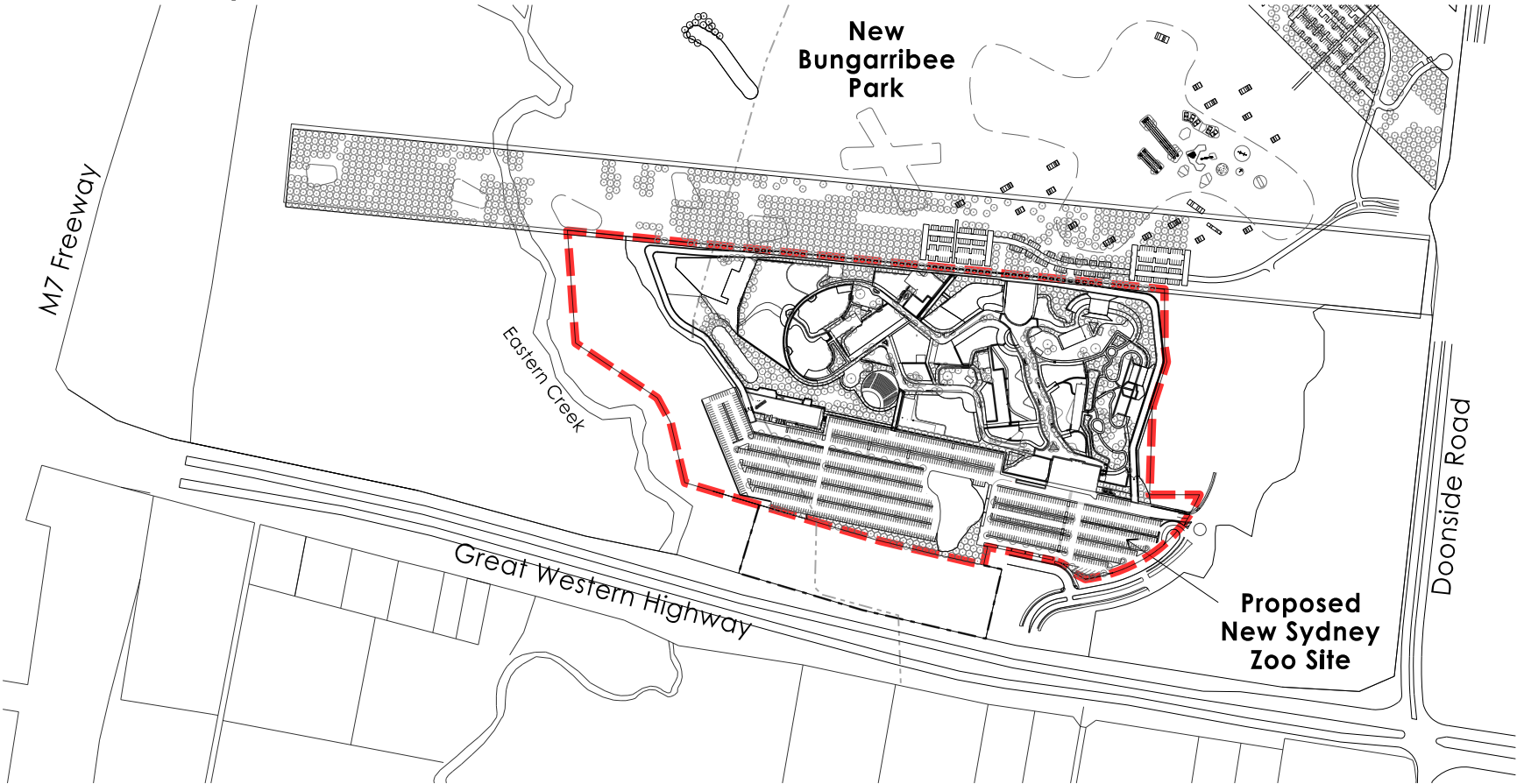


Architectural Drawing Schedule

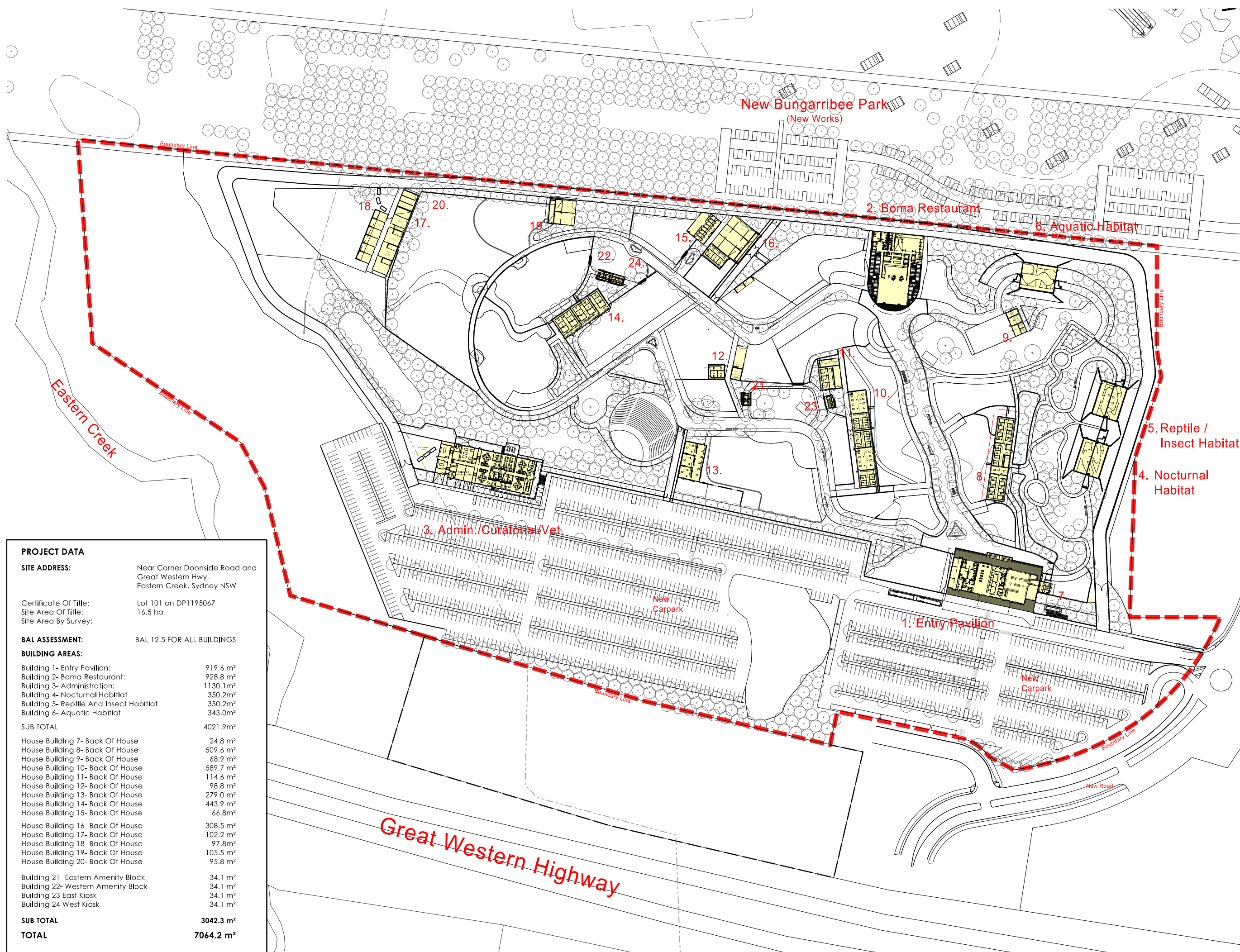
No.	Drawing	Scale	Issue
DA 01	Cover Sheet / Locality Plan	N.T.S	E
DA 02	Master Plan For The Site	NA	E
DA 03	DA Areas Calculations - Building 1	NA	E
DA 04	DA Areas Calculations - Building 2	NA	E
DA 05	DA Areas Calculations - Building 3	NA	E
DA 06	DA Areas Calculations - Buildings 4,5,6,20,21,22 + 23	NA	E
DA 100	Site & Floor Plan Of Building 1 - Entry / Retail Pavilion	1:200	E
DA 101	Floor Plan Of Building	1:100	E
DA 102	Roof Plan	1:100	E
DA 103	3D Image	NA	E
DA 104	3D Image	NA	E
DA 105	Elevations	1:100	E
DA 106	Elevations	1:100	E
DA 107	Section A	1:50	E
DA 108	Section B	1:50	E
DA 109	Section C	1:50	E
DA 110	Section D	1:50	E
DA 111	Section E	1:50	E
DA 112	Section F	1:50	E
DA 200	Site & Floor Plan Of Building 2 - Restaurant	1:200	E
DA 201	Floor Plan Of Building	1:100	E
DA 202	Roof Plan	1:100	E
DA 203	3D Image	NA	E
DA 204	3D Image	NA	E
DA 205	3D Image	NA	E
DA 206	Elevations	1:100	E
DA 207	Elevations	1:100	E
DA 208	Sections	1:100	E
DA 300	Site & Floor Plan Of Building 3 - Administration / Curatorial / Vet	1:200	E
DA 301	Floor Plan Of Building	1:100	E
DA 302	Roof Plan	1:100	E
DA 303	3D Image	NA	E
DA 304	Elevations	1:100	E
DA 305	Sections	1:100	E
DA 306	3D Image	NA	E
DA 400	Site & Floor Plan Of Building 4 - Nocturnal Habitat	1:200	E
DA 401	Floor Plan Of Building	1:50	E
DA 402	Reflected Ceiling Plan	1:50	E
DA 403	3D Image	NA	E
DA 404	Elevations	1:50	E
DA 405	Sections	1:50	E
DA 406	Sections	1:50	E
DA 407	3D Image	NA	E
DA 500	Site & Floor Plan Of Building 5 - Reptile & Insect Habitat	1:200	E
DA 501	Floor Plan Of Building	1:50	E
DA 502	Reflected Ceiling Plan	1:50	E
DA 503	3D Image	NA	E
DA 504	Elevations	1:50	E
DA 505	Sections	1:50	E
DA 506	Sections	1:50	E
DA 507	3D Image	NA	E
DA 600	Site & Floor Plan Of Building 6 - Aquatic Habitat	1:200	E
DA 601	Floor Plan Of Building	1:50	E
DA 602	Reflected Ceiling Plan	1:50	E
DA 603	3D Image	NA	E
DA 604	Elevations	1:50	E
DA 605	Sections	1:50	E
DA 606	Sections	1:50	E
DA 700	BOH 07 Site & Floor Plan - Dingoes Exhibit	1:100	E
DA 701	Floor Plan, Elevations & Section	1:50	E
DA 710	BOH 08 Site & Floor Plan - Lowland Gorillas	1:150	E
DA 711	Elevations & Sections	1:100	E
DA 720	BOH 09 Site & Floor Plan - Farm Experience	1:100	E
DA 721	Elevations & Sections	1:100	E
DA 730	BOH 10 Site & Floor Plan - Chimpanzees	1:150	E
DA 731	Elevations & Sections	1:100	E
DA 740	BOH 11 Site & Floor Plan - Tigers	1:100	E
DA 741	Elevations & Sections	1:100	E
DA 750	BOH 12 Site & Floor Plan - Sun Bears/New Ungulate	1:100	E
DA 751	Elevations & Sections	1:100	E
DA 760	BOH 13 Site & Floor Plan - Elephants	1:150	E
DA 761	Elevations & Sections	1:100	E
DA 770	BOH 14 Site & Floor Plan - Lions	1:200	E
DA 771	Elevations & Sections	1:100	E
DA 780	BOH 15 Site & Floor Plan - African Wild Dogs	1:100	E
DA 781	Elevations & Sections	1:50	E
DA 790	BOH 16 Site & Floor Plan - Hippos/Puma/Bison	1:150	E
DA 791	Elevations & Sections - Puma	1:100	E
DA 792	Elevations & Sections - Hippos	1:100	E
DA 800	BOH 17 Site & Floor Plan - Giraffes/Zebras	1:150	E
DA 801	Elevations & Sections	1:100	E
DA 810	BOH 18 Site & Floor Plan - Weather Shelters	1:150	E
DA 811	Elevations & Sections	1:100	E
DA 820	BOH 19 Site & Floor Plan - Rhinos	1:100	E
DA 821	Elevations & Sections	1:100	E
DA 830	BOH 20 Site & Floor Plan - Service Yard	1:100	E
DA 831	Elevations & Sections	1:100	E
DA 840	BOH 21 Site & Floor Plan - Eastern Amenities Block	1:100	E
DA 841	Elevations & Sections	1:50	E
DA 850	BOH 22 Site & Floor Plan - Eastern Kiosk	1:100	E
DA 851	Elevations & Sections	1:50	E
DA 860	BOH 23 Site & Floor Plan - Western Amenities Block	1:100	E
DA 861	Elevations & Sections	1:50	E
DA 870	BOH 24 Site & Floor Plan - Western Kiosk	1:100	E
DA 871	Elevations & Sections	1:50	E



Locality Plan



Site Plan



TOTAL	7064.2 m²
--------------	-----------------------------

Architects / Interior Designers

MISHO+ASSOCIATES

EMAIL: MISHO@MISHO.COM.AU WWW.MISHO.COM.AU
MISHO + ASSOCIATES PTY LTD
ACN 065 038 486 ABN 32 065 038 486
TELEPHONE 61 3 6264 2333 FACSIMILE 61 3 6264 3111

Planners/Landscape Architects

ASPECT Studios™

Studio 61, Level 6, 61 Marlborough Street
Surry Hills, NSW 2010



GENERAL NOTES TO ALL:

1. IF IN DOUBT.....ASK!!
2. BUILDER TO ALLOW FOR THE COORDINATION BETWEEN ALL SERVICES CONTRACTORS. ALLOW TO CROSS CHECK ALL DRAWINGS FROM MECHANICAL, ELECTRICAL, PLUMBING CONTRACTORS. WHENEVER A DISCREPANCY IS FOUND THE BUILDER IS TO NOTIFY THE ARCHITECT AND CONSULTANTS IMMEDIATELY.
3. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OR FABRICATION OF ANY ITEMS.
4. THE MECHANICAL CONTRACTOR IS TO ALLOW FOR THE APPROPRIATE BALANCING OF THE AIR CONDITIONING SYSTEMS TO ENSURE ADEQUATE AND PROPER FUNCTION OF THE THERMOSTAT CONTROLS.
5. MAKE GOOD ALL EXISTING SURFACES AS NECESSARY TO RECEIVE NEW PAINT FINISH.
6. ALL BUILDING WORKS AND MATERIALS USED ARE TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS. IF THE BUILDER IS UNABLE TO OBTAIN THE NECESSARY APPROVALS FROM THE RELEVANT AUTHORITIES, THE BUILDER IS TO OBTAIN THE NECESSARY APPROVALS FROM THE RELEVANT AUTHORITIES.

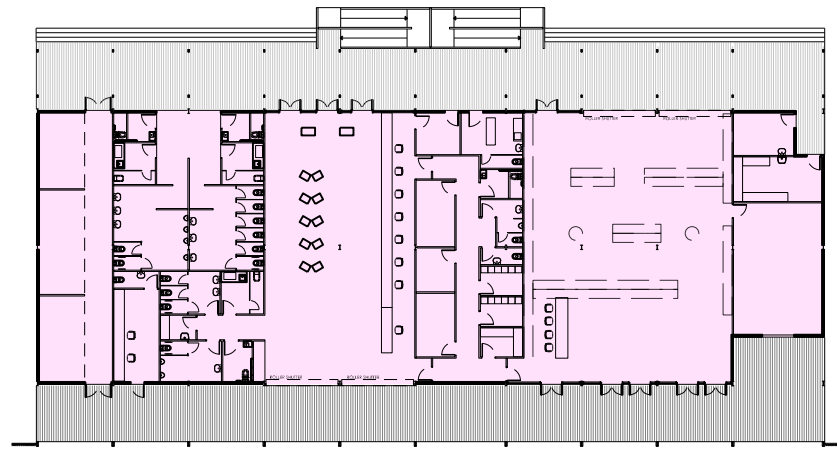
7. THE SITE IS TO BE KEPT IN A CONDITION THAT COMPLIES WITH ALL WORKCOVER ACTS. THE SAFETY OF ALL THE SUBCONTRACTORS, VISITORS AND OTHER PERSONS SHOULD NOT BE COMPROMISED AT ANY TIME.

ALL THE ARCHITECTURAL DOCUMENTATION IS TO BE READ IN CONJUNCTION WITH MASTER PLANNING DOCUMENTATION, LANDSCAPE DOCUMENTATION AND ALL OTHER ENGINEERING DOCUMENTATION. IF THERE ARE ANY DISCREPANCIES PLEASE INFORM THE AUTHOR.

E	EIS Exhibition Document
D	Test For Adequacy
C	Draft DA Issue
B	Draft DA Issue
A	First Draft DA Issue

Site Master Plan

Drawn: JH	Date: October 2015	
Approved: MV	Scale: 1:1000 @ A1 1:2000 @ A3	
Job No 15-565	Number DA 02	Issue E



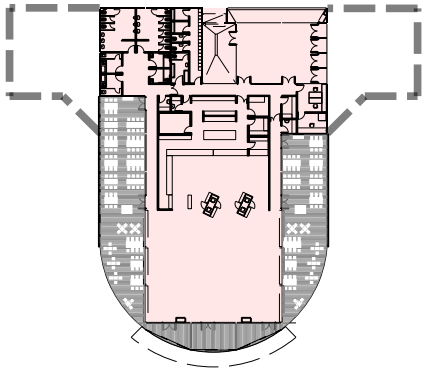
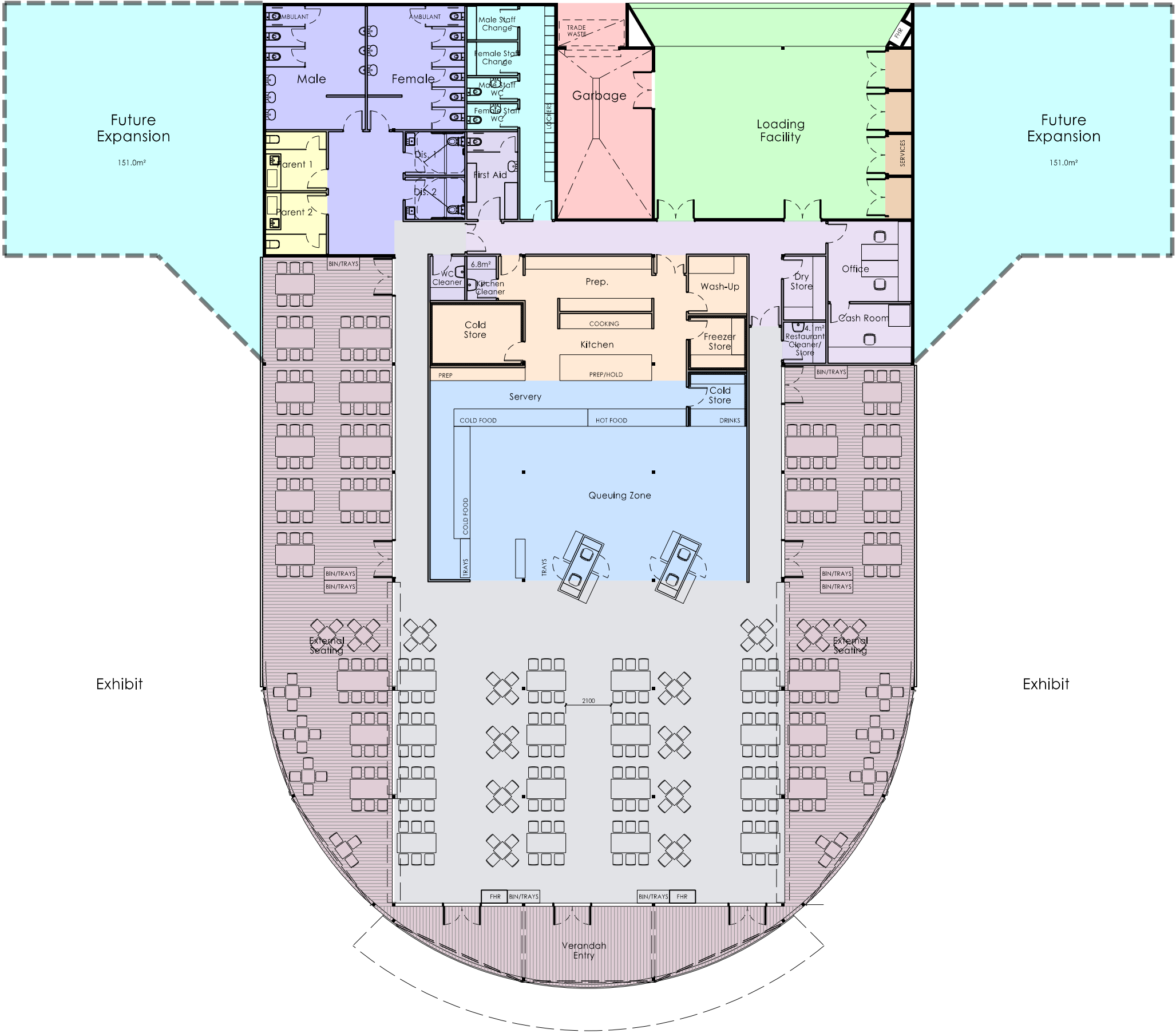
Building 1 Total Area = 919.6m²
Entry / Retail



Building 1
Entry / Retail

Space	Area
Group Check-In	87.2m ²
Parent Room	24.6m ² 8.1+8.1+8.4m ²
Toilets	141.4m ² 125.2+16.2m ²
Security	22.7m ²
Cleaner	22.3m ² 4.2+18.1m ²
Entry - Pay Zone	183.0m ²
First Aid	14.5m ²
Retail	253.0m ²
Lost Kids	8.6m ²
Office	65.2m ²
Change Rooms	11.8m ²
Store	8.0m ² 5.8+2.2m ²
Prayer Room	11.4m ²
Retail Store	51.7m ²
Deck	458.0m ² 241.3+216.7m ²

Service Road



928.8m²

Space Area

Garbage	40.7m²
Parent Room	16.3m²
Toilets	84.6m²
Loading	110.0m²
Cleaner	10.9m²
First Aid	10.2m²
Services	9.4m²
Lost Kids	317.1m²
Office	64.2m²
Change Rooms	30.4m²
Kitchen Prep	77.5m²
Servery	137.7m²
Deck	345.5m²
Future Expansion	302.0m²

Building 2 928.8m²
Restaurant



Client
Sydney Zoo Pty Ltd
Project
New Sydney Zoo
Great Western Highway
Eastern Creek/Bungarbee Park
Sydney Australia

Architects / Interior Designers
MISHO+ASSOCIATES
EMAIL: MISHO@MISHO.COM.AU WWW.MISHO.COM.AU
MISHO + ASSOCIATES PTY LTD
ACN 065 038 486 ABN 32 065 038 486
TELEPHONE 61 3 6264 2337 FACSIMILE 61 3 6264 3111

Planners/Landscape Architects
ASPECT Studios™
Studio 61, Level 6, 61 Marlborough Street
Surry Hills, NSW 2010



GENERAL NOTES TO ALL:
1. IF IN DOUBT, ASK!
2. BUILDER TO ALLOW FOR THE COORDINATION BETWEEN ALL SERVICES CONTRACTORS. ALLOW TO CROSS CHECK ALL DRAWINGS FROM MECHANICAL, ELECTRICAL, HYDRAULIC CONTRACTOR. WHENEVER A DISCREPANCY IS FOUND THE BUILDER IS TO NOTIFY THE ARCHITECT AND CONSULTANTS IMMEDIATELY.
3. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OR FABRICATION OF ANY ITEMS.

4. THE MECHANICAL CONTRACTOR IS TO ALLOW FOR THE APPROPRIATE BALANCING OF THE AIR CONDITIONING SYSTEMS TO ENSURE ADEQUATE AND PROPER FUNCTION OF THE THERMOSTAT CONTROLS.
5. MAKE GOOD ALL FINISHING SURFACES AS NECESSARY TO RECEIVE NEW PAINT FINISH.
6. ALL BUILDING WORKS AND MATERIALS USED ARE TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS. IF THE BUILDER IS AWARE OF ANY BREACHES OF CODES, THEN THE

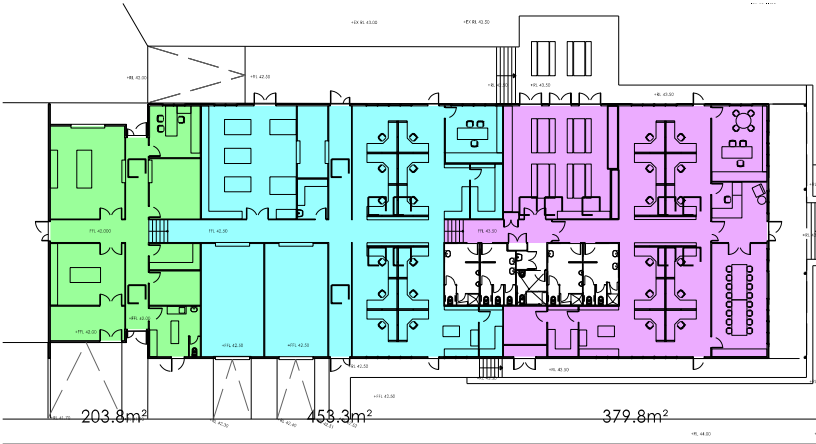
BUILDER IS TO BRING THEM TO THE ATTENTION OF THE ARCHITECT/ENGINEER AS SOON AS POSSIBLE. ALL METHODS OF FIXING AND WORKMANSHIP SHALL MEET THE STANDARDS SET DOWN IN THE AUSTRALIAN STANDARDS.
7. THE SITE IS TO BE KEPT IN A CONDITION THAT COMPLES WITH ALL WORKCOVER ACTS, THE SAFETY OF ALL THE SUBCONTRACTORS, VISITORS AND OTHER PERSONS SHOULD NOT BE COMPROMISED AT ANY TIME.

ALL THE ARCHITECTURAL DOCUMENTATION IS TO BE READ IN CONJUNCTION WITH MASTER PLANNING DOCUMENTATION, LANDSCAPE DOCUMENTATION AND ALL OTHER ENGINEERING DOCUMENTATION. IF THERE ARE ANY DISCREPANCIES PLEASE INFORM THE AUTHOR.

E	BIS Exhibition Document	03.12.15
D	Test For Adequacy	02.11.15
C	Draft DA Issue	30.10.15
B	Draft DA Issue	22.10.15
A	First Draft DA Issue	9.10.15
Rev.	Issue For	Date

DA Area Calculations
Building 02
0.5 1.0 3.0 5.0 10m

Drawn:	JH	Date:	October 2015
Approved:	MV	Scale:	1:100 @ A1 1:200 @ A3
Job No	15-565	Number	DA. 04
Issue			E



Veterinary Curatorial Administration

Building 3 1130.1m²
Administration

Veterinary

Area

Vet Office	17.0m²
Vet Area	170.2m²
First Aid	16.5m²

Curatorial

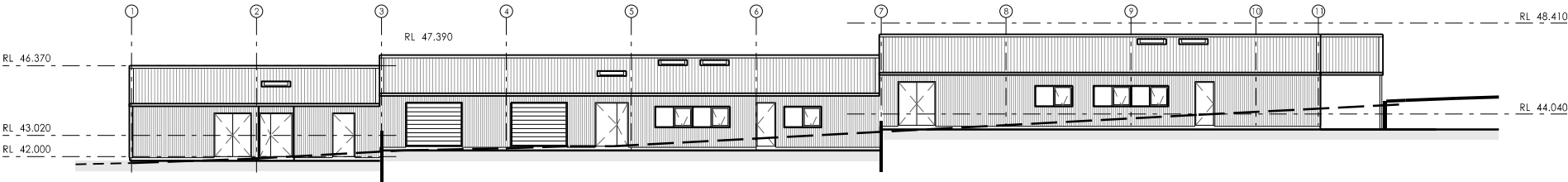
Area

General Manager	21.2m²
WorkSpace	185.6m²
Food Prep.	246.4m²
Wet Areas	69.0m²

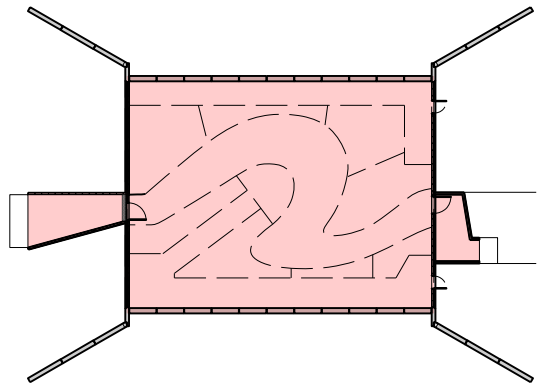
Administration

Area

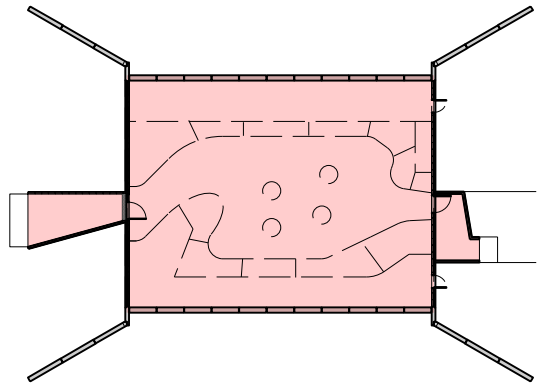
General Manager	26.6m²
Reception	21.5m²
Meeting Room	39.9m²
WorkSpace	212.5m²
Breakout	79.3m²



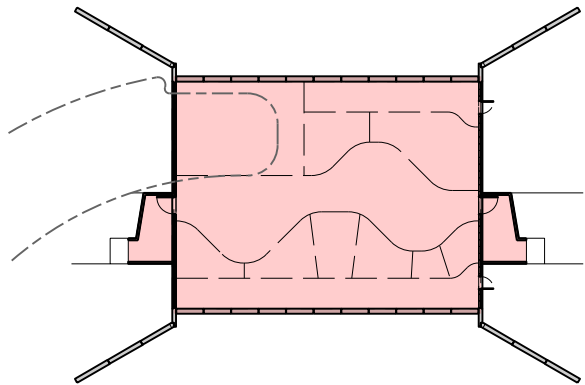
Elevation



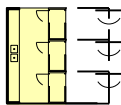
Building 4 350.2m²
Nocturnal Habitat



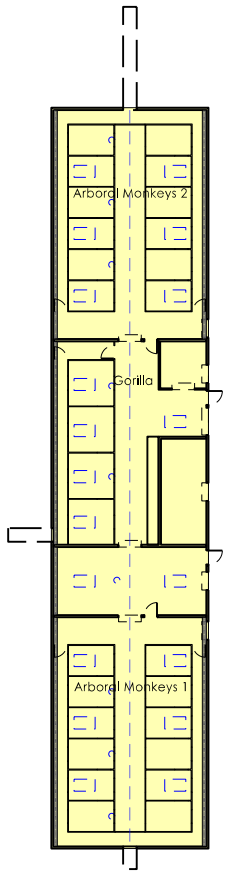
Building 5 350.2m²
Insect Habitat



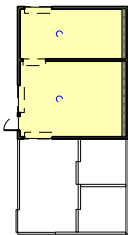
Building 6 343.0m²
Aquatic Habitat



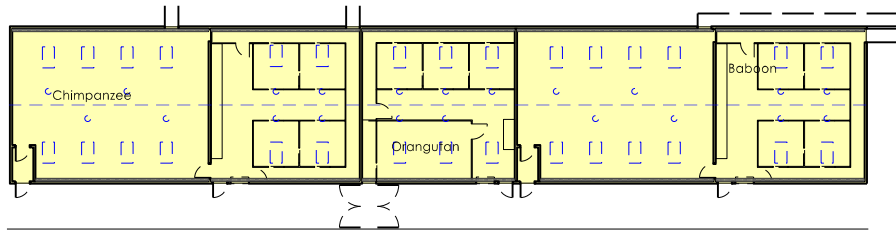
Building 7 24.8m²
Dingoes



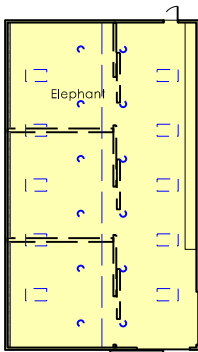
Building 8 509.6m²
Lowland Gorillas



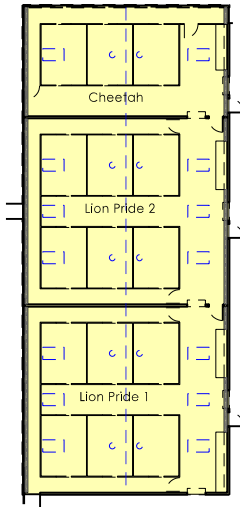
Building 9 63.9m²
Farm Experience



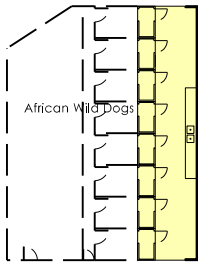
Building 10 589.7m²
Chimpanzees/Orangutan



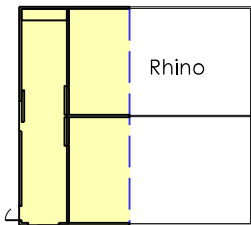
Building 13 279.0m²
Elephants



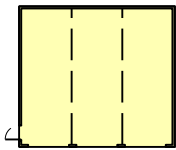
Building 14 443.9m²
Lions



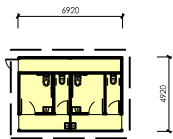
Building 15 66.8m²
African Wild Dogs



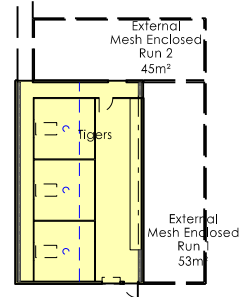
Building 19 105.5m²
Rhino



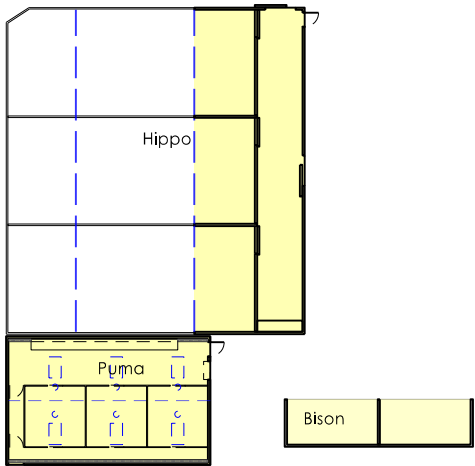
Building 20 95.8m²



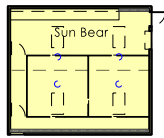
Building 21 34.1m²
Amenity Block



Building 11 114.6m²
Tigers



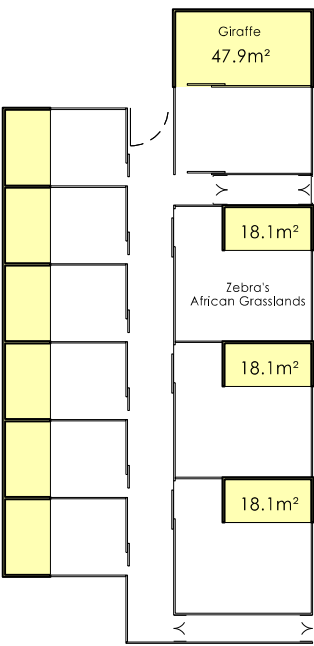
Building 16
Hippos 157.7m²
Puma 114.8m²
Bison 36.0m²
Total 308.5m²



80.8m²

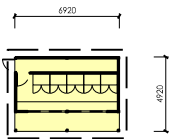


18.0m²



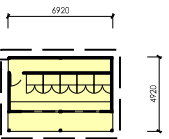
Building 18 97.8m²

Building 17 102.2m²

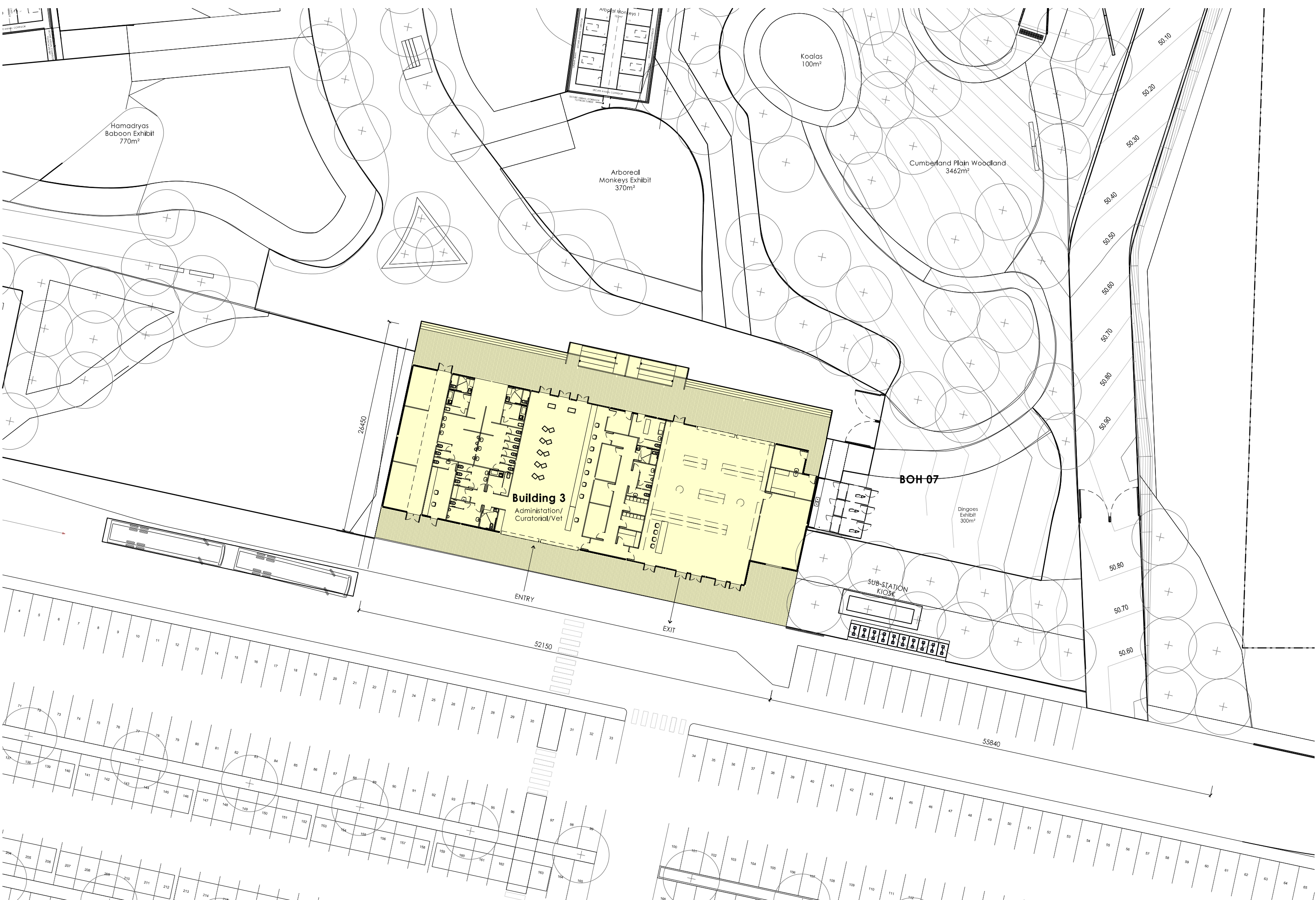


Building 22 34.1m²
Amenity Block

Building 23 34.1m²
Kiosk



Building 24 34.1m²
Kiosk



Building Material Notes:

CS The new concrete slab to have a layer on a prepared level block wall and fill base. The edge beams and external upturns are to be left exposed for termite inspections. Allow for 100mm of polystyrene insulation under the concrete slab. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.

ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.

EW2 New facade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new facade is to be determined. Low E glass if required.

EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufactures instructions. The plywood is to be to vertical and horizontal 40 mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal ProtorWrap wall membrane. Over the external face of the new 105 mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab

P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.

P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.

P3 New 12mm acoustic paneling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.

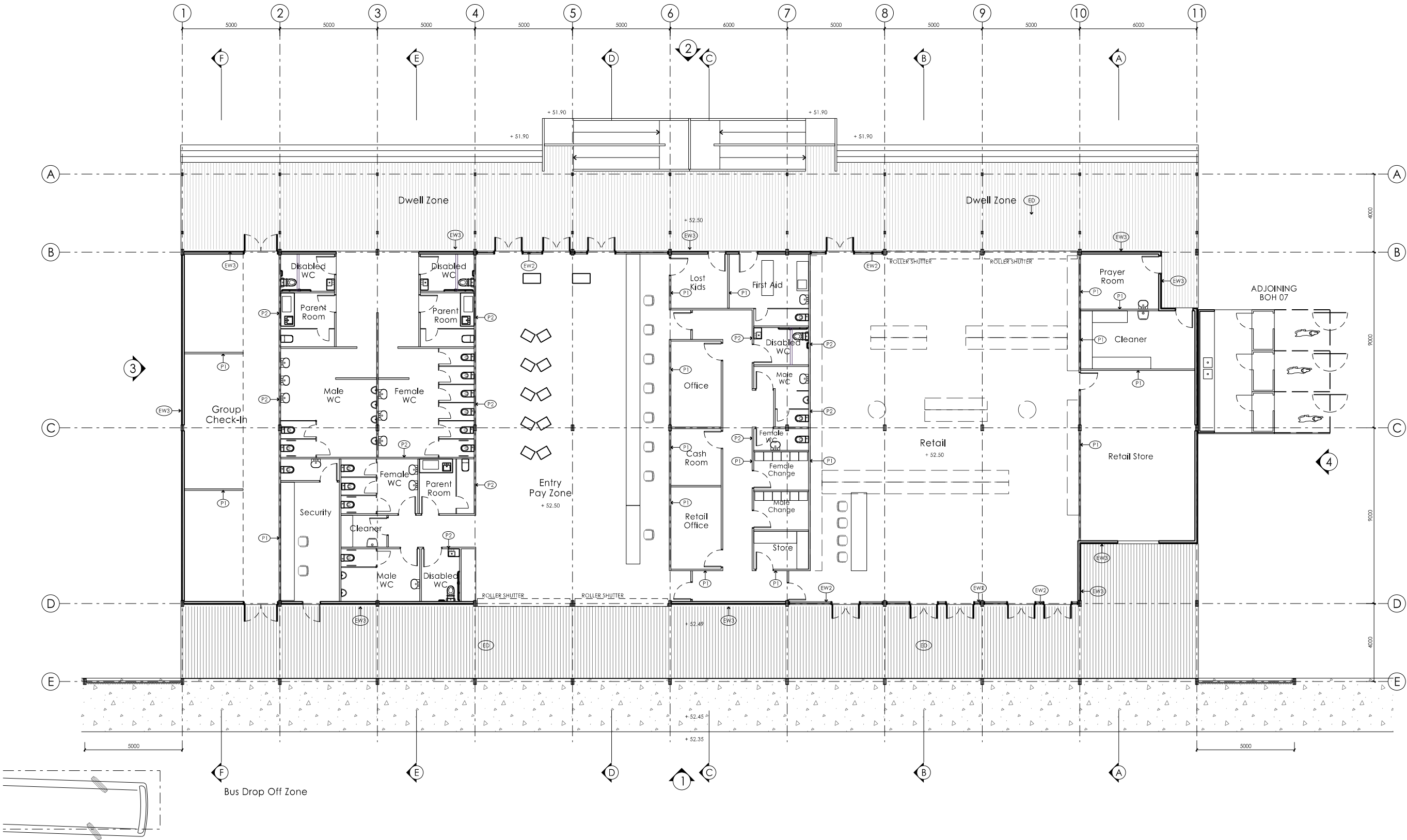
R1 New Lysaght Klip-lok 700 HJ strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protorWrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the top hat sections. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new Cross Laminated Timber (CLT) timber roof panels and structure steel frame. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protorWrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProtorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ ProtorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProtorWrap™ HT-R is unsupported, laps should be taped with ProtorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.

R2 New Laselite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.

R3 New timber cladding to a new steel structural frame that ties into the Laselite roof. Refer to future detailing.

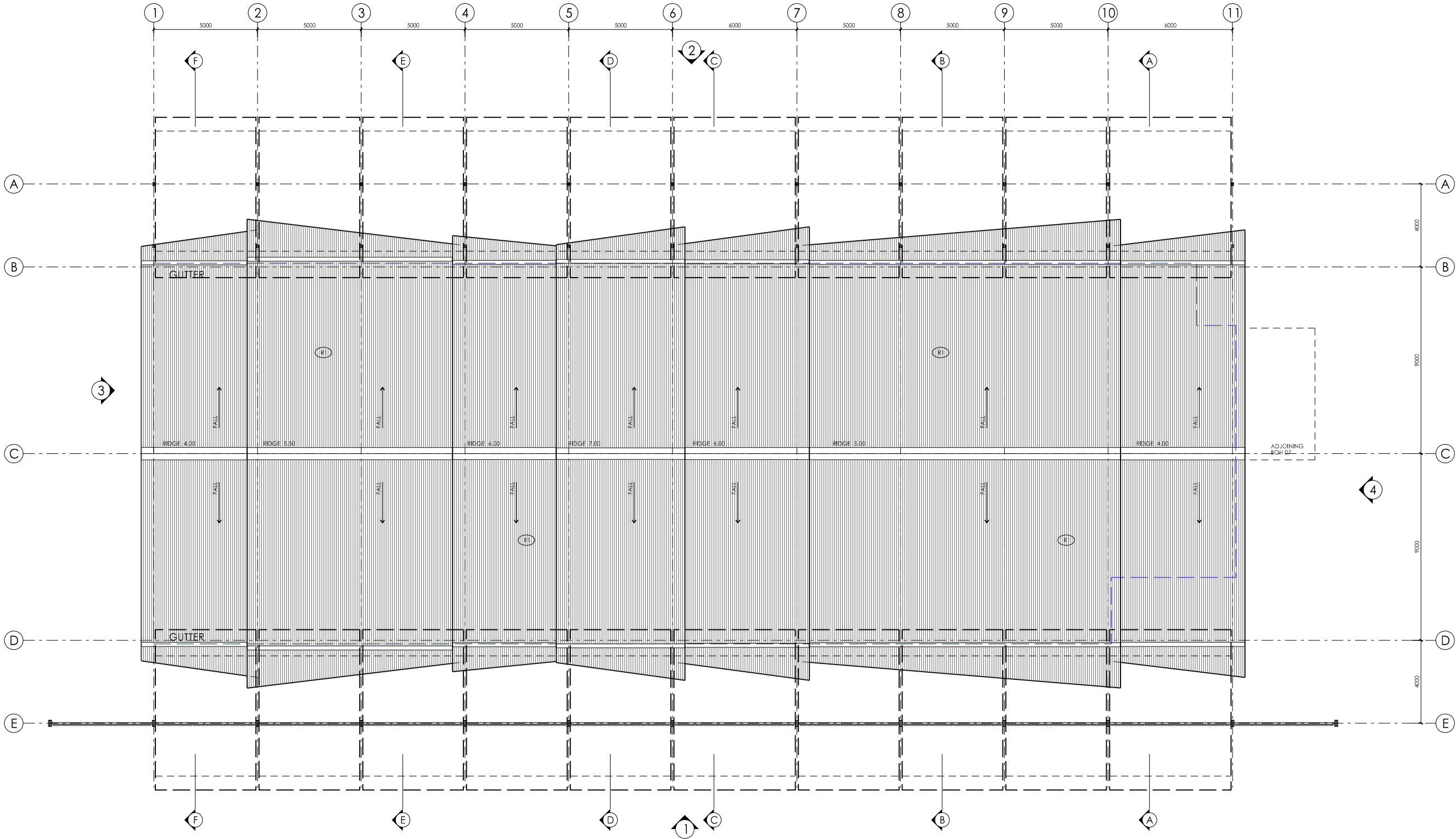
C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.

BW New 200mm core fill block retaining walls with render to exposed sides with selected paint colour as specified. Allow connections to new concrete slabs to engineers



Building Material Notes:

- CS The new concrete slab to have a layer on a prepared level block wall and fill base. The edge beams and external upturns are to be left exposed for termite inspections. Allow for 100mm of polystyrene insulation under the concrete slab. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.
- EW2 New façade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new façade is to be determined. Low E glass if required.
- EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufactures Instructions. The plywood is to be to vertical and horizontal 40 mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal ProtorWrap wall membrane. Over the external face of the new 105 mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab
- P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- P3 New 12mm acoustic paneling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.
- R1 New Lysaght Klip-lok 700 HJ strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protorWrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the top hat sections. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new Cross Laminated Timber (CLT) timber roof panels and structure steel frame. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protorWrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ProctorWrap™HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2 New Lasertite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.
- R3 New timber cladding to a new steel structural frame that ties into the Lasertite roof. Refer to future detailing.
- C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.
- BW New 200mm core fill block retaining walls with render to exposed sides with selected paint colour as specified. Allow connections to new concrete slabs to engineers



GENERAL NOTES TO ALL:

1. IF IN DOUBT ASK!!
2. BUILDER TO ALLOW FOR THE COORDINATION BETWEEN ALL SERVICES CONTRACTORS. ALLOW TO CROSS CHECK ALL DRAWINGS FROM MECHANICAL, ELECTRICAL, HYDRAULIC CONTRACTOR. WHENEVER A DISCREPANCY IS FOUND THE BUILDER IS TO NOTIFY THE ARCHITECT AND CONSULTANTS IMMEDIATELY.
3. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OR FABRICATION OF ANY ITEMS.

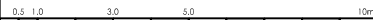
4. THE MECHANICAL CONTRACTOR IS TO ALLOW FOR THE APPROPRIATE BALANCING OF THE AIR CONDITIONING SYSTEMS TO ENSURE ADEQUATE AND PROPER FUNCTION OF THE THERMOSTAT CONTROLS.
5. MAKE GOOD ALL EXISTING SURFACES AS NECESSARY TO RECEIVE NEW PAINT FINISH.
6. ALL BUILDING WORKS AND MATERIALS USED ARE TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS. IF THE BUILDER IS AWARE OF ANY BREACHES OF CODES, THEN THE

- BUILDER IS TO BRING THEM TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY AS POSSIBLE.
- ALL METHODS OF FIXING AND WORKMANSHIP SHALL MEET THE STANDARDS SET DOWN IN THE AUSTRALIAN STANDARDS.
7. THE SITE IS TO BE KEPT IN A CONDITION THAT COMPLETES WITH ALL WORKCOVER ACTS. THE SAFETY OF ALL THE SUBCONTRACTORS, VISITORS AND OTHER PERSONS SHOULD NOT BE COMPROMISED AT ANY TIME.

ALL THE ARCHITECTURAL DOCUMENTATION IS TO BE READ IN CONJUNCTION WITH MASTER PLANNING DOCUMENTATION, LANDSCAPE DOCUMENTATION AND ALL OTHER ENGINEERING DOCUMENTATION. IF THERE ARE ANY DISCREPANCIES PLEASE INFORM THE AUTHOR.

E	B15 Exhibition Document	03.12.15
D	Test For Adequacy	02.11.15
C	Draft DA Issue	30.09.15
B	Draft DA Issue	22.08.15
A	First Draft DA Issue	19.08.15
Rev.	Issue For	Date

Building 1 - Entry / Retail
Roof Plan



Drawn : JH	Date October 2015	
Approved : MV	Scale 1:100 @ A1 1:200 @ A3	
Job No	Number	Issue
15-565	DA. 102	E



Sydney Zoo Pty Ltd
Project
New Sydney Zoo
Great Western Highway
Eastern Creek/Bungarbee Park
Sydney Australia

Architects / Interior Designers
MISHO+ASSOCIATES
EMAIL: MISHO@MISHO.COM.AU WWW.MISHO.COM.AU
MISHO + ASSOCIATES PTY LTD
ACN 045 038 486 ABN 32 045 038 486
TELEPHONE 61 3 6264 2337 FACSIMILE 61 3 6264 3111



Planners/Landscape Architects
ASPECT Studios™
Studio 61, Level 6, 61 Marlborough Street
Surry Hills, NSW 2010



GENERAL NOTES TO ALL:

1. IF IN DOUBT ASK!!
2. BUILDER TO ALLOW FOR THE COORDINATION BETWEEN ALL SERVICES CONTRACTORS. ALLOW TO CROSS CHECK ALL DRAWINGS FROM MECHANICAL, ELECTRICAL, HYDRAULIC CONTRACTOR. WHENEVER A DISCREPANCY IS FOUND THE BUILDER IS TO NOTIFY THE ARCHITECT AND CONSULTANTS IMMEDIATELY.
3. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OR FABRICATION OF ANY ITEMS.

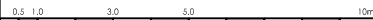
4. THE MECHANICAL CONTRACTOR IS TO ALLOW FOR THE APPROPRIATE BALANCING OF THE AIR CONDITIONING SYSTEMS TO ENSURE ADEQUATE AND PROPER FUNCTION OF THE THERMOSTAT CONTROLS.
5. MAKE GOOD ALL EXISTING SURFACES AS NECESSARY TO RECEIVE NEW PAINT FINISH.
6. ALL BUILDING WORKS AND MATERIALS USED ARE TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS. IF THE BUILDER IS AWARE OF ANY BREACHES OF CODES, THEN THE

- BUILDER IS TO BRING THEM TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY AS POSSIBLE.
- ALL METHODS OF FIXING AND WORKMANSHIP SHALL MEET THE STANDARDS SET DOWN IN THE AUSTRALIAN STANDARDS.
7. THE SITE IS TO BE KEPT IN A CONDITION THAT COMPLETES WITH ALL WORKCOVER ACTS. THE SAFETY OF ALL THE SUBCONTRACTORS, VISITORS AND OTHER PERSONS SHOULD NOT BE COMPROMISED AT ANY TIME.

ALL THE ARCHITECTURAL DOCUMENTATION IS TO BE READ IN CONJUNCTION WITH MASTER PLANNING DOCUMENTATION, LANDSCAPE DOCUMENTATION AND ALL OTHER ENGINEERING DOCUMENTATION. IF THERE ARE ANY DISCREPANCIES PLEASE INFORM THE AUTHOR.

E	B15 Exhibition Document	03.12.15
D	Test For Adequacy	02.11.15
C	Draft DA Issue	30.09.15
B	Draft DA Issue	22.08.15
A	First Draft DA Issue	19.08.15
Rev.	Issue For	Date

Building 1 - Entry / Retail
Roof Plan



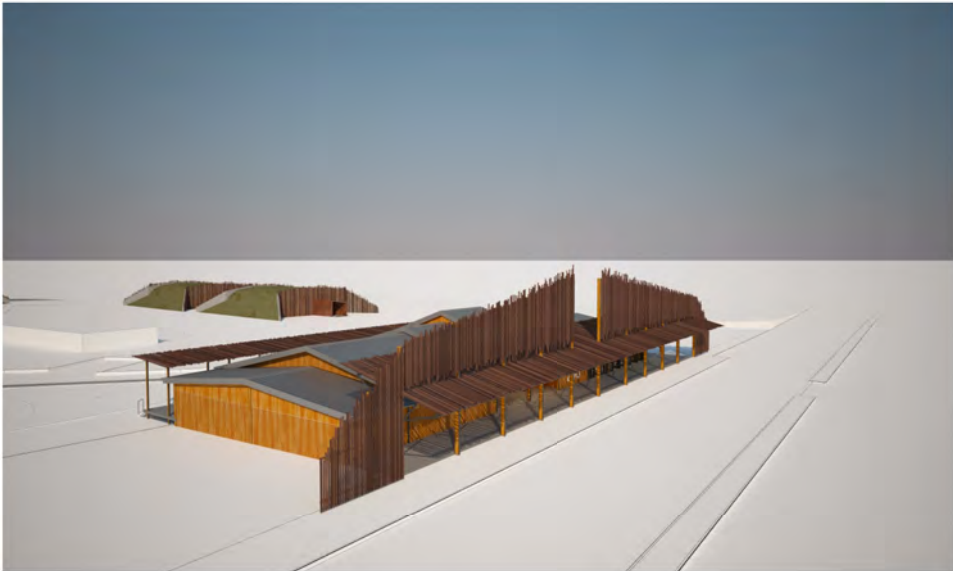
Drawn : JH	Date October 2015	
Approved : MV	Scale 1:100 @ A1 1:200 @ A3	
Job No	Number	Issue
15-565	DA. 102	E



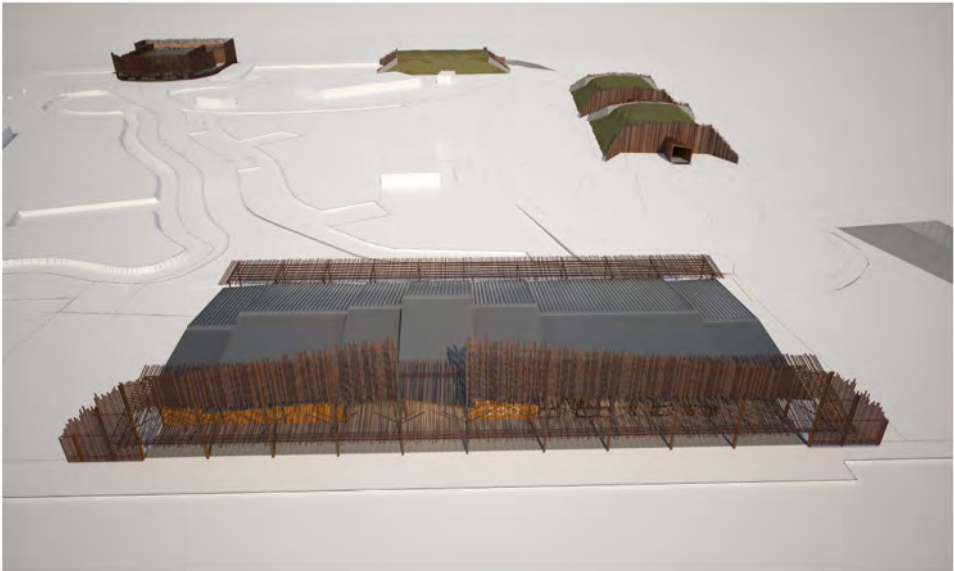
Entry View 1

Entry View 2

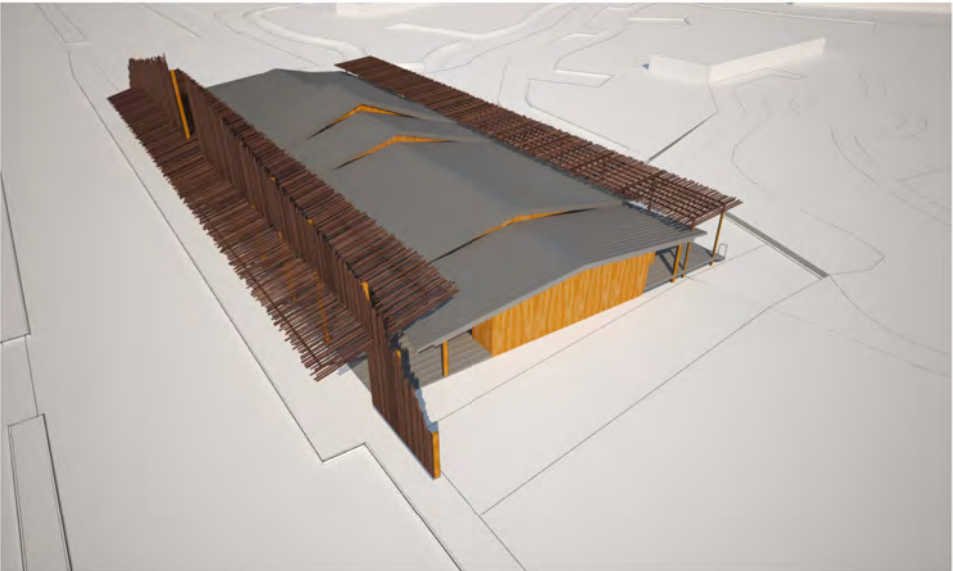




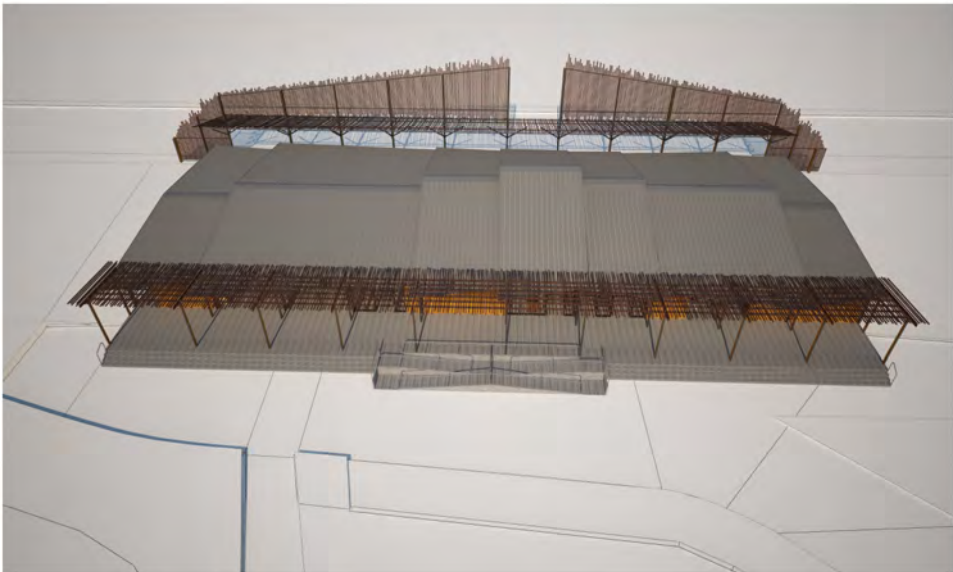
View 1



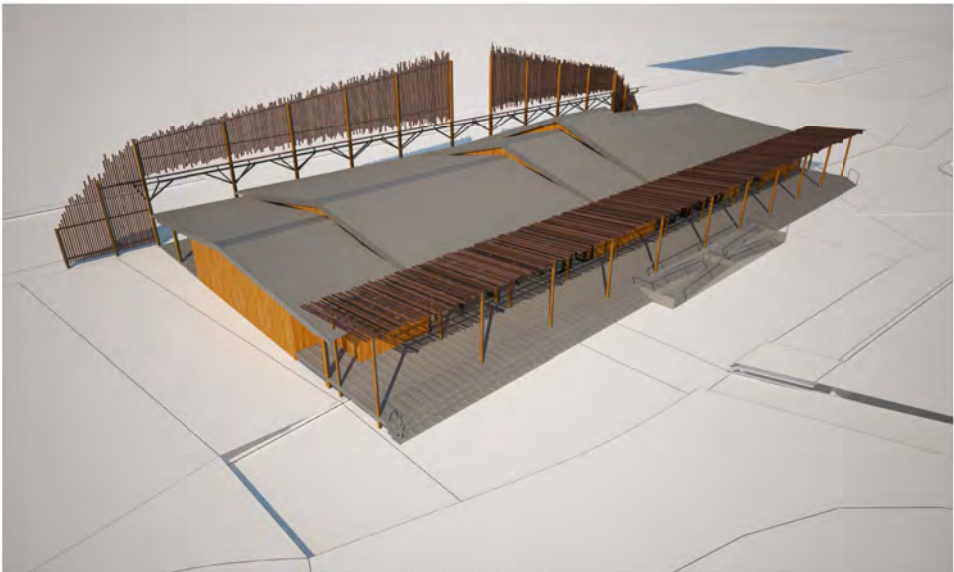
View 2



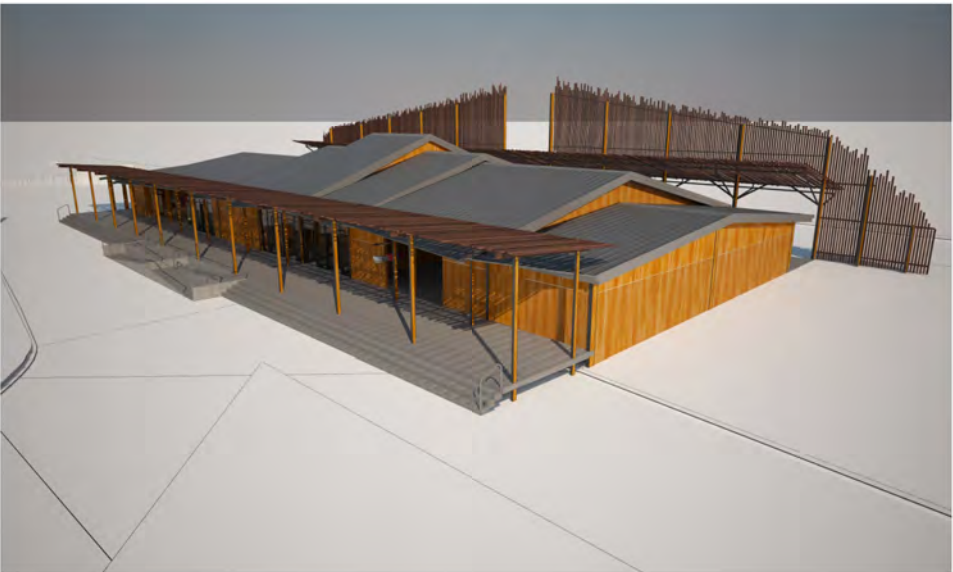
View 3



View 4



View 5



View 6

Building Material Notes:

CS The new concrete slab to have a layer on a prepared level block wall and fill base. The edge beams and external upturns are to be left exposed for termite inspections. Allow for 100mm of polystyrene insulation under the concrete slab. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.

ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.

EW2 New facade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new facade is to be determined. Low E glass if required.

EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufactures instructions. The plywood is to be to vertical and horizontal 40 mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal ProtorWrap wall membrane. Over the external face of the new 105 mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab

P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.

P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.

P3 New 12mm acoustic paneling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.

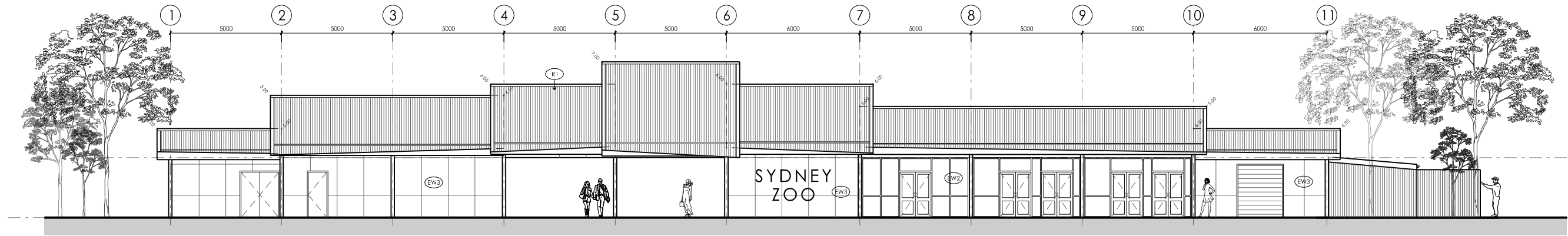
R1 New Lysaght Klip-lok 700 HJ strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protorWrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the top hat sections. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new Cross Laminated Timber (CLT) timber roof panels and structure steel frame. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protorWrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ProctorWrap™HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.

R2 New Lasertite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.

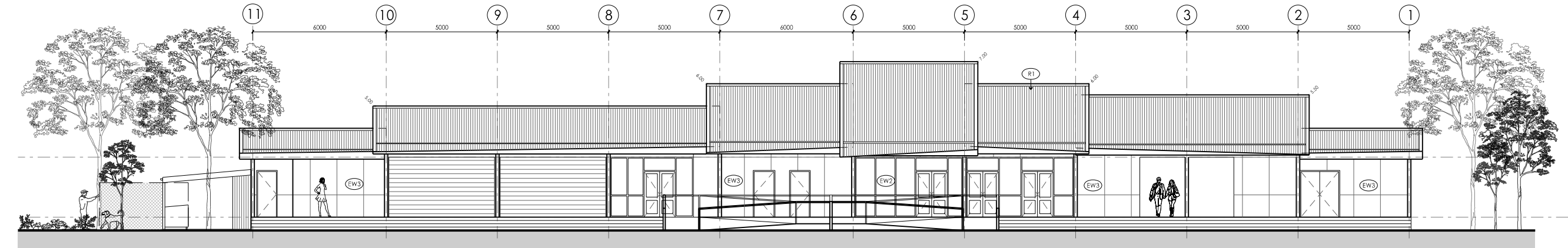
R3 New timber cladding to a new steel structural frame that ties into the Lasertite roof. Refer to future detailing.

C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.

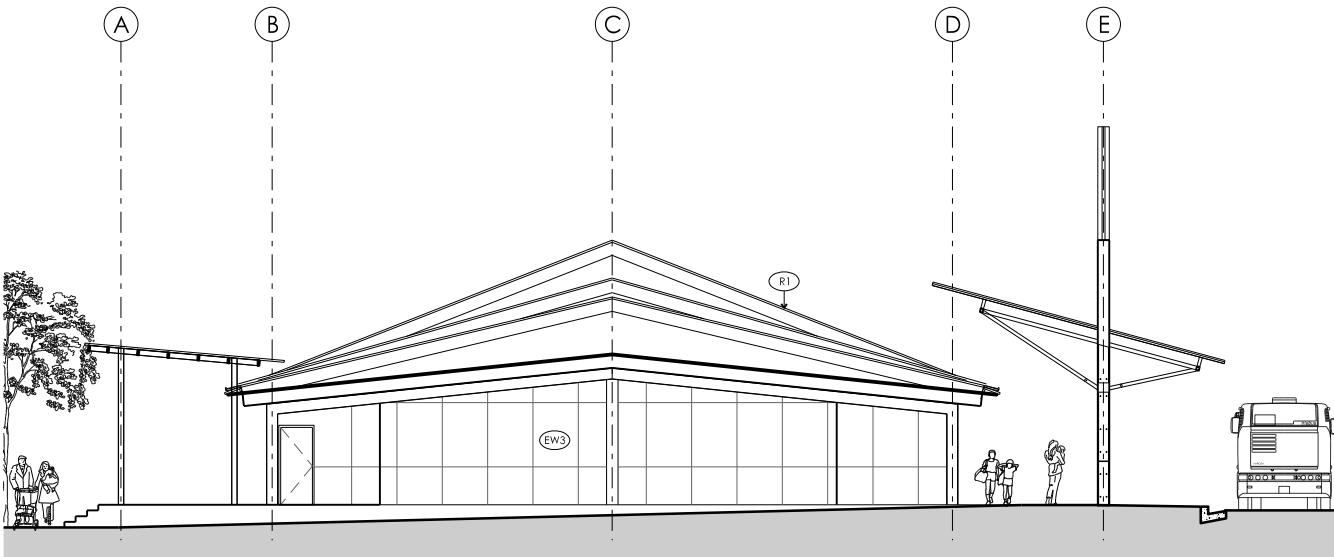
BW New 200mm core fill block retaining walls with render to exposed sides with selected paint colour as specified. Allow connections to new concrete slabs to engineers



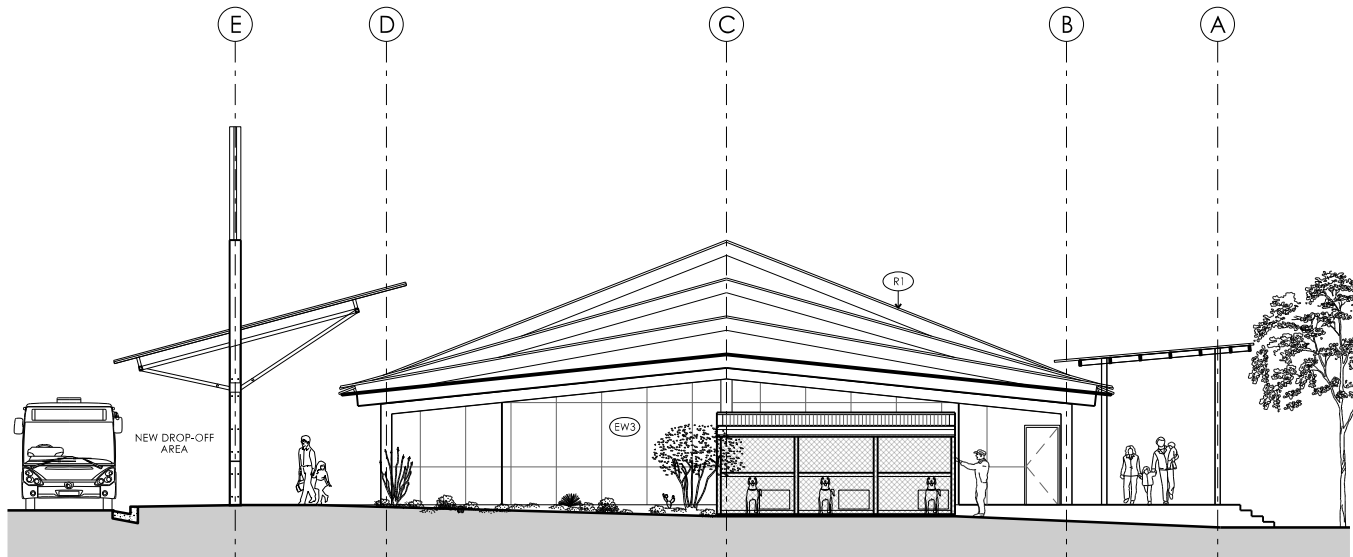
Elevation 1 Scale 1:100 WITHOUT AWNINGS AND SCREENS



Elevation 2 Scale 1:100 WITHOUT AWNINGS AND SCREENS



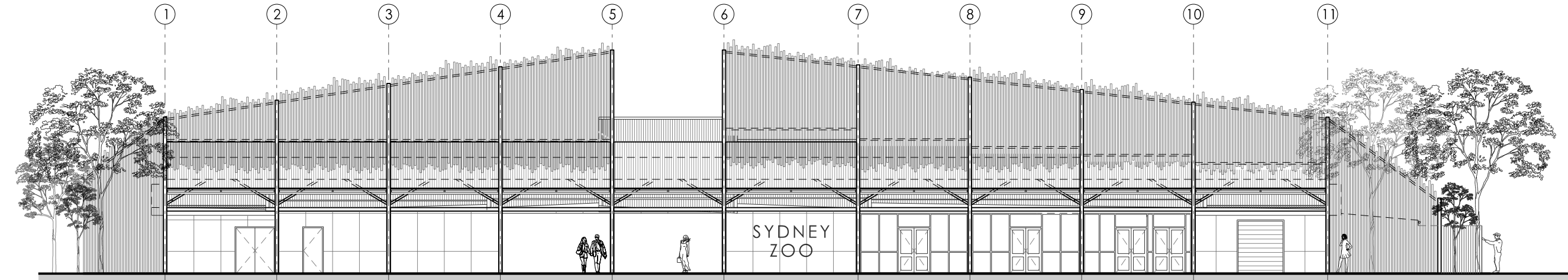
Elevation 3 Scale 1:100



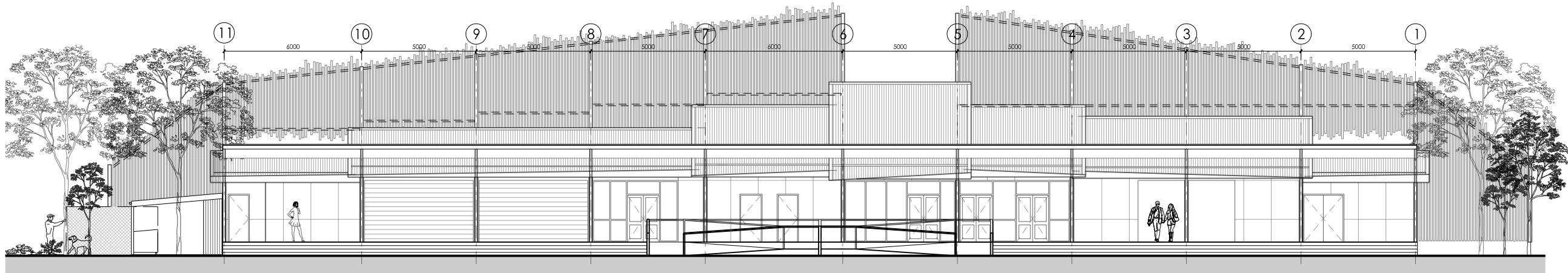
Elevation 4 Scale 1:100

Building Material Notes:

- CS The new concrete slab to have a layer on a prepared level block wall and fill base. The edge beams and external upturns are to be left exposed for termite inspections. Allow for 100mm of polystyrene insulation under the concrete slab. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.
- EW2 New facade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new facade is to be determined. Low E glass if required.
- EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufactures Instructions. The plywood is to be to vertical and horizontal 40 mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed Enviroseal ProctorWrap wall membrane. Over the external face of the new 105 mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab
- P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- P3 New 12mm acoustic paneling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.
- R1 New Lysaght Klip-lok 700 HJ strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal proctorWrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the top hat sections. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new Cross Laminated Timber (CLT) timber roof panels and structure steel frame. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal proctorWrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2 New Lasertile 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.
- R3 New timber cladding to a new steel structural frame that ties into the Lasertile roof. Refer to future detailing.
- C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.
- BW New 200mm core fill block retaining walls with render to exposed sides with selected paint colour as specified. Allow connections to new concrete slabs to engineers



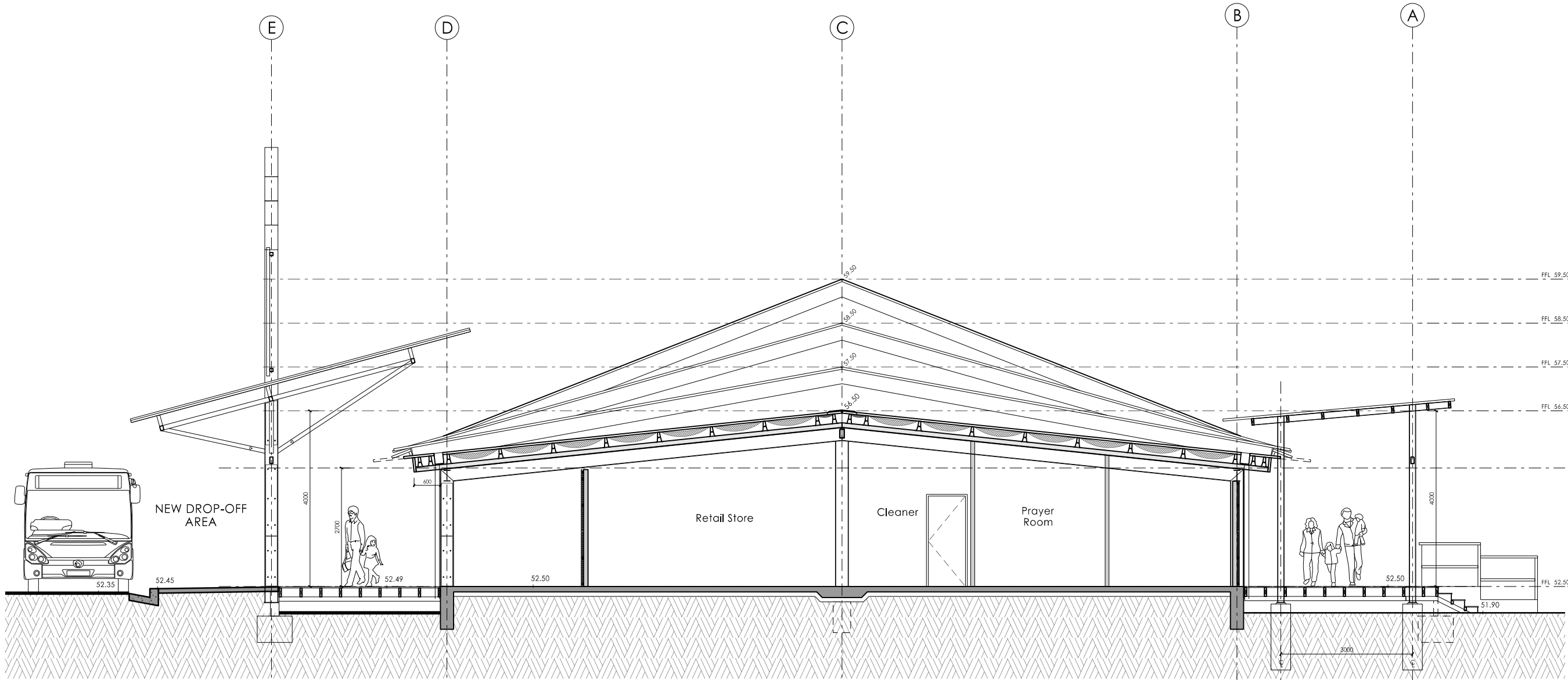
Elevation 1 Scale 1:100 WITH AWNINGS AND SCREENS



Elevation 2 Scale 1:100 WITH AWNINGS AND SCREENS

Building Material Notes:

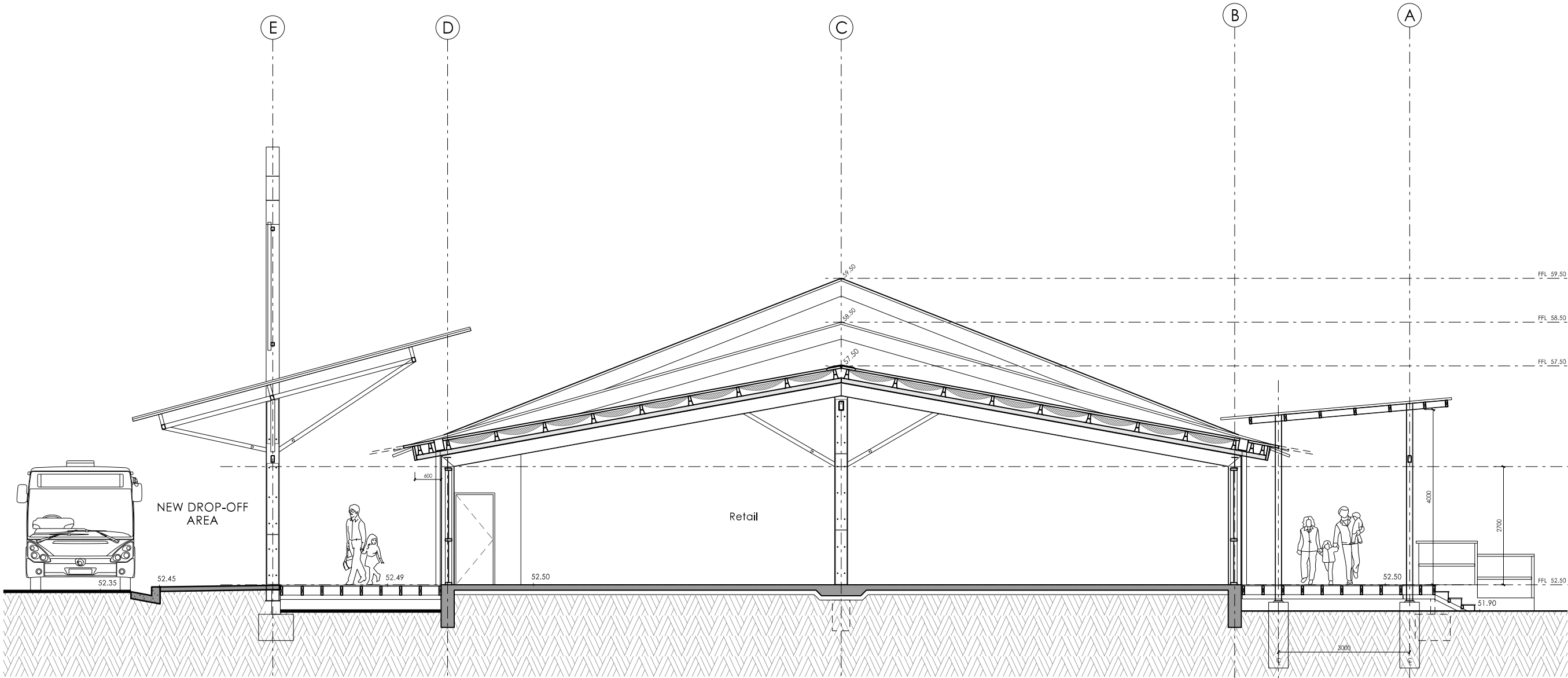
- CS The new concrete slab to have a layer on a prepared level block wall and fill base. The edge beams and external upturns are to be left exposed for termite inspections. Allow for 100mm of polystyrene insulation under the concrete slab. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.
- EW2 New façade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new façade is to be determined. Low E glass if required.
- EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufactures Instructions. The plywood is to be to vertical and horizontal 40 mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal ProtorWrap wall membrane. Over the external face of the new 105 mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab
- P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- P3 New 12mm acoustic paneling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.
- R1 New Lysaght Klip-lok 700 HJ strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protorWrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the top hat sections. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new Cross Laminated Timber (CLT) timber roof panels and structure steel frame. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protorWrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2 New Lasertite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.
- R3 New timber cladding to a new steel structural frame that ties into the Lasertite roof. Refer to future detailing.
- C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.
- BW New 200mm core fill block retaining walls with render to exposed sides with selected paint colour as specified. Allow connections to new concrete slabs to engineers



Sectional Elevation A

Building Material Notes:

- CS The new concrete slab to have a layer on a prepared level block wall and fill base. The edge beams and external upturns are to be left exposed for termite inspections. Allow for 100mm of polystyrene insulation under the concrete slab. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.
- EW2 New façade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new façade is to be determined. Low E glass if required.
- EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufactures Instructions. The plywood is to be to vertical and horizontal 40 mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal ProtorWrap wall membrane. Over the external face of the new 105 mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab
- P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- P3 New 12mm acoustic paneling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.
- R1 New Lysaght Klip-lok 700 HJ strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protorWrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the top hat sections. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new Cross Laminated Timber (CLT) timber roof panels and structure steel frame. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protorWrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2 New Lasertite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.
- R3 New timber cladding to a new steel structural frame that ties into the Lasertite roof. Refer to future detailing.
- C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.
- BW New 200mm core fill block retaining walls with render to exposed sides with selected paint colour as specified. Allow connections to new concrete slabs to engineers



Sectional Elevation B

Building Material Notes:

CS The new concrete slab to have a layer on a prepared level block wall and fill base. The edge beams and external upturns are to be left exposed for termite inspections. Allow for 100mm of polystyrene insulation under the concrete slab. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area is filled with soil.

ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.

EW2 New façade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new façade is to be determined. Low E glass if required.

EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufactures Instructions. The plywood is to be to vertical and horizontal 40 mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal ProtorWrap wall membrane. Over the external face of the new 105 mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab

P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.

P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.

P3 New 12mm acoustic paneling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.

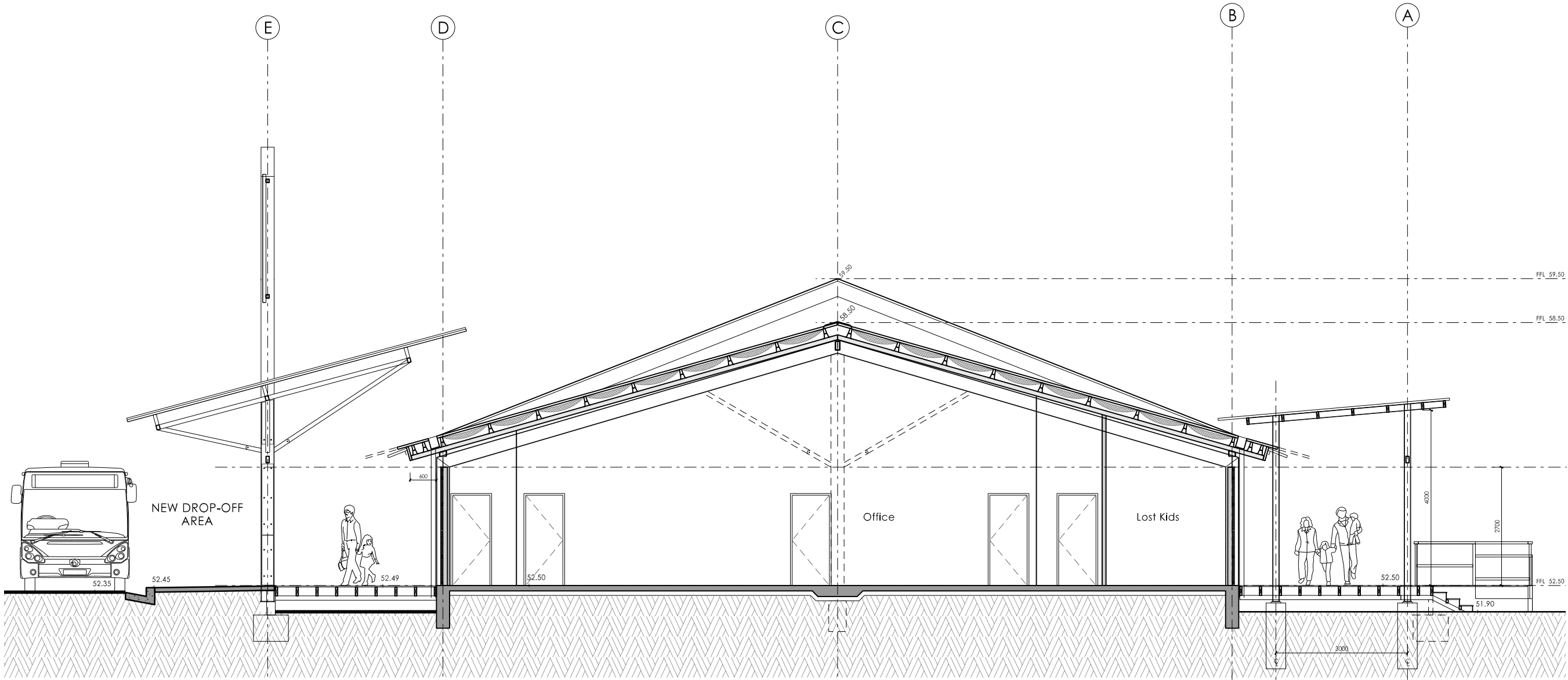
R1 New Lysaght Klip-lok 700 H strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protorWrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the top hat sections. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new Cross Laminated Timber (CLT) timber roof panels and structure steel frame. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protorWrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.

R2 New Lasertite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.

R3 New timber cladding to a new steel structural frame that ties into the Lasertite roof. Refer to future detailing.

C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.

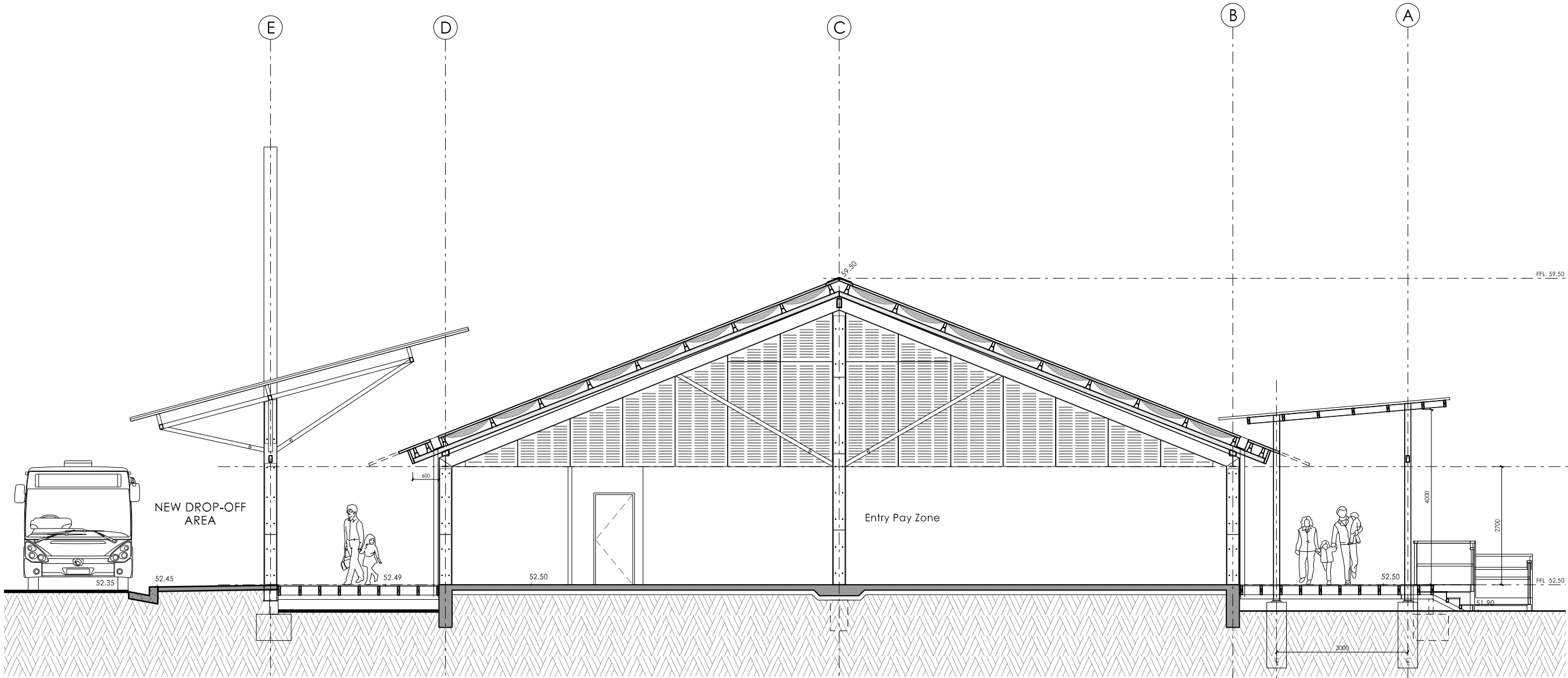
BW New 200mm core fill block retaining walls with render to exposed sides with selected paint colour as specified. Allow connections to new concrete slabs to engineers



Sectional Elevation C

Building Material Notes:

- CS The new concrete slab to have a layer on a prepared level block wall and fill base. The edge beams and external upturns are to be left exposed for termite inspections. Allow for 100mm of polystyrene insulation under the concrete slab. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.
- EW2 New façade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new façade is to be determined. Low E glass if required.
- EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufactures Instructions. The plywood is to be to vertical and horizontal 40 mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal ProtorWrap wall membrane. Over the external face of the new 105 mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab
- P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- P3 New 12mm acoustic paneling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.
- R1 New Lysaght Klip-lok 700 HJ strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protorWrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the top hat sections. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new Cross Laminated Timber (CLT) timber roof panels and structure steel frame. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protorWrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2 New Lasertite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.
- R3 New timber cladding to a new steel structural frame that ties into the Lasertite roof. Refer to future detailing.
- C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.
- BW New 200mm core fill block retaining walls with render to exposed sides with selected paint colour as specified. Allow connections to new concrete slabs to engineers



Sectional Elevation D

Building Material Notes:

CS The new concrete slab to have a layer on a prepared level block wall and fill base. The edge beams and external upturns are to be left exposed for termite inspections. Allow for 100mm of polystyrene insulation under the concrete slab. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surfaces. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.

ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.

EW2 New façade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new façade is to be determined. Low E glass if required.

EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufactures Instructions. The plywood is to be vertical and horizontal 40 mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal ProtorWrap wall membrane. Over the external face of the new 105 mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab

P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.

P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.

P3 New 12mm acoustic paneling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.

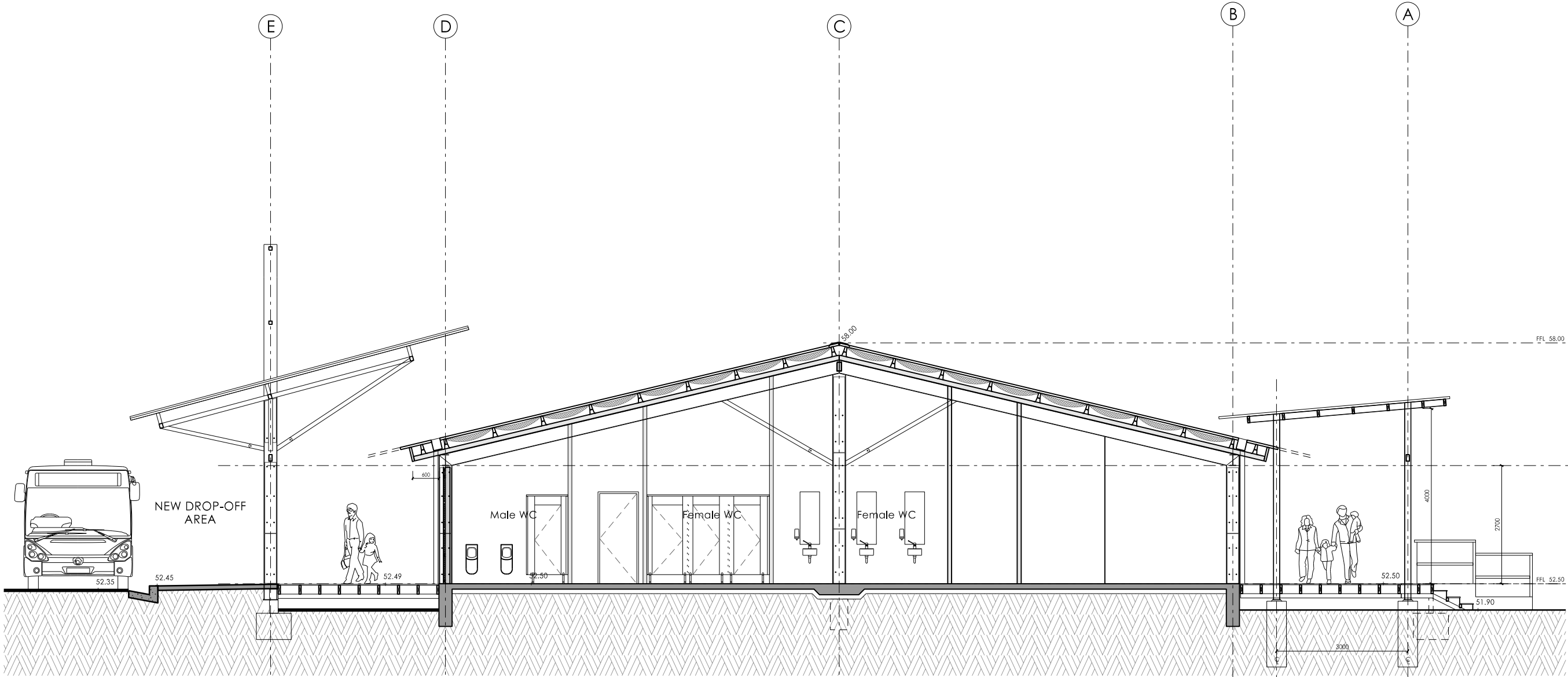
R1 New Lysaght Klip-lok 700 H strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protorWrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the top hat sections. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new Cross Laminated Timber (CLT) timber roof panels and structure steel frame. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protorWrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.

R2 New Laserlite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.

R3 New timber cladding to a new steel structural frame that ties into the Laserlite roof. Refer to future detailing.

C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.

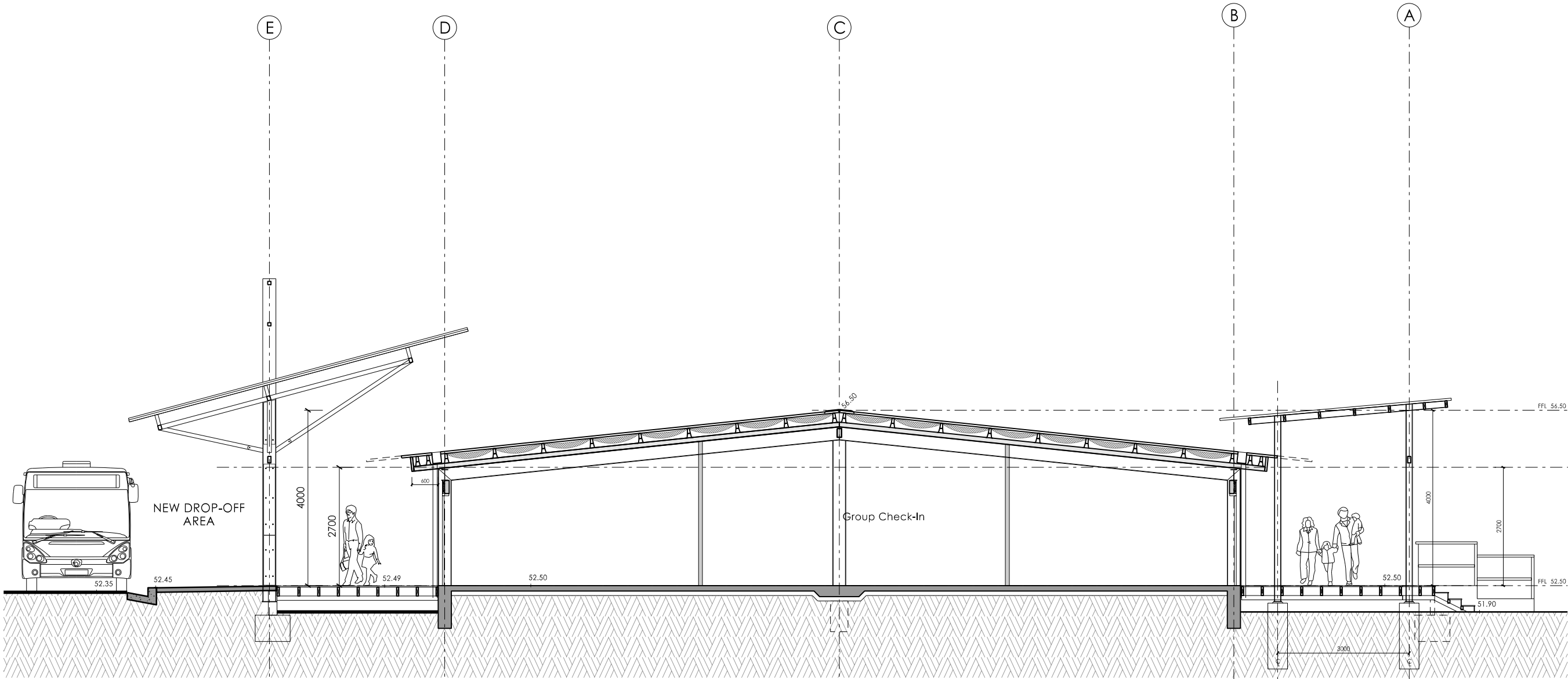
BW New 200mm core fill block retaining walls with render to exposed sides with selected paint colour as specified. Allow connections to new concrete slabs to engineers



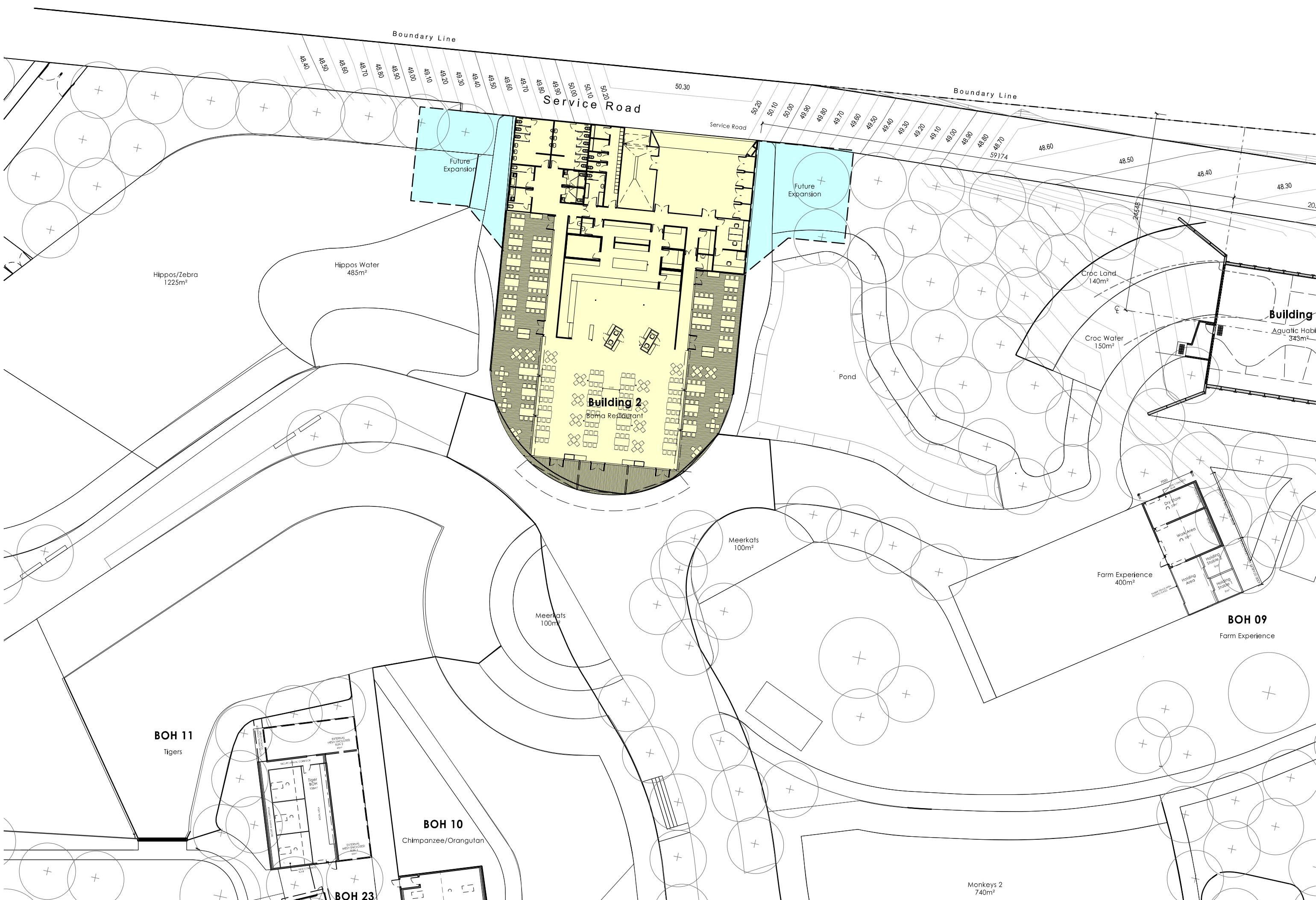
Sectional Elevation E

Building Material Notes:

- CS The new concrete slab to have a layer on a prepared level block wall and fill base. The edge beams and external upturns are to be left exposed for termite inspections. Allow for 100mm of polystyrene insulation under the concrete slab. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.
- EW2 New façade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new façade is to be determined. Low E glass if required.
- EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufactures Instructions. The plywood is to be to vertical and horizontal 40 mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal ProtorWrap wall membrane. Over the external face of the new 105 mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab
- P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- P3 New 12mm acoustic paneling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.
- R1 New Lysaght Klip-lok 700 HJ strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protorWrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the top hat sections. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new Cross Laminated Timber (CLT) timber roof panels and structure steel frame. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protorWrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2 New Laserlite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.
- R3 New timber cladding to a new steel structural frame that ties into the Laserlite roof. Refer to future detailing.
- C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.
- BW New 200mm core fill block retaining walls with render to exposed sides with selected paint colour as specified. Allow connections to new concrete slabs to engineers

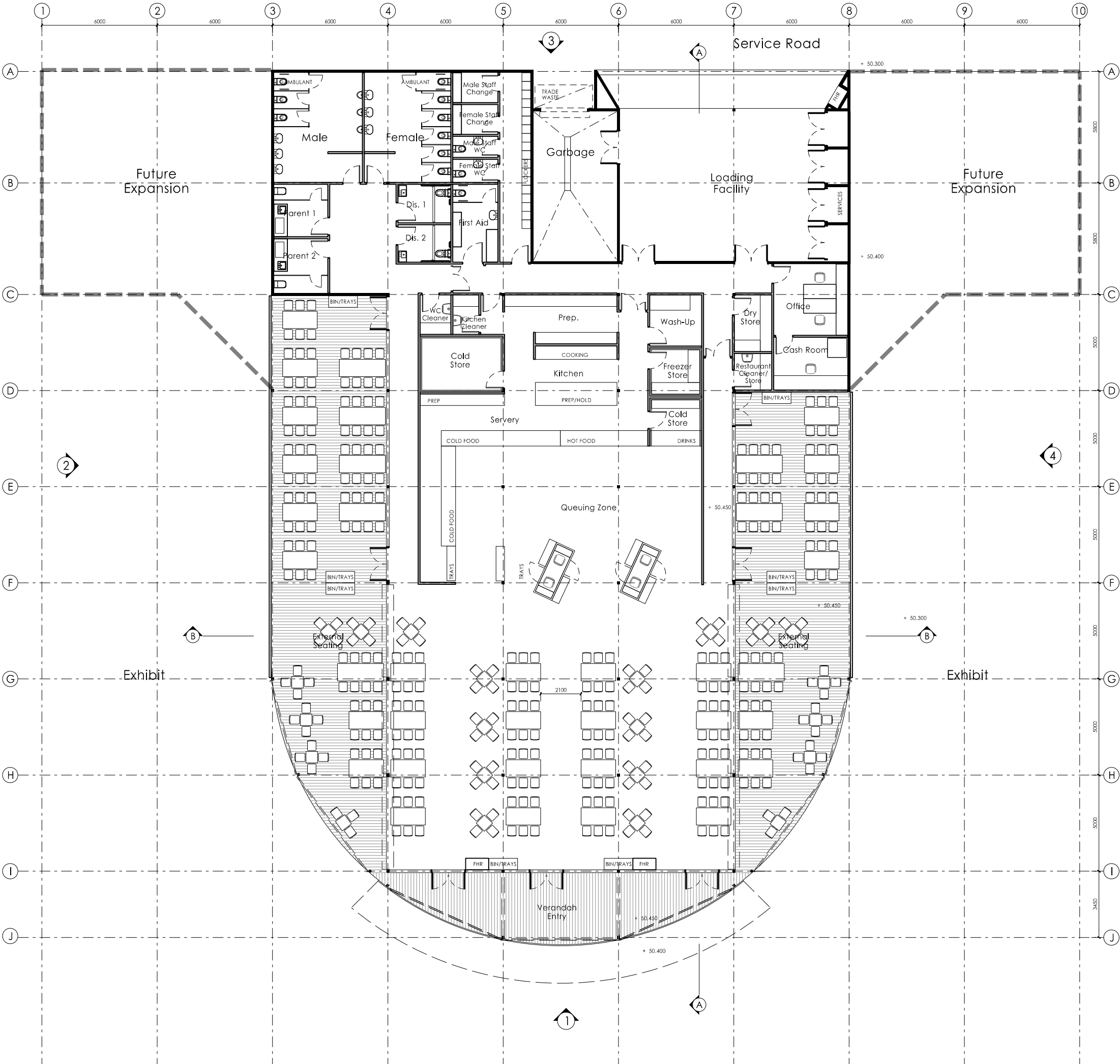


Sectional Elevation F



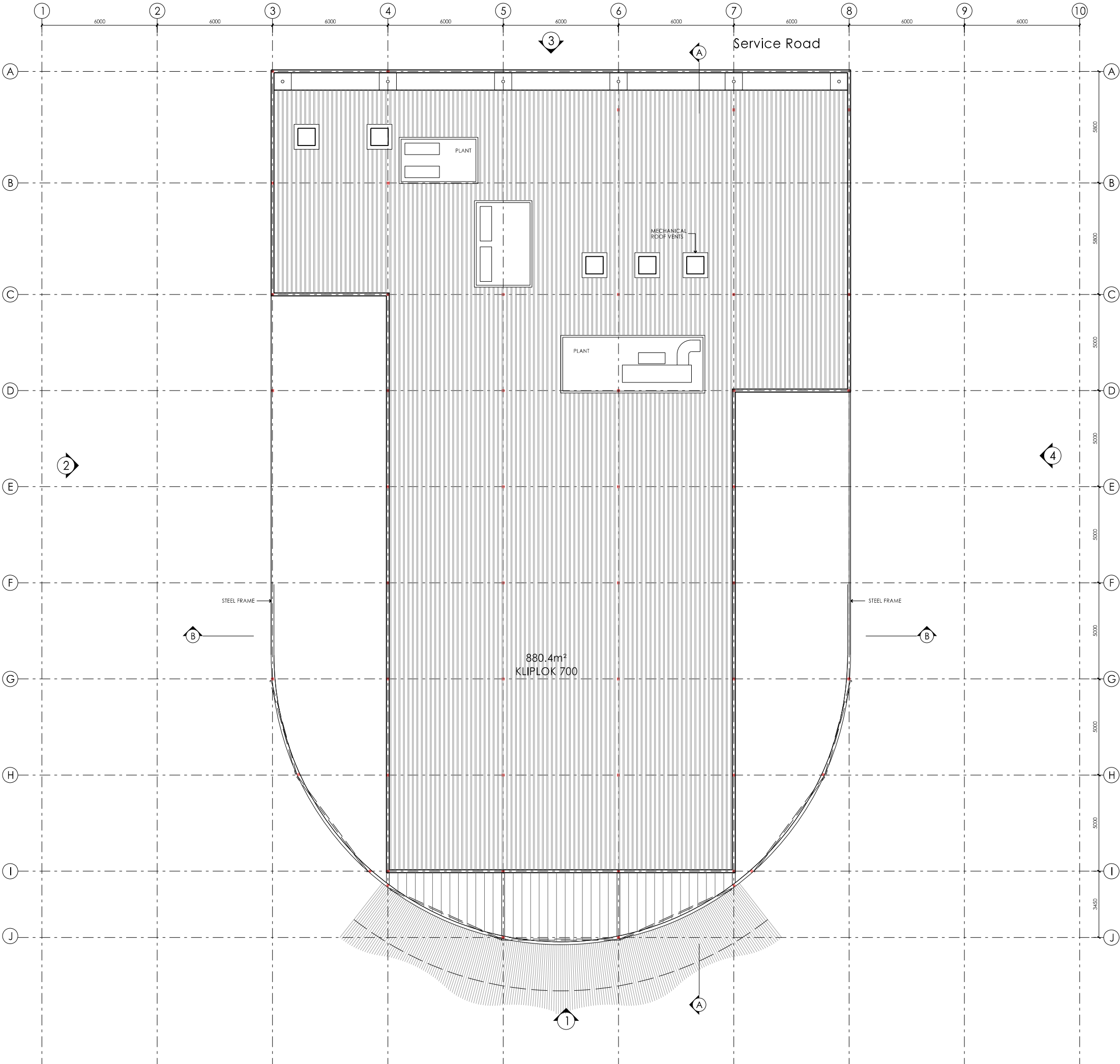
Building Material Notes:

- CS The new concrete slab to have a layer on a prepared level block and fill base. The edge beams and external upturns are to be left exposed for termite inspections. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.
- EW2 New facade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new facade is to be determined. Low E glass if required.
- EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufacturers instructions. The plywood is to be vertical and horizontal 40mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed Enviroseal Protowrap wall membrane. Over the external face of the new 105mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.
- P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- P3 New 12mm acoustic panelling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.
- R1 New Lysaght Klip-Lok 700 HI strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purline and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protowrap High Tensile Roof membrane placed over the top of the purline. Allow for a thermal tape to separate the roof sheets from the purline. Under the roof sheeting is to be Bradford Thermofol Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new cross laminated timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protowrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarking does not comply with this specification.
- R2 New Lasertite 3000 in platinum to be screw fixed over new steel roof framing canopy over the front entry and exit area of the building.
- R3 New timber cladding to a new steel structural frame that ties into the Lasertite roof. Refer to future detailing.
- C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.
- BW New 150mm core fill block wall with render to exposed sides with selected paint colour as specified.

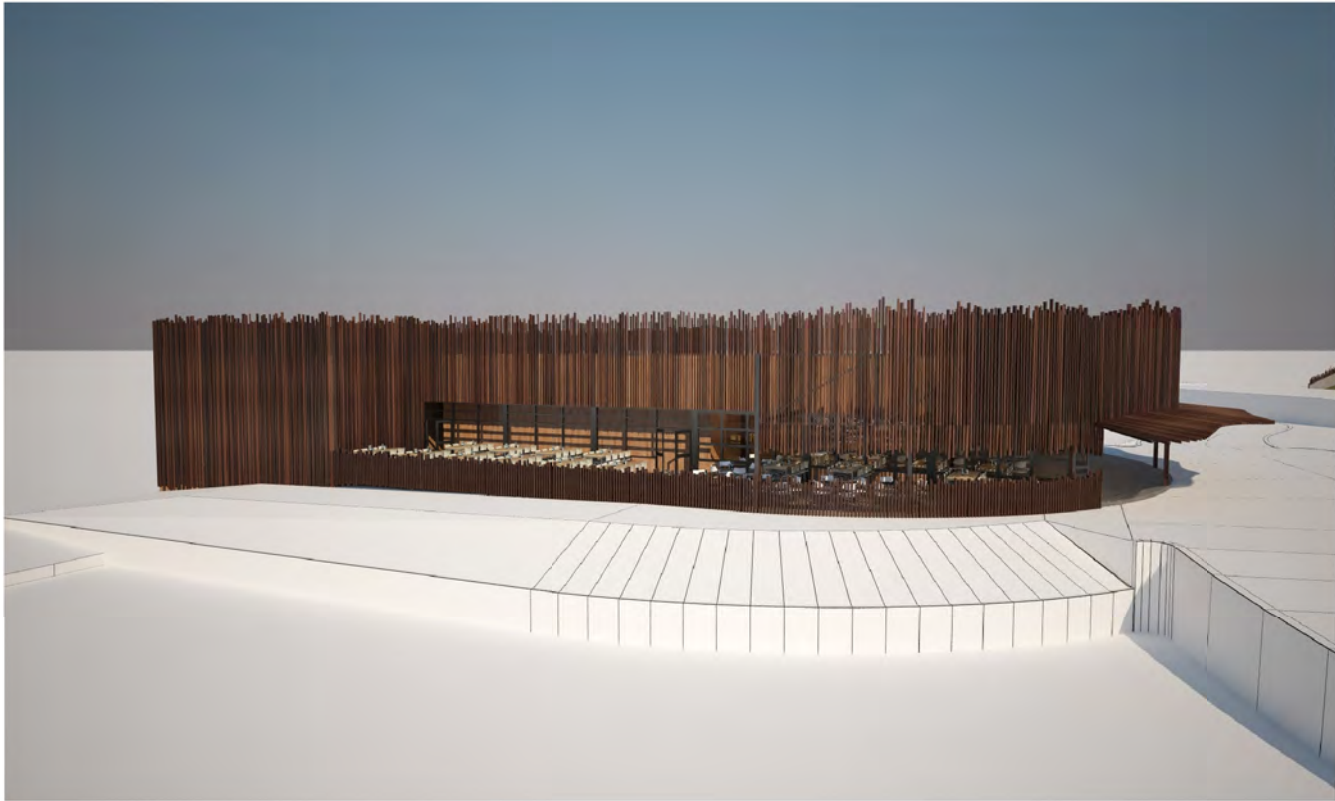


Building Material Notes:

- CS The new concrete slab to have a layer on a prepared level block and fill base. The edge beams and external upturns are to be left exposed for termite inspections. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.
- EW2 New facade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new facade is to be determined. Low E glass if required.
- EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufacturers instructions. The plywood is to be to vertical and horizontal 40mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed Enviroseal Protowrap wall membrane. Over the external face of the new 105mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.
- P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- P3 New 12mm acoustic panelling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.
- R1 New Lysaght Klip-Lok 700 HI strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protowrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the purlins. Under the roof sheeting is to be Bradford Thermofol Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new cross laminated timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protowrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ProctorWrap™HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide, Bradford Enviroseal™ProctorWrap™HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ProctorWrap™HT-R is unsupported, laps should be taped with ProctorWrap™SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2 New Lasertile 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.
- R3 New timber cladding to a new steel structural frame that ties into the Lasertile roof. Refer to future detailing.
- C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.
- BW New 150mm core fill block wall with render to exposed sides with selected paint colour as specified.



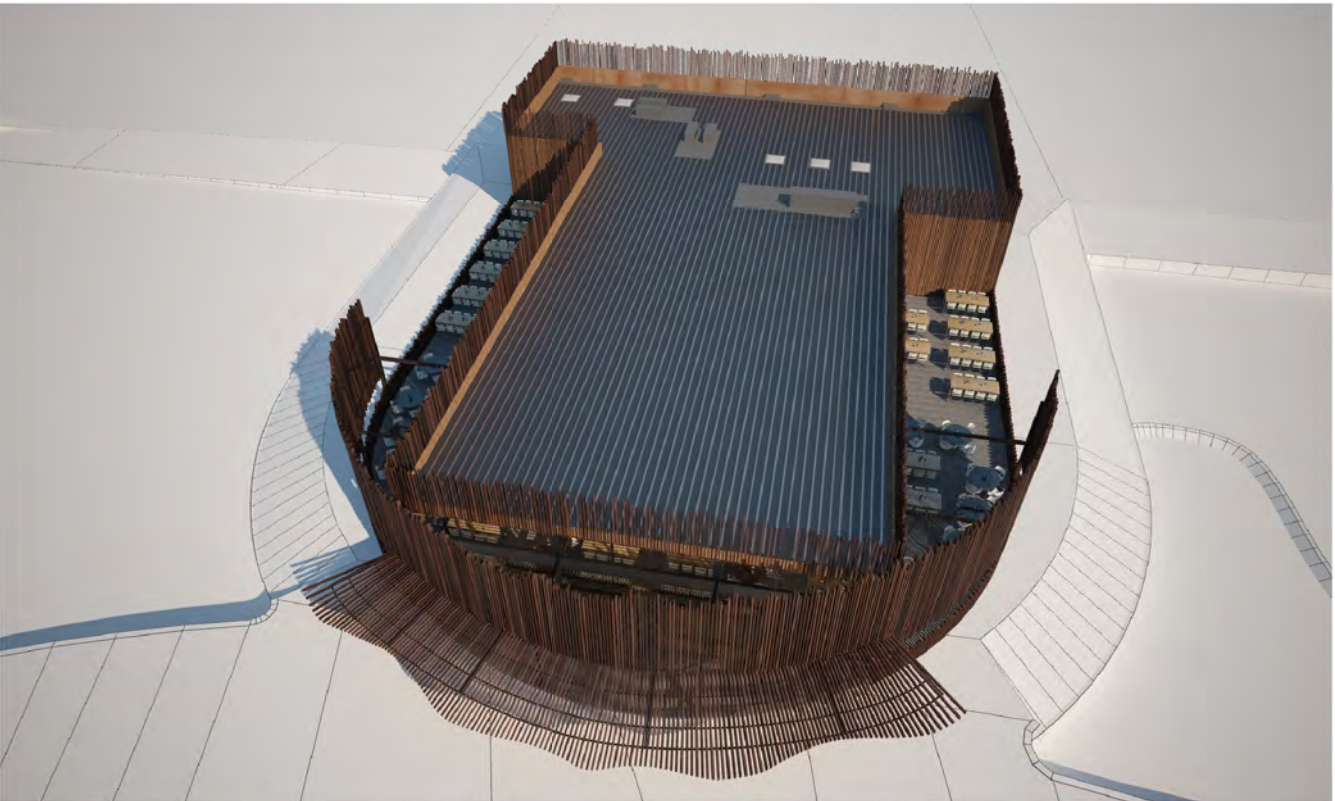




View 1



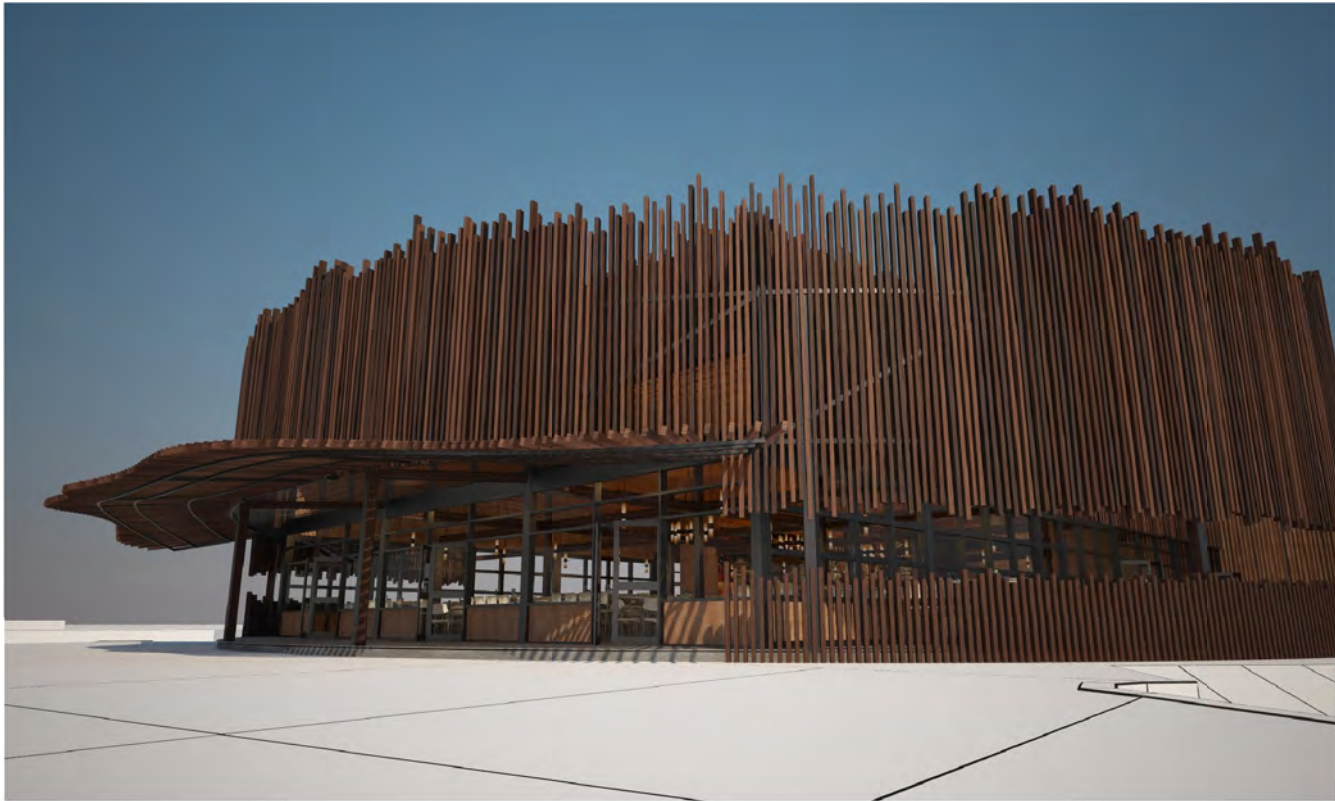
View 2



View 3



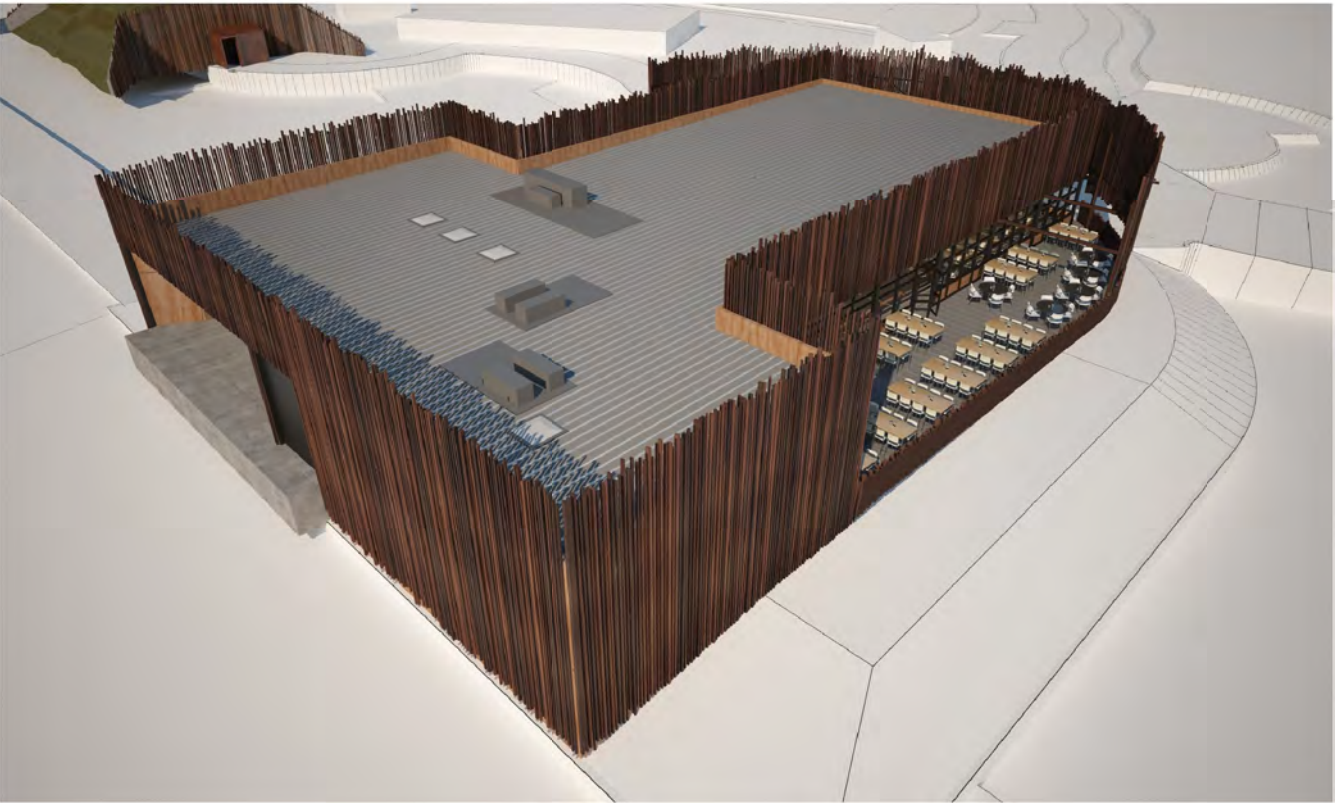
View 4



View 5



View 6



View 7

Building Material Notes:

- CS The new concrete slab to have a layer on a prepared level block and fill base. The edge beams and external upturns are to be left exposed for termite inspections. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.
- EW2 New facade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new facade is to be determined. Low E glass if required.
- EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufacturers instructions. The plywood is to be vertical and horizontal 40mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed Enviroseal Protowrap wall membrane. Over the external face of the new 105mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.
- P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- P3 New 12mm acoustic panelling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.
- R1 New Lysaght Klip-Lok 700 HI strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protowrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the purlins. Under the roof sheeting is to be Bradford Thermofol Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new cross laminated timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protowrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide, Bradford Enviroseal™ ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarking does not comply with this specification.
- R2 New Lasertile 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.
- R3 New timber cladding to a new steel structural frame that ties into the Lasertile roof. Refer to future detailing.
- C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.
- BW New 150mm core fill block wall with render to exposed sides with selected paint colour as specified.

Elevation 1 Scale 1:100 WITHOUT SCREENS

Elevation 2 Scale 1:100 WITHOUT SCREENS

Elevation 3 Scale 1:100 WITHOUT SCREENS

Elevation 4 Scale 1:100 WITHOUT SCREENS



Client
Sydney Zoo Pty Ltd

Project
New Sydney Zoo
Great Western Highway
Eastern Creek/Bungarbee Park
Sydney Australia

Architects / Interior Designers
MISHO+ASSOCIATES
EMAIL: MISHO@MISHO.COM.AU WWW.MISHO.COM.AU
MISHO + ASSOCIATES PTY LTD
AC/N 045 038 486 ABN 32 045 038 486
TELEPHONE 61 3 6264 2333 FACSIMILE 61 3 6264 3111

Planners/Landscape Architects
ASPECT Studios™
Studio 61, Level 6, 61 Marlborough Street
Surry Hills, NSW 2010

Lindsay Dynan

GENERAL NOTES TO ALL:
1. IF IN DOUBT ASK!
2. BUILDER TO ALLOW FOR THE COORDINATION BETWEEN ALL SERVICES CONTRACTORS. ALLOW TO CROSS CHECK ALL DRAWINGS FROM MECHANICAL, ELECTRICAL, HYDRAULIC CONTRACTOR, WHENEVER A DISCREPANCY IS FOUND THE BUILDER IS TO NOTIFY THE ARCHITECT AND CONSULTANTS IMMEDIATELY.
3. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OR FABRICATION OF ANY ITEMS.

4. THE MECHANICAL CONTRACTOR IS TO ALLOW FOR THE APPROPRIATE BALANCING OF THE AIR CONDITIONING SYSTEMS TO ENSURE ADEQUATE AND PROPER FUNCTION OF THE THERMOSTAT CONTROLS.
5. MAKE GOOD ALL FINISHING SURFACES AS NECESSARY TO RECEIVE NEW PAINT FINISH.
6. ALL BUILDING WORKS AND MATERIALS USED ARE TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS. IF THE BUILDER IS AWARE OF ANY BREACHES OF CODES, THEN THE

BUILDER IS TO BRING THEM TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY AS ON AS POSSIBLE. ALL METHODS OF FIXING AND WORKMANSHIP SHALL MEET THE STANDARDS SET DOWN IN THE AUSTRALIAN STANDARDS.
7. THE SITE IS TO BE KEPT IN A CONDITION THAT COMPLES WITH ALL WORKCOVER ACTS. THE SAFETY OF ALL THE SUBCONTRACTORS, VISITORS AND OTHER PERSONS SHOULD NOT BE COMPROMISED AT ANY TIME.

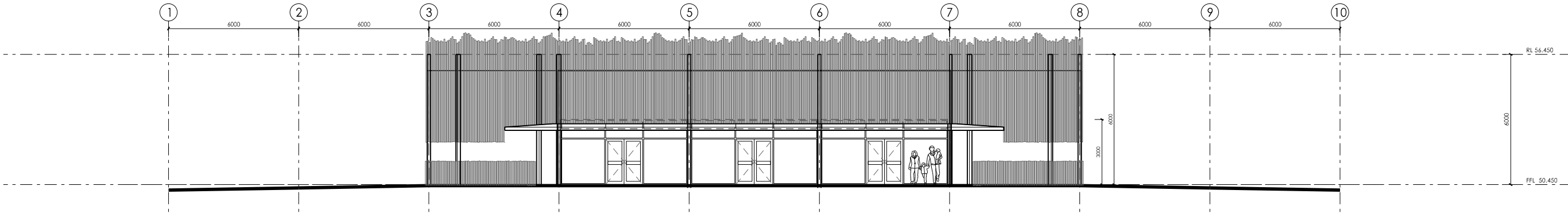
ALL THE ARCHITECTURAL DOCUMENTATION IS TO BE READ IN CONJUNCTION WITH MASTER PLANNING DOCUMENTATION, LANDSCAPE DOCUMENTATION AND ALL OTHER ENGINEERING DOCUMENTATION. IF THERE ARE ANY DISCREPANCIES PLEASE INFORM THE AUTHOR.

Rev.	Issue For	Date
E	BIS Exhibition Document	03.12.15
D	Test For Adequacy	02.11.15
C	Draft DA Issue	30.10.15
B	Draft DA Issue	22.10.15
A	First Draft DA Issue	7.10.15

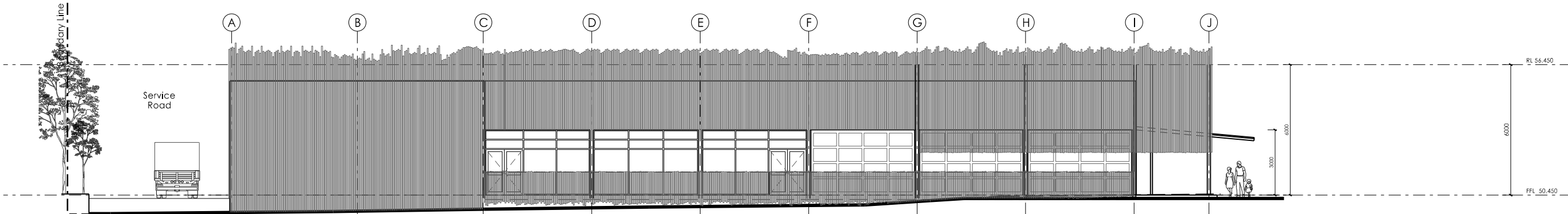
Building 2 - Elevations
Restaurant

0.5 1.0 3.0 5.0 10m

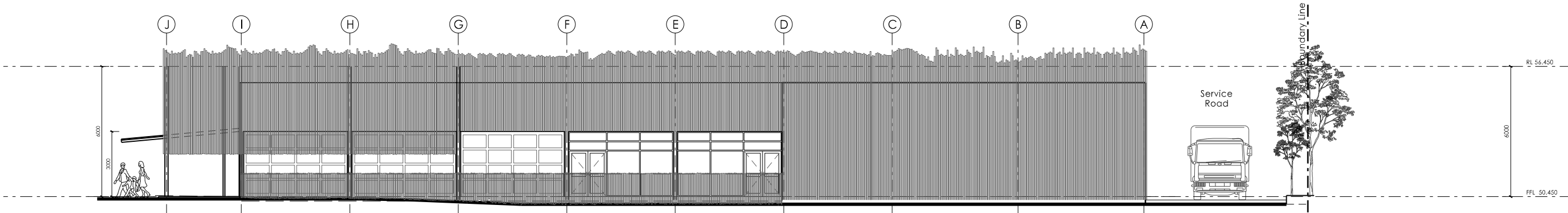
Drawn : JH	Date : October 2015
Approved : MV	Scale : 1:100 @ A1 1:200 @ A3
Job No : 15-565	Number : DA. 206
Issue : E	



Elevation 1 Scale 1:100 WITH SCREENS



Elevation 2 Scale 1:100 WITH SCREENS



Elevation 4 Scale 1:100 WITH SCREENS

Notes Building 2

Building Material Notes:

- CS The new concrete slab to have a layer on a prepared level block and fill base. The edge beams and external upturns are to be left exposed for termite inspections. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.
- EW2 New facade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new facade is to be determined. Low E glass if required.
- EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufacturers instructions. The plywood is to be vertical and horizontal 40mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed Enviroseal Protowrap wall membrane. Over the external face of the new 105mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.
- P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- P3 New 12mm acoustic panelling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.
- R1 New Lysaght Klip-Lok 700 HI strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protowrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the purlins. Under the roof sheeting is to be Bradford Thermofol Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new cross laminated timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protowrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide, Bradford Enviroseal™ ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2 New Lasertile 3000 in platinum to be screw fixed over new steel roof framing canopy over the front entry and exit area of the building.
- R3 New timber cladding to a new steel structural frame that ties into the Lasertile roof. Refer to future detailing.
- C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.
- BW New 150mm core fill block wall with render to exposed sides with selected paint colour as specified.



Client
Sydney Zoo Pty Ltd

Project
New Sydney Zoo
Great Western Highway
Eastern Creek/Bungarbee Park
Sydney Australia

Architects / Interior Designers
MISHO+ASSOCIATES
EMAIL: MISHO@MISHO.COM.AU WWW.MISHO.COM.AU
MISHO + ASSOCIATES PTY LTD
ACN 065 038 486 ABN 32 065 038 486
TELEPHONE 61 3 6264 2333 FACSIMILE 61 3 6264 3111

Planners/Landscape Architects
ASPECT Studios™
Studio 61, Level 6, 61 Marlborough Street
Surry Hills, NSW 2010



GENERAL NOTES TO ALL:
1. IF IN DOUBT ASK!
2. BUILDER TO ALLOW FOR THE COORDINATION BETWEEN ALL SERVICES CONTRACTORS. ALLOW TO CROSS CHECK ALL DRAWINGS FROM MECHANICAL, ELECTRICAL, HYDRAULIC CONTRACTOR. WHENEVER A DISCREPANCY IS FOUND THE BUILDER IS TO NOTIFY THE ARCHITECT AND CONSULTANTS IMMEDIATELY.
3. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OR FABRICATION OF ANY ITEMS.

4. THE MECHANICAL CONTRACTOR IS TO ALLOW FOR THE APPROPRIATE BALANCING OF THE AIR CONDITIONING SYSTEMS TO ENSURE ADEQUATE AND PROPER FUNCTION OF THE THERMOSTAT CONTROLS.
5. MAKE GOOD ALL EXISTING SURFACES AS NECESSARY TO RECEIVE NEW PAINT FINISH.
6. ALL BUILDING WORKS AND MATERIALS USED ARE TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS. IF THE BUILDER IS AWARE OF ANY BREACHES OF CODES, THEN THE

BUILDER IS TO BRING THEM TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY AS ON AS POSSIBLE. ALL METHODS OF FIXING AND WORKMANSHIP SHALL MEET THE STANDARDS SET DOWN IN THE AUSTRALIAN STANDARDS.
7. THE SITE IS TO BE KEPT IN A CONDITION THAT COMPLES WITH ALL WORKCOVER ACTS. THE SAFETY OF ALL THE SUBCONTRACTORS, VISITORS AND OTHER PERSONS SHOULD NOT BE COMPROMISED AT ANY TIME.

ALL THE ARCHITECTURAL DOCUMENTATION IS TO BE READ IN CONJUNCTION WITH MASTER PLANNING DOCUMENTATION, LANDSCAPE DOCUMENTATION AND ALL OTHER ENGINEERING DOCUMENTATION. IF THERE ARE ANY DISCREPANCIES PLEASE INFORM THE AUTHOR.

E	BIS Exhibition Document	03.12.15
D	Test For Adequacy	02.11.15
C	Draft DA Issue	30.10.15
B	Draft DA Issue	22.10.15
A	First Draft DA Issue	9.10.15
Rev.	Issue For	Date

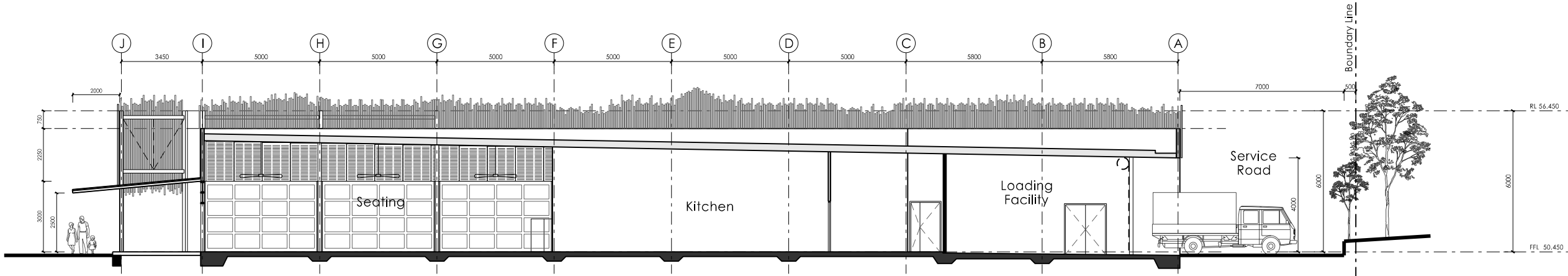
Building 2 - Elevations
Restaurant

0.5 1.0 3.0 5.0 10m

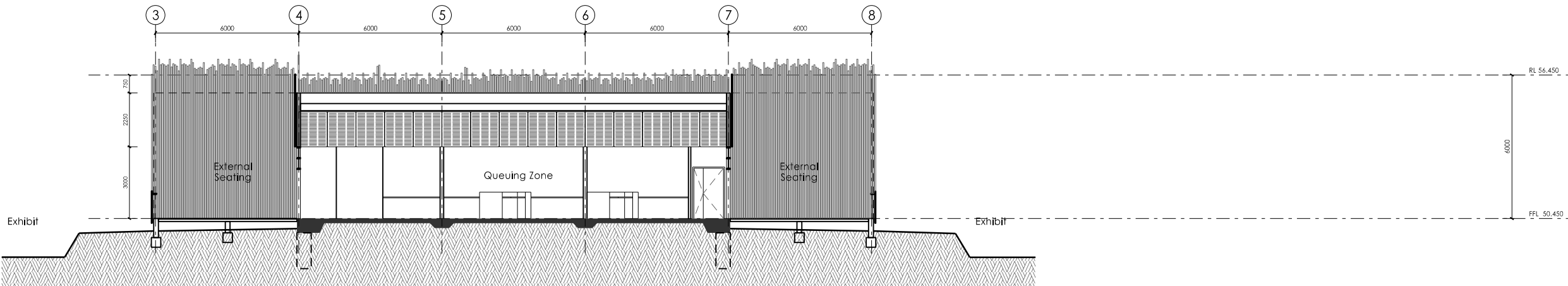
Drawn:	JH	Date:	October 2015
Approved:	MV	Scale:	1:100 @ A1 1:200 @ A3
Job No	15-565	Number	DA. 207
Issue			E

Building Material Notes:

- CS The new concrete slab to have a layer on a prepared level block and fill base. The edge beams and external upturns are to be left exposed for termite inspections. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- ED New 137 x 23 Modwood decking boards laid over timber and steel sub frame.
- EW2 New facade glazing to be thermally broken aluminium framed (U Value to be 2.9 or less) in powder coated aluminium section with front faced glazing channel for standard clear laminated double glazed windows. Allow for head and sill sub frames to be installed with drainage channels to the exterior. The break up and layout of the new facade is to be determined. Low E glass if required.
- EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufacturers instructions. The plywood is to be to vertical and horizontal 40mm top hat sections. Between the top hat sections is to be placed 30 mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed Enviroseal Protowrap wall membrane. Over the external face of the new 105mm cross laminated timber panels (CLT) is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.
- P1 New 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 New 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- P3 New 12mm acoustic panelling in plywood finish, to all internal wall surfaces above 2700 mm. Clear finish to plywood. Plywood to be fixed over new CLT panels that extend to the underside of the new ceiling/ roof panels.
- R1 New Lysaght Klip-Lok 700 HI strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Enviroseal protowrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the purlins. Under the roof sheeting is to be Bradford Thermofol Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new cross laminated timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protowrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2 New Lasertile 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry and exit area of the building.
- R3 New timber cladding to a new steel structural frame that ties into the Lasertile roof. Refer to future detailing.
- C1 New 105 Cross Laminated Timber (CLT) panels with clear finish or selected paint finish to be specified.
- BW New 150mm core fill block wall with render to exposed sides with selected paint colour as specified.



Sectional Elevation A Scale 1:100



Sectional Elevation B Scale 1:100



Client
Sydney Zoo Pty Ltd

Project
New Sydney Zoo
Great Western Highway
Eastern Creek/Bungarbee Park
Sydney Australia

Architects / Interior Designers
MISHO+ASSOCIATES
EMAIL: MISHO@MISHO.COM.AU WWW.MISHO.COM.AU
MISHO + ASSOCIATES PTY LTD
ACN 045 038 486 ABN 32 045 038 486
TELEPHONE 61 3 6264 2333 FACSIMILE 61 3 6264 3111

Planners/Landscape Architects
ASPECT Studios™
Studio 61, Level 6, 61 Marlborough Street
Surry Hills, NSW 2010



GENERAL NOTES TO ALL:
1. IF IN DOUBT ASK!!
2. BUILDER TO ALLOW FOR THE COORDINATION BETWEEN ALL SERVICES CONTRACTORS. ALLOW TO CROSS CHECK ALL DRAWINGS FROM MECHANICAL, ELECTRICAL, HYDRAULIC CONTRACTOR, WHENEVER A DISCREPANCY IS FOUND THE BUILDER IS TO NOTIFY THE ARCHITECT AND CONSULTANTS IMMEDIATELY.
3. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OR FABRICATION OF ANY ITEMS.

4. THE MECHANICAL CONTRACTOR IS TO ALLOW FOR THE APPROPRIATE BALANCING OF THE AIR CONDITIONING SYSTEMS TO ENSURE ADEQUATE AND PROPER FUNCTION OF THE THERMOSTAT CONTROLS.
5. MAKE GOOD ALL EXISTING SURFACES AS NECESSARY TO RECEIVE NEW PAINT FINISH.
6. ALL BUILDING WORKS AND MATERIALS USED ARE TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS. IF THE BUILDER IS AWARE OF ANY BREACHES OF CODES, THEN THE

BUILDER IS TO BRING THEM TO THE ATTENTION OF THE ARCHITECT/ENGINEER AS ON AS POSSIBLE. ALL METHODS OF FIXING AND WORKMANSHIP SHALL MEET THE STANDARDS SET DOWN IN THE AUSTRALIAN STANDARDS.
7. THE SITE IS TO BE KEPT IN A CONDITION THAT COMPLETES WITH ALL WORKCOVER ACTS. THE SAFETY OF ALL THE SUBCONTRACTORS, VISITORS AND OTHER PERSONS SHOULD NOT BE COMPROMISED AT ANY TIME.

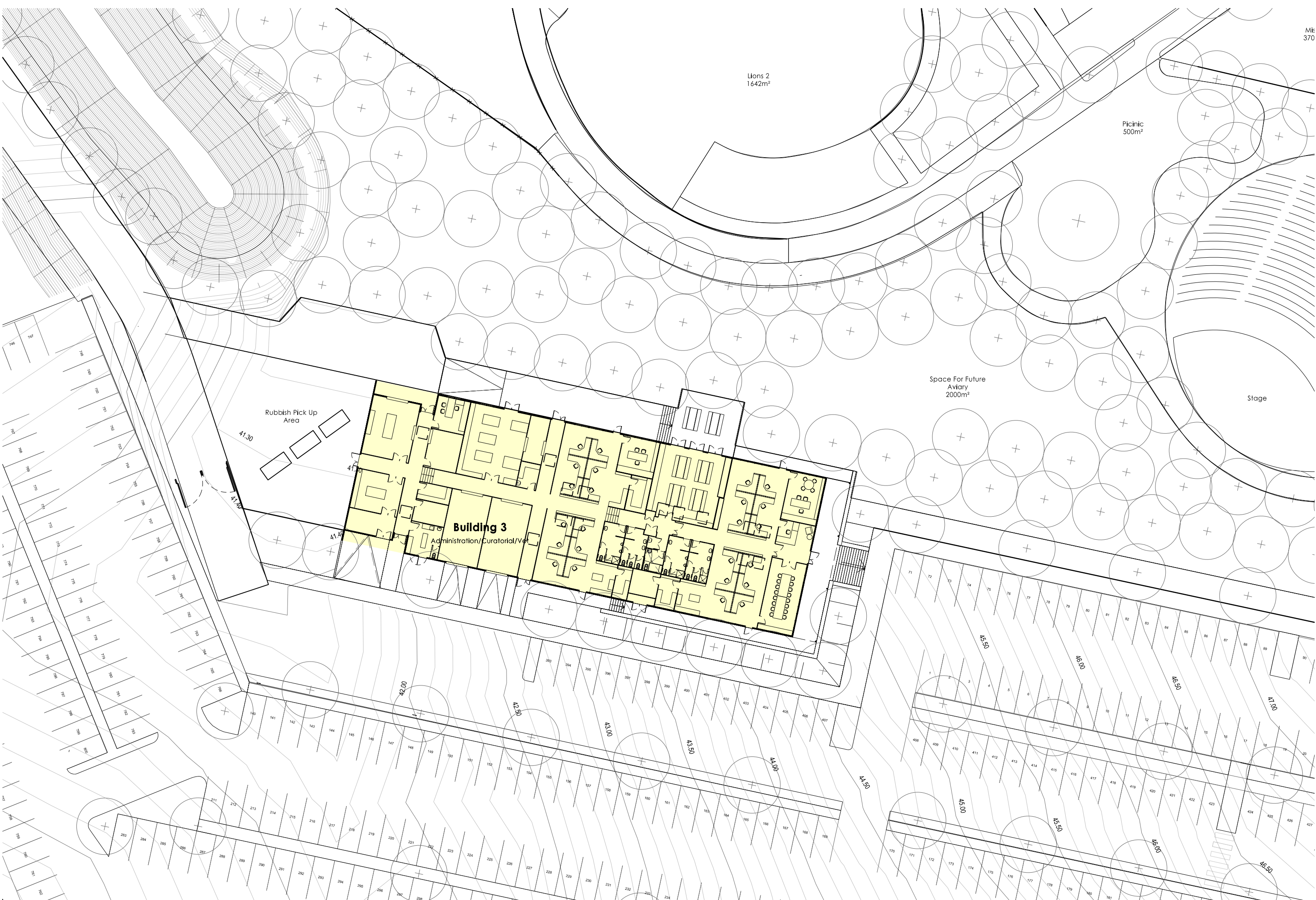
ALL THE ARCHITECTURAL DOCUMENTATION IS TO BE READ IN CONJUNCTION WITH MASTER PLANNING DOCUMENTATION, LANDSCAPE DOCUMENTATION AND ALL OTHER ENGINEERING DOCUMENTATION. IF THERE ARE ANY DISCREPANCIES PLEASE INFORM THE AUTHOR.

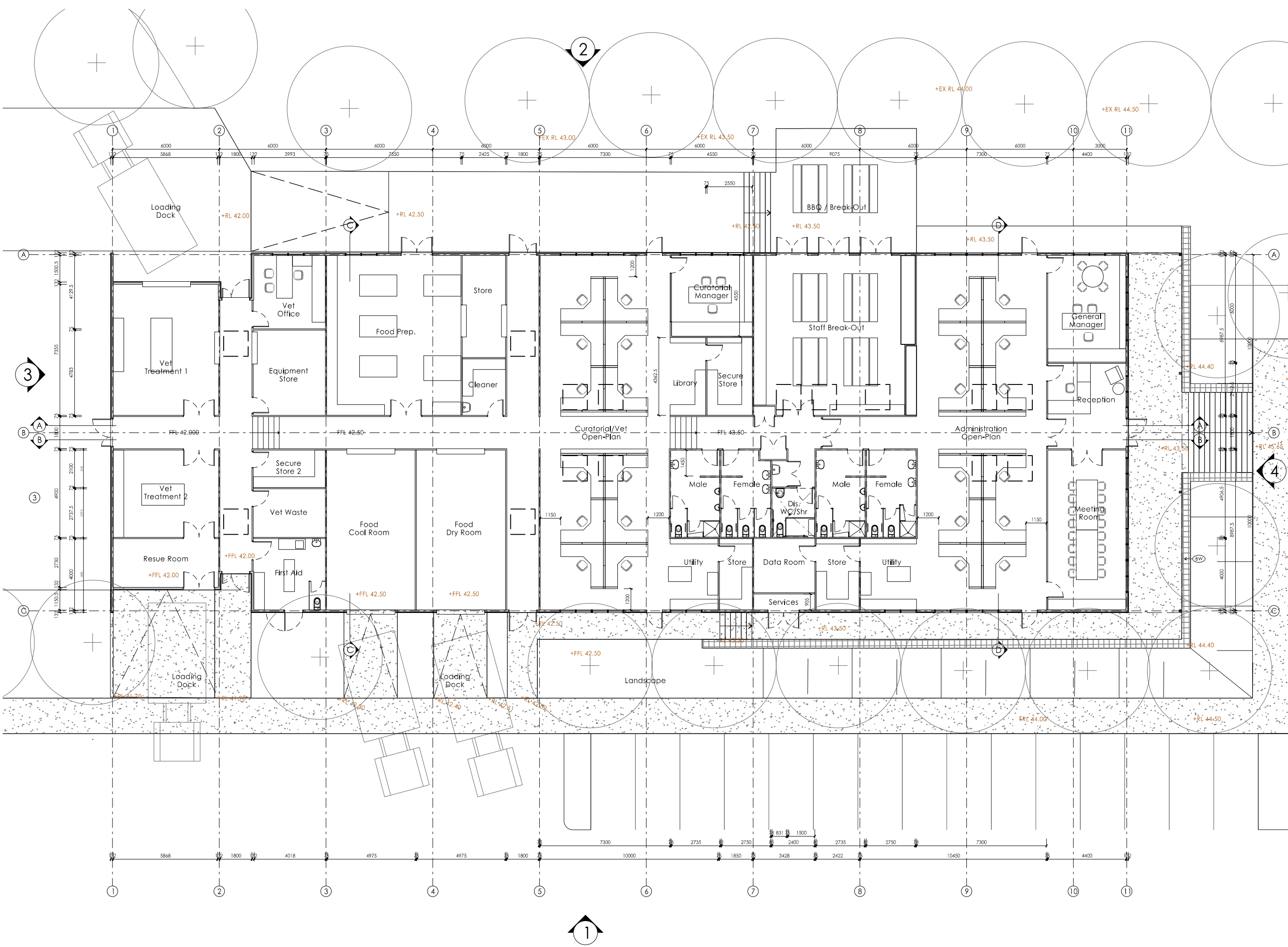
E	BIS Exhibition Document	03.12.15
D	Test For Adequacy	02.11.15
C	Draft DA Issue	30.10.15
B	Draft DA Issue	22.10.15
A	First Draft DA Issue	9.10.15
Rev.	Issue For	Date

Buiding 2 - Sections
Restaurant

0.5 1.0 3.0 5.0 10m

Drawn:	JH	Date:	October 2015
Approved:	MV	Scale:	1:100 @ A1 1:200 @ A3
Job No	15-565	Number	DA. 208
Issue			E





- Notes Building 3
- Building Material Notes:
- CS

The new concrete slab to have a layer of 200mm polystyrene insulation under the entire concrete slab. The edge beams and external upturns are to be left exposed for termite inspections.
- EW1

Externally new wall sheeting is to be custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 30mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal Protowrap wall membrane. Over the external face of the 105 cross laminated timber panels is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.
- P1

85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2

85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- R1

New sheet roofing is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. Enviroseal protowrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the purlins. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spaces of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protowrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ProctorWrap™HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ProctorWrap™HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ProctorWrap™HT-R is unsupported, laps should be taped with ProctorWrap™SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2

New Lasertite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry of the building.
- C1

New 105 Cross Laminated Timber panels with clear finish or selected paint finish to be specified.
- SK1

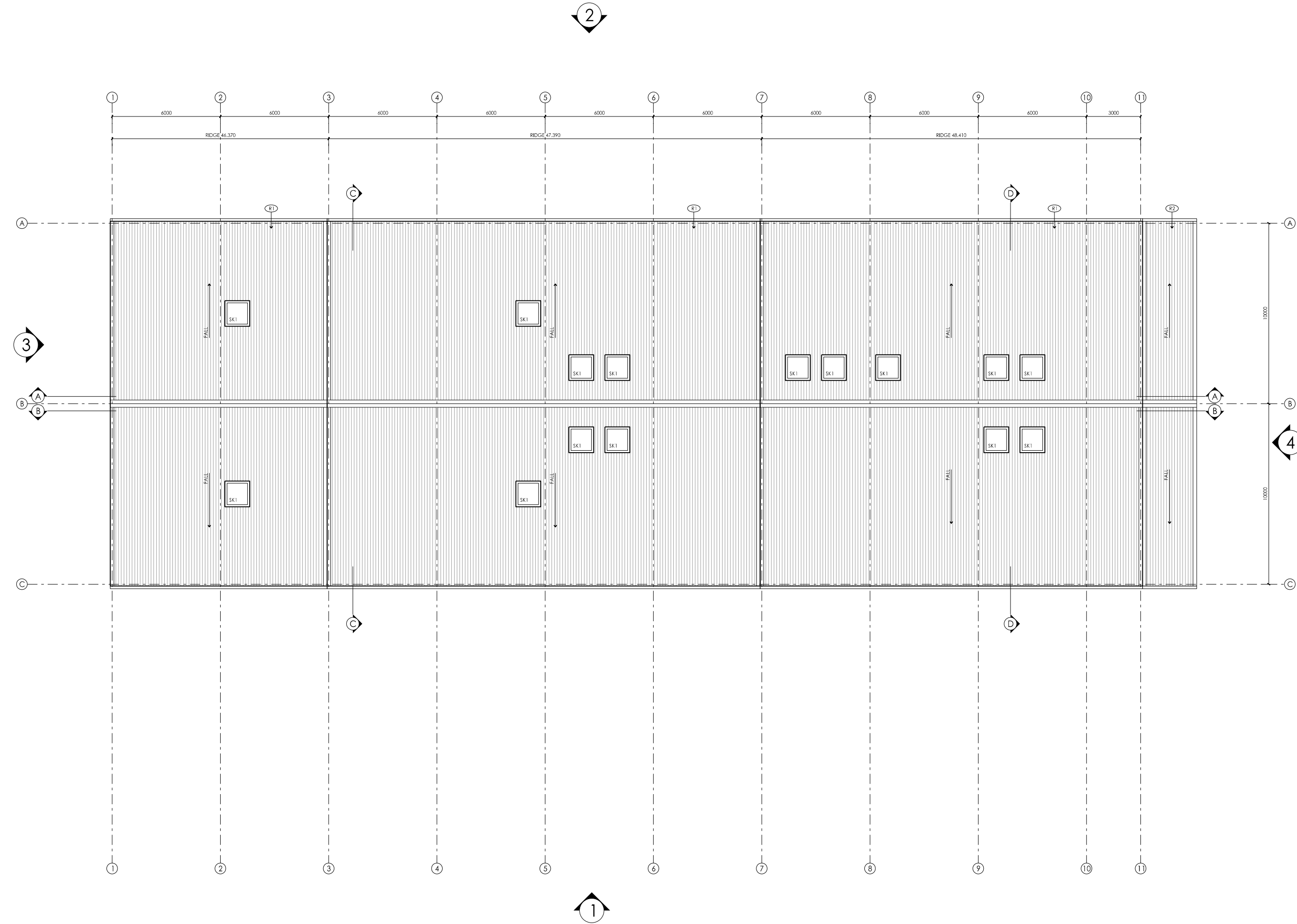
New 1120 x 1180 Velux fixed skylight. The window is a high performance double glazed window with argon gas. Allow for the plywood to be returned into the side of the velux window. Allow for the correct flashing and installation.
- W

New Aluminium framed windows thermally broken windows sections. With Colourbond colour finish externally. Windows are to be double glazed units with selected glass for thermal requirements. Window locks to all windows and Flyscreens to all opening panels
- BW

New 150mm core fill block wall with render to exposed sides with selected paint colour as specified.

Building Material Notes:

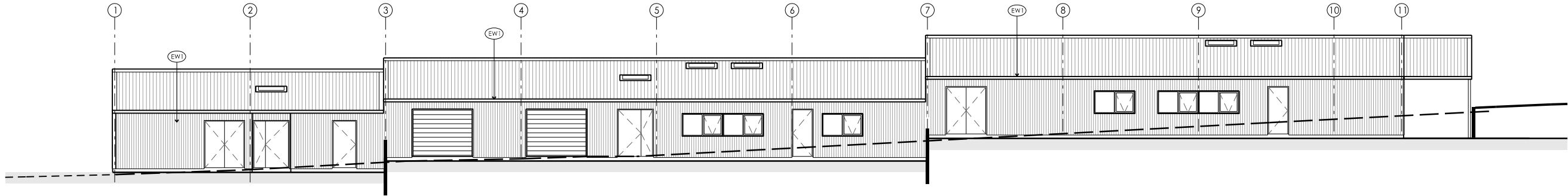
- CS The new concrete slab to have a layer of 200mm polystyrene insulation under the entire concrete slab. The edge beams and external upturns are to be left exposed for termite inspections.
- EW1 Externally new wall sheeting is to be custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0,60. W1 to have 30mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal Protowrap wall membrane. Over the external face of the 105 cross laminated timber panels is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.
- P1 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- R1 New sheet roofing is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60 Enviroseal protowrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the purlins. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the Installation of Enviroseal protowrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ProctorWrap™HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ProctorWrap™HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™HT-R is unsupported, laps should be taped with ProctorWrap™SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2 New Laserlite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry of the building.
- C1 New 105 Cross Laminated Timber panels with clear finish or selected paint finish to be specified.
- SK1 New 1120 x 1180 Velux fixed skylight. The window is a high performance double glazed window with argon gas. Allow for the plywood to be returned into the side of the velux window. Allow for the correct flashing and installation.
- W New Aluminium framed windows thermally broken windows sections. With Colourbond colour finish externally. Windows are to be double glazed units with selected glass for thermal requirements. Window locks to all windows and Flyscreens to all opening panels
- BW New 150mm core fill block wall with render to exposed sides with selected paint colour as specified.



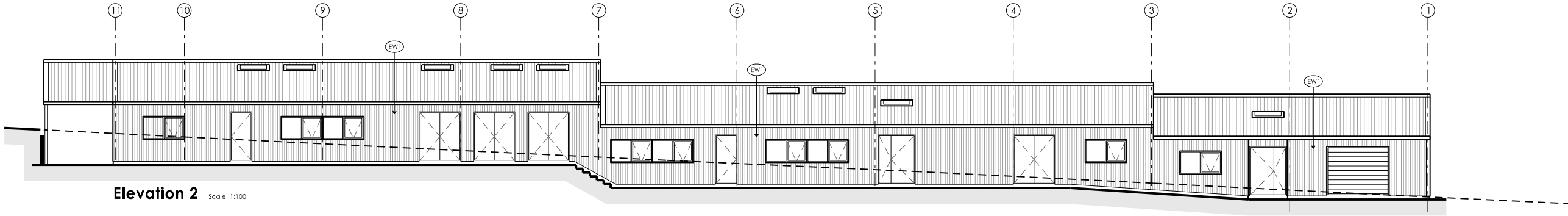


Building Material Notes:

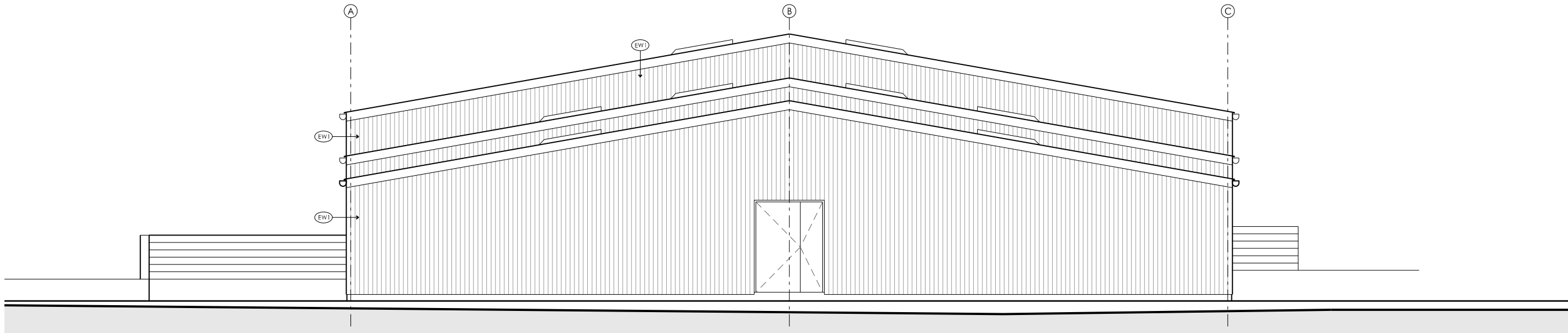
- CS The new concrete slab to have a layer of 200mm polystyrene insulation under the entire concrete slab. The edge beams and external upturns are to be left exposed for termite inspections.
- EW1 Externally new wall sheeting is to be custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 30mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed Enviroseal Protowrap wall membrane. Over the external face of the 105 cross laminated timber panels is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.
- P1 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- R1 New sheet roofing is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60 Enviroseal protowrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the purlins. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new Insulation Batts. Allow for roof sheeting to be securely fixed to new timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protowrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2 New Laserlite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry of the building.
- C1 New 105 Cross Laminated Timber panels with clear finish or selected paint finish to be specified.
- SK1 New 1120 x 1180 Velux fixed skylight. The window is a high performance double glazed window with argon gas. Allow for the plywood to be returned into the side of the velux window. Allow for the correct flashing and installation.
- W New Aluminium framed windows thermally broken windows sections. With Colourbond colour finish externally. Windows are to be double glazed units with selected glass for thermal requirements. Window locks to all windows and Flyscreens to all opening panels
- BW New 150mm core fill block wall with render to exposed sides with selected paint colour as specified.



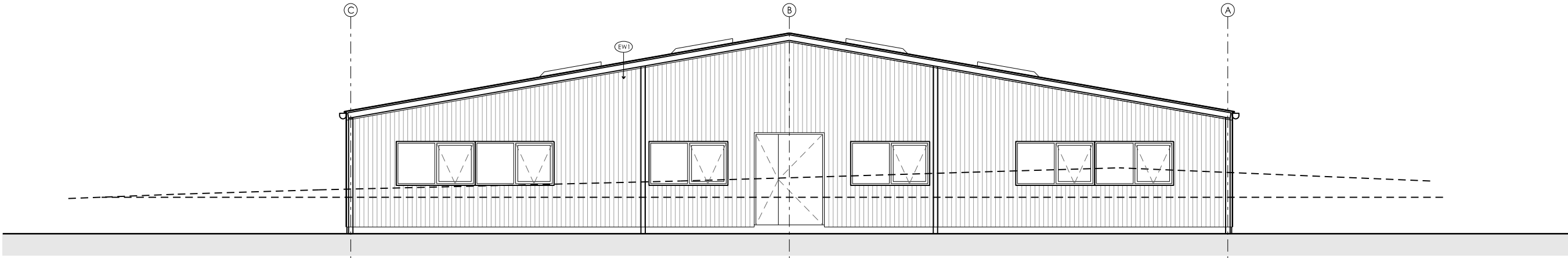
Elevation 1 Scale 1:100



Elevation 2 Scale 1:100



Elevation 3 Scale 1:100



Elevation 4 Scale 1:100



Client
Sydney Zoo Pty Ltd

Project
New Sydney Zoo
Great Western Highway
Eastern Creek/Bungarbee Park
Sydney Australia

Architects / Interior Designers
MISHO+ASSOCIATES
EMAIL: MISHO@MISHO.COM.AU WWW.MISHO.COM.AU
MISHO + ASSOCIATES PTY LTD
ACN 065 038 486 ABN 32 065 038 486
TELEPHONE 61 3 6264 2333 FACSIMILE 61 3 6264 3111

Planners/Landscape Architects
ASPECT Studios™
Studio 61, Level 6, 61 Marlborough Street
Surry Hills, NSW 2010

Lindsay Dynan

GENERAL NOTES TO ALL:
1. IF IN DOUBT ASK!
2. BUILDER TO ALLOW FOR THE COORDINATION BETWEEN ALL SERVICES CONTRACTORS. ALLOW TO CROSS CHECK ALL DRAWINGS FROM MECHANICAL, ELECTRICAL, HYDRAULIC CONTRACTOR. WHENEVER A DISCREPANCY IS FOUND THE BUILDER IS TO NOTIFY THE ARCHITECT AND CONSULTANTS IMMEDIATELY.
3. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OR FABRICATION OF ANY ITEMS.

4. THE MECHANICAL CONTRACTOR IS TO ALLOW FOR THE APPROPRIATE BALANCING OF THE AIR CONDITIONING SYSTEMS TO ENSURE ADEQUATE AND PROPER FUNCTION OF THE THERMOSTAT CONTROLS.
5. MAKE GOOD ALL FINISHING SURFACES AS NECESSARY TO RECEIVE NEW PAINT FINISH.
6. ALL BUILDING WORKS AND MATERIALS USED ARE TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS. IF THE BUILDER IS AWARE OF ANY BREACHES OF CODES, THEN THE

BUILDER IS TO BRING THEM TO THE ATTENTION OF THE ARCHITECT/DESIGNER AS SOON AS POSSIBLE. ALL METHODS OF FIXING AND WORKMANSHIP SHALL MEET THE STANDARDS SET DOWN IN THE AUSTRALIAN STANDARDS.
7. THE SITE IS TO BE KEPT IN A CONDITION THAT COMPLES WITH ALL WORKCOVER ACTS. THE SAFETY OF ALL THE SUBCONTRACTORS, VISITORS AND OTHER PERSONS SHOULD NOT BE COMPROMISED AT ANY TIME.

ALL THE ARCHITECTURAL DOCUMENTAION IS TO BE READ IN CONJUNCTION WITH MASTER PLANNING DOCUMENTATION, LANDSCAPE DOCUMENTATION AND ALL OTHER ENGINEERING DOCUMENTATION. IF THERE ARE ANY DISCREPANCIES PLEASE INFORM THE AUTHOR.

E	B3 Exhibition Document	03.12.15
D	Test For Adequacy	02.11.15
C	Draft DA Issue	30.03.15
B	Draft DA Issue	22.03.15
A	First Draft DA Issue	9.08.15
Rev.	Issue For	Date

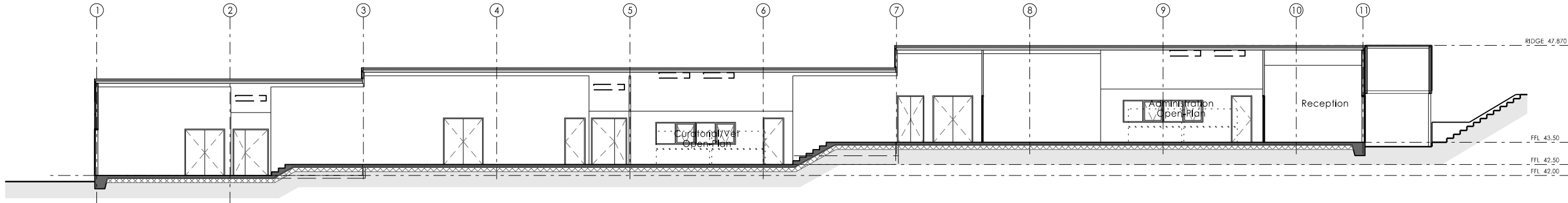
Building 3 - Elevations
Administration/Curatorial/Vet

0.5 1.0 3.0 5.0 10m

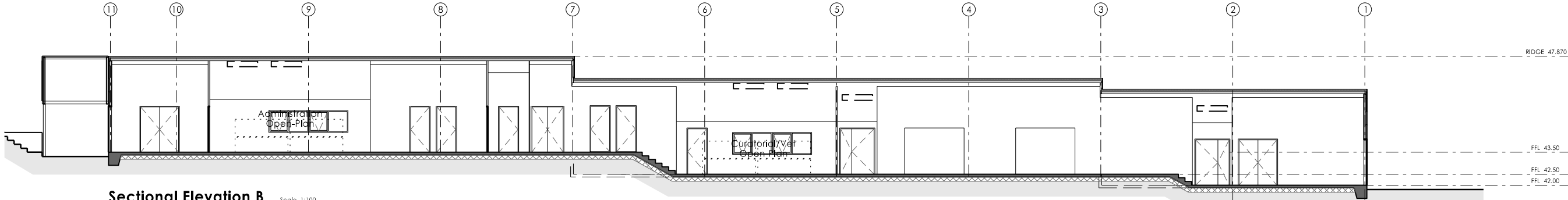
Drawn:	JH	Date:	October 2015
Approved:	MV	Scale:	1:100 @ A1 1:200 @ A3
Job No	Number	Issue	
15-565	DA. 304	E	

Building Material Notes:

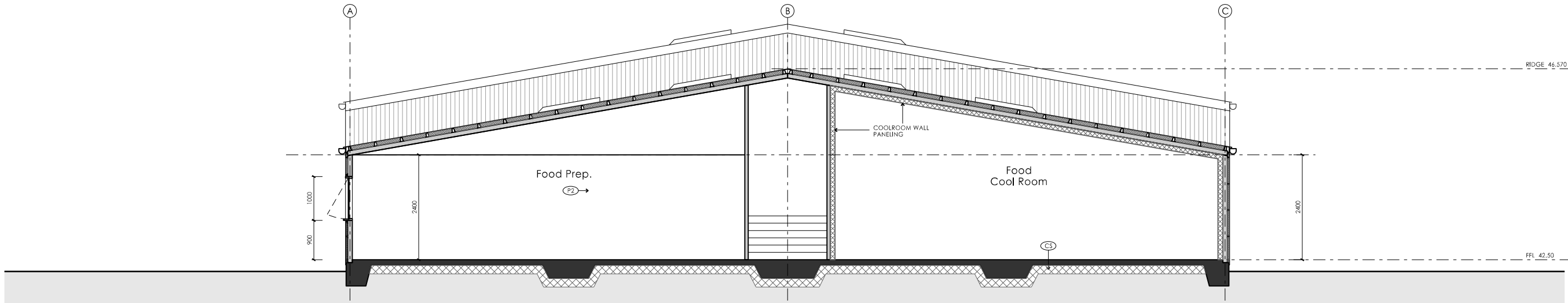
- CS The new concrete slab to have a layer of 200mm polystyrene insulation under the entire concrete slab. The edge beams and external upturns are to be left exposed for termite inspections.
- EW1 Externally new wall sheeting is to be custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 30mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed Enviroseal ProtorWrap wall membrane. Over the external face of the 105 cross laminated timber panels is to be placed 40 mm top hat section at 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.
- P1 85mm Cross laminated timber panel framing full height with selected paint or sealer finish applied to the exposed surface.
- P2 85mm Cross laminated timber panel framing full height with selected sheet vinyl wall finish to 2400 and a paint or sealer finish applied to the exposed surface.
- R1 New sheet roofing is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60 Enviroseal protorWrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the purlins. Under the roof sheeting is to be Bradford Thermofoil Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spaces of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protorWrap High Tensile Roof. Sarking underlay should be CSR Bradford Enviroseal™ ProctorWrap™ HT-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal™ ProctorWrap™ HT-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal™ ProctorWrap™ HT-R is unsupported, laps should be taped with ProctorWrap™ SLS Tape to prevent moisture draining back into the insulation. Foil type sarkings do not comply with this specification.
- R2 New Laserlite 3000 in platinum to be screw fixed over new steel roof farming canopy over the front entry of the building.
- C1 New 105 Cross Laminated Timber panels with clear finish or selected paint finish to be specified.
- SK1 New 1120 x 1180 Velux fixed skylight. The window is a high performance double glazed window with argon gas. Allow for the plywood to be returned into the side of the velux window. Allow for the correct flashing and installation.
- W New Aluminium framed windows thermally broken windows sections. With Colourbond colour finish externally. Windows are to be double glazed units with selected glass for thermal requirements. Window locks to all windows and Flyscreens to all opening panels
- BW New 150mm core fill block wall with render to exposed sides with selected paint colour as specified.



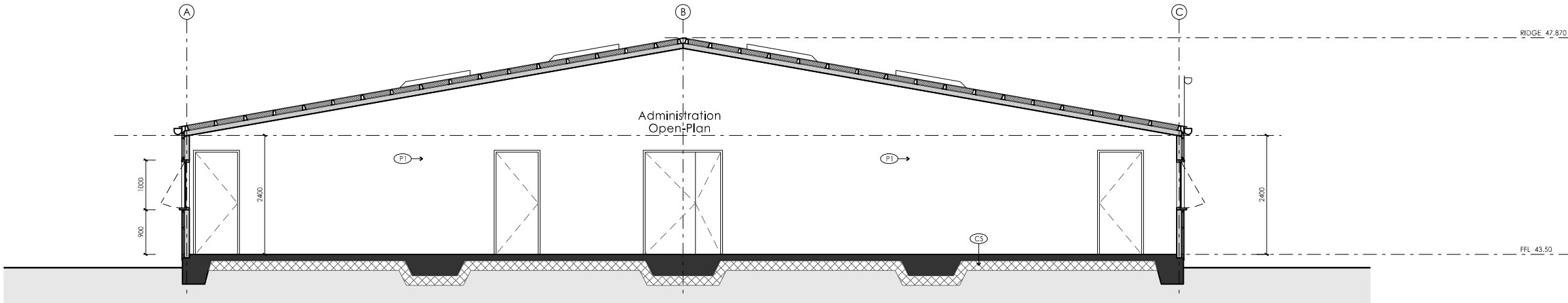
Sectional Elevation A Scale 1:100



Sectional Elevation B Scale 1:100



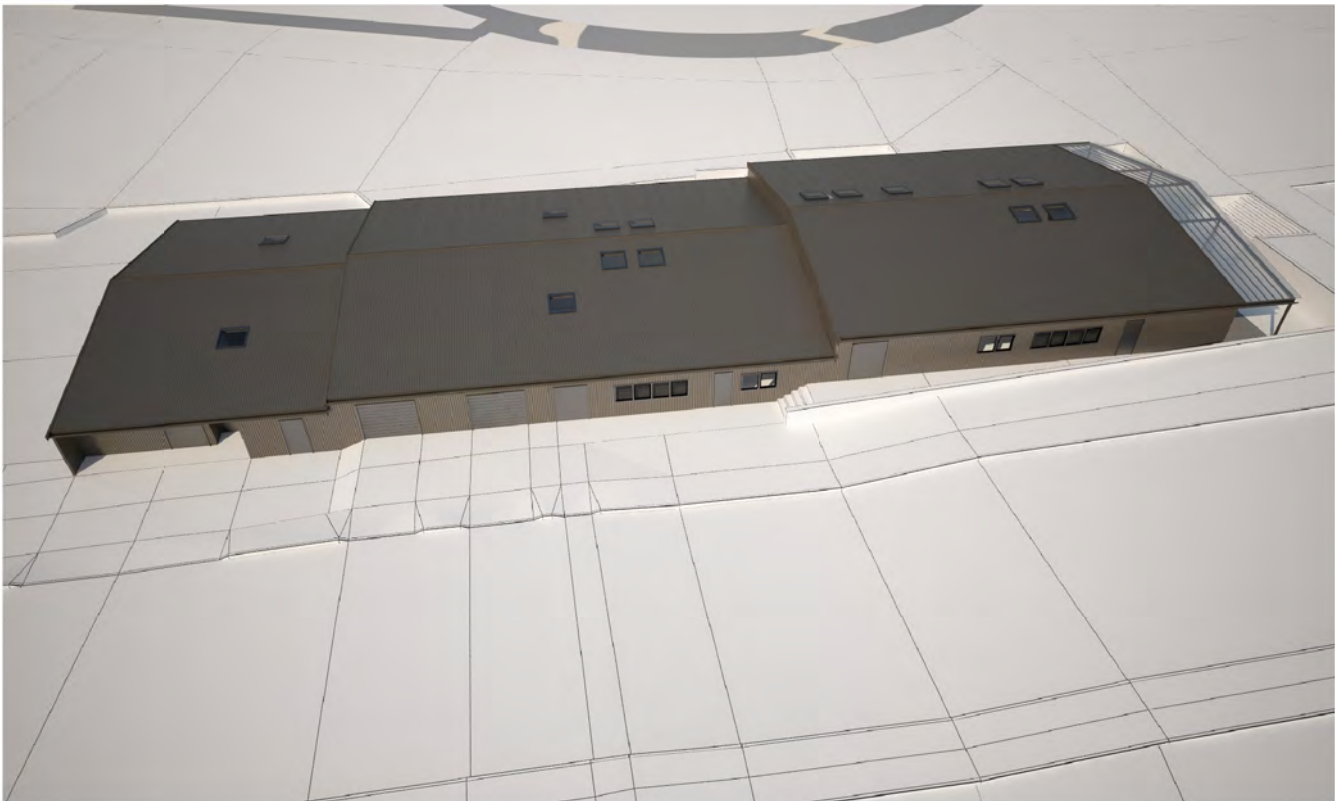
Sectional Elevation C Scale 1:50



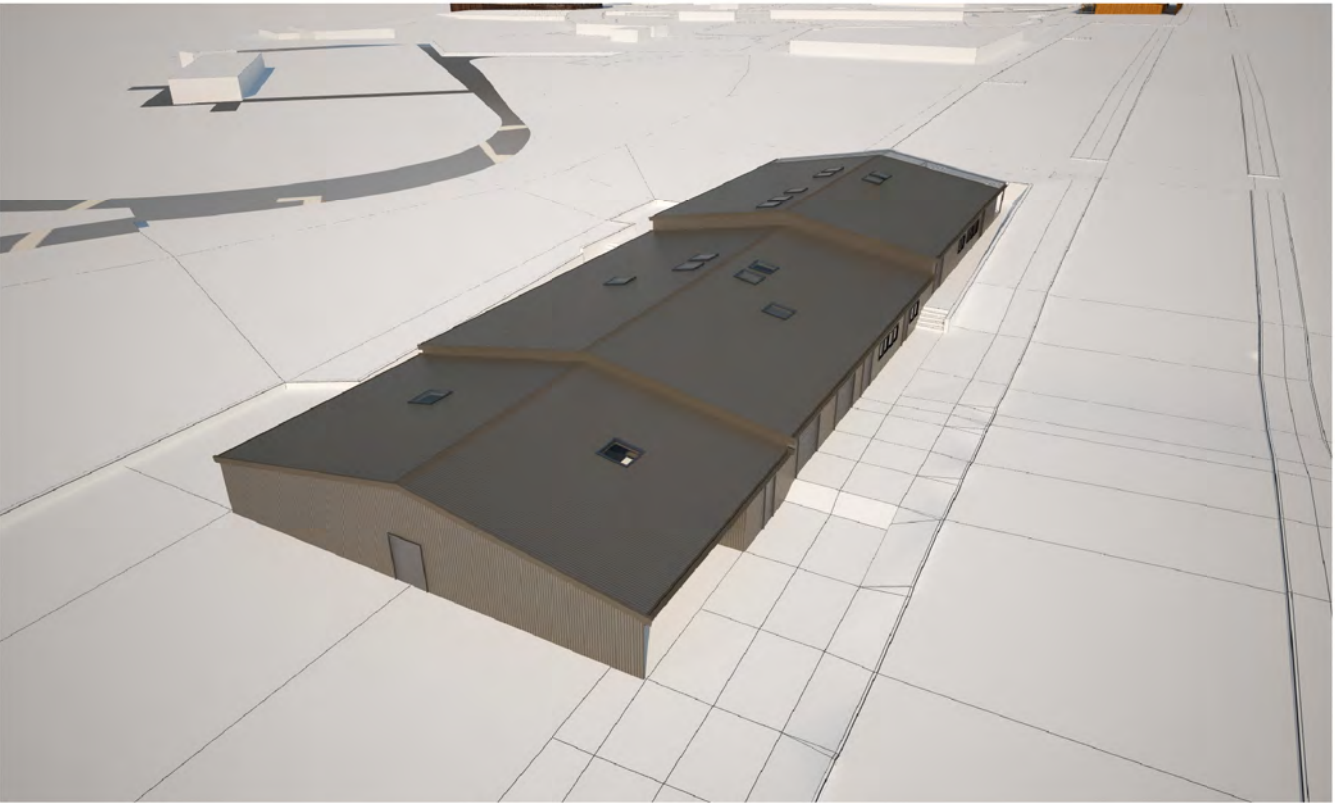
Sectional Elevation D Scale 1:50



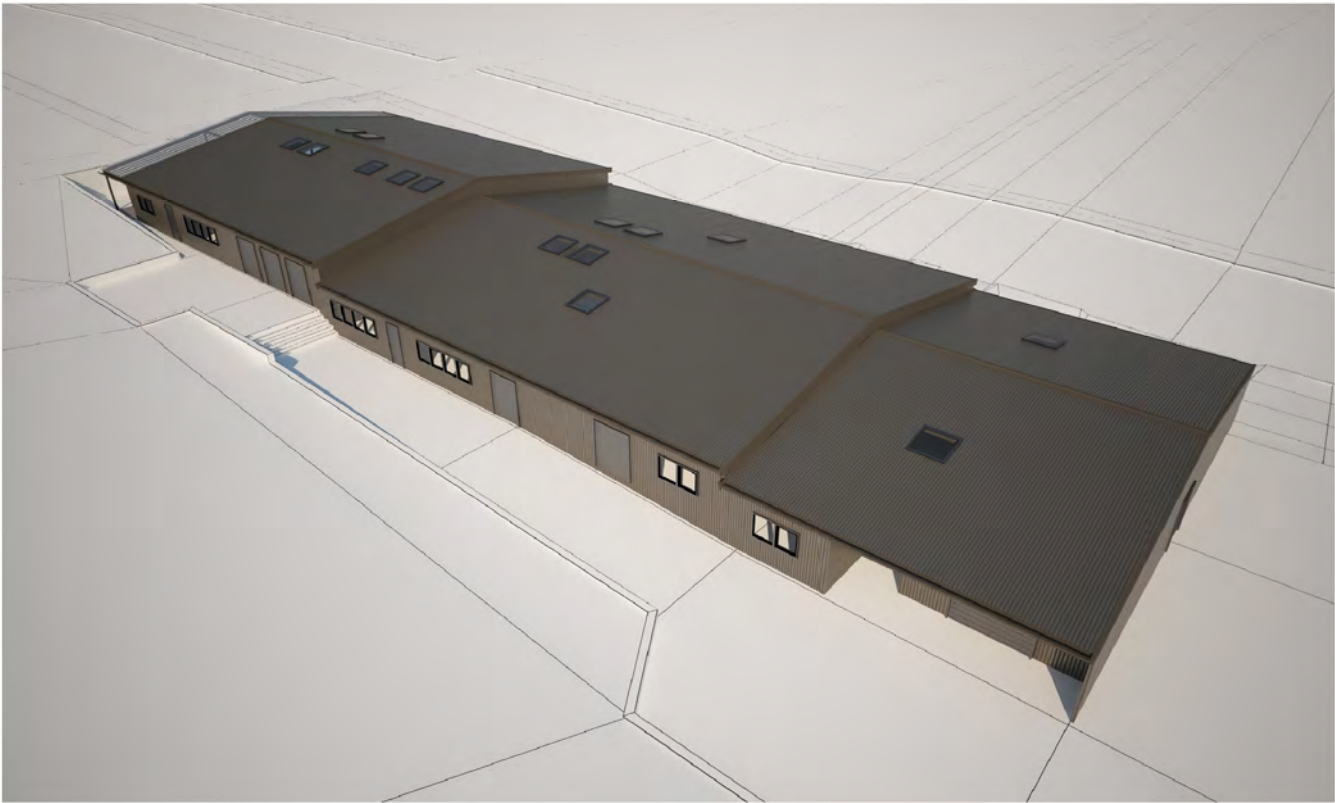
View 1



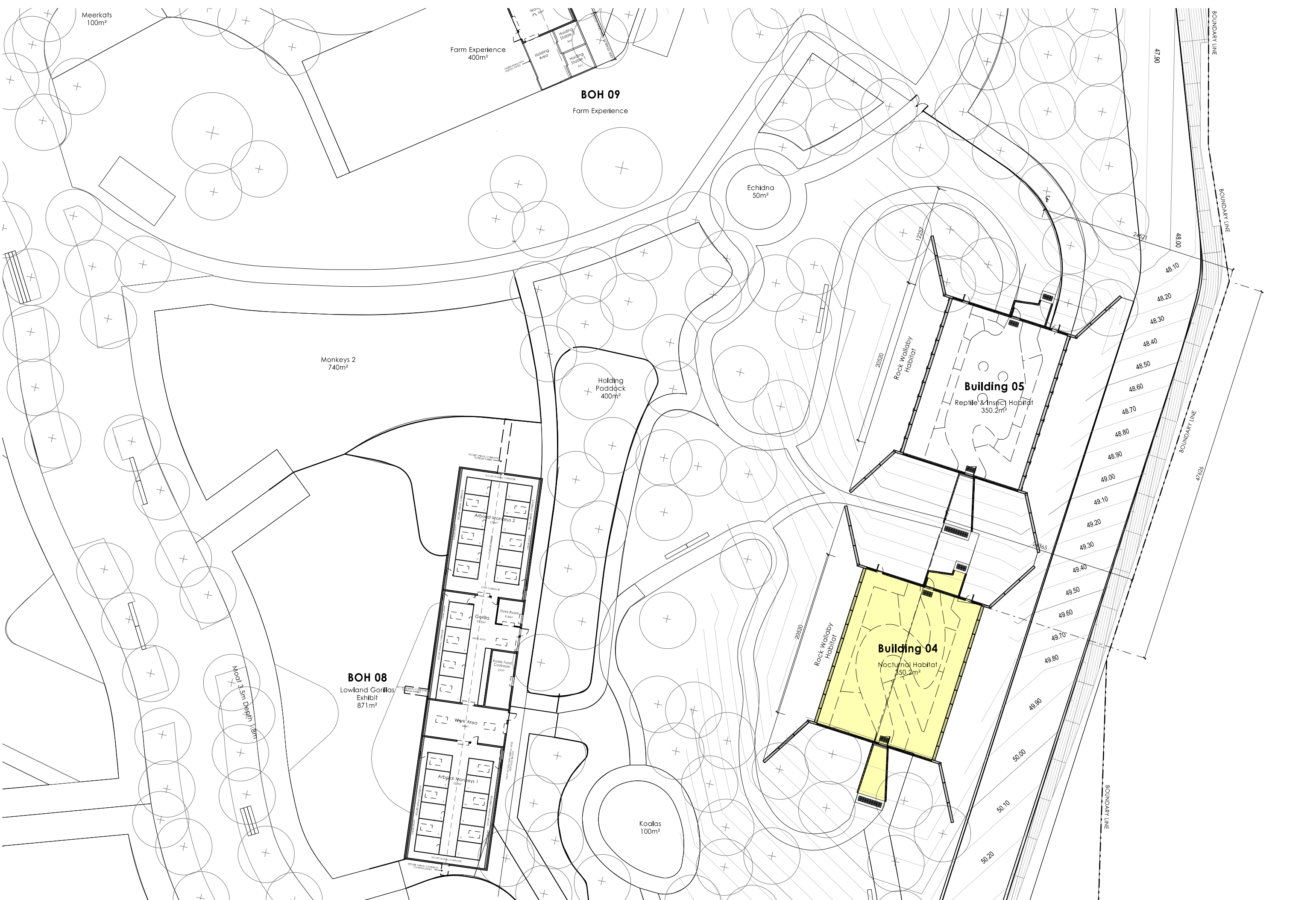
View 2



View 3



View 4



BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeting to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (corten) to be sheeted over the walls and roof, internally and externally.

BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.

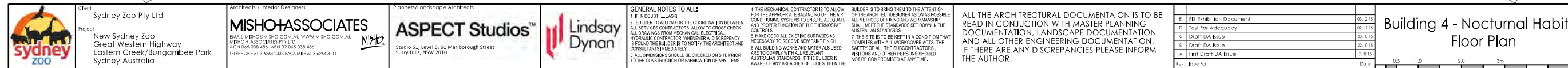
BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
(Black paint finish)

BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.

BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.

BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.

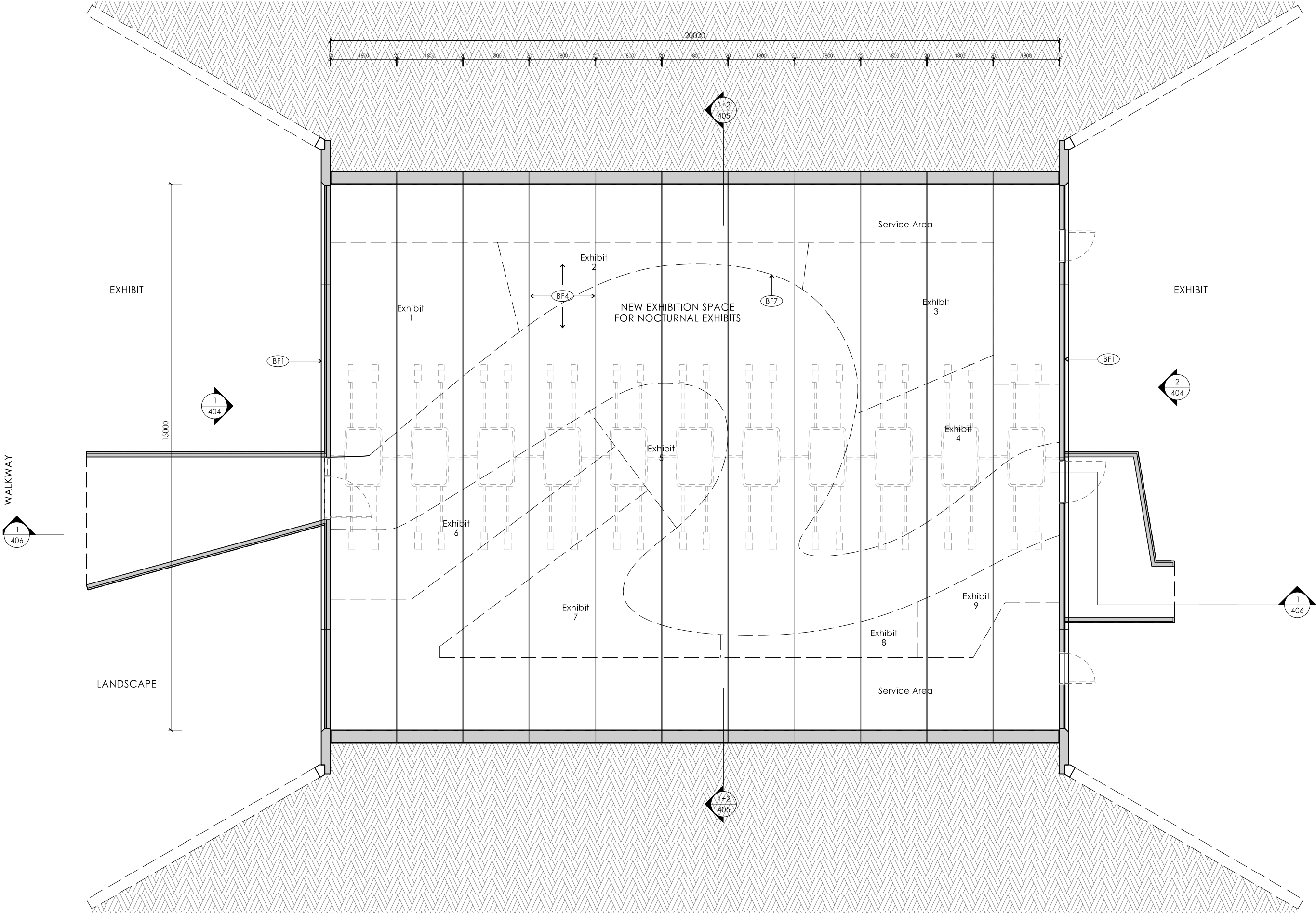
BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



Building 4 - Nocturnal Habitat
Floor Plan

Building Material Notes:

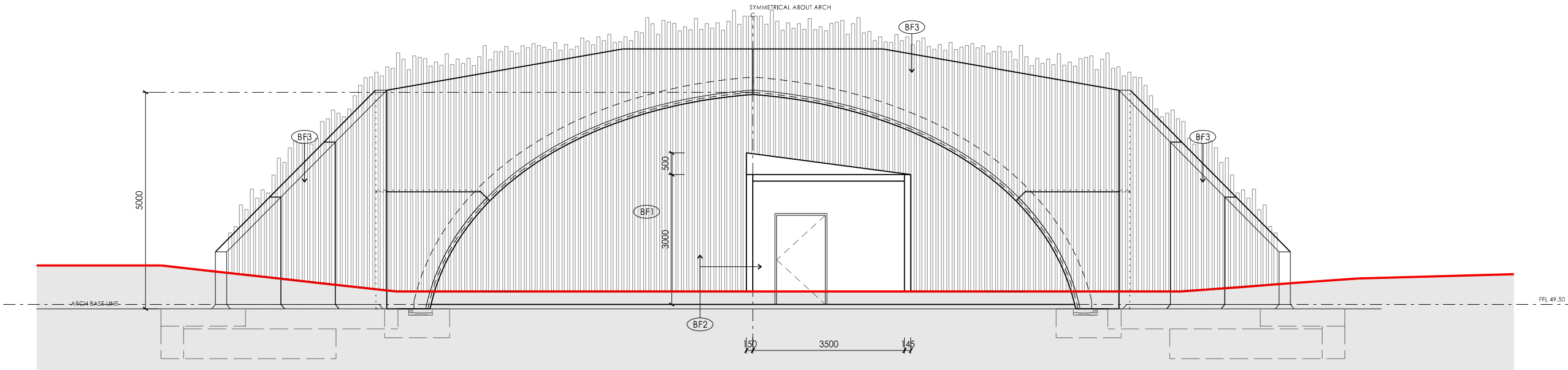
- BF1 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6mm plywood sheeting to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
- Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed is Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeting to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (cortena)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



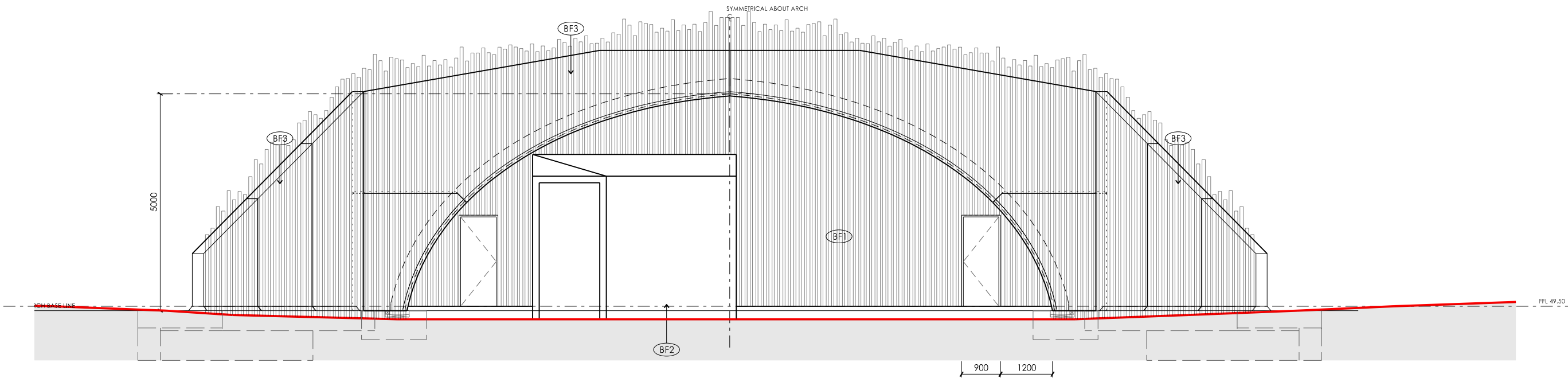


Building Material Notes:

- BF1 92mm steel stud wall framing full height with 100mm thick Bradford insulation batts (R 2.5) in all wall cavities. Allow for 6mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
- Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed is Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (corten)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



1 Elevation
Scale 1:50



2 Elevation
Scale 1:50



Client
Sydney Zoo Pty Ltd

Project
New Sydney Zoo
Great Western Highway
Eastern Creek/Bungambee Park
Sydney Australia

Architects / Interior Designers
MISHO+ASSOCIATES
EMAIL: MISHO@MISHO.COM.AU WWW.MISHO.COM.AU
MISHO + ASSOCIATES PTY LTD
ACN 045 038 486 ABN 32 045 038 486
TELEPHONE 61 3 6264 2337 FACSIMILE 61 3 6264 3111

Planners/Landscape Architects
ASPECT Studios™
Studio 61, Level 6, 61 Marlborough Street
Surry Hills, NSW 2010



GENERAL NOTES TO ALL:
1. IF IN DOUBTASK!!
2. BUILDER TO ALLOW FOR THE COORDINATION BETWEEN ALL SERVICES CONTRACTORS. ALLOW TO CROSS CHECK ALL DRAWINGS FROM MECHANICAL, ELECTRICAL, HYDRAULIC CONTRACTOR. WHENEVER A DISCREPANCY IS FOUND THE BUILDER IS TO NOTIFY THE ARCHITECT AND CONSULTANTS IMMEDIATELY.
3. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OR FABRICATION OF ANY ITEMS.

4. THE MECHANICAL CONTRACTOR IS TO ALLOW FOR THE APPROPRIATE BALANCING OF THE AIR CONDITIONING SYSTEMS TO ENSURE ADEQUATE AND PROPER FUNCTION OF THE THERMOSTAT CONTROLS.
5. MAKE GOOD ALL FINISHING SURFACES AS NECESSARY TO RECEIVE NEW PAINT FINISH.
6. ALL BUILDING WORKS AND MATERIALS USED ARE TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS. IF THE BUILDER IS AWARE OF ANY BREACHES OF CODES, THEN THE

BUILDER IS TO BRING THEM TO THE ATTENTION OF THE ARCHITECT/ENGINEER AS ON AS POSSIBLE. ALL METHODS OF FIXING AND WORKMANSHIP SHALL MEET THE STANDARDS SET DOWN IN THE AUSTRALIAN STANDARDS.
7. THE SITE IS TO BE KEPT IN A CONDITION THAT COMBINES WITH ALL WORKCOVER ACTS, THE SAFETY OF ALL THE SUBCONTRACTORS, VISITORS AND OTHER PERSONS SHOULD NOT BE COMPROMISED AT ANY TIME.

ALL THE ARCHITECTURAL DOCUMENTAION IS TO BE READ IN CONJUNCTION WITH MASTER PLANNING DOCUMENTATION, LANDSCAPE DOCUMENTATION AND ALL OTHER ENGINEERING DOCUMENTATION. IF THERE ARE ANY DISCREPANCIES PLEASE INFORM THE AUTHOR.

E	B/S Exhibition Document	03.12.15
D	Test For Adequacy	02.11.15
C	Draft DA Issue	30.10.15
B	Draft DA Issue	22.10.15
A	First Draft DA Issue	9.10.15
Rev.	Issue For	Date

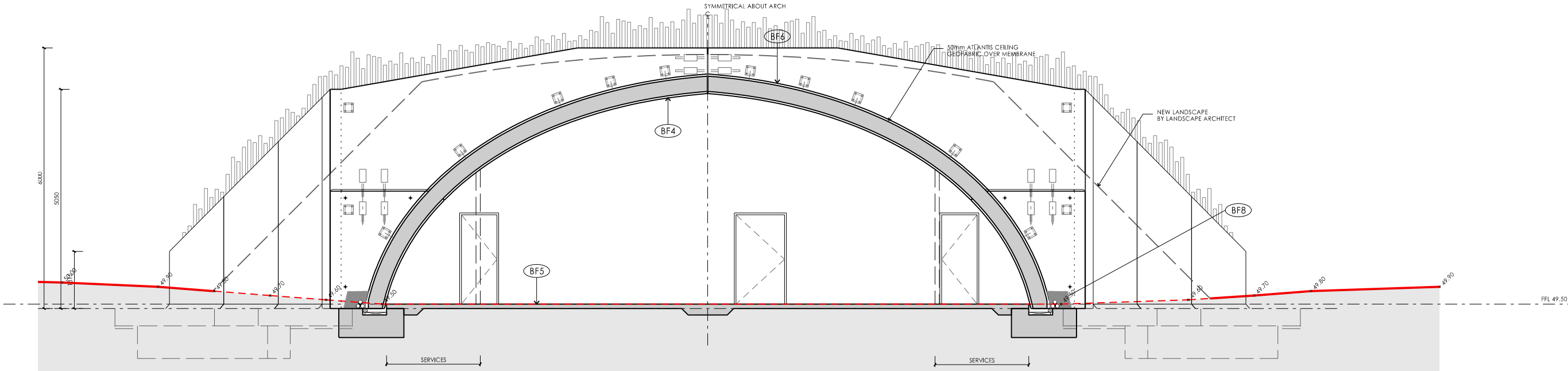
Building 4 - Nocturnal Habitat
Elevations



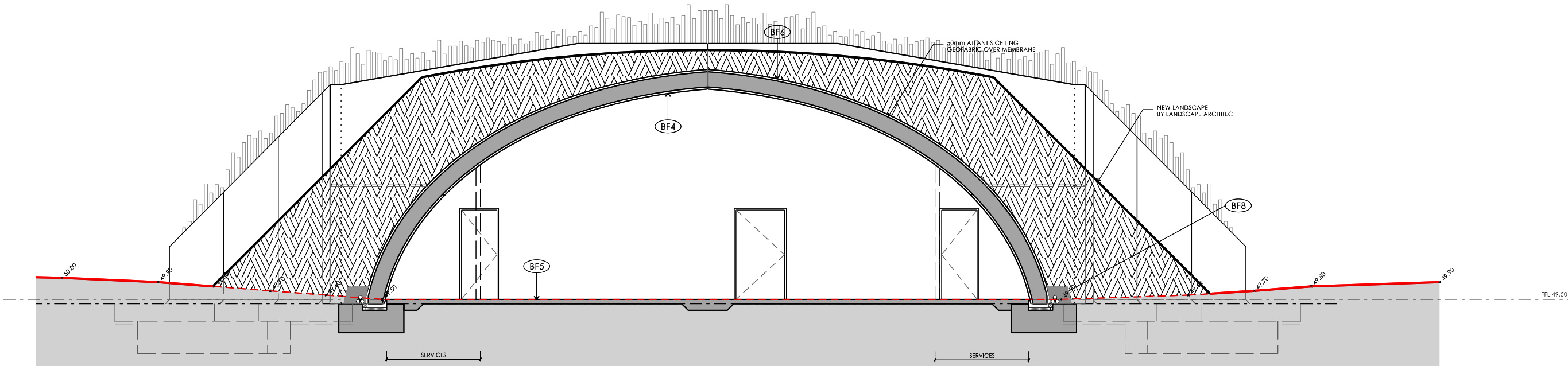
Drawn: JH	Date: October 2015	
Approved: MV	Scale: 1:50 @ A1 1:100 @ A3	
Job No	Number	Issue
15-565	DA. 404	E

Building Material Notes:

- BF1 92mm steel stud wall framing full height with 100mm thick Bradford insulation batts (R 2.5) in all wall cavities. Allow for 6mm plywood sheeting to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
- Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeting to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (corten)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



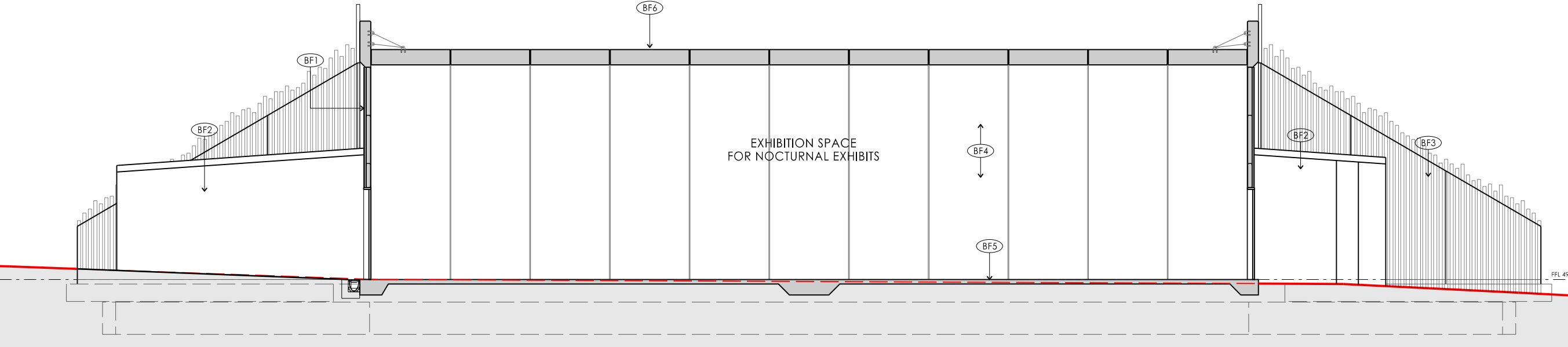
1 Section - Structure
Scale 1:50



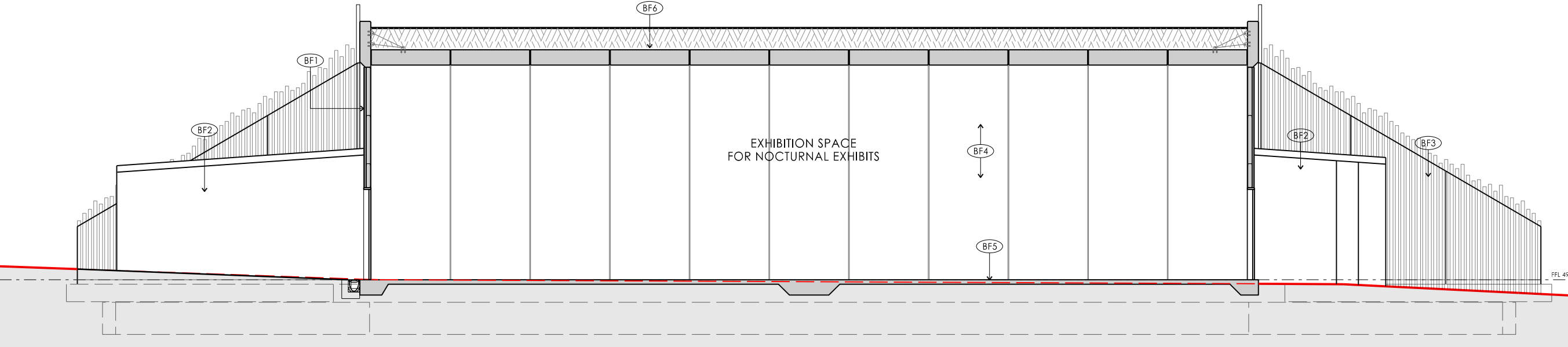
2 Section - Landscaped
Scale 1:50

Building Material Notes:

- BF1 92mm steel stud wall framing full height with 100mm thick Bradford insulation batts (R 2.5) in all wall cavities. Allow for 8mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
- Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed a Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 8 mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (corten)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



1 Section - Structure
Scale 1:50

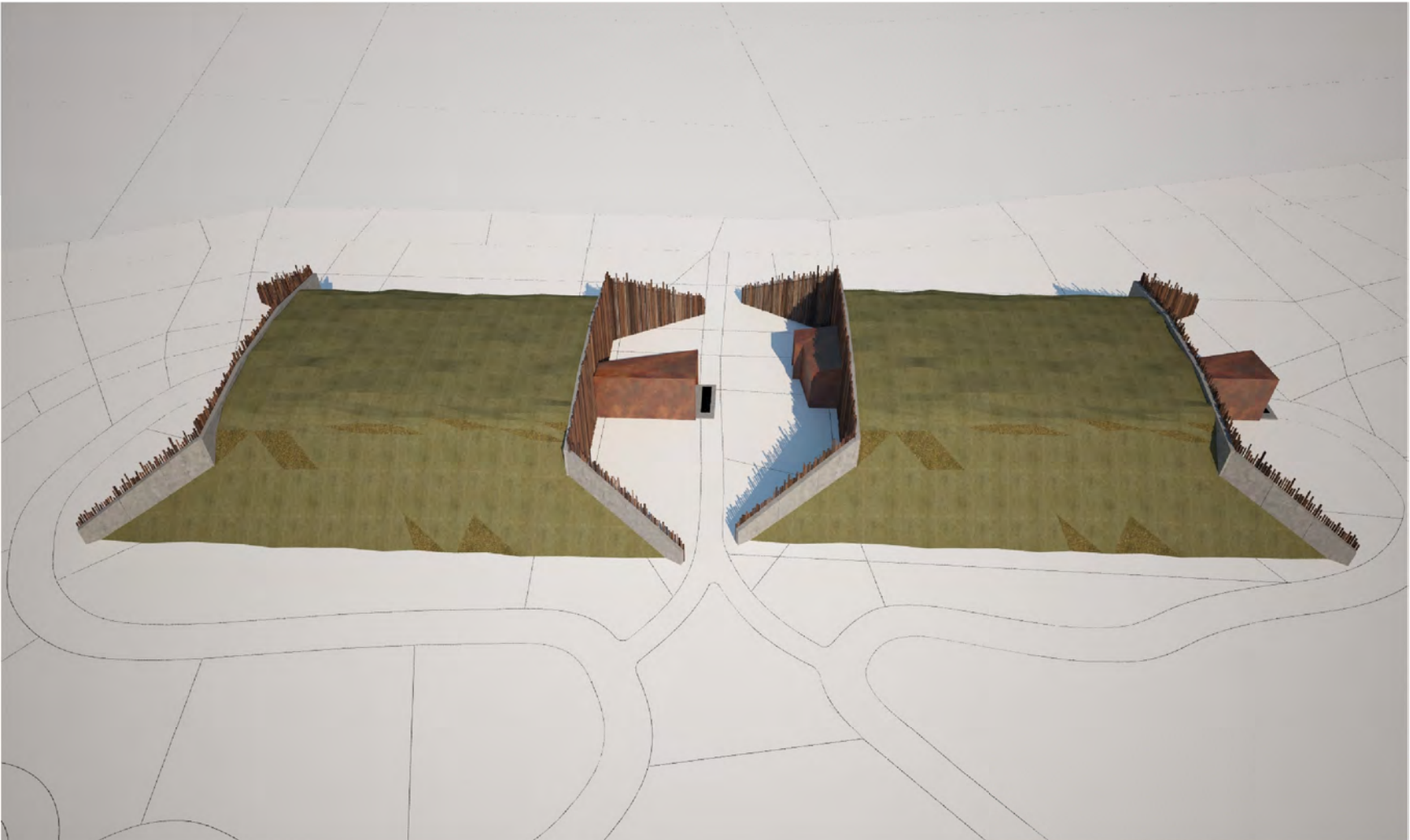


2 Section - Landscape
Scale 1:50



View 1

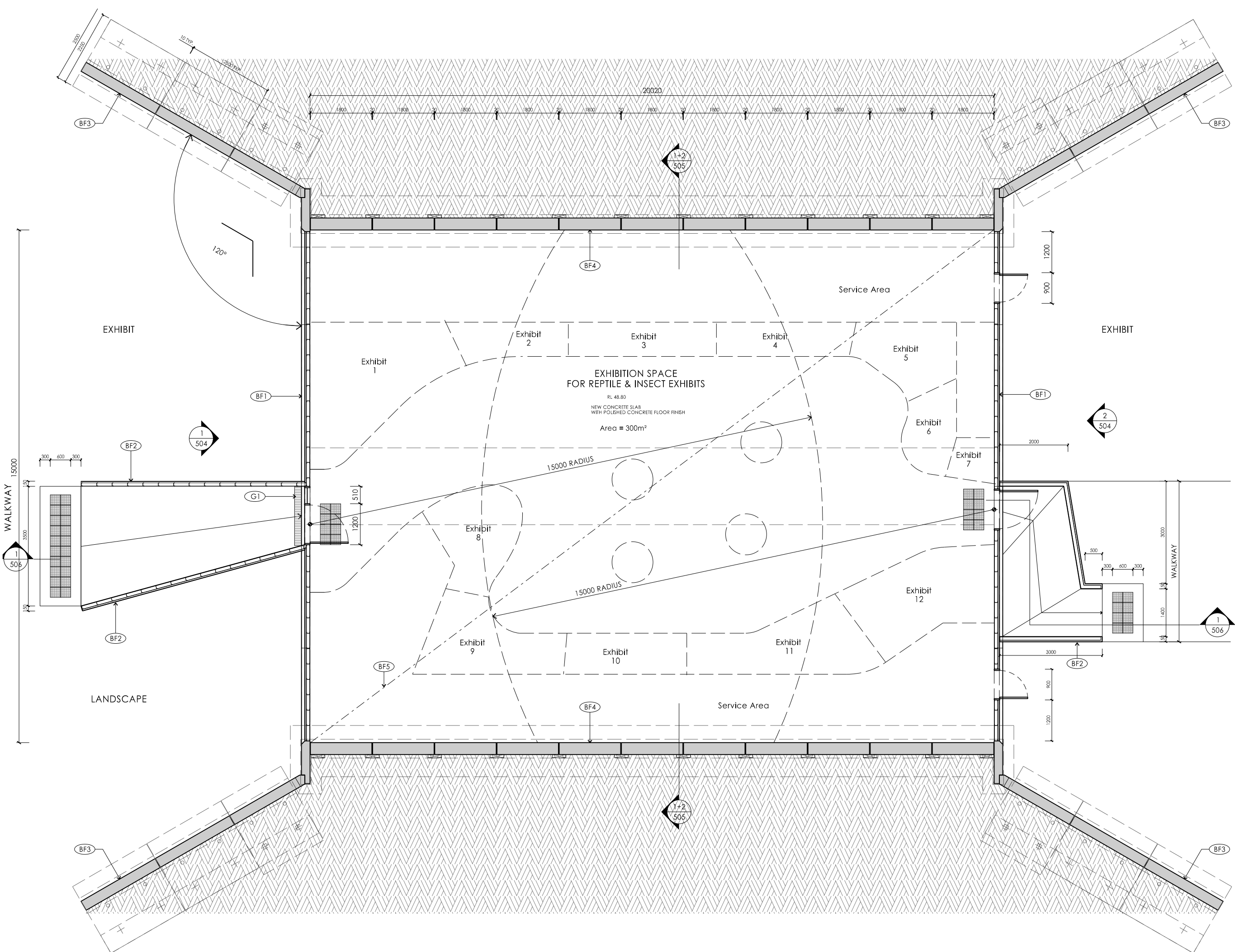
View 2





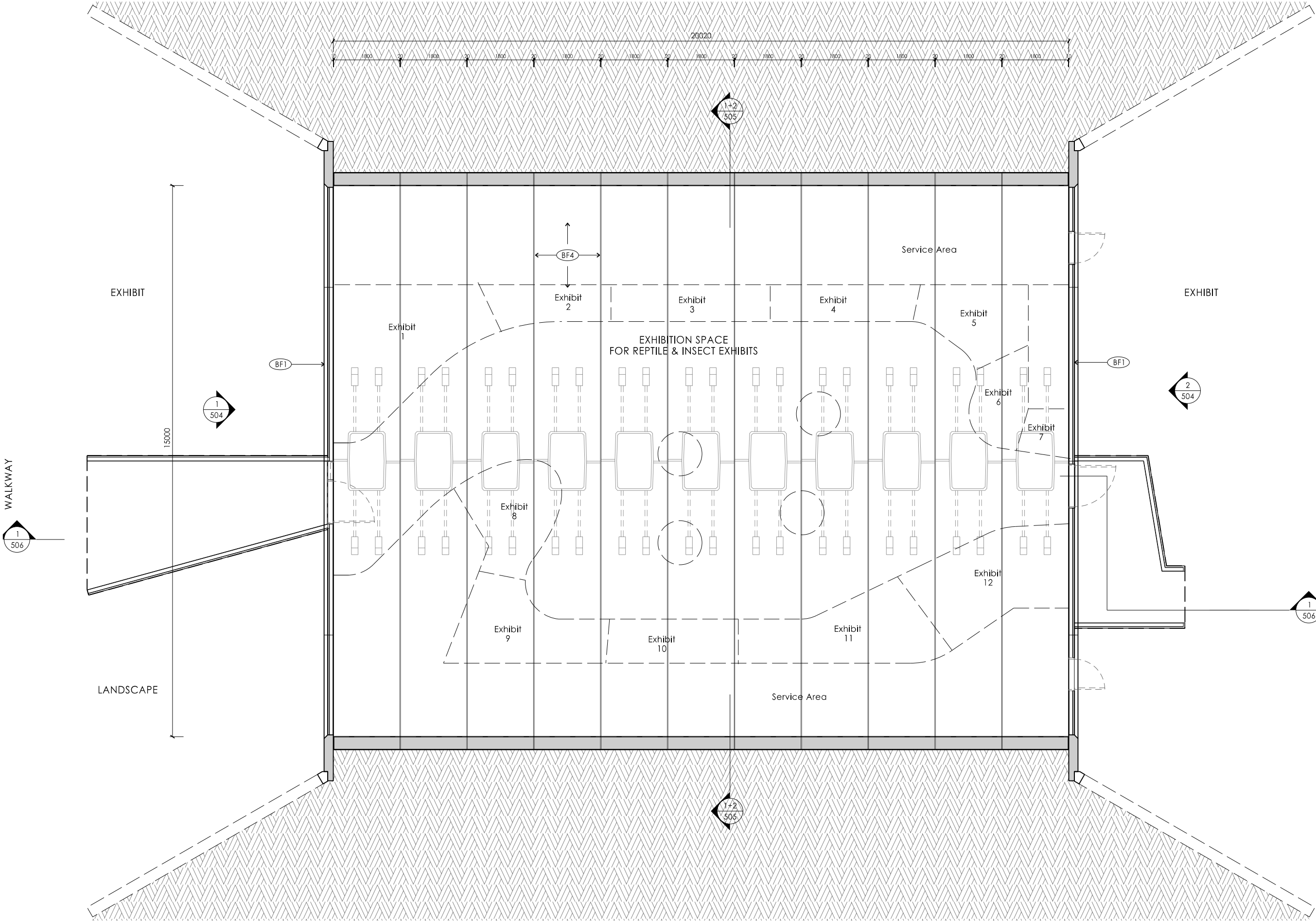
Building Material Notes:

- BF1 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6mm plywood sheeting to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
- Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed is Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeting to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (cortan)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



Building Material Notes:

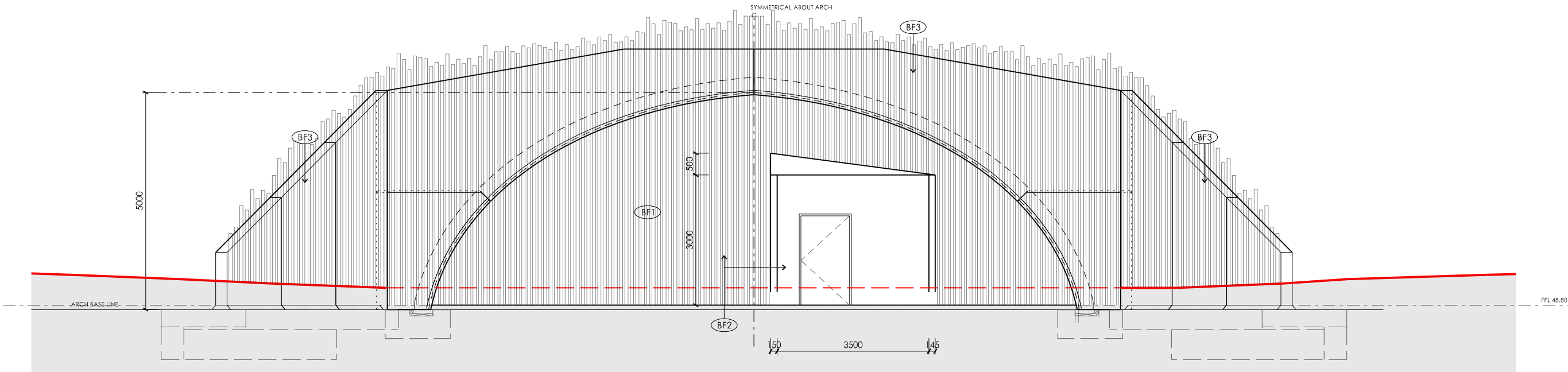
- BF1 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed Enviroseal Protowrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (cortena)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



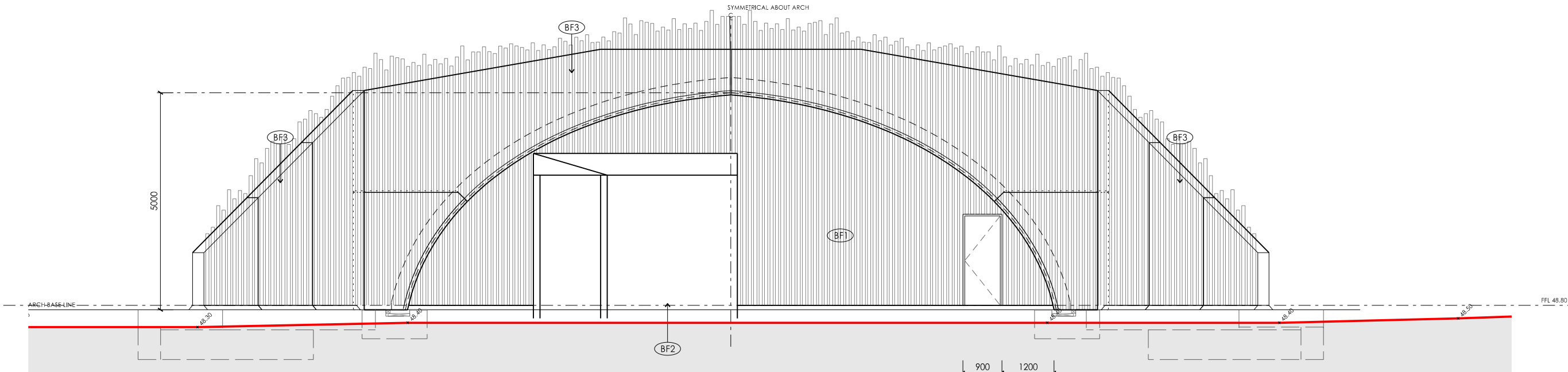


Building Material Notes:

- BF1 92mm steel stud wall framing full height with 100mm thick Bradford insulation batts (R 2.5) in all wall cavities. Allow for 6mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
- Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed is Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (corten)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



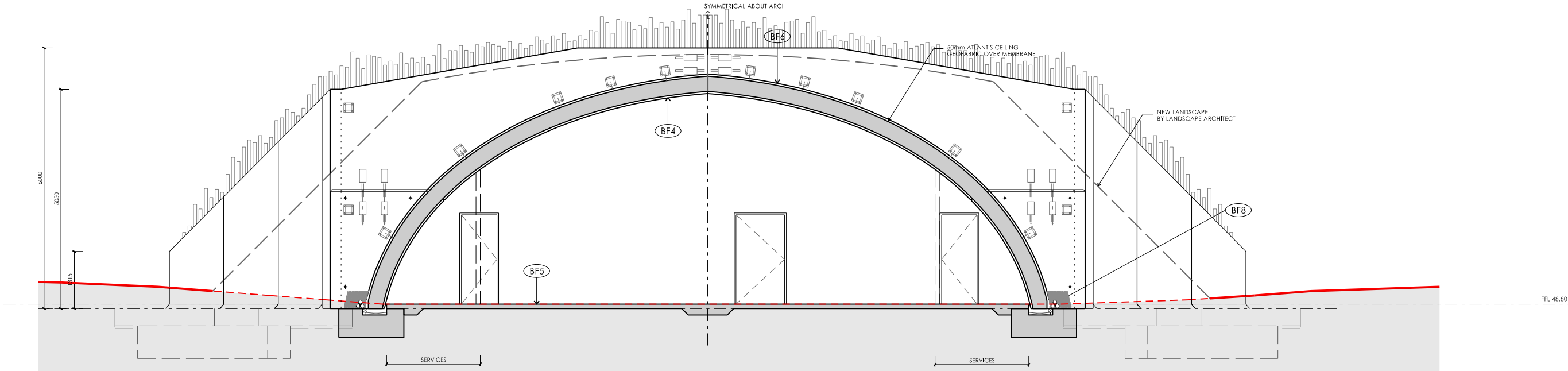
1 Elevation
Scale 1:50



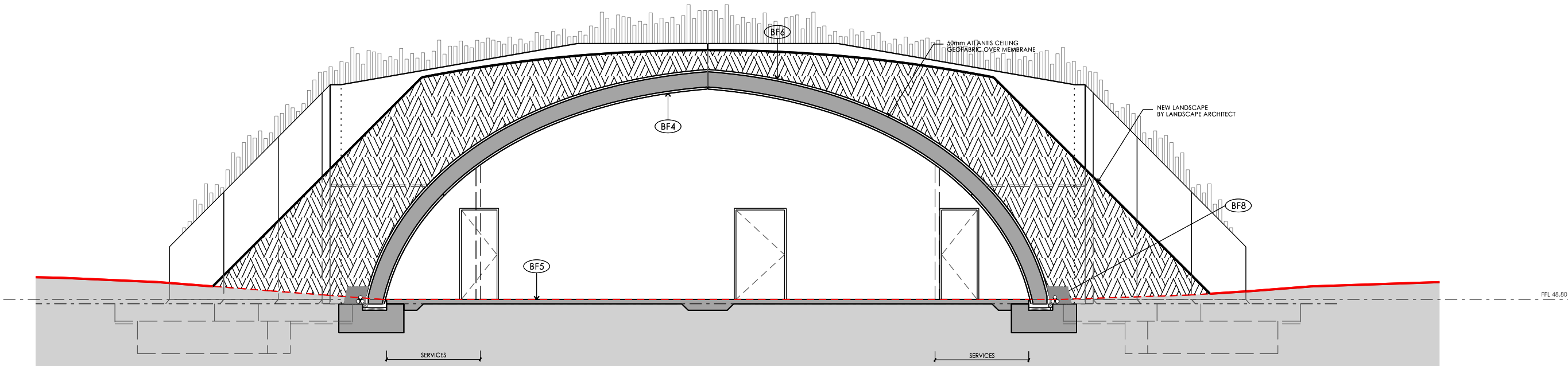
2 Elevation
Scale 1:50

Building Material Notes:

- BF1 92mm steel stud wall framing full height with 100mm thick Bradford insulation batts (R 2.5) in all wall cavities. Allow for 6mm plywood sheeting to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeting to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (corten)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



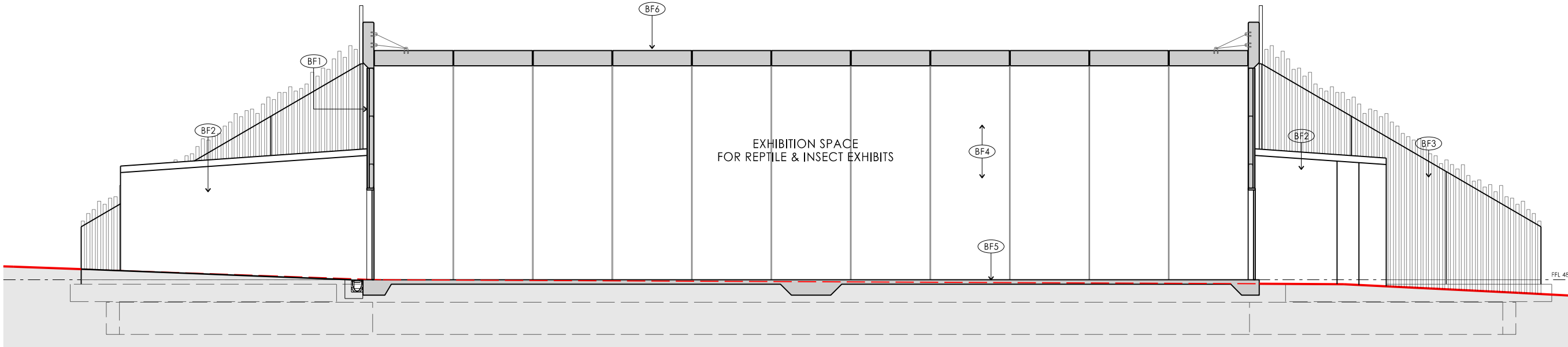
1 Section - Structure
Scale 1:50



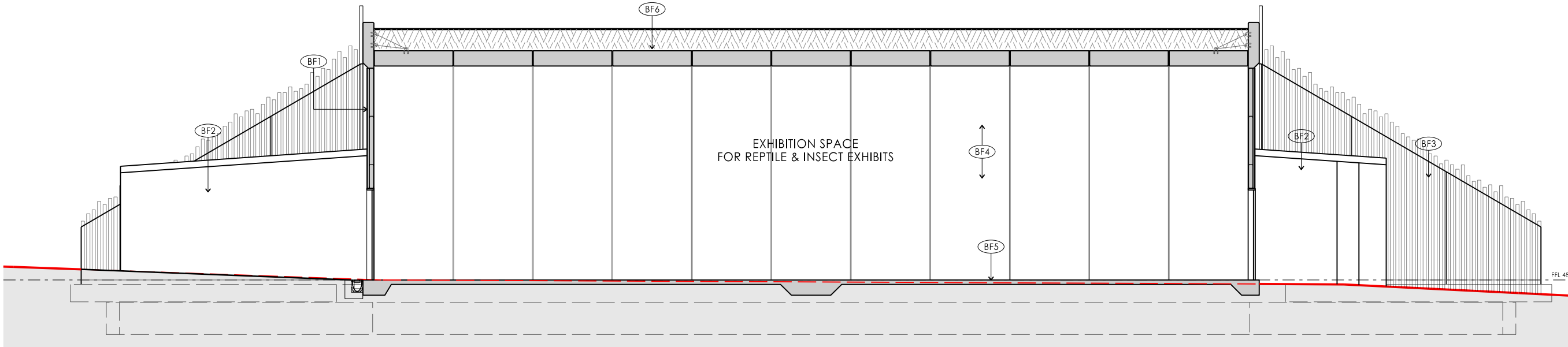
2 Section - Landscaped
Scale 1:50

Building Material Notes:

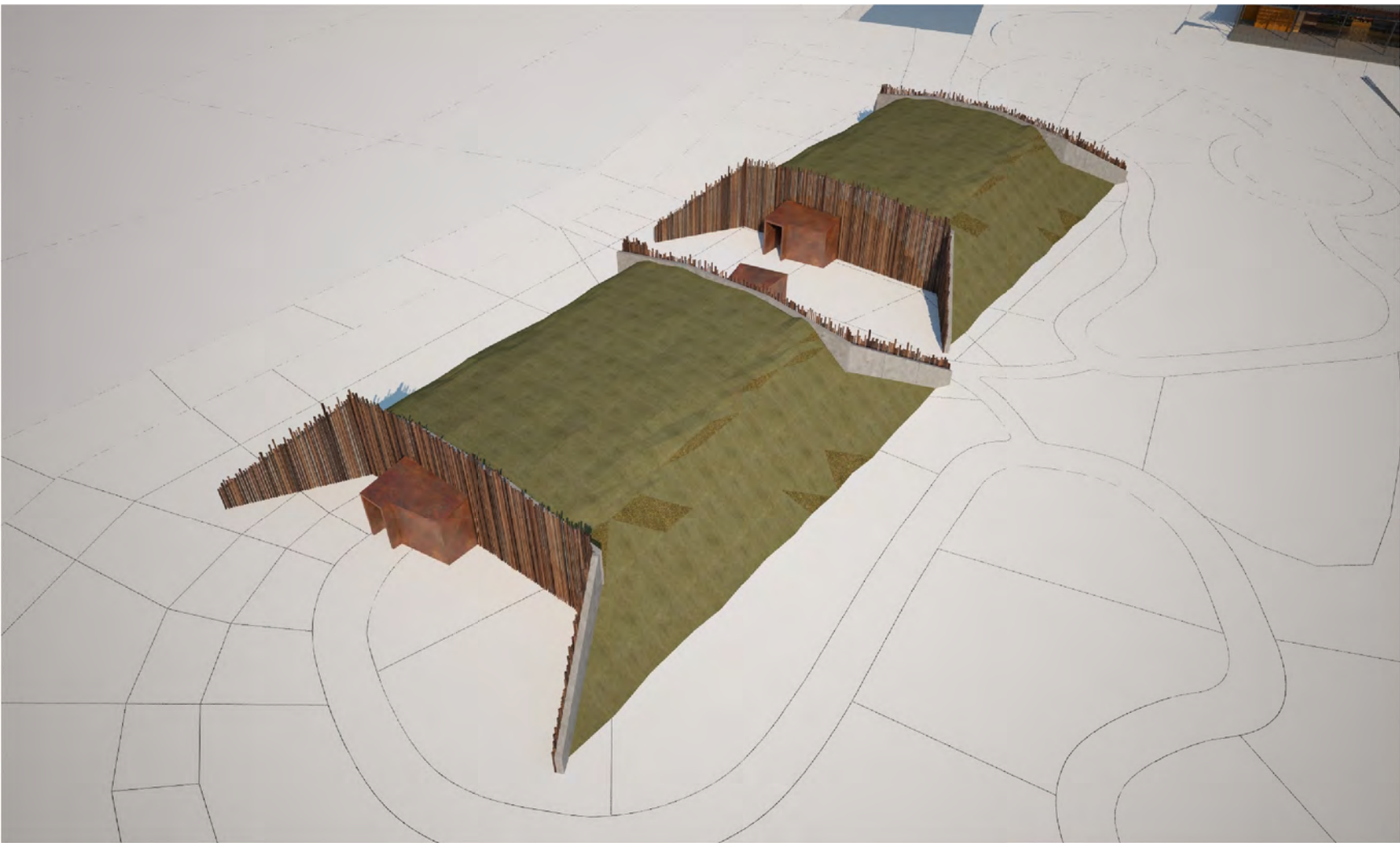
- BF1 92mm steel stud wall framing full height with 100mm thick Bradford insulation batts (R 2.5) in all wall cavities. Allow for 8mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
- Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed a Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 8 mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (corten)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



1 Section - Structure
Scale 1:50

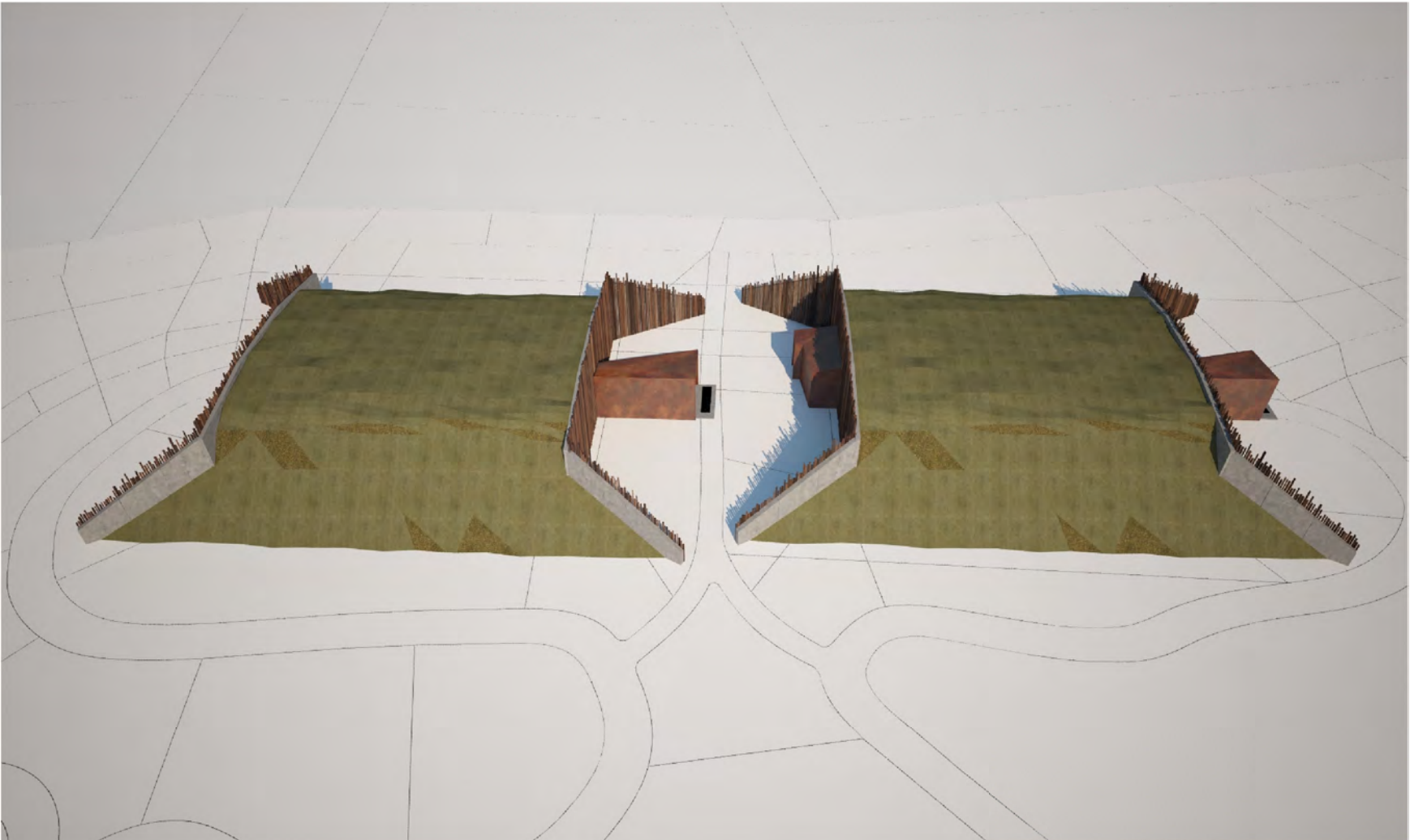


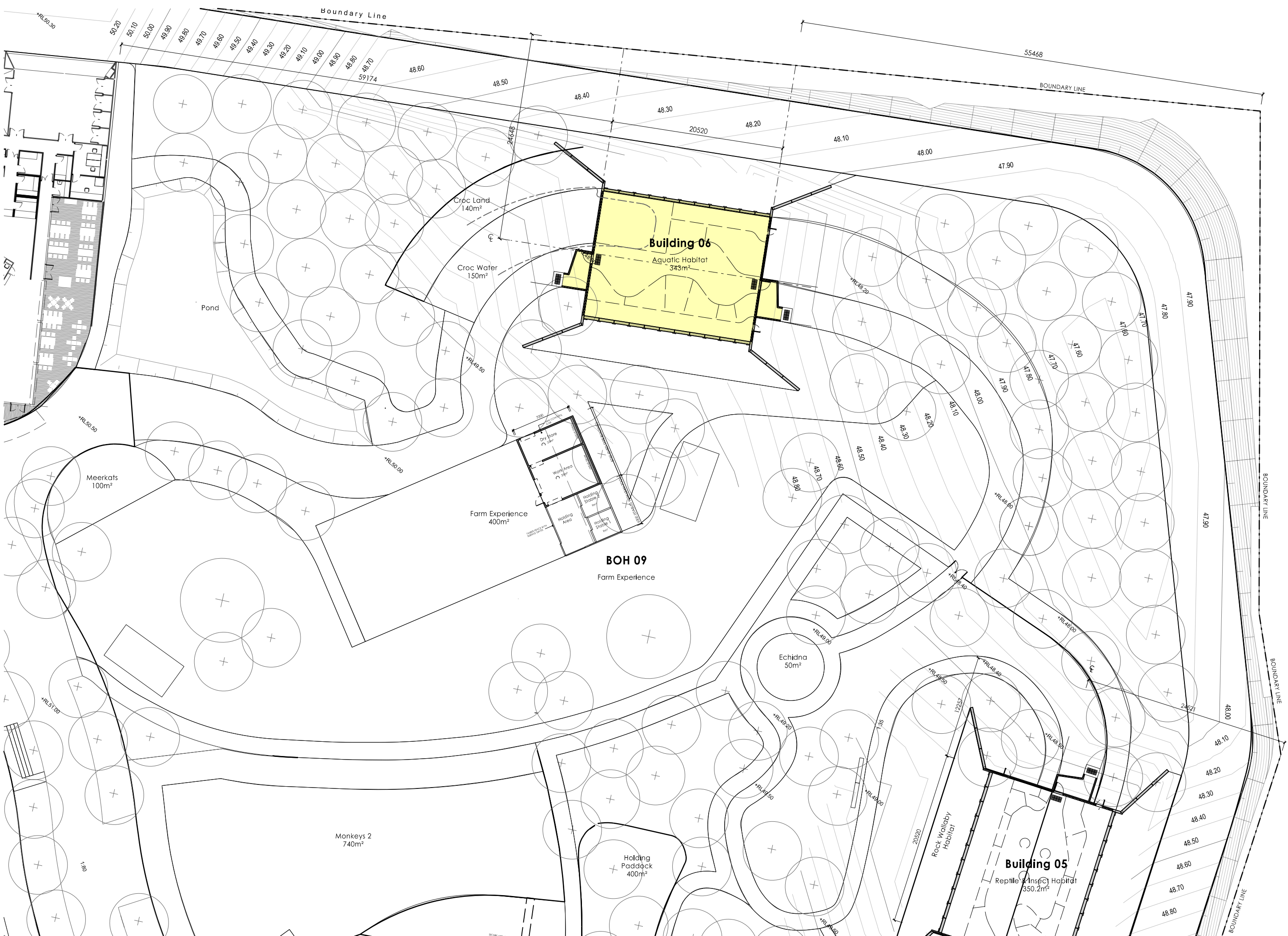
2 Section - Landscape
Scale 1:50



View 1

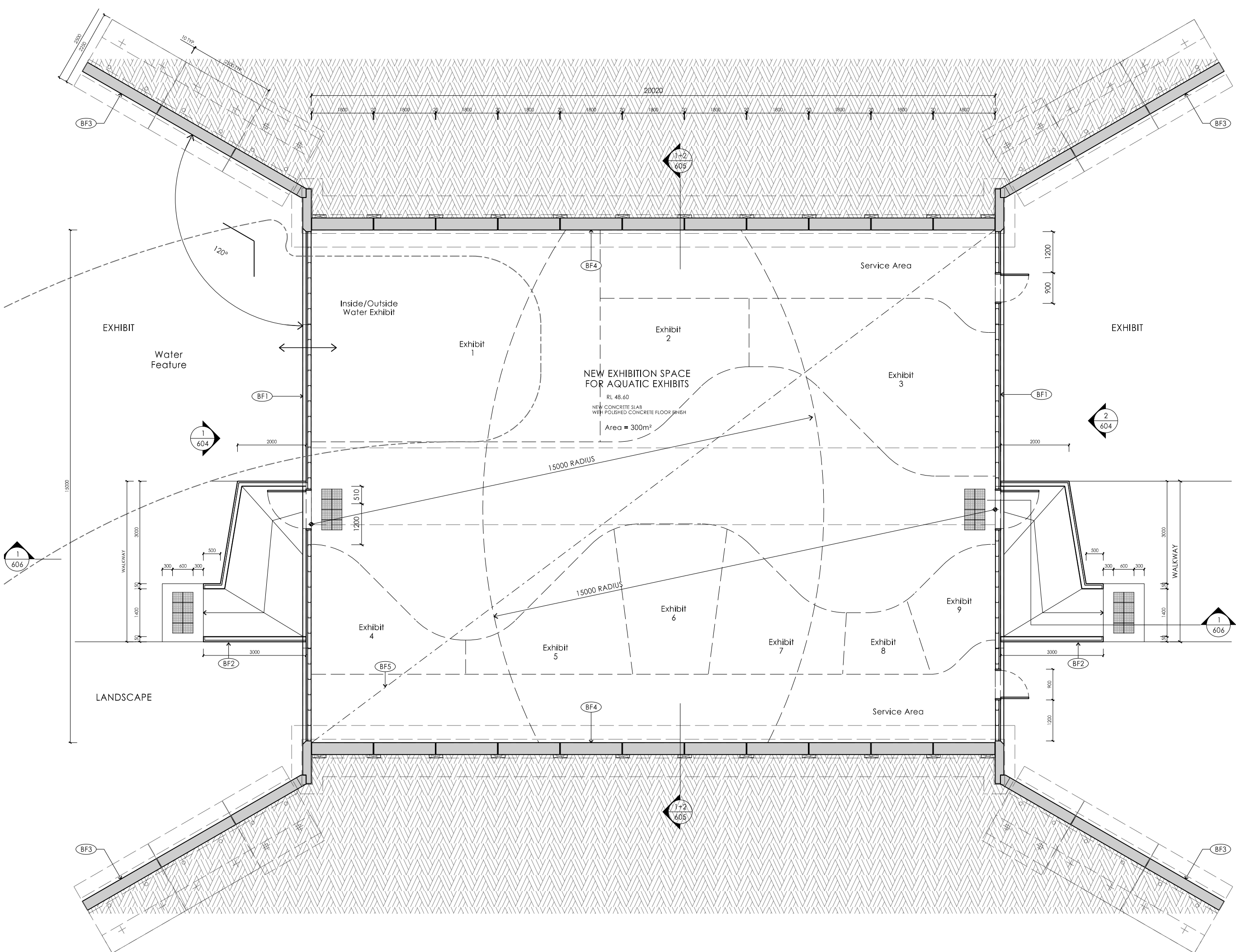
View 2





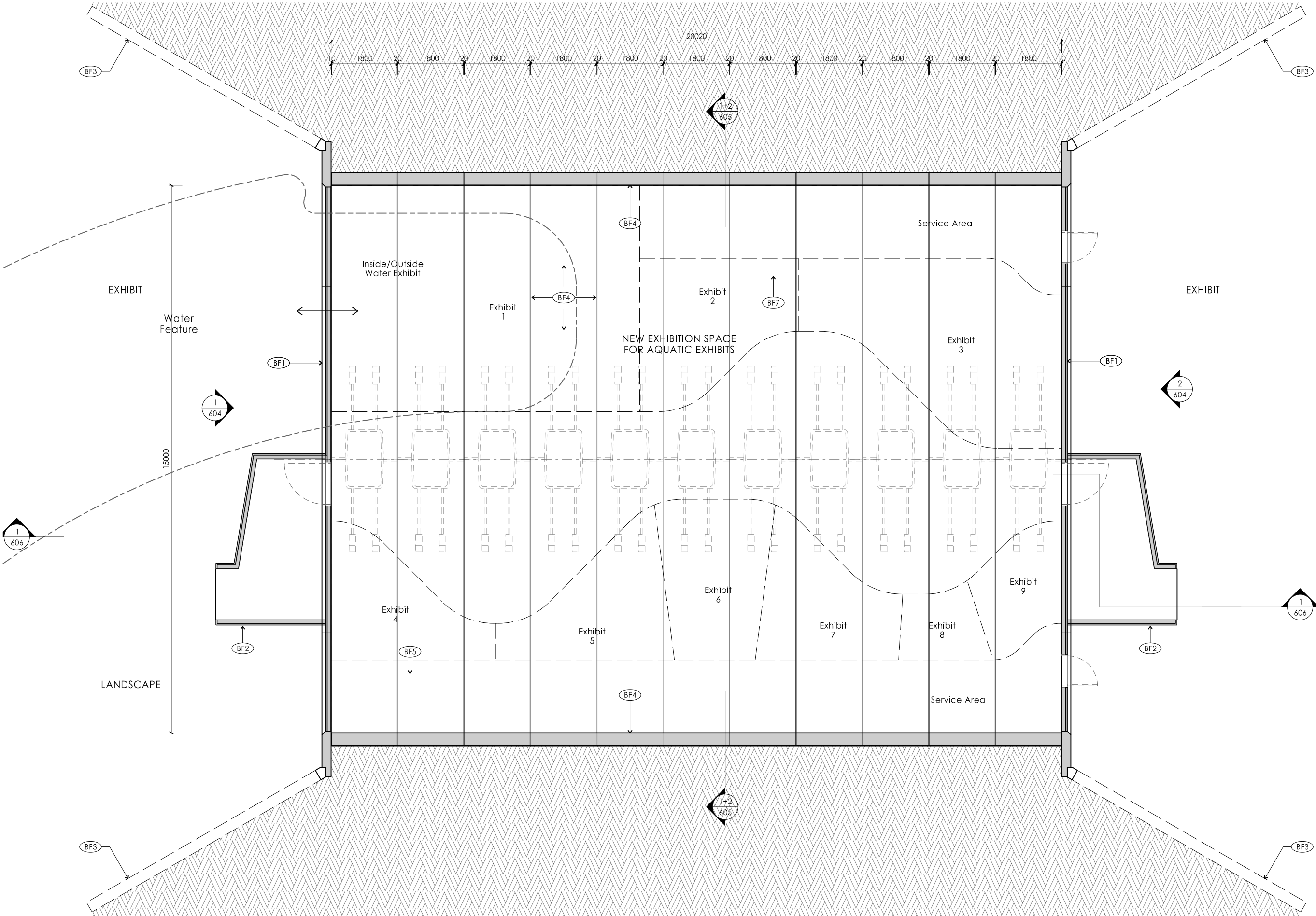
Building Material Notes:

- BF1 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
- Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed is Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (cortena)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



Building Material Notes:

- BF1 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed is Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (cortena)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.

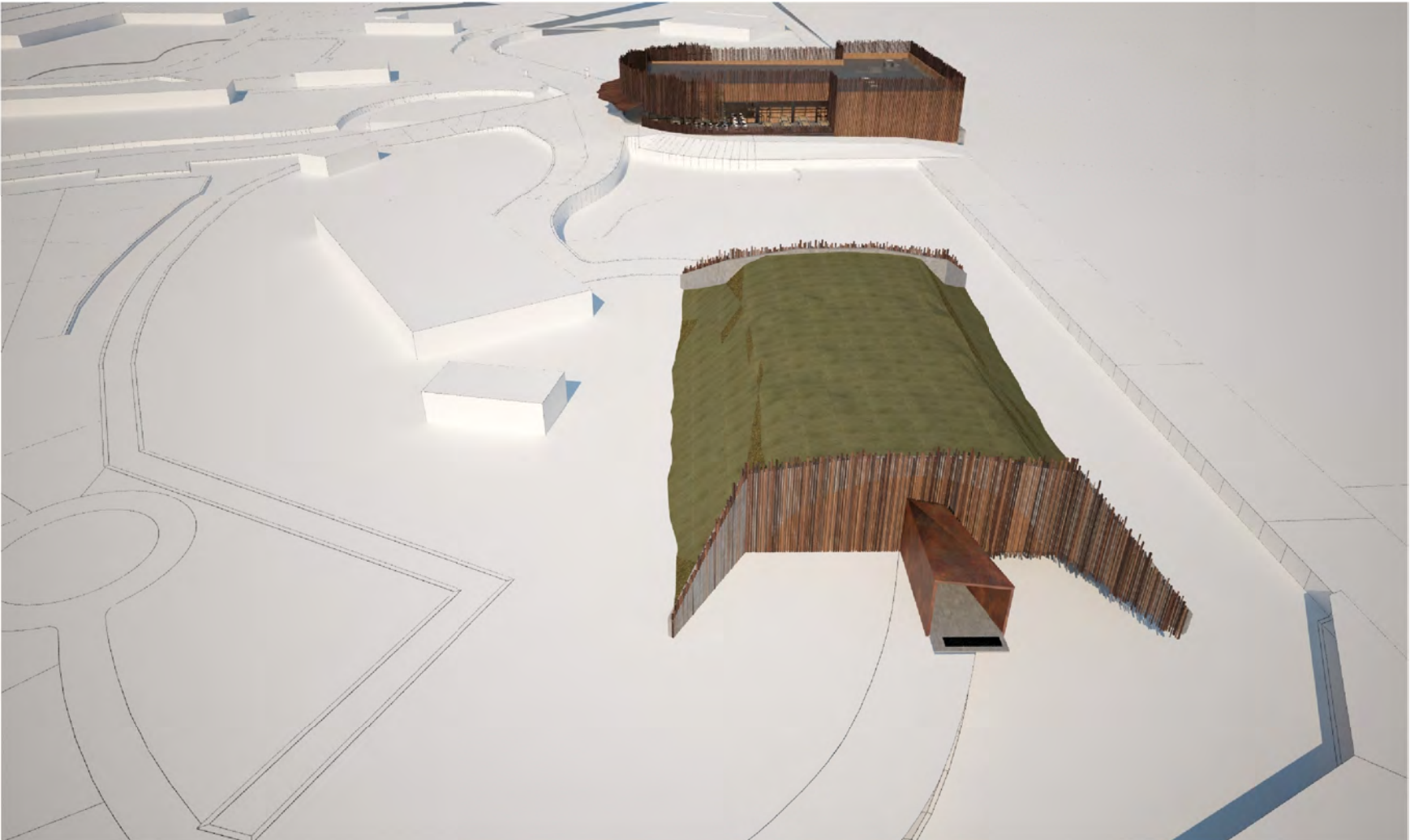




View 1

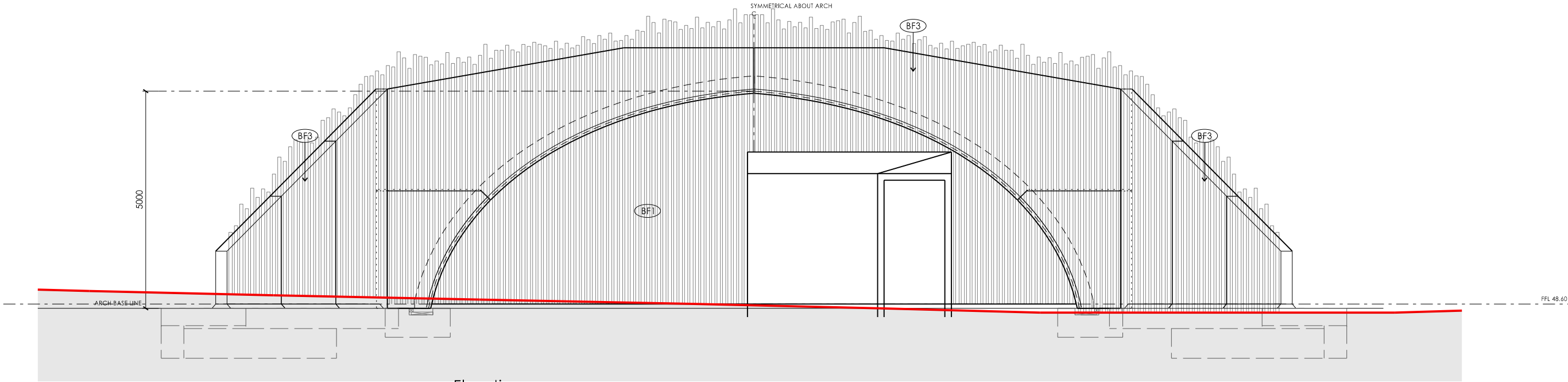


View 2

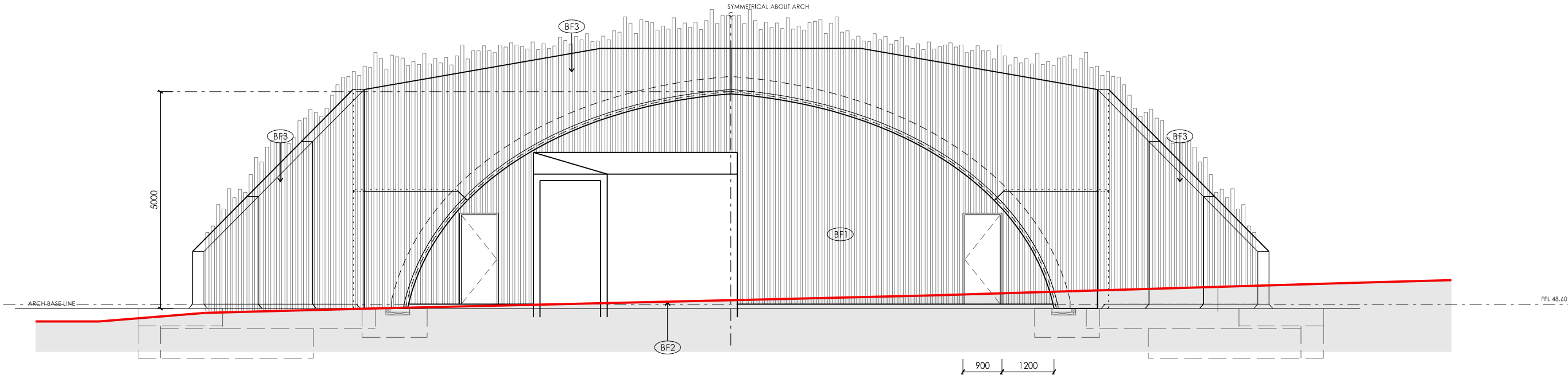


Building Material Notes:

- BF1 92mm steel stud wall framing full height with 100mm thick Bradford insulation batts (R 2.5) in all wall cavities. Allow for 6mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
- Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed is Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (corten)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



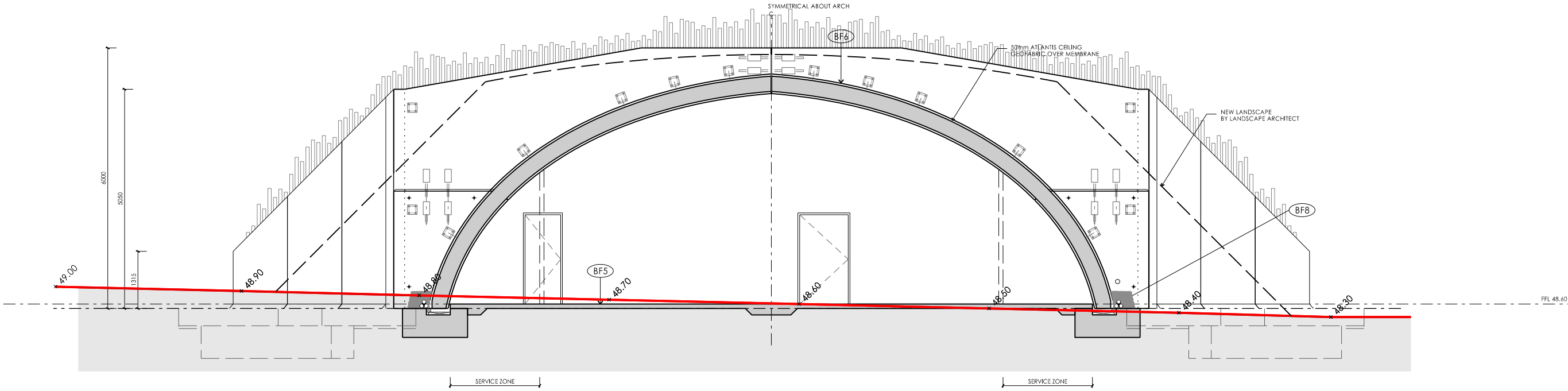
1 Elevation
Scale 1:50



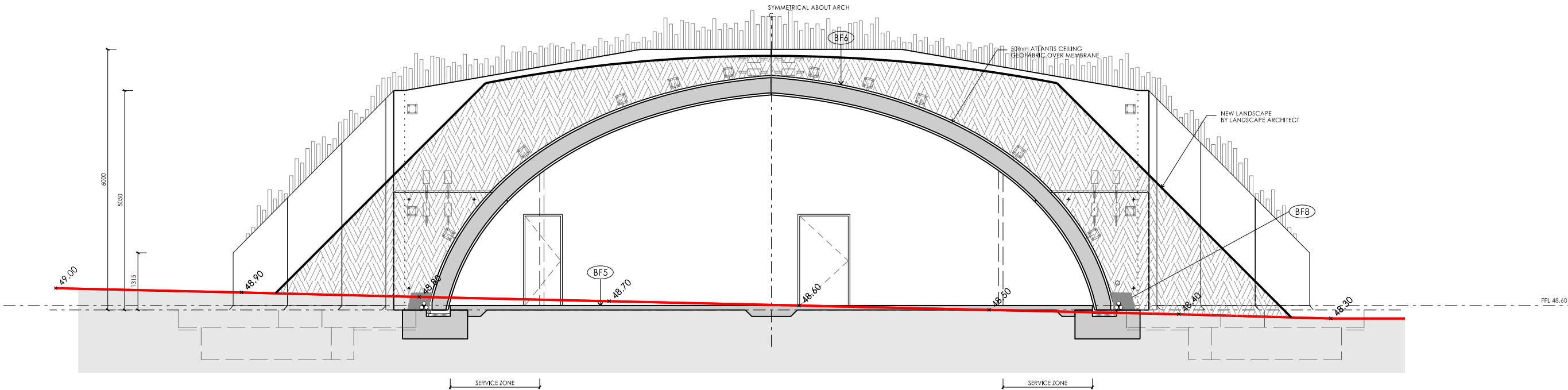
2 Elevation
Scale 1:50

Building Material Notes:

- BF1 92mm steel stud wall framing full height with 100mm thick Bradford insulation batts (R 2.5) in all wall cavities. Allow for 6mm plywood sheeting to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
- Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed is Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeting to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (corten)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.



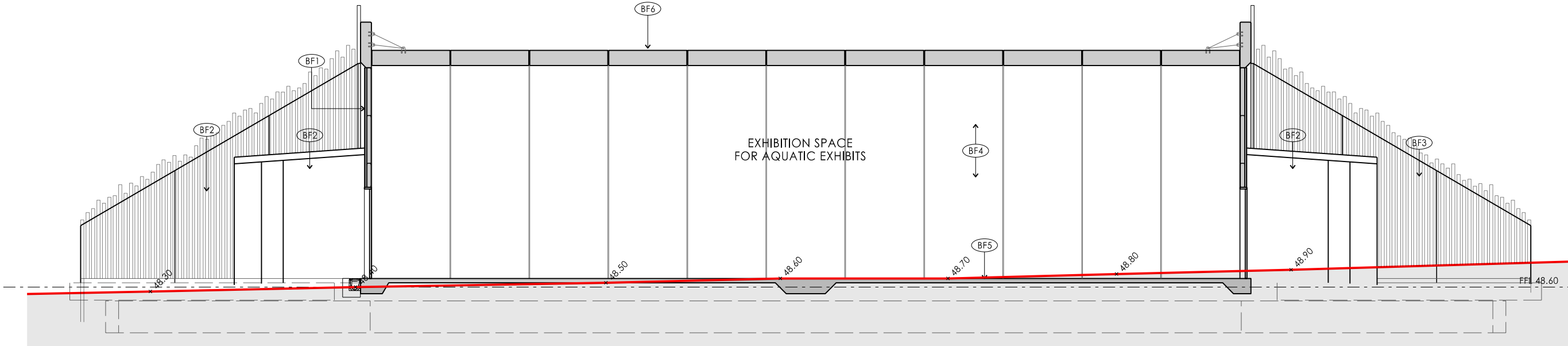
1 Section - Structure
Scale 1:50



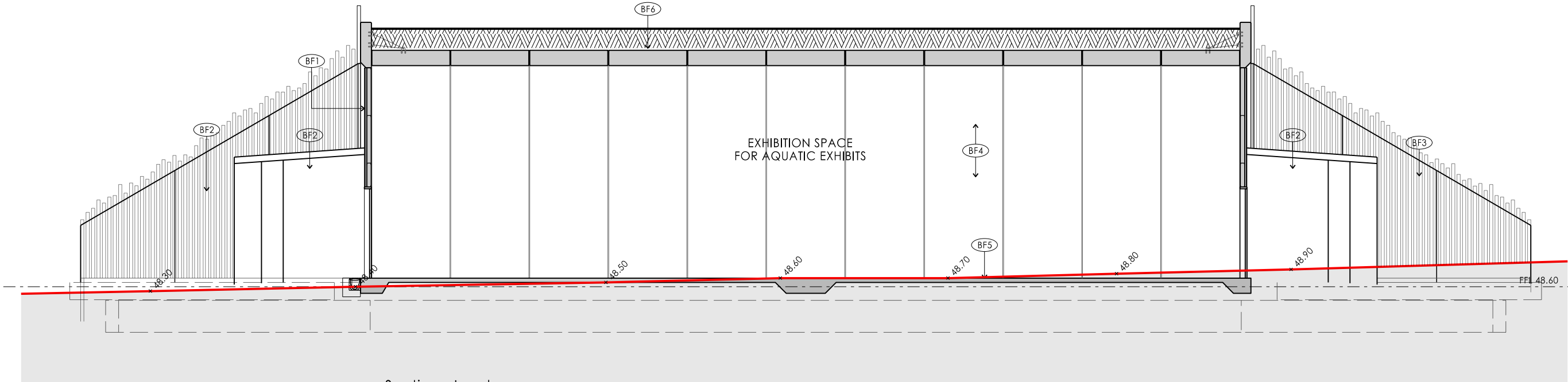
2 Section - Landscaped
Scale 1:50

Building Material Notes:

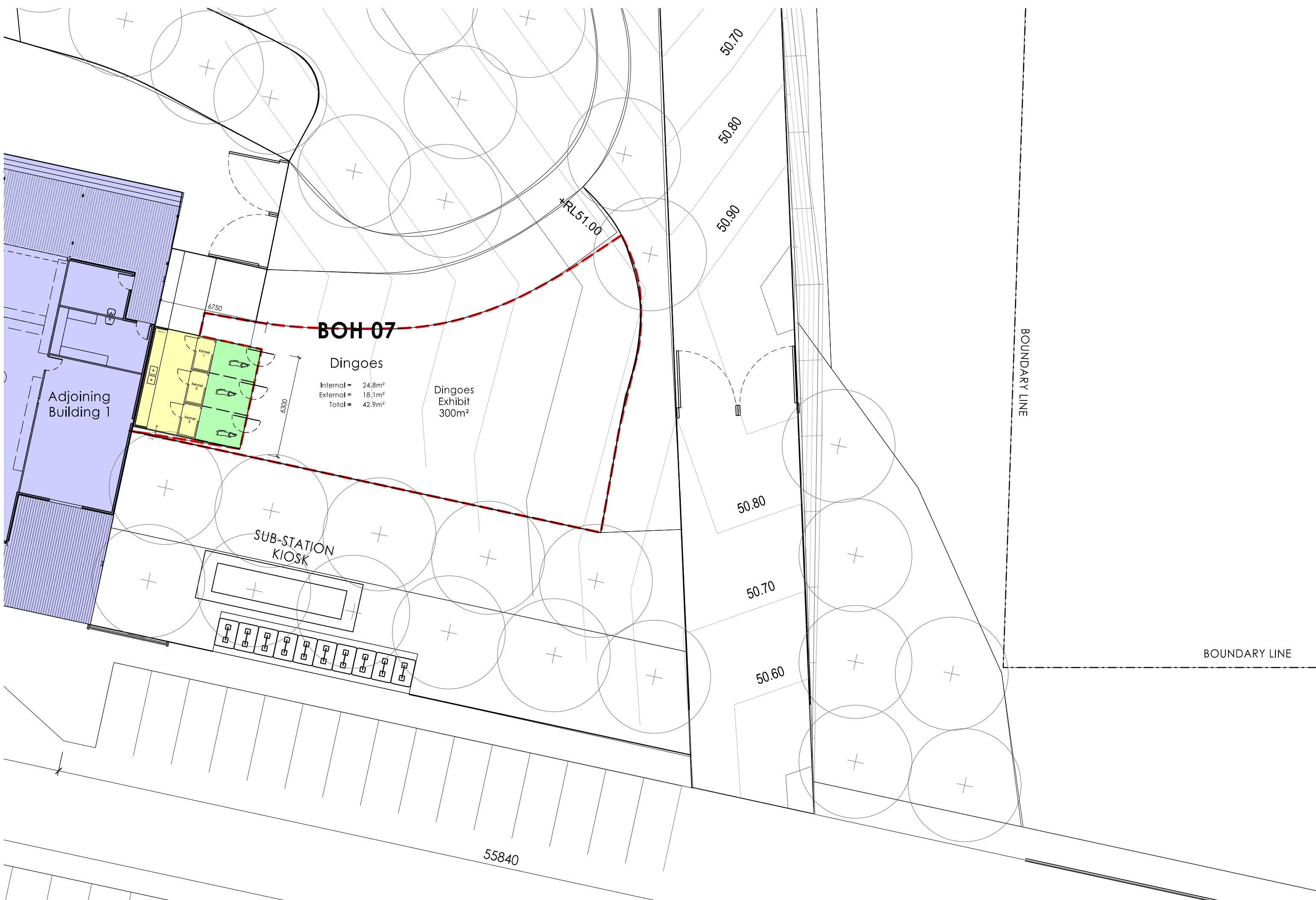
- BF1 92mm steel stud wall framing full height with 100mm thick Bradford insulation batts (R 2.5) in all wall cavities. Allow for 8mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 9 mm plasterboard to be sheeted over the walls. Allow for all joints to be taped, set and sanded ready for undercoat and two topcoats of paint.
- Externally new wall sheeting is to be to custom orb. Installed in accordance with manufactures instructions. Allow for BMT 0.60. W1 to have 20 mm foam board screw fixed to the purlins. Over the face of the foam board is to be placed is Enviroseal ProtolWrap wall membrane. The wall is framed with top hat sections at a maximum spacing of 600 mm centres.
- BF2 92mm steel stud wall framing full height with 100mm thick Bradford Insulation batts (R 2.5) in all wall cavities. Allow for 6 mm plywood sheeling to entire surface of walls to both sides of wall. Allow for 1.5mm metal sheeting (corten)to be sheeted over the walls and roof, internally and externally.
- BF3 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified.
- BF4 New concrete precast panels to be sealed and paint on site with selected paint finish to be specified. (Black paint finish)
- BF5 New concrete slab to have a polished surface with a R11 slip co efficient sealer placed over the concrete.
- BF6 New pre cast concrete shell to have all joints sealed and waterproofed. Allow for the liquid membrane over the external surface. Then a 50 mm Atlantis cell system placed over the entire precast shell. Over the Atlantis cell is placed a geo fabric and then layers of soil and landscape to an approximate minimum depth of 500mm.
- BF7 New exhibit wall the will be a combination of lightweight walls, block works at lower levels where required, glass and acrylic viewing panels of a various sizes and levels.
- BF8 Three new agi lines buried in 20 mm gravel along the entire junction of the precast panels and the ground strip footing and connected to a sump at either end for stormwater water and seepage water to be discharged.

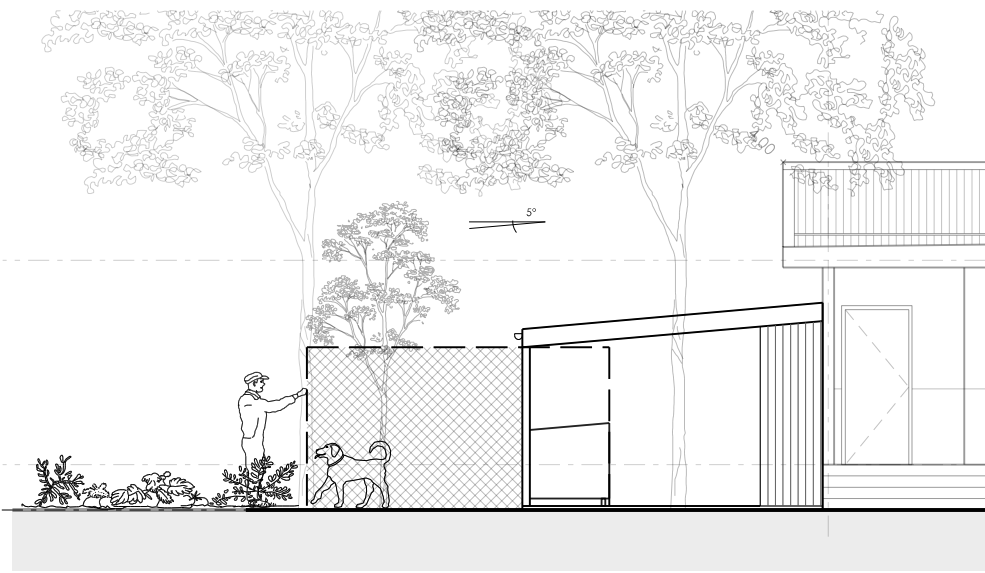


1 Section - Structure
Scale 1:50

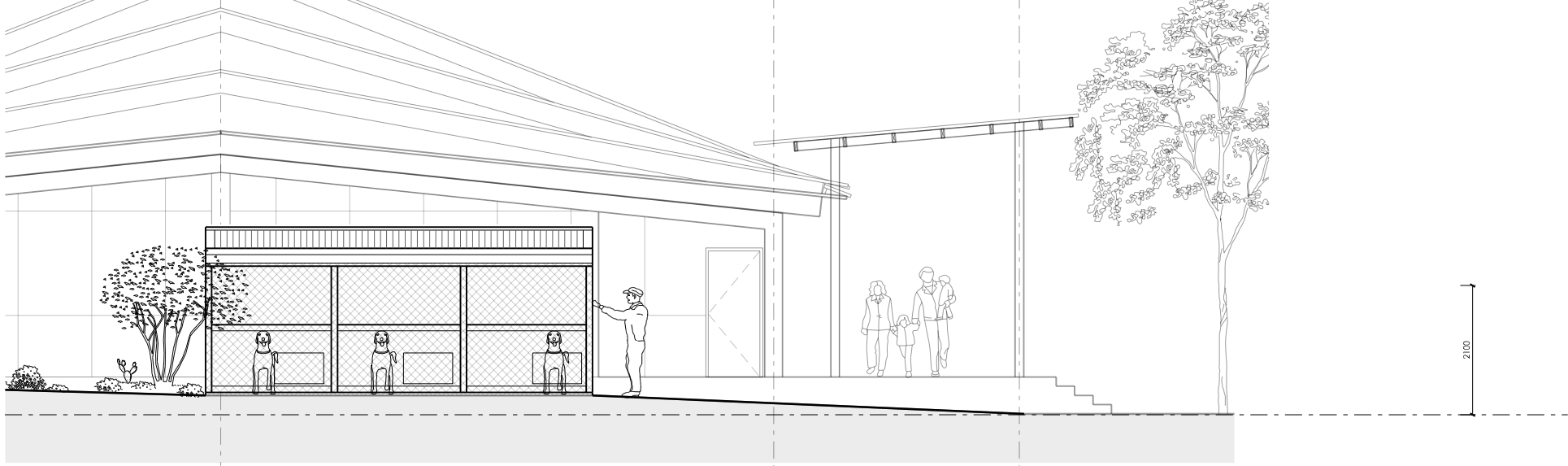


2 Section - Landscape
Scale 1:50

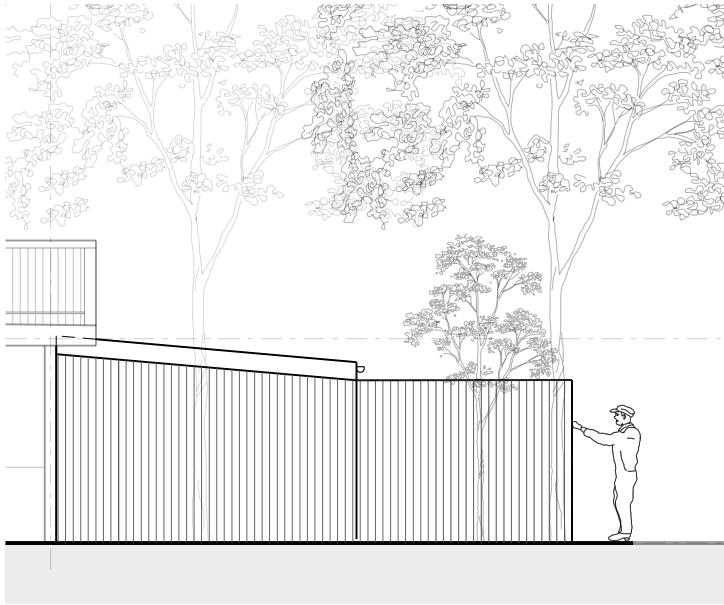




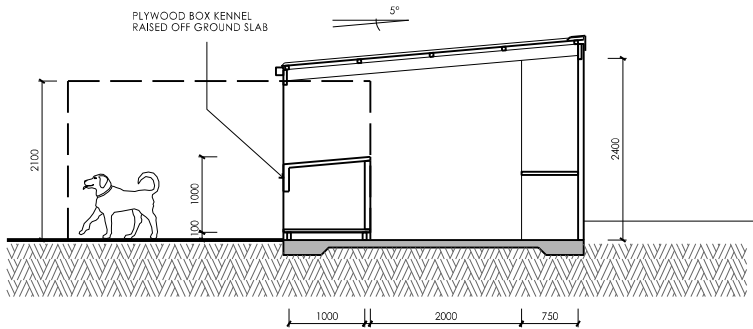
Elevation 1



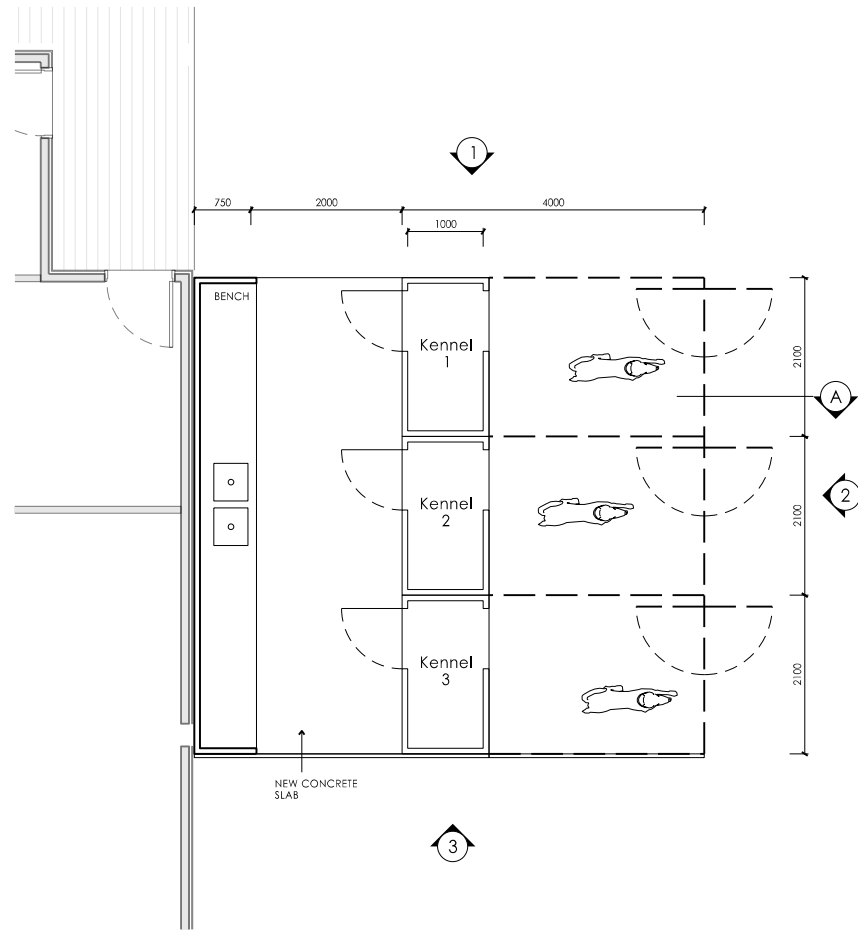
Elevation 2



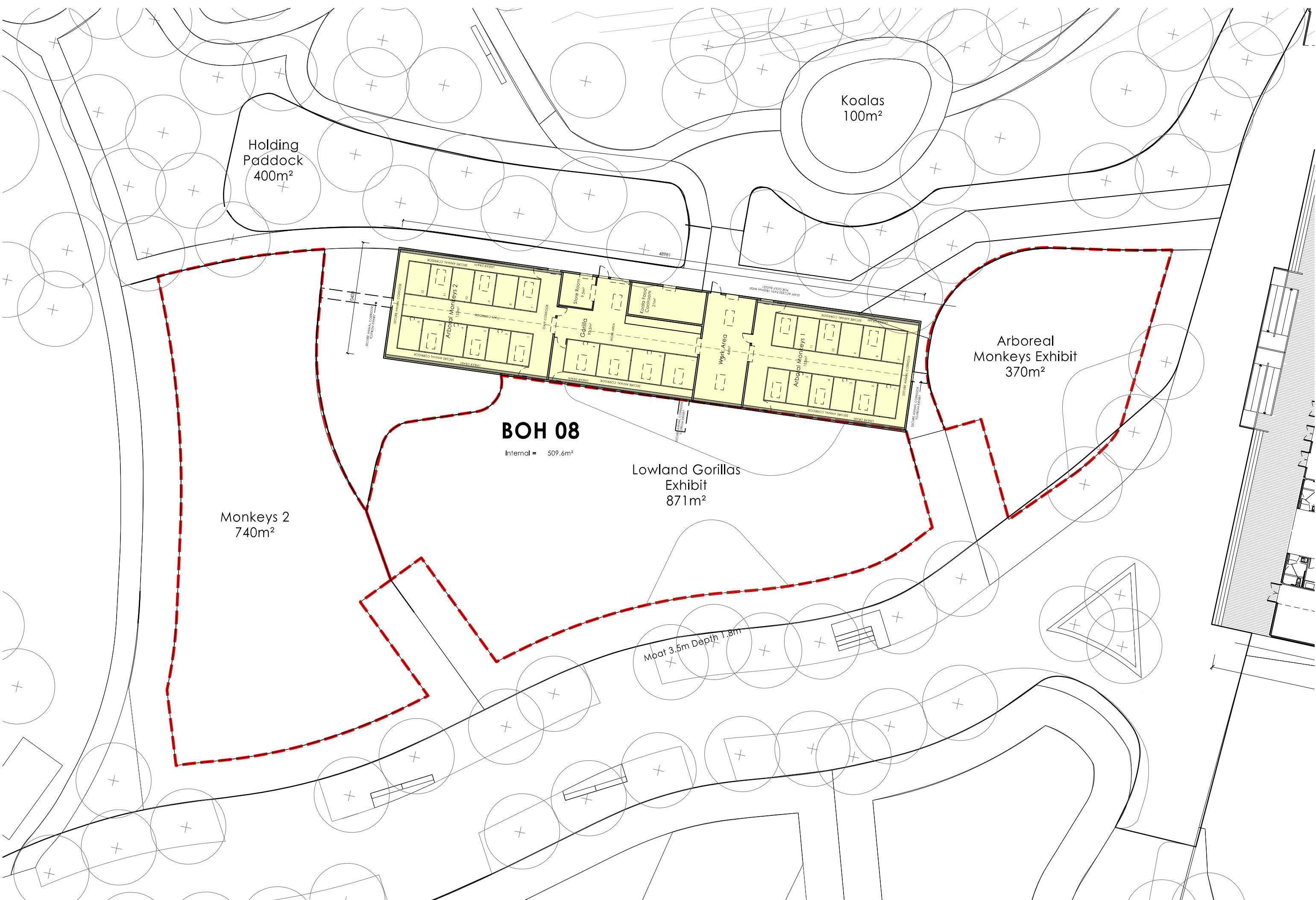
Elevation 3

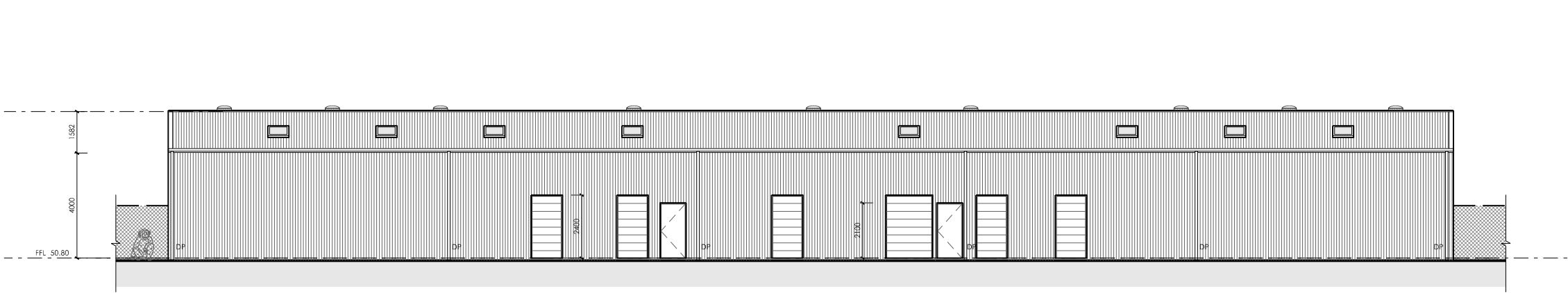


Section A

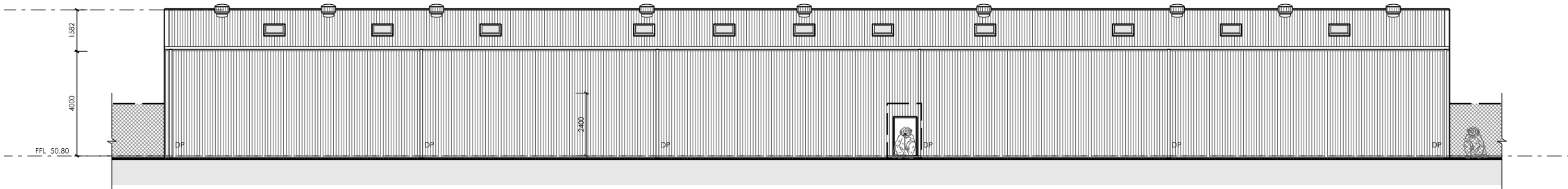


Plan

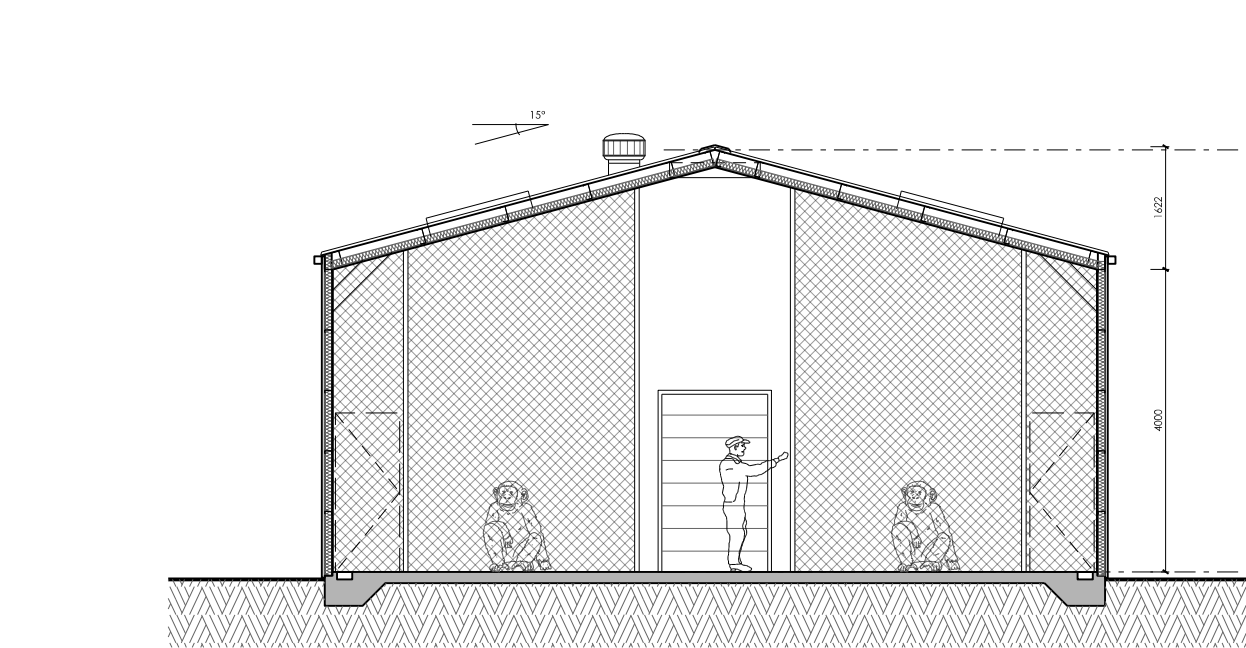




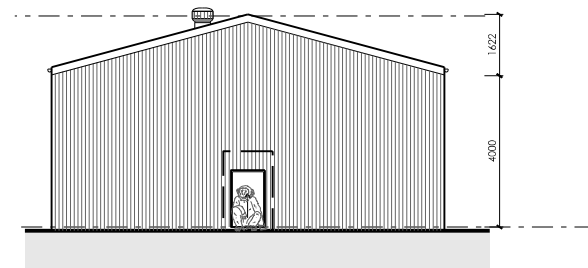
Elevation 1



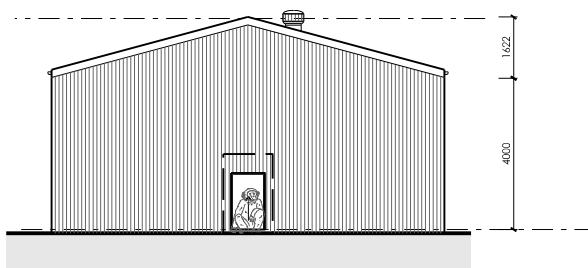
Elevation 2



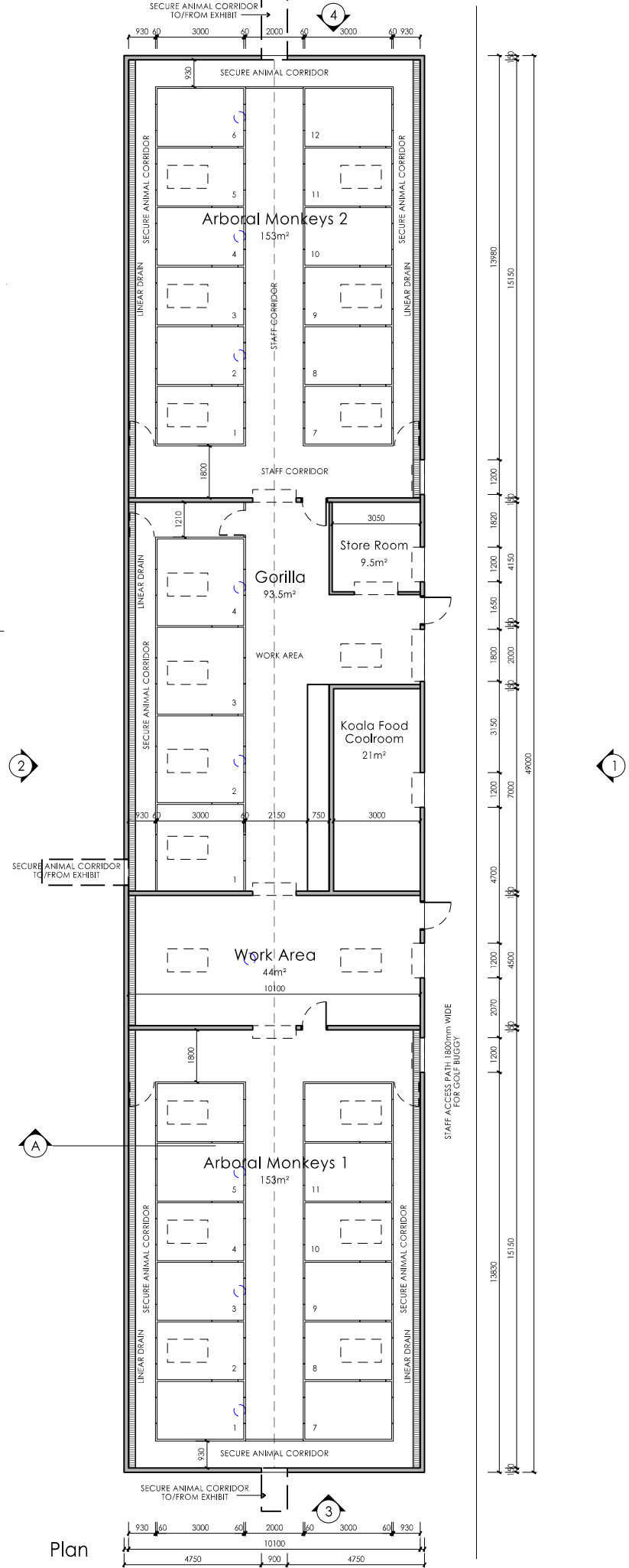
Section A Scale 1:50



Elevation 3



Elevation 4



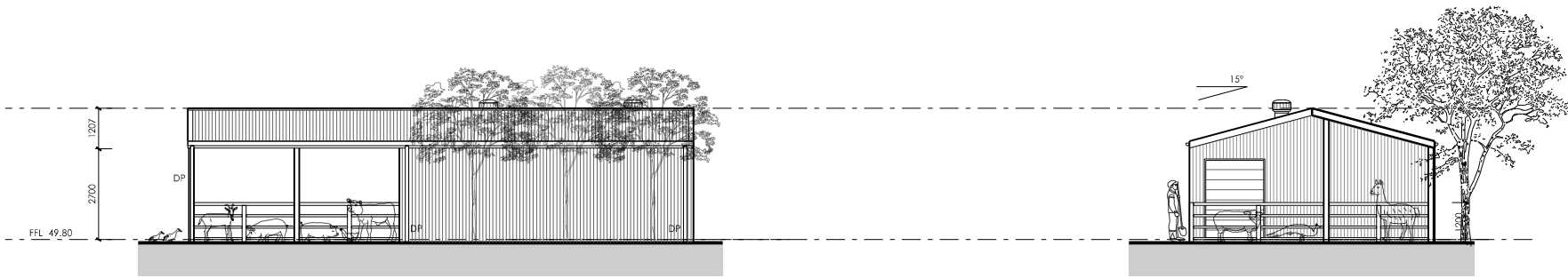
Plan



BOH 09

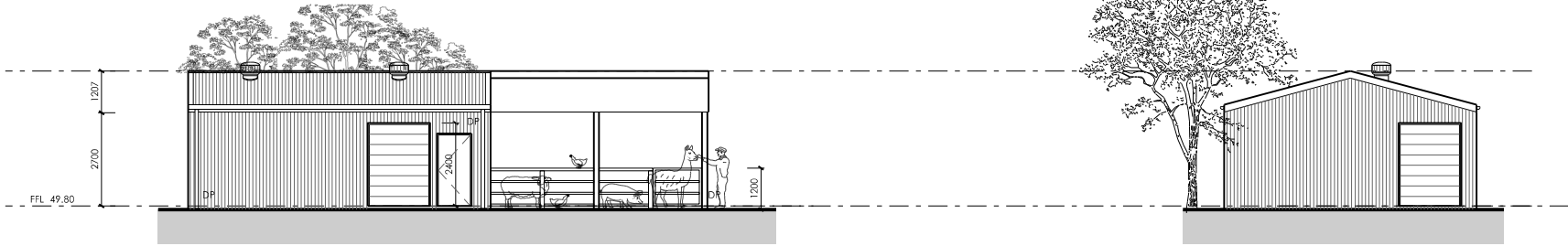
Farm Experience

Internal = 68.9m²
External = 46.0m²
Total = 114.9m²



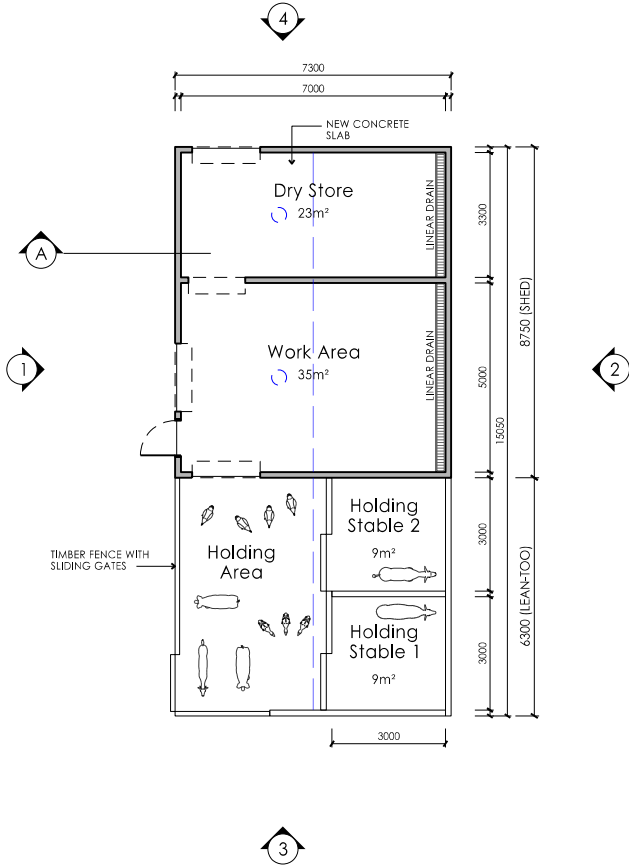
Elevation 1

Elevation 3

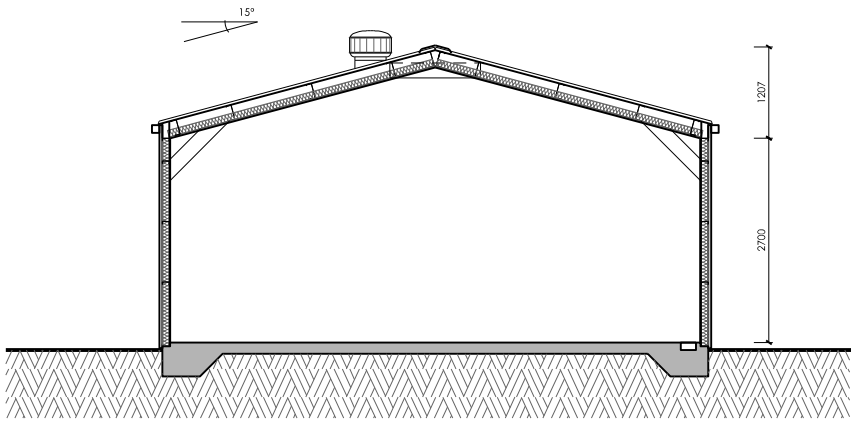


Elevation 2

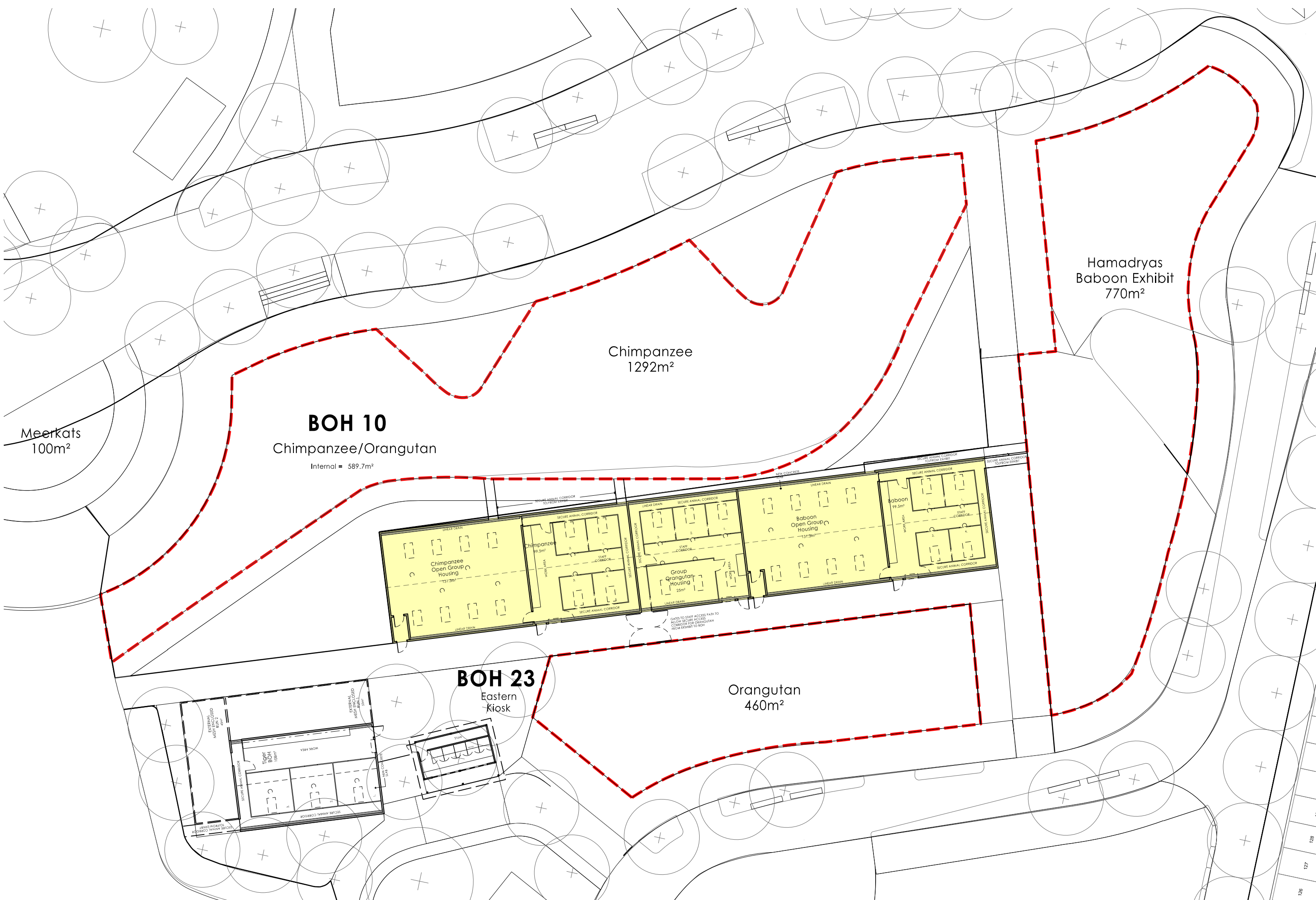
Elevation 4

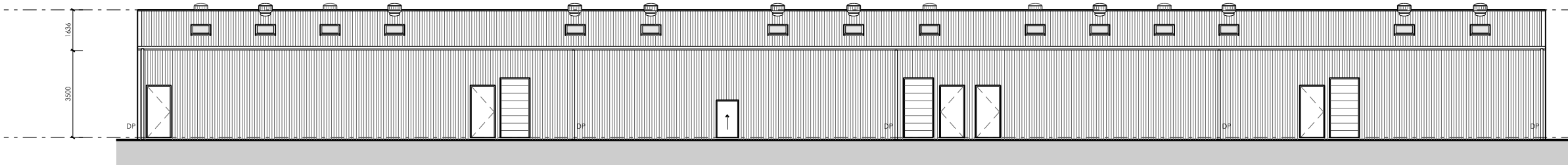


Plan

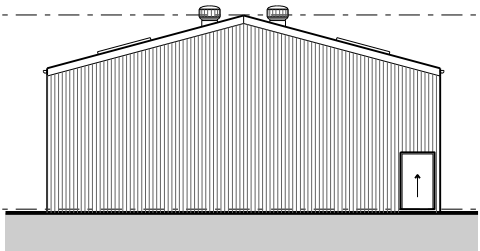


Section A Scale 1:50

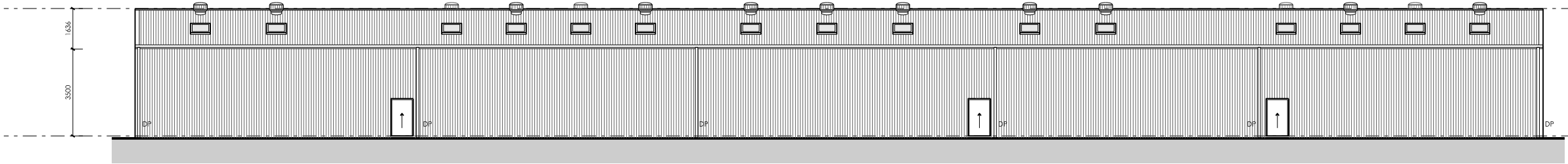




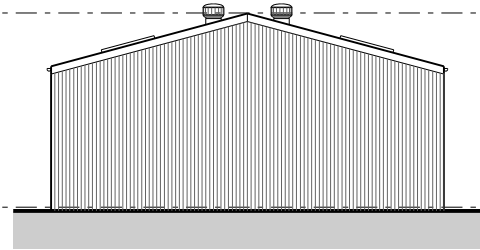
Elevation 1



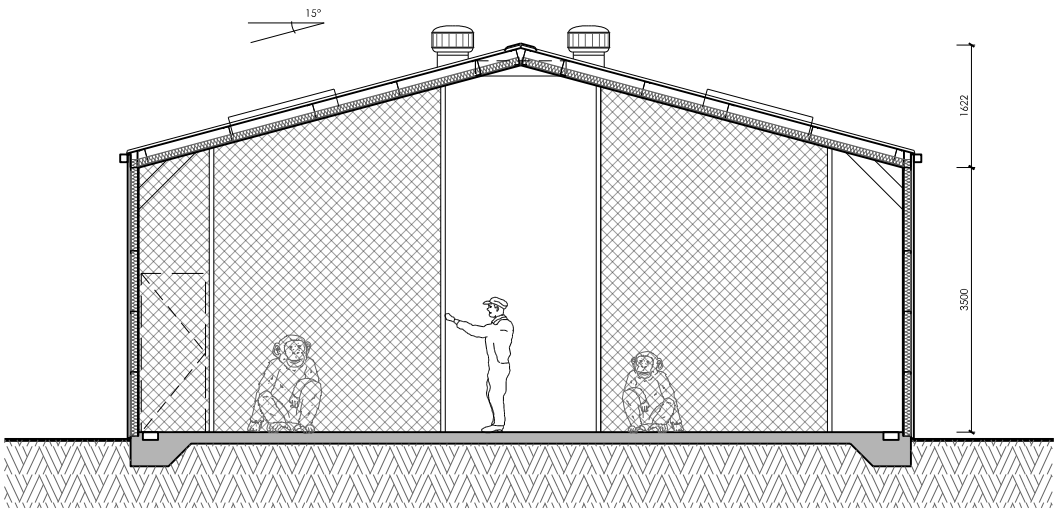
Elevation 3



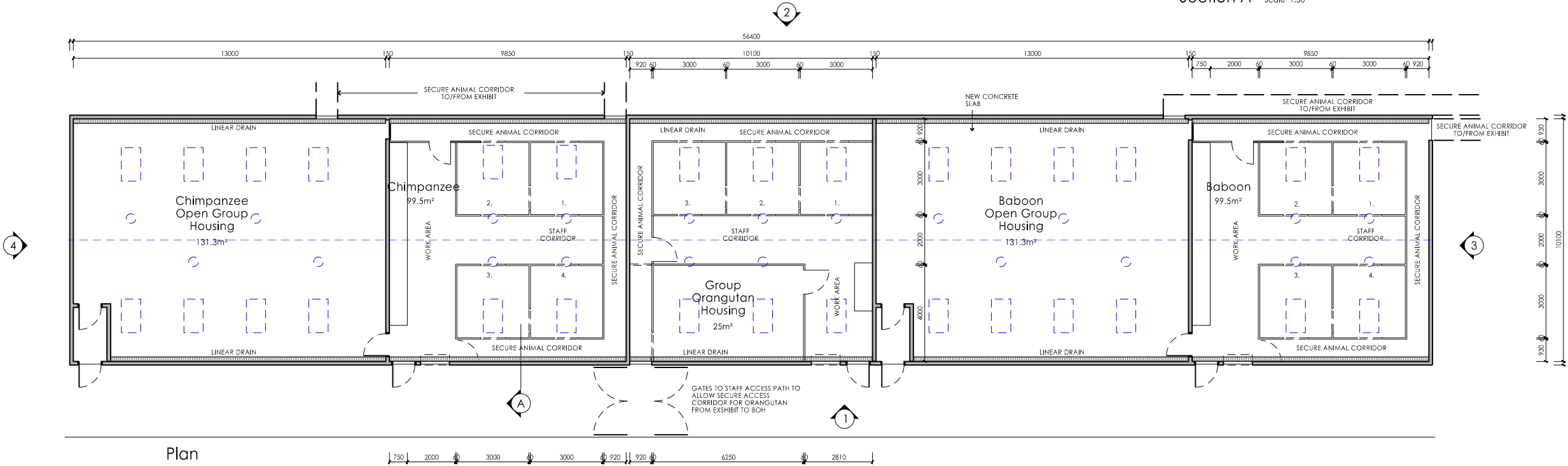
Elevation 2



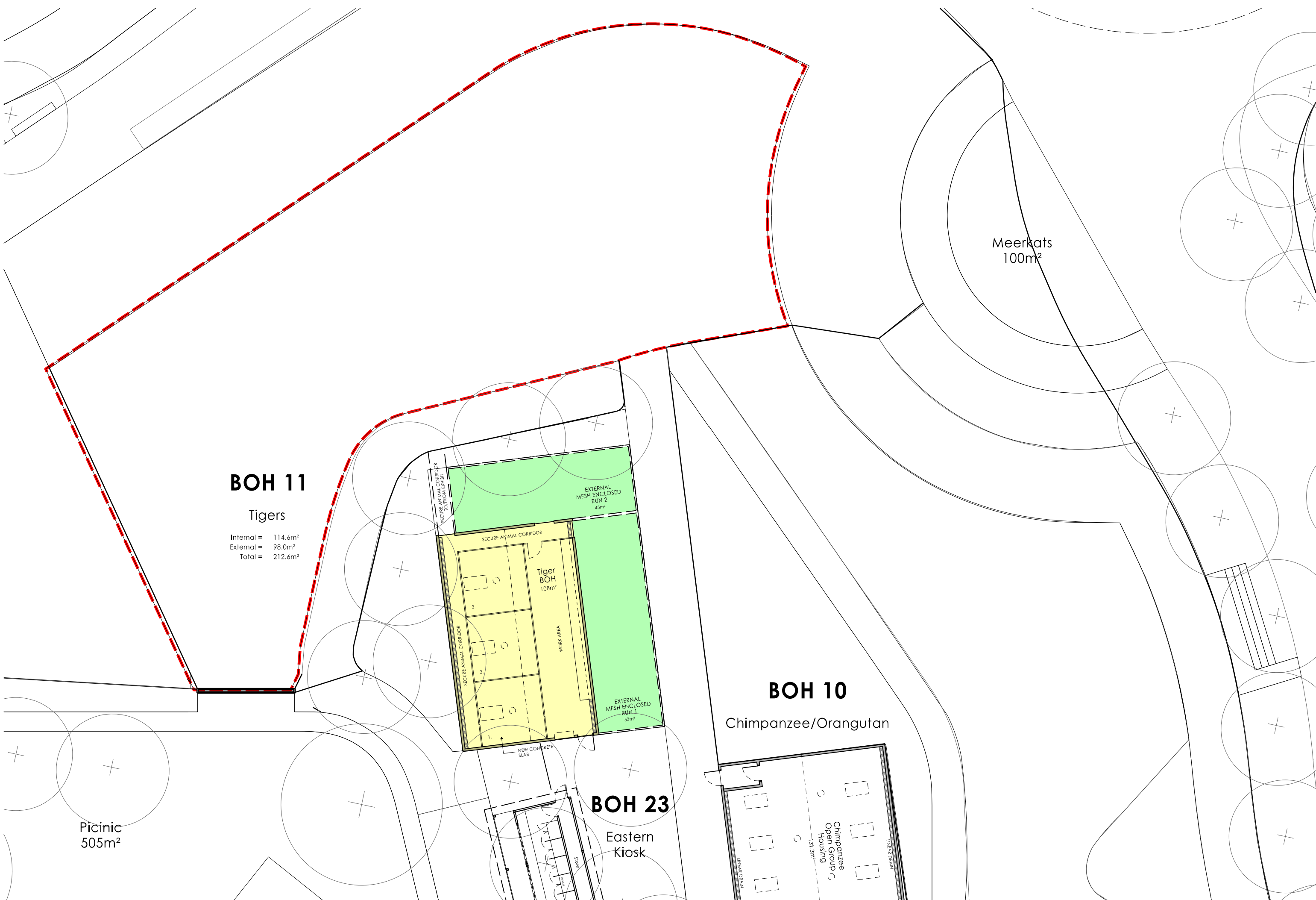
Elevation 4

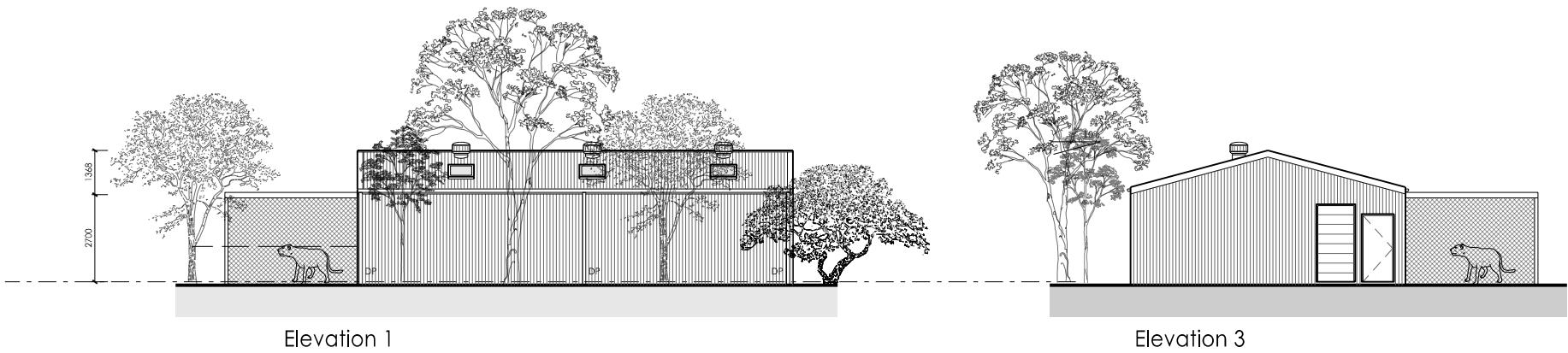


Section A Scale 1:50



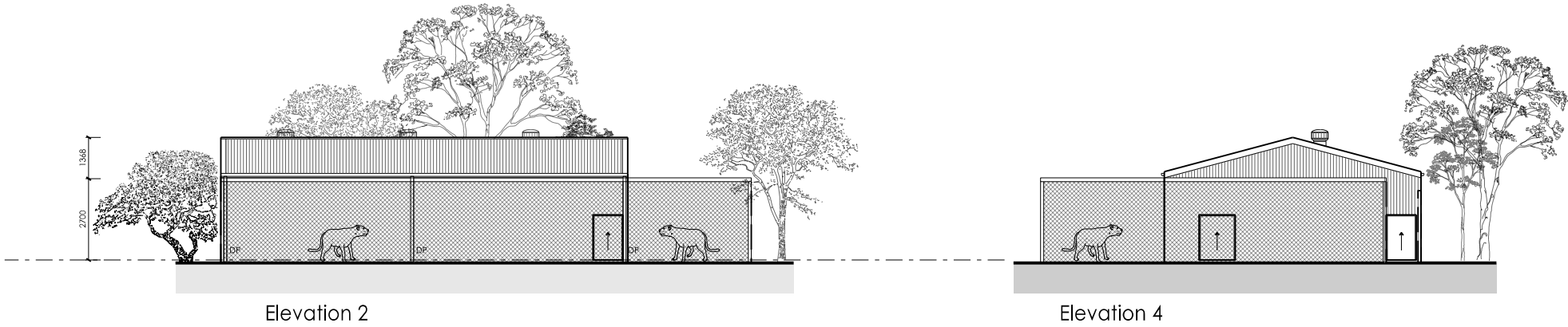
Plan





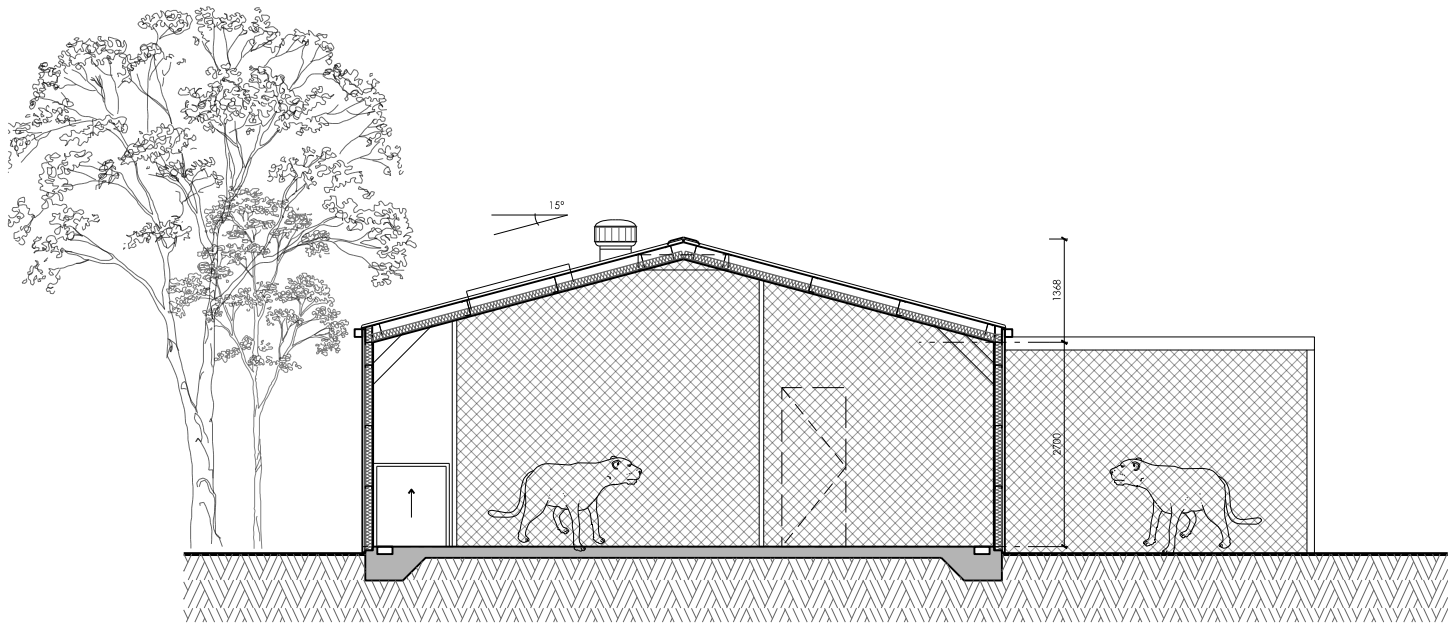
Elevation 1

Elevation 3

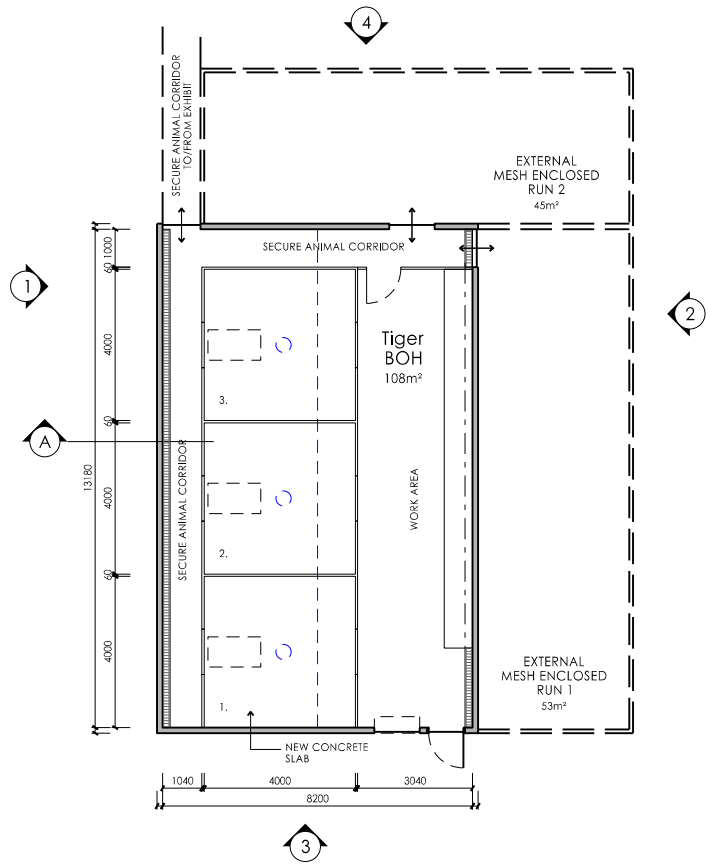


Elevation 2

Elevation 4



Section A Scale 1:50



Plan

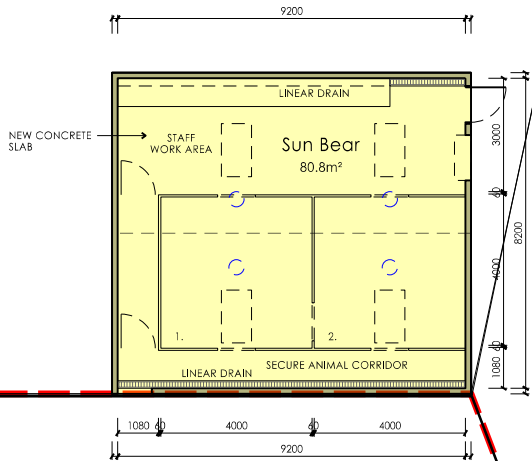
Future Exhibit
1100m²

BOH 12

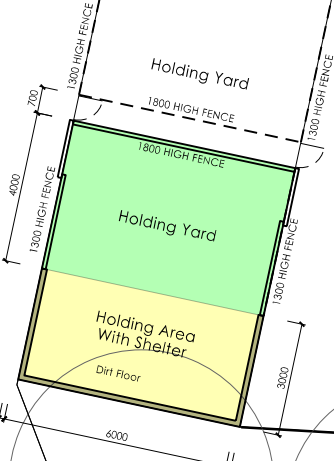
Sun Bear/New Ungulate

Sun Bears Internal = 80.8m²
Ungulate Internal = 18.0m²
Total = 98.8m²

Ungulate External = 24.0m²



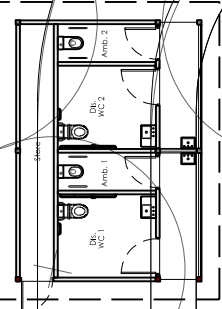
Sun Bears
450m²



Ungulate
530m²

BOH 21

Eastern
Amenity Block



Picnic
505m²



Client
Sydney Zoo Pty Ltd

Project
New Sydney Zoo
Great Western Highway
Eastern Creek/Bungarbee Park
Sydney Australia

Architects / Interior Designers
MISHO+ASSOCIATES
EMAIL: MISHO@MISHO.COM.AU WWW.MISHO.COM.AU
MISHO + ASSOCIATES PTY LTD
ACN 045 038 486 ABN 32 045 038 486
TELEPHONE 61 3 6264 2333 FACSIMILE 61 3 6264 3111

Planners/Landscape Architects
ASPECT Studios™
Studio 61, Level 6, 61 Marlborough Street
Surry Hills, NSW 2010



GENERAL NOTES TO ALL:
1. IF IN DOUBT ASK!
2. BUILDER TO ALLOW FOR THE COORDINATION BETWEEN ALL SERVICES CONTRACTORS. ALLOW TO CROSS CHECK ALL DRAWINGS FROM MECHANICAL, ELECTRICAL, HYDRAULIC CONTRACTOR. WHENEVER A DISCREPANCY IS FOUND THE BUILDER IS TO NOTIFY THE ARCHITECT AND CONSULTANTS IMMEDIATELY.
3. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OR FABRICATION OF ANY ITEMS.

4. THE MECHANICAL CONTRACTOR IS TO ALLOW FOR THE APPROPRIATE BALANCING OF THE AIR CONDITIONING SYSTEMS TO ENSURE ADEQUATE AND PROPER FUNCTION OF THE THERMOSTAT CONTROLS.
5. MAKE GOOD ALL EXISTING SURFACES AS NECESSARY TO RECEIVE NEW PAINT FINISH.
6. ALL BUILDING WORKS AND MATERIALS USED ARE TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS. IF THE BUILDER IS AWARE OF ANY BREACHES OF CODES, THEN THE

BUILDER IS TO BRING THEM TO THE ATTENTION OF THE ARCHITECT/ENGINEER AS SOON AS POSSIBLE. ALL METHODS OF FIXING AND WORKMANSHIP SHALL MEET THE STANDARDS SET DOWN IN THE AUSTRALIAN STANDARDS.
7. THE SITE IS TO BE KEPT IN A CONDITION THAT COMPLETES WITH ALL WORKCOVER ACTS. THE SAFETY OF ALL THE SUBCONTRACTORS, VISITORS AND OTHER PERSONS SHOULD NOT BE COMPROMISED AT ANY TIME.

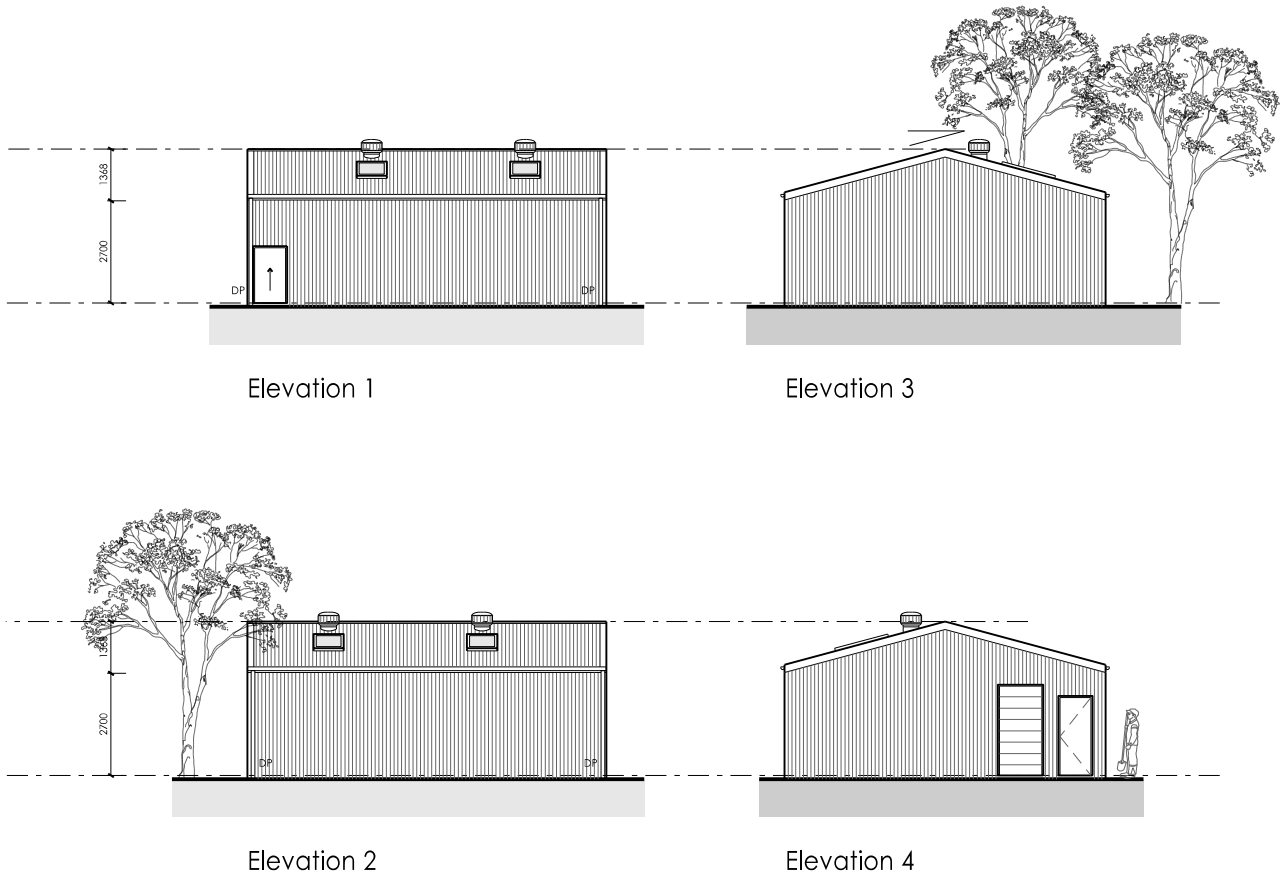
ALL THE ARCHITECTURAL DOCUMENTATION IS TO BE READ IN CONJUNCTION WITH MASTER PLANNING DOCUMENTATION, LANDSCAPE DOCUMENTATION AND ALL OTHER ENGINEERING DOCUMENTATION. IF THERE ARE ANY DISCREPANCIES PLEASE INFORM THE AUTHOR.

E	BIS Exhibition Document	03.12.15
D	Test For Adequacy	02.11.15
C	Draft DA Issue	30.10.15
B	Draft DA Issue	22.10.15
A	First Draft DA Issue	19.10.15
Rev.	Issue For	Date

Boh 12 - Site & Floor Plan
Sun Bears/New Ungulate



Drawn : JH	Date : October 2015
Approved : MV	Scale : 1:100 @ A1 1:200 @ A3
Job No : 15-565	Number : DA. 750
Issue : E	



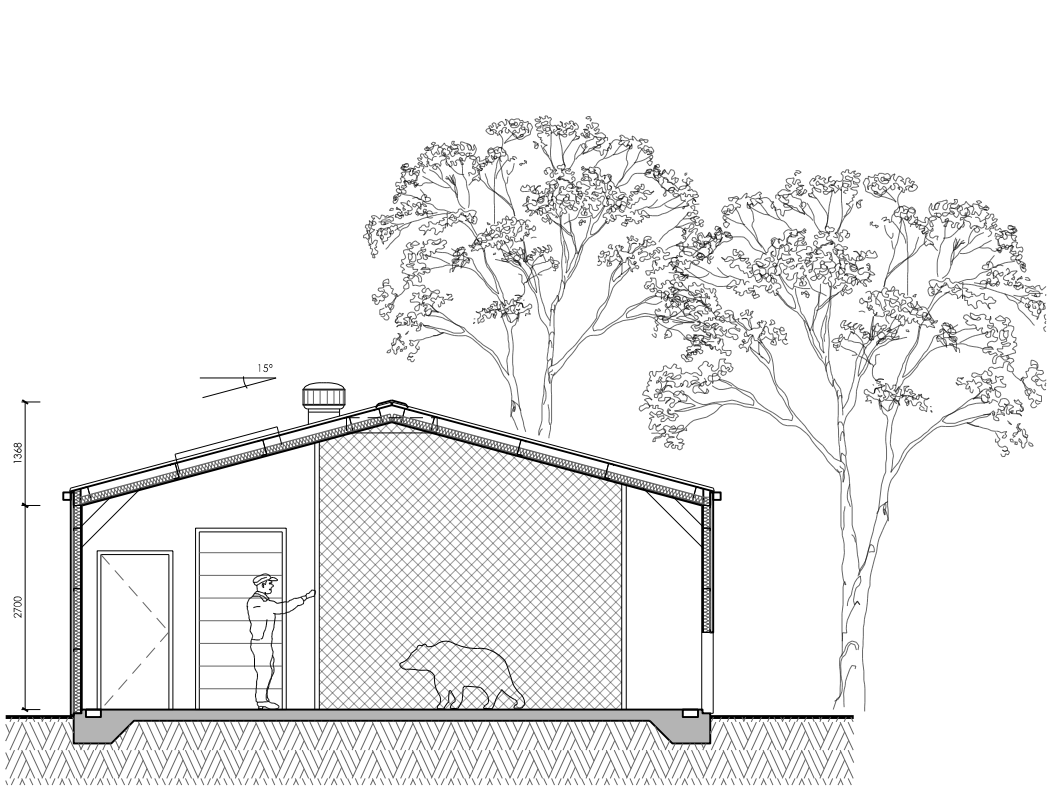
Elevation 1

Elevation 3

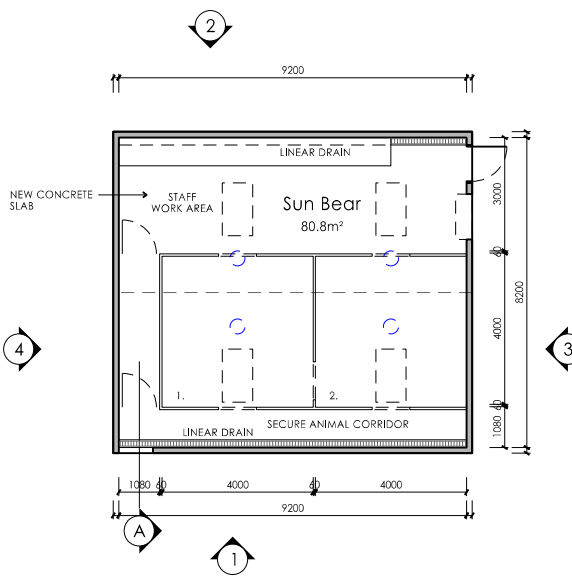
Elevation 2

Elevation 4

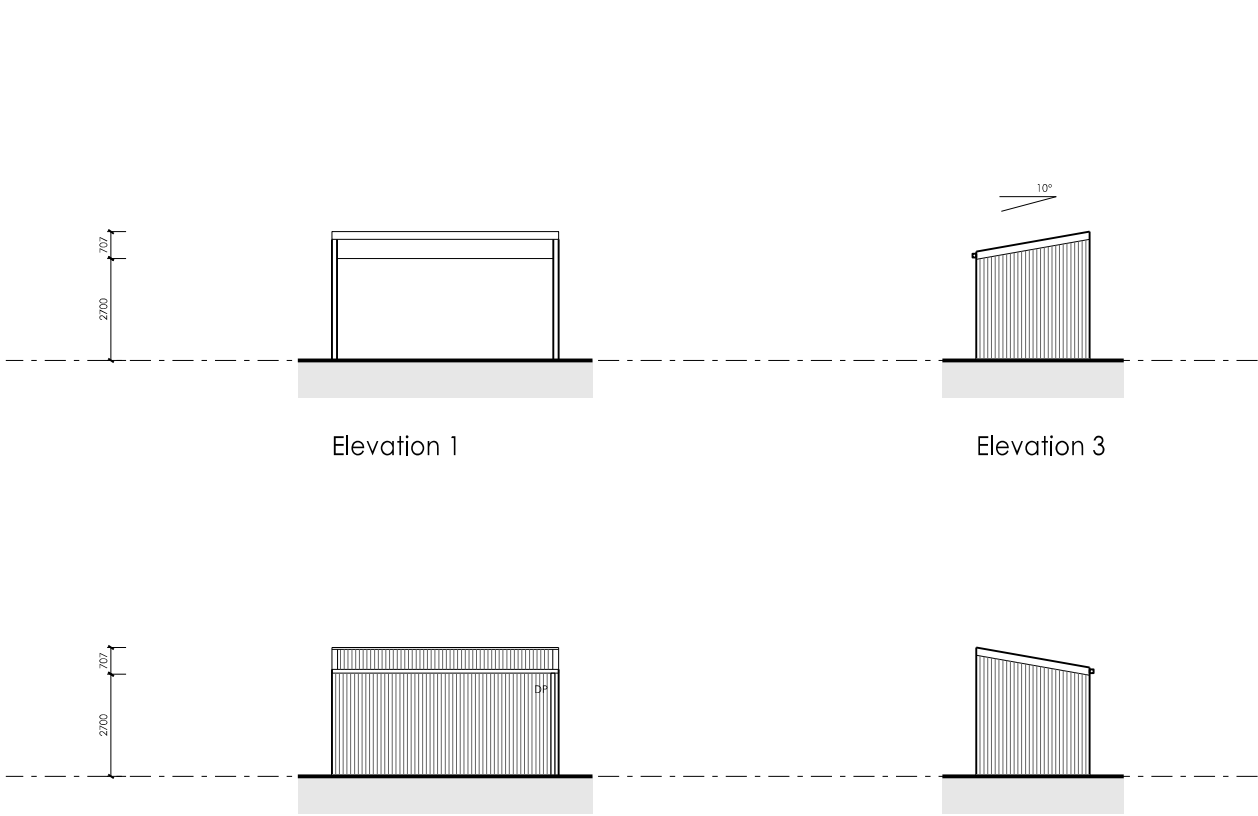
Sun Bears



Section A Scale 1:50



Plan



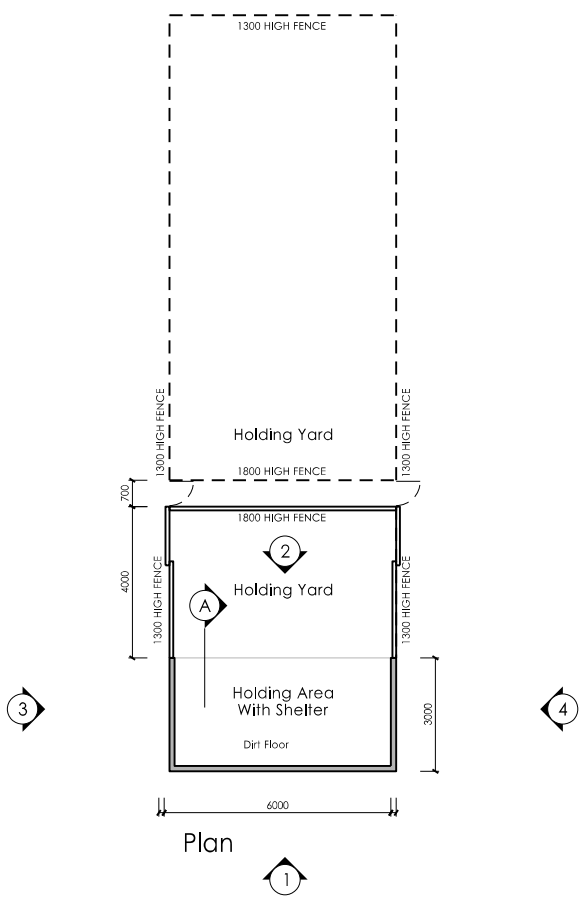
Elevation 1

Elevation 3

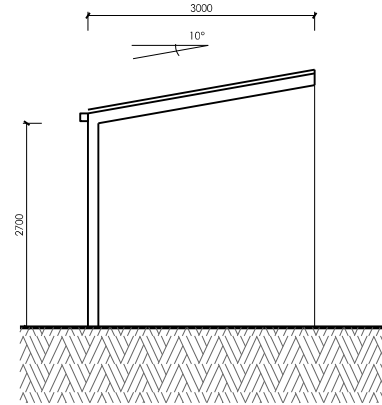
Elevation 2

Elevation 4

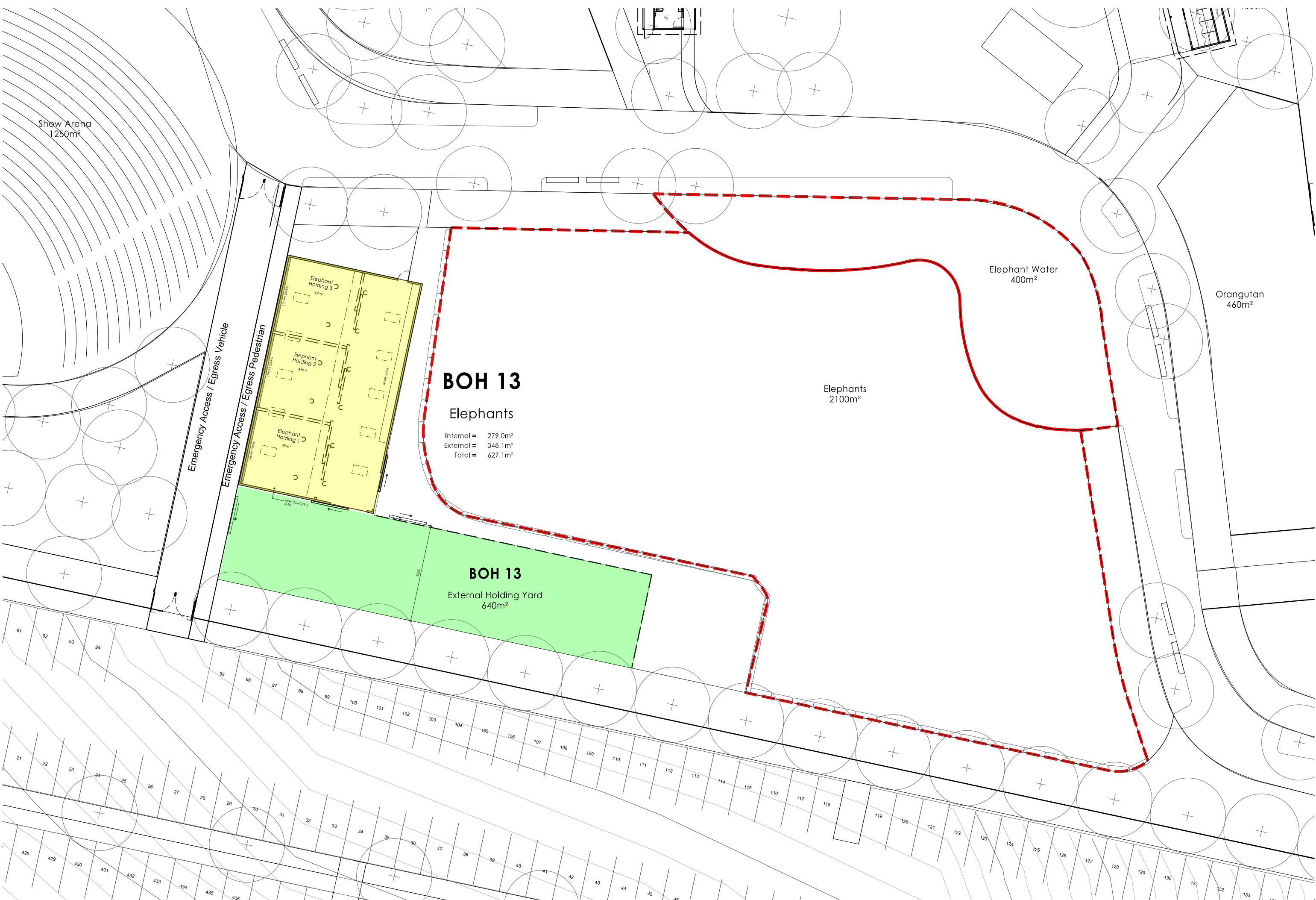
New Ungulate

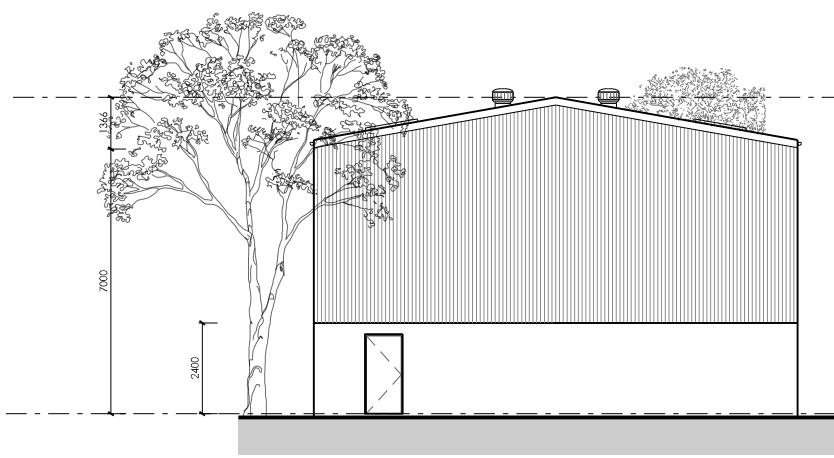


Plan

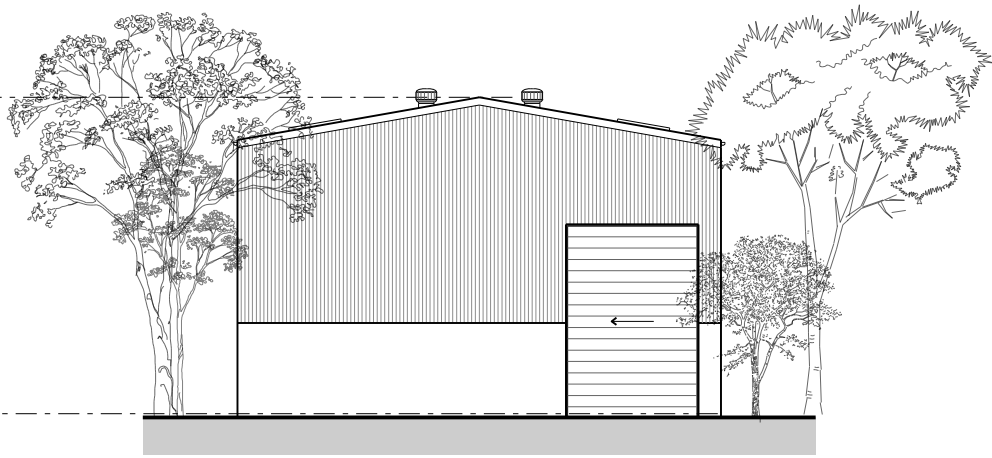


Section A Scale 1:50

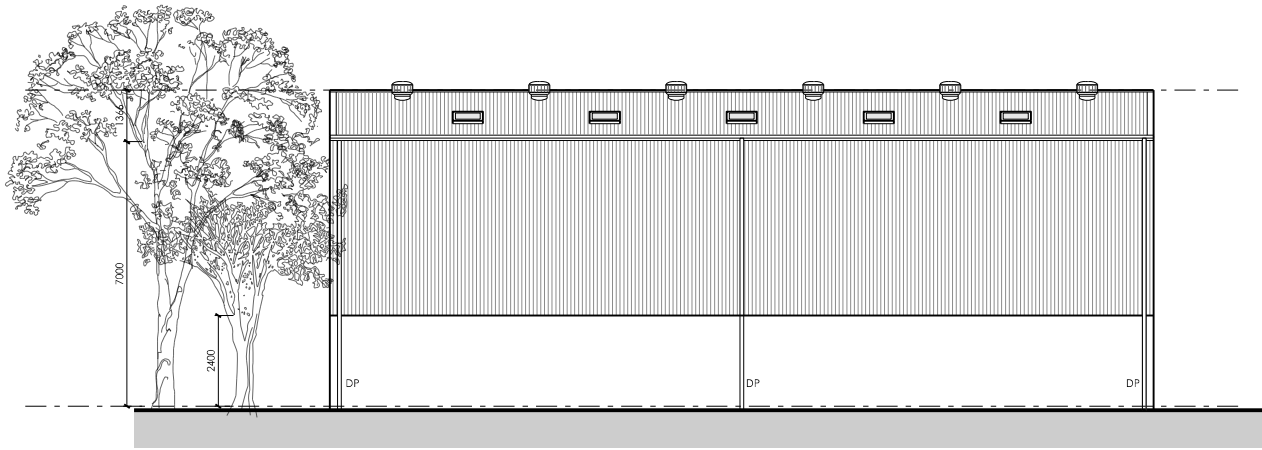




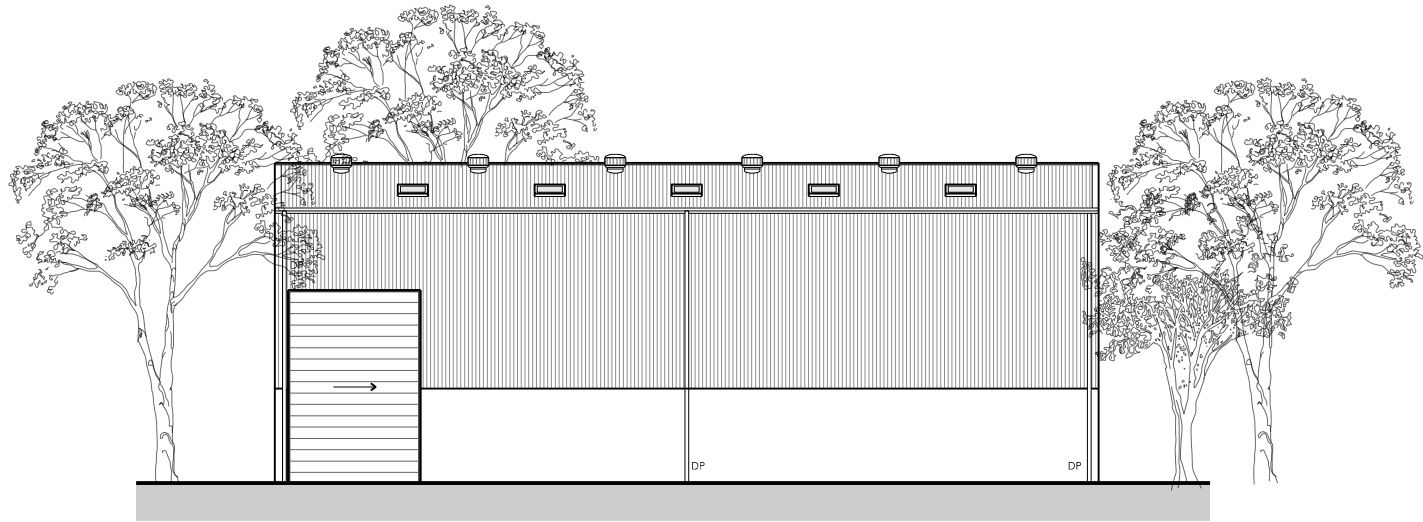
Elevation 1



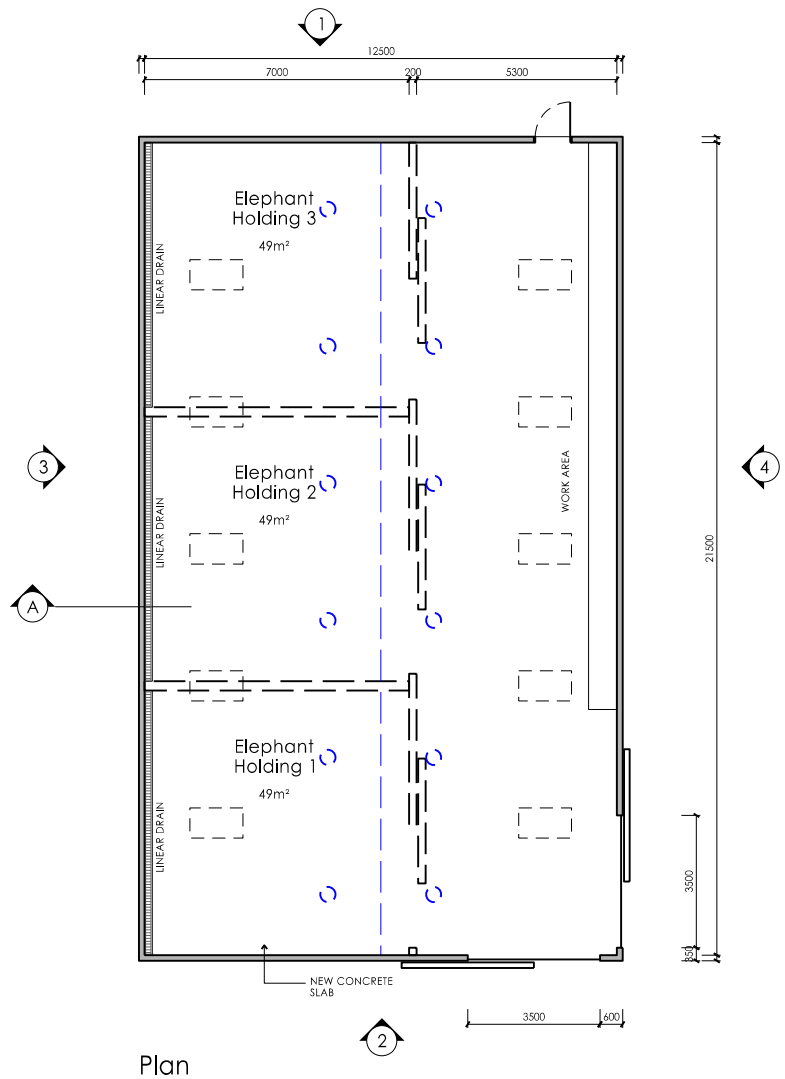
Elevation 2



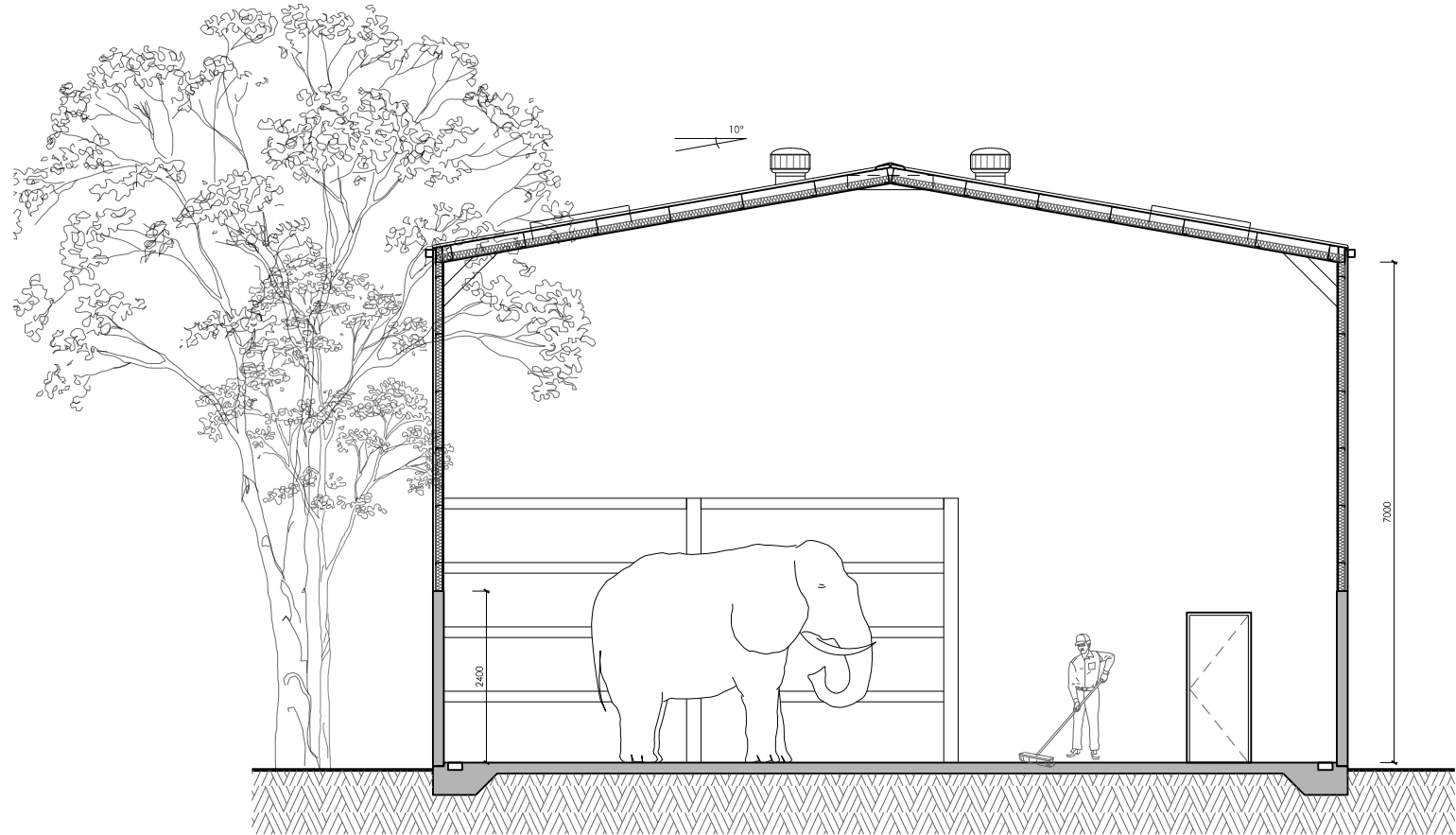
Elevation 3



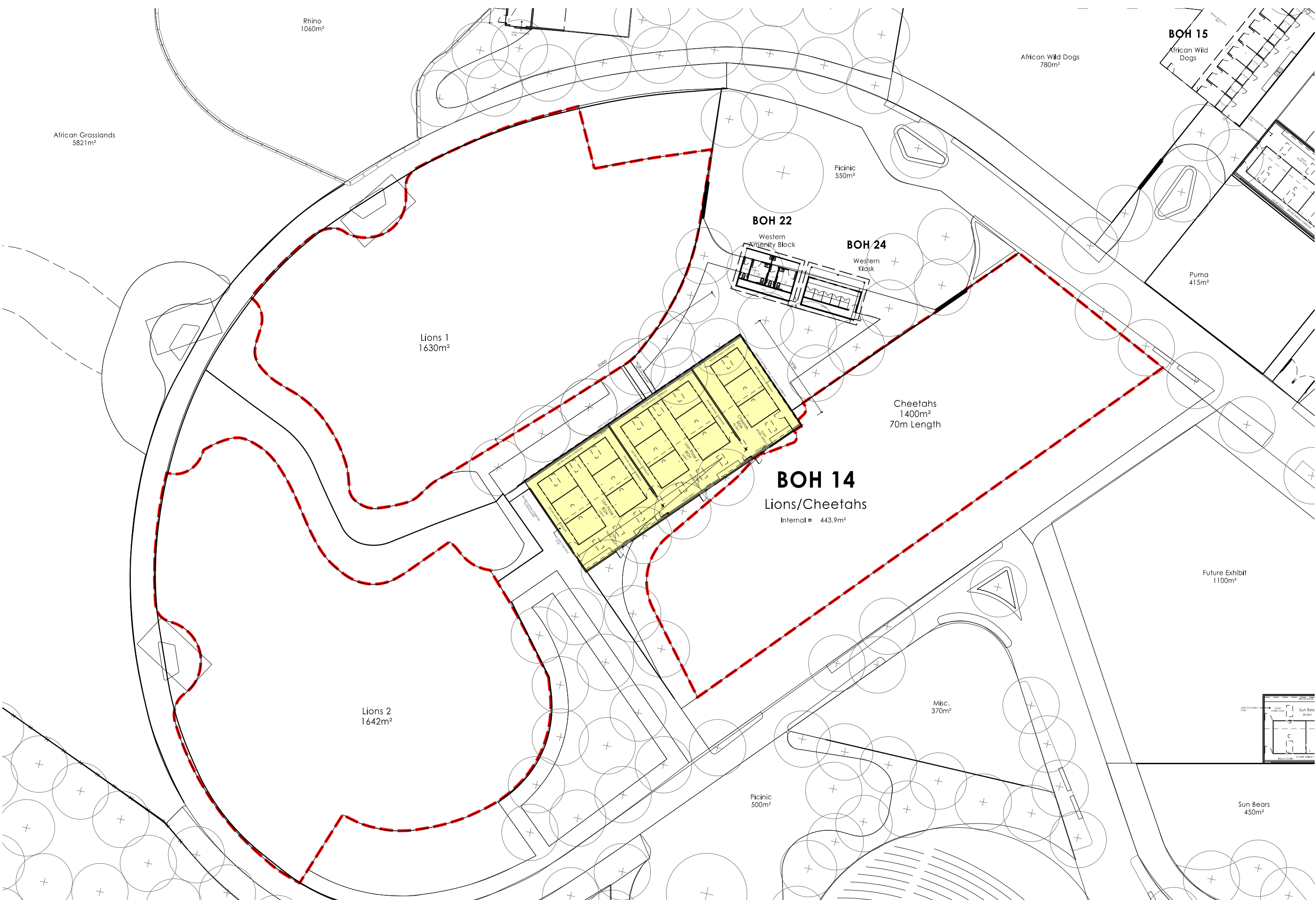
Elevation 4

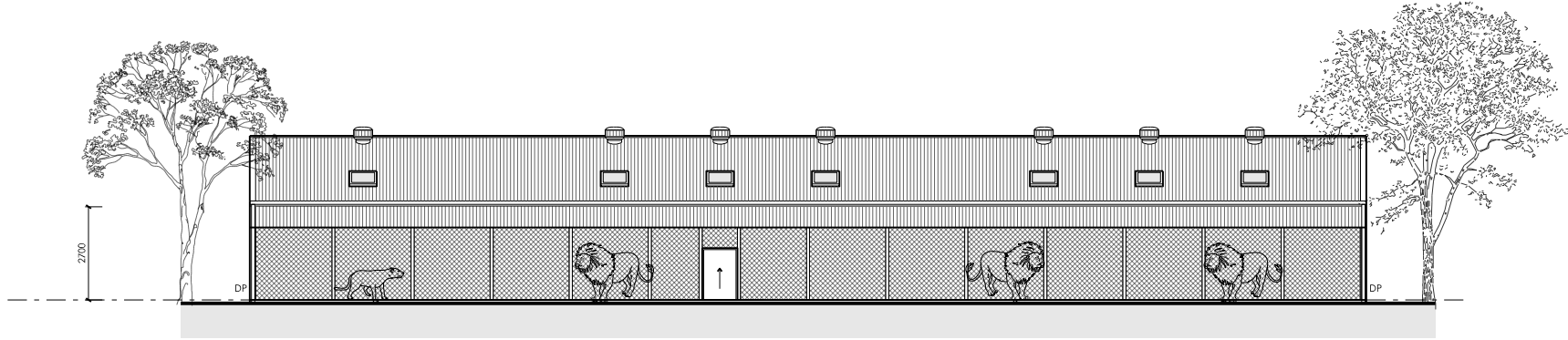


Plan

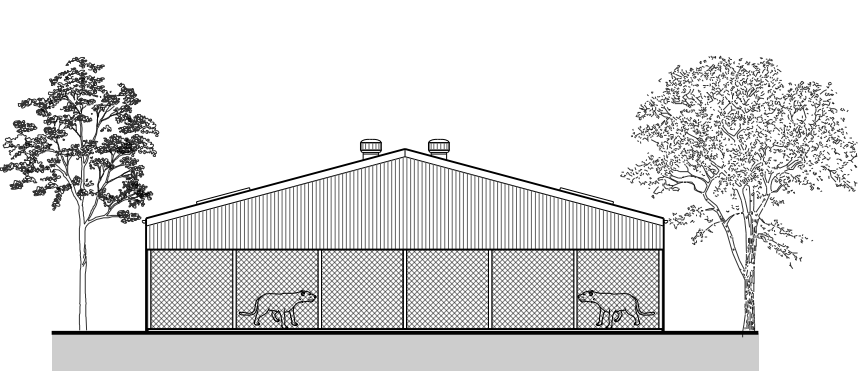


Section A Scale 1:50

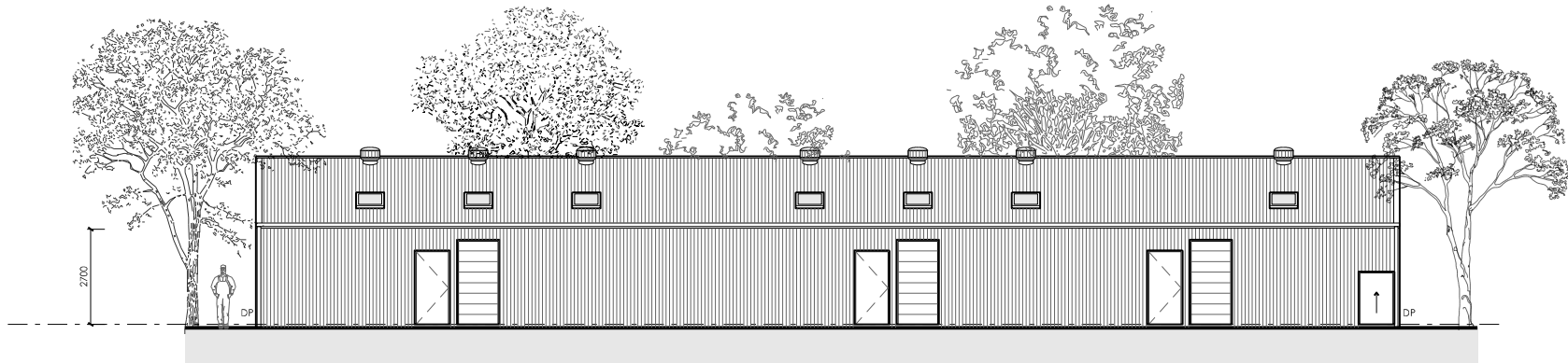




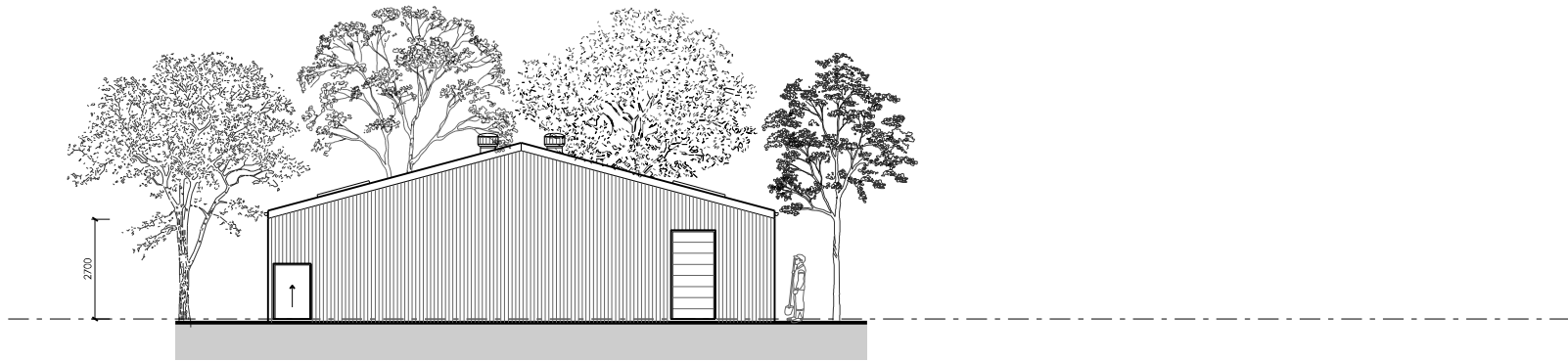
Elevation 1



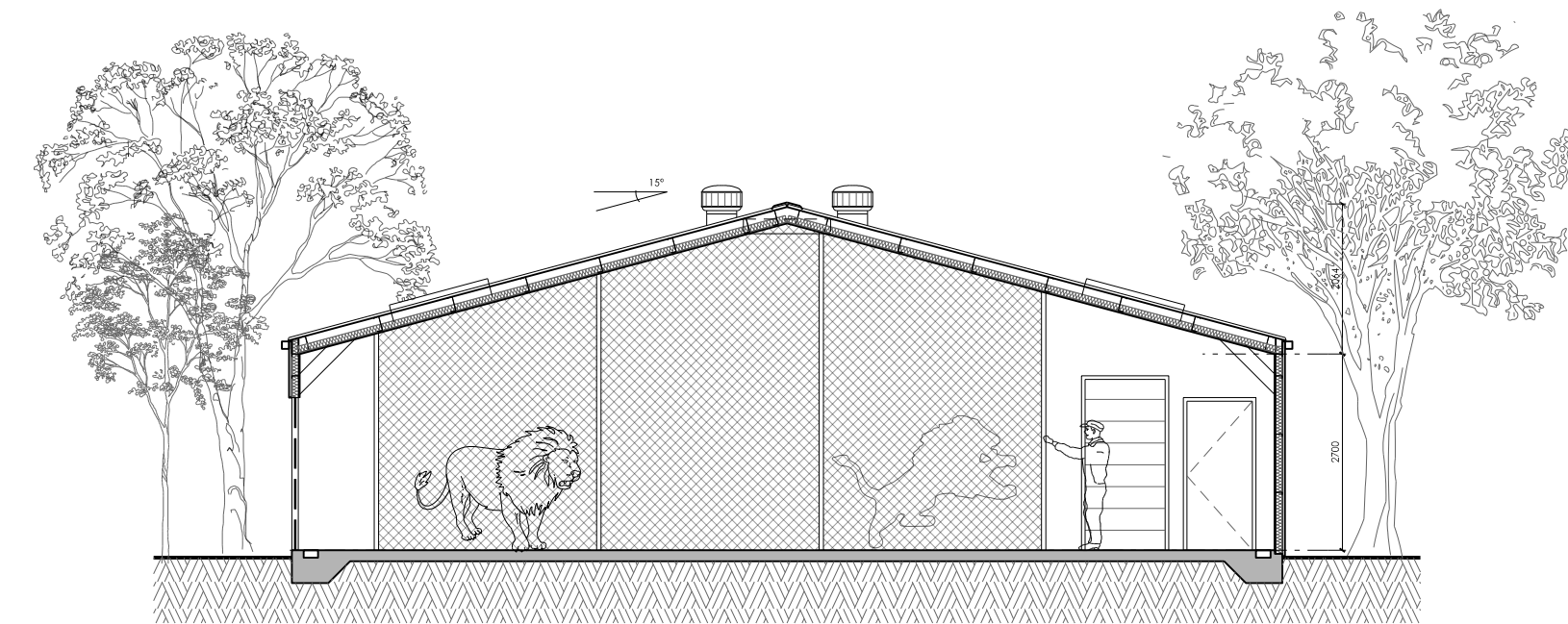
Elevation 4



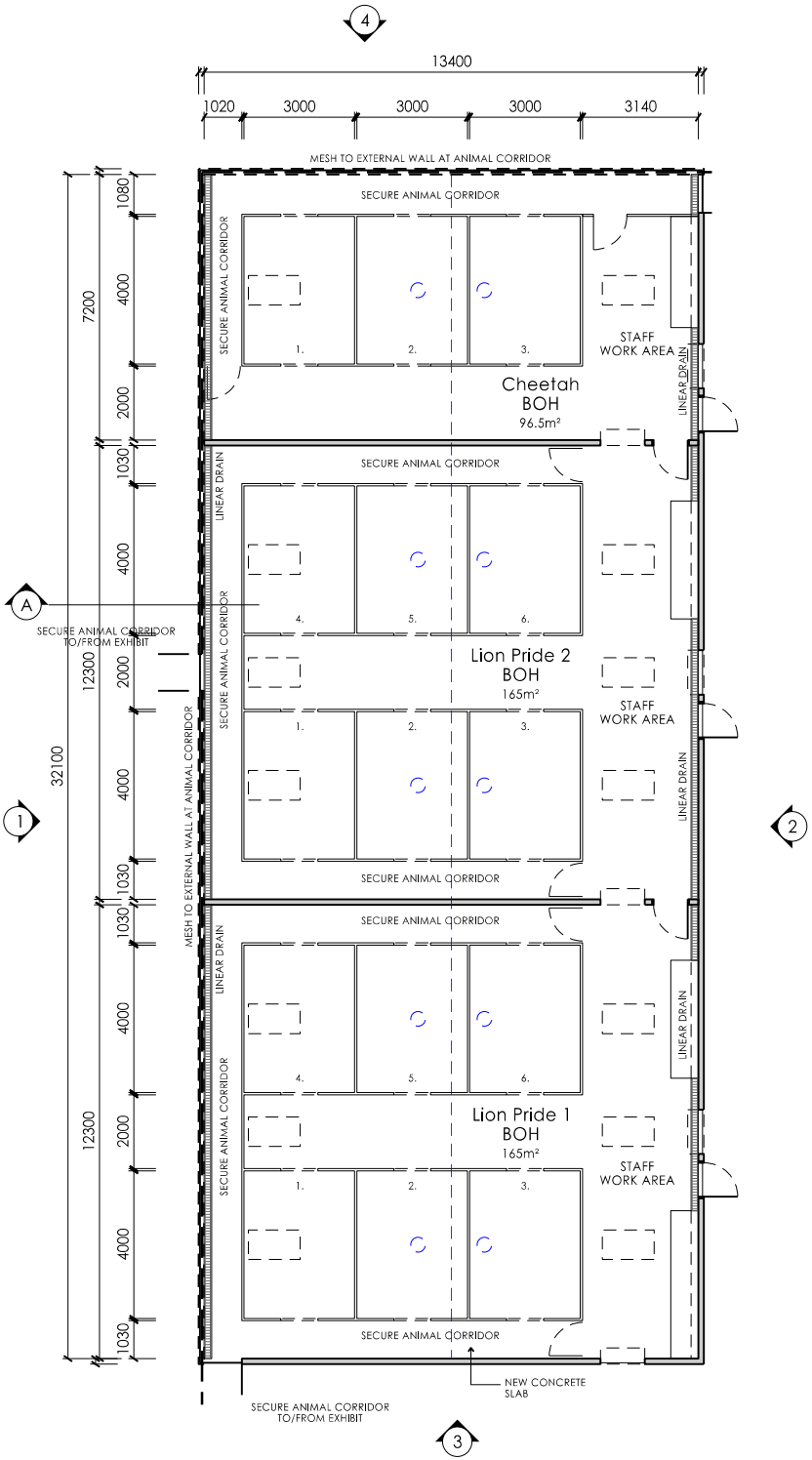
Elevation 2



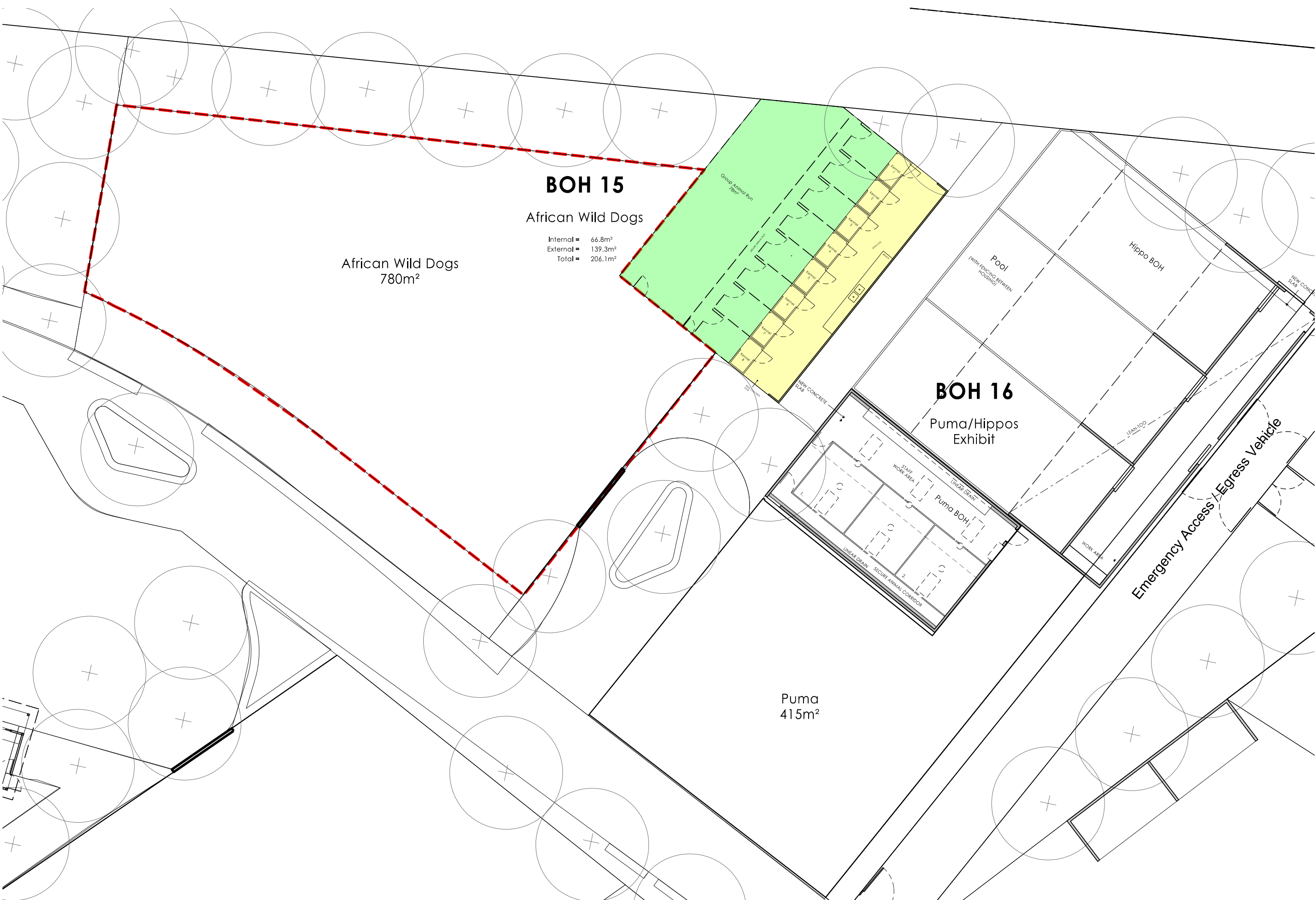
Elevation 3



Section A Scale 1:50



Plan



BOH 15

African Wild Dogs

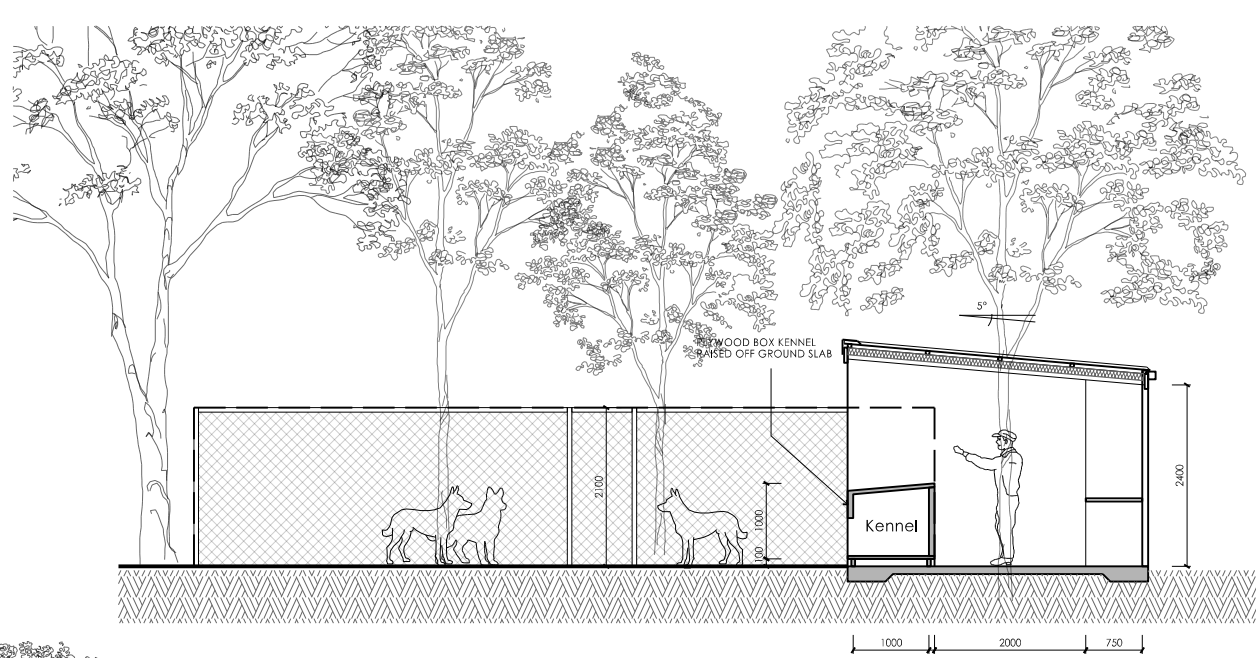
Internal = 66.8m²
External = 139.3m²
Total = 206.1m²

African Wild Dogs
780m²

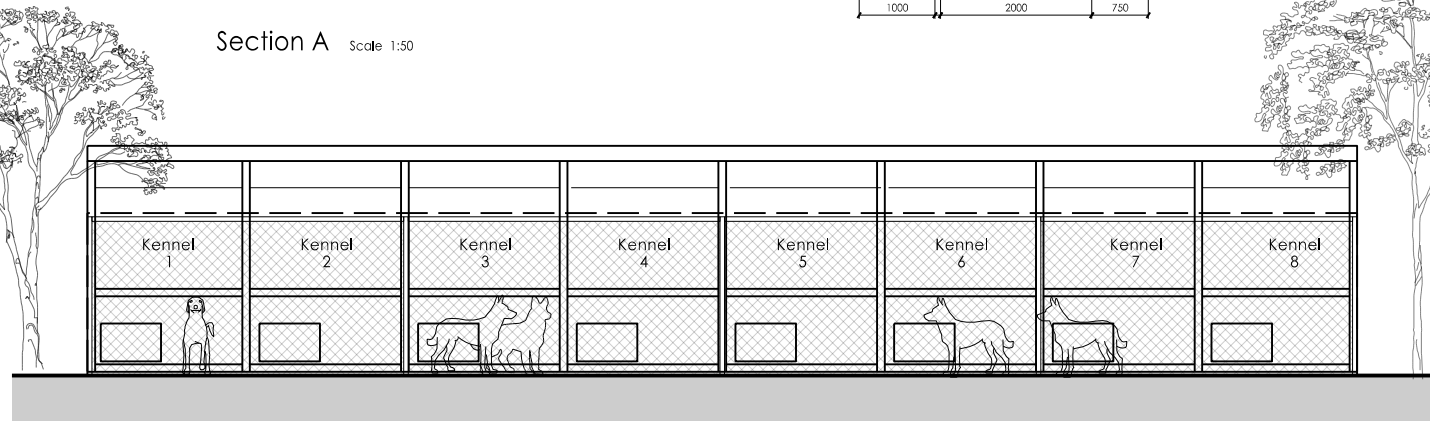
BOH 16

Puma/Hippos
Exhibit

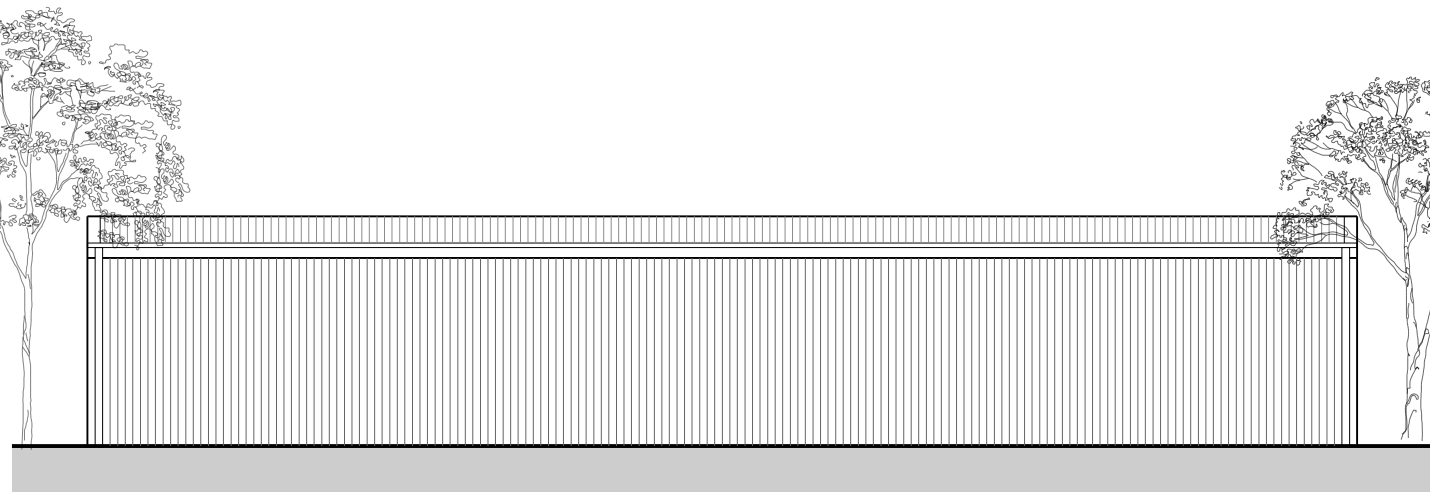
Puma
415m²



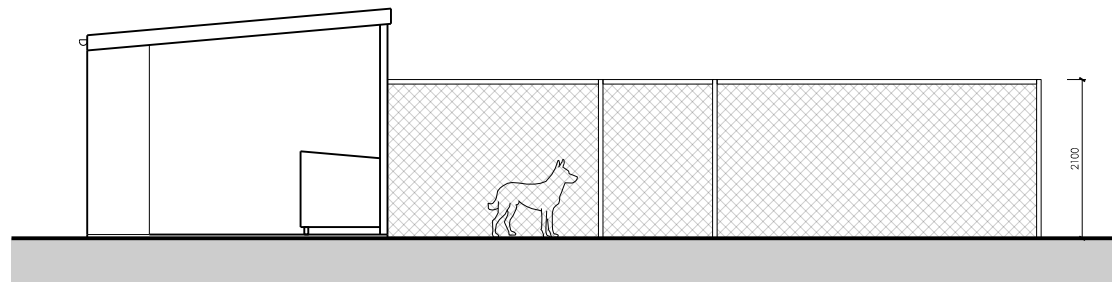
Section A Scale 1:50



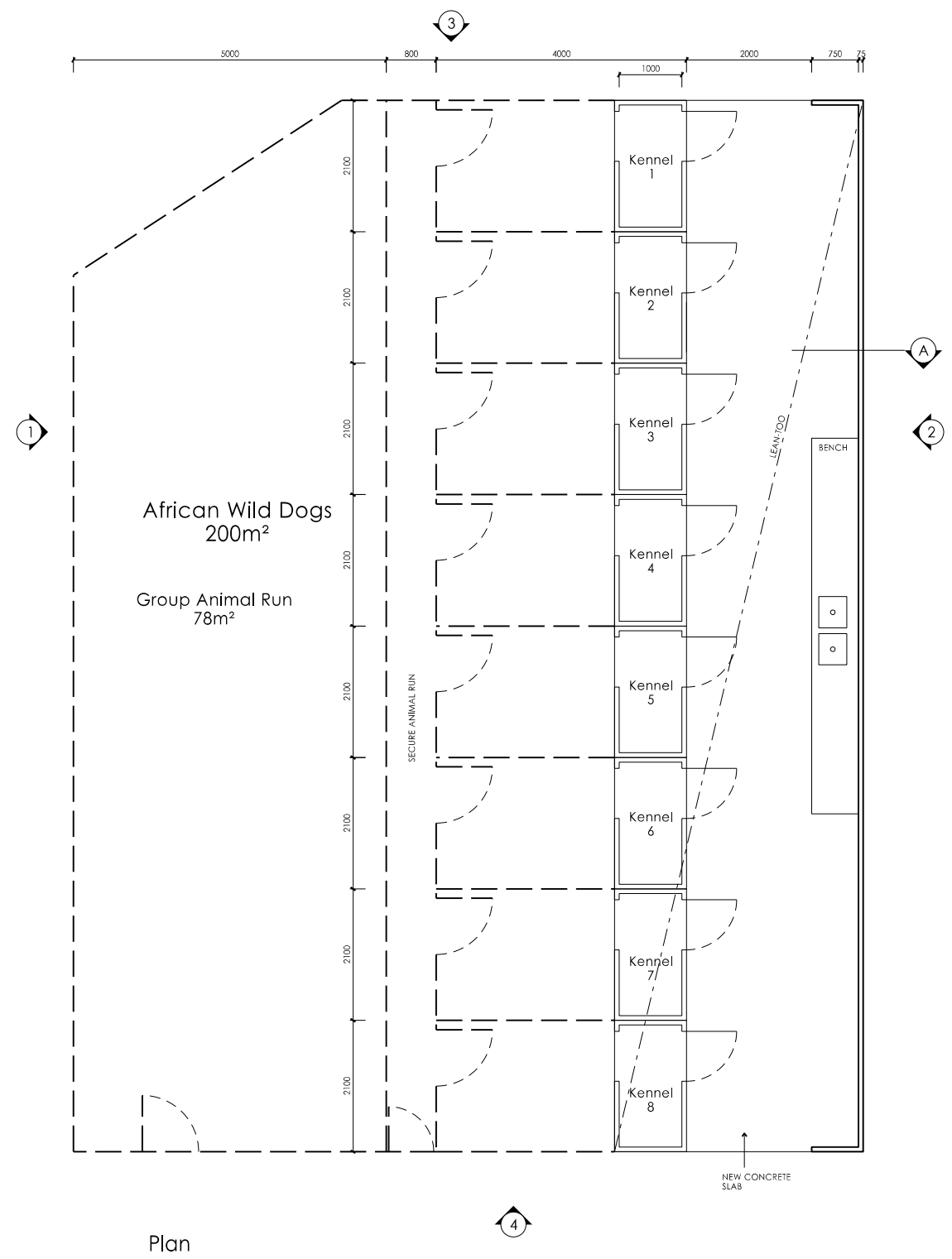
Elevation 1



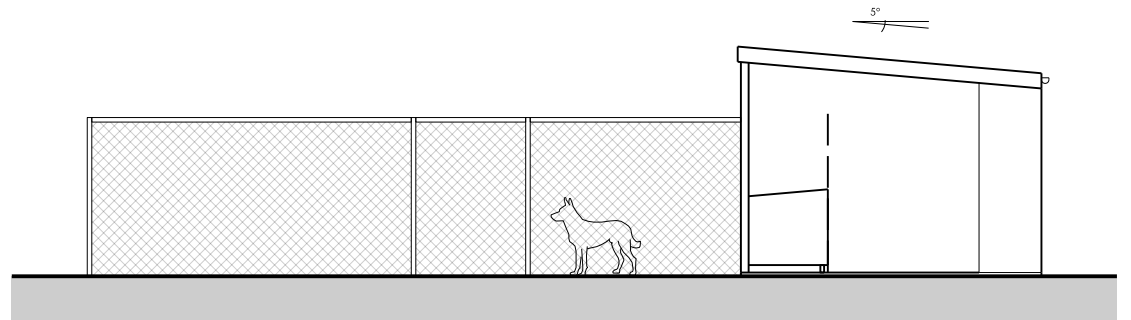
Elevation 2



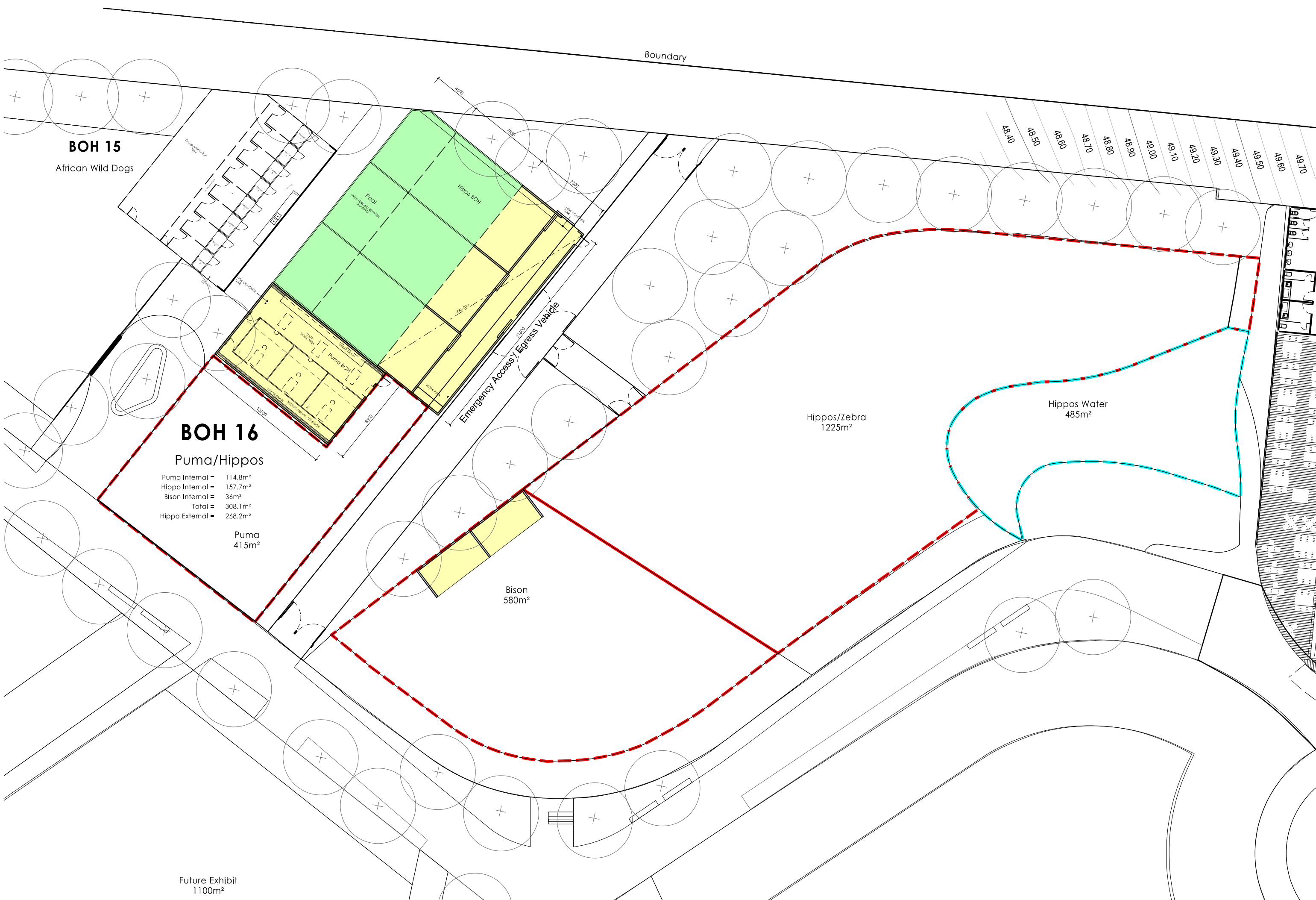
Elevation 3

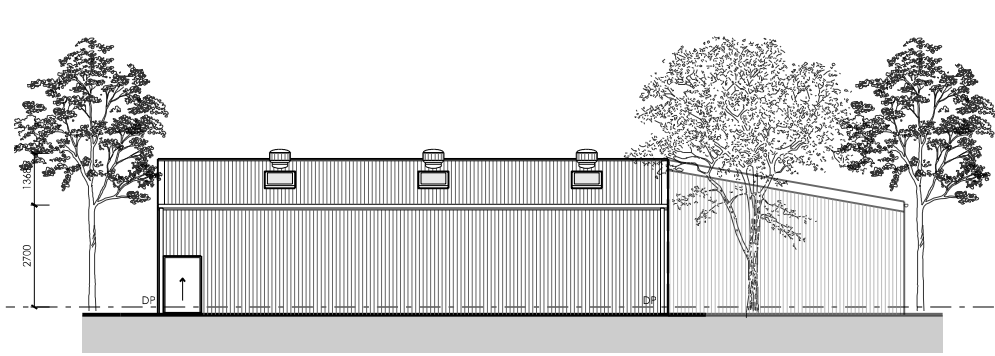


Plan

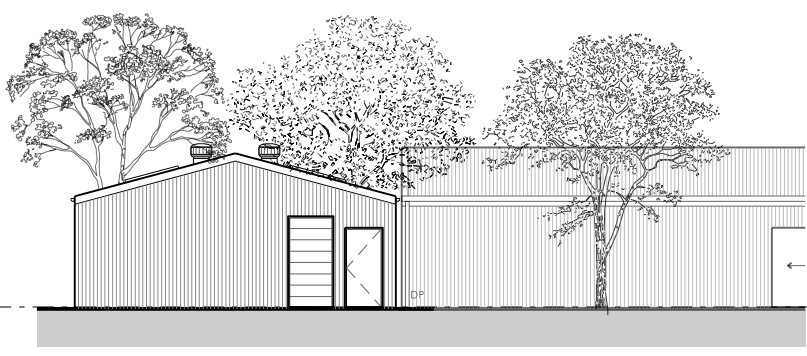


Elevation 4

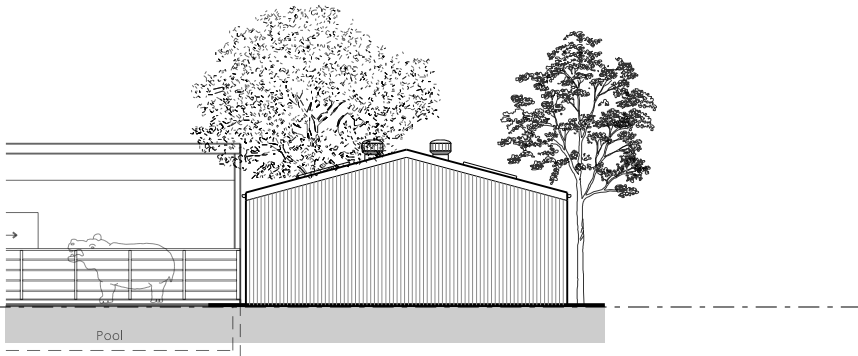




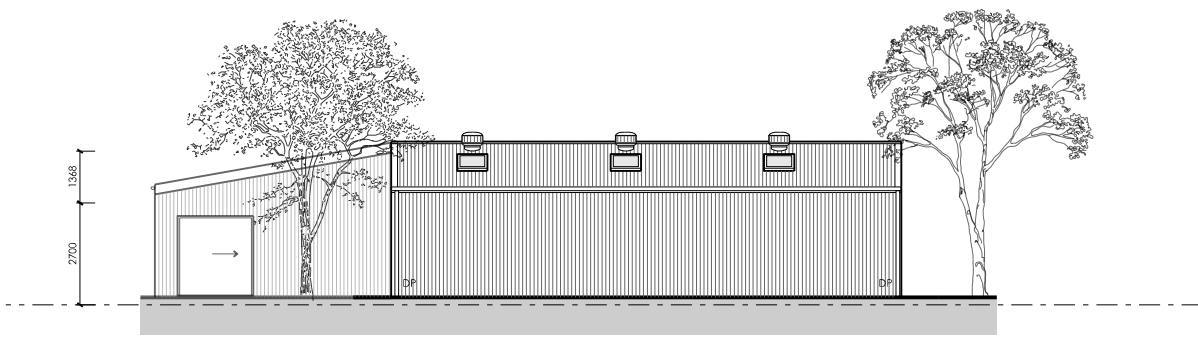
Elevation 1



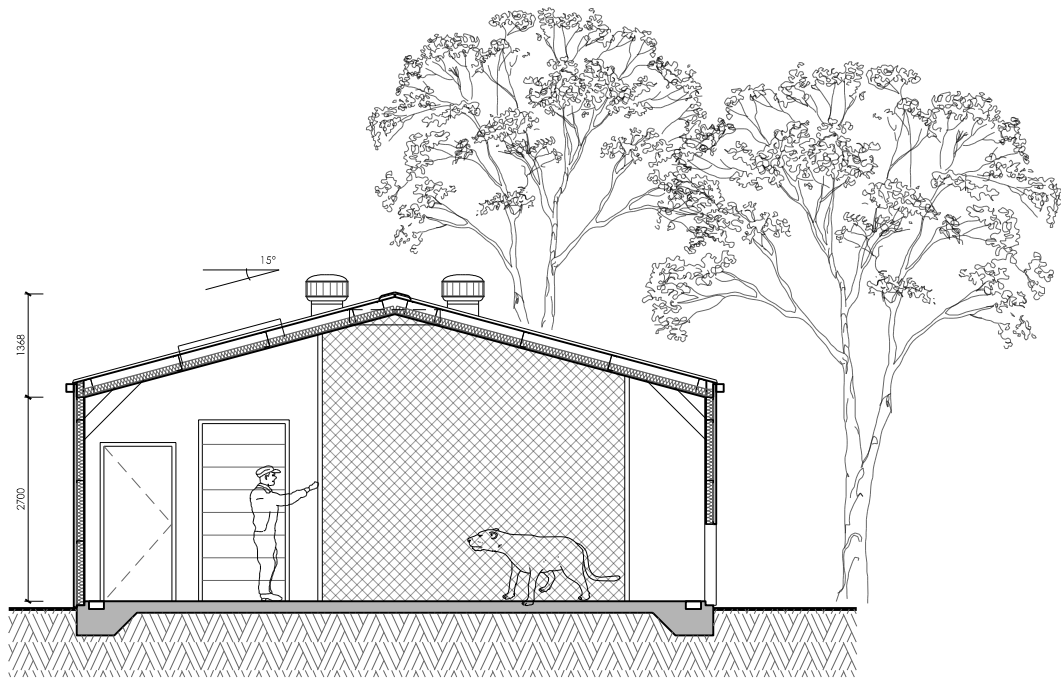
Elevation 3



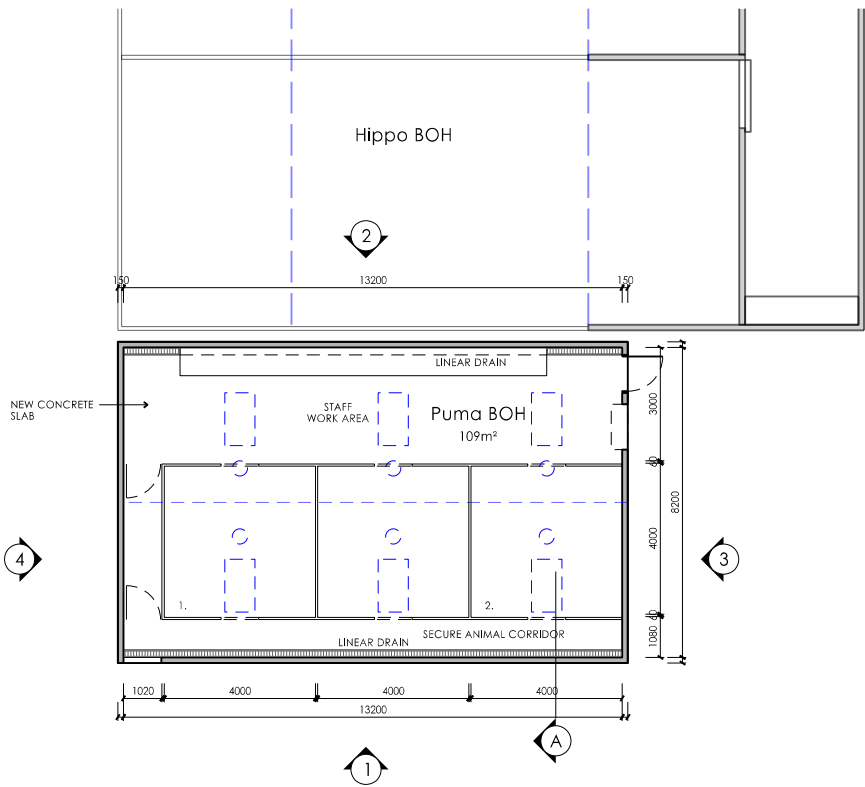
Elevation 4



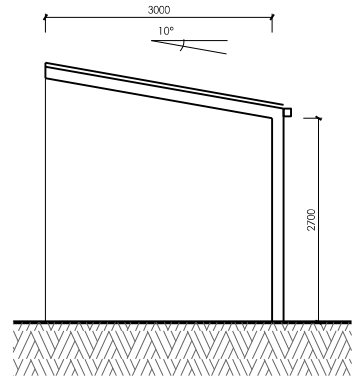
Elevation 2



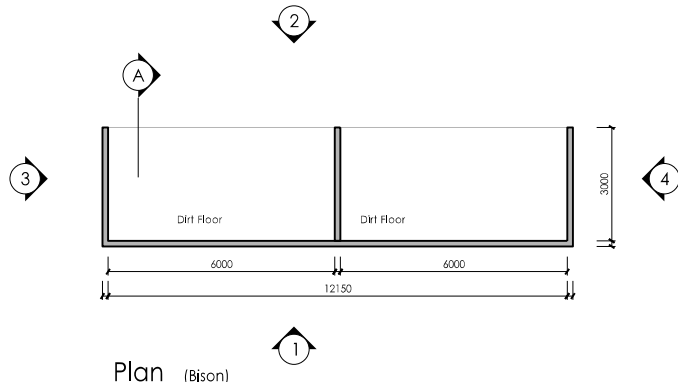
Section A Scale 1:50



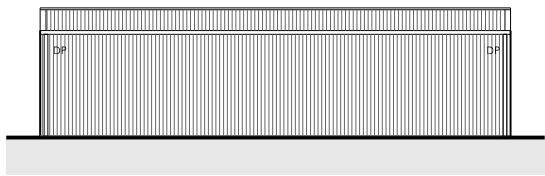
Plan (Puma)



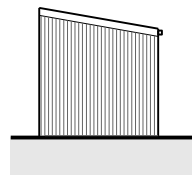
Section A Scale 1:50



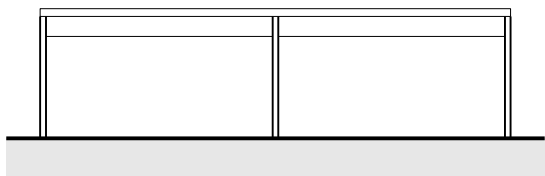
Plan (Bison)



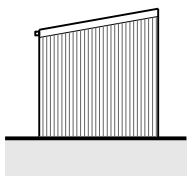
Elevation 1



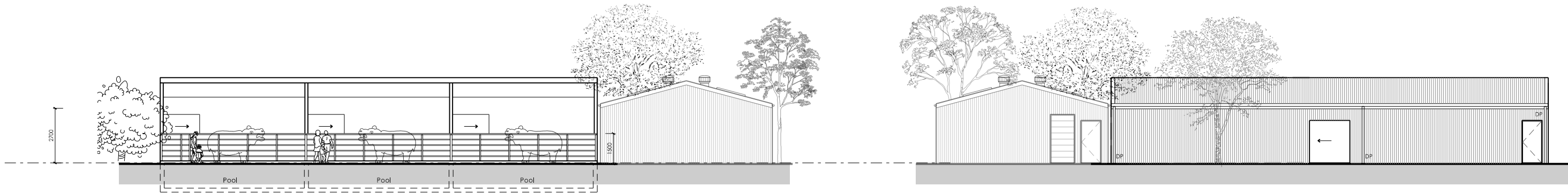
Elevation 3



Elevation 2

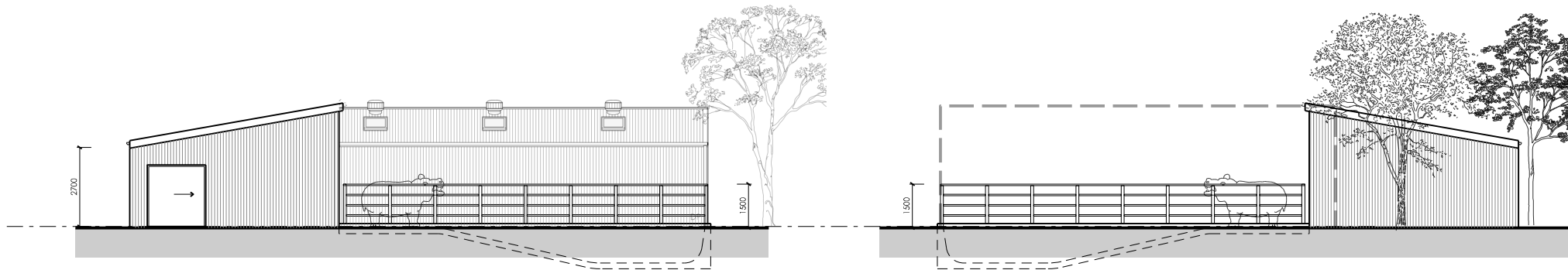


Elevation 4



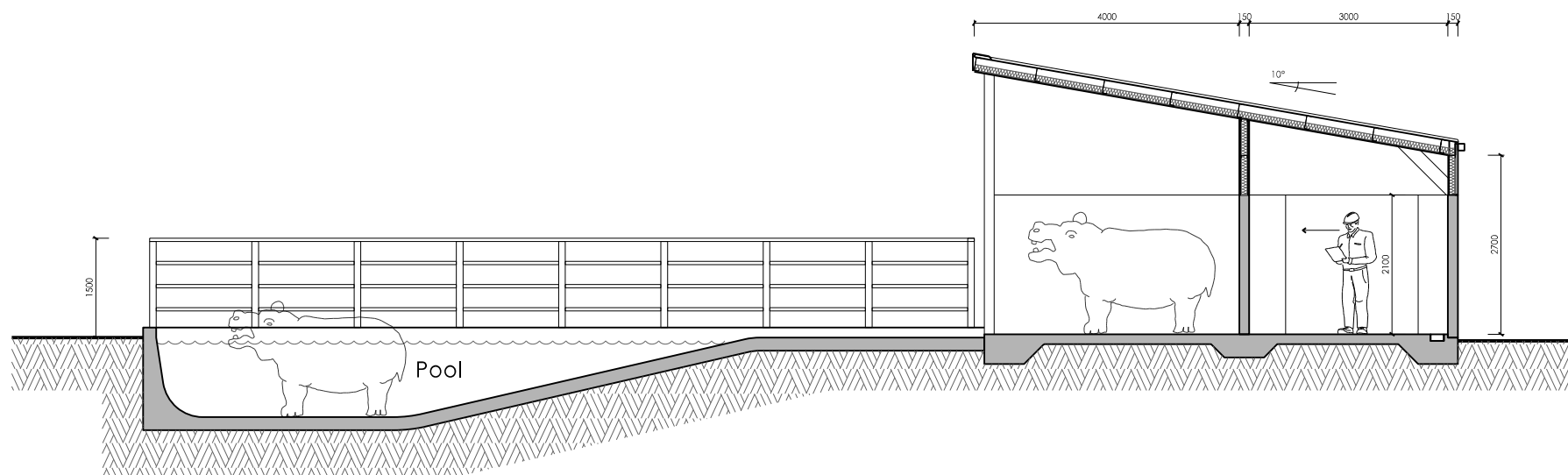
Elevation 1

Elevation 3

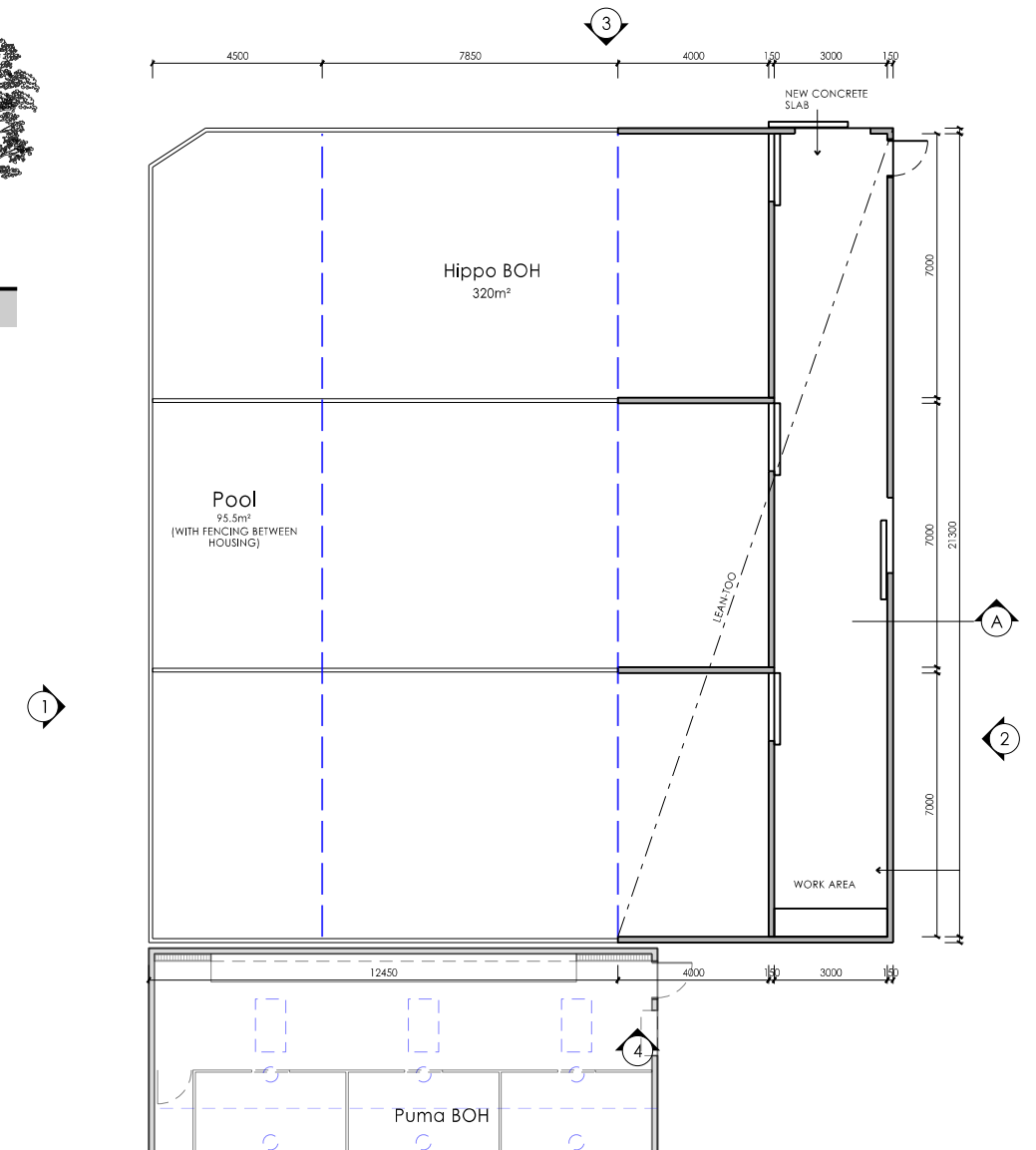


Elevation 2

Elevation 4



Section A Scale 1:50



Plan

Rhino
1060m²

African Grasslands
5821m²

BOH 17

Giraffe/Zebra

Internal = 102.1m²
External = 267.7m²
Total = 369.8m²

BOH 20

BOH 18

Holding Paddocks
2000m²



Client	Sydney Zoo Pty Ltd
Project	New Sydney Zoo Great Western Highway Eastern Creek/Bungarrilly Bee Park Sydney Australia

Architects / Interior Designers

MISHO+ASSOCIATES

EMAIL: MISHO@MISHO.COM.AU WWW.MISHO.COM.AU
MISHO + ASSOCIATES PTY LTD
ACN 065 038 486 ABN 32 065 038 486
TELEPHONE 61 3 6264 2333 FACSIMILE 61 3 6264 3111

Planners/Landscape Architects

ASPECT Studios™

Studio 61, Level 6, 61 Marlborough Street
Surry Hills, NSW 2010



GENERAL NOTES TO ALL:

1. IF IN DOUBT.....ASK!!!
2. BUILDER TO ALLOW FOR THE COORDINATION BETWEEN ALL SERVICES CONTRACTORS. ALLOW TO CROSS CHECK ALL DRAWINGS FROM MECHANICAL, ELECTRICAL, HYDRAULIC CONTRACTOR. WHENEVER A DISCREPANCY IS FOUND THE BUILDER IS TO NOTIFY THE ARCHITECT AND CONSULTANTS IMMEDIATELY.
3. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OR FABRICATION OF ANY ITEMS.

4. THE MECHANICAL CONTRACTOR IS TO ALLOW FOR THE APPROPRIATE BALANCING OF THE AIR CONDITIONING SYSTEMS TO ENSURE ADEQUATE AND PROPER FUNCTION OF THE THERMOSTAT CONTROLS.

5. MAKE GOOD ALL EXISTING SURFACES AS NECESSARY TO RECEIVE NEW PAINT FINISH.

6. ALL BUILDING WORKS AND MATERIALS USED ARE TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS. IF THE BUILDER IS AWARE OF ANY BREACHES OF CODES, THEN THE

7. THE SITE IS TO BE KEPT IN A CONDITION THAT COMPLIES WITH ALL WORKCOVER ACTS, THE SAFETY OF ALL THE SUBCONTRACTORS, VISITORS AND OTHER PERSONS SHOULD NOT BE COMPROMISED AT ANY TIME.

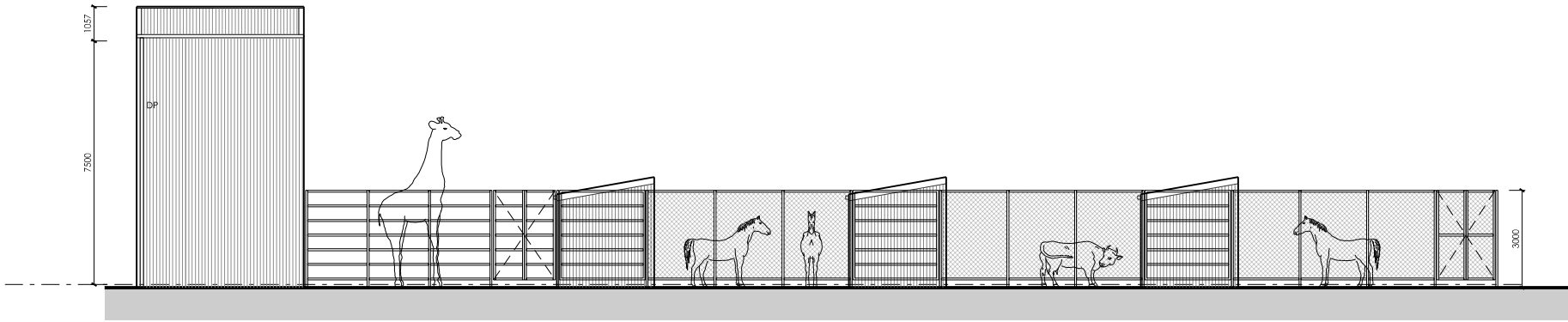
ALL THE ARCHITECTURAL DOCUMENTATION IS TO BE READ IN CONJUNCTION WITH MASTER PLANNING DOCUMENTATION, LANDSCAPE DOCUMENTATION AND ALL OTHER ENGINEERING DOCUMENTATION. IF THERE ARE ANY DISCREPANCIES PLEASE INFORM THE AUTHOR.

E	EIS Exhibition Document	03/12
D	Test For Adequacy	02/11
C	Draft DA Issue	30/10
B	Draft DA Issue	22/10
A	Final Draft DA Issue	9/10
Row	Group	Due

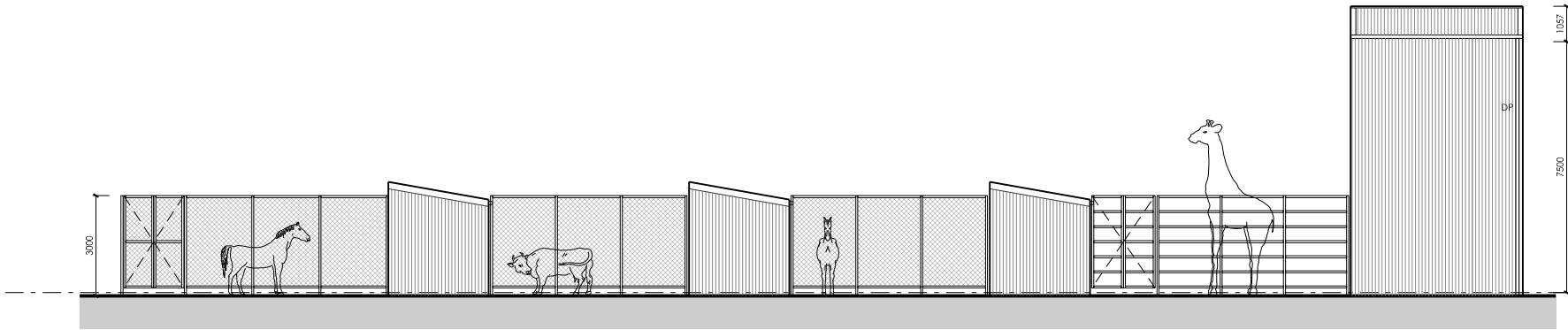
Boh 17 - Site & Floor Plan Giraffes/Zebra



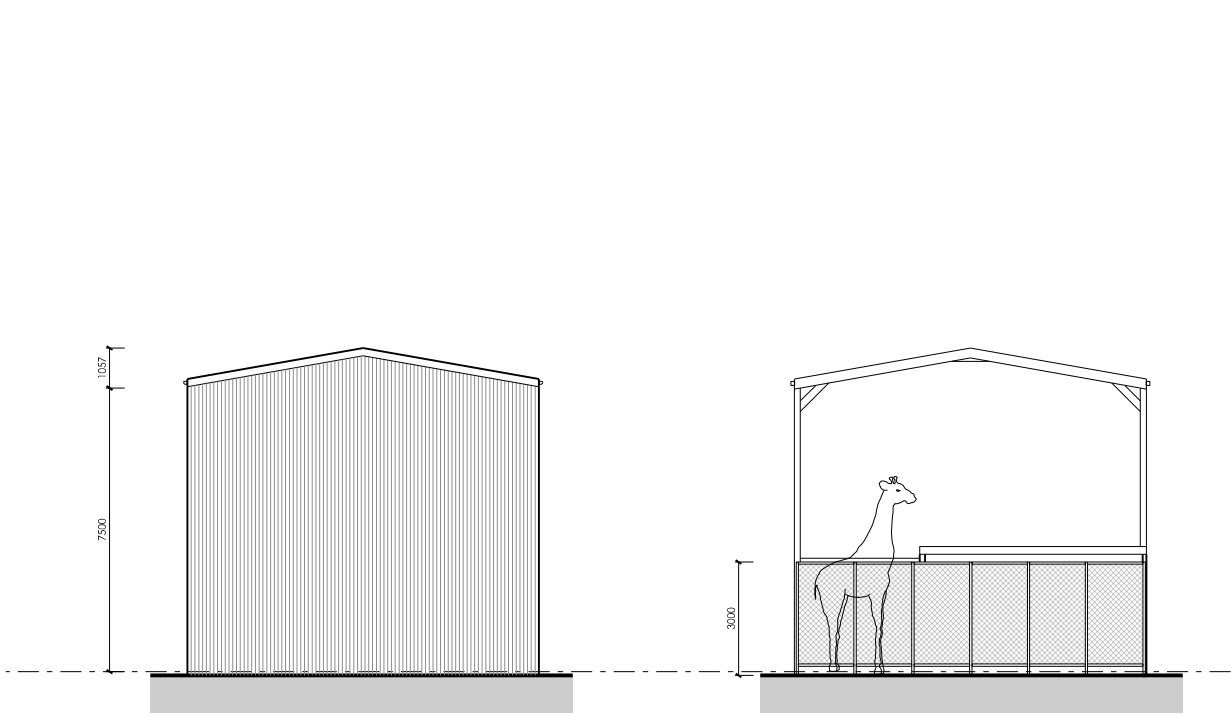
Drawn: JH	Date: October 2015	
Approved: MV	Scale: 1:150 @ A1 1:300 @ A3	
Job No 15-565	Number DA 800	Issue E



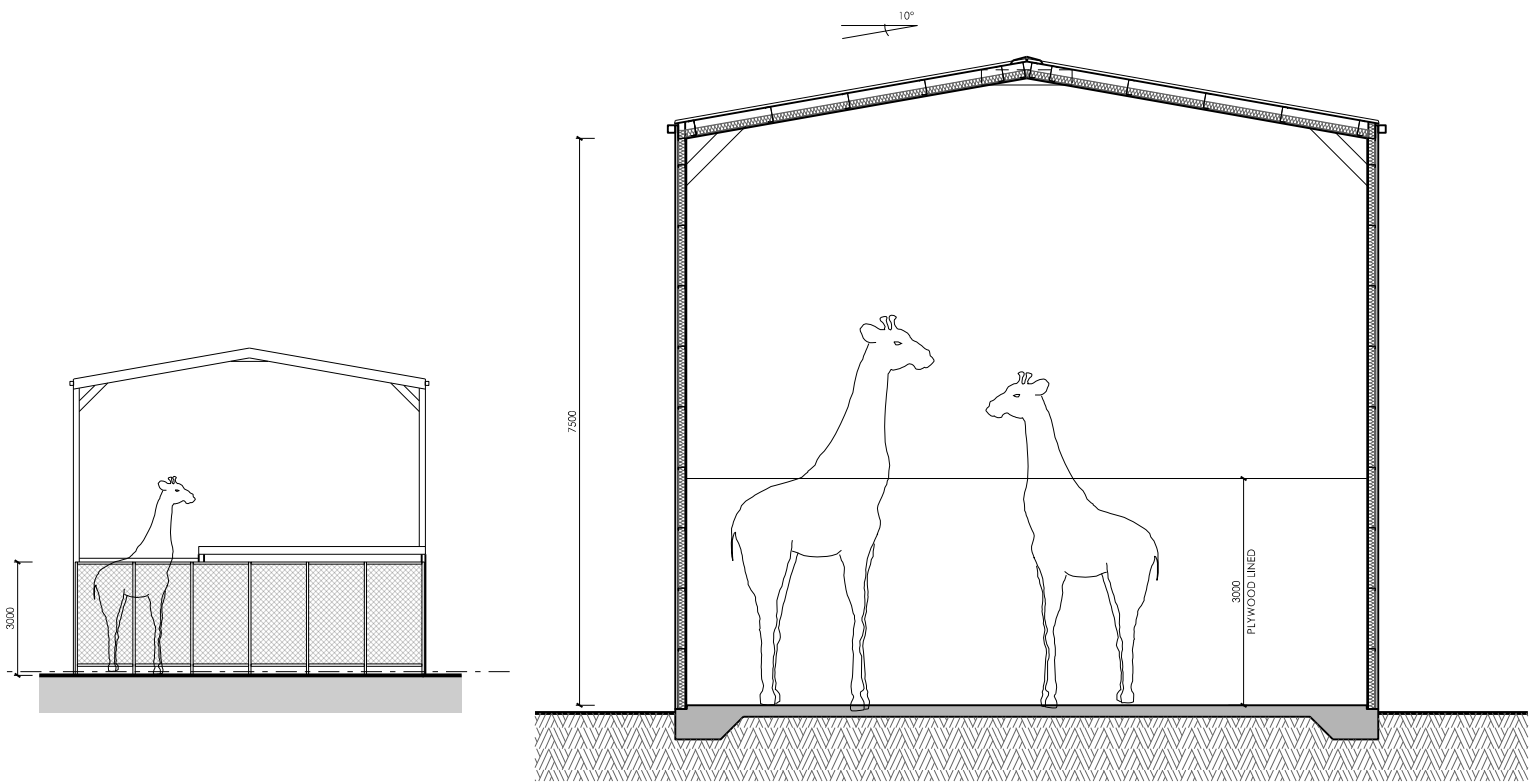
Elevation 1



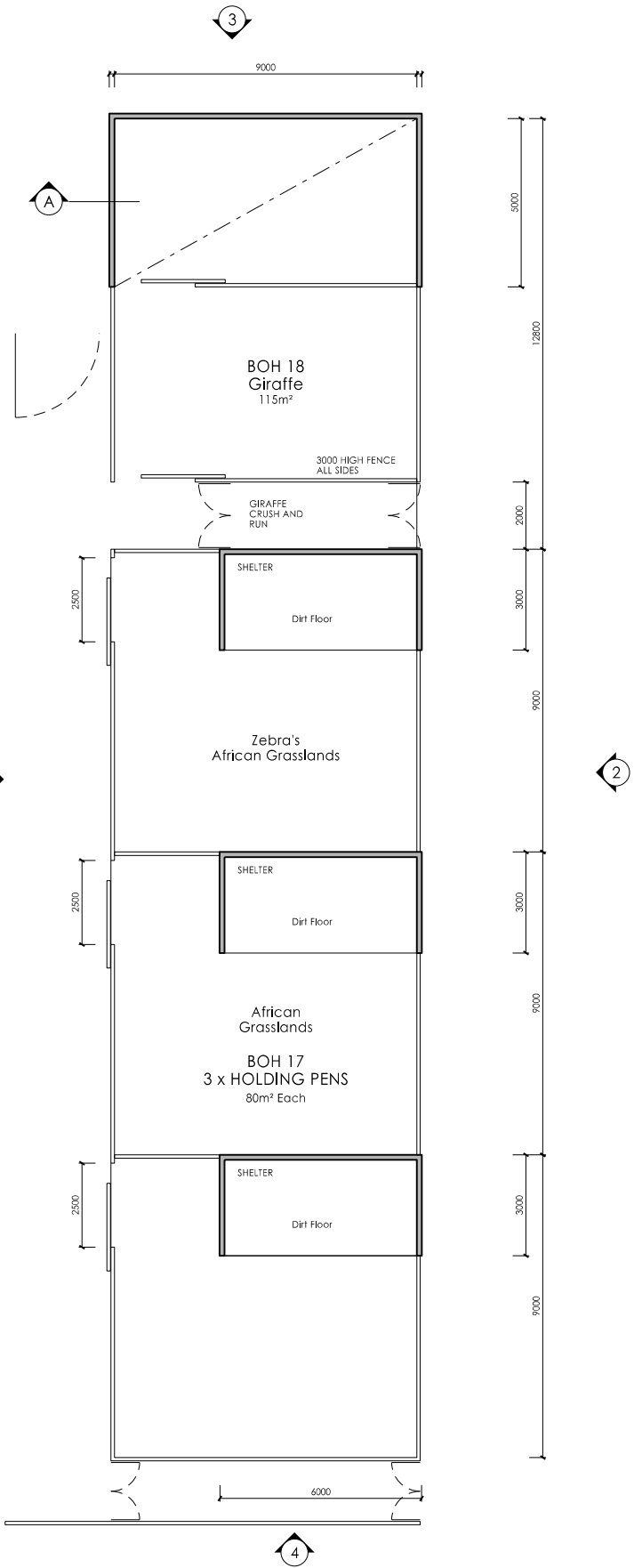
Elevation 2



Elevation 2

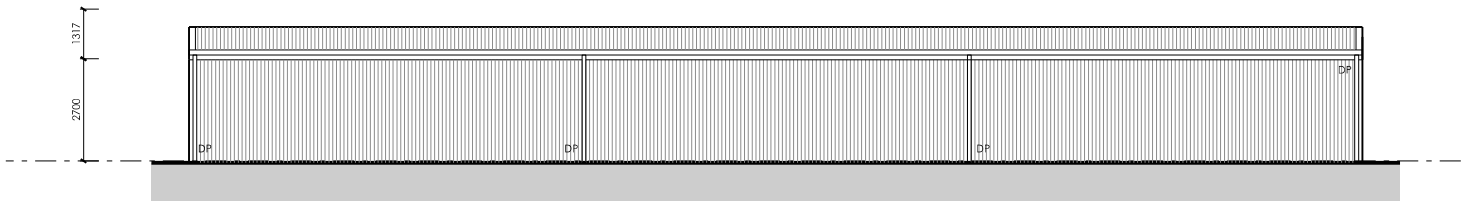


Section A Scale 1:50

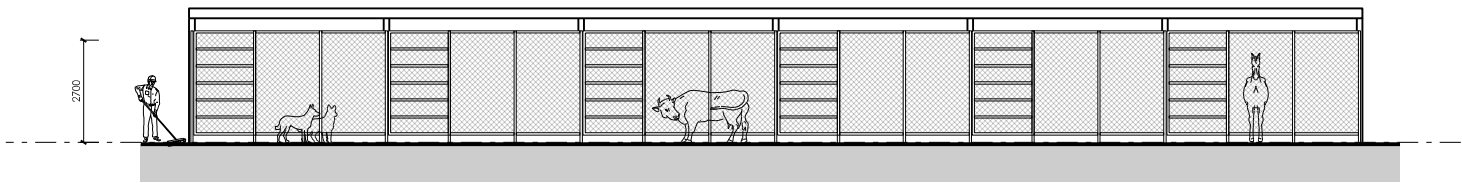


Plan

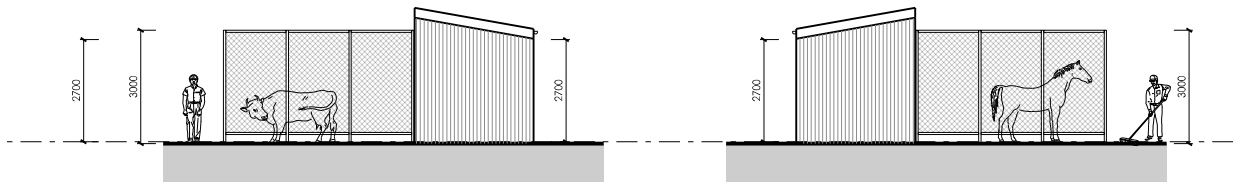




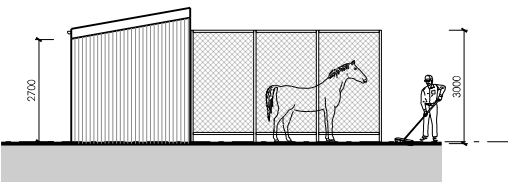
Elevation 1



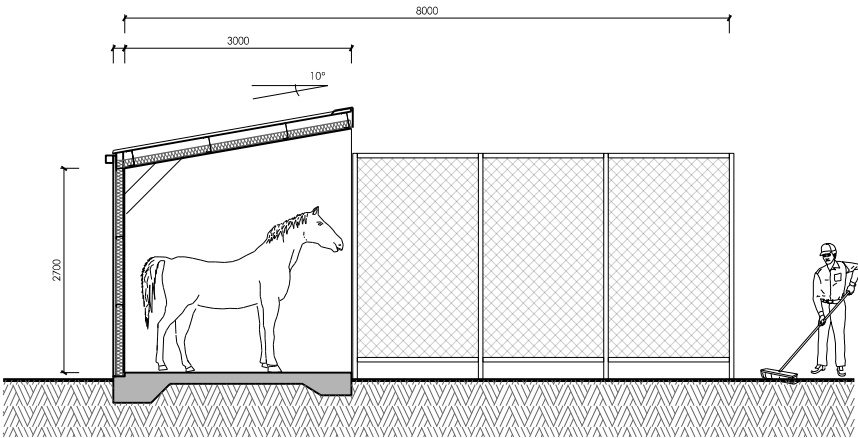
Elevation 2



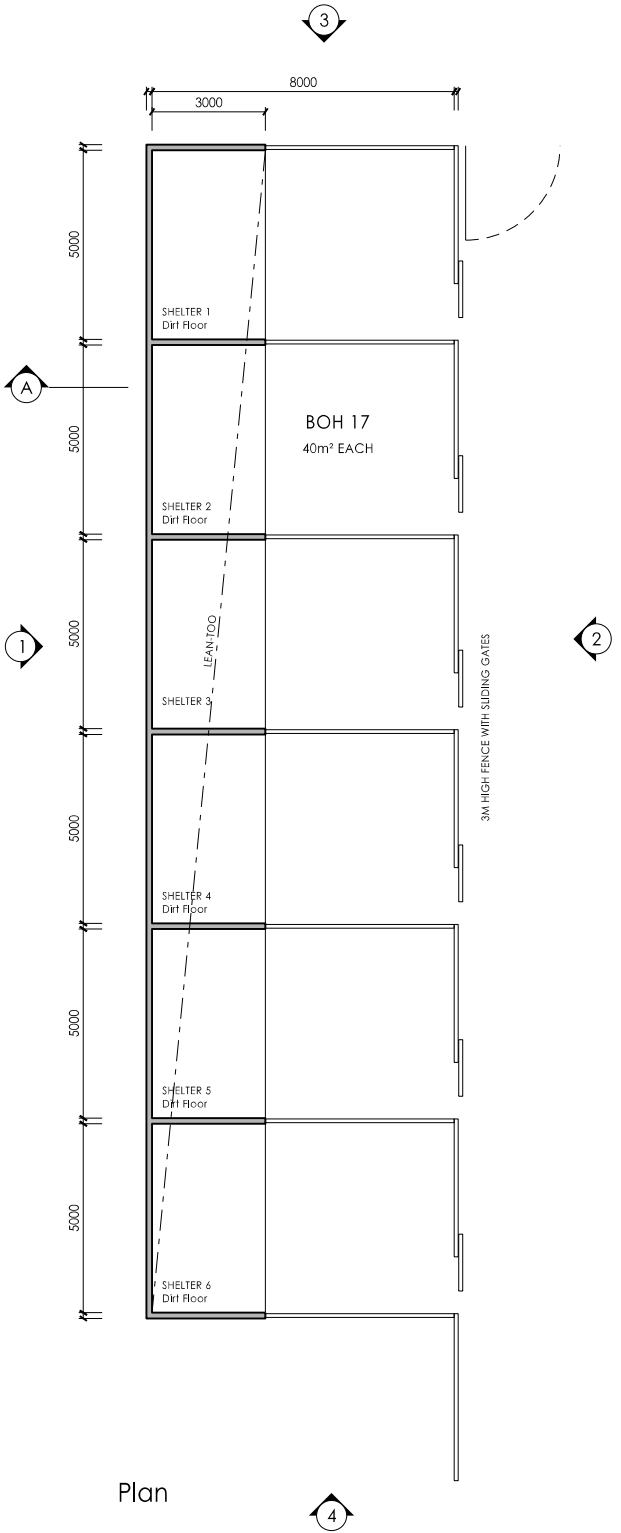
Elevation 3



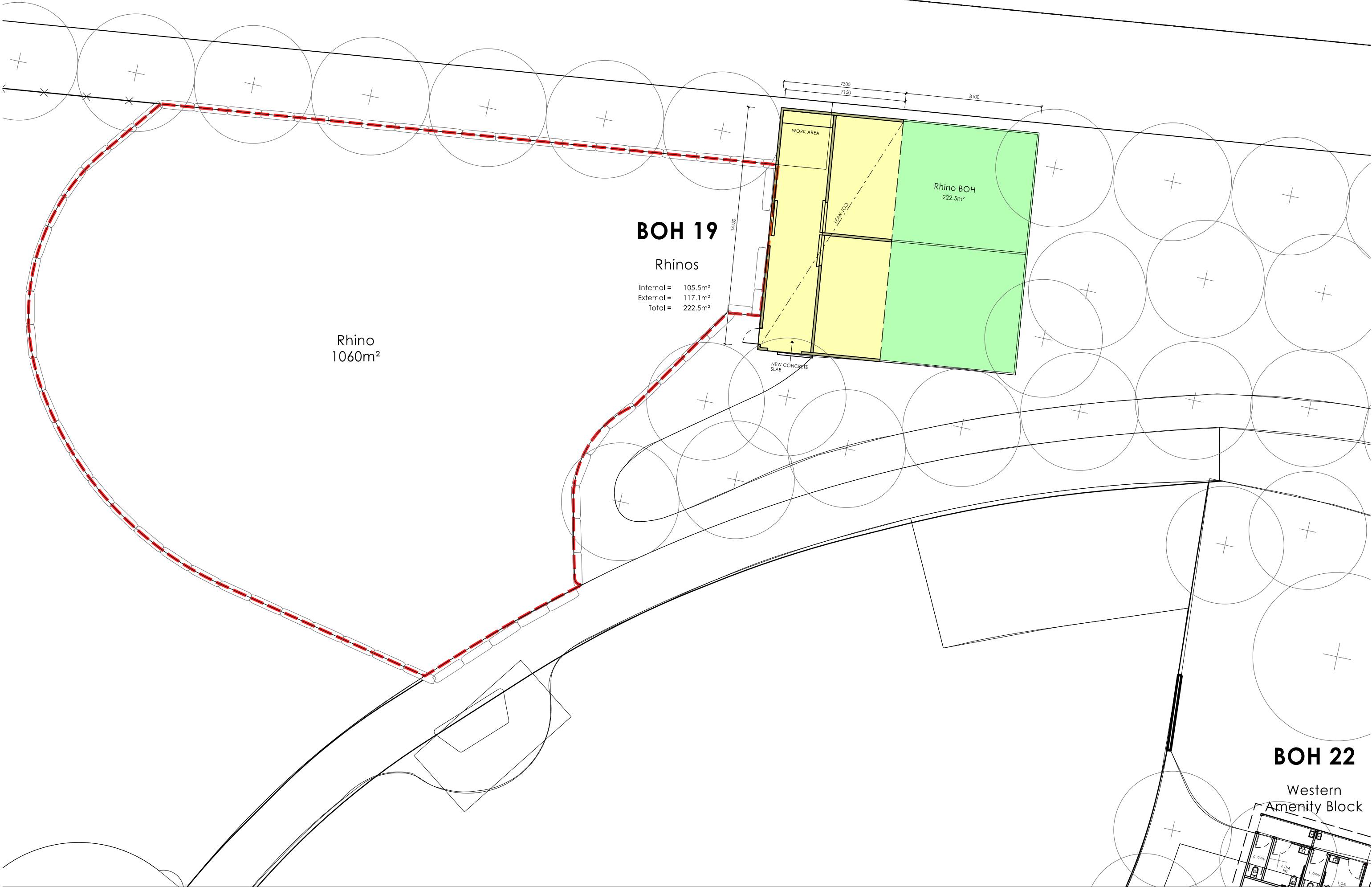
Elevation 4



Section A Scale 1:50



Plan



BOH 19

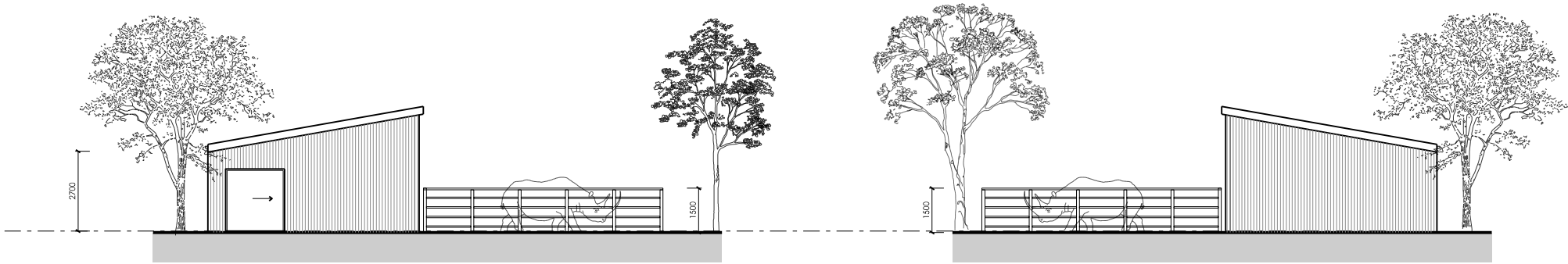
Rhinos

Internal = 105.5m²
External = 117.1m²
Total = 222.5m²

Rhino
1060m²

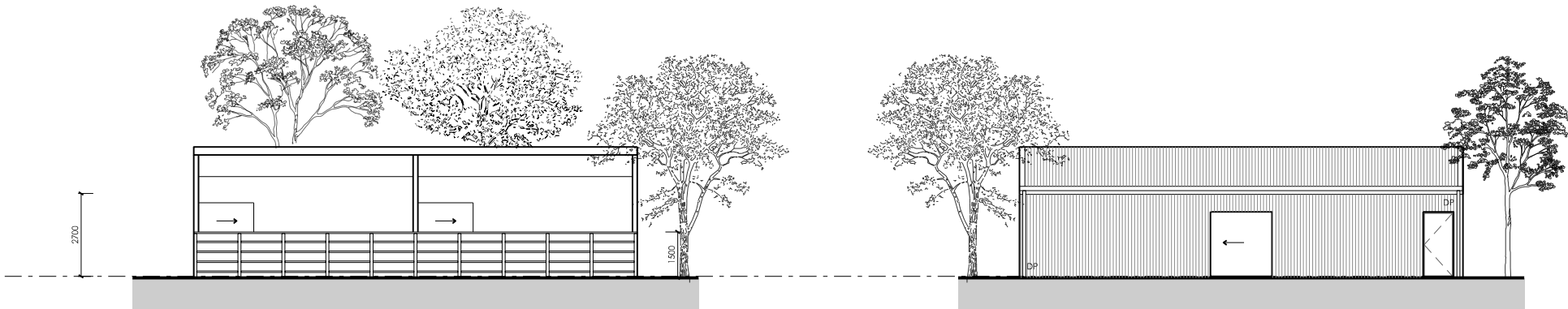
BOH 22

Western
Amenity Block



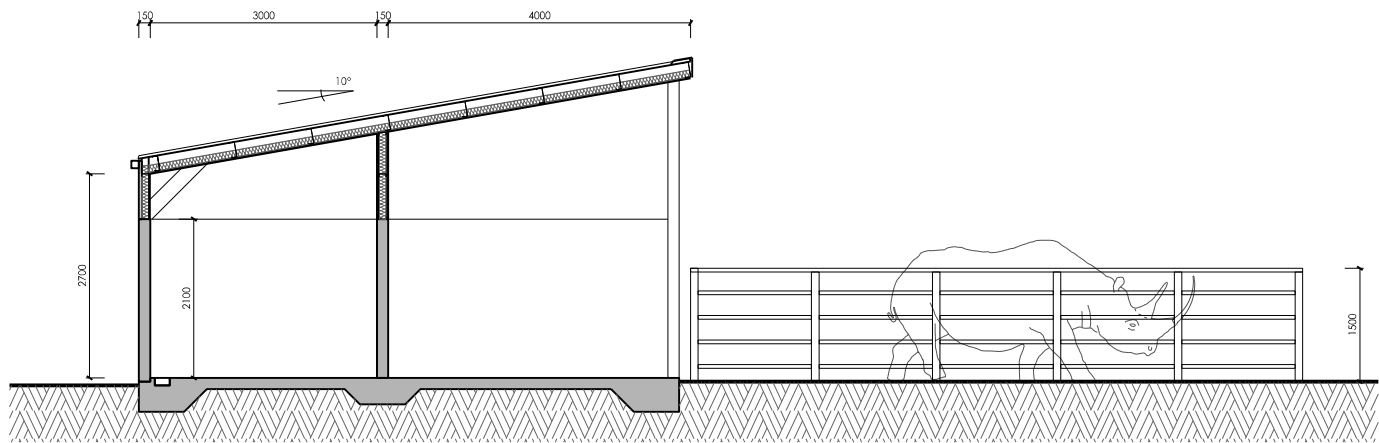
Elevation 1

Elevation 3

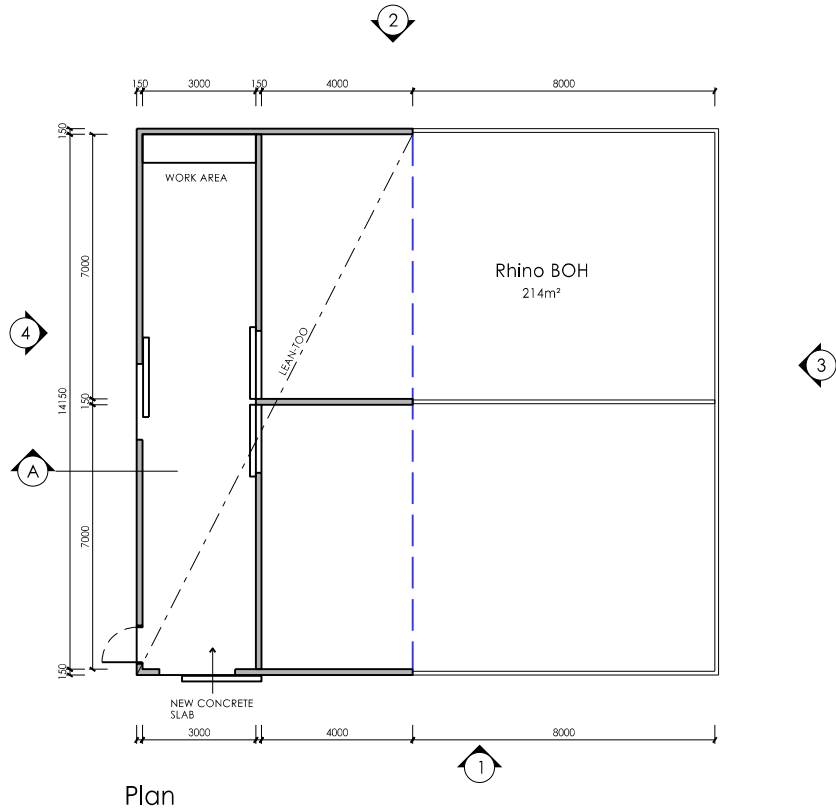


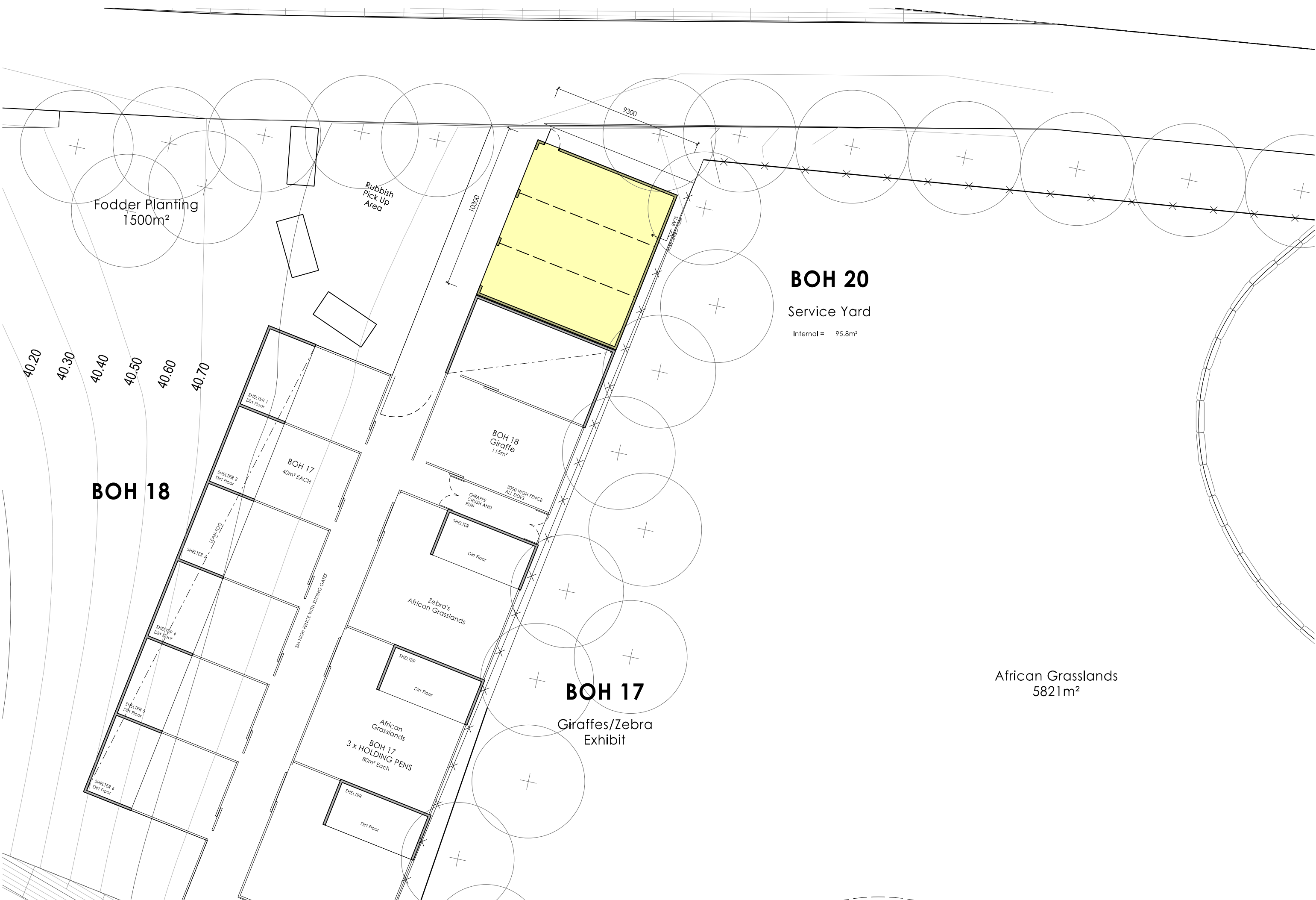
Elevation 2

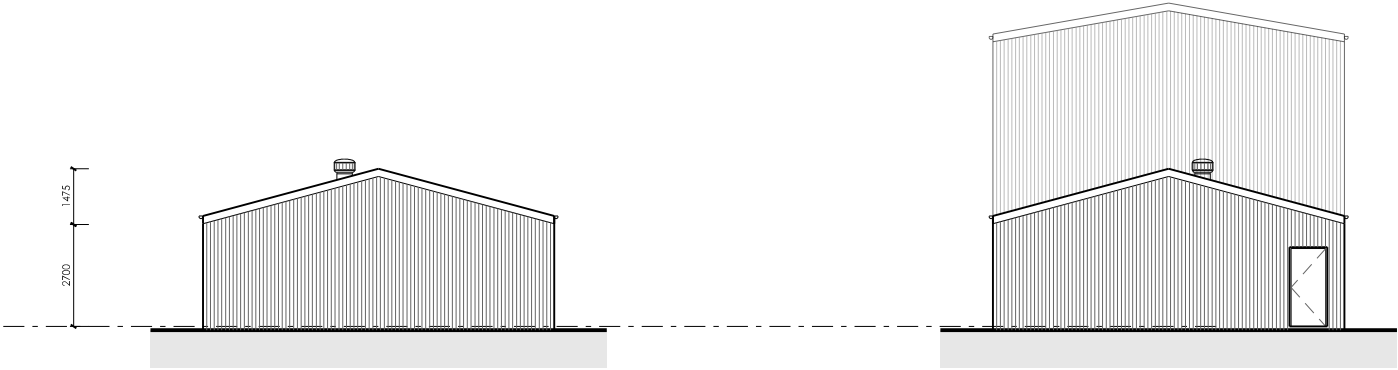
Elevation 4



Section A Scale 1:50

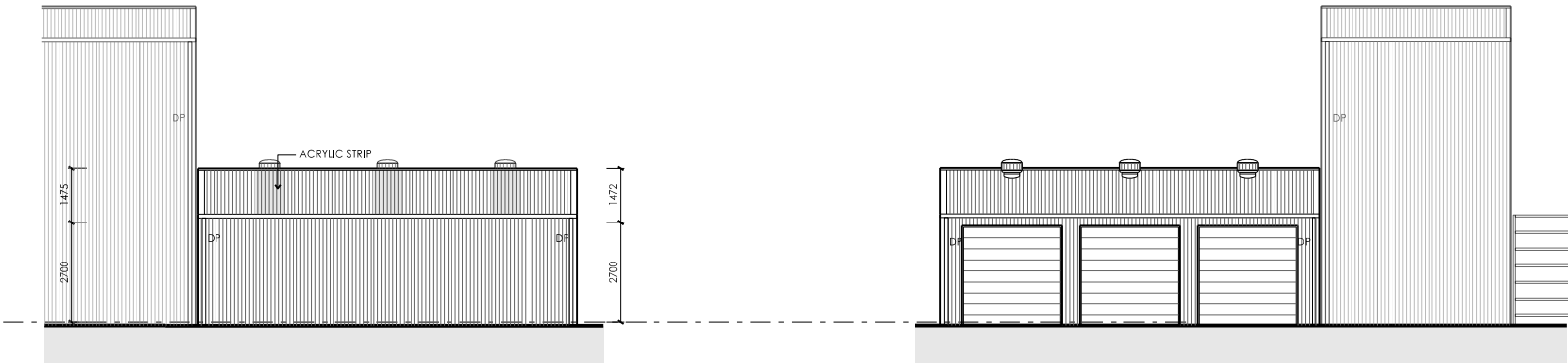






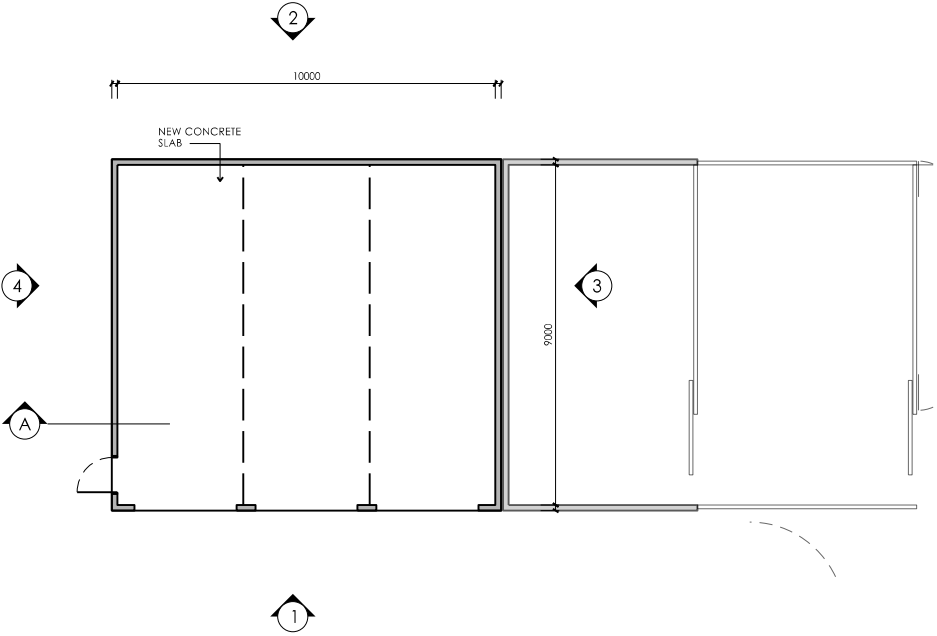
Elevation 1

Elevation 2

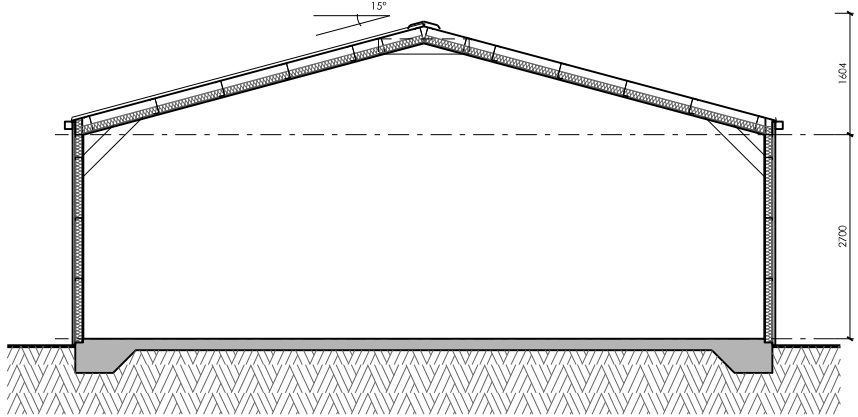


Elevation 3

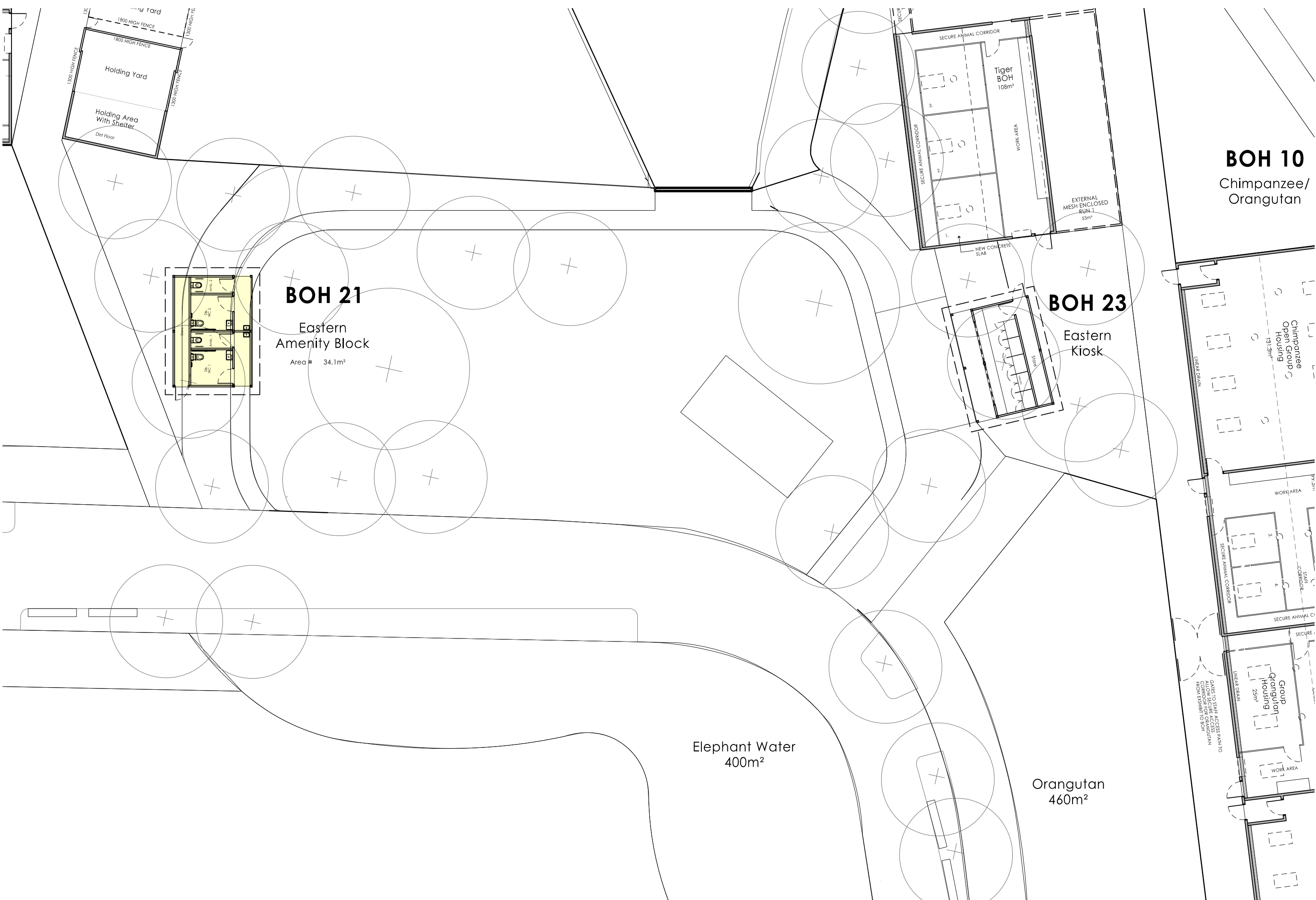
Elevation 4

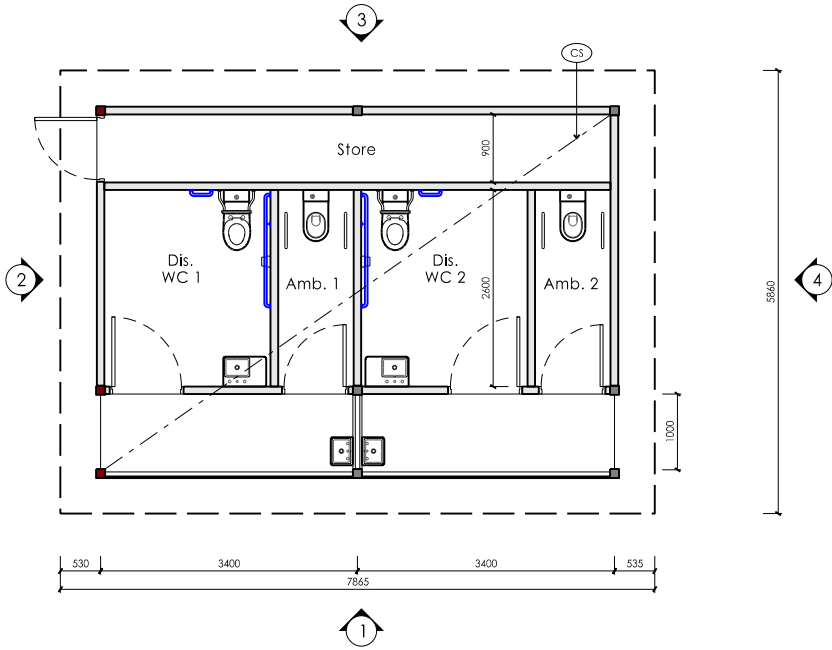
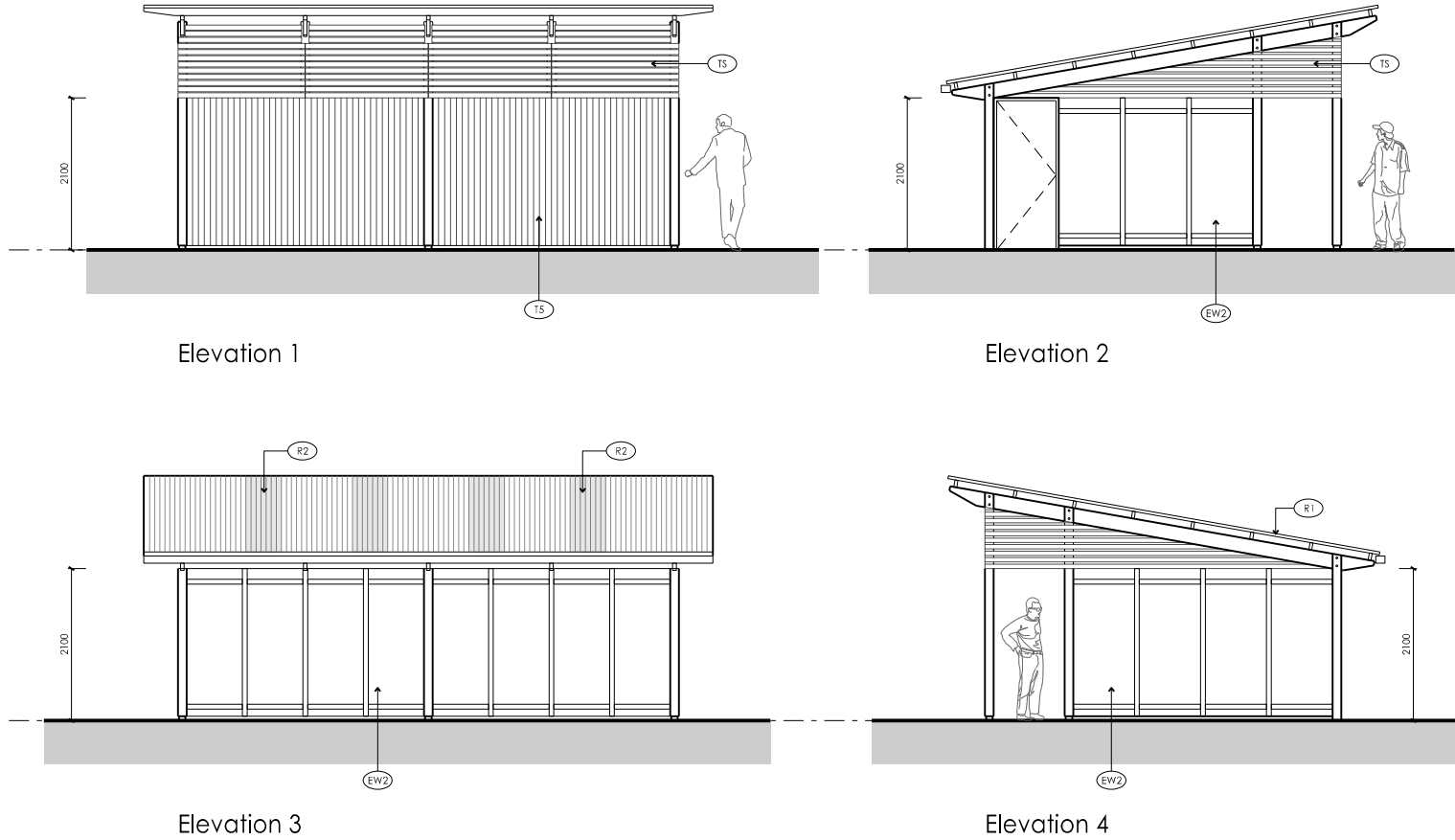


Plan



Section A Scale 1:50





NOTES

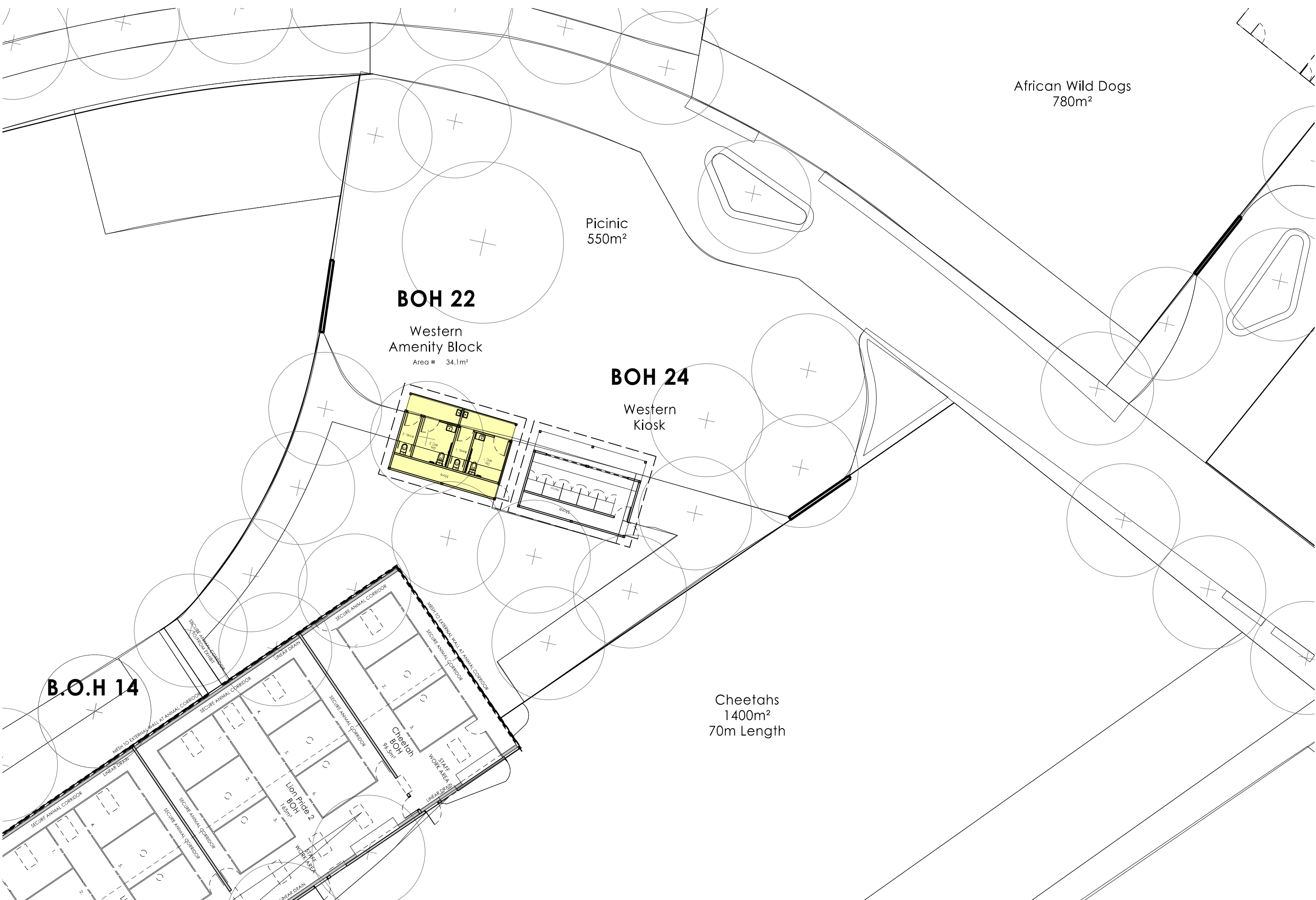
C5 The new concrete slab to have a layer on a prepared level block and fill base. The edge beams and external upturns are to be left exposed for termite inspections. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.

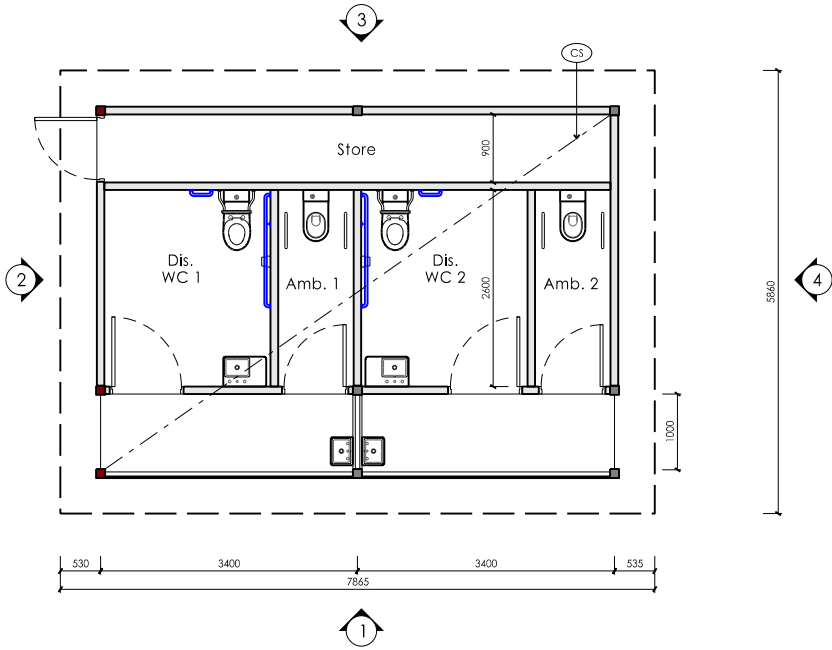
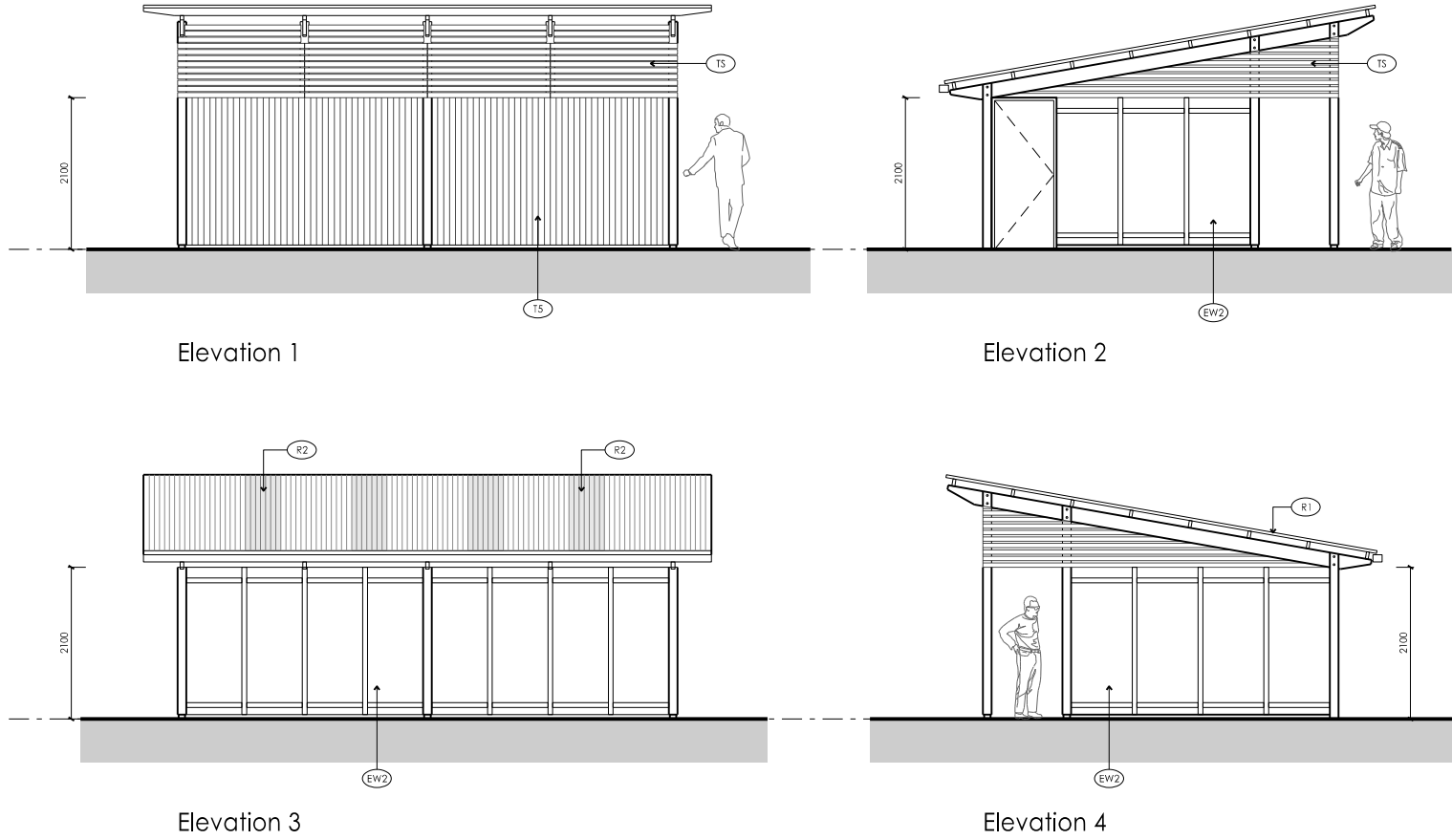
TS New timber slats to be laid over a steel sub frame.

EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover fins over the vertical joints. Installed in accordance with manufacturers instructions. The plywood is to be to vertical and horizontal 40mm top hat sections. Between the top hat sections is to be placed 30mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal Protowrap wall membrane. Over the external face of the new 105mm cross laminated timber panels (CLT) is to be placed 40mm top hat section of 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.

R1 New Lysaght Klip-lok 700 HI strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Enviroseal protowrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the purlins. Under the roof sheeting is to be Bradford Thermofal Heavy Duty facing over new insulation batts. Allow for roof sheeting to be securely fixed to new timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protowrap High Tensile Roof. Sarking underlay should be CSF Bradford Enviroseal ProctorWrap HI-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal ProctorWrap HI-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal ProctorWrap HI-R is unsupported, laps should be taped with ProctorWrap M15 Tape to prevent moisture draining back into the insulation. Fall type sarking do not comply with this specification.

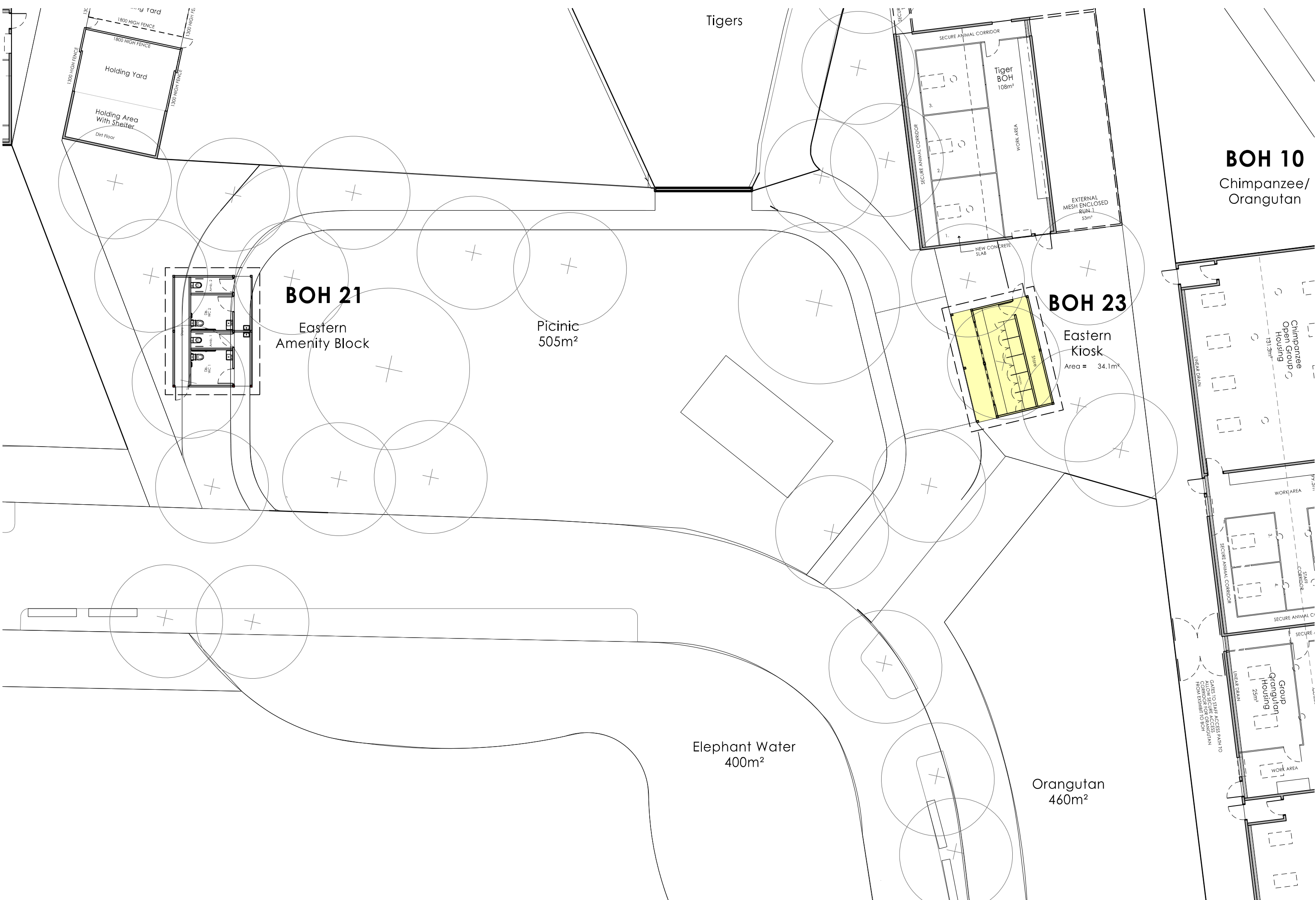
R2 New Laserlife 3000 in platinum to be screw fixed over new roof framing of the building roof for natural daylight.

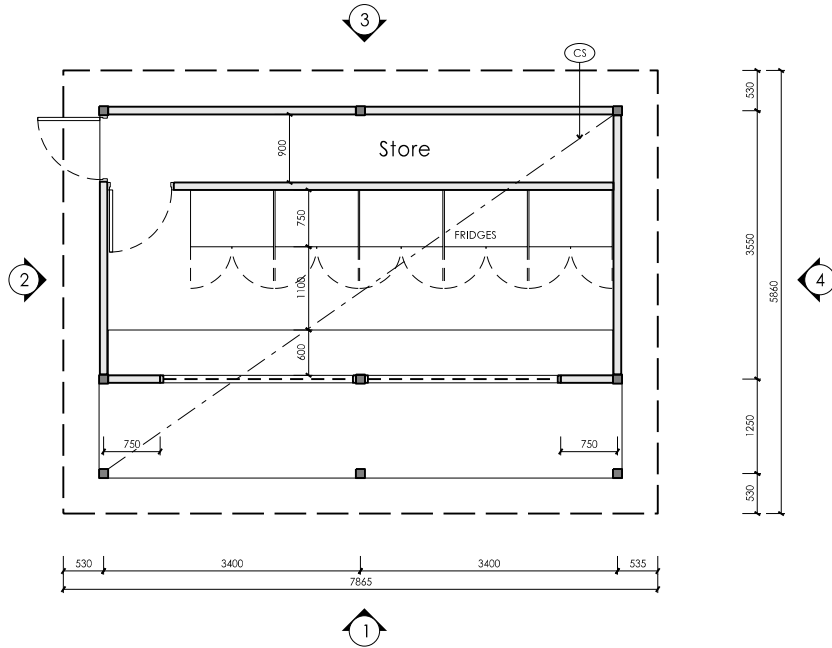
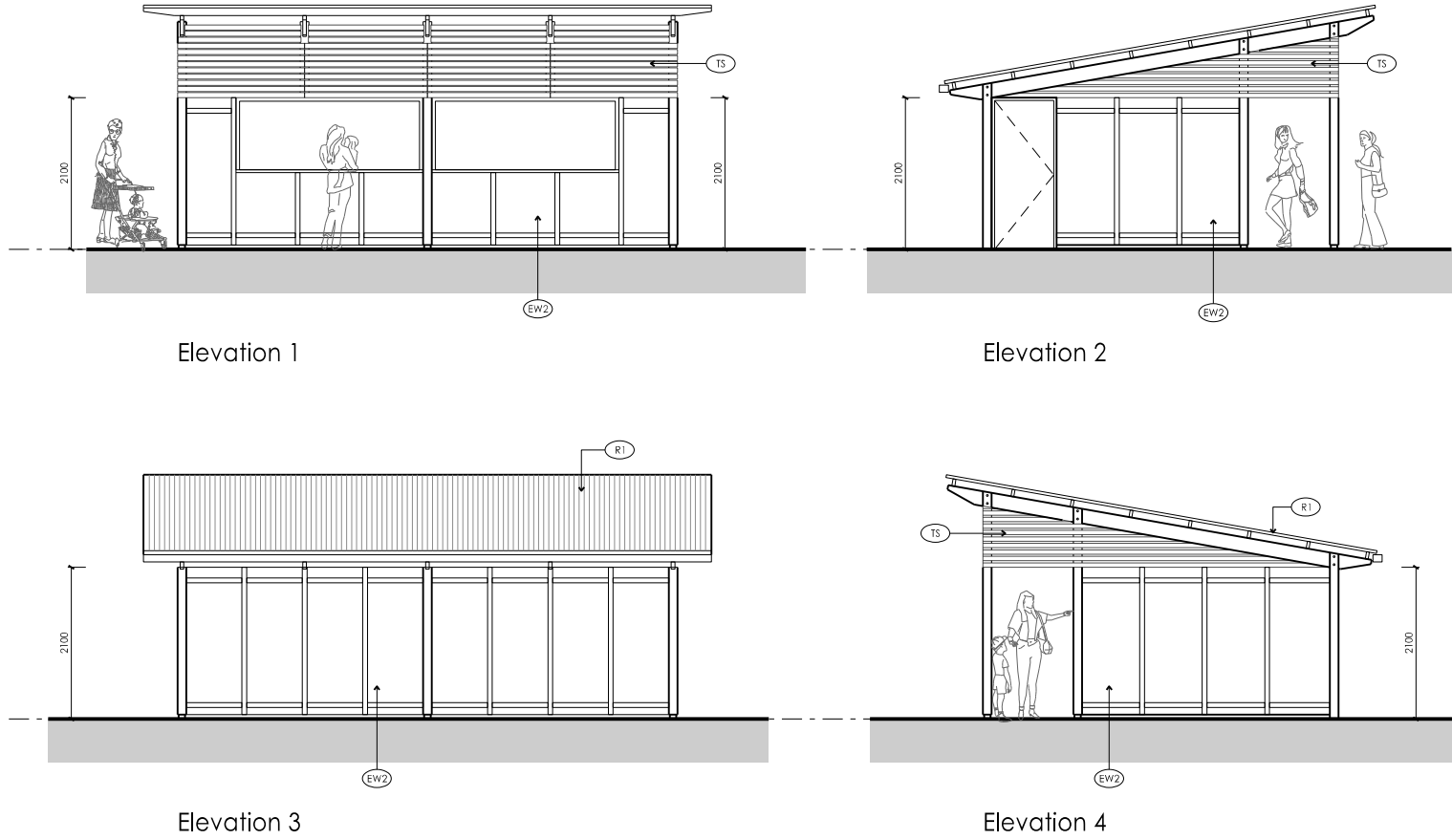




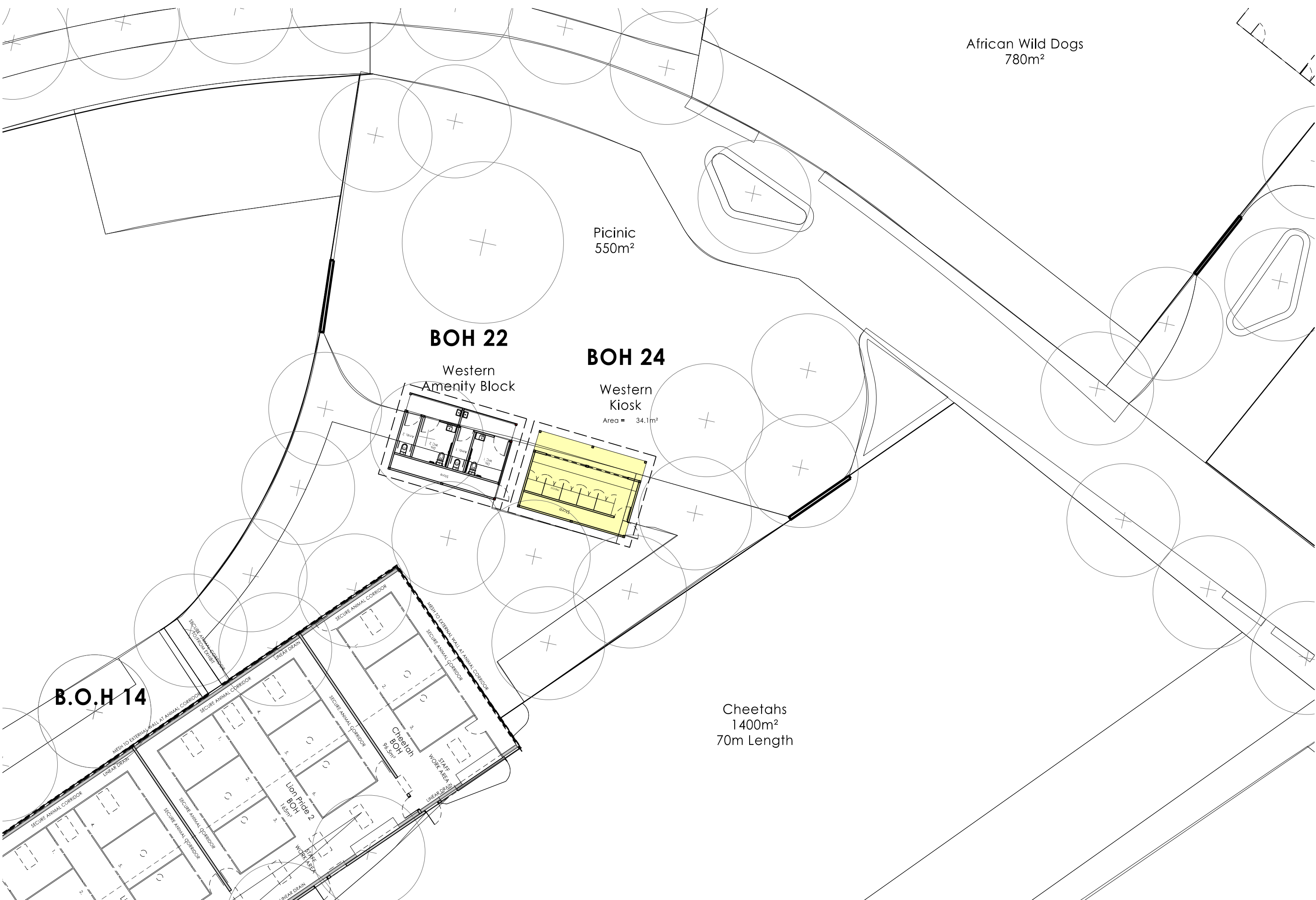
Plan

- NOTES**
- C5** The new concrete slab to have a layer on a prepared level block and fill base. The edge beams and external upturns are to be left exposed for termite inspections. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- TS** New timber slats to be laid over a steel sub frame.
- EW3** Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover firms over the vertical joints. Installed in accordance with manufacturers instructions. The plywood is to be to vertical and horizontal 40mm top hat sections. Between the top hat sections is to be placed 30mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal Protowrap wall membrane. Over the external face of the new 105mm cross laminated timber panels (CLT) is to be placed 40mm top hat section of 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.
- R1** New Lysaght Klip-lok 700 HI strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Enviroseal protowrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal tape to separate the roof sheets from the purlins. Under the roof sheeting is to be Bradford Thermofal Heavy Duty facing over new insulation batts. Allow for roof sheeting to be securely fixed to new timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protowrap High Tensile Roof. Sarking underlay should be CSF Bradford Enviroseal ProctorWrap HI-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal ProctorWrap HI-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal ProctorWrap HI-R is unsupported, laps should be taped with ProctorWrap M15 Tape to prevent moisture draining back into the insulation. Fall type sarking do not comply with this specification.
- R2** New Laserlife 3000 in platinum to be screw fixed over new roof framing of the building roof for natural daylight.





- NOTES**
- C5 The new concrete slab to have a layer on a prepared level block and fill base. The edge beams and external upturns are to be left exposed for termite inspections. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.
- TS New timber slats to be laid over a steel sub frame.
- EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover fins over the vertical joints. Installed in accordance with manufacturers instructions. The plywood is to be to vertical and horizontal 40mm top hat sections. Between the top hat sections is to be placed 30mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal Protowrap wall membrane. Over the external face of the new 105mm cross laminated timber panels (CLT) is to be placed 40mm top hat section of 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.
- R1 New Lysaght Klip-lok 700 Hi strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Enviroseal protowrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal laps to separate the roof sheets from the purlins. Under the roof sheeting is to be Bradford Thermalall Heavy Duty facing over new insulation batts. Allow for roof sheeting to be securely fixed to new timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal protowrap High Tensile Roof. Sarking underlay should be CSB Bradford Enviroseal ProctorWrap HI-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal ProctorWrap HI-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal ProctorWrap HI-R is unsupported, laps should be taped with ProctorWrap M15 Tape to prevent moisture draining back into the insulation. Fall type sarking do not comply with this specification.
- R2 New Laserlite 3000 in platinum to be screw fixed over new roof framing of the building roof for natural daylight.



African Wild Dogs
780m²

Picnic
550m²

BOH 22

Western
Amenity Block

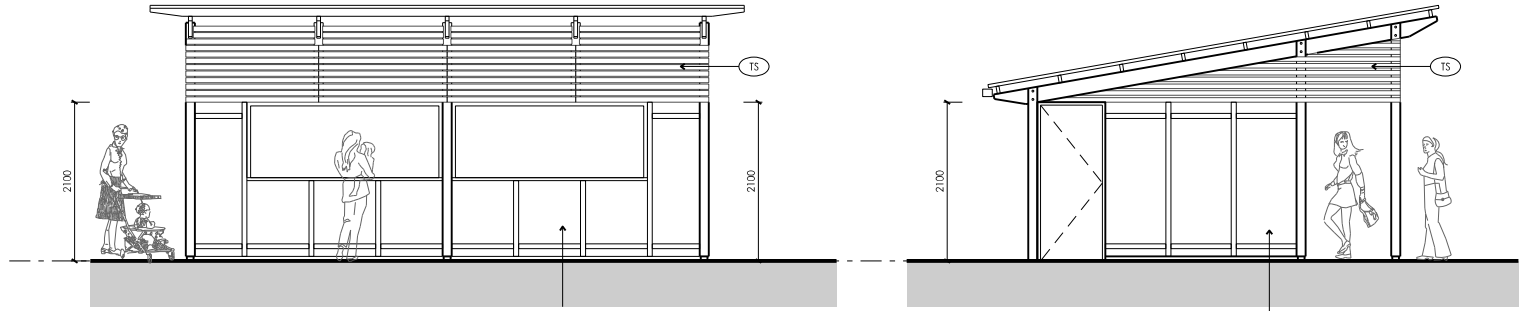
BOH 24

Western
Kiosk

Area = 34.1m²

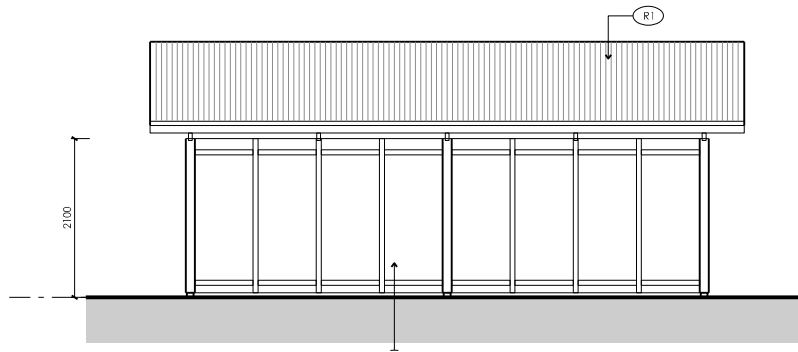
B.O.H 14

Cheetahs
1400m²
70m Length

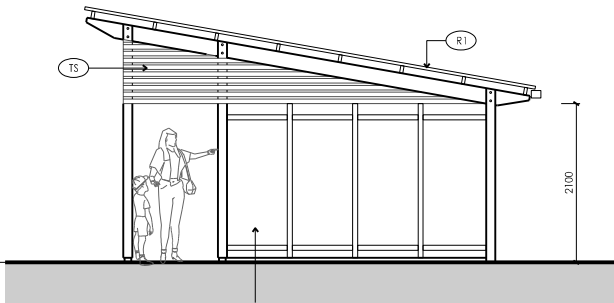


Elevation 1

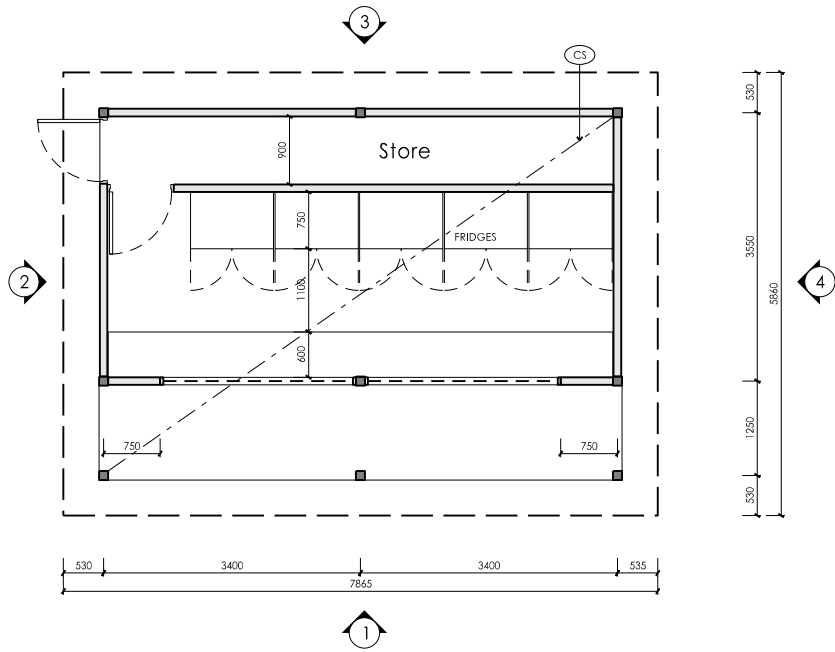
Elevation 2



Elevation 3



Elevation 4



Plan

NOTES

C5 The new concrete slab to have a layer on a prepared level block and fill base. The edge beams and external upturns are to be left exposed for termite inspections. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with soil.

TS New timber slats to be laid over a steel sub frame.

EW3 Externally new wall sheeting is to be clad in shadowclad plywood with a textured finish with timber cover trims over the vertical joints. Installed in accordance with manufacturers instructions. The plywood is to be to vertical and horizontal 40mm top hat sections. Between the top hat sections is to be placed 30mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed is Enviroseal Protowrap wall membrane. Over the external face of the new 105mm cross laminated timber panels (CLT) is to be placed 40mm top hat section of 600 horizontal spacing for the fixing of the external cladding. The cross laminated panel (CLT) is to sit on the edge of the set down in the concrete slab.

R1 New Lysaght Klip-lok 700 Hi strength roof sheeting BMT 0.60 in selected colour bond colour to match as close as possible to existing. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for the supply and installation of safety mesh where required over the new and old purlins and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Fletchers. Enviroseal Protowrap High Tensile Roof membrane placed over the top of the purlins. Allow for a thermal laps to separate the roof sheets from the purlins. Under the roof sheeting is to be Bradford Thermofal Heavy Duty facing over new insulation batts. Allow for roof sheeting to be securely fixed to new timber and steel structure. Fixings to be in accordance with manufactured specifications. All new roof flashings and screw fixings are to be compatible and of the same colour. Allow for an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 120 mm either from Bradford or Fletchers. Under the roof sheeting the builder is to allow for the installation of Enviroseal Protowrap High Tensile Roof. Sarking underlay should be CSB Bradford Enviroseal ProctorWrap HI-R vapour permeable roofing underlay, tested to AS/NZS 4200.1:1994 standards, secured in accordance with product user guide. Bradford Enviroseal ProctorWrap HI-R should be laid under the roofing material and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters. On low pitched roofs if Enviroseal ProctorWrap HI-R is unsupported, laps should be taped with ProctorWrap M15 Tape to prevent moisture draining back into the insulation. Fall type sarking do not comply with this specification.

R2 New Laserlite 3000 in platinum to be screw fixed over new roof framing of the building roof for natural daylight.