



Building 2
Boma Restaurant

Building 6
Aquarium

PICNIC AREA

For Section 96 Approval

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

NORTHROP

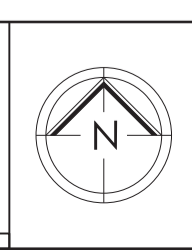
GENERAL NOTES TO ALL:

- IF IN DOUBT - ASK!
- 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.
- ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OR FABRICATION OF ANY ITEMS.
- 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.
- MAKE GOOD ALL EXISTING SURFACES AS NECESSARY TO RESEAL NEW PAINT FINISH.
- 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.
- 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.

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Rev.	Issue For	Date
F	Section 96	14.03.16
E	EIS 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	3.10.15

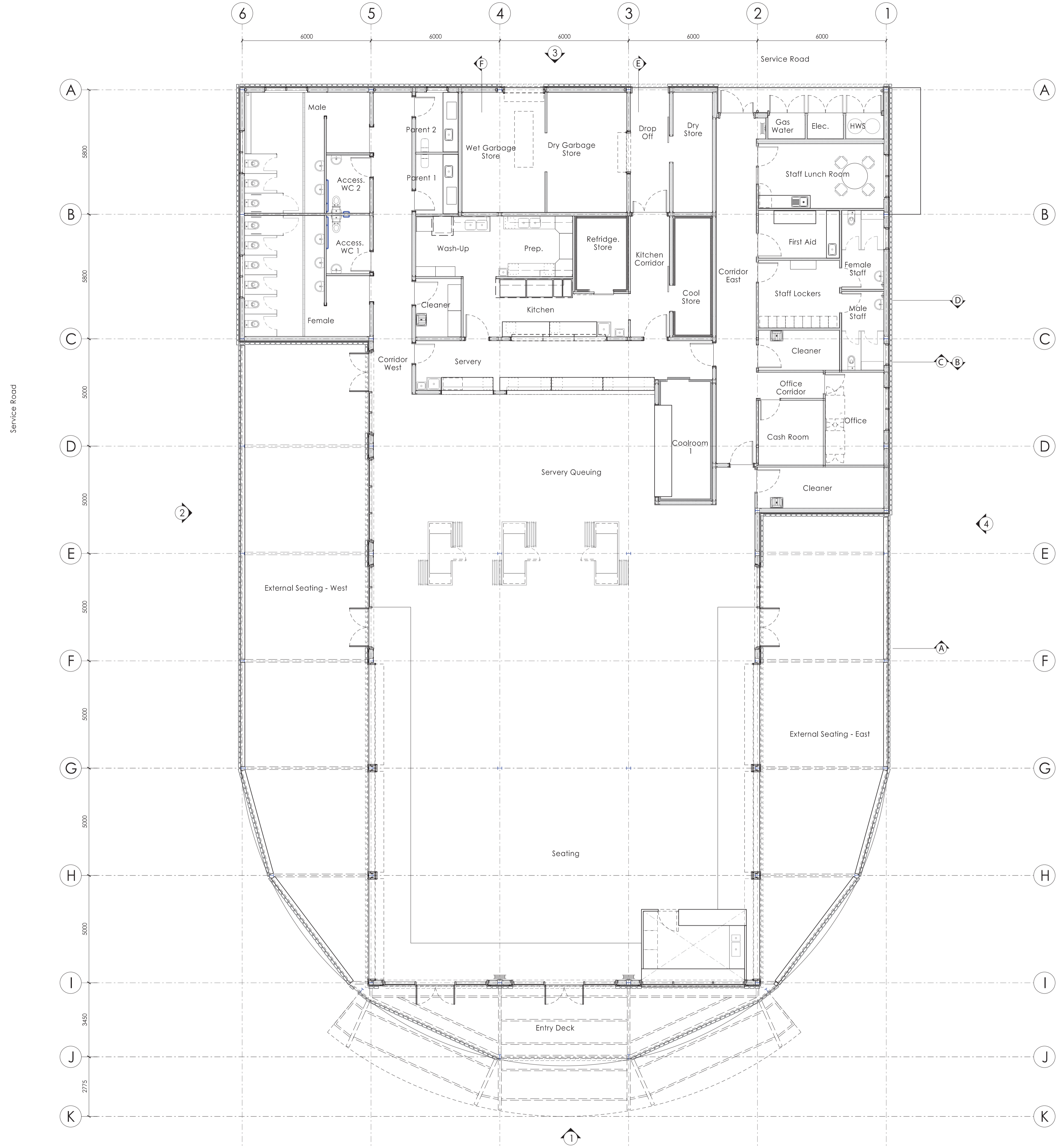
Building 2 - Site & Floor Plan
Restaurant



Drawn: JH	Date: October 2015
Approved: MV	Scale: 1:200 @ A1 1:400 @ A3
Job No: 15-565	Number: DA. 200
Issue: 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 ProctorWrap 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 ProctorWrap 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 cross laminated timber and steel structure. Fixings to be in accordance with manufacturer 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 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 Laserlite 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 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 150mm core fill block wall with render to exposed sides with selected paint colour as specified.



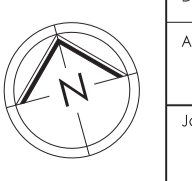
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Building 2 - Restaurant Floor Plan



Drawn:	JH	Date:	October 2015
Approved:	MV	Scale:	1:100 @ A1 1:200 @ A3
Job No:	15-565	Number:	DA. 201
Issue:		Issue:	F

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

Architects / Interior Designers
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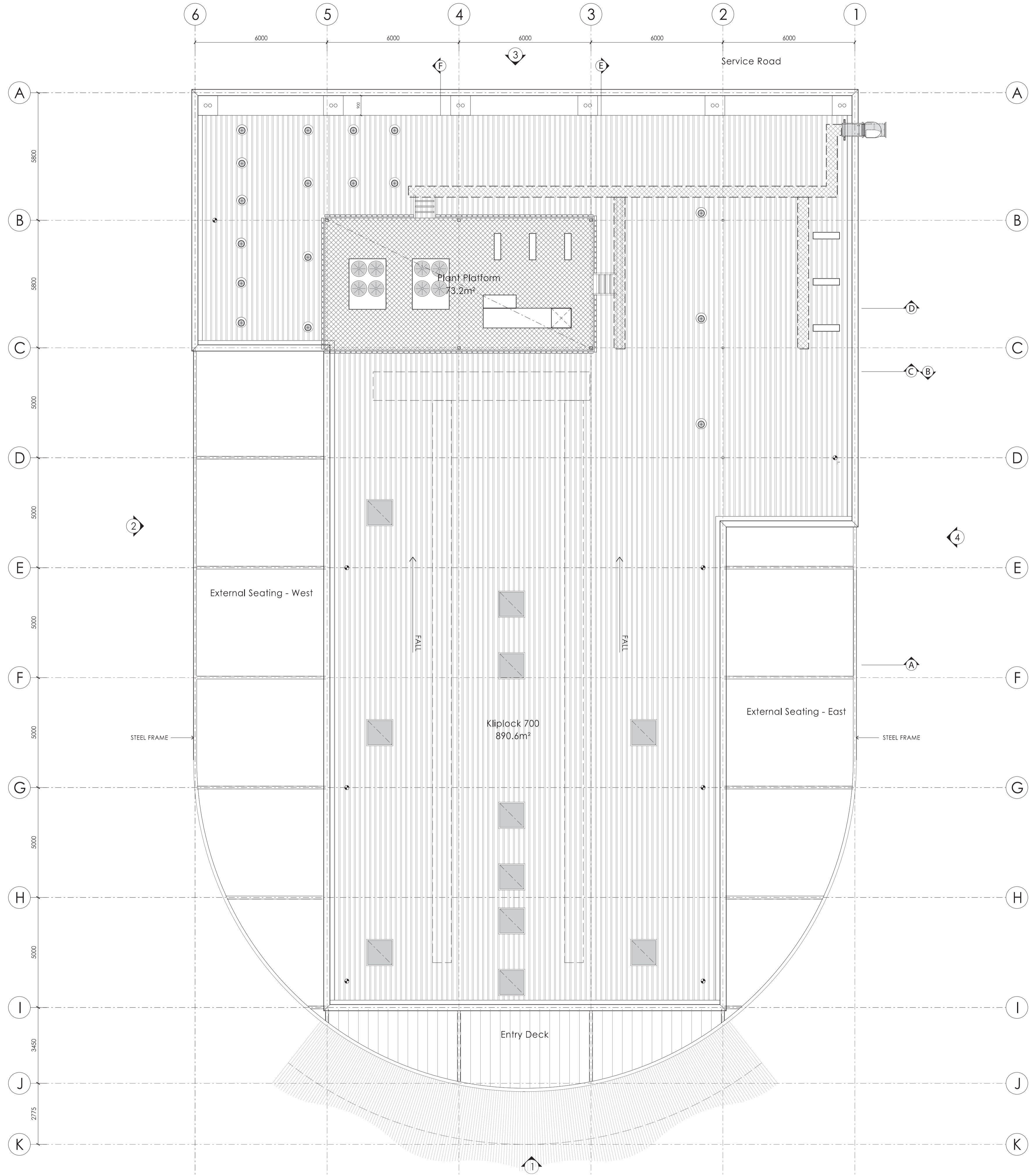
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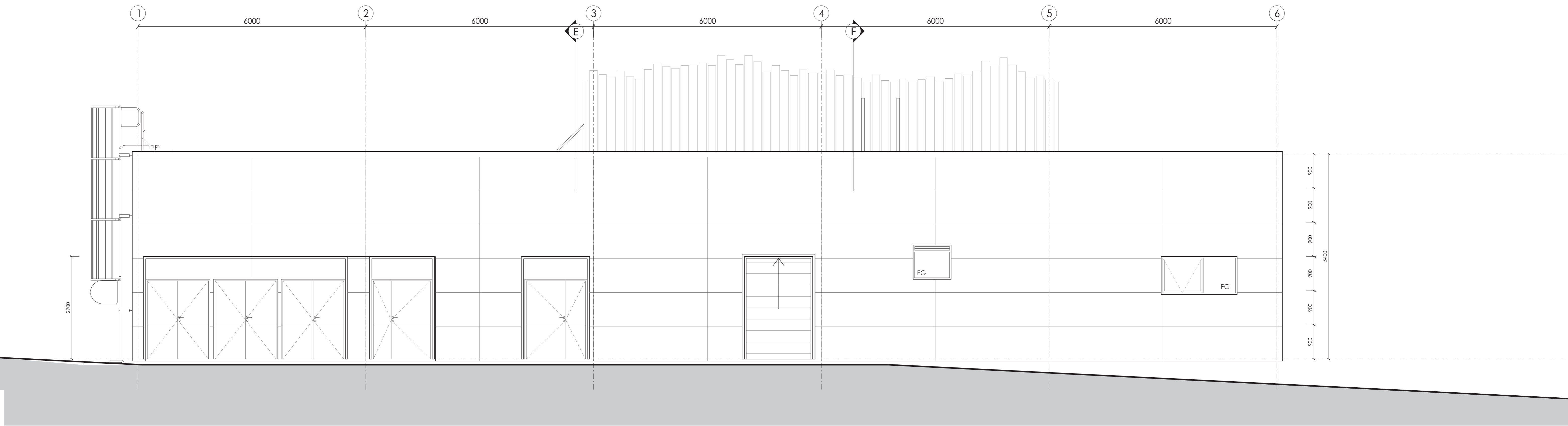
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- BW New 150mm core fill block wall with render to exposed sides with selected paint colour as specified.

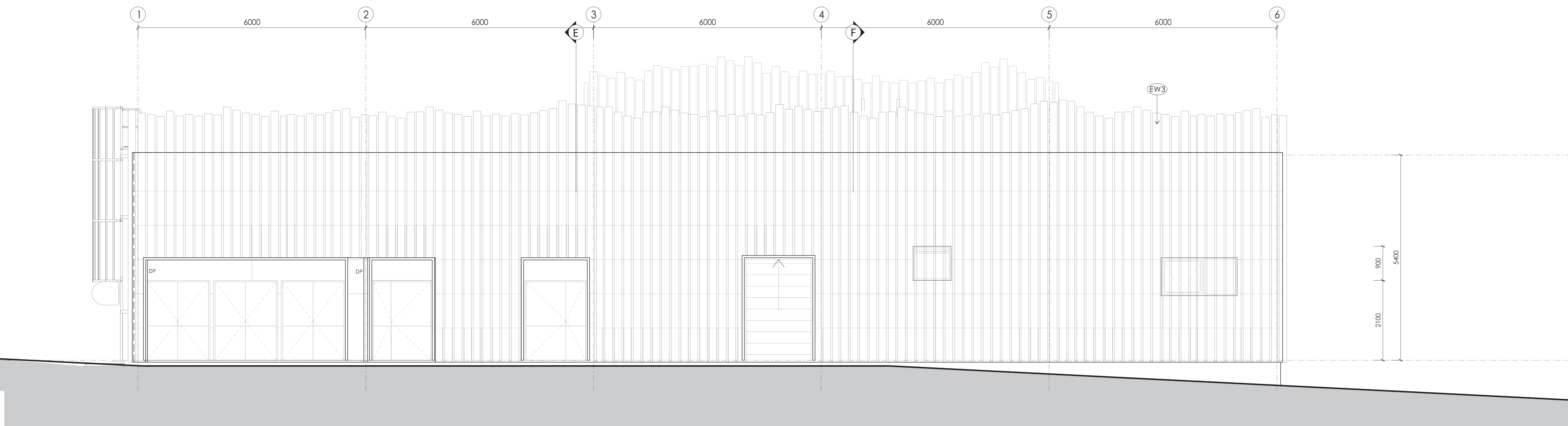


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North Elevation - Building - Compressed Cladding



North Elevation - Timber Facade

Notes Building 2

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

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Rev	Description	Date
1	For Construction	20/12/20
2	Preliminary Issue	23/01/21
3	Preliminary Issue	23/01/21
4	Preliminary Issue	23/01/21
5	For Draft Transfer	23/01/21

Scale: 0.5 1.0 2.0 3m

Drawn	By	Date
15-565	B2	202

Building 2
North Elevation

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

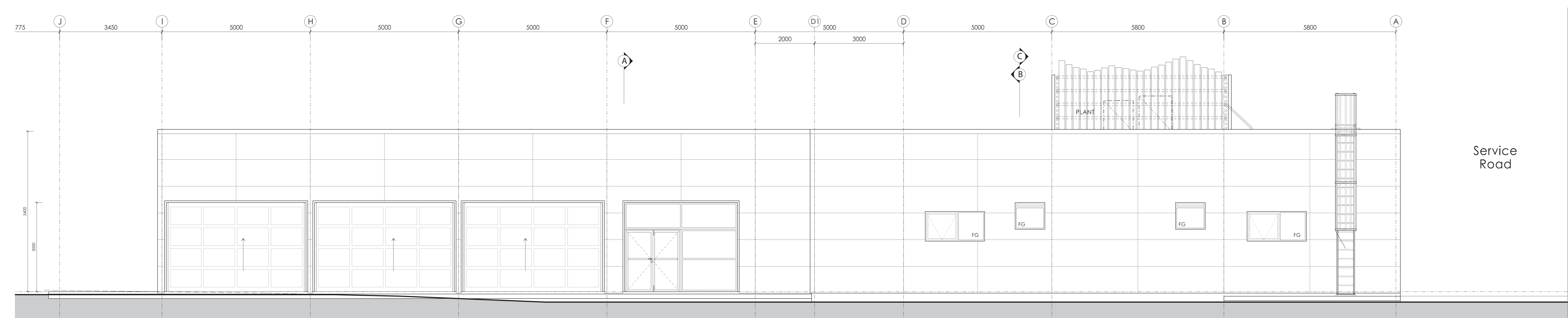
Architect / Interior Designer: MISHO ASSOCIATES
 6/466 MERRIMAN STREET, EASTERN CREEK NSW 1513
 02 9338 3344, 02 9338 3345, 02 9338 3346
 02 9338 3347

Planner/Landscape Architects: ASPECT Studios
 Studio 01, Level 6, 65 Marlborough Street, Sydney NSW, 2002

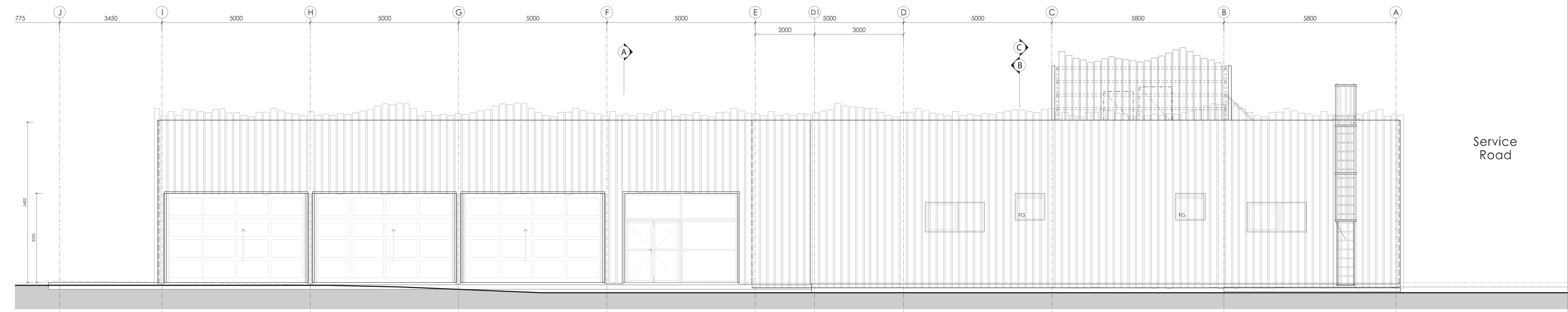
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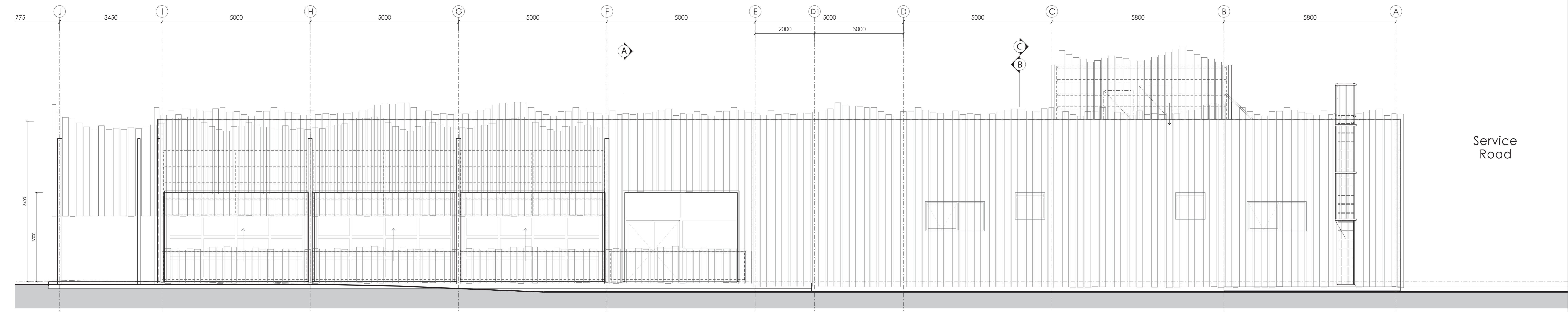
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East Elevation - Building - Compressed Cladding



East Elevation - Timber Facade



East Elevation - Balustrade / Screening

Service Road

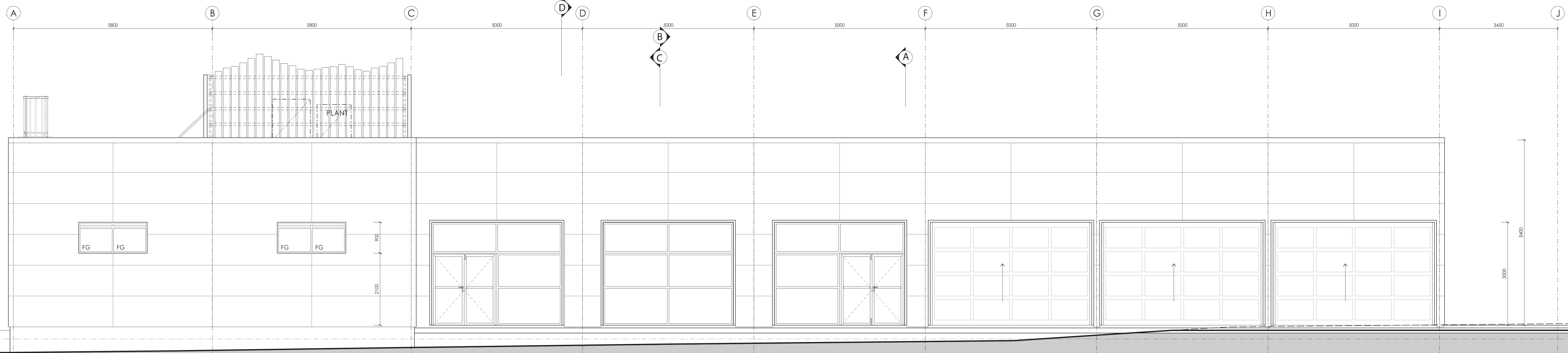
Service Road

Service Road

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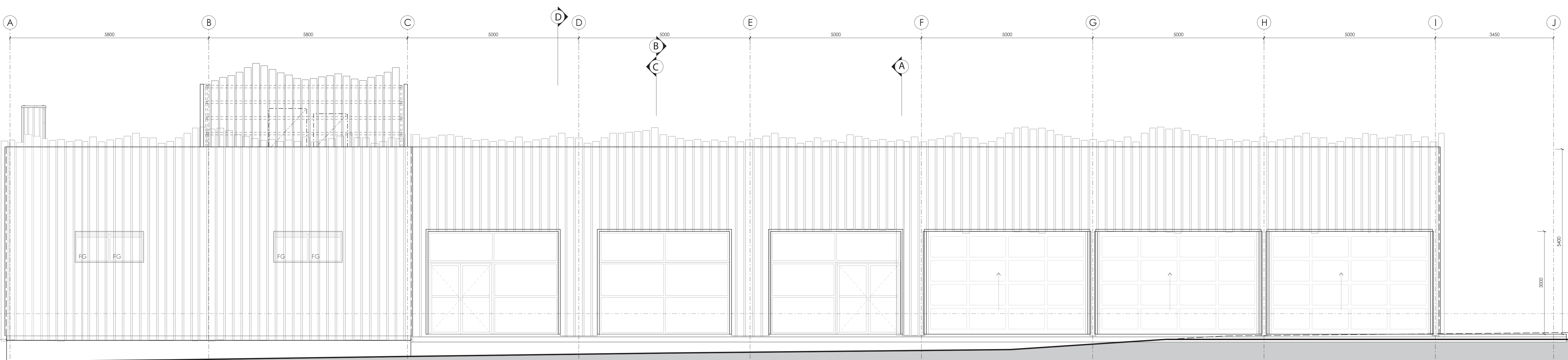
For Section 96 Approval

Service Road



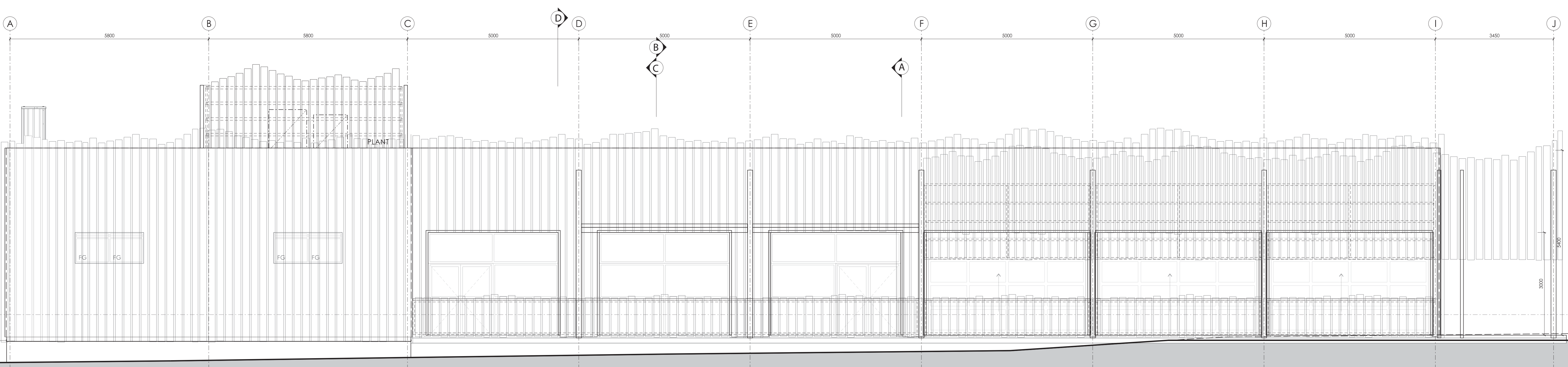
West Elevation - Building - Compressed Cladding

Service Road



West Elevation - Timber Facade

Service Road



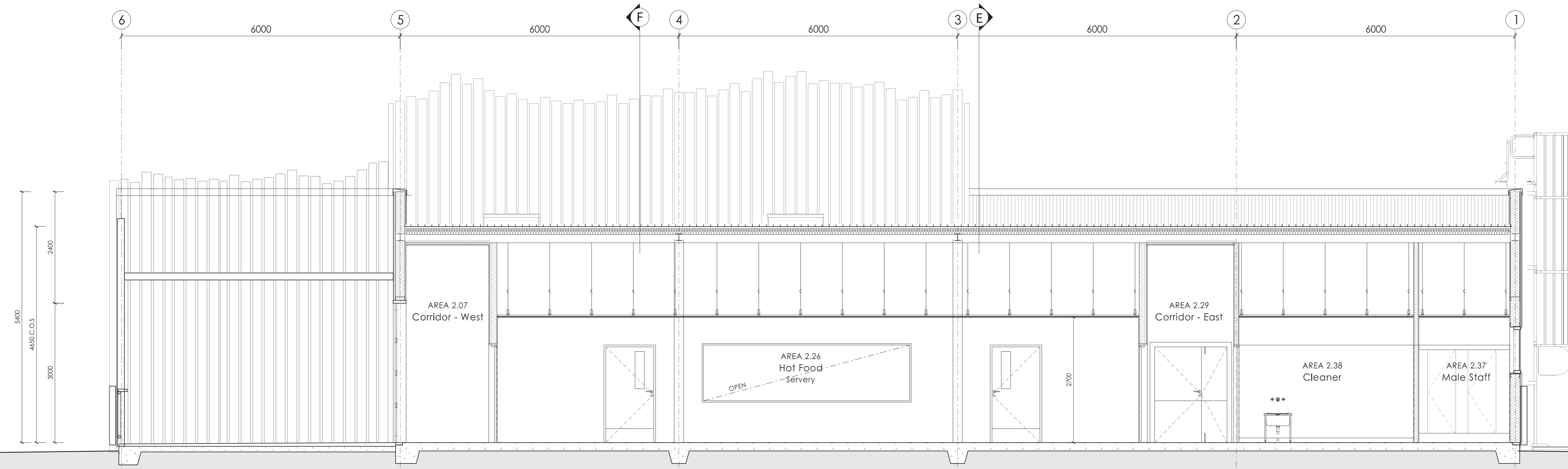
West Elevation - Balustrade / Screening

Notes Building 2

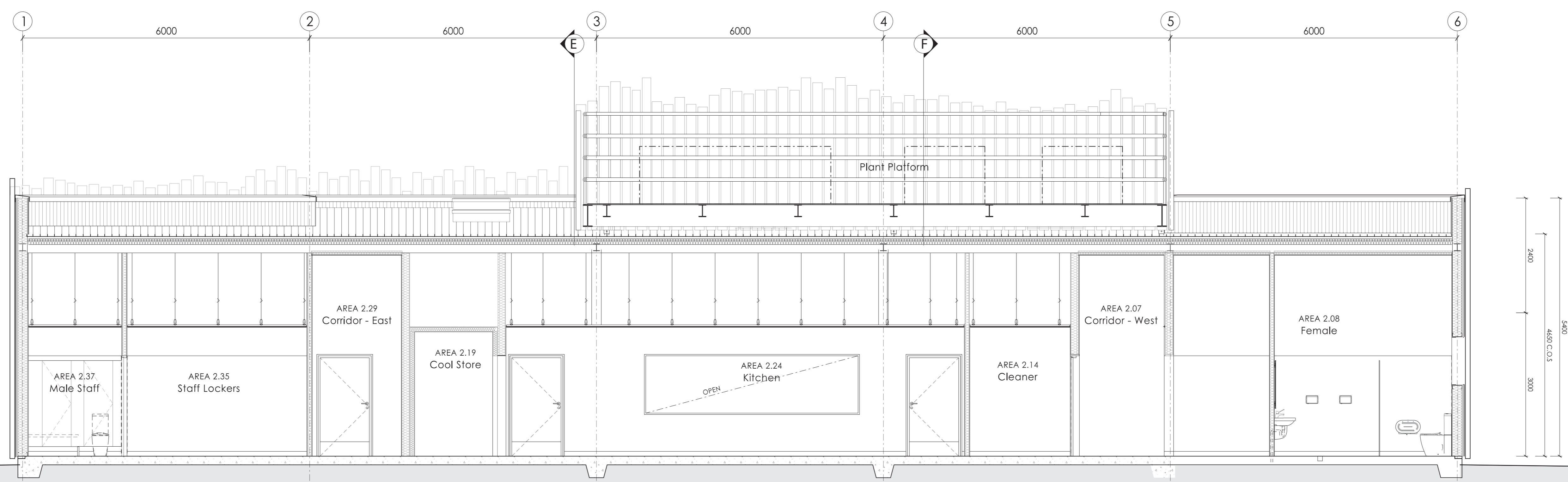
Building Material Notes:

- 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 inspection. 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 Moswood 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 of less) in powder coated aluminium section with fixed 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 sheathing is to be clad in shadoeclad 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 a Enviroseal ProctorWrap 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 800 horizontal spacing in the Run 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 cabling 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 Klop-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 putlogs and an insulation barrier similar to Bradford Anticon 145 foil faced heavy duty (foil face down) on roof spacers of 100 mm either from Bradford or Fletcher. Enviroseal proctorWrap High Tensile Roof membrane placed over the top of the putlogs. Allow for a thermal saw to separate the roof sheets from the putlogs. Under the roof sheeting is to be Bradford Thermal Heavy Duty facing over new insulation Batts. Allow for roof sheeting to be securely fixed to new cross laminated timber and steel structure. Flashings to be in accordance with manufacturer 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 100 mm either from Bradford or Fletcher. Under the roof sheeting the builder is to allow for the installation of Enviroseal proctorWrap High Tensile Roof. Sarking under 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 do not comply with this specification.
- R2 New Laserite 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 Laserite 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.

For Section 96 Approval



Section C



Section D

Notes Building 2

Building Material Notes:

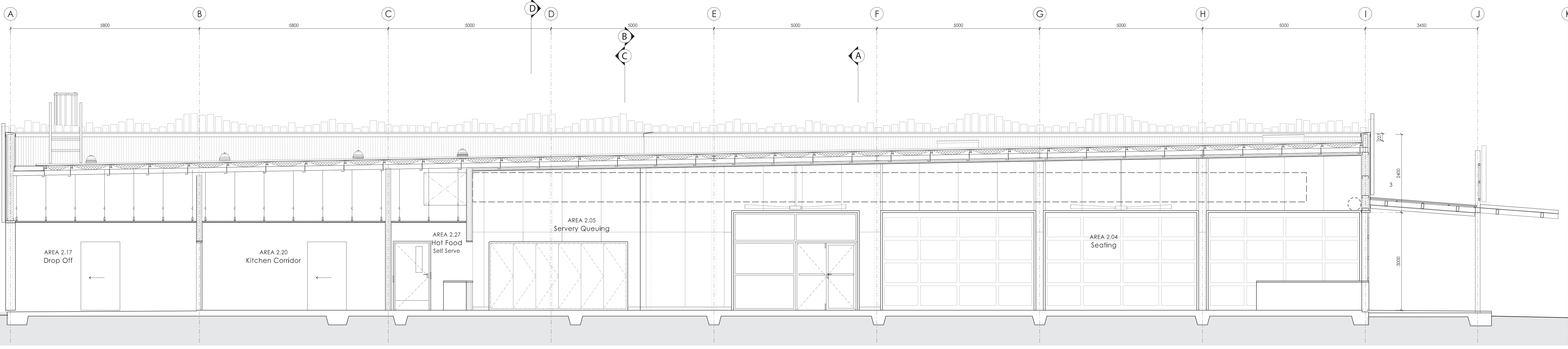
- C3 The new concrete slab to have a layer on a prepared level block and fill base. The edge beams and external upturns are to be left exposed for termite inspections. In all areas the concrete slab is to be finished level and new vinyl floor finish applied over the very high finished slab surface. Floor to be raised to the required level with perimeter concrete block walls and the area in filled with fill.
- ED New 137 x 23 Moderwood 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 sheathing is to be clad in shadoofed plywood with a textured finish with timber cover strips 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 30mm foam board screw fixed to new cross laminated timber panels. Over the face of the foam board is to be placed Enviroseal ProctorWrap membrane. Over the external face of the new 150mm cross laminated timber panels (CLT) is to be placed 40mm top hat section at 600 horizontal spacing 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 Kip-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 gutters and an insulation barrier similar to Bradford Anicon 145 foil faced heavy duty (fall face down) on roof spaces of 120 mm either from Bradford or Fitchers. 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 purlins. Under the roof sheeting is to be Bradford Thermal 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 manufacturer 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 Anicon 145 foil faced heavy duty (fall face down) on roof spaces of 120 mm either from Bradford or Fitchers. 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 4200:1:1984 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, legs should be lapped with ProctorWrap SL-S Tape to prevent moisture draining back into the insulation. Fall type sarking do not comply with this specification.
- R2 New Laslette 3000 in platinum to be screw fixed over new steel roof framing canopy over the foot entry and exit area of the building.
- R3 New timber cladding to a new steel structural frame that ties into the Laslette 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.

For Section 96 Approval

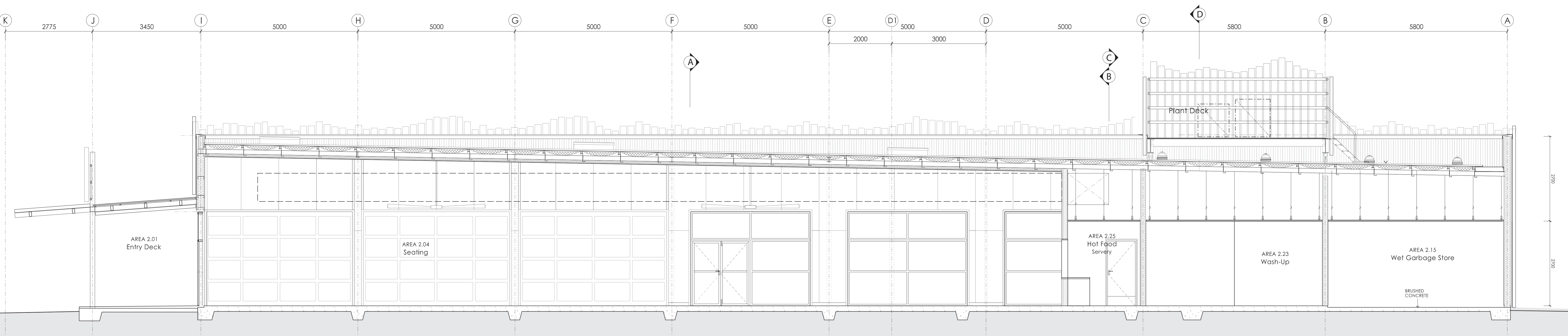
Notes Building 2

Building Material 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.
- ED New 137 x 23 Motwood 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 finished 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 sheathing is to be clad in shadoofed 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 45mm 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 an Enviroseal ProctorWrap membrane. Over the external face of the new 105mm cross laminated timber panels (CLT) is to be placed 40mm top hat section at 600 horizontal spacing in the finish 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 2700mm. 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 Kip-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 gutters and an insulation barrier similar to Bradford Anicon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Platchers. Enviroseal ProctorWrap High Tensile Roof membrane placed over the top of the gutters. Allow for a thermal tape to separate the roof sheets from the gutters. Under the roof sheeting is to be Bradford Thermal 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 manufacturers 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 Anicon 145 foil faced heavy duty (foil face down) on roof spacers of 120mm either from Bradford or Platchers. 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 4200:11994 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, legs should be taped with ProctorWrap SLS T tape to prevent moisture draining back into the insulation. Foil type sarking do not comply with this specification.
- R2 New Laselite 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 lies 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 150mm core fill block wall with render to exposed sides with selected paint colour as specified.



Section E



Section F

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 EXTERIOR SURFACES AS NECESSARY TO RECEIVE NEW PAINT FINISH.
6. ALL BUILDINGS 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 EARLY 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
1	For 96	2014
1	For Construction	2014
1	Final Approval	2014
1	Final Approval	2014
1	Final Approval	2014
1	Final Approval	2014
1	Final Approval	2014

Building 2 Sections E & F

Client: Sydney Zoo Pty Ltd
 Project: New Sydney Zoo Great Western Highway Eastern Creek/Bungarbee Park Sydney Australia
 Architect: MISHO+ASSOCIATES
 Planner/Landscape Architects: ASPECT Studios
 Structural Engineer: NORTHROP

Scale: 1:100 @ A2
 Date: March 2014
 Job No: 15-565
 Number: B2_A.305
 Floor: F

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