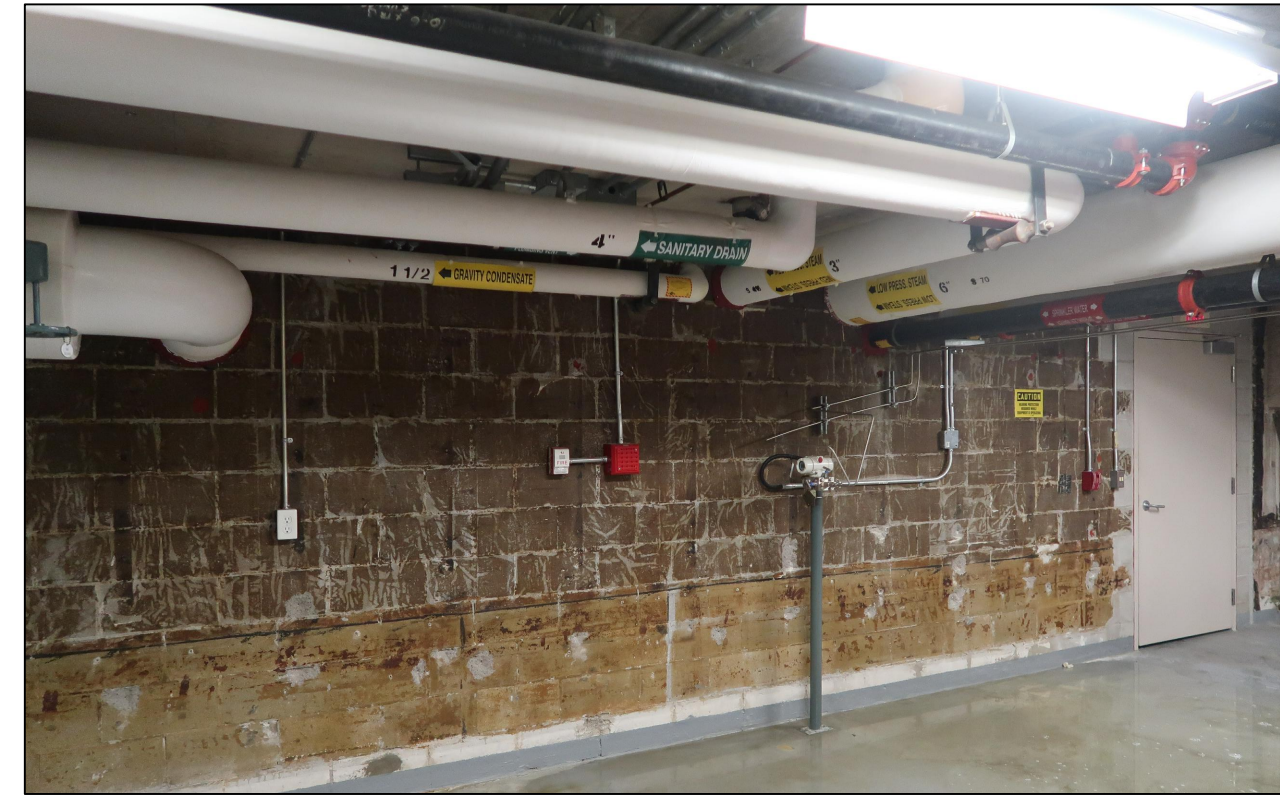


Project No. ONBL19-0186

Drawing No. **A00-04**



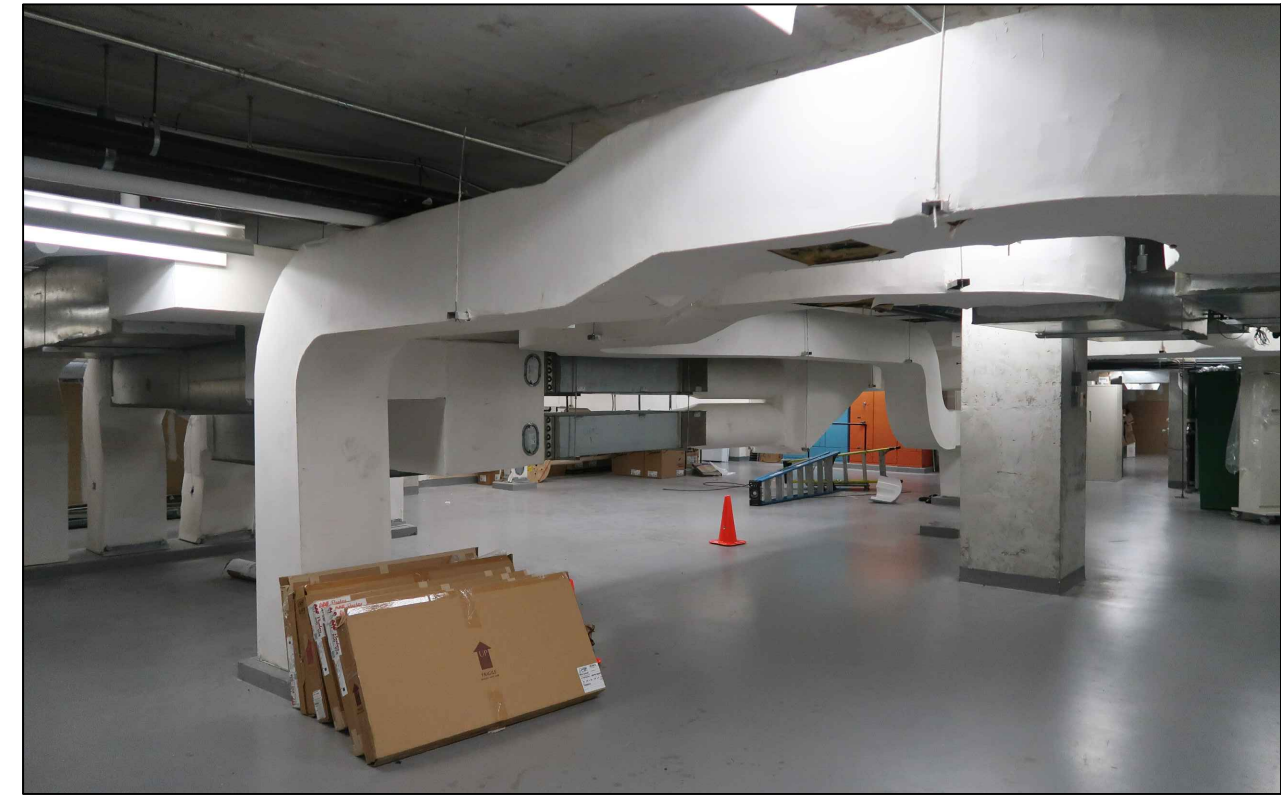
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A00-05



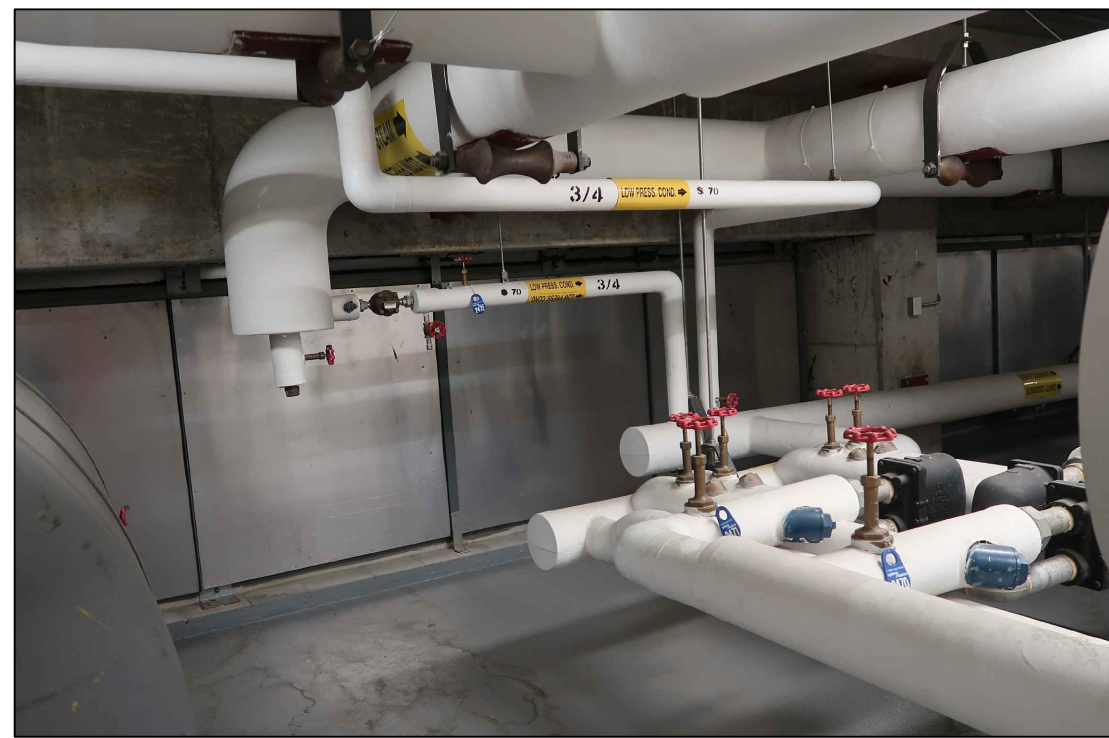
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A00-05



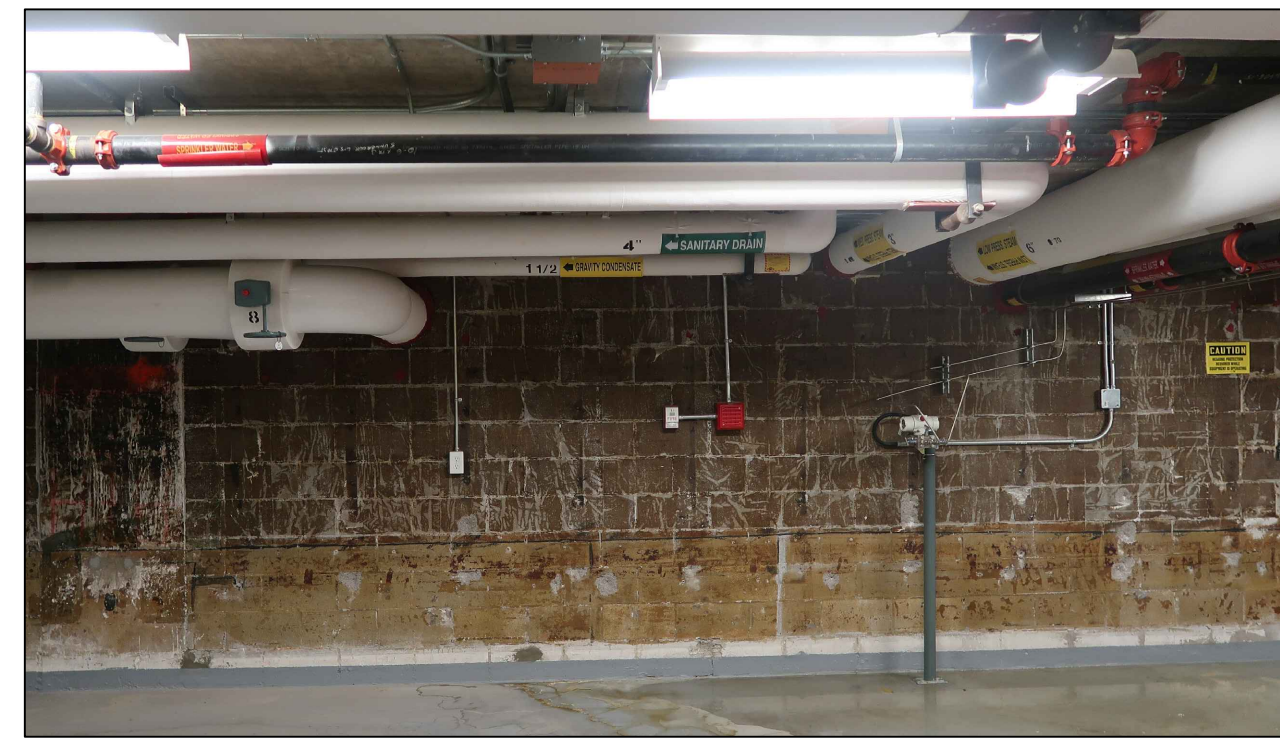
EXISTING DUCT SERVICES AT MECHANICAL ROOM EAST WALL 7
A00-05



MECHANICAL ROOM AREA LOOKING SOUTH-EAST 3
A00-05



EXIST LOUVRES ALONG MECH ROOM M3-700 EAST WALL 14
A00-05



LOCATION OF NEW DUCT PENETRATION REQUIRED LOOKING WEST 10
A00-05



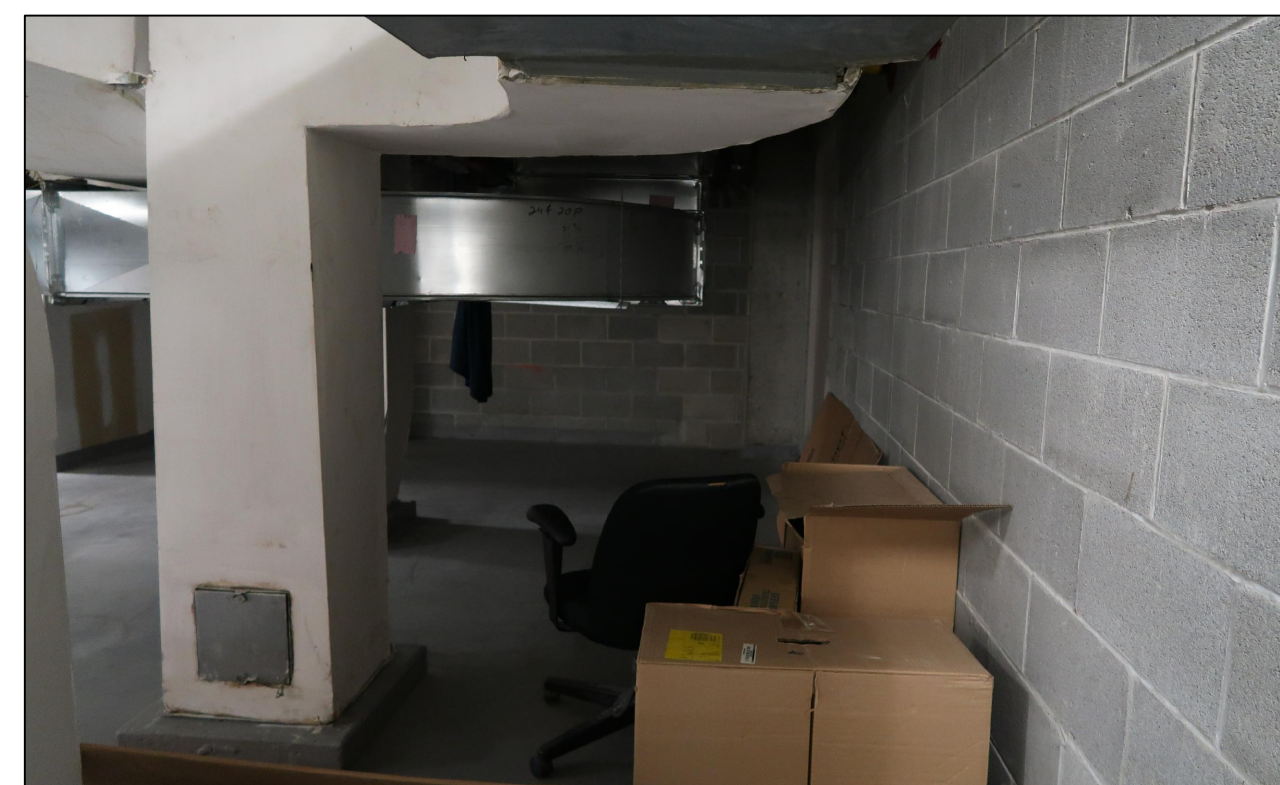
LOCATION OF NEW DUCT PENETRATION REQUIRED LOOKING EAST 6
A00-05



FUTURE LOCATION OF NEW UPS ROOM LOOKING NORTH-EAST 2
A00-05



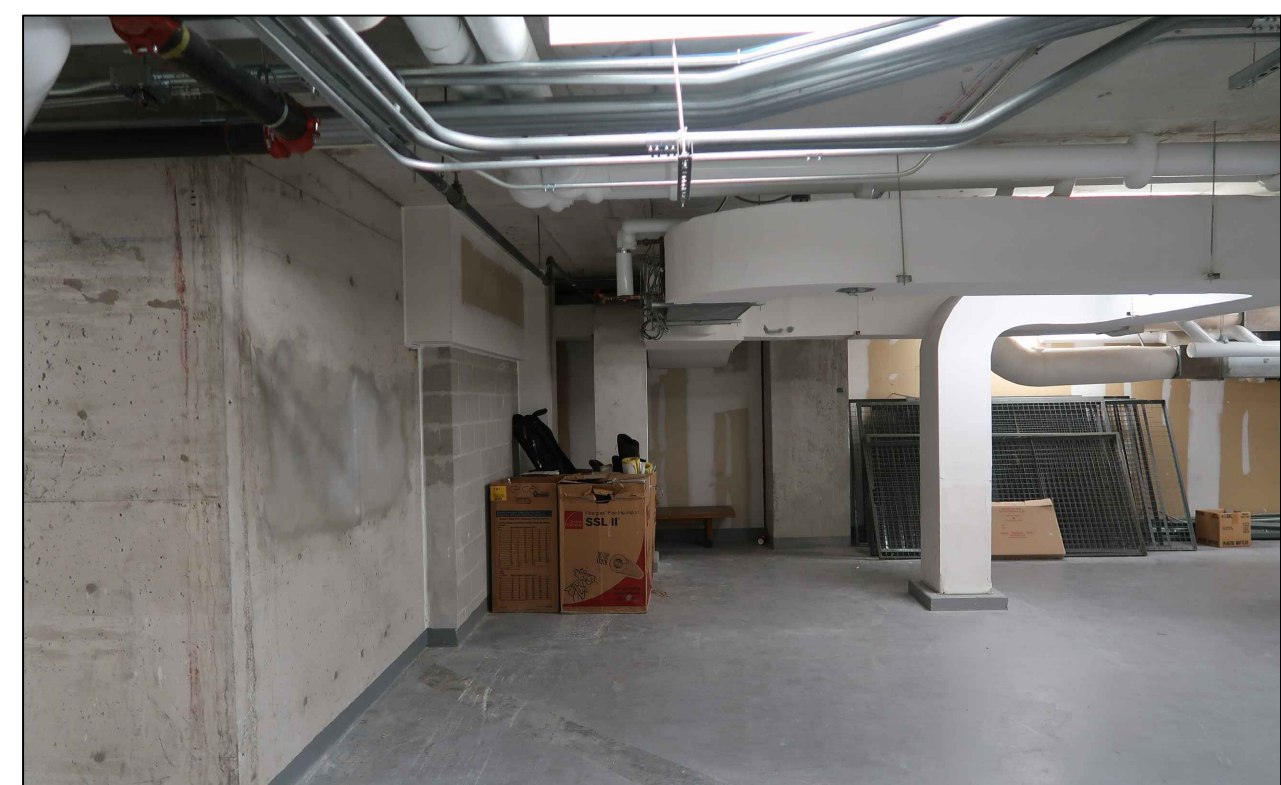
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EXISTING DUCT SERVICES AT EAST WALL LOOKING NORTH 9
A00-05



MECHANICAL ROOM AREA LOOKING EAST 5
A00-05



FUTURE UPS ROOM LOCATION LOOKING SOUTH 1
A00-05



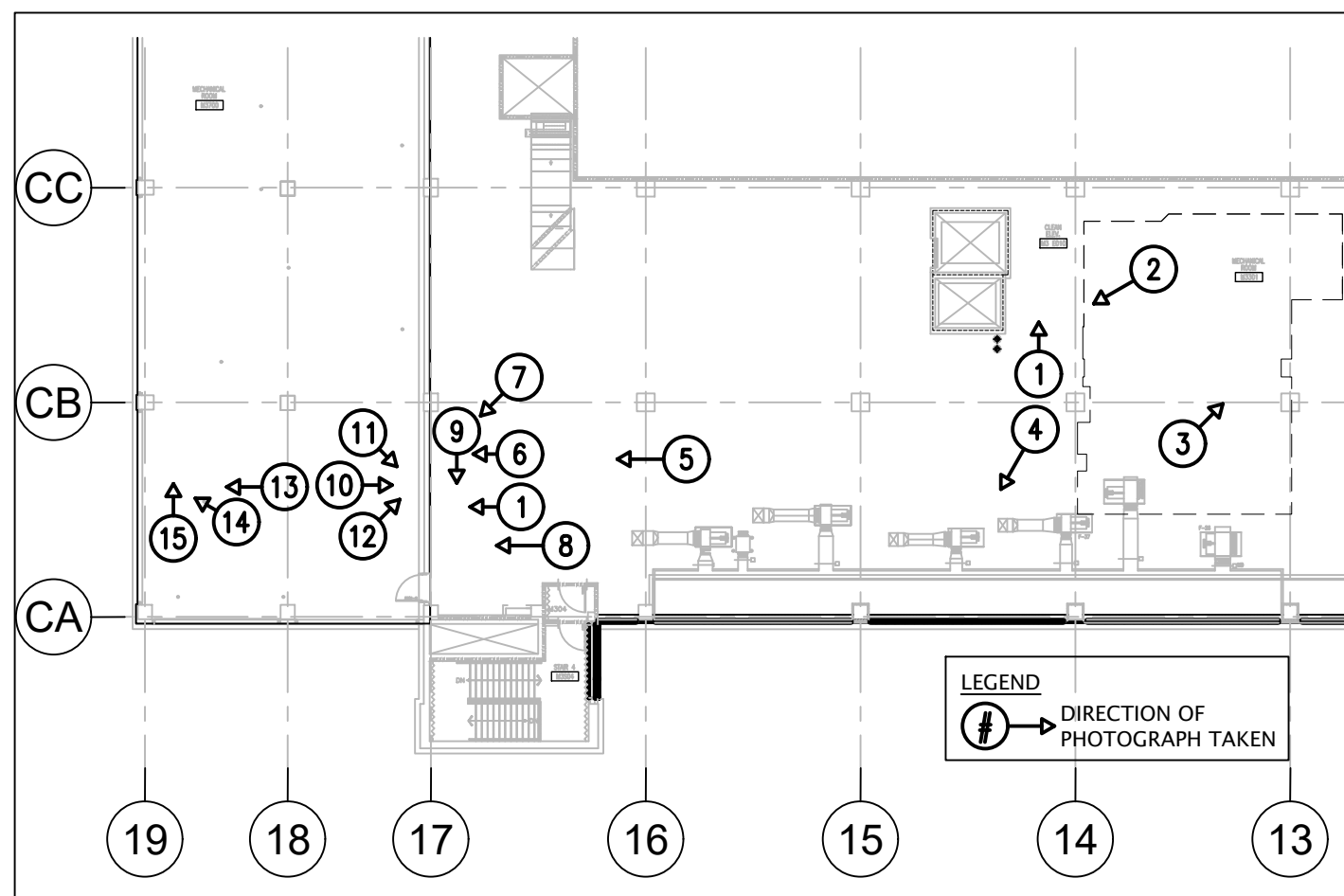
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A00-05



MECHANICAL ROOM AREA LOOKING NORTH-EAST 4
A00-05

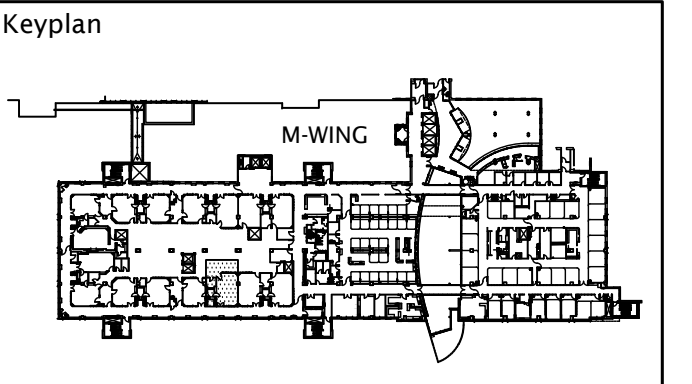


PARTIAL M-WING LEVEL 3 - MECHANICAL ROOM 1:300 A
A00-05

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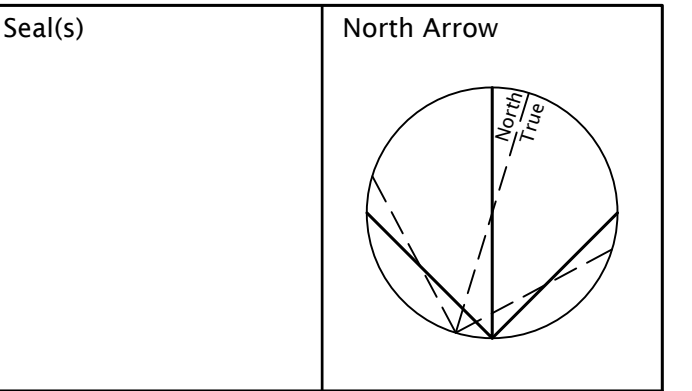
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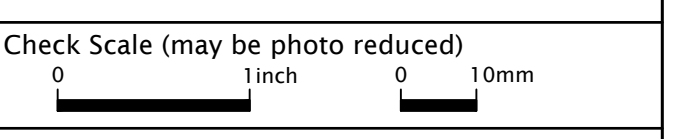
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Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

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**PARTIAL M-WING LEVEL 3
 EXISTING CONDITION
 PHOTOGRAPHS**



Project No. ONBL19-0186

Drawing No. **A00-05**

HOARDING GENERAL NOTES

- A** CONTRACTOR SHALL EXERCISE PREVENTATIVE MEASURES FOR INFECTION CONTROL, CONFORMING TO C.S.A STANDARD Z317.13-17 "INFECTION CONTROL DURING CONSTRUCTION, RENOVATION, AND MAINTENANCE OF HEALTH CARE FACILITIES". CONTRACTOR SHALL COORDINATE WITH SHSC FOR OCC. HEALTH AND IPAC APPROVALS ON LOCATION, EXTENT AND BOUNDARIES FOR ALL HOARDING PRIOR TO COMMENCEMENT WITH ANY WORK ON SITE.
- B** HOARDING LINES ON DRAWINGS ARE INDICATIVE AND SCHEMATIC; EXACT LOCATIONS SHALL BE DETERMINED ON SITE IN CONSULTATION WITH HOSPITAL PROJECT MANAGER AND INFECTION CONTROL/OCC. HEALTH REPRESENTATIVE. HOARDING WALL DETAILS AND LOCATION ARE SUBJECT TO CHANGE BASED ON SITE CONDITIONS AND CLINICAL WORK FLOWS WHERE CONTINUOUS ACCESS BY SHSC CLINICAL STAFF TO THE STERILE CORE FOR RETRIEVAL OF OR EQUIPMENT AND STERILE SUPPLIES/CONSUMABLES THAT WILL GOVERN OVER THE CONTRACTOR'S SCHEDULE AND CONVENIENCE TO MAINTAIN STAFF'S ACCESS TO CLINICAL EQUIPMENT AND SUPPLIES THAT ARE PROXIMITY PATIENT/STAFF SAFETY WITH REQUIRED ACCESS TO AMENITIES.
- C** WHERE EXISTING FIRE SEPARATIONS ARE DEMOLISHED AS PART OF THE WORK WHICH SEPARATES THE PLACE OF THE WORK FROM HOSPITAL OCCUPIED SPACES, PROVIDE CONSTRUCTION HOARDING WITH EQUAL FIRE RATING AT REMOVED WALLS - REFER TO FIRE SEPARATIONS PLANS FOR LOCATIONS AND EXTENT.
- D** IN AREAS WHERE A 1-HR FIRE RATED INFECTION CONTROL BARRIER IS INDICATED, PROVIDE 5/8" FIRE RATED GYPSUM BOARD TYPE "X" BOTH SIDES OF 92mm METAL STUDS, FULL HEIGHT TO UNDERSIDE OF STRUCTURE. TAPE CAN BE INSTALLED WITH ADHESIVE SPRAY. ENSURE WALL CAVITY IS DRY UPON INSTALLATION OF INSULATION AND REMAINS DRY THROUGHOUT THE DURATION OF THE PROJECT.
- E** DOORS IN CONSTRUCTION HOARDING SHALL BE MIN. 3'-0" x 6'-6" C/W WEATHERSTRIPPING & FLOOR SWEEPS. PROVIDE KEYPAD (MASTER-KEYED) OR KEYPAD (SYNCHRONIZED) LOCKSET AT EACH HOARDING DOOR, AS PER HOSPITAL PROJECT MANAGER'S DIRECTION. MINIMIZE DISRUPTIONS TO ADJACENT SENSITIVE CLINICAL ZONES DURING CONSTRUCTION.
- F** CONTRACTOR SHALL PROVIDE AND INSTALL CERTIFIED PORTABLE H.E.P.A. FILTERED AIR UNITS AND ENSURE THEY ARE OPERATIONAL THROUGHOUT THE COURSE OF CONSTRUCTION AND RENOVATIONS. PROVIDE TEMPORARY DUCTWORK AND NECESSARY MEANS AND METHODS TO EXHAUST THE AIR FROM WORK ZONES UNDER CONSTRUCTION DIRECTLY TO THE EXTERIOR. COORDINATE WITH HOSPITAL FOR TIE-INS WITH THE BUILDING EXHAUST SYSTEM. CONTRACTOR TO PREPARE A DAILY LOG, MONITOR AND RECORD H.E.P.A. READINGS AND CHANGE FILTERS PERIODICALLY AS REQUIRED.
- G** HOARDING SHALL BE COORDINATED WITH LOCATIONS OF EXISTING DEVICES TO REMAIN IN SERVICE DURING THE WORK.
- H** HOARDING PARTITIONS SHALL CONSIST OF 16mm" GYPSUM WALL BOARD ON BOTH SIDES OF 92mm METAL STUDS AT 406mm o.c. UP TO 15'-0" AFF C/W SOUND ATTENUATION BATTS AND CONTINUOUS 6mil POLY SEALED TO THE FLOOR, CEILINGS, WALLS AND EXTEND TO UNDERSIDE OF EXISTING STRUCTURE. GYPSUM WALL BOARD SHALL BE TAPED AND SEALED.
- J** FOR 92mm METAL STUDS @406mm o.c. HEIGHT UP TO 14'-4" WHERE DEFLECTION L/240 LATERAL PRESSURE = 5 psf < 240 Pa FOR 92mm METAL STUDS @305mm o.c. HEIGHT UP TO 17'-8" WHERE DEFLECTION L120 FOR 152mm METAL STUDS @406mm o.c. HEIGHT UP TO 19'-9" WHERE DEFLECTION L/240 LATERAL PRESSURE = 5 psf < 240 Pa
- K** IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO CO-ORDINATE THE WORK OF ALL SUB-TRADES INCLUDING THE WORK PERFORMED BY THE SPECIALTY EQUIPMENT VENDORS AND SHALL CONFORM TO CSA STANDARD Z317.13-17 INCLUDING ALL APPLICABLE GOVERNING CODES AND REGULATIONS SATISFYING THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION (A.H.).
- L** IT IS UNDERSTOOD THAT MECHANICAL AND ELECTRICAL WORK EXTENDS BEYOND THE BOUNDARY OF THE EXPANDED OPERATING ROOM#14. ALLOW FOR TEMPORARY HOARDING TO BE INSTALLED THAT WILL ENABLE ERECTION OF CONSTRUCTION HOARDINGS WITHIN ALL CLINICAL & STERILE ZONES. CONTRACTOR TO ENSURE A SAFE WORK AREA & CONFORM WITH ALL INFECTION CONTROL REQUIREMENTS INCLUDING SITE SAFETY FOR WORK PERFORMED AFTER NORMAL BUSINESS HOURS INCLUDING PREMIUM TIME WITHIN THE CONTRACTOR'S WORK SITE LIMITS.
- M** TEMPORARY HOARDING TO CONSIST OF CONTINUOUS 6mil POLY SEALED TO FLOOR, WALLS AND UNDERSIDE OF EXISTING CEILING STRUCTURE.
- N** ALL TEMPORARY AND CONSTRUCTION HOARDING SHALL BE PROVIDED IN CONJUNCTION WITH PHASED CONSTRUCTION ACTIVITIES TO MINIMIZE IMPACTS TO CLINICAL AND HOSPITAL OPERATIONS AS DETERMINED BY THE CONTRACTOR'S MEANS AND METHODS

HOARDING GENERAL NOTES

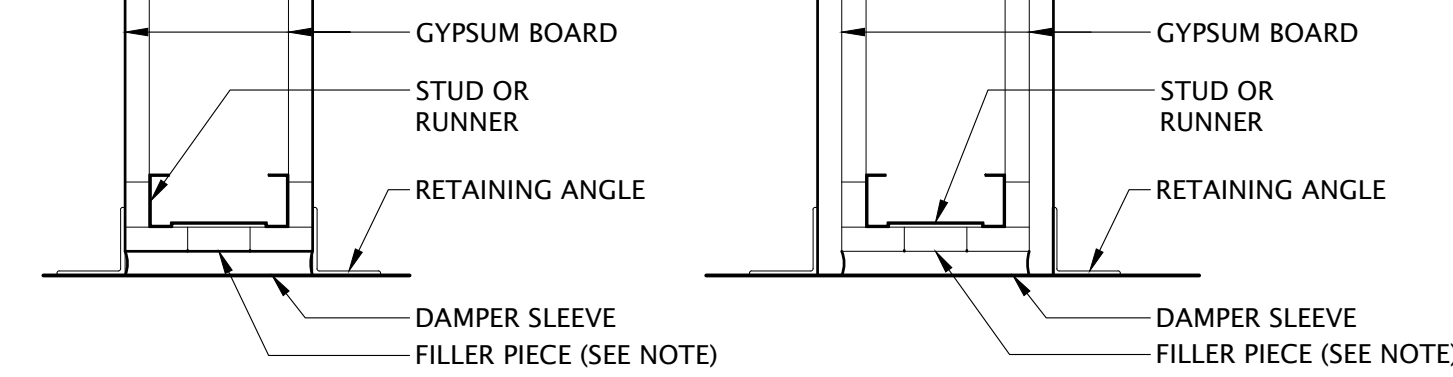
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INSTALLATION OF FIRE DAMPERS

TEST CONDUCTED BY UNDERWRITERS LABORATORIES OF CANADA HAVE CONFIRMED THAT THE FIRE-RATED METAL STUD GYPSUM PARTITIONS ARE SUITABLE ASSEMBLIES FOR THE INSTALLATION OF ULC LABELED FIRE DAMPERS. NOT ONLY IS THE REQUIRED FIRE PERFORMANCE ATTAINED, BUT IN ADDITION, IT WAS SHOWN THAT THESE PARTITIONS CAN WITHSTAND THE STRESS IMPOSED IN THEM BY THE FRACTURE OF THE DAMPER-TO-DUCTING BREAKAWAY CONNECTIONS THROUGH THE VIOLENT ACTION OF DUCTING BEING FORCIBLY KNOCKED AWAY FROM DAMPER.

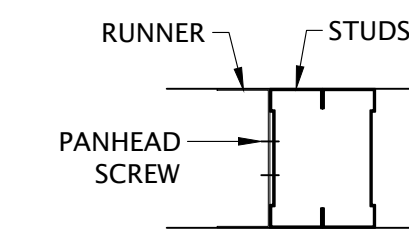
LIMITATIONS

- MAXIMUM SIZE OF ULC LABELED FIRE DAMPER ASSEMBLIES IN SINGLE OR MULTIPLE UNITS IS 1219(48")x1524mm(60") HIGH.
- METHOD OF FRAMING AND PREPARATION OF OPENINGS AS ILLUSTRATED BELOW SHOULD BE FOLLOWED.
- JACK STUDS OVER AND UNDER OPENINGS SHOULD SPACED NOT OVER 400mm(16") O.C.



1-HOUR PARTITION

2-HOUR PARTITION



SECTION A-A

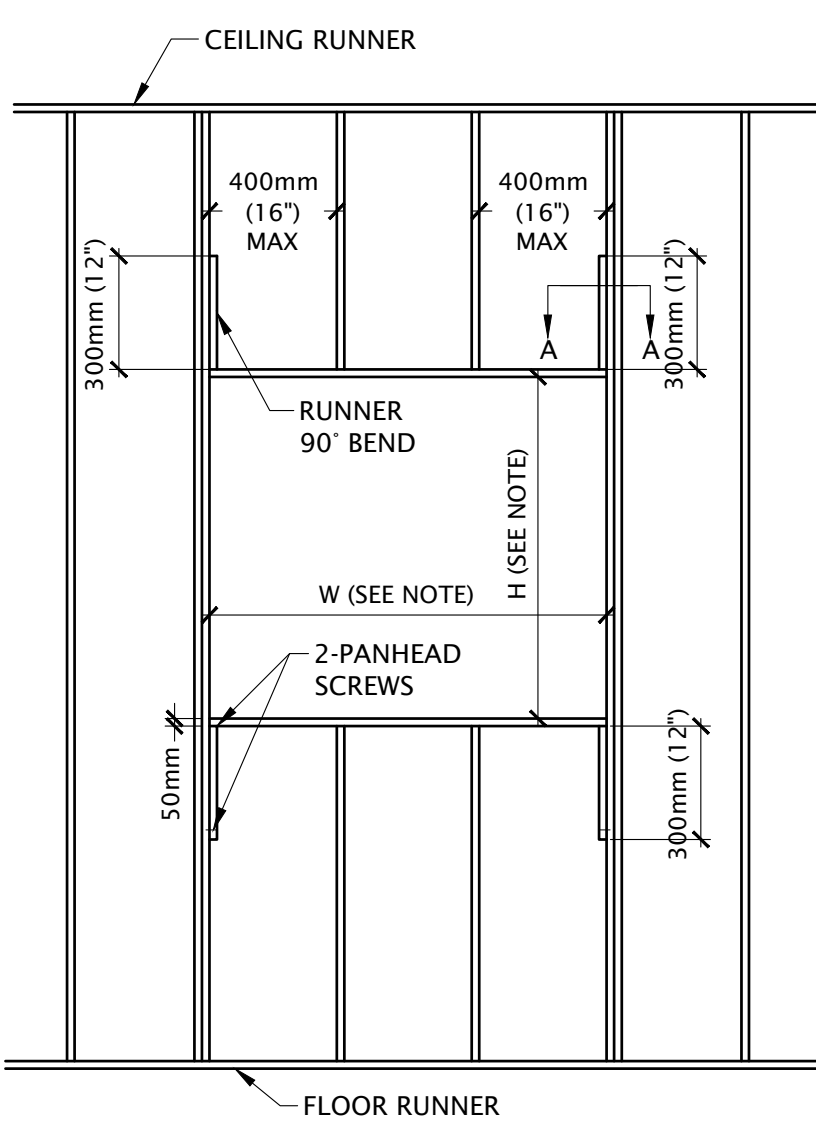
NOTE: GYPSUM PANEL FILLER PIECES TO BE INSTALLED AROUND ENTIRE OPENING AND SCREWED 300mm (12") O.C. TO WEB OF RUNNERS AND STUDS

NOTES:

H = FIRE DAMPER HEIGHT + TOTAL THICKNESS OF GYPSUM FILLER PIECES AT HEADER AND SILL + 13mm (1/2") CLEARANCE

W = FIRE DAMPER WITH + TOTAL THICKNESS OF GYPSUM FILLER PIECES AT HEADER AND SILL + 13mm (1/2") CLEARANCE

GYPSUM PANELS TO BE SCREWED 300mm (12") O.C. TO ALL STUD AND RUNNER FLANGES SURROUNDING OPENING.

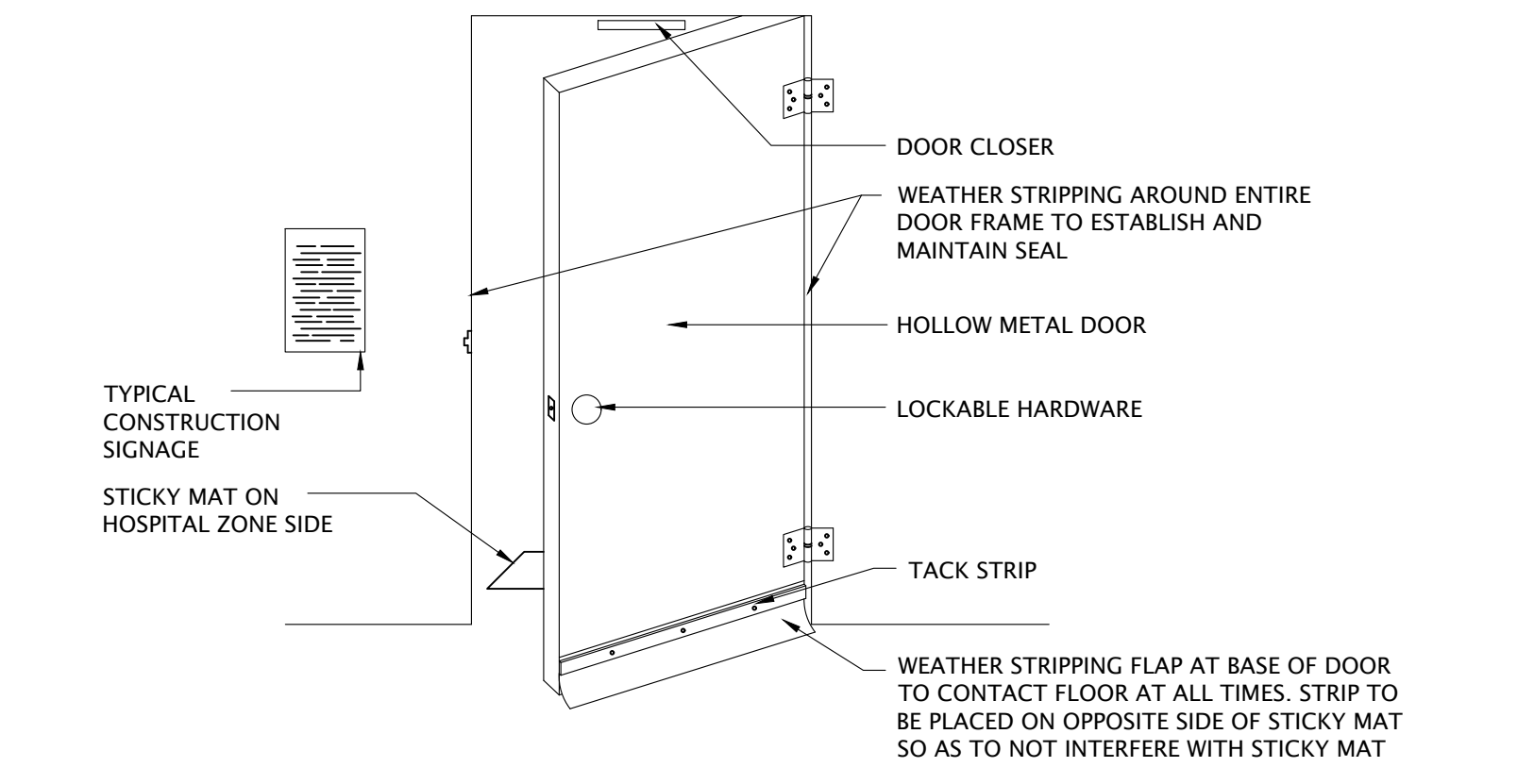


FIRE DAMPER INSTALLATION DETAILS

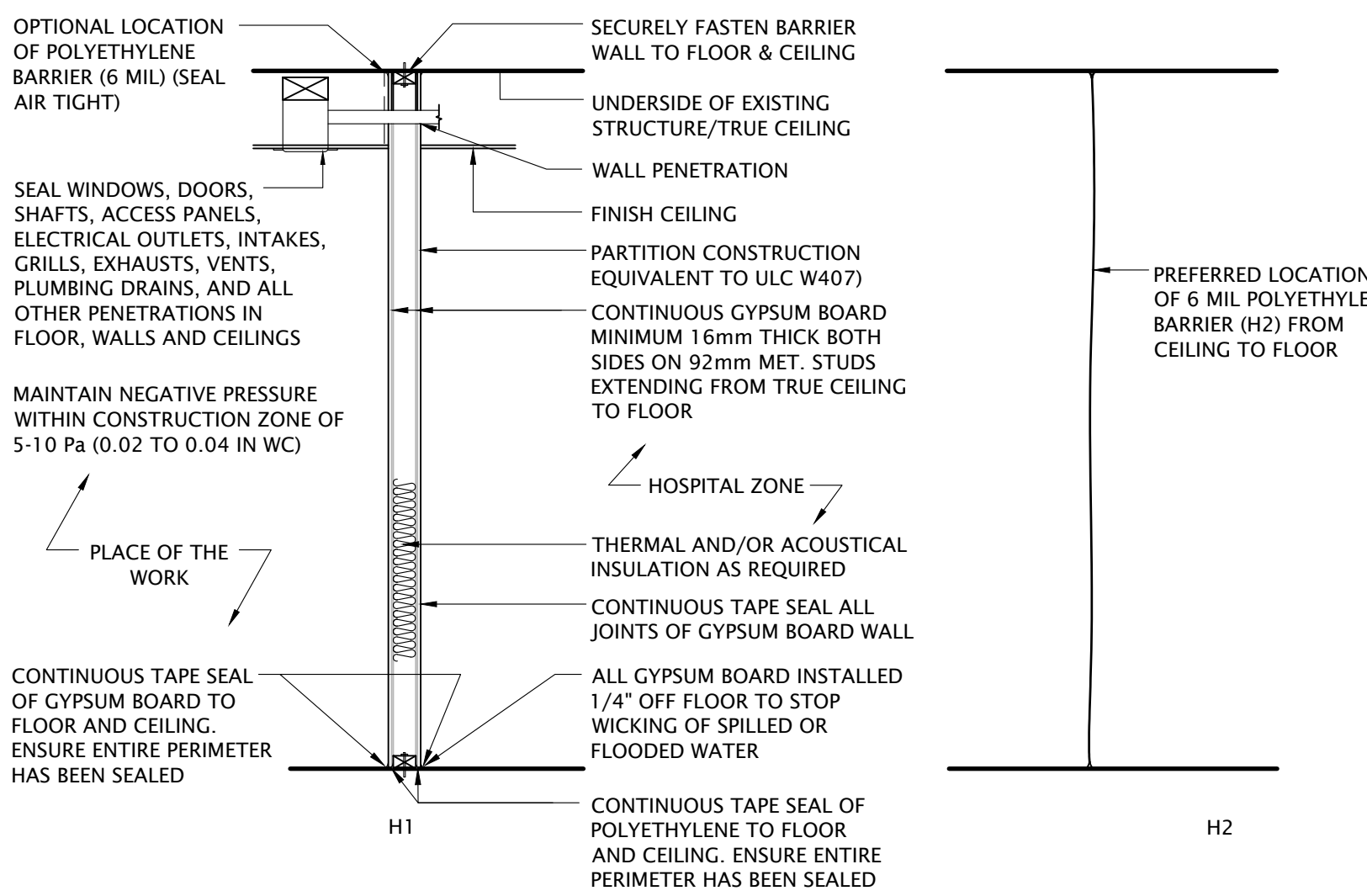
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GENERAL NOTES:

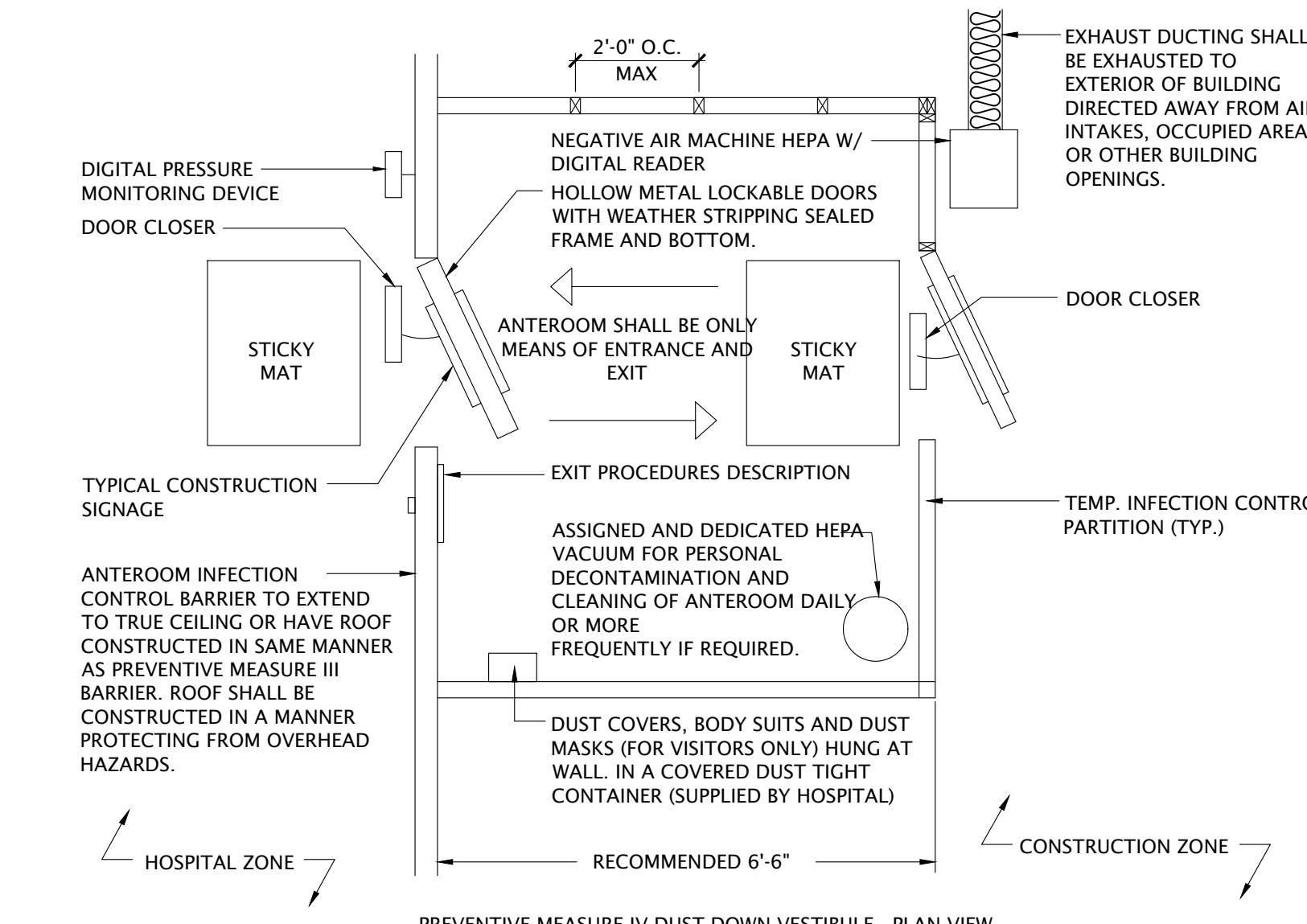
- PROVIDE TEMPORARY CONSTRUCTION ACCESS DOOR C/W CONSTRUCTION CORE LOCKSET & SEAL.
- MAINTAIN POINTS OF ACCESS, EXITS & MAIN CIRCULATION ROUTES ABLE AT ALL TIMES. KEEP CLEAR & FREE OF CONSTRUCTION MATERIAL.
- CONTRACTOR TO COORDINATE ALL WORK TO INFECTION PREVENTION CONTROL (IPAC) POLICIES AND MEASURES.
- CONTRACTOR TO SCHEDULE AND COORDINATE ALL WORK WITH THE SPECIALTY EQUIPMENT PROVIDER IN CONJUNCTION WITH OWNERS DECOMMISSIONING OF THE OR ROOM.
- WHEN THE ITEM IS NOTED AS "TO BE REMOVED", THE DISPOSAL OF OFF SITE SHALL BE INCLUDED IN THE WORKS.
- IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL SUB TRADES WORK TO BE DONE IN CONFORMANCE WITH CSA Z317.13-17.
- PHASING DRAWINGS SHOWN ON DRAWINGS ARE CONCEPTUAL, INDICATING PRIMARY ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL SCOPE OF WORK. WITH ACTUAL SEQUENCING OF ACTIVITIES TO BE DETERMINED BY THE CONTRACTOR TO SUIT THEIR MEANS AND METHODS IN CARRYING OUT THE WORK. FOR MECHANICAL AND ELECTRICAL WORK THAT RESIDE OUTSIDE THE AREAS IDENTIFIED ON PHASING DRAWINGS, REFER TO MECH & ELECT DRAWINGS FOR WHICH PHASE THE WORK MUST BE COMPLETED AS PART THEREOF.
- ALL CONSTRUCTION ACTIVITY IN PUBLIC CORRIDORS OR WITHIN THE OR CLINICAL ZONES SHALL BE COORDINATED WITH, AND APPROVED BY THE HOSPITAL PM AT LEAST 2 WEEKS IN ADVANCE PRIOR TO COMMENCING WORK.



PREVENTIVE MEASURES III & IV INFECTION CONTROL BARRIER DOOR ELEVATION & DETAILS



PREVENTIVE MEASURES III AND IV TEMPORARY INFECTION CONTROL BARRIER



PREVENTIVE MEASURES AND CONTROL BARRIER DETAILS

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TYPICAL WALL/PARTITION LEGEND NOTES:

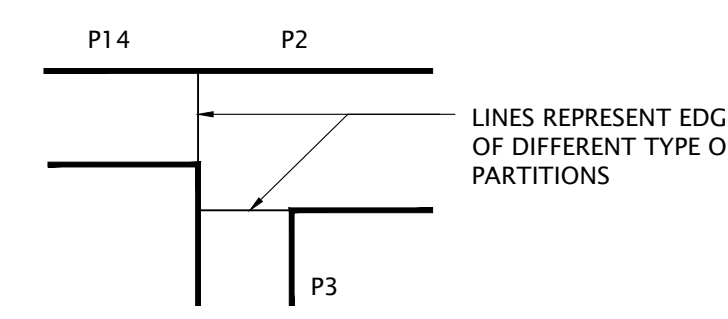
- FIRE RATINGS ARE DENOTED WITHIN WALL TAGS ON FLOOR PLANS, C/W MINIMUM PERFORMANCE REQUIREMENTS TO APPLICABLE ULC DESIGN SYSTEMS AS NOTED IN THE WALL TYPE LEGEND. REFER TO LIFE SAFETY PLANS FOR FIRE SEPARATION LOCATIONS.
- NON-RATED FIRE SEPARATIONS TO BE SEALED TO PREVENT THE PASSAGE OF SMOKE.
- DETAILS MODIFYING THE CONFIGURATION OF WALL/PARTITION TYPES SHOWN ON PLANS SHALL GOVERN. VERIFY WITH CONSULTANT ON SITE EXACT WALL TYPE TO BE USED IF UNCLEAR. THE CONTRACTOR SHALL BE BOUND TO THE CONSULTANTS INTERPRETATION OF WALL TYPES.
- ALL PENETRATIONS THRU RATED PARTITIONS SHALL BE FIRE STOPPED BY ULC APPROVED MATERIALS AND METHODS IN ACCORDANCE WITH THE SPECIFICATIONS UNLESS OTHERWISE NOTED. ALL MECHANICAL DUCTWORK PENETRATIONS ARE TO BE CO-ORDINATED AND INSTALLED WITH REQUIRED FIRE DAMPERING THRU FIRE SEPARATIONS.
- TIGHTLY FIT ALL GYP. BOARD AND ACOUSTIC INSULATION AROUND DUCTS, PIPES CONDUITS & STRUCTURAL MEMBERS PASSING THRU PARTITIONS. CO-ORDINATE W/ MECHANICAL, ELECTRICAL & STRUCTURAL. PROVIDE AIR TIGHT SEALS AT PENETRATIONS, FLOOR/WALL INTERFACE, ROOF DECK SEAMS AND PENETRATIONS, AS REQUIRED TO PROVIDE REDUCED AIR LEAKAGE ASSEMBLIES WHERE NOTED. REFER TO DRAWINGS AND DETAILS.
- OTHER THAN FOR FIRE SEPARATIONS, IN AREAS WHERE INTERFERENCES BY EXISTING/NEW SERVICES &/OR STRUCTURAL SUPPORTS MAKE IT IMPOSSIBLE TO ERECT WALL/PARTITION STUDS CONTINUOUS TO SPECIFIED HEIGHT, PROVIDE ANGLE AND TRAPEZE BRACING AT PARTITION ABOVE CEILING TO ENSURE STRUCTURAL STABILITY.
- PROVIDE MIN. 14 GAUGE METAL STUDS FLOOR TO CEILING AT ALL DOOR JAMBS, WALL OPENINGS, END WALLS AND INTERMEDIATE BRACING ABOVE INTERMEDIATE POINT OF DOUBLE DOORS.
- LEAD LINED PARTITION TO BE DESIGNED BY PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO. LEAD SHEET THICKNESS SHALL BE IN ACCORDANCE WITH CALCULATIONS DETERMINED BY SUNNYBROOK RADIATION SAFETY DEPARTMENT.
- LEAD LINING IN LEAD LINED PARTITIONS SHALL EXTEND TO MINIMUM 2900mm ABOVE THE FINISHED FLOOR.
- CO-ORDINATE WITH ALL TRADES FOR INSTALLATION OF WOOD BLOCKING AND SHEET METAL BACKING FOR WALL MOUNTED DEVICES, ACCESSORIES, AND MILLWORK, PIPE BRACING ETC. WHERE WALL HUNG CABINETS ARE LOCATED, PROVIDE 14 ga. STUDS PLACED AT BOTH ENDS OF THE CABINETS/HANGERS @ 8'-0" MAX, C/W CONTINUOUS 18 ga. SHEET METAL REINFORCED BACKING. COORD. BACKING LOCATIONS WITH ANCHORING POINTS OF WALL HUNG ITEMS.
- CO-ORDINATE STUD LOCATIONS AND ADDITIONAL METAL FRAMING WITH DRAWINGS, FOR WORK BY ELECTRICAL (RECESSED ELECTRICAL PANELS, DEVICE BOXES, SERVICE PENETRATIONS, ETC.) AND WORK BY MECHANICAL (GRILLES, TERMINALS, DUCTING, FRAMING AROUND FIRE DAMPERS, SERVICE PENETRATIONS, ETC.)
- WHERE INTERIOR WALL TYPE DESCRIPTIONS INDICATE "GYPSUM BOARD" REFER TO THE FINISH OR SUBSTRATE SCHEDULE FOR UNIQUE GYPSUM BOARD PANEL TYPES NOTED UNDER "SUBSTRATE".
- WHERE INTERIOR WALL TYPE DESCRIPTIONS INDICATE "GYPSUM BOARD" AND THE DRAWINGS INDICATE FIRE SEPARATION IS REQUIRED (SEE NOTE 1), PROVIDE GYPSUM BOARD PANELS OF THE TYPE REQUIRED BY AN APPROVED ULC DESIGN TO SUIT THE RATING REQUIRED.
- PROVIDE FIRE STOP AND SMOKE SEAL IN FIRE RATED ASSEMBLIES.
- PROVIDE ACCESS DOORS IN HOARDING PARTITIONS AS REQUIRED TO PERFORM THE WORK COMPLETE WITH LOCKING HARDWARE. REFER TO SPECIFICATIONS FOR INFORMATION ON INFECTION CONTROL PROCEDURES AND BARRIERS. REFER TO TYPICAL HOARDING DETAILS.

INTERIOR PARTITION TYPES

ALL GYPSUM WALL BOARD TO BE FIBREGLASS MAT - FACED PANEL

TYPE	STC	FRR	DESCRIPTION	GRAPHICS	NOTES
P-1	52		16mm GYPSUM WALL BOARD LEAD LINING - MIN. 3.2 mm 92mm STEEL STUDS AT 600mm O.C. W/89mm SOUND ATTENUATION BLANKETS 16mm GYPSUM WALL BOARD		ACOUSTIC SEALANT TOP AND BOTTOM
P-2	52		16mm GYPSUM WALL BOARD LEAD LINING - MIN. 3.2 mm 152mm STEEL STUDS AT 600mm O.C. W/89mm SOUND ATTENUATION BLANKETS 16mm GYPSUM WALL BOARD		ACOUSTIC SEALANT TOP AND BOTTOM
P-3	52		16mm MOISTURE RESISTANT GYPSUM WALL BOARD LEAD LINING - MIN. 3.2 mm 92mm STEEL STUDS AT 600 O.C.		ACOUSTIC SEALANT TOP AND BOTTOM
P-4			16mm GYPSUM WALL BOARD 41mm STEEL FURRING CHANNEL AT 300mm O.C. LEAD LINING - MIN. 3.2 mm EXISTING WALL		ACOUSTIC SEALANT TOP AND BOTTOM
P-5	49		16mm MOISTURE RESISTANT GYPSUM WALL BOARD 92mm STEEL STUDS AT 600mm O.C.		ACOUSTIC SEALANT TOP AND BOTTOM
P-6			16mm MOISTURE RESISTANT GYPSUM WALL BOARD 64mm STEEL STUDS AT 300mm O.C. LEAD LINING - MIN. 3.2 MM EXISTING WALL		ACOUSTIC SEALANT TOP AND BOTTOM
P-1F	51	1HR ULC W407	16mm TYPE X GYPSUM WALL BOARD 92mm STEEL STUDS AT 600mm O.C. W/89mm SOUND ATTENUATION BLANKETS 16mm TYPE X GYPSUM WALL BOARD		ACOUSTIC SEALANT TOP AND BOTTOM
P-2F	52	1HR ULC W407	16mm TYPE X GYPSUM WALL BOARD LEAD LINING - MIN. 3.2 mm 152mm STEEL STUDS AT 600mm O.C. W/89mm SOUND ATTENUATION BLANKETS 16mm TYPE X GYPSUM WALL BOARD		ACOUSTIC SEALANT TOP AND BOTTOM

PARTITION FLOOR PLAN DIAGRAM:



LEAD SHIELDING GENERAL NOTES:

ENSURE LEAD SHEETS HAVE MINIMUM 50mm OVERLAPPING JOINTS AND PROVIDE 50mm STRIP OF 1/8" (3.2mm) LEAD FULL HEIGHT OF STEEL STUDS AT SEAMS. PROVIDE 50mm THICK LEAD PUCK FASTENED TO 1/8" (3.2mm) LEAD ANGLE AND ANCHORED TO STUD CAVITY TO MAINTAIN CONTINUITY OF LEAD SHIELDING PROTECTION.

STEEL STUD GAUGES FOR ALL PARTITIONS (INCLUDING LEAD LINES PARTITIONS) SHALL BE ENGINEERED BY P.ENG LICENSED IN THE PROVINCE OF ONTARIO AND INCLUDED ON THE SHOP DRAWING SUBMITTALS FOR CONSULTANT REVIEW/APPROVAL.

NEW STEEL STUD FRAMING WITHIN ALL LEAD LINED PARTITIONS SHALL BE ENGINEERED BY STUD FRAMING CONTRACTOR TO CARRY THE FULL LOAD OF THE LEAD SHEETS.

PARTITION TYPES SCHEDULE & NOTES

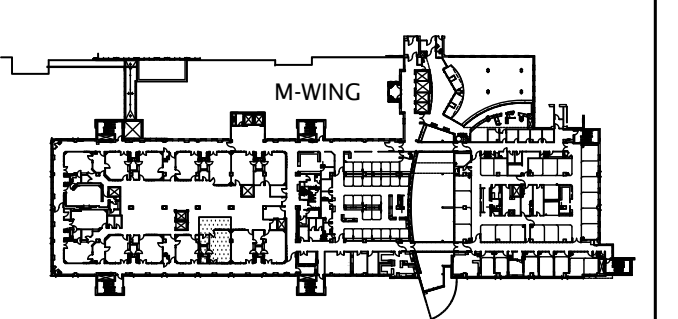
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Keyplan



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Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

Drawing Title
**PREVENTIVE MEASURES AND
 CONTROL BARRIER DETAILS,
 PARTITION SCHEDULE,
 GENERAL DETAILS**

Check Scale (may be photo reduced)

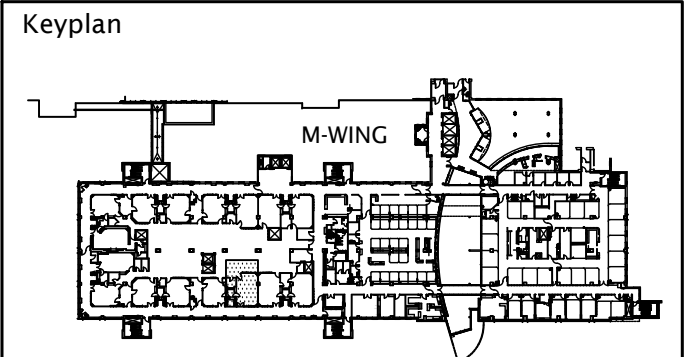
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2020-03-23	PERMIT	C
2020-07-28	TENDER	0

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Seal(s)	North Arrow
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Project Manager D.WITALEC	Drawn A.SHVETS
Project Leader L.LE	Checked A.SHVETS

Client

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 M4N 3M5

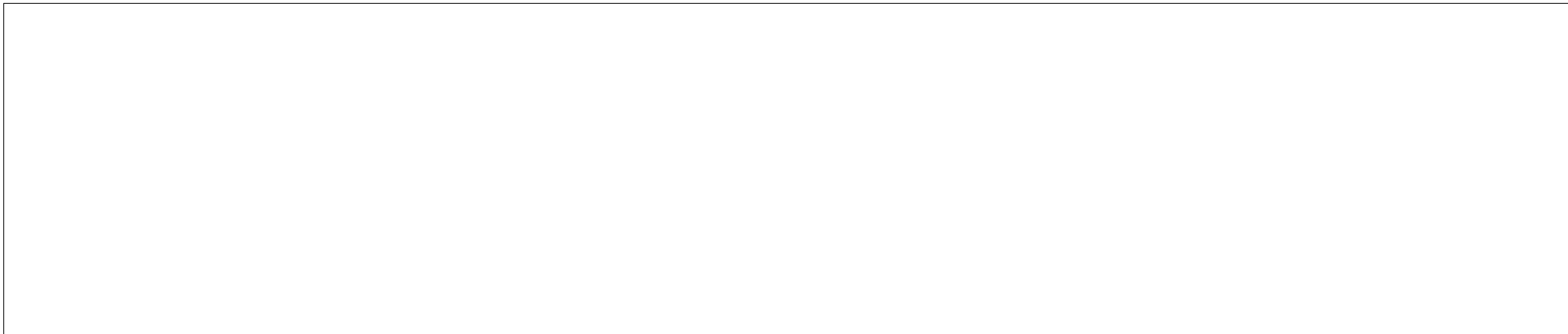
Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

Drawing Title
**TYPICAL MOUNTING HEIGHTS,
 WALL REINFORCING**

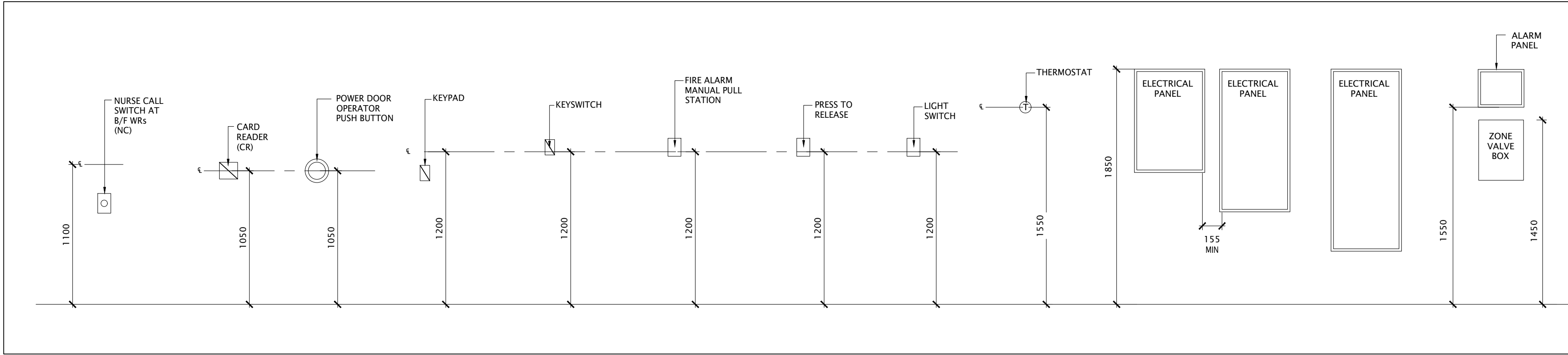


Project No. **ONBL19-0186**

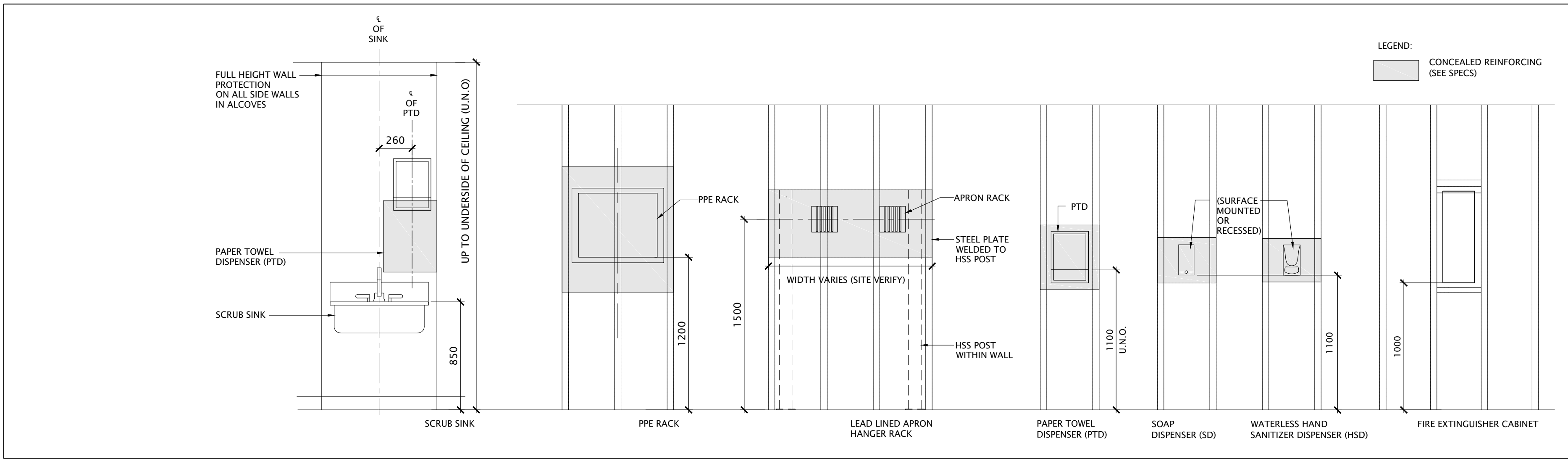
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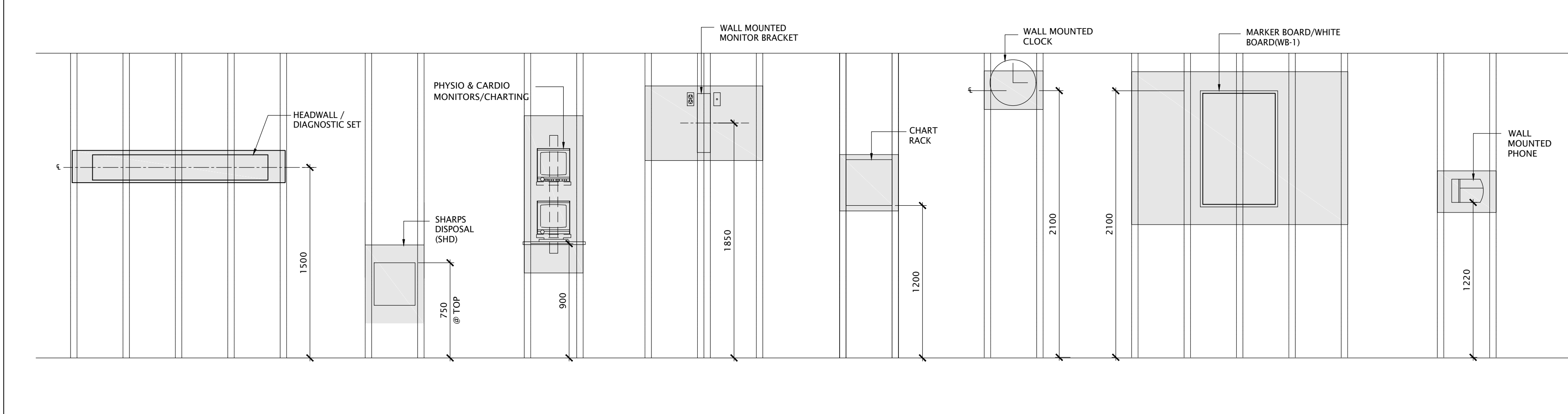
RESERVED 4
 A01-02



MOUNTING HEIGHTS: MECHANICAL & ELECTRICAL DEVICES
 1:25 3
 A01-02

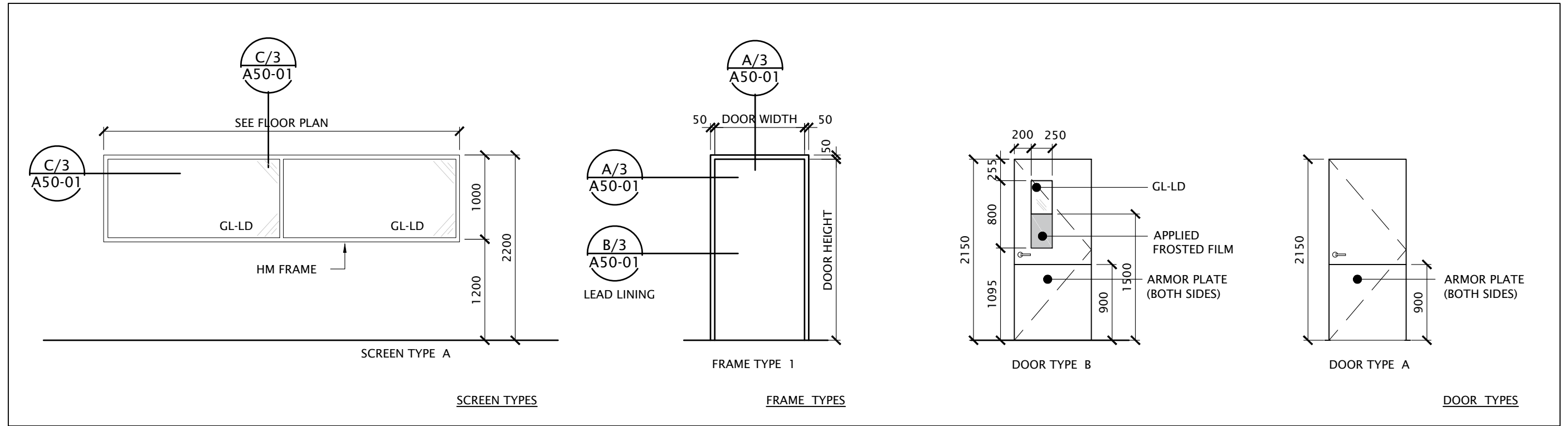
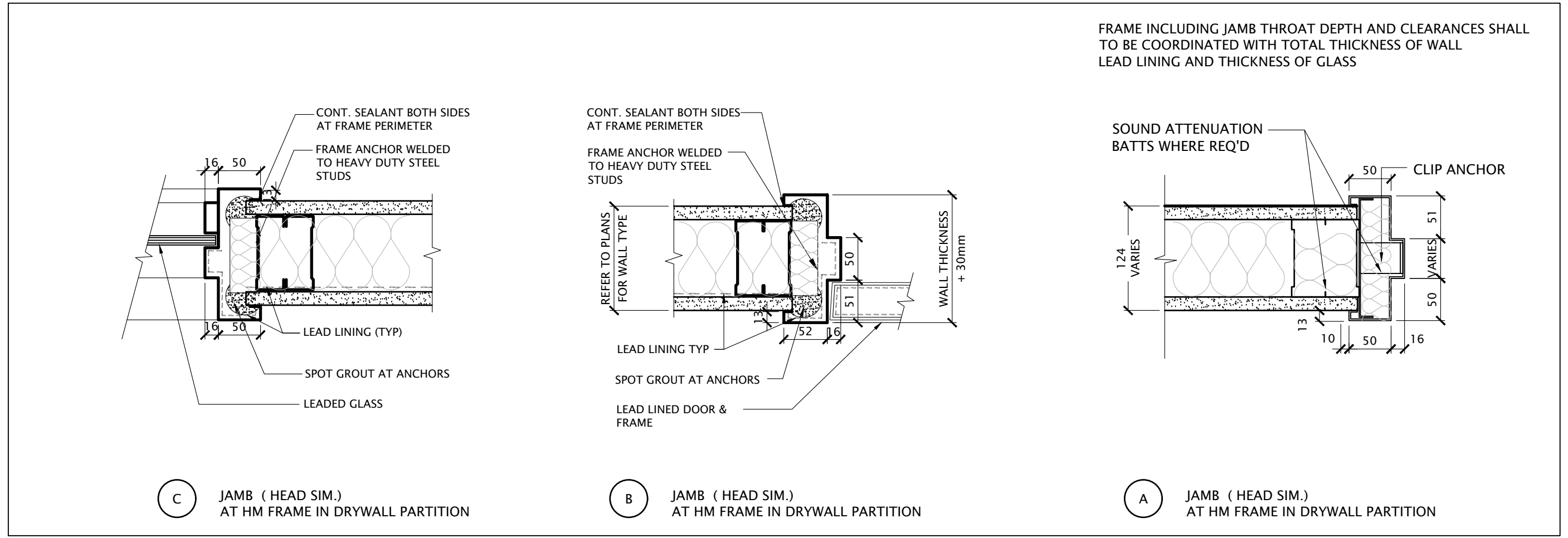
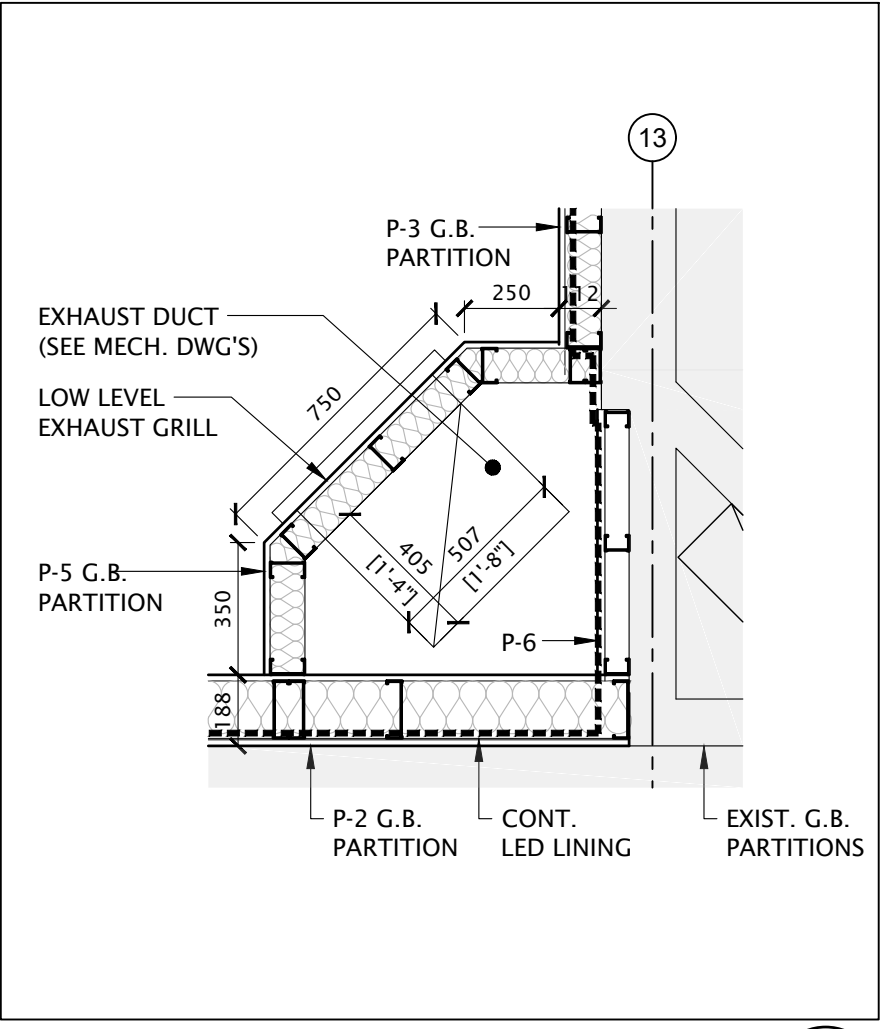
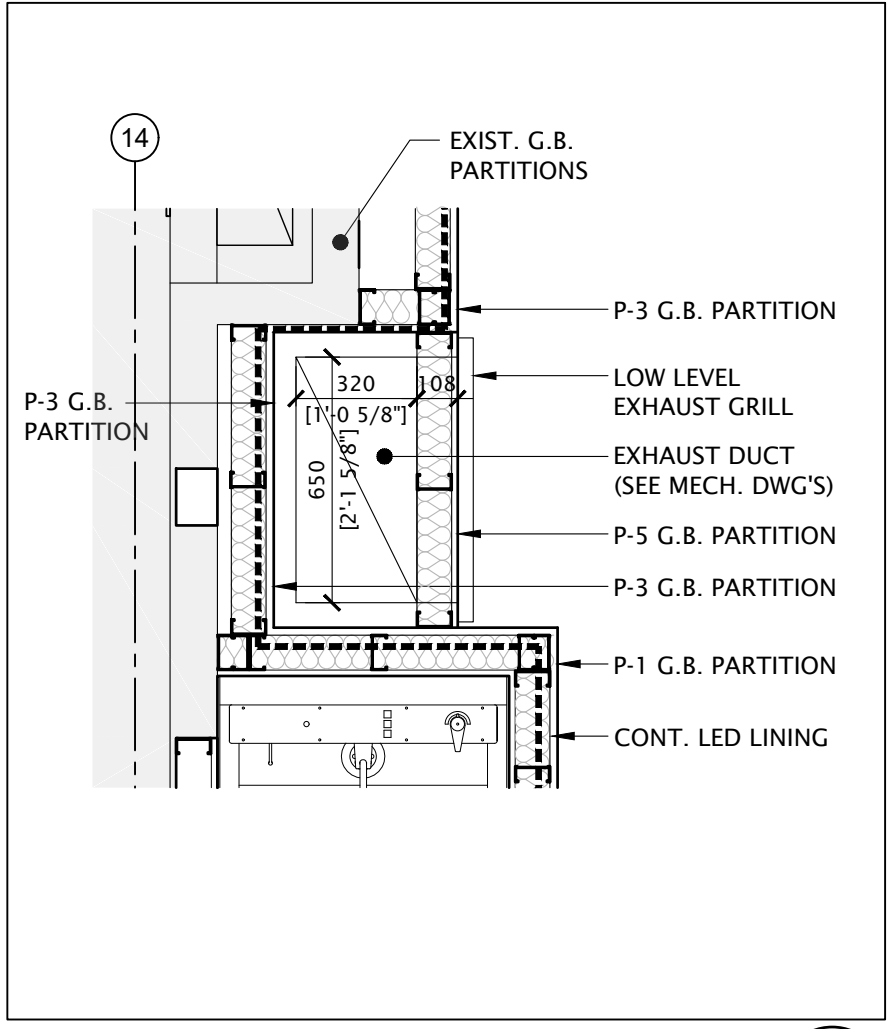
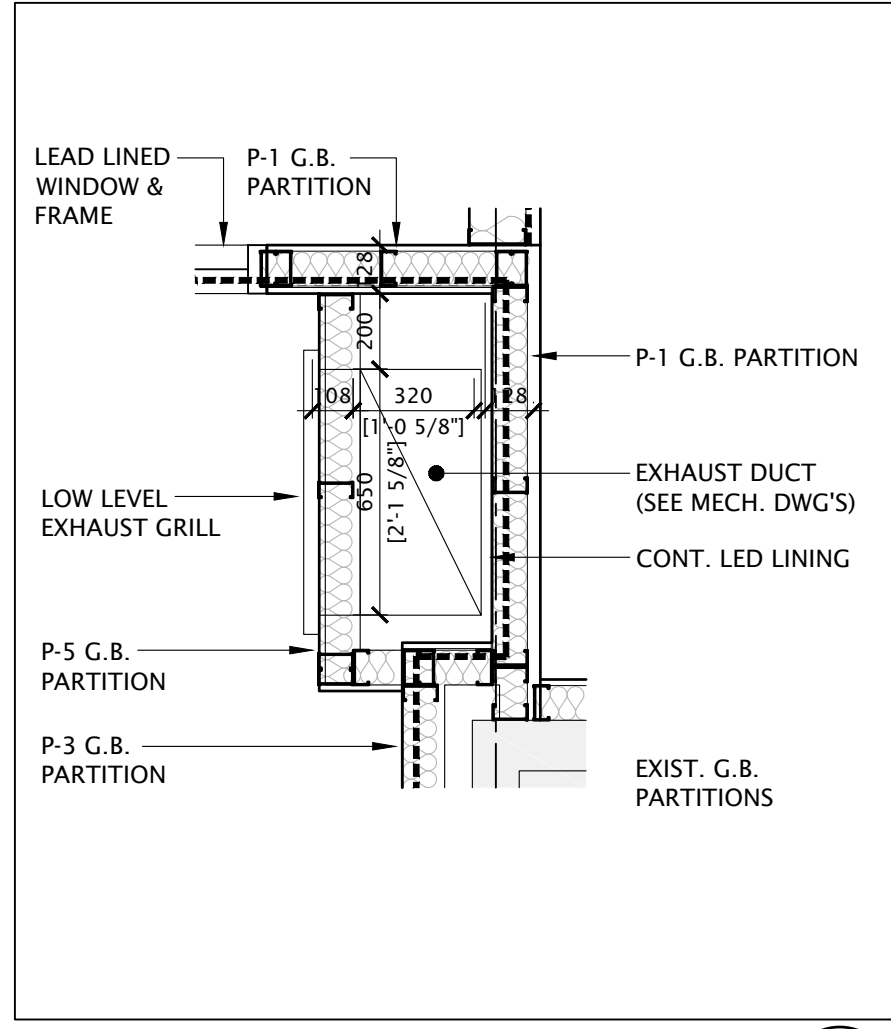
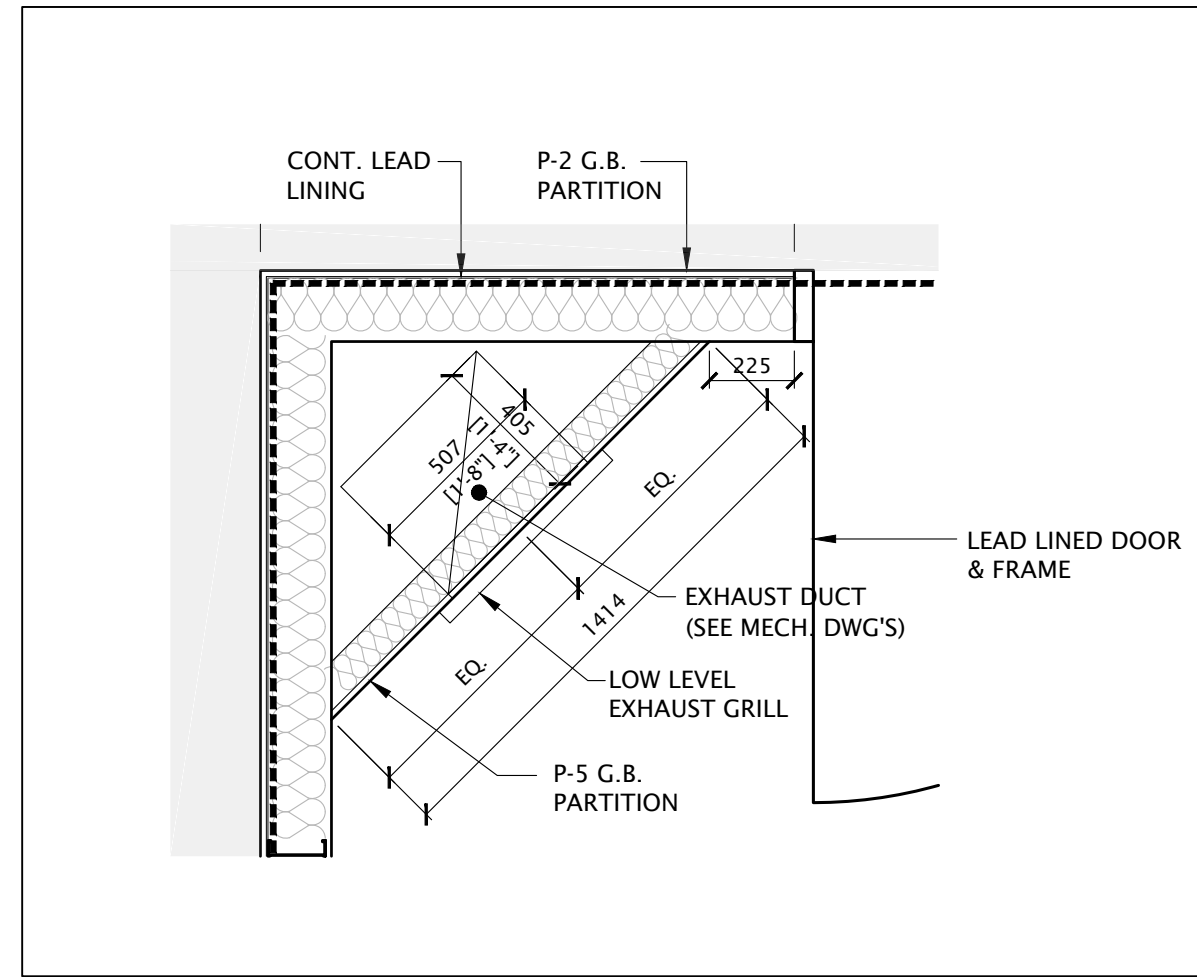
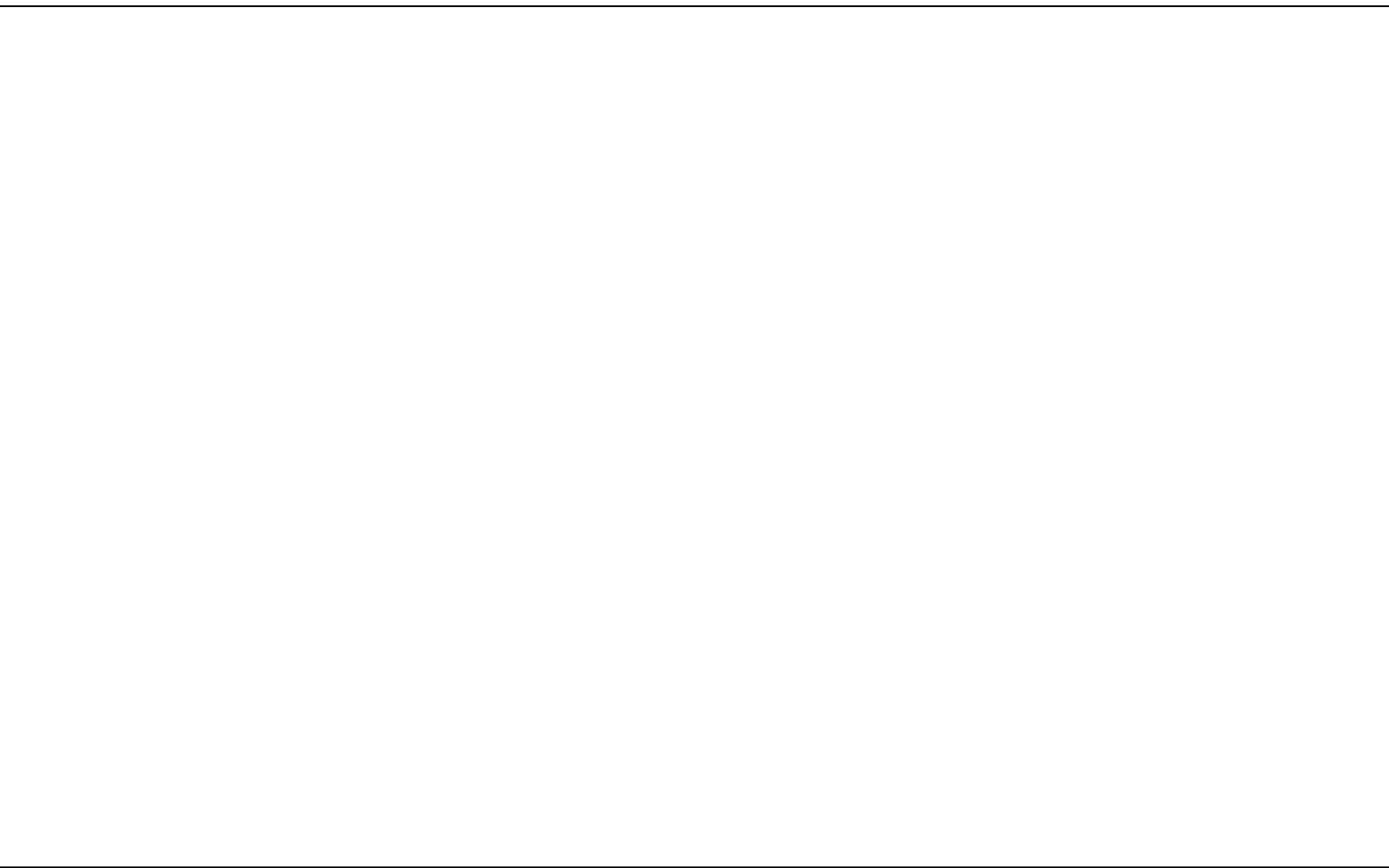


MOUNTING HEIGHTS AND CONCEALED REINFORCEMENT: ACCESSORIES AND SINK
 1:25 2
 A01-02



MOUNTING HEIGHTS AND CONCEALED REINFORCEMENT: EQUIPMENT
 1:25 1
 A01-02

RESERVED 4
 A01-02



DOOR NO.	ROOM	DOOR										FIRE RATING	REMARKS		
		WIDTH	HEIGHT	THICK	TYPE	MAT'L	FINISH	GLASS	STC	TYPE	MAT'L			FINISH	STC
283.A	EQUIPMENT ROOM M2 283	1070	2150	45	A	HM	PT	-	52	1	HM	PT	52	45 MIN.	
285.A	HYBRID OR PROCEDURE M2 285	915+915	2150	45	B	HM	PT	GL-LD	-	1	HM	PT	52		LEAD LINED DOOR & FRAME, DOOR & FRAME STEEL STIFFENERS CR, PDD ON BOTH SIDES
285.B	HYBRID OR PROCEDURE M2 285	1220	2150	45	B	HM	PT	GL-LD	-	1	HM	PT	52	45 MIN.	LEAD LINED DOOR & FRAME, DOOR & FRAME STEEL STIFFENERS PDD ON BOTH SIDES
E11.A	UPS ROOM M3 E11	915	2150	45	A	HM	PT	-	52	1	HM	PT	52		

SCREEN NO.	ROOM	SCREEN				FRAME			FIRE RATING	REMARKS
		WIDTH	HEIGHT	TYPE	GLASS	TYPE	MAT'L	FINISH		
SC 285.A	HYBRID OR PROCEDURE M2 285	4100	1291	A	GL-LD	1	HM	PT		LEAD LINED SCREEN & FRAME, FRAME STEEL STIFFENERS

ABBREVIATIONS:
 CR - CARD READER, ML - ELECTROMAGNETIC DOOR LOCK, DS - ELECTRIC DOOR STRIKE, EM - EXIT MOTION DETECTOR, DB - DOOR BELL, PDD - DOOR OPERATOR PUSH BUTTON, PGLS - PRIVACY GLASS SCREEN, HO - HOLD OPEN DEVICE, RR - REMOTE RELEASE, S - SPEAKER/INTERCOM, HM - HOLLOW METAL, WD - WOOD, PLAM - PLASTIC LAMINATE, PT - PAINT, GL - GLAZING, GL-FR - FIRE RATED GLAZING, GL-LD - 14 mm LEADED GLAZING

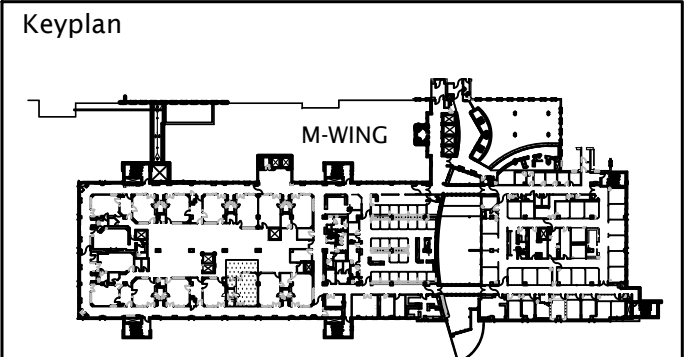
NOTES:
 • PROVIDE NEW PAINT ON EXIST. DOORS & FRAMES AS DIRECTED BY THE OWNER
 • GLAZING IN DOORS & SCREEN SHALL BE 3.2mm LEAD EQUIVALENT
 • LEAD LINED IN DOOR & FRAME SHALL BE 3.2mm THICK

DOOR AND SCREEN SCHEDULE 1 A01-03
1:50

DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
2020-07-28	TENDER	0

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Seal(s) North Arrow

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Project Manager: D.WITALEC
 Drawn: A.VANE/A.SHVETS

Project Leader: L.LE
 Checked: A.SHVETS

Client: Sunnybrook Health Sciences Centre
 2075 BAYVIEW AVENUE, TORONTO, ON. M4N 3M5

Project: **M-WING LEVEL 2 HYBRID OPERATING ROOM**

Drawing Title: **DOOR, FRAME & SCREEN SCHEDULE, DOOR & SCREEN FRAME DETAILS, FLOOR PLAN DETAILS**

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

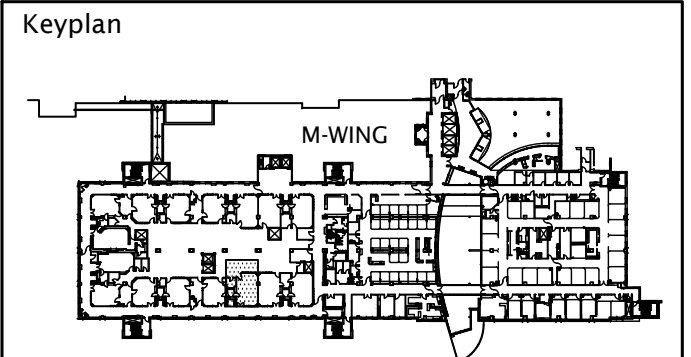
Project No. ONBL19-0186

Drawing No. **A01-03**

DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
2020-07-28	TENDER	0

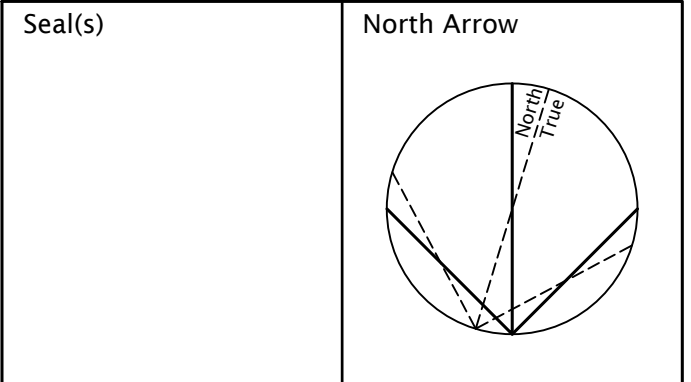
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Project Manager D.WITALEC	Drawn A.SHVETS
Project Leader L.LE	Checked A.SHVETS

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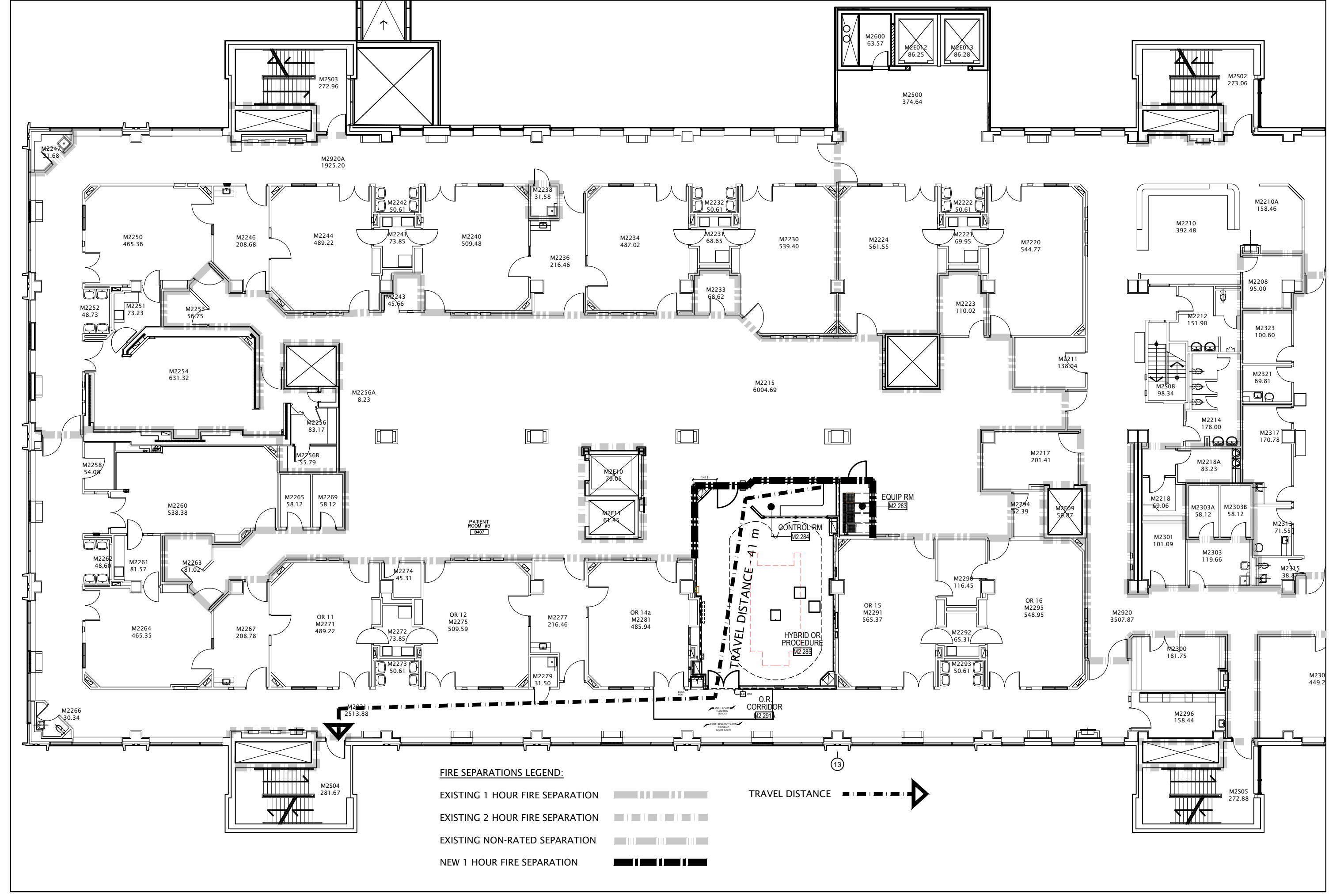
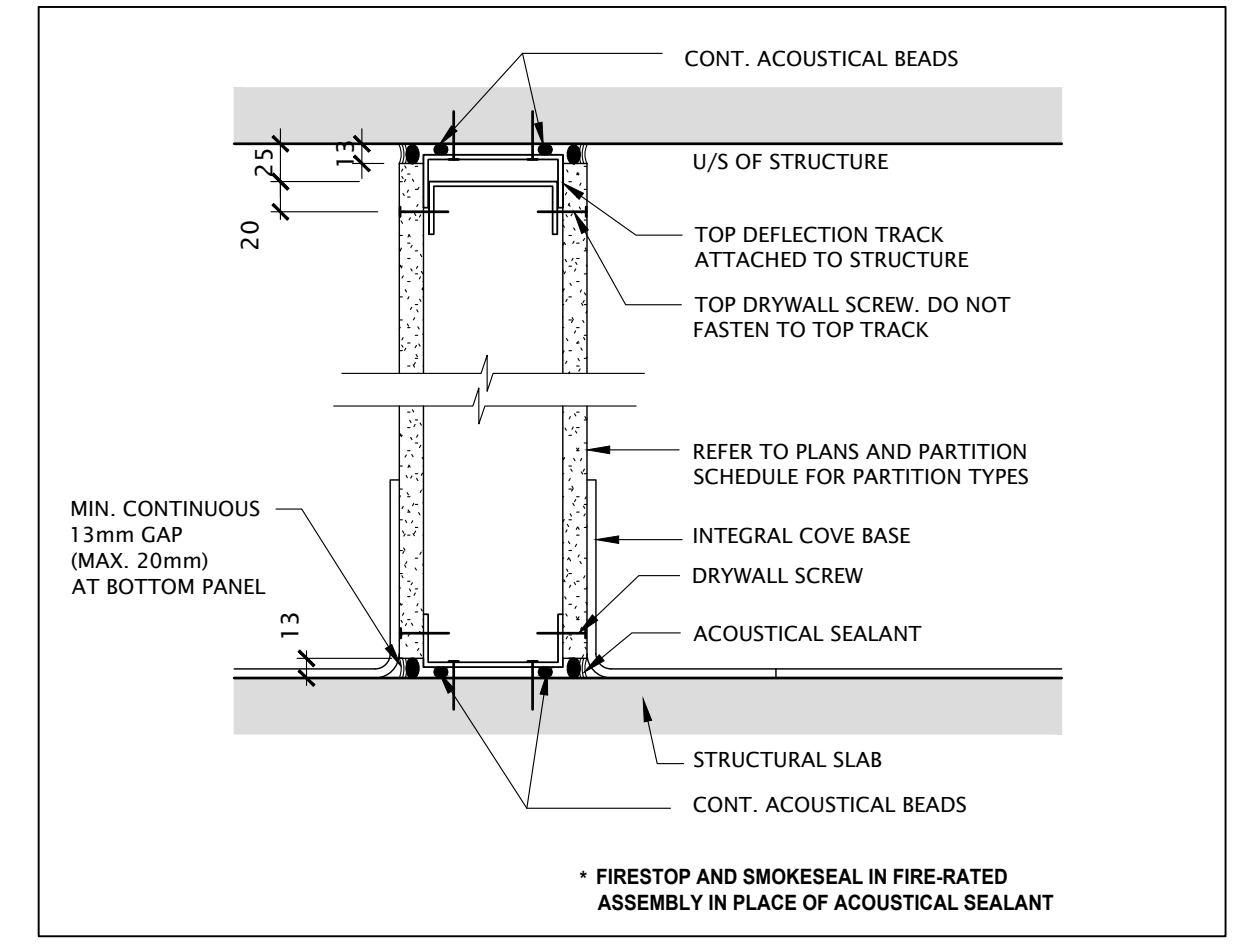
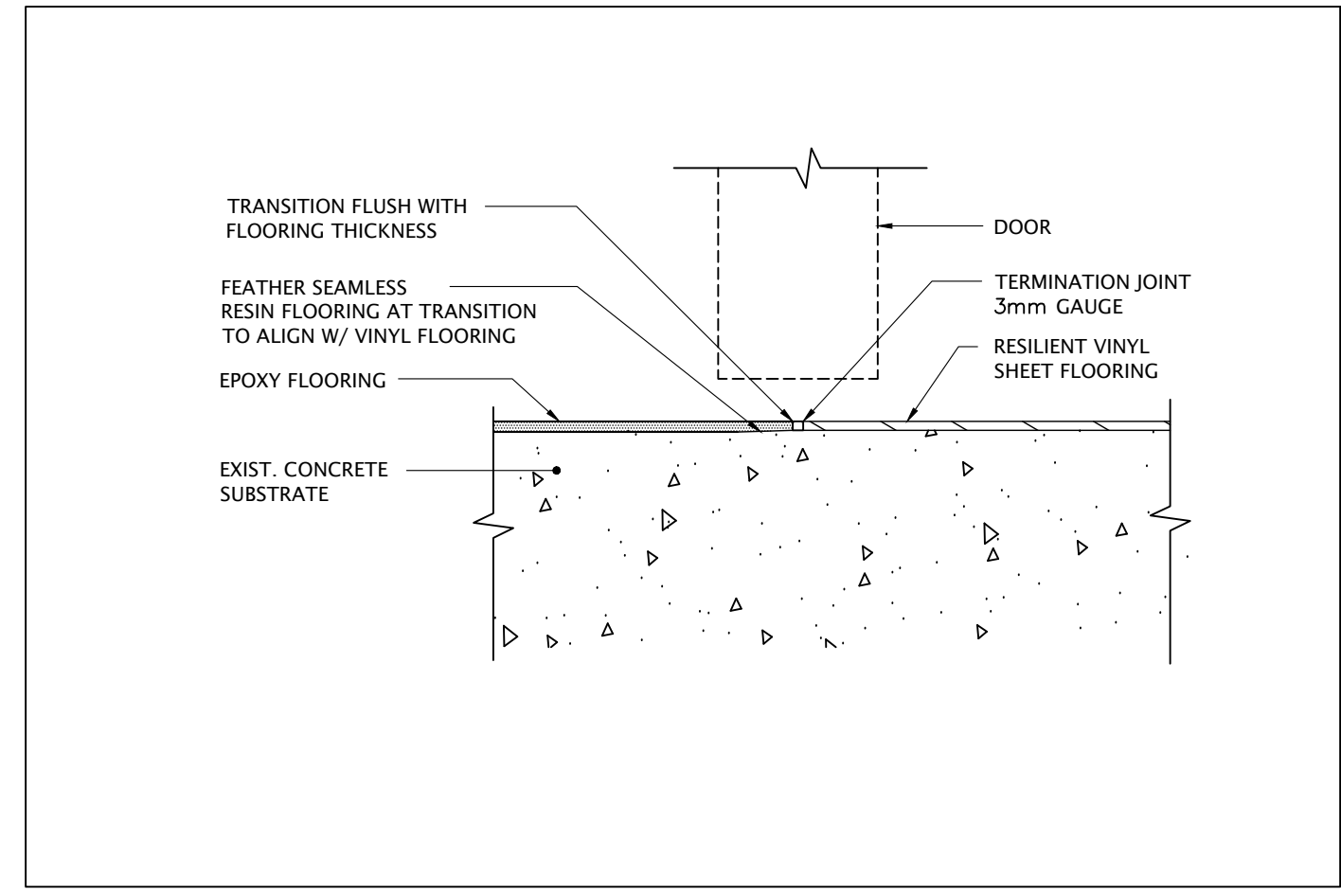
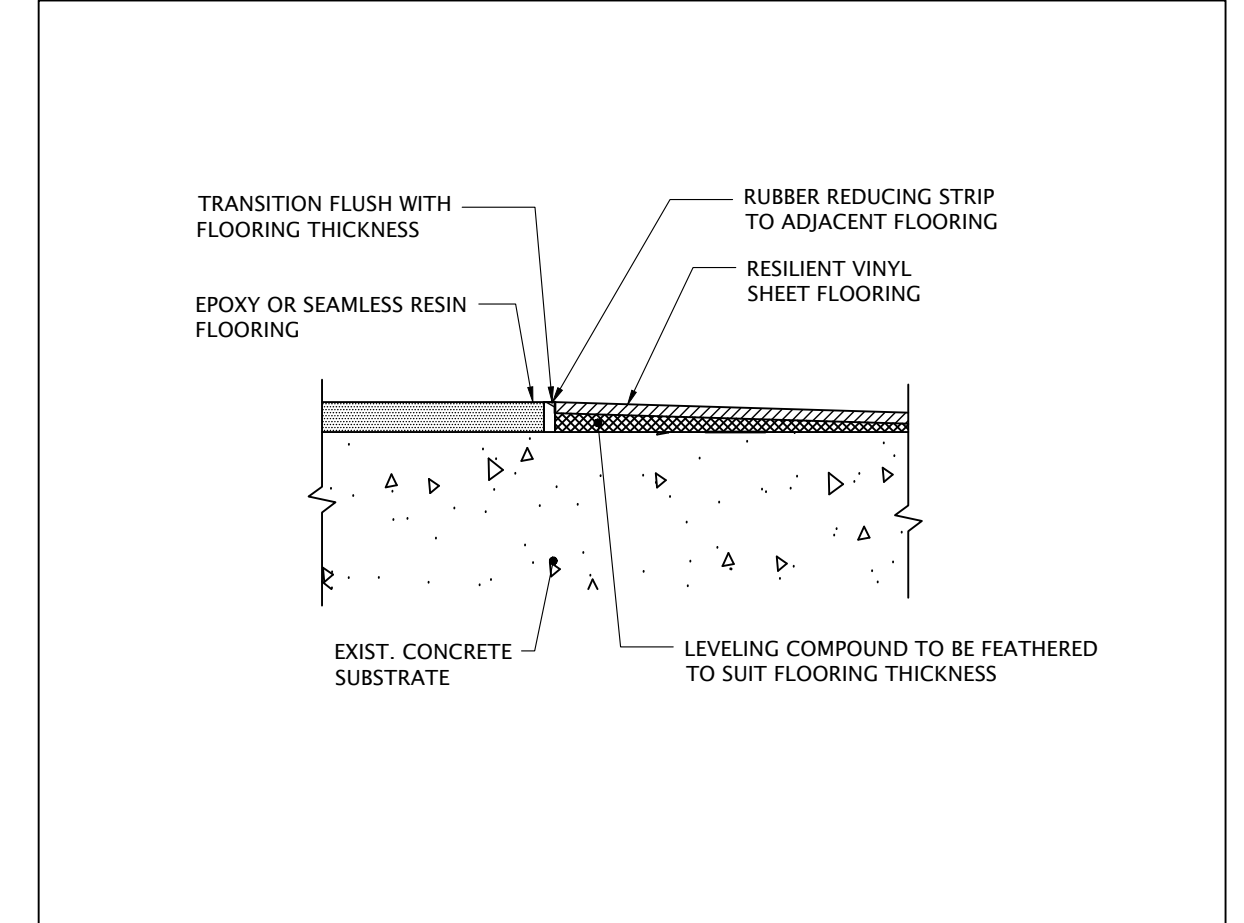
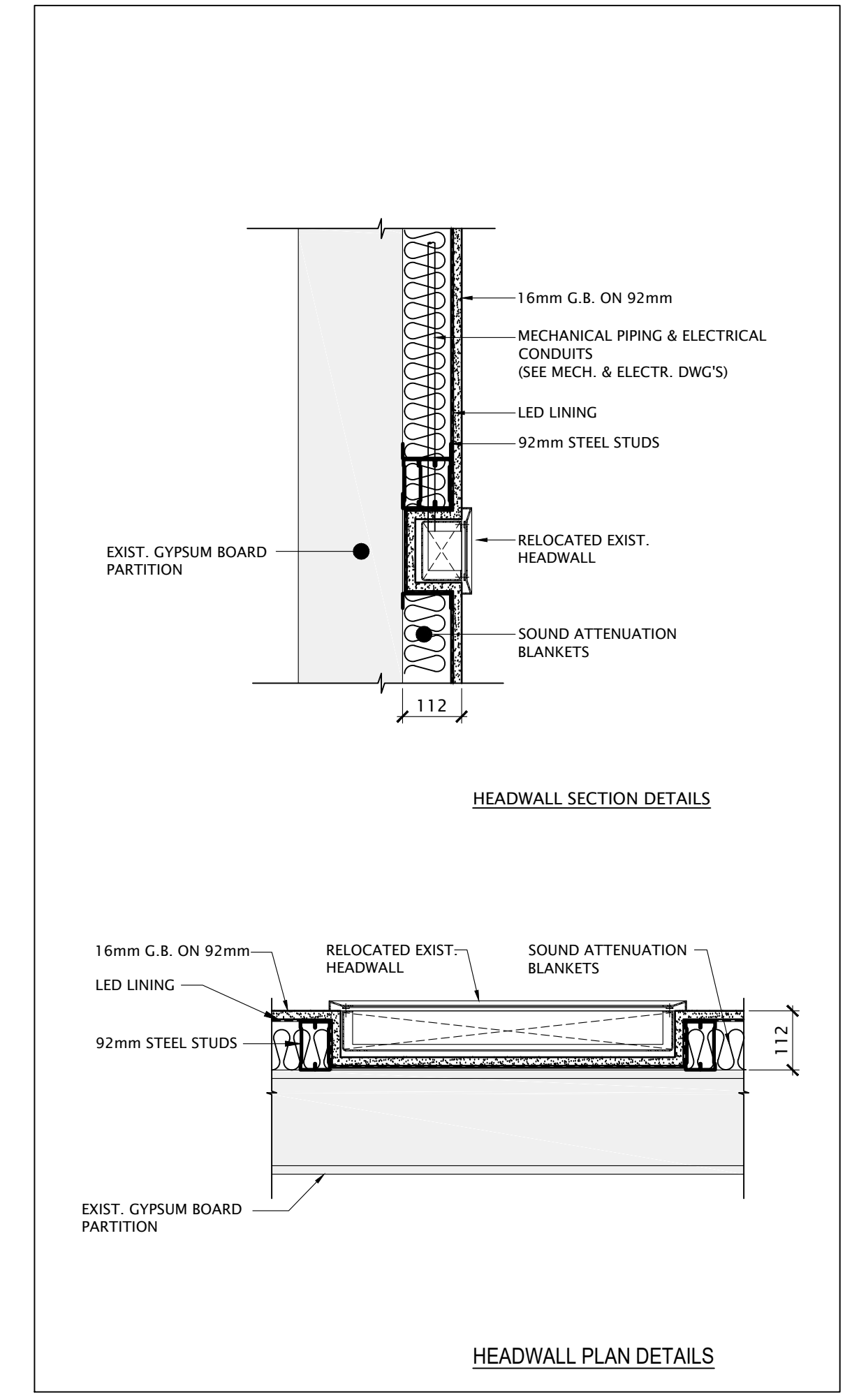
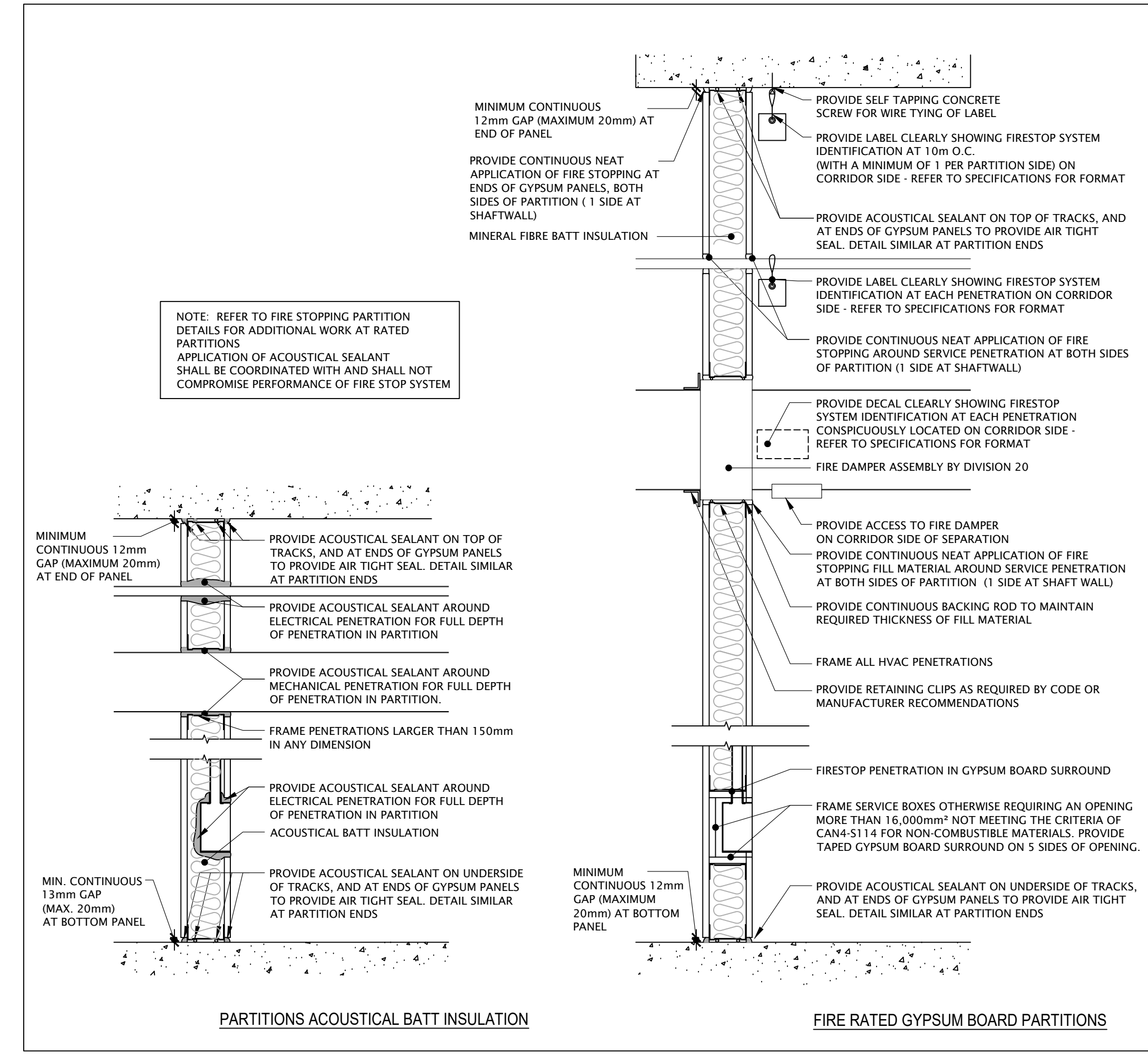
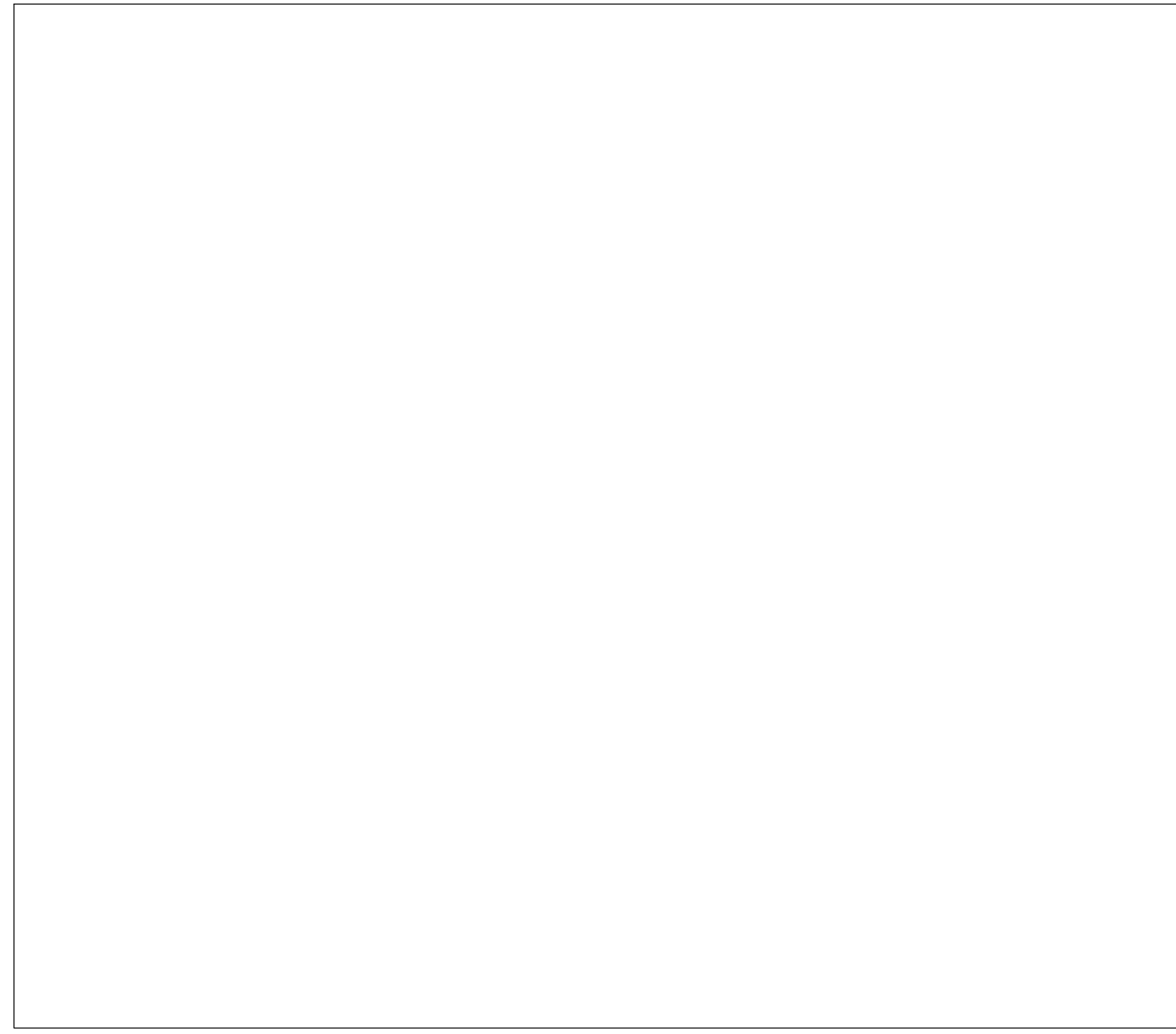
Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

Drawing Title
**PARTIAL M-WING LEVEL 2
 LIFE SAFETY PLAN,
 TYPICAL DETAILS**



Project No. ONBL19-0186

Drawing No. **A10-01**



PHASING PLANS NOTES

- PHASING PLANS PROVIDED FOR GENERAL INFORMATION ONLY AND NEED TO BE COORDINATED WITH THE HOSPITAL, INFECTION CONTROL PRIOR TO START OF ANY CONSTRUCTION ACTIVITIES AND ERECTION OF HOARDING
- PHASING TO BE COORDINATED TO HOSPITAL DECONTAMINATION SCHEDULE
- DELIVERY OF CONSTRUCTION MATERIALS TO THE WORK SITE TO BE DONE BEFORE OR AFTER HOURS, NOT TO INTERRUPT ANY PATIENT RELATED ACTIVITIES
- PHASING PLANS TO BE READ TOGETHER WITH DEMOLITION AND NEW PLANS
- SEE GENERAL NOTES AND GENERAL CONSTRUCTION NOTES
- CONTRACTOR TO ALLOW IN SCHEDULE UP TO 5 DAYS FOR TERMINAL CLEANING BETWEEN PHASES (BY THE HOSPITAL)
- FOR CONTRACTOR DESIGNATED ELEVATOR SEE CONTRACTOR ACCESS BASEMENT PLAN
- PROVIDE ALL NECESSARY PRECAUTIONS PRIOR TO CORE DRILLING TO FLOOR BELOW
- READ 1-ST FLOOR IMPACT CEILING PLAN AND 3-RD FLOOR PHASING PLAN TOGETHER W/ 4-TH FLOOR PLANS, COORDINATE W/ THE HOSPITAL
- PROVIDE HOARDING DURING CONCRETE CUT WORK IN MECHANICAL ROOM TO PROTECT EXISTING EQUIPMENT
- IN ANY GIVEN PHASE, NO MORE THAN ONE OPERATING ROOM WILL BE DOWN AT ANY TIME DURING NORMAL OPERATING HOURS.

PHASING PLANS NOTES AND LEGENDS:



PHASING PLANS NOTES AND LEGEND 7

PHASE 2 ARCHITECTURAL, MECHANICAL & ELECTRICAL WORK

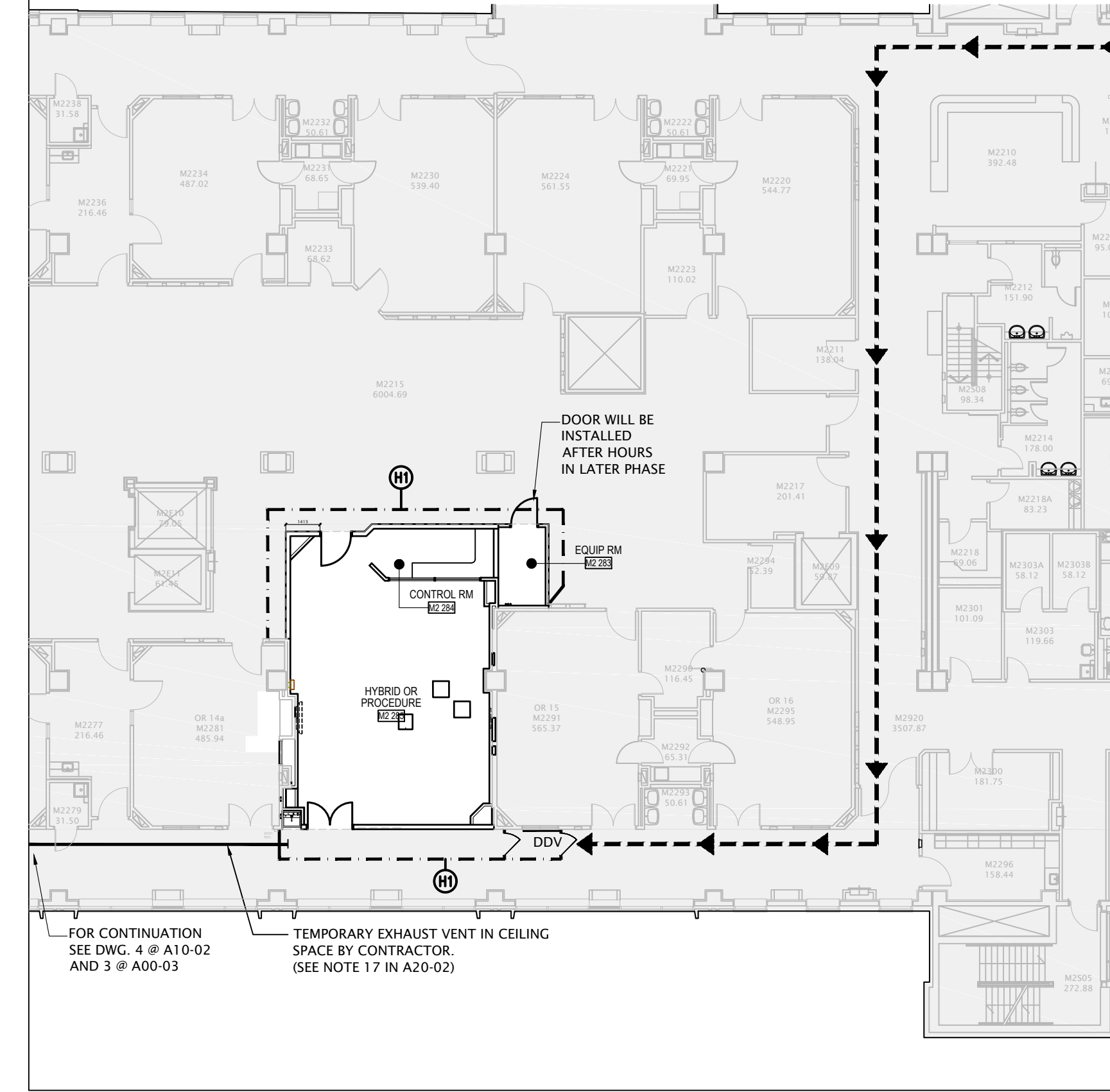
- REMOVAL OF EXISTING & INSTALLATION OF NEW PLUMBING PIPES
- INSTALLATION OF NEW ELECTRICAL CONDUITS
- CORE DRILLING
- TEMPORARY REMOVAL OF EXIST. GYPSUM BOARD CEILING IN CORRIDOR ACROSS M1 545 & M1 506, RE-BUILT NEW GYPSUM BOARD CEILING TO MATCH EXISTING AFTER COMPLETION OF MECHANICAL WORK



M-WING LEVEL 1 - PHASE 1
1:200 A10-02

PHASE 2 ARCHITECTURAL, STRUCTURAL, MECHANICAL & ELECTRICAL WORK

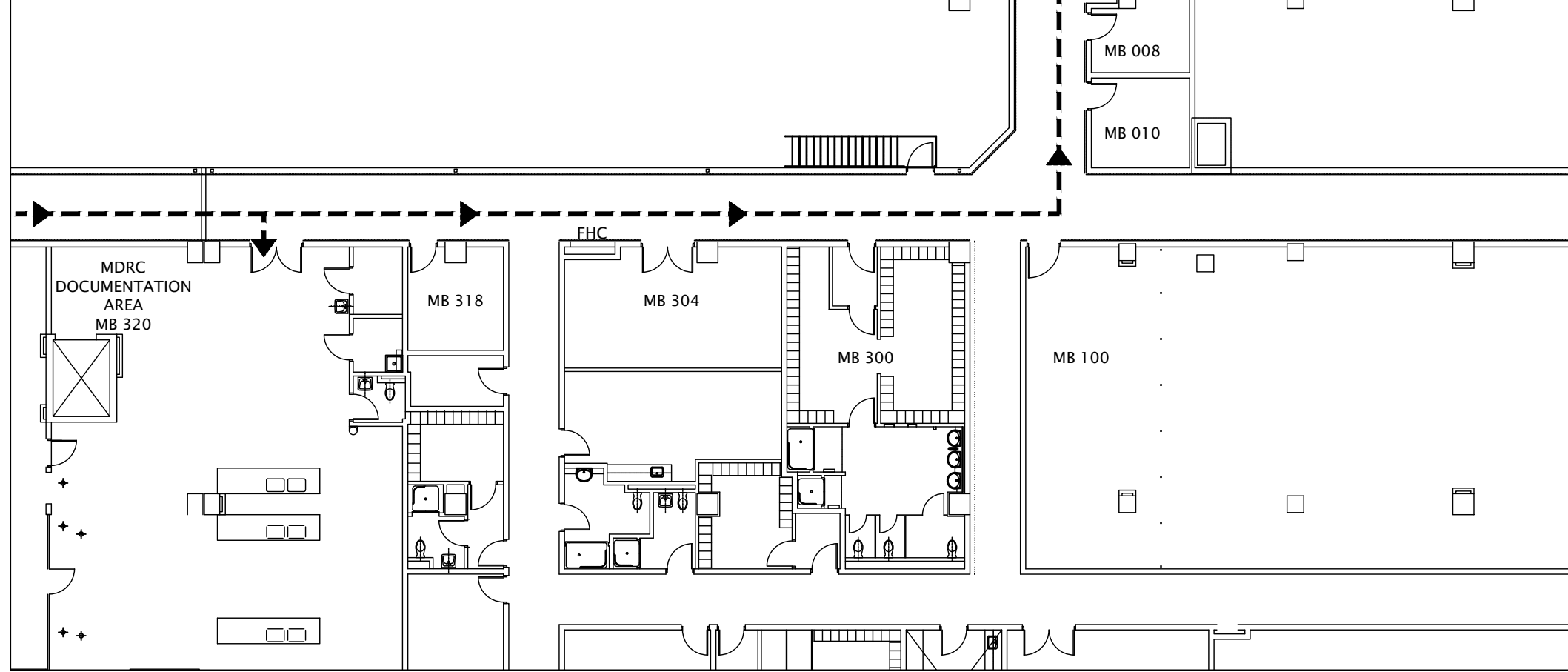
- DEMOLITION WORK
- NEW EQUIP ROOM - M2 283
- RENOVATION OF OR 14 (HYBRID OR) - M2 285
- INSTALLATION OF TEMPORARY AIR RETURN DUCT



M-WING LEVEL 2 - PHASE 2
1:200 A10-02

PHASE 2 ELECTRICAL WORK

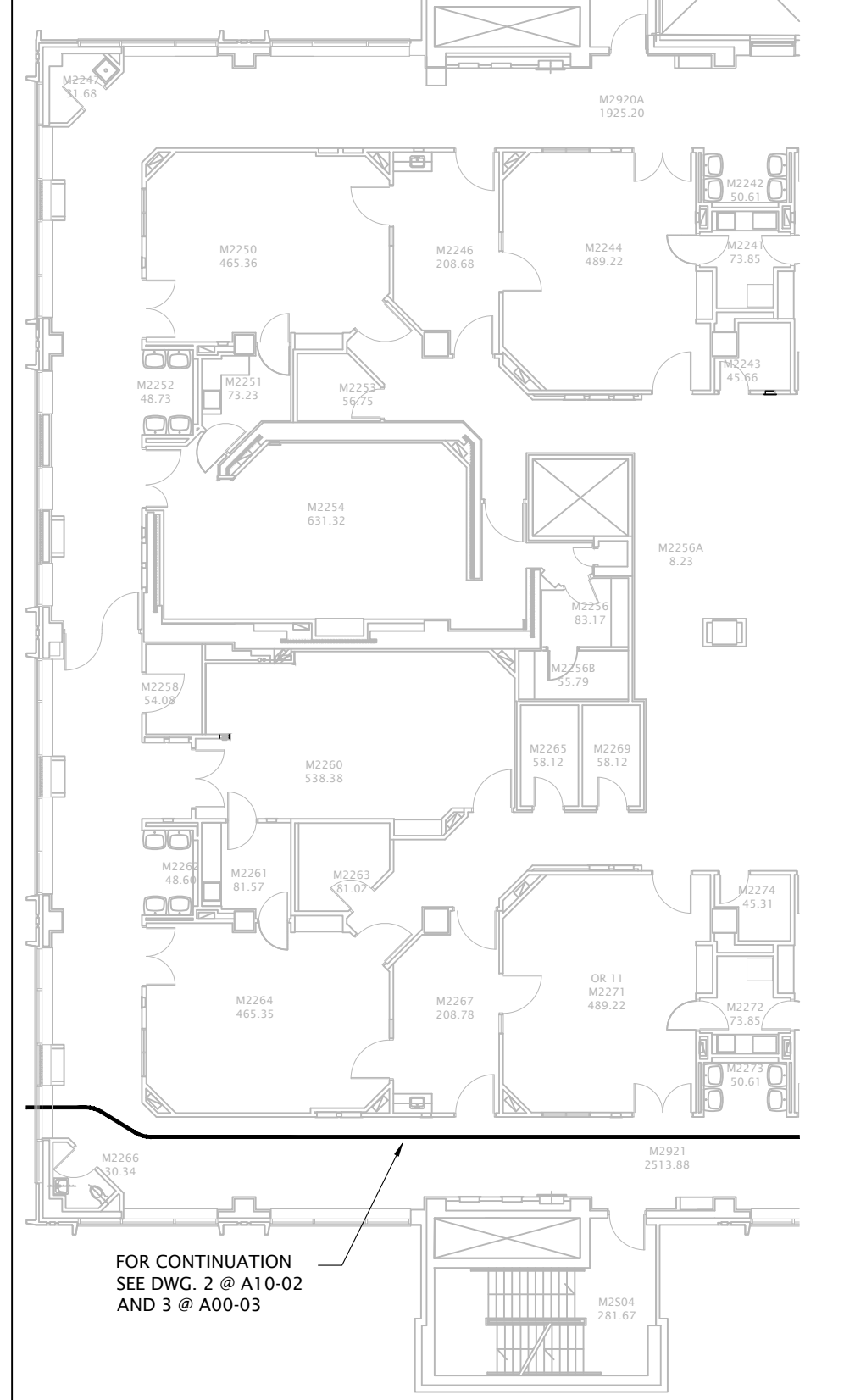
- INSTALLATION OF NEW ELECTRICAL CONDUITS FROM EXISTING ELECTR. CLOSET IN 80 80 TO NEW ELECTR. SUBSTATION MB 006
- PARTIAL REMOVAL OF EXIST. CEILING TILES AND RE-INSTALLED AFTER COMPLETION OF ELECTR. WORK



M-WING BASEMENT LEVEL - PHASE 2
1:200 A10-02

PHASE 2 ARCHITECTURAL, STRUCTURAL, MECHANICAL & ELECTRICAL WORK

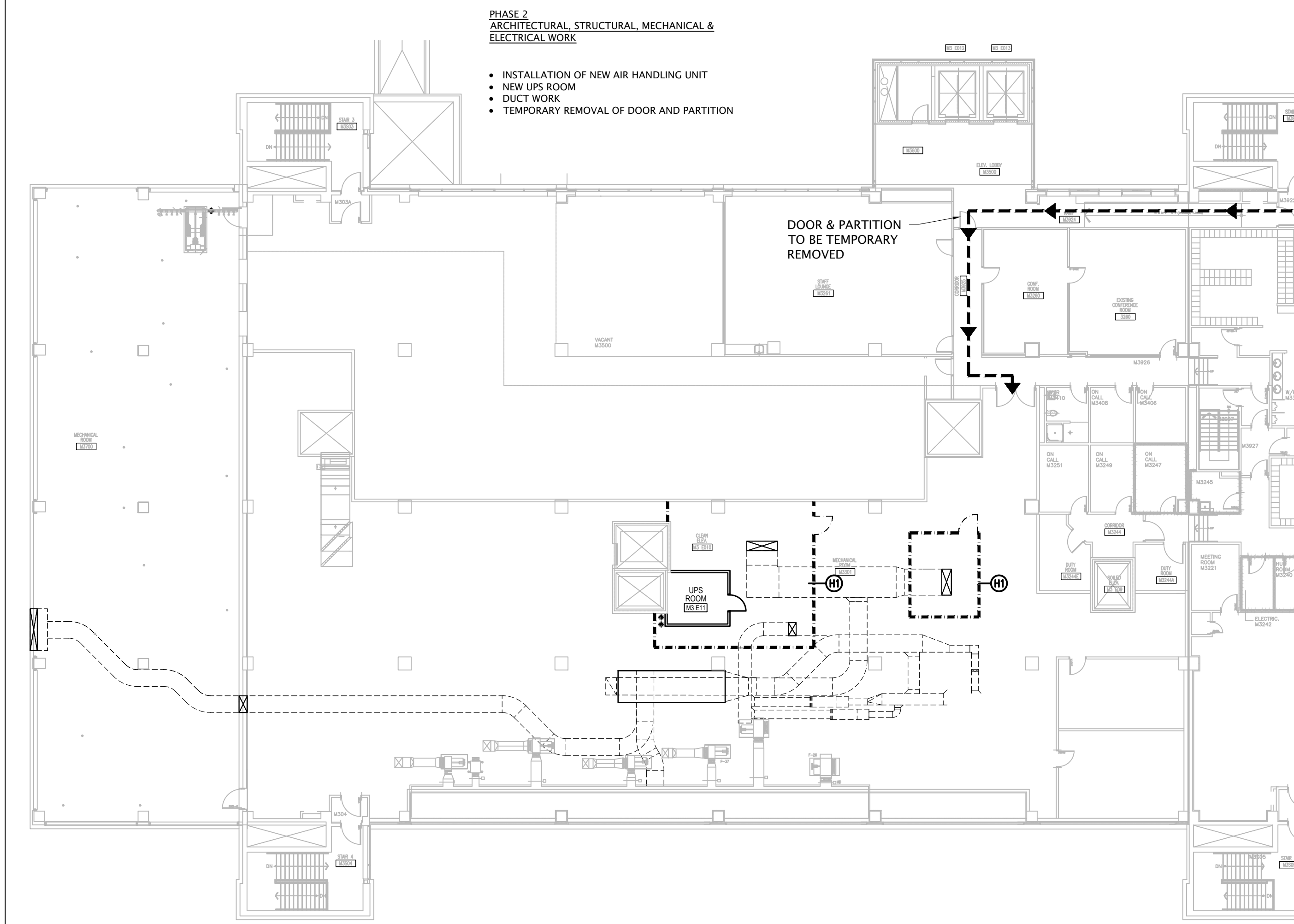
- INSTALLATION OF TEMPORARY EXHAUST DUCT
- TEMPORARY REMOVAL OF EXIST. CEILING TILES AND RE-INSTALLATION AFTER COMPLETION.
- CONTRACTOR TO PROVIDE DIRECT CONSTRUCTION EXHAUST VENTING (AWAY OF ANY EXISTING OPENINGS/INTAKES IN COMPLIANCE WITH CSA Z317.13-17)



M-WING LEVEL 2 - PHASE 2
1:200 A10-02

PHASE 2 ARCHITECTURAL, STRUCTURAL, MECHANICAL & ELECTRICAL WORK

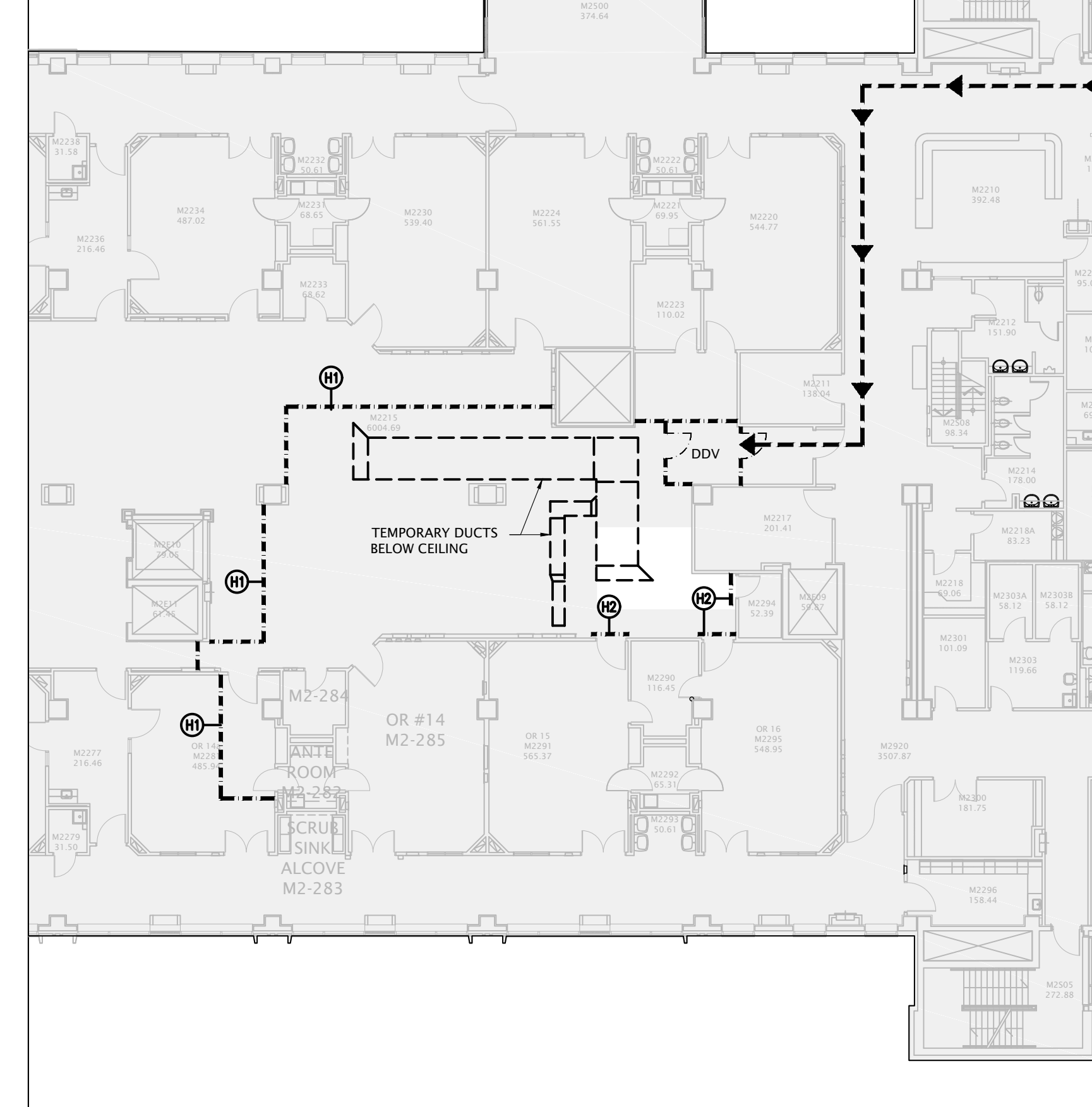
- INSTALLATION OF NEW AIR HANDLING UNIT
- NEW UPS ROOM
- DUCT WORK
- TEMPORARY REMOVAL OF DOOR AND PARTITION



M-WING LEVEL 3 - PHASE 2
1:200 A10-02

PHASE 1 MECHANICAL WORK -

- TEMPORARILY REMOVAL OF EXIST. ACT IN STERILE CORE
- REMOVAL OF EXIST. DUCTS & INSTALL TEMPORARY DUCTS AND G.B. BULKHEAD AROUND
- RENOVATION OF OR 14 (HYBRID OR) - M2 285



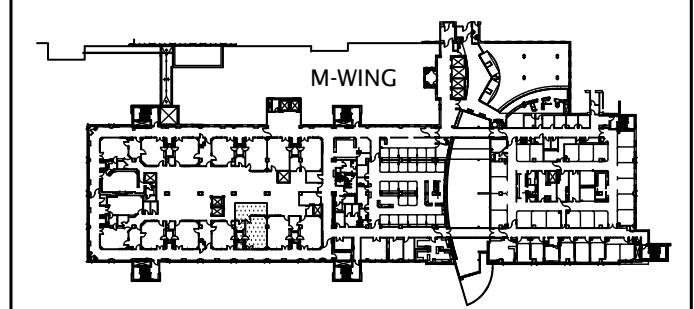
M-WING LEVEL 2 - PHASE 1
1:200 A10-02

DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
2020-07-28	TENDER	0

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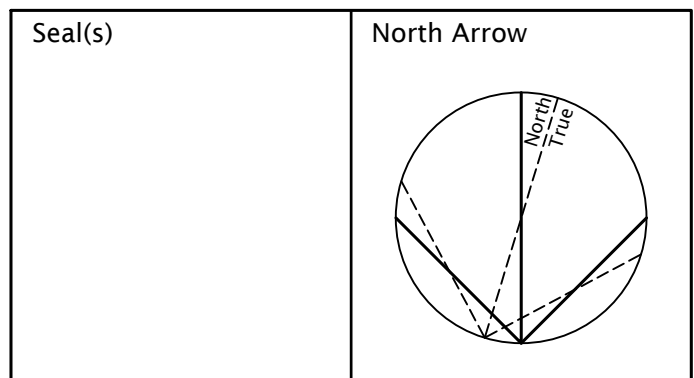
Keyplan



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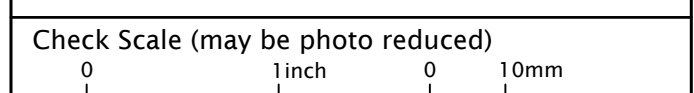
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Project Manager D.WITALEC	Drawn A.SHVETS
Project Leader L.LE	Checked A.SHVETS

Client
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HEALTH SCIENCES CENTRE
2075 BAYVIEW AVENUE, TORONTO, ON.
M4N 3M5

Project
**M-WING LEVEL 2
HYBRID OPERATING ROOM**

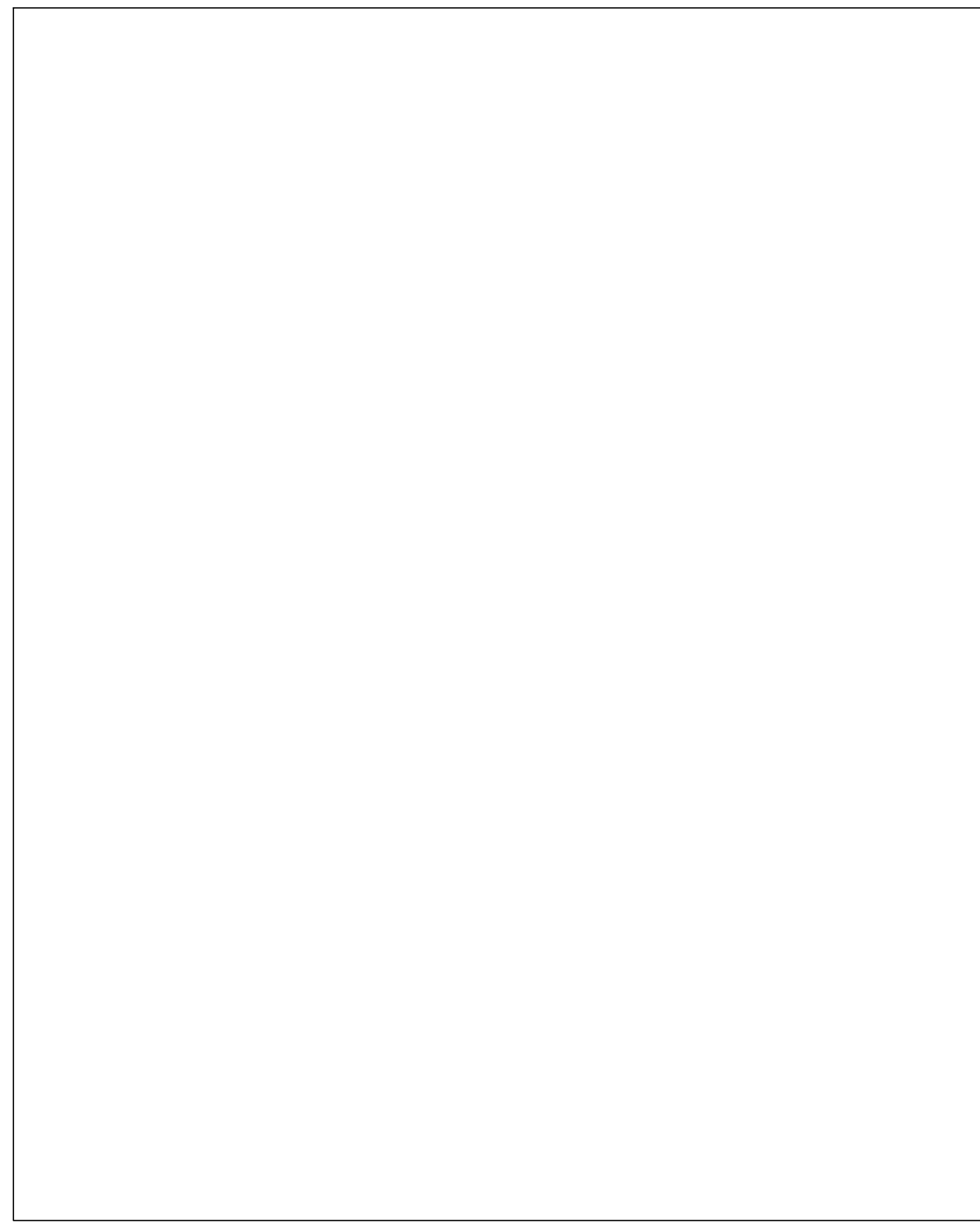
Drawing Title
PHASING PLANS



Project No. **ONBL19-0186**

Drawing No.

A10-02



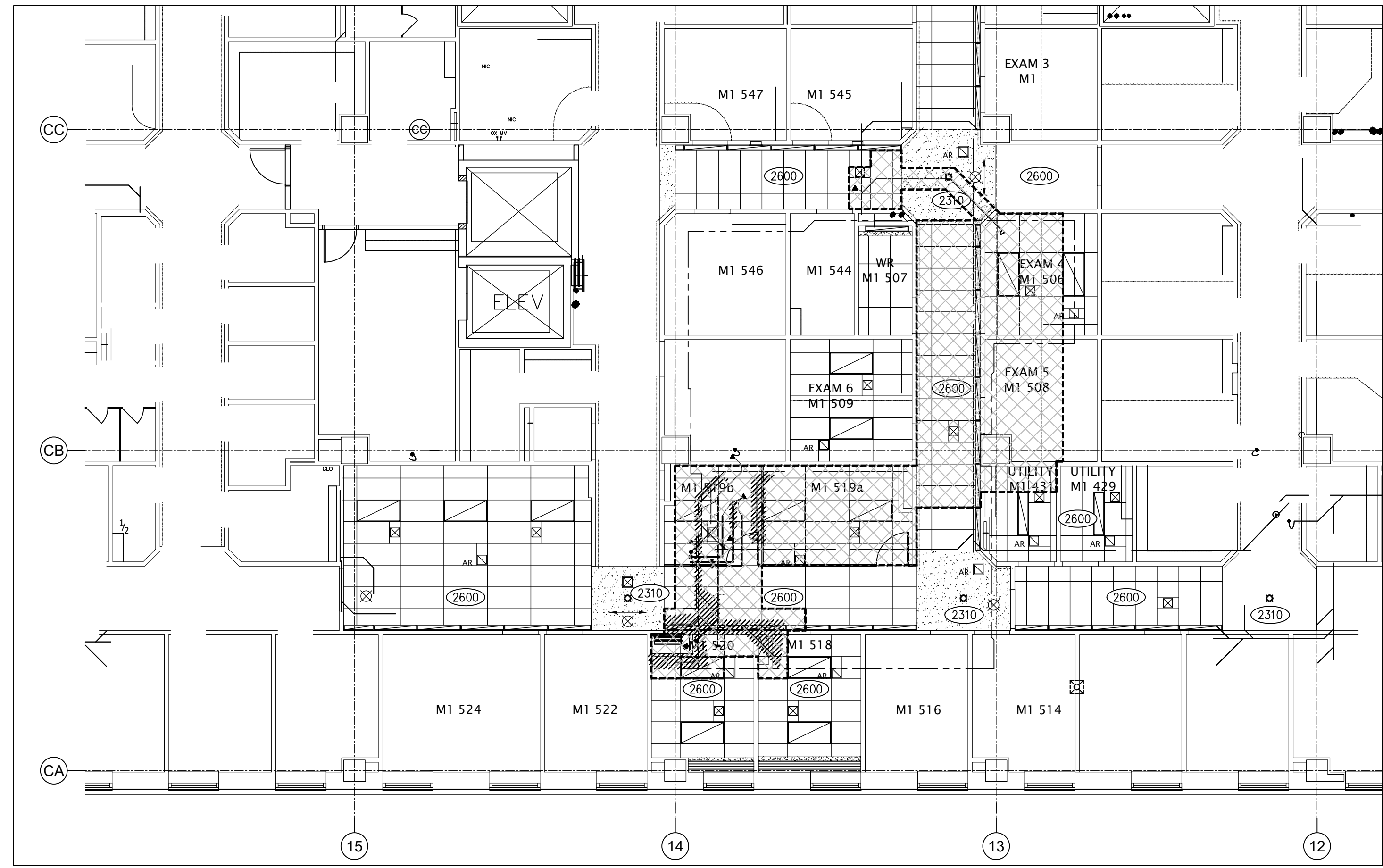
RESERVED 4
A20-00

LEGEND & NOTES

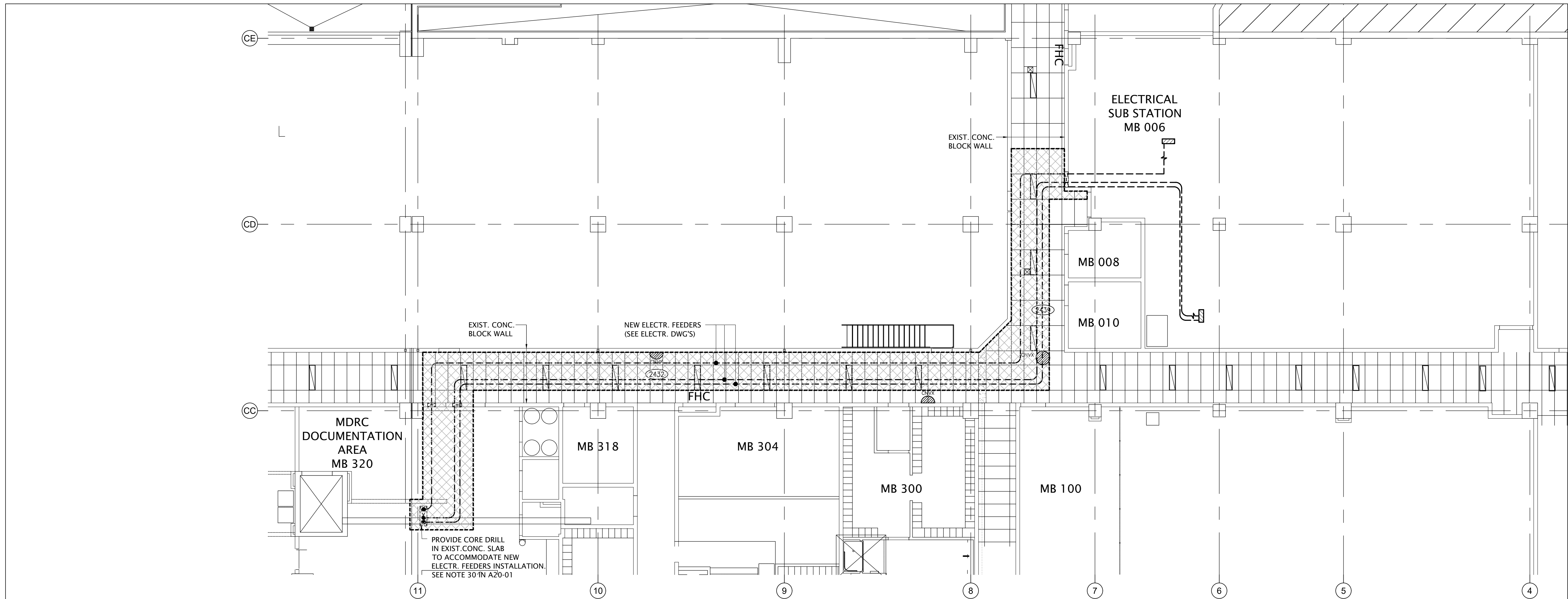
☒ DENOTES AREA OF TEMPORARILY REMOVED CEILING; REINSTATE AFTER COMPLETION OF MECHANICAL & ELECTRICAL WORK. (SEE DEMOLITION AND NEW FLOOR PLANS, PHASING PLANS, MECHANICAL & ELECTRICAL DRAWINGS)

- NEW AND REMOVAL PLUMBING SHOWN FOR ILLUSTRATION PURPOSE ONLY-REFER TO MECHANICAL DRAWINGS.
- NEW AND REMOVAL PLUMBING SHOWN FOR ILLUSTRATION PURPOSE ONLY-REFER TO MECHANICAL DRAWINGS.
- CONTRACTOR MAINTAIN INTEGRITY OF EXIST. FIRE RATING AND PROVIDE ADEQUATE FIRE RATED SEAL AROUND PIPES PENETRATING FIRE RATED WALL
- AND SOUND PROOF SEAL AROUND PIPES PENETRATING NON FIRE RATED WALLS.
- MECH. & ELECT. SERVICE TIE-INS TO WORK THAT OCCUR ABOVE THE CEILING LEVEL ON THE FLOOR BELOW OPERATING ROOM#14 SHALL BE UNDERTAKEN DURING WEEKDAY AFTER HOURS, BETWEEN 6:00PM TO 2:00AM, WITH CONSTRUCTION CLEANING TO COMMENCE AFTER 2:00AM. AREAS OF WORK SHALL BE RETURNED BACK TO THE HOSPITAL, FREE OF CONSTRUCTION MATERIALS, EQUIPMENT AND DEBRIS SO THAT ADMINISTRATIVE AND CLINICAL OPERATIONS CAN RESUME THE NEXT BUSINESS DAY AS USUAL AND UNIMPEDED. NO POLY HOARDINGS ARE PERMISSIBLE. HOARDINGS SHALL BE PRIMED AND PAINTED ON THE PUBLIC SIDE OF THE WALL AND VISUALLY AESTHETIC TO THE SATISFACTION OF THE HOSPITAL DUE TO PATIENTS AND VISITORS OCCUPYING WITHIN NEIGHBORING AREAS.

NOTES AND LEGENDS 3
A20-00



M-WING LEVEL 1 - IMPACT CEILING PLAN 2
T:100 A20-00

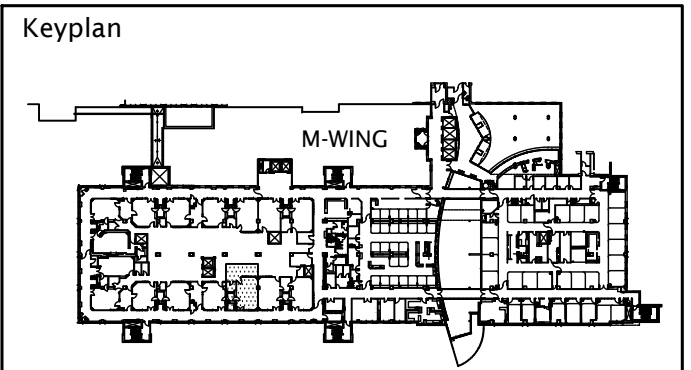


M-WING BASEMENT LEVEL - IMPACT CEILING PLAN 1
1:100 A20-00

DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
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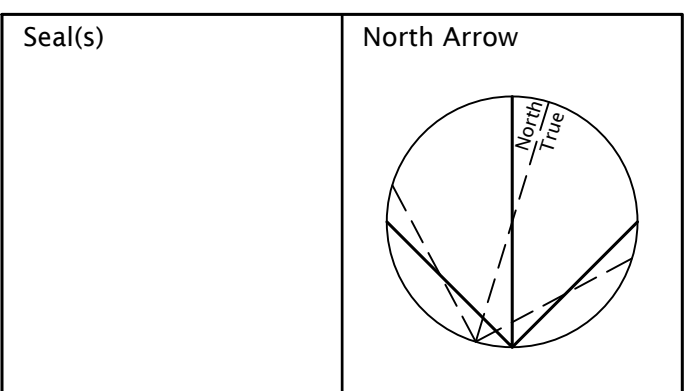
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 HEALTH SCIENCES CENTRE
 2075 BAYVIEW AVENUE, TORONTO, ON.
 M4N 3M5

Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

Drawing Title
**PARTIAL M-WING BASEMENT
 AND LEVEL 1
 IMPACT CEILING PLAN**





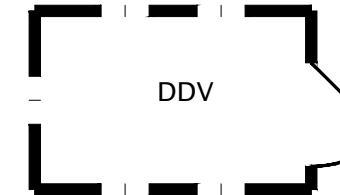
Project No. ONBL19-0186

Drawing No. **A20-00**

M-WING LEVEL 2 - DEMOLITION NOTES (APPLICABLE TO DEMOLITION PLAN)

- 1 CONTRACTOR SHALL ERECT TEMPORARY HOARDINGS AND ANTE ROOM VESTIBULE WITH SECURED DOORS IN ACCORDANCE WITH CSA 2317.13:19 INFECTION CONTROL. SUBMIT DETAILED HOARDING PLAN(S) IN CONJUNCTION WITH ALL PHASED CONSTRUCTION ACTIVITIES FOR EACH WORK ZONE REQUESTS THAT WILL BE REVIEWED IN ADVANCE WITH HOSPITAL IP&C AND CPD PM PRIOR TO COMMENCING ANY DEMOLITION ACTIVITIES AND REMOVALS. CONSTRUCTION HOARDING LINES AND CONFIGURATION SHOWN ON THE DRAWINGS ARE SCHEMATIC; EXACT LOCATIONS TO BE DETERMINED ON SITE IN CONSULTATION WITH HOSPITAL'S PROJECT MANAGER AND INFECTION CONTROL OCC HEALTH REPRESENTATIVE. HOARDING DETAIL, LOCATION AND THEIR EXTENT IS SUBJECT TO CHANGED BASED ON SITE CONDITIONS PRESENT AT THE TIME OF CONSTRUCTION. ENSURE AT THE END OF EACH WORK DAY THAT ALL IMPACTED AREAS WITHIN THE HOSPITAL ARE KEPT TIDY (BROOM CLEANED) AND DUST-FREE TO ALLOW THE HOSPITAL TO CONTINUE THEIR NORMAL OPERATIONS UNIMPEDED AS USUAL. ALL HOARDING PARTITIONS TO BE PAINTED TO MATCH ADJACENT WALL SURFACES.
- 2 ENSURE INTEGRITY OF EXISTING DEMISING WALLS ADJOINING OPERATING ROOM#14 ARE NOT COMPROMISED. DO NOT DISTURB THE DAILY CLINICAL OPERATIONS OF THE SURGICAL WARD AS THESE AREAS SHALL BE FULLY OPERATIONAL THROUGHOUT THE COURSE OF THE RENOVATIONS. ALL TEMPORARY PROVISIONS, WALL PINNING, SHORING, LATERAL BRACING, FRAMING, ETC SHALL BE IN PLACE PRIOR TO COMMENCING MAJOR DEMOLITION ACTIVITIES WITHIN THE OPERATING ROOM.
- 3 ENTIRELY REMOVE NON-LOAD BEARING INTERIOR GYPSUM BOARD PARTITIONS FROM FLOOR TO UNDERSIDE OF SLAB. REMOVE METAL STUD FRAMING TO UNDERSIDE OF STRUCTURE INCLUDING LATERAL BRACING STEEL STUD MEMBERS.
- 4 DEMOLISH AND REMOVE HOLLOW METAL DOORS AND HOLLOW METAL FRAMES AND ALL ASSOCIATED DOOR HARDWARE DEVICES.
- 5 DEMOLISH EXISTING INTERIOR GLAZED SCREENS WITHIN HOLLOW METAL FRAMES INCLUDING INTEGRAL BLIND ASSEMBLY ENTIRELY AND DISPOSE OF OFF SITE.
- 6 DISCONNECT AND MAKE SAFE ALL RECEPTACLE OUTLETS, OTHER ASSOCIATED ELECTRICAL DEVICES WITHIN PARTITIONS DESIGNATED FOR DEMOLITION & REMOVAL (TYPICAL). REFER TO ELECTRICAL DRAWINGS FOR EXTENTS AND DETAILS.
- 7 WITHIN THE EXISTING ANTE ROOM M2-282, DEMOLISH EXISTING STAINLESS STEEL CASEWORK LOWER CABINET COMPLETE WITH ADJUSTABLE SHELVING UNITS AND COUNTERTOP INCLUDING UTILITY SINK C/W FAUCET. REMOVE & DISPOSE OF ALL WALL HUNG ADJUSTABLE SHELVES, WALL PROTECTION INCLUDING PILASTER BRACKET SUPPORTS. REMOVE PAPER DISPENSER ACCESSORIES AND WALL MOUNTED ILLUMINATED SAFETY SIGNAGE ON THE EAST WALL. DEMOLISH ALL CORNER AND WALL PROTECTION. UNINSTALL LEAD APRON HANGER RACK AND TURN OVER TO THE HOSPITAL IN GOOD WORKING ORDER. REMOVE AND DISPOSE OF HSS STRUCTURAL STEEL ANCHORING SUPPORTS WITHIN THE PARTITION WALL IN ITS ENTIRETY.
- 8 REMOVE STAINLESS STEEL NURSING DESK STATION INCLUDING WALL MOUNTED SHELVING UNIT ABOVE AND BELOW THE COUNTER WITHIN THE ALCOVE, AND DISPOSE OF OFF SITE.
- 9 DEMOLISH STAINLESS STEEL SCRUB SINKS WITHIN THE SCRUBBING ALCOVE AND DISPOSE OFF SITE. DISCONNECT PLUMBING SERVICES & REMOVE PIPING TO THE MAIN AS REQUIRED. UNINSTALL FRAMED MIRRORS THAT ARE WALL MOUNTED ABOVE THE EXISTING SCRUB SINKS, SALVAGE FOR REINSTALLATION AT NEW SCRUB SINK LOCATION. COORDINATE WITH FACILITIES FOR REMOVAL OF ALL EXISTING SURGICAL DISINFECTING SUPPLIES AND WALL MOUNTED ACCESSORIES LOCATED AT OR NEAR THE SCRUB SINKS AREA.
- 10 PROVIDE WALL OPENINGS WITHIN THE EXISTING PARTITION WALL AS NECESSARY TO ENABLE NEW PLUMBING PENETRATIONS FOR RE-ROUTING OF MECHANICAL PLUMBING STACKS AND DISTRIBUTION SERVICES. SCAN CONCRETE FLOOR SLAB FOR BURIED CONDUITS AND REBAR AND OBTAIN STRUCTURAL ENGINEER'S APPROVAL AND OBTAIN CLEARANCE FROM IPAC STAFF PRIOR TO COMMENCING CORING ACTIVITIES.
- 11 DISCONNECT AND REMOVE ALL LOW LEVEL EXHAUST GRILLES AND ASSOCIATED DUCTWORK. CAP DUCTS AT BRANCH MAIN.
- 12 RELOCATE PERFUSION HEADWALL STATION AS PER THE CONSTRUCTION DRAWINGS. ADJUST ASSOCIATED MEDICAL GAS PIPING, POWER RECEPTACLE OUTLETS, ASSOCIATED BACK BOXES & WIRING.
- 13 DISCONNECT AND REMOVE EXISTING ISOLATED POWER CENTRE PANELS ON THE SOUTH WALL OF OPERATING ROOM #14 FACING THE STERILE CORE, AND RETURN TO THE HOSPITAL IN GOOD CONDITION.
- 14 REMOVE AND DISPOSE OF ALL RECESSED LIGHTING FIXTURES MOUNTED WITHIN THE SUSPENDED GYPSUM BOARD CEILING SOFFIT ASSEMBLY.
- 15 RE-ROUTE SANITARY, STORM, RAIN WATER LEADER, AND PLUMBING STACK THROUGH THE SECOND FLOOR SLAB AND RECONNECT ABOVE THE FIRST FLOOR CEILING LEVEL TO ACCOMMODATE THE NEW WORK. REFER TO MECHANICAL DRAWINGS FOR DETAILS.
- 16 REMOVE ALL LAMINAR FLOW DIFFUSERS MOUNTED WITHIN THE EXISTING SUSPENDED GYPSUM BOARD CEILING INCLUDING ASSOCIATED DUCTWORK CONNECTIONS ABOVE THE CEILING LEVEL. CAP & SEAL AS NEEDED - REFER TO MECH DRAWINGS.
- 17 REMOVE AND DISCONNECT ALL SURGICAL PENDANT LIGHTS, SUSPENDED MEDICAL GAS SERVICE TOWER, ARTICULATING ARMS, SUSPENDED MONITORS, ETC INCLUDING ALL STRUCTURAL STEEL SUPPORTING SYSTEMS ABOVE THE CEILING LEVEL THAT ARE ANCHORED TO THE UNDERSIDE OF THE SLAB. REPAIR, MAKE GOOD AND SEAL EXISTING PENETRATIONS WITHIN THE CONCRETE SLAB SOFFIT.
- 18 COORDINATE WITH SPRINKLER CONTRACTOR FOR REMOVAL OF SPRINKLER HEADS AND ASSOCIATED SPRINKLER BRANCH PIPING - REFER TO MECHANICAL DRAWINGS FOR EXTENT AND DETAILS.
- 19 DISCONNECT, REMOVE AND REPLACE THE ZONE VALVE AND ALARM BOX PANEL LOCATED IN THE OR CORRIDOR.
- 20 UN-INSTALL AND DISPOSE OF ALL WALL PROTECTION COMPONENTS SUCH AS BUT NOT LIMITED TO CORNER GUARDS AND SOLID SURFACE WALL PROTECTION THAT EXTEND APPROXIMATELY 4'-0" AFF.
- 21 COORDINATE WITH ELECTRICAL CONTRACTOR FOR RE-ROUTING OF THE ELECTRICAL BUS DUCT WITHIN THE STERILE CORE AFFECTED BY THE EXPANSION OF THE NEW HYBRID OPERATING ROOM CONSTRUCTION.
- 22 GRIND EXISTING EPOXY FLOORING AND INTEGRAL EPOXY COVERED BASES WITHIN OPERATING ROOM #14. GRIND SUBSTRATE DOWN TO EXPOSE CONCRETE SLAB SURFACE. THE CONTRACTOR SHALL CONDUCT AND PROVIDE LASER MEASURED FLOOR SURVEY PRIOR TO FLOOR LEVELLING OF THE CONCRETE FLOOR SLAB UPON WHICH PHILIPS AZURION FLEXARM SYSTEM IS TO BE PLACED/ANCHORED WHERE THE FLATNESS TOLERANCE SHALL BE WITHIN 1/16" (2mm) OVER A LENGTH OF 39" (1.0m).
- 23 GRIND EXISTING EPOXY FLOORING AND INTEGRAL EPOXY COVERED BASES WITHIN THE ANTE ROOM AND SCRUB SINK ALCOVE WITHIN THE OR CORRIDOR. GRIND SUBSTRATE DOWN TO EXPOSE THE CONCRETE SLAB SURFACE AND LEVEL THE FLOOR TO MEET THE VENDOR'S EQUIPMENT SYSTEM INSTALLATION REQUIREMENTS. PROVIDE FLOOR LEVELING AS NEEDED AND FINISH SMOOTH. PREPARE SUBSTRATE TO RECEIVE NEW FINISHES AS SPECIFIED. PROTECT AREAS OF EXISTING ADJACENT FLOORING FROM DAMAGE ALONG BOUNDARIES WHERE DEMOLITION AND FLOORING REMOVALS OCCUR. ANY ACCIDENTAL DAMAGE SHALL BE REPAIRED, MADE GOOD USING COMPATIBLE MATERIALS AND FINISHES TO ALIGN FLUSH AND SMOOTH TO MATCH EXISTING.
- 24 REMOVE STAINLESS STEEL SHELF AND WALL SUPPORT BRACKETS COMPLETE ALONG SOUTH WALL OF SCRUB SINK ALCOVE IN ITS ENTIRETY.
- 25 DISCONNECT AND REMOVE ALL ILLUMINATED RADIATION SAFETY SIGNAGE, WALL MOUNTED DIGITAL WALL CLOCKS AND ELAPSE TIMERS COMPLETE.
- 26 REMOVE RESILIENT SHEET FLOORING AND APPLIED RUBBER WALL BASES WITHIN OFFICE M2-284. REMOVE WALL MOUNTED PILASTER SUPPORTS FOR CASEWORK FURNITURE HUNG STORAGE CABINET AND ADJUSTABLE SHELVING UNIT ALONG THE NORTH WALL. REMOVE WALL MOUNTED COAT HOOKS. COORDINATE WITH HOSPITAL FOR DECANTING OF OFFICE FURNITURE AND FILING CABINETS INCLUDING ALL PERSONAL BELONGINGS.
- 27 EXISTING RESILIENT FLOORING AND APPLIED WALL BASE WITHIN THE OR GREEN CORRIDOR TO REMAIN WHERE UNAFFECTED BY DEMOLITION WORK. PROTECT FROM DAMAGE DURING DEMOLITION ACTIVITIES.
- 28 EXISTING NITROGEN GAS PANEL TO BE EXTENDED TO THE FINISHED FACE OF THE NEW PARTITION. TEMPORARILY SHUT-OFF GAS LINES, GAS OUTLETS TEMPORARILY CAPPED AND SEALED.
- 29 REMOVE EPOXY COVERED FLOORING AND INTEGRAL EPOXY COVERED BASE FINISH WITHIN THE STERILE CORE AND GRIND SUBSTRATE SURFACES DOWN TO THE EXISTING CONCRETE SLAB LEVEL WITHIN THE EXPANDED ROOM AREA FOR THE HYBRID OPERATING ROOM. ENSURE FLOOR IS LEVEL TO MEET THE VENDOR'S EQUIPMENT SYSTEM INSTALLATION REQUIREMENTS. PROVIDE FLOOR LEVELING AS NEEDED AND FINISH SMOOTH. PREPARE SUBSTRATE TO RECEIVE NEW FINISHES AS SPECIFIED.
- 30 SAW CUT CONCRETE SLAB AS REQUIRED TO ACCOMMODATE NEW DUCTS/PIPES/CONDUITS INSTALLATION. SCAN EXIST. SLAB TO INVESTIGATE BAR LOCATION PRIOR TO ANY JOB. SEE STRUCT.MECH., & ELEC DRAWINGS FOR REINFORCING, SIZES, & LOCATION. COORDINATE W/ EQUIPMENT VENDOR

PHASING PLANS NOTES AND LEGENDS:

-  HARD HOARDING
-  SOFT HOARDING
-  DUST DOWN VESTIBULE

M-WING LEVEL 2 - DEMOLITION AND REMOVAL NOTES

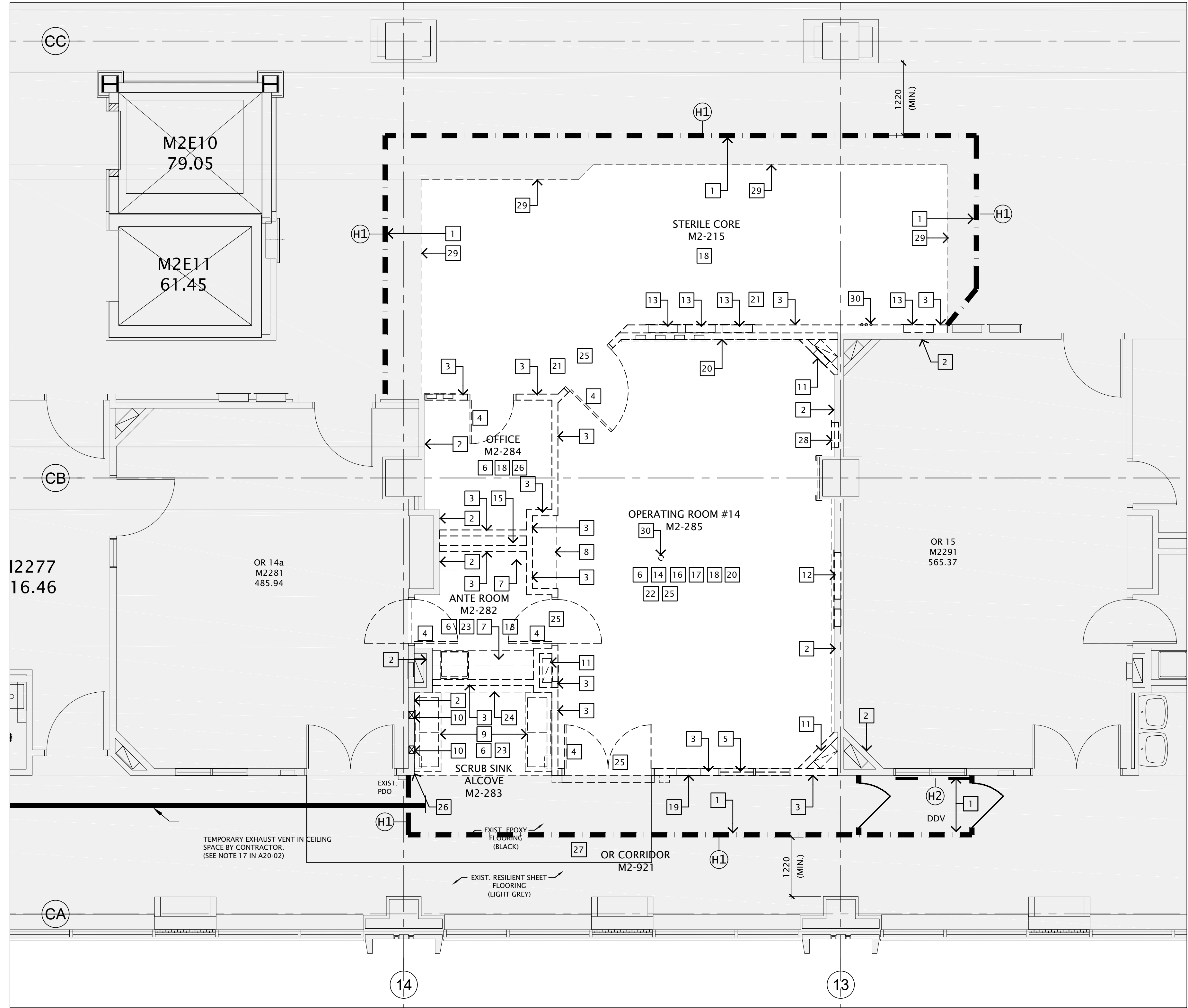
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DEMOLITION GENERAL NOTES

- A** THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING & SEQUENCING THE AGGREGATE OF ALL DEMOLITION WORK REQUIRED TO COMPLETE THE EXECUTION OF ALL NEW WORK BETWEEN THE TRADES AND THE INSTALLATION OF SPECIALTY EQUIPMENT BY THE ASSIGNED VENDORS.
- B** ALTHOUGH ALL EFFORT HAS BEEN MADE TO ENSURE ACCURACY OF CONSTRUCTION DOCUMENTS, THE CONSULTANT DOES NOT WARRANT THE ACCURACY OF EXISTING BASE BUILDING CONDITIONS, DIMENSIONS OR MATERIALS DESCRIBED ON THE DRAWINGS. IT IS UNDERSTOOD THAT THE GENERAL CONTRACTOR, PRIOR TO SUBMITTING THEIR BID, HAS VISITED THE PLACE OF WORK AND OBSERVED THE AS-BUILT SITE CONDITIONS INCLUDING CONDITIONS WITHIN SERVICE AND ELECTRICAL ROOMS THAT HAVE BEEN MADE AVAILABLE WHERE ACCESS IS PROVIDED DURING THE SCHEDULED BIDDER SITE TOURS. IT IS ALSO EXPECTED THAT THE CONTRACTOR'S INVESTIGATIONS OF EXISTING SITE CONDITIONS SHALL BE TO THE EXTENT NECESSARY TO FAMILIARIZE AND ACQUAINT THEMSELVES FULLY WITH ALL APPARENT CONDITIONS AFFECTING THE WORK, INCLUDING REMOTE, CONCEALED AND ABOVE CEILING CONDITIONS, ETC.
- C** MAINTAIN INTEGRITY OF EXISTING EXITS AND ENSURE EGRESS PATHWAYS ARE SAFE AND UNOBSTRUCTED OF CONSTRUCTION MATERIALS AND/OR EQUIPMENT AT ALL TIMES IN CONFORMANCE WITH ORC.
- D** EVERY POSSIBLE PRECAUTION BY THE CONTRACTOR SHALL BE TAKEN DURING DEMOLITION AND REMOVAL ACTIVITIES TO PREVENT DAMAGE TO MATERIALS AND SERVICES THAT ARE TO REMAIN. ANY DAMAGE SHALL BE REPAIRED AND/OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE HOSPITAL.
- E** THE CONTRACTOR SHALL ENSURE MAINTAINING THE INTEGRITY OF ALL STRUCTURAL ELEMENTS DURING DEMOLITION.
- F** PRIOR TO COMMENCEMENT OF DEMOLITION ACTIVITIES, CONTRACTOR SHALL ARRANGE WITH THE APPROPRIATE TRADE FOR THE DISCONNECTION OF UTILITY SERVICES AFFECTING THE WORK. PRESERVE IN OPERATING CONDITION ALL ACTIVE UTILITIES TO REMAIN FUNCTIONAL DURING THE COURSE OF THE WORK. DISCONNECT, RELOCATE AND/OR RE-ROUTE EXISTING SERVICES WHERE AFFECTED BY THE SCOPE OF THE DEMOLITION WORK, AND WHERE NECESSARY, RECONNECT AS REQUIRED TO MAINTAIN NORMAL OPERATIONS OF THE BUILDING. THIS WORK SHALL INCLUDE, WITHOUT BEING LIMITED TO PLUMBING, DRAINAGE, HEATING, VENTILATION AND ELECTRICAL SERVICES.
- G** ANY DEMOLITION WORK OR DRILLING ACTIVITIES THAT DOES NOT AFFECT THE NORMAL OPERATION OF THE HOSPITAL WITHIN ADJOINING OR NEIGHBORING PATIENT OCCUPIED ZONES SHALL BE COMPLETED DURING NORMAL WORKING HOURS. ALL OTHER CONTINUAL NOISE GENERATING ACTIVITIES THAT PRODUCE EXCESSIVE NOISE SUCH AS CORE DRILLING, SANDBLASTING, GRINDING OR THOSE THAT REQUIRE THE USE OF HEAVY EQUIPMENT SHALL BE COORDINATED WITH THE HOSPITAL AND COMPLETED DURING AFTER HOURS/PREMIUM TIME UNDER THE APPROVAL OF HOSPITAL FACILITIES MANAGEMENT. IMPLEMENT DUST CONTROL AND IPAC MEASURES AS REQUIRED TO SEGREGATE AND SECURE THE WORK ZONES FROM STAFF, PATIENT AND PUBLIC ACCESSIBLE AREAS AT ALL TIMES.
- H** WHERE REMOVAL OF PIPES, CONDUITS AND ELECTRICAL SERVICES WITHIN EXISTING FIRE RATED ASSEMBLIES ARE IDENTIFIED ON MECHANICAL AND ELECTRICAL DRAWINGS, CONTRACTOR SHALL REPAIR AND MAKE GOOD TO MAINTAIN THE FIRE RESISTANCE RATING OF THE ASSEMBLY - REFER TO FIRE SEPARATIONS PLAN FOR LOCATION AND EXTENT OF FIRE RATED PARTITIONS.
- J** WHERE CORE DRILLING ACTIVITIES ARE REQUIRED TO ACCOMMODATE SLEEVING OF NEW SERVICE PENETRATIONS THROUGH THE CONCRETE FLOOR SLAB, THESE AREAS SHALL BE SCANNED FOR REBAR AND MARKED OUT ON SITE WITH LOCATIONS DIMENSIONED AND SUBMITTED TO THE CONSULTANT FOR REVIEW/APPROVAL PRIOR TO COMMENCEMENT. STRUCTURAL OPENINGS IN CONCRETE FLOOR SLAB SHALL BE MADE BY AN EXPERIENCED AND PROFESSIONAL CORE DRILLING AND CONCRETE CUTTING SUB-CONTRACTOR.
- K** DASHED LINES INDICATE WORK THAT SHALL BE REMOVED UNLESS INDICATED OTHERWISE. ANY EXISTING WORK THAT IS INTENDED TO REMAIN UNDISTURBED AND IS DAMAGED RESULTING FROM THE COURSE OF THE WORK DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION THAT MATCHES EXISTING AND AT REASONABLE LEVEL ACCEPTABLE TO THE STANDARD OF THE HOSPITAL. ALL REPAIR WORK SHALL HAVE A NEAT AND CLEAN APPEARANCE AND BE COMPATIBLE WITH EXISTING FINISHES TO MATCH.
- L** THE CONTRACTOR SHALL ENSURE MAINTAINING THE INTEGRITY OF EXISTING FIRE RATED SEPARATIONS (HORIZONTAL AND VERTICAL FIRE SEPARATIONS) AND REPAIR, SEAL OR FIRE STOP NEW PENETRATIONS THROUGH FIRE RATED ASSEMBLIES. REFER TO LIFE SAFETY PLAN FOR LOCATIONS OF FIRE SEPARATIONS AND EXTENT.

DEMOLITION GENERAL NOTES

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PARTIAL M-WING LEVEL 2 - DEMOLITION PLAN

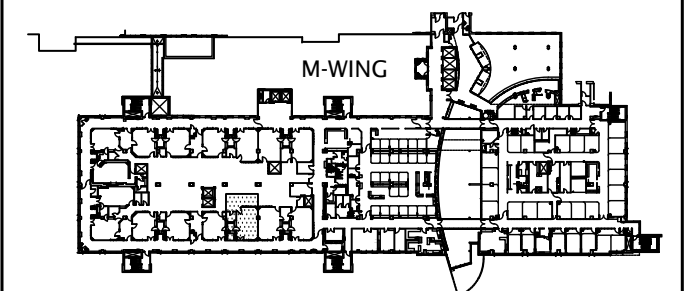
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DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
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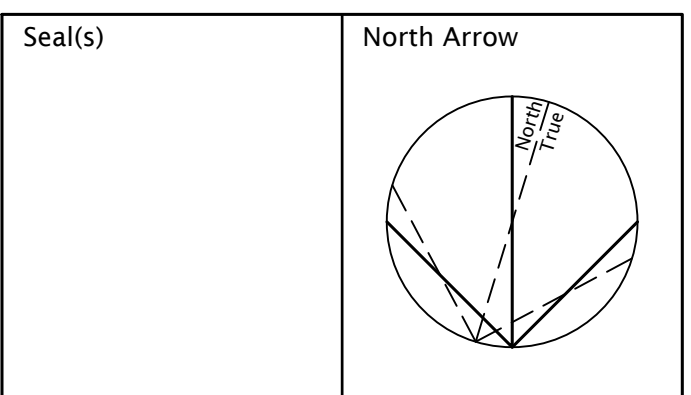
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Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

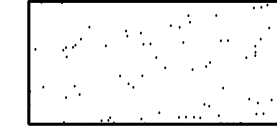
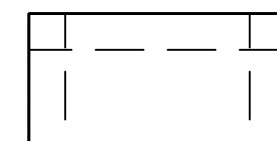
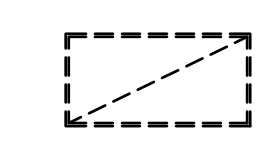

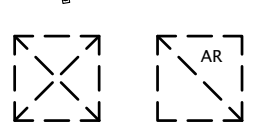

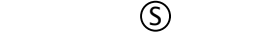
Drawing Title
**PARTIAL M-WING LEVEL 2
 DEMOLITION FLOOR PLAN, AND
 LEGEND, GENERAL DEMOLITION
 AND REMOVAL NOTES**



Project No. **ONBL19-0186**

Drawing No. **A20-01**

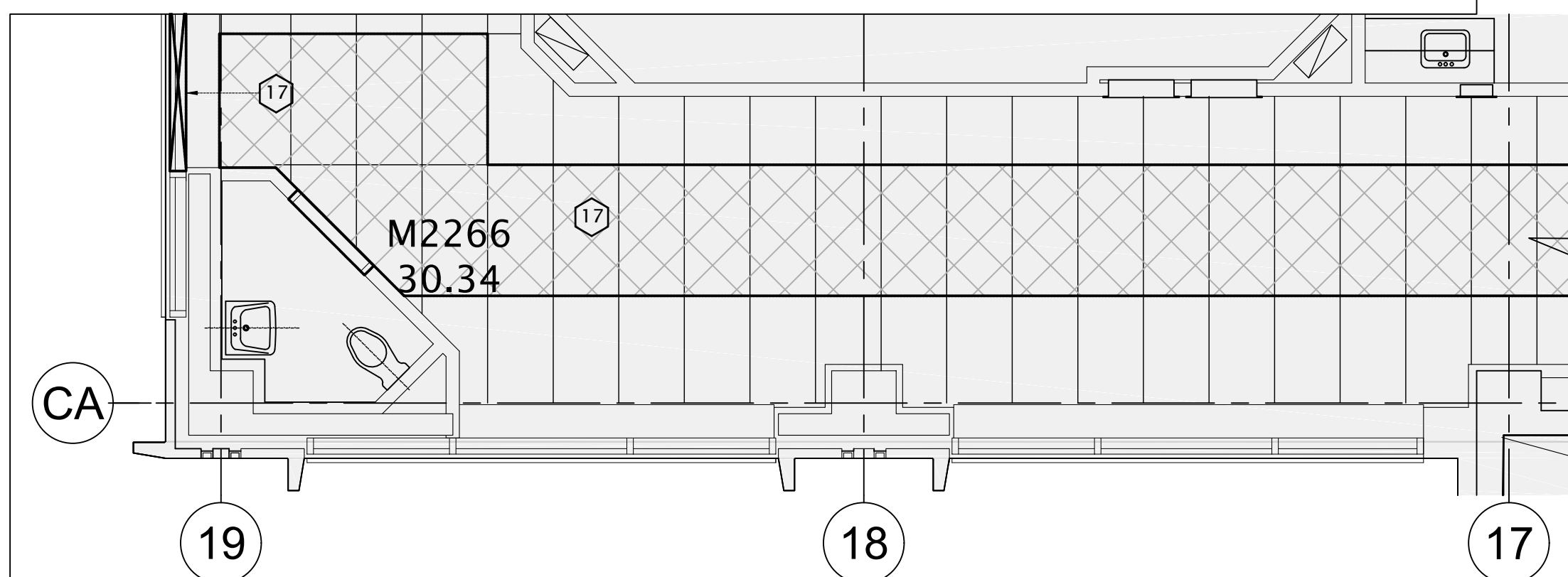
M-WING LEVEL 2 - CEILING DEMOLITION LEGEND:

-  DENOTES EXISTING PLASTER / GYPSUM BOARD CEILING SYSTEMS INCLUDING ALL ASSOCIATED OVERHEAD FRAMING SUPPORTS/STEEL BRACINGS THAT ANCHORED TO THE UNDERSIDE OF SLAB TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY.
-  DENOTES REMOVAL OF EXISTING SUSPENDED 24" x 48" ACOUSTIC TILES CEILING ASSEMBLY IN ITS ENTIRETY, INCLUDING TILES, GRID, SUSPENSION SYSTEM AND DISPOSED OFF-SITE.
-  DENOTES REMOVAL AND DISPOSAL OF EXISTING CEILING MOUNTED LIGHTING FIXTURE. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS AND EXTENT.
-  DENOTES DISCONNECTION AND REMOVAL OF EXISTING SURGICAL LIGHTS ON ARTICULATING PENDANT ARM INCLUDING ALL OVERHEAD STRUCTURAL STEEL SUPPORTING SYSTEMS ANCHORED TO UNDERSIDE OF THE SLAB.
-  DENOTES EXISTING SUPPLY DIFFUSER / RETURN GRILL AND ASSOCIATED DUCTWORK ABOVE THE CEILING LEVEL TO BE DEMOLISHED.
-  DENOTES EXISTING ACCESS HATCH MOUNTED WITHIN THE SUSPENDED GYPSUM BOARD CEILING SYSTEM TO BE REMOVED AND DISPOSED OFF SITE.
-  DENOTES EXISTING SPRINKLER HEAD TO BE REMOVED INCLUDING ASSOCIATED SPRINKLER BRANCH PIPING ABOVE THE CEILING LEVEL - REFER TO MECHANICAL DRAWINGS FOR DETAILS.

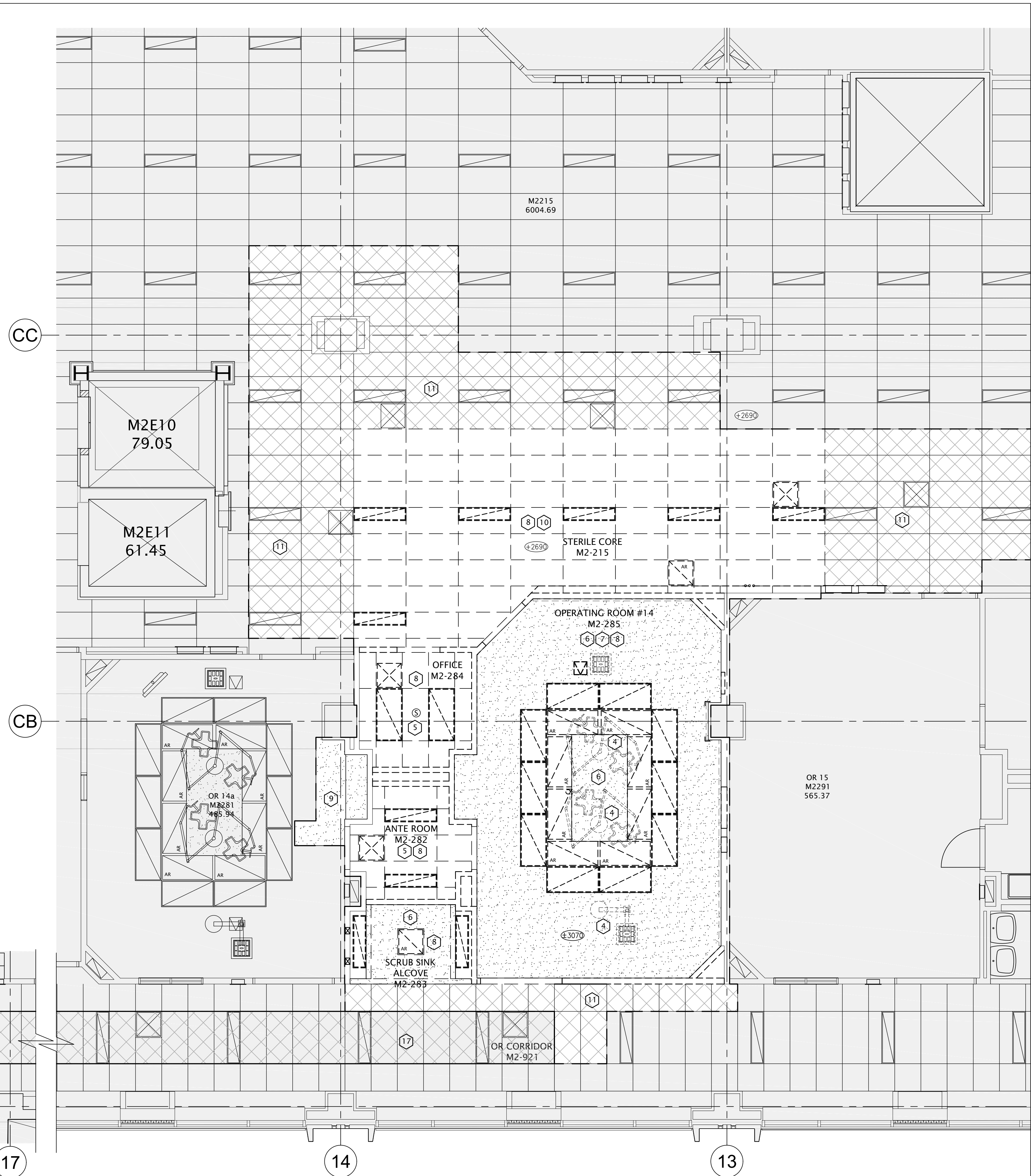
M-WING LEVEL 2 - CEILING DEMOLITION NOTES:

- 1 DEMOLITION CEILING PLANS SHALL BE READ TOGETHER IN CONJUNCTION WITH PHASING PLANS, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS TO FACILITATE THE NEW WORK.
- 2 THE CONTRACTOR SHALL COORDINATE AND MAKE APPROPRIATE ARRANGEMENTS WITH THE HOSPITAL AT LEAST 5 BUSINESS DAYS IN ADVANCE TO GAIN ACCESS ABOVE THE CEILING LEVEL WITHIN PUBLIC CORRIDORS AND IN RESTRICTED ACCESS CONTROLLED AREAS SUCH AS THE STERILE CORE FOR DEMOLITION AND REMOVAL OF MECHANICAL AND ELECTRICAL SERVICES.
- 3 THE CONTRACTOR IS RESPONSIBLE AND SHALL MAKE ALL REASONABLE EFFORTS AND PROVIDE ADEQUATE MEASURES TO MITIGATE AND LIMIT THE TRANSMISSION OF NOISE, VIBRATION AND DUST MIGRATION INTO ADJOINING AND/OR NEIGHBORING OCCUPIED ROOM AREAS THROUGHOUT THE COURSE OF CONSTRUCTION.
- 4 THE CONTRACTOR SHALL COORDINATE WITH THE HOSPITAL FOR REMOVAL OF ALL CEILING MOUNTED EQUIPMENT INCLUDING SURGICAL LIGHTS ON ARTICULATING ARMS, SUSPENDED MEDICAL GAS SERVICE TOWER, NURSING BOOM, CEILING SUSPENDED MONITORS PRIOR TO START OF DEMOLITION ACTIVITIES. REMOVE AND DISPOSE OFF SITE ALL STRUCTURAL STEEL SUPPORTING SYSTEMS THAT ARE ANCHORED TO THE UNDERSIDE OF THE SLAB. HANDLE ALL COMPONENTS OF REMOVED EQUIPMENT CAREFULLY, CLEAN & STORE FOR TURN OVER TO THE HOSPITAL.
- 5 REMOVE AND DISPOSE OF EXISTING ACOUSTIC CEILING SYSTEM IN ITS ENTIRETY, INCLUDING TILES, GRID, SUSPENSION SYSTEM, LIGHTING FIXTURES, MECHANICAL AND ELECTRICAL DEVICES AND COMPONENTS.
- 6 REMOVE AND DISPOSE OF EXISTING GYPSUM BOARD/PLASTER CEILING SYSTEM INCLUDING ALL ASSOCIATED OVERHEAD FRAMING SUPPORTS/STEEL BRACINGS ANCHORED TO THE UNDERSIDE OF STRUCTURE IN ITS ENTIRETY.
- 7 REMOVE ALL LAMINAR FLOW DIFFUSERS MOUNTED WITHIN THE EXISTING SUSPENDED GYPSUM BOARD CEILING SYSTEM INCLUDING ASSOCIATED DUCTWORK CONNECTIONS ABOVE THE CEILING LEVEL. REFER TO MECHANICAL DRAWINGS.
- 8 COORDINATE WITH SPRINKLER CONTRACTOR FOR REMOVAL OF SPRINKLER HEADS AND ASSOCIATED SPRINKLER BRANCH PIPING TO ACCOMMODATE NEW SPRINKLER WORK (TYPICAL).
- 9 IN OPERATING ROOM #13, PROVIDE OPENINGS AS REQUIRED WITHIN THE EXISTING GYPSUM BOARD SUSPENDED CEILING SOFFIT TO ENABLE THE WORK OF MECHANICAL TRADES. ENCLOSE OPENINGS WITH NEW GYPSUM BOARD, TAPE, SAND & PAINT SURFACES AND FINISHES TO MATCH ADJACENT EXISTING.
- 10 WITHIN THE EXPANDED BOUNDARY OF OPERATING ROOM#14 ENCRANCHING INTO THE ADJACENT STERILE CORE, REMOVE AND DISPOSE OF EXISTING ACOUSTIC CEILING SYSTEM TO THE EXTENTS SHOWN IN ITS ENTIRETY, INCLUDING TILES, GRID, SUSPENSION SYSTEM, LIGHTING FIXTURES, MECHANICAL AND ELECTRICAL CEILING FIXTURES, LIFE SAFETY DEVICES AND ASSOCIATED COMPONENTS.
- 11 WITHIN THE STERILE CORE ZONE AND OR CORRIDOR, TEMPORARILY REMOVE EXISTING ACOUSTIC CEILING TILES AND CEILING GRID WHERE NECESSARY AS SHOWN WITHIN THE HATCHED BOUNDARY TO UNDERTAKE MECHANICAL AND ELECTRICAL WORK THAT OCCUR ABOVE THE CEILING LEVEL. REINSTATE CEILING TILES AND GRID UPON COMPLETION OF THE DEMOLITION AND NEW WORK.
- 12 FILL EXISTING OPENINGS AT REMOVED MECHANICAL PIPING AND/OR ELECTRICAL SERVICE PENETRATIONS WITHIN THE CONCRETE SLAB WITH NON-SHRINK CONCRETE. PROVIDE PERMANENT SHEET METAL FORMWORK AT UNDERSIDE OF SLAB. PROVIDE MINIMUM 2 DOWELS IN CORE. FOR EXISTING CORES OVER 3" ACROSS, PROVIDE SHOP DRAWINGS STAMPED BY ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.
- 13 ALL LIFE SAFETY SYSTEMS OF THE BUILDING SHALL REMAIN OPERATIONAL AT ALL TIMES THROUGH OUT THE COURSE OF THE RENOVATIONS AND TO BE REPAIRED IF DAMAGED AS A RESULT OF DEMOLITION/CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE HOSPITAL.
- 14 CONTRACTOR TO COORDINATE WITH HOSPITAL AND PROVIDE 5 BUSINESS DAYS NOTICE IN ADVANCE AND SECURE WORK PERMITS BEFORE COMMENCING SHUT-DOWN PROCEDURES FOR SERVICE DISCONNECTIONS AND TIE-INS.
- 15 THE CONTRACTOR SHALL FIRESTOP ALL NEW SERVICE PENETRATIONS THROUGH THE DEMISING OR AND STERILE CORE CORRIDOR WALLS AND MECHANICAL ROOMS WITH ULC FIRE-RATED FIRESTOPPING TO MAINTAIN CONTINUOUS FIRE-RESISTANCE RATING EQUIVALENT FOR THAT ASSEMBLY - REFER TO LIFE SAFETY PLAN FOR LOCATION, EXTENT AND WALL RATINGS FOR NEW AND EXISTING FIRE RATED ASSEMBLIES.
- 16 THE CONTRACTOR IS RESPONSIBLE FOR CLEANING THE AREA OF WORK UPON COMPLETION OF CONSTRUCTION ACTIVITY ON EACH WORK DAY TO MAINTAIN THE HIGHEST LEVEL OF STERILITY WITHIN THE OR ENVIRONMENT.
- 17 TEMPORARILY REMOVE EXIST. ACOUSTIC CEILING TILES AND CEILING GRID WHERE NECESSARY AS SHOWN WITHIN THE HATCHED BOUNDARY TO INSTALL EXHAUST DUCT FROM DUST DOWN VESTIBULE. TEMPORARILY REMOVE EXIST. GLAZING UNIT AND BLANK OFF THE OPENING AROUND TEMPORARY EXHAUST GRILL. REINSTATE CEILING TILES, GRID AND GLAZING UPON COMPLETION OF CONSTRUCTION. MAKE GOOD.

DEMOLITION CEILING PLAN NOTES & LEGENDS 2
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DEMOLITION CEILING PLAN NOTES & LEGENDS 2
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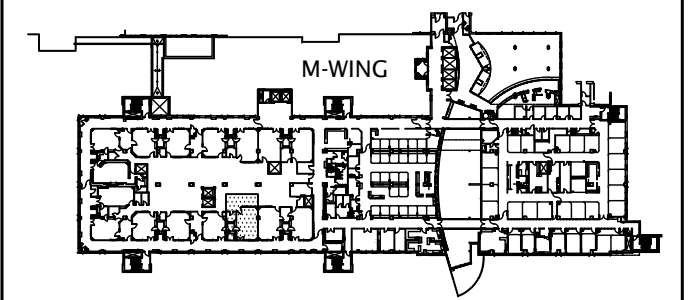
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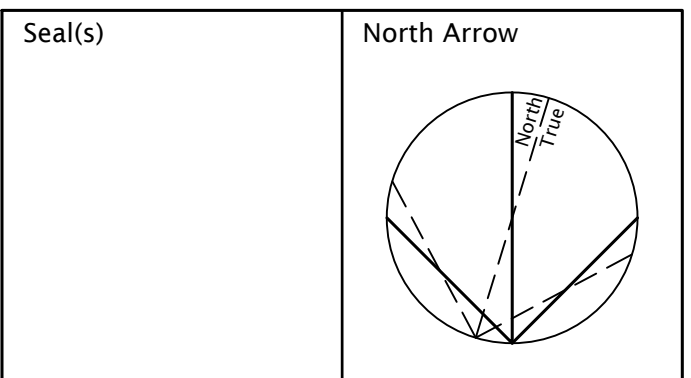
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Project Manager D.WITALEC	Drawn A.SHVETS
Project Leader L.LE	Checked A.SHVETS

Client

 HEALTH SCIENCES CENTRE
 2075 BAYVIEW AVENUE, TORONTO, ON.
 M4N 3M5

Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

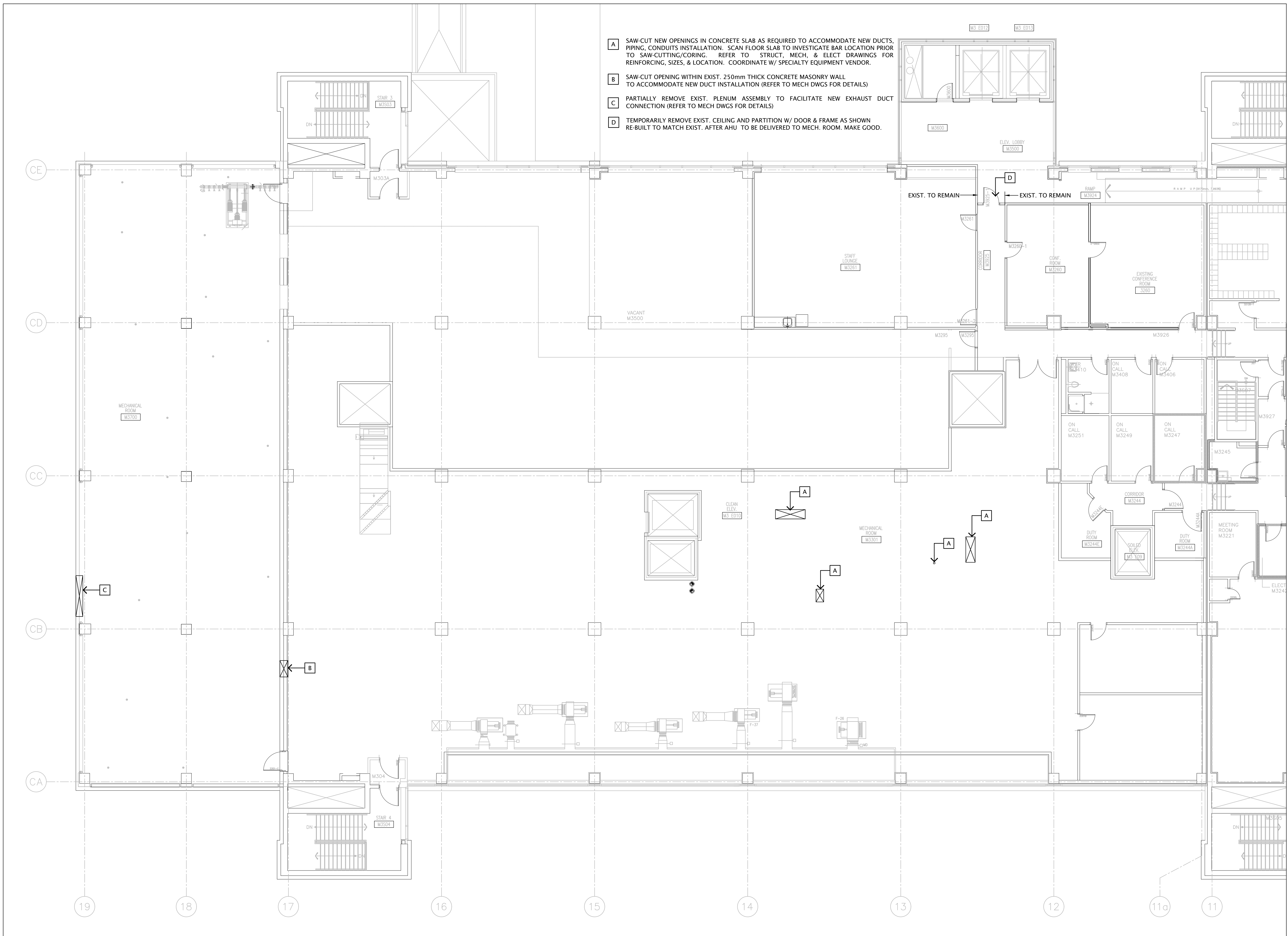
Drawing Title
**PARTIAL M-WING LEVEL 2
 DEMOLITION CEILING PLAN,
 DEMOLITION NOTES & LEGENDS**



Project No. ONBL19-0186

Drawing No. **A20-02**

- A** SAW-CUT NEW OPENINGS IN CONCRETE SLAB AS REQUIRED TO ACCOMMODATE NEW DUCTS, PIPING, CONDUITS INSTALLATION. SCAN FLOOR SLAB TO INVESTIGATE BAR LOCATION PRIOR TO SAW-CUTTING/CORING. REFER TO STRUCT, MECH, & ELECT DRAWINGS FOR REINFORCING, SIZES, & LOCATION. COORDINATE W/ SPECIALTY EQUIPMENT VENDOR.
- B** SAW-CUT OPENING WITHIN EXIST. 250mm THICK CONCRETE MASONRY WALL TO ACCOMMODATE NEW DUCT INSTALLATION (REFER TO MECH DWGS FOR DETAILS)
- C** PARTIALLY REMOVE EXIST. PLENUM ASSEMBLY TO FACILITATE NEW EXHAUST DUCT CONNECTION (REFER TO MECH DWGS FOR DETAILS)
- D** TEMPORARILY REMOVE EXIST. CEILING AND PARTITION W/ DOOR & FRAME AS SHOWN RE-BUILT TO MATCH EXIST. AFTER AHU TO BE DELIVERED TO MECH. ROOM. MAKE GOOD.

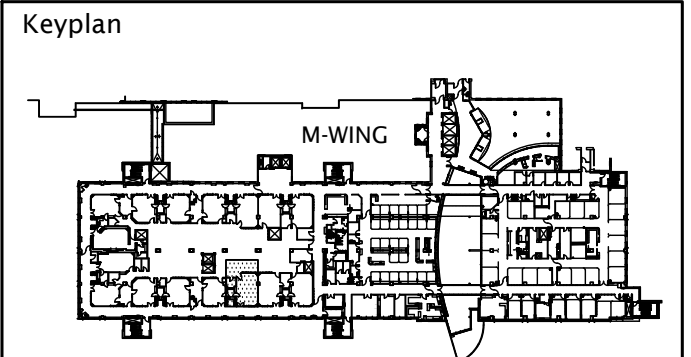


PARTIAL M-WING LEVEL 3 DEMOLITION FLOOR PLAN
1
T:100 A20-03

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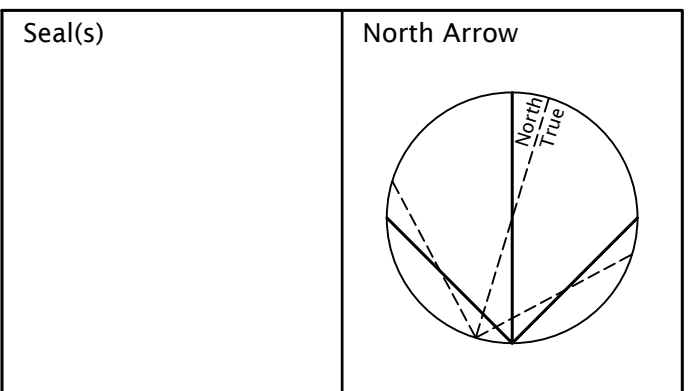
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Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

Drawing Title
**PARTIAL M-WING LEVEL 3
 DEMOLITION FLOOR PLAN**

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

Project No. ONBL19-0186

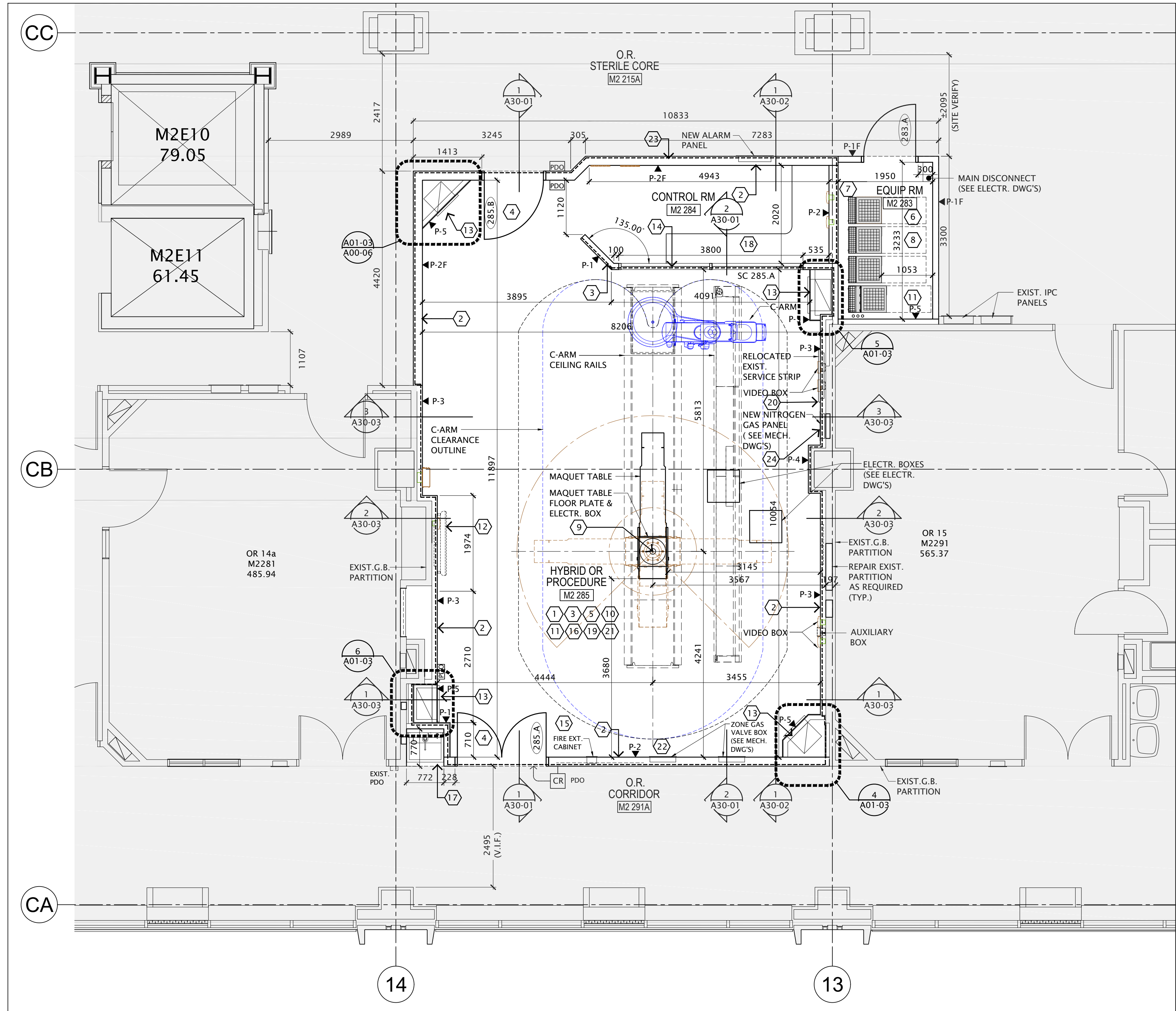
Drawing No. **A20-03**

M-WING LEVEL 2 - CONSTRUCTION NOTES (APPLICABLE TO CONSTRUCTION PLAN)

- 1 CONTRACTOR SHALL ERECT TEMPORARY HOARDINGS AND ANTE ROOM VESTIBULE WITH SECURED DOORS IN ACCORDANCE WITH CSA Z317.13.19 AND INFECTION CONTROL REQUIREMENTS. SUBMIT DETAILED HOARDING PLAN(S) IN CONJUNCTION WITH ALL PHASED CONSTRUCTION ACTIVITIES FOR EACH WORK ZONE REQUESTS THAT WILL BE REVIEWED IN ADVANCE WITH HOSPITAL IP&C AND CPD PM PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES. CONSTRUCTION HOARDING LINES AND CONFIGURATION SHOWN ON THE DRAWINGS ARE SCHEMATIC, EXACT LOCATIONS TO BE DETERMINED ON SITE IN CONSULTATION WITH HOSPITAL'S PROJECT MANAGER AND INFECTION CONTROL/OCC HEALTH REPRESENTATIVE. HOARDING DETAIL, LOCATION AND THEIR EXTENT IS SUBJECT TO CHANGED BASED ON SITE CONDITIONS PRESENT AT THE TIME OF CONSTRUCTION. ENSURE AT THE END OF EACH WORK DAY THAT ALL IMPACTED AREAS WITHIN THE HOSPITAL ARE KEPT TIDY (BROOM CLEANED) AND DUST-FREE TO ALLOW THE HOSPITAL TO CONTINUE THEIR NORMAL OPERATIONS UNIMPEDED AS USUAL. ALL HOARDING PARTITIONS TO BE PAINTED TO MATCH ADJACENT WALL SURFACES.
- 2 REFER TO PHASING DRAWINGS FOR INDICATIVE SEQUENCE OF CONSTRUCTION ACTIVITY IN CONJUNCTION WITH PROJECT SCHEDULE MILESTONES, SHUT-DOWNS AND VENDOR'S EQUIPMENT DELIVERY. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE AND MAKE ALLOWANCE FOR TIME AND COSTS IN THEIR BID FOR IMPLEMENTATION OF MEANS AND METHODS AS REQUIRED TO PERFORM THE WORK. SITE SETUP CONDITIONS AND PHASING SEQUENCE ON THE DRAWINGS ARE CONCEPTUAL ONLY AND THE CONTRACTOR IS RESPONSIBLE TO EVALUATE SUITABILITY FOR THE INTENDED SCOPE OF WORK AND MAY PURSUE OTHER OPTIONS ON MEANS AND METHODS AVAILABLE AND ELECT TO IMPLEMENT THESE OPTIONS AT THEIR OWN DISCRETION WITHOUT ADDITIONAL COST TO THE HOSPITAL SUBJECT TO THE HOSPITAL'S REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF THE WORK UNDER THIS CONTRACT.
- 3 ALL TECHNICAL DRAWINGS INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND SPECIFICATIONS SHALL BE READ HOLISTICALLY AS A WHOLE IN ACCORDANCE WITH THE CDC-2 AND SUPPLEMENTARY CONDITIONS TO FACILITATE THE GENERAL DESIGN INTENT AND PROJECT REQUIREMENTS UNDER THE SCOPE OF THIS CONTRACT. THE SPECIALTY EQUIPMENT SITE SPECIFIC DRAWINGS AND TECHNICAL INSTALLATION DOCUMENTS WILL BE PREPARED BY THE SPECIALTY EQUIPMENT VENDORS AND SHALL BE MADE AVAILABLE TO THE SUCCESSFUL PROPONENT AFTER AWARD.
- 4 CONTRACTOR SHALL ENSURE H.E.P.A. FILTER SYSTEM IS CONNECTED AND OPERATIONAL THROUGHOUT THE COURSE OF CONSTRUCTION. FILTERS SHALL BE MONITORED BY THE CONTRACTOR ON A DAILY BASIS AND CHANGED FREQUENTLY AS REQUIRED.
- 5 CONTRACTOR SHALL NOTE THAT THE AREAS ADJACENT TO THE WORK ZONES ON LEVEL 2 INCLUDING WORK ABOVE CEILING SPACES ON LEVEL 1 ARE FULLY OCCUPIED AND PATIENT, STAFF AND PUBLIC SAFETY AND CONVENIENCE SHALL GOVERN OVER THE CONTRACTOR'S SCHEDULE AND CONVENIENCE WITHOUT PROTEST OR RIGHT TO DAMAGES FOR DELAY.
- 6 FROM RESULTS OF LASER MEASURED FLOOR SURVEY THE CONTRACTOR SHALL PREPARE THE SUBSTRATE SLAB SURFACES AND CONSULT WITH THE MANUFACTURER'S CERTIFIED APPROVED EPOXY FLOORING FIELD APPLICATOR TO DETERMINE SUITABLE AND COMPATIBLE FLOOR LEVELING SYSTEM TO MEET THE SPECIALTY EQUIPMENT VENDOR'S INSTALLATION REQUIREMENTS. FLOOR FLATNESS ELEVATION/TOLERANCE SHALL BE WITHIN 1/16" (2mm) OVER A LENGTH OF 39" (1.0m). INSTALL FLOORING FINISHES IN ACCORDANCE WITH THE SPECIFICATIONS.
- 7 CONSTRUCT NEW PARTITIONS IN ACCORDANCE WITH THE PARTITION WALL TYPE SCHEDULE. ALL PARTITIONS TO EXTEND TO UNDERSIDE OF EXISTING CEILING STRUCTURE UNLESS OTHERWISE INDICATED. REFER TO LIFE SAFETY PLAN FOR LOCATION AND EXTENT OF NEW AND EXISTING FIRE SEPARATIONS AND NON-RATED FIRE SEPARATIONS (I.E. SMOKE SEPARATIONS).
- 8 PROVIDE AND INSTALL 1/8" (3.2mm) CONTINUOUS LEAD SHIELDING WITHIN NEW PARTITIONS SURROUNDING THE HYBRID OPERATING ROOM INCLUDING WITHIN PARTITIONS SEGREGATING THE CONTROL ROOM. ENSURE LEAD SHEETS HAVE 50mm OVERLAPPING JOINTS AND PROVIDE 50mm STRIP OF 1/8" (3.2mm) LEAD FULL HEIGHT OF STEEL STUDS AT SEAMS. PROVIDE 50mm THICK LEAD PUCK FASTENED TO 1/8" (3.2mm) LEAD ANGLE AND ANCHORED TO STUD CAVITY TO MAINTAIN CONTINUITY OF SHIELDING PROTECTION. NEW LEAD SHIELDING WITHIN ALL PARTITIONS SHALL EXTEND FROM FLOOR SLAB TO 2900mm AFF.
- 9 SUPPLY AND INSTALL NEW FIRE-RATED LEAD LINED HOLLOW METAL DOORS IN LEAD LINED HOLLOW METAL FRAMES AT NEW OPENINGS WITHIN THE HYBRID OPERATING ROOM. M2-285 SUPPLY AND INSTALL THE HARDWARE SCHEDULE HAVING EQUIVALENT LEAD PROTECTION RATING OF 3.2mm FOR THE WALL ASSEMBLY. CONTRACTOR SHALL COORDINATE DOOR AND FRAME PREPS WITH SPECIFIED HARDWARE AND SECURITY ACCESS CONTROL DEVICES TO ENSURE PROPER FUNCTIONALITY. COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ASSOCIATED WIRING WITHIN DOOR FRAMES INCLUDING LOW-VOLTAGE WIRING FOR CONNECTIONS TO ACCESS CONTROL DEVICES AND DOOR ACTUATORS.
- 10 PROVIDE NEW ELECTRICAL RECEPTACLES AND SWITCHES WITHIN NEW PARTITIONS - REFER TO ELECTRICAL DRAWINGS. CONNECT OUTLETS ON EMERGENCY POWER WHERE NOTED. PROVIDE 2" (50mm) OVERLAP BETWEEN LEAD SHEETS AND ENSURE SHIELDING IS CONTINUOUS BEHIND RECEPTACLE BACK BOXES, ELECTRICAL SERVICE PANELS, SWITCHES, SPECIALTY EQUIPMENT VENDOR'S VIDEO BOXES (TYPICAL). LOCATION OF ALL VIDEO BOXES, OUTLETS, RECEPTACLES AND MOUNTING HEIGHTS SHOWN ON ROOM ELEVATIONS SHALL BE VERIFIED WITH CLINICIANS DURING TIME OF ROUGH-IN.
- 11 CONSTRUCT NEW FIRE-RATED PARTITIONS ENCLOSING EQUIPMENT ROOM M2-283 WHERE THE SPECIALTY EQUIPMENT VENDOR'S DEDICATED SYSTEM CONTROL CABINETS ARE PLACED. THESE WALLS SHALL HAVE A REQUIRED ACOUSTIC RATING OF NOT LESS THAN STC-55 AND PARTITIONS SHALL EXTEND TO UNDERSIDE OF EXISTING STRUCTURE. PROVIDE NEW 3/4 HR FIRE-RATED HOLLOW METAL DOOR IN RATED HOLLOW METAL FRAME ASSEMBLY. EQUIPMENT ROOM DOOR #283.A SHALL ALSO MEET THE EQUIVALENT STC RATING AS THAT OF THE ACOUSTIC RATED WALL ASSEMBLY.
- 12 SUPPLY AND INSTALL SURFACE MOUNTED WIRE MOLD RACEWAY ALONG THE EAST WALL OF EQUIPMENT ROOM M2-283 - REFER TO ROOM ELEVATIONS FOR MOUNTING HEIGHTS IN CONJUNCTION WITH ELECTRICAL DRAWINGS.
- 13 COORDINATE WITH MECHANICAL CONTRACTOR AND PROVIDE OVERHEAD STEEL SUPPORTS/BRACINGS ANCHORED TO UNDERSIDE OF STRUCTURE FOR NEW CEILING SUSPENDED INDOOR EVAPORATOR UNIT. REFER TO ELECTRICAL DRAWINGS FOR POWER SUPPLY AND CONNECTIONS.
- 14 CONTRACTOR TO COORDINATE WITH EQUIPMENT VENDOR FOR INSTALLATION OF FLOOR MOUNTING PLATE BELOW THE PATIENT TABLE BASE AND ANCHORAGE TO THE EXISTING FLOOR SLAB. CAREFULLY CHIP EXISTING CONCRETE, SAW-CUT TO ENABLE THE INSTALLATION OF THE VENDOR'S MAQUET STEEL FLOOR PLATE 1.18" (30MM) THICK SUPPLIED BY SPECIALTY EQUIPMENT VENDOR AND INSTALLED BY CONTRACTOR WHICH SHALL BE FINISHED FLUSH MOUNTED WITH TOP OF THE FLOOR SLAB. CONTRACTOR SHALL ENSURE FLOOR FLATNESS LEVEL WITHIN 1/16" (1.5mm) ACROSS SURFACE OF THE FLOOR PLATE IN ACCORDANCE WITH THE EQUIPMENT VENDOR'S INSTALLATION REQUIREMENTS. COORDINATE SCANNING OF FLOOR SLAB AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORE DRILLING AS REQUIRED WITHIN THE CENTRE OF THE MOUNTING PLATE FOR ROUGH-IN OF ELECTRICAL CONDUITS, CABLING AND ASSOCIATED CONNECTIONS TO THE GANTRY SYSTEM TABLE BASE.
- 15 SUPPLY AND INSTALL NEW OVERHEAD ENGINEERED UNISTRUT FRAMING SUPPORT SYSTEM ANCHORED TO THE UNDERSIDE OF STRUCTURE C/W REQUIRED STEEL LATERAL STIFFENERS/BRACING SYSTEM FOR THE SUPPORT OF THE SPECIALTY EQUIPMENT VENDOR'S CEILING MOUNTED C-ARM, SUSPENDED SYSTEM CEILING RAILS, SUSPENDED INJECTOR RAD SHIELD ON ARTICULATING ARM. FINISHED CEILING HEIGHT SHALL BE INSTALLED 6mm TO 13mm ABOVE BOTTOM OF UNISTRUT CHANNEL. (*P1000/P1001/P5500/P5501 UNISTRUT OR EQUIVALENT MAY BE USED AS LONG IT CONFORMS TO THE SPECIALTY EQUIPMENT VENDOR'S CEILING INSTALLATION REQUIREMENTS, GEOMETRY OF CHANNEL, AND GEOMETRY OF FIXING BLOCK INSTALLED INSIDE THE UNISTRUT SYSTEM). PROVIDE ENGINEERED SHOP DRAWINGS BY P.ENG LICENSED IN THE PROVINCE OF ONTARIO.
- 16 SCAN FLOOR SLAB FOR LOCATIONS OF EXISTING REBAR WITH STRUCTURAL ENGINEER/HOSPITAL FOR APPROVAL TO ACCOMMODATE NEW CORE PENETRATIONS THROUGH THE SLAB FOR SLEEVING OF CABLING SERVICES REQUIRED FOR POWER & UTILITY FEEDS SERVING THE GANTRY EQUIPMENT SYSTEM AND ITS ASSOCIATED CONTROLS CABINETS. CONTRACTOR TO SEAL AND FIRE STOP AROUND NEW SERVICE PENETRATIONS TO MAINTAIN INTEGRITY OF THE FLOOR SLAB 2-HR FIRE-RESISTANCE RATING.
- 17 PROVIDE REINFORCEMENT WITHIN THE NEW PARTITION AND FLUSH MOUNT MOUNTING BRACKET FOR DISPLAY MONITOR (SUPPLIED BY GANTRY SYSTEM VENDOR AND INSTALLATION BY CONTRACTOR). COORDINATE RECEPTACLE OUTLET AND VIDEO CONNECTION BOX AS PER DEVICE MOUNTING HEIGHTS SHOWN ON ELEVATIONS.
- 18 SUPPLY AND INSTALL NEW LOW LEVEL EXHAUST C/W PREFIN. GRILLES WITH SEALED GASKET CONNECTIONS TO ASSOCIATED DUCTWORK. REFER TO MECHANICAL DRAWINGS FOR VENTILATION DETAILS.
- 19 PROVIDE AND INSTALL NEW LEAD SHIELDED OBSERVATION WINDOW WITHIN LEAD LINED HOLLOW METAL FRAME ASSEMBLY AT THE CONTROL ROOM. LEAD GLASS THICKNESS AND ASSEMBLY SHALL HAVE EQUIVALENT LEAD PROTECTION RATING OF 3.2MM AS THAT WITHIN THE PARTITION WALL ASSEMBLY.
- 20 PROVIDE GYPSUM BOARD AND METAL STUD FRAMED OPENING WITHIN THE WALL TO ACCOMMODATE FOR FLUSH MOUNTING OF THE FIRE EXTINGUISHER IN A PRE-MANUFACTURED BOX WITH HINGED GLASS FRONT COVER.
- 21 REFER TO STRUCTURAL DRAWINGS FOR NEW HSS STEEL POSTS AND ASSOCIATED HSS LATERAL STIFFENERS AND STEEL ANCHOR MOUNTING PLATES THAT ARE ANCHORED TO UNDERSIDE OF EXISTING SLAB SOFFIT FOR THE SUPPORT OF ALL CEILING SUSPENDED ARTICULATING BOOM EQUIPMENT INCLUDING SURGICAL LIGHTS AND VENDOR'S FLEXVISION MONITORS. CONTRACTOR SHALL SCAN BENEATH EXISTING SLAB SOFFIT TO CONFIRM LOCATION OF REINFORCING BARS PRIOR TO FABRICATION AND INSTALLATION OF STEEL BASE PLATE (TYPICAL).
- 22 PROVIDE NEW STAINLESS STEEL SCRUB SINK - REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR FIXTURE TYPE. COORDINATE ACCESS ABOVE THE CEILING SPACE WITHIN LEVEL 1 ROOM AREAS TO ACCOMMODATE PLUMBING AND DRAINAGE CONNECTIONS BELOW THE LEVEL 2 FLOOR SLAB. TEMPORARILY REMOVE SUSPENDED CEILING TILES, LIGHTING FIXTURES & ASSOCIATED CEILING DEVICES AS NECESSARY TO CARRY OUT NEW MECHANICAL SERVICES/CONNECTIONS. REINSTATE AND MAKE GOOD CEILINGS, LIGHTING FIXTURES IN GOOD OPERATING ORDER UPON COMPLETION OF WORK.
- 23 CONSTRUCT NEW SOLID SURFACE WORK SURFACES FOR THE CONTROL ROOM. PROVIDE 65mmØ GROMMETS - 2x QTY. BELOW THE WORKSTATION COUNTER. PROVIDE SURFACE MOUNTED WIRE MOLD RACEWAY - REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR DETAILS. REFER TO MILLWORK SECTION DETAILS FOR HSS TUBE SUPPORT STRUCTURE ANCHORED TO FLOOR SLAB AND BRACED WITHIN THE PARTITION WALL TO SUPPORT THE WORK COUNTER. ALL EXPOSED EDGES OF STEEL SUPPORTS SHALL BE FILED TO AVOID SHARP CORNERS AND PAINTED.
- 24 CONTRACTOR TO PROVIDE ROUGH-IN FOR SPEAKER CABLES AND INSTALLATION OF NEW AUDIO SPEAKERS WITHIN THE HYBRID OPERATING ROOM TO BE TIED BACK TO AMPLIFIER AND STEREO SYSTEM LOCATED WITHIN THE CONTROL ROOM - REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR DETAILS. CONTRACTOR SHALL FRAME AND PROVIDE OVERHEAD STEEL SUPPORT WITHIN THE NEW FINISHED GYPSUM BOARD CEILING ASSEMBLY TO FLUSH MOUNT NEW CEILING SPEAKERS AND WILL DEACTIVATE UPON FA ANNUNCIATION.
- 25 RELOCATE AND INSTALL PERFUSION HEADWALL SERVICE STRIP WITH MEDICAL GAS OUTLETS AND ELECTRICAL RECEPTACLES WITHIN NEW PARTITION - REFER TO ELEVATIONS FOR MOUNTING HEIGHT.
- 26 PROVIDE NEW FULL HEIGHT WALL PROTECTION (PWC-1) WITH WELDED SEAMS ALONG VERTICAL PANEL JOINTS. PROVIDE PRE-MANUFACTURED RADIUS CORNERS SUPPLIED BY WALL PROTECTION MANUFACTURER AT ALL CEILING-WALL JUNCTURES WITHIN THE OPERATING ROOM AND CONTROL ROOM AREAS. PROVIDE CONTINUOUS POLYURETHANE BEAD OF SEALANT ALONG PRE-FINISHED TRANSITION STRIP AT INTERFACE BETWEEN TOP OF INTEGRAL EPOXY COVED BASE AND BOTTOM OF WALL PROTECTION SURFACES. REFER TO FINISHES SCHEDULE IN CONJUNCTION WITH SPECIFICATIONS.
- 27 PROVIDE NEW MEDICAL GAS ZONE CONTROL VALVE AND ALARM PANEL WITHIN NEW DEMISING CORRIDOR WALL PARTITION. REFER TO MECHANICAL DRAWINGS FOR MEDICAL GAS SERVICES AND PIPING CONNECTIONS AND TERMINATIONS.
- 28 INSTALL ISOLATED POWER SUPPLIES WITHIN THE NEW HYBRID OR DEMISING WALL LOCATION - REFER TO ELECTRICAL DRAWINGS FOR QUANTITIES AND DETAILS.
- 29 EXISTING NITROGEN GAS PANEL TO BE REMOUNTED TO THE LOCATION OF THE PARTITION WALL TO MATCH CURRENT CONDITIONS. EXTEND ALL ASSOCIATED SERVICES AS REQUIRED TO ENSURE PROPER OPERATING CONDITIONS TO SUIT THE NEW LAYOUT.
- 30 ANY EXISTING SURFACES AND FINISHES INDICATED TO REMAIN THAT ARE DAMAGED DURING THE COURSE OF DEMOLITION/CONSTRUCTION SHALL BE REPAIRED, PATCHED AND MADE GOOD (OR REFINISHED) TO MATCH EXISTING.

GENERAL CONSTRUCTION NOTES

2
A21-01



PARTIAL M-WING LEVEL 2 CONSTRUCTION FLOOR PLAN

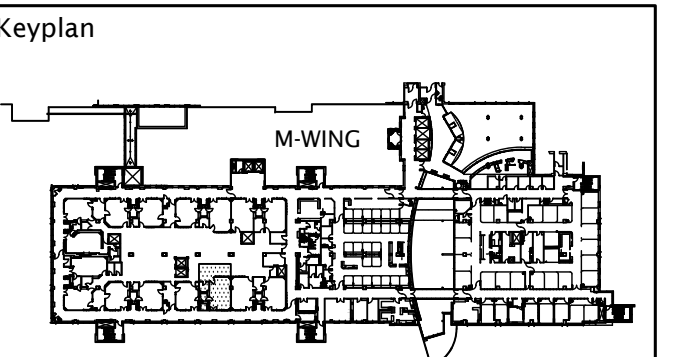
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A21-01

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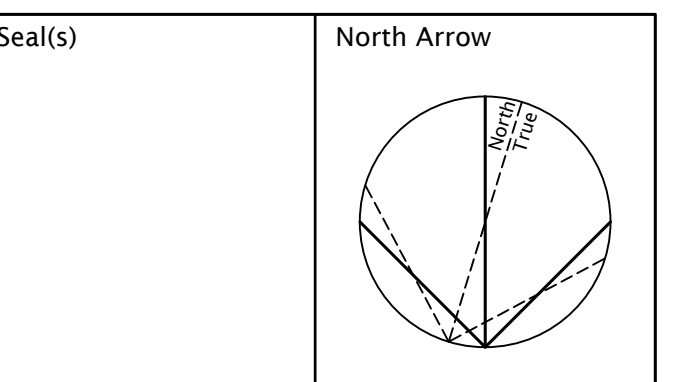
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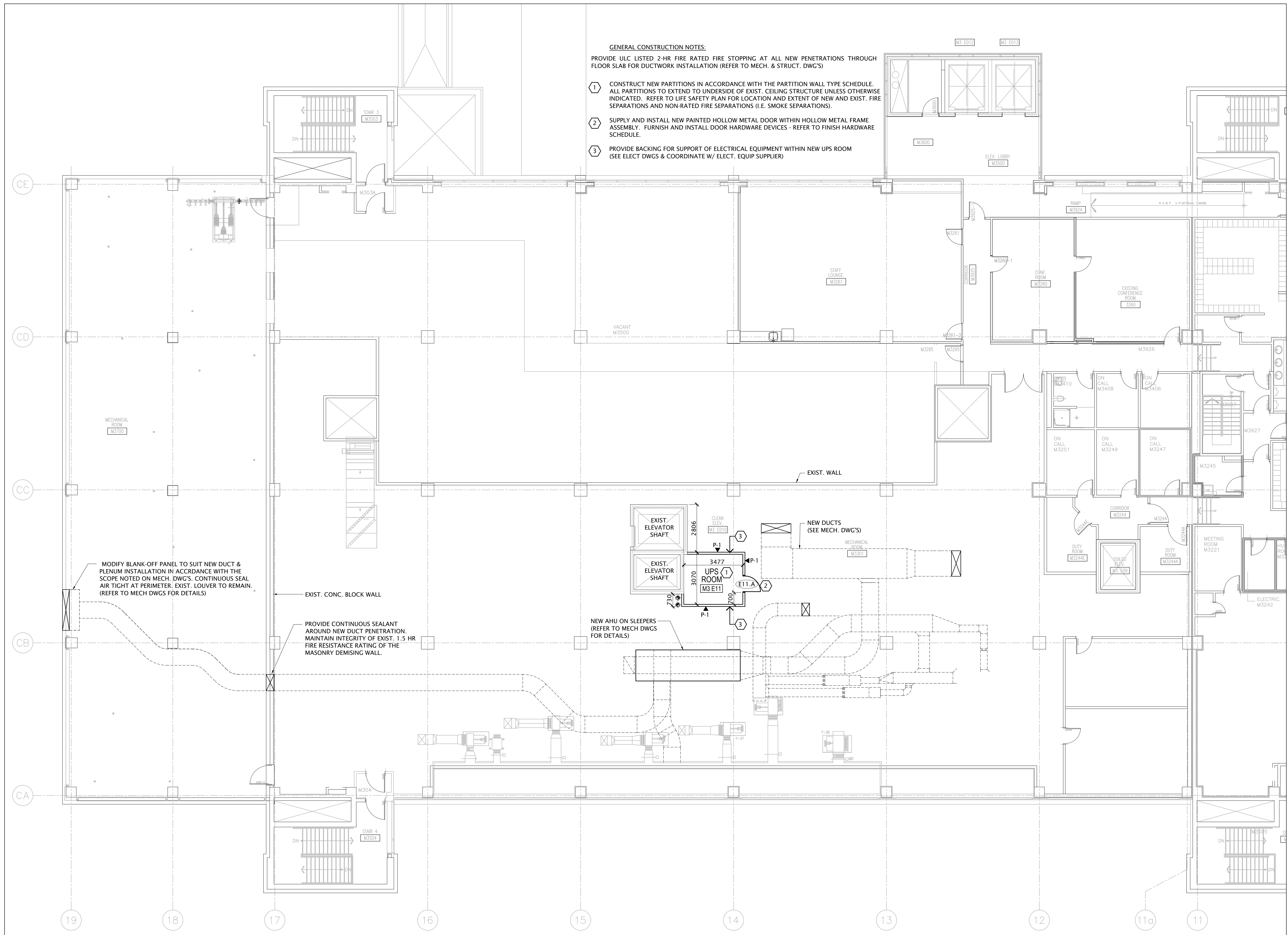
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**M-WING LEVEL 2
HYBRID OPERATING ROOM**

Drawing Title
**PARTIAL M-WING LEVEL 2
CONSTRUCTION FLOOR PLAN
NOTES & LEGEND**

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

Project No. ONBL19-0186

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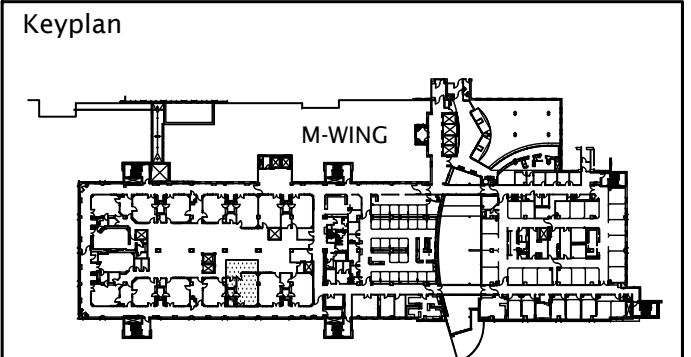


- GENERAL CONSTRUCTION NOTES:**
- PROVIDE ULC LISTED 2-HR FIRE RATED FIRE STOPPING AT ALL NEW PENETRATIONS THROUGH FLOOR SLAB FOR DUCTWORK INSTALLATION (REFER TO MECH. & STRUCT. DWG'S)
 - 1 CONSTRUCT NEW PARTITIONS IN ACCORDANCE WITH THE PARTITION WALL TYPE SCHEDULE. ALL PARTITIONS TO EXTEND TO UNDERSIDE OF EXIST. CEILING STRUCTURE UNLESS OTHERWISE INDICATED. REFER TO LIFE SAFETY PLAN FOR LOCATION AND EXTENT OF NEW AND EXIST. FIRE SEPARATIONS AND NON-RATED FIRE SEPARATIONS (I.E. SMOKE SEPARATIONS).
 - 2 SUPPLY AND INSTALL NEW PAINTED HOLLOW METAL DOOR WITHIN HOLLOW METAL FRAME ASSEMBLY. FURNISH AND INSTALL DOOR HARDWARE DEVICES - REFER TO FINISH HARDWARE SCHEDULE.
 - 3 PROVIDE BACKING FOR SUPPORT OF ELECTRICAL EQUIPMENT WITHIN NEW UPS ROOM (SEE ELECT DWGS & COORDINATE W/ ELECT. EQUIP SUPPLIER)

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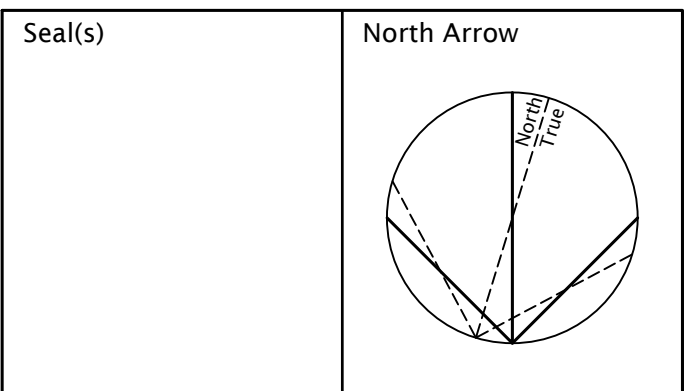
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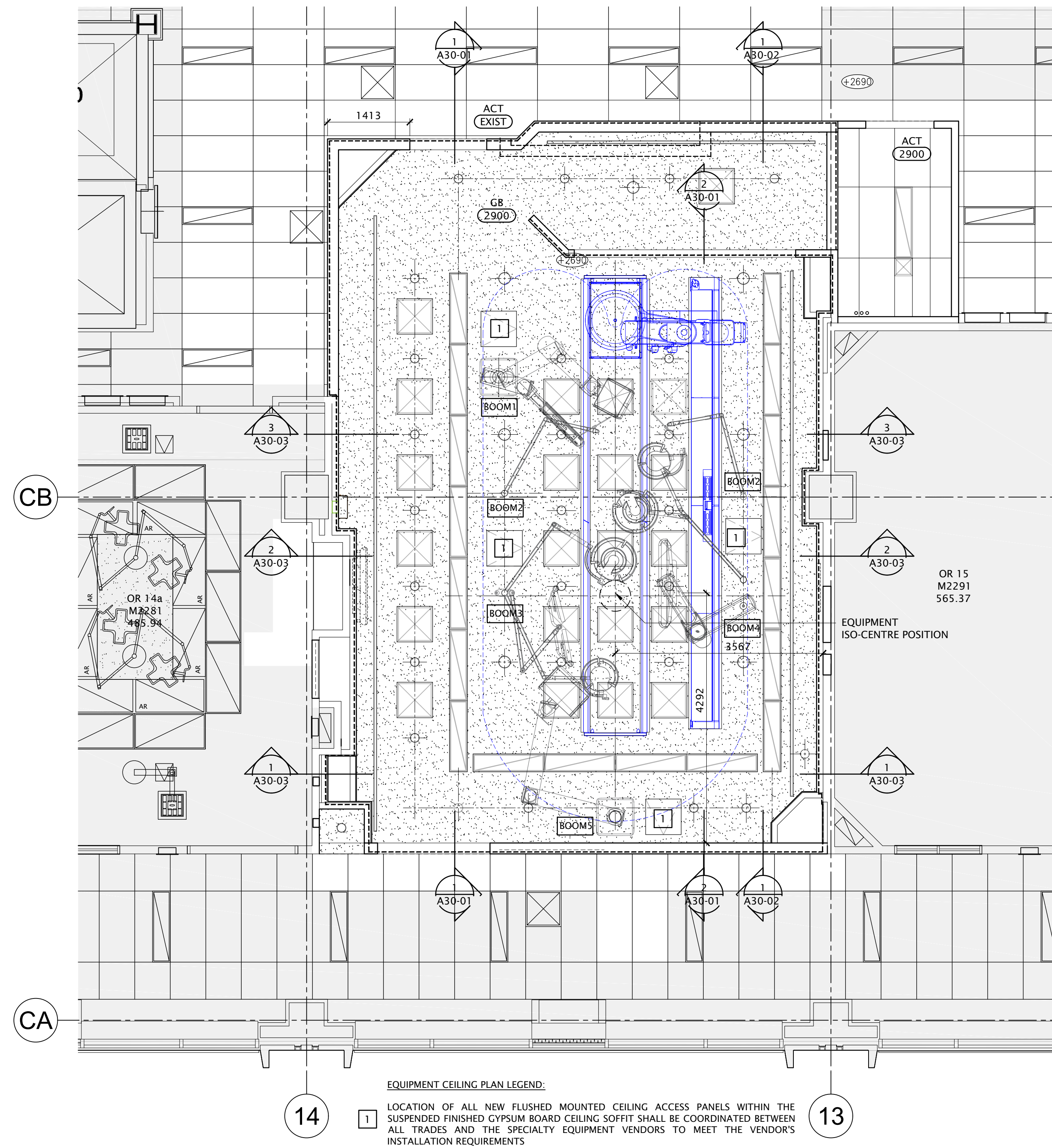
Drawing Title
**PARTIAL M-WING LEVEL 3
 CONSTRUCTION FLOOR PLAN**



Project No. **ONBL19-0186**

Drawing No. **A21-02**

REFERENCE TAG	SPECIALTY EQUIPMENT (BY VENDOR) DESCRIPTION OF EQUIPMENT PENDANT SYSTEM	ARCHITECTURAL DESCRIPTION OF WORK: REFER TO ARCHITECTURAL DRAWINGS	STRUCTURAL DESCRIPTION OF WORK: REFER TO STRUCTURAL DRAWINGS
BOOM1	ANESTHESIA BOOM (GETINGE-MAQUET) DIAMETER OF THE DUAL SHROUD COVER: 580 x 580 SUPPLIED AND INSTALLED BY VENDOR	CONTRACTOR TO PROVIDE 550 x 550 FRAMED OPENING IN FINISHED SUSPENDED GYPSUM BOARD CEILING AND 610 x 610 MIN. ACCESS PANEL AS PER SPECIFICATIONS, SPACED 250 - 410 FROM THE STRUCTURAL SUPPORT HANGER. COORDINATE WORK AND ACTUAL PLACEMENT WITH SPECIALTY EQUIPMENT VENDOR'S INSTALLATION REQUIREMENTS	REFER TO STRUCTURAL DRAWINGS FOR NEW STEEL SUPPORT STRUCTURE. CEILING ANCHOR PLATE AND ASSOCIATED WORK FOR FASTENING/INSTALLATION OF THE EQUIPMENT BOOM TO THE STRUCTURAL MOUNTING PLATE BY THE SPECIALTY EQUIPMENT VENDOR.
BOOM2	SINGLE X-RAY SHIELD PENDANT ARM (GETINGE-MAQUET) DIAMETER OF THE SHROUD COVER: 550 x 550 SUPPLIED AND INSTALLED BY VENDOR	CONTRACTOR TO PROVIDE 500 x 500 FRAMED OPENING IN FINISHED SUSPENDED GYPSUM BOARD CEILING AND 610 x 610 MIN. ACCESS PANEL AS PER SPECIFICATIONS, SPACED 250 - 410 FROM THE STRUCTURAL SUPPORT HANGER. COORDINATE WORK AND ACTUAL PLACEMENT WITH SPECIALTY EQUIPMENT VENDOR'S INSTALLATION REQUIREMENTS	REFER TO STRUCTURAL DRAWINGS FOR NEW STEEL SUPPORT STRUCTURE. CEILING ANCHOR PLATE AND ASSOCIATED WORK FOR FASTENING/INSTALLATION OF THE EQUIPMENT BOOM TO THE STRUCTURAL MOUNTING PLATE BY THE SPECIALTY EQUIPMENT VENDOR.
BOOM3	DUAL SURGICAL LIGHTS & DUAL MONITOR DISPLAYS (GETINGE-MAQUET) DIAMETER OF THE SHROUD COVER: 550 x 550 SUPPLIED AND INSTALLED BY VENDOR	CONTRACTOR TO PROVIDE 500 x 500 FRAMED OPENING IN FINISHED SUSPENDED GYPSUM BOARD CEILING AND 610 x 610 MIN. ACCESS PANEL AS PER SPECIFICATIONS, SPACED 250 - 410 FROM THE STRUCTURAL SUPPORT HANGER. COORDINATE WORK AND ACTUAL PLACEMENT WITH SPECIALTY EQUIPMENT VENDOR'S INSTALLATION REQUIREMENTS	BOOM3, BOOM4 & BOOMS: PROVIDE NEW HSS STEEL HANGER SUPPORT & WELDED DIAGONAL BRACINGS ANCHORED TO UNDERSIDE OF STRUCTURE INCLUDING STRUCTURAL MOUNTING PLATE. CEILING ANCHOR PLATE AND ASSOCIATED WORK FOR FASTENING/INSTALLATION OF THE EQUIPMENT BOOM TO THE STRUCTURAL MOUNTING PLATE BY THE SPECIALTY EQUIPMENT VENDOR.
BOOM4	DUAL SURGICAL LIGHTS & LARGE MONITOR DISPLAY (GETINGE-MAQUET) DIAMETER OF THE DUAL SHROUD COVER: 1030 x 580 SUPPLIED AND INSTALLED BY VENDOR	CONTRACTOR TO PROVIDE 1000 x 580 FRAMED OPENING IN FINISHED SUSPENDED GYPSUM BOARD CEILING AND 610 x 610 MIN. ACCESS PANEL AS PER SPECIFICATIONS, SPACED 250 - 410 FROM THE STRUCTURAL SUPPORT HANGER. COORDINATE WORK AND ACTUAL PLACEMENT WITH SPECIALTY EQUIPMENT VENDOR'S INSTALLATION REQUIREMENTS	
BOOM5	NURSING BOOM (GETINGE-MAQUET) DIAMETER OF THE SHROUD COVER: 580 x 580 SUPPLIED AND INSTALLED BY VENDOR	CONTRACTOR TO PROVIDE 550 x 550 FRAMED OPENING IN FINISHED SUSPENDED GYPSUM BOARD CEILING AND 610 x 610 MIN. ACCESS PANEL AS PER SPECIFICATIONS, SPACED 250 - 410 FROM THE STRUCTURAL SUPPORT HANGER. COORDINATE WORK AND ACTUAL PLACEMENT WITH SPECIALTY EQUIPMENT VENDOR'S INSTALLATION REQUIREMENTS	



RESERVED

2
A22-01

HYBRID OR SUITE M2 EQUIPMENT CEILING PLAN
T:50

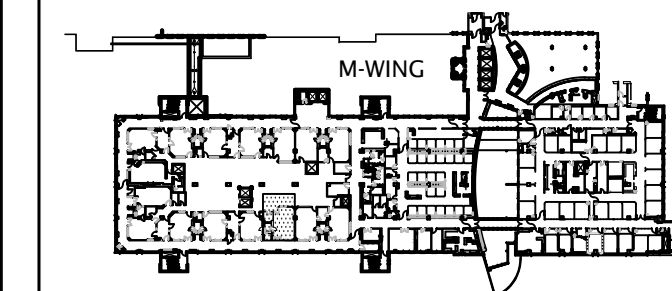
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A22-01

DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
2020-07-28	TENDER	0

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Keyplan

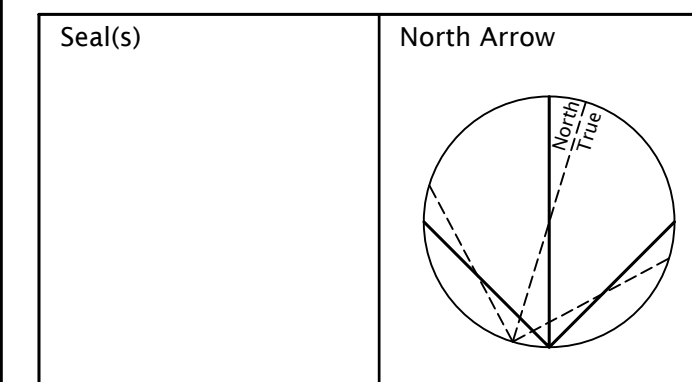


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Project Manager D.WITALEC	Drawn A.SHVETS
Project Leader L.LE	Checked D.WITALEC/A.SHVETS

Client

 Sunnybrook
 HEALTH SCIENCES CENTRE
 2075 BAYVIEW AVENUE, TORONTO, ON.
 M4N 3M5

Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

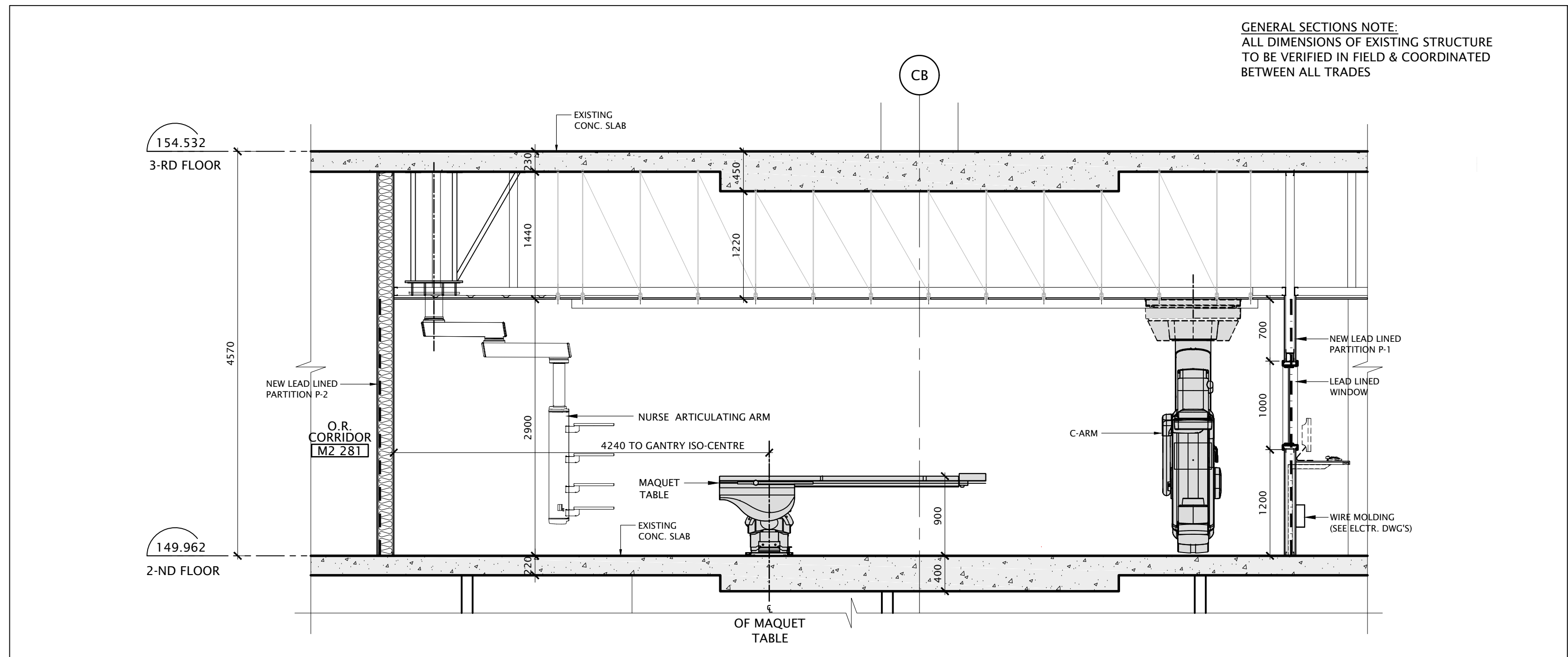
Drawing Title
**PARTIAL M-WING LEVEL 2
 SPECIALTY EQUIPMENT CEILING
 PLAN AND SCHEDULE**

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

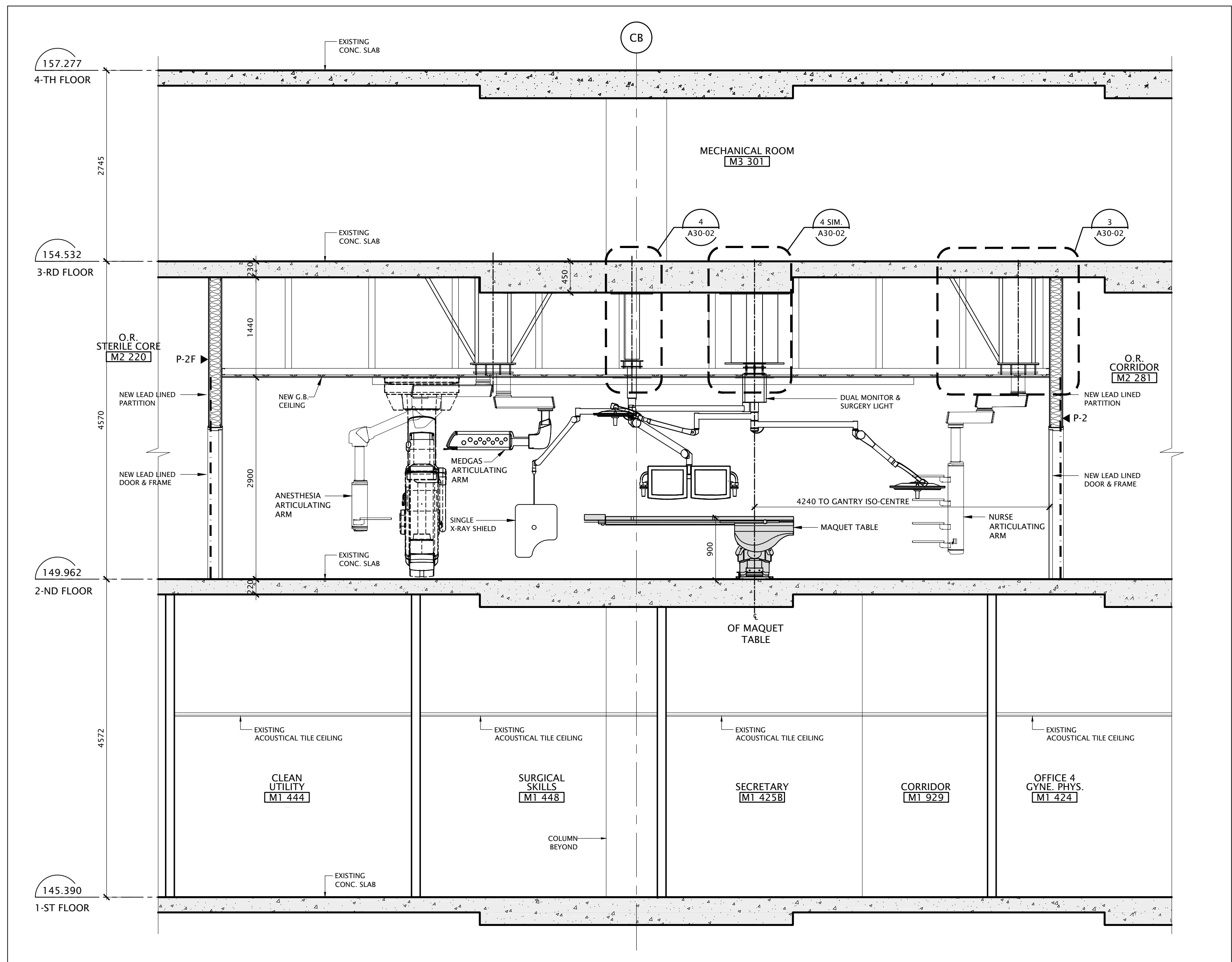
Project No. ONBL19-0186

Drawing No.

A22-02



NORTH - SOUTH SECTION THROUGH HYBRID OR SUITE LOOKING WEST 1:40 2 A30-01



NORTH - SOUTH SECTION THROUGH HYBRID OR SUITE LOOKING WEST 1:40 1 A30-01

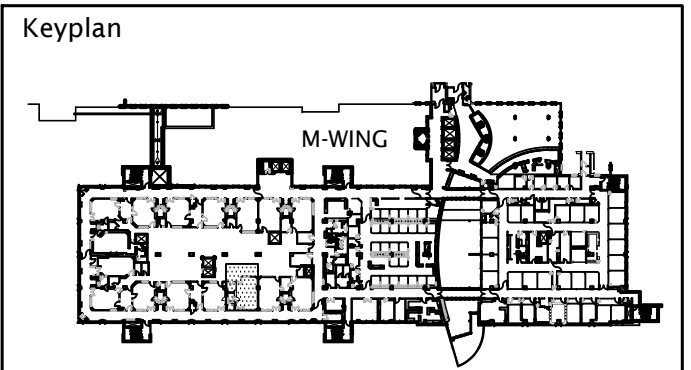
RESERVED 3 A30-01

GENERAL SECTIONS NOTE:
ALL DIMENSIONS OF EXISTING STRUCTURE
TO BE VERIFIED IN FIELD & COORDINATED
BETWEEN ALL TRADES

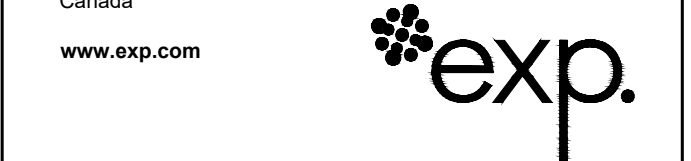
DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
2020-07-28	TENDER	0

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Seal(s)	North Arrow
---------	-------------

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Project Manager D.WITALEC	Drawn HOSSEINI/REYES UMAÑA
Project Leader L.LE	Checked D.WITALEC/A.SHVETS

Client
Sunnybrook
HEALTH SCIENCES CENTRE
2075 BAYVIEW AVENUE, TORONTO, ON.
M4N 3M5

Project
**M-WING LEVEL 2
HYBRID OPERATING ROOM**

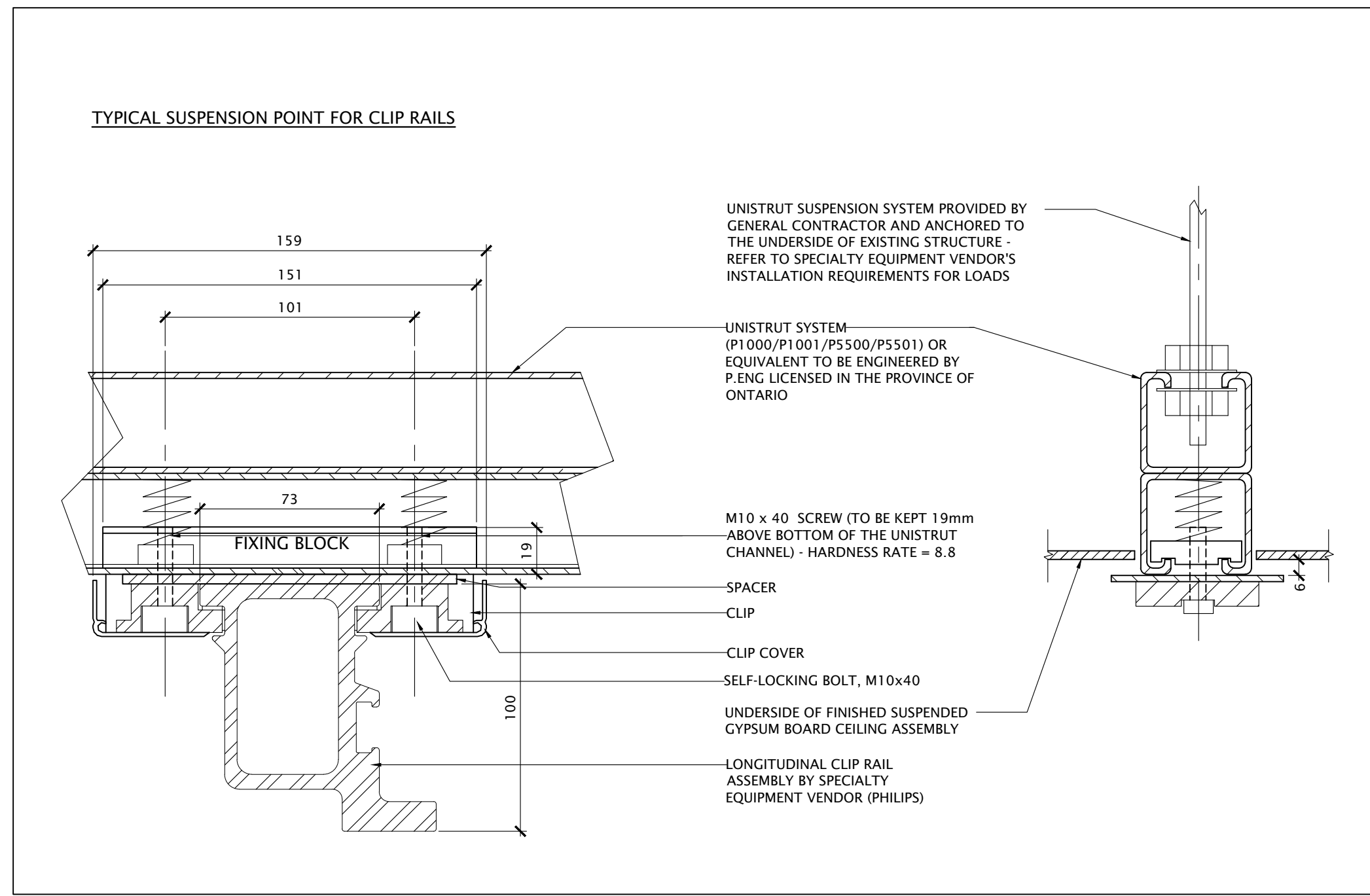
Drawing Title
NORTH - SOUTH SECTION
THROUGH HYBRID OR SUITE
LOOKING WEST

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

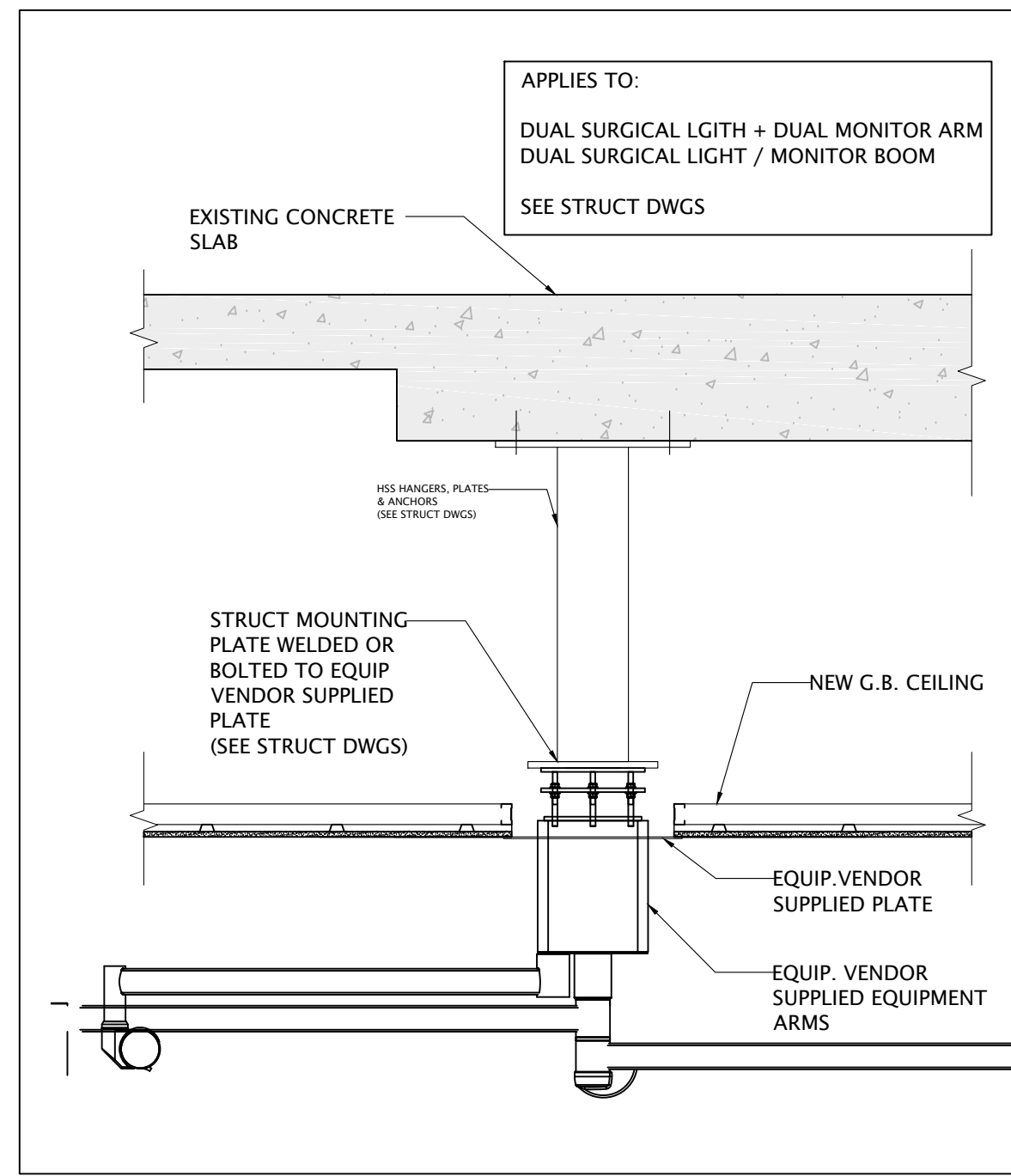
Project No. ONBL19-0186

Drawing No.

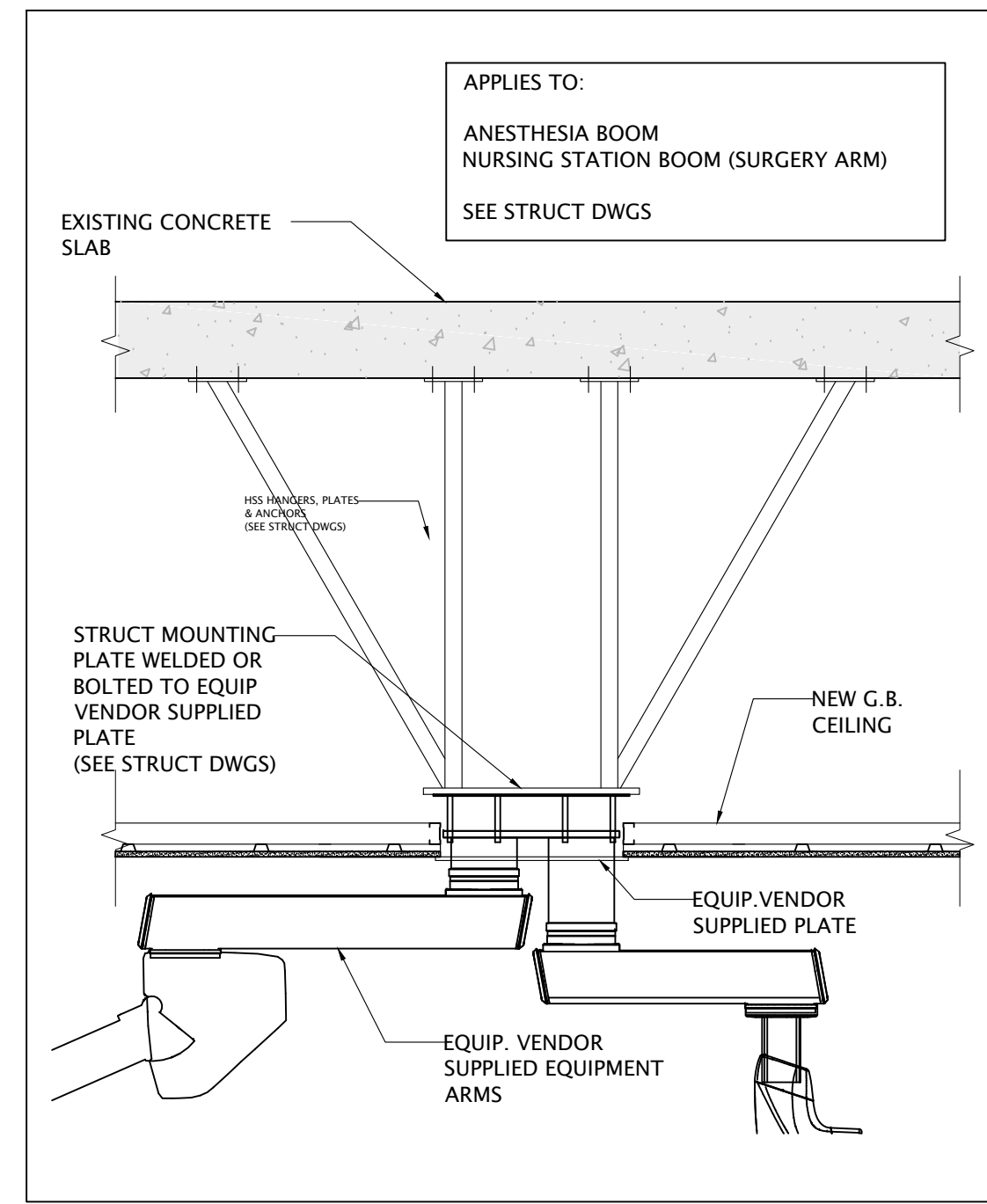
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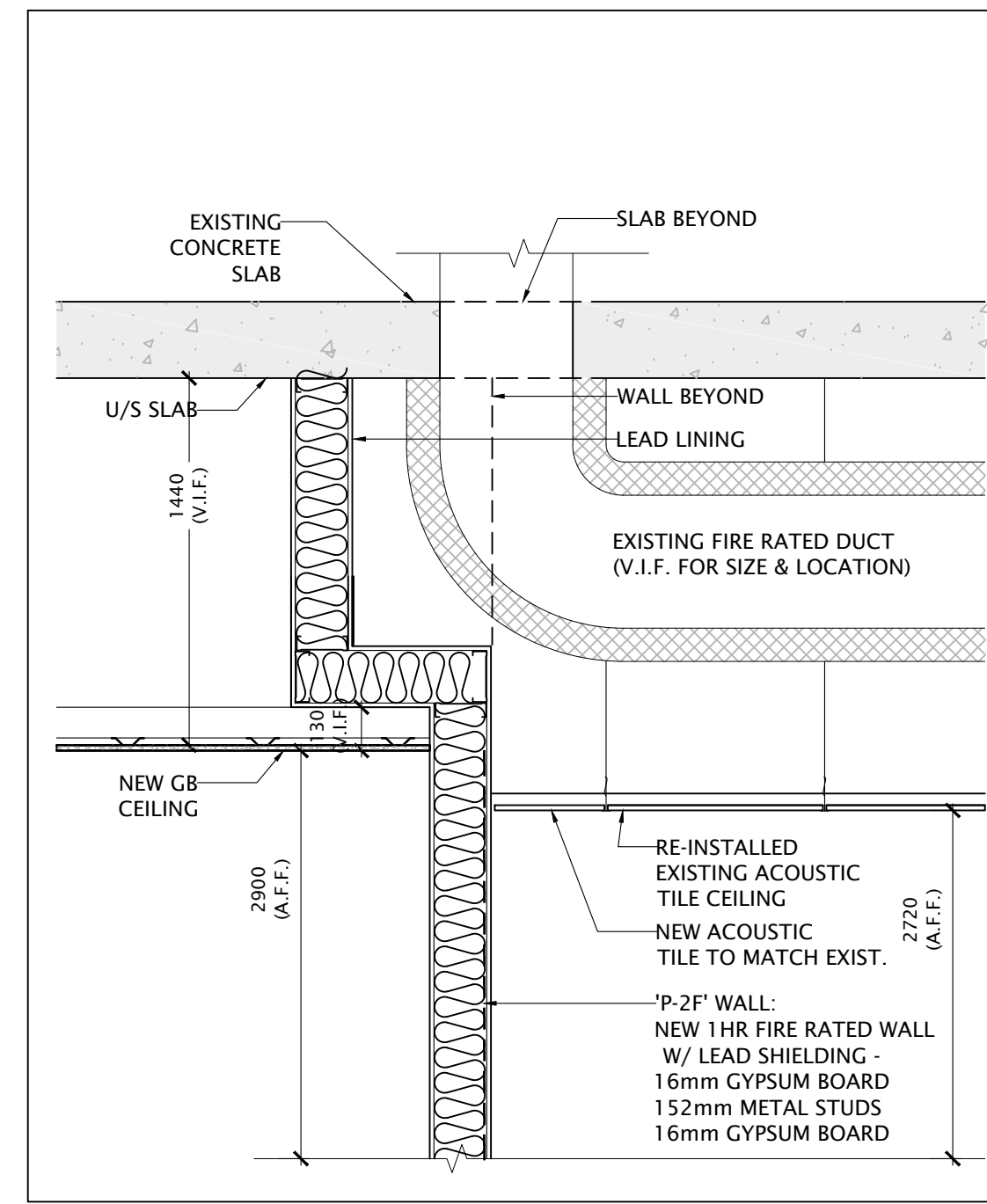
UNISTRUT SUPPORT DETAIL FOR PHILIPS CEILING RAIL CLIPS
1:2 6 A30-02



EQUIPMENT SUPPORT DETAIL - LIGHT DUTY (TYP.)
1:20 4 A30-02



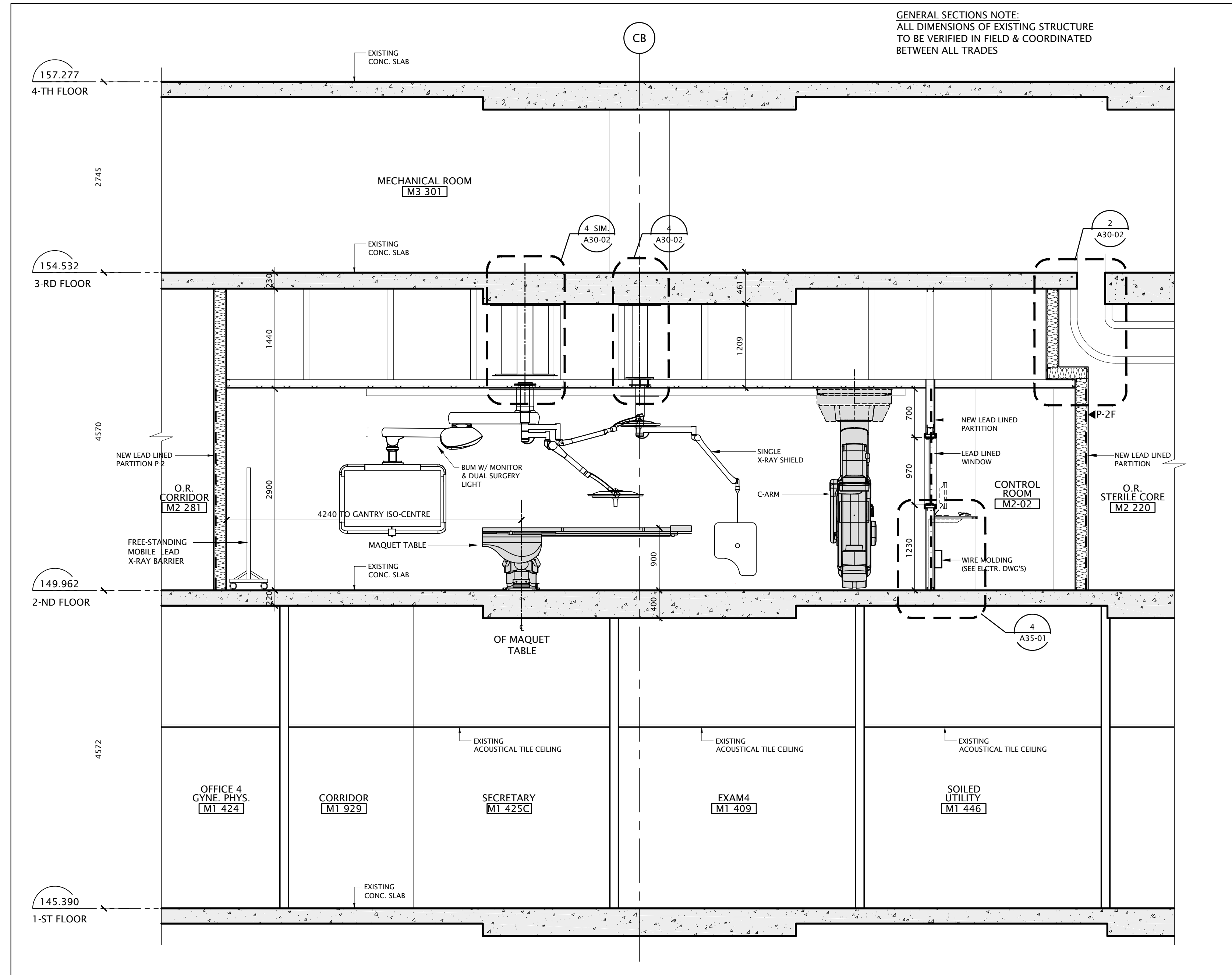
EQUIPMENT SUPPORT DETAIL - HEAVY DUTY (TYP.)
1:20 3 A30-02



SECTION DETAIL
1:20 2 A30-02



RESERVED 5 A30-02

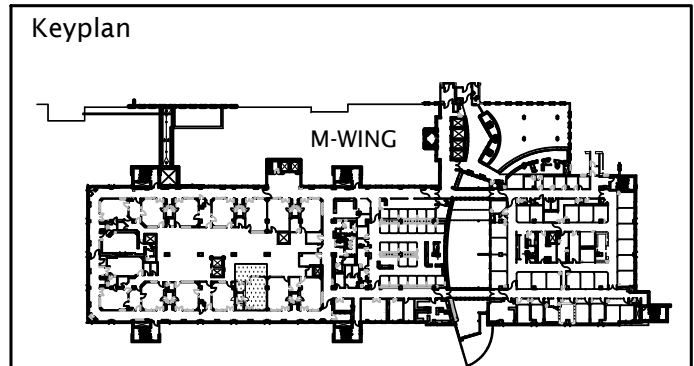


NORTH - SOUTH SECTION THROUGH HYBRID OR SUITE LOOKING EAST
1:40 1 A30-02

DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
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Client

 Sunnybrook
 HEALTH SCIENCES CENTRE
 2075 BAYVIEW AVENUE, TORONTO, ON.
 M4N 3M5

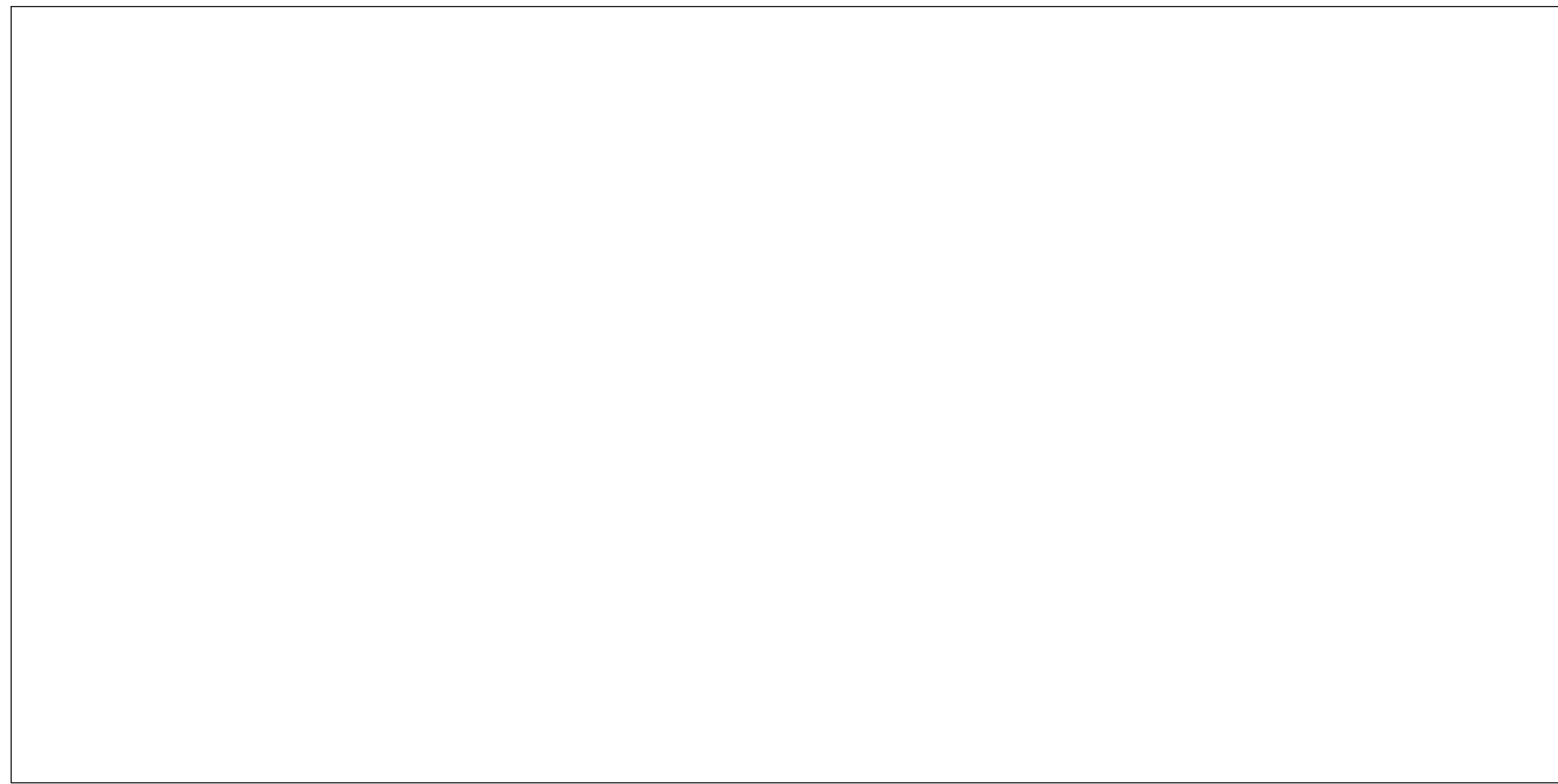
Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

Drawing Title
 NORTH - SOUTH SECTION
 THROUGH HYBRID OR SUITE
 LOOKING EAST

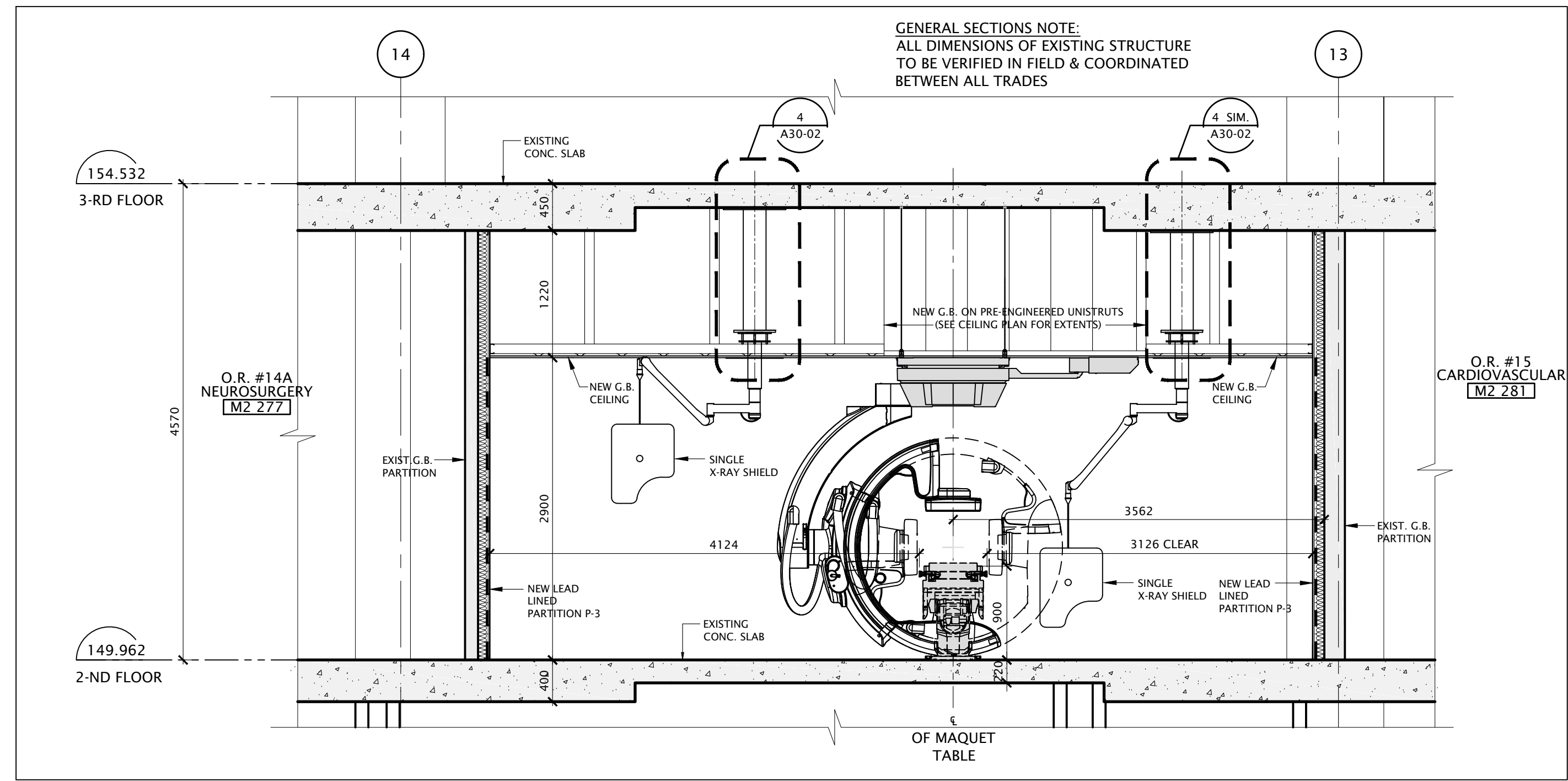
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Project No. ONBL19-0186

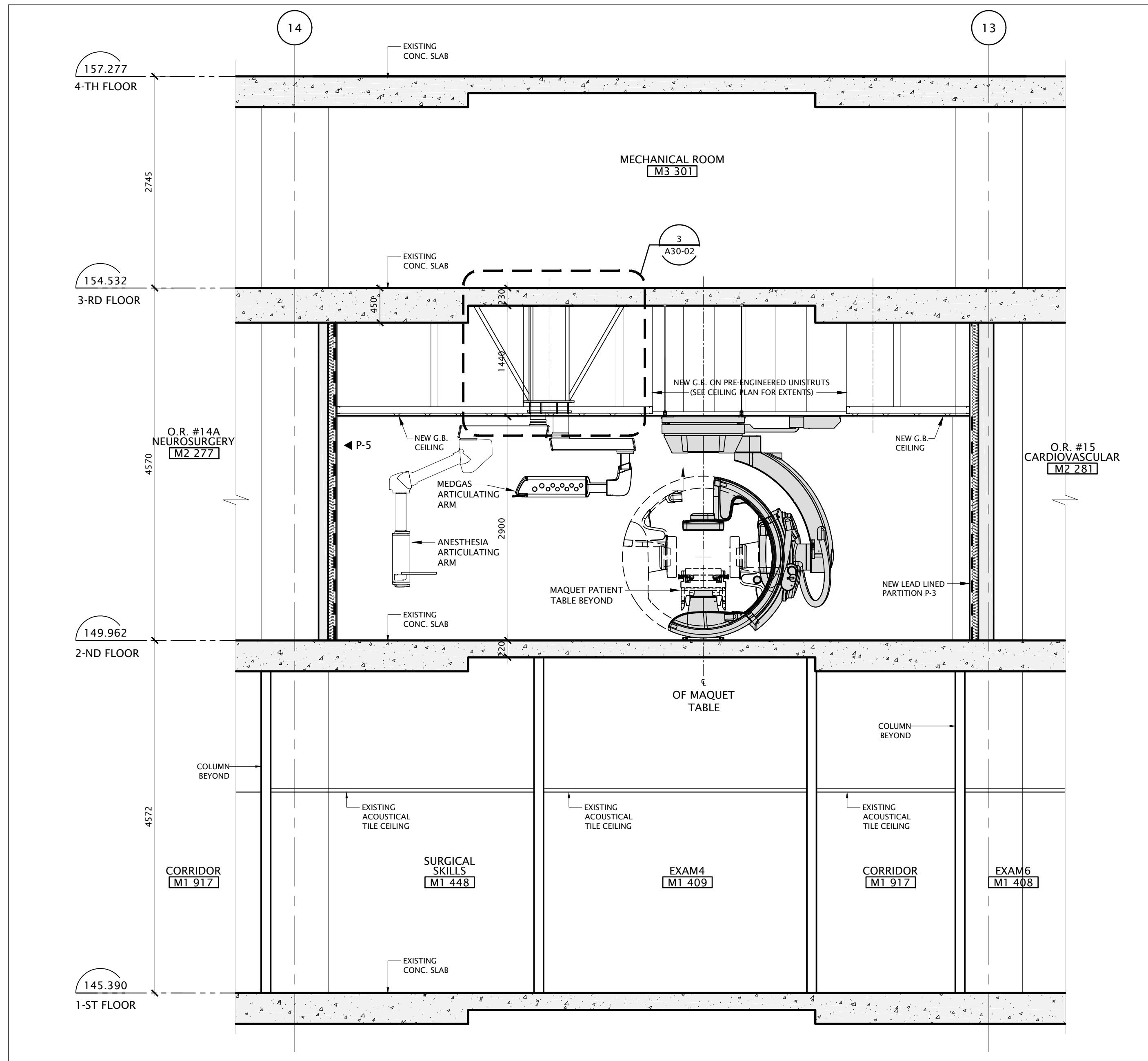
Drawing No. **A30-02**



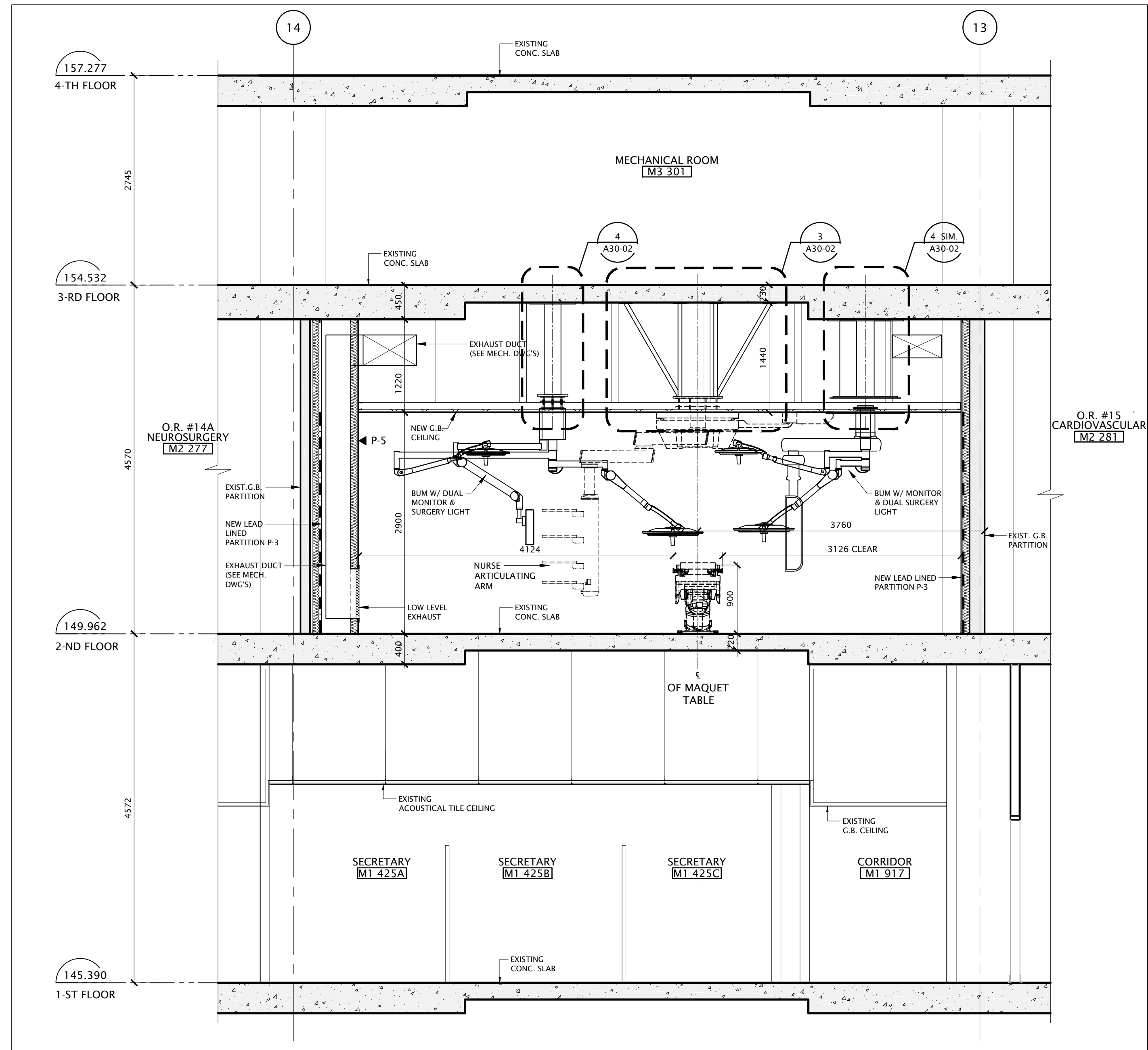
RESERVED 4
A30-03



EAST - WEST SECTION THROUGH HYBRID OR SUITE LOOKING SOUTH 2
1:40 A30-03



EAST - WEST SECTION THROUGH HYBRID OR SUITE LOOKING NORTH 3
1:40 A30-03

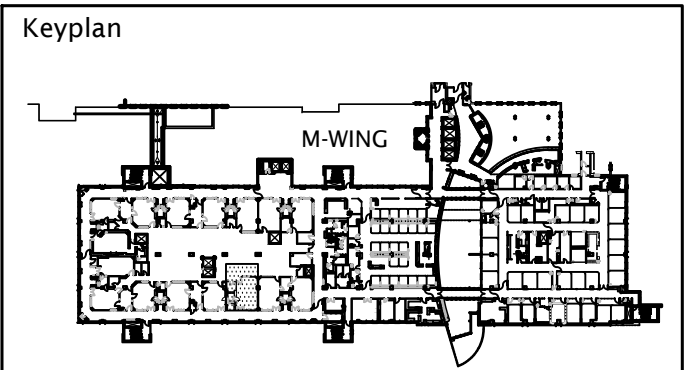


EAST - WEST SECTION THROUGH HYBRID OR SUITE LOOKING SOUTH 1
1:40 A30-03

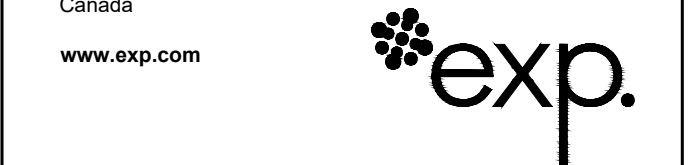
DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
2020-07-28	TENDER	0

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Seal(s)	North Arrow
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Project Manager D.WITALEC	Drawn HOSSEINI/REYES UMAÑA
Project Leader L.LE	Checked D.WITALEC/A.SHVETS

Client

 HEALTH SCIENCES CENTRE
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 M4N 3M5

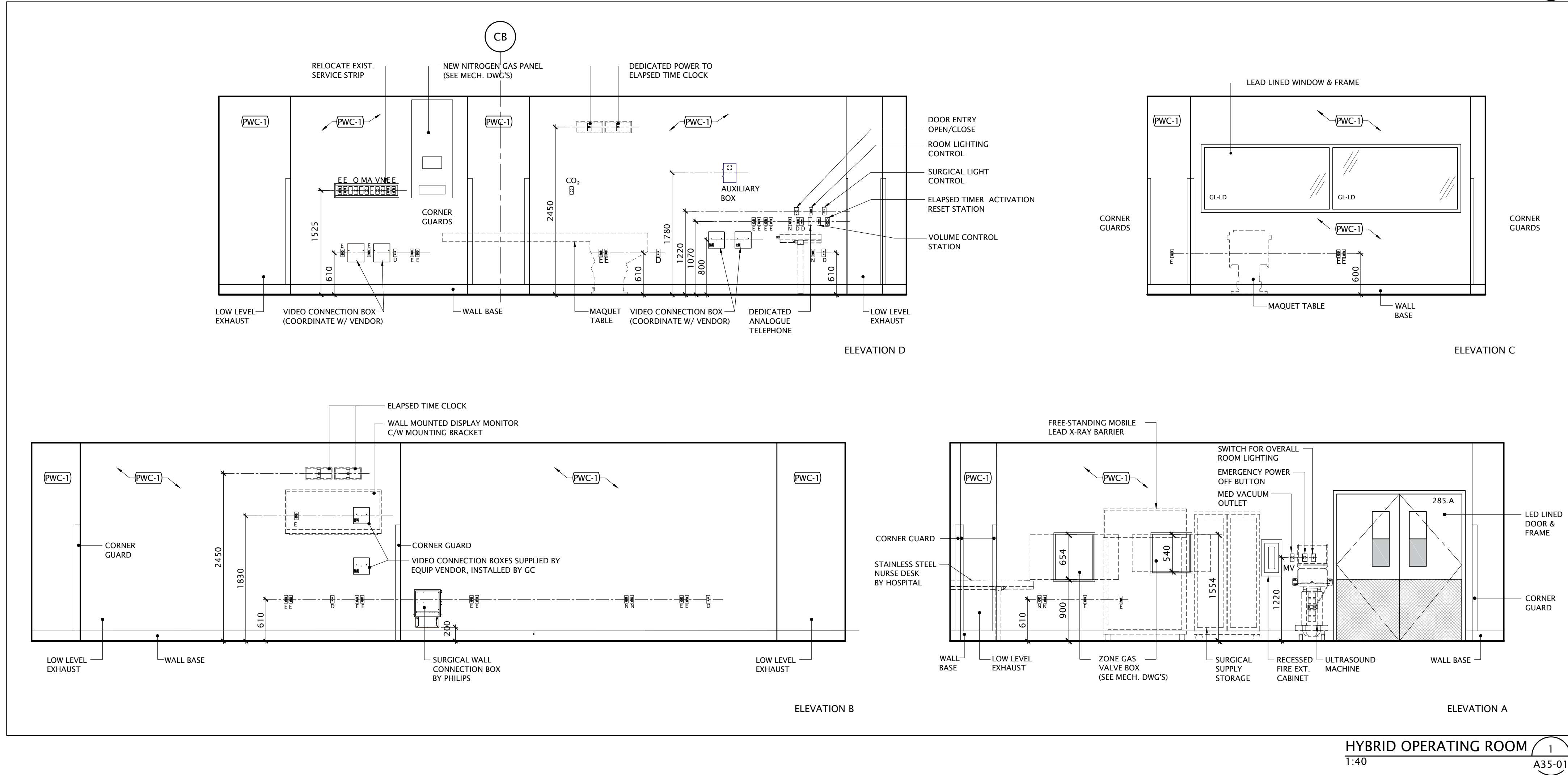
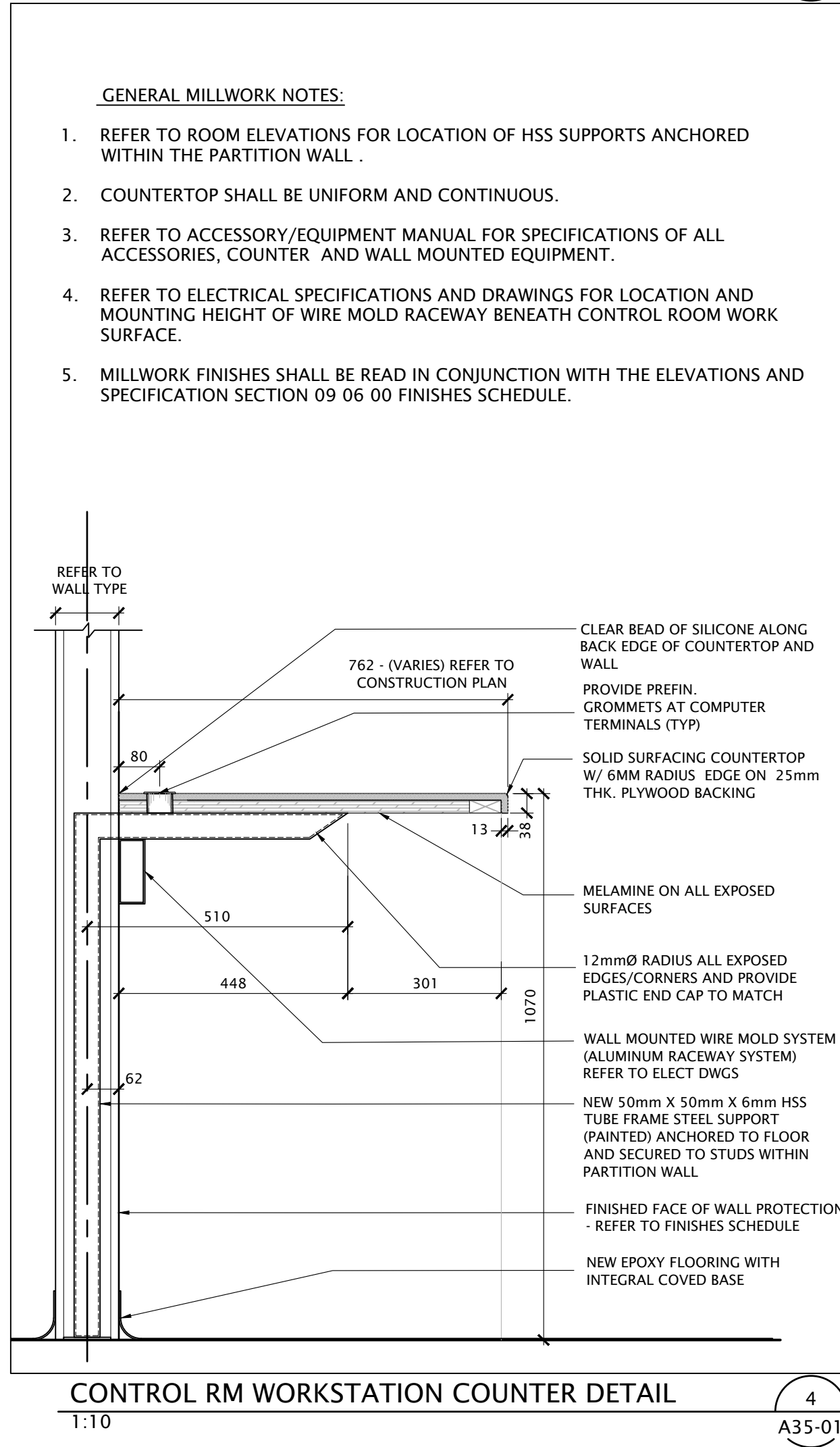
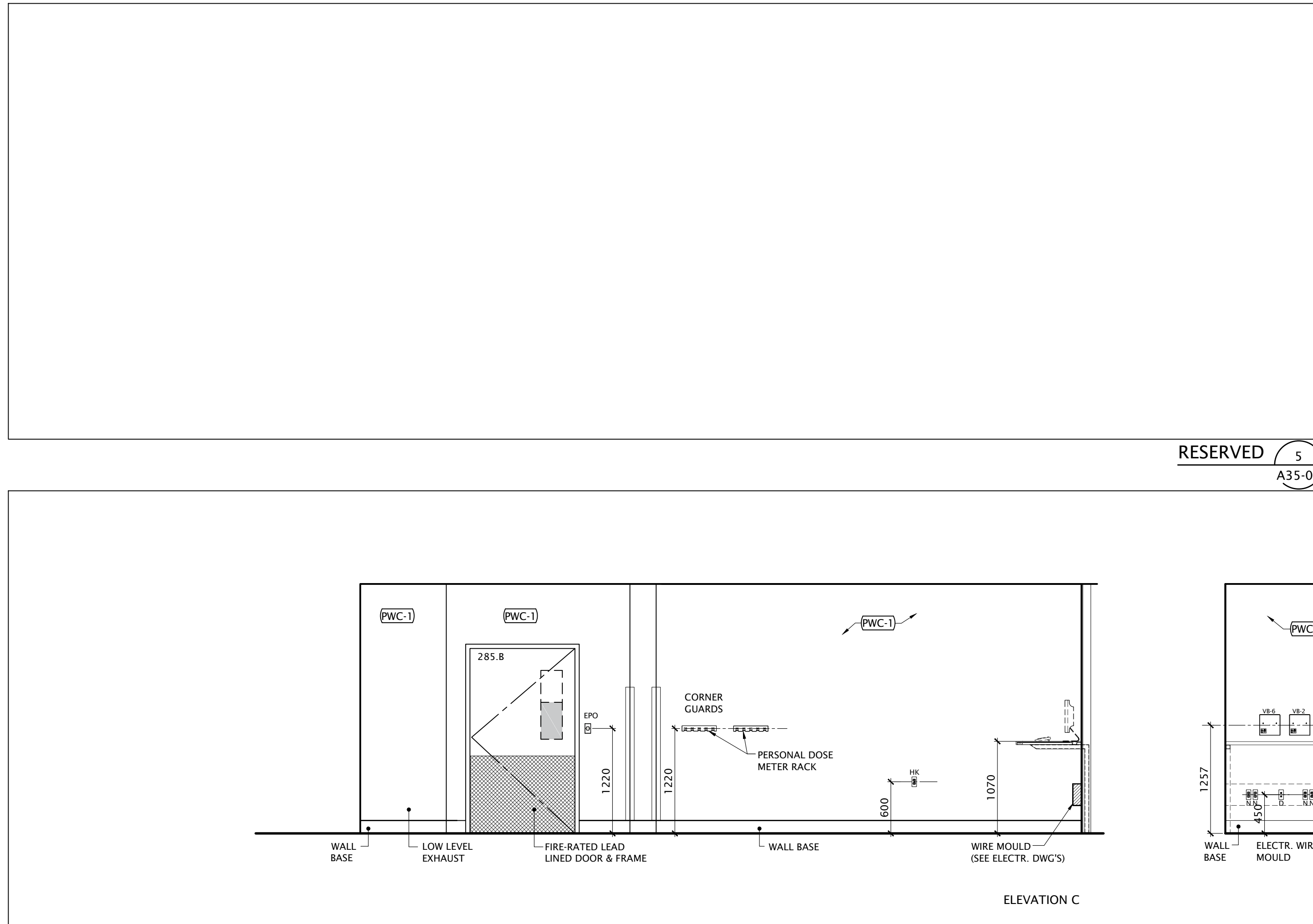
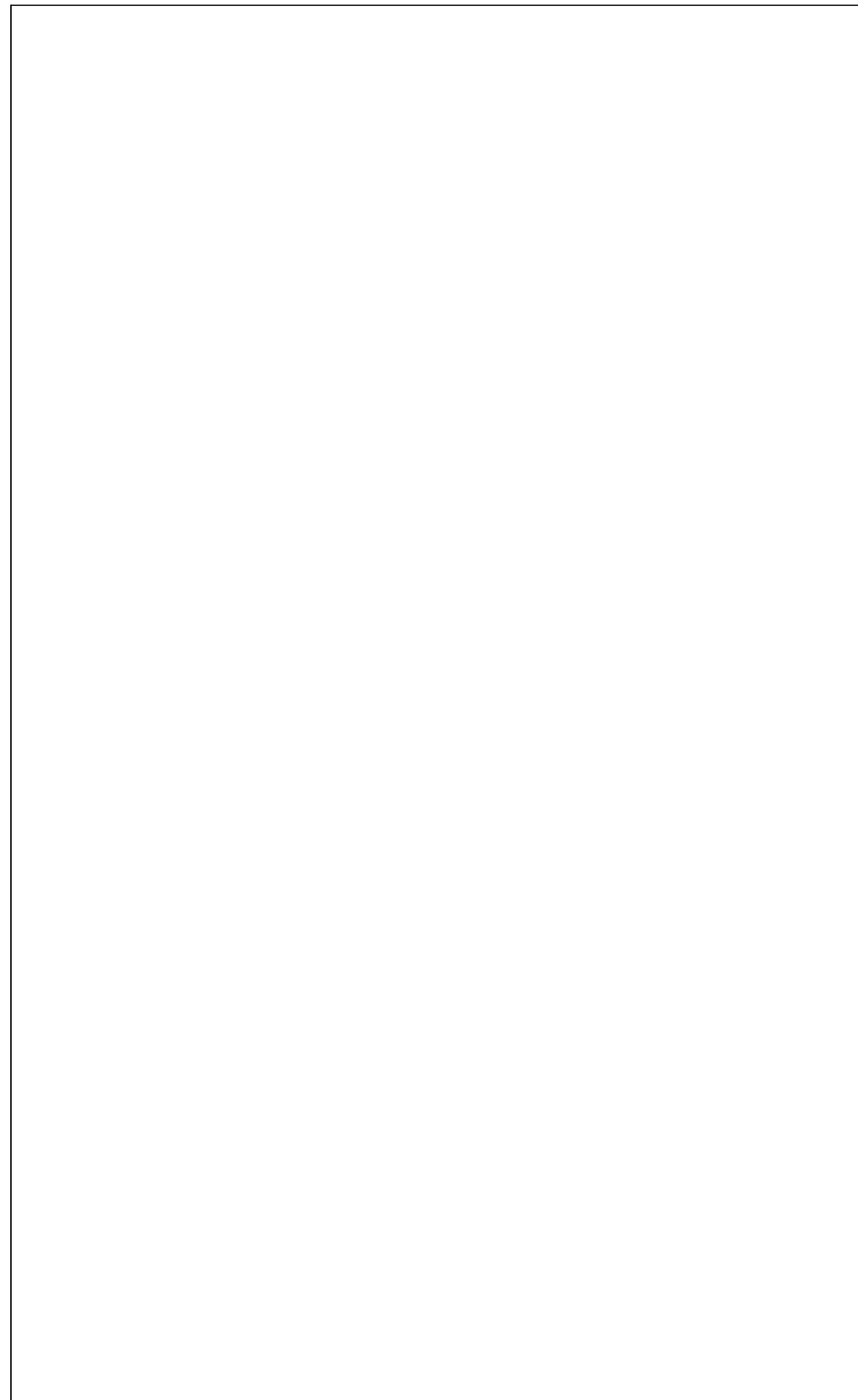
Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

Drawing Title
**EAST - WEST SECTION
 THROUGH HYBRID OR SUITE
 LOOKING NORTH & SOUTH**

Check Scale (may be photo reduced)

Project No. ONBL19-0186

Drawing No. A30-03



DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
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Keyplan

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Project Leader L.LE	Checked D.WITALEC/A.SHVETS

Client
Sunnybrook
HEALTH SCIENCES CENTRE
2075 BAYVIEW AVENUE, TORONTO, ON.
M4N 3M5

Project
**M-WING LEVEL 2
HYBRID OPERATING ROOM**

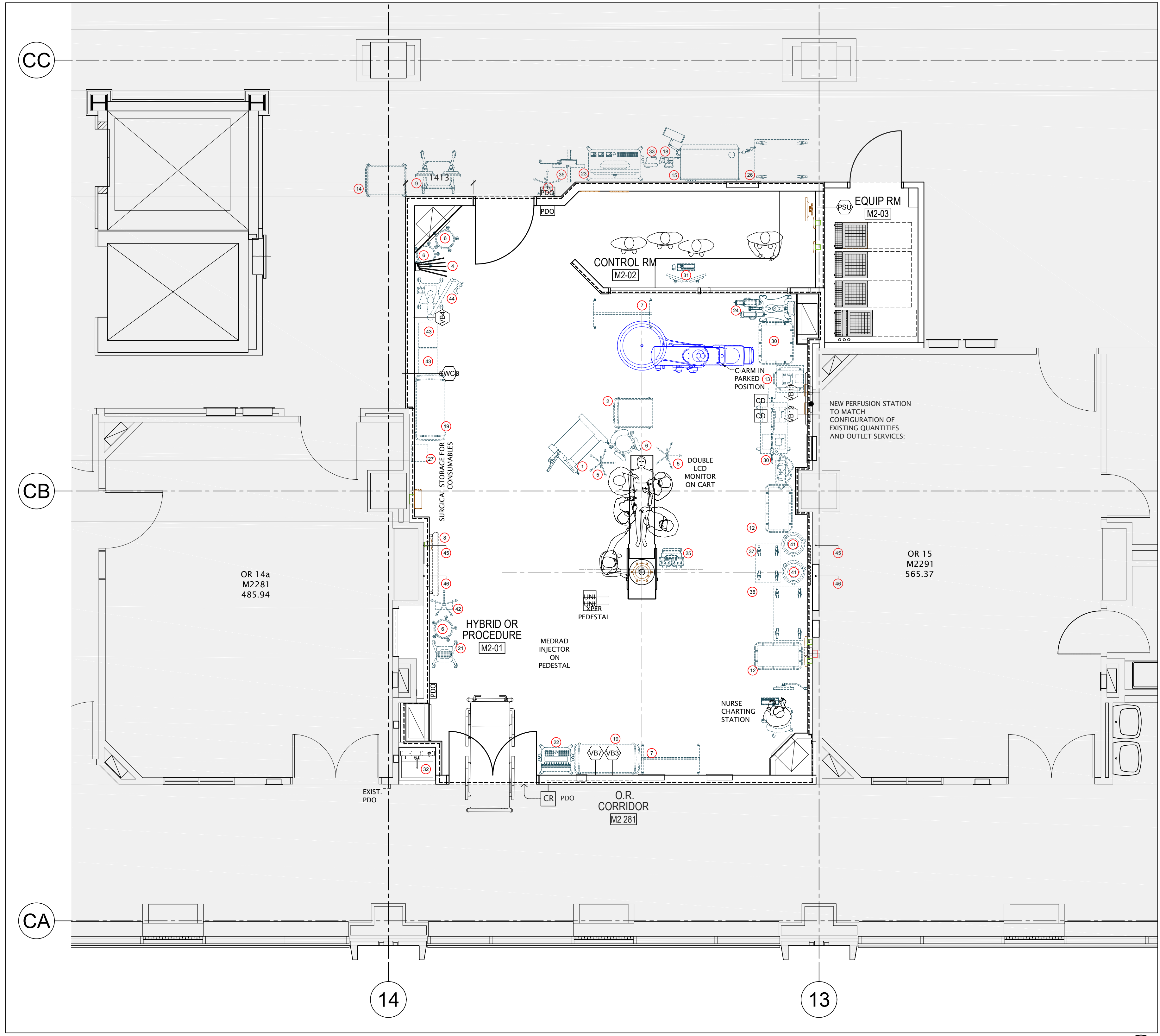
Drawing Title
INTERIOR ROOM ELEVATIONS

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

Project No. ONBL19-0186
Drawing No. A35-01

EQUIPMENT LEGEND			HOSPITAL SUPPLIED AND INSTALLED EQUIPMENT			HOSPITAL SUPPLIED AND CONTRACTOR INSTALLED EQUIPMENT			CONTRACTOR SUPPLIED AND INSTALLED EQUIPMENT		
① ANAESTHESIA MACHINE	⑩ HEART & LUNG MACHINE	⑲ PACS FOR DICOM IMAGES	⑤ IV POLES	⑭ SCRUB SINK	① PHILLIPS MONITOR 58" LED	② SCRUB SINK	① ANAESTHESIA CART	⑩ BRONCHO & LIGHT SOURCE	⑲ GLIDOSCOPE	⑤ PHILLIPS DUAL MNTR 27" LED	② ELAPSED TIME CLOCK
② CHAIR WITH ARM	⑪ SURGICAL SUPPLY STORAGE	⑳ TRANSFUSION PUMP, HIGH VOLUME	⑥ PHILLIPS MEDRAD INJECT PED	③ WALL CLOCK	② PHILLIPS XPER PEDESTAL	③ WALL CLOCK	③ LEAD APRON	⑪ MOBILE SHARPS CONTAINER	⑳ INSTRMNT BACK TABLE LONG 24X45	③ ADU MACHINE	
④ STOOLS & SURGICAL CHAIRS	⑫ ULTRASOUND MACHINE	㉑ INSTRMNT BACK TABLE EVAR 20X32	⑦ PHILLIPS MEDRAD INJECT PED				④ MOBILE XRAY PROT SHIELD	⑫ 3D TRANSES ECHO MACHINE	㉒ HANDHELD DOPPLER ON POLE		
⑦ CASE CART (21X38)	⑬ IV FLUID WARMER	㉓ SPONGE BUCKET	⑧ PHILLIPS XPER PEDESTAL				⑤ HEATER/COOLER (MAQUET)	⑬ INSTRMNT HIGH TABLE 34"x45"	㉔ PREP TABLE 20X15		
⑩ CRASH CART (24X31)	⑭ PERFUSSION CART	㉕ MICROSCOPE ZEISS-MOVENA									

EQUIPMENT NO. LEGEND 3
A90-00



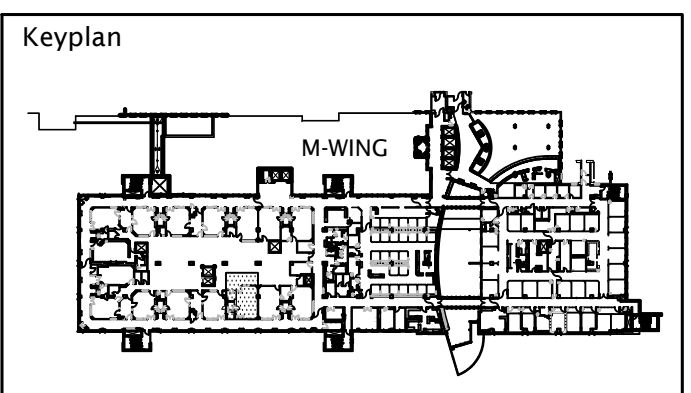
RESERVED 2
1:50 A90-00

HYBRID OR SUITE M2 EQUIPMENT PLAN 1
1:50 A90-00

DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
2020-07-28	TENDER	0

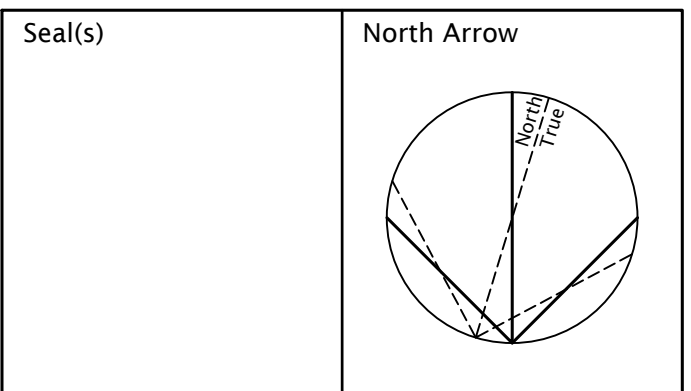
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Client
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HEALTH SCIENCES CENTRE
2075 BAYVIEW AVENUE, TORONTO, ON.
M4N 3M5

Project
**M-WING LEVEL 2
HYBRID OPERATING ROOM**

Drawing Title
HYBRID OR SUITE M2
EQUIPMENT PLAN,
EQUIPMENT LEGEND



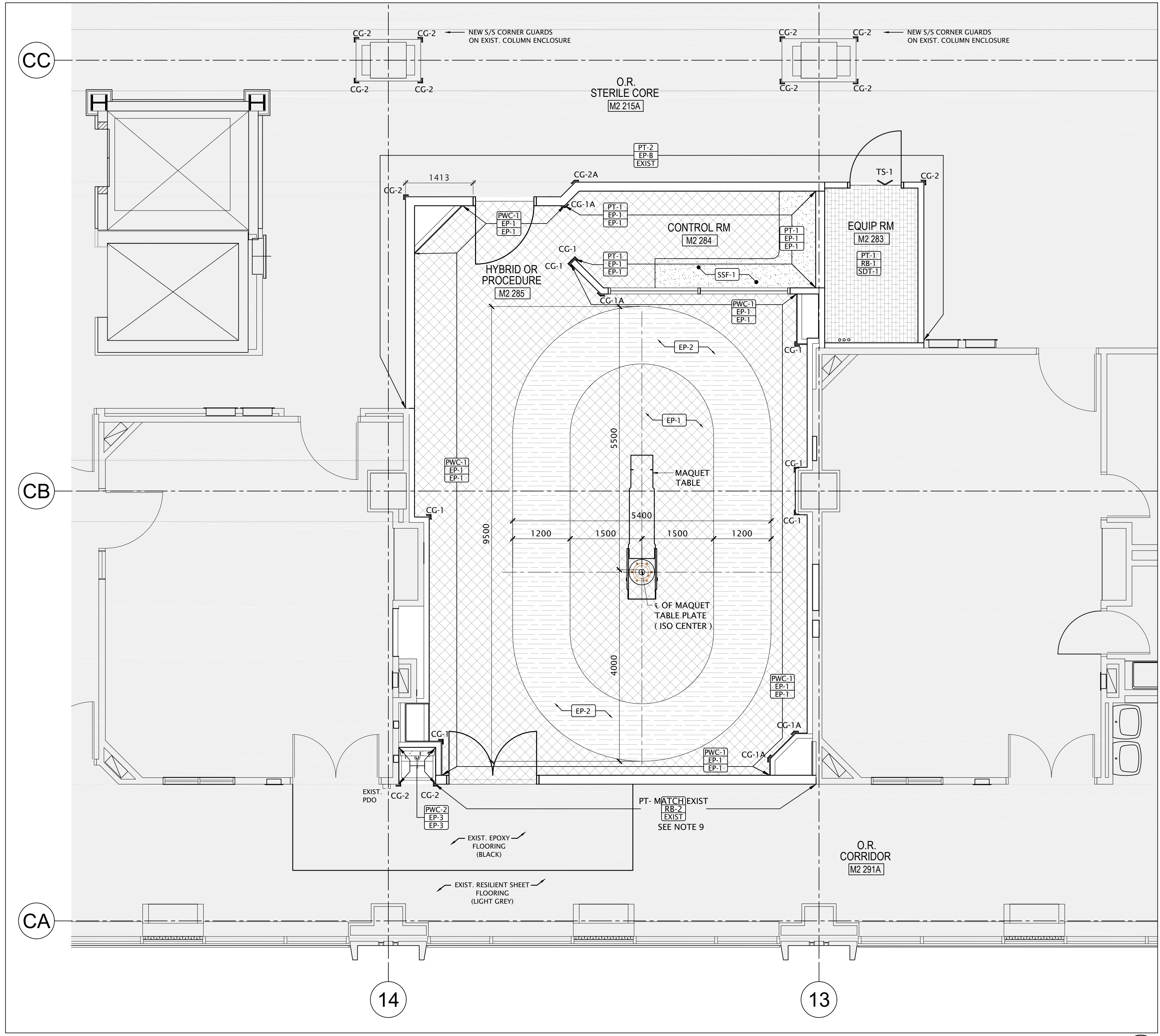
Project No. ONBL19-0186

Drawing No. **A90-00**

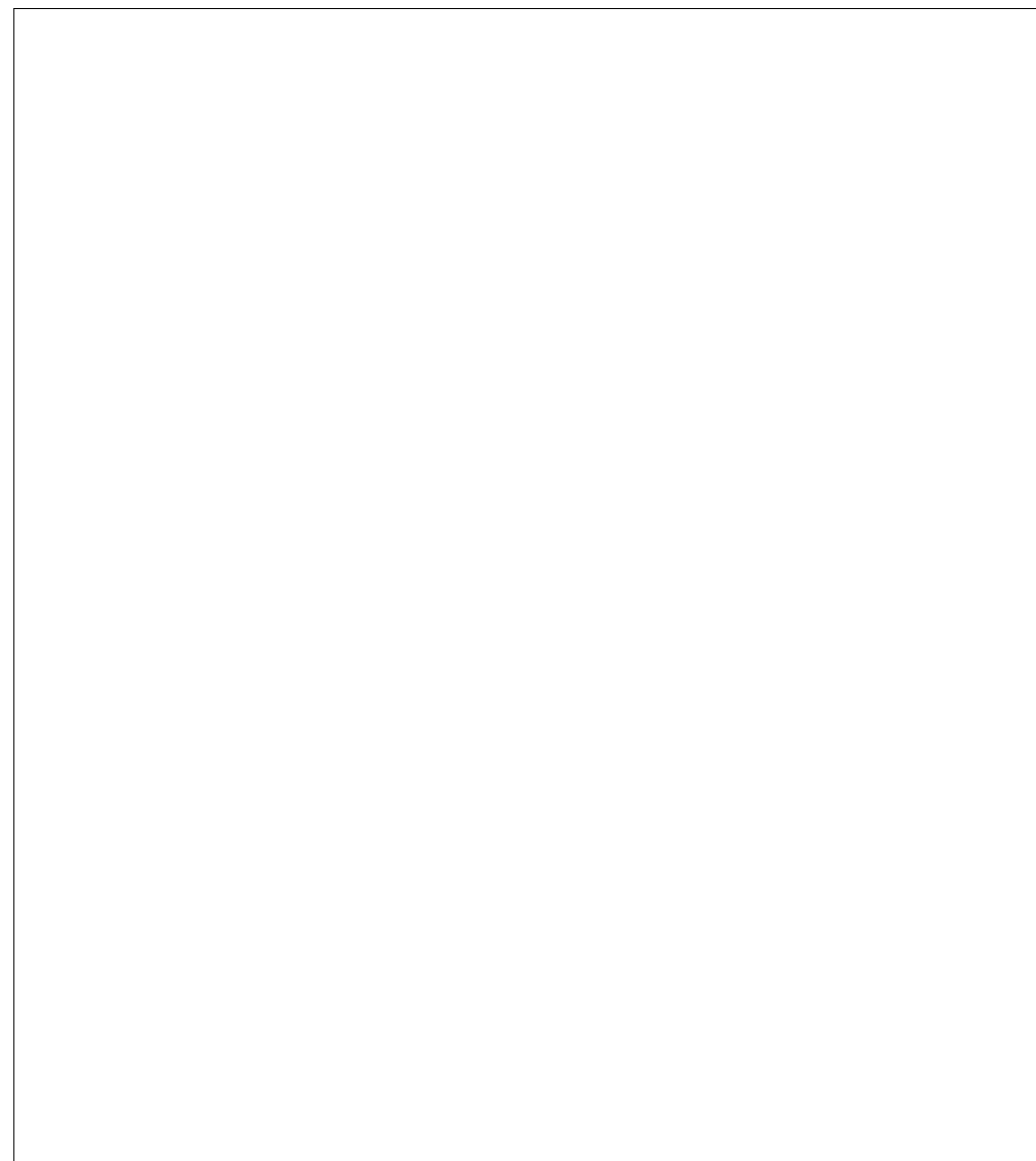
FINISHES PLAN LEGEND:	
PT-1 RB-1 SDT-1	WALL FINISH BASE FINISH FLOOR FINISH
SSF-1	SURFACE FINISH
CG-1	90° ANGLE BULLNOSE CORNER GUARD
CG-2	90° ANGLE STAINLESS STEEL CORNER GUARD
CG-3	135° ANGLE BULLNOSE CORNER GUARD
CG-4	135° ANGLE STAINLESS STEEL CORNER GUARD
TS-#	TRANSITION STRIP
[Pattern]	SOLID SURFACE COUNTERTOP
[Pattern]	AREA NOT IN CONTRACT
[Pattern]	STATIC DISSIPATIVE FLOORING
[Pattern]	EPOXY FLOORING NO. 1
[Pattern]	EPOXY FLOORING NO. 2

- FINISHES PLAN NOTES:**
- PATCH AND MAKE GOOD ALL EXISTING WALL SURFACES TO RECEIVE NEW FINISHES.
 - PROVIDE ALL LABOUR, MATERIALS, PRODUCTS, EQUIPMENT & SERVICES REQUIRED TO INSTALL NEW FINISHES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTION.
 - REFER TO FINISHES SCHEDULE FOR ALL FINISHES SPECIFICATIONS.
 - WHEN ONE WALL FINISH IS INDICATED WITHIN ENCLOSED AREA, THIS FINISH MUST BE APPLIED TO ALL WALLS, UNLESS NOTED OTHERWISE.
 - CHANGES IN FLOOR FINISHES TO OCCUR UNDER CENTER LINE OF DOOR THICKNESS UNLESS NOTED OTHERWISE.
 - REFER TO ELEVATIONS FOR FINISH PLACEMENT AND EXTENTS.
 - ALL WALL BASE TO BE INTEGRAL 150mm OF HEIGHT, UNLESS NOTED OTHERWISE.
 - FIBRE REINFORCED EPOXY WALL COATING FINISH - (FRE) TO BE APPLIED ON ALL WALLS UNLESS NOTED OTHERWISE.
 - PAINT ALL NEW WALL SURFACES WITHIN THE OR CORRIDOR M2 291A TO MATCH ADJACENT EXISTING. HEIGHT AND COLOUR OF WALL PROTECTION TO MATCH EXISTING.

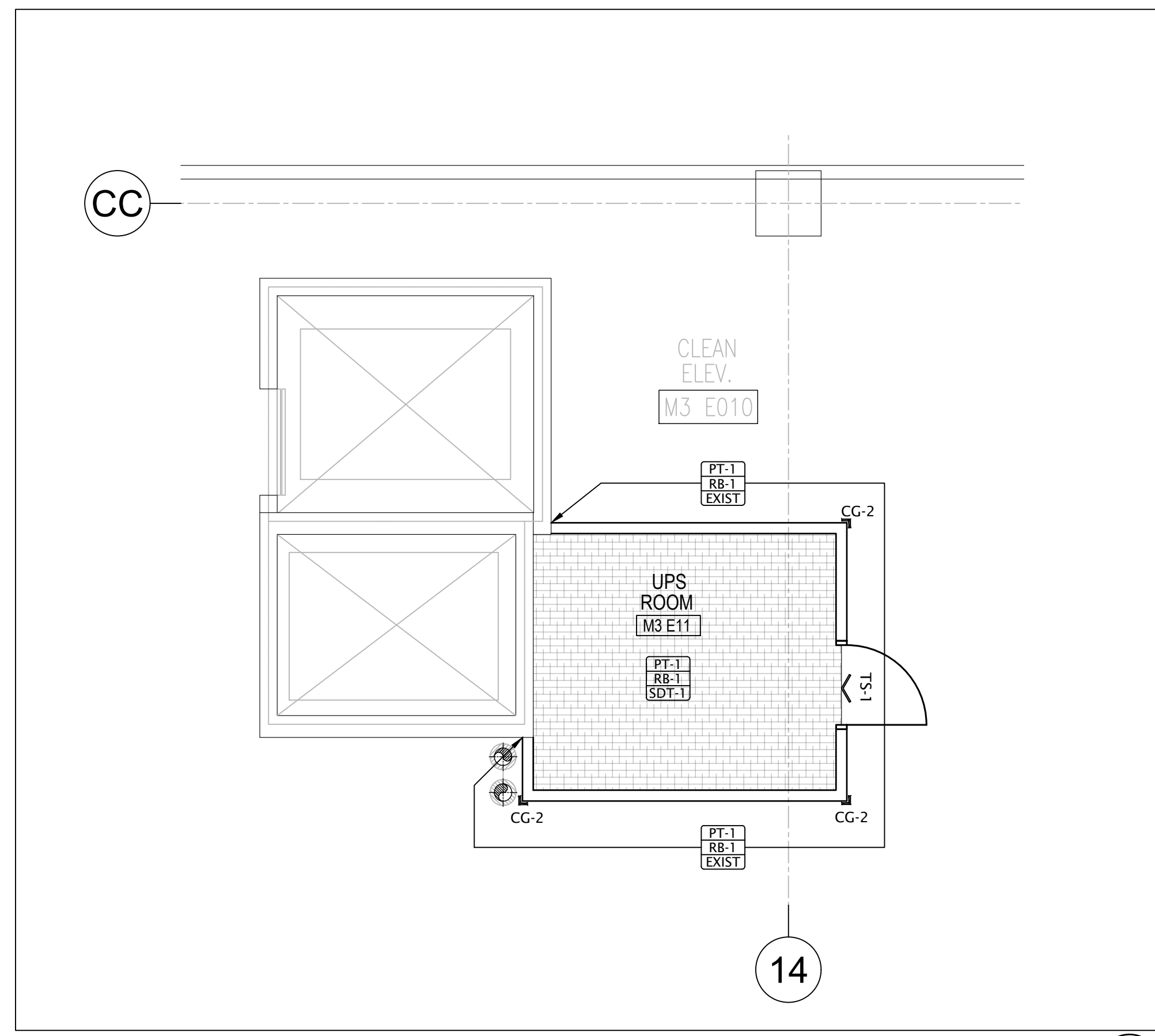
FINISHES PLAN LEGEND 3
A90-01



HYBRID OR SUITE M2 FINISHES PLAN 1
1:50 A90-01



RESERVED 4
A90-01

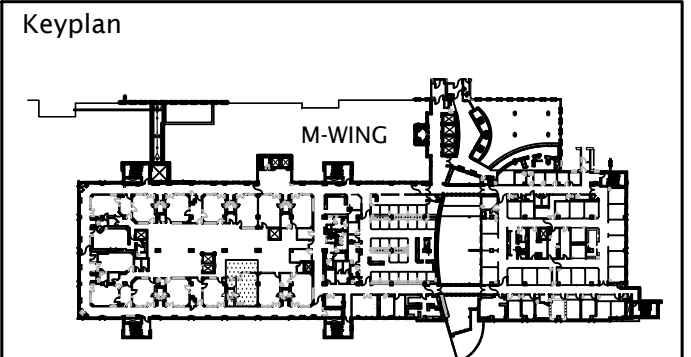


UPS ROOM M3 FINISHES PLAN 1
1:50 A90-01

DATE	ISSUED FOR	REV
2020-03-02	CD PHASE-STAKEHOLDER SIGN-OFF	A
2020-03-02	COSTING SUBMISSION	B
2020-03-23	PERMIT	C
2020-07-28	TENDER	0

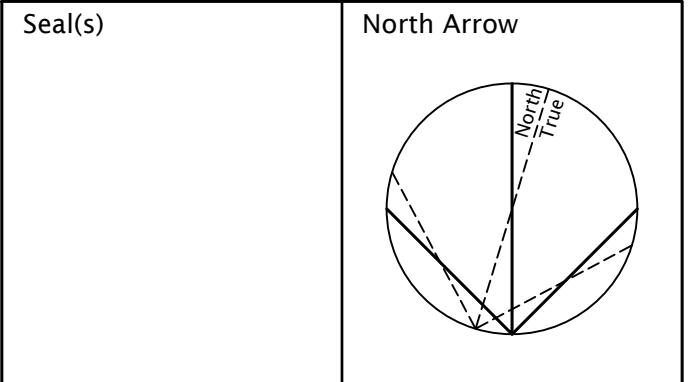
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Project
**M-WING LEVEL 2
 HYBRID OPERATING ROOM**

Drawing Title
 HYBRID OR M2 FINISHES PLAN
 AND LEGEND



Project No. ONBL19-0186

Drawing No. **A90-01**