

THE FOLLOWING NOTES AND DRAWINGS ARE INTENDED TO ASSIST THE CONTRACTOR IN DETERMINING THE EXTENT OF DEMOLITION AND REPAIR WORK NECESSARY IN ORDER TO CONSTRUCT THE NEW WORK CONTAINED IN THE FOLLOWING CONTRACT DOCUMENTS. THE DEMOLITION SHOWN INCLUDES BUT IS NOT NECESSARILY LIMITED TO THE NOTES INDICATED ON THESE DRAWINGS.

GENERAL NOTES:

- REFER TO MECHANICAL & ELECTRICAL FOR REMOVAL OF DUCTS, FANS, LIGHTS, PANELS, PLUMBING FIXTURES, FLOOR DRAINS, ETC.
- REFER TO STRUCTURAL AND MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF REMOVED FLOOR AND CEILING OPENINGS.
- REFER TO STRUCTURAL DRAWINGS & SPECIFICATIONS FOR REPAIR OF EXISTING CONCRETE SLAB - TYPICAL.
- OWNER TO HAVE RIGHT OF FIRST REFUSAL FOR ALL ITEMS INDICATED TO BE REMOVED FROM AREA OF RENOVATION, INCLUDING PLUMBING FIXTURES, ELECTRICAL, HVAC, SPECIALTIES AND ACCESSORIES ETC. (THE OWNER WILL TAG ALL EQUIPMENT TO BE SALVAGED).
- COORDINATE EXISTING SERVICES AND DUCTWORK TO REMAIN IN CEILING WITH MECHANICAL AND ELECTRICAL.
- PATCH AND REPAIR ALL EXISTING SURFACES WHICH ARE TO RECEIVE NEW FINISHES AND SURFACES AFFECTED OR DAMAGED BY DEMOLITION.
- THE CONTRACTOR SHALL REPAIR ALL EXISTING CONSTRUCTION WHERE DEMOLITION OCCURS TO MATCH EXISTING CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY THE CONTRACT ADMINISTRATOR OF ALL CONDITIONS UNCOVERED DURING DEMOLITION WHICH MAY ADVERSELY AFFECT THE INSTALLATION OR PERFORMANCE OF NEW CONSTRUCTION OR FINISHES.
- MAINTAIN THE INTEGRITY OF EXISTING FIRE RATED SEPARATIONS WHERE DEMOLITION AND/OR NEW CONSTRUCTION OCCURS (FIRESTOPPING AS REQUIRED).
- REVIEW THE ASBESTOS REPORT IN APPENDIX A OF THE SPECIFICATIONS FOR ALL BUILDING AREAS WHERE DEMOLITION OCCURS OR CEILING ACCESS IS REQUIRED.
- REMOVE ALL WALL SIGNAGE IN AREAS BEING DEMOLISHED AND RETAIN FOR OWNER'S FIRST REFUSAL.
- ALL EXISTING DOOR HARDWARE TO BE SALVAGED AND RETURNED TO OWNER.
- CAUTION: MASTIC DUCT SEALANT MAY CONTAIN ASBESTOS. SEE ASBESTOS ASSESSMENT APPENDIX A SAMPLE 003 IN BID OPPORTUNITY. REMOVE ASBESTOS CONTAINING MATERIALS IN ACCORDANCE WITH MANITOBA WORKPLACE HEALTH AND SAFETY REGULATIONS.

DEMOLITION NOTES:

(DEMOLITION AND REPAIR FOR THE PARTIAL CRAWL SPACE AND MAIN FLOOR DEMOLITION PLANS)

- REMOVE EXISTING CONCRETE CURB AND PATCH FLOOR.
- REMOVE EXISTING DOOR, HARDWARE AND FRAME. PATCH AND REPAIR WALL ON BOTH SIDES INCLUDING THE BULKHEAD AFTER REMOVAL.
- REMOVE EXISTING FLOOR DRAIN AND PATCH WITH NEW CONCRETE FILL.
- EXISTING FLOOR DRAIN TO BE REPLACED - REFER TO MECH.
- REMOVE EXISTING CONCRETE BLOCK WALL AND PATCH/REPAIR EXISTING CONCRETE FLOOR. TO RECEIVE NEW FLOOR FINISH AS SPECIFIED.
- FILL IN ANY REMAINING HOLES AND OPENINGS IN EXISTING CONCRETE SLAB. FOR LARGER OPENINGS SECURE METAL PLATES AT BOTTOM TO SECURE CONCRETE.
- HOARDING ENCLOSURE.
- REMOVE EXISTING LOUVER AND FINISH EDGES OF REMAINING OPENING SMOOTH.
- REMOVE EXISTING DUCTWORK AND FINISH EDGES OF REMAINING OPENING SMOOTH.

EQUIPMENT REMOVAL NOTES:

INTERIOR:

- ▲ REMOVE HUMIDIFIER CONTROL BOX AND MOVE TO THE STORAGE ROOM OF THE EXISTING PRE-AERATION/GRIT REMOVAL BUILDING. REMOVE ASSOCIATED SERVICE LINES AND FILL IN OPENINGS IN FLOOR, WALLS AND CEILING. LEVEL TO ADJACENT SURFACE.
- ▲ DESK TO BE REMOVED BY OWNER - N.I.C.
- ▲ COMPUTER WORK STATION TO BE REMOVED BY OWNER - N.I.C.
- ▲ BALANCE 1 TO BE REMOVED BY OWNER - N.I.C.
- ▲ TABLE TO BE REMOVED BY OWNER - N.I.C.
- ▲ LABEL PRINTER TO BE REMOVED BY OWNER - N.I.C.
- ▲ REMOVE AND DISPOSE OF EXISTING EYEWASH STATION AND ASSOCIATED LINES TO SURFACE OF SURROUNDING WALLS AND FLOOR. FILL IN LEVEL WITH EXISTING SURROUNDING SURFACE.
- ▲ REMOVE EXISTING FIRE EXTINGUISHER AND REINSTALL ON WEST WALL AS DIRECTED BY CONTRACT ADMINISTRATOR.
- ▲ REMOVE EXISTING INCUBATORS TO ADJACENT LABORATORY ROOMS AS DIRECTED BY THE CONTRACT ADMINISTRATOR. RELOCATE INCUBATORS TO THE WEST WALL OF THIS RENOVATED SPACE.
- ▲ REMOVE EXISTING FRIDGE TO THE ADJACENT LABORATORY ROOM AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
- ▲ EXISTING WATER BATH NO. 14 TO BE REMOVED BY OWNER N.I.C.
- ▲ BALANCE 2 TO BE REMOVED BY OWNER.
- ▲ AUTO SHAKER/STIRRER TO BE REMOVED BY OWNER.
- ▲ REMOVE HOSE BIB AND ASSOCIATED SERVICE LINES AND FILL IN WALL LEVEL WITH ADJACENT SURFACE.
- ▲ REMOVE EXISTING STORAGE CABINET AND MOVE TO THE STORAGE ROOM IN THE EXISTING PRE-AERATION/GRIT REMOVAL BUILDING.
- ▲ HEATING BLOCK TO BE REMOVED BY OWNER.
- ▲ REMOVE WATER FILTER SYSTEM (MILLO) AND ASSOCIATED SERVICE LINES AND MOVE TO THE STORAGE ROOM IN THE EXISTING PRE-AERATION/GRIT REMOVAL BUILDING.
- ▲ REMOVE LEAD CONTROL PROGRAM TEST LOOPS, TANKS AND STEEL SUPPORT. THIS ITEM TO BE MOVED IN ONE PIECE AND CANNOT BE REASSEMBLED. RELOCATE TEST LOOPS, TANKS, AND STEEL SUPPORT TO THE STORAGE ROOM IN THE EXISTING DEWATERING BUILDING. THIS IS THE FIRST ITEM TO BE REMOVED. REMOVE ASSOCIATED SERVICE LINES AND FILL IN OPENING IN FLOOR AND WALLS. LEVEL TO ADJACENT SURFACE.
- ▲ GRINDER TO BE REMOVED BY OWNER N.I.C.
- ▲ REMOVE EXISTING LAB BENCH AND MOVE TO THE EXISTING STORAGE ROOM IN THE EXISTING PRE-AERATION/GRIT REMOVAL BUILDING.
- ▲ REMOVE EXISTING ANALYTICAL BALANCE BENCH AND MOVE TO THE EXISTING STORAGE ROOM IN THE EXISTING PRE-AERATION/GRIT REMOVAL BUILDING.
- ▲ REMOVE AND DISPOSE OF CENTRAL VACUUM AND ASSOCIATED SERVICE LINES. FILL IN EXISTING HOLES IN WALLS AND CEILING.
- ▲ REMOVE EXISTING CABINET AND MOVE TO THE EXISTING STORAGE ROOM IN THE EXISTING PRE-AERATION/GRIT REMOVAL BUILDING.
- ▲ REMOVE EXISTING LAB OVEN AND MOVE TO THE EXISTING STORAGE ROOM IN THE EXISTING PRE-AERATION/GRIT REMOVAL BUILDING.
- ▲ REMOVE EXISTING SHAPLIER SUPPLY STORAGE AND MOVE TO THE EXISTING STORAGE ROOM IN THE EXISTING PRE-AERATION/GRIT REMOVAL BUILDING.
- ▲ REMOVE AND DISPOSE OF EXISTING HOT WATER TANK, SHELVING SYSTEM AND ASSOCIATED SERVICE LINES AND FILL IN WALL LEVEL WITH ADJACENT SURFACE.
- ▲ CHAIR TO BE REMOVED BY OWNER - N.I.C.
- ▲ REMOVE EXISTING ANALYTICAL BALANCE BENCH AND MOVE TO THE EXISTING STORAGE ROOM IN THE EXISTING PRE-AERATION/GRIT REMOVAL BUILDING.

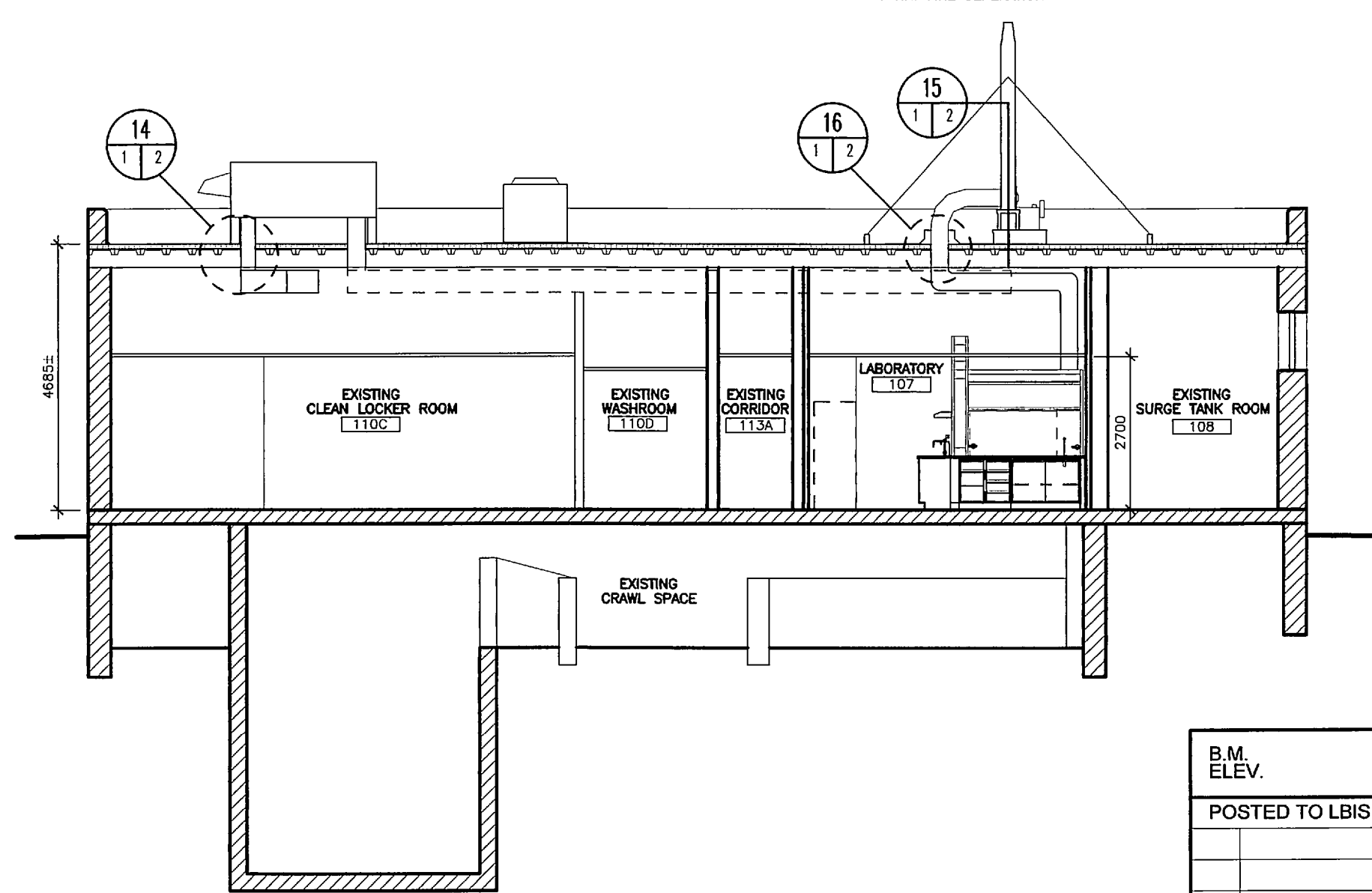
MAIN FLOOR PLAN NOTES:

- ◆ PHENOLIC DIVIDERS ON FLOOR MOUNTED METAL SUPPORT.
- ◆ NEW FLOOR DRAINS TO REPLACE EXISTING - REFER TO MECH.

THE CITY REQUIRES THE USE OF THE EXISTING SHOWER ROOM (1108), EXISTING CLEAN LOCKER ROOM (1100) AND EXISTING WASHROOM (1102) AT THE BEGINNING AND END OF EACH WORK DAY FOR CITY PERSONNEL TO SHOWER AND CHANGE. WORK IN ROOMS 1100, 1102 AND 1108 IS RESTRICTED TO BETWEEN 8:00 AND 18:30 HOURS TO ACCOMMODATE CITY USE OF THE FACILITY. CLEAN UP WASTE AND DEBRIS AT THE END OF EACH WORK DAY AND LEAVE THE ROOMS IN WORKING ORDER. ALTERNATIVELY, WORK IN ROOMS 1100, 1102 AND 1108 CAN BE PERFORMED - IN THE EVENING OR THE WEEKEND.

INTERIOR WALL TYPES:

- Ⓛ 190 mm CONCRETE MASONRY UNITS
- NOTE: PLASTER FINISH ON EXISTING PUMP ROOM SIDE TO MATCH EXISTING. FEATHER OUT TO ADJACENT EXISTING PLASTER WALL SURFACES.
- Ⓛ 16 mm FIRE RATED GYPSUM BOARD ONE SIDE
- 20GA. 64 mm STEEL STUDS @ 400 mm O.C.
- 1 HR. FIRE SEPARATION



BUILDING SECTION
SCALE 1:100

MAIN FLOOR REFLECTED CEILING PLAN NOTES:

- ◆ REUSE EXISTING MECHANICAL DIFFUSERS AND PLACE BACK IN CEILING AFTER NEW DUCTWORK HAS BEEN INSTALLED.
- ◆ VERTICAL SHELF SUPPORT BY LAB BENCH SUPPLIER COMPLETE WITH FINISHED TRIM.
- ◆ FUME HOOD ENCLOSURE BY LAB BENCH SUPPLIER COMPLETE WITH TRIM.
- ◆ EXISTING CEILING TO BE REMOVED TO INSTALL NEW MECHANICAL AND ELECTRICAL SERVICE LINES. REINSTALL EXISTING TILE AND REPLACE ANY DAMAGED CEILING TILES IF NECESSARY.

ACS ACOUSTIC CEILING SYSTEM 09 51 00

REFLECTED CEILING SYMBOLS

- Ⓛ RECESSED FLUORESCENT LIGHT FIXTURE
- Ⓛ SUPPLY AIR DIFFUSER
- Ⓛ RETURN AIR / EXHAUST GRILLE
- Ⓛ SMOKE DETECTOR
- Ⓛ SPEAKER

ROOF PLAN NOTES:

- ◆ EXISTING STEEL ROOF LADDER WITH FALL PROTECTION TO REMAIN.
- ◆ NEW AIR HANDLING UNIT (AHU) ON NEW ROOF CURB - REFER TO MECH. REUSE EXISTING OPENING TO ACCOMMODATE DUCTWORK AND SERVICE LINES. REFER TO DETAIL 14 ON DRAWING A2.
- ◆ NEW CONDENSER UNIT - REFER TO MECH.
- ◆ REUSE THE EXISTING OPENING FOR NEW EXHAUST FAN FOR LAB. PATCH AND REPAIR WITH NEW METAL FLASHING AND EXISTING ROOF AS REQUIRED - REFER TO MECH.
- ◆ REUSE THE EXISTING OPENING FOR NEW EXHAUST FAN FOR FUME HOOD. PROVIDE NEW METAL FLASHING TO SUIT CONFIGURATION OF RISER AND PATCH EXISTING ROOF AS REQUIRED - REFER TO MECH.
- ◆ NEW FUME HOOD EXHAUST FAN ON NEW CURB - REFER TO DETAIL 15 ON DRAWING A2 - REFER TO MECH.
- ◆ PROVIDE NEW GUY WIRES FOR FUME HOOD EXHAUST FAN - SECURE TO EXISTING ROOF ANCHORS. CONFIRM LOCATIONS ON SITE.
- ◆ PROVIDE QUANTITY 2 RECYCLED RUBBER PADS (DISTRIBUTED BY ROOFMART) FOR SUPPORT UNDER CONDENSER UNIT. REST PADS DIRECTLY ON THE EXISTING ROOF. PAD SIZES: 1219mm X 1829mm X 16mm THICK.
- ◆ PROVIDE QUANTITY 3 RECYCLED RUBBER PADS (DISTRIBUTED BY ROOFMART) FOR SUPPORT UNDER CONDENSER UNIT. REST PADS DIRECTLY ON THE EXISTING ROOF. PAD SIZES: 1219mm X 1829mm X 16mm THICK.



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POSTED TO LBIS			DESIGNED BY	CHECKED BY				CONSULTANT DRAWING NO.
		DRAWN BY JM	APPROVED BY	A1	1-0101M-80002-001-01			
2 ISSUED FOR FINAL REVIEW	30/08/11	JM	HOR. SCALE	RELEASED FOR CONSTRUCTION				
1 ISSUED FOR REVIEW	06/06/11	JM	VERTICAL					
NO. REVISIONS	DATE	BY	DATE	DATE				