KFN - SASKATOON GAS STATION

SASKATOON, SASKATCHEWAN

ARCHITECTURAL DRAWING LIST:

SHEET NO:	SHEET NAME:
A0.0	COVER SHEET
A1.0	MASTER SITE PLAN
A1.1	PHASE 1 - SITE PLAN
A1.2	SITE PLAN DETAILS & GARBAGE SCREEN
A1.3	BUILDING CODE & NOTES
A2.0	C-STORE/ CRU MAIN FLOOR PLAN & FOUNDATION
A2.1	C-STORE/ CRU ROOF PLAN & DETAILS
A2.2	C-STORE/ CRU BUILDING SECTION & DETAILS
A2.3	C-STORE/ CRU SECTION DETAILS
A2.4	C-STORE/ CRU SECTION DETAILS
A2.5	C-STORE/ CRU PLAN DETAILS
A2.6	WINDOW INSTALLATION DETAILS
A2.7	BUILDING ELEVATIONS

CIVIL DRAWING LIST:

SHEET NO:	SHEET NAME:
C01	CIVIL

PETROLEUM DRAWING LIST:

SHEET NO:	SHEET NAME:
MD1	MISCELLANEOUS DETAILS
P01	PIPING PLAN
P02	INSTALLATION DETAILS DW FRP U/G TANKS
P03	VENT RACK, ISLAND, & MISCELLANEOUS DETAIL
P05	MONITORING EQUIPMENT & ELECT. DETAILS
P06	BILL OF MATERIALS & GENERAL NOTES
SP1	SITE PLAN

STRUCTURAL DRAWING LIST:

SHEET NO:	SHEET NAME:
S-000	GENERAL NOTES
S-001	GENERAL NOTES
S-002	GENERAL NOTES
S-004	TYPICAL CONCRETE DETAILS
S-100	PILE & MAIN FLOOR LAYOUT PLAN
S-101	ROOF LAYOUT PLAN
S-102	BUILDING ELEVATIONS
S-103	BUILDING ELEVATIONS

MECHANICAL DRAWING LIST:

SHEET NO:	SHEET NAME:
M1	FOUNDATION PLUMBING PLAN, ROOF PLAN, SCHEMATIC & LEGEND
M2	FOUNDATION PLUMBING PLAN & MAIN FLOOR MECHANICAL PLAN
M3	MECHANICAL SPECIFICATIONS & EQUIPMENT SCHEDULES

ELECTRICAL DRAWING LIST:

SHEET NO:	SHEET NAME:
E1	SITE PLAN
E2	FLOOR PLAN
E3	ROOF PLAN
E4	DETAILS
E5	ELECTRICAL SPECIFICATIONS

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COVER SHEET

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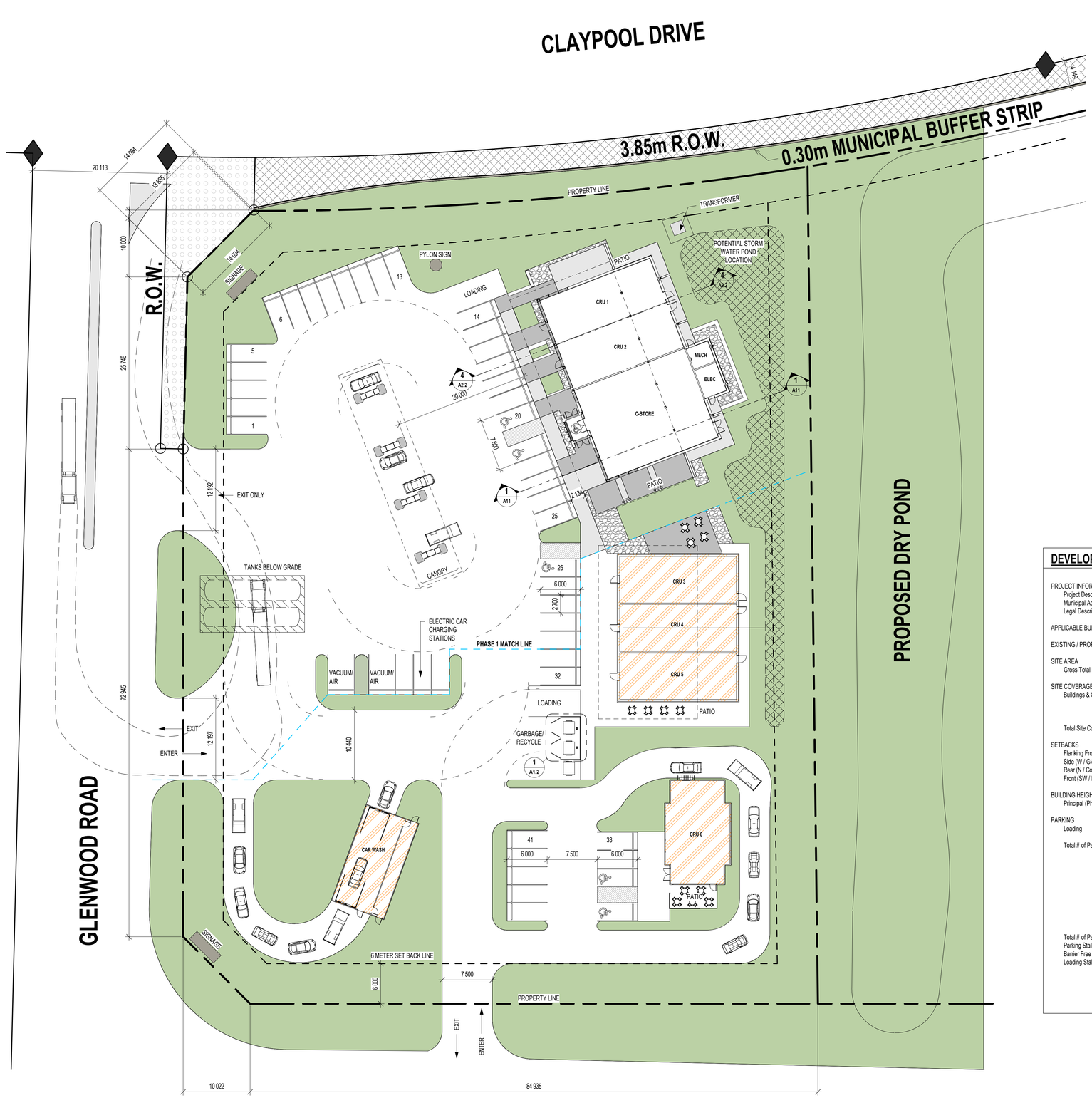

1 / A1.0 **MASTER SITE PLAN**
SCALE: 1 : 300

DEVELOPMENT DATA:

PROJECT INFORMATION	
Project Description	GAS BAR & BUSINESS PARK DEVELOPMENT
Municipal Address	1215 CLAYPOOL DRIVE
Legal Description	BLK/PAR Y-PLAN 101902519 EXT. 1
APPLICABLE BUILDING CODE	2015 NATIONAL BUILDING CODE
EXISTING / PROPOSED ZONING	GENERAL LIGHT INDUSTRIAL DISTRICT (IL1)
SITE AREA	
Gross Total	13.46 ha
SITE COVERAGE	
Buildings & Structures	PHASE I: C-Store/CRU: 584 sqm PHASE 2: Car Wash: 128.815 sqm PHASE 3: 3-CRU's: 397.2 sqm PHASE 4: Drive-Thru CRU: 145.86 sqm
Total Site Coverage	**Total: 1,255.88 sqm**
SETBACKS	
Flanking Front (Claypool)	4.m Landscape Setback
Side (W / Glenwood)	1.5m
Rear (N / Commercial Lot)	N/A
Front (SW / Residential Lot)	N/A
BUILDING HEIGHT	
Principal (Phase I C-Store & CRU)	4.819m (Height Restriction set to 5.0m)
PARKING	
Loading	3 Loading Stalls Provided
Total # of Parking Stalls Required	Phase 1 C-Store & 2-CRU's: 584 SqM / 30 = 20 Stalls Phase 2 Car Wash Phase 3 3-CRU's: 407.3 SqM / 30 = 14 Stalls Phase 4 Standalone Drive-Thru CRU: 145.9 SqM / 30 = 5 Stalls
Total # of Parking Stalls Provided	Total = 39 Required
Parking Stall Size	
Barrier Free Stall Size	Total = 47 Provided
Loading Stall Size	2.7 x 6.0 Meters 5.15 x 6.0 Meters 4.0 x 7.8 Meters

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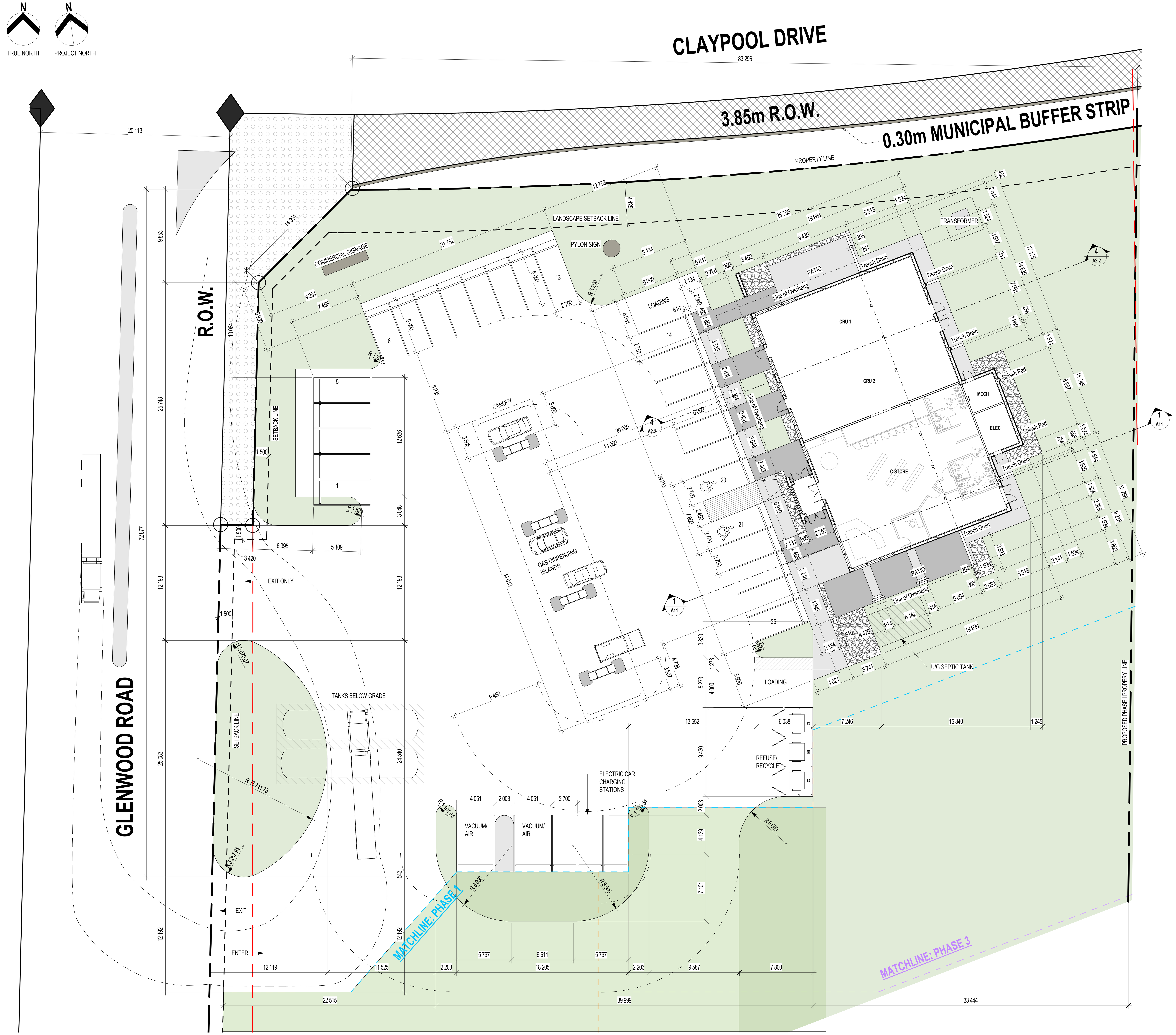
revision no: 1



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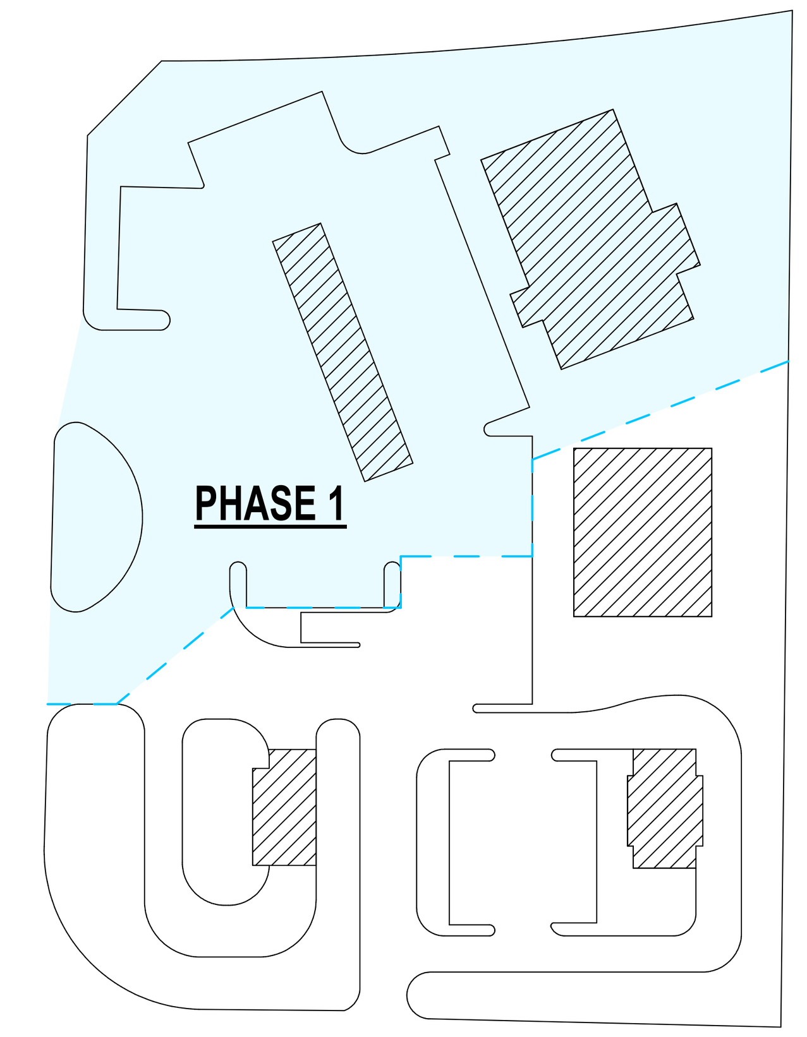
A1.1
PHASE 1 - SITE PLAN
SCALE: 1 : 200



PHASE 1 - KEYPLAN
SCALE: 1 : 1000

SITE LEGEND

- PERENNIAL/SHRUB LANDSCAPING
- 200mm ATHABASCA RIVER ROCK
- TEXTURED CONCRETE SIDEWALK
- CONCRETE SIDEWALK
- HEAVY DUTY ASPHALT

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PHASE 1 - SITE PLAN

drawing no:	revision no:
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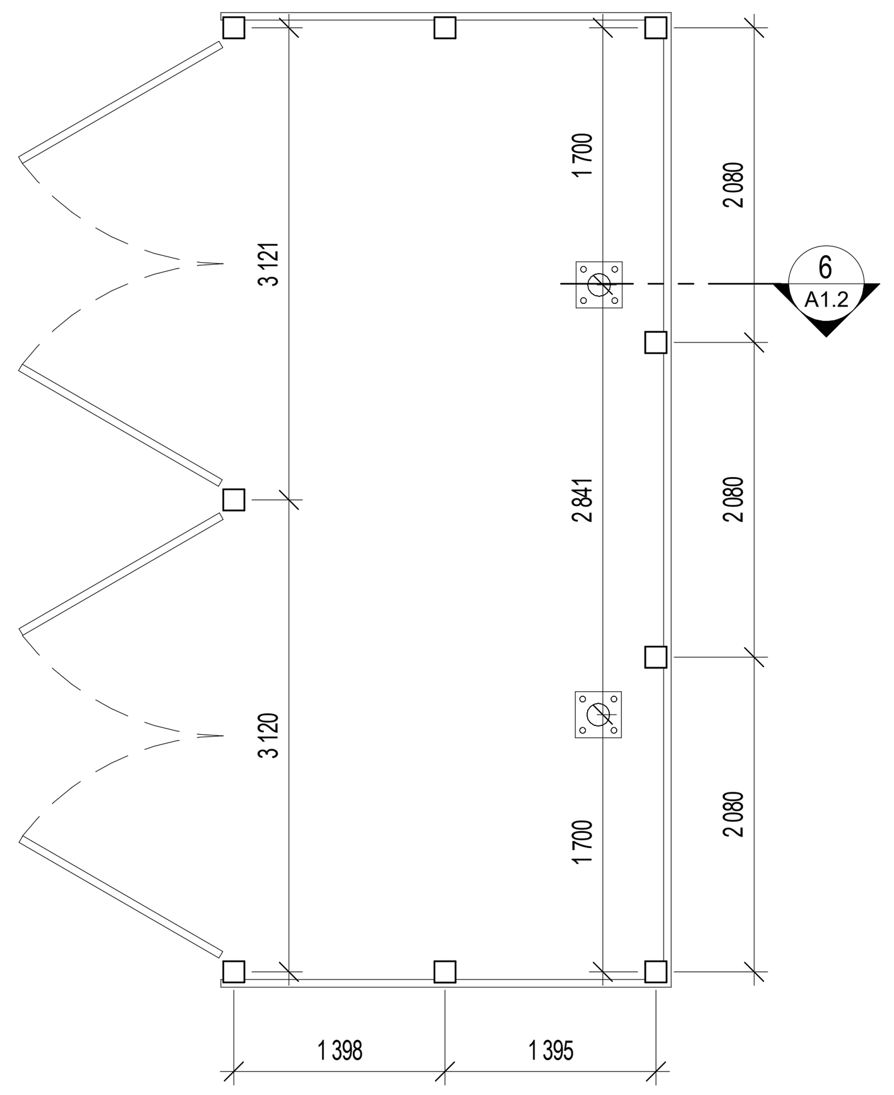
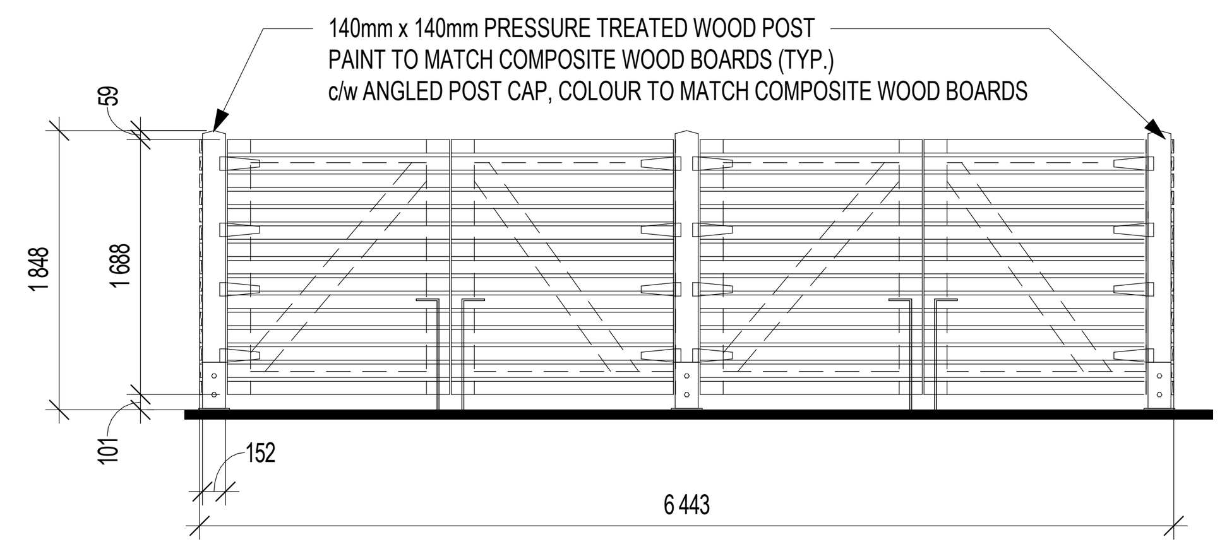
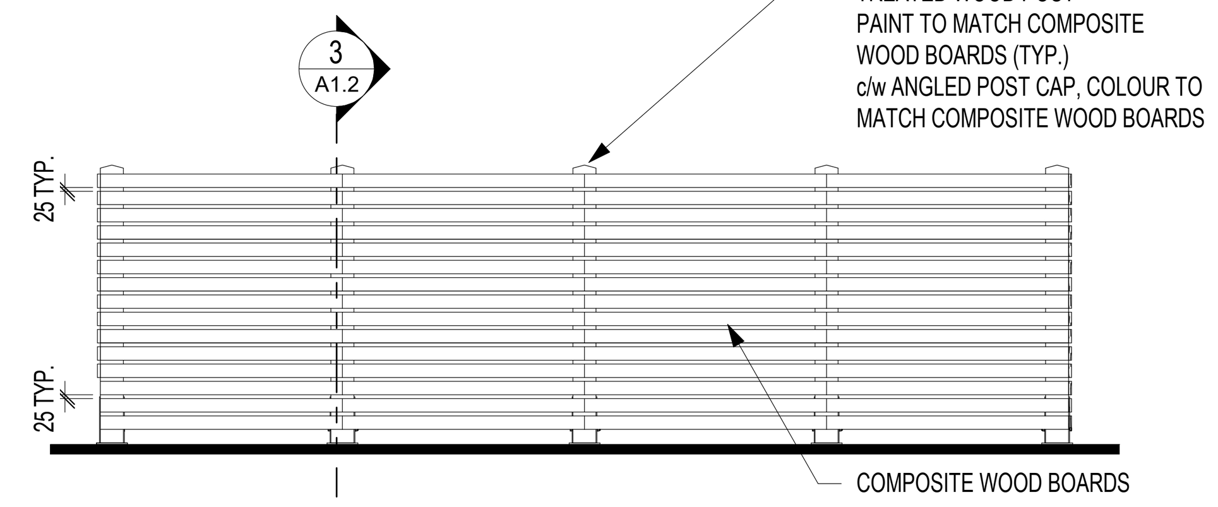


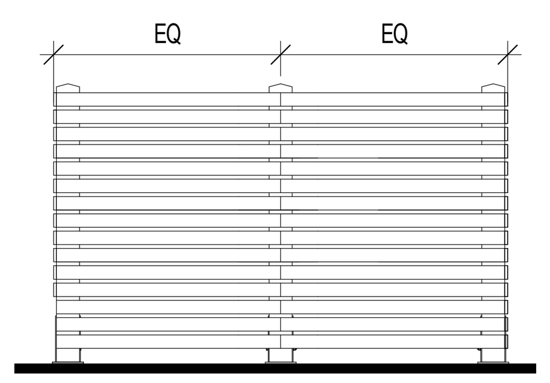
1 A1.2 **GARBAGE ENCLOSURE - PLAN DETAIL**
SCALE: 1 : 50



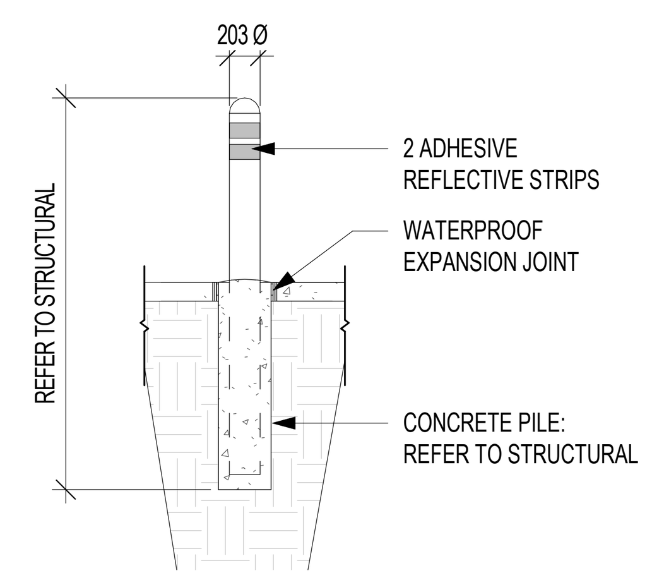
4 A1.2 **GARBAGE ENCLOSURE - FRONT ELEV**
SCALE: 1 : 50



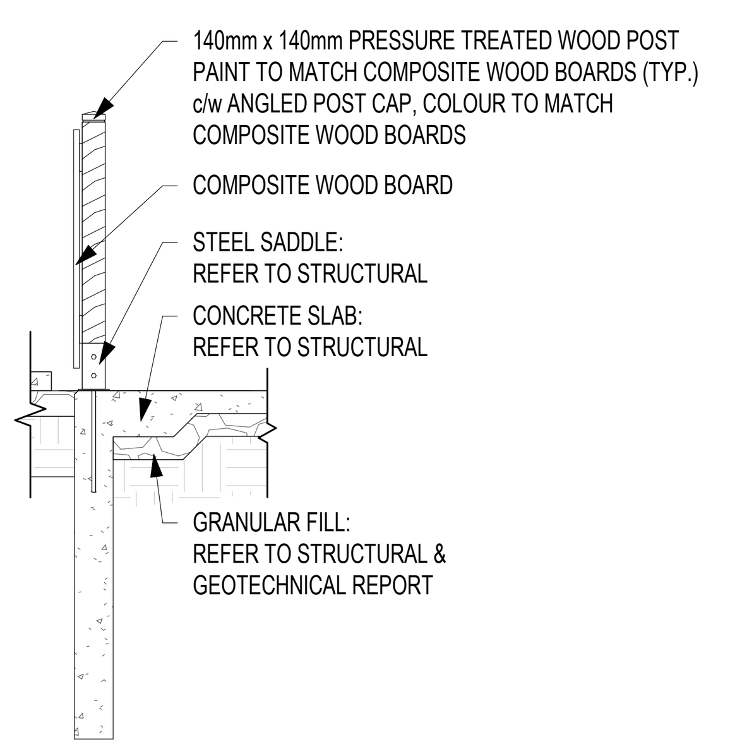
5 A1.2 **GARBAGE ENCLOSURE - REAR ELEV**
SCALE: 1 : 50



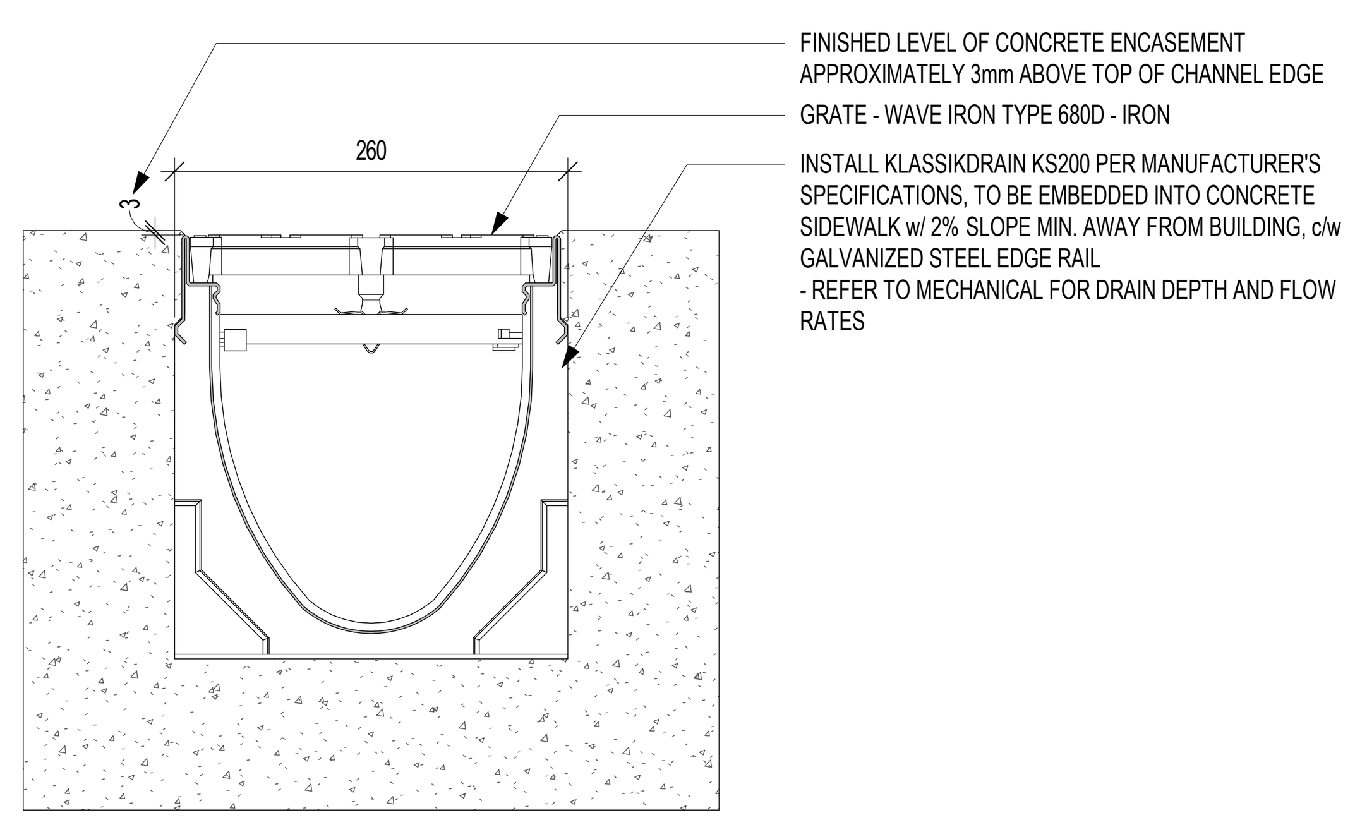
2 A1.2 **GARBAGE ENCLOSURE - SIDE ELEV**
SCALE: 1 : 50



6 A1.2 **GARBAGE ENCLOSURE -BOLLARD DETAIL**
SCALE: 1 : 50



3 A1.2 **GARBAGE ENCLOSURE - SECTION DETAIL**
SCALE: 1 : 50



7 A1.2 **CONCRETE TRENCH DRAIN DETAIL**
SCALE: 1 : 5

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11.10.2020	2020-07

drawing title:
SITE PLAN DETAILS & GARBAGE SCREEN

drawing no:	revision no:
A1.2	1

PROJECT DATA:

BUILDING INFORMATION:
PROJECT DESCRIPTION: COMMERCIAL RETAIL DEVELOPMENT: SINGLE STOREY BUILDING WITH 3 RETAIL BAYS;
• FACING NUMBER OF STREETS: 2 (EXISTING: CLAYPOOL, PROPOSED: GLENWOOD)
• FACING NUMBER OF ACCESS ROUTES: 2

MUNICIPAL ADDRESS: 1215 CLAYPOOL DRIVE
LEGAL DESCRIPTION: BLK/PAR Y-PLAN 101902519 EXT. 1

APPLICABLE BUILDING CODE: 2015 NATIONAL BUILDING CODE

LAND-USE BY-LAW REVIEW:
LAND USE: GENERAL LIGHT INDUSTRIAL DISTRICT (IL1)

SITE AREA: NET DEVELOPMENT AREA: 13.46 ha
PHASE I AREA: 11,906.29 sqm

BUILDING FOOTPRINT: 584 m^2

BUILDING GROSS FLOOR AREA: 584 m^2

PARKING SPACES-PHASE I: 6.3.4. PARKING AND LOADING: RETAIL STORES/SHOPPING CENTRE:
PARKING STALLS REQUIRED: 584 sqm/30sqm = 20 (2 stalls to be Barrier Free)
LOADING REQUIRED: 1

BUILDING CODE REVIEW:

BUILDING CLASSIFICATION: 3.2.2.68. GROUP E UP TO 2 STOREYS
MAJOR OCCUPANCY: * MERCANTILE OCCUPANCY: GROUP E (i.e. RETAIL, FAST FOOD NO SEATING), BUSINESS & PERSONAL SERVICES OCCUPANCY: GROUP D

OCCUPANT LOAD CALCULATIONS - 3.1.17.1

DESCRIPTION	AREA PER PERSON	OCCUPANT LOAD
GROUP E: MERCANTILE (i.e. C-STORE, TAKE-OUT NO SEATING)	3.7 sqm/PERSON	253 sqm/3.7 sqm = 69 persons
GROUP D: PERSONAL SERVICE SHOPS - CRU1 & CRU2	4.6 sqm/PERSON	(123+126) =249 sqm/3.7 sqm = 67 pn
GROUP E: MERCANTILE (i.e. TAKE-OUT NO SEATING - CRU1 or CRU 2)	3.7 sqm/PERSON	(123+126) =249 sqm/3.7 sqm = 67 pn
GROUP A2: ASSEMBLY (i.e. RESTAURANT W/SEATING)	1.2 sqm/PERSON	(123+126) =249 sqm/1.2 sqm = 208 pn
		TOTAL OCCUPANCY: (69 + 208) = 277 pn

FIRE-RESISTANCE RATINGS - 3.1.3.
SEPARATION OF MAJOR OCCUPANCIES - Table 3.1.3.1
** GROUP E/GROUP D: 1 Hours (IF RESTAURANT IN 2-CRU BAYS, TENANT IMPROVEMENT REQUIRES 2 HR FIRE SEPARATION)*

COMBUSTIBLE CONSTRUCTION- 3.1.4
HEAVY TIMBER CONSTRUCTION ALTERNATIVE- 3.1.4.6.
1) If combustible construction is permitted and is not required to have a fire resistive rating more than 45 minutes, heavy timber construction is permitted to be used;
2) Table 3.1.4.7. HEAVY TIMBER CONSTRUCTION
Glulam Columns for Roof Supported Assembly: 130mm (w) x 190mm (d)
Glulam Beams/Girders/Trusses for Roof Supported Assembly: 80mm (w) x 152mm (d)

FIRE-RESISTANCE RATINGS - 3.1.7.
DETERMINATION OF RATINGS - 3.1.7.1.(2)
2) A material, assembly of materials or a structural member is permitted to be assigned a fire-resistance rating on the basis of Appendix D.

FIRE SEPARATIONS AND CLOSURES - 3.1.8.
COMBUSTIBLE CONSTRUCTION SUPPORT - 3.1.8.2.
1) Combustible construction that abuts on or is supported by a noncombustible fire separation shall be constructed so that its collapse under fire conditions will not cause the collapse of the fire separation.
CONTINUITY OF FIRE SEPARATIONS - Appendix A, A-3.1.8.3.(4)
4) The continuity of a fire separation where it abuts against another fire separation, a floor, a ceiling or an exterior wall assembly is maintained by filling all openings at the juncture of the assemblies with a material that will ensure the integrity of the fire separation at that location.
DETERMINATION OF RATINGS AND CLASSIFICATIONS - 3.1.8.4.
2) Except as permitted by Sentence 3.1.8.12.(1), the fire-protection rating of a closure shall conform to Table 3.1.8.4. for the required fire-resistance rating of the fire separation. -Therefore, 45 min and 1 h assemblies shall have 45 min closures, and 2 h assemblies shall have 1.5 h closures.
MAXIMUM OPENINGS - 3.1.8.6.
1) The size of an opening in an interior fire sepation required to be protected with a closure shall not be more than 11 sqm with no dim > 3.7m.
FIRE DAMPERS - 3.1.8.7.
1) Except as permitted by Article 3.1.8.8, a duct that penetrates an assembly required to be a fire separation shall be equipped with a fire damper.
FIRE DAMPERS WAIVED - 3.1.8.8.
1) The requirement for fire dampers stated in Sentence 3.1.8.7.(1) is permitted to be waived for
a) ducts that serve commercial cooking equipment (see also Article 6.3.1.7.).
HOLD-OPEN DEVICES - 3.1.8.14.
1) Except as provided in Sentences 3.1.8.10.(2) and 3.1.8.11.(3), a hold-open device is permitted to be used on a closure in a required fire separation, other than on an exit stair door in a building more than 3 storeys in building height and on a door for a vestibule required by Article 3.3.5.7., provided the device is designed to release the closure in conformance with this Article.
TEMPERATURE RISE LIMIT FOR DOORS - 3.1.8.17.
1) The maximum temperature rise on the opaque portion of the unexposed side of a door used as a closure in a fire separation in a location shown in Table 3.1.8.17. shall conform to the Table when tested in conformance with Sentence 3.1.8.4.(1).

BUILDING FIRE SAFETY - 3.2
BUILDING SIZE AND CONSTRUCTION RELATIVE TO OCCUPANCY - 3.2.2.
AUTOMATIC SPRINKLER SYSTEM REQUIRED - 3.2.2.18.
1) An automatic sprinkler system conforming to the requirements of Articles 3.2.4.7., 3.2.4.8., 3.2.4.9. and 3.2.5.12. shall be installed throughout a building regulated by 3.2.2.50.

BUILDING SIZE AND CONSTRUCTION
3.2.2.68 GROUP E, UP TO 2 STOREYS
1) Is permitted to conform to Sentence (2) provided:
a) It is not more than 2 storeys in Building Height, and
b) It has a building area not more than the value in Table 3.2.2.68:
**MAXIMUM 1,250* sq.m *FACING 2 STREETS;*
**584* sq.m< *1,250* sq.m
2) The building is permitted to be of combustible or non-combustible construction, used singly or in combination, and
a) Floor assemblies shall be fire-separation, and if of combustible construction, shall have a fire-resistance rating not less than 45 minutes, and
b) Loadbearing walls, columns and arches shall have a fire-resistance rating not less than that required for the supported assembly

3.2.3 SPATIAL SEPARATION AND EXPOSURE PROTECTION - NOT SPRINKLERED

UNPROTECTED OPENINGS LIMITS FOR BUILDING - CALCULATIONS BASED ON TABLE 3.2.3.1.B:
North Face:
- Exposed Area: 91 sq.m.
- Limiting Distance: 34 m (Face to Centre of Roadway)
- Unprotected Openings Allowed: 100%

South Face: N/A

West Face:
- Exposed Area: 142 sq.m.
- Limiting Distance: 66 m (Face to Centre of Roadway)
- Unprotected Openings Allowed: 100%

East Face: N/A

MINIMUM CONSTRUCTION REQUIREMENTS FOR EXPOSING BUILDING NORTH, SOUTH, EAST AND WEST FACES - CALCULATIONS BASED ON TABLE 3.2.3.7.:
- Occupancy Classification: Group E
- North, West, South & East Face
- Maximum Area of Unprotected Openings Permitted: > 100
- Minimum Required Fire Resistance Rating: None required
- Type of Construction Required: Combustible or Non-combustible
- Type of Cladding Required: Combustible or Non-combustible

FIRE ALARM AND DETECTION SYSTEMS - 3.2.4.
DETERMINATION OF REQUIREMENT FOR A FIRE ALARM SYSTEM - 3.2.4.1.
4) Fire alarm system shall be installed in a building that is not sprinklered throughout and that contains
d) a total occupant load of more than 300, other than open air seating areas
g) a licenced beverage establishment or a restaurant, with an occupant load more than 150;
** Total occupant load is <300. CRU 1 & CRU 2 combined @ 138 is <150. Therefore no fire alarm system is required.*

PROVISIONS FOR FIRE FIGHTING - 3.2.5
ACCESS ROUTES - 3.2.5.4.(1)(a)
- A building which is more than 3 storeys in building height or more than 600 sqm. shall be provided with access routes for fire department vehicles to the building face having a principal entrance.
LOCATION OF ACCESS ROUTES - 3.2.5.5.
1) Access routes required by Article 3.2.5.4. shall be located so that the principal entrance are located not less than 3 m and not more than 15 m from the closest portion of the access route required for fire department use, measured horizontally from the face of the building.
2) Access routes shall be provided to a building so that
a) for a building provided with a fire department connection, a fire department pumper vehicle can be located adjacent to the hydrants referred to in Article 3.2.5.15., and
c) the unobstructed path of travel for the firefighter from the vehicle to the building is not more than 45 m.
3) The unobstructed path of travel for the firefighter required by Sentence (2) from the vehicle to the building shall be measured from the vehicle to the fire department connection provided for the building.
ACCESS ROUTE DESIGN - 3.2.5.6.
1) A portion of a roadway or yard provided as a required access route for fire department use shall
a) have a clear width not less than 6 m, unless it can be shown that lesser widths are satisfactory,
b) have a centre-line radius not less than 12 m,
c) have an overhead clearance not less than 5 m,
d) have a change of gradient not more than 1 in 12.5 over a minimum distance of 15 m,
e) be designed to support the expected loads imposed by firefighting equipment and be surfaced with concrete, asphalt or other material designed to permit accessibility under all climatic conditions,
f) have turnaround facilities for any dead-end portion of the access route more than 90 m long, and
g) be connected with a public thoroughfare.
PORTABLE FIRE EXTINGUISHERS - 3.2.5.16. (1)
1) Portable fire extinguishers shall be provided and installed in conformance with the NFC(AE).

LIGHTING AND EMERGENCY POWER SYSTEMS - 3.2.7
MINIMUM LIGHTING REQUIREMENTS - 3.2.7.1. (1)(2)
An exit, a public corridor, or a corridor providing access to exit for the public shall be equipped to provide illumination to an average level not less than 50 lx at floor level, but not less than 10 lx
EMERGENCY LIGHTING - 3.2.7.3. (1)
Emergency lighting to be provided at:
· exits,
· principal routes providing access to exit in open floor area and in service rooms,
· corridors used by public / public corridors / serving sleeping rooms in a care occupancy
· food preparation areas in commercial kitchen
EMERGENCY POWER FOR LIGHTING - 3.2.7.4.
1) An emergency power supply shall be
a) provided to maintain emergency lighting required from a power source such as batteries or generators that will continue to supply power in the event that the regular power supply to the building is interrupted,
b) And so designed, that upon failure of regular power it will assume the electrical load automatically for a period of
i) 2 h for a building within the scope of Subsection 3.2.6.,
2) If self-contained emergency lighting units are used, they shall conform to CSA C22.2 No. 141, "Emergency Lighting Equipment"
EMERGENCY POWER FOR FIRE ALARM SYSTEMS - 3.2.7.8.
3) The emergency power supply shall be capable of providing:
a) Supervisory power for not less than 24 h, and
b) Immediately following that period, emergency power under full load for not less than
i) 2 h for a *building* within the scope of Subsection 3.2.6.,
4) The emergency power supply shall be designed so that, in the event of failure of the normal power source, there is an immediate automatic transfer to emergency power with no loss of information.

SAFETY WITHIN FLOOR AREAS - 3.3.
PUBLIC CORRIDOR SEPARATIONS - 3.3.1.4.
1) A public corridor shall be separated from the remainder of the storey by a fire separation.
2) The fire separation between a public corridor and the remainder of the storey shall have a fire-resistance rating not less than 45min.
EGRESS DOORWAYS - 3.3.1.5.
1) Except for dwelling units, a minimum of 2 egress doorways located so that one doorway could provide egress from the room or suite as required by Article 3.3.1.3. if the other doorway becomes inaccessible to the occupants due to a fire which originates in the room or suite, shall be provided for every room and every suite
b) intended for an occupant load more than 60, and
c) in a floor area that is not sprinklered throughout, and
i) the area of a rom or suite is more than Table 3.3.1.5.A. or,
ii) the travel distance within the room or suite to the nearest egress doorway is more than the value in Table 3.3.1.5.A.
* GROUP A: MAX. AREA OF ROOM: 150 sq.m; MAX. EGRESS DISTANCE: 15m: *2 Exits Provided;*
* GROUP E: MAX. AREA OF ROOM: 150 sq.m; MAX. EGRESS DISTANCE: 15m: *2 Exits Provided;*
CORRIDORS - 3.3.1.9.
1) The minimum width of a public corridor shall be 1100 mm.
DOOR SWING - 3.3.1.11.
1) A door that opens into a corridor or other facility providing access to exit from a suite or room not located within a suite shall swing on a vertical axis.
2) A door that opens into a corridor or other facility providing access to exit from a room or suite that is used or intended for an occupant load more than 60 shall swing in the direction of travel to the exit.
3) Every door that divides a corridor that is not wholly contained within a suite shall swing on a vertical axis in the direction of travel to the exit.
4) If a pair of doors is installed in a corridor that provides access to exit in both directions, the doors shall swing in opposite directions, with the door on the right hand side swinging in the direction of travel to the exit.

EXITS - 3.4.
TYPES OF EXITS - 3.4.1.4 (1)
An exit from any floor area shall be one of the following, used singly or in combination:
- An exterior doorway
- An Interior passageway
- An Interior stairway
- A horizontal exit
RESTRICTED USE OF HORIZONTAL EXITS - 3.4.1.6.
1) Horizontal exits shall not comprise more than one half of the required number of exits from any floor area.

NUMBER AND LOCATION OF EXITS FROM FLOOR AREAS - 3.4.2.
MINIMUM NUMBER OF EXITS - 3.4.2.1.
1) Every floor area intended for occupancy shall be served by at least 2 exits.
TRAVEL DISTANCE - 3.4.2.4.
2) Travel distance from a suite or a room is permitted to be measured from an egress door of the room or suite to the nearest exit, provided,
a) The suite or room is separated from the remainder of the floor area by a fire separation
i) having a fire resistance rating not less than 45 minutes in a floor area that is not sprinklered throughout
b) the egress door opens onto
i) an exterior passageway;
iii) a public corridor that is separated from the remainder of the floor area in conformance with Article 3.3.1.4.
LOCATION OF EXITS - 3.4.2.5.
1) If more than one exit is required from a floor area, the exits shall be located so that the travel distance to at least one exit shall be not more than:
c) 40m in a Business and Personal Services occupancy;
f) 30m in any other floor area;
3) Exits shall be located and arranged so that they are clearly visible or their locations are clearly indicated and they are accessible all the times.
PRINCIPLE ENTRANCES - 3.4.2.6.
1) For the purposes of this Section, at least one door at every principal entrance to a building providing access from the exterior at ground level shall be designed in accordance with the requirements for exits.

WIDTH AND HEIGHT OF EXITS - 3.4.3.
EXIT WIDTH – DOORWAYS - 3.4.3.2.
1) The minimum widths of exits shall conform to Table 3.4.3.2.A:
- Exit Corridors, Stairs and Ramps = 1100mm
- Doorways = 800 mm
EXIT WIDTH REDUCTION - 3.4.3.3.
2) Swinging doors in their swing shall not reduce the required width of exit stairs or landings to less than 750 mm or reduce the width of an exit passageway to less than the minimum required width.
3) Doors, when open, do not diminish nor obstruct the required width of an exit.
4) Handrails and construction below handrails, including handrail supports and stair stringers, shall not project more than 100 mm into the required width of a means of egress.
HEADROOM CLEARANCE - 3.4.3.4.
1) Except as permitted by Sentences (4) and (5), every exit shall have a clear height over the clear width of the exit of not less than 2 050 mm.
4) Except as permitted by Sentence (5), the headroom clearance for doorways shall be not less than 2 030 mm.
5) No door closer or other device shall be installed so as to reduce the headroom clearance of a doorway to less than 1 980 mm.

FIRE SEPARATION OF EXITS - 3.4.4.
FIRE RESISTANCE RATING OF EXIT SEPARATIONS - 3.4.4.1.
1) Every exit shall be separated from the remainder of the building by a fire separation having a fire resistance rating not less than that required by Subsection 3.2.2. but not less than 45 min. -Therefore, 1 hour.

EXIT SIGNS - 3.4.5.1.
1) Every exit door shall have an exit sign placed over or adjacent to it if the exit serves
a) A building more than 2 storeys in building height.
2) Every exit sign shall
a) be visible on approach to exit
b) consist of a green and white or lightly tinted graphical symbol meeting the colour specifications referred to in ISO 3864-1, "Graphical symbols – Safety colours and safety signs – Part 1: Design principles for safety signs and safety markings," and
c) conform to ISO 7010, "Graphical symbols – Safety colours and safety signs – Registered safety signs"

TYPES OF EXIT FACILITIES - 3.4.6.
DIRECTION OF DOOR SWING - 3.4.6.12.
1) Except for doors serving a single dwelling unit, every exit door shall
a) open in direction of exit travel and
b) swing on its vertical axis.

3.4.6.16 DOOR RELEASE HARDWARE
2) IF A DOOR IS WITH A LATCHING MECHANISM, A DEVICE THAT WILL RELEASE THE LATCH AND ALLOW THE DOOR TO SWING WIDE OPEN WHEN A FORCE OF NOT MORE THAN 90 N IS APPLIED TO THE DEVICE IN THE DIRECTION OF TRAVEL TO THE EXIT SHALL BE INSTALLED ON
a) EVERY EXIT DOOR FROM A FLOOR AREA CONTAINING AN ASSEMBLY OCCUPANCY HAVING AN OCCUPANT LOAD MORE THAN 100

SERVICE FACILITIES - 3.6. **SERVICE ROOMS** - 3.6.2.
FIRE SEPARATIONS AROUND SERVICE ROOMS - 3.6.2.1.
1) Except as permitted by Sentences (2), (8), (9) and (10), fuel-fired appliances shall be installed in service rooms separated from the remainder of the building by fire separations having a fire-resistance rating not less than 1 h.
6) Electrical equipment that is required to be located in a service room according to the electrical regulations made pursuant to the Safety Codes Act shall be installed in a service room separated from the remainder of the building by a fire separation having a fire-resistance rating not less than 1 h.
8) Where a service room contains a limited quantity of service equipment, and the service equipment neither constitutes a fire hazard nor is essential to the operation of fire safety systems in the building, the requirements for a fire separation shall not apply.

APPLICATION - 3.8.2.
EXCEPTIONS - 3.8.2.1.
1) The requirements of this Section apply to all buildings
ENTRANCES - 3.8.2.2.
3) A barrier-free entrance shall be designed in accordance with Subsection 3.8.3.

DESIGN REQUIREMENTS - 3.8.3.
APPLICATION - 3.8.3.1.(1)(a)
Buildings or parts thereof and facilities that are required to be accessible shall be designed in accordance with this Subsection.
BARRIER-FREE PATH OF TRAVEL - 3.8.3.2.
1) Except as required elsewhere in this Part or as permitted by Article 3.8.3.6. pertaining to doorways, the unobstructed width of a *barrier-free* path of travel shall be not less than 920 mm.
2) Interior and exterior walking surfaces that are within an accessible path of travel shall
a) have no opening that will permit the passage of a sphere more than 13 mm in diameter,
b) have any elongated openings oriented approximately perpendicular to the direction of travel,
c) be stable, firm and slip-resistant, and
d) have a cross slope no steeper than 1 in 50.
DOORWAYS AND DOORS - 3.8.3.6.
2) Every doorway that is located in an accessible path of travel shall have a clear width not less than 850 mm.
4) Door-operating devices shall be graspable and operable
a) in accordance with Clause 3.8.3.8.(1)(b), and b) be operable at a height between 900 mm and 1 100 mm above the floor.
11) Unless equipped with a power door operator complying with Sentence (6), a swinging door in a *barrier-free* path of travel shall have a clear space on the latch side extending the height of the doorway and not less than
a) 600 mm beyond the edge of the door opening if the door swings toward the approach side, and
b) 300 mm beyond the edge of the door opening if the door swings away from the approach side.
12) A vestibule located in a *barrier-free* path of travel shall be arranged to allow the movement of wheelchairs between doors and shall provide a distance between 2 doors in series of not less than 1 200 mm plus the width of any door that swings into the space in the path of travel from one door to another.

REQUIRED RESISTANCE TO AIR LEAKAGE - 5.4.1.1.(1)(e)
Where a building component or assembly separates interior conditioned space from the ground, the properties and position of the materials in those components or assemblies shall be such that they control air leakage or permit venting to the exterior, so as to minimize ingress of airborne radon from the ground with an aim to controlling the indoor radon concentration to an acceptable level.

SOIL GAS CONTROL - 9.13.4.

PROTECTION FROM SOIL GAS INGRESS - 9.13.4.2.(2)
Unless the space between the air barrier system and the ground is designed to be accessible for the future installation of a subfloor depressurization system, buildings containing residential occupancies shall be provided with the rough-in for a subfloor depressurization system conforming to Article 9.13.4.3.

PROVIDING FOR THE ROUGH-IN FOR A SUBFLOOR DEPRESSURIZATION SYSTEM - 9.13.4.3.
1) Floor-on-ground shall be provided with a rough-in for subfloor depressurization consisting of a gas-permeable layer and a radon vent pipe.
a) a gas-permeable layer, an inlet and an outlet as described in Sentence (2),or
b) clean granular material and a pipe as described in Sentence (3).
2) The rough-in referred to in Clause (1)(a) shall include
a) a gas-permeable layer installed in the space between the air barrier and the ground to allow the depressurization of that space,
b) an inlet that allows for the effective depressurization of the gas-permeable layer (see A-9.13.4.3.(2)(b) and (3)(b)(i) in Appendix A), and
c) an outlet in the *conditioned space* that
i) permits connection to depressurization equipment,
ii) is sealed to maintain the integrity of the *air barrier system*, and
iii) is clearly labelled to indicate that it is intended only for the removal of radon from below the floor-on-ground.
3) The rough-in referred to in Clause (1)(b) shall include
a) clean granular material installed below the floor-on-ground in accordance with Sentence 9.16.2.1.(1), and
b) a pipe not less than 100 mm in diameter installed through the floor, such that
i) its bottom end opens into the granular layer required Clause (a) at or near the centre of the floor and not less than 100 mm of granular material projects beyond the terminus of the pipe measured along its axis (see A-9.13.4.3.(2)(b) and (3)(b)(i) in Appendix A),
ii) its top end permits connection to depressurization equipment and is provided with an airtight cap, and
iii) the pipe is clearly labelled near the cap and, if applicable, every 1.8 m and at every change in direction to indicate that it is intended only for removal of radon from below the floor-on-ground.

GENERAL NOTES

ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITION OF THE ALBERTA BUILDING CODE, THE NATIONAL FIRE CODE, THE OCCUPATIONAL HEALTH & SAFETY ACT, AND ANY OTHER AUTHORITIES HAVING JURISDICTION.

THESE DRAWINGS & SPECIFICATIONS SHALL BE READ IN CONJUNCTION WITH THE NOTES ON THE DRAWINGS. ARCHITECTURAL & INTERIOR DESIGN DRAWINGS SHALL BE READ IN CONJUNCTION WITH DRAWINGS BY ELECTRICAL, MECHANICAL AND STRUCTURAL ENGINEERING CONSULTANTS.

REPORT ALL DISCREPANCIES BETWEEN MECHANICAL,ELECTRICAL AND STRUCTURAL AND THE ARCHITECTS DRAWINGS TO THE DESIGN CONSULTANT PRIOR TO PROCEEDING WITH WORK.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, EXISTING AND NEW CONDITIONS AND REPORT ALL DISCREPANCIES, OMISSIONS OR ERRORS TO THE DESIGNER, PRIOR TO CONSTRUCTION.

ALL SUBCONTRACTORS MUST FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS PRIOR TO SUBMITTING THEIR QUOTATION, AND OTHERWISE OBTAIN FOR THEMSELVES ANY INFORMATION REQUIRED TO SUBMIT A FIRM QUOTATION.

ALL NEW MATERIALS AND EQUIPMENT SHALL BE INSTALLED AS PER MANUFACTURER'S WRITTEN SPECIFICATIONS.

ALL MATERIALS SUPPLIED AND INSTALLED MUST MEET SMOKE/FLAME SPREAD RATINGS AS SPECIFIED IN THE BUILDING CODE.

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Do not scale drawings.

Verify all dimensions on site and report all errors and omissions to the Architect. Comply with all Codes and Regulations applicable to the performance of the work.

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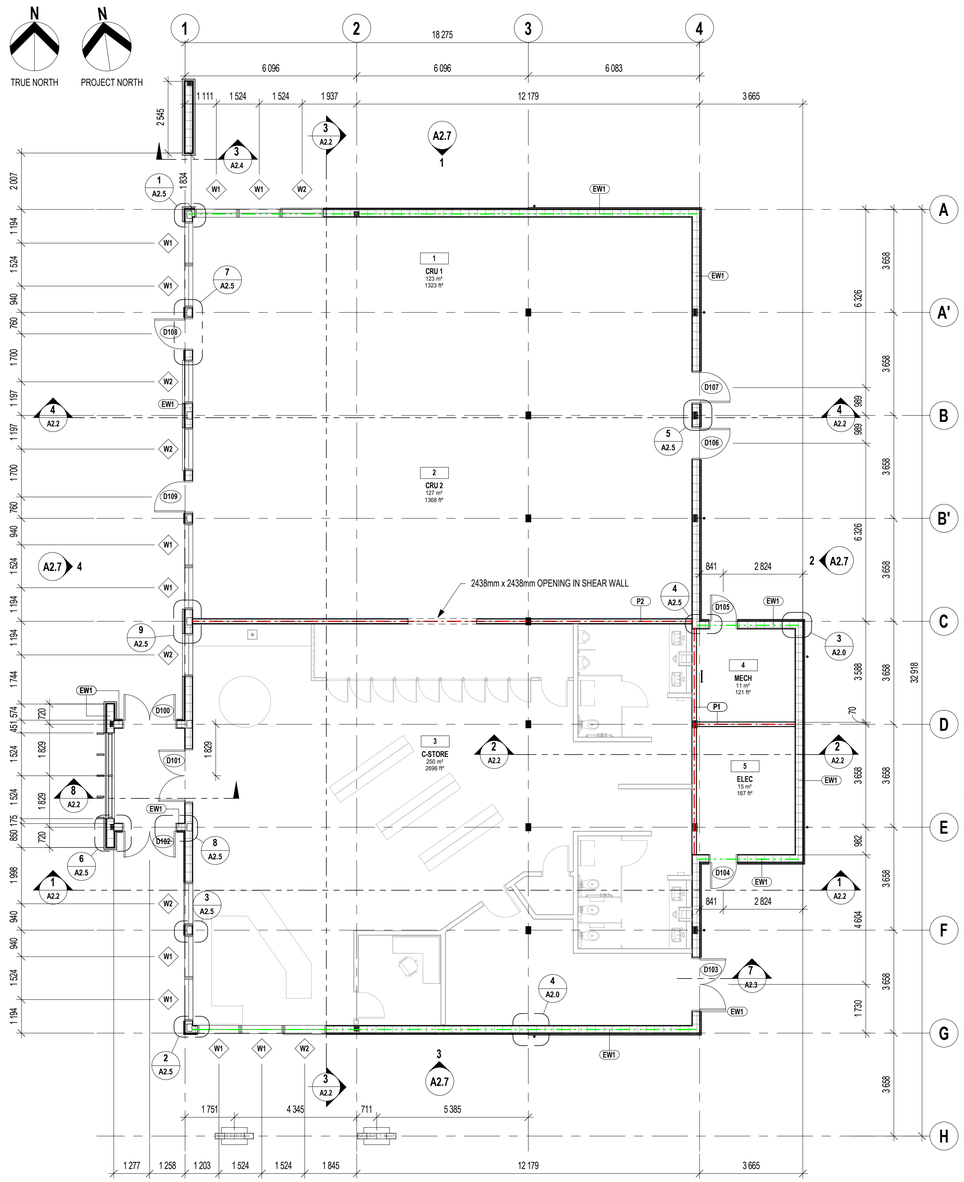
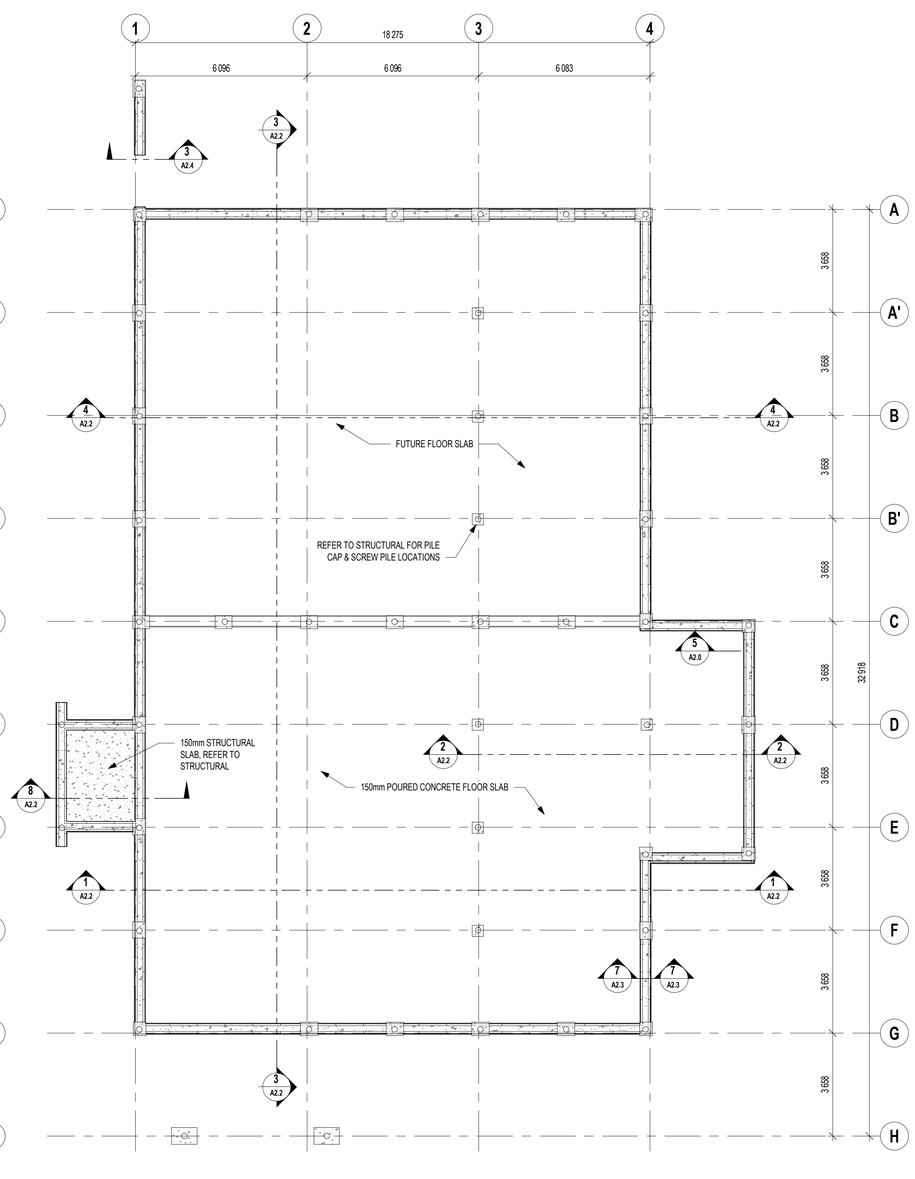
drawing no: A1.3

revision no: 1





WALL ASSEMBLIES

TYPE MARK	FIRE RATING	ULC, STC	ASSEMBLY COMPOSITION
EW1	1HR.	R-VALUE 36.8	- EXTERIOR FINISH, REFER TO ELEVATIONS - 19x38mm HORIZONTAL WIDE PRESSURE-TREATED FURRING STRIPS @ 400mm O.C., PROVIDING 19mm AIR SPACE, FOR VERTICAL PANELS ONLY, REFER TO ELEVATIONS - 19x38mm VERTICAL WIDE PRESSURE-TREATED FURRING STRIPS @ 400mm O.C., PROVIDING 19mm AIR SPACE - COMMERCIAL BUILDING WRAP - 15.9mm TYPE "C" EXTERIOR GRADE GYPSUM WALL BOARD - 11.1mm OBS PLYWOOD - 238mm EPS INSULATION - 11.1mm OBS PLYWOOD - 15.9mm TYPE "X" GYPSUM WALL BOARD
FW1			FOUNDATION WALLS: - 50.8mm RIGID INSULATION - 203mm CAST IN PLACE CONCRETE - 50.8mm RIGID INSULATION - SELF-ADHERING MEMBRANE APPLIED TO FACE OF RIGID INSULATION @ EXTERIOR FACE OF PERIMETER WALLS -TROWEL-APPLIED PARGE COAT TO EXTEND 305mm BELOW GRADE
P1	45MIN.	STC 51, R-VALUE #	- 15.9mm TYPE "X" GYPSUM WALL BOARD - 38x140mm WOOD STUDS SPACED @ 400mm O.C. - 140mm THICK ABSORPTIVE MATERIAL - 15.9mm TYPE "X" GYPSUM WALL BOARD ON RESILIENT METAL CHANNEL SIDE
P2	45MIN.	STC 36,	- 15.9mm TYPE "X" GYPSUM WALL BOARD - 12.7mm PLYWOOD SHEATHING - 38x140mm WOOD STUDS SPACED @ 400mm O.C. - 140mm THICK ABSORPTIVE MATERIAL - 12.7mm PLYWOOD SHEATHING - 15.9mm TYPE "X" GYPSUM WALL BOARD
PA1	-		- EXTERIOR FINISH, REFER TO ELEVATIONS - PEEL & STICK VAPOUR PERMEABLE BARRIER - 15.9mm TYPE "X" EXTERIOR GRADE GYPSUM WALL BOARD - 15.9mm PLYWOOD SHEATHING - 38x89mm WOOD STUDS SPACED @ 400mm OR 600mm O.C. - 89mm THICK ABSORPTIVE MATERIAL - 6mil POLY VAPOUR BARRIER - 15.9mm PLYWOOD SHEATHING - SBS ROOF MEMBRANE

ROOF ASSEMBLIES

TYPE MARK	ULC, STC	ASSEMBLY COMPOSITION
R1	R-VALUE 36.8	- 2 PLY SBS ROOFING MEMBRANE - 19mm PROTECTION BOARD - 11.1mm OBS PLYWOOD - 238mm EPS INSULATION - 11.1mm OBS PLYWOOD - 15.9mm TYPE 'X' GYPSUM WALL BOARD

FLOOR ASSEMBLIES

TYPE MARK	ASSEMBLY COMPOSITION
F1	- 152mm CONCRETE SLAB - 10mil POLY VAPOUR BARRIER - 50.8mm HIGH DENSITY INSULATION, R-7.5 MIN., FIRST 1200mm FROM EXTERIOR FOUNDATION WALL - 152mm GRANULAR AGGREGATE

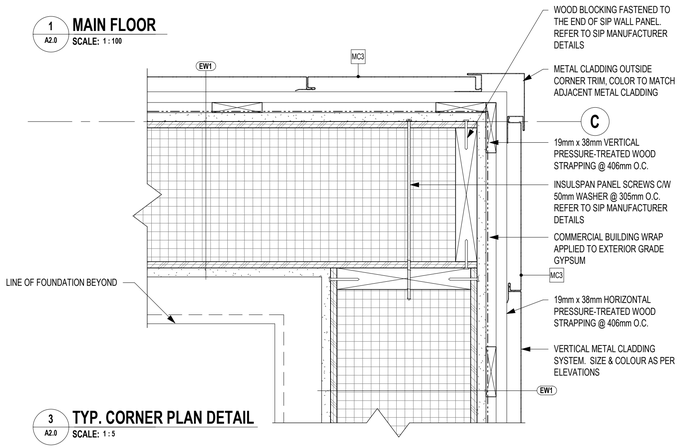
FIRE RATING LEGEND:

45 MINUTE FIRE RESISTANCE RATING:

1 HOUR FIRE RESISTANCE RATING:

1 / A2.0 MAIN FLOOR
SCALE: 1 : 100

2 / A2.0 FOUNDATION PLAN
SCALE: 1 : 100



3 / A2.0 TYP. CORNER PLAN DETAIL
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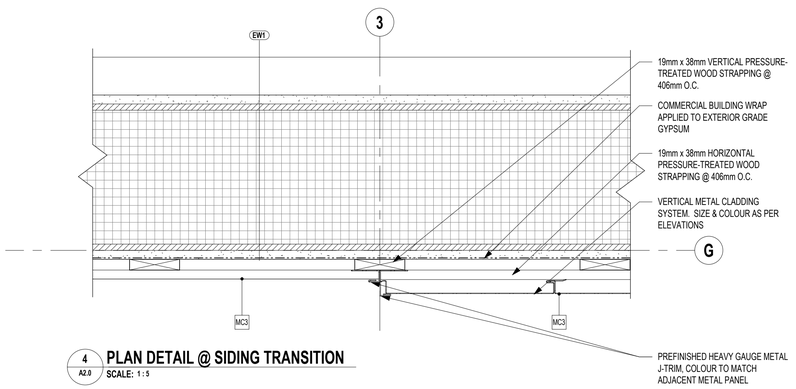

4 / A2.0 PLAN DETAIL @ SIDING TRANSITION
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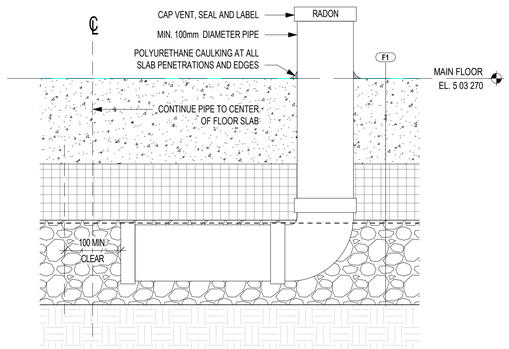

5 / A2.0 RADON PIT DETAIL
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As indicated	DS
date:	project no:
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drawing title:
C-STORE/ CRU MAIN FLOOR PLAN & FOUNDATION

drawing no:	revision no:
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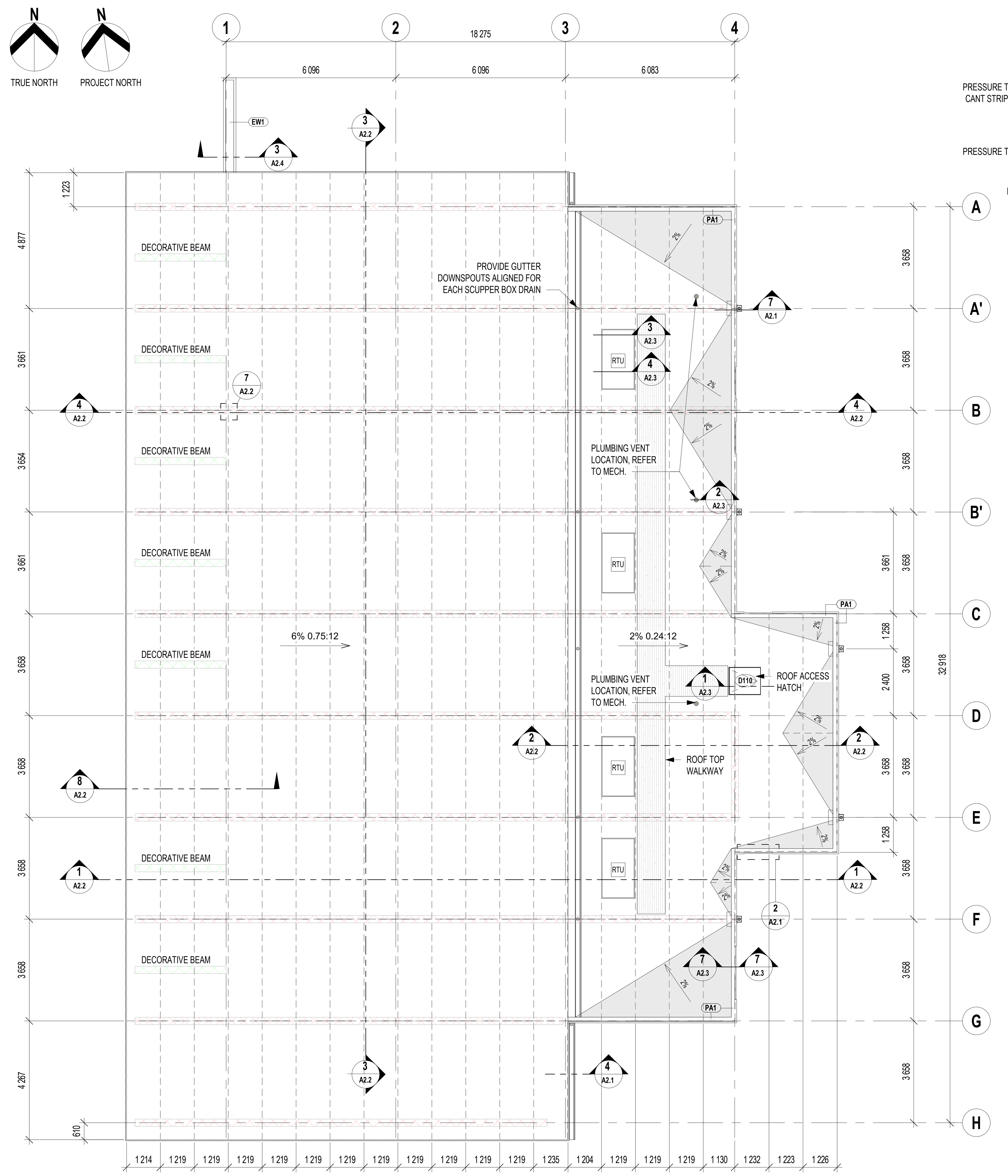

1 A2.1 ROOF PLAN & SIP LAYOUT
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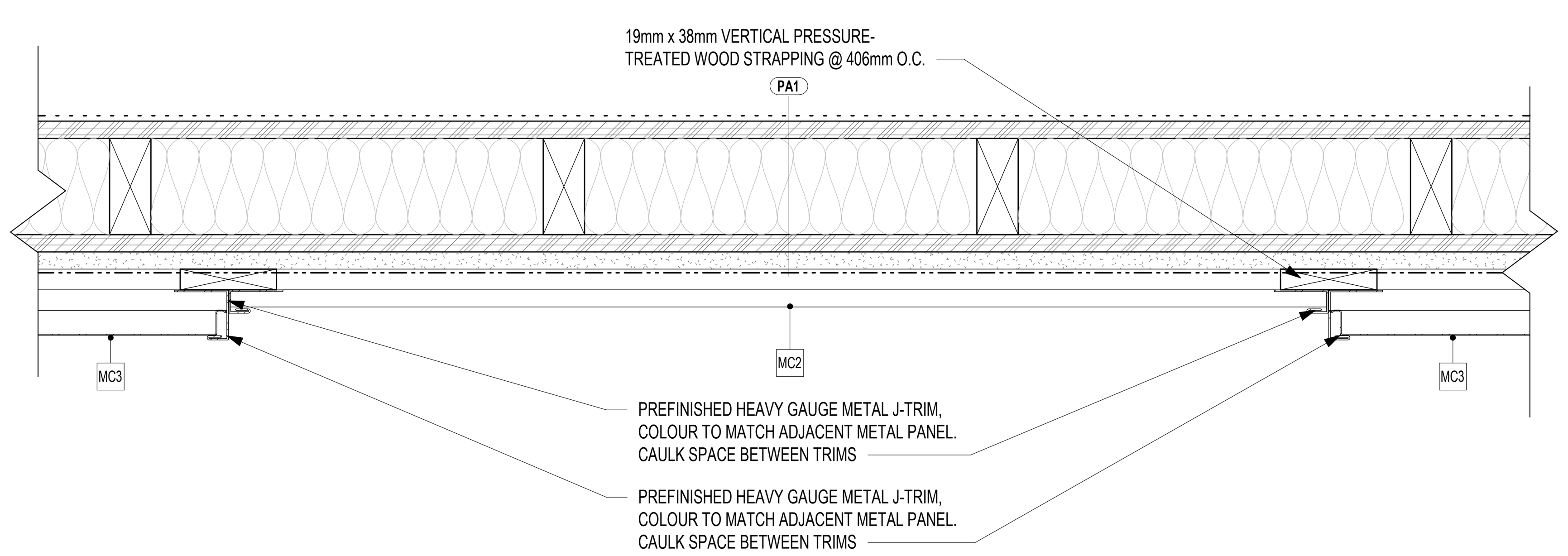

2 A2.1 TYP. PARAPET DETAIL @ CLADDING TRANSITION
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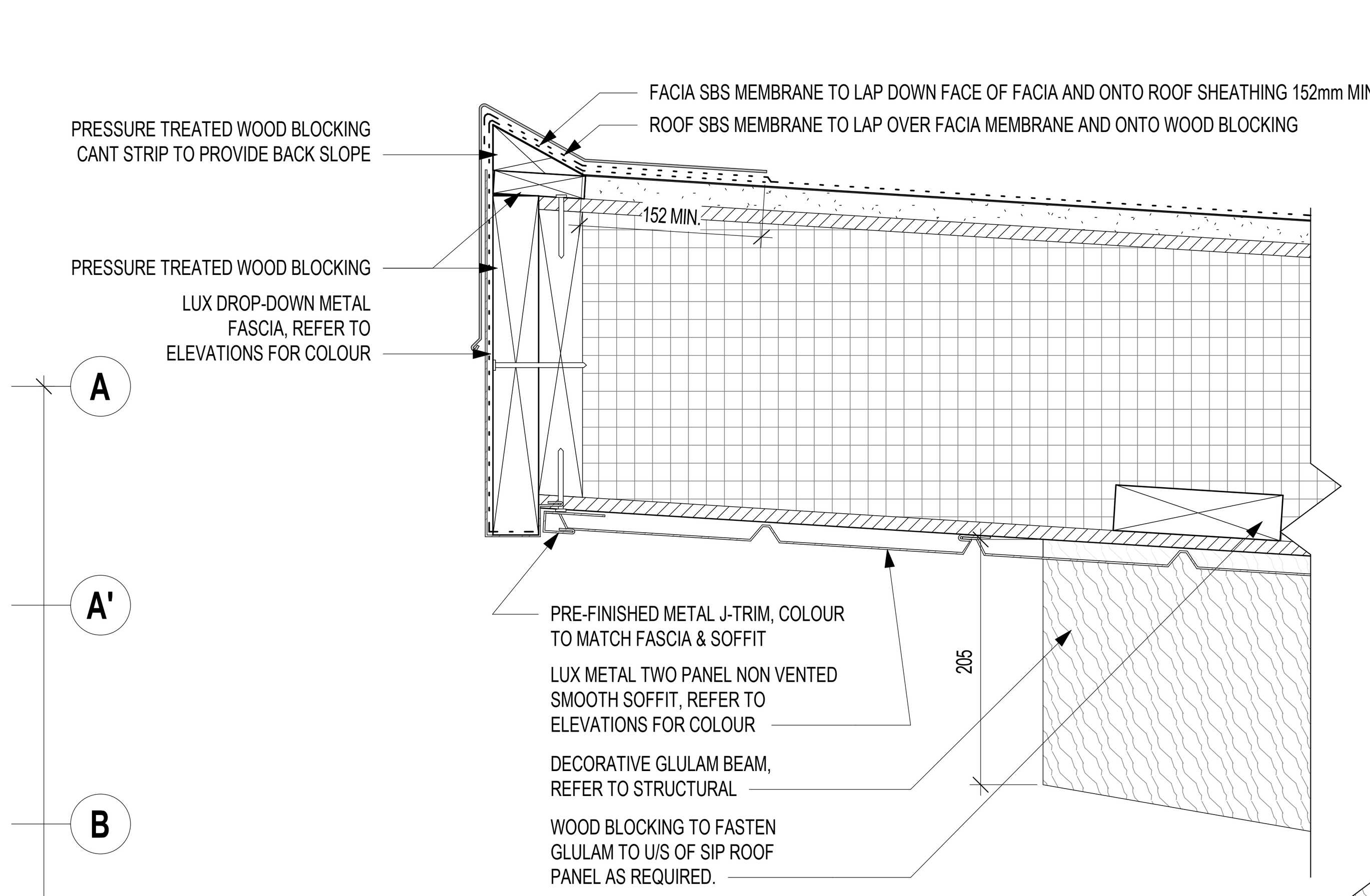

3 A2.1 NORTH OVERHANG DETAIL
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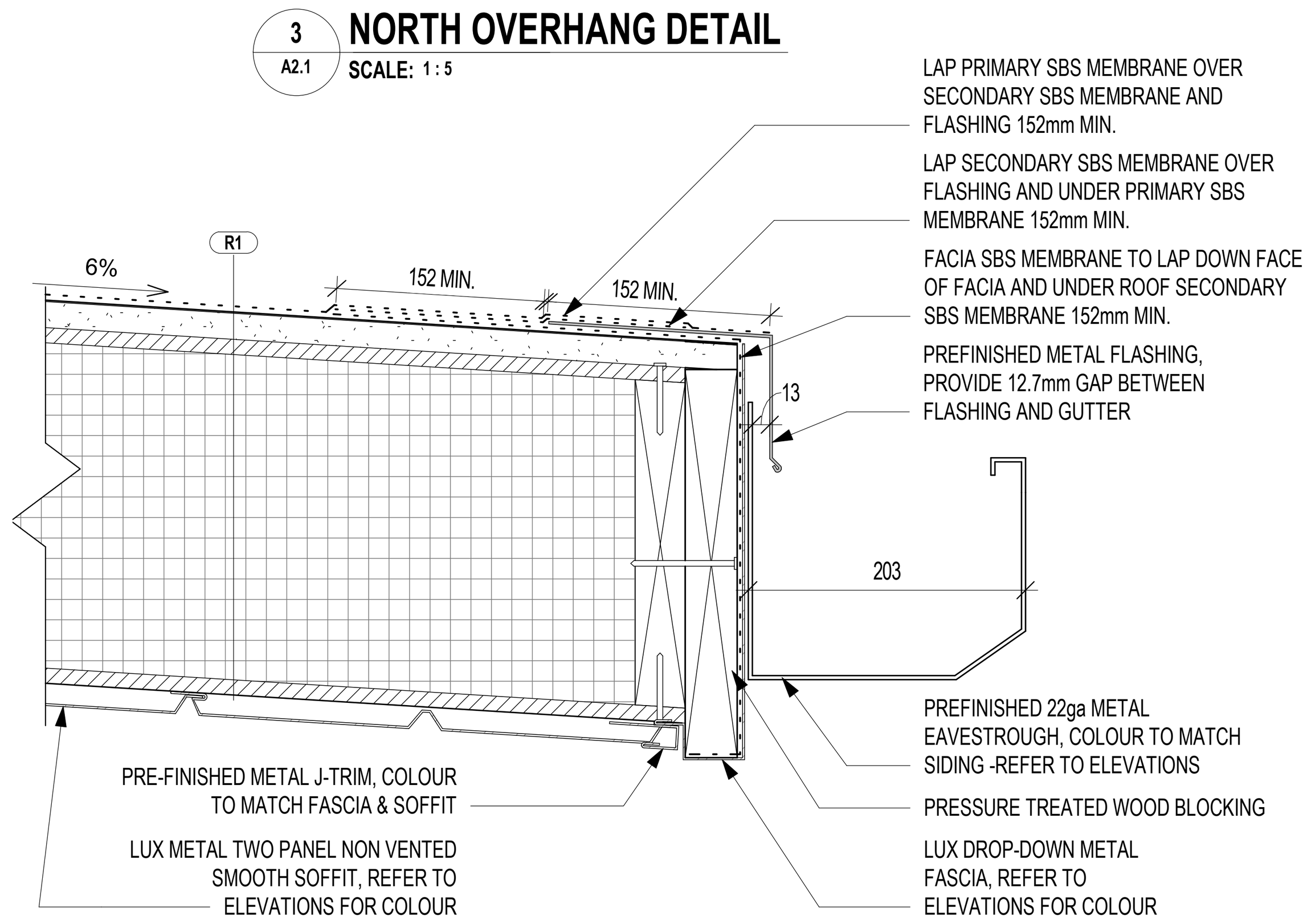

4 A2.1 SOUTH OVERHANG DETAIL
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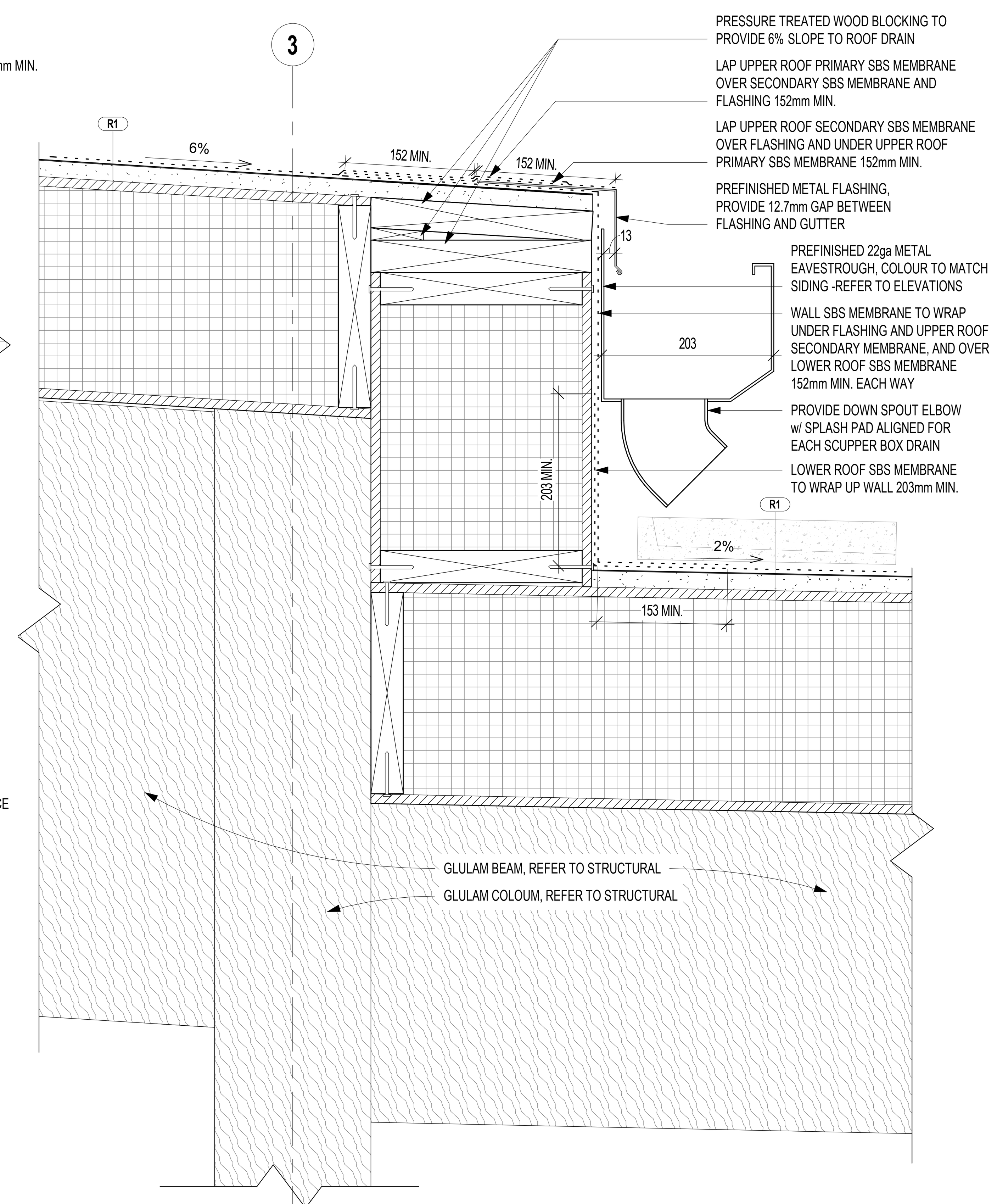

6 A2.1 ROOF INTERSECTION DETAIL
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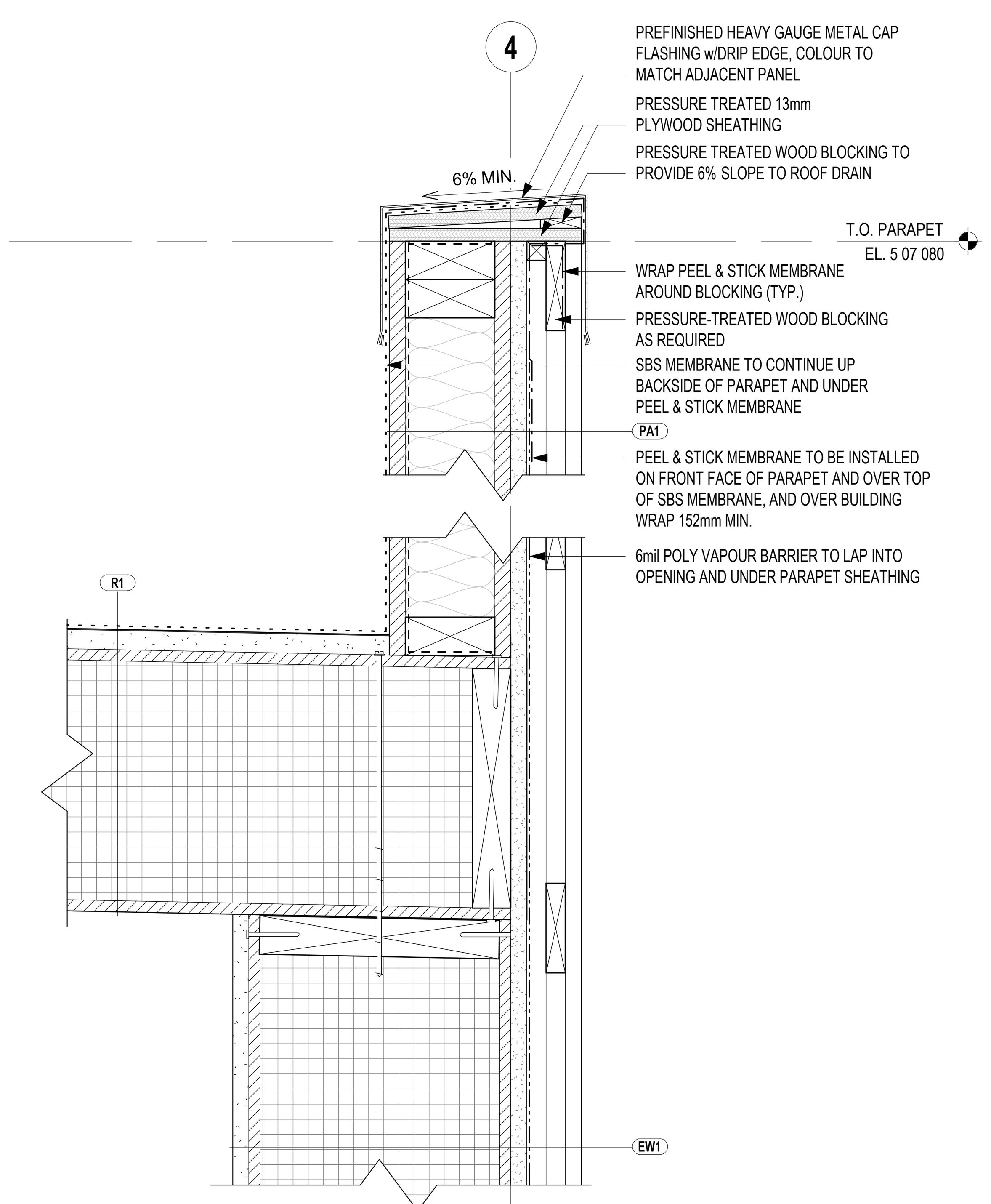

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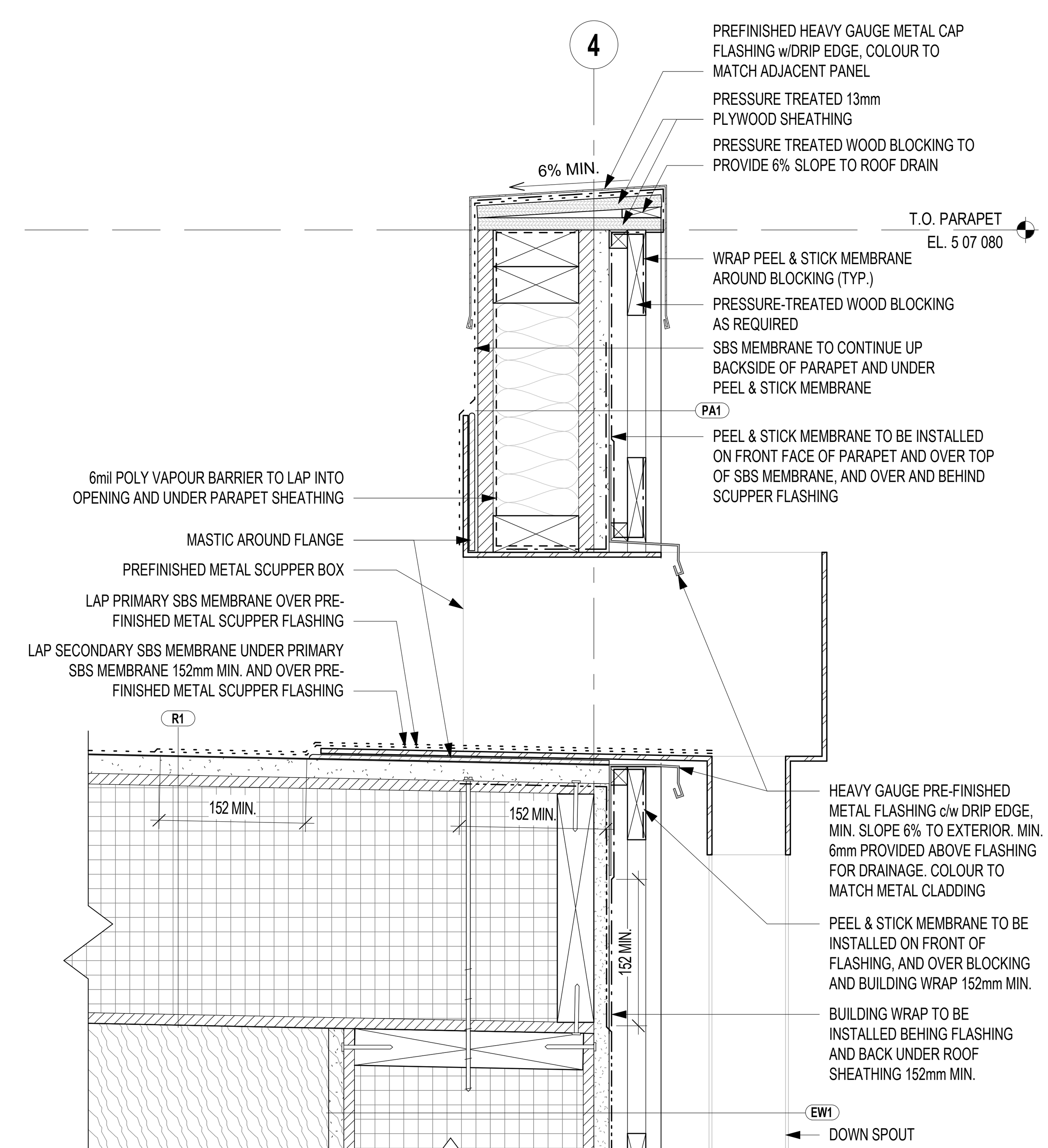

7 A2.1 TYP. SCUPPER DETAIL
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SASKATOON, SASKATCHEWAN

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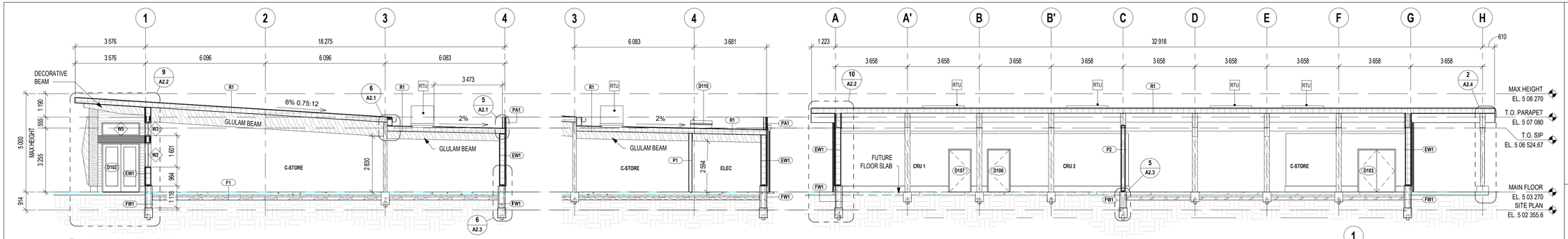
scale: As indicated	approved: DS
date: 11.10.2020	project no: 2020-07

drawing title:
C-STORE/ CRU ROOF PLAN & DETAILS

drawing no: A2.1
revision no: 1



1 A2.2 BUILDING SECTION 1
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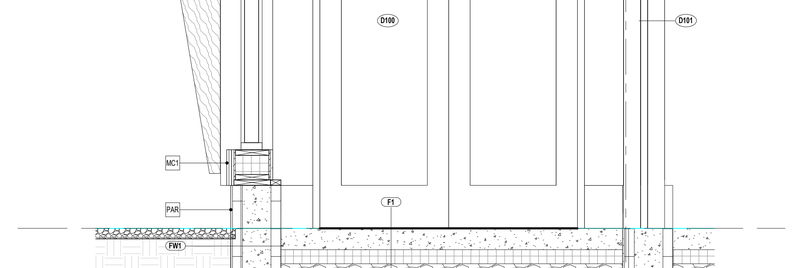

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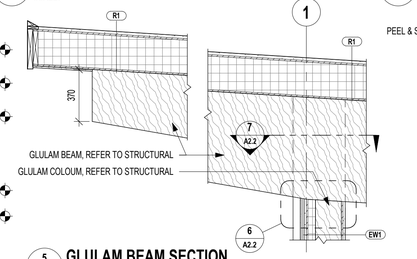

2 A2.2 BUILDING SECTION 2
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5 A2.2 GLULAM BEAM SECTION
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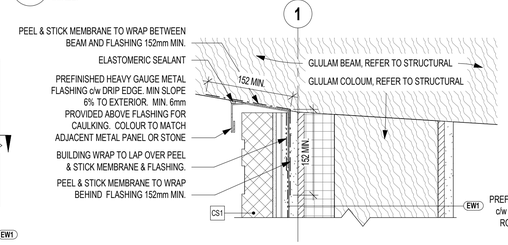

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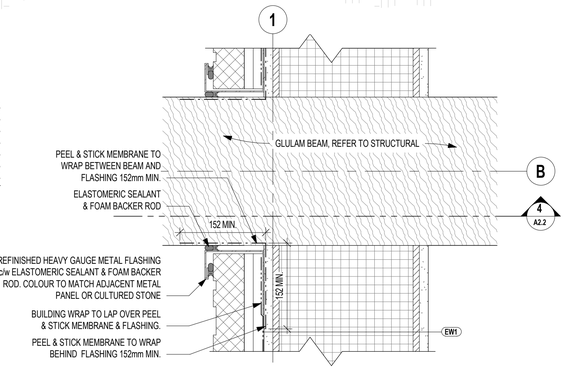

7 A2.2 GLULAM BEAM PLAN DETAIL
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8 A2.2 WALL SECTION @ ENTRY VESTIBULE
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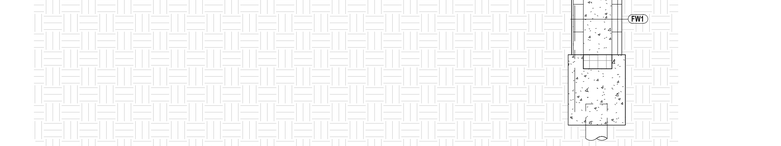

9 A2.2 WALL SECTION 1
SCALE: 1 : 20

10 A2.2 EXT WALL SECTION
SCALE: 1 : 20

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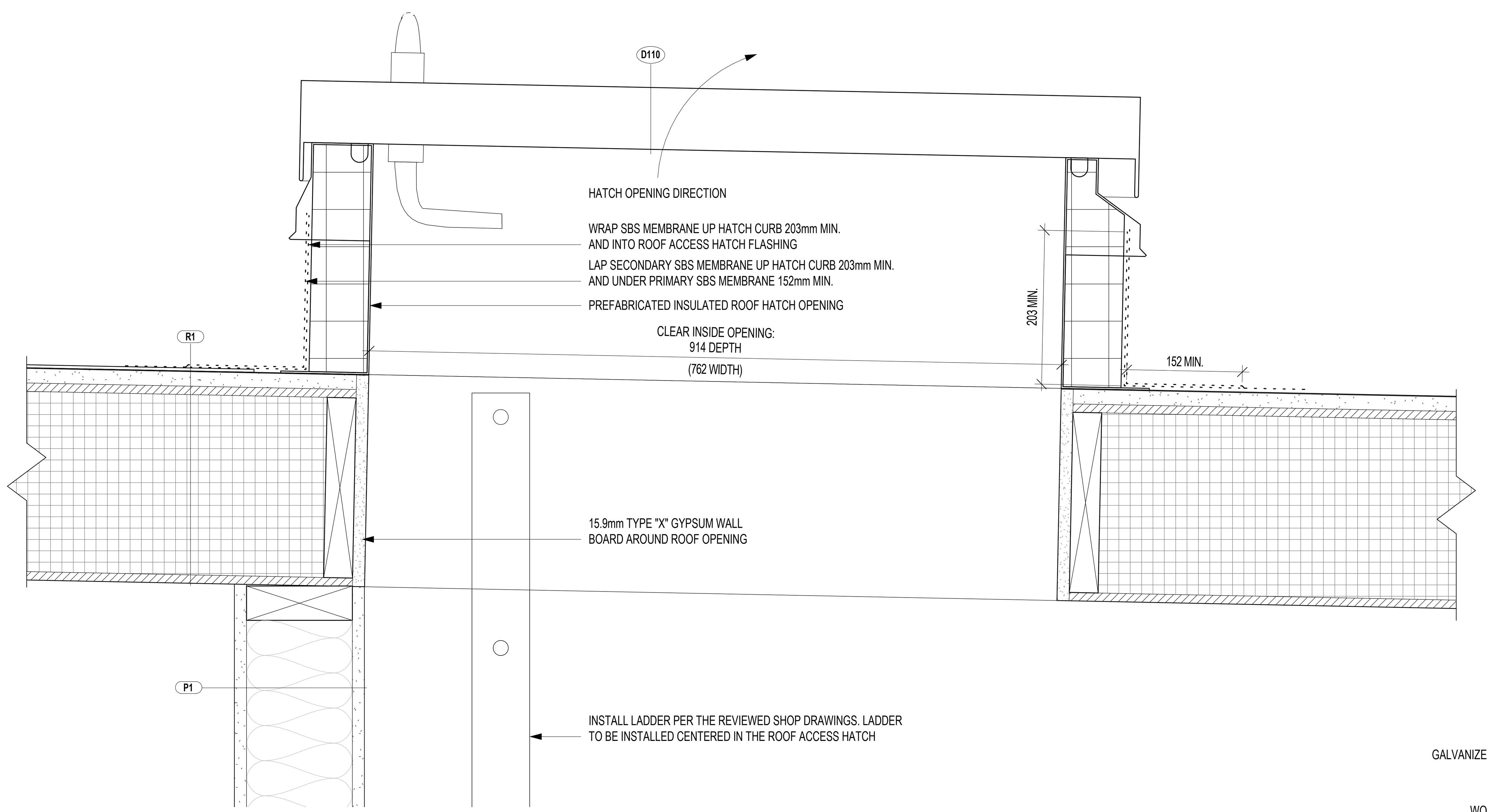

1 A2.3 **ROOF HATCH DETAIL**
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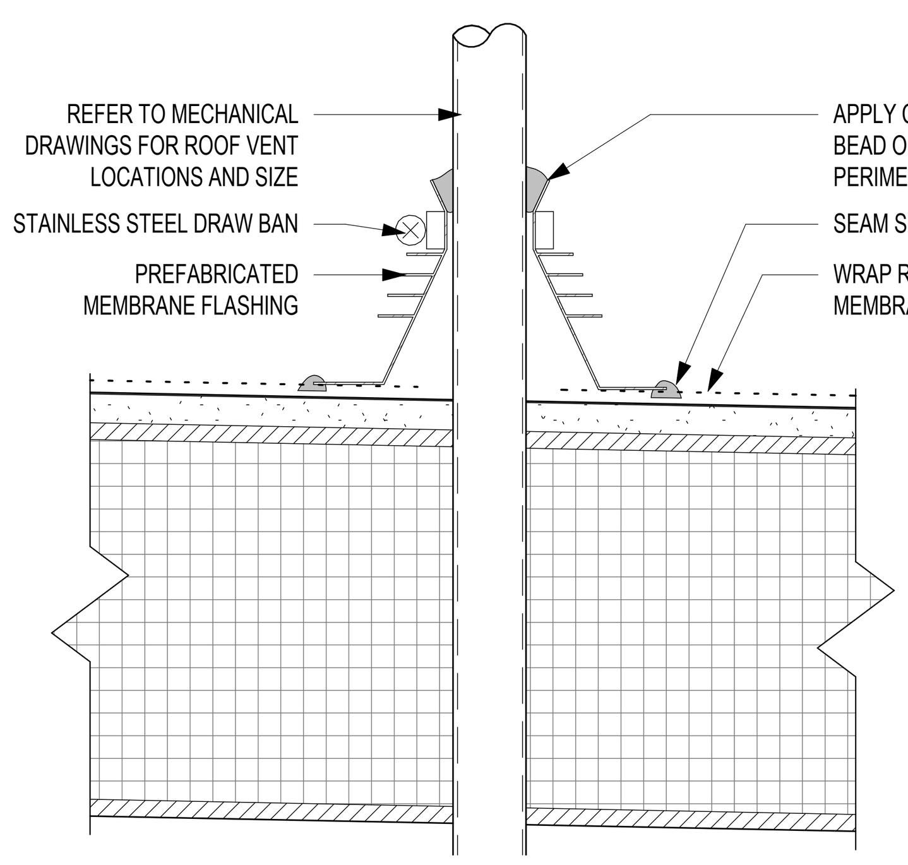
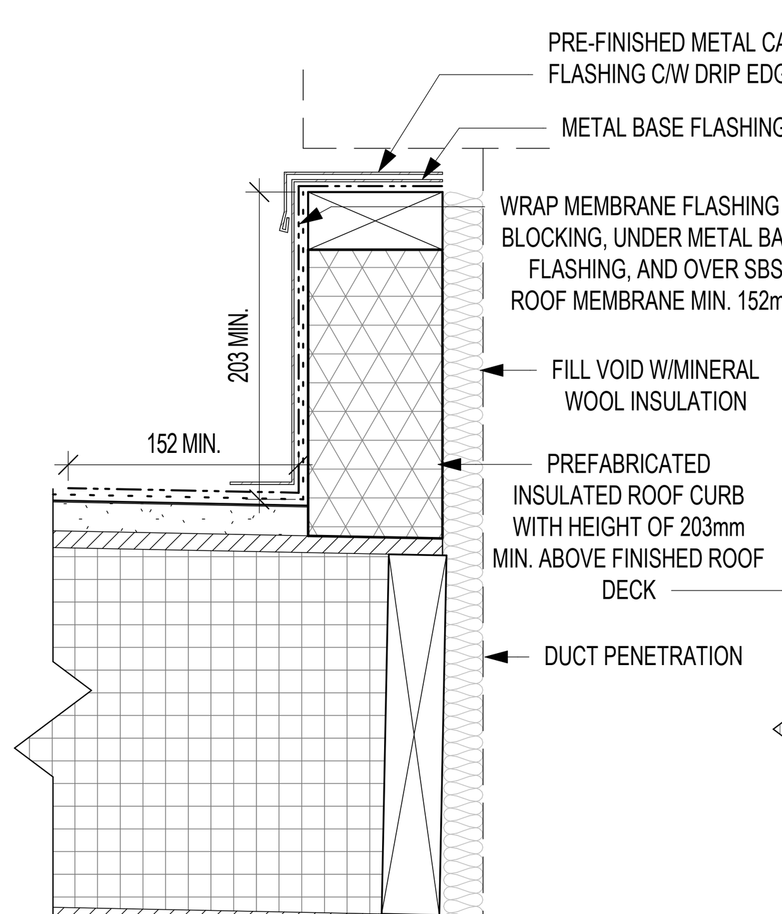
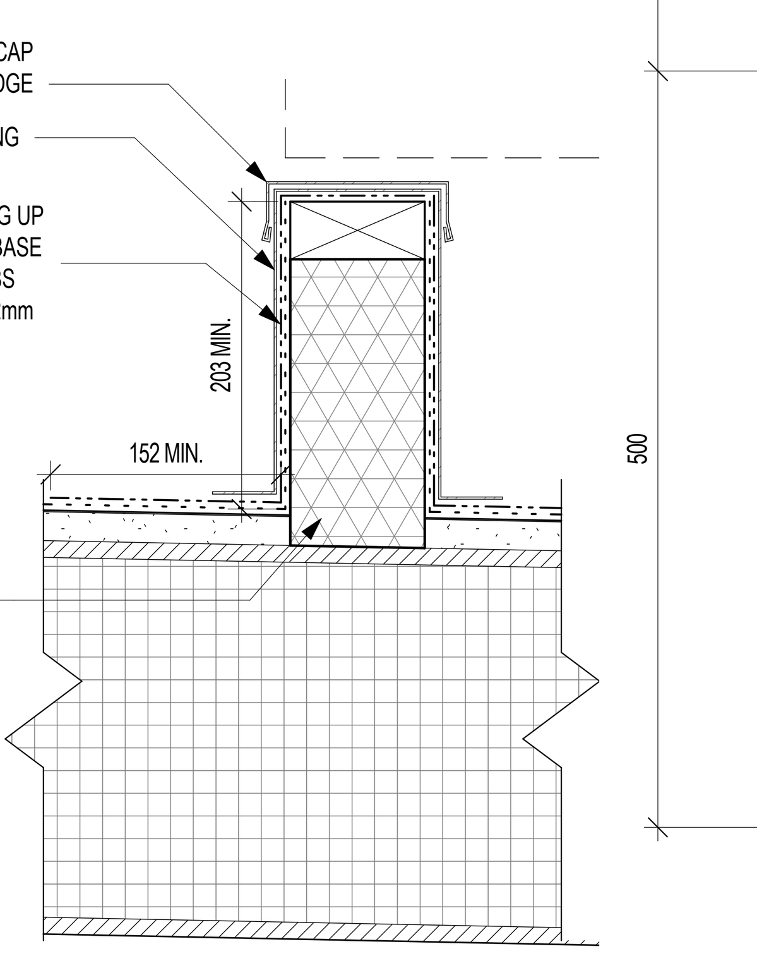


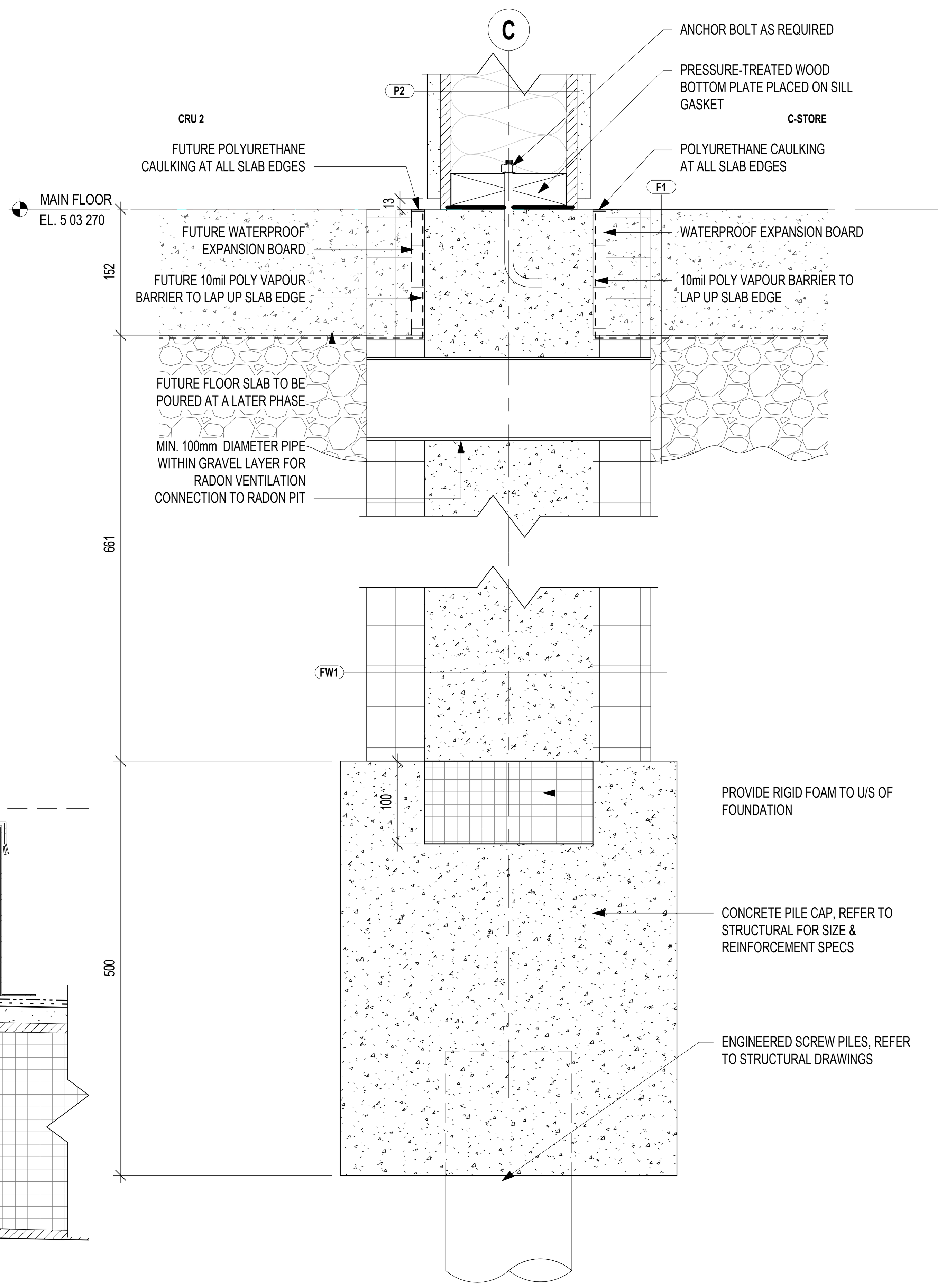
2 A2.3 **ROOF TYP. VENT PENETRATION**
SCALE: 1 : 5



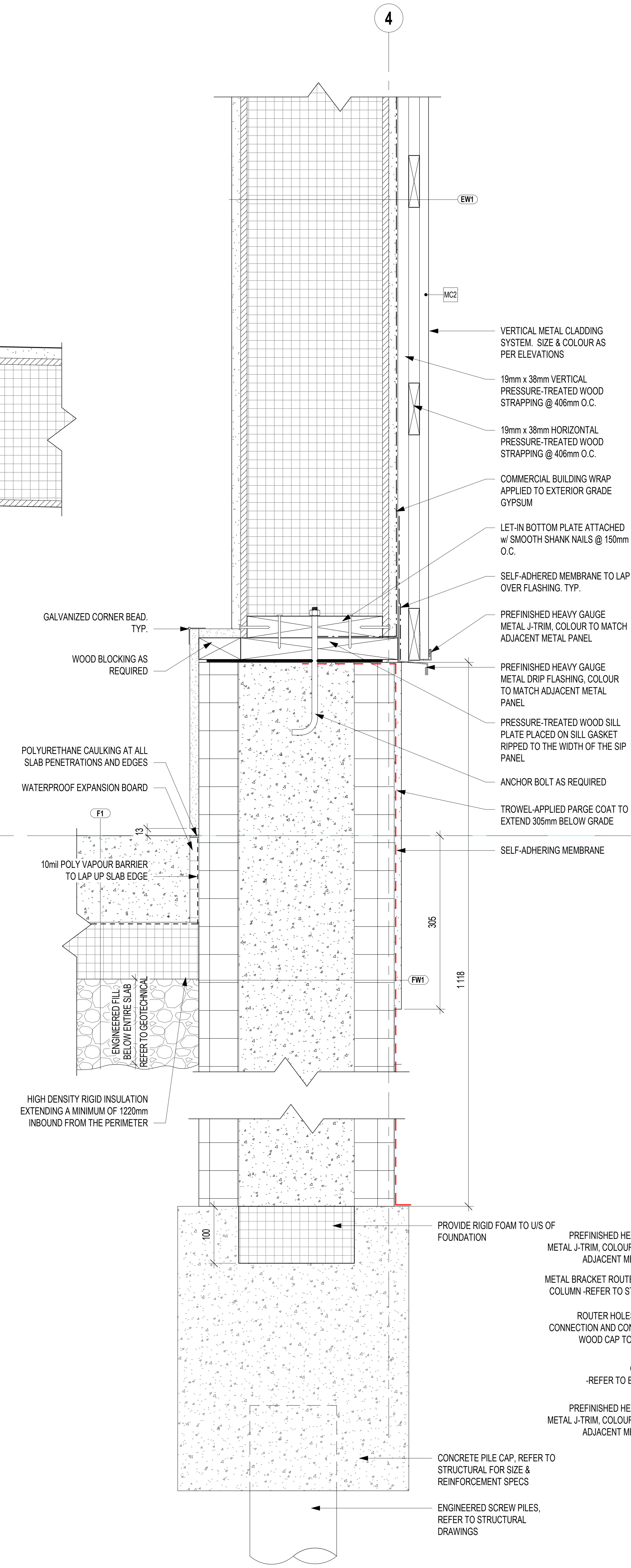
3 A2.3 **ROOF TYP. CURB OPENING**
SCALE: 1 : 5



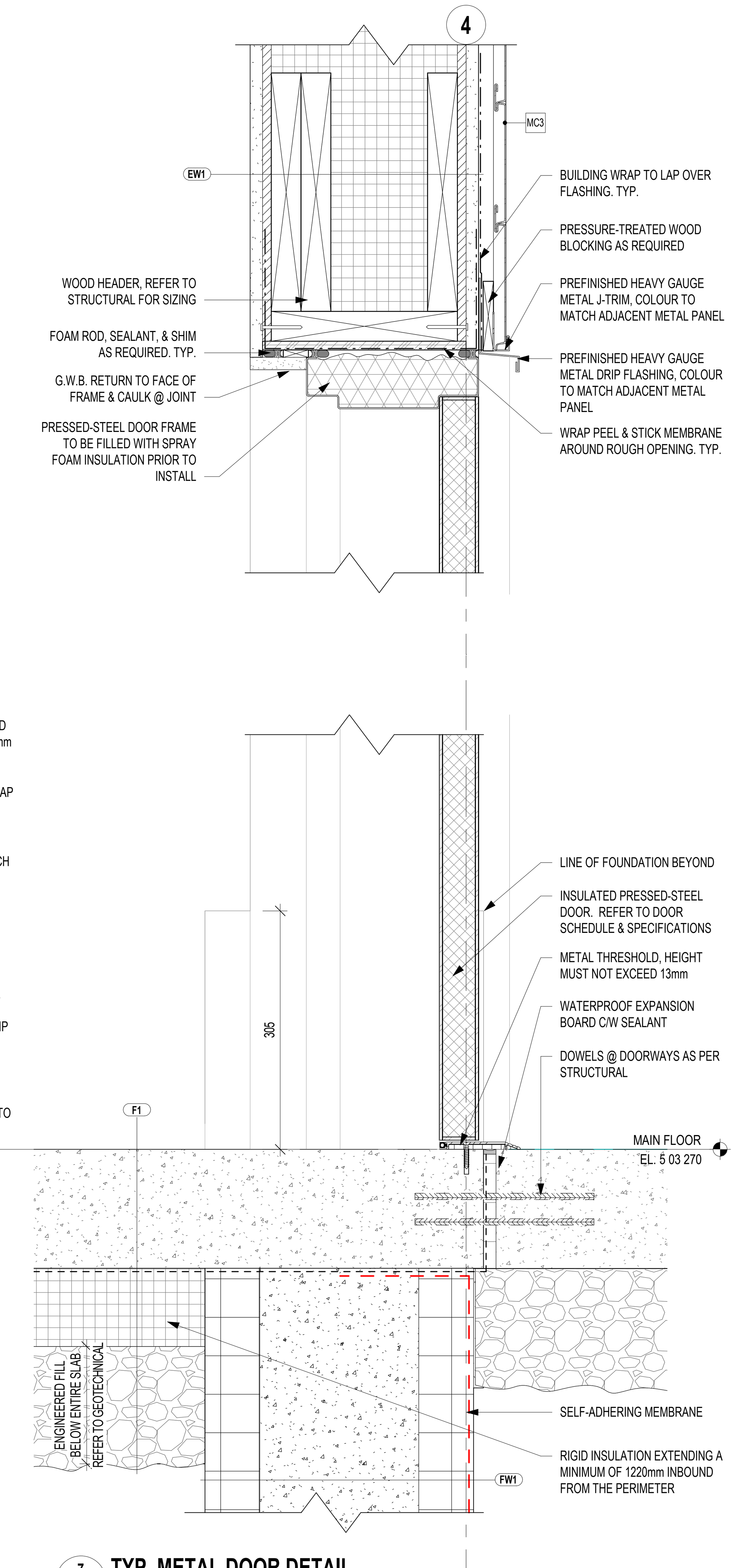
4 A2.3 **ROOF TYP. CURB**
SCALE: 1 : 5



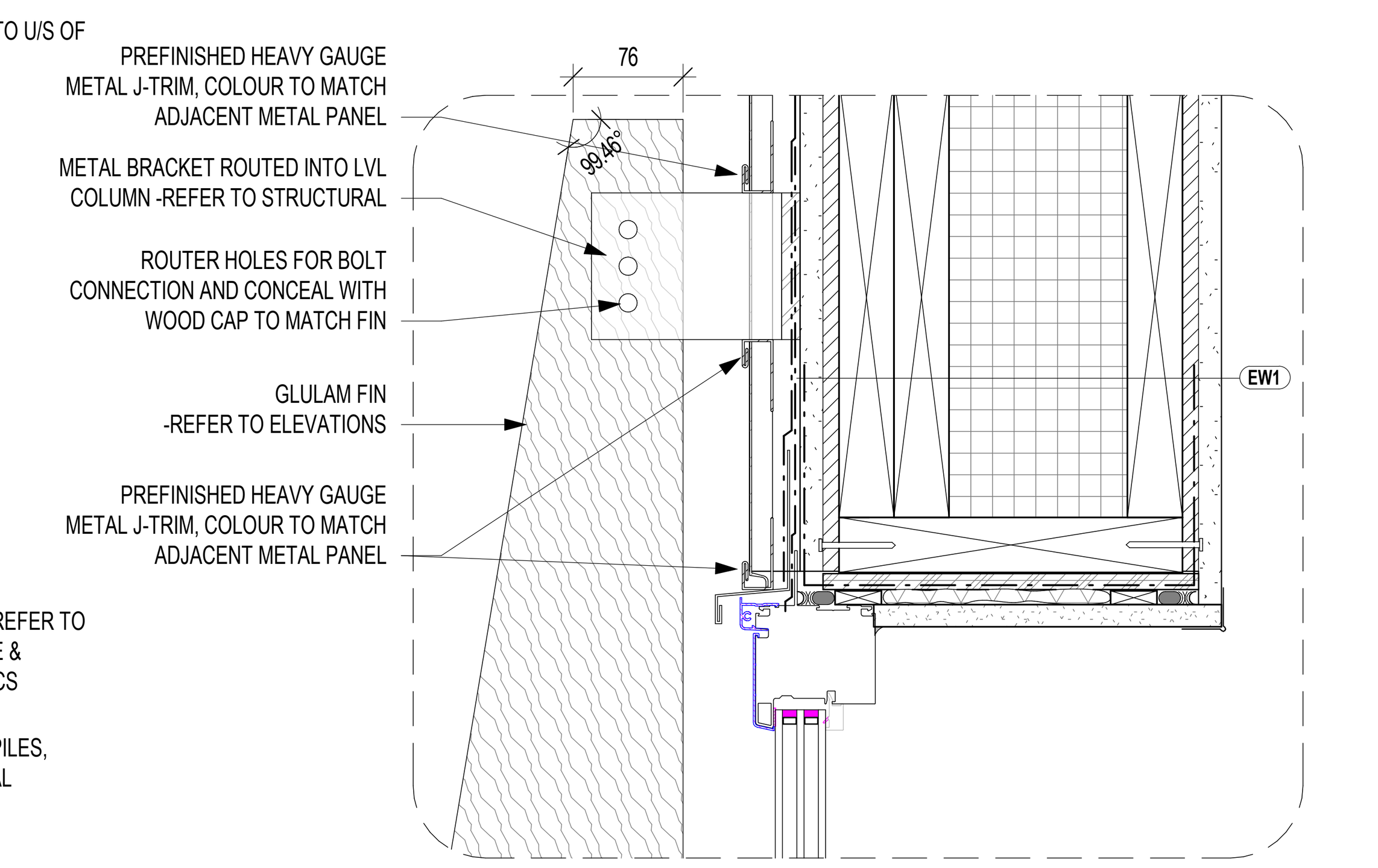
5 A2.3 **GRADE BEAM DETAIL @ SHEAR WALL**
SCALE: 1 : 5



6 A2.3 **TYP. GRADE BEAM DETAIL**
SCALE: 1 : 5



7 A2.3 **TYP. METAL DOOR DETAIL**
SCALE: 1 : 5



8 A2.3 **WOOD FIN DETAIL**
SCALE: 1 : 5

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Verify all dimensions on site and report all errors and omissions to the Architect. Comply with all Codes and Regulations applicable to the performance of the work.

All drawings and specifications are instruments of service and are property of the Architect.

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no.	date:	description:
1	12.21.2020	INVITATION FOR TENDER
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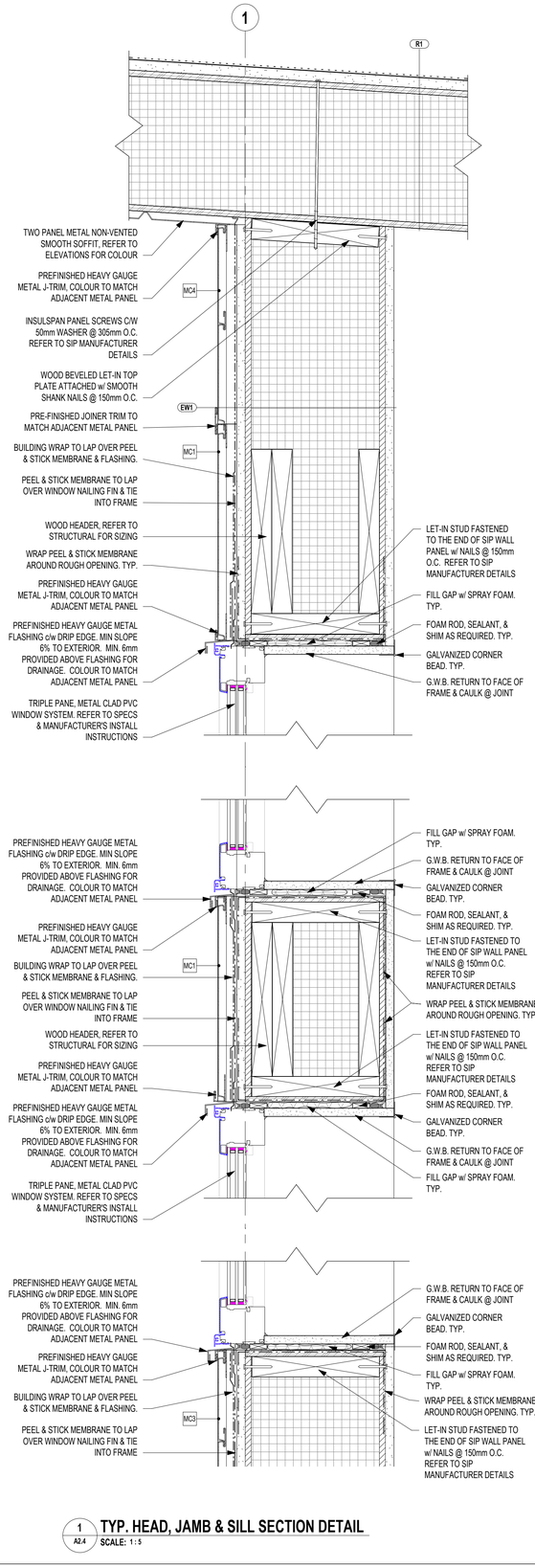
SASKATOON, SASKATCHEWAN

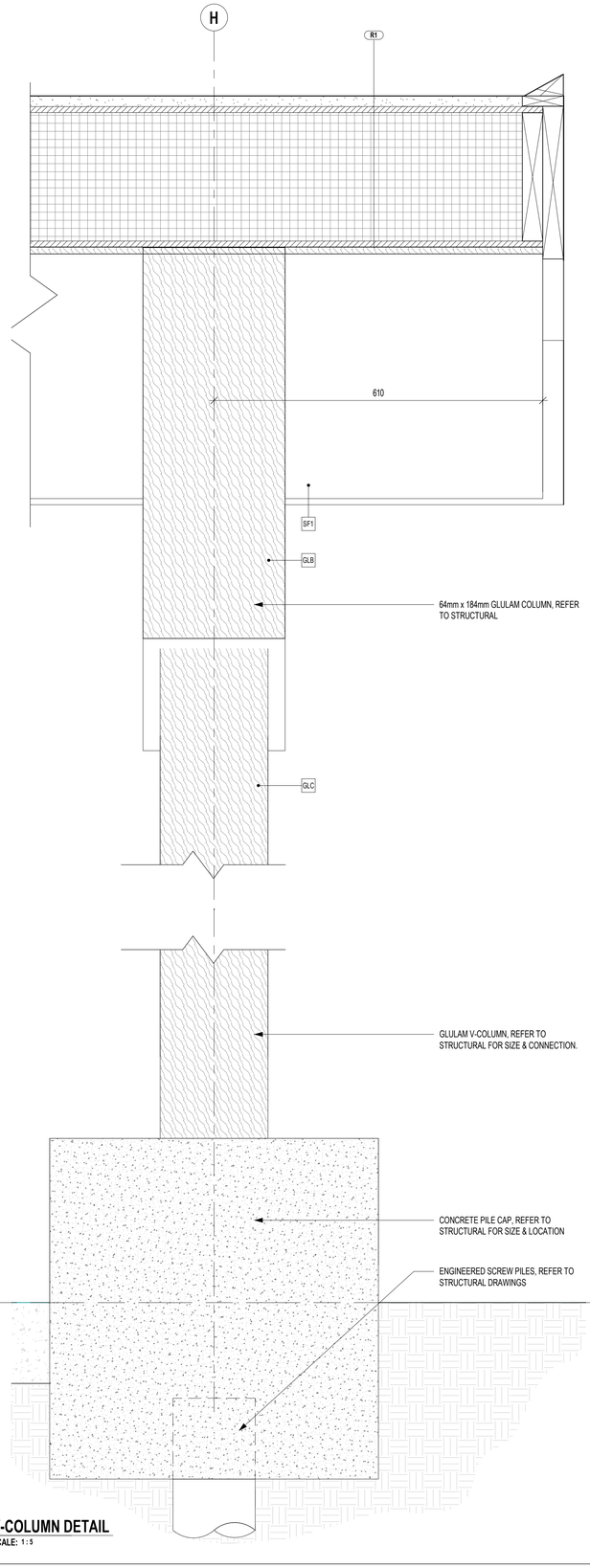
drawn by:	reviewed:
AM/ DR	DS
scale: 1 : 5	approved: DS
date: 11.10.2020	project no: 2020-07

drawing title:
C-STORE/ CRU SECTION DETAILS

drawing no: **A2.3**
revision no: **1**



1 A2.4 **TYP. HEAD, JAMB & SILL SECTION DETAIL**
SCALE: 1 : 5



2 A2.4 **V-COLUMN DETAIL**
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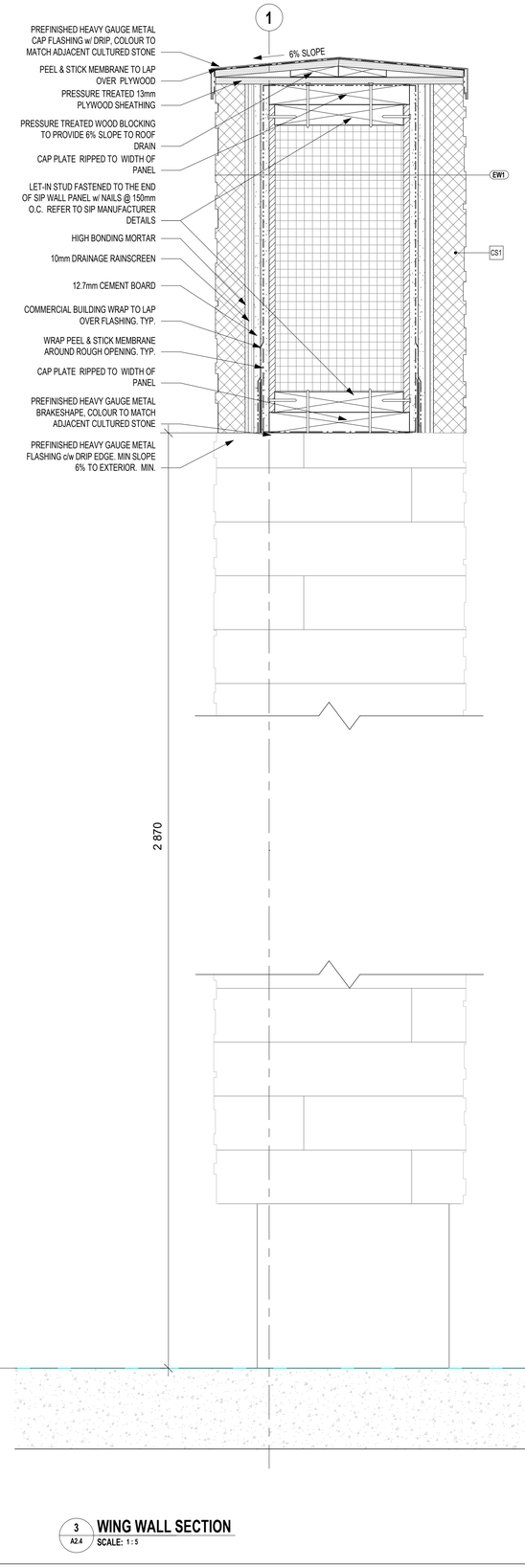

3 A2.4 **WING WALL SECTION**
SCALE: 1 : 5

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AM	DS
scale:	**approved:**
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date:	**project no:**
11.10.2020	2020-07

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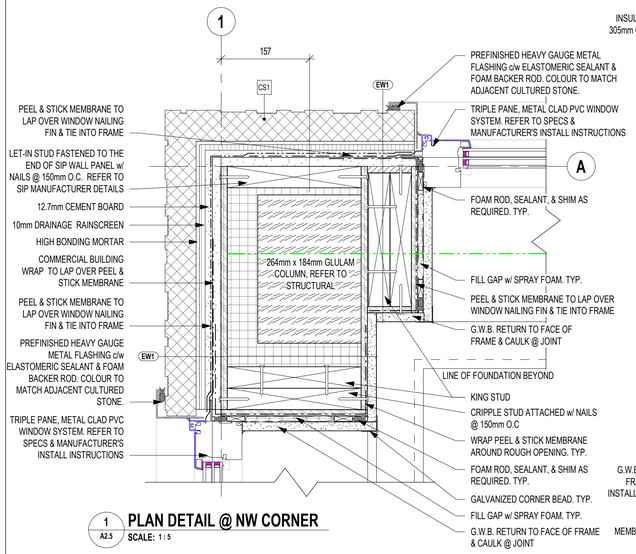
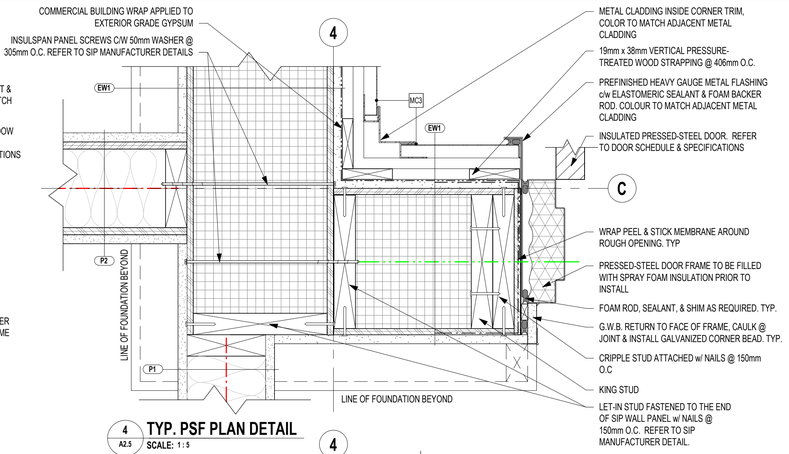
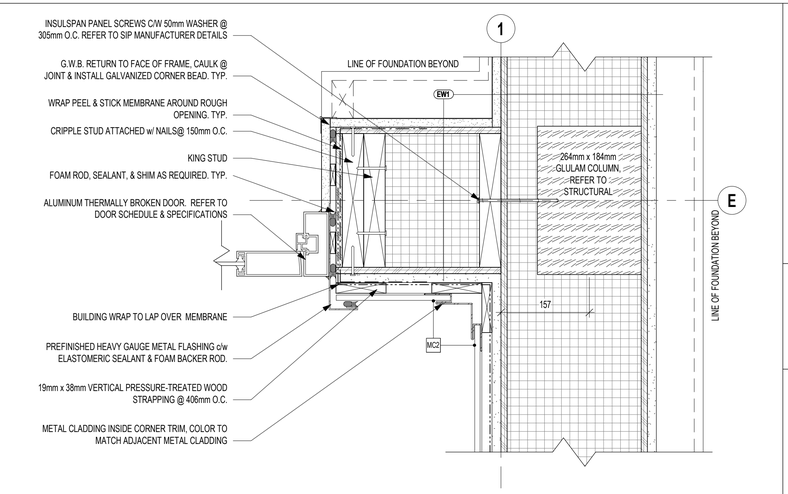
drawing no:	revision no:
A2.4	1



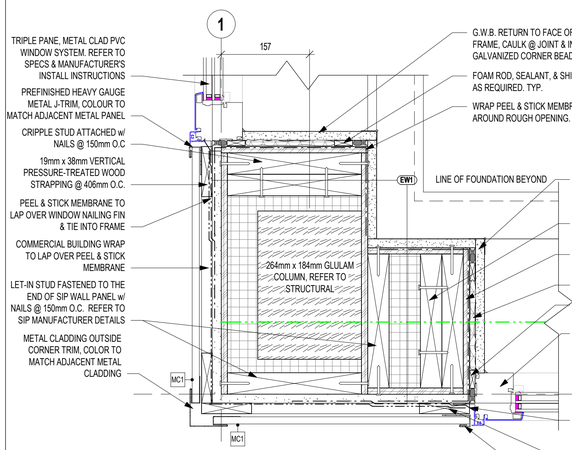
1 A2.5 **PLAN DETAIL @ NW CORNER**
SCALE: 1 : 5



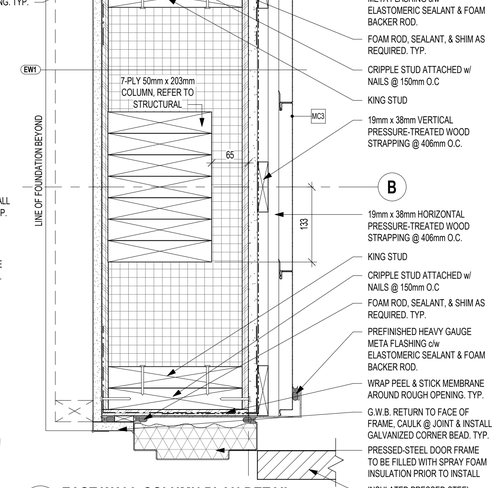
4 A2.5 **TYP. PSF PLAN DETAIL**
SCALE: 1 : 5



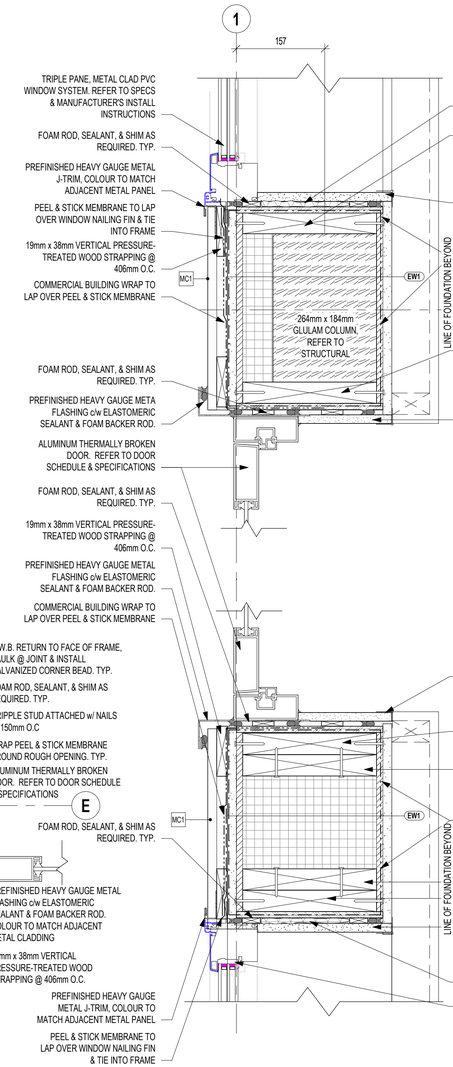
8 A2.5 **TYP. DOOR JAMB DETAIL**
SCALE: 1 : 5



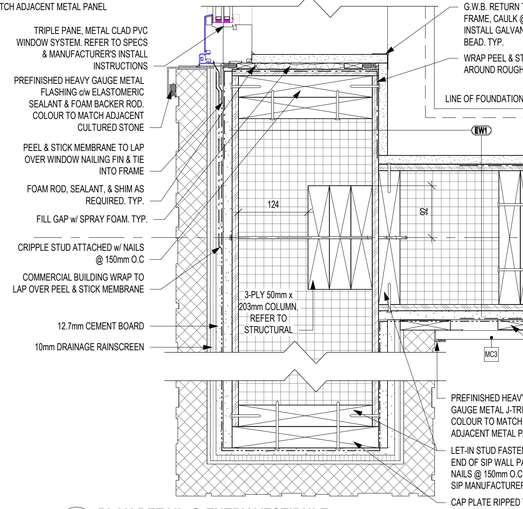
2 A2.5 **PLAN DETAIL @ SW CORNER**
SCALE: 1 : 5



5 A2.5 **EAST WALL COLUMN PLAN DETAIL**
SCALE: 1 : 5



9 A2.5 **PLAN DETAIL @ COLUMN**
SCALE: 1 : 5



3 A2.5 **TYP. PLAN DETAIL**
SCALE: 1 : 5

6 A2.5 **PLAN DETAIL @ ENTRY VESTIBULE**
SCALE: 1 : 5

7 A2.5 **TYP. STOREFRONT DOOR PLAN DETAIL**
SCALE: 1 : 5

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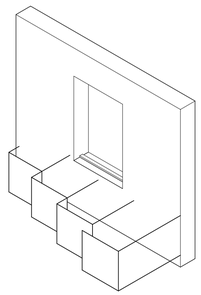
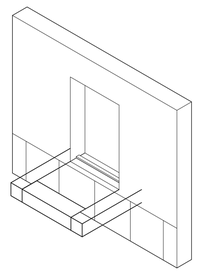
drawing no: A2.5

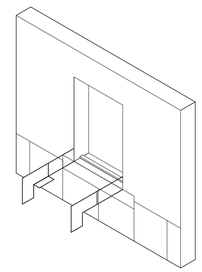
revision no: 1



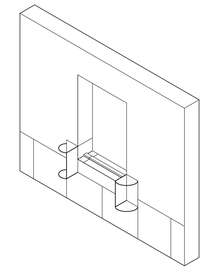
INSTALL SILL DAM AND PREP WALL SURFACE. INSTALL SELF-ADHERED MEMBRANE BELOW THE WINDOW OPENING, PROPERLY SHINGLE LAPPED WITH MIN. 6" OVERLAP.



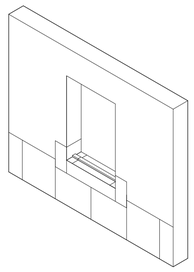
INSTALL SELF-ADHERED MEMBRANE ALONG THE WINDOW SILL. ENSURE MEMBRANE LAPS ONTO THE BUILDING WRAP BELOW MIN. 4". FOLLOW ALL MANUFACTURER RECOMMENDATIONS



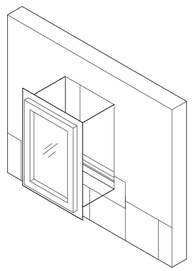
INSTALL SELF-ADHERED MEMBRANE ALONG BOTH JAMBS OF THE ROUGH OPENING. ENSURE MEMBRANE LAPS ONTO THE SILL MEMBRANE MIN. 4".



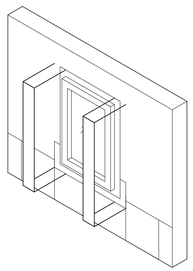
FOLD THE JAMB MEMBRANE ONTO THE FACE OF THE SHEATHING.



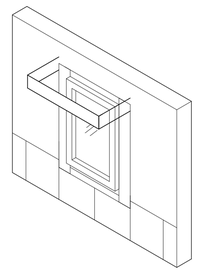
ENSURE THAT ALL SELF-ADHERED MEMBRANE IS PROPERLY ROLLED, AND IS FREE FROM DELAMINATION, FISH MOUTHS, AND WRINKLING



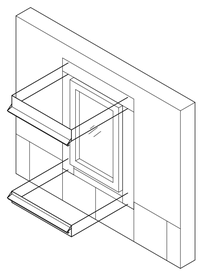
INSTALL WINDOW INTO THE ROUGH OPENING. SHIM AS REQUIRED.



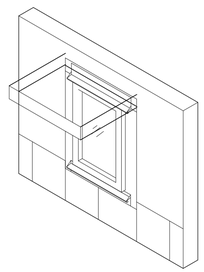
INSTALL SELF ADHERED MEMBRANE ALONG THE JAMBS OF THE WINDOW, ENSURING THE MEMBRANE COVERS THE FLANGE OF THE WINDOW AND LAPS MIN. 6" ONTO THE SHEATHING.



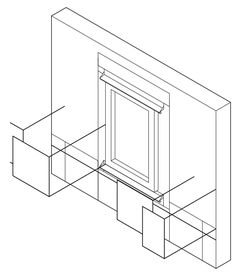
INSTALL SELF-ADHERED MEMBRANE ALONG THE WINDOW HEAD, ENSURING THE MEMBRANE COVERS THE FLANGE OF THE WINDOW AND LAPS MIN. 6" ONTO THE SHEATHING



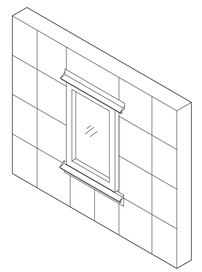
INSTALL PREFINISHED METAL HEAD AND SILL FLASHING. PROVIDE SILL DAMS AT EITHER END OF THE FLASHING



INSTALL SELF-ADHERED MEMBRANE ALONG THE TOP SEAM OF THE METAL FLASHING. ENSURE MIN. 4" LAP ONTO THE FLASHING AND 6" LAP ONTO THE SHEATHING



CONTINUE INSTALLING BUILDING WRAP MEMBRANE. ENSURE PROPER SHINGLE LAP WITH MIN. 6" OVERLAP



THE WINDOW DETAILING IS NOW COMPLETE, PREPARE THE WALL TO RECEIVE OTHER CLADDING MATERIALS.

1 / A2.6 **WINDOW INSTALLATION DETAILS**
SCALE: 1 : 25

2020-12-21 10:44:19 AM
C:\Users\andyj\Documents\2020-07 Parke Pacific Saskatoon Gas Bar_Central_andyjs@dsafit.rvt

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scale:	**approved:**
1 : 25	DS
date:	**project no:**
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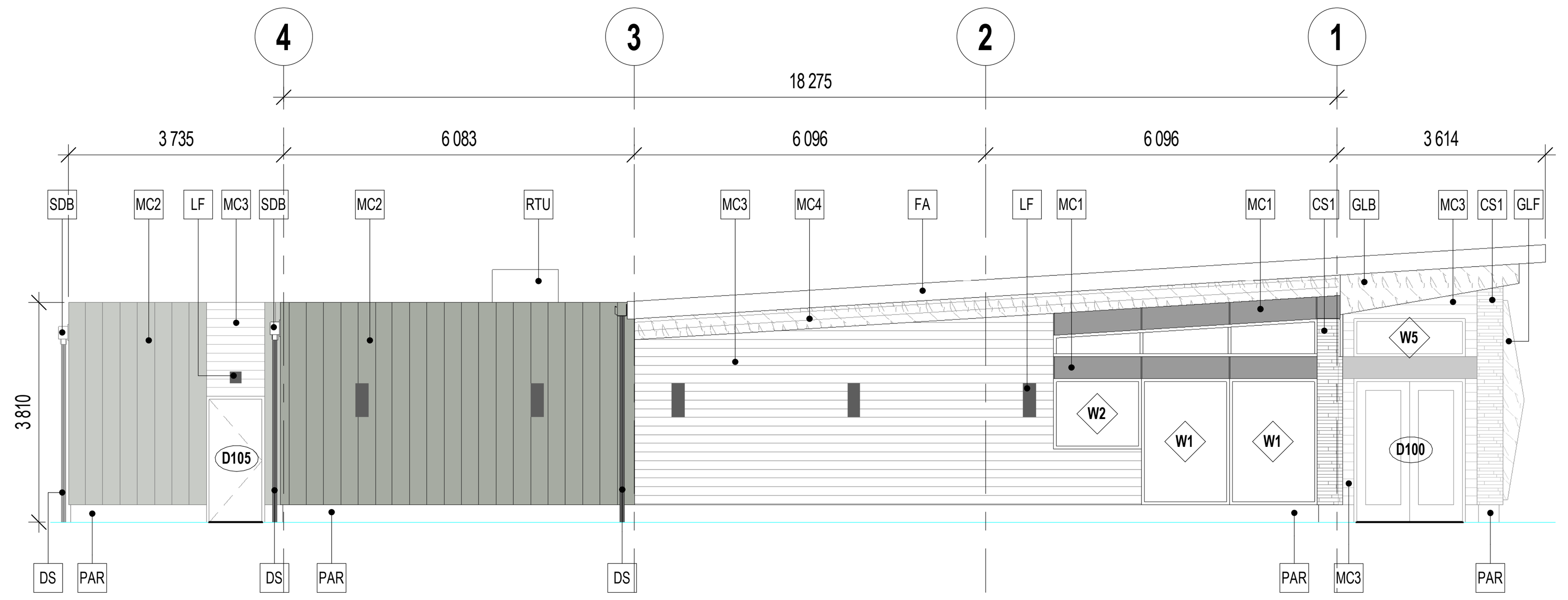
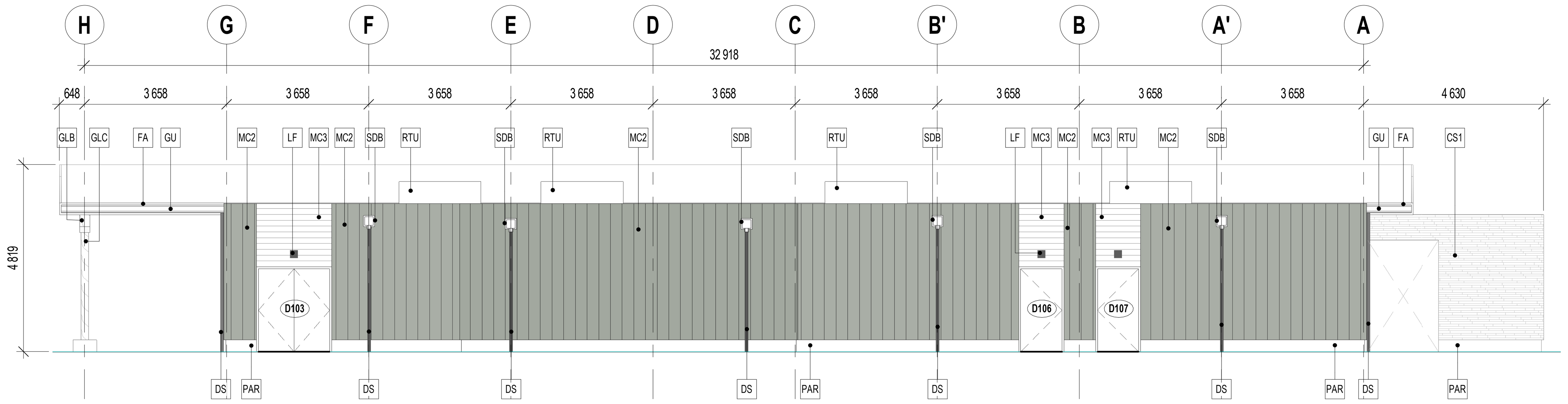
drawing title:
WINDOW INSTALLATION DETAILS

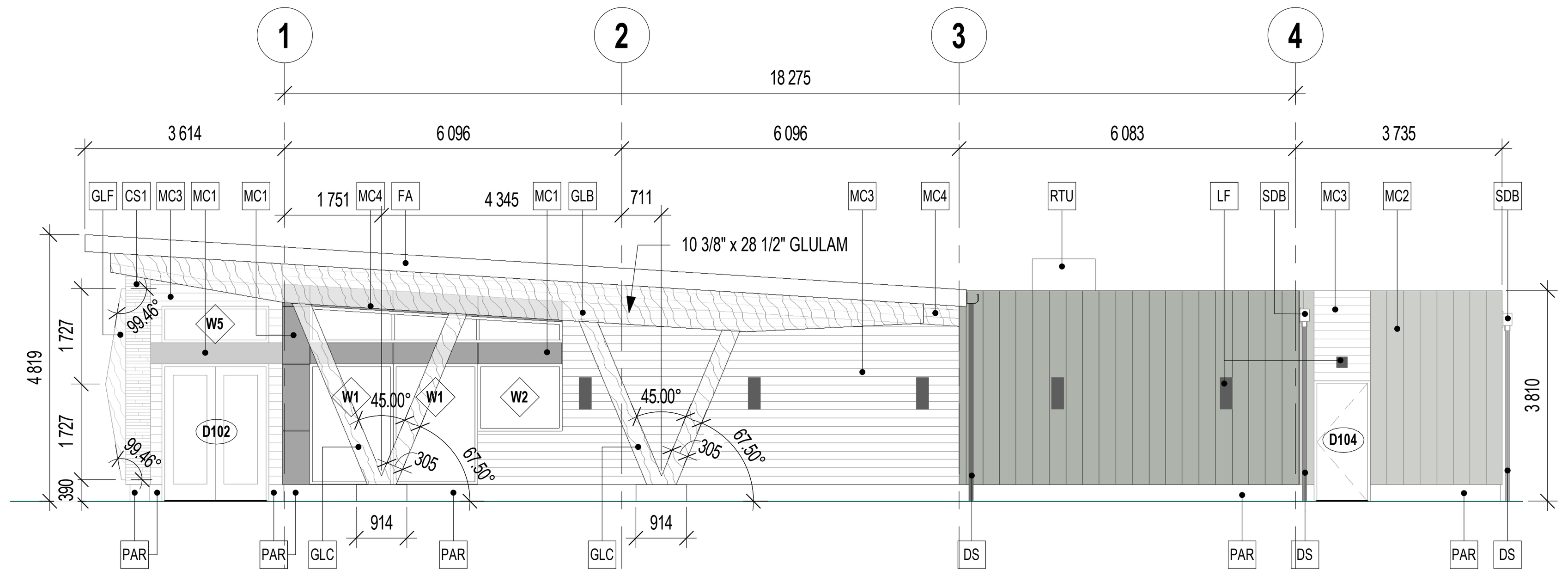
drawing no:	revision no:
A2.6	1



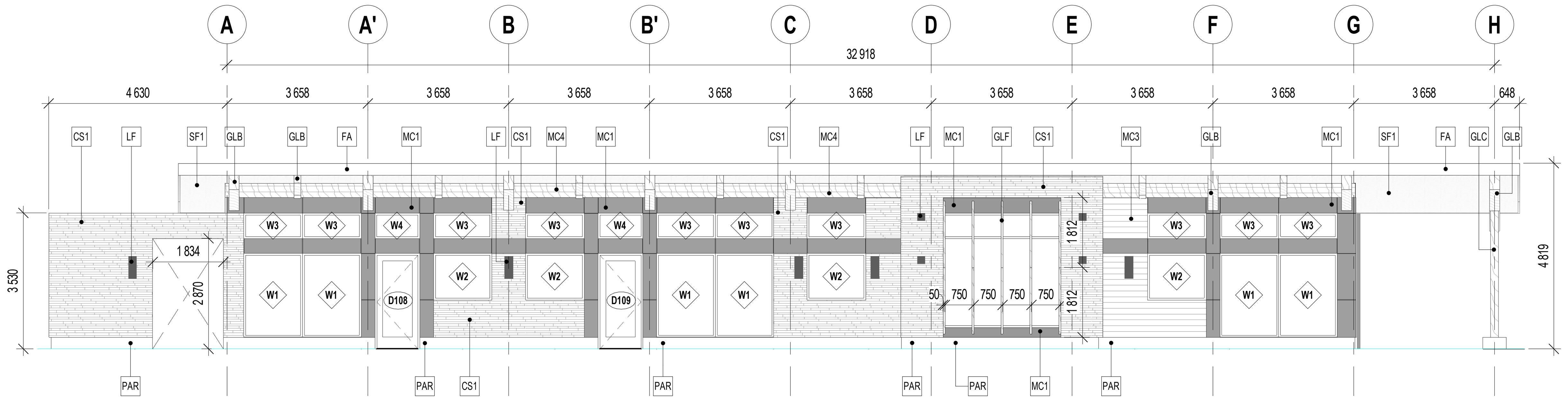
1 A2.7 **NORTH ELEVATION**
SCALE: 1 : 100



2 A2.7 **EAST ELEVATION**
SCALE: 1 : 100



3 A2.7 **SOUTH ELEVATION**
SCALE: 1 : 100



4 A2.7 **WEST ELEVATION**
SCALE: 1 : 100

KEYNOTES

TYPE MARK	DESCRIPTION
CS1	CULTURED STONE - GLACIER
DS	DOWNSPOUT - COLOUR TO MATCH CLADDING
FA	FASCIA - BLACK
GLB	GLULAM BEAM - LIGHT ASH
GLC	GLULAM COLUMN - LIGHT ASH
GLF	GLULAM FIN - LIGHT ASH
GU	GUTTER - BLACK
LF	LIGHT FIXTURE -REFER TO ELECTRICAL
MC1	METAL CLADDING - CHARCOAL
MC2	METAL CLADDING VERTICAL - STONE GREY
MC3	METAL CLADDING HORIZONTAL - ESPRESSO
MC4	METAL CLADDING - LIGHT ASH
PAR	PARGING
RTU	ROOF TOP UNIT - REFER TO MECHANICAL
SDB	SCUPPER DRAIN BOXED - BLACK
SF1	METAL SOFFIT - LIGHT ASH

MATERIAL LEGEND

TYPE MARK: MATERIAL:

CS1 — **CULTURED STONE**
COLOUR: GLACIER
STYLE: EUROPEAN LEDGE
MANUFACTURER: ELDORADO LEDGE

MC1 — **METAL CLADDING**
COLOUR: CASCADIA CHARCOAL
BASIS OF DESIGN: LENMAK / VICWEST
STYLE: ALUMINAIRE / METAL COMPOSITE PANELS

MC2 — **METAL CLADDING**
COLOUR: STONE GREY
BASIS OF DESIGN: VICWEST
STYLE: VERTICAL CLADDING - AD 300mm

MC3 — **METAL CLADDING**
COLOUR: ESPRESSO WOOD GRAIN
BASIS OF DESIGN: LUX
STYLE: HORIZONTAL CLADDING, V-GROOVE 150mm

MC4 — **METAL CLADDING**
COLOUR: LIGHT ASH WOOD GRAIN
BASIS OF DESIGN: LUX
STYLE: HORIZONTAL CLADDING, V-GROOVE 150mm

SF1 — **SOFFIT CLADDING**
COLOUR: LIGHT ASH WOOD GRAIN
BASIS OF DESIGN: LUX
STYLE: SMOOTH SOFFIT, V-GROOVE 150mm

GLB, GLC, GLF — **GLULAM BEAM, COLUMN, FIN**
COLOUR: LIGHT ASH WOOD GRAIN
BASIS OF DESIGN: WESTERN ARCHRIB
STYLE: WOOD STAINED GLULAM

*BASIS OF DESIGN: ALTERNATIVE PRODUCTS TO BE REVIEWED

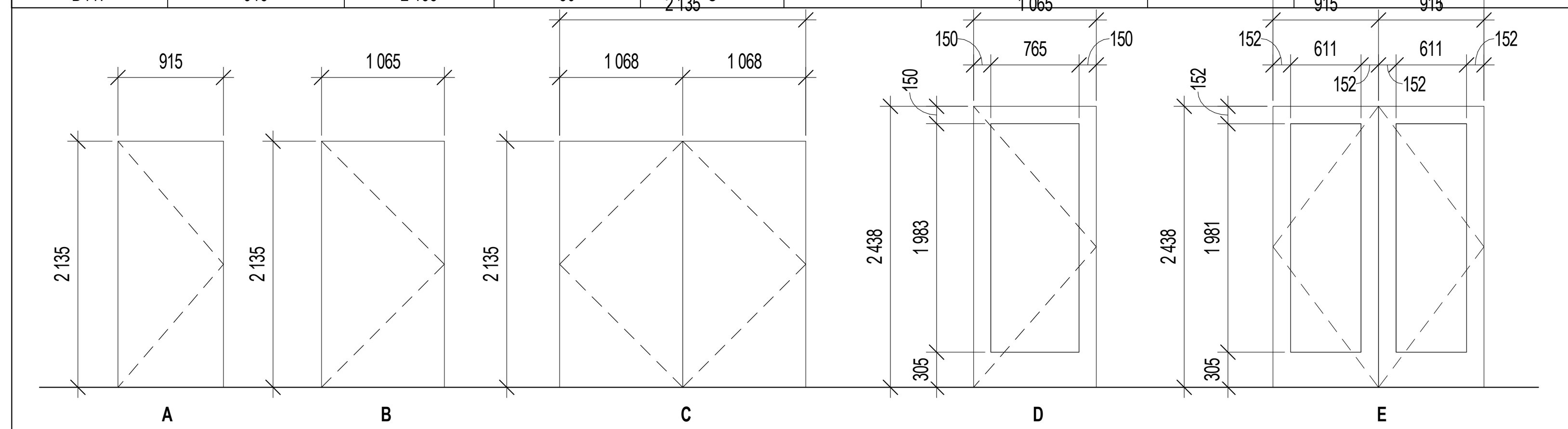
DOOR AND FRAME SCHEDULE:

DOOR NO.	DOOR LEAF SIZE			DOOR				FRAME			FIRE LABEL	COMMENTS
	WIDTH	HEIGHT	THK	TYPE	MATERIAL	FINISH	GLASS	MATERIAL	TYPE	FINISH		
D100	1 830	2 438	50	A	AL-TB	BLACK ANODIZED	TPG	AL-TB	5	BLACK ANODIZED	~	
D101	1 830	2 438	50	A	ALUM	BLACK ANODIZED	TPG	ALUM	5	BLACK ANODIZED	~	
D102	1 830	2 438	50	A	AL-TB	BLACK ANODIZED	TPG	AL-TB	5	BLACK ANODIZED	~	
D103	1 830	2 135	50	B	IHM	PAINTED BLACK	-	PS-TB	3	PAINTED BLACK	~	
D104	915	2 135	50	C	IHM	PAINTED BLACK	-	PS-TB	1	PAINTED BLACK	45 MIN	
D105	915	2 135	50	C	IHM	PAINTED BLACK	-	PS-TB	1	PAINTED BLACK	45 MIN	
D106	1 065	2 135	50	D	IHM	PAINTED BLACK	-	PS-TB	2	PAINTED BLACK	~	
D107	1 065	2 135	50	D	IHM	PAINTED BLACK	-	PS-TB	2	PAINTED BLACK	~	
D108	1 065	2 438	50	E	AL-TB	BLACK ANODIZED	TPG	AL-TB	4	BLACK ANODIZED	~	
D109	1 065	2 438	50	E	AL-TB	BLACK ANODIZED	TPG	AL-TB	4	BLACK ANODIZED	~	
D110	914	320	50	F	HM	PAINTED BLACK	-	PS	~	PAINTED BLACK	~	ROOF HATCH: REFER TO MANUFACTURER SPECIFICATIONS
D111	3 050	3 657.6	53.98	85								
D112	3 050	3 657.6	53.98	85								
D113	915	2 135	50	86								
D114	915	2 135	50	86								
D115	915	2 135	50	C								
D116	915	2 135	50	C								
D117	915	2 135	50	C								

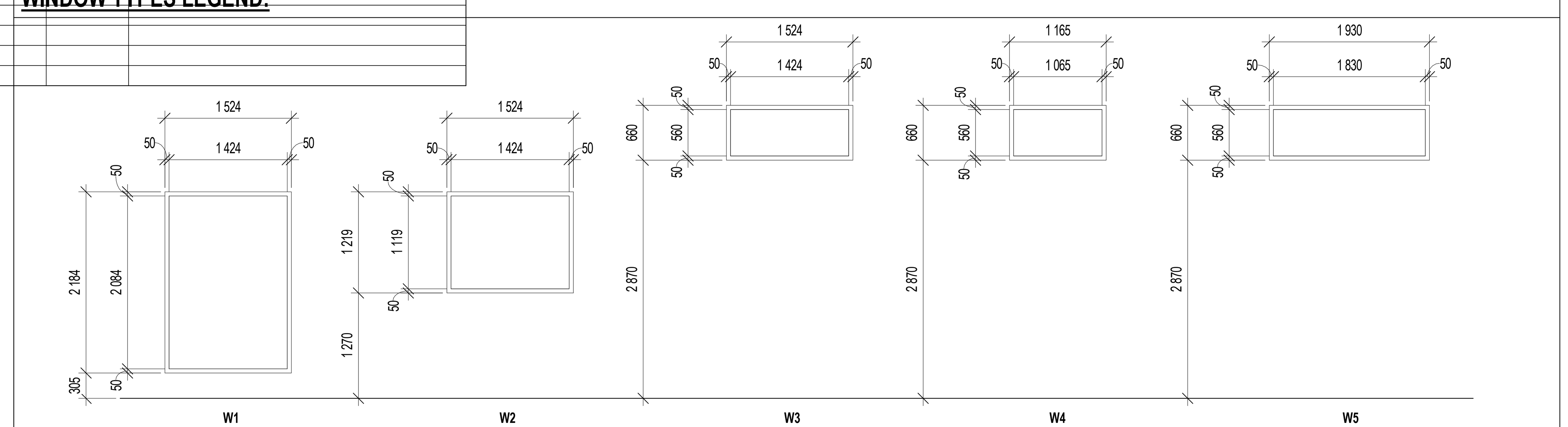
WINDOW SCHEDULE:

TYPE MARK	TYPE	WIDTH	HEIGHT	SILL HEIGHT	FRAME MATERIAL	COMMENTS
W1	Fixed - 5' x 7'2"	1 524	2 184	305	PVC, ALUMINUM CLAD	BLACK ANODIZED, TRIPLE PANE, LOW E, ARGON FILLED
W2	Fixed - 5' x 4'	1 524	1 219	1 270	PVC, ALUMINUM CLAD	BLACK ANODIZED, TRIPLE PANE, LOW E, ARGON FILLED
W3	Fixed - 5' x 2'4"	1 524	660	2 870	PVC, ALUMINUM CLAD	BLACK ANODIZED, TRIPLE PANE, LOW E, ARGON FILLED
W4	Fixed - 3'10" x 2'4"	1 165	660	2 870	PVC, ALUMINUM CLAD	BLACK ANODIZED, TRIPLE PANE, LOW E, ARGON FILLED
W5	Fixed - 6'4" x 2'4"	1 930	660	2 870	PVC, ALUMINUM CLAD	BLACK ANODIZED, TRIPLE PANE, LOW E, ARGON FILLED

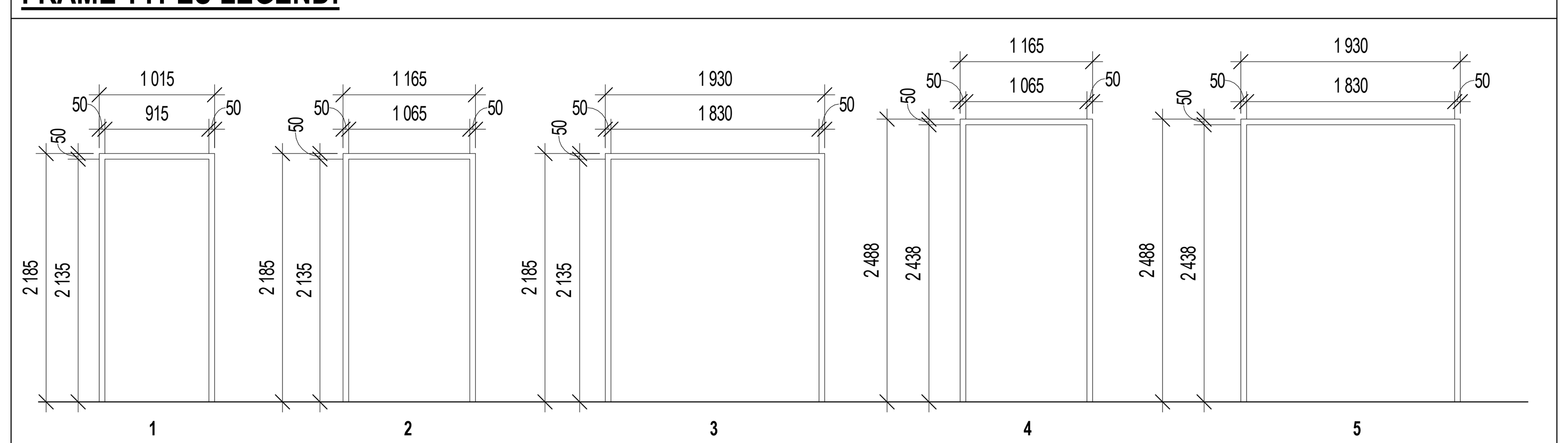
DOOR TYPES LEGEND:

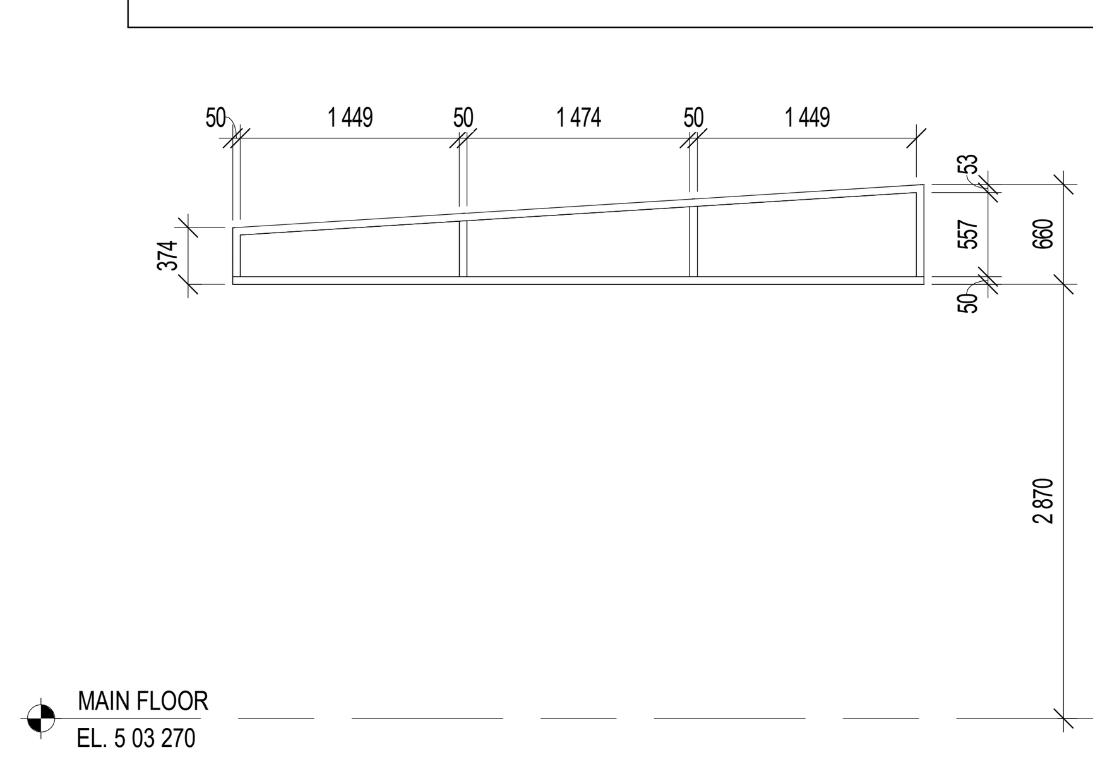


WINDOW TYPES LEGEND:

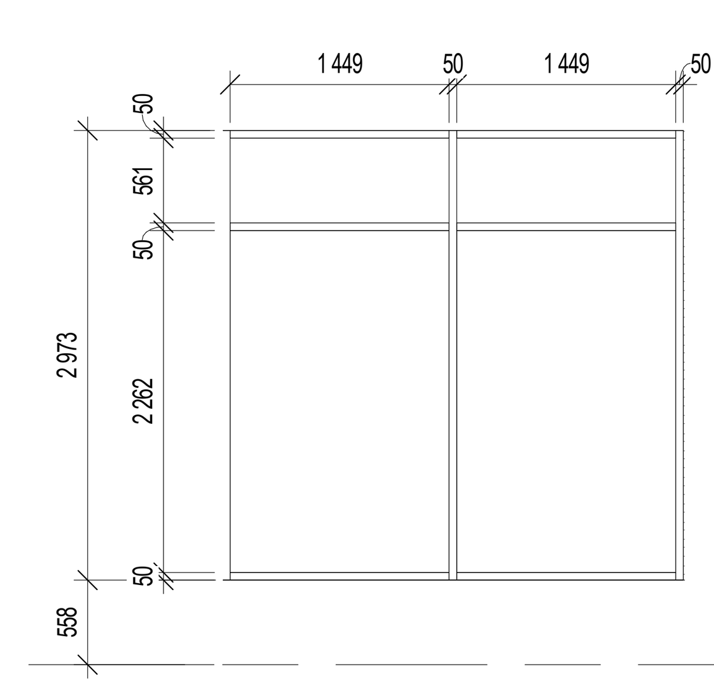


FRAME TYPES LEGEND:

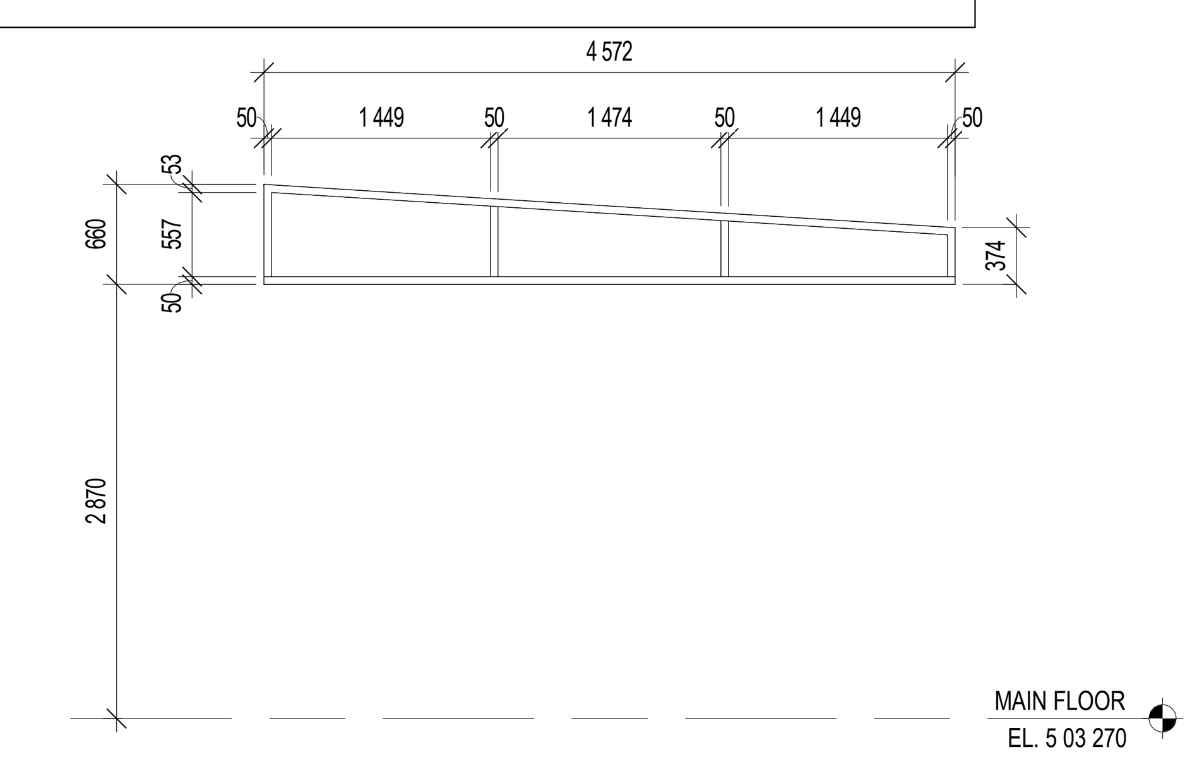




5 A2.7 **NORTH ELEVATION WINDOW**
SCALE: 1 : 50



6 A2.7 **WEST ENTRANCE WINDOW**
SCALE: 1 : 50



7 A2.7 **SOUTH ELEVATION WINDOW**
SCALE: 1 : 50

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Do not scale drawings.

Verify all dimensions on site and report all errors and omissions to the Architect. Comply with all Codes and Regulations applicable to the performance of the work.

revisions:

no.:	date:	description:
1	12.21.2020	INVITATION FOR TENDER
0	09.30.2020	ISSUED FOR CONTRACT DOCUMENTS

consultant:

seal:

permit:

client: **PARKE PACIFIC**

project: **KFN - SASKATOON GAS STATION**

SASKATOON, SASKATCHEWAN

drawn by:	reviewed:
AM/ DR	DS
scale:	approved:
As indicated	DS
date:	project no:
11.10.2020	2020-07

drawing title: **BUILDING ELEVATIONS**

drawing no:	revision no:
A2.7	1