

Lower Concourse Shade Cover Improvements, Sydney Opera House

Lower Concourse, Sydney Opera House, Bennelong Point, Sydney

Development Application

General Notes
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Coordination
Where applicable refer to and coordinate information contained in the architectural drawings, and the documentation of other consultants. Notify discrepancies between architectural and/or other consultant's documentation for direction prior to proceeding with the affected part of the works.

Specifications and Schedules
Where applicable refer to and coordinate with relevant Specifications and Schedules. Written specifications and schedules take precedence to the extent of any discrepancy. Notify discrepancies between documents for direction prior to proceeding with the affected part of the works.

Detail Drawings
Unless noted otherwise, refer to detail drawings for set-out information. Drawings at larger scales take precedence over drawings at smaller scales to the extent of any discrepancy. Notify discrepancies for direction prior to proceeding with the affected part of the works.

Execution of the works (Standards)
Execute the works in compliance with the current edition of the Building Code of Australia (as amended), current editions of relevant Australian and other applicable published Standards and the relevant requirements of Local and Statutory Authorities.

Units of measurement
Unless noted otherwise:
- Dimensions are shown in millimetres; and
- Levels are shown in meters

To detail
Where a notation refers to an item as "...to detail" the applicable item is to be in accordance with the relevant Architect's detail.

Materials handling and storage
Unless noted otherwise material, fixtures and fittings are to be handled, stored and installed in accordance with the Manufacturer's current written instructions.

Structure
Foundations, footings, reinforced concrete, slabs, retaining walls, framing, bracing, tie-down and other structural elements are to be designed and constructed in accordance with the Structural Engineer's details and specifications.

Hydraulics
Stormwater drainage, waste water drainage, fresh water, gas supply and other hydraulic services are to be designed and constructed in accordance with the Local Authority, Statutory Authority, Hydraulic and/or Civil Works Consultant's requirements.

Erosion & Sediment Control
Apply erosion and sediment control measures in accordance with the Local Authority and, where applicable, Hydraulic or Civil Works Consultant's requirements to avoid erosion, sedimentation and/or contamination of the site, surrounds and stormwater drainage system. Apply measures to ensure that the site remains free of water and to prevent water flow over the new work. Erosion & sediment control measures are to be effective from commencement of the works (including demolition) and maintained throughout the course of the works until the site is fully stabilised.

Services (existing & proposed)
Confirm location of existing under and above-ground services and coordinate with the relevant service authority to ensure that services are handled in accordance with the relevant authorities instructions prior to commencement of demolition, excavation and/or construction works.

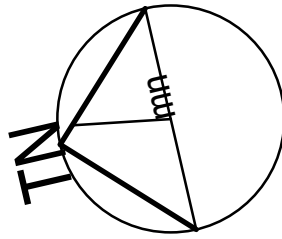
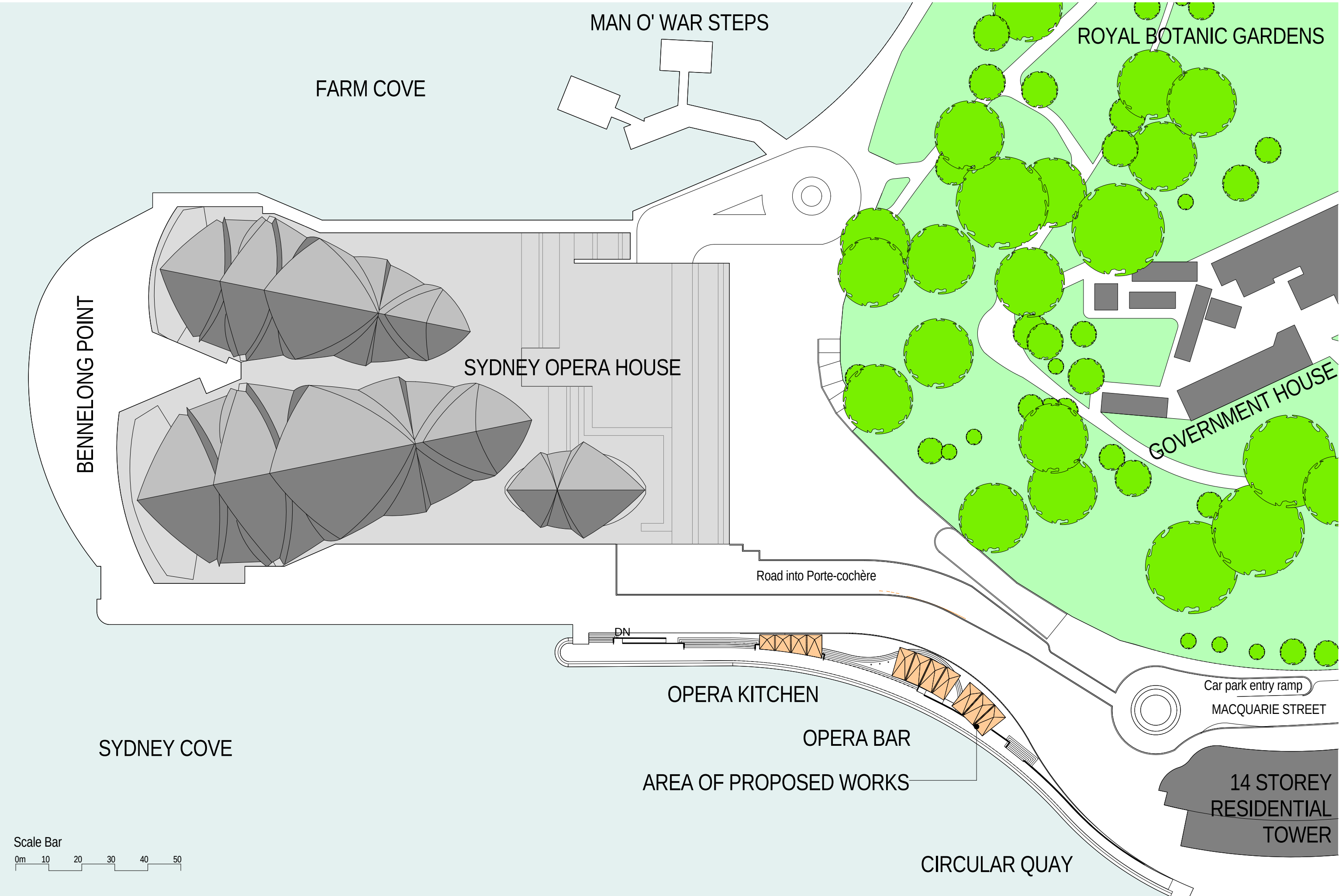
Levels
Levels shown are consistent with the datum and benchmarks shown on the associated detail survey. In most instances the surveyed levels will be indicated relative to Australian Height Datum. However the existing site levels and datum are to be confirmed on site with reference to the site survey documents.

Falls
Finish surfaces typically to fall as required to facilitate effective drainage.

Interpretation
"Provide" means to supply and install.
"Required" means required by the contract documents or by the Local or Statutory Authorities.
"Proprietary" means identifiable by naming the manufacturer, supplier, installer, trade name, brand name, catalogue or reference number.

Standard Abbreviations	
AAP	Acoustic access panel
Acst	Acoustic
Adj	Adjustable / adjacent
AFFL	Above finished floor level
Agmt	Arrangement
Amnd(t)	Amend(ed) / Amendment
AP	Access Panel
Aprv(d)	Approved / Approval
Aprx	Approximate
Arc	Architrave
Arch	Architect
AS	Australian Standard
Avg	Average
AW	Accordance with
Awning	Awning
Bal	Balustrade
Bat	Battens
BCA	Building Code of Australia
Bdy	(Property) Boundary
Bhd	Bulkhead
Bldg	Building
CC	Construction certificate
Ceiling	Ceiling
CF	Core filled
CF##	Ceiling finish ##
Chg(d)	Change / changed
Chk	Check
Chnl	Channel
CJ	Control / construction joint / Ceiling joist
CL	Centre line
Clr	Clear / Clearance / closer
Cnr	Corner
Col	Colour / Column
Con	Consultant(s)
Cont(s)	Consultant(s)
Cont(s)	Contractor(s), Building Contractor(s)
Cor	Corrugated / Cornice
COS	Check / confirm on site
CP	Cover plate
CRS	Centres
Csk	Countersink
CT##	Ceiling type (## refer to schedule)
Ctr	Centre / contour
DDr	Door
DA	Development Application / Delayed action (door closer)
Det(s)	Detail(s)
Dia	Diameter
Dim	Dimension
Doc(s)	Documentation, documents
Dp	Downpipe
DPC	Damp proof course
Drw	Drawer
Dwg(s)	Drawing / drawings
EA	Equal angle
EJ	Expansion joint
Elec	Electrical
Elev	Elevation
Eng(s)	Engineer(s)
Eq	Equal
Est	Estimated
Ex	From / out of... or existing when referring to building elements
Exst	Existing
Ext	External / exterior
FCL	Finished ceiling level
FE	Fire escape / Fire extinguisher
FF##	Floor finish ##
FFL	Finished floor level
FG	Fixed glazing
FGL	Finished ground level
FH	Fire hydrant
FHR	Fire Hose Reel
Fix	Fixing / fixings
FJ	Floor joist
Fla	Flashing
Flr	Floor
FR	Fire rated
FR	Fire rated
Frm	Frame / framing
FT##	Floor type (## refer to schedule)
Fur	Furring (channel)
Fxd	Fixed
GA	General Arrangement
Gd	Grid...
Gla	Glass / Glazing
Gnd	Ground
Hd	Head
Hdl	Handle
Hor	Horizontal
HR	Hand Rail
Ht	Height
Hyd	Hydraulic
Incl	Include / included / inclusive
Ind	Indicator
Ins	Insulation / Inside / Inside of...
inst	Instruction(s)
Int	Internal
Lev	Level
Lvr	Louvre / louvred
Man(s)	Manufacturer(s)
Max	Maximum
Mech	Mechanical
Mech	Mechanical
Min	Minimum
MIR	Mirror reverse / moisture resistant
Mtr	Mitre / Mitred
NA	Not applicable
NCC	National Construction Code
Nom	Nominal
NTS	Not to scale
OA	Overall
Obs	Obscure
OH	Overhead
Orig	Original building fabric
OS	Outside / Outside of... / On site
Own	Owner Proprietor Principal
OA	Overall
Obs	Obscure
OH	Overhead
Orig	Original building fabric
OS	Outside / Outside of... / On site
Own	Owner Proprietor Principal
PA	Project Administration
Pav	Paving
PCA	Principal certifying authority
PFC	Parallel flange channel
Plt	Plate
PM	Project Manager
Prelim	Preliminary
Proj	Project
Prop	Proposed
Prt	Part / Partition
Qty	Quantity
Rad	Radius
RCP(s)	Reflected Ceiling Plan(s)
Reb	Rebate
Ref	Reference, refer (to...)
Reo	Reinforced / reinforcement
Rep	Replace, UNO to match exst
Req(s)	Requirement(s)
Rev	Revision
RHS	Rectangular hollow section
RI	Rough in (cap and/or terminate as req for future service connection)
RL	Reduced / relative level
RL	Relative Level (to Datum)
RT##	Roof type (## refer to schedule)
S96	Section 96 Application to amend a Development Consent
Schd(s)	Schedule(s)
SDr	Surface drainage
Sect	Section
Sel	Selected... typically referring to a finish to be selected by the archt, client, PA or PM
Serv	Services
SFL	Structural floor level
SHS	Square hollow section
Sk	Sketch
Skt	Skirting
SI	Seal / sealant
SL	Surface level / Shadow-line
Sld	Sliding
Smk	Smoke
SN	Stair nosing
Sof	Soffit
Spec	Specification
Spec(s)	Specification(s)
SR	Service(s) riser
SSD	Sub-surface drainage
SSL	Structural slab level
Std	Standard
Std	Standard
Struc	Structure / Structural
TBA	To be advised (unless stated otherwise, generally by the Project Administrator, Architect and/or Owner)
TBC	To be confirmed (unless stated otherwise, generally by the Contractor)
TBD	To be demolished
TBR	To be removed
TGSI	Tactile ground surface indicators
Timb	Timber
TO	Top of...
TOG	Top of gutter
TOK	Top of kerb
Tol	Tolerance
TOW	Top of wall
Tr	Tree
Typ	Typical
UA	Unequal angle
UB	Universal beam
UC	Universal column / under cut
UG	Under ground
UNO	Unless noted otherwise
US	Underside
VB	Vapor barrier
Vert	Vertical
W	With
W/Win	Window
WF##	Wall finish
WO	Without
WP	Water proof
WPM	Water proof membrane
WR	Water resistant
WT##	Wall type (## refer to schedule)

Drawing List - Development Application 2			
Sheet Number	Sheet Name	Revision	Rev Date
DA2-001	Shade cover improvement - Title Sheet and Drawing List	05	28/01/16
DA2-100	Demolition Plan - Proposed Shade Structure	05	28/01/16
DA2-101	GA Plan - Proposed Shade Structure	05	28/01/16
DA2-105	Proposed RCP	05	28/01/16
DA2-520	Detail Plan of Southern Shade Structure	05	28/01/16
DA2-521	Detail Plan of Northern Shade Structure	05	28/01/16
DA2-525	Indicative Detail Section through Shade Structure	04	28/01/16

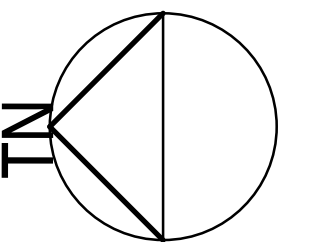
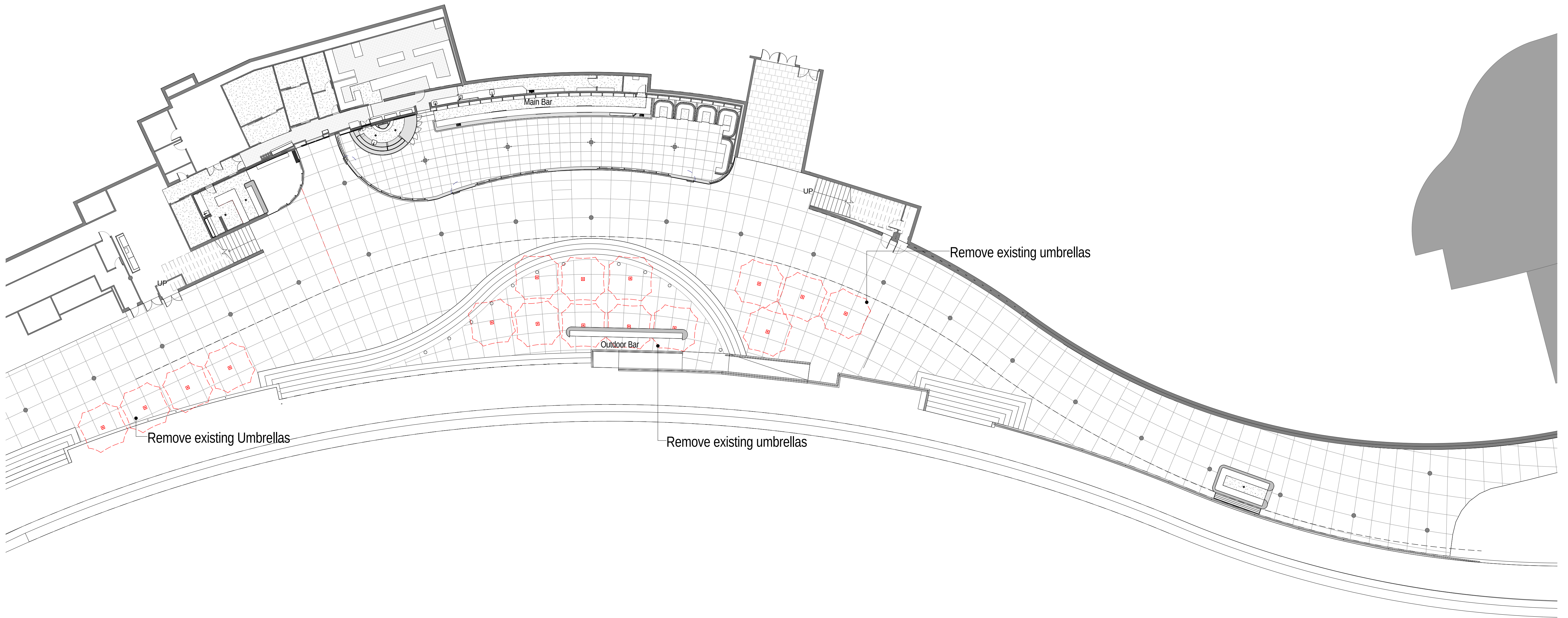


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Development Application

Rev	Date	Amendments
01	23/11/15	Director General Requirements
02	30/11/15	DGR Application
03	01/12/15	SEAR's Environmental Assessment
04	22/01/16	Issued for Information
05	28/01/16	Development Application Issue

Scale @ A1	1:1000	Drawn by	Checked by
Scale @ A3	1:2000		
Project Issue Date	16/03/2015	Sheet Issue Date	28/01/16
Project Number	2268	Drawing Number	DA2-001
		Revision	05



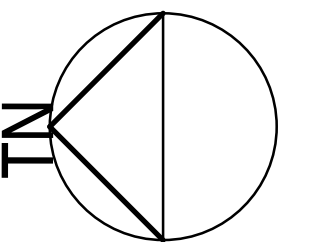
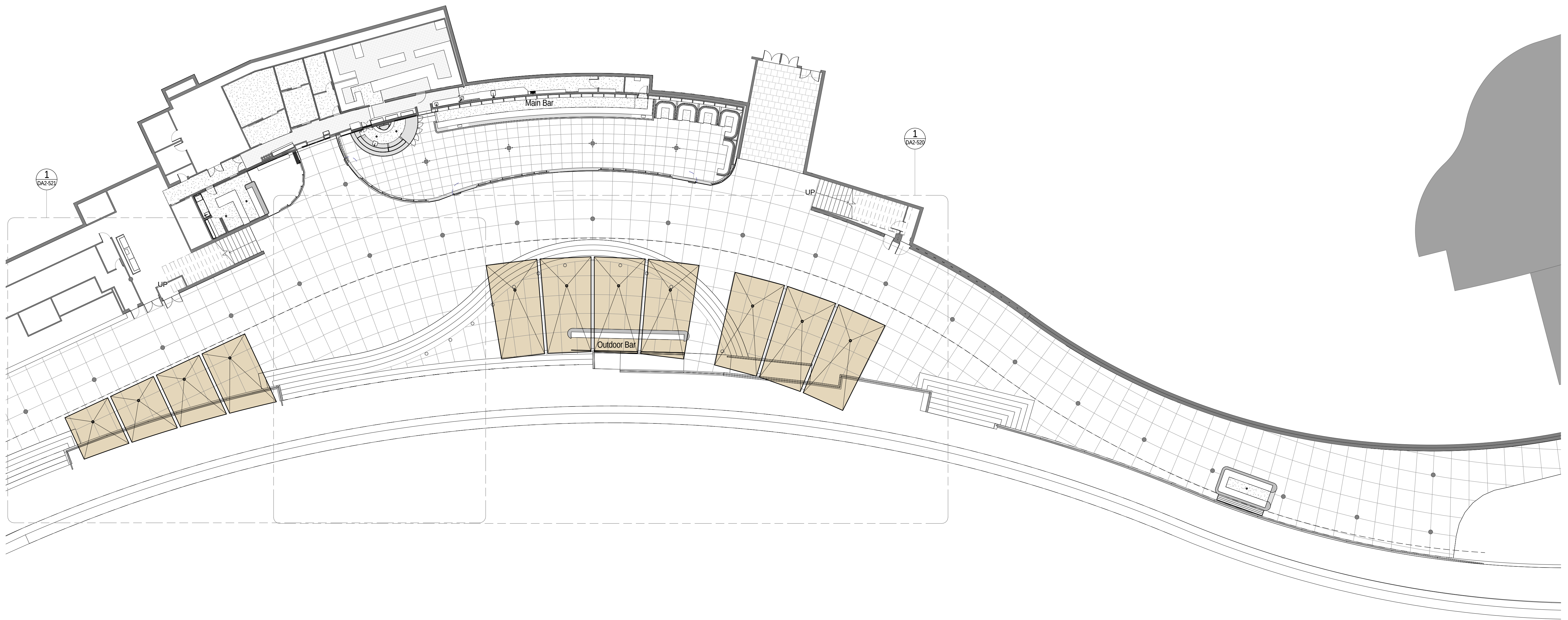
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Project	Lower Concourse Shade Cover Improvements, Sydney Opera House
Location	Lower Concourse, Sydney Opera House, Bennelong Point, Sydney
Client	
Drawing	Demolition Plan - Proposed Shade Structure

Development Application			
Scale @ A1	1:200	Drawn by	Checked by
Scale @ A3	1:400		
Project Issue Date	16/03/2015	Sheet Issue Date	28/01/16
Project Number	Drawing Number	Revision	
2268	DA2-100	05	



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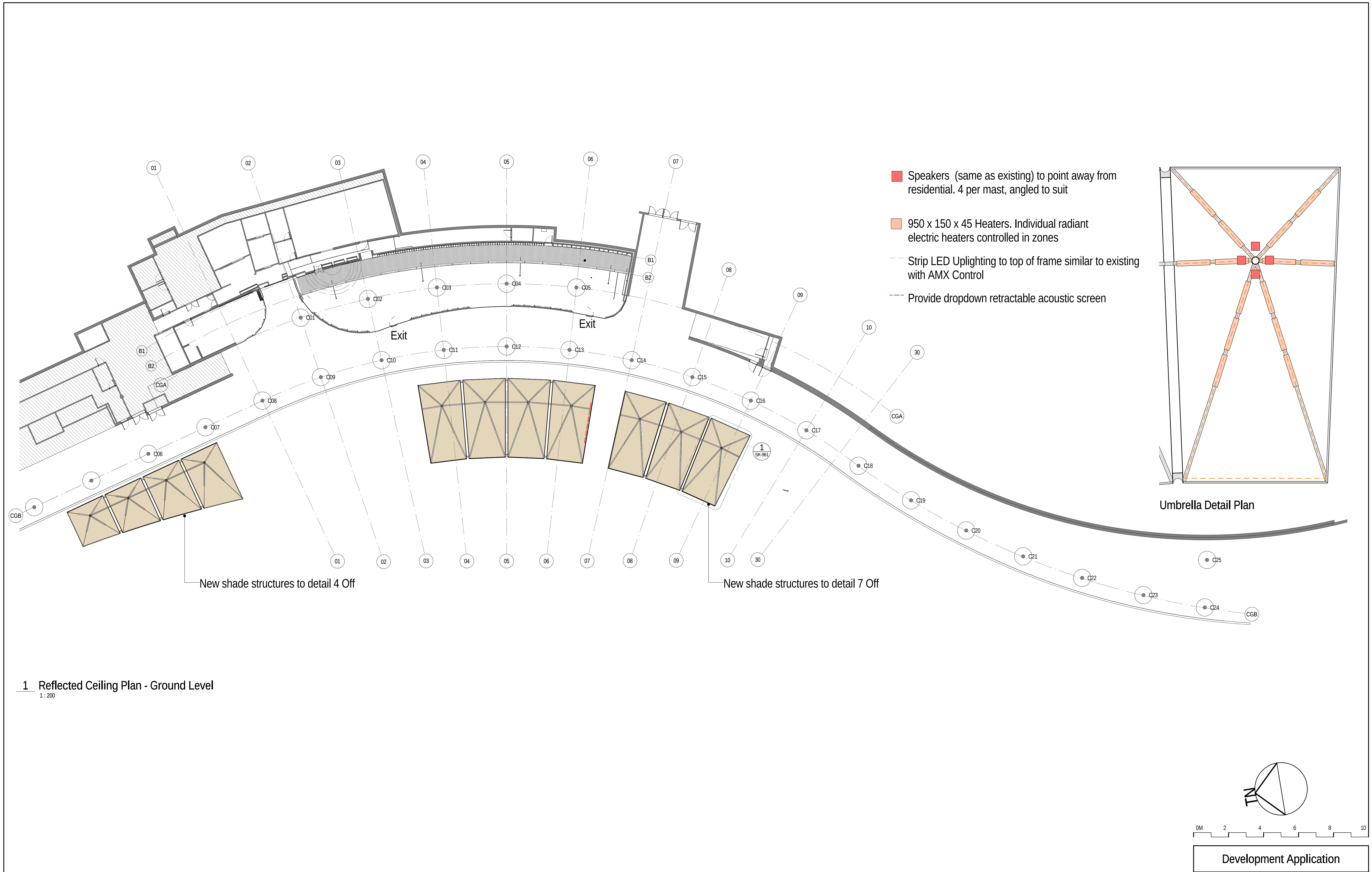
Rev	Date	Amendments
01	23/11/15	Director General Requirements
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Project	Lower Concourse Shade Cover Improvements, Sydney Opera House
Location	Lower Concourse, Sydney Opera House, Bennelong Point, Sydney
Client	
Drawing	GA Plan - Proposed Shade Structure

Development Application			
Scale @ A1	1:200	Drawn by	Checked by
Scale @ A3	1:400		
Project Issue Date	16/03/2015	Sheet Issue Date	28/01/16
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2268	DA2-101	05	



1 Reflected Ceiling Plan - Ground Level
1:200

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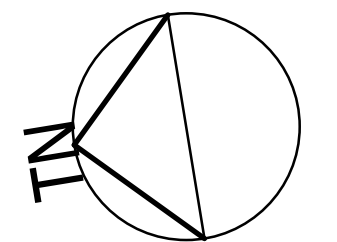
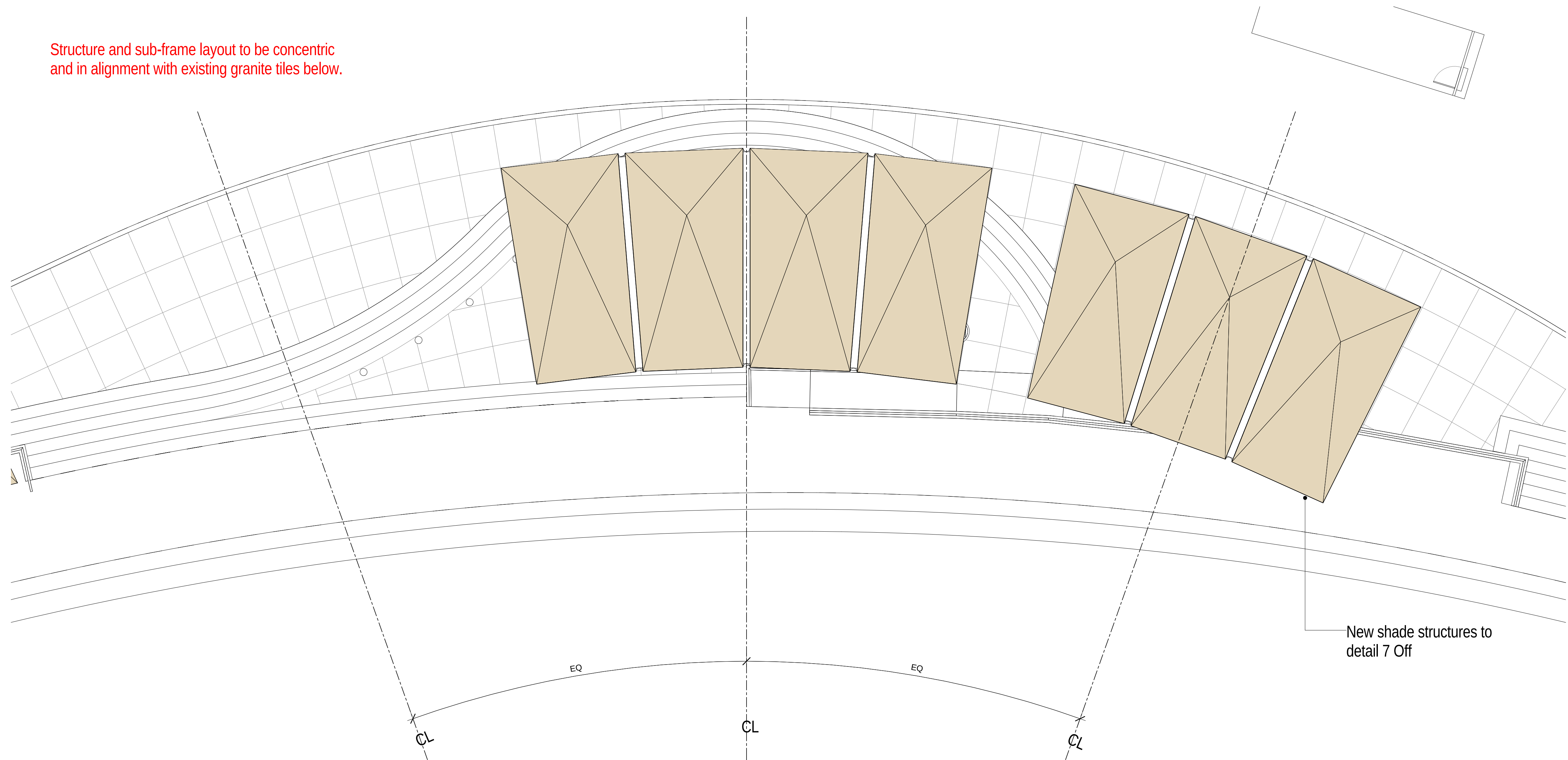
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Location	Lower Concourse, Sydney Opera House, Bennelong Point, Sydney		
Client			
Drawing	Proposed RCP		

Scale @ A1	As indicated	Drawn by	Checked by
Scale @ A3	As indicated		
Project Issue Date	16/03/2015	Sheet Issue Date	28/01/16
Project Number	2268	Drawing Number	DA2-105
		Revision	05



Development Application

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05	28/01/16	Development Application Issue			

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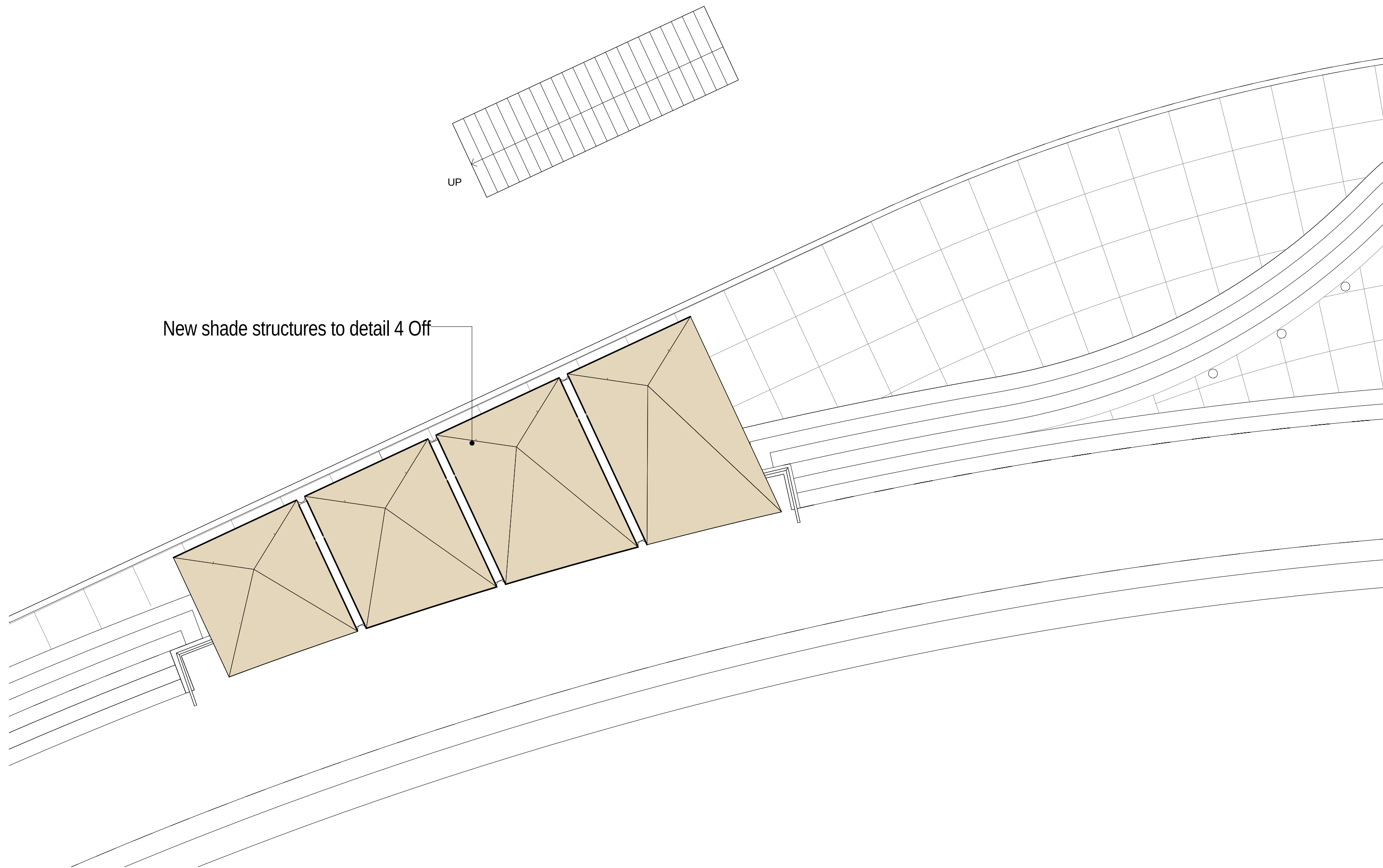
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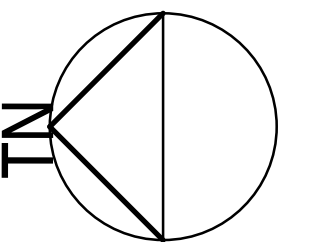
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Location	Lower Concourse, Sydney Opera House, Bennelong Point, Sydney
Client	
Drawing	Detail Plan of Southern Shade Structure

Scale @ A1	1:100	Drawn by	Checked by
Scale @ A3	1:200		
Project Issue Date	16/03/2015	Sheet Issue Date	28/01/16
Project Number	Drawing Number	Revision	
2268	DA2-520	05	



1 Detail Plan - Northern Shade Structure
1 : 100



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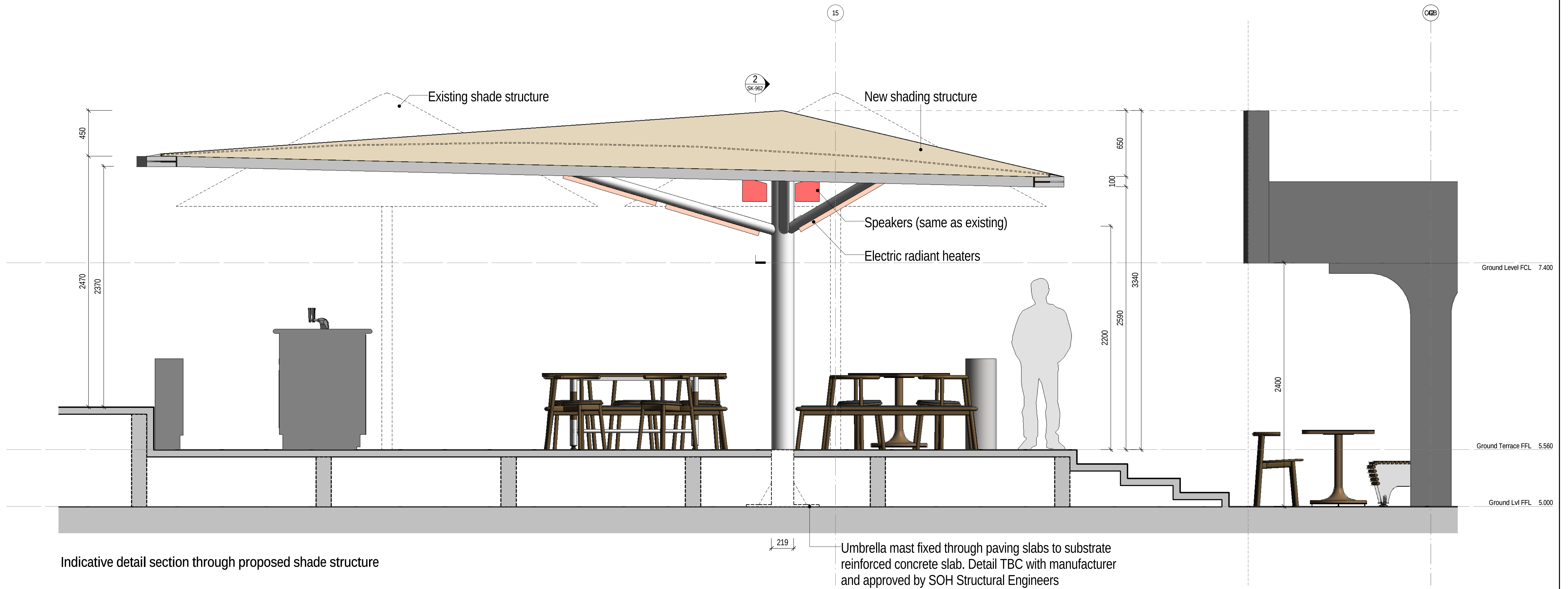
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Drawing	Detail Plan of Northern Shade Structure

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Scale @ A3	1:200		
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2268	DA2-521	05	



Indicative detail section through proposed shade structure

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2268	DA2-525	04	