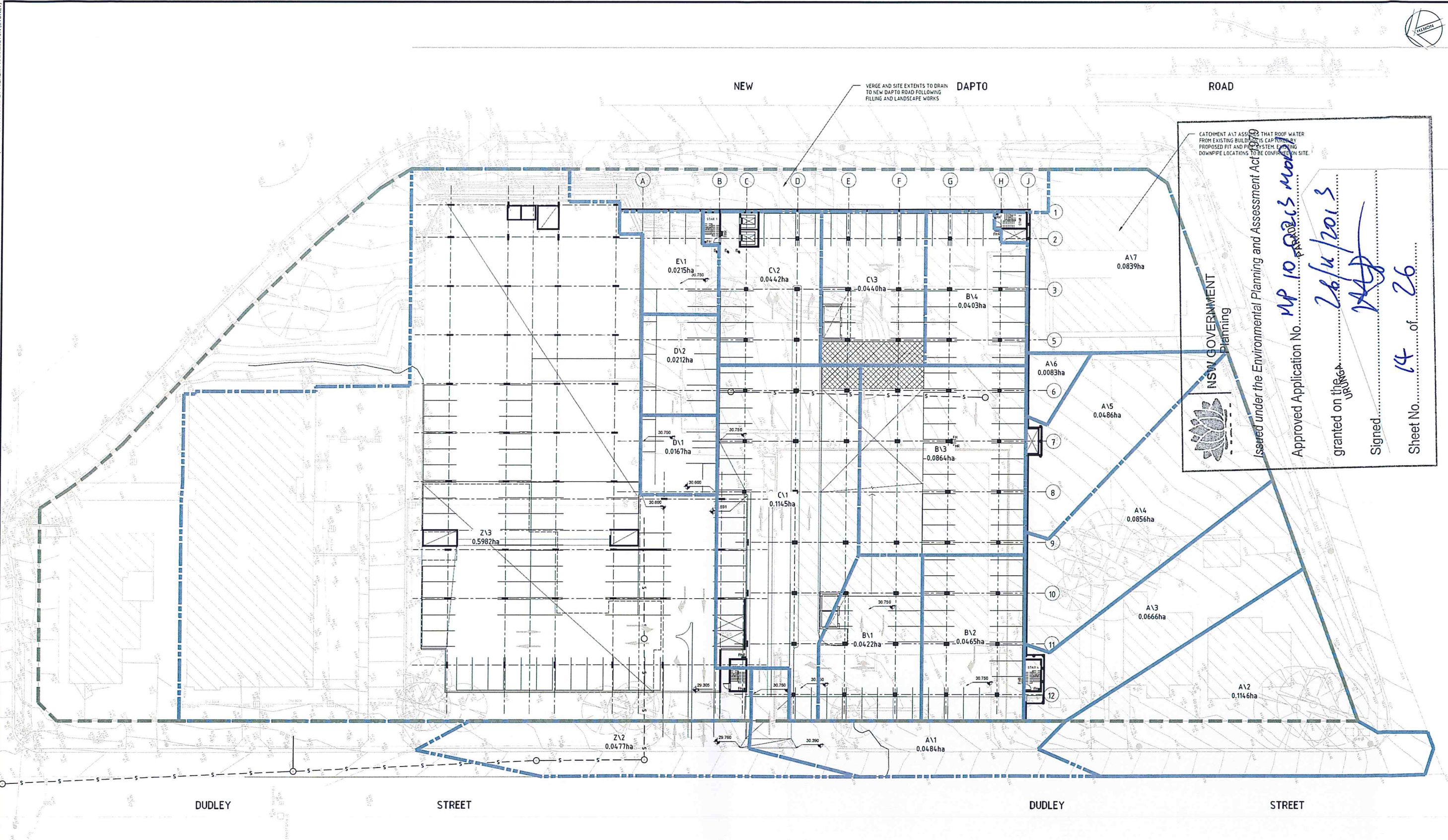




CATCHMENT A17 ASSUMES THAT ROOF WATER FROM EXISTING BUILDINGS IS CAPTURED BY PROPOSED FIT AND PUMP SYSTEM. EXISTING DOWNPIPE LOCATIONS TO BE CONFIRMED ON SITE.

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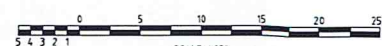
Approved Application No. **MP 10 0213** made on **26/4/2013**

granted on the **URUGA**

Signed: *[Signature]*

Sheet No. **14** of **26**

- LEGEND**
- CATCHMENT BOUNDARY
 - B/1
0.0422ha
CATCHMENT LABEL/AREA
 - SITE BOUNDARY



Rev	Date	Description	Des	Verif	Appd	Rev	Date	Description	Des	Verif	Appd
C	27/05/2013	ISSUED FOR APPROVAL	JMH	CEV	CEV						
B	12/05/2013	PRELIMINARY DESIGN AND CONSTRUCT ISSUE	JMH	CEV	CEV						
A	31/05/2013	DEVELOPMENT APPLICATION	JMH	CEV	CEV						

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Drawn	BML	Date	13/05/2013
Checked	JMH	Date	13/05/2013
Designed	JMH	Date	13/05/2013
Verified	CEV	Date	13/05/2013
Approved	CEV	Date	13/05/2013

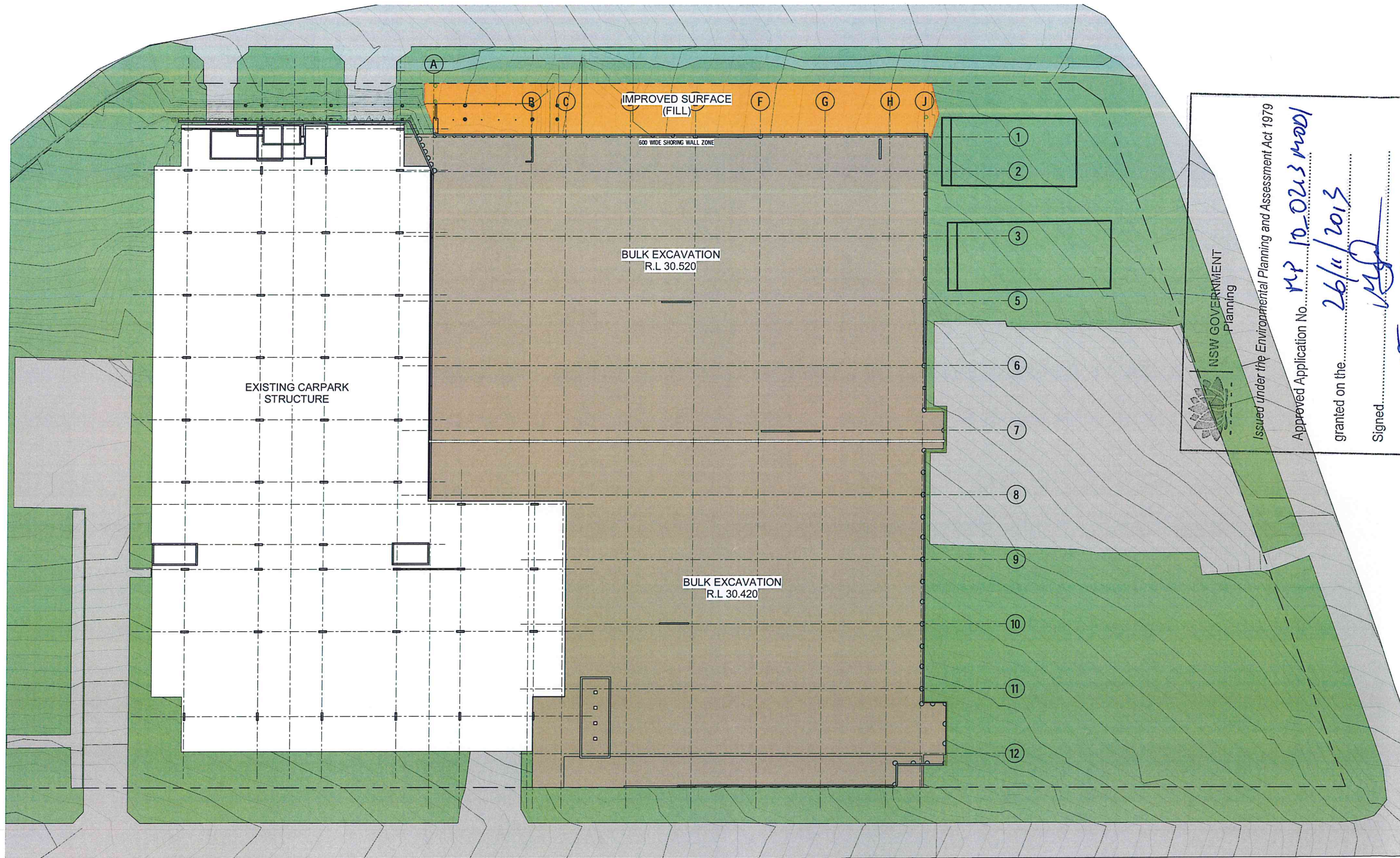
Client: **HEALTH INFRASTRUCTURE**
WOLLONGONG HOSPITAL
PROPOSED MULTISTORY CARPARK EXPANSION

CATCHMENT PLAN

Status	DEVELOPMENT APPLICATION
NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Datum	AHD
Register	
Scale	1:250
Size	B1
Drawing Number	NA80813070-DA-1024
Revision	C

27/09/2013 1:55:59 AM

C:\Users\joshua\Documents\NA80813070 - Wollongong Hospital Carpark (WHA) [2013 Central] - joshua\rev



BULK EXCAVATION PLAN
SCALE: 1:200

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Approved Application No. **RP 10-0243 mod**
granted on the **26/11/2013**
Signed **[Signature]**
Sheet No. **15** of **26**

Rev	Date	Description	Drn	Des	Apr
B	27-09-2013	ISSUED FOR APPROVAL	STH	PNW	
A	31-05-2013	DEVELOPMENT APPLICATION	STH	PNW	



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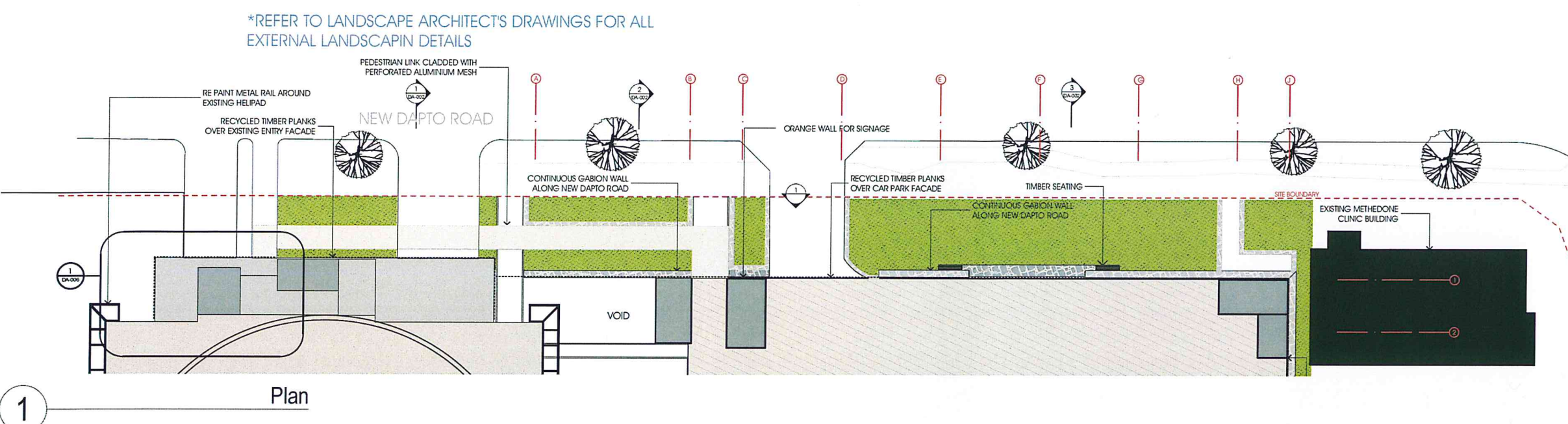
ABN 55 001 145 025
Level 9, The Forum, 203 Pacific Highway, St Leonards NSW Australia 2058
Tel: (+61 2) 9496 7700 Fax: (+61 2) 9439 6170
Email: sydney@cardno.com.au Web: www.cardno.com.au

Drawn	S.T.H.	Date
Checked	P.N.W.	Date
Designed	S.T.H.	Date
Verified		Date
Approved	P.N.W.	Date

Client	HEALTH INFRASTRUCTURE
Project	WOLLONGONG HOSPITAL PROPOSED MULTI STOREY CARPARK EXPANSION
Title	BULK EXCAVATION PLAN

NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Drawn	AHD	Register	Scale
Project Number	NA80813070DA-1026	Sheet Number	B1
Revised			B

ON B1 ORIGINAL



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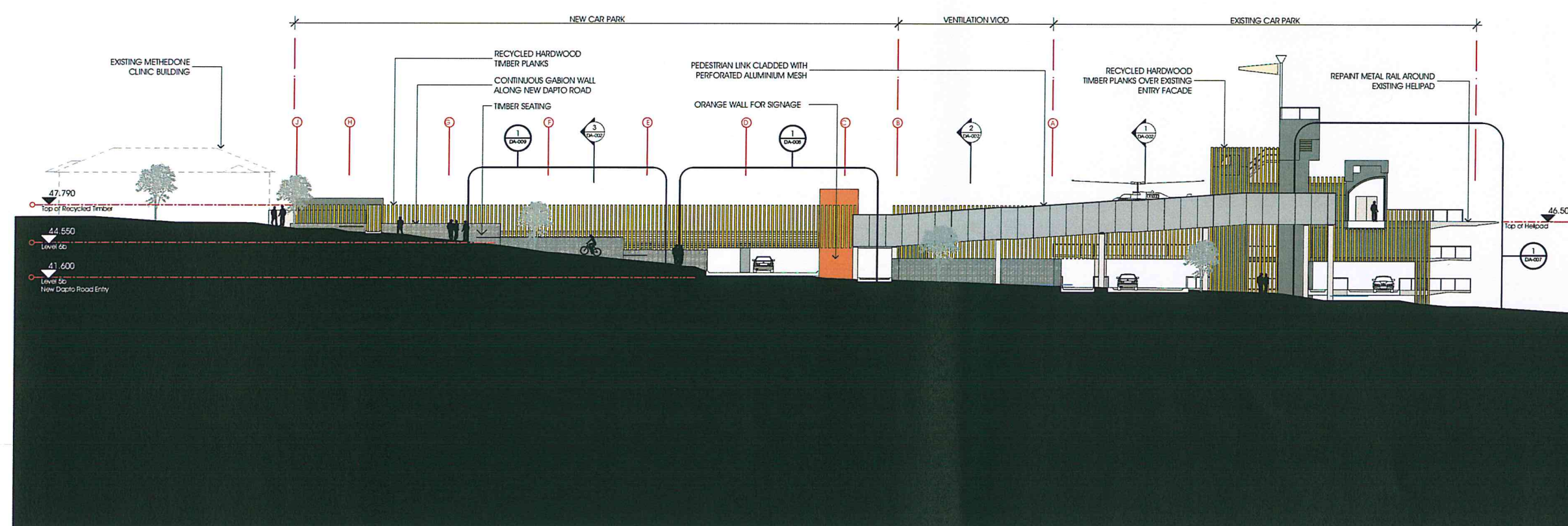
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granted on the *26/11/2013*

Signed *[Signature]*

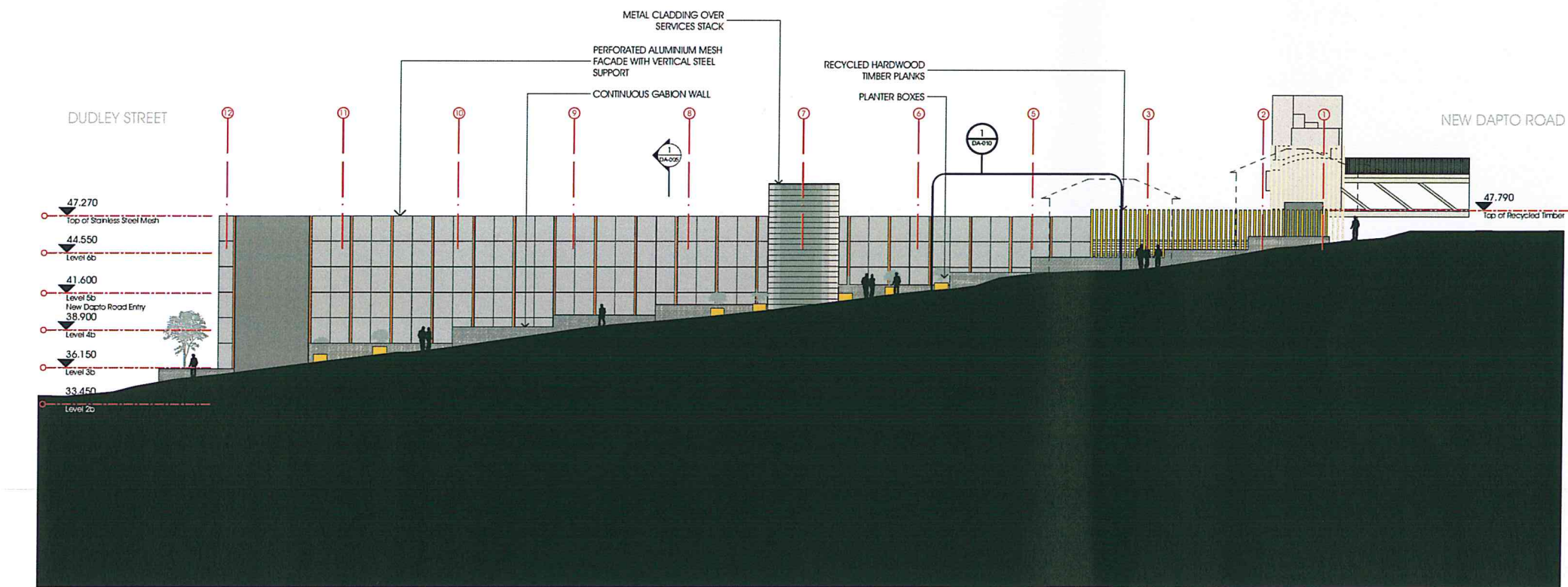
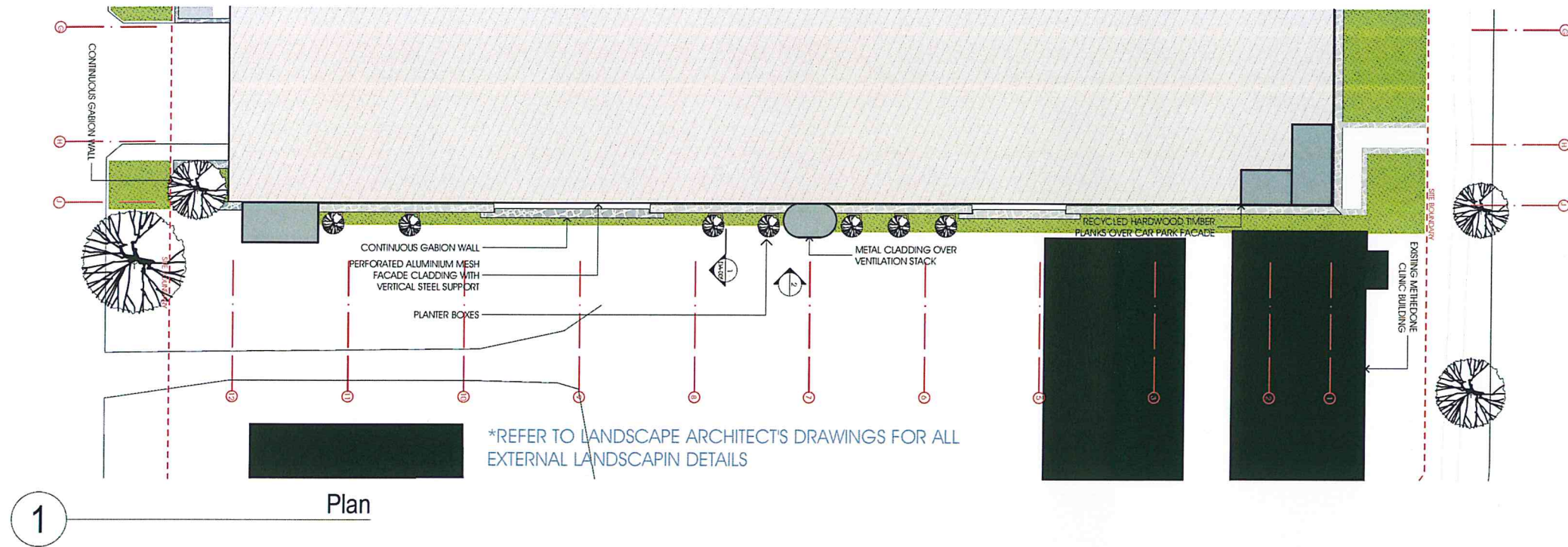
Sheet No. *16* of *26*



2 New Dapto Road 1 Elevation

Wollongong Hospital Car Park

DEVELOPMENT APPLICATION



2 Urunga Parade Elevation

Wollongong Hospital Car Park

DEVELOPMENT APPLICATION

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SCALE

PRINT DATE
13/09/2013

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DRAWING
Urunga Parade Elevation

PROJECT NO.
21225

DRAWING NO.
DA-003

ISSUE
B

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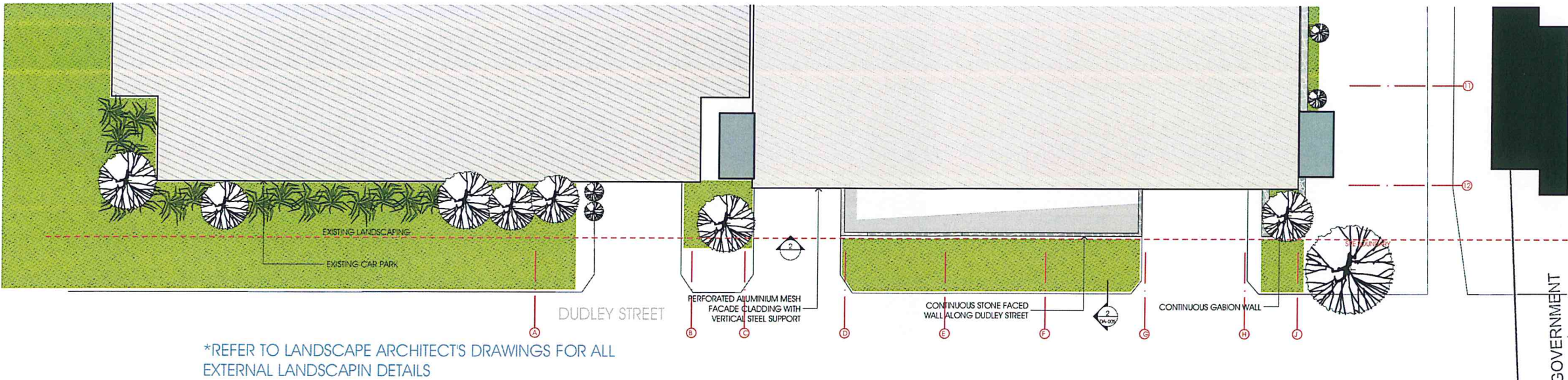
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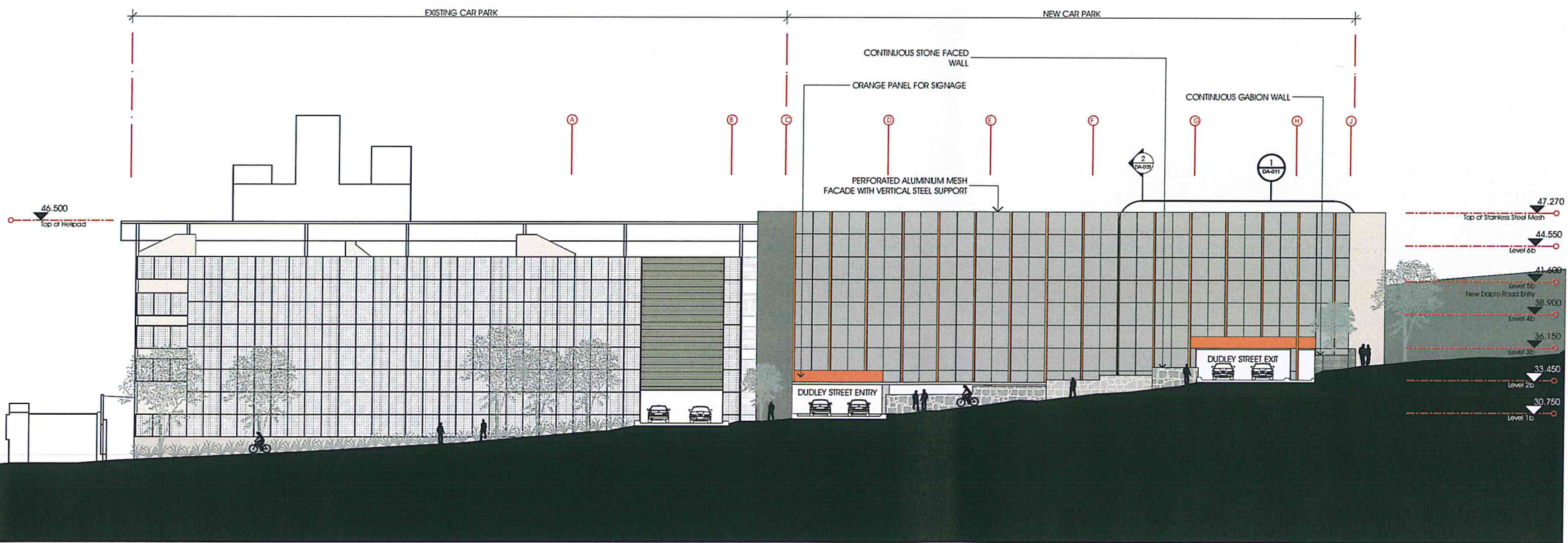
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Sheet No. *17* of *26*



1 Plan

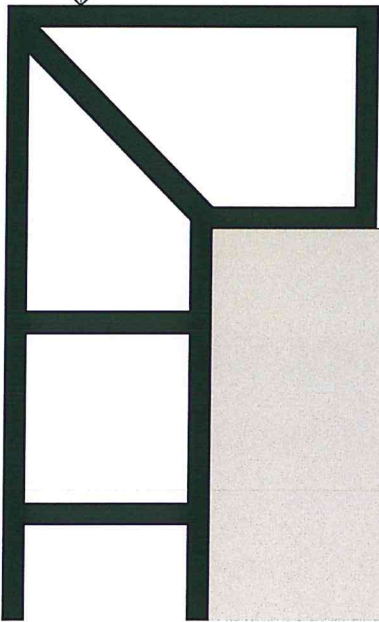


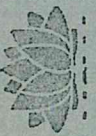
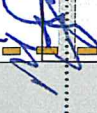
2 Dudley Street Elevation

Wollongong Hospital Car Park

DEVELOPMENT APPLICATION

- RECYCLED TIMBER PLANKS OVER
EXISTING ENTRY FACADE
- EXISTING FACE OF CAR PARK TO BE
PAINTED CHARCOAL
- RECYCLED TIMBER PLANKS OVER
EXISTING ENTRY FACADE ON THE
NORTHERN END OF EXISTING CAR
PARK
- EXISTING FACE OF CAR PARK TO BE
PAINTED CHARCOAL
- RE PAINT METAL RAIL AROUND
EXISTING HELIPAD

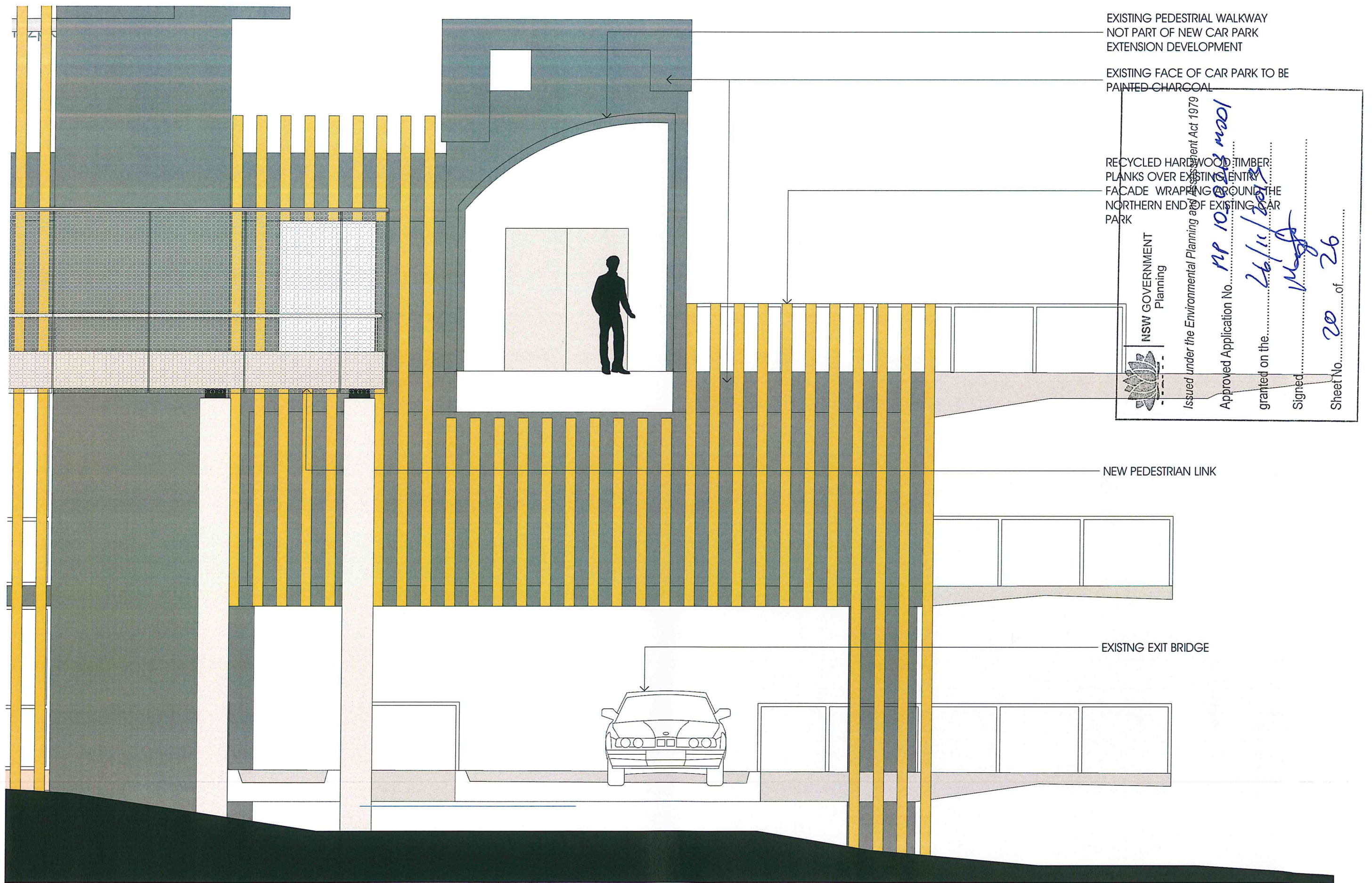


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	Approved Application No.	MP 10-0213
	granted on the	26/11/2013
	Signed	
Sheet No.		19 of 26

1 DA - Plan 1:50

Wollongong Hospital Car Park

DEVELOPMENT APPLICATION



Wollongong Hospital Car Park

1

Northern Elevation 1:50

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CLIENT



PROJECT NORTH

SCALE

PRINT DATE

13/09/2013

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DRAWING

New Dapto Road Elevation

PROJECT NO.

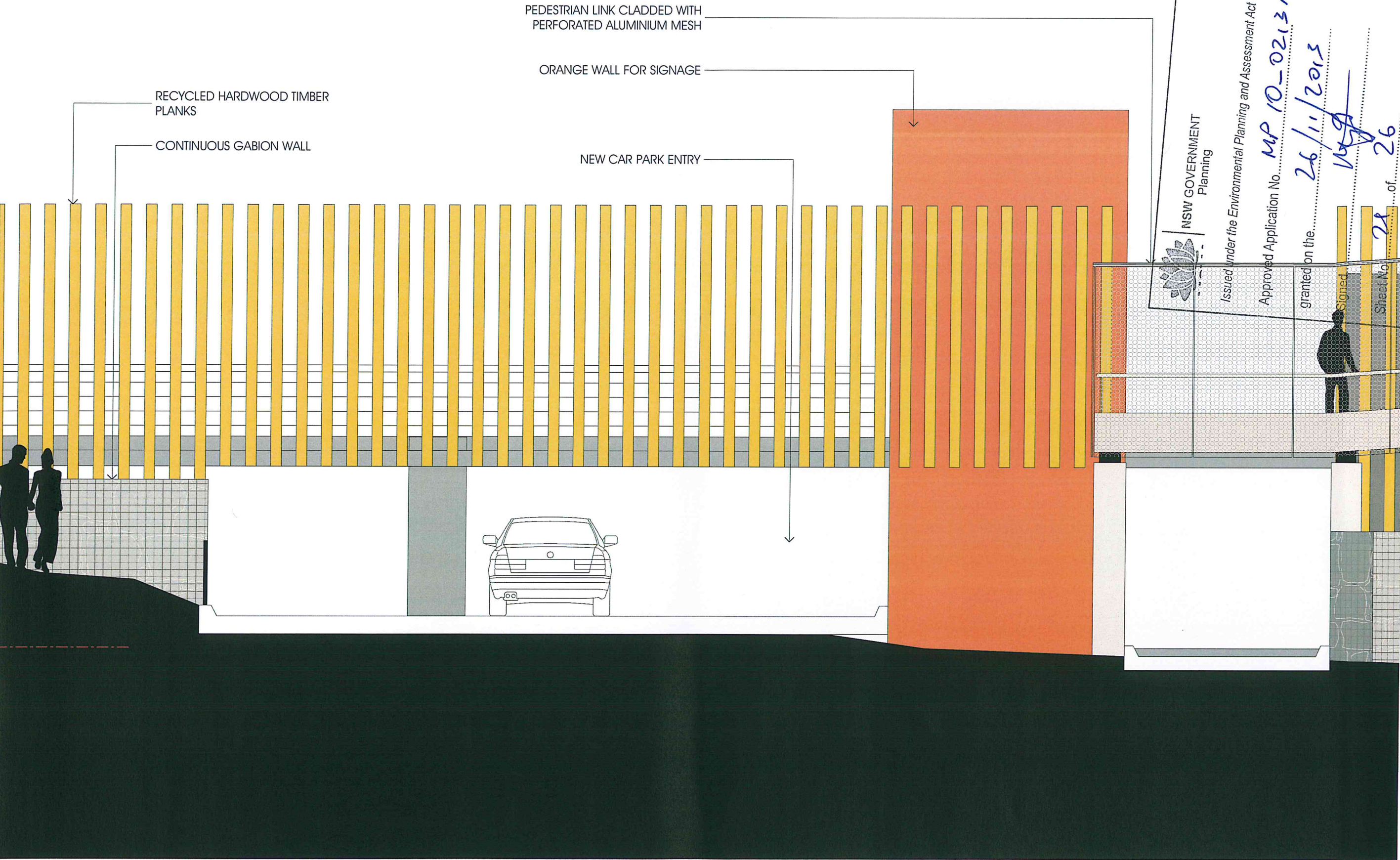
21225

DRAWING NO.

DA-007

ISSUE

A





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Planning

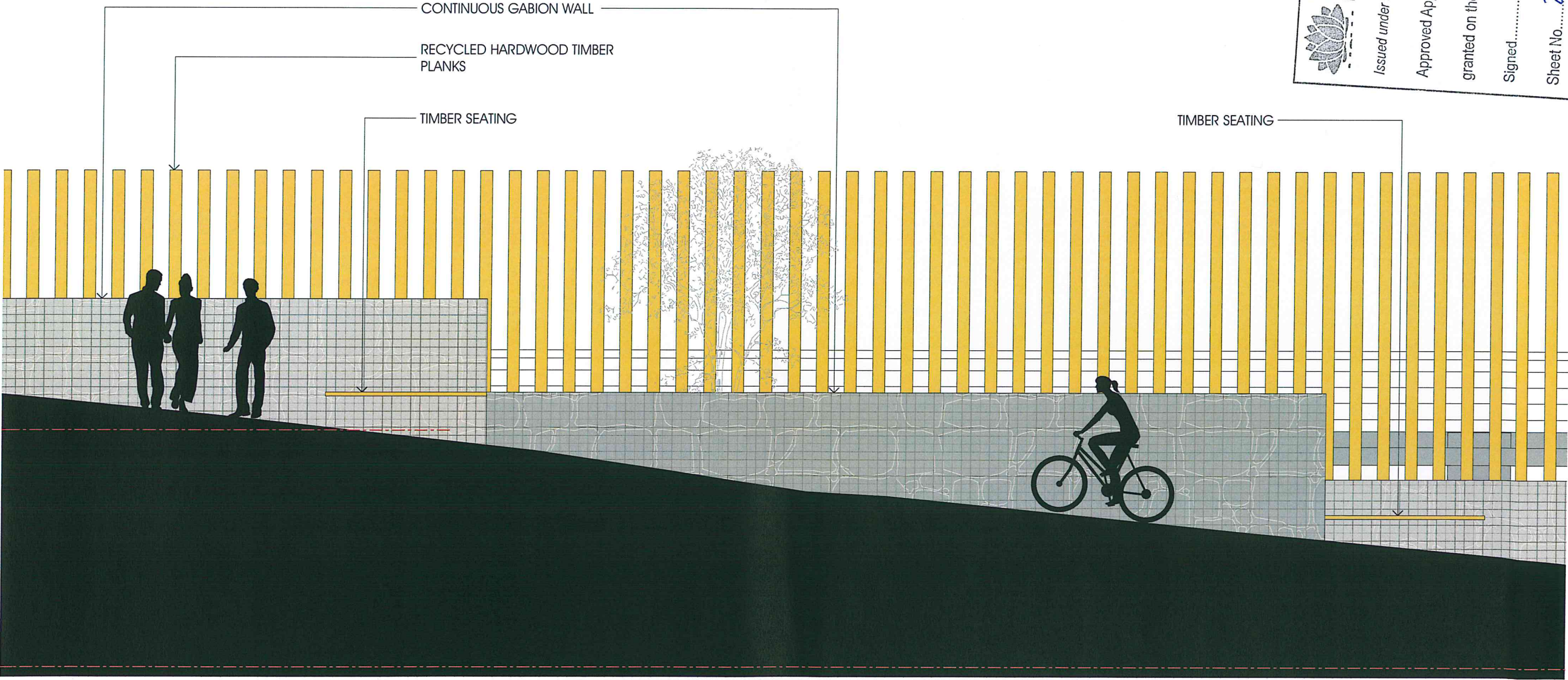
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Approved Application No. *MP 10-0215 mod*

granted on the *26/11/2013*

Signed *W. G. J.*

Sheet No. *22* of *26*

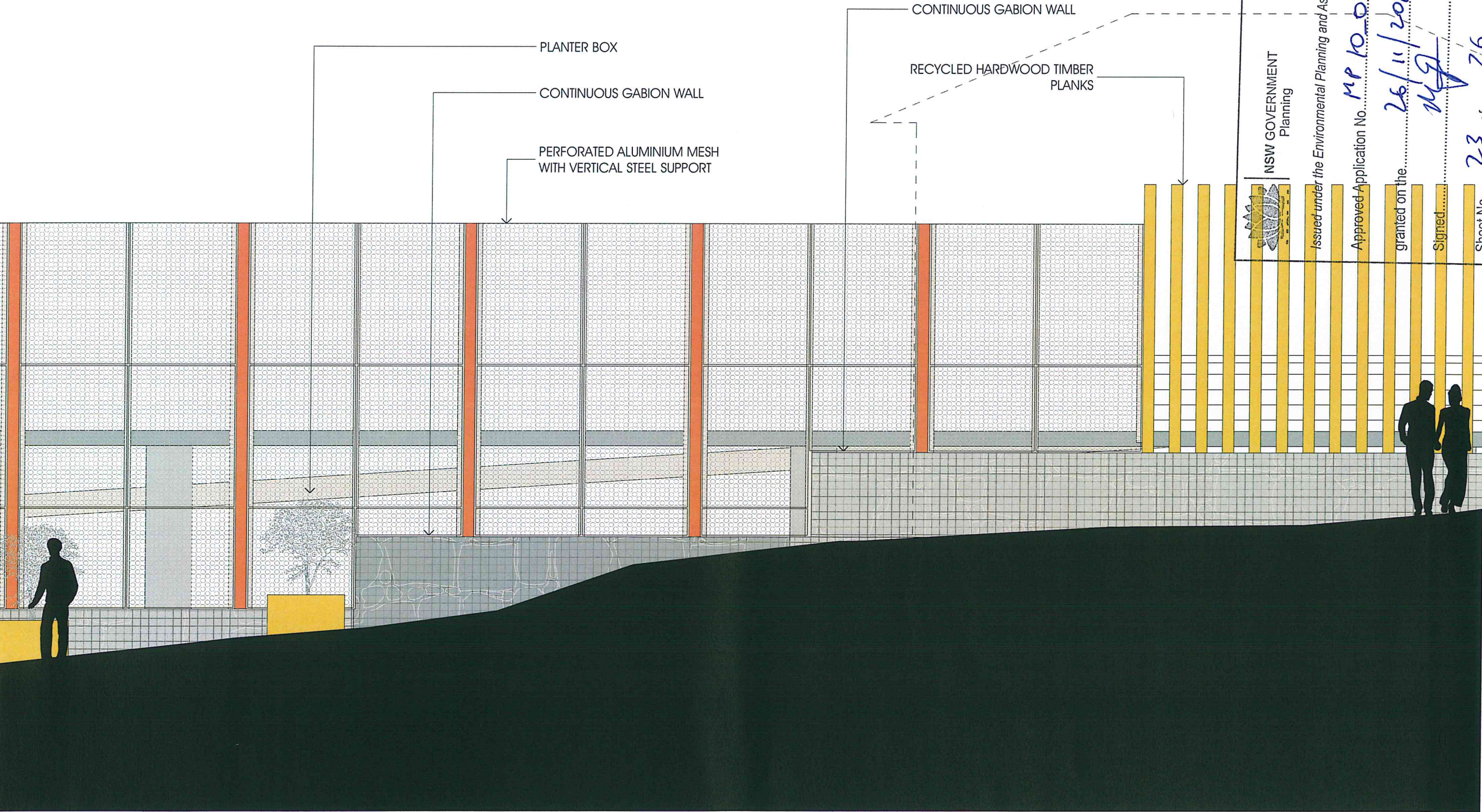


Wollongong Hospital Car Park

1

Northern Elevation 1:50

DEVELOPMENT APPLICATION



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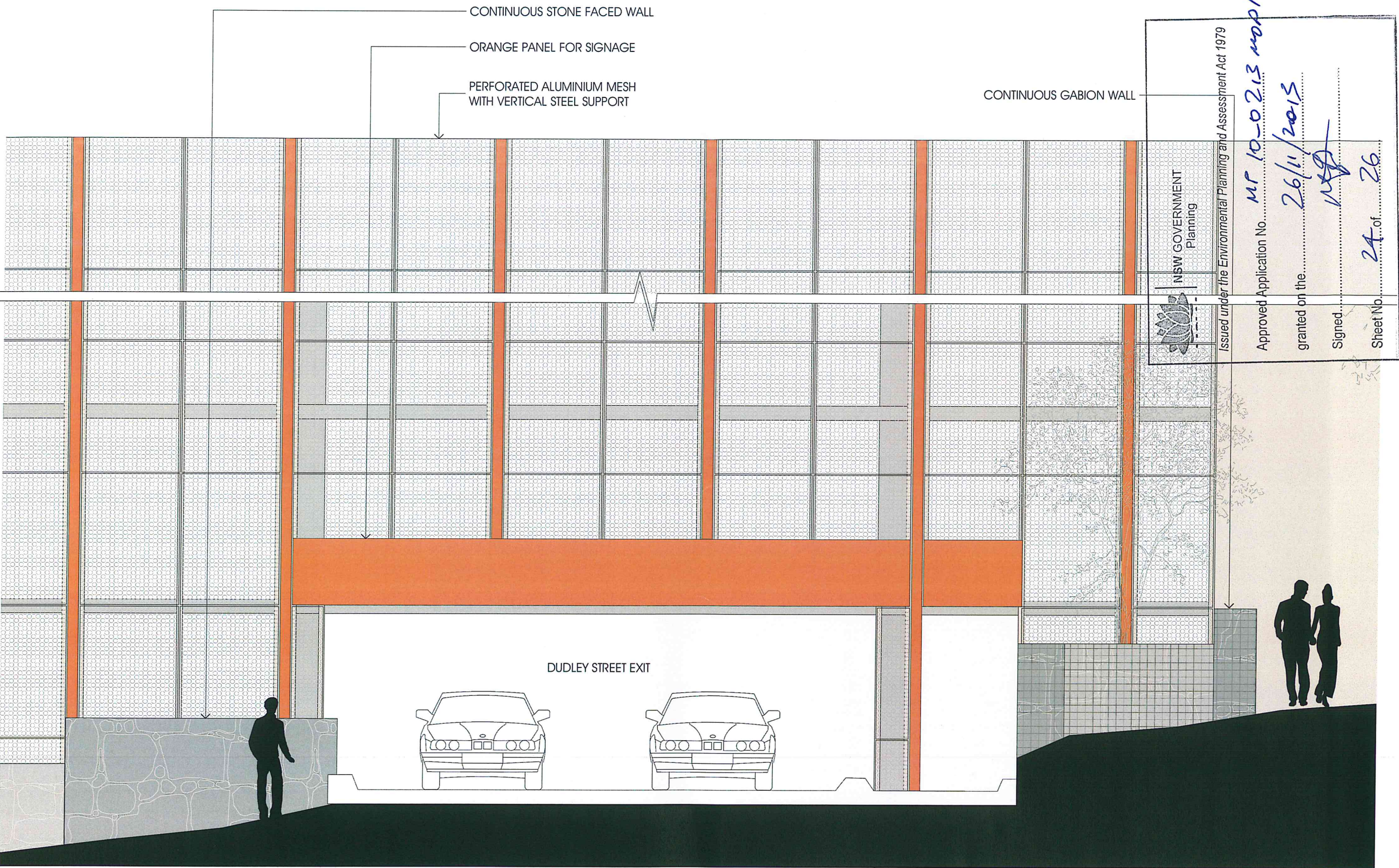
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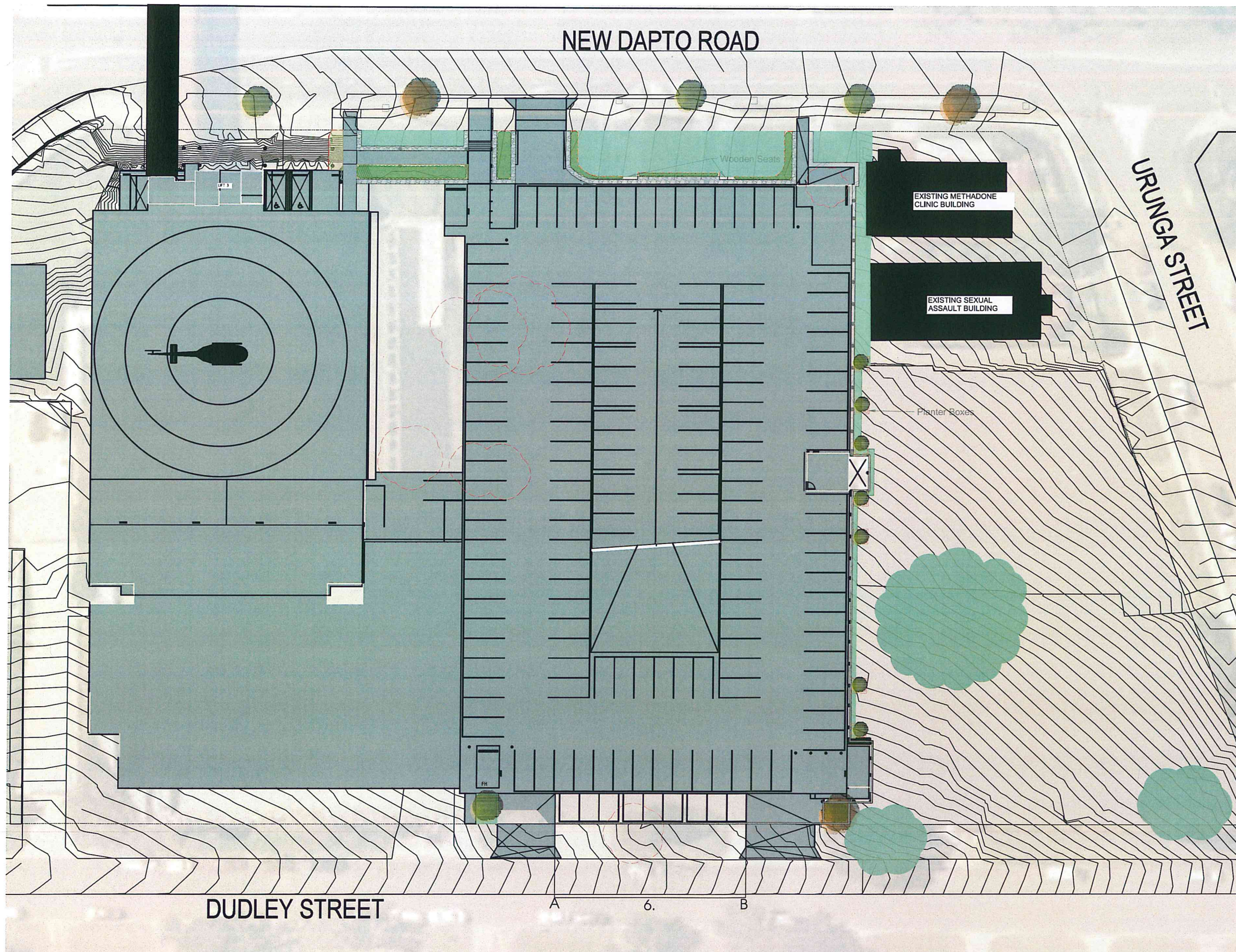
Approved Application No. *MP 10 0213 1001*

granted on the *26/11/2013*

Signed *[Signature]*

Sheet No. *23* of *26*





LEGEND

Grass Surface

Shrub Areas

Planter areas to have 50mm depth of mulch

100 x 250 Wooden grass/planter area edge

Proposed Trees

Existing Trees to be removed

Existing Trees to be retained

Temporary planter boxes - 2m x 2m x 0.8 high

NOTES

1. All planter areas to have mulch minimum of 30mm below adjacent grass or paved surface.
2. All planter areas to have a minimum of 300mm topsoil.
3. Weed mat is to be installed in all planter areas.
4. Stake and add wind protectors to all trees as required.
5. Grass surfaces installed by others.
6. Climber species to be grown along the gabion wall from point A to B.
7. For shrub area please see sheet 2 for species

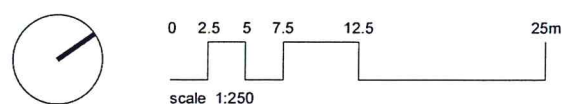
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Sheet No. *25* of *26*



PLANT LIST

	Botanical Name	Common Name	Type of Plant	Mature Height (m)	Mature Width (m)
	Elaeocarpus reticulatus	Blueberry Ash	Small Tree	6	3
	Callistemon citrinus	Crimson Bottlebrush	Small Tree	4	3
	Syzygium leuhmannii	Lilly Pilly	Small Tree	6	5
	Dianella tasmanica	silver StreakFlax Lily	Shrub	0.5	0.4
	Lomandra Katrinus	Katrinus	Shrub	1	1.2
	Raphiolepis indica	Indian Hawthorn	Shrub	2	1
	Clematis gentianoides x aristata	Clematis Southern Cross	Climber	0.6	0.6
	Hardenbergia violacea	Edna Walling snow white	Climber	0.1	2
	Stenotaphrum secundatum	Palmetto Buffalo	Grass		

PLANTING DESIGN INTENT:

- Trees and shrubs chosen to create layers of colour, texture and sizes
- Trees placed away from the building to create safe spaces and high visibility when considering crime prevention through environmental design
- Wooden planting edges used to connect materiality to building
- Seating areas included for passive recreation purposes
- Temporary tree planter boxes to be installed to break up the visual mass of the parking structure
- All plant species are suited to the local conditions, hardy and low maintenance
- Mulch and weed mat will be used in shrub area to create low maintenance spaces
- These spaces will improve the amenity of the area overall

VINE PLANTING ON GABION WALLS



NSW GOVERNMENT
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Signed WFA

Sheet No. 26 of 26