

ADDENDUM NUMBER: ONE

**ISSUED BY: SEPW Architecture Inc.
206 – 1275 Broad Street, Regina, SK S4R 1Y2
PH. (306) 569-2255**

**PROJECT: ESDC – PPT REGINA AMALGAMATION
REGINA, SK**

This Addendum forms part of the Contract Documents and amends the original Drawings and Specifications dated 2021-03-17, previous Addenda if applicable and as noted below. This Addendum consists of 6 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 Specifications and Drawings accompany and form an integral part of this Addendum:

Section	Title	Date of Issue
	n/a	

Dwg. No.	Title	Date of Issue
A0.0R2	Cover Sheet	2021.06.28
A2.3R1	Basement Plan - Demo, Basement Plan - Revised, Basement Reflected Ceiling Plan - Revised	2021.06.28
A2.4R1	Main Floor Plan, Partition & Wall Types, Large Scale Plan	2021.06.28
A2.5R1	Main Floor Reflected Ceiling Plan	2021.06.28
A2.8R1	Second Floor Plan	2021.06.28
A2.9	Basement Floor Plan	2021.06.28
A3.1R1	Interior Elevations	2021.06.28
A4.3R1	Details	2021.06.28
A4.4R1	Details	2021.06.28
M1.1 Rev1	HVAC Demolition Plan	2021.06.29
M1.2 Rev1	Main Floor Main Floor Fire Protection Demolition	2021.06.29
M2.1 Rev1	Heating & Chilled Water System, Plumbing, Tie-in Schematics	2021.06.29
M3.1 Rev1	Main Floor HVAC New Construction Plan	2021.06.29
M4.1 Rev1	Main Floor Fire Protection Plan	2021.06.29
M5.1 Rev1	Mechanical Details, Equipment Schedules	2021.06.29
E2.2R1	Main Floor Lighting Plan	2021.06.24
E2.5R1	Main Floor Fire Alarm and Security Rough In Plan	2021.06.24

A-1-1 REF. ARCHITECTURAL REQUESTS FOR EQUALS

- .1 Suppliers of approved products are responsible to ensure that the following approved equals fully meet the requirements of the drawings and specifications, and that the approved equals do not diminish both the grade of product and appearance to those products specified. Claims by the General Contractor for additional costs to alter other building systems to suit the supply and installation of all approved equals will not be entertained. The following manufacturers and products listed are considered as approved equals to the specified products:

Specification Section	Specified Product	Approved Equivalent
10 22 19 Demountable Partitions	Haworth - Enclose Teknion - Altos	PLS Partition Systems - Executive

A-1-2 REF. SECTION 08 71 00, DOOR HARDWARE

- .1 2.2.12 CLARIFICATION; the operator housing is to be installed such that the bottom side of the operator housing is installed flush with the top of the aluminum door frame. Extend closer arms as required for installation.
- .2 Reference 3.6 SCHEDULE; REVISE the following hardware groups:
Door 150.1.1
ADD 1 closer (within power door operator header) Match arm configuration of the closer that comes equipped within the door operator assembly. (Total of 2 closers required)
Door 170.1.1
DELETE 3 hinges
ADD 1 lockset b) (ANSI F04 Classroom)
ADD 1 closer
ADD 1 set weatherstripping c/w door bottom seal

A-1-3 REF. SECTION 08 90 10, DOOR, FRAME AND HARDWARE SCHEDULE

- .1 Reference Door, Frame and Hardware Schedule; REVISE the following doors and frames:
Door 007
REVISE fire protection rating to 1.5-HR
Doors 150.1.1
REVISE door size to 2 - 914 x 2438
Door 170.1.1
REVISE door size to 1 - 900 x 2150

A-1-4 REF. SECTION 10 22 19, DEMOUNTABLE PARTITIONS

- .1 2.4.2 REVISE to read
“Modular electrical components conforming to UL 183 / CSA C22.2 #203.1 Standard for Manufactured Wiring Systems.”

A-1-5 REF. MECHANICAL REQUESTS FOR EQUALS

- .1 Suppliers of approved products are responsible to ensure that the following approved equals fully meet the requirements of the drawings and specifications, and that the approved equals do not diminish both the grade of product and appearance to those products specified. Claims by the General Contractor for additional costs to alter other building systems to suit the supply and installation of any approved equal will not be entertained. The following manufacturers and products listed are considered as approved equals to the specified products:

Equipment	Manufacturers
Fan Coil	Daikin
Force Flows	Rittling
Humidifier	Condair
Grilles & Diffusers	Nailor
Flow Control Valves & Strainers	Nexus

A-1-6 REF. SECTION 22 13 18, DRAINAGE WASTE AND VENT PIPING - PLASTIC

- .1 1.1.1.1 DELETE this paragraph in its entirety. ABS piping is not to be used as DWV piping material.
- .2 2.1 ADD the following
“2.1.2 Piping is to be solvent welded PVC. Piping installed in ceiling plenums is to have a flame spread rating no more than 25, and a smoked develop classification of no more than 50.”

A-1-7 REF. DRAWING A0.0

- .1 REPLACE this drawing in its entirety with Drawing A0.0R2 accompanying this addendum.

A-1-8 REF. DRAWING A2.3

- .1 REPLACE this drawing in its entirety with Drawing A2.3R1 accompanying this addendum.

A-1-9 REF. DRAWING A2.4

- .1 REPLACE this drawing in its entirety with Drawing A2.4R1 accompanying this addendum.
- .2 Reference Detail 1, Main Floor Plan; REVISE wording for firestopping along Gridline 3 and between Gridlines G and H as per Drawing A2.4R1 accompanying this addendum.
- .3 Reference Detail 1, Main Floor Plan; REVISE note adjacent to Room 108 symbol, refer to concrete slab infill, as per Drawing A2.4R1 accompanying this addendum.
- .4 Reference Detail 1, Main Floor Plan; REVISE Door 170.1.1 to a single 900 x 2150 size, as per Drawing A2.4R1 accompanying this addendum.
- .5 Reference Partition Types Schedule: REVISE P2, P3, and P4 partition fire resistance ratings as per Drawing A2.4R1 accompanying this addendum.

A-1-10 REF. DRAWING A2.5

- .1 REPLACE this drawing in its entirety with Drawing A2.5R1 accompanying this addendum.

A-1-11 REF. DRAWING A2.9

- .1 ADD this drawing in its entirety accompanying this addendum.

A-1-12 REF. DRAWING A3.1

- .1 REPLACE this drawing in its entirety with Drawing A3.1R1 accompanying this addendum.
- .2 Reference Detail 1, Corridor 104 Interior Elevation; CLARIFICATION, refer to drawing A3.1R1 accompanying this addendum for location of automatic door operator bump bar in Corridor 104 and the designated active door.

A-1-13 REF. DRAWING A4.1

- .1 Reference Building Section and Wall Sections; CLARIFICATION, there is a 2-hour fire resistance rating separating the Basement and Main Floors. Firestop all new and existing penetrations through the floor assembly.

A-1-14 REF. DRAWING A4.3

- .1 REPLACE this drawing in its entirety with Drawing A4.3R1 accompanying this addendum.
- .2 Reference Detail 18, Exit Door Plan; REPLACE this detail as per Drawing A4.3R1 accompanying this addendum.

A-1-15 REF. DRAWING A4.4

- .1 REPLACE this drawing in its entirety with Drawing A4.4R1 accompanying this addendum.
- .2 Reference Detail 5, Column Furring; REPLACE this detail as per Drawing A4.4R1 accompanying this addendum.

A-1-16 REF. DRAWING M1.1

- .1 REPLACE this drawing in its entirety with Drawing M1.1 Rev1 accompanying this addendum.

A-1-17 REF. DRAWING M1.2

- .1 REPLACE this drawing in its entirety with Drawing M1.2 Rev1 accompanying this addendum.

A-1-18 REF. DRAWING M2.1

- .1 REPLACE this drawing in its entirety with Drawing M2.1 Rev1 accompanying this addendum.

A-1-19 REF. DRAWING M3.1

- .1 REPLACE this drawing in its entirety with Drawing M3.1 Rev1 accompanying this addendum.

A-1-20 REF. DRAWING M4.1

- .1 REPLACE this drawing in its entirety with Drawing M4.1 Rev1 accompanying this addendum.

A-1-21 REF. DRAWING M5.1

- .1 REPLACE this drawing in its entirety with Drawing M5.1 Rev1 accompanying this addendum.

A-1-22 REF. DRAWING E2.2

- .1 Reference Detail 1, Main Floor Lighting Plan; Room 170.1; PROVIDE and install one type EA light fixture above Door 170.1.1. Circuit to circuit E0B6-2. Refer to Drawing E2.2R1 accompanying this addendum.

A-1-23 REF. DRAWING E2.4

- .1 Reference Detail 2, Room 150.7 Building Systems Plan; Room 170.1; CLARIFICATION, Front of floor mounted data rack supplied by Shared Services and installed by electrical contractor shall be installed 1000mm clear of south wall of room and east side of rack shall be located 200mm clear of east wall of room. Confirm mounting location on site with IT personnel prior to securing to floor.
- .2 Reference Detail 2, Room 150.7 Building Systems Plan; Room 170.1; CLARIFICATION, Cable tray, note '39' shall be installed at 2250mm A.F.F. South side of cable tray shall be located in line with back of floor mounted rack. Confirm mounting location on site with IT personnel prior to installing.

A-1-24 REF. DRAWING E2.5

- .1 Reference Detail 1, Main Floor Fire Alarm and Security Rough In Plan; Room 105.1; DELETE installation of fire alarm pull station at Door 105.1.2. Refer to Drawing E2.5R1 accompanying this addendum.
- .2 Reference Detail 1, Main Floor Fire Alarm and Security Rough In Plan; Room 105.1; PROVIDE and install fire alarm pull station at Door 105.1.1. Refer to Drawing E2.5R1 accompanying this addendum.
- .3 Reference Detail 1, Main Floor Fire Alarm and Security Rough In Plan; Room 105.4; PROVIDE and install one duct smoke detector in mechanical ductwork prior to ductwork crossing into Corridor 105. Connect duct smoke detector to the main floor initiating circuit in the existing zone in which it is located. Refer to Drawing E2.5R1 accompanying this addendum.
- .4 Reference Detail 1, Main Floor Fire Alarm and Security Rough In Plan; Room 105.13; PROVIDE and install two duct smoke detectors in mechanical ductwork prior to ductwork crossing into Corridor 105.1. Connect duct smoke detector to the main floor initiating circuit in the existing zone in which it is located. Refer to Drawing E2.5R1 accompanying this addendum.

A-1-25 REF. DRAWING E3.1

- .1 Reference Wireless Lighting Control System Notes;
 - .1 The pre-approved manufacturers listed on drawing E3.1 will also include Osram Encelium.
 - .2 Detailed schematics of the proposed systems, detailed bill of materials, detailed wiring diagram, data sheet for each device and confirmation of compatibility for each

device is not required. The system components must comply with the performance specification listed on the drawings and detailed in the specifications.

- .3 The existing building lighting control system is an Osram Encelium wireless lighting control system. Any lighting control system devices and components provided as part of this renovation must operate in conjunction with the existing building lighting control system. Provide any required components or relays as required for the new equipment to operate on the existing building lighting control system.

A-1-26 REF. GENERAL QUESTIONS RAISED BY BIDDERS

- .1 Q#01: Request for equals for mechanical equipment?

A#01: Refer to Addendum item A-1-5

The manufacturer must meet the specified requirements for the basis of design. All 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 all products they propose to use meets the requirement of the project in full.

2. Q#02: I noticed on dwg. # A5.1, room # 150.1 on the main floor a lay-out that looks like there may be some type of storage system shown. Please confirm if there is any shelving requirement on this project; either in terms of a new installation, or the tear-down and re-build of an existing system, many thanks.

A#02: All furniture, cabinets, tables, chairs, lockers, etc. shown on Drawing A5.1 will be procured by the Departmental Representative outside of this contract.

3. Q#03: I was working on putting a quote together for the Lighting control for this project. We also have a quote for the lighting on the project we are putting together. I might not be able to integrate with my controls into the existing Osram Encelium system as is being asked, but we still want to be able to bid the lighting. We were looking for a cash allowance for the lighting controls so that we would still be able to bid the lighting. Is a cash allowance for the Lighting controls something we would be able to get for this project?

A#03: A cash allowance will not be provided for the lighting control scope of work. Refer to Drawing E3.1 for wireless lighting control requirements.

4. Q#04: Can we see if ESDC will approve the Executive Demountable Walls by PSL Partition Systems? We have completed ESDC Edmonton and doing another very soon, as well as Calgary and other locations using the Executive Demountable Walls. I have provided the specifications, brochure and testing reports to support this request. We can also provide addresses of the locations that we have installed ESDC with Executive Demountable Walls by Partition System Manufacturing (Edmonton).

A#04: Refer to Addendum item A-1-1.

END OF SECTION

ESDC - PPT

REGINA AMALGAMATION

LIST OF DRAWINGS		
ARCHITECTURAL	STRUCTURAL	ELECTRICAL
A0.0 COVER SHEET	S000 GENERAL NOTES S001 TYPICAL DETAILS	E1.1 BASEMENT DEMOLITION PLAN E1.2 MAIN FLOOR LIGHTING DEMOLITION PLAN E1.3 MAIN FLOOR BUILDING SYSTEMS DEMOLITION PLAN E1.4 PHASING PLAN - PHASE 1 E1.5 PHASING PLAN - PHASE 2 E1.6 PHASING PLAN - PHASE 3 E1.7 PHASING PLAN - PHASE 4 E1.8 PHASING PLAN - PHASE 5
A1.1 PHASING PLAN - PHASE 1 A1.2 PHASING PLAN - PHASE 2 A1.3 PHASING PLAN - PHASE 3 A1.4 PHASING PLAN - PHASE 4 A1.5 PHASING PLAN - PHASE 5	S100 PARTIAL MAIN FLOOR PLAN, SECTION & DETAIL S200 ELEVATION	E2.1 BASEMENT LIGHTING PLAN, SECOND FLOOR LIGHTING PLAN E2.2R1 MAIN FLOOR LIGHTING PLAN E2.3 BASEMENT BUILDING SYSTEMS PLAN E2.4 MAIN FLOOR BUILDING SYSTEMS PLAN E2.5R1 MAIN FLOOR FIRE ALARM AND SECURITY E2.6 MAIN FLOOR CABLE TRAY AND CONDUIT PLAN
A2.1 DEMOLITION PLAN - MAIN FLOOR A2.2 DEMOLITION PLAN REFLECTED CEILING - MAIN FLOOR A2.3R1 BASEMENT PLAN - DEMO, BASEMENT PLAN - REVISED, BASEMENT REFLECTED CEILING PLAN - REVISED A2.4R1 MAIN FLOOR PLAN, PARTITION & WALL TYPES, LARGE SCALE PLAN A2.5R1 MAIN FLOOR REFLECTED CEILING PLAN A2.6 ROOF PLAN A2.7 FINISHES PLANS A2.8R1 SECOND FLOOR PLAN A2.9 BASEMENT FLOOR PLAN	M1.1 HVAC DEMOLITION PLAN M1.2 MAIN FLOOR FIRE PROTECTION DEMOLITION M2.1 HEATING & CHILLED WATER SYSTEM PLUMBING TIE-IN SCHEMATICS M3.1 MAIN FLOOR Rev1 HVAC NEW CONSTRUCTION PLAN M4.1 MAIN FLOOR Rev1 FIRE PROTECTION PLAN M5.1 MECHANICAL DETAILS EQUIPMENT SCHEDULES	E3.1 WIRELESS LIGHTING CONTROL SYSTEM DETAILS E3.2 ACCESS CONTROL ROUGH-IN DETAILS E3.3 FIRE ALARM SYSTEM DETAILS E3.4 PANEL SCHEDULES
A3.1R1 INTERIOR ELEVATIONS A3.2 EXTERIOR ELEVATIONS A3.3 EXTERIOR ELEVATIONS		
A4.1 SECTIONS, DETAILS A4.2 DEMOLITION DETAILS A4.3R1 DETAILS A4.4R1 DETAILS A4.5 MILLWORK, DETAILS A5.1 MAIN FLOOR FURNITURE AND EQUIPMENT PLAN		

SYMBOL LEGEND

NORTH ARROW

NORTH

GRID REFERENCE

ROOM NUMBER

DOOR NUMBER

GLAZED SCREEN TYPE

Px PARTITION TYPES

Wx WALL TYPES

LOCATION REFERENCE

ELEVATION REFERENCE

ARCHITECTURAL REFERENCE

TITLE

1 MAIN FLOOR PLAN
1:100

INDICATES ELEVATION NUMBER

INDICATES DETAIL REFERENCE

ROOM ELEVATION INDICATOR

INDICATES REFERENCE DRAWING NUMBER

INDICATES DETAIL NUMBER

DETAIL INDICATOR

INDICATES REFERENCE DRAWING NUMBER

INDICATES SECTION NUMBER

BUILDING SECTION INDICATOR

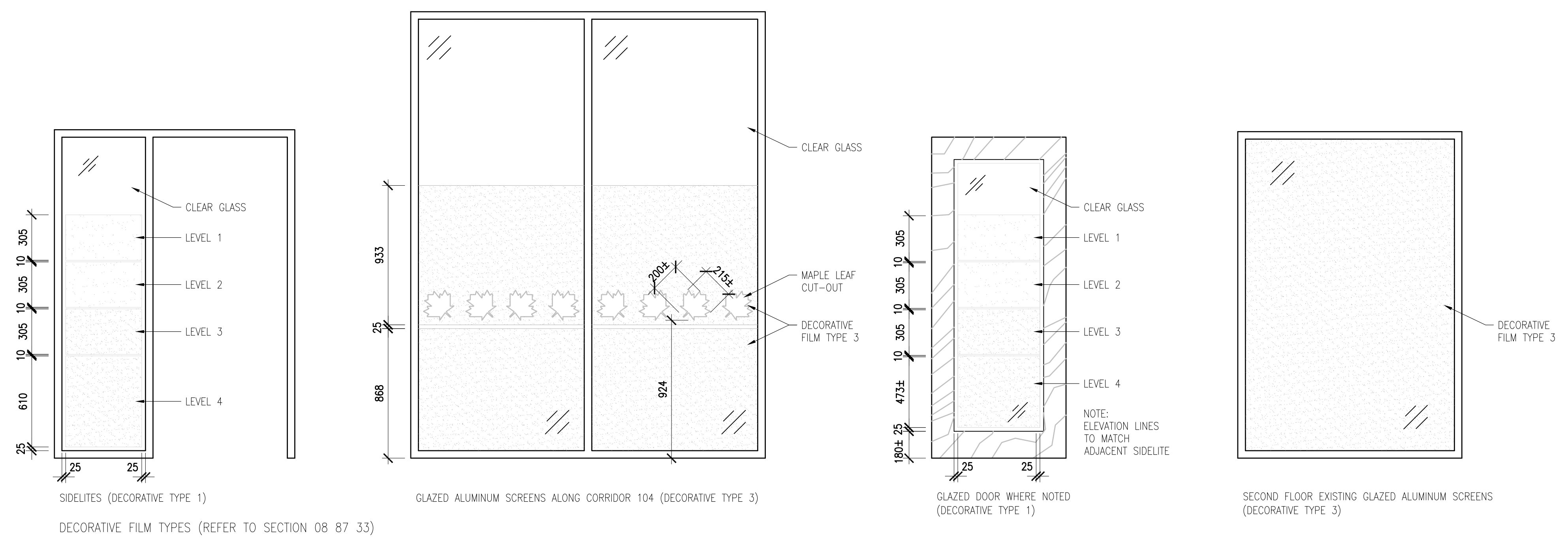
INDICATES REFERENCE DRAWING NUMBER

- GENERAL NOTES**
- REFER TO STRUCTURAL, MECHANICAL, ELECTRICAL DRAWINGS FOR COMPLETE SCOPE OF WORK.
 - CONTRACTOR TO CONFIRM ALL DIMENSIONS AND SITE CONDITIONS ON SITE PRIOR TO COMMENCEMENT OF WORK.
 - ROOM NUMBERING AS SHOWN ON ALL NEW FLOOR PLANS IS THE FINAL RENDITION. EQUIPMENT TAGGING IS TO FOLLOW BASE BUILDING NUMBERING SYSTEM AS INDICATED ON DRAWINGS.
 - FLOORING TO BE INSTALLED PRIOR TO PLACEMENT OF FREE STANDING EQUIPMENT, RELOCATABLE PARTITIONS AND DEPARTMENTAL REPRESENTATIVE SUPPLIED/INSTALLED FURNITURE.
 - ANY WORK PERFORMED OUTSIDE OF GENERAL SCOPE OF WORK AREA (i.e. ELECTRICAL FIRE ALARM COMPONENTS OR MECHANICAL SYSTEMS) SHOULD BE PERFORMED WITH THE LEAST AMOUNT OF DISTURBANCE TO SURROUNDING AREAS. PATCH, REPAIR AND REFINISH ALL AFFECTED SURROUNDING AREAS WHERE REQUIRED. PROVIDE FIRESTOPPING IN RATED PARTITIONS AT FLOOR PENETRATIONS. PATCH, REPAIR AND REFINISH ALL FINISHES, TO MATCH EXISTING, WHERE AFFECTED BY REMOVALS OR NEW WORK (PARTITIONS, ELECTRICAL FIXTURES AND DEVICES, MECHANICAL FIXTURES, DUCTWORK, GRILLES, CASEWORK, ETC.) ENSURE ALL FIRE SEPARATIONS ARE REINSTITATED.
 - DEPARTMENTAL REPRESENTATIVE WILL HAVE FIRST RIGHT OF REFUSAL FOR ALL ITEMS (GLAZING, HARDWARE, CASEWORK, ELECTRICAL FIXTURES, MECHANICAL FIXTURES, ETC) THAT ARE NOTED FOR REMOVAL OR DEMOLITION. REFUSED ITEMS ARE TO BE REMOVED AND DISPOSED. SALVAGED REMOVED ITEMS ARE TO BE RE-USED AS NOTED. DELIVERED TO STORAGE, ELSEWHERE ON PROJECT SITE AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE.
 - INSTALL FIRESTOPPING MATERIALS AS REQUIRED AT ALL NEW PENETRATIONS THROUGH FIRE RATED ASSEMBLIES IN ACCORDANCE WITH SECTION 07 84 00 - FIRESTOPPING.
 - ALL EXISTING FLOOR, CEILING, SOFFIT, & ROOF ELEVATIONS SHOWN ARE BASED ON EXISTING RECORD DRAWINGS PROVIDED BY THE DEPARTMENTAL REPRESENTATIVE AND HAVE NOT BEEN SITE VERIFIED. VERIFY ALL ELEVATIONS PRIOR TO COMMENCEMENT OF WORK.



NORTH

1 KEY PLAN
1:100



Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

DO NOT SCALE DRAWINGS

5		
4		
3		
2	ISSUED WITH ADDENDUM NO. 1	2021/06/28
1	REVISED INDEX OF DRAWINGS	2021/06/09
0	ISSUED FOR TENDER	2021/03/17
Revision/Revision	Description/Description	Date/Date

Client/client

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Project title/Titre du projet
**1783 HAMILTON STREET
REGINA, SASKATCHEWAN**

**ESDC - PPT REGINA
AMALGAMATION**

Approved by/Approuvé par

Designed by/Concept par

Drawn by/Dessiné par

PWGSC Project Manager/Administrateur de Projets TPSGC
JEAN-PHILIPPE BLOUIN

PWGSC Architectural and Engineering Resources Manager/
Ressources Architecturales et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

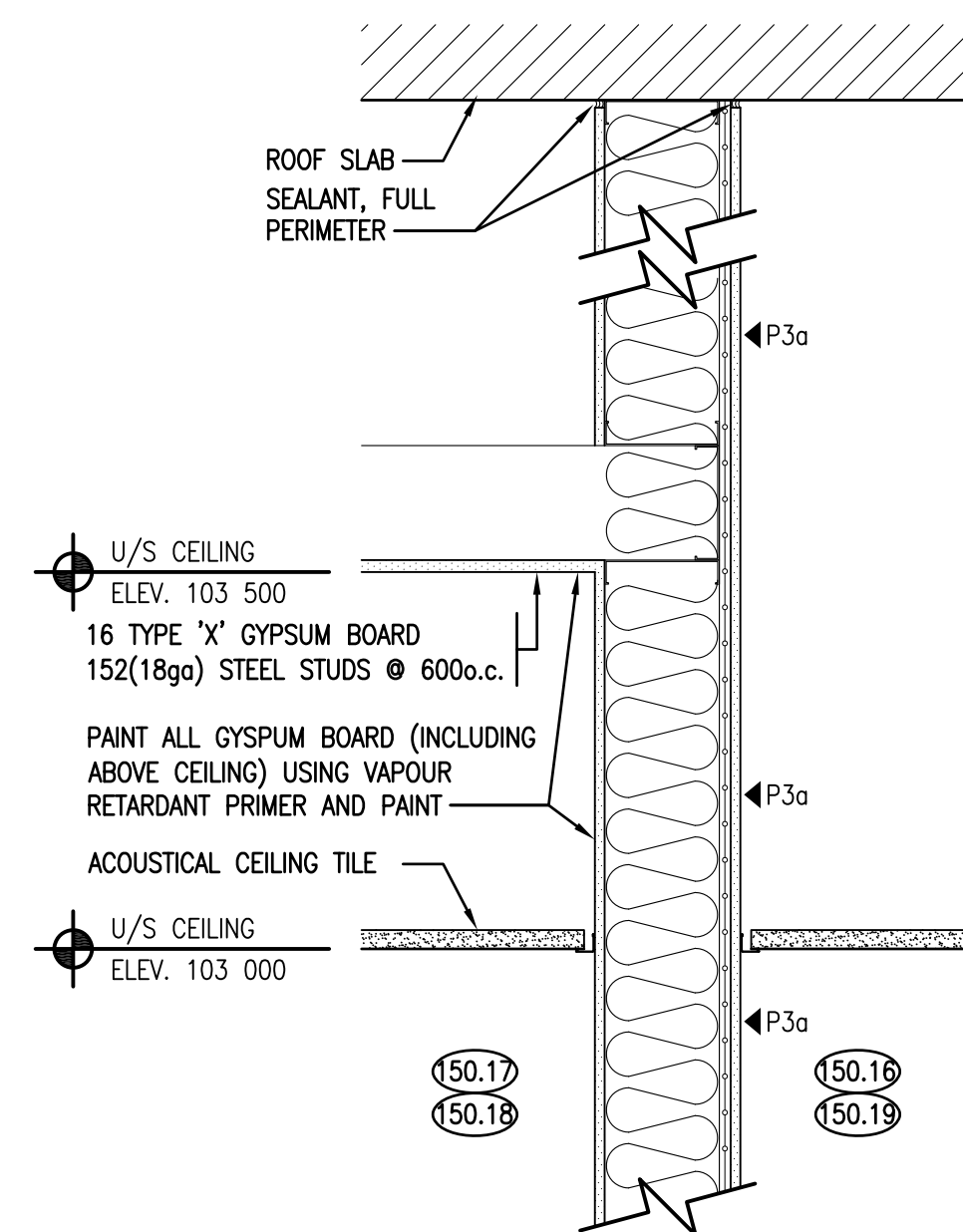
Drawing title/Titre du dessin
COVER SHEET

Project No./No. du projet R.060346	Sheet/Fauille A0.0 OF 23	Revision no./ La révision 2
--	---------------------------------------	--









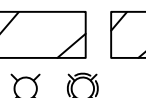


PWGSC - B1 - 1000X707

0 10 20 30 40 50 60 70 80 90 100mm

A0.0 COVER SHEET



RATED PARTITION LEGEND	
— CHR — CHR —	FIRE SEPARATION WITH NO FIRE RESISTANCE RATING
— 1HR — 1HR —	1 HR – FIRE SEPARATION
— 2HR — 2HR —	2 HR – FIRE SEPARATION
— STC — STC —	ACOUSTIC SEPARATION (REFER TO PARTITION TYPES FOR STC RATING)
— ○ — ○ — ○ —	SECURE PARTITION

LEGEND			
	ACOUSTIC CEILING TILE 610mm x 1220mm (ACT-1)		EXPOSED CEILING SPACE (OPEN TO STRUCTURE)
	ACOUSTIC CEILING TILE 610mm x 1220mm (ACT-2)		GYPSUM CEILING (PAINTED)
	ACOUSTIC CEILING TILE 610mm x 610mm (ACT-3)		EXISTING GYPSUM CEILING (PAINTED)
	GYPSUM BOARD (PAINTED) ABOVE ACOUSTIC CEILING TILE 610mm x 1220mm (ACT-1)		
	PARTITION TO UNDERSIDE OF CEILING		ELECTRICAL FIXTURES
	PARTITION TO EXTEND ABOVE OF CEILING		MECHANICAL FIXTURES

GENERAL CEILING NOTES:

1. EXISTING GYPSUM CEILINGS AND BULKHEADS TO BE REPAIRED AS REQUIRED FROM REMOVALS AND PAINTED.
2. CREATE AND MAINTAIN SMOKE AND FIRE RATINGS AS SHOWN.
3. ACOUSTIC CEILING TILE TO BE CENTERED IN ROOMS WITH EQUAL PERIMETER TILES WHERE POSSIBLE.
4. SPRINKLER HEADS TO BE LOCATED IN THE CENTER OF THE CEILING TILE.
5. CONDUCT PRE-INSTALLATION MEETING FOR COORDINATION OF CEILINGS, MECHANICAL AND ELECTRICAL COMPONENTS WITH DEPARTMENTAL REPRESENTATIVE.
6. ACT-2 LOCATIONS ARE TO COORDINATE WITH NEW AND EXISTING FAN COIL UNITS. REFER TO SPECIFICATIONS, CEILING DETAILS AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
7. PROVIDE SMOKE SEALS FOR TOP OF WALLS, BOTTOM OF WALLS, AND ALL PENETRATIONS THROUGH WALLS AND PARTITIONS HAVING A FIRE SEPARATION WITH NO FIRE RESISTANCE RATING (P2, P3, AND P4)



5		
4		
3		
2		
1	ISSUED WITH ADDENDUM NO. 1	2021/06/28
0	ISSUED FOR TENDER	2021/03/17
Revision/ Revised	Description/Description	Date/Date

**PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA**

Project title/Titre du projet
**1783 HAMILTON STREET
REGINA, SASKATCHEWAN**

**ESDC - PPT REGINA
AMALGAMATION**

Approved by/Approuvé par

Designed by/Concept par

Drawn by/Dessiné par

PWGSC Project Manager/Administrateur de Projets TPSGC
JEAN-PHILIPPE BLOUIN

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin

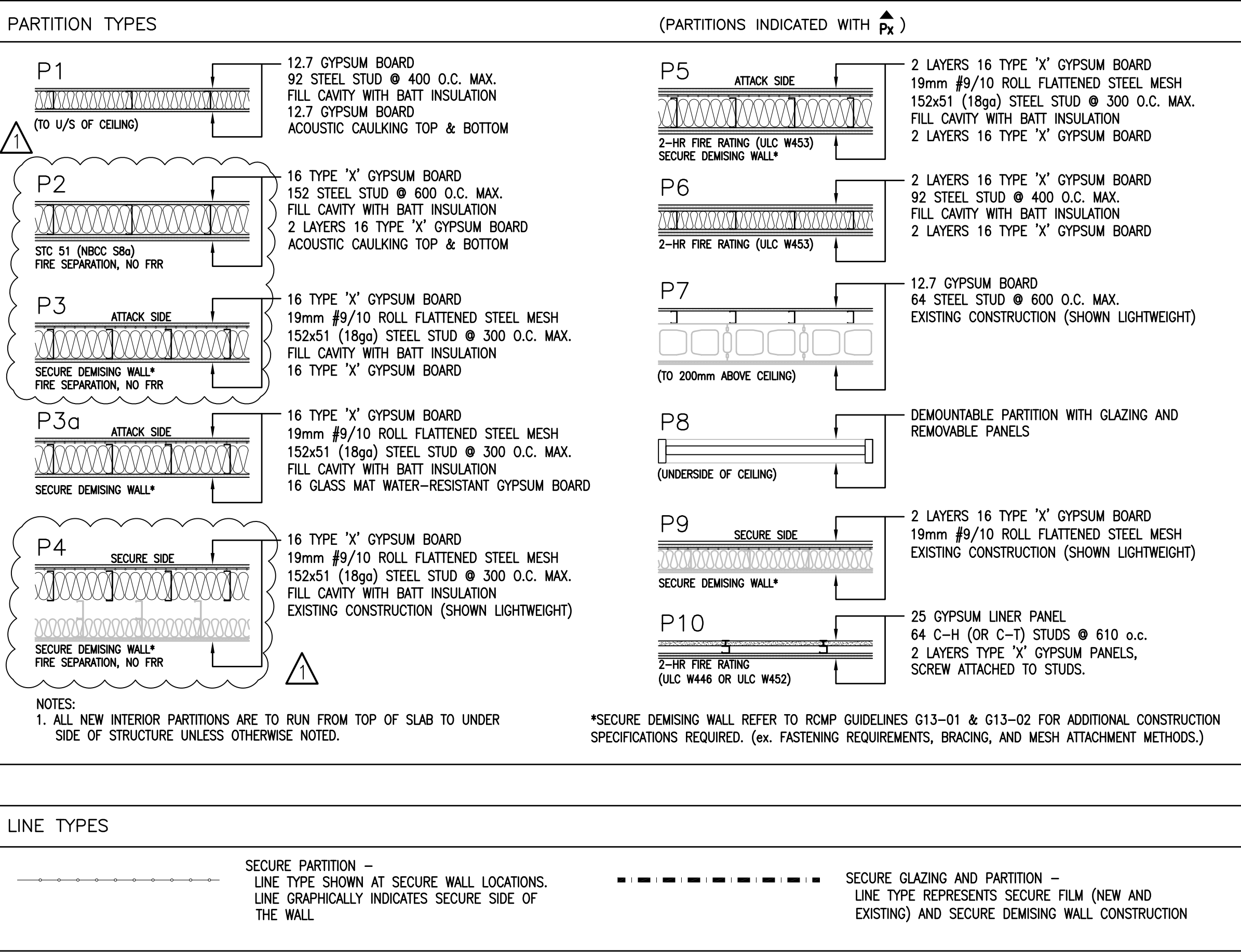
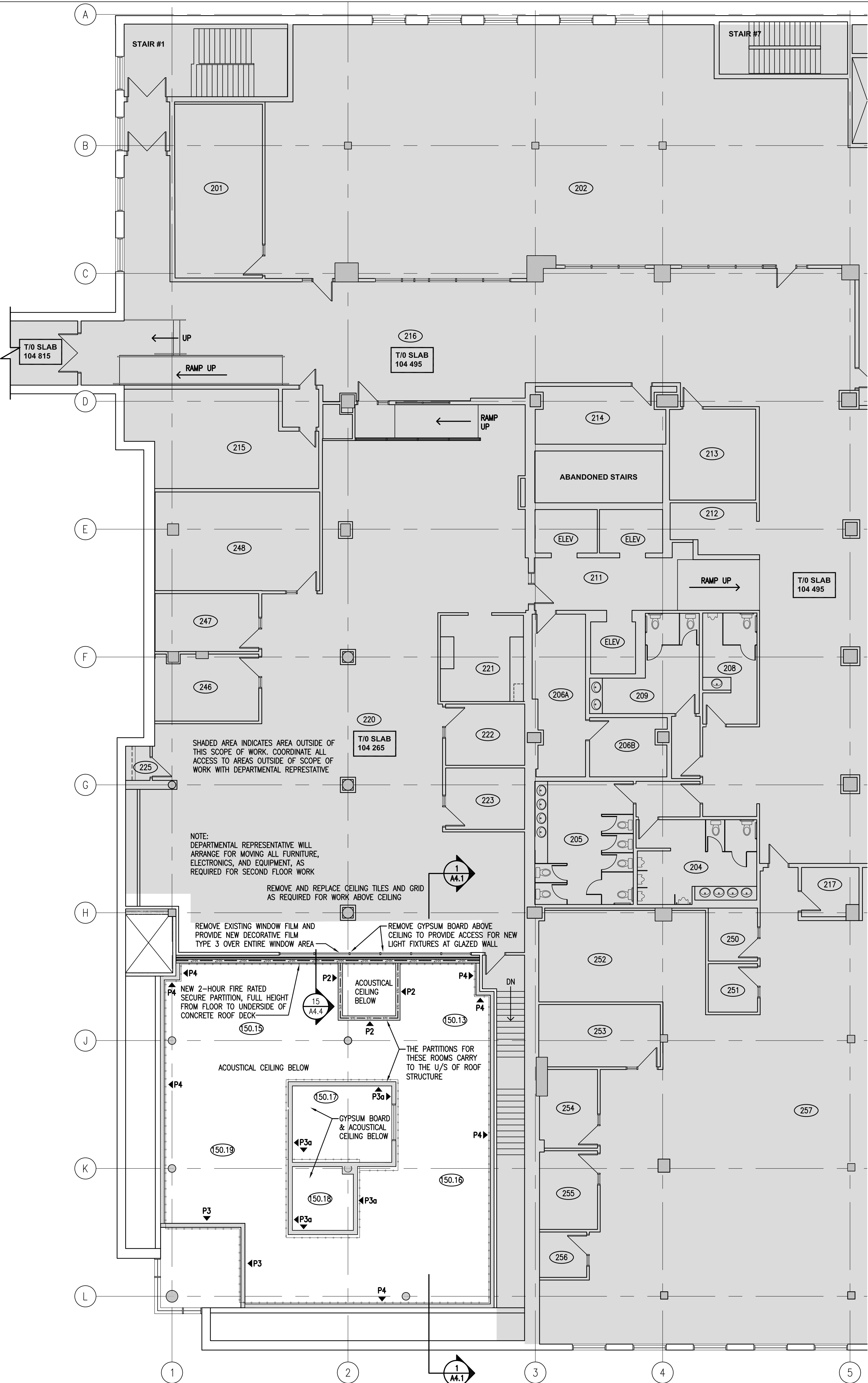
MAIN FLOOR

REFLECTED CEILING PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./
---------------------------	---------------	---------------

La Révision	no.	1
-------------	-----	---

R.060346	A2.5R1	1
----------	--------	---



DO NOT SCALE DRAWINGS

5		
4		
3		
2		
1	ISSUED WITH ADDENDUM NO. 1	2021/06/28
0	ISSUED FOR TENDER	2021/03/17

Revision/Revision	Description/Description	Date/Date
-------------------	-------------------------	-----------

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Project title/Titre du projet
**1783 HAMILTON STREET
REGINA, SASKATCHEWAN**

**ESDC - PPT REGINA
AMALGAMATION**

Approved by/Approuvé par

Designed by/Concept par

Drawn by/Dessiné par

PWSC Project Manager/Administrateur de Projets TPSGC
JEAN-PHILIPPE BLOUIN

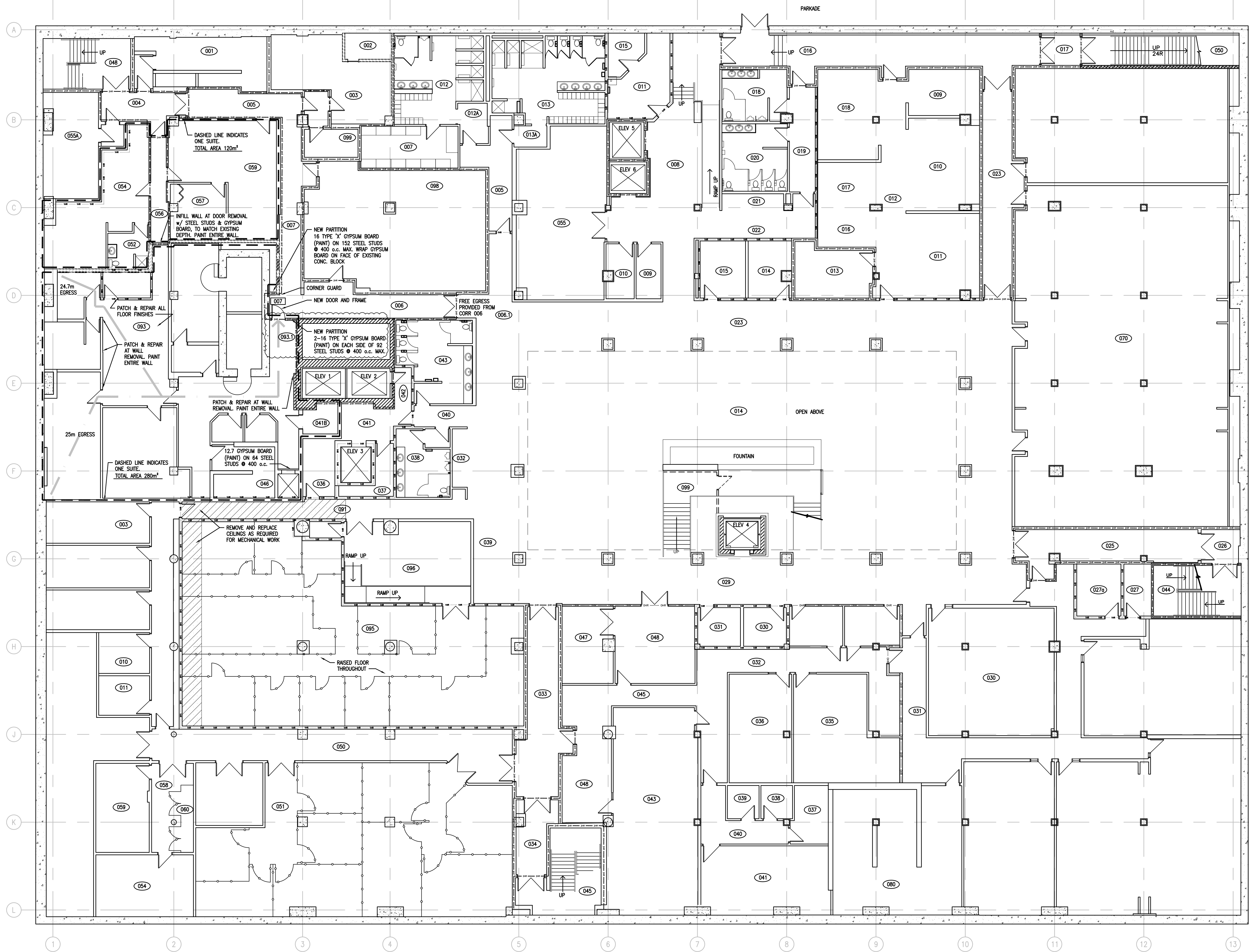
PWSC Architectural and Engineering Resources Manager/
Ressources Architecturales et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
SECOND FLOOR PLAN

Project No./No. du projet	Sheet/Fauille	Revision no./ La révision no.
R.060346	A2.8R1 OF 23	1

RATED PARTITION LEGEND	
---	FIRE SEPARATION WITH NO FIRE RESISTANCE RATING
---	1 HR - FIRE SEPARATION
---	2 HR - FIRE SEPARATION
---	ACOUSTIC SEPARATION (REFER TO PARTITION TYPES FOR STC RATING)
---	SECURE PARTITION



 **1** BASEMENT FLOOR PLAN
1:125



DO NOT SCALE DRAWINGS

5		
4		
3		
2		
1	ISSUED WITH ADDENDUM NO. 1	2021/06/28
0	ISSUED FOR TENDER	2021/03/17

Revision/	Description/Description	Date/Date
Revision/		

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Project title/Titre du projet
**1783 HAMILTON STREET
REGINA, SASKATCHEWAN**

**ESDC - PPT REGINA
AMALGAMATION**

Approved by/Approuvé par

Designed by/Concept par

Drawn by/Dessiné par

PWSC Project Manager/Administrateur de Projets TPSGC
JEAN-PHILPPE BLOUIN

PWSC Architectural and Engineering Resources Manager/
Ressources Architecturales et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
BASEMENT FLOOR PLAN

Project No./No. du projet	Sheet/Fauille	Revision no./ Loi Révision
R.060346	A2.9 OF 23	1



DO NOT SCALE DRAWINGS

5		
4		
3		
2		
1	ISSUED WITH ADDENDUM NO. 1	2021/06/28
0	ISSUED FOR TENDER	2021/03/17
Revision/ Révision	Description/Description	Date/Date

Client/client
**PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA**

Project title/Titre du projet
**1783 HAMILTON STREET
REGINA, SASKATCHEWAN**

**ESDC - PPT REGINA
AMALGAMATION**

Approved by/Approuvé par

Designed by/Concept par

Drawn by/Dessiné par

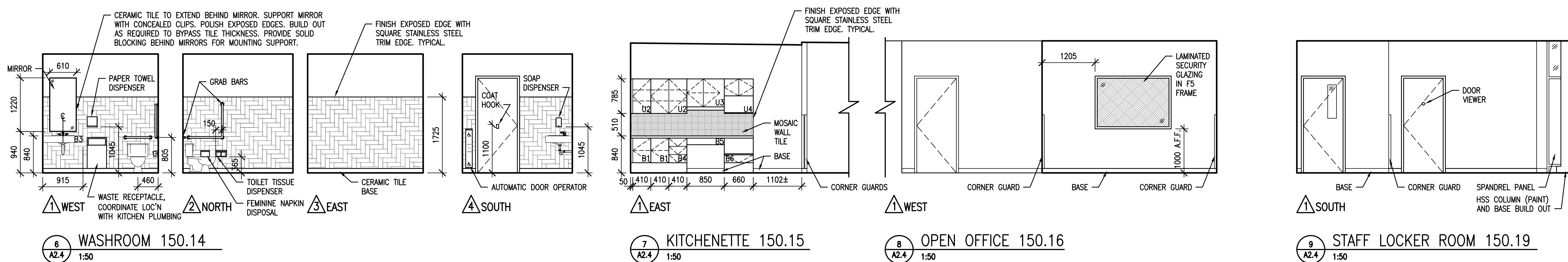
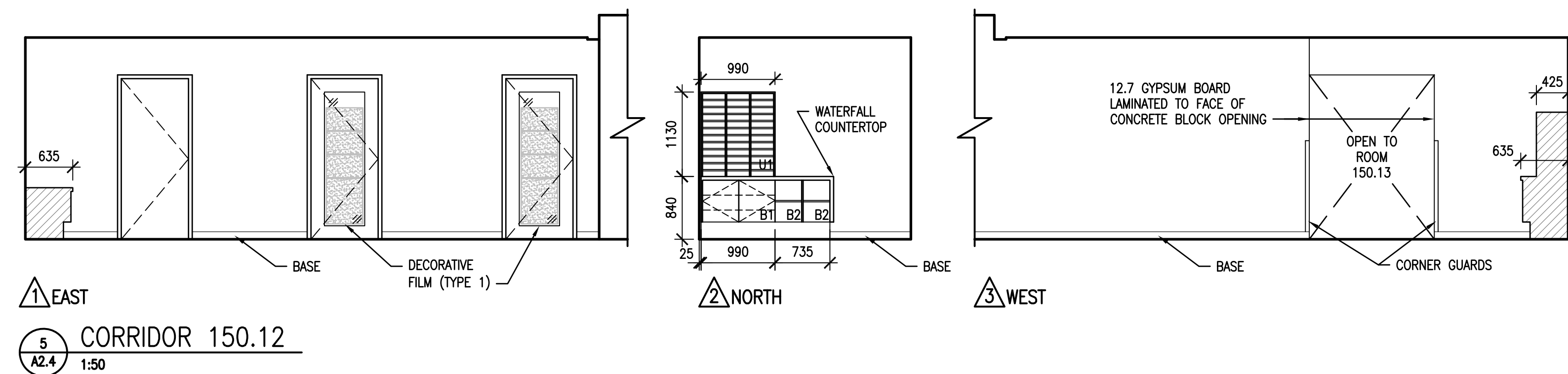
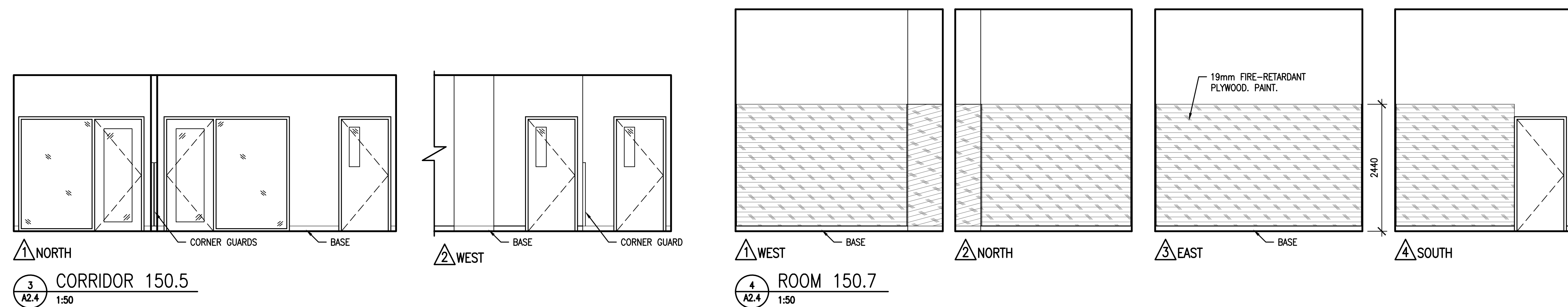
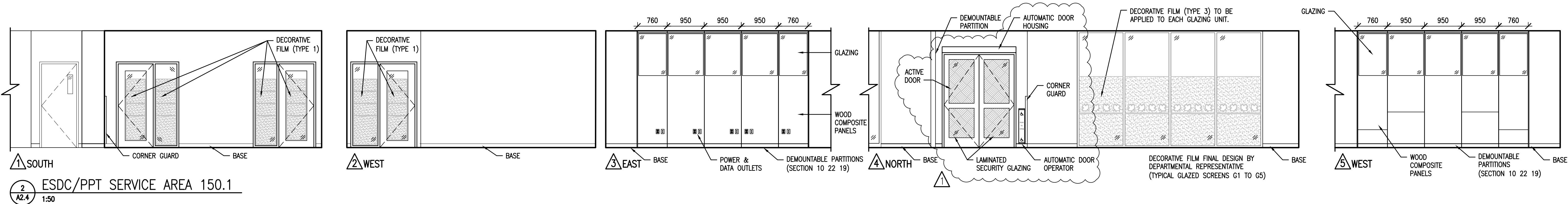
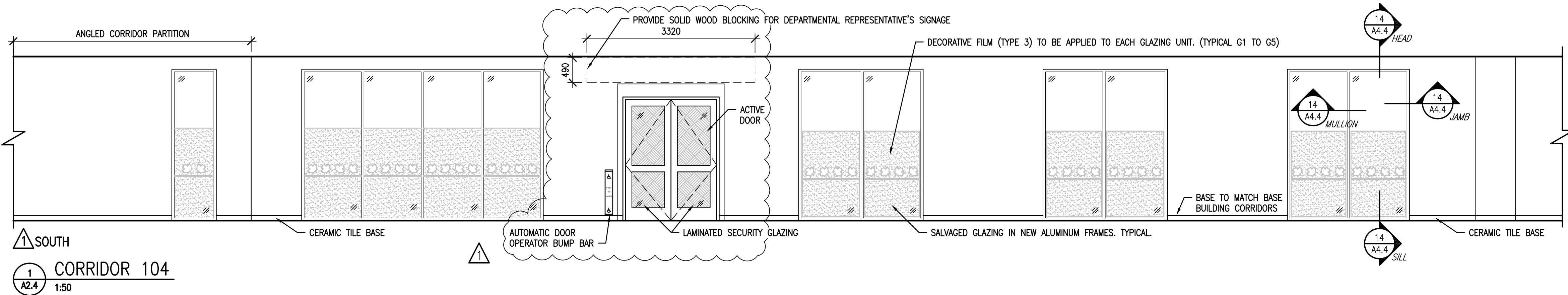
PWSC Project Manager/Administrateur de Projets TPSGC
JEAN-PHILIPPE BLOUIN

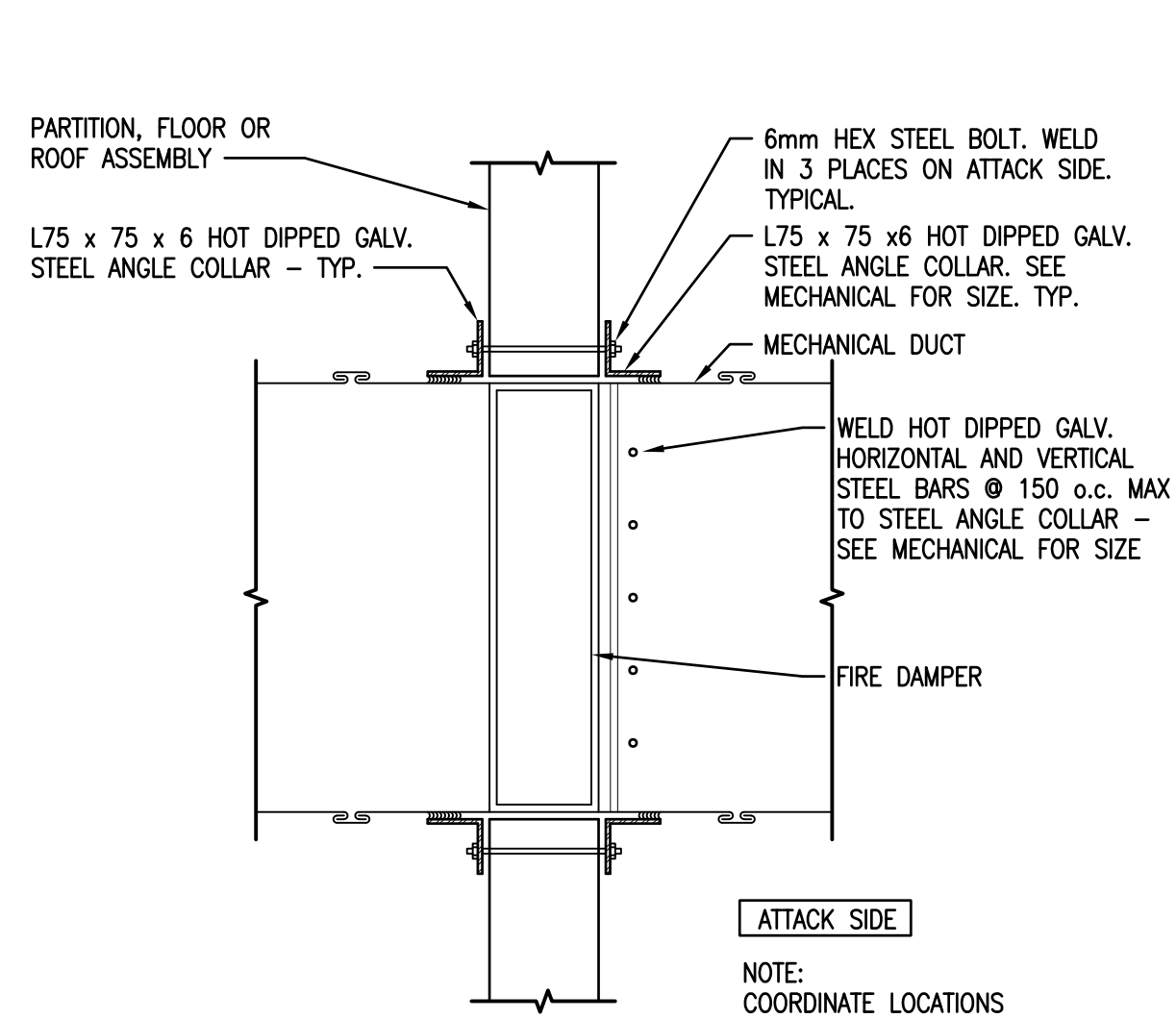
PWSC Architectural and Engineering Resources Manager/
Ressources Architecturales et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
INTERIOR ELEVATIONS

Project No./No. du projet R.060346	Sheet/Fauille A3.1R1 OF 23	Revision no./ Loi Révision 1
--	---	---





Technical drawing of a fire damper assembly. The drawing includes a side view and a top view. The side view shows a vertical assembly with a fire damper in the center, flanked by mechanical ducts. The top view shows a rectangular partition with a floor or roof assembly on top. Labels point to various components: PARTITION, FLOOR OR ROOF ASSEMBLY, 6mm HEX STEEL BOLT, WELD IN 3 PLACES ON ATTACK SIDE TYPICAL., MECHANICAL DUCT, FIRE DAMPER, SEAL AROUND PENETRATIONS, and ATTACK SIDE. Dimensions are provided for various parts: 65.00, 100.00, 65.00, 62.50, 100.00, 62.50, and 65.00.

PARTITION, FLOOR OR ROOF ASSEMBLY

6mm HEX STEEL BOLT, WELD IN 3 PLACES ON ATTACK SIDE TYPICAL.

MECHANICAL DUCT

FIRE DAMPER

SEAL AROUND PENETRATIONS

ATTACK SIDE

65.00 100.00 65.00 62.50 100.00 62.50 65.00

150
MAX.

10M HOT DIPPED GALVANIZED
STEEL BAR WELDED TO FRAME

STEEL ANGLE COLLAR.
REFER TO MECHANICAL
FOR DUCT SIZE.

200
MAX.

6mm HEX STEEL BOLT
WELD IN 3 PLACES ON
ATTACK SIDE.

REFER TO MECHANICAL FOR DUCT SIZE AND LOCATIONS. PROVIDE AT ALL SECURE WALL LOCATIONS, REFER TO PARTITION SCHEDULE.

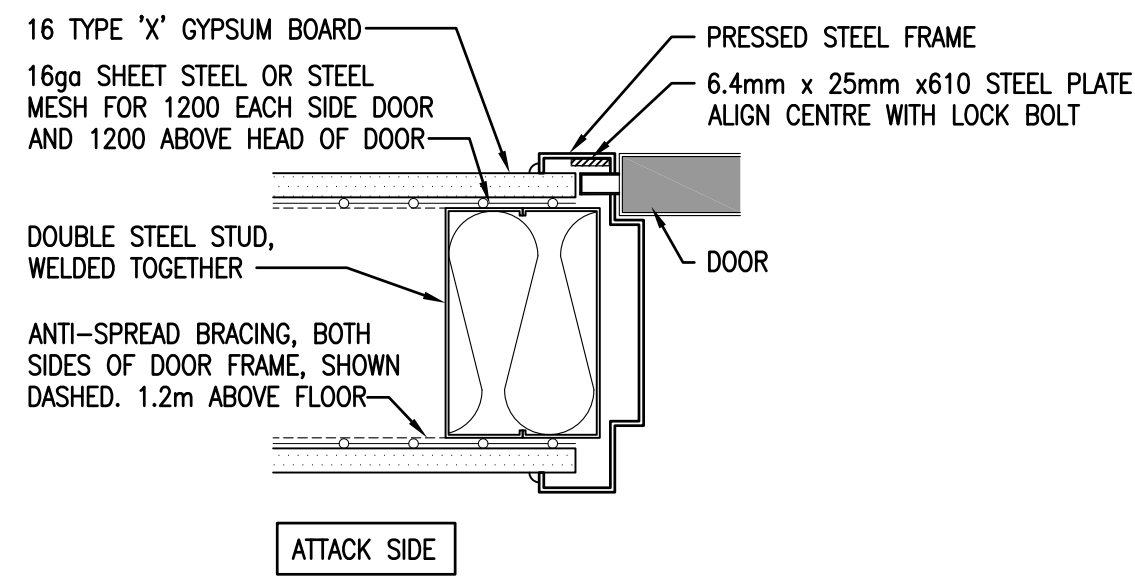


Diagram illustrating the components of a door frame assembly:

- PRESSED STEEL FRAME
- 16 TYPE 'X' GYPSUM BOARD
- 16ga SHEET STEEL OR STEEL MESH FOR 1200 EACH SIDE DOOR AND 1200 ABOVE HEAD OF DOOR
- DOUBLE STEEL STUD, WELDED TOGETHER
- ANTI-SPREAD BRACING, BOTH SIDES OF DOOR FRAME, SHOW DASHED. 1.2m ABOVE FLOOR
- DOOR

Diagram illustrating the construction of a partition wall, showing the following components and labels:

- DOUBLE 152 STEEL STUDS (18ga)
- 16 TYPE 'X' GYPSUM BOARD
- ROLL FLATTENED STEEL MESH
- 16 TYPE 'X' GYPSUM BOARD
- ATTACK SIDE

REFERENCE TO PARTITION SCHEDULE FOR SECURE WALL TYPES

EXISTING CONSTRUCTION SHOWN LIGHTWEIGHT

P10

P7

FURR OUT WALL WITH
12.7 GYPSUM BOARD ON
64 STEEL STUDS @ 600o.c.

2 LAYERS TYPE "X" GYPSUM PANELS,
SCREW ATTACHED TO STUDS.
64 C-H (OR C-T) STUDS @ 610 o.c.
25 GYPSUM LINER PANEL
(ULC W446 OR ULC W452)

Diagram illustrating the components of a door assembly:

- PRESSED STEEL FRAME
- SEALANT, COMPLETE PERIMETER
- PARTITION AS INDICATED
- DOUBLE STEEL STUD, WELDED TOGETHER
- DOOR

[illegible]

Diagram illustrating the components of a laminated security glass assembly:

- LAMINATED SECURITY GLASS
- METAL STOP c/w SECURITY SCREWS
- PRESSED STEEL FRAME
- SEALANT, COMPLETE PERIMETER
- PARTITION AS INDICATED
- DOUBLE STEEL STUD, WELDED TOGETHER

The diagram shows a cross-section of the assembly with labels for the **SECURE SIDE** and **ATTACK SIDE**.

NOTE:
DO NOT FASTEN INTO CURTAIN WALL FRAMING
AND DO NOT FASTEN INTO COLUMN

EXISTING GLAZED CURTAIN WALL

EXISTING HSS COLUMN. PAINT (TY)

SEALANT

ALUMINUM BRACKESHAPE, FINISHED TO MATCH CURTAIN WALL FRAMING

PREFINISHED ALUMINUM BRACKESHAPE, FINISHED TO MATCH ADJACENT COLUMN

SEALANT

PARTITION AS PER WALL TYPES

NOTE: DO NOT FASTEN INTO CURTAIN WALL FRAMING

WINDOW SEAL AND TRIM BELOW

SEALANT

ALUMINUM BRAKESAP LAMINATE TO ASSEMBLIES, FINISHED TO MATCH CURTAIN WALL

SEALANT, COMPLETE PERIMETER

COMPRESSIBLE FOAM SOUND GASKET BOTH SIDES

EXISTING GLAZED CURTAIN WALL

EXISTING GRANITE SILL

DOUBLE 152 (18ga) STEEL STUDS, WELDED TOGETHER

FLATTEN METAL MESH

PARTITIONS AS INDICATED

EXISTING PARTITIONS SHOWN LIGHTWEIGHT

DOUBLE 152 (18ga) STEEL STUDS, WELDED TOGETHER

P3

FLATTEN METAL MESH

PARTITIONS AS INDICATED

DOUBLE 152 (18ga) STEEL STUDS, WELDED TOGETHER

P3

P3

FLATTEN METAL MESH

PARTITIONS AS INDICATED

EXISTING CONSTRUCTION SHOWN LIGHTWEIGHT

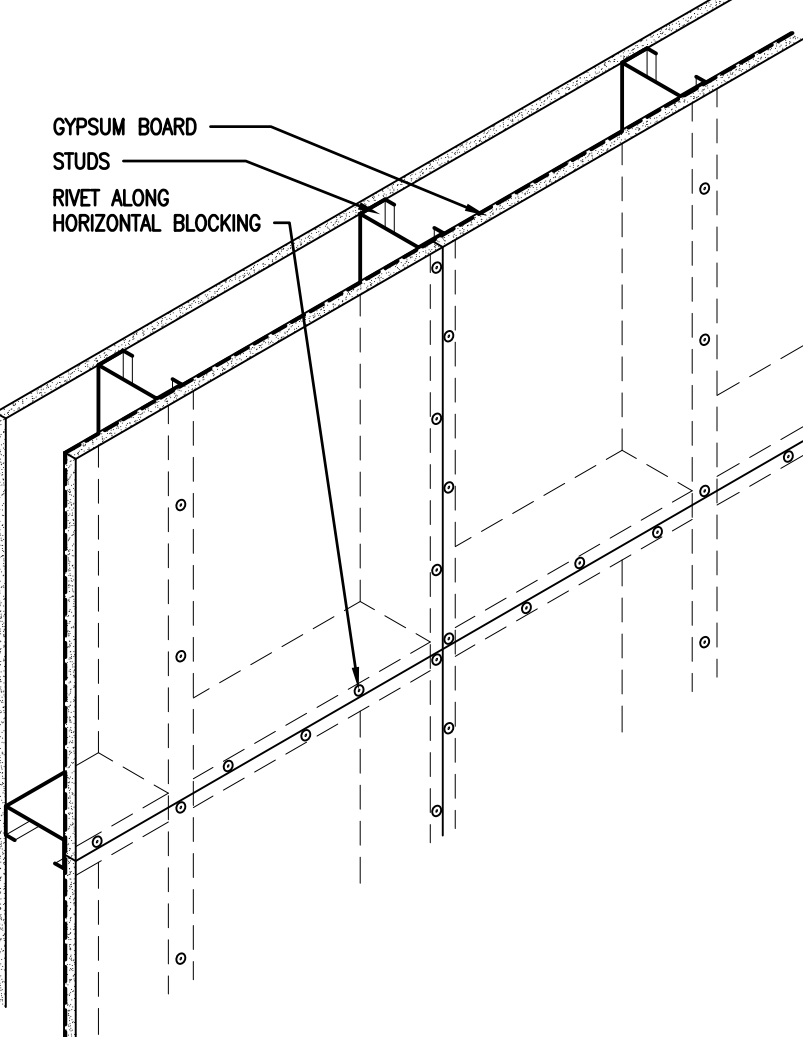
DOUBLE 18ga STEEL STUD

P.3

SEALANT, BOTH SIDES

NOTES REGARDING PASS-THROUGHS IN SECURE MESH:

1. PROVIDE BLOCKING TO SUIT AROUND ALL PASS-THROUGHS IN SECURE MESH TO WITHIN 25mm OF PIPE/CONDUIT.
2. SECURE PIPE OR CONDUIT TO STUD FRAMING A MINIMUM OF TWO (2) PLACES.
3. TO ACCOMMODATE MOVEMENT OR EXPANSION WHERE NECESSARY, ENCLOSE PIPES/CONDUIT IN SHEET METAL SLEEVE WITH CLEARANCE NO GREATER THAN 6mm FROM PIPE/CONDUIT. ATTACH METAL SLEEVE TO STUD FRAMING A MINIMUM OF TWO (2) PLACES.
4. EXTEND SECURE MESH TO WITHIN 20mm OF OPENING EDGE.
5. SECURE WALL DETAILS ARE BASED ON RCP G13-01 SECURE STORAGE ROOMS AND G13-02 SECURE DEMISING WALL. CONTRACTOR TO REFER TO STANDARDS APPENDED TO THE SPECIFICATIONS.



EXIT DOOR PLAN

WALL TYPE 1

- 90 GRANITE
- 25 AIR SPACE
- 75 SEMI RIGID INSULATION
- AIR VAPOUR BARRIER MEMBRANE
- 190 CONCRETE BLOCK
- 41 STEEL STUDS Ø 400.c.
- 16 GYPSUM BOARD

Labels:

- FURR IN COLUMN. REFER TO DETAIL ON A4.3
- EXISTING COLUMN
- SEALANT
- SEAL AIR VAPOUR BARRIER TO ALUMINUM FRAMING
- EXISTING ALUMINUM STOREFRONT SHOWN LIGHTWEIGHT
- FIRESTOP SEALANT, BOTH SIDES OF PARTITION
- SOLID WOOD BLOCKING
- 38x SOLID WOOD FRAMING
- THERMALLY INSULATED DOOR
- THERMALLY BROKEN DOOR FRAME
- BACKER ROD AND SEALANT, COMPLETE PERIMETER
- SOFFIT ABOVE
- STAINLESS STEEL CORNER GUARDS
- 152 STEEL STUDS Ø 400.c.
- FILL CAVITY WITH BATT INSULATION
- 2 LAYERS 16 TYPE X GYPSUM BOARD
- CONCRETE BLOCK REINFORCING. REFER TO STRUCTURAL
- SEAL AIR VAPOUR BARRIER TO DOOR FRAMING
- SEALANT
- P6
- P2 SIM.
- P5
- DOUBLE 152 (18ga) STEEL STUDS, WELDED TOGETHER
- OVERLAP STEEL MESH
- STEEL MESH SECURED TO 41 STEEL STUDS. STUDS MECHANICALLY FASTENED TO CONC BLOCK
- STAINLESS STEEL CORNER GUARDS
- FIRESTOP SEALANT
- 150.1
- 170.1
- 105.1
- 180.1

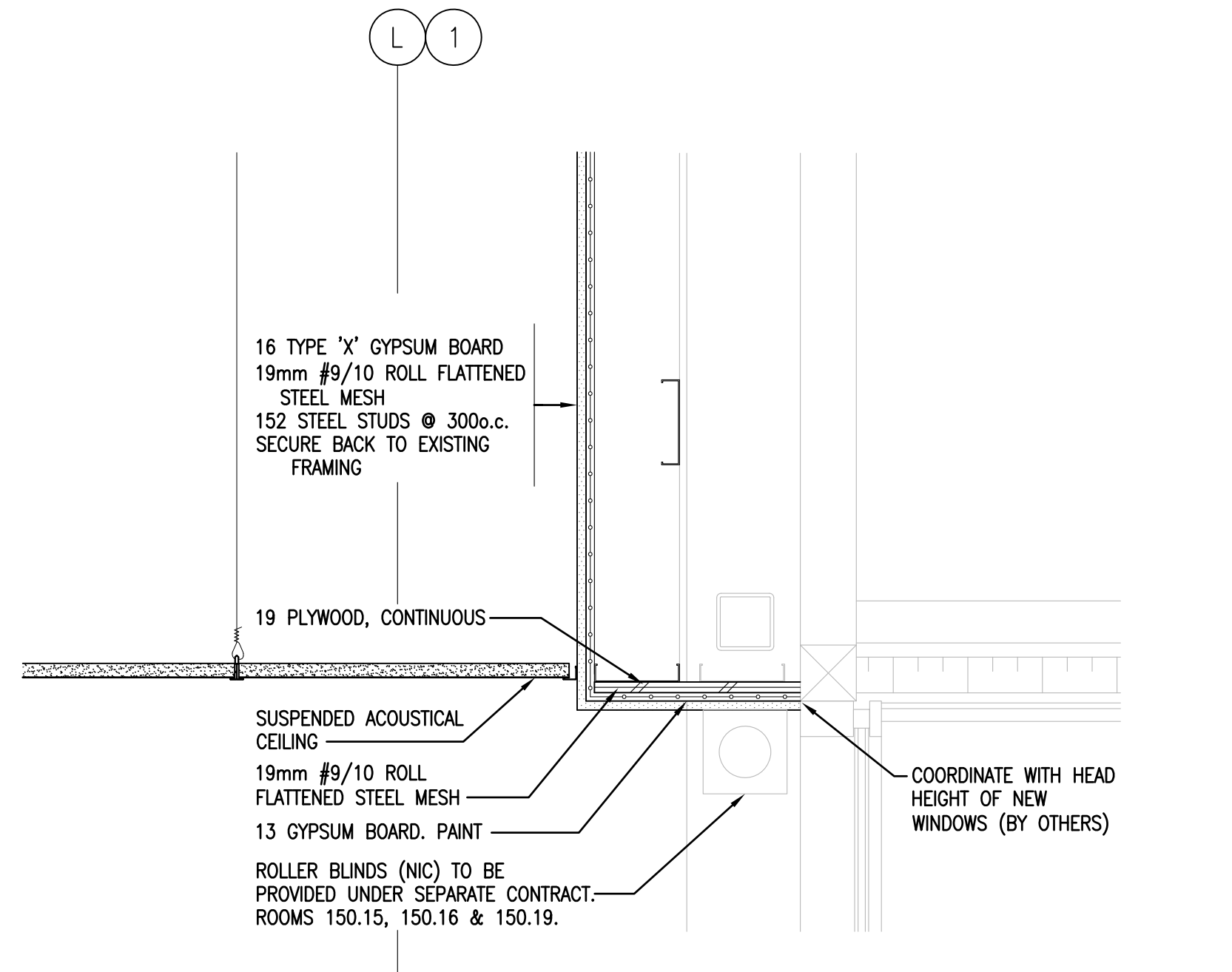
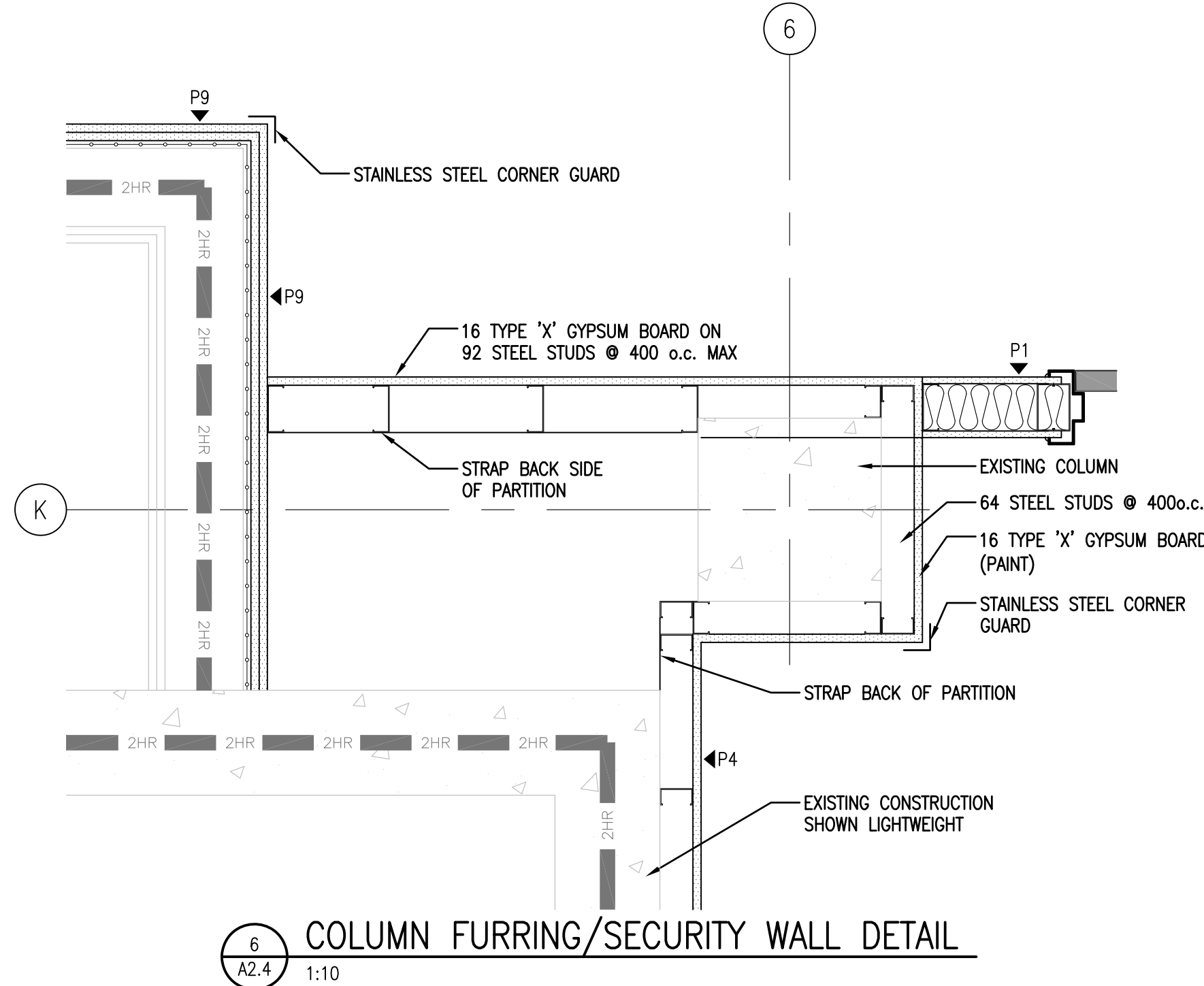
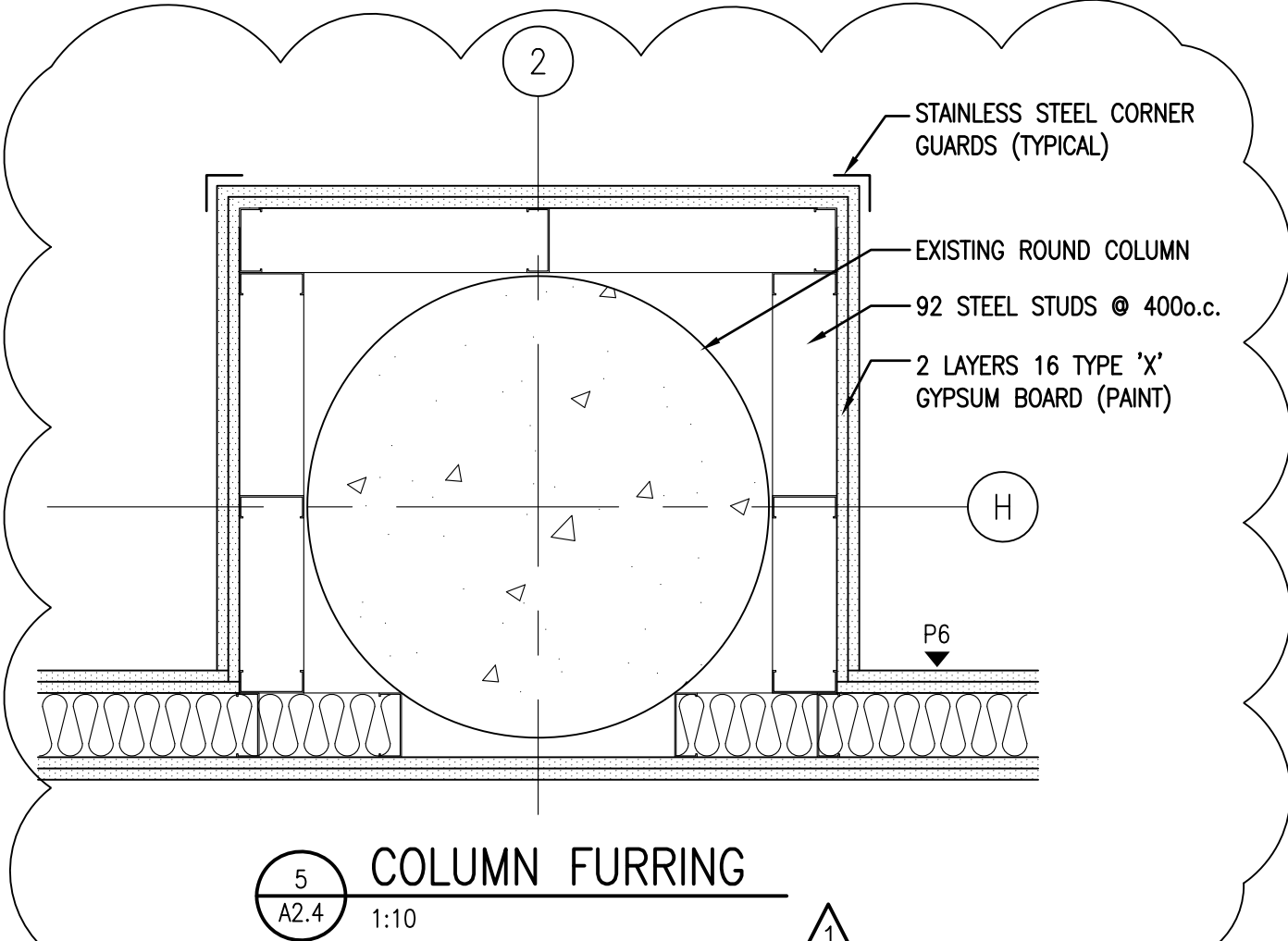
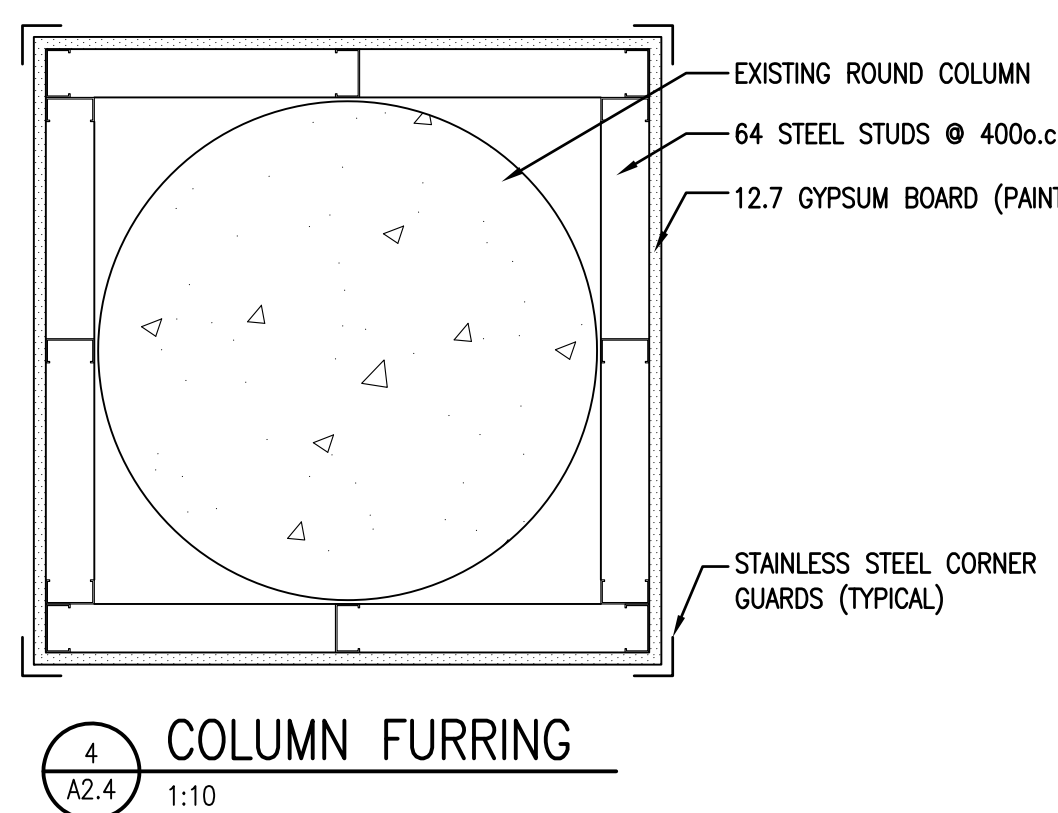
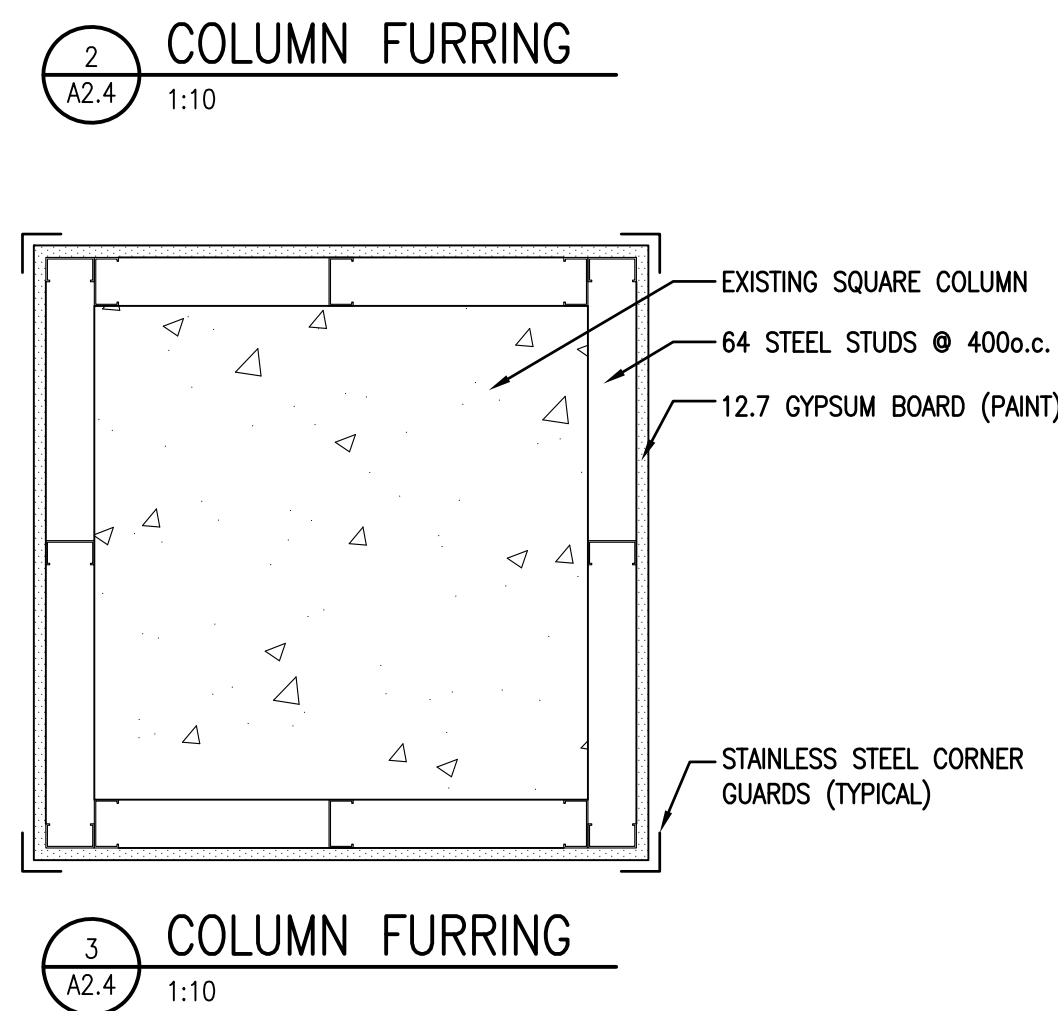
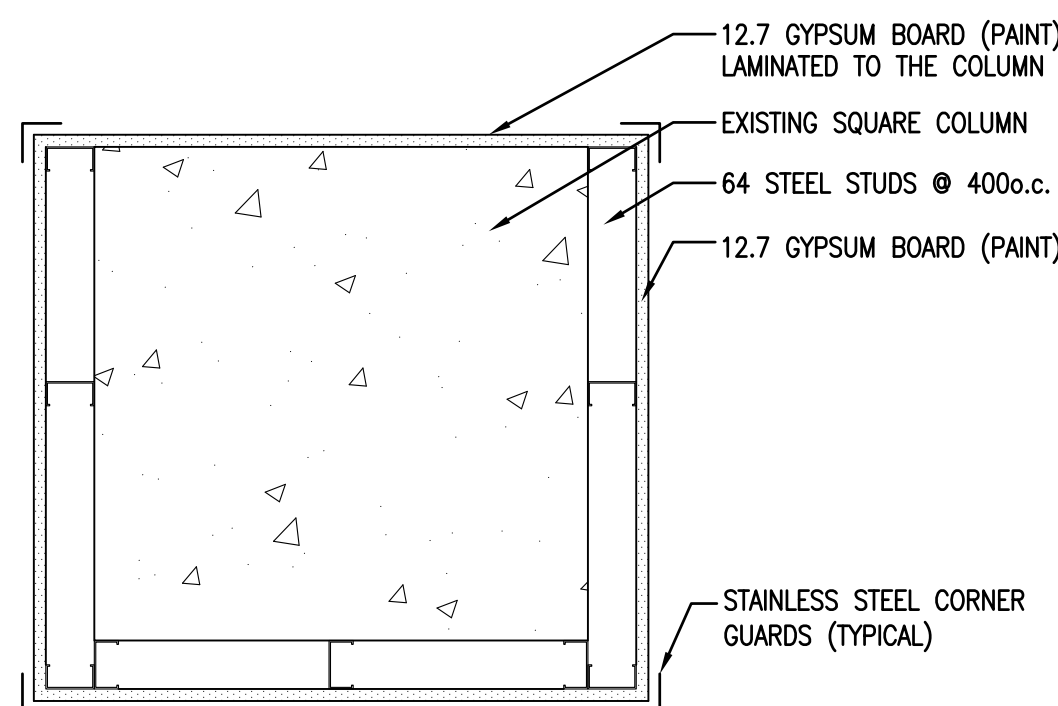
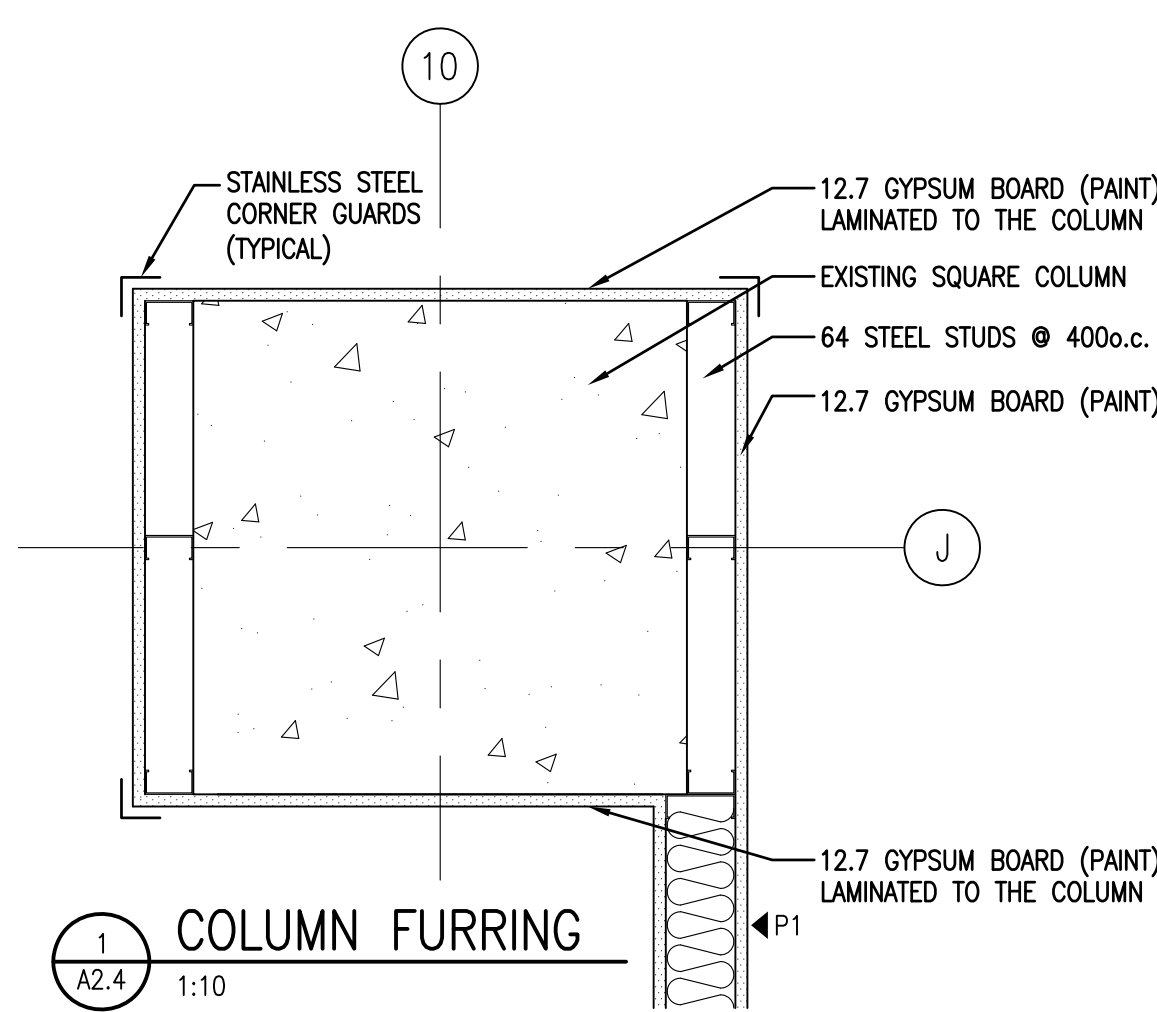
Dimensions:

- 10
- 719
- 10
- 149
- 570
- 1020
- 4045
- 3148
- 774
- 10
- 774
- 10
- 877
- 460
- 355
- 430

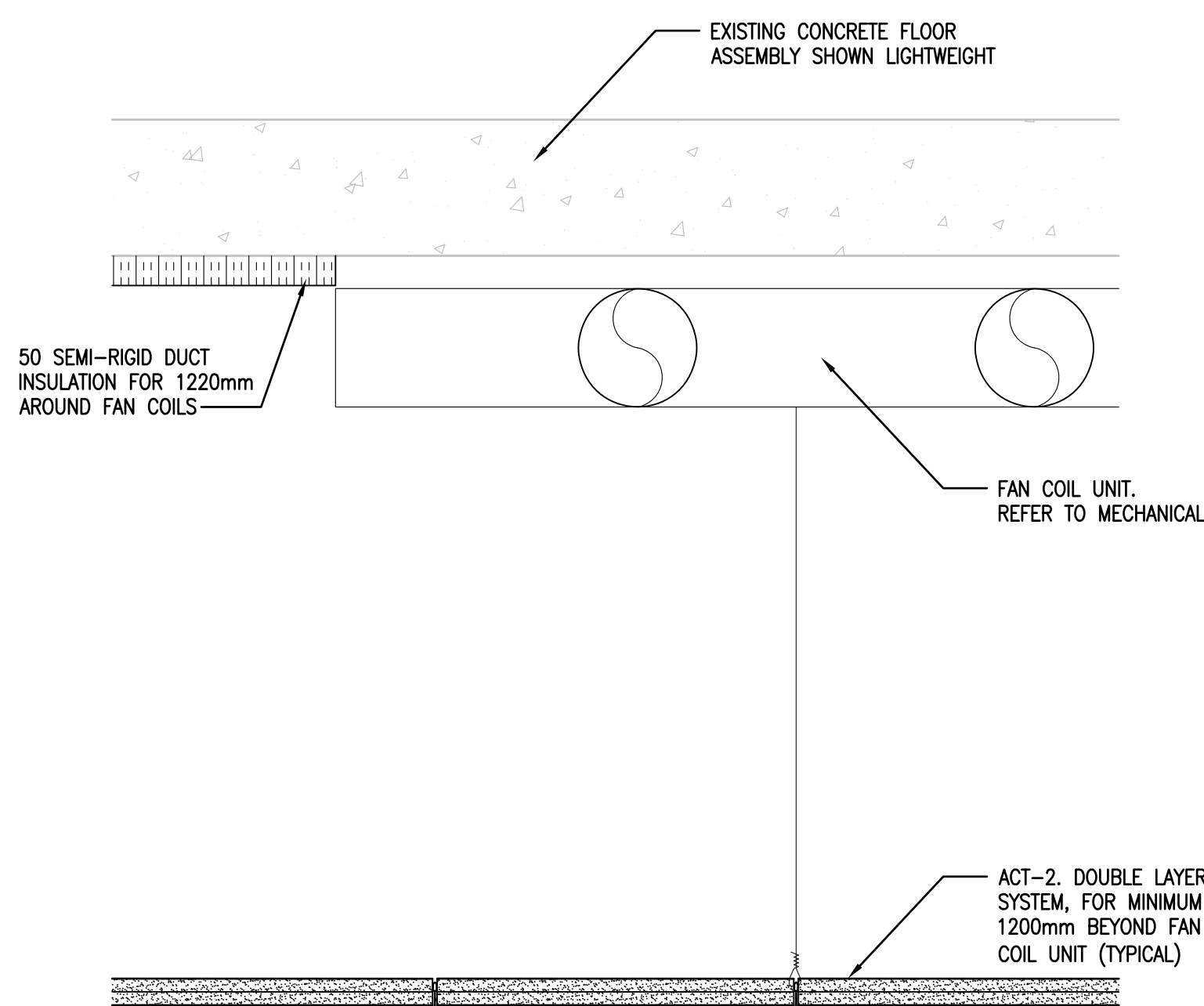
Notes:

- SEALANT, FULL PERIMETER. GRANITE TO OVERLAP CURTAIN WALL CAP BY 12.7mm FOR SEALANT INSTALLATION
- WALL TYPE 1

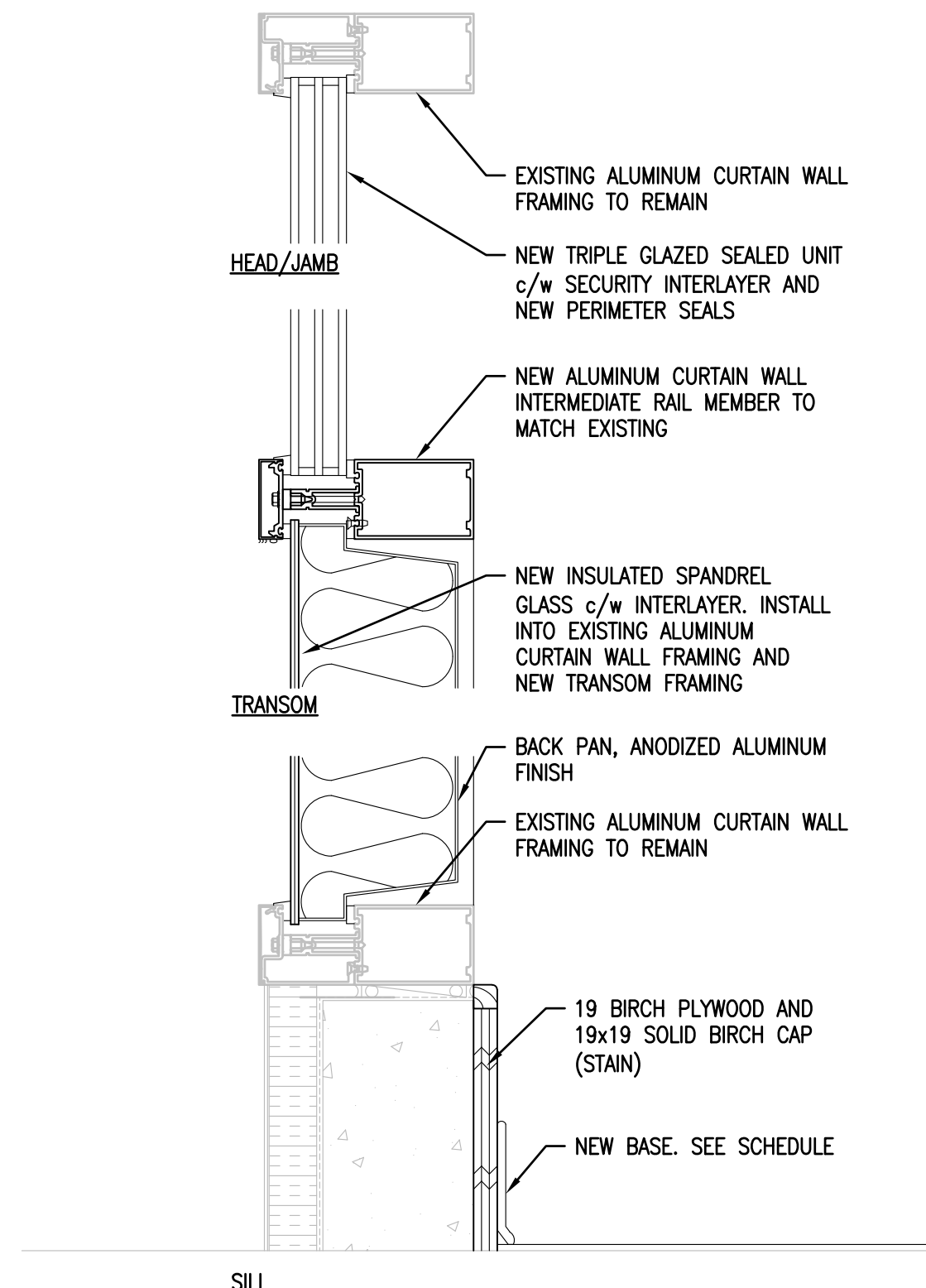
WALL TYPE 1
90 GRANITE
25 AIR SPACE
75 SEMI RIGID INSULATION
AIR VAPOUR BARRIER MEMBRANE
190 CONCRETE BLOCK
41 STEEL STUDS @ 400o.c.
16 GYPSUM BOARD



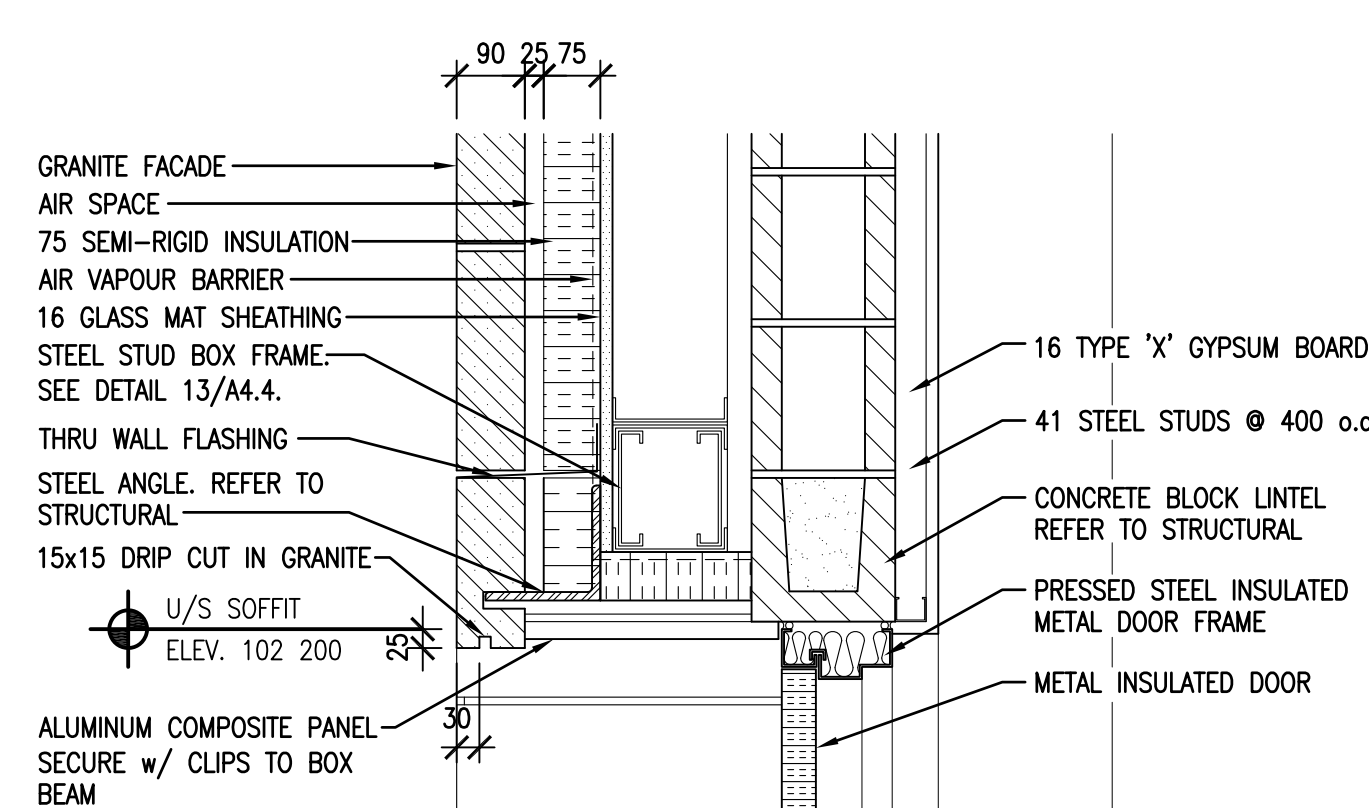
7 PERIMETER BULKHEAD DETAIL
A4.1 1:10



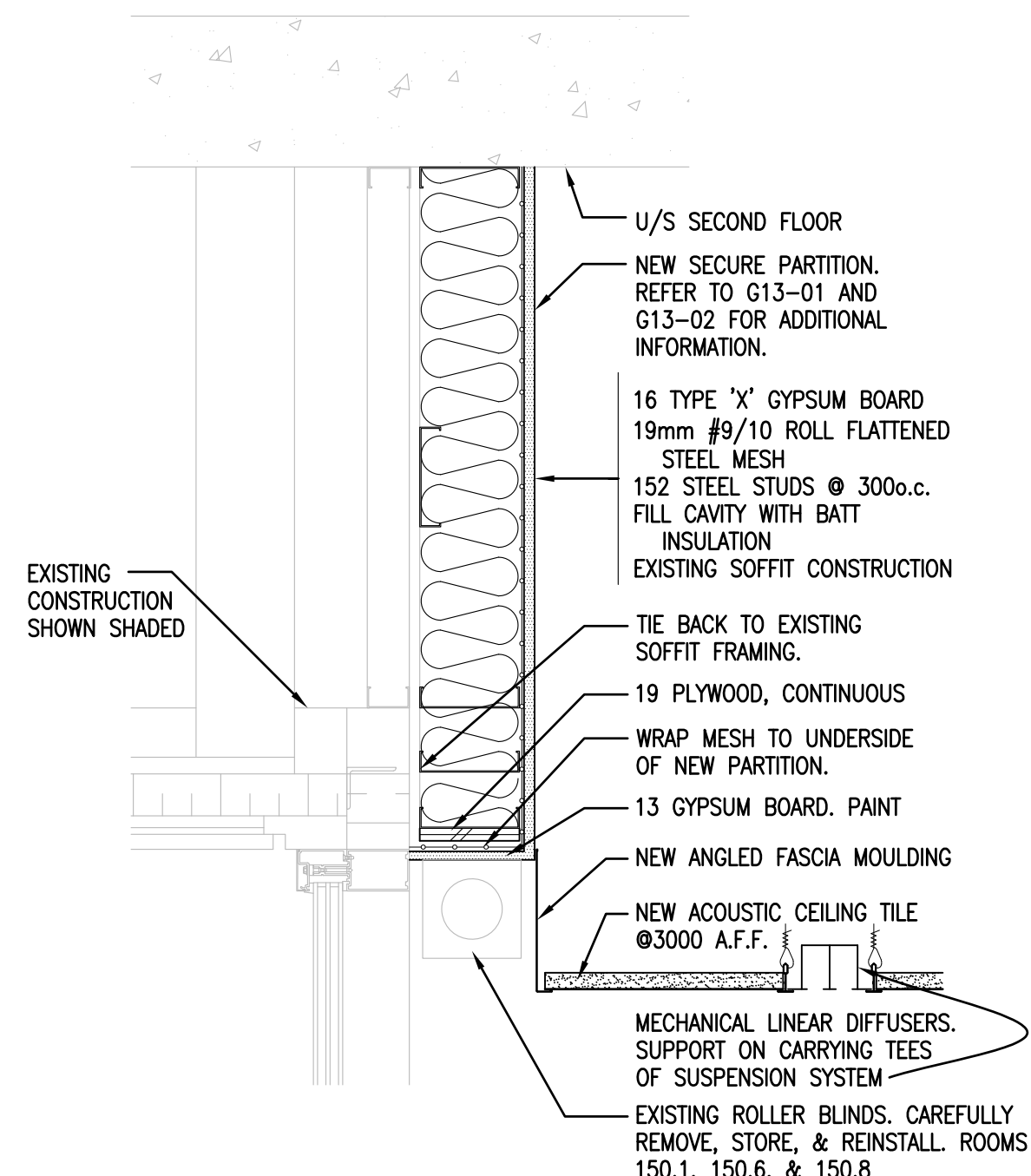
8 DETAIL AT FAN COILS
A2.5 1:10



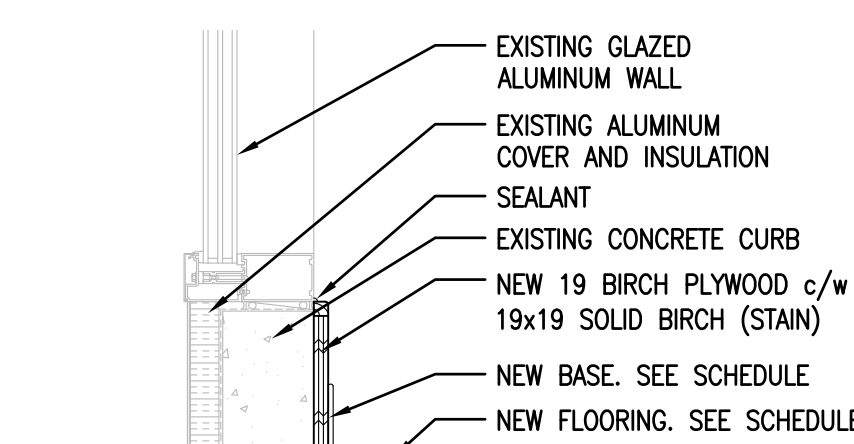
9 GLAZED ALUMINUM INFILL
A3.2 1:5



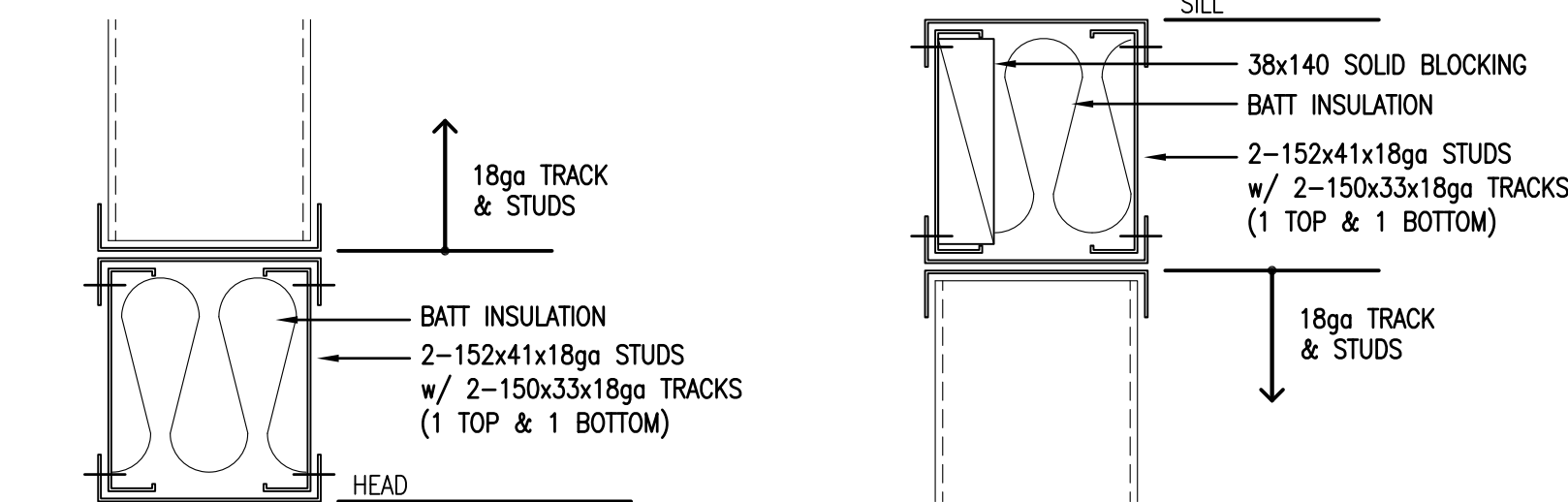
10 DETAIL AT EXTERIOR DOOR
A4.1 1:10



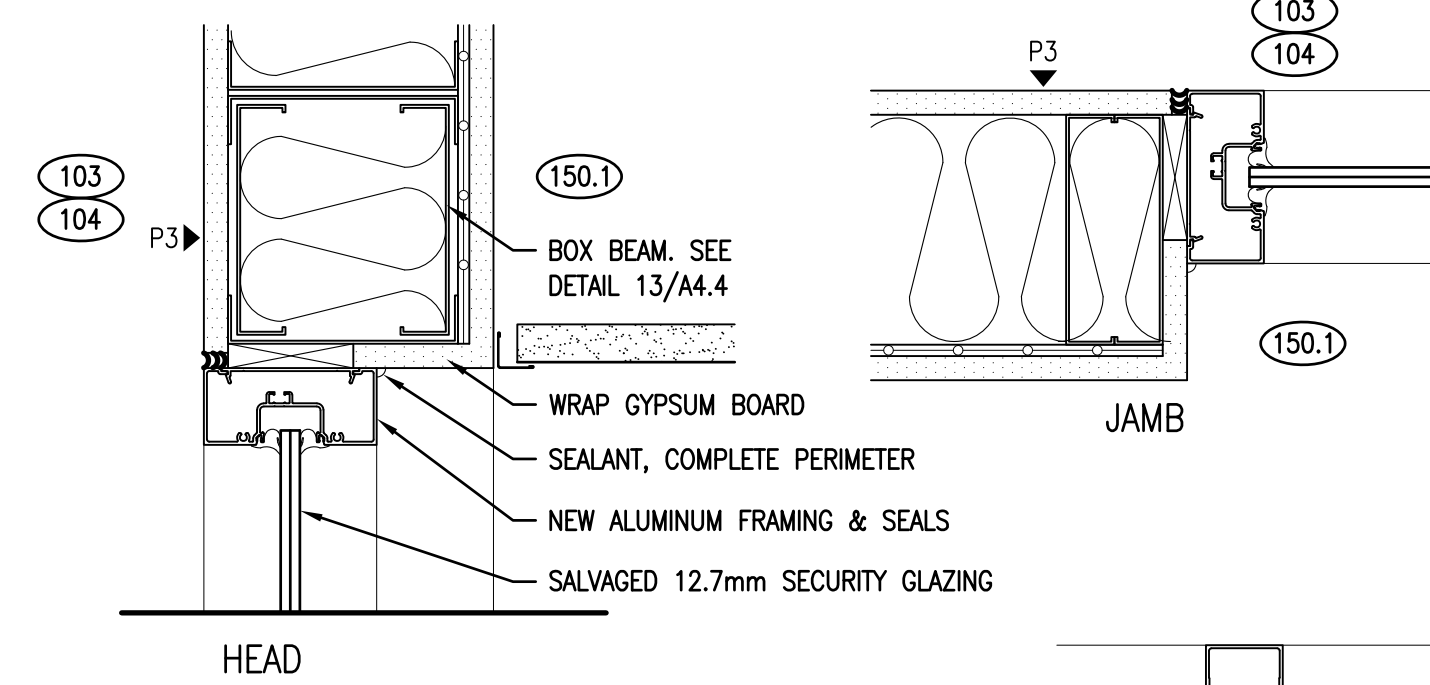
11 SECURE PERIMETER DETAIL
A4.1 1:10



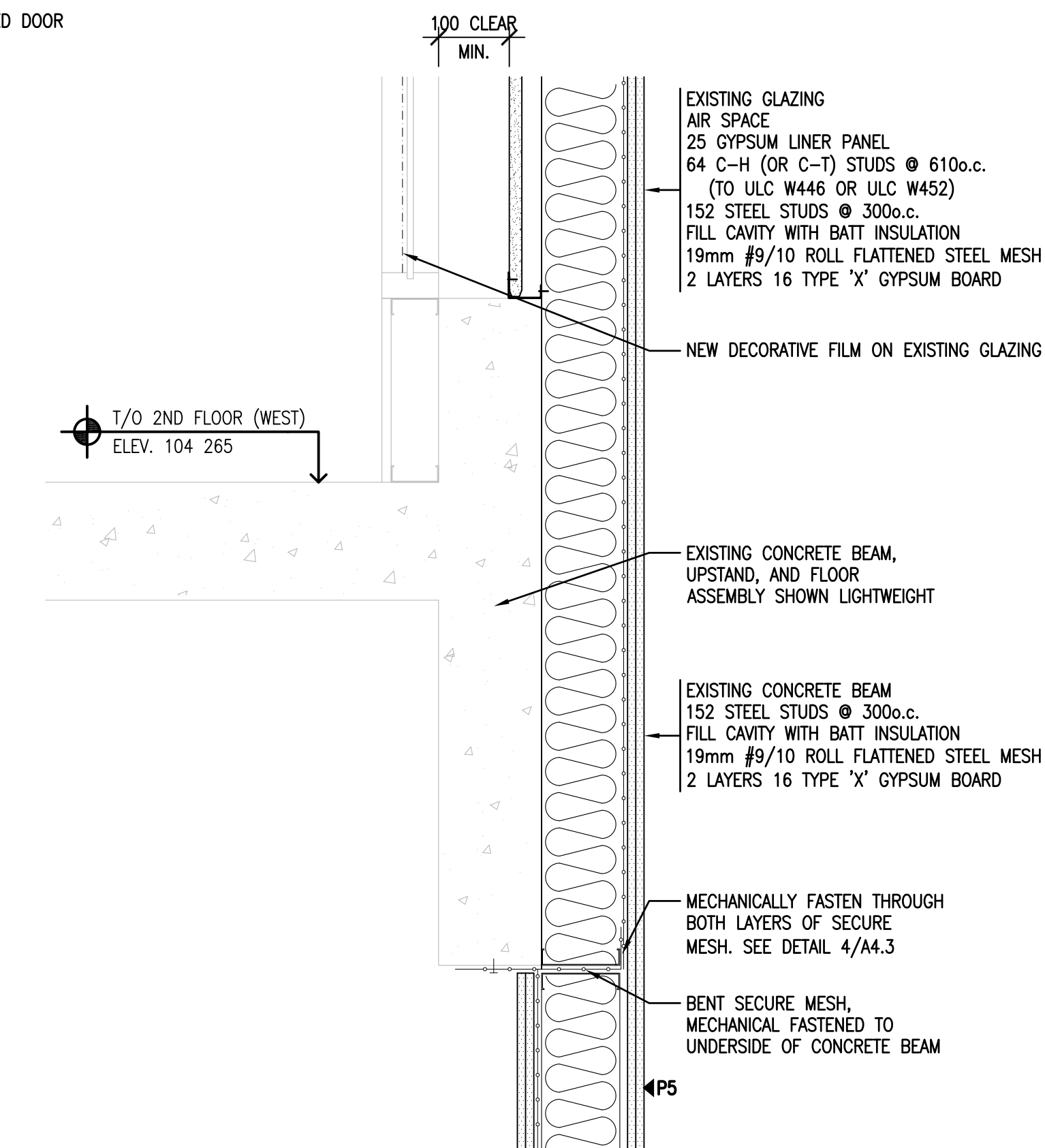
12 BASE DETAIL @ CURTAIN WALL
A2.4 1:10



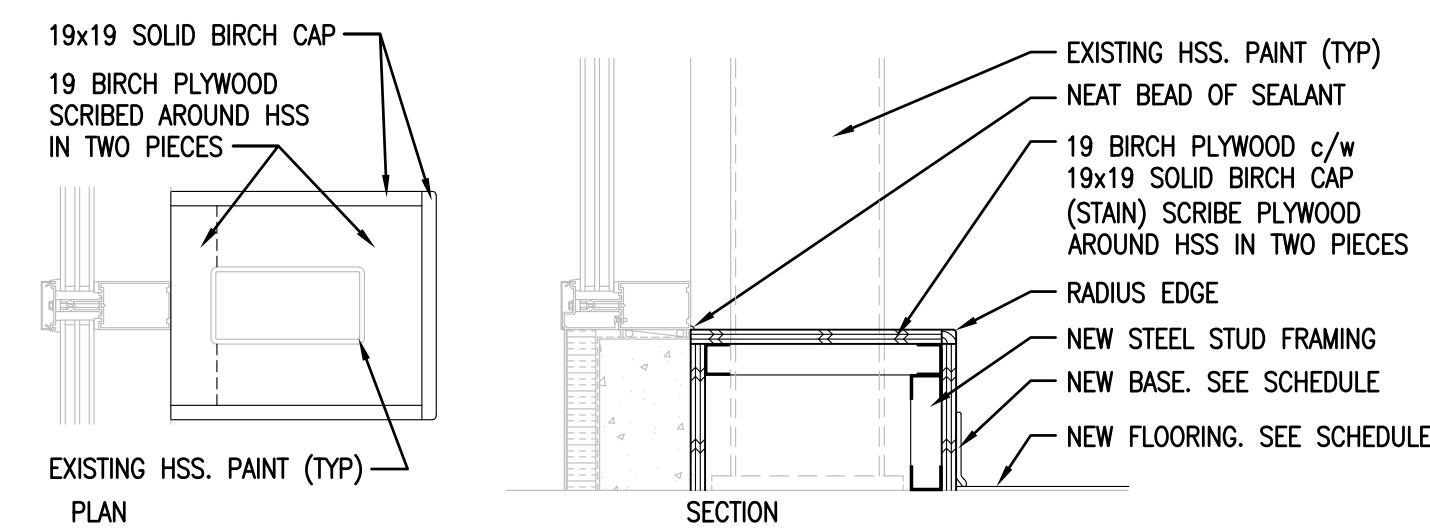
13 BOX BEAM DETAIL
A4.4 1:5



14 INTERIOR GLAZING
A3.1 1:5 (EXISTING GLAZING & NEW FRAMES)



15 DETAIL AT 2ND FLOOR GLAZING
A4.4 1:10



16 BASE DETAIL @ HSS
A2.4 1:10

DO NOT SCALE DRAWINGS

Revision/	Description/Description	Date/Date
5		
4		
3		
2		
1	ISSUED WITH ADDENDUM NO. 1	2021/06/28
0	ISSUED FOR TENDER	2021/03/17

PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA

Project title/Titre du projet
1783 HAMILTON STREET
REGINA, SASKATCHEWAN

ESDC - PPT REGINA
AMALGAMATION

Approved by/Approuvé par

Designed by/Concept par

Drawn by/Dessiné par

PWGS Project Manager/Administrateur de Projets TPSGC

JEAN-PHILIPPE BLOUIN

PWGS Architectural and Engineering Resources Manager/
Ressources Architecturales et d'Ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin

DETAILS

Project No./No. du projet

R.060346

Sheet/Fauille

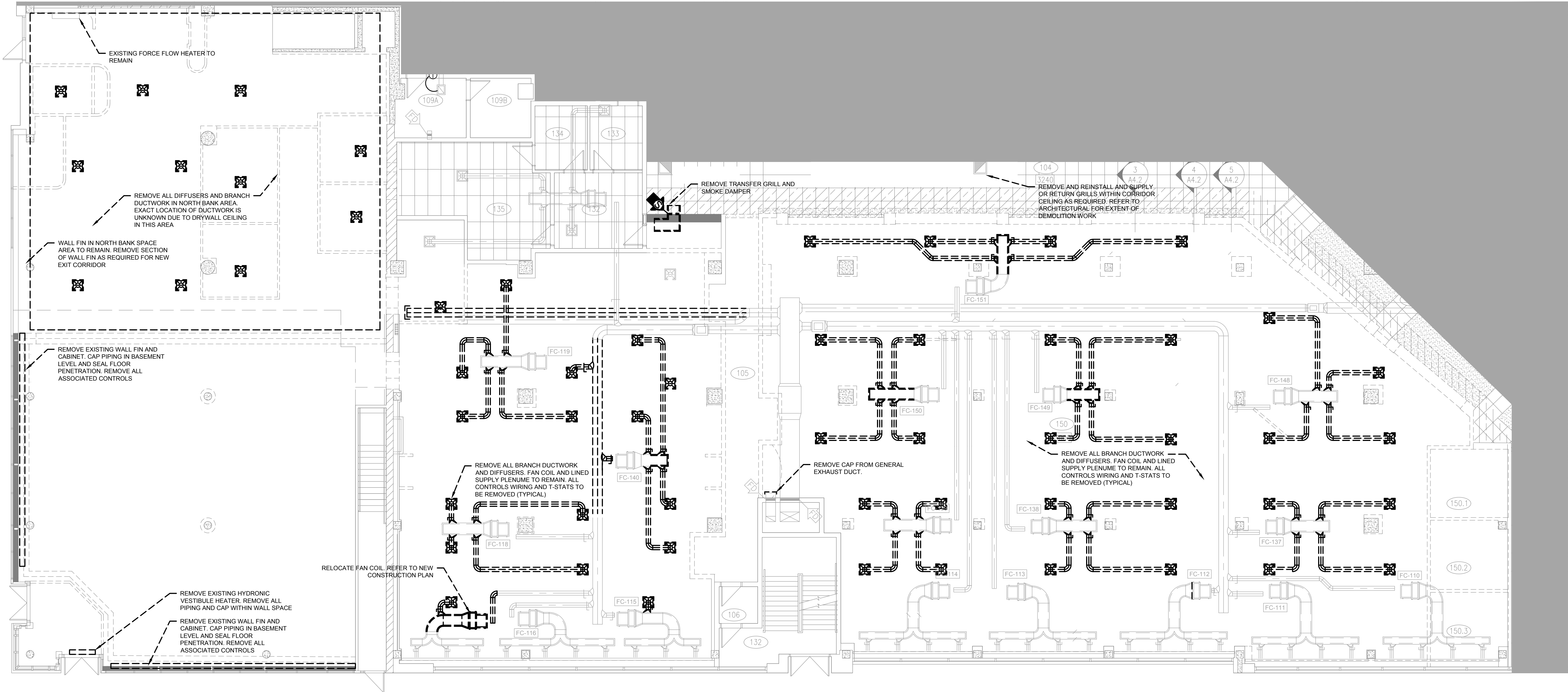
A4.4R1

OF 23

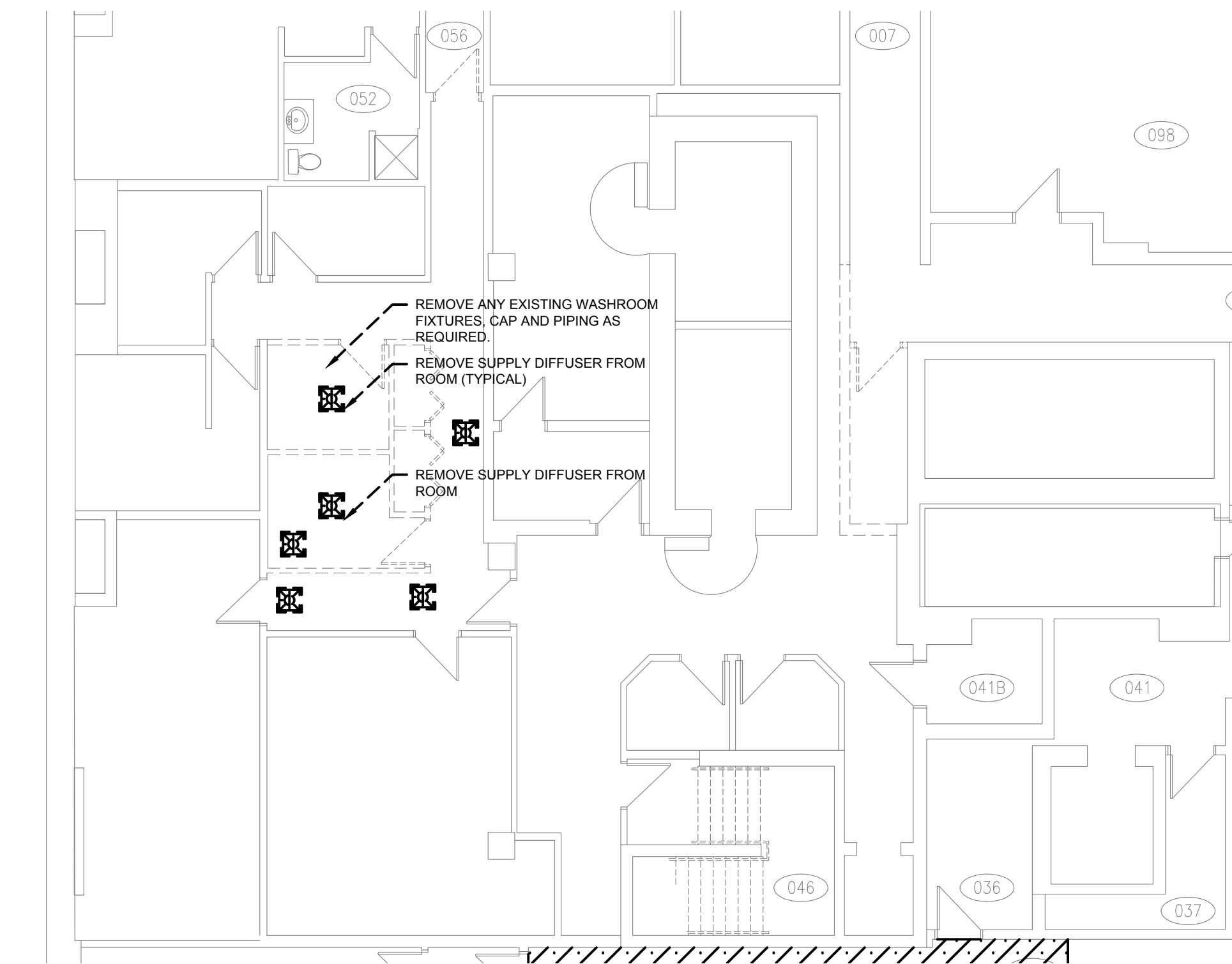
Revision no./
La révision

1

- GENERAL DEMOLITION NOTES:**
1. REMOVE ALL EXISTING SQUARE PLAQUE DIFFUSERS AS SHOWN.
 2. ALL EXISTING LINEAR SLOT DIFFUSERS TO BE REMOVED AND RE-INSTALLED IN NEW CEILING GRID. EXISTING CONTINUOUS SLOT TO BE REUSED.
 3. TEMPORARILY REMOVE TRANSFER DUCTS OUT OF SPACE WITHIN SMOKE SEPARATION. SMOKE DAMPERS TO BE REMOVED AND AND RE-INSTALLED.
 4. ALL EXISTING FAN COILS TO REMAIN. EXISTING INTERNALLY LINED SUPPLY PLENUM TO ALSO REMAIN. RELOCATE FAN COILS AS SHOWN.
 5. REMOVE ALL EXISTING WALL HEATING FIN IN SOUTH BANK SPACE. REMOVE ALL CONTROLS AND CONTROLS WIRING. CAP HYDRONIC PIPING IN BASEMENT. SEAL PENETRATIONS IN FLOOR SLAB.



1 MAIN FLOOR - HVAC DEMOLITION PLAN
M1.1 1:100



2 BASEMENT - HVAC DEMOLITION PLAN
M1.1 1:100

HVAC SYMBOLS	
SYMBOL	DESCRIPTION
	NEW DUCT
	EXISTING DUCT
	EXISTING DUCT REMOVED
	EXISTING EQUIPMENT REMOVED
	SUPPLY AIR DIFFUSER
	SUPPLY AIR LINEAR SLOT DIFFUSER
	RETURN AIR GRILLE
	EXHAUST/RETURN AIR GRILLE
	SUPPLY AIR REGISTER/GRILLE
	ACOUSTICALLY LINED DUCT
	FLEXIBLE DUCT (SIZE TO MATCH DIFFUSER NECK SIZE) - 10' LONG MAXIMUM OR AS SPECIFIED (WHICHEVER IS SHORTER)
	RECTANGULAR ELBOW WITH AIR TURNING VANES
	CONTROL WIRING
	THERMOSTAT / TEMPERATURE SENSOR
	HUMIDISTAT / HUMIDITY SENSOR
	ROUND DUCT TAKE-OFF FROM ROUND DUCT
	RECTANGULAR DUCT TAKE-OFF FROM RECTANGULAR DUCT
	ROUND DUCT/PIPE FROM BELOW
	OUTDOOR AIR OR SUPPLY AIR DUCT UP
	OUTDOOR AIR OR SUPPLY AIR DUCT DOWN
	OUTDOOR AIR OR SUPPLY AIR DUCT FROM BELOW
	RETURN AIR DUCT UP
	RETURN AIR DUCT DOWN
	RETURN AIR DUCT FROM BELOW
	EXHAUST AIR DUCT UP
	EXHAUST AIR DUCT DOWN
	EXHAUST AIR DUCT FROM BELOW
	EXHAUST AIR GRILLE
	BALANCING DAMPER (VOLUME)



DO NOT SCALE DRAWINGS

Revision/Revisions	Description/Description	Date/Date
1	ISSUED FOR ADDENDUM NO. 1	2021/06/29
0	ISSUED FOR TENDER	2021/03/17

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Project title/Titre du projet
1783 HAMILTON STREET
REGINA, SASKATCHEWAN

**ESDC - PPT REGINA
AMALGAMATION**

Approved by/Approuvé par
J. POMERLEAU
Designed by/Concept par
G. REIMER / J. POMERLEAU
Drawn by/Dessiné par
G. REIMER
PWSC Project Manager/Administrateur de Projet TPSC
JEAN-PHILIPPE BLOUIN
PWSC Architectural and Engineering Services Manager/
Responsable Architectural et de Services d'Ingénierie, TPSC

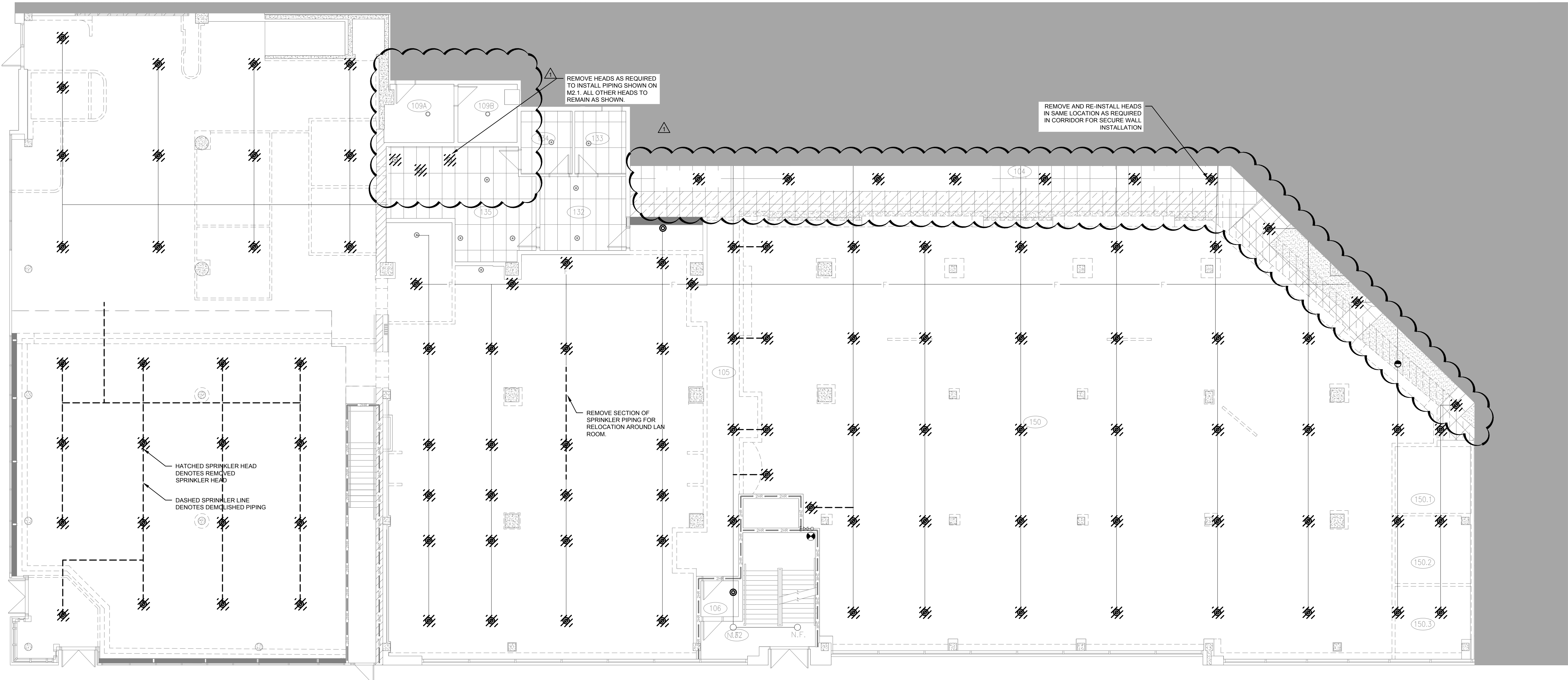
Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA
Drawing title/Titre du dessin
HVAC DEMOLITION PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./ La révision no.
R.060346	M1.1 1 OF 6	1

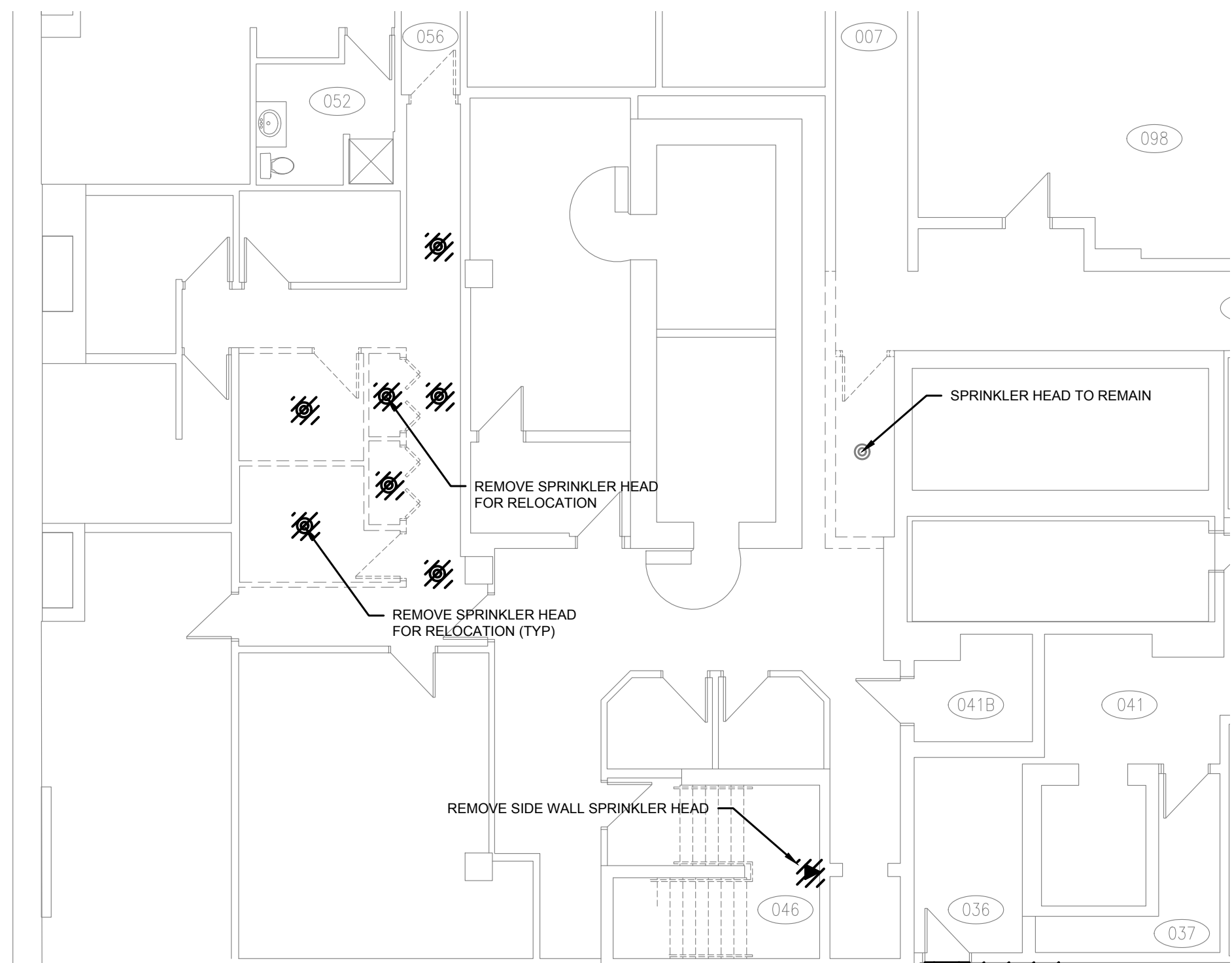
FIRE PROTECTION SYMBOLS

SYMBOL	DESCRIPTION
	EXISTING PIPING
	EXISTING PIPING REMOVED
	NEW SPRINKLER PIPING
	UPRIGHT SPRINKLER HEAD
	SEMI-RECESSED SPRINKLER HEAD
	SIDEWALL SPRINKLER HEAD
	RECESSED FIRE EXTINGUISHER CABINET (w/ FIRE EXTINGUISHER)

GENERAL FIRE PROTECTION DEMOLITION NOTES:
1. REMOVE ALL HEADS AS SHOWN, SPRINKLER MAINS TO REMAIN
2. REMOVE ALL FIRE EXTINGUISHERS AND SUPPORTING BRACKETS
3. REMOVE SPRINKLER HEADS IN CORRIDOR AS REQUIRED FOR SECURE WALL MODIFICATIONS. RE-INSTALL HEADS IN ORIGINAL LOCATION



1 MAIN FLOOR - FIRE PROTECTION DEMOLITION PLAN
M1.2 1:100



2 BASEMENT - FIRE PROTECTION DEMOLITION PLAN
M1.1 1:100



DO NOT SCALE DRAWINGS

Revision/Revisions	Description/Description	Date/Date
1	ISSUED FOR ADDENDUM NO. 1	2021/06/29
0	ISSUED FOR TENDER	2021/03/17

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Project title/Titre du projet
1783 HAMILTON STREET
REGINA, SASKATCHEWAN

**ESDC - PPT REGINA
AMALGAMATION**

Approved by/Approuvé par
J. POMERLEAU

Designed by/Concept par
G. REIMER / J. POMERLEAU

Drawn by/Dessiné par
G. REIMER

PWOSC Project Manager/Administrateur de Projets TPSC
JEAN-PHILIPPE BLOUIN

PWOSC Architectural and Engineering Resources Manager/
Ressources Architecturales et de Génie des Projets, TPSC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**MAIN FLOOR
FIRE PROTECTION DEMOLITION**

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.060346	M1.2 2 OF 6	1

- | |
|---|
| GENERAL PLUMBING & HYDRONIC NOTES: |
| 1. REFER TO PIPE SECTION DETAIL FOR PIPE RUN ORIENTATION. |
| 2. REFER TO FAN COIL CONNECTION DETAIL FOR ALL REQUIRED VALVING. |
| 3. NEW SANITARY LINE TO BE ROUTED THROUGH BASEMENT. ENSURE MINIMUM SLOPE OF 1% IS MAINTAINED. |
| 4. PROVIDE ISOLATION VALVES ON ALL PLUMBING FIXTURES. |
| 5. PROVIDE 250 VALVED AND CAPPED HEATING AND CHILLED WATER LINES WITHIN CEILING SPACE OF NORTH BANK AREA. |
| 6. ALL CONDENSATE LINES TO DRAIN BY GRAVITY TO CENTRAL DRAINAGE POINT. |
| 7. SLOPE CONDENSATE LINE TO MAINTAIN A MINIMUM OF 1%. |
| 8. FORCE FLOWS TO THE SEMI-RECESSED. REFER TO ARCHITECTURE FOR FORCE FLOW RECESSED INTO SECURE WALL. |



DO NOT SCALE DRAWINGS

-	-	-
-	-	-
-	-	-
-	-	-
1	ISSUED FOR ADDENDUM NO. 1	2021/06/29
0	ISSUED FOR TENDER	2021/03/17
Revision/	Description/Description	Date/Date

Revision	
Client/client	

**PUBLIC SERVICES AND
PROCUREMENT CANADA**

Project title/Titre du projet
1783 HAMILTON STREET
REGINA, SASKATCHEWAN

ESDC - PPT REGINA AMALGAMATION

Approved by/Approuve par
J.POMERLEAU

Designed by/Concept par
G.REIMER / J.POMERLEAU

Drawn by/Dessiné par
G. REIMER

PWGSC Project Manager/Administrateur de Projets TPSGC
JEAN-PHILIPPE BLOUIN

**PWOSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCC**

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin

**HEATING & CHILLED WATER SYSTEM
PLUMBING
TIE-IN SCHEMATICS**

Project No. /No. du projet

R.060346

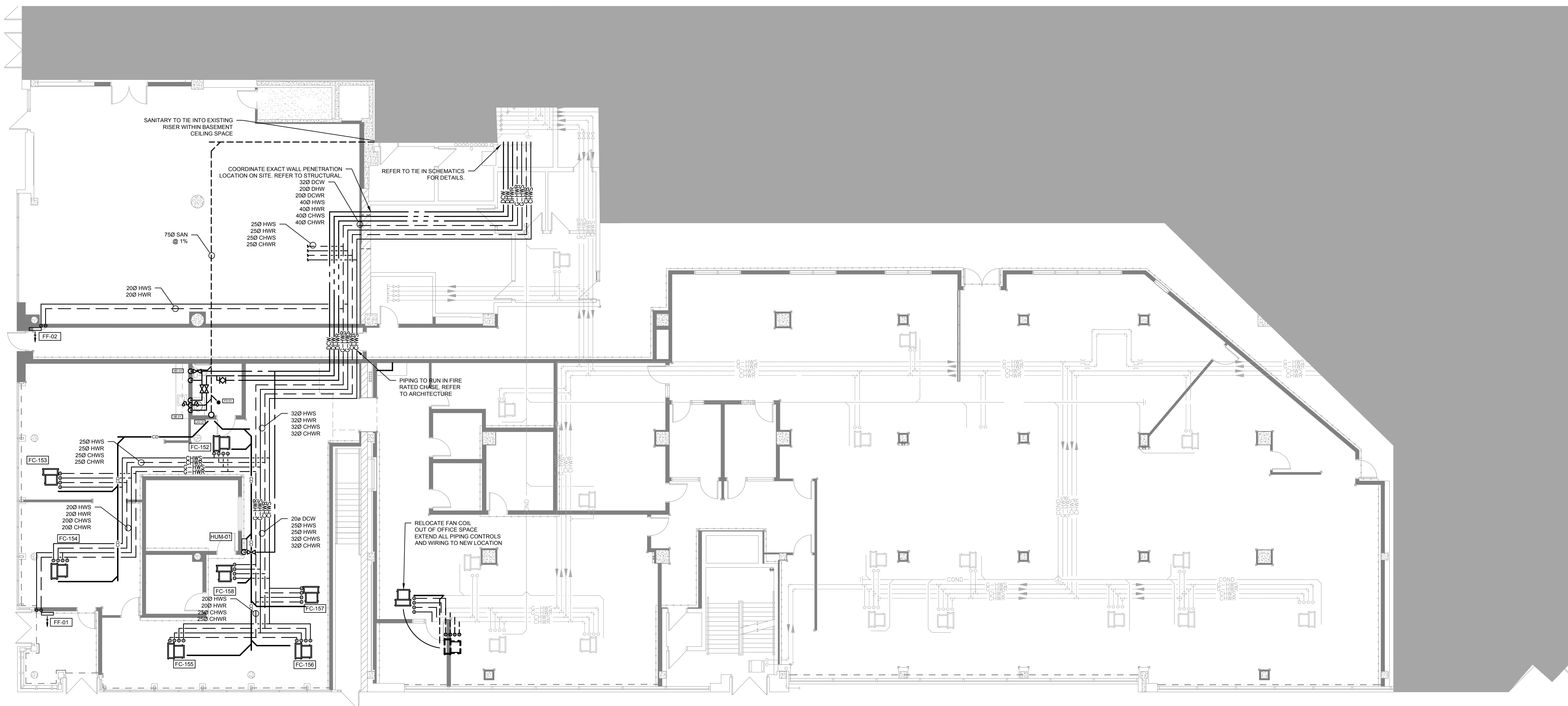
Sheet / Earthwork

M2.1

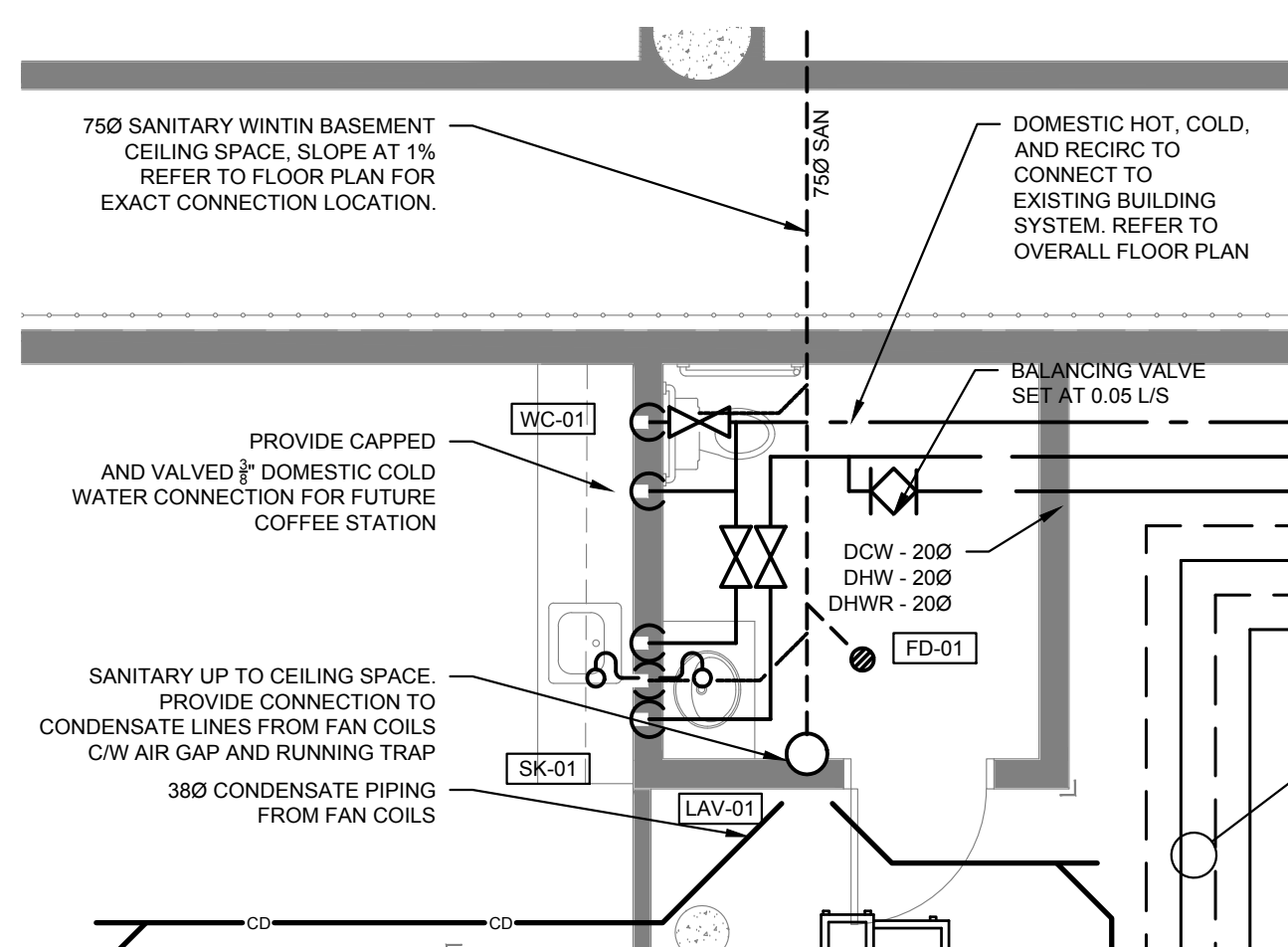
3 OF 6

Berkley, no. 4

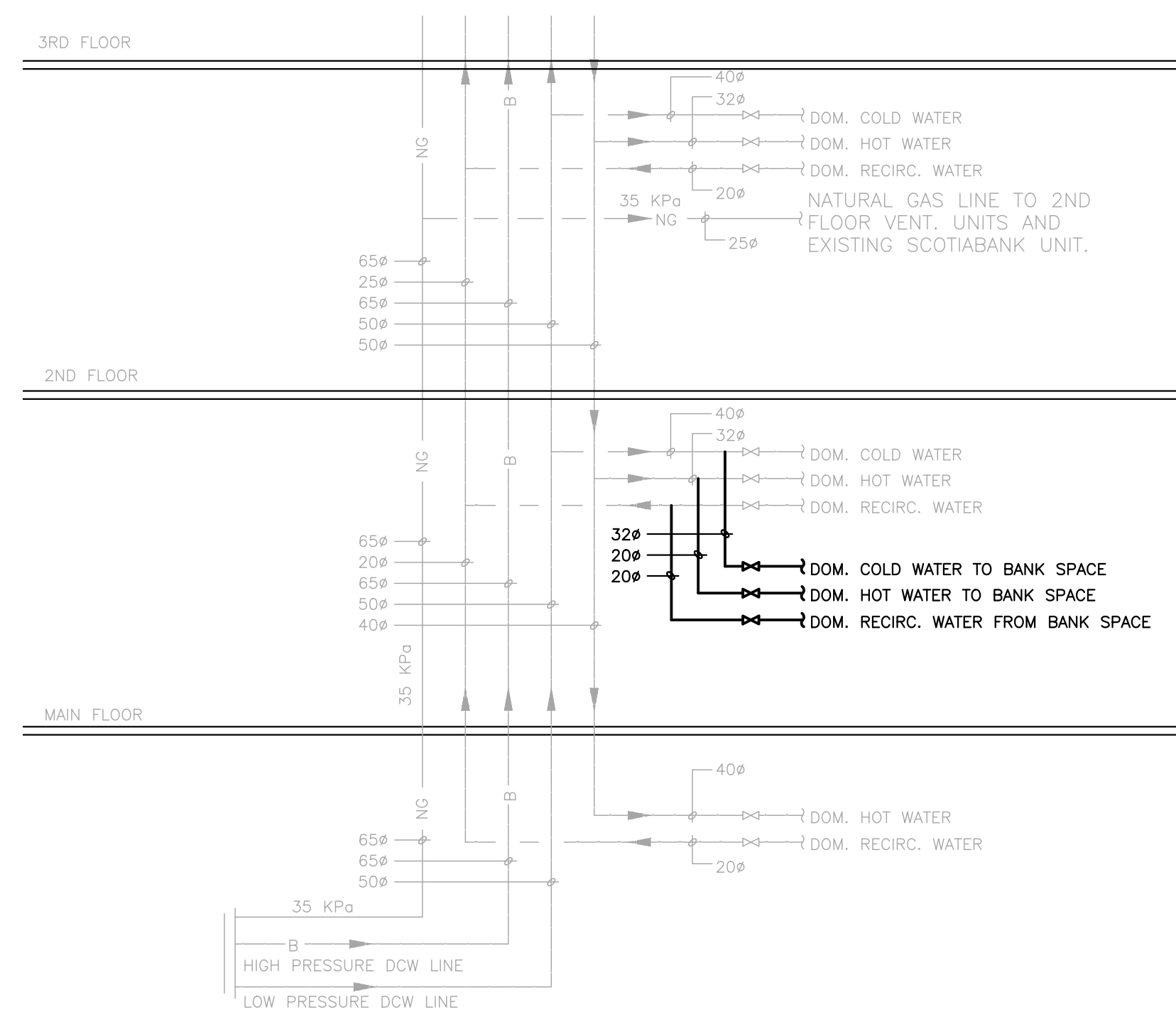
1



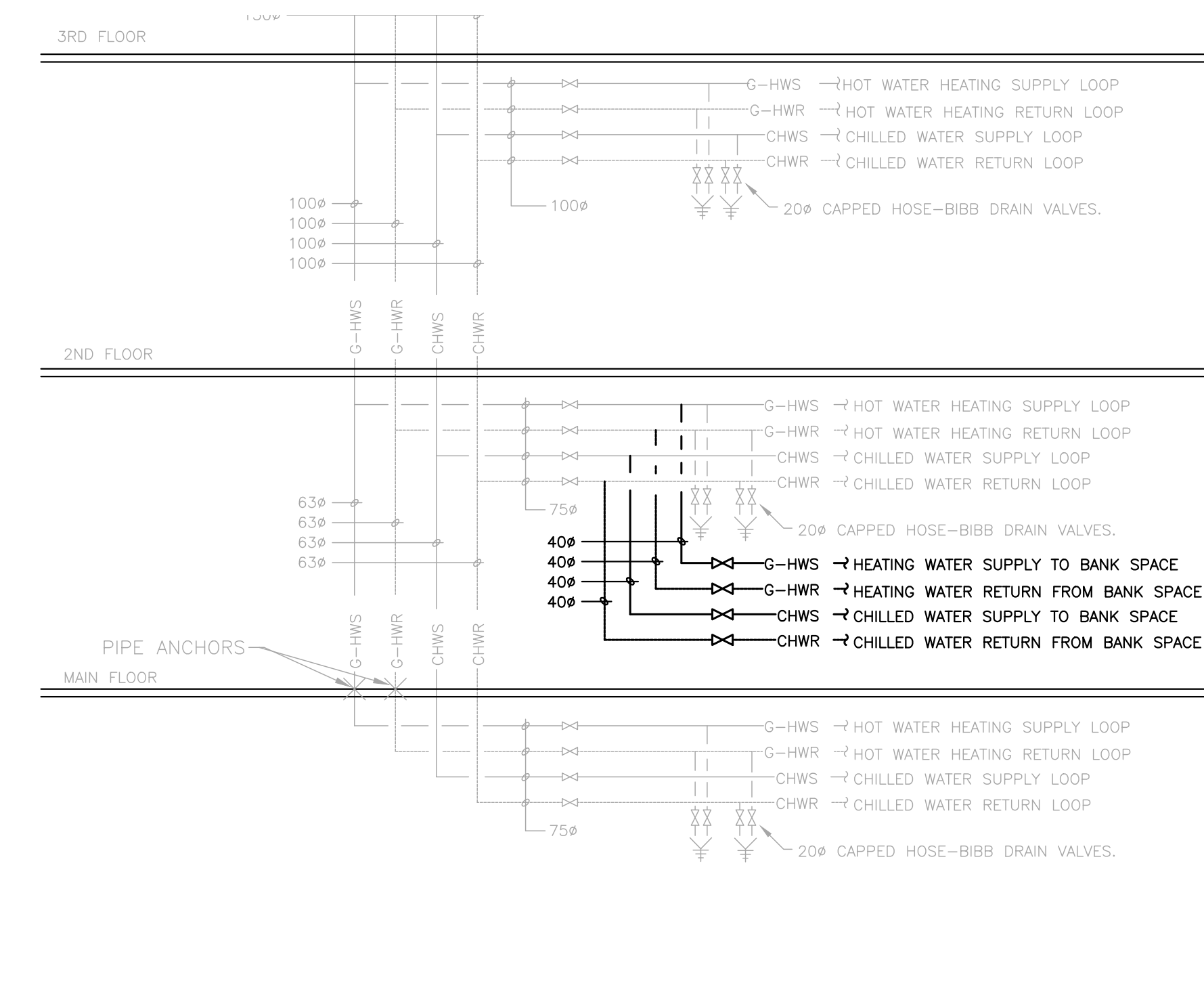
1 MAIN FLOOR - PLUMBING & HYDRONIC PLAN
M2.1 1:100



2 WASHROOM DETAIL
M2.1 1:50



3 DOMESTIC WATER TIE IN SCHEMATIC
M2.1 1:50



4 HEATING AND CHILLED GLYCOL TIE IN SCHEMATIC
M2.1 1:50

- GENERAL HVAC NOTES:**
- CROSS HATCHED DUCTS DENOTE ACOUSTICALLY LINED DUCTWORK.
 - PROVIDE BALANCING DAMPERS ON ALL BRANCH DUCTS AS CLOSE TO MAIN AS POSSIBLE.
 - MAX ALLOWABLE LENGTH OF FLEX DUCT SHALL NOT EXCEED 900mm PROVIDE HARD ELBOWS ON ALL DIFFUSERS.
 - BRANCH DUCTWORK SIZE TO MATCH DIFFUSER THROAT SIZE
 - COORDINATE DIFFUSER AND GRILL LOCATIONS WITH ALL OTHER DISCIPLINES. NOTIFY CONSULTANT IF INTERFERENCE EXISTS.
 - CONTINUOUS LINIER SLOT DIFFUSER TO BE REINSTALLED.
 - ALL THERMOSTATS WITHIN PUBLIC AREAS TO BE COMPLETE WITH LOOKING COVER.
 - MSBG DENOTES SECURITY BAR GRILLES TO BE INSTALLED IN DUCTWORK. REFER TO SCHEDULE. COORDINATED EXACT SIZE PRIOR TO ORDERING.
 - REMOVE AND RE-INSTALL TRANSFER AIR GRILLES AS NOTED. REUSE SMOKE DAMPER. REFER TO ELECTRICAL FOR ELECTRICAL CONNECTION DETAILS.
 - TRANSFER AIR GRILLES TO BE LOCATED IN CEILING SPACE WITH ROOMS WITH FULL HEIGHT WALLS.
 - HUM-01 TO BE MOUNTED WITHIN CEILING SPACE ON FULL HEIGHT WALL. PROVIDE STEAM DISTRIBUTION TUBE FOR DUCT INSTALLATION. HUMIDIFIER CONDENSATE LINE TO TIE INTO FAN COIL CONDENSATE DRAIN LINE



DO NOT SCALE DRAWINGS

1	ISSUED FOR ADDENDUM NO. 1	2021/06/29
0	ISSUED FOR TENDER	2021/03/17

Revision/Revisions Description/Description Date/Date Client/client

**PUBLIC SERVICES AND
PROCUREMENT CANADA**

Project title/Titre du projet
**1783 HAMILTON STREET
REGINA, SASKATCHEWAN**

**ESDC - PPT REGINA
AMALGAMATION**

Approved by/Approuvé par
J. POMERLEAU

Designed by/Concept par
G. REIMER / J. POMERLEAU

Drawn by/Dessiné par
G. REIMER

PWOSC Project Manager/Administrateur de Projet TPSC
JEAN-PHILIPPE BLOUIN

PWOSC Architectural and Engineering Resources Manager/
Ressources Architecturales et de Génie des Ingénieurs, TPSC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

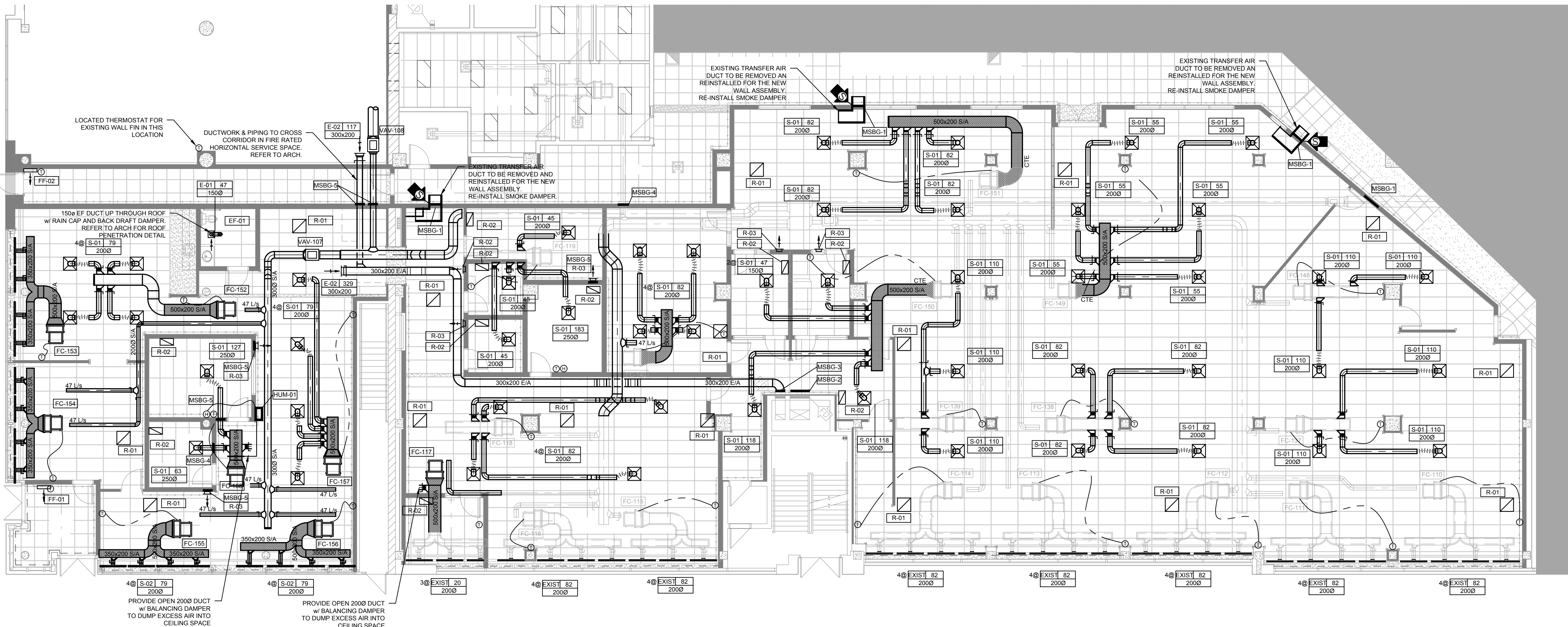
Drawing title/Titre du dessin

**MAIN FLOOR
HVAC NEW CONSTRUCTION PLAN**

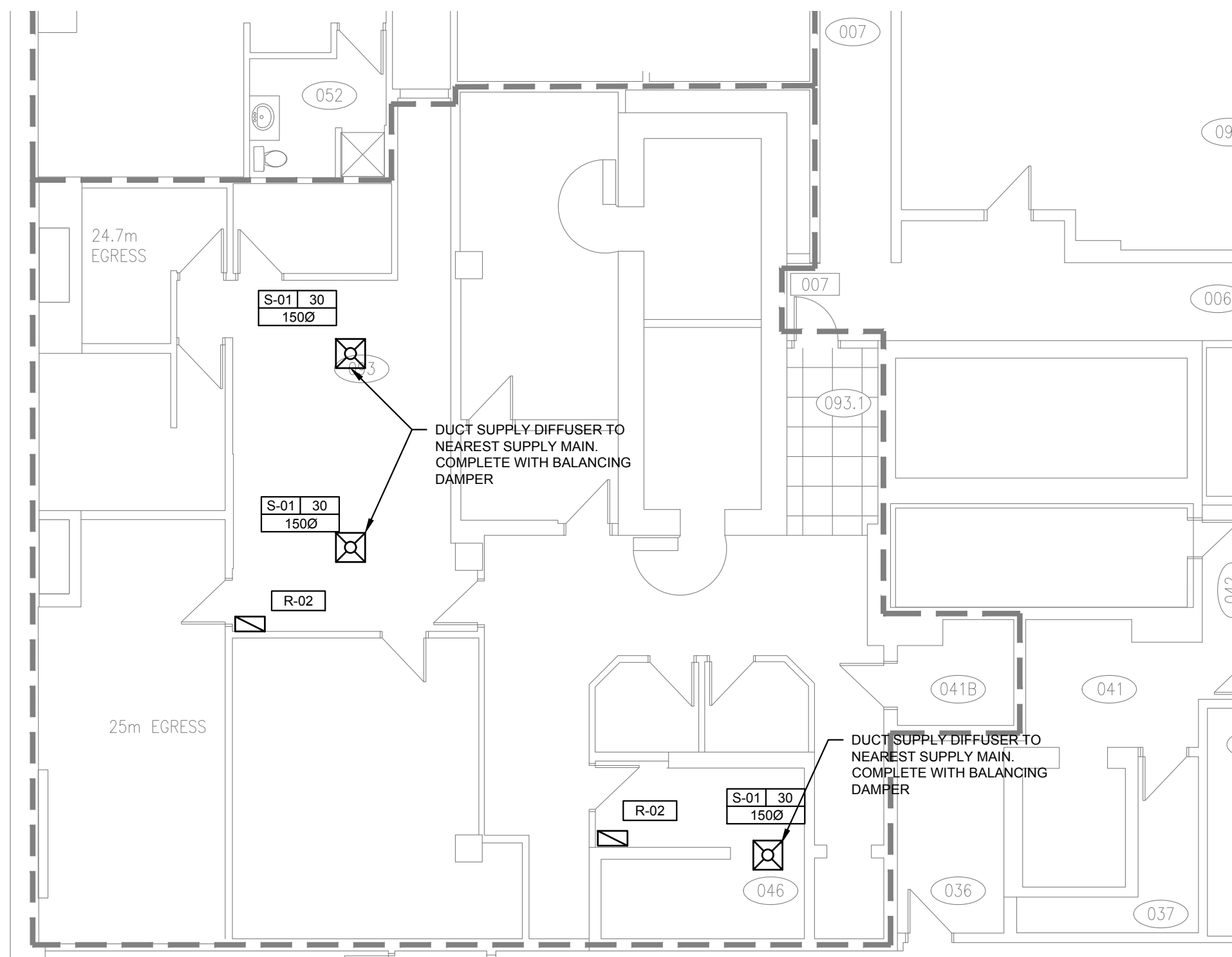
Project No./No. du projet
R.060346

Sheet/Feuille
M3.1
4 OF 6

Revision no./
La révision
no.
1



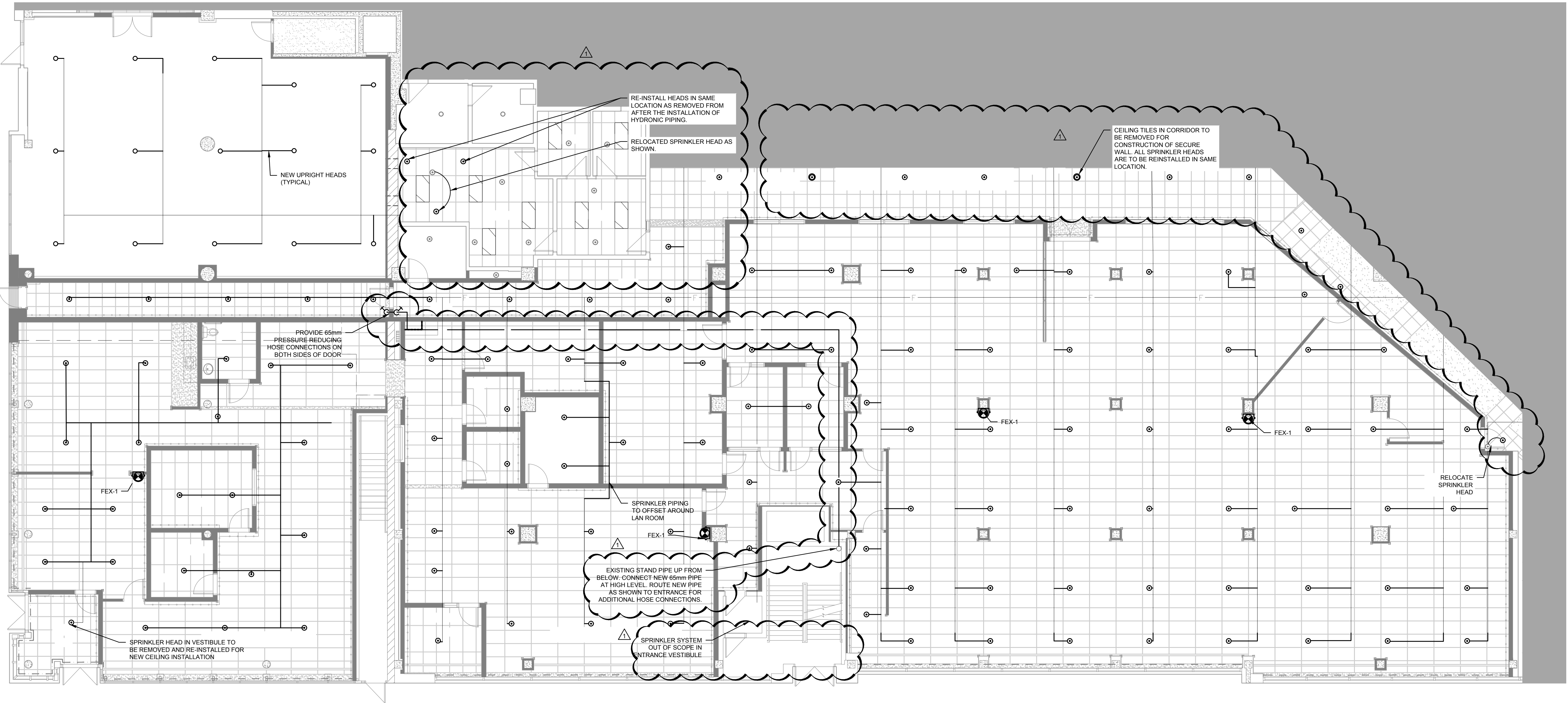
1 MAIN FLOOR - HVAC CONSTRUCTION PLAN
M3.1 1:100



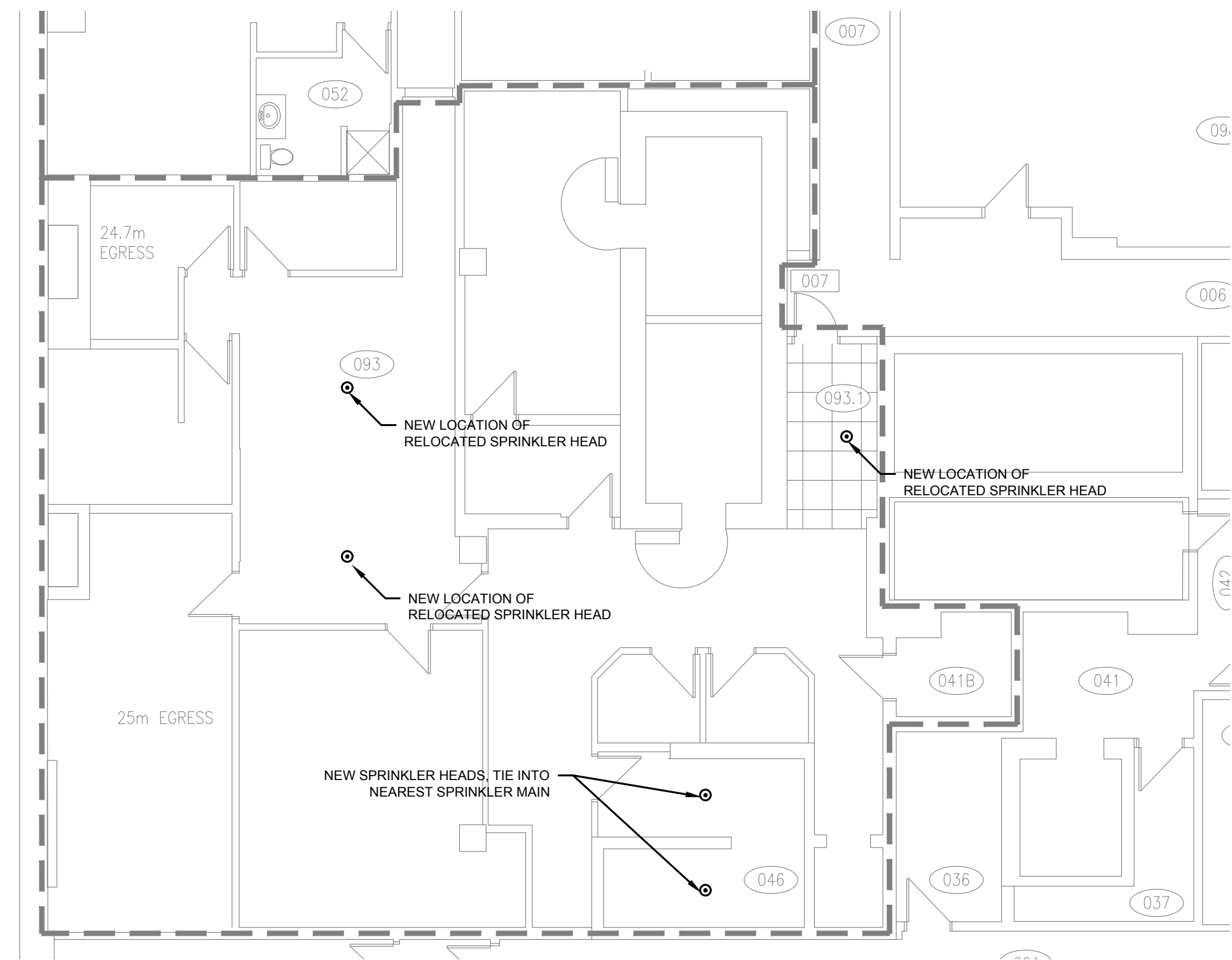
2 BASEMENT - HVAC CONSTRUCTION PLAN
M1.1 1:100

HVAC SYMBOLS	
SYMBOL	DESCRIPTION
	NEW DUCT
	EXISTING DUCT
	EXISTING DUCT REMOVED
	EXISTING EQUIPMENT REMOVED
	SUPPLY AIR DIFFUSER
	SUPPLY AIR LINEAR SLOT DIFFUSER
	RETURN AIR GRILLE
	EXHAUST/RETURN AIR GRILLE
	SUPPLY AIR REGISTER/GRILLE
	ACOUSTICALLY LINED DUCT
	FLEXIBLE DUCT (SIZE TO MATCH DIFFUSER NECK SIZE) - 10' LONG MAXIMUM OR AS SPECIFIED (WHICHEVER IS SHORTER)
	RECTANGULAR ELBOW WITH AIR TURNING VANES
	CONTROL WIRING
	THERMOSTAT / TEMPERATURE SENSOR
	HUMIDISTAT / HUMIDITY SENSOR
	ROUND DUCT TAKE-OFF FROM ROUND DUCT
	RECTANGULAR DUCT TAKE-OFF FROM RECTANGULAR DUCT
	ROUND DUCT/PIPE FROM BELOW
	OUTDOOR AIR OR SUPPLY AIR DUCT UP
	OUTDOOR AIR OR SUPPLY AIR DUCT DOWN
	OUTDOOR AIR OR SUPPLY AIR DUCT FROM BELOW
	RETURN AIR DUCT UP
	RETURN AIR DUCT DOWN
	RETURN AIR DUCT FROM BELOW
	EXHAUST AIR DUCT UP
	EXHAUST AIR DUCT DOWN
	EXHAUST AIR DUCT FROM BELOW
	EXHAUST AIR GRILLE
	BALANCING DAMPER (VOLUME)

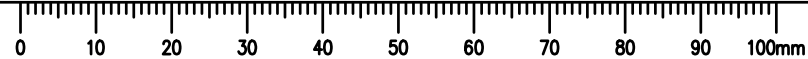
FIRE PROTECTION SYMBOLS	
SYMBOL	DESCRIPTION
	EXISTING PIPING
	EXISTING PIPING REMOVED
	NEW SPRINKLER PIPING
	UPRIGHT SPRINKLER HEAD
	SEMI RECESSED SPRINKLER HEAD
	SIDE WALL SPRINKLER HEAD
	RECESSED FIRE EXTINGUISHER CABINET (c/w FIRE EXTINGUISHER)



1 MAIN FLOOR - FIRE PROTECTION PLAN
M4.1 1:100



2 BASEMENT - FIRE PROTECTION PLAN
M1.1 1:100



Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

Association of Professional Engineers & Geoscientists
of Saskatchewan

CERTIFICATE OF AUTHORIZATION
WSP Canada Inc.

Number C0989

Permission to Consult held by:

Discipline: Mechanical, Sk. Reg. No.: 14867, Signature: [Signature]

DO NOT SCALE DRAWINGS

Revision/Revisé	Description/Description	Date/Date
1	ISSUED FOR ADDENDUM NO. 1	2021/06/29
0	ISSUED FOR TENDER	2021/03/17

Client/client

PUBLIC SERVICES AND
PROCUREMENT CANADA

Project title/Titre du projet
1783 HAMILTON STREET
REGINA, SASKATCHEWAN

ESDC - PPT REGINA
AMALGAMATION

Approved by/Approuvé par
J. POMERLEAU

Designed by/Conçue par
G. REIMER / J. POMERLEAU

Drawn by/Dessiné par
G. REIMER

PWOSC Project Manager/Administrateur de Projet TPSCC
JEAN-PHILIPPE BLOUIN

PWOSC Architectural and Engineering Resources Manager/
Ressources Architecturales et de Génie de l'Ingénierie, TPSCC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
MAIN FLOOR
FIRE PROTECTION PLAN

Project No./No. du projet R.060346	Sheet/Feuille M4.1 5 OF 6	Revision no./ La révision no. 1
---------------------------------------	---------------------------------	--

FAN COIL SCHEDULE													
TAG	S/A FLOW RATE (L/s)	S/A E.S.P (Pa)	AIR FLOW (L/s)	HEATING COIL CAPACITY (kW)	HEATING EWT (°C)	HEATING LWT (°C)	HEATING FLUID TYPE	TOTAL COOLING (kW)	SENSIBLE COOLING (kW)	COOLING EWT (°C)	COOLING LWT (°C)	COOLING FLUID TYPE	MOTOR SPEED
FC-152	319	74	319	5.6	82	58	35% P.G.	4.35	4	6.6	15.1	WATER	MEDIUM
FC-153	319	74	319	5.6	82	58	35% P.G.	4.35	4	6.6	15.1	WATER	MEDIUM
FC-154	319	74	319	5.6	82	58	35% P.G.	4.35	4	6.6	15.1	WATER	MEDIUM
FC-155	319	74	319	5.6	82	58	35% P.G.	4.35	4	6.6	15.1	WATER	MEDIUM
FC-156	319	74	319	5.6	82	58	35% P.G.	4.35	4	6.6	15.1	WATER	MEDIUM
FC-157	319	74	319	5.6	82	58	35% P.G.	4.35	4	6.6	15.1	WATER	MEDIUM
FC-158	319	74	319	5.6	82	58	35% P.G.	4.35	4	6.6	15.1	WATER	MEDIUM
													COMPLETE WITH: - RETURN AIR PLENUM w/ 25mm ACOUSTIC LINING, BOTTOM ACCESS, MERV 4 FILTER, INSULATED, SEALED GALVANIZED DRAIN PAN, GALVANIZED CABINET w/ ACOUSTIC LINING, NEOPRENE ISOLATORS, ECM MOTOR w/ THERMAL OVERLOAD PROTECTION

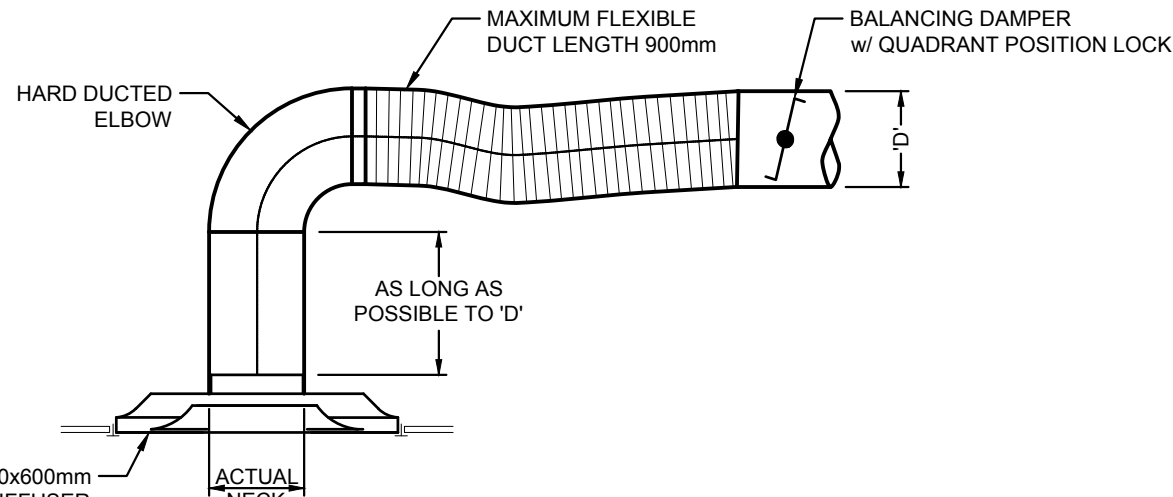
FORCE FLOW SCHEDULE									
TAG	EQUIPMENT TYPE	S/A FLOW RATE (L/s)	HEATING COIL FLOW (L/s)	HEATING COIL CAPACITY (kW)	EWT (°C)	LWT (°C)	FLUID TYPE	ELECTRICAL (FLA/V/PH/Hz)	COMMENTS
FF-01	HYDRONIC FORCE FLOW HEATER	94	0.04	4	82	58	35% P.G.	1.9 / 120/1/60	SEMI-RECESSED PROVIDE w/ LOW VOLTAGE THERMOSTAT
FF-02	HYDRONIC FORCE FLOW HEATER	283	0.11	10.9	82	58	35% P.G.	1.9 / 120/1/60	SEMI-RECESSED PROVIDE w/ LOW VOLTAGE THERMOSTAT

FAN SCHEDULE							
TAG	FAN TYPE	AREA SERVED	FLOW RATE (L/s)	E.S.P (Pa)	HORSEPOWER	ELECTRICAL (V/PH/Hz)	COMMENTS
EF-1	CEILING MOUNTED FAN	SINGLE WASHROOM	47	74	FRAC.	120/1/60	PROVIDE w/ BACK DRAFT DAMPER AND ROOF CAP

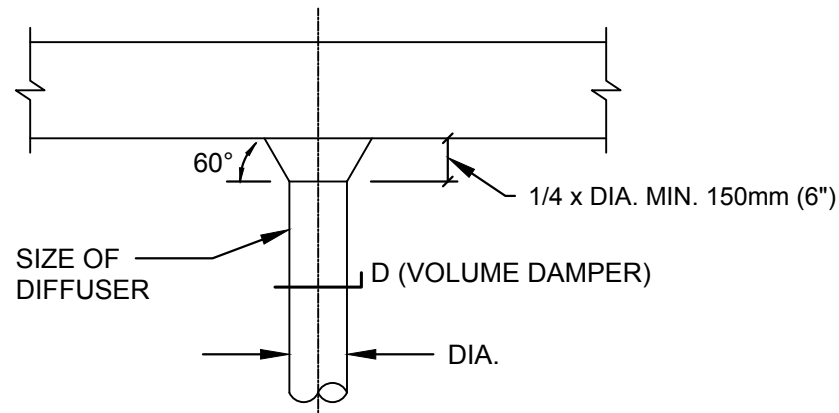
ELECTRIC HUMIDIFIER SCHEDULE					
TAG	AREA SERVED	CAPACITY (KG/HR)	INPUT KW	ELECTRICAL (V/PH/Hz)	COMMENTS
HUM-01	PRINT ROOM	1 - 2	1.9	120/1/60	- COMPLETE w/ STEAM HOSE FOR IN-DUCT INSTALLATION - DRAIN WATER AUTO TEMPERING - TOUCH SCREEN CONTROL PANEL - REMOTE HUMIDSTAT - REPLACEABLE STEAM CYLINDERS - MOUNTING RACK

PLUMBING FIXTURE SCHEDULE						
TAG	FIXTURE	DCW SIZE	DHW SIZE	SANITARY SIZE	VENT SIZE	DESCRIPTION
WC-1	WATER CLOSET	120	-	750	400	FLOOR MOUNTED TOILET - VITREOUS CHINA- FLUSHOMETER - EXPOSED - NO TOUCH - HARDWIRED - American Standard #346100.1.020, 'Masters FlowWise Right Height Elongated', 419 mm high Toilet, Vitreous china, Floor Mounted, Operates in the range of 4.2 L to 6 L (1.1 US Gal to 1.6 US Gal) per flush, elongated bowl, Siphon jet flush action, Condensate channel, Toilet seat not included. - Centocore #820STS.001, extra heavy duty Toilet Seat, Solid plastic, open front With cover & backrest. - Sloan #Royal Optima 111-1.28 ES-S-CP, 'Royal Optima', polished chrome finish, Exposed Flushometer For Top Spud Toilet, 4.8 L (1.28 US Gal) factory set flow. - Sloan #EL-154, Hardwired Transformer. - Sloan TP Trap primer for top spud toilet flush valve activated during flush valve operation, provides a small amount of water to floor drain, only one needed per bathroom - Provide Floor Flange. (Same material as the connecting pipe drain), with all brass bolts and with rubber gasket. - Sensor to clear toilet seat cover. - Provide 4" (102 mm) square electrical box for mounting sensor plate. - Will operate up to 10 'Optima' flush valve units.
LAV-1	LAVATORY	120	120	320	320	COUNTER MOUNTED SELF-RIMMING / DROP-IN BASIN FAUCET BELOW DECK MECHANICAL WATER MIXING VALVE. - American Standard #9494.001.020 'Cadet Universal Access' Basin, White Finish, Self-rimming / Drop-in. - Sloan #SP-200, SP-2000 Series, Electronic Faucet. - Sloan #SP-2, Plug-in Transformer. - Lawler #TMM-1070, Below Deck Mechanical Water Mixing Valve, Integral checks. - McGuire #155WC Offset Open Grid Drain. - McGuire #LFH1705V, polished brass Faucet Supplies. - McGuire #8872C, offset P-Trap. - McGuire #PCOWRAP# #PWQ2000WC Sanitary Covering. - Provide electrical duplex box with ground fault interrupter. - Provide tee, adaptors and flex. copper tubing to suit installation.
SK-1	SINK	120	120	400	400	COUNTER MOUNTED COUNTERTOP MOUNT SINK- SINGLE HANDLE FAUCETBELOW DECK MECHANICAL WATER MIXING VALVE. - Franke Commercial #BS6908-1/1, Countertop Mount Sink. - American Standard #4175100.002, 'Colony Soft', Single handle Faucet. - Lawler #TMM-1070, Below Deck Mechanical Water Mixing Valve, Integral checks. - McGuire #FBV170, polished brass Faucet Supplies. - McGuire #8912CB, P-Trap. - Provide tee, adaptors and flex. copper tubing to suit installation. - Provide tempered water to hot side of faucet.

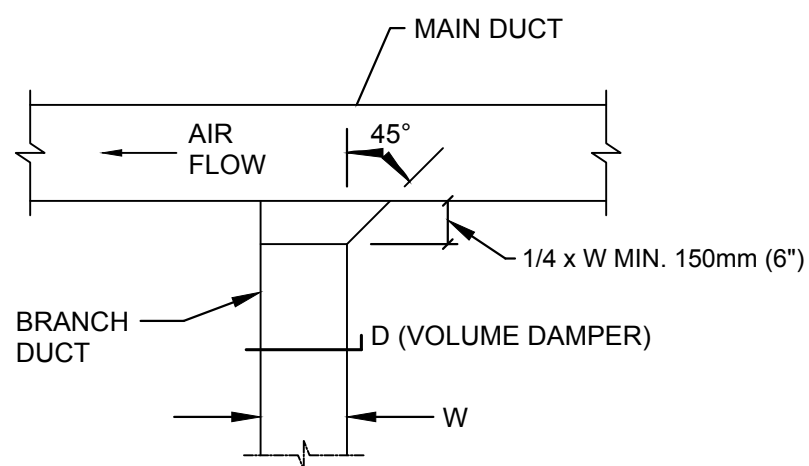
GRILL, DIFFUSER, & DUCT ACCESSORY SCHEDULE					
TAG	DIFFUSER TYPE	SIZE	MOUNTING TYPE	COLOUR	DESCRIPTION
S-01	SQUARE PLAQUE DIFFUSER	24"x24"	T-BAR LAY IN	B12	
S-02	LINEAR SLOT SUPPLY GRILL	60" 2 SLOT	T-BAR LAY IN	B12	
R-01	EGG CRATE RETURN GRILLE	24"x24"	T-BAR LAY IN	B12	
R-02	EGG CRATE RETURN GRILLE	12"x24"	T-BAR LAY IN	B12	
R-03	RETURN AIR SILENCER	12"x12			TO BE MOUNTED WITHIN CEILING SPACE IN FULL HEIGHT WALLS FOR TRANSFER AIR TO ADJACENT SPACE.
E-01	SINGLE DEFLECTION EXHAUST GRILLE		DUCT MOUNT	B12	
E-02	DUCTED EGG CRATE EXHAUST GRILLE	300x300	DRYWALL CEILING MOUNT	B12	
MSBG-1	DUCT MOUNTED MAXIMUM SECURITY BAR GRILLE	500x400	DUCT MOUNT	-	MAXIMUM SECURITY BAR GRILL FOR INLINE DUCT INSTALLATION. CONFIRM EXACT DUCT SIZE AND CONNECTION TYPE
MSBG-2	DUCT MOUNTED MAXIMUM SECURITY BAR GRILLE	900x500	DUCT MOUNT	-	MAXIMUM SECURITY BAR GRILL FOR INLINE DUCT INSTALLATION. CONFIRM EXACT DUCT SIZE AND CONNECTION TYPE
MSBG-3	DUCT MOUNTED MAXIMUM SECURITY BAR GRILLE	350x200	DUCT MOUNT	-	MAXIMUM SECURITY BAR GRILL FOR INLINE DUCT INSTALLATION. CONFIRM EXACT DUCT SIZE AND CONNECTION TYPE
MSBG-4	DUCT MOUNTED MAXIMUM SECURITY BAR GRILLE	200x200	DUCT MOUNT	-	MAXIMUM SECURITY BAR GRILL FOR INLINE DUCT INSTALLATION. CONFIRM EXACT DUCT SIZE AND CONNECTION TYPE
MSBG-5	DUCT MOUNTED MAXIMUM SECURITY BAR GRILLE	250x250	DUCT MOUNT	-	MAXIMUM SECURITY BAR GRILL FOR INLINE DUCT INSTALLATION. CONFIRM EXACT DUCT SIZE AND CONNECTION TYPE



1 CEILING DIFFUSER CONNECTION DETAIL
M5.1 NTS

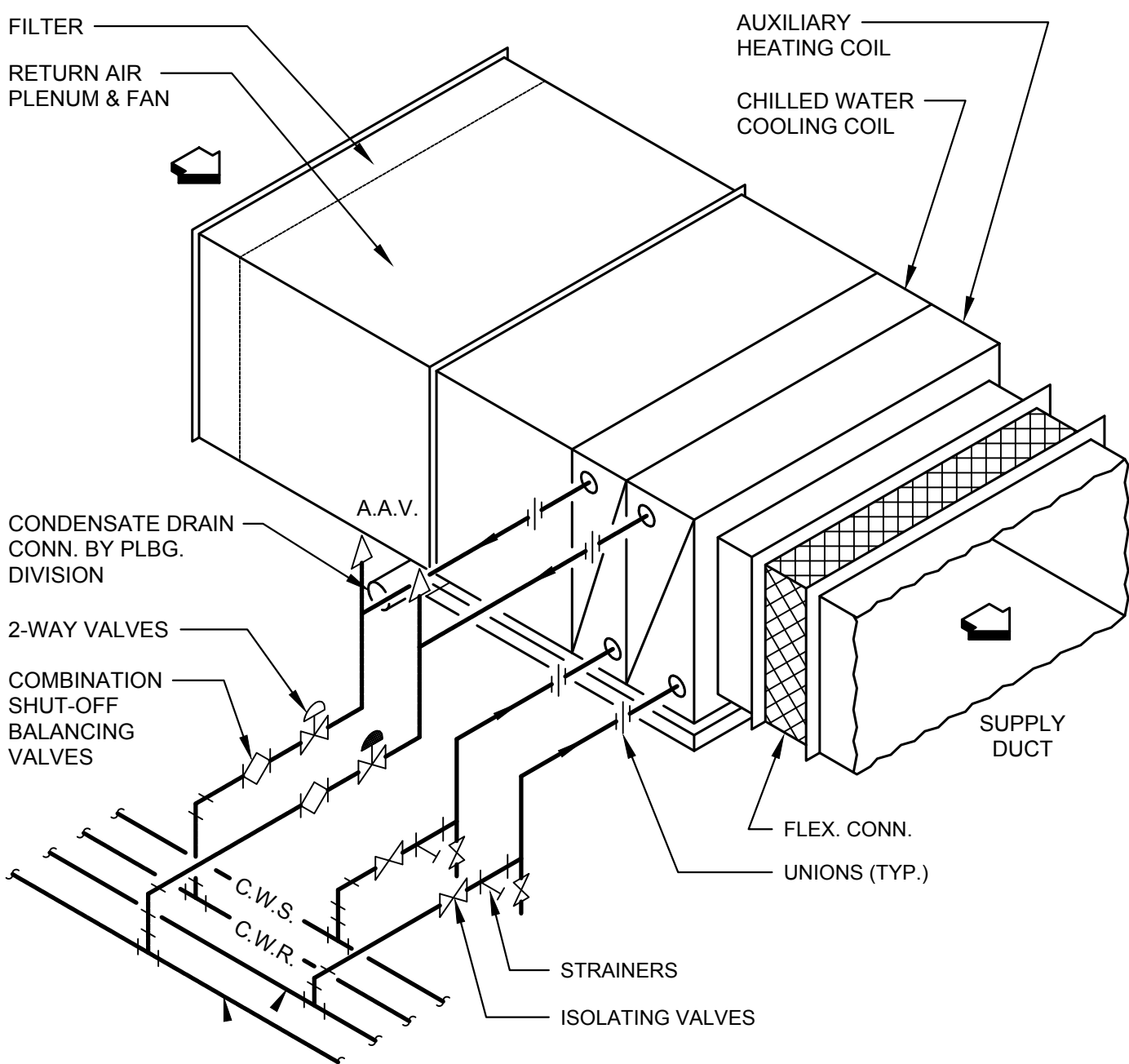


TYPICAL ROUND BRANCH DUCT TAKE-OFF
N.T.S.



TYP. RECTANGULAR BRANCH DUCT TAKE-OFF
N.T.S.

2 DUCT CONNECTION DETAIL
M5.1 NTS



3 4 PIPE FAN COIL CONNECTION DETAIL
M5.1 NTS



DO NOT SCALE DRAWINGS

-	-	-
-	-	-
-	-	-
-	-	-
1	ISSUED FOR ADDENDUM NO. 1	2021/06/29
0	ISSUED FOR TENDER	2021/03/17

Revision/Revisions	Description/Description	Date/Date
--------------------	-------------------------	-----------

Client/client

PUBLIC SERVICES AND PROCUREMENT CANADA

Project title/Titre du projet
1783 HAMILTON STREET
REGINA, SASKATCHEWAN

ESDC - PPT REGINA
AMALGAMATION

Approved by/Approuvé par
J. POMERLEAU

Designed by/Concept par
G. REIMER / J. POMERLEAU

Drawn by/Dessiné par
G. REIMER

PWGSC Project Manager/Administrateur de Projet TPSCC
JEAN-PHILIPPE BLOUIN

PWGSC Architectural and Engineering Resources Manager/
Ressources Architecturales et de Génie des Projets, TPSCC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
MECHANICAL DETAILS
EQUIPMENT SCHEDULES

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.060346	M5.1 6 OF 6	1

- 2 BUTTON ZONE CONTROL SWITCH (ON/OFF) TO CONTROL LIGHTING ZONES LZ-1, LZ-2 AND LZ-3.
- 2 BUTTON ZONE CONTROL SWITCH (ON/OFF) TO CONTROL LIGHTING ZONES LZ-12 AND LZ-13.
- EXISTING GENERAL AREA LIGHTING, EMERGENCY LIGHTING AND EXIT LIGHTING IN THIS AREA SHALL REMAIN UNLESS NOTED OTHERWISE.
- EXISTING EXIT SIGN SHALL REMAIN. PROTECT DURING CONSTRUCTION.
- CONNECT NEW LIGHT FIXTURE TO EXISTING CORRIDOR 104 LIGHTING CONTROL ZONE.
- EXIT CORRIDOR. ENSURE THAT NO OTHER SYSTEM CONDUIT AND WIRE PASSES THROUGH CORRIDOR. ONLY CONDUIT AND WIRE ASSOCIATED WITH EQUIPMENT WITHIN THE EXIT CORRIDOR IS ALLOWED. RELOCATE ANY EXISTING CONDUIT AND WIRE NOT ASSOCIATED WITH THE EXIT CORRIDOR AS REQUIRED.
- 2 BUTTON ZONE CONTROL SWITCH (ON/OFF) TO CONTROL LIGHTING ZONES LZ-18, LZ-19, LZ-22, LZ-23, LZ-24 AND LZ-25.
- CHAIN HANG LIGHT FIXTURE TO 3860mm A.F.F.
- EXISTING GENTEC LIGHTING CONTROL PANEL 'MAIN FLOOR WEST' SHALL REMAIN. CONNECT NEW LIGHT FIXTURES IN CORRIDORS IN 105 AND 105.1 TO EXISTING MAIN FLOOR LIGHTING CONTROL ZONE.
- WIRELESS HEAD END LIGHTING CONTROLLER 'LCP-1' MOUNTED ABOVE CEILING. REFER TO LOW VOLTAGE LIGHTING CONTROL ZONE SCHEDULE AND LIGHTING CONTROL SEQUENCE OF OPERATION ON DRAWING E3.1.
- WIRELESS HEAD END LIGHTING CONTROLLER 'LCP-2' MOUNTED ABOVE CEILING. REFER TO LOW VOLTAGE LIGHTING CONTROL ZONE SCHEDULE AND LIGHTING CONTROL SEQUENCE OF OPERATION ON DRAWING E3.1.
- WIRELESS HEAD END LIGHTING CONTROLLER 'LCP-3' MOUNTED ABOVE CEILING. REFER TO LOW VOLTAGE LIGHTING CONTROL ZONE SCHEDULE AND LIGHTING CONTROL SEQUENCE OF OPERATION ON DRAWING E3.1.
- NOT USED.
- 4 BUTTON ZONE CONTROL SWITCH (ON/OFF, RAISE LOWER) TO CONTROL LIGHTING ZONES LZ-10 AND LZ-11.
- REINSTALL SALVAGED EXIT SIGN IN THIS LOCATION.
- CEILING SPACE WITHIN AREAS 105.1, 150.13, 150.14, 150.15, 150.16, 150.17, 150.18, 150.19, 150.20, 170.1 AND 170.2 IS TWO STOREY. CONDUIT AND WIRING SHALL BE RUN ON UNDERSIDE OF UPPER STRUCTURE.
- EXISTING LIGHT FIXTURE SHALL BE REMOVED AND REINSTALLED IN SAME LOCATION AS REQUIRED TO ALLOW MECHANICAL CONTRACTOR WORK IN CEILING SPACE. RECONNECT TO EXISTING CIRCUITRY.
- EXISTING OCCUPANCY SENSOR SHALL BE REMOVED AND REINSTALLED IN SAME LOCATION AS REQUIRED TO ALLOW MECHANICAL CONTRACTOR WORK IN CEILING SPACE. RECONNECT TO EXISTING LIGHTING FIXTURES.

19 2 BUTTON ZONE CONTROL SWITCH (ON/OFF) TO CONTROL LIGHTING ZONES LZ-4, LZ-5 AND LZ-6.

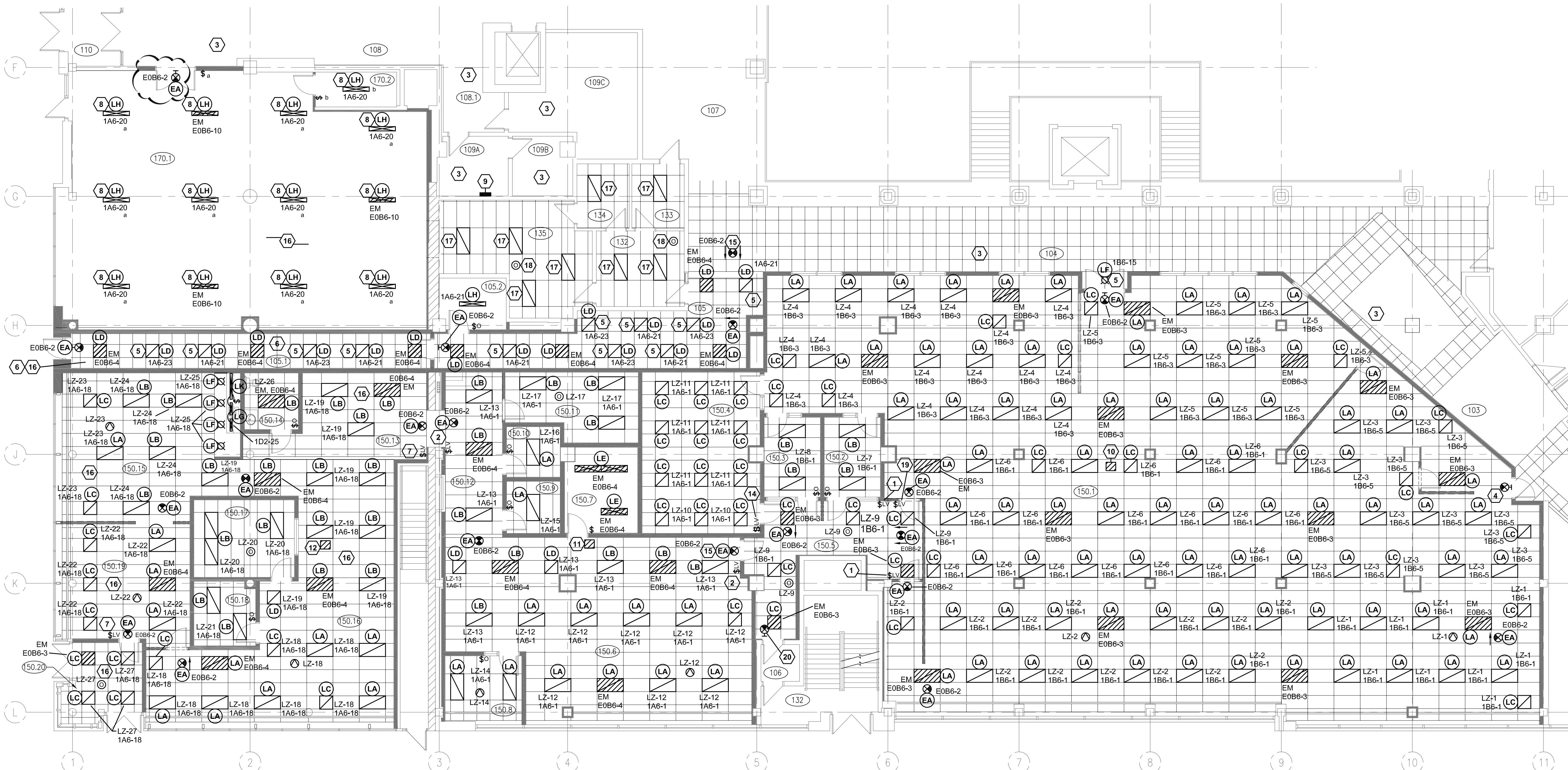
20 REMOVE AND REPLACE EXISTING EXIT SIGN AT FACE OF NEW DOOR.

AREAS OF THE TENANT SPACE WILL BE OCCUPIED AT ALL TIMES DURING CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR DEMOLITION AND CONSTRUCTION PHASING. CONSTRUCTION SHALL NOT OCCUR IN AN AREA PRIOR TO THAT PHASE OF WORK BEGINNING UNLESS NOTED OTHERWISE. ACCESS TO REMOVED AREAS SHALL BE MAINTAINED THROUGH AREAS THAT ARE REQUIRED TO BE ACCESSED IN OCCUPIED AREAS DURING INITIAL PHASES OF CONSTRUCTION (E.G. SOUTHEAST CORNER OF RENOVATION AREA). WHERE ACCESS IS REQUIRED TO CEILING SPACES IN AREAS THAT ARE OCCUPIED, THOSE AREAS SHALL BE ACCESSED OUTSIDE OF NORMAL TENANT WORKING HOURS OR ON WEEKENDS.

REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR WORK RESTRICTION REQUIREMENTS AFTER HOURS AND TENANT WORKING HOURS.

LTR	DESCRIPTION	DIMENSIONS	LAMPS	OPTICS	FINISH	VOLTAGE	APPROVED MANUFACTURERS	NOTES
LA	LOW PROFILE, TBAR RECESSED VOLUMETRIC LED TROFFER C/W 0-10V DIMMING 10% - 100%	610W x 1220L x 60Dmm	40W LED 4800 LUMENS 4000°K 80+ CRI	DIFFUSE SMOOTH ACRYLIC LENS	WHITE	347	SIGNIFY 2FGG SERIES LITHONIA 2BLT14 SERIES METALUX 24RTC SERIES COLUMBIA LCAT24 SERIES	
LB	LOW PROFILE, TBAR RECESSED VOLUMETRIC LED TROFFER	610W x 1220L x 60Dmm	40W LED 4800 LUMENS 4000°K 80+ CRI	DIFFUSE SMOOTH ACRYLIC LENS	WHITE	347	SIGNIFY 2FGG SERIES LITHONIA 2BLT14 SERIES METALUX 24RTC SERIES COLUMBIA LCAT24 SERIES	
LC	LOW PROFILE, TBAR RECESSED VOLUMETRIC LED TROFFER C/W 0-10V DIMMING 1% - 100%	610W x 610L x 60Dmm	30W LED 3300 LUMENS 4000°K 80+ CRI	DIFFUSE SMOOTH ACRYLIC LENS	WHITE	347	SIGNIFY 2FGG SERIES LITHONIA 2BLT12 SERIES METALUX 22CZ SERIES COLUMBIA LCAT22 SERIES	
LD	LOW PROFILE, TBAR RECESSED VOLUMETRIC LED TROFFER	610W x 610L x 60Dmm	30W LED 3300 LUMENS 4000°K 80+ CRI	DIFFUSE SMOOTH ACRYLIC LENS	WHITE	347	SIGNIFY 2FGG SERIES LITHONIA 2BLT12 SERIES METALUX 22CZ SERIES COLUMBIA LCAT22 SERIES	
LE	LOW PROFILE, SURFACE MOUNTED VOLUMETRIC LED TROFFER C/W SURFACE MOUNT FRAME KIT	305W x 1220L x 100Dmm	35W LED 4000 LUMENS 4000°K 80+ CRI	DIFFUSE SMOOTH ACRYLIC LENS	WHITE	347	SIGNIFY 1FGG SERIES LITHONIA BLT4 SERIES METALUX 14RTC SERIES COLUMBIA LCAT14 SERIES	
LF	RECESSED ARCHITECTURAL DOWNLIGHT	1080 x 140mmH	18W LED 2000 LUMENS 4000°K 80+ CRI	MEDIUM DISTRIBUTION SPUN ALUMINIUM	SEMI- SPECULAR SELF FLANGED	347	PORTFOLIO LDB4 SERIES GOTHAM LIGHTING EV04 SERIES SIGNIFY CANADA 4RN-PA4DL SERIES	
LG	SURFACE LED STRIP UNDERCOUNTER	575L x 21W x 16mmH	4W LED 260 LUMENS/FT 4000°K 80 CRI	MILKY ACRYLIC ROUND DIFFUSER	WHITE	24V DC 120V AC		2
LH	LENSED LED STRIPLIGHT	1220L x 80W x 100mmH	35W LED 4000 LUMENS 4000°K 80+ CRI	SEMI FROSTED ROUND LENS	WHITE	347		
LJ	LOW PROFILE, RECESS MOUNT VOLUMETRIC LED TROFFER	305W x 1220L x 60Dmm	35W LED 4000 LUMENS 4000°K 80+ CRI	DIFFUSE SMOOTH ACRYLIC LENS	WHITE	347	SIGNIFY 1FGG SERIES LITHONIA BLT4 SERIES METALUX 14RTC SERIES COLUMBIA LCAT14 SERIES	
LK	SURFACE LED STRIP UNDERCOUNTER	1205L x 21W x 16mmH	4W LED 260 LUMENS/FT 4000°K 80 CRI	MILKY ACRYLIC ROUND DIFFUSER	WHITE	24V DC 120V AC		2
LM	SURFACE ASYMMETRIC LED LINEAR	610L x 90W x 120mmH	10W LED 700 LUMENS/FT 3000°K 80 CRI	ASYMMETRIC OPTICS WITH FLUSH DIFFUSE SMOOTH ACRYLIC LENS	WHITE	347		3
EA	UNIVERSAL SINGLE OR DOUBLE FACE PICTOGRAM EXIT	229H x 305W x 35mmD	LED	ONE PIECE ALUMINUM EXTRUDED HOUSING	WHITE	347	AIMLITE RPAWL SERIES BEGHELLI GRMM SERIES EMERGLITE EA SERIES READY-LITE RA SERIES	1

1. CIRCUIT TO EXISTING FLOOR EXIT LIGHT CIRCUIT.
2. REFER TO ARCHITECTURAL MILLWORK DETAILS TO DETERMINE EXACT MOUNTING LOCATION. MOUNT FIXTURES 25mm BEHIND VALENCE. PROVIDE DIRECT CONNECTION BOX WITH FIXTURE AND LOCATE TRANSFORMER WITHIN ACCESSIBLE CEILING SPACE. SHOP DRAWINGS SHALL INDICATE ALL ACCESSORIES.
3. REFER TO ARCHITECTURAL SECTIONS ON DRAWING A4.1 TO DETERMINE EXACT MOUNTING LOCATION. INSTALL FIXTURES SURFACE ON SUPPORT WITH ASYMMETRIC FACING WALL OF SHAFT, NOT GLAZING.



1	MAIN FLOOR LIGHTING PLAN
E2.2	1:100

#		####
#	####	####
#	####	####
#	####	####
1	AREA 170.1 REVISIONS	21/06/24
#	ISSUED FOR TENDER	2021/03/17
Revision/	Description	Date/Date

Project title/Titre du projet
**1783 HAMILTON STREET
REGINA, SASKATCHEWAN**

Approved by/Approuve par

Designed by/Concept par

Drawn by/Dessine par
PLJ

PWGSC Project Manager/Administrateur de Projets TPSGC
JEAN-PHILIPPE BLOUIN

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

Client/client	PUBLIC SERVICES AND PROCUREMENT CANADA
---------------	--

Drawing title/Titre du dessin

MAIN FLOOR LIGHTING PLAN

Project No./No. du projet

Sheet/Feuille

E2 2

12

Revision no./

no.

FIRE ALARM AND SECURITY PLAN NOTE LEGEND:

- EXISTING FIRE ALARM SYSTEM SPEAKER/STROBE SHALL BE RELOCATED INTO NEW CEILING IN SIMILAR LOCATION. EXTEND CONDUIT AND WIRE AS REQUIRED. DEVICE SHALL BE REVERIFIED AS PER SPECIFICATIONS.
- EXISTING FIRE ALARM SYSTEM SPEAKER/STROBE SHALL BE RELOCATED TO NEW LOCATION. EXTEND CONDUIT AND WIRE AS REQUIRED. DEVICE SHALL BE REVERIFIED AS PER SPECIFICATIONS.
- NEW CEILING RECESSED FIRE ALARM SYSTEM SPEAKER/STROBE. CONNECT TO EXISTING MAIN FLOOR ANNUNCIATING CIRCUIT.
- NEW FIRE ALARM PULL STATION. CONNECT TO EXISTING MAIN FLOOR INITIATING CIRCUIT.
- PROVIDE SINGLE GANG, WEATHERPROOF, RECESS DEVICE BOX COMPLETE WITH 21mm CONDUIT STUBBED TO ACCESSIBLE CEILING SPACE OF 150.16 FOR TENANT EQUIPMENT. INSTALL BOX AT 1150mm A.F.F. PROVIDE BLANK WEATHERPROOF COVERPLATE PRIOR TO INSTALLATION OF TENANT EQUIPMENT. RECESS DEVICE BOX INTO NEW INSULATED WALL PANEL.
- PROVIDE SINGLE GANG, RECESS DEVICE BOX COMPLETE WITH 21mm CONDUIT STUBBED TO ACCESSIBLE CEILING SPACE OF 150.16 FOR TENANT EQUIPMENT. INSTALL BOX AT 1150mm A.F.F. PROVIDE BLANK COVERPLATE PRIOR TO INSTALLATION OF TENANT EQUIPMENT.
- NOT USED.
- NEW FIRE FIGHTER TELEPHONE. CONNECT TO FIRE ALARM SYSTEM. NEW DEVICE SHALL MATCH EXISTING.
- PROVIDE DOUBLE GANG, RECESS DEVICE BOX COMPLETE WITH 21mm CONDUIT STUBBED TO STUBBED TO NORTH WALL OF 150.7 FOR TENANT EQUIPMENT. INSTALL BOX AT 1150mm A.F.F.
- NEW WALL RECESSED FIRE ALARM SYSTEM SPEAKER/STROBE. CONNECT TO EXISTING MAIN FLOOR ANNUNCIATING CIRCUIT.
- NOT USED.
- PROVIDE SINGLE GANG, RECESS DEVICE BOX COMPLETE WITH 21mm CONDUIT STUBBED TO NORTH WALL OF 150.7 FOR TENANT EQUIPMENT. INSTALL BOX AT 1150mm A.F.F. PROVIDE BLANK COVERPLATE PRIOR TO INSTALLATION OF TENANT EQUIPMENT.
- REFER TO DETAIL 2/E3.2 FOR DOOR SECURITY ROUGH IN.
- REFER TO DETAIL 1/E3.2 FOR DOOR SECURITY ROUGH IN.
- REFER TO DETAIL 3/E3.2 FOR DOOR SECURITY ROUGH IN.
- REFER TO DETAIL 5/E3.2 FOR DOOR SECURITY ROUGH IN.

FIRE ALARM AND SECURITY PLAN NOTE LEGEND:

- PROVIDE ROUGH IN FOR STRIKE RELEASE PUSHBUTTON. PROVIDE SINGLE GANG, RECESS DEVICE BOX COMPLETE WITH 21mm CONDUIT WITH PULLWIRE RUN TO 300x300x150mm SECURITY JUNCTION BOX LOCATED IN CEILING SPACE. INSTALL BOX AT 1150mm A.F.F. PROVIDE BLANK COVERPLATE PRIOR TO INSTALLATION OF TENANT EQUIPMENT.
- REFER TO DETAIL 6/E3.2 FOR DOOR SECURITY ROUGH IN.
- REFER TO DETAIL 4/E3.2 FOR DOOR SECURITY ROUGH IN.
- PROVIDE SINGLE GANG, RECESS DEVICE BOX COMPLETE WITH 21mm CONDUIT STUBBED TO STUBBED TO NORTH WALL OF 150.7 FOR TENANT EQUIPMENT. INSTALL BOX AT 610mm A.F.F. PROVIDE 13mm GROMMETTED STAINLESS STEEL COVERPLATE.
- PROVIDE SINGLE GANG, RECESS DEVICE BOX COMPLETE WITH 21mm CONDUIT STUBBED TO STUBBED TO NORTH WALL OF 150.7 FOR TENANT EQUIPMENT. INSTALL BOX AT 1150mm A.F.F. PROVIDE 13mm GROMMETTED STAINLESS STEEL COVERPLATE.
- EXISTING DUCT SMOKE DETECTOR AND RELAY CONNECTIONS TO SMOKE DAMPER RELOCATED TO NEW TRANSFER GRILL AND SMOKE DAMPER LOCATION. EXTEND EXISTING FIRE ALARM INITIATING CIRCUIT TO NEW LOCATION.
- DOOR 150.1.1 CONTROL LOCATION. REFER TO DETAIL 5/E3.2 FOR DOOR SECURITY ROUGH IN.
- MAIN FIRE ALARM SYSTEM CONTROL PANEL SHALL REMAIN. REFER TO FIRE ALARM DETAILS ON DRAWING E3.2.
- PROVIDE AND INSTALL NEW DUCT SMOKE DETECTOR IN DUCTWORK CROSSING CORRIDOR PRIOR TO LEAVING SOUTH TENANT SUITE. CONNECT TO EXISTING MAIN FLOOR INITIATING CIRCUIT IN THE EXISTING ZONE IN WHICH IT IS LOCATED.

FIRE ALARM AND SECURITY PLAN GENERAL NOTES:

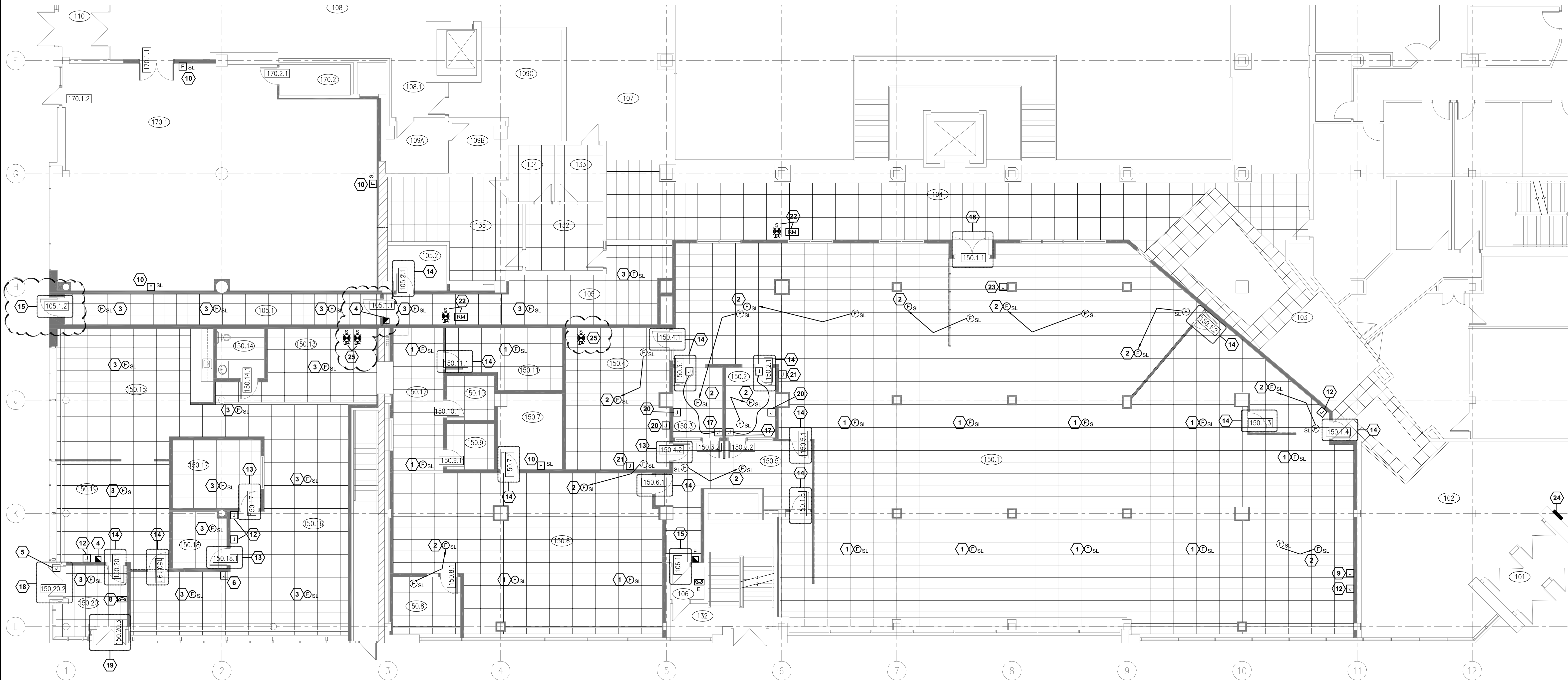
AREAS OF THE TENANT SPACE WILL BE OCCUPIED AT ALL TIMES DURING CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR DEMOLITION AND CONSTRUCTION PHASING. CONSTRUCTION SHALL NOT OCCUR IN ANY AREA PRIOR TO THAT PHASE OF WORK BEGINNING UNLESS NOTED OTHERWISE. CONTRACTOR SHALL REMOVE AND REPLACE ANY CEILING TILES IN AREAS THAT ARE REQUIRED TO BE ACCESSED IN OCCUPIED AREAS DURING INITIAL PHASES OF CONSTRUCTION (I.E. SOUTHEAST CORNER OF RENOVATION AREA). WHERE ACCESS IS REQUIRED TO CEILING SPACES IN AREAS THAT ARE OCCUPIED, THOSE AREAS SHALL BE ACCESSED OUTSIDE OF NORMAL TENANT WORKING HOURS OR ON WEEKENDS.

THE EXISTING FIRE ALARM SYSTEM DEVICES SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. DEVICES SHALL BE RELOCATED AND RE-VERIFIED WITHIN THE SAME WORKING DAY. SCHEDULE NUMBER OF VERIFICATIONS AS REQUIRED. A FIRE WATCH SHALL BE IN PLACE WHILE THE EXISTING FIRE ALARM SYSTEM DEVICES ARE NOT OPERATIONAL.

REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR WORK RESTRICTION REQUIREMENTS AFTER HOURS AND TENANT WORKING HOURS.

ELECTRICAL CONTRACTOR SHALL PROVIDE DEVICE BACK BOX, 120V POWER CONNECTIONS CONDUIT AND PULLWIRE TO SECURITY HEAD END EQUIPMENT ROOM, 150.7. INSTALLATION OF CABLING, EQUIPMENT AND COMMISSIONING OF EQUIPMENT SHALL BE COMPLETED BY THE DEPARTMENTAL REPRESENTATIVE UNDER A SEPARATE CONTRACT.

LABEL ALL CONDUITS STUBS IN ROOM 150.7 WITH ROOM NUMBER FROM WHICH THEY ORIGINATE WITH PRINTED LABELS.



1 | MAIN FLOOR FIRE ALARM AND SECURITY ROUGH IN PLAN

E2.5 1:100

DO NOT SCALE DRAWINGS

#		
#	#####	#####
#	#####	#####
#	#####	#####
1	AREA 105.1, 150.4, 150.13 REVISIONS	2106024
#	ISSUED FOR TENDER	20210317
Revision/ Revision	Description/Description	Date/Date

**PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA**

Project title/Titre du projet
**1783 HAMILTON STREET
REGINA, SASKATCHEWAN**

**ESDC - PPT REGINA
AMALGAMATION**

Approved by/Approuvé par

BCN

Designed by/Concept par

PLJ

Drawn by/Dessiné par

PLJ

PWGC Project Manager/Administrateur de Projets TPSGC

JEAN-PHILIPPE BLOUIN

PWGC Architectural and Engineering Resources Manager/
Ressources Architecturales et de Directeur d'Ingénierie, TPSGC

Client/client

PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin

**MAIN FLOOR
FIRE ALARM AND SECURITY
ROUGH IN PLAN**

Project No./No. du projet

R.060346

Sheet/Feuille

E2.5

OF 18

Revision no./
Lo Révision

no.