



**Royal Canadian Mounted Police**  
**Gendarmerie royale du Canada**

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Attn: Megan McCoy (613) 843-3798

**AMENDMENT TO THE INVITATION TO TENDER**

**Royal Canadian Mounted Police**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services and construction listed herein and on any attached sheets at the price(s) set out therefore.

**MODIFICATION À L'APPEL D'OFFRES**

**Gendarmerie royale du Canada**

Nous offrons par la présente de vendre à Sa Majesté I Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments – Commentaries

**Vendor/Firm Name and Address**

**Raison sociale et adresse du fournisseur/de l'entrepreneur**

Telephone No. – No de téléphone:

( )

Facsimile No. – No de télécopieur:

( )

<b>Title-Sujet</b> RCMP B Block Redevelopment		
<b>Solicitation No. – No. de l'invitation</b> 201405073	<b>Amend. – Modif.</b> No. : 3	<b>Date</b> March 17, 2014
<b>Client Reference No. - No. de Référence du Client</b> 201405073		
<b>GETS Reference No. – No de Référence du SEAG</b> 201405073		
<b>Solicitation Closes – L'invitation prend fin</b> <b>at - à 2 :00 pm EST</b> <b>on - le March 24th, 2014</b>		
<b>F.O.B. - F.A.B.</b> Destination		
<b>Address Enquiries to: - Adresser toute questions à :</b> Eric Glynn – Manager - Procurement		
<b>Telephone No. - No de téléphone</b> 613-843-5533	<b>Fax:</b> 613-825-0082	
<b>Destination of Goods - Destinations des biens:</b> See Herein		
<b>Instructions : See Herein / Voir aux présentes</b>		
<b>Delivery Required – Livraison exigée:</b> See Herein		
<b>Name and Title of person authorized to sign on behalf of Vendor/Firm.</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur</b>		



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Amendment #3 of Solicitation 201405073 has been issued to provide Addendum #2 to the Specifications and Drawings.

**ADDENDUM NUMBER: TWO****ISSUED BY: SEPW Architecture Inc.**  
109 - 3725 Pasqua St., Regina, SK S4S 6W8  
PH. (306) 569-2255**PROJECT: SHARED LEARNING FACILITY  
REGINA, SK**

This Addendum forms part of the Contract Documents and amends the original Drawings and Specifications dated 2014-01-17, previous Addenda if applicable and as noted below. This Addendum consists of 9 pages and attached Specification Sections and Drawings as listed below.

Ensure that all parties are aware of all items included in this Addendum.

**The following revised or additional Specification Sections accompany and form an integral part of this Addendum:**

Section No.	Title	Pages	Date of Issue
09 06 01	Room Finish Schedule (Revision 1)	9	2014-03-13

**The following revised or additional Drawings accompany and form an integral part of this Addendum:**

Dwg. No.	Title	Date of Issue
A2.5	First Floor Reflected Ceiling Demolition Plan (Revision 1)	2014-03-13
A2.6	Second Floor Reflected Ceiling Demolition Plan (Revision 1)	2014-03-13
A2.14	First Floor Plan, Reflected Ceiling Plan (Revision 1)	2014-03-13
A2.15	Second Floor Plan, Reflected Ceiling Plan (Revision 1)	2014-03-13
AR16	First Floor Bulkhead Detail	2014-03-13
AR17	Furred Beam Detail	2014-03-13
AR18	Signage Elevations	2014-03-13
AR19	Elevation at Removed/New Electrical Panels	2014-03-13
AR20	Details at Removed/New Electrical Panels	2014-03-13
M2-6	First Floor Plan Mechanical Demolition	2014-03-11
M2-7	Second Floor Plan Mechanical Demolition	2014-03-11
M3-2R1	First Floor Plan Fire Protection	2014-03-11
M3-3R1	Second Floor Plan Fire Protection	2014-03-11
M4-3	First Floor Plan Plumbing Revisions, Heating Revisions, and Ventilation Revisions	2014-03-11
M4-4	Second Floor Plan Plumbing Revisions, Heating Revisions, and Ventilation Revisions	2014-03-11
E5.2R2	Wiremold Raceway Detail	2014-03-11
E5.2R3	Low Voltage Lighting Control Detail	2014-03-11
E6.1	First Floor Lighting/Power Plan	2014-03-11
E6.2	Second Floor Lighting/Power Plan	2014-03-11

**A2-1 REF. SECTION 01 11 00, SUMMARY OF WORK**

.1 ADD the following paragraph

1.2.2 The first priority of the Work is to complete the third and fourth floor tenant improvements. Successful Contractor is to incorporate priority work into their Construction Schedule.

**A2-2 REF. SECTION 01 14 00, WORK RESTRICTIONS**

.1 ADD the following paragraph:

1.8.2 There is currently another contractor in the building doing window replacement work. Coordinate work and cooperate with separate window installation contractor where work overlaps.

**A2-3 REF. SECTION 08 11 00, METAL DOORS AND FRAMES**

.1 2.2.3 DELETE this paragraph in its entirety.

**A2-4 REF. SECTION 08 90 10, DOOR, FRAME AND HARDWARE SCHEDULE**

.1 Door 380; REVISE Frame Type designation to 8. ADD to Comment column "See Detail 12 on Drawing A6.2 for insulated panels."

**A2-5 REF. SECTION 09 06 01, ROOM FINISH SCHEDULE**

.1 REPLACE this section in its entirety with the attached specification section (9 pages)

**A2-6 REF. SECTION 09 65 19, RESILIENT TILE FLOORING**

.1 2.1.1 ADD the following sentence to the end of the paragraph: "and two (2) accent colours (to be selected.)"

**A2-7 REF. SECTION 09 91 12, INTERIOR PAINTING**

.1 Add the following paragraph:

2.2.5 Colour schedule will be based upon selection of six base colours and six accent colours. No more than six colours will be selected in each area.

**A2-8 REF. SECTION 10 14 00, SIGNAGE**

.1 3.3 REVISE the following paragraphs to read:

.15 Door Release (A13): provide 13 wall plates.  
.16 Storage Room (A14): provide 13 wall plates.

.2 3.3.22 ADD the following signs:  
One additional B1 Medium Security sign.  
One additional B5 Control Post sign.  
One additional B6 Principle Entrance sign.

**A2-9 REF. SECTION 12 21 00, ROLLER SHADES**

- .1 2.1.2.4 REVISE the locations of the side channels. Side channels for the manual fabric shade system are only require for:
- Rooms 309, 313, 319, 323, 337, and 348;
  - Corridor 318 from Grid 10 to Grid 15;
  - Corridor 336 from Grid H to Grid Q; and
  - Corridor 361 from Grid H to Grid Q.
- All other areas noted for manual fabric shade system do not require side channels.
- .2 2.1.3.1 REVISE to read “Shade fabric: 35% fibreglass and 65% vinyl on fibreglass, mesh weight 471 g/m<sup>2</sup>, yarn diameter (inches) .011, fabric thickness 0.48 mm, openness factor 3%, UV blockage approximately 97%, breaking strength (lb) 255 warp and 325 fill. Colour to be selected from manufacturer’s standard range.”
- .3 2.1.3.2.1 REVISE to read “Phifer SheerWeave style 2410”
- .4 ADD the following paragraphs:
- 3.2.7 The fabric shall hang flat, without buckling or distortion. The edge, when trimmed, shall hang straight without raveling. Roller shade cloth shall roll true and straight, without shifting sideways more than 3mm in either direction due to warpage or weave design.
- 3.2.8 The fabric shall water fall towards the window.
- 3.2.9 The shade system shall extend the full width of the opening and is only to be split at locations in Rooms 307/309, Room 320/321, Room 347/348, and where required because a partition interrupts the window opening.

**A2-10 REF. SECTION 23 05 05, INSTALLATION OF PIPEWORK**

- .1 2.1.2 – Chilled Water: ADD the following, “Runouts under 50 mm, copper, soldered.”

**A2-11 REF. GENERAL**

- .1 All components and systems described in sections 27 52 00, 27 53 00, 28 54 00, 28 13 20, 28 23 00, and fence detection system detail shall be supplied by a systems provider that has had previous working experience on at least five (5) projects with Correctional Services Canada where their work encompassed at least one (1) entire system such as ICCS, Cell Door Control, PIDS, Video Surveillance, etc. and where they were required to provide a complete Design Report as outlined within the SOW0101 standard. Standard systems providers for various CSC systems include Marcomm Systems Group Inc, Senstar Perimeter Intrusion Detection and Security Solutions, and Delco Automation. All other potential systems providers wanting to be considered shall provide documentation proving that they meet the above required criteria prior to submitting on this tender.
- .2 Add drawings E6.1 and E6.2. These drawings detail new lighting plans and mechanical connections for floors 1 and 2.

**A2-12 REF. SECTION 26 05 01 COMMON WORK RESULTS**

- .1 REVISE 1.25.13 delete reference to engraved cover plates.
- .2 REVISE 1.26.6 all references to FT4 rating shall be changed to FT6 rating.

**A2-13 REF. SECTION 26 05 28 GROUNDING SECONDARY**

- .1 REVISE Section 3.1: Add requirement: All 120/208 volt and 347/600 volt wiring shall be run in rigid conduit, or may be run in EMT if a separate ground wire is run from the panel or switch to each piece of equipment. The ground conductor shall be connected to the housing of each piece of equipment and the outlet box. Where rigid conduit is employed, all terminations of these conduit runs are to be with double locknuts, grounding bushings with jumper wires run between the bushing lug and the box or panel enclosure. Care shall be taken in conduit runs to ensure that all rigid pipe couplings and fittings are wrench tight. Raceways and conduits shall not be used as bonds.

**A2-14 REF. SECTION 26 50 00 LIGHTING**

- .1 REVISE Elevator Pit Fixture Type PP to include Columbia Lighting 'VI' Series VL4 2 32 EU WL.
- .2 ADD Fixture Type DD2:  
Luminaire: Recessed fluorescent fixture suitable for inverted ceiling, 610 x 1219mm, hinged extruded steel flat frame, K12 acrylic diffuser (0.125" nominal).  
Lamps: 2 x 32 watt T8 lamps  
Ballast: Instant start electronic ballast, 120-volt.  
Manufacturer:  
Stanpro # F3TSB series or approved equal.

**A2-15 REF. SECTION 26 27 26 WIRING DEVICES**

- .1 REVISE 3.1.3 delete reference to fixed with self tapping screws. Self laminated, self adhesive labels are acceptable.

**A2-16 REF. SECTION 28 31 01 FIRE ALARM SYSTEMS**

- .1 DELETE 2.2.4 Reference for requirement for operator bypass control panel.
- .2 DELETE 2.2.11 entirely.
- .3 DELETE 2.4 entirely.
- .4 REVISE 3.3.3 labeling required for new devices only.
- .5 REVISE 3.2.5 labeling required for new only.
- .6 REVISE 2.5.9 delete reference to horn/strobe devices.

**A2-17 REF. DRAWING A2.1**

- .1 Reference Drawing 1, First Floor Demolition Plan; ADD the following note: "Carefully remove and salvage the most easterly window in Room 136 for new exhaust louvre. Hand over salvaged window to the Owner."

**A2-18 REF. DRAWING A2.5**

.1 REPLACE this drawing in its entirety with the drawing accompanying this addendum.

**A2-19 REF. DRAWING A2.6**

.1 REPLACE this drawing in its entirety with the drawing accompanying this addendum.

**A2-20 REF. DRAWING A2.9**

.1 Reference Drawing 2, First Floor Plan; ADD the following note: "Provide new louvre and wall infill in existing window opening in Room 135. Seal around perimeter inside and outside. Refer to Mechanical drawings and to Details 11 and 11a on Drawing A6.1."

.2 Reference Drawing 2, First Floor Plan; ADD the following note: "Furr in for full height of room, condensate lines dropping from the Second Floor using 16 type 'x' gypsum board on 64 steel studs. Paint entire furr out. Typical of three on the North wing. Match existing depth of adjacent existing column furr outs."

.3 Reference Addendum #1, Sketches AR13 and AR14; ADD general note on Drawing A2.9 "Provide finishing to exterior walls wherever bulkheads are removed to detail shown on AR13 and AR14."

**A2-21 REF. DRAWING A2.10**

.1 Reference Drawing 1, Second Floor Plan; ADD the following note: "Furr in condensate lines dropping to the First Floor using 16 type 'x' gypsum board on 64 steel studs. Paint entire furr out. Typical of three on the North wing. Match existing depth of adjacent existing column furr outs."

.2 Reference Drawing 1, Second Floor Plan; ADD the following note: "Insulate condensate lines dropping to the First Floor. Match adjacent existing pipe insulation. Typical of three on the South wing."

.3 Reference Drawing 1, Second Floor Plan; ADD the following note: "Extend furred out columns in Room 224 to the underside of the ceiling, located at the floor joists above. Match existing construction. Typical of 18 locations."

.4 Reference Addendum #1, Sketches AR13 and AR14; ADD general note on Drawing A2.10 "Provide finishing to exterior walls wherever bulkheads are removed to detail shown on AR13 and AR14."

**A2-22 REF. DRAWING A2.11**

.1 Reference Drawing 1, Third Floor Plan; REVISE the detail for the partition separating Room 347 and Room 348. The partition is to be installed centred on the window mullion and run into the window as per detail 7 on Drawing A6.1.

.2 Reference Drawing 1, Third Floor Plan; PROVIDE a one-hour fire rated duct shaft in Room 305 using shaft wall construction, to enclose the relocated ductwork. Paint all finish surfaces. Refer also to Mechanical. Provide ULC listed assemblies and installation information on rated enclosure prior to commencing work.

**A2-23 REF. DRAWING A2.12**

- .1 Reference Drawing 1, Fourth Floor Plan; PROVIDE a one-hour fire rated duct shaft in Room 403/405 using shaft wall construction, to enclose the relocated ductwork. Paint all finish surfaces. Refer also to Mechanical. Provide ULC listed assemblies and installation information on rated enclosure prior to commencing work.

**A2-24 REF. DRAWINGS A2.14 – A2.17 INCLUSIVE**

- .1 ADD the following general note: “Patch, repair and fire stop all new and existing penetrations of plaster ceiling where removals occur and as required for new equipment.”
- .2 PROVIDE 25mm diameter white PVC grommets at all cable suspension penetrations through acoustical ceiling tiles.

**A2-25 REF. DRAWINGS AR19 AND AR20**

- .1 Refer to Drawings E0.1 and E0.2 at existing electrical panel locations where modified by electrical work. Provide finishes as per AR19 and AR20 to suit conditions.

**A2-26 REF. DRAWING A2.14**

- .1 REPLACE this drawing in its entirety with the drawing accompanying this addendum.

**A2-27 REF. DRAWING A2.15**

- .1 REPLACE this drawing in its entirety with the drawing accompanying this addendum.

**A2-28 REF. DRAWING A7.1**

- .1 Reference Drawing 4, Signage Elevations; ADD additional wall plates as indicated on sketch AR18 accompanying this addendum.

**A2-29 REF. DRAWING M1-1**

- .1 General Mechanical Notes: DELETE, “exposed piping sanitary shall be cast iron.”

**A2-30 REF. DRAWING M2-6**

- .1 ADD Drawing M2-6 First Floor Plan Mechanical Demolition, accompanying this addendum, in its entirety.

**A2-31 REF. DRAWING M2-7**

- .1 ADD Drawing M2-7 Second Floor Plan Mechanical Demolition, accompanying this addendum, in its entirety.

**A2-32 REF. DRAWING M3-2**

- .1 REPLACE Drawing M3-2 in its entirety with Drawing M3-2R1 accompanying this addendum.



**A2-33 REF. DRAWING M3-3**

- .1 REPLACE Drawing M3-3 in its entirety with Drawing M3-3R1 accompanying this addendum.

**A2-34 REF DRAWING M4-3**

- .1 ADD Drawing M4-3 First Floor Plan Plumbing Revisions, Heating Revisions and Ventilation Revisions, accompanying this addendum, in its entirety.

**A2-35 REF. DRAWING M4-4**

- .1 ADD Drawing M4-4 Second Floor Plan Plumbing Revisions, Heating Revisions and Ventilation Revisions, accompanying this addendum, in its entirety.

**A2-36 REF. DRAWING E0.1**

- .1 Refer to 28 31 01 Section 3.2.3.2 for code spear wiring. Delete reference to extend wiring. All relocated speakers shall have new wiring back to the source. Splicing of wires will not be accepted.
- .2 Certification of the system shall include contractor, owner and consultant.

**A2-37 REF. DRAWING E2.1**

- .1 Remove drawing notes 1, 2, 3, 4, 5, and 6. Also remove associated symbol representing lighting control pushbutton or touchscreens on floorplans. This includes both the hatched box being pointed to by notes 1-6, and also symbol S-LVPx. These notes and symbols are describing lighting control touchscreens/pushbuttons. All lighting control shall be accomplished through the shared graphical interface. See related addendum item E-2-17.

**A2-38 REF. DRAWING E3.1**

- .1 REVISE Detail 4: Remove drawing note #3.

**A2-39 REF. DRAWING E3.1-3.5**

- .1 All vertical and horizontal wiremold raceway shall be of the type shown in sketch E5.2R2 accompanying this addendum.
- .2 All systems and data cabling utilizing basket trays shall be run in conduit in all locations except for transition to basket tray. The use of J-hooks, brackets, cable ties, and other attachments to support cabling is not acceptable.

**A2-40 REF. DRAWING E3.2**

- .1 REVISE circuit for exhaust fan #1 (EF-1) to 3MA-13,15,17. Spare breakers in panel 3MA to be moved to circuits 3MA-18,20,22.

**A2-41 REF. DRAWING E3.3**

- .1 REVISE Drawing Note 9: Provide 51mm x 203mm (H x W) wireway. Wireway shall be lay in, steel construction, 10 foot sections, complete with hinged cover. Electrical contractor shall ensure no hinged cover is present directly underneath any obstructions. Wireway shall be powder coat painted, colour to be confirmed during shop drawing stage. Wireway shall be Wiremold Specmate Wireway or approved equal.
- .2 CLARIFICATION Addendum #1 item A1-41.7. These microphone additions were already shown on lighting plan E2.2 for ceiling coordination. The total number of microphones in each classroom shall still be four, the addendum item was to show the microphones on the correct plan.
- .3 Provide 9 x 120V circuits from Panel 4A to room 407 for the new plugs added in addendum #1 sketch E3.3R1. Each workstation (set of three desks) shall have a dedicated circuit. TV plug and A/V floorbox at the front of the classroom shall share the remaining dedicated circuit.

**A2-42 REF. DRAWING E3.5**

- .1 In addendum #1, item A1-42, remove reference to door 340.
- .2 Door 380 shall have access control components changed to those of door type D3. Refer to sketch E5.2R1 for door detail.

**A2-43 REF. DRAWING E4.1**

- .1 CLARIFICATION Detail 1 - Dashed breakers indicate existing breakers to remain, remove asterisk reference on existing spare breakers.
- .2 CLARIFICATION Detail 1 – Existing panel LP-1 and existing car parking panel are located on south wall of electrical room 111.

**A2-44 REF. DRAWING E4.3**

- .1 Reduce number of existing circuits shown (120V-1P) and their associated breakers on every new panel by 50%. This applies to third and fourth floor panels only.

**A2-45 REF. DRAWING E5.2**

- .1 Detail 1 showing the low voltage lighting control system shall be replaced with sketch E5.2R3 accompanying this addendum.

**A2-46 REF. DRAWING E6.1**

- .1 ADD Drawing E6.1, First Floor Lighting/Power Plan, accompanying this addendum.

**A2-47 REF. DRAWING E6.2**

- .1 ADD Drawing E6.2, Second Floor Lighting/Power Plan, accompanying this addendum.

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**A2-48 GENERAL QUESTIONS**

- .1 A request for equal has been applied for by several Bidders for the air-conditioning units, condensing units, fan coils, exhaust fan, grilles and diffusers, louvres, and radiant fins.

Response: In accordance with Section 21 05 01, any alternate equipment that meets or exceeds the performance, quality or design intent of that specified will be accepted and only those products that may alter the design intent must be submitted for review. It is the contractor's sole responsibility to ensure that any product they propose to use meets the requirement of the project in full.

- .2 A request for equal has been applied for by one of the bidders for the carpet tile.

Response: The Owner will only accept the carpet tile as specified.

- .3 A question has been raised by one of the bidders requesting clarification as to the frame construction of the glazed screens.

Response: The glazed screens are to be constructed as per Section 08 11 00.

- .4 A request for equal has been applied for by one of the bidders for the overhead hold open/door stop)

Response: All products meeting the specifications will be accepted and will be further reviewed at the shop drawing stage.

- .5 A question has been raised by one of the bidders requesting clarification as to the window specifications for the fixed window unit in the Guard Shack.

Response: Window frame shall be pressed steel constructed as per Section 08 11 00 and the glazing shall be 9mm safety glass as per Section 08 80 50. Paint complete frame.

**END OF ADDENDUM NO. 2**

This schedule is to be read in conjunction with the Drawings and Specification Sections.

Room No.	Room Name	Floor	Base	Walls				Ceiling	Notes:	Revision
				N	S	E	W			
SUB-BASEMENT										
001		EX	EX	EXP	EXP	EXP	EXP	EXP		1
101		EX	EX	EX	EX	EX	EX	EX		
102		EX	EX	EX	EX	EX	EX	EXP		
103		EX	EX	EX	EX	EX	EX	EX-ATR		
104		EX	EX	EX	EX	EX	EX	EX-ATR		
105		EX	EX	EX	EXP	EXP	EX	EX/GBP		1
106		EX	EX	EX	EX	EX	EX	EX-ATR		
107		-	-	-	-	-	-	-		
108		EX	EX	EX	EX	EX	EX	EX-ATR		
109		EX	EX	EX	EX	EX	EX	EXP		
110		EX	EX	EX	EX	EX	EX	EXP		
111		EX	EX	EX	EX	EX	EXP	EXP		
112		EX	EX	EX	EX	EXP	EX	EX/GBP		1
113		EX	EX	EXP	EX	EX	EX	EX-ATR		
114		EX	EX	EX	EXP	EX	EX	EXP		1
115		EX	EX	EX	EXP	EX	EX	EXP		
116		EX	EX	EX	EXP	EX	EX	AT-1		1
117		EX	EX	EXP	EX	EX	EX	EXP		
118		EX	EX		EXP	EX	EX	EX		
119		EX	EX	EXP/GBP	EXP/GBP	EXP	EXP	AT-1/AT-2/GBP		1
120		EX	EX	EX	EX	EX	EX	EX		
121		EX	EX	EX	EXP	EX	EX	EX		
122		EX	EX	EX	EXP	EX	EX	EX		
123		EX	EX	EX	EX	GBP	EX	EXP		
124		EX	EX	EXP	EXP	EXP	GBP	EX-ATR		
125		EX	EX	EXP	EX	EX	EX	EXP		
126		EX	EX	EXP	EX	EX	EX	EXP		1

Room No.	Room Name	Floor	Base	Walls				Ceiling	Notes:	Revision
				N	S	E	W			
127		EX	EX	EX	EX	EX	EX	EXP		
128		-	-	-	-	-	-	-		
129		EX	EX	EX	EX	EX	EX	EX		1
130		EX	RB	EX	EX	EX	EXP/GBP	EX-ATR		
131		EX	EX/RB	EX	EX/GBP	EX/GBP	EX/GBP	EX/GBP	Rubber base at new gypsum board	1
132		EX	EX	EX	EX	GBP/EXP	EX	EXP		
133		EX	EX	EX	EX	EX	EX	EXP		
134		EX	RB	GBP	EX	EX	EX	EX-ATR/AT-1/GBP		1
135		EX	RB	EXP/GBP	GBP	EXP	GBP	GBP		1
136		EX	EX/RB	EXP/GBP	EXP	EXP/GBP	EXP	AT-1/AT-2/GBP	New bulkheads this room	1
137		EX	EX	EXP/GBP	EXP	EXP	EXP	AT-1/AT-2/GBP	New bulkheads this room	1
138		EX	EX	EXP	EXP/GBP	EXP	EXP	AT-2/GBP	One layer AT-2 tile	1
139		EX	EX	EXP/GBP	EXP	EXP	EXP	AT-1/AT-2/GBP	New bulkheads this room	1
140		EX	EX	EX	EX	EX	EX	EXP		
141		EX	EX	EX	EX	EX	EX	EXP		
142		EX	EX	EX	EX	EXP/GBP	EX	EXP		
143		EX	EX	EXP	EXP	EXP	EXP/GBP	EX-ATR		1
144		EX	EX	EXP	EX	EX	EX	EXP		
145		EX	EX	EXP	EX	EX	EX	EXP		
146		EX	EX	EX	EX	EX	EX	EXP		
147		-	-	-	-	-	-	-		
SECOND FLOOR										
201		EX	EX	EX	EX	EXP	EX	EXP		
202		-	-	-	-	-	-	-		
203		EX	EX	EX	EX	EX	EX	EXP		
204		EX	EX	EXP	EX	EX	EX	EX		
205		EX	EX	EXP	EX	EX	EX	EX		
206		EX	EX	EX	EX	EX	EX	EX-ATR		1
207		EX	EX	EX	EX	EX	EX	EX-ATR		1

Room No.	Room Name	Floor	Base	Walls				Ceiling	Notes:	Revision
				N	S	E	W			
208		EX	EX	EX	EXP	EX	EXP			
209		EX	EX	EX	EXP	EX	EXP			
210		EX	EX	EX	EX	EX	EX-ATR		1	
211		EX	EX	EXP	EXP	EXP	GBP			
212		EX	EX	EX	EX	EXP	EX-ATR			
213		EX	EX	EX	EX	EX	EX-ATR			
214		EX	EX	EX	EX	EX	EX-ATR/EXP		1	
215		EX	EX	EX	EX	EX	EX-ATR			
216		EX	EX	EXP	EXP	EX	EXP			
217		EX	EX	EXP	EX	EX	EXP		1	
218		EX	EX	EX	EX	EX	EXP		1	
219		EX	EX	EXP	EXP	EXP	GBP			
220		EX	EX	EX	EX	EX	EX-ATR			
221		EX	EX	EX	EX	EX	EXP			
222		EX	EX	EX	EX	EX	EXP			
223								Room combined into Room 224	1	
224		EX	EX	EXP/GBP	EXP/GBP	EXP	AT-1/AT-2/GBP		1	
225								Room combined into Room 224	1	
226								Room combined into Room 224	1	
227		EX	EX	EX	EX	EX	EXP			
228		EX	EX	EX	EX	EX	EXP			
229		EX	EX	EX	EXP/GBP	EX	EXP		1	
230		EX	EX	EXP	EXP	GBP	EX-ATR		1	
231		EX	EX	EXP	EX	EX	EXP			
232		EX	EX	EXP	EX	EX	EXP			
233		EX	EX	EX	EXP	EXP	EXP			
234		-	-	-	-	-	-			
235		EX	EX	EX	EX	EX	EXP			
236		EX	EX	EX	EX	EX	EXP			
237		EX	EX	EX	EXP	EX	EX			
238		EX	EX	EX	EX	EX	EXP			

Room No.	Room Name	Floor	Base	Walls				Ceiling	Notes:	Revision
				N	S	E	W			
239		EX	EX	GBP	EX	EX	EX	EX-ATR		
240		EX	EX	EXP/GBP	EXP	EXP	EXP	AT-1/AT-2/GBP	1	
241		EX	EX	EXP/GBP	EXP	EXP	EXP	AT-1/AT-2/GBP	1	
242		EX	EX	EXP	EXP/GBP	EXP	EXP	AT-2/GBP	1	
243		EX	EX	EXP/GBP	EXP	EXP	EXP	AT-1/AT-2/GBP	1	
244		EX	EX	EX	EX	EX	EX	EXP		
245		EX	EX	EX	EX	EX	EX	EXP		
246		EX	EX	EX	EX	EXP/GBP	EX	EXP		
247		EX	EX	EXP	EXP	EXP	GBP	EX-ATR		
248		EX	EX	EXP	EX	EX	EX	EXP		
249		EX	EX	EXP	EX	EX	EX	EXP		
250		EX	EX	EX	EX	EXP	EXP	EXP		
251		-	-	-	-	-	-	-		
THIRD FLOOR										
301		EX	EX	EXP/GBP	EX	EX	EXP	EX	1	
302		-	-	-	-	-	-	-		
303		RSSF	RB	EXP/GBP	EXP	GBP	EXP	GBP	1	
304		RSSF	RB	EXP/GBP	EXP/GBP	GBP	EXP	GBP	1	
305		VCT	RB	GBP	GBP	GBP	GBP	GBP		
306		VCT	RB	-	EXP	GBP/EXP	GBP	AT-2/GBP	1	
307		RBF	RB	GBEP	GBEP	GBEP	GBEP	GBEP	1	
308		VCT	RB	GBP	GBP	GBP	GBP	AT-2	1	
309		VCT	RB	GBP	GBP	GBP	GBP	AT-2		
310		VCT	RB	GBP	GBP	GBP	GBP	GBP		
311		VCT	RB	GBP	GBP	GBP	GBP	GBP		
312		VCT	RB	GBP	GBP	GBP	GBP	AT-2		
313		CAR	RB	GBP	GBP	GBP	GBP	AT-2		
314		VCT	RB	-	GBP	GBP	GBP	AT-1/GBP	1	
315		VCT	RB	GBP	GBP	GBP	GBP	AT-1/GBP		
316		VCT	RB	GBP	-	-	GBP	AT-1/AT-2/GBP	1	





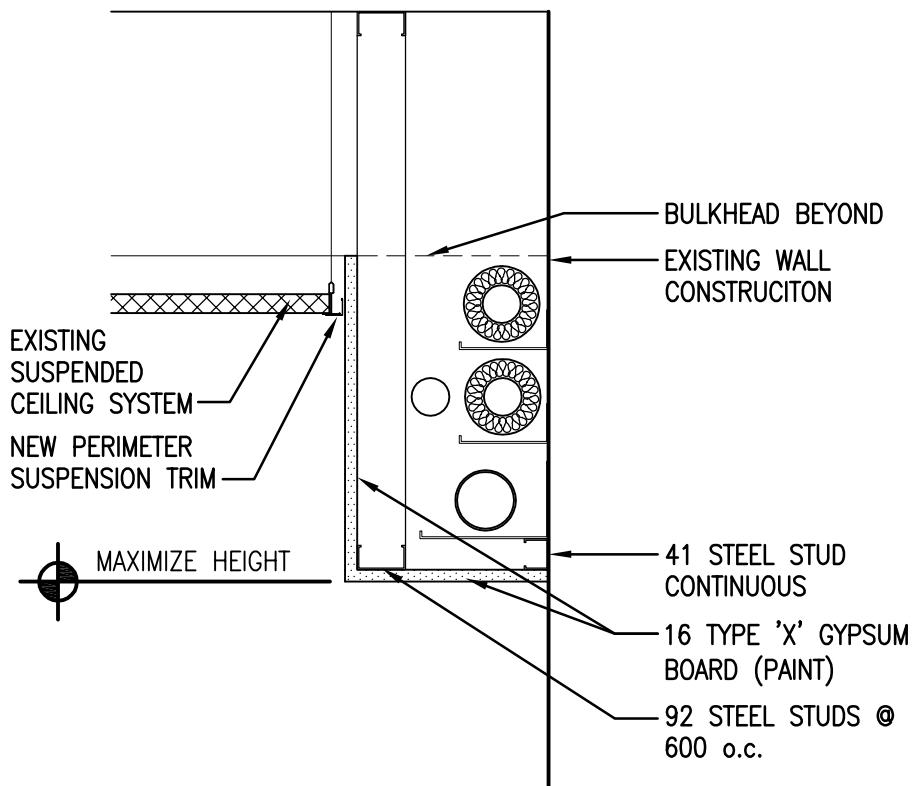
Room No.	Room Name	Floor	Base	Walls					Ceiling	Notes:	Revision
				N	S	E	W				
348		CAR	RB	GBP	GBP	GBP	GBP	AT-2		1	
349		VCT	RB	GBP	EXP	EXP	EXP	EXP/GBP	Patch and repair ceiling	1	
350		EX	EX	EX	EX	EXP/GBP	EXP	EXP			
351		EX	EX	EXP/GBP	EXP	EXP/GBP	EXP/GBP	AT-1			
352		EX	EX	EXP	EXP	EXP	EXP	EXP			
353		EX	EX	EXP	EXP	EXP	EXP	EXP			
354		EX	EX/RB	EXP/GBP /CWT	EXP/GBP /CWT	EXP/GBP /CWT	EXP/GBP /CWT	EXP	Match height of new ceramic tile with the existing tile		
354.1		EX	RB	GBP	GBP	GBP	GBP	EXP			
355		-	-	-	-	-	-	-			
356		VCT	RB	GBP	GBP	EXP	EXP	EXP			
357		VCT	RB	EXP/GBP	EXP	EXP	EXP	EXP/GBP	Fibre reinforced panels at mop sink	1	
358		EX	EX	EX	EX	EX	EX	EX			
359		EX	EX	EX	EX	EX	EX	EX			
360		VCT	RB	EXP	GBP	EXP	GBP	AT-2/GBP	One layer AT-2 tile		
360.1		VCT	RB	EXP/GBP	GBP	EXP/GBP	GBP	AT-2/GBP			
361		VCT	RB	GBP	GBP	EXP	GBP	AT-2/GBP	One layer AT-2 tile	1	
362		RSSF	RB	GBP	GBP	GBP	GBP	AT-1/AT-2/GBP			
363		RSSF	RB	GBEP	GBEP	GBEP	-	MCP/GBP			
364		CAR	RB	GBP	GBP	GBP	GBP	AT-2/GBP			
365		RSSF	RB	GBEP	GBEP	-	GBEP	MCP/GBP			
366		RSSF	RB	GBEP	GBEP	GBEP	GBEP	GBEP			
367		RSSF	RB	GBEP	GBEP	GBEP	GBEP	GBEP			
368		RSSF	RB	GBEP	GBEP	GBEP	GBEP	GBEP			
369		RSSF	RB	GBEP	GBEP	GBEP	GBEP	GBEP			
370		RSSF	RB	GBEP	GBEP	GBEP	GBEP	GBEP			
371		RSSF	RB	GBEP	GBEP	GBEP	GBEP	GBEP			
372		VCT	RB	GBP	GBP	GBP	GBP	AT-2/GBP			
373		VCT	RB	EXP	EXP/GBP	EXP	EXP	EXP/GBP	Patch and repair ceiling	1	
374		EX	EX	EX	EXP/GBP	EXP	EXP	EXP			
375		EX	EX	EXP/GBP	GBP	EXP/GBP	EXP/GBP	AT-1			

Room No.	Room Name	Floor	Base	Walls				Ceiling	Notes:	Revision
				N	S	E	W			
376		EX	EX	EXP	EXP	EXP	EXP			
377		EX	EX	EXP	EXP	EXP	EXP			
378		EX	EX	EX/EXP	EX/EXP	EX/EXP	EXP			
379		-	-	-	-	-	-			
380		-	-							
FOURTH FLOOR										
401		EX	EX	EXP/GBP	EX	EX	EX	EX		
402		-	-	-	-	-	-			
403		EX	EX	EX	EX	EX	EX			
404		EX	EX	EX	EX	EX	EX			
405		EX	EX	EX	EX	EX	EX			
406		VCT	RB	-	EXP	GBP/EXP	GBP	AT-2/GBP	One layer AT-2 tile	
407		CAR	RB	GBP/*	GBP	GBP	GBP	AT-1/AT-2/GBP	*acoustic panels on north wall	
408		CAR	RB	GBP	GBP	GBP	GBP	AT-1/AT-2/GBP		
409		CAR	RB	GBP	GBP	GBP	GBP	AT-1/AT-2/GBP		
410		VCT	RB	GBP	-	GBP	EXP	AT-2/GBP	One layer AT-2 tile	
411		CAR	RB	GBP/*	GBP	GBP	GBP	AT-1/T-2/GBP	*acoustic panels on north wall	
412		CAR	RB	GBP	GBP	GBP	GBP	AT-2/GBP		
413		CAR	RB	GBP	GBP	GBP	GBP	AT-1/T-2/GBP		
414		SDT	RB	GBP	GBP	GBP	EXP	GBP		
415		EX	EX	EX	EX	EX	EX	EXP		
416		VCT	EX/RB	EXP	EXP	EXP	EXP	EXP		
417		VCT	RB	GBP	EXP	EXP	EXP	AT-2/GBP	Patch and repair ceiling	
418		VCT	RB	EXP	EXP	GBP	EXP	AT-1/GBP		
419		EX	EX	EX	EX	EX	EX	EX		
-		-	-	-	-	-	-	-		
420		CAR	RB	GBP	GBP	EXP	GBP	AT-2/GBP		
421		CAR	RB	GBP	GBP	EXP	-	AT-1/GBP		
422		SDT	RB	GBP	GBP	EXP	GBP	AT-2/GBP		
423		CAR	RB	GBP	GBP	GBP	GBP	AT-1/AT-2/GBP		

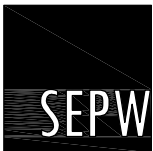


**List of Abbreviations:**

<b>FLOORS</b>		<b>WALL</b>	
CAR	CARPET TILE	CWT	CERAMIC WALL TILE
CFT	CERAMIC FLOOR TILE	EX	EXISTING TO REMAIN
EX	EXISTING TO REMAIN	EXP	EXISTING - PAINTED
RBF	RUBBER TILE FLOORING	GBP	GYPSUM BOARD -- PAINTED
RSSF	RESILIENT SHEET SAFETY FLOORING	GBEP	GYPSUM BOARD -- EPOXY PAINTED
VCT	VINYL COMPOSITE TILE		
SDT	STATIC DISSIPATIVE TILE		
<b>BASE</b>		<b>CEILING</b>	
EX	EXISTING TO REMAIN	AT-1	ACOUSTICAL CEILING TILE TYPE 1
RB	RUBBER BASE (09 68 00)	AT-2	ACOUSTICAL CEILING TILE TYPE 2
CWT	CERAMIC WALL TILE	EX	EXISTING TO REMAIN
		EX-ATR	EXISTING ACOUSTIC TILE - REMOVE & REPLACE AS REQUIRED FOR NEW WORK
		EXP	EXISTING - PAINTED
		GBP	GYPSUM BOARD -- PAINTED
		GBEP	GYPSUM BOARD -- EPOXY PAINTED
		MPC	METAL PANEL CEILING
	<b>GENERAL NOTE</b>		
	PATCH, REPAIR AND PAINT ALL WALLS AND CEILINGS THROUGHOUT WHERE THEY ARE AFFECTED BY NEW WORK. REFER ALSO TO MECHANICAL AND ELECTRICAL DRAWINGS FOR COMPLETE SCOPE OF WORK.		



1 FIRST FLOOR PIPE BULKHEAD DETAIL  
 A2.14 1:10 (EAST WING)



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■ 109 - 3725 Pasqua Street, Regina, SK, S4S 6W8 ph: (306) 569-2255  
 □ 102 - 3718 Klunnear Place, Saskatoon SK, S7P 0A6 ph: (306) 652-6457  
 ■ website: www.sepwa.ca

PROJECT TITLE  
**SHARED LEARNING FACILITY  
 REGINA, SK**

DATE  
**2014-03-13**

PROJECT NO.  
**05/2013**

SCALE  
**SHOWN**

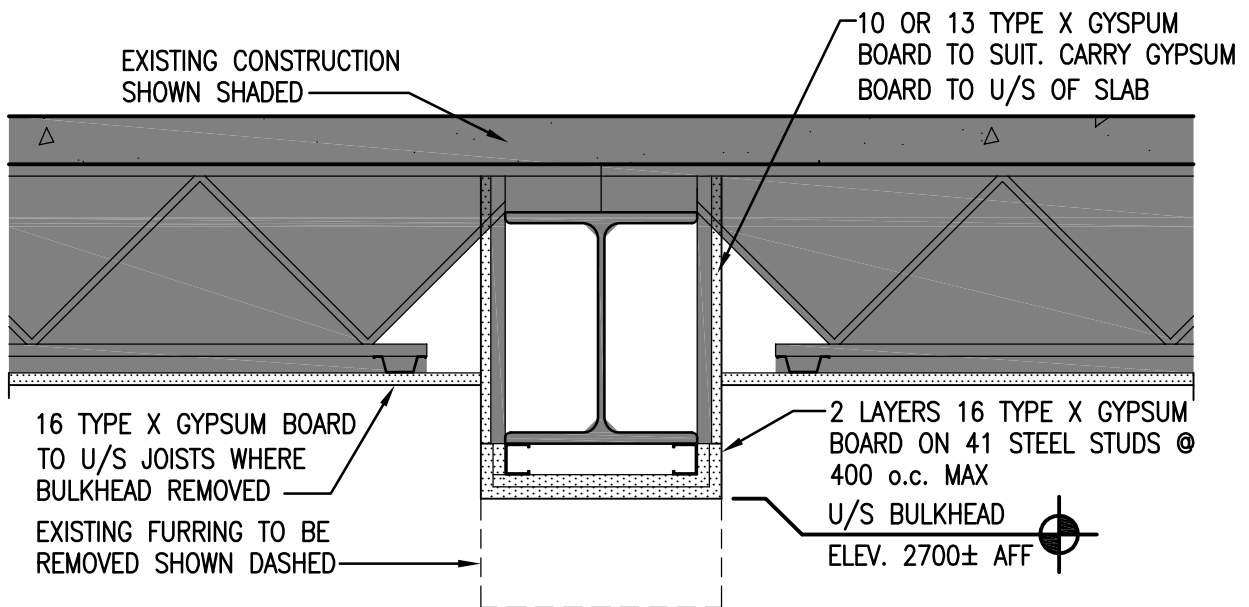
DRAWING NO.

DRAWING TITLE  
**FIRST FLOOR BULKHEAD DETAIL**

DRAWN  
**RHM**

**AR16**

CHECKED  
**RP**



1  
A2.15

**FURRED BEAM DETAIL**

1:10 (2ND FLOOR)



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 website: www.sepwa.ca

PROJECT TITLE  
**SHARED LEARNING FACILITY  
 REGINA, SK**

DRAWING TITLE  
**FURRED BEAM DETAIL**

DATE  
**2014-03-13**

SCALE  
**SHOWN**

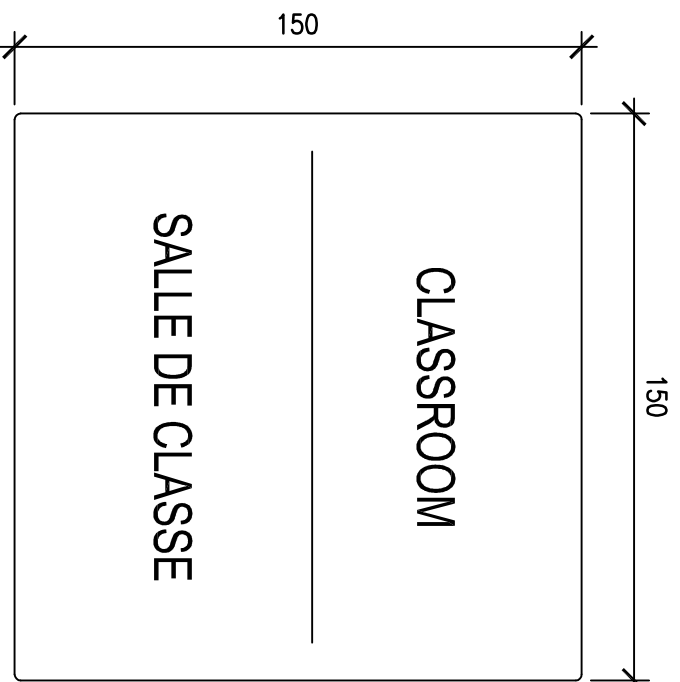
DRAWN  
**RHM**

CHECKED  
**RP**

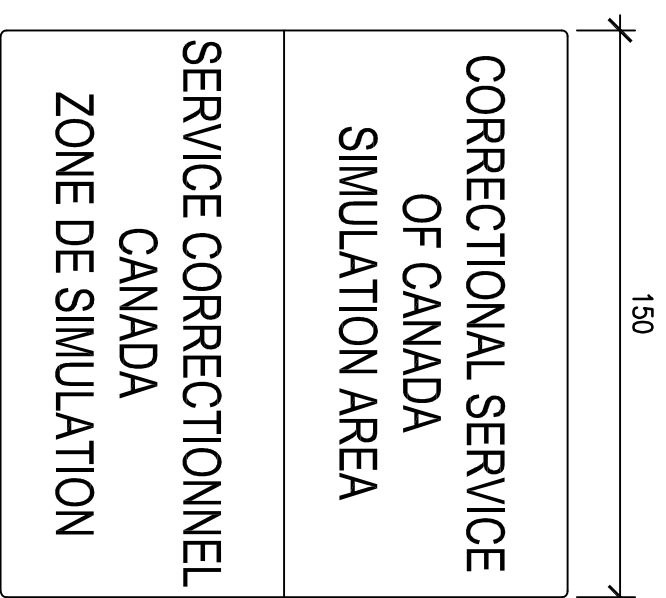
PROJECT NO.  
**05/2013**

DRAWING NO.

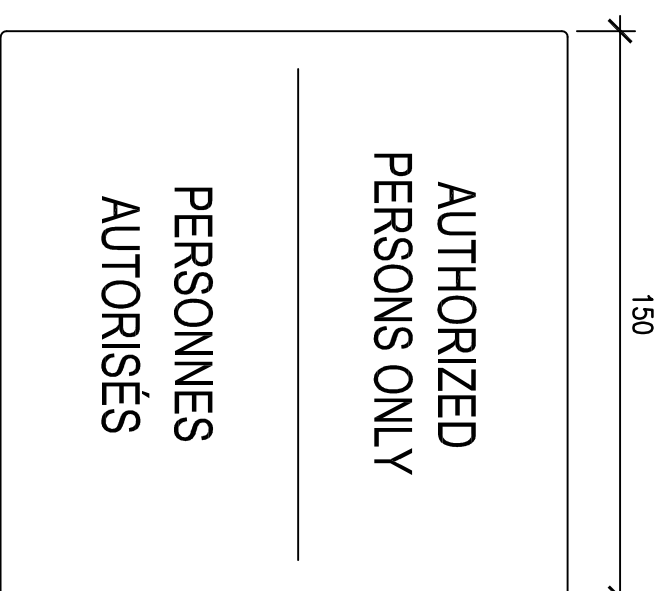
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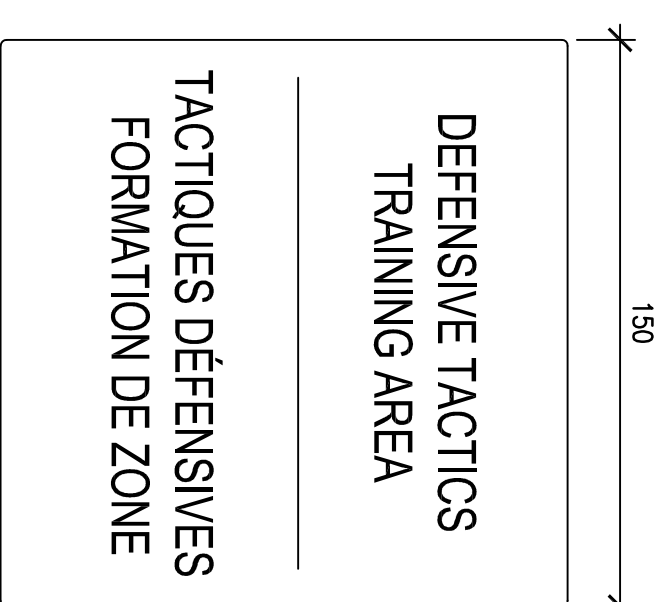
A20



A21

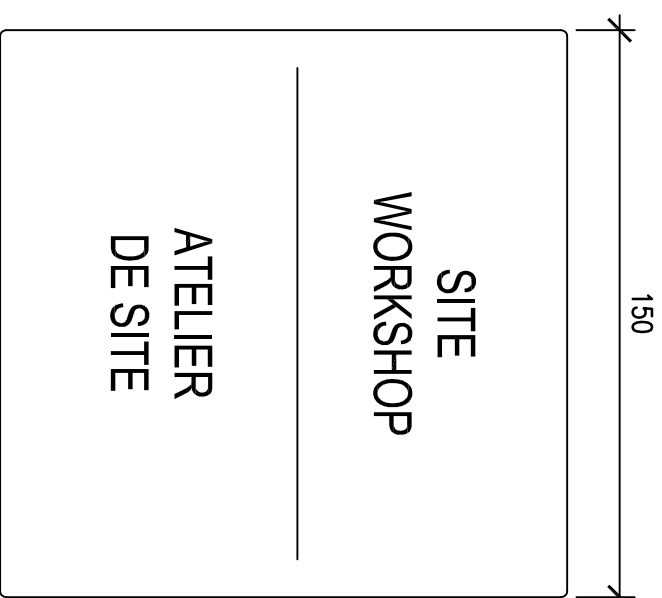


A22

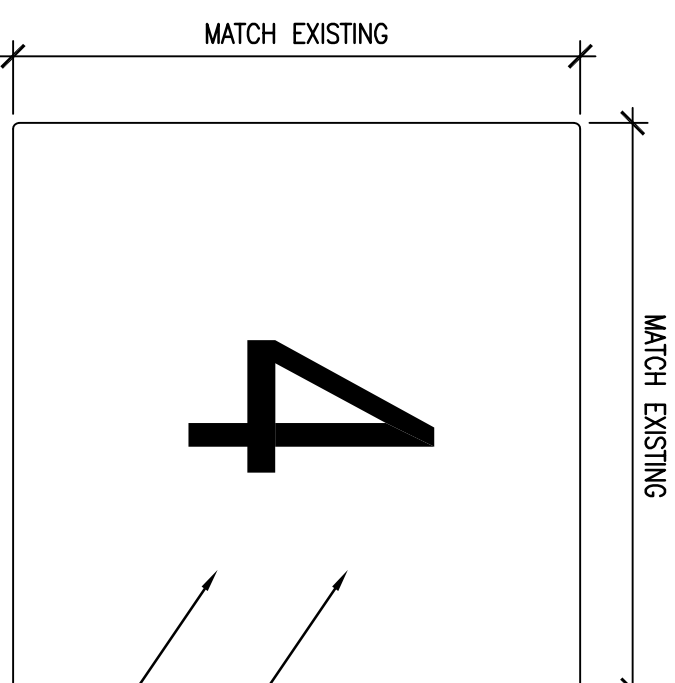


A23

2  
A7.3  
1:2  
SIGNAGE ELEVATIONS  
(WALL PLATES)



A24



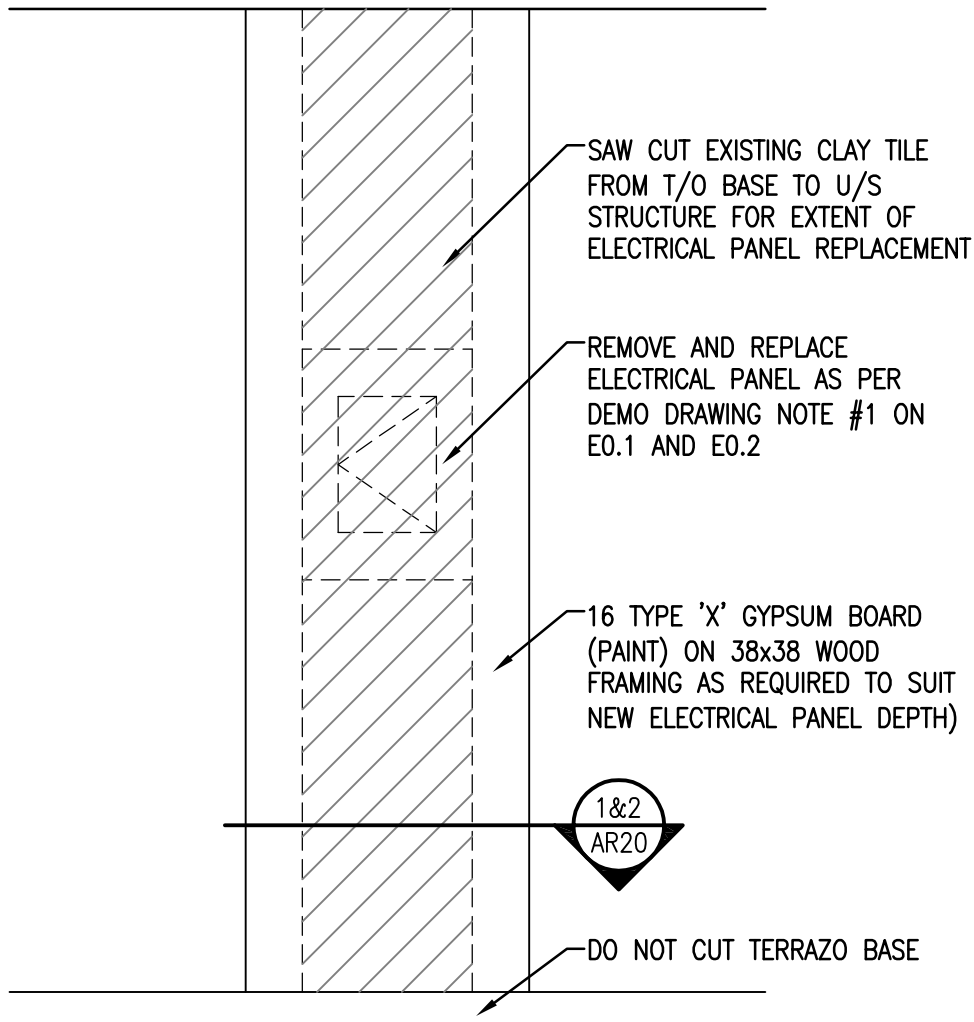
A25 (FLOOR NUMBER)

MATCH EXISTING COLOURS,  
FONTS AND SIZING

RELOCATE EXISTING FLOOR  
DESIGNATION NUMBERS #1,  
#2 AND #3 TO THE NEWLY  
LABELED FLOORS

		PROJECT TITLE <b>SHARED LEARNING FACILITY          REGINA, SK</b>		DATE <b>2014-03-13</b>		PROJECT NO. <b>05/2013</b>	
DRAWING TITLE <b>SIGNAGE ELEVATIONS</b>		SCALE <b>SHOWN</b>		DRAWN <b>RHM</b>		DRAWING NO. <b>AR18</b>	
CHECKED <b>RP</b>							

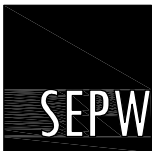
■ 1-09 - 3725 Pasqua Street, Regina, SK, S4S 0W8 PRC (306) 569-2256  
 □ 1-02 - 3718 Kenebec Place, Saskatoon, SK, S7P 0A6 PRC (306) 652-6457  
 ■ website: www.sepw.ca



1  
AR19

ELEVATION AT ELECTRICAL PANEL

1:20



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 102 - 3718 Klinnear Place, Saskatoon SK, S7P 0A6 ph: (306) 652-6457  
 website: www.sepwa.ca

PROJECT TITLE  
**SHARED LEARNING FACILITY  
 REGINA, SK**

DRAWING TITLE  
**ELEVATION AT REMOVED/NEW ELECTRICAL PANEL**

DATE  
**2014-03-13**

SCALE  
**SHOWN**

DRAWN  
**RHM**

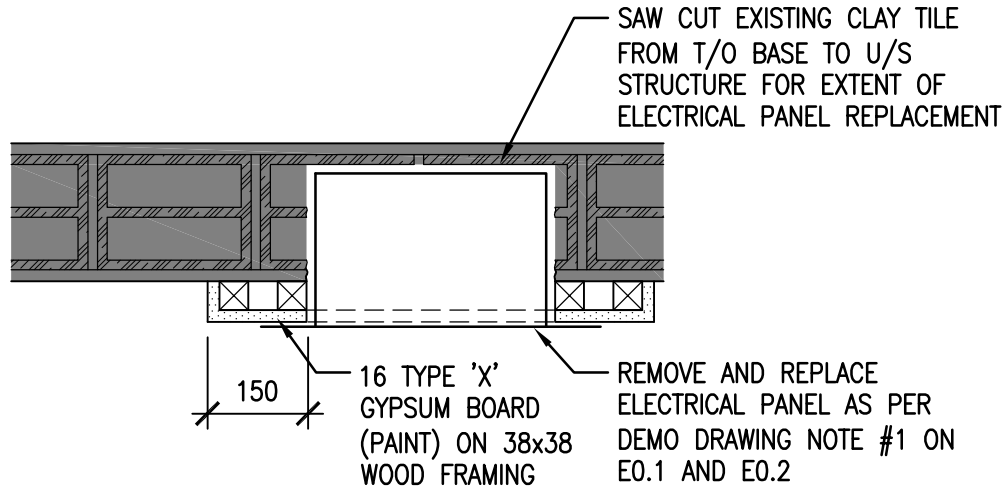
CHECKED  
**RP**

PROJECT NO.  
**05/2013**

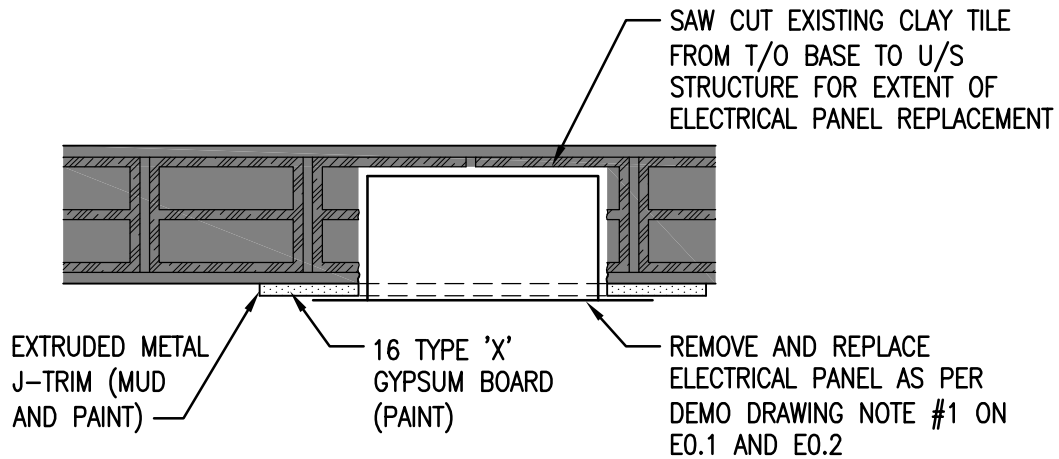
DRAWING NO.

**AR19**





2  
AR20  
DETAIL  
1:20



1  
AR20  
DETAIL  
1:20



**SEPW Architecture Inc.**

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 102 - 3718 Klinnear Place, Saskatoon SK, S7P 0A6 ph: (306) 652-6457  
 website: www.sepwa.ca

PROJECT TITLE  
**SHARED LEARNING FACILITY  
 REGINA, SK**

DRAWING TITLE  
**DETAILS AT REMOVED/NEW ELECTRICAL PANELS**

DATE  
**2014-03-13**

SCALE  
**SHOWN**

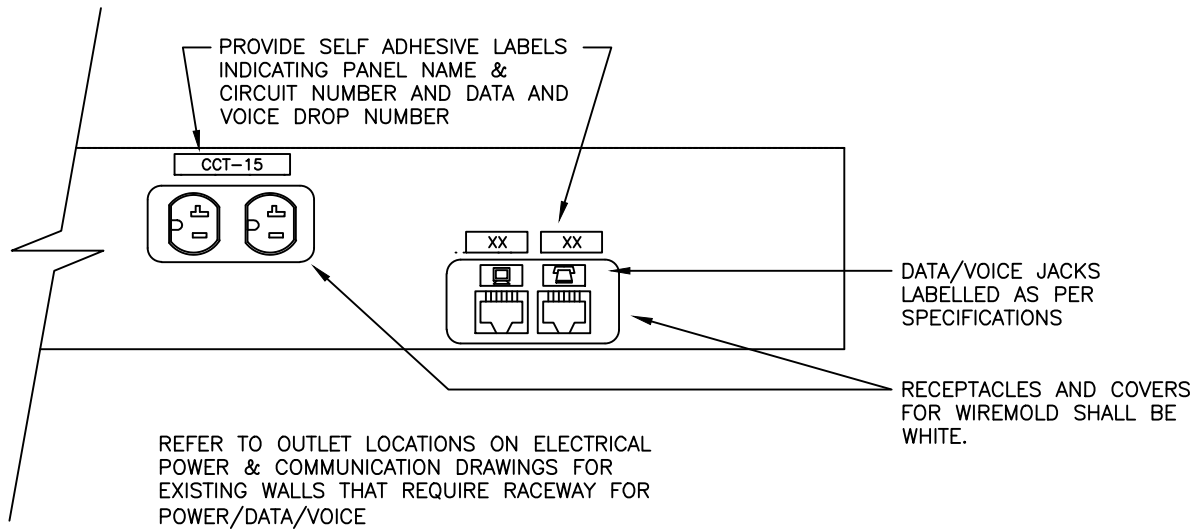
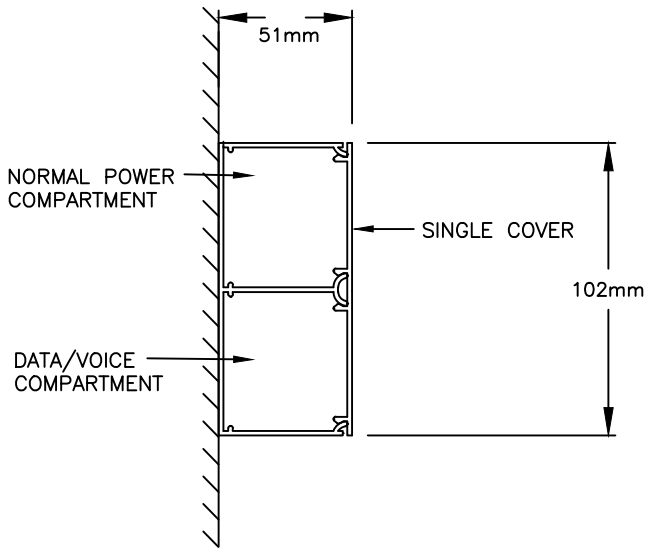
DRAWN  
**RHM**

CHECKED  
**RP**

PROJECT NO.  
**05/2013**

DRAWING NO.

**AR20**



RACEWAY SHALL BE TWO-COMPARTMENT, SINGLE-COVER, PVC RACEWAY FITTINGS AND COUPLINGS IN WHITE FINISH. PROVIDE DEVICE OPENINGS TO ACCOMMODATE DUPLEX AND SINGLE RECEPTACLES, AND DATA/VOICE JACKS AS INDICATED ON DRAWINGS.

ALL FIELD CUTS SHALL BE SANDED OR FILED TO REMOVE ALL BURRS AND PROVIDE A SMOOTH SURFACE. JOINTS BETWEEN THE RACEWAY AND THE WALL SHALL BE CAULKED. DATA/VOICE CONDUIT SHALL BE STUBBED INTO THE ACCESSIBLE CEILING SPACE.

RACEWAY SHALL BE WIREMOLD 40N2 SERIES OR APPROVED EQUAL.

1 WIREMOLD RACEWAY DETAIL  
E5.2R2 N.T.S.



**Ritenburg & Associates Ltd.**  
Consulting Electrical Engineers

#200-2222 Albert Street, Regina, SK S4P 2V2  
P. (306) 599-1303 F. (306) 599-1307  
Email: ral@ritenburg.com

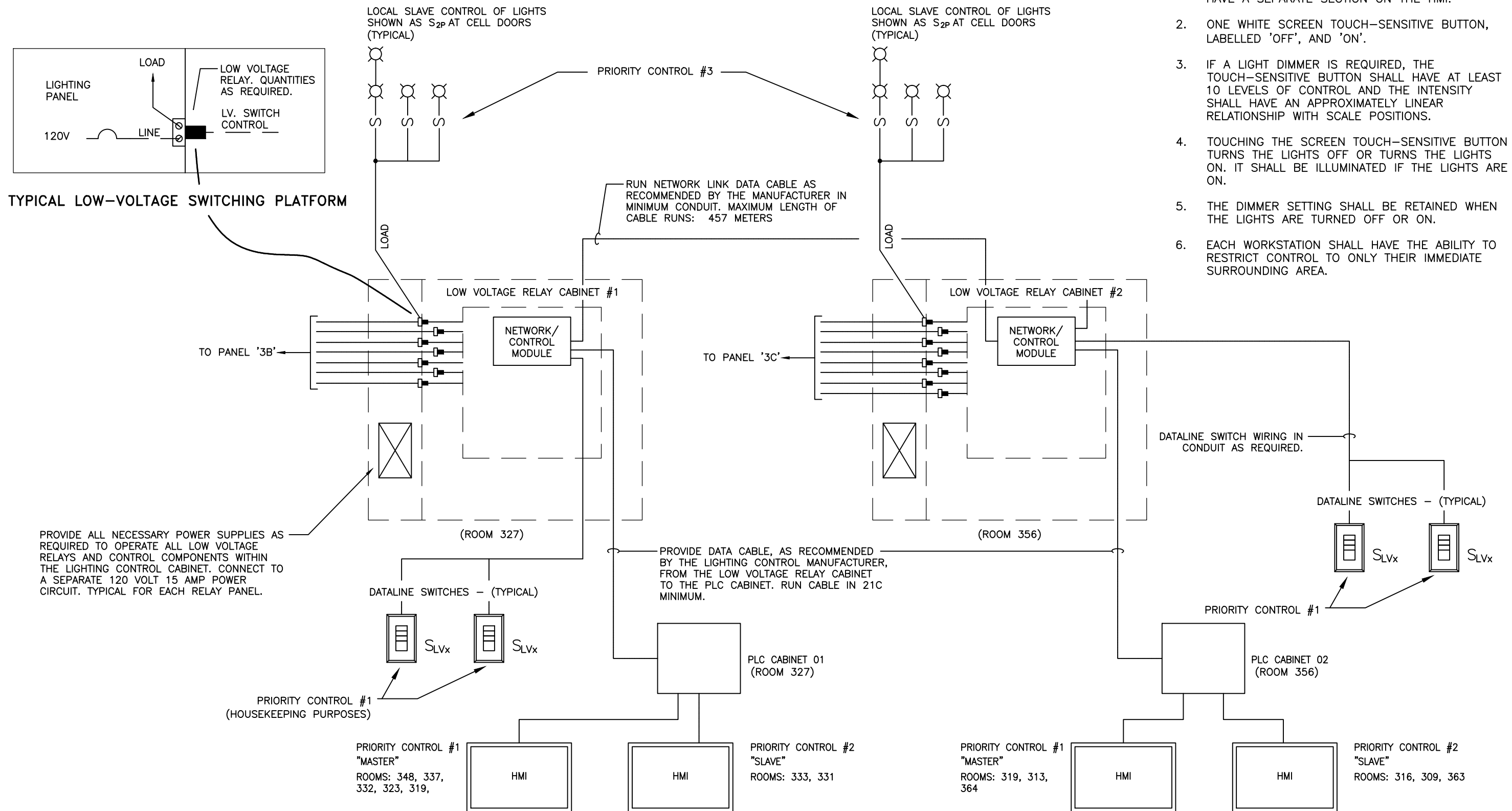
RCMP B-BLOCK  
ELECTRICAL REVISION

File: 12291  
Date: 2014-03-11  
Approved: SBK  
Drawn: BDK

Drawing:  
E5.2-R2

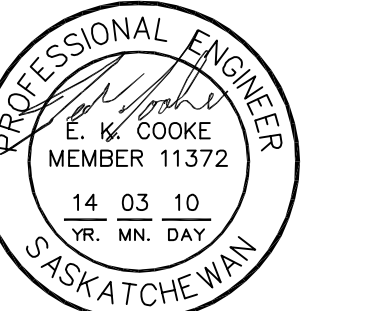
**LIGHTING CONTROL HMI NOTES:**

1. EACH SET OF LIGHTS TO BE CONTROLLED SHALL HAVE A SEPARATE SECTION ON THE HMI.
2. ONE WHITE SCREEN TOUCH-SENSITIVE BUTTON, LABELLED 'OFF', AND 'ON'.
3. IF A LIGHT DIMMER IS REQUIRED, THE TOUCH-SENSITIVE BUTTON SHALL HAVE AT LEAST 10 LEVELS OF CONTROL AND THE INTENSITY SHALL HAVE AN APPROXIMATELY LINEAR RELATIONSHIP WITH SCALE POSITIONS.
4. TOUCHING THE SCREEN TOUCH-SENSITIVE BUTTON TURNS THE LIGHTS OFF OR TURNS THE LIGHTS ON. IT SHALL BE ILLUMINATED IF THE LIGHTS ARE ON.
5. THE DIMMER SETTING SHALL BE RETAINED WHEN THE LIGHTS ARE TURNED OFF OR ON.
6. EACH WORKSTATION SHALL HAVE THE ABILITY TO RESTRICT CONTROL TO ONLY THEIR IMMEDIATE SURROUNDING AREA.



**SEPW Architecture Inc.**

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 1212 - 2718 Vernal Place, Saskatoon, SK, S7P 0K6 ph: (306) 652-6457  
 www.sepw.ca



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**CERTIFICATE OF AUTHORIZATION**  
 HDA ENGINEERING LTD.  
 Number 0381  
 Permission to Consult Held by  
 Discipline: ME, REG. NO. Signature: J. Dawson  
 Mech. 6093

**DO NOT SCALE DRAWINGS**

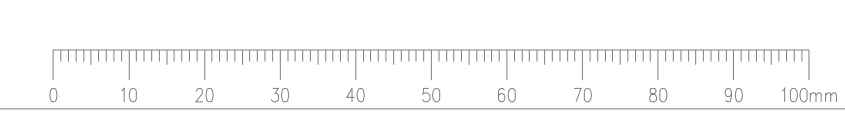
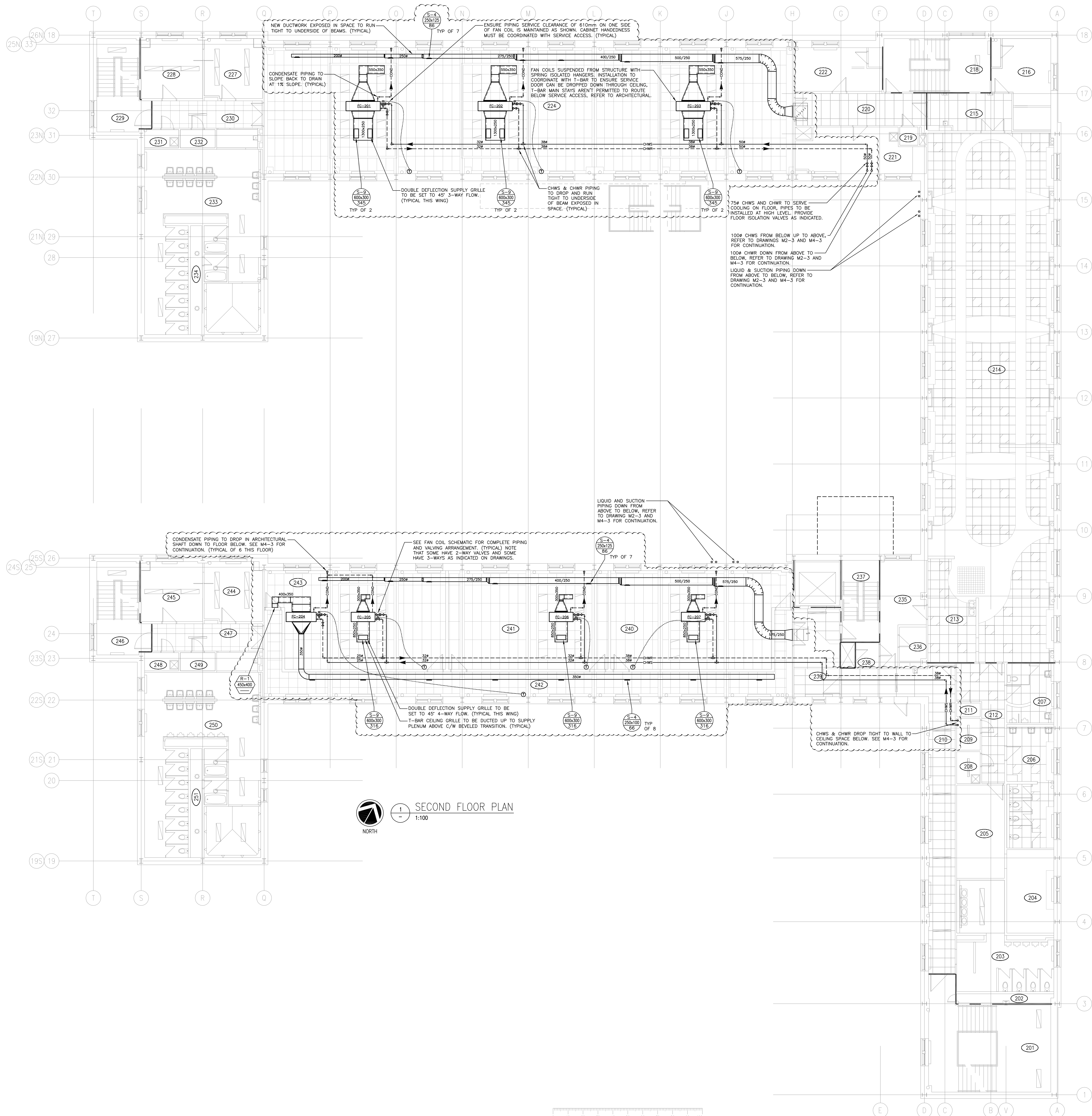
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0	ISSUED FOR TENDER	2014-01-17

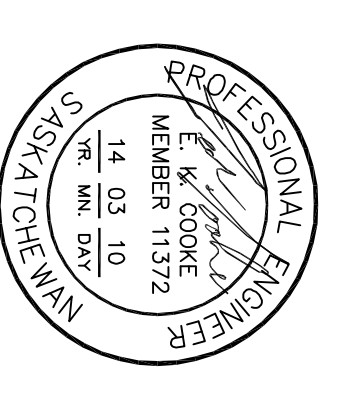
Project Title/Titre du projet  
**SHARED LEARNING FACILITY  
 REGINA, SK**

Approved by/Approve par  
 Designed by/Concept par  
**TKC**  
 Drawn by/Dessiné par  
**TKC/JJB**  
 Project Manager/Administrateur de Projets  
**AC**  
 Architectural and Engineering Resources Manager/  
 Ressources Architectural et de Directeur d'Ingénierie

Drawing Title/Titre du dessin  
**SECOND FLOOR PLAN  
 PLUMBING REVISIONS  
 HEATING REVISIONS  
 AND VENTILATION REVISIONS**

Project No./No. du projet Sheet/feuille Revision no./  
 La Révision no. **05/2013 M4-4 0**





Association of Professional Engineers & Geoscientists  
CERTIFICATE OF AUTHORIZATION  
T. D. G. (Member 001)  
S. Dymek (Member 11372)  
Director of Mechanical Engineering  
Mech. 6093

**DO NOT SCALE DRAWINGS**

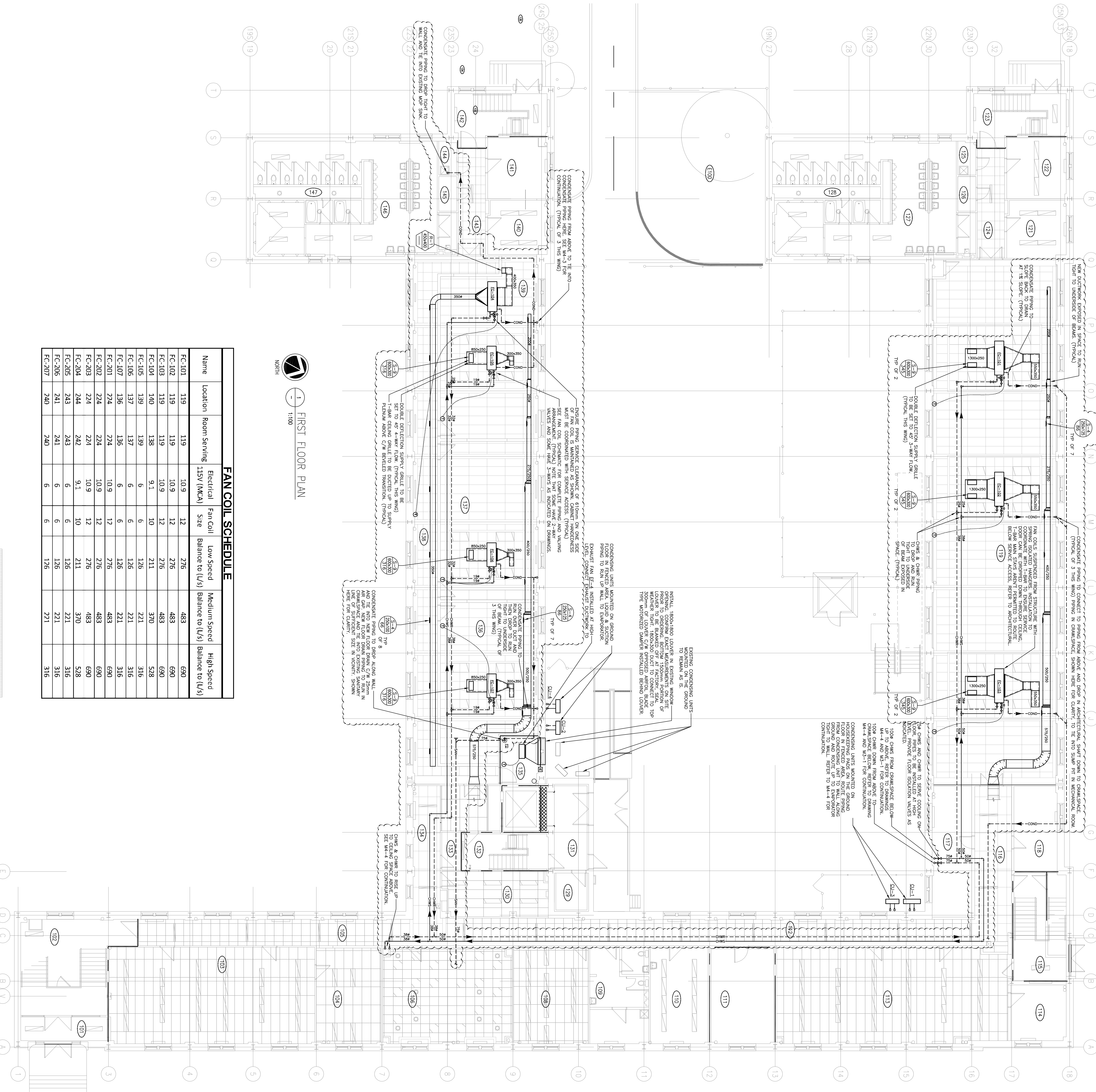
Revision/Description/Client/Date	Issued For/Tracker	Date/Drawn
0		2014-01-17

**SHARED LEARNING FACILITY**  
REGINA, SK

Project title/Titre du projet  
Approved by/Approuvé par  
Designed by/Conçu par  
Drawn by/Dessiné par  
Project Manager/Administrateur de Projet  
Client/Client

**FIRST FLOOR PLAN**  
PLUMBING REVISIONS  
AND VENTILATION REVISIONS

Project No./No. du projet  
Revision No./No. de Révision

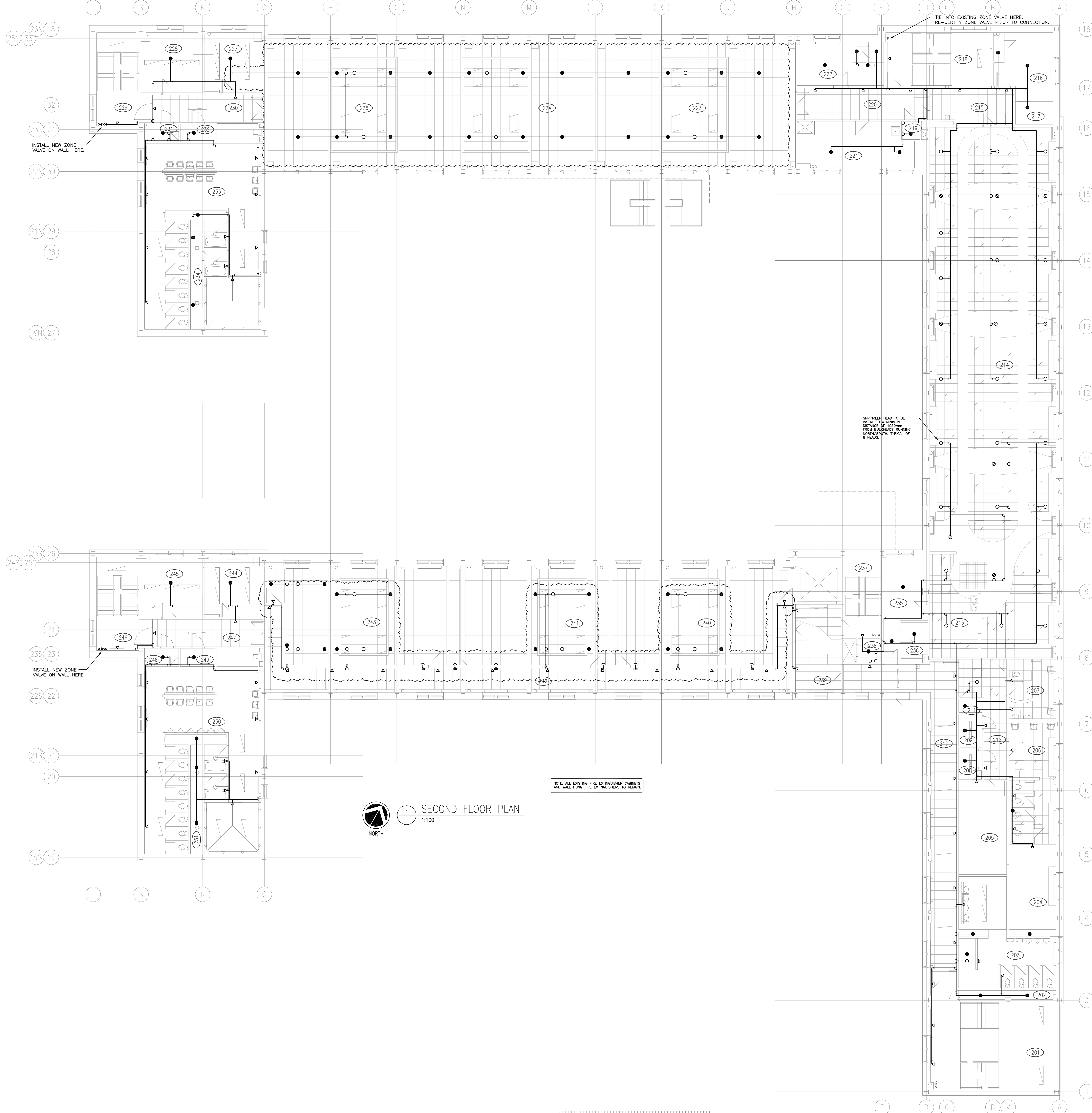


**FIRST FLOOR PLAN**  
1:100  
NORTH

**FAN COIL SCHEDULE**

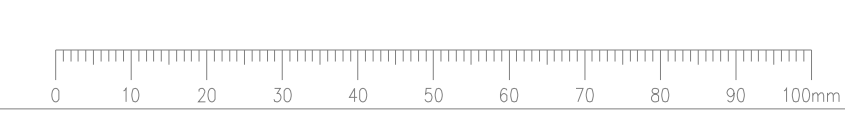
Name	Location	Room Serving	Electrical 115V (MCA)	Fan Coil Size	Low Speed Balance to (L/S)	Medium Speed Balance to (L/S)	High Speed Balance to (L/S)
FC-101	119	119	10.9	12	276	483	690
FC-102	119	119	10.9	12	276	483	690
FC-103	119	119	10.9	12	276	483	690
FC-104	140	138	9.1	10	211	370	528
FC-105	139	139	6	6	126	221	316
FC-106	137	137	6	6	126	221	316
FC-107	136	136	6	6	126	221	316
FC-201	724	724	10.9	12	276	483	690
FC-202	224	224	10.9	12	276	483	690
FC-203	244	242	9.1	10	211	370	528
FC-205	243	243	6	6	126	221	316
FC-206	241	241	6	6	126	221	316
FC-207	240	240	6	6	126	221	316





**SECOND FLOOR PLAN**  
1:100  
NORTH

NOTE: ALL EXISTING FIRE EXTINGUISHER CABINETS AND WALL HUNG FIRE EXTINGUISHERS TO REMAIN.



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HDA ENGINEERING LTD.  
Number 0981  
Permission to Consult held by:  
Discipline: Mech. 6093 Signature: J. Downes

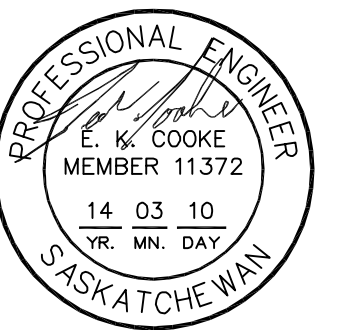
**DO NOT SCALE DRAWINGS**

Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2014-01-17

Project Title/Titre du projet  
**SHARED LEARNING FACILITY**  
REGINA, SK

Approved by/Approve par  
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**TKC**  
Drawn by/Dessine par  
**TKC/JJB**  
Project Manager/Administrateur de Projets  
**AC**  
Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie

Drawing Title/Titre du dessin  
**SECOND FLOOR PLAN**  
**FIRE PROTECTION**



Association of Professional Engineers & Geoscientists of Saskatchewan  
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Number: C081  
Permission to Consult Held by:  
Discipline: Mech. E. W. Gooke Signature  
Mech. 6093 J. Downes

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Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2014-01-17

Project Title/Titre du projet

**SHARED LEARNING FACILITY  
REGINA, SK**

Approved by/Approuve par

Designed by/Concept par  
TKC

Drawn by/Dessine par  
TKC/JJB

Project Manager/Administrateur de Projets  
AC

Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'Ingénierie

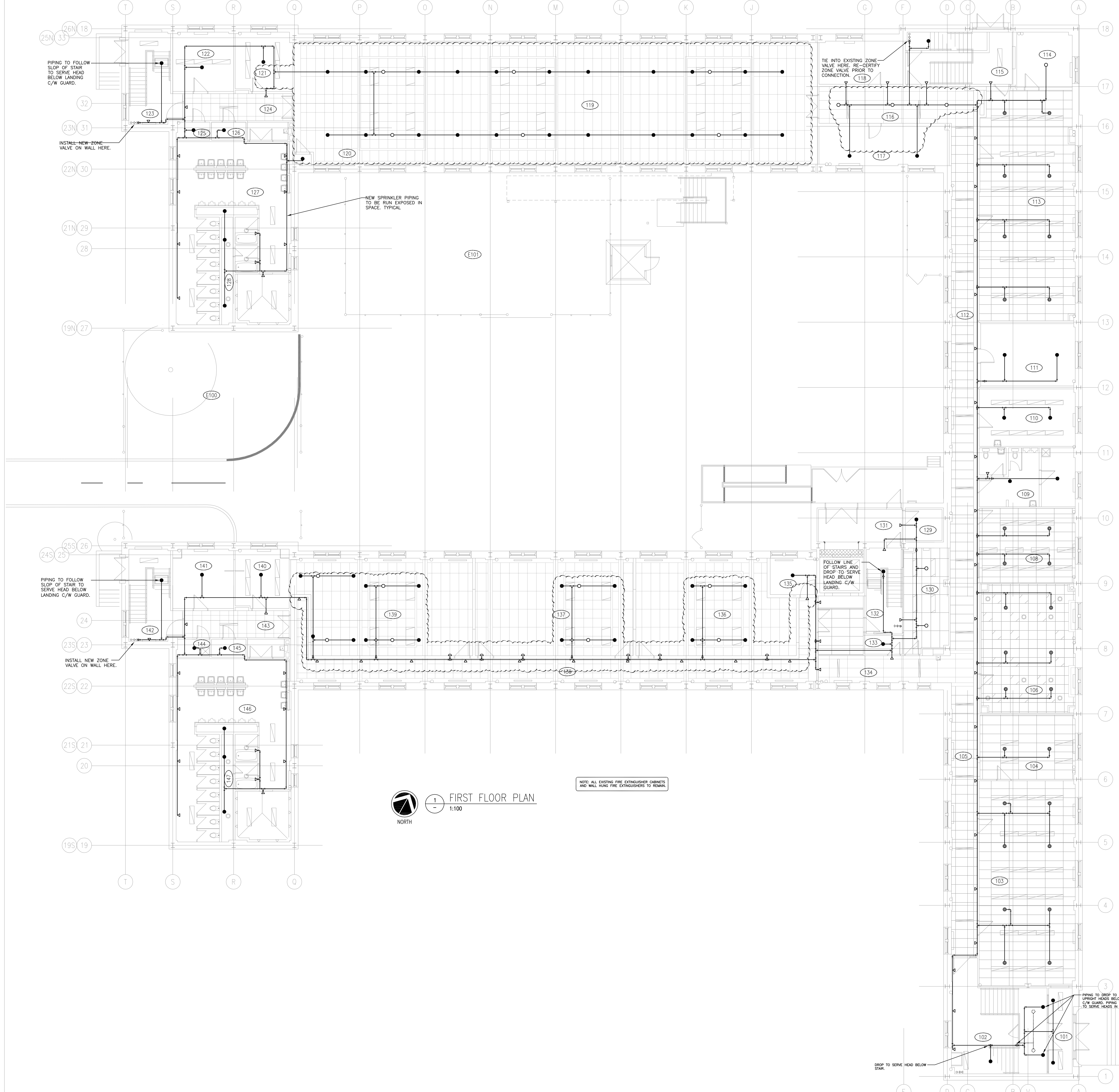
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Drawing title/Titre du dessin

**FIRST FLOOR PLAN  
FIRE PROTECTION**

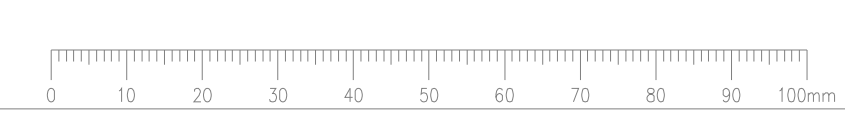
Project No./No. du projet Sheet/feuille Revision no./  
La Révision no.

**05/2013 M3-2R1 0**



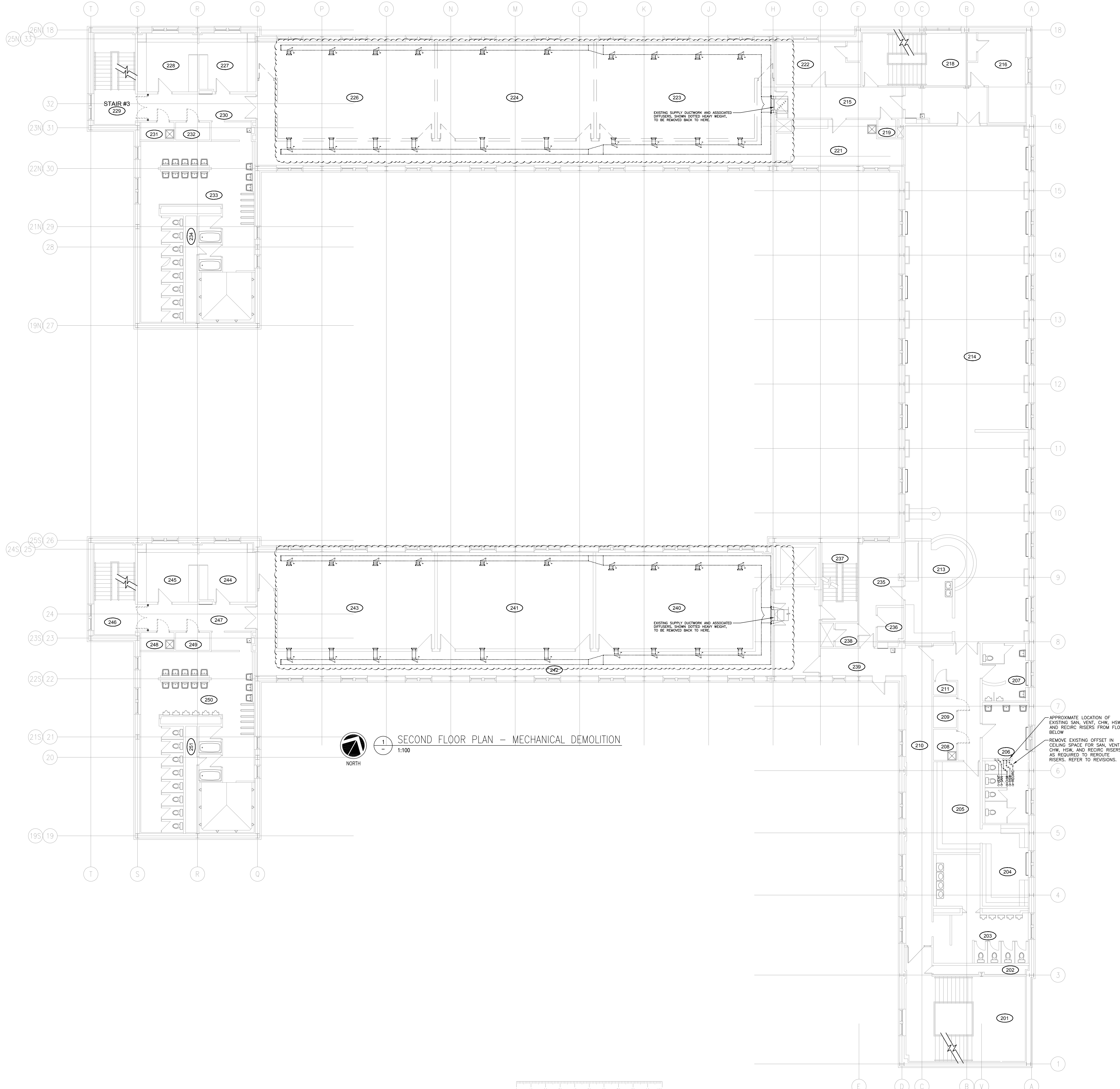
NOTE: ALL EXISTING FIRE EXTINGUISHER CABINETS AND WALL HUNG FIRE EXTINGUISHERS TO REMAIN.

**FIRST FLOOR PLAN**  
1:100

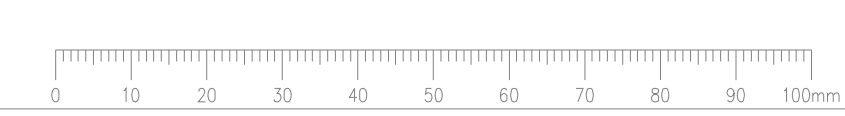




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Discipline: MECH. No. 6093 Signature: *J. D. ...*



**1 SECOND FLOOR PLAN - MECHANICAL DEMOLITION**  
1:100



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Revision/Revision	Description/Description	Date/Date
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Project Title/Titre du projet  
**SHARED LEARNING FACILITY  
REGINA, SK**

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Drawing Title/Titre du dessin  
**SECOND FLOOR PLAN  
MECHANICAL DEMOLITION**







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Permission to Consult held by:  
Discipline: Mech. 6093 Signature: E. M. COOKE

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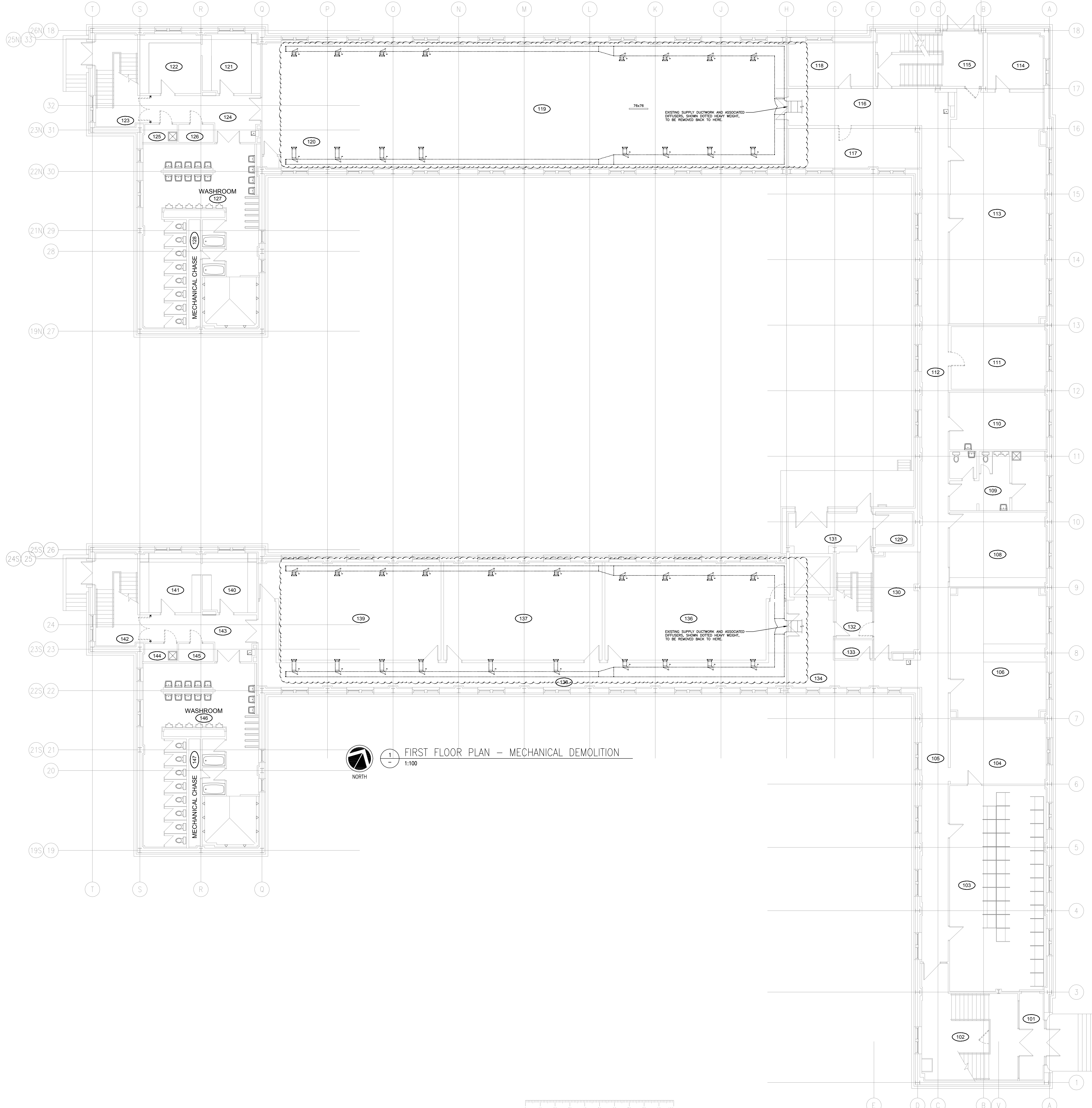
Revision/Revision	Description/Description	Date/Date
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Project Title/Titre du projet  
**SHARED LEARNING FACILITY  
REGINA, SK**

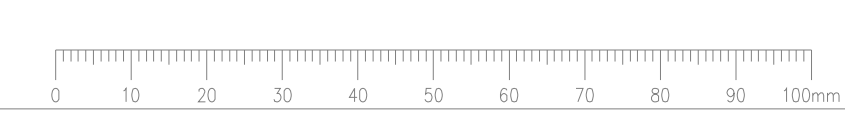
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Ressources Architectural et de Directeur d'Ingénierie

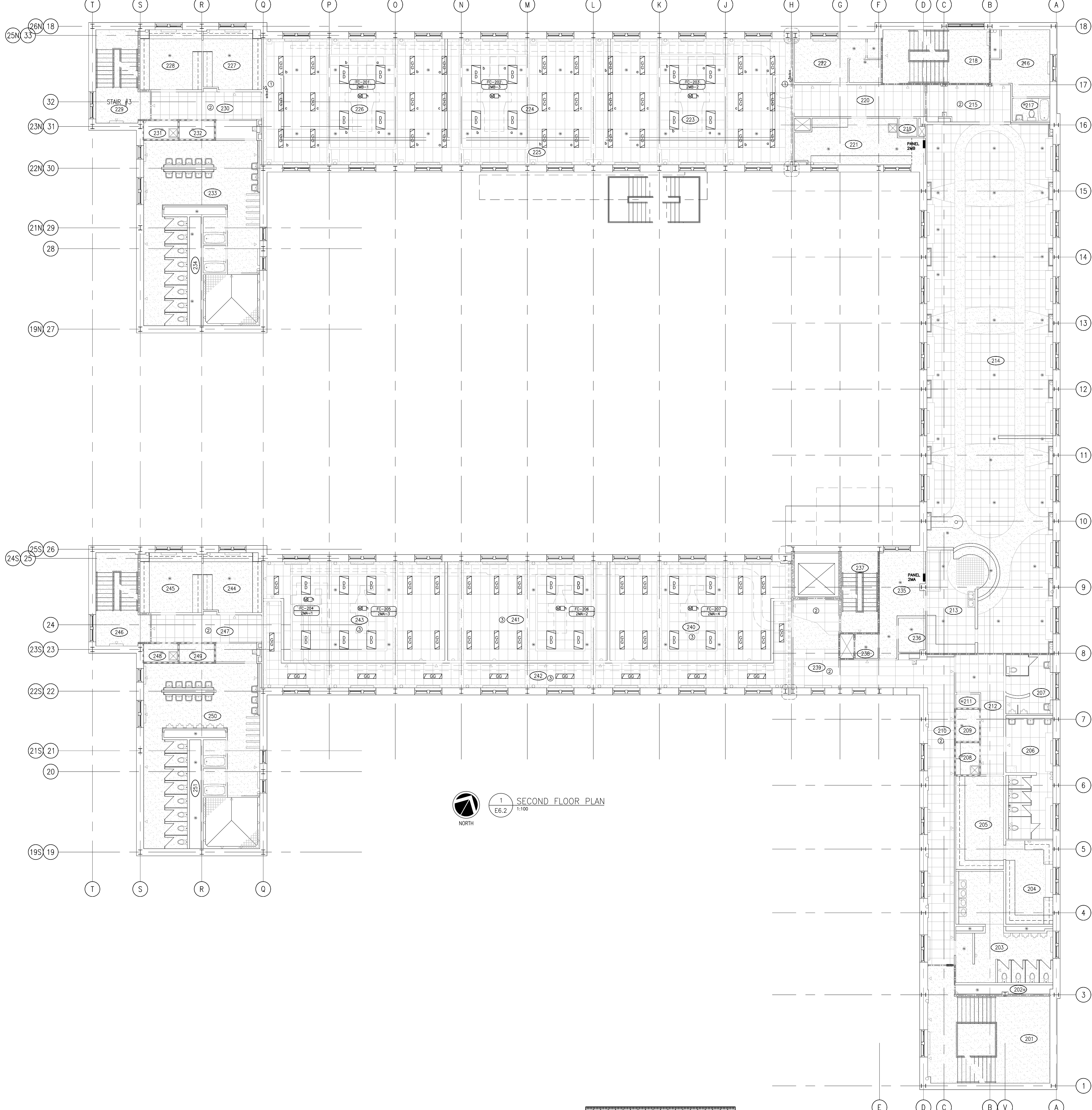
Drawing Title/Titre du dessin  
**FIRST FLOOR PLAN  
MECHANICAL DEMOLITION**

Project No./No. du projet  
**05/2013**  
Sheet/feuille  
**M2-6**  
Revision no./La Révision no.  
**0**



**FIRST FLOOR PLAN – MECHANICAL DEMOLITION**  
1:100  
NORTH





**GENERAL NOTES:**

1. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS A2.5 AND A2.6 FOR CEILING DEMOLITION. CONTRACTOR SHALL REMOVE ALL EXISTING LIGHT FIXTURES FROM CEILINGS BEING REMOVE.
2. RETAIN EXISTING LIGHTING CIRCUITS AND CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUITRY AND SWITCH CONTROL. CONFIRM EXISTING CIRCUIT LIGHTING LOADS. PROVIDE ADDITIONAL LIGHTING CIRCUITS AS REQUIRED.
3. REFER TO ELECTRICAL DEMOLITION DRAWING ED.1 FOR RELOCATION OR REMOVAL OF EXISTING CEILING MOUNTED SPEAKERS OR FIRE ALARM DEVICES.
4. CONNECT NEW MECHANICAL UNITS TO NEW PANEL CIRCUITS AS SHOWN.

**DRAWING NOTES:**

- ① PROVIDE NEW LIGHTING CONTROL 3-WAY SWITCHES FOR THIS ROOM AND CONNECT TO EXISTING LIGHTING CIRCUITS. RE-WORK CIRCUITRY TO ACCOMPLISH LIGHTING CONTROL AS SHOWN.
- ② REMOVE EXISTING LIGHT FIXTURES AND CEILING MOUNTED DEVICES WHERE REQUIRED TO ALLOW FOR CEILING TILE AND CEILING GRID REMOVAL. RE-INSTALL AND RE-CONNECT TO EXISTING CIRCUITS. ANY FIRE ALARM DEVICES THAT ARE REMOVED AND RE-INSTALLED SHALL BE VERIFIED AS OPERATIONAL.
- ③ PROVIDE NEW LIGHT FIXTURES WHERE NEW CEILING TILES OR GRIDS ARE INSTALLED IN THIS AREA AS SHOWN. RE-USE EXISTING CIRCUITS AND SWITCHING.

Revision/Revisión	Description/Description	Date/Date
1	COOLING PACKAGE & ASSOCIATED WORK	2014-01-17

Project title/Titre du projet  
**SHARED LEARNING FACILITY**  
REGINA, SK

Approved by/Approuvé par  
Designed by/Concept par  
**BDK,SBK,GTK**  
Drawn by/Dessiné par  
**GTK**  
Project Manager/Administrateur de Projets  
**AC**  
Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'Ingénierie

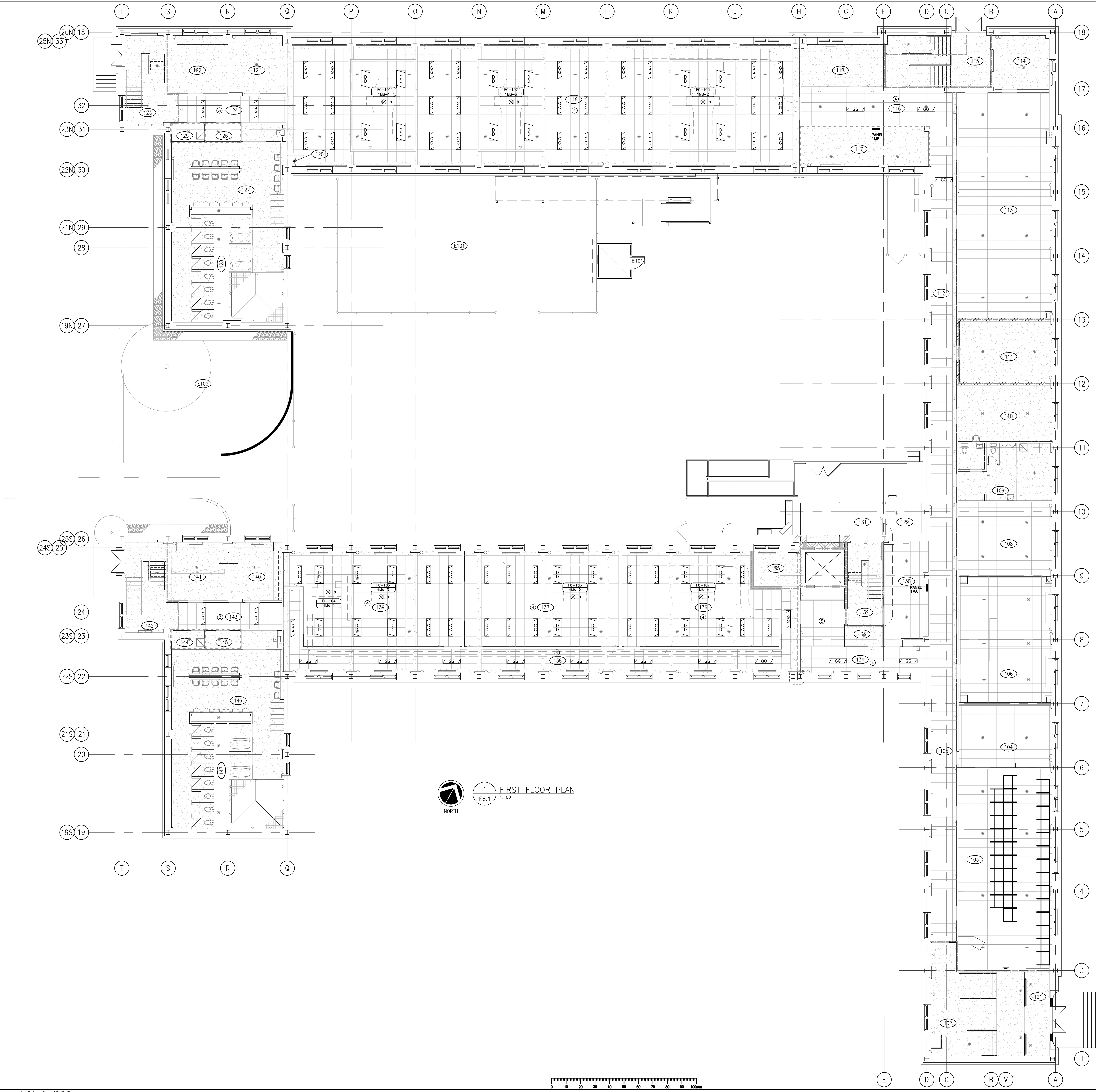
Drawing title/Titre du dessin  
**SECOND FLOOR**  
**LIGHTING/POWER PLAN**

**GENERAL NOTES:**

1. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS A2.5 AND A2.6 FOR CEILING DEMOLITION. CONTRACTOR SHALL REMOVE ALL EXISTING LIGHT FIXTURES FROM CEILINGS BEING REMOVE.
2. RETAIN EXISTING LIGHTING CIRCUITS AND CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUITRY AND SWITCH CONTROL. CONFIRM EXISTING CIRCUIT LIGHTING LOADS. PROVIDE ADDITIONAL LIGHTING CIRCUITS AS REQUIRED.
3. REFER TO ELECTRICAL DEMOLITION DRAWING ED.1 FOR RELOCATION OR REMOVAL OF EXISTING CEILING MOUNTED SPEAKERS OR FIRE ALARM DEVICES.
4. CONNECT NEW MECHANICAL UNITS TO NEW PANEL CIRCUITS AS SHOWN.

**DRAWING NOTES:**

3. PROVIDE NEW LIGHT FIXTURES WHERE CEILING TILES OR GRIDS ARE REMOVED AND RE-INSTALLED IN THIS AREA AS SHOWN. RE-USE EXISTING CIRCUITS.
4. PROVIDE NEW LIGHT FIXTURES IN NEW CEILING GRID AND CONNECT TO EXISTING LIGHTING CIRCUITS AND CONTROL SWITCHING.
5. REMOVE EXISTING LIGHT FIXTURE TO ALLOW FOR CEILING REMOVAL AND RE-INSTALL EXISTING FIXTURES WHEN CEILING IS REPLACED AND RE-CONNECT.



**1 FIRST FLOOR PLAN**  
 E6.1  
 1:100

Revision/Revisión	Description/Description	Date/Date
1	COOLING PACKAGE & ASSOCIATED WORK	2014-03-11

Client/client

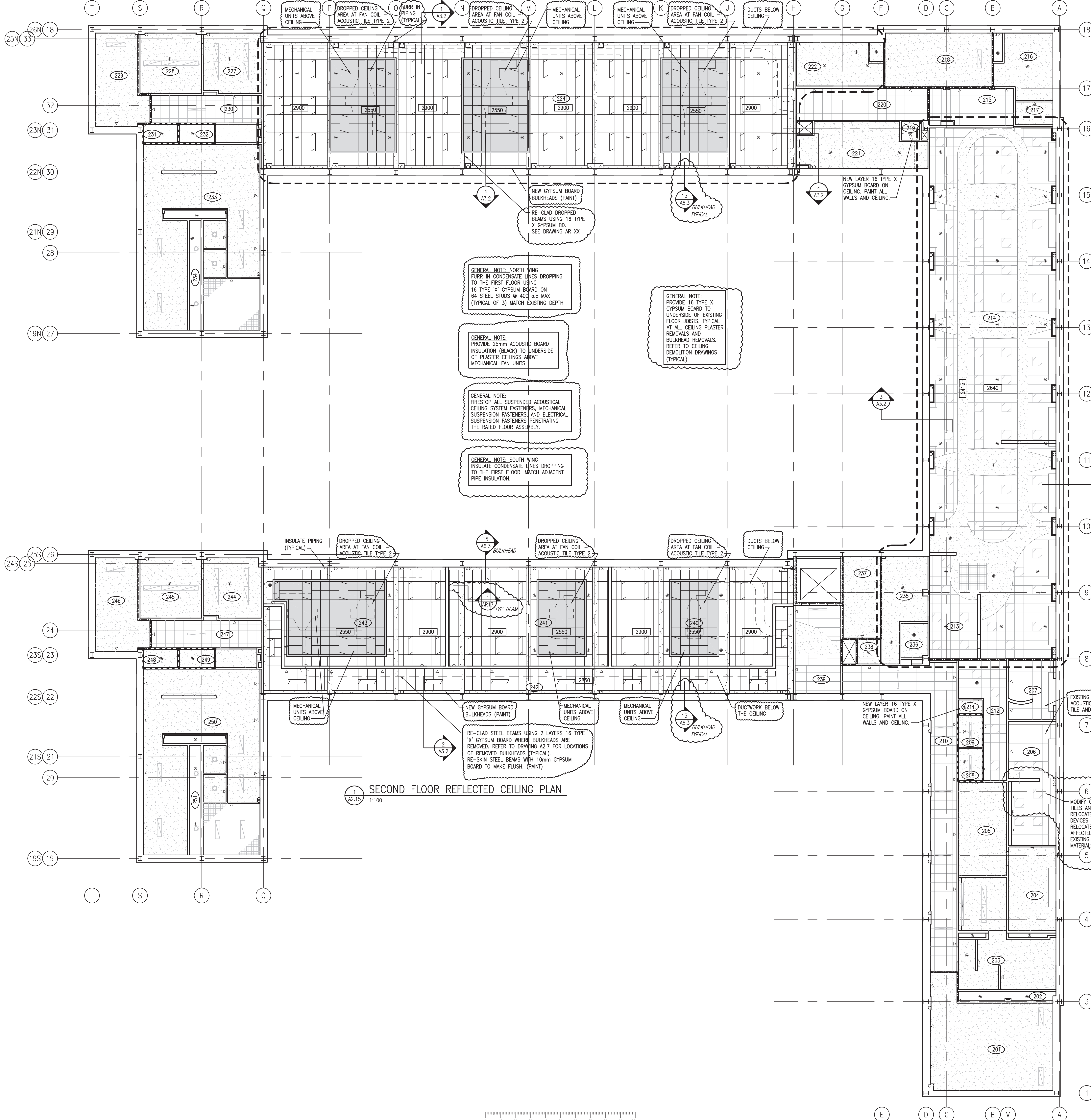
Project title/Titre du projet  
**SHARED LEARNING FACILITY**  
 REGINA, SK

Approved by/Approve par  
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**BDK,SBK,GTK**  
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**GTK**  
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Drawing title/Titre du dessin  
**FIRST FLOOR**  
**LIGHTING/POWER PLAN**

Project No./No. du projet	Sheet/Fuille	Revision no./La Révision
05/2013	E6.1	1





CEILING LEGEND	
[Symbol]	SUPPLY DIFFUSER
[Symbol]	EXHAUST FAN
[Symbol]	SPRINKLER HEAD
[Symbol]	SPRINKLER HEAD - SIDEWALL
[Symbol]	SPRINKLER HEAD - SIDEWALL
[Symbol]	610 x 1220 RECESSED FLUORESCENT FIXTURE
[Symbol]	610 x 610 RECESSED FLUORESCENT FIXTURE
[Symbol]	125 x 1220 SURFACE FLUORESCENT FIXTURE
[Symbol]	POT LIGHTS
[Symbol]	NEW GYPSUM BOARD CEILING OR BULKHEAD
[Symbol]	EXISTING PLASTER TO REMAIN
[Symbol]	610 x 610 SUSPENDED ACOUSTIC TILE (TYPE 2)
[Symbol]	610 x 1220 SUSPENDED ACOUSTIC TILE (TYPE 1)
[Symbol]	13 ABUSE RESISTANT GYPSUM BOARD (EPOXY PAINT) CEILING 13 PLYWOOD BACKING
[Symbol]	PERFORATED METAL CEILING
[Symbol]	NON-PERFORATED METAL CEILING
[Symbol]	610x610 SUSPENDED ACOUSTIC CEILING, ACOUSTIC TILE TYPE 2, PROFILED ALUMINUM EDGE, COLOUR - SILVER GRAY
[Symbol]	2700 CEILING HEIGHT

**GENERAL NOTE**  
 GENERAL CONTRACTOR TO COORDINATE PRE-INSTALLATION MEETING REQUIRED FOR CEILING COORDINATION OF FAN COILS, LIGHTING AND SUSPENDED CEILING WITH DEPARTMENTAL REPRESENTATIVE AND CONSULTANTS.

**GENERAL NOTE**  
 IN AREAS WHERE EXISTING SUSPENDED CEILING IS TO REMAIN, CAREFULLY REMOVE ACOUSTIC CEILING TILE AND CEILING GRID TO ALLOW INSTALLATION OF NEW SPRINKLER SYSTEM. REPLACE TO ORIGINAL CONDITION.

GENERAL NOTE: NORTH WING FURR IN CONDENSATE LINES DROPPING TO THE FIRST FLOOR USING 16 TYPE 'X' GYPSUM BOARD ON 64 STEEL STUDS @ 400 o.c. MAX (TYPICAL OF 3) MATCH EXISTING DEPTH

GENERAL NOTE: PROVIDE 16 TYPE 'X' GYPSUM BOARD TO UNDERSIDE OF EXISTING FLOOR JOISTS. TYPICAL AT ALL CEILING PLASTER REMOVALS AND BULKHEAD REMOVALS. REFER TO CEILING DEMOLITION DRAWINGS (TYPICAL)

GENERAL NOTE: PROVIDE 25mm ACOUSTIC BOARD INSULATION (BLACK) TO UNDERSIDE OF PLASTER CEILING ABOVE MECHANICAL FAN UNITS

GENERAL NOTE: FIRESTOP ALL SUSPENDED ACOUSTICAL CEILING SYSTEM FASTENERS, MECHANICAL SUSPENSION FASTENERS, AND ELECTRICAL SUSPENSION FASTENERS PENETRATING THE RATED FLOOR ASSEMBLY.

GENERAL NOTE: SOUTH WING INSULATE CONDENSATE LINES DROPPING TO THE FIRST FLOOR. MATCH ADJACENT PIPE INSULATION.

1 SECOND FLOOR REFLECTED CEILING PLAN  
 A2.15 1:100

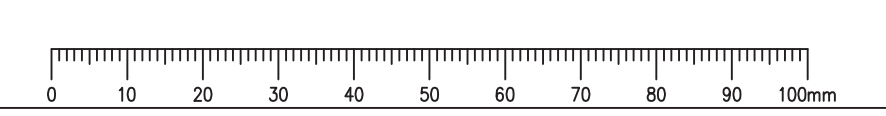
DO NOT SCALE DRAWINGS

Revision/Description	Date/Date
1 COOLING PACKAGE & ASSOCIATED WORK	2014-03-13
0 ISSUED FOR TENDER	2014-01-17

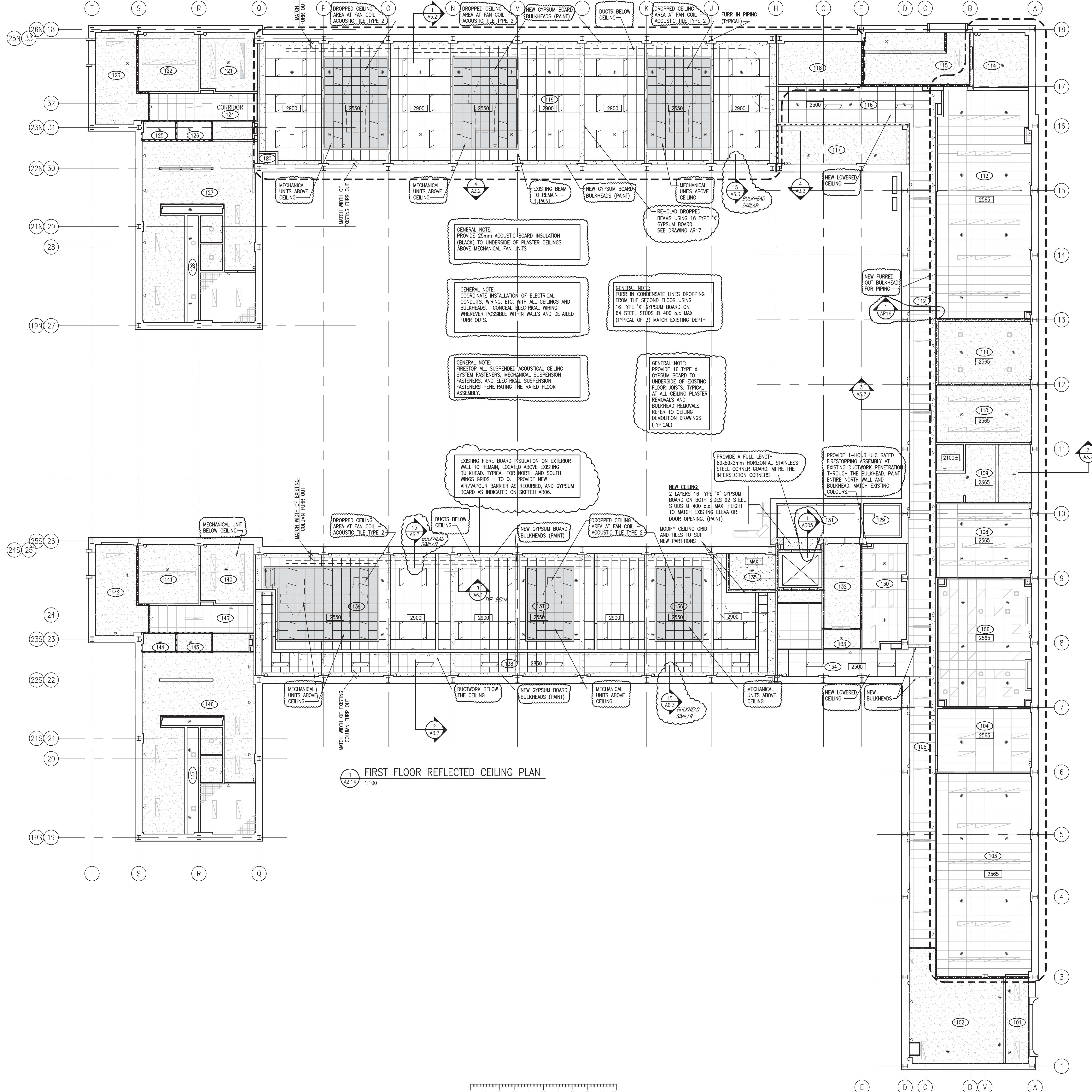
Project title/Titre du projet  
**SHARED LEARNING FACILITY  
 REGINA, SK**

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 Designed by/Concept par  
 RHM/RP  
 Drawn by/Dessine par  
 AC  
 Project Manager/Administrateur de Projets  
 AC  
 Architectural and Engineering Resources Manager/  
 Ressources Architectural et de Directeur d'Ingénierie

Client/client  
 Drawing title/Titre du dessin  
**SECOND FLOOR PLAN  
 REFLECTED CEILING PLAN**







GENERAL NOTE:  
 PROVIDE 25mm ACOUSTIC BOARD INSULATION (BLACK) TO UNDERSIDE OF PLASTER CEILING ABOVE MECHANICAL FAN UNITS

GENERAL NOTE:  
 COORDINATE INSTALLATION OF ELECTRICAL CONDUITS, WIRING, ETC WITH ALL CEILING AND BULKHEADS. CONCEAL ELECTRICAL WIRING WHEREVER POSSIBLE WITHIN WALLS AND DETAILED FURR OUTS.

GENERAL NOTE:  
 FIRESTOP ALL SUSPENDED ACOUSTICAL CEILING SYSTEM FASTENERS, MECHANICAL SUSPENSION FASTENERS, AND ELECTRICAL SUSPENSION FASTENERS PENETRATING THE RATED FLOOR ASSEMBLY.

GENERAL NOTE:  
 FURR IN CONDENSATE LINES DROPPING FROM THE SECOND FLOOR USING 16 TYPE 'X' GYPSUM BOARD ON 64 STEEL STUDS @ 400 o.c. MAX (TYPICAL OF 3) MATCH EXISTING DEPTH

GENERAL NOTE:  
 PROVIDE 16 TYPE 'X' GYPSUM BOARD TO UNDERSIDE OF EXISTING FLOOR JOISTS. TYPICAL AT ALL CEILING PLASTER REMOVALS AND BULKHEAD REMOVALS. REFER TO CEILING DEMOLITION DRAWINGS (TYPICAL)

EXISTING FIBRE BOARD INSULATION ON EXTERIOR WALL TO REMAIN, LOCATED ABOVE EXISTING BULKHEAD. TYPICAL FOR NORTH AND SOUTH WINGS GRIDS H TO Q. PROVIDE NEW AIR/VAPOUR BARRIER AS REQUIRED, AND GYPSUM BOARD AS INDICATED ON SKETCH A066.

NEW CEILING:  
 2 LAYERS 16 TYPE 'X' GYPSUM BOARD ON BOTH SIDES 92 STEEL STUDS @ 400 o.c. MAX. HEIGHT TO MATCH EXISTING ELEVATOR DOOR OPENING. (PAINT)

PROVIDE 1-HOUR ULC RATED FIRESTOPPING ASSEMBLY AT EXISTING DUCTWORK PENETRATION THROUGH THE BULKHEAD. PAINT ENTIRE NORTH WALL AND BULKHEAD. MATCH EXISTING COLOURS.

1 FIRST FLOOR REFLECTED CEILING PLAN  
 A2.14 1:100

CEILING LEGEND	
[Symbol]	SUPPLY DIFFUSER
[Symbol]	EXHAUST FAN
[Symbol]	SPRINKLER HEAD
[Symbol]	SPRINKLER HEAD - SIDEWALL
[Symbol]	SPRINKLER HEAD - SIDEWALL
[Symbol]	610 x 1220 RECESSED FLUORESCENT FIXTURE
[Symbol]	610 x 610 RECESSED FLUORESCENT FIXTURE
[Symbol]	125 x 1220 SURFACE FLUORESCENT FIXTURE
[Symbol]	POT LIGHTS
[Symbol]	NEW GYPSUM BOARD CEILING OR BULKHEAD
[Symbol]	EXISTING PLASTER TO REMAIN
[Symbol]	610 x 610 SUSPENDED ACOUSTIC TILE (TYPE 2)
[Symbol]	610 x 1220 SUSPENDED ACOUSTIC TILE (TYPE 1)
[Symbol]	13 ABUSE RESISTANT GYPSUM BOARD (EPOXY PAINT) CEILING 13 PLYWOOD BACKING
[Symbol]	PERFORATED METAL CEILING
[Symbol]	NON-PERFORATED METAL CEILING
[Symbol]	610x610 SUSPENDED ACOUSTIC CEILING, ACOUSTIC TILE TYPE 2, PROFILED ALUMINUM EDGE, COLOUR - SILVER GRAY
[Symbol]	2700 CEILING HEIGHT

GENERAL NOTE  
 GENERAL CONTRACTOR TO COORDINATE PRE-INSTALLATION MEETING REQUIRED FOR CEILING COORDINATION OF FAN COILS, LIGHTING AND SUSPENDED CEILING WITH DEPARTMENTAL REPRESENTATIVE AND CONSULTANTS.

GENERAL NOTE  
 IN AREAS WHERE EXISTING SUSPENDED CEILING IS TO REMAIN, CAREFULLY REMOVE ACOUSTIC CEILING TILE AND CEILING GRID TO ALLOW INSTALLATION OF NEW SPRINKLER SYSTEM. REPLACE TO ORIGINAL CONDITION.

DO NOT SCALE DRAWINGS

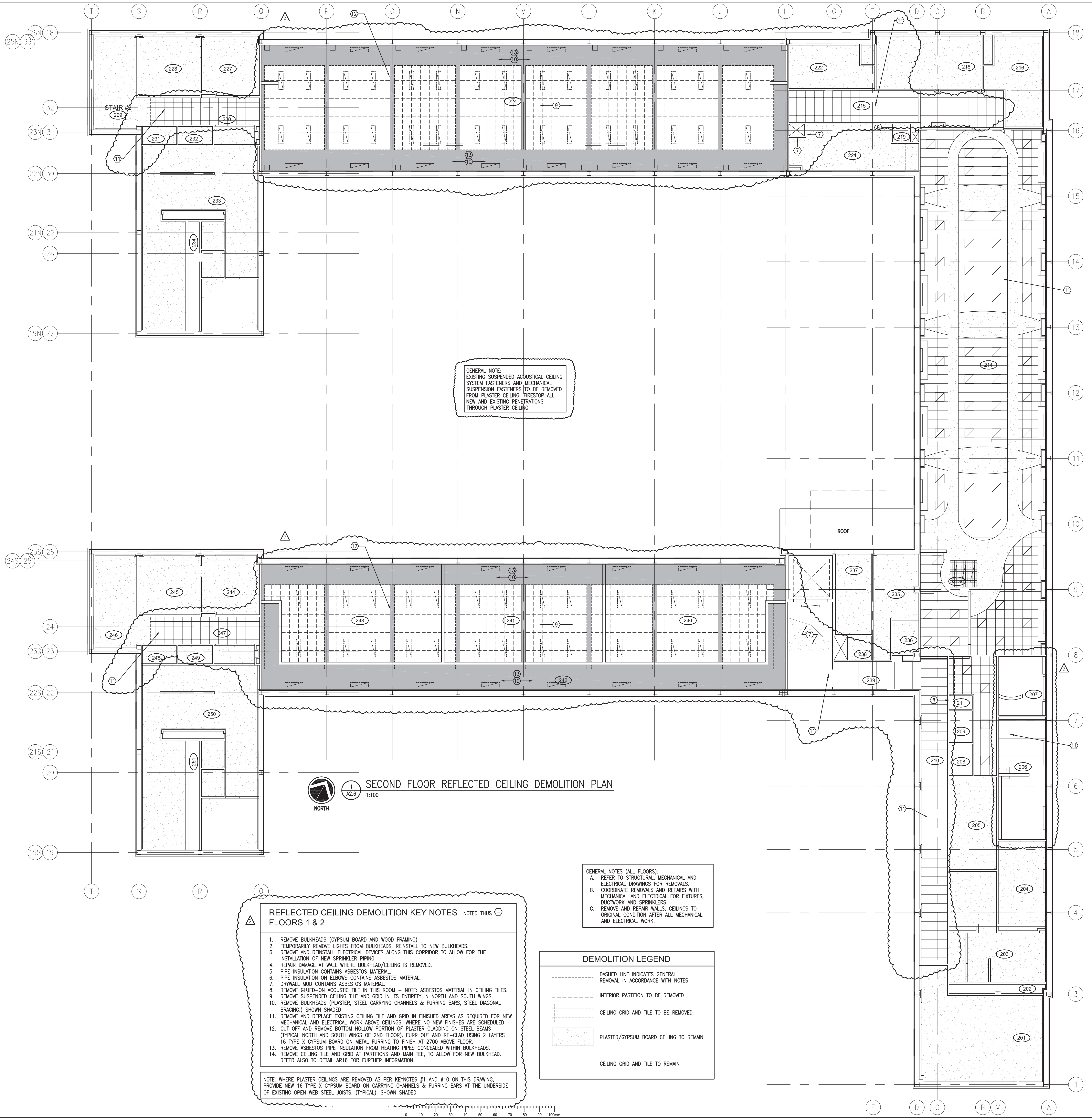
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1 COOLING PACKAGE & ASSOCIATED WORK	2014-03-13
0 ISSUED FOR TENDER	2014-01-17

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**SHARED LEARNING FACILITY  
 REGINA, SK**

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 RHM/RP  
 Project Manager/Administrateur de Projets  
 AC  
 Architectural and Engineering Resources Manager/  
 Ressources Architectural et de Directeur d'Ingénierie

Drawing title/Titre du dessin  
**FIRST FLOOR PLAN  
 REFLECTED CEILING PLAN**





GENERAL NOTE:  
 EXISTING SUSPENDED ACOUSTICAL CEILING SYSTEM FASTENERS AND MECHANICAL SUSPENSION FASTENERS TO BE REMOVED FROM PLASTER CEILING. FIRESTOP ALL NEW AND EXISTING PENETRATIONS THROUGH PLASTER CEILING.

**SECOND FLOOR REFLECTED CEILING DEMOLITION PLAN**  
 1:100  
 NORTH

GENERAL NOTES (ALL FLOORS):  
 A. REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR REMOVALS.  
 B. COORDINATE REMOVALS AND REPAIRS WITH MECHANICAL AND ELECTRICAL FOR FIXTURES, DUCTWORK AND SPRINKLERS.  
 C. REMOVE AND REPAIR WALLS, CEILINGS TO ORIGINAL CONDITION AFTER ALL MECHANICAL AND ELECTRICAL WORK.

**DEMOLITION LEGEND**

	DASHED LINE INDICATES GENERAL REMOVAL IN ACCORDANCE WITH NOTES
	INTERIOR PARTITION TO BE REMOVED
	CEILING GRID AND TILE TO BE REMOVED
	PLASTER/GYPSUM BOARD CEILING TO REMAIN
	CEILING GRID AND TILE TO REMAIN

- REFLECTED CEILING DEMOLITION KEY NOTES** NOTED THUS ☞
- REMOVE BULKHEADS (GYPSUM BOARD AND WOOD FRAMING)
  - TEMPORARILY REMOVE LIGHTS FROM BULKHEADS. REINSTALL TO NEW BULKHEADS.
  - REMOVE AND REINSTALL ELECTRICAL DEVICES ALONG THIS CORRIDOR TO ALLOW FOR THE INSTALLATION OF NEW SPRINKLER PIPING.
  - REPAIR DAMAGE AT WALL WHERE BULKHEAD/CEILING IS REMOVED.
  - PIPE INSULATION CONTAINS ASBESTOS MATERIAL.
  - PIPE INSULATION ON ELBOWS CONTAINS ASBESTOS MATERIAL.
  - DRYWALL MUD CONTAINS ASBESTOS MATERIAL.
  - REMOVE GLUED-ON ACOUSTIC TILE IN THIS ROOM -- NOTE: ASBESTOS MATERIAL IN CEILING TILES.
  - REMOVE SUSPENDED CEILING TILE AND GRID IN ITS ENTIRETY IN NORTH AND SOUTH WINGS.
  - REMOVE BULKHEADS (PLASTER, STEEL CARRYING CHANNELS & FURRING BARS, STEEL DIAGONAL BRACING.) SHOWN SHADED
  - REMOVE AND REPLACE EXISTING CEILING TILE AND GRID IN FINISHED AREAS AS REQUIRED FOR NEW MECHANICAL AND ELECTRICAL WORK ABOVE CEILINGS, WHERE NO NEW FINISHES ARE SCHEDULED
  - CUT OFF AND REMOVE BOTTOM HOLLOW PORTION OF PLASTER CLADDING ON STEEL BEAMS (TYPICAL NORTH AND SOUTH WINGS OF 2ND FLOOR). FURR OUT AND RE-CLAD USING 2 LAYERS 16 TYPE X GYPSUM BOARD ON METAL FURRING TO FINISH AT 2700 ABOVE FLOOR.
  - REMOVE ASBESTOS PIPE INSULATION FROM HEATING PIPES CONCEALED WITHIN BULKHEADS.
  - REMOVE CEILING TILE AND GRID AT PARTITIONS AND MAIN TEE, TO ALLOW FOR NEW BULKHEAD. REFER ALSO TO DETAIL AR16 FOR FURTHER INFORMATION.

NOTE: WHERE PLASTER CEILINGS ARE REMOVED AS PER KEYNOTES #1 AND #10 ON THIS DRAWING, PROVIDE NEW 16 TYPE X GYPSUM BOARD ON CARRYING CHANNELS & FURRING BARS AT THE UNDERSIDE OF EXISTING OPEN WEB STEEL JOISTS. (TYPICAL), SHOWN SHADED.

**DO NOT SCALE DRAWINGS**

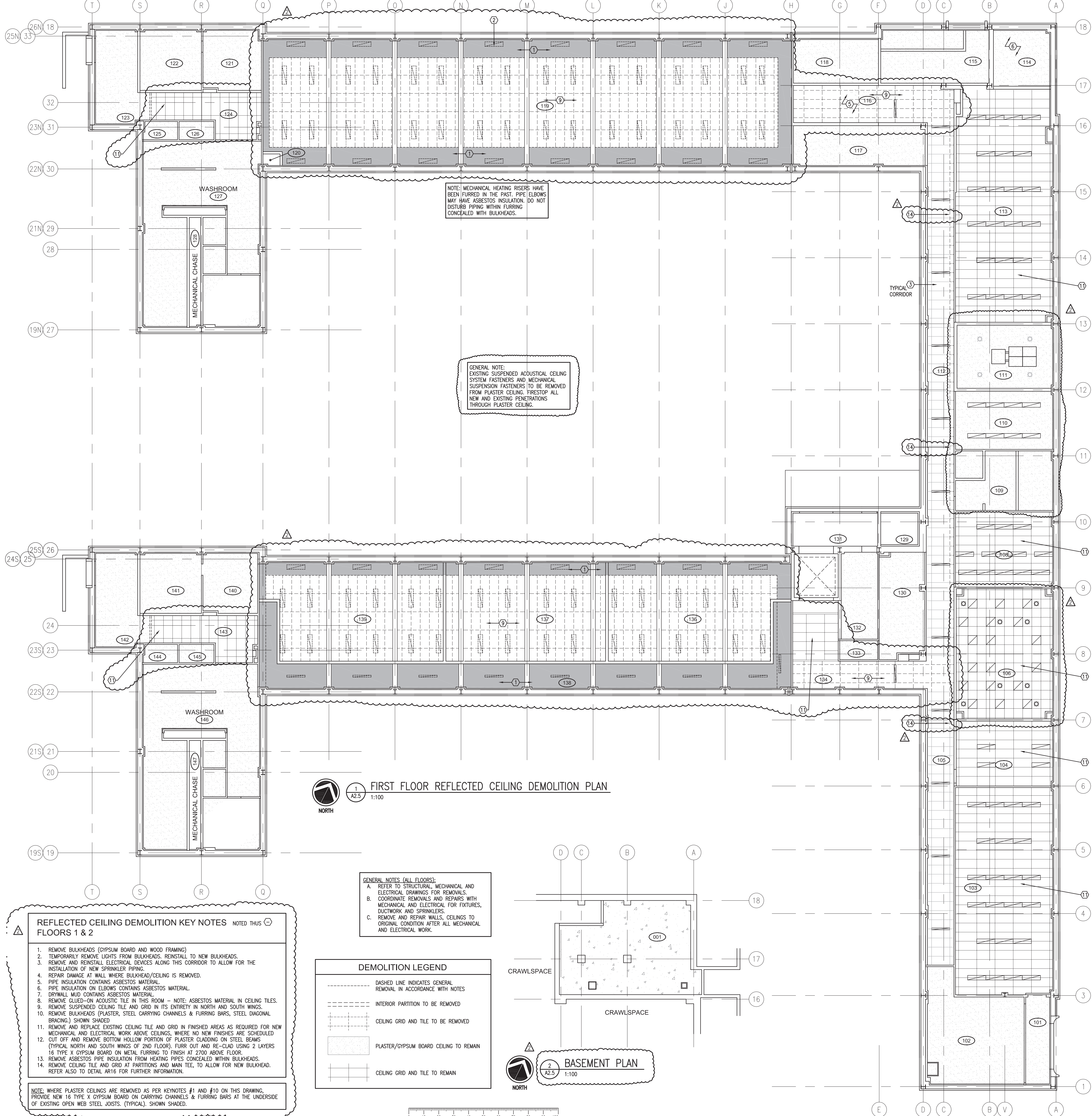
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Drawing title/Titre du dessin  
**SECOND FLOOR REFLECTED CEILING DEMOLITION PLAN**





NOTE: MECHANICAL HEATING RISERS HAVE BEEN FURRED IN THE PAST. PIPE ELBOWS MAY HAVE ASBESTOS INSULATION. DO NOT DISTURB PIPING WITHIN FURRING CONCEALED WITH BULKHEADS.

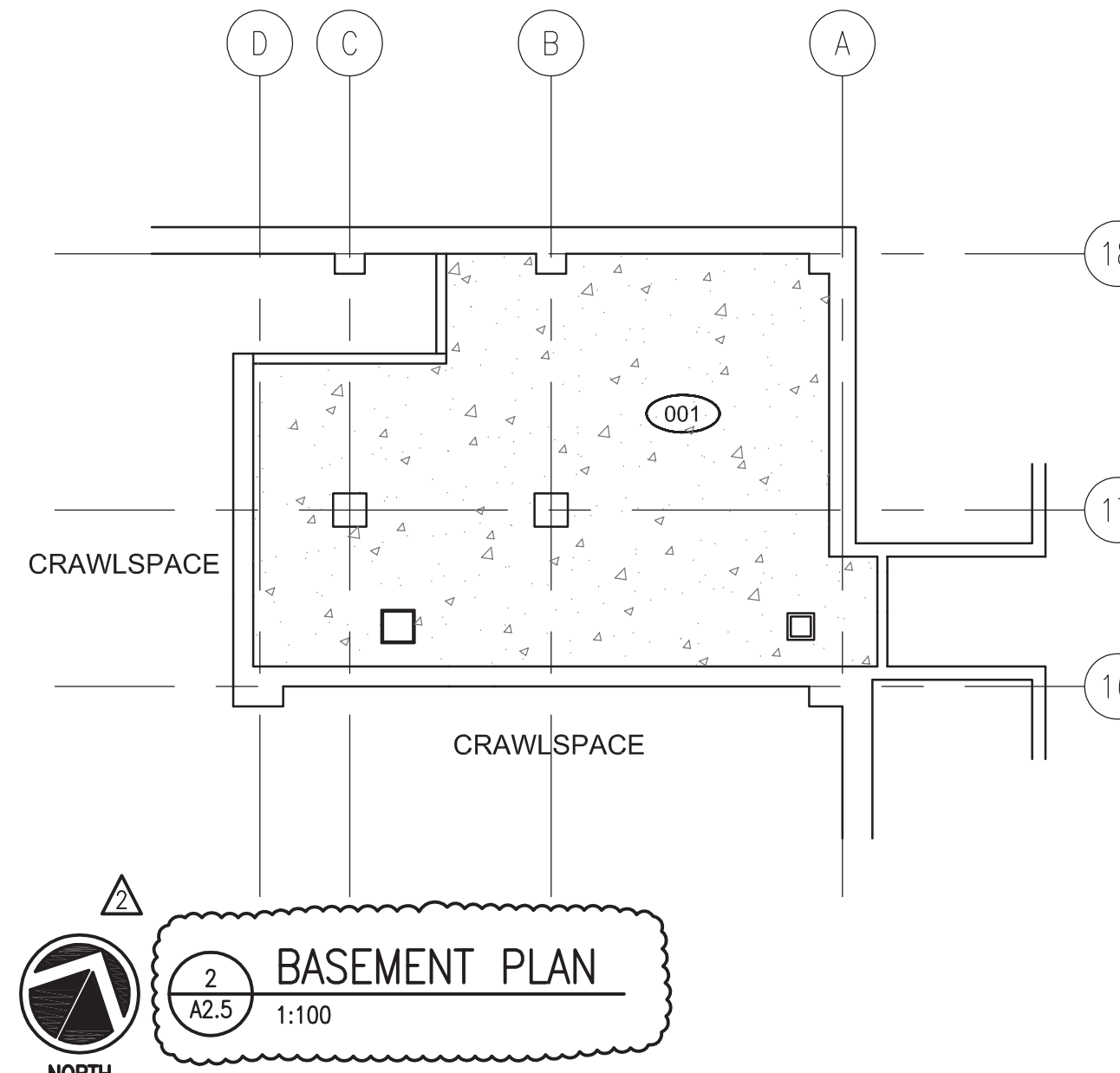
GENERAL NOTE: EXISTING SUSPENDED ACOUSTICAL CEILING SYSTEM FASTENERS AND MECHANICAL SUSPENSION FASTENERS TO BE REMOVED FROM PLASTER CEILING. FIRESTOP ALL NEW AND EXISTING PENETRATIONS THROUGH PLASTER CEILING.

**FIRST FLOOR REFLECTED CEILING DEMOLITION PLAN**  
 1  
 A2.5  
 1:100

**GENERAL NOTES (ALL FLOORS):**  
 A. REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR REMOVALS.  
 B. COORDINATE REMOVALS AND REPAIRS WITH MECHANICAL AND ELECTRICAL FOR FIXTURES, DUCTWORK AND SPRINKLERS.  
 C. REMOVE AND REPAIR WALLS, CEILINGS TO ORIGINAL CONDITION AFTER ALL MECHANICAL AND ELECTRICAL WORK.

**DEMOLITION LEGEND**

	DASHED LINE INDICATES GENERAL REMOVAL IN ACCORDANCE WITH NOTES
	INTERIOR PARTITION TO BE REMOVED
	CEILING GRID AND TILE TO BE REMOVED
	PLASTER/GYPSUM BOARD CEILING TO REMAIN
	CEILING GRID AND TILE TO REMAIN



**REFLECTED CEILING DEMOLITION KEY NOTES FLOORS 1 & 2** NOTED THIS

- REMOVE BULKHEADS (GYPSUM BOARD AND WOOD FRAMING)
- TEMPORARILY REMOVE LIGHTS FROM BULKHEADS. REINSTALL TO NEW BULKHEADS.
- REMOVE AND REINSTALL ELECTRICAL DEVICES ALONG THIS CORRIDOR TO ALLOW FOR THE INSTALLATION OF NEW SPRINKLER PIPING.
- REPAIR DAMAGE AT WALL WHERE BULKHEAD/CEILING IS REMOVED.
- PIPE INSULATION CONTAINS ASBESTOS MATERIAL.
- PIPE INSULATION ON ELBOWS CONTAINS ASBESTOS MATERIAL.
- DRYWALL MUD CONTAINS ASBESTOS MATERIAL.
- REMOVE GLUED-ON ACOUSTIC TILE IN THIS ROOM - NOTE: ASBESTOS MATERIAL IN CEILING TILES.
- REMOVE SUSPENDED CEILING TILE AND GRID IN ITS ENTIRETY IN NORTH AND SOUTH WINGS.
- REMOVE BULKHEADS (PLASTER, STEEL CARRYING CHANNELS & FURRING BARS, STEEL DIAGONAL BRACING.) SHOWN SHADED
- REMOVE AND REPLACE EXISTING CEILING TILE AND GRID IN FINISHED AREAS AS REQUIRED FOR NEW MECHANICAL AND ELECTRICAL WORK ABOVE CEILINGS, WHERE NO NEW FINISHES ARE SCHEDULED
- CUT OFF AND REMOVE BOTTOM HOLLOW PORTION OF PLASTER CLADDING ON STEEL BEAMS (TYPICAL NORTH AND SOUTH WINGS OF 2ND FLOOR). FURR OUT AND RE-CLAD USING 2 LAYERS 16 TYPE X GYPSUM BOARD ON METAL FURRING TO FINISH AT 2700 ABOVE FLOOR.
- REMOVE ASBESTOS PIPE INSULATION FROM HEATING PIPES CONCEALED WITHIN BULKHEADS.
- REMOVE CEILING TILE AND GRID AT PARTITIONS AND MAIN TEE, TO ALLOW FOR NEW BULKHEAD. REFER ALSO TO DETAIL A216 FOR FURTHER INFORMATION.

NOTE: WHERE PLASTER CEILINGS ARE REMOVED AS PER KEYNOTES #1 AND #10 ON THIS DRAWING, PROVIDE NEW 16 TYPE X GYPSUM BOARD ON CARRYING CHANNELS & FURRING BARS AT THE UNDERSIDE OF EXISTING OPEN WEB STEEL JOISTS. (TYPICAL). SHOWN SHADED.

**DO NOT SCALE DRAWINGS**

Revision/Revisions	Description/Description	Date/Date
1	COOLING PACKAGE & ASSOCIATED WORK	2014-03-13
0	ISSUED FOR TENDER	2014-01-17

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 REGINA, SK

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 Designed by/Concept par  
 RP/CS  
 Drawn by/Dessine par  
 RP/CS  
 Project Manager/Administrateur de Projets  
 AC  
 Architectural and Engineering Resources Manager/  
 Ressources Architectural et de Directeur d'ingénierie

Client/client  
 Drawing Title/Titre du dessin  
**FIRST FLOOR REFLECTED CEILING DEMOLITION PLAN**

