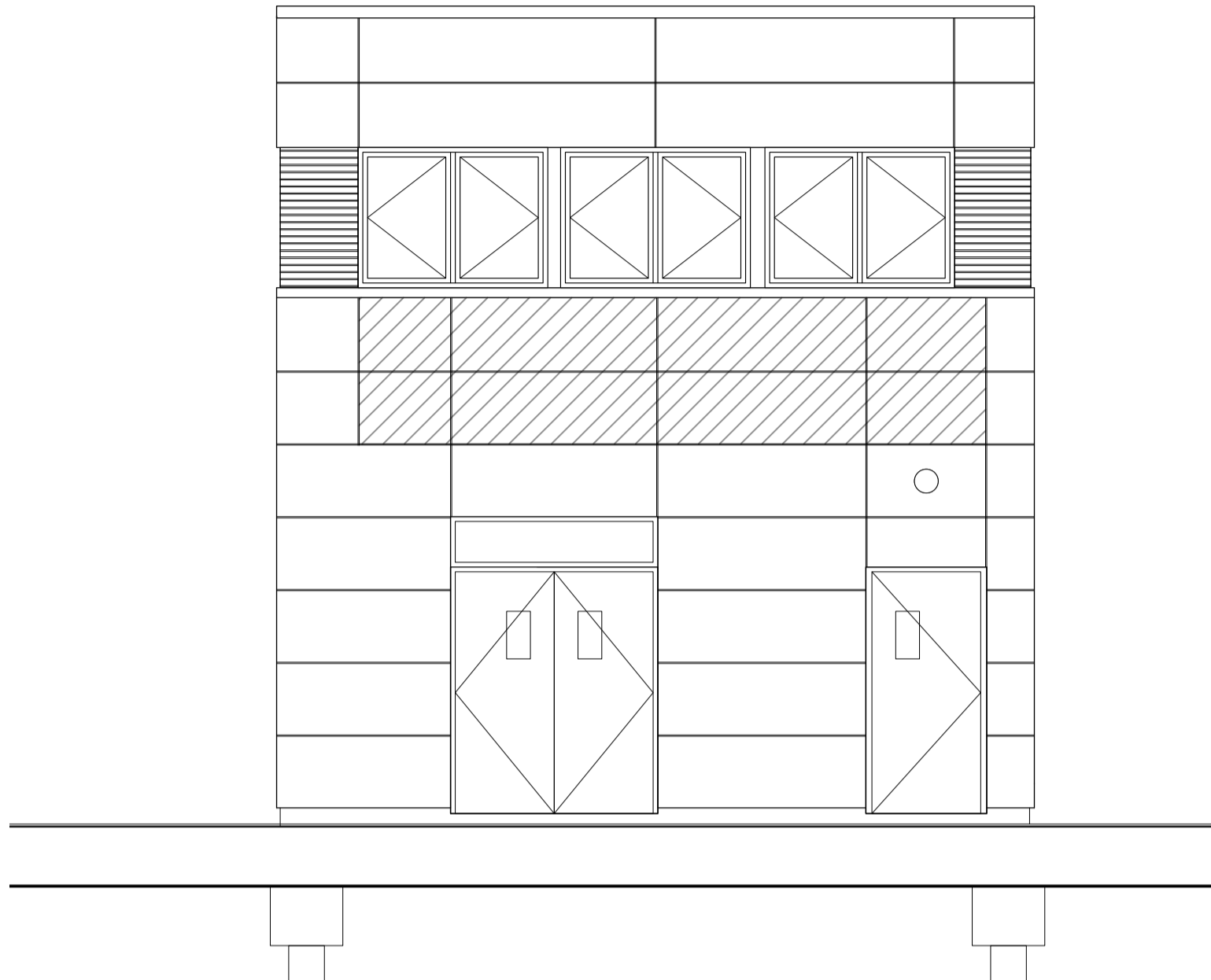
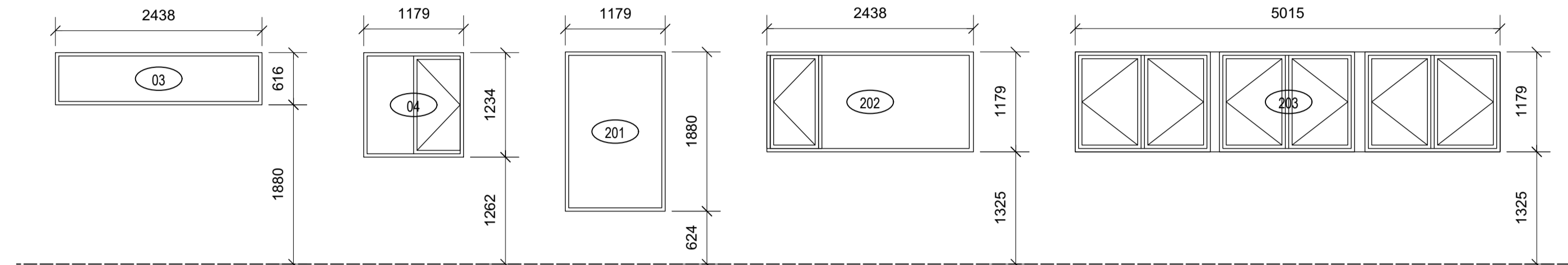


KITSILANO CCG SAR WORKSHOP RECONSTRUCTION



WINDOW SCHEDULE

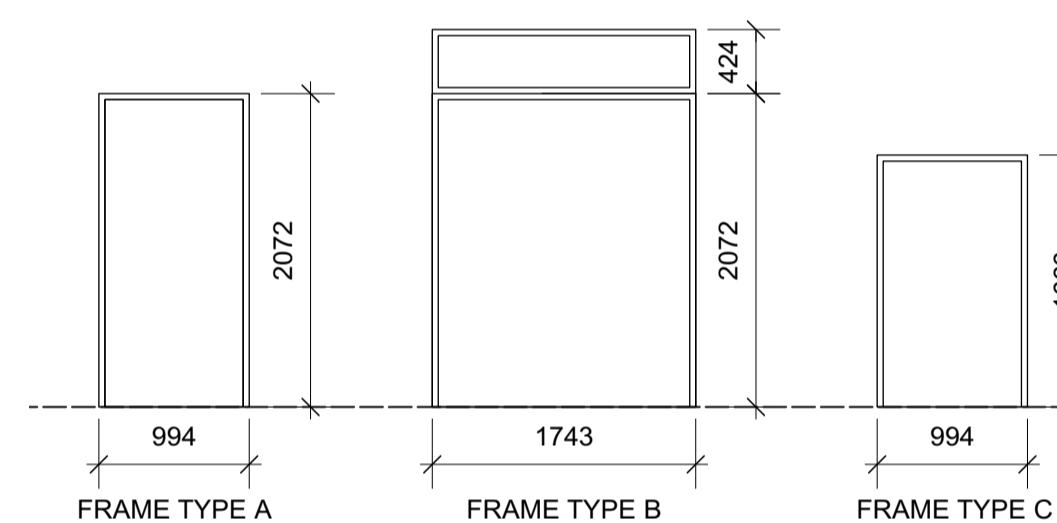
WINDOW NUM.	ROOM	R.O. SIZE (W x H)	GLAZING	FRAME TYPE	MATERIAL	FINISH	REMARKS	WINDOW COVERINGS
03	WORKSHOP	2438x616	D.G., LOW E	VINYL	DARK GREY	FIX WINDOW		BLINDS
04	WORKSHOP	1179x1234	D.G., LOW E	VINYL	DARK GREY	FIX + CASEMENT		BLINDS
201	MULTI-PURPOSE	1179x1890	D.G., LOW E	VINYL	DARK GREY	FIX WINDOW		BLINDS
202	MULTI-PURPOSE	2438x1179	D.G., LOW E	VINYL	DARK GREY	FIX + CASEMENT		BLINDS
203	MULTI-PURPOSE	5015x1179	D.G., LOW E	VINYL	RED	CASEMENT		BLINDS



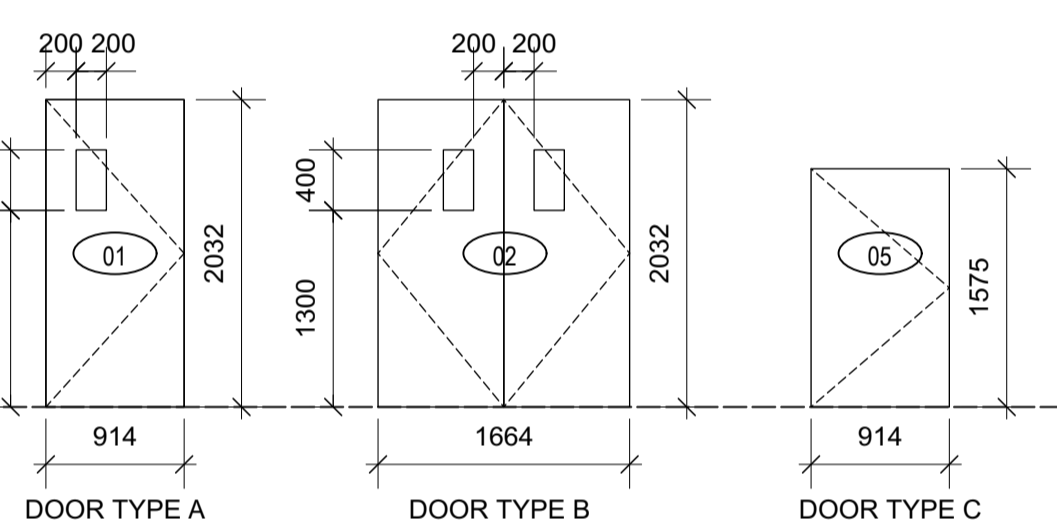
DOOR SCHEDULE

DOOR OPENING NUM.	FROM	TO	DOOR SIZE (WxHxTHICK)	FRR	HDWR	TYPE	MAT'L	CORE	FINISH	COLOUR	GLAZ.	FRAME MAT'L	TYPE	FINISH	COLOUR	GLAZ.	REMARKS
01	STAIR	EXTERIOR	914x2032	-	LEVER HANDLER	A	METAL	INSUL.		DARK GREY	TEMP. LAM.	METAL	A		DARK GREY		
02	WORKSHOP	EXTERIOR	1664x2032	-	LEVER HANDLER	B	METAL	INSUL.		DARK GREY	TEMP. LAM.	METAL	B		DARK GREY	YES	
05	STORAGE	EXTERIOR	914x1626	-	LEVER HANDLER	C	METAL	INSUL.		DARK GREY		METAL	C		DARK GREY		

FRAME TYPES



DOOR TYPES



ASSEMBLIES

W1 EXTERIOR WALL - 2ND FLOOR (NBC 2015: EW1, F.R.R. 1 HR.)

- CLADDING 11mm Fibre Cement Panel
- WOOD STRAPPING 19x122mm Pressure-Treated Plywood Strapping at all panel seams
- AIR SPACE/ WOOD STRAPPING 19x122mm Vertical Pressure-Treated Plywood Strapping @ 400mm O.C. Engineered connections through semi-rigid insulation into studs.
- SEMI RIGID INSULATION 50mm (R7.6/50mm) mineral fiber, min 28kPa, 10% compressive
- AIR/ MOISTURE BARRIER Self adhered vapour permeable membrane
- PLYWOOD SHEATHING 13mm/16mm (refer to structural) Exterior grade
- WOOD STUDS 38 x 140 @ 400mm o.c.
- CAVITY INSULATION Batt type mineral fibre, 140mm (R22) (R4/25mm min.)
- VAPOUR BARRIER 6mil polyethylene
- GYPSUM BOARD 16mm type X

R1 LOW SLOPE ROOF (NBC 2015: Tables D2.3.4-B & F, 50mm (GWB 40 + Joists 10))

- MEMBRANE ROOF 2 ply SBS torch down membrane.
- SEMI RIGID INSULATION 50mm Soparoc DD Plus insulation board (R7.6)
- SEMI RIGID INSULATION 100mm Polystyrene board (R24 min)
- SEMI RIGID INSULATION polystyrene slope insulation (R6 average) 2% slope
- AIR/ MOISTURE BARRIER Self Adhered Membrane (S.A.M.) VB
- PLYWOOD 19 exterior grade type - see struct.
- WOOD Rafters 2x12 @ 19.2" O.C.-confirm w/ struct.
- GYPSUM BOARD 1 layer 16mm type X GWB

W2 EXTERIOR WALL @ METAL PANELS (NBC 2015: EW1, F.R.R. 1 HR.)

- METAL CLADDING Corrugated Metal Panel: Red
- AIR SPACE/ WOOD STRAPPING 19x38mm Vertical Pressure-Treated Plywood Strapping @ 400mm O.C. Engineered connections through semi-rigid insulation into studs.
- SEMI RIGID INSULATION 25mm mineral fiber, min 28kPa, 10% compressive
- AIR/ MOISTURE BARRIER Self adhered vapour permeable membrane
- PLYWOOD SHEATHING 13mm/16mm (refer to structural) Exterior grade
- WOOD STUDS 38 x 140 @ 400mm o.c.
- CAVITY INSULATION Batt type mineral fibre, 140mm (R22) (R4/25mm min.)
- VAPOUR BARRIER 6mil polyethylene
- GYPSUM BOARD 16mm type X

F1 FIRST FLOOR

- POLYVINYL FLOOR Polyvinyl Flooring
- PLYWOOD 8mm Underlayment
- PLYWOOD 16mm T&G Sheathing - glued
- INSULATION 50mm Rigid Insulation - glued
- SELF LEVELING COMPOUND 0-20mm Level Wharf
- CONCRETE DECK Existing Concrete Deck (Wharf)

F2 SECOND FLOOR (NBC 2015: F8c, Min. STC 48) D2.3.4 - B res channel & 15.9 GWB 40 min + D2.3.4 - G Batt 5 min. = Total F.R.R. 45 Min.

- RUBBER FLOOR MONDO resilient sheet rubber floor
- PLYWOOD 15.9 mm T&G type, glued and screwed
- RESILIENT CHANNELS 22mm channels @ 400 o.c. 15' minimum depth required @ 19.2" o.c. minimum, refer to structural
- TJI JOIST 140mm of mineral fibre batt minimum mass per unit area 1.22kg/m2 Resilient Channel @ 400 O.C.
- BATT INSULATION 140mm of mineral fibre batt minimum mass per unit area 1.22kg/m2 Resilient Channel @ 400 O.C.
- FURRING GYPSUM BOARD 1 layer 16mm type X GWB

P1 INTERIOR WALL (NBC 2015: W1A)

- GYPSUM BOARD 16mm type X
- WOOD STUDS 38 x 89 @ 400mm o.c.
- CAVITY INSULATION Batt type mineral fibre, 89mm (R4/25mm min.)
- GYPSUM BOARD 16mm type X

P2 INTERIOR WALL

- GYPSUM BOARD 16mm type X
- WOOD STUDS 38 x 89 @ 400mm o.c.
- GYPSUM BOARD 16mm type X

FINISH SCHEDULE

ROOM FINISH SCHEDULE

NUM.	ROOM NAME	FLOOR TYPE	BASE			CEILING				WALLS		
			MATERIAL	SIZE	COLOUR	HEIGHT	MATERIAL	FINISH	COLOUR	MATERIAL	FINISH	COLOUR
100	WORKSHOP	POLYVINYL CHLORIDE	RUBBER	100mm	TBD	2852	GWB	PAINT	TBD	PLY/GWB	PAINT	TBD
200	MULTI PURPOSE ROOM	MONDO RESILIENT FLOORING	RUBBER	100mm	TBD	2652	GWB	PAINT	TBD	GWB	PAINT	TBD

*NOTE: SEE A3.01 AND A5.01 FOR EXTENT OF GOOD ONE SIDE, PAINTED PLYWOOD WALL COVERING

CODE CHECK

Name of Project: Kitsilano Coast Guard - additional building		date: June 2021	
Location: 1661 Whyte Ave, Vancouver BC			
Item	NBC 2015	Part: 3	NBC 2015 Ref.
1	Project description: Workshop & Gym building	New	3.1.1.1
2	Major Occupancy(s):	D (gym) F3 (workshop)	3.1.2.1
3	Separation of Major Occupancies	D-F3= none required	3.1.3.1
4	Building Classification:	Group D, 2 Storey Building, Sprinklered	3.2.2.85
5	Building Area (m2)	32.5	3.2.2.85
6	Gross Area (m2):	65	3.2.2.85
7	Number of storeys:	2	3.2.2.10 / 3.2.5.1
8	Height of building (m):	6.89	3.2.2.10 / 3.2.5.1
9	Number of street / access Routes:	1	3.2.2.10 / 3.2.5.1
10	High Building:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.4.1
11	Sprinkler System Proposed:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (not a code requirement)	3.2.4.1
12	Standpipe Required:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.5.8
13	Fire Alarm Required:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.2.4.1
14	Water Service / Supply is Adequate:	<input checked="" type="checkbox"/> Yes (assumed) <input type="checkbox"/> No	3.2.5.7
15	Permit Construction:	<input checked="" type="checkbox"/> Combustible <input type="checkbox"/> Non-Combustible	
16	Actual Construction:	<input checked="" type="checkbox"/> Combustible <input type="checkbox"/> Non-Combustible	
17	Mezzanine(s) Area (m2)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
18	Occupant Load Based On:	<input type="checkbox"/> Design of building	3.1.17.1
	1st floor	32.5m2/9.3 = 3	
	2nd floor	32.5m2/9.3 = 3	
		6 persons total	
19	Barrier-Free Design:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.8
	Hazardous Substance:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.3.1.2
19	Required Fire Resistance Rating (FRR)	Hor. Ass. FRR	REQUIRED PROVIDED
		Roof	45 min. 45 min.
		Floor	45 min. 1 hr.
		Supporting structure	45 min. 1 hr.
20	Spatial Separations - Construction of Exterior Walls: Limiting Distances		3.2.3.1.D / 3.2.3.7
	Wall	Area of EBF (m2)	L.D.(m)
	North	N/A	
	East	N/A	
	South Upper	12	1.2
	South Lower	14	1.2
	Existing Bldg 1st	22	1
	Existing Bldg 2nd	28	2.2
	West	N/A	
21	Exit Width	900mm: max 2 storey	3.4.3.2. A
22	Combustible Interior Finishes		3.1.5.12

Note: Existing building sprinklered non combustible

ABBREVIATIONS

SCHEDULE ABBREVIATIONS

- ALUM. ALUMINUM
- ANOD. ANODIZED
- ARG. ARGON FILL
- D.G. DOUBLE GLAZED
- (E) EXISTING
- FRR FIRE RESISTANCE RATING
- GLAZ. GLAZING OR GLASED
- H.M. HOLLOW METAL
- HDWR HARDWARE
- HWT HOT WATER TANK
- INSUL. INSULATED
- LAM. LAMINATED
- L.E. LOW EMISSIVITY
- MAT'L MATERIAL
- MIN. MINUTES OR MINIMUM
- NAT. NATURAL
- OBS. OBSCURED
- P.O. POWER OPERATED
- PT. PRESSURE TREATED
- SAM SELF ADHERED MEMBRANE
- SSG STRUCTURAL SILICONE GLAZING
- S.S. STAINLESS STEEL
- ST STEEL
- T.B. THERMALLY BROKEN
- TELP TEMPERED
- TBD TO BE DETERMINED
- WD. WOOD

DRAWING LIST

ARCHITECTURAL

- A0.00 COVER SHEET, DRAWING LIST, GENERAL NOTES, ASSEMBLIES, SCHEDULES & ABBREVIATIONS
- A1.01 SITE PLAN AND FLOOR PLANS
- A2.01 ELEVATIONS
- A3.01 SECTIONS
- A4.01 DETAILS
- A4.02 DETAILS

STRUCTURAL

- S1.01 GENERAL NOTES
- S2.01 FRAMING PLANS
- S4.01 TYPICAL DETAILS

MECHANICAL

- M0.01 DRAWING LIST LEGEND & SCHEDULES
- M1.01 PLUMBING - SITE, LEVEL 1 & LEVEL 2 PLANS AND SCHEMATICS
- M2.01 MECHANICAL - LEVEL 1 AND LEVEL 2 PLANS
- M3.01 FIRE PROTECTION - LEVEL 1, LEVEL 2 PLANS AND SCHEMATICS

ELECTRICAL

- E-001 ELECTRICAL SITE PLAN, LEGEND, DRAWING LIST AND GENERAL NOTES
- E-110 ELECTRICAL LIGHTING PLAN
- E-120 POWER AND SYSTEMS PLAN
- E-130 ELECTRICAL ELEVATION
- E-140 ELECTRICAL DETAILS

GENERAL NOTES:

- DO NOT SCALE DRAWING.
- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATUMS, AND LEVELS PRIOR TO COMMENCEMENT OF WORK. ALL ERRORS AND OMISSIONS TO BE REPORTED TO THE DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING.
- VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE CARRIED OUT WITHOUT WRITTEN PERMISSION OF DEPARTMENTAL REPRESENTATIVE.
- GRIDLINES AT FACE OF SHEATHING UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS ARE METRIC (mm) UNLESS NOTED OTHERWISE.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH AND COORDINATED WITH THE SPECIFICATIONS AND THE DOCUMENTS OF THE OTHER DISCIPLINES THAT FORM THE FULL CONTRACT DOCUMENT PACKAGE. WHERE CONFLICT EXISTS BETWEEN DOCUMENTS, THESE ARE TO BE REPORTED TO THE DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING.
- ENSURE COMPATIBILITY OF METAL FASTENERS, SHEET METALS AND OTHER METAL ITEMS WITH EACH OTHER AND WITH PRESSURE TREATED WOOD. PROVIDE ISOLATION WHERE REQUIRED. ALWAYS ISOLATE P.T. WOOD FROM METALS.



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	2021-06-18
2	100% REVIEW	2020-01-15
1	70% REVIEW	2020-12-18
0	BASE PLANS	2020-12-04

FISHERIES AND OCEANS, REAL PROPERTY, SAFETY AND SECURITY

VANCOUVER, BC
200-401 BURRARD ST.

Project title/Titre du projet

KITSILANO CCG SAR WORKSHOP RECONSTRUCTION

KITSILANO, VANCOUVER B.C.

Consultant Signature Box Only

Designed by/Concept par
RH/KC

Drawn by/Dessine par
MS

PWGSC Project Manager/Administrateur de Projets TPSGC

PWGSC Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

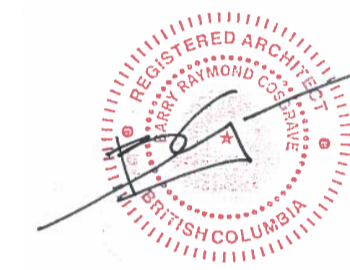
Drawing title/Titre du dessin

COVER SHEET, DRAWING LIST, GENERAL NOTES, ASSEMBLIES, SCHEDULES & ABBREVIATIONS

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
F521A-210639	A0.00	1

NOTES:

- PROVIDE 38mm HIGH CONCRETE HOUSEKEEPING PAD @ NEW & RELOCATED HEAT PUMPS AND FOR TRANSFORMER



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Client/Client

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SAFETY AND SECURITY**

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WORKSHOP
RECONSTRUCTION**

KITSILANO, VANCOUVER B.C.

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Designed by/Concept par

RH/KC

Drawn by/Dessiné par

KC/CM

PWGSC Project Manager/Administrateur de Projets TPSPGC

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PWGSC, Regional Manager, Architectural and Engineering Services /
Gestionnaire régionale, Services d'architecture et de génie, TPSPGC
PREETIPAL PAUL

Drawing title/Titre du dessin

**SITE PLAN AND
FLOOR PLANS**

Project No./No. du projet

F521A-210639

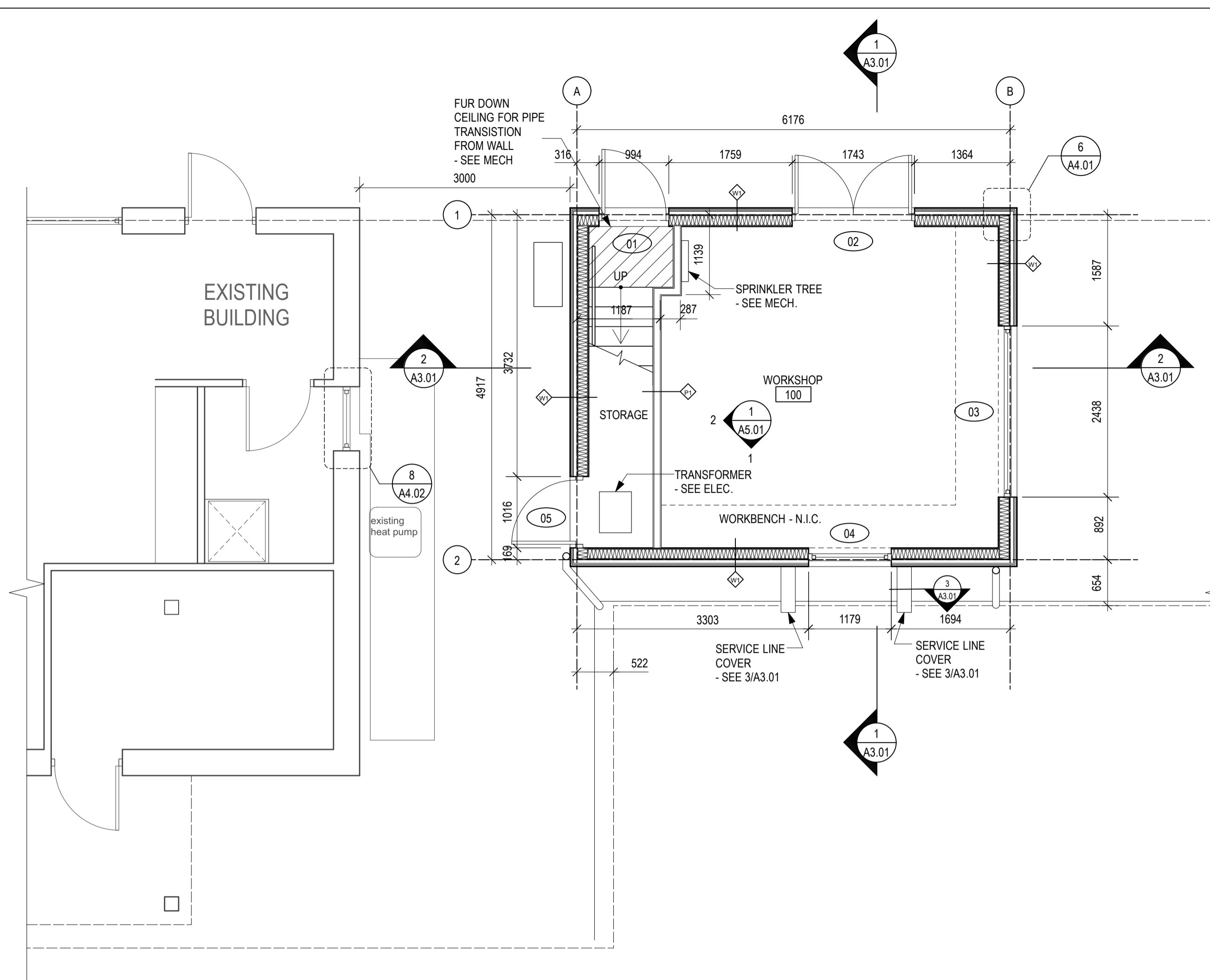
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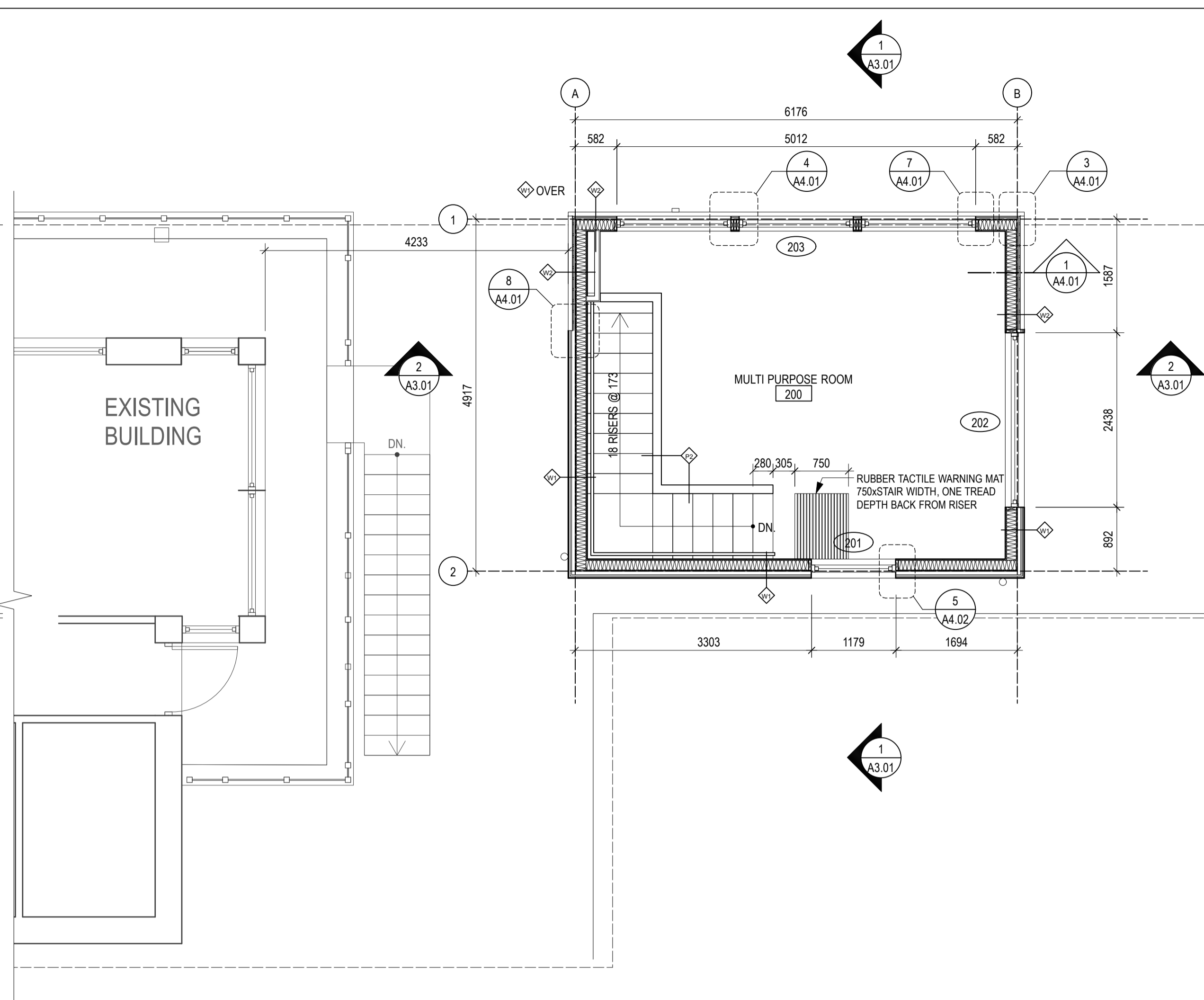
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Revision no./
La Révision no.

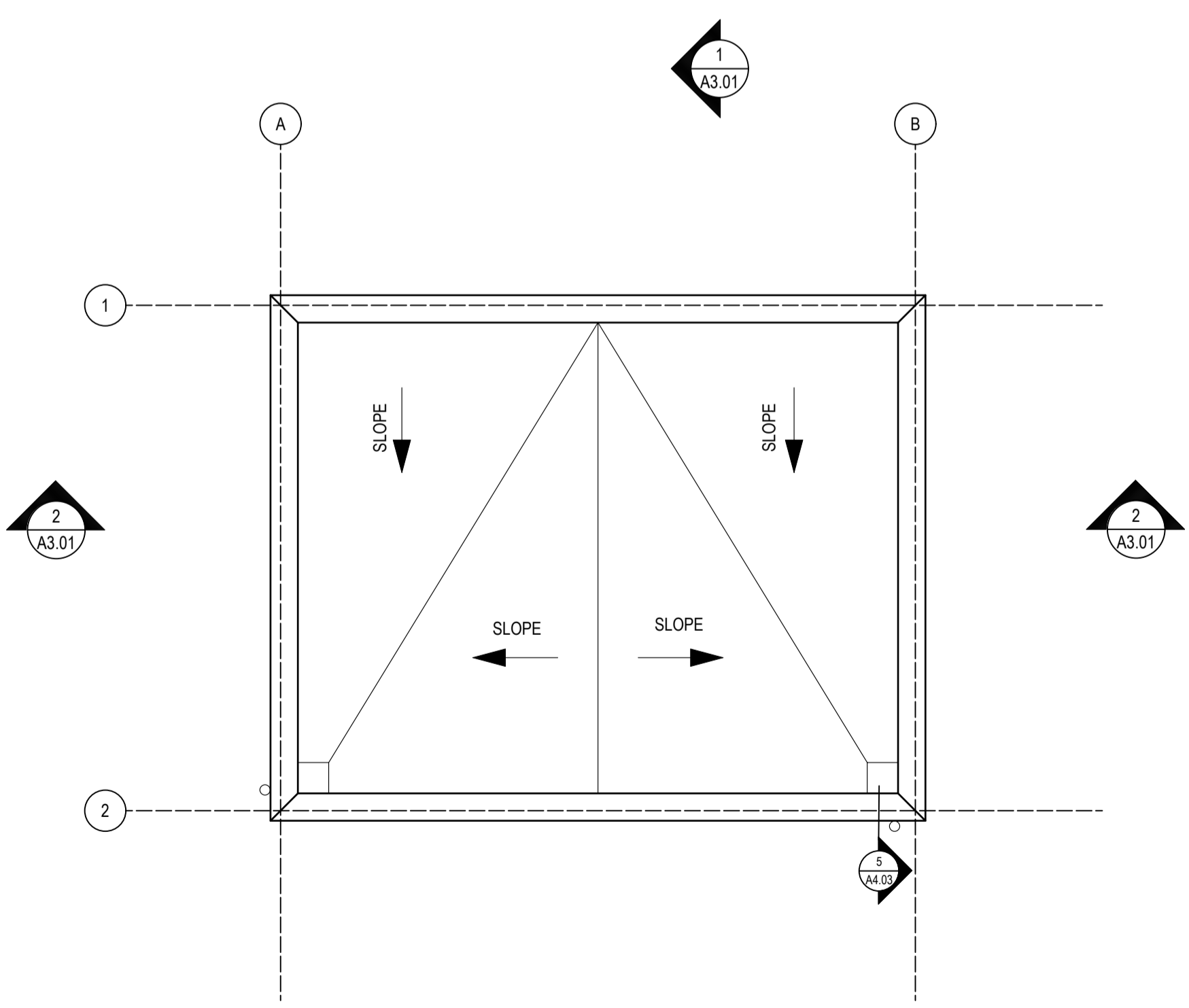
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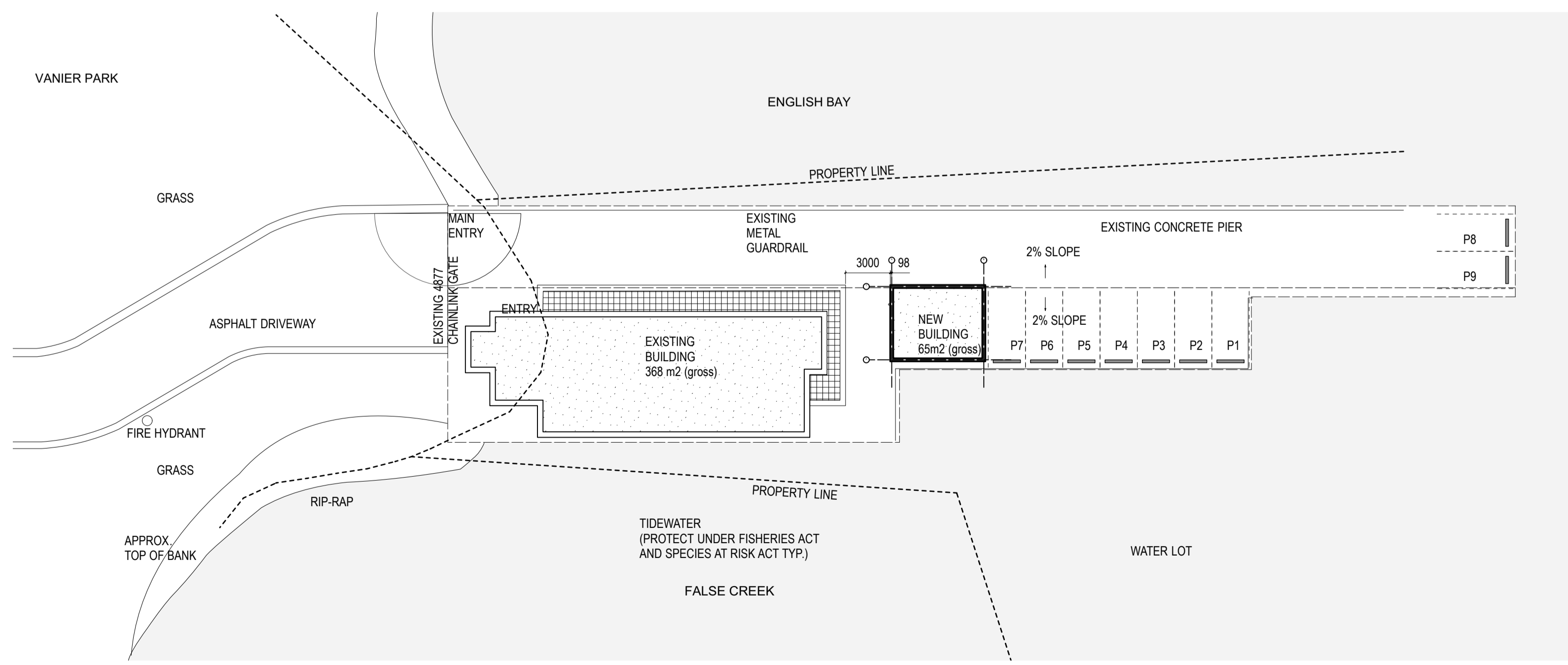
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SCALE: 1:50



3 UPPER FLOOR PLAN
SCALE: 1:50

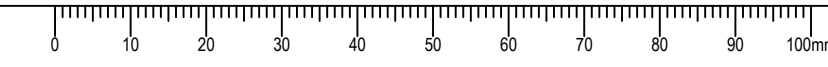


4 ROOF PLAN
SCALE: 1:50



1 SITE PLAN
SCALE: 1:250

Date: 21.05.20 8:49:15 AM



NEW BUILDING

- 13 - 11mm Fibre Cement Panel: Light Grey
- 14 - 11mm Fibre Cement Panel: Dark Grey
- 15 - Vinyl: Dark Grey
- 16 - Vinyl: Dark Grey
- 17 - Vinyl: Red
- 18 - Not Used
- 19 - Corrugated Metal Cladding: Red
- 20 - Not Used
- 21 - Prefinished Metal Flashing: Dark Grey
- 22 - Prefinished Metal Rainwater spout
- 23 - Not Used
- 24 - Prefinished Metal Exhaust Vent - Dark Grey Powder Coat

NOTES:

- CENTER ALL LIGHTS ON PANELS
- PROVIDE 38mm HIGH CONCRETE HOUSEKEEPING PAD @ NEW & RELOCATED HEAT PUMPS AND FOR TRANSFORMER



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RECONSTRUCTION**

KITSILANO, VANCOUVER B.C.

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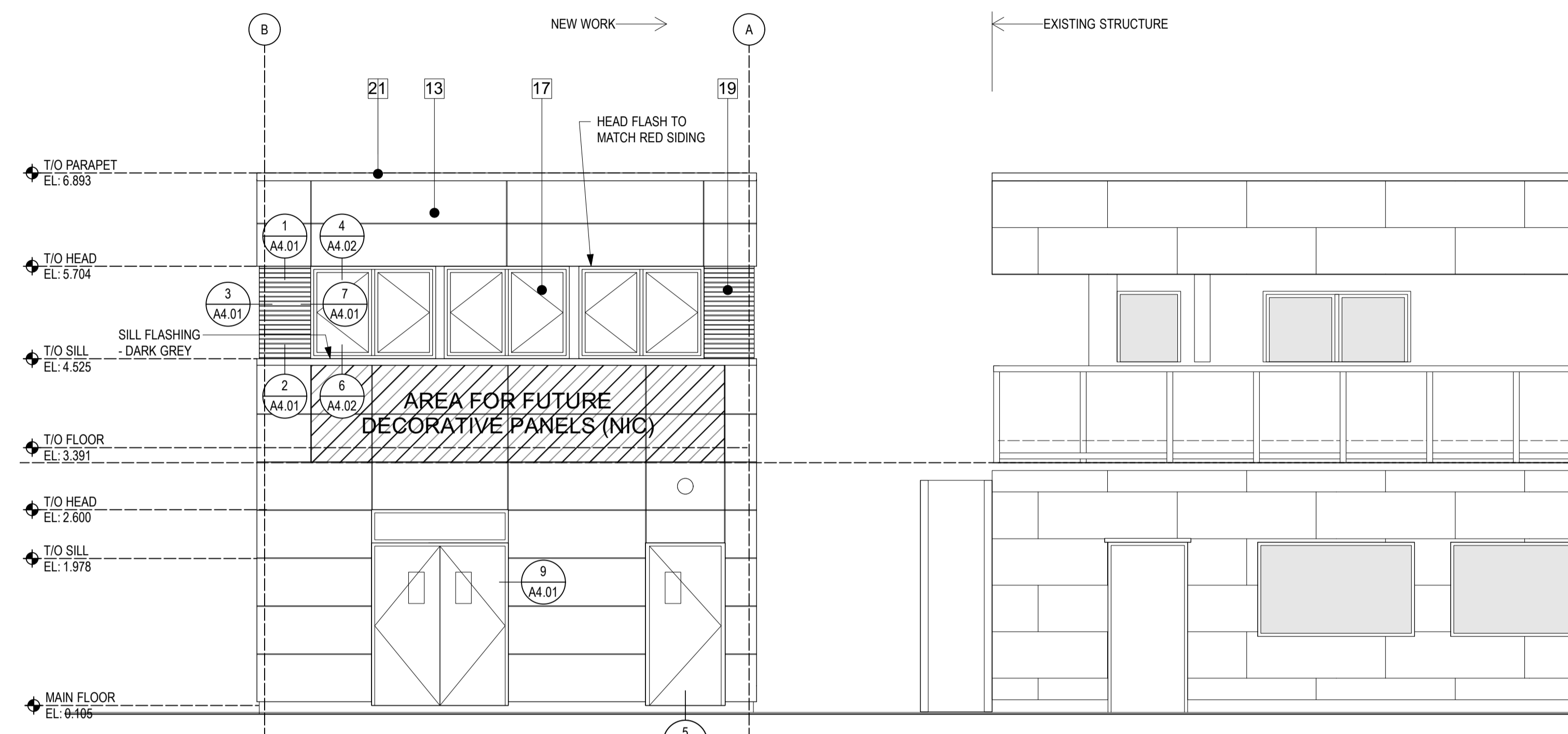
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PREETIPAL PAUL

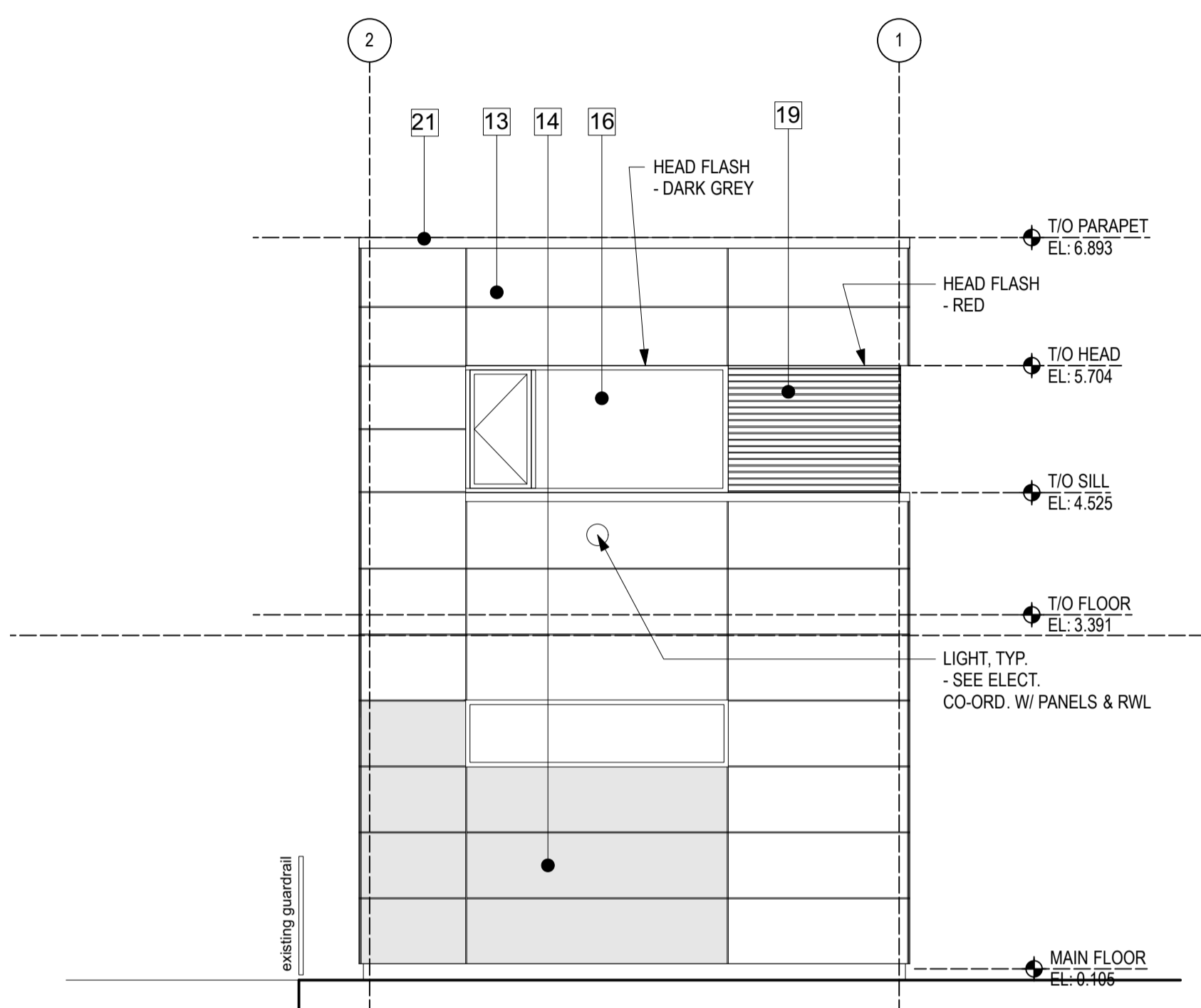
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ELEVATIONS

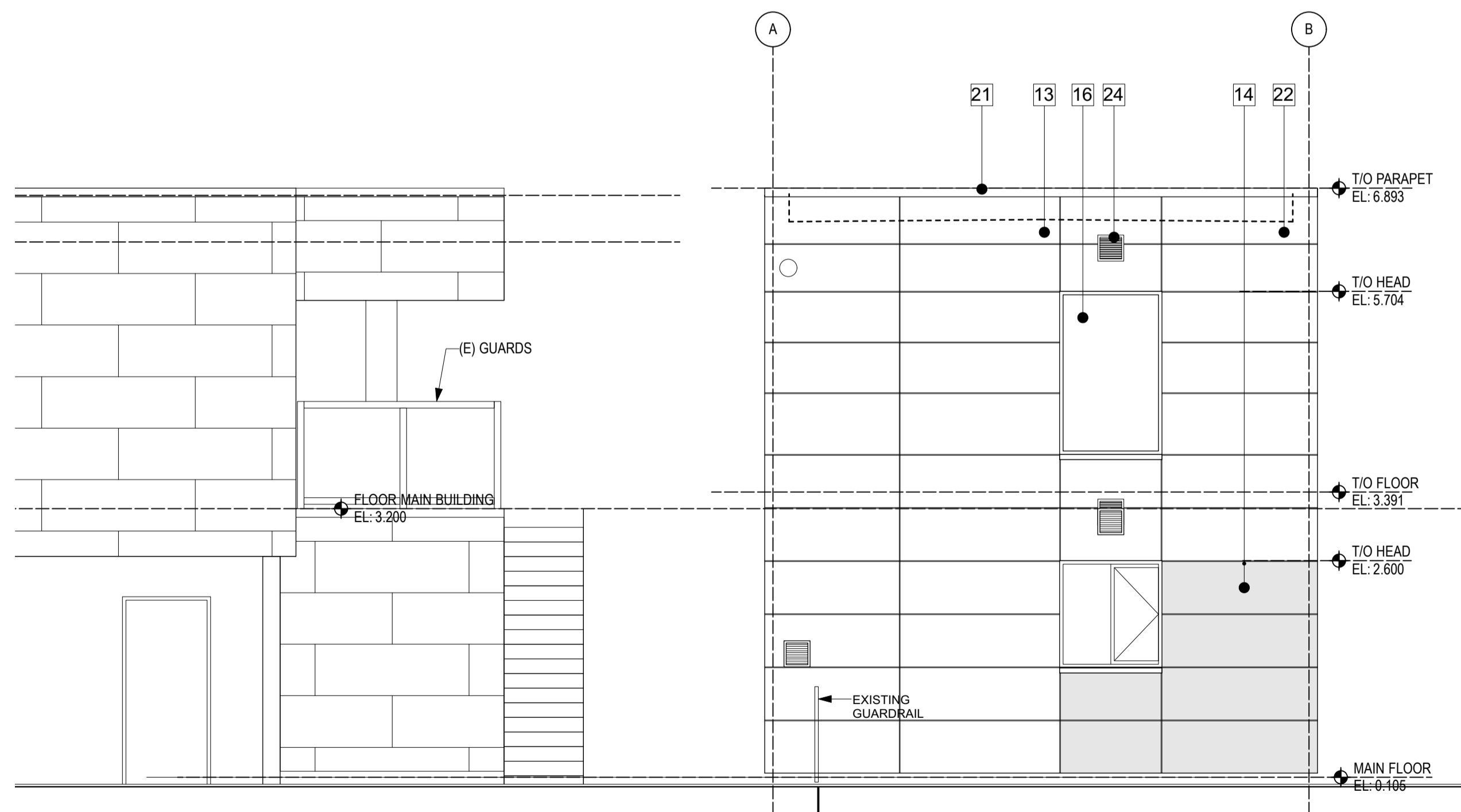
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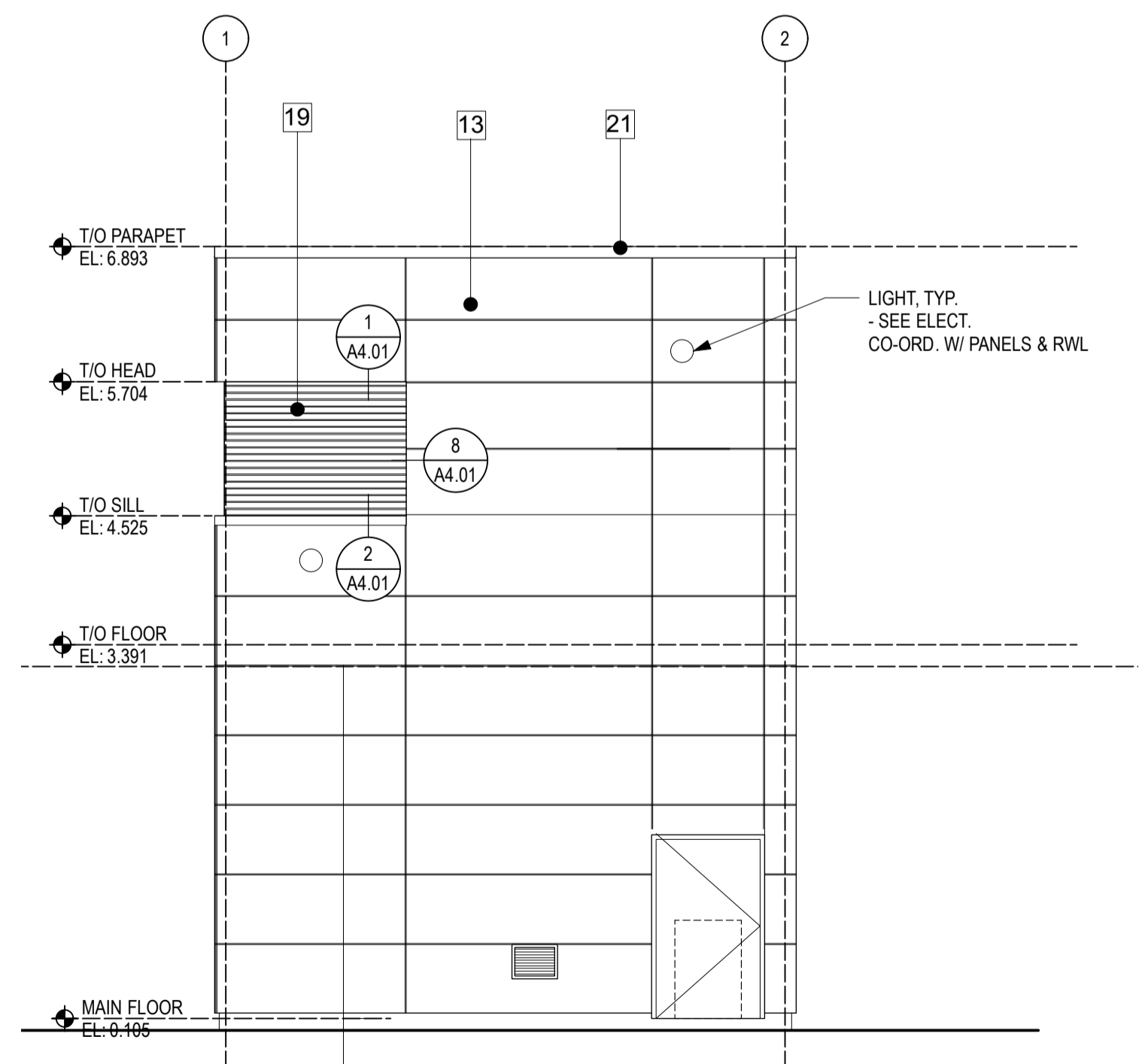
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2 NORTH ELEVATION
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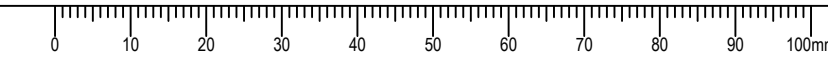


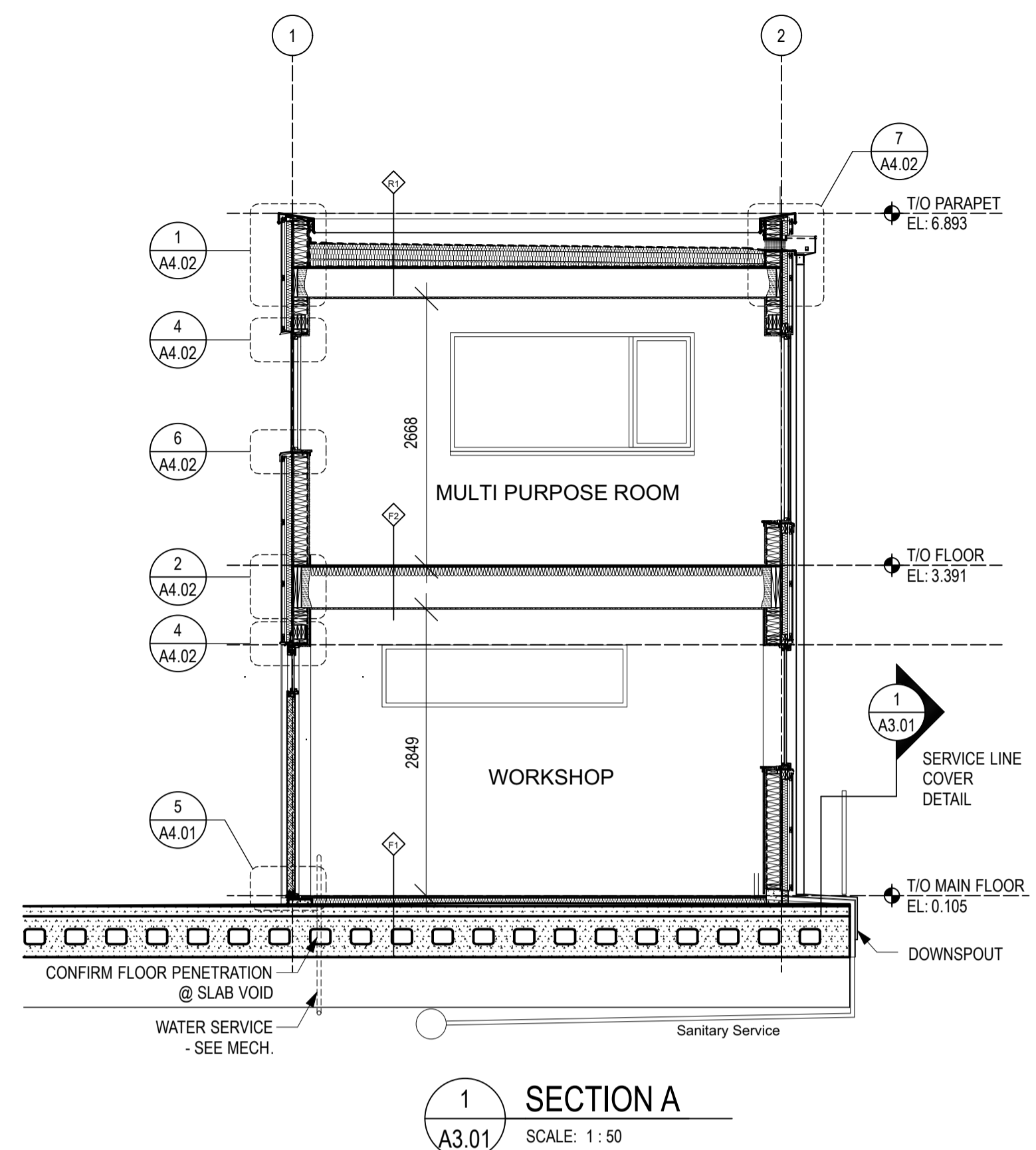
3 EAST ELEVATION
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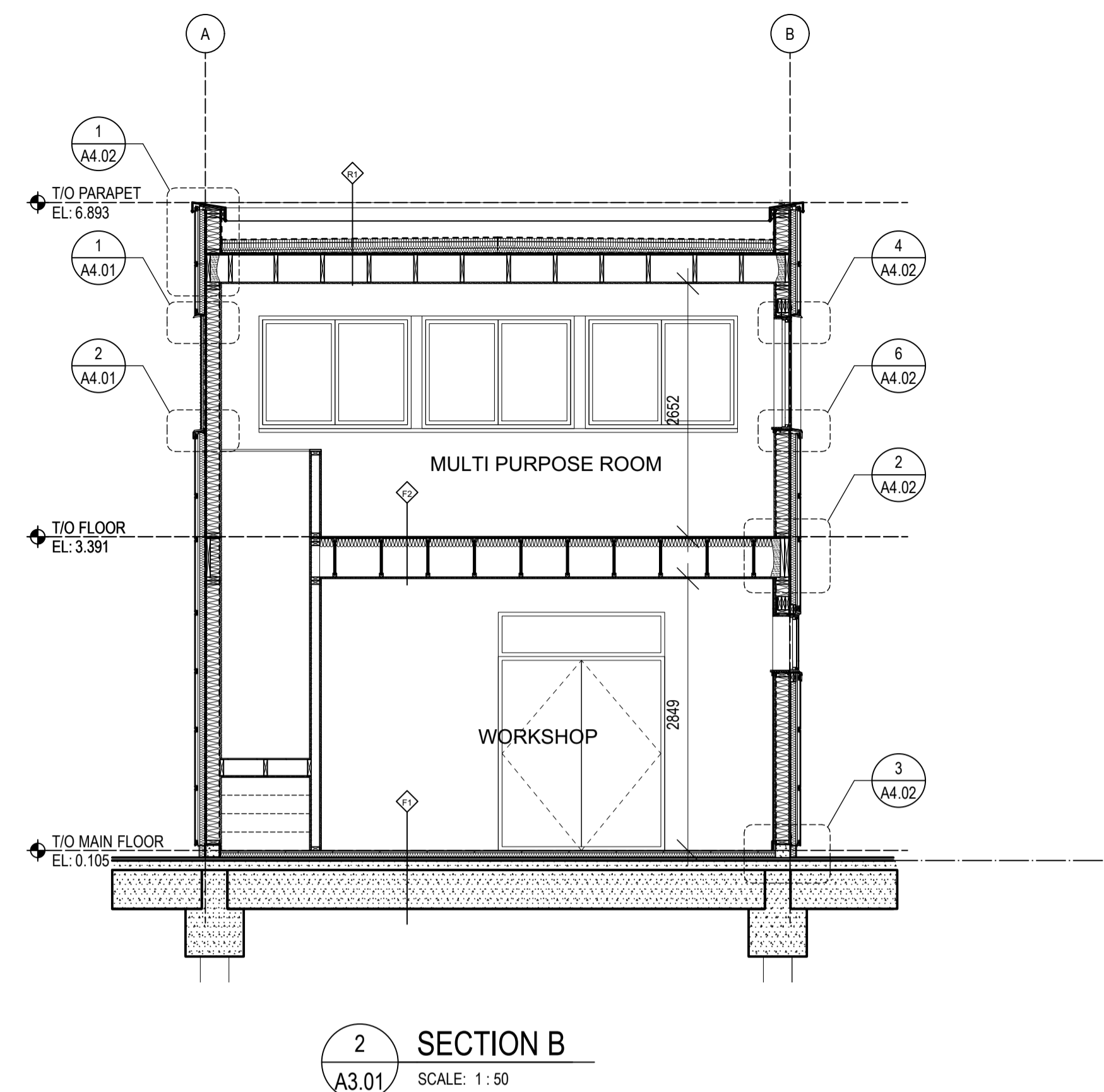
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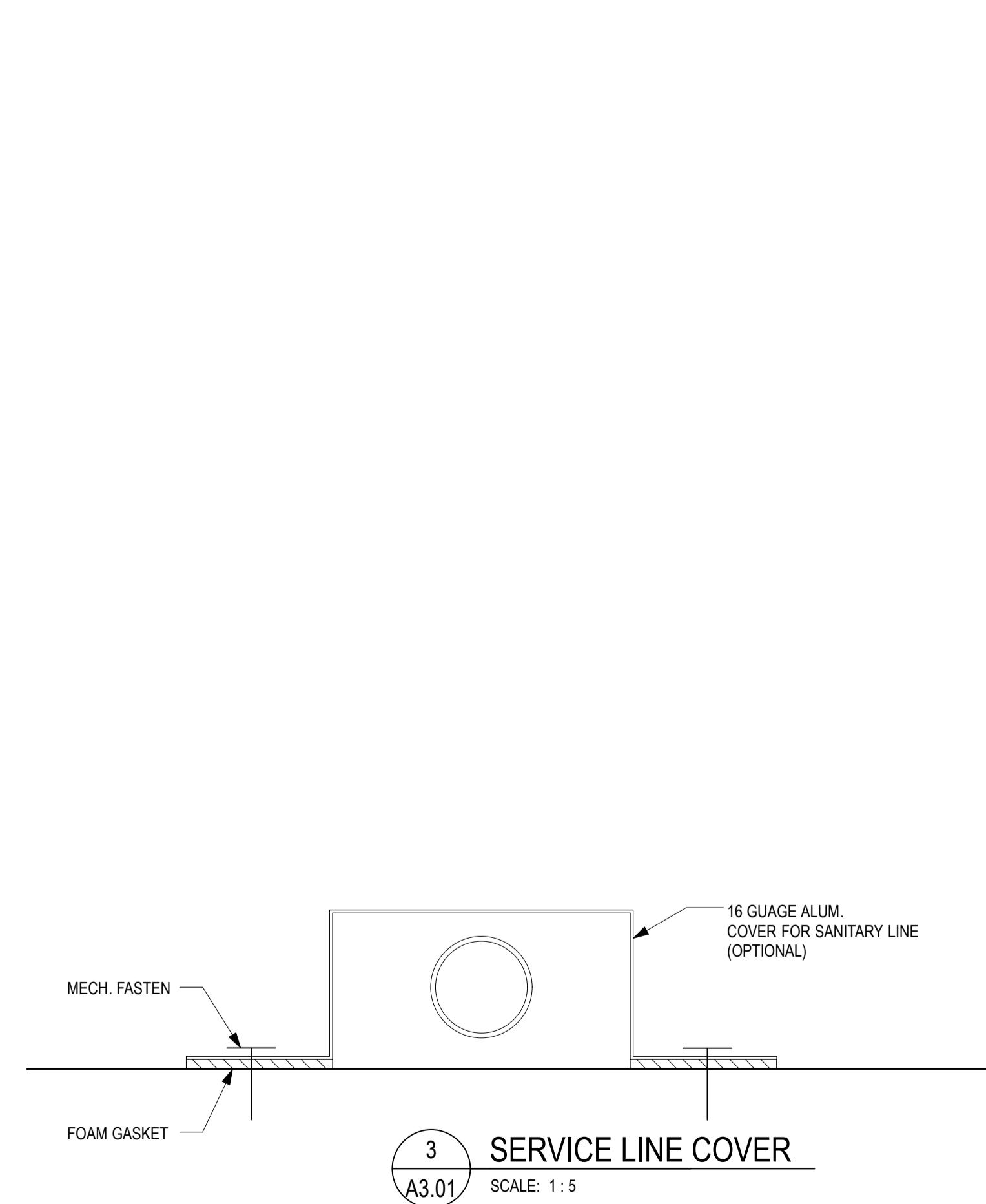




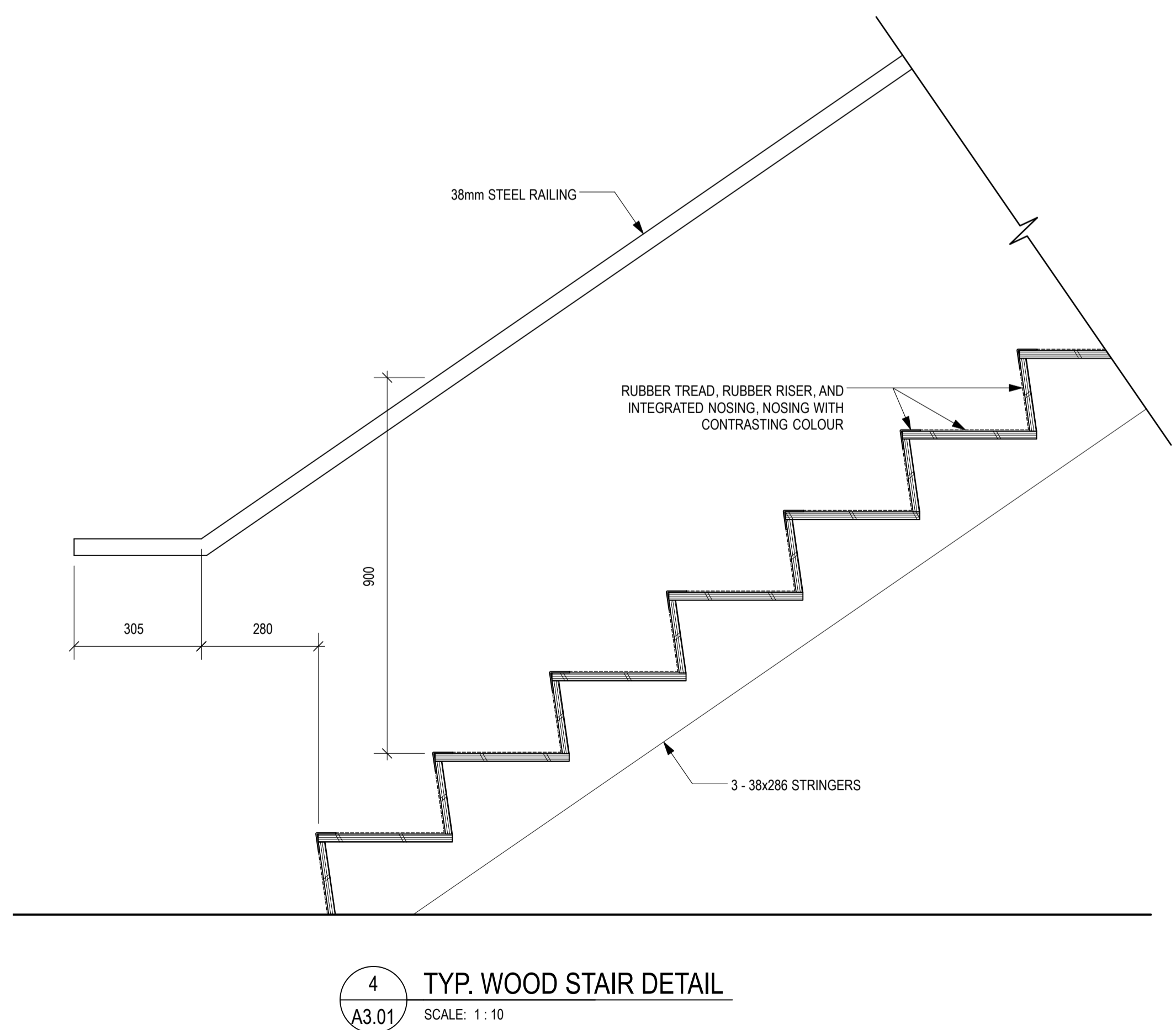
1 SECTION A
A3.01 SCALE: 1:50



2 SECTION B
A3.01 SCALE: 1:50



3 SERVICE LINE COVER
A3.01 SCALE: 1:5



4 TYP. WOOD STAIR DETAIL
A3.01 SCALE: 1:10



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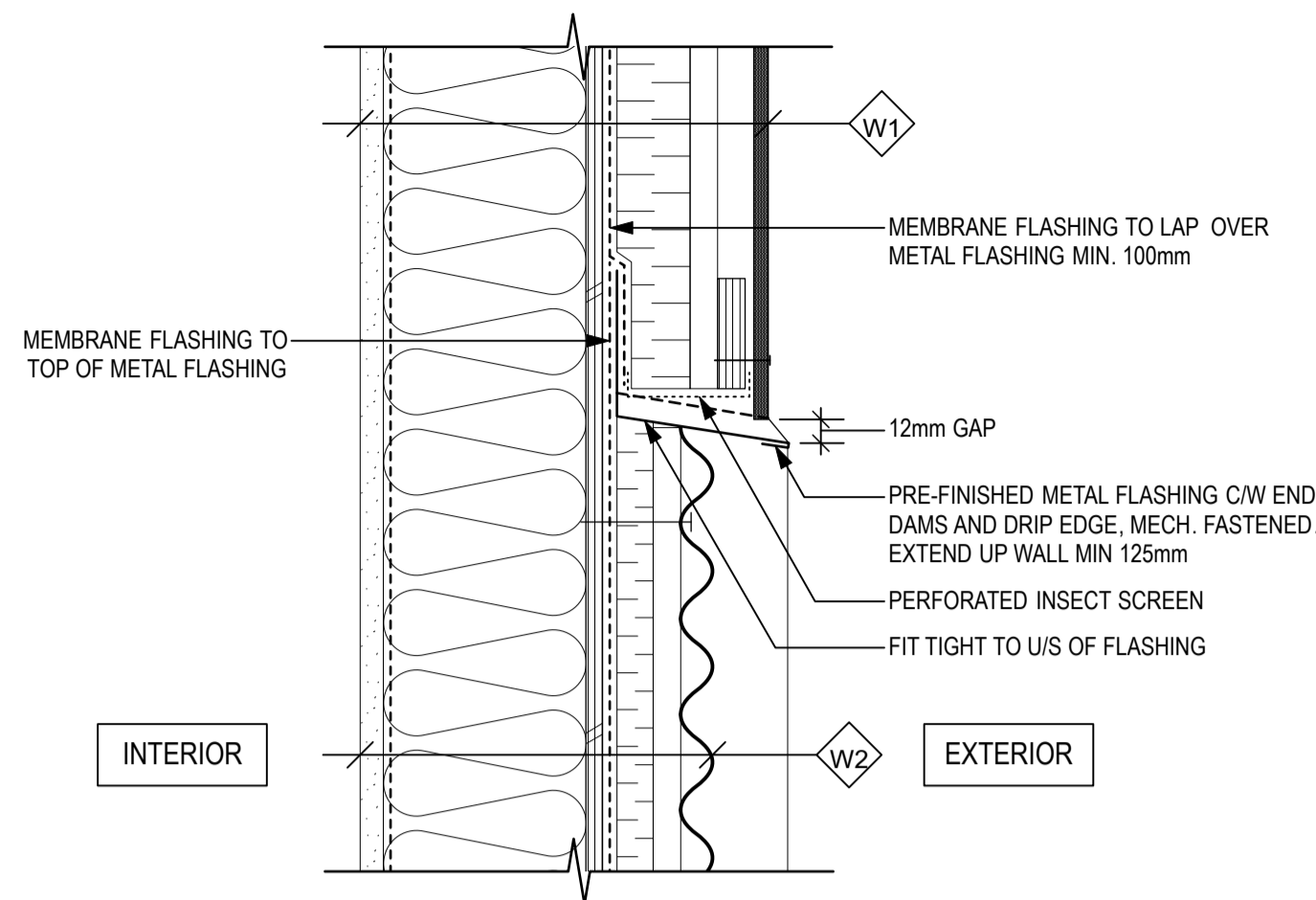
Client/client
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VANCOUVER, BC
200-401 BURRARD ST.

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KITSILANO, VANCOUVER B.C.

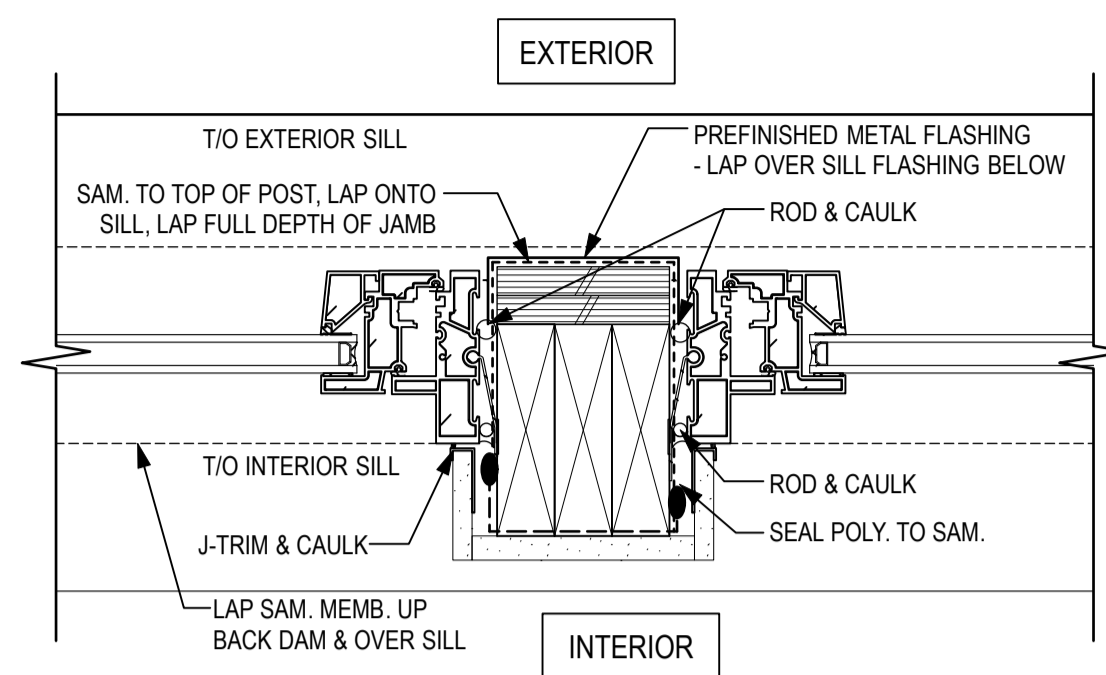
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SECTIONS

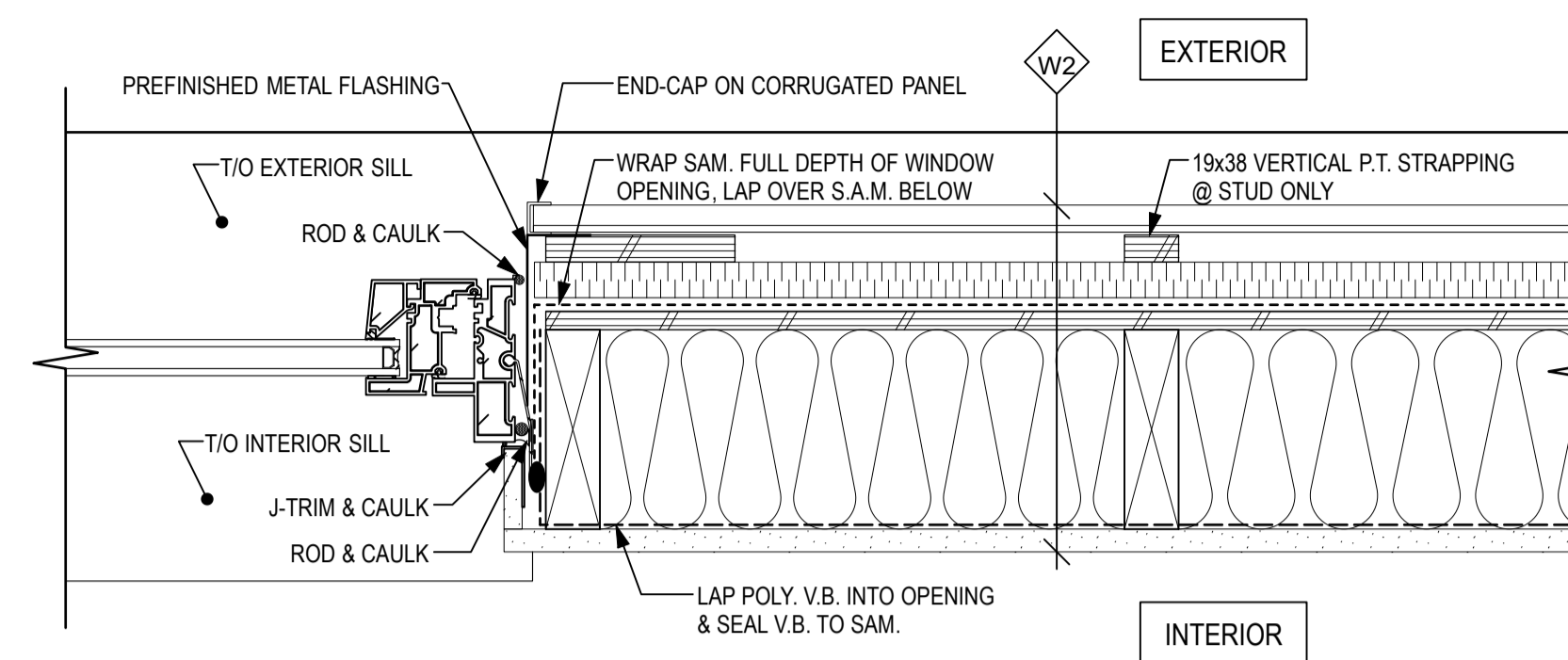
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OF		



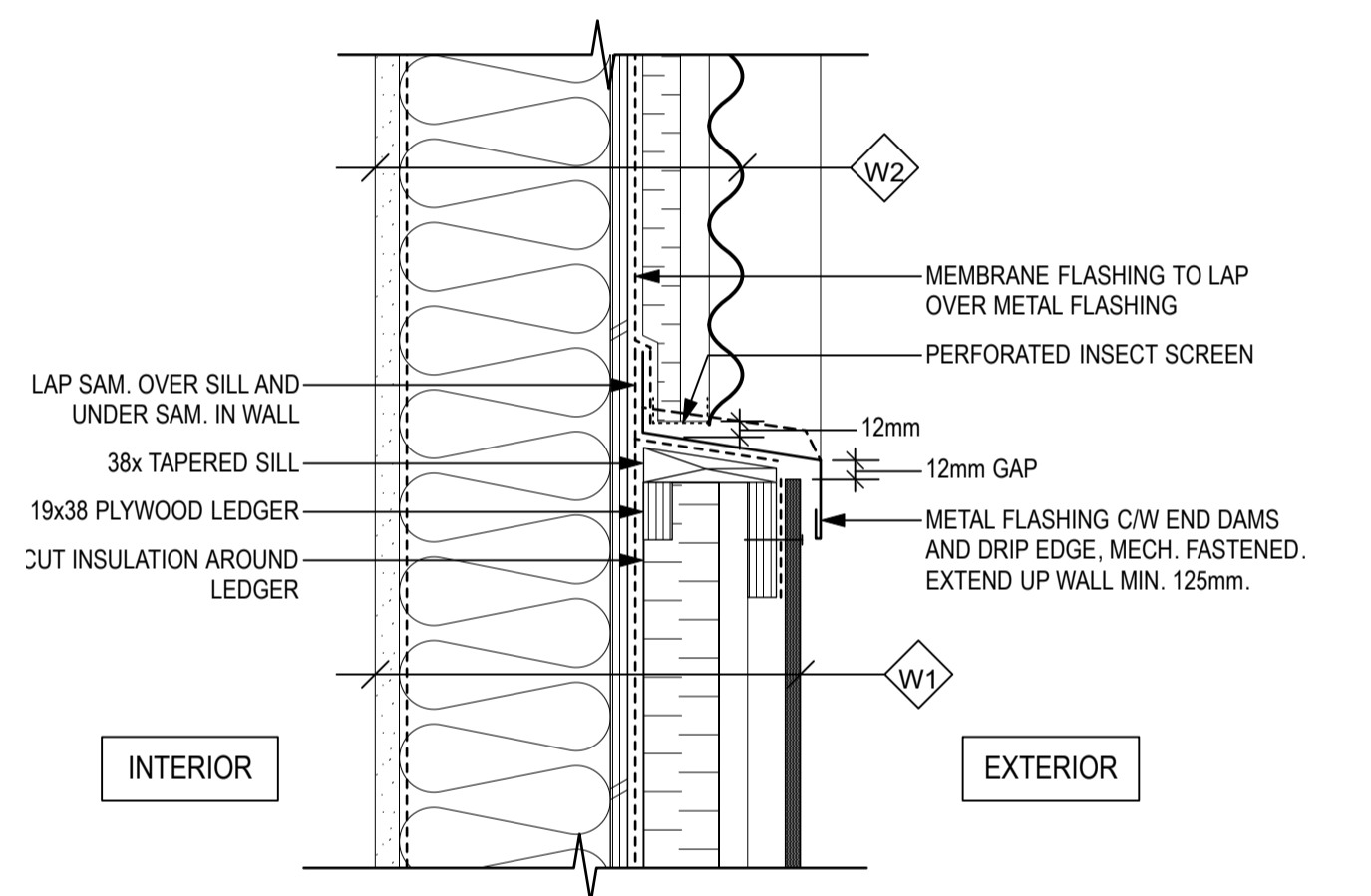
1 W1 @ W2 CORRUGATED HEAD
4.01 SCALE: 1:5



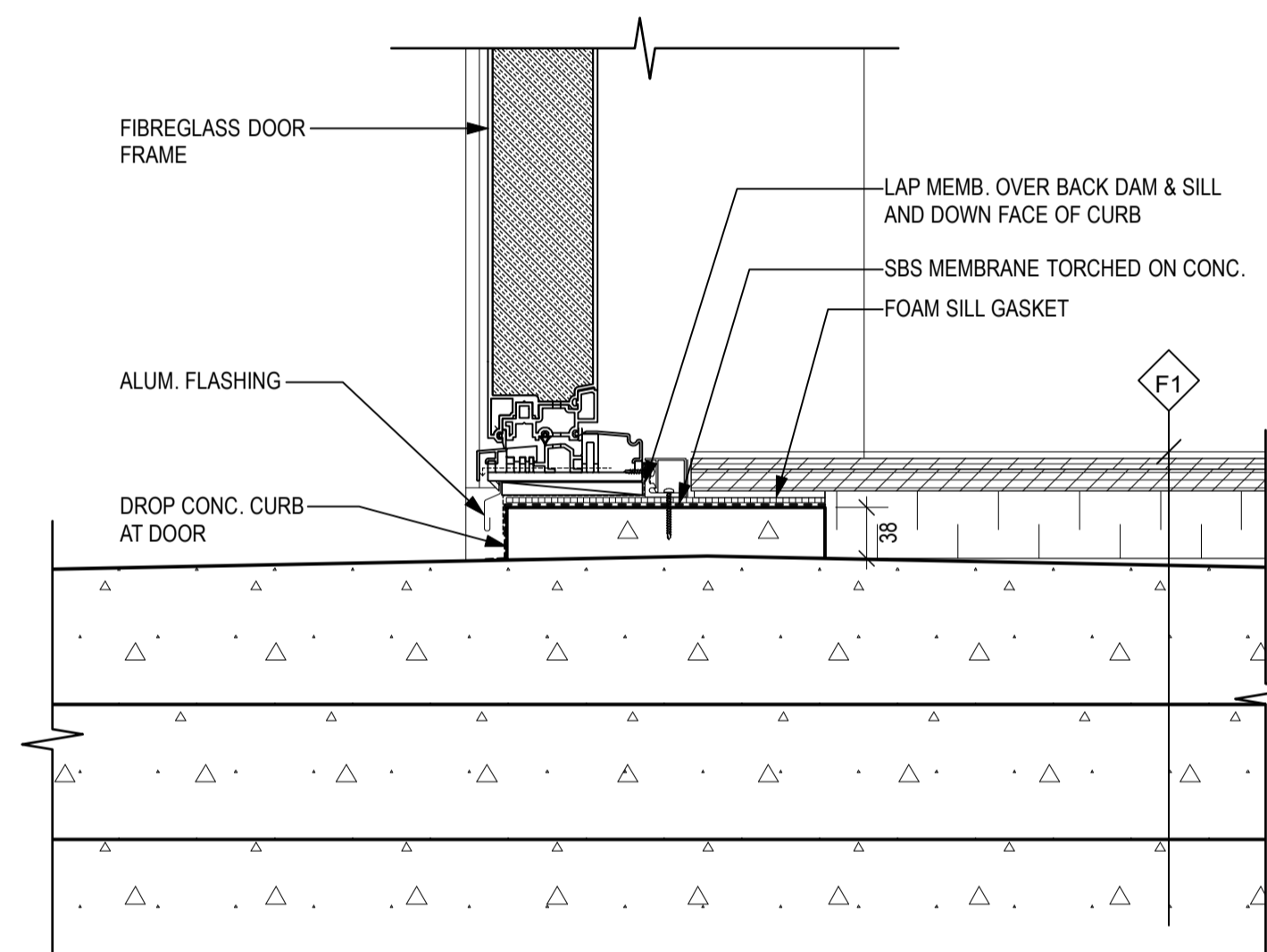
4 WINDOW JAMB @ METAL PANEL W2
4.01 SCALE: 1:5



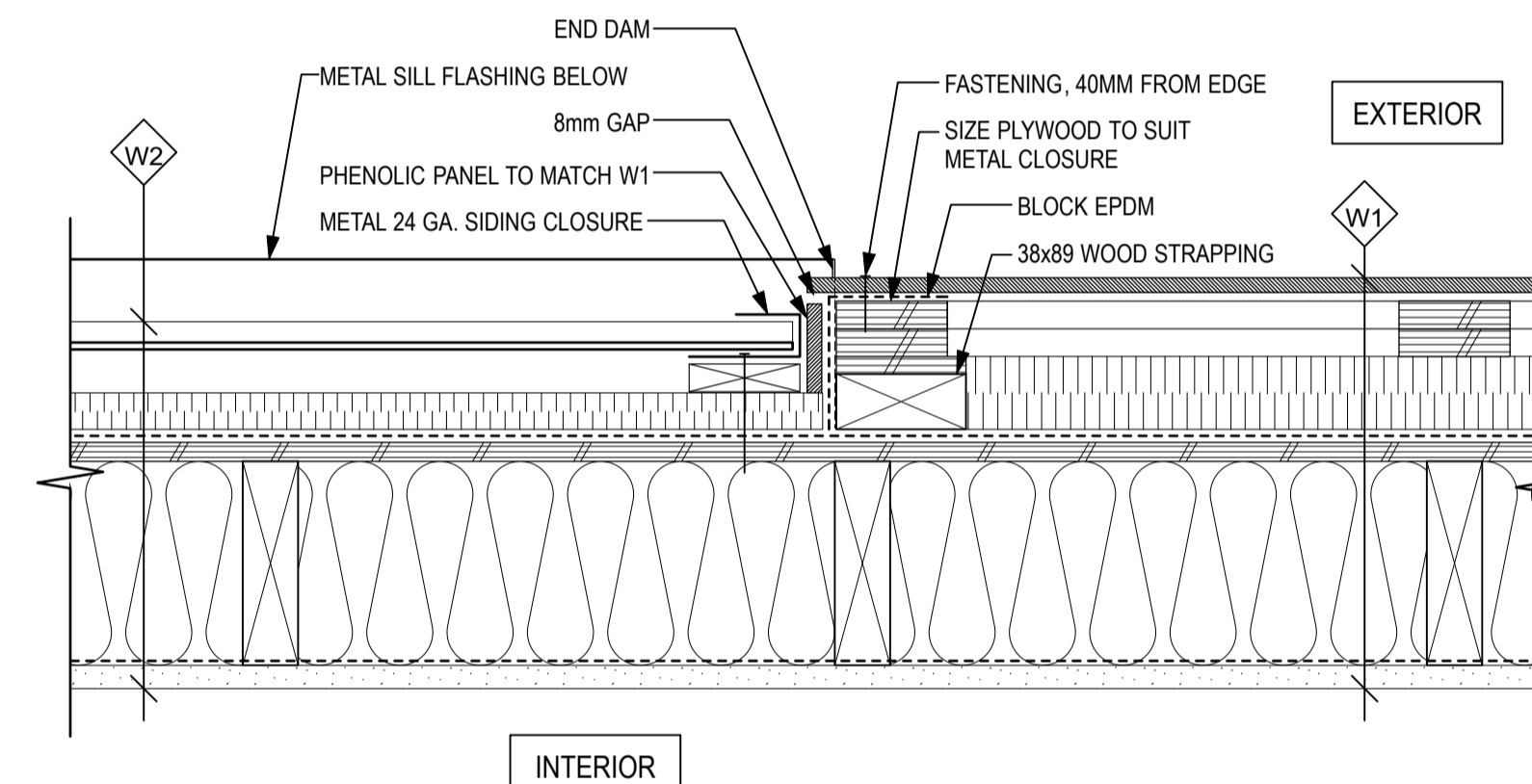
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4.01 SCALE: 1:5



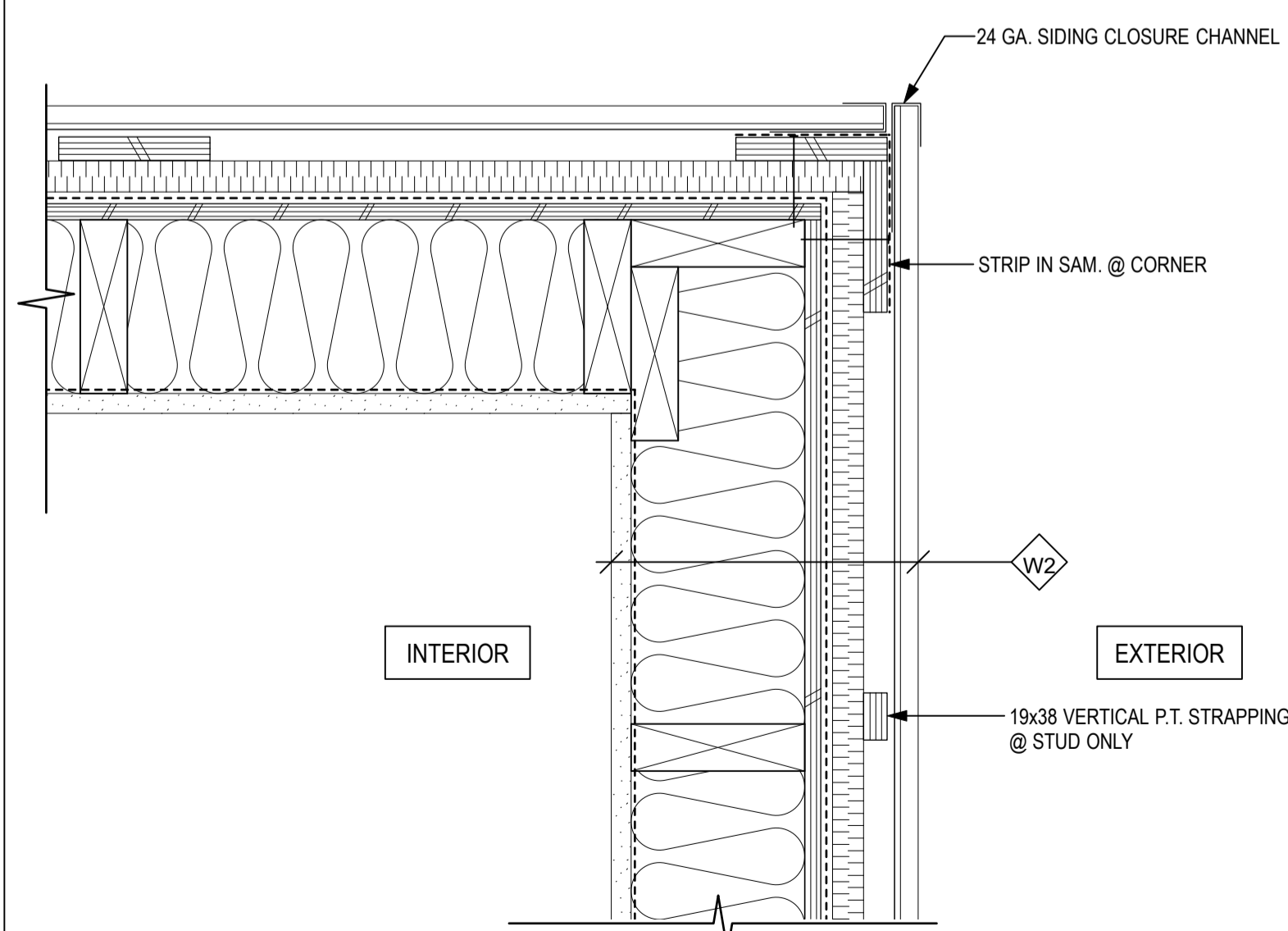
2 W1 @ W2 CORRUGATED SILL
4.01 SCALE: 1:5



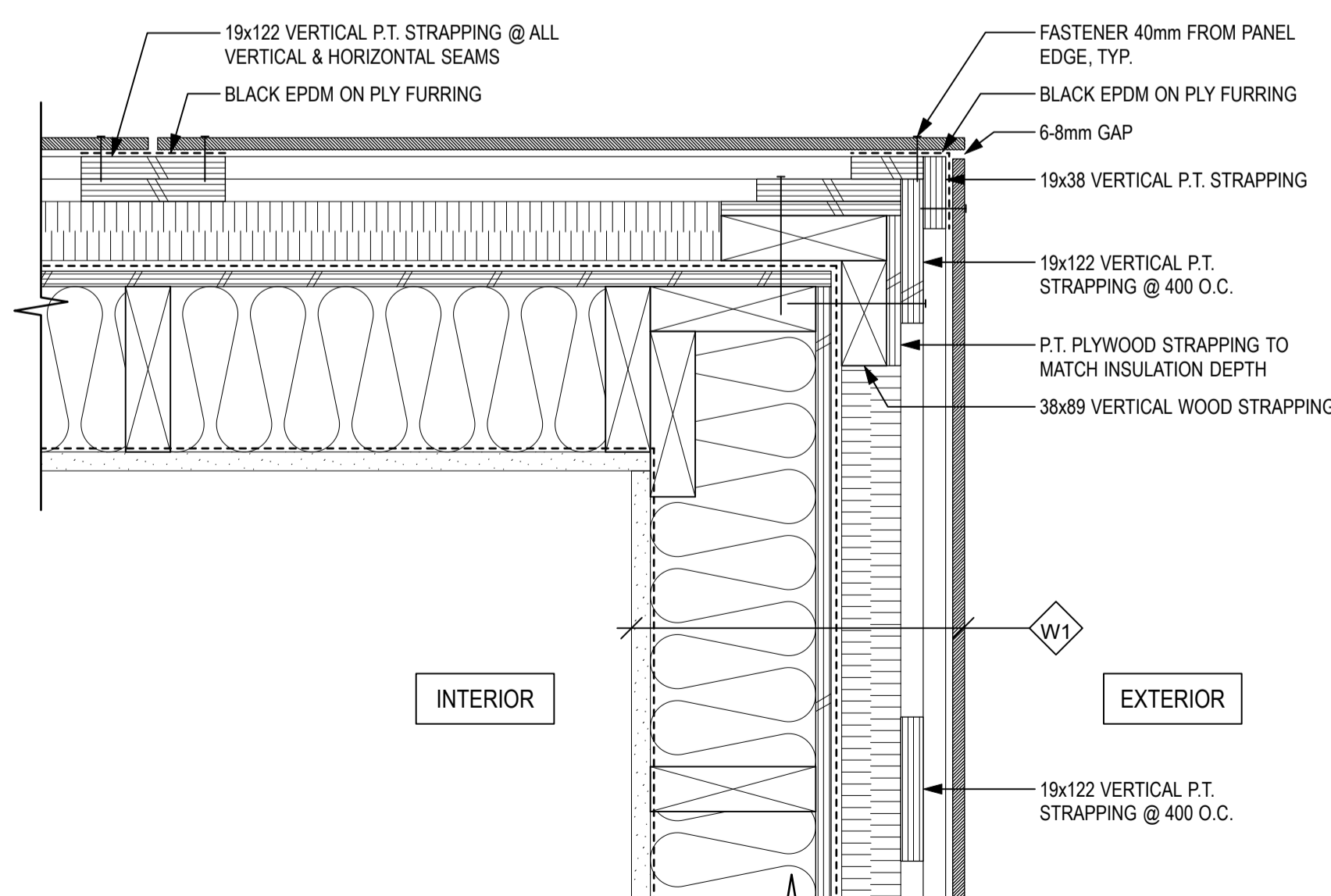
5 DOOR 01 SILL PLAN DETAIL
4.01 SCALE: 1:5



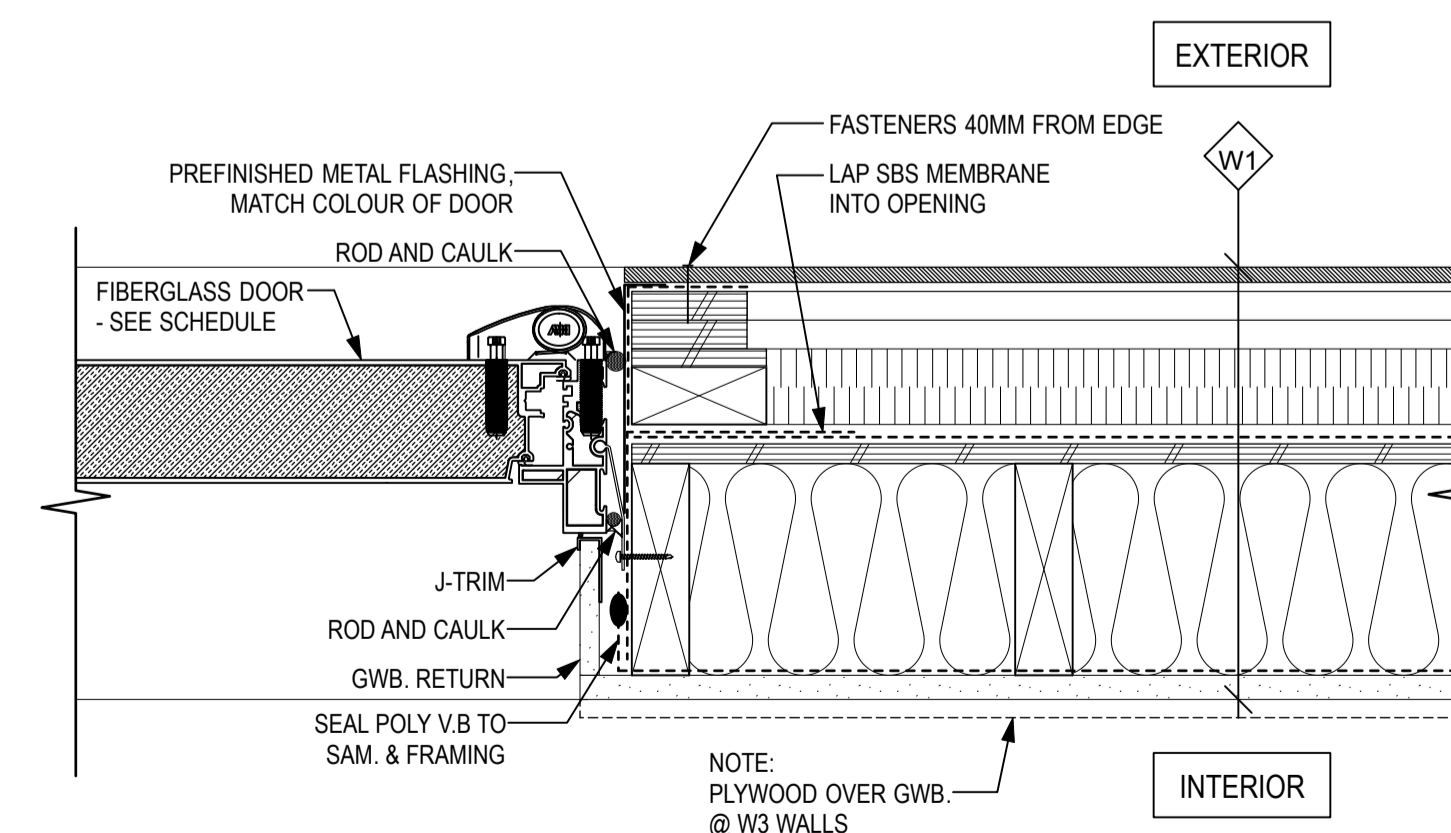
8 W1 & W2 TRANSITION PLAN DETAIL
4.01 SCALE: 1:5



3 BUILDING CORNER W2 PLAN DETAIL
4.01 SCALE: 1:5



6 BUILDING CORNER W1 PLAN DETAIL
4.01 SCALE: 1:5



9 TYP. DOOR JAMB PLAN DETAIL
4.01 SCALE: 1:5



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	2021-06-18
2	100% REVIEW	2020-01-15
1	70% REVIEW	2020-12-18
0	BASE PLANS	2020-12-04

FISHERIES AND OCEANS, REAL PROPERTY, SAFETY AND SECURITY

VANCOUVER, BC
200-401 BURRARD ST.

Project title/Titre du projet

KITSILANO CCG SAR

WORKSHOP RECONSTRUCTION

KITSILANO, VANCOUVER B.C.

Consultant Signature Box Only

Designed by/Concept par

RH/KC

Drawn by/Dessiné par

KC/CM

PWGSC Project Manager/Administrateur de Projets TPSGC

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PWGSC, Regional Manager, Architectural and Engineering Services /
Gestionnaire régionale, Services d'architecture et de génie, TPSGC

PREETIPAL PAUL

Drawing title/Titre du dessin

DETAILS

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La Révision no.

1

OF



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	2021-06-18
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**FISHERIES AND OCEANS,
REAL PROPERTY,
SAFETY AND SECURITY**

**VANCOUVER, BC
200-401 BURRARD ST.**

Project title/Titre du projet
**KITSILANO CCG SAR
WORKSHOP
RECONSTRUCTION**
KITSILANO, VANCOUVER B.C.

Consultant Signature Box Only

Designed by/Concept par
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Drawing no./Dessiné par
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PWGSC Project Manager/Administrateur de Projets TPSGC
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PWGSC, Regional Manager, Architectural and Engineering Services/
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PREETIPAL PAUL

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DETAILS

Project No./No. du projet F521A-210639	Sheet/ Feuille A4.02	Revision no./ La Révision no. 1
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