

90% DEVELOPED DESIGN PRICING REPORT

BULLS COMMUNITY CENTRE

09 FEBRUARY 2018



New Zealand
**consulting
engineers**
limited

MALTBYS
REFINING COSTS · MANAGING RISK · DELIVERING RESULTS

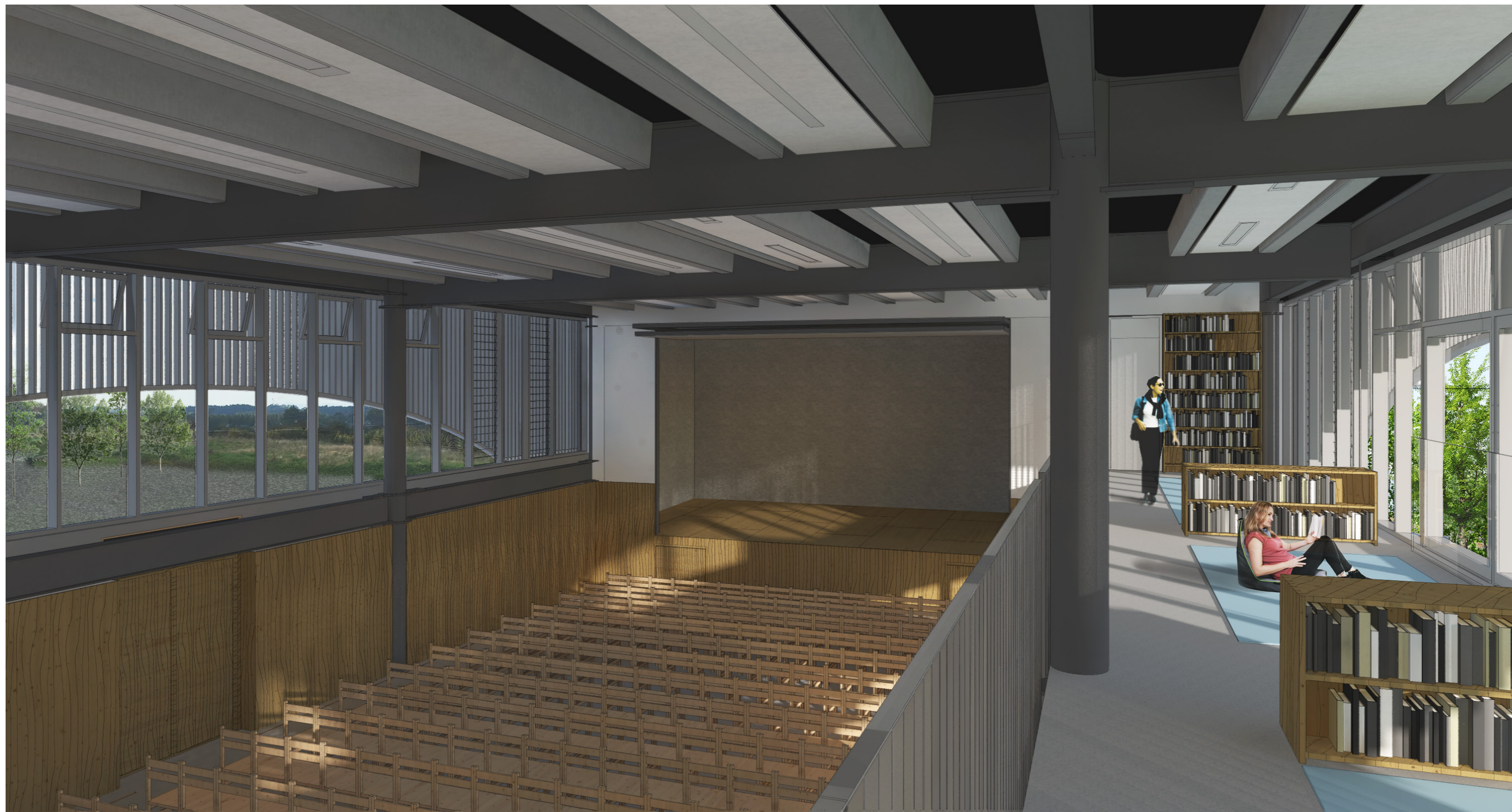
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ENTRY FROM CRITERION STREET



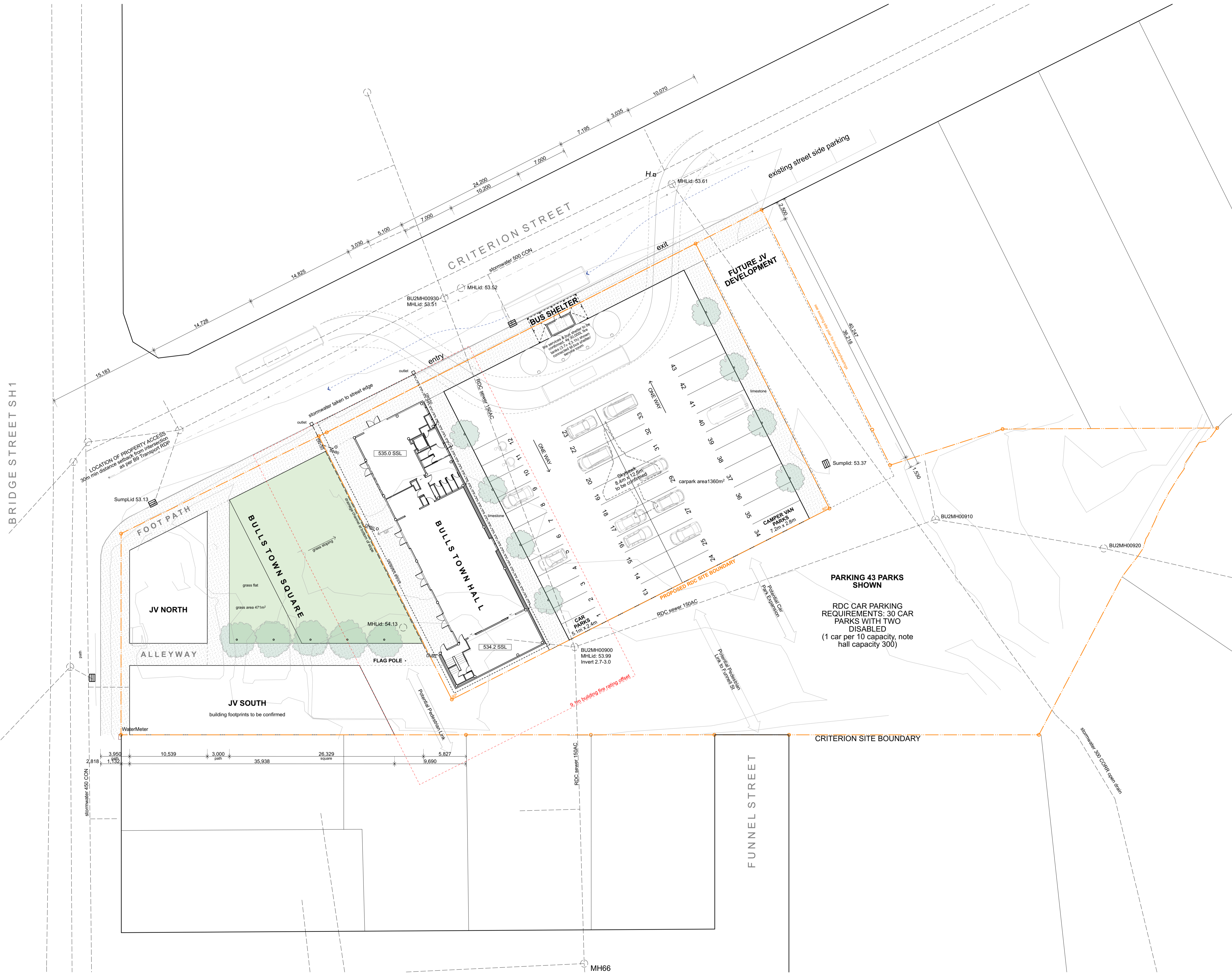
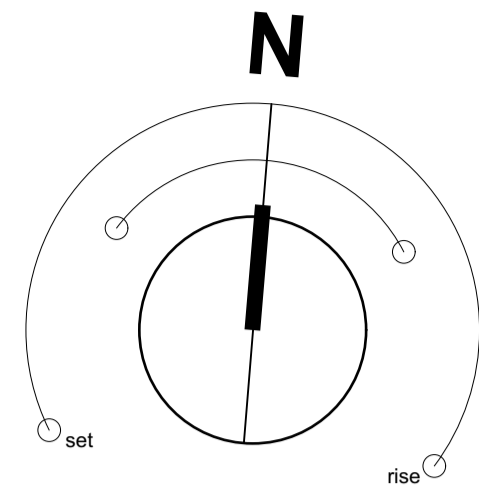
VIEW FROM TOWN SQUARE ALONG VERANDAH



VIEW FROM MEZZANINE LOOKING TOWARDS THE STAGE



VIEW IN L-HUB AT THE KIDS CORNER



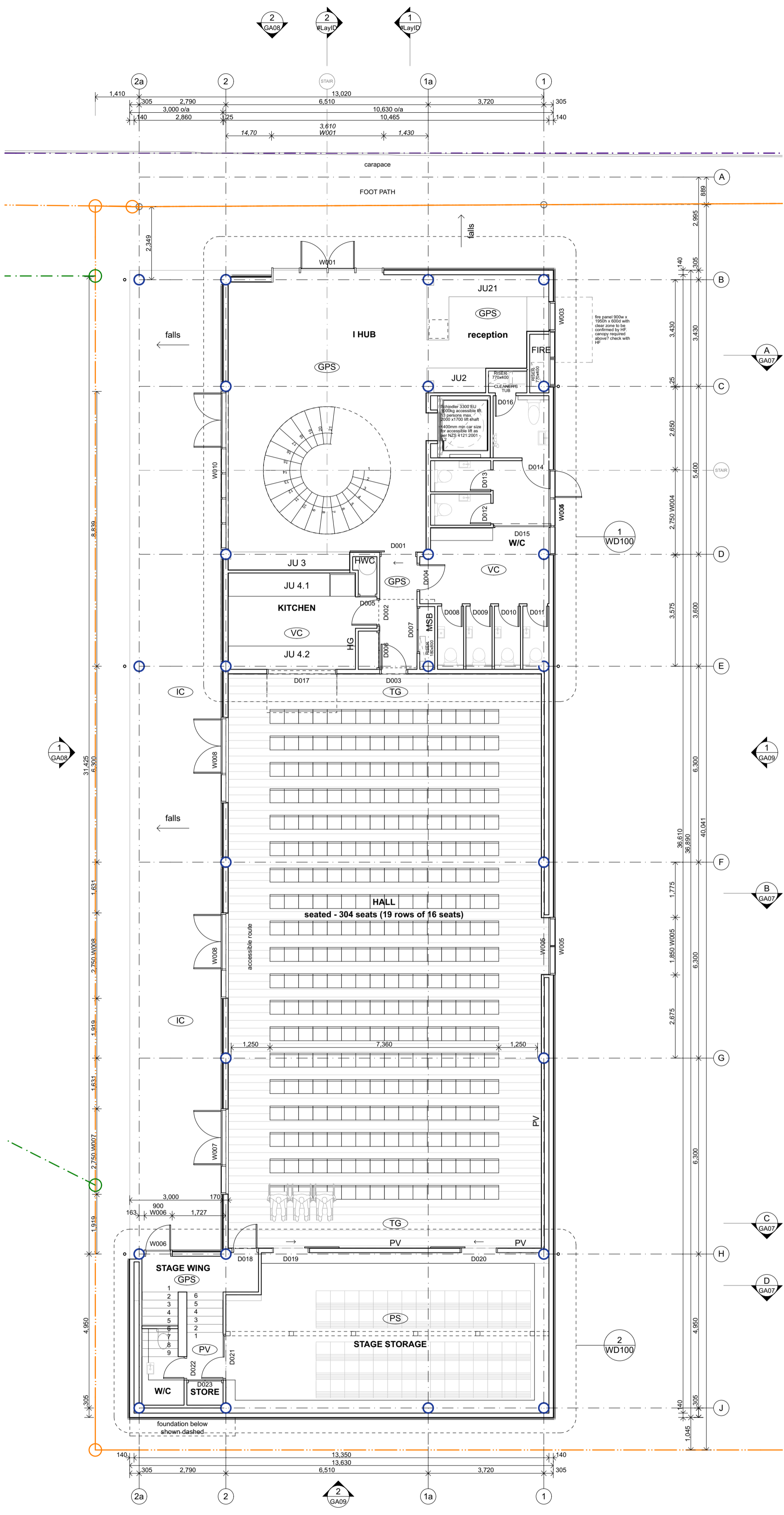
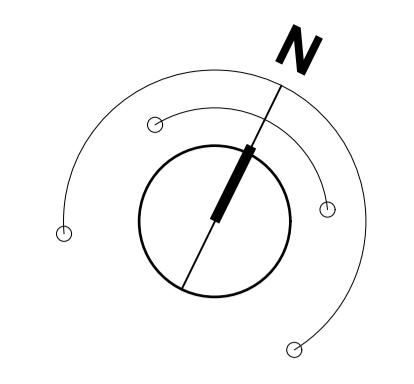
| REVISION | DATE | PURPOSE |
|----------|----------|--------------------------------------|
| A | 09/02/18 | 90% DD Pricing Issue |
| | 02/03/17 | V5 DD VM Issue |
| | 22/08/16 | V4 Issue RDC V4 for fund application |
| | 01/08/16 | V3 PD Issue |
| | 28/07/16 | V2 Issued OS for PD pricing |
| | 30/01/15 | V1 Issued OS for CD pricing |

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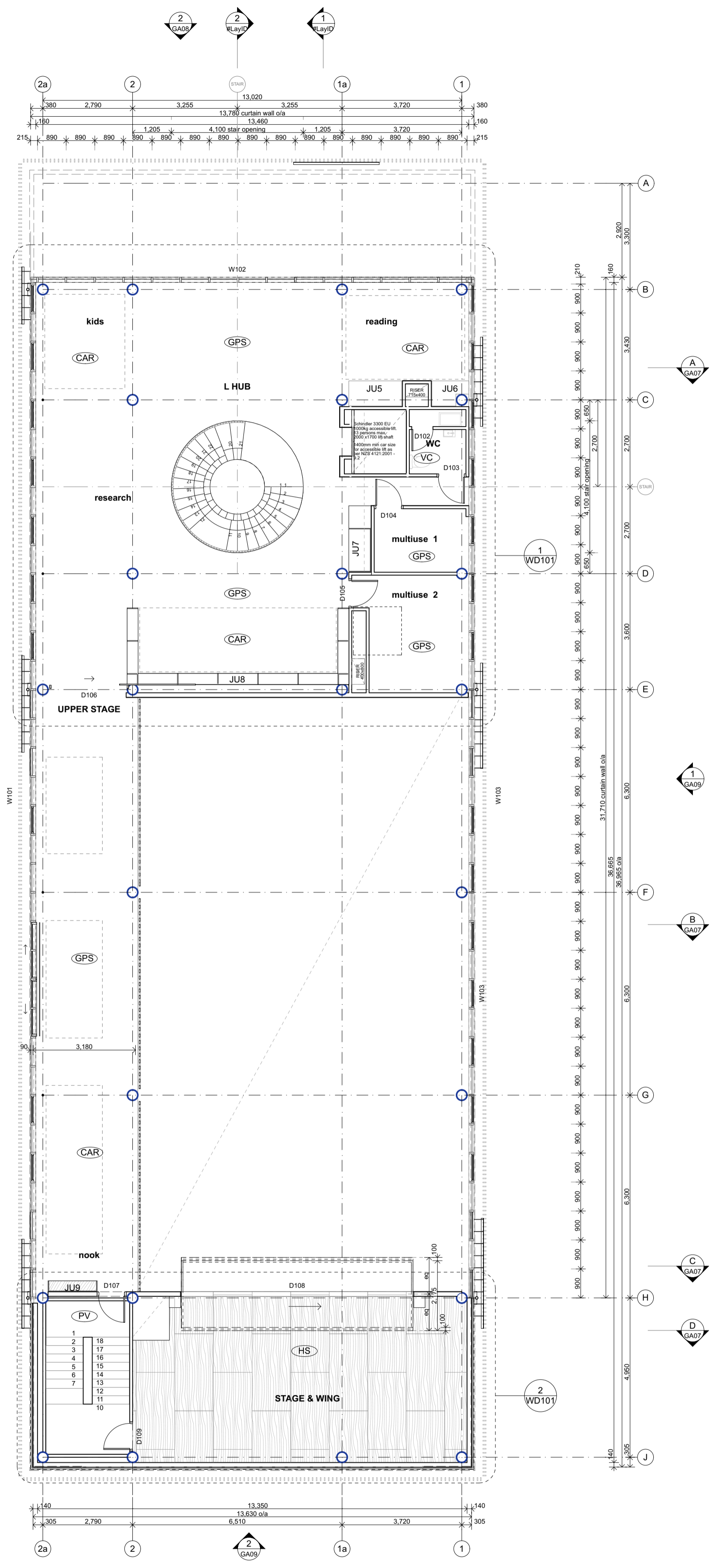
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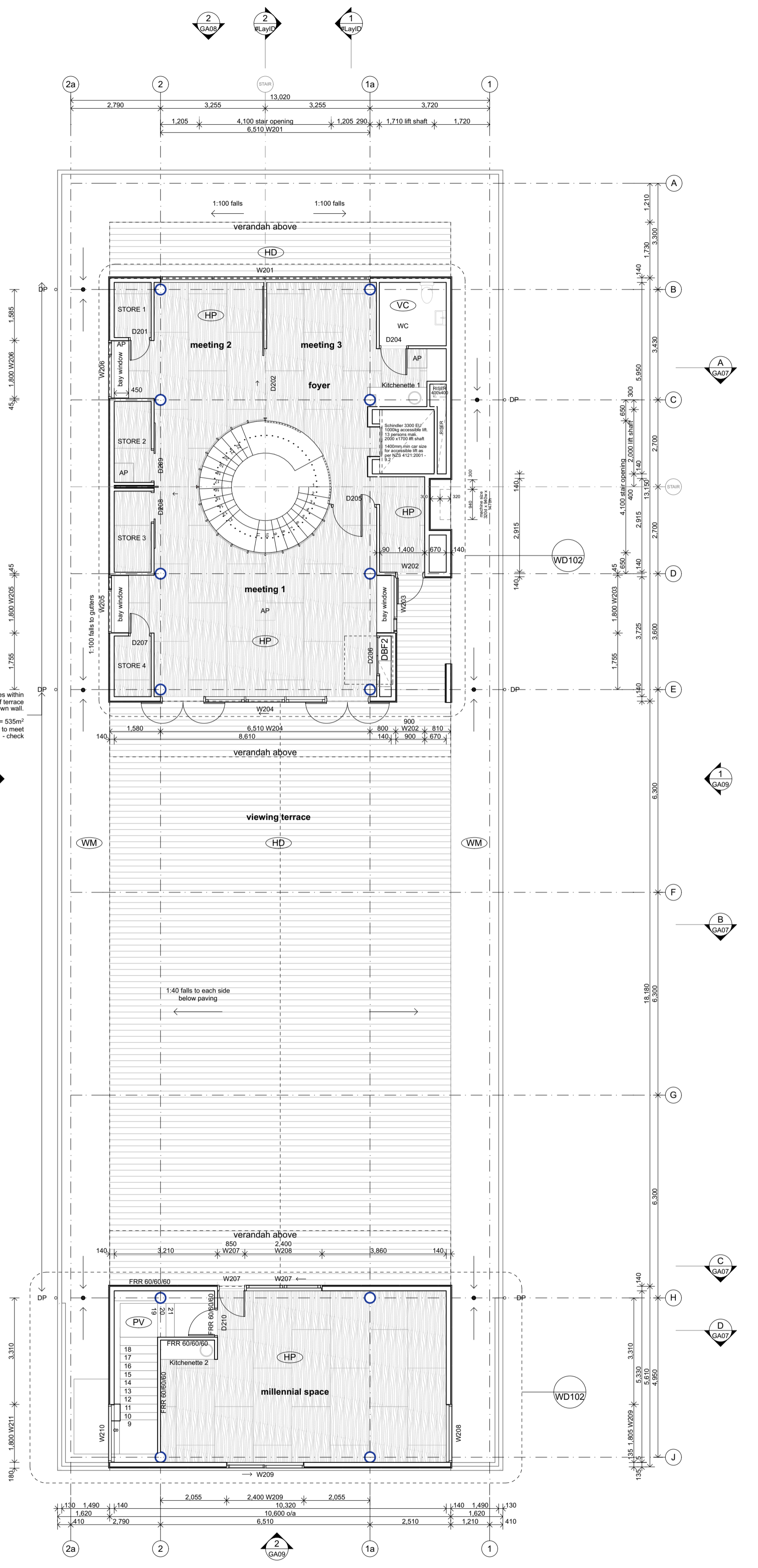
Proposed Site Plan
 Bulls Community Centre for RDC
 1:250 at A1 1:500 at A3 9/02/18
GA02 RevA



1 Ground Floor Plan - I HUB & HALL



2 1st Floor Plan - L HUB & STAGE



3 2nd Floor Plan - C HUB & ROOF DECK

- FINISHES LEGEND**
- EXTERIOR**
- MC coloursteel metal cladding system, L77 or sim. approved on cavity on weather resistant membrane on 140x45 H3 stud walls.
 - WM Enviroclad TPO membrane or sim. approved on shaped XPS to falls on slab.
 - WP Enviroclad TPO membrane or sim. approved on H3 plywood substrate.
 - IC 140x25 hardwood decking (gapped) on H3 joists on proprietary stack jacks to sloping roof.
 - FC Clearspan fibre cement on XpressClad system on 140x45 H3 stud walls.
- INTERIOR**
- FLOOR**
- GPS heavy grind/polished/sealed concrete slab.
 - PS painted/sealed concrete slab, steel float finish.
 - TG 14 engineered hardwood flooring on 25 H3.2 battens or DPC, note XPS insulation.
 - VC Altro safety vinyl to 200 up walls on concrete slab.
 - VP Altro safety vinyl to tread on 18 BD ply stair c/note fibrodo nosings.
 - HS 25 hardwood ply on 240x45 floor joists note FR bracing 30/30/30 to underside.
 - HP 17 hardwood ply to floor joists.
 - CAR selected carpet rug with underlay on sealed concrete slab.
- WALLS**
- PB 13 plasterboard on H1.2 90x45, p/f.
 - PLP 13 perforated acoustic plaster board p/f.
 - HG 6 Hardieglaze on 10 water resistant PB, pre finished.
 - PV 12 BD veneer ply c/sador c/f on H1.2 90x45, S2 coating.
 - PY 12 BD ply pine on H3.2 140x45.
 - LP mirror on vinyl backing on 10 water resistant PB.
 - LP ply steel laminate on 25 D ply partitions.
 - FCI 8 fibrocement on tyrelite plasterboard, note 60/60/60 fire rating.
- CEILING**
- FP insitu concrete on 18 Formply c/note S2 coating.
 - AC 50 Asoma Triton on Rondo between stahlton ribs.
 - PB 10 plasterboard on suspended Rondo.
 - PC 10 water resistant plasterboard on suspended Rondo.
 - PBW 10 water resistant plasterboard on suspended Rondo.

| REVISION | DATE | PURPOSE |
|----------|------------|----------------------|
| A | 09/02/18 | 90% DD Pricing Issue |
| | 02/03/2017 | DD VM Issue |
| | 08/12/2016 | DD Issue |
| | 22/08/2016 | Rev1 |
| | 29/07/2016 | PD Issue |

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Floor Plans 1:200 at A3
 Bulls Community Centre for RDC
 1:100 at A1 1:200 at A3 9/02/18
GA03 RevA

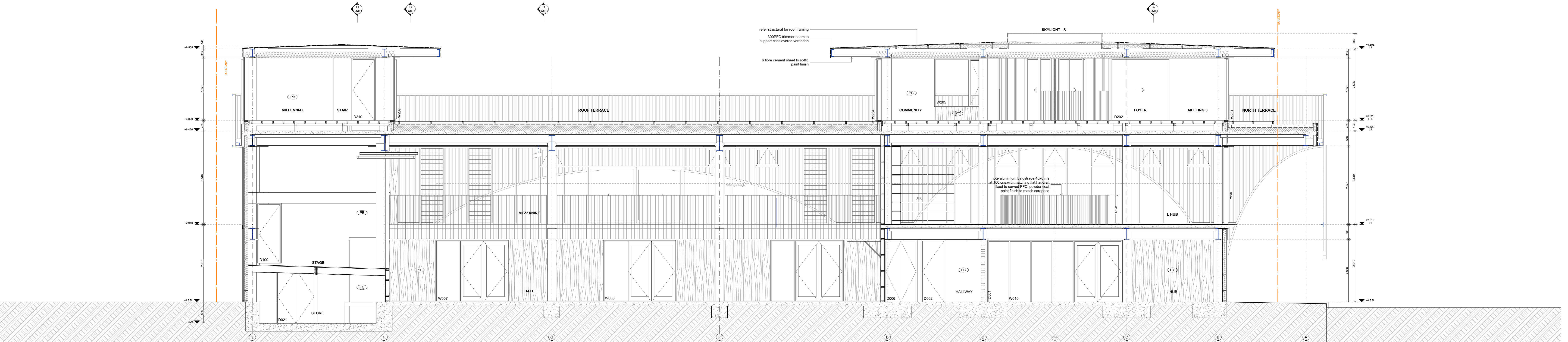
FINISHES LEGEND

EXTERIOR

- MC coloursteel metal cladding system, L7 or sim. approved on cavity on weather resistant membrane on 140x45 H3 stud walls
- WM Enviroclad TPO membrane or sim. approved on shaped XPS to falls on slab
- WP Enviroclad TPO membrane or sim. approved on H3 17 plywood substrate
- IC insitu concrete exposed river gravel finish
- HD 140x25 hardwood decking (gapped) on H3 joists on proprietary deck jacks to sloping roof
- FC Eterpan 9mm fibre cement on XpressClad system on 140x45 H3 stud walls

INTERIOR

- FLOOR heavy grind/polished/sealed concrete slab
- GPS painted/sealed concrete slab, steel float finish
- PS 14 engineered hardwood flooring on 25 H3.2 battens or DPC, note XPS insulation
- TG Altro safety vinyl covered 200 up walls on concrete slab
- VC Altro safety vinyl to tread on 18 BD ply stair c.f. note ferodo nosings
- VP 25 hardwood ply on 240x45 floor joists note FR bracing 30/30/30 to underside
- HS 17 hardwood ply to floor joists
- HP selected carpet rug with underlay on sealed concrete slab
- CAR 13 plasterboard on H1.2 90x45, p.f
- PB 13 perforated acoustic plaster board p.f
- PLP 6 Hardieglaze on 10 water resistant PB, pre finished
- HG 12 BD veneer ply 'stado' c.f. on H1.2 90x45, S2 coating
- PV 12 BD ply pine c.f. on H3.2 140x45
- PY mirror on vinyl backing on 10 water resistant PB
- MR galv. steel laminate on 25 DD ply partitions
- LP 8 fibercement on fyreline plasterboard, note 60/60/60 fire rating.
- FCI
- FCP
- CEILING
- FP Insitu concrete on 18 Formply c.f. note S2 coating
- AC 50 Asona Triton on Rondo between stahlton ribs
- PB 10 plasterboard on suspended Rondo
- PBW 10 water resistant plasterboard on suspended Rondo



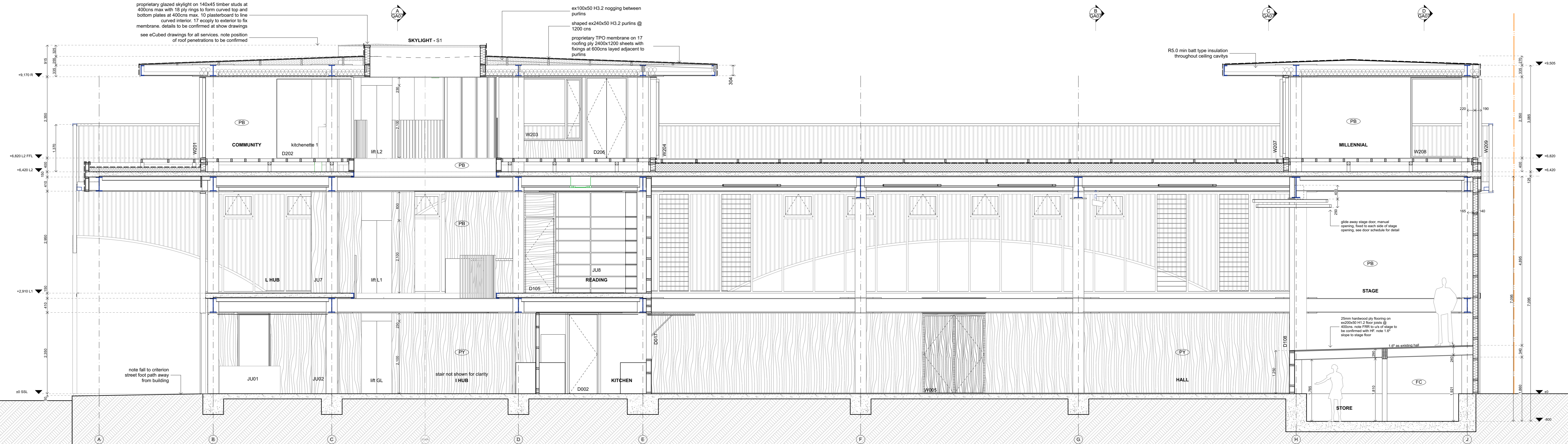
| REVISION | DATE | PURPOSE |
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Longitudinal Section 1-1
Bulls Community Centre for RDC
1:50 at A3 1:100 at A3 26/02/18 **GA06A RevA**



proprietary glazed skylight on 140x45 timber studs at 400cns max with 18 ply rings to form curved top and bottom plates at 400cns max. 10 plasterboard to line curved interior. 17 ecoply to exterior to fix membrane. details to be confirmed at show drawings see eCubed drawings for all services. note position of roof penetrations to be confirmed

ex100x50 H3.2 nogging between purlins
shaped ex240x50 H3.2 purlins @ 1200 cns
proprietary TPO membrane on 17 roofing ply 2400x1200 sheets with fixings at 600cns laid adjacent to purlins

R5.0 min batt type insulation throughout ceiling cavities

note fall to criterion street foot path away from building

25mm hardwood ply flooring on ex200x50 H1.2 floor joists @ 400cns. note FRB to side of stage to be confirmed with HF. note 1.6° slope to stage floor

1.6° as existing hall

| REVISION | DATE | PURPOSE |
|----------|----------|---------------------|
| A | 20/02/18 | 200_007 Final Issue |

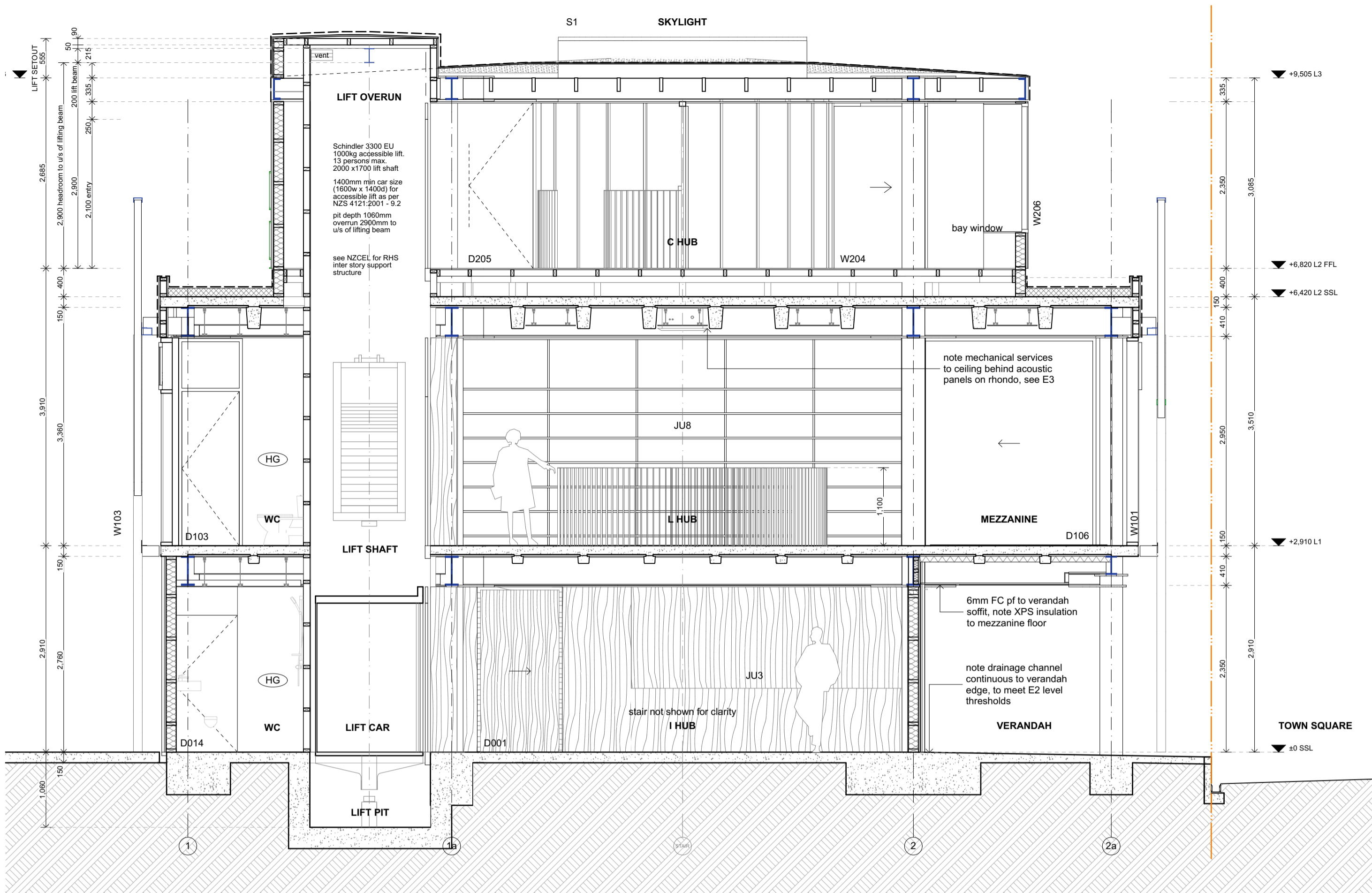
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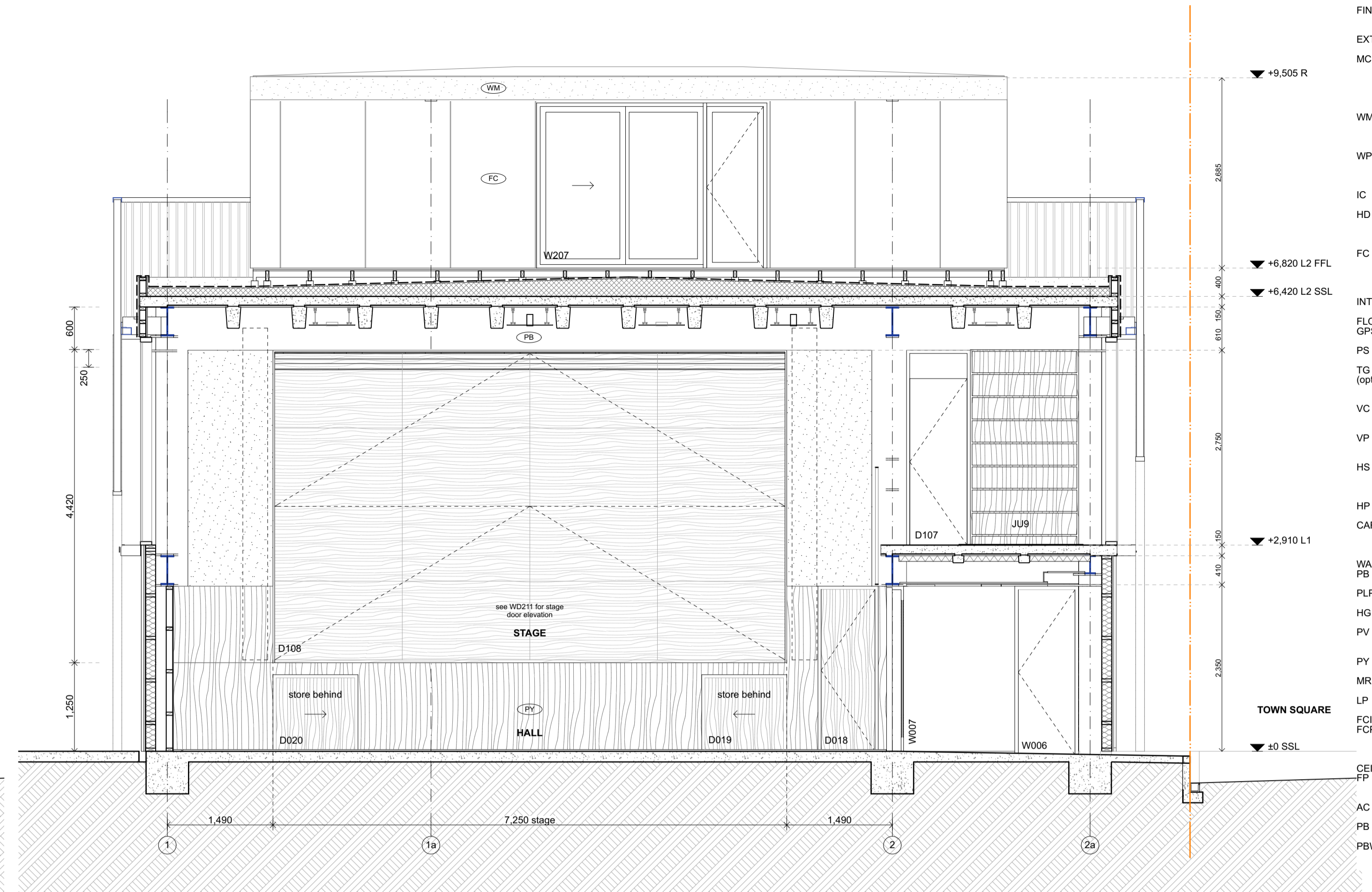
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Longitudinal Section 2-2
Bulls Community Centre for RDC
1:50 at A3 1:100 at A3 26/02/18 **GA06B RevA**

- FINISHES LEGEND**
- EXTERIOR**
- MC coloursteel metal cladding system, L17 or sim approved on cavity on weather resistant membrane on 140x45 H3 stud walls
 - WM Enviroclad TPO membrane or sim. approved on shaped XPS to falls on slab
 - WP Enviroclad TPO membrane or sim. approved on H3 17 plywood substrate
 - IC insitu concrete exposed river gravel finish
 - HD 140x25 hardwood decking (gapped) on H3 joists on proprietary deck jacks to sloping roof
 - FC Eterpan 9mm fibre cement on XpressClad system on 140x45 H3 stud walls
- INTERIOR**
- FLOOR**
- GPS heavy grind/polished/sealed concrete slab
 - PS painted/sealed concrete slab. steel float finish
 - TG 14 engineered hardwood flooring on 25 H3.2 (option)
 - VC XPS insulation
 - VP Altro safety vinyl covered 200 up walls on concrete slab
 - VP Altro safety vinyl to tread on 18 BD ply stair c.f. note ferodo nosings
 - HS 25 hardwood ply on 240x45 floor joists note FR bracing 30/30/30 to underside
 - HP 17 hardwood ply to floor joists
 - CAR selected carpet rug with underlay on sealed concrete slab
- WALLS**
- PB 13 plasterboard on H1.2 90x45, p.f
 - PLP 13 perforated acoustic plaster board p.f
 - HG 6 Hardieglaze on 10 water resistant PB, pre finished
 - PV 12 BD veneer ply 'stado' c.f. on H1.2 90x45, S2 coating
 - PY 12 BD ply pine c.f. on H3.2 140x45
 - MR mirror on vinyl backing on 10 water resistant PB
 - LP galv. steel laminate on 25 DD ply partitions
 - FCI 8 fibercement on fyreline plasterboard. note 60/60/60 fire rating.
 - FCP 8 fibercement on fyreline plasterboard. note 60/60/60 fire rating.
- CEILING**
- FP Insitu concrete on 18 Formply c.f. note S2 coating
 - AC 50 Asona Triton on Rondo between stahlton ribs
 - PB 10 plasterboard on suspended Rondo
 - PBW 10 water resistant plasterboard on suspended Rondo



1 Section A-A - Hub



3 Section C-C - Stage

FINISHES LEGEND

EXTERIOR

- MC coloursteel metal cladding system, L77 or sim. approved on cavity on weather resistant membrane on 140x45 H3 stud walls
- WM Enviroclad TPO membrane or sim. approved on H3 17 plywood substrate
- WP Enviroclad TPO membrane or sim. approved on H3 17 plywood substrate
- IC insitu concrete exposed river gravel finish
- HD 140x25 hardwood decking (gapped) on H3 joists on proprietary deck jacks to sloping roof
- FC Eternam 9mm fibre cement on XpressClad system on 140x45 H3 stud walls

INTERIOR

FLOOR

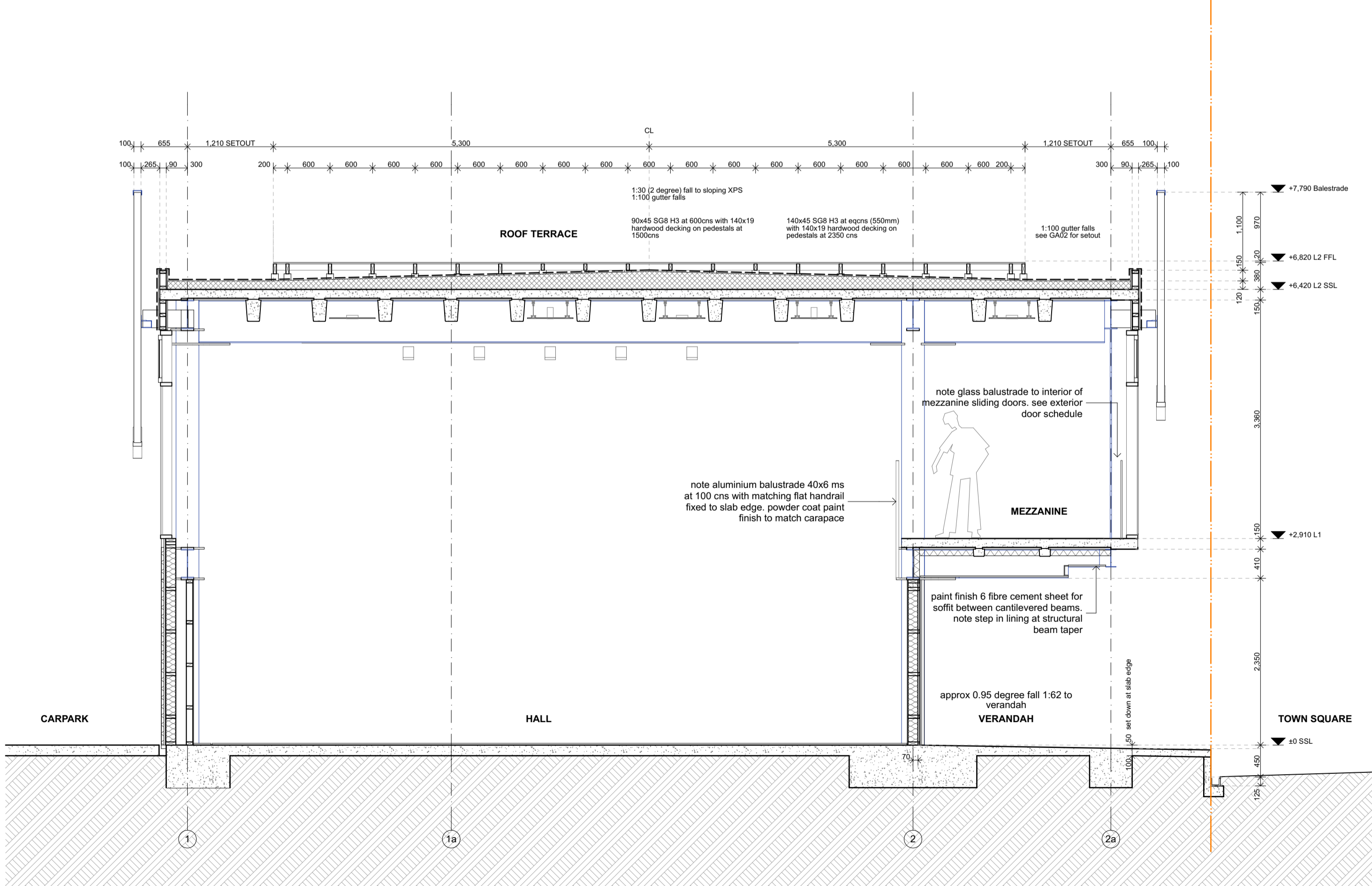
- GPS heavy grind/polished/sealed concrete slab painted/sealed concrete slab, steel float finish
- PS 14 engineered hardwood flooring on 25 H3 2 battens or DPC, note XPS insulation
- VC Altro safety vinyl covered 200 up walls on concrete slab
- VP Altro safety vinyl to tread on 18 BD ply stair, cf note ferodo nosings
- HS 25 hardwood ply on 240x45 floor joists note FR tracing 30/30/30 to underside
- HP 17 hardwood ply to floor joists selected carpet rug with underlay on sealed concrete slab
- CAR selected carpet rug with underlay on sealed concrete slab

WALLS

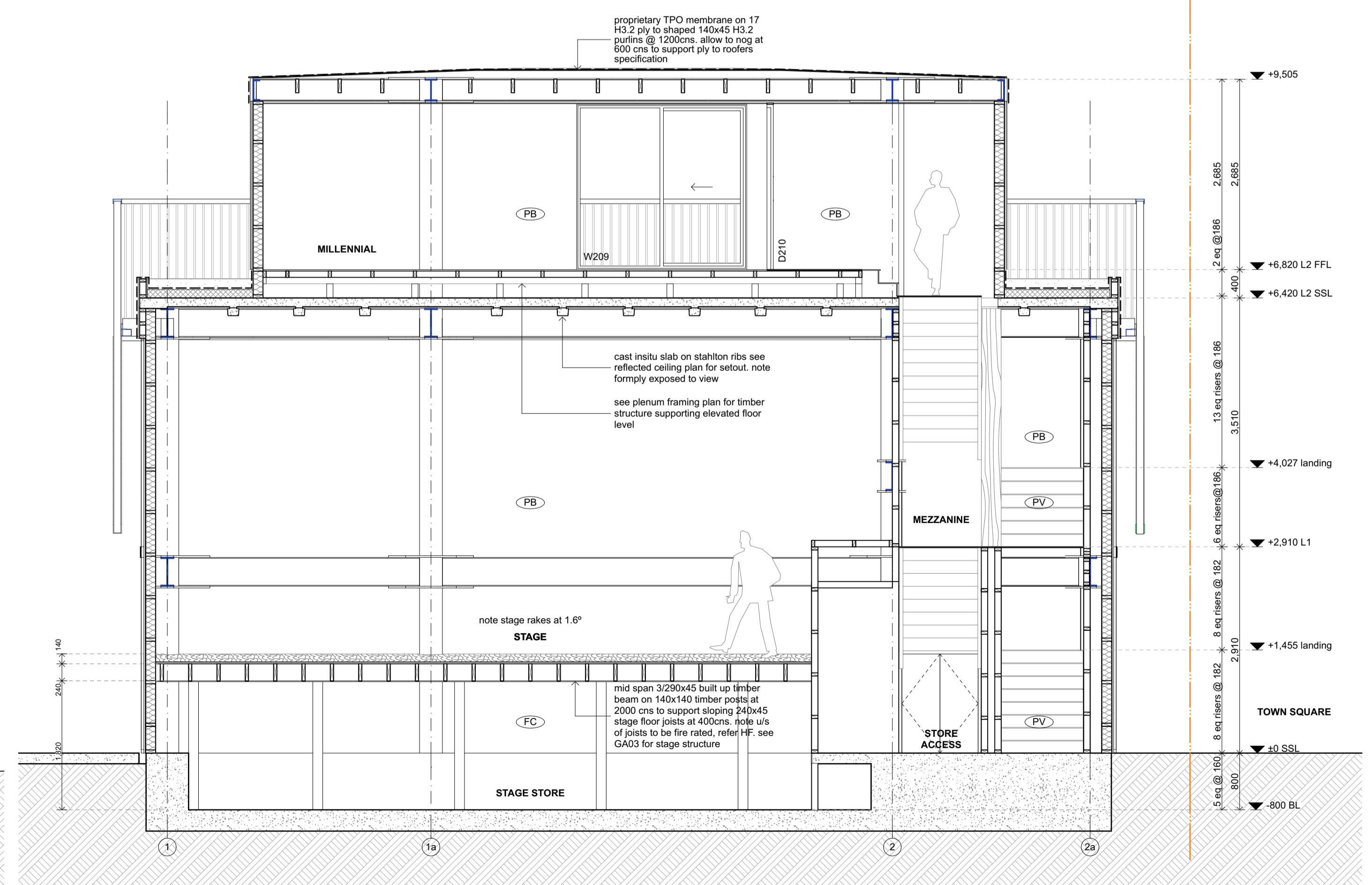
- PB 13 plasterboard on H1.2 90x45, p.f
- PLP 13 perforated acoustic plaster board p.f
- HG 6 Hardieglaze on 10 water resistant PB, p.m finished
- PV 12 BD veneer ply 'dado' cf. on H1.2 90x45, S2 coating
- PY 12 BD ply pine cf. on H3.2 140x45
- MR mirror on vinyl backing on 10 water resistant PB
- LP galv. steel laminate on 25 DD ply partitions
- FCI 8 fibercement cf. 8 fibercement on fyrolite plasterboard, note 60/60/60 fire rating
- FCP 8 fibercement on fyrolite plasterboard, note 60/60/60 fire rating

CEILING

- FP insitu concrete on 18 Formply cf. note S2 coating
- AC 50 Asona Trilon on Rondo between stailion ribs
- PB 10 plasterboard on suspended Rondo
- PBW 10 water resistant plasterboard on suspended Rondo



2 Section B-B - Hall Roof Falls Setout



4 Section D-D - Stage Stair

| REVISION | DATE | PURPOSE |
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| A | 09/02/18 | 90% DD Pricing Issue |
| | 08/12/2016 | DD Issue |
| | 29/07/2016 | PD Issue |

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Transverse Sections
Bulls Community Centre for RDC
1:50 at A1 1:100 at A3 9/02/18
GA07 RevA