

INTERIOR FIT-UP PHASE II

REGINA, SASKATCHEWAN



SYMBOL LEGEND

PROJECT NORTH
NORTH

GRID REFERENCE

ROOM NUMBER
000

DOOR NUMBER
xxx

GLAZED SCREEN TYPE
GS1

PARTITION TYPES
Px

LOCATION REFERENCE

ELEVATION REFERENCE
T/O ?
ELEV. ?

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

ELEVATION INDICATOR

INDICATES REFERENCE DRAWING NUMBER

INDICATES DETAIL NUMBER

DETAIL INDICATOR

INDICATES REFERENCE DRAWING NUMBER

INDICATES DETAIL NUMBER

DETAIL INDICATOR

INDICATES REFERENCE DRAWING NUMBER

INDICATES SECTION NUMBER

BUILDING SECTION INDICATOR

INDICATES REFERENCE DRAWING NUMBER

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E5.2	MAIN FLOOR PLAN EAST - POWER AND SYSTEMS PLAN	
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E5.5	MAIN FLOOR PLAN EAST - COMMUNICATIONS PLAN	
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E7.2	MAIN FLOOR PLAN EAST - LIGHTING PLAN	
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PARTITION TYPES

PX INDICATES PARTITION TYPES

P1
16 TYPE 'X' GYPSUM BOARD
92 (18ga) STEEL STUD @ 400 O.C. MAX.
FILL CAVITY WITH BATT INSULATION
16 TYPE 'X' GYPSUM BOARD
STC 48
(HEIGHT OF PARTITION AS NOTED ON DRAWINGS)

P2
16 TYPE 'X' GYPSUM BOARD
152 (20ga) STEEL STUD @ 600 O.C. MAX.
FILL CAVITY WITH BATT INSULATION
16 TYPE 'X' GYPSUM BOARD
STC 51

P3
16 TYPE 'X' GYPSUM BOARD
19mm #9/10 ROLL FLATTENED STEEL MESH
152 (18ga) STEEL STUD @ 300 O.C. MAX.
FILL CAVITY WITH BATT INSULATION
16 TYPE 'X' GYPSUM BOARD
ATTACK SIDE
SECURE DEMISING WALL

P4
16 TYPE 'X' GYPSUM BOARD
152 (20ga) STEEL STUD @ 600 O.C. MAX.
FILL CAVITY WITH BATT INSULATION
RESILIENT METAL CHANNELS SPACED 400 O.C.
2 LAYERS 16 TYPE 'X' GYPSUM BOARD
CORRIDOR SIDE
ACOUSTIC DEMISING WALL

P5
12.7 GYPSUM BOARD
152 (20ga) STEEL STUD @ 400 O.C. MAX.
12.7 GYPSUM BOARD
(BRACE WALLS AS REQUIRED FOR STABILITY)
PARTIAL HEIGHT AS NOTED

P6
EXISTING CONSTRUCTION (SHOWN SHADED)
FILL CAVITY WITH BATT INSULATION
92 (20ga) STEEL STUD @ 600 O.C.
16 TYPE 'X' GYPSUM BOARD
CORRIDOR SIDE
REMOVE INSIDE LAYER OF GYPSUM

NOTE: ALL NEW INTERIOR PARTITIONS ARE TO RUN FROM TOP OF SLAB TO UNDER SIDE OF STRUCTURE UNLESS OTHERWISE NOTED.

SEPARATIONS

ACOUSTIC SEPARATION - MIN. STC 46

0 HR. FIRE RESISTANCE RATING SEPARATION

1 HR. FIRE RESISTANCE RATING SEPARATION

2 HR. FIRE RESISTANCE RATING SEPARATION

NOTES:

- REFER TO REFLECTED CEILING PLANS FOR THE LOCATION OF FIRE AND ACOUSTIC SEPARATIONS.
- PROVIDE SOLID WOOD BLOCKING IN WALLS AND PARTITIONS FOR THE ATTACHMENT OF MILLWORK AND EQUIPMENT SHOWN ON PLANS AND INTERIOR ELEVATIONS.
- CONFIRM SIZE, NUMBER, AND LOCATIONS OF ALL SECURE DUCT PENETRATIONS WITH MECHANICAL. (REFER TO DETAILS ON DRAWING A4.2)
- REFER TO DRAWING A4.1 FOR TYPICAL SECURE WALL DETAILS

GENERAL NOTES

- REFER TO STRUCTURAL, MECHANICAL, ELECTRICAL, CIVIL AND LANDSCAPE 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 REVISION. THE BUILDING IN ITS ENTIRETY HAS BEEN RE-NUMBERED TO SUIT RENOVATIONS FROM PHASE 1 AND PHASE 2. ALL SIGNAGE AND EQUIPMENT TAGGING IS TO BE UPDATED TO MATCH.
- FLOORING TO BE INSTALLED PRIOR TO PLACEMENT OF ALL WORKSTATIONS.
- ANY WORK PERFORMED OUTSIDE OF GENERAL SCOPE OF WORK AREA (ie. ELECTRICAL FIRE ALARM COMPONENTS OR MECHANICAL SYSTEMS) SHOULD BE PERFORMED WITH THE LEAST AMOUNT OF DISTURBANCE TO SURROUNDING AREAS. PATCH, REPAIR AND FINISH ALL AFFECTED SURROUNDING AREAS WHERE REQUIRED. PROVIDE FIRESTOPPING IN RATED PARTITIONS AT FLOOR PENETRATIONS.
- PATCH, REPAIR AND FINISH 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.
- OWNER 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.

DOOR TYPES

A

FRAME TYPE

F1 PRESSED STEEL F2 ACOUSTIC

*REFER TO SECTION 08 90 10

DO NOT SCALE DRAWINGS		
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0	ISSUED FOR TENDER	2017-02-03
Revision/	Description/Description	Date/Date
Revision		

Client/client

Project title/Titre du projet

INTERIOR FIT-UP PHASE II REGINA, SASKATCHEWAN

Approved by/Approve par

Designed by/Concept par
VS/RP

Drawn by/Dessine par
VS

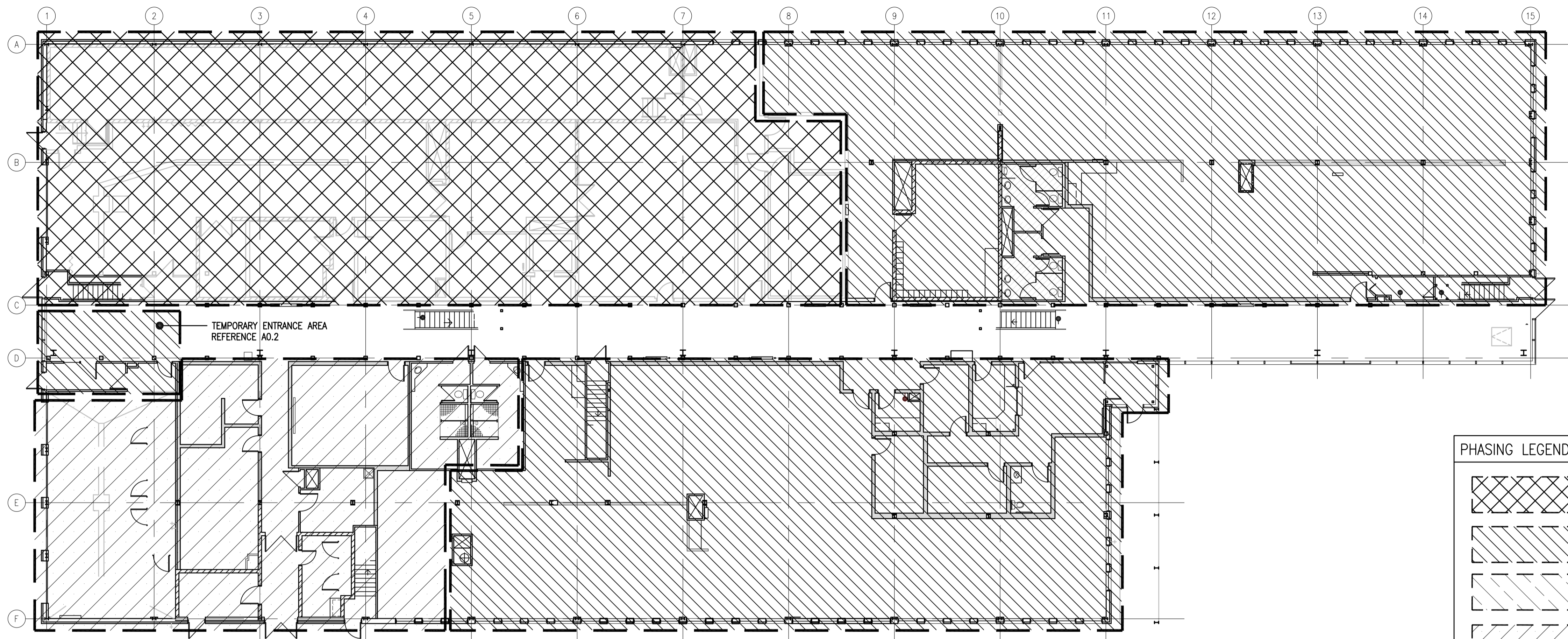
Project Manager/Administrateur de Projets
HM

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



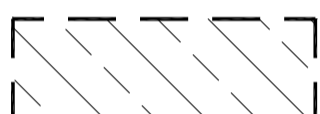
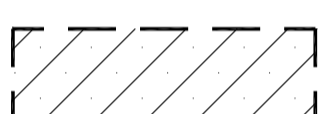
Client/client

Drawing title/Titre du dessin
COVER SHEET

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
30/2015	A0.0	0

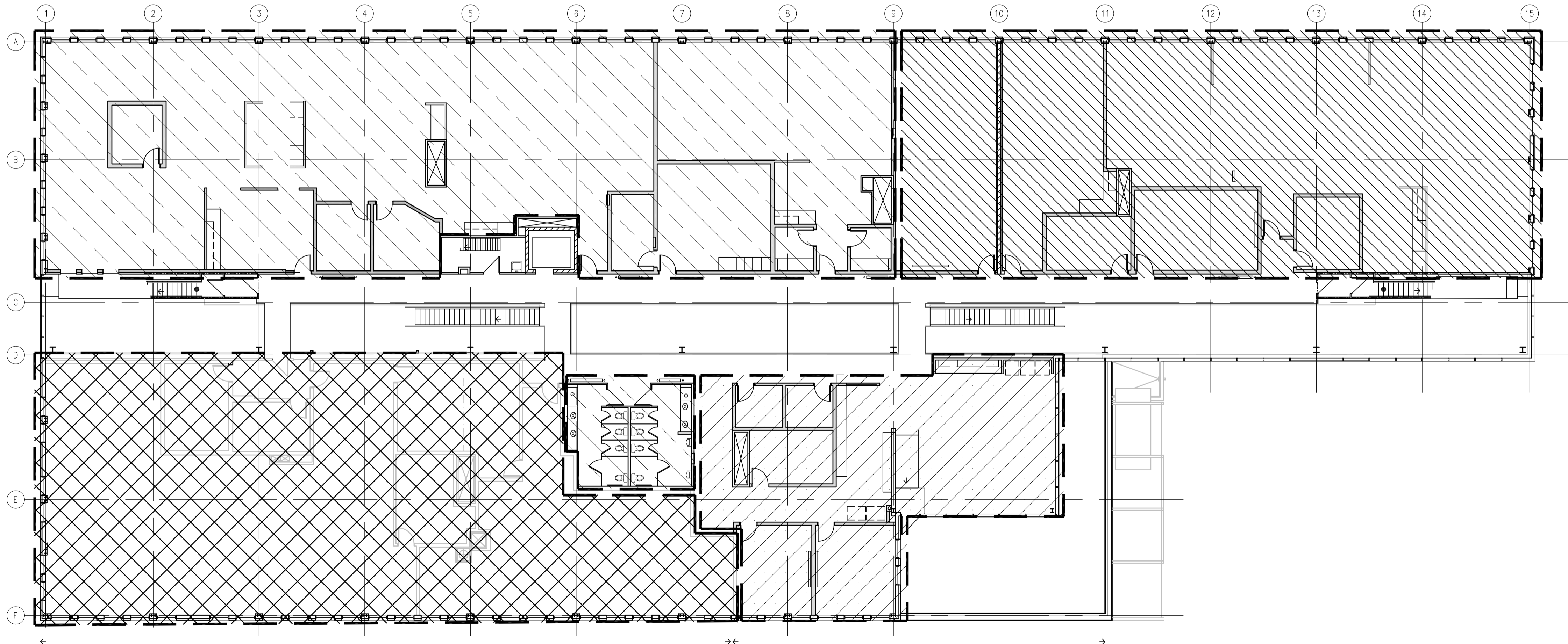


PHASING LEGEND

-  PHASE 1 - COMPLETED UNDER SEPARATE CONTRACT
-  PHASE 2 - PRIORITY ONE (1)
-  PHASE 2 - PRIORITY TWO (2)
-  PHASE 2 - PRIORITY THREE (3)

*REFER TO SECTION 01 14 00 WORK RESTRICTIONS

1 MAIN FLOOR PHASING PLAN
A0.1 1:150
NORTH



2 SECOND FLOOR PHASING PLAN
A0.1 1:150
NORTH

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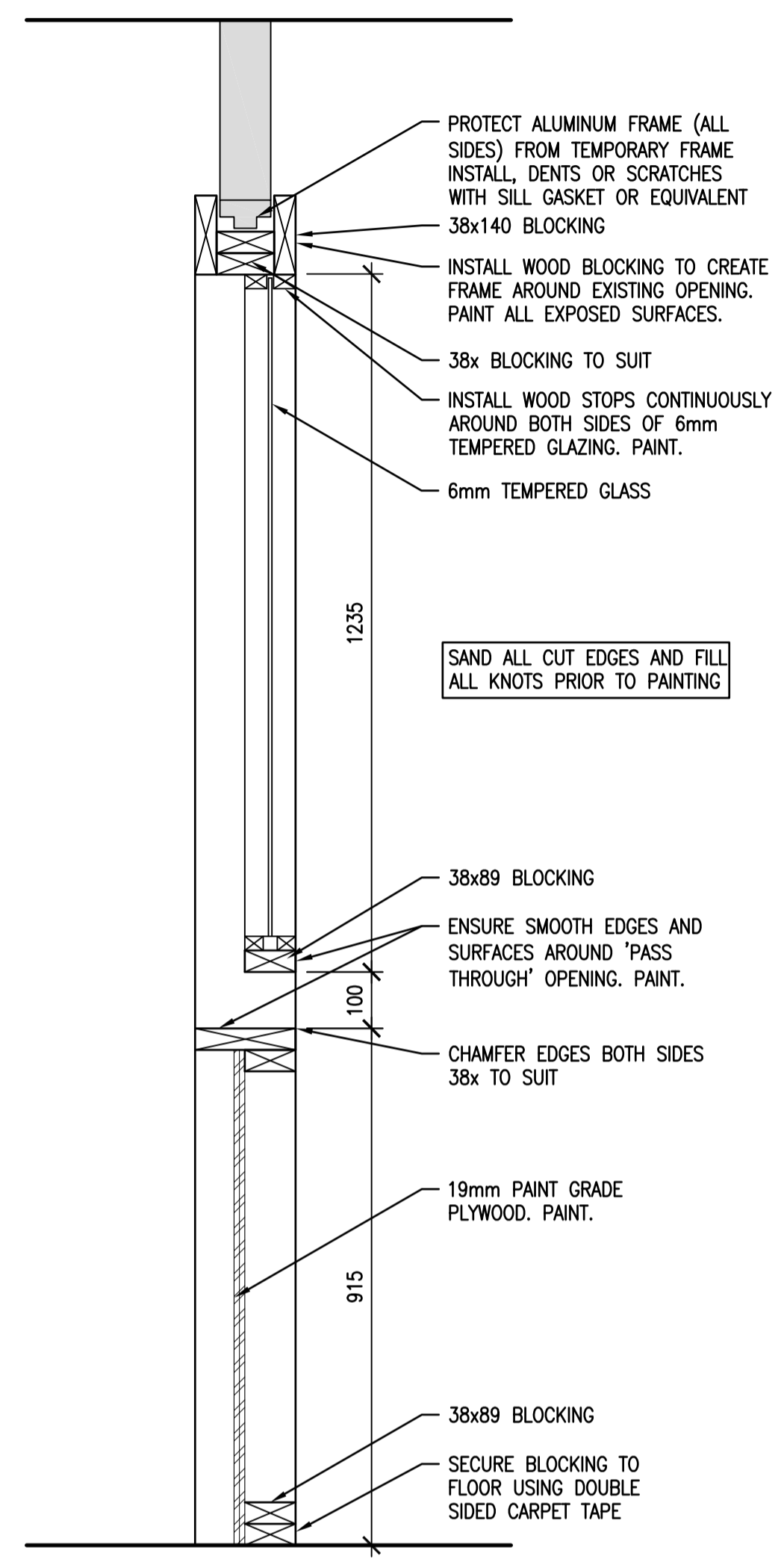
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Revision		

Project title/Titre du projet
**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

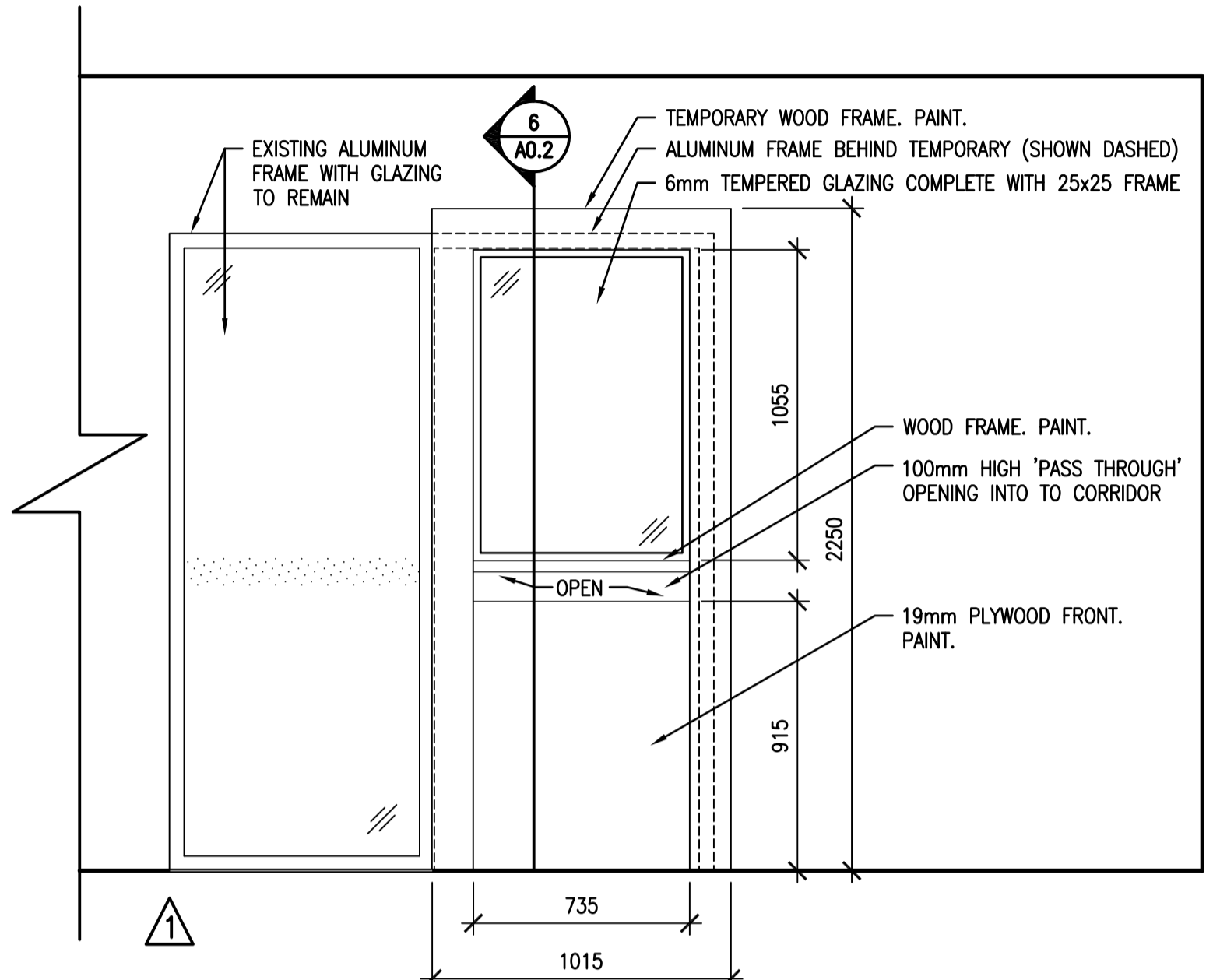
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PRIORITY PHASING PLANS

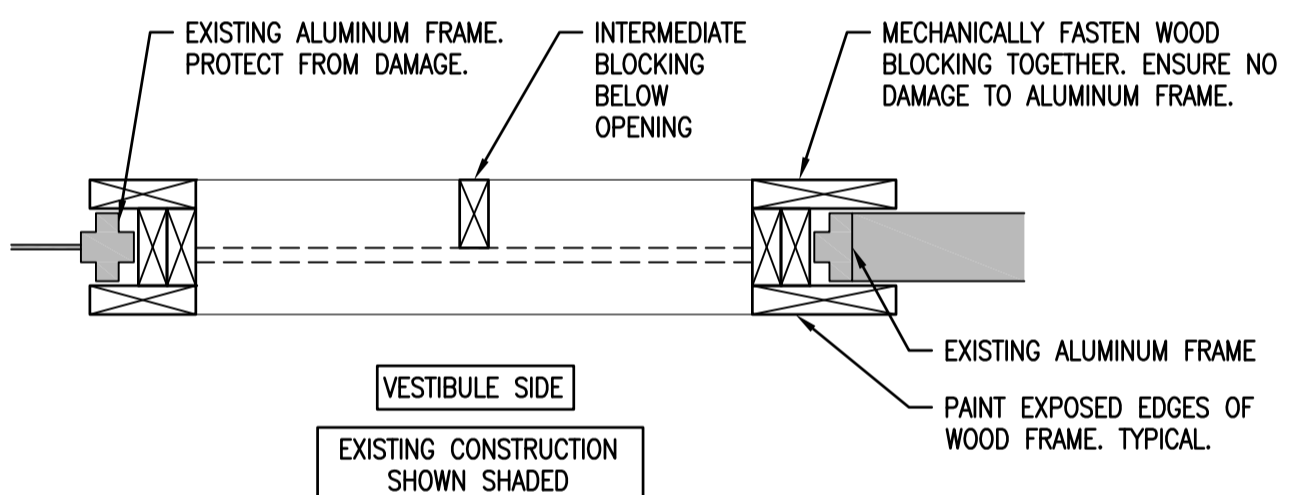
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6
A0.2
1:10
TEMPORARY FRAME SECTION

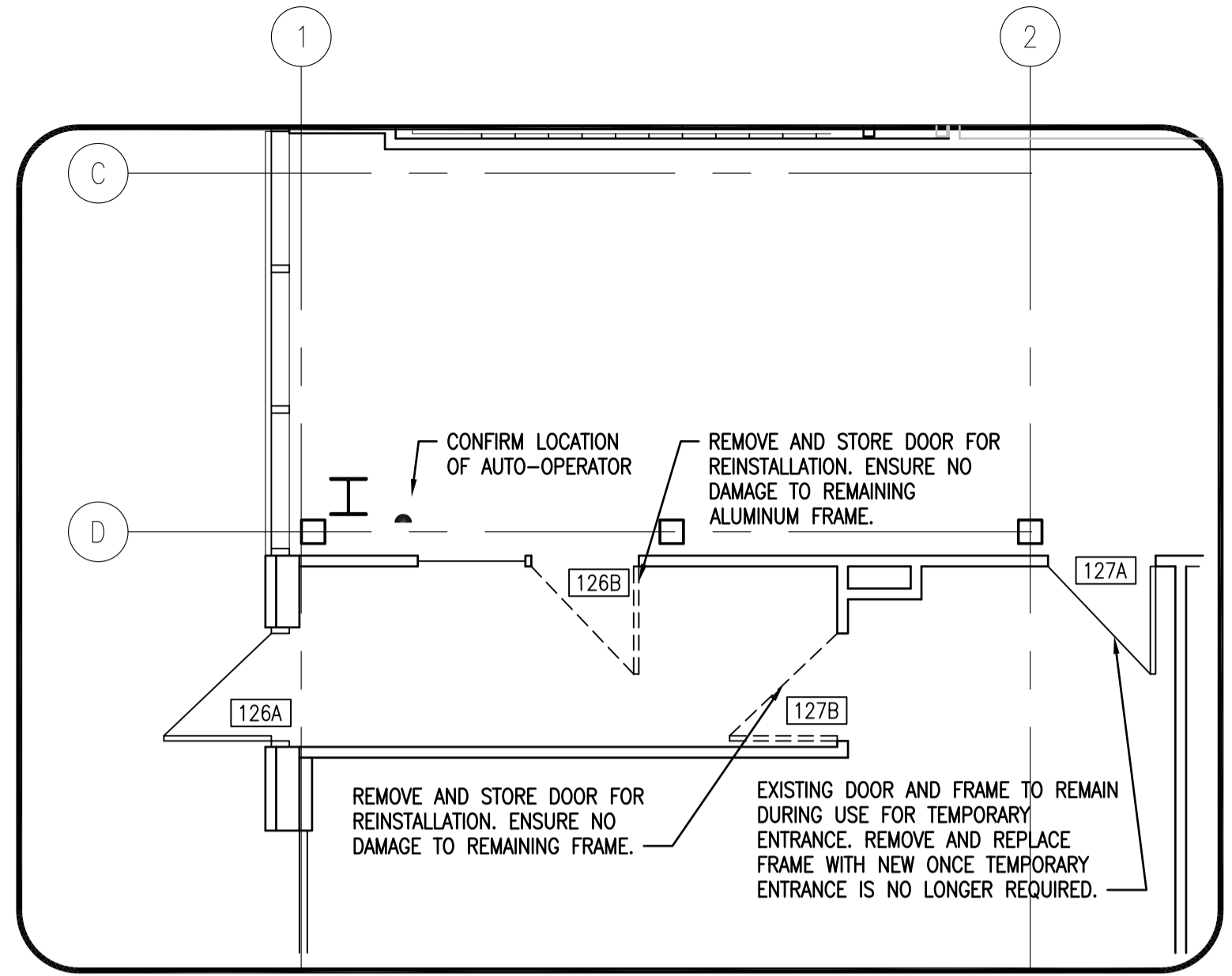
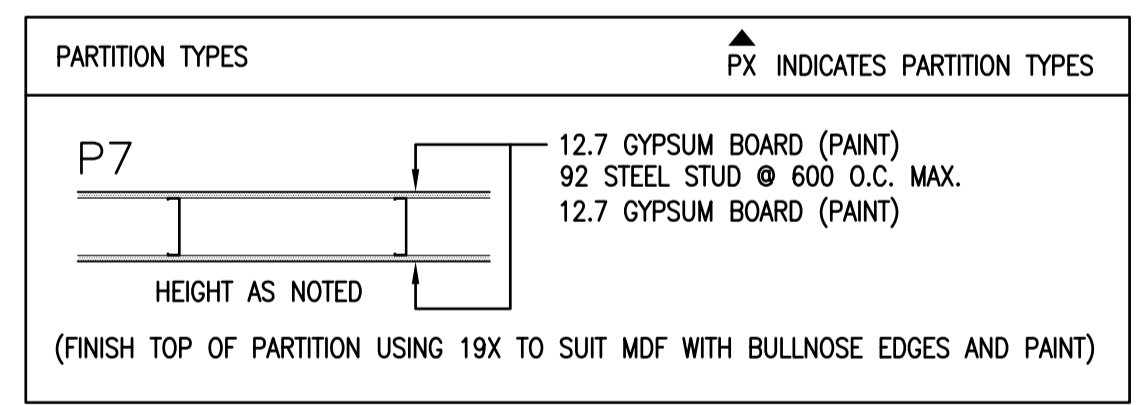


4
A0.2
1:20
ELEVATION (FROM ROOM 126)

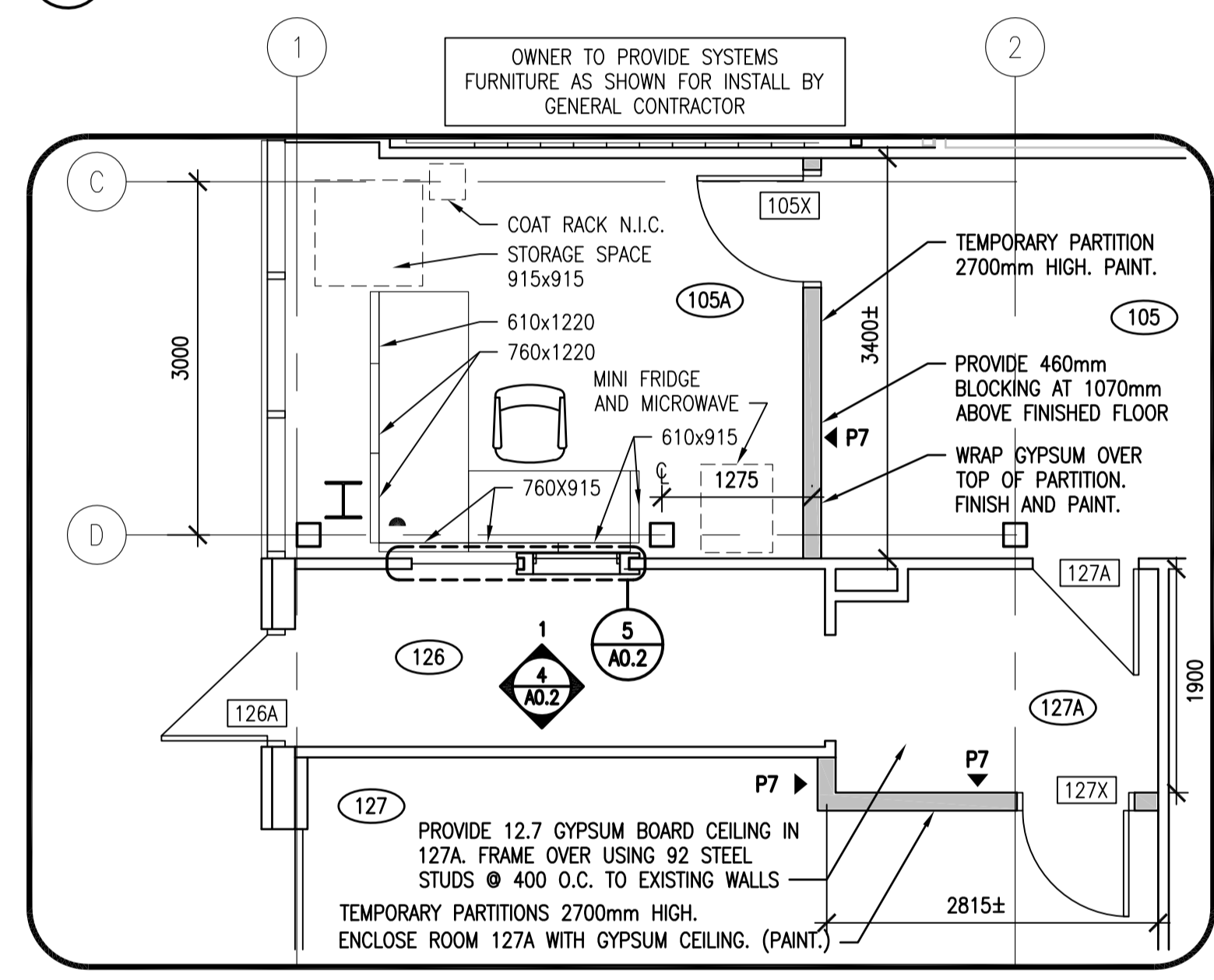


5
A0.2
1:20
TEMPORARY FRAME PLAN

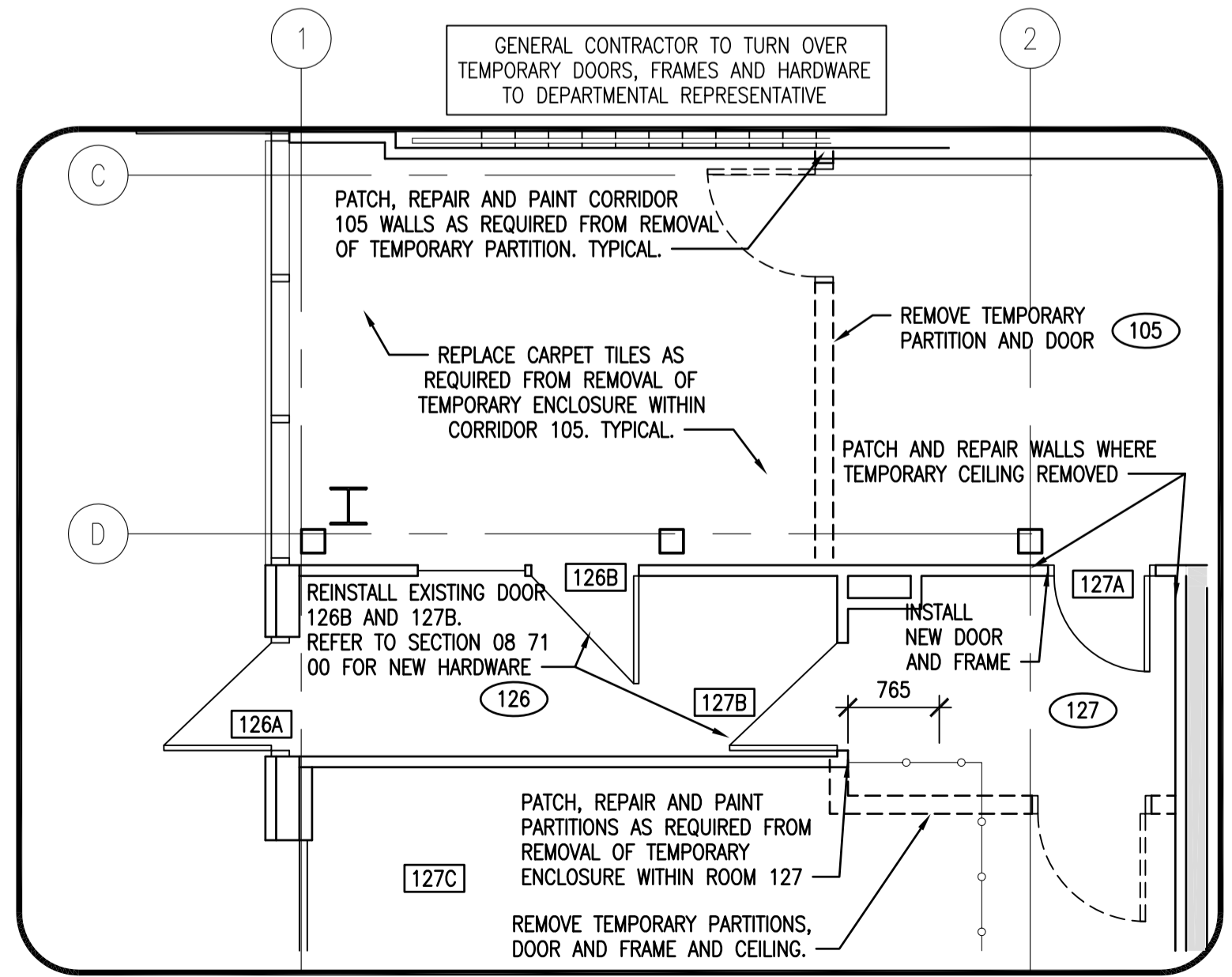
TEMPORARY ENTRANCE HARDWARE SCHEDULE (SEE SECTION 08 71 00 FOR FINAL HARDWARE)			
DOOR	DEMOLITION	DOOR	TEMPORARY HARDWARE
126A	EXISTING TO REMAIN	126A	EXISTING TO REMAIN
126B	REMOVE AND STORE EXISTING DOOR AND HARDWARE	126B	REINSTALL DOOR AND HARDWARE FOLLOWING TEMPORARY ENTRANCE REMOVAL
N/A		105X	1 LOCKSET: ANSI F15 3 BUTTS NRP 1 CLOSER
127A	DOOR TO REMAIN. REMOVE EXISTING HARDWARE	127A	1 LOCKSET: ANSI F15 3 BUTTS NRP 1 CLOSER 1 ELECTRIC STRIKE
N/A		127X	1 LOCKSET: ANSI F15 3 BUTTS 1 CLOSER 1 ELECTRIC STRIKE DUAL EAC ACCESS
127B	REMOVE AND STORE EXISTING DOOR FOR REINSTALLATION WITH NEW HARDWARE	N/A	



1
A2.1
1:50
TEMPORARY ENTRANCE DEMOLITION

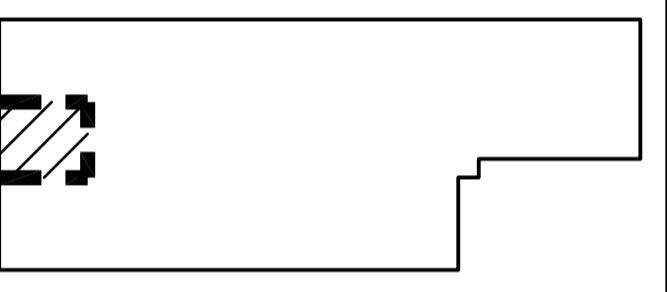


2
A0.2
1:50
TEMPORARY ENTRANCE PLAN



3
A2.9
1:50
TEMPORARY ENTRANCE PLAN - (FINAL REINSTATEMENT)

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MAIN FLOOR KEY PLAN

DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
5		
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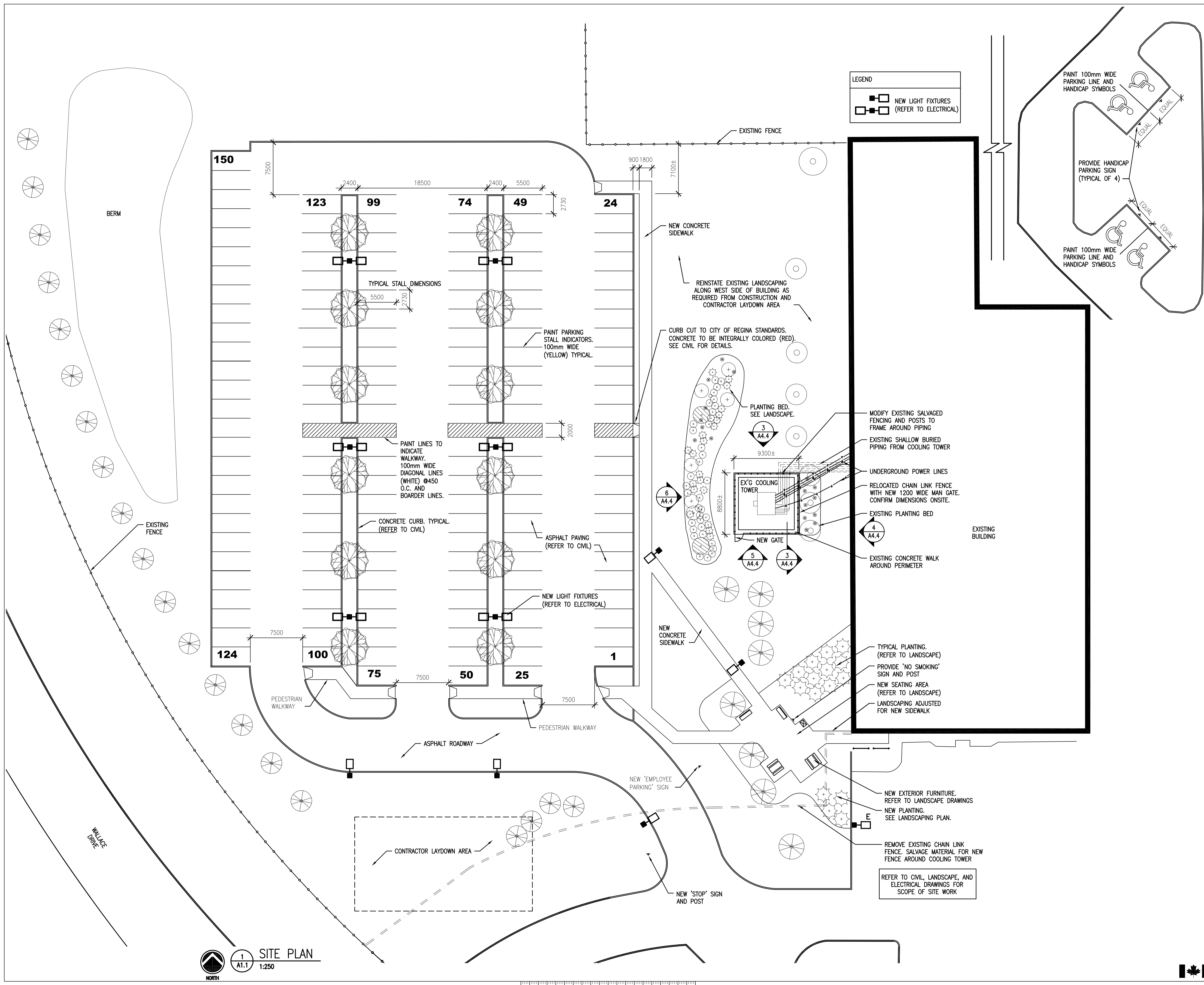
**TEMPORARY ENTRANCE
- PLANS
- DETAILS
- SCHEDULES**

Project No./No. du projet

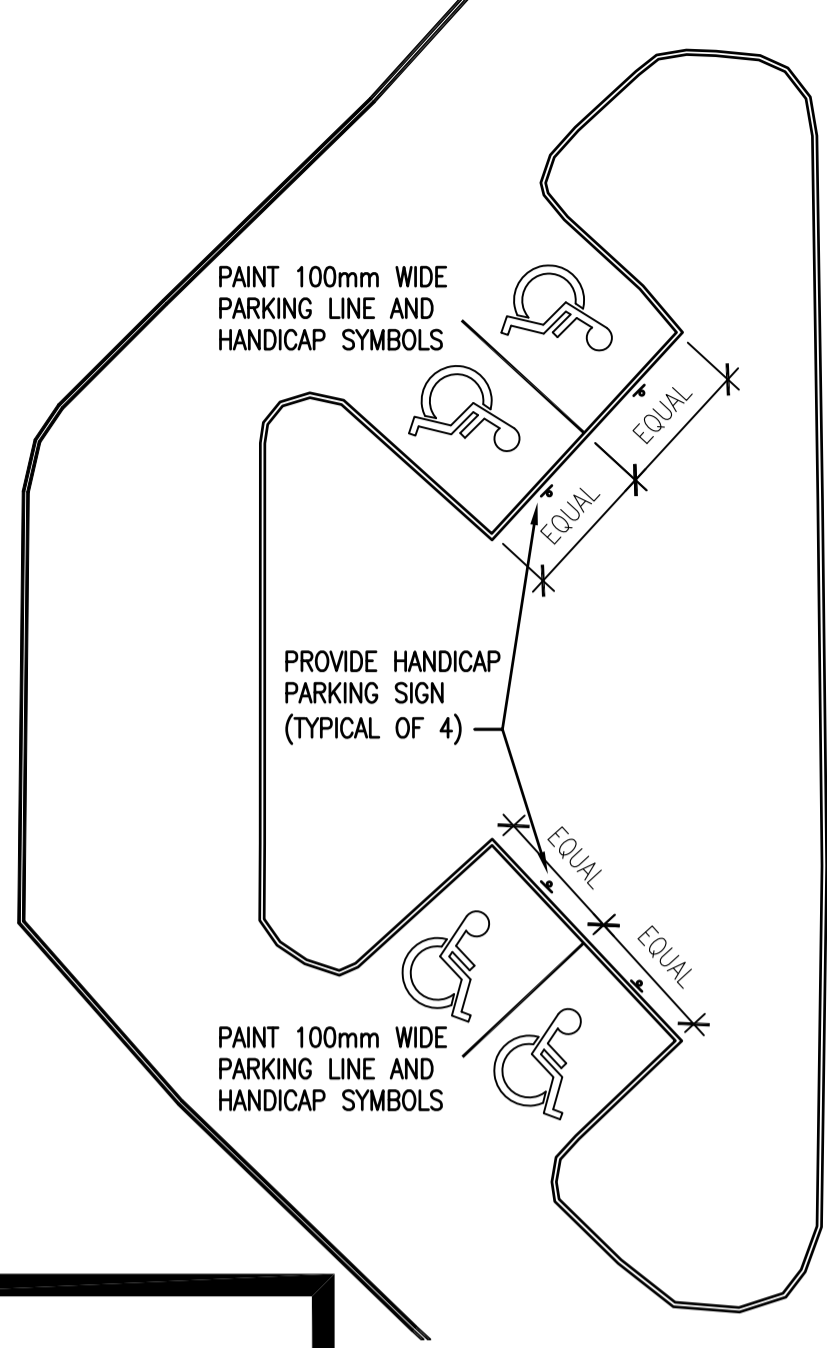
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LEGEND
 [Symbol] NEW LIGHT FIXTURES (REFER TO ELECTRICAL)



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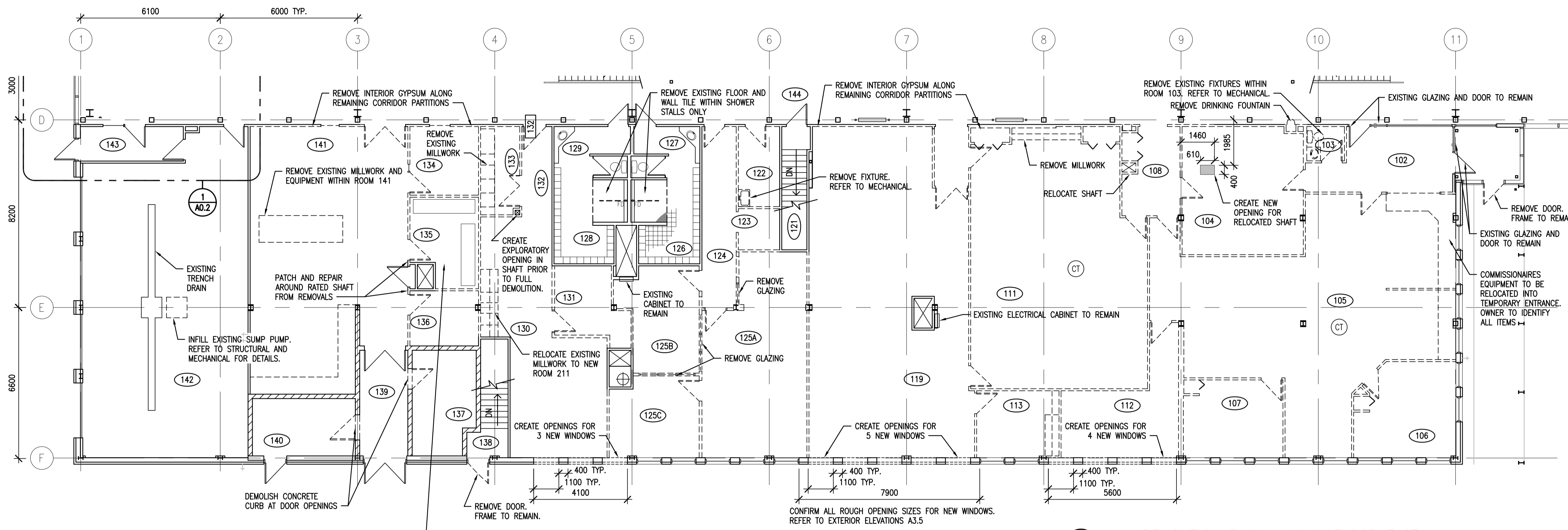
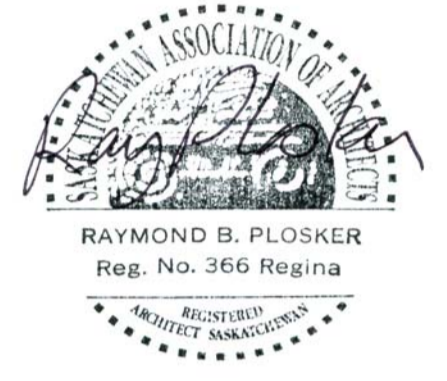
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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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SITE PLAN

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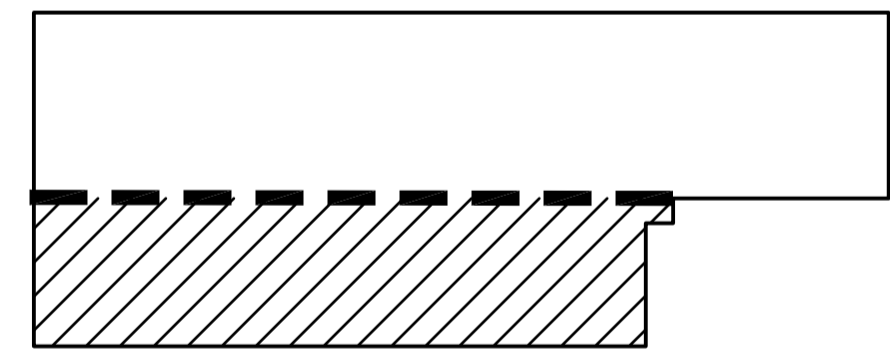


GENERAL NOTES:
 1. REFER TO MECHANICAL AND ELECTRICAL FOR SCOPE OF REMOVALS.
 2. PATCH AND REPAIR FLOOR AND REMAINING PARTITIONS WHERE AFFECTED BY REMOVALS. MATCH TO NEW/EXISTING FINISHES.
 3. REMOVE ALL EXISTING BLINDS AND RELATED HARDWARE ON EXTERIOR WINDOWS. PATCH, REPAIR AND PAINT AS REQUIRED FROM REMOVALS.
 4. EXISTING FLOORING TO BE REMOVED THROUGHOUT RENOVATED AREAS. PATCH AND PREPARE SUBSTRATE AS REQUIRED FOR NEW FLOOR FINISHES.
 5. REMOVED CARPET TILES ARE TO BE SALVAGED FOR REUSE WHERE POSSIBLE.

LEGEND

	PARTITION TO REMAIN
	ONE SIDE GYPSUM REMOVED. REFER TO NEW PARTITION SCHEDULE.
	PARTITION TO BE DEMOLISHED
	CONCRETE BLOCK TO BE DEMOLISHED
	MILLWORK TO BE REMOVED
	DOOR AND FRAME TO BE REMOVED
	EXISTING DOOR TO REMAIN
	GLAZING TO BE REMOVED
	CARPET TILE
	RESILIENT SHEET

1 A2.1 DEMOLITION PLAN - MAIN FLOOR EAST
 1:100



MAIN FLOOR KEY PLAN

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Revision/	Description/Description	Date/Date
Client/client		

Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par
VS/RP

Drawn by/Dessine par
VS

Project Manager/Administrateur de Projets
HM

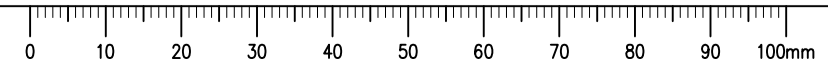
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 Ressources Architecturales et de Directeur d'ingénierie

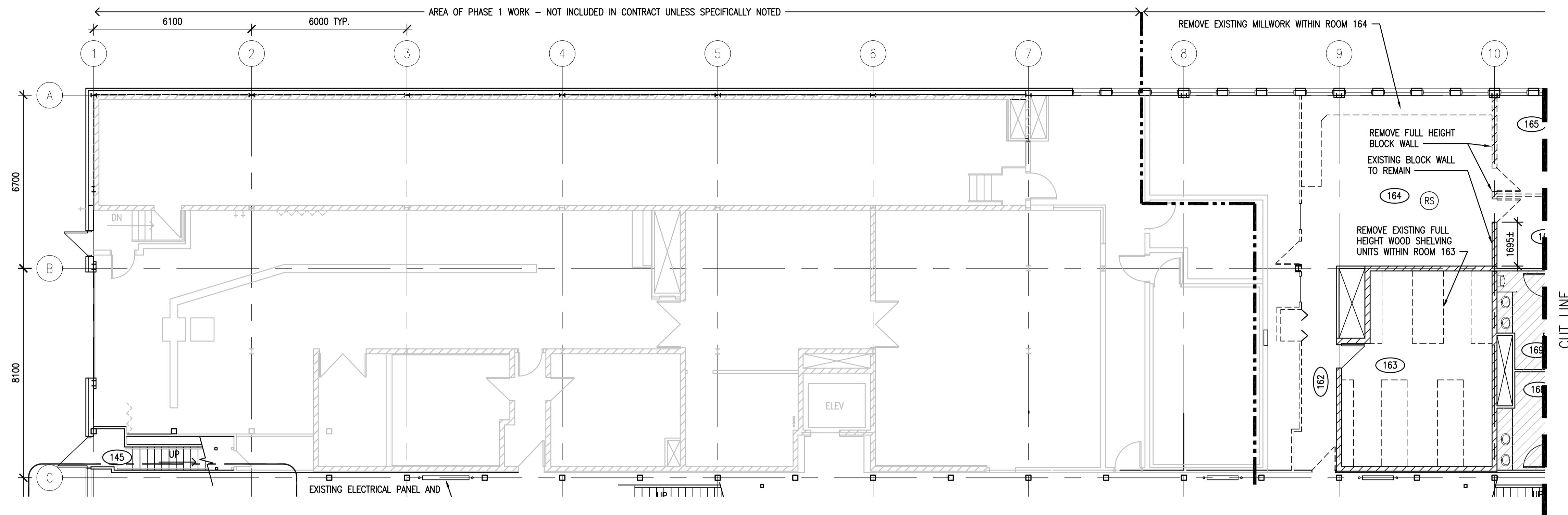
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**DEMOLITION PLAN
 MAIN FLOOR PLAN EAST**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	A2.1	0

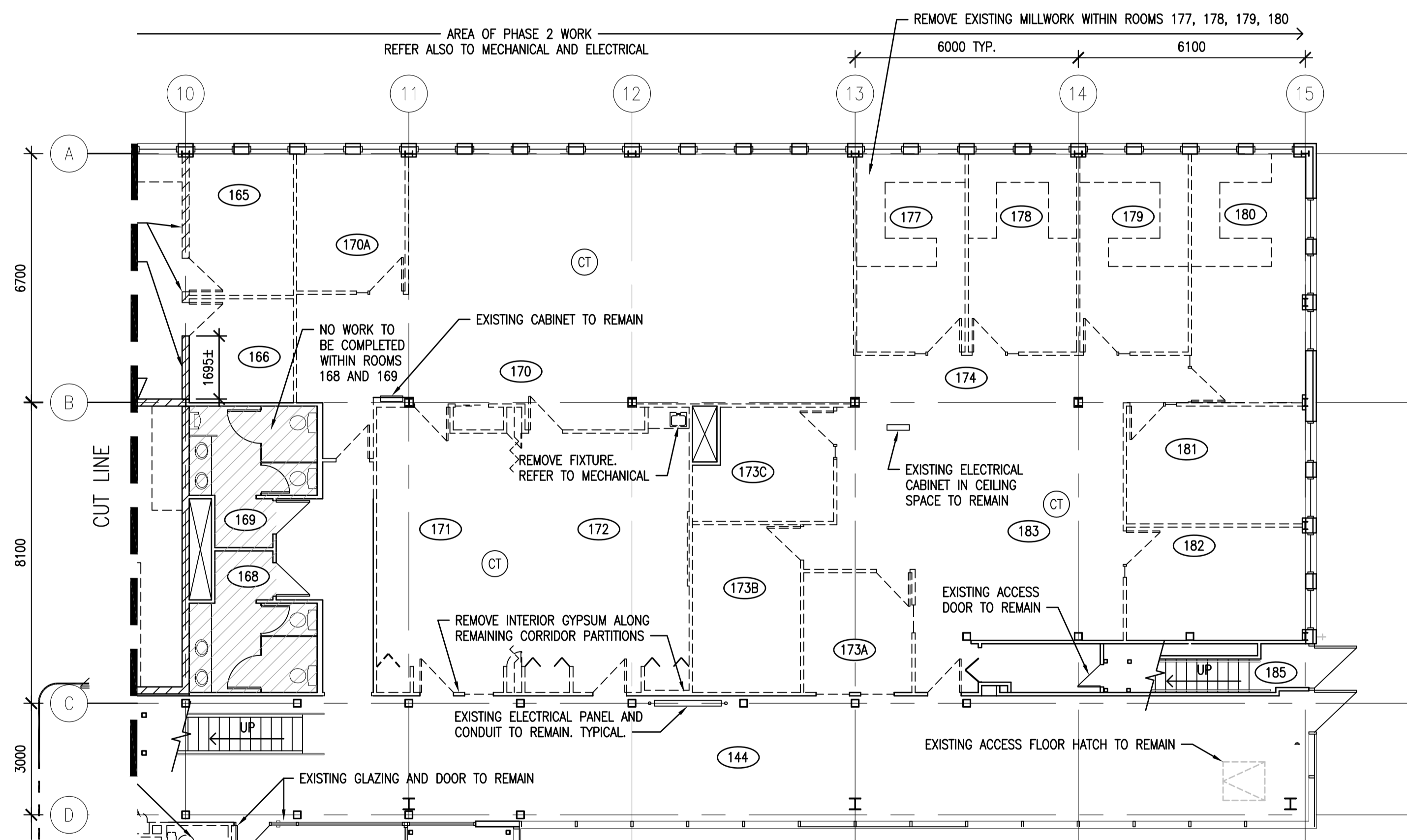




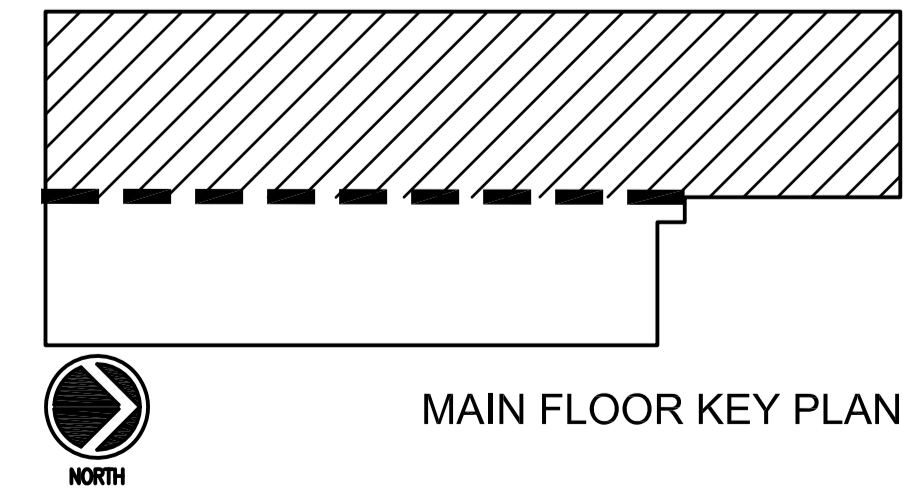
GENERAL NOTES:
 1. REFER TO MECHANICAL AND ELECTRICAL FOR SCOPE OF REMOVALS.
 2. PATCH AND REPAIR FLOOR AND REMAINING PARTITIONS WHERE AFFECTED BY REMOVALS. MATCH TO NEW/EXISTING FINISHES.
 3. REMOVE ALL EXISTING BLINDS AND RELATED HARDWARE ON EXTERIOR WINDOWS. PATCH, REPAIR AND PAINT AS REQUIRED FROM REMOVALS.
 4. EXISTING FLOORING TO BE REMOVED THROUGHOUT RENOVATED AREAS. PATCH AND PREPARE SUBSTRATE AS REQUIRED FOR NEW FLOOR FINISHES.
 5. REMOVED CARPET TILES ARE TO BE SALVAGED FOR REUSE WHERE POSSIBLE.

LEGEND

	PARTITION TO REMAIN
	ONE SIDE GYPSUM REMOVED. REFER TO NEW PARTITION SCHEDULE.
	PARTITION TO BE DEMOLISHED
	CONCRETE BLOCK TO BE DEMOLISHED
	MILLWORK TO BE REMOVED
	DOOR AND FRAME TO BE REMOVED
	EXISTING DOOR TO REMAIN
	GLAZING TO BE REMOVED
	CARPET TILE
	RESILIENT SHEET



1 A2.2 DEMOLITION PLAN - MAIN FLOOR WEST
 1:100



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Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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HM

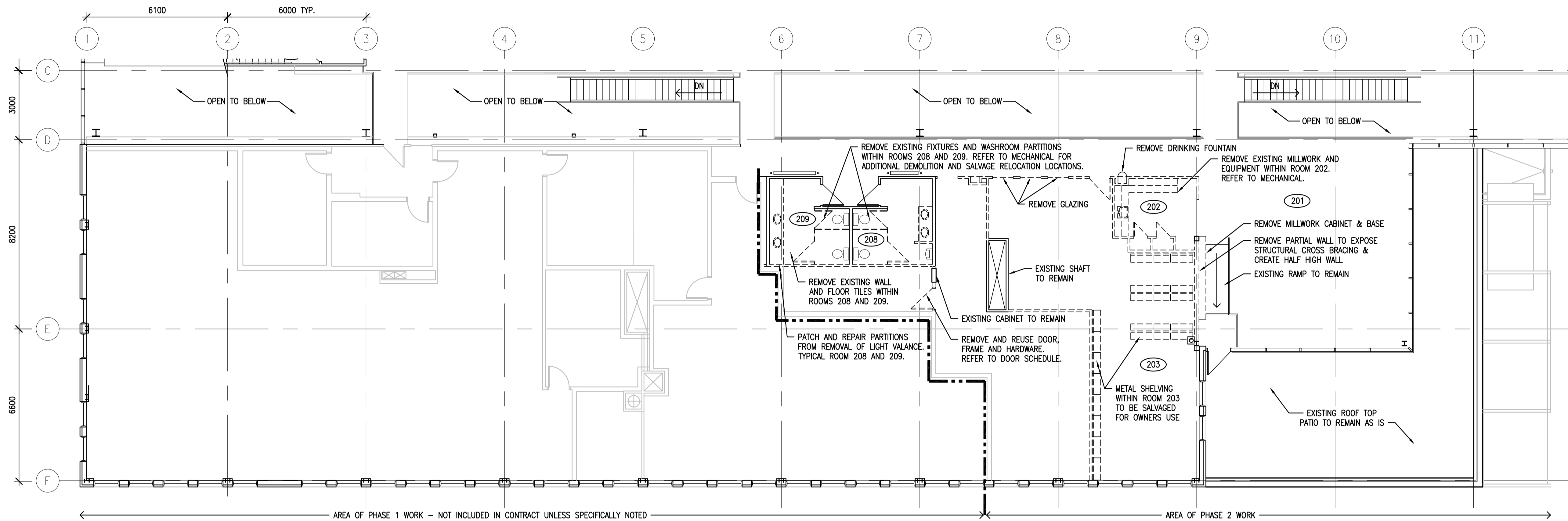
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**DEMOLITION PLAN
 MAIN FLOOR PLAN WEST**

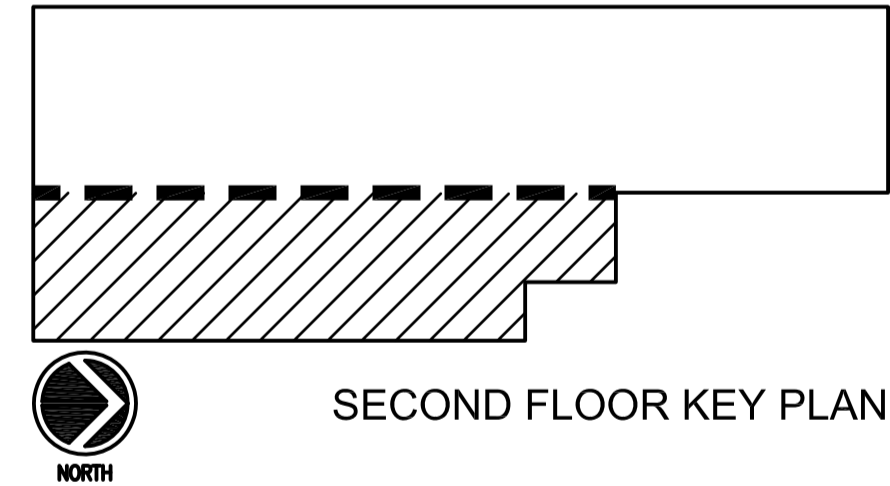
Project No./No. du projet 30/2015	Sheet/Feuille A2.2	Revision no./La Révision no. 0
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GENERAL NOTES:
 1. REFER TO MECHANICAL AND ELECTRICAL FOR SCOPE OF REMOVALS.
 2. PATCH AND REPAIR FLOOR AND REMAINING PARTITIONS WHERE AFFECTED BY REMOVALS. MATCH TO NEW/EXISTING FINISHES
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 5. REMOVED CARPET TILES ARE TO BE SALVAGED FOR REUSE WHERE POSSIBLE.

LEGEND	
	PARTITION TO REMAIN
	ONE SIDE GYPSUM REMOVED. REFER TO NEW PARTITION SCHEDULE.
	PARTITION TO BE DEMOLISHED
	CONCRETE BLOCK TO BE DEMOLISHED
	MILLWORK TO BE REMOVED
	DOOR AND FRAME TO BE REMOVED
	EXISTING DOOR TO REMAIN
	GLAZING TO BE REMOVED
	CARPET TILE
	RESILIENT SHEET

1 DEMOLITION PLAN – SECOND FLOOR EAST
 A2.3 1:100



SECOND FLOOR KEY PLAN

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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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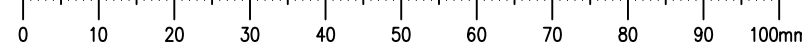
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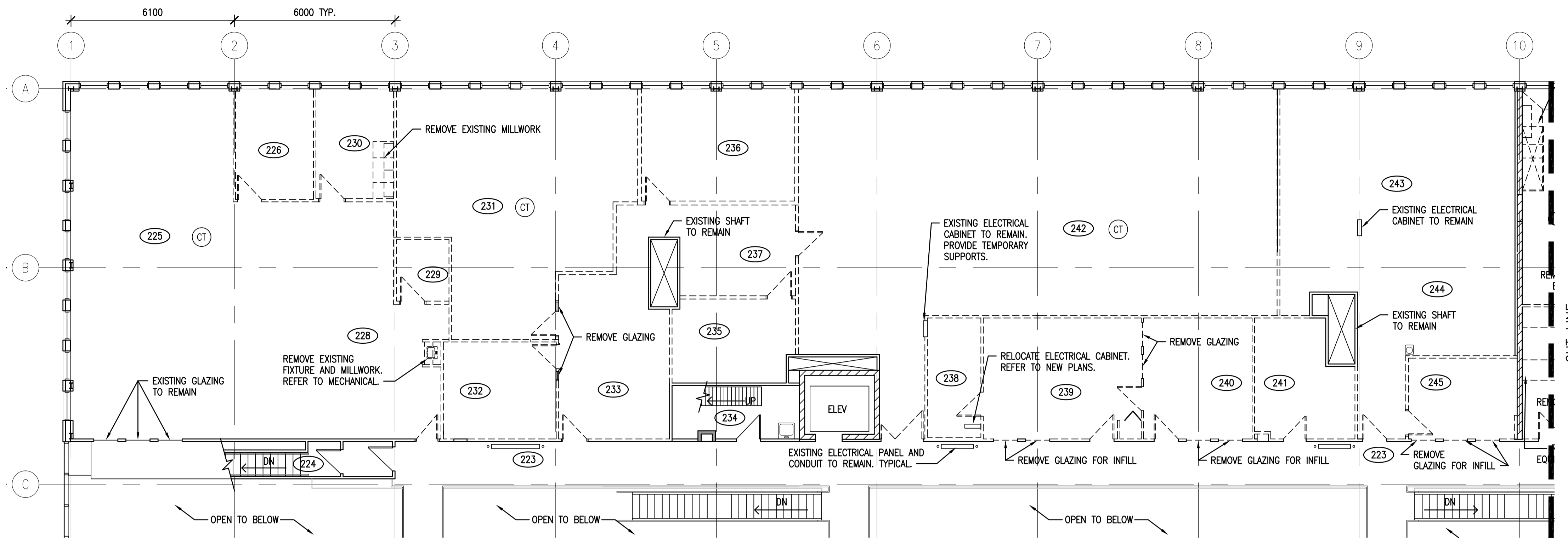
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**DEMOLITION PLAN
 SECOND FLOOR PLAN EAST**

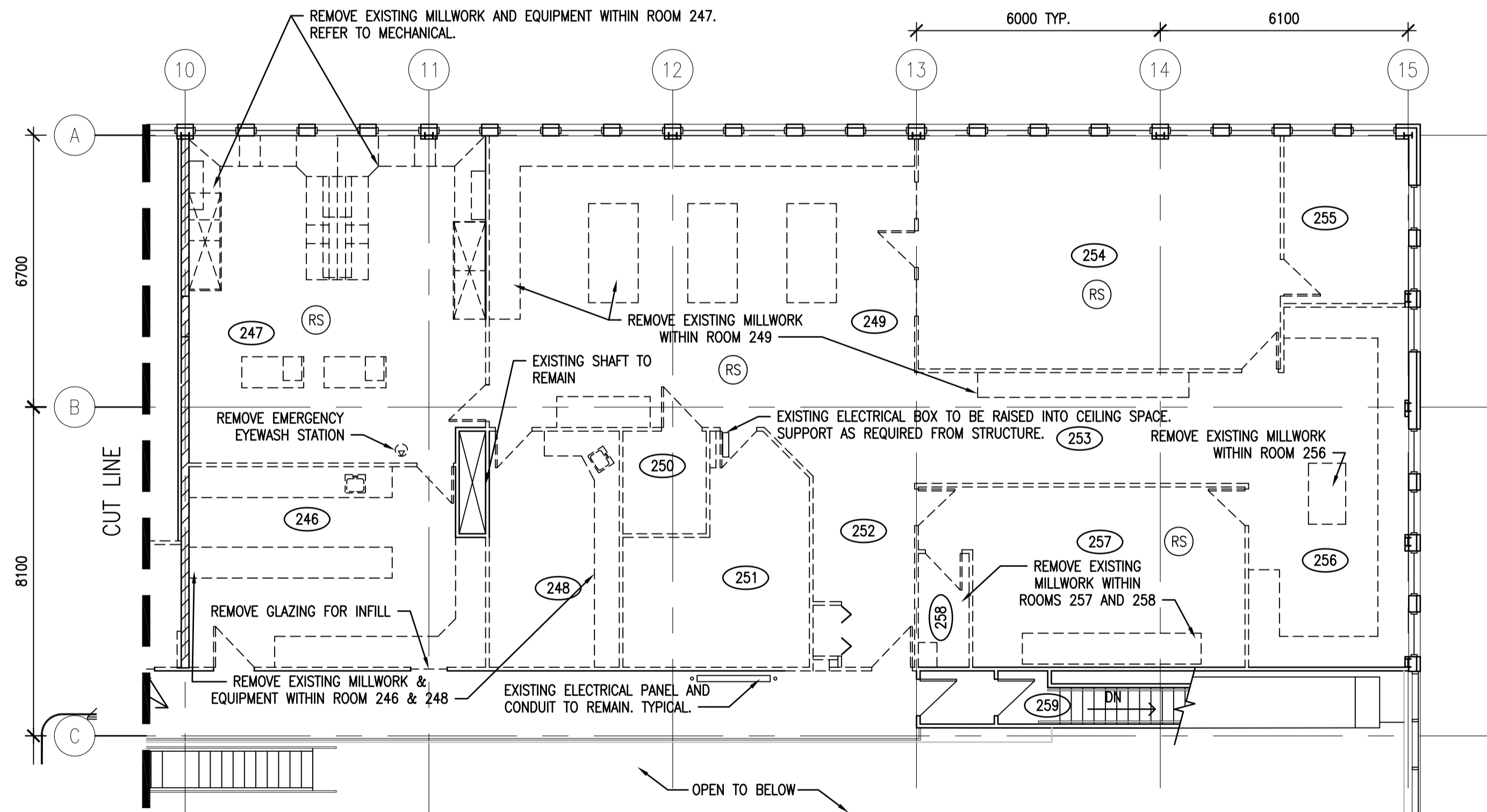
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30/2015	A2.3	0



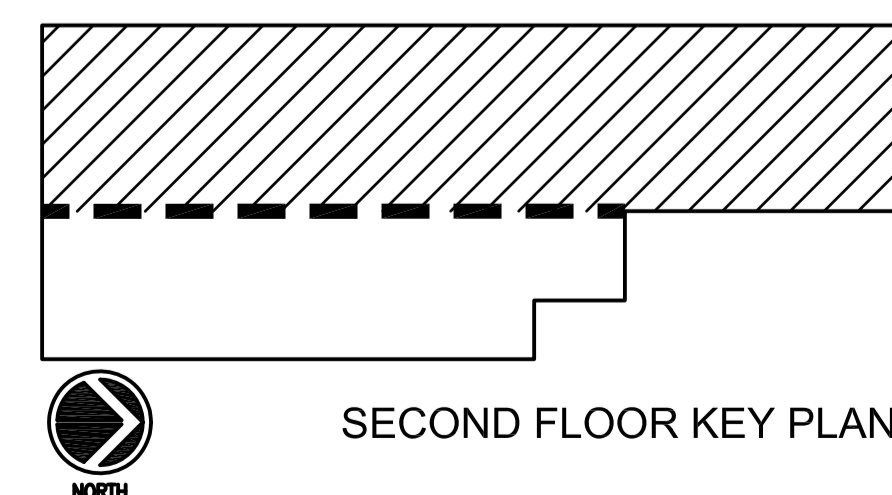


GENERAL NOTES:
 1. REFER TO MECHANICAL AND ELECTRICAL FOR SCOPE OF REMOVALS.
 2. PATCH AND REPAIR FLOOR AND REMAINING PARTITIONS WHERE AFFECTED BY REMOVALS. MATCH TO NEW/EXISTING FINISHES.
 3. REMOVE ALL EXISTING BLINDS AND RELATED HARDWARE ON EXTERIOR WINDOWS. PATCH, REPAIR AND PAINT AS REQUIRED FROM REMOVALS.
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 5. REMOVED CARPET TILES ARE TO BE SALVAGED FOR REUSE WHERE POSSIBLE.

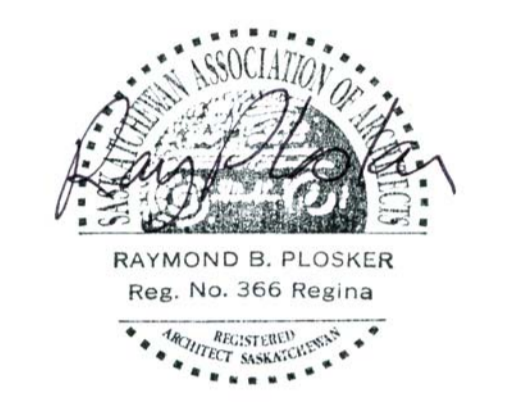
LEGEND	
	PARTITION TO REMAIN
	ONE SIDE GYPSUM REMOVED. REFER TO NEW PARTITION SCHEDULE.
	PARTITION TO BE DEMOLISHED
	CONCRETE BLOCK TO BE DEMOLISHED
	MILLWORK TO BE REMOVED
	DOOR AND FRAME TO BE REMOVED
	EXISTING DOOR TO REMAIN
	GLAZING TO BE REMOVED
	CARPET TILE
	RESILIENT SHEET



1
A2.4 1:100 DEMOLITION PLAN – SECOND FLOOR WEST



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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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Designed by/Concept par
VS/RP

Drawn by/Dessiné par
VS

Project Manager/Administrateur de Projets
HM

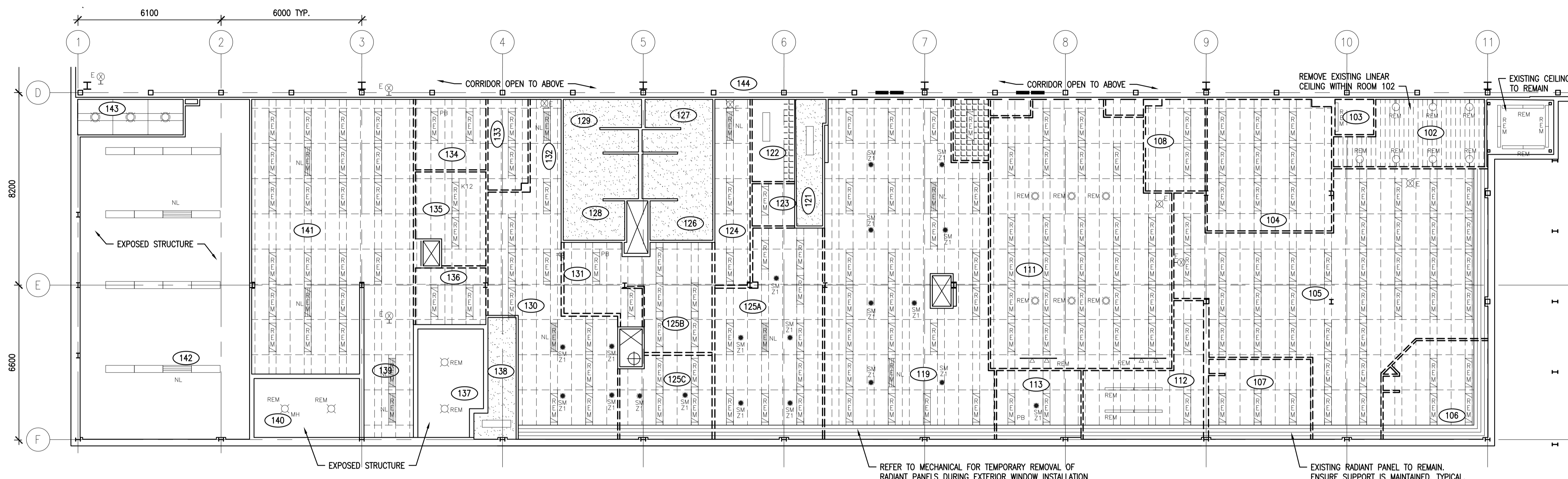
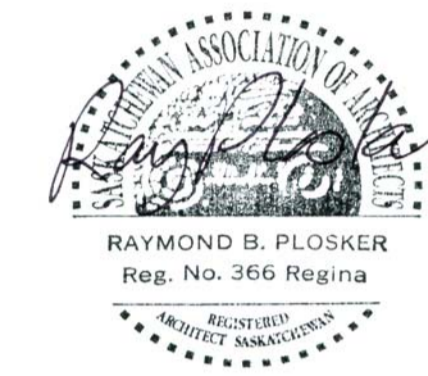
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**DEMOLITION PLAN
 SECOND FLOOR PLAN WEST**

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30/2015	A2.4	0

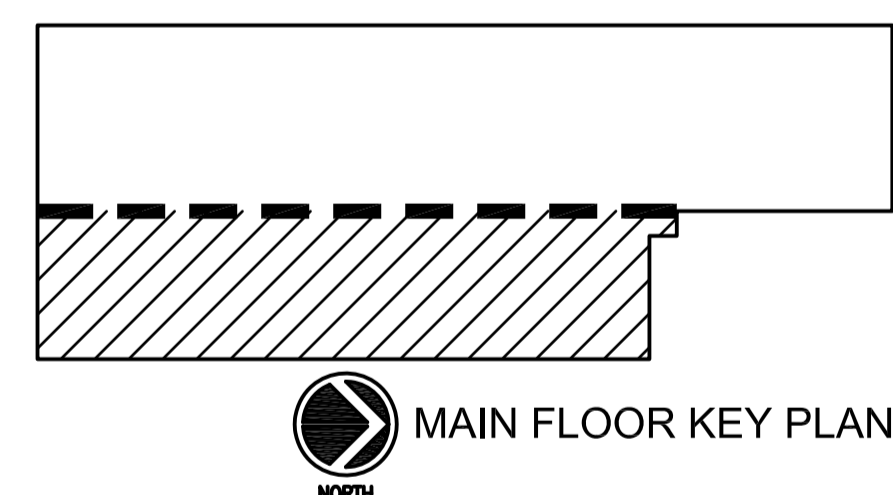


REFER TO MECHANICAL AND ELECTRICAL FOR SCOPE OF REMOVALS.



1 A2.5 1:100 DEMOLITION REFLECTED CEILING PLAN - MAIN FLOOR EAST

DEMOLITION LEGEND	
	ACOUSTIC TILE & SUSPENSION GRID TO BE REMOVED
	GYPSUM BOARD CEILING TO BE REMOVED
	EXISTING TO GYPSUM BOARD TO REMAIN
	LINEAR METAL TO BE REMOVED
	EXPOSED STRUCTURE
	LIGHT FIXTURE TO BE REMOVED
	LIGHT FIXTURE TO REMAIN



REFER TO MECHANICAL FOR TEMPORARY REMOVAL OF RADIANT PANELS DURING EXTERIOR WINDOW INSTALLATION

EXISTING RADIANT PANEL TO REMAIN. ENSURE SUPPORT IS MAINTAINED. TYPICAL.

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**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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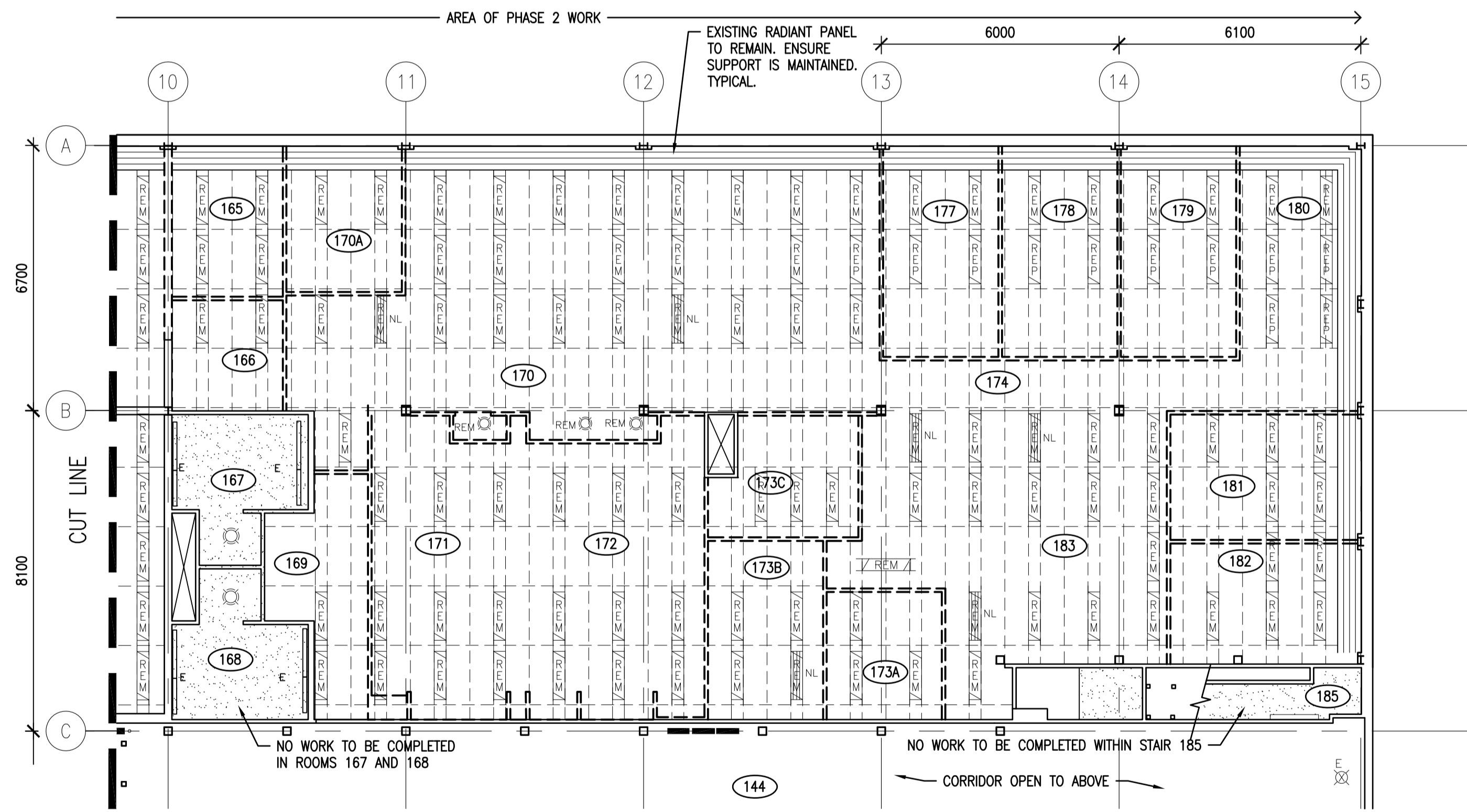
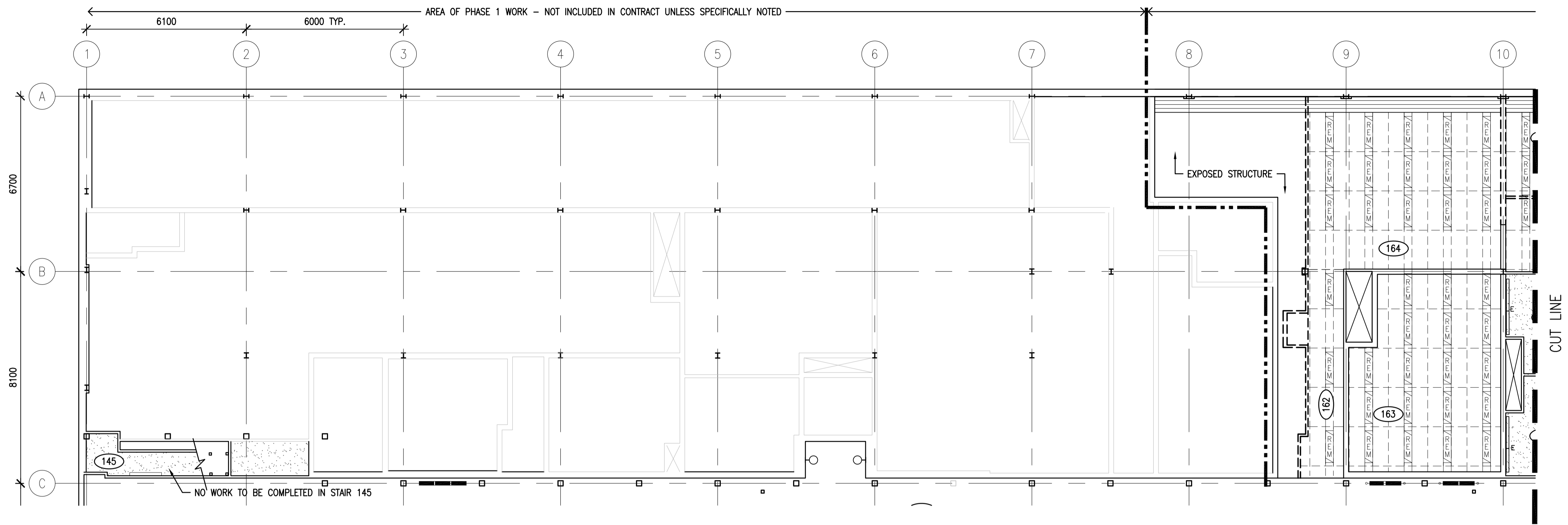
Client/client

Drawing title/Titre du dessin

**DEMOLITION REFLECTED CEILING
MAIN FLOOR EAST**

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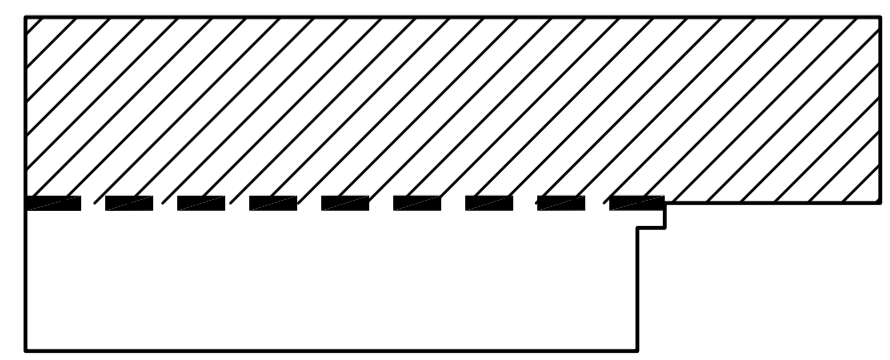


DEMOLITION LEGEND

	ACOUSTIC TILE & SUSPENSION GRID TO BE REMOVED
	GYPSUM BOARD CEILING TO BE REMOVED
	EXISTING TO GYPSUM BOARD TO REMAIN
	LINEAR METAL TO BE REMOVED
	EXPOSED STRUCTURE
	LIGHT FIXTURE TO BE REMOVED
	LIGHT FIXTURE TO REMAIN

REFER TO MECHANICAL AND ELECTRICAL FOR SCOPE OF REMOVALS.

1 DEMOLITION REFLECTED CEILING PLAN - MAIN FLOOR WEST
A2.6 1:100



MAIN FLOOR KEY PLAN

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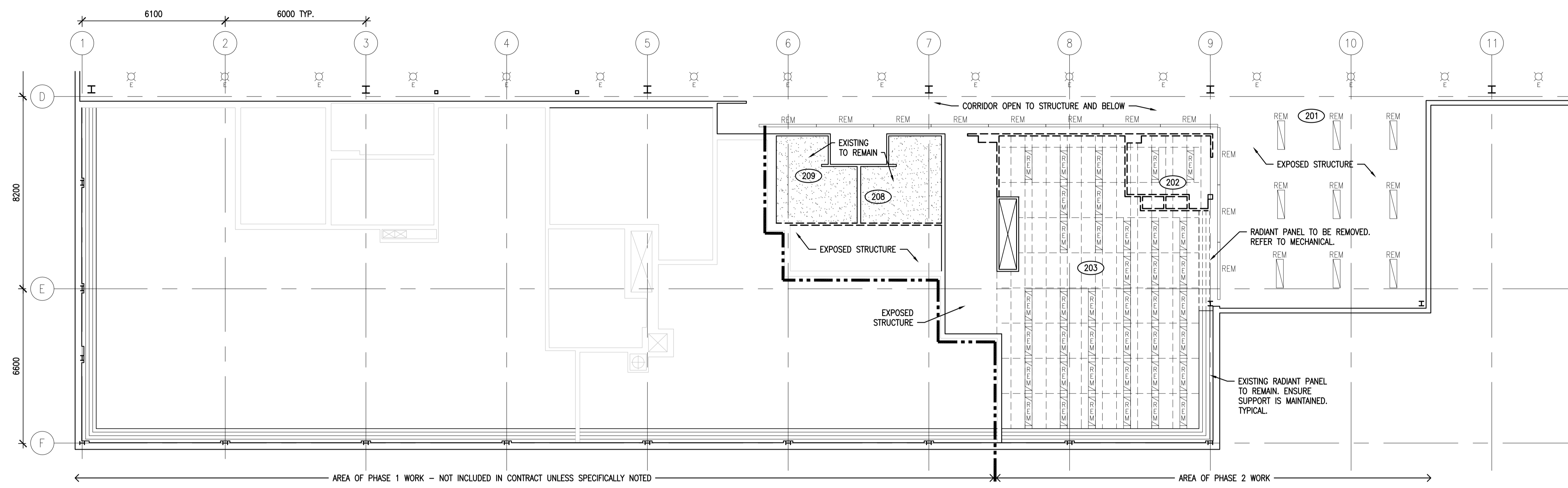
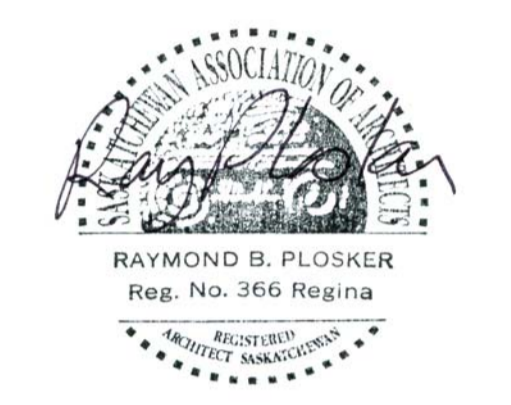
Project title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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HM
 Architectural and Engineering Resources Manager/
 Ressources Architecturales et de Directeur d'Ingénierie
 Client/client

Drawing title/Titre du dessin
**DEMOLITION REFLECTED CEILING
 MAIN FLOOR WEST**

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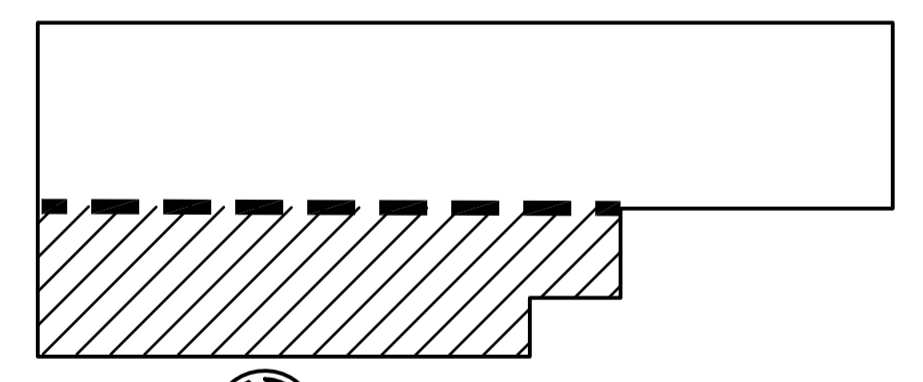
REFER TO MECHANICAL AND ELECTRICAL FOR SCOPE OF REMOVALS.

1 DEMOLITION REFLECTED CEILING PLAN - SECOND FLOOR EAST
 A2.7 1:100



DEMOLITION LEGEND

	ACOUSTIC TILE & SUSPENSION GRID TO BE REMOVED
	GYPSUM BOARD CEILING TO BE REMOVED
	EXISTING TO GYPSUM BOARD TO REMAIN
	LINEAR METAL TO BE REMOVED
	EXPOSED STRUCTURE
	LIGHT FIXTURE TO BE REMOVED
	LIGHT FIXTURE TO REMAIN



SECOND FLOOR KEY PLAN



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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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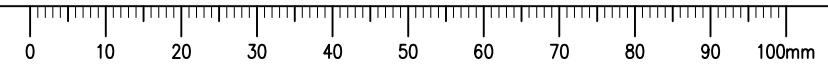
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 Ressources Architecturales et de Directeur d'ingénierie

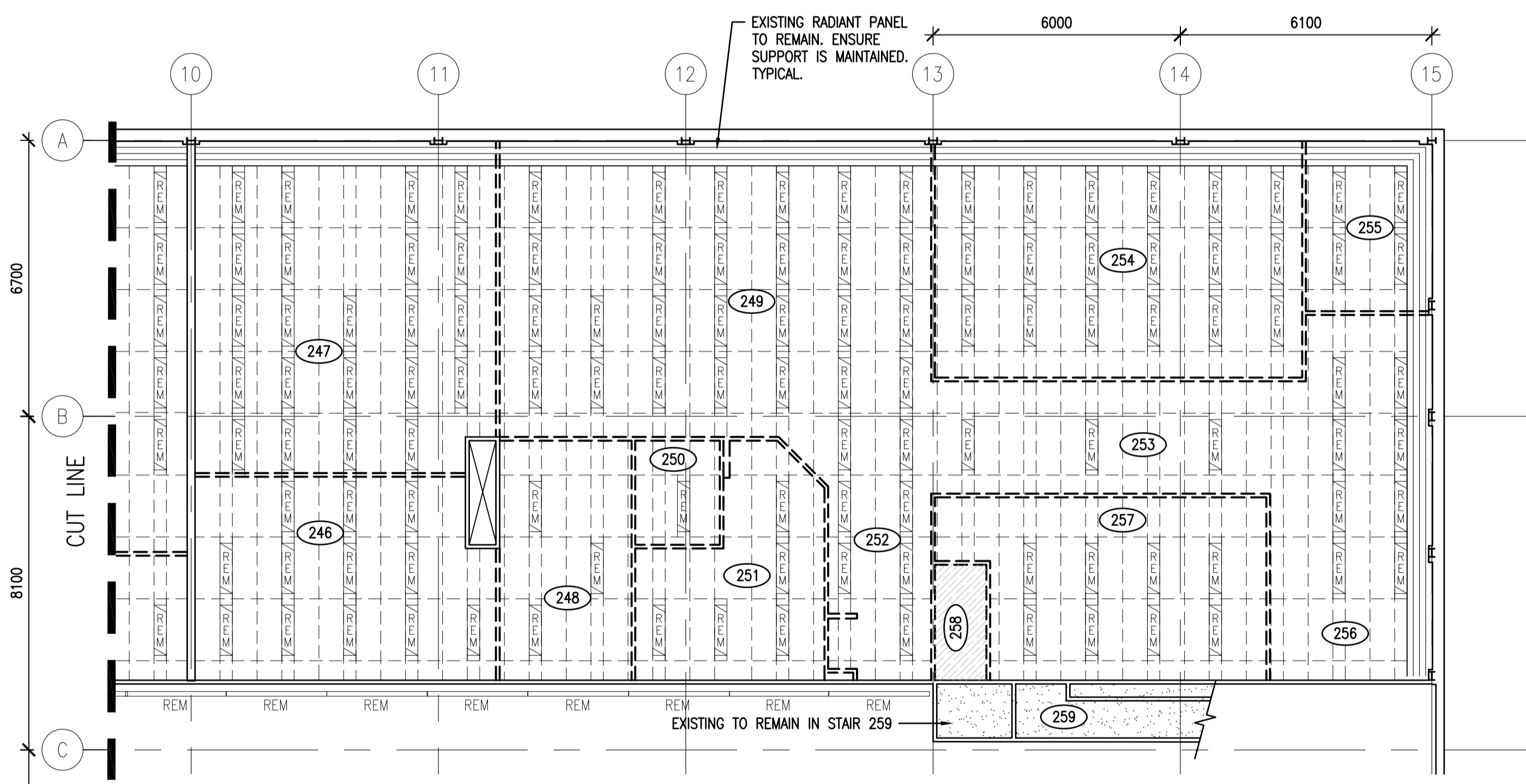
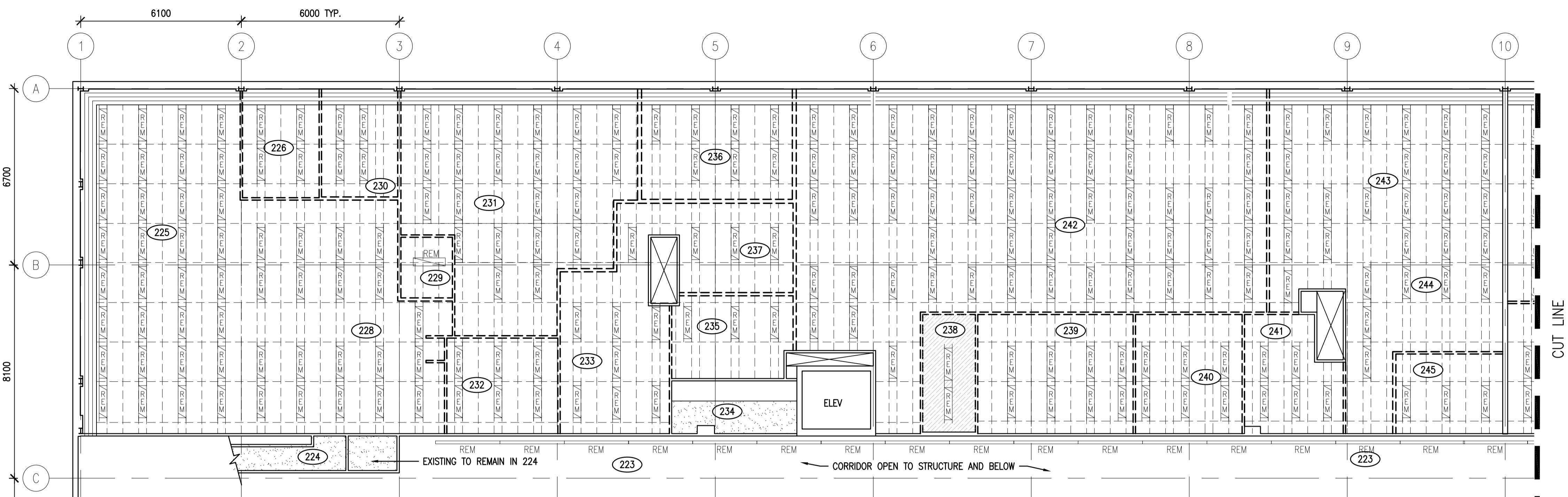
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**DEMOLITION REFLECTED CEILING
 SECOND FLOOR EAST**

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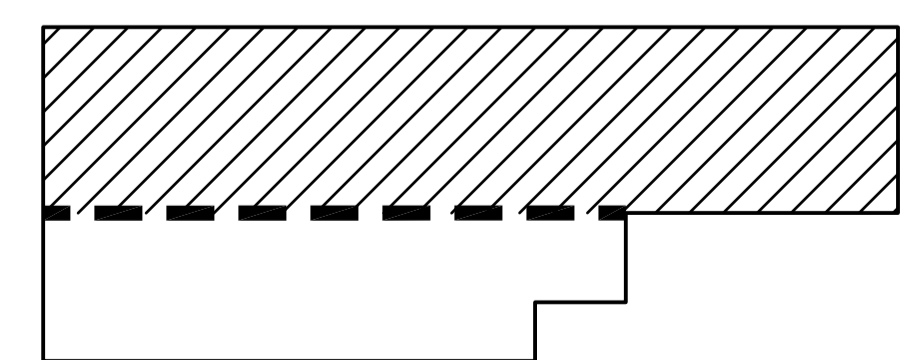


DEMOLITION LEGEND

	ACOUSTIC TILE & SUSPENSION GRID TO BE REMOVED
	GYPSON BOARD CEILING TO BE REMOVED
	EXISTING TO GYPSON BOARD TO REMAIN
	LINEAR METAL TO BE REMOVED
	EXPOSED STRUCTURE
	LIGHT FIXTURE TO BE REMOVED
	LIGHT FIXTURE TO REMAIN

REFER TO MECHANICAL AND ELECTRICAL FOR SCOPE OF REMOVALS.

1 DEMOLITION REFLECTED CEILING PLAN – SECOND FLOOR WEST
A2.8 1:100



SECOND FLOOR KEY PLAN

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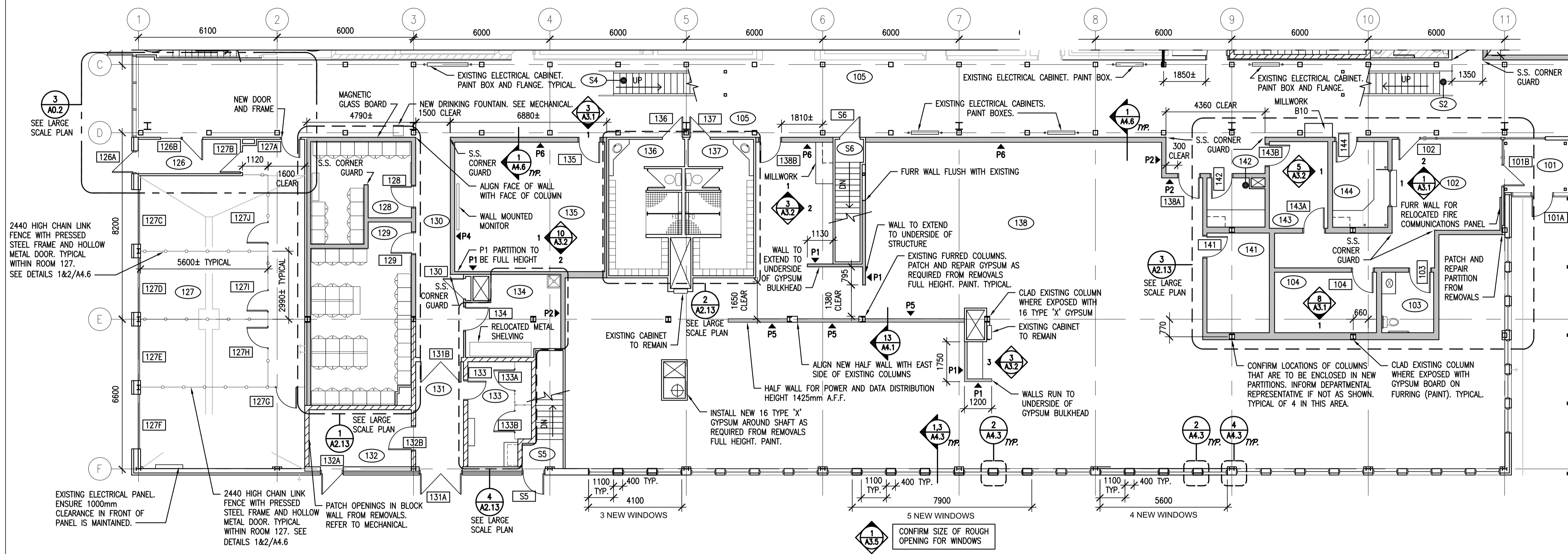
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Project title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

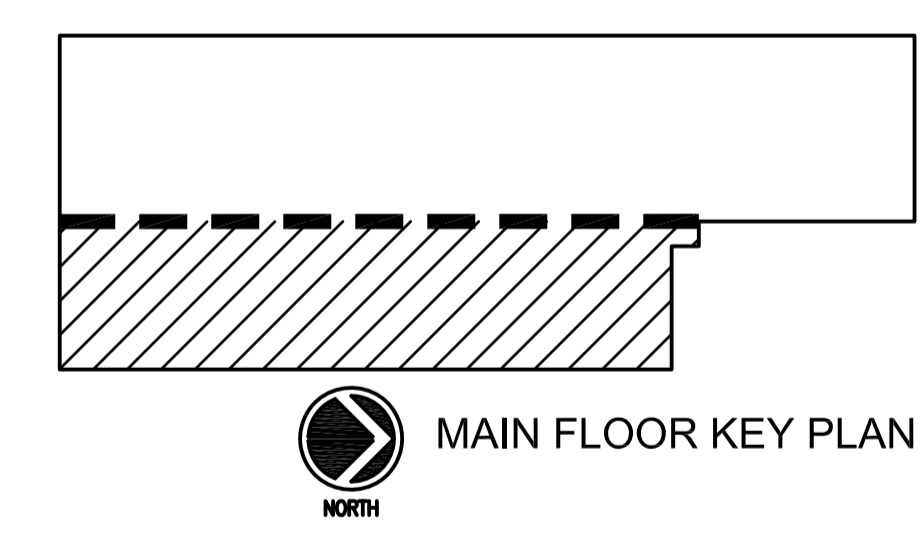
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 Project Manager/Administrateur de Projets
 HM
 Architectural and Engineering Resources Manager/
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Drawing title/Titre du dessin
**DEMOLITION - REFLECTED CEILING
 SECOND FLOOR WEST**

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1 MAIN FLOOR PLAN EAST
 1:100



GENERAL NOTES:
 1. ROOM NUMBERING SIGNAGE WILL BE INCLUDED FOR ENTIRE BUILDING WITHIN THIS WORK.
 2. NEW DUAL ROLLER BLINDS ARE TO BE INSTALLED ON NEW AND EXISTING EXTERIOR WINDOWS WITHIN AREAS OF PHASE 2 CONSTRUCTION.
 3. CREATE AND MAINTAIN SMOKE AND FIRE RATINGS AS SHOWN ON REFLECTED CEILING PLANS.
 4. PATCH AND REPAIR EXISTING BASE BUILDING FLOOR AND WALLS FROM REMOVALS. REFER TO DEMOLITION PLANS FOR SCOPE OF REMOVALS.
 5. PROVIDE BLOCKING IN PARTITIONS WHERE MONITORS, WHITEBOARDS AND UPPER CABINETS ARE INDICATED OR OTHERWISE NOTED. CONFIRM HEIGHT OF BLOCKING FOR MONITORS WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO INSTALLATION.
 6. REFER TO FINISHES PLANS A2.18 AND INTERIOR ELEVATIONS A3.1, A3.2 AND A3.3 FOR FINISHES.
 7. WHERE EXISTING BLOCK WALLS ARE BEING LEFT EXPOSED ABOVE CEILING LEVELS; REMOVE EXCESS MORTAR FROM JOINTS, RUB SMOOTH FOR FINISHING. FILL ALL OPENINGS WHERE REMOVALS OCCUR USING BLOCK INFILL.

LEGEND

	NEW PARTITION. REFER TO PARTITION TYPES FOR CONSTRUCTION.
	EXISTING PARTITION
	EXISTING CONCRETE BLOCK PARTITION
	NEW GLAZING - BUTT JOINTS SHOWN IN ELEVATION
	EXISTING DOOR
	NEW DOOR
	PHASE 1 - EXISTING DOOR
	PHASE 1 - NEW DOOR

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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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VS

Drawn by/Dessine par
HM

Project Manager/Administrateur de Projets
HM

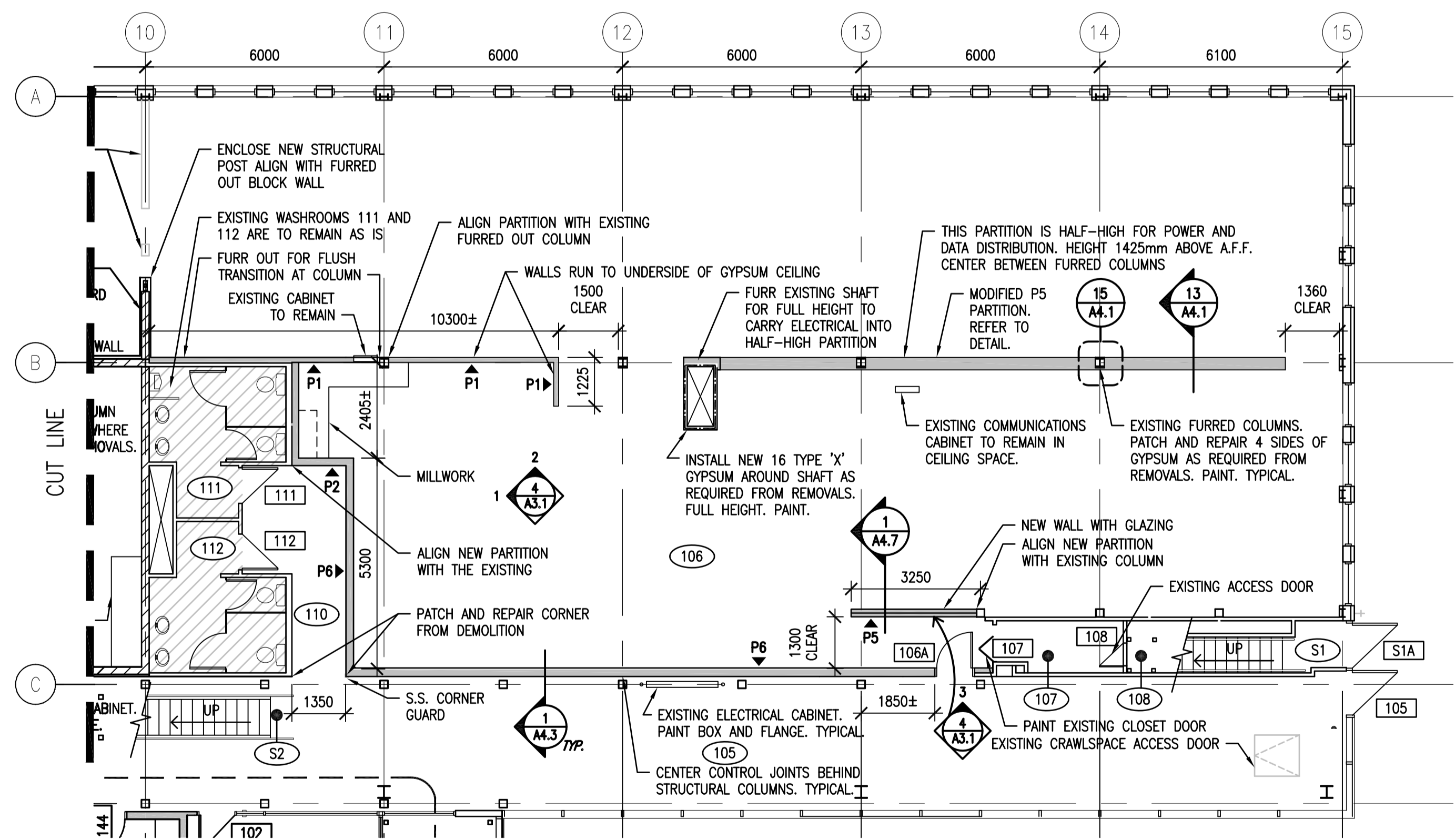
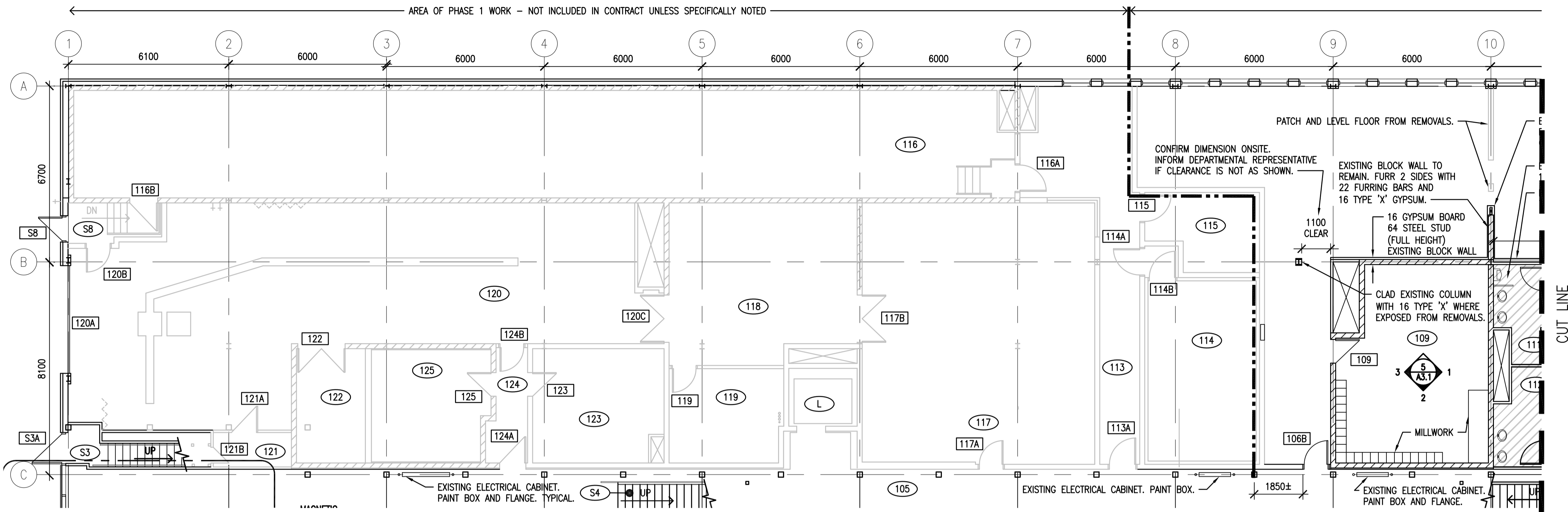
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Drawing title/Titre du dessin

MAIN FLOOR PLAN EAST

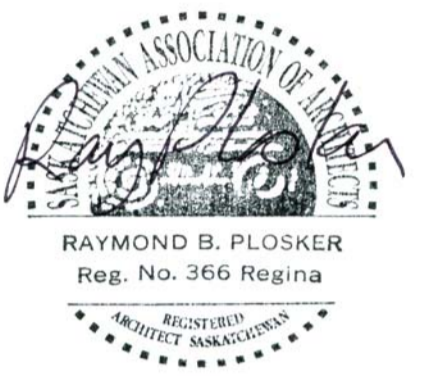
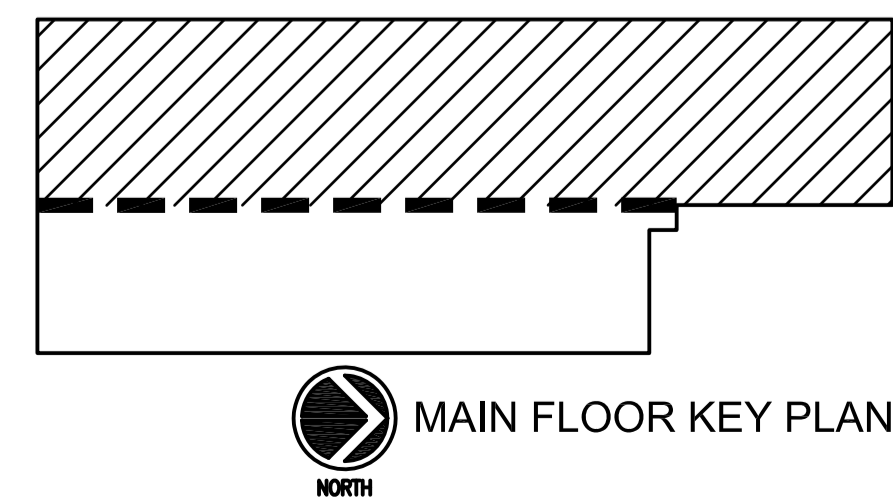
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30/2015	A2.9	0



LEGEND	
	NEW PARTITION. REFER TO PARTITION TYPES FOR CONSTRUCTION.
	EXISTING PARTITION
	EXISTING CONCRETE BLOCK PARTITION
	NEW GLAZING - BUTT JOINTS SHOWN IN ELEVATION
	EXISTING DOOR
	NEW DOOR
	PHASE 1 - EXISTING DOOR
	PHASE 1 - NEW DOOR

GENERAL NOTES:
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 6. REFER TO FINISHES PLANS A2.18 AND INTERIOR ELEVATIONS A3.1, A3.2 AND A3.3 FOR FINISHES.
 7. WHERE EXISTING BLOCK WALLS ARE BEING LEFT EXPOSED ABOVE CEILING LEVELS; REMOVE EXCESS MORTAR FROM JOINTS, RUB SMOOTH FOR FINISHING. FILL ALL OPENINGS WHERE REMOVALS OCCUR USING BLOCK INFILL.

1 MAIN FLOOR PLAN WEST
 A2.10 1:100



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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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Project Manager/Administrateur de Projets
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Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie

Client/client

Drawing title/Titre du dessin

MAIN FLOOR PLAN WEST

Project No./No. du projet

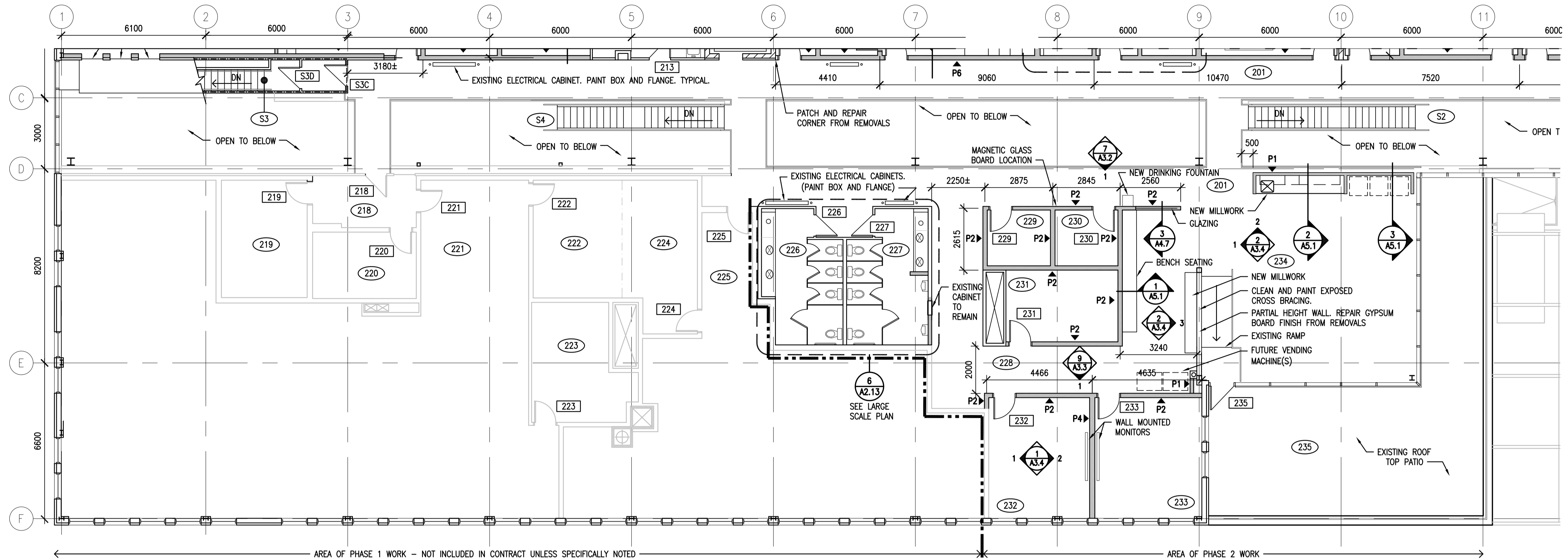
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Sheet/ Feuille

A2.10

Revision no./
 La Révision no.

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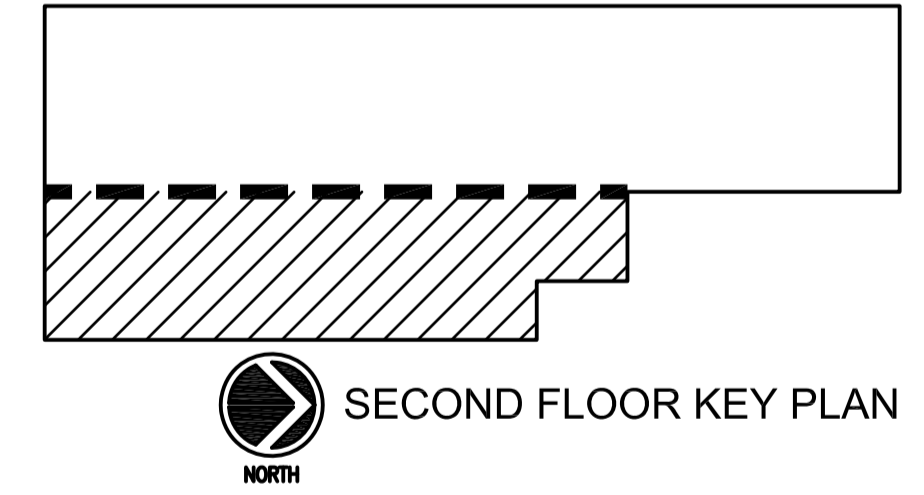
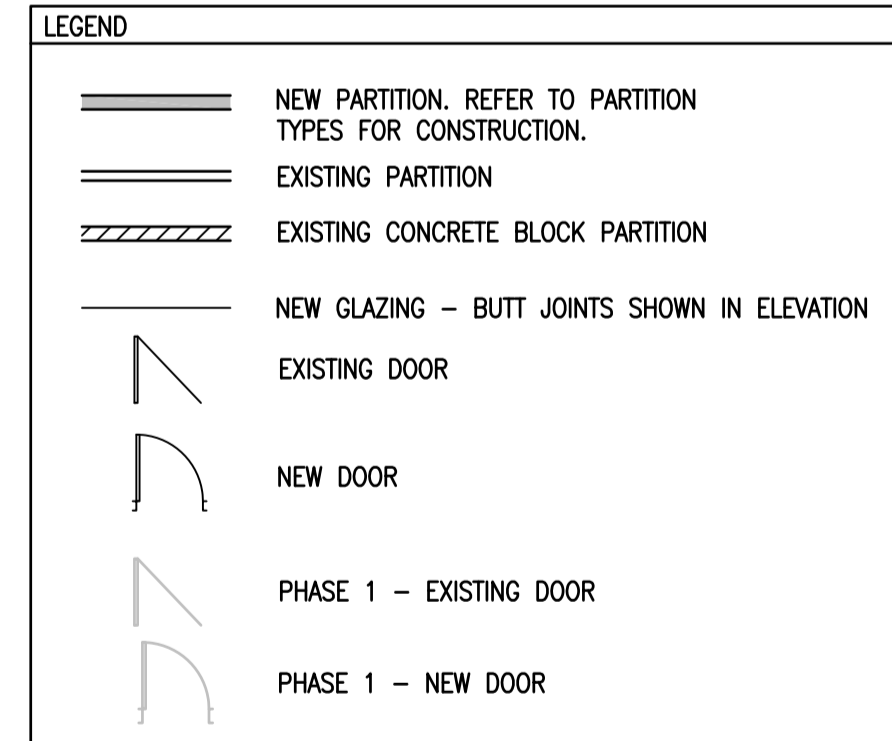


AREA OF PHASE 1 WORK - NOT INCLUDED IN CONTRACT UNLESS SPECIFICALLY NOTED

AREA OF PHASE 2 WORK

1 SECOND FLOOR PLAN EAST
A2.11 1:100

GENERAL NOTES:
 1. ROOM NUMBERING SIGNAGE WILL BE INCLUDED FOR ENTIRE BUILDING WITHIN THIS WORK.
 2. NEW DUAL ROLLER BLINDS ARE TO BE INSTALLED ON NEW AND EXISTING EXTERIOR WINDOWS WITHIN AREAS OF PHASE 2 CONSTRUCTION.
 3. CREATE AND MAINTAIN SMOKE AND FIRE RATINGS AS SHOWN ON REFLECTED CEILING PLANS.
 4. PATCH AND REPAIR EXISTING BASE BUILDING FLOOR AND WALLS FROM REMOVALS. REFER TO DEMOLITION PLANS FOR SCOPE OF REMOVALS.
 5. PROVIDE BLOCKING IN PARTITIONS WHERE MONITORS, WHITEBOARDS AND UPPER CABINETS ARE INDICATED OR OTHERWISE NOTED. CONFIRM HEIGHT OF BLOCKING FOR MONITORS WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO INSTALLATION.
 6. REFER TO FINISHES PLANS A2.18 AND INTERIOR ELEVATIONS A3.1, A3.2 AND A3.3 FOR FINISHES.
 7. WHERE EXISTING BLOCK WALLS ARE BEING LEFT EXPOSED ABOVE CEILING LEVELS; REMOVE EXCESS MORTAR FROM JOINTS, RUB SMOOTH FOR FINISHING. FILL ALL OPENINGS WHERE REMOVALS OCCUR USING BLOCK INFILL.



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Revision/Revision	Description/Description	Date/Date
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0	ISSUED FOR TENDER	2017-02-03

Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

Approved by/Approuvé par

Designed by/Concept par
VS/RP

Drawn by/Dessiné par
VS

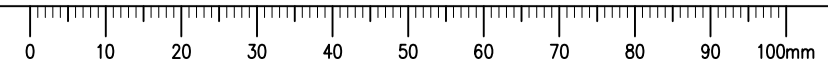
Project Manager/Administrateur de Projets
HM

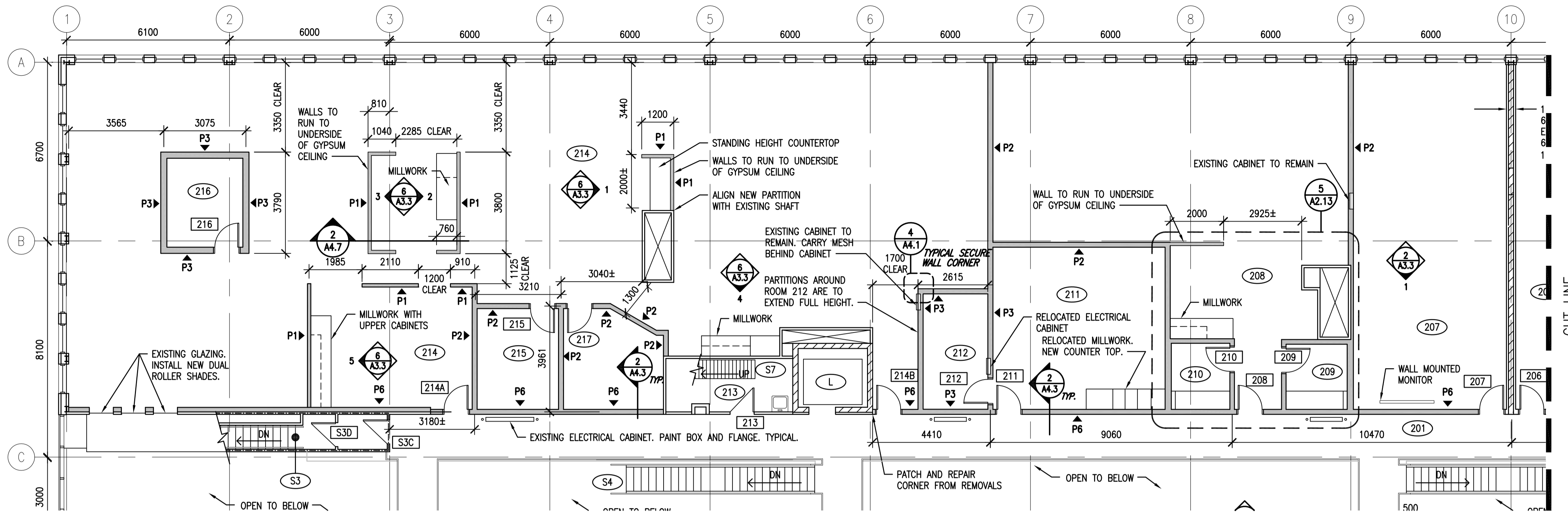
Architectural and Engineering Resources Manager/
Ressources Architecturales et de Directeur d'ingénierie

Client/client

Drawing title/Titre du dessin
SECOND FLOOR PLAN EAST

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
30/2015	A2.11	0



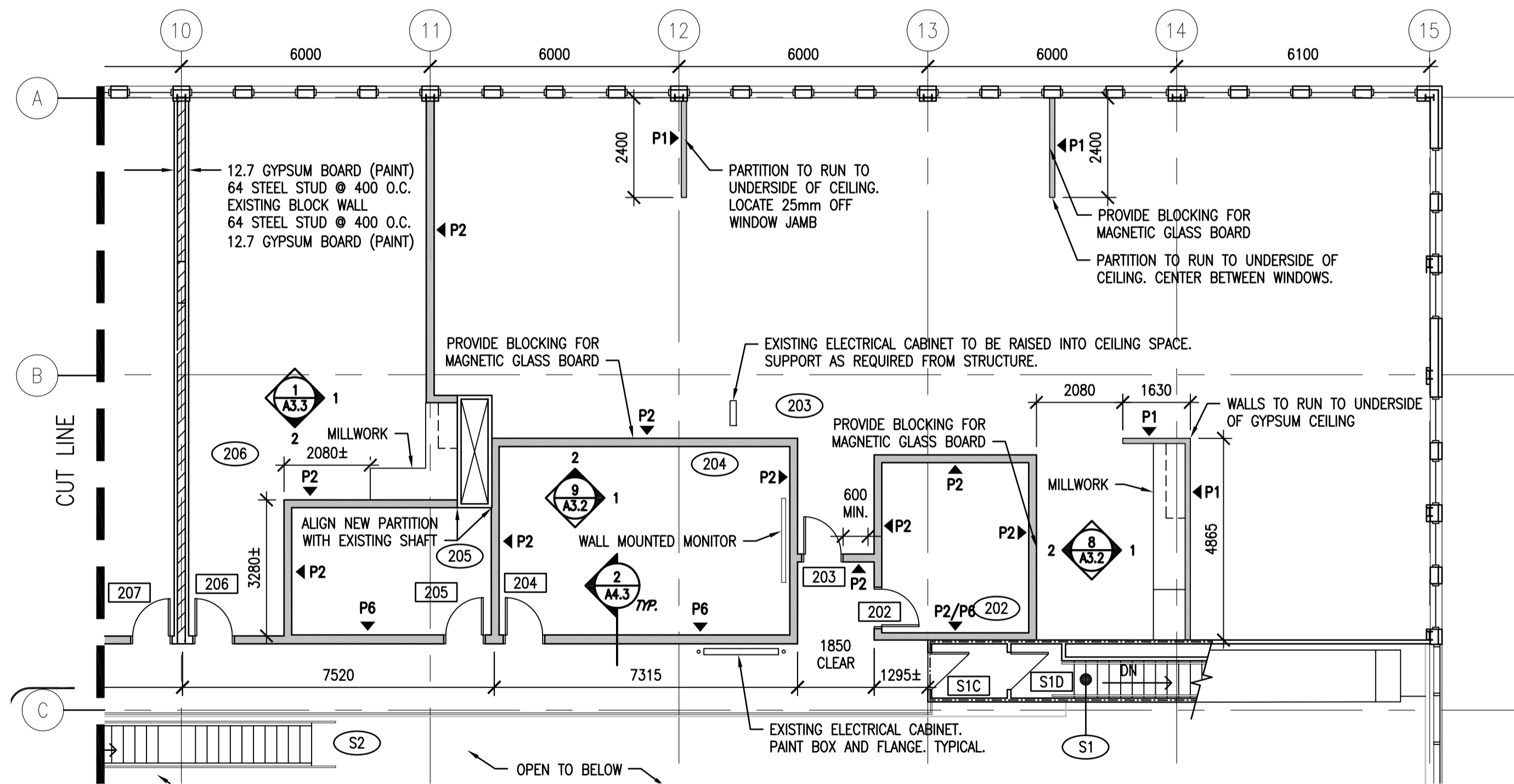


LEGEND

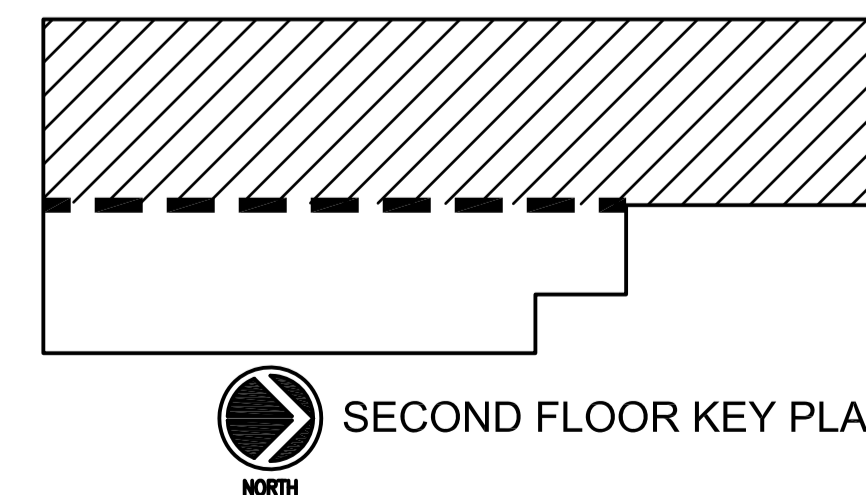
	NEW PARTITION. REFER TO PARTITION TYPES FOR CONSTRUCTION.
	EXISTING PARTITION
	EXISTING CONCRETE BLOCK PARTITION
	NEW GLAZING - BUTT JOINTS SHOWN IN ELEVATION
	EXISTING DOOR
	NEW DOOR
	PHASE 1 - EXISTING DOOR
	PHASE 1 - NEW DOOR

GENERAL NOTES:

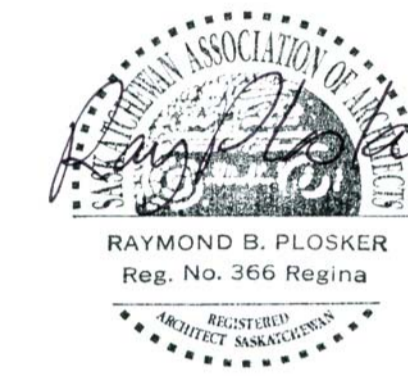
- ROOM NUMBERING SIGNAGE WILL BE INCLUDED FOR ENTIRE BUILDING WITHIN THIS WORK.
- NEW DUAL ROLLER BLINDS ARE TO BE INSTALLED ON NEW AND EXISTING EXTERIOR WINDOWS WITHIN AREAS OF PHASE 2 CONSTRUCTION.
- CREATE AND MAINTAIN SMOKE AND FIRE RATINGS AS SHOWN ON REFLECTED CEILING PLANS.
- PATCH AND REPAIR EXISTING BASE BUILDING FLOOR AND WALLS FROM REMOVALS. REFER TO DEMOLITION PLANS FOR SCOPE OF REMOVALS.
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- REFER TO FINISHES PLANS A2.18 AND INTERIOR ELEVATIONS A3.1, A3.2 AND A3.3 FOR FINISHES.
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1 SECOND FLOOR PLAN WEST
A2.12 1:100



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100-3725 Praeger Street, Regina, SK S4S 0R8 tel: (306) 588-2525
100-3718 Prairie Place, Saskatoon, SK S7N 0A6 tel: (306) 662-6407
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0	ISSUED FOR TENDER	2017-02-03

Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

Approved by/Approuvé par

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VS/RP

Drawn by/Dessiné par
VS

Project Manager/Administrateur de Projets
HM

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

Client/client

Drawing title/Titre du dessin

SECOND FLOOR PLAN WEST

Project No./No. du projet

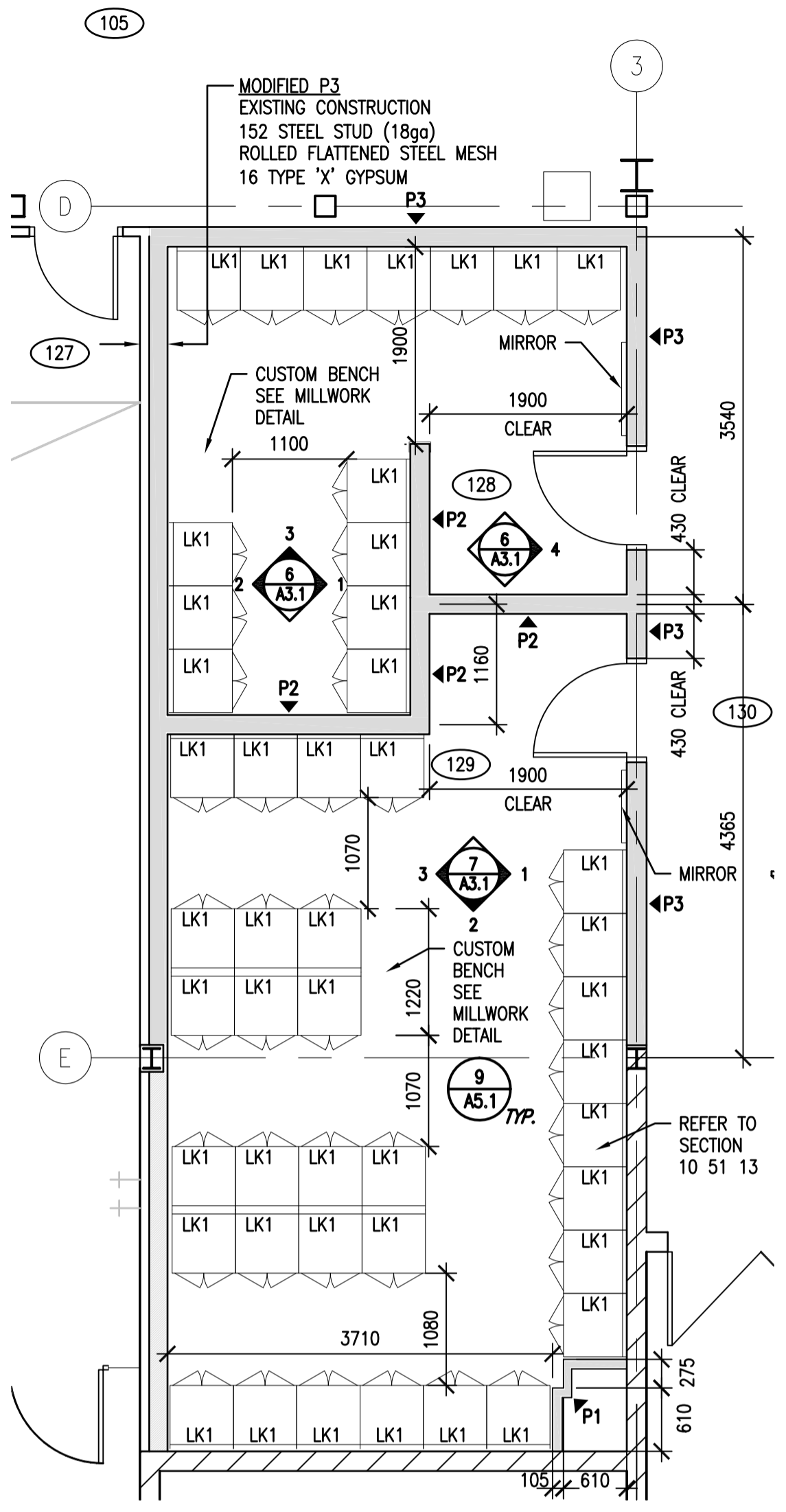
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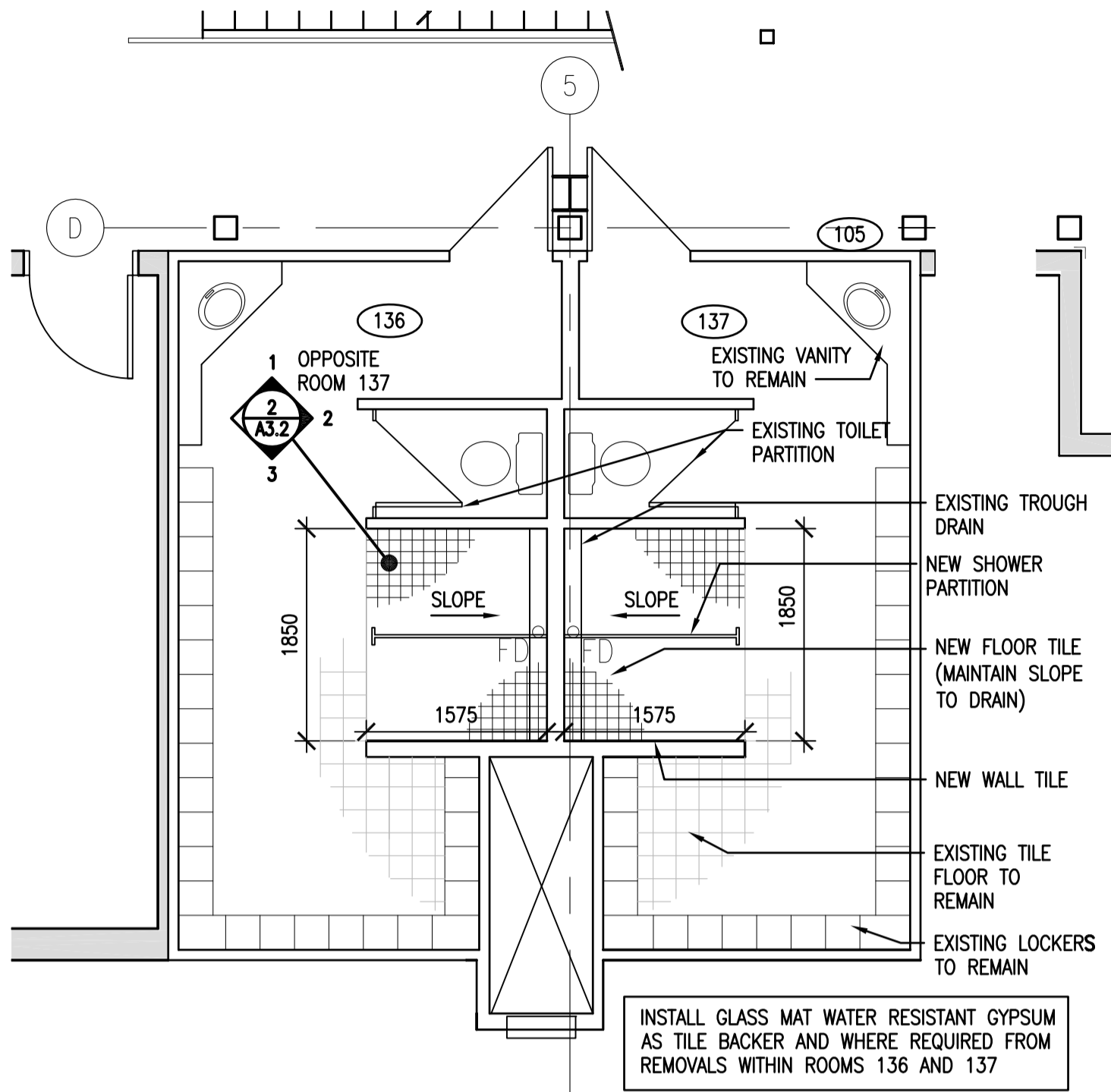
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Revision no./
La Révision no.

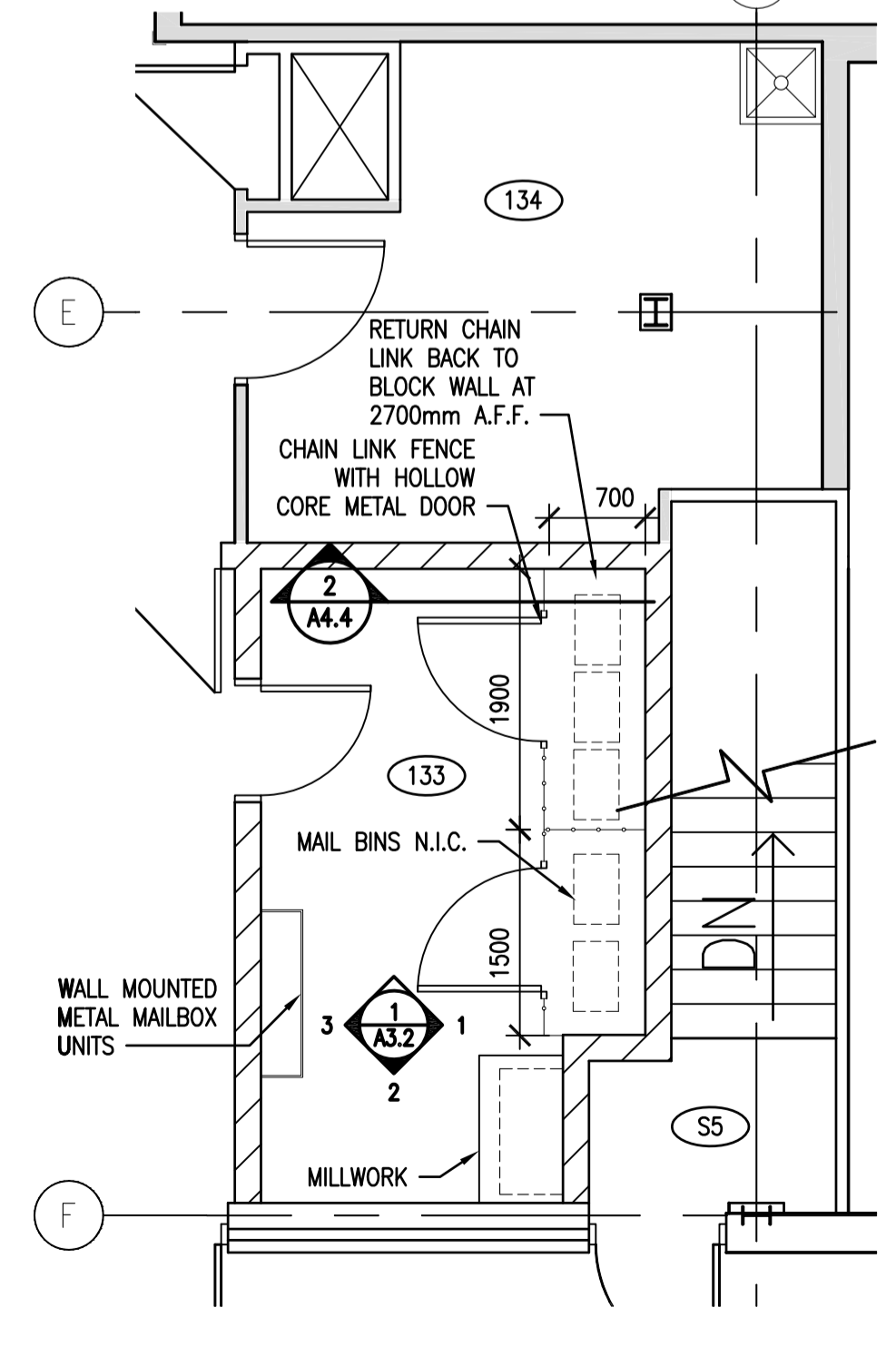
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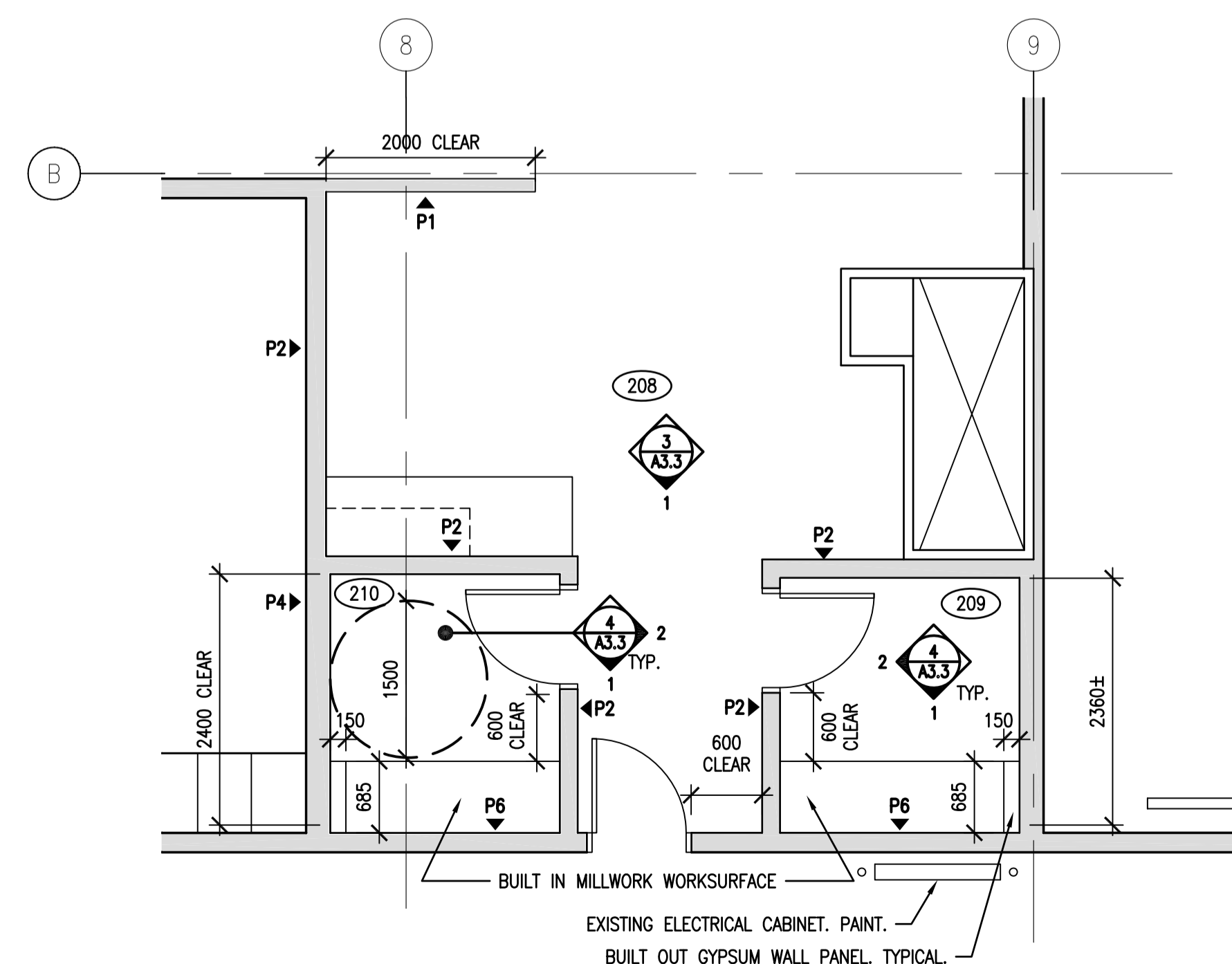
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A2.9 1:50



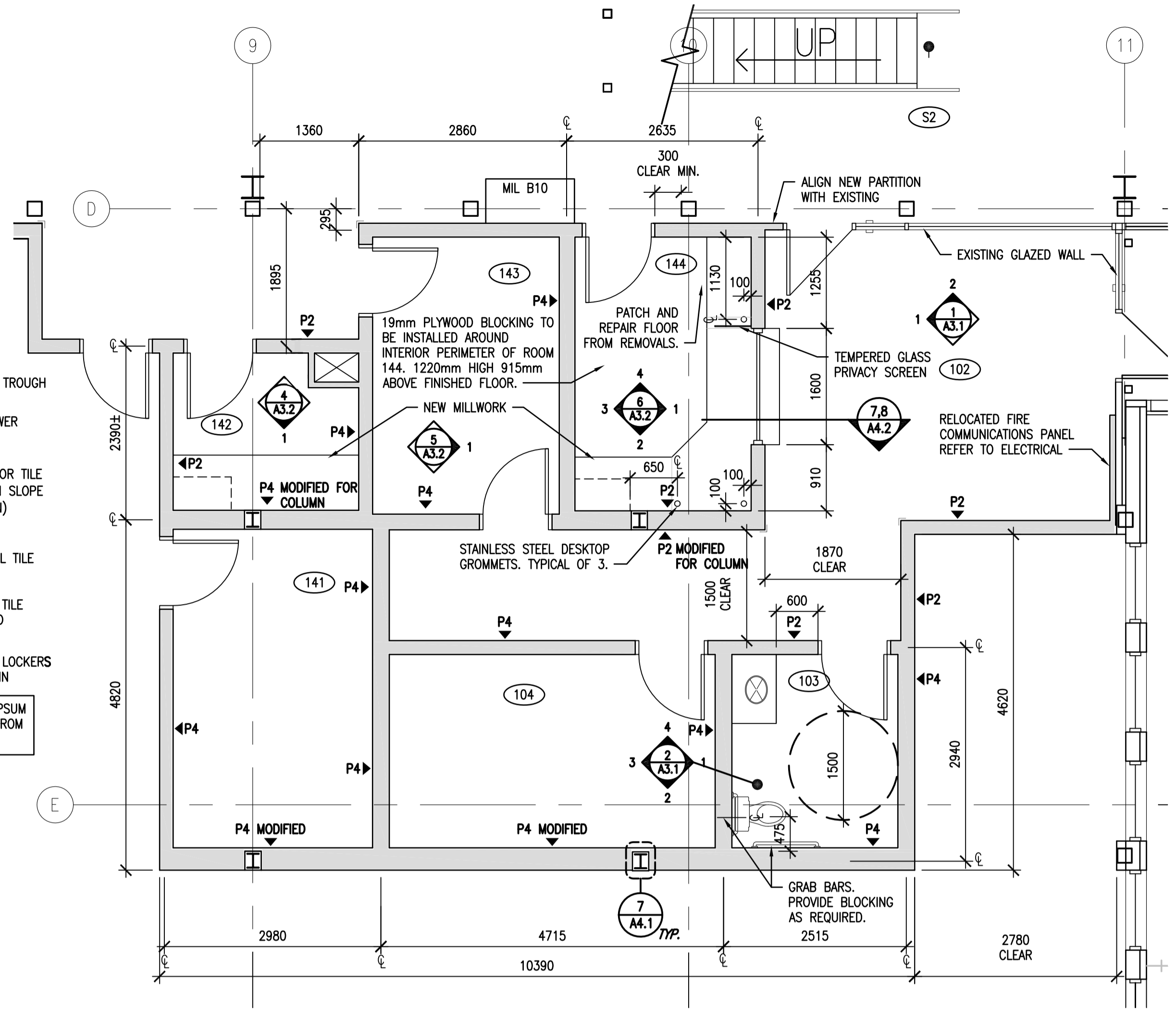
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A2.9 1:50



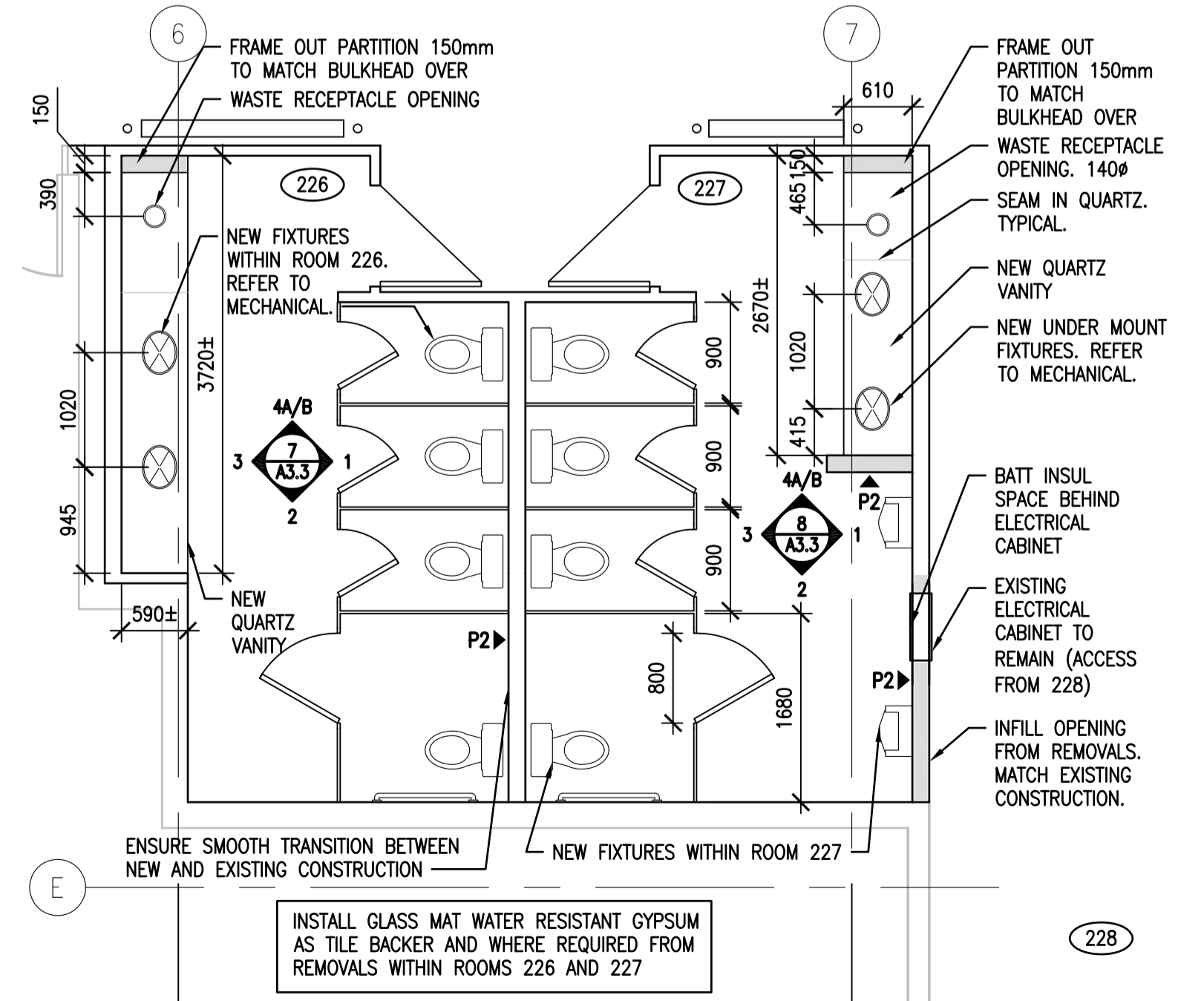
4 ROOM 133 & 134
A2.12 1:50



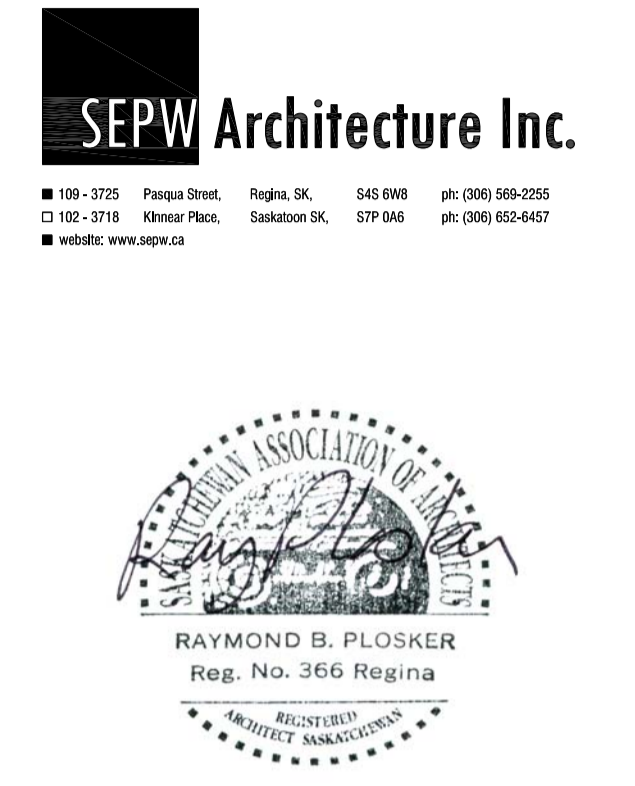
5 ROOMS 208, 209, 210
A2.12 1:50



3 ROOMS 102-104 & 141-144
A2.9 1:50



6 ROOMS 226 & 227
A2.11 1:50



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Revision/Revision	Description/Description	Date/Date
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0	ISSUED FOR TENDER	2017-02-03

Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par
VS/RP

Drawn by/Dessine par
VS

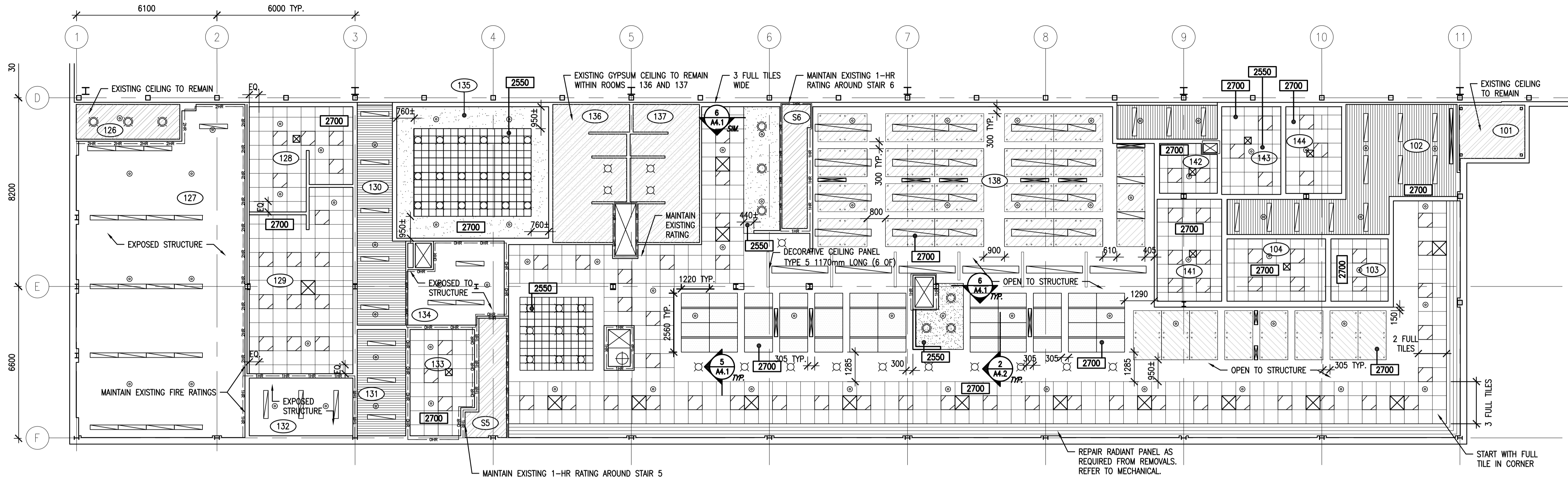
Project Manager/Administrateur de Projets
HM

Architectural and Engineering Resources Manager/
Resources Architectural et de Directeur d'ingénierie

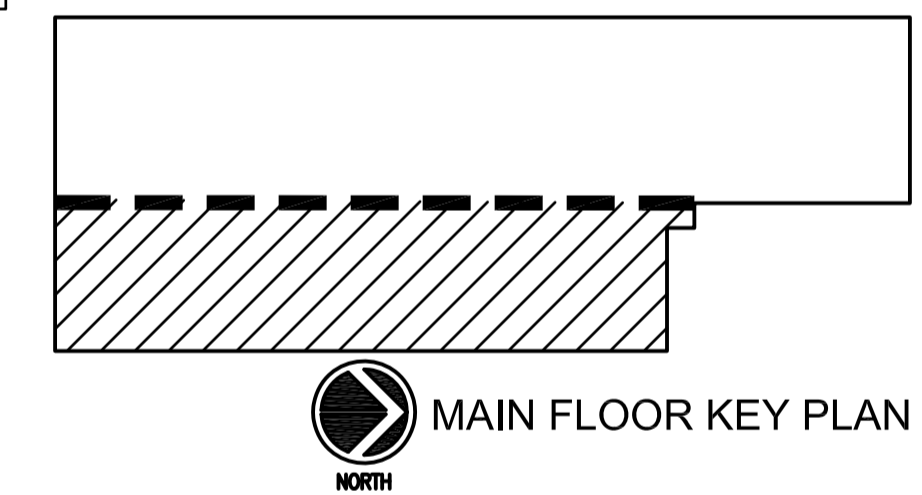
Client/client

Drawing title/Titre du dessin
LARGE SCALE PLANS

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
30/2015	A2.13	0



REFLECTED CEILING PLAN - MAIN FLOOR EAST
 1:100



LEGEND

	ACOUSTIC TILE CEILING
	EXISTING CEILING TO REMAIN
	GYPSUM BOARD CEILING
	LINEAR METAL CEILING
	DECORATIVE CEILING PANEL TYPE 1 (1220mm X 2135mm) (DCP-1)
	DECORATIVE CEILING PANEL TYPE 2 (610mm X 1220mm) (DCP-2)
	DECORATIVE CEILING PANEL TYPE 3 (610mm X 610mm) (DCP-3)
	DECORATIVE CEILING PANEL TYPE 4 (1220mm X 1220mm) (DCP-4)
	SUPPLY AIR DIFFUSERS
	RECESSED LIGHT FIXTURE
	LINEAR LIGHT FIXTURE
	SUSPENDED LIGHT FIXTURE
	POT LIGHT FIXTURE

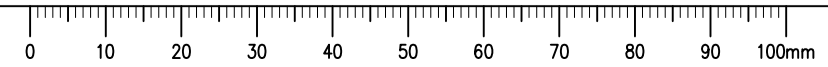
RATED PARTITION LEGEND

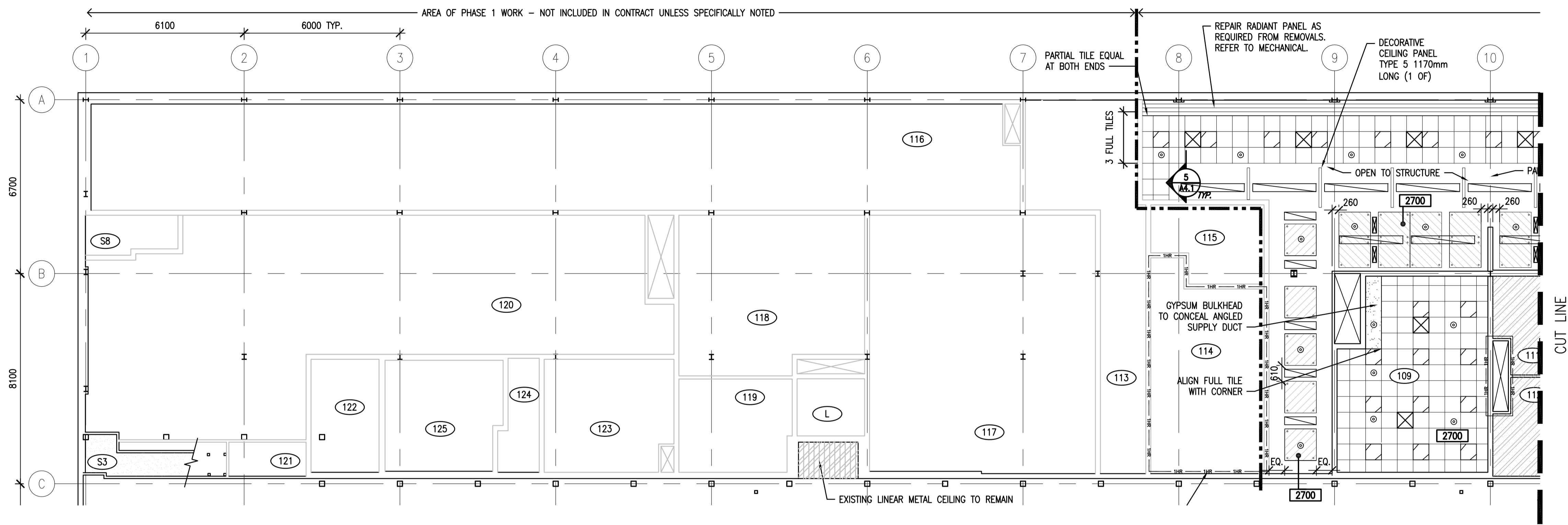
	0 HR - FIRE SEPARATION
	1 HR - FIRE SEPARATION
	2 HR - FIRE SEPARATION
	ACOUSTIC SEPARATION (REFER TO PARTITION TYPES FOR STC RATING)
	SECURE PARTITION

- GENERAL NOTES:**
- EXISTING GYPSUM COVERED HORIZONTAL DUCT SHAFTS ARE TO BE TAPPED, MUDDED AND PAINTED. REFER TO MECHANICAL FOR LOCATIONS.
 - PATCH AND REPAIR EXISTING GYPSUM CEILINGS FROM REMOVALS. PAINT.
 - CONTRACTOR TO REVIEW AND DETERMINE INTERFERENCE OF FULL HEIGHT PARTITION LOCATIONS IN RELATION TO OPEN WEB STEEL JOISTS PRIOR TO CONSTRUCTION AND INFORM DEPARTMENTAL REPRESENTATIVE.
 - OPEN WEB STEEL JOISTS ARE TO BE CLEANED AND PAINTED THROUGHOUT RENOVATED AREAS TO MATCH COLOR OF EXPOSED JOISTS IN CORRIDOR.
 - CREATE AND MAINTAIN SMOKE AND FIRE RATINGS AS SHOWN.
 - DCP-3 CEILINGS WITHIN ROOMS 229, 230, 231, 232 & 233 ARE TO BE CENTERED WITHIN THE ROOMS
 - ACOUSTIC CEILING TILE TO BE CENTERED IN ROOMS WITH EQUAL PERIMETER TILES WHERE POSSIBLE.
 - COORDINATE LOCATIONS OF MECHANICAL DIFFUSERS WITH LIGHT FIXTURES AND DECORATIVE CEILING PANELS.
 - CONDUCT PRE-INSTALLATION MEETING FOR COORDINATION OF CEILINGS, MECHANICAL AND ELECTRICAL COMPONENTS WITH DEPARTMENTAL REPRESENTATIVE.
 - SPRINKLER HEADS TO BE LOCATED IN THE CENTRE OF THE CEILING TILE.
 - EXPOSED AND SEMI EXPOSED CEILING SPACE, DUCTWORK, SPRINKLER LINES, CONDUIT, EQUIPMENT AND CONCRETE DECK IN MAIN FLOOR AREAS ARE TO BE PAINTED ABOVE FINISHED CEILINGS. ENSURE EQUIPMENT LABELS ARE REINSTATED.
 - EXPOSED AND SEMI EXPOSED CEILING SPACE, DUCTWORK, SPRINKLER LINES, CONDUIT AND EQUIPMENT IN SECOND FLOOR AREAS ARE TO BE PAINTED ABOVE FINISHED CEILINGS. PROTECT METAL DECK AND OPEN WEB STEEL JOISTS. ENSURE EQUIPMENT LABELS ARE REINSTATED.

DO NOT SCALE DRAWINGS

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Revision/	Description/Description	Date/Date
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Client/client		
Project title/Titre du projet	INTERIOR FIT-UP PHASE II REGINA, SASKATCHEWAN	
Approved by/Approve par	VS/RP	
Designed by/Concept par	VS	
Drawn by/Dessine par	HM	
Project Manager/Administrateur de Projets	HM	
Architectural and Engineering Resources Manager/ Ressources Architecturales et de Directeur d'ingénierie	HM	
Client/client		
Drawing title/Titre du dessin	REFLECTED CEILING PLAN MAIN FLOOR EAST	
Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	A2.14	0





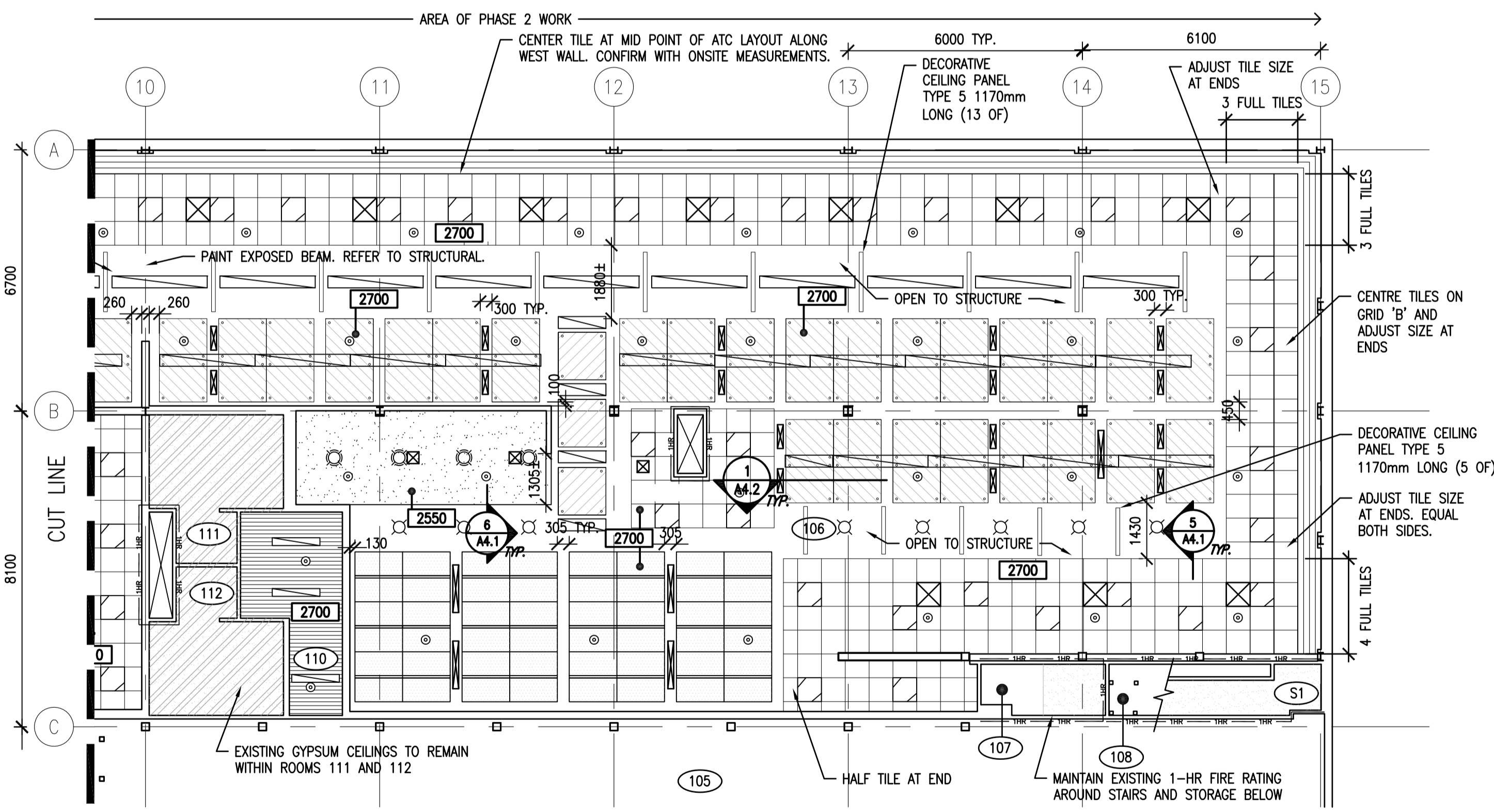
LEGEND

	ACOUSTIC TILE CEILING
	EXISTING CEILING TO REMAIN
	GYPHUM BOARD CEILING
	LINEAR METAL CEILING
	DECORATIVE CEILING PANEL TYPE 1 (1220mm X 2135mm) (DCP-1)
	DECORATIVE CEILING PANEL TYPE 2 (610mm X 1220mm) (DCP-2)
	DECORATIVE CEILING PANEL TYPE 3 (610mm X 610mm) (DCP-3)
	DECORATIVE CEILING PANEL TYPE 4 (1220mm X 1220mm) (DCP-4)
	SUPPLY AIR DIFFUSERS
	RECESSED LIGHT FIXTURE
	LINEAR LIGHT FIXTURE
	SUSPENDED LIGHT FIXTURE
	POT LIGHT FIXTURE

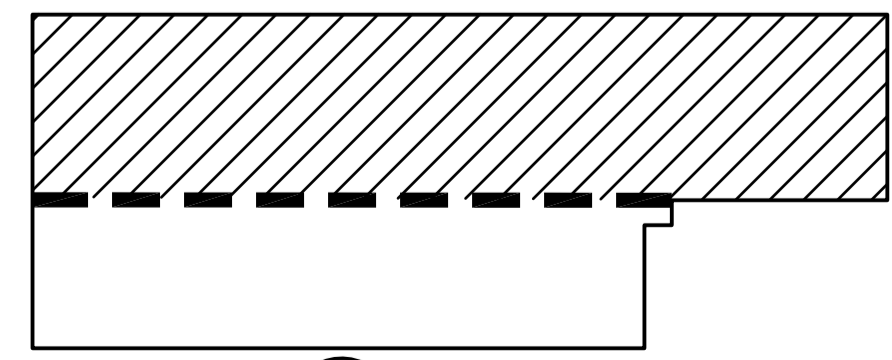
RATED PARTITION LEGEND

	0 HR - FIRE SEPARATION
	1 HR - FIRE SEPARATION
	2 HR - FIRE SEPARATION
	ACOUSTIC SEPARATION (REFER TO PARTITION TYPES FOR STC RATING)
	SECURE PARTITION

- GENERAL NOTES:**
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 - OPEN WEB STEEL JOISTS ARE TO BE CLEANED AND PAINTED THROUGHOUT RENOVATED AREAS TO MATCH COLOR OF EXPOSED JOISTS IN CORRIDOR.
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 - EXPOSED AND SEMI EXPOSED CEILING SPACE, DUCTWORK, SPRINKLER LINES, CONDUIT AND EQUIPMENT IN SECOND FLOOR AREAS ARE TO BE PAINTED ABOVE FINISHED CEILINGS. PROTECT METAL DECK AND OPEN WEB STEEL JOISTS. ENSURE EQUIPMENT LABELS ARE REINSTATED.



1 REFLECTED CEILING PLAN - MAIN FLOOR WEST
A2.15 1:100



MAIN FLOOR KEY PLAN



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Revision/	Description/Description	Date/Date
Client/client		

Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par

VS/RP

Drawn by/Dessine par

VS

Project Manager/Administrateur de Projets

HM

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

Client/client

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**REFLECTED CEILING PLAN
MAIN FLOOR WEST**

Project No./No. du projet

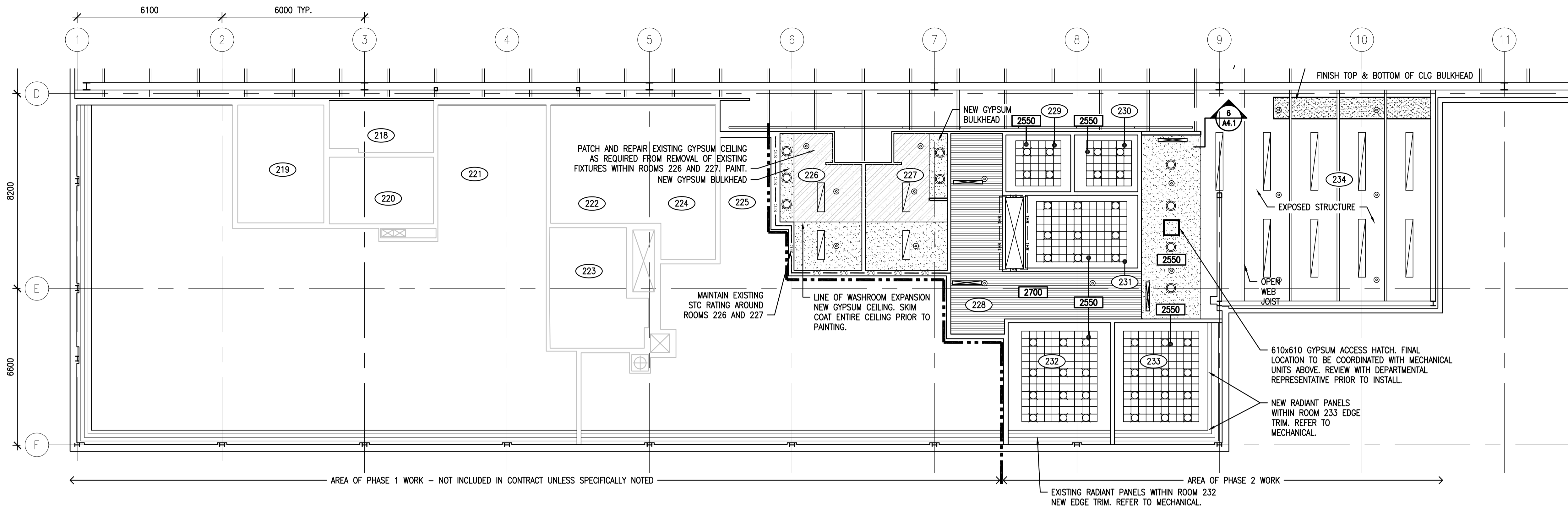
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Revision no./
La Révision no.

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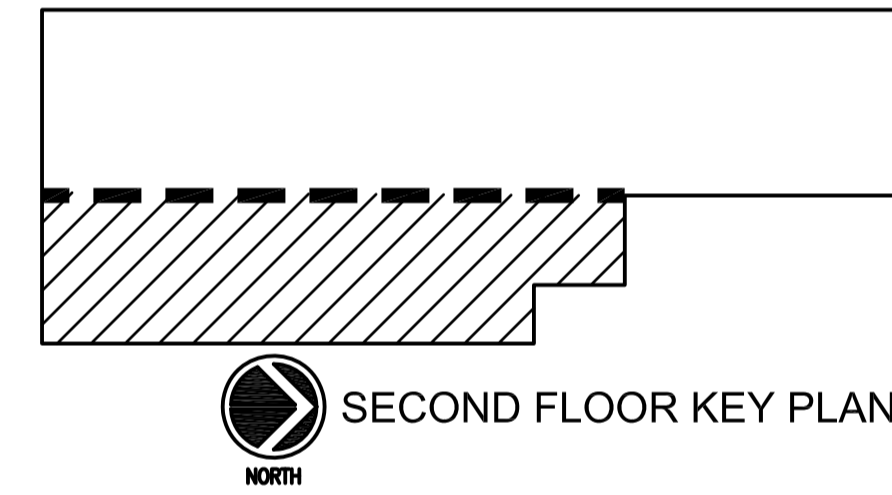
LEGEND	
	ACOUSTIC TILE CEILING
	EXISTING CEILING TO REMAIN
	GYPSUM BOARD CEILING
	LINEAR METAL CEILING
	DECORATIVE CEILING PANEL TYPE 1 (1220mm X 2135mm) (DCP-1)
	DECORATIVE CEILING PANEL TYPE 2 (610mm X 1220mm) (DCP-2)
	DECORATIVE CEILING PANEL TYPE 3 (610mm X 610mm) (DCP-3)
	DECORATIVE CEILING PANEL TYPE 4 (1220mm X 1220mm) (DCP-4)
	SUPPLY AIR DIFFUSERS
	RECESSED LIGHT FIXTURE
	LINEAR LIGHT FIXTURE
	SUSPENDED LIGHT FIXTURE
	POT LIGHT FIXTURE

RATED PARTITION LEGEND	
	0 HR - FIRE SEPARATION
	1 HR - FIRE SEPARATION
	2 HR - FIRE SEPARATION
	ACOUSTIC SEPARATION (REFER TO PARTITION TYPES FOR STC RATINGS)
	SECURE PARTITION

GENERAL NOTES:

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1 A2.16 REFLECTED CEILING PLAN - SECOND FLOOR EAST 1:100



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1		
0	ISSUED FOR TENDER	2017-02-03

Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approuvé par

Designed by/Concept par
VS/RP

Drawn by/Dessiné par
VS

Project Manager/Administrateur de Projets
HM

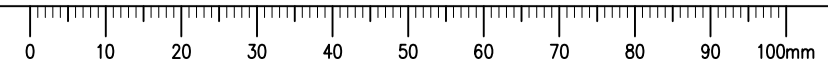
Architectural and Engineering Resources Manager/
 Ressources Architecturales et de Directeur d'ingénierie

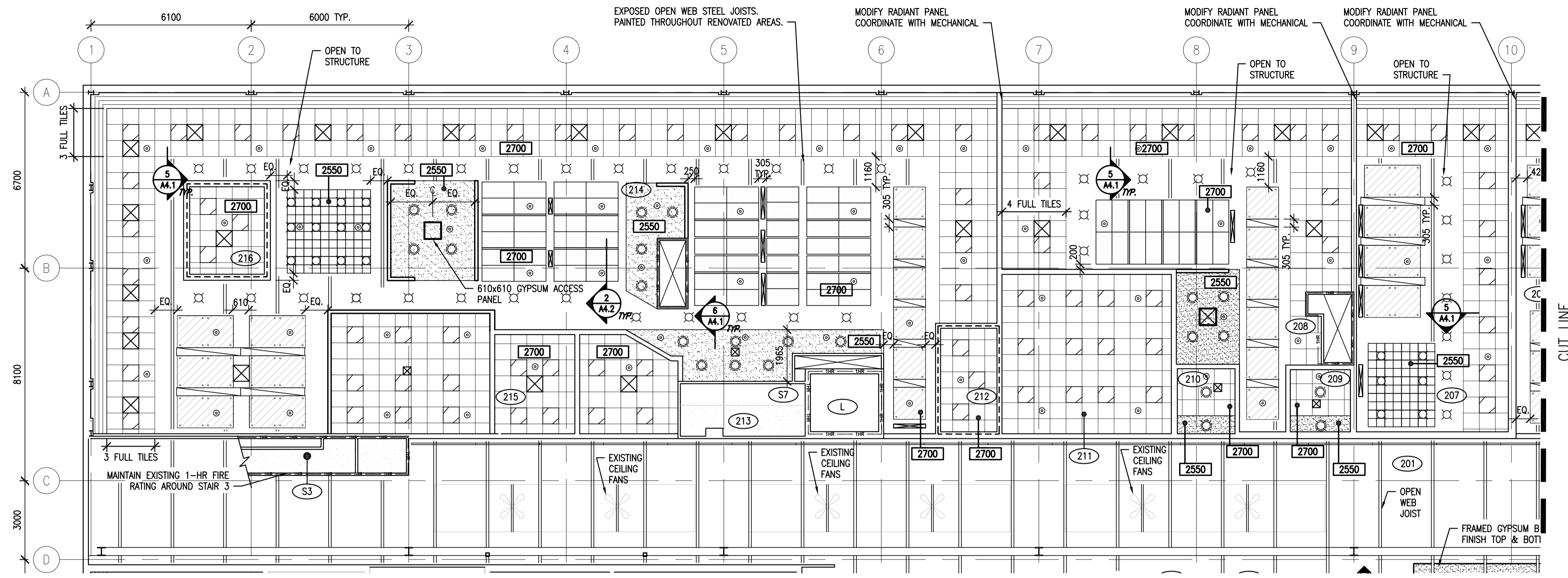
Client/client

Drawing title/Titre du dessin

**REFLECTED CEILING PLAN
 SECOND FLOOR EAST**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
30/2015	A2.16	0





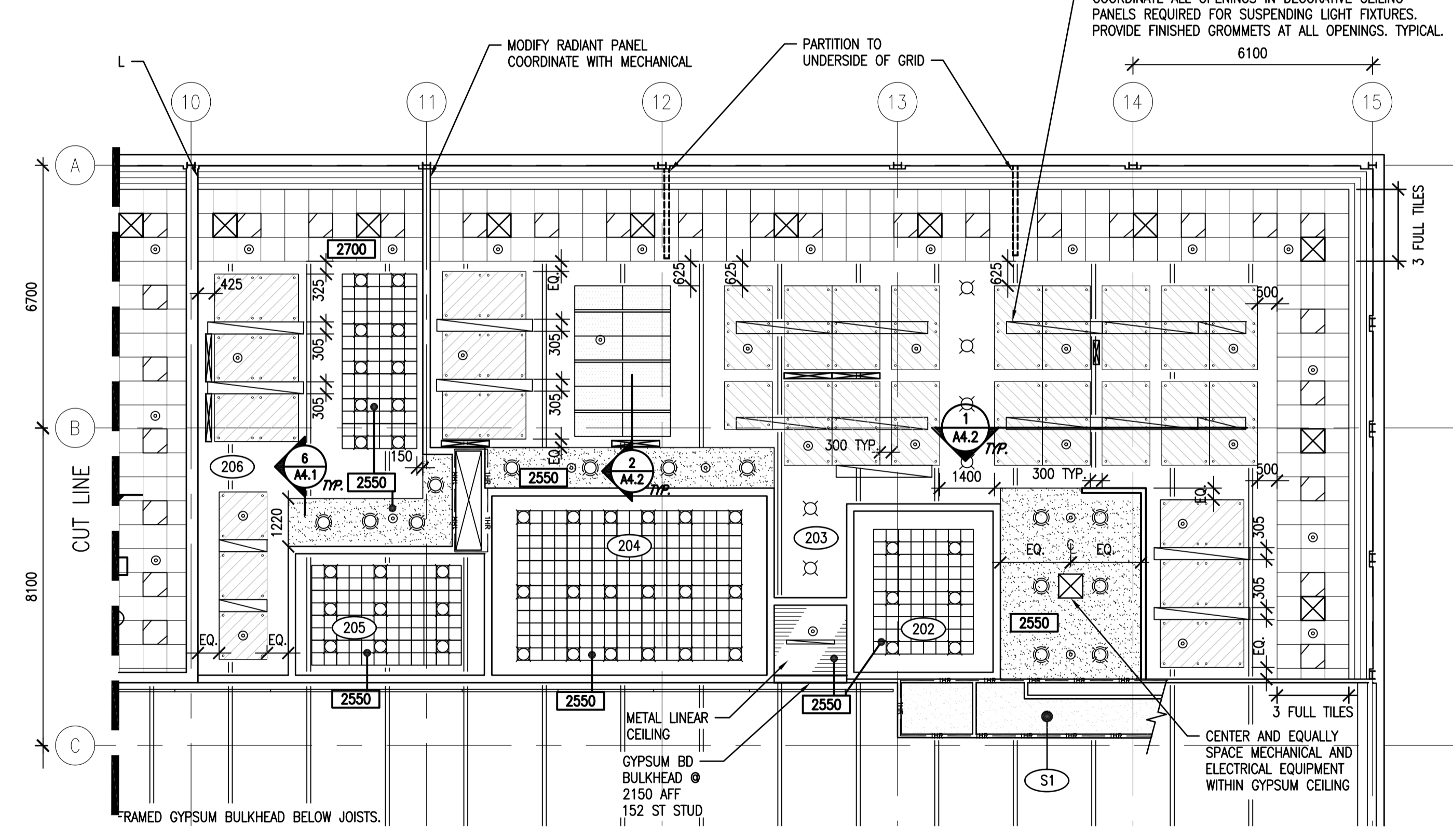
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	EXISTING CEILING TO REMAIN
	GYPSUM BOARD CEILING
	LINEAR METAL CEILING
	DECORATIVE CEILING PANEL TYPE 1 (1220mm X 2135mm) (DCP-1)
	DECORATIVE CEILING PANEL TYPE 2 (610mm X 1220mm) (DCP-2)
	DECORATIVE CEILING PANEL TYPE 3 (610mm X 610mm) (DCP-3)
	DECORATIVE CEILING PANEL TYPE 4 (1220mm X 1220mm) (DCP-4)
	SUPPLY AIR DIFFUSERS
	RECESSED LIGHT FIXTURE
	LINEAR LIGHT FIXTURE
	SUSPENDED LIGHT FIXTURE
	POT LIGHT FIXTURE

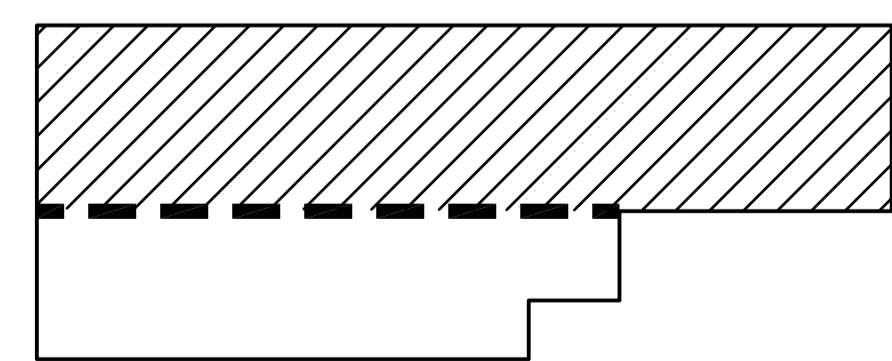
RATED PARTITION LEGEND

	0 HR - FIRE SEPARATION
	1 HR - FIRE SEPARATION
	2 HR - FIRE SEPARATION
	ACOUSTIC SEPARATION (REFER TO PARTITION TYPES FOR STC RATING)
	SECURE PARTITION

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 - DCP-3 CEILINGS WITHIN ROOMS 229, 230, 231, 232 & 233 ARE TO BE CENTERED WITHIN THE ROOMS
 - ACOUSTIC CEILING TILE TO BE CENTERED IN ROOMS WITH EQUAL PERIMETER TILES WHERE POSSIBLE.
 - COORDINATE LOCATIONS OF MECHANICAL DIFFUSERS WITH LIGHT FIXTURES AND DECORATIVE CEILING PANELS.
 - CONDUCT PRE-INSTALLATION MEETING FOR COORDINATION OF CEILINGS, MECHANICAL AND ELECTRICAL COMPONENTS WITH DEPARTMENTAL REPRESENTATIVE.
 - SPRINKLER HEADS TO BE LOCATED IN THE CENTRE OF THE CEILING TILE.
 - EXPOSED AND SEMI EXPOSED CEILING SPACE, DUCTWORK, SPRINKLER LINES, CONDUIT, EQUIPMENT AND CONCRETE DECK IN MAIN FLOOR AREAS ARE TO BE PAINTED ABOVE FINISHED CEILINGS. ENSURE EQUIPMENT LABELS ARE REINSTATED.
 - EXPOSED AND SEMI EXPOSED CEILING SPACE, DUCTWORK, SPRINKLER LINES, CONDUIT AND EQUIPMENT IN SECOND FLOOR AREAS ARE TO BE PAINTED ABOVE FINISHED CEILINGS. PROTECT METAL DECK AND OPEN WEB STEEL JOISTS. ENSURE EQUIPMENT LABELS ARE REINSTATED.

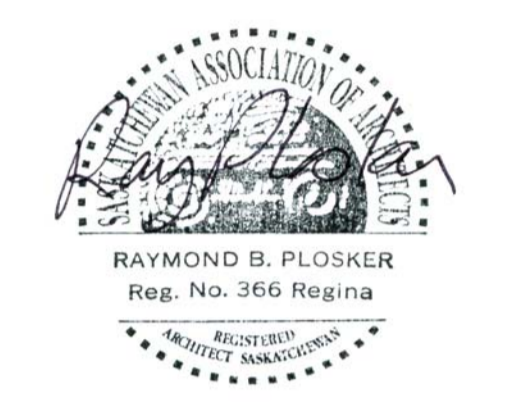


REFLECTED CEILING PLAN - SECOND FLOOR WEST
 1:100
 NORTH



SECOND FLOOR KEY PLAN
 NORTH

SEPW Architecture Inc.
 100-3725 Praeger Street, Regina, SK S4S 0R8 tel: (306) 588-2525
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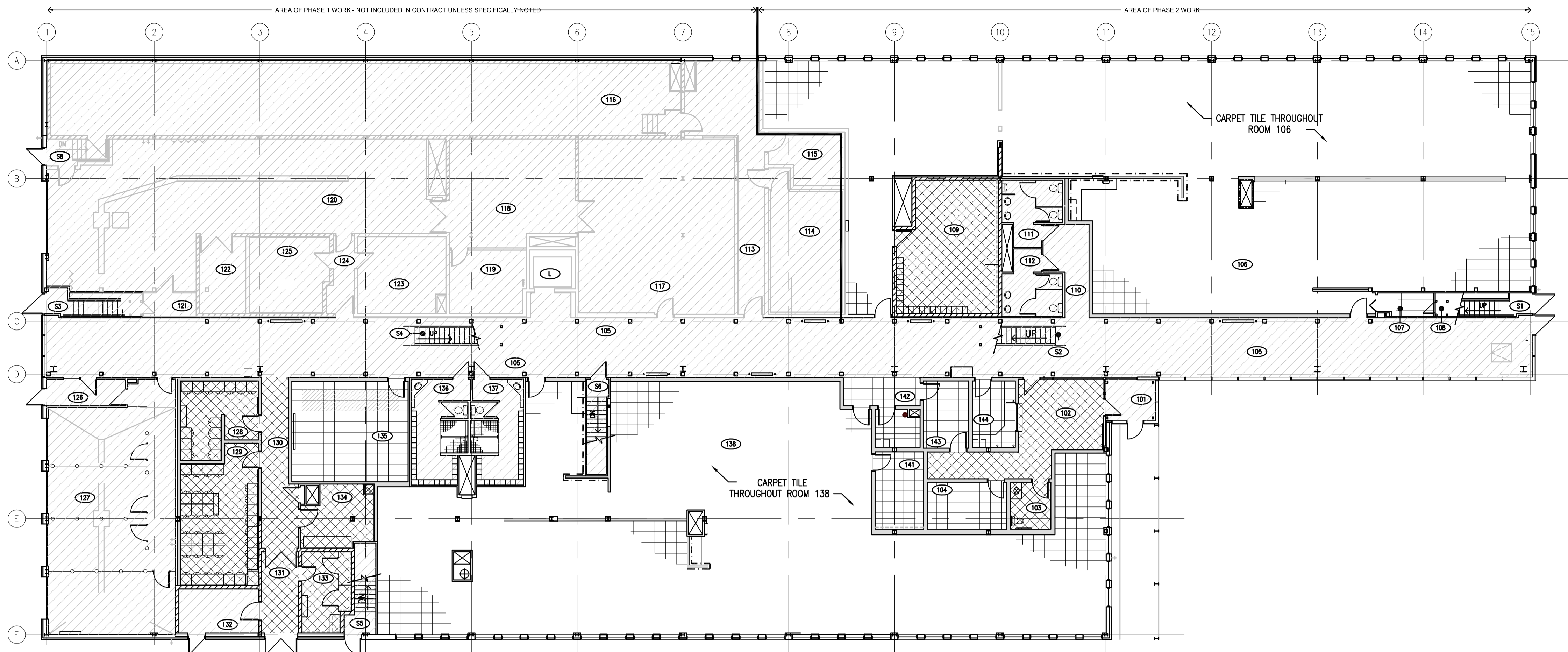
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0	ISSUED FOR TENDER	2017-02-03
Revision/Revision	Description/Description	Date/Date
Client/client		

Project title/Titre du projet
INTERIOR FIT-UP PHASE II REGINA, SASKATCHEWAN

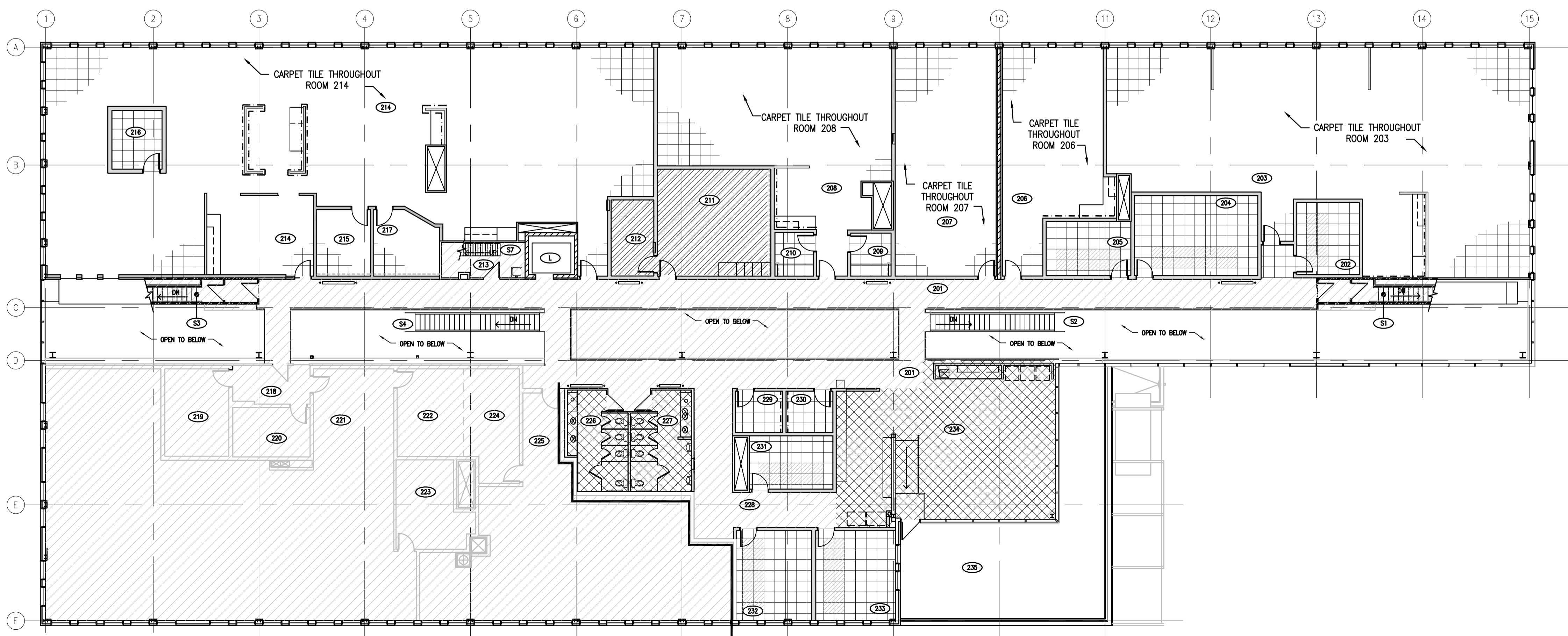
Approved by/Approve par
 Designed by/Concept par
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 Drawn by/Dessine par
VS
 Project Manager/Administrateur de Projets
HM
 Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie
 Client/client

Drawing title/Titre du dessin
REFLECTED CEILING PLAN SECOND FLOOR WEST

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
30/2015	A2.17	0



1 MAIN FLOOR FINISHES PLAN
A2.18 1:150



2 SECOND FLOOR FINISHES PLAN
A2.18 1:150

LEGEND

- CARPET TILE
- ACCENT CARPET TILE
- POLISHED CONCRETE
- STATIC DISSIPATIVE TILE
- MOSAIC FLOOR TILE
- EXISTING TO REMAIN
- ACCENT WALL COLOR PT-2
- ACCENT WALL COLOR PT-3

SEPW Architecture Inc.
 100 - 3725 Piquette Street, Regina, SK S4S 0N8 ph: (306) 588-2525
 100 - 3718 Ottawa Place, Saskatoon, SK S7N 0A6 ph: (306) 662-6407
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0	ISSUED FOR TENDER	2017-02-03

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**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

Approved by/Approuvé par

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Project Manager/Administrateur de Projets
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Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie

Client/client

Drawing title/Titre du dessin

FINISHES PLAN

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	A2.18	0



REFER TO DRAWINGS A5.1 AND A5.2 FOR MILLWORK DETAILS

DO NOT SCALE DRAWINGS

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0	ISSUED FOR TENDER	2017-02-03
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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par

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HM

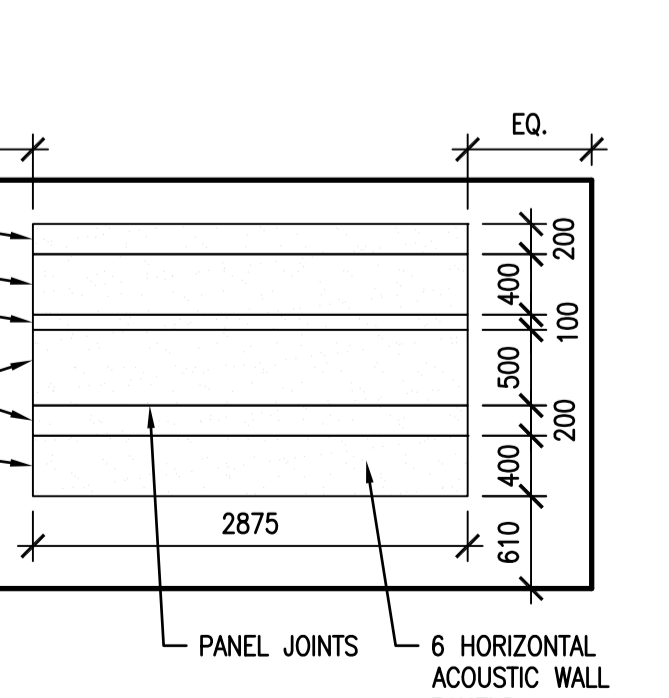
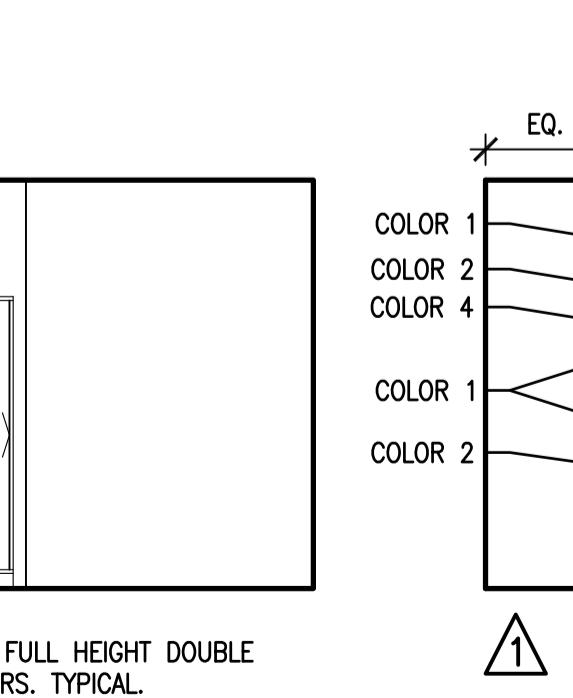
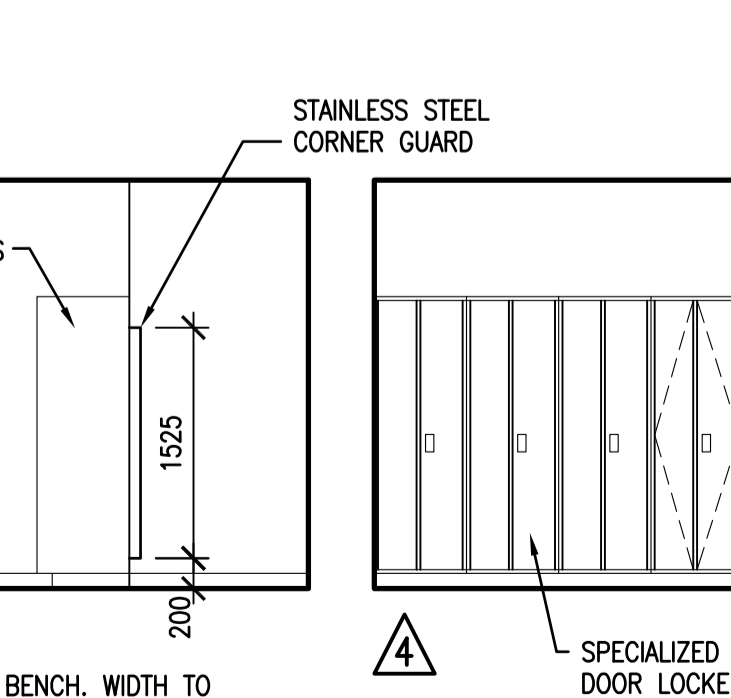
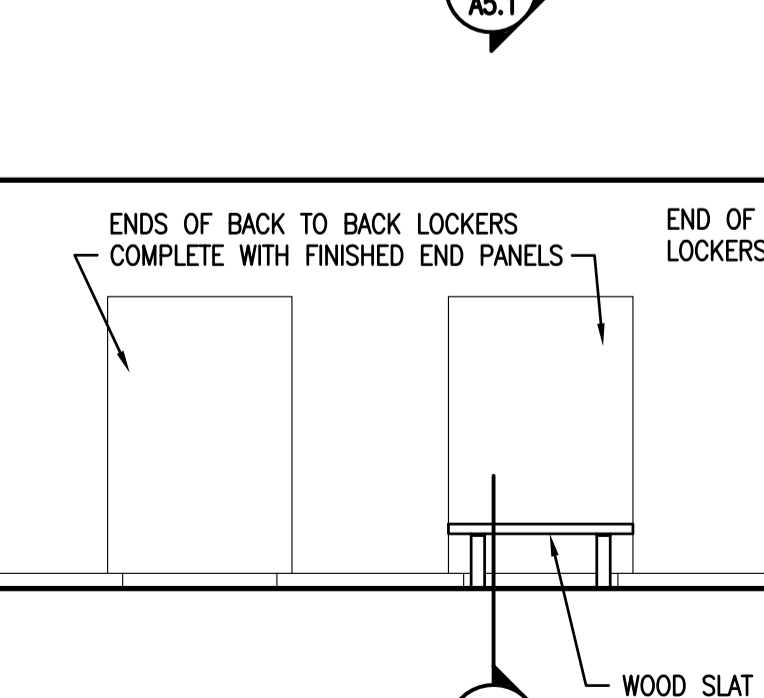
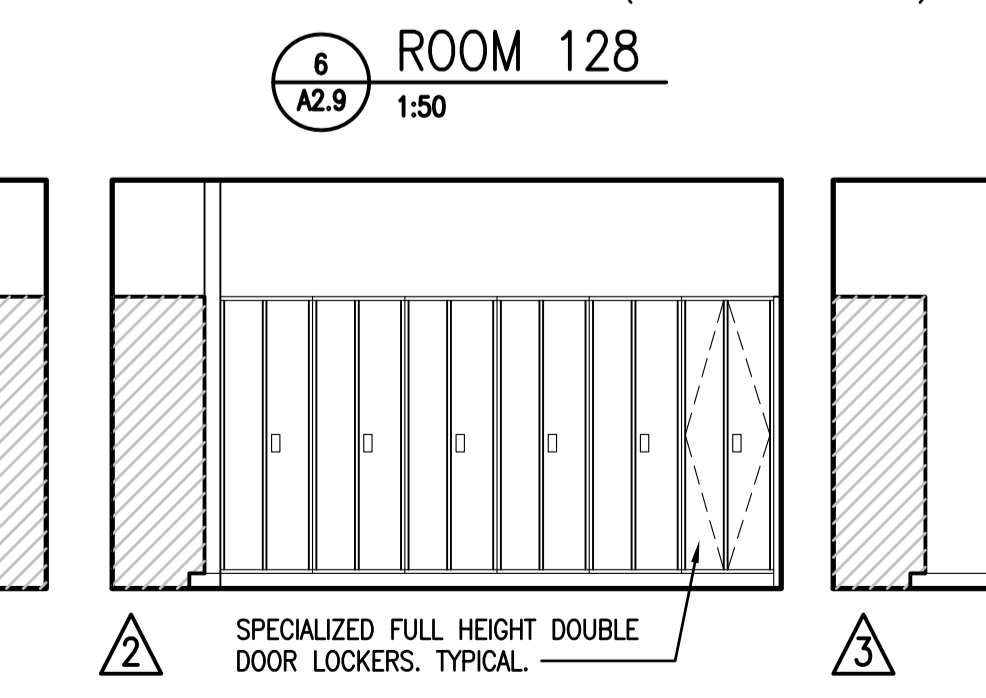
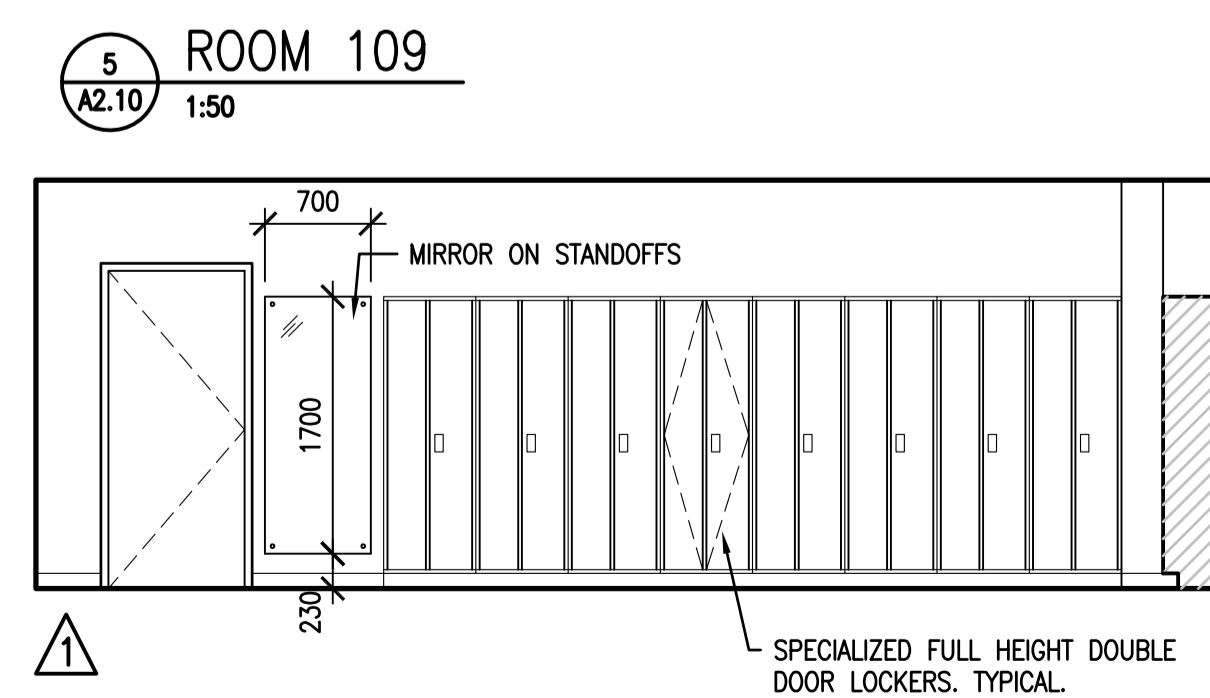
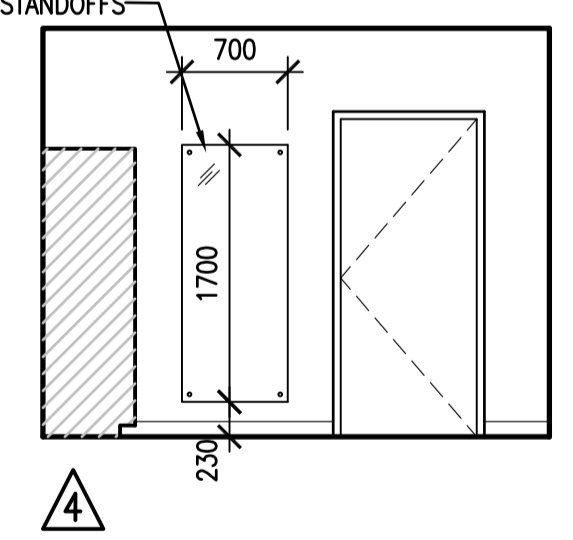
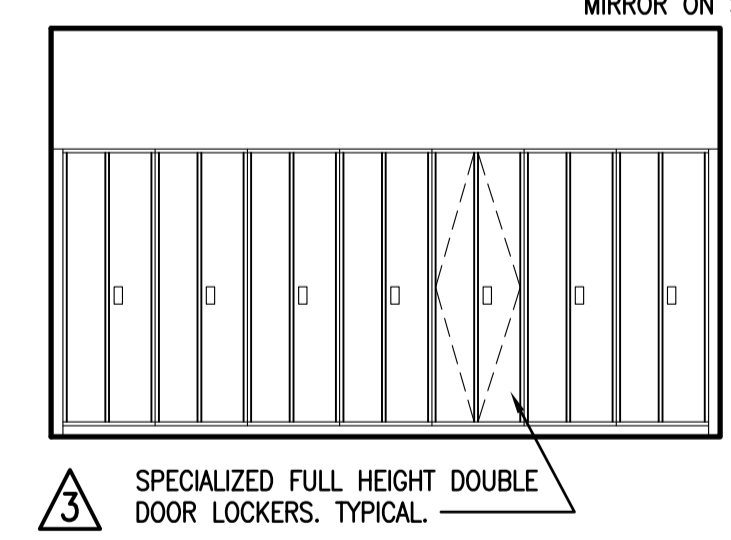
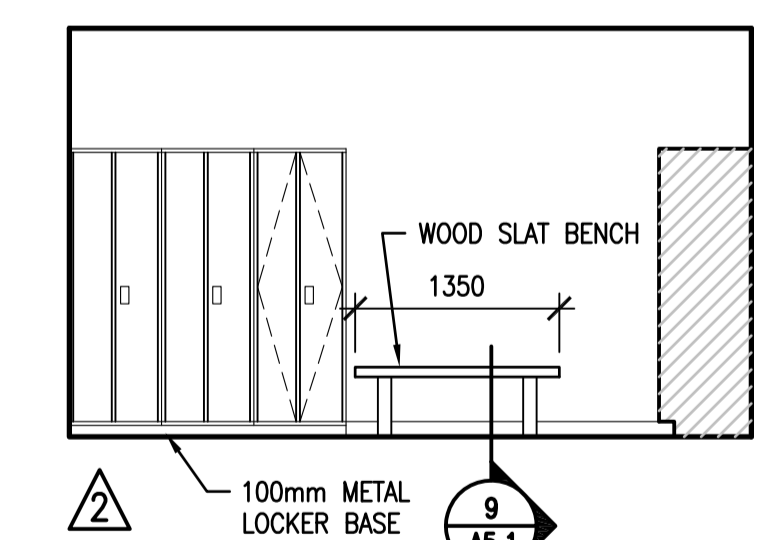
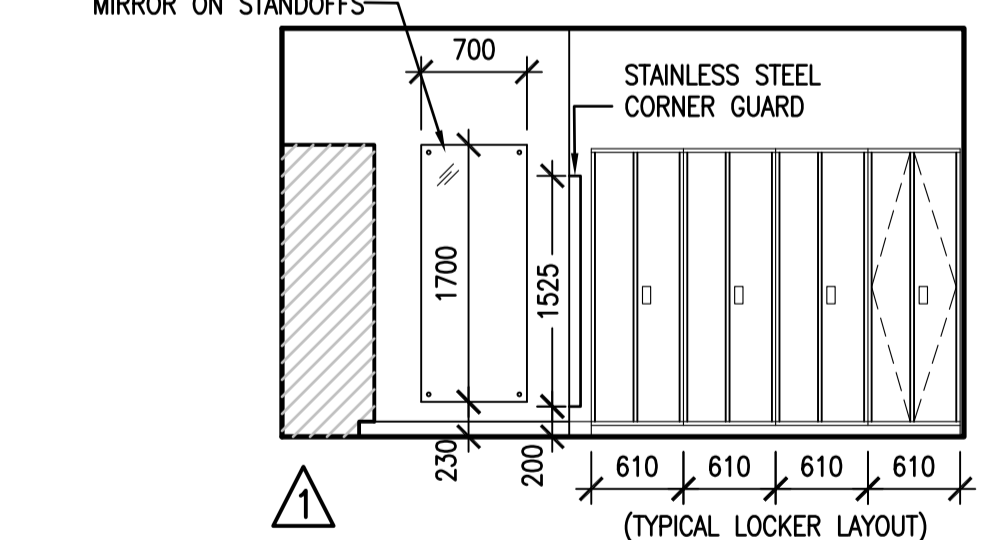
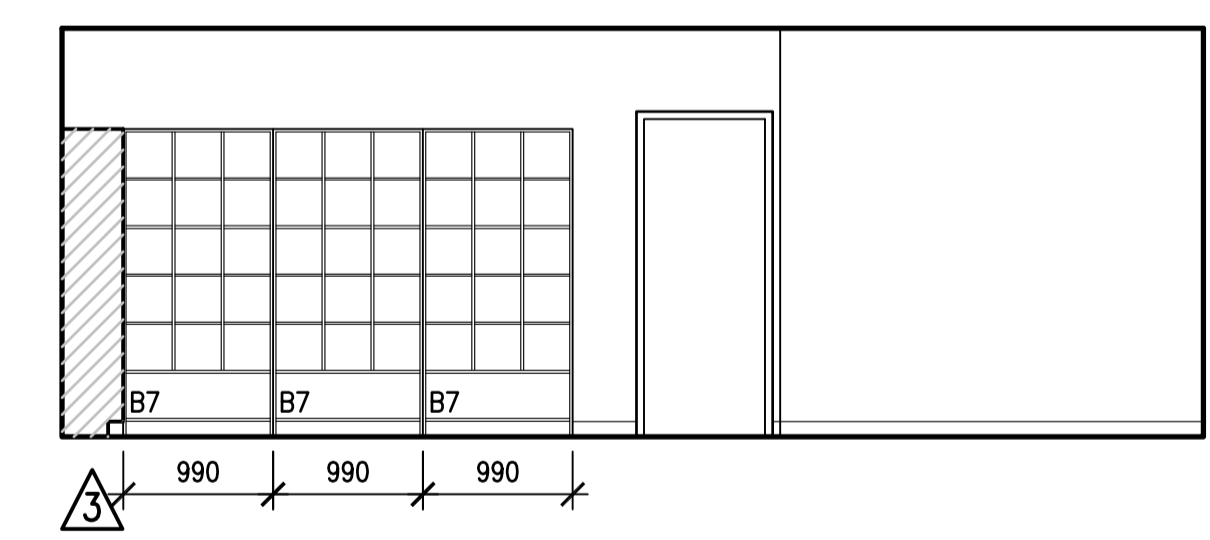
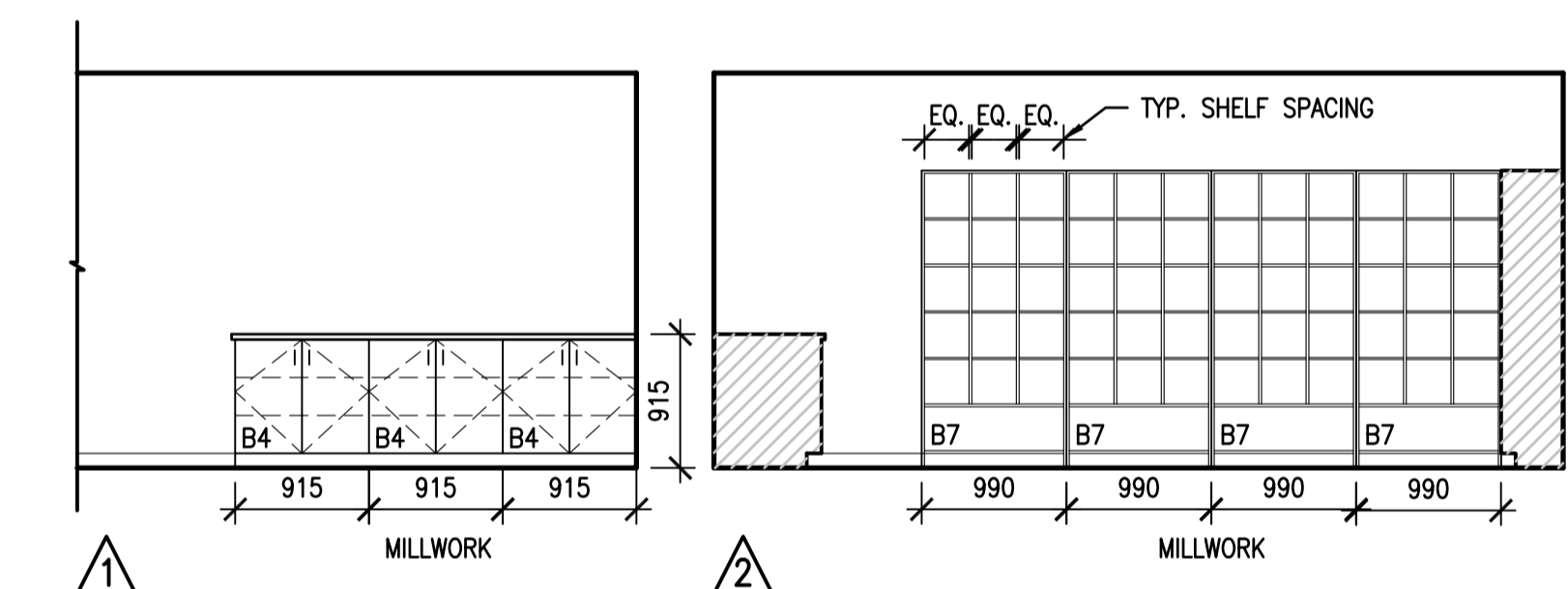
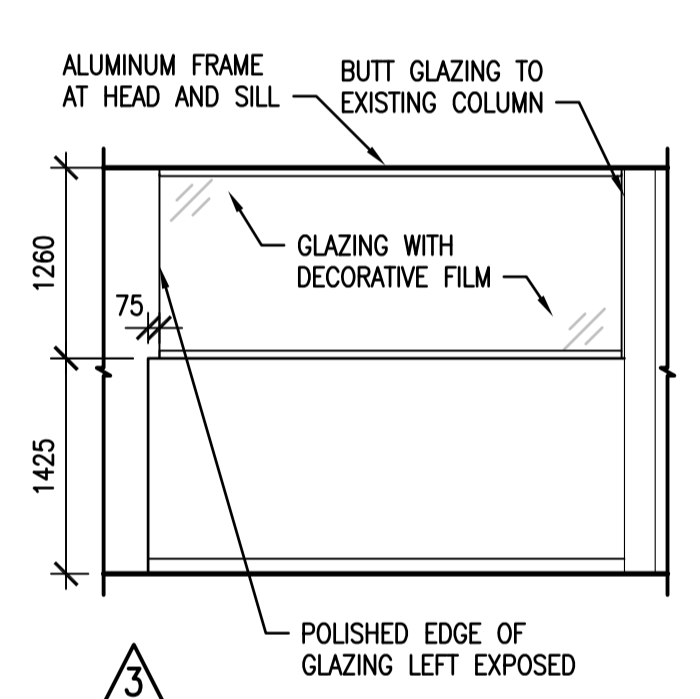
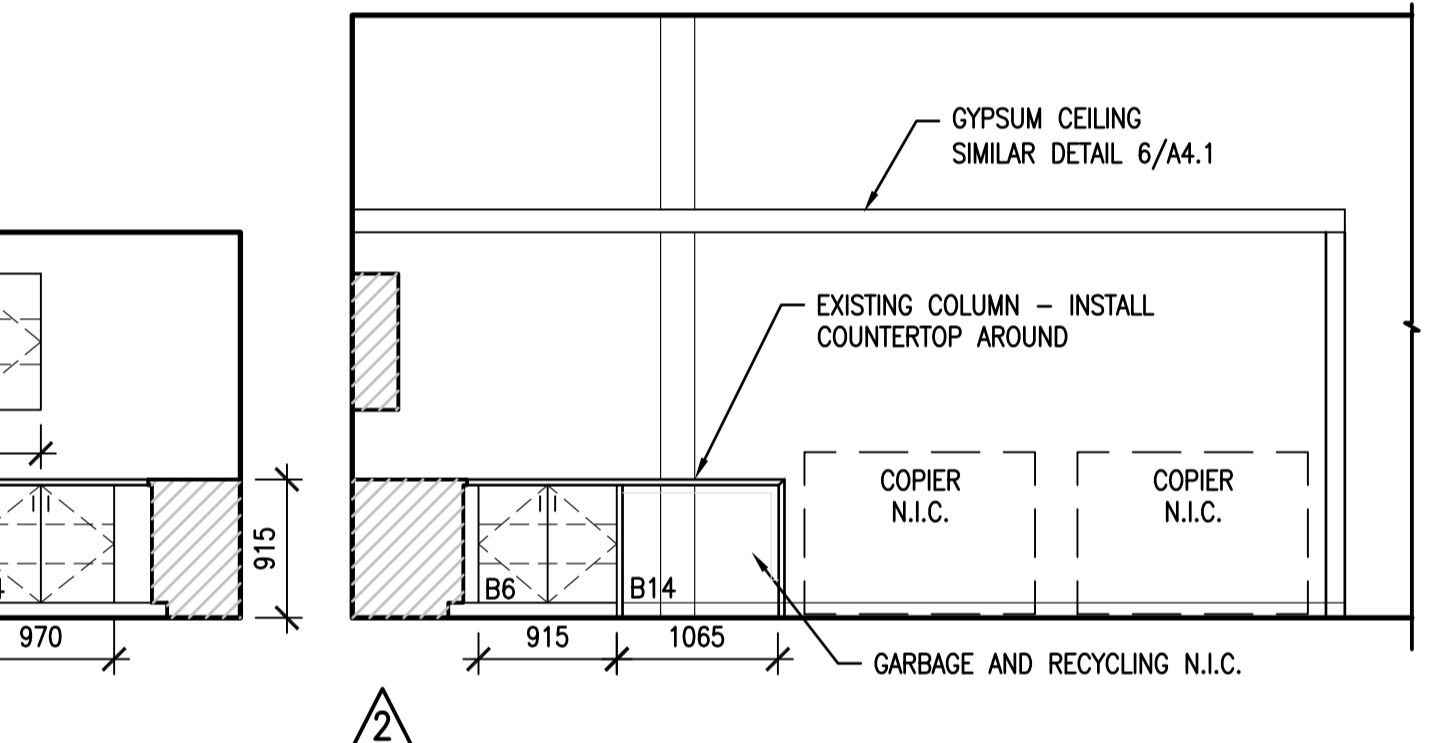
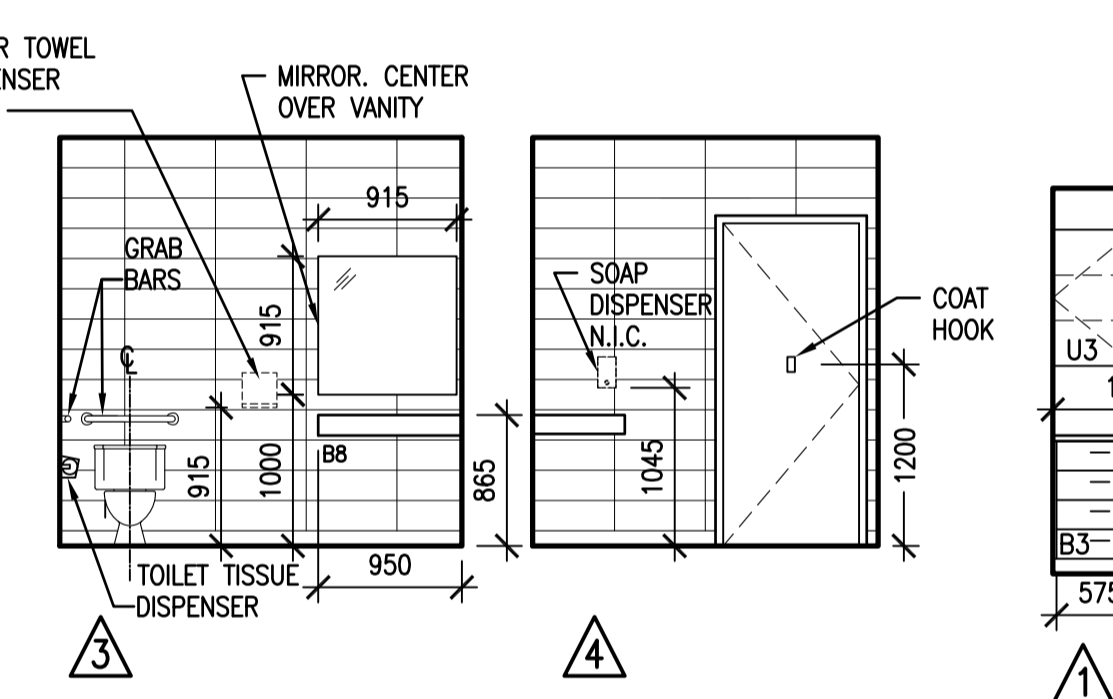
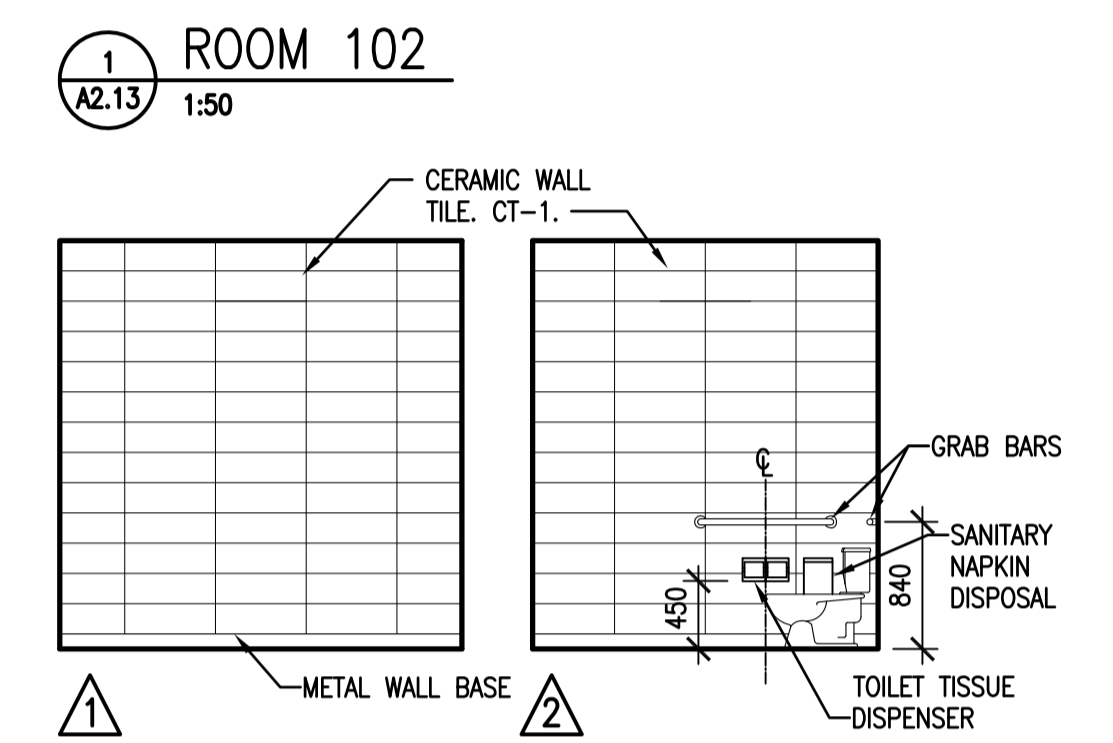
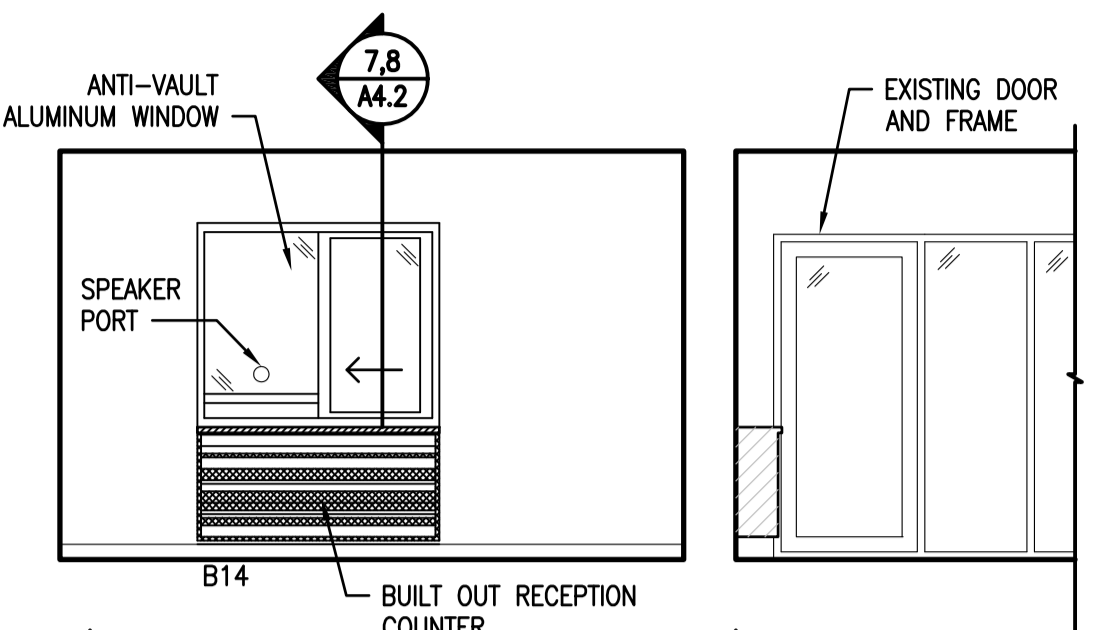
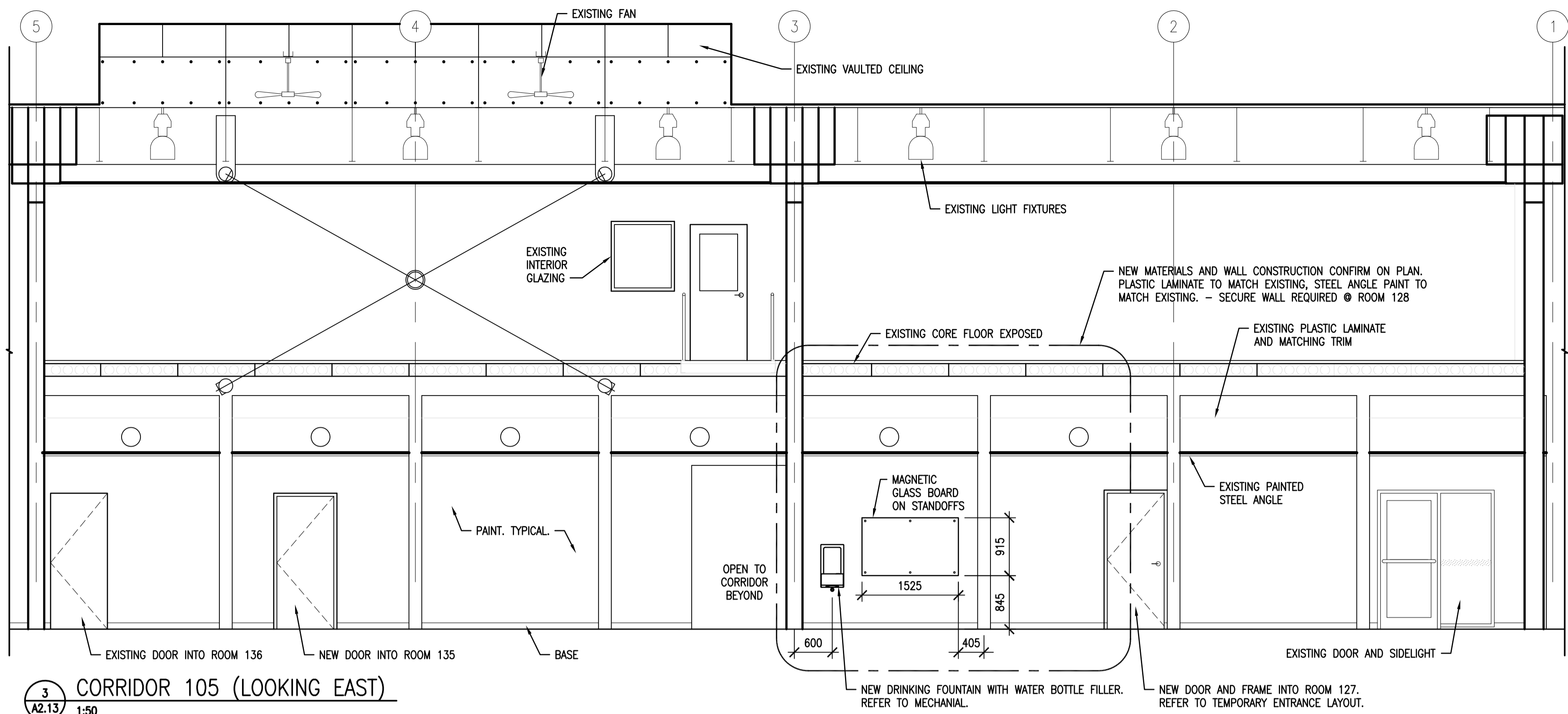
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INTERIOR ELEVATIONS

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	A3.1	0





REFER TO DRAWINGS A5.1 AND A5.2 FOR MILLWORK DETAILS

DO NOT SCALE DRAWINGS

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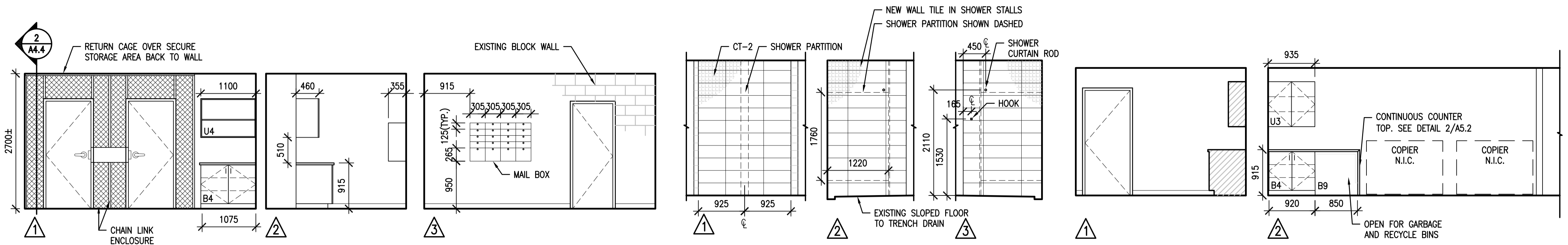
Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par
 Designed by/Concept par
VS/RP
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VS
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HM
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 Client/client

INTERIOR ELEVATIONS

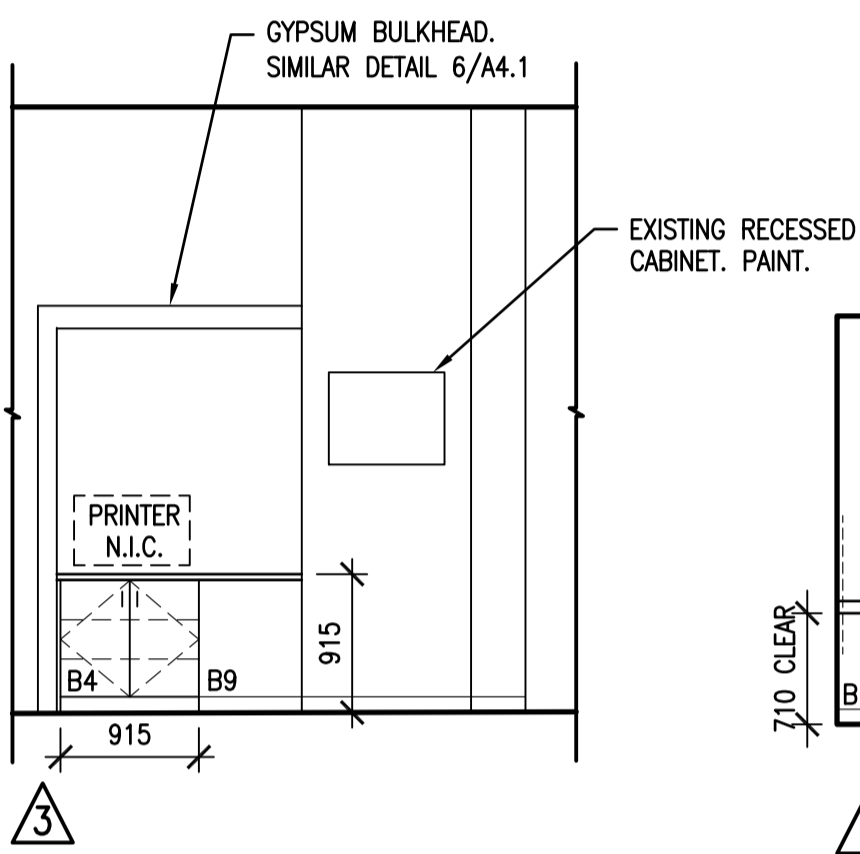
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30/2015	A3.2	0



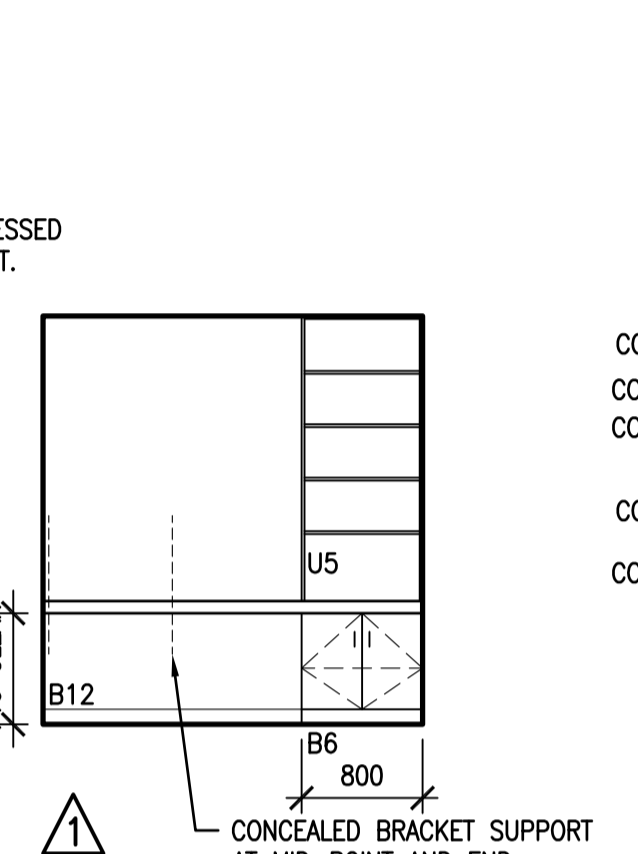
ROOM 133
 1:50

ROOM 136
 1:50

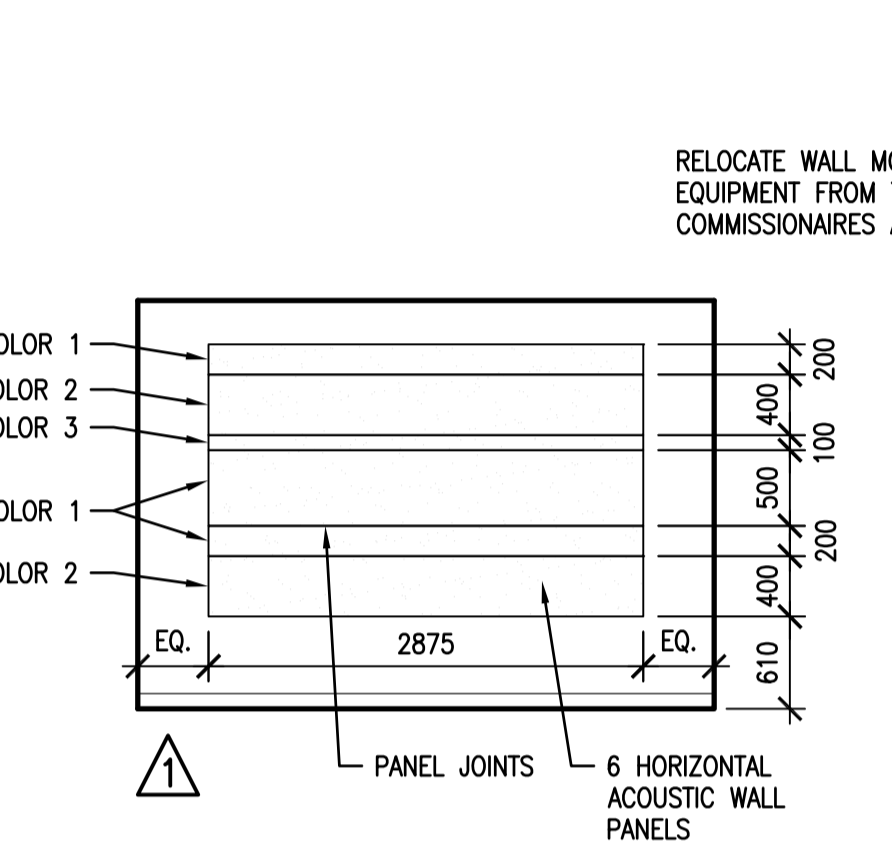
ROOM 138
 1:50



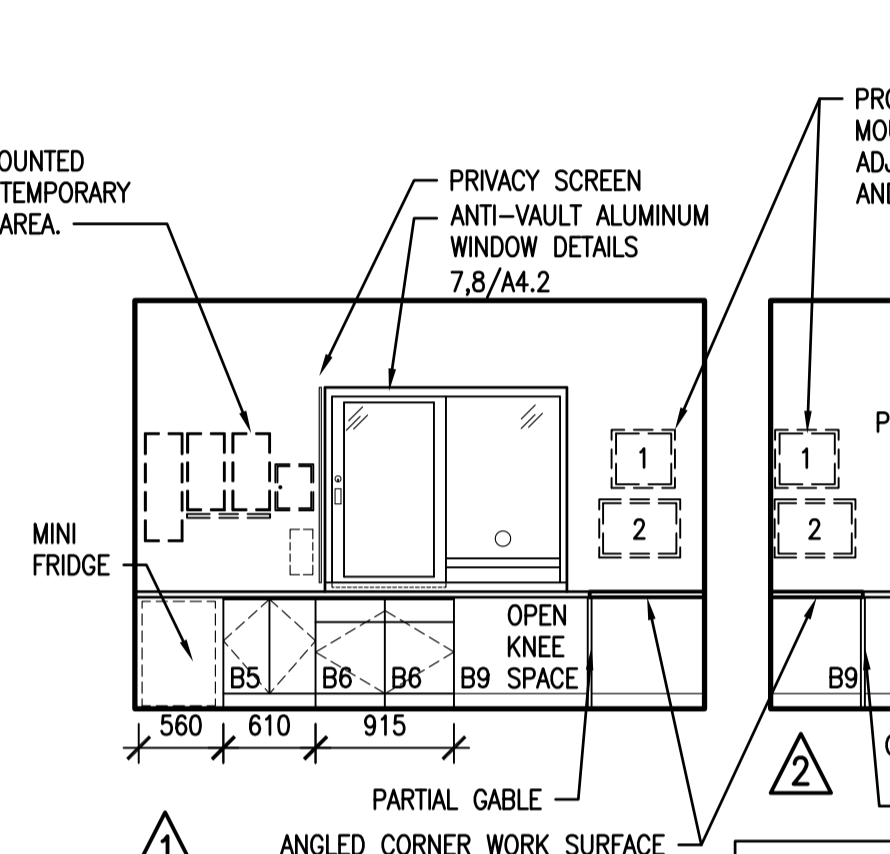
ROOM 138
 1:50



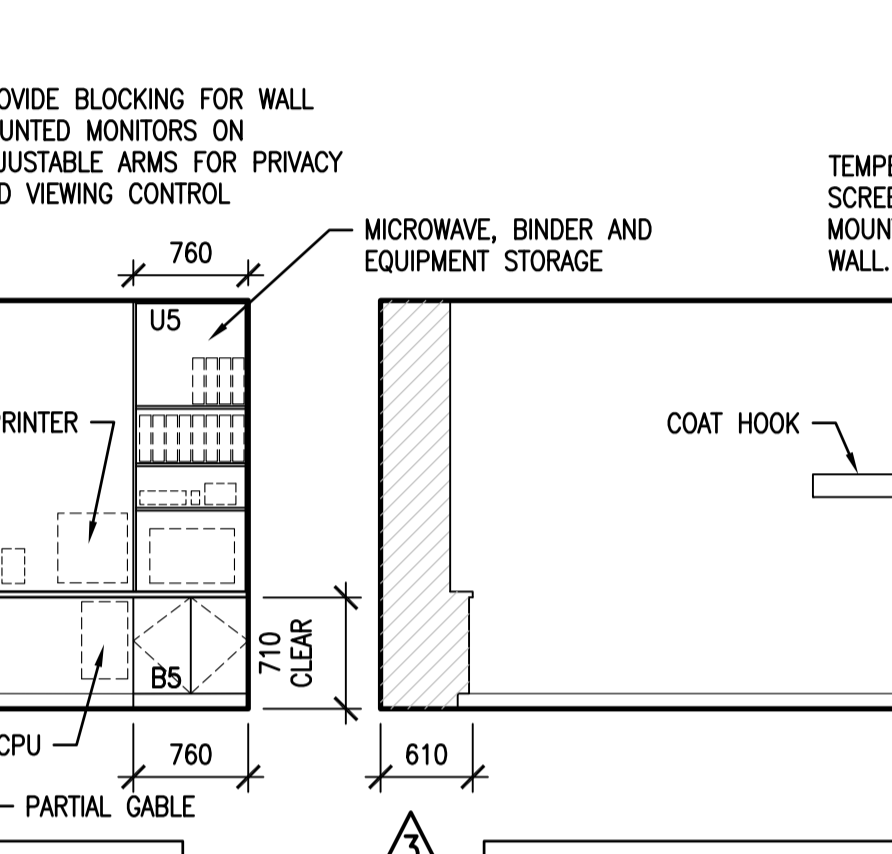
ROOM 142
 1:50



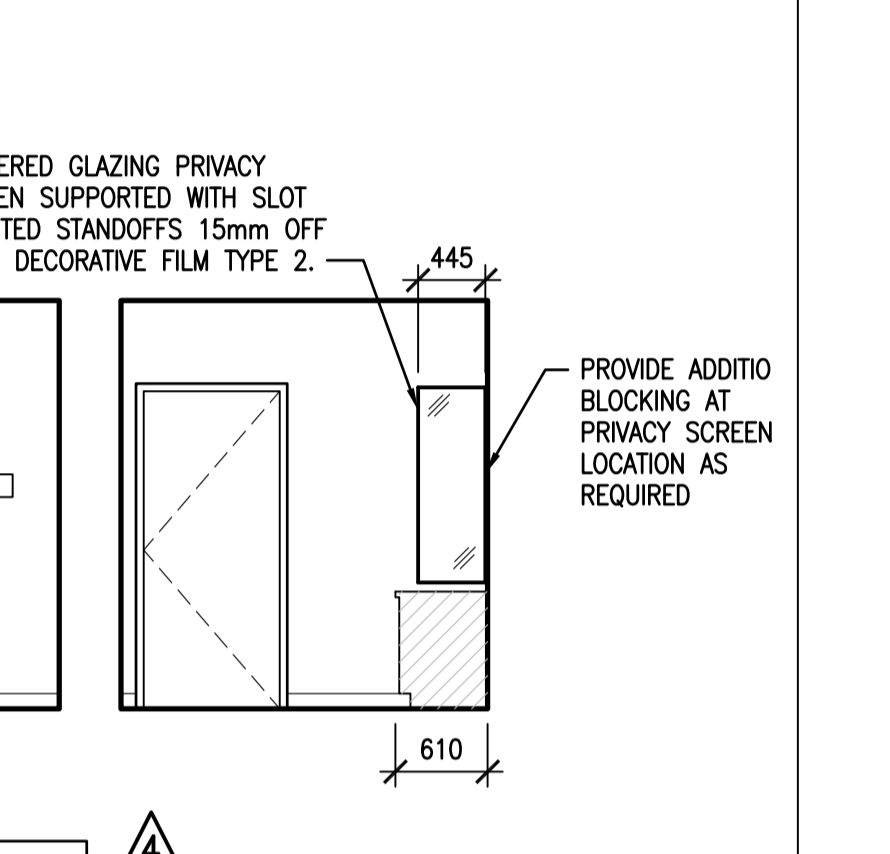
ROOM 143
 1:50



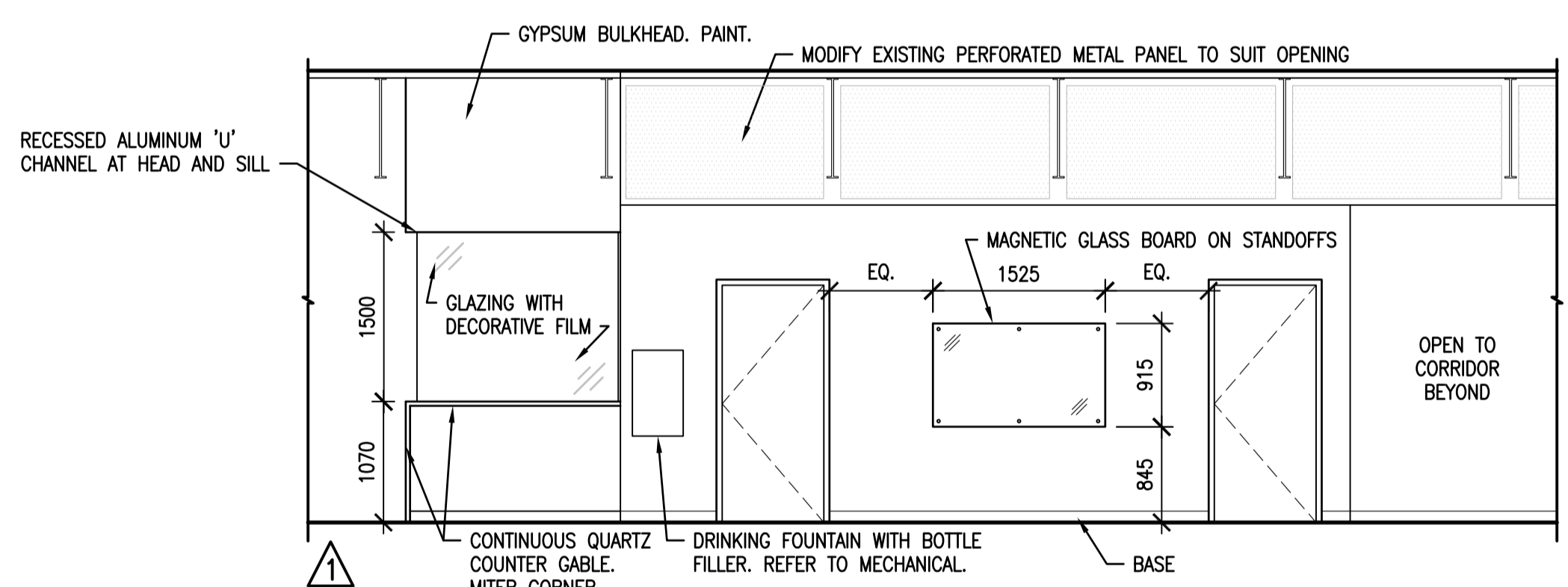
ROOM 144
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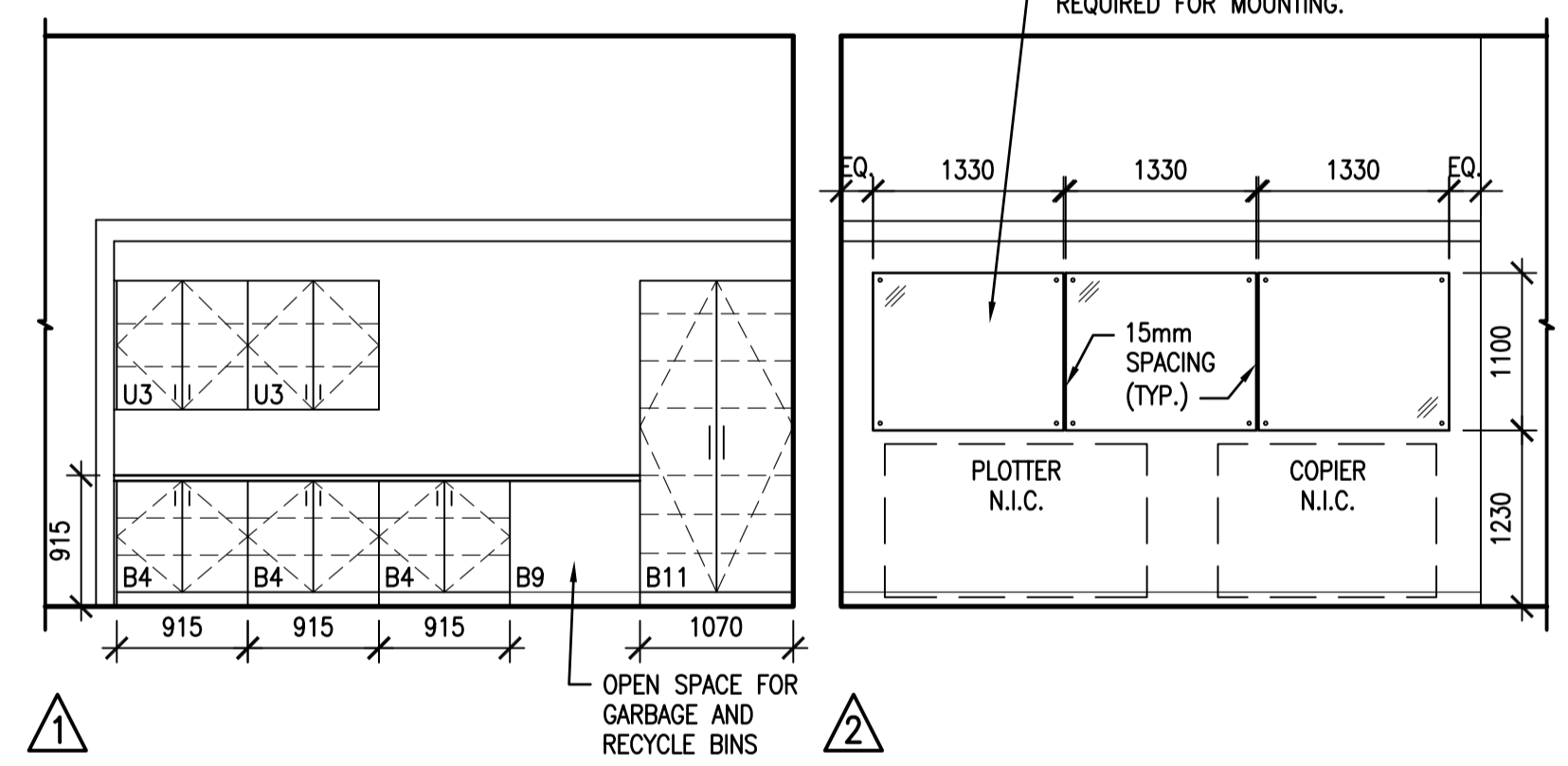
ROOM 144
 1:50



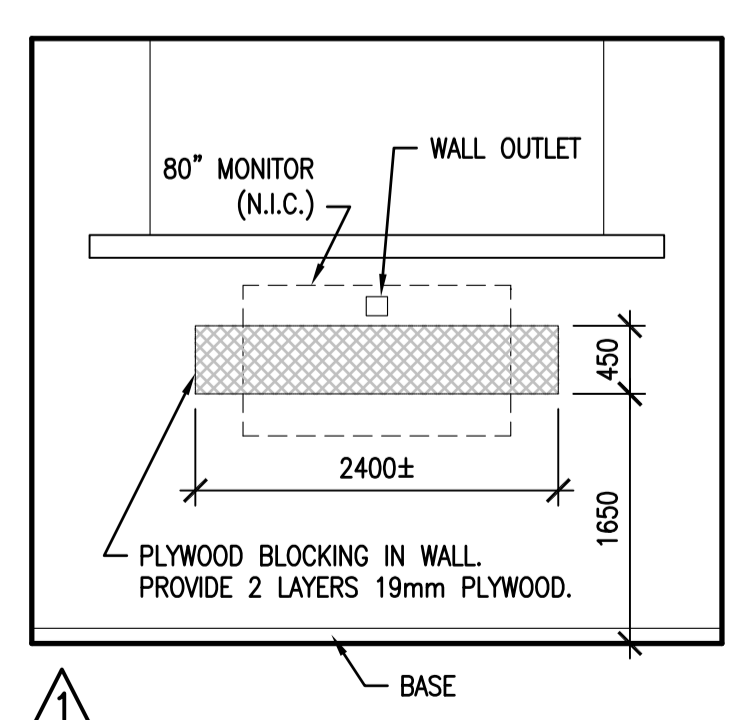
ROOM 144
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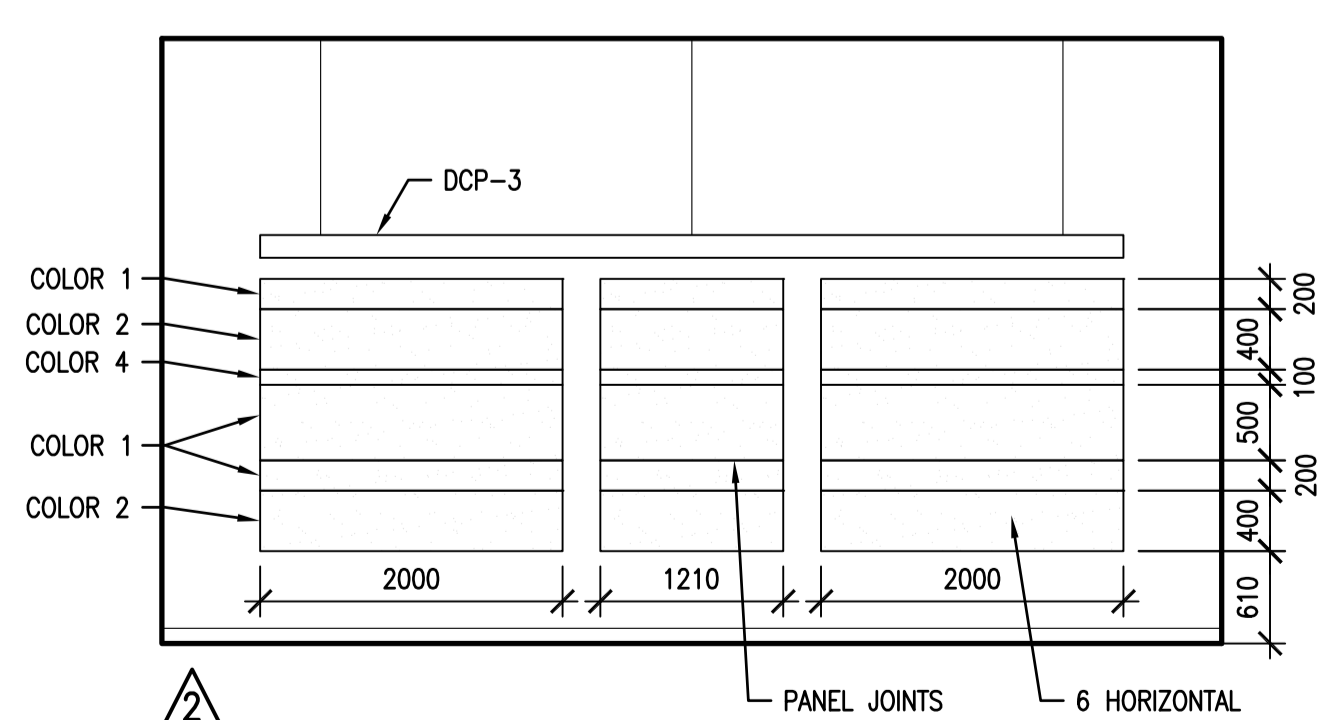
CORRIDOR 201 - EAST
 1:50



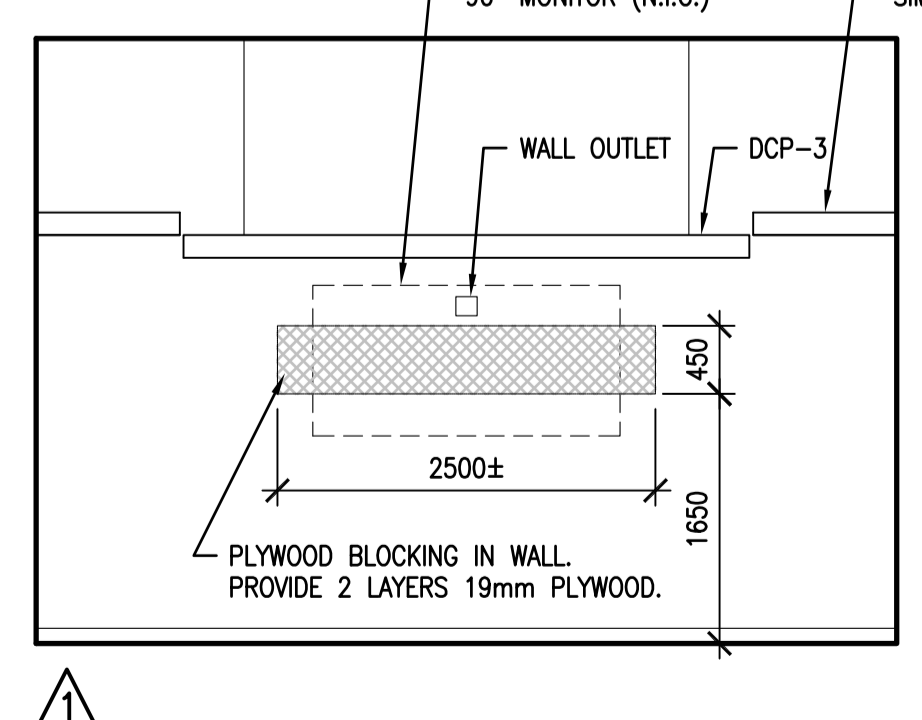
ROOM 203
 1:50



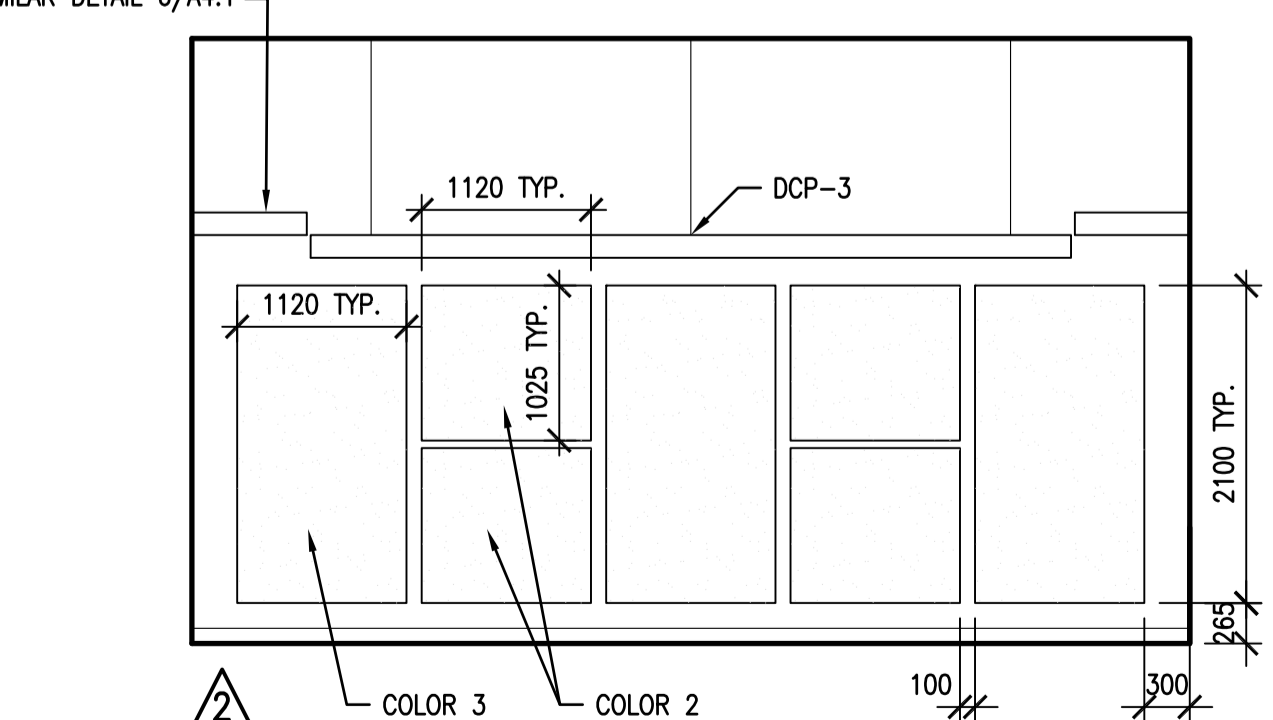
ROOM 204
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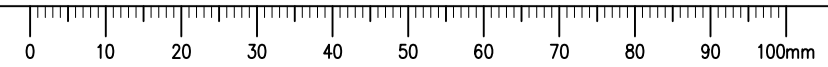
ROOM 204
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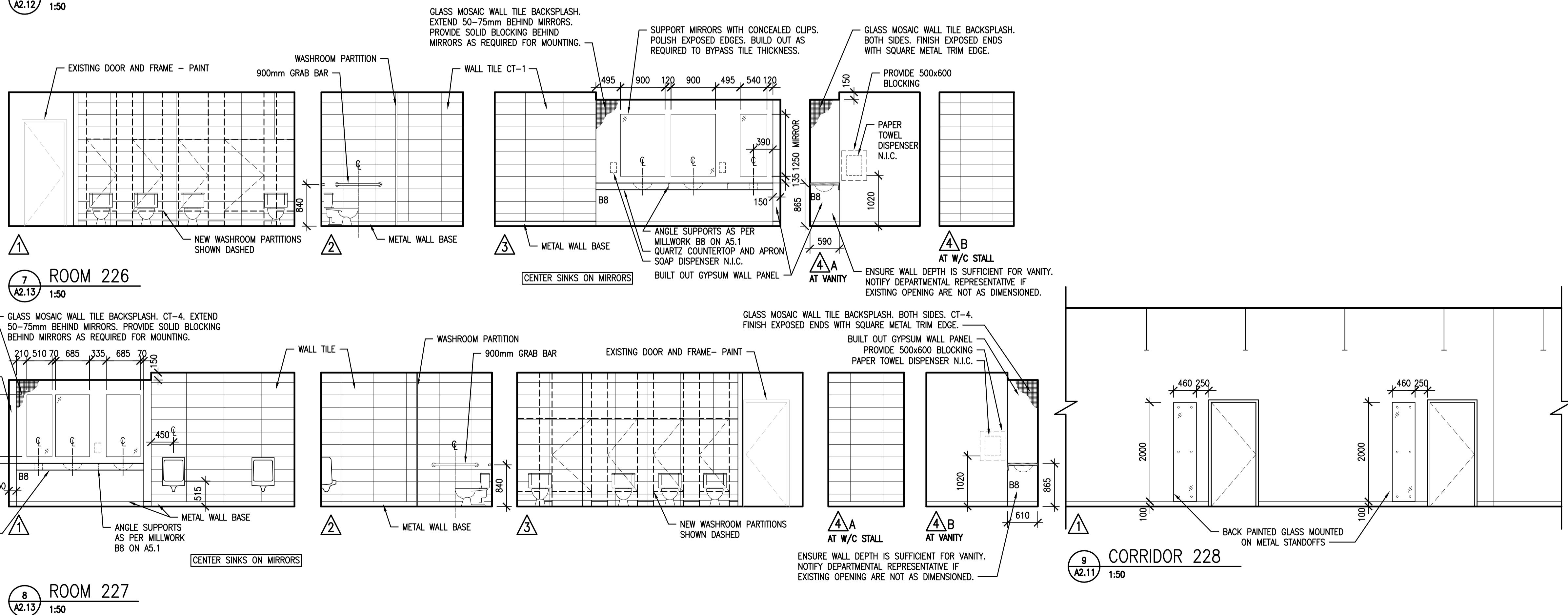
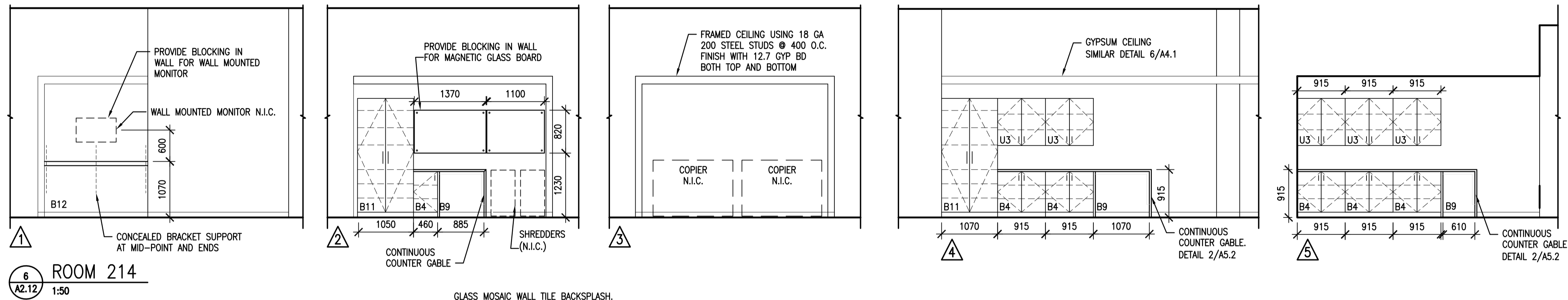
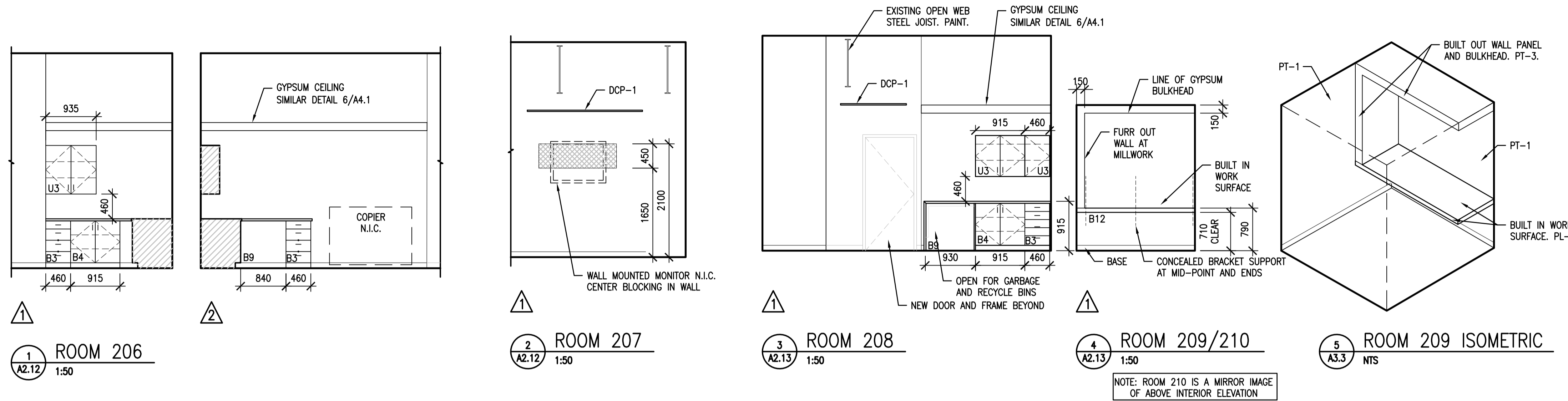


ROOM 135
 1:50



ROOM 135
 1:50





REFER TO DRAWINGS A5.1 AND A5.2 FOR MILLWORK DETAILS

DO NOT SCALE DRAWINGS

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Revision/	Description/Description	Date/Date
Client/client		

Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par

VS/RP

Drawn by/Dessine par

VS

Project Manager/Administrateur de Projets

HM

Architectural and Engineering Resources Manager/
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Client/client

Drawing title/Titre du dessin

INTERIOR ELEVATIONS

Project No./No. du projet

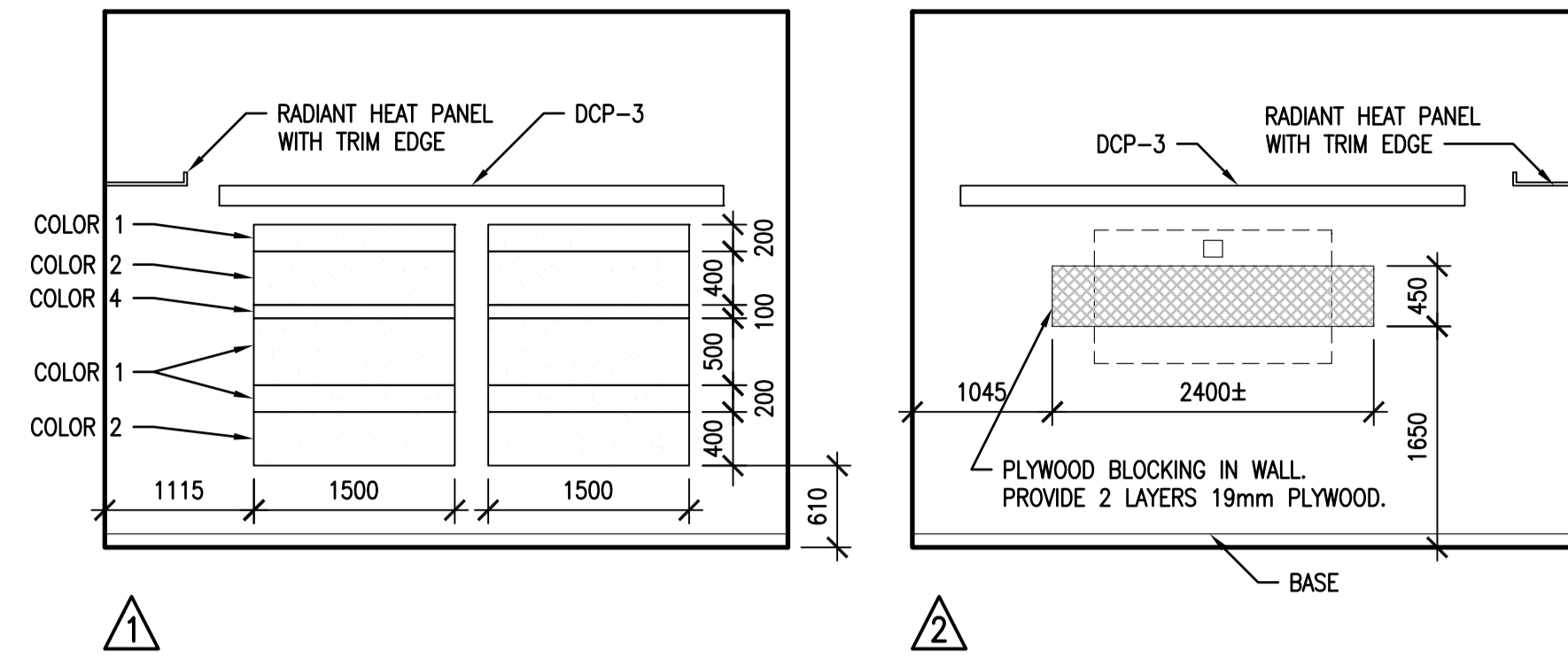
30/2015

Sheet/Feuille

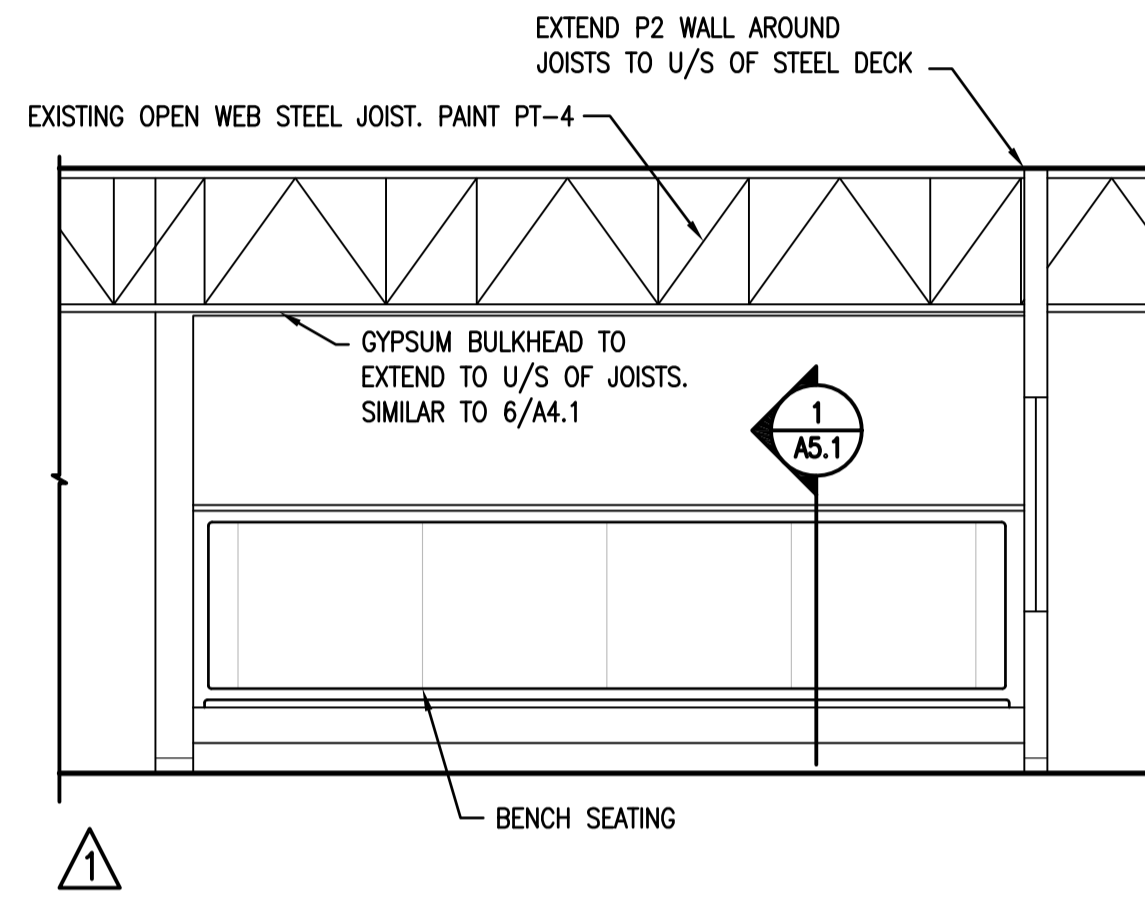
A3.3

Revision no./La Révision no.

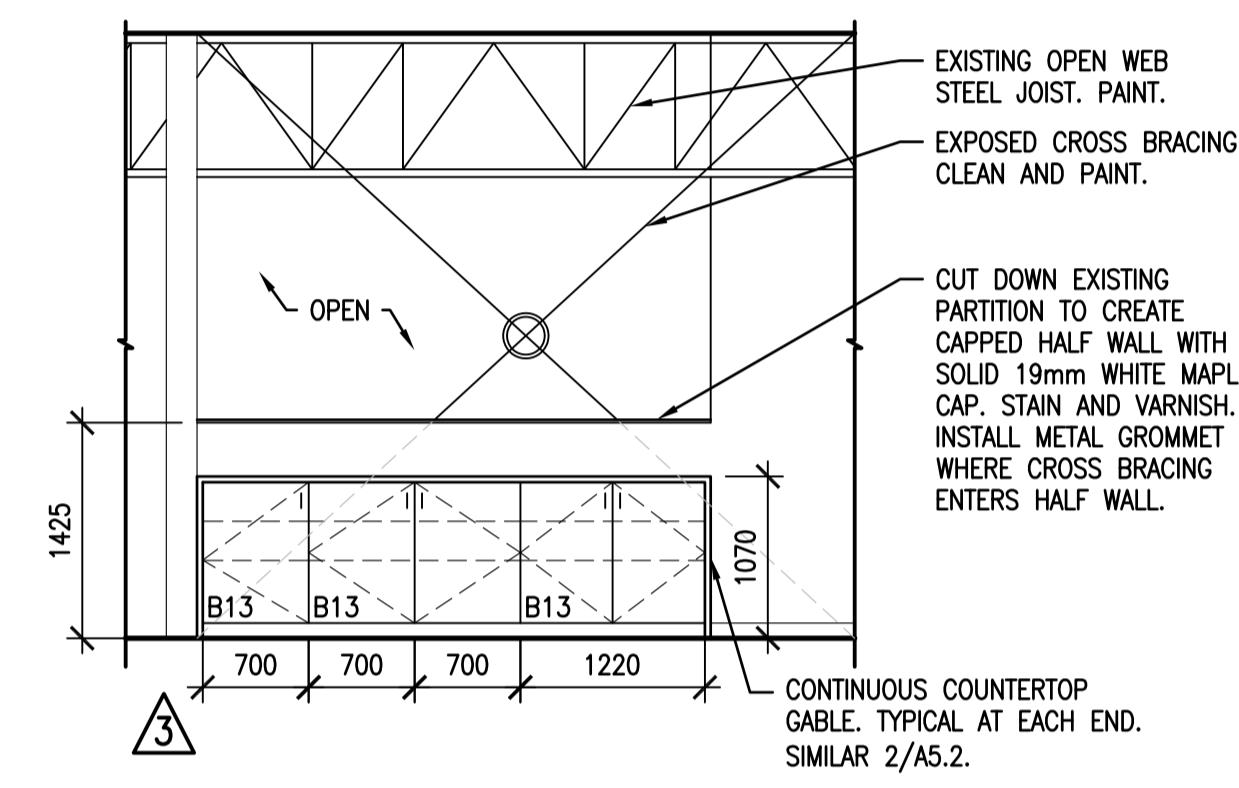
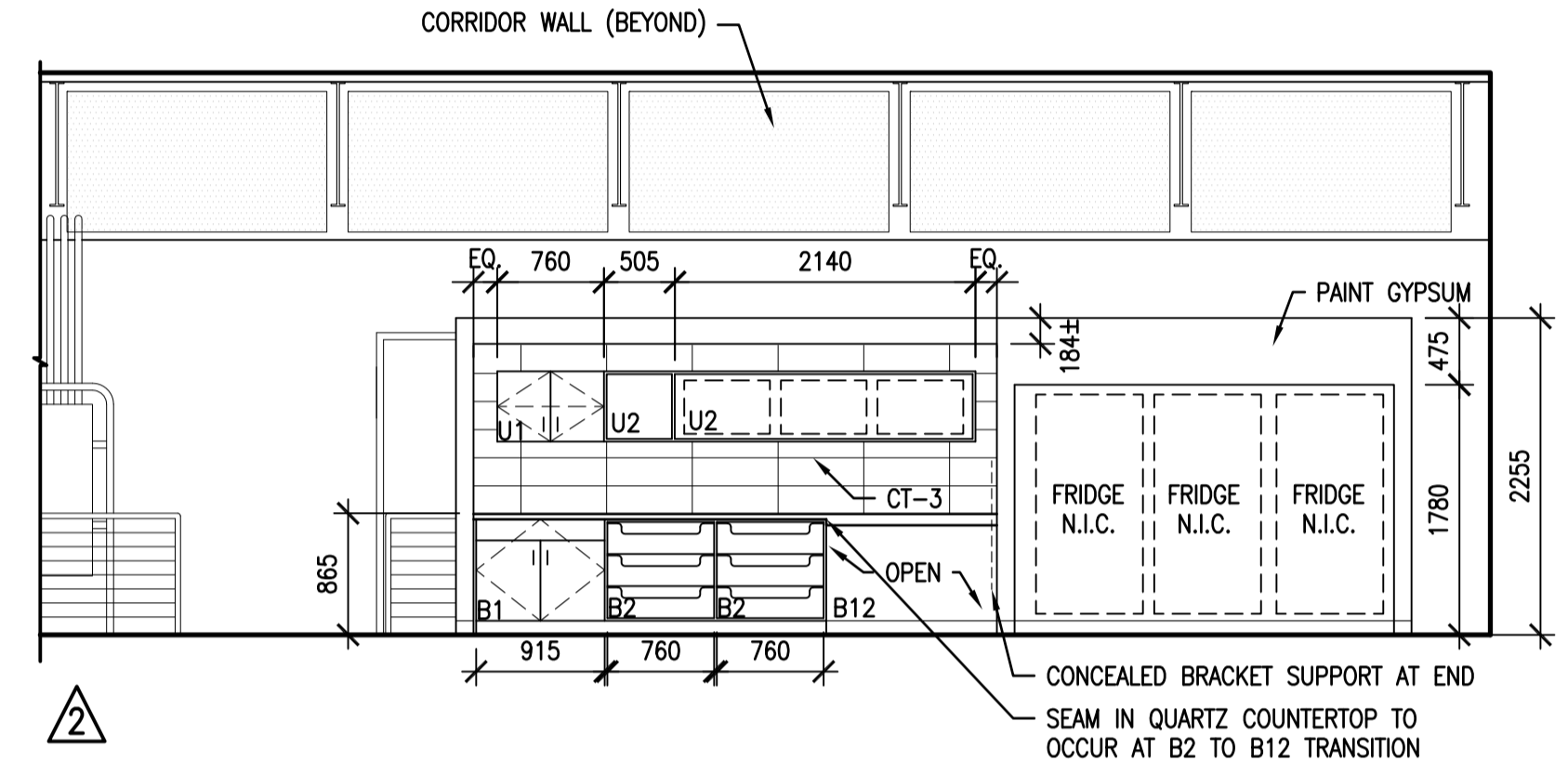
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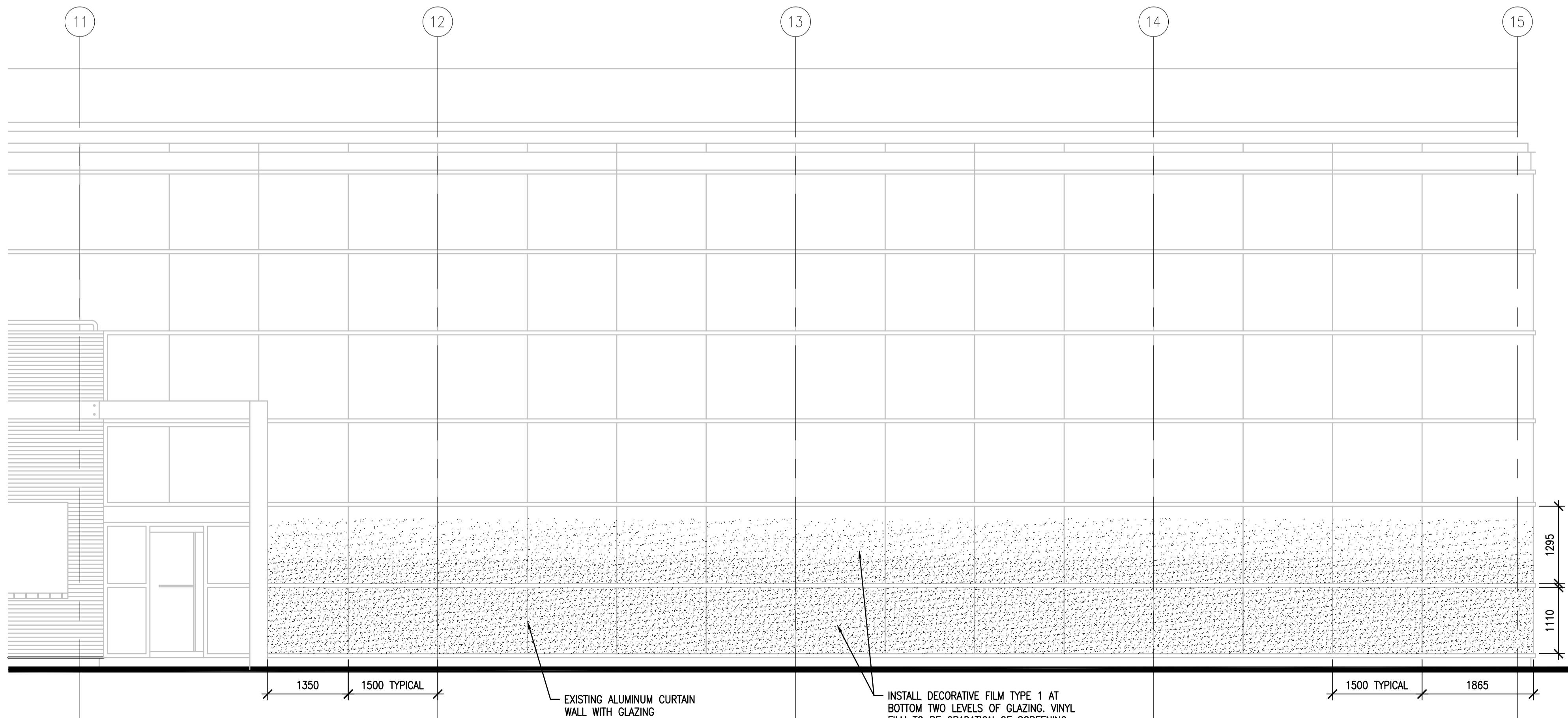
1 ROOM 232
A2.11 1:50



2 ROOM 234
A2.11 1:50



REFER TO DRAWINGS A5.1 AND A5.2 FOR MILLWORK DETAILS



3 EAST EXTERIOR ELEVATION
A2.10 1:50

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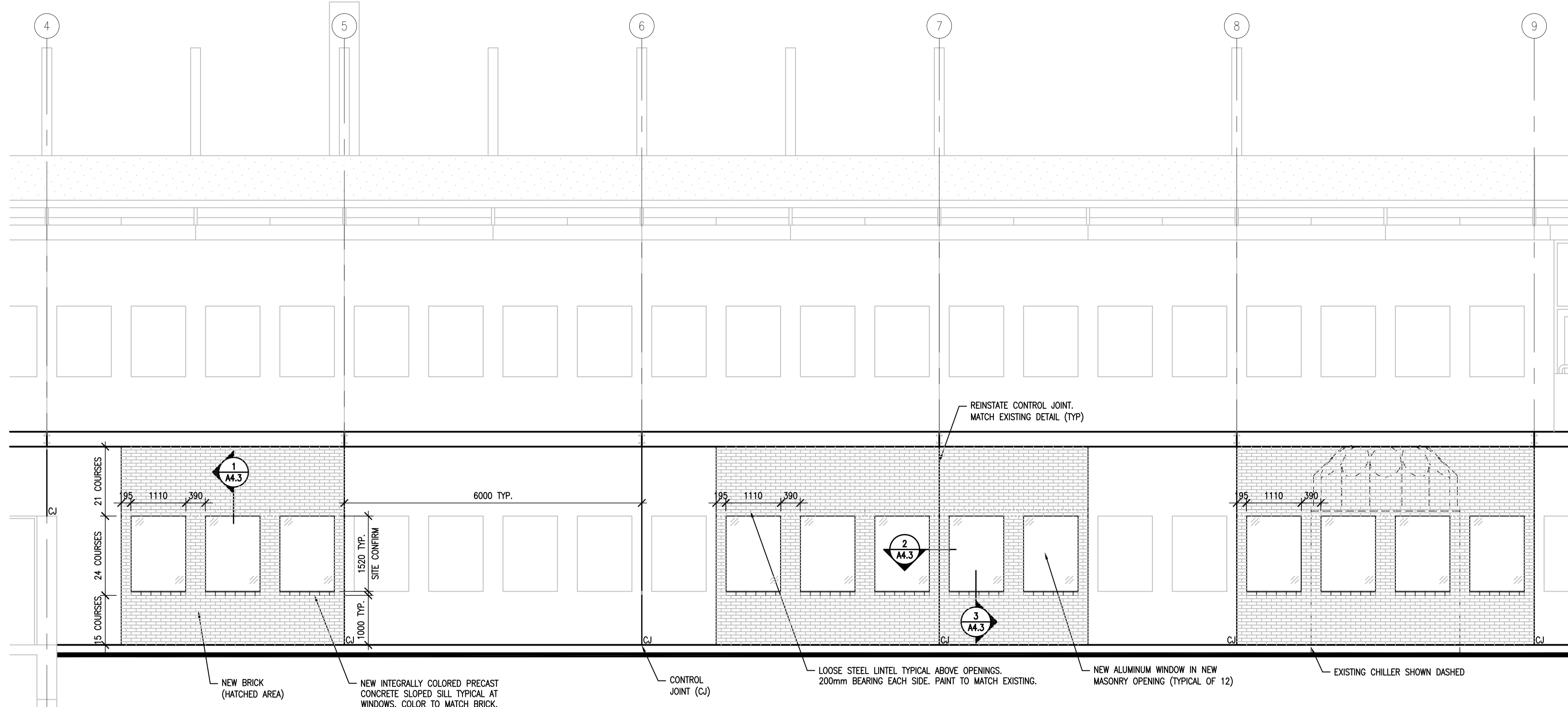
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0	ISSUED FOR TENDER	2017-02-03
Revision/	Description/Description	Date/Date
Revision		

Project title/Titre du projet
**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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Client/client

Drawing title/Titre du dessin
**INTERIOR ELEVATIONS
EXTERIOR ELEVATION**

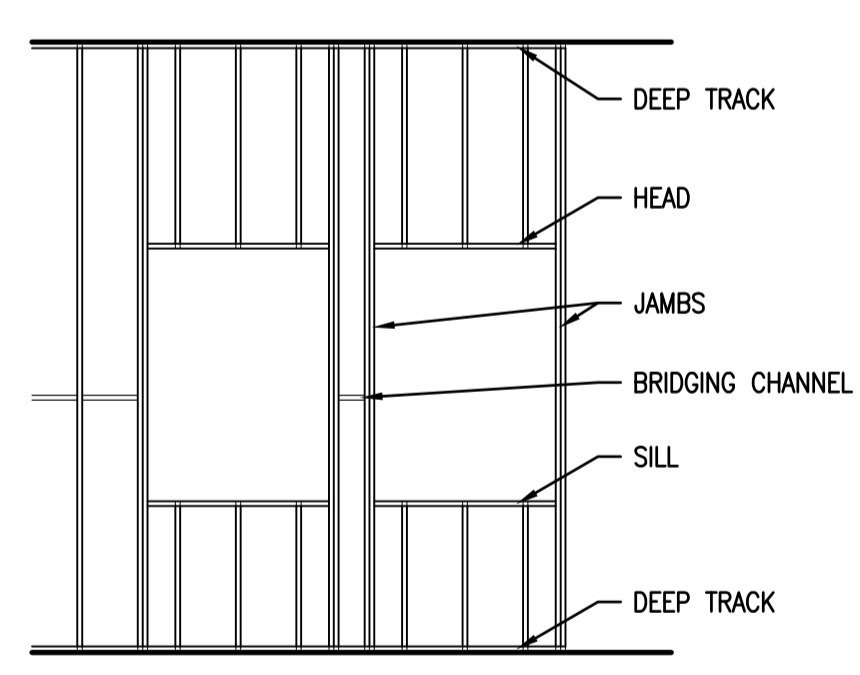
Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	A3.4	0



1 EAST EXTERIOR ELEVATION
A3.5 1:50

AREAS OF NEW BRICK - SHOWN WITH BRICK HATCH. REMOVE ALL EXISTING FACE BRICK. REPLACE WITH NEW BRICK TO SUIT NEW WINDOW OPENINGS

CONFIRM SIZE OF NEW OPENINGS TO MATCH EXISTING. HEAD/SILL ELEVATION TO MATCH EXISTING.



EXTERIOR STUDS ELEVATION
1:50

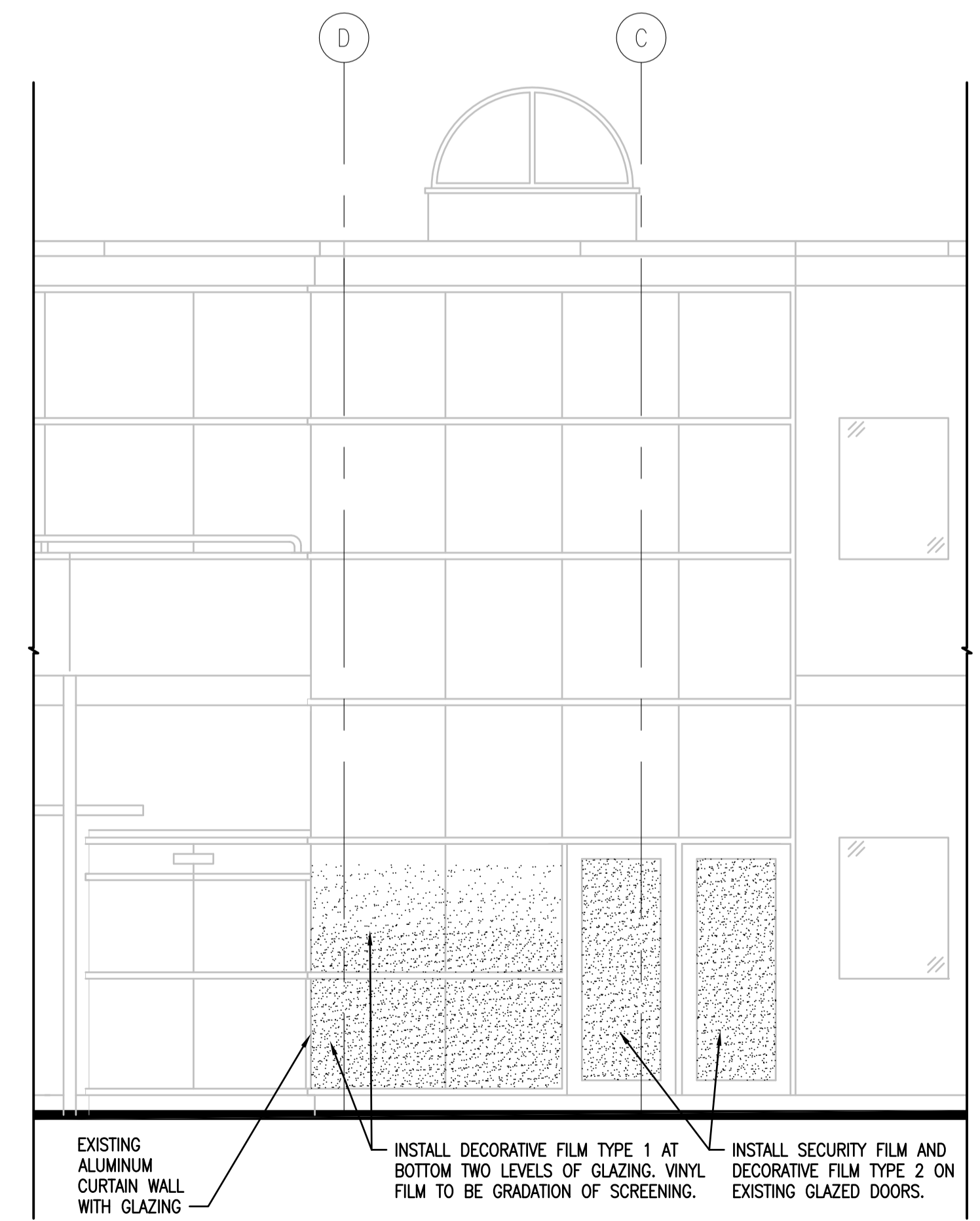
TYPICAL EXTERIOR WALL STEEL STUDS

BOTTOM TRACK	152x38x1.14 (18ga)
OUTSIDE TOP TRACK	152x51x1.14 (18ga)
INSIDE TOP TRACK	152x76x1.14 (18ga)
SLOTTED TOP TRACK(ALT)	152x76x1.14 (18ga)
WALL STUDS (@400o.c.)	152x41x1.14 (18ga)

STEEL STUD LINTELS

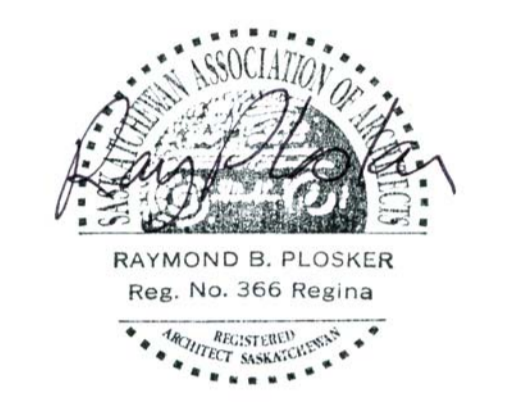
	0 to 1200	1201 to 2400
JAMBS	2 STUDS	2 STUDS
HEAD	1 TRACK	1 TRACK & 1 STUD
SILL	1 TRACK	1 STUD & 1 TRACK

- ALL MULTI-PLY JAMBS TO BE SCREWED TOGETHER @ 600 o.c. MINIMUM
- STUDS TO BE SCREWED TO TRACKS AT SILL AND HEADS
- CONFIRM ALL OPENINGS SIZES



2 NORTH EXTERIOR ELEVATION - PARTIAL
A3.5 1:50

SEPW Architecture Inc.
 100 - 3725 Piquette Street, Regina, SK S4S 0R8 ph: (306) 588-2525
 100 - 3718 Street Park, Saskatoon, SK S7Y 0A6 ph: (306) 662-6467
 website: www.sepw.ca



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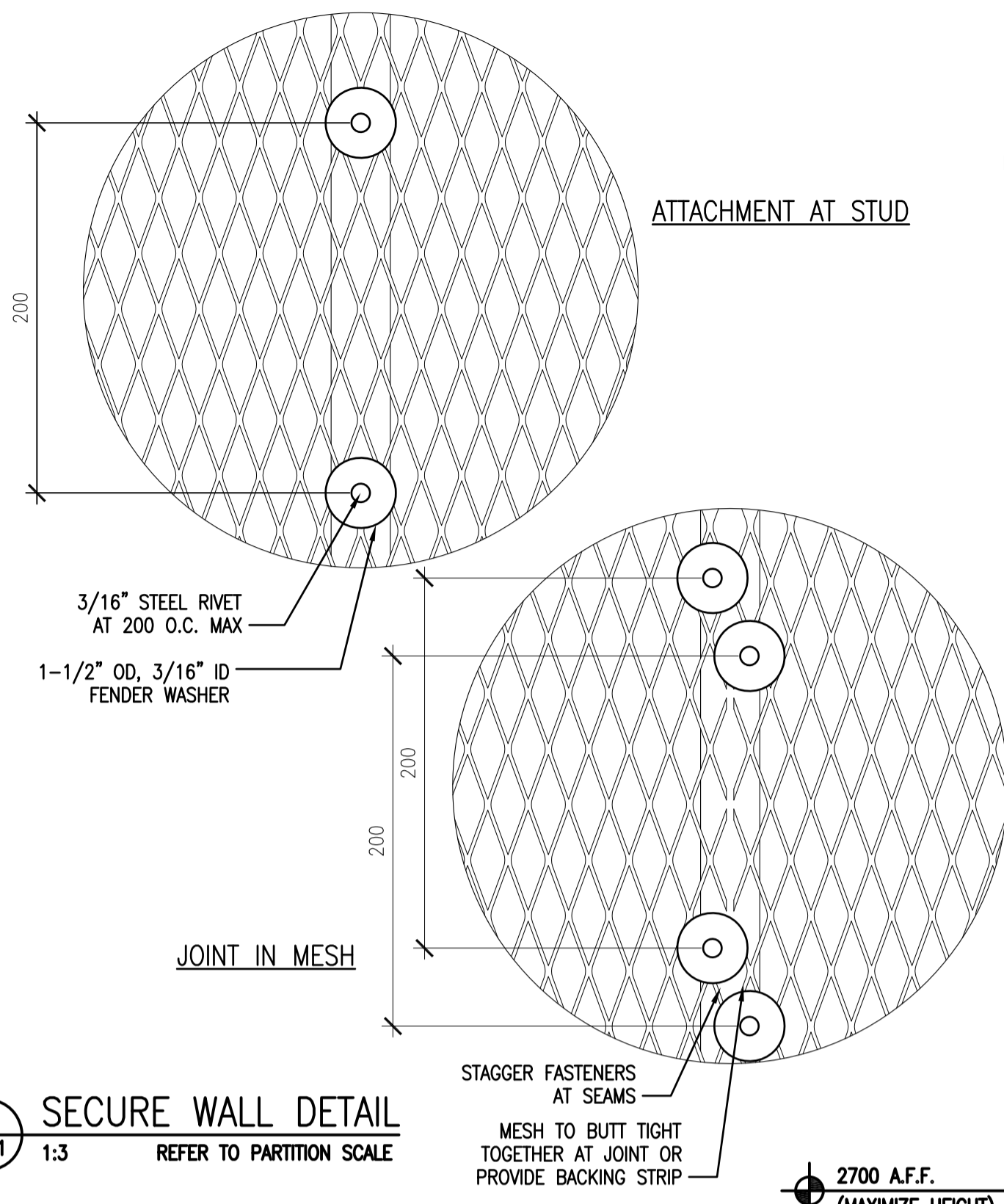
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0	ISSUED FOR TENDER	2017-02-03
Revision/Revision	Description/Description	Date/Date

**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

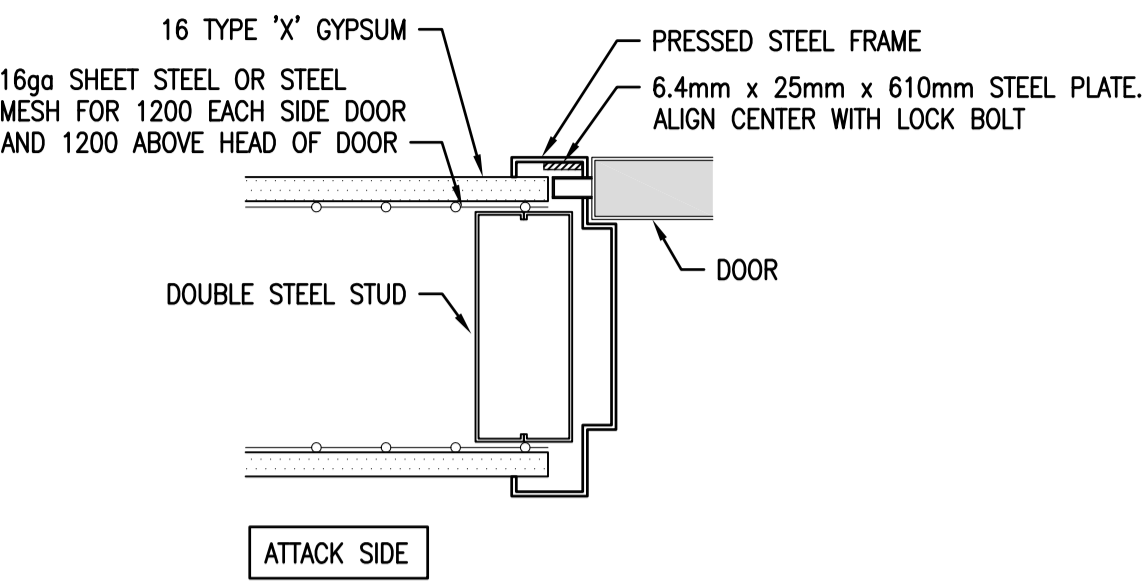
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Drawing title/Titre du dessin
EXTERIOR ELEVATIONS

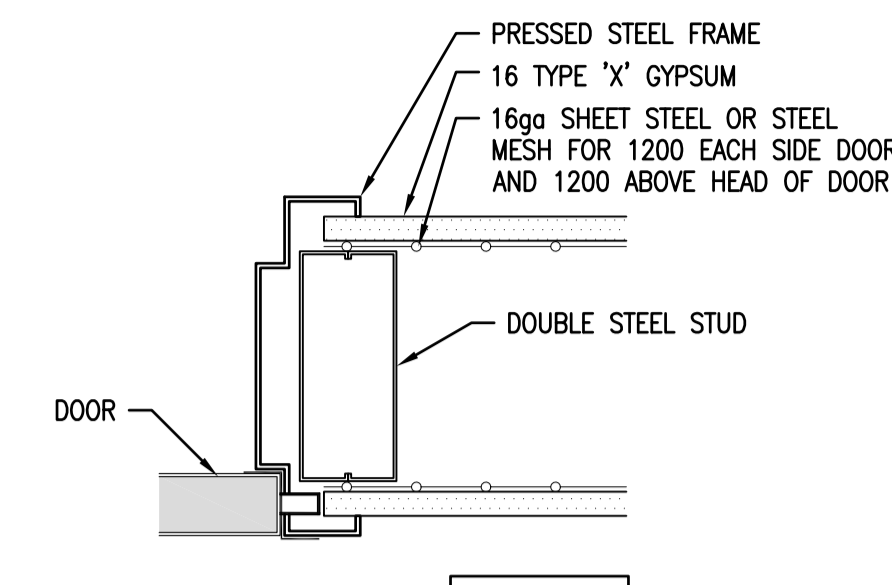
Project No./No. du projet 30/2015	Sheet/Feuille A3.5	Revision no./La Révision no. 0
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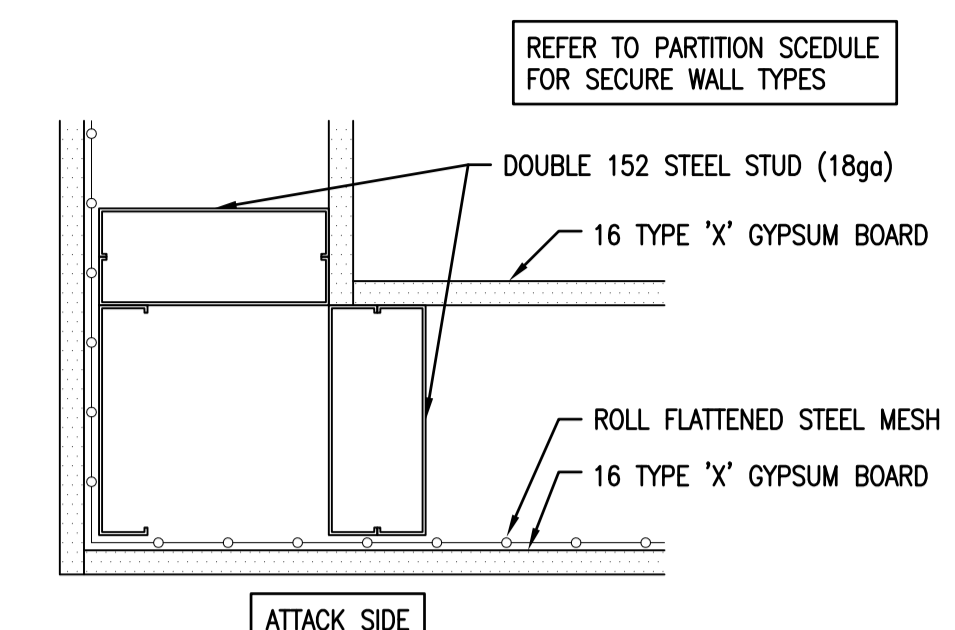
1
A4.1
1:3
REFER TO PARTITION SCALE



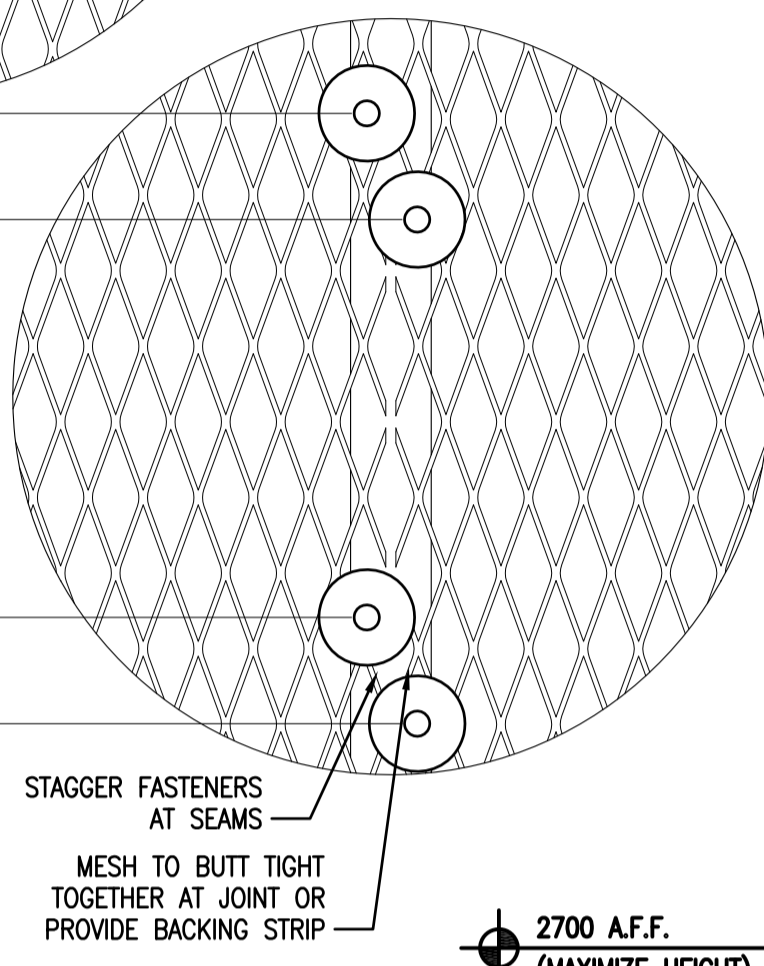
2
A4.1
1:5
SECURE FRAME - INWARD SWING



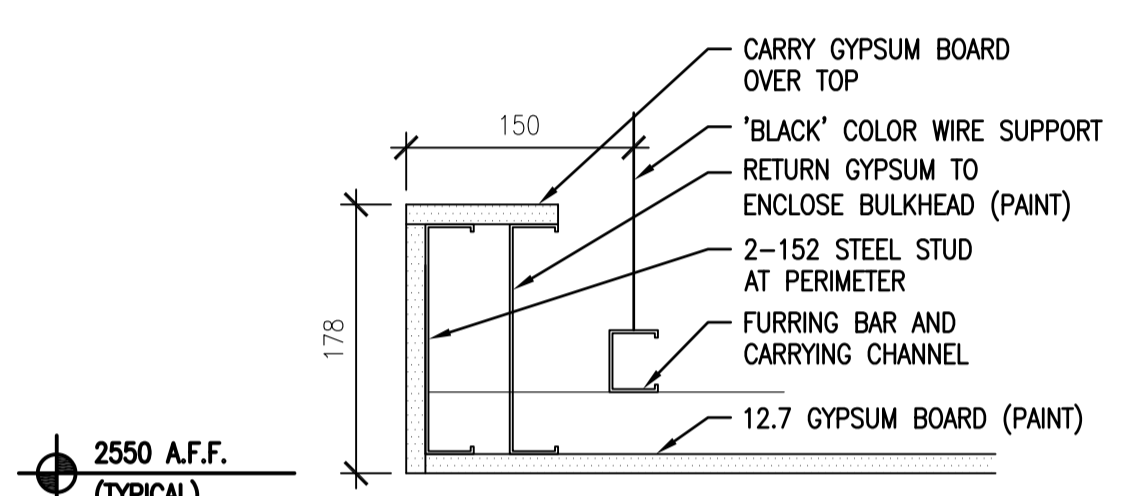
3
A4.1
1:5
SECURE FRAME - OUTWARD SWING



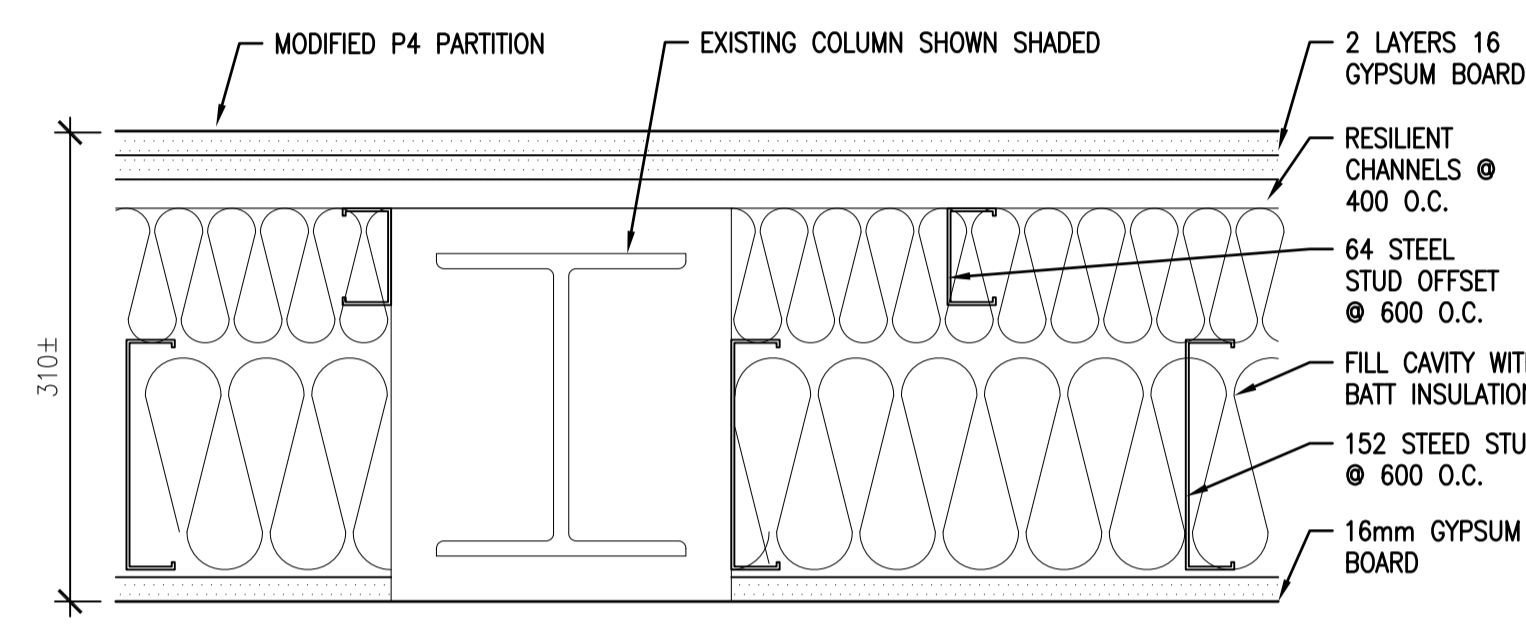
4
A2.12
1:5
SECURE WALL CORNER DETAIL



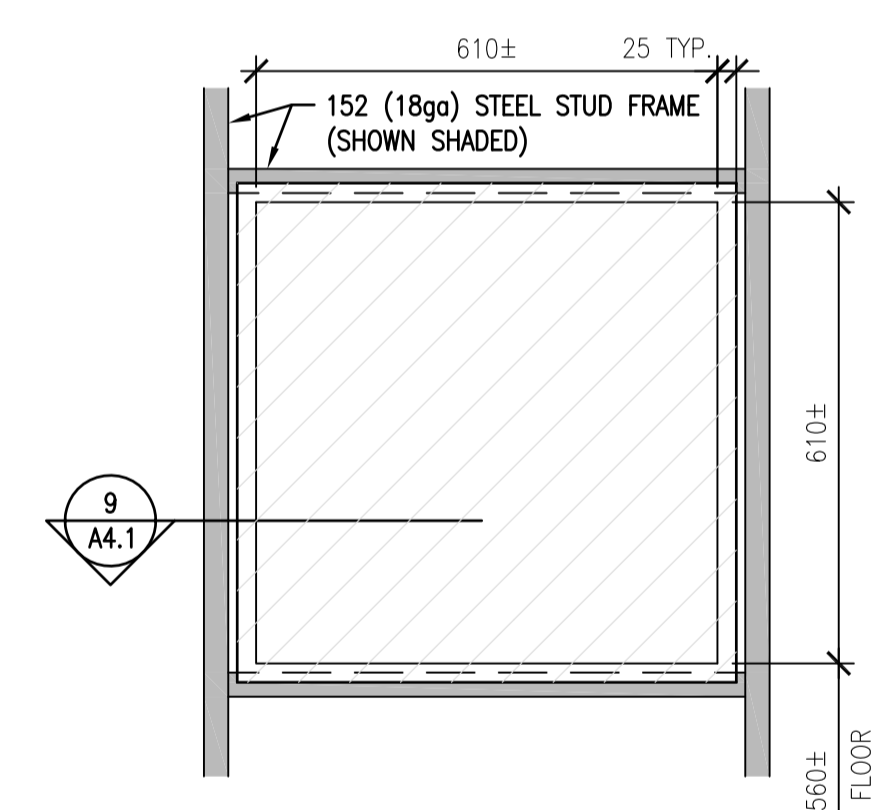
5
A2.15
1:5
SUSPENDED CEILING TRIM



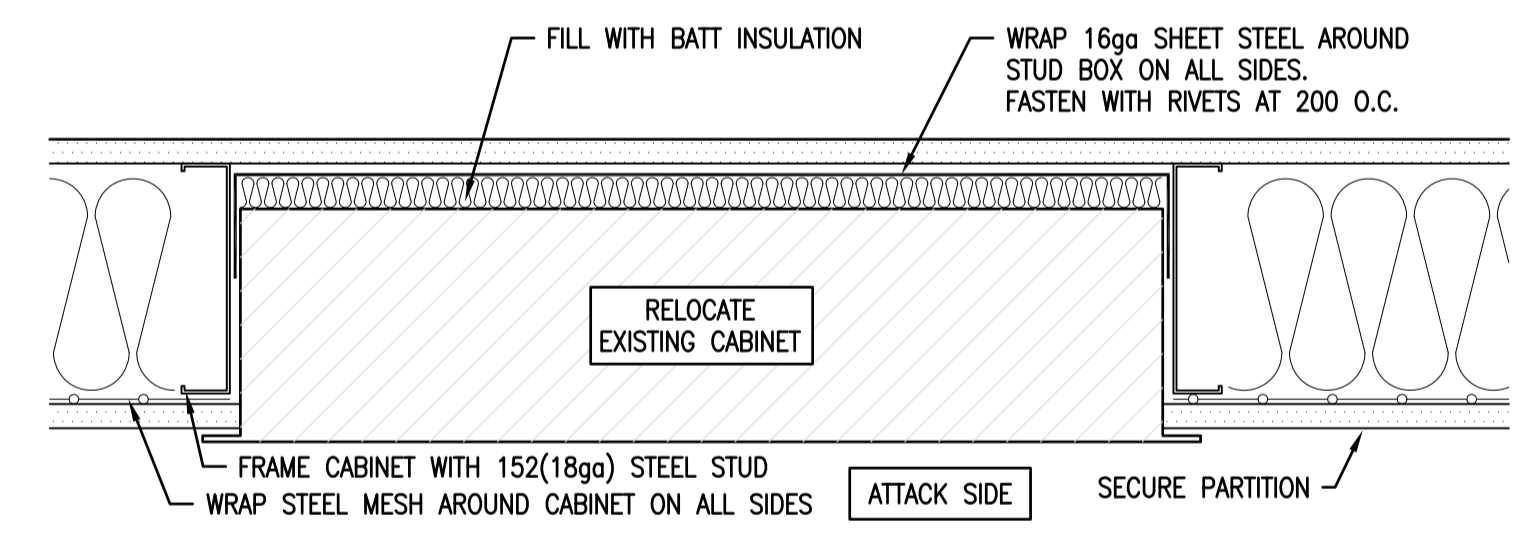
6
A2.15
1:5
GYPSUM BULKHEAD



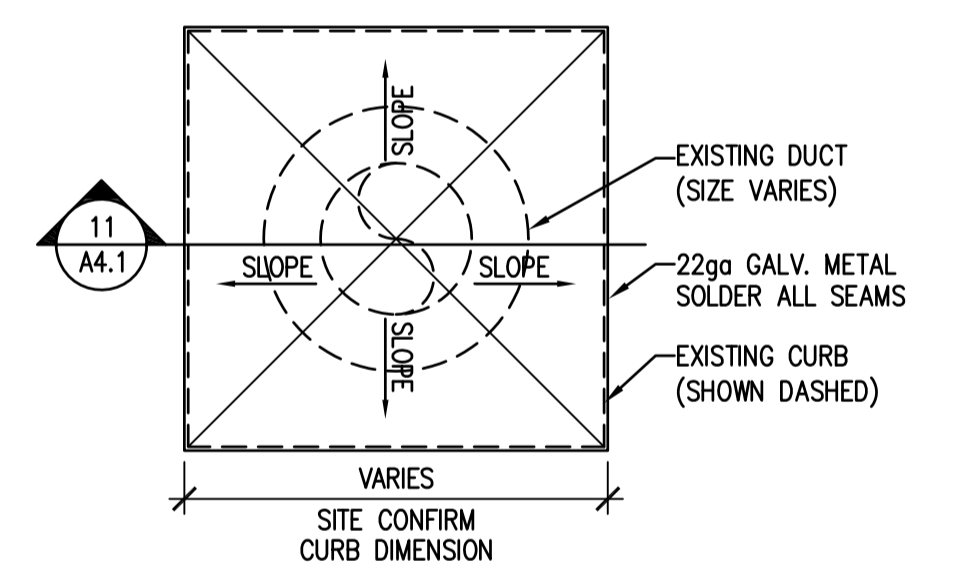
7
A2.9
1:5
MODIFIED P4 PARTITION DETAIL
CORRIDOR SIDE



8
A4.1
1:10
SECURE CABINET ELEVATION

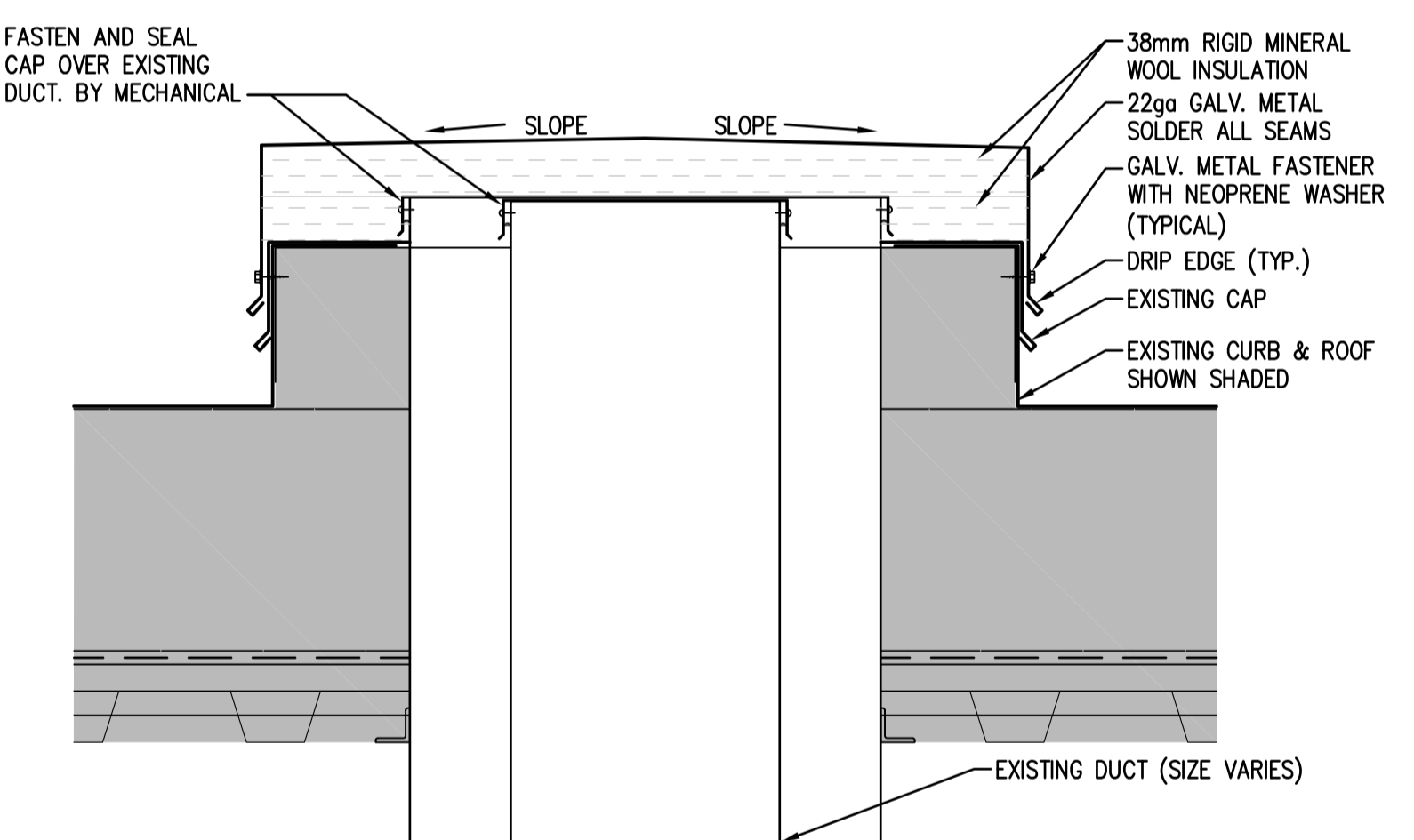


9
A4.1
1:5
DETAIL - PLAN VIEW

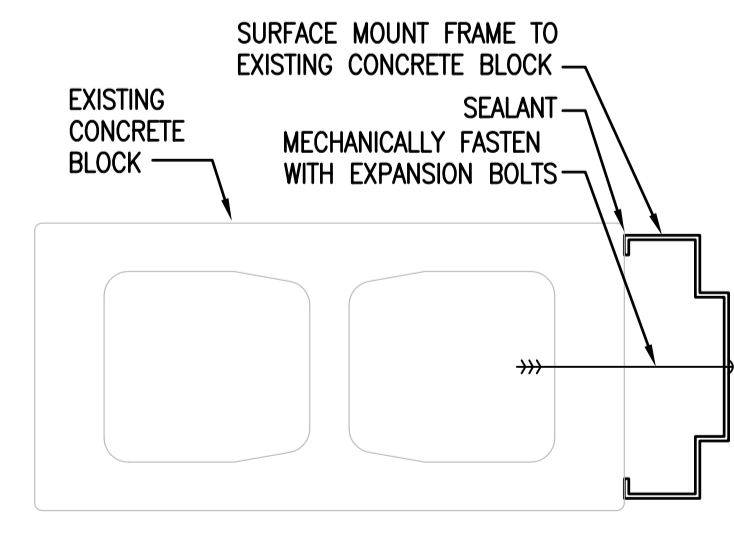


10
A4.1
1:10
DUCT CAP PLAN

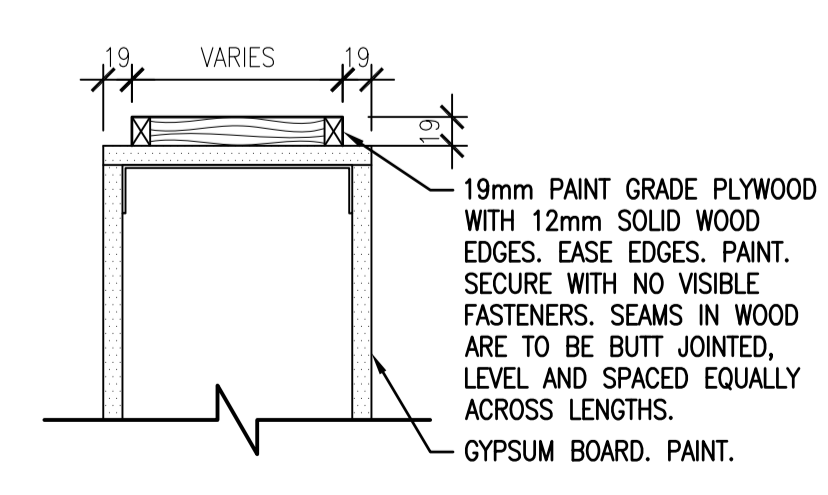
NOTE: REFER TO MECHANICAL DRAWINGS FOR LOCATION AND QUANTITY OF ROOF DUCT CAP PATCHES.



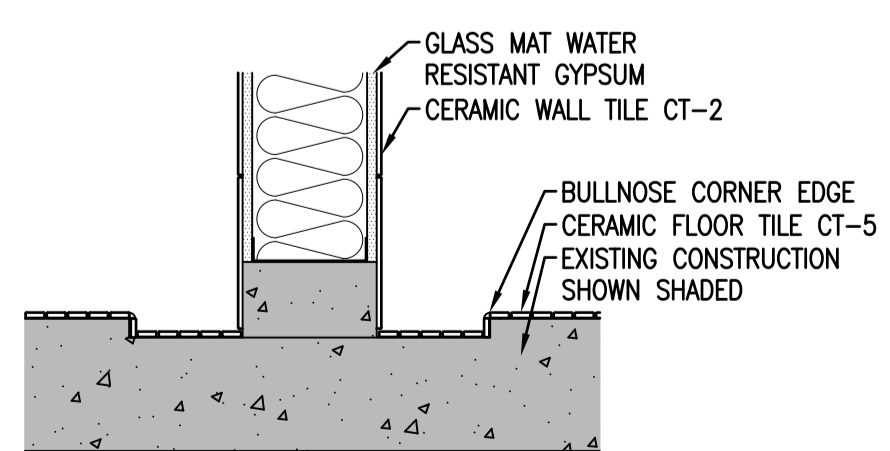
11
A4.1
1:5
EXHAUST DUCT
AT ROOF



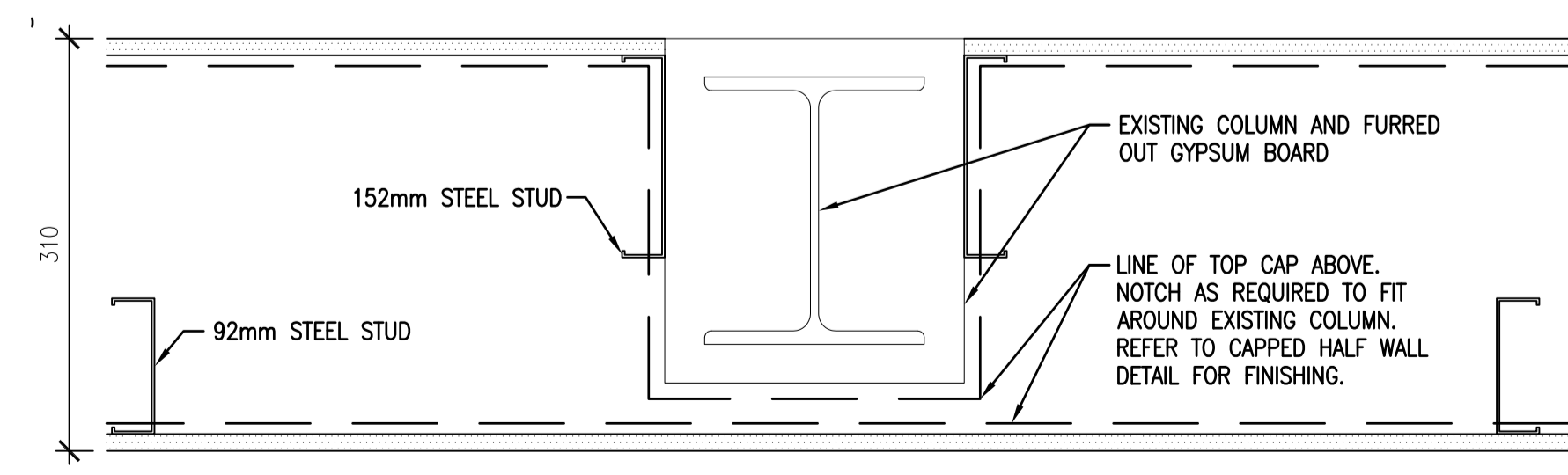
12
A4.1
1:5
F1 - SURFACE MOUNT



13
A4.1
1:5
HALF-WALL CAP DETAIL



14
A4.1
1:10 (EXISTING TRENCH DRAIN)
RE-TILED TRENCH DRAIN



15
A2.10
1:5
MODIFIED P5 PARTITION

DO NOT SCALE DRAWINGS

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**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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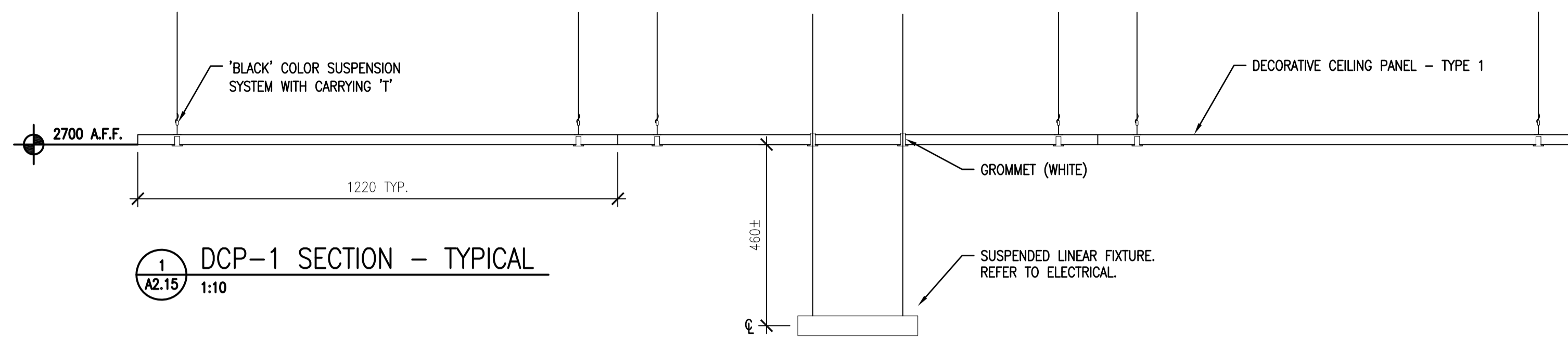
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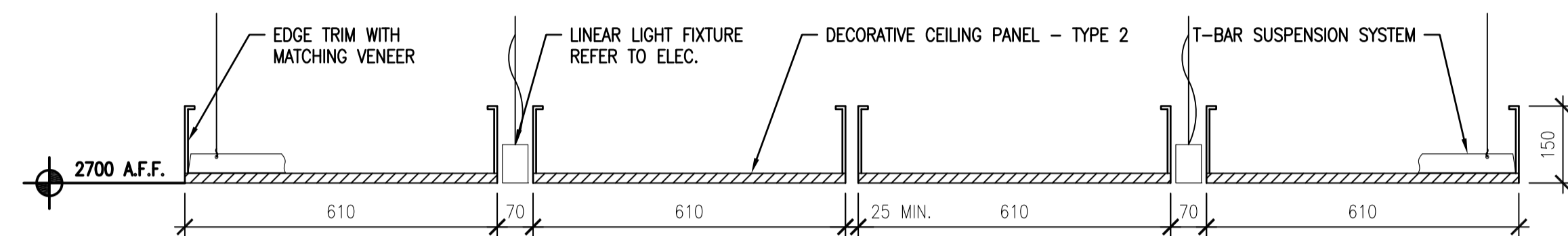
Drawing title/Titre du dessin

DETAILS

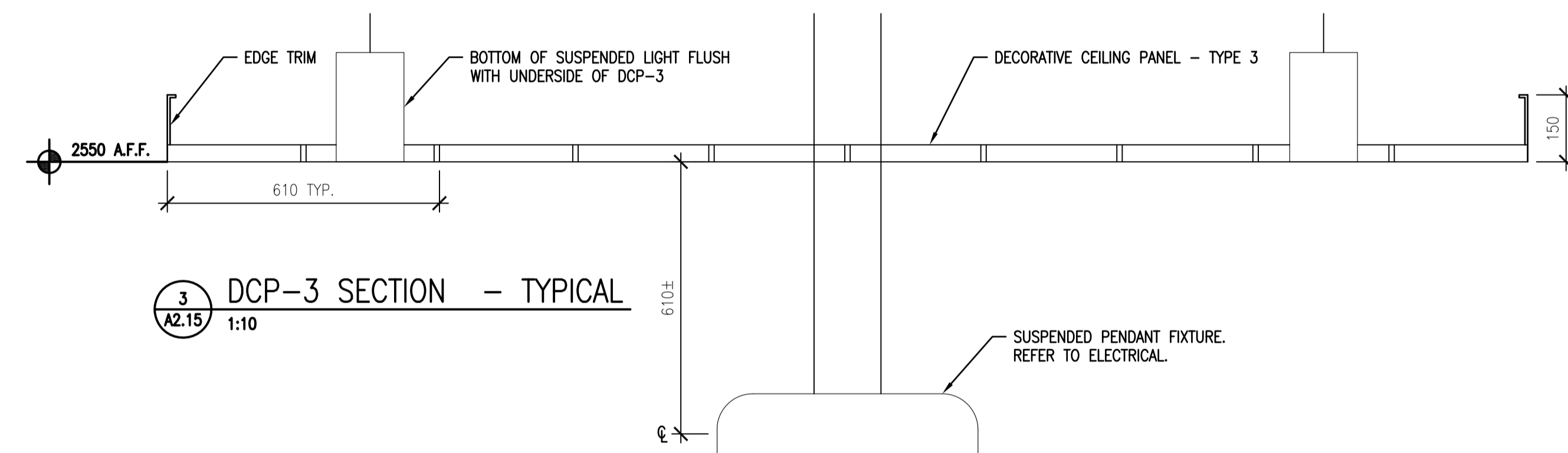
Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	A4.1	0



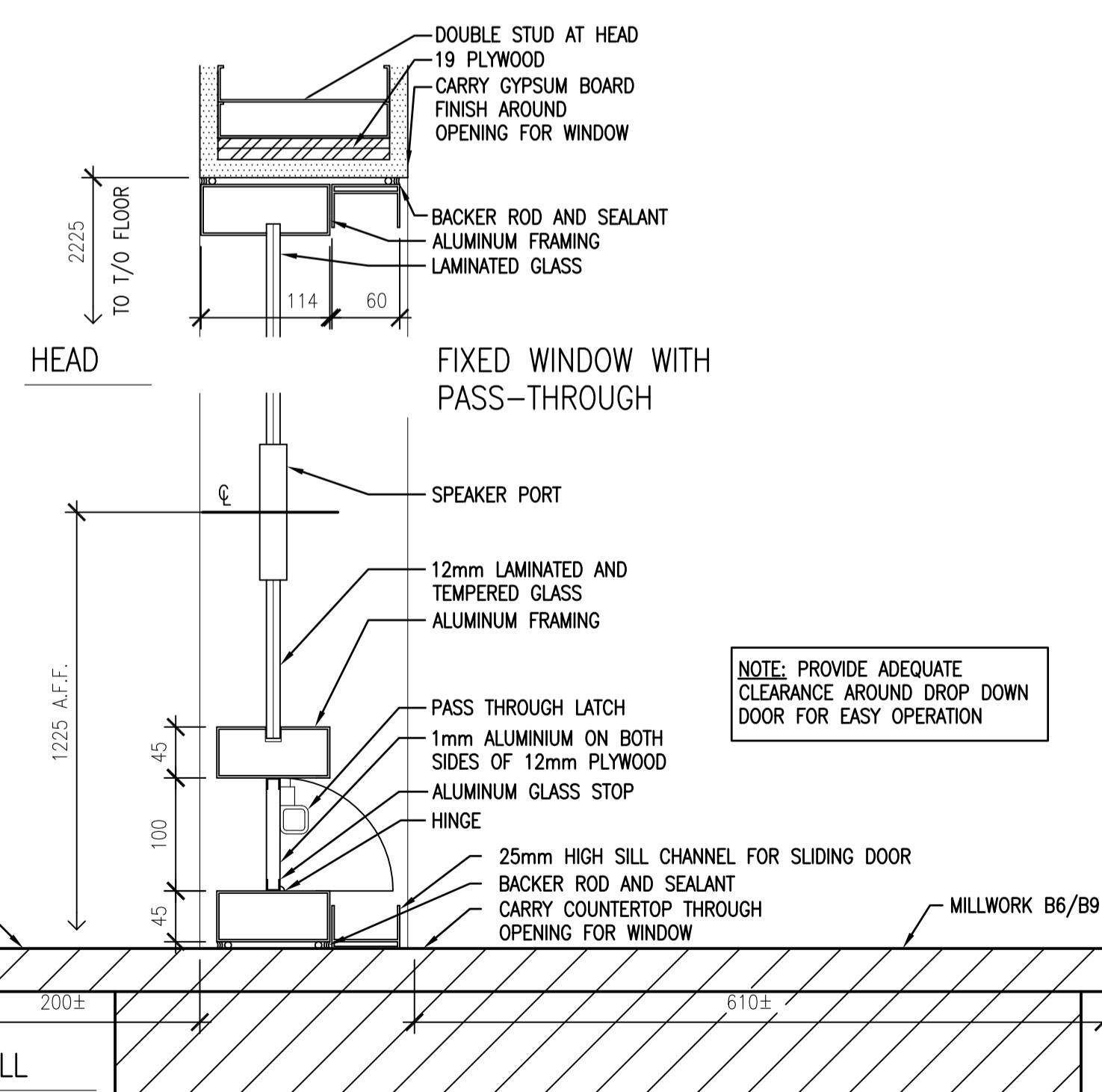
1 DCP-1 SECTION - TYPICAL
A2.15 1:10



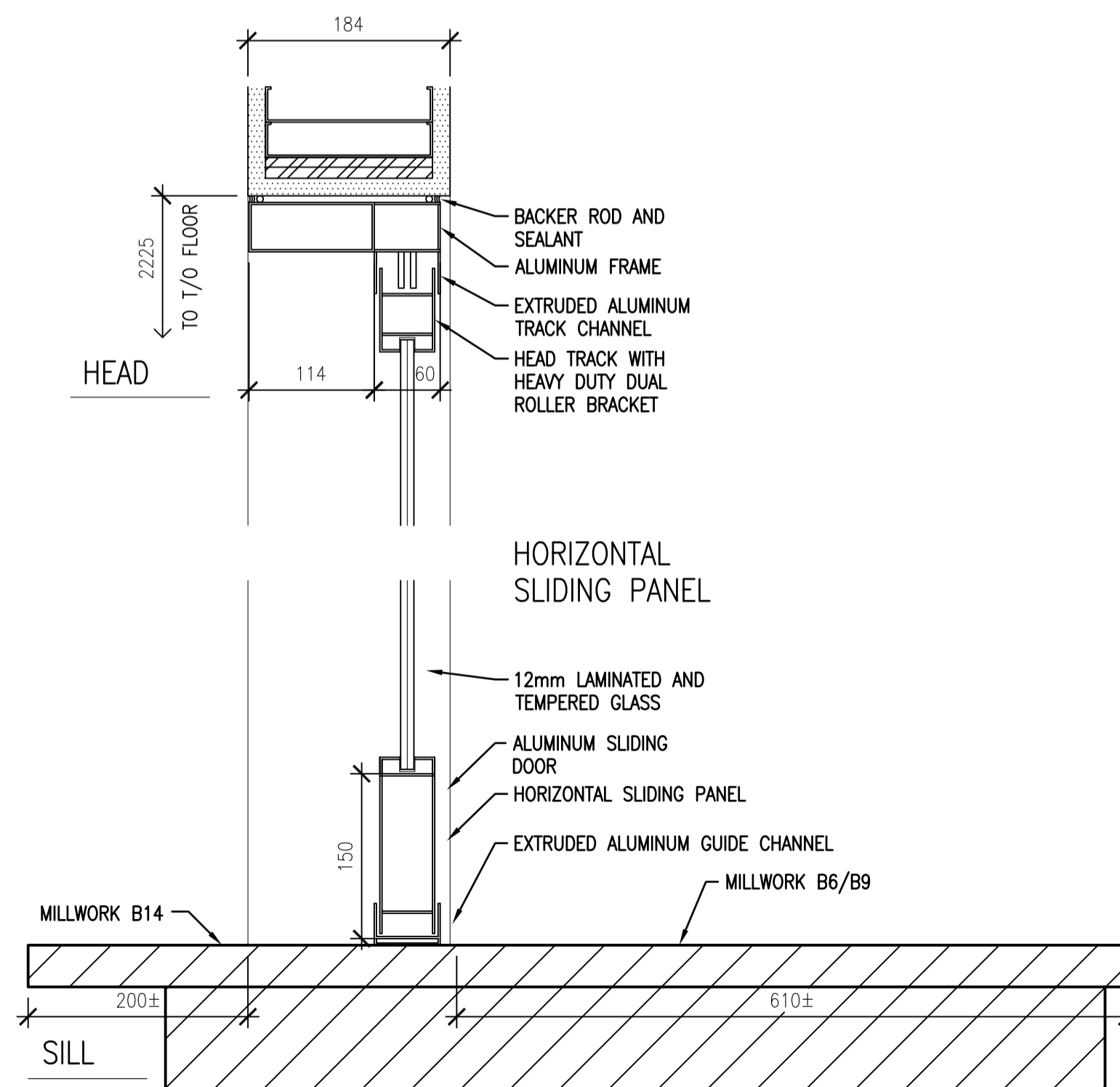
2 DCP-2 SECTION - TYPICAL
A2.15 1:10



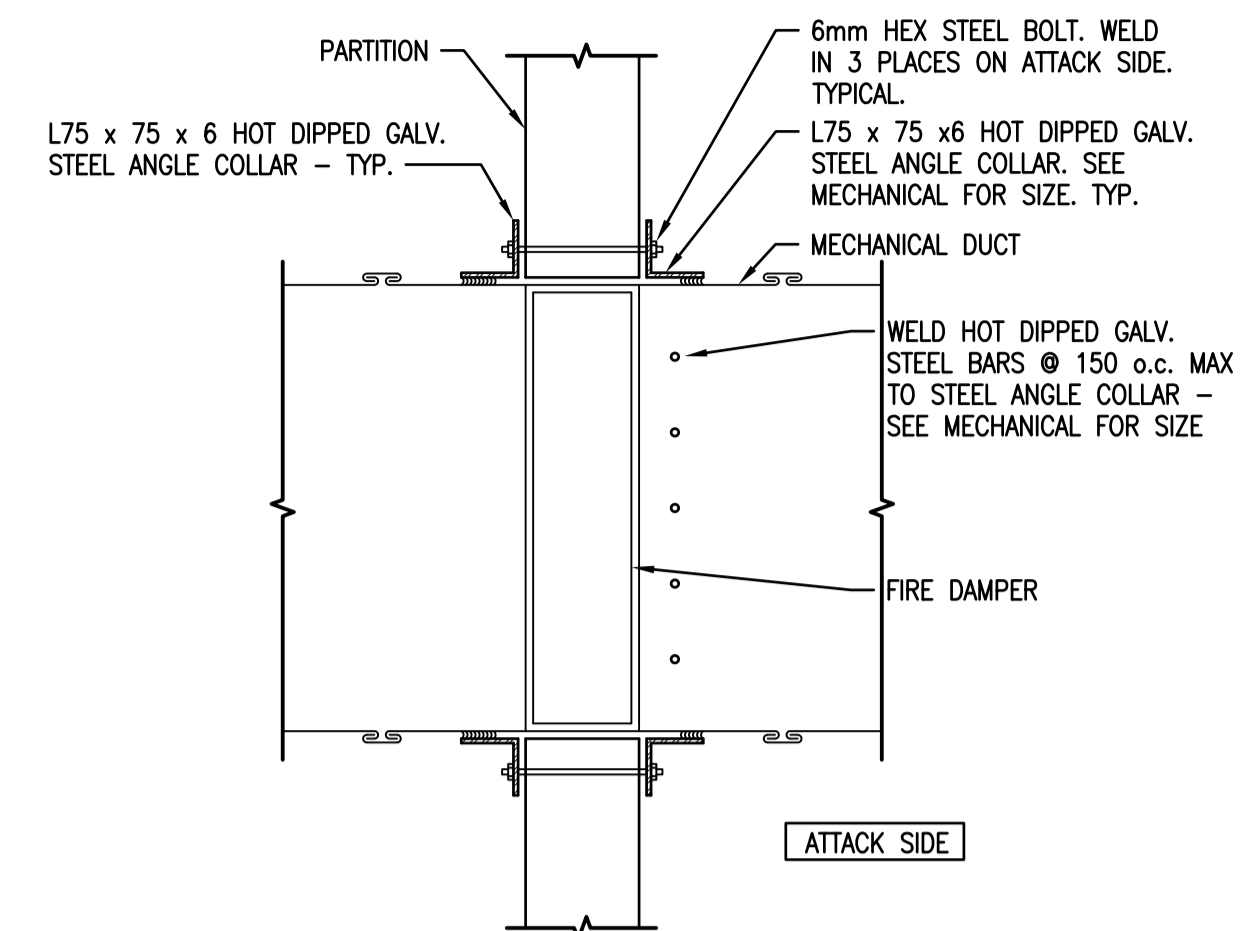
3 DCP-3 SECTION - TYPICAL
A2.15 1:10



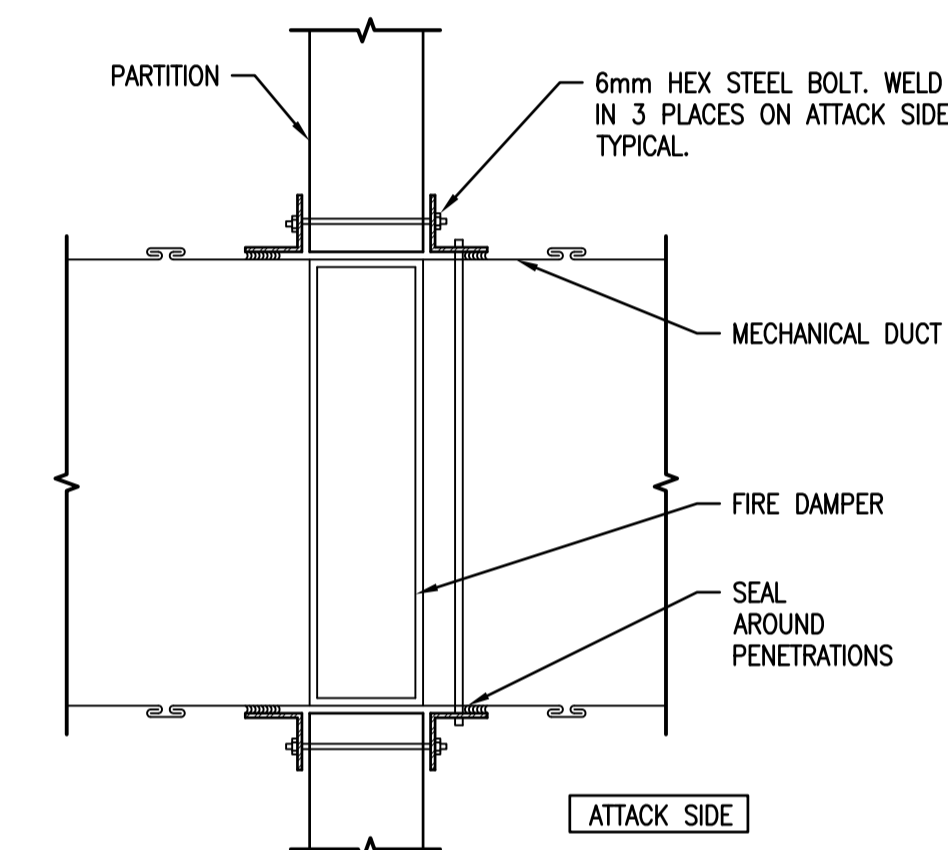
7 ANTI-VAULT ALUMINUM WINDOW (FIXED)
A3.1 1:5



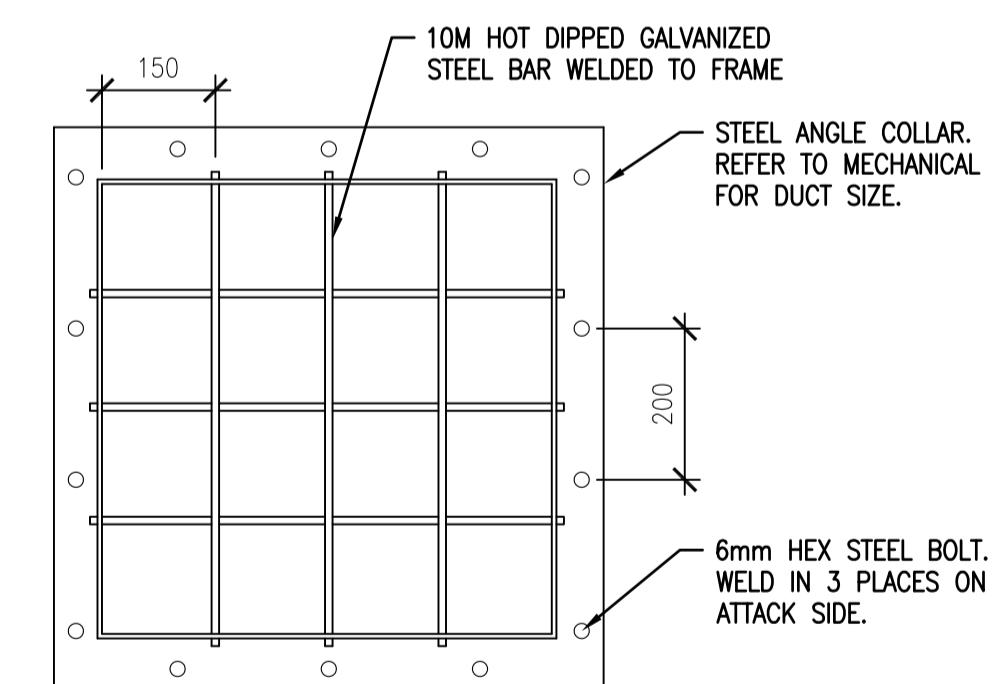
8 ANTI-VAULT ALUMINUM WINDOW (SLIDING)
A3.1 1:5



4 SECURE DUCT DETAIL - PLAN VIEW
A4.2 1:10

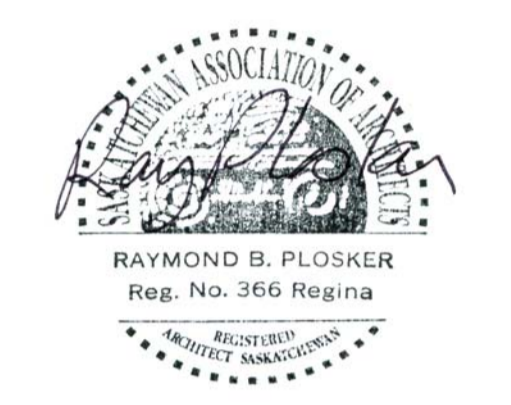


5 SECURE DUCT DETAIL - SECTION
A4.2 1:10



6 SECURE DUCT DETAIL - ELEVATION
A4.2 1:10

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



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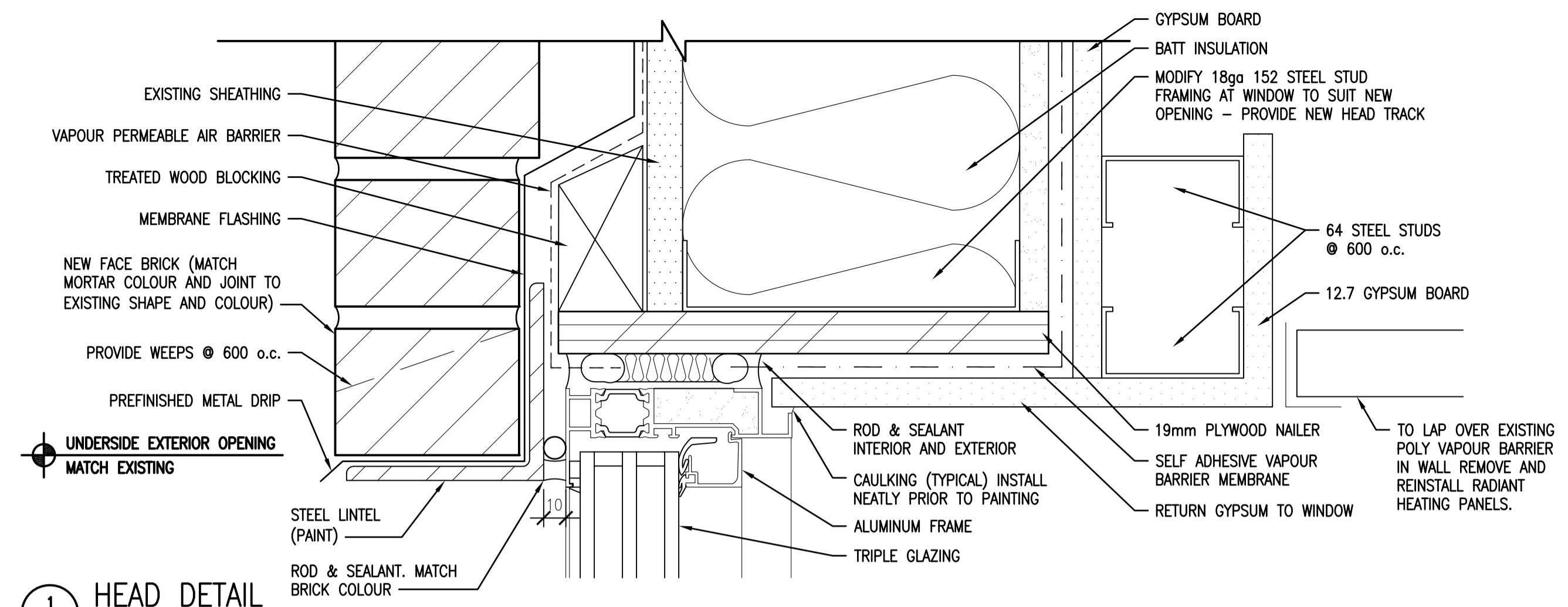
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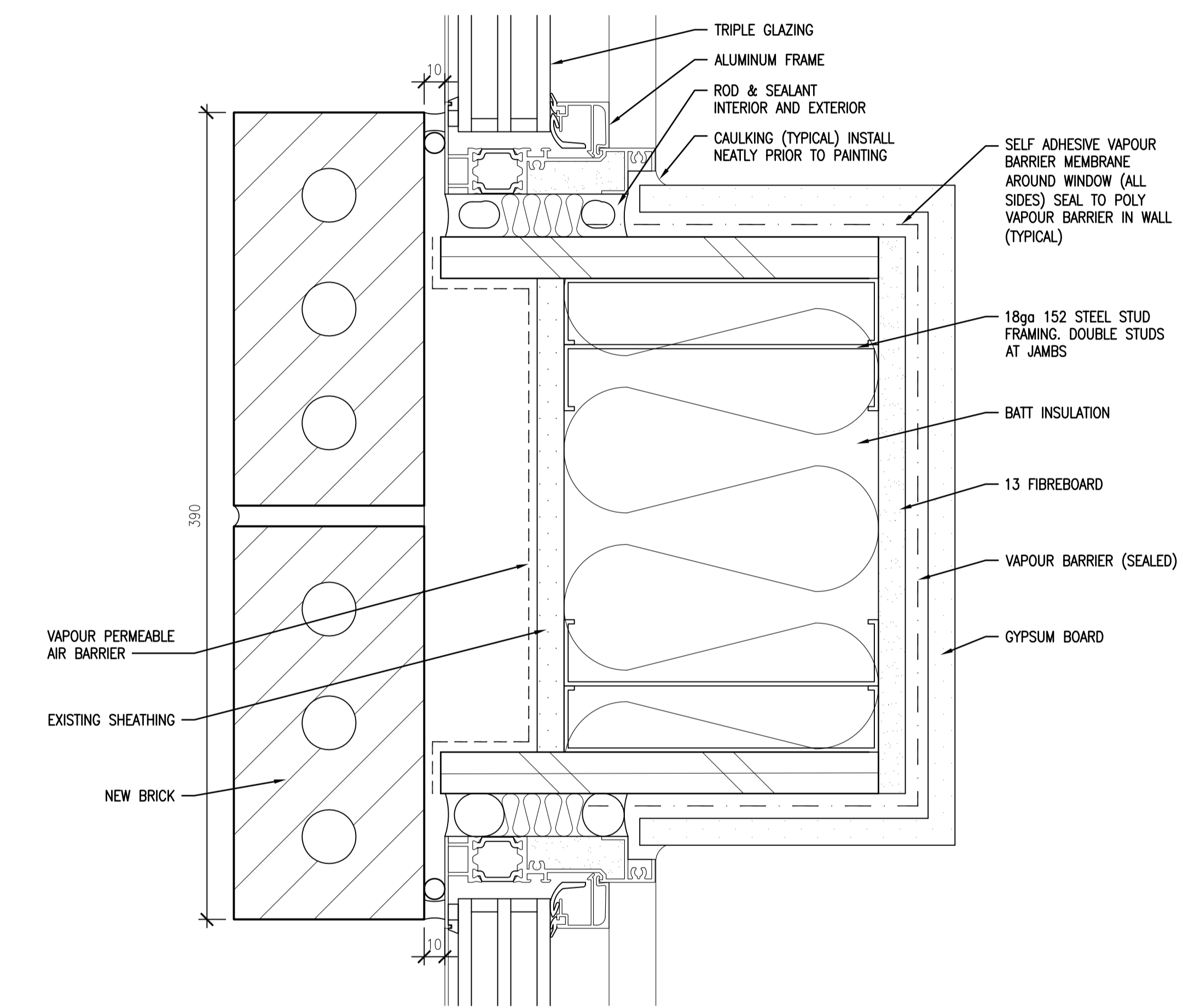
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DETAILS

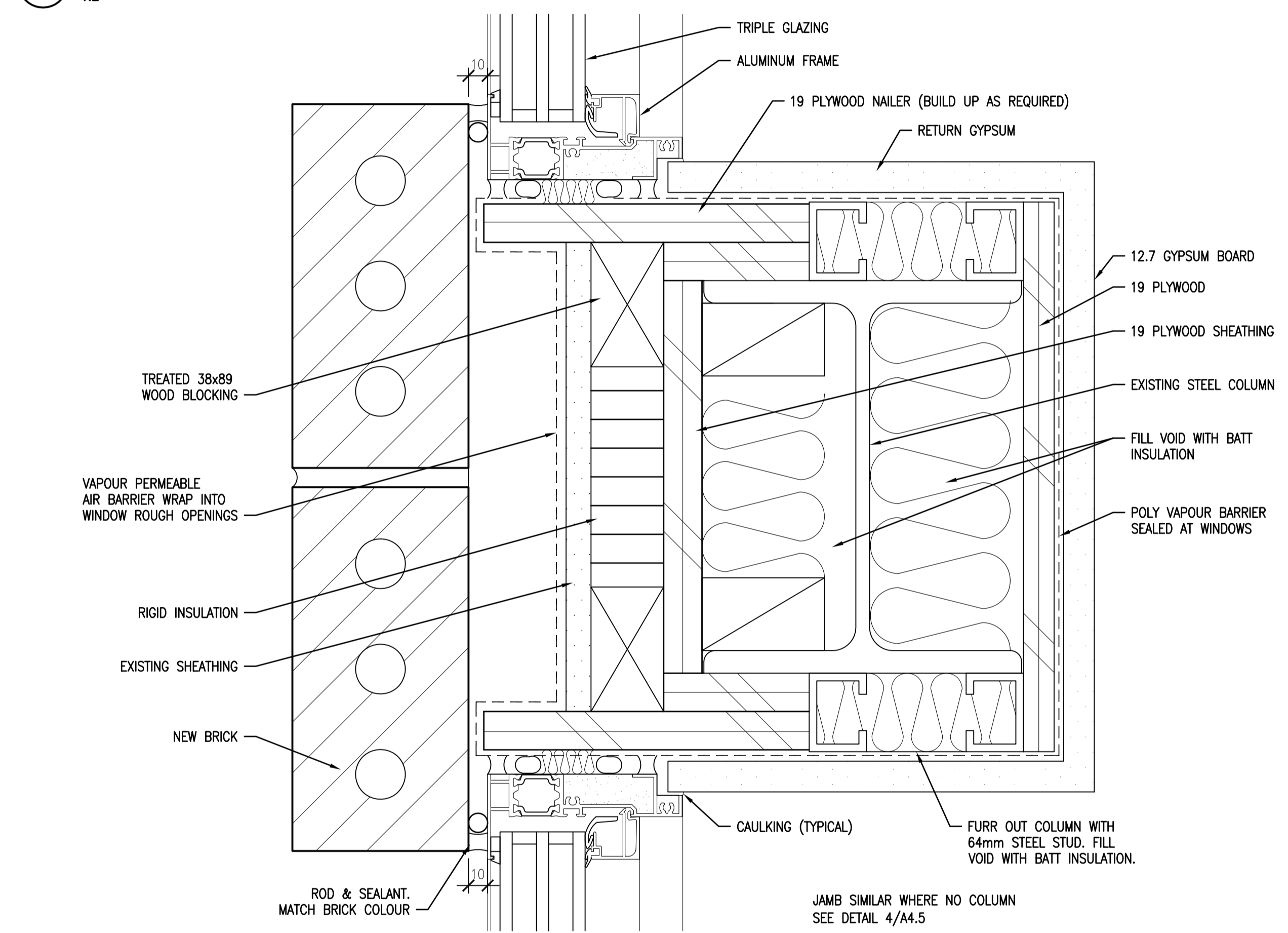
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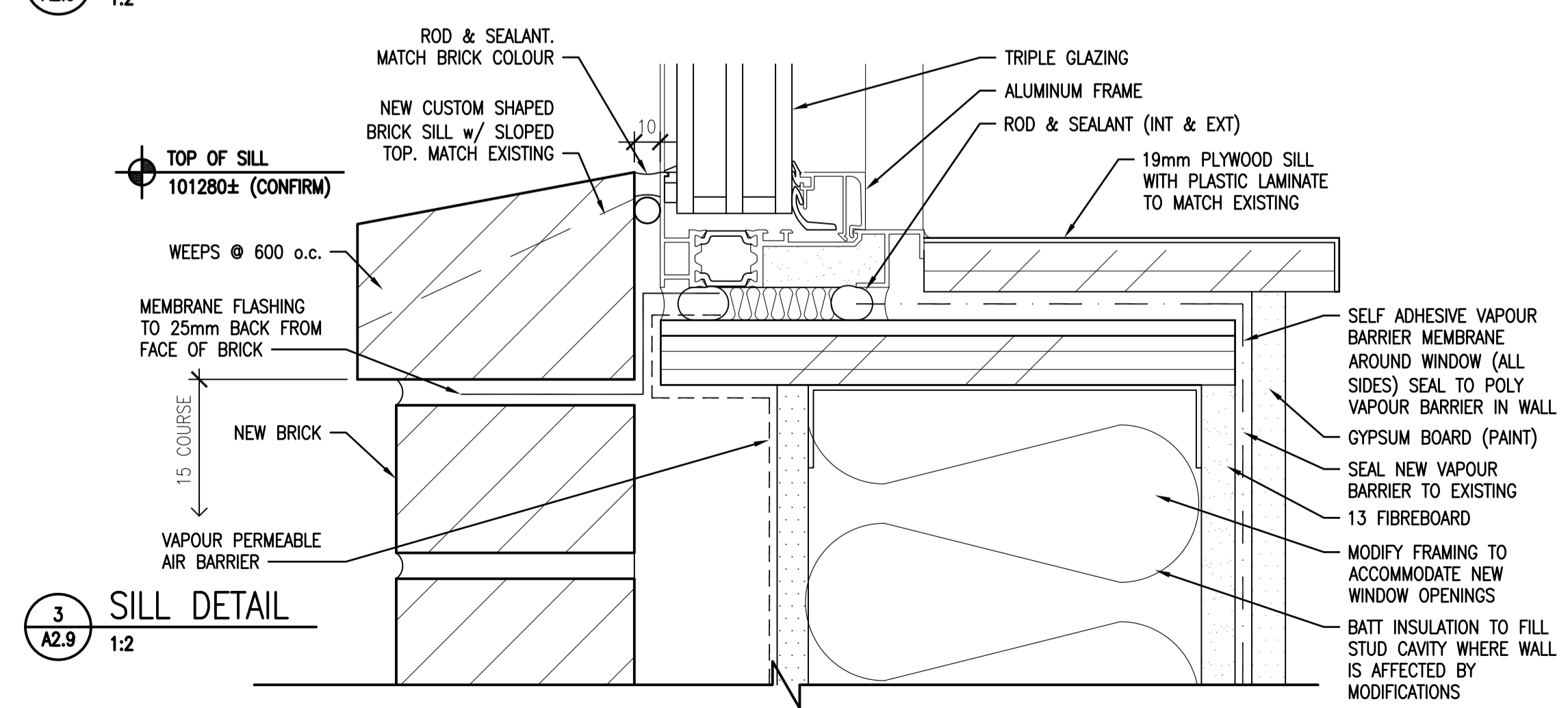
1 HEAD DETAIL
A2.9 1:2



2 JAMB DETAIL w/o COLUMN
A2.9 1:2



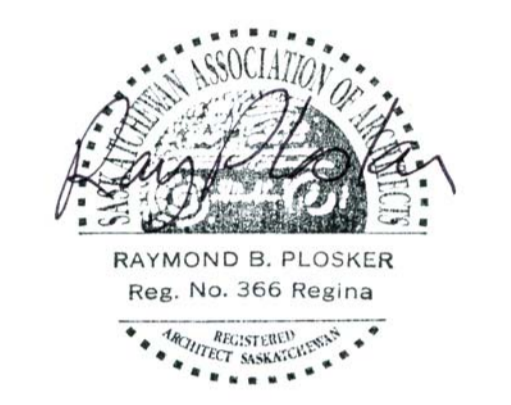
2 JAMB DETAIL AT INTERIOR COLUMN
A2.9 1:2



3 SILL DETAIL
A2.9 1:2

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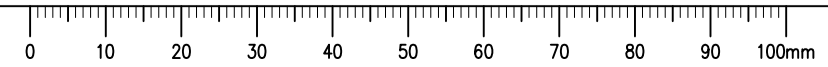
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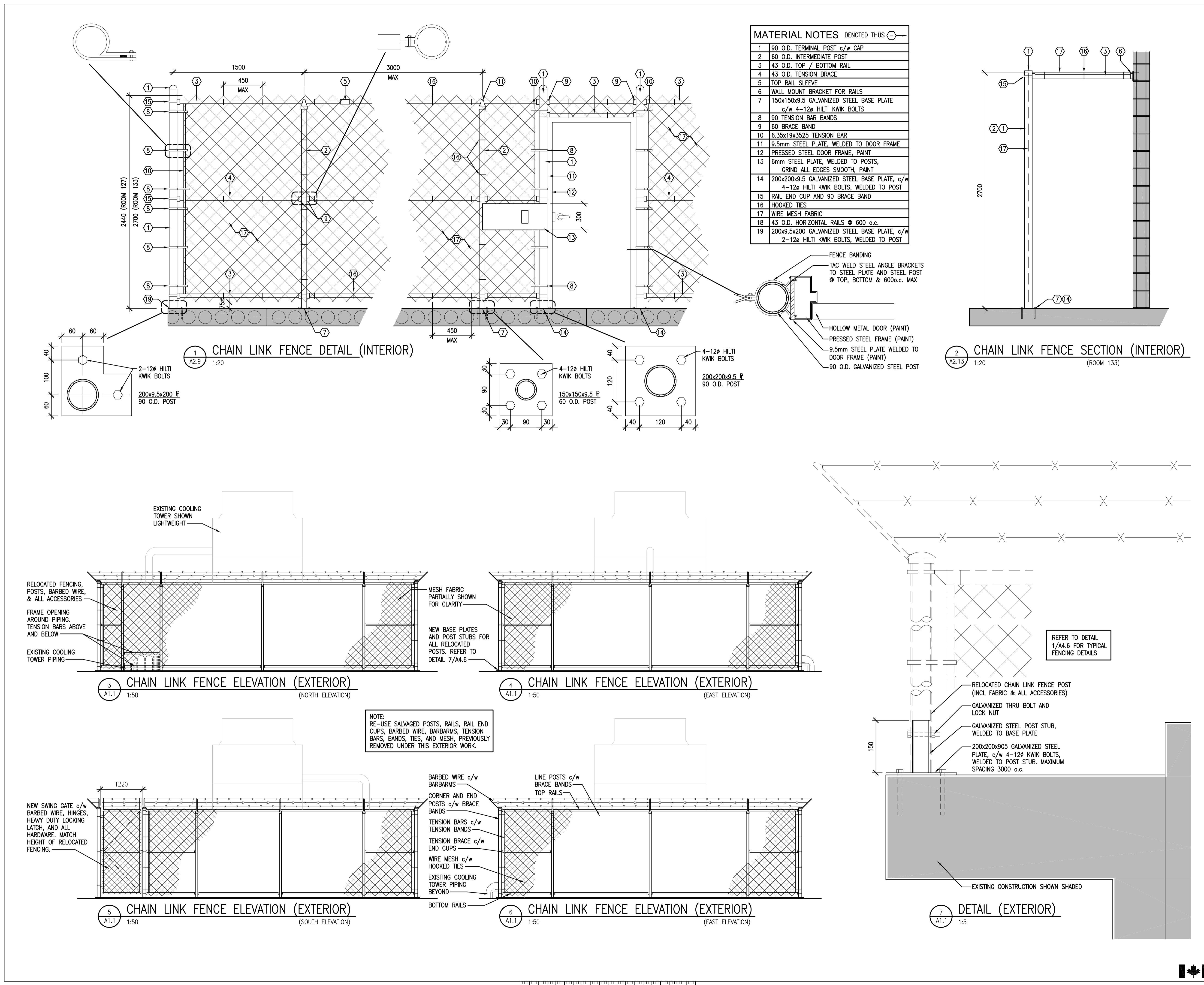
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WINDOW DETAILS

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
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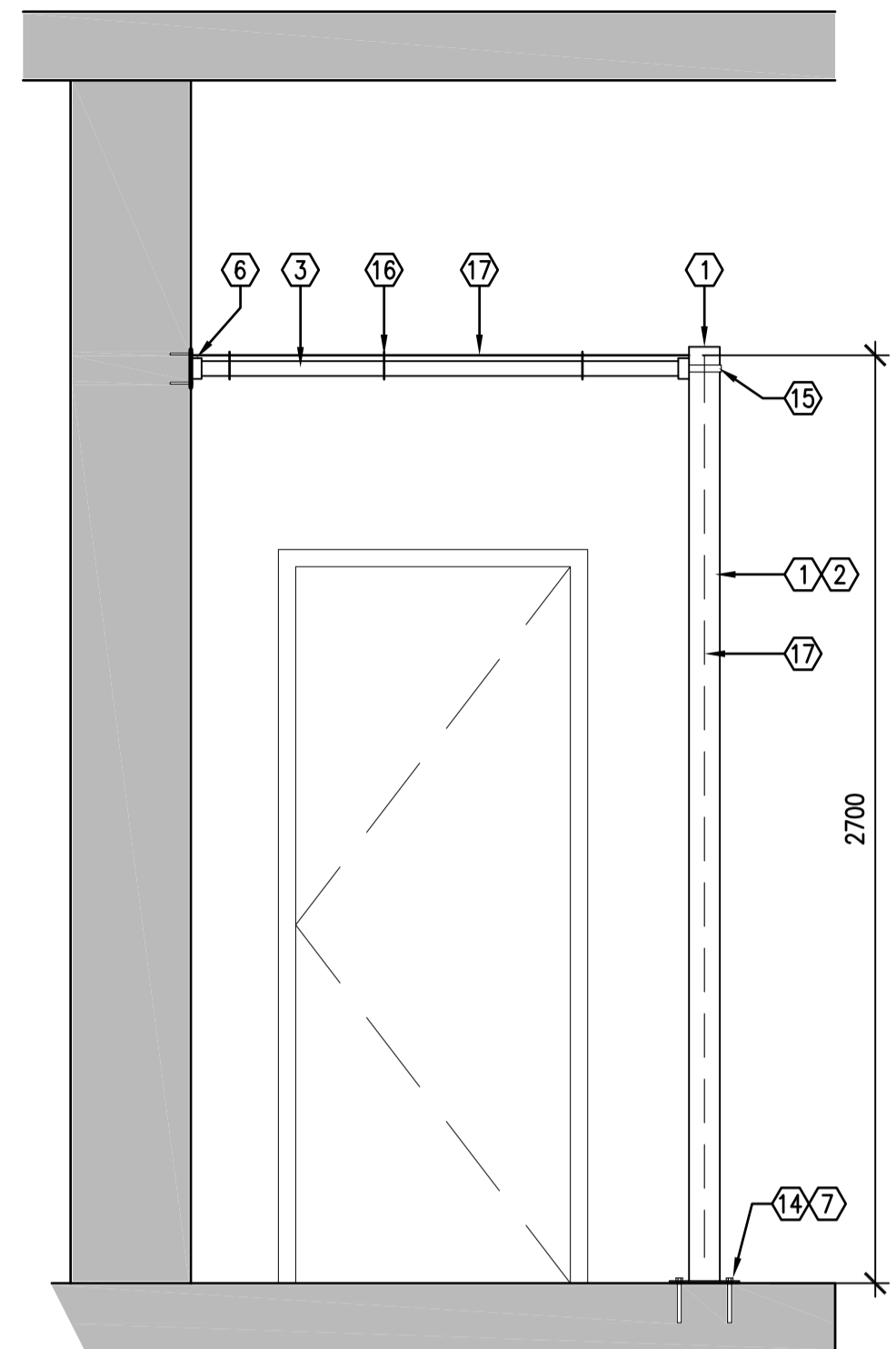
Revision/Revision	Description/Description	Date/Date
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**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

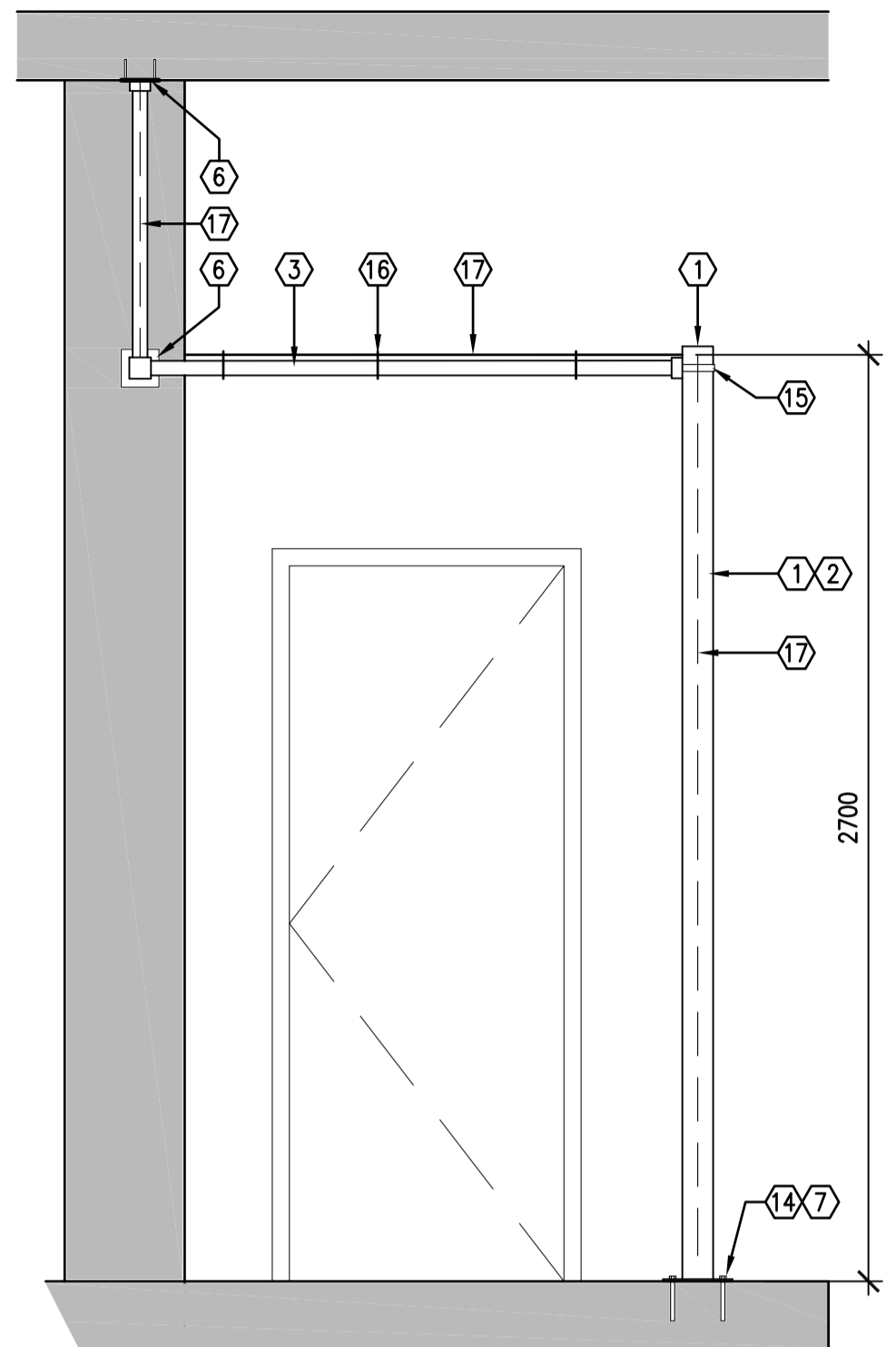
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DETAILS - CHAIN LINK ENCLOSURES

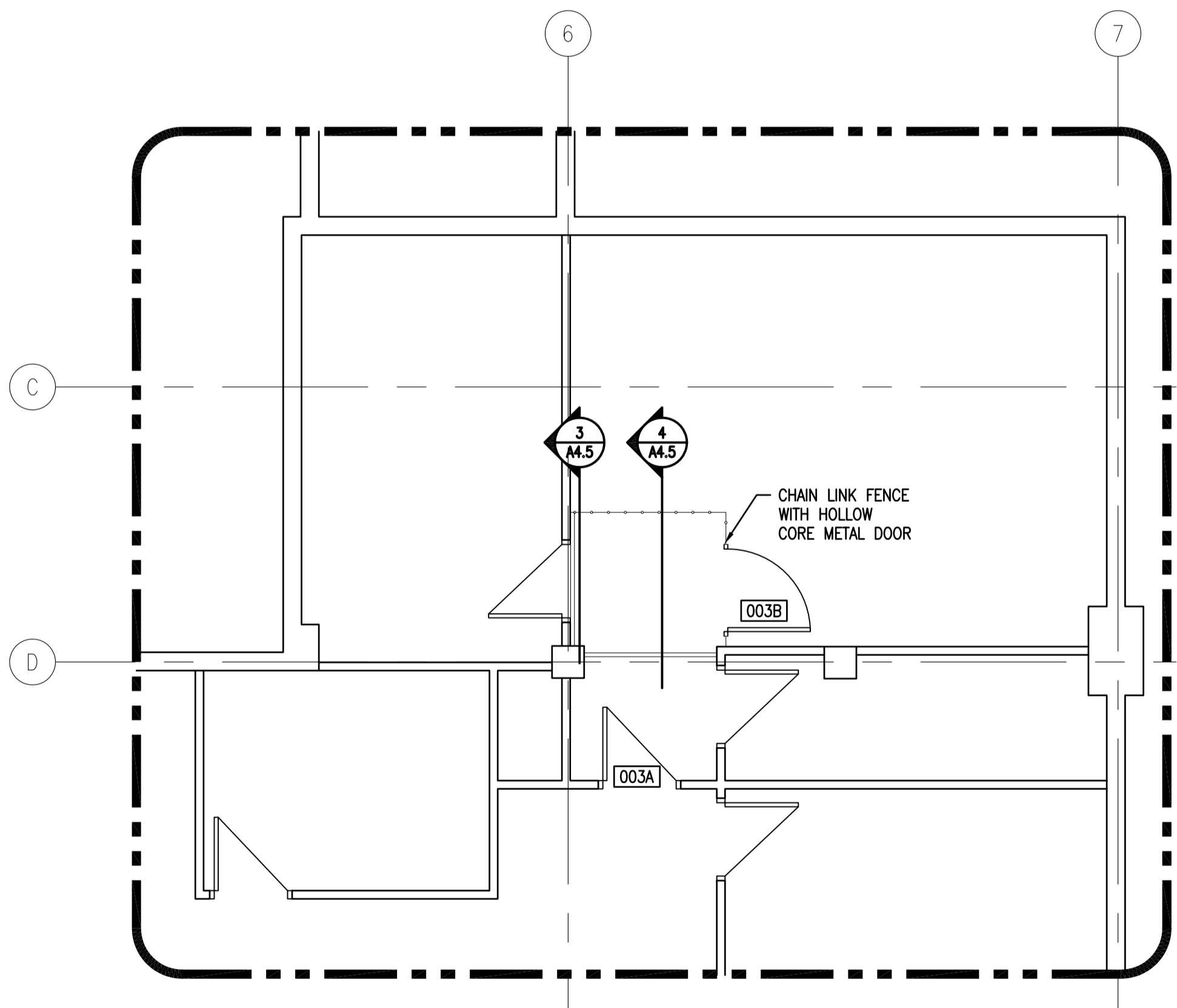
MATERIAL NOTES DENOTED THUS 	
1	90 O.D. TERMINAL POST c/w CAP
2	60 O.D. INTERMEDIATE POST
3	43 O.D. TOP / BOTTOM RAIL
4	43 O.D. TENSION BRACE
5	TOP RAIL SLEEVE
6	WALL MOUNT BRACKET FOR RAILS
7	150x150x9.5 GALVANIZED STEEL BASE PLATE c/w 4-12# HILTI KWIK BOLTS
8	90 TENSION BAR BANDS
9	60 BRACE BAND
10	6.35x19x352S TENSION BAR
11	9.5mm STEEL PLATE, WELDED TO DOOR FRAME
12	PRESSED STEEL DOOR FRAME, PAINT
13	6mm STEEL PLATE, WELDED TO POSTS, GRIND ALL EDGES SMOOTH, PAINT
14	200x200x9.5 GALVANIZED STEEL BASE PLATE, c/w 4-12# HILTI KWIK BOLTS, WELDED TO POST
15	RAIL END CUP AND 90 BRACE BAND
16	HOKED TIES
17	WIRE MESH FABRIC
18	43 O.D. HORIZONTAL RAILS @ 600 o.c.
19	200x9.5x200 GALVANIZED STEEL BASE PLATE, c/w 2-12# HILTI KWIK BOLTS, WELDED TO POST



1 CHAIN LINK FENCE SECTION
A4.5 1:20 (ROOM 003)



2 CHAIN LINK FENCE SECTION
A4.5 1:20 (ROOM 003)



3 PARTIAL BASEMENT FLOOR PLAN
A4.5 1:50

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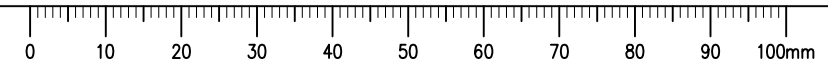
Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie

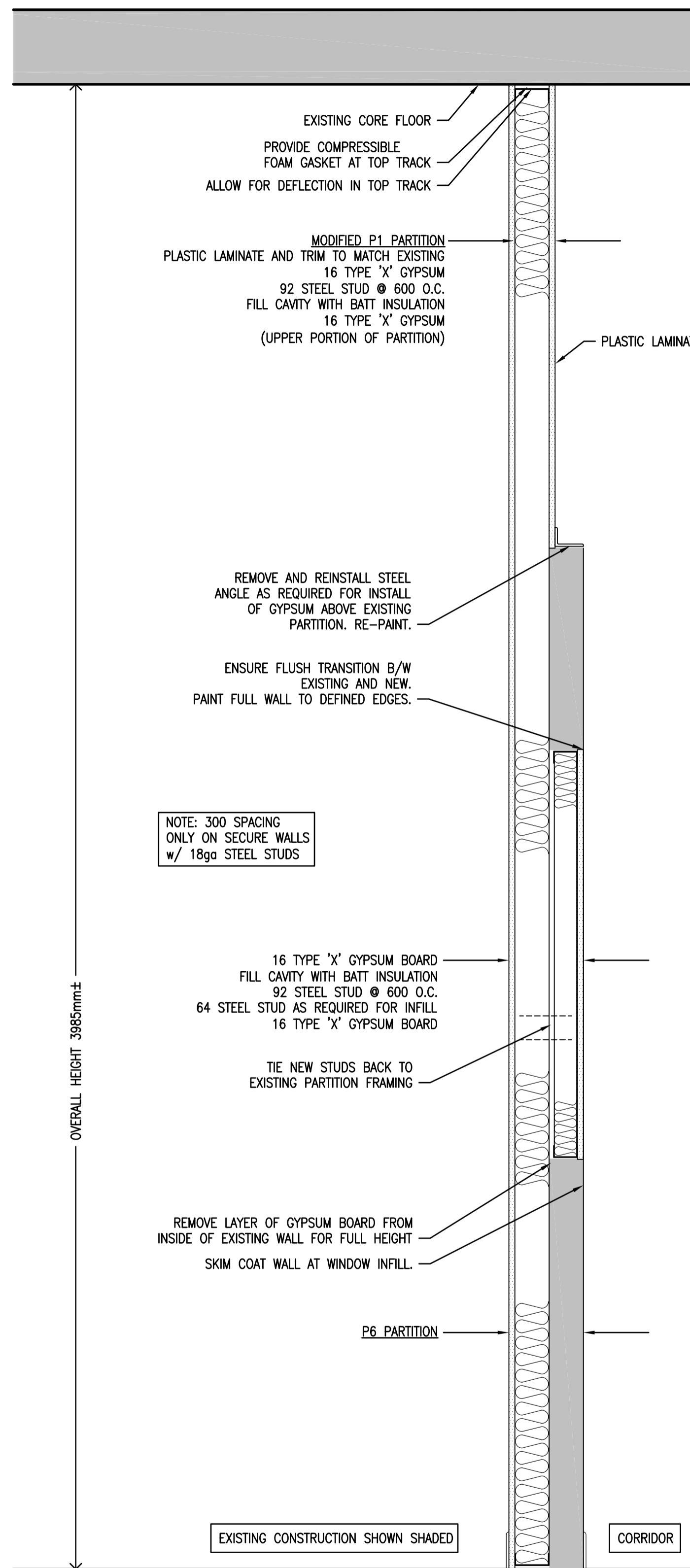
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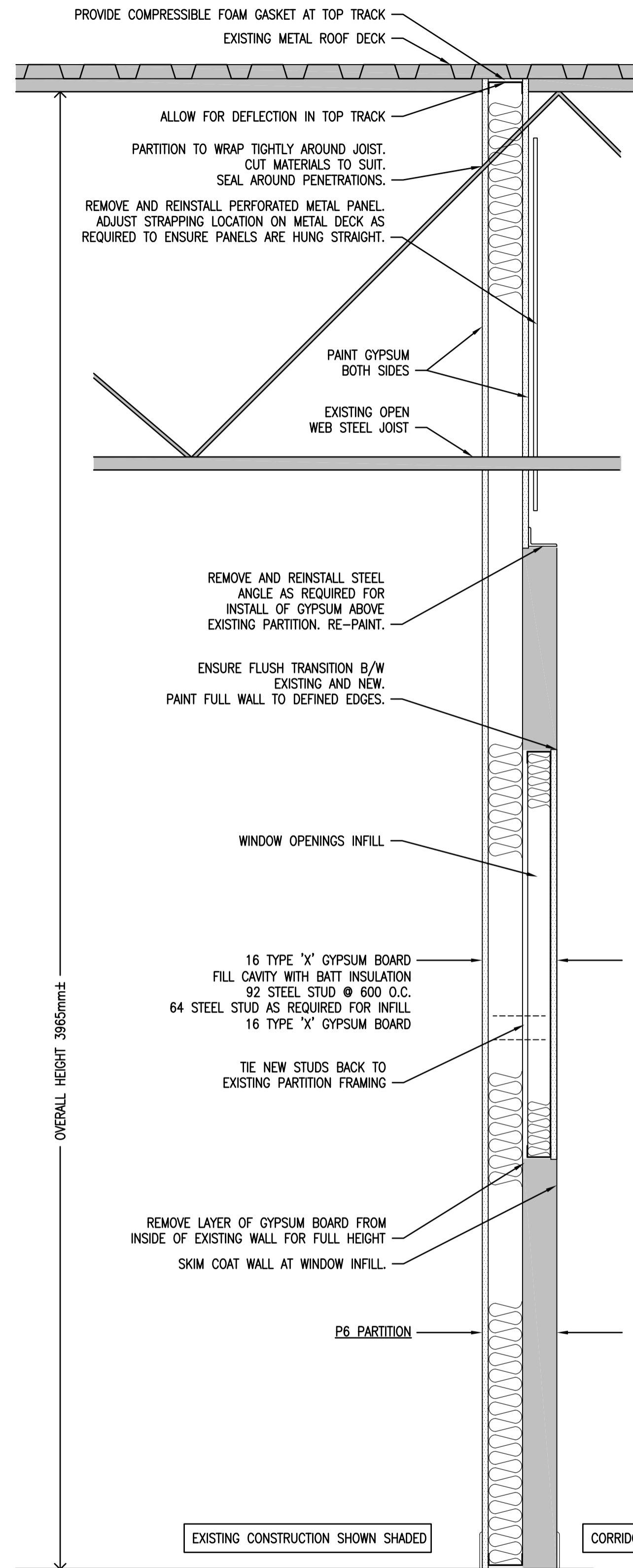
DETAILS - CHAIN LINK ENCLOSURES

Project No./No. du projet 30/2015	Sheet/ Feuille A4.5	Revision no./ La Révision no. 0
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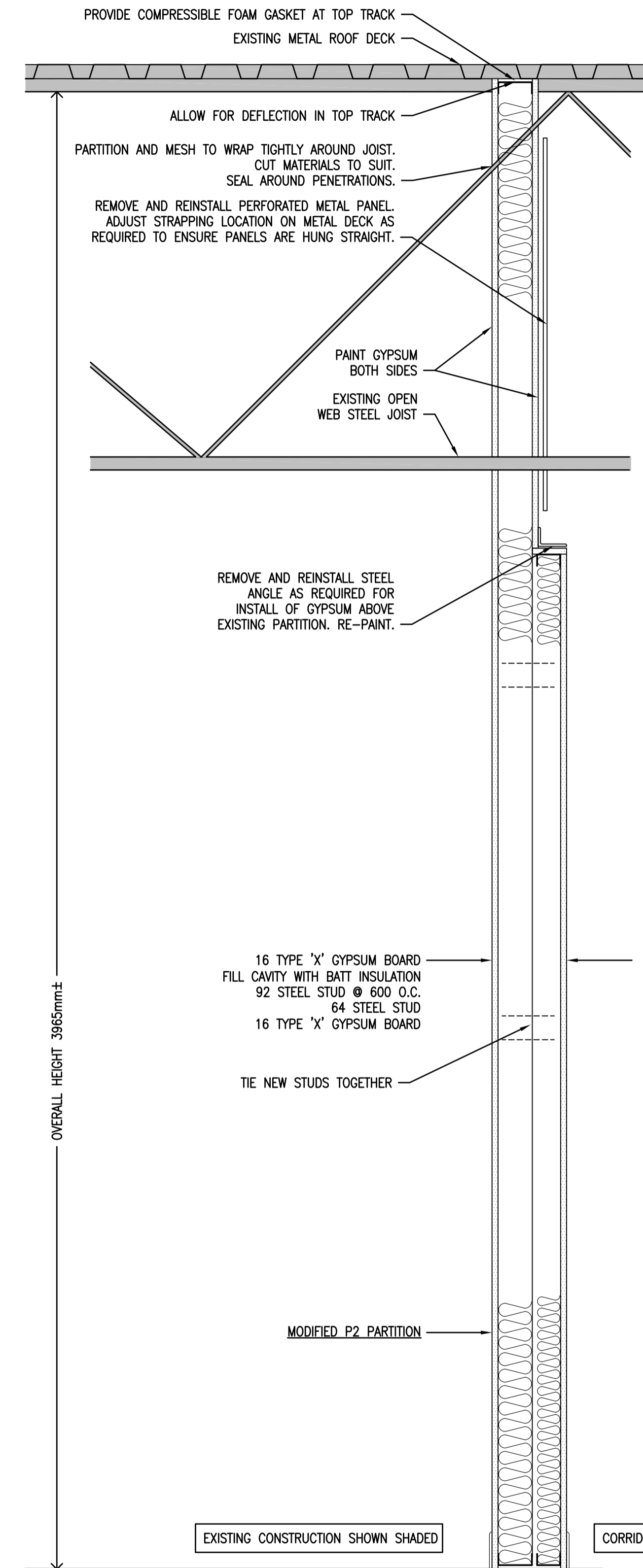




1 MAIN FLOOR INFILL CORRIDOR PARTITION SECTION
A4.6 1:10 P6 PARTITION TYPE



2 SECOND FLOOR INFILL CORRIDOR PARTITION SECTION
A4.6 1:10 P6 PARTITION TYPE



3 SECOND FLOOR CORRIDOR PARTITION SECTION
A4.6 1:10 P2 PARTITION TYPE (MODIFIED)



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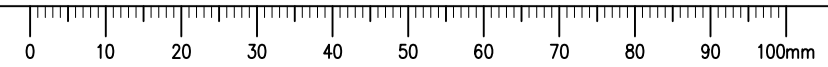
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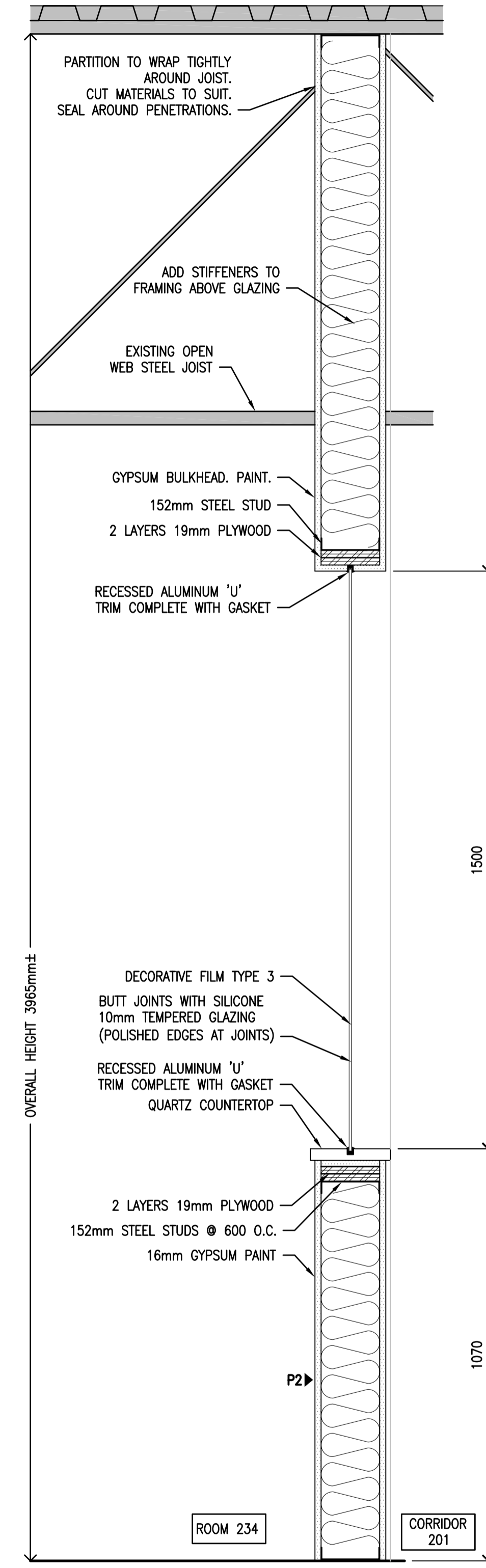
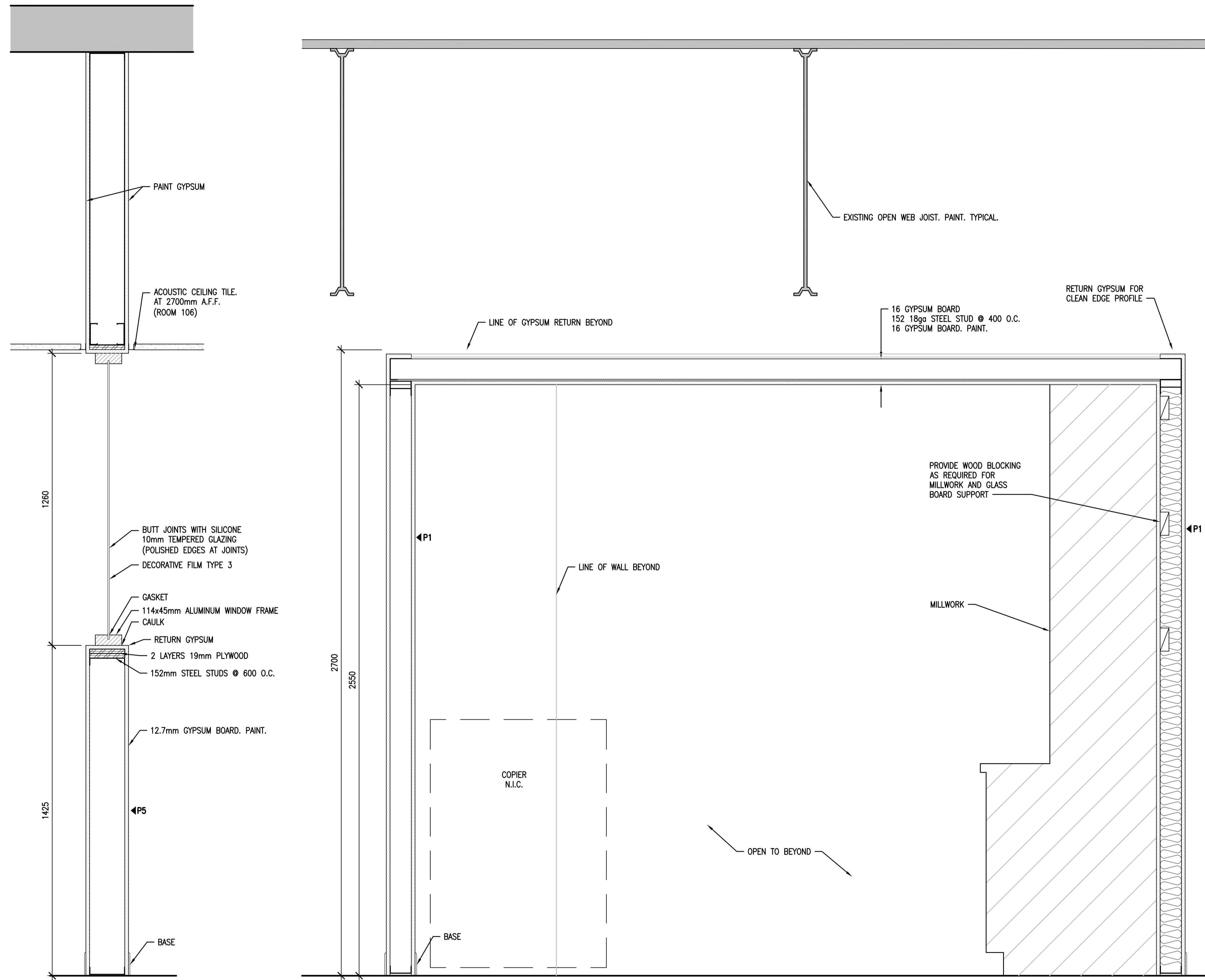
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CORRIDOR PARTITION SECTIONS



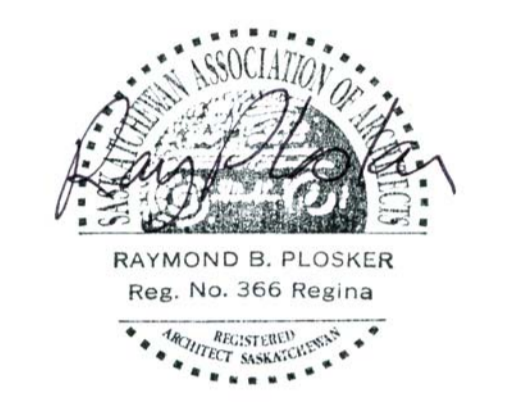


1
A2.10
1:10
DETAIL GLAZING 1
(ROOM 106)

2
A2.12
1:10
SHARED EQUIPMENT AREA - SECOND FLOOR WEST

3
A2.11
1:10
DETAIL - GLAZING 2
(ROOM 234)

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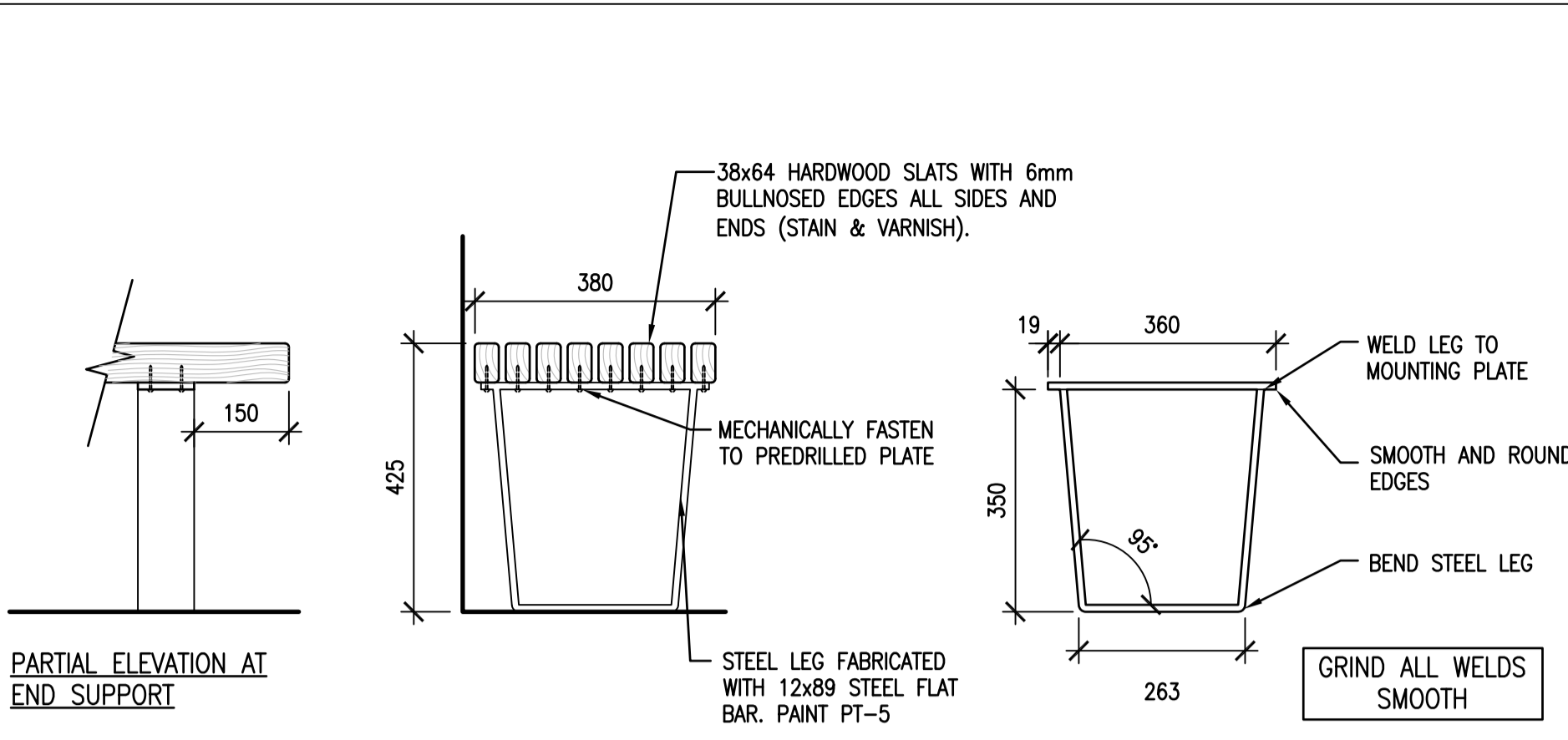
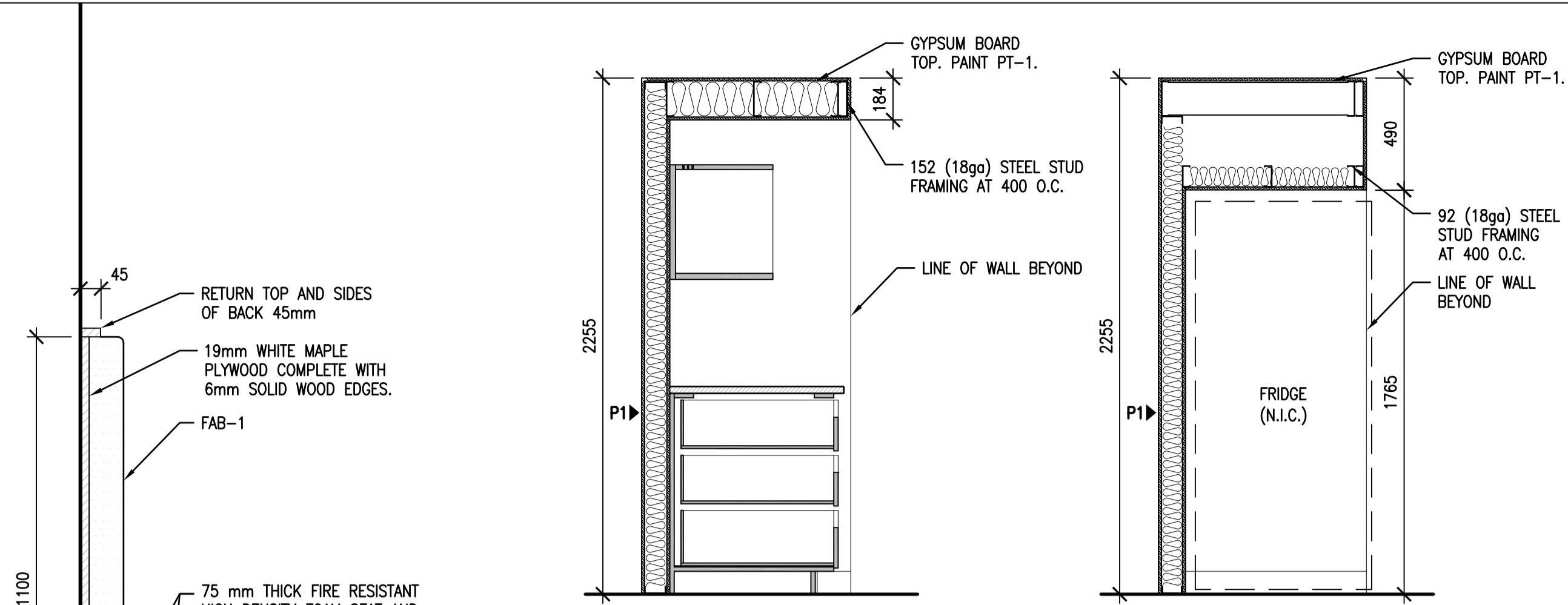
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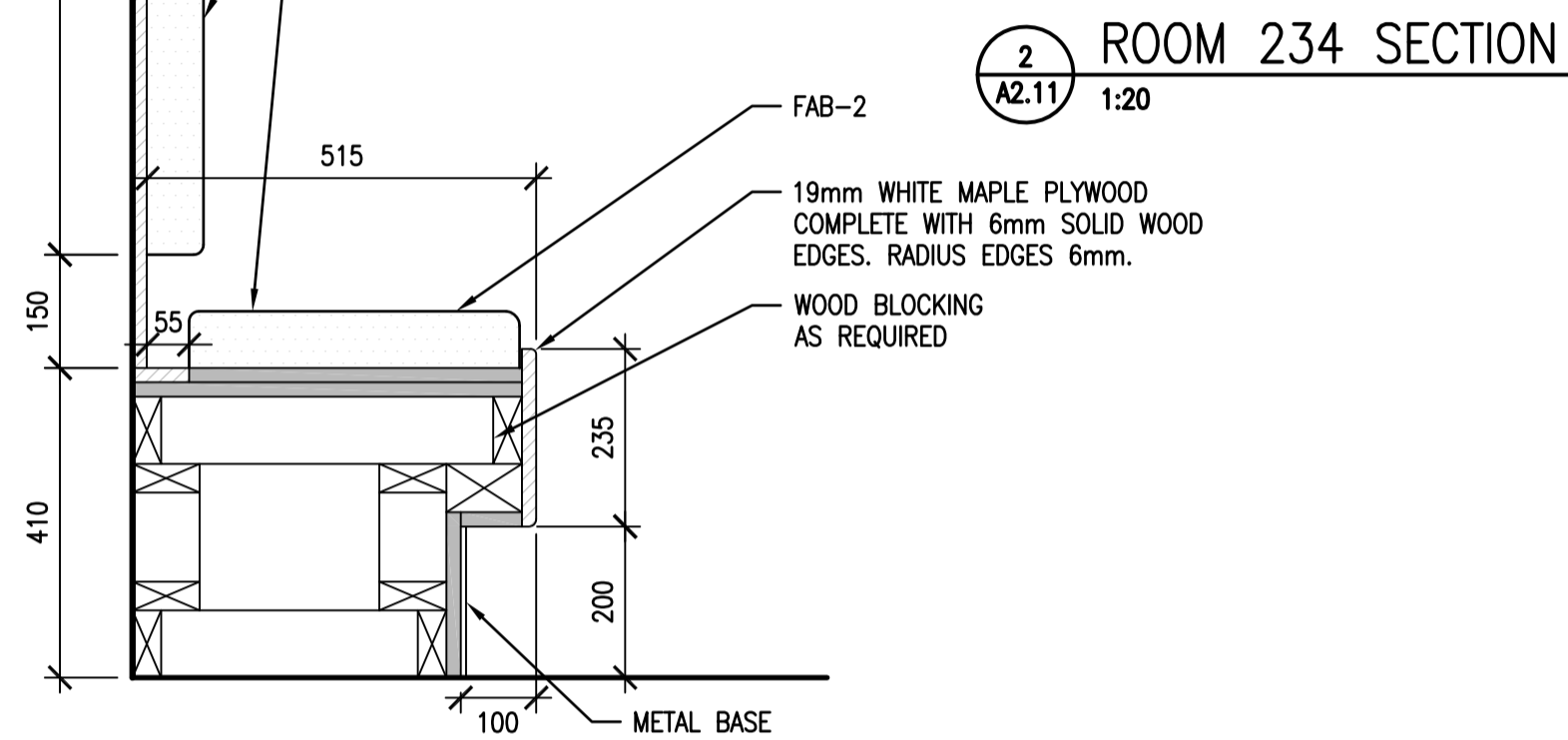
Drawing title/Titre du dessin

SECTIONS

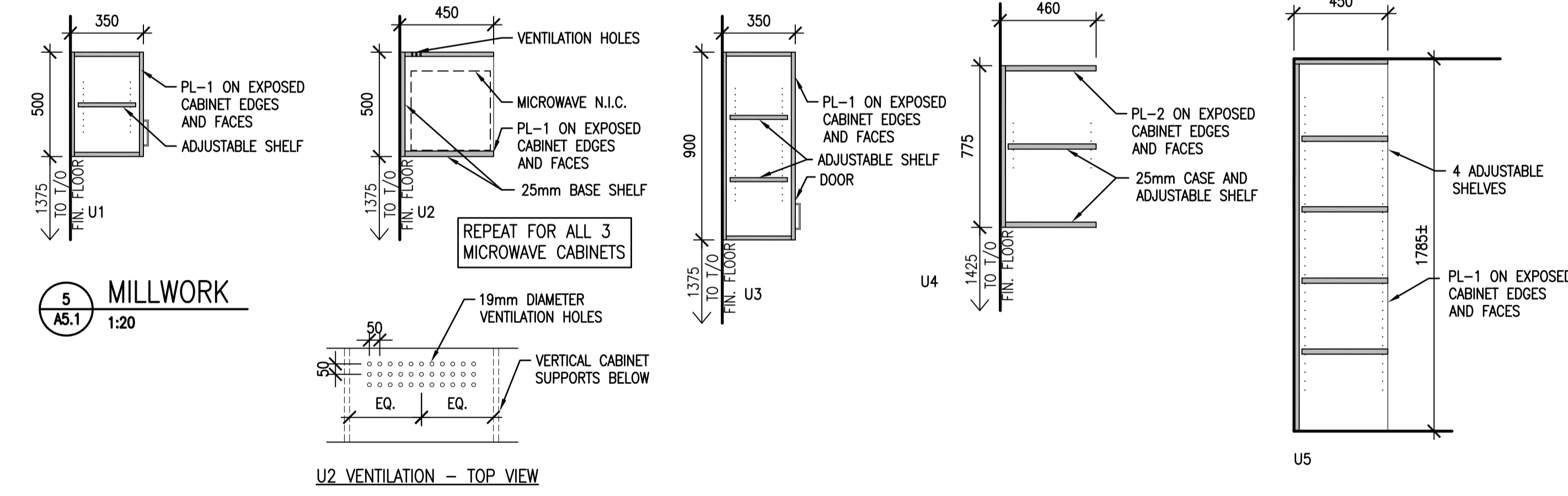
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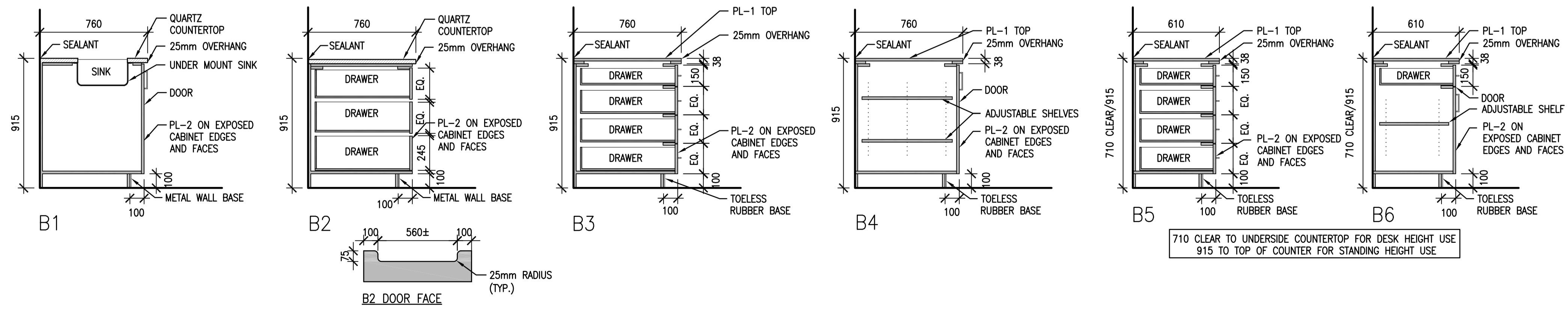
4 ROOM 128 & 129 BENCH
A5.1 1:10



1 ROOM 234 BENCH SEATING
A2.11 1:10 (SEE ISOMETRIC 6/A5.1)



5 MILLWORK
A5.1 1:20



B1

B2

B3

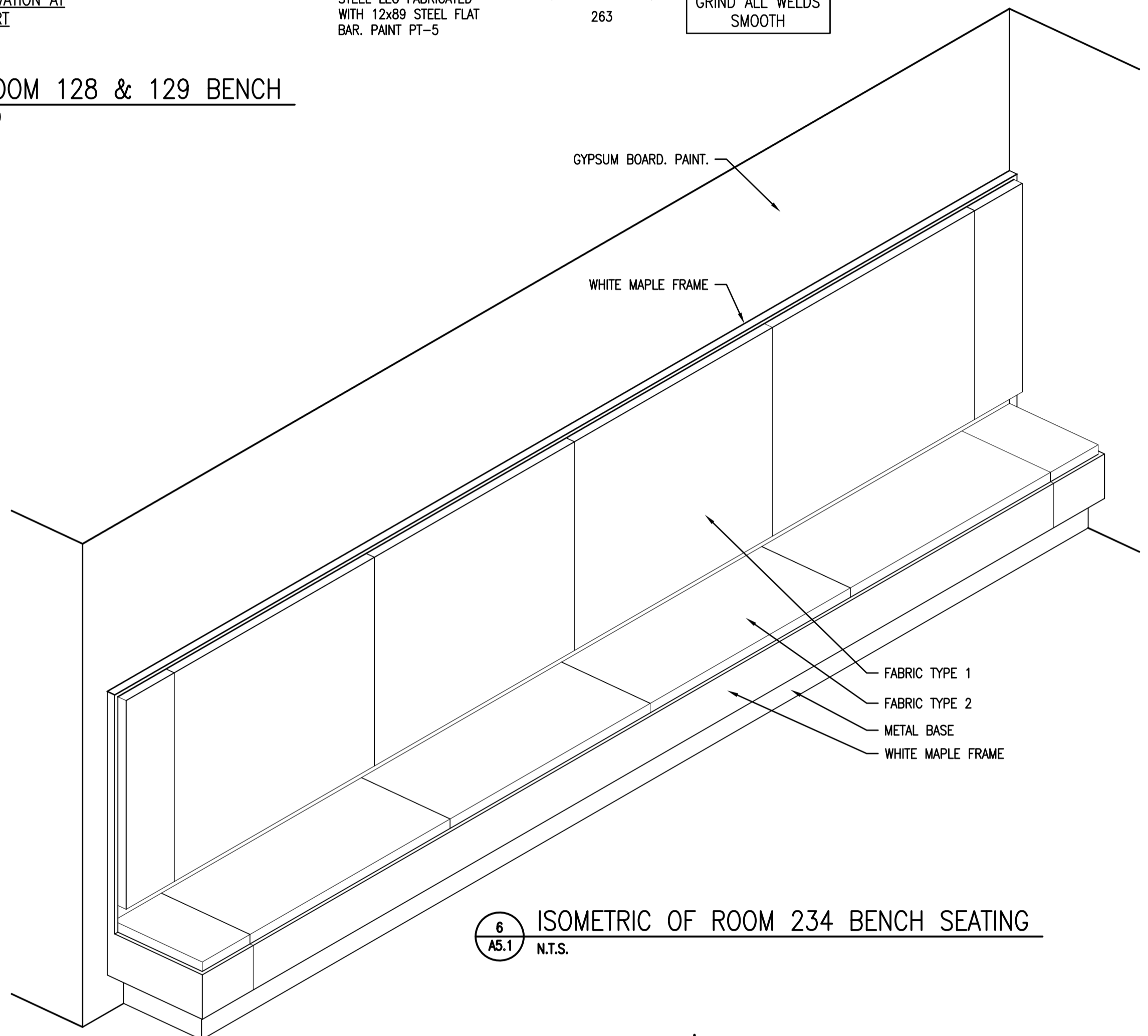
B4

B5

B6

B7

710 CLEAR TO UNDERSIDE COUNTERTOP FOR DESK HEIGHT USE
915 TO TOP OF COUNTER FOR STANDING HEIGHT USE



6 ISOMETRIC OF ROOM 234 BENCH SEATING
A5.1 N.T.S.



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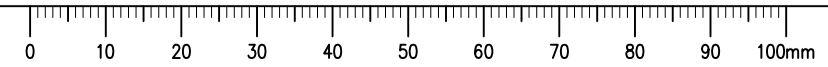
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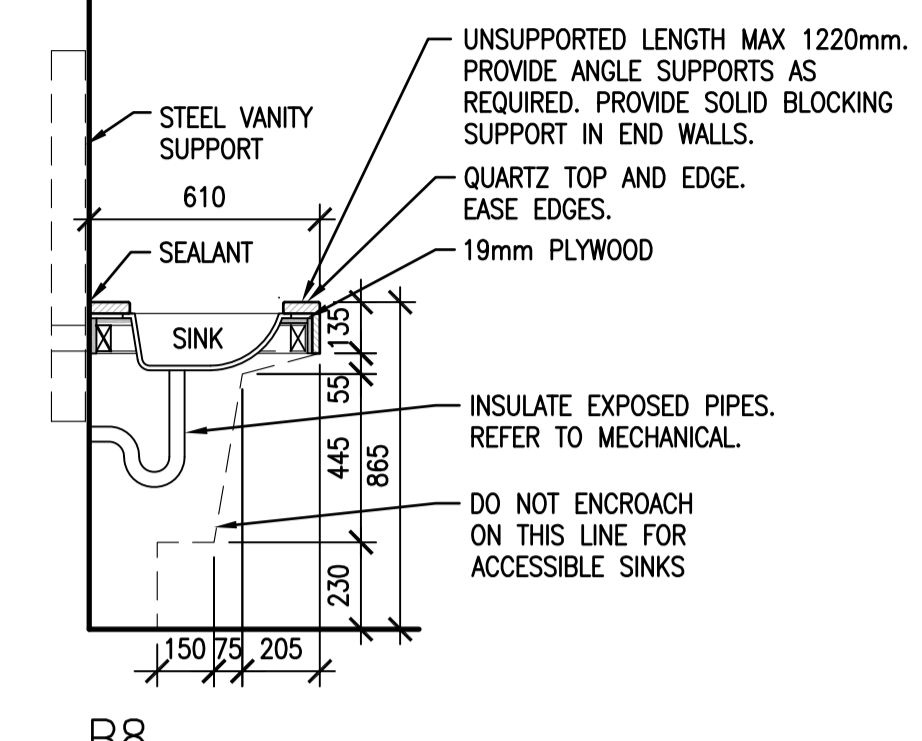
MILLWORK

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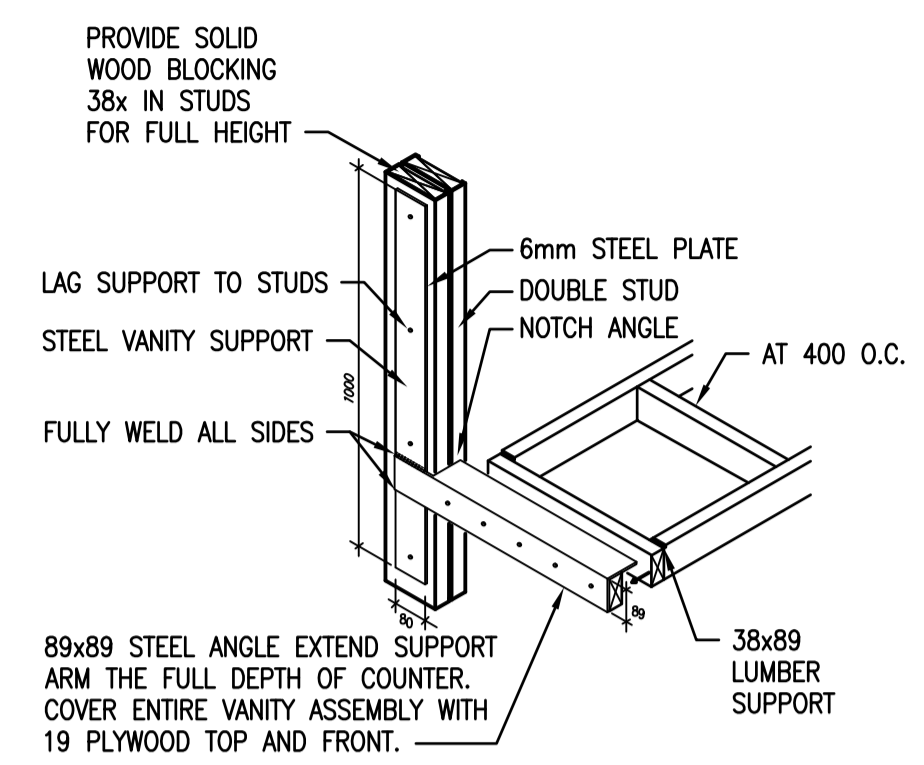


NOTE:
INSTALL STEEL VANITY SUPPORT PRIOR TO WALL BOARD

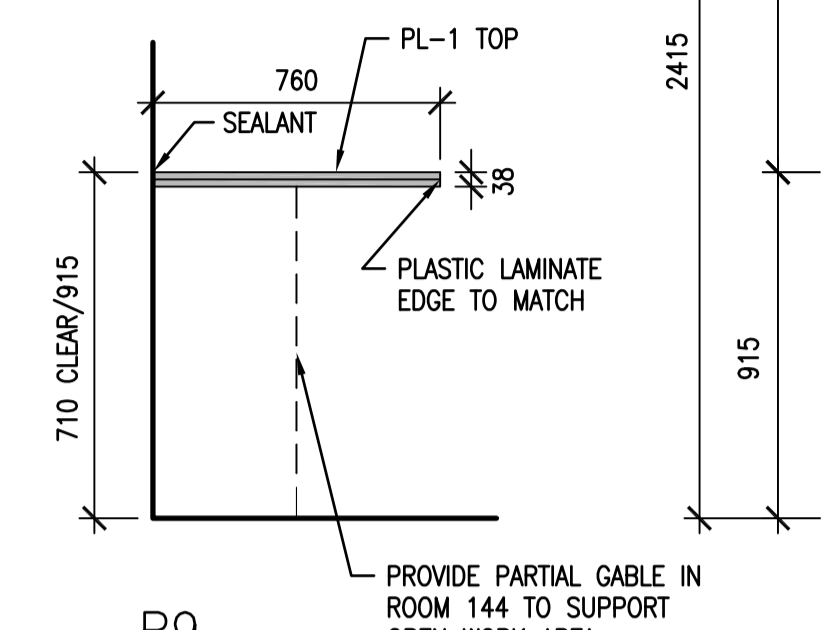


B8

1
A5.2
MILLWORK
1:20

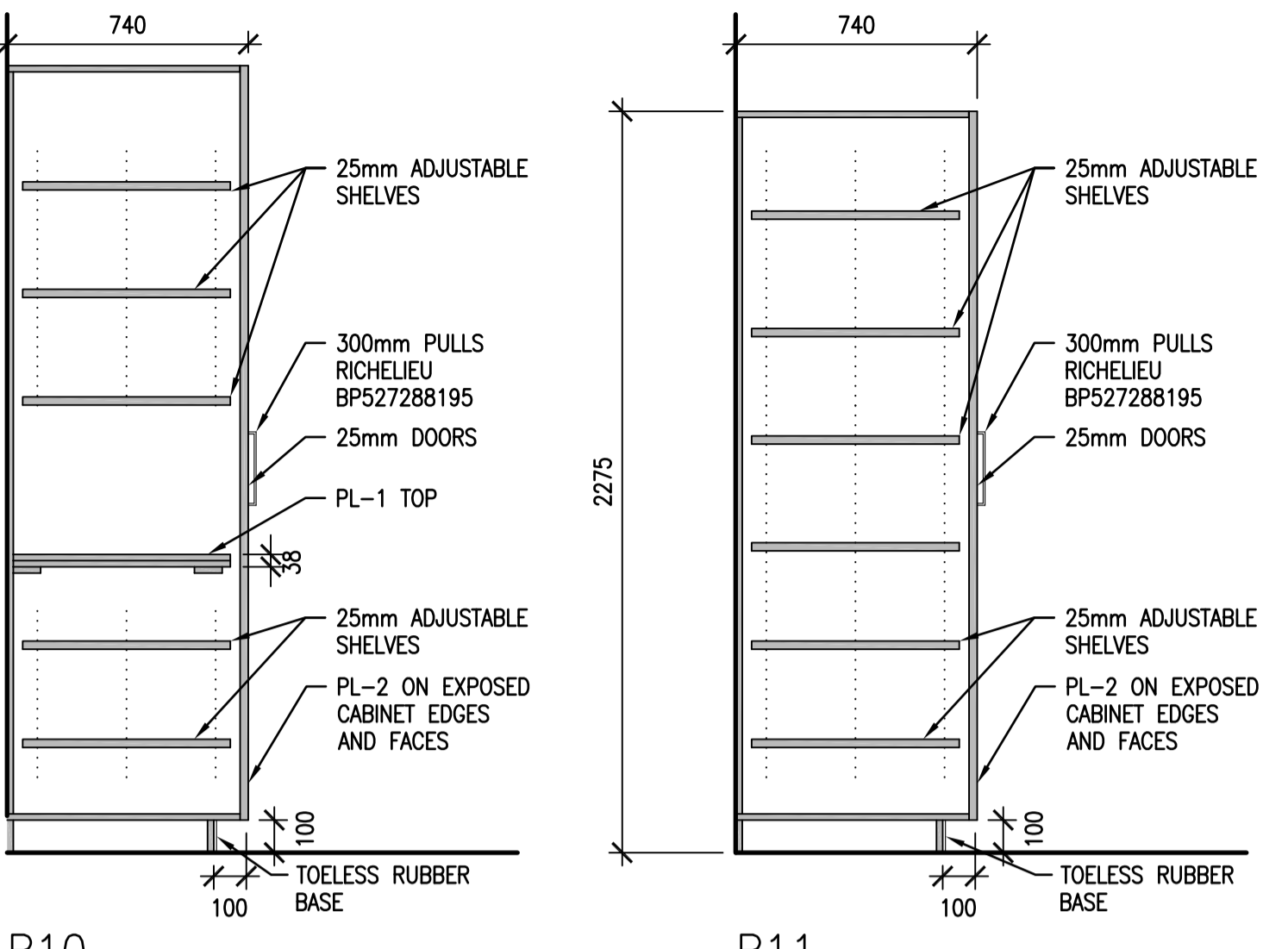


B9 CONCEALED WALL BRACKET

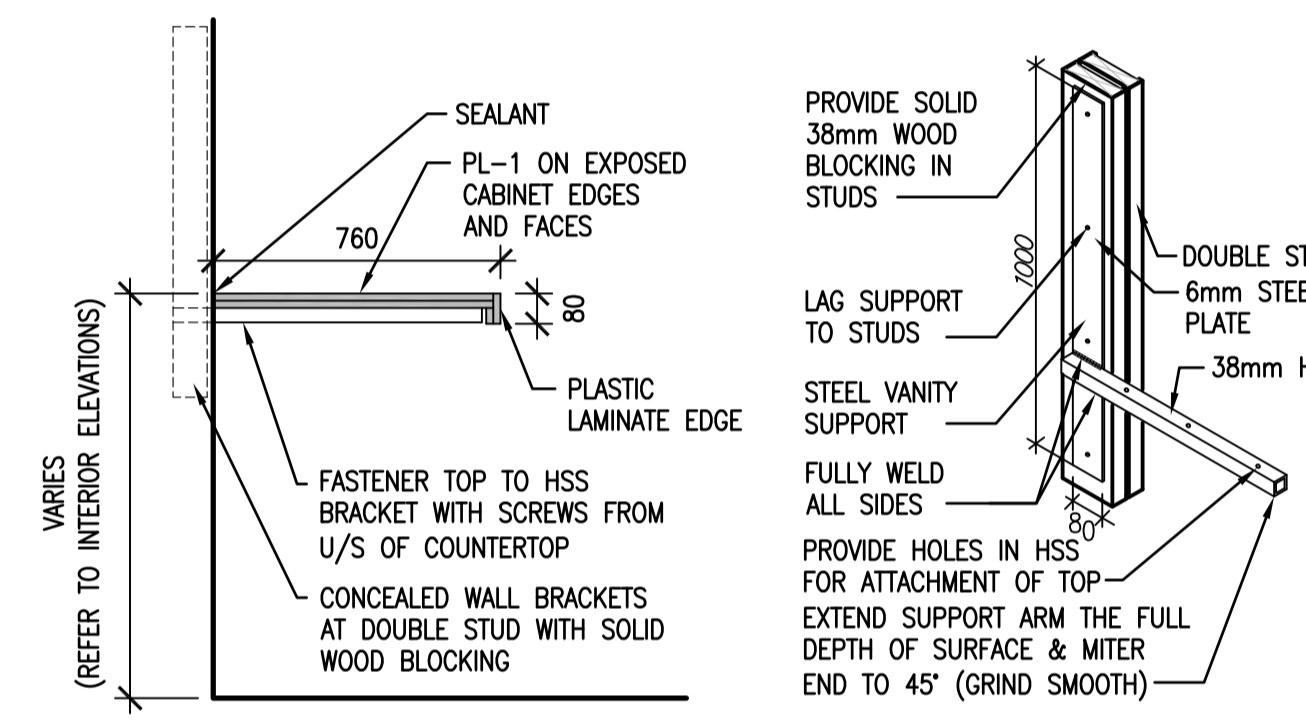


B10

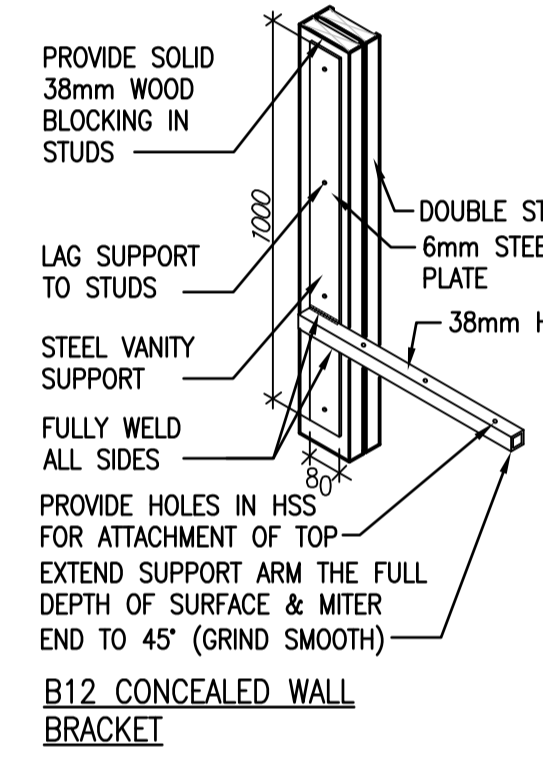
710 CLEAR TO UNDERSIDE COUNTERTOP FOR DESK HEIGHT USE
915 TO TOP OF COUNTER FOR STANDING HEIGHT USE



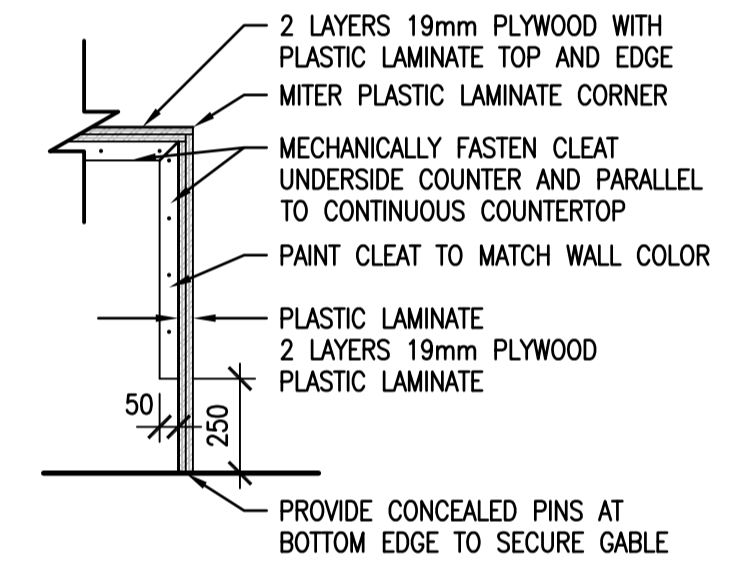
B11



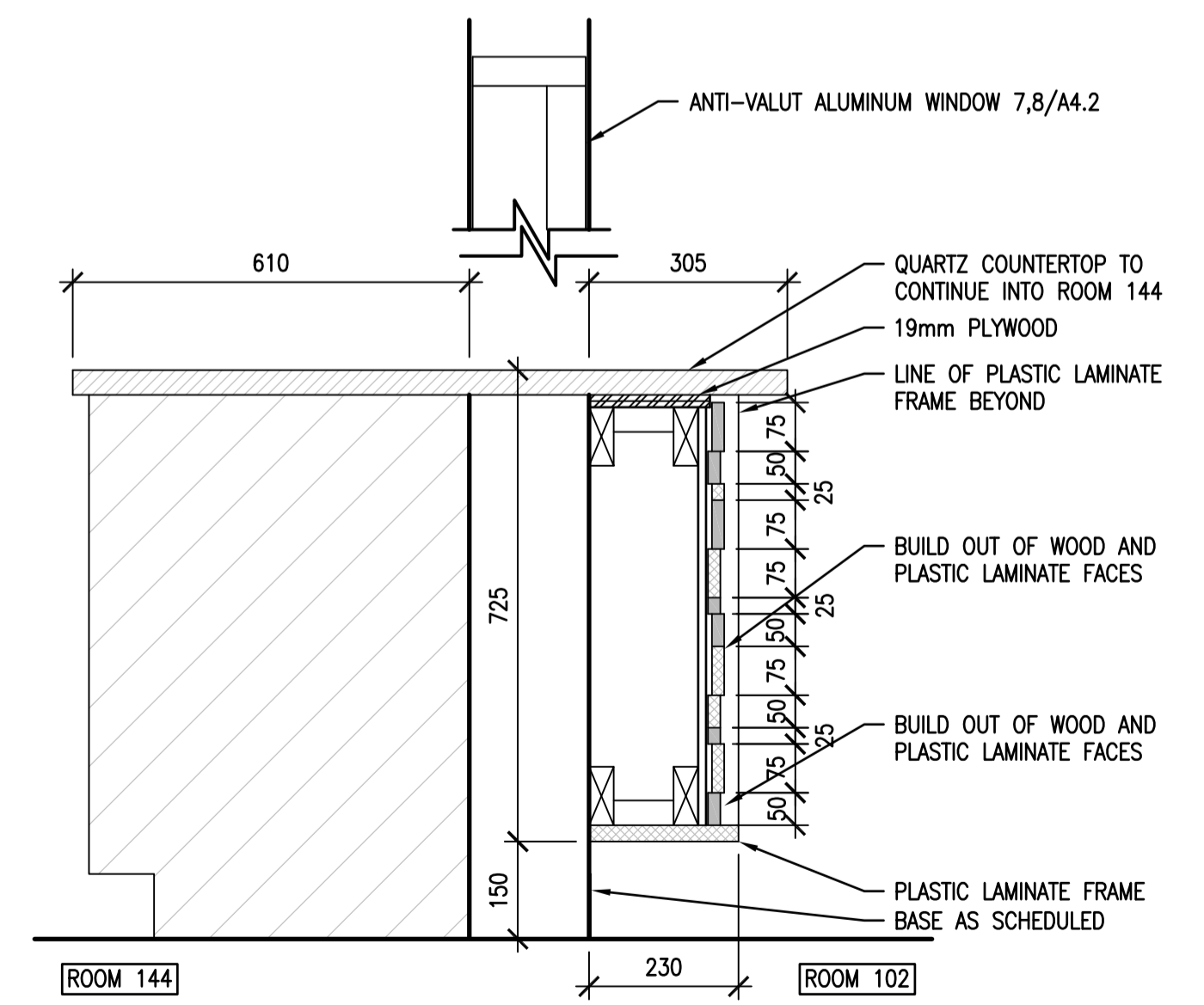
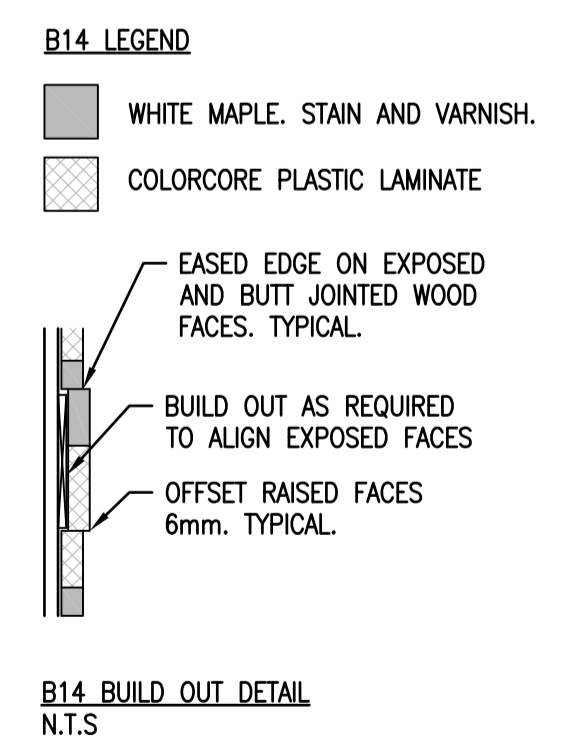
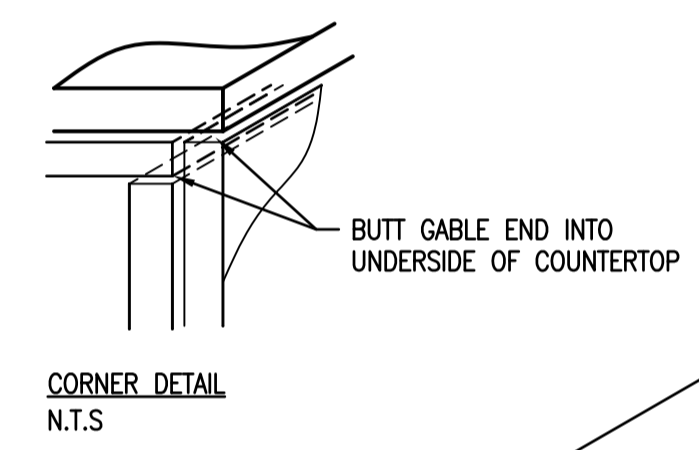
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B13

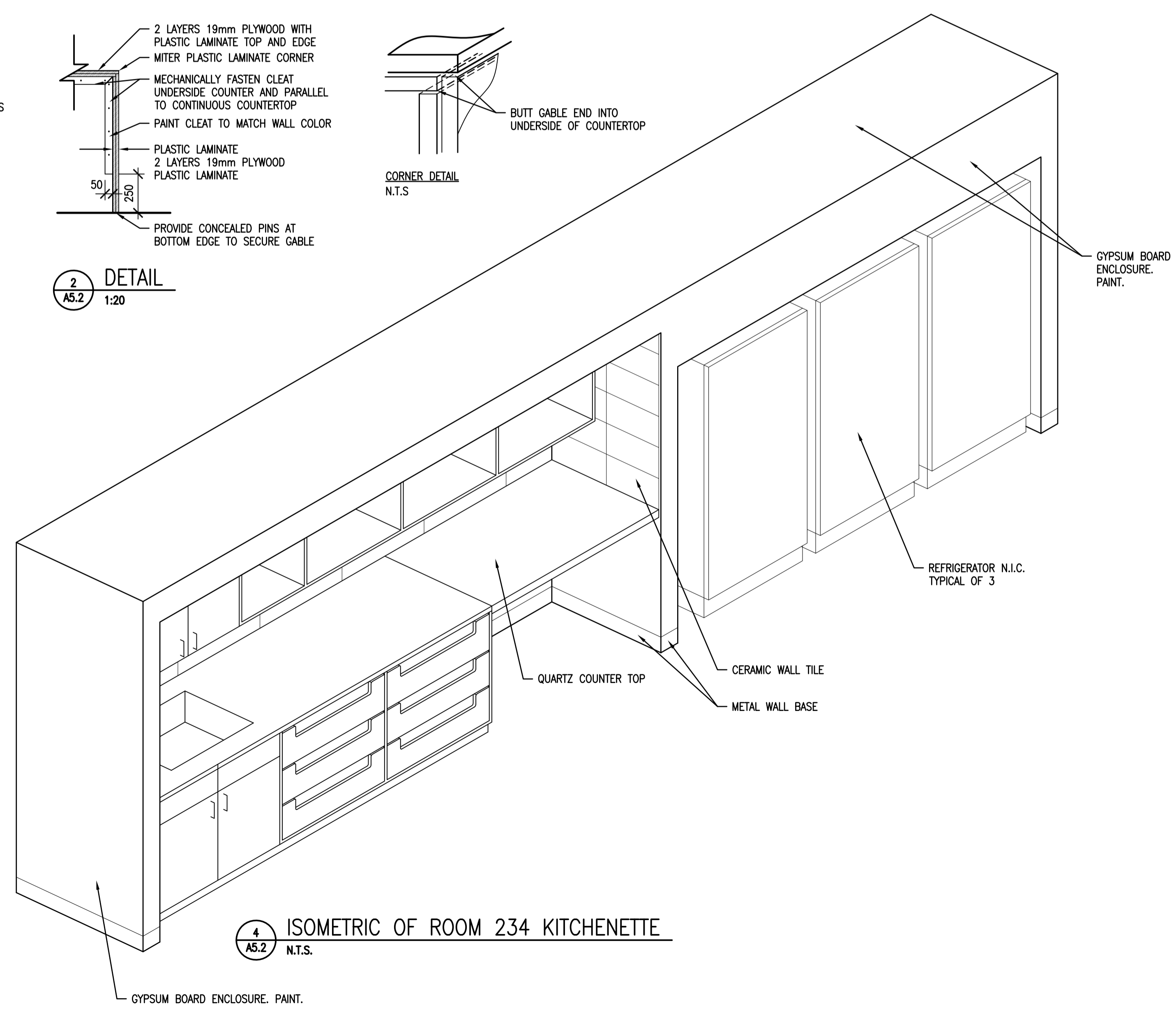


2
A5.2
DETAIL
1:20



B14

3
A5.2
MILLWORK
1:10



4
A5.2
ISOMETRIC OF ROOM 234 KITCHENETTE
N.T.S.

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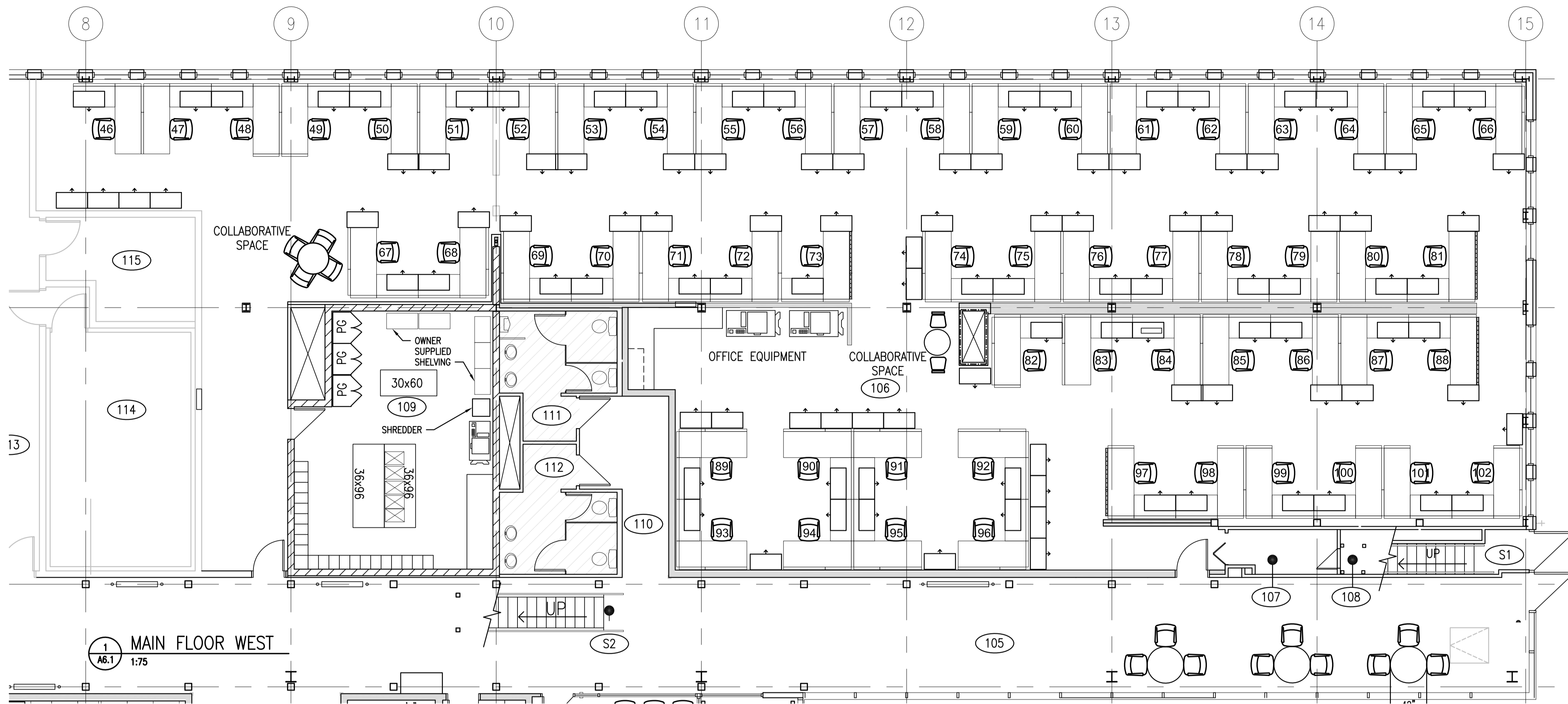
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Client/client

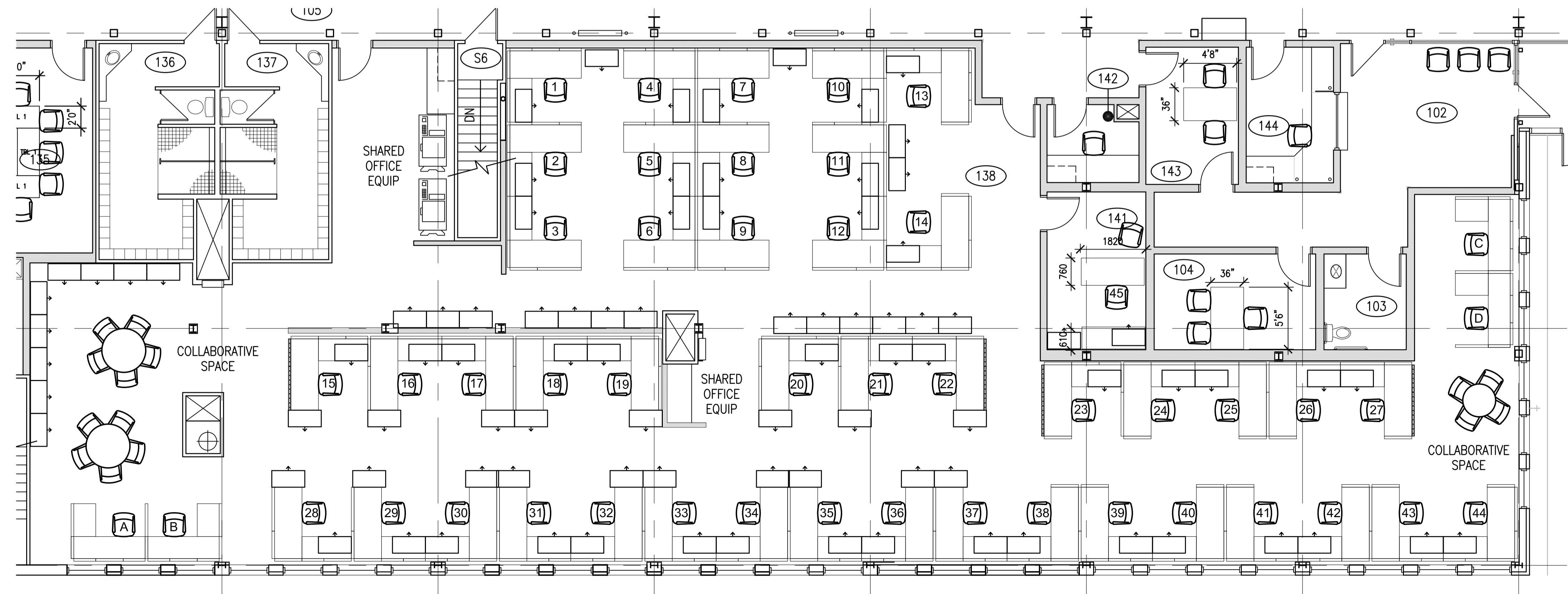
Drawing title/Titre du dessin

MILLWORK

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	A5.2	0

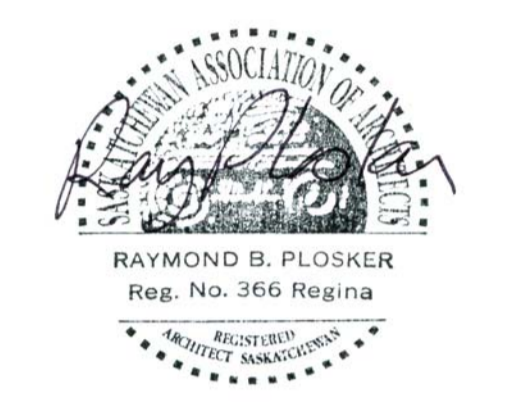


1 MAIN FLOOR WEST
A6.1 1:75



2 MAIN FLOOR EAST
A6.1 1:75

SEPW Architecture Inc.
 100 - 3725 Piquette Street, Regina, SK S4S 0H8 ph: (306) 588-2553
 100 - 3718 Street West, Saskatoon, SK S7N 0A6 ph: (306) 662-6467
 www.sepw.ca



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DO NOT SCALE DRAWINGS

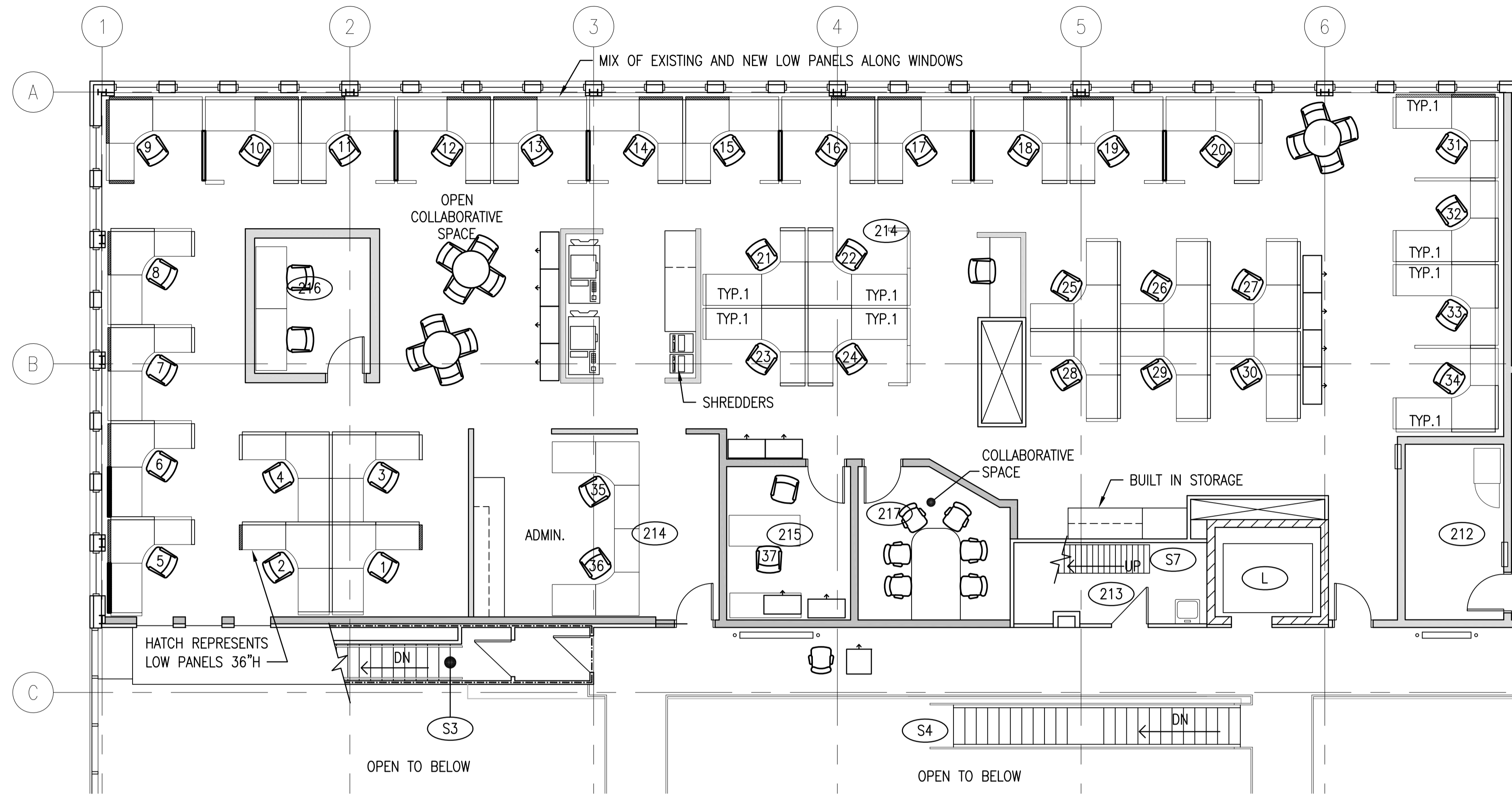
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Revision/Revision	Description/Description	Date/Date
Client/client		

Project title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

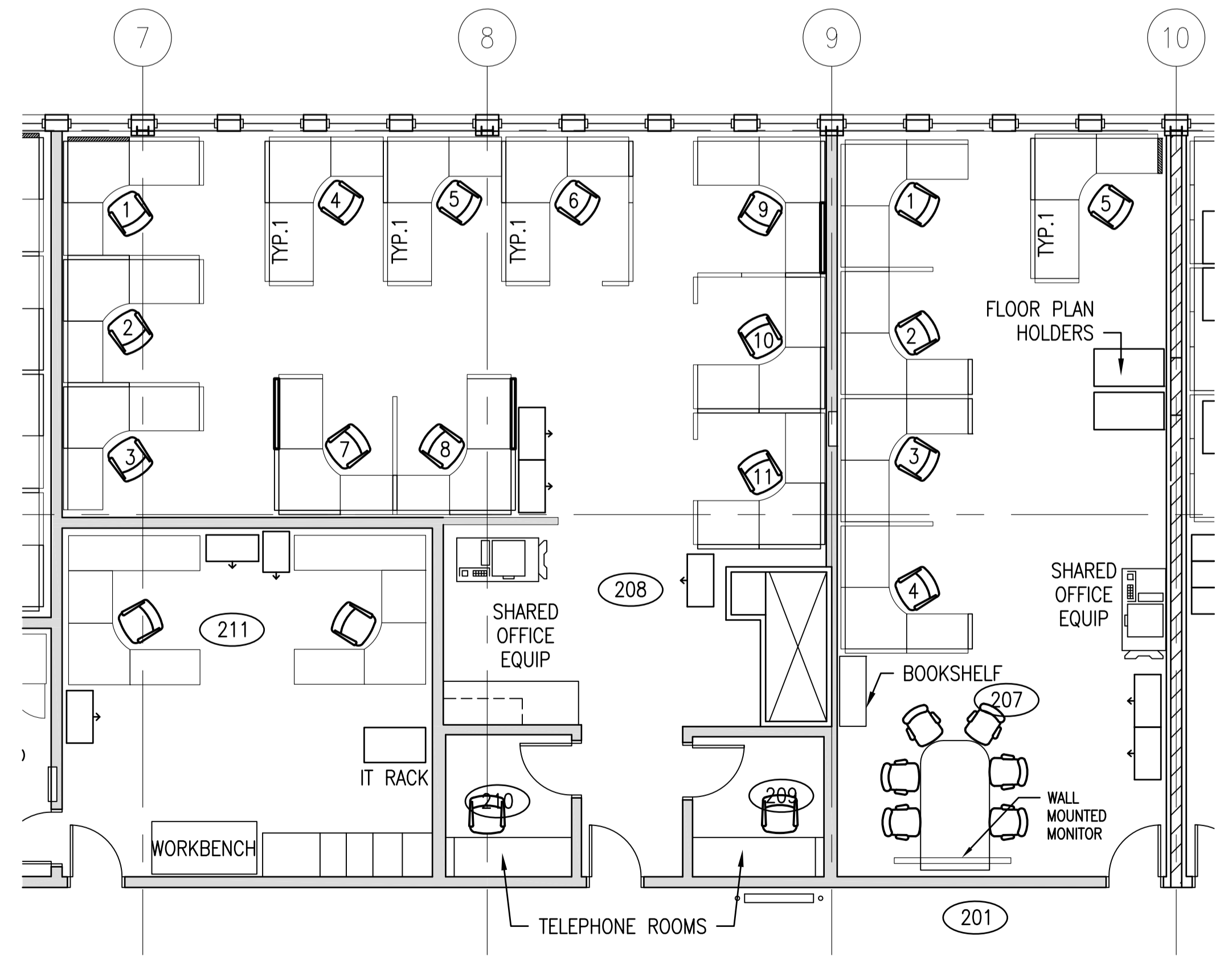
Approved by/Approuvé par
 Designed by/Concept par
VS/RP
 Drawn by/Dessiné par
VS
 Project Manager/Administrateur de Projets
HM
 Architectural and Engineering Resources Manager/
 Ressources Architecturales et de Directeur d'Ingénierie

Drawing title/Titre du dessin
FURNITURE AND EQUIPMENT LAYOUT

Project No./No. du projet 30/2015	Sheet/Feuille A6.1	Revision no./La Révision no. 0
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1 SECOND FLOOR WEST GRID LINES 1-6
A6.2 1:75



2 SECOND FLOOR WEST GRID LINES 7-10
A6.2 1:75

SEPW Architecture Inc.
 100-3725 Praeger Street, Regina, SK S4S 0R8 ph: (306) 588-2525
 100-3718 Street Park, Saskatoon, SK S7Y 0A6 ph: (306) 662-6427
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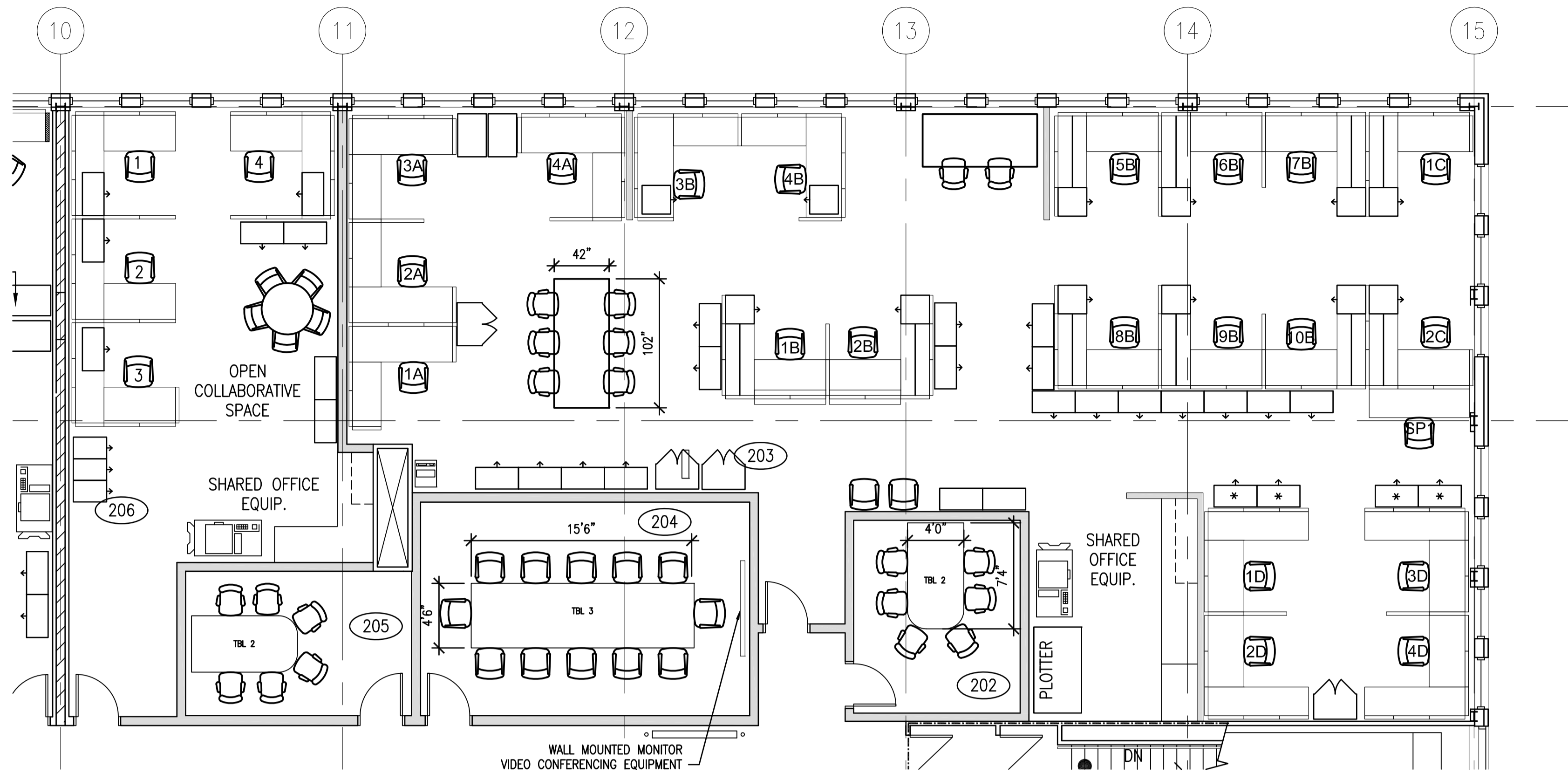
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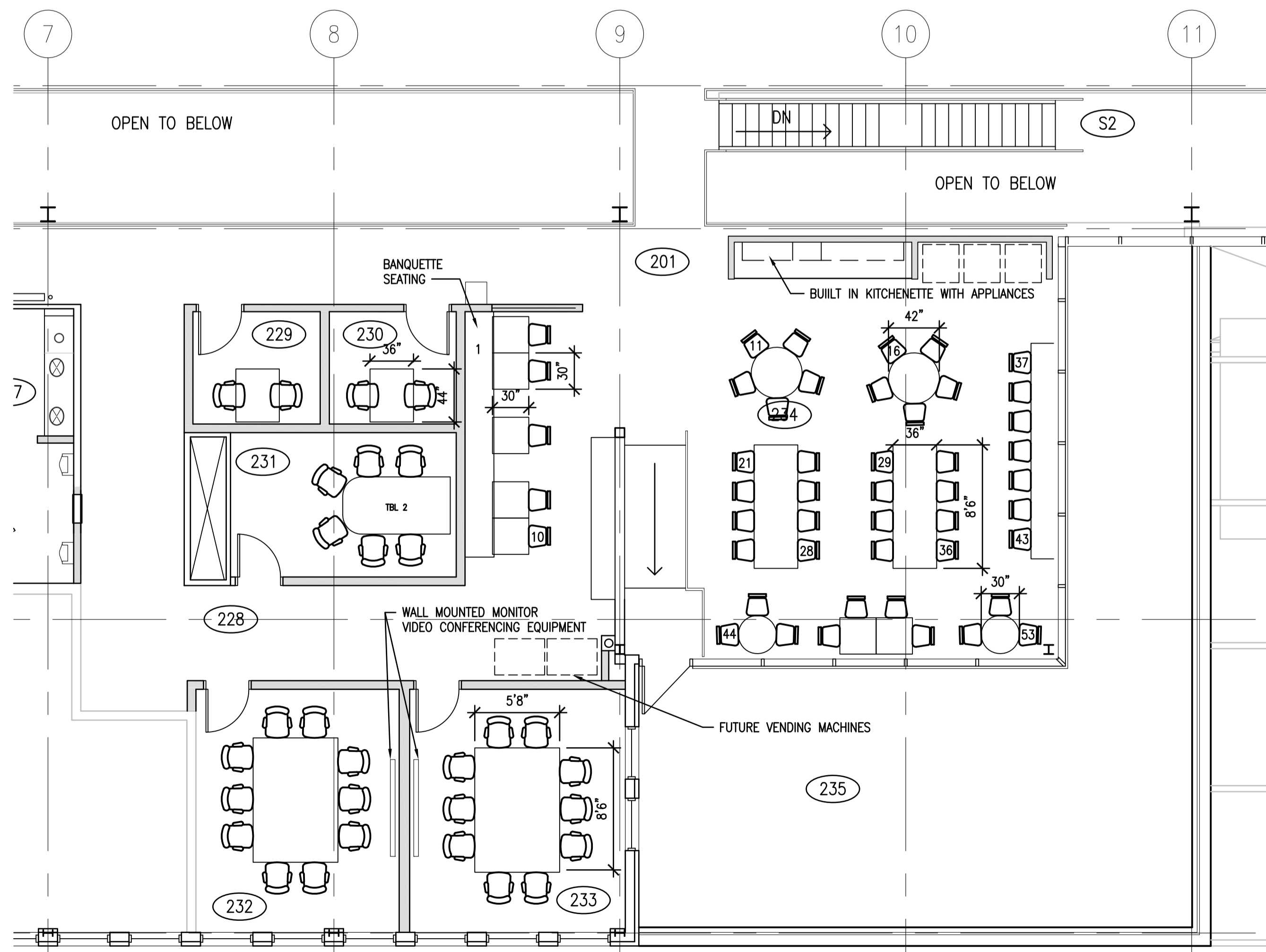
FURNITURE AND EQUIPMENT LAYOUT

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	A6.2	0





1 SECOND FLOOR WEST GRID LINES 10-15
A6.3 1:75



1 SECOND FLOOR EAST GRID LINES 7-11
A6.3 1:75

SEPW Architecture Inc.
 100-3725 Praeger Street, Regina, SK S4S 0R8 ph: (306) 588-2525
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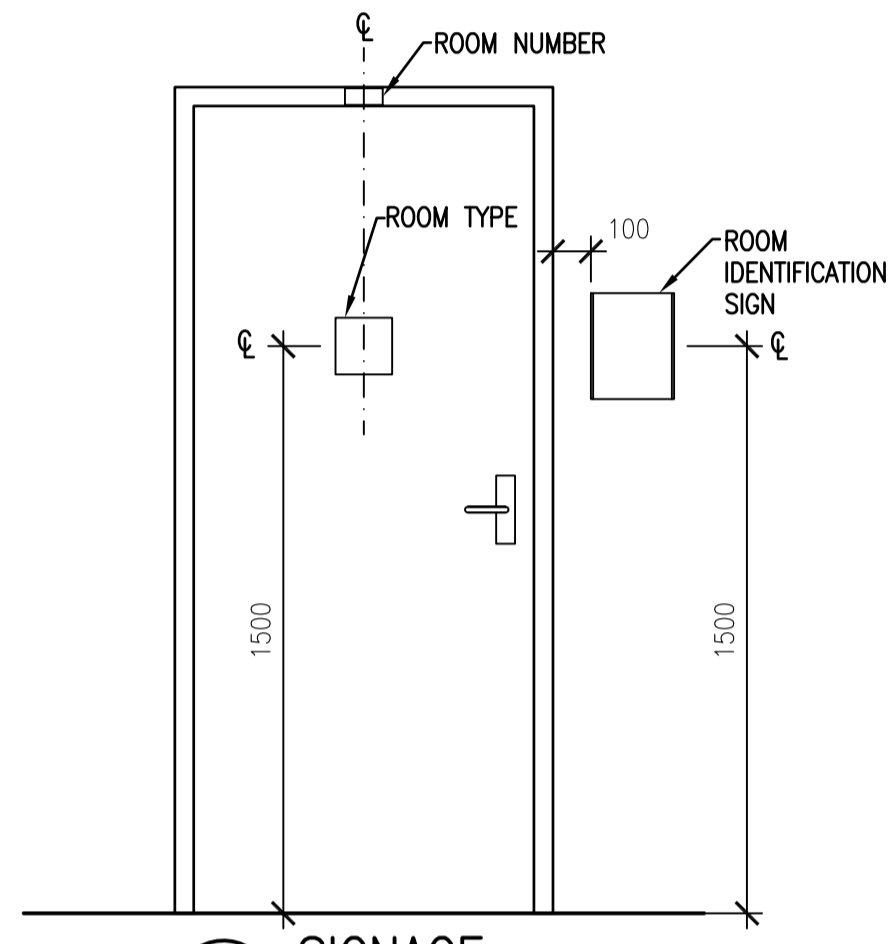
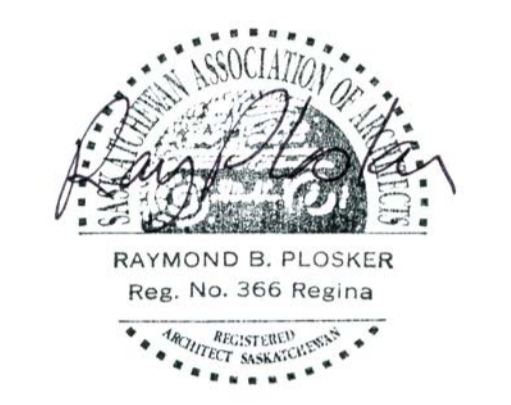
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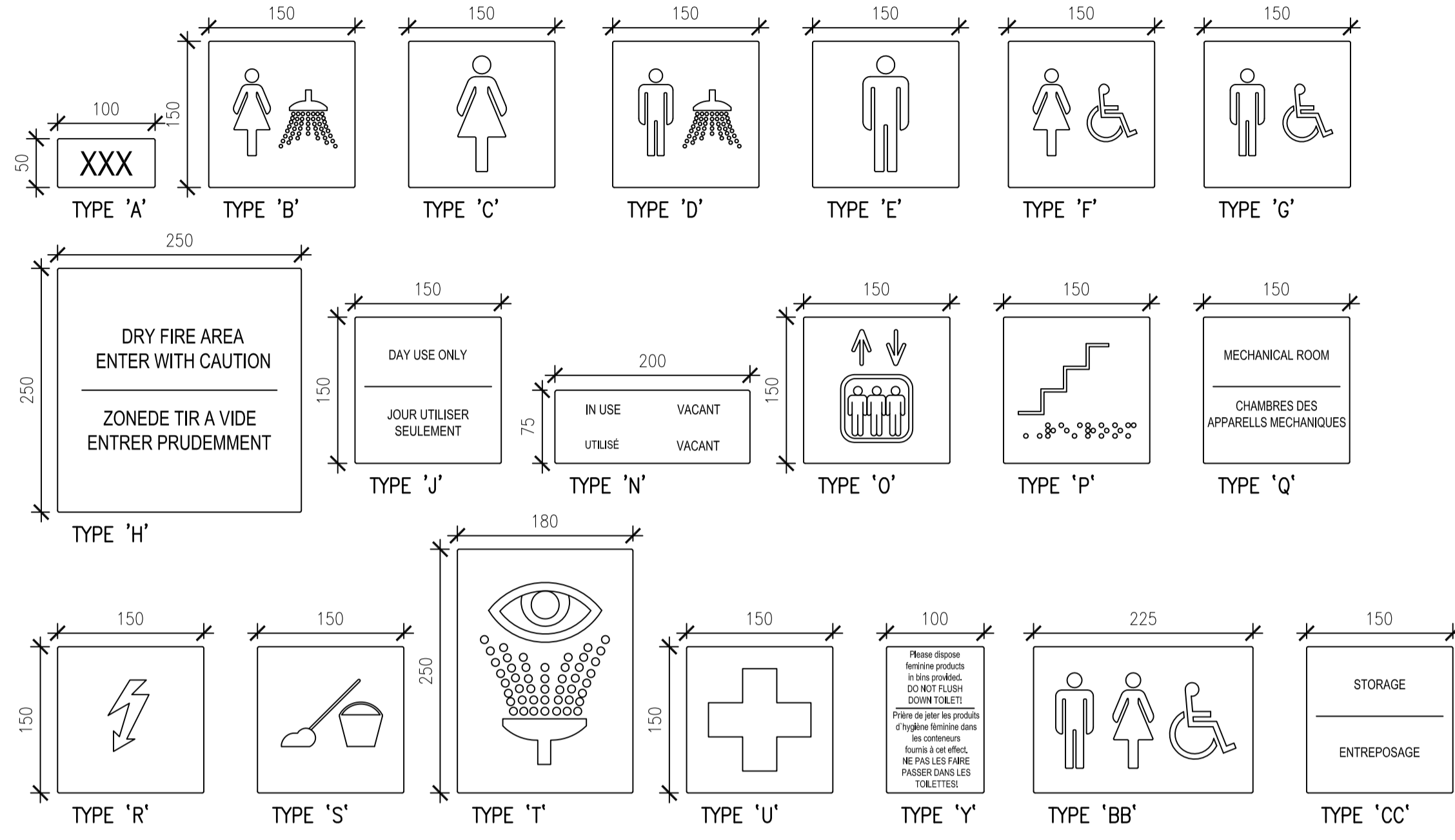
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FURNITURE AND EQUIPMENT LAYOUT

Project No./No. du projet 30/2015	Sheet/ Feuille A6.3	Revision no./ La Révision no. 0
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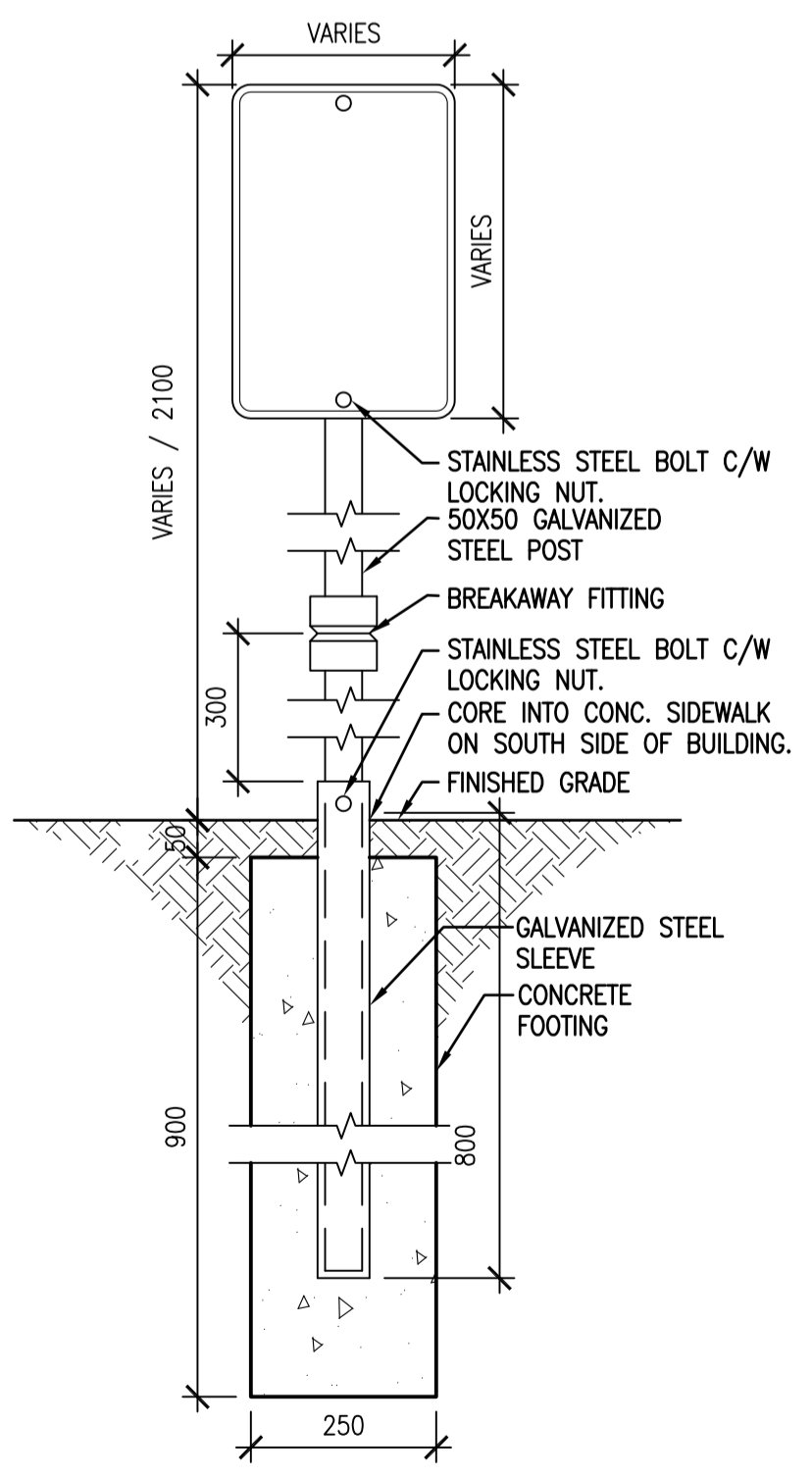




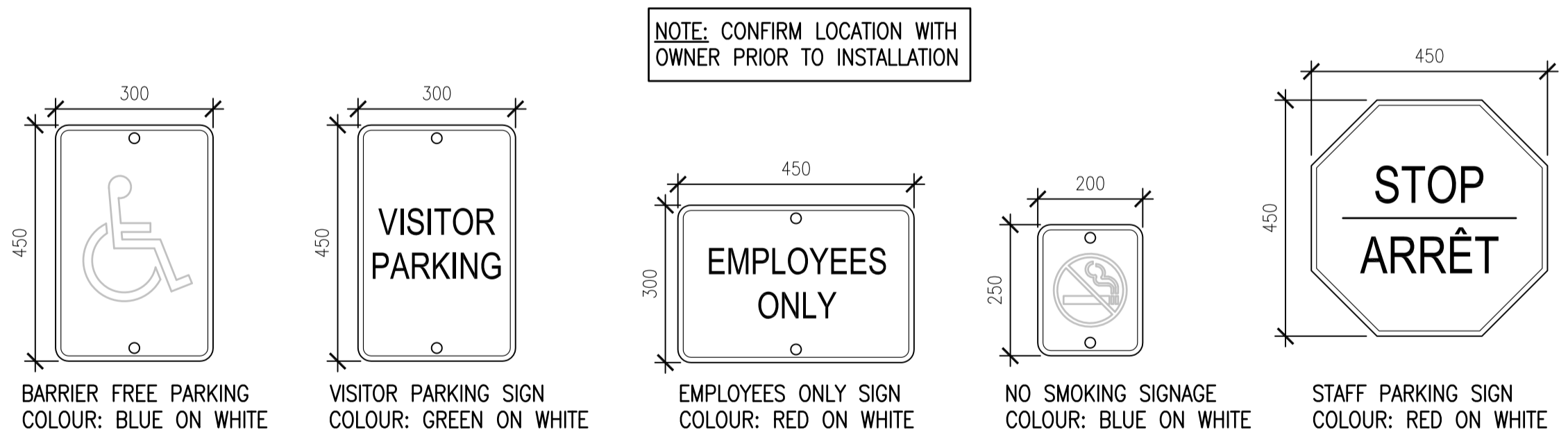
1 SIGNAGE
A7.1 1:20



2 LAMACOID SIGNAGE ELEVATIONS
A7.1 1:5 (ALUMINUM FRAMED WALL PLATES)



3 SIGN DETAIL
A7.1 1:10



4 EXTERIOR SIGNAGE TYPES
A7.1 1:10

DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
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0	ISSUED FOR TENDER	2017-02-03

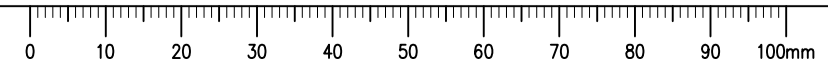
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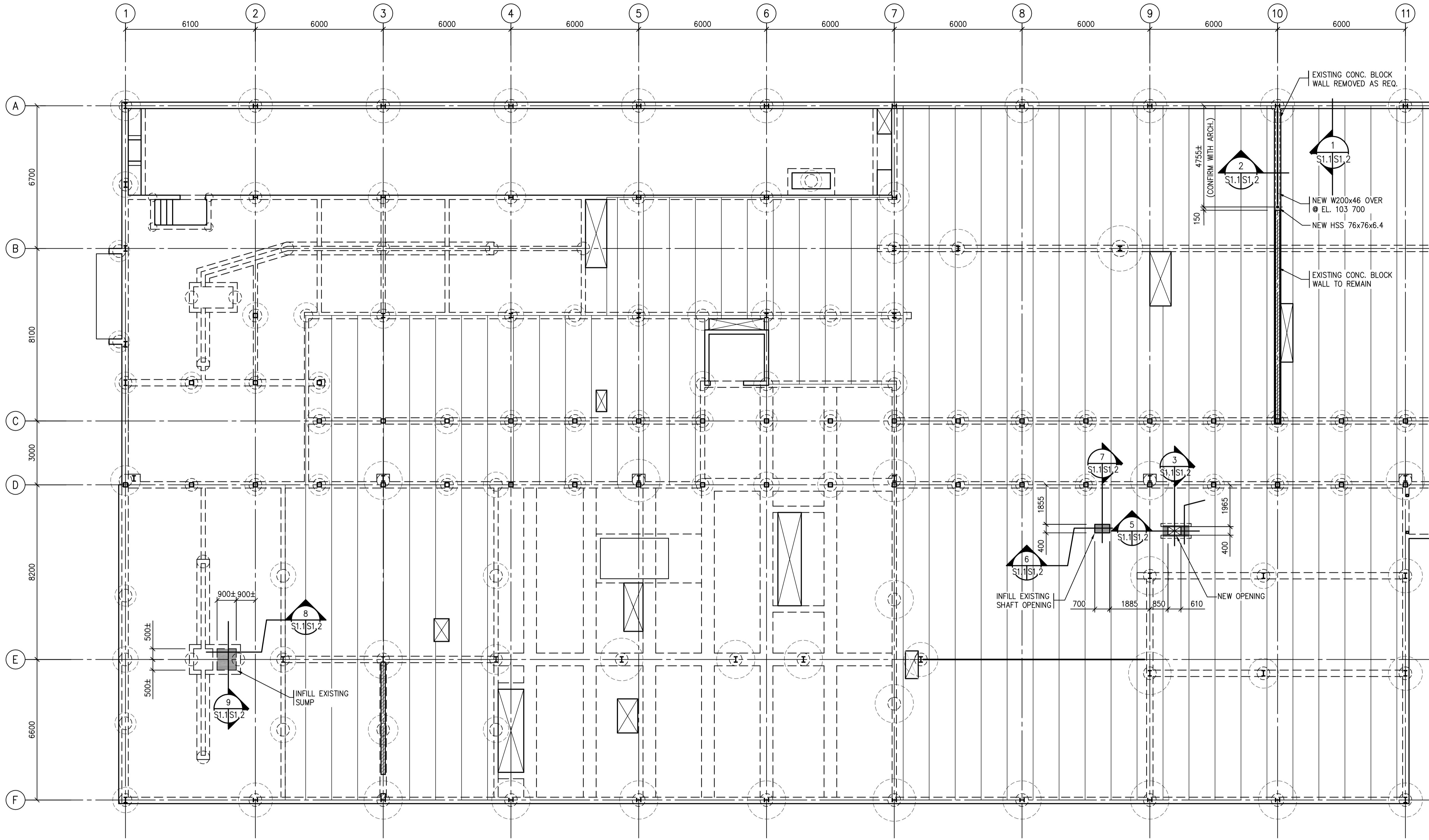
**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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Drawing title/Titre du dessin
SIGNAGE

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	A7.1	0

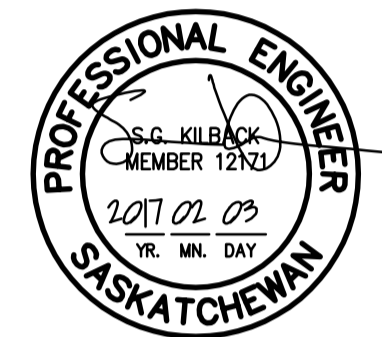




1 PARTIAL MAIN FLOOR PLAN
1 : 100

SEP Architecture Inc.
 100 - 3715 Plaza Street, Regina, SK S4S 0H8 ph: (306) 569-2255
 102 - 3718 Winnet Place, Saskatoon SK S7P 0A6 ph: (306) 652-6487
 Website: www.sep.ca

B B K
STRUCTURAL ENGINEERS
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Association of Professional Engineers & Geoscientists
 of Saskatchewan
CERTIFICATE OF AUTHORIZATION
 BROWNLEE BEATON KREKE (REGINA) LTD.
 NUMBER 525
 PERMISSION TO CONSULT HELD BY:
 DISCIPLINE: SASK. REG. No. SIGNATURE
 STRUCTURAL 12171 SCK

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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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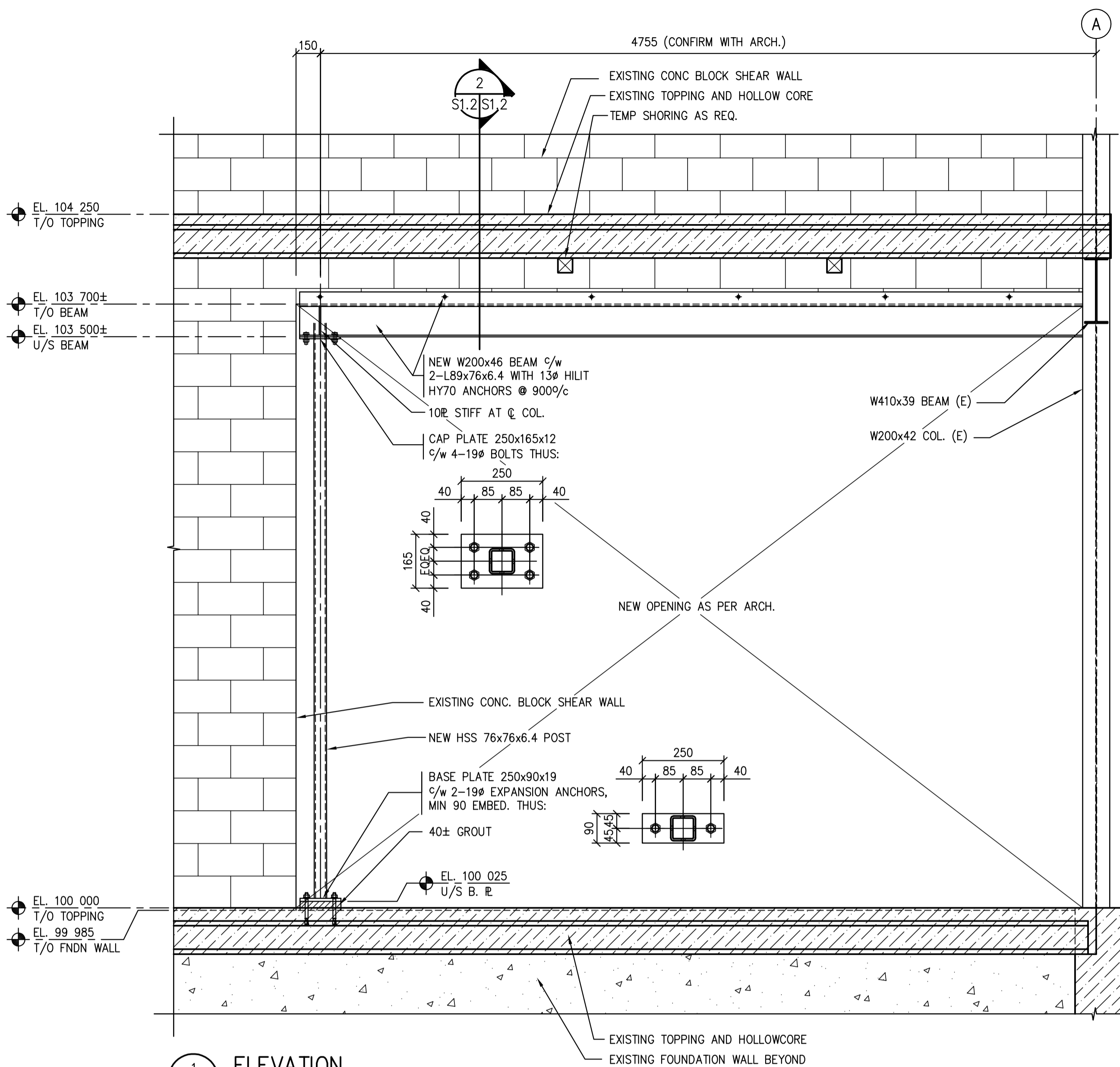
Client/client

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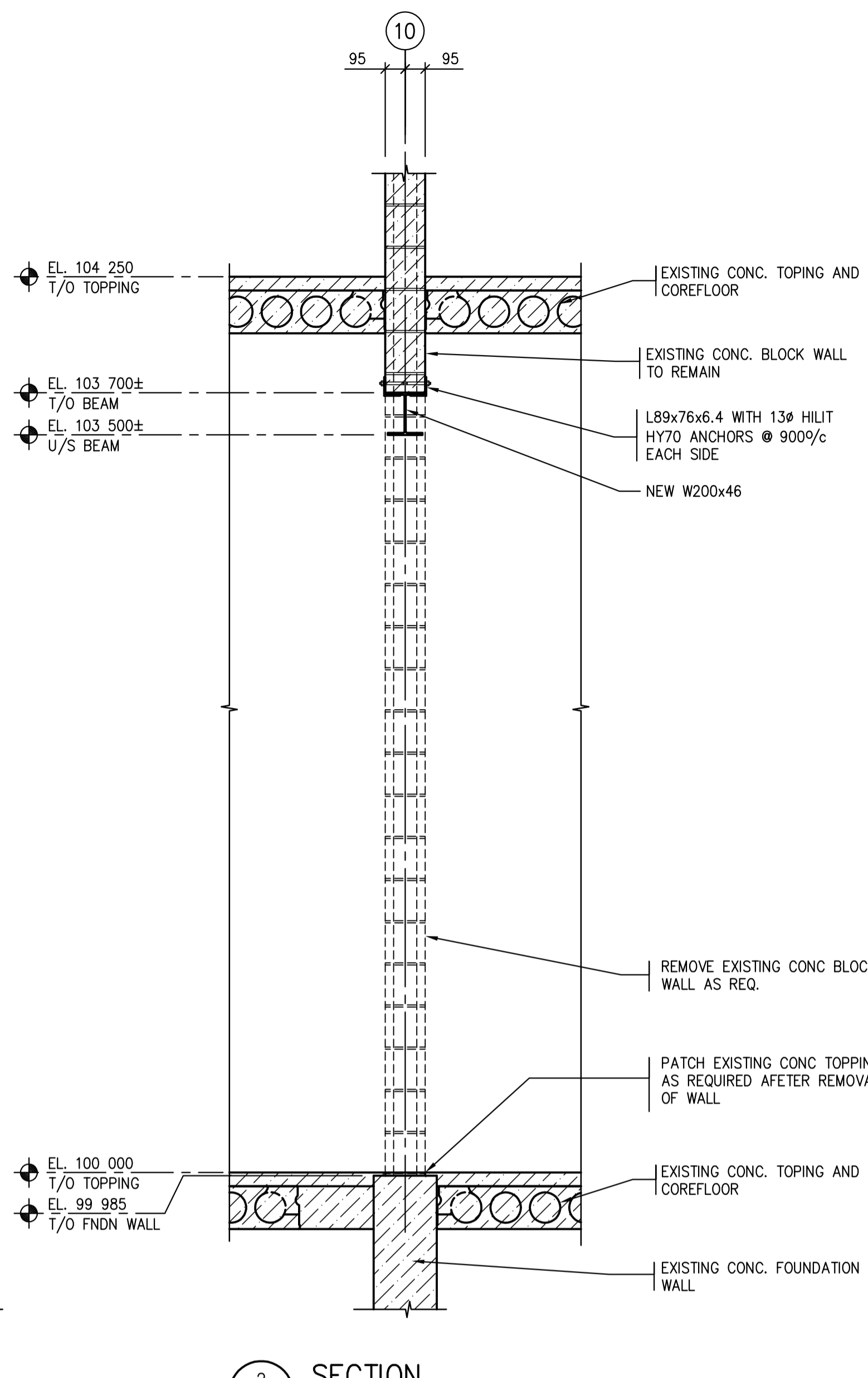
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Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	S1.1 87 800	0

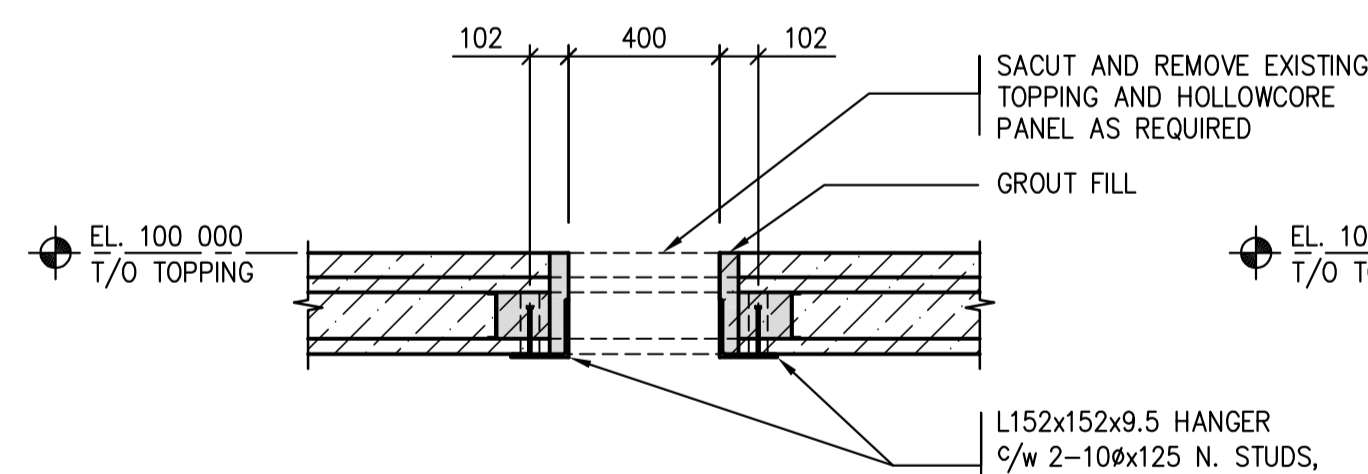




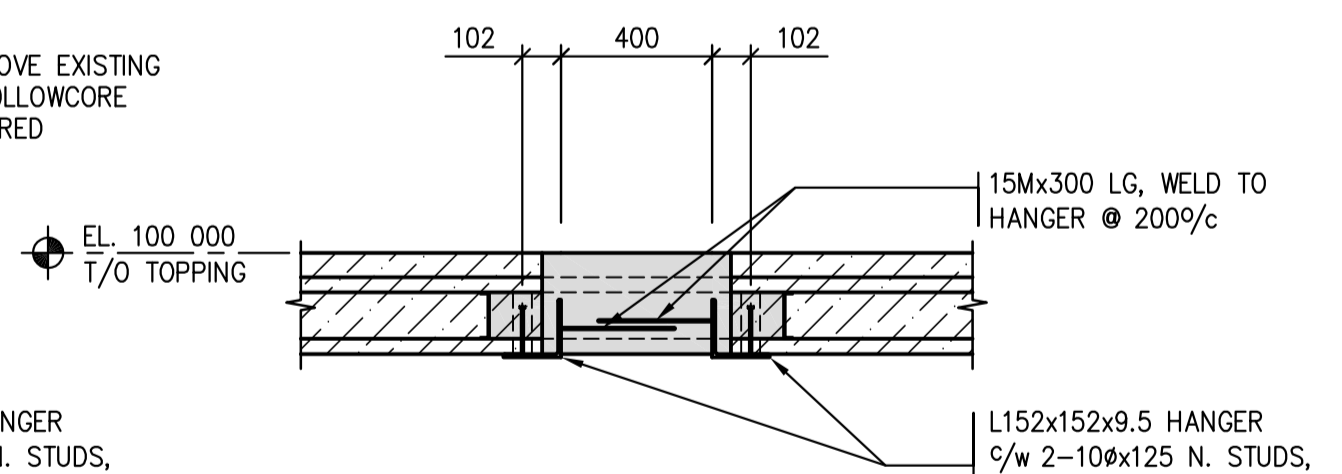
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S1.1|S1.2 1:20



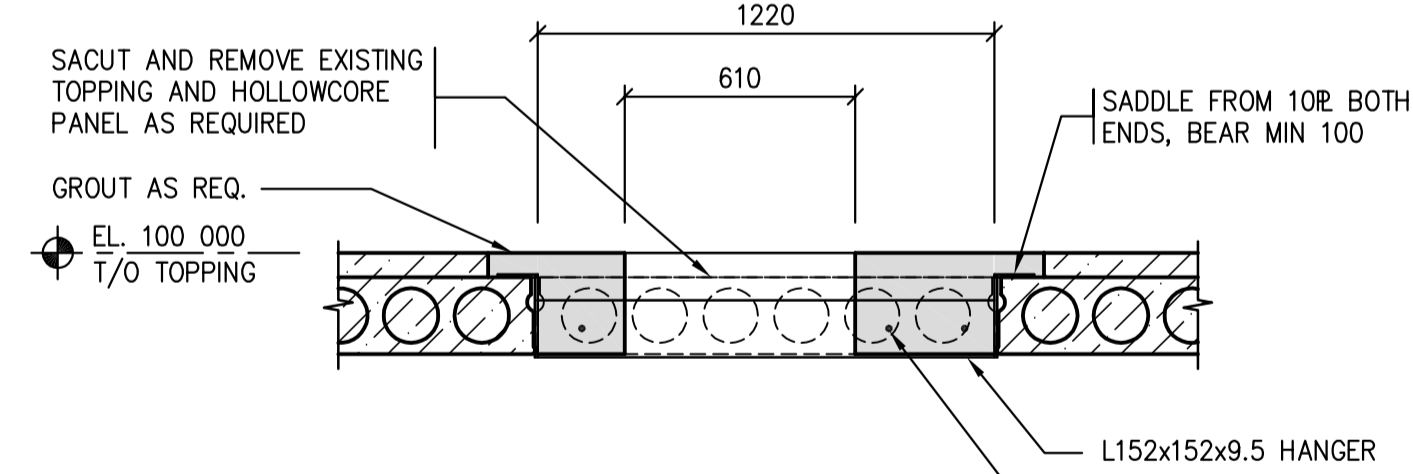
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S1.1,S1.2|S1.2 1:20



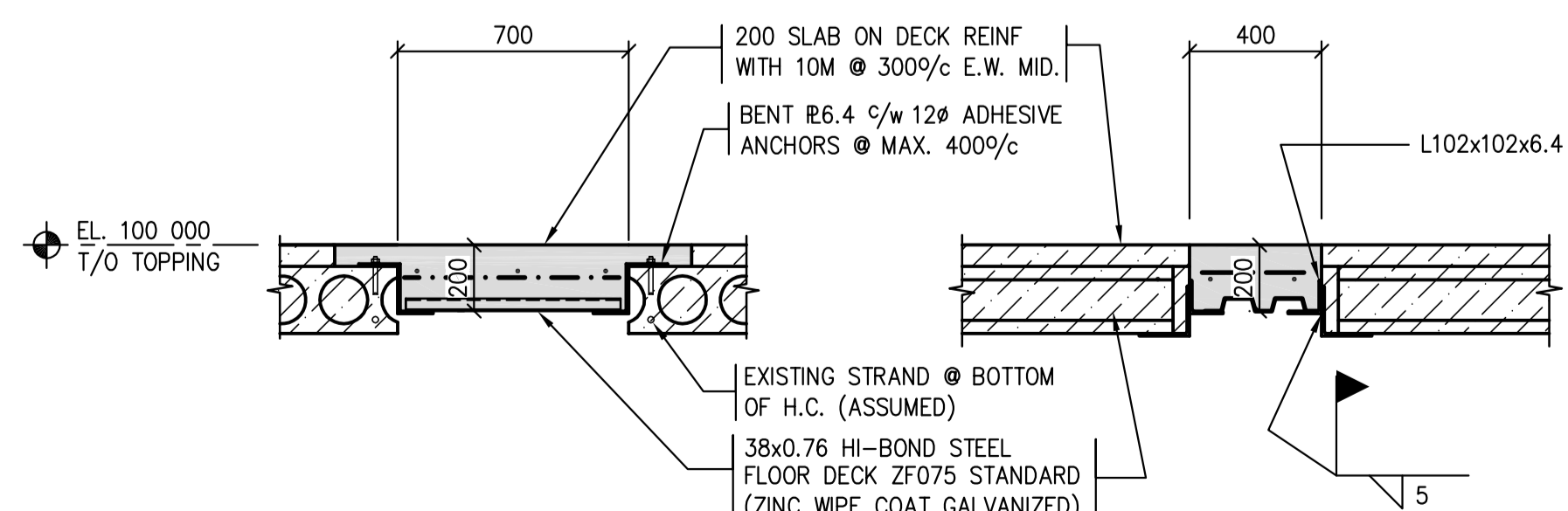
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S1.1|S1.2 1:20



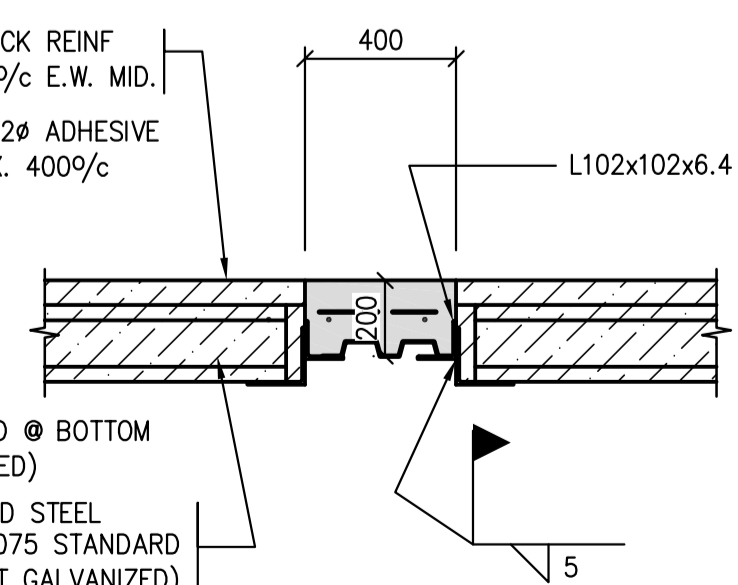
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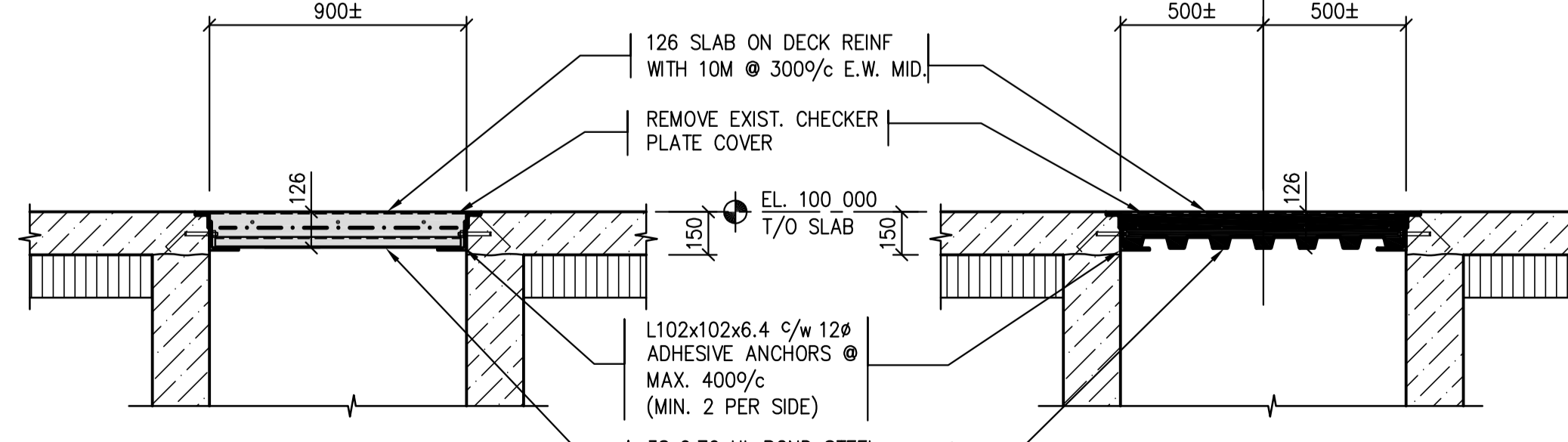
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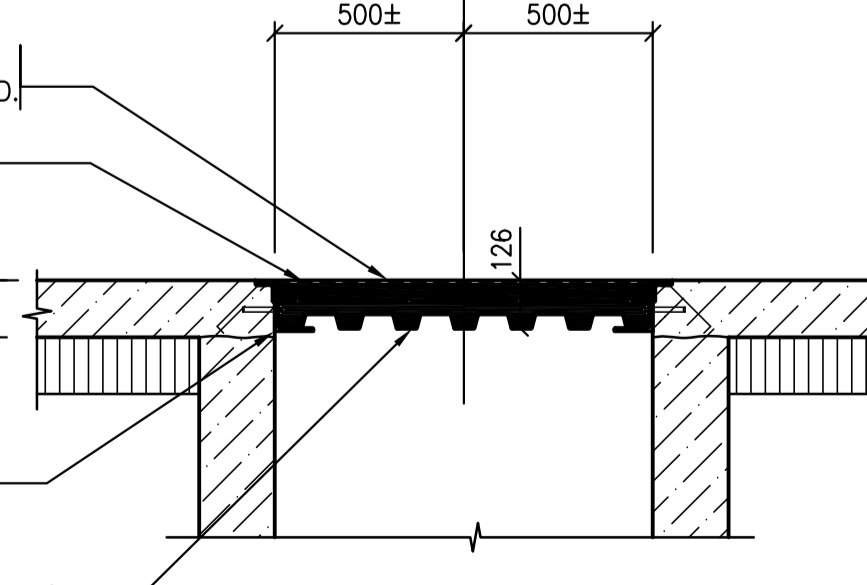
6 SECTION
S1.1|S1.2 1:20



7 SECTION
S1.1|S1.2 1:20



8 SECTION
S1.1|S1.2 1:20



9 SECTION
S1.1|S1.2 1:20



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SASK. REG. NO.: SKK
SIGNATURE: SKK

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**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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S.K.

Drawn by/Dessine par
B.R.

Project Manager/Administrateur de Projets
HM/KS

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

Client/client

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SECTIONS

Project No./No. du projet

30/2015

Sheet/Feuille

S1.2

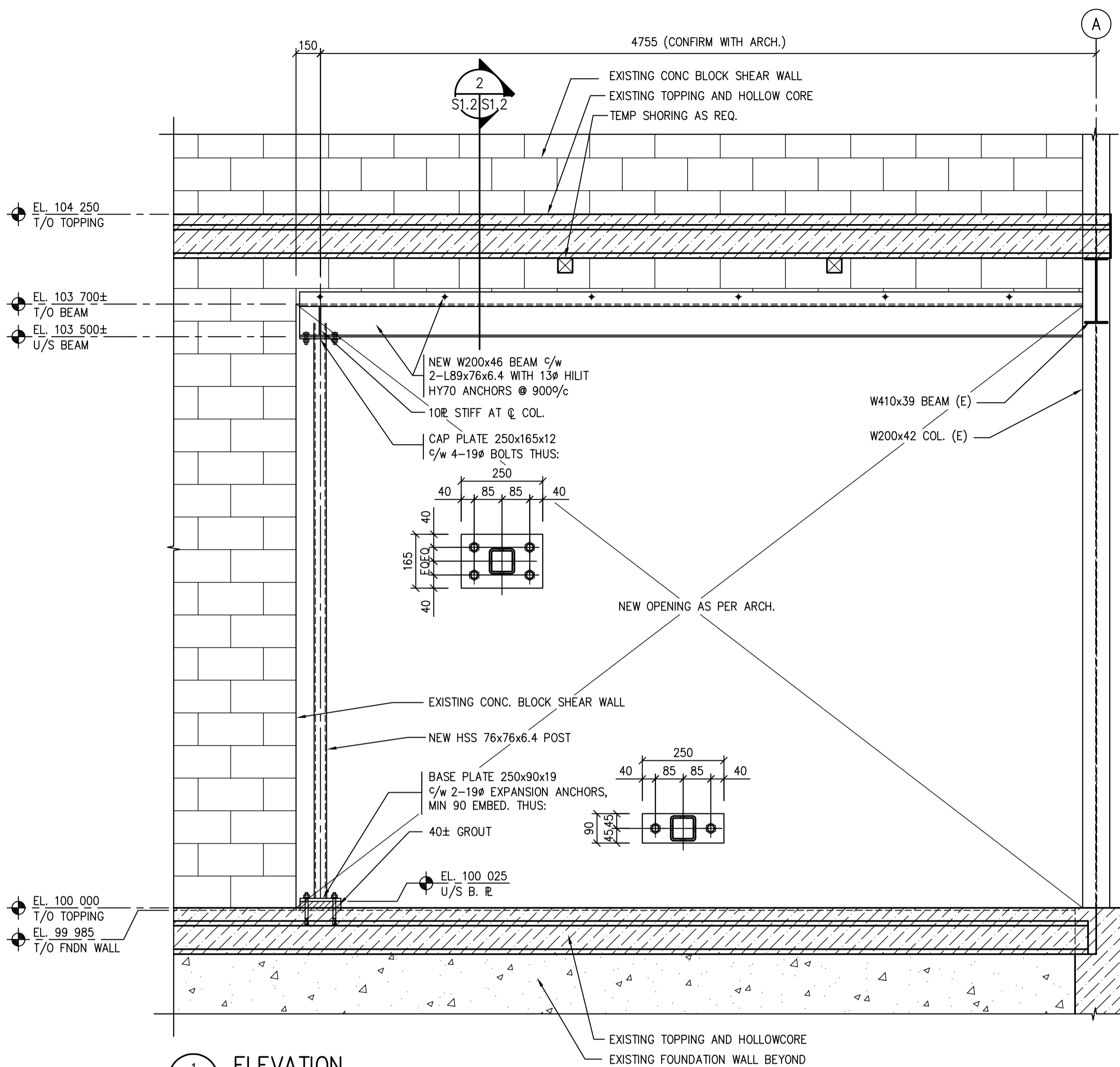
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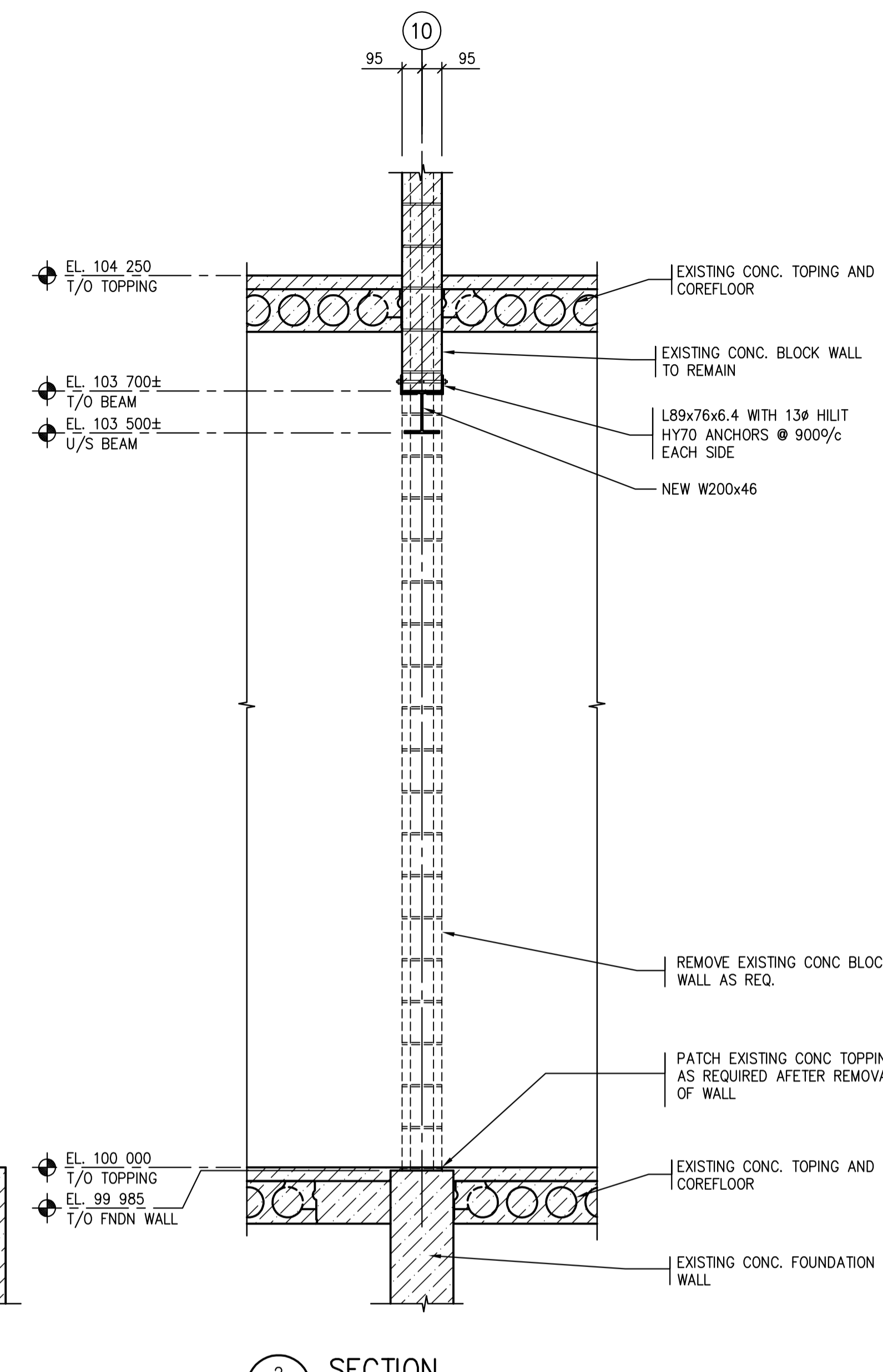
La Révision

no.

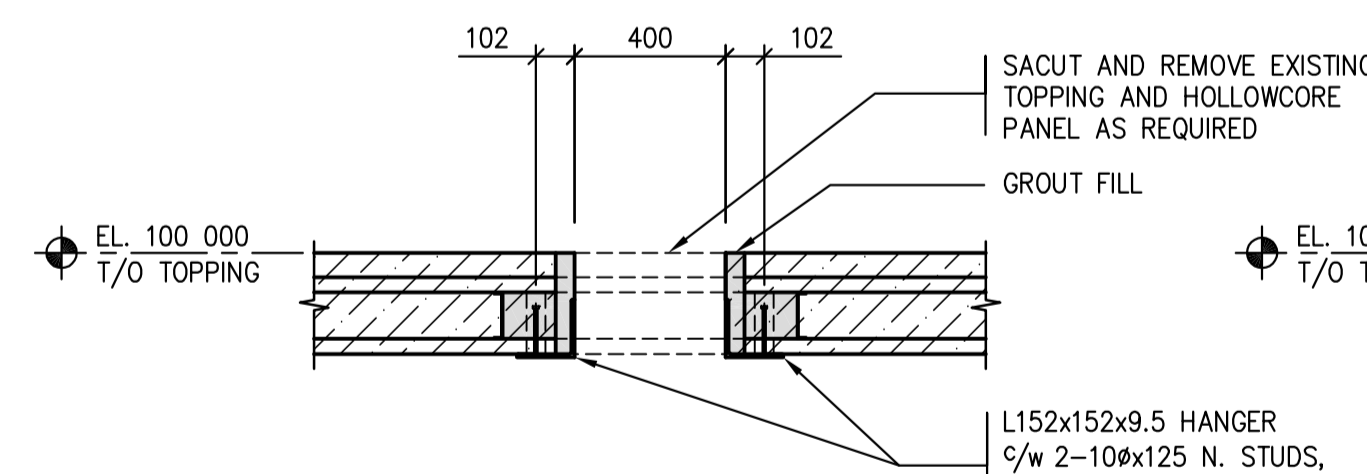
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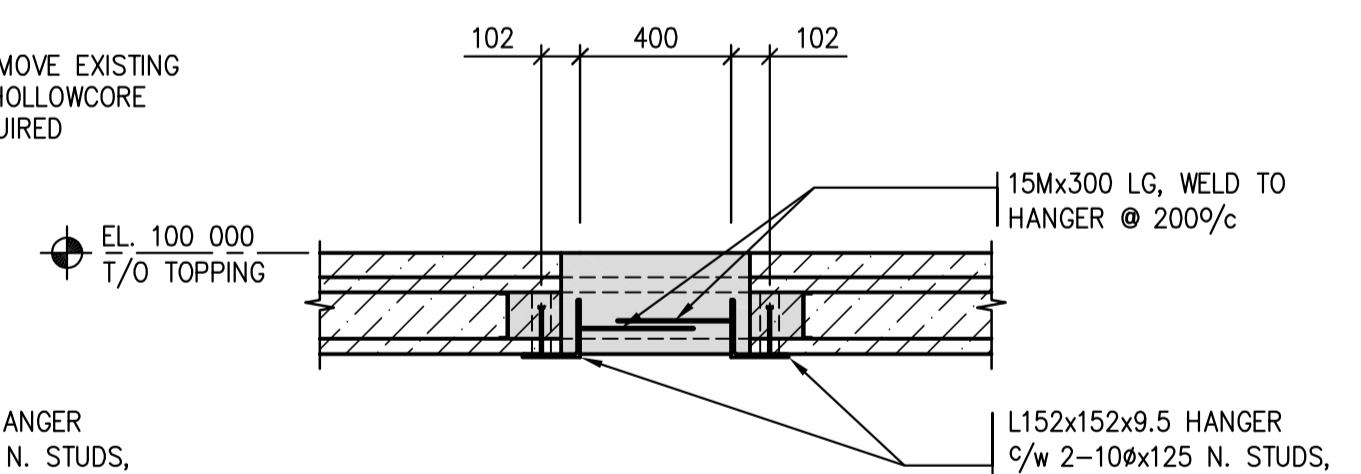
1 ELEVATION
S1.1|S1.2 1:20



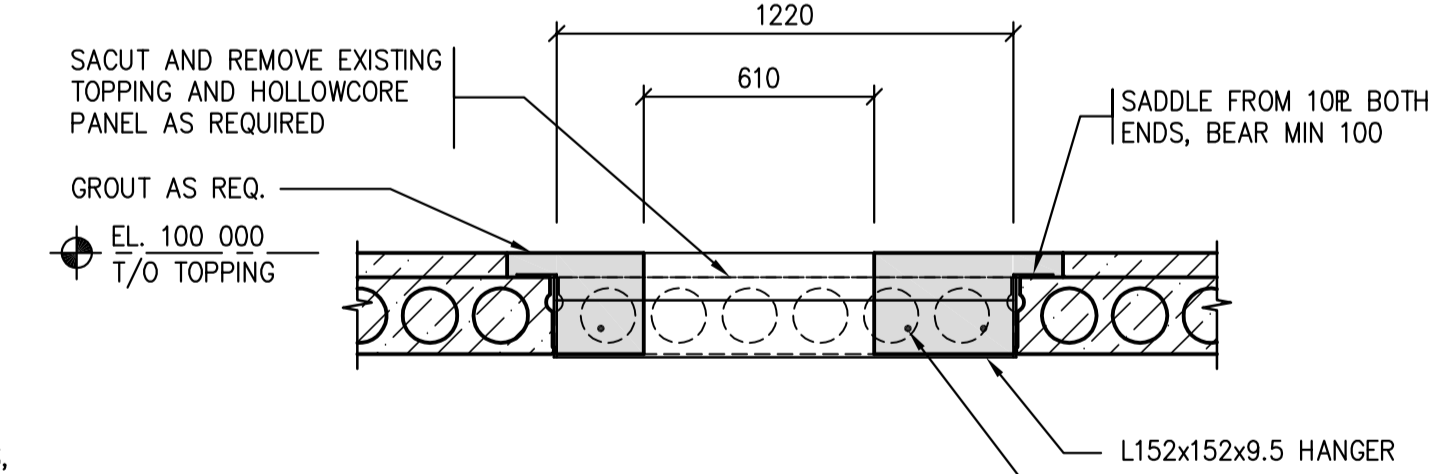
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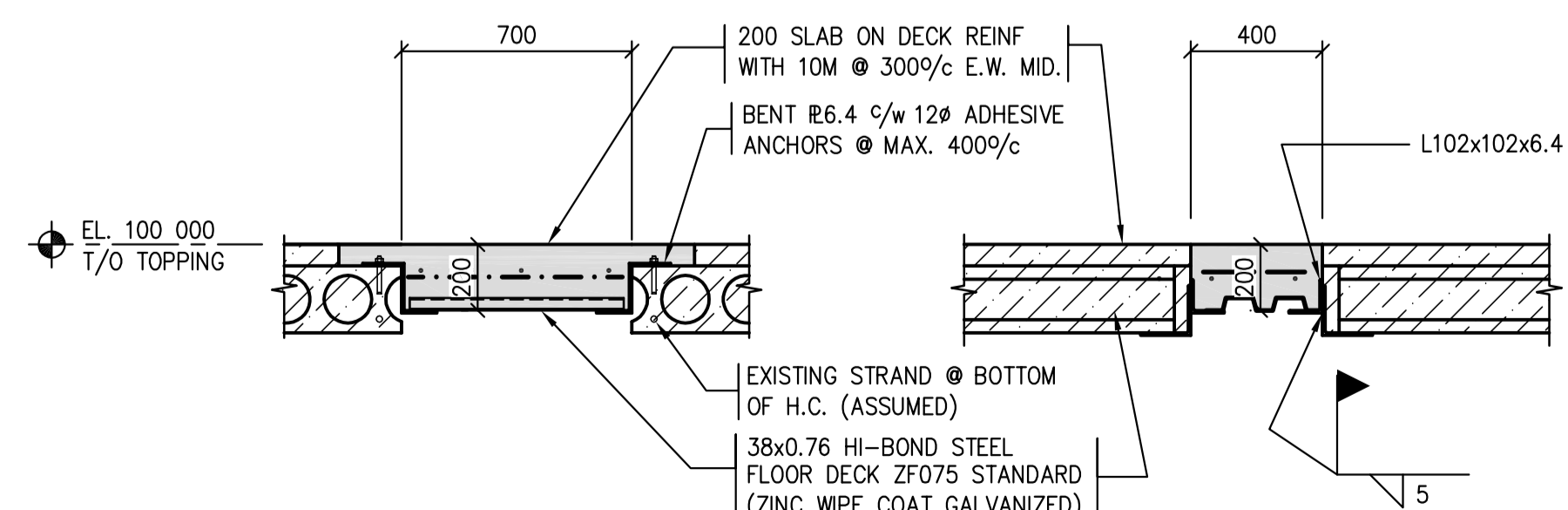
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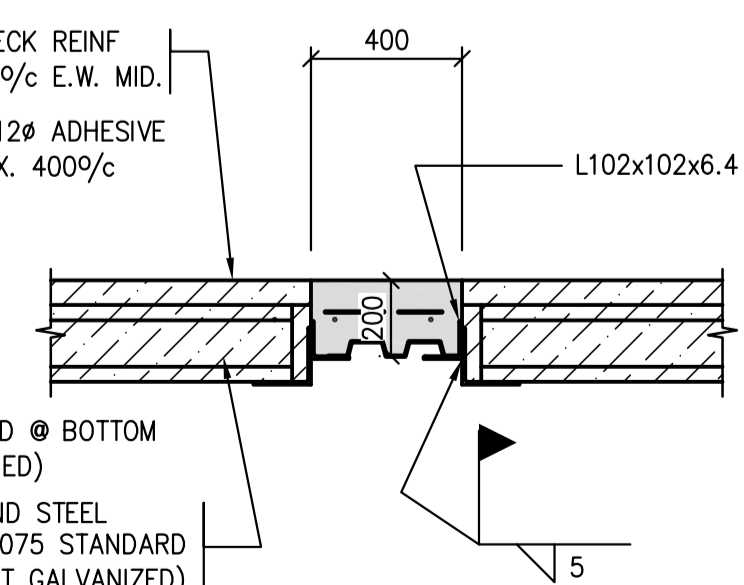
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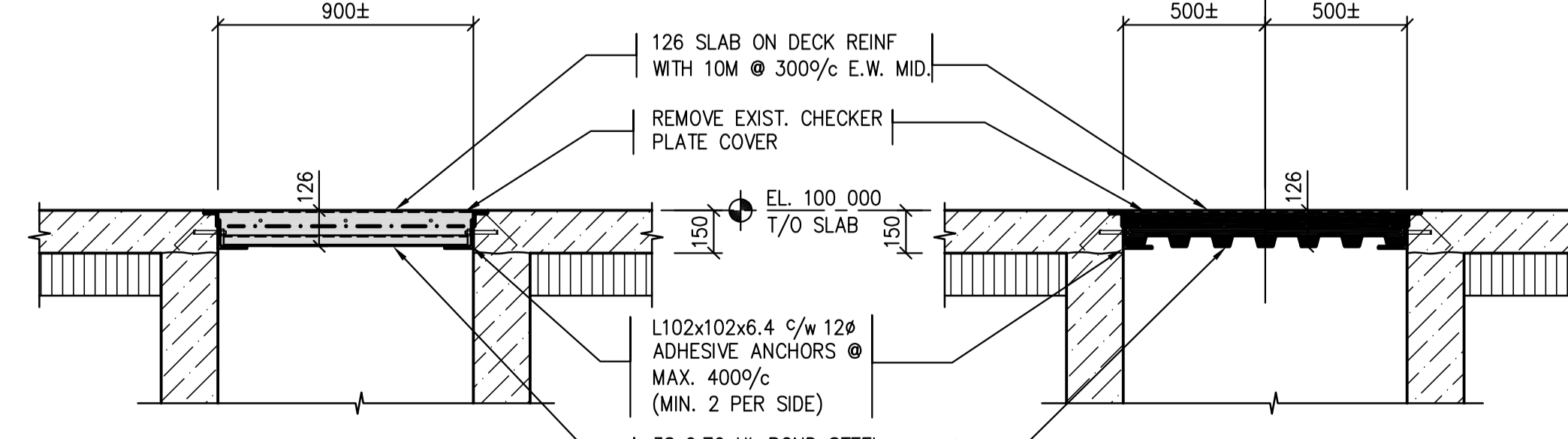
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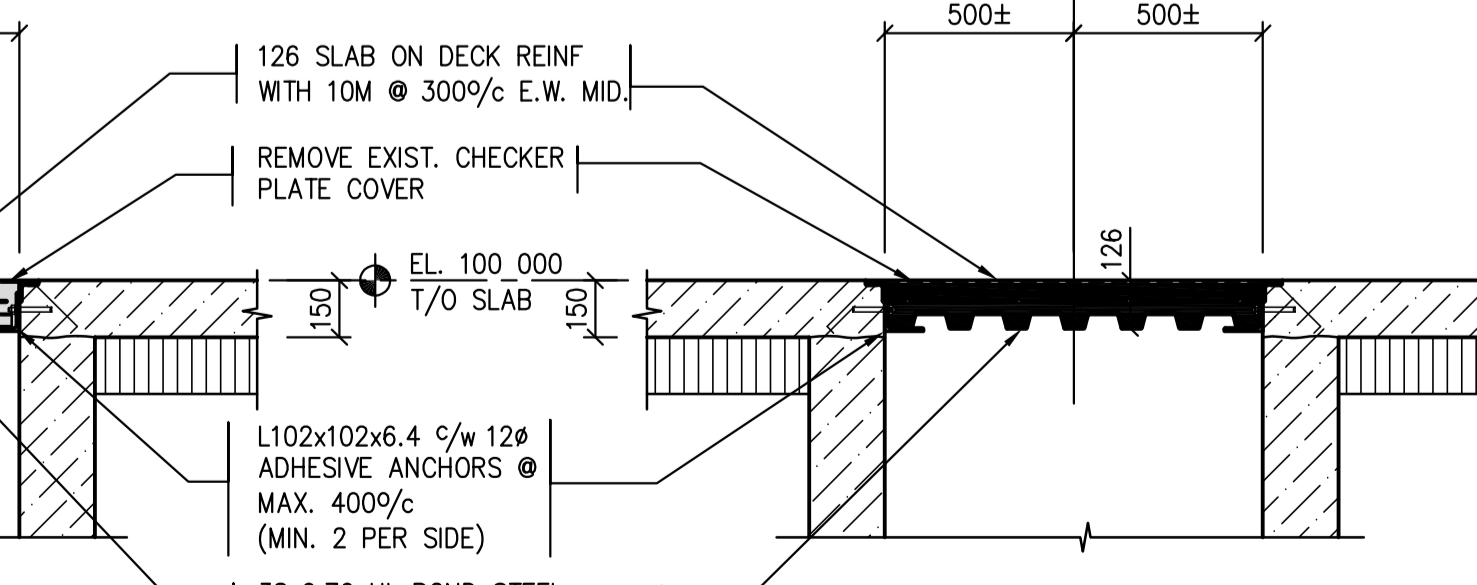
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S1.1|S1.2 1:20



7 SECTION
S1.1|S1.2 1:20



8 SECTION
S1.1|S1.2 1:20



9 SECTION
S1.1|S1.2 1:20



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SECTIONS

Project No./No. du projet 30/2015	Sheet/Feuille S1.2 87 800	Revision no./ La Révision no. 0
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LEGEND

— CHW	DOMESTIC COLD HARD WATER
— S	DOMESTIC COLD SOFT WATER
— DW	DISTILLED WATER
— DHW	DOMESTIC HOT SOFT WATER
— DHW-R	DOMESTIC HOT RECIRC. WATER
— T	DOMESTIC TEMPERED SUPPLY
— T-R	DOMESTIC TEMPERED RECIRC.
— O ₂	OXYGEN
— N ₂	NITROGEN
— HE	HELIUM
— AW	LABORATORY ACID WASTE
— VC	HOUSE VACUUM
— HWS	HEATING WATER SUPPLY
— HWR	HEATING WATER RETURN
— ED	EQUIPMENT DRAIN LINE
— PD	PUMPED DRAIN LINE
— S-AB	SHOP GRADE COMPRESSED AIR
— C-AB	GAS CHROMA GRADE COMPRESSED AIR
— L-AB	LABORATORY QUALITY COMPRESSED AIR
— GAS	NATURAL GAS
— SAN	SANITARY WASTE - ABOVE GRADE
— SAN-BELOW	SANITARY WASTE - BELOW GRADE
— VENT	SANITARY VENT
— STORM	STORM DRAIN - ABOVE GRADE
— STORM-BELOW	STORM DRAIN - BELOW GRADE
— RO	REVERSE OSMOSIS WATER
— IVALVE	ISOLATION VALVE
— GLOBE	GLOBE VALVE
— CV	CHECK VALVE (WITH FLOW DIRECTION)
— T-VALVE	TWO-WAY AUTOMATIC CONTROL VALVE
— T-VALVE	THREE-WAY AUTOMATIC CONTROL VALVE
— WYE	WYE STRAINER
— C-VALVE	CIRCUIT BALANCE VALVE
— AFR	AUTOMATIC FLOW RESTRICTOR
— UNION	UNION
— FLEX	FLEX CONNECTOR
— CLEANOUT	CLEANOUT
— FLOOR DRAIN	FLOOR DRAIN
— ROOF DRAIN	ROOF DRAIN
— PIPE UP	PIPE UP
— PRESSURE GAUGE/SENSOR	PRESSURE GAUGE/SENSOR
— TEMPERATURE GAUGE/SENSOR	TEMPERATURE GAUGE/SENSOR
— EXISTING SUPPLY LINES TO REMAIN, SHOWN SOLID LIGHT WEIGHT.	
— EXISTING RETURN LINES TO REMAIN, SHOWN DASHED LIGHT WEIGHT.	
— EXISTING ABOVE GRADE SAN AND STORM LINES TO REMAIN, SHOWN DASHED LIGHT WEIGHT.	
— EXISTING BELOW GRADE SAN AND STORM LINES TO REMAIN, SHOWN DASHED LIGHT WEIGHT.	
— EXISTING LINES TO BE REMOVED OR RELOCATED AS NOTED, SHOWN DOTTED HEAVY WEIGHT.	
— PIPE AND ROUND DUCT SIZE	
— RECTANGULAR DUCT SIZE	
— OVAL DUCT SIZE	

3004	MOTORIZED DAMPER
600X300	
600/300	
FD	FIRE DAMPER
SD	SMOKE DAMPER W/ ACTUATOR
90° ELBOW, PROVIDE TURNING VANES AS SPECIFIED, VANES ARE NOT SHOWN ON DRAWINGS	
MANUAL BALANCING DAMPER	
INTERNALLY INSULATED DUCT	
EXTERNALLY INSULATED DUCT, UNLESS SPECIFICALLY NOTED OTHERWISE	
EXISTING DUCT TO REMAIN, SHOWN SOLID LIGHT WEIGHT	
EXISTING DUCT TO BE REMOVED OR RELOCATED, SHOWN DOTTED HEAVY WEIGHT	
SUPPLY DUCT UP OR SECTION	
SUPPLY DUCT DOWN	
RETURN DUCT UP OR SECTION	
RETURN DUCT DOWN	
EXHAUST DUCT UP OR SECTION	
EXHAUST DUCT DOWN	
FIRE EXTINGUISHER IN CABINET	
FIRE EXTINGUISHER C/W WALL BRACKET	
TEMPERATURE SENSOR/THERMOSTAT	
PLUMBING FIXTURE AND TYPE: WC=WATER CLOSET, L=LAVATORY, UR=URINAL, FD=FLOOR DRAIN, DF=DRINKING FOUNTAIN, MS=MOP SINK, S=SINK, ES/EW = EMERGENCY SHOWER AND EYEWASH	
S/A	SUPPLY AIR
R/A	RETURN AIR
E/A	EXHAUST AIR
O/A	OUTDOOR AIR

EXISTING LAB OUTLETS

(A)	LAB AIR	(V)	CENTRAL VACUUM
(S)	SERVICE AIR	(H)	CHILLED WATER SUPPLY
(A)	GAS CHROM. QUALITY AIR	(R)	CHILLED WATER RETURN
(C)	COLD SOFT WATER	(O)	OXYGEN
(H)	COLD HARD WATER	(H ₂)	HYDROGEN
(H)	HOT SOFT WATER	(H ₂ P)	HIGH PURITY HELIUM
(H ₂)	DISTILLED WATER	(H ₂)	HELIUM
(W)	ACID WASTE	(N ₂ P)	HIGH PURITY NITROGEN
(S)	STEAM	(N ₂)	NITROGEN
		(CO ₂)	CARBON DIOXIDE

EQUIPMENT SCHEDULE

The design is based on the equipment listed here and noted in Equipment Schedule Tables. Refer to Section 23 05 00 for responsibilities when utilizing equipment that differs from the basis of design.

FIRE DAMPERS: ULC listed types as noted on drawings. Dampers to be installed in strict accordance with manufacturer's recommendations and authority having jurisdiction.

FIRE EXTINGUISHER CABINET FCC-1: National Fire Equipment Ltd. Model 102RS-SS semi-recessed stainless steel cabinet with glass in door, complete with ABC dry chemical fire extinguisher with 2-A: 10-B:C rating.

FIRE EXTINGUISHER CABINET FCC-2: National Fire Equipment Ltd. Model 102RS-SUR-SS surface mounted stainless steel cabinet with glass in door, complete with ABC dry chemical fire extinguisher with 2-A: 10-B:C rating.

WALL HUNG FIRE EXTINGUISHER: 4.5 kg (10 lb) ABC dry chemical fire extinguisher with 4-A: 60-B:C rating c/w wall bracket.

CARBON DIOXIDE FIRE EXTINGUISHER: 4.5 kg (10 lb) Carbon dioxide fire extinguisher with 10BC rating c/w wall bracket.

VARIABLE VOLUME TERMINAL UNITS: Existing Supply and Exhaust VAV boxes to be reused where indicated. Commission controls sequences for all boxes serving the area under construction. Disconnect and store boxes being relocated, cap duct ends during storage. Exhaust valves being removed in their entirety to be disposed of. See ventilation drawings for supply and exhaust terminal unit schedule.

EXHAUST AIR VALVE: Low pressure drop electronic pressure independent variable volume air valve with a compression section, two airflow control surfaces, factory-mounted digital vortex airflow measuring device factory-mounted standard speed electric actuator, integral access panel and integrated high performance closed-loop feedback controller with native BACnet. Valve body material for non-corrosive service shall be 18 gauge aluminum for body and 16 gauge for blades. Maximum operating pressure drop to be 50 Pa at design flow. Radiated NC level to be less than 30 at maximum flow of valve. Refer to Valve Schedule for size and airflow. Valve to utilize vortex shedding airflow sensing method or equivalent. See ventilation drawings for exhaust terminal unit schedule. Specification based on Accutrol H-AVC5000

CIRCUIT BALANCE VALVES: sized for flow required, installed in accordance with manufacturer's recommendations.

LINEAR/MODULAR RADIANT PANELS: TWA Linear/Modular Panels consisting of extruded aluminum planks with integral tube saddles and tongue and groove connections. Panels shall be held together with aluminum cross channels and spring clips installed at factory. Circulation tubing to be 5/8" diameter copper, mechanically fastened to the aluminum panels and complete with a non-hardening heat transfer paste between the tubing and the aluminum saddle. All piping return bends to be factory installed. Finish shall be electrostatic applied epoxy powder paint. Capacities, flow rates, lengths and arrangements shall be as noted in schedule below. Installation of radiant panels to be done in strict accordance with manufacturer's recommendations. Lengths and widths to be confirmed by the mechanical contractor prior to delivery. All panels to be installed to allow for expansion and contraction of panels. Based on an entering temperature of 93 deg.C (200 deg.F), and a temperature drop of 11.1 deg.C (20 deg.F). Output de-rated for 30% glycol solution. Mechanical contractor to install all necessary hangers, insulation, and trim pieces. Total output to be 466 watts/meter.

Type 'A': 610 wide four pass linear panel to match existing. Panel to be installed in T-bar ceiling, contractor to site measure requirements.

Type 'B': 610 wide four pass linear hanging exposed panel. Panel to be installed in exposed ceiling, contractor to site measure requirements.

Type 'C': 610 wide four pass fully enclosed linear panel. Panel to be installed in exposed ceiling, contractor to site measure requirements.

GRILLES & DIFFUSERS:

S-1: E.H. Price Model SPD 600 x 600, square plaque diffuser complete with equalizing grid. Installation to suit ceiling type (T-bar installation, drywall installation complete with frame, duct mounted when open to structure). Finish: off white baked enamel.

S-2: E.H. Price Model SPD 300 x 300, square plaque diffuser complete with equalizing grid. Installation to suit ceiling type (T-bar installation, drywall installation complete with frame, duct mounted when open to structure). Finish: off white baked enamel.

S-3: Price Model SPDE, spiral duct double deflection supply grille complete with steel opposed blade damper. Mount grille on duct and adjust blades to throw 45 degrees in all four directions. Finish: Custom, as selected by Architect.

S-4: E.H. Price Adjusta Slot AS Series linear slot diffuser complete with matched plenum. Diffuser to be suspended from structure in same plane as dropped ceilings. Diffuser to be 1220mm (4') long, 150mm inlet, single slot 1-way horizontal discharge. Connect to diffuser with hard duct complete with transition to match diffuser inlet. Face finish to be white powder coat B12. Interior finish to be black B17.

S-5: E.H. Price Adjusta Slot AS Series linear slot diffuser complete with matched plenum. Diffuser to be suspended from structure in same plane as dropped ceilings. Diffuser to be 1220mm (4') long, 200mm inlet, dual slot 2-way discharge. Connect to diffuser with hard duct complete with transition to match diffuser inlet. Face finish to be white powder coat B12. Interior finish to be black B17. Plenum to be black B17.

S-6: E.H. Price Adjusta Slot AS Series linear slot diffuser complete with matched plenum. Diffuser to be suspended from structure in same plane as dropped ceilings. Diffuser to be 610mm (2') long, 200mm inlet, dual slot, with 2-way horizontal discharge. Connect to diffuser with hard duct complete with transition to match diffuser inlet. Face finish to be white powder coat B12. Interior finish to be black B17. Plenum to be black B17.

S-7: E.H. Price Adjusta Slot AS Series linear slot diffuser complete with matched plenum. Diffuser to be suspended from structure in same plane as dropped ceilings. Diffuser to be 1220mm (4') long, 200mm inlet, dual slot 2-way discharge. Connect to diffuser with hard duct complete with transition to match diffuser inlet. Face and interior finish to be black B17. Plenum to be black B17.

S-8: E.H. Price Adjusta Slot AS Series linear slot diffuser complete with matched plenum. Diffuser to be suspended from structure in same plane as dropped ceilings. Diffuser to be 610mm (2') long, 200mm inlet, dual slot, with 2-way horizontal discharge. Connect to diffuser with hard duct complete with transition to match diffuser inlet. Face and interior finish to be black B17. Plenum to be black B17.

S-9: E.H. Price Adjusta Slot AS Series linear slot diffuser complete with matched plenum. Diffuser to be suspended from structure in same plane as dropped ceilings. Diffuser to be 1220mm (4') long, 200mm inlet, single slot 1-way horizontal discharge. Connect to diffuser with hard duct complete with transition to match diffuser inlet. Face and interior finish to be black B17. Plenum to be black B17.

R-1: E.H. Price, Model 80/TB/B12, eggcrate face return, duct mounted, white powder coat finish. Provide balancing damper on grille where balancing dampers are not installed in branch duct, refer to drawings.

E-1: Existing exhaust diffuser to remain as is. Rebalance as indicated on drawings and schedule

E-2: E.H. Price, Model 80/B12, eggcrate face return, t-bar lay-in, duct mount, or surface mounted (as indicated on drawings), white powder coat finish. Provide balancing damper on grille where balancing dampers are not installed in branch duct, refer to drawings.

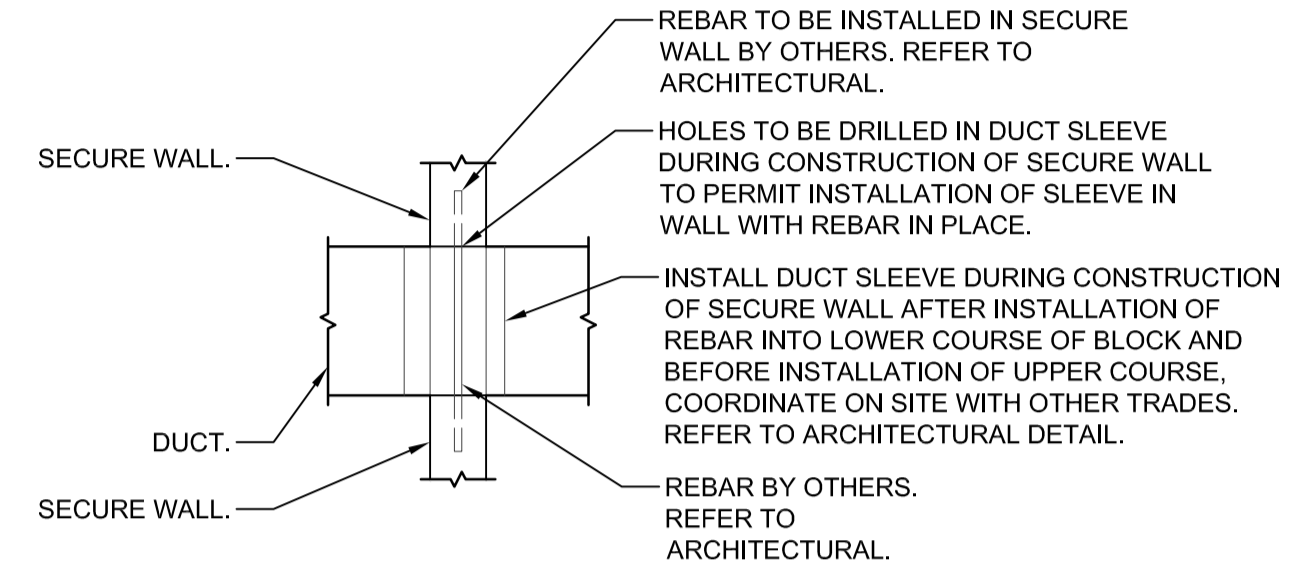
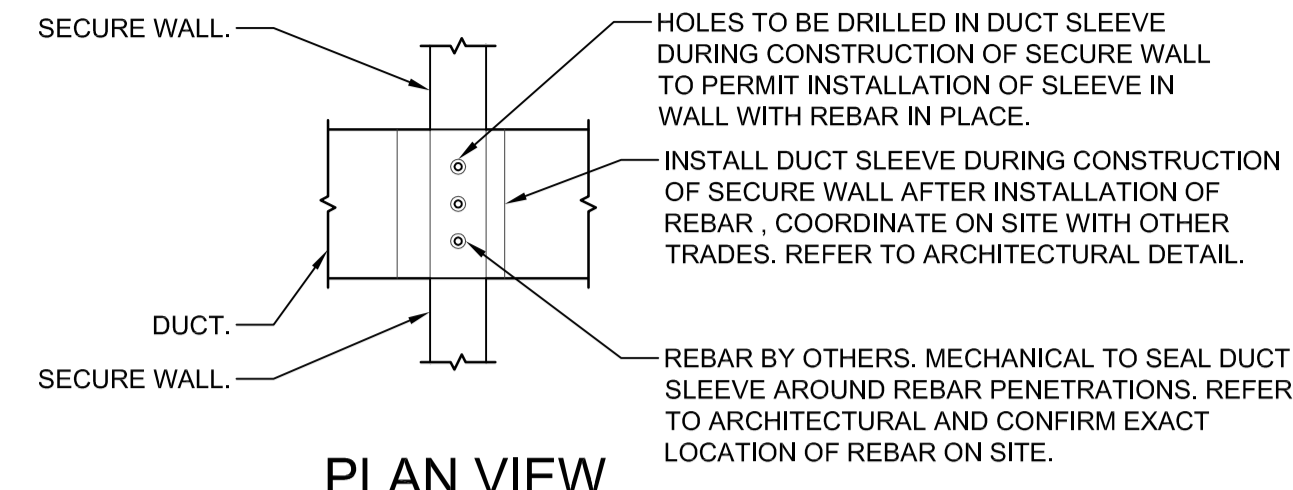
E-3: E.H. Price, Model 80DAL/ED/B17, eggcrate face return, duct mount, black finish. Provide balancing damper on grille where balancing dampers are not installed in branch duct, refer to drawings.

T-1: E.H. Price, Model 80/TB/B12, eggcrate face return, t-bar lay-in, duct mount, or surface mounted (as indicated on drawings), white powder coat finish. Provide balancing damper on grille where balancing dampers are not installed in branch duct, refer to drawings.

SQUARE INLINE EXHAUST FAN EF-32 (room 120): Fan shall be a belt driven centrifugal square inline fan. Fan shall have centrifugal wheel AMCA rated for air and sound performance. Units shall be complete with flexible duct connections. Suspend from structure complete with spring isolation. Ensure that manufacturer's requirements for straight length of duct inlet and outlet are achieved. Installation to be complete with backdraft damper. Controls and fan to be commissioned once installation is complete. Fan to be capable of 742 l/s (1573 cfm) airflow at 187 Pa (0.75") external static pressure. Motor: 373 W (1/2 HP), 208V/60/3 phase. Sound power LWA=71 (60 dBA) at inlet. Specification based on Cook Model 165SQN-HP

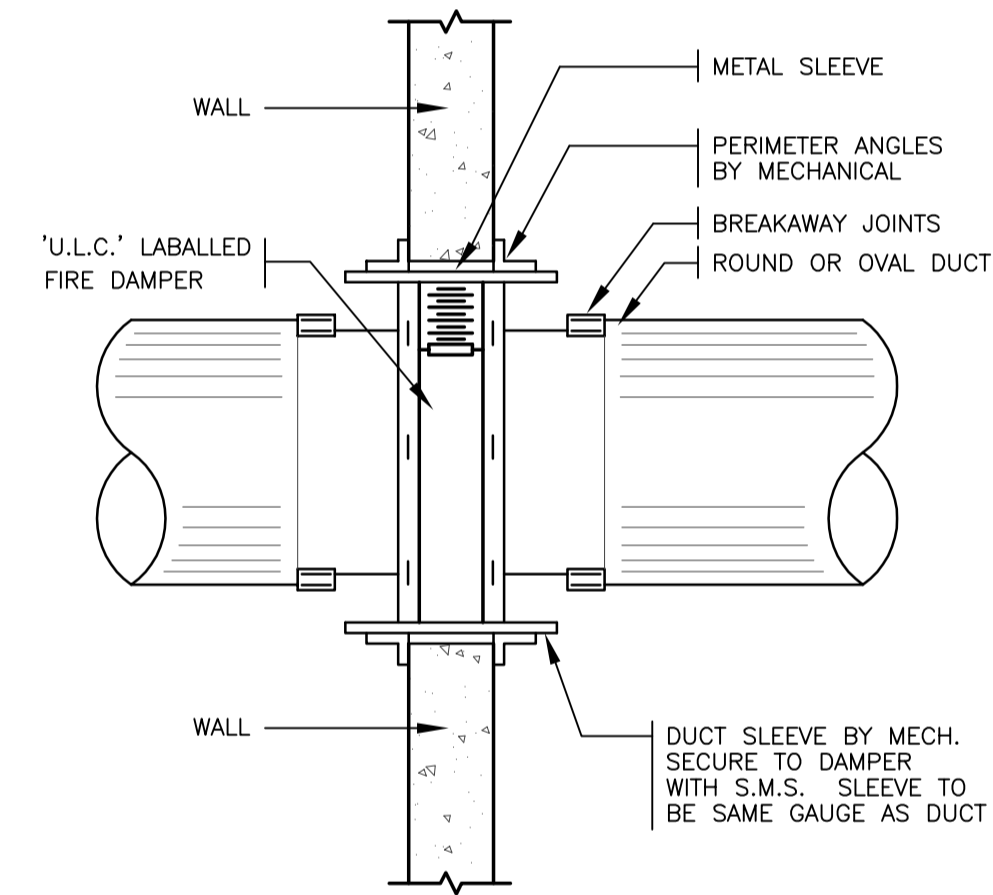
GENERAL MECHANICAL NOTES

- COORDINATE ALL WORK WITH OTHER TRADES AND SITE CONDITIONS.
- RUN PIPING AS HIGH AS POSSIBLE TO ALLOW MAXIMUM CLEARANCES.
- ALL PLUMBING PIPING BRANCH LINES ARE 1/2"Ø (12mm) UNLESS NOTED OTHERWISE.
- PLUMBING VENTING AS PER LOCAL CODES AND REQUIREMENTS.
- INSTALL AIR VENTS WITH QUARTER TURN ISOLATION BALL VALVE AT ALL HIGH POINTS IN THE HEATING SYSTEM PIPING.
- ALL RUNOUTS TO REHEAT COILS, RADIANT PANELS, OR WALL-FIN RADIATION TO BE 3/4"Ø (19mm) UNLESS NOTED OTHERWISE.
- REFER TO DETAILS FOR EQUIPMENT CONNECTIONS.
- ALL SUPPLY DUCTWORK SHOWN DOUBLE LINE INSIDE PERIMETER OF DUCT IS TO BE COMPLETE WITH 1" (25mm) INTERNAL INSULATION, ALL OTHER SUPPLY DUCTWORK IS TO BE C/W EXTERNAL INSULATION IN ACCORDANCE WITH SPECIFICATIONS. SIZES INCLUDE INTERNAL INSULATION WHERE APPLICABLE.
- ALL FITTINGS ON INTERNALLY INSULATED DUCTWORK ARE TO BE C/W INTERNAL INSULATION. ALL OTHERS ARE TO BE EXTERNALLY INSULATED.
- ALL SUPPLY AIR AND EXHAUST AIR BRANCH DUCTS TO GRILLES AND DIFFUSERS ARE TO BE C/W BALANCE DAMPERS IN BRANCH DUCT NEAR MAIN.
- RUN DUCTS AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCES.
- PROVIDE ACCESS DOORS FOR ACCESS TO ALL MOTORIZED DAMPERS, FIRE DAMPERS, COILS, CONTROL DEVICES, AND TO FACILITATE DUCT CLEANING.
- PROVIDE TURNING VANES IN ELBOWS.

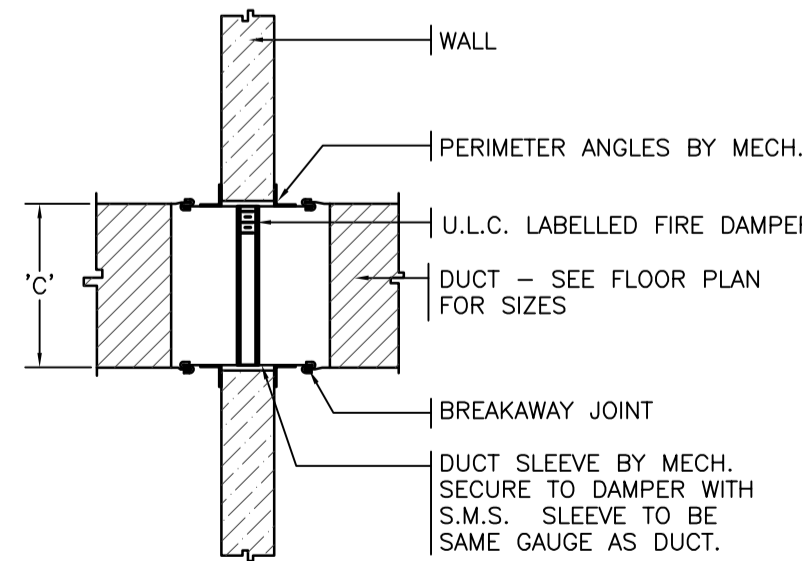


SECTION VIEW

SECURITY BAR DETAIL FOR DUCTS WITHOUT FIRE DAMPERS

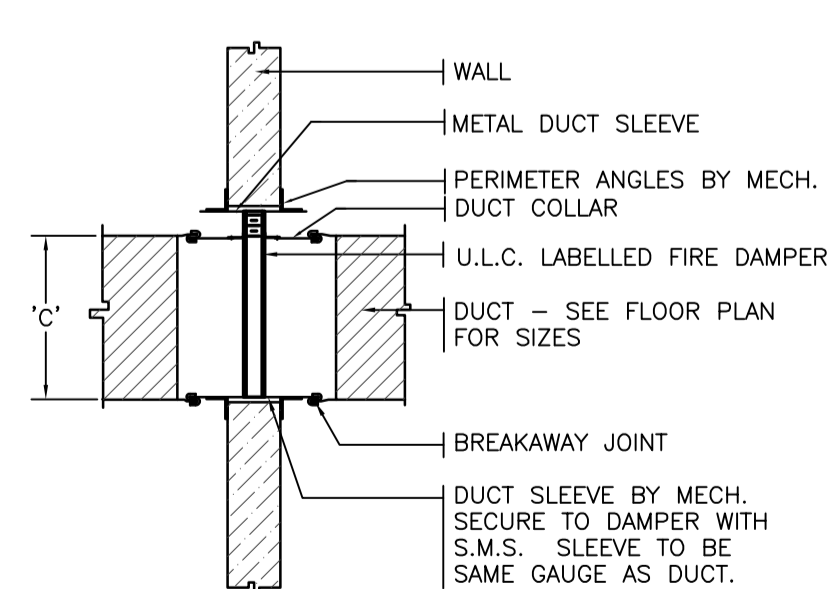


TYPE 'C' FIRE DAMPER n.t.s.



FOR DUCTS WITH 'C' DIMENSION 300 (12") AND LARGER.

TYPE 'A' FIRE DAMPER - n.t.s.



FOR DUCTS WITH 'C' DIMENSION SMALLER THAN 300 (12")

TYPE 'B' FIRE DAMPER - n.t.s.



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INTERIOR FIT-UP PHASE II REGINA, SASKATCHEWAN

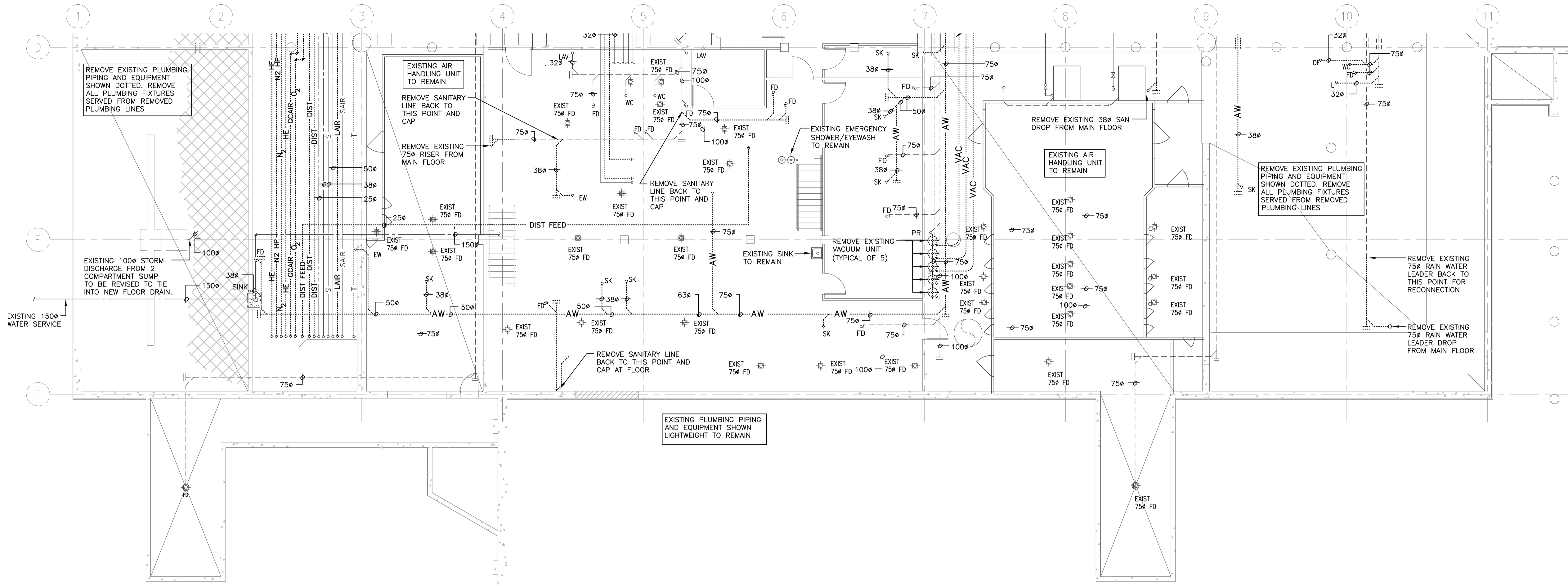
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EQUIPMENT SCHEDULE

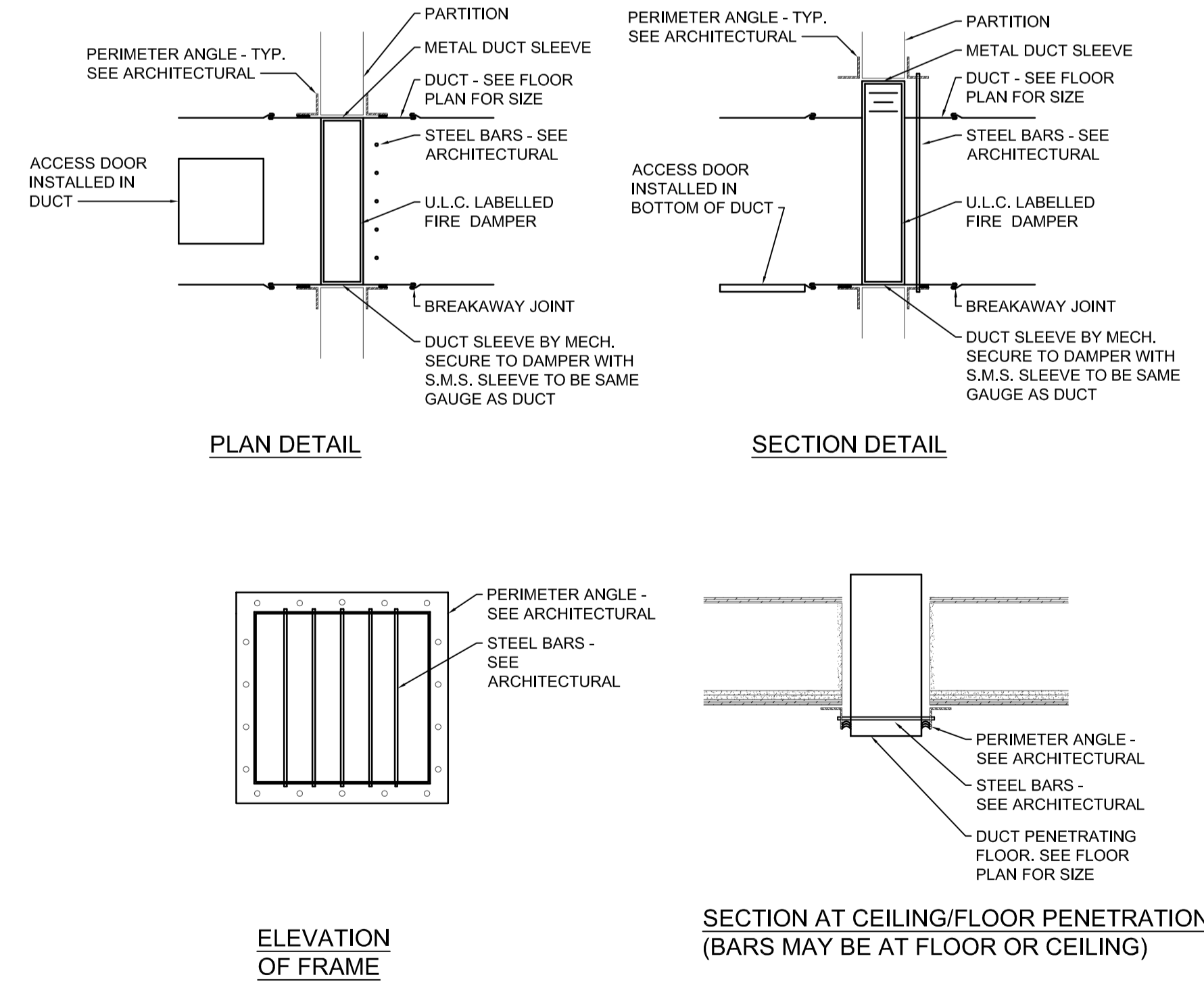
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1 BASEMENT FLOOR PLAN EAST
 NORTH
 MT.1
 1:100

Silencer Schedule															
Design based on VAW Systems. Silencer are constructed of 22 gauge galvanized steel casing, 22 gauge galvanized steel perforated liner, fiberglass acoustic media, medial liner (tedlar or mylar) and 50mm slip connections. Silencer to be externally insulated in field to match connected ductwork															
Tag	Model Number	Room Served	General Information		Silencer Configuration	Airflow		Minimum Required Attenuation							
			Silencer Cross Section (W x H) mm	Silencer Length mm		L/S	Pressure Drop (CFM) Pa in. w.c.	63	125	250	500	1k	2k	4k	8k
SL-1	REA	Room 144	300x300	1700	L Configuration	47	(100) 5 0.02	8	18	32	39	50	51	43	31
SL-2	REA	Room 104	300x300	1700	L Configuration	47	(100) 5 0.02	8	18	32	39	50	51	43	31
SL-3	REA	Room 143	300x300	1700	L Configuration	47	(100) 5 0.02	8	18	32	39	50	51	43	31
SL-4	REA	Room 142	300x300	1700	L Configuration	47	(100) 5 0.02	8	18	32	39	50	51	43	31
SL-5	RSA	Room 141	300x300	1500	Straight	47	(100) 4 0.02	5	10	21	38	50	51	43	22
SL-6	REA	Room 138	1000x450	3200	L Configuration	1602	(3396) 26 0.10	10	25	37	50	52	50	41	27
SL-7	REA	Room 135	300x300	1700	L Configuration	134	(284) 5 0.02	8	18	32	39	50	51	43	31
SL-8	REA	Room 109	300x300	1700	L Configuration	94	(199) 5 0.02	8	18	32	39	50	51	43	31
SL-9	REA	Room 106	600x350	3100	L Configuration	840	(1781) 14 0.06	10	19	27	41	48	40	30	23
SL-10	REA	Room 106	600x350	3100	L Configuration	651	(1380) 25 0.10	10	25	34	44	51	41	35	23
SL-11	REA	Room 106	600x350	3100	L Configuration	750	(1590) 25 0.10	10	25	34	44	51	41	35	23
SL-12	REA	Room 234	600x600	3100	L Configuration	627	(1329) 20 0.08	12	29	39	50	55	50	38	26
SL-13	RSA	Room 233	300x300	1500	Straight	198	(420) 15 0.06	5	10	21	38	50	51	43	22
SL-14	RSA	Room 232	300x300	1500	Straight	188	(399) 15 0.06	5	10	21	38	50	51	43	22
SL-15	RSA	Room 231	200x150	1500	Straight	57	(121) 13 0.05	5	12	23	38	40	40	34	21
SL-16	REA	Room 230	150x150	1300	L Configuration	24	(51) 5 0.02	7	15	27	32	42	42	38	28
SL-17	REA	Room 229	150x150	1300	L Configuration	24	(51) 5 0.02	7	15	27	32	42	42	38	28
SL-18	REA	Room 216	300x300	1800	L Configuration	47	(100) 5 0.02	9	19	33	41	51	52	43	31
SL-19	REA-T	Room 214	1000x450	2700	T Configuration	1920	(4070) 16 0.06	7	18	24	35	44	39	32	24
SL-20	RSA	Room 208	600x300	3000	Straight	354	(750) 14 0.06	15	23	40	48	55	49	39	18
SL-21	REA-Z	Room 211	600x300	2700	Z Configuration	376	(797) 25 0.10	13	26	38	49	55	52	38	25
SL-22	REA	Room 210	150x150	1300	L Configuration	24	(51) 5 0.02	7	15	27	32	42	42	38	28
SL-23	REA	Room 209	150x150	1300	L Configuration	24	(51) 5 0.02	7	15	27	32	42	42	38	28
SL-24	REA	Room 207	600x300	3400	Straight	354	(750) 21 0.08	13	31	42	51	55	51	40	26
SL-25	REA	Room 205	200x200	1300	L Configuration	57	(121) 7 0.03	8	15	27	33	42	41	35	26
SL-26	RSA	Room 206	450x300	2100	Straight	288	(611) 15 0.06	10	15	34	52	50	49	43	23
SL-27	REA	Room 204	300x300	2200	L Configuration	118	(250) 5 0.02	11	22	37	49	55	53	44	31
SL-28	REA	Room 202	200x200	1300	L Configuration	57	(121) 7 0.03	8	15	27	33	42	41	35	26
SL-29	REA	Room 203	600x350	3100	L Configuration	1224	(2595) 19 0.08	10	22	34	46	51	48	37	26



SECURITY BAR DETAIL FOR PENETRATIONS WITH FIRE/SMOKE SEPARATION

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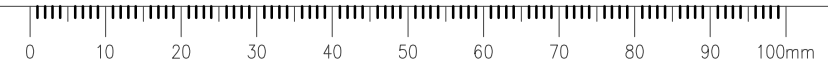
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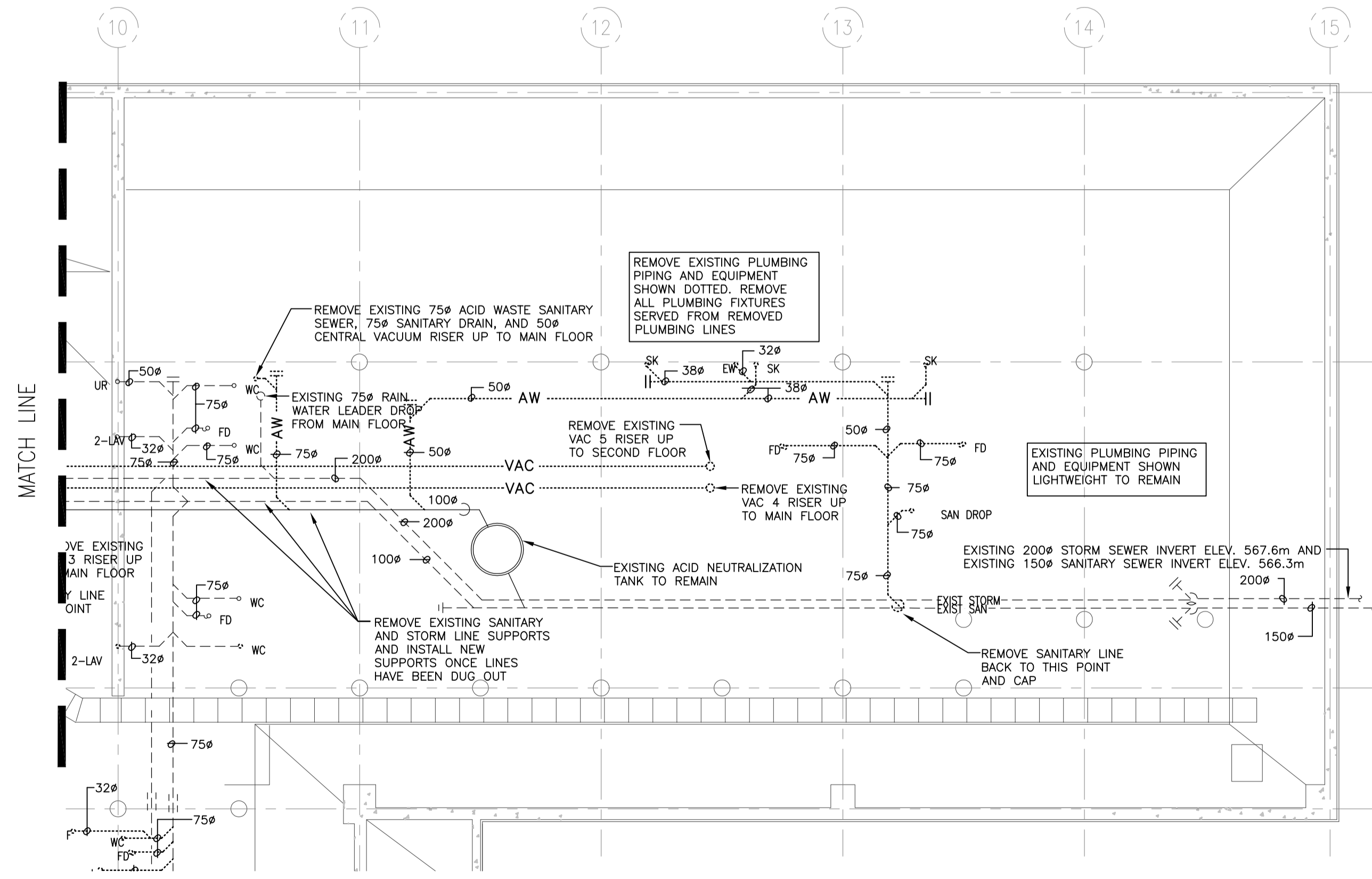
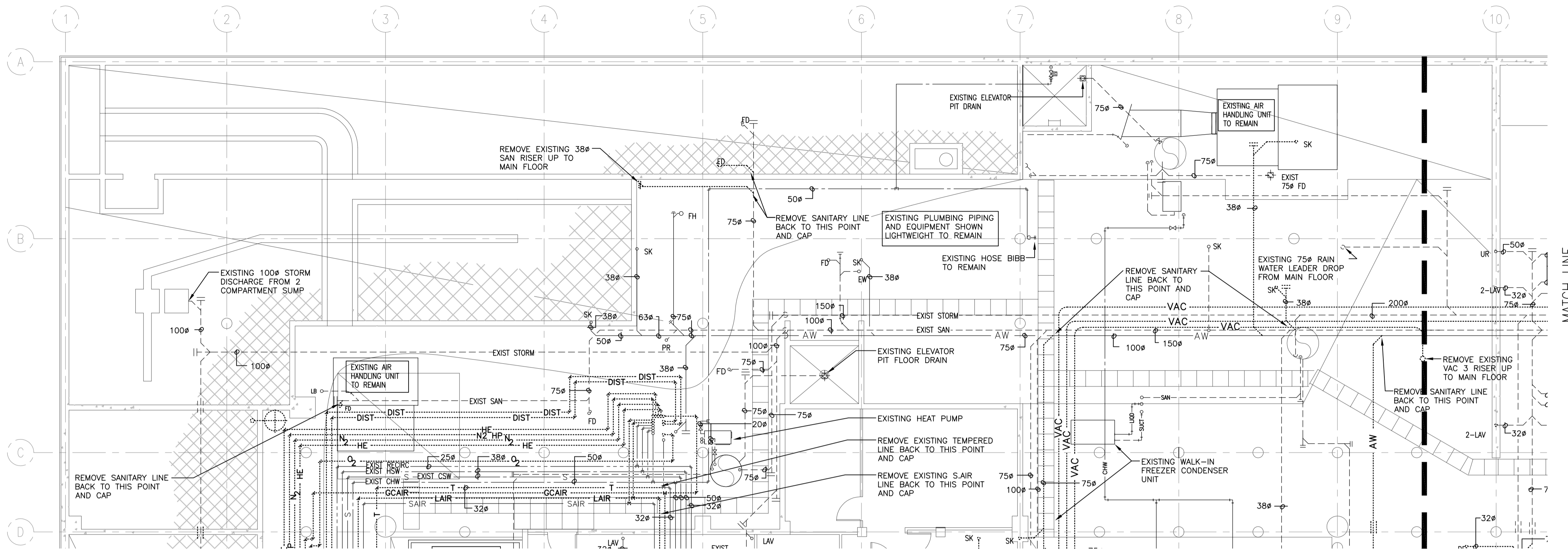
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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JDL
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 Architectural and Engineering Resources Manager/
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**BASEMENT FLOOR PLAN EAST
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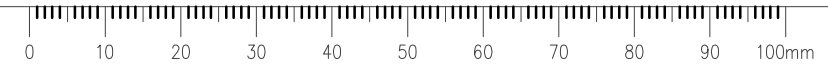
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**INTERIOR FIT-UP PHASE II
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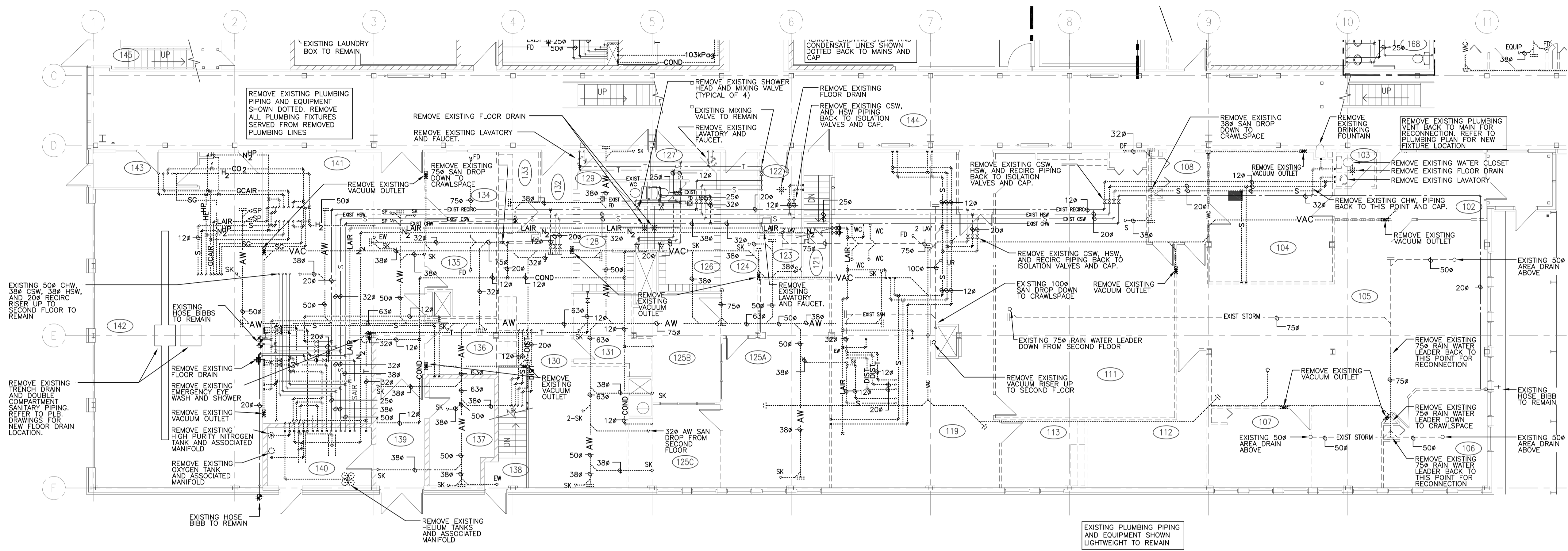
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**BASEMENT FLOOR PLAN WEST
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1 **BASEMENT FLOOR PLAN WEST**
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EXISTING 50# CHW, 38# CSW, 38# HSW, AND 20# RECIRC RISER UP TO SECOND FLOOR TO REMAIN

REMOVE EXISTING TRENCH DRAIN AND DOUBLE COMPARTMENT SANITARY PIPING. REFER TO P.L.B. DRAWINGS FOR NEW FLOOR DRAIN LOCATION.

REMOVE EXISTING FLOOR DRAIN

REMOVE EXISTING EMERGENCY EYE WASH AND SHOWER

REMOVE EXISTING VACUUM OUTLET

REMOVE EXISTING HIGH PURITY NITROGEN TANK AND ASSOCIATED MANIFOLD

REMOVE EXISTING OXYGEN TANK AND ASSOCIATED MANIFOLD

EXISTING HOSE BIBB TO REMAIN

EXISTING PLUMBING PIPING AND EQUIPMENT SHOWN LIGHTWEIGHT TO REMAIN

 1 MAIN FLOOR PLAN EAST
1:100

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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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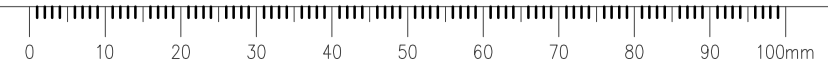
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 REGINA, SASKATCHEWAN**

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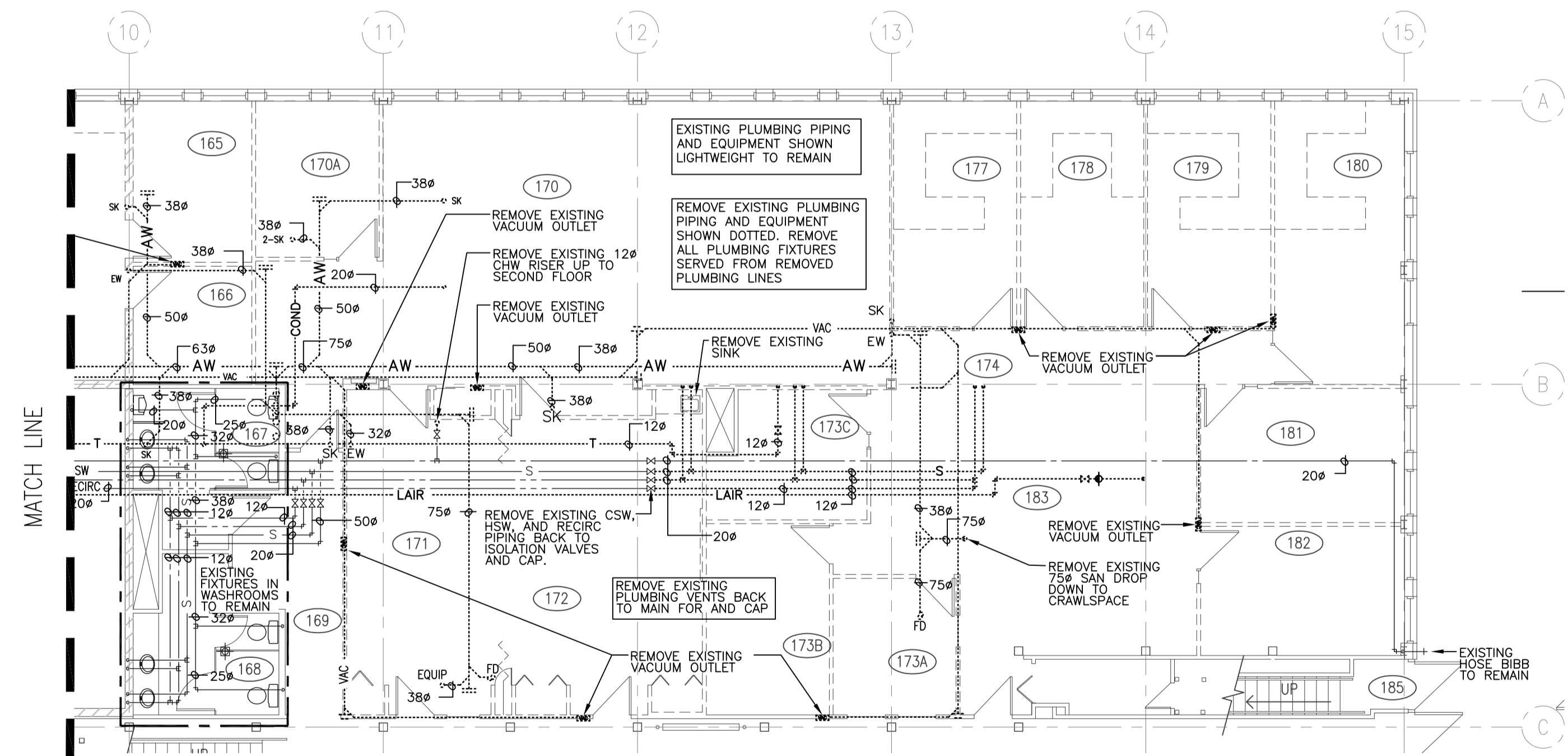
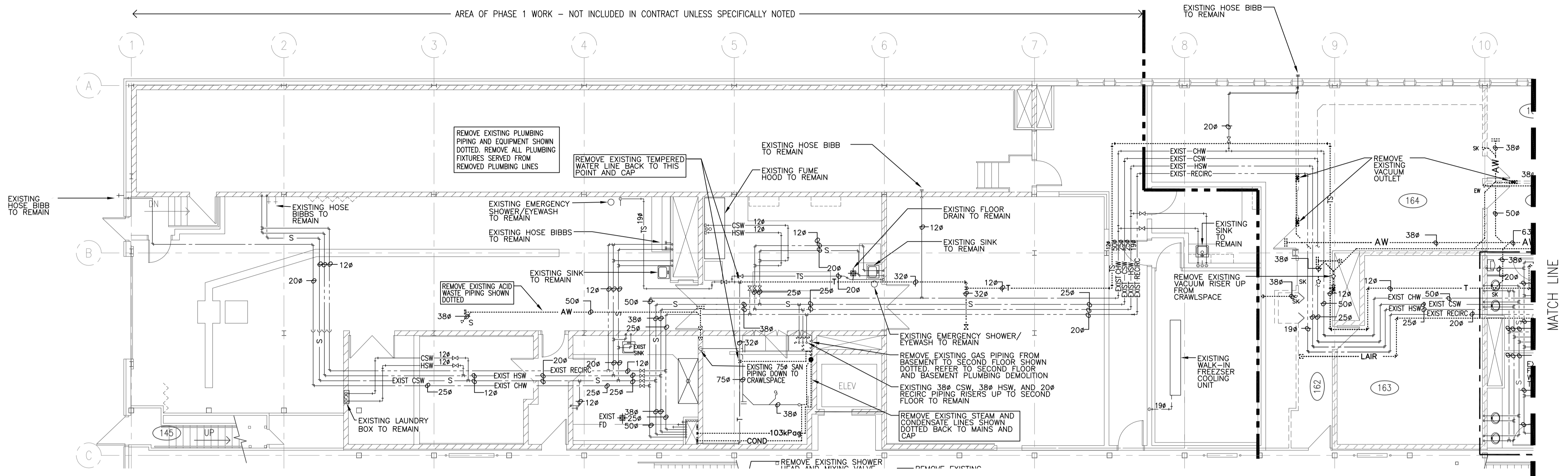
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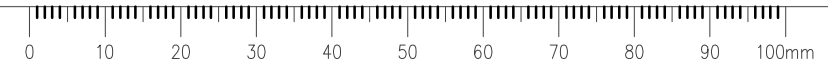
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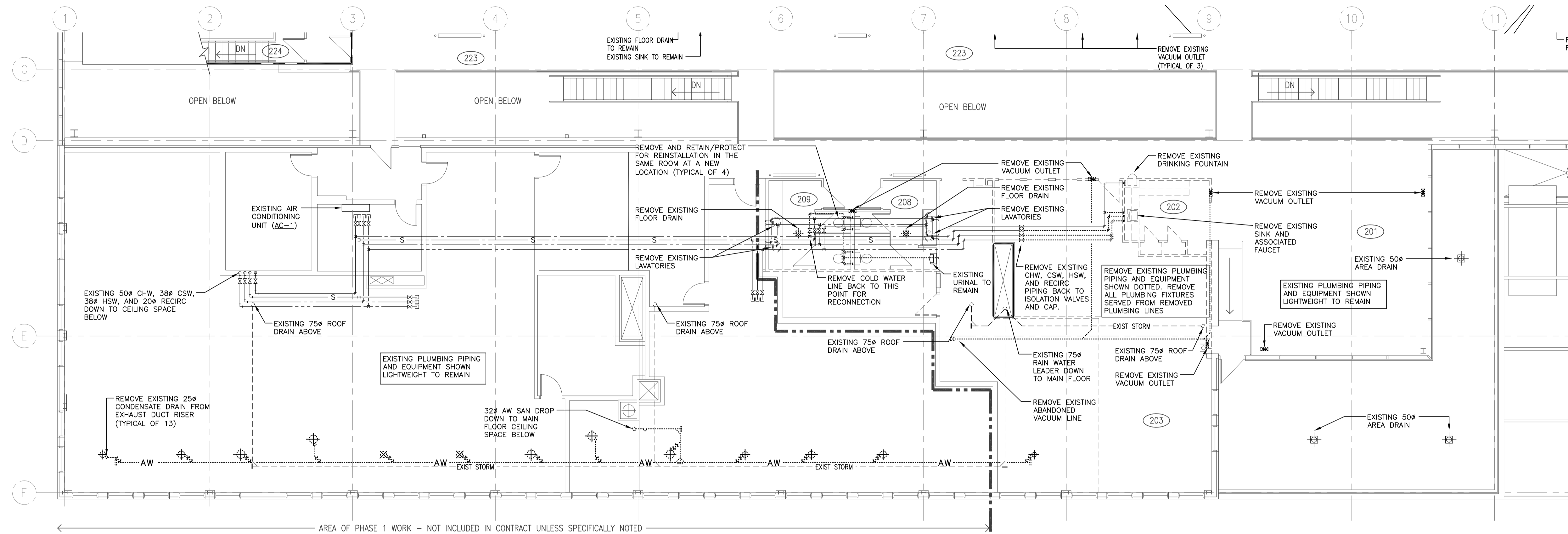
**MAIN FLOOR PLAN WEST
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1 MAIN FLOOR PLAN WEST
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1 SECOND FLOOR PLAN EAST
M1.5 1:100

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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

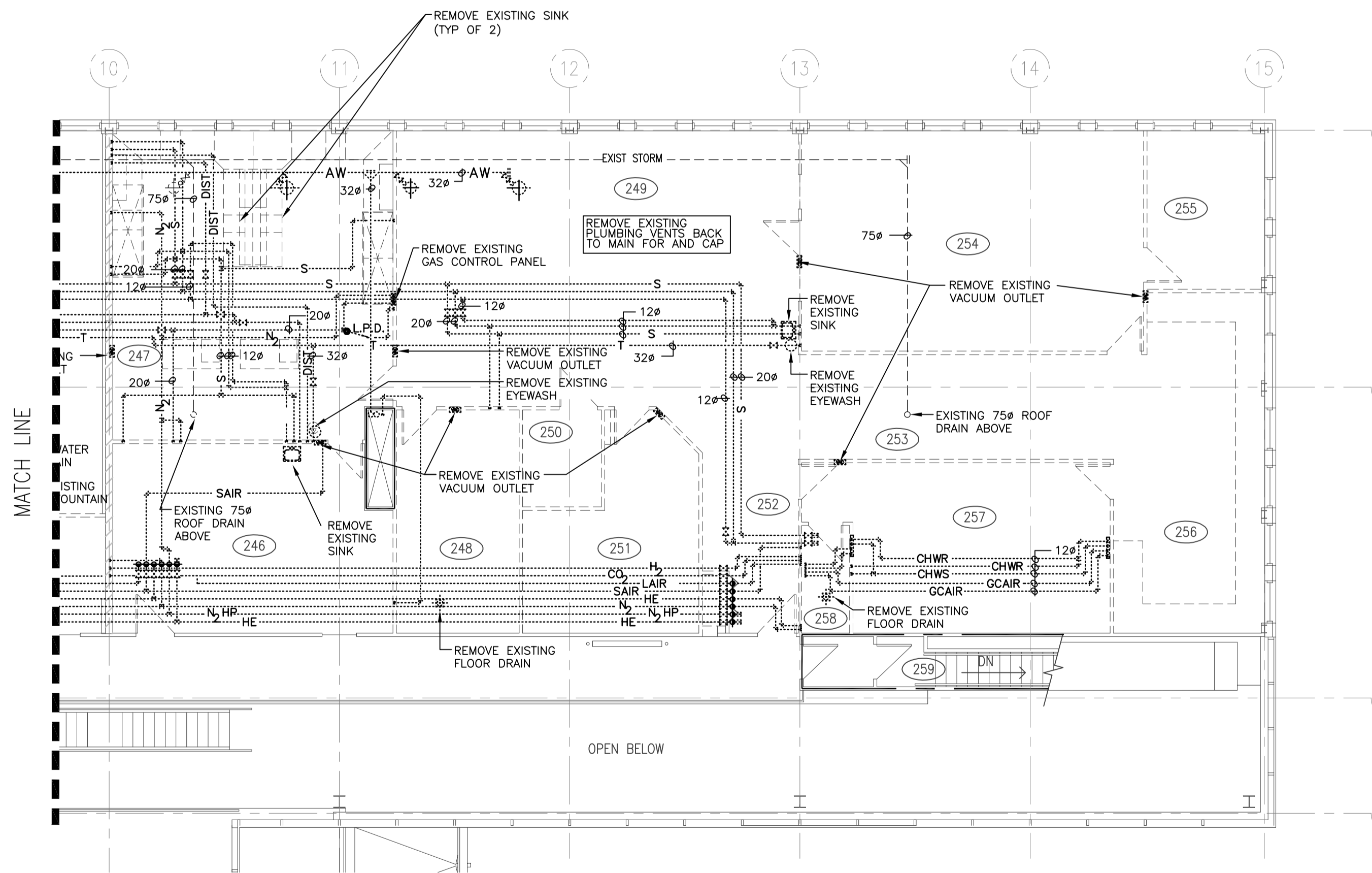
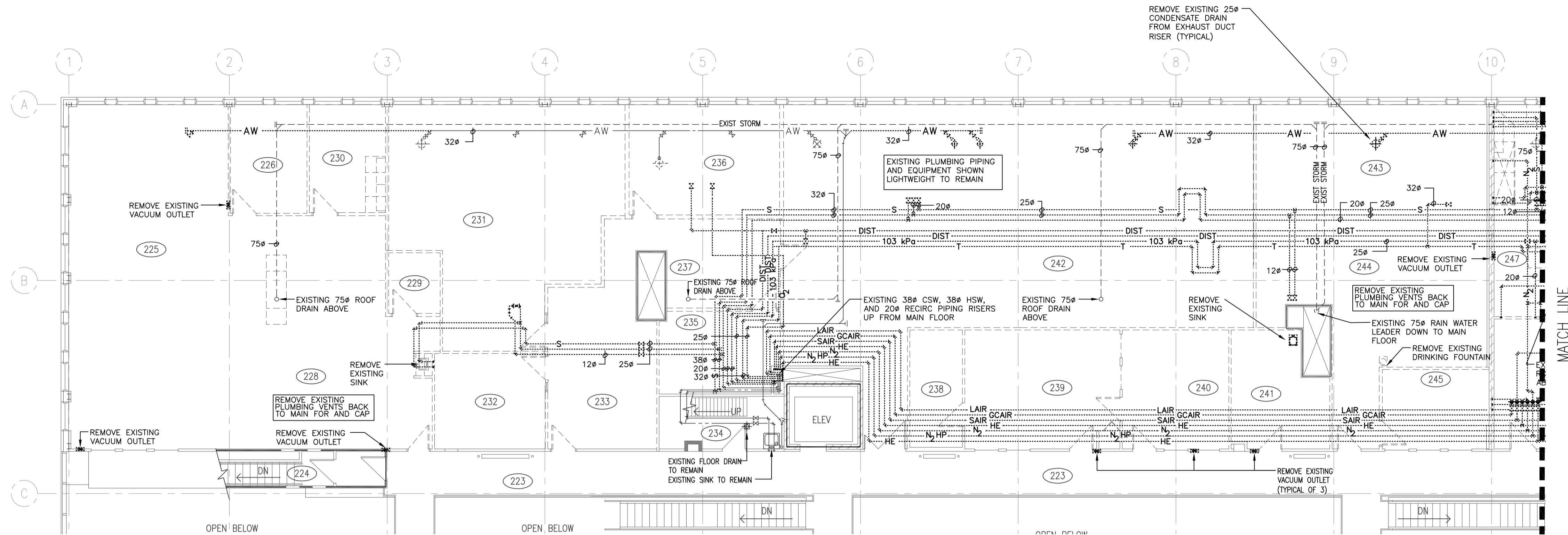
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**SECOND FLOOR PLAN EAST
 PLUMBING DEMOLITION**

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1 SECOND FLOOR PLAN WEST
M1.6 1:100

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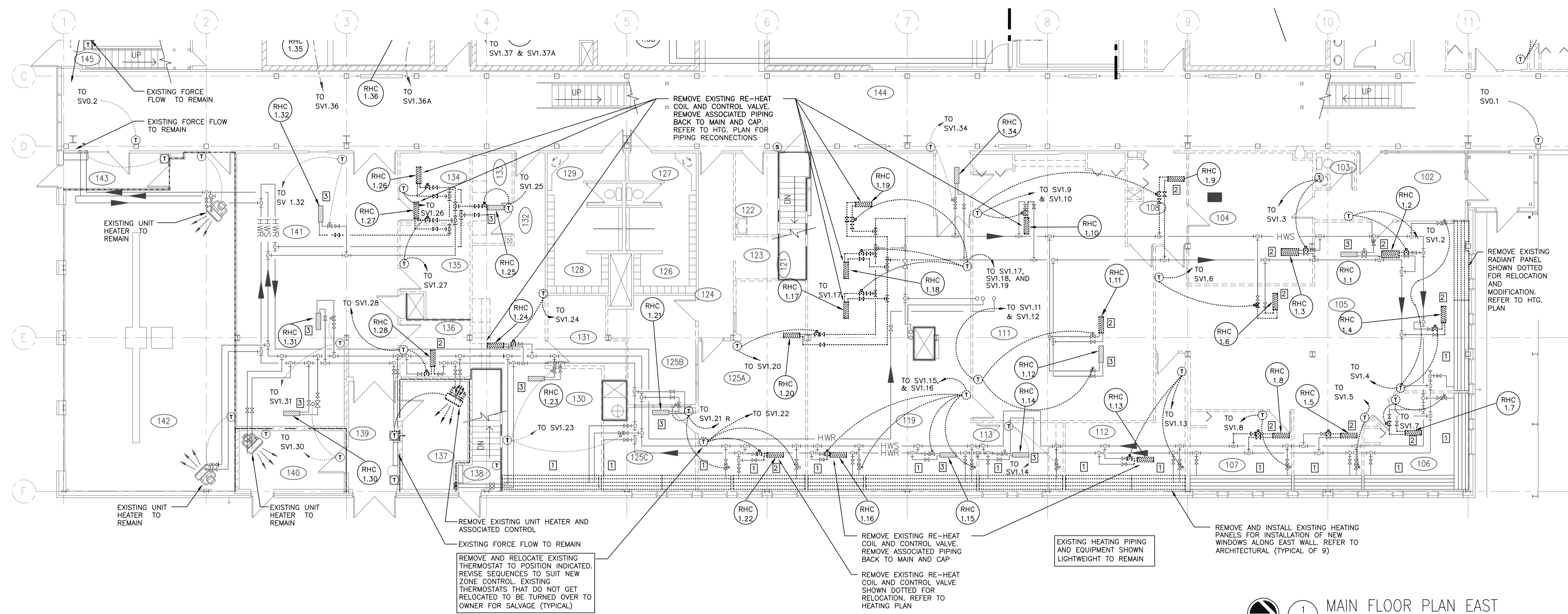
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Project title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par
 Designed by/Concept par
TKC
 Drawn by/Dessine par
JDL
 Project Manager/Administrateur de Projets
HMKS
 Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie

Client/client
 Drawing title/Titre du dessin
**SECOND FLOOR PLAN EAST
 PLUMBING DEMOLITION**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M1.6	0



1 MAIN FLOOR PLAN EAST
 1:100

- KEY NOTES**
- 1 EXISTING RADIANT PANEL TO REMAIN
 - 2 REMOVE EXISTING RE-HEAT COIL SHOWN DOTTED FOR RELOCATION. REFER TO HTG. PLAN
 - 3 EXISTING RE-HEAT COIL TO REMAIN

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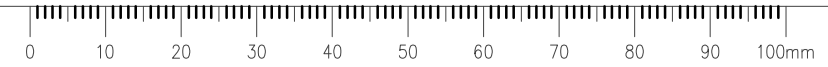
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INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN

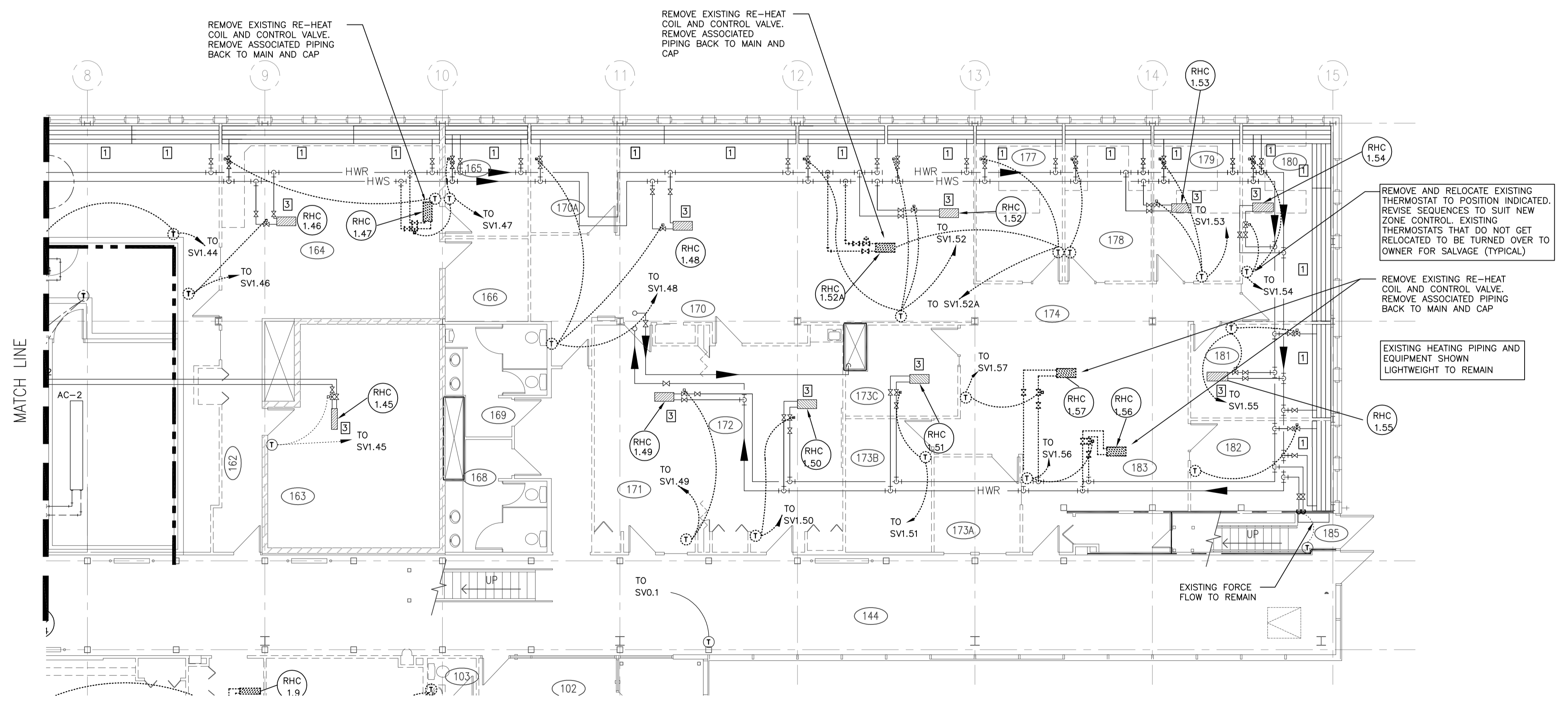
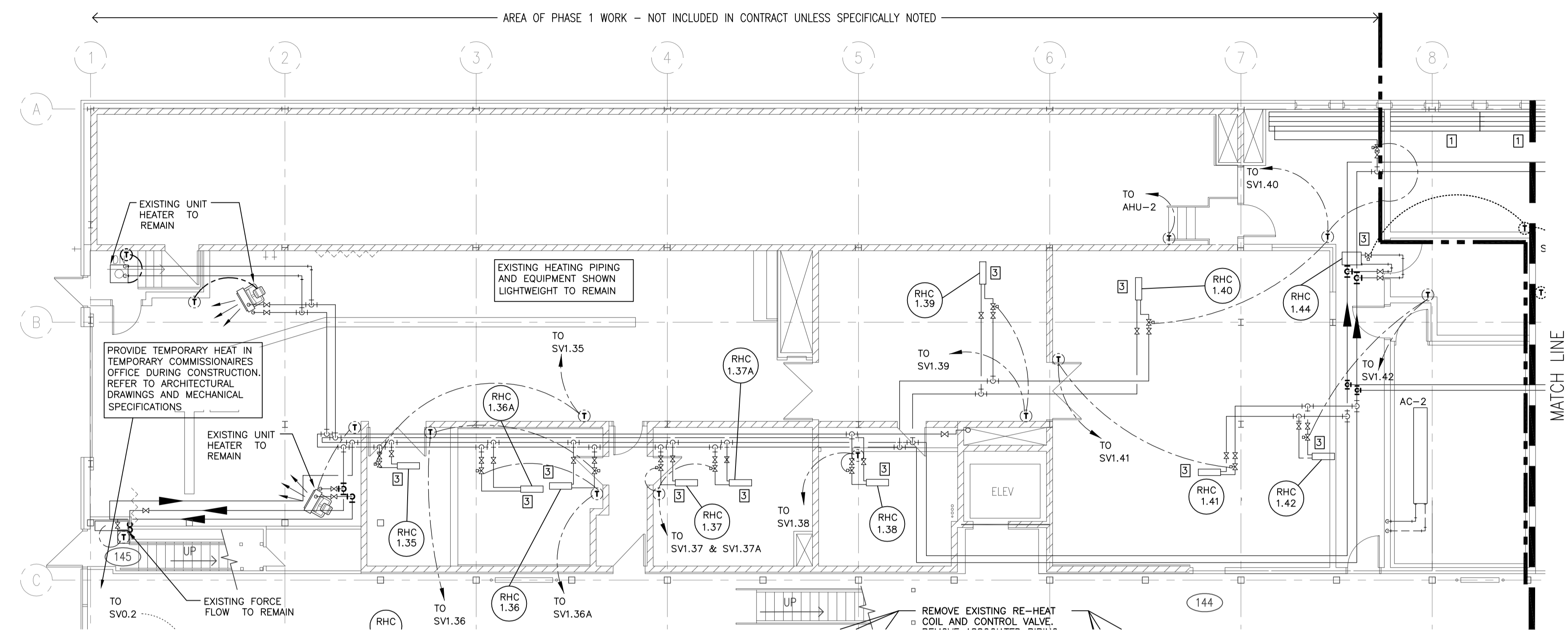
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MAIN FLOOR PLAN EAST
HEATING - DEMOLITION

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M1.7	0



- KEY NOTES**
- 1 EXISTING RADIANT PANEL TO REMAIN
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1 MAIN FLOOR PLAN WEST
M1.8 1:100

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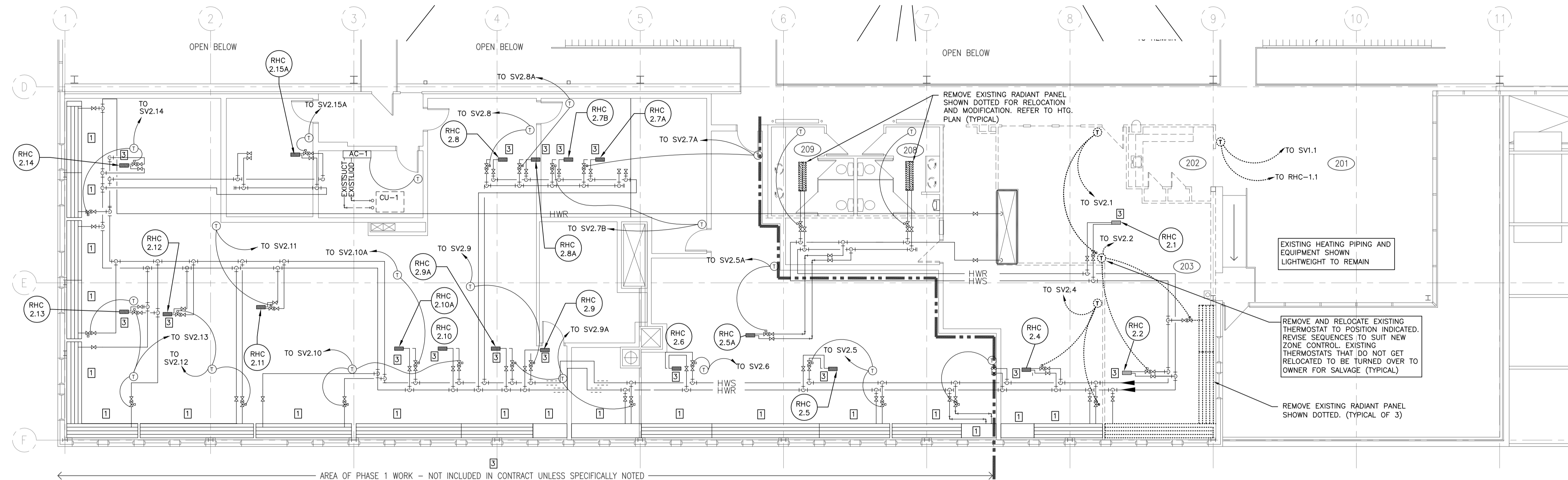
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**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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Project Manager/Administrateur de Projets
HMKS
Architectural and Engineering Resources Manager/
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**MAIN FLOOR PLAN WEST
HEATING - DEMOLITION**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M1.8	0





1 SECOND FLOOR PLAN EAST
 1:100
 NORTH

- KEY NOTES**
- 1 EXISTING RADIANT PANEL TO REMAIN
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 - 3 EXISTING RE-HEAT COIL TO REMAIN

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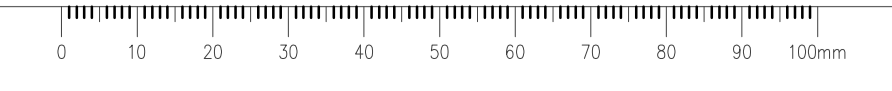
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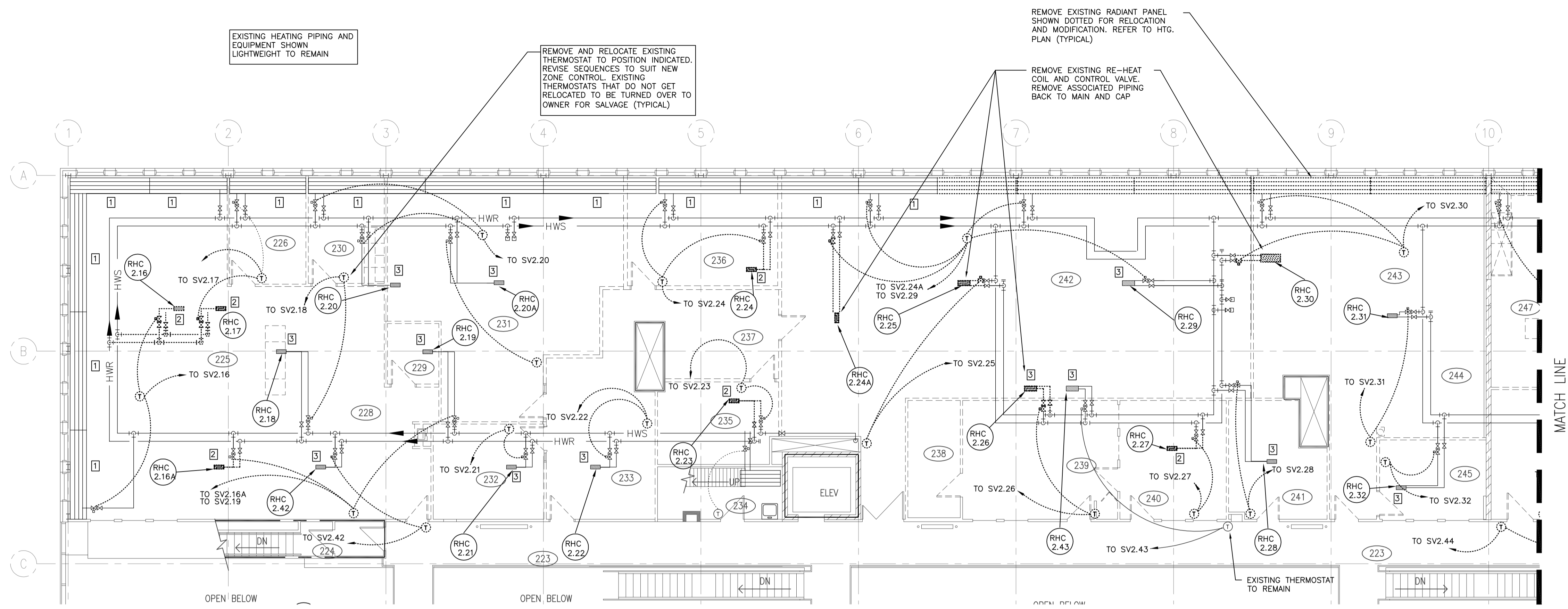
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 REGINA, SASKATCHEWAN**

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Drawing title/Titre du dessin
**SECOND FLOOR PLAN EAST
 HEATING - DEMOLITION**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M1.9	0





EXISTING HEATING PIPING AND EQUIPMENT SHOWN LIGHTWEIGHT TO REMAIN

REMOVE AND RELOCATE EXISTING THERMOSTAT TO POSITION INDICATED. REVISE SEQUENCES TO SUIT NEW ZONE CONTROL. EXISTING THERMOSTATS THAT DO NOT GET RELOCATED TO BE TURNED OVER TO OWNER FOR SALVAGE (TYPICAL)

REMOVE EXISTING RADIANT PANEL SHOWN DOTTED FOR RELOCATION AND MODIFICATION. REFER TO HTG. PLAN (TYPICAL)

REMOVE EXISTING RE-HEAT COIL AND CONTROL VALVE. REMOVE ASSOCIATED PIPING BACK TO MAIN AND CAP

OPEN BELOW

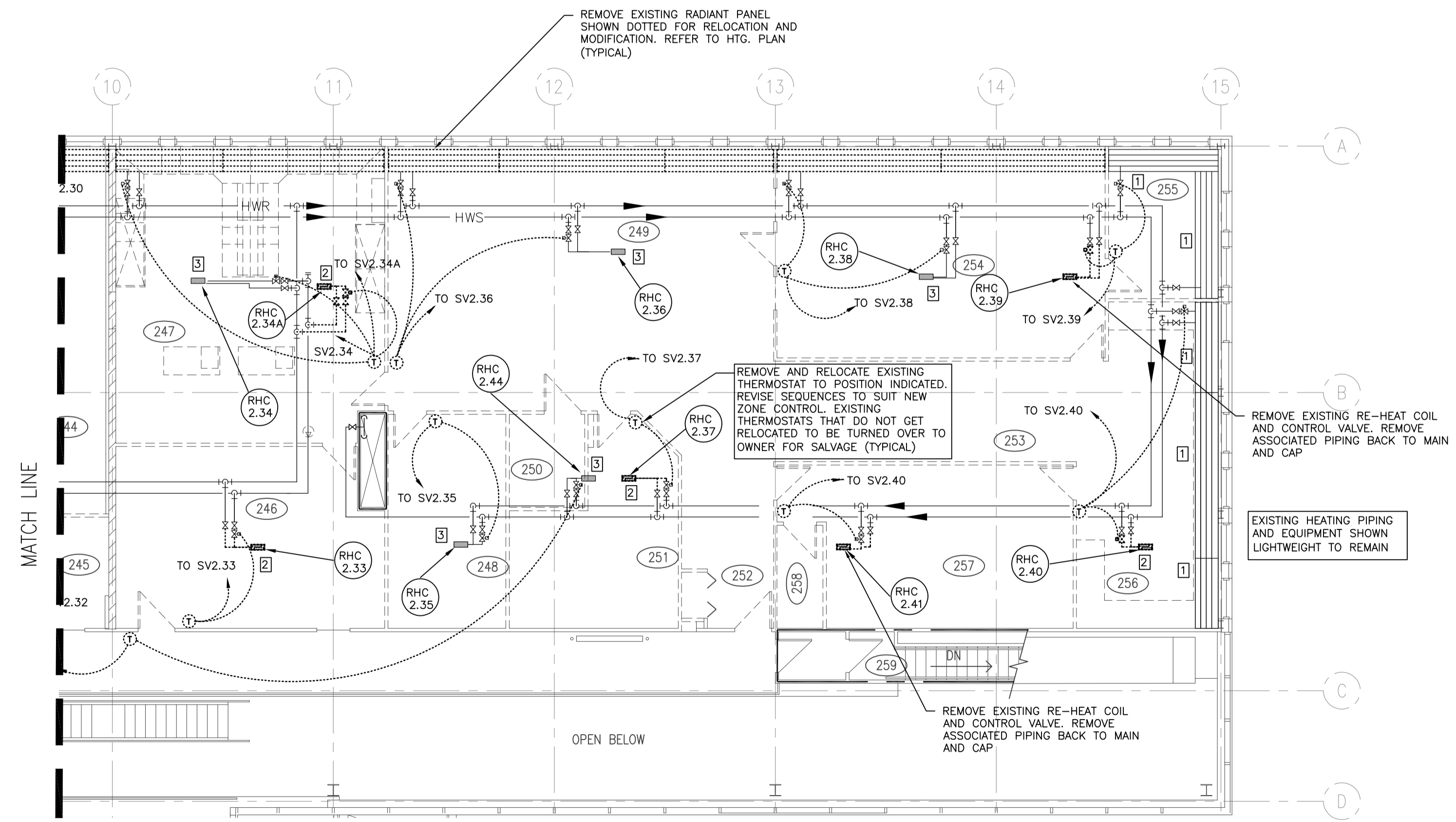
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OPEN BELOW

EXISTING THERMOSTAT TO REMAIN

MATCH LINE

- KEY NOTES**
- 1 EXISTING RADIANT PANEL TO REMAIN
 - 2 REMOVE EXISTING RE-HEAT COIL SHOWN DOTTED FOR RELOCATION. REFER TO HTG. PLAN
 - 3 EXISTING RE-HEAT COIL TO REMAIN



REMOVE EXISTING RADIANT PANEL SHOWN DOTTED FOR RELOCATION AND MODIFICATION. REFER TO HTG. PLAN (TYPICAL)

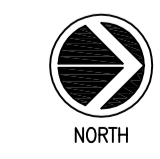
REMOVE AND RELOCATE EXISTING THERMOSTAT TO POSITION INDICATED. REVISE SEQUENCES TO SUIT NEW ZONE CONTROL. EXISTING THERMOSTATS THAT DO NOT GET RELOCATED TO BE TURNED OVER TO OWNER FOR SALVAGE (TYPICAL)

REMOVE EXISTING RE-HEAT COIL AND CONTROL VALVE. REMOVE ASSOCIATED PIPING BACK TO MAIN AND CAP

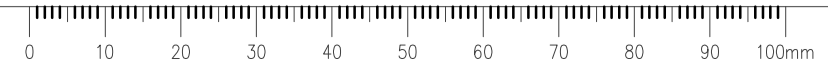
EXISTING HEATING PIPING AND EQUIPMENT SHOWN LIGHTWEIGHT TO REMAIN

OPEN BELOW

REMOVE EXISTING RE-HEAT COIL AND CONTROL VALVE. REMOVE ASSOCIATED PIPING BACK TO MAIN AND CAP



1 SECOND FLOOR PLAN WEST
M1.10 1:100



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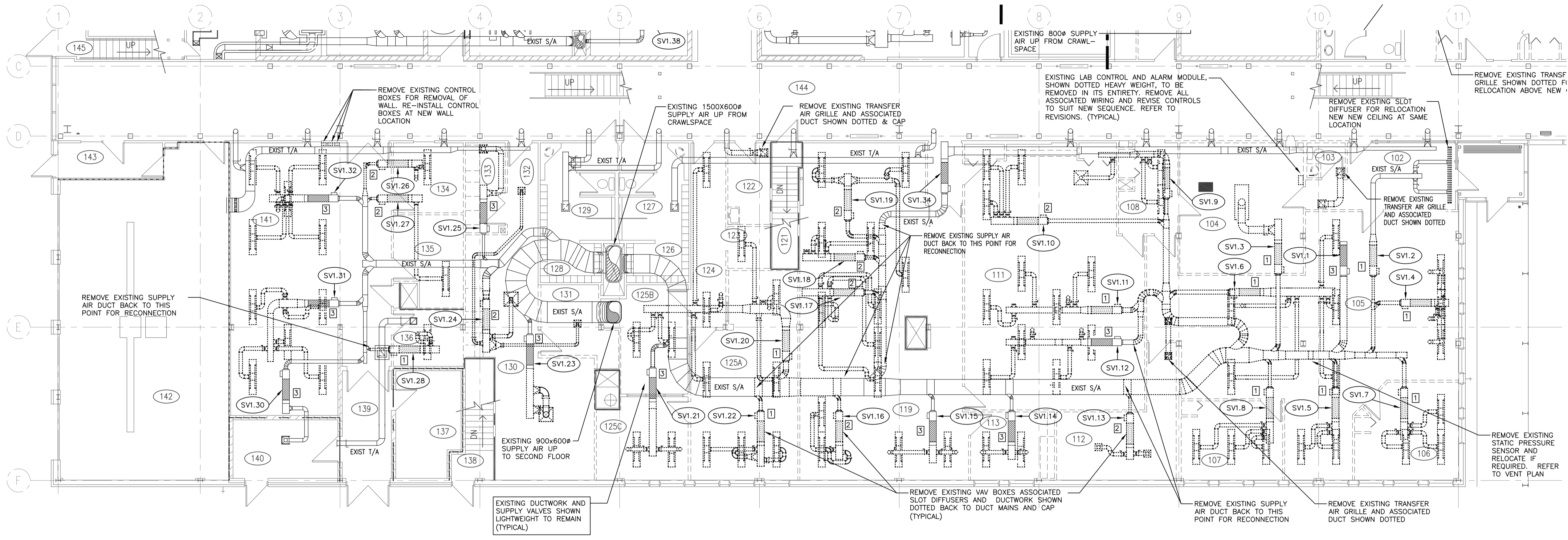
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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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**SECOND FLOOR PLAN WEST
 HEATING - DEMOLITION**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M1.10	0



 **1** MAIN FLOOR PLAN EAST
M1.11 1:100

- KEY NOTES**
- 1 EXISTING SUPPLY VALVE TO BE REMOVED AND RELOCATED. SEE REVISED PLAN FOR LOCATION
 - 2 REMOVE EXISTING SUPPLY VALVE IN ITS ENTIRETY INCLUDING CONTROLS AND BMS GRAPHICS
 - 3 EXISTING SUPPLY VALVE TO REMAIN

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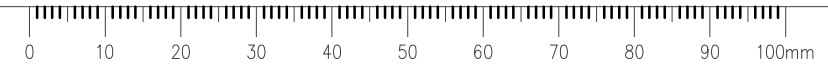
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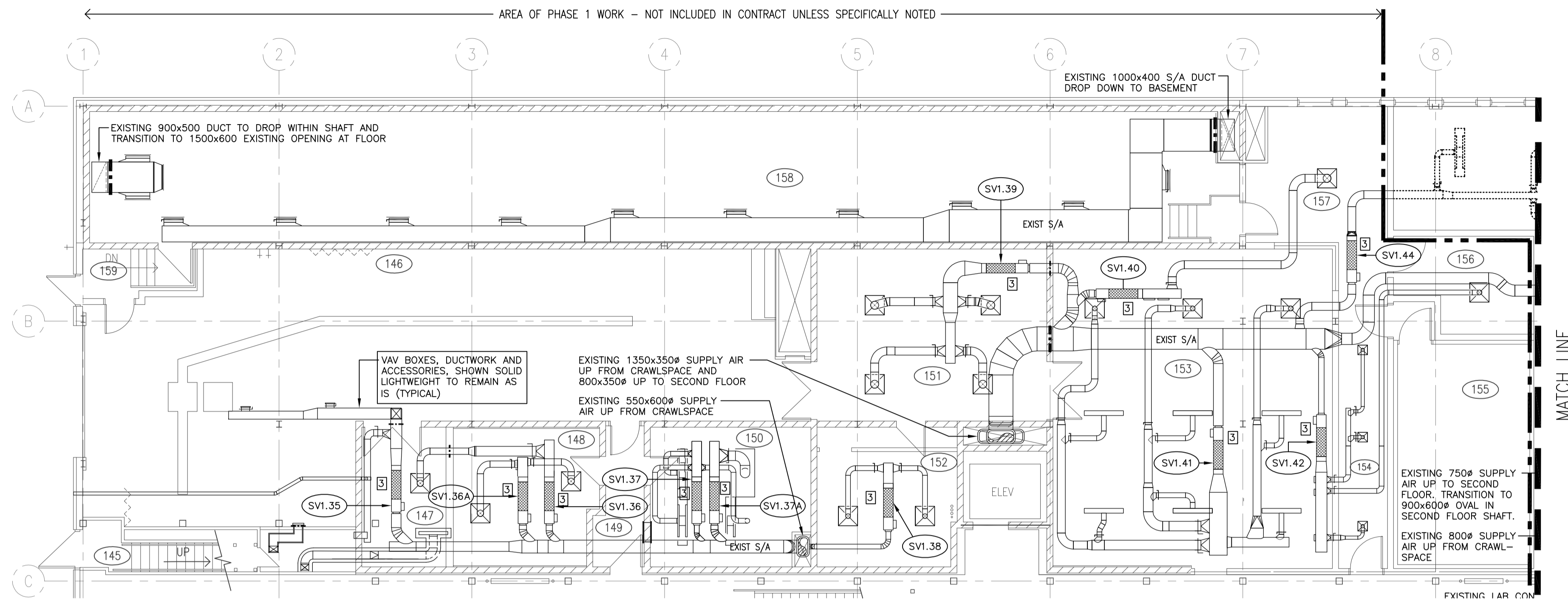
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 REGINA, SASKATCHEWAN**

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**MAIN FLOOR PLAN EAST
 VENTILATION SUPPLY - DEMOLITION**

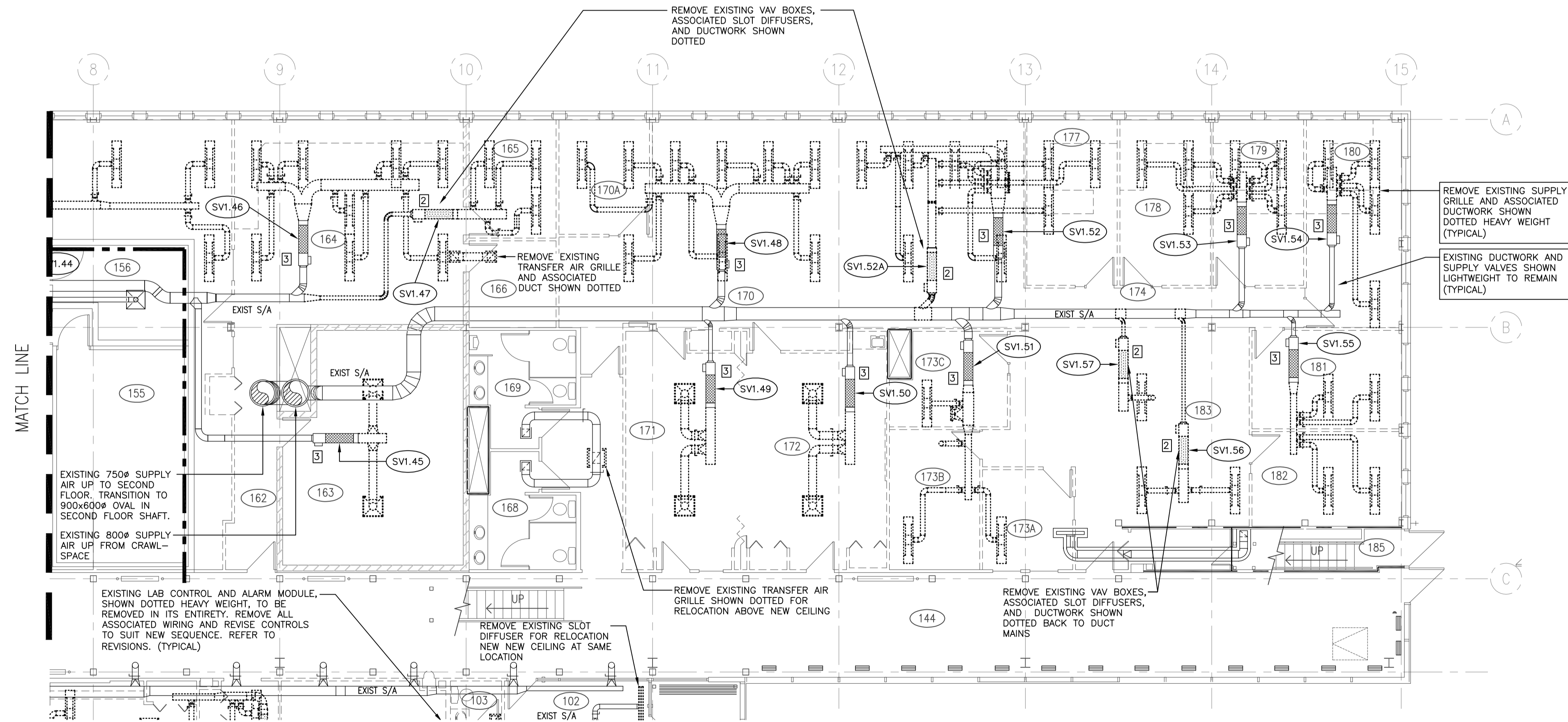
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KEY NOTES

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- 2 REMOVE EXISTING SUPPLY VALVE IN ITS ENTIRETY INCLUDING CONTROLS AND BMS GRAPHICS
- 3 EXISTING SUPPLY VALVE TO REMAIN



1 MAIN FLOOR PLAN WEST
M1.12 1:100

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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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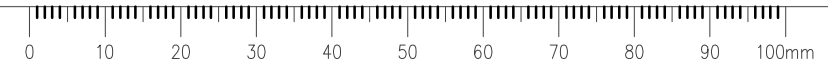
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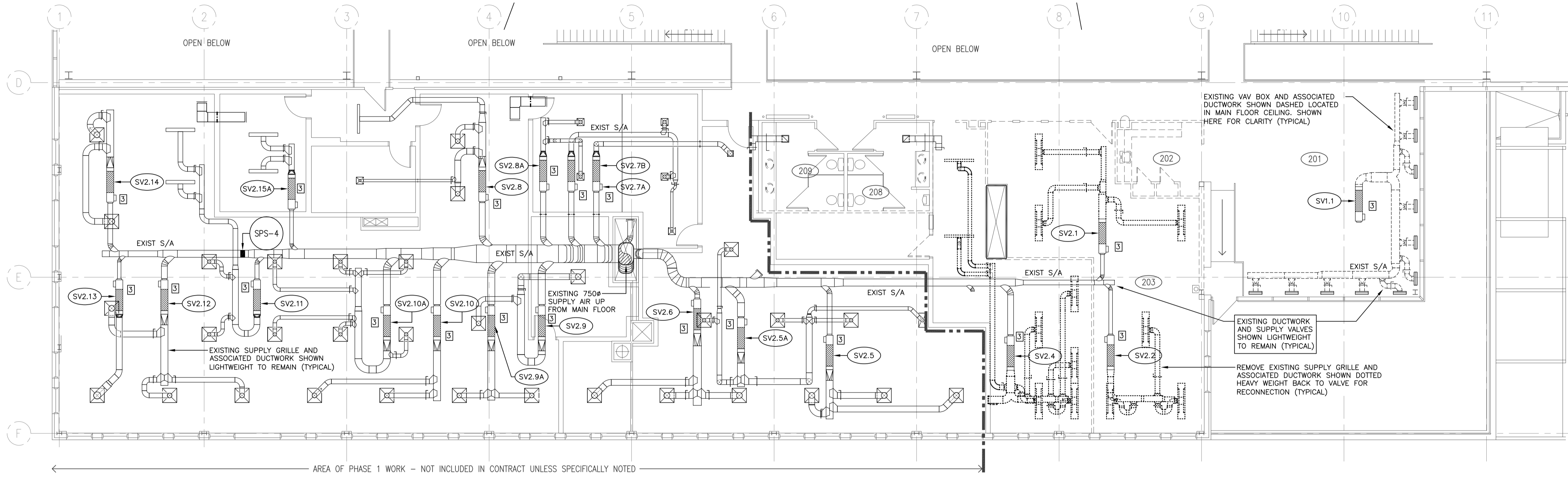
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**MAIN FLOOR PLAN WEST
 VENTILATION SUPPLY - DEMOLITION**

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- KEY NOTES**
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 - 2 REMOVE EXISTING SUPPLY VALVE IN ITS ENTIRETY INCLUDING CONTROLS AND BMS GRAPHICS

1 SECOND FLOOR PLAN EAST
M1.13 1:100

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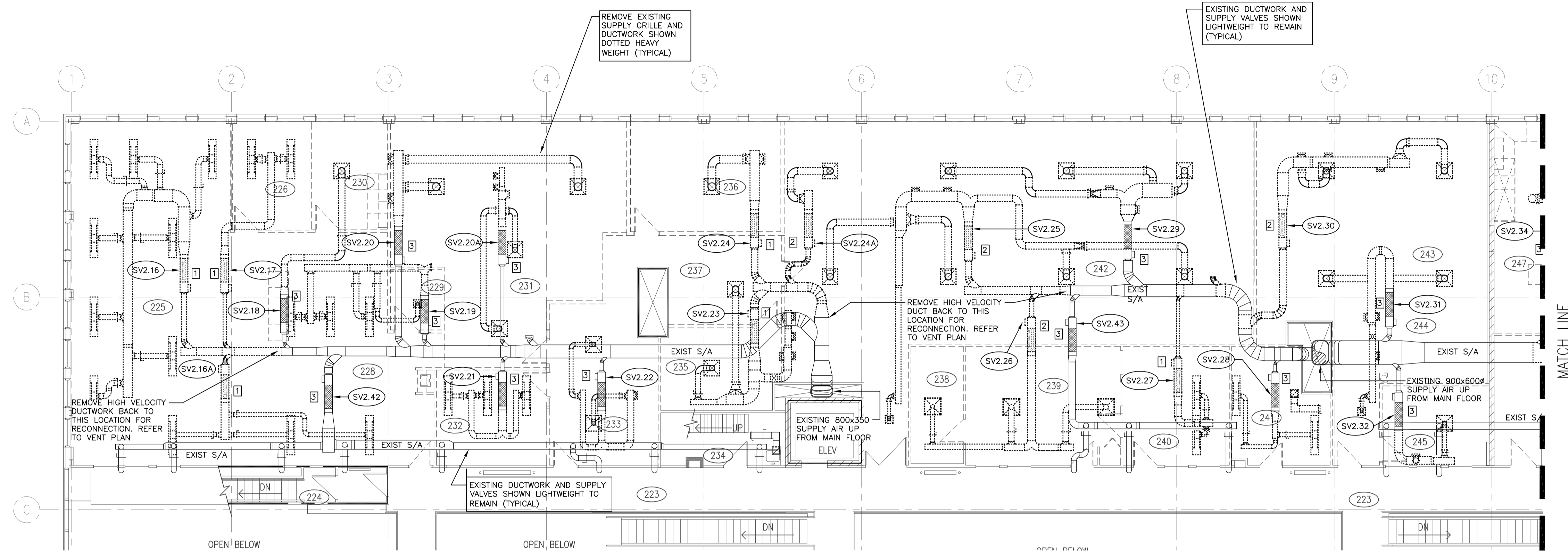
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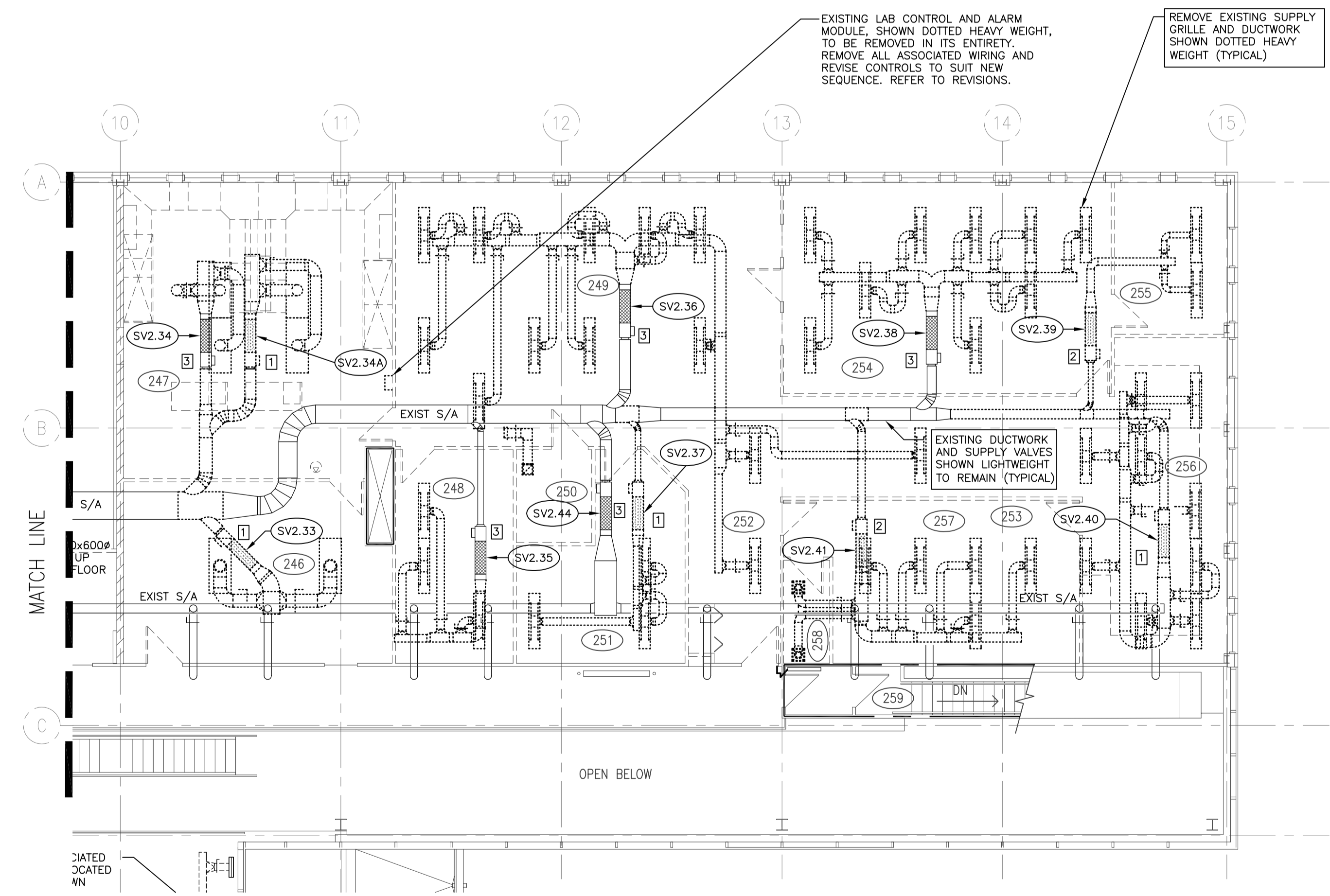
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 VENTILATION SUPPLY - DEMOLITION**

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- KEY NOTES**
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 - 3 EXISTING SUPPLY VALVE TO REMAIN



1
M1.14
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SECOND FLOOR PLAN WEST

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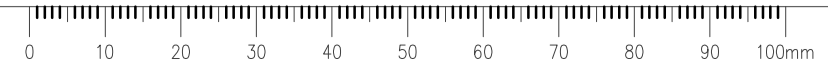
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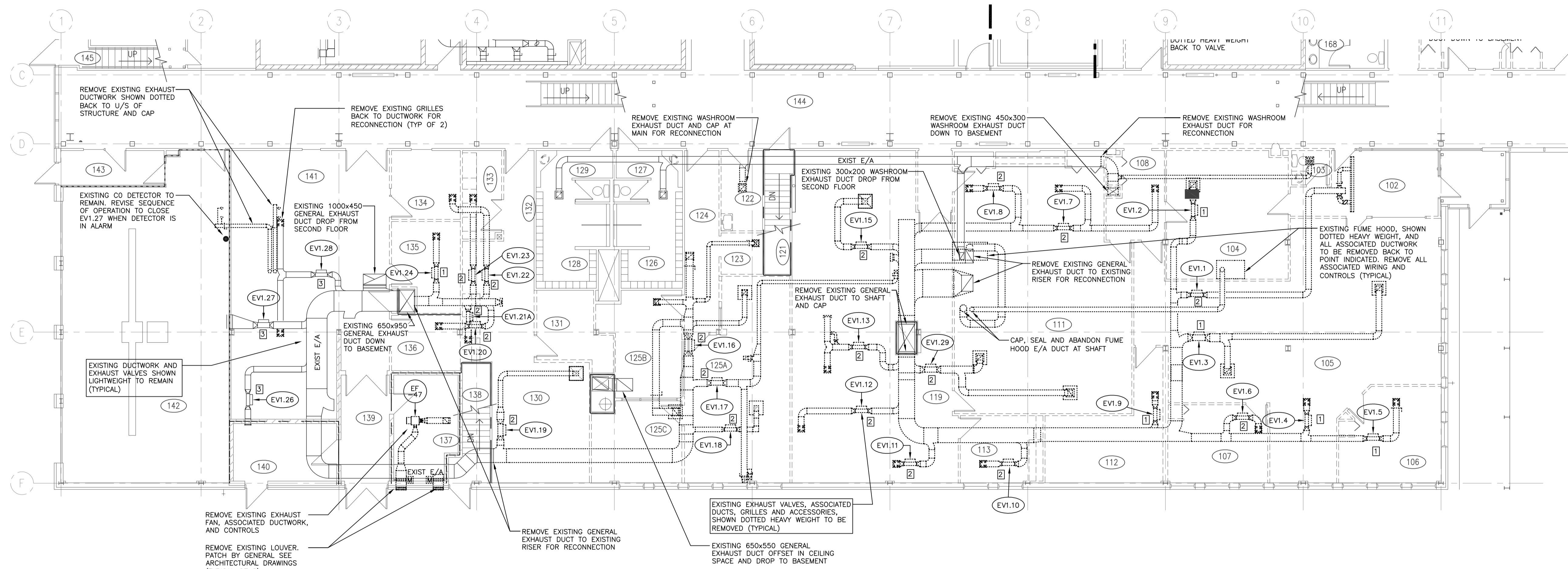
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 VENTILATION SUPPLY - DEMOLITION**

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- KEY NOTES**
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1 MAIN FLOOR PLAN EAST
M1.15 1:100

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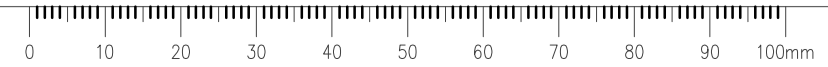
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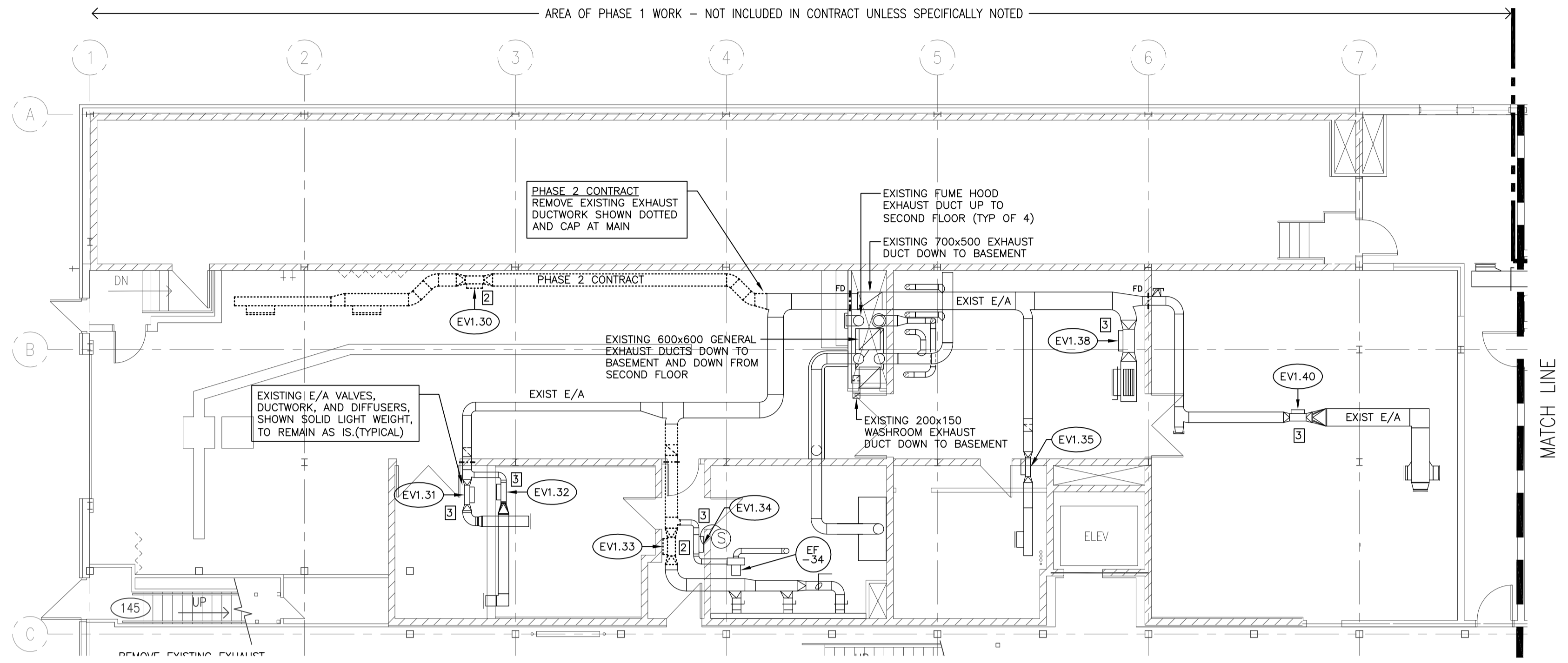
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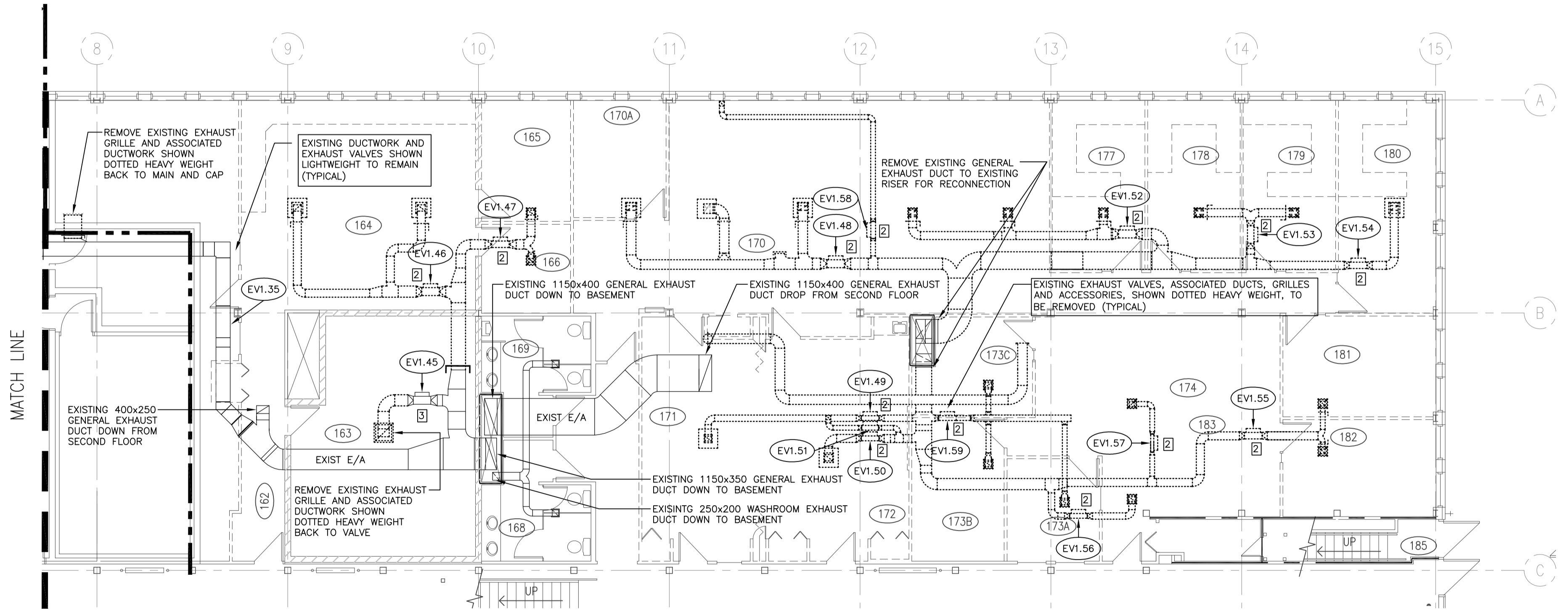
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 VENTILATION EXHAUST - DEMOLITION**

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**MAIN FLOOR PLAN WEST
 VENTILATION EXHAUST - DEMOLITION**

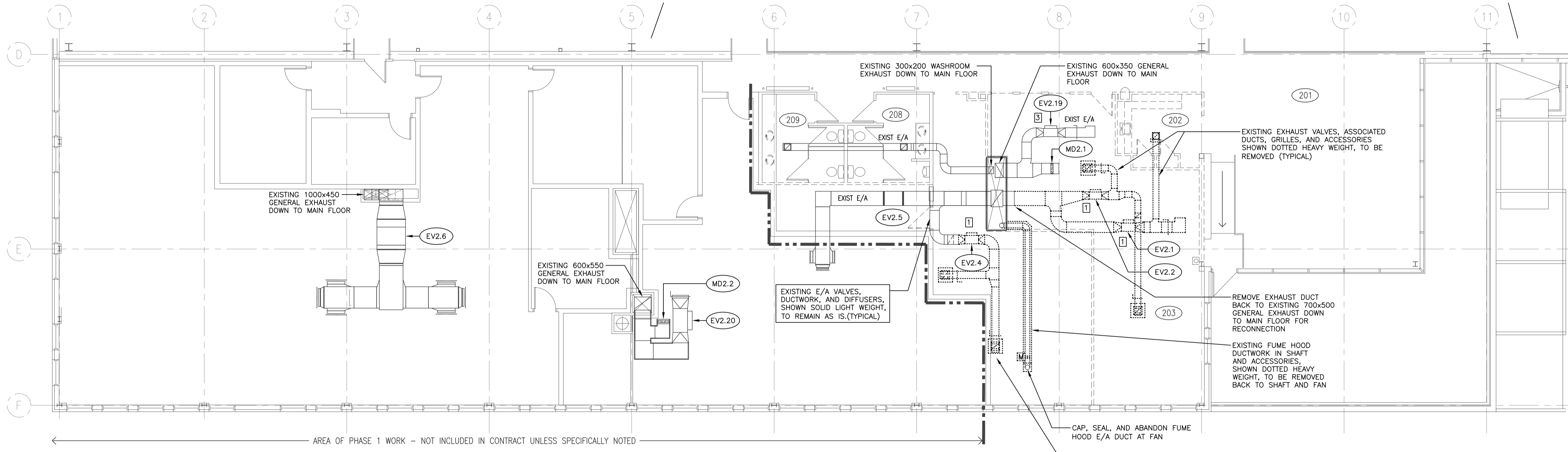
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MAIN FLOOR PLAN WEST
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← AREA OF PHASE 1 WORK - NOT INCLUDED IN CONTRACT UNLESS SPECIFICALLY NOTED →

KEY NOTES

- 1 EXISTING EXHAUST VALVE TO BE REMOVED AND RELOCATED. SEE REVISED PLAN FOR LOCATION
- 2 REMOVE EXISTING EXHAUST VALVE IN ITS ENTIRETY INCLUDING CONTROLS AND BMS GRAPHICS

1 SECOND FLOOR PLAN EAST
 M1.17 1:100

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0	ISSUED FOR TENDER	2017-02-03

Revision/Revision	Description/Description	Date/Date

Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par
TKC

Drawn by/Dessine par
JDL

Project Manager/Administrateur de Projets
HM/KS

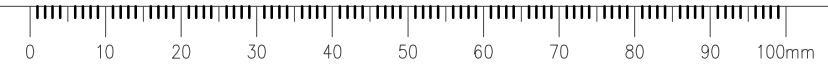
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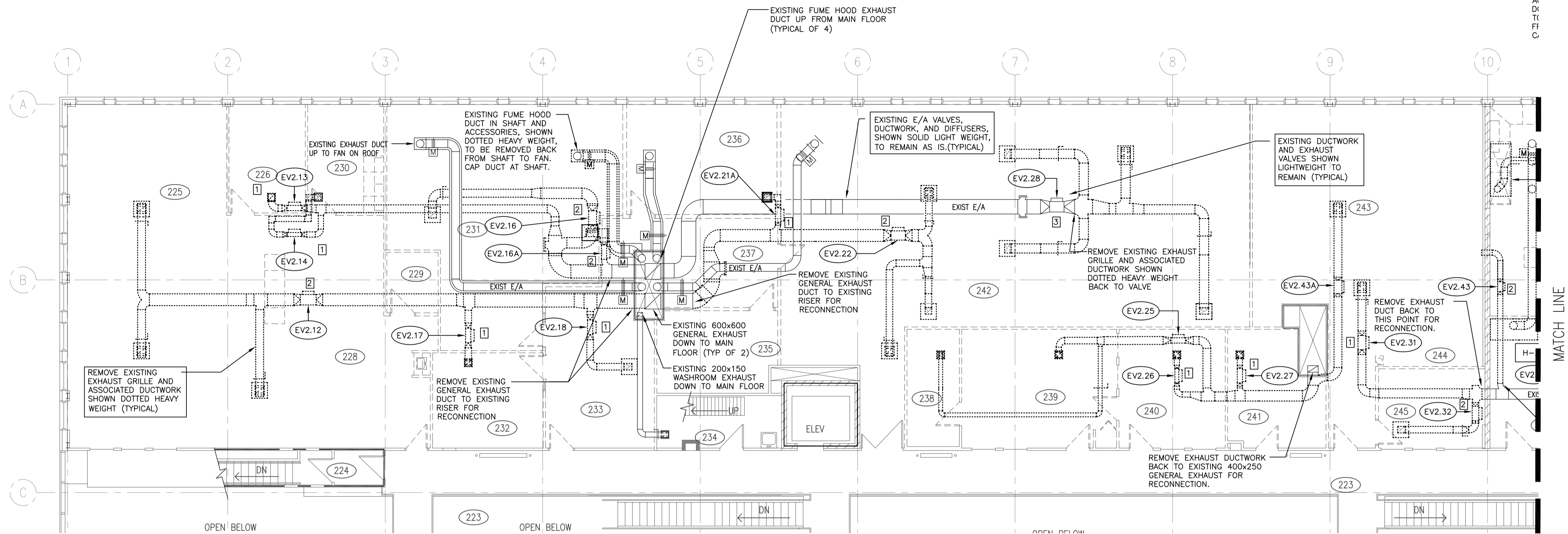
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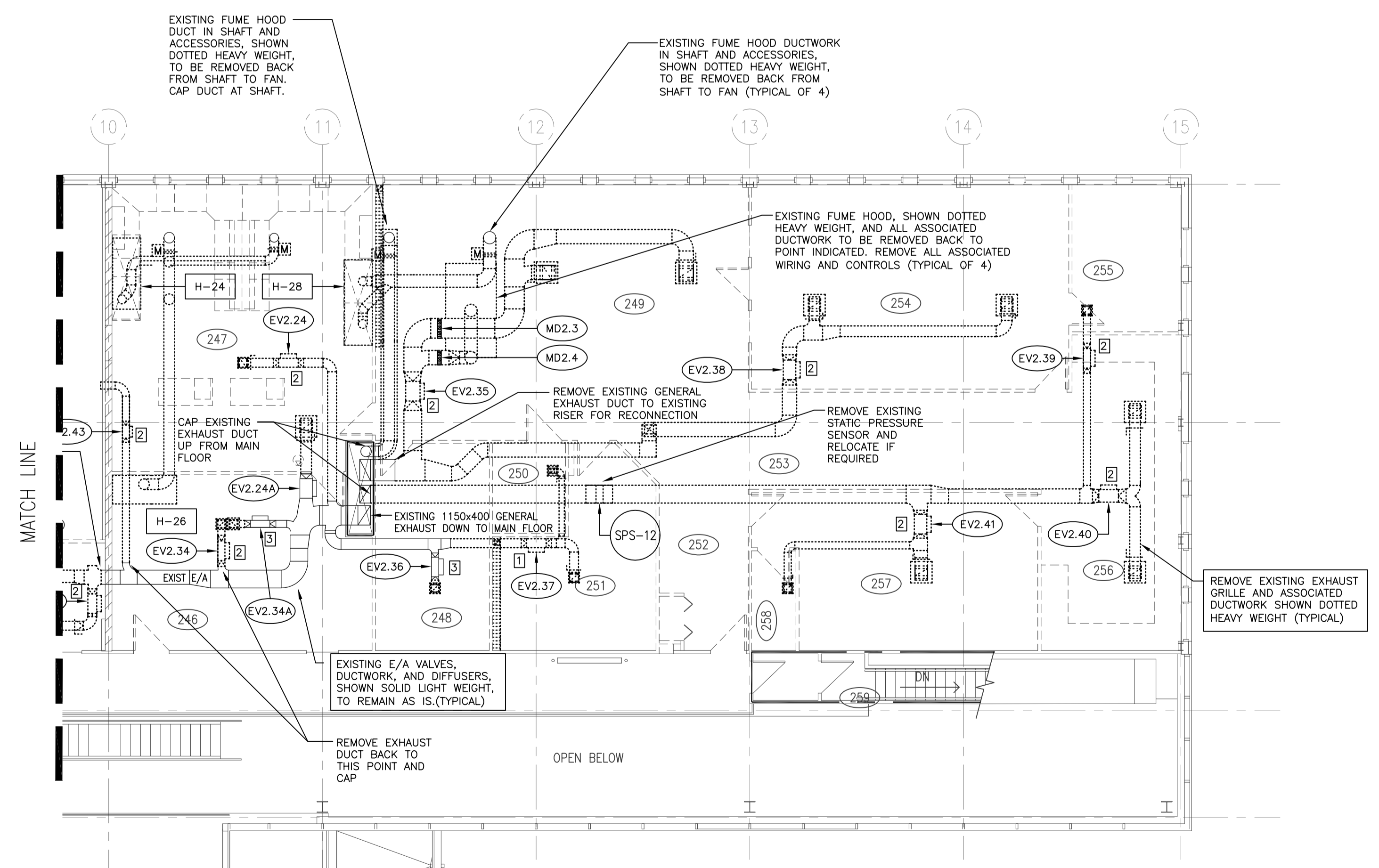
**SECOND FLOOR PLAN EAST
 VENTILATION EXHAUST - DEMOLITION**

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- KEY NOTES**
- 1 EXISTING EXHAUST VALVE TO BE REMOVED AND RELOCATED. SEE REVISED PLAN FOR LOCATION
 - 2 REMOVE EXISTING EXHAUST VALVE IN ITS ENTIRETY INCLUDING CONTROLS AND BMS GRAPHICS
 - 3 EXISTING EXHAUST VALVE TO REMAIN



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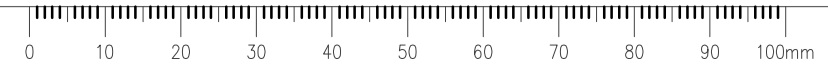
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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

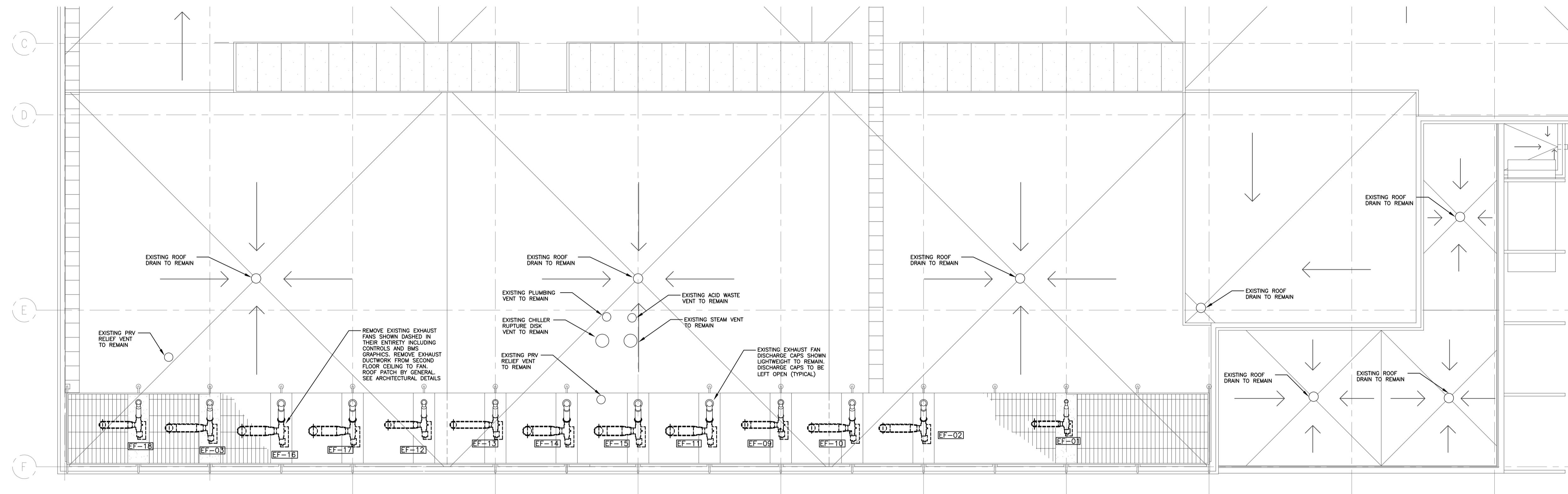
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**MAIN FLOOR PLAN WEST
 VENTILATION EXHAUST - DEMOLITION**

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1 SECOND FLOOR PLAN WEST
 M1.18 1:100





1 ROOF PLAN EAST
M1.19 1:100

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Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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Designed by/Concept par
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Drawn by/Dessine par
JDL

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HMKS

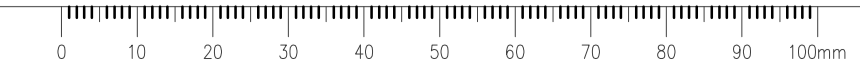
Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie

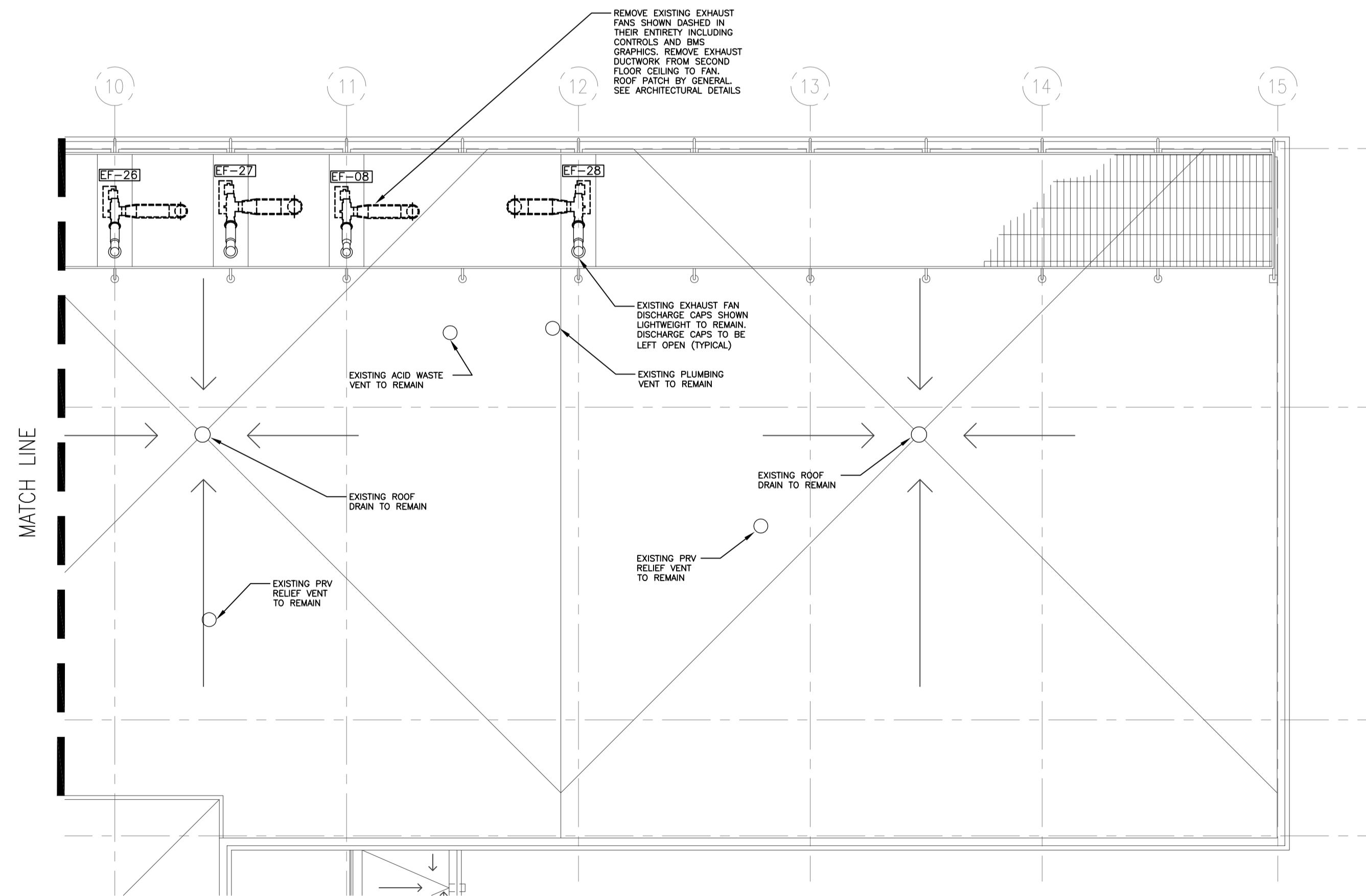
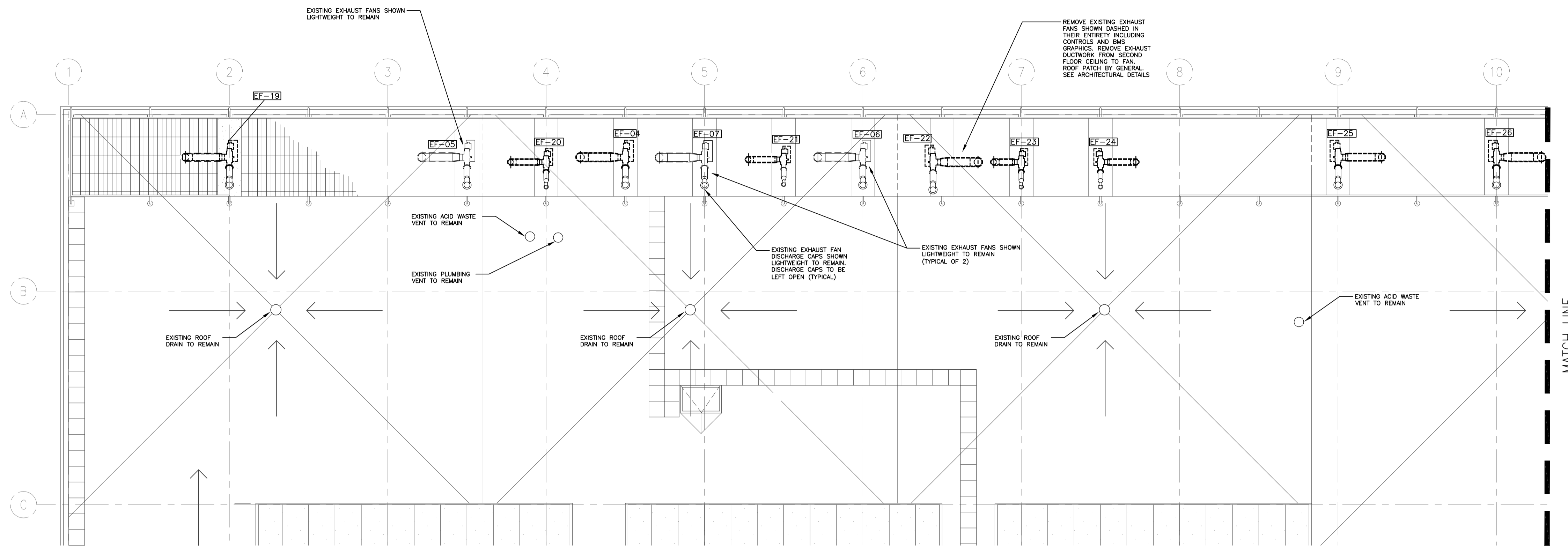
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**ROOF PLAN EAST
 VENTILATION - DEMOLITION**

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1 ROOF PLAN WEST
M1.20 1:100

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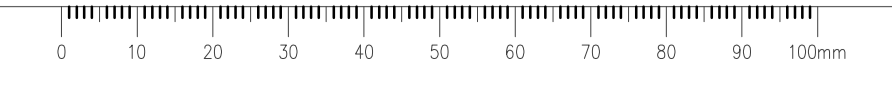
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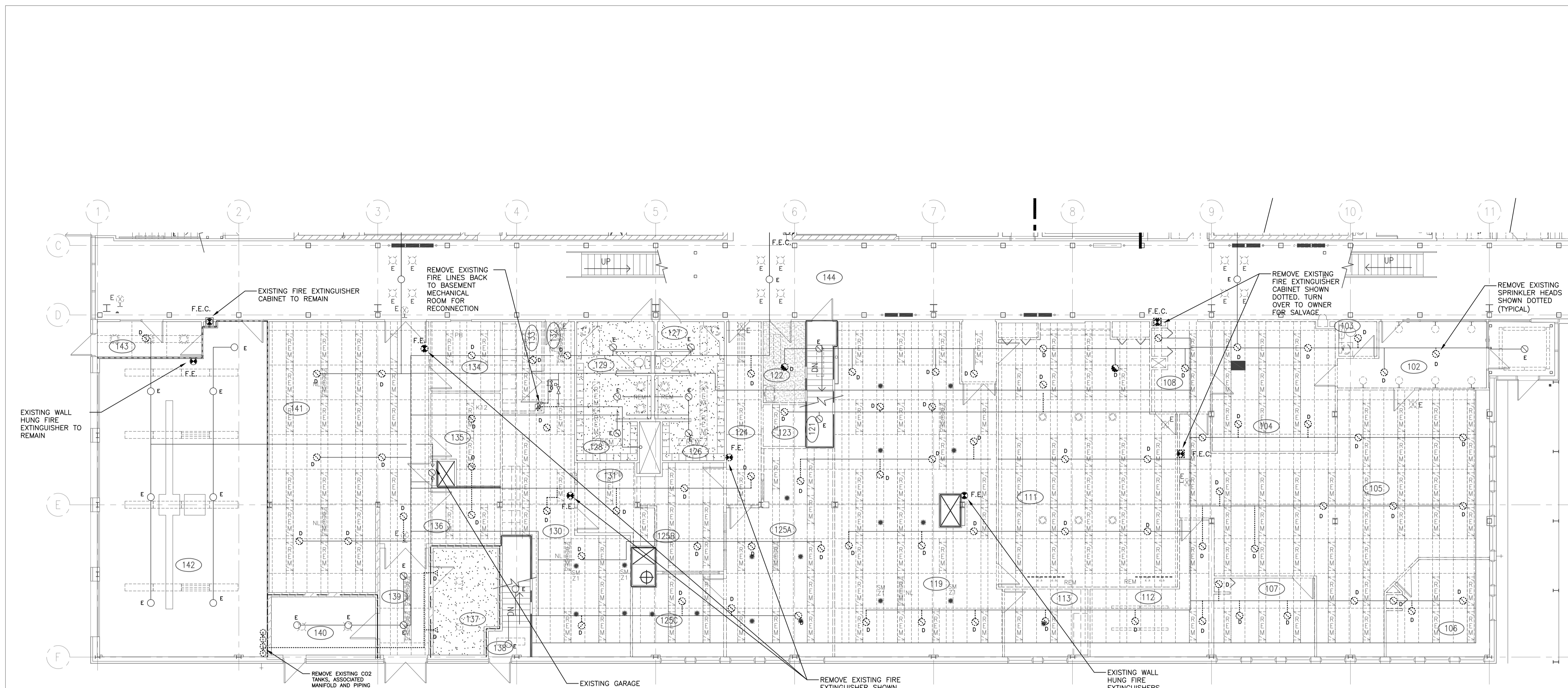
Project title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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30/2015	M1.20	0





 **1 MAIN FLOOR PLAN EAST**
M1.21 1:100

- SPRINKLER LEGEND**
- E EXISTING SPRINKLER HEAD TO REMAIN AS IS IN EXISTING CEILING GRID
 - N NEW SPRINKLER HEAD
 - D SPRINKLER HEAD TO BE REMOVED ENTIRELY. REMOVE ASSOCIATED PIPING BACK TO MAIN AND CAP AND SEAL AT MAIN.
- FIRE PROTECTION NOTES:**
- ALL SPRINKLER PIPE TO BE HYDRAULICALLY SIZED. BASE ON FLOW TEST RESULTS IN SPECIFICATION.
 - CO-ORDINATE ALL SPRINKLERS AND PIPING WITH OTHER PIPING, STRUCTURAL, LIGHTING, DUCTWORK AND ELECTRICAL.
 - ALL HEADS JANITOR'S ROOMS TO BE COMPLETE WITH GUARDS.
 - PROVIDE DRAINS AT LOW POINTS IN SYSTEM.
 - ALL SPRINKLER HEADS IN T-BAR CEILING ARE TO BE CENTERED IN TILE OR 1/2 TILE UNLESS NOTED OTHERWISE.

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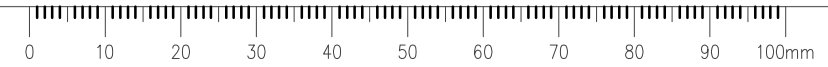
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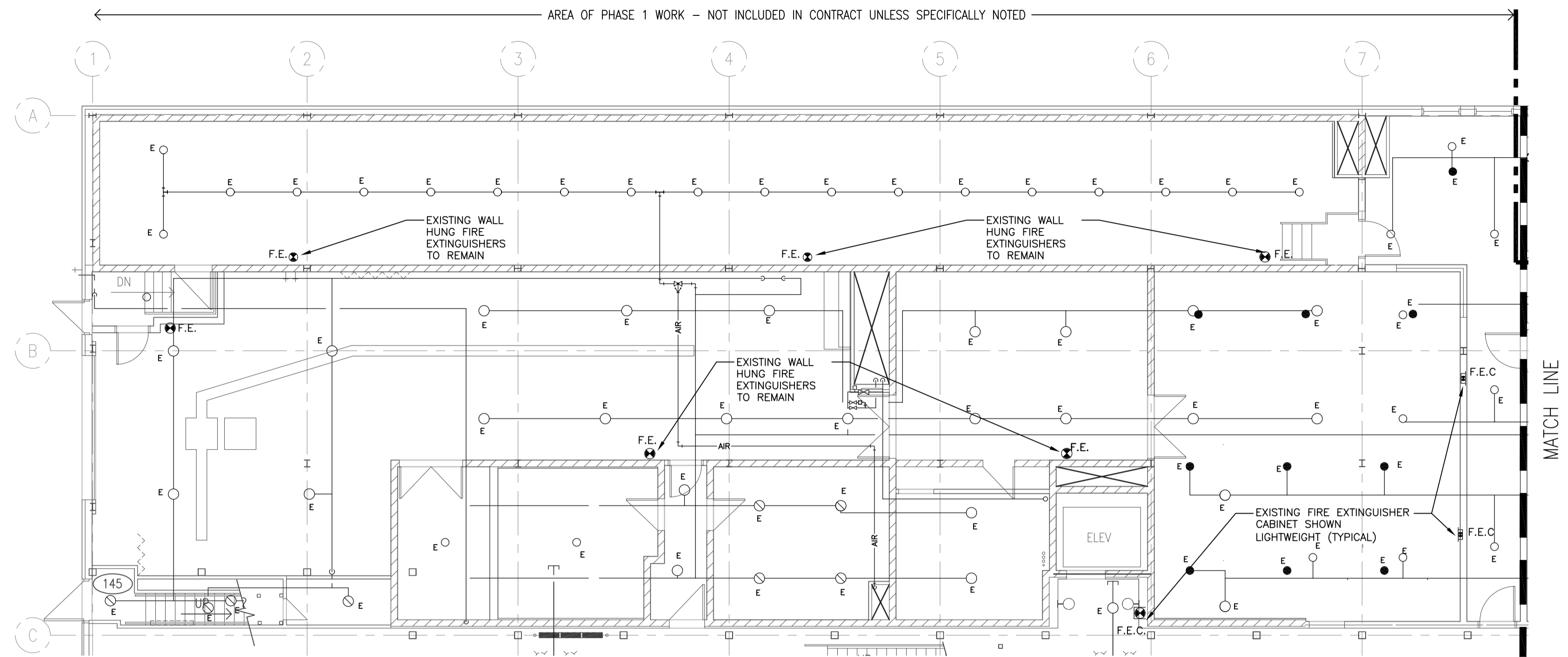
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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**MAIN FLOOR PLAN EAST
 FIRE PROTECTION - DEMOLITION**

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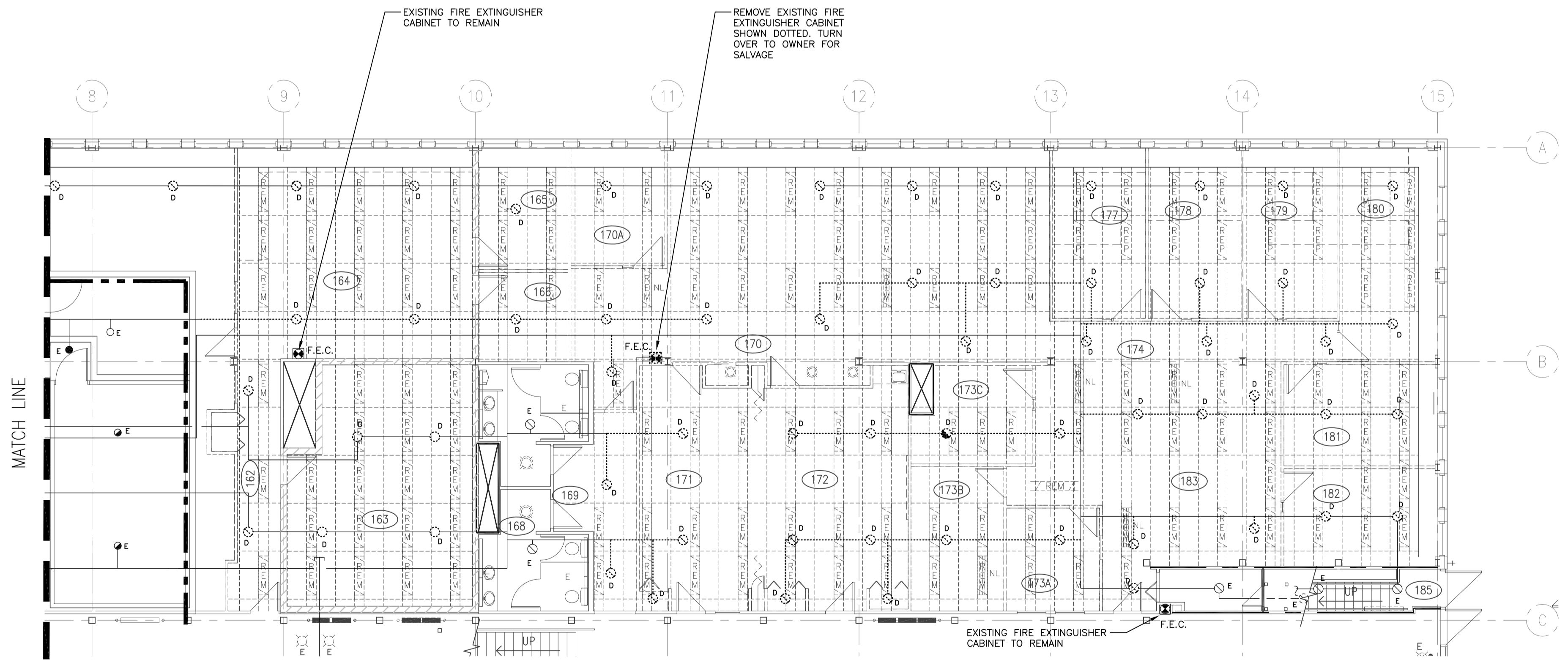


SPRINKLER LEGEND

E EXISTING SPRINKLER HEAD TO REMAIN AS IS IN EXISTING CEILING GRID
 N NEW SPRINKLER HEAD
 D SPRINKLER HEAD TO BE REMOVED ENTIRELY. REMOVE ASSOCIATED PIPING BACK TO MAIN AND CAP AND SEAL AT MAIN.

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1 MAIN FLOOR PLAN WEST
 M1.22 1:100

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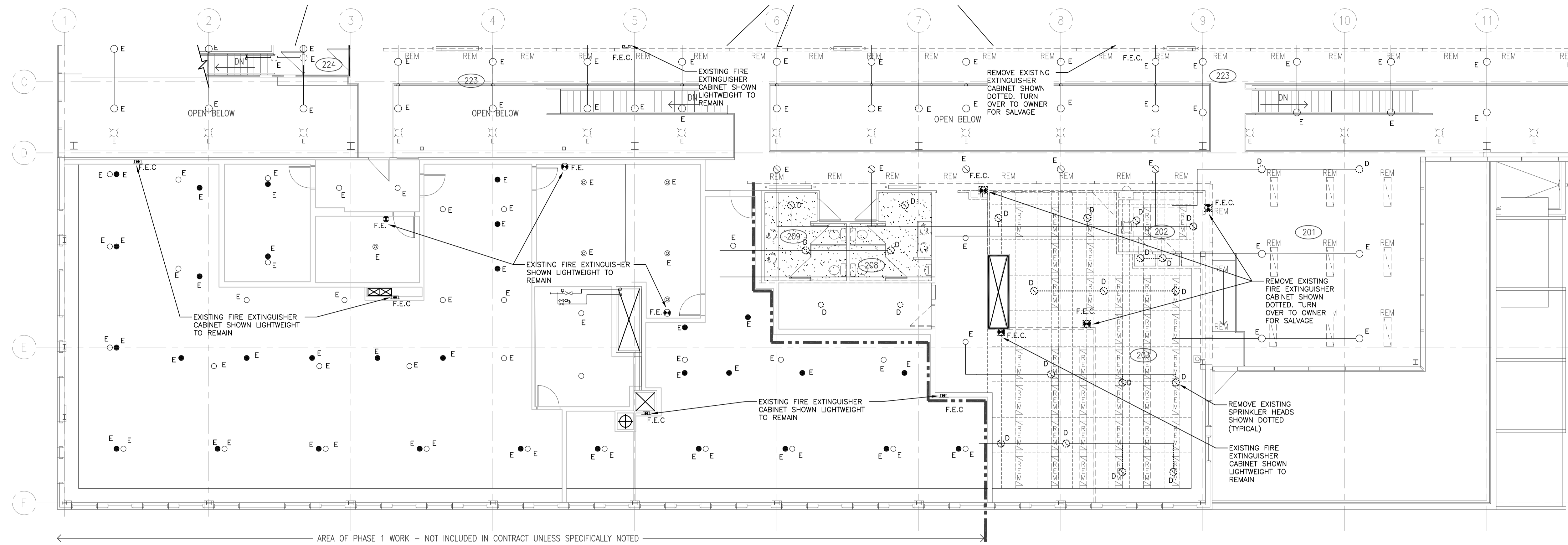
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**INTERIOR FIT-UP PHASE II
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SPRINKLER LEGEND

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1 SECOND FLOOR PLAN EAST
M1.23 1:100

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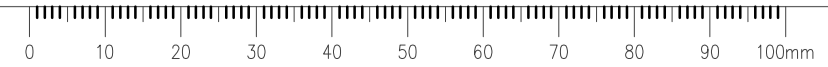
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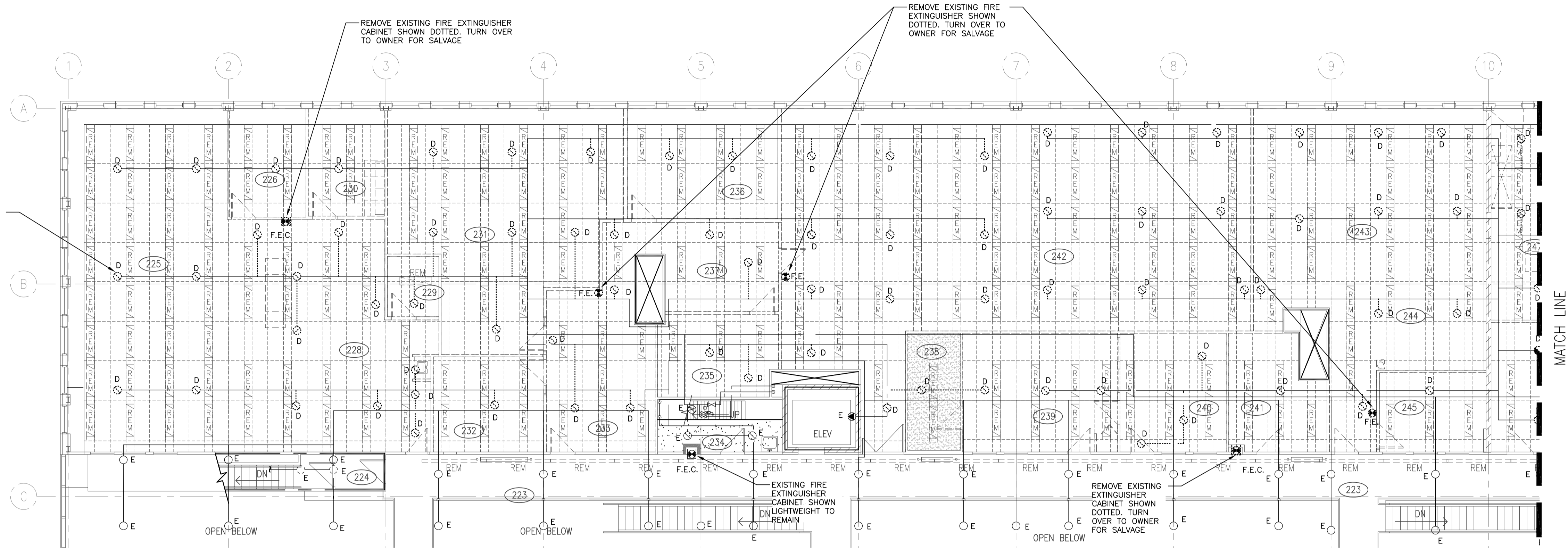
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**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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**SECOND FLOOR PLAN EAST
FIRE PROTECTION - DEMOLITION**

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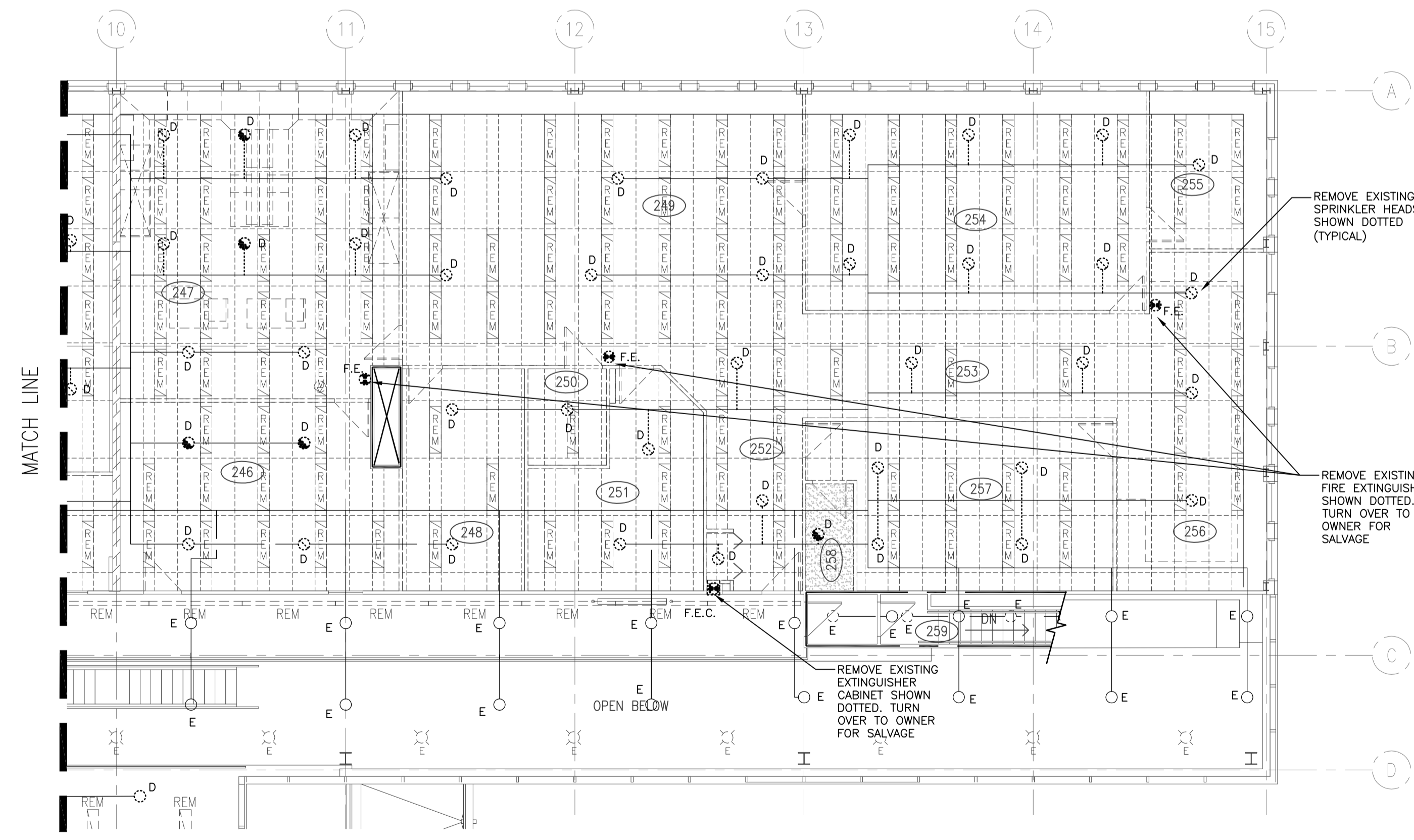


SPRINKLER LEGEND

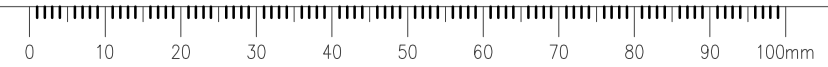
E EXISTING SPRINKLER HEAD TO REMAIN AS IS IN EXISTING CEILING GRID
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1 SECOND FLOOR PLAN WEST
 M1.24 1:100



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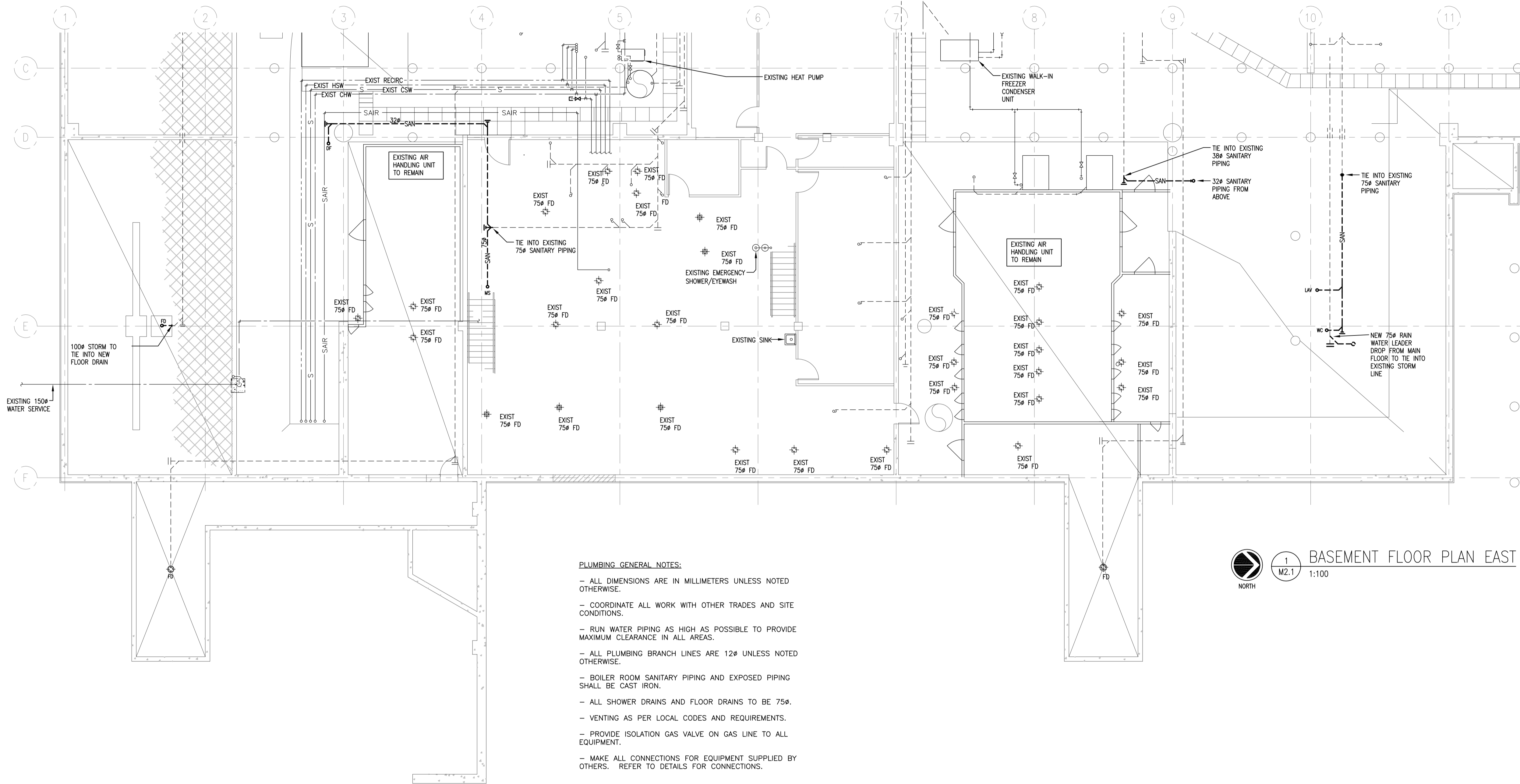
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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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 FIRE PROTECTION - DEMOLITION**

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30/2015	M1.24	0



- PLUMBING GENERAL NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
 - COORDINATE ALL WORK WITH OTHER TRADES AND SITE CONDITIONS.
 - RUN WATER PIPING AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCE IN ALL AREAS.
 - ALL PLUMBING BRANCH LINES ARE 12" UNLESS NOTED OTHERWISE.
 - BOILER ROOM SANITARY PIPING AND EXPOSED PIPING SHALL BE CAST IRON.
 - ALL SHOWER DRAINS AND FLOOR DRAINS TO BE 75#.
 - VENTING AS PER LOCAL CODES AND REQUIREMENTS.
 - PROVIDE ISOLATION GAS VALVE ON GAS LINE TO ALL EQUIPMENT.
 - MAKE ALL CONNECTIONS FOR EQUIPMENT SUPPLIED BY OTHERS. REFER TO DETAILS FOR CONNECTIONS.



1 BASEMENT FLOOR PLAN EAST
M2.1 1:100

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 REGINA, SASKATCHEWAN**

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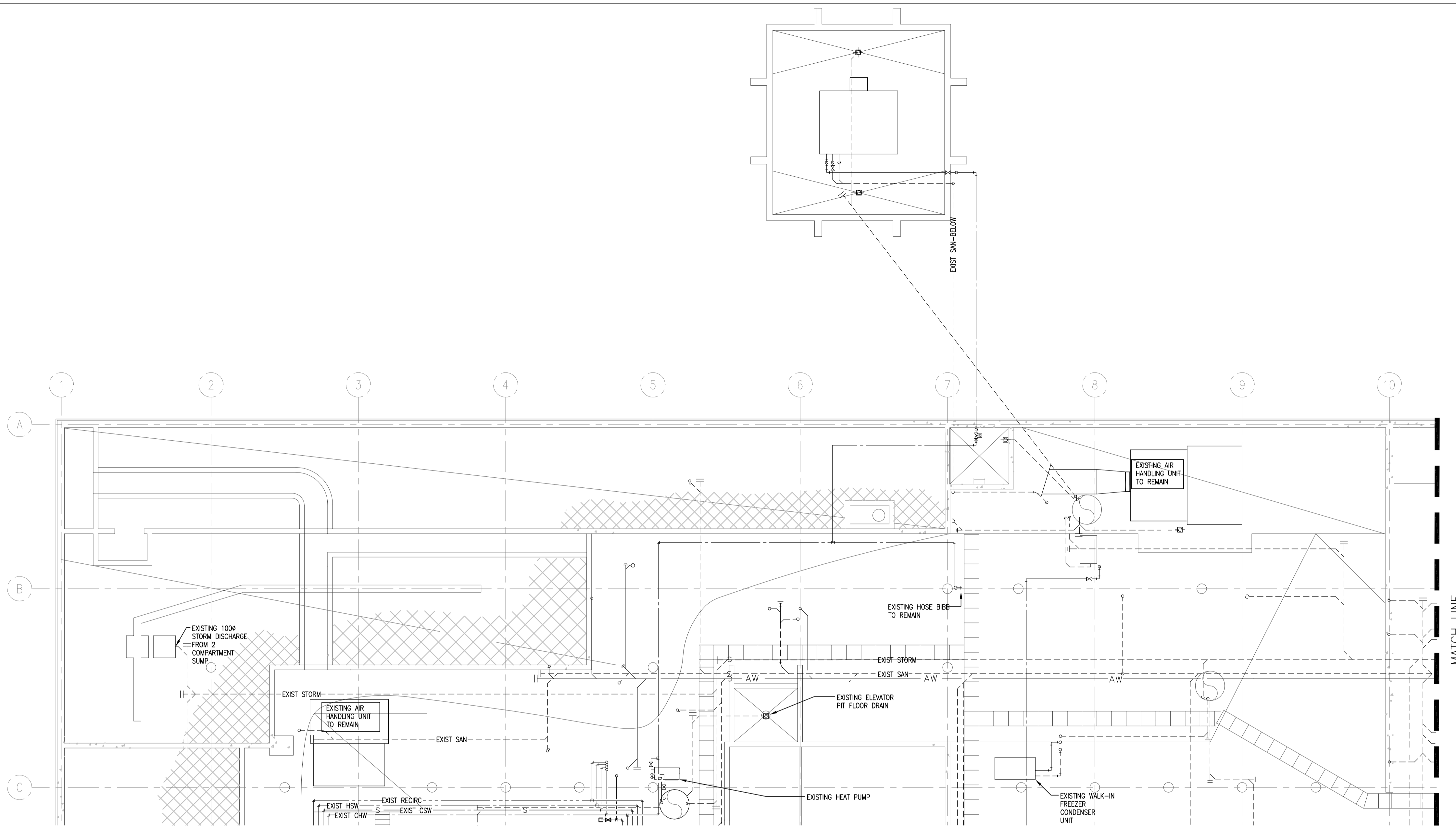
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**BASEMENT FLOOR PLAN EAST
 PLUMBING**

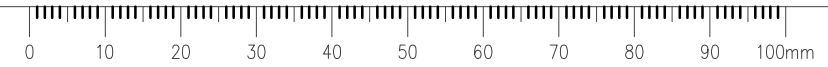
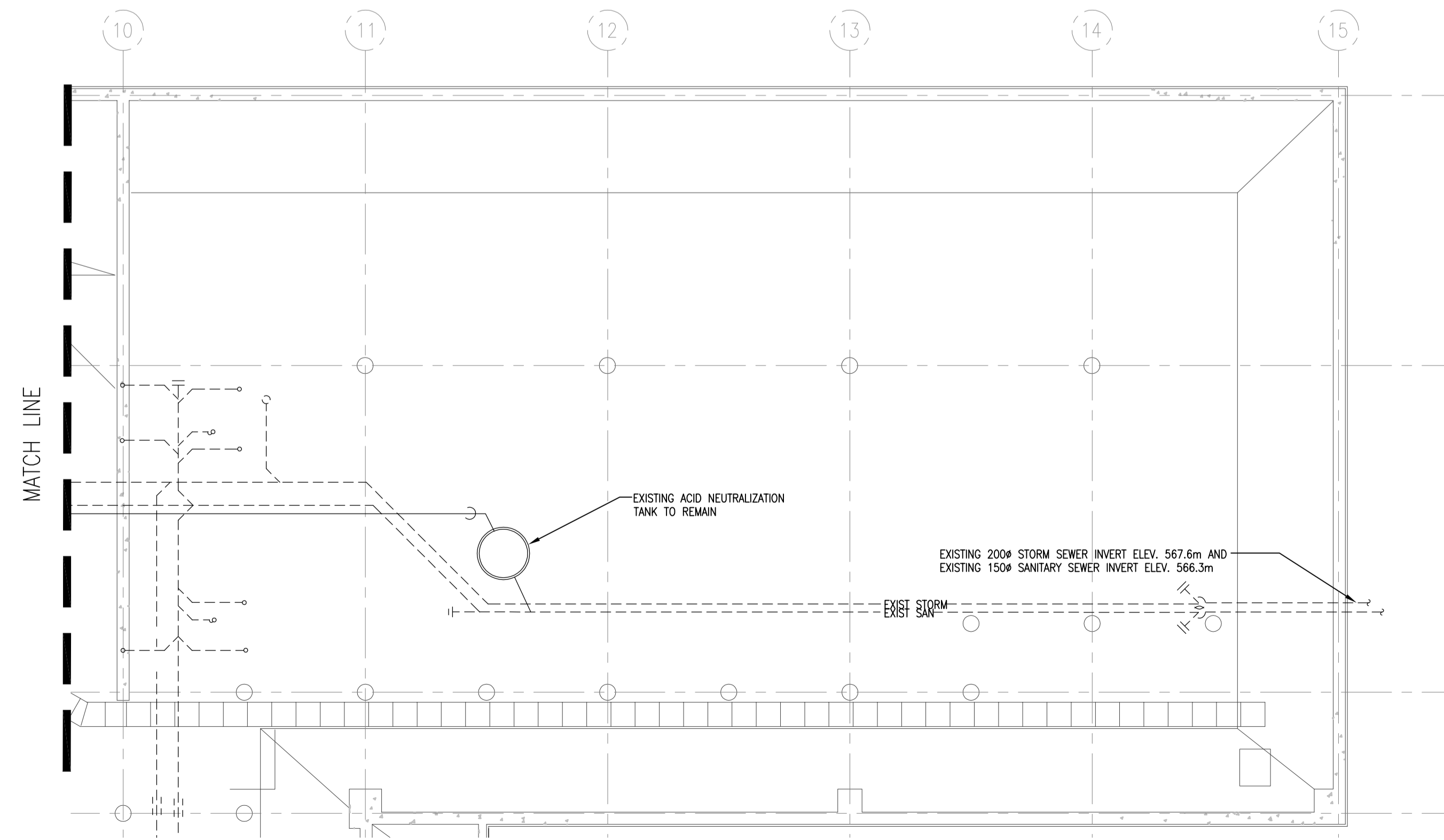
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30/2015	M2.1	0





1 M2.2 1:100
BASEMENT FLOOR PLAN WEST

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 - ALL PLUMBING BRANCH LINES ARE 12Ø UNLESS NOTED OTHERWISE.
 - BOILER ROOM SANITARY PIPING AND EXPOSED PIPING SHALL BE CAST IRON.
 - ALL SHOWER DRAINS AND FLOOR DRAINS TO BE 75Ø.
 - VENTING AS PER LOCAL CODES AND REQUIREMENTS.
 - PROVIDE ISOLATION GAS VALVE ON GAS LINE TO ALL EQUIPMENT.
 - MAKE ALL CONNECTIONS FOR EQUIPMENT SUPPLIED BY OTHERS. REFER TO DETAILS FOR CONNECTIONS.



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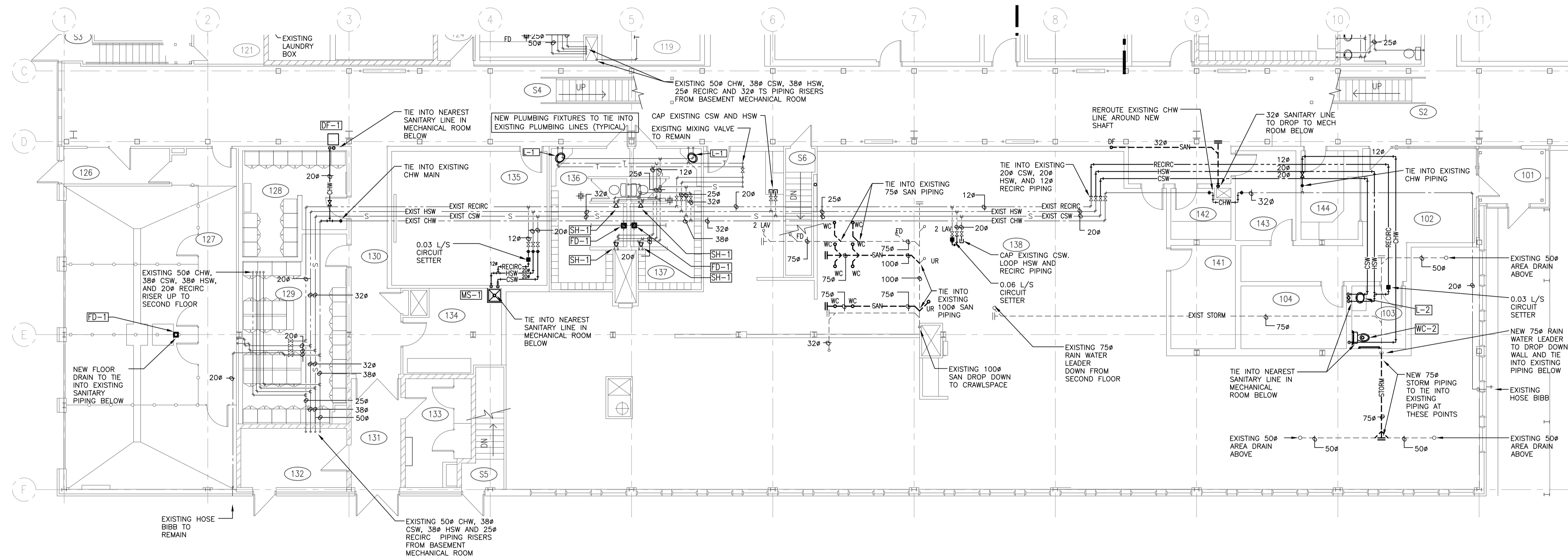
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Project title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approuvé par
 Designed by/Concept par
TKC
 Drawn by/Dessiné par
JDL
 Project Manager/Administrateur de Projets
HM/KS
 Architectural and Engineering Resources Manager/
 Ressources Architecturales et de Directeur d'ingénierie

Client/client
 Drawing title/Titre du dessin
**BASEMENT FLOOR PLAN WEST
 PLUMBING**

Project No./No. du projet: **30/2015**
 Sheet/Feuille: **M2.2**
 Revision no./La Révision no.: **0**



1 MAIN FLOOR PLAN EAST
M2.3 1:100

- PLUMBING GENERAL NOTES:**
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 - COORDINATE ALL WORK WITH OTHER TRADES AND SITE CONDITIONS.
 - RUN WATER PIPING AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCE IN ALL AREAS.
 - ALL PLUMBING BRANCH LINES ARE 12Ø UNLESS NOTED OTHERWISE.
 - BOILER ROOM SANITARY PIPING AND EXPOSED PIPING SHALL BE CAST IRON.
 - ALL SHOWER DRAINS AND FLOOR DRAINS TO BE 75Ø.
 - VENTING AS PER LOCAL CODES AND REQUIREMENTS.
 - PROVIDE ISOLATION GAS VALVE ON GAS LINE TO ALL EQUIPMENT.
 - MAKE ALL CONNECTIONS FOR EQUIPMENT SUPPLIED BY OTHERS. REFER TO DETAILS FOR CONNECTIONS.



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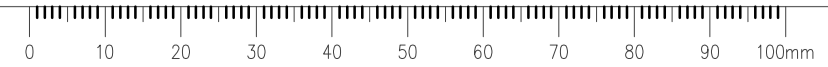
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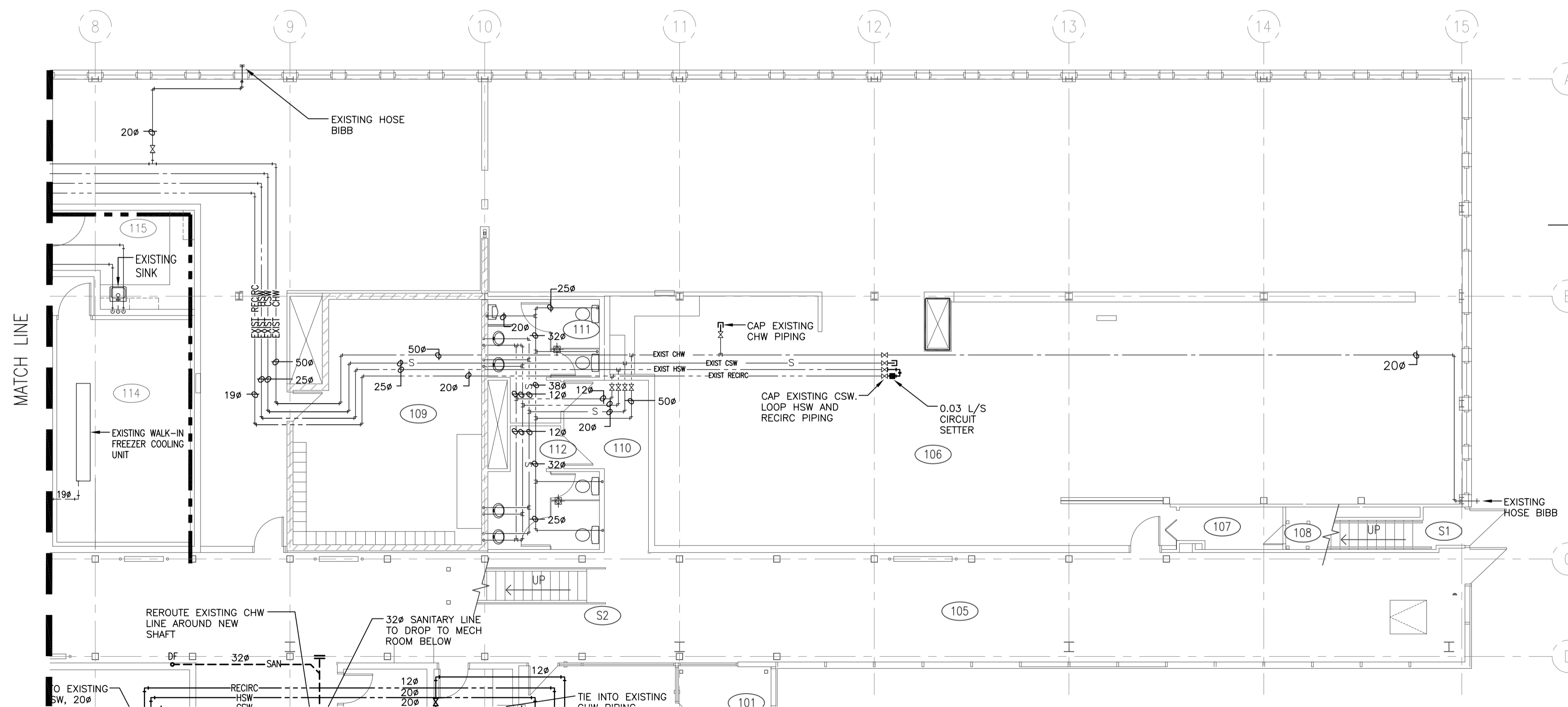
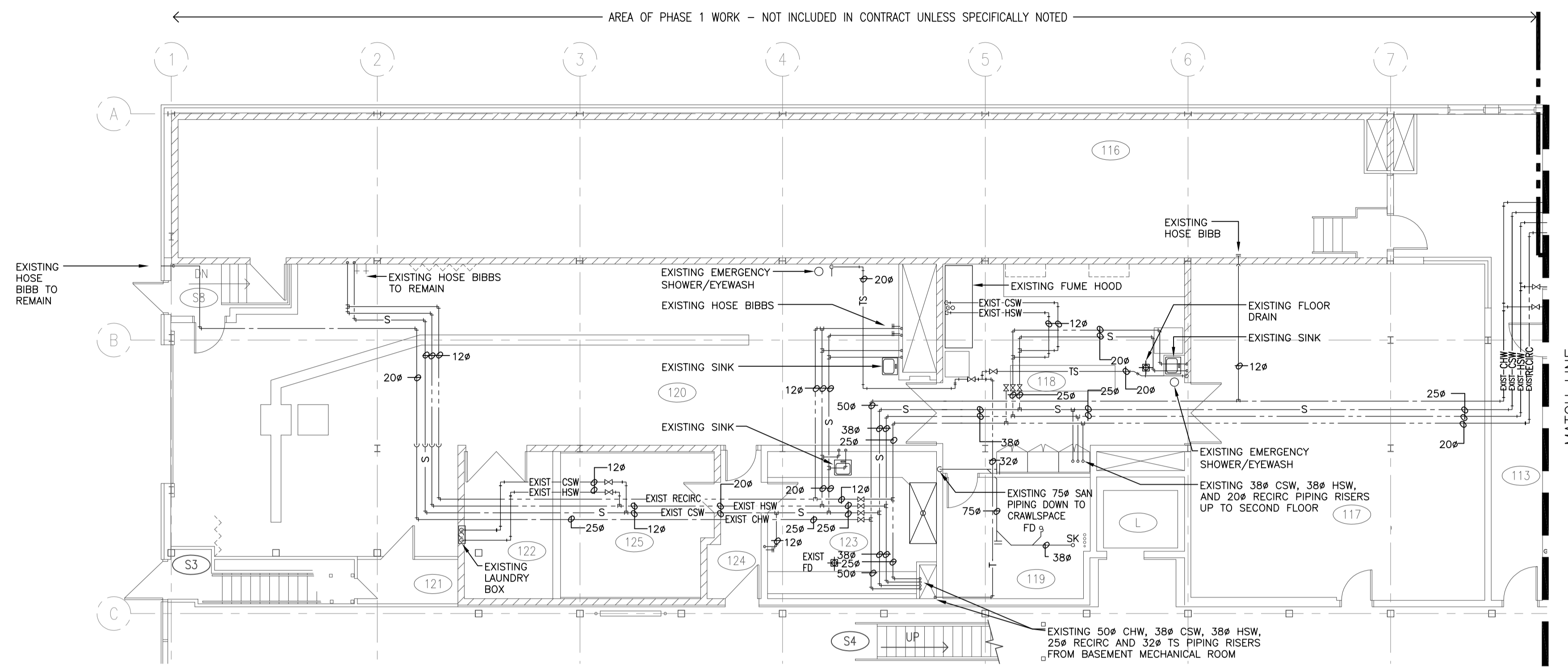
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**MAIN FLOOR PLAN EAST
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Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M2.3	0





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1 MAIN FLOOR PLAN WEST
M2.4 1:100

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**MAIN FLOOR PLAN WEST
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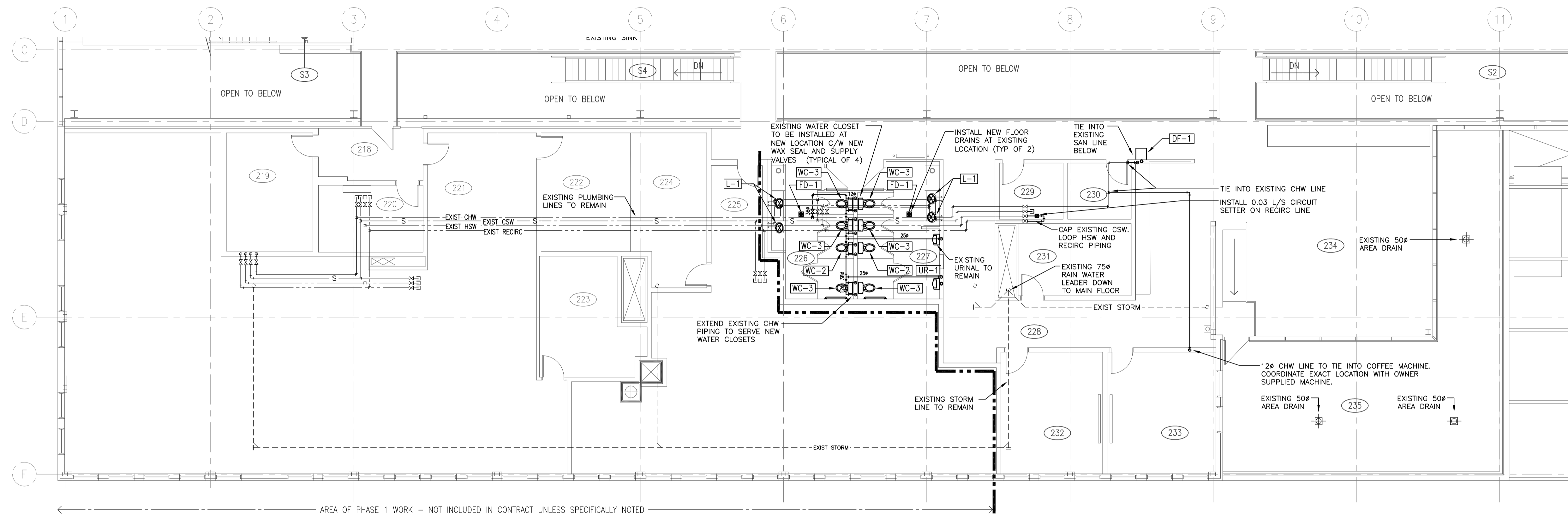
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M2.4

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 La Révision no.

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1 SECOND FLOOR PLAN EAST
M2.5 1:100
NORTH

- PLUMBING GENERAL NOTES:**
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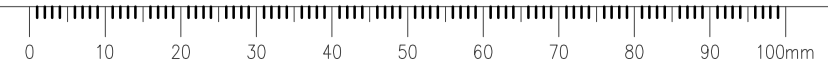
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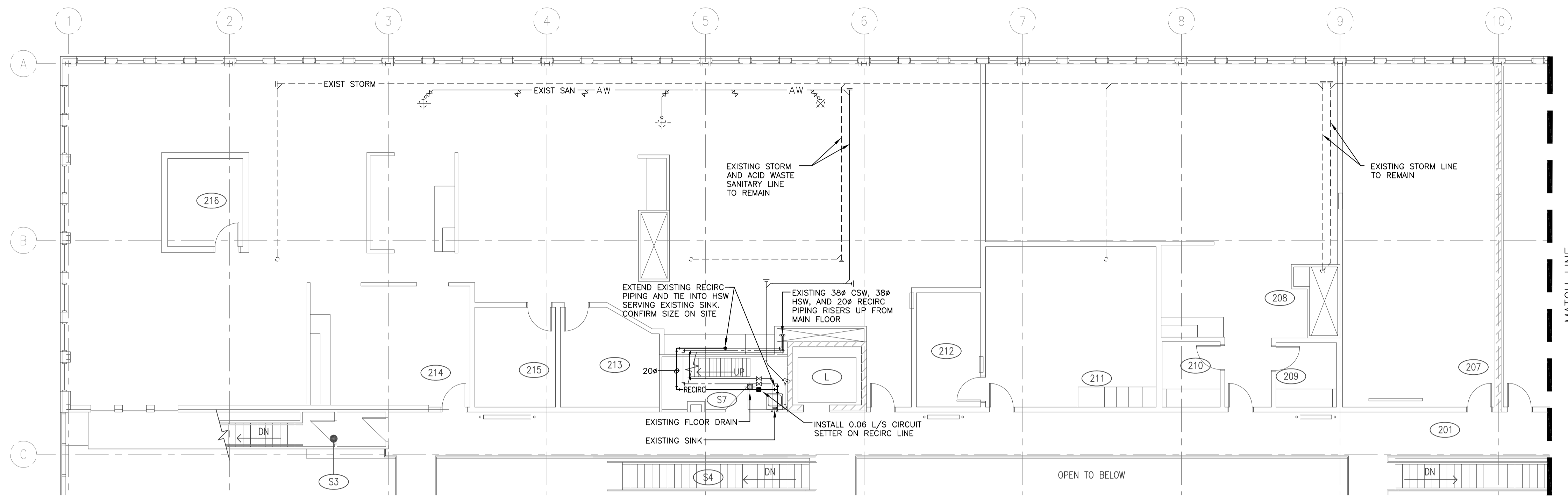
Project title/Titre du projet
**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie
Client/client

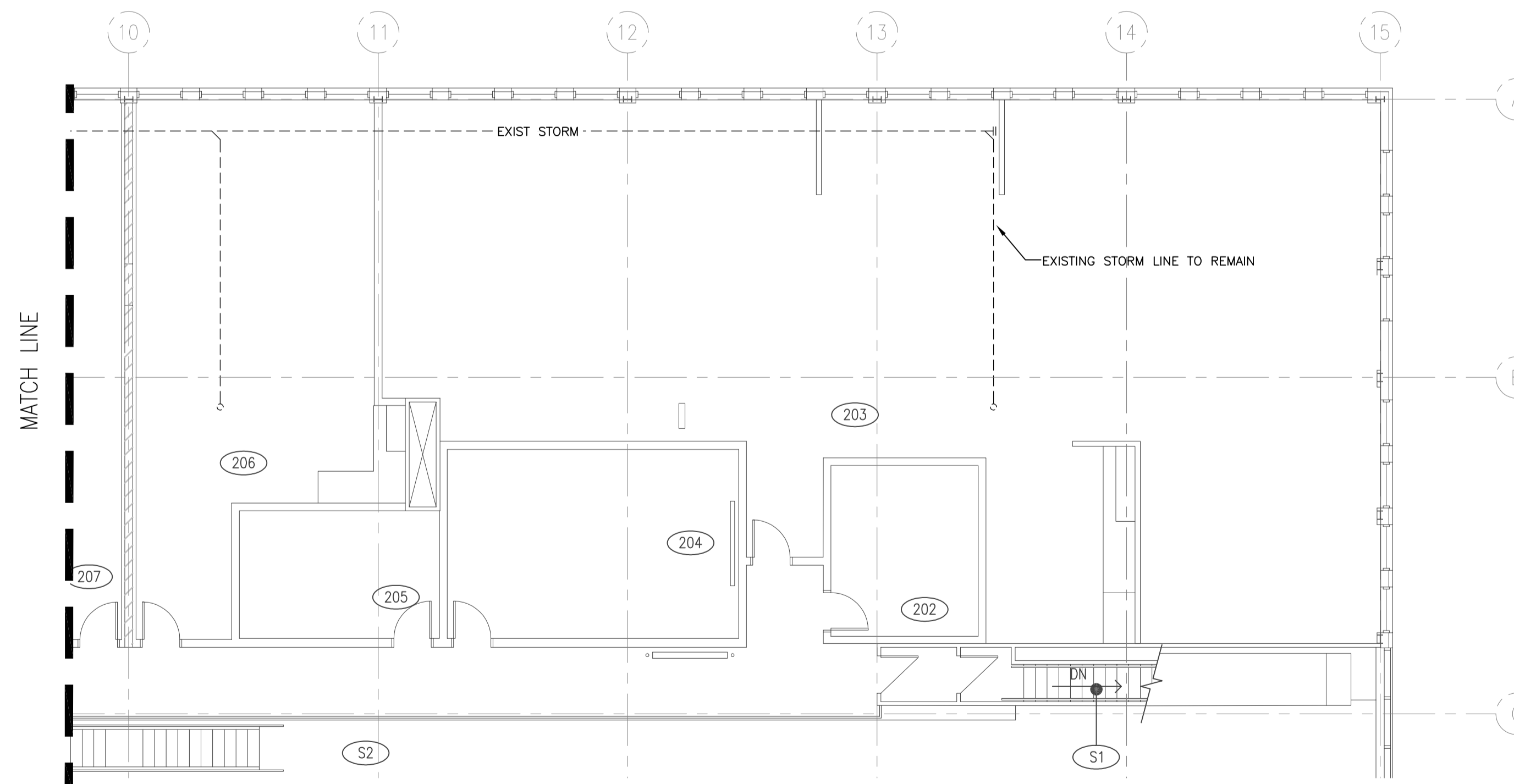
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**SECOND FLOOR PLAN EAST
PLUMBING**

Project No./No. du projet 30/2015	Sheet/ Feuille M2.5	Revision no./ La Révision no. 0
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SECOND FLOOR PLAN WEST
1 M2.6
1:100

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 REGINA, SASKATCHEWAN**

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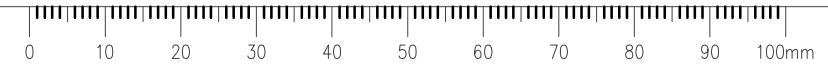
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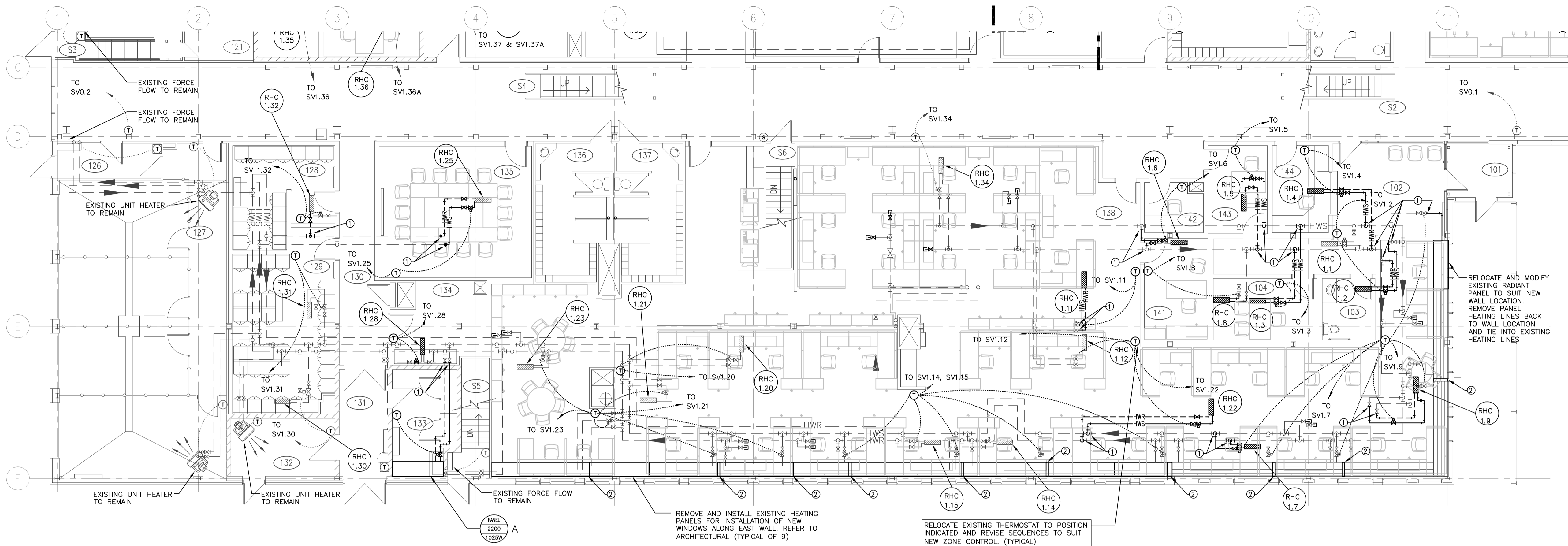
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**SECOND FLOOR PLAN WEST
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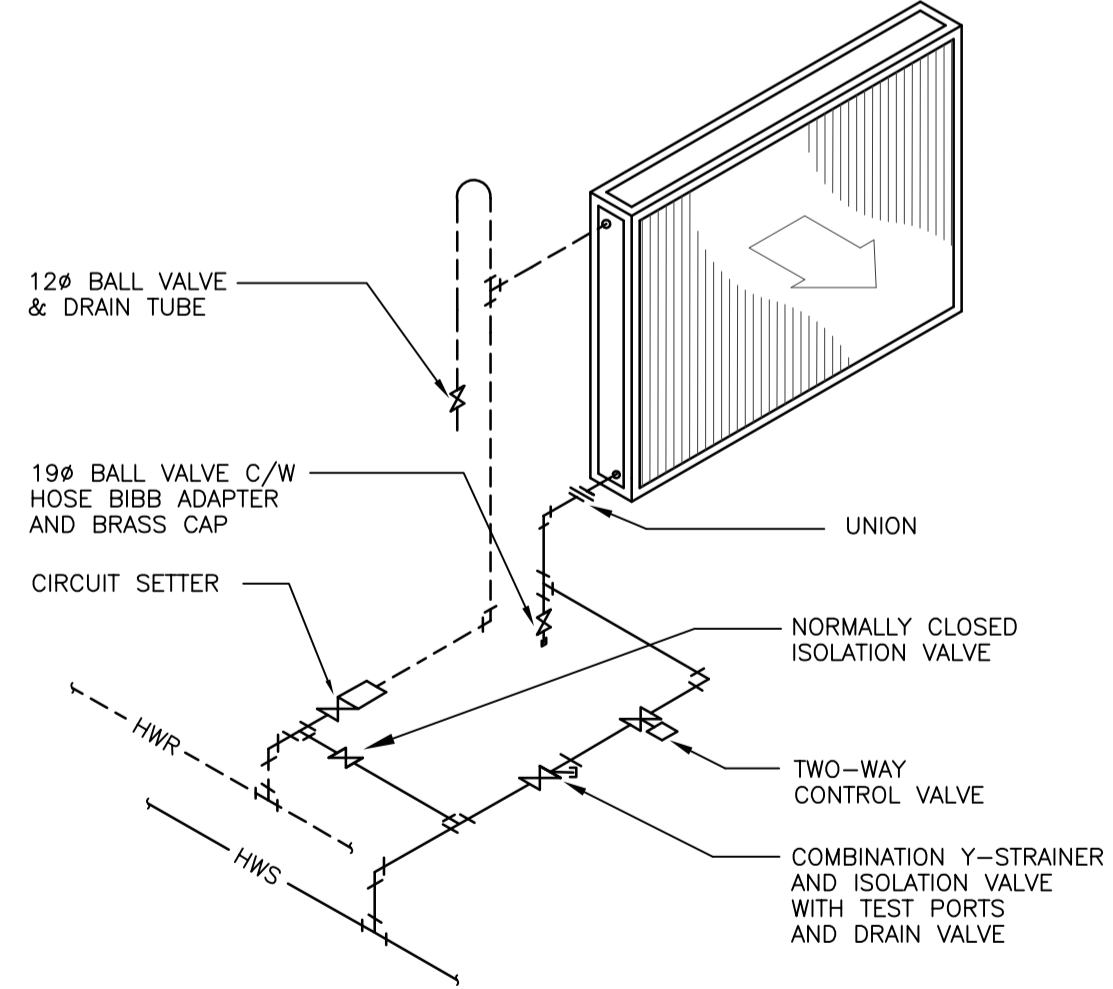




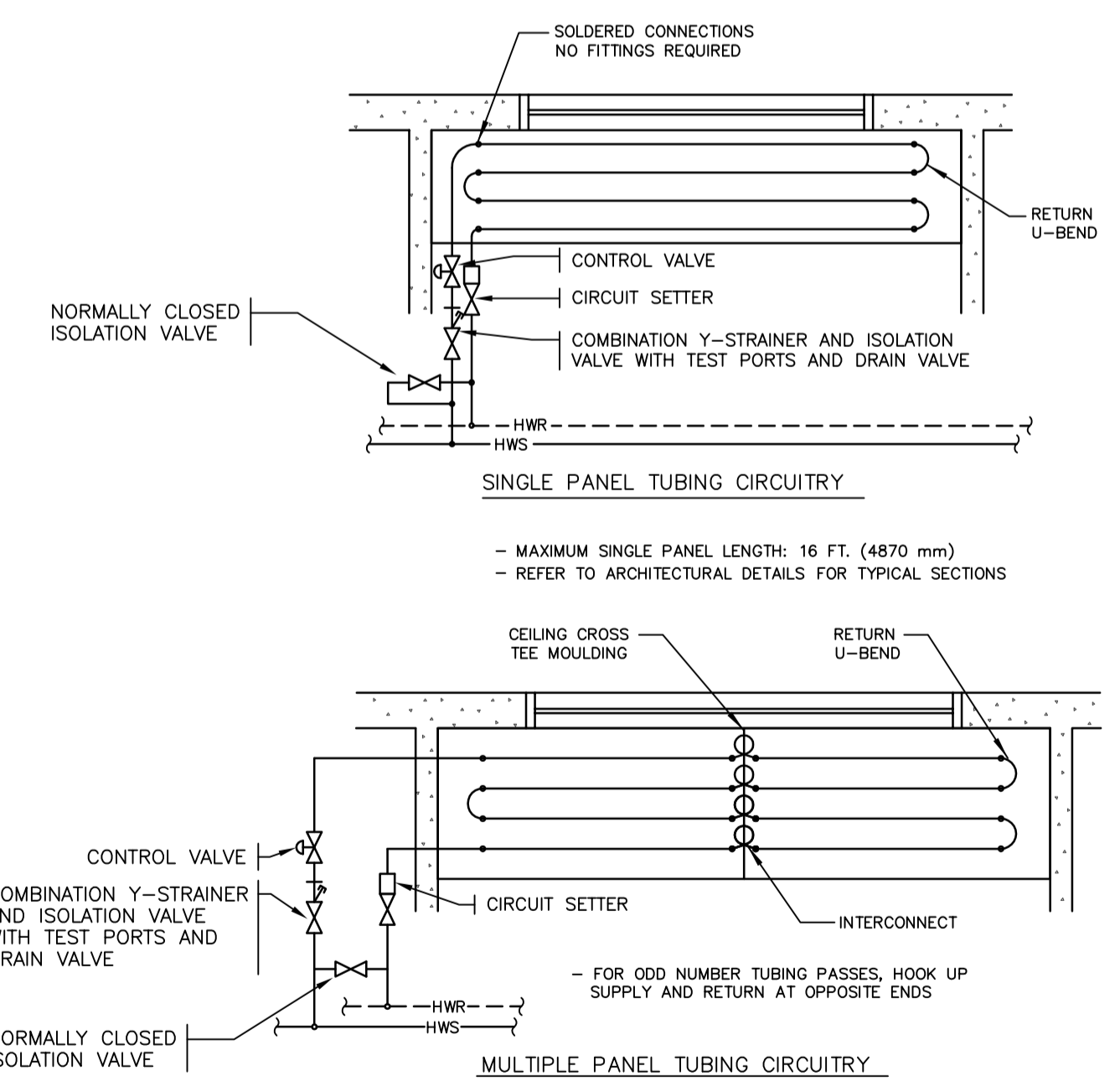
1 MAIN FLOOR PLAN EAST
M3.1 1:100

KEY NOTES

- ① HEATING LINES TO TIE INTO EXISTING MAINS
- ② INSTALL RADIANT PANEL BLANKS AT EXISTING WALL LOCATIONS. MODIFY AN EXISTING REMOVED RADIANT PANEL TO CREATE BLANKS



REHEAT COIL PIPING SCHEMATIC



LINEAR RADIANT PANEL HOOK-UP DETAIL n.t.s.

GENERAL HEATING NOTES:

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- INSTALL AUTO AIR VENTS WITH PET COCKS AT ALL HIGH POINTS IN THE SYSTEM PIPING.
- REFER TO DETAIL SHEETS FOR EQUIPMENT CONNECTIONS.
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REGINA, SASKATCHEWAN**

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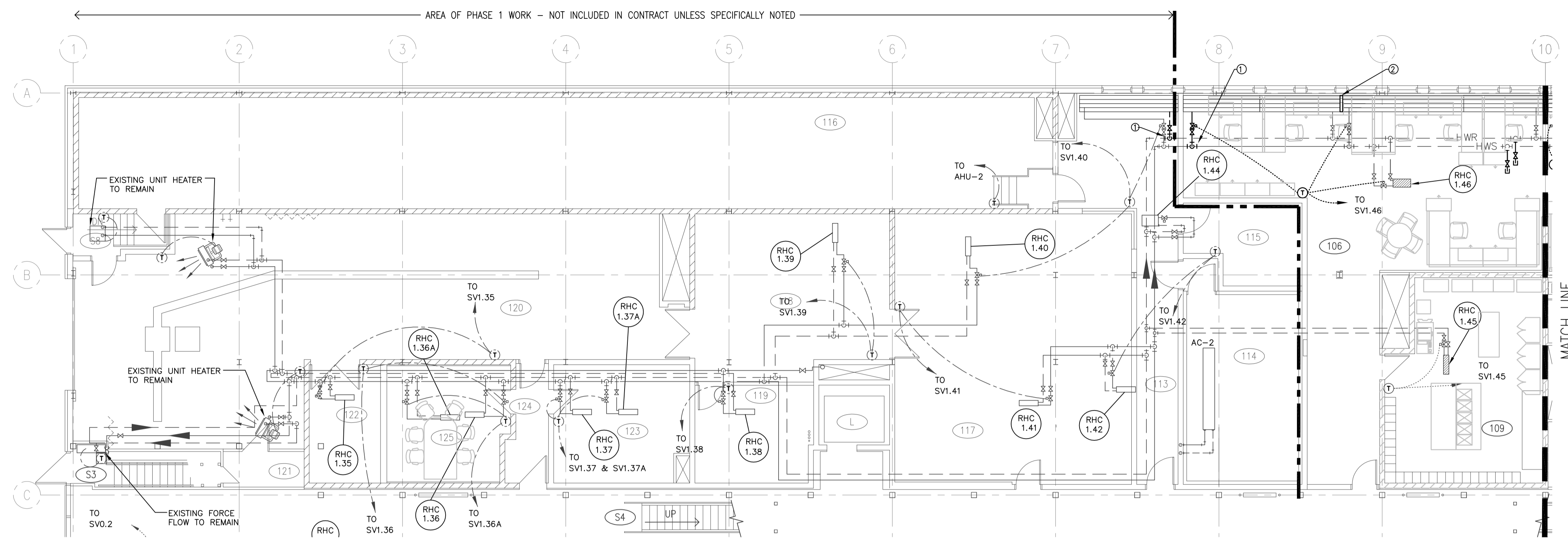
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**MAIN FLOOR PLAN EAST
HEATING**

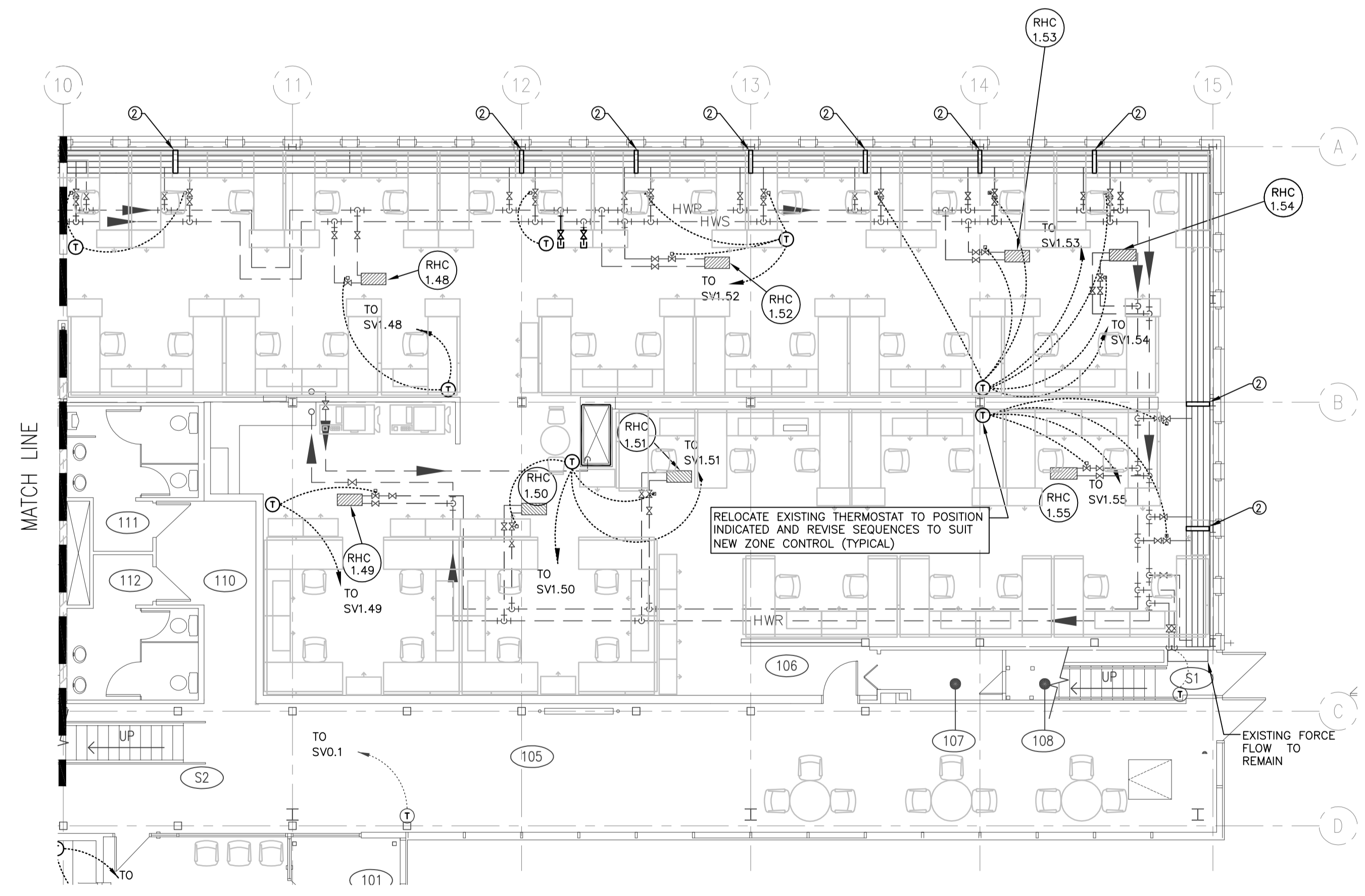
Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M3.1	0





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 - ALL RUNOUTS TO REHEAT COILS, RADIANT PANELS, OR WALL-FIN RADIATION TO BE 150 UNLESS NOTED OTHERWISE. ALL RUNOUTS TO UNIT HEATERS AND FORCE FLOWS TO BE 250 UNLESS NOTED OTHERWISE.

- KEY NOTES**
- ① HEATING LINES TO TIE INTO EXISTING MAINS
 - ② INSTALL RADIANT PANEL BLANKS AT EXISTING WALL LOCATIONS. MODIFY AN EXISTING REMOVED RADIANT PANEL TO CREATE BLANKS



1 MAIN FLOOR PLAN WEST
M3.2 1:100

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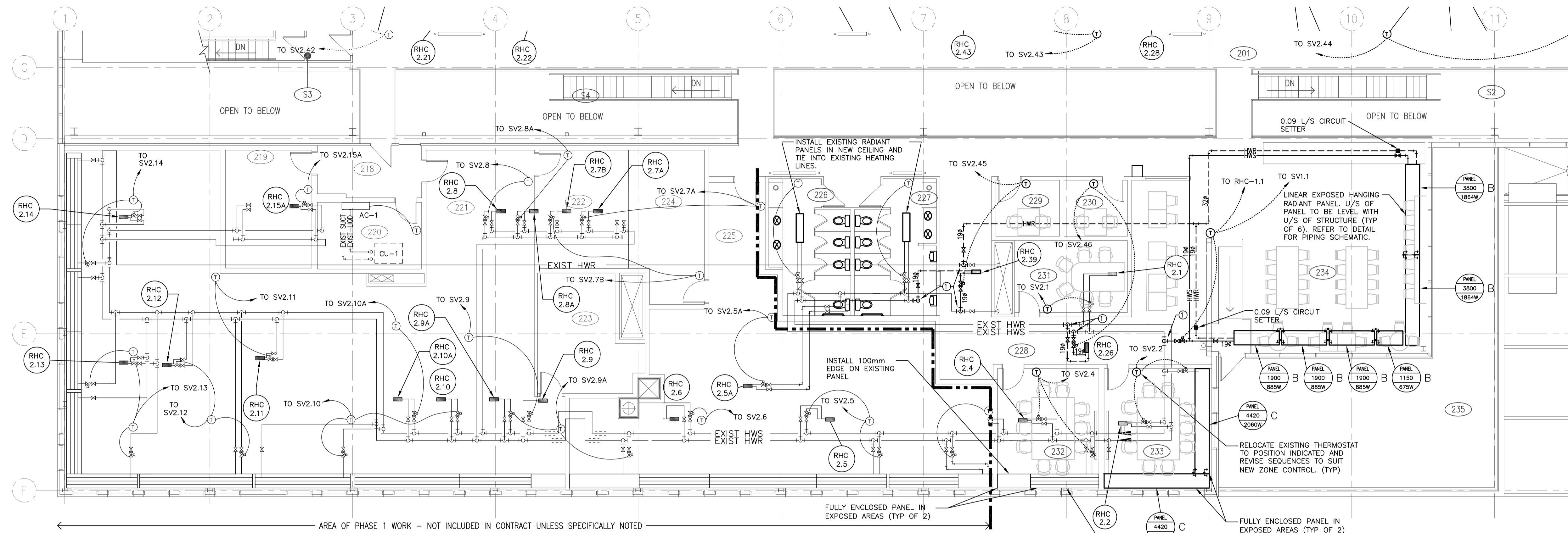
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 REGINA, SASKATCHEWAN**

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 Designed by/Concept par
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HMK/S
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 Ressources Architecturales et de Directeur d'ingénierie

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**MAIN FLOOR PLAN WEST
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30/2015	M3.2	0





AREA OF PHASE 1 WORK - NOT INCLUDED IN CONTRACT UNLESS SPECIFICALLY NOTED

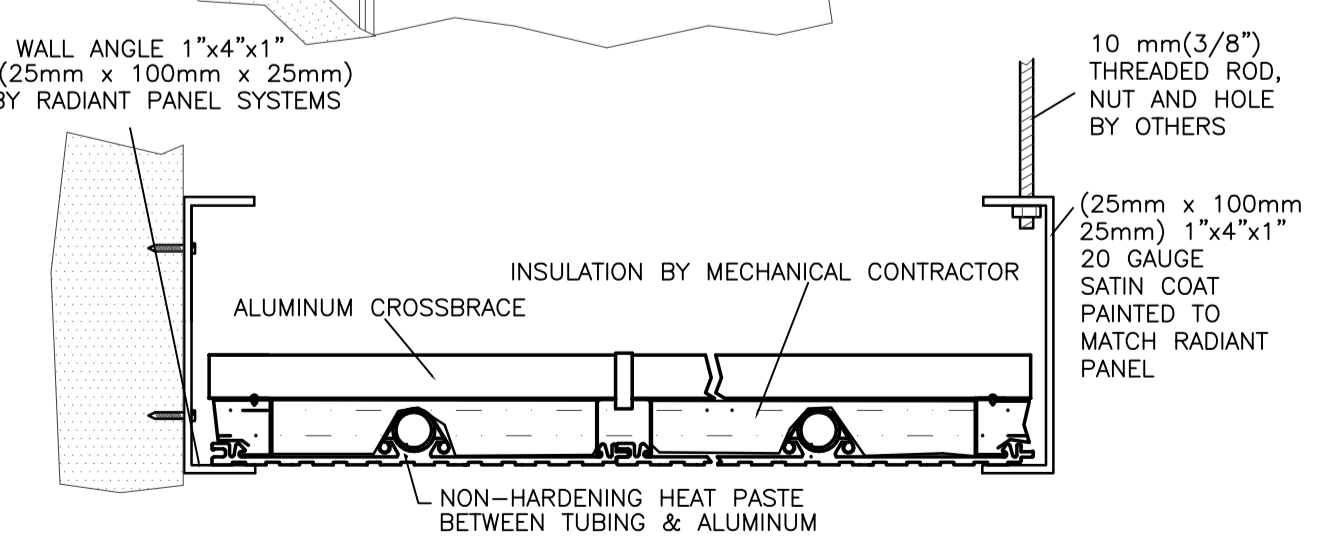
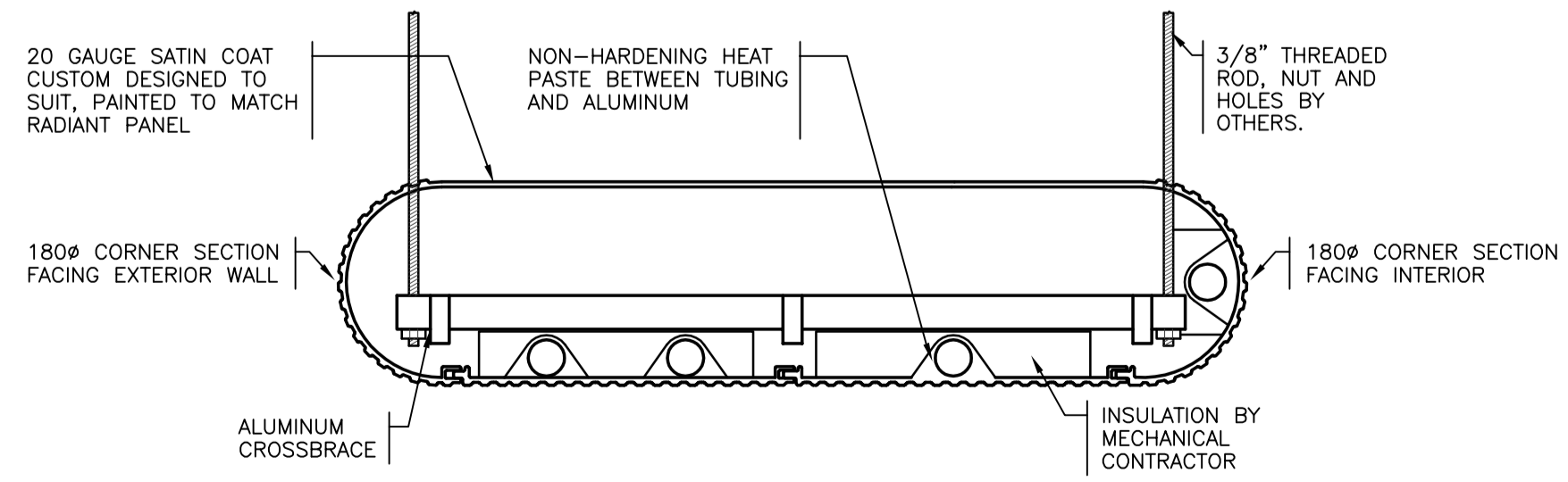
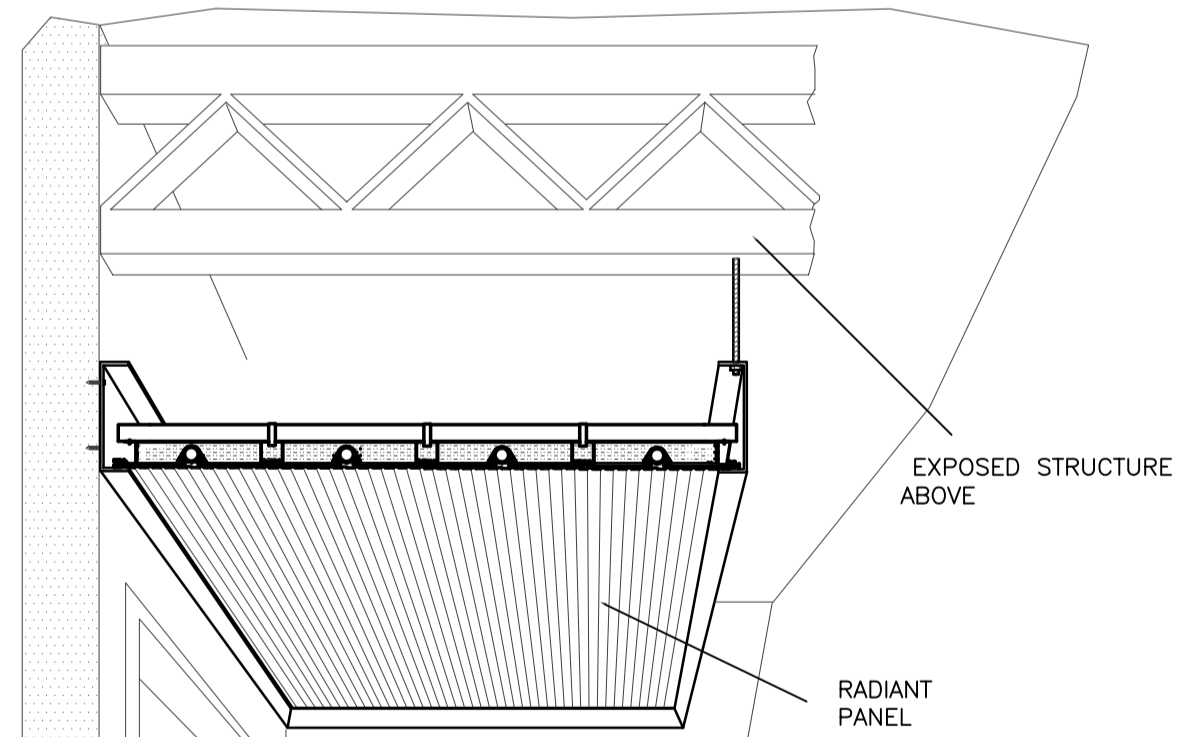
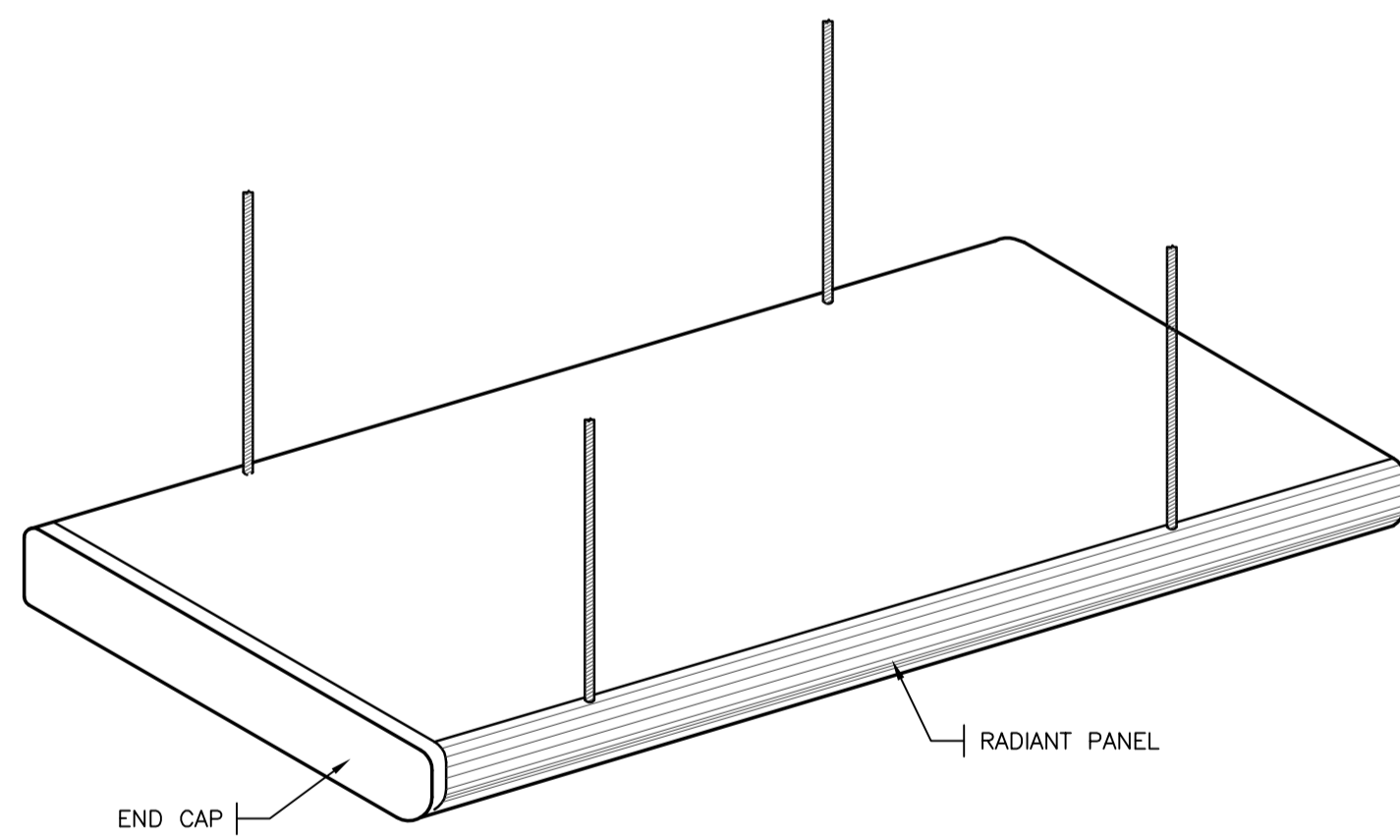
1 SECOND FLOOR PLAN EAST
M3.3 1:100

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KEY NOTES

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LINEAR EXPOSED HANGING RADIANT PANEL

FULLY ENCLOSED LINEAR PANEL IN EXPOSED AREA

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REGINA, SASKATCHEWAN**

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**SECOND FLOOR PLAN EAST
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Project No./No. du projet

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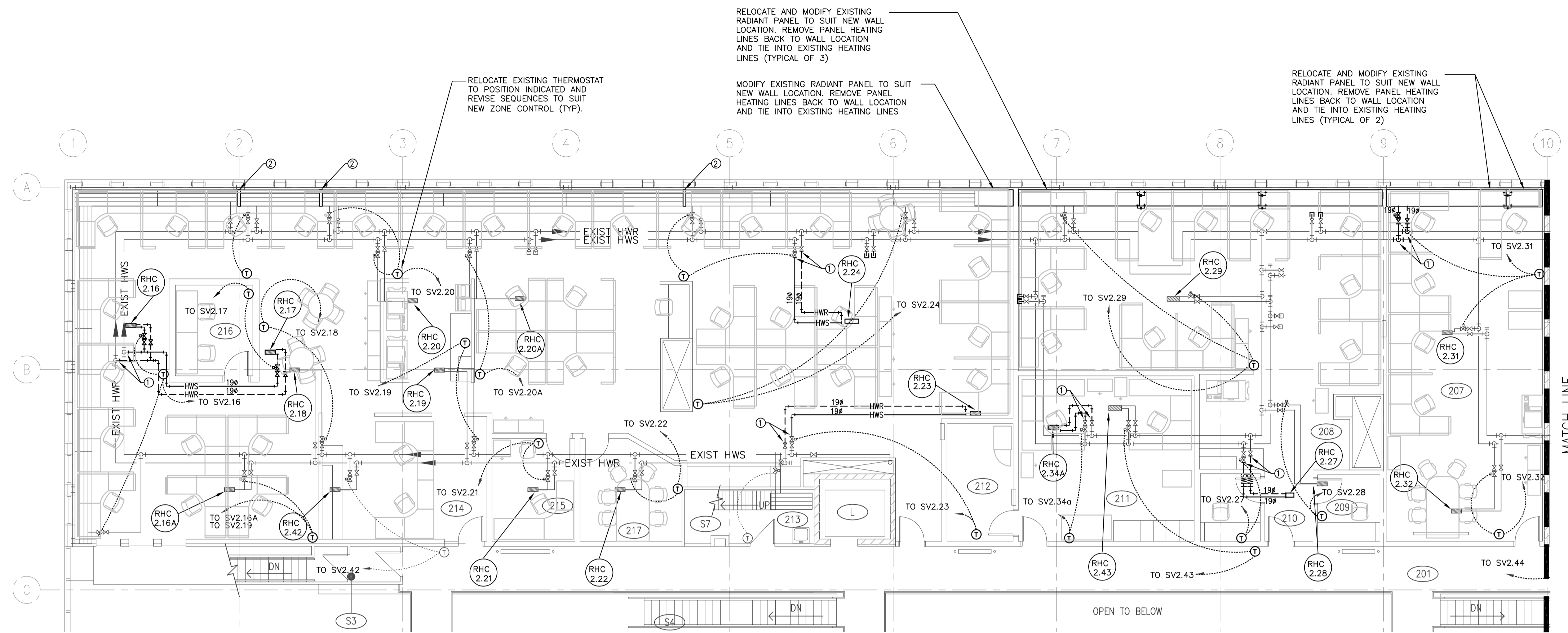
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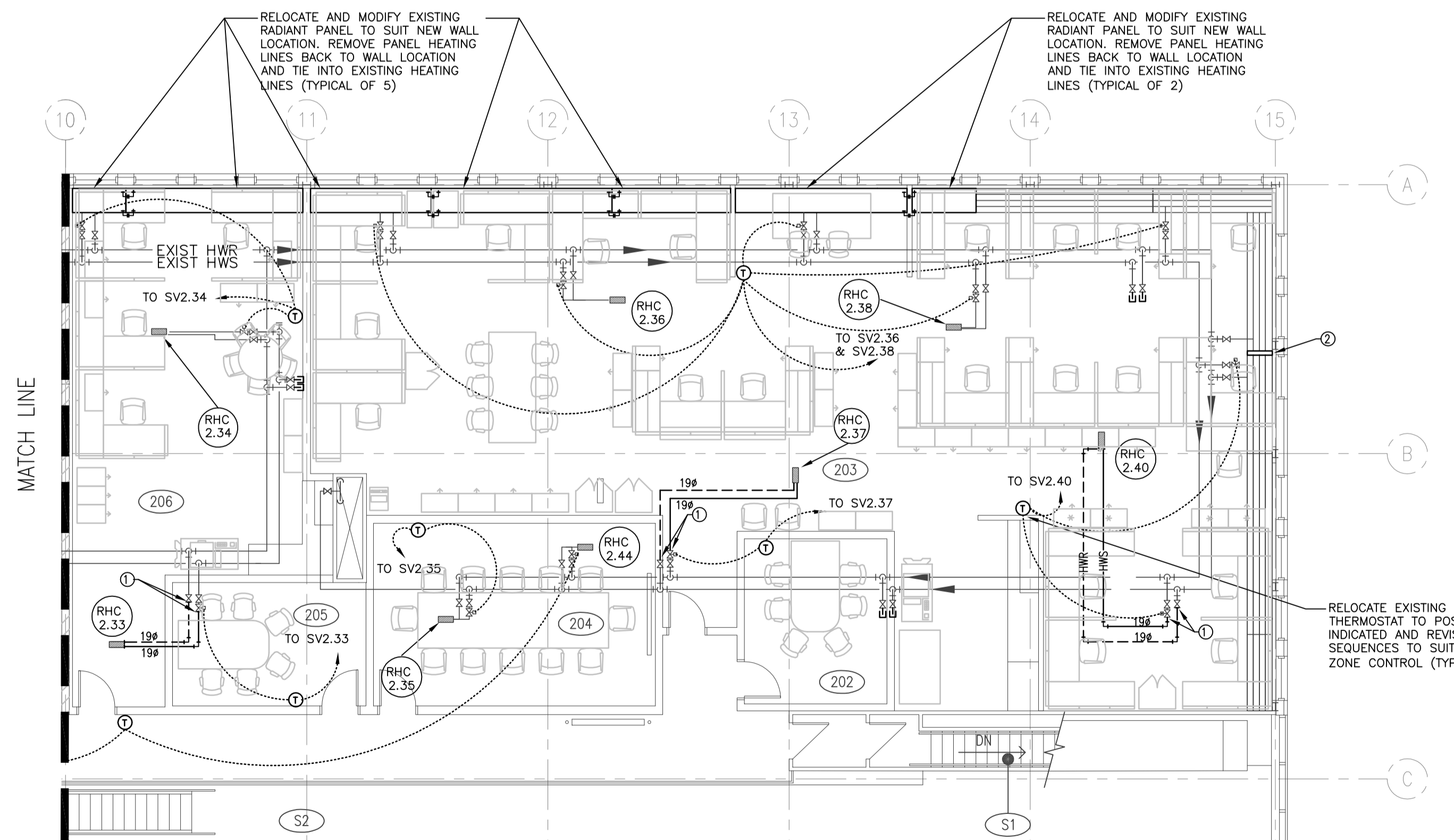


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M3.4 1:100

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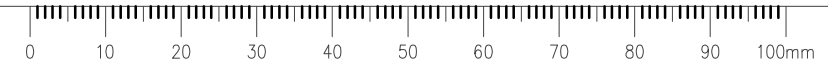
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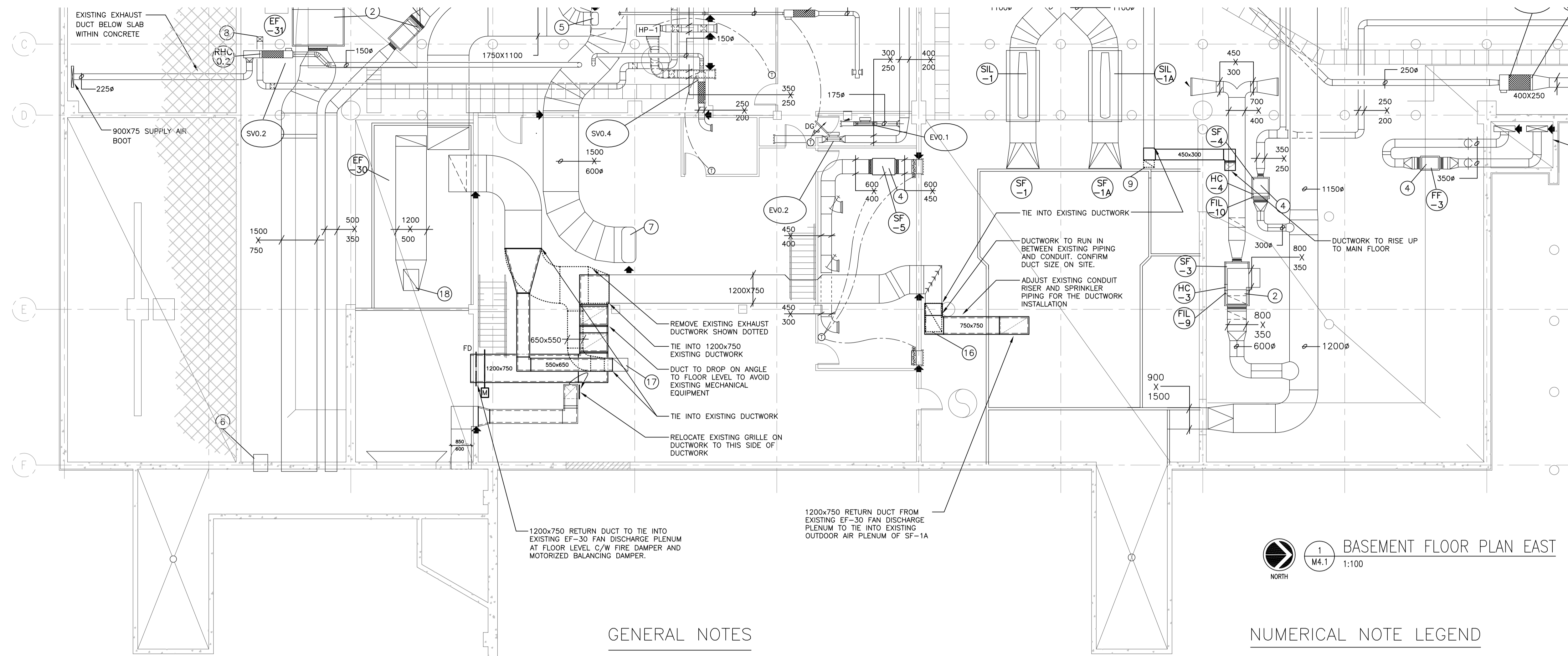
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**SECOND FLOOR PLAN WEST
 HEATING**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M3.4	0





GENERAL NOTES

1. SV0.XX - DESIGNATES TERMINAL UNITS. REFER TO SCHEDULE ON DRAWING M4.4
2. EVO.XX - DESIGNATES EXHAUST AIR VALVES. REFER TO SCHEDULE ON DRAWING M4.7
3. RHC-XX - DESIGNATES EXISTING REHEAT COILS.

BASEMENT FLOOR PLAN EAST
 NORTH 1:100

NUMERICAL NOTE LEGEND

- 1 EXISTING 800Ø SUPPLY AIR UP TO MAIN FLOOR.
- 2 EXISTING UNIT ON CONCRETE SLAB C/W VIBRATION ISOLATORS & FLEXIBLE DUCT CONNECTIONS.
- 3 EXISTING 1350X350Ø SUPPLY AIR UP TO MAIN FLOOR.
- 4 EXISTING UNIT C/W VIBRATION ISOLATORS.
- 5 EXISTING 550X300Ø SUPPLY AIR UP TO MAIN FLOOR.
- 6 EXISTING 600X600 CRAWLSPACE RELIEF DUCT.
- 7 EXISTING 1500X600Ø SUPPLY AIR UP TO MAIN FLOOR.
- 8 EXISTING 250X200 VESTIBULE PRESSURIZATION DUCT UP TO MAIN FLOOR.
- 9 REMOVE 450X300 WASHROOM EXHAUST DOWN FROM MAIN FLOOR.
- 10 EXISTING 250X200 WASHROOM EXHAUST DOWN FROM MAIN FLOOR.
- 11 EXISTING 200X150 WASHROOM EXHAUST DOWN FROM MAIN FLOOR.
- 12 EXISTING 600X500 GENERAL EXHAUST DOWN FROM MAIN FLOOR.
- 13 EXISTING 1550X500 GENERAL EXHAUST DOWN FROM MAIN FLOOR.
- 14 EXISTING 1150X800 GENERAL EXHAUST DOWN FROM MAIN FLOOR.
- 15 EXISTING 1500X600 EXHAUST DOWN FROM MAIN FLOOR.
- 16 REMOVE 1200X750 GENERAL EXHAUST DOWN FROM MAIN FLOOR.
- 17 EXISTING 650X550 GENERAL EXHAUST DOWN FROM MAIN FLOOR.
- 18 EXISTING 950X650 GENERAL EXHAUST DOWN FROM MAIN FLOOR.

SEPW Architecture Inc.
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 1210-3718 Strawn Park, Saskatoon, SK S7P 0A6 ph: (306) 662-9407
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CERTIFICATE OF AUTHORIZATION
HDA ENGINEERING LTD.
 Number: C3891
 Permission to Consult Held by:
 Discipline: Mech. Sk. Reg. No.: 6093 Signature: *J. Downer*

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Revision/	Description/Description	Date/Date
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0	ISSUED FOR TENDER	2017-02-03

Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approuve par

Designed by/Concept par
TKC

Drawn by/Dessine par
JDL

Project Manager/Administrateur de Projets
HMKS

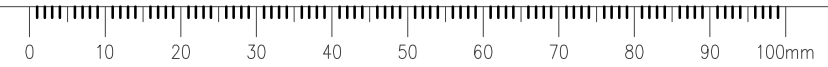
Architectural and Engineering Resources Manager/
 Ressources Architecturales et de Directeur d'ingénierie

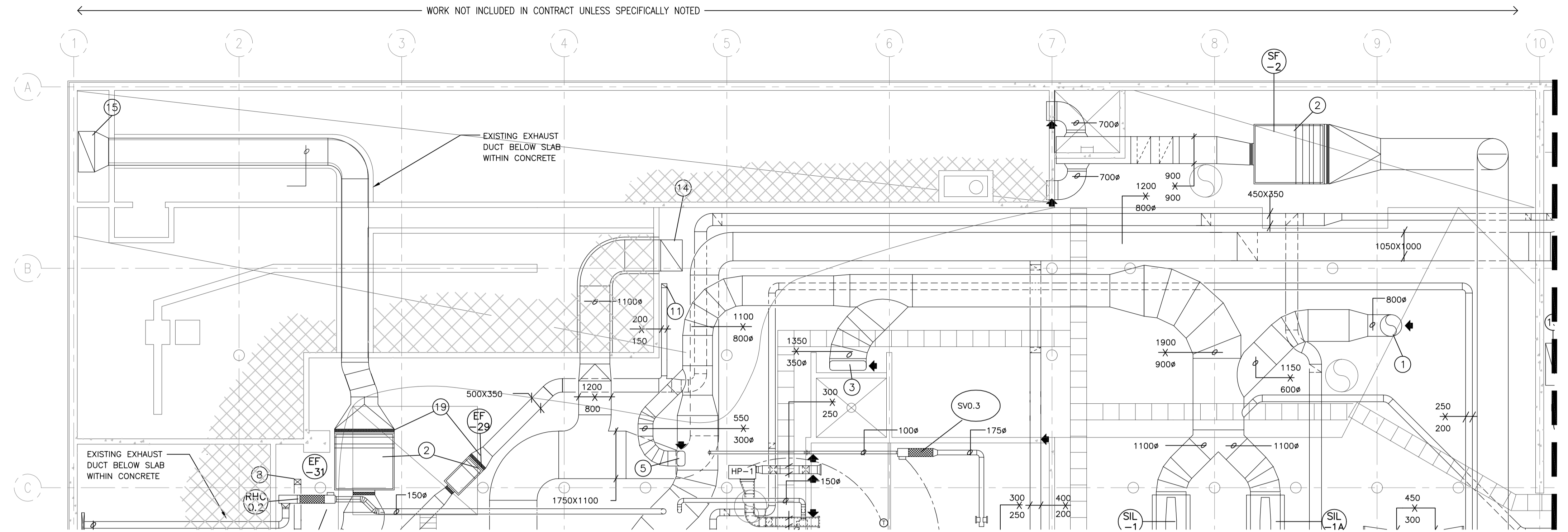
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Drawing title/Titre du dessin

**BASEMENT FLOOR PLAN EAST
 VENTILATION**

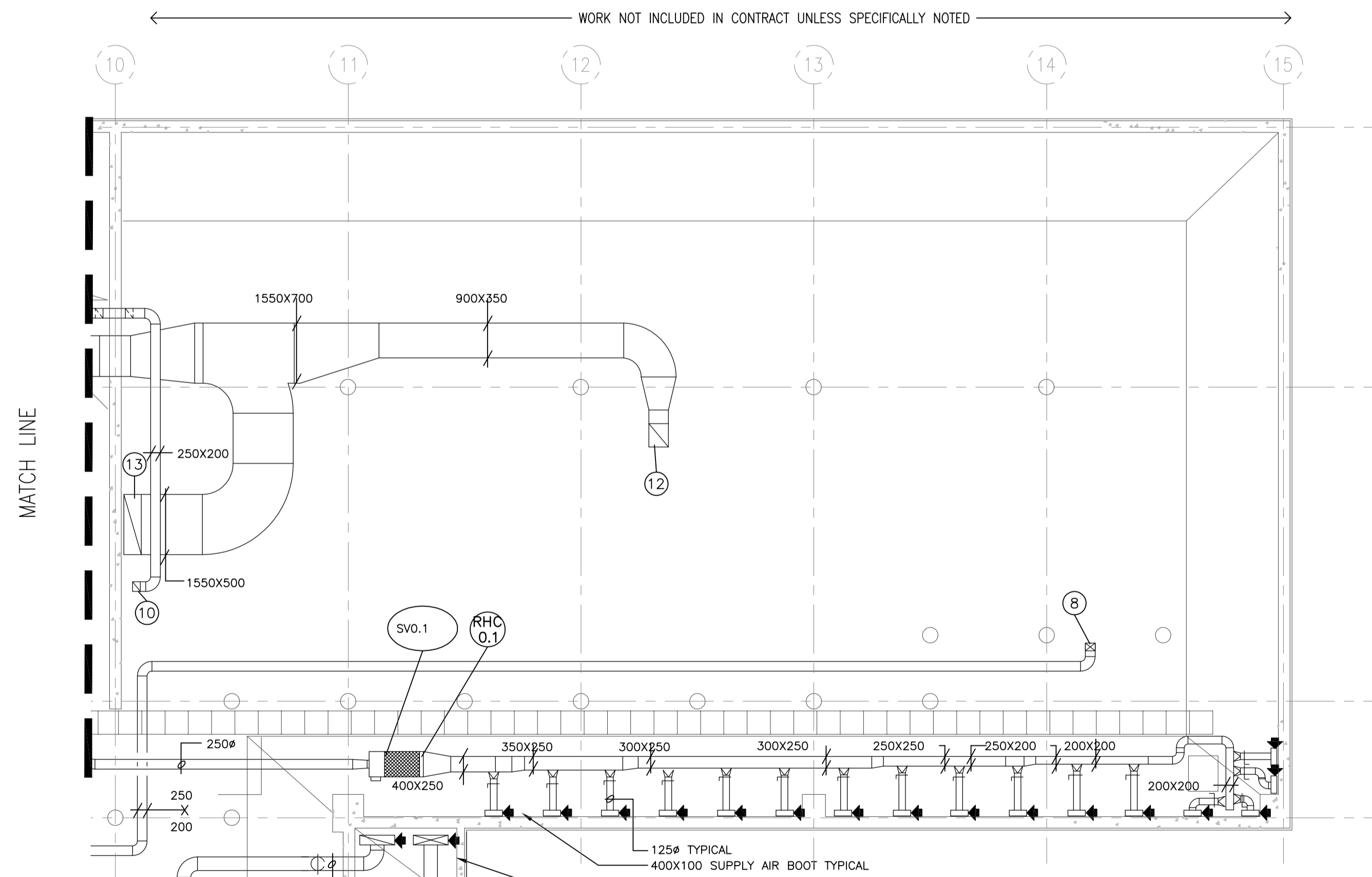
Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M4.1	0





NUMERICAL NOTE LEGEND

- ① EXISTING 800Ø SUPPLY AIR UP TO MAIN FLOOR.
- ② EXISTING UNIT ON CONCRETE SLAB C/W VIBRATION ISOLATORS & FLEXIBLE DUCT CONNECTIONS.
- ③ EXISTING 1350X350Ø SUPPLY AIR UP TO MAIN FLOOR.
- ④ EXISTING UNIT C/W VIBRATION ISOLATORS.
- ⑤ EXISTING 550X300Ø SUPPLY AIR UP TO MAIN FLOOR.
- ⑥ EXISTING 600X600 CRAWLSPACE RELIEF DUCT.
- ⑦ EXISTING 1500X600Ø SUPPLY AIR UP TO MAIN FLOOR.
- ⑧ EXISTING 250X200 VESTIBULE PRESSURIZATION DUCT UP TO MAIN FLOOR.
- ⑨ REMOVE 450X300 WASHROOM EXHAUST DOWN FROM MAIN FLOOR.
- ⑩ EXISTING 250X200 WASHROOM EXHAUST DOWN FROM MAIN FLOOR.
- ⑪ EXISTING 200X150 WASHROOM EXHAUST DOWN FROM MAIN FLOOR.
- ⑫ EXISTING 600X500 GENERAL EXHAUST DOWN FROM MAIN FLOOR.
- ⑬ EXISTING 1550X500 GENERAL EXHAUST DOWN FROM MAIN FLOOR.
- ⑭ EXISTING 1150X800 GENERAL EXHAUST DOWN FROM MAIN FLOOR.
- ⑮ EXISTING 1500X600 EXHAUST DOWN FROM MAIN FLOOR.
- ⑯ REMOVE 1200X750 GENERAL EXHAUST DOWN FROM MAIN FLOOR.
- ⑰ EXISTING 650X550 GENERAL EXHAUST DOWN FROM MAIN FLOOR.
- ⑱ EXISTING 950X650 GENERAL EXHAUST DOWN FROM MAIN FLOOR.



BASEMENT FLOOR PLAN WEST
 1 M2.2 1:100
 NORTH

SEPW Architecture Inc.
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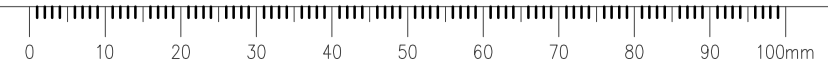
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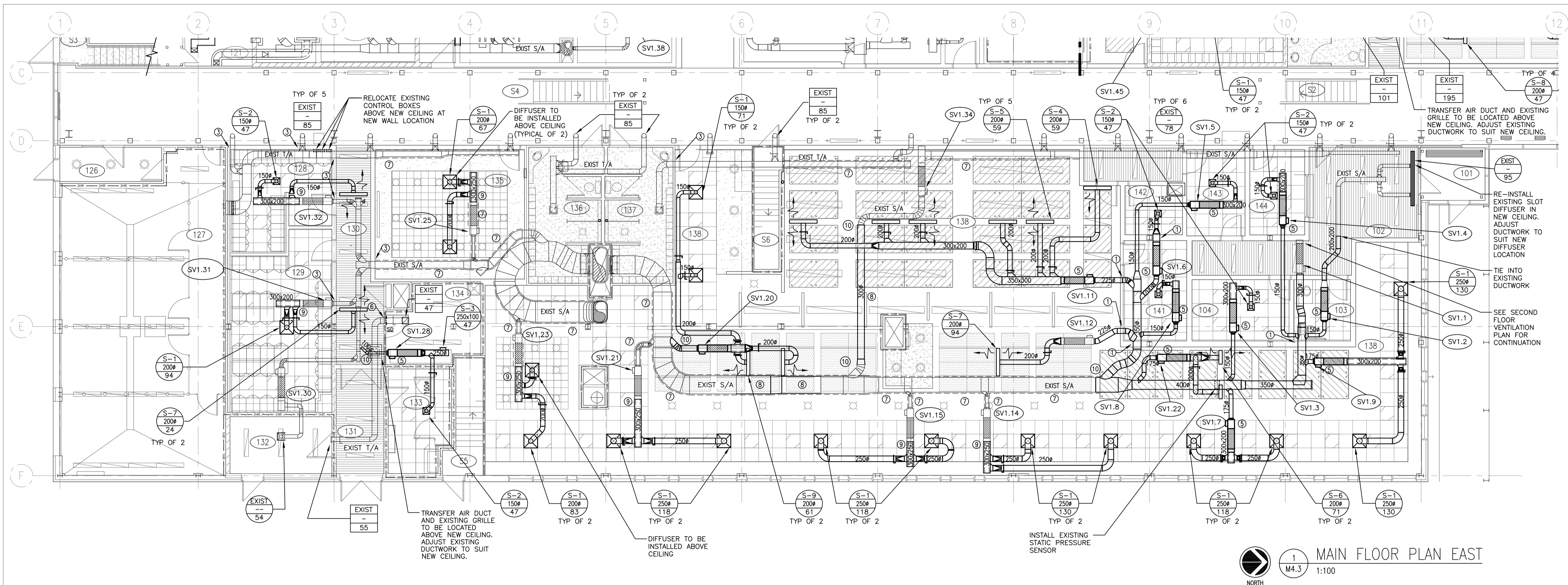
Project title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par
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**BASEMENT FLOOR PLAN WEST
 VENTILATION**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M4.2	0





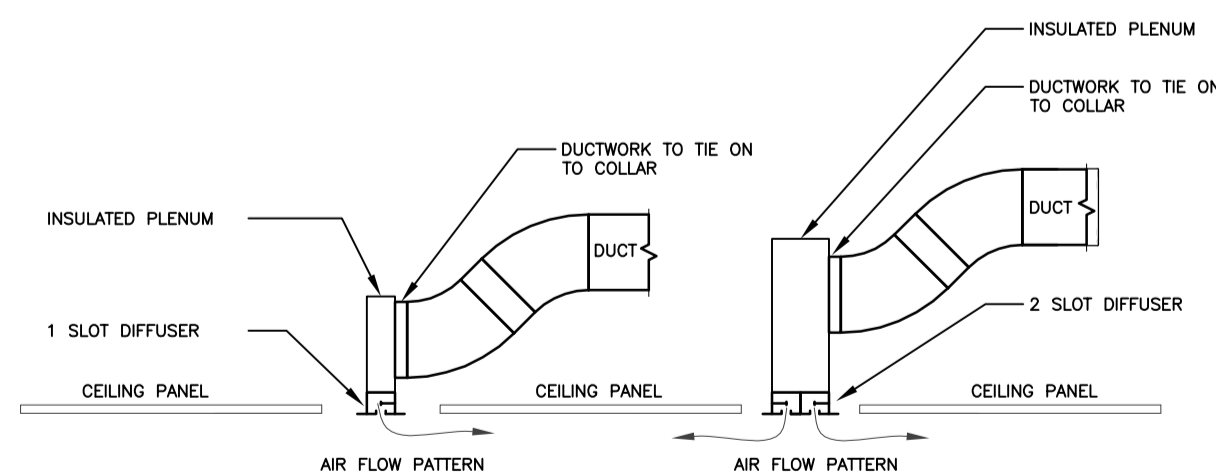
1 MAIN FLOOR PLAN EAST
M4.3 1:100

Supply Air Terminal Unit Schedule											
Tag	Size (mm)	Location (room #)	Serves (room #)	Airflow (L/s)			Flow Control	Reheat coil	Associated Equipment	Control Sequence	Notes
				Unocc.	Min	Max					
SUPPLY VALVES - MAIN FLOOR											
SV1.1	300	102	234	627	627	627	CAV	RHC1.1	EV2.1	EXIST	2
SV1.2	125	102	102	14	38	95	VAV	RHC1.2	EV1.1	B	2,3
SV1.3	200	104	104	12	19	47	VAV	RHC1.3	EV1.3	A	2,3
SV1.4	175	144	144	12	19	47	VAV	RHC1.4	EV1.2	B	2,3
SV1.5	125	143	143	12	19	47	VAV	RHC1.5	EV1.4	A	2,3
SV1.6	200	141	142	12	19	47	VAV	RHC1.6	EV1.5	A	2,3
SV1.7	175	138	138	59	94	236	VAV	RHC1.7	EV1.61	C	2,3
SV1.8	150	104	141	12	19	47	VAV	RHC1.8	EV1.9	B	2,3
SV1.9	175	138	138	65	104	260	VAV	RHC1.9	EV1.61	C	2,3
SV1.10	150							RHC1.10	n/a	n/a	1
SV1.11	225	138	138	89	142	355	VAV	RHC1.11	EV1.61	C	2,3
SV1.12	225	138	138	24	38	94	VAV	RHC1.12	EV1.61	C	2,3
SV1.13	125							RHC1.13	n/a	n/a	1
SV1.14	150	138	138	63	100	250	VAV	RHC1.14	EV1.61	C	2,3
SV1.15	150	138	138	63	100	250	VAV	RHC1.15	EV1.61	C	2,3
SV1.16	100							RHC1.16	n/a	n/a	1
SV1.17	175							RHC1.17	n/a	n/a	1
SV1.18	150							RHC1.18	n/a	n/a	1
SV1.19	175							RHC1.19	n/a	n/a	1
SV1.20	250	138	138	66	106	264	VAV	RHC1.20	EV1.61	C	2,3
SV1.21	175	138	138	63	100	250	VAV	RHC1.21	EV1.61	C	2,3
SV1.22	150	138	138	35	56	141	VAV	RHC1.22	EV1.61	C	2,3
SV1.23	225	138	138	42	66	166	VAV	RHC1.23	EV1.61	C	2,3
SV1.24	300							RHC1.24	n/a	n/a	1
SV1.25	125	135	0	54	134		VAV	RHC1.25	EV1.24	A	2,3
SV1.26	100							RHC1.26	n/a	n/a	1
SV1.27	100							RHC1.27	n/a	n/a	1
SV1.28	100	134	134	94	94	94	CAV	RHC1.28	n/a	B	2,3
SV1.30	100	129	132	54	54	54	EXIST	RHC1.30	EV1.26	EXIST	4
SV1.31	200	129	129	118	118	118	CAV	RHC1.31	EV1.28	B	2,3
SV1.32	200	128	128	71	71	71	CAV	RHC1.32	EV1.28	B	2,3
SV1.34	300	138	105	468	468	468	EXIST	RHC1.34	EXIST	EXIST	4
SV1.35	350	122	120,121	670	670	670	EXIST	RHC1.35	EXIST	EXIST	4
SV1.36	250	125	122	15	60	100	EXIST	RHC1.36	EXIST	EXIST	4
SV1.36A	250	125	125	20	52	130	EXIST	RHC1.36A	EXIST	EXIST	4
SV1.38	150	119	119	17	44	110	EXIST	RHC1.38	EXIST	EXIST	4
SV1.40	250	117	117	24	64	159	EXIST	RHC1.40	EXIST	EXIST	4
SV1.41	350	117	117	59	158	396	EXIST	RHC1.41	EXIST	EXIST	4
SV1.42	200	117	113	17	44	110	EXIST	RHC1.42	EXIST	EXIST	4
SV1.44	300	113	n/a	n/a	500	500	EXIST	RHC1.44	EXIST	EXIST	4
SV1.45	200	109	109	14	38	94	EXIST	RHC1.45	EV1.45	B	3,4

Supply Air Terminal Unit Schedule											
Tag	Size (mm)	Location (room #)	Serves (room #)	Airflow (L/s)			Flow Control	Reheat coil	Associated Equipment	Control Sequence	Notes
				Unocc.	Min	Max					
SUPPLY VALVES - MAIN FLOOR											
SV1.46	250	106	106	71	188	470	EXIST	RHC1.46	EV1.62	C	2,3
SV1.47	150							RHC1.47	n/a	n/a	5
SV1.48	250	106	106	94	150	376	VAV	RHC1.48	EV1.62	C	2,3
SV1.49	150	106	106	35	56	141	VAV	RHC1.49	EV1.63	C	2,3
SV1.50	175	106	106	35	56	141	VAV	RHC1.50	EV1.63	C	2,3
SV1.51	300	106	106	71	113	282	VAV	RHC1.51	EV1.63	C	2,3
SV1.52	250	106	106	102	163	408	VAV	RHC1.52	EV1.64	C	2,3
SV1.52A								RHC1.52A	n/a	n/a	1
SV1.53	200	106	106	55	88	220	VAV	RHC1.53	EV1.64	C	2,3
SV1.54	175	106	106	57	92	229	VAV	RHC1.54	EV1.64	C	2,3
SV1.55	150	106	106	35	56	141	VAV	RHC1.55	EV1.63	C	2,3
SV1.56	125							RHC1.56	n/a	n/a	1
SV1.57	100							RHC1.57	n/a	n/a	1

Refer to Specification Section 25 90 01 for corresponding zone control sequence

- Demolish VAV box and revise controls graphics and sequences to suit.
- Revise thermostat location to new location indicated and revise control graphics.
- Rebalance existing VAV box, commission new VAV box sequence and revise control graphics.
- Reuse existing thermostat in current location.



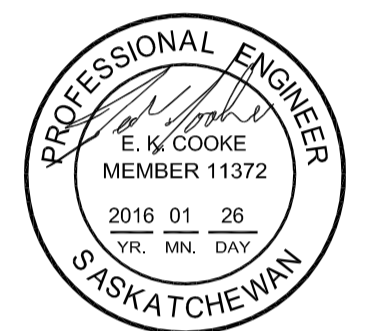
2 SLOT DIFFUSER SCHEMATIC
M4.3 N.T.S

VENTILATION GENERAL NOTES

- ALL SUPPLY DUCTWORK SHOWN DOUBLE LINE INSIDE PERIMETER OF DUCT IS TO BE COMPLETE WITH 25mm INTERNAL INSULATION. ALL OTHER SUPPLY DUCTWORK IS TO BE C/W EXTERNAL INSULATION IN ACCORDANCE WITH SPECIFICATIONS. SIZES INCLUDE INTERNAL INSULATION WHERE APPLICABLE.
- ALL FITTINGS ON INTERNALLY INSULATED DUCTWORK ARE TO BE C/W INTERNAL INSULATION. ALL OTHERS ARE TO BE EXTERNALLY INSULATED.
- UNLESS NOTED OTHERWISE ALL RETURN/EXHAUST DUCTWORK DOES NOT REQUIRE EXTERNAL INSULATION
- ALL SUPPLY AIR AND EXHAUST AIR BRANCH DUCTS TO GRILLES AND DIFFUSERS ARE TO BE C/W BALANCE DAMPERS IN BRANCH DUCT NEAR MAIN, UNLESS BALANCE DAMPERS ARE PROVIDED IN GRILLE OR DIFFUSER.
- CONDUCT PRE-INSTALLATION MEETING FOR COORDINATION OF CEILINGS, MECHANICAL AND ELECTRICAL COMPONENTS WITH DEPARTMENTAL REPRESENTATIVE
- ALL RADIUS ELBOWS TO BE WITH CENTERLINE RADIUS OF 1.5 TIMES DUCT DIAMETER (ROUND DUCTS) OR DUCT WIDTH (RECTANGULAR). ALL MITERED ELBOWS TO BE COMPLETE WITH AIRFOIL TURNING VANES. ALL RECTANGULAR BRANCHES TO BE WITH RADIUS ON BRANCH 1.5 TIMES WIDTH OF DUCT. ALL ROUND BRANCHES TO ENTER MAIN DUCT AT 45 DEGREES WITH CONICAL CONNECTION.
- PROVIDE ACCESS DOORS FOR ACCESS TO ALL MOTORIZED DAMPERS, FIRE DAMPERS, HUMIDIFIERS AND CONTROL DEVICES, AND TO FACILITATE DUCT CLEANING.
- COORDINATE ALL WORK WITH OTHER TRADES.
- RUN DUCTS AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCE.
- BALANCE VARIABLE AIR VOLUME EXHAUST BOXES TO ENSURE 10% POSITIVE SUPPLY AIR FLOW IN SPACES SERVED (TYPICAL OF ALL SPACES).

KEYNOTES

- DUCT PENETRATING SECURE WALL TO BE COMPLETE WITH SECURITY BARS, REFER TO APPROPRIATE DETAIL.
- DUCT RISING WITHIN SHAFT TO SECURE SPACE TO BE COMPLETE WITH SECURITY BARS AT FLOOR, REFER TO APPROPRIATE DETAIL.
- EXISTING DUCT PENETRATING SECURE WALL TO BE MODIFIED AS REQUIRED TO INSTALL SECURITY BARS, REFER TO APPROPRIATE DETAIL.
- EXISTING DUCT PENETRATING SECURE WALL TO BE MODIFIED AS REQUIRED TO INSTALL SECURITY BARS AND FIRE DAMPER, REFER TO APPROPRIATE DETAIL.
- RELOCATED EXISTING VAV BOX. REFER TO CONTROLS SEQUENCE FOR REVISED OPERATION
- EXISTING DUCT PENETRATING SECURE WALL TO BE MODIFIED AS REQUIRED TO INSTALL SMOKE DAMPER, REFER TO APPROPRIATE DETAIL.
- CANVAS WRAP EXISTING EXPOSED DUCTWORK
- REPLACE EXISTING DUCTWORK SECTION
- NEW DUCTWORK TO TIE INTO EXISTING SUPPLY VALVE
- NEW HIGH VELOCITY DUCTWORK TO TIE INTO EXISTING MAIN



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Revision	Description/Description	Date/Date
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Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par
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Drawn by/Dessine par
JDL

Project Manager/Administrateur de Projets
HMK/S

Architectural and Engineering Resources Manager/
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Client/client

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**MAIN FLOOR PLAN EAST
 VENTILATION SUPPLY**

Project No./No. du projet

30/2015

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M4.3

Revision no./ La Révision no.

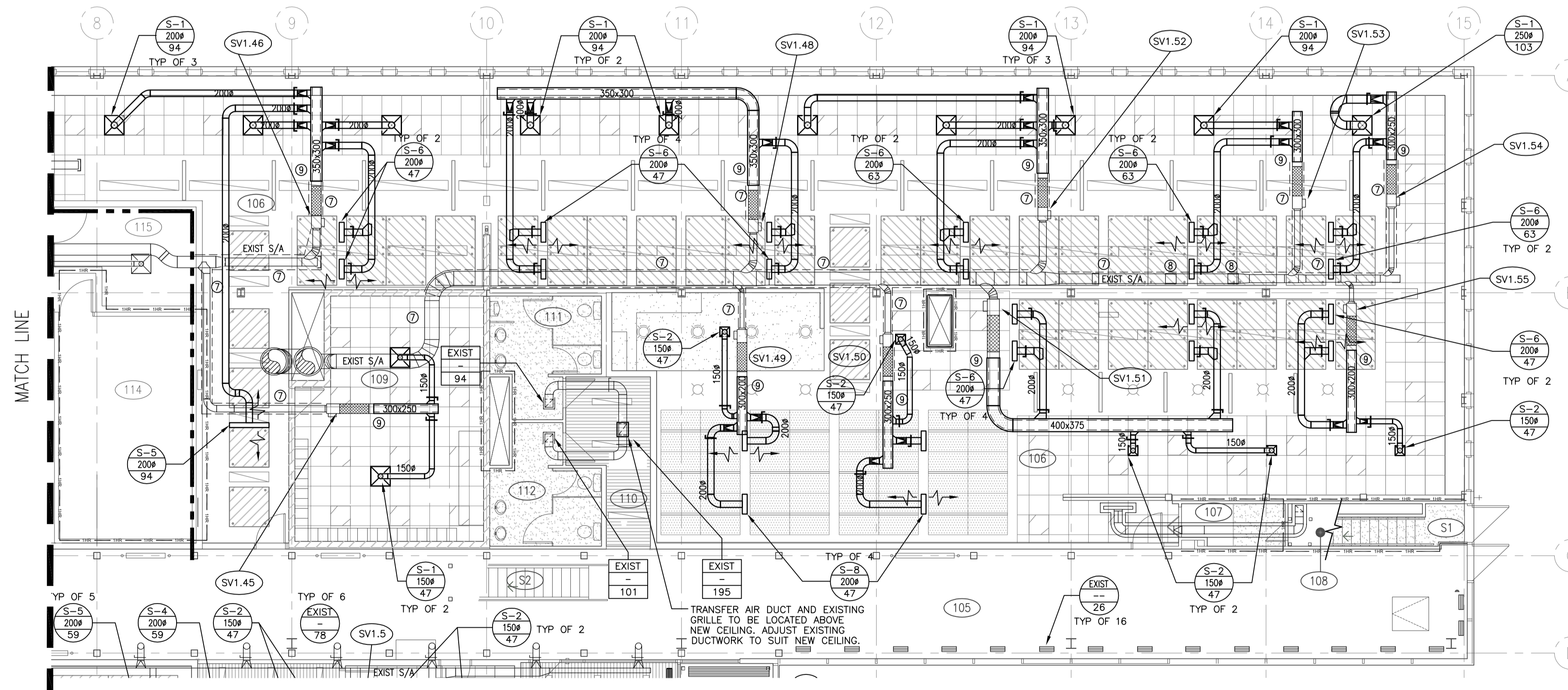
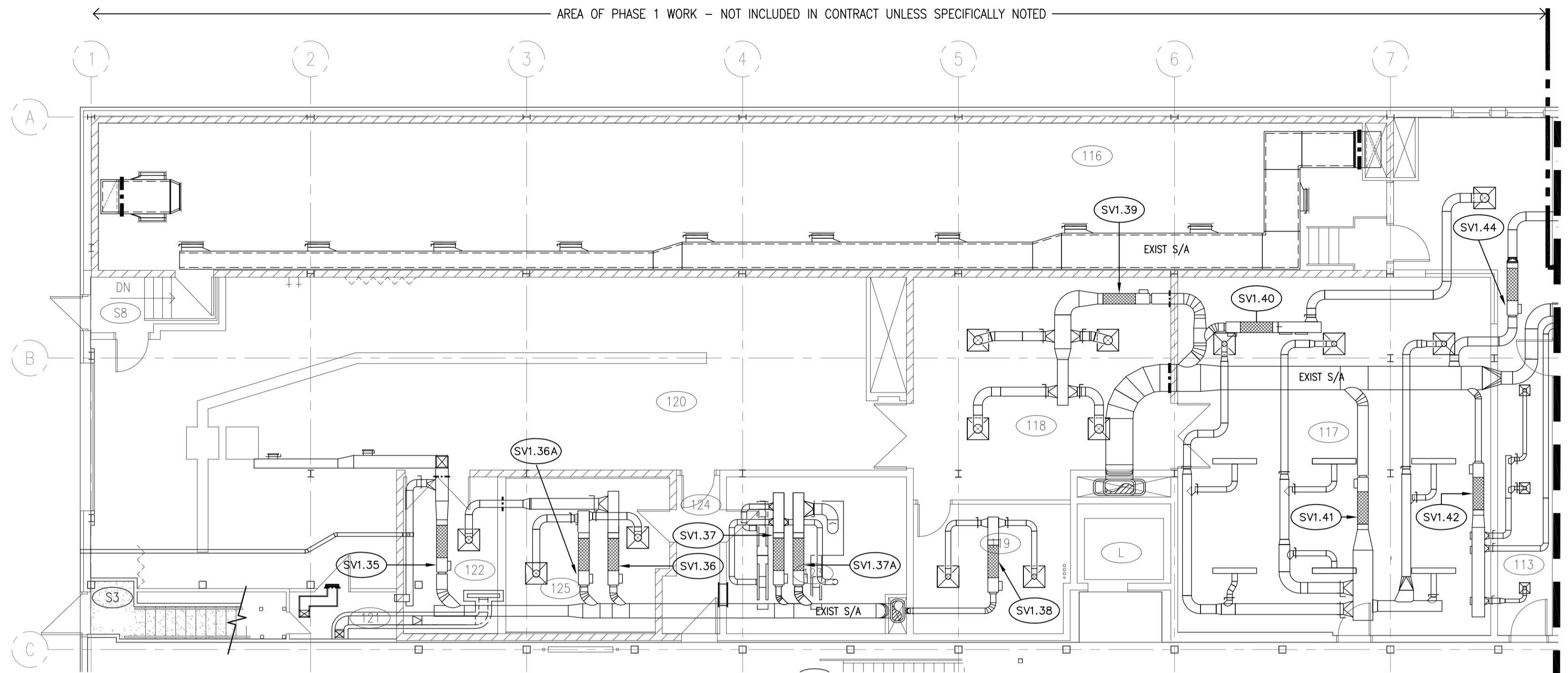
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VENTILATION GENERAL NOTES

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- PROVIDE ACCESS DOORS FOR ACCESS TO ALL MOTORIZED DAMPERS, FIRE DAMPERS, HUMIDIFIERS AND CONTROL DEVICES, AND TO FACILITATE DUCT CLEANING.
- COORDINATE ALL WORK WITH OTHER TRADES.
- RUN DUCTS AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCE.
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KEYNOTES

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1 MAIN FLOOR PLAN WEST
M4.4 1:100

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**MAIN FLOOR PLAN WEST
 VENTILATION SUPPLY**

Project No./No. du projet

30/2015

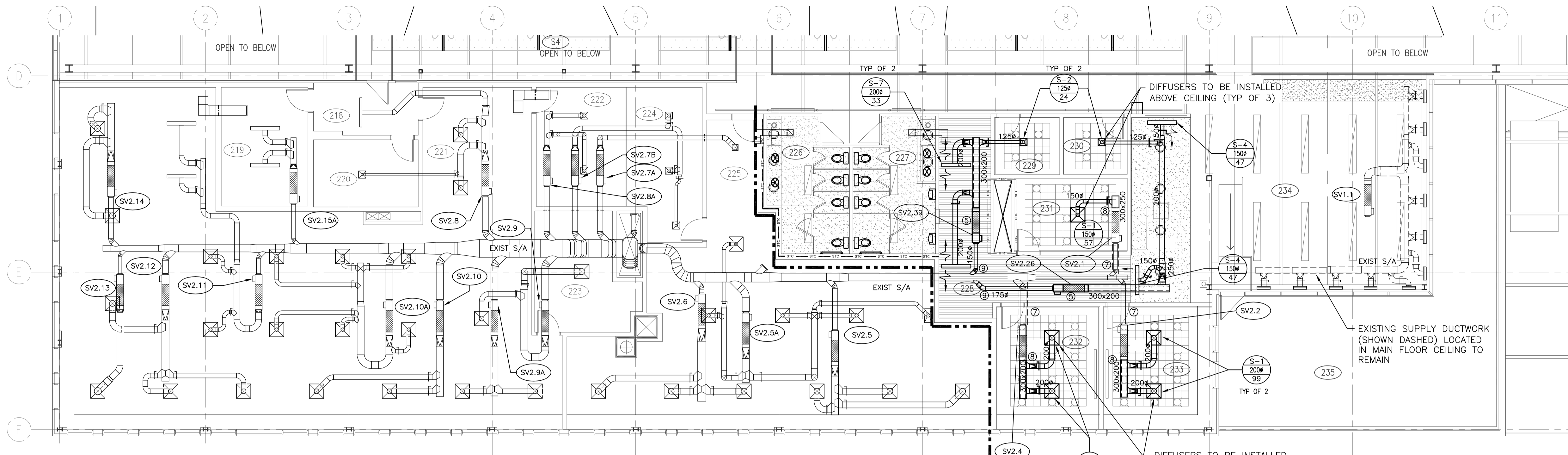
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Revision no./
 La Révision no.

0





1 SECOND FLOOR PLAN EAST
M4.5 1:100
NORTH

← AREA OF PHASE 1 WORK - NOT INCLUDED IN CONTRACT UNLESS SPECIFICALLY NOTED →

Supply Air Terminal Unit Schedule

Tag	Size (mm)	Location (room #)	Serves (room #)	Airflow (L/s)			Flow Control	Reheat coil	Associated Equipment	Control Sequence	Notes
				Unocc.	Min	Max					
SUPPLY VALVES - SECOND FLOOR											
SV2.1	150	231	231	0	23	57	VAV	RHC2.01	EV2.17	A	2, 3
SV2.2	150	205	205	0	79	198	VAV	RHC2.02	EV2.2	A	2, 3
SV2.4	300	204	204	0	143	176	VAV	RHC2.04	EV2.4	A	2, 3
SV2.5	250	225	225	36	96	240	EXIST	RHC2.05	EXIST	EXIST	4
SV2.5A	200	225	225	55	147	366	EXIST	RHC2.05A	EXIST	EXIST	4
SV2.6	250	225	225	54	144	360	EXIST	RHC2.06	EXIST	EXIST	4
SV2.7A	250	225	225	13	35	86	EXIST	RHC2.07A	EXIST	EXIST	4
SV2.7B	250	222	224	18	48	120	EXIST	RHC2.07B	EXIST	EXIST	4
SV2.8	300	221	218, 220, 220	36	94	234	EXIST	RHC2.08	EXIST	EXIST	4
SV2.8A	250	222	222	15	38	95	EXIST	RHC2.08A	EXIST	EXIST	4
SV2.9	350	223	221, 223	25	66	165	EXIST	RHC2.09	EXIST	EXIST	4
SV2.9A	350	221	221	31	82	204	EXIST	RHC2.09A	EXIST	EXIST	4
SV2.10	400	221	221	31	82	204	EXIST	RHC2.10	EXIST	EXIST	4
SV2.10A	350	221	221	43	113	282	EXIST	RHC2.10A	EXIST	EXIST	4
SV2.11	175	221	221	29	76	188	EXIST	RHC2.11	EXIST	EXIST	4
SV2.14	200	221	221	36	96	240	EXIST	RHC2.14	EXIST	EXIST	4
SV2.15A	175	219	219	21	56	140	EXIST	RHC2.15A	EXIST	EXIST	4
SV2.16	250	214	214	119	190	474	VAV	RHC2.16	EV2.44	C	2, 3
SV2.16A	175	214	214	47	75	188	VAV	RHC2.16A	EV2.44	C	2, 3
SV2.17	150	214	216	0	19	47	VAV	RHC2.17	EV2.44	C	2, 3
SV2.18	125	214	214	0	28	71	VAV	RHC2.18	EV2.44	C	2, 3
SV2.19	175	214	214	0	28	71	VAV	RHC2.19	EV2.44	C	2, 3
SV2.20	300	214	214	141	226	564	VAV	RHC2.20	EV2.44	C	2, 3
SV2.20A	225	214	214	38	38	94	VAV	RHC2.20A	EV2.44	C	2, 3
SV2.21	125	214	215	13	30	33	VAV	RHC2.21	EV2.18	B	2, 3
SV2.22	150	217	217	19	19	47	VAV	RHC2.22	EV2.17	B	2, 3
SV2.23	350	214	212	207	207	260	VAV	RHC2.23	EV2.21A	B	2, 3
SV2.24	300	214	214	104	170	424	VAV	RHC2.24	EV2.44	C	2, 3
SV2.24A	175							RHC2.24A	n/a	n/a	1
SV2.25	300							RHC2.25	n/a	n/a	1

Supply Air Terminal Unit Schedule

Tag	Size (mm)	Location (room #)	Serves (room #)	Airflow (L/s)			Flow Control	Reheat coil	Associated Equipment	Control Sequence	Notes
				Unocc.	Min	Max					
SUPPLY VALVES - SECOND FLOOR											
SV2.26	175	228	228, 230, 234	47	47	118	VAV	RHC2.26	EV2.14	A	2, 3
SV2.27	100	208	208, 210	24	24	47	VAV	RHC2.27	EV2.26	A	2, 3
SV2.28	125	208	209	0	24	24	VAV	RHC2.28	EV2.27	A	2, 3
SV2.29	350	208	208	153	244	610	VAV	RHC2.29	EV2.28	C	2, 3
SV2.30	300								n/a	n/a	1
SV2.31	200	207	207	77	123	307	VAV	RHC2.31	EV2.31	C	2, 3
SV2.32	175	207	207	0	19	47	VAV	RHC2.32	EV2.31	C	2, 3
SV2.33	300	205	205	26	42	104	VAV	RHC2.33	EV2.34A	A	2, 3
SV2.34	350	206	206	71	113	283	VAV	RHC2.34	EV2.24A	C	2, 3
SV2.34A	350	211	211	94	150	376	VAV	RHC2.34A	EV2.28A	B	2, 3
SV2.35	150	204	204	30	47	118	VAV	RHC2.35	EV2.36	A	2, 3
SV2.36	350	203	203	108	173	432	VAV	RHC2.36	EV2.45	C	2, 3
SV2.37	150	203	202	0	23	57	VAV	RHC2.37	EV2.45	A	2, 3
SV2.38	300	203	203	88	141	353	VAV	RHC2.38	EV2.37	C	2, 3
SV2.39	150	228	228, 229	23	36	90	VAV	RHC2.39	EV2.13	A	2, 3
SV2.40	250	203	203	120	192	481	VAV	RHC2.40	EV2.45	C	2, 3
SV2.41	225								n/a	n/a	1
SV2.42	350	203	203	432	432	720	EXIST	RHC2.42	EXIST	EXIST	4
SV2.43	250	211	201	216	216	360	EXIST	RHC2.43	EXIST	EXIST	2
SV2.44	350	204	201	594	594	990	EXIST	RHC2.44	EXIST	EXIST	2

- Refer to Specification Section 25 90 01 for corresponding zone control sequence
- 1 Demolish VAV box and revise controls graphics and sequences to suit.
 - 2 Revise thermostat location to new location indicated and revise control graphics.
 - 3 Rebalance existing VAV box, commission new VAV box sequence and revise control graphics.
 - 4 Reuse existing thermostat in current location.

KEYNOTES

- 1 DUCT PENETRATING SECURE WALL TO BE COMPLETE WITH SECURITY BARS, REFER TO APPROPRIATE DETAIL.
- 2 DUCT RISING WITHIN SHAFT TO SECURE SPACE AT FLOOR, REFER TO APPROPRIATE DETAIL.
- 3 EXISTING DUCT PENETRATING SECURE WALL TO BE MODIFIED AS REQUIRED TO INSTALL SECURITY BARS, REFER TO APPROPRIATE DETAIL.
- 4 EXISTING DUCT PENETRATING SECURE WALL TO BE MODIFIED AS REQUIRED TO INSTALL SECURITY BARS AND FIRE DAMPER, REFER TO APPROPRIATE DETAIL.
- 5 RELOCATED EXISTING VAV BOX, REFER TO CONTROLS SEQUENCE FOR REVISED OPERATION
- 6 CANVAS WRAP EXISTING EXPOSED DUCTWORK
- 7 REPLACE EXISTING SECTION OF DUCT AND EXTERNALLY INSULATE
- 8 NEW DUCTWORK TO TIE INTO EXISTING SUPPLY VALVE
- 9 NEW HIGH VELOCITY DUCTWORK TO TIE INTO EXISTING MAIN

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Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par
TKC

Drawn by/Dessine par
JDL

Project Manager/Administrateur de Projets
HMKS

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

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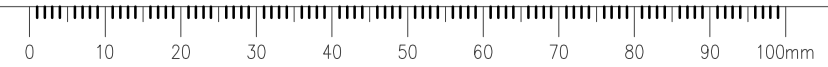
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**SECOND FLOOR PLAN EAST
VENTILATION SUPPLY**

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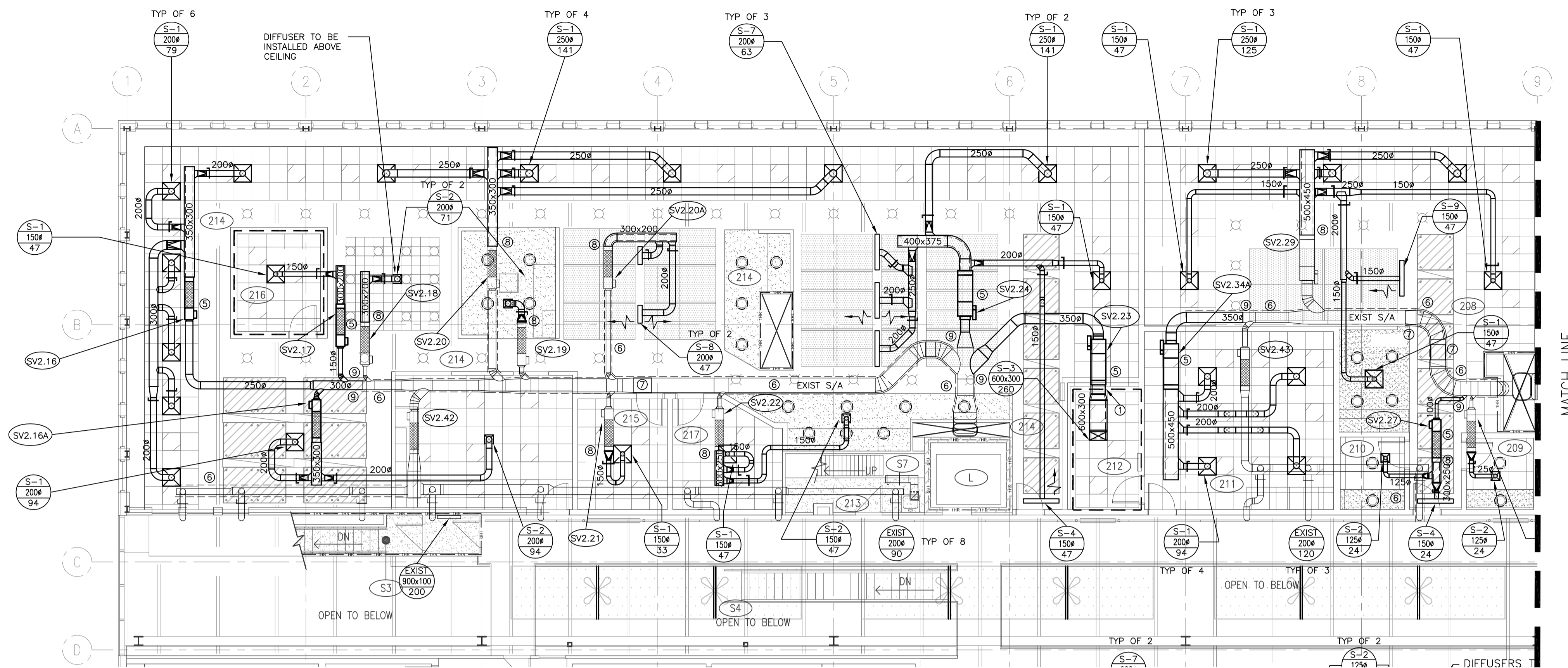
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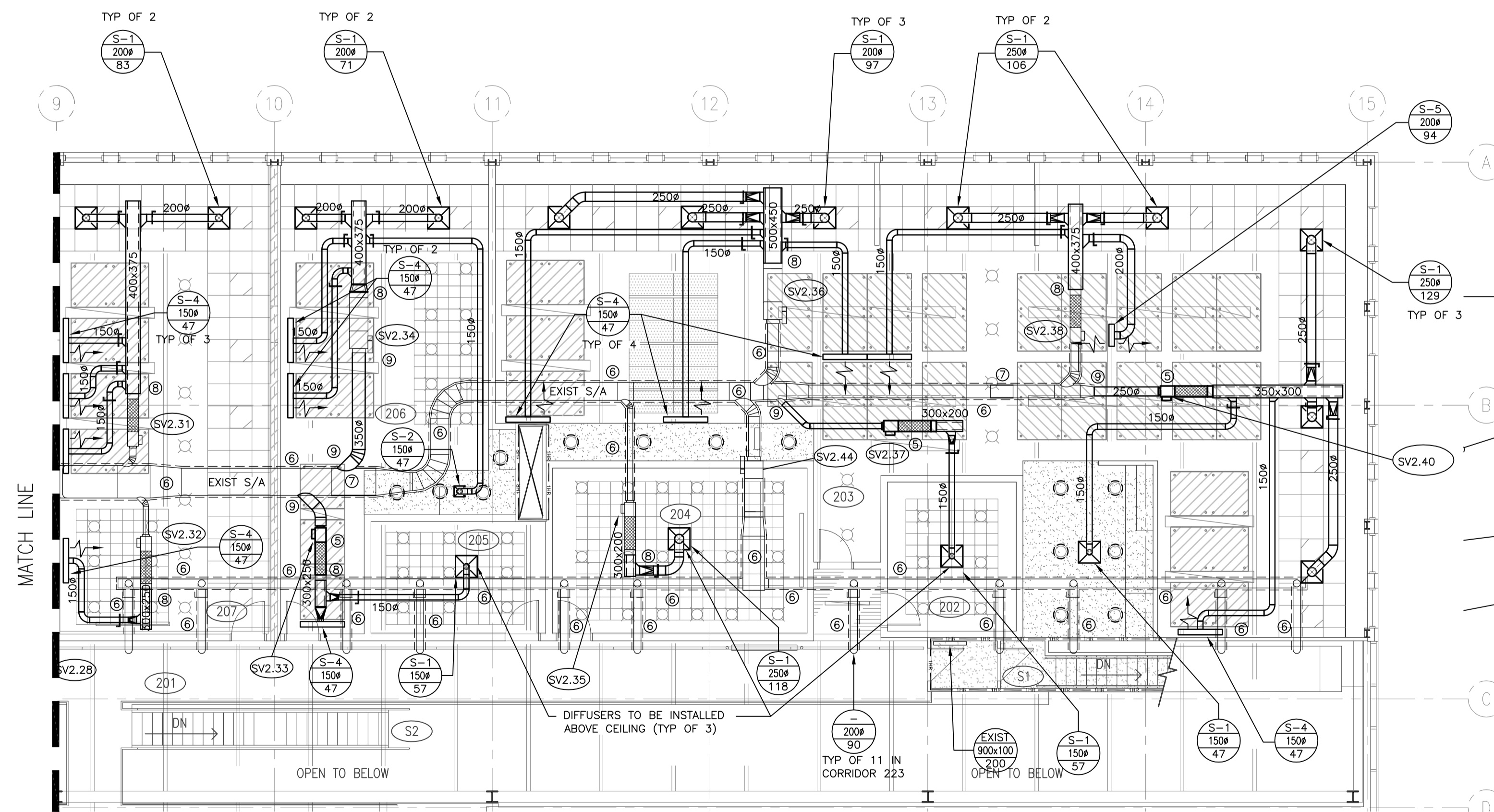
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Drawn by/Dessine par

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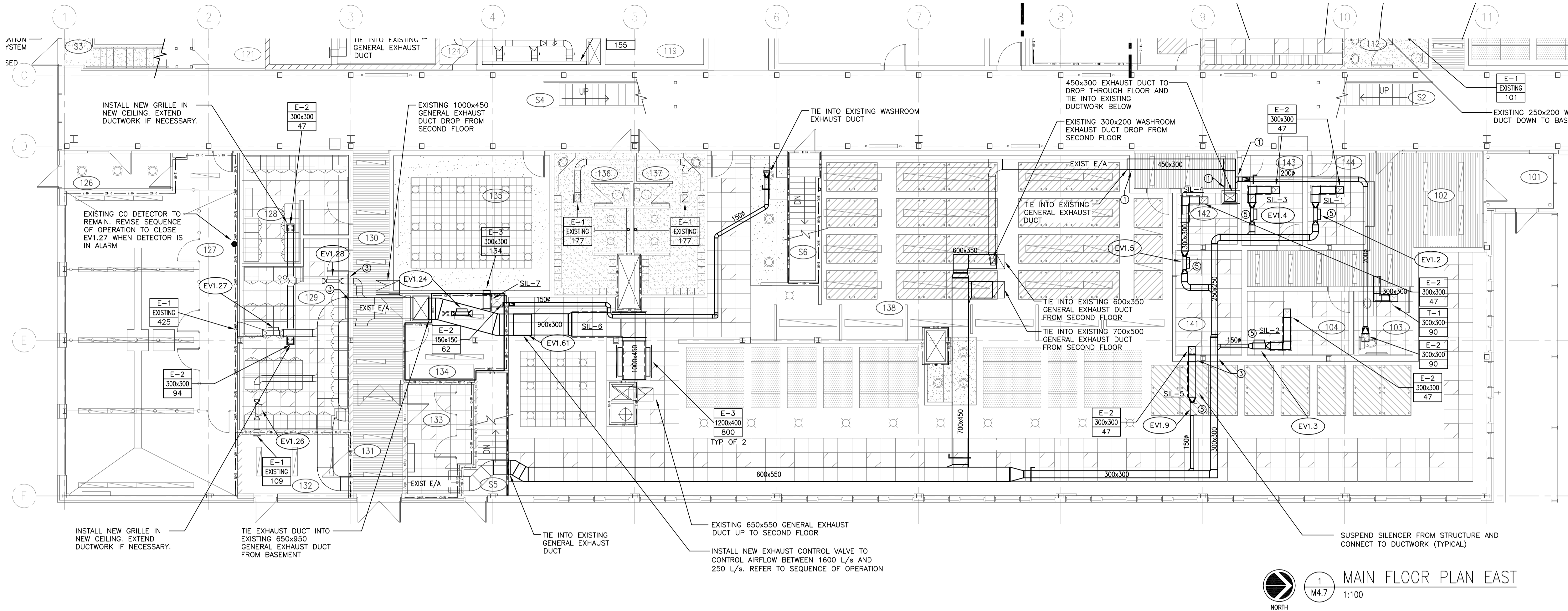
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 VENTILATION SUPPLY**

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1 MAIN FLOOR PLAN EAST
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Laboratory Space Terminal Unit Schedule										
LABORATORY - ROOM 123								Control Sequence		D
Mn. Unocc. Airflow	209	Mn. Occ. Airflow	209	Room Airflow Offset				-258		
Air Valve/Hood	Location	Unocc.	Min	Max	Valve Control	Reheat Coil	Interlocked Equipment			
SVI.37	123	63	63	63	CAV	RHCL37				
SVI.37A	123	146	146	146	CAV	RHCL37A				
EVI.33 To be removed from service										
Canopy	123	155	99	155	VAV					
EVI.34	124	0	0	56	CP		EF-34, Bench Exhaust x-38			
H-5	123	256	256	256			EF-5, fume hood operates 24/7			

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Exhaust Valve Terminal Unit Schedule										
Tag	Size (mm)	Location (room#)	Serves (room#)	Unocc.	Min	Max	Flow Control	Associated Equipment	Control Sequence	Notes
EXHAUST VALVES - MAIN FLOOR										
EVI.1	125								n/a	2
EVI.2	225	144	144	7	19	47	VAV	SVI.4	B	1
EVI.3	250	104	104	7	19	47	VAV	SVI.3	A	1
EVI.4	150	143	143	7	19	47	VAV	SVI.5	A	1
EVI.5	175	141	142	7	19	48	VAV	SVI.6	A	1
EVI.6	175								n/a	2
EVI.7	175								n/a	2
EVI.8	175								n/a	2
EVI.9	175	138	141	7	19	48	VAV	SVI.8	B	1
EVI.10	150								n/a	2
EVI.11	175								n/a	2
EVI.12	125								n/a	2
EVI.13	200								n/a	2
EVI.15	175								n/a	2
EVI.16	200								n/a	2
EVI.17	300								n/a	2
EVI.18	225								n/a	2
EVI.19	175								n/a	2
EVI.20	225								n/a	2
EVI.21a	175								n/a	2
EVI.22	100								n/a	2
EVI.23	150								n/a	2
EVI.24	150	135	135	20	54	134	VAV	SVI.25	A	1
EVI.25									n/a	2
EVI.26	150	129	132	EXIST	109	109	CAV	SVI.30	EXIST	n/a
EVI.27	250	129	142	EXIST	425	425	CAV	n/a	EXIST	n/a
EVI.28	200	129	128, 129	118	118	118	CAV	SVI.31, SVI.32	B	1
EVI.30	300								n/a	2
EVI.31	225	122	125	18	48	120	VAV	SVI.36a	EXIST	n/a
EVI.32	125	125	122	9	24	60	CP	SVI.36	EXIST	n/a
EVI.35	175	118	119	15	40	100	CAV	SVI.38	EXIST	n/a
EVI.40	250	117	117	110	294	735	VAV	SVI.41	EXIST	n/a

Exhaust Valve Terminal Unit Schedule										
Tag	Size (mm)	Location (room#)	Serves (room#)	Unocc.	Min	Max	Flow Control	Associated Equipment	Control Sequence	Notes
EXHAUST VALVES - MAIN FLOOR										
EVI.45	225	109	109	14	38	94	VAV	SVI.45	B	1
EVI.46	250								n/a	2
EVI.47	175								n/a	2
EVI.48	250								n/a	2
EVI.49	175								n/a	2
EVI.50	175								n/a	2
EVI.51	125								n/a	2
EVI.52	250								n/a	2
EVI.53	175								n/a	2
EVI.54	175								n/a	2
EVI.55	175								n/a	2
EVI.56	150								n/a	2
EVI.57	125								n/a	2
EVI.58	150								n/a	2
EVI.59	150								n/a	2
EVI.61	300x900	138	138	240	640	1600	VAV	SVI.7, SVI.9, SVI.11, SVI.12, SVI.14, SVI.15, SVI.20, SVI.21, SVI.22, SVI.23	C	3
EVI.62	350	109	106	126	336	840	VAV	SVI.46, SVI.48	C	3
EVI.63	350	106	106	113	300	750	VAV	SVI.49, SVI.50, SVI.51, SVI.55	C	3
EVI.64	350	106	106	98	260	650	VAV	SVI.52, SVI.53, SVI.54	C	3

Refer to Specification Section 25 90 01 for corresponding zone control sequence

- Rebalance existing air valve and commission new sequence with associated supply valve.
- Demolish existing air valve and revise controls graphics and sequences to suit.
- Install new air valve, revise graphics and sequences as specified.

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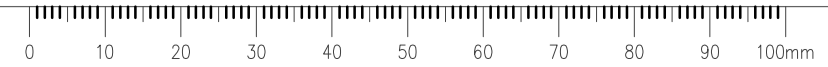
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**MAIN FLOOR PLAN EAST
 VENTILATION - EXHAUST**

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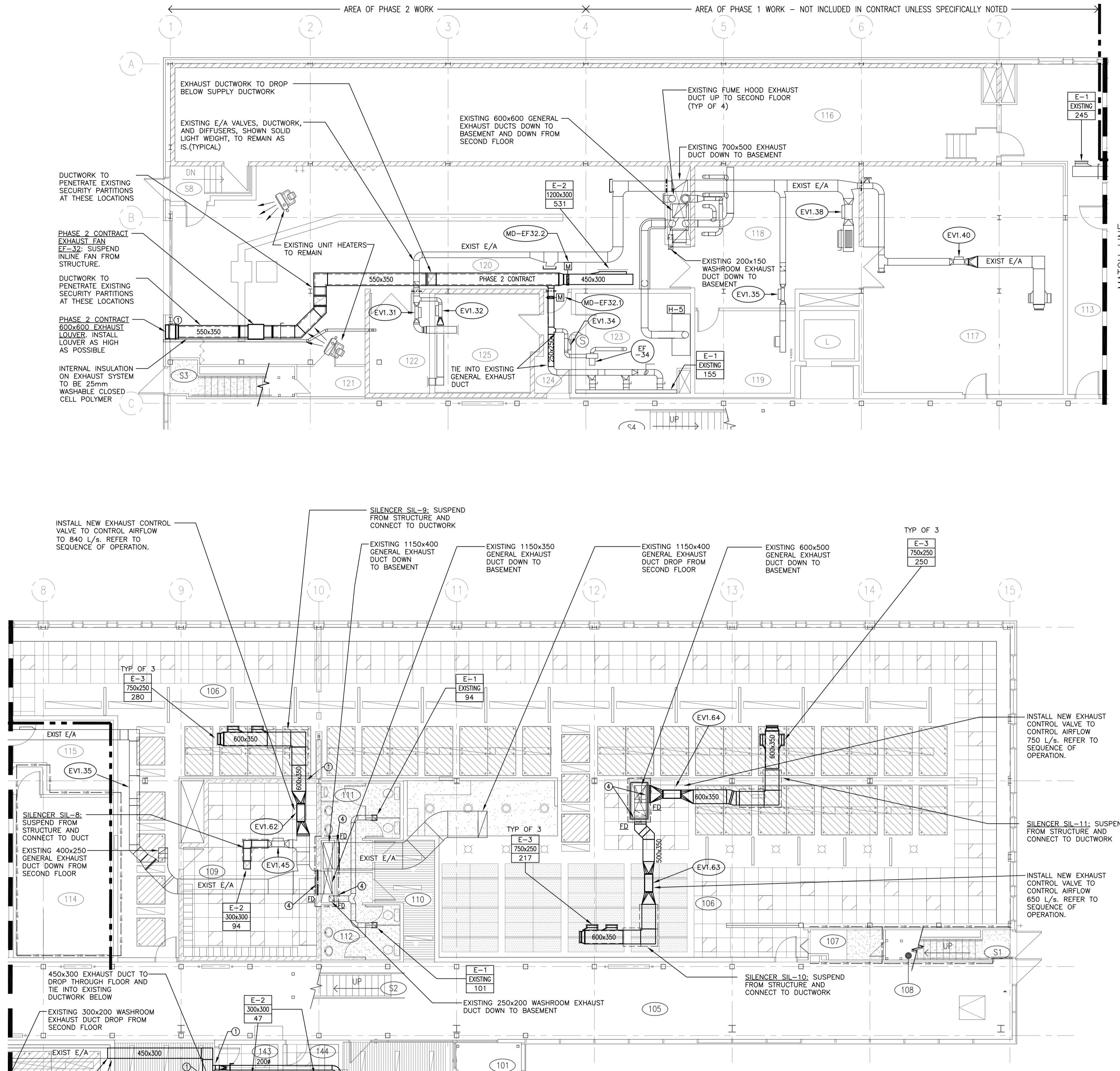


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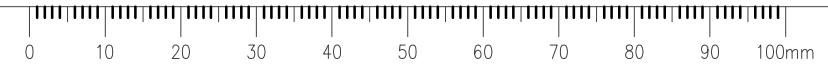
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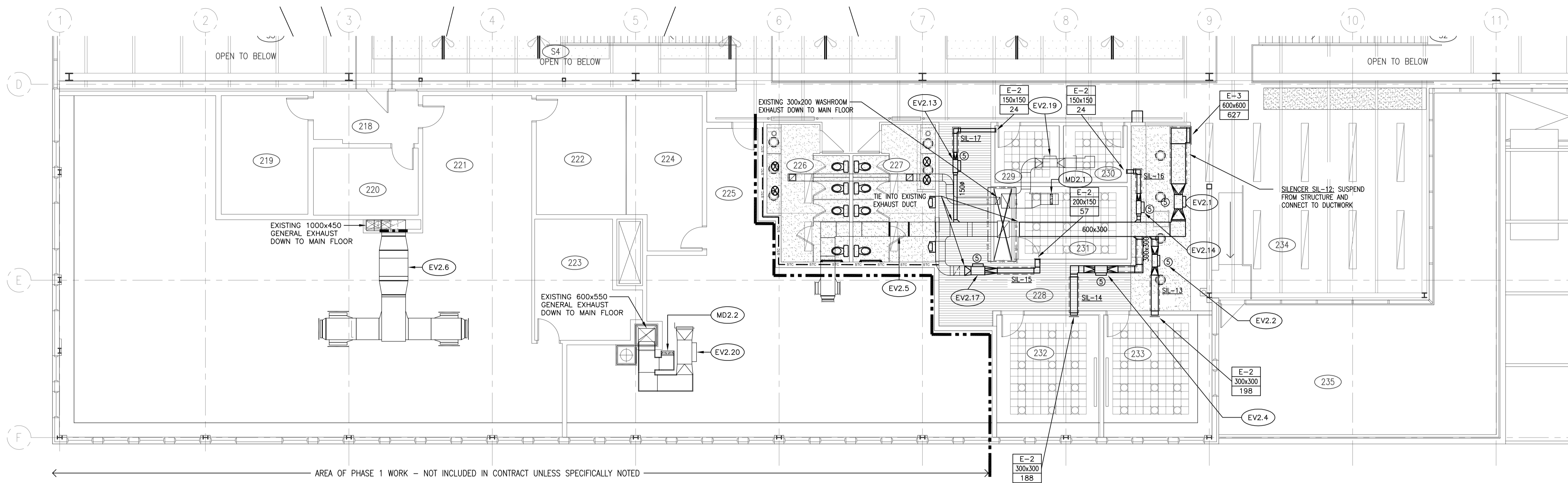
**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

Approved by/Approve par
Designed by/Concept par
TKC
Drawn by/Dessine par
JDL
Project Manager/Administrateur de Projets
HM/KS
Architectural and Engineering Resources Manager/
Ressources Architecturales et de Directeur d'ingénierie
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**MAIN FLOOR PLAN WEST
VENTILATION - EXHAUST**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M4.8	0





AREA OF PHASE 1 WORK - NOT INCLUDED IN CONTRACT UNLESS SPECIFICALLY NOTED

1 SECOND FLOOR PLAN EAST
M4.9 1:100
NORTH

KEYNOTES

- ① DUCT PENETRATING SECURE WALL TO BE COMPLETE WITH SECURITY BARS, REFER TO APPROPRIATE DETAIL.
- ② DUCT RISING WITHIN SHAFT TO SECURE SPACE TO BE COMPLETE WITH SECURITY BARS AT FLOOR, REFER TO APPROPRIATE DETAIL.
- ③ EXISTING DUCT PENETRATING SECURE WALL TO BE MODIFIED AS REQUIRED TO INSTALL SECURITY BARS, REFER TO APPROPRIATE DETAIL.
- ④ EXISTING DUCT PENETRATING SECURE WALL TO BE MODIFIED AS REQUIRED TO INSTALL SECURITY BARS AND FIRE DAMPER, REFER TO APPROPRIATE DETAIL.
- ⑤ RELOCATED EXISTING EXHAUST VALVE. REFER TO CONTROLS SEQUENCE FOR REVISED OPERATION
- ⑥ EXHAUST DUCTWORK TO TIE INTO EXISTING EXHAUST VALVE

VENTILATION GENERAL NOTES

- ALL SUPPLY DUCTWORK SHOWN DOUBLE LINE INSIDE PERIMETER OF DUCT IS TO BE COMPLETE WITH 25mm INTERNAL INSULATION. ALL OTHER SUPPLY DUCTWORK IS TO BE C/W EXTERNAL INSULATION IN ACCORDANCE WITH SPECIFICATIONS. SIZES INCLUDE INTERNAL INSULATION WHERE APPLICABLE.
- ALL FITTINGS ON INTERNALLY INSULATED DUCTWORK ARE TO BE C/W INTERNAL INSULATION. ALL OTHERS ARE TO BE EXTERNALLY INSULATED.
- UNLESS NOTED OTHERWISE ALL RETURN/EXHAUST DUCTWORK DOES NOT REQUIRE EXTERNAL INSULATION
- ALL SUPPLY AIR AND EXHAUST AIR BRANCH DUCTS TO GRILLES AND DIFFUSERS ARE TO BE C/W BALANCE DAMPERS IN BRANCH DUCT NEAR MAIN, UNLESS BALANCE DAMPERS ARE PROVIDED IN GRILLE OR DIFFUSER.
- CONDUCT PRE-INSTALLATION MEETING FOR COORDINATION OF CEILINGS, MECHANICAL AND ELECTRICAL COMPONENTS WITH DEPARTMENTAL REPRESENTATIVE
- ALL RADIUS ELBOWS TO BE WITH CENTERLINE RADIUS OF 1.5 TIMES DUCT DIAMETER (ROUND DUCTS) OR DUCT WIDTH (RECTANGULAR). ALL MITERED ELBOWS TO BE COMPLETE WITH AIRFOIL TURNING VANES. ALL RECTANGULAR BRANCHES TO BE WITH RADIUS ON BRANCH 1.5 TIMES WIDTH OF DUCT. ALL ROUND BRANCHES TO ENTER MAIN DUCT AT 45 DEGREES WITH CONICAL CONNECTION.
- PROVIDE ACCESS DOORS FOR ACCESS TO ALL MOTORIZED DAMPERS, FIRE DAMPERS, HUMIDIFIERS AND CONTROL DEVICES, AND TO FACILITATE DUCT CLEANING.
- COORDINATE ALL WORK WITH OTHER TRADES.
- RUN DUCTS AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCE.
- BALANCE VARIABLE AIR VOLUME EXHAUST BOXES TO ENSURE 10% POSITIVE SUPPLY AIR FLOW IN SPACES SERVED (TYPICAL OF ALL SPACES).

Exhaust Valve Terminal Unit Schedule

Tag	Size (mm)	Location (room #)	Serves (room #)	Airflow (L/s)		Flow Control	Associated Equipment	Control Sequence	Notes	
				Unocc.	Max					
EXHAUST VALVES - SECOND FLOOR										
EV2.1	300	234	234	0	627	627	CAV	SV1.1	B 1	
EV2.2	225	233	233	30	79	198	VAV	SV2.2	A 1	
EV2.4	125	232	232	28	75	188	VAV	SV2.4	A 1	
EV2.5	250	227	225	100	100	800	VAV	EXIST	EXIST n/a	
EV2.6	300	221	221	400	400	2100	VAV	EXIST	EXIST n/a	
EV2.12	350			To be removed from service						n/a 2
EV2.13	175	229	229	0	24	24	CAV	SV2.13	A 1	
EV2.14	150	230	230	0	24	24	CAV	SV2.26	A 1	
EV2.16	300			To be removed from service						n/a 2
EV2.16A	225			To be removed from service						n/a 2
EV2.17	175	228	231	0	57	57	CAV	SV2.1	A 1	
EV2.18	175	214	214	0	24	31	CAV	SV2.21	C 1	
EV2.19	300	229	201	EXIST	387	637	VAV	SV2.42, SV2.43, SV2.44, EV2.19, EV2.20, MD2.1, MD2.2	EXIST n/a	
EV2.20	400	225	201	EXIST	550	1038	VAV	SV2.42, SV2.43, SV2.44, EV2.19, EV2.20, MD2.1, MD2.2	EXIST n/a	
EV2.21a	175	214	212	260	260	260	CAV	SV2.23	B 1	
EV2.22	350			To be removed from service						n/a 2
EV2.24	175			To be removed from service						n/a 2
EV2.24a	250	206	206	43	115	288	VAV	SV2.34	C 1	
EV2.25	200			To be removed from service						n/a 2
EV2.26	125	210	210	0	24	24	CAV	SV2.27	A 1	
EV2.27	175	209	209	0	24	24	CAV	SV2.28	A 1	
EV2.28	400	208	208	90	240	600	VAV	SV2.29	C 1	
EV2.31	225	207	207	53	142	354	VAV	SV2.31, SV2.32	C 1	
EV2.32	200			To be removed from service						n/a 2
EV2.34	150			To be removed from service						n/a 2
EV2.34a	225	206	205	0	57	57	CAV	SV2.33	C 1	
EV2.35	175			To be removed from service						n/a 2
EV2.36	350	204	204	0	47	118	VAV	SV2.35	A 1	
EV2.37	200	203	202	0	57	57	CAV	SV2.37	A 1	
EV2.38	250	208	211	56	150	376	CAV	SV2.34A	B 1	
EV2.39	175			To be removed from service						n/a 2
EV2.40	250			To be removed from service						n/a 2
EV2.41	250			To be removed from service						n/a 2
EV2.43	125	214	217	0	0	47	VAV	SV2.23	A 1	
EV2.43A	200			To be removed from service						n/a 2
EV2.44	300x900	214	214	288	768	1920	VAV	SV2.16, SV2.16A, SV2.18, SV2.19, SV2.20A, SV2.22, SV2.23, SV2.24	C 3	
EV2.45	300x600	203	203	184	490	1224	VAV	SV2.36, SV2.38, SV2.40	C 3	

Refer to Specification Section 25 90 01 for corresponding zone control sequence
 1 Rebalance existing air valve and commission new sequence with associated supply valve
 2 Demolish existing air valve and revise controls graphics and sequences to suit.
 3 Install new air valve, revise graphics and sequences as specified.

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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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JDL

Project Manager/Administrateur de Projets
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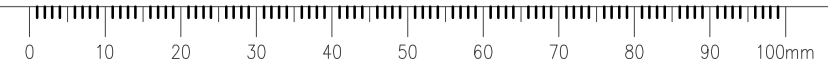
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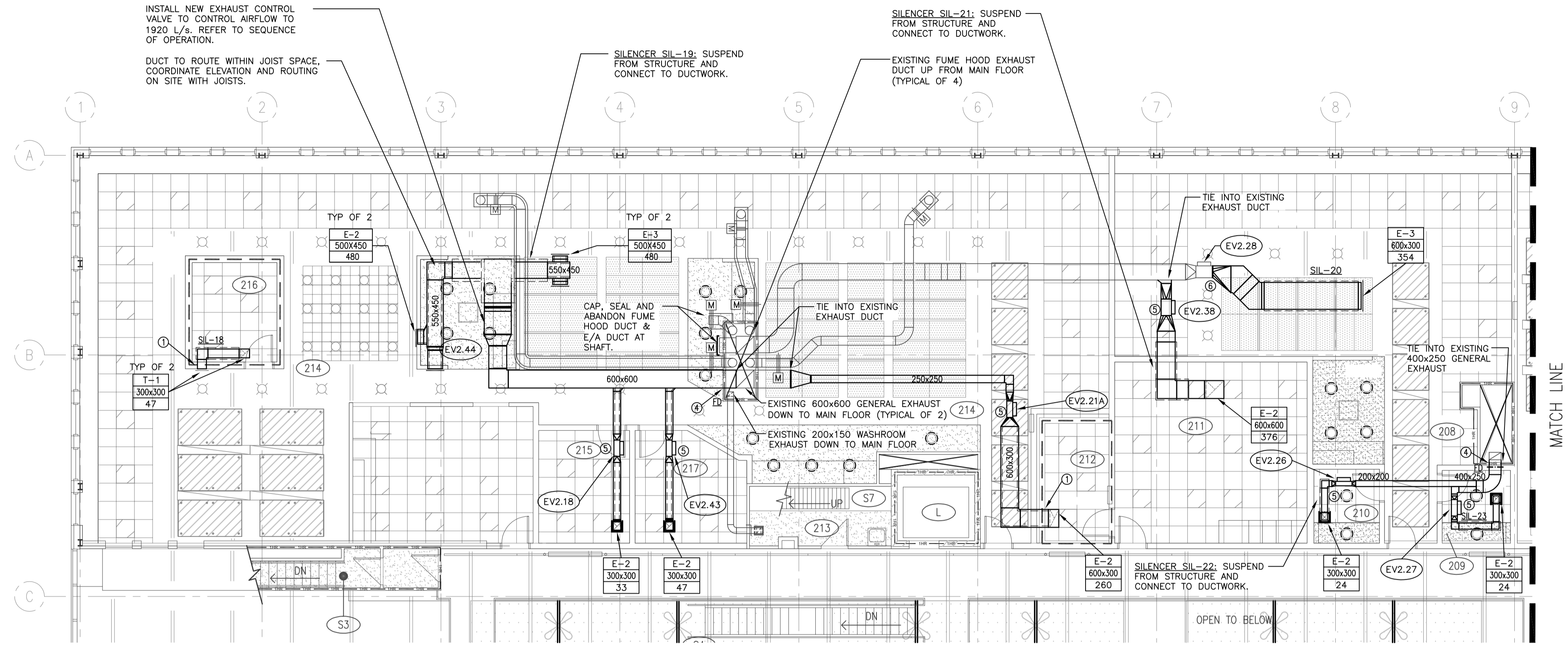
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**SECOND FLOOR PLAN EAST
 VENTILATION EXHAUST**

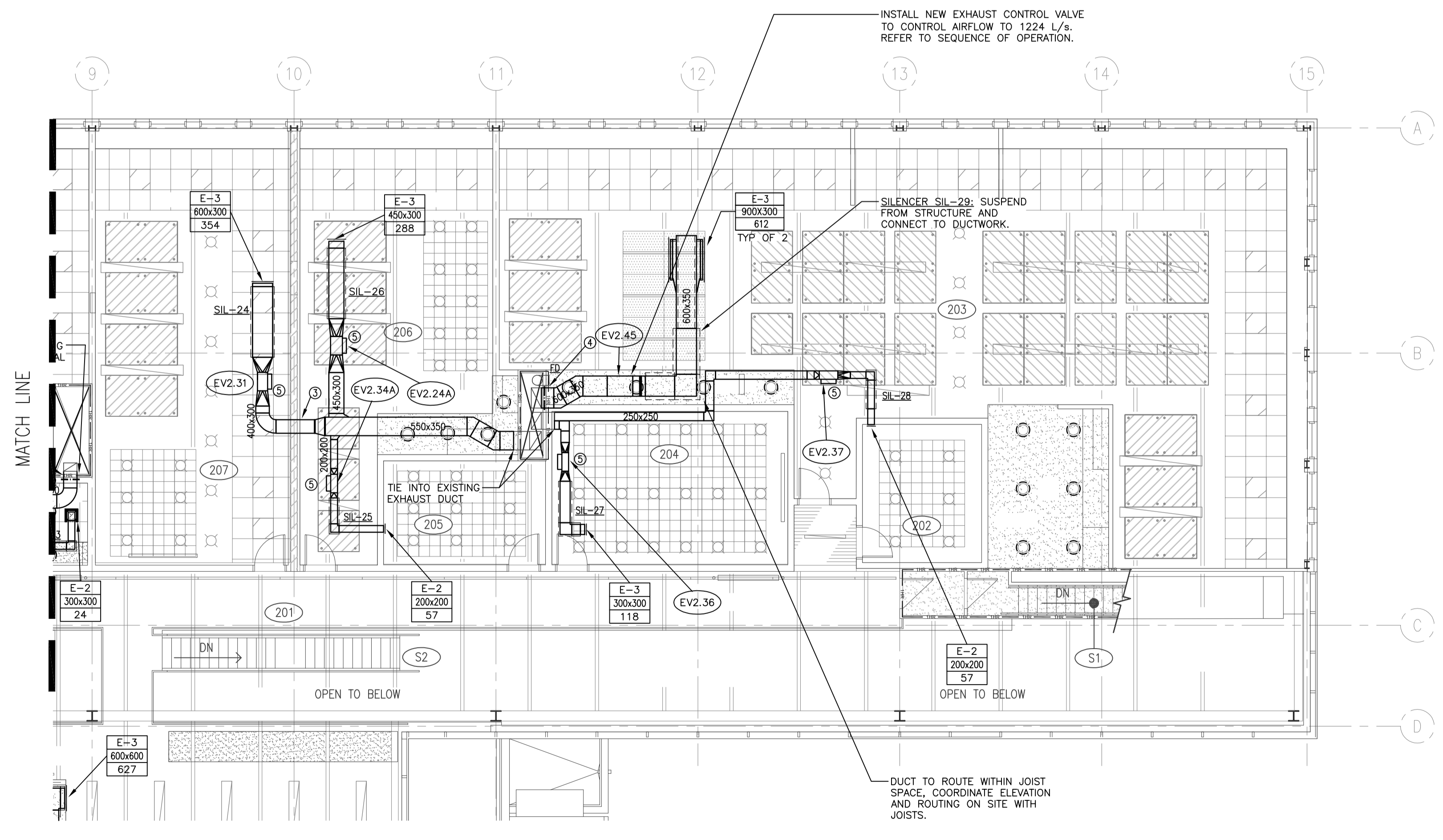
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30/2015	M4.9	0





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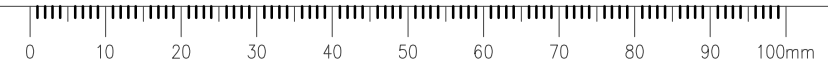
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 REGINA, SASKATCHEWAN**

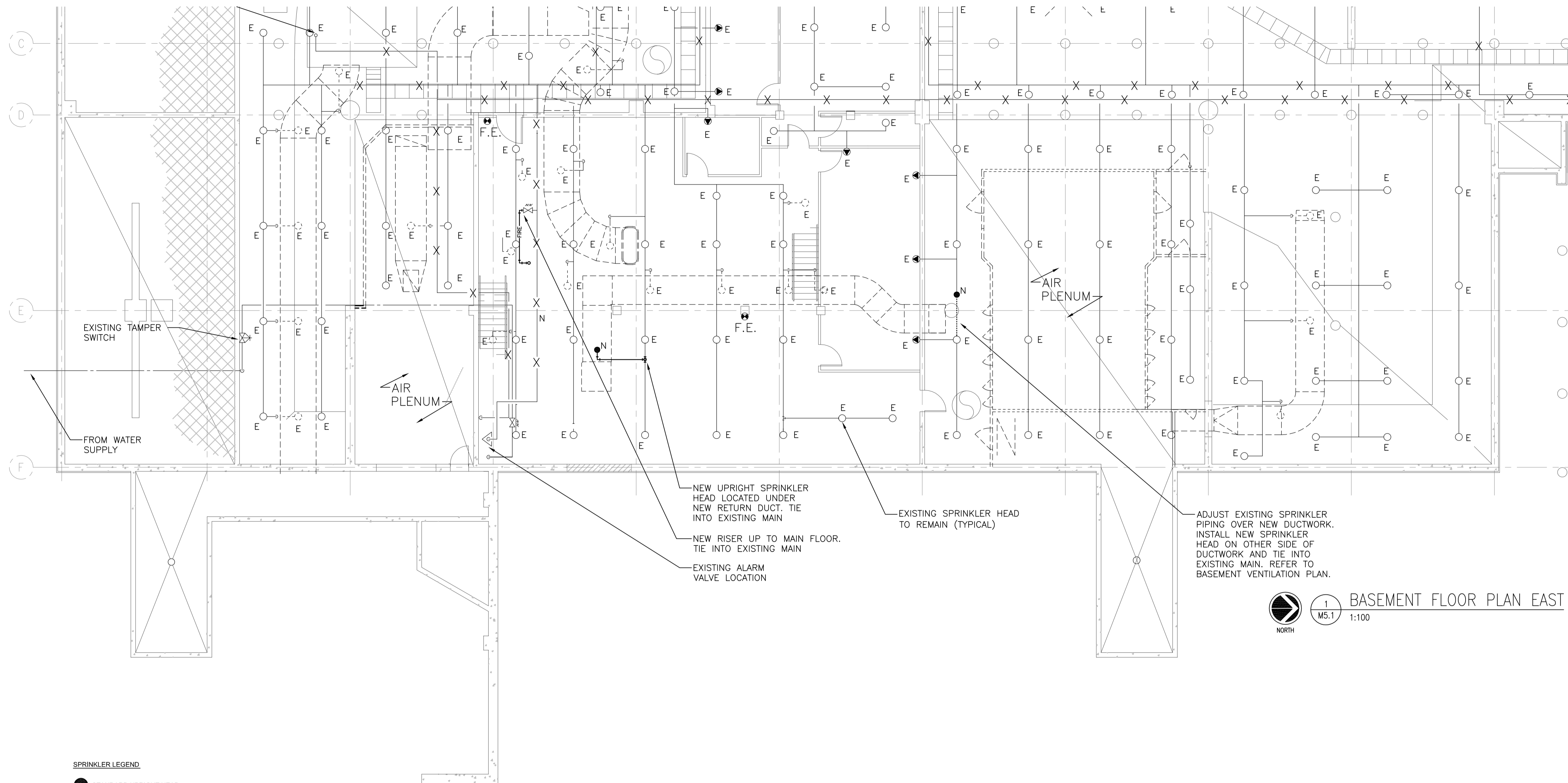
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**SECOND FLOOR PLAN WEST
 VENTILATION EXHAUST**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M4.10	0

SECOND FLOOR PLAN WEST
 1/1.18 1:100





SPRINKLER LEGEND

- STANDARD UPRIGHT HEAD
- E EXISTING SPRINKLER HEAD TO REMAIN AS IS IN EXISTING CEILING GRID
- N NEW SPRINKLER HEAD
- SPRINKLER HEAD TO BE REMOVED ENTIRELY, REMOVE ASSOCIATED PIPING BACK TO MAIN AND CAP AND SEAL AT MAIN.

FIRE PROTECTION NOTES:

- ALL SPRINKLER PIPE TO BE HYDRAULICALLY SIZED, BASE ON FLOW TEST RESULTS IN SPECIFICATION.
- CO-ORDINATE ALL SPRINKLERS AND PIPING WITH OTHER PIPING, STRUCTURAL, LIGHTING, DUCTWORK AND ELECTRICAL.
- ALL HEADS JANITOR'S ROOMS TO BE COMPLETE WITH GUARDS.
- PROVIDE DRAINS AT LOW POINTS IN SYSTEM.
- ALL SPRINKLER HEADS IN T-BAR CEILING ARE TO BE CENTERED IN TILE OR 1/2 TILE UNLESS NOTED OTHERWISE.



1
M5.1 1:100

BASEMENT FLOOR PLAN EAST

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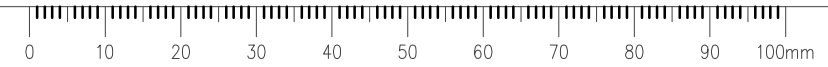
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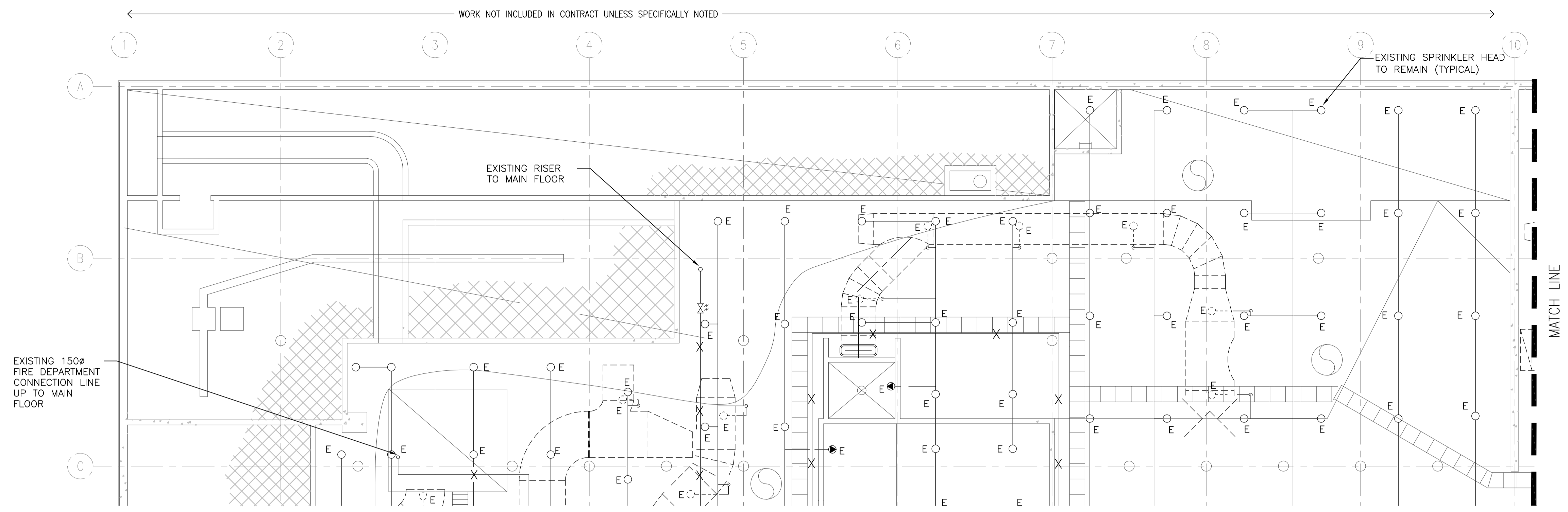
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 REGINA, SASKATCHEWAN**

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**BASEMENT PLAN EAST
 FIRE PROTECTION**

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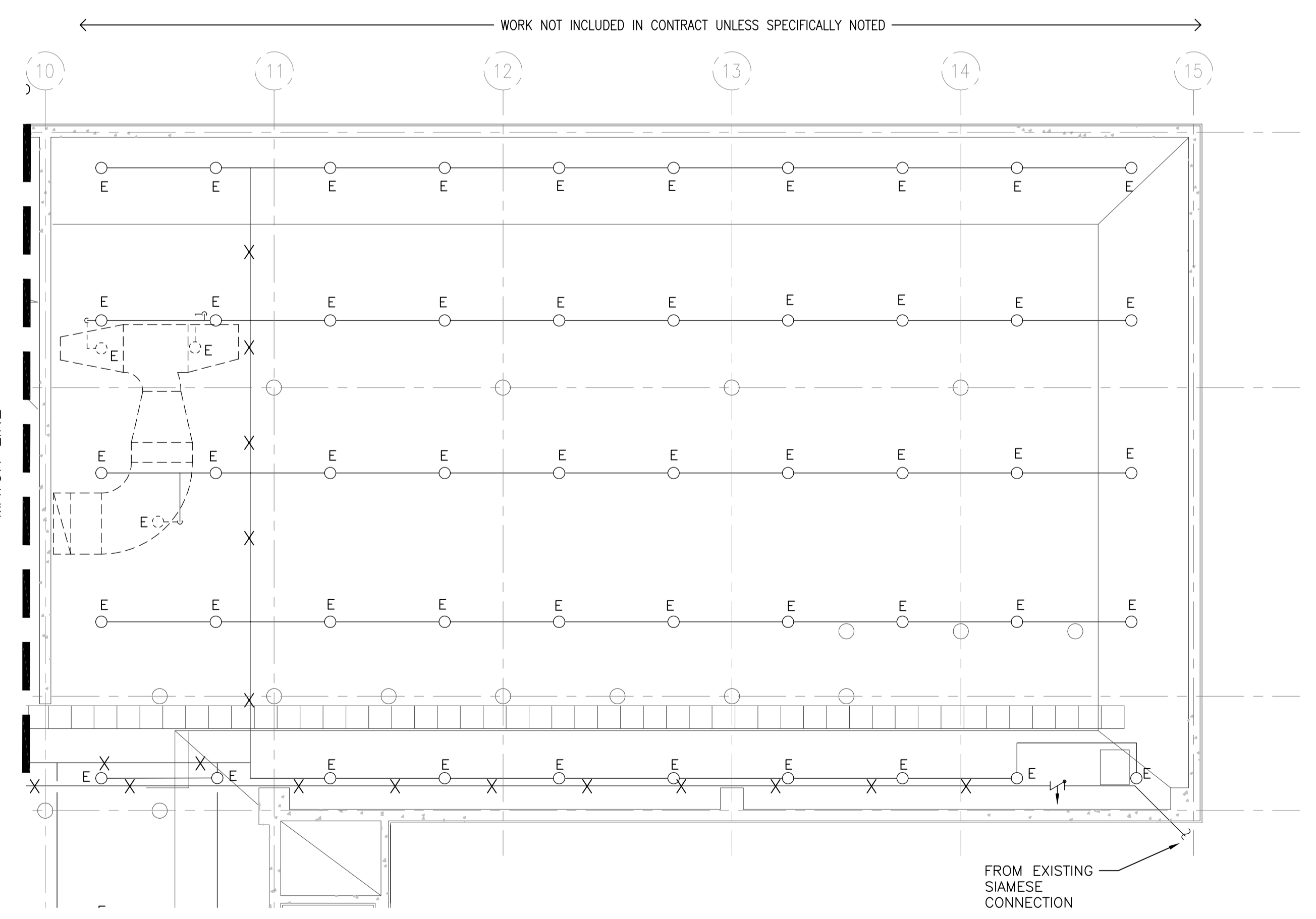


SPRINKLER LEGEND

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 N NEW SPRINKLER HEAD
 D SPRINKLER HEAD TO BE REMOVED ENTIRELY. REMOVE ASSOCIATED PIPING BACK TO MAIN AND CAP AND SEAL AT MAIN.

FIRE PROTECTION NOTES:

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- CO-ORDINATE ALL SPRINKLERS AND PIPING WITH OTHER PIPING, STRUCTURAL, LIGHTING, DUCTWORK AND ELECTRICAL.
- ALL HEADS JANITOR'S ROOMS TO BE COMPLETE WITH GUARDS.
- PROVIDE DRAINS AT LOW POINTS IN SYSTEM.
- ALL SPRINKLER HEADS IN T-BAR CEILINGS ARE TO BE CENTERED IN TILE OR 1/2 TILE UNLESS NOTED OTHERWISE.



BASEMENT FLOOR PLAN WEST
 1 M5.2 1:100

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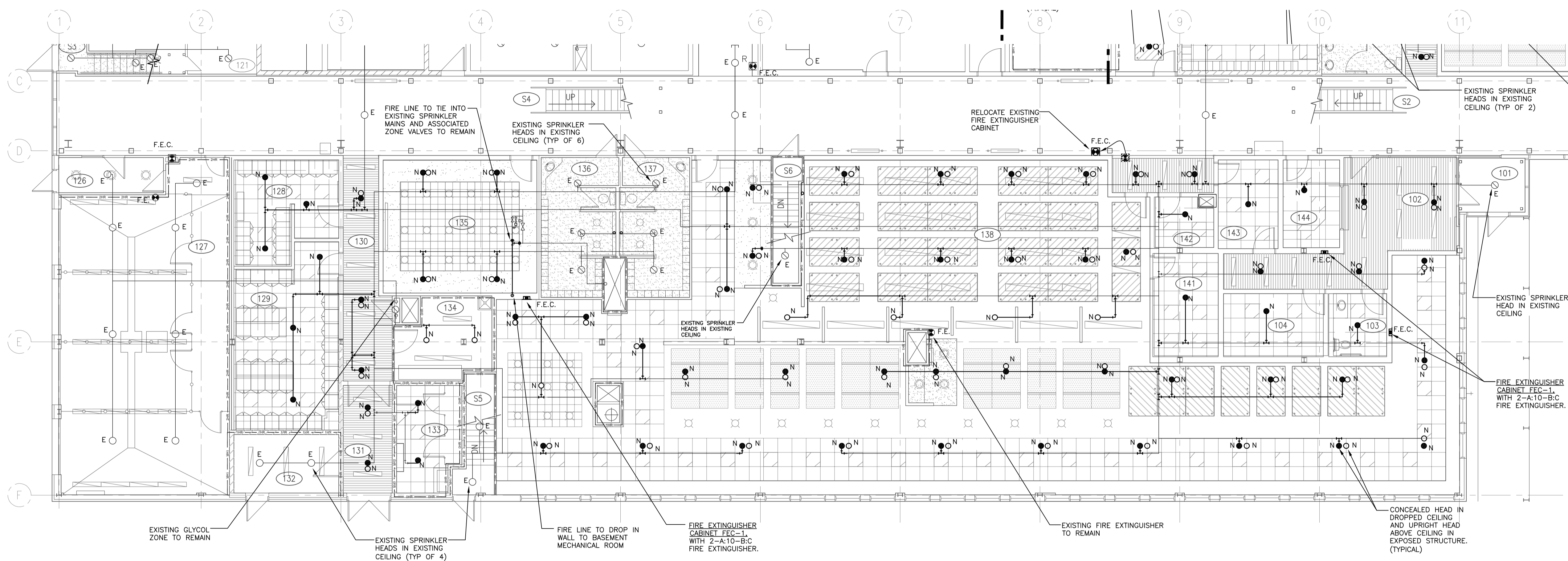
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**BASEMENT PLAN WEST
 FIRE PROTECTION**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M5.2	0





1 MAIN FLOOR PLAN EAST
M5.3 1:100

- SPRINKLER LEGEND**
- STANDARD CHROME PLATED SEMI-RECESSED PENDANT HEAD
 - STANDARD UPRIGHT HEAD
 - FULLY RECESSED CUSTOM PLATED PENDANT HEAD; CONFIRM RECESSED PLATE WITH ARCHITECT
 - EXTENDED ESCUTCHEON CHROME PLATED PENDANT HEAD
 - △ STANDARD SIDEWALL HEAD
 - ▲ NON-FREEZE SIDEWALL HEAD
 - ◐ EXTENDED COVERAGE SIDEWALL HEAD
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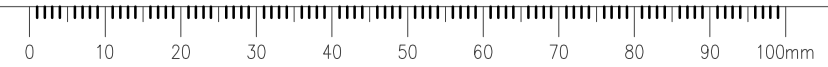
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**MAIN FLOOR PLAN EAST
FIRE PROTECTION**

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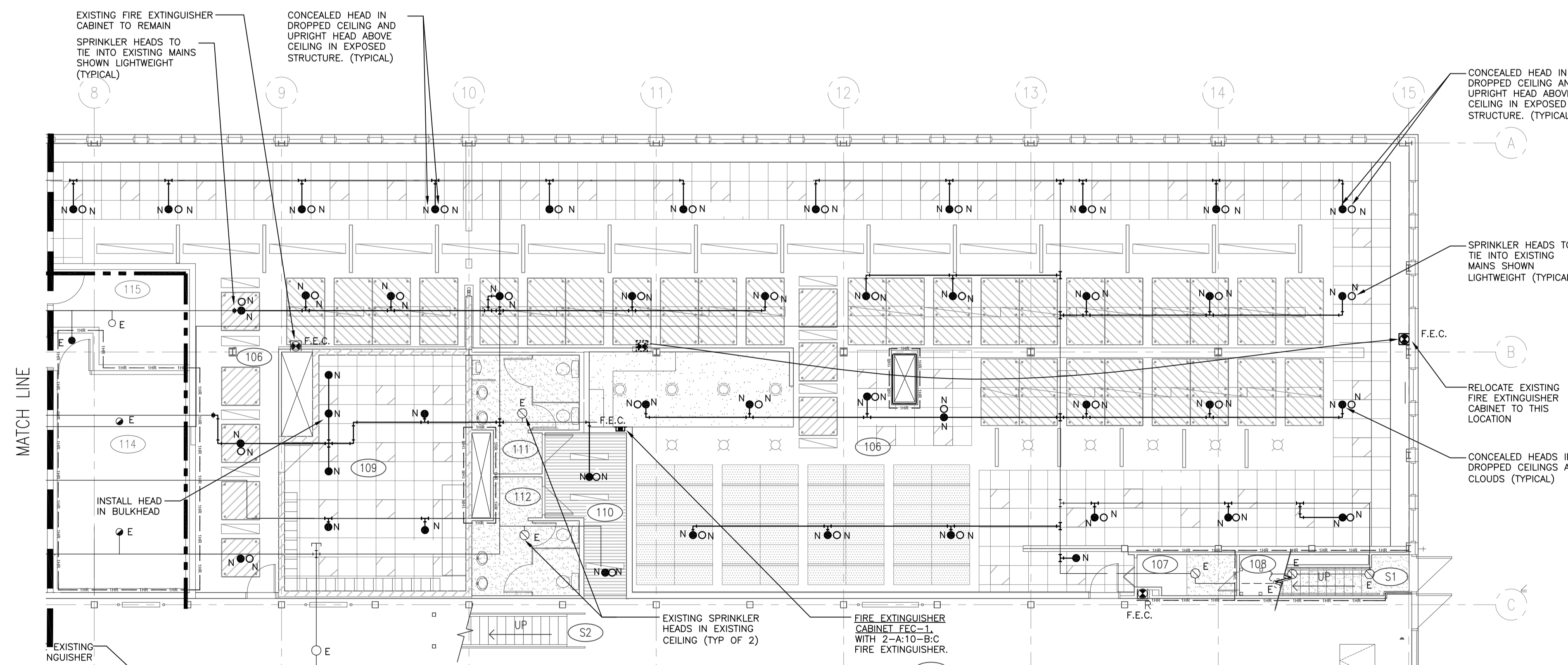
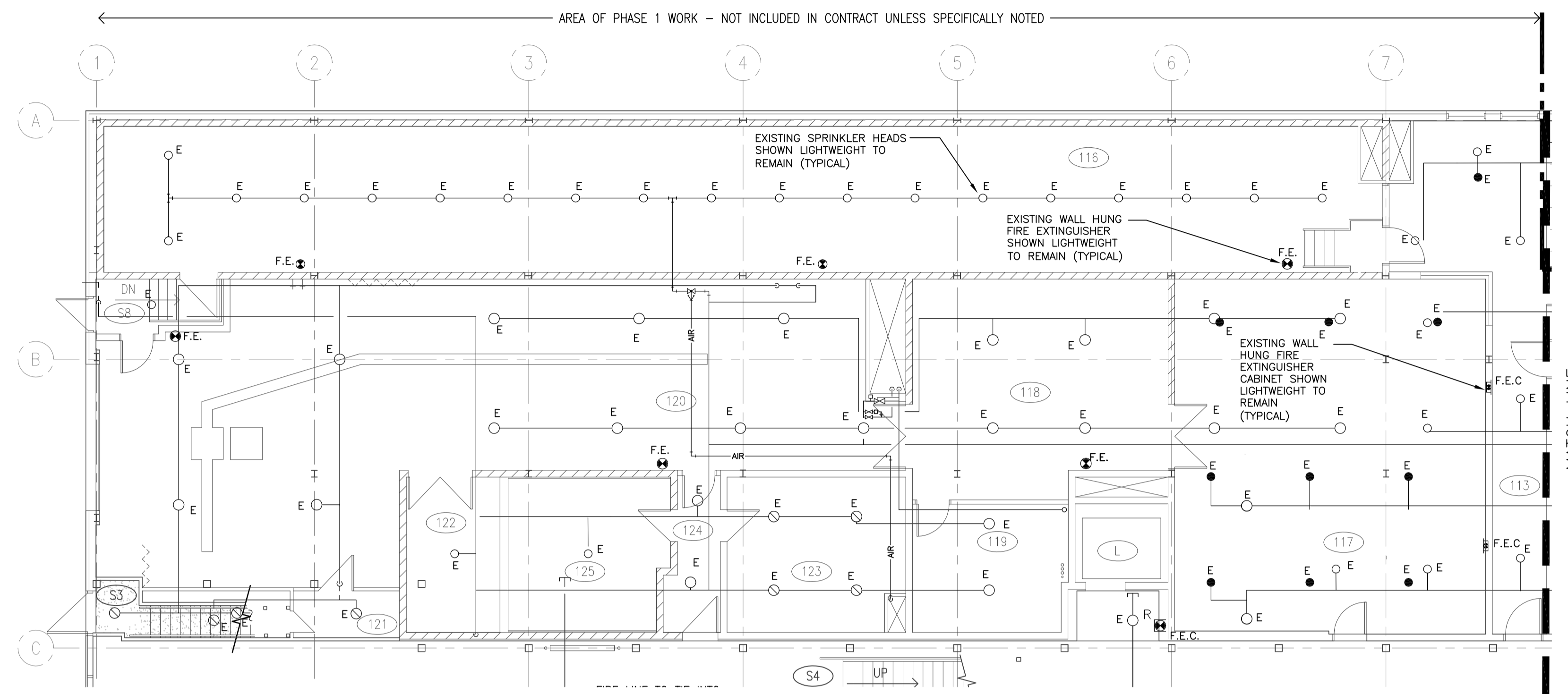
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MAIN FLOOR PLAN WEST
 1 M5.4 1:100
 NORTH

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Project title/Titre du projet

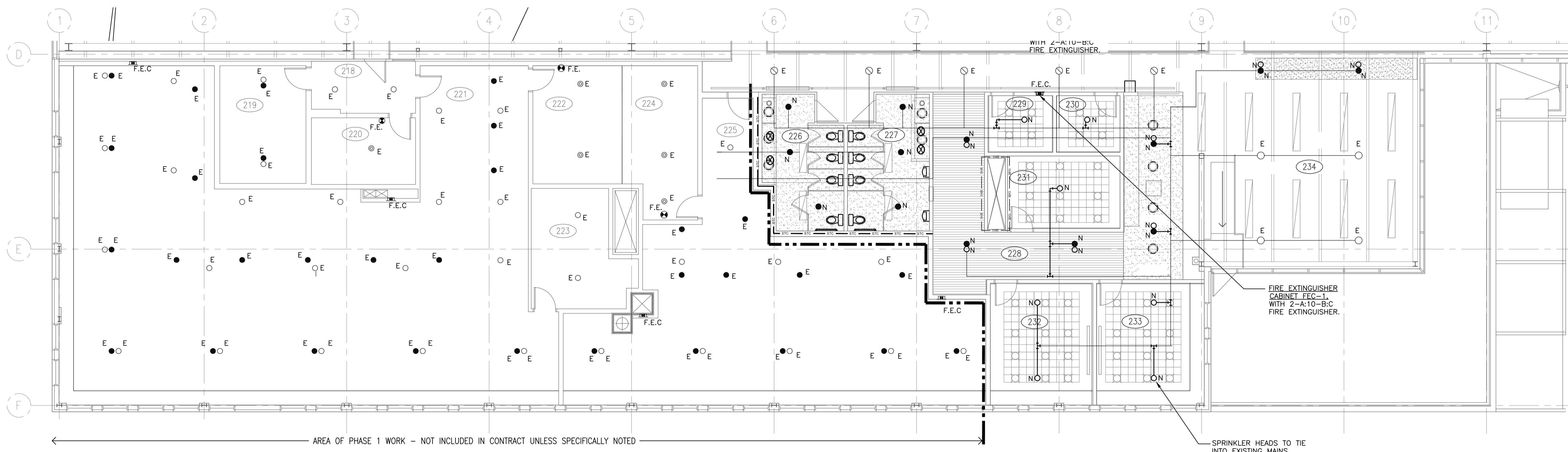
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par
 Designed by/Concept par
TKC
 Drawn by/Dessine par
JDL
 Project Manager/Administrateur de Projets
HM/KS
 Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie
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**MAIN FLOOR PLAN WEST
 FIRE PROTECTION**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	M5.4	0





- SPRINKLER LEGEND**
- STANDARD CHROME PLATED SEMI-RECESSED PENDANT HEAD
 - STANDARD UPRIGHT HEAD
 - FULLY RECESSED CUSTOM PLATED PENDANT HEAD
CONFIRM RECESSED PLATE WITH ARCHITECT
 - ⊙ EXTENDED ESCUTCHEON CHROME PLATED PENDANT HEAD
 - △ STANDARD SIDEWALL HEAD
 - ▲ NON-FREEZE SIDEWALL HEAD
 - ◐ EXTENDED COVERAGE SIDEWALL HEAD

- E EXISTING SPRINKLER HEAD TO REMAIN AS IS IN EXISTING CEILING GRID
 - N NEW SPRINKLER HEAD
 - D SPRINKLER HEAD TO BE REMOVED ENTIRELY. REMOVE ASSOCIATED PIPING BACK TO MAIN AND CAP AND SEAL AT MAIN.
- FIRE PROTECTION NOTES:**
- ALL SPRINKLER PIPE TO BE HYDRAULICALLY SIZED, BASE ON FLOW TEST RESULTS IN SPECIFICATION.
 - CO-ORDINATE ALL SPRINKLERS AND PIPING WITH OTHER PIPING, STRUCTURAL, LIGHTING, DUCTWORK AND ELECTRICAL.
 - ALL HEADS JANITOR'S ROOMS TO BE COMPLETE WITH GUARDS.
 - PROVIDE DRAINS AT LOW POINTS IN SYSTEM.
 - ALL SPRINKLER HEADS IN T-BAR CEILING ARE TO BE CENTERED IN TILE OR 1/2 TILE UNLESS NOTED OTHERWISE.

1:100
SECOND FLOOR PLAN EAST

SEPW Architecture Inc.
 100-3725 Pavia Street, Regina, SK S4S 0A8 ph: (306) 368-0225
 1210-3718 Kinross Park, Saskatoon, SK S7P 0A6 ph: (306) 662-9427
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 Mech. 6093 *J. Dwyer*

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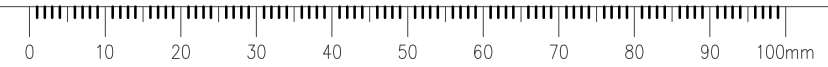
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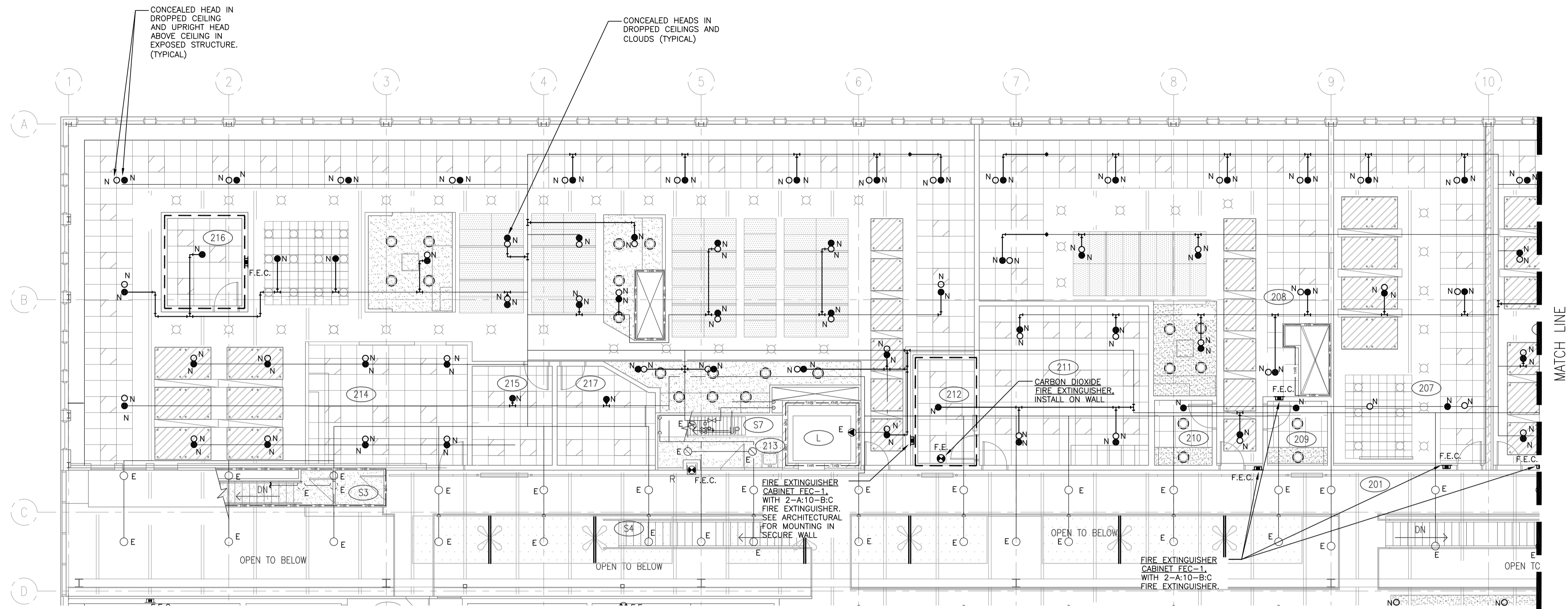
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 REGINA, SASKATCHEWAN**

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 FIRE PROTECTION**

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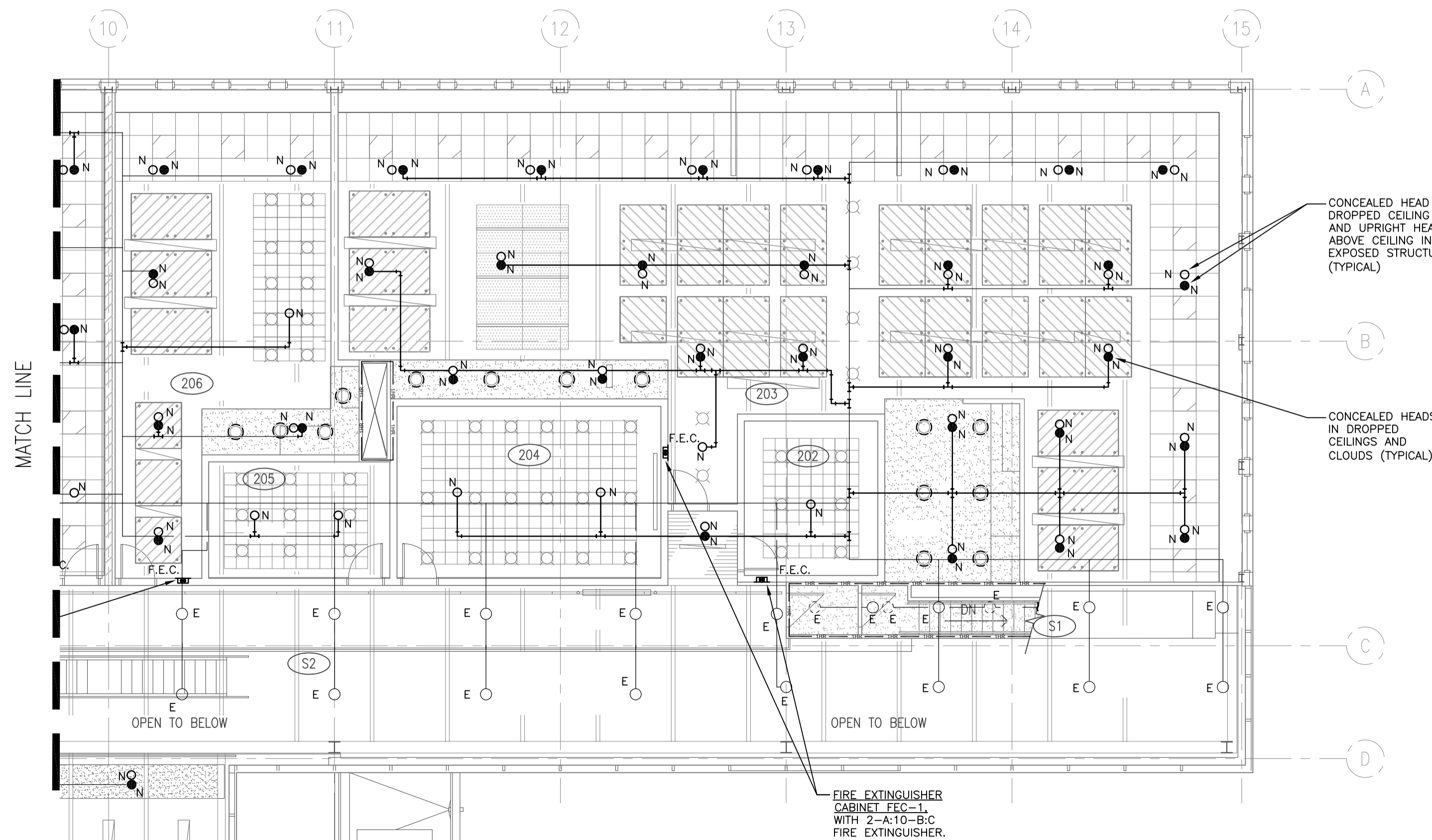
SPRINKLER LEGEND

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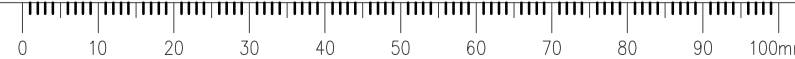
FIRE PROTECTION NOTES:

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M5.6
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SECOND FLOOR PLAN WEST



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0	ISSUED FOR TENDER	2017-02-03

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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

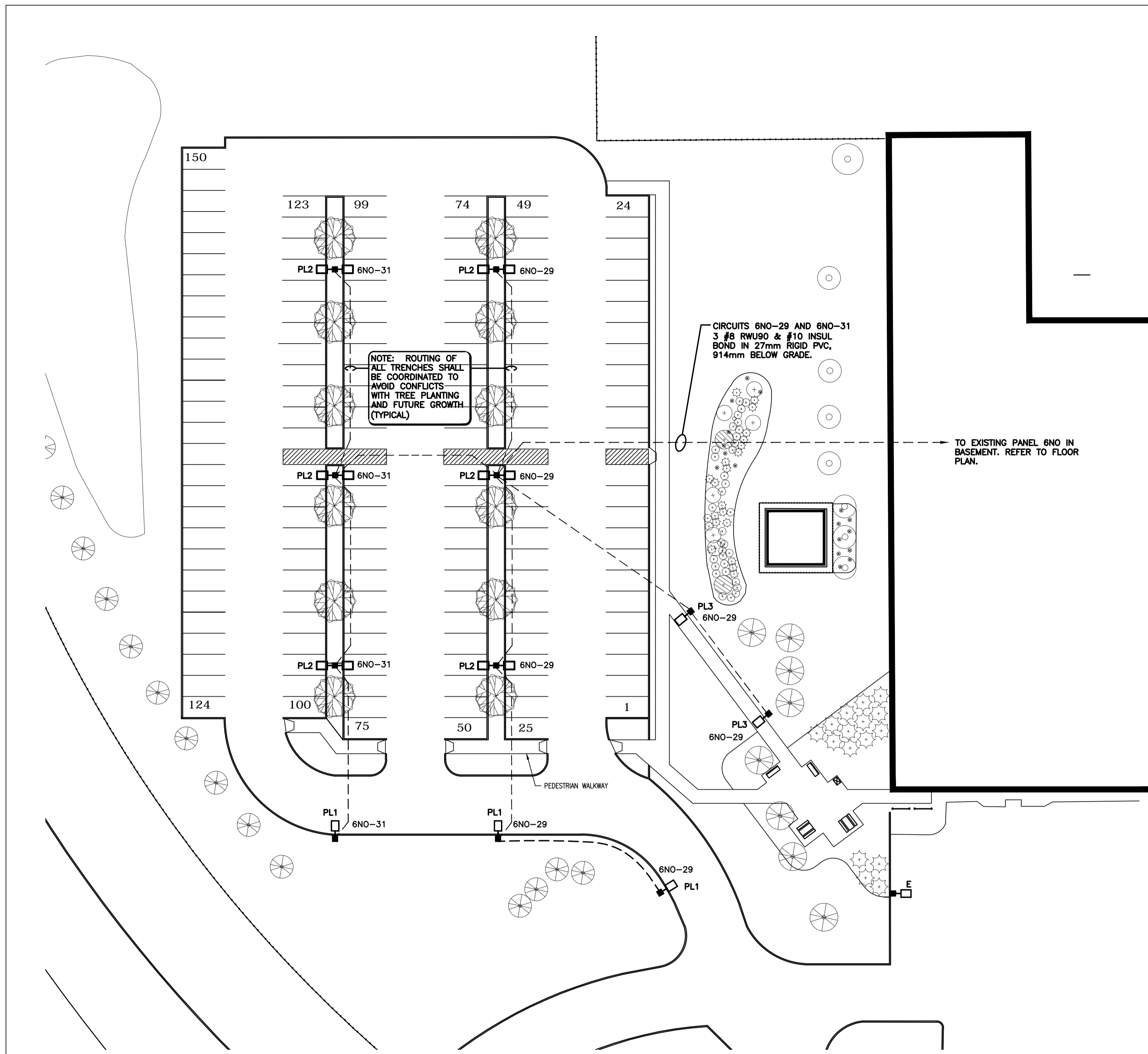
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**SECOND FLOOR PLAN WEST
 FIRE PROTECTION**

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30/2015	M5.6	0





1 SITE PLAN
E1.0 1:300

GENERAL NOTES:

- THE CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND SERVICES PRIOR TO TRENCHING OR BORING FOR NEW UNDERGROUND FEEDERS. REFER ALSO TO CIVIL AND LANDSCAPING DRAWINGS FOR APPROXIMATE LOCATIONS. WATER WASH EXISTING LOCATIONS WHERE EXISTING UNDERGROUND FEEDERS CONFLICT WITH NEW ELECTRICAL FEEDER INSTALLATION.
- ALL UNDERGROUND FEEDERS SHALL BE A MINIMUM OF 914mm BELOW FINISHED GRADE. INSTALL CONDUITS IN COMMON TRENCH WHERE POSSIBLE.
- REFER TO DRAWING E10.1 FOR LIGHT POST & BASE DETAIL FOR FIXTURE TYPES 'PL1' & 'PL2' & 'PL3'.
- PROVIDE #8 RWU90 & #10 INSUL. BOND CONDUCTORS IN 27mm RIGID PVC CONDUITS, 915mm BELOW GRADE FOR EACH LIGHTING CIRCUIT FROM CRAWLSPACE TO LIGHT POLE. REFER TO DRAWING E5.3 FOR CONTINUATION OF CONDUIT AND PANEL LOCATION INSIDE BUILDING.

- PA# PUBLIC ADDRESS/SOUND MASKING SPEAKERS. # SUBSCRIPT DENOTES SPEAKER TYPE, REFER TO SPECIFICATIONS FOR FURTHER DETAILS. 'PA' DENOTES PUBLIC ADDRESS ONLY AND 'SM' SUBSCRIPT DENOTES COMBINATION PUBLIC ADDRESS AND SOUND MASKING. REFER TO DETAIL DRAWINGS FOR FURTHER INFORMATION.
- WP EXISTING WIRELESS ACCESS POINTS IN THE ACCESSIBLE CEILING SPACE SHALL REMAIN.
- PL2 POLE MOUNTED LUMINAIRE WITH TWO HEADS.
- PL1 POLE MOUNTED LUMINAIRE WITH ONE HEAD.
- PL3 POLE MOUNTED LUMINAIRE WITH ONE HEAD.
- TERMINATION POINT OF EXISTING COMMUNICATIONS AREA DISTRIBUTION CONDUIT. CONDUIT LENGTH SHALL BE ADJUSTED TO TERMINATE 305 mm FROM EDGE OF NEW CABLE TRAY.
- NEW COMMUNICATION AREA DISTRIBUTION CONDUIT. RUN 53mm CONDUIT DOWN TO ROOM 003.
- FB CONNECTRAC IN-CARPET WIREWAY SEE DETAILS.
- SM EXISTING SOUND MASKING SPEAKERS TO BE REMOVED AND TURNED OVER TO THE OWNER FOR SALVAGE.
- DR INTERCOM SYSTEM DEVICES - REFER TO PLANS FOR REQUIREMENTS.
- PAC-POLE FOR TEMPORARY COMMISSIONAIRES SPACE. REFER TO PARTIAL PLANS ON E5.2.

SYMBOL SCHEDULE

- JUNCTION BOX/OUTLET BOX.
- CEILING/WALL SURFACE MOUNTED LIGHT FIXTURE.
- RECESSED CEILING MOUNTED LIGHT FIXTURE
- SURFACE MOUNTED OR SUSPENDED LIGHT FIXTURE.
- RECESSED LIGHT FIXTURE.
- FIXTURES SHOWN SHADED DESIGNATE UNIT IS CONNECTED TO EMERGENCY POWER DISTRIBUTION, SUFFIX 'NON-SW' NON-SWITCHED.
- SUFFIX 'EX' DENOTES EXISTING FIXTURE TO REMAIN, & 'REM' DENOTES EXISTING FIXTURE REMOVED AND DISPOSED - REMOVE WIRING BACK TO NEAREST JUNCTION BOX IN CEILING SPACE, 'REL' DENOTES EXISTING FIXTURE RELOCATED TO THIS LOCATION.
- EMERGENCY LIGHTING BATTERY UNIT. SEE EMERGENCY LIGHTING SPECIFICATIONS FOR DETAILS.
- ELECTRICAL DISTRIBUTION PANEL, SURFACE/RECESSED.
- MOTOR CONNECTION. COORDINATE FINAL LOCATION ON SITE. 'STP' DESIGNATES MOTOR THERMAL SWITCH MOUNTED AT UNIT.
- MOULDED CASE TYPE CIRCUIT BREAKER, 15 AMP UNLESS OTHERWISE NOTED.
- MOTOR DISCONNECT SWITCH, SUFFIX 'WP' INDICATES WEATHERPROOF.
- S.P.S.T. SWITCH MOUNTED UP 1200mm. SUFFIX 'F' FOR FAN CONTROL.
- THREE-WAY SWITCH MOUNTED UP 1200mm.
- DIMMER SWITCH MOUNTED UP 1200mm, DIMMER SHALL BE SIZED ACCORDING TO LOAD AND SUITABLE FOR 'LED'.
- LOW VOLTAGE DIMMER SWITCH CONNECTED TO THE LOW VOLTAGE LIGHT CONTROL SYSTEM MOUNTED UP 1200mm.
- LOW VOLTAGE MASTER SWITCH CONNECTED TO THE LOW VOLTAGE LIGHT CONTROL SYSTEM MOUNTED UP 1200mm. SWITCH SHALL PROVIDE OVERRIDE-OFF CAPABILITY FOR LIGHTING CIRCUITS CONTROLLED BY PHOTOCELL CONTROL SENSORS.
- WALL MOUNTED OCCUPANCY/VACANCY SENSOR UP 1200mm AS DESCRIBED ON DRAWINGS AND SPECIFICATIONS. 'ocd' DENOTES OCCUPANCY SENSOR WITH DIMMING CAPABILITIES.
- CEILING MOUNTED OCCUPANCY SENSOR. SUFFIX INDICATES SENSOR TYPE. MOUNT ON WALL WHERE SUFFIXED 'w'. REFER TO SPECIFICATIONS.
- CEILING MOUNTED PHOTOCELL CONTROL SENSOR. MOUNT AS DIRECTED BY MANUFACTURER. ALL PHOTOCELL CONTROL SHALL BE CONTINUOUS DIMMING. SUFFIX INDICATES CIRCUIT OF CONTROL. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.
- HDMI JUNCTION BOX AS INDICATED ON PLANS.
- FIRE ALARM PRE-ACTION SPRINKLER SYSTEM CHIME MOUNTED UP 2100mm. REFER TO SPECIFICATIONS. SUFFIX 'E' INDICATES EXISTING TO REMAIN.
- FIRE ALARM SIGNAL DEVICE (HORN/STROBE) SURFACE WALL MOUNTED UP 2290mm A.F.F. SUFFIX 'E' INDICATES EXISTING TO REMAIN.
- FIRE ALARM SIGNAL DEVICE SURFACE WALL MOUNTED UP 2290mm A.F.F. SUBSCRIPT 'S' DENOTES SPEAKER AND SUBSCRIPT 'ST' DENOTES SPEAKER/STROBE. SUFFIX 'E' INDICATES EXISTING.
- FIRE ALARM SIGNAL DEVICE CEILING MOUNTED. SUBSCRIPT 'S' DENOTES SPEAKER AND SUBSCRIPT 'ST' DENOTES SPEAKER/STROBE. SUFFIX 'E' INDICATES EXISTING.
- FIRE ALARM CONTROL/RELAY MODULE. SUFFIX 'E' INDICATES EXISTING TO REMAIN.
- FIRE ALARM MONITOR MODULE. SUFFIX 'E' INDICATES EXISTING TO REMAIN.
- FIRE ALARM SYSTEM COMBINATION TYPE SMOKE DETECTOR CEILING MOUNTED. SUFFIX 'E' INDICATES EXISTING TO REMAIN.
- DUPLX GROUNDED RECEPTACLE OUTLETS WITH NO SUFFIX SHALL BE MOUNTED UP 450mm. WHERE SUFFIXED, MOUNT AS FOLLOWS: 'a'-250mm. ABOVE COUNTER; 'b'- UP 900mm.; 'f' FRIDGE RECEPTACLE UP 450mm; 'HK' 20A RECEPTACLE UP 450mm FOR HOUSE KEEPING; 'm' MICROWAVE RECEPTACLE UP 250mm ABOVE MICROWAVE SHELF. COORDINATE WITH ARCHITECTURE MILLWORK FOR EXACT LOCATION.
- DUPLX GROUNDED RECEPTACLE, SPLIT WIRED, PROTECTED BY TWO POLE BREAKER AT PANEL. SEE DRAWINGS FOR MOUNTING HEIGHT.
- DUPLX GROUNDED RECEPTACLE, 20 AMP NEMA 5-20R T-SLOT MOUNTED UP 450mm OR AS NOTED.
- DUPLX GROUND FAULT INTERRUPTER RECEPTACLE. REFER TO DRAWING NOTES FOR MOUNTING.
- DUPLX GROUNDED RECEPTACLE MOUNTED UP 450mm FED FROM EMERGENCY POWER SUPPLY. BODY OF RECEPTACLE SHALL BE IMPREGNATED 'RED' COLOUR.
- POWER AND DATA JUNCTION BOXES MOUNTED UP 450mm FOR CONNECTION TO SYSTEMS FURNITURE. REFER TO DRAWING NOTES.
- DATA/VOICE OUTLET MOUNTED UP 450mm OR AS NOTED. 100mm. SQUARE BOX C/W SINGLE GANG EXTENSION AND 27 mm CONDUIT. UP TO AREA CONDUIT OR CABLE TRAY IN ACCESSIBLE CEILING. SUFFIX '1D' INDICATES ONE DATA JACK, '1V' INDICATES ONE VOICE JACK, '2D' INDICATES TWO DATA JACKS, ETC. UNLESS NOTED OTHERWISE, DATA AND VOICE CABLES SHALL BE RUN TO NEW PATCH PANELS IN ROOM 003 IN BASEMENT. SUFFIX 'INTERNET' SAME REQUIREMENTS AS ABOVE. REFER TO SPECIFICATIONS FOR COLOR CODING.
- DATA OUTLET TERMINATION POINT FOR SYSTEMS FURNITURE. REFER TO DRAWING NOTES.
- SURFACE VERTICAL RACEWAY, FLOOR TO CEILING, MOUNTED ALONG WALL TO FEED SYSTEM FURNITURE. STEEL CONSTRUCTION, CUSTOM PAINT COLOUR. REFER ALSO TO SYSTEM FURNITURE RACEWAY DETAIL. WIREMOLD DS4000 OR APPROVED EQUAL.



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PERMISSION TO CONSULT HELD BY:
DISCIPLINE: ELECTRICAL
SASK. REG. No.: 9273
SIGNATURE: [Signature]

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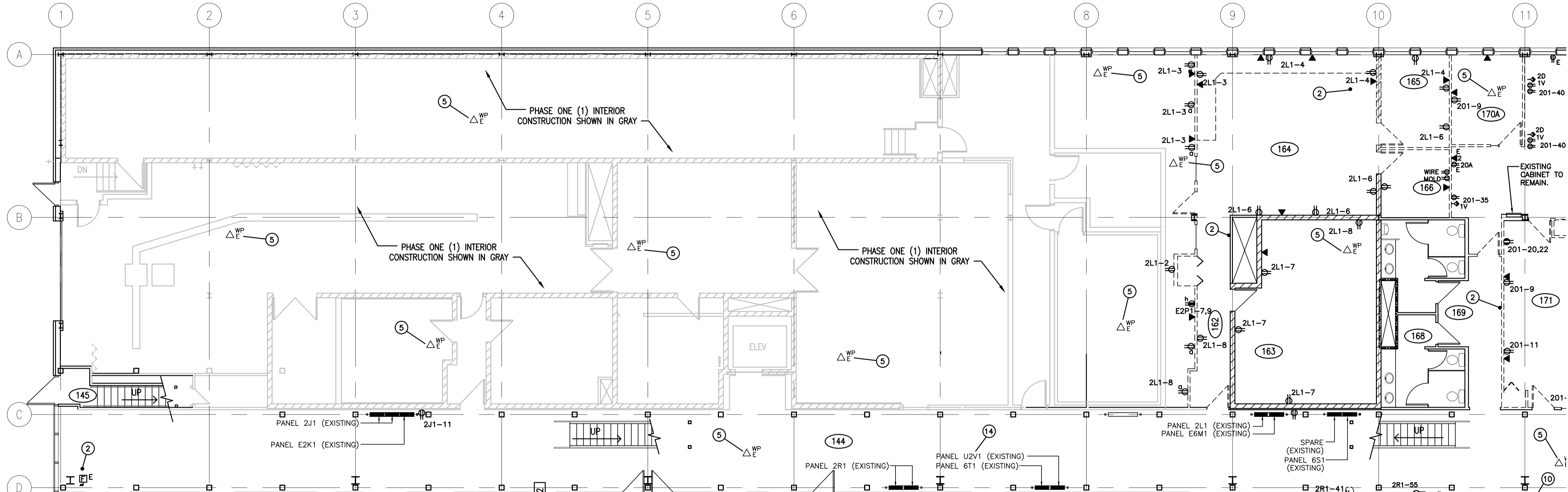
Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2017-02-02

**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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Designed by/Concept par
KAD/GTK
Project Manager/Administrateur de Projets
HM/KS
Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie

**SITE PLAN AND
SYMBOL SCHEDULE**

Project No./No. du projet 30/2015	Sheet/Feuille E1.0	Revision no./ La Révision no. 0
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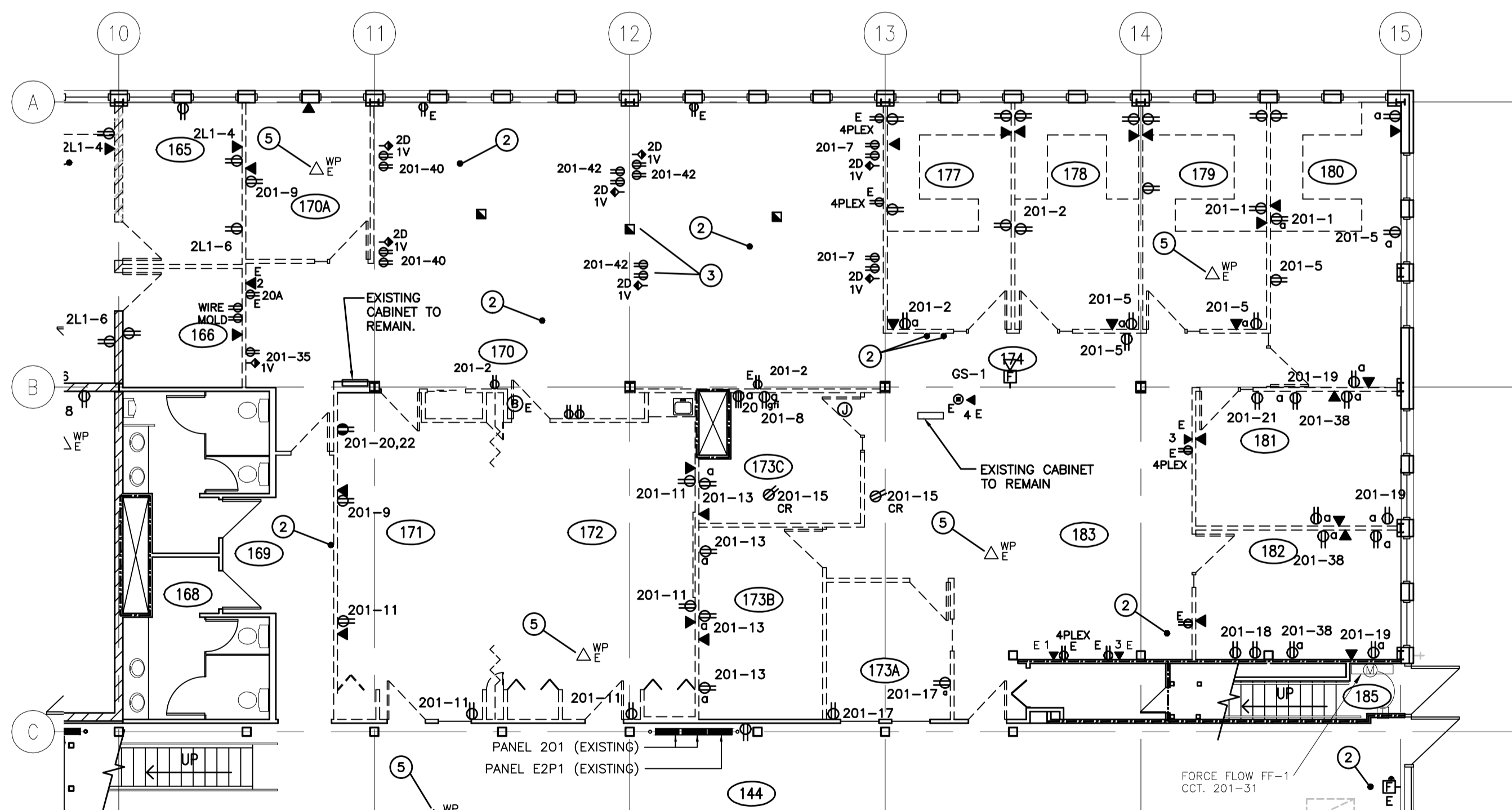


GENERAL DEMOLITION NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY DEMOLITION INCLUDING LIGHTING, EXIT SIGNS, ELECTRICAL AND COMMUNICATION SYSTEMS WITHIN THE BUILDING AS OUTLINED IN THE ELECTRICAL AND ARCHITECTURAL DRAWINGS. ALL ABANDONED CONDUIT, DUCTS, BOXES, WIRE AND COMMUNICATION CABLES (EXISTING CONDITIONS AND AS A RESULT OF THE RENOVATIONS) SHALL BE REMOVED BACK TO THE SOURCE.
2. WHERE WALLS AND OTHER EXISTING ITEMS ARE TO BE REMOVED, THE CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL DEVICES INCLUDING RECEPTACLES, SWITCHES, COMMUNICATIONS AND DATA OUTLETS AND FIRE ALARM DEVICES.
3. DISCONNECT ALL EXISTING FUME HOODS AND ASSOCIATED MECHANICAL EQUIPMENT THAT ARE BEING ABANDONED AND REMOVE ALL CONDUIT AND WIRING BACK TO THE SOURCE. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF MECHANICAL EQUIPMENT THAT IS BEING REMOVED.
4. PATCH ALL EXISTING PENETRATIONS THROUGH WALLS, FLOORS AND ROOF WHERE CONDUITS OR CABLES HAVE BEEN REMOVED. REPAIR ALL HOLES IN FLOORS TO MAINTAIN EXISTING FIRE RATINGS.
5. WHERE EXISTING OUTLETS ARE LOCATED ON WALLS THAT ARE NOT BEING REMOVED THE ELECTRICAL CONTRACTOR SHALL REMOVE THE EXISTING DEVICE AND PROVIDE A BLANK COVERPLATE.

MAIN FLOOR DEMOLITION KEYNOTES

- ① EXISTING F.A. REMOTE ANNUNCIATOR PANEL SHALL BE RELOCATED AS SHOWN ON POWER PLAN - PROVIDE NEW CABLES FROM MAIN F.A. PANEL IN BASEMENT. PROVIDE TEMPORARY SUPPORT OF PANEL DURING DEMOLITION UNTIL NEW WALL CONSTRUCTION IS PROVIDED.
- ② REMOVE EXISTING FIRE ALARM SIGNAL DEVICES AND TURN OVER TO THE OWNER FOR SALVAGE.
- ③ SYSTEMS FURNITURE REMOVED BY OWNER'S FORCES. REMOVE ABANDONED CABLES AND WIRING BACK TO THE SOURCE.
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- ⑦ DISCONNECT EXISTING UNIT HEATER EXHAUST FAN AND REMOVE ASSOCIATED BRANCH CIRCUITRY BACK TO THE SOURCE.
- ⑧ EXISTING STAND ALONE SPRINKLER SYSTEM IS BEING REMOVED. REFER TO MECHANICAL DRAWINGS. DISCONNECT AND REMOVE ASSOCIATED FIRE ALARM DEVICES AND POWER CONNECTIONS



POWER & SYSTEMS DEMOLITION PLAN - MAIN FLOOR WEST
1:100

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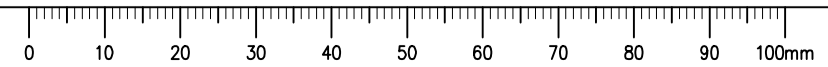
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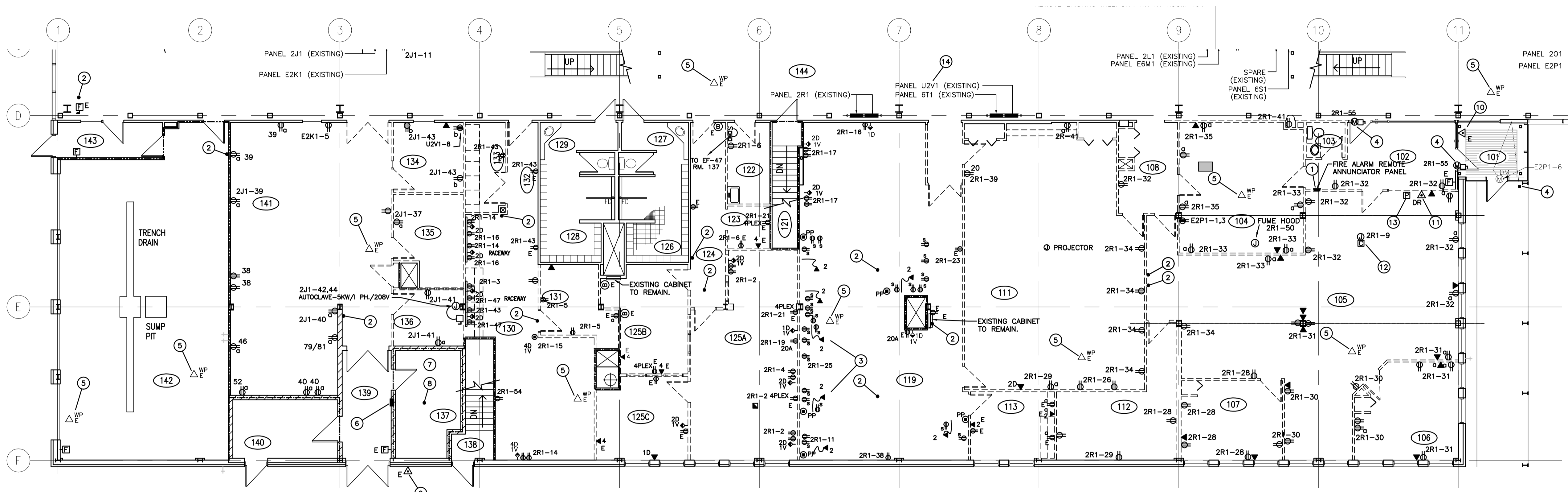
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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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Drawing title/Titre du dessin MAIN FLOOR PLAN WEST POWER & SYSTEMS DEMOLITION PLAN		
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DRAWING NOTES: ALL FILE NAMES IN THIS DRAWING ARE IN ALL CAPS
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 FILE: 12515-02-03-11-11-12_Power-System-1.dwg





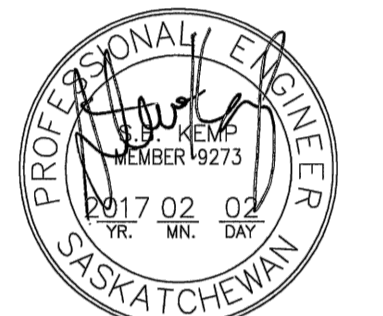
POWER & SYSTEMS DEMOLITION PLAN – MAIN FLOOR EAST
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- 5 EXISTING WIRELESS ACCESS POINT TERMINATION AND CABLE SHALL REMAIN. COIL EXCESS CABLE IN ACCESSIBLE CEILING FOR FUTURE INSTALLATION. (TYPICAL)
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- 7 DISCONNECT EXISTING UNIT HEATER EXHAUST FAN AND REMOVE ASSOCIATED BRANCH CIRCUITRY BACK TO THE SOURCE.
- 8 EXISTING STAND ALONE SPRINKLER SYSTEM IS BEING REMOVED. REFER TO MECHANICAL DRAWINGS. DISCONNECT AND REMOVE ASSOCIATED FIRE ALARM DEVICES AND POWER CONNECTIONS.
- 9 EXISTING EXTERIOR WP INTERCOM STATION UP 1500mm (AIPHONE LA-DA) TO REMAIN. REFER TO DOOR INTERCOM NOTES ON DRAWING E5.2.
- 10 EXISTING INTERCOM STATION UP 1500mm (AIPHONE LA-DA) TO REMAIN. REFER TO DOOR INTERCOM NOTES ON DRAWING E5.2.
- 11 EXISTING INTERCOM MASTER STATION WITH DOOR RELEASE (AIPHONE LA-DA) MOUNTED AT EXISTING COMMISSIONAIRE'S DESK. STATION SHALL BE RELOCATED TO THE TEMPORARY COMMISSIONAIRE ROOM, AND THEN RELOCATED AND INSTALLED IN NEW ROOM 144. REFER TO DOOR INTERCOM NOTES ON DRAWING E5.2.
- 12 EXISTING INTERCOM TERMINAL CABINET, POWER SUPPLY AND AUDIBLE CHIME IN EXISTING CEILING SPACE. RELOCATE TO CEILING SPACE OF ROOM 144. REFER TO DOOR INTERCOM NOTES AND DRAWING E5.2.
- 13 EXISTING PUBLIC ADDRESS & SOUNDMASKING SYSTEM DESKTOP MICROPHONE. RELOCATE MICROPHONE TO NEW TEMPORARY ROOM WEST OF ROOM 126. RELOCATE TO NEW ROOM 144 WHEN CONSTRUCTION OF THAT ROOM IS COMPLETE. REFER TO DRAWING E5.2 FOR ADDITIONAL REQUIREMENTS.
- 14 REFER TO DRAWING POWER DRAWING E5.3 AND PANEL SCHEMATICS FOR UPS DEMOLITION NOTES.



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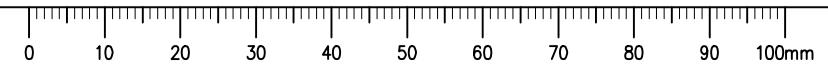
Project Title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

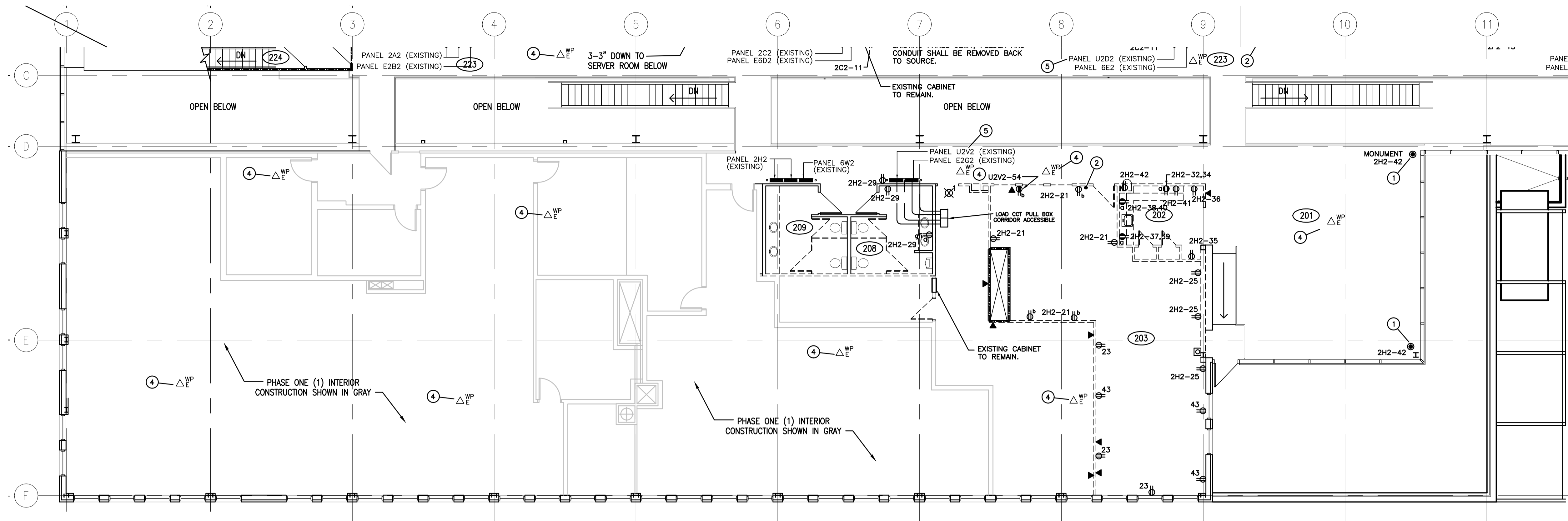
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**MAIN FLOOR PLAN EAST
 POWER & SYSTEMS DEMOLITION
 PLAN**

Project No./No. du projet 30/2015	Sheet/Feuille E1.2	Revision no./ La Révision no. 0
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 Drawing: E1.2





GENERAL DEMOLITION NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY DEMOLITION INCLUDING LIGHTING, EXIT SIGNS, ELECTRICAL AND COMMUNICATION SYSTEMS WITHIN THE BUILDING AS OUTLINED IN THE ELECTRICAL AND ARCHITECTURAL DRAWINGS. ALL ABANDONED CONDUIT, DUCTS, BOXES, WIRE AND COMMUNICATION CABLES (EXISTING CONDITIONS AND AS A RESULT OF THE RENOVATIONS) SHALL BE REMOVED BACK TO THE SOURCE.
2. WHERE WALLS AND OTHER EXISTING ITEMS ARE TO BE REMOVED, THE CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL DEVICES INCLUDING RECEPTACLES, SWITCHES, COMMUNICATIONS AND DATA OUTLETS AND FIRE ALARM DEVICES.
3. DISCONNECT ALL EXISTING FUME HOODS AND ASSOCIATED MECHANICAL EQUIPMENT THAT ARE BEING ABANDONED AND REMOVE ALL CONDUIT AND WIRING BACK TO THE SOURCE. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF MECHANICAL EQUIPMENT THAT IS BEING REMOVED.
4. PATCH ALL EXISTING PENETRATIONS THROUGH WALLS, FLOORS AND ROOF WHERE CONDUITS OR CABLES HAVE BEEN REMOVED. REPAIR ALL HOLES IN FLOOR TO MAINTAIN EXISTING FIRE RATINGS.
5. WHERE EXISTING OUTLETS ARE LOCATED ON WALLS THAT ARE NOT BEING REMOVED THE ELECTRICAL CONTRACTOR SHALL REMOVE THE EXISTING DEVICE AND PROVIDE A BLANK COVERPLATE.

MAIN FLOOR DEMOLITION KEYNOTES

- ① EXISTING FLOOR BOXES SHALL BE REMOVED AND CONDUITS CUT FLUSH WITH FLOOR AND FILLED WITH CONCRETE OR FIRE STOPPING MATERIAL.
- ② REMOVE EXISTING FIRE ALARM SIGNAL DEVICES AND TURN OVER TO THE OWNER FOR SALVAGE.
- ③ SYSTEMS FURNITURE REMOVED BY OWNER'S FORCES. REMOVE ABANDONED CABLES AND WIRING BACK TO THE SOURCE.
- ④ EXISTING WIRELESS ACCESS POINT TERMINATION AND CABLE SHALL REMAIN. COIL EXCESS CABLE IN ACCESSIBLE CEILING FOR FUTURE INSTALLATION. (TYPICAL).
- ⑤ REFER TO DRAWING POWER DRAWING E5.3 AND PANEL SCHEMATICS FOR UPS DEMOLITION NOTES.

POWER & SYSTEMS DEMOLITION PLAN - SECOND FLOOR EAST
 1:100

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 FILE NAME: 12/15/15, E2.2 - E2.2_pwr-demol-2.dwg
 DRAWING: E2.2



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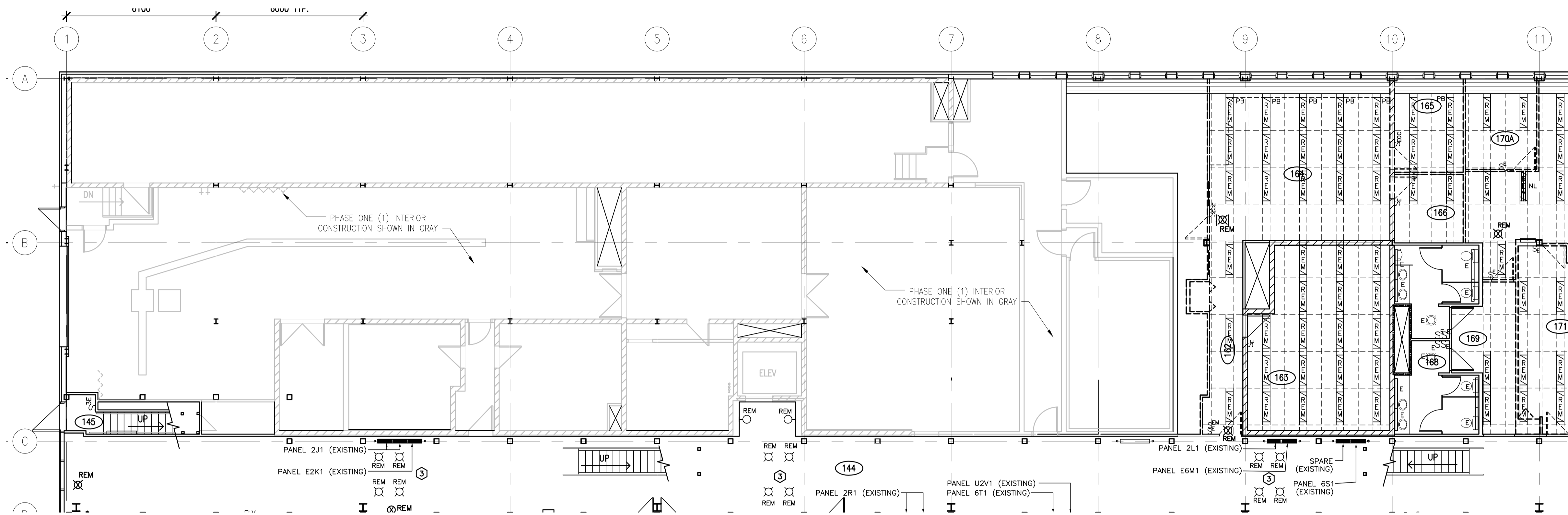
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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**SECOND FLOOR PLAN EAST
 POWER & SYSTEMS DEMOLITION
 PLAN**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	E2.2	0



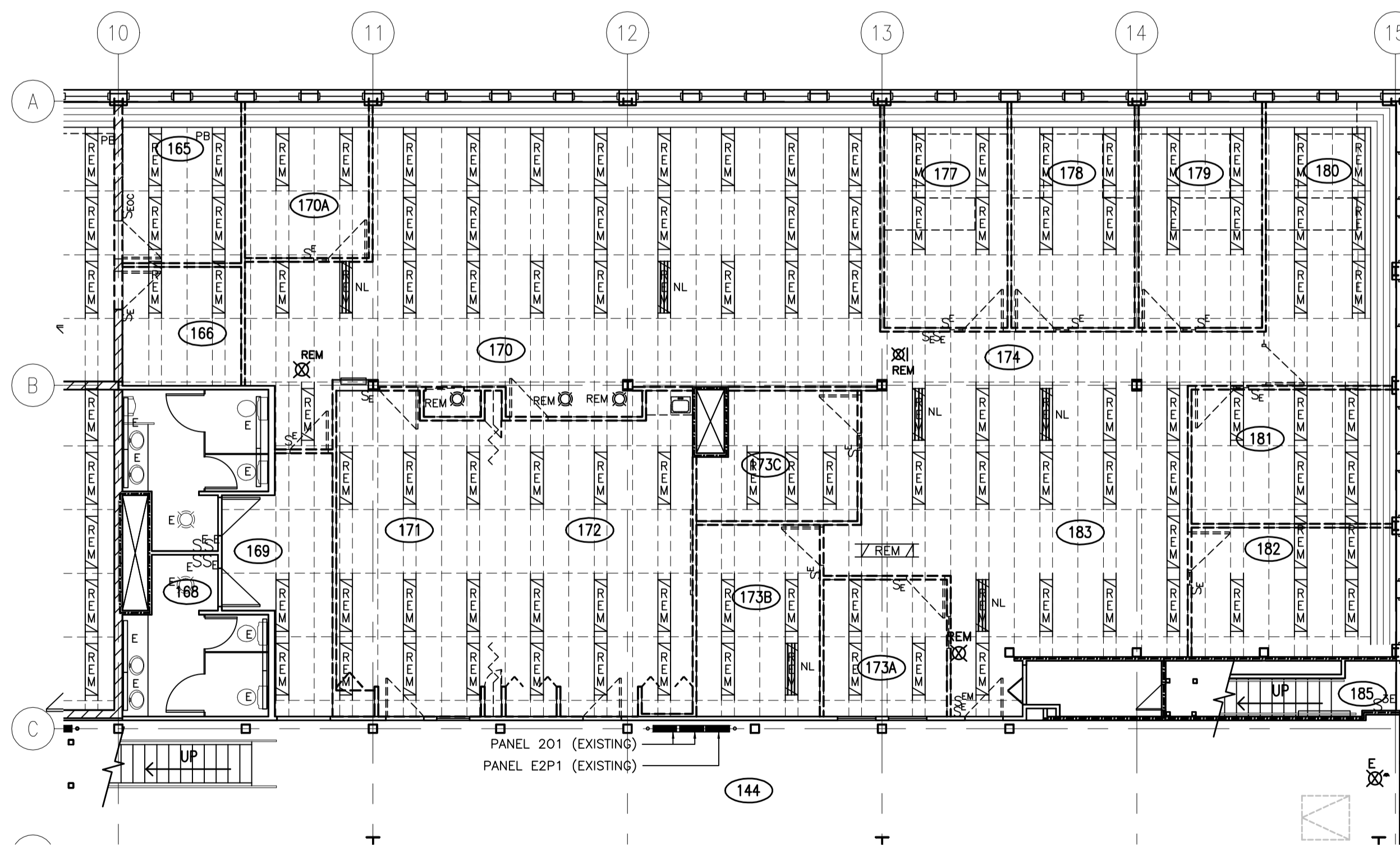


KEYNOTES

- ① ACCESS TO THE CEILING SPACE ABOVE THE METAL LINEAR CEILING IS LIMITED. ALL JUNCTION BOXES FEEDING LIGHTS AND DEVICES IN THIS AREA SHALL BE LOCATED OUTSIDE THE LINEAR CEILING SPACE.
- ② THE MOUNTING HEIGHT OF LIGHT FIXTURES SHALL BE COORDINATED WITH EXISTING DUCTWORK.
- ③ RETAIN EXISTING JUNCTION BOXES AND BRANCH CIRCUITRY FOR NEW LIGHTING FIXTURES.

GENERAL NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY DEMOLITION INCLUDING LIGHTING, EXIT SIGNS, ELECTRICAL AND COMMUNICATION SYSTEMS WITHIN THE BUILDING AS OUTLINED IN THE ELECTRICAL AND ARCHITECTURAL DRAWINGS. ALL ABANDONED CONDUIT, DUCTS, BOXES, WIRE AND COMMUNICATION CABLES (EXISTING CONDITIONS AND AS A RESULT OF THE RENOVATIONS) SHALL BE REMOVED.
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3. REMOVE ALL EXISTING EXIT SIGNS AND ASSOCIATED CONDUIT AND WIRING BACK TO THE NEAREST JUNCTION BOX IN THE CEILING SPACE. WHERE NEW EXIT SIGNS ARE BEING PROVIDED AT AN EXISTING LOCATION RETAIN THE JUNCTION BOX AND WIRING FOR CONNECTION OF NEW EXIT SIGNS. COORDINATE WITH NEW LIGHTING PLANS FOR EXACT LOCATIONS.

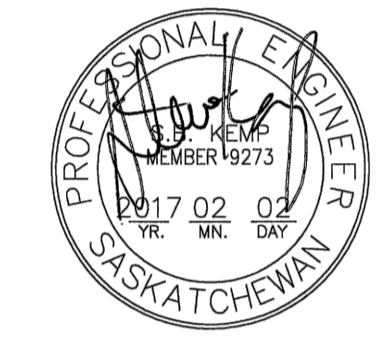


1 LIGHTING DEMOLITION PLAN – MAIN FLOOR WEST
E3.1 1:100

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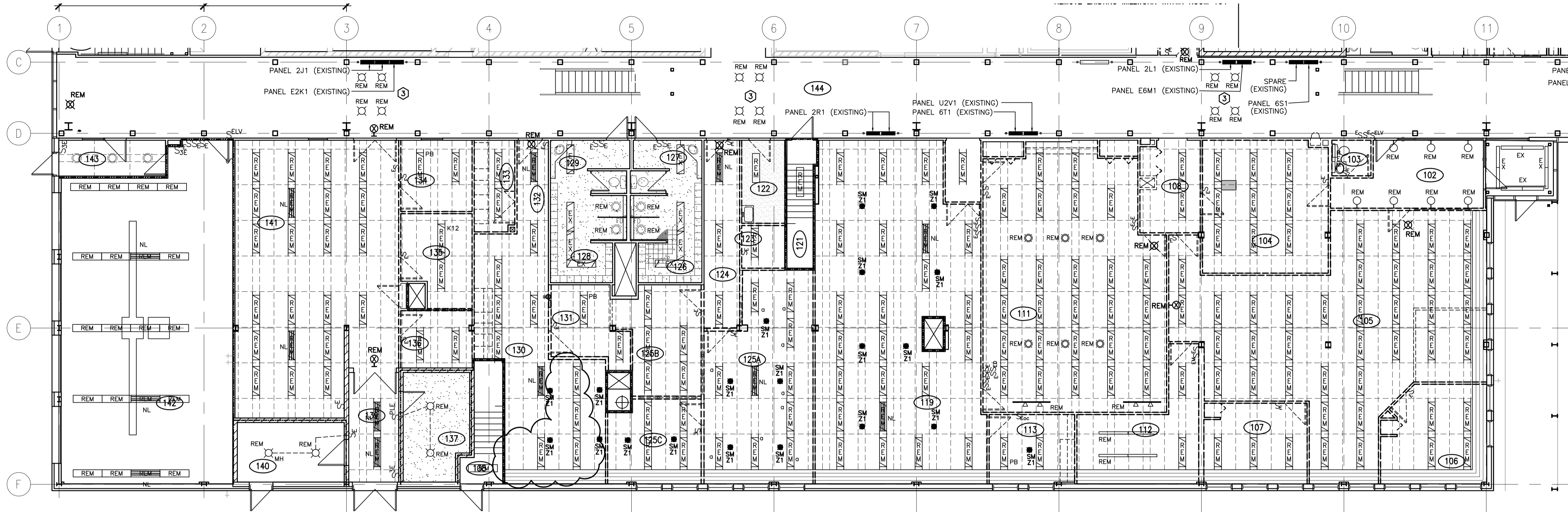
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**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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**MAIN FLOOR PLAN WEST
LIGHTING DEMOLITION PLAN**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
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1 LIGHTING DEMOLITION PLAN - MAIN FLOOR EAST
E3.2 1:100

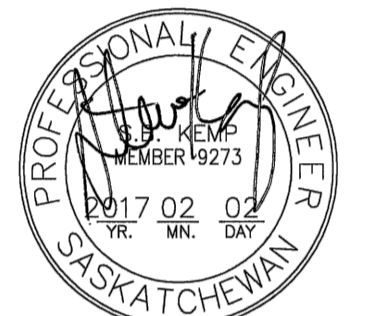
KEYNOTES

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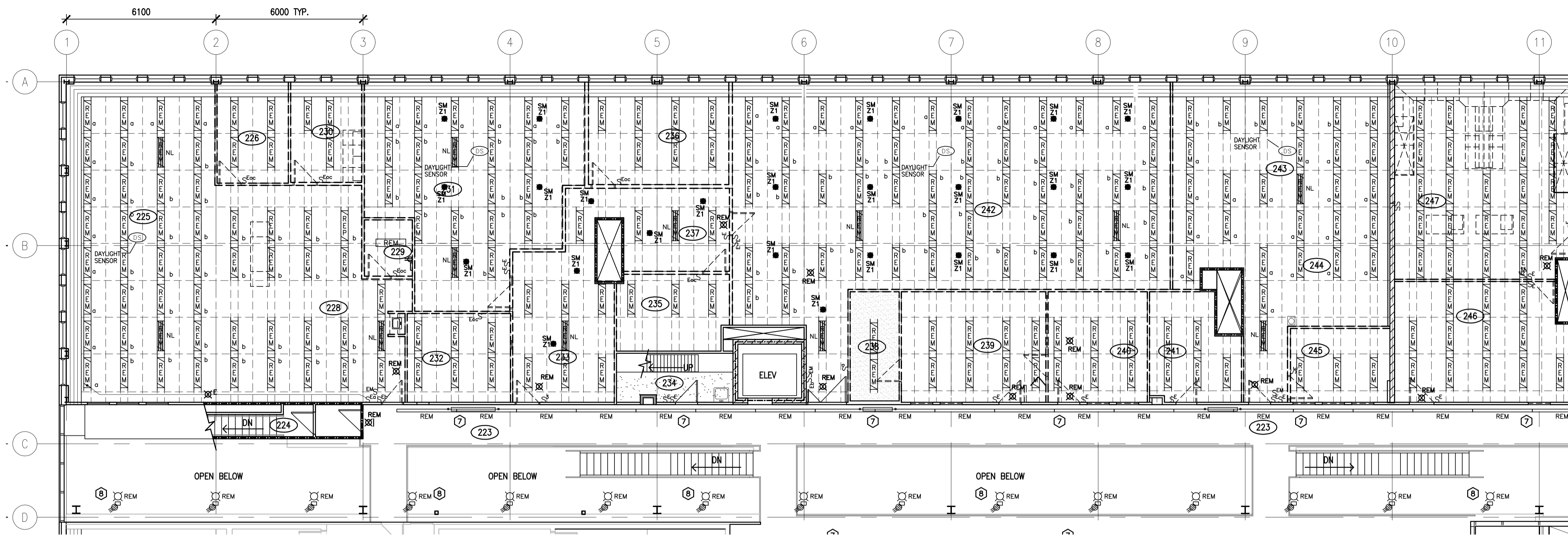
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**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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**MAIN FLOOR PLAN EAST
LIGHTING DEMOLITION PLAN**

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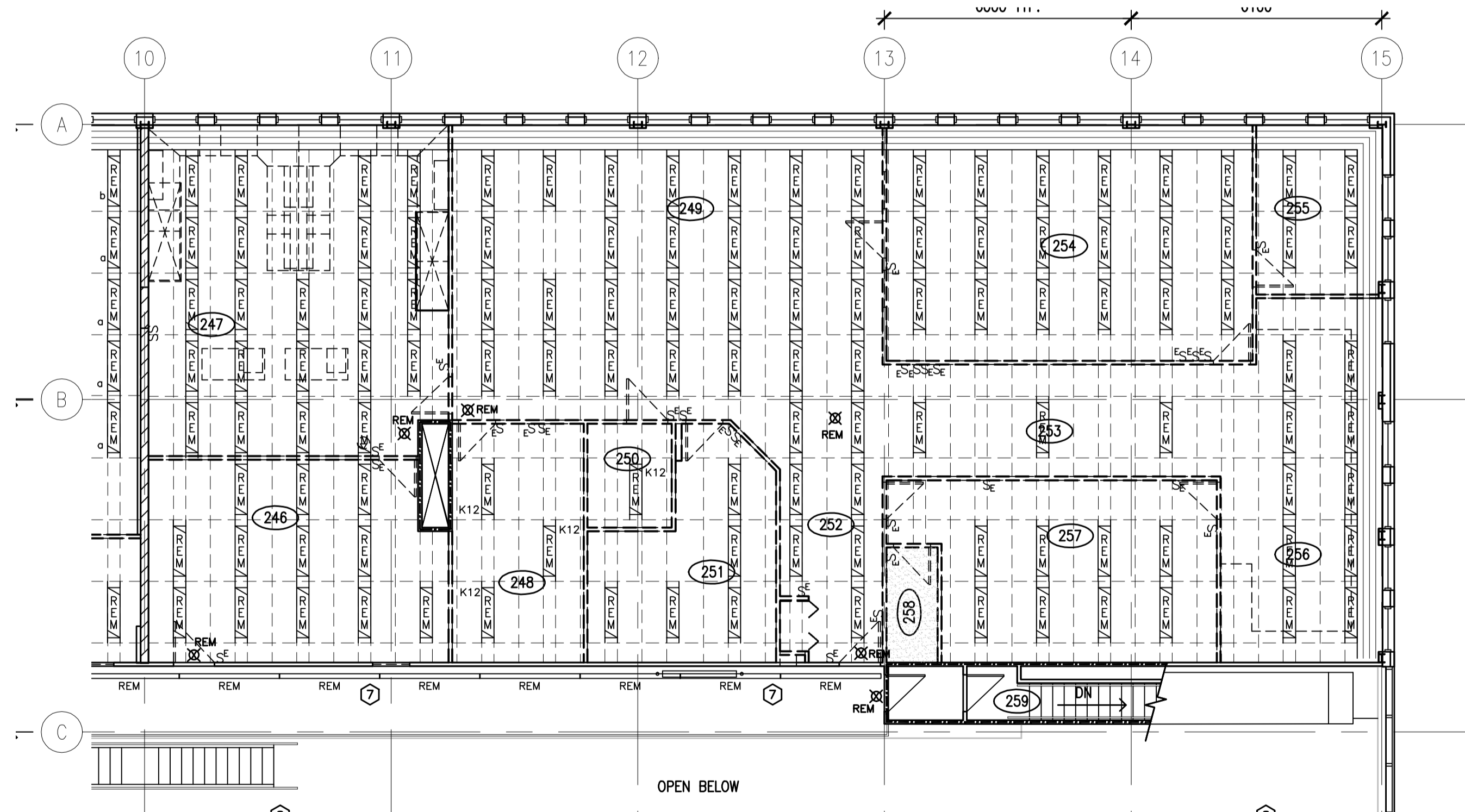


KEYNOTES

- 1 ACCESS TO THE CEILING SPACE ABOVE THE METAL LINEAR CEILING IS LIMITED. ALL JUNCTION BOXES FEEDING LIGHTS AND DEVICES IN THIS AREA SHALL BE LOCATED OUTSIDE THE LINEAR CEILING SPACE.
- 2 THE MOUNTING HEIGHT OF LIGHT FIXTURES SHALL BE COORDINATED WITH EXISTING DUCTWORK.
- 3 REMOVE ALL SOUND MASKING SPEAKERS INDICATED AS 'SM' AND HEAD END EQUIPMENT AND TURN OVER TO THE OWNER AS SALVAGE.
- 4 REMOVE EXISTING LIGHT FIXTURES INSTALLED IN PHASE 1 AND RE-INSTALL AS INDICATED ON THE LIGHTING PLANS. TERMINATE EXISTING LIGHTING CIRCUITRY IN THE NEAREST JUNCTION BOX IN THE CEILING SPACE.
- 5 REMOVE EXISTING SPEAKERS INSTALLED IN PHASE 1 AND RE-INSTALL AT NEW LOCATIONS AS INDICATED ON THE POWER PLANS. TERMINATE SPEAKER CABLES IN THE NEAREST JUNCTION BOX.
- 6 REMOVE THE EXISTING EXIT SIGN INSTALLED IN PHASE 1 AND RE-INSTALL AS INDICATED ON THE LIGHTING PLANS. TERMINATE EXISTING WIRING IN THE NEAREST JUNCTION BOX IN THE CEILING SPACE.
- 7 REMOVE EXISTING TUBE TYPE LIGHT FIXTURES AND MOUNTING STEMS. RETAIN THE EXISTING BRANCH CIRCUITRY AND LIGHTING CONTROL FOR NEW LIGHTING LAYOUT. REFER TO NEW LIGHTING PLANS.
- 8 REMOVE EXISTING DOME TYPE LIGHT FIXTURES AND RETAIN THE EXISTING CONNECTIONS AND BRANCH CIRCUITRY AND LIGHTING CONTROL FOR NEW LIGHTING LAYOUT (TYPICAL). REFER TO NEW LIGHTING PLANS.

GENERAL NOTES:

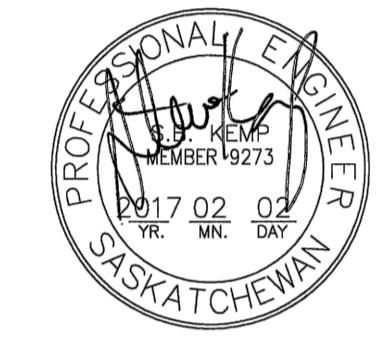
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1 E4.1 LIGHTING DEMOLITION PLAN - SECOND FLOOR WEST
1:100

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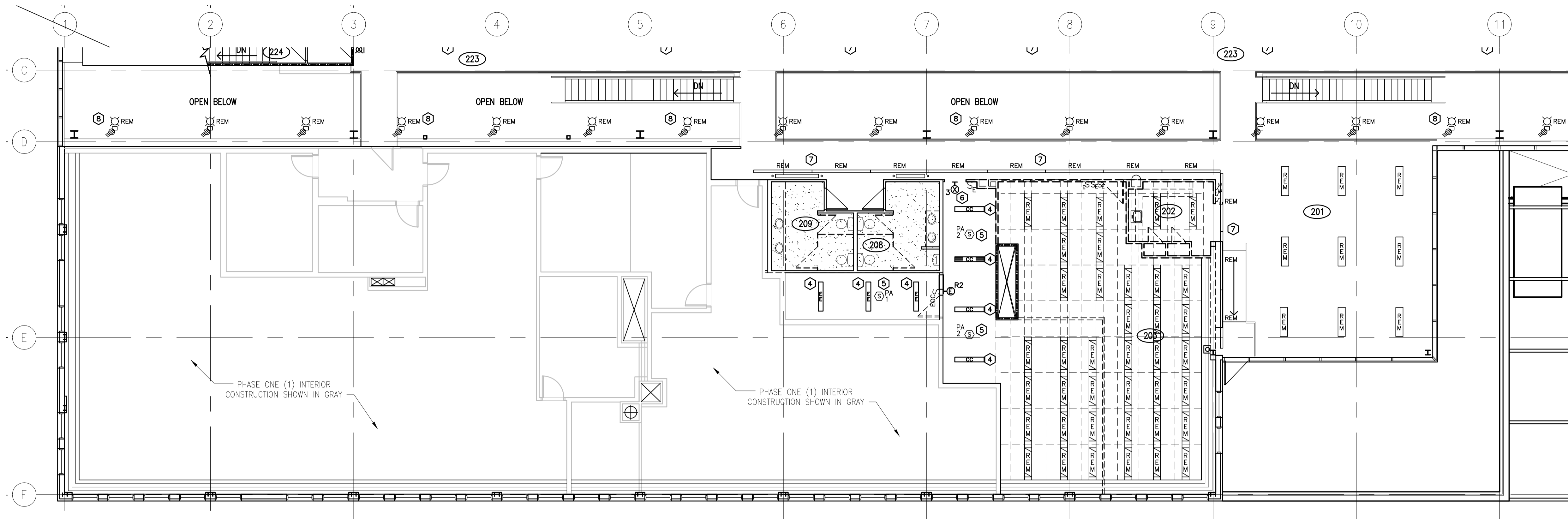
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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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KAD/GTK
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**SECOND FLOOR PLAN WEST
 LIGHTING DEMOLITION PLAN**

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1 LIGHTING DEMOLITION PLAN – SECOND FLOOR EAST
E4.2 1:100

KEYNOTES

- ① ACCESS TO THE CEILING SPACE ABOVE THE METAL LINEAR CEILING IS LIMITED. ALL JUNCTION BOXES FEEDING LIGHTS AND DEVICES IN THIS AREA SHALL BE LOCATED OUTSIDE THE LINEAR CEILING SPACE.
- ② THE MOUNTING HEIGHT OF LIGHT FIXTURES SHALL BE COORDINATED WITH EXISTING DUCTWORK.
- ③ REMOVE ALL SOUND MASKING SPEAKERS INDICATED AS 'SM' AND HEAD END EQUIPMENT AND TURN OVER TO THE OWNER AS SALVAGE.
- ④ REMOVE EXISTING LIGHT FIXTURES INSTALLED IN PHASE 1 AND RE-INSTALL AS INDICATED ON THE LIGHTING PLANS. TERMINATE EXISTING LIGHTING CIRCUITRY IN THE NEAREST JUNCTION BOX IN THE CEILING SPACE.
- ⑤ REMOVE EXISTING SPEAKERS INSTALLED IN PHASE 1 AND RE-INSTALL AT NEW LOCATIONS AS INDICATED ON THE POWER PLANS. TERMINATE SPEAKER CABLES IN THE NEAREST JUNCTION BOX.
- ⑥ REMOVE THE EXISTING EXIT SIGN INSTALLED IN PHASE 1 AND RE-INSTALL AS INDICATED ON THE LIGHTING PLANS. TERMINATE EXISTING WIRING IN THE NEAREST JUNCTION BOX IN THE CEILING SPACE.
- ⑦ REMOVE EXISTING TUBE TYPE LIGHT FIXTURES AND MOUNTING STEMS. RETAIN THE EXISTING BRANCH CIRCUITRY AND LIGHTING CONTROL FOR NEW LIGHTING LAYOUT. REFER TO NEW LIGHTING PLANS.
- ⑧ REMOVE EXISTING DOME TYPE LIGHT FIXTURES AND RETAIN THE EXISTING CONNECTIONS AND BRANCH CIRCUITRY AND LIGHTING CONTROL FOR NEW LIGHTING LAYOUT (TYPICAL). REFER TO NEW LIGHTING PLANS.

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**INTERIOR FIT-UP PHASE II
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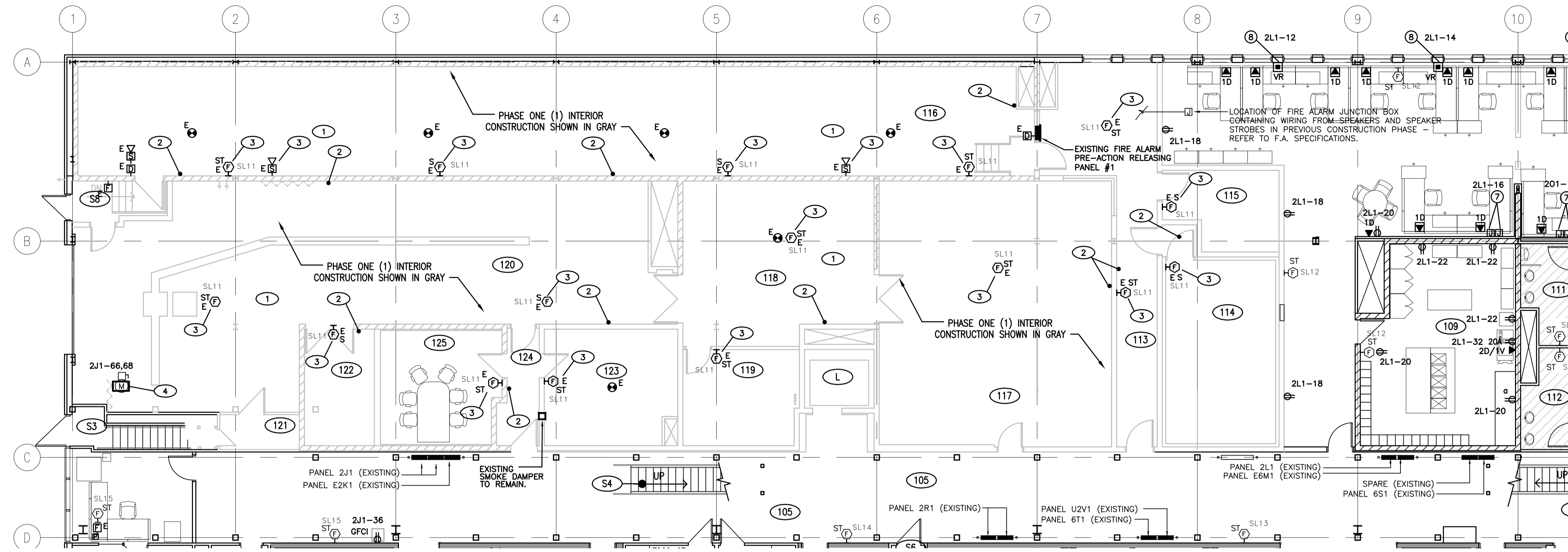
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**SECOND FLOOR PLAN EAST
 LIGHTING DEMOLITION PLAN**

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MAIN FLOOR POWER PHASE 1 AREA KEYNOTES

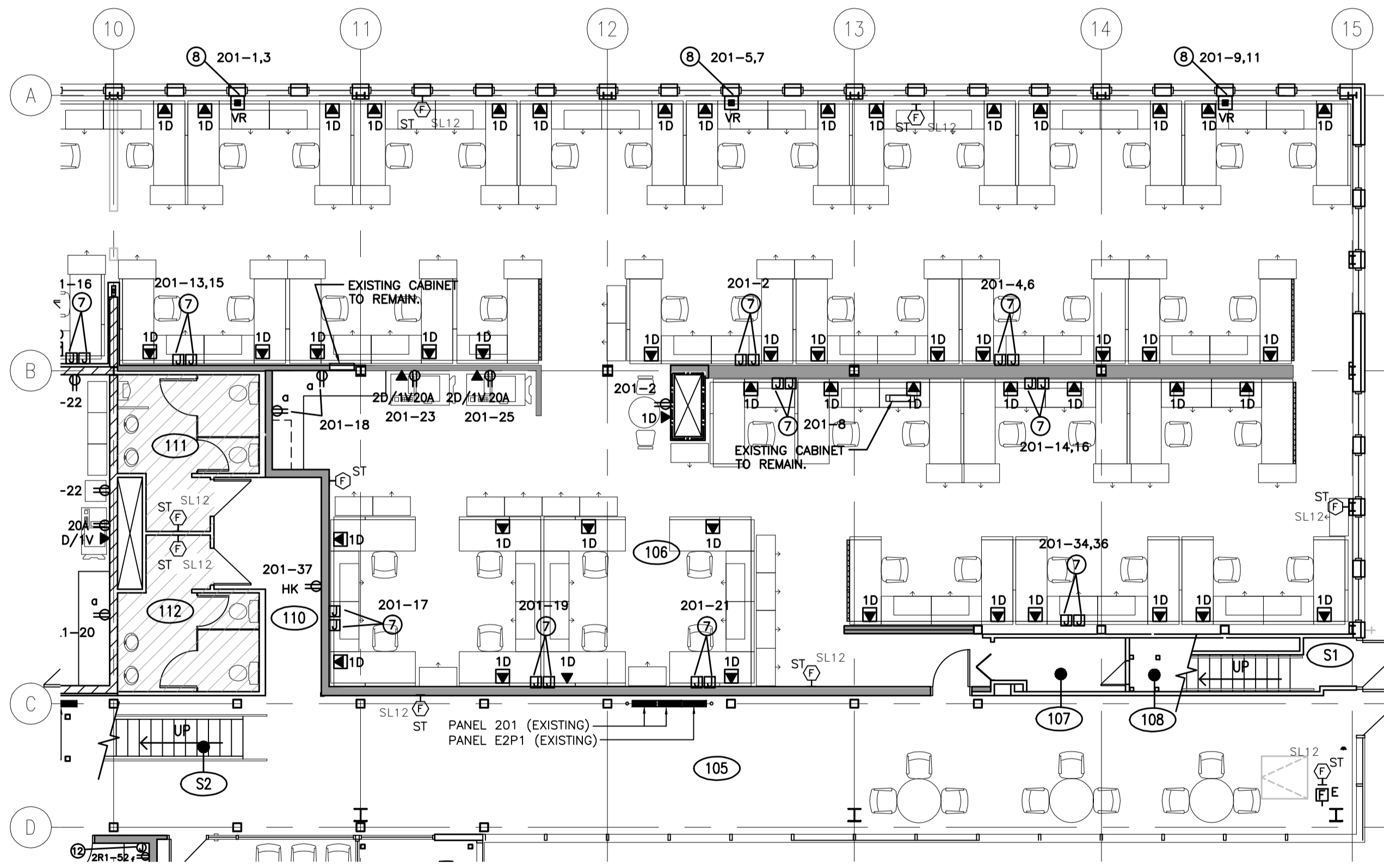
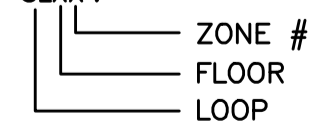
- 1 SPEAKER/ STROBE FIRE ALARM DEVICE UNTERMINATED WIRING PROVIDED IN PREVIOUS PHASE 1 CONTRACT BUT NOT CONNECTED INTO SYSTEM. THIS CONTRACT SHALL PROVIDE FINAL WIRING CONNECTIONS AND CONNECTION/ VERIFICATION INTO THE FIRE ALARM SYSTEM. REFER TO FIRE ALARM SPECIFICATIONS.
- 2 REMOVE EXISTING FIRE ALARM SIGNAL DEVICE AND ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE.
- 3 EXISTING FIRE ALARM SPEAKER OR SPEAKER/STROBE PROVIDED IN PREVIOUS CONSTRUCTION PROJECT. THESE SPEAKERS AND SPEAKER/STROBES ARE NOT CURRENTLY CONNECTED INTO THE FIRE ALARM SYSTEM. WIRING HAS BEEN PROVIDED TO THE DEVICES AND RUN TO JUNCTION BOXES OUTSIDE THE RENOVATION AREA OF THAT PREVIOUS CONSTRUCTION PHASE AND LEFT UNTERMINATED. THIS CONTRACTOR SHALL LOCATE THESE JUNCTION BOXES, COMPLETE THE TERMINATIONS, AND EXTEND AND CONNECT THE WIRING INTO THE MAIN FIRE ALARM CONTROL PANEL IN ROOM 006. CONNECT AND VERIFY THESE SPEAKERS AND SPEAKER/STROBES ALONG WITH NEW DEVICES INTO THE NEW EMERGENCY VOICE COMMUNICATION EVACUATION SYSTEM TO FORM A COMPLETE SYSTEM FOR THE ENTIRE BUILDING.
- 4 PROVIDE CONNECTION TO NEW EXHAUST FAN EF-32 AND LOCAL DISCONNECT AT UNIT. FEED FAN FROM A NEW BREAKER IN EXISTING PANEL 2J1.

MAIN FLOOR POWER KEYNOTES

- 1 MOUNT RECEPTACLE AND DATA OUTLETS BEHIND MONITOR OUT OF SIGHT. PROVIDE 100mm SQUARE BOX C/W SINGLE GANG MUD RING AND STUB ONE 27mm CONDUIT UP TO CEILING SPACE AND DOWN TO A JUNCTION BOX UP 450mm. COORDINATE WITH MOUNTING HARDWARE.
- 2 CONNECTRAC MODULAR FLOOR BOX C/W ONE RECEPTACLE AND TWO DATA JACKS. REFER TO DETAIL 3 ON DRAWING E10.1.
- 3 CONNECTRAC IN-CARPET WIREWAY.
- 4 CONNECTRAC GALVANIZED STEEL FLEXIBLE CONDUIT FOR POWER AND EMT CONDUIT FOR DATA CABLE WITHIN WALL C/W MOUSEHOLE AT BOTTOM OF WALL.
- 5 NEW LOCATION FOR RELOCATED RECESSED FIRE ALARM REMOTE ANNUNCIATOR PANEL. PROVIDE NEW CONDUIT AND WIRING TO MAIN FIRE ALARM PANEL IN BASEMENT. SPLICING OF CABLES IS NOT ACCEPTABLE.
- 6 JUNCTION BOXES FOR WALL FEED TO HALF HEIGHT WALL.
- 7 REFER TO SYSTEMS FURNITURE NOTE FOR 'JJ' FEEDS ON DRAWING E5.2.
- 8 REFER TO SYSTEMS FURNITURE NOTE FOR 'VR' ON DRAWING E5.2.

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- 3. PROVIDE DEMOLITION AND REMOVAL OF ALL TEMPORARY ELECTRICAL SERVICES AND EQUIPMENT IN TEMPORARY SPACE WEST OF 126 ONCE CONSTRUCTION OF NEW ROOM 144 IS COMPLETE.
- 4. REFER TO DRAWING E6.2 PHASE 1 AREA KEYNOTE #3 FOR FIRE ALARM SPEAKER OR SPEAKER/STROBE REVISIONS.
- 5. FIRE ALARM LOOP 'SLXX'.



POWER & SYSTEMS PLAN – MAIN FLOOR WEST
E5.1 1:100



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Project Title/Titre du projet

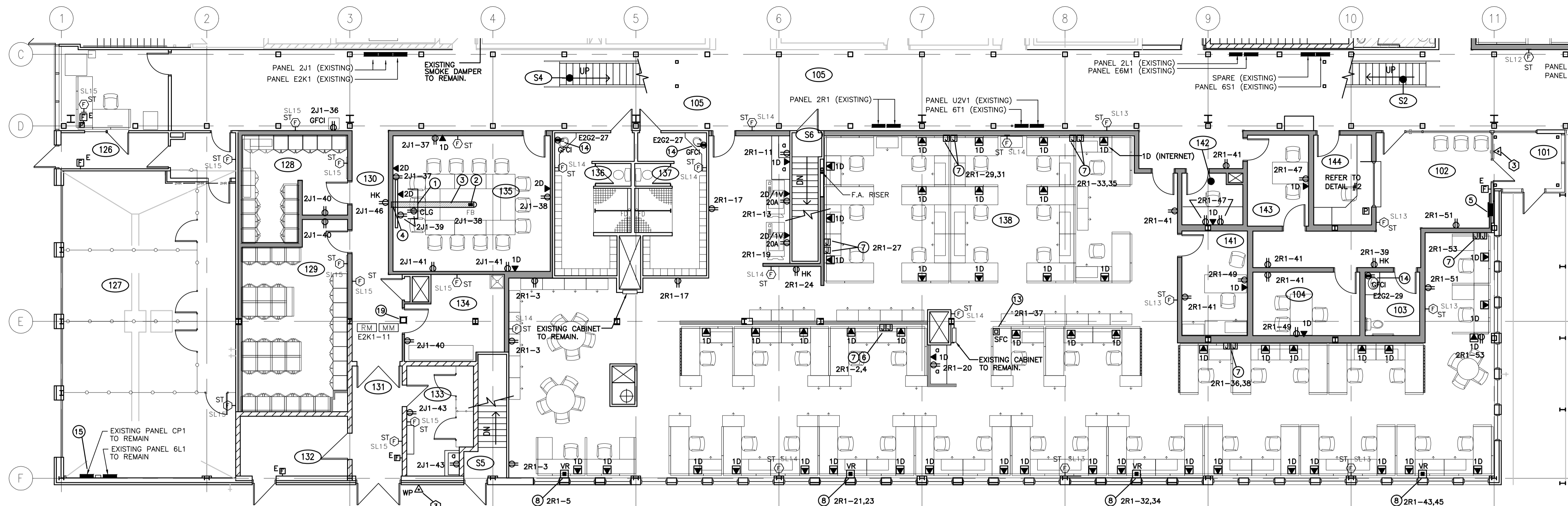
**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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

Client/client
Drawing title/Titre du dessin
**MAIN FLOOR PLAN WEST
POWER & SYSTEMS PLAN**

Project No./No. du projet 30/2015	Sheet/ Feuille E5.1	Revision no./ La Révision no. 0
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DRAWING NOTES: IN FILE NAME: 12515.E5.1 - E5.1 - 30.2 - Power - L.dwg
DRAWING



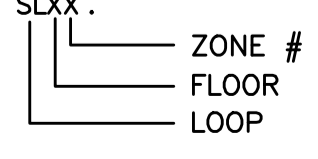
MAIN FLOOR POWER KEYNOTES

- 1 MOUNT RECEPTACLE AND DATA OUTLETS BEHIND MONITOR OUT OF SIGHT. PROVIDE 100mm SQUARE BOX C/W SINGLE GANG MUD RING AND STUB. ONE 27mm CONDUIT UP TO CEILING SPACE AND DOWN TO A JUNCTION BOX UP 450mm. COORDINATE WITH MOUNTING HARDWARE.
- 2 CONNECTRAC MODULAR FLOOR BOX C/W ONE RECEPTACLE AND TWO DATA JACKS. REFER TO DETAIL 3 ON DRAWING E10.1.
- 3 CONNECTRAC IN-CARPET WIREWAY.
- 4 CONNECTRAC GALVANIZED STEEL FLEXIBLE CONDUIT FOR POWER AND EMT CONDUIT FOR DATA CABLE WITHIN WALL C/W MOUSEHOLE AT BOTTOM OF WALL.
- 5 NEW LOCATION FOR RELOCATED RECESSED FIRE ALARM REMOTE ANNUNCIATOR PANEL. PROVIDE NEW CONDUIT AND WIRING TO MAIN FIRE ALARM PANEL IN BASEMENT. SPLICING OF CABLES IS NOT ACCEPTABLE.
- 6 JUNCTION BOXES FOR WALL FEED TO HALF HEIGHT WALL.
- 7 REFER TO SYSTEMS FURNITURE NOTE FOR 'J' FEEDS ON DRAWING E5.2.
- 8 REFER TO SYSTEMS FURNITURE NOTE FOR 'VR' ON DRAWING E5.2.
- 9 "PAC-POLE" 3048mm UTILITY COLUMN C/W TWO DUPLEX GROUNDED RECEPTACLES AND COMMUNICATIONS RACEWAY. FASTEN PAC-POLE AT TOP TO WALL WITH TEMPORARY ANCHOR BRACKET. RUN AC90 CABLE FROM TOP OF POLE THROUGH THE WALL ABOVE THE CEILING IN THE CONDUIT ADJACENT ROOM 126 TO THE EXISTING ELECTRICAL PANEL IN ROOM 127. PROVIDE TWO NEW 15A-1P BREAKERS FOR CIRCUITRY TO THIS PAC-POLE. PROVIDE TWO DATA CABLES C/W TERMINATIONS FROM THIS PAC-POLE TO THE ROOM 003 IN THE BASEMENT. RUN DATA CABLES INTO ROOM 127 AND CORE A HOLE IN THIS ROOM TO THE BASEMENT AND TERMINATE ON DATA RACK IN ROOM 003. FASTEN THE AC90 AND DATA CABLES WITH TEMPORARY CLAMPS TO THE EXISTING WALL AND CEILING. PROVIDE FIRE STOPPING AROUND CABLES AT EACH WALL AND FLOOR PENETRATION.
- 10 "PAC-POLE" 3048mm UTILITY COLUMN C/W TWO DUPLEX GROUNDED RECEPTACLES AND COMMUNICATIONS RACEWAY. FASTEN PAC-POLE AT TOP TO WALL WITH TEMPORARY ANCHOR BRACKET. RUN AC90 CABLE FROM TOP OF POLE THROUGH THE SAME LOCATION IN THE WALL ABOVE THE CEILING IN THE ADJACENT ROOM 126 TO THE EXISTING ELECTRICAL PANEL CP1 IN ROOM 127. PROVIDE TWO NEW 15A-1P BREAKERS FOR CIRCUITRY TO THIS PAC-POLE. FASTEN THE AC90 CABLES WITH TEMPORARY CLAMPS TO THE EXISTING WALL AND CEILING. PROVIDE FIRE STOPPING AROUND CABLES AT EACH WALL AND FLOOR PENETRATION. PAC-POLES SHALL BE MANUFACTURED BY WIREMOLD OR PILGRIM OR APPROVED EQUAL. WHEN THE TEMPORARY SPACE IS REMOVED REMOVE BOTH PAC-POLES AND ASSOCIATED WIRING AND COMMUNICATIONS CABLES AND CONDUITS. PATCH AND REPAIR WALL TO MATCH EXISTING WALL FINISH. TURN PAC-POLES OVER TO THE OWNER FOR SALVAGE.
- 11 PROVIDE A TEMPORARY CABLE FROM THE EXISTING LOADING DOCK INTERCOM TO THIS SPACE AND CONNECT TO THE RELOCATED MASTER STATION.
- 12 PROVIDE CABLE FROM THE EXISTING LOADING DOCK INTERCOM TO A JUNCTION BOX BELOW THE COUNTER FOR CONNECTION TO THE INTERCOM MASTER STATION.
- 13 SFC - SYSTEM FURNITURE COLUMN, SUPPLIED BY SYSTEM FURNITURE SUPPLIER.

- 14 PROVIDE DUPLEX GFCI RECEPTACLE BELOW COUNTER AUTOMATIC FAUCETS. COORDINATE LOCATION & REQUIREMENTS WITH MECHANICAL CONTRACTOR.
- 15 EXISTING PANEL CP1 - ON/OFF CONTROLLED BY CONTACTORS FOR CAR PARKING. CONTRACTOR SHALL DISABLE ON/OFF CONTROL FOR THE DURATION OF THIS RENOVATION, SO PANEL IS PERMANENTLY ENERGIZED (ON AT ALL TIMES).
- 16 EXISTING PUBLIC ADDRESS/SOUNDMASKING DESKTOP MICROPHONE IN EXISTING AREA 105 SHALL BE RELOCATED IN TWO PHASES: PHASE 1 - RELOCATE MICROPHONE TO DESK IN NEW TEMPORARY ROOM WEST OF ROOM 126. PROVIDE NEW 2-CONDUCTOR #22 AWG CABLE IN 16MM CONDUIT FROM DESK LOCATION TO EXISTING PUBLIC ADDRESS/SOUNDMASKING AUDIO RACK IN ROOM 003. PHASE 2 - RELOCATE MICROPHONE TO DESK IN NEW ROOM 144. ONCE CONSTRUCTION OF ROOM 144 IS COMPLETE. PROVIDE NEW 2-CONDUCTOR #22 AWG CABLE IN 21MM CONDUIT FROM DESK LOCATION TO EXISTING PUBLIC ADDRESS/SOUNDMASKING AUDIO RACK IN ROOM 003.
- 17 RECEPTACLES FOR WALL MOUNTED MONITORS. COORDINATE FINAL LOCATIONS WITH ARCHITECTURAL DETAILS.
- 18 PROVIDE TEMPORARY 35mm CONDUIT STUBBED FROM ROOM 127 BELOW THE CEILING TILE OF ROOM 126 AND STUB INTO TEMPORARY SPACE IN THE DRYWALL JUST BELOW THE EXISTING BLACK PANEL. PATCH AND REPAIR WALL TO MATCH EXISTING WHEN TEMPORARY SPACE IS DELETED AND CONDUIT IS REMOVED.
- 19 SMOKE DAMPER SHALL BE CONTROLLED BY THE FIRE ALARM SYSTEM. PROVIDE A NEW FIRE ALARM CONTROL RELAY MODULE AT OR NEAR THE SMOKE DAMPER TO OPERATE THE DAMPER. PROVIDE A 120 VOLT EMERGENCY POWER CONNECTION TO THE SMOKE DAMPER'S ELECTRIC ACTUATOR. PROVIDE A FIRE ALARM MONITOR MODULE FOR THE SMOKE DAMPER TO MONITOR THE OPEN/CLOSE STATUS OF THE END SWITCH PROVIDED WITH THE EXTERNAL CONTACTS. CONFIRM LOCATION WITH MECHANICAL CONTRACTOR.

GENERAL NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY DEMOLITION INCLUDING LIGHTING, ELECTRICAL AND COMMUNICATION SYSTEMS WITHIN THE BUILDING AS OUTLINED IN THE ELECTRICAL AND ARCHITECTURAL DRAWINGS. ALL ABANDONED CONDUIT, DUCTS, BOXES, WIRE AND COMMUNICATION CABLES (EXISTING CONDITIONS) AND AS A RESULT OF THE RENOVATIONS) SHALL BE REMOVED.
2. WHERE WALLS AND OTHER EXISTING ITEMS ARE TO BE REMOVED, THE CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL DEVICES INCLUDING RECEPTACLES, SWITCHES, COMMUNICATIONS AND DATA OUTLETS AND FIRE ALARM DEVICES.
3. PROVIDE DEMOLITION AND REMOVAL OF ALL TEMPORARY ELECTRICAL SERVICES AND EQUIPMENT IN TEMPORARY SPACE WEST OF 126 ONCE CONSTRUCTION OF NEW ROOM 144 IS COMPLETE.
4. REFER TO DRAWING E6.2 PHASE 1 AREA KEYNOTE #3 FOR FIRE ALARM SPEAKER OR SPEAKER/STROBE REVISIONS.
5. FIRE ALARM LOOP 'SLXX'.



POWER & SYSTEMS PLAN - MAIN FLOOR EAST



SYSTEMS FURNITURE FED FROM SURFACE VERTICAL RACEWAYS (VR):

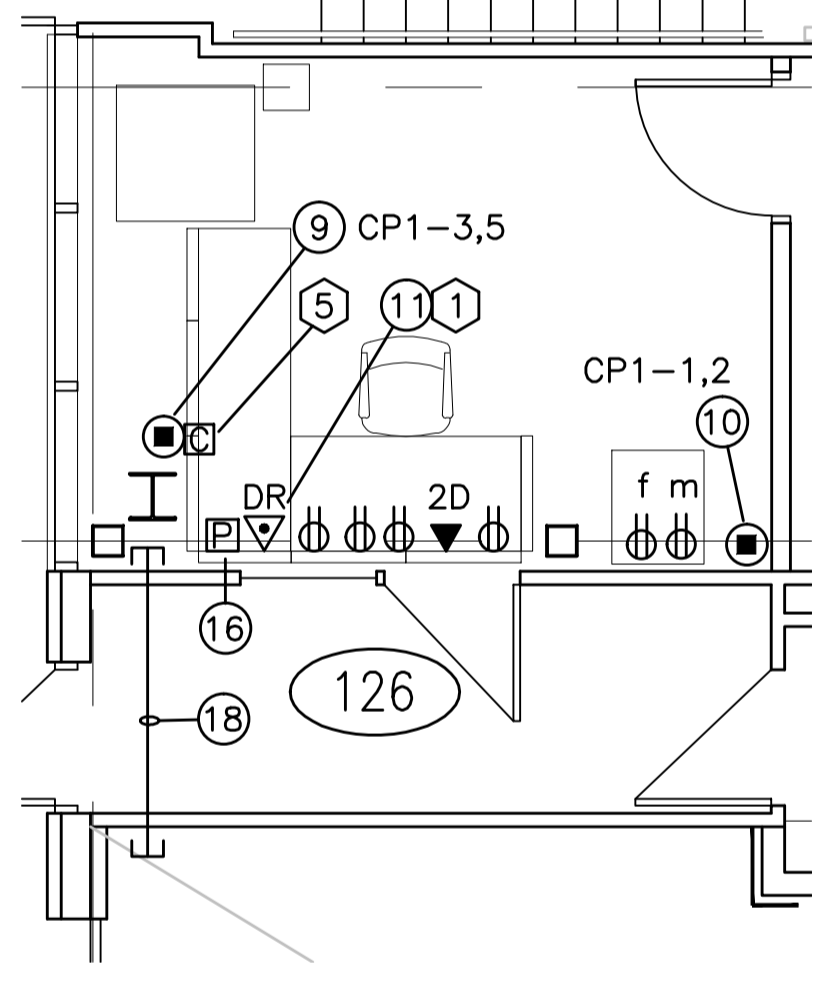
- RACEWAY PROVIDED BY ELECTRICAL CONTRACTOR AS SHOWN ON POWER DRAWINGS.
1. SYSTEM FURNITURE IS PRE-WIRED FOR POWER AND IS COMPLETE WITH RECEPTACLES MOUNTED WITHIN THE FURNITURE, AND POWER CABLES RUN WITHIN FURNITURE CONNECTED TO A POWER WHIP. PROVIDE THE FOLLOWING:
 - a. POWER FOR SYSTEM FURNITURE CIRCUITRY SHALL RUN FROM ACCESSIBLE CEILING SPACE AND RUN DOWN WITHIN VERTICAL RACEWAYS. CIRCUITRY SHALL RUN FROM VERTICAL RACEWAY TO SURFACE JUNCTION BOX, NOTED BELOW.
 - b. PROVIDE A SURFACE JUNCTION BOX MOUNTED ON FLOOR ADJACENT TO LOCATION ON SYSTEM FURNITURE WHERE EACH POWER WHIP EXITS THE SYSTEM FURNITURE PANEL. PROVIDE FINAL CIRCUITRY CONNECTIONS AND TERMINATIONS TO EACH SYSTEM FURNITURE POWER WHIP WITHIN JUNCTION BOX. CIRCUITRY QUANTITY AND GROUPING AT EACH WORKSTATION AS SHOWN ON POWER DRAWING.
 2. PROVIDE DATA COMMUNICATIONS JUNCTION BOXES, CABLES, JACKS AND COVERPLATES WITHIN SYSTEM FURNITURE AT EACH WORKSTATION - QUANTITIES, TYPES, AND GROUPINGS SHALL REMAIN AS SHOWN ON POWER DRAWING. SYSTEM FURNITURE IS PROVIDED WITH COMMUNICATIONS CUTOUTS ABOVE AND BELOW COUNTER TO ACCEPT DATA JUNCTION BOXES AND JACKS - REFER TO ARCHITECTURAL DETAILS FOR LOCATIONS OF CUTOUTS TO BE USED. DATA CABLES SHALL RUN DOWN FROM ACCESSIBLE CEILING INTO VERTICAL RACEWAY AND THEN BE ROUTED THROUGH SYSTEM FURNITURE TO THE JUNCTION BOXES AT THE COMMUNICATIONS CUTOUTS AND BE TERMINATED WITH JACKS AND COVERPLATES.

SYSTEM FURNITURE FED FROM WALL FEED ('J'):

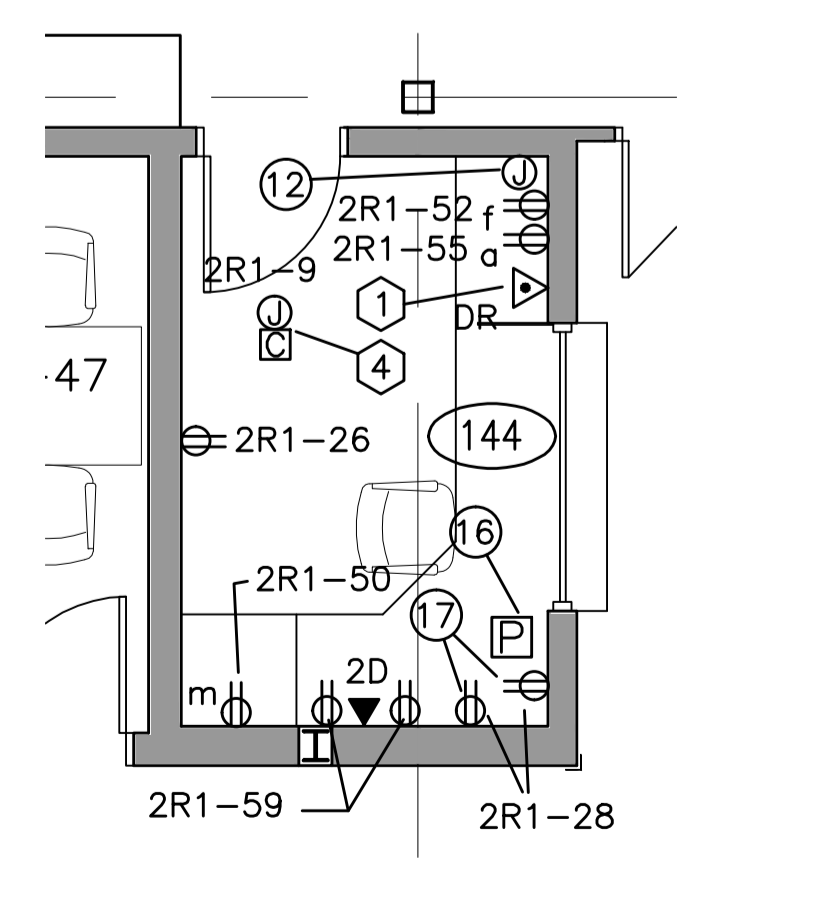
1. SYSTEM FURNITURE IS PRE-WIRED FOR POWER AND IS COMPLETE WITH RECEPTACLES MOUNTED WITHIN THE FURNITURE, AND POWER CABLES RUN WITHIN FURNITURE CONNECTED TO A POWER WHIP. PROVIDE THE FOLLOWING:
 - a. PROVIDE WALL FEED POWER CONNECTIONS TO SYSTEM FURNITURE. PROVIDE A FLUSH MOUNTED JUNCTION BOX C/W BRANCH CIRCUITRY MOUNTED UP 450MM IN NEW WALL BEHIND FURNITURE FOR POWER CONNECTIONS, AND PROVIDE FINAL CIRCUITRY CONNECTIONS AND TERMINATIONS TO SYSTEM FURNITURE POWER WHIPS AT THE JUNCTION BOX. CIRCUITRY QUANTITY AND GROUPING AT EACH WORKSTATION SHALL BE AS SHOWN ON POWER DRAWING. COORDINATE FINAL LOCATION OF JUNCTION BOXES WITH FURNITURE SUPPLIER.
2. PROVIDE DATA COMMUNICATIONS JUNCTION BOXES, CABLES, JACKS AND COVERPLATES WITHIN SYSTEM FURNITURE AT EACH WORKSTATION - QUANTITIES, TYPES, AND GROUPINGS SHALL BE AS SHOWN ON POWER DRAWING. SYSTEM FURNITURE IS PROVIDED WITH COMMUNICATIONS CUTOUTS ABOVE AND BELOW COUNTER TO ACCEPT DATA JUNCTION BOXES AND JACKS - REFER TO ARCHITECTURAL DETAILS FOR LOCATIONS OF CUTOUTS TO BE USED. DATA CABLES SHALL RUN IN CONDUIT WITHIN WALL DOWN TO JUNCTION BOXES MOUNTED UP 450MM. - TWO CONDUITS AND JUNCTION BOXES PER WORKSTATION. CABLES SHALL BE ROUTED FROM ACCESSIBLE CEILING DOWN CONDUIT AND RUN FROM JUNCTION BOXES INTO SYSTEM FURNITURE. CABLES SHALL RUN THROUGH SYSTEM FURNITURE TO THE JUNCTION BOXES AT THE COMMUNICATIONS CUTOUTS AND BE TERMINATED WITH JACKS AND COVERPLATES.

SYSTEM FURNITURE FED FROM INTEGRAL VERTICAL SERVICE COLUMNS (SFC):

1. SYSTEM FURNITURE IS PROVIDED WITH VERTICAL SERVICE COLUMNS WITH BARRIERS FOR POWER AND COMMUNICATIONS - REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS. SYSTEM FURNITURE IS PRE-WIRED FOR POWER AND IS COMPLETE WITH RECEPTACLES MOUNTED WITHIN THE FURNITURE, AND POWER CABLES RUN WITHIN FURNITURE AND UP THE SERVICE COLUMN TO A POWER WHIP IN THE ACCESSIBLE CEILING SPACE. DATA JACKS SHALL BE MOUNTED WITHIN SYSTEM FURNITURE PANELS - SEE ITEM 4 BELOW.
2. RECEPTACLES WITHIN SYSTEM FURNITURE WILL BE PROVIDED BY FURNITURE SUPPLIER AND ARE PRE-WIRED C/W POWER WHIPS - SEE ITEM 3 BELOW. DATA JACKS SHALL BE MOUNTED WITHIN SYSTEM FURNITURE PANELS - SEE ITEM 4 BELOW.
3. SYSTEM FURNITURE IS PRE-WIRED FOR POWER AND IS COMPLETE WITH RECEPTACLES MOUNTED WITHIN THE FURNITURE, AND POWER CABLES RUN WITHIN FURNITURE CONNECTED TO A POWER WHIP. PROVIDE THE FOLLOWING:
 - a. PROVIDE A JUNCTION BOX IN THE ACCESSIBLE CEILING SPACE FOR POWER CONNECTIONS MOUNTED ON THE UNDERSIDE OF THE STRUCTURE ABOVE EACH SERVICE COLUMN AND POWER WHIPS - SEE ITEM 3 BELOW. DATA JACKS SHALL BE MOUNTED WITHIN SYSTEM FURNITURE POWER WHIPS WITHIN JUNCTION BOX. CIRCUITRY QUANTITY AND GROUPING AT EACH WORKSTATION SHALL BE AS SHOWN ON POWER DRAWING.
4. PROVIDE DATA COMMUNICATIONS JUNCTION BOXES, CABLES, JACKS AND COVERPLATES WITHIN SYSTEM FURNITURE AT EACH WORKSTATION - QUANTITIES, TYPES, AND GROUPINGS SHALL BE AS SHOWN ON POWER DRAWING. SYSTEM FURNITURE IS PROVIDED WITH COMMUNICATIONS CUTOUTS ABOVE AND BELOW COUNTER TO ACCEPT DATA JUNCTION BOXES AND JACKS - REFER TO ARCHITECTURAL DETAILS FOR LOCATIONS OF CUTOUTS TO BE USED. PROVIDE DATA CABLES RUN FROM ACCESSIBLE CEILING INTO SYSTEM FURNITURE VERTICAL SERVICE COLUMNS, AND ROUTED WITHIN SYSTEM FURNITURE TO THE JUNCTION BOX AT THE COMMUNICATIONS CUTOUTS AND TERMINATE WITH JACKS AND COVERPLATES.
5. REFER TO ARCHITECTURAL DRAWINGS A6.1, A6.2 AND A6.3 FOR FURNITURE LAYOUT DATA CABLE CONNECTIONS.



2 PARTIAL PLAN MAIN FLOOR EAST E5.2 1:50



3 PARTIAL PLAN MAIN FLOOR EAST E5.2 1:50

DOOR INTERCOM SYSTEM KEYNOTES

THE BUILDING IS PROVIDED WITH AN EXISTING DOOR INTERCOM SYSTEM. THE SYSTEM SHALL REMAIN OPERATIONAL DURING THIS RENOVATION, AND WILL REQUIRE TEMPORARY AND PERMANENT RELOCATION OF DEVICES AND WIRING AS FOLLOWS (REFER ALSO TO DRAWING E1.2 FOR EXISTING LOCATIONS):

1. MASTER STATION WITH DOOR RELEASE (AIPHONE LAF-5)
- a. EXISTING MASTER STATION IS LOCATED IN ROOM 105 AT MAIN CONTROL DESK CONNECTED TO INTERCOM STATIONS AND DOOR RELEASES AT ENTRANCE VESTIBULE 101, AND LOADING DOCK ENTRANCE CORRIDOR 131 (PREVIOUSLY CORRIDOR 139)
- b. EXISTING MASTER STATION SHALL BE TEMPORARILY RELOCATED TO TEMPORARY ROOM WEST OF 126 - SEE PLAN ON DETAIL 2 ON DRAWING E5.2. PROVIDE TEMPORARY CABLING FROM EXISTING INTERCOM TERMINAL CABINET TO MATCH EXISTING. MASTER STATION SHALL CONTINUE TO OPERATE INTERCOM STATIONS AND DOOR RELEASES IN VESTIBULE 101 AND CORRIDOR 131.
- c. ONCE NEW ROOM 144 IS COMPLETE, THE MASTER STATION SHALL BE RELOCATED FROM THE TEMPORARY LOCATION TO ROOM 144. PROVIDE NEW CABLE TO INTERCOM TERMINAL CABINET IN CEILING SPACE OF ROOM 144.
2. EXISTING INTERCOM STATION AND DOOR RELEASE IN VESTIBULE 101.
- a. EXISTING LOCATION SHALL REMAIN AND OPERATION SHALL CONTINUE THROUGH RENOVATION FROM MASTER STATION TEMPORARY LOCATION TO FINAL LOCATION IN ROOM 144.
3. EXISTING EXTERIOR INTERCOM STATION AND DOOR RELEASE IN CORRIDOR 131.
- a. EXISTING LOCATION SHALL REMAIN AND OPERATION SHALL CONTINUE THROUGH RENOVATION FROM MASTER STATION TEMPORARY LOCATION TO FINAL LOCATION IN ROOM 144.
4. EXISTING INTERCOM TERMINAL CABINET, POWER SUPPLY AND AUDIBLE CHIME.
- a. EXISTING EQUIPMENT IS LOCATED IN THE CEILING SPACE OF NEW AREA 102 (PREVIOUSLY AREA 105).
- b. RELOCATE TO CEILING SPACE OF NEW ROOM 144 PRIOR TO CONSTRUCTION OF TEMPORARY SPACE WEST OF 126.
- c. ALL EXISTING CABLING FROM INTERCOM MASTER STATION (BOTH TEMPORARY LOCATION AND FINAL LOCATION IN ROOM 144), INTERCOM STATION AT VESTIBULE 101, AND EXTERIOR INTERCOM AT NEW CORRIDOR 131 SHALL BE RELOCATED FROM EXISTING INTERCOM TERMINAL CABINET LOCATION TO NEW LOCATION IN CEILING SPACE OF ROOM 144.
5. THE AUDIBLE CHIME NOTED ABOVE IN NOTE 4 SHALL BE TEMPORARILY RELOCATED TO THE TEMPORARY SPACE WEST OF 126. THE AUDIBLE CHIME SHALL BE RELOCATED TO NEW ROOM 144 ONCE CONSTRUCTION IS COMPLETE.

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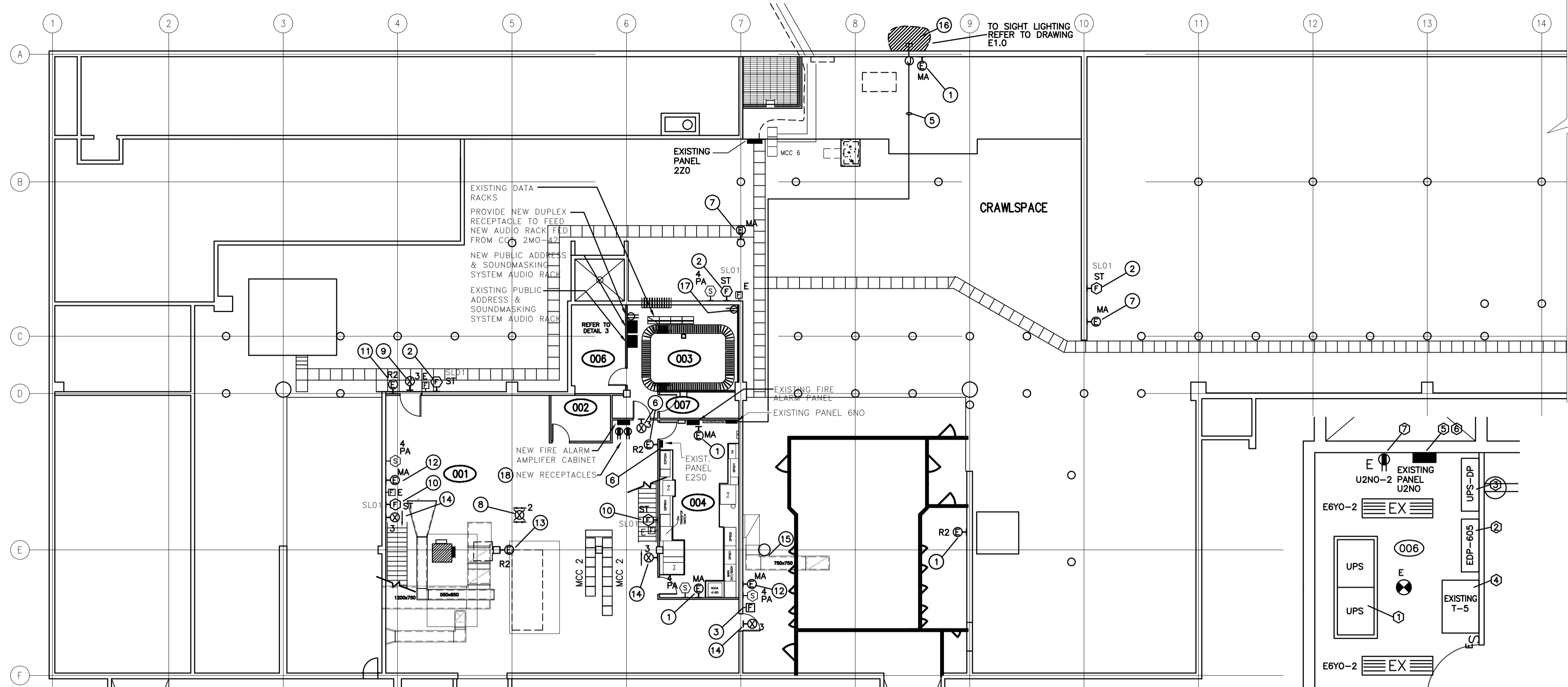
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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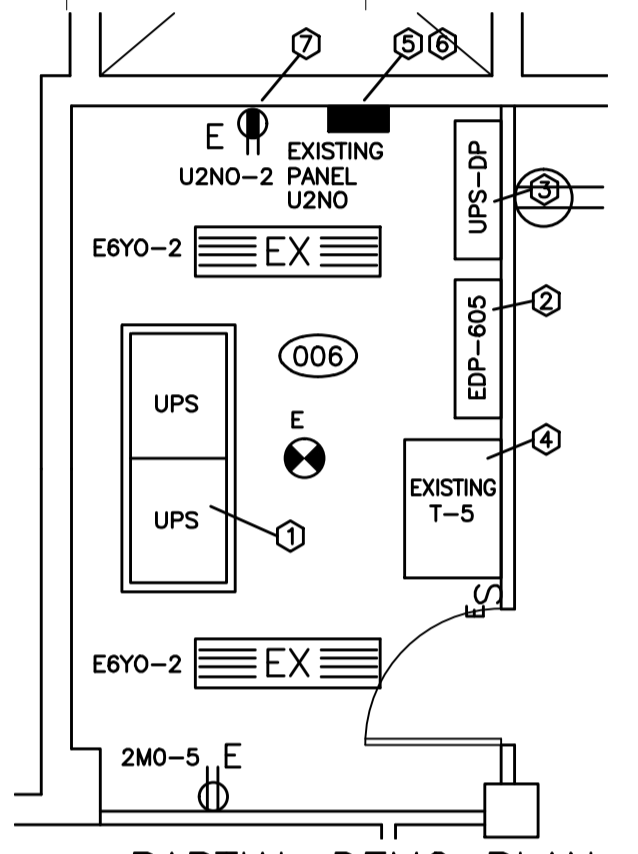
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**MAIN FLOOR PLAN EAST
 POWER & SYSTEMS PLAN**

Project No./No. du projet	Sheet/Feuille	Revision no./ Le Révision no.
13/2015	E5.2	0

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1 POWER, LIGHTING & SYSTEMS PLAN - BASEMENT
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3 PARTIAL DEMO PLAN ROOM 006
1:50

DRAWING NOTES:

- CONTRACTOR SHALL REMOVE THE EXISTING EMERGENCY BATTERY PACK AND SUPPLY AND INSTALL NEW EMERGENCY BATTERY PACK IN THE SAME LOCATION. BATTERY PACK SHALL BE CONNECTED TO EXISTING LIGHTING CIRCUITRY SERVING THAT AREA.
- CONTRACTOR SHALL REMOVE THE EXISTING HORN STROBE AND SUPPLY AND INSTALL NEW SPEAKER STROBE AT THE SAME LOCATION. DEVICE SHALL MATCH EXISTING MANUFACTURER 'NOTIFIER'.
- CONTRACTOR SHALL SUPPLY AND INSTALL NEW FIRE ALARM PULL STATION. DEVICE SHALL MATCH EXISTING MANUFACTURER 'NOTIFIER'.
- DISCONNECT EXISTING FANS SHOWN AS DASHED AND REMOVE ALL ASSOCIATED CONDUIT AND WIRING BACK TO THE MCC.
- PROVIDE EMT CONDUIT FROM ELECTRICAL ROOM TO EXTERIOR FOUNDATION AND STUB INTO A NEW PULL BOX. TRANSITION TO RIGID PVC CONDUIT AND STUB OUT 914mm BELOW GRADE. REFER TO SITE PLAN FOR UNDER GROUND FEEDERS TO SITE LIGHTING. REFER TO PANEL SCHEMATICS FOR CIRCUITRY AND CONTROLS.
- SUPPLY AND INSTALL NEW EMERGENCY REMOTE HEAD AT THE TOP OF THE STAIRS. PROVIDE A NEW EXIT SIGN AT THE TOP OF THE STAIRS AND CONNECT TO EXISTING EXIT SIGN CIRCUITRY.
- SUPPLY AND INSTALL A NEW EMERGENCY BATTERY PACK MOUNTED TO THE CONCRETE COLUMN. MOUNT UNIT SO IT IS VISIBLE BELOW EXISTING MECHANICAL EQUIPMENT.
- SUPPLY AND INSTALL A NEW EXIT SIGN SUSPENDED DOWN FROM THE CEILING BY CONDUIT TO AN ELEVATION VISIBLE BELOW EXISTING MECHANICAL PIPING.
- REPLACE EXISTING EXIT SIGN WITH NEW AT SAME LOCATION.
- CONTRACTOR SHALL SUPPLY AND INSTALL NEW FIRE ALARM SIGNAL DEVICE. DEVICE SHALL MATCH EXISTING MANUFACTURER 'NOTIFIER'.
- CONTRACTOR SHALL REMOVE THE EXISTING EMERGENCY BATTERY PACK AND SUPPLY AND INSTALL NEW REMOTE HEAD IN THE SAME LOCATION.
- SUPPLY AND INSTALL NEW EMERGENCY BATTERY PACK.
- REMOVE EXISTING REMOTE HEAD AND SUPPLY AND INSTALL NEW EMERGENCY REMOTE HEAD AT EXISTING LOCATION.
- SUPPLY AND INSTALL A NEW EXIT SIGN AND CONNECT TO EXISTING EXIT SIGN CIRCUIT.
- CONTRACTOR SHALL INTERCEPT EXISTING (4) CONDUITS IN THE AREA OF THE NEW DUCTWORK AND RE-ROUTE TO ENSURE JUNCTION BOXES ARE ACCESSIBLE FOLLOWING DUCT INSTALLATION. CONTRACTOR SHALL REVIEW THE SITE TO CONFIRM CONDUIT ROUTING AND FEEDERS DURING THE TENDER PERIOD.
- EXCAVATE AT FOUNDATION WALL FOR NEW SITE LIGHTING FEEDERS. CORE HOLE THROUGH FOUNDATION WALL TO FEED THROUGH CONDUITS. SEAL AND WATERPROOF PENETRATIONS AND BACKFILL.
- REMOVE EXISTING UPS RECEPTACLE AND ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE.
- PROVIDE TWO NEW DUPLEX RECEPTACLES FOR FIRE ALARM AMPLIFIER POWER SUPPLIES. CONNECT INTO SPARE CIRCUITS E250-15 AND E250-17.

GENERAL NOTES:

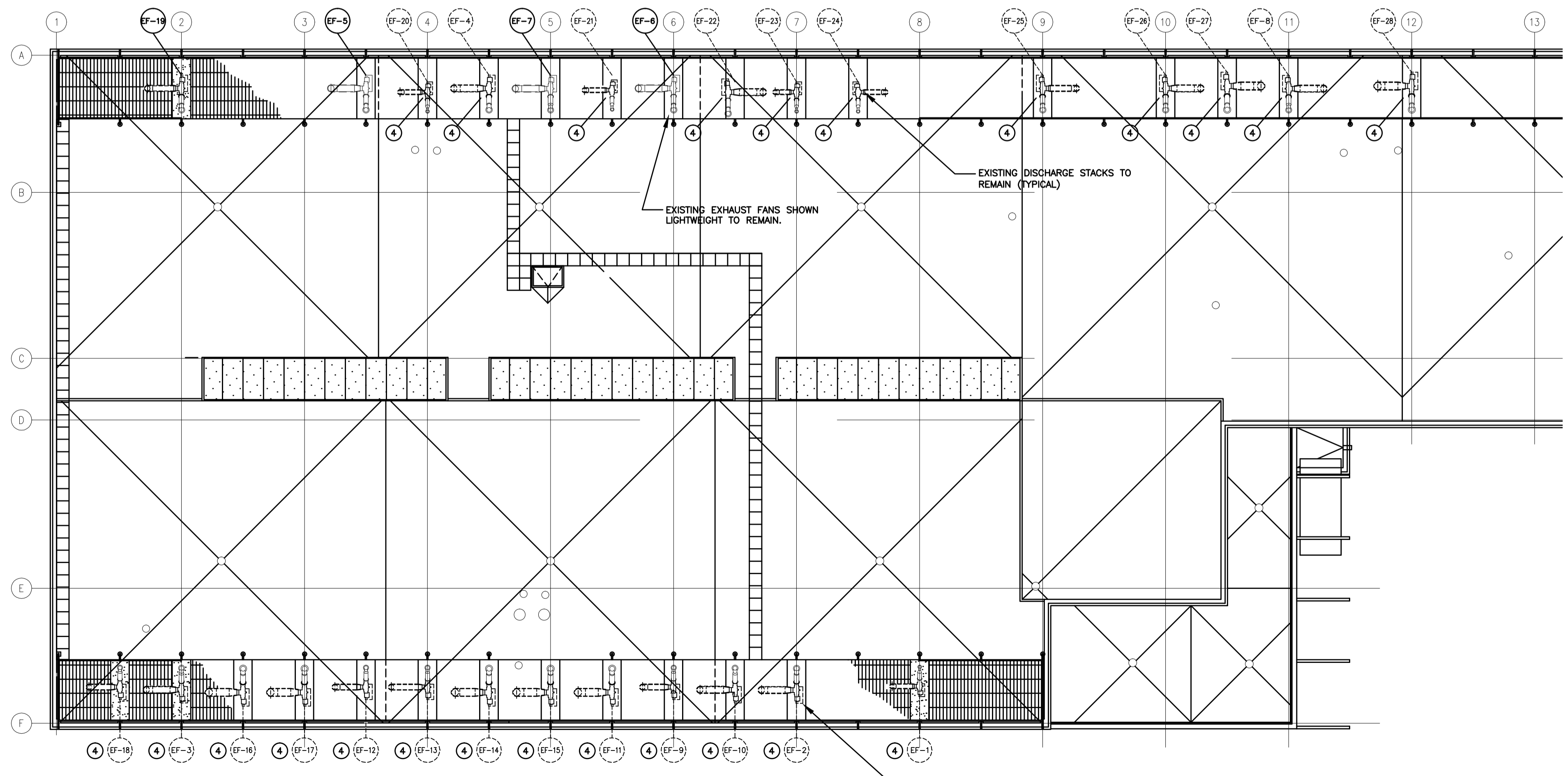
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY DEMOLITION INCLUDING LIGHTING, ELECTRICAL AND COMMUNICATION SYSTEMS WITHIN THE BUILDING AS OUTLINED IN THE ELECTRICAL AND ARCHITECTURAL DRAWINGS. ALL ABANDONED CONDUIT, DUCTS, BOXES, WIRE AND COMMUNICATION CABLES (EXISTING CONDITIONS AND AS A RESULT OF THE RENOVATIONS) SHALL BE REMOVED.
- EXISTING EXIT SIGNS, EMERGENCY LIGHTING UNITS AND FIRE ALARM DEVICES REMOVED AS A RESULT OF THIS RENOVATION SHALL BE TURNED OVER TO THE OWNER FOR SALVAGE. ALL ITEMS THAT ARE NOT ACCEPTED AS SALVAGE BY THE OWNER SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.
- ALL NEW FIRE ALARM DEVICES SHALL BE VERIFIED AS OPERATIONAL BY THE MANUFACTURER'S REPRESENTATIVE.
- ALL NEXUS EXIT SIGNS AND EMERGENCY LIGHTS SHALL BE VERIFIED AS OPERATIONAL ON THE NEXUS SYSTEM.
- DISCONNECT ALL EXISTING MECHANICAL EQUIPMENT THAT IS BEING ABANDONED AS A RESULT OF THIS RENOVATION AND REMOVE EXISTING DISCONNECT SWITCHES, CONDUITS AND WIRING BACK TO THE SOURCE. EXISTING STARTERS SHALL BE RE-LABELLED AS SPARE. WHERE CONDUITS OR CABLES THAT PENETRATE THE ROOF HAVE BEEN REMOVED THE CONTRACTOR SHALL PROVIDE A WATER TIGHT SEAL.

UNINTERRUPTIBLE POWER SUPPLY (UPS) DEMO KEYNOTES:

- THE EXISTING UPS SYSTEM LOCATED IN ROOM 006 AND ASSOCIATED DISTRIBUTION, CONDUITS, CABLES AND FEEDERS SHALL BE DECOMMISSIONED AND REMOVED AS PART OF THE PROJECT. SEAL AND FIRESTOP ALL PENETRATIONS IN WALLS AND FLOORS WHERE CONDUITS AND FEEDERS HAVE BEEN REMOVED. THE SYSTEM INCLUDES THE FOLLOWING EQUIPMENT:
- LIEBERT SERIES 300 UPS MODULES AND BATTERY CABINETS
 - UPS DISTRIBUTION PANEL EDP-605
 - UPS DISTRIBUTION PANEL UPS-DP AND UPS OUTPUT BREAKER
 - TRANSFORMER T5
 - DISTRIBUTION PANELBOARDS U2N0 (BASEMENT), U2V1 (MAIN FLOOR), U2D2 (SECOND FLOOR), U2M1 (SECOND FLOOR), AND U2V2 (SECOND FLOOR). EXISTING PANEL ENCLOSURES IN ATRIUM CORRIDORS SHALL REMAIN. INTERNAL PORTION OF PANEL AND BREAKERS SHALL BE REMOVED.
 - EXISTING SWITCHES U2N0-9 "HONEYWELL MAIN PANELS" AND U2N0-11 "TRANSFER SWITCH TO POWER HOUSE" FED FROM UPS PANEL U2N0 SHALL BE RELOCATED TO PANEL E250, CIRCUITS E250-23 AND E250-24. PROVIDE NEW BREAKERS AND BRANCH CIRCUITRY.
 - REMOVE EXISTING UPS RECEPTACLE AND ASSOCIATED CONDUIT AND WIRING.

GENERAL

- EXISTING UPS EQUIPMENT AND DISTRIBUTION SHALL BE REMOVED FROM SITE.
- EXISTING BATTERIES SHALL BE TRANSPORTED TO A BATTERY RECYCLING FACILITY.
- EXISTING BRANCH CIRCUITRY AND CONDUITS FED FROM UPS PANELBOARDS IN RENOVATED AREAS SHALL BE REMOVED. CONTRACTOR SHALL TRACE ALL REMAINING EXISTING BRANCH CIRCUITS FED FROM UPS PANELS THAT FEED AREAS OUTSIDE THE RENOVATION AREA, AND RELOCATE TO NEAREST EXISTING 120 VOLT PANEL.



2 POWER PLAN - ROOF
1:150



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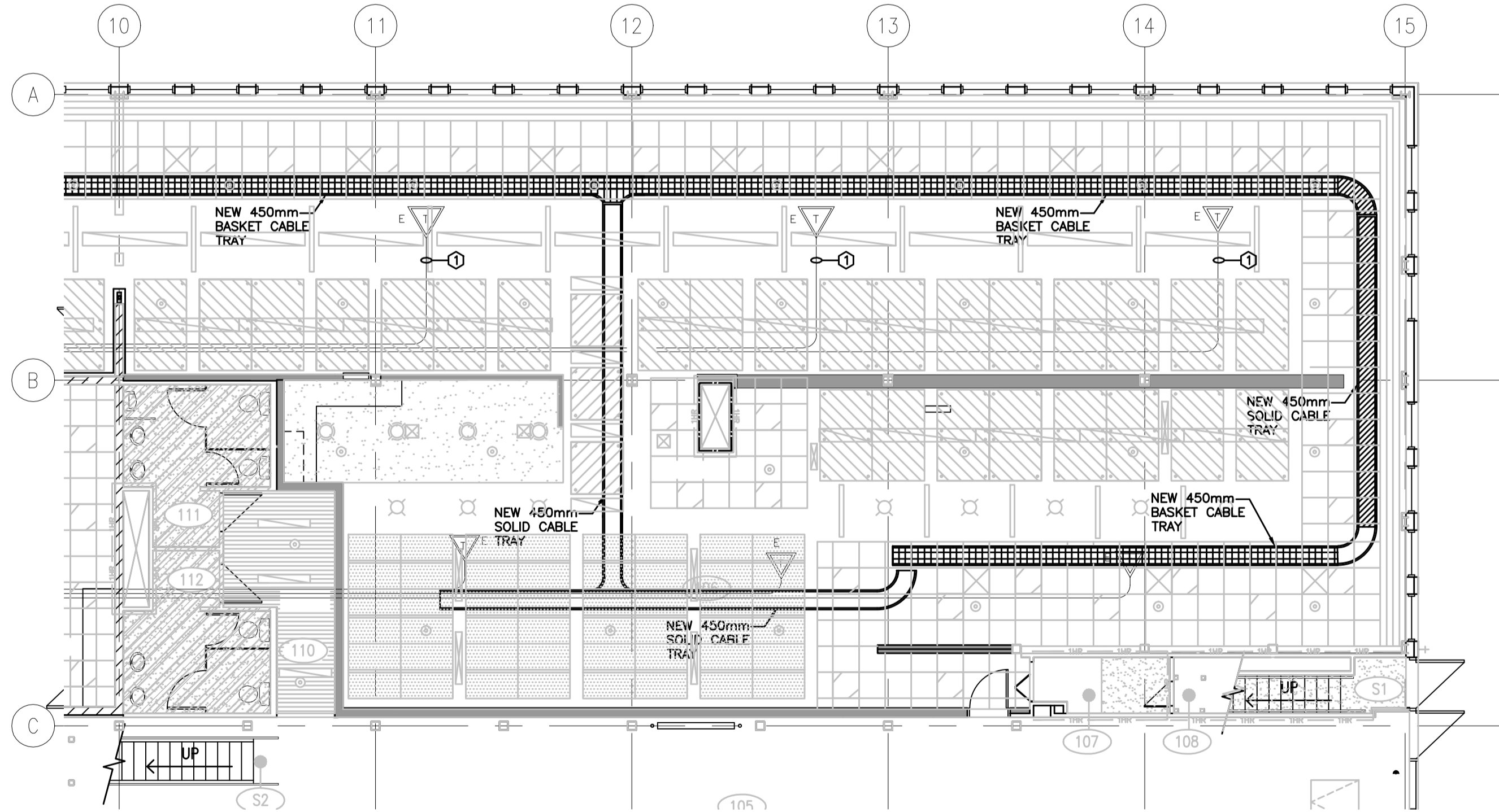
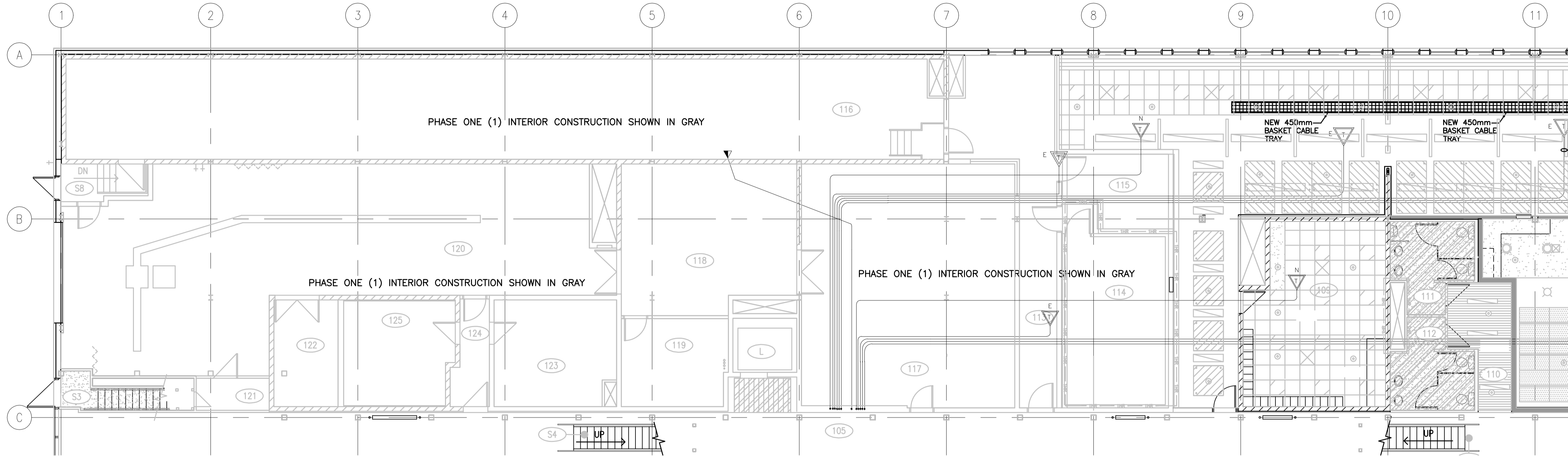
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**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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BASEMENT FLOOR PLAN

Project No./No. du projet 30/2015	Sheet/Feuille E5.3	Revision no./ La Révision no. 0
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GENERAL NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY DEMOLITION INCLUDING LIGHTING, ELECTRICAL AND COMMUNICATION SYSTEMS WITHIN THE BUILDING AS OUTLINED IN THE ELECTRICAL AND ARCHITECTURAL DRAWINGS. ALL ABANDONED CONDUIT, DUCTS, BOXES, WIRE AND COMMUNICATION CABLES (EXISTING CONDITIONS AND AS A RESULT OF THE RENOVATIONS) SHALL BE REMOVED.
2. WHERE WALLS AND OTHER EXISTING ITEMS ARE TO BE REMOVED, THE CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL DEVICES INCLUDING RECEPTACLES, SWITCHES, COMMUNICATIONS AND DATA OUTLETS AND FIRE ALARM DEVICES.

KEYNOTES:

- Ⓢ EXTEND EXISTING AREA CONDUIT AS PER SYMBOL SCHEDULE.

1 COMMUNICATIONS PLAN – MAIN FLOOR WEST
E5.4 1:100

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Revision/Revision	Description/Description	Date/Date
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Project Title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

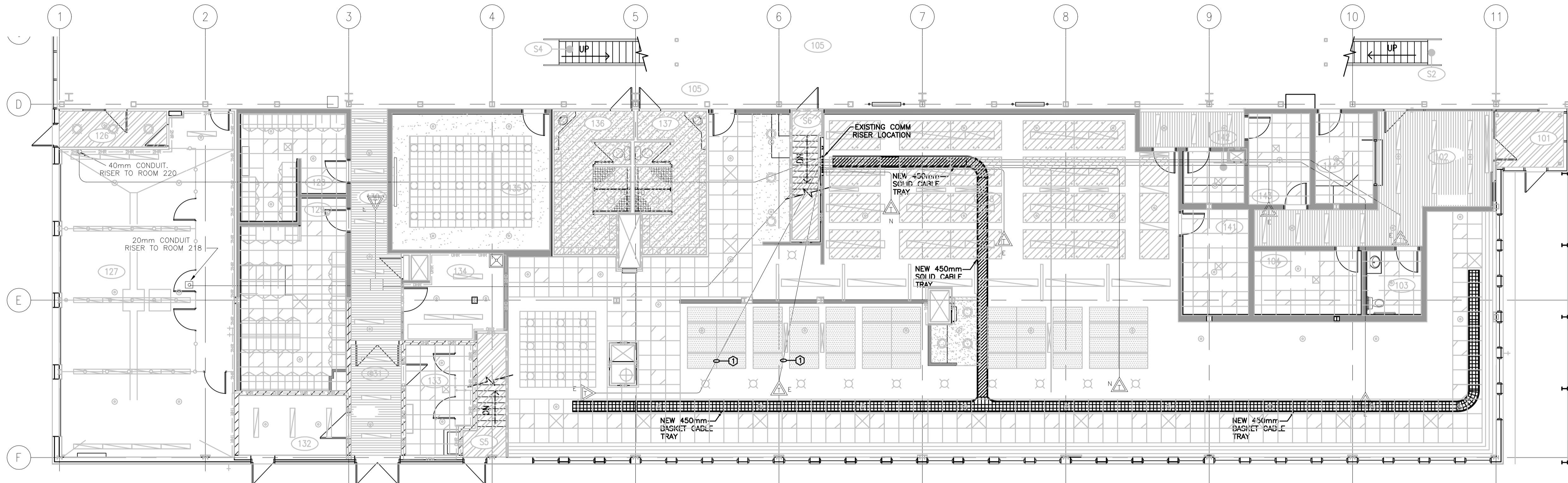
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**MAIN FLOOR PLAN WEST
 COMMUNICATIONS PLAN**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	E5.4	0

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1 COMMUNICATIONS PLAN – MAIN FLOOR EAST
 E5.5 1:100

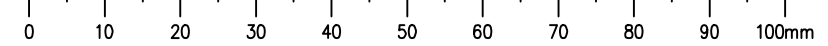
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KEYNOTES:

- ① EXTEND EXISTING AREA CONDUIT AS PER SYMBOL SCHEDULE.

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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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Project Manager/Administrateur de Projets
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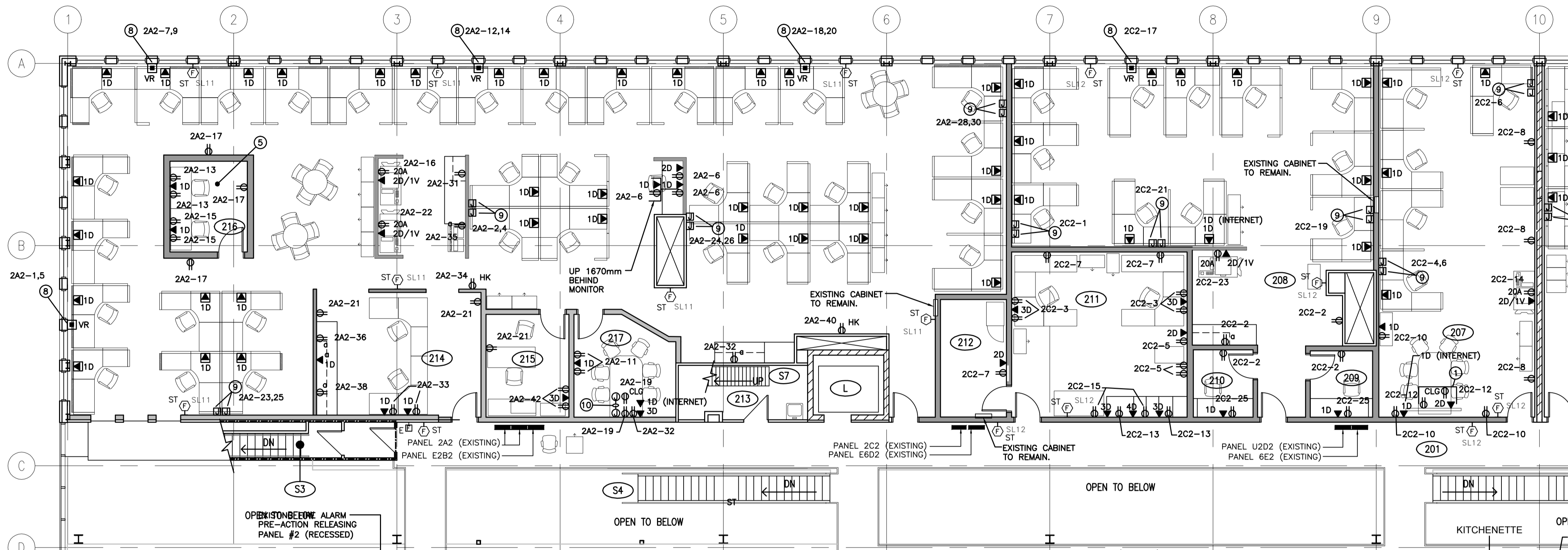
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Drawing title/Titre du dessin

**MAIN FLOOR PLAN EAST
 COMMUNICATIONS PLAN**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	E5.5	0

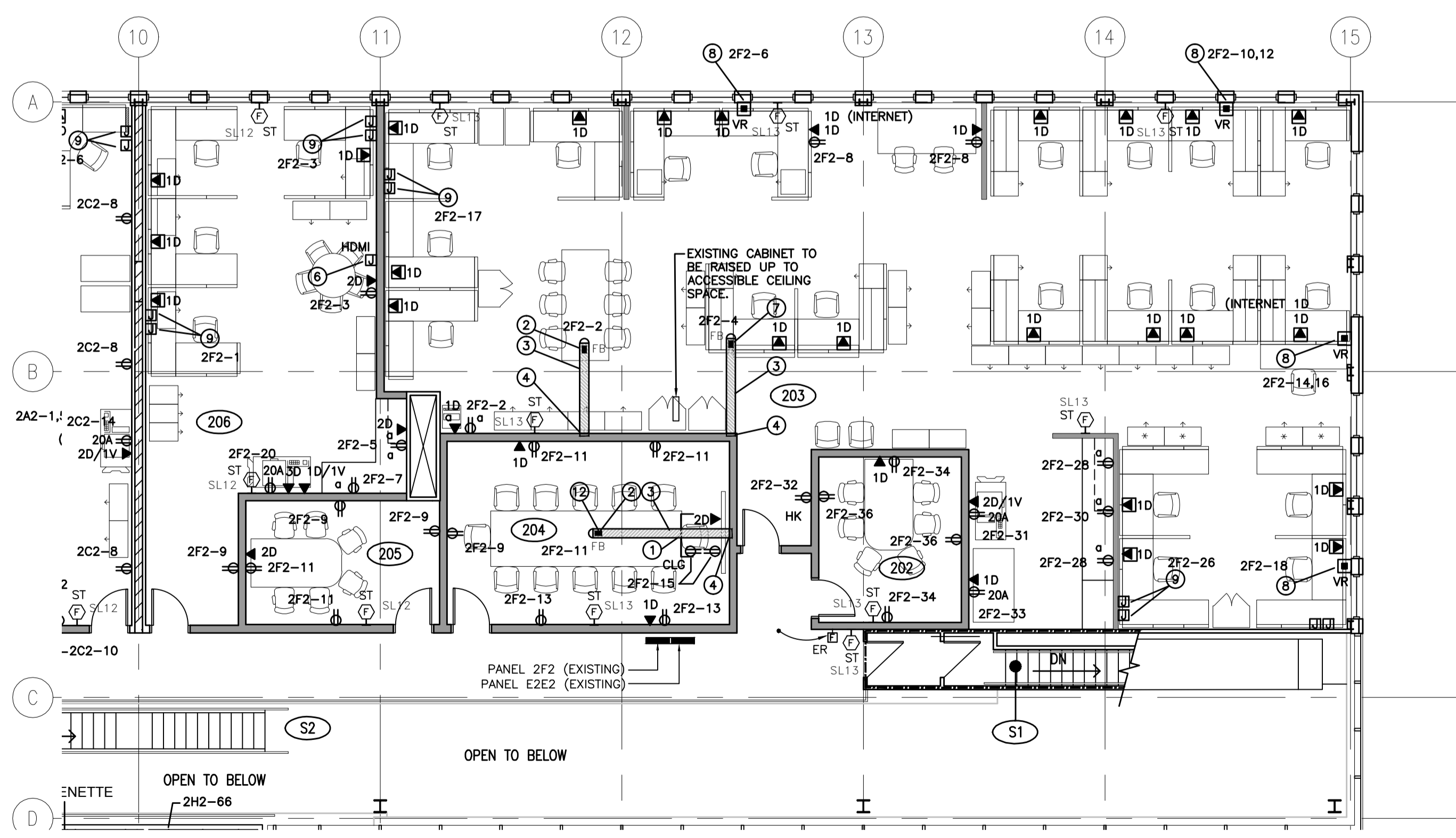




SECOND FLOOR POWER KEYNOTES

- 1 MOUNT RECEPTACLE AND DATA OUTLETS BEHIND MONITOR OUT OF SIGHT. PROVIDE 100mm SQUARE BOX C/W SINGLE GANG MUD RING AND STUB ONE 27mm CONDUIT UP TO CEILING SPACE AND DOWN TO A JUNCTION BOX UP 450mm. COORDINATE WITH MOUNTING HARDWARE.
- 2 CONNECTRAC MODULAR FLOOR BOX C/W ONE DUPLEX RECEPTACLE AND TWO DATA JACKS. REFER TO DETAIL 3 ON DRAWING E10.1.
- 3 CONNECTRAC IN-CARPET WIREWAY.
- 4 CONNECTRAC GALVANIZED STEEL FLEXIBLE CONDUIT FOR POWER AND EMT CONDUIT FOR DATA CABLE WITHIN WALL C/W MOUSEHOLE AT BOTTOM OF WALL.
- 5 ROOM 216 - CONTRACTOR SHALL NOT RUN ANY ELECTRICAL CONDUIT/CABLING THROUGH THIS SPACE OTHER THAN THOSE SERVING INSIDE THE ROOM.
- 6 PROVIDE ONE 100mm SQUARE JUNCTION BOX UP 450mm AND RUN ONE 27mm EMT CONDUIT FROM THIS BOX TO A SECOND 100mm SQUARE JUNCTION BOX MOUNTED UP BEHIND MONITOR FOR HDMI CABLE. CONFIRM MOUNTING HEIGHT OF MONITOR WITH OWNER PRIOR TO ROUGH-IN.
- 7 CONNECTRAC MODULAR FLOOR BOX C/W TWO DUPLEX RECEPTACLES AND TWO DATA JACKS. REFER TO DETAIL 3 ON DRAWING E10.1.
- 8 REFER TO SYSTEMS FURNITURE NOTE FOR 'J' FEEDS ON DRAWING E5.2.
- 9 REFER TO SYSTEMS FURNITURE NOTE FOR 'VR' ON DRAWING E5.2.
- 10 PROVIDE A 27mm CONDUIT FROM THE CEILING SPACE TO A 100 X 100mm JUNCTION BOX UP 450mm C/W PULL TWINE FOR OWNER'S VIDEO CABLE. MOUNT RECEPTACLE IN CEILING SPACE ADJACENT TO CONDUIT ABOVE THE CEILING TILE.
- 11 PROVIDE DUPLEX GFCI RECEPTACLE BELOW COUNTER FOR AUTOMATIC FAUCETS - COORDINATE LOCATION AND REQUIREMENTS WITH MECHANICAL CONTRACTOR.
- 12 PROVIDE TWO CAT5 CABLES AND TWO AUDIO CABLES C/W JACKS FROM THE JUNCTION BOX BEHIND THE MONITOR DOWN TO THE CONNECTRAC RACEWAY INSIDE THE WALL AND THROUGH THE CONNECTRAC TO THE FLOOR BOX. PROVIDE A BUSHED HOLE C/W GROMMET IN THE CONNECTRAC RACEWAY FOR CABLE TO EXTEND TO THE OWNER SUPPLIED TABLE BOX. LEAVE THREE METERS OF EXCESS OF EACH CABLE UNDER TABLE. PROVIDE TWO CAT5 CABLES AND TWO AUDIO CABLES C/W JACKS FROM THE JUNCTION BOX BEHIND THE MONITOR TO THE ACCESSIBLE CEILING SPACE. LEAVE THREE METERS OF EXCESS CABLE IN CEILING SPACE. CONFIRM AUDIO CABLE TYPE WITH OWNER. REFER TO DETAIL 2 ON DRAWING E10.1. CONFIRM WITH OWNER REQUIREMENTS.
- 13 CORE CONCRETE FLOOR FOR FEENERS RIMS TO

POWER & SYSTEMS PLAN - SECOND FLOOR WEST
E6.1 1:100



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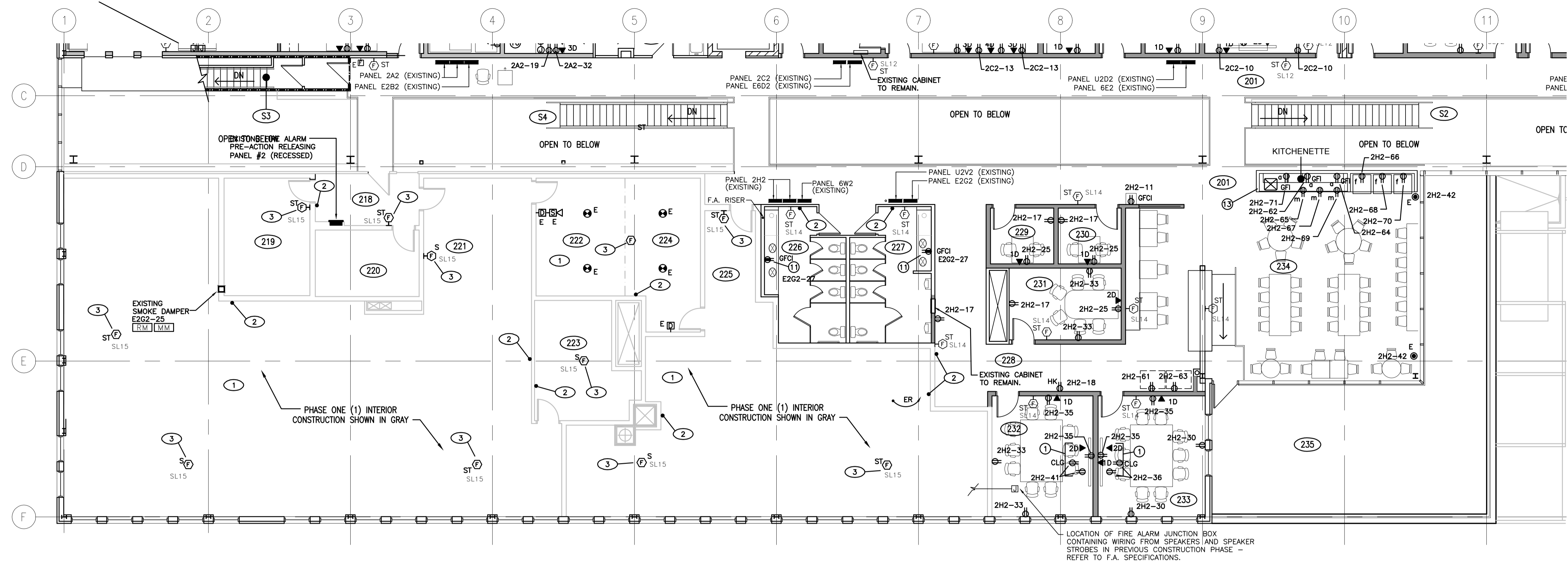
Project Title/Titre du projet
**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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Drawing title/Titre du dessin
**SECOND FLOOR PLAN WEST
POWER & SYSTEMS PLAN**

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
30/2015	E6.1	0





POWER & SYSTEMS PLAN - SECOND FLOOR EAST
 1:100

MAIN FLOOR POWER PHASE 1 AREA KEYNOTES

- 1 SPEAKER/ STROBE FIRE ALARM DEVICE UNTERMINATED WIRING PROVIDED IN PREVIOUS PHASE 1 CONTRACT BUT NOT CONNECTED INTO SYSTEM. THIS CONTRACT SHALL PROVIDE FINAL WIRING CONNECTIONS AND CONNECTION/ VERIFICATION INTO THE FIRE ALARM SYSTEM. REFER TO FIRE ALARM SPECIFICATIONS.
- 2 REMOVE EXISTING FIRE ALARM SIGNAL DEVICE AND ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE.
- 3 EXISTING FIRE ALARM SPEAKER OR SPEAKER/STROBE PROVIDED IN PREVIOUS CONSTRUCTION PROJECT. THESE SPEAKERS AND SPEAKER/STROBES ARE NOT CURRENTLY CONNECTED INTO THE FIRE ALARM SYSTEM. WIRING HAS BEEN PROVIDED TO THE DEVICES AND RUN TO JUNCTION BOXES OUTSIDE THE RENOVATION AREA OF THAT PREVIOUS CONSTRUCTION PHASE AND LEFT UNTERMINATED. THIS CONTRACTOR SHALL LOCATE THESE JUNCTION BOXES, COMPLETE THE TERMINATIONS, AND EXTEND AND CONNECT THE WIRING INTO THE MAIN FIRE ALARM CONTROL PANEL IN ROOM 006. CONNECT AND VERIFY THESE SPEAKERS AND SPEAKER/STROBES ALONG WITH NEW DEVICES INTO THE NEW EMERGENCY VOICE COMMUNICATION EVACUATION SYSTEM TO FORM A COMPLETE SYSTEM FOR THE ENTIRE BUILDING.

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- 5. FIRE ALARM LOOP 'SLXX'.
 ZONE #
 FLOOR
 LOOP
- 6. REFER TO DRAWING E5.2 FOR SYSTEM FURNITURE CONNECTION NOTES.

SECOND FLOOR POWER KEYNOTES

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- 13 CORE CONCRETE FLOOR FOR FEEDERS RUNS TO MILLWORK. STUB CONDUITS INTO MILLWORK END WALL. EXISTING REINFORCING STEEL STRANDS WITHIN FLOOR SHALL BE CONFIRMED BY CONTRACTOR BY MEANS OF X-RAY OR AN ALTERNATE METHOD APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO PENETRATING HOLLOW CORE PANELS. UNDER NO CIRCUMSTANCES ARE RE-INFORCING STRANDS TO BE SEVERED WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.



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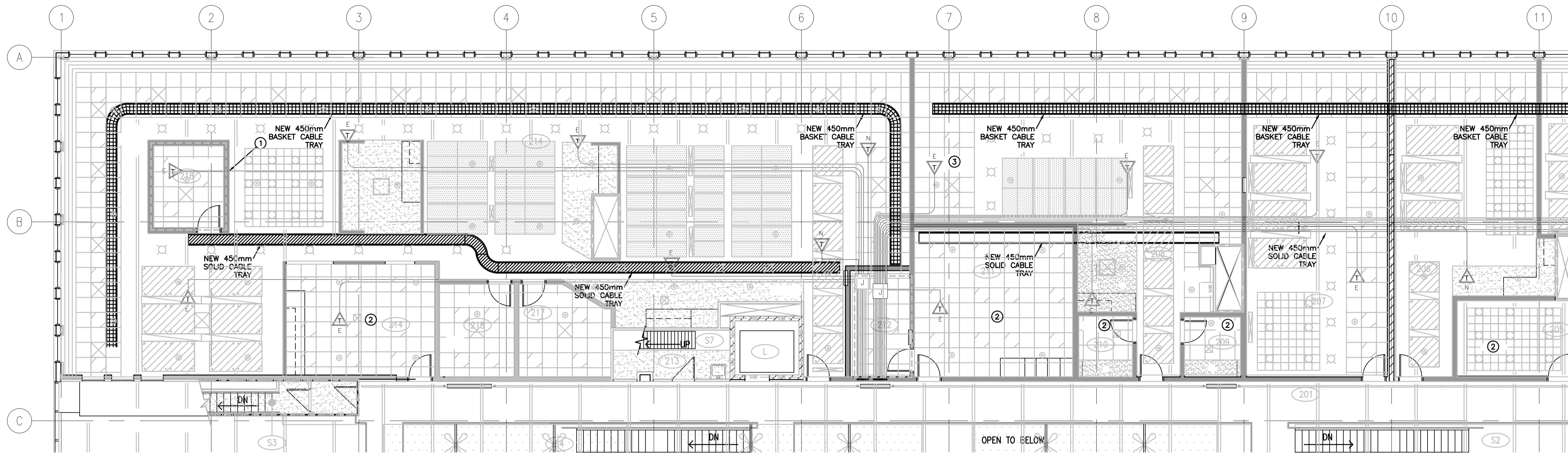
Project title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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Drawing title/Titre du dessin
**SECOND FLOOR PLAN EAST
 POWER & SYSTEMS PLAN
 PLAN**

Project No./No. du projet 30/2015	Sheet/Feuille E6.2	Revision no./ Le Révision no. 0
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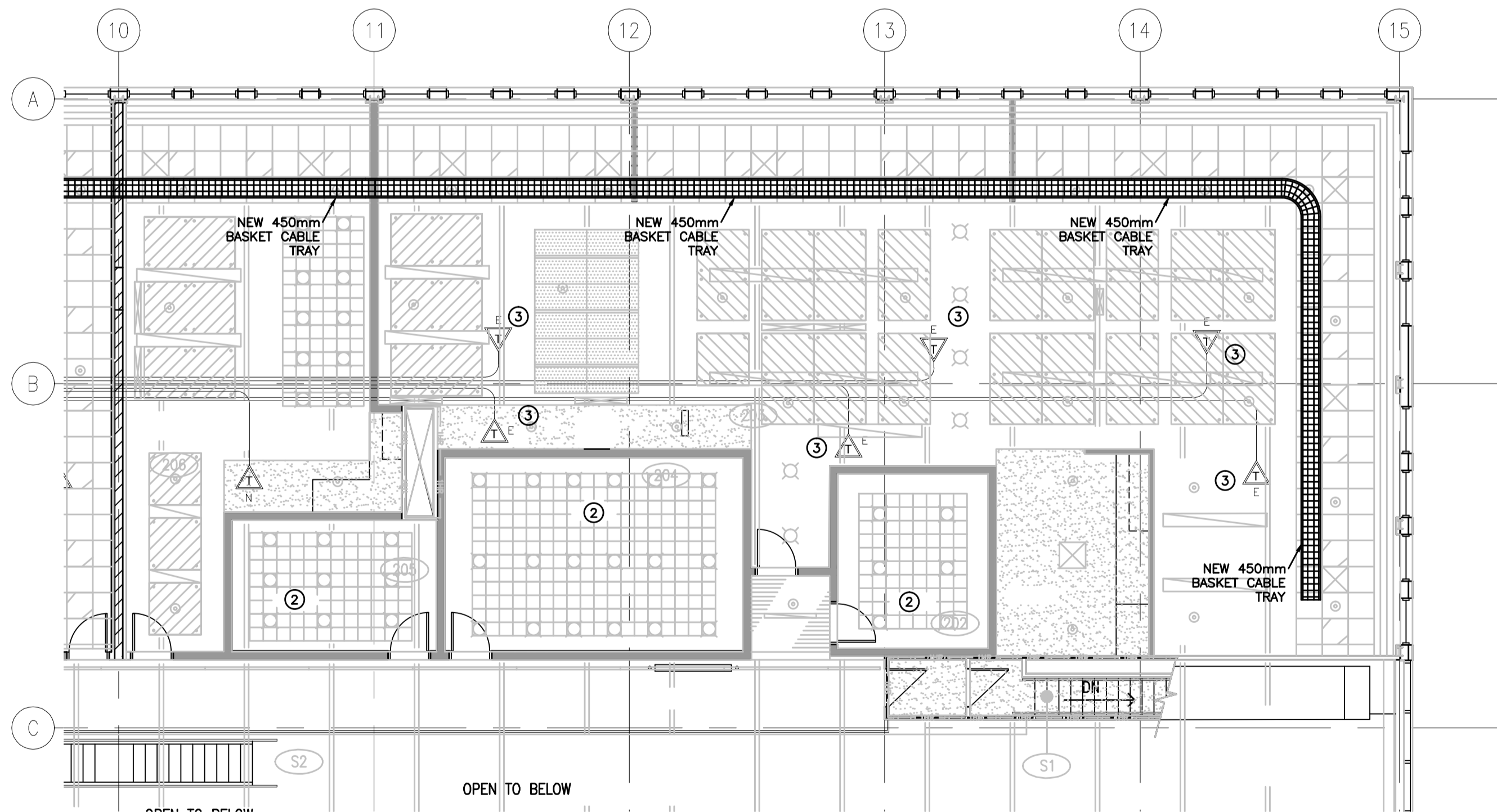


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SECOND FLOOR COMMUNICATION KEYNOTES

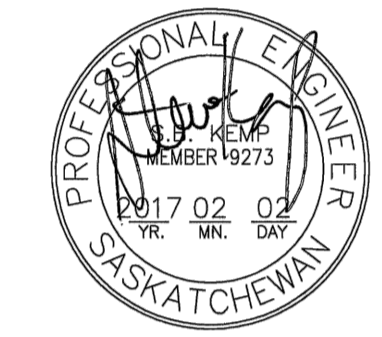
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- ③ EXTEND EXISTING AREA CONDUIT AS PER SYMBOL SCHEDULE.



1 COMMUNICATIONS PLAN – SECOND FLOOR WEST
E6.3 1:100

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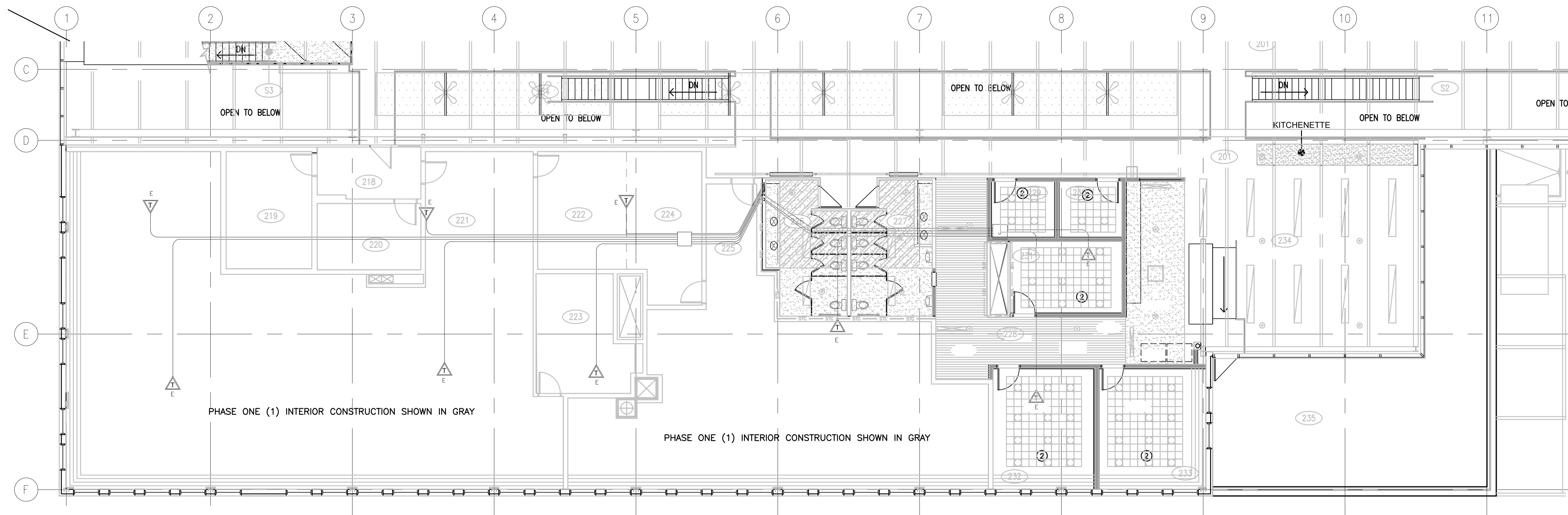
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COMMUNICATIONS PLAN – SECOND FLOOR EAST
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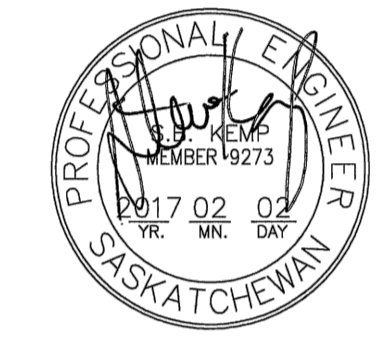
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**INTERIOR FIT-UP PHASE II
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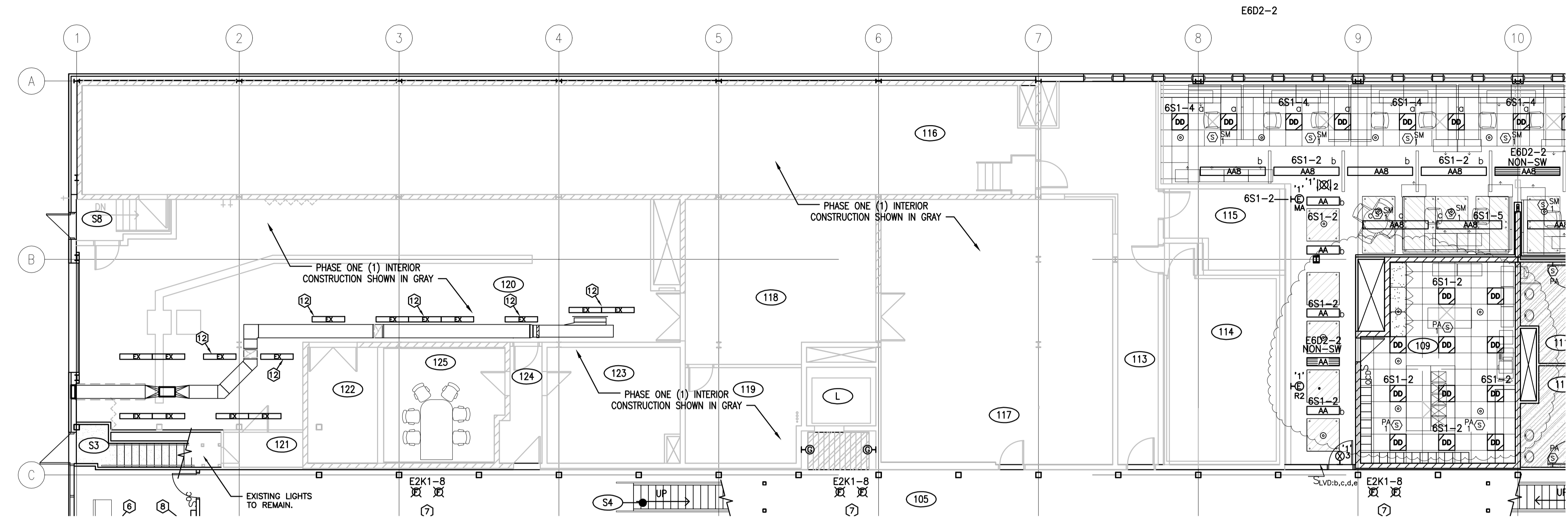
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**SECOND FLOOR PLAN EAST
 COMMUNICATIONS PLAN**

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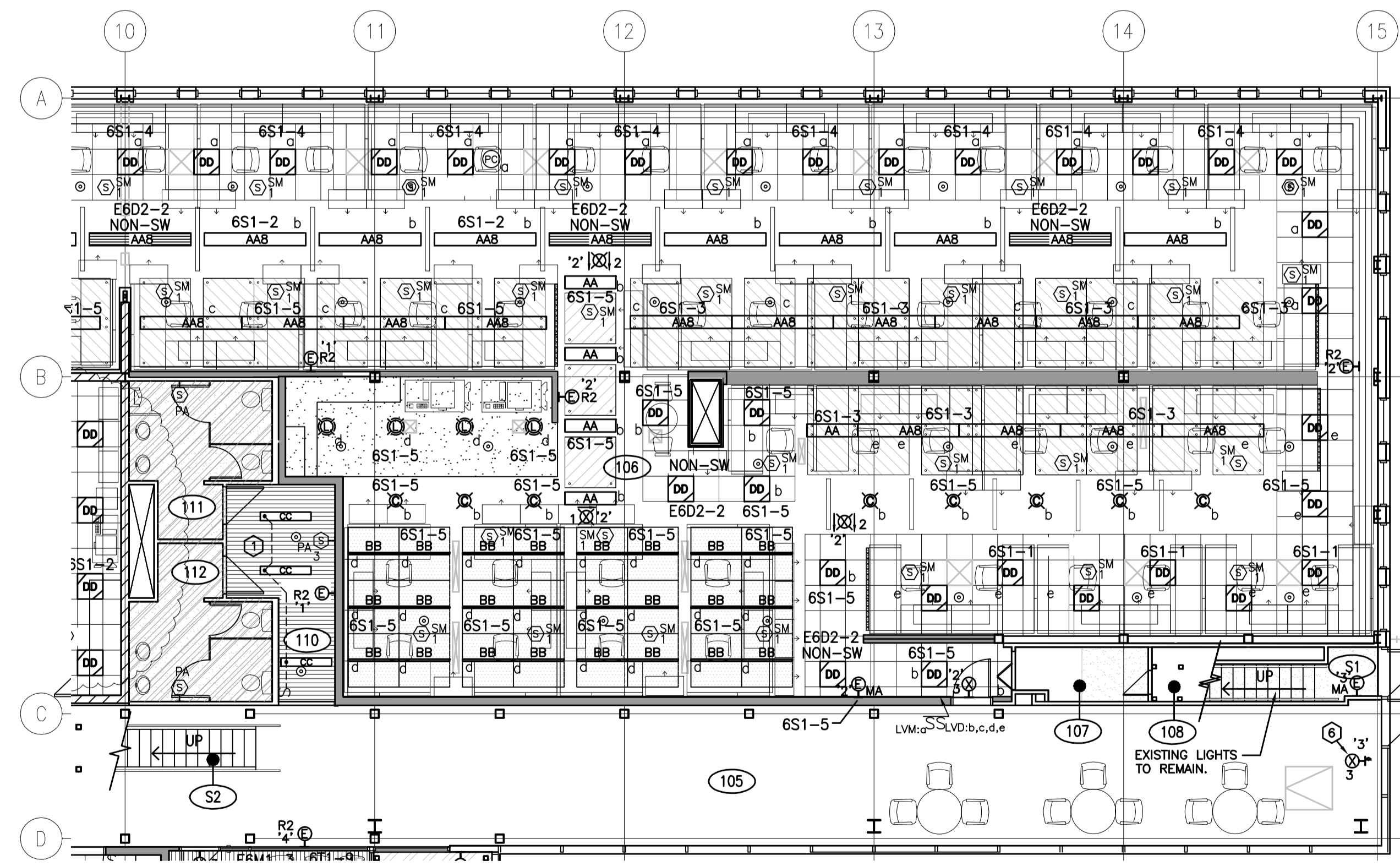


LIGHTING NOTES

- 1 ACCESS TO THE CEILING SPACE ABOVE THE METAL LINEAR CEILING IS LIMITED. ALL JUNCTION BOXES FEEDING LIGHTS AND DEVICES IN THIS AREA SHALL BE LOCATED OUTSIDE THE LINEAR CEILING SPACE.
- 2 THE MOUNTING HEIGHT OF LIGHT FIXTURES SHALL BE COORDINATED WITH EXISTING DUCTWORK.
- 3 EMERGENCY REMOTE HEAD FED FROM BATTERY UNIT IN ROOM 001.
- 4 FOUR TYPE 'CC' FIXTURES AND TWO PUBLIC ADDRESS SPEAKERS 'PA2' SHALL BE OBTAINED FROM PHASE 1 CONSTRUCTION FOR THIS ROOM.
- 5 THREE TYPE 'EE' FIXTURES AND ONE PUBLIC ADDRESS SPEAKERS 'PA1' SHALL BE OBTAINED FROM PHASE 1 CONSTRUCTION FOR THIS ROOM.
- 6 MOUNT NEW EXIT SIGN AT THE SAME LOCATION AS THE EXISTING EXIT SIGN AND CONNECT TO EXISTING EXIT SIGN CIRCUIT.
- 7 REUSE EXISTING BRANCH CIRCUITRY AND MOUNTING JUNCTION BOXES UNDER WALKWAY AND EXISTING LIGHTING CONTROL FOR NEW LIGHTING LAYOUT.
- 8 MOUNT FIXTURE UP 2100mm ABOVE FINISHED FLOOR. CONNECT FIXTURE TO 120 VOLT CIRCUIT PROVIDED FOR TEMPORARY FRIDGE CONNECTION.
- 9 SUSPEND FIXTURE AT THE SAME HEIGHT AS THE EXISTING FIXTURES IN ROOM 127 AND CONNECT TO EXISTING LIGHTING CONTROL CIRCUIT AND SWITCH.
- 10 PROVIDE TEMPORARY EXIT SIGN AND CONNECT TO EXISTING EXIT SIGN CIRCUIT. REMOVE SIGN WHEN THE TEMPORARY SPACE IS REMOVED. PATCH AND REPAIR WALL TO MATCH EXISTING WALL FINISH. TYPE 'X4' SHALL BE DOUBLE FACE, SURFACE END-WALL MOUNTED 100MM ABOVE DOOR.
- 11 RECONNECT NEW LIGHT INTO EXISTING CIRCUIT AND SWITCH CONTROL.
- 12 RELOCATE EXISTING LIGHT FIXTURES INSTALLED IN PHASE 1, TO THE WEST TO CLEAR NEW EXHAUST DUCTWORK AND RECONNECT TO EXISTING CIRCUIT. COORDINATE EXACT DISTANCE WITH DUCTWORK INSTALLER.

GENERAL NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY DEMOLITION INCLUDING LIGHTING, ELECTRICAL AND COMMUNICATION SYSTEMS WITHIN THE BUILDING AS OUTLINED IN THE ELECTRICAL AND ARCHITECTURAL DRAWINGS. ALL ABANDONED CONDUIT, DUCTS, BOXES, WIRE AND COMMUNICATION CABLES (EXISTING CONDITIONS AND AS A RESULT OF THE RENOVATIONS) SHALL BE REMOVED.
2. WHERE WALLS AND OTHER EXISTING ITEMS ARE TO BE REMOVED, THE CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL DEVICES INCLUDING RECEPTACLES, SWITCHES, COMMUNICATIONS AND DATA OUTLETS AND FIRE ALARM DEVICES.
3. REMOVE ALL EXISTING EXIT SIGNS AND ASSOCIATED CONDUIT AND WIRING BACK TO THE NEAREST JUNCTION BOX IN THE CEILING SPACE. WHERE NEW EXIT SIGNS ARE BEING PROVIDED AT AN EXISTING LOCATION RETAIN THE JUNCTION BOX AND WIRING FOR CONNECTION OF NEW EXIT SIGNS. COORDINATE WITH NEW LIGHTING PLANS FOR EXACT LOCATIONS.



1 LIGHTING PLAN - MAIN FLOOR WEST
E7.1 1:100

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Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2017-02-03

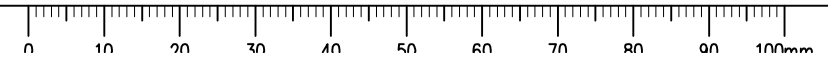
Project title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

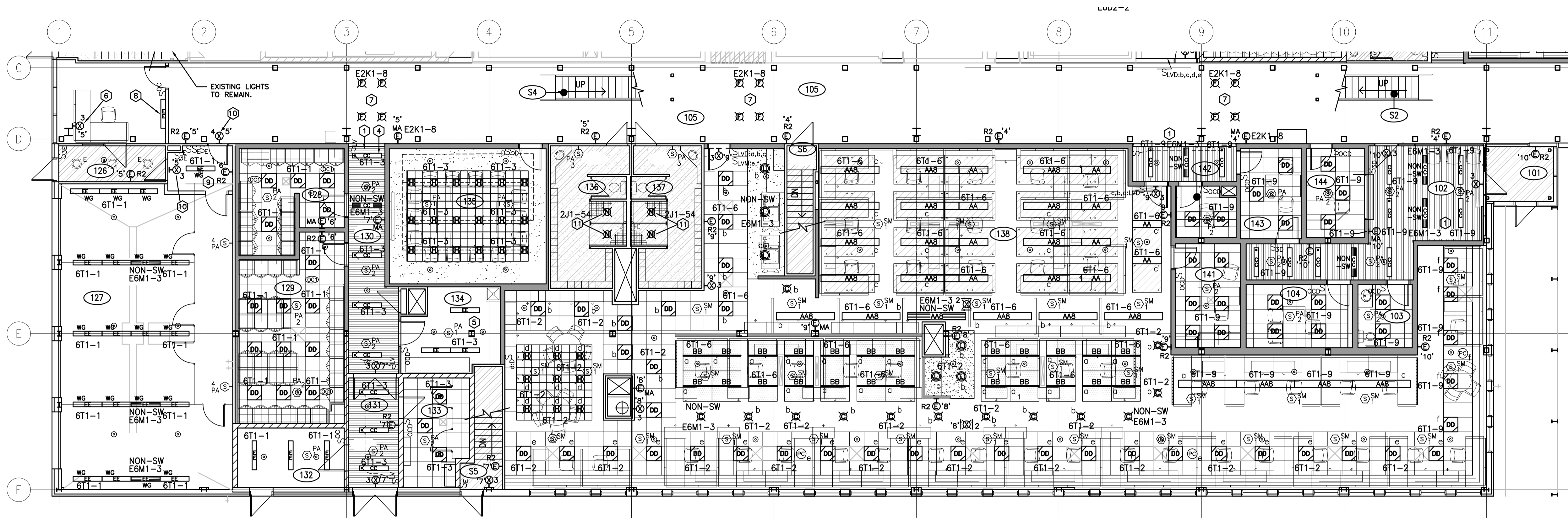
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**MAIN FLOOR PLAN WEST
 LIGHTING PLAN**

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
30/2015	E7.1	0

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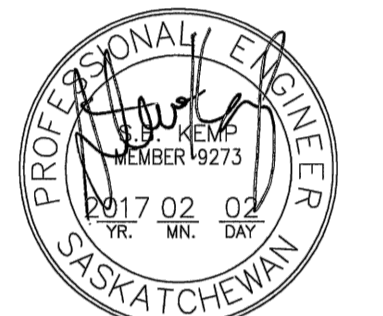
1 LIGHTING PLAN - MAIN FLOOR EAST
E7.2 1:100

GENERAL NOTES:

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3. REMOVE ALL EXISTING EXIT SIGNS AND ASSOCIATED CONDUIT AND WIRING BACK TO THE NEAREST JUNCTION BOX IN THE CEILING SPACE. WHERE NEW EXIT SIGNS ARE BEING PROVIDED AT AN EXISTING LOCATION RETAIN THE JUNCTION BOX AND WIRING FOR CONNECTION OF NEW EXIT SIGNS. COORDINATE WITH NEW LIGHTING PLANS FOR EXACT LOCATIONS.

LIGHTING NOTES

- 1 ACCESS TO THE CEILING SPACE ABOVE THE METAL LINEAR CEILING IS LIMITED. ALL JUNCTION BOXES FEEDING LIGHTS AND DEVICES IN THIS AREA SHALL BE LOCATED OUTSIDE THE LINEAR CEILING SPACE.
- 2 THE MOUNTING HEIGHT OF LIGHT FIXTURES SHALL BE COORDINATED WITH EXISTING DUCTWORK.
- 3 EMERGENCY REMOTE HEAD FED FROM BATTERY UNIT IN ROOM 001.
- 4 FOUR TYPE 'CC' FIXTURES AND TWO PUBLIC ADDRESS SPEAKERS 'PA2' SHALL BE OBTAINED FROM PHASE 1 CONSTRUCTION FOR THIS ROOM.
- 5 THREE TYPE 'EE' FIXTURES AND ONE PUBLIC ADDRESS SPEAKERS 'PA1' SHALL BE OBTAINED FROM PHASE 1 CONSTRUCTION FOR THIS ROOM.
- 6 MOUNT NEW EXIT SIGN AT THE SAME LOCATION AS THE EXISTING EXIT SIGN AND CONNECT TO EXISTING EXIT SIGN CIRCUIT.
- 7 REUSE EXISTING BRANCH CIRCUITRY AND MOUNTING JUNCTION BOXES UNDER WALKWAY AND EXISTING LIGHTING CONTROL FOR NEW LIGHTING LAYOUT.
- 8 MOUNT FIXTURE UP 2100mm ABOVE FINISHED FLOOR. CONNECT FIXTURE TO 120 VOLT CIRCUIT PROVIDED FOR TEMPORARY FRIDGE CONNECTION.
- 9 SUSPEND FIXTURE AT THE SAME HEIGHT AS THE EXISTING FIXTURES IN ROOM 127 AND CONNECT TO EXISTING LIGHTING CONTROL CIRCUIT AND SWITCH.
- 10 PROVIDE TEMPORARY EXIT SIGN AND CONNECT TO EXISTING EXIT SIGN CIRCUIT. REMOVE SIGN WHEN THE TEMPORARY SPACE IS SPACE IS REMOVED. PATCH AND REPAIR WALL TO MATCH EXISTING WALL FINISH. TYPE 'X4' SHALL BE DOUBLE FACE, SURFACE END-WALL MOUNTED 100MM ABOVE DOOR.
- 11 RECONNECT NEW LIGHT INTO EXISTING CIRCUIT AND SWITCH CONTROL.
- 12 RELOCATE EXISTING LIGHT FIXTURES INSTALLED IN PHASE 1, TO CLEAR NEW EXHAUST DUCTWORK AS SHOWN AND RECONNECT TO EXISTING CIRCUIT.



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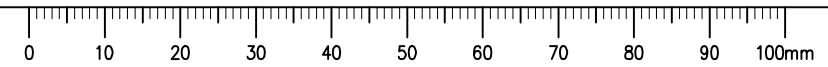
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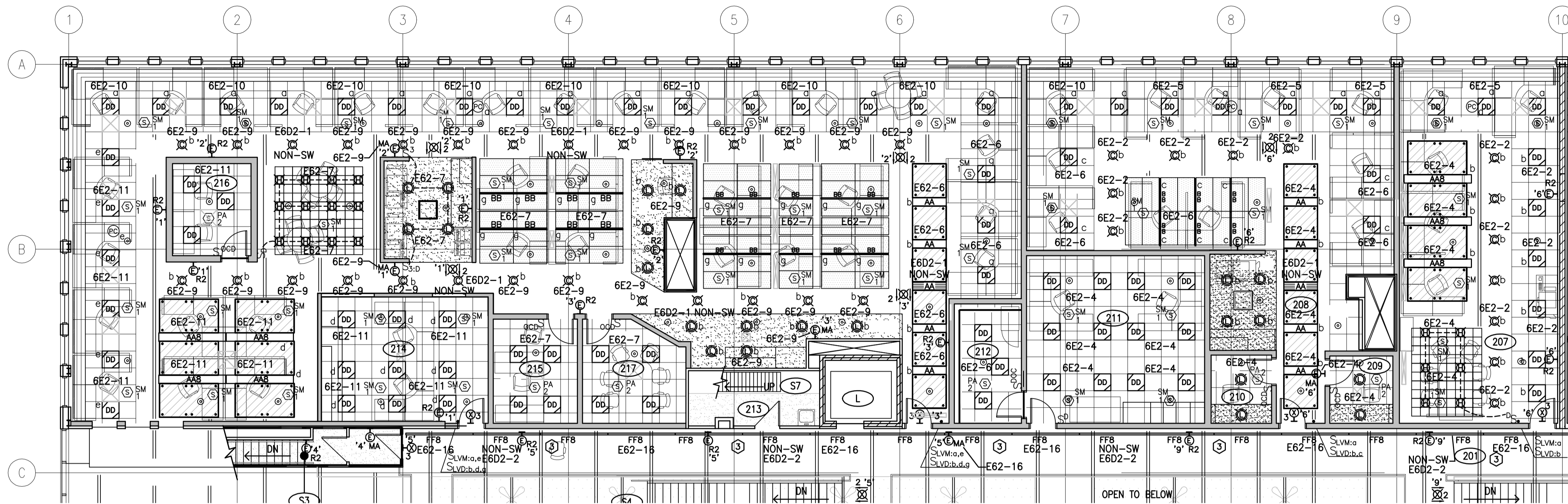
Project Title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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KAD
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KAD/GTK
 Project Manager/Administrateur de Projets
HM/KS
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**MAIN FLOOR PLAN EAST
 LIGHTING PLAN**
 Project No./No. du projet
30/2015
 Sheet/Feuille
E7.2
 Revision no./La Révision no.
0

DRAWING NOTED, AM FILE NAME: 12515_E7.2 - E7.2_R1=1.dwg
 Drawing: E7.2





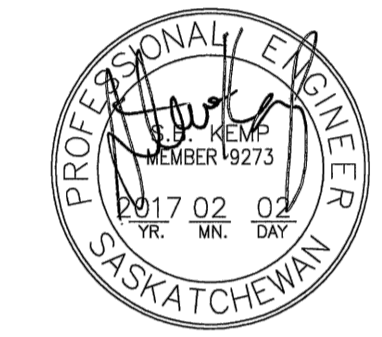
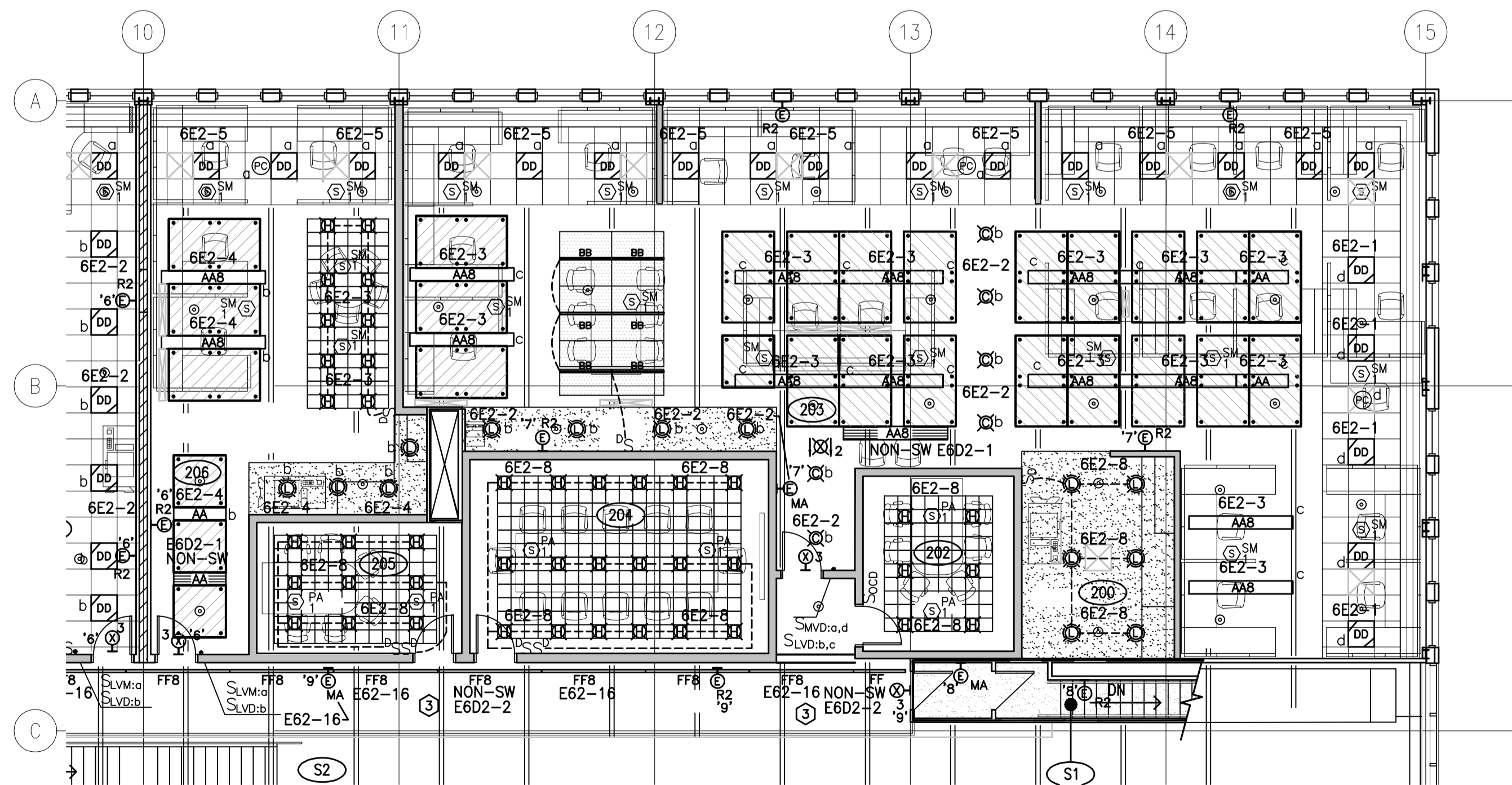
LIGHTING NOTES

- ① THE MOUNTING HEIGHT OF LIGHT FIXTURES SHALL BE COORDINATED WITH EXISTING DUCTWORK.
- ② NEW FIXTURES SHALL CONNECT TO EXISTING RECEPTACLES FOR LIGHTING CONTROL (TYPICAL TYPE 'D'). REFER TO LIGHTING SPECIFICATIONS.
- ③ RE-USE THE EXISTING BRANCH CIRCUITRY AND MOUNTING LOCATIONS AND LIGHTING CONTROL FOR NEW LIGHTING LAYOUT.
- ④ INSTALL EXISTING EXIT SIGN SALVAGED FROM PHASE 1 AND CONNECT TO NEW EXIT SIGN CIRCUIT.
- ⑤ CONNECT NEW FIXTURES TO EXISTING LIGHTING CIRCUITRY AND LIGHTING CONTROL.

GENERAL NOTES:

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1 LIGHTING PLAN - SECOND FLOOR WEST
E8.1 1:100



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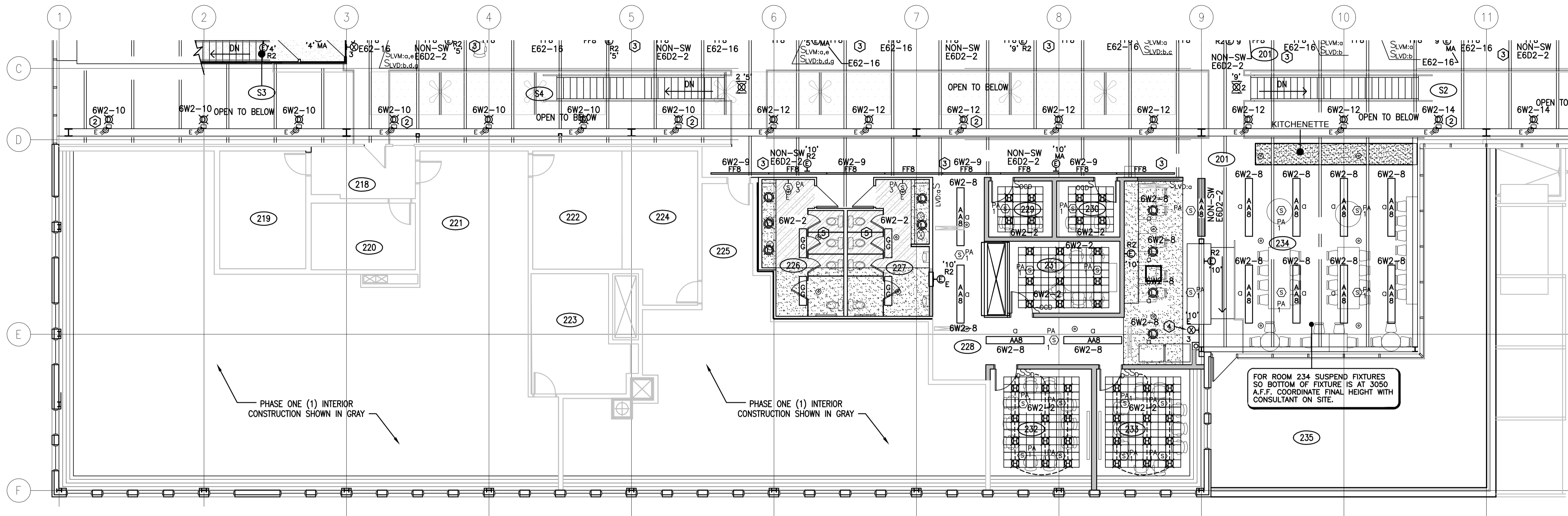
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Project Title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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KAD
 Drawn by/Dessiné par
KAD/GTK
 Project Manager/Administrateur de Projets
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 Ressources Architectural et de Directeur d'ingénierie

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**SECOND FLOOR PLAN WEST
 LIGHTING PLAN**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
30/2015	E8.1	0



PHASE ONE (1) INTERIOR CONSTRUCTION SHOWN IN GRAY

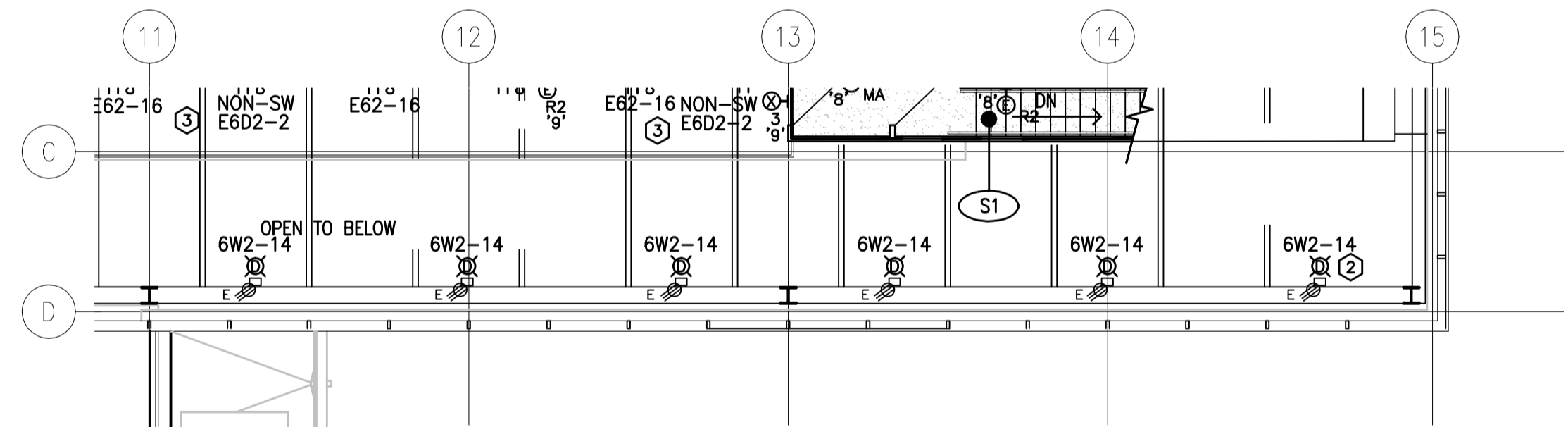
PHASE ONE (1) INTERIOR CONSTRUCTION SHOWN IN GRAY

FOR ROOM 234 SUSPEND FIXTURES SO BOTTOM OF FIXTURE IS AT 3050 A.F.F. COORDINATE FINAL HEIGHT WITH CONSULTANT ON SITE.

1 LIGHTING PLAN - SECOND FLOOR EAST
E8.2 1:100

LIGHTING NOTES

- ① THE MOUNTING HEIGHT OF LIGHT FIXTURES SHALL BE COORDINATED WITH EXISTING DUCTWORK.
- ② NEW FIXTURES SHALL CONNECT TO EXISTING RECEPTACLES FOR LIGHTING CONTROL (TYPICAL TYPE 'D'). REFER TO LIGHTING SPECIFICATIONS.
- ③ RE-USE THE EXISTING BRANCH CIRCUITRY AND MOUNTING LOCATIONS AND LIGHTING CONTROL FOR NEW LIGHTING LAYOUT.
- ④ INSTALL EXISTING EXIT SIGN SALVAGED FROM PHASE 1 AND CONNECT TO NEW EXIT SIGN CIRCUIT.
- ⑤ CONNECT NEW FIXTURES TO EXISTING LIGHTING CIRCUITRY AND LIGHTING CONTROL.



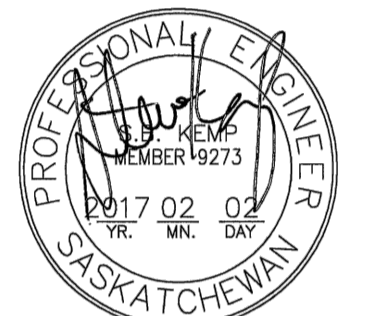
2 LIGHTING PLAN - SECOND FLOOR EAST
E8.2 1:100

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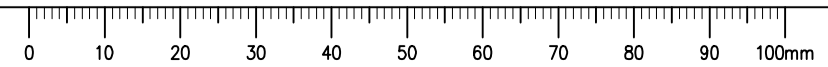
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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

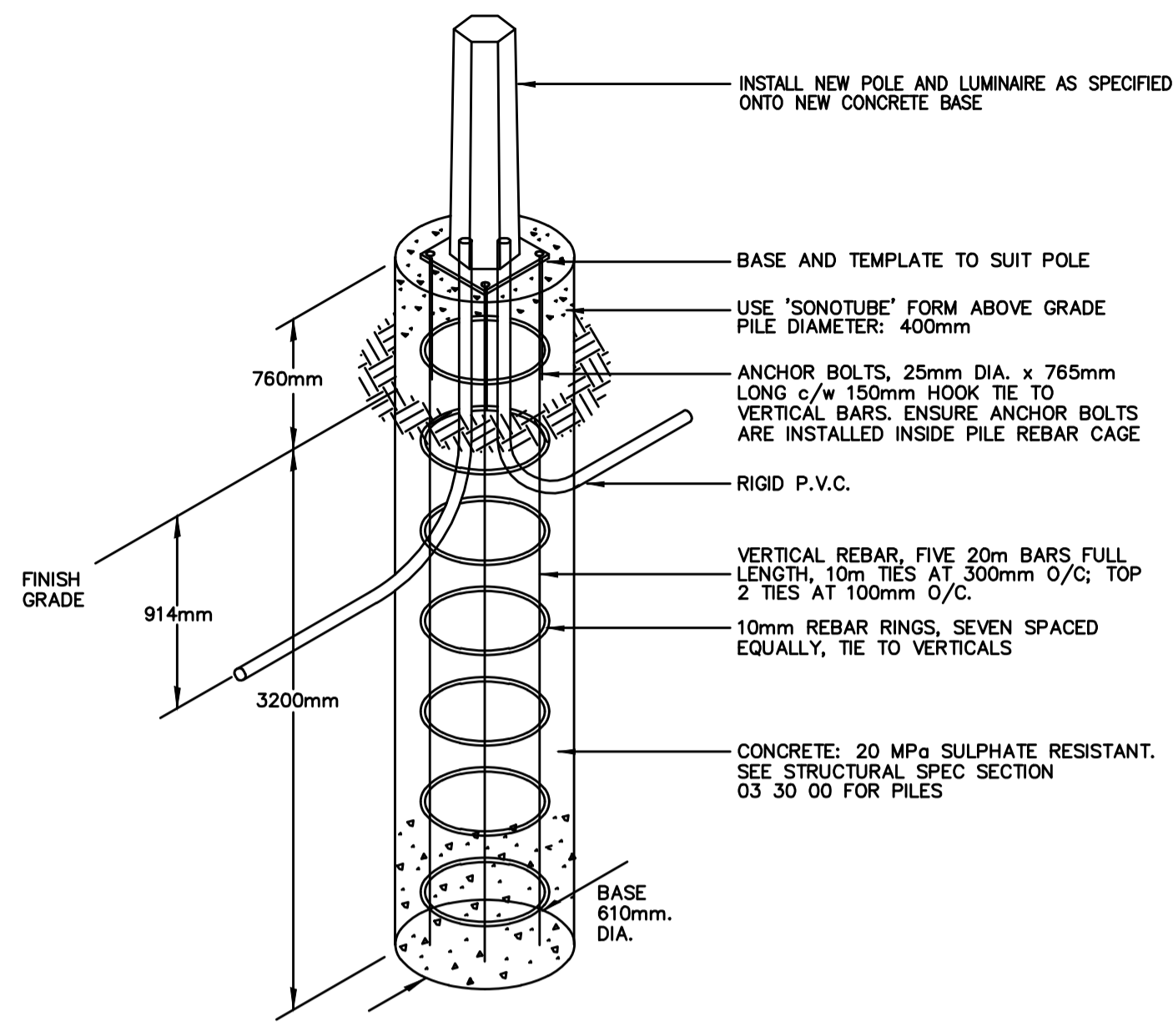
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**SECOND FLOOR PLAN EAST
 LIGHTING PLAN**

Project No./No. du projet 30/2015	Sheet/ Feuille E8.2	Revision no./ La Révision no. 0
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 DRAWING: E8.2





- PL1 LIGHT POLE, BASE AND SINGLE LUMINAIRE SHOWN THUS.
- PL2 LIGHT POLE, BASE AND DOUBLE LUMINAIRE SHOWN THUS.
- PL3

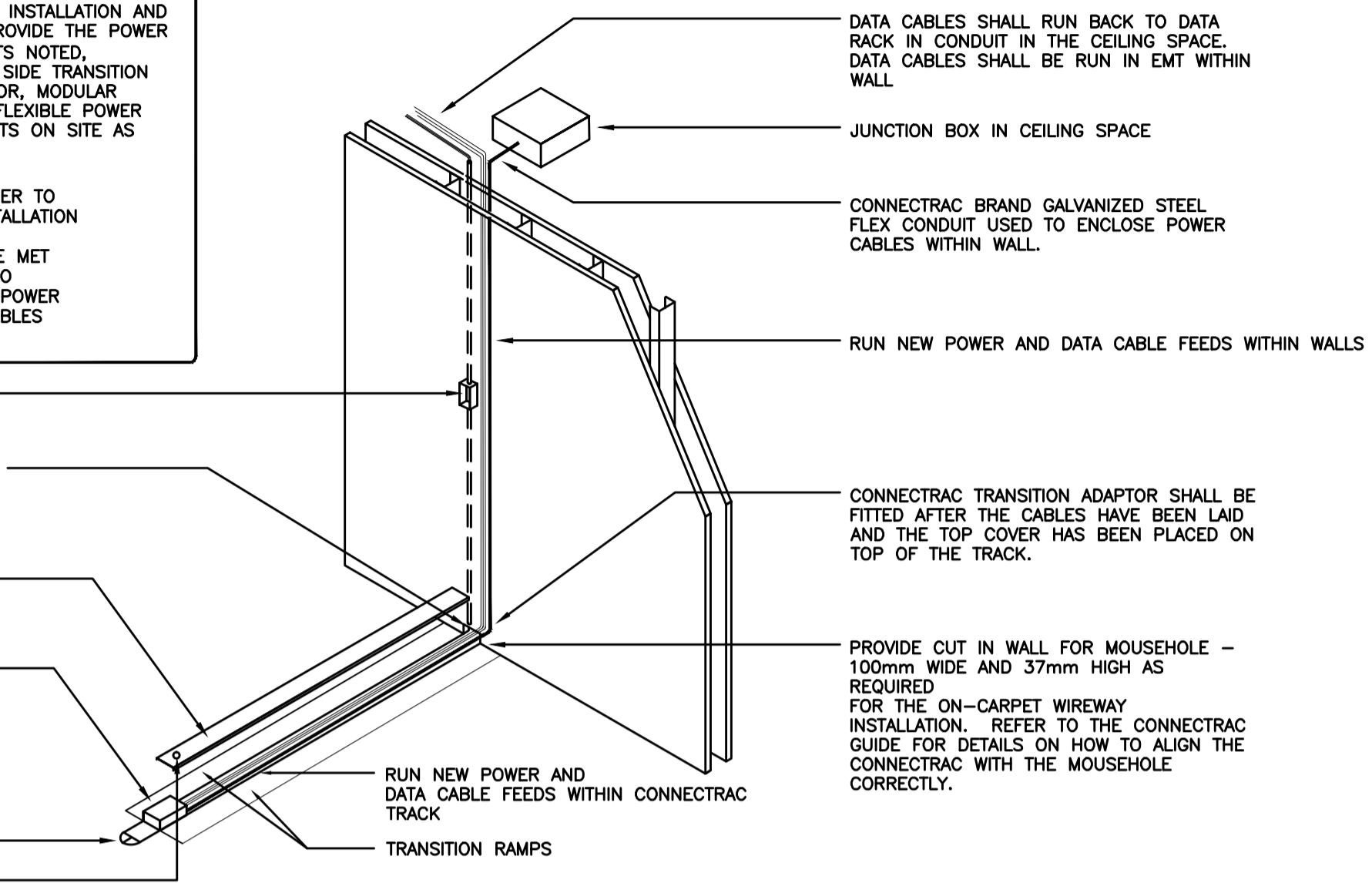
1 SITE LIGHTING POST & BASE DETAIL
E10.1 N.T.S.

CONNECTRAC IN-CARPET WIREWAY SYSTEM

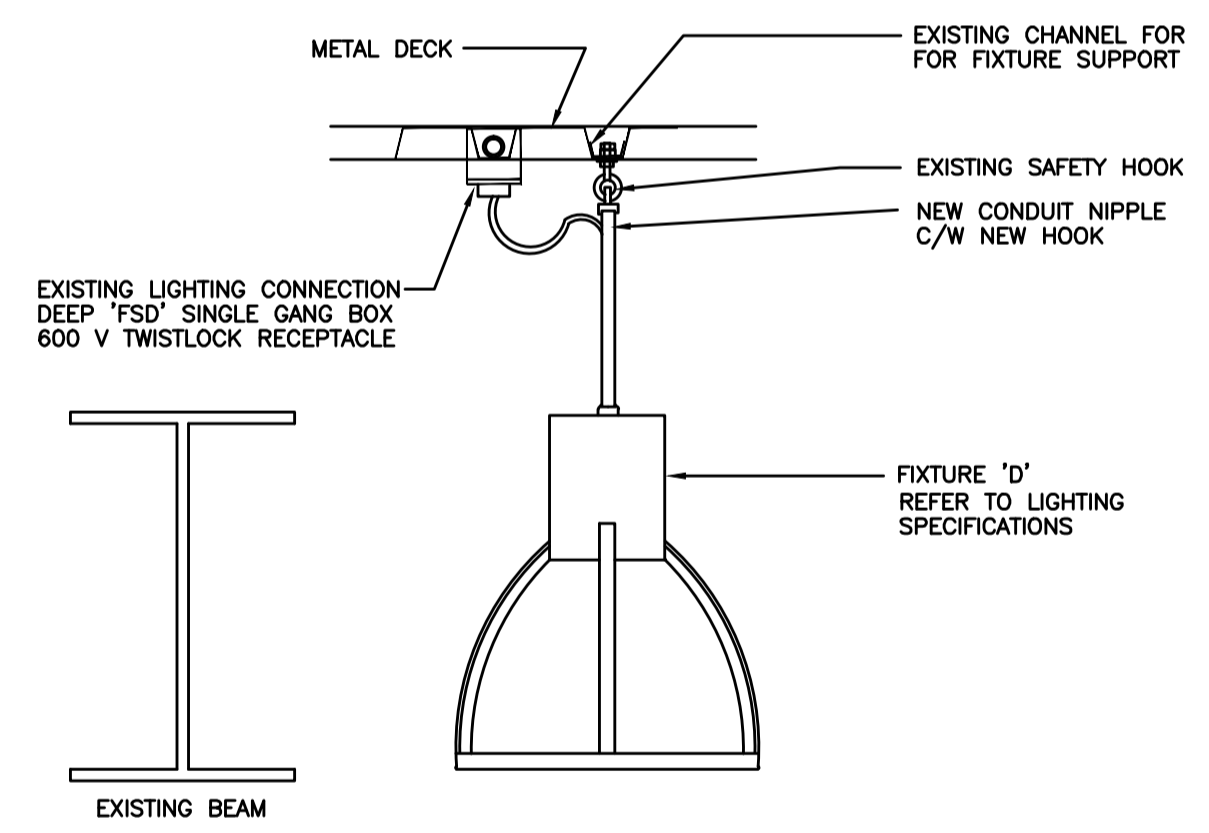
PROVIDE A COMPLETE AND OPERATIONAL CONNECTRAC IN-CARPET WIREWAY SYSTEM REFER TO POWER PLANS. RACEWAY SYSTEM SHALL BE INSTALLED WITH COORDINATION OF NEW CARPET INSTALLATION AND SHALL BE COMPLETE WITH ALL ACCESSORIES TO PROVIDE THE POWER RECEPTACLES AND DATA/VOICE JACKS REQUIREMENTS NOTED, INCLUDING WIREWAY BOTTOM TRACK AND TOP CAP, SIDE TRANSITION RAMPS, END TRANSITION RAMPS, TRANSITION ADAPTOR, MODULAR FLOOR BOX, RECEPTACLES, DATA JACKS, IN-WALL FLEXIBLE POWER CABLE. CONTRACTOR SHALL FIELD CUT COMPONENTS ON SITE AS REQUIRED.

CONTRACTOR SHALL COORDINATE WITH MANUFACTURER TO OBTAIN THE CONNECTRAC IN-CARPET WIREWAY INSTALLATION REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE GUIDE REQUIREMENTS ARE MET DURING THE INSTALLATION. CONTRACTOR SHALL ALSO ENSURE THAT BOTH FLEX CONDUIT PROVIDED FOR POWER CABLES AND EMT CONDUIT PROVIDED FOR DATA CABLES ARE NOT FILLED MORE THAN 40%.

- JUNCTION BOX LOCATED BEHIND MONITOR, PROVIDE CONDUITS AND CABLES AS NOTED ON PLANS
- CABLES (DATA/AUDIO ETC) NOTED ON DRAWINGS SHALL EXIT WALL AND BE RUN IN CONNECTRAC RACEWAY, AND EXIT THROUGH A GROMMET BELOW TABLE.
- TOP COVER OF CONNECTRAC SHALL SNAP INTO PLACE AFTER ALL CABLES ARE INSTALLED.
- PROVIDE CONNECTRAC PS-1 SERIES MODULAR FLOOR BOX MOUNTED ON TOP OF TRACK. EACH FLOOR BOX SHALL BE C/W CONNECTRAC TC SERIES TELECOM KIT PROVIDING ONE DUPLEX RECEPTACLE AND TWO DATA JACKS.
- CONNECTRAC END COMPONENT
- PROVIDE BUSHED HOLE C/W GROMMET WHERE REQUIRED



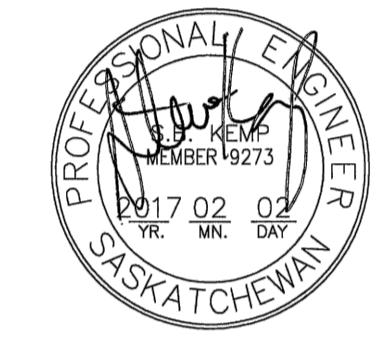
2 CONNECTRAC IN-CARPET WIREWAY SYSTEM DETAIL
E10.1 N.T.S.



3 ATTRIUM LIGHTING MOUNTING DETAIL
E10.1 N.T.S.

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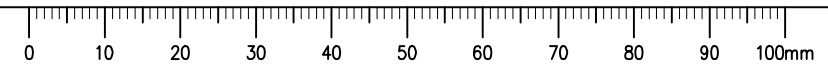
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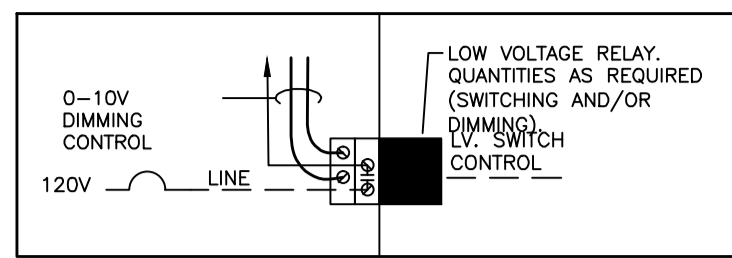
Project Title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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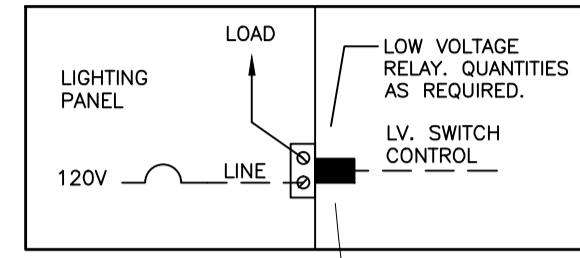
Project No./No. du projet 30/2015	Sheet/ Feuille E10.1	Revision no./ La Révision no. 0
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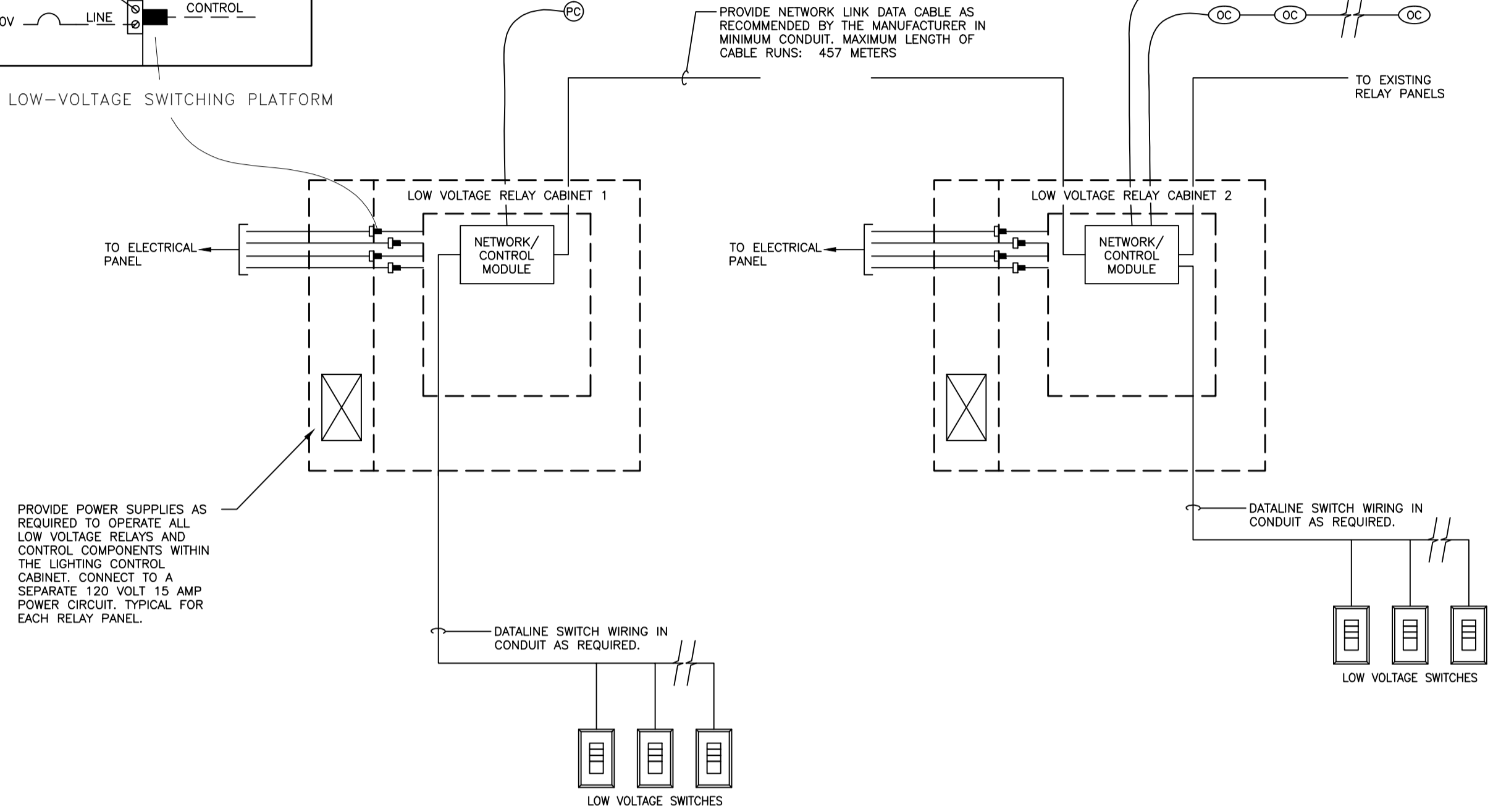




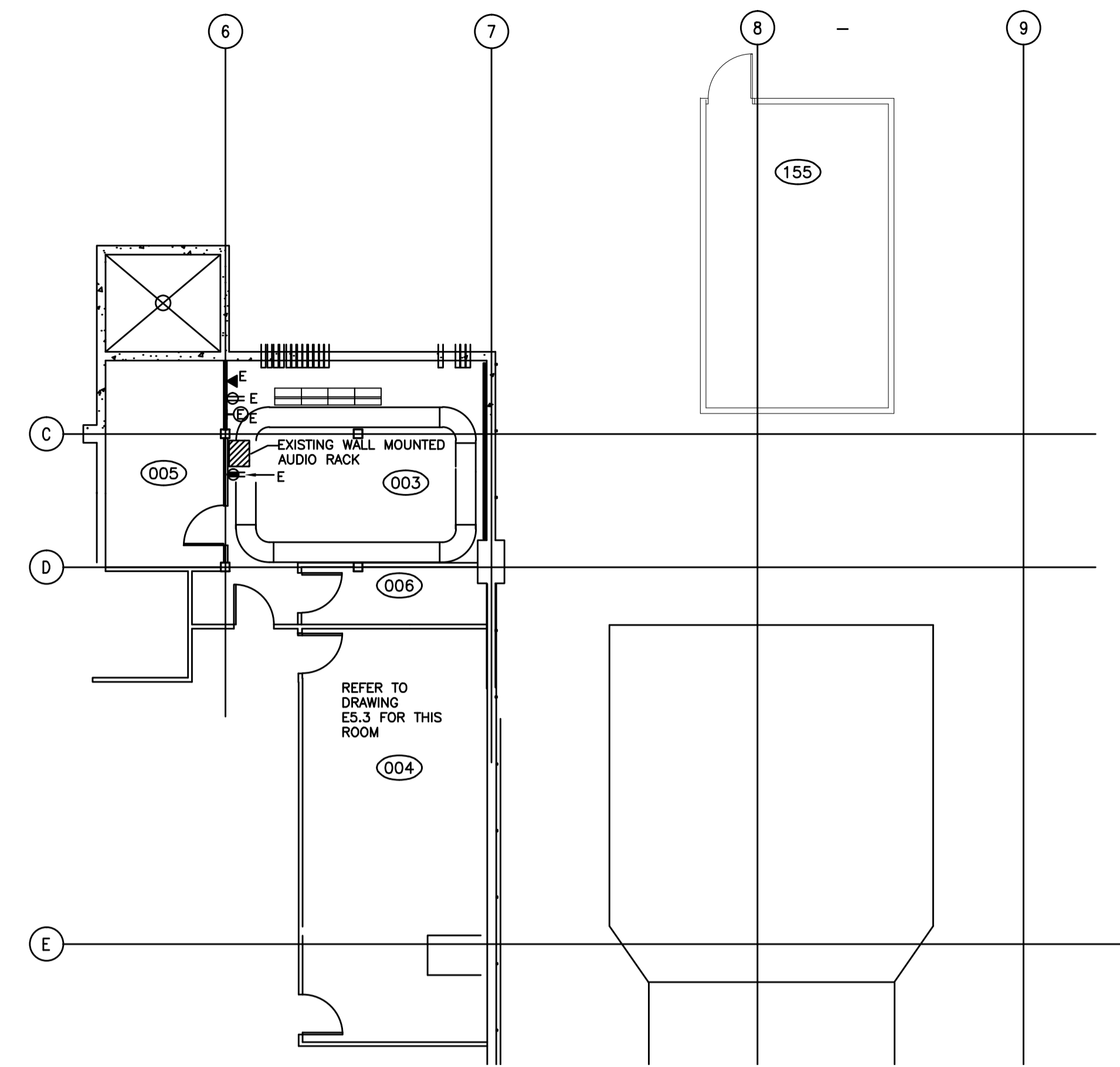
TYPICAL LOW-VOLTAGE DIMMING PLATFORM



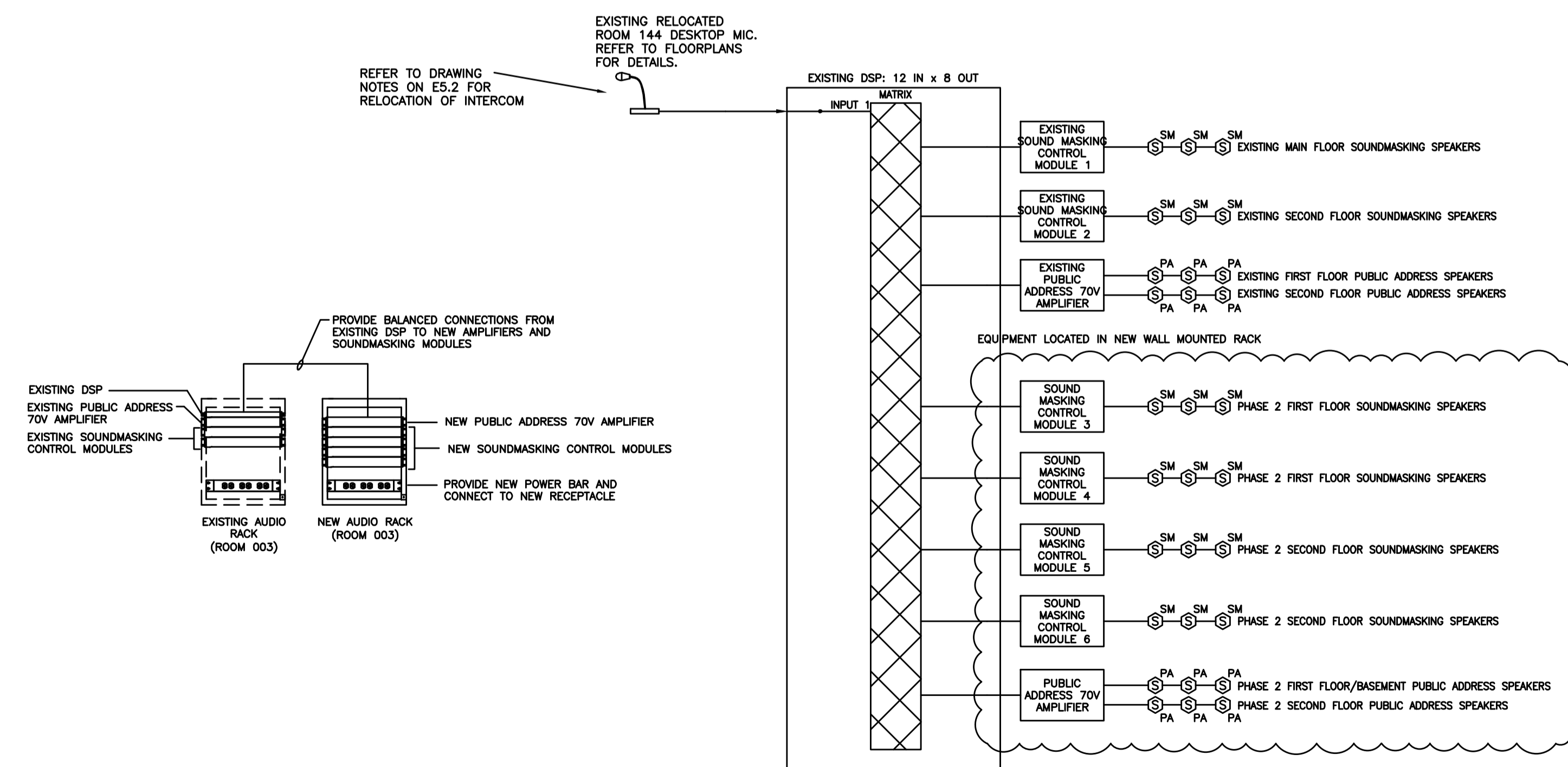
TYPICAL LOW-VOLTAGE SWITCHING PLATFORM



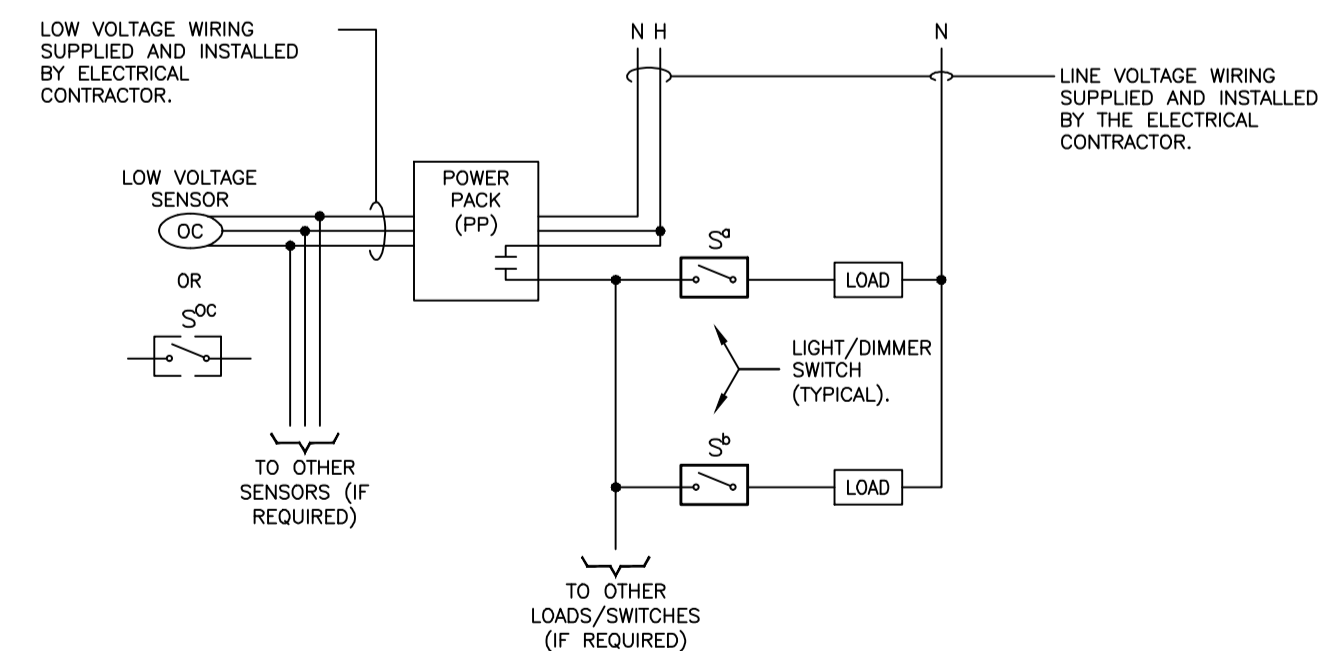
1 LOW VOLTAGE LIGHTING CONTROL SYSTEM WIRING DIAGRAM
E10.2 N.T.S.



2 PARTIAL BASEMENT PLAN - ROOM 003
E10.2 N.T.S.



3 PUBLIC ADDRESS & SOUNDMASKING SYSTEM OVERVIEW
E10.2 N.T.S.



4 TYPICAL OCCUPANCY SENSOR WIRING SINGLE SENSOR WITH SINGLE CIRCUIT
E10.2 N.T.S.

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Project Title/Titre du projet

**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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Drawn by/Dessiné par
KAD/GTK

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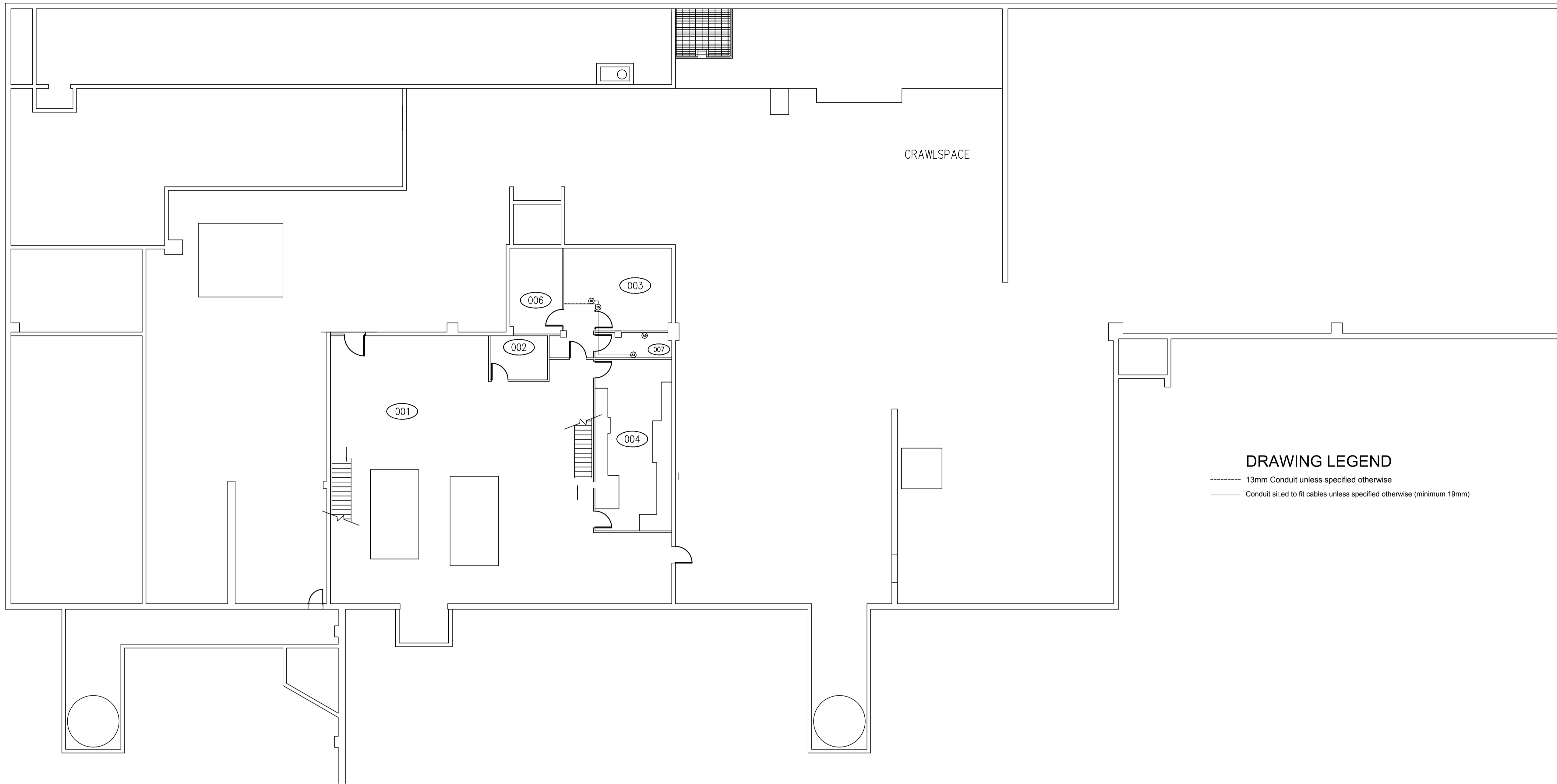
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DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
30/2015	E10.2	0

DRAWING NOTED, ALL FILE NAME: 12515.E10.2.detailed.dwg
DATE: 2017-02-03
DRAWING: E10.2



CRAWLSPACE

DRAWING LEGEND

- 13mm Conduit unless specified otherwise
- _____ Conduit sized to fit cables unless specified otherwise (minimum 19mm)

1
BASEMENT FLOOR PLAN
 E11.1 N.T.S.

DRAWING: E11.1
 FILE NAME: 12515_E11.1-11_B_Plan.dwg
 DRAWING: E11.1



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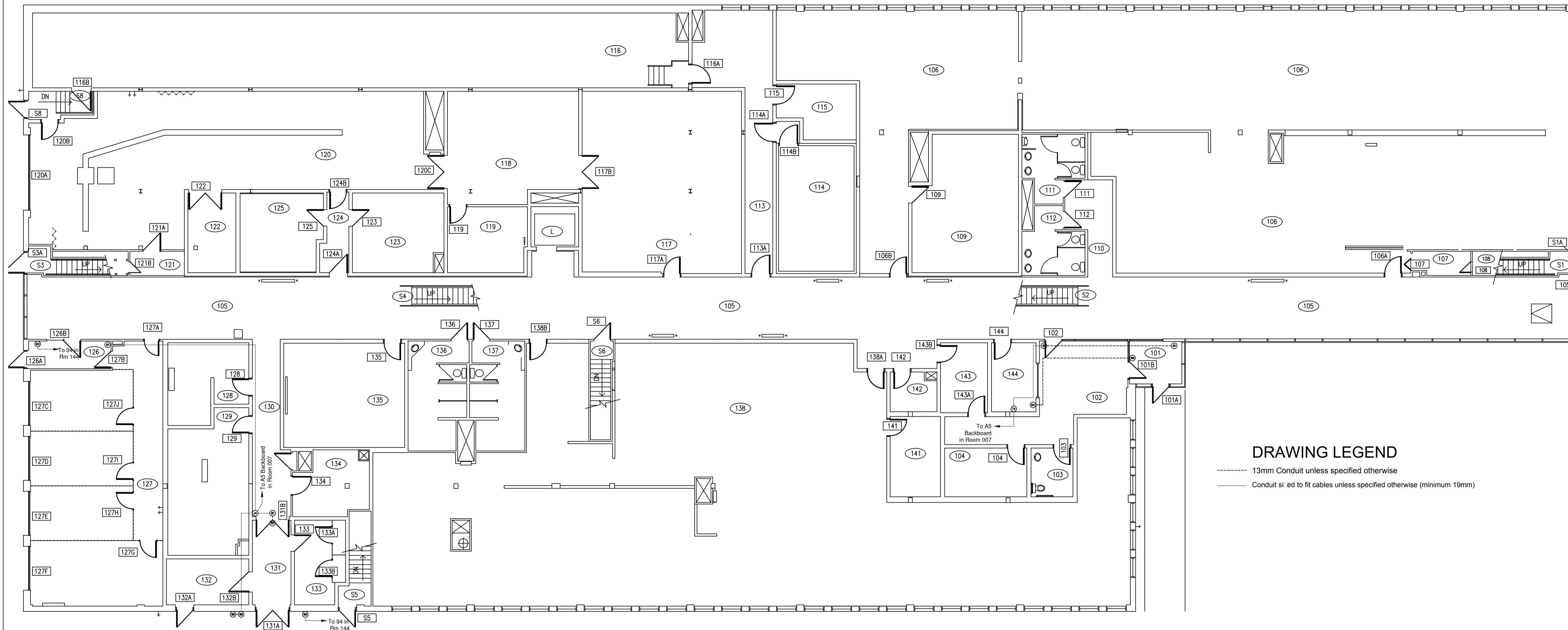
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Drawing title/Titre du dessin

**NEW BUILDING SECURITY &
 ACCESS CONTROL
 CONDUIT ROUGH-IN PLAN**

Project No./No. du projet	Sheet/ Feuille	Revision no./Le Révision no.
30/2015	E11.1	0





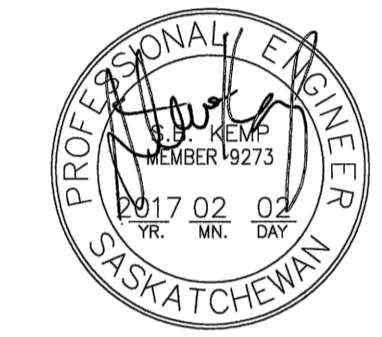
DRAWING LEGEND

- 13mm Conduit unless specified otherwise
- _____ Conduit size to fit cables unless specified otherwise (minimum 19mm)

1 MAIN FLOOR PLAN – AUDIO & VISUAL
E11.2 N.T.S.

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Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2017-02-03

Project Title/Titre du projet

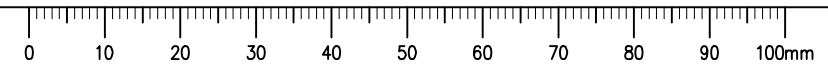
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

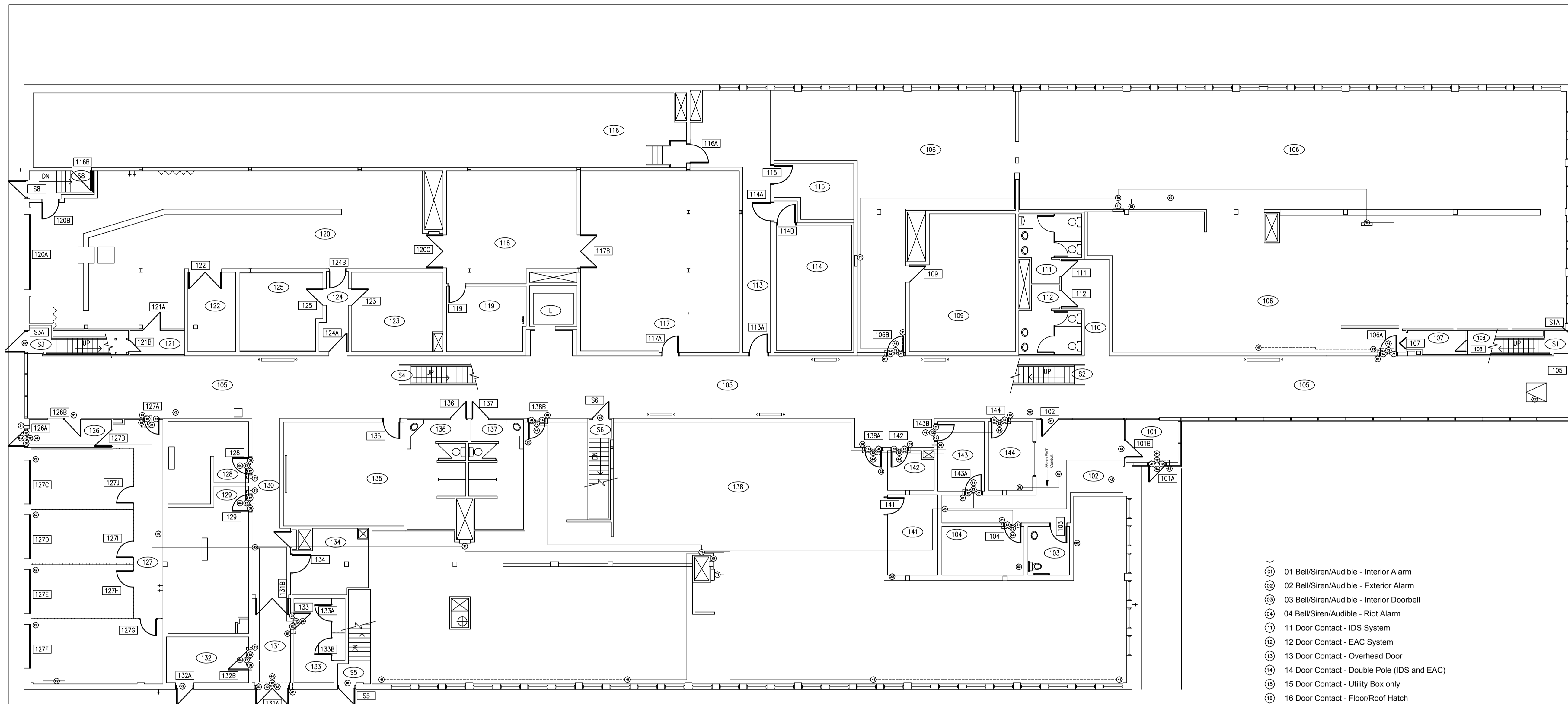
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KAD
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KAD/GTK
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**NEW BUILDING SECURITY &
 ACCESS CONTROL
 CONDUIT ROUGH-IN PLAN**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	E11.2	0

DRAWING: E11.2, 11
 FILE NAME: 12515_E11.2
 DRAWING: E11.2





1 MAIN FLOOR PLAN - EAC & IDS
N.T.S.

DRAWING LEGEND

- 13mm Conduit unless specified otherwise
- Conduit sized to fit cables unless specified otherwise (minimum 19mm)
- (A1) A1 Backboard - IDS
- (A2) A2 Backboard - Access Control
- (A3) A3 Backboard - Communications
- (A4) A4 Backboard - Access Control and IDS
- (A5) A5 Backboard - CCVE
- (A6) A6 Backboard - Access Control, IDS and CCVE
- (F1) F1 Fire Alarm Connection
- (GA) GA Garage/Overhead Door Interface
- (H1) H1 Sensor - High Temperature
- (HA) HA Handicap Access Interface
- (I1) I1 Junction Box - Intrusion
- (I2) I2 Junction Box - Access Control
- (I3) I3 Junction Box - Access Control and IDS
- (I4) I4 Junction Box - CCVE
- (I5) I5 Junction Box - CCVE (above cell block ceiling)
- (I6) I6 Junction Box - CCVE (above/below Guardroom Consoles)
- (I7) I7 Junction Box - Interview Room CCVE
- (I8) I8 Junction Box - Intoxilyer Room CCVE
- (T1) T1 Cabinet - Intrusion (900H X 600W X 150D)
- (T2) T2 Cabinet - Access Control (300H X 300W X 100D)
- (T3) T3 Cabinet - Monitoring Room (450H X 450W X 100D)
- (T4) T4 Cabinet - CCVE Guardroom (300H X 300W X 100D)
- (T5) T5 Cabinet - Outdoor CCVE Enclosure
- (T7) T7 Cabinet - Riot Alarm (300H X 300W X 100D)
- (T8) T8 Cabinet - Access Controlled Gate (300H X 300W X 100D)
- (T9) T9 Cabinet - Other
- (X1) X1 Extra - Other
- (X2) X2 Other

- (01) 01 Bell/Siren/Audible - Interior Alarm
- (02) 02 Bell/Siren/Audible - Exterior Alarm
- (03) 03 Bell/Siren/Audible - Interior Doorbell
- (04) 04 Bell/Siren/Audible - Riot Alarm
- (11) 11 Door Contact - IDS System
- (12) 12 Door Contact - EAC System
- (13) 13 Door Contact - Overhead Door
- (14) 14 Door Contact - Double Pole (IDS and EAC)
- (15) 15 Door Contact - Utility Box only
- (16) 16 Door Contact - Floor/Roof Hatch
- (17) 17 Door Plunger
- (18) 18 Photo-electric Beam
- (21) 21 Keypad - Arming
- (22) 22 Keypad - Arming with LED Armed Status Display
- (31) 31 Lock - Electric Strike in Single Door
- (32) 32 Lock - Electric Strike in Double Door with Mullion
- (33) 33 Lock - Abloy EA281 Power Transfer Loop
- (34) 34 Lock - Electric Strike in Control Gate
- (41) 41 Motion Detector - Ceiling Mounted
- (42) 42 Motion Detector - Corner Mounted
- (43) 43 Motion Detector - Wall Mounted
- (44) 44 Motion Detector - Request to Exit
- (51) 51 Panic Switch - Wall Mounted
- (52) 52 Panic Switch - Below Counter
- (53) 53 Riot Alarm Panic Pushbutton - Cell Block
- (61) 61 Reader - Wall Mount
- (62) 62 Reader - Mullion or Frame Mount
- (63) 63 Reader - Half Height Door/Gate
- (71) 71 Switch - Push-button for Doorbell
- (72) 72 Switch - Manual Door Unlock
- (73) 73 Switch - Riot Alarm Reset Pushbutton
- (80) 80 CCVE Video Monitor(s)
- (81) 81 CCVE Camera - Interior Ceiling Mounted Dome
- (82) 82 CCVE Camera - Corner Mount Dome in a Cell
- (83) 83 CCVE Camera - Interior Wall Mounted
- (84) 84 CCVE Camera - Interview Room - Ceiling Mounted Dome
- (85) 85 CCVE Camera - Intoxilyer Room
- (86) 86 CCVE Camera - Exterior
- (87) 87 CCVE Camera - Exterior Pole Mounted
- (88) 88 CCVE Camera - Interview Room - Wall Mounted Dome
- (91) 91 Microphone - Interview Room
- (92) 92 Microphone - Intoxilyer Room
- (93) 93 Intercom - Door Station
- (94) 94 Intercom - Master
- (95) 95 Intercom - Sub-Master
- (96) 96 Intercom - Existing Door Station

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Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2017-02-03

Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approuvé par

Designed by/Concept par
KAD

Drawn by/Dessiné par
KAD/GTK

Project Manager/Administrateur de Projets
HM/KS

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

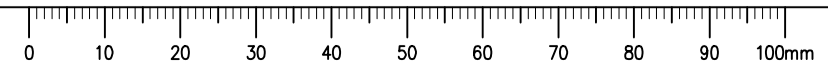
Client/client

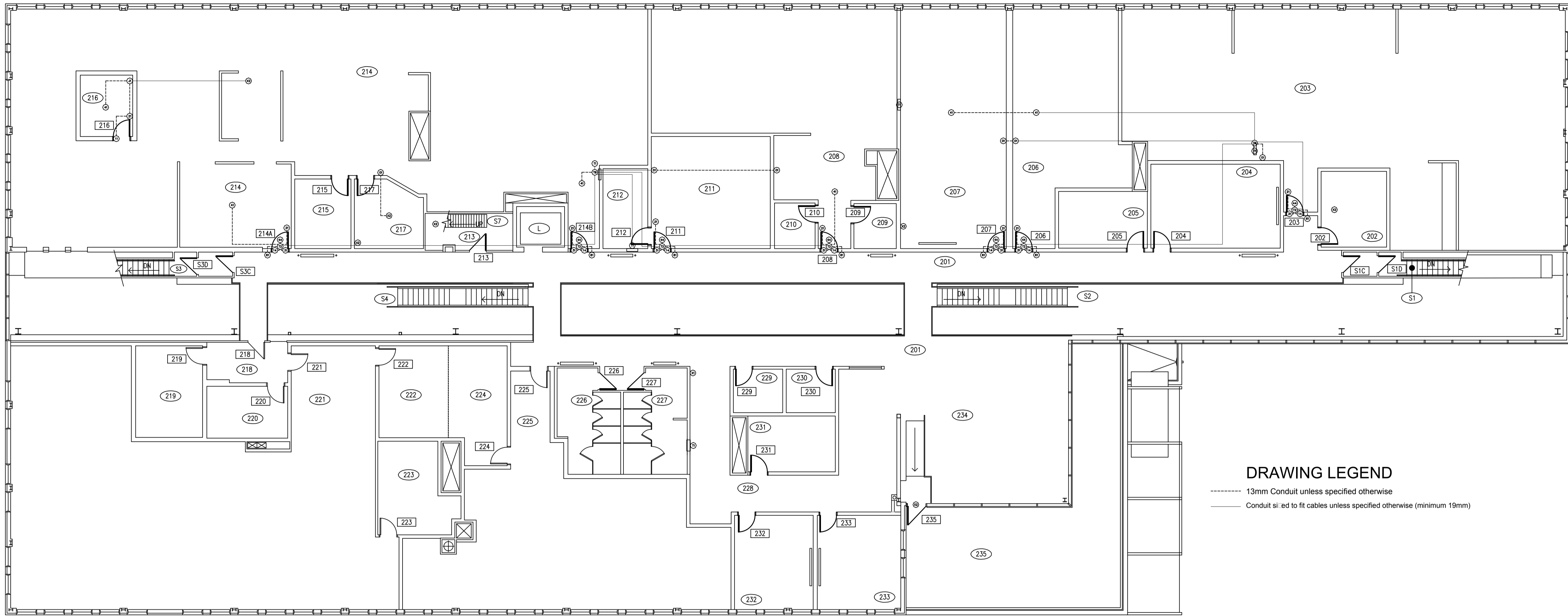
Drawing title/Titre du dessin

**NEW BUILDING SECURITY &
 ACCESS CONTROL
 CONDUIT ROUGH-IN PLAN**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
30/2015	E11.3	0

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 DATE: 2017-02-03 11:11:11 AM PST
 DRAWING: E11.3





DRAWING LEGEND

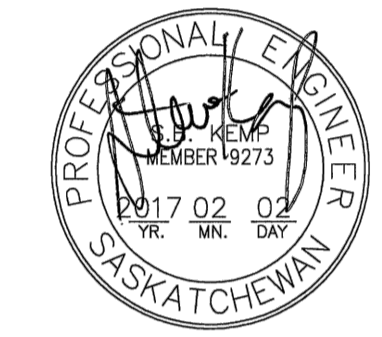
- 13mm Conduit unless specified otherwise
- _____ Conduit sized to fit cables unless specified otherwise (minimum 19mm)

1 SECOND FLOOR PLAN
E11.4 N.T.S.

DRAWING NOTED: N
 FILE NAME: 12201211-11.4_phase.dwg
 DRAWING: E11.4

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Project Title/Titre du projet

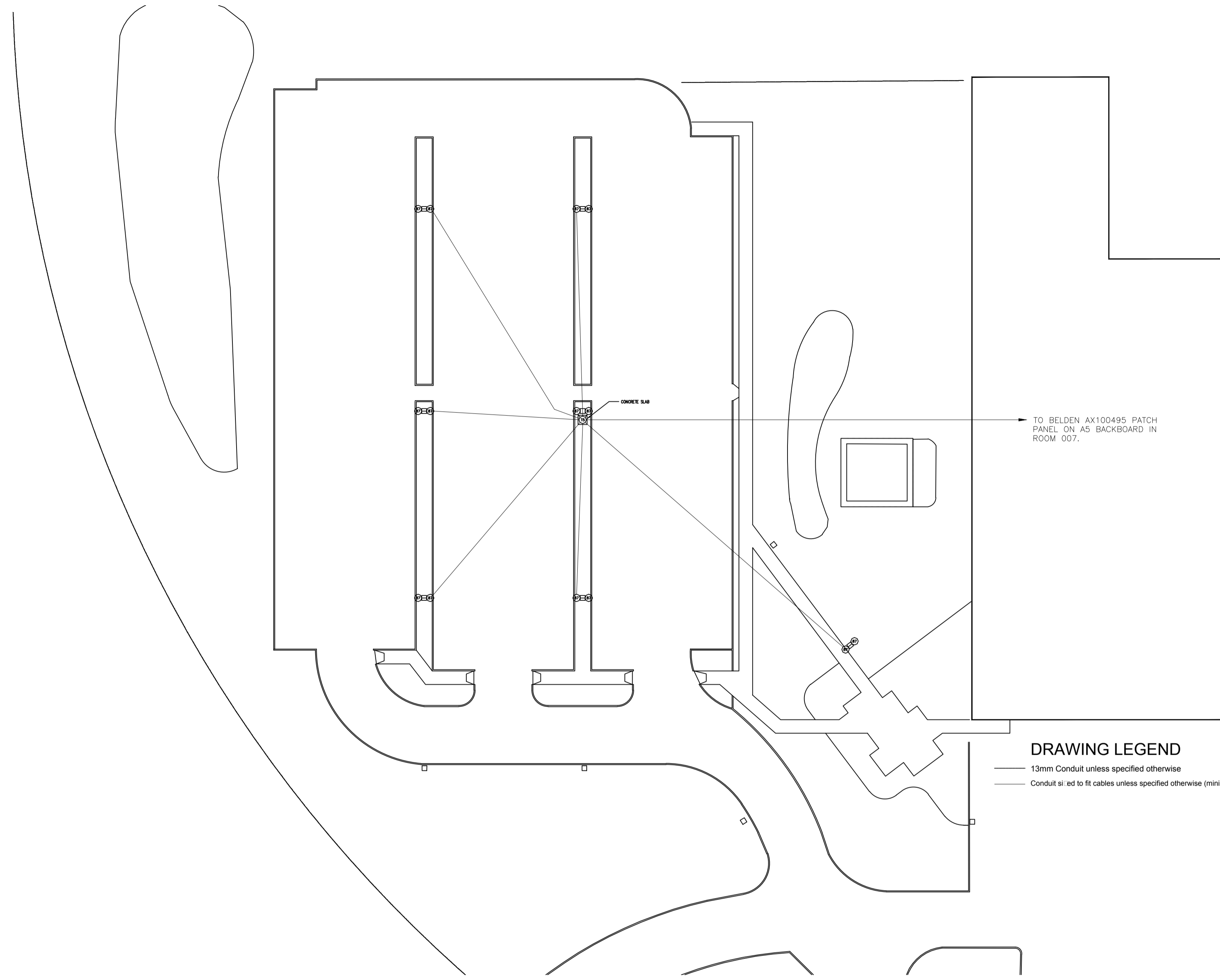
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approuve par
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KAD
 Drawn by/Dessine par
KAD/GTK
 Project Manager/Administrateur de Projets
HM/KS
 Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie
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**NEW BUILDING SECURITY &
 ACCESS CONTROL
 CONDUIT ROUGH-IN PLAN**

Project No./No. du projet 30/2015	Sheet/ Feuille E11.4	Revision no./ La Révision no. 0
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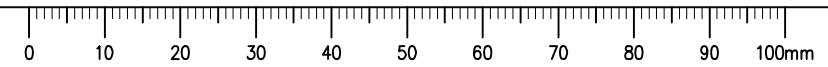




DRAWING LEGEND
 — 13mm Conduit unless specified otherwise
 — Conduit sized to fit cables unless specified otherwise (minimum 19mm)

 **1** SITE PLAN
 E11.5 N.T.S.

DRAWING PLOTTED BY: KAD
 FILE NAME: 12515_E11.5
 DRAWING: E11.5

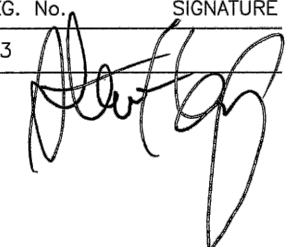


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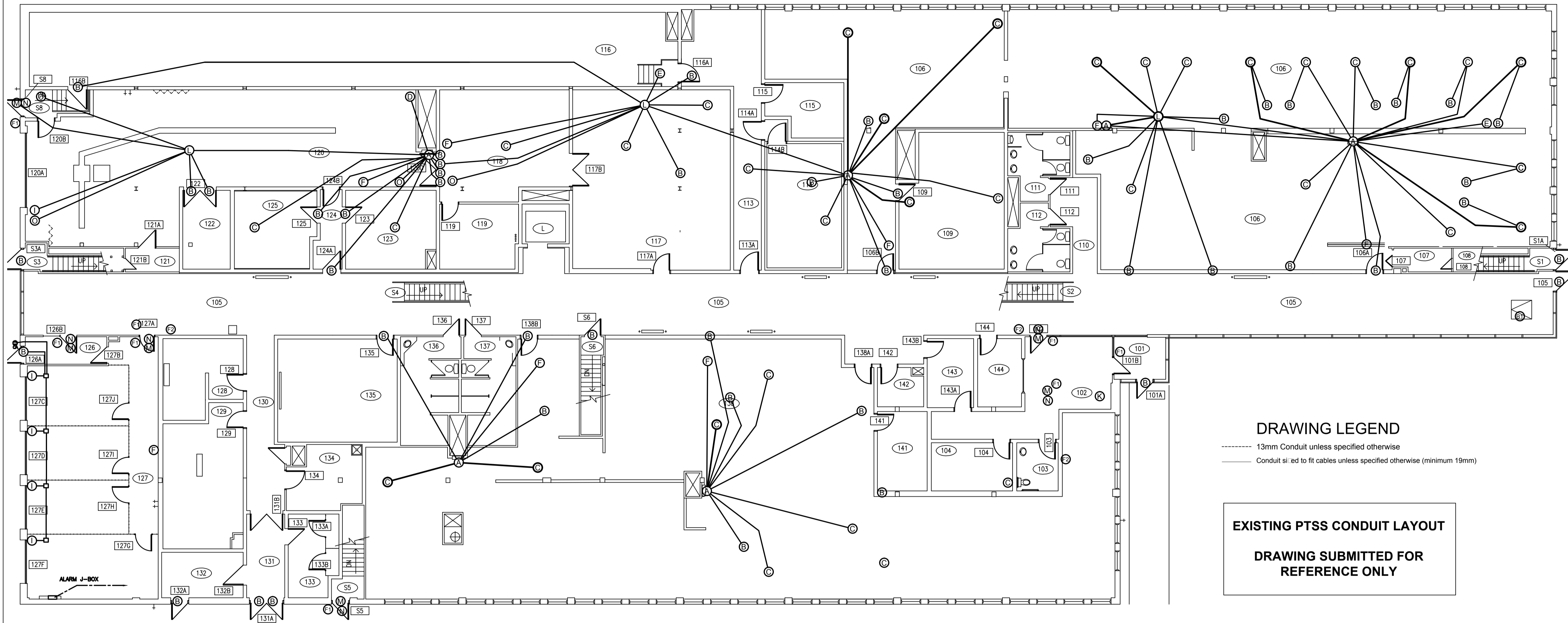
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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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**NEW BUILDING SECURITY &
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 CONDUIT ROUGH-IN PLAN**

Project No./No. du projet 30/2015	Sheet/ Feuille E11.5	Revision no./ La Révision no. 0
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DRAWING LEGEND
 ----- 13mm Conduit unless specified otherwise
 _____ Conduit sized to fit cables unless specified otherwise (minimum 19mm)

EXISTING PTSS CONDUIT LAYOUT
DRAWING SUBMITTED FOR REFERENCE ONLY

1 MAIN FLOOR PLAN
 E11.6 N.T.S.

DRAWING: 04/10/2015, 11:11:11 AM
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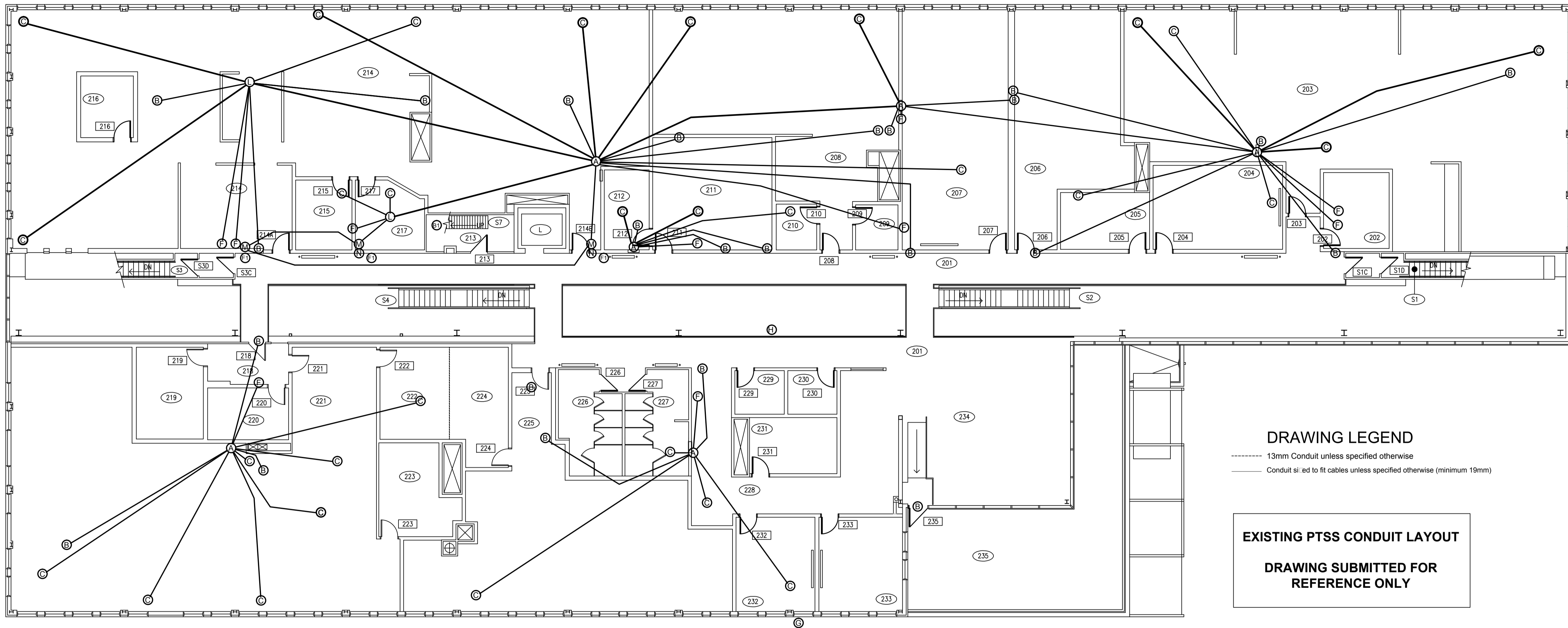
Project Title/Titre du projet
**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

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Drawing Title/Titre du dessin
**EXISTING BUILDING SECURITY &
 ACCESS CONTROL
 CONDUIT LAYOUT**

Project No./No. du projet 30/2015	Sheet/ Feuille E11.6	Revision no./ La Révision no. 0
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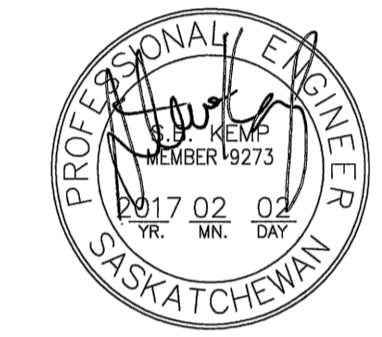
DRAWING LEGEND
 - - - - - 13mm Conduit unless specified otherwise
 _____ Conduit sized to fit cables unless specified otherwise (minimum 19mm)

EXISTING PTSS CONDUIT LAYOUT
DRAWING SUBMITTED FOR REFERENCE ONLY

 **1** SECOND FLOOR PLAN
 E11.7 N.T.S.

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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

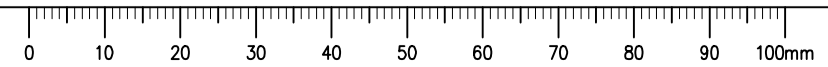
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**EXISTING BUILDING SECURITY &
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 CONDUIT LAYOUT**

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30/2015	E11.7	0

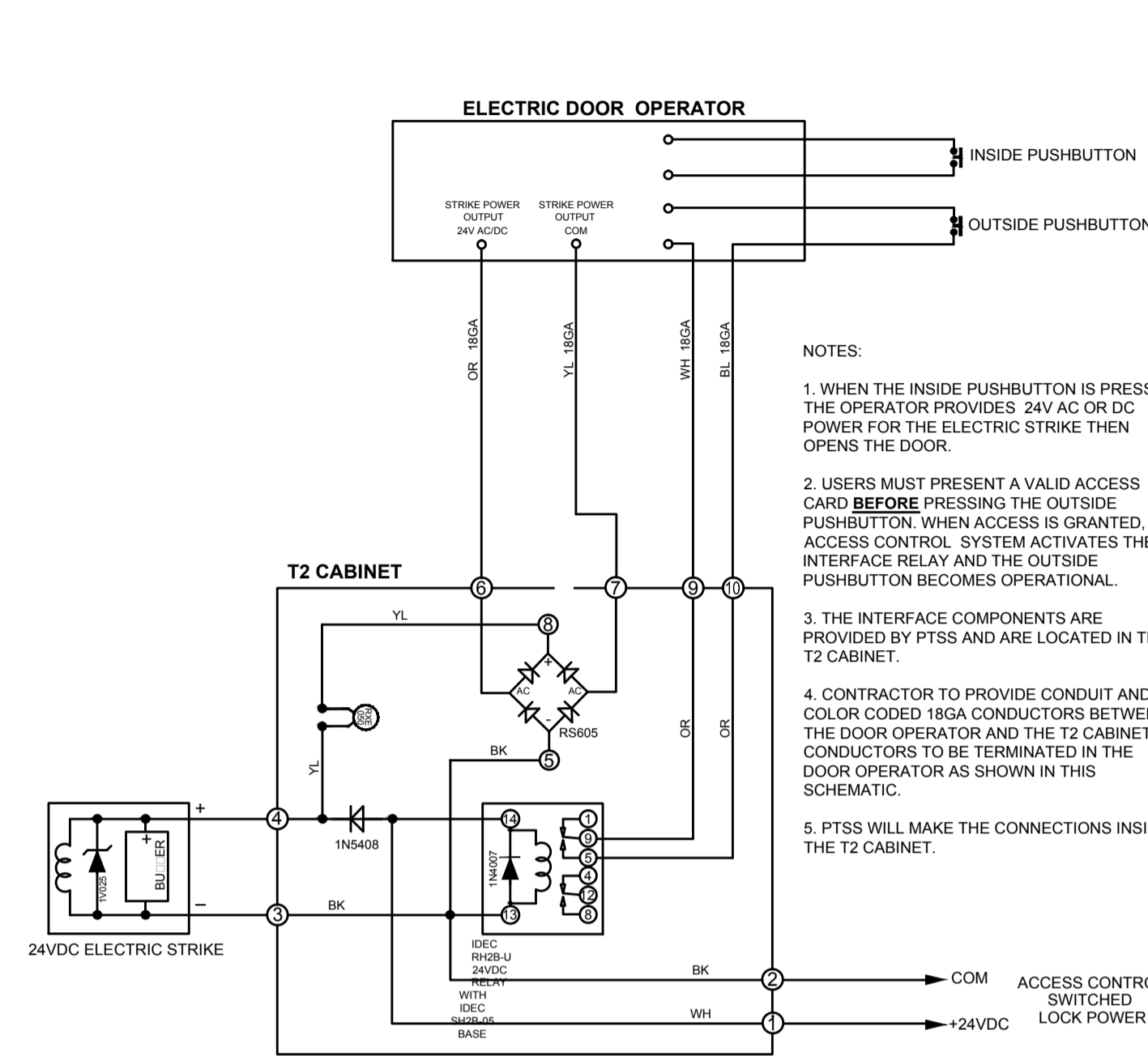


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 DATE: 2017-02-02 11:17
 DRAWING: E11.7



Detail Drawing

ACCESS CONTROL - ELEVATION OF DOUBLE DOOR (NO MULLION) WITH DOOR CONTACTS, REQUEST TO EXIT DETECTOR AND WALL MOUNT READER

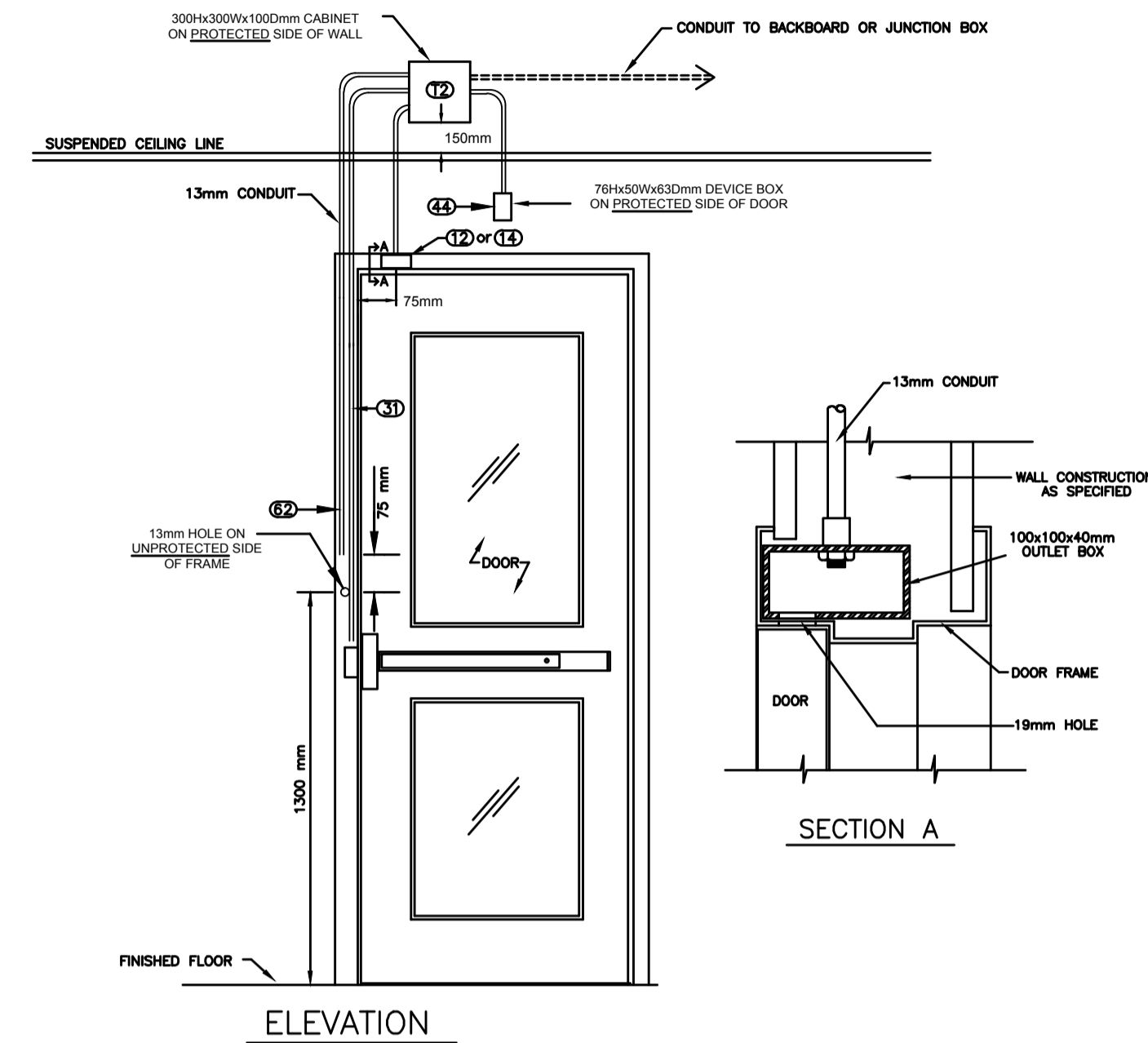


- NOTES:
1. WHEN THE INSIDE PUSHBUTTON IS PRESSED, THE OPERATOR PROVIDES 24V AC OR DC POWER FOR THE ELECTRIC STRIKE THEN OPENS THE DOOR.
 2. USERS MUST PRESENT A VALID ACCESS CARD BEFORE PRESSING THE OUTSIDE PUSHBUTTON. WHEN ACCESS IS GRANTED, THE ACCESS CONTROL SYSTEM ACTIVATES THE INTERFACE RELAY AND THE OUTSIDE PUSHBUTTON BECOMES OPERATIONAL.
 3. THE INTERFACE COMPONENTS ARE PROVIDED BY PTSS AND ARE LOCATED IN THE T2 CABINET.
 4. CONTRACTOR TO PROVIDE CONDUIT AND COLOR CODED 18GA CONDUCTORS BETWEEN THE DOOR OPERATOR AND THE T2 CABINET. CONDUCTORS TO BE TERMINATED IN THE DOOR OPERATOR AS SHOWN IN THIS SCHEMATIC.
 5. PTSS WILL MAKE THE CONNECTIONS INSIDE THE T2 CABINET.

ACCESS CONTROL - HANDICAP ACCESS INTERFACE as of 2015-03-18

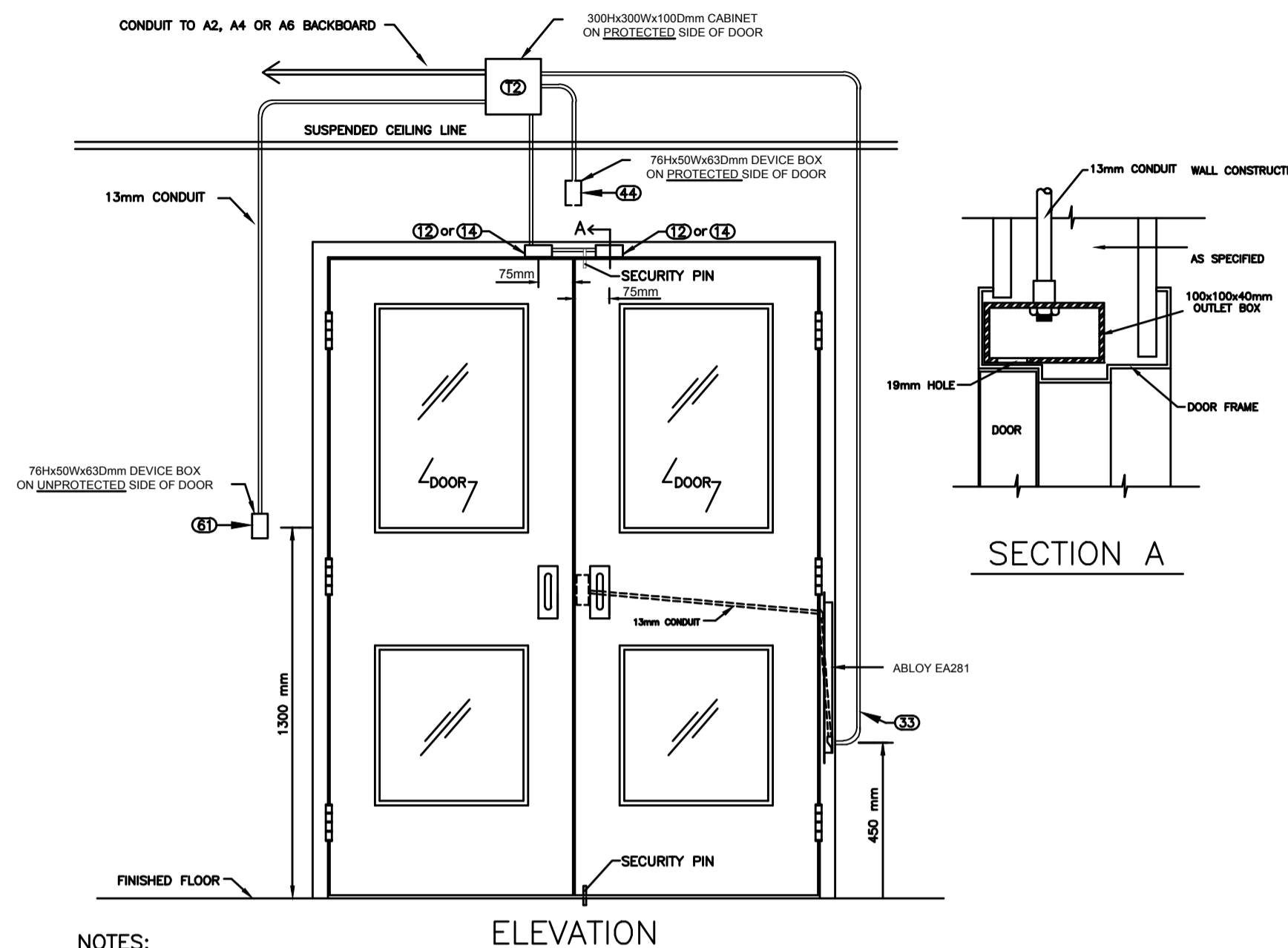
Detail Drawing

ACCESS CONTROLLED - ELEVATION OF SINGLE DOOR WITH DOOR CONTACT, FRAME MOUNTED READER AND ELECTRIC STRIKE (PANIC HARDWARE)



- NOTES:
- CONDUIT CONNECTOR(S) WILL BE MOUNTED AND FASTENED TO THE JUNCTION BOX BY THE DOOR-FRAME FABRICATOR.
 - OUTLET BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.
 - DRILL A 19MM HOLE AT 75MM (CENTER POINT) FROM THE EDGE OF THE DOOR (SLAMMING SIDE) TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.

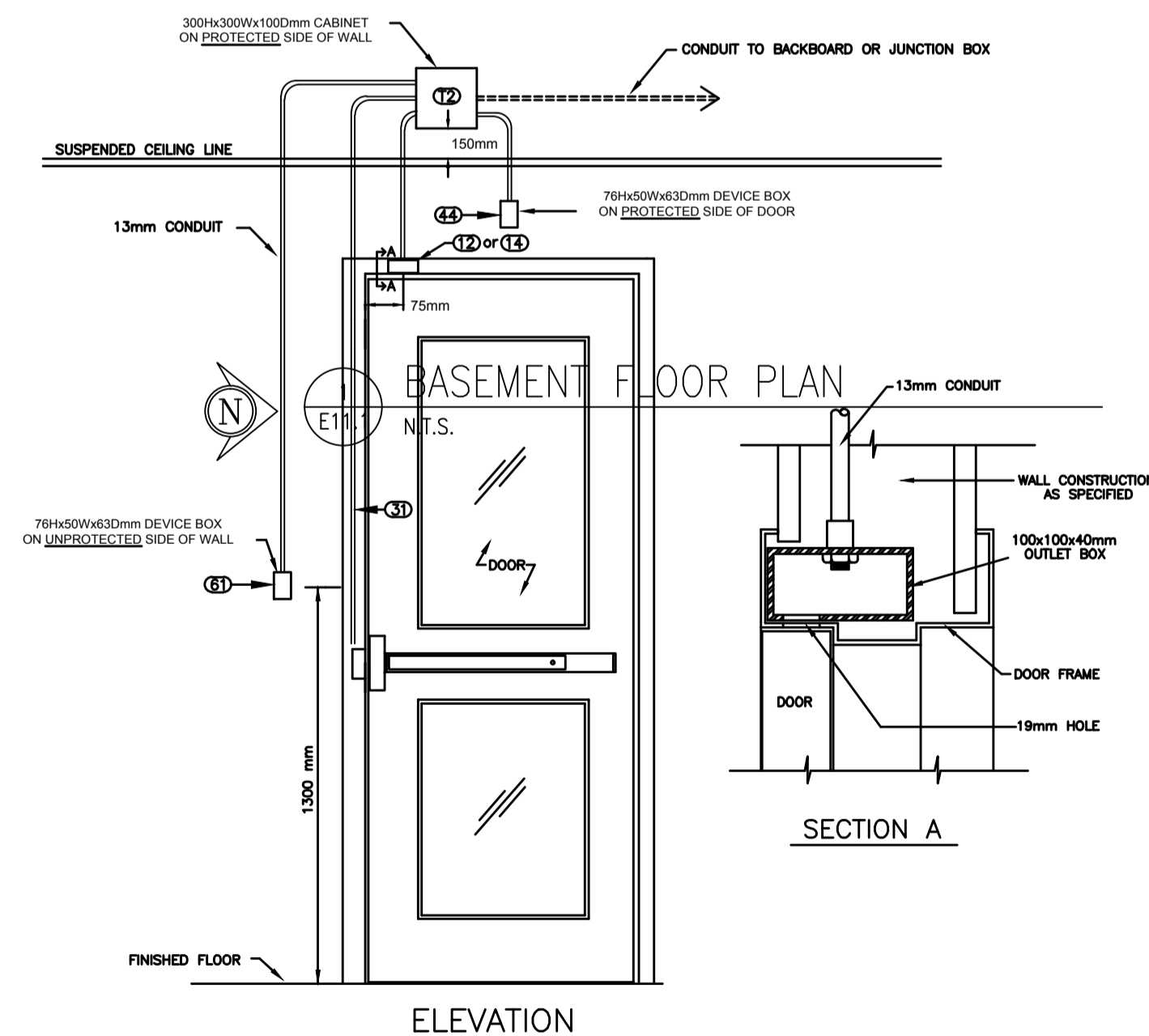
SCALE: N.T.S. File: Access Control - Single Door, frame mount reader & electric strike (panic hardware) as of 20yy-mm-dd.dwg



- NOTES:
- THE CONDUIT CONNECTOR WILL BE MOUNTED AND FASTENED TO THE JUNCTION BOX BY THE DOOR-FRAME FABRICATOR.
 - JUNCTION BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.
 - DRILL A 19MM HOLE AT 75MM (CENTER POINT) FROM THE EDGE OF THE DOOR CASING (150 MM IF USING ALTERNATE LOCATION) TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.
 - ABLOY EA281 LEAD COVER AND 13mm CONDUIT INSIDE THE DOOR TO BE PROVIDED AND INSTALLED BY DOOR FRAME FABRICATOR.

SCALE: N.T.S. File: DATA\CAD\DETAIL DRAWINGS\Access Control - Double Doors (NO MULLION), wall mount reader as of 20yy-mm-dd.dwg

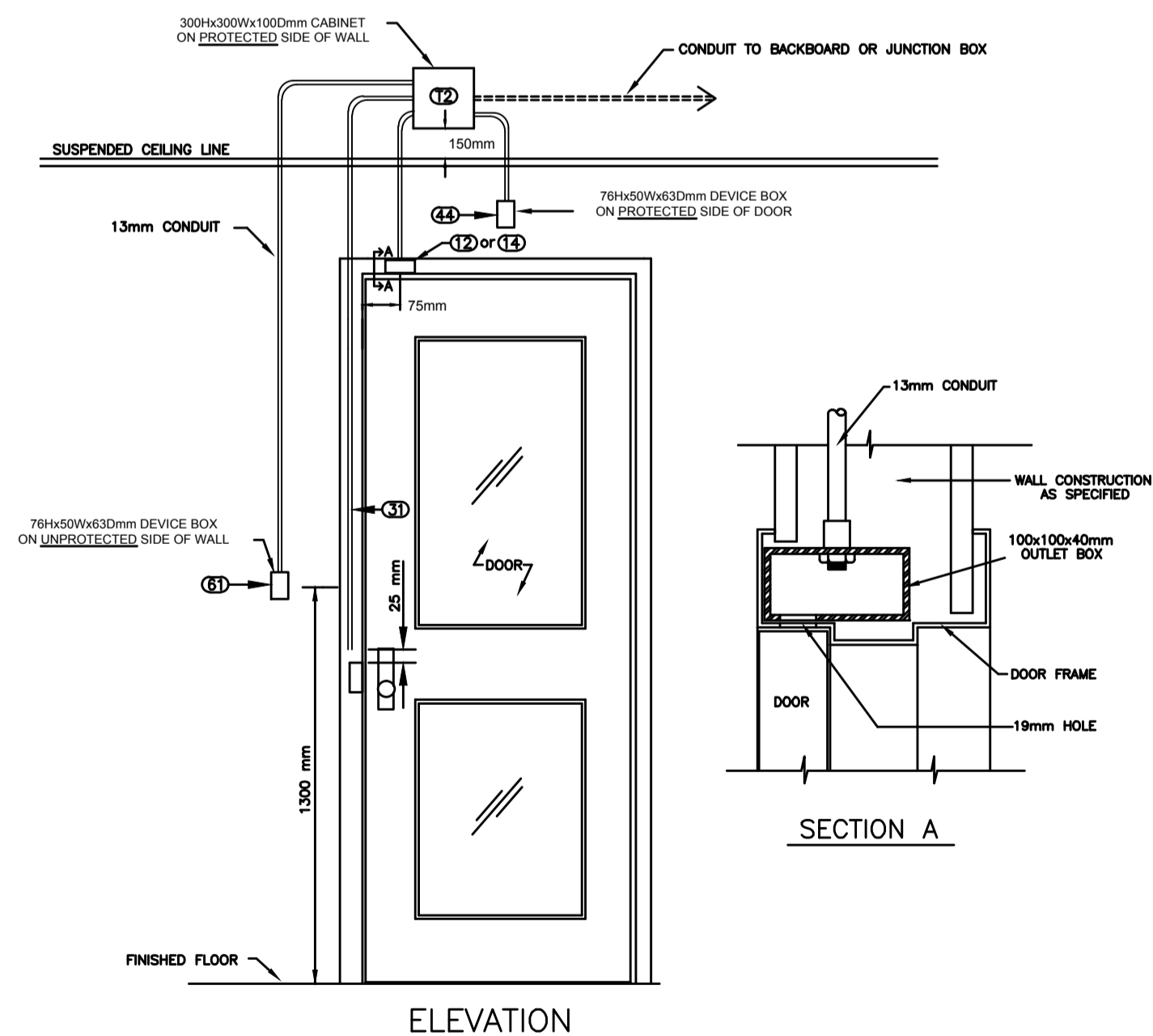
Detail Drawing
ACCESS CONTROL - ELEVATION OF SINGLE DOOR WITH DOOR CONTACT, WALL MOUNTED READER AND ELECTRIC STRIKE (PANIC HARDWARE)



- NOTES:
- CONDUIT CONNECTOR TO BE MOUNTED AND FASTENED TO OUTLET BOX BY DOOR FRAME FABRICATOR.
 - OUTLET BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.
 - DRILL A 19MM HOLE AT 75MM (CENTER POINT) FROM THE EDGE OF THE DOOR CASING TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.

SCALE: N.T.S. File: Access Control - Single Door, wall mount reader & electric strike as of 20yy-mm-dd.dwg

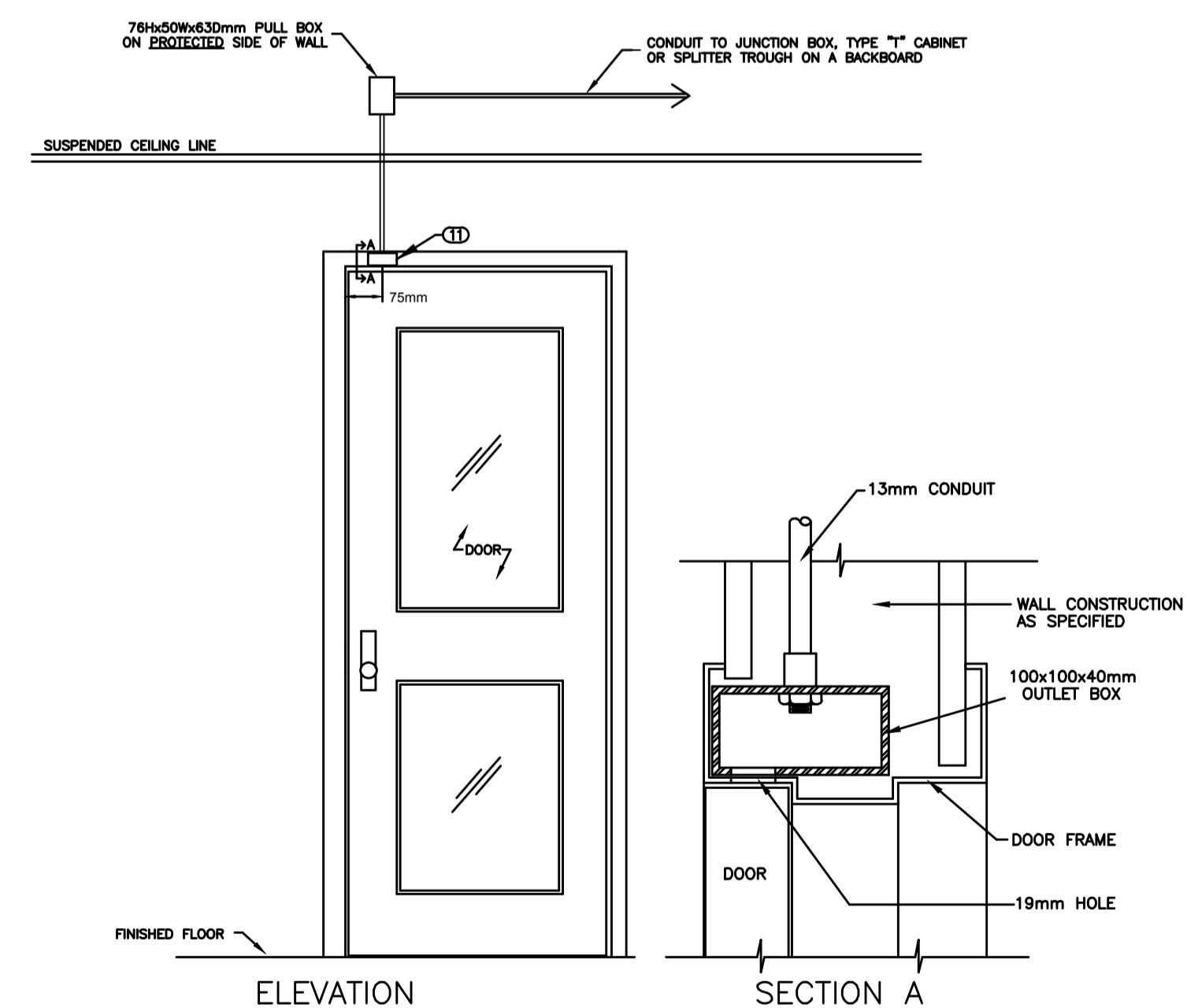
Detail Drawing
ACCESS CONTROL - ELEVATION OF SINGLE DOOR WITH DOOR CONTACT, WALL MOUNTED READER AND ELECTRIC STRIKE



- NOTES:
- CONDUIT CONNECTOR TO BE MOUNTED AND FASTENED TO OUTLET BOX BY DOOR FRAME FABRICATOR.
 - OUTLET BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.
 - DRILL A 19MM HOLE AT 75MM (CENTER POINT) FROM THE EDGE OF THE DOOR CASING TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.

SCALE: N.T.S. File: Access Control - Single Door, wall mount reader & electric strike as of 20yy-mm-dd.dwg

Detail Drawing
PROTECTED DOOR - ELEVATION OF SINGLE DOOR WITH DOOR CONTACT



- NOTES:
- CONDUIT CONNECTOR TO BE MOUNTED AND FASTENED TO THE OUTLET BOX BY DOOR FRAME FABRICATOR.
 - OUTLET BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.
 - DRILL A 19MM HOLE AT 75MM (CENTER POINT) FROM THE EDGE OF THE DOOR CASING TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.

SCALE: N.T.S. File: Data\CAD\Detail Drawings\Protected Door - Elevation of Single Door as of 20yy-mm-dd.dwg



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Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2017-02-02

Project Title/Titre du projet

INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN

Approved by/Approve par
Designed by/Concept par
KAD
Drawn by/Dessine par
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Project Manager/Administrateur de Projets
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Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie

Client/client

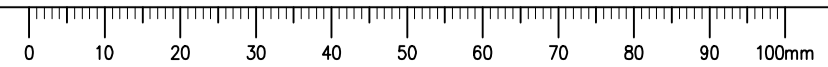
Drawing title/Titre du dessin

NEW BUILDING SECURITY &
ACCESS CONTROL
CONDUIT ROUGH-IN DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
30/2015	E11.8	0



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FILE NAME: 12515.E11.8
DRAWING: E11.8





REL FILE: 12515
 ASSOCIATION OF PROFESSIONAL ENGINEERS
 OF SASKATCHEWAN
 CERTIFICATE OF AUTHORIZATION
 RITENBURG & ASSOCIATES LTD.
 NUMBER 52

PERMISSION TO CONSULT HELD BY:
 DISCIPLINE SASK. REG. No. SIGNATURE
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Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2017-02-02

Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par
KAD

Drawn by/Dessine par
KAD/GTK

Project Manager/Administrateur de Projets
HM/KS

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

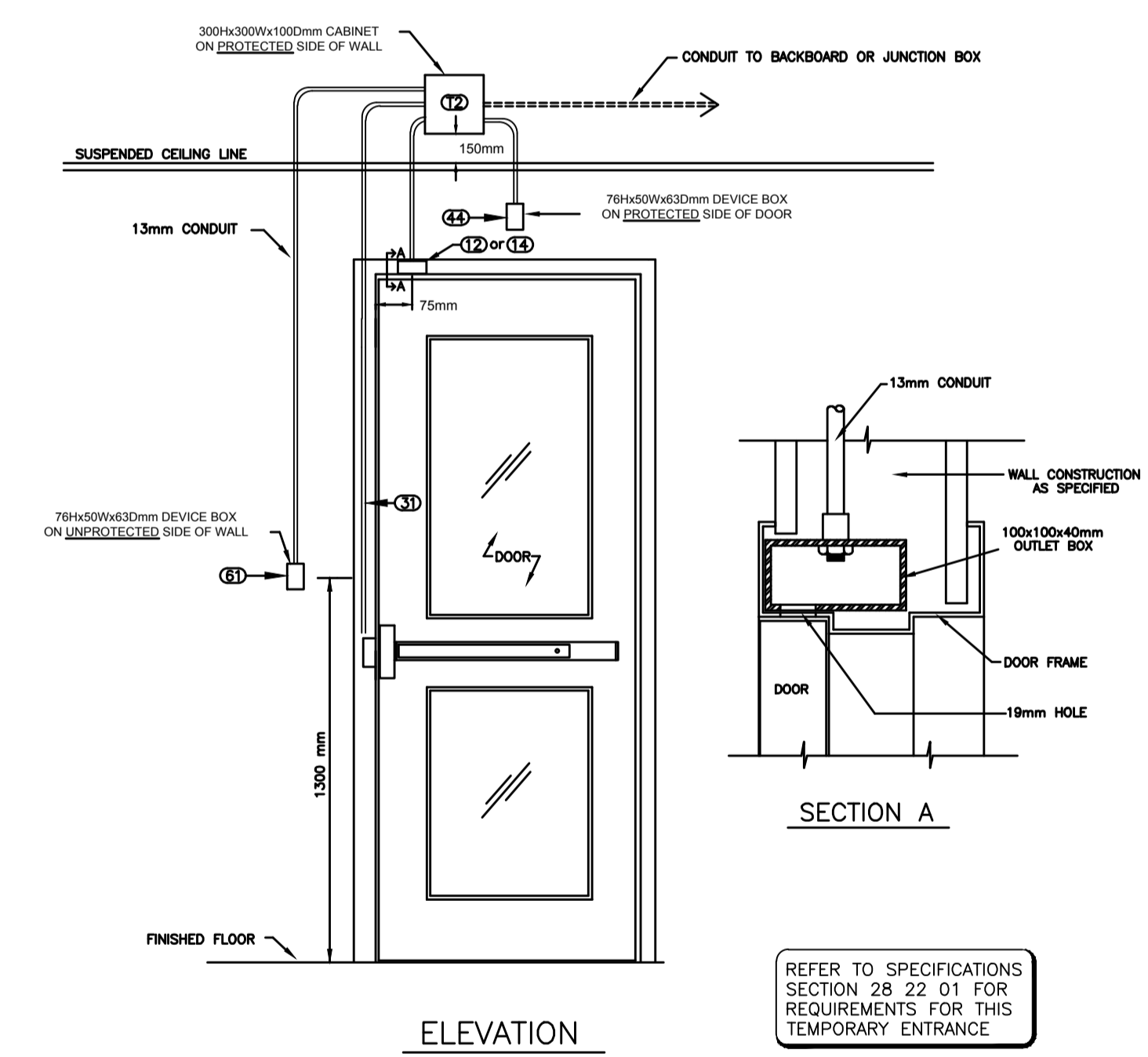
Client/client

Drawing title/Titre du dessin

**NEW BUILDING SECURITY &
 ACCESS CONTROL
 CONDUIT ROUGH-IN DETAILS
 MAIN FLOOR TEMPORARY ENTRANCE**

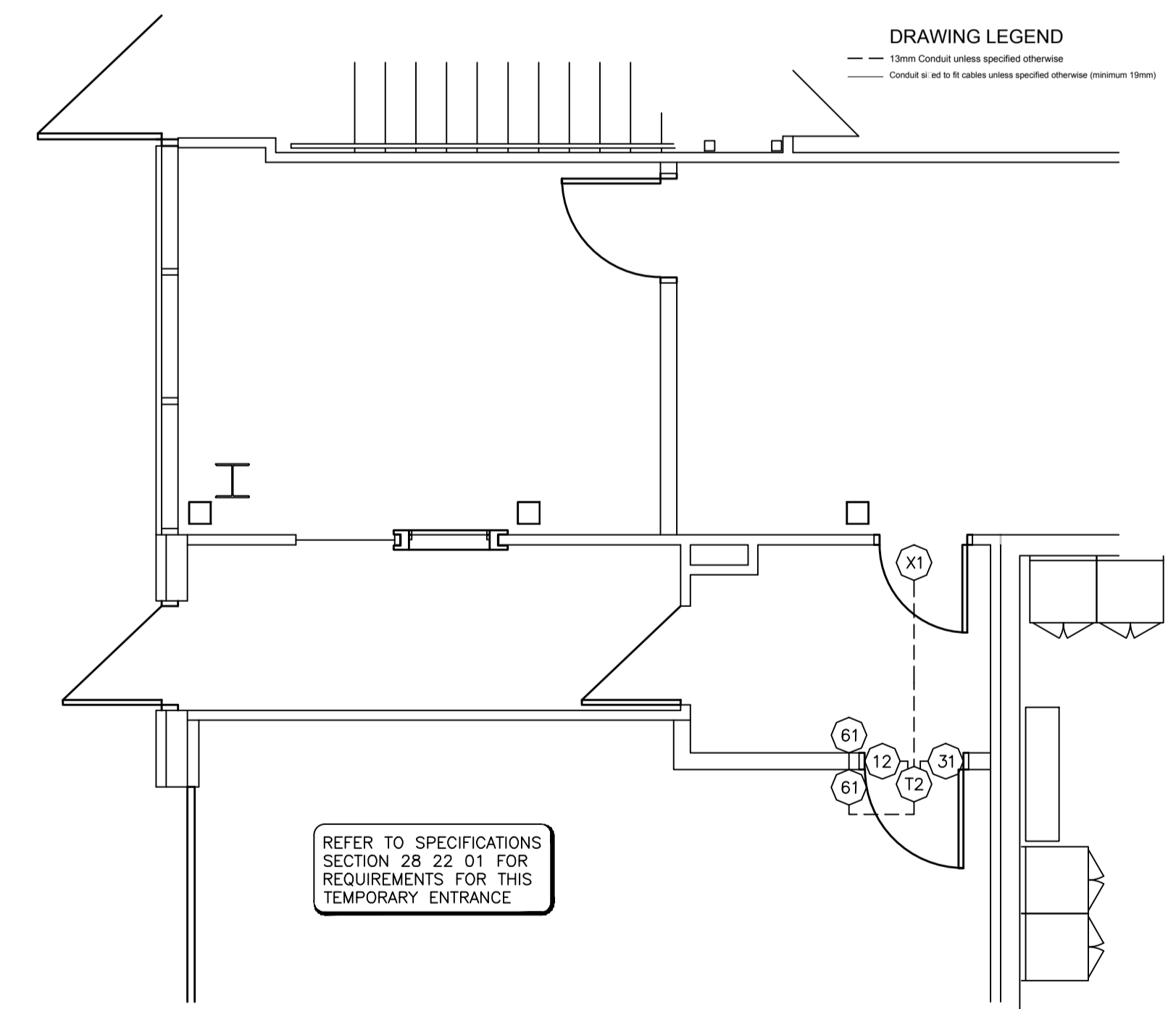
Project No./No. du projet 30/2015	Sheet/ Feuille E12.1	Revision no./ La Révision no. 0
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**ACCESS CONTROL – ELEVATION OF SINGLE DOOR
 WITH DOOR CONTACT, WALL MOUNTED READER
 AND ELECTRIC STRIKE (PANIC HARDWARE)**



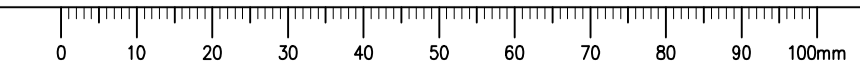
NOTES:
 CONDUIT CONNECTOR TO BE MOUNTED AND FASTENED TO OUTLET BOX BY DOOR FRAME FABRICATOR.
 OUTLET BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.
 DRILL A 19MM HOLE AT 75MM (CENTER POINT) FROM THE EDGE OF THE DOOR CASING TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.

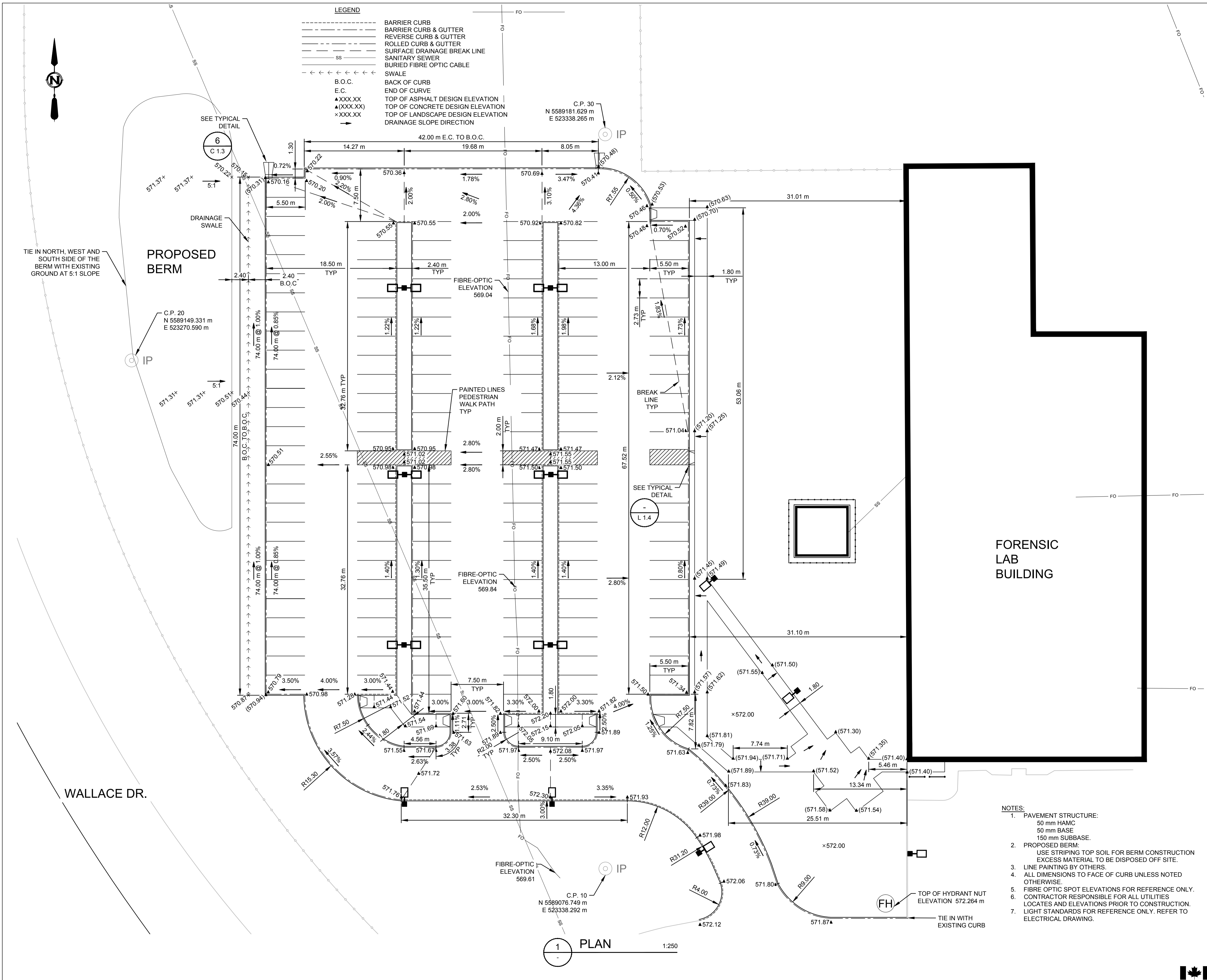
SCALE: N.T.S. File: Access Control - Single Door, wall mount reader & electric strike as of 20yy-mm-dd.dwg



1 MAIN FLOOR – TEMPORARY MAIN ENTRANCE
 N.T.S.

DRAWING PLOTTED BY: KAD
 FILE NAME: 30_2015_E12.1 - phas_entrance.dwg
 DRAWING: E12.1





LEGEND

---	BARRIER CURB
---	BARRIER CURB & GUTTER
---	REVERSE CURB & GUTTER
---	ROLLED CURB & GUTTER
---	SURFACE DRAINAGE BREAK LINE
SS	SANITARY SEWER
---	BURIED FIBRE OPTIC CABLE
←←←←←	SWALE
B.O.C.	BACK OF CURB
E.C.	END OF CURVE
▲XXX.XX	TOP OF ASPHALT DESIGN ELEVATION
▲(XXX.XX)	TOP OF CONCRETE DESIGN ELEVATION
×XXX.XX	TOP OF LANDSCAPE DESIGN ELEVATION
→	DRAINAGE SLOPE DIRECTION

1 PLAN 1:250

- NOTES:**
- PAVEMENT STRUCTURE:
50 mm HAMC
50 mm BASE
150 mm SUBBASE.
 - PROPOSED BERM:
USE STRIPING TOP SOIL FOR BERM CONSTRUCTION
EXCESS MATERIAL TO BE DISPOSED OFF SITE.
 - LINE PAINTING BY OTHERS.
 - ALL DIMENSIONS TO FACE OF CURB UNLESS NOTED OTHERWISE.
 - FIBRE OPTIC SPOT ELEVATIONS FOR REFERENCE ONLY.
 - CONTRACTOR RESPONSIBLE FOR ALL UTILITIES LOCATES AND ELEVATIONS PRIOR TO CONSTRUCTION.
 - LIGHT STANDARDS FOR REFERENCE ONLY. REFER TO ELECTRICAL DRAWING.

SEPW Architecture Inc.

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ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION
ASSOCIATED ENGINEERING (SASK.) LTD.
NUMBER C116
PERMISSION TO CONSULT HELD BY:
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ASSOCIATED ENGINEERING QUALITY MANAGEMENT
Sandy Bailey
DATE: Dec. 7/16

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0	ISSUED FOR TENDER	2017-02-03
Revision/	Description/Description	Date/Date
Revision		

Project title/Titre du projet
INTERIOR FIT-UP PHASE II REGINA, SASKATCHEWAN

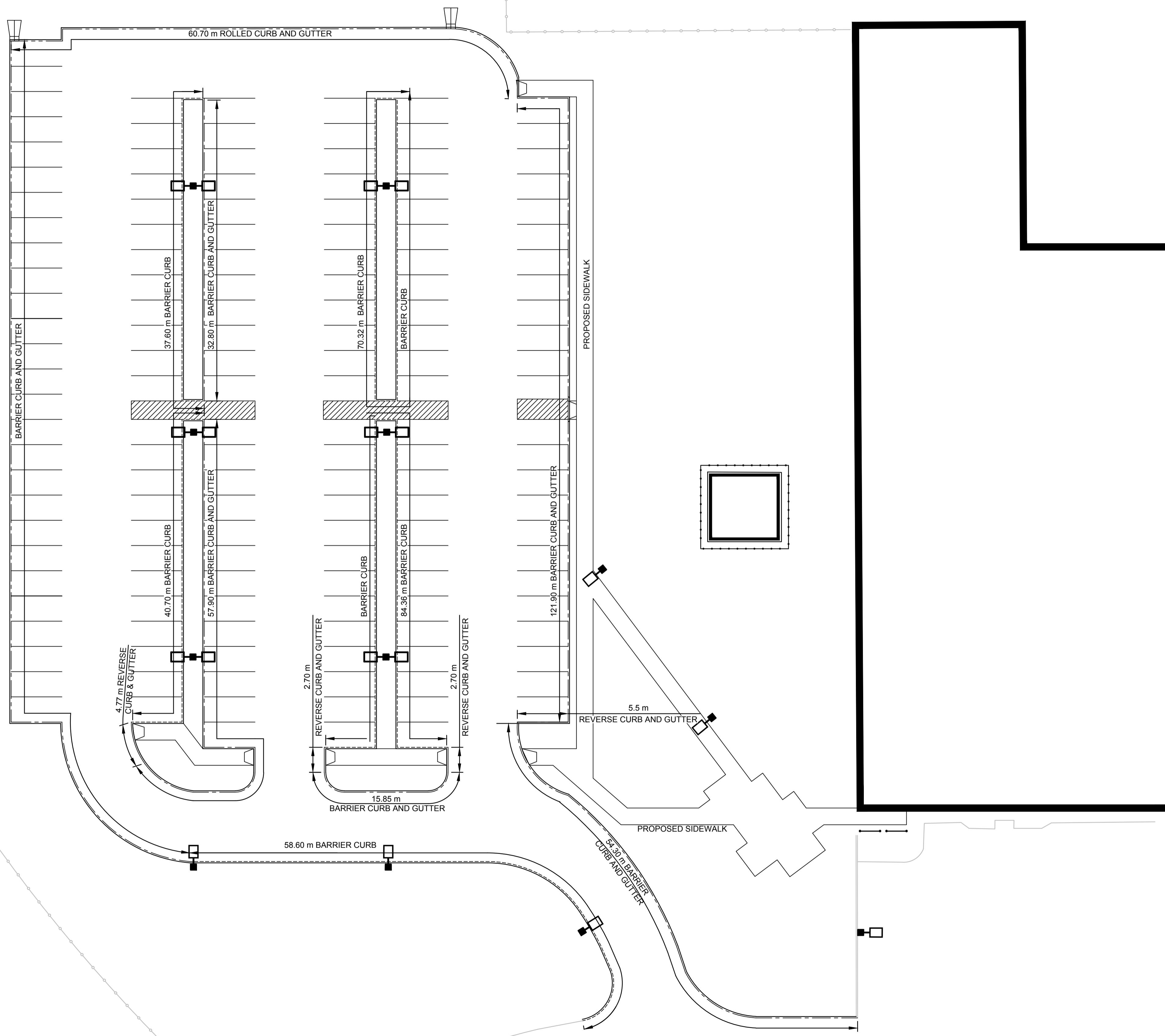
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Drawn by/Dessine par
Project Manager/Administrateur de Projets
HWIKS
Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie
Client/client
Drawing title/Titre du dessin
SURFACE GRADING

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
30/2015	C1.1	0

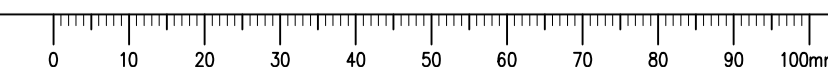


LEGEND

---	BARRIER CURB
---	BARRIER CURB & GUTTER
---	REVERSE CURB & GUTTER
---	ROLLED CURB & GUTTER
---	SURFACE DRAINAGE BREAK LINE
SS	SANITARY SEWER
---	BURIED FIBRE OPTIC CABLE



1 PLAN 1:250



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ASSOCIATION OF PROFESSIONAL ENGINEERS
 AND GEOSCIENTISTS OF SASKATCHEWAN
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ASSOCIATED ENGINEERING QUALITY MANAGEMENT
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Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par
TI

Drawn by/Dessine par
TI

Project Manager/Administrateur de Projets
HM/KS

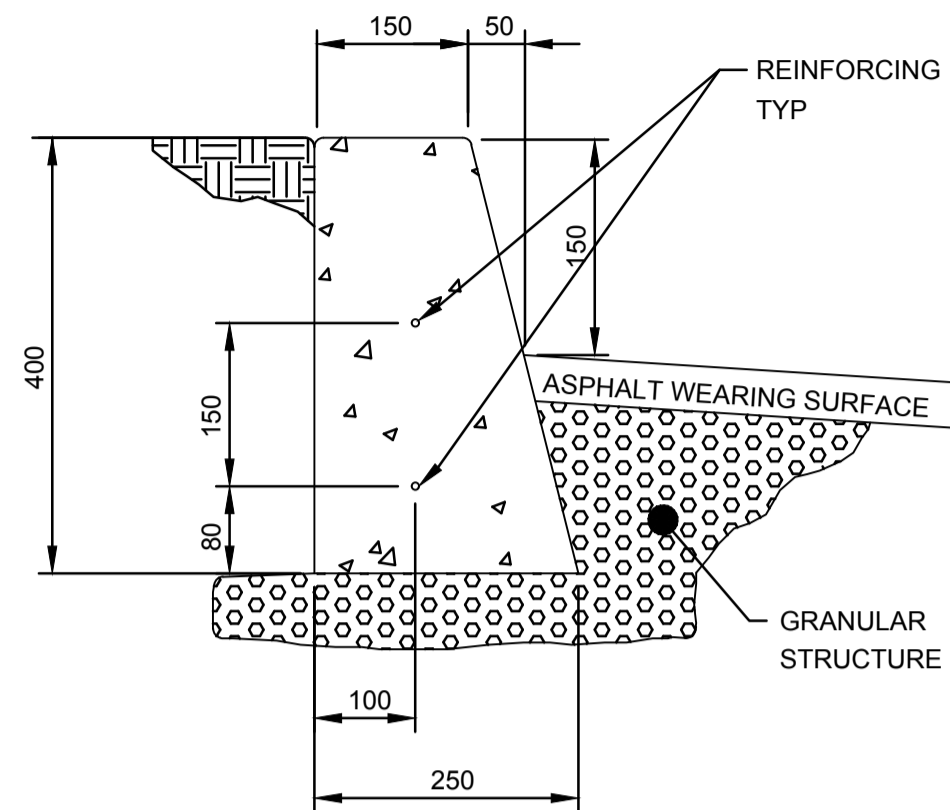
Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie

Drawing title/Titre du dessin

SIDEWALK, CURB & GUTTER

Project No./No. du projet	Sheet/Feuille	Revision no./La Revision no.
30/2015	C1.2	0

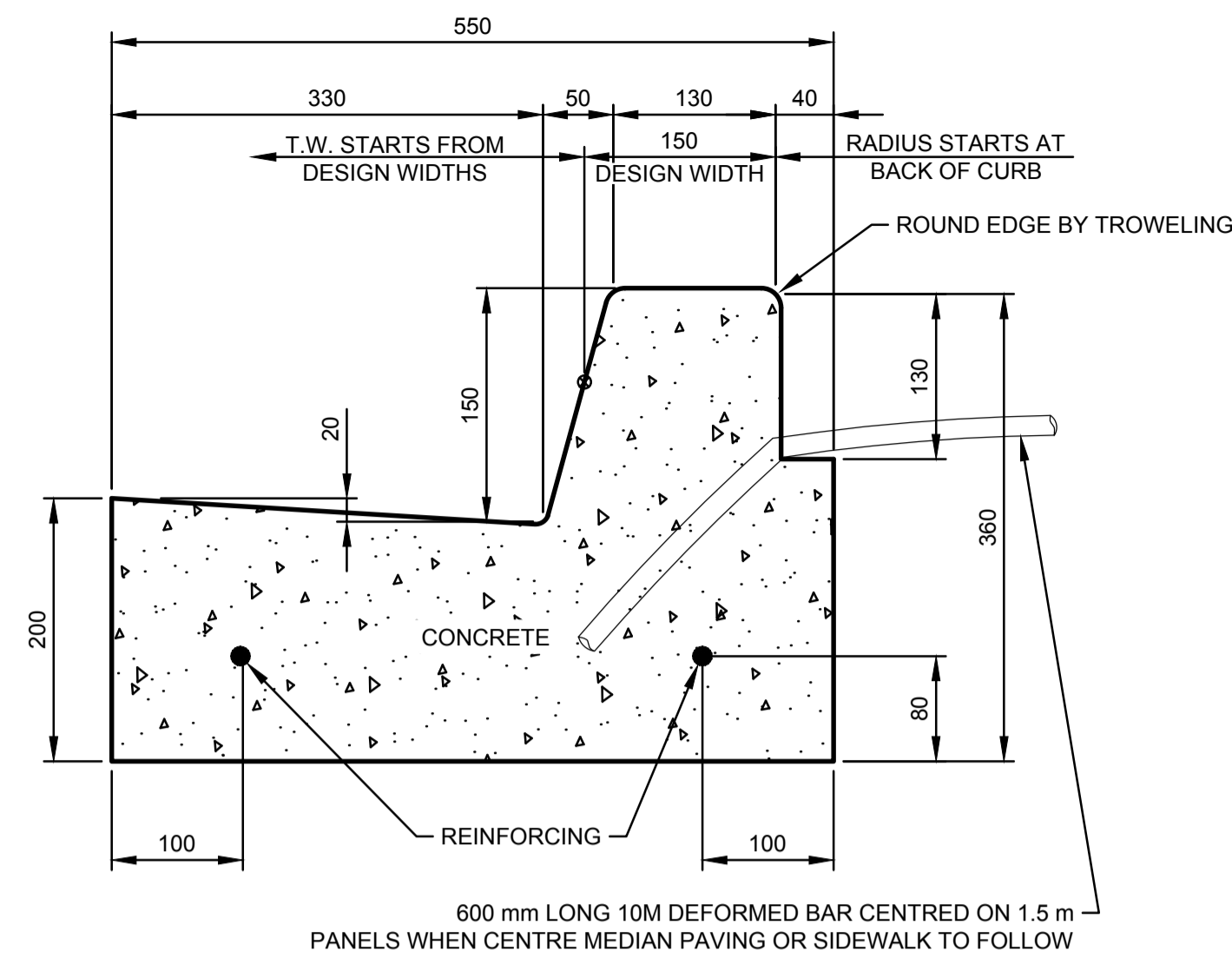




NOTES:

- 10M REINFORCE BARS TO BE USED ON CURVED SECTIONS.
- ON RADII OF LESS THAN 3 METERS THE FRONT FACE MAY BE VERTICAL.

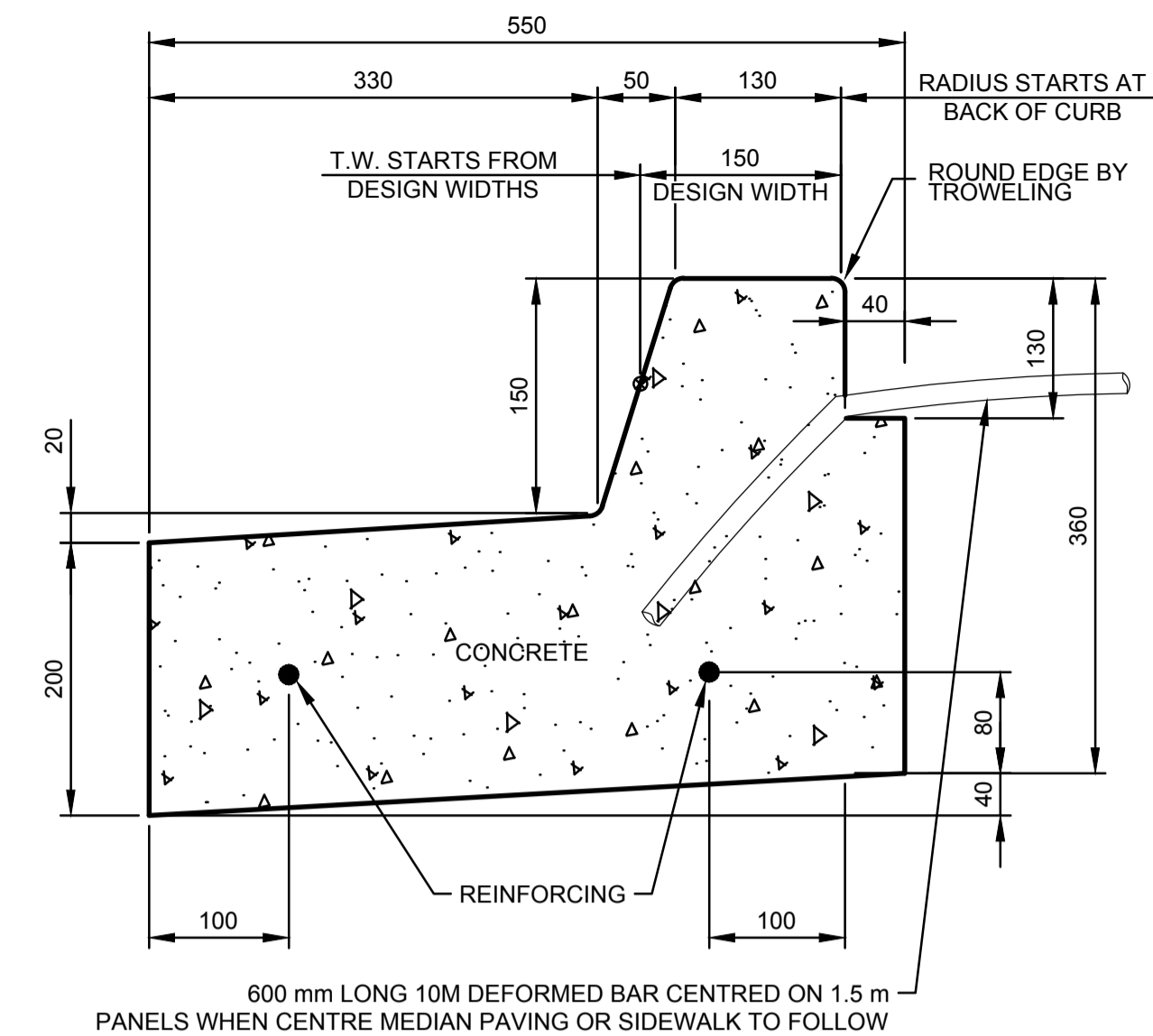
1 DETAIL NTS
BARRIER CURB SECTION



NOTE:

- 10M REINFORCING REQUIRED AT INTERSECTIONS ON RADII IN COMMERCIAL AND INDUSTRIAL AREAS. MAY BE OMITTED IN RESIDENTIAL AREAS IF CURB AND GUTTER CAST CONCURRENTLY WITH WALK.

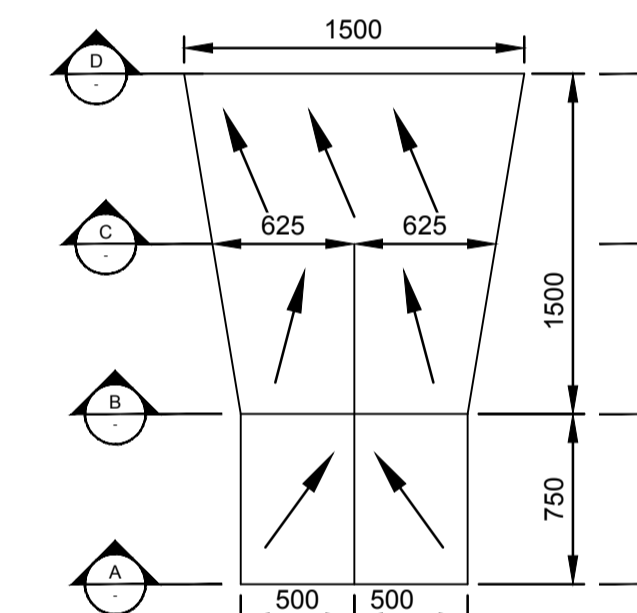
2 DETAIL NTS
BARRIER CURB AND GUTTER SECTION



NOTE:

- 10M REINFORCING REQUIRED AT INTERSECTIONS ON RADII IN COMMERCIAL AND INDUSTRIAL AREAS. MAY BE OMITTED IN RESIDENTIAL AREAS IF CURB AND GUTTER CAST CONCURRENTLY WITH WALK.

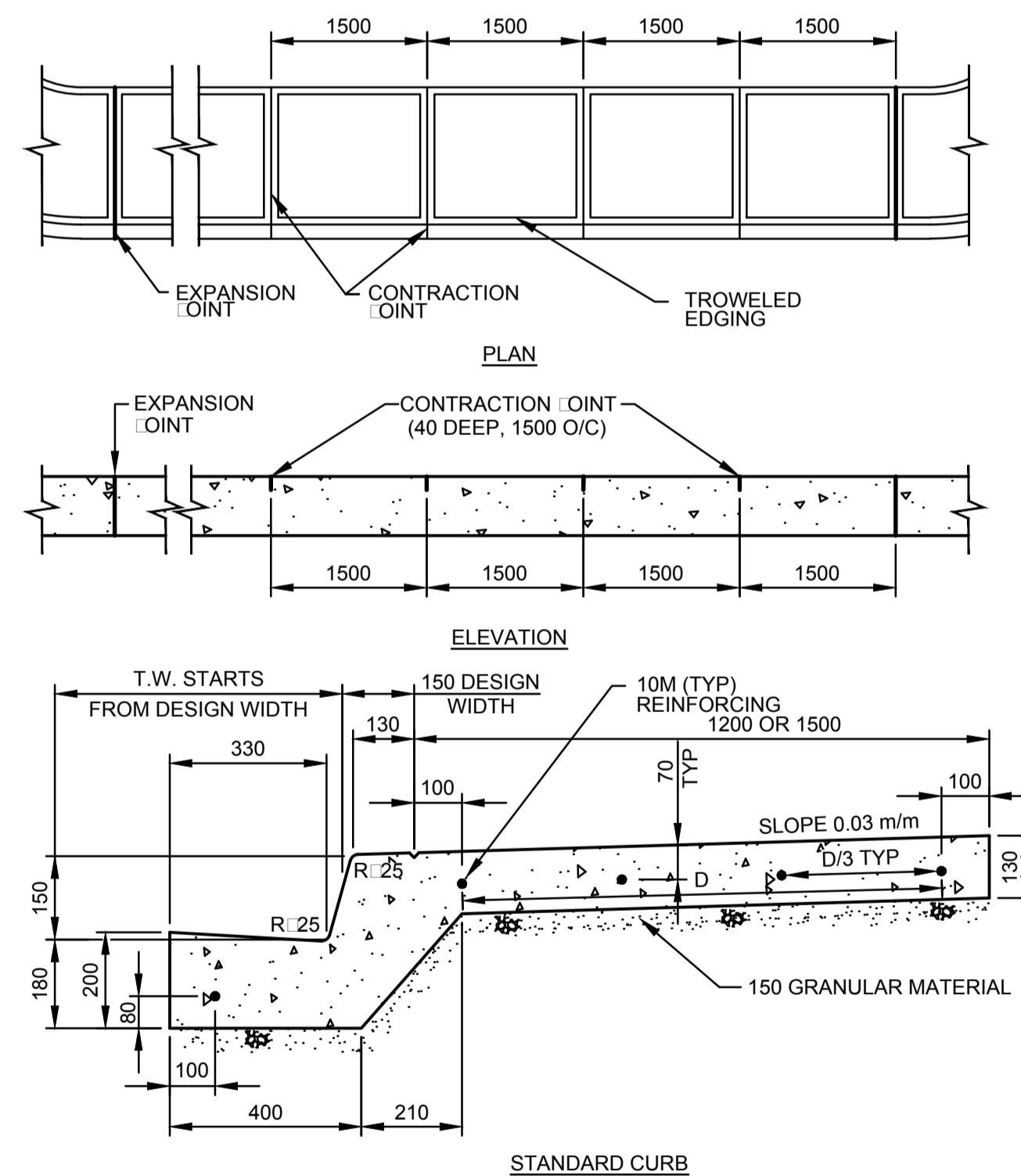
3 DETAIL NTS
REVERSE CURB AND GUTTER SECTION



NOTE:

- 10M REINFORCING REQUIRED:
 - INDUSTRIAL AREAS
 - AT INTERSECTIONS ON RADII

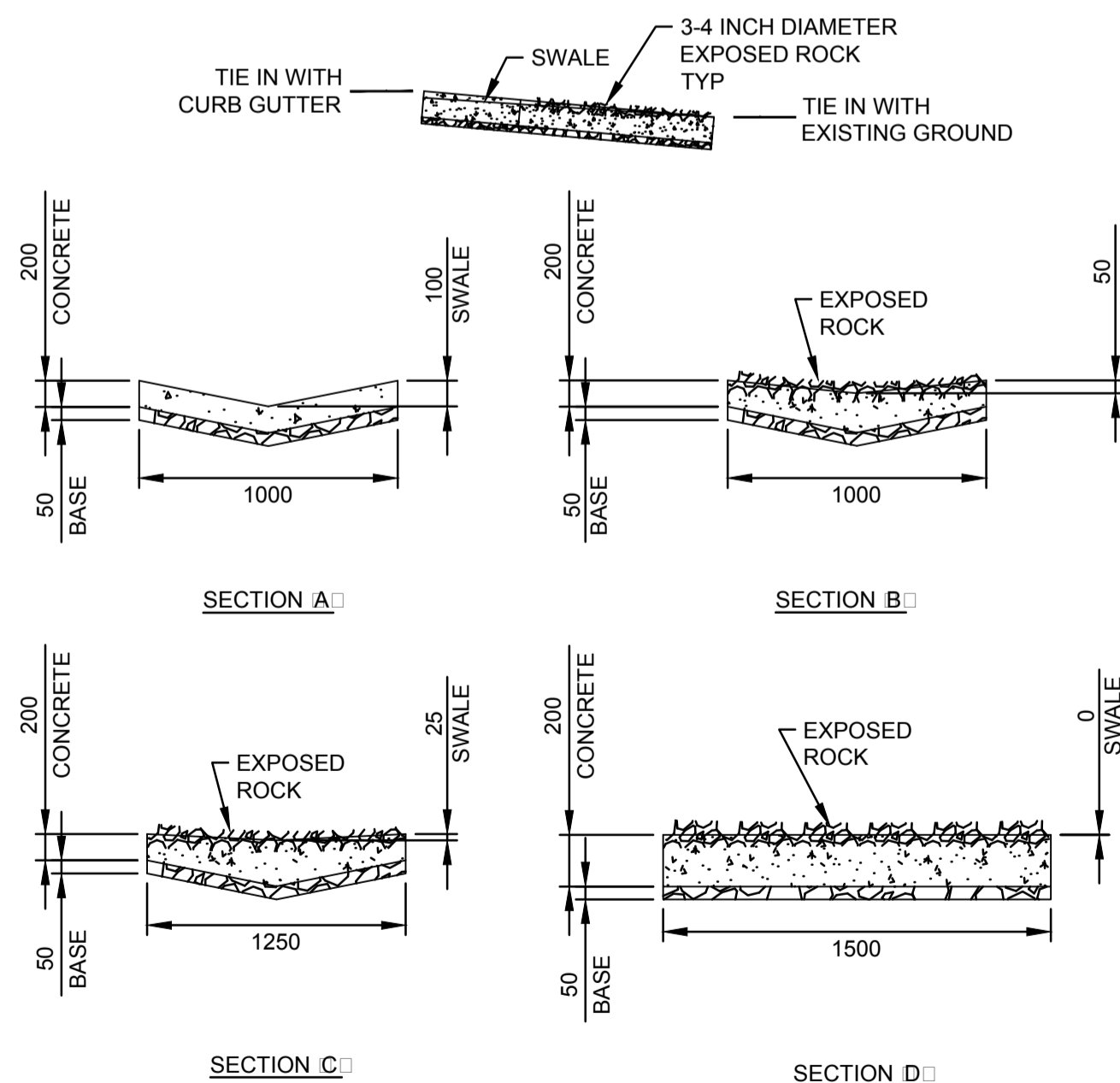
4 DETAIL NTS
ROLLED CURB AND GUTTER SECTION



NOTES:

- LONGITUDINAL 10M BARS TO EXTEND 300 mm.
- BEYOND THE TOP OF FLARE AND TO BE TIED TO TRANSVERSE 10M BARS AT 600 O/C IN COMMERCIAL AND INDUSTRIAL CROSSINGS.

5 DETAIL NTS
EDGING AND JOINT DETAIL
REINFORCED MONOLITHIC WALK,
CURB AND GUTTER



NOTE:

- ALL DIMENSIONS ARE MILLIMETRES UNLESS OTHERWISE NOTED.

6 DETAIL NTS
GUTTER SPILLWAY PAD

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Revision/	Description/Description	Date/Date

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Project title/Titre du projet

**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

Approved by/Approve par

Designed by/Concept par
TI

Drawn by/Dessine par
TI

Project Manager/Administrateur de Projets
HM/KS

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

Client/client

Drawing title/Titre du dessin

TYPICAL DETAILS

Project No./No. du projet

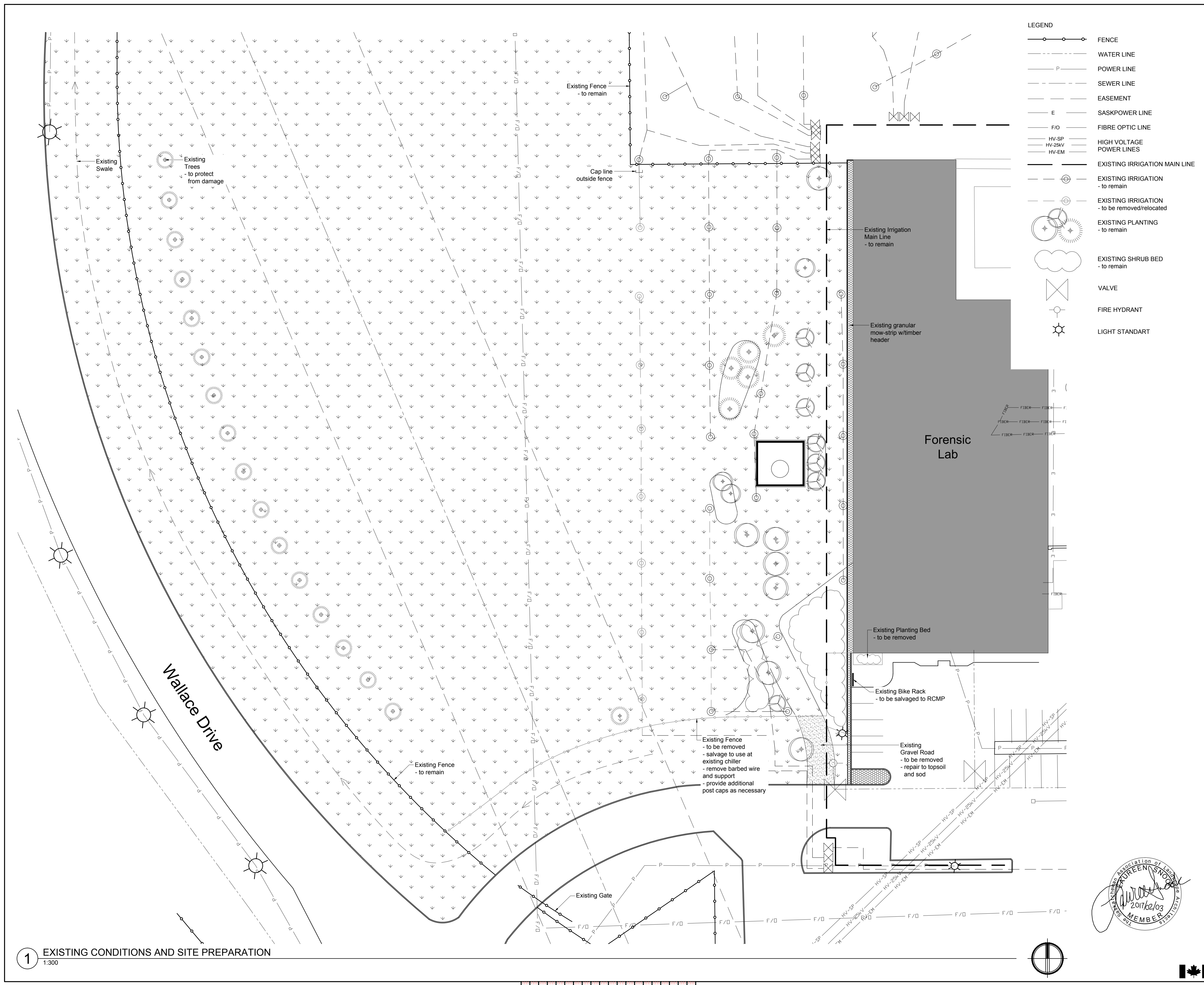
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Revision no./La Révision no.

30/2015

C1.3

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- LEGEND**
- FENCE
 - WATER LINE
 - POWER LINE
 - SEWER LINE
 - EASEMENT
 - SASKPOWER LINE
 - FIBRE OPTIC LINE
 - HIGH VOLTAGE POWER LINES
 - EXISTING IRRIGATION MAIN LINE
 - EXISTING IRRIGATION - to remain
 - EXISTING IRRIGATION - to be removed/relocated
 - EXISTING PLANTING - to remain
 - EXISTING SHRUB BED - to remain
 - VALVE
 - FIRE HYDRANT
 - LIGHT STANDART

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 110 - 2718 Kiewit Place, Saskatoon, SK S7P 0A6 tel: (306) 652-8457
 www.sepw.ca

- NOTES**
- Existing site plan and condition are taken from Current RCMP site.dwg and site plan is taken from ACAD-4454-00-C-101.dwg
 - The Contractor shall satisfy himself that all information, dimensions, datums, and labels are correct prior to commencement of work. Report any discrepancies, errors or omissions to the Consultant immediately.
 - Variations and modifications to work shown will not be allowed without written permission of Consultant.
 - All dimensions are metric unless noted otherwise.
 - Contractor shall ensure that all areas adjacent to the work are protected from damage that may result from demolition and new construction.
 - Verify location of all utilities prior to starting construction.
 - Existing Irrigation shown is the extent of what is available. Line and head locations are to be verified by Contractor.
 - Salvage and reuse Rainbird 5000 heads. Maxi Paws can not be reused.

CROSBY HANNA & ASSOCIATES

Suite 220
 2300 Dewdney Ave.
 Regina, SK S4R 1H5
 www.crosbyhanna.ca

LANDSCAPE ARCHITECTURE
 COMMUNITY PLANNING

TEL: (306) 790-7635
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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par
LS

Designed by/Concept par
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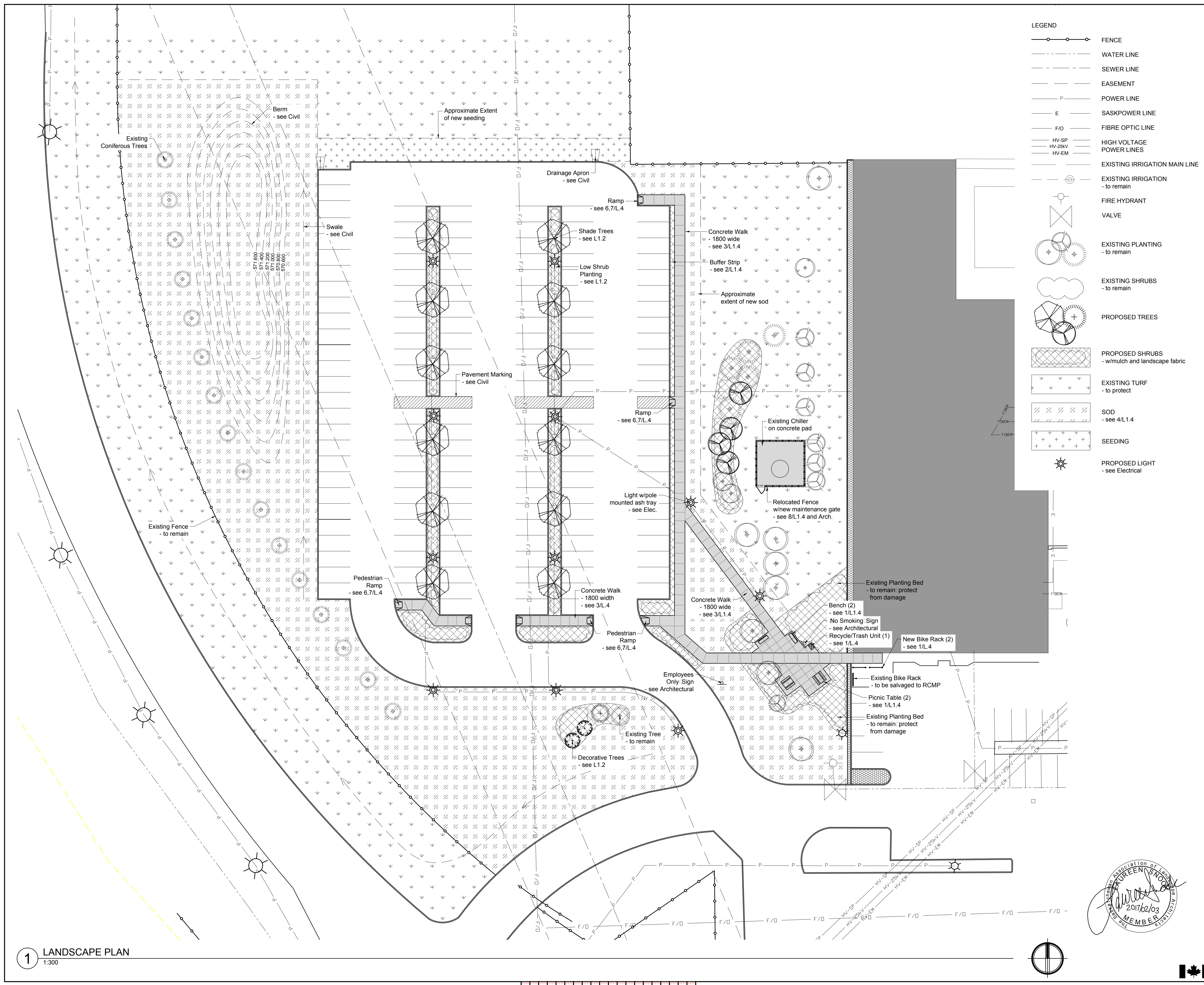
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**EXISTING CONDITIONS AND
 SITE PREPARATION**

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
30/2015 CHA 16.032R	L1.0	0

1 EXISTING CONDITIONS AND SITE PREPARATION
 1:300



LEGEND

- FENCE
- WATER LINE
- SEWER LINE
- EASEMENT
- POWER LINE
- SASKPOWER LINE
- FIBRE OPTIC LINE
- HIGH VOLTAGE POWER LINES
- EXISTING IRRIGATION MAIN LINE
- EXISTING IRRIGATION - to remain
- FIRE HYDRANT
- VALVE
- EXISTING PLANTING - to remain
- EXISTING SHRUBS - to remain
- PROPOSED TREES
- PROPOSED SHRUBS - w/mulch and landscape fabric
- EXISTING TURF - to protect
- SOD - see 4/L1.4
- SEEDING
- PROPOSED LIGHT - see Electrical

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 110 - 2718 Kiewit Place, Saskatoon, SK S7P 0A6 Tel: (306) 622-8427
 Website: www.sepw.ca

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 - Verify location of all utilities prior to starting construction.
 - Seed and Sod, as appropriate, to extent of disturbance. Blend to existing turf.

CROSBY HANNA & ASSOCIATES

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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par
LS

Designed by/Concept par
AA

Drawn by/Dessine par
AA

Project Manager/Administrateur de Projets

Architectural and Engineering Resources Manager/
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LANDSCAPE PLAN

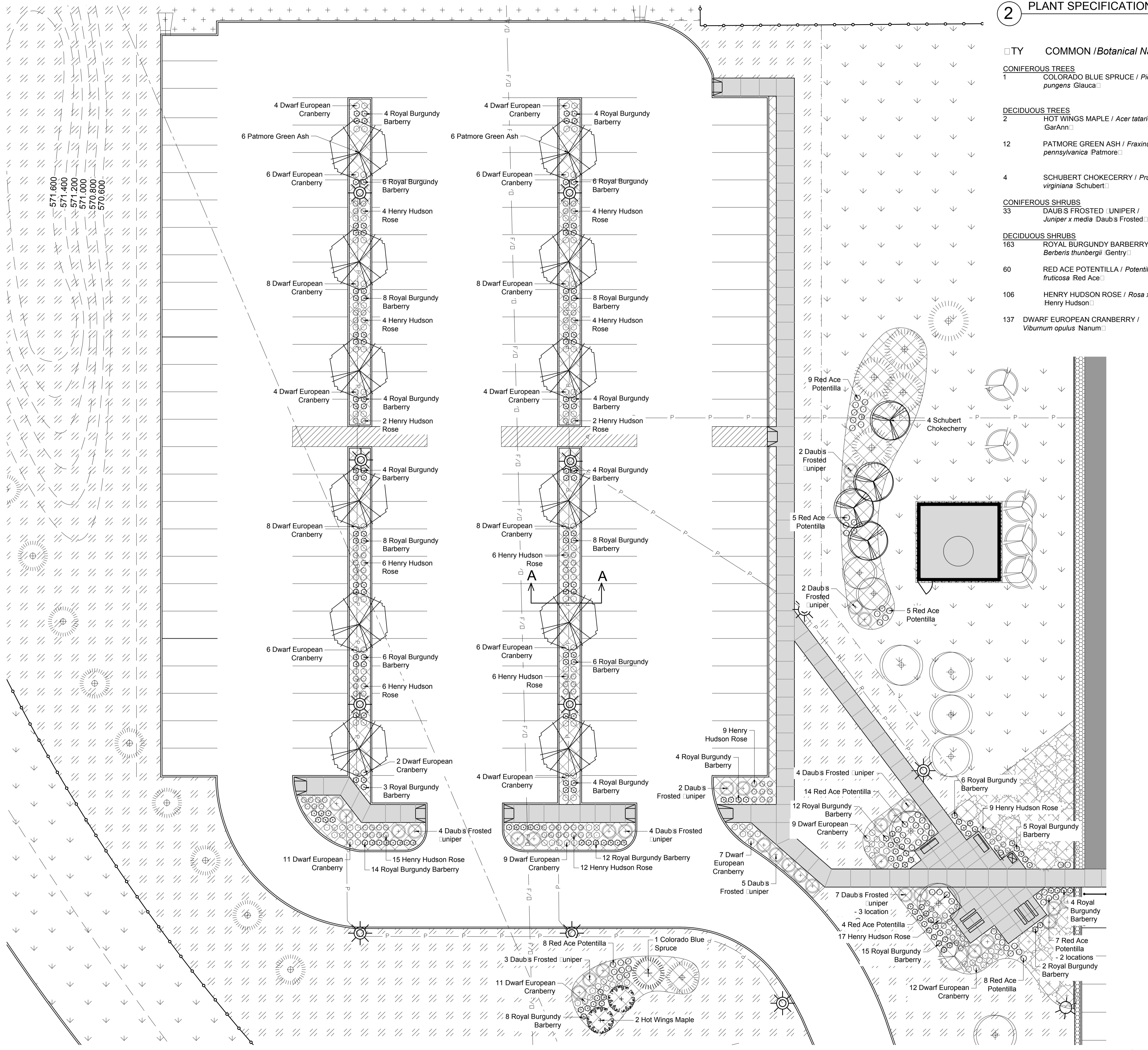
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 CHA 16.032R

Sheet/Feuille: **L1.1**

Revision no./La Révision no.: **0**

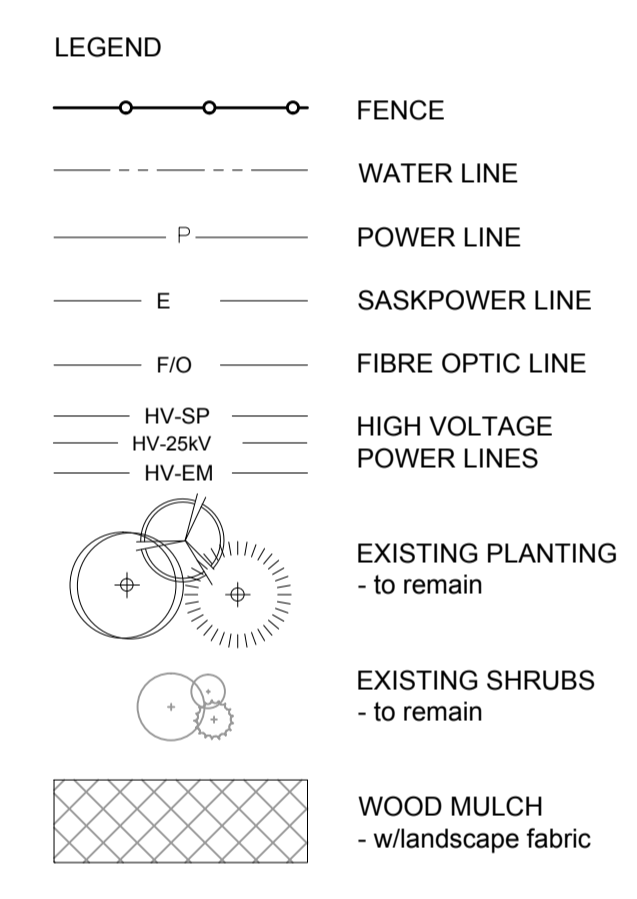
1 LANDSCAPE PLAN
 1:300





2 PLANT SPECIFICATION LIST

QTY	COMMON / Botanical Name	SIZES AND REMARKS
CONIFEROUS TREES		
1	COLORADO BLUE SPRUCE / <i>Picea pungens</i> Glauca	- 2000 ht. min.; full, evenly branched; broken leaders unacceptable. B & B or container min. ball diam. 800 guy.
DECIDUOUS TREES		
2	HOT WINGS MAPLE / <i>Acer tataricum</i> GarAnn	- 25 cal. min.; single stem; 3 branches per stem min. B & B min. ball diam. 450 stake.
12	PATMORE GREEN ASH / <i>Fraxinus pennsylvanica</i> Patmore	- 40 cal. min.; 2500 -3000 ht. min.; 6 branches in well branched head above 1000 ht. B & B min. ball diam. 550 stake
4	SCHUBERT CHOKECHERRY / <i>Prunus virginiana</i> Schubert	- 25 cal. min.; single stem; 3 branches per stem min. 15 pot. stake.
CONIFEROUS SHRUBS		
33	DAUB'S FROSTED JUNIPER / <i>Juniper x media</i> Daub's Frosted	- 400 diam. min.; bushy, even growth and form; B & B or container grown.
DECIDUOUS SHRUBS		
163	ROYAL BURGUNDY BARBERRY / <i>Berberis thunbergii</i> Gentry	- 400 ht. min.; bushy plants with 5 major basal stems min. container grown. 2 pot.
60	RED ACE POTENTILLA / <i>Potentilla fruticosa</i> Red Ace	- 400 ht. min.; bushy plants with 5 major basal stems: container grown. 2 pot.
106	HENRY HUDSON ROSE / <i>Rosa x Henry Hudson</i>	- 400 ht. min.; bushy plants with 4 major basal stems: container grown. 2 pot. on own roots.
137	DWARF EUROPEAN CRANBERRY / <i>Viburnum opulus</i> Nanum	- 400 ht. min.; bushy plants with 5 major basal stems: container grown. 2 pot.



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 100 - 3725 Poyziss Street, Regina, SK S4S 0H8 tel: (306) 568-2225
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 - Verify location of all utilities prior to starting construction.
 - Existing shrub and tree locations are approximate. Contractor to contact Consultant if conflicts are apparent.

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**INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN**

Approved by/Approve par
LS

Designed by/Concept par
AA

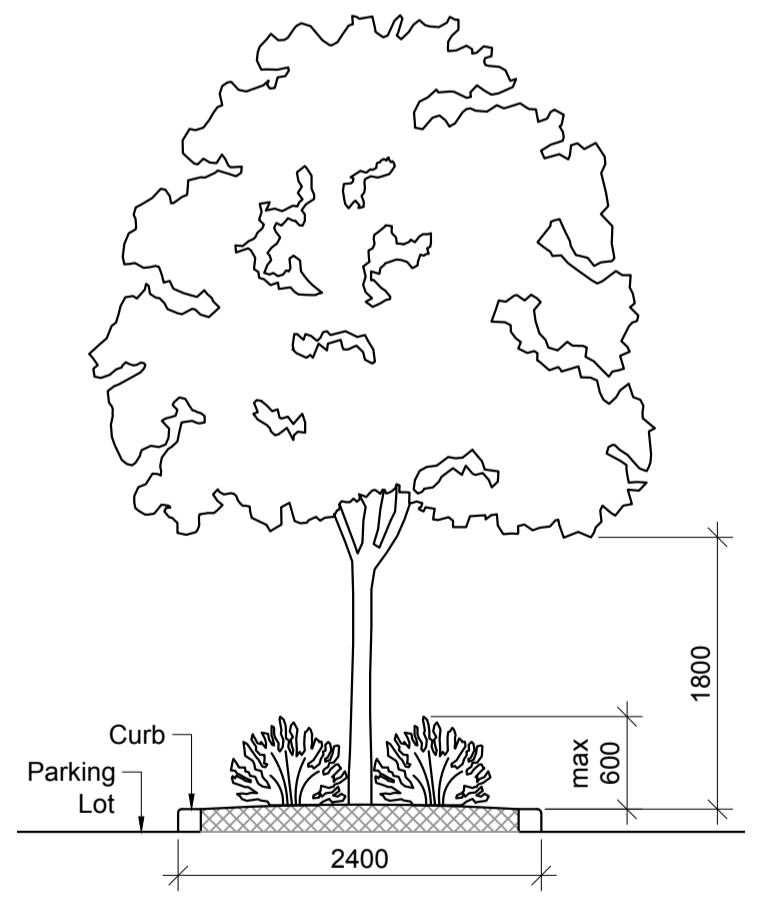
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Architectural and Engineering Resources Manager/
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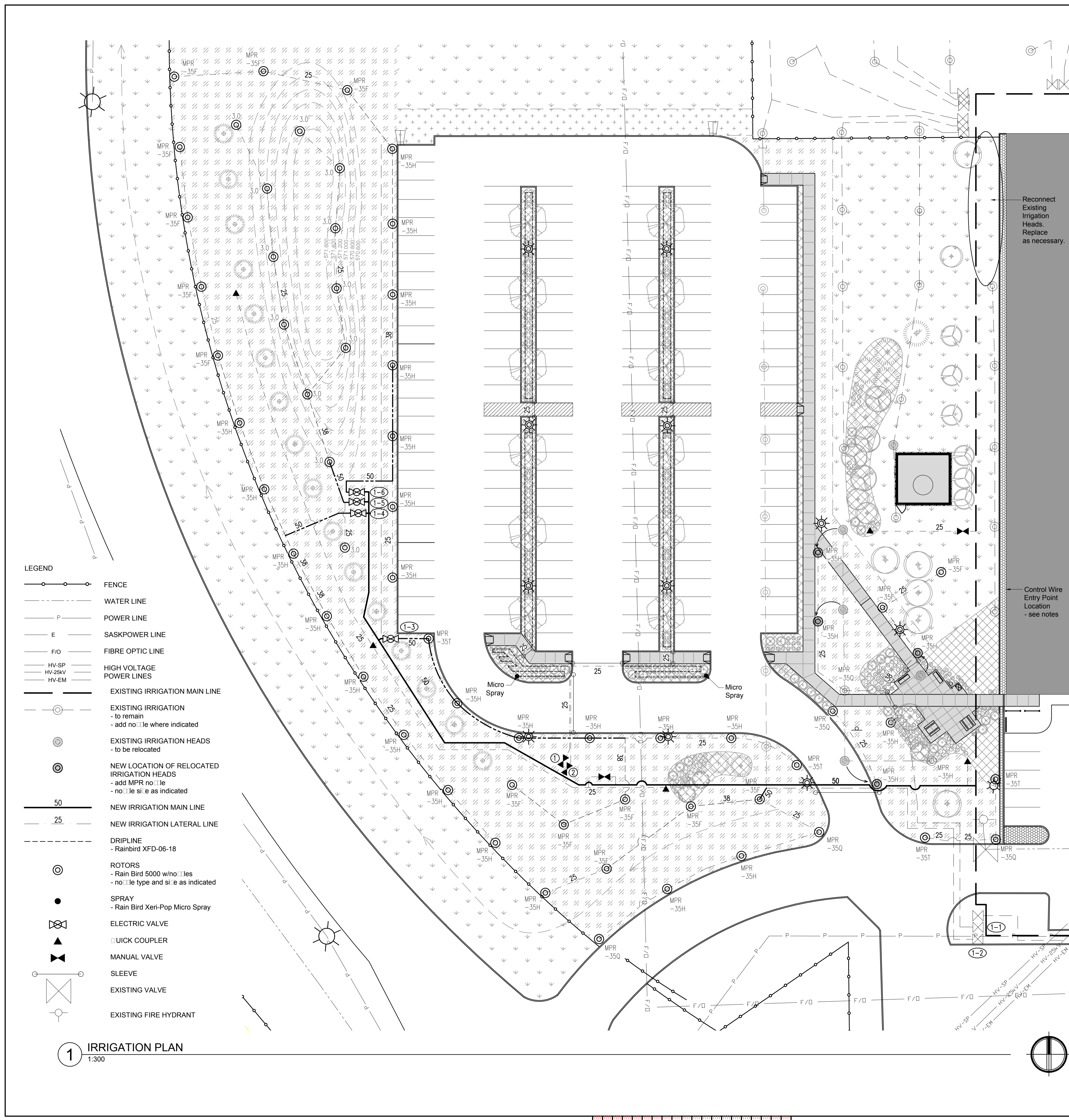
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Drawing title/Titre du dessin



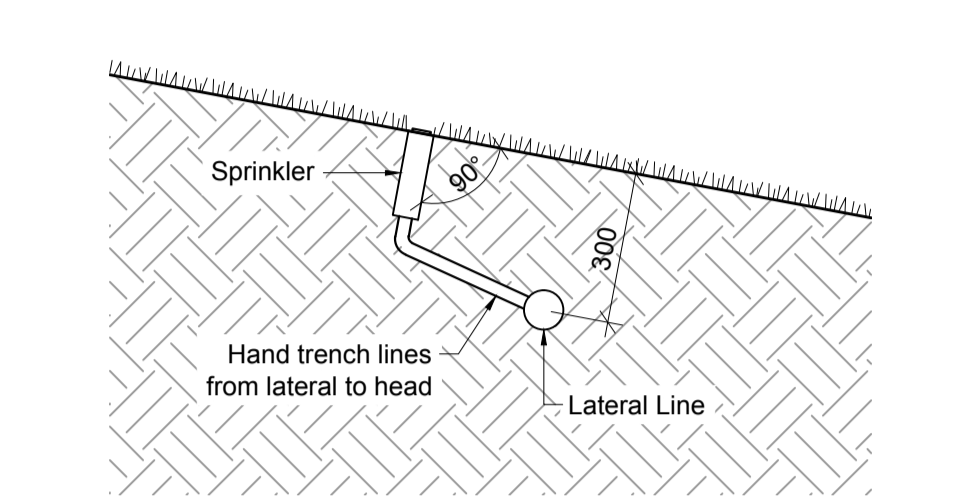
3 SECTION AA
 1:50

1 PLANTING PLAN
 1:200

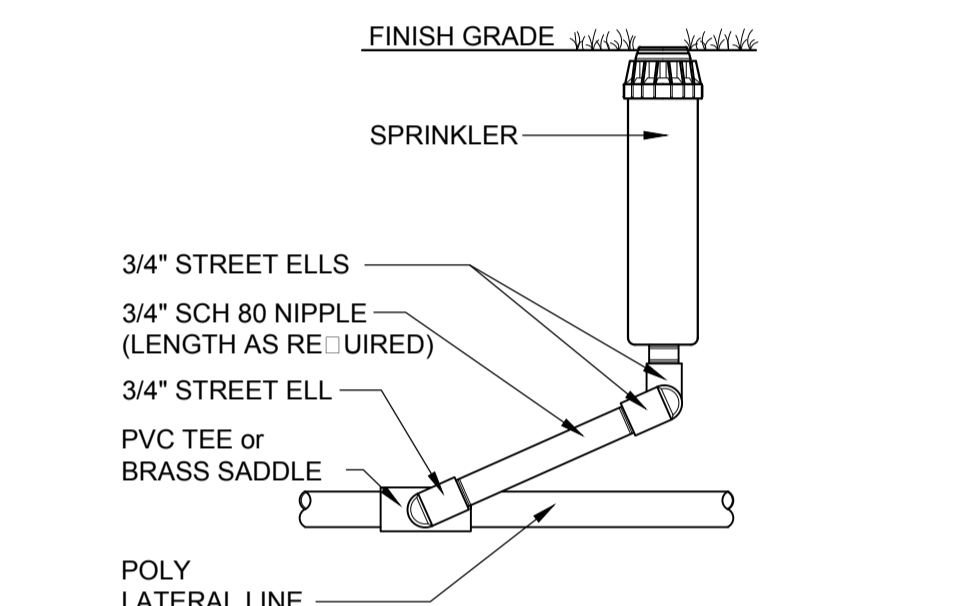


ONE OPERATION (recommended 3 starts per week)					
Line	Head Type	Valve Size	Flow Rate (gpm)	Duration (min)	Start time
1-1	5000 MPR	50mm	49.24	30.00	4:00 am
1-2	5000 MPR	50mm	38.01	30.00	4:30 am
1-3	5000 MPR	50mm	46.71	30.00	5:00 am
1-4	5000 MPR	50mm	45.72	30.00	5:30 am
1-5	5000 Series	50mm	37.08	50.00	6:00 am
1-6	5000 MPR	50mm	46.08	30.00	6:50 am

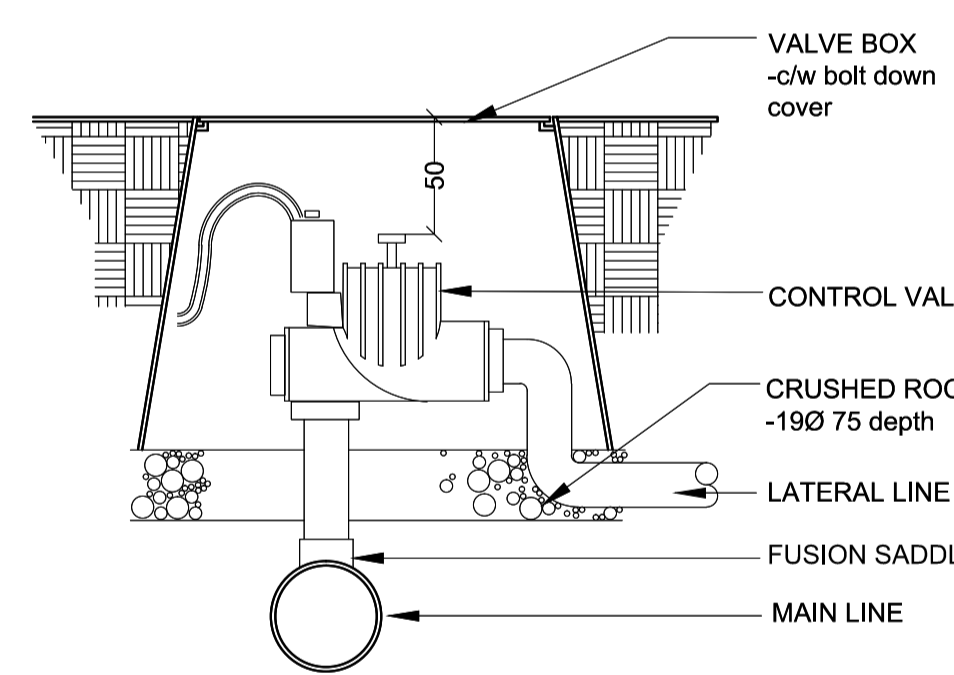
DRIP IRRIGATION
 one 1: Flow - 3.8 GMP; recommended watering duration: 60min x 3 times per week.
 one 2: Flow - 3.6 GMP; recommended watering duration: 60min x 3 times per week



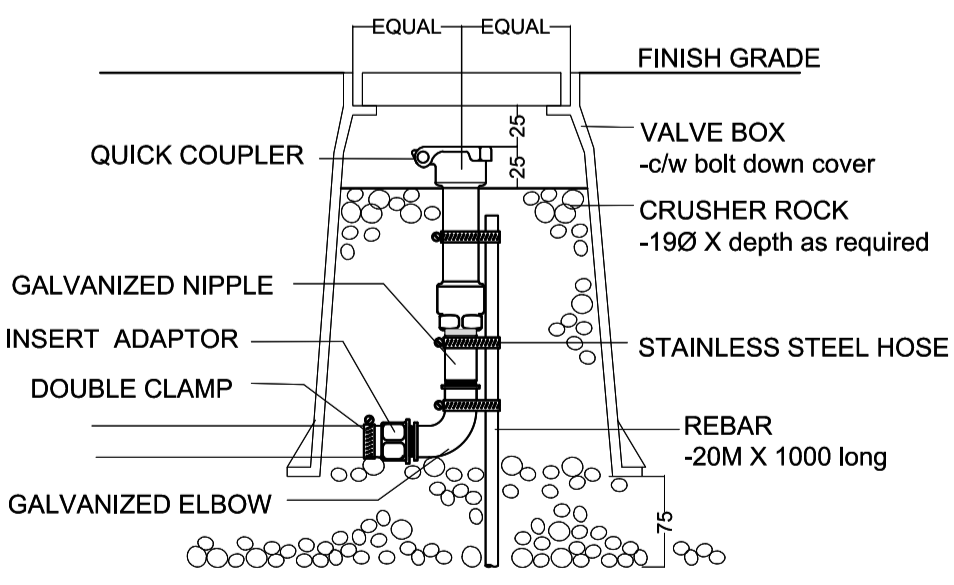
2 SPRAY HEAD INSTALLATION ON SLOPE
NTS



3 SPRINKLER INSTALLATION
NTS



4 ELECTRIC VALVE
NTS



5 QUICK COUPLER VALVE
NTS

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 - Existing Irrigation shown is the extent of what is available. Line and head locations are to be verified by Contractor.
 - Salvage and reuse Rainbird 5000 heads. Maxi Paws can not be reused.
 - Existing controller located at east side of building.
 - Run control wires in conduit on under side of slab in crawl space. Label conduit at each end as continuing irrigation control wire.
 - Coordinate building entry point with new electrical work.

CROSBY HANNA & ASSOCIATES
 LANDSCAPE ARCHITECTURE
 COMMUNITY PLANNING
 Suite 220
 2300 Dewdney Ave.
 Regina, SK S4R 1H5
 www.crosbyhanna.ca
 TEL: (306) 790-7635
 FAX: (306) 790-7641

DO NOT SCALE DRAWINGS

Revision	Description/Description	Date/Date
5		
4		
3		
2		
1		
0	ISSUED FOR TENDER	2017-02-03

Client/client
 Project title/Titre du projet

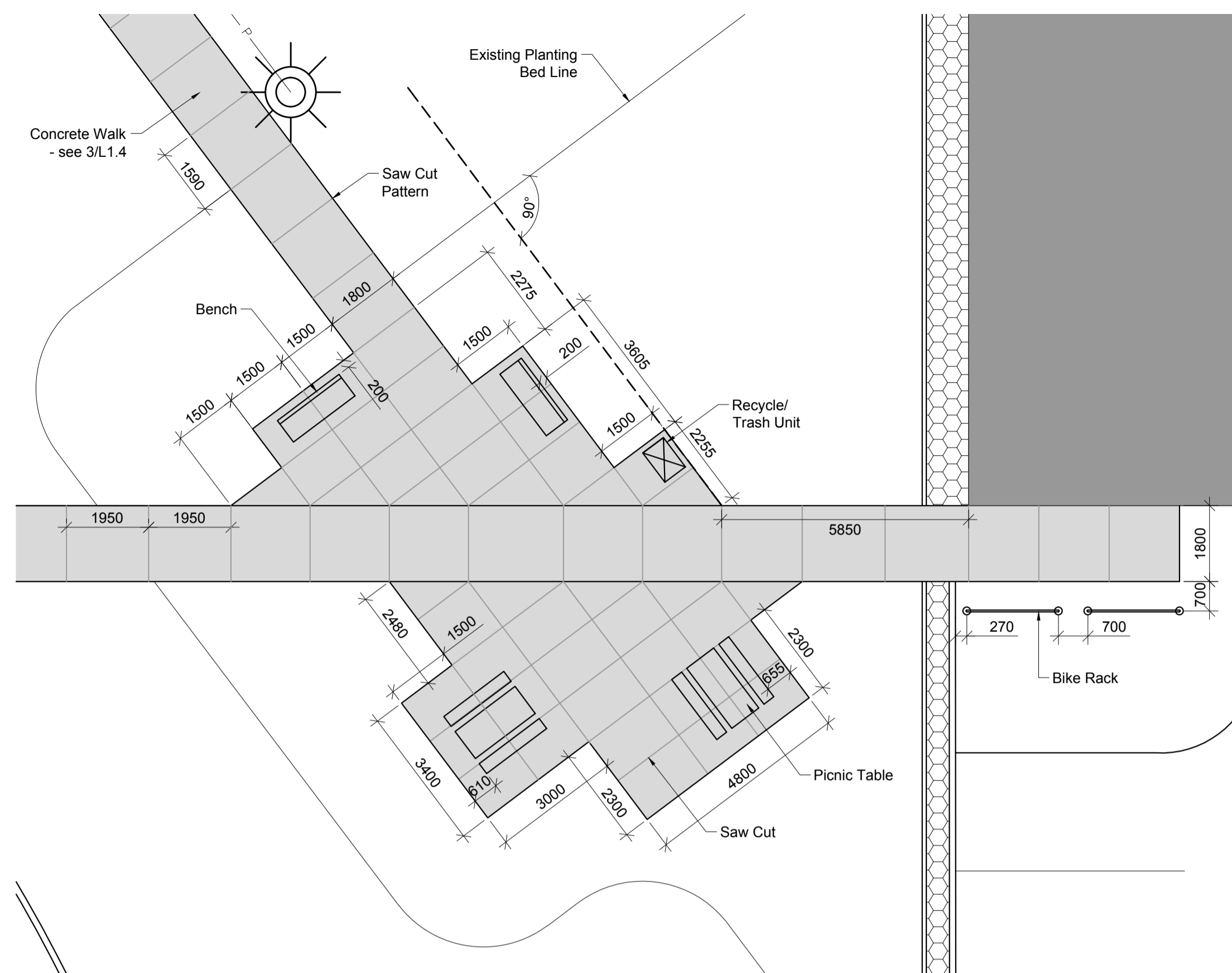
INTERIOR FIT-UP PHASE II
 REGINA, SASKATCHEWAN

Approved by/Approve par
LS
 Designed by/Concept par
AA
 Drawn by/Dessine par
AA
 Project Manager/Administrateur de Projets
 Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie
 Client/client
 Drawing title/Titre du dessin

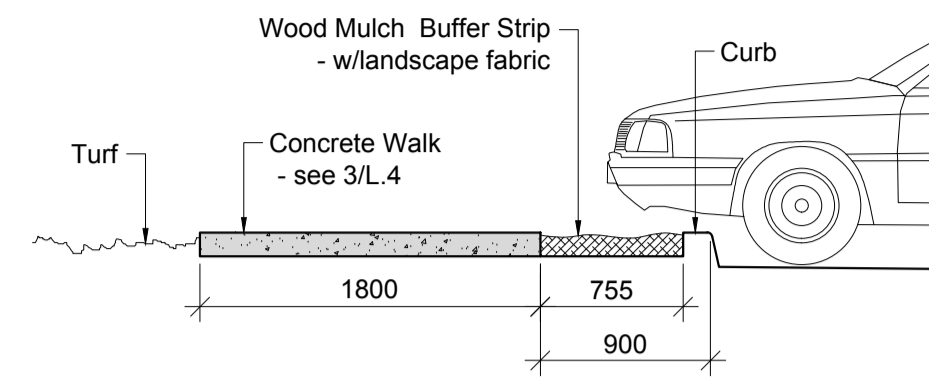
IRRIGATION PLAN

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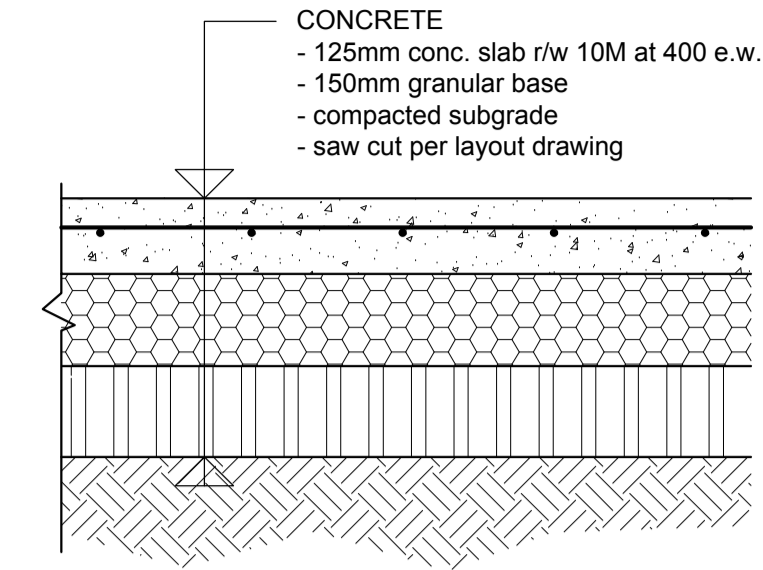




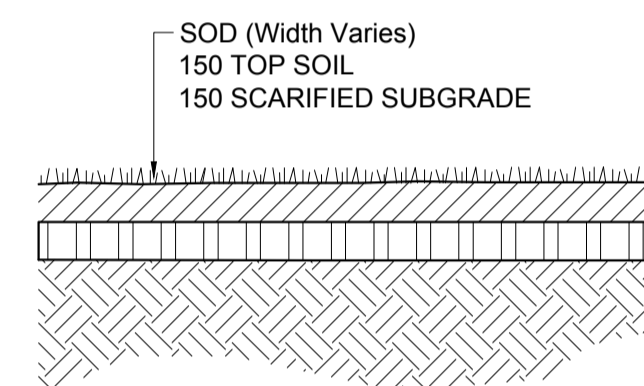
1 AMENITY AREA - DETAILED LAYOUTS
1:100



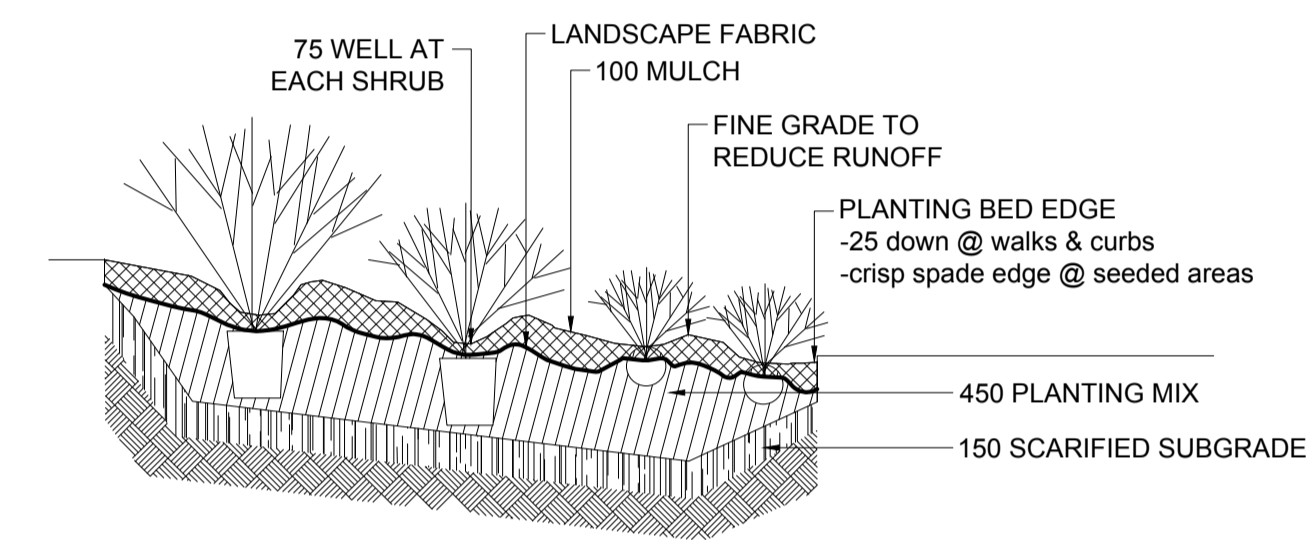
2 BUFFER STRIP - Detail
1:40



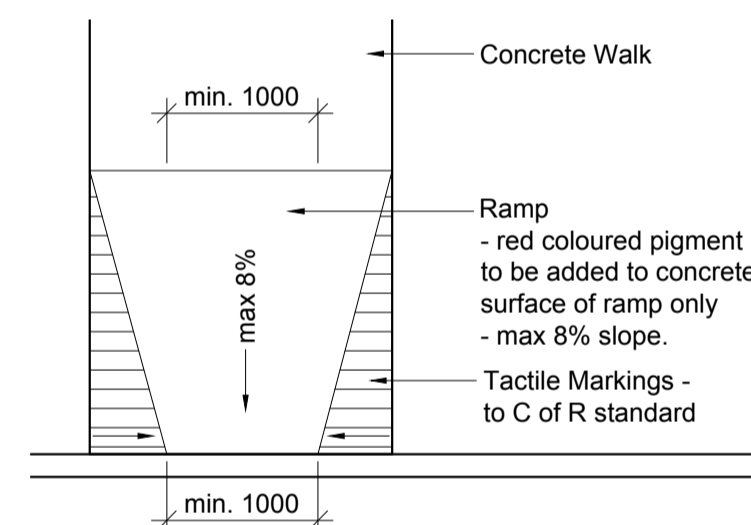
3 CONCRETE - Detail
NTS



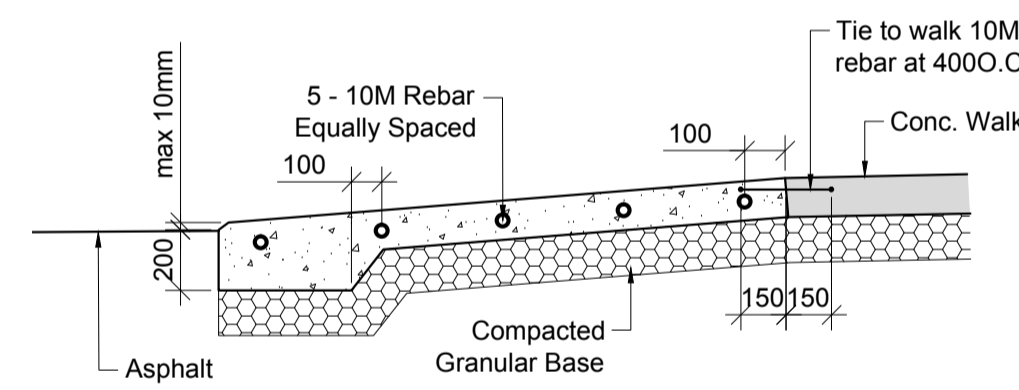
4 SOD - Detail
NTS



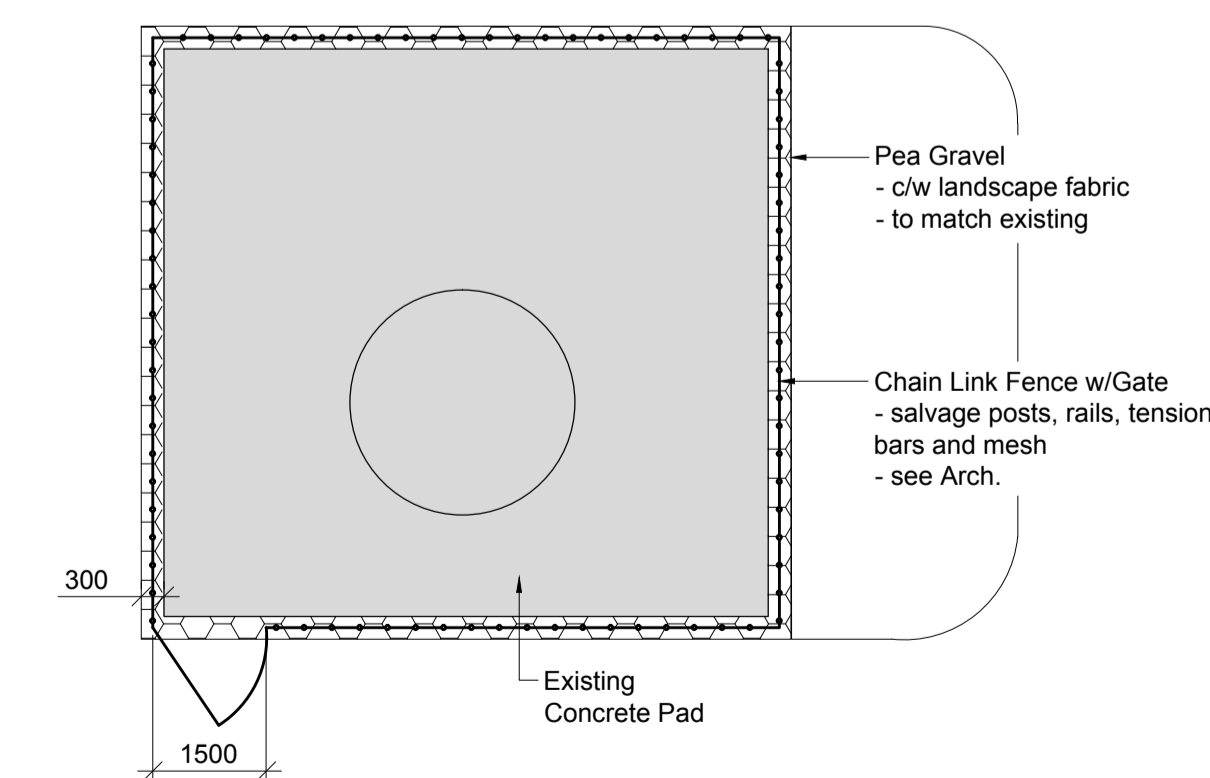
5 SHRUB - Planting Detail
NTS



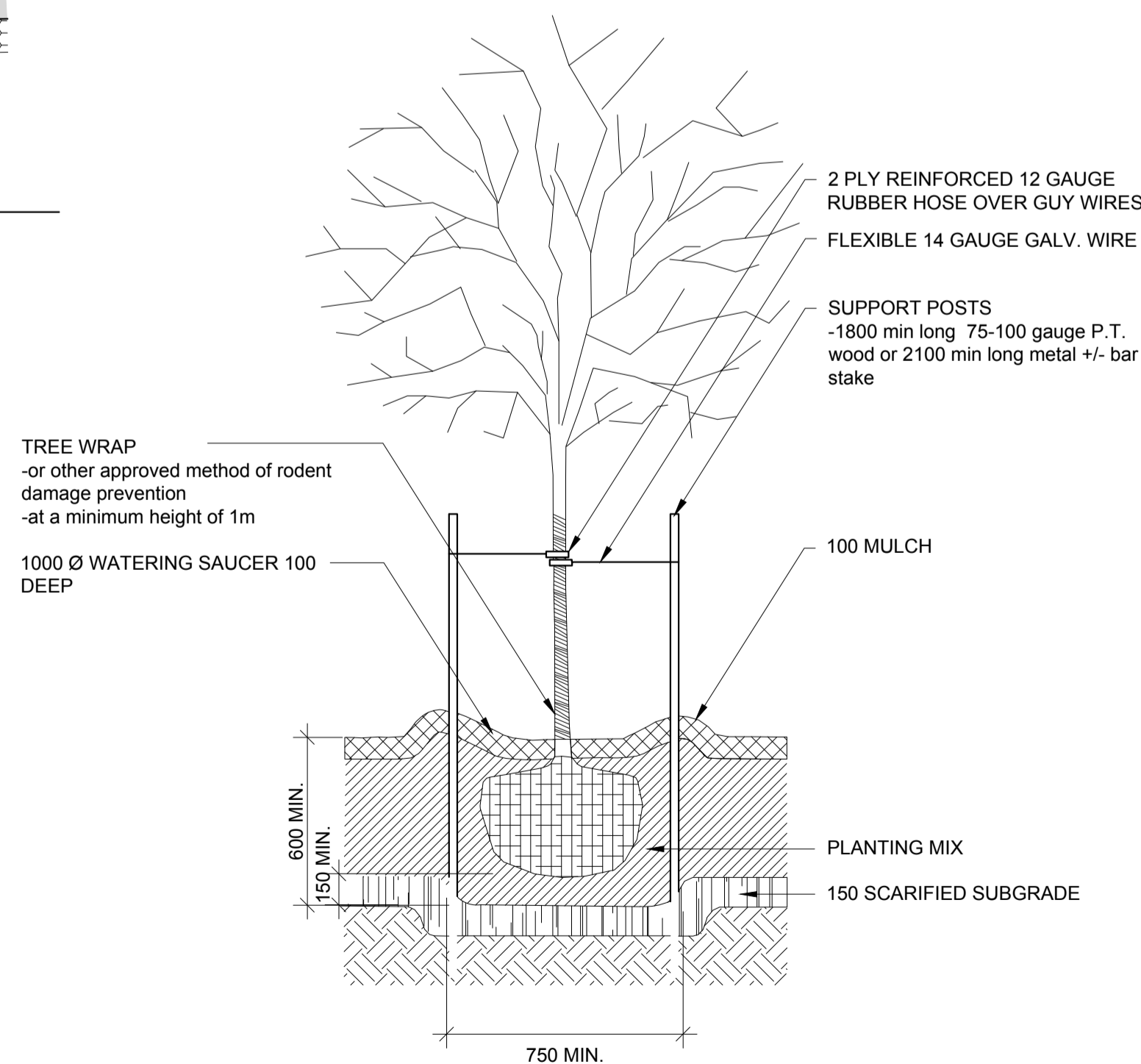
6 PEDESTRIAN RAMP - Detail
1:50



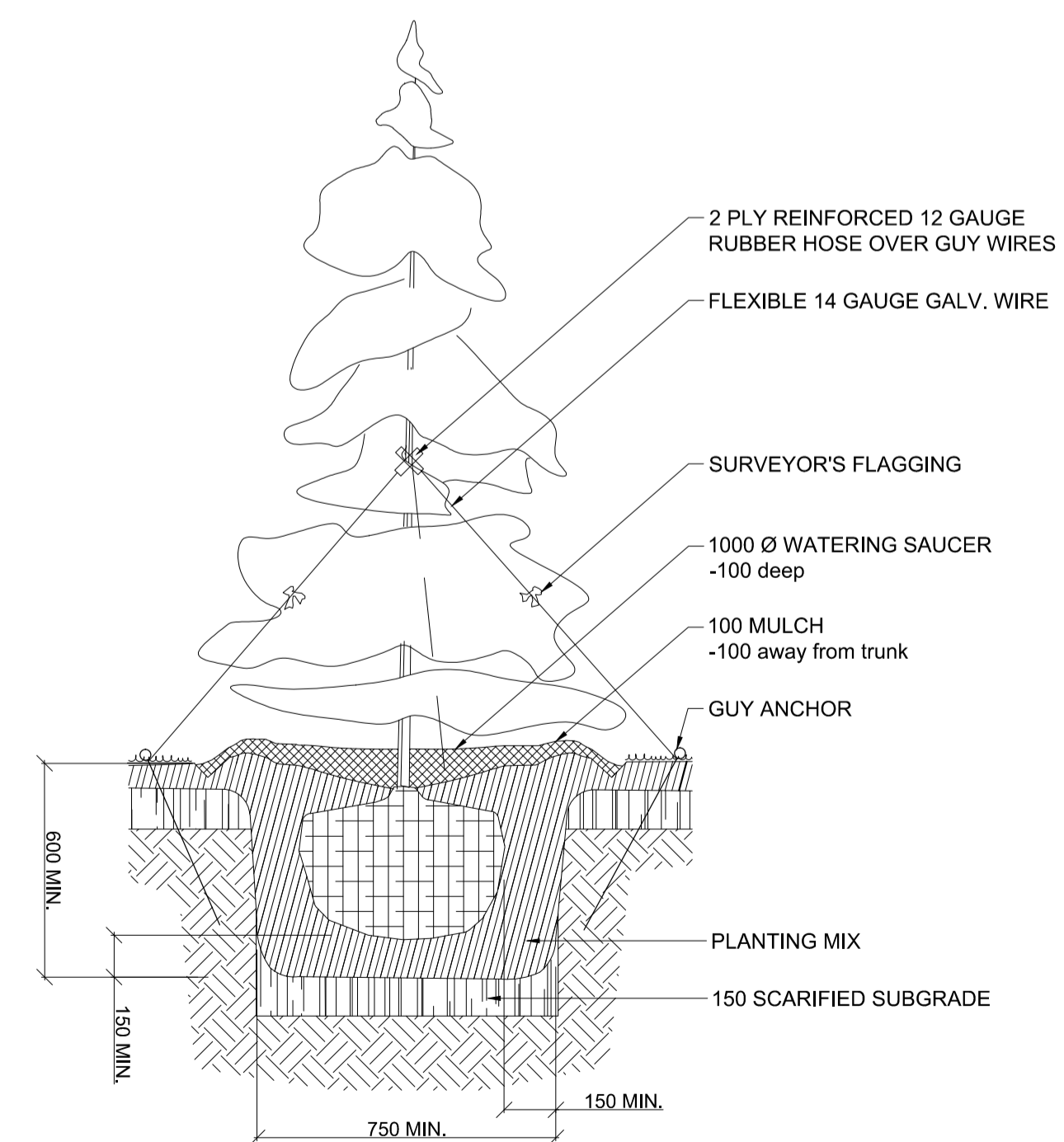
7 PEDESTRIAN RAMP - Section
1:25



8 CHILLER - DETAILED LAYOUTS
1:100



9 DECIDUOUS TREE - Planting Detail
NTS



10 CONIFEROUS TREE - Planting Detail
NTS

SEPW Architecture Inc.
100 - 3725 Poyas Street, Regina, SK S4S 0N8 ph: (306) 568-2225
120 - 3718 Geneva Place, Saskatoon, SK S7P 0A6 ph: (306) 652-8457
www.sepw.ca

- NOTES
- Existing site plan and condition are taken from Current RCMP site.dwg and site plan is taken from ACAD-4454-00-C-101.dwg received from SEPW.
 - The Contractor shall satisfy himself that all information, dimensions, datums, and labels are correct prior to commencement of work.
 - Report any discrepancies, errors or omissions to the Consultant immediately.
 - Variations and modifications to work shown will not be allowed without written permission of Consultant.
 - All dimensions are metric unless noted otherwise.
 - Contractor shall ensure that all areas adjacent to the work are protected from damage that may result from demolition and new construction.
 - Verify location of all utilities prior to starting construction.



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**INTERIOR FIT-UP PHASE II
REGINA, SASKATCHEWAN**

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DETAILS

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