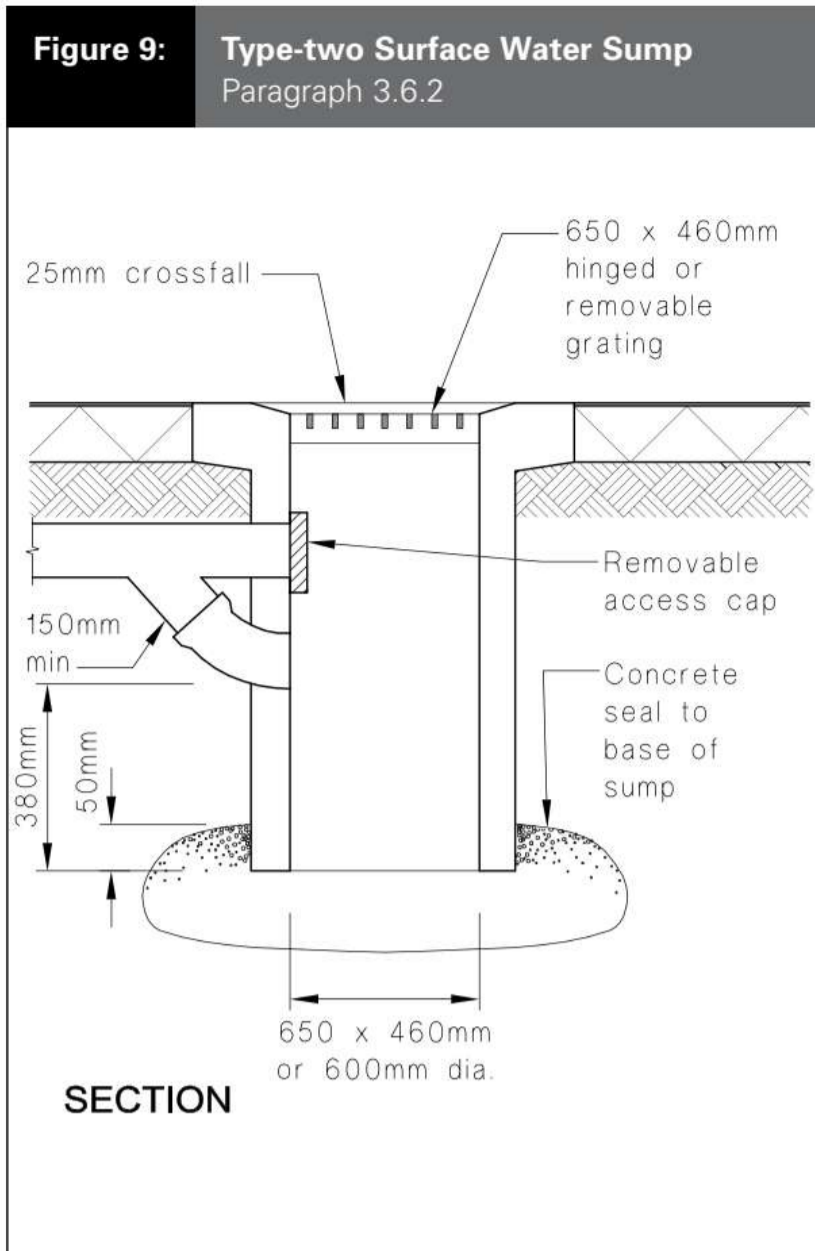


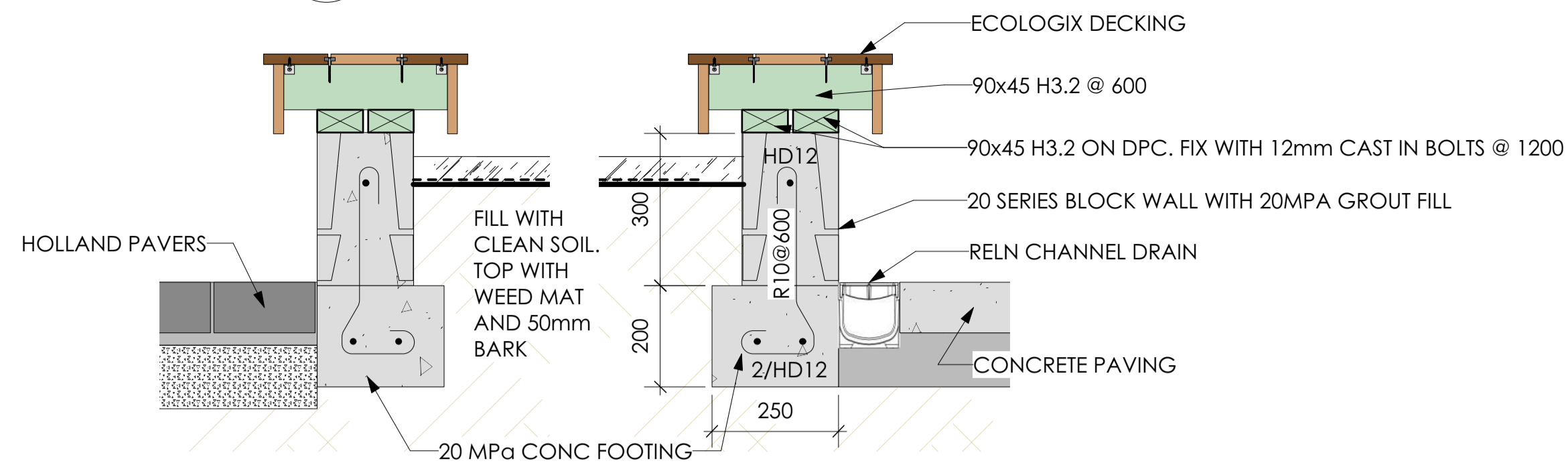
TAWHERO SCHOOL



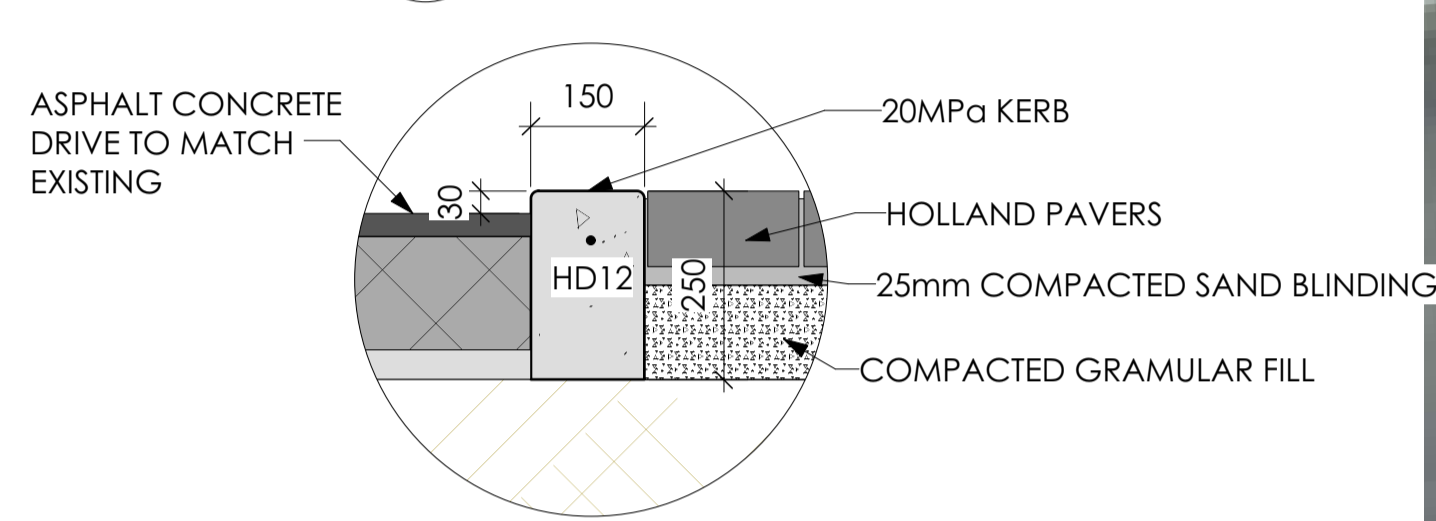
STAGE 2 ALTERATIONS



8 PLANTER
01 scale A1-1:10 A3-1:20

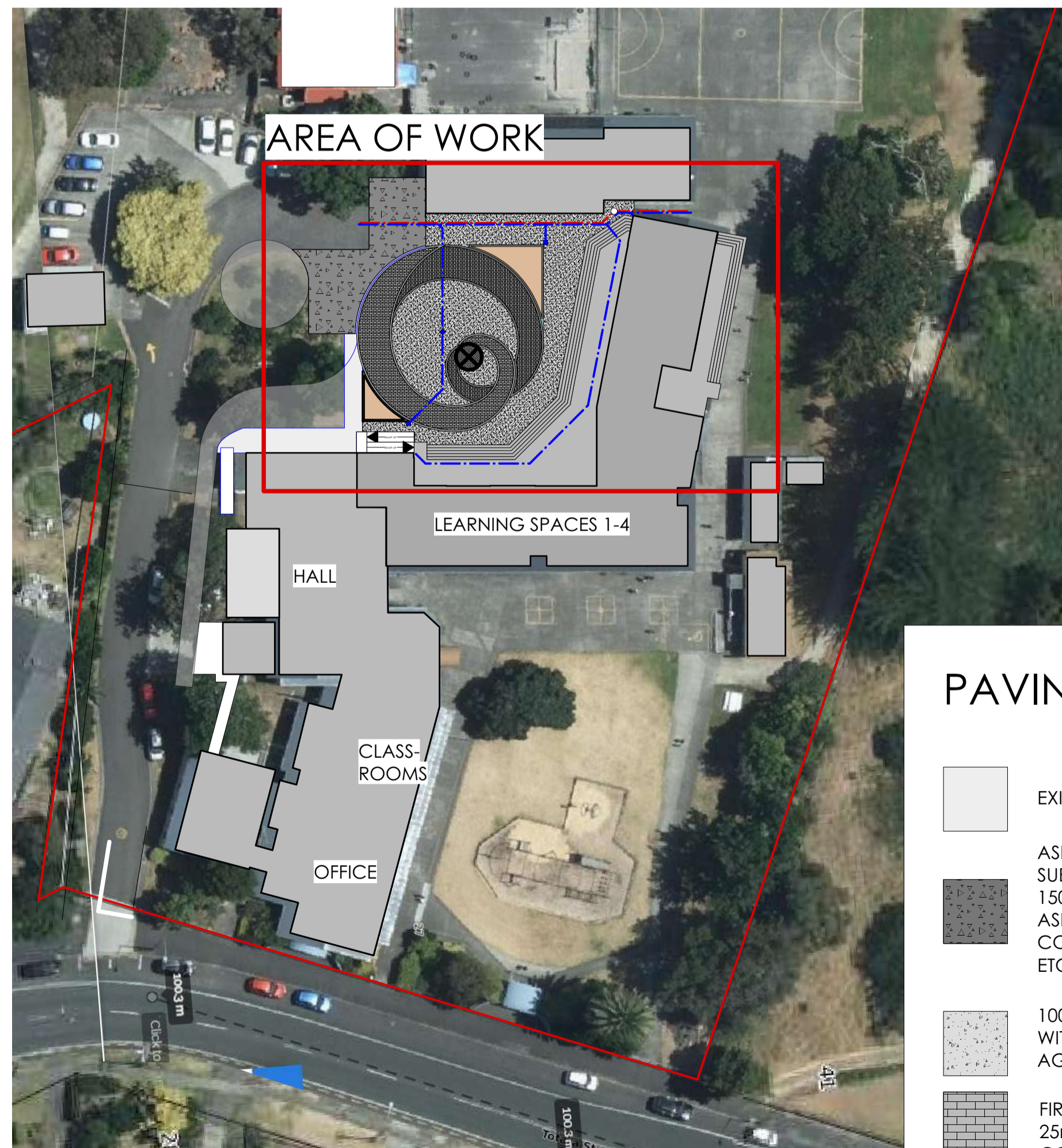


7 KERB
01 scale A1-1:10 A3-1:20



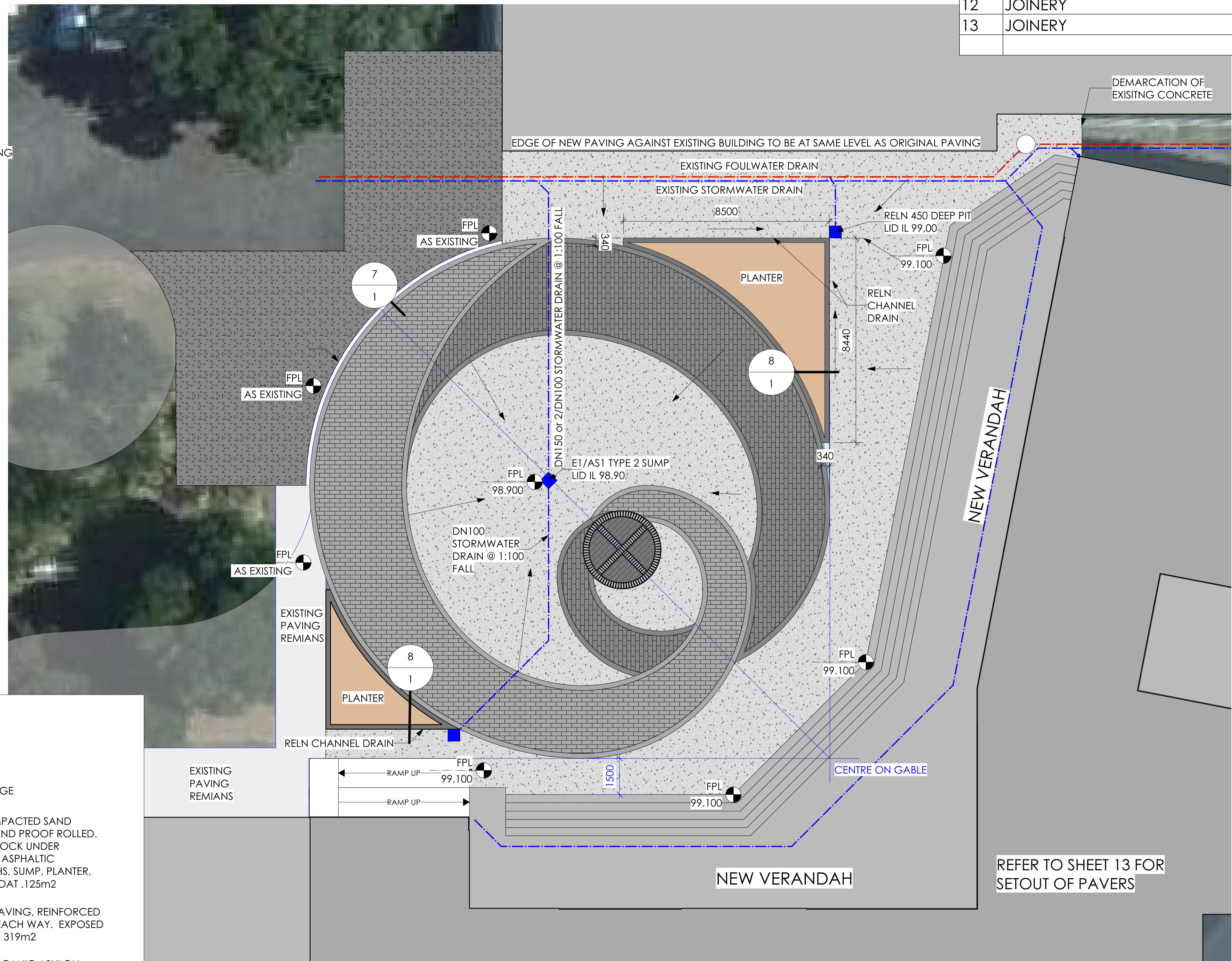
SITE PLAN

SCALE A1-1:500 A3-1:1000



PAVING KEY

- EXISTING PAVING- NO CHANGE
- ASPHALTIC CONCRETE: COMPACTED SAND SUBBASE, GRADED TO FALL AND PROOF ROLLED. 150mm COMPACTED SHELLROCK UNDER ASPHALTIC CONCRETE. 25MM ASPHALTIC CONCRETE DRESSED TO PATHS, SUMP, PLANTER, ETC. ALLOW FOR BINDING COAT. 125m²
- 100mm 20MPa CONCRETE PAVING, REINFORCED WITH 668 MESH, CUT AT 3m EACH WAY. EXPOSED AGGREGATE FINISH. APPROX 319m²
- FIRTH HOLLAND PAVERS 'VOLCANIC ASH' ON 25mm COMPACTED SAND SCREED ON 100mm min COMPACTED CRUSHED STONE BASE. 103m²
- FIRTH HOLLAND PAVERS 'BLACK SANDS' ON 25mm COMPACTED SAND SCREED ON 100mm min COMPACTED CRUSHED STONE BASE. 123m²



PAVING PLAN
SCALE A1-1:100 A3-1:200

DRAWING LIST

| No | Drawing Title |
|-----|-----------------------------|
| 01 | SITE LANDSCAPING PLAN |
| 02 | EXISTING PLAN |
| 03 | SUB FLOOR PLANS |
| 04 | FLOOR & BRACING PLAN |
| 04a | ROOM 5 & 6 DETAILS |
| 04b | LIBRARY & ABLUTIONS DETAILS |
| 05 | ELECTRICAL & BRACING |
| 06 | ROOF PLANCE |
| 04 | ELEVATIONS |
| 08 | SECTION A, B, & C |
| 09 | SECTIONS D & E |
| 10 | INTERNAL SLIDERS & CABINETS |
| 11 | DETAILS 1 |
| 12 | JOINERY |
| 13 | JOINERY |



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Number BP113318

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| ISSUE | DATE | REVISION | PROJECT # |
|---------|------------------------------------|----------|----------------|
| PROJECT | TAWHERO SCHOOL ALTERATIONS-STAGE 2 | | 21024 |
| CLIENT | TOTARA ST WANGANUI | SCALE | 1:200 |
| DWG # | SITE LANDSCAPING PLAN | DATE | 13/8/22 TENDER |
| | | REVISION | 01 |

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DOOR SCHEDULE REFER TO SHEET 04

| LOCATION | DOOR REFERENCE | DESCRIPTION | WIDTH | HEIGHT | FINISH | LOCK / LEVER | HARDWARE |
|------------------------|----------------|---|-------------------|-------------------|---------------|--|---|
| learning Space 1 | 1 | Existing Door | n/a | n/a | Repaint | LOCKWOOD 1800 SERIES PLATE WITH 70 LEVER. MATCH EXISTING LOCKING AND LATCHING AND ALLOW TO KEY ALIKE | LOCKWOOD 2557 DOOR CLOSER |
| learning Space 2 | W09 | Existing Door | n/a | n/a | Repaint | LOCKWOOD 1800 SERIES PLATE WITH 70 LEVER. MATCH EXISTING LOCKING AND LATCHING AND ALLOW TO KEY ALIKE | LOCKWOOD 2557 DOOR CLOSER |
| WC Lobby Exterior Door | W10 | New aluminium Unit | 900 | 1980 | Powder Coated | BY ALUMINIUM JOINER. MATCH EXISTING LOCKING AND LATCHING AND ALLOW TO KEY ALIKE | LOCKWOOD 2557 DOOR CLOSER. Floor Mounted door stop (Lockwood A280SC) |
| Library | 4 | New aluminium Unit | 2/850 | 1980 | Powder coated | BY ALUMINIUM JOINER. MATCH EXISTING LOCKING AND LATCHING AND ALLOW TO KEY ALIKE | LOCKWOOD 2557 DOOR CLOSER TO MAIN LEAF. Floor Mounted door stop (Lockwood A280SC). |
| Library Office | 5 | Solid core Tawa Veneer Flush Door | 810 | 1980 | Clear Coat | LOCKWOOD 1800 SERIES PLATE WITH 70 LEVER. KEY TO LIBRARY SIDE, TURNBUCKLE TO OFFICE ALLOW TO KEY ALIKE | Floor Mounted door stop (Lockwood A280SC) Brushed S/S kick plate both sides |
| Access WC | 6 | Solid core Tawa Veneer Flush Door in CS cavity slider frame | 910 | 1980 | Clear Coat | | Brushed S/S kick plate both sides. 200X200 Door Grille Vent. |
| Staff WC | 7 | Solid core Tawa Veneer Flush Door in CS cavity slider frame | 760 | 1980 | Clear Coat | | Brushed S/S kick plate both sides. 200X200 Door Grille Vent. Floor Mounted door stop (Lockwood A280SC). |
| Laundry | 8 | Solid core Tawa Veneer Flush Door in CS cavity slider frame | 760 | 1980 | Clear Coat | | Brushed S/S kick plate both sides. 200X200 Door Grille Vent. Floor Mounted door stop (Lockwood A280SC). |
| Library | 9 | Solid core Tawa Veneer Flush Door in CS cavity slider frame | to match existing | to match existing | Clear Coat | LOCKWOOD 1800 SERIES PLATE WITH 70 LEVER. KEY TO CORRIDOR SIDE, TURNBUCKLE TO LIBRARY ALLOW TO KEY ALIKE | LOCKWOOD 2557 DOOR CLOSER Brushed S/S kick plate both sides. Floor Mounted door stop (Lockwood A280SC). |
| Girls WC | 10 | Framed glass door-one payne. | 810 | 1980 | Clear Coat | legge 101 SS pull handle. Legge LG606v SS push plate. | LOCKWOOD 2557 DOOR CLOSER Brushed S/S kick plate both sides. 200X200 Door Grille Vent. Floor Mounted door stop (Lockwood A280SC). |
| Boys WC Lobby | 11 | Solid core Paint Quality Flush Door 60min fire rating | 810 | 1980 | Clear Coat | legge 101 SS pull handle. Legge LG606v SS push plate. | LOCKWOOD 2557 DOOR CLOSER Brushed S/S kick plate both sides. 200X200 Door Grille Vent. Floor Mounted door stop (Lockwood A280SC). |
| Boys WC | 12 | Solid core Paint Quality Flush Door | 810 | 1980 | Clear Coat | legge 101 SS pull handle. Legge LG606v SS push plate. | LOCKWOOD 2557 DOOR CLOSER Brushed S/S kick plate both sides. 200X200 Door Grille Vent. Floor Mounted door stop (Lockwood A280SC). |
| HWC | 13 | Solid core Paint Quality Flush Door | 710 | 1980 | Clear Coat | LOCKWOOD 1800 SERIES PLATE WITH 70 LEVER. KEY TO CORRIDOR SIDE, TURNBUCKLE TO HWC ALLOW TO KEY ALIKE | LOCKWOOD 2557 DOOR CLOSER Brushed S/S kick plate to lobby side. 200X200 Door Grille Vent. |

NOTE: Confirm all door types and hardware with owner before ordering. Refer any requested changes to Designer for confirmation
 Locks to be masterkeyed to Owners requirements
 Finish to be Satin Chrome Plate
 All sliding stacker doors to verandah to be fitted with locking hardware by joiner. Key to exterior, freely operable to interior.
 All internal sliders in learning spaces 5 & 6 to be fitted with locking hardware by joiner to match existing slider doors on learning spaces 1-4

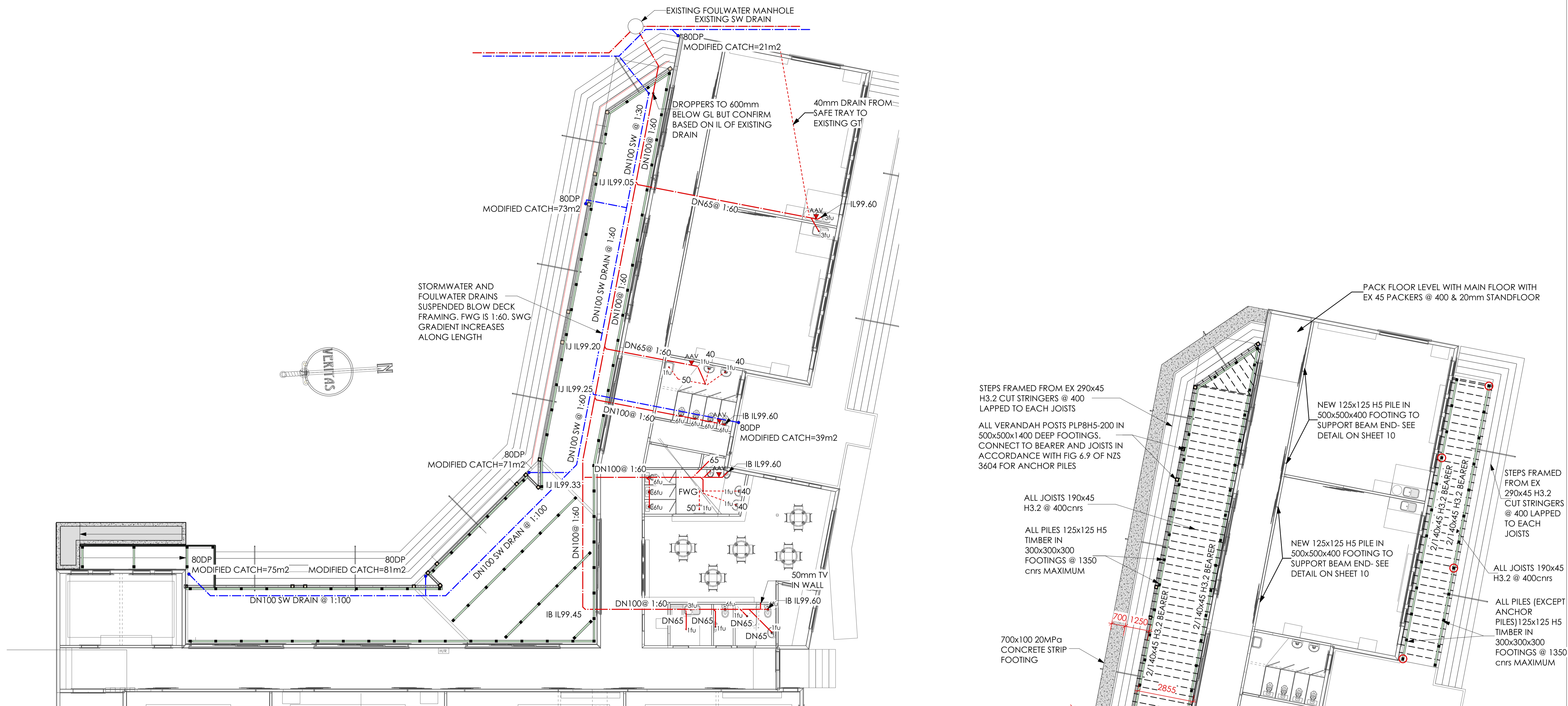


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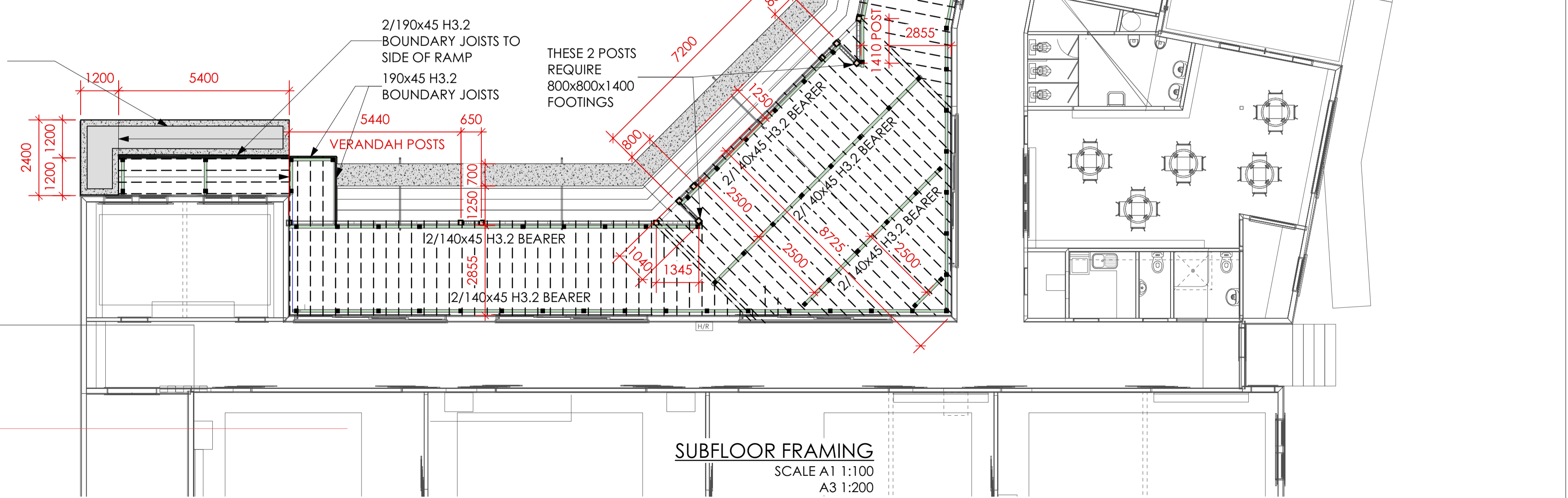
| | | | |
|---------|------------------------------------|-------------------|-----------|
| ISSUE | DATE | REVISION | PROJECT # |
| PROJECT | TAWHERO SCHOOL ALTERATIONS-STAGE 2 | | 21024 |
| CLIENT | TOTARA ST WANGANUI | SCALE | DWG # |
| DWG | EXISTING PLAN | A1-1:100 A3-1:200 | 02 |
| | | DATE | REVISION |
| | | 13/8/22 TENDER | |

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SUBFLOOR DRAINAGE
SCALE A1 1:100
A3 1:200

INSITU CONCRETE RAMP. 200 WIDE FOOTING WITH HD12 TOP AND BOTTOM AND R10 INVERTED 'U' STIRRUPS. 100mm SLAB WITH SE62 MESH. LIGHT BROOM FINISH. 1:12 GRADIENT MAXIMUM



SUBFLOOR FRAMING
SCALE A1 1:100
A3 1:200

ALL STRUCTURAL TIMBER TO BE MSG8 UNLESS OTHERWISE NOTED
ALL CONSTRUCTION TO BE IN ACCORDANCE WITH NZS 3604

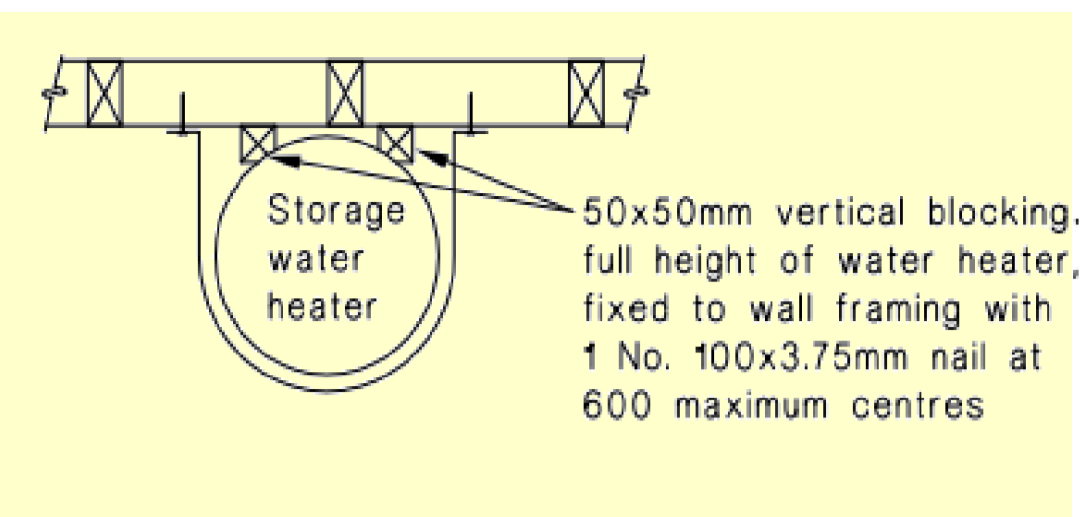


Building Practitioner
Number BP113318

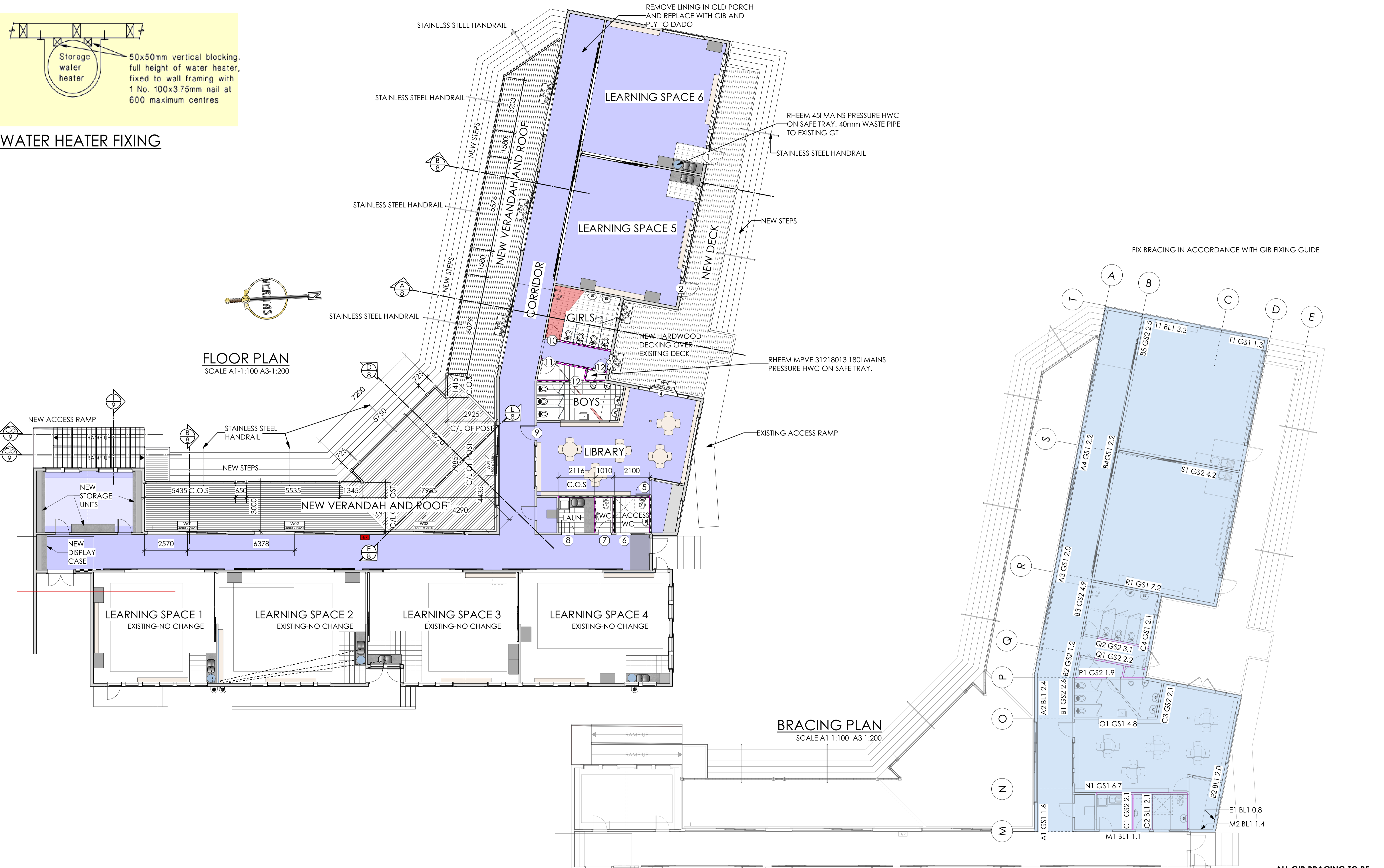
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| | | | |
|---------|------------------------------------|----------|-------------------|
| ISSUE | DATE | REVISION | PROJECT # |
| PROJECT | TAWHERO SCHOOL ALTERATIONS-STAGE 2 | | 21024 |
| CLIENT | TOTARA ST WANGANUI | SCALE | A1-1:100 A3-1:200 |
| DWG # | SUB FLOOR PLANS | DATE | 13/8/22 TENDER |
| DWG | | REVISION | 03 |

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WATER HEATER FIXING



FLOOR PLAN
SCALE A1-1:100 A3-1:200

BRACING PLAN
SCALE A1 1:100 A3 1:200

TRUSS TO TOP PLATE FIXING AS PER TRUSS DESIGN.
TOP PLATE TO STUD FIXING = LUMBERLOK STUD STRAP + 2/90x3,15 NAILS
REFER TO JOINERY SCHEDULE FOR LINTEL FIXINGS.

ALL STRUCTURAL TIMBER TO BE MSG8 UNLESS OTHERWISE NOTED
ALL CONSTRUCTION TO BE IN ACCORDANCE WITH NZS 3604

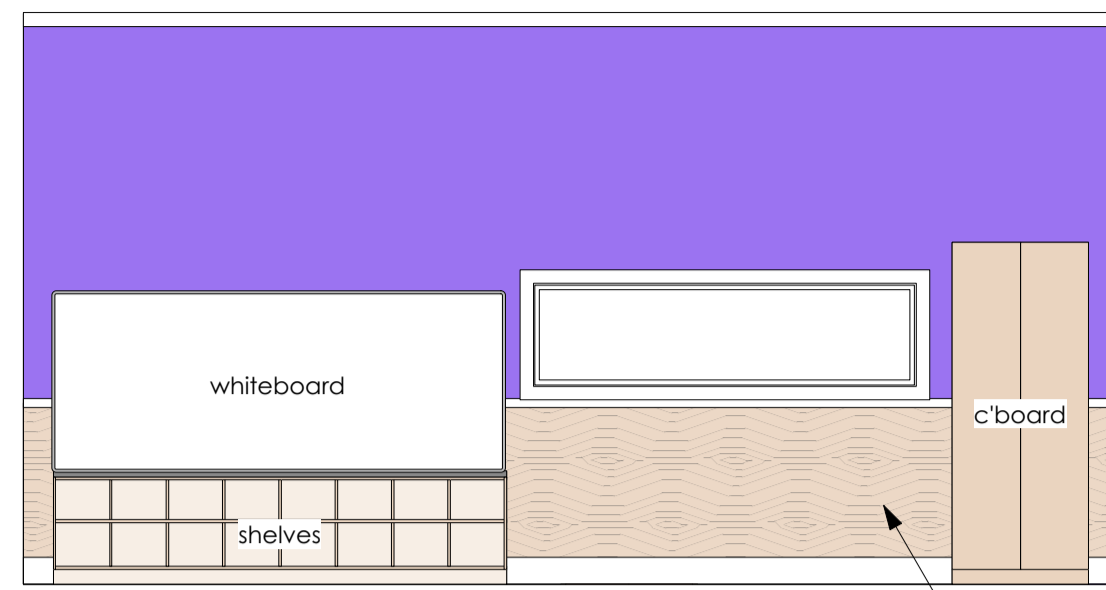
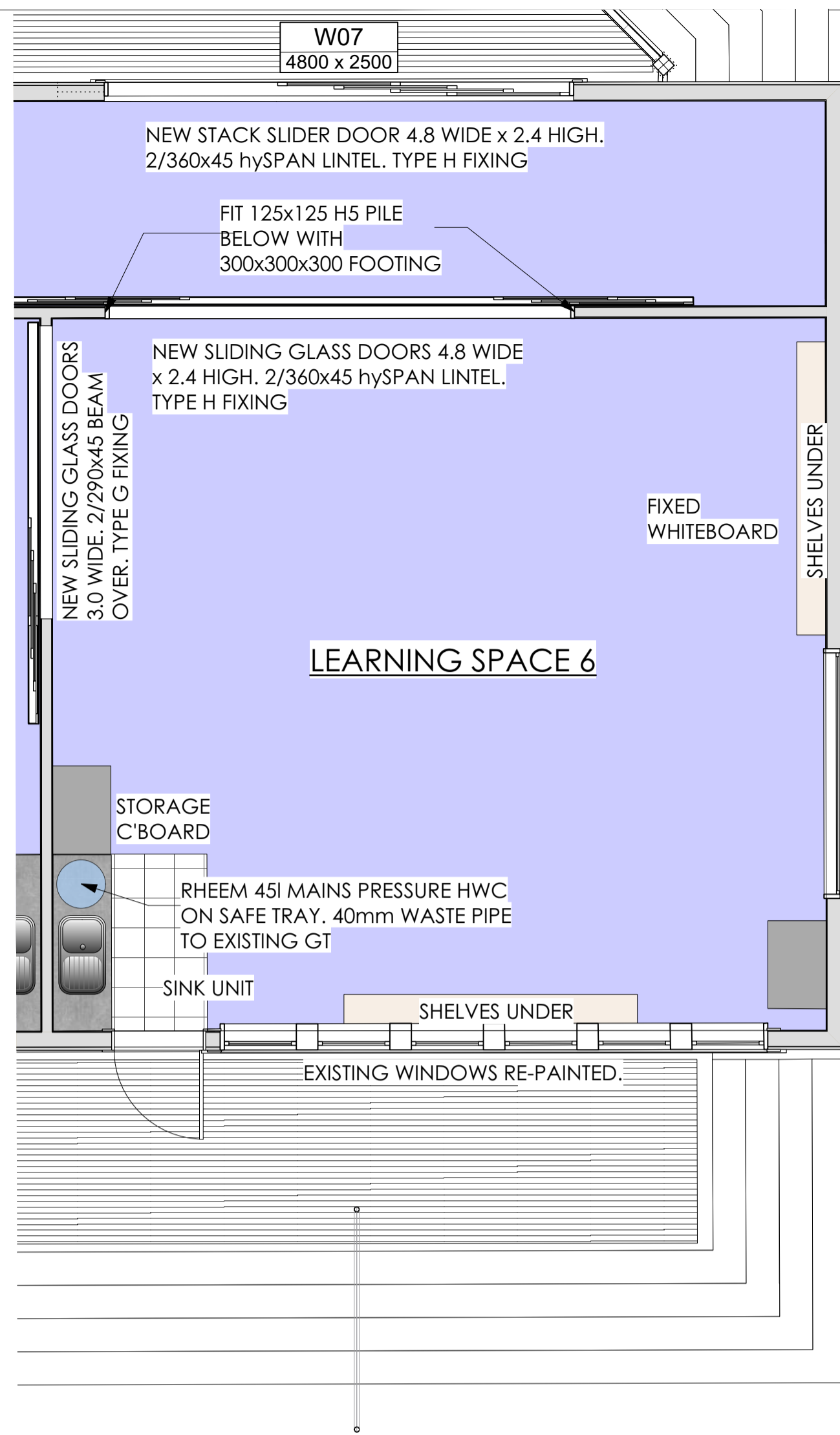
ALL GIB BRACING TO BE FIXED IN ACCORDANCE WITH GIB SITE GUIDE



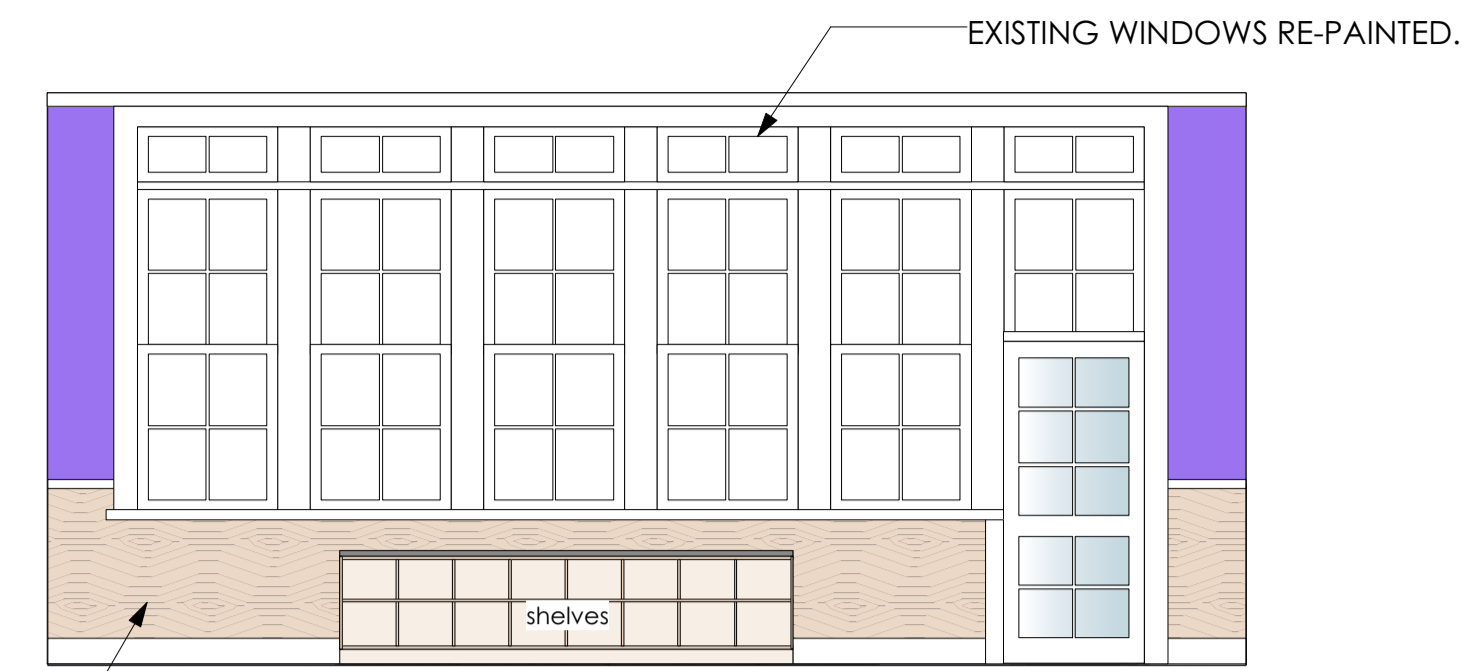
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Number BP113318

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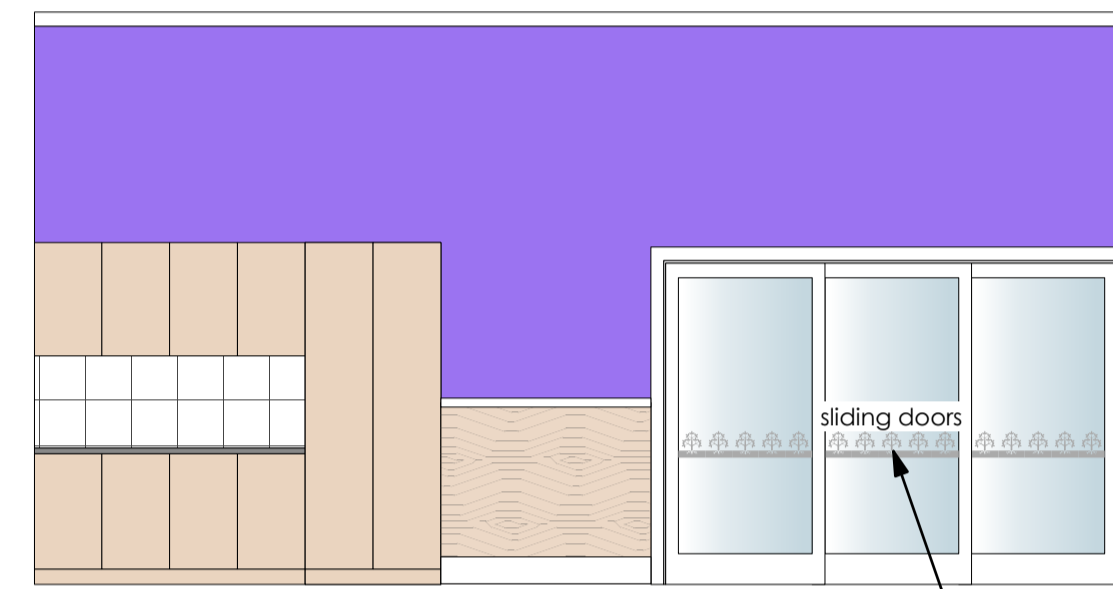
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| ISSUE | DATE | REVISION | PROJECT # |
| PROJECT | TAWHERO SCHOOL ALTERATIONS-STAGE 2 | | 21024 |
| CLIENT | TOTARA ST WANGANUI | SCALE | A1-1:100 A3-1:200 |
| DWG | FLOOR & BRACING PLAN | DATE | 13/8/22 TENDER |
| | | REVISION | 04 |
| Paul McKenna Architecture | | | 3 BUXTON RD, WANGANUI, NEW ZEALAND |
| | | | T: (06) 344 729 F: (06) 344 7269 |
| | | | E: paulmck@pma.co.nz |



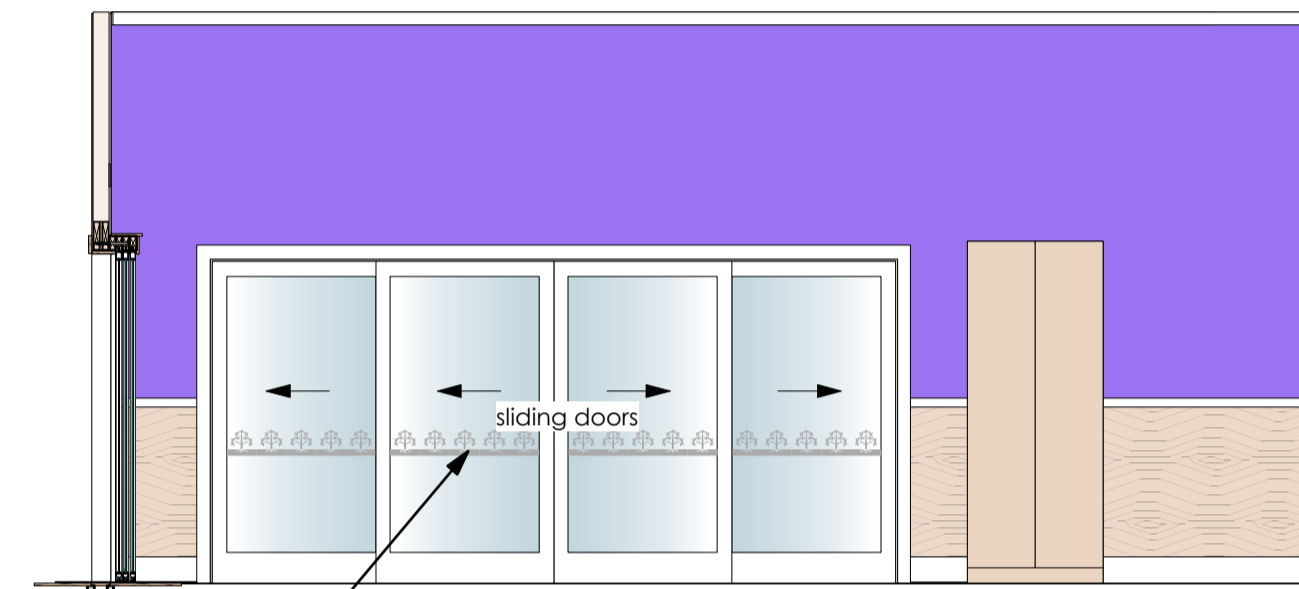
ELEVATION 1- SOUTH WALL



ELEVATION 2- EXTERNAL WALL



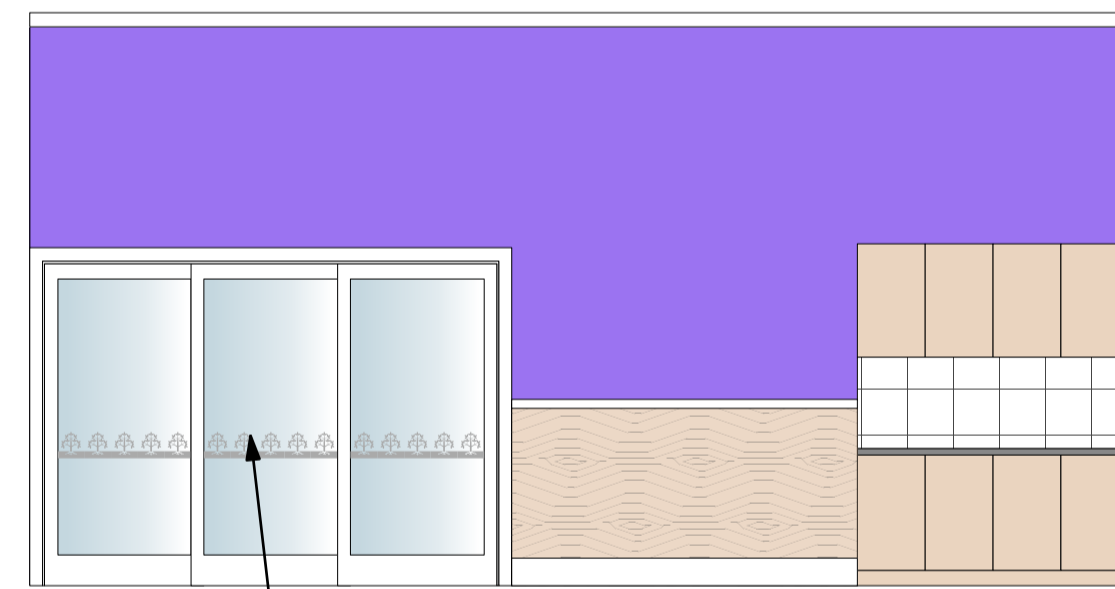
ELEVATION 3- NORTH WALL



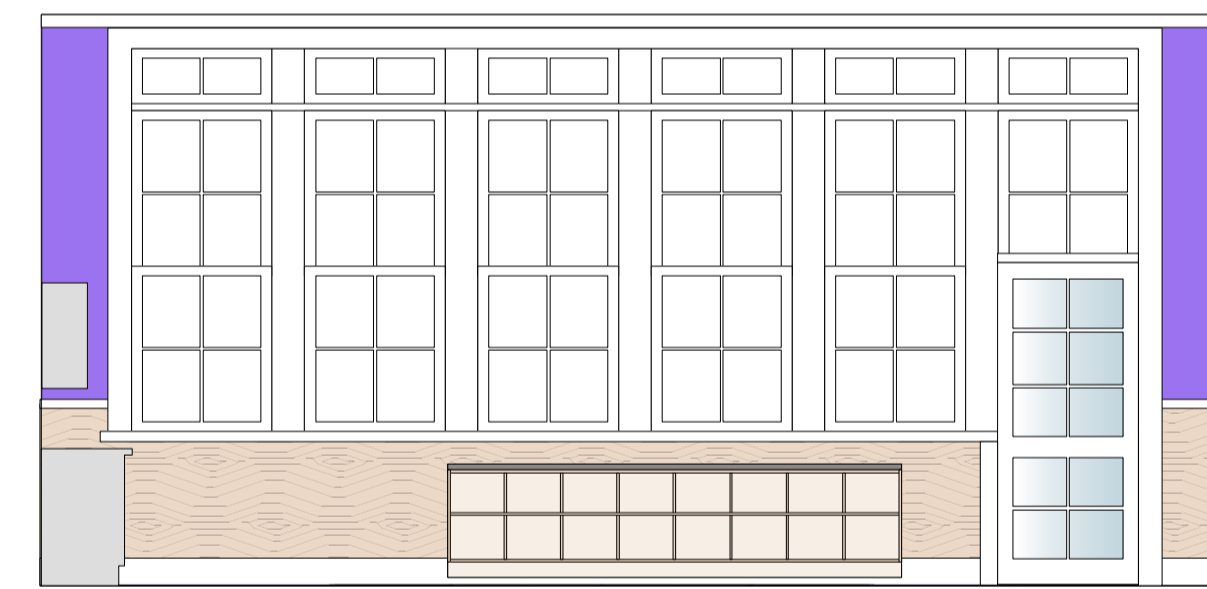
ELEVATION 4- HALL WALL

10mm BD NON
STRUCTURAL PINE
PLY

MANIFESTATION TO DOORS.
GRAPHIC FILE SUPPLIED BY
SCHOOL

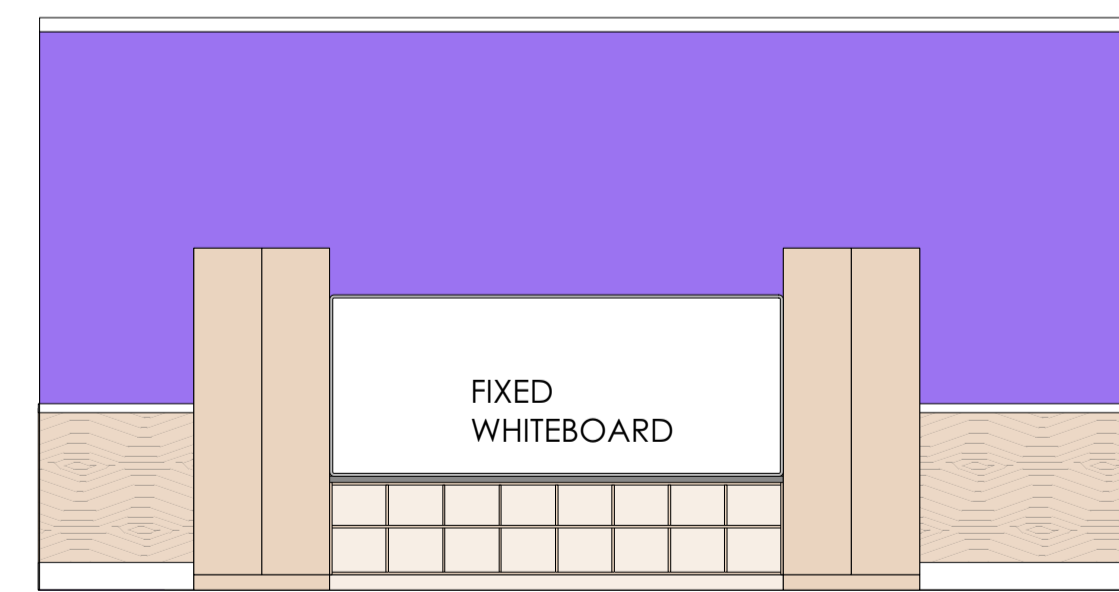


ELEVATION 1- SOUTH WALL

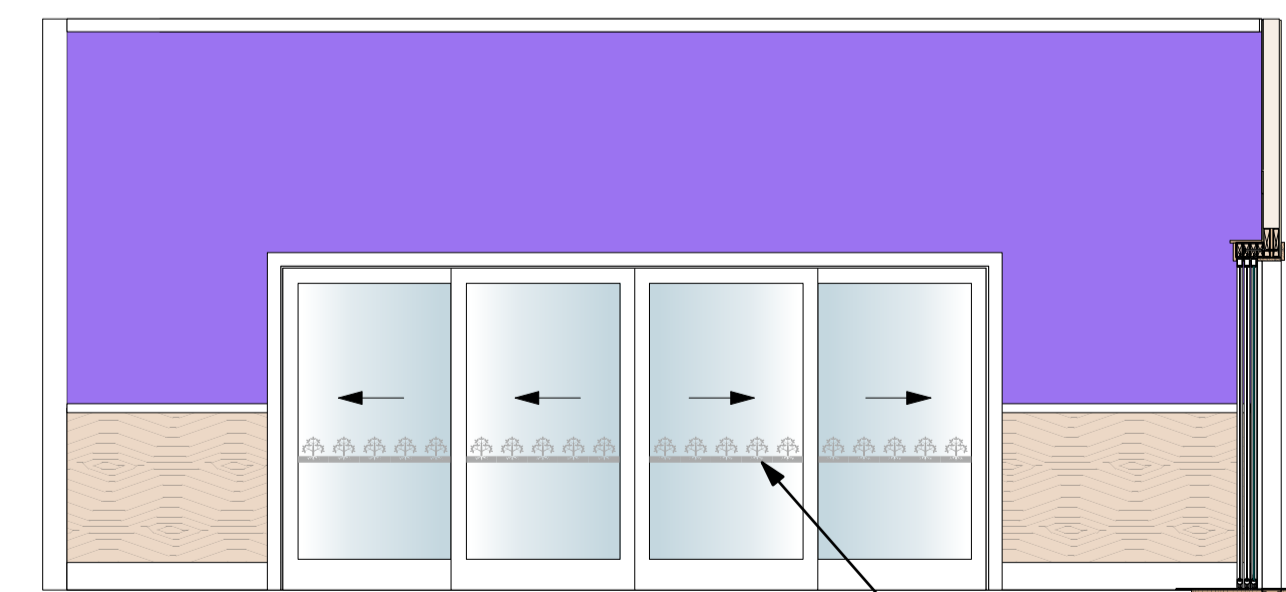


ELEVATION 2- EXTERNAL WALL

MANIFESTATION TO DOORS.
GRAPHIC FILE SUPPLIED BY
SCHOOL

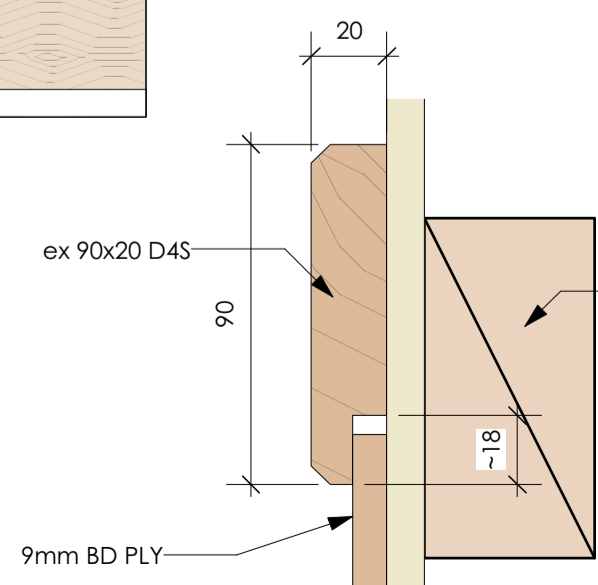
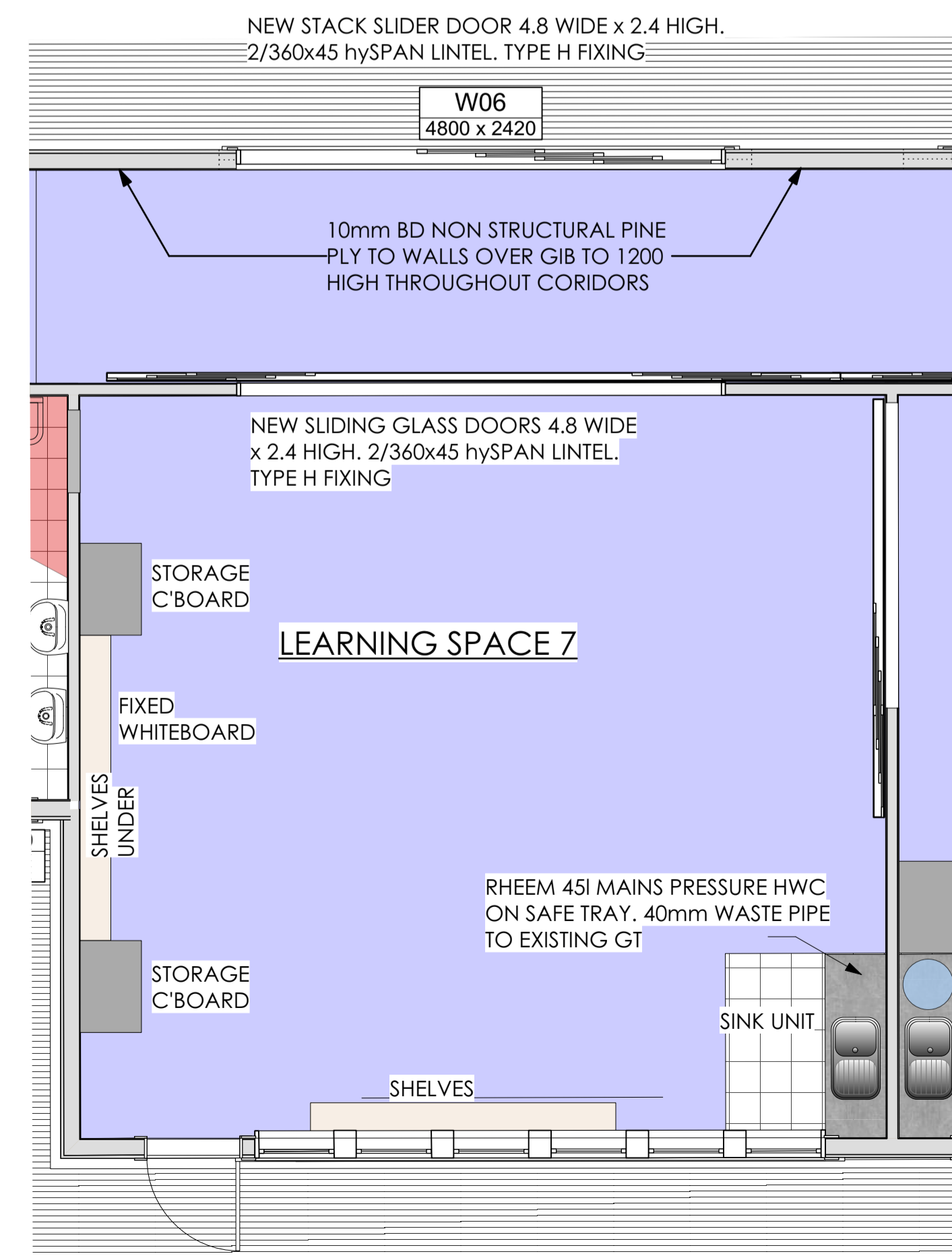


ELEVATION 3- NORTH WALL



ELEVATION 4- HALL WALL

MANIFESTATION TO DOORS.
GRAPHIC FILE SUPPLIED BY
SCHOOL



PLY DADO RAIL DETAIL
SCALE 1:2 / 1:4

LIGHTING

- THORN IQ Wave SP / IQ SURF L
- LED4250-840 HFIX LED LIGHT FIXTURE
- SUSPENDED 900 FROM CEILING

WALL/FLOOR FINISHES

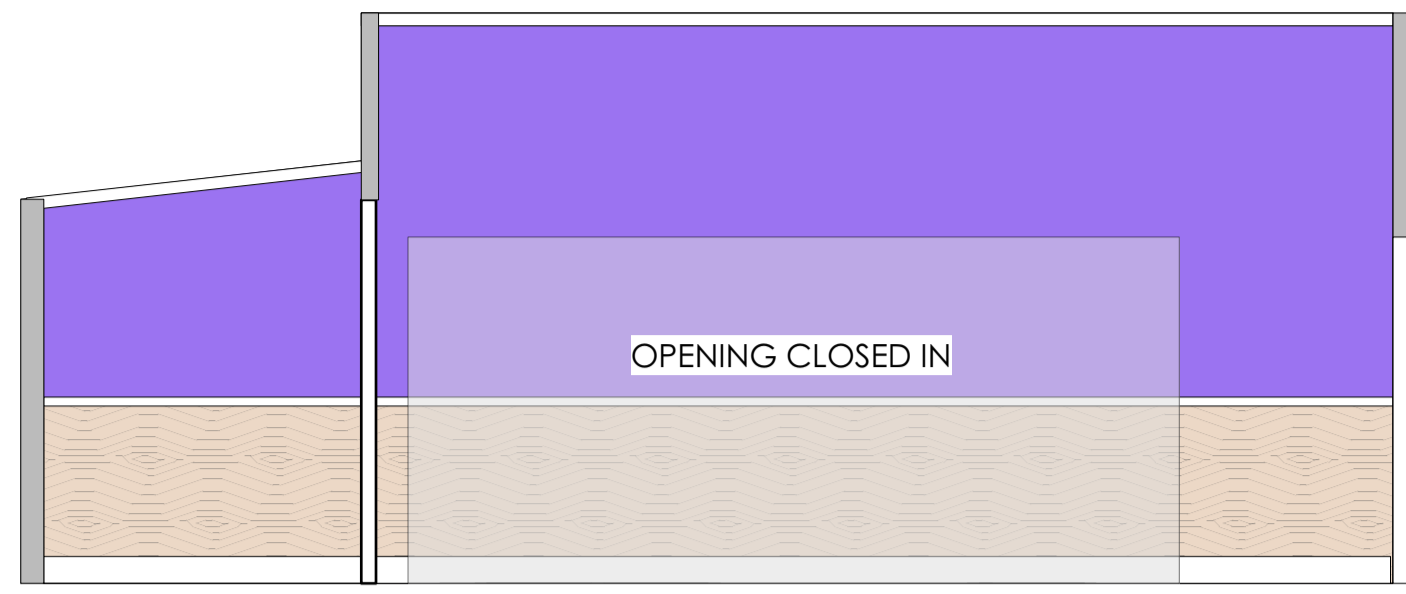
- TECSOM CITY SQUARE CARPET TILE
TILE 1 (ADVANCE FLOORING)
- ADVANCE FLOORING TARALAY
INITIAL VINYL
- AUTEX VERTEFACE- SELECTED COLOUR

| | | | |
|----------|------------------------------------|----------|------------------|
| ISSUE | DATE | REVISION | PROJECT # |
| PROJECT | TAWHERO SCHOOL ALTERATIONS-STAGE 2 | | 21024 |
| CLIENT | TOTARA ST WANGANUI | SCALE | A1-1:50 A3-1:100 |
| DWG # | ROOM 5 & 6 DETAILS | DATE | 13/8/22 TENDER |
| REVISION | | | 04a |

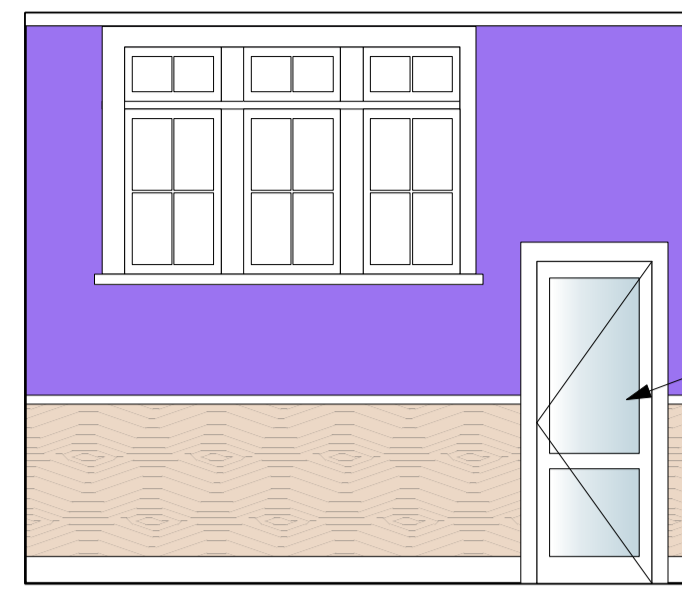
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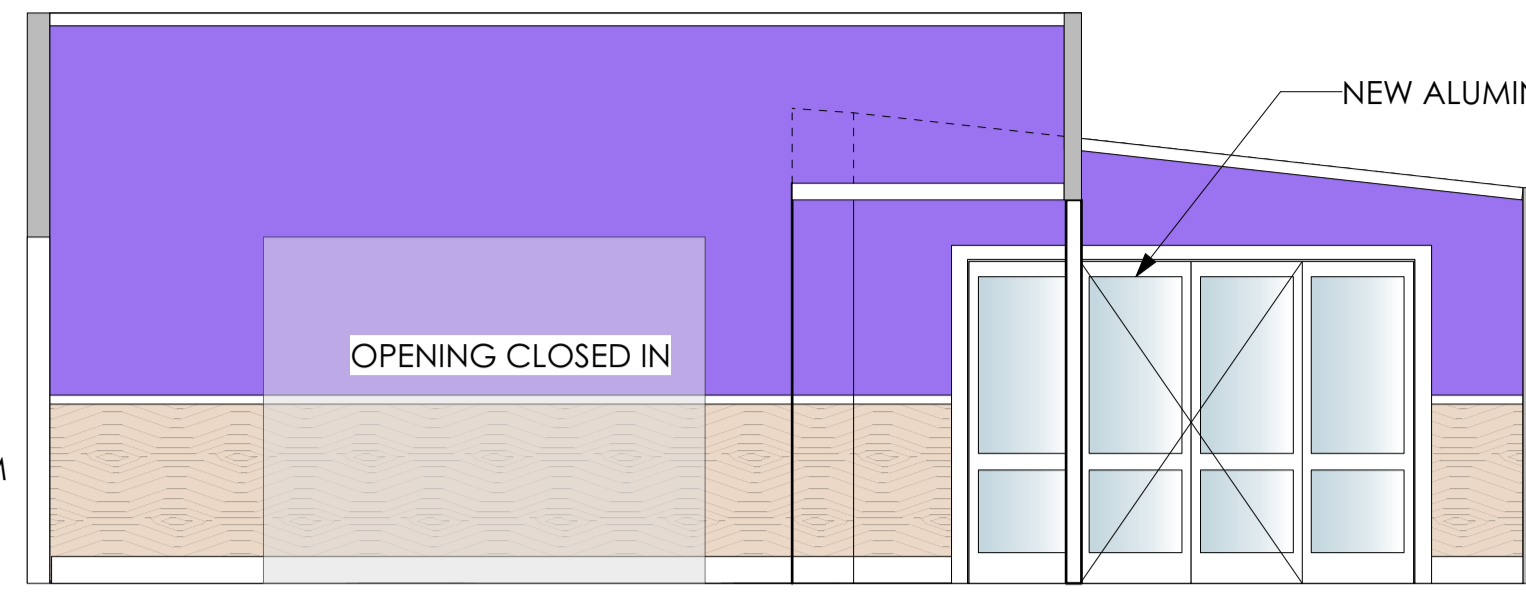
LIBRARY



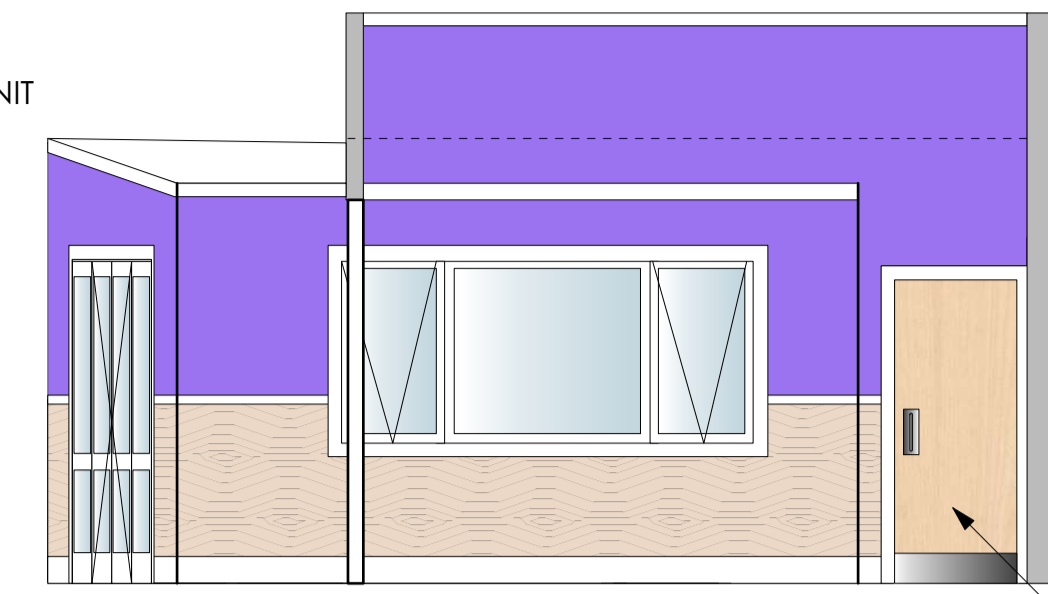
ELEVATION 1- NORTH WALL



ELEVATION 2- EAST WALL



ELEVATION 3- SOUTH WALL



ELEVATION 4- WEST WALL

LIGHTING

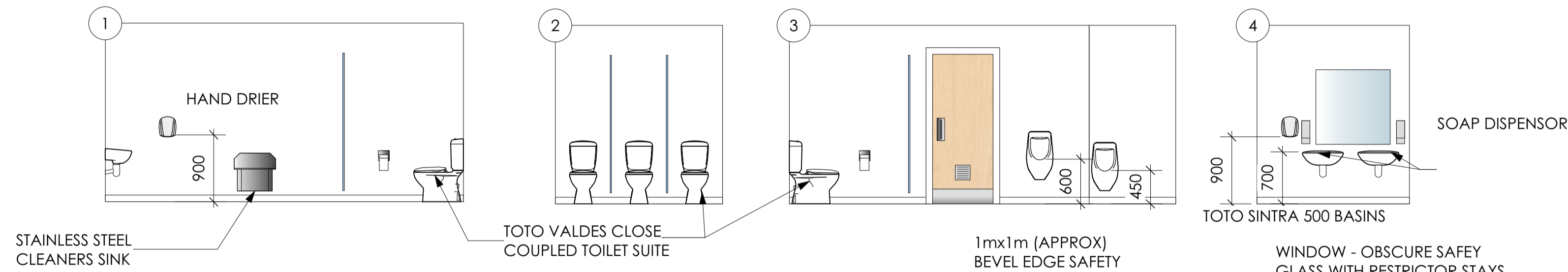
THORN IQ Wave SP / IQ SURF L LED4250-840 HFIX LED LIGHT FIXTURE SUSPENDED 900 FROM CEILING (FLUSH MOUNT IN LOWERED CEILINGS)

WALL/FLOOR FINISHES

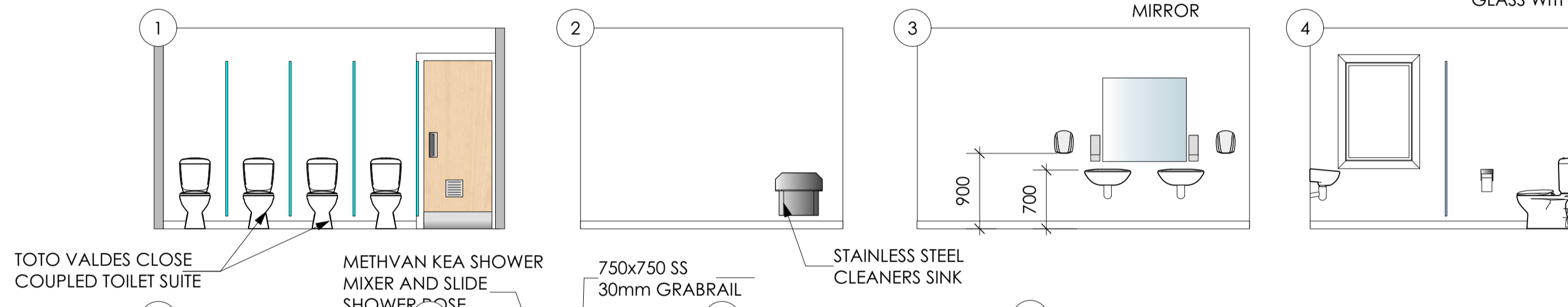
- TECSOM CITY SQUARE CARPET TILE TILE 1 (ADVANCE FLOORING)
- ADVANCE FLOORING TARA SAFE ULTRA VINYL
- AUTEX VERTIFACE- SELECTED COLOUR
- 10mm BD NON STRUCTURAL PINE PLY

LIBRARY SHELVING NOT IN CONTRACT- SCHOOL TO PROVIDE

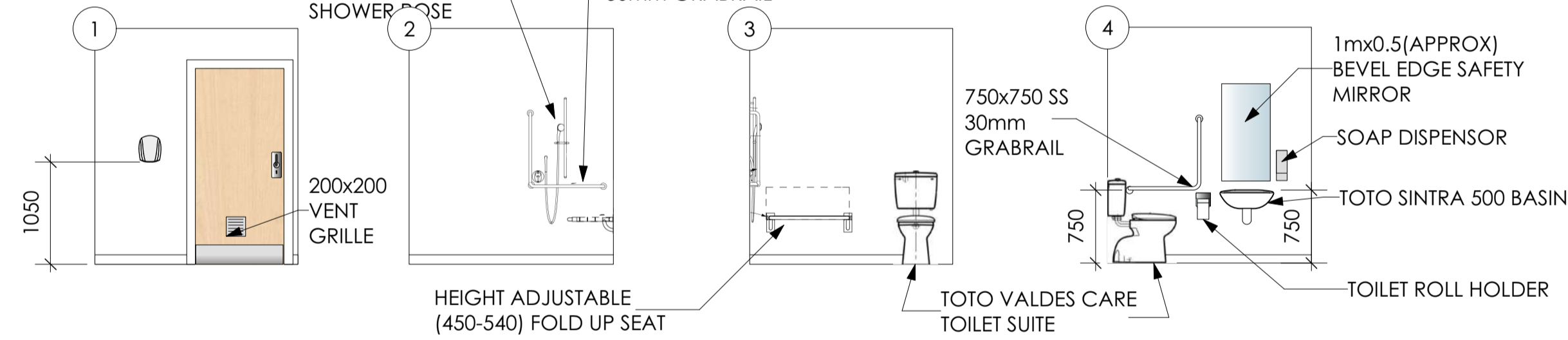
BOYS TOILET



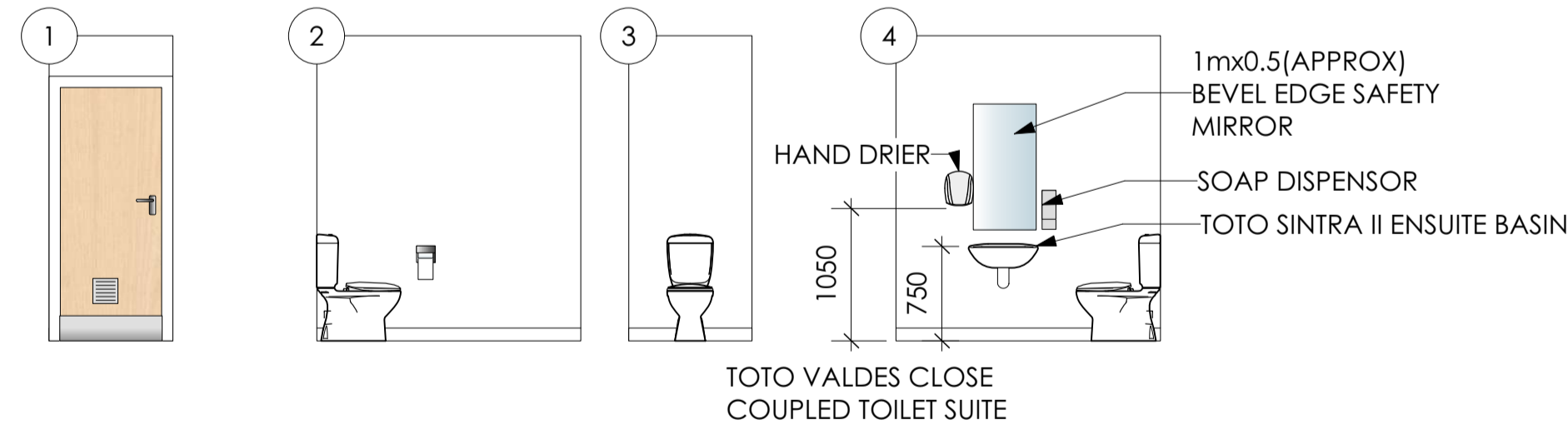
GIRLS TOILET



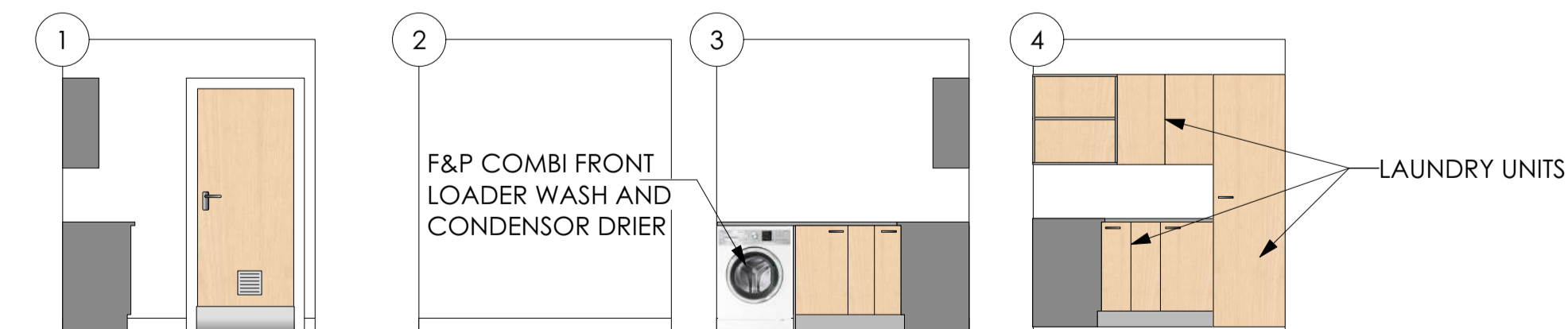
ACCESS TOILET & SHOWER



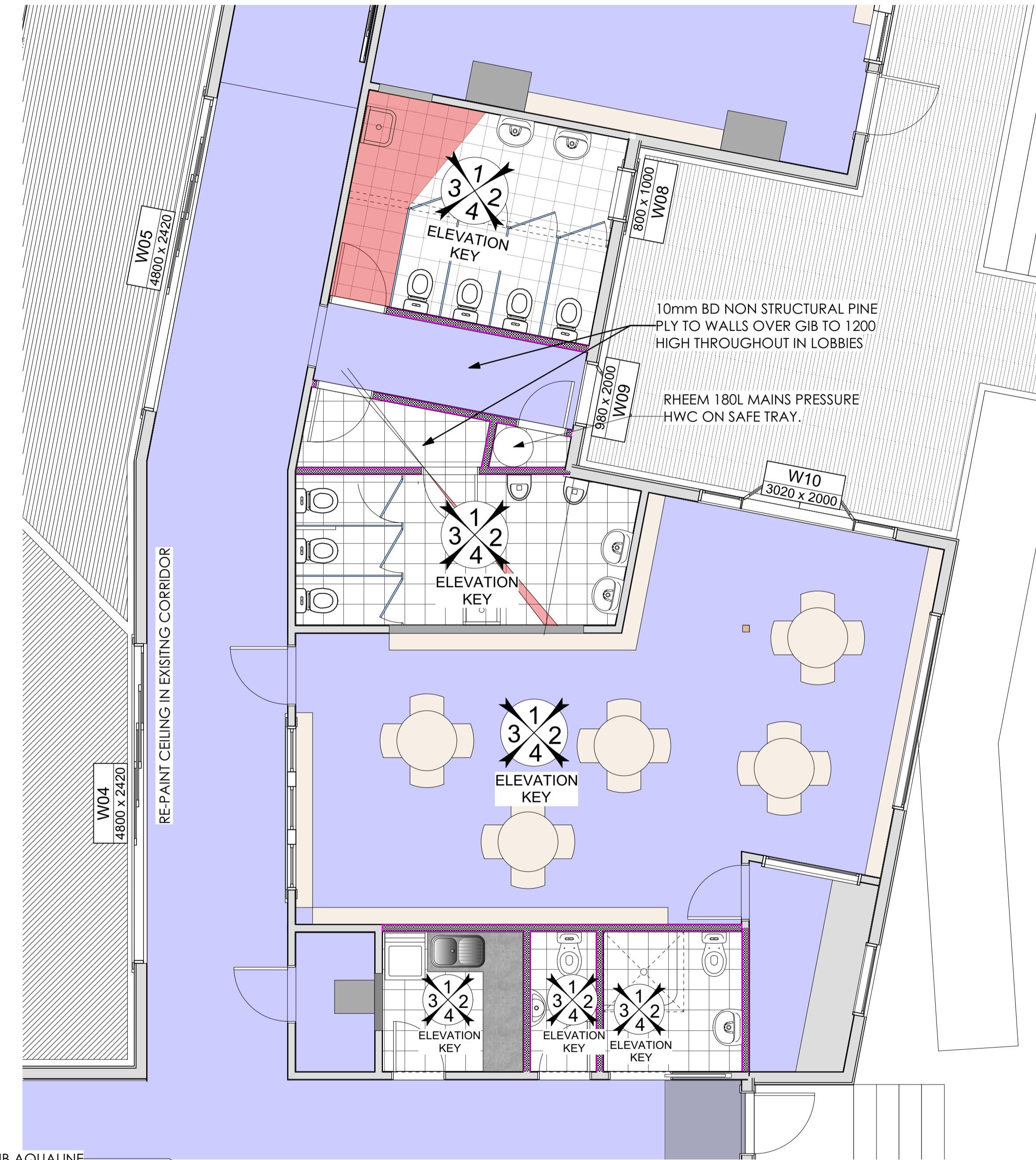
STAFF TOILET



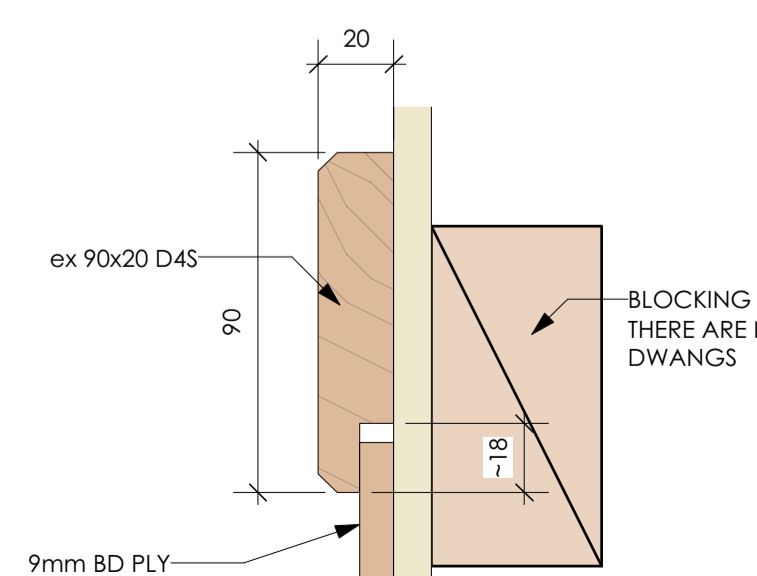
LAUNDRY



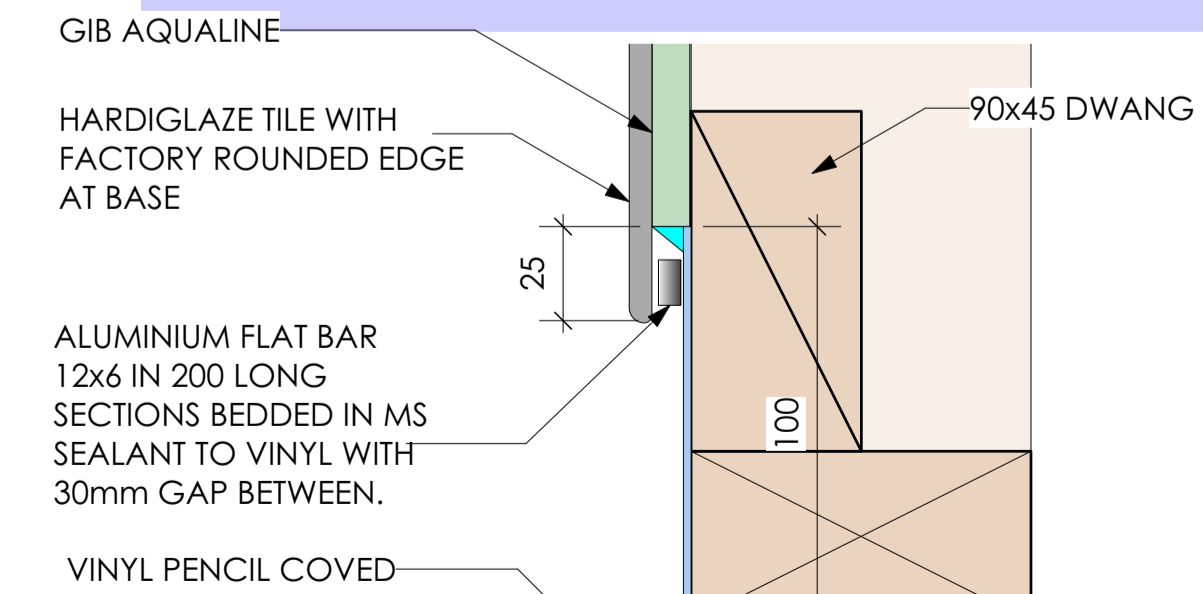
ALL WALLS TO BE HARDIGLAZE TILE ON 10mm GIB AQUALINE
 VINYL IS TO BE COVERED 100mm UP WALL AS SHOWN IN DETAIL BELOW
 TOILETS TO BE TOTO VALDES CLOSE COUPLED.
 PARTITIONS TO BE LANWOOD 'SAMSON'
 HAND DRIERS TO BE SUPREME 'AIRFORCE' 1100 WATT
 ALL DOORS TO BE SOLID CORE TAWA VENEER. FITTED WITH 200 HIGH BRUSHED S/S KICKPLATE AND 200mm AIR GRILLE BOTH SIDES



REFLECTED CEILING PLAN
 SCALE A1= 1:50 A3= 1:100



PLY DADO RAIL DETAIL
 SCALE 1:2 / 1:4




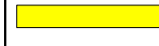







WET AREA BASE DETAIL
 SCALE 1:2 / 1:4

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|---------|------------------------------------|----------|------------------|
| ISSUE | DATE | REVISION | PROJECT # |
| PROJECT | TAWHERO SCHOOL ALTERATIONS-STAGE 2 | | 21024 |
| CLIENT | TOTARA ST WANGANUI | SCALE | A1-1:50 A3-1:100 |
| DWG # | LIBRARY & ABLUTIONS DETAILS | 2 TENDER | 04b |

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ELECTRICAL KEY

-  IC OR IC-F RATED DOWNLIGHTS
-  THORN 1Q WAVE SP LED LIGHT
-  ONE WAY SWITCH
-  DOUBLE WALL SOCKET
-  OVEN/ RANGE OUTLET
-  DATA JACK
-  METER BOX
-  FUSE BOX
-  POINT OF ENTRY

NOTES

CONFIRM THE LAYOUT OF FIXTURES WITH PRINCIPAL AFTER FRAMING IS COMPLETE.

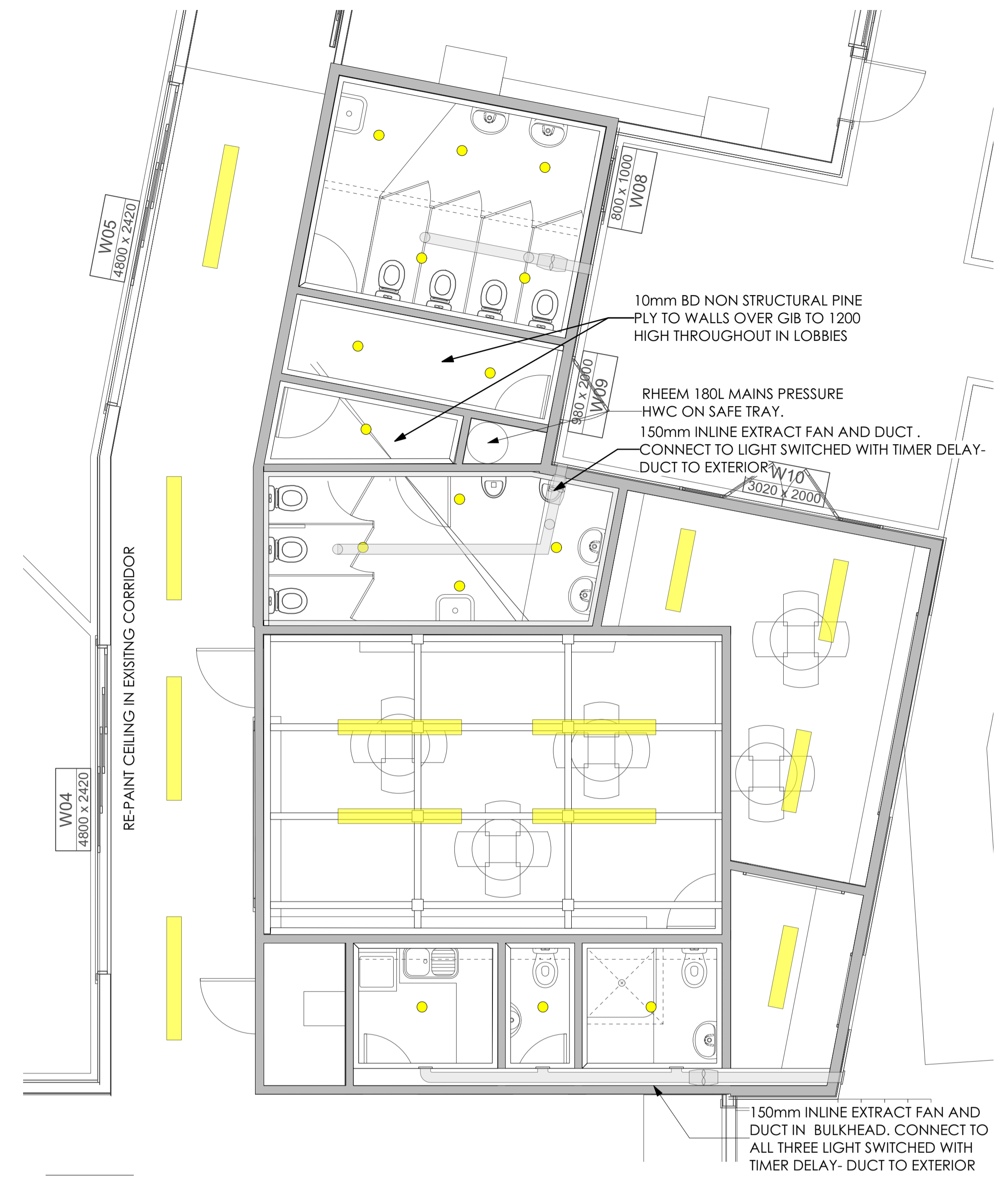
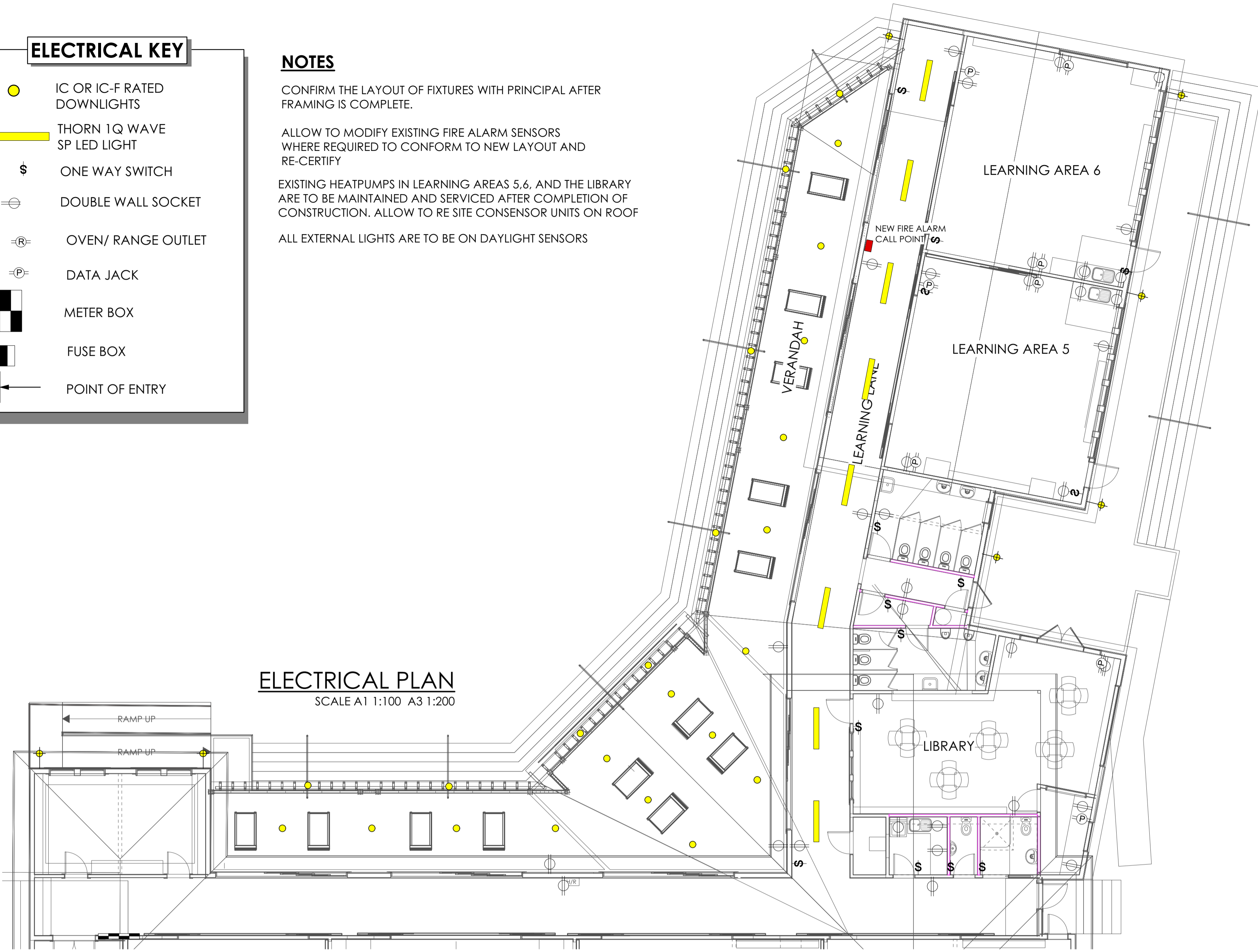
ALLOW TO MODIFY EXISTING FIRE ALARM SENSORS WHERE REQUIRED TO CONFORM TO NEW LAYOUT AND RE-CERTIFY

EXISTING HEATPUMPS IN LEARNING AREAS 5,6, AND THE LIBRARY ARE TO BE MAINTAINED AND SERVICED AFTER COMPLETION OF CONSTRUCTION. ALLOW TO RE SITE CONSENSOR UNITS ON ROOF

ALL EXTERNAL LIGHTS ARE TO BE ON DAYLIGHT SENSORS

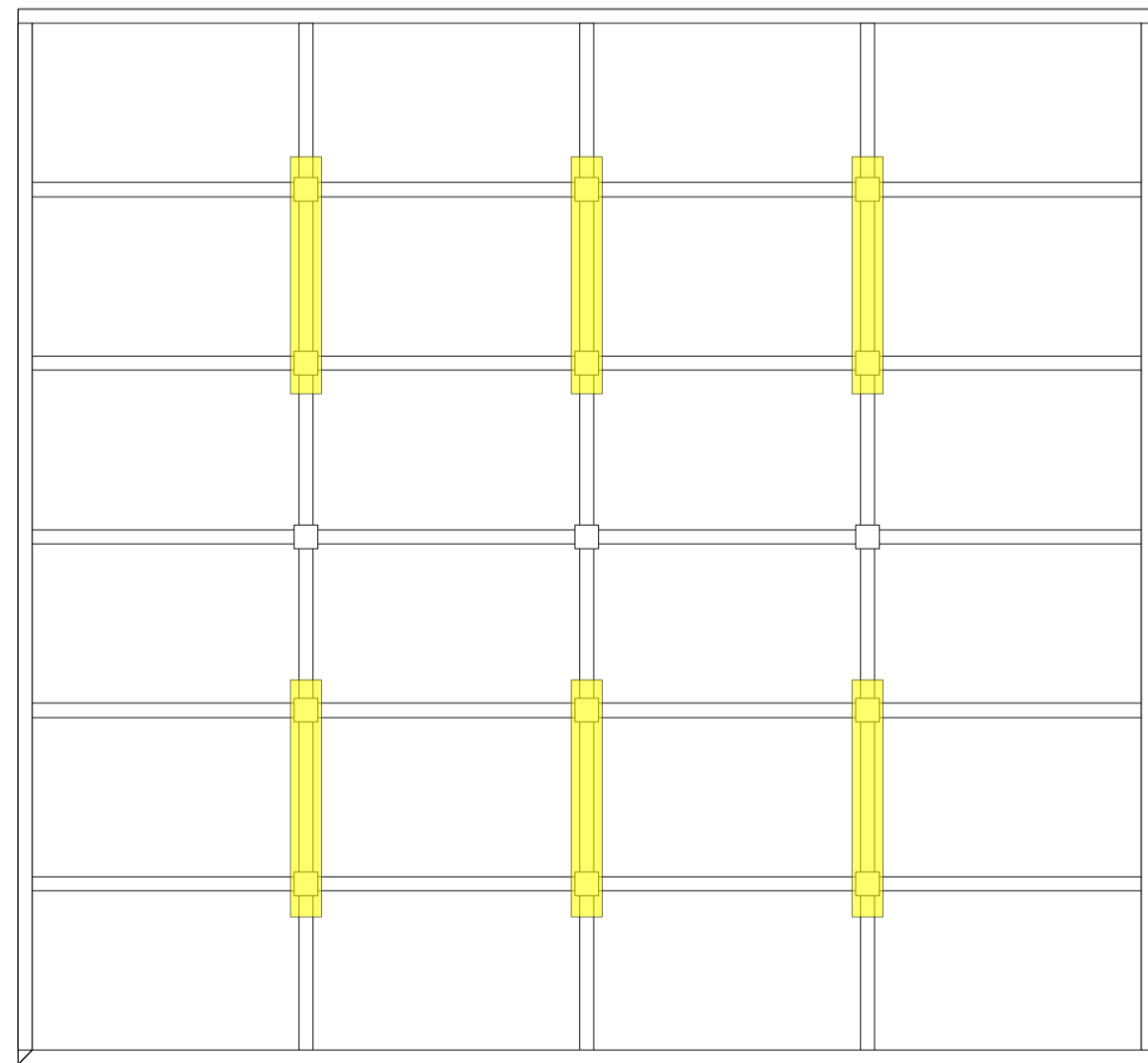
ELECTRICAL PLAN

SCALE A1 1:100 A3 1:200



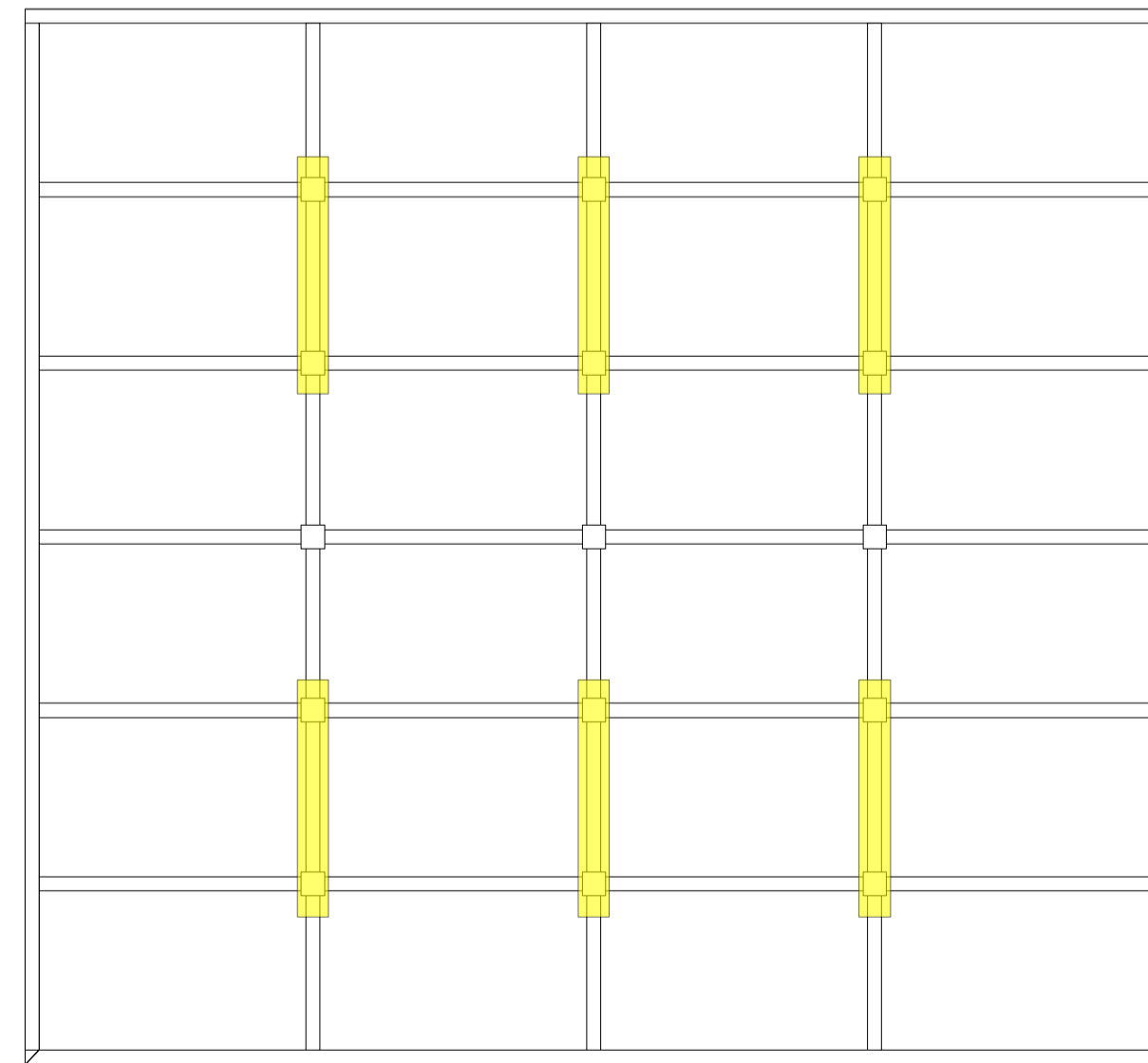
REFLECTED CEILING PLAN LIBRARY AND ABLUTIONS

SCALE A1= 1:50 A3= 1:100



REFLECTED CEILING PLAN LEARNING SPACE 5

SCALE A1= 1:50 A3= 1:100



REFLECTED CEILING PLAN LEARNING SPACE 6

SCALE A1= 1:50 A3= 1:100

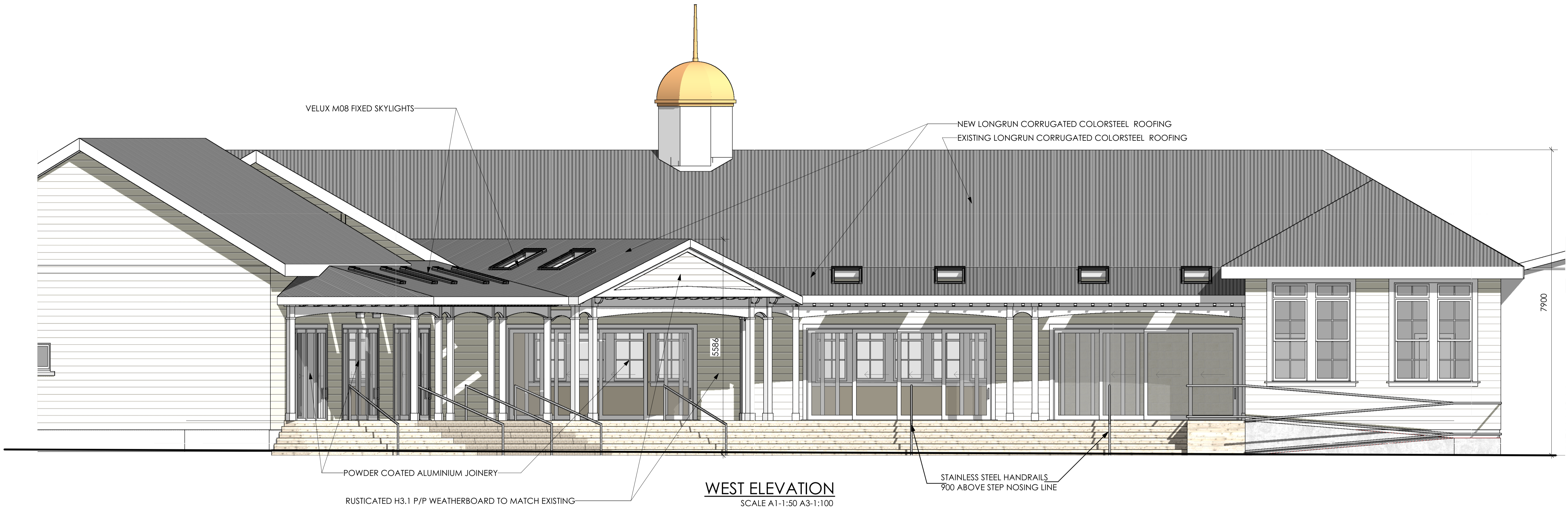


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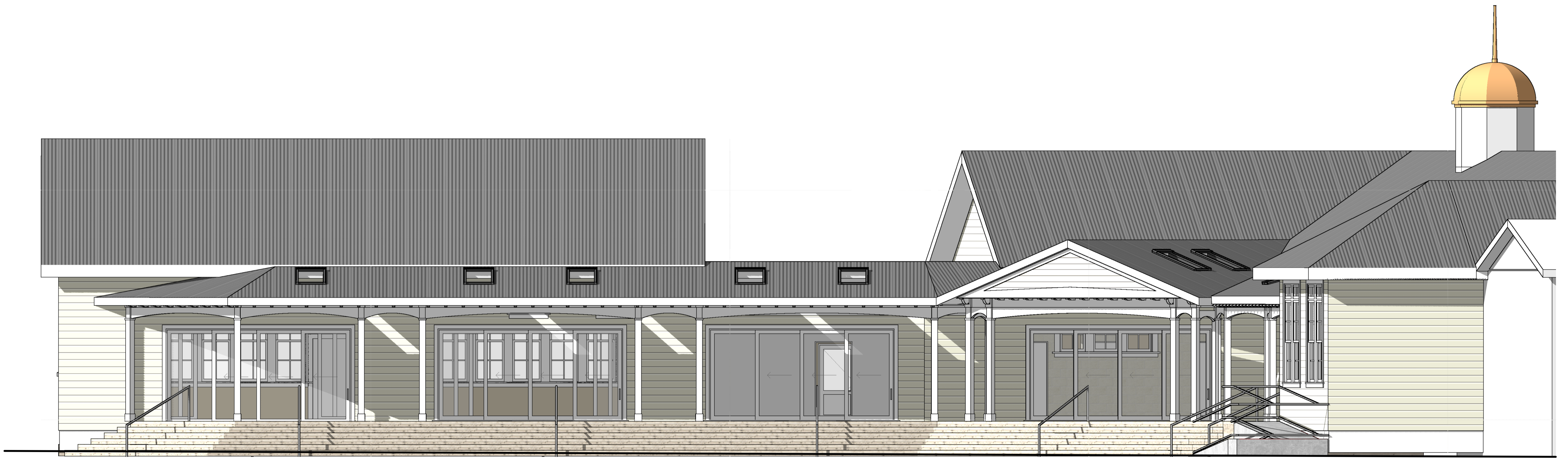
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| DWG | ELECTRICAL & BRACING | | 05 |
| SCALE | A1 1:100 A3 1:200 | | REVISION |
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WEST ELEVATION
SCALE A1-1:50 A3-1:100



SOUTH ELEVATION
SCALE A1-1:50 A3-1:100



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| CLIENT | TOTARA ST WANGANUI | SCALE | 1:100 |
| DWG # | ELEVATIONS | DATE | 04 |
| | | REVISION | |
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0.55 COLORSTEEL CORRUGATED ROOFING ON SELF SUPPORTING H/W BUILDING PAPER ON 70x45 PURLINS @ 800

JACK WALL ON TOP OF EXISTING WALL. 90x45 FRAMING. STUDS @ 600. STAP TOP PLATE TO STUDS BELOW WITH STUDSTRAPS AND 6kN STRAP AS APPROPRIATE

EXISTING ROOF FRAMING TO REMAIN

13mm GIB ON DONN SCREWFIX SUSPENDED STEEL CHANNEL SYSTEM AT 2.440 HEIGHT FROM FLOOR.

PANORAMA PVC SOFFIT ON RONDO BATTENS @ 600
REPLACE CLADDING WITH 20mm RUSTICATED W/B (MATCH PROFILE AS CLOSE AS REASONABLE TO EXISTING) ON PAULS FASWRAP. FIT R2.2 BATTS TO WALL FRAMING

NEW ALUMINIUM STACKING DOOR

HIGHLAND OAK ECOLOGIX DECKING

190x45 JOISTS @ 400 BLOCKING AT WALL END AND MIDSPAN

2/140x45 h3.2 BEARER
125x125 H5 PILE IN 300x300x300 FOOTING

VELUX MO8 780x1400 FIXED SKYLIGHTS. FRAME LIGHTWELL WITH 90x45 JACK STUDS AND DWANGS @ 600. LINE LIGHTWELL WITH PANORAMA PVC SOFFIT

TRUSSES @ 900
0.55 COLORSTEEL CORRUGATED ROOFING ON SELF SUPPORTING H/W BUILDING PAPER ON 70x45 PURLINS @ 800

LONGRUN COLORSTEEL SPOUTING

20mm H3.1 FASCIA ON 190x45 H1.2 SUBFASCIA

315x88 PROLAM PL8 H3.2 BEAM

EX 290x45 H3.2 LAMINATED 'ARCH'

180x180 PROLAM PL8 H5 POST

50mm dia S/S HANDRAIL

EX 290x45 H3.2 STRINGERS @ 400- ALIGN TO JOISTS

700x100 CONCRETE STRIP FOOTING FOR BASE OF STEPS

500x500x1400 DEEP FOOTINGS TO VERANDAH POSTS

EXISTING ROOFING

NEW 0.55 COLORSTEEL APRON FLASHING. 150 COVER.

90x45 H1.2 DWANG TO TIE TRUSSES TO EXISTING RAFTERS

90x45 H1.2 STRINGER FIXED TO WALL WITH 2/90mm NAILS

90x45 H1.2 STRINGER FIXED TO WALL WITH 2/90mm NAILS AND 1 BOWMAC STUDLOK SCREW @ 600. FIX TRUSSES WITH JOIST HANGERS

PANORAMA PVC SOFFIT ON RONDO BATTENS @ 600

REPLACE CLADDING WITH 20mm RUSTICATED W/B (MATCH PROFILE AS CLOSE AS REASONABLE TO EXISTING) ON PAULS FASWRAP. FIT R2.2 BATTS TO WALL FRAMING

NEW ALUMINIUM STACKING DOOR

HIGHLAND OAK ECOLOGIX DECKING

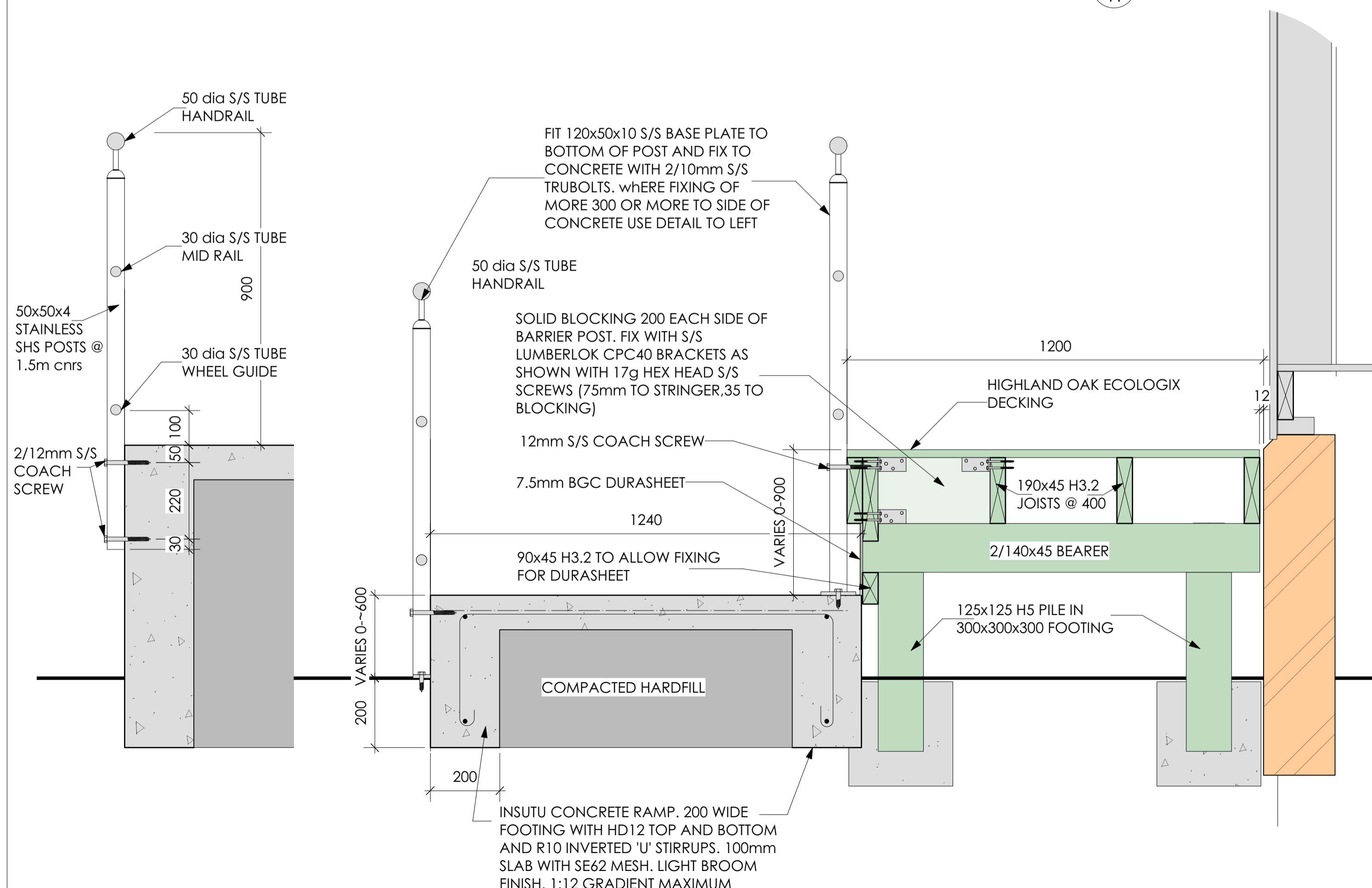
190x45 JOISTS @ 400 BLOCKING AT WALL END AND MIDSPAN

2/140x45 h3.2 BEARER
125x125 H5 PILE IN 300x300x300 FOOTING

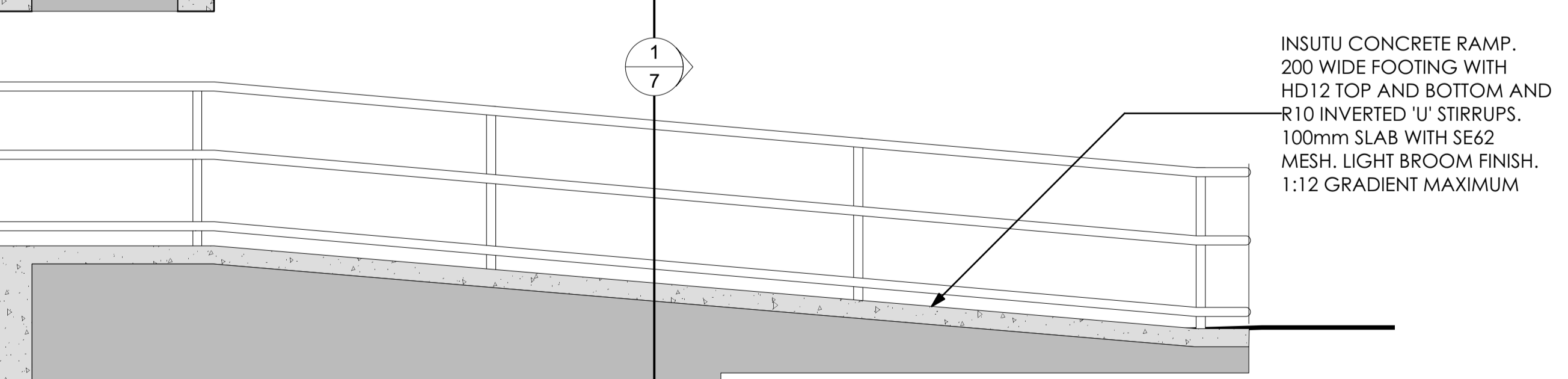
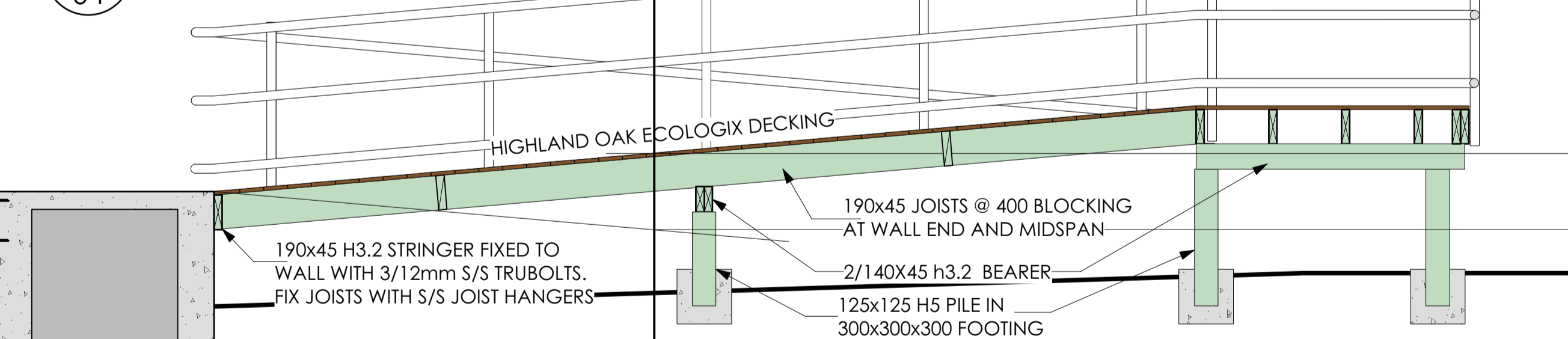
FORM REBATE IN EXISTING FLOOR TO FORM LEVEL THRESHOLD

A SECTION A- TOILETS AND VERANDAH
A1-1:25 A3-1:50

B SECTION B- VERANDAH
A1-1:25 A3-1:50



Ca ACCESS RAMP TIMBER SIDE
A1-1:25 A3-1:50



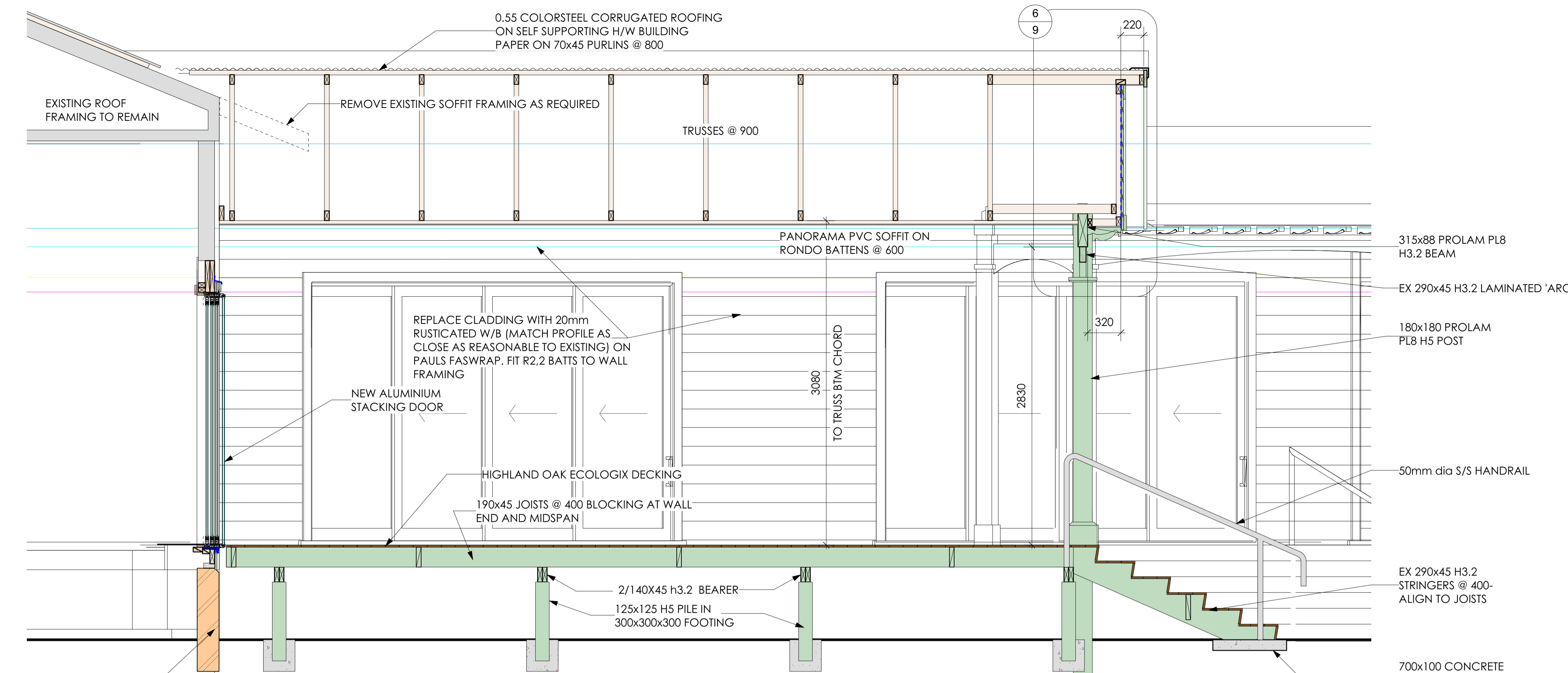
Ca ACCESS RAMP CONCRETE SIDE
A1-1:25 A3-1:50



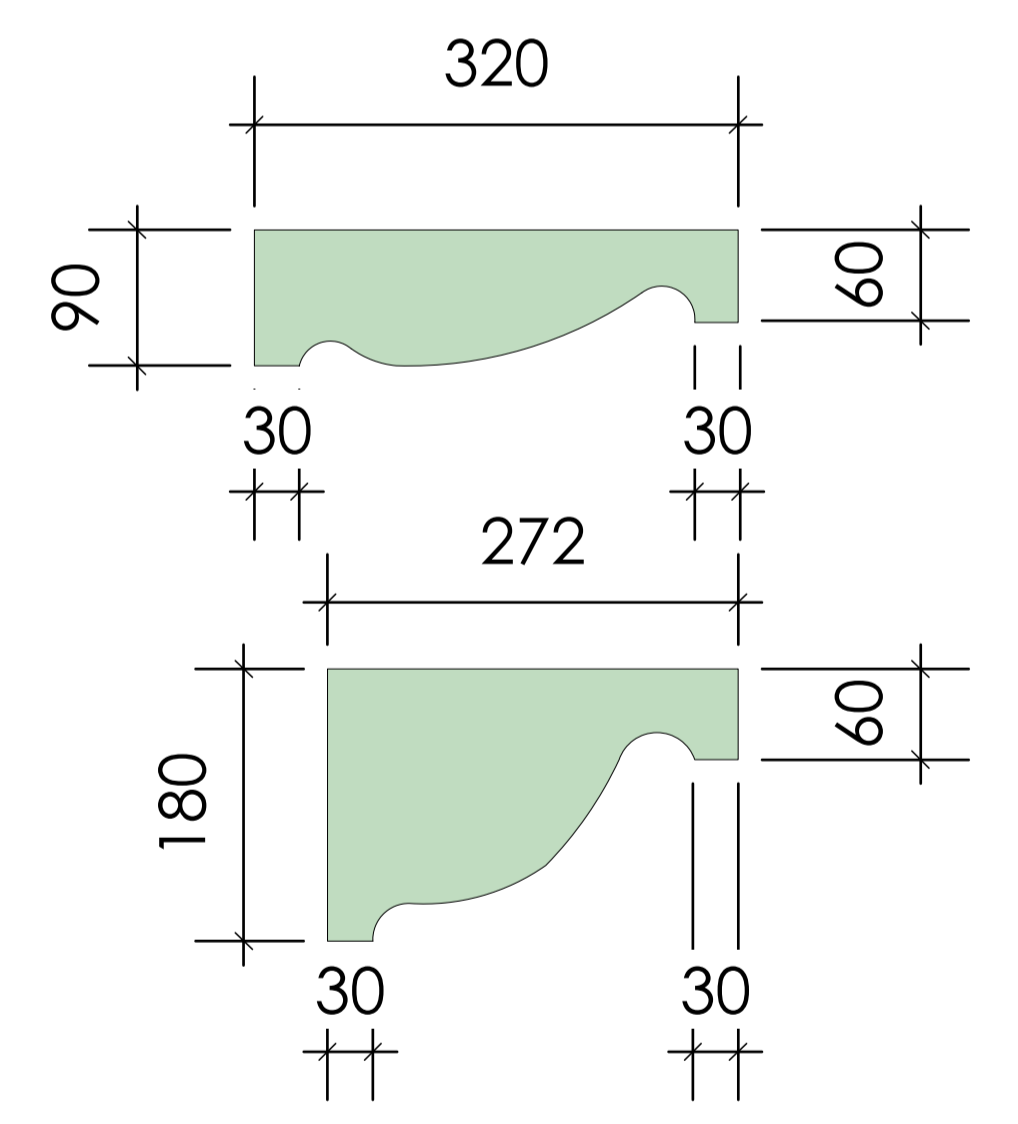
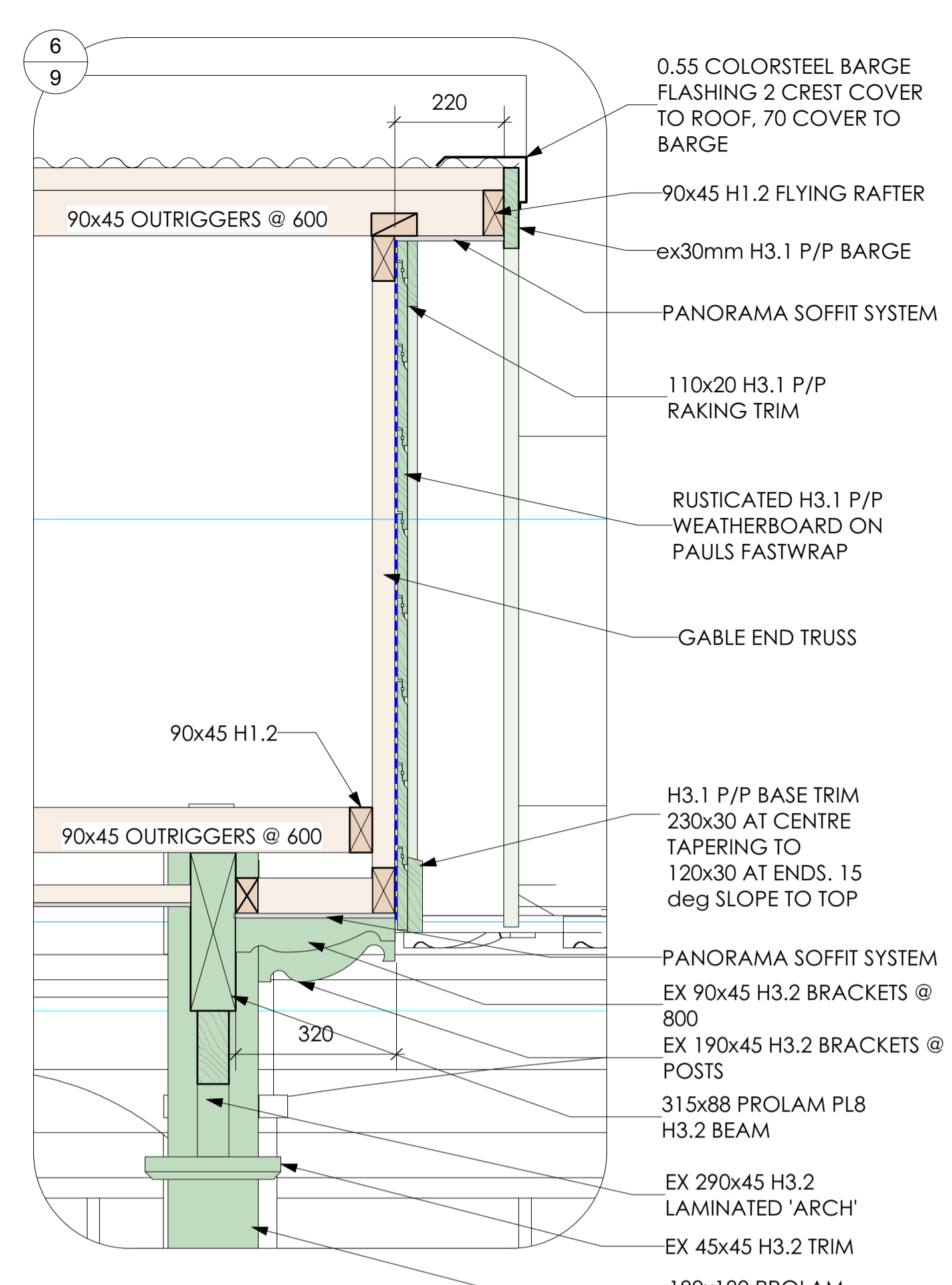
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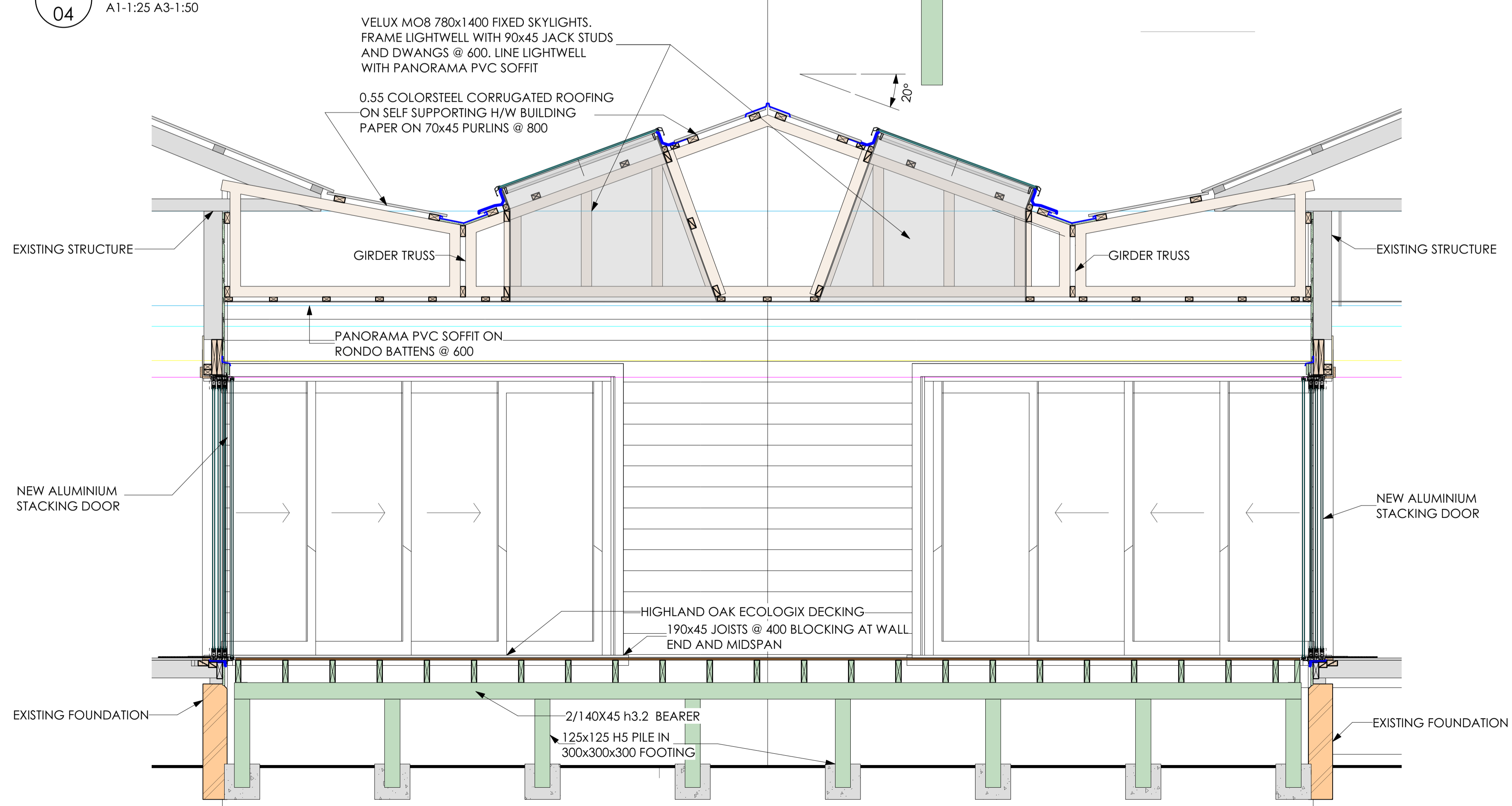
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| PROJECT | TAWHERO SCHOOL ALTERATIONS-STAGE 2 | | 21024 |
| CLIENT | TOTARA ST WANGANUI | SCALE | A1-1:25 A3-1:50 |
| DWG # | SECTION A, B, & C | DATE | 13/8/22 TENDER |
| Paul McKenna Architecture | | | 08 |



D SECTION D- GABLE VERANDAH ALONG
 A1-1:25 A3-1:50



BRACKET DETAILS
 A1-1:5 A3-1:10



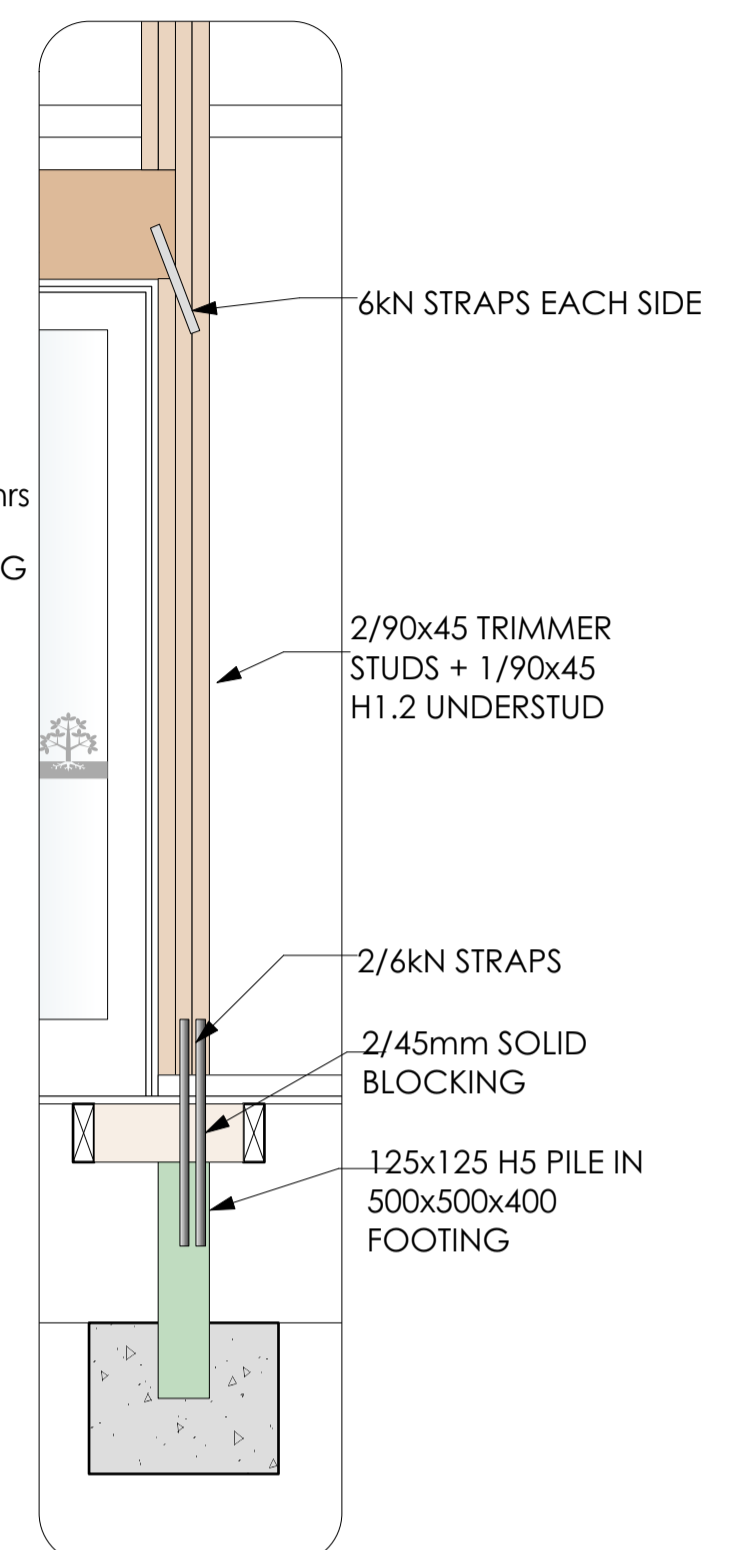
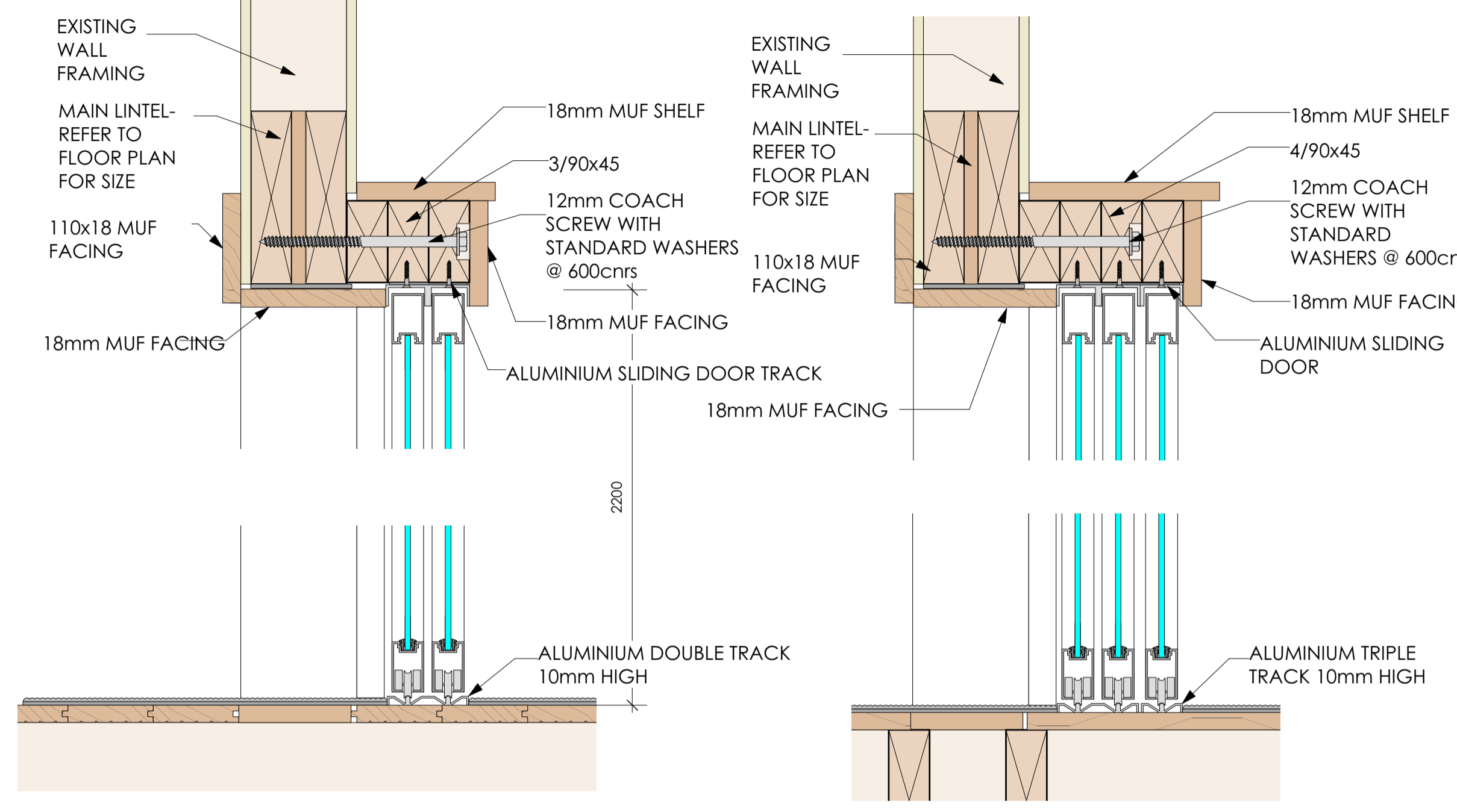
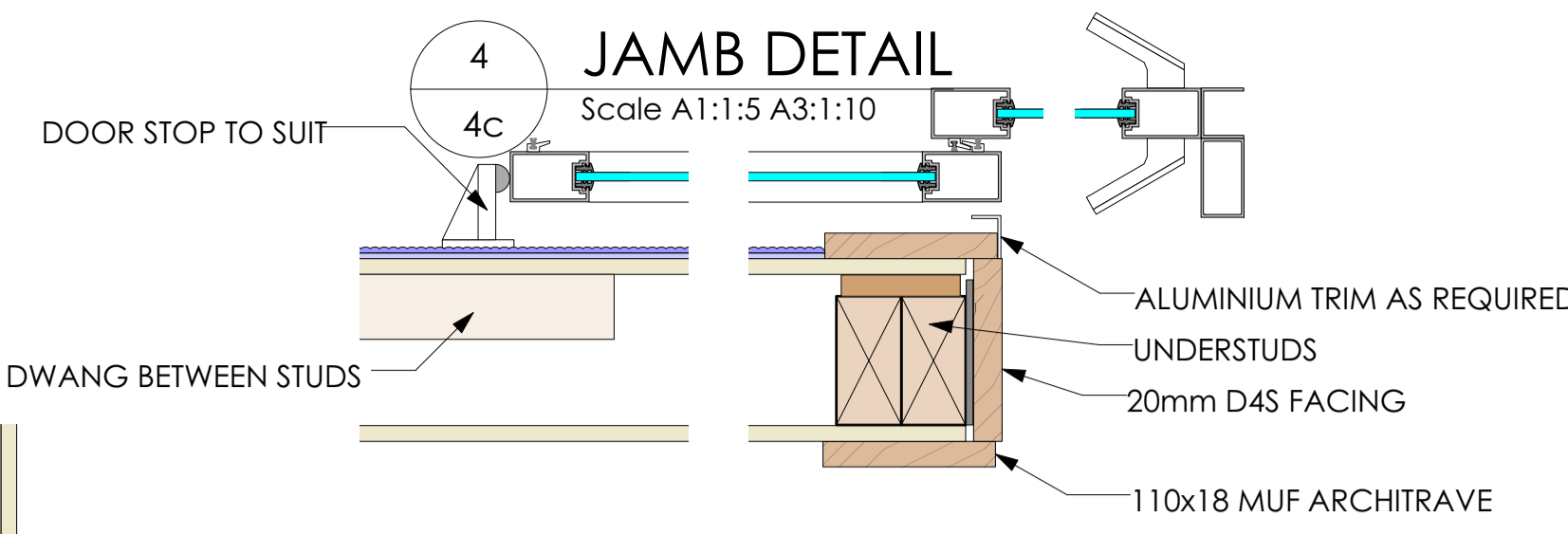
E SECTION E- GABLE VERANDAH ACROSS
 A1-1:25 A3-1:50



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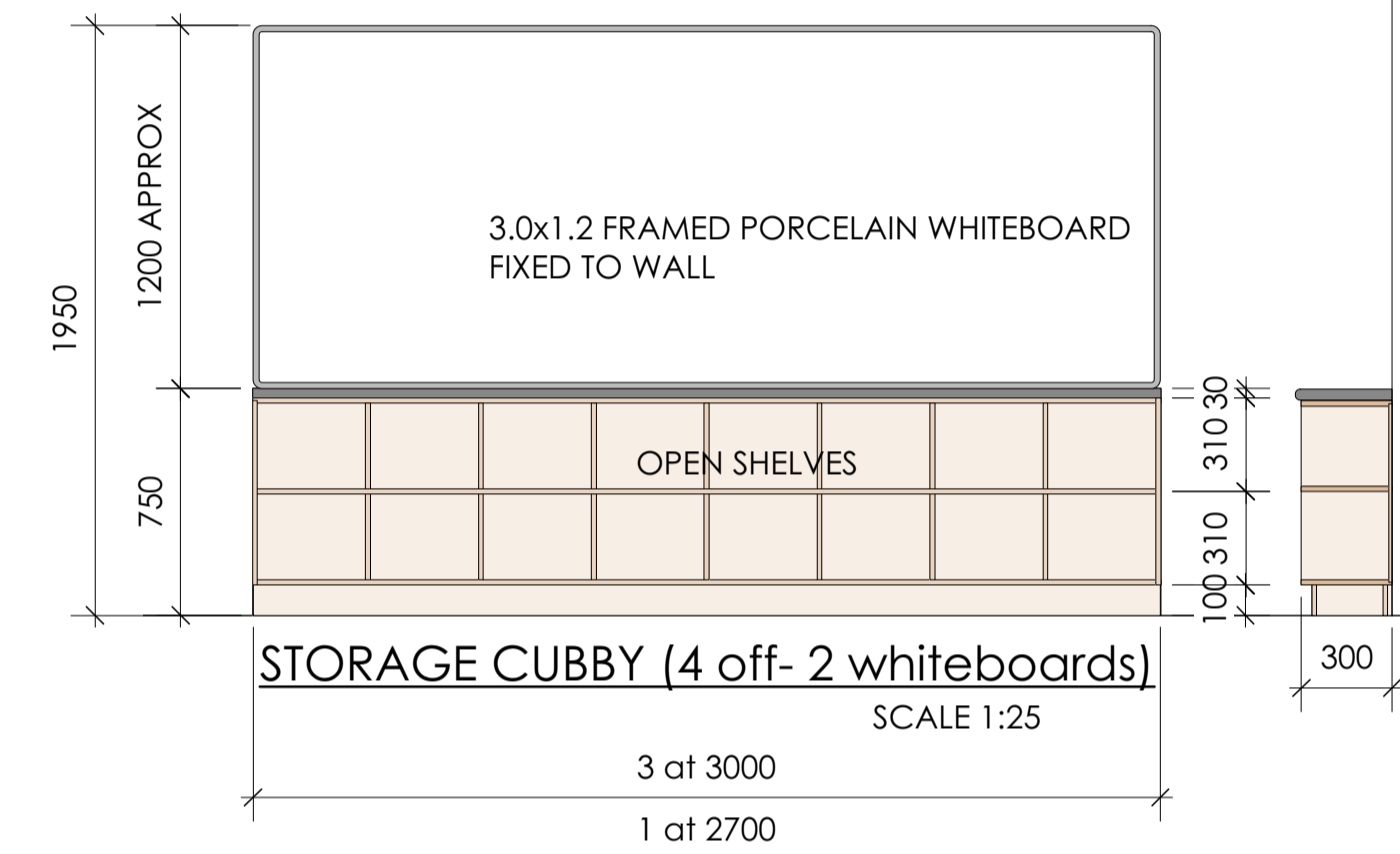
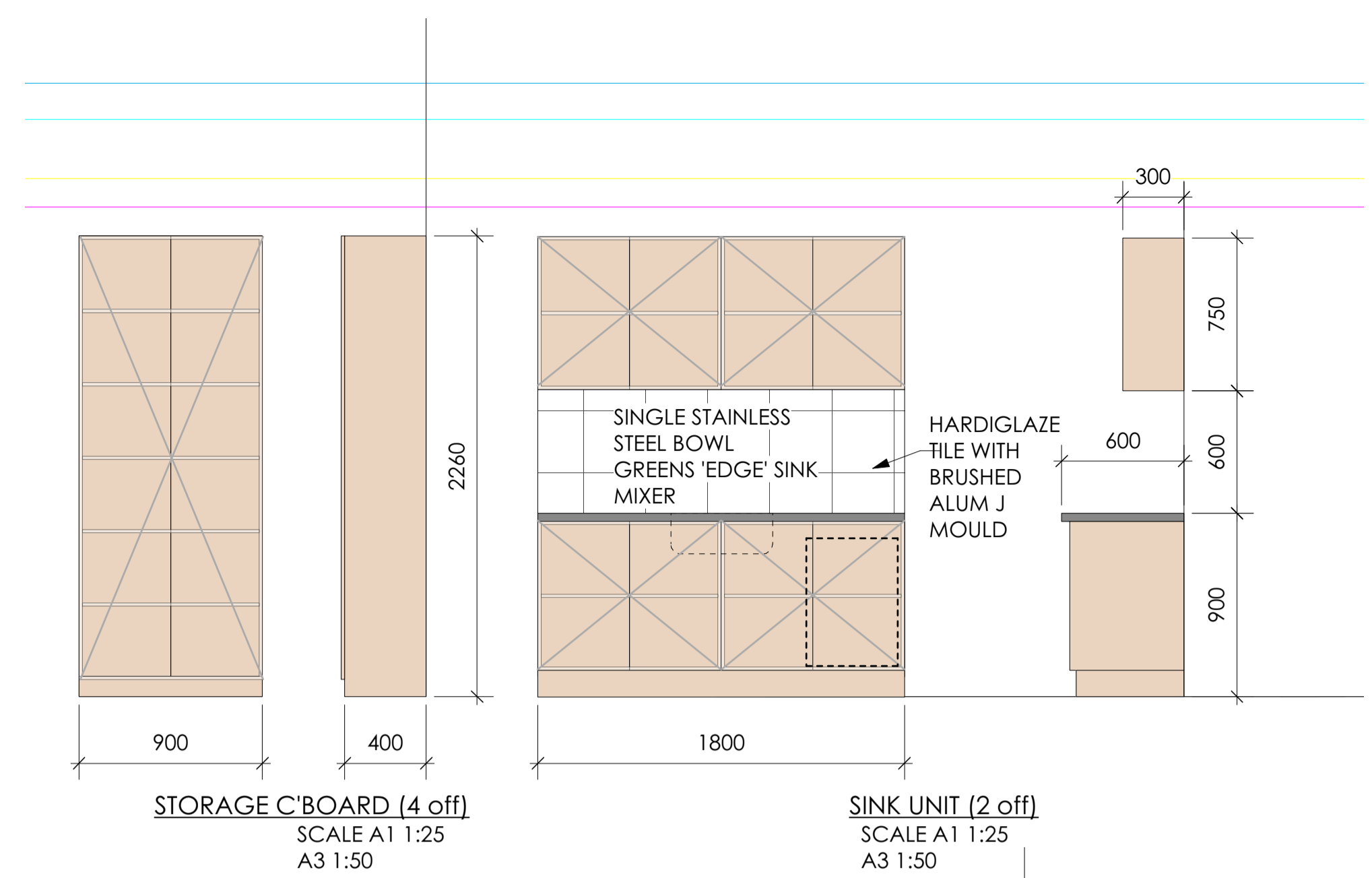
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|---------------------------|------------------------------------|---|-----------------|
| PROJECT | TAWHERO SCHOOL ALTERATIONS-STAGE 2 | PROJECT # | 21024 |
| CLIENT | TOTARA ST WANGANUI | SCALE | A1=1:25 A3=1:50 |
| DWG | SECTIONS D & E | DATE | 13/8/22 TENDER |
| ISSUE | | REVISION | |
| DWG # | | REVISION # | 09 |
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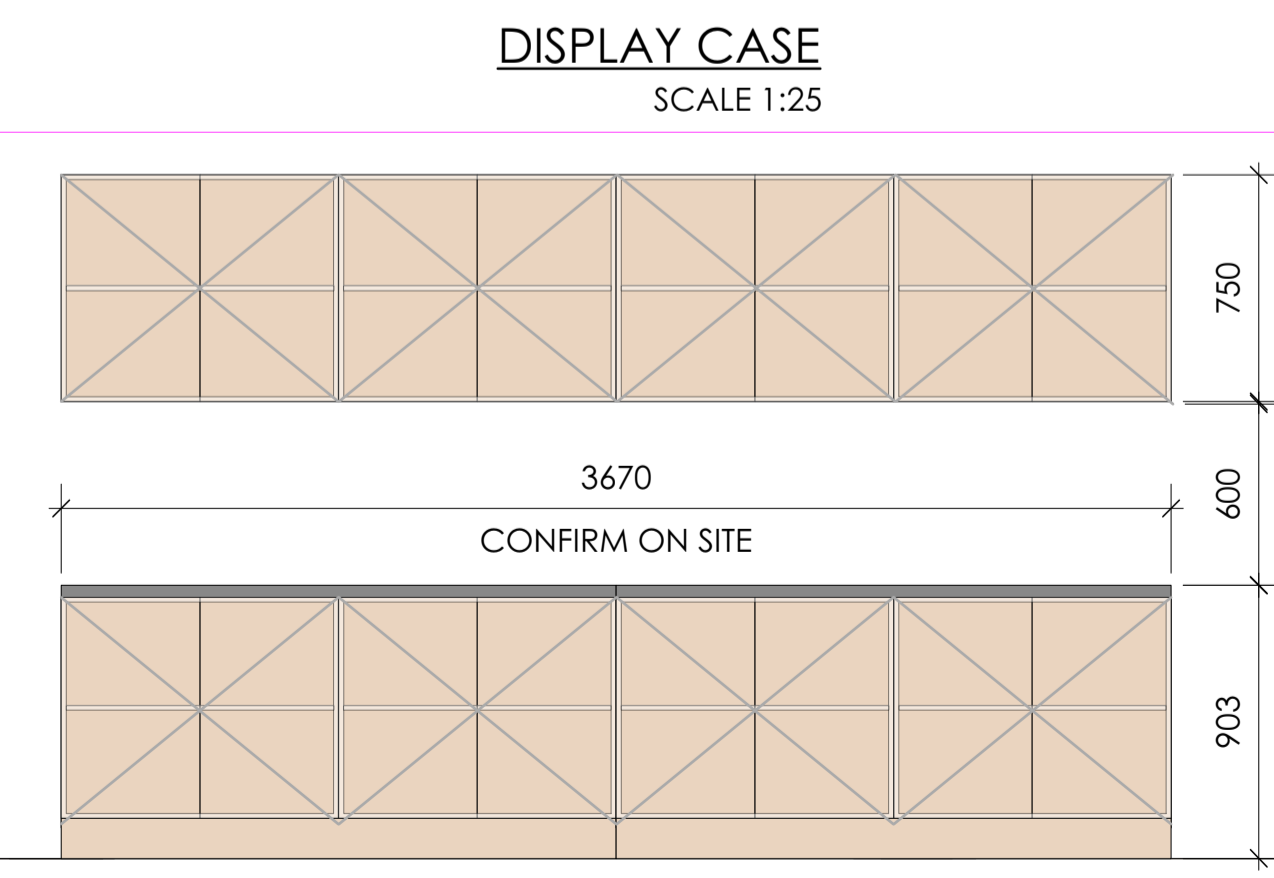
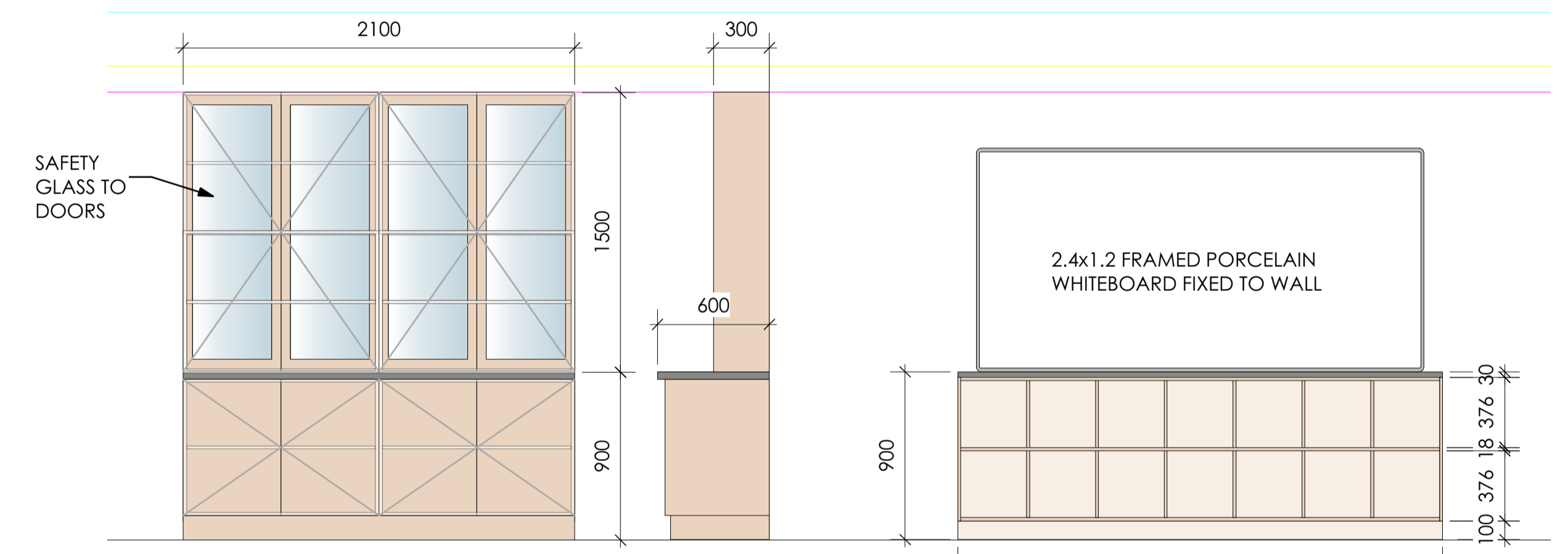
2 DOUBLE SLIDER- VERT SECTION
4C Scale A1 1:5 A3 1:10

3 TRIPLE SLIDER- VERT SECTION
4C Scale A1 1:5 A3 1:10

JAMB SUPPORT FOR SLIDING DOORS
Scale A1 1:25 A3 1:50



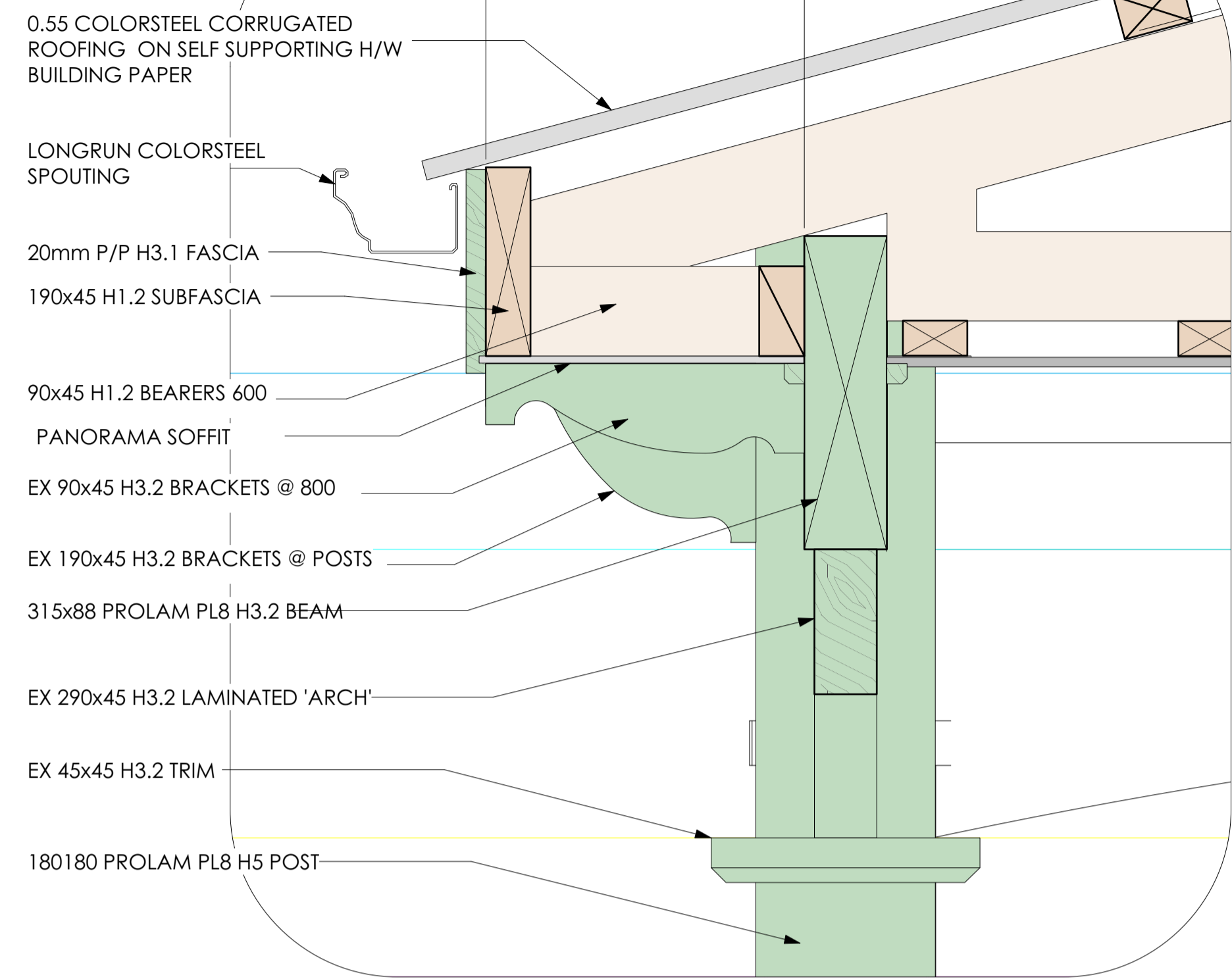
USE BRUSHED STAINLESS BOWED HANDLES. ALL DOORS TO HAVE LOCKS KEYPED ALIKE.
FINISH- ALLOW TO MATCH CABINETS IN LEARNING SPACES 1-4. USE WHITE MALAMINE FOR INTERNAL CARCASE.



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| DWG | INTERNAL SLIDERS & CABIN | DATE | 13/8/22 TENDER |
| SCALE | A1-1:25 A3-1:50 | | 10 |
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4 VERANDAH SOFFIT
08 scale A1-1:10 A3-1:20



5 SOFFIT AT REAR OF TOILETS
08 scale A1-1:10 A3-1:20

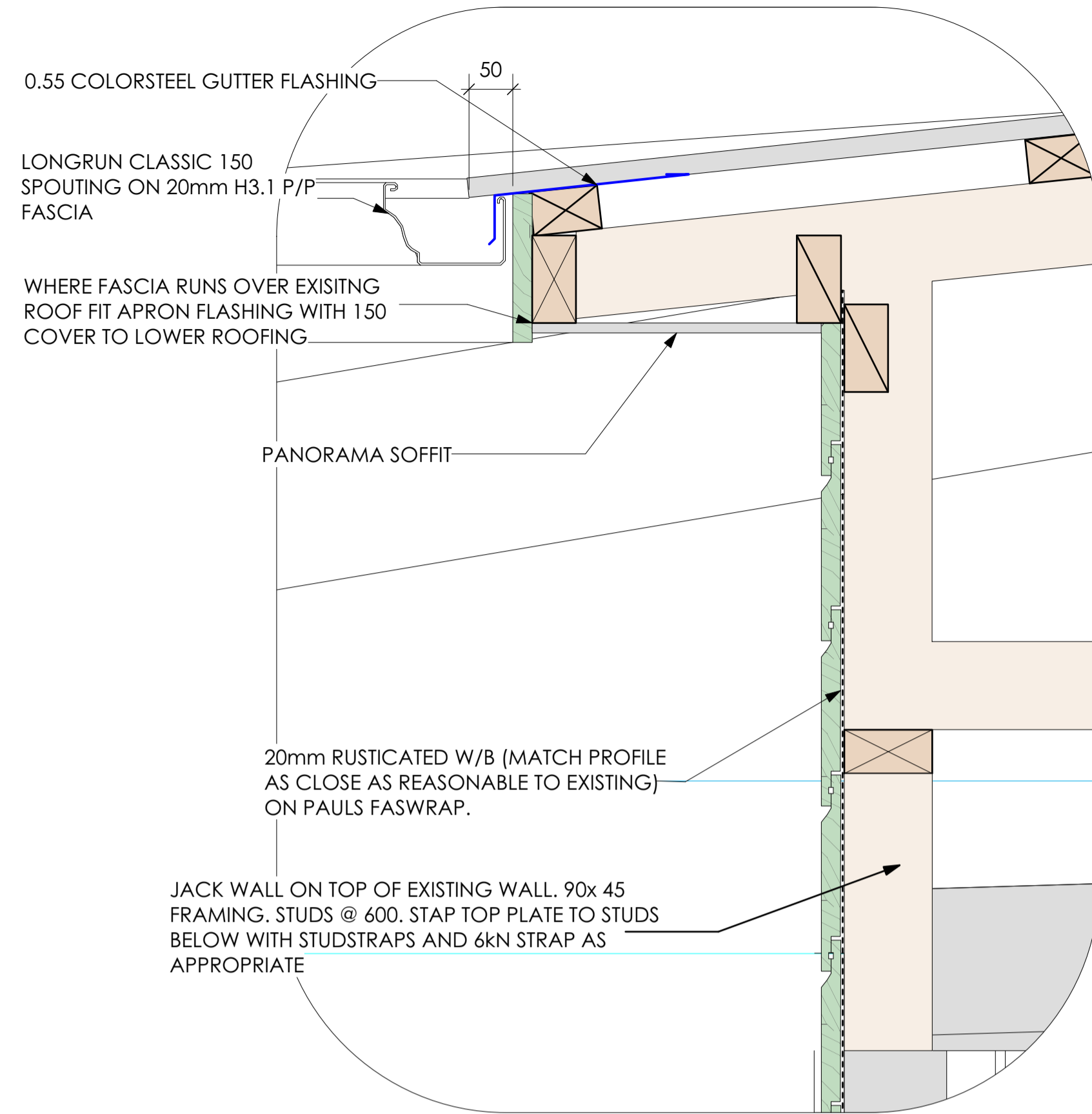
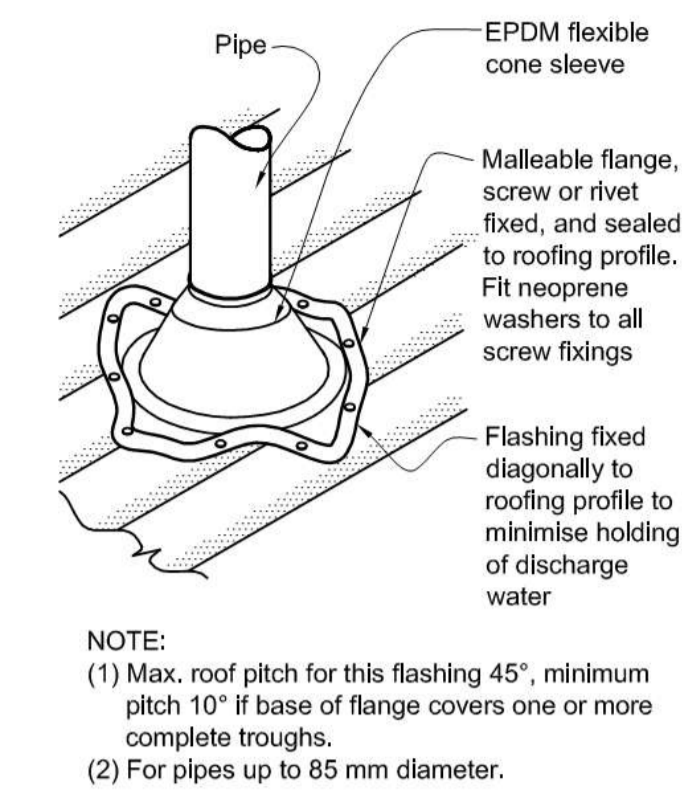
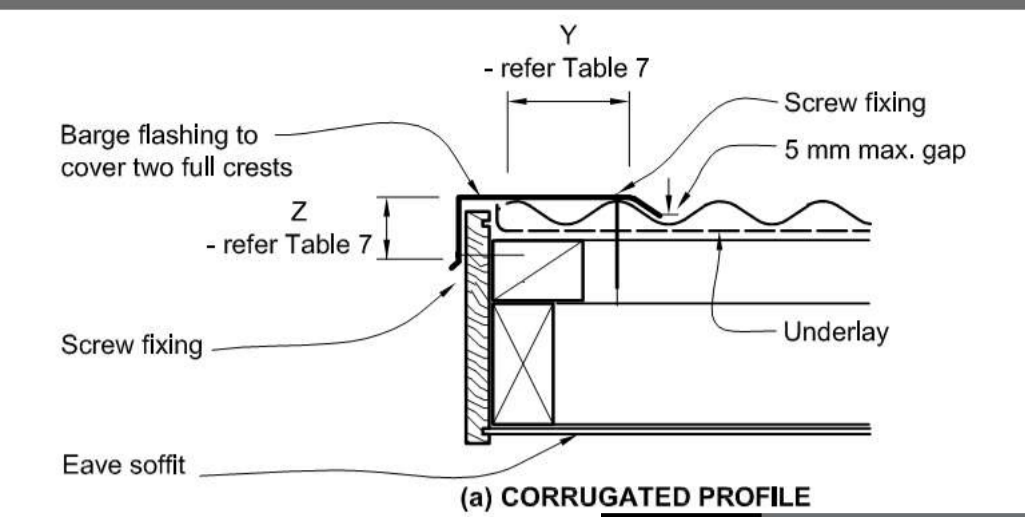


Figure 53: Flashing for small pipes
Paragraphs 8.3.10, 8.4.17, 9.6.8.5 and 9.6.9.6



NOTE:
(1) Max. roof pitch for this flashing 45°, minimum pitch 10° if base of flange covers one or more complete troughs.
(2) For pipes up to 85 mm diameter.

Figure 47: Barge flashings for profiled metal
Paragraphs 8.4.11, 8.4.12, Table 7



| FLASHING COVER | |
|-----------------|------------|
| DIMENSION LABEL | DIMENSION |
| X | 150 |
| Y | TWO CRESTS |
| Z | 70 |

Figure 49: Profiled metal stopends
Paragraph 8.4.13, Figure 92

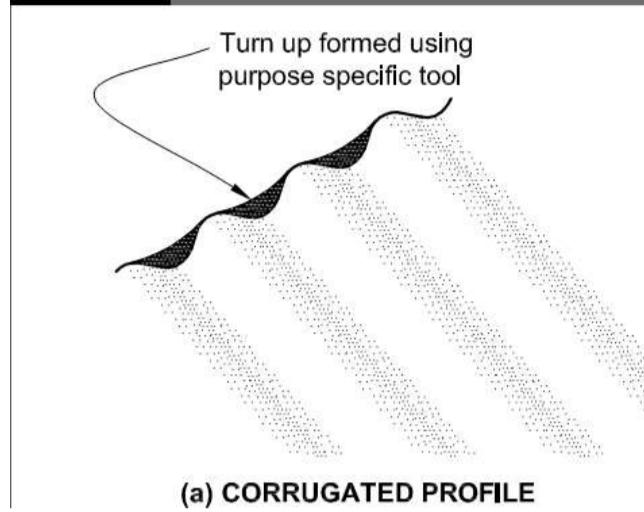


Figure 51: Valley gutters for profiled metal
Paragraphs 4.3, 4.5, 8.1.6.2 and 8.4.18

NOTE: (1) Refer to Table 8 for maximum roof catchment areas for valley gutters.
(2) Minimum width of valley gutter may reduce to 160 mm, providing roof catchment area is in accordance with Table 8. In this case, cover of roof cladding over gutter shall be reduced to 60 mm to provide a clearance gap of 40 mm.

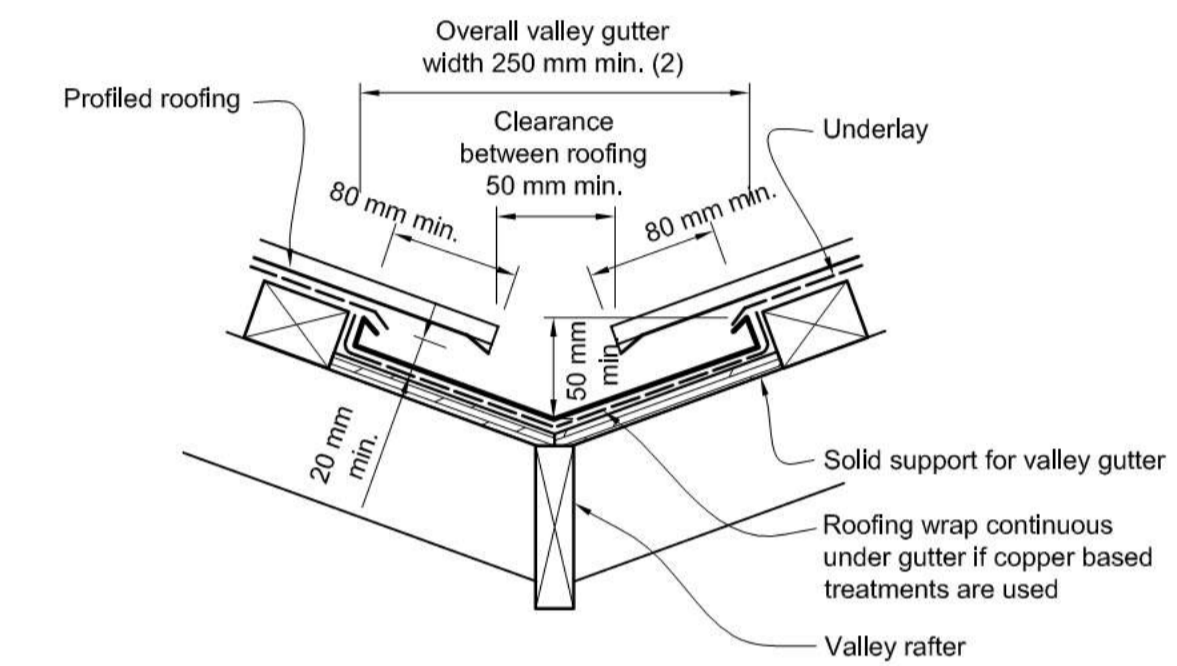
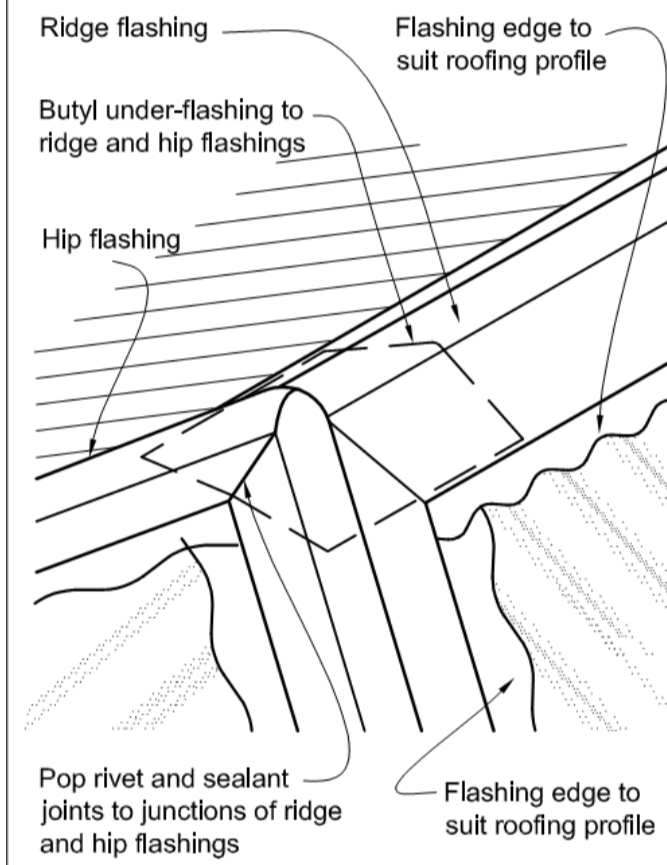


Figure 43: Ridge to hip flashings
Paragraphs 8.4.11 and 8.4.12

NOTE: Flashing cover varies according to wind zone - refer Table 7.
For other ridge to hip flashings refer to New Zealand Metal Roofing and Wall Cladding Code of Practice.



2 VERANDAH STEPS (DECK STEPS SIMILAR)
08 scale A1-1:10 A3-1:20

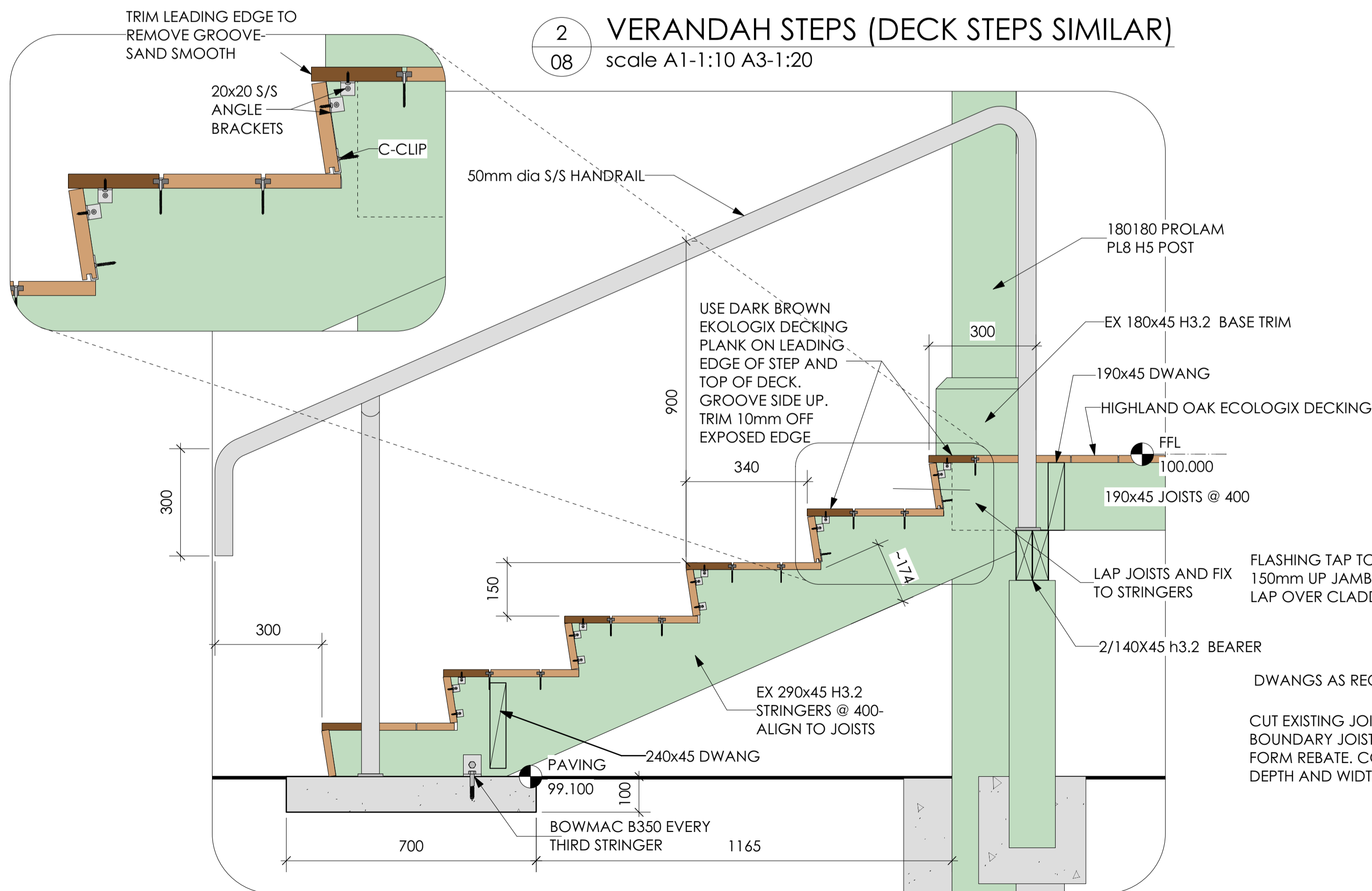


Figure 48: Parallel apron flashings for profiled metal
Paragraphs 8.4.11, 8.4.12, Table 7

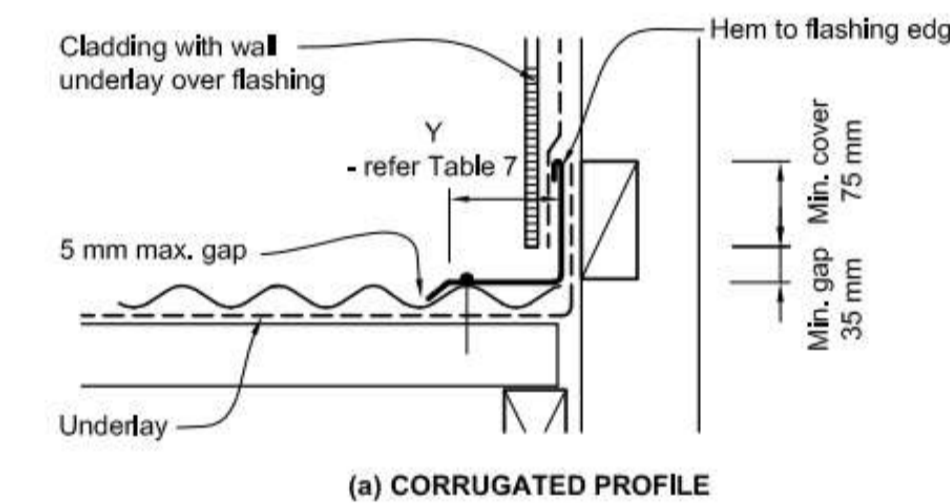


Figure 46: Ridge and hip flashings for profiled metal
Paragraphs 4.4, 4.5, 8.4.11, 8.4.12, Table 7

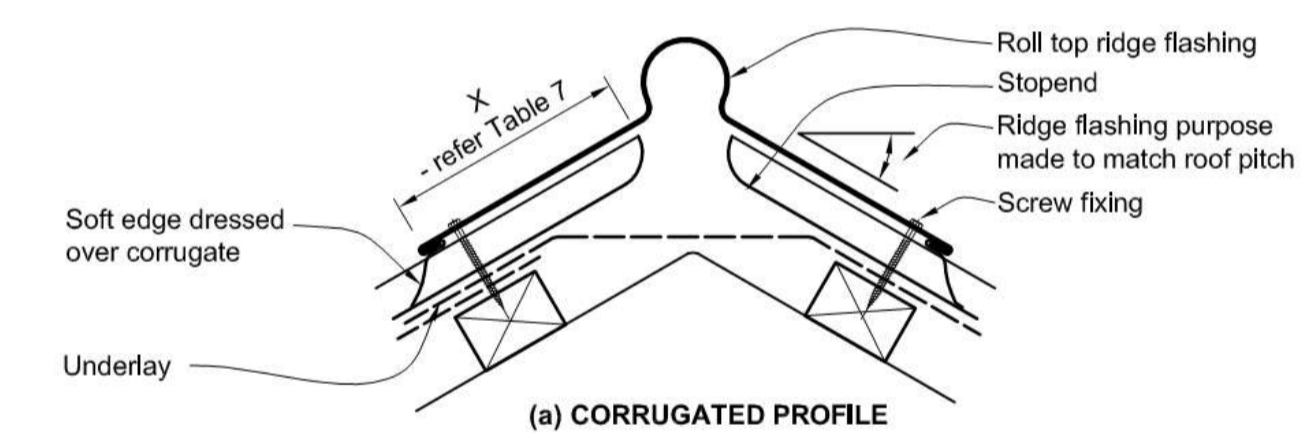
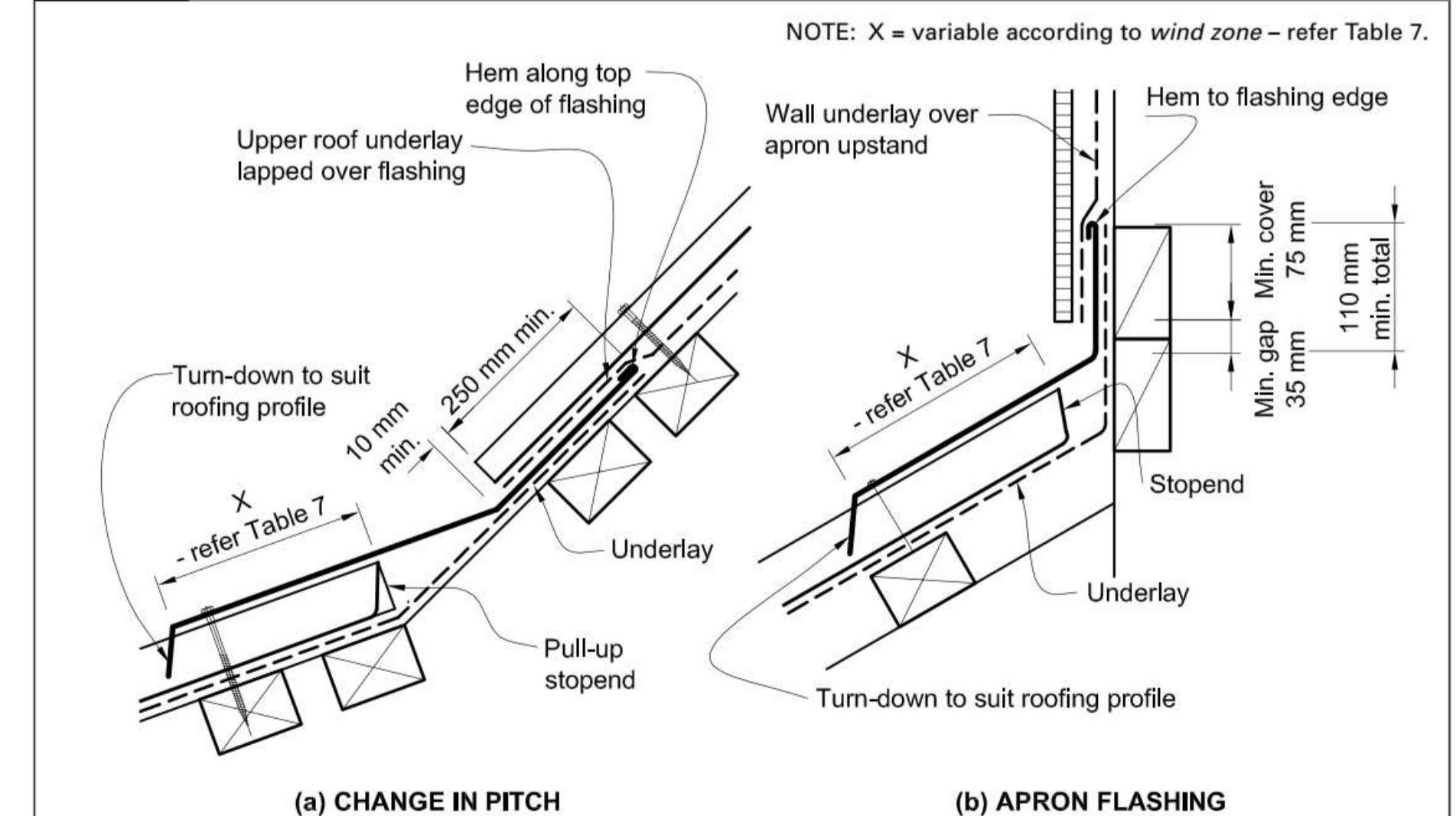
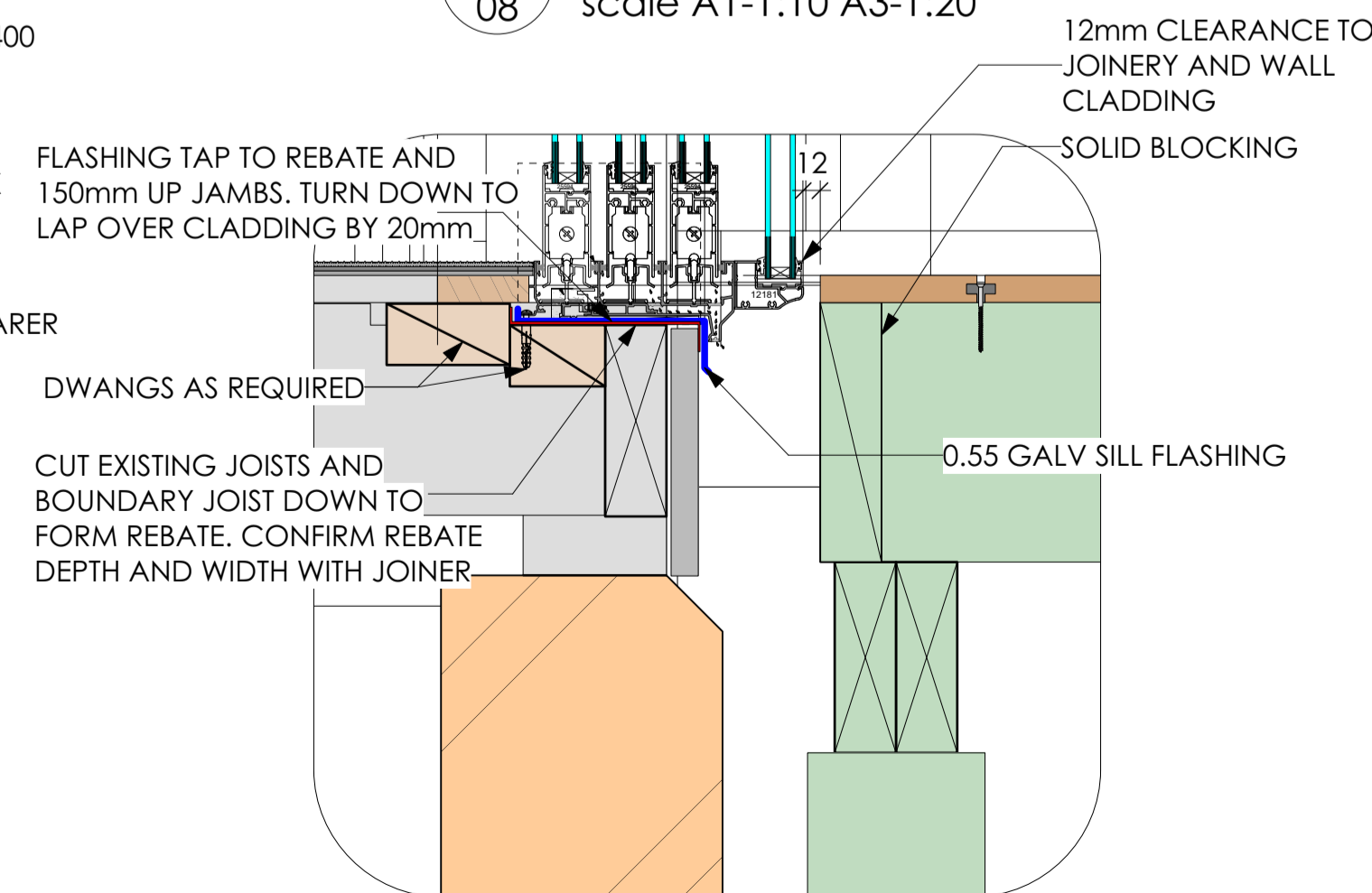


Figure 44: Apron flashing and change in pitch for profiled metal
Paragraphs 4.5, 8.4.11, 8.4.12, Table 7



3 DECK TO BUILDING JUNCTION
08 scale A1-1:10 A3-1:20



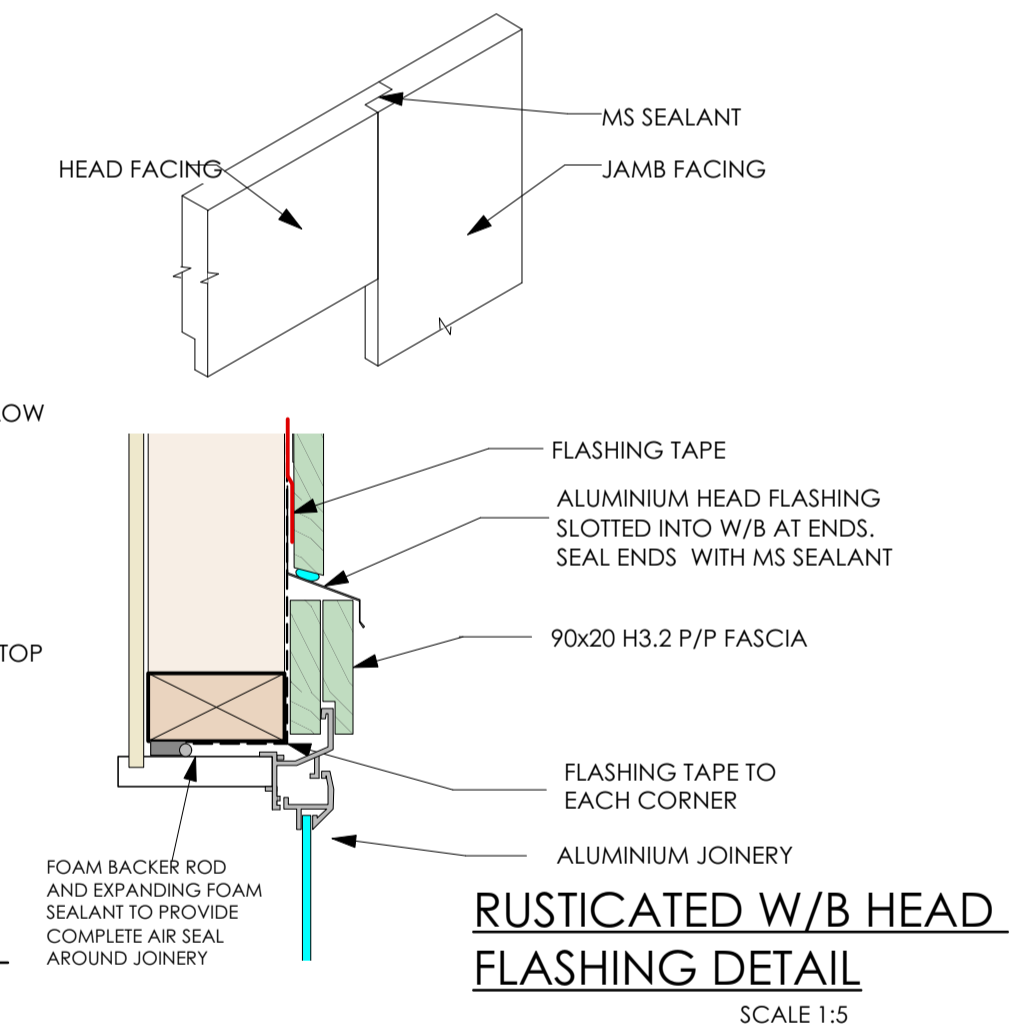
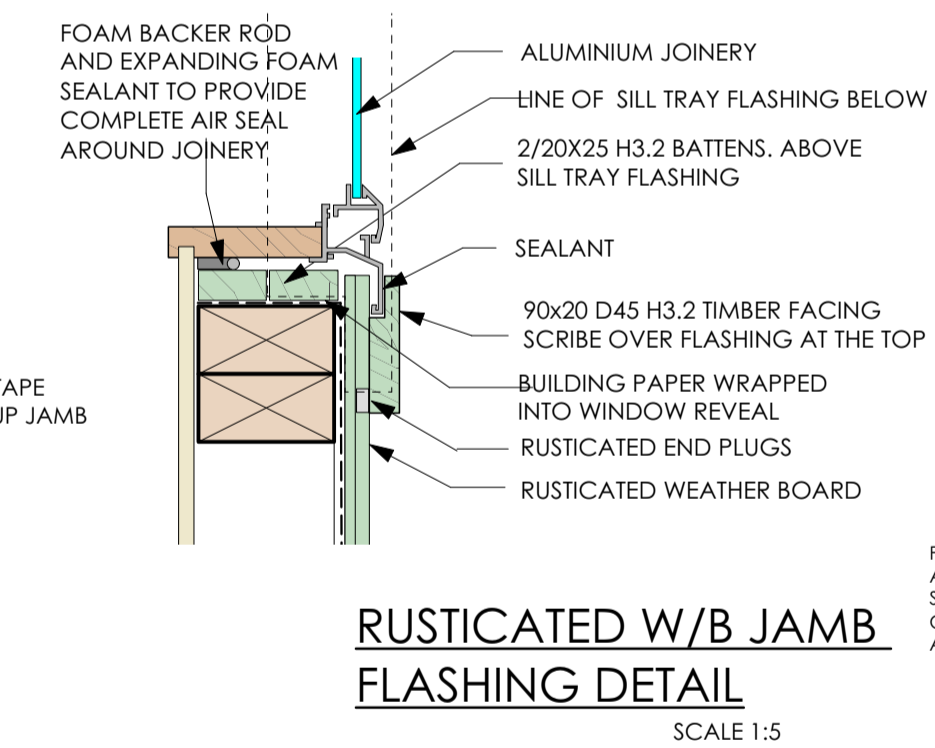
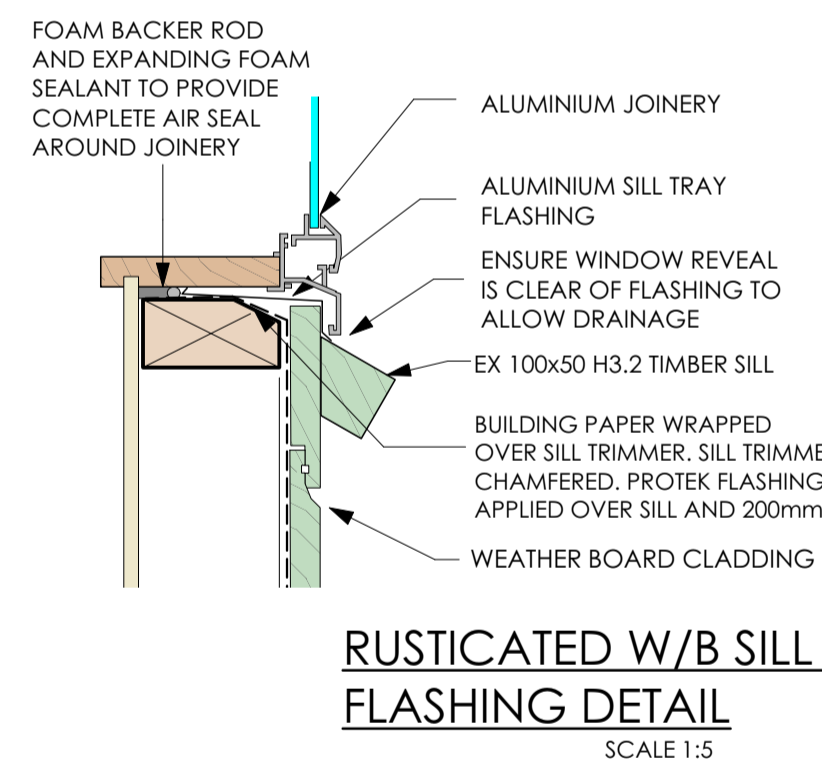
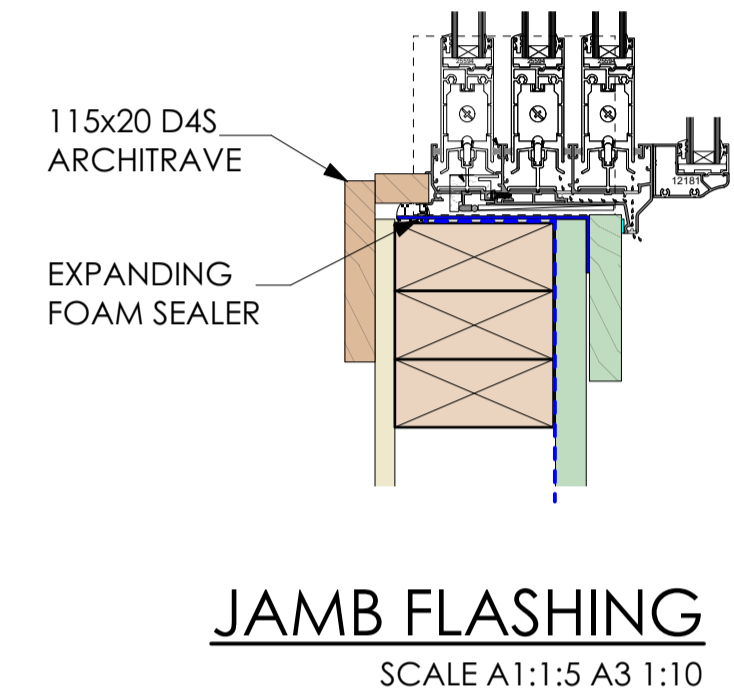
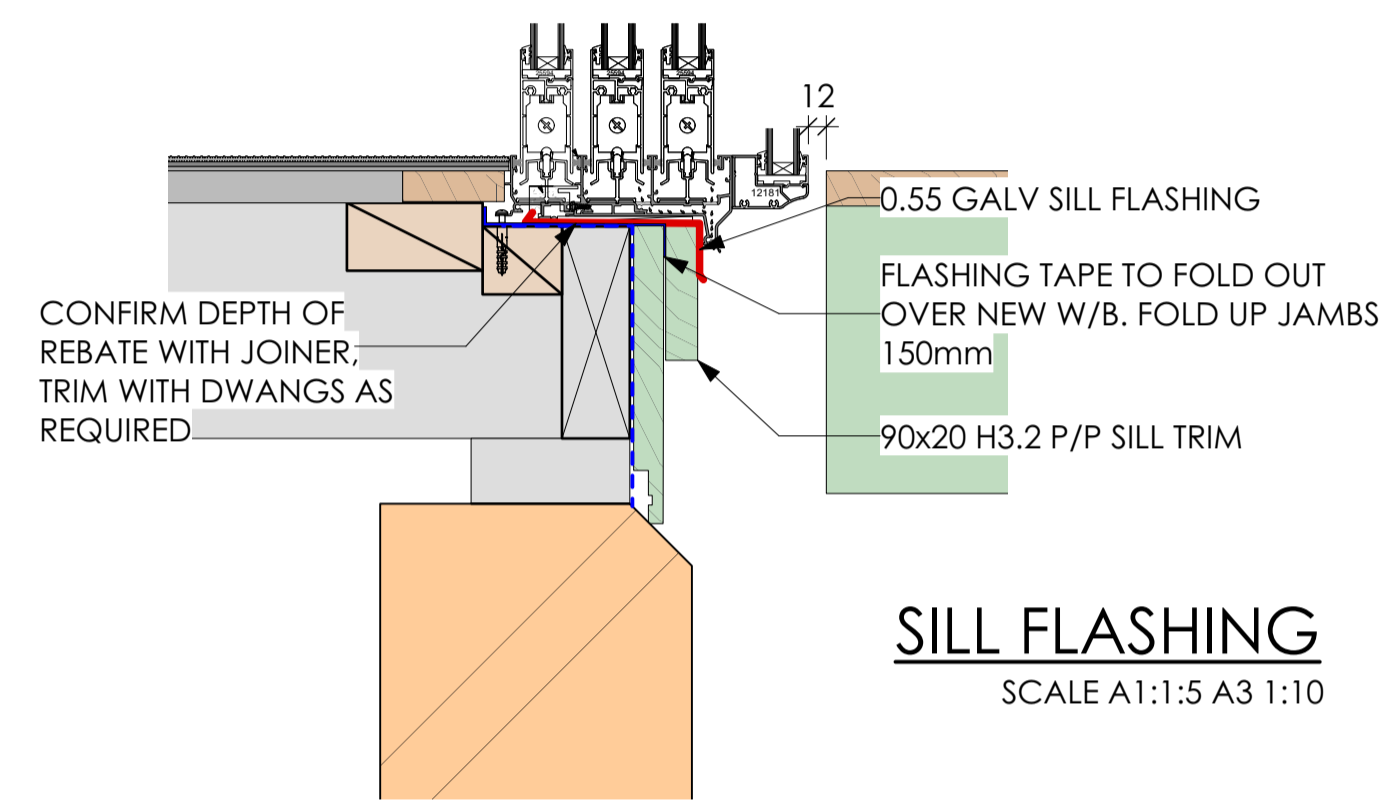
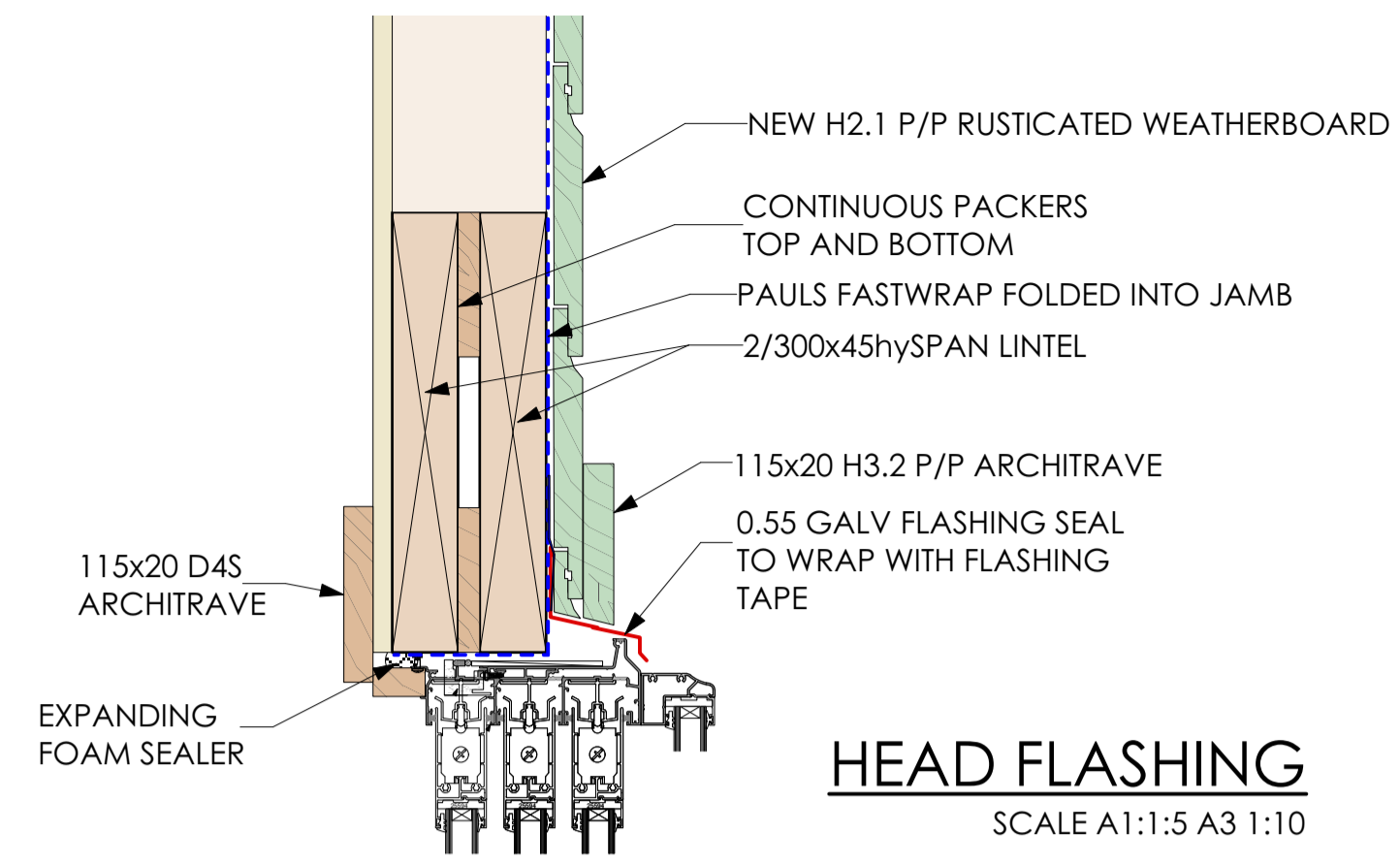
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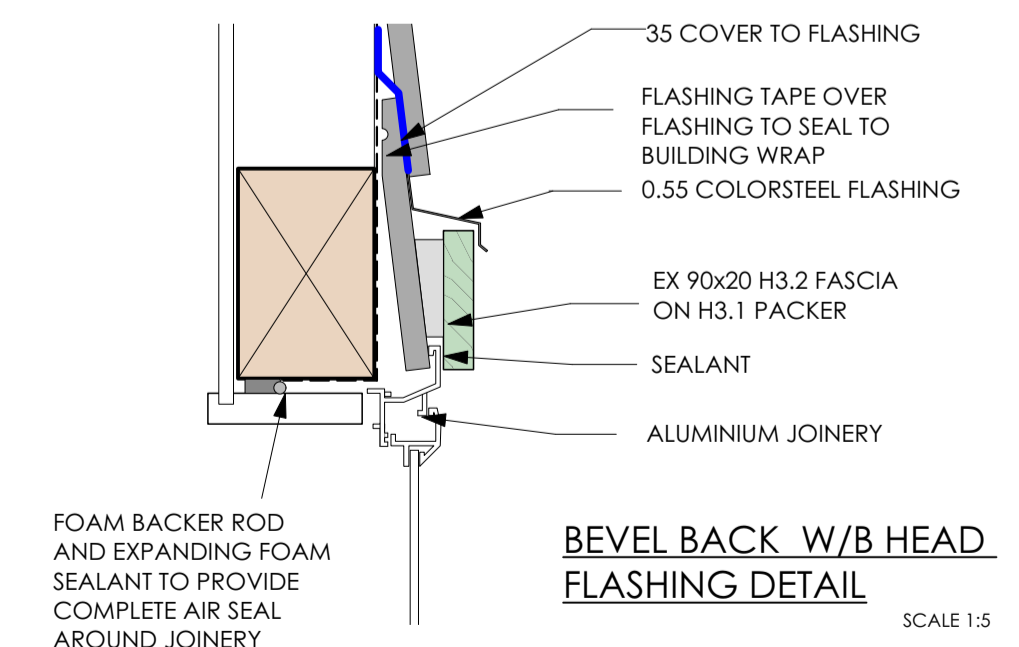
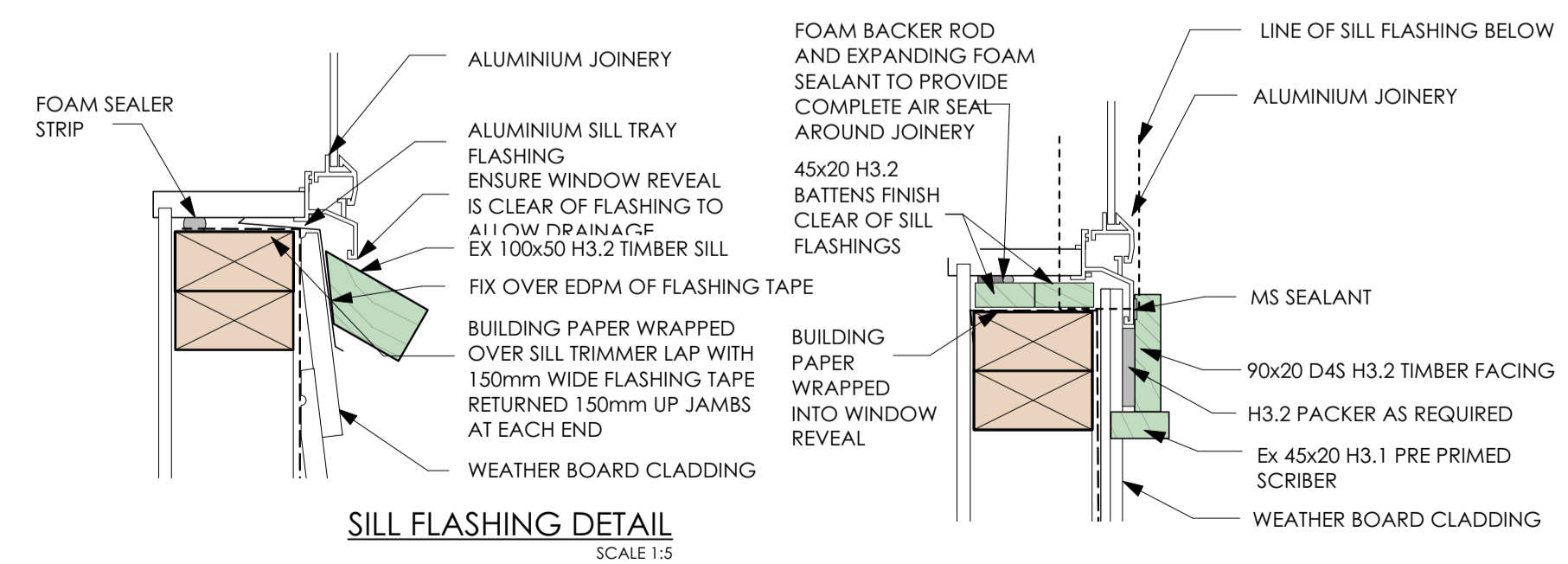
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| | PROJECT | TAWHERO SCHOOL ALTERATIONS-STAGE 2 | | | 21024 |
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| | DWG | DETAILS 1 | | | 11 |
| SCALE A1-1:10 A3-1:20 | | | | DATE 12 TENDER | |
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| Image | ID | Frame Height | Frame Width | LINTEL | Comments |
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| | W01 | 2420 | 4800 | 2/300x45 hySPAN FIXING: G | MANEFESTATION REQUIRED- SCOOOL TO SUPPLY GRAPHIC |
| NOTES: | | | | | |
| | W02 | 2420 | 4800 | 2/300x45 hySPAN FIXING: G | MANEFESTATION REQUIRED- SCOOOL TO SUPPLY GRAPHIC |
| NOTES: | | | | | |
| | W03 | 2420 | 4800 | 2/300x45 hySPAN FIXING: G | MANEFESTATION REQUIRED- SCOOOL TO SUPPLY GRAPHIC |
| NOTES: | | | | | |
| | W04 | 2420 | 4800 | 2/300x45 hySPAN FIXING: G | MANEFESTATION REQUIRED- SCOOOL TO SUPPLY GRAPHIC |
| NOTES: | | | | | |
| | W05 | 2420 | 4800 | 2/300x45 hySPAN FIXING: G | MANEFESTATION REQUIRED- SCOOOL TO SUPPLY GRAPHIC |
| NOTES: | | | | | |
| | W06 | 2420 | 4800 | 2/300x45 hySPAN FIXING: G | MANEFESTATION REQUIRED- SCOOOL TO SUPPLY GRAPHIC |
| NOTES: | | | | | |

| Image | ID | Frame Height | Frame Width | LINTEL | Comments |
|--------|-----|--------------|-------------|---------------------------|--|
| | W07 | 2500 | 4800 | 2/300x45 hySPAN FIXING: G | MANEFESTATION REQUIRED- SCOOOL TO SUPPLY GRAPHIC |
| NOTES: | | | | | |
| | W08 | 1000 | 800 | 2/90x45 LINTEL FIXING: F | OBSCURE SAFETY GLASS |
| NOTES: | | | | | |
| | W09 | 2000 | 980 | 2/90x45 LINTEL FIXING: F | |
| NOTES: | | | | | |
| | W10 | 2000 | 3020 | 2/240x45 FIXING: F | |
| NOTES: | | | | | |



HEAD FLASHING TO LAP 35mm BEHIND CLADDING. IN EXTRA HIGH WINDO ZONE LAP TO BE 60mm



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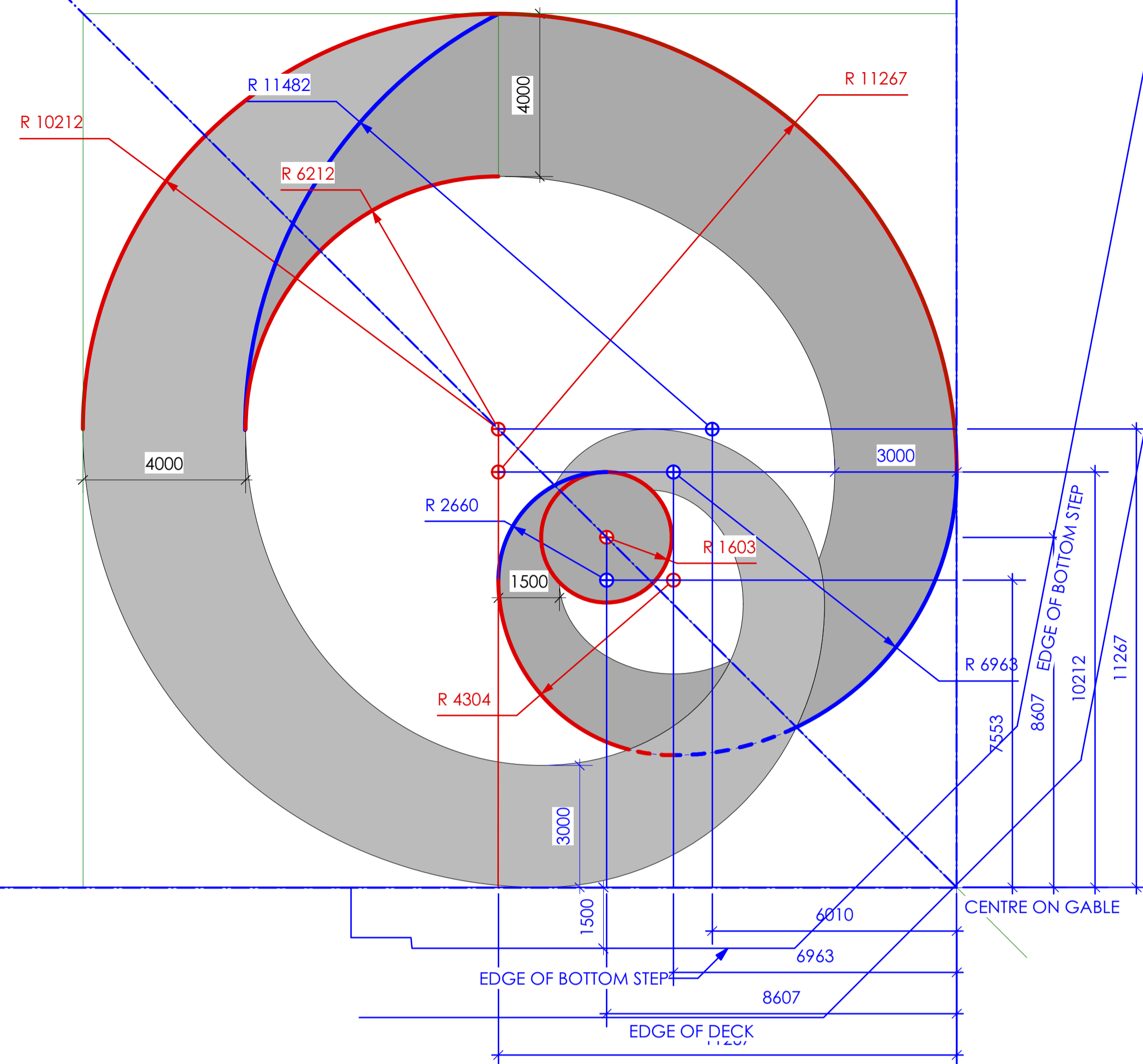
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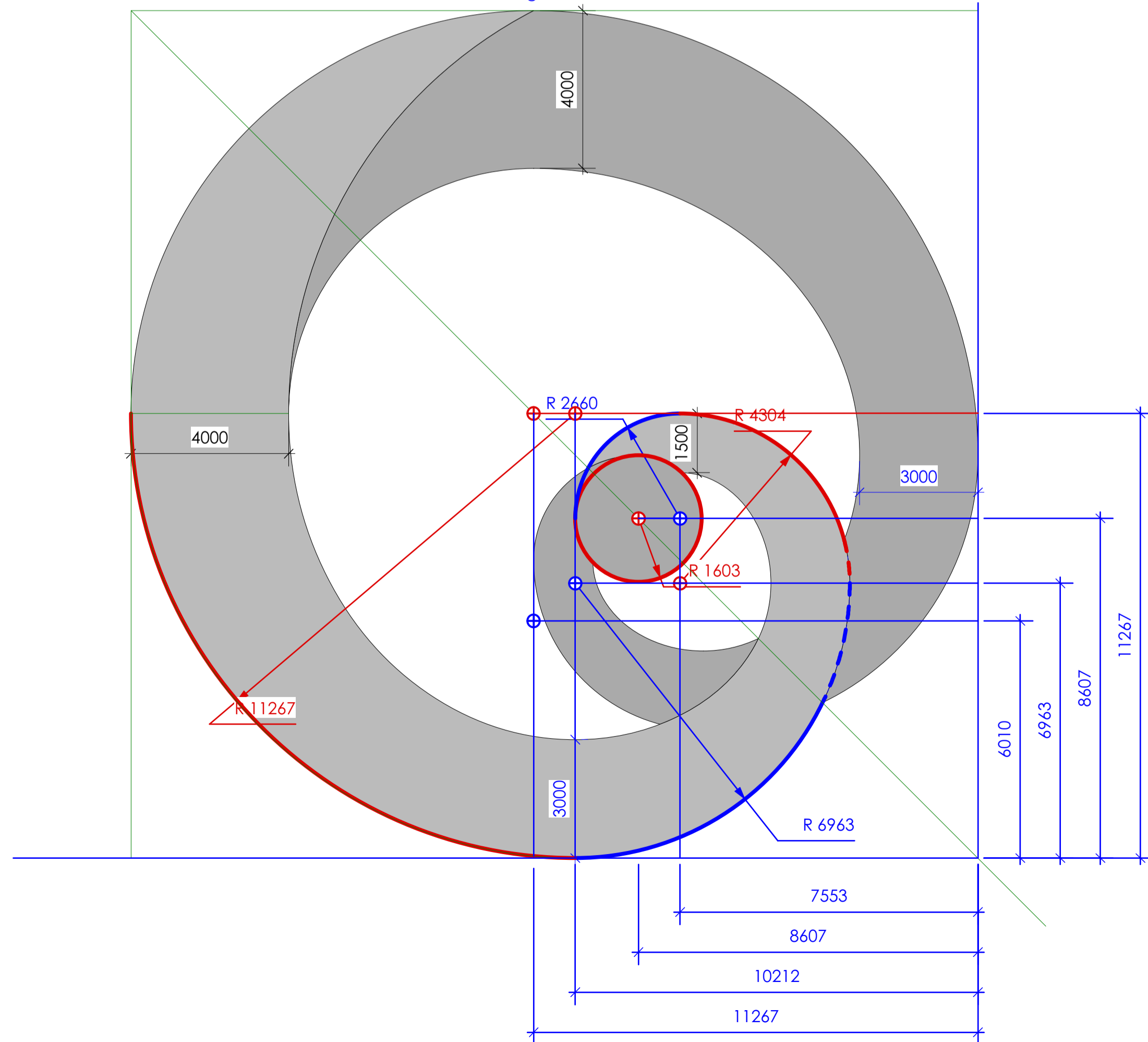
| ISSUE | DATE | REVISION | PROJECT # |
|----------|------------------------------------|----------|----------------|
| PROJECT | TAWHERO SCHOOL ALTERATIONS-STAGE 2 | | 21024 |
| CLIENT | TOTARA ST WANGANUI | SCALE | A1-1:5 A3-1:10 |
| DWG # | JOINERY | DATE | 13/8/22 TENDER |
| REVISION | | | 12 |

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PAVING SETUP- OUTSIDE CURVES

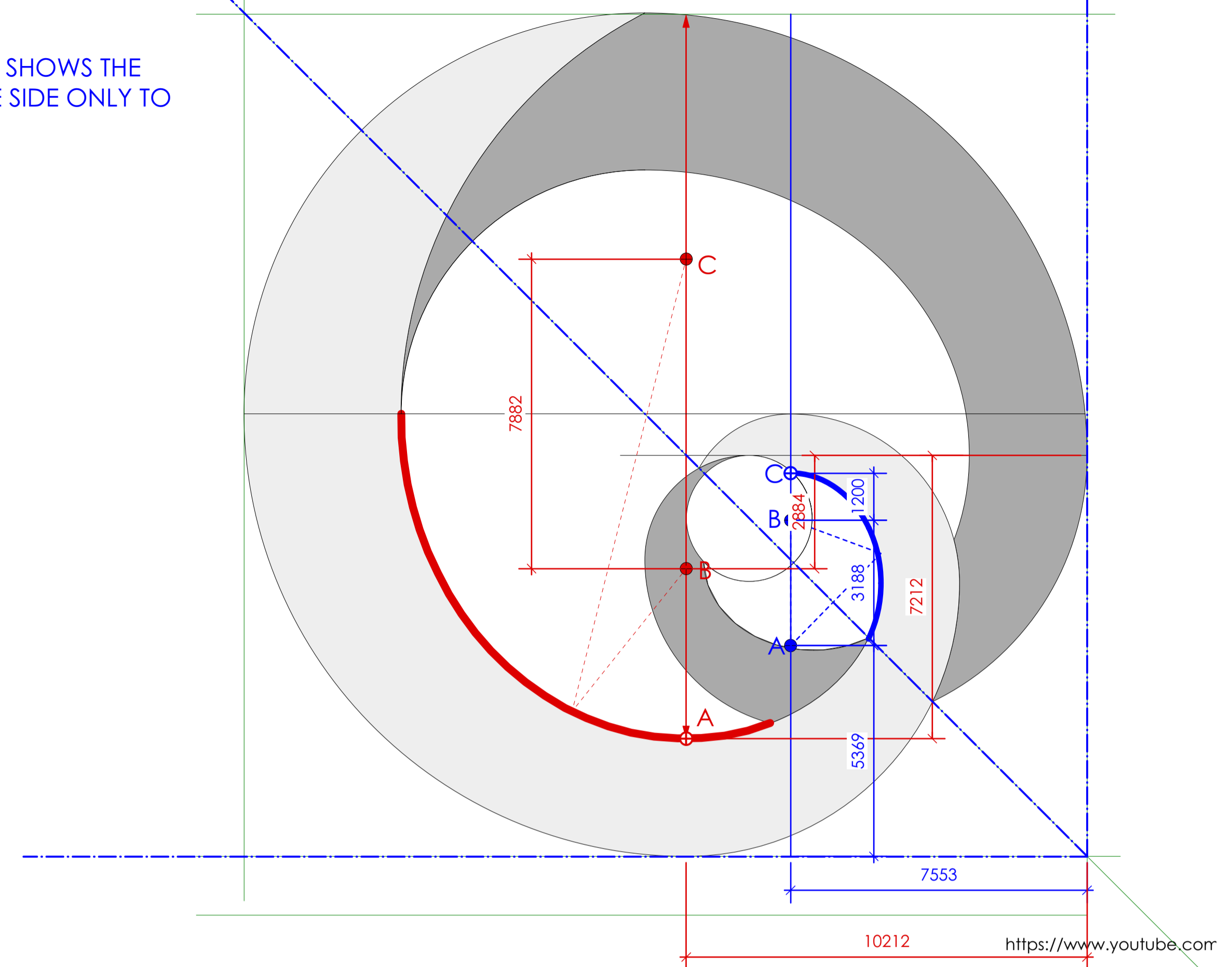


OUTSIDE CURVE ARE ALL SEGMENTS OF CIRCLES. ALL SEGMENTS ARE 90deg EXCEPT FOR THE CENTRE CIRCLE AND THE BLUE SEGMENT IN THE TOP LEFT.

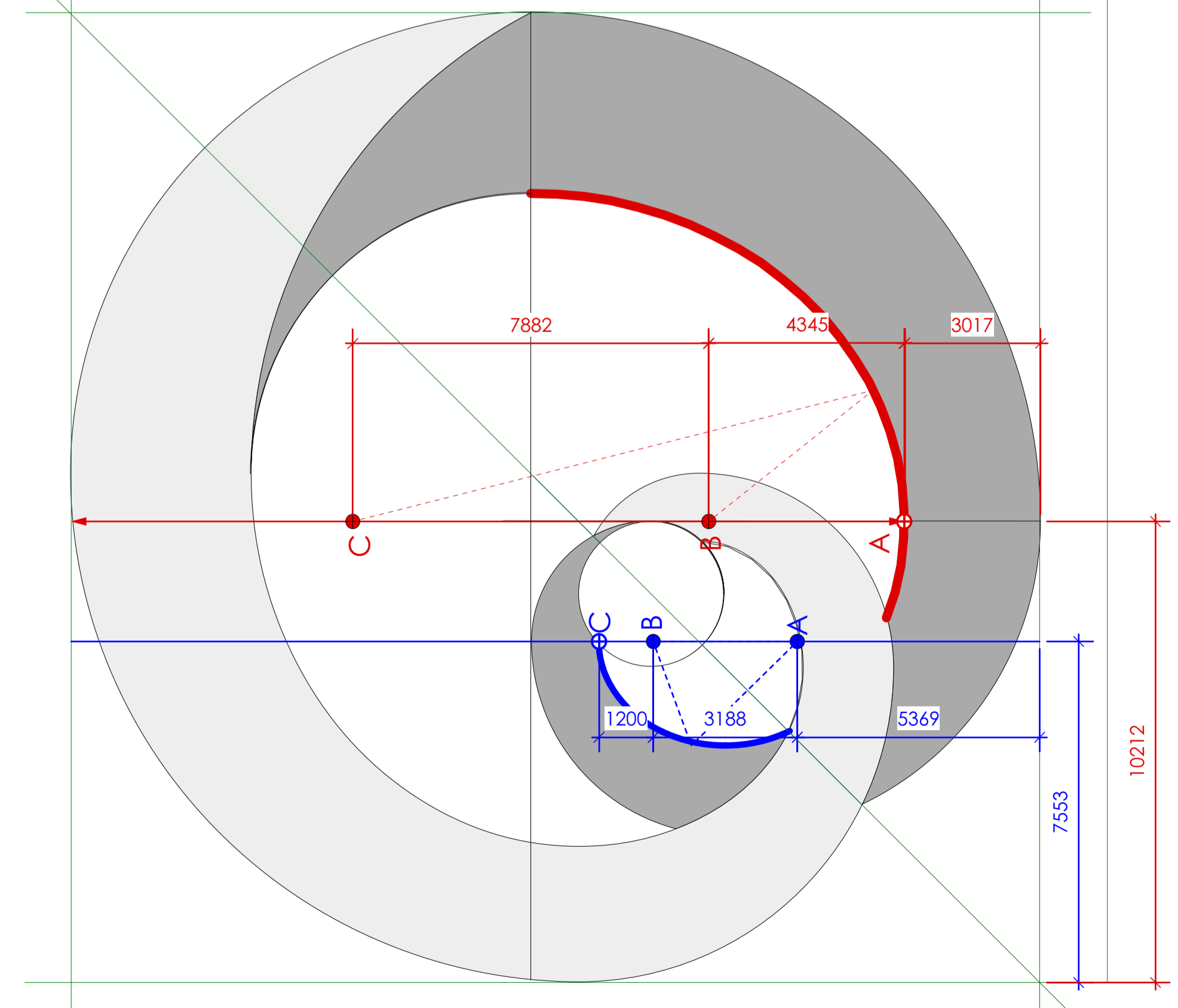


PAVING SETUP- INSIDE CURVES

EACH DRAWING SHOWS THE SETOUT FOR ONE SIDE ONLY TO AVOID CLUTTER.



INSIDE CURVES ARE ELIPTOIDS (PART OF AN ELLIPSE). AN ELLIPSE CAN BE DRAWN WITH STRING. FIRST DRIVE A PEG INTO THE GROUND AT EACH FOCII OF THE ELLIPSE (POINT C AND B). TIE ONE END OF THE STRING TO THE PEG AT C WRAP IT AROUND A TEMPORARY PEG (I SUGGEST A BIT OF D12 ROD FOR ALL PEGS) AT POINT A AND THEN BACK TO BE TIED OFF AGAIN AT THE PEG AT B. THE ARC CAN THEN BE DESCRIBED BY MOVING THE D12 ROD AROUND THE ARC KEEPING THE STRING TIGHT (BUT NOT STRETCHED). SEE THE VIDEO AT THE YOUTUBE LINK BELOW FOR A GOOD DEMONSTRATION <https://www.youtube.com/watch?v=TEOH982-2Is>



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