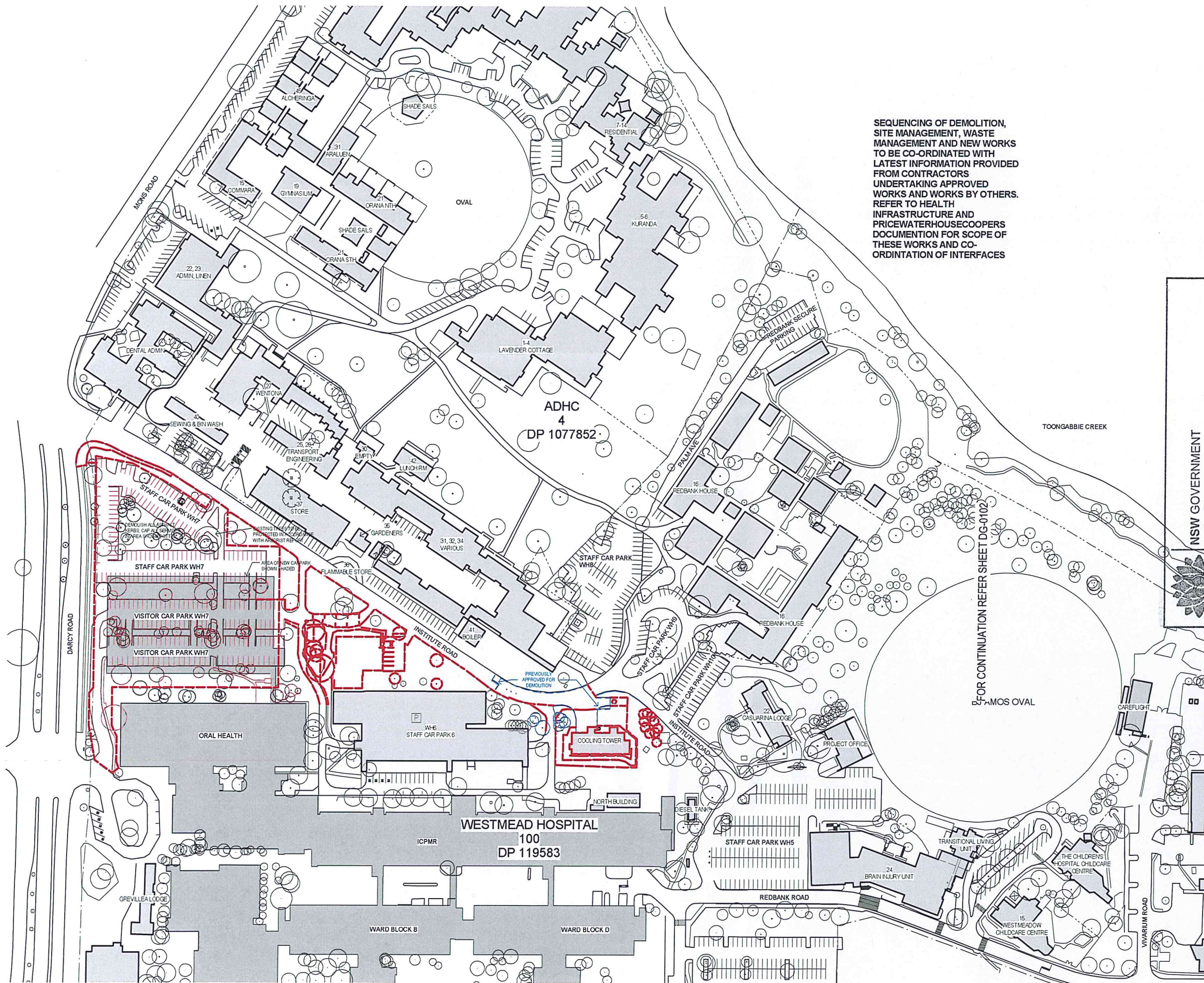
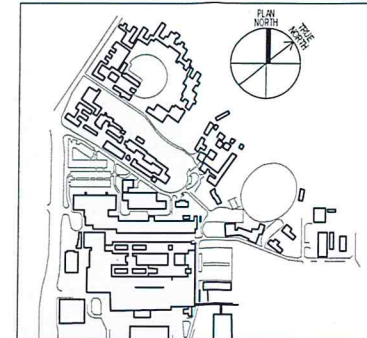




SEQUENCING OF DEMOLITION,
SITE MANAGEMENT, WASTE
MANAGEMENT AND NEW WORKS
TO BE CO-ORDINATED WITH
LATEST INFORMATION PROVIDED
FROM CONTRACTORS
UNDERTAKING APPROVED
WORKS AND WORKS BY OTHERS.
REFER TO HEALTH
INFRASTRUCTURE AND
PRICEWATERHOUSECOOPERS
DOCUMENTATION FOR SCOPE OF
THESE WORKS AND CO-
ORDINATION OF INTERFACES



REV	DESCRIPTION	DRAWN	CHECK	DATE
1	TENDER	RT	TR	14/12/15

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granted on the **25/05/16**
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Sheet No. **1** of **62**

TREES TO BE DEMOLISHED
TO BE CHECKED AND READ IN
CONJUNCTION WITH CIVIL,
TRAFFIC AND ARBORIST
DRAWINGS AND REPORTS

ISSUE FOR TENDER
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NSW HEALTH
INFRASTRUCTURE

PROJECT MANAGER
PRICE WATERHOUSE
COOPERS

LEAD ARCHITECT
HDR | RD + MSJ

WESTMEAD MULTI STOREY CARPARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145

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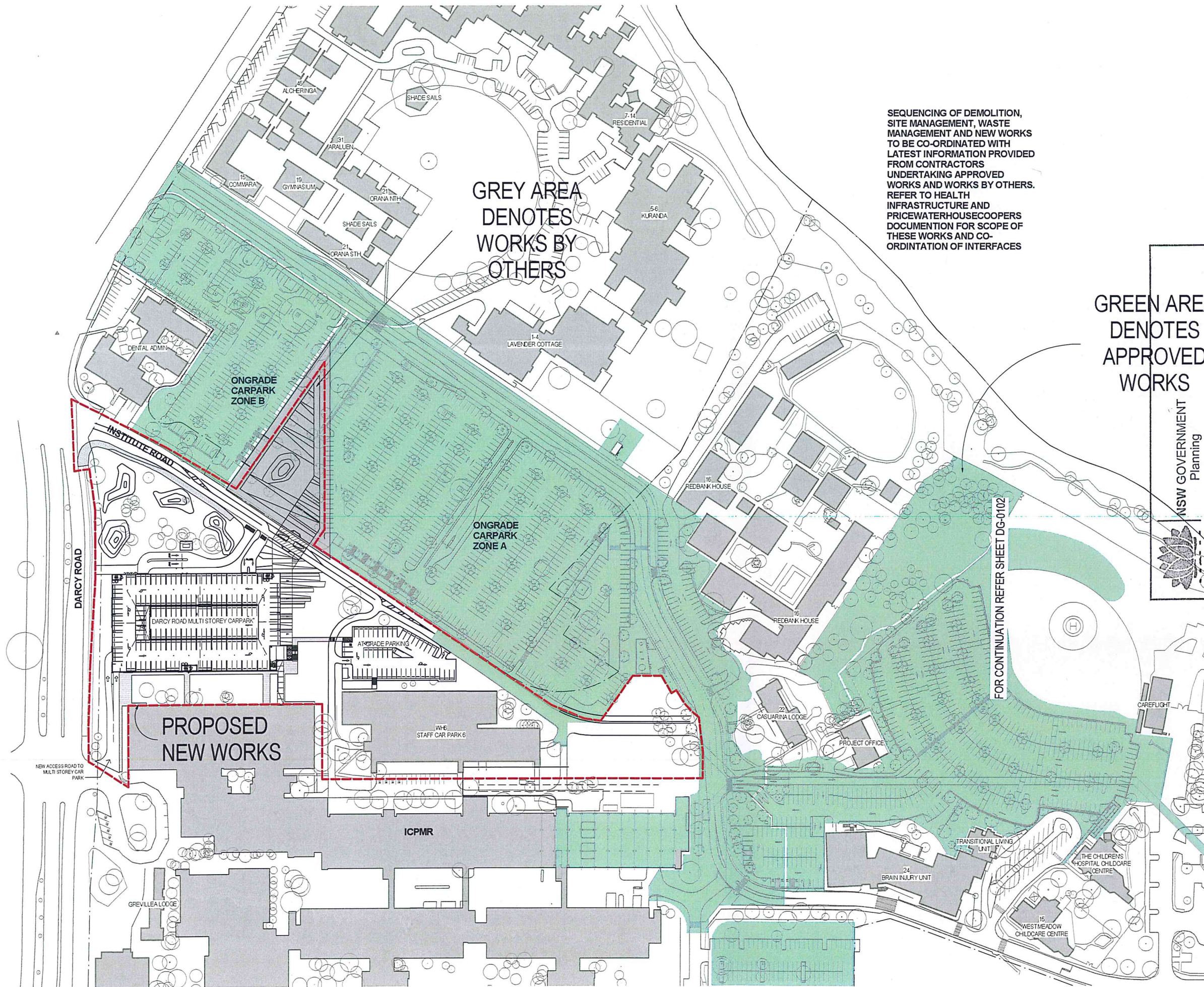
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SCALE
1:1000

DWG NO.
5335

PROJECT NO.
232186

ISSUE
MSC-HDR-AR-DG-030101



SEQUENCING OF DEMOLITION,
SITE MANAGEMENT, WASTE
MANAGEMENT AND NEW WORKS
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REFER TO HEALTH
INFRASTRUCTURE AND
PRICEWATERHOUSECOOPERS
DOCUMENTATION FOR SCOPE OF
THESE WORKS AND CO-
ORDINATION OF INTERFACES

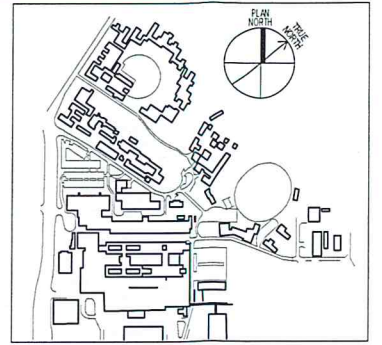
GREY AREA
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WORKS BY
OTHERS

GREEN AREA
DENOTES
APPROVED
WORKS



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Sheet No. **2** of **62**



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1	TENDER	RT	TR	14/12/15

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NSW HEALTH
INFRASTRUCTURE

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F: (02) 9904 1377
www.health.nsw.gov.au

PROJECT MANAGER
PRICE WATERHOUSE
COOPERS

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201 Sussex Street
Sydney NSW 2000
P: (02) 8266 2750
F: (02) 8266 2750
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LEAD ARCHITECT

HDR | RD + MSJ

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North Sydney NSW 2060
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F: (02) 9956 2666
askhadr@hadr.com.au

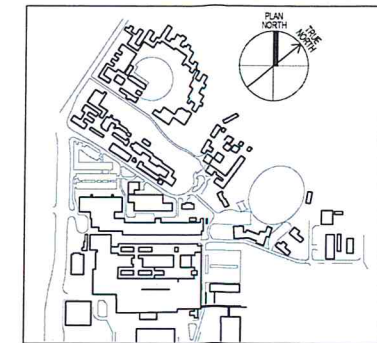
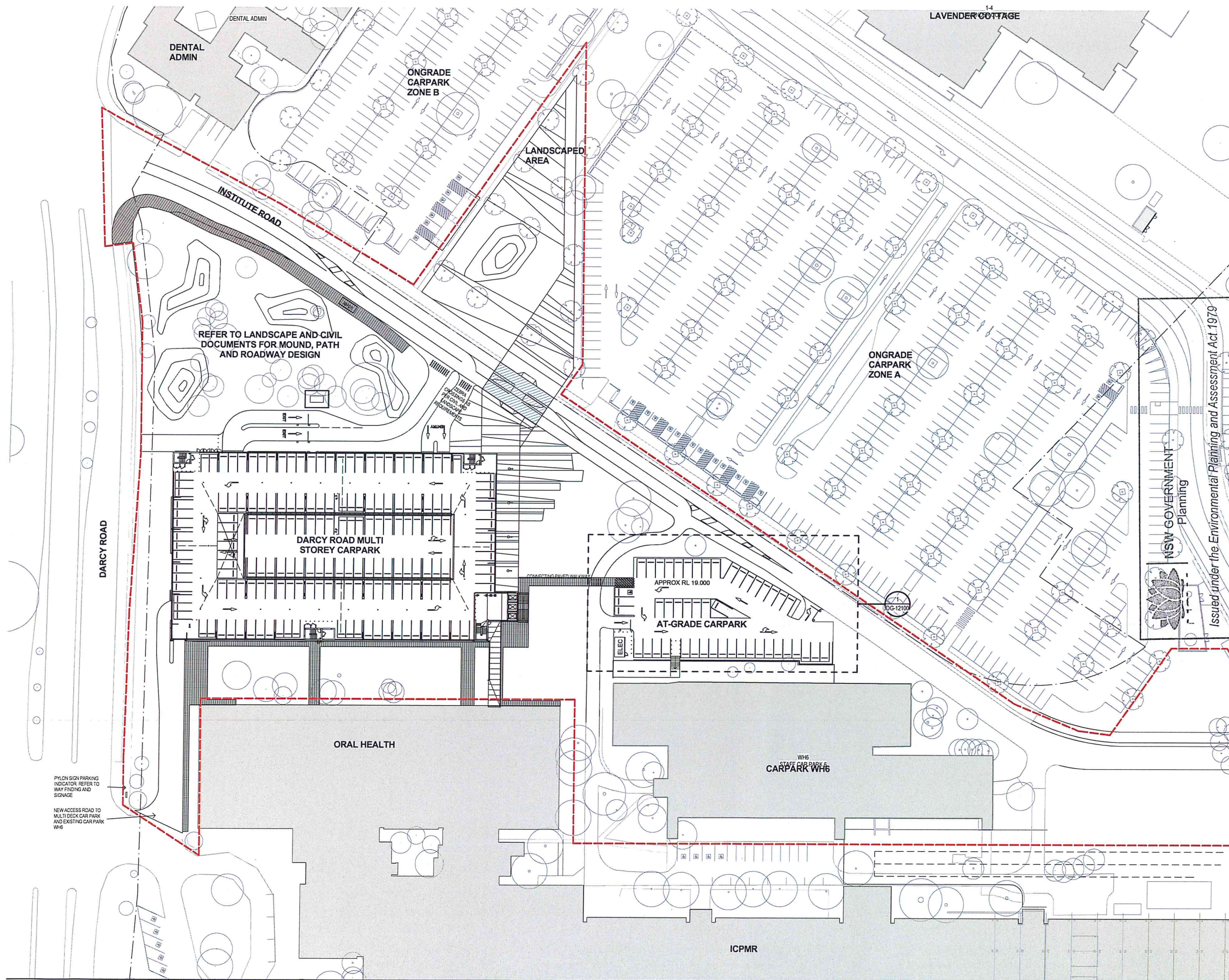
WESTMEAD MULTI STOREY CARPARK
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Westmead NSW 2145

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DRAWING TITLE
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SCALE
1:1000
DRAWING NUMBER
5335
PROJECT NUMBER
232186
DRAWING NAME
MSC-HDR-AR-DG-100001
DATE
14/12/15

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1	TENDER	RT	TR	14/12/15
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DRAWING TITLE
CARPARK SITE PLAN

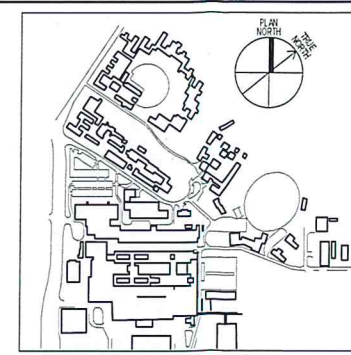
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PROJECT NUMBER
232186 MSC-HDR-AR-DG-10010 2

DRAWING NUMBER
5335

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AF

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NOTES:

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CAR SPACE SET OUT, TYPE AND SIZES TO BE READ IN CONJUNCTION WITH TRAFFIC ENGINEERS DOCUMENTATION, QUANTITY AND LOCATION OF SMALL CAR SPACES AT THE ENDS OF RAMPS SUBJECT TO INDEPENDENT TRAFFIC AND CIVIL PEER REVIEWS

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REFER TO LEVEL 1 (DG-12030) FOR STANDARD NOTES, SETOUTS & FINISHES

REFER TO DG-00010 FOR CAR SPACE NUMBERS

CHECKING FOR DISCREPANCIES
 REFERENCE TO LEVEL 1 (DG-12030) FOR STANDARD NOTES,
 SETOUTS & FINISHES
 REFERENCE TO DG-00010 FOR CAR SPACE NUMBERS

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Approved by NSW HEALTH
granted INFRASTRUCTURE
Signed.

 **NSW**
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Health
Infrastructure

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F: (02) 8280 2200
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HDR | RD + MSJ

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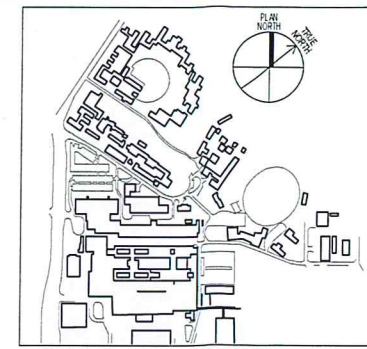
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F: (02) 9559 3000
ask@hdrms.com.au
hdrms.com.au

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DRAWING TITLE:
CARRPARK LOWER GROUND

SCALE: 1 : 200	DORS NUMBER: 5335	CHECH TR
PROJECT NUMBER: 232186	DRAWING NUMBER: MSC-HDR-AR-DG-120101	ISSUE



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REFER TO LEVEL 1 (DG-1030) FOR STANDARD NOTES, SETOUTS & FINISHES

REFER TO DG-00010 FOR CAR SPACE NUMBERS

Approved Application No. SSD 7262

granted on the.....	5/5/11
ISSUE FOR TENDER	
Signed.....	<i>[Signature]</i>
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HDR | RD + MSJ

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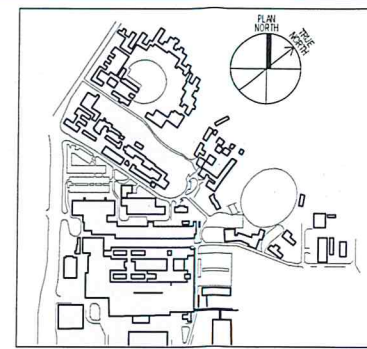
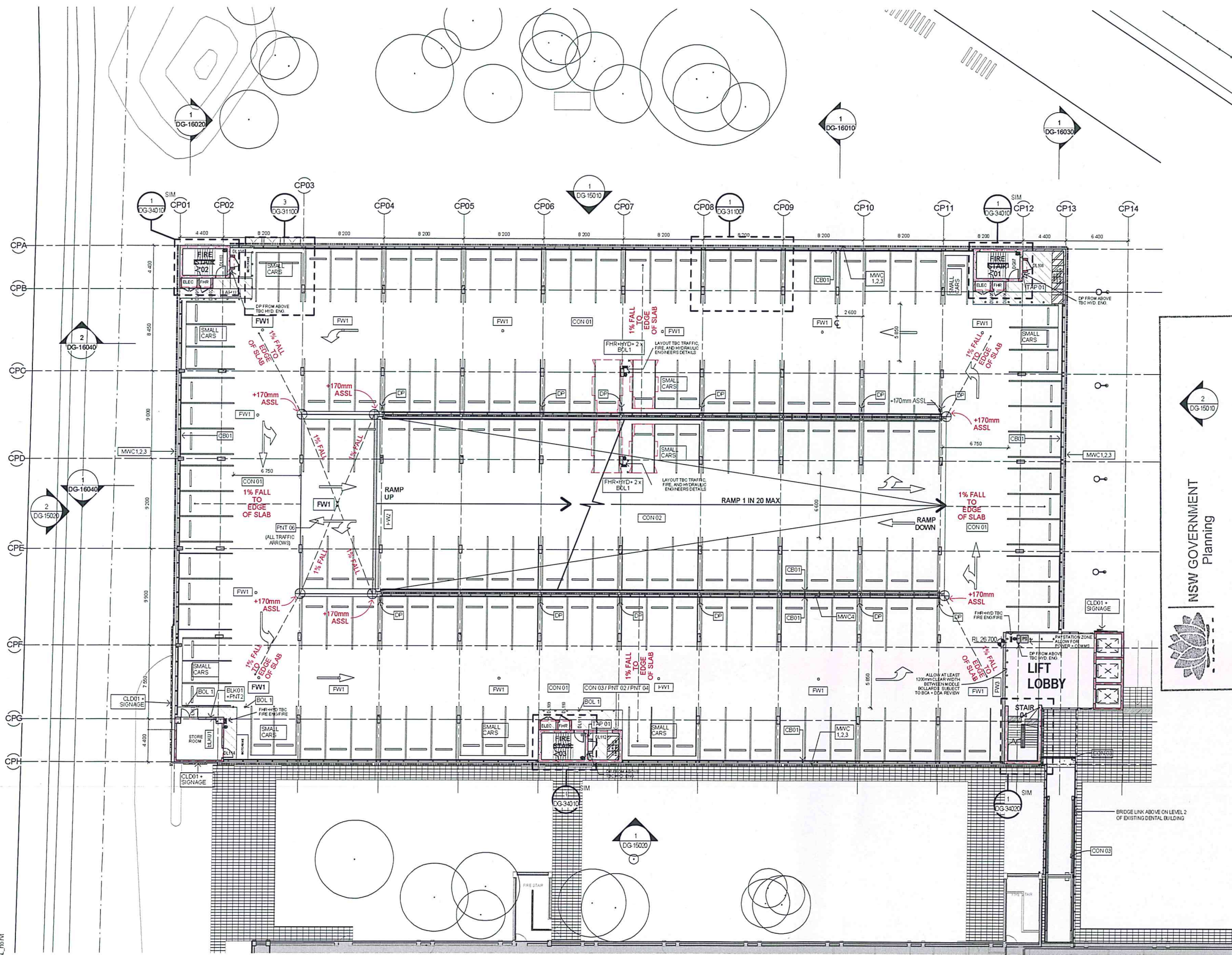
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1	TENDER	RT	TR	14/12/15

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NSW HEALTH INFRASTRUCTURE

PROJECT MANAGER
PRICE WATERHOUSE COOPERS

DRAWING TITLE
HDR | RD + MSJ

SCALE
1:200

DOCS NUMBER
5335

ISSUE
TR

PROJECT NUMBER
232186

DRAWING NUMBER
MSC-HDR-AR-DG-120301

NSW HEALTH INFRASTRUCTURE

Health Infrastructure

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PRICE WATERHOUSE COOPERS

201 Sutherland Street
Sydney NSW 2000

P: (02) 8266 2750
F: (02) 8266 2750
www.pwc.com.au

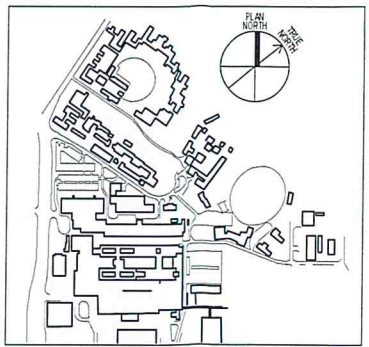
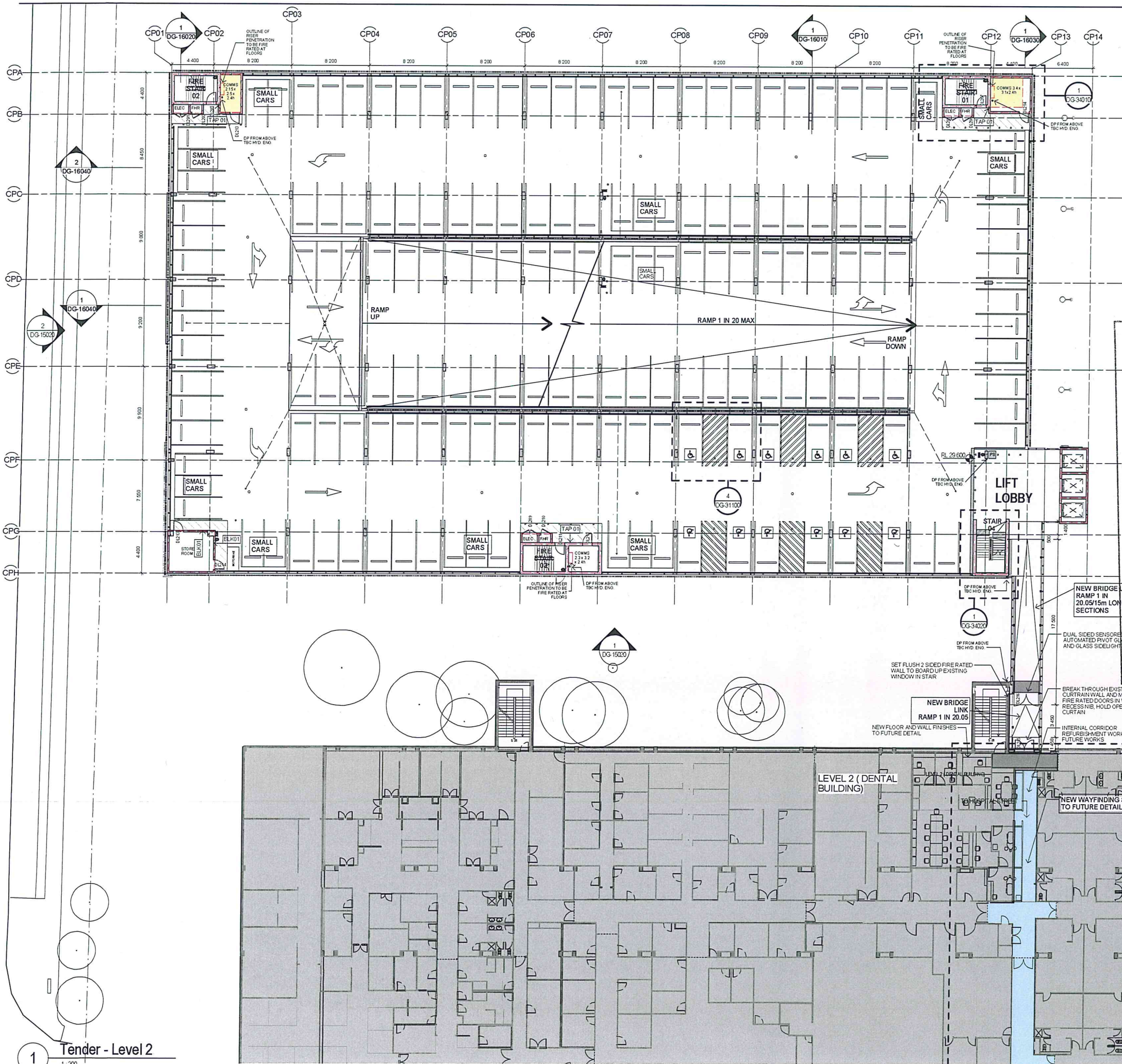
LEAD ARCHITECT
HDR | RD + MSJ

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askhadr@harcad.com.au

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1	TENDER	RT	TR	14/12/15

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REFER TO DG-00010 FOR CAR SPACE NUMBERS

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Sydney NSW 2000
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DRAWING TITLE
CARPARK LEVEL 02 PLAN

SCALE
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DWG NUMBER
5335

CHECKED
TR

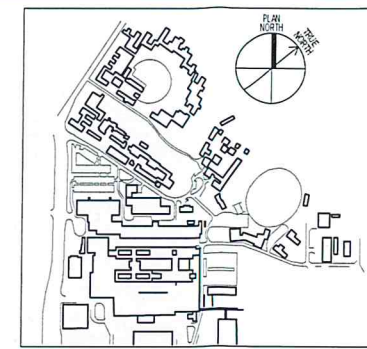
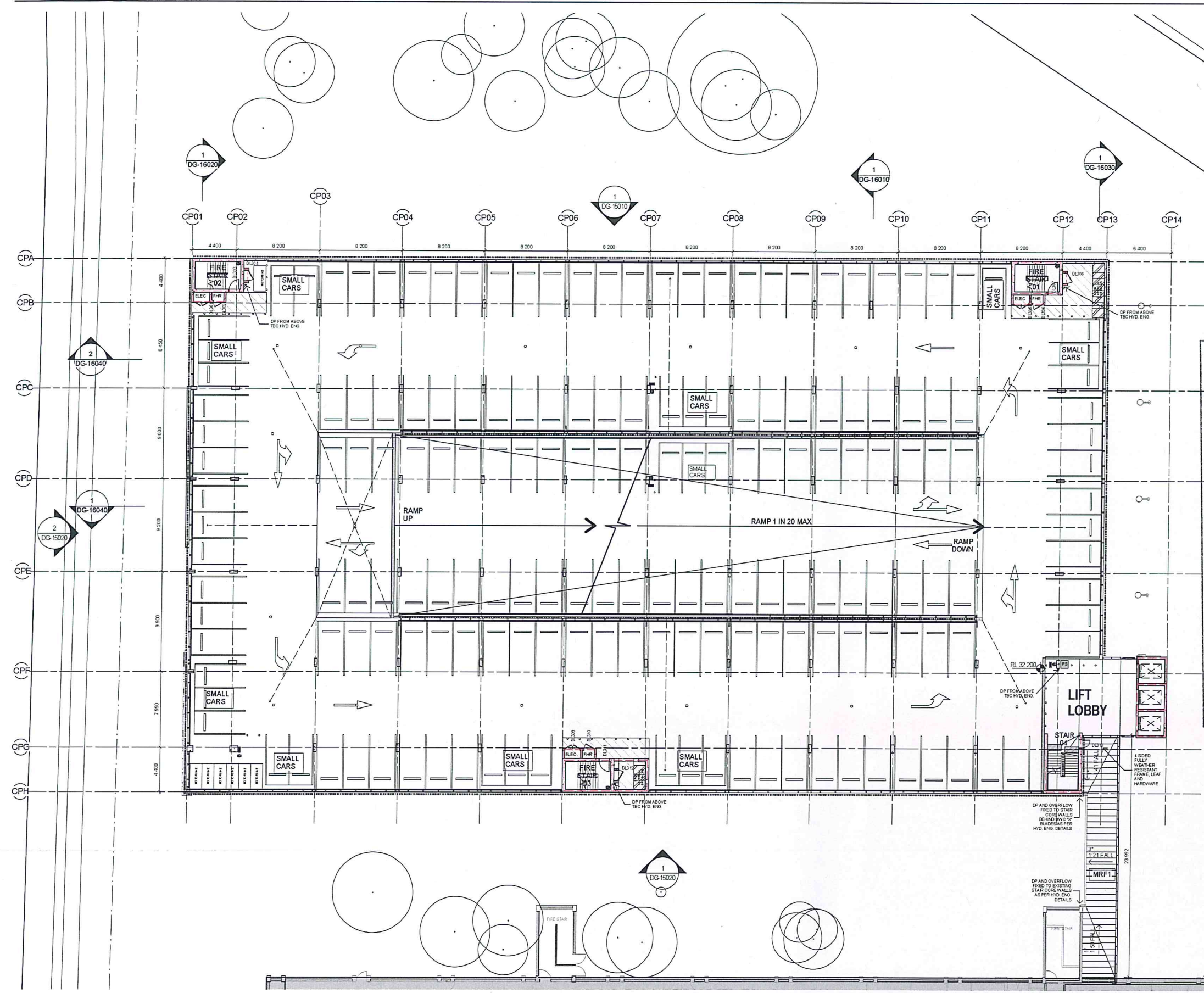
PROJECT NUMBER
232186

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MSC-HDR-AR-DG-120401

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1 Tender - Level 3
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1 - FIRE RATED WALLS AS PER BCA AND FIRE ENGINEERS REQUIREMENTS. CONTRACTOR RESPONSIBLE FOR CONFIRMING EXTENTS AND CHECKING FOR DISCREPANCIES

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REFER TO DG-00010 FOR CAR SPACE NUMBERS

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CARPARK LEVEL 03 PLAN

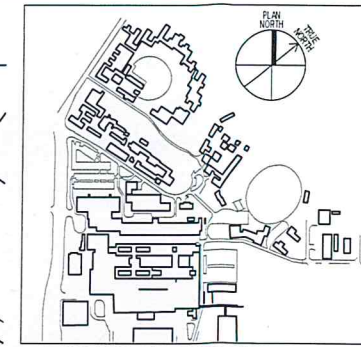
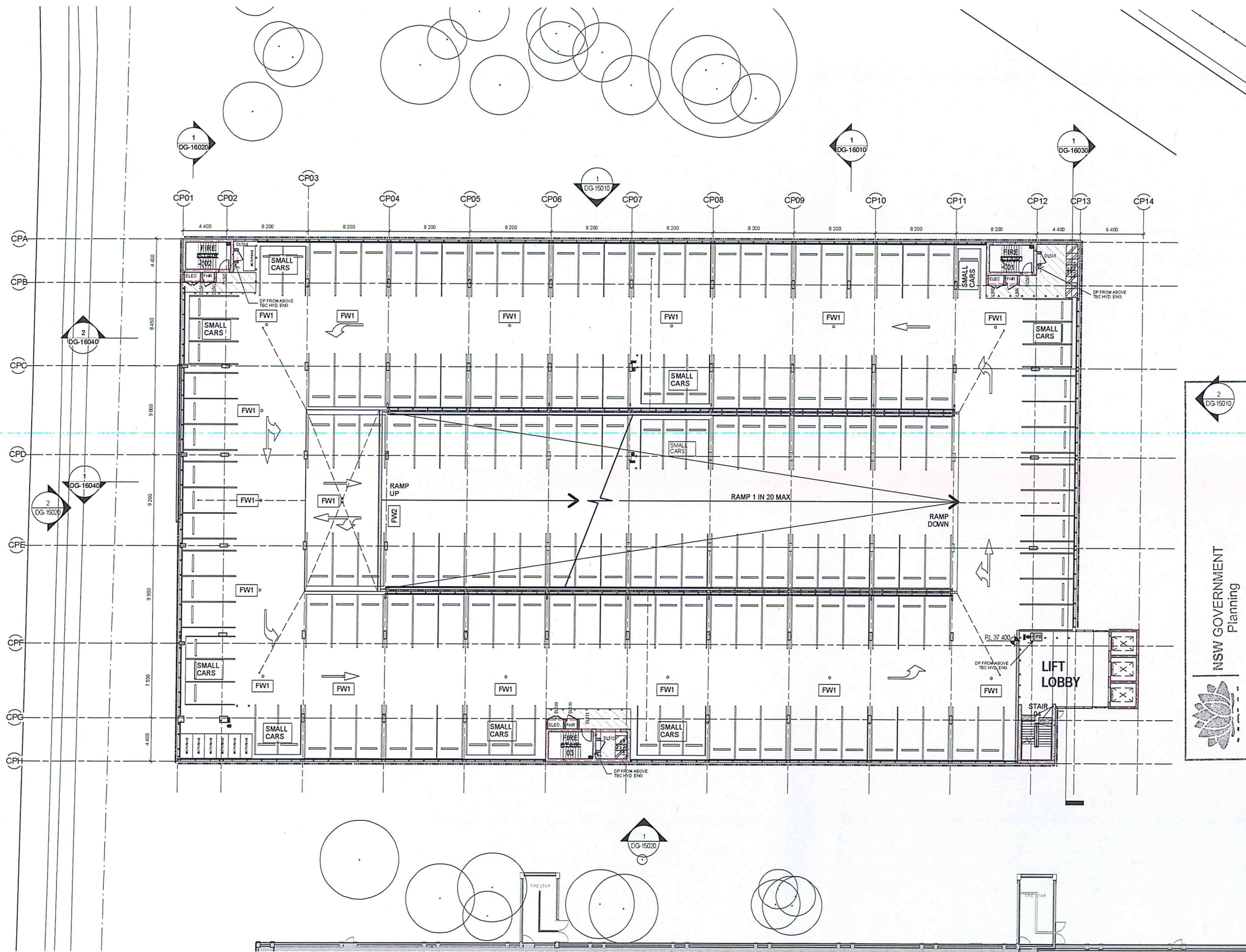
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DWG# 5335

PROJECT NAME
232186

DRAWING NAME
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REFER TO DG-00010 FOR CAR SPACE NUMBERS

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PROJECT MANAGER
PRICE WATERHOUSE
COOPERS

Darling Park
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Sydney NSW 2000

LEAD ARCHITECT

NSW HEALTH
INFRASTRUCTURE

Price Waterhouse Coopers

HDR | RD + MSJ

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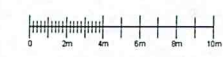
PROJECT MANAGER
PRICE WATERHOUSE
COOPERS

WESTMEAD MULTI STOREY CARPARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145

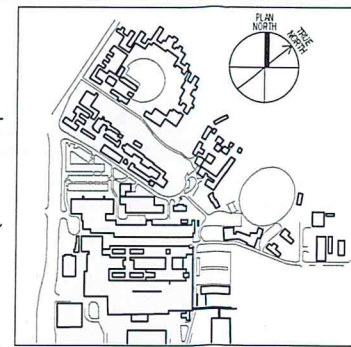
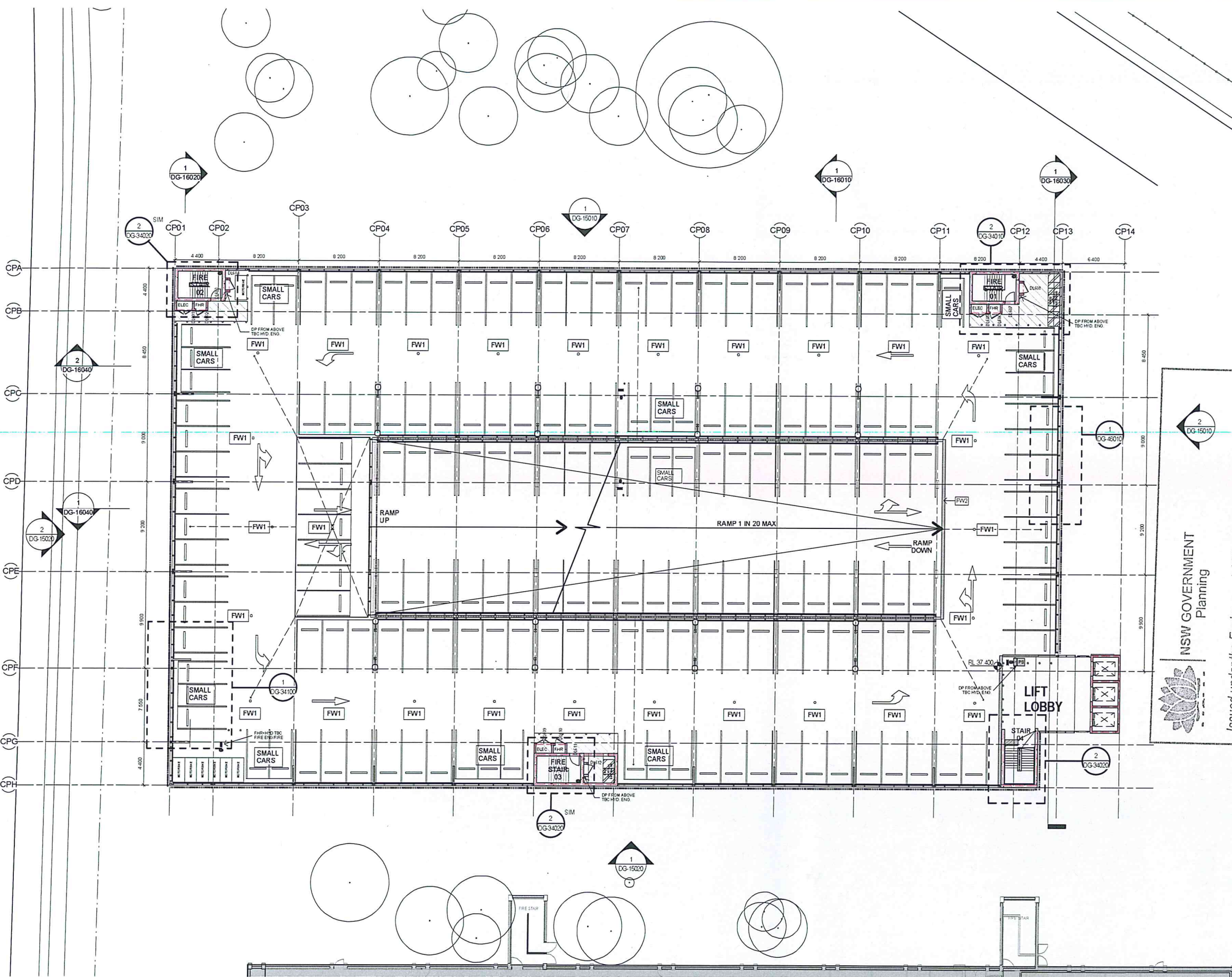
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CARPARK LEVEL 05 PLAN

SCALE 1:200	DOWNS NUMBER 5335	CHECKED TR
PROJECT NUMBER 232186	DRAWING NUMBER MSC-HDR-AR-DG-120701	ISSUE



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REFER TO LEVEL 1 (DG-1203) FOR STANDARD NOTES, SETOUTS & FINISHES
REFER TO DG-00010 FOR CAR SPACE NUMBERS

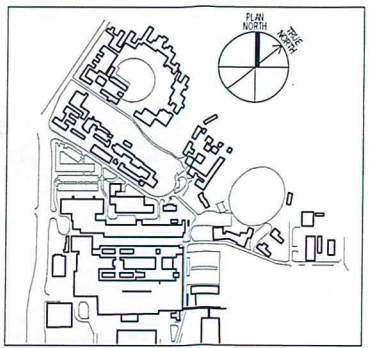
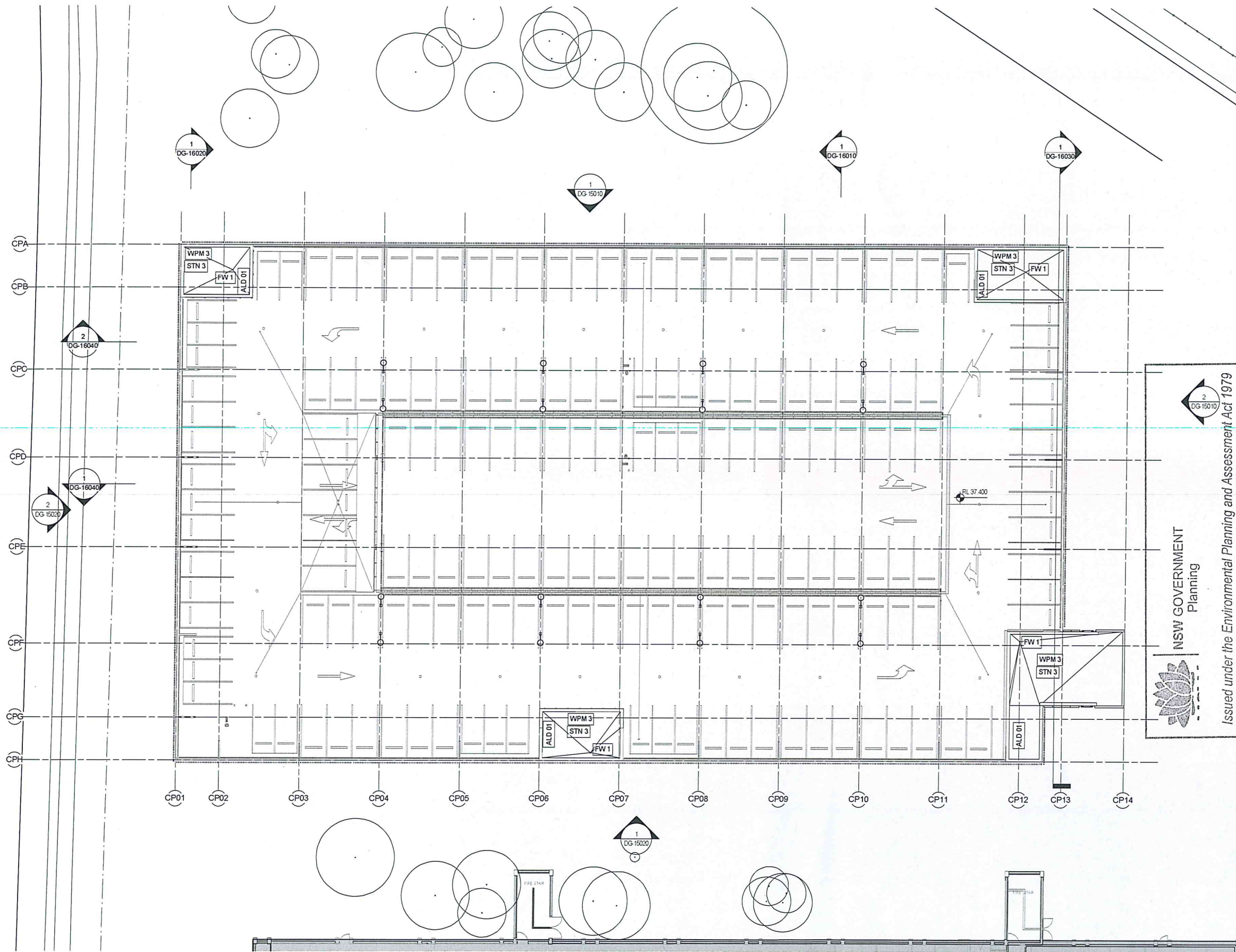
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Signed **11** of **62**
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DRAWING TITLE
CARPARK LEVEL 06 PLAN
SCALE
1:200
PROJECT NUMBER
232186
DRAWING NUMBER
5335
DATE
14/12/15
ISSUE
TR

1 Tender - Level 6
1:200



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NOTES:

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CAR SPACE SET OUT, TYPE AND SIZES TO BE READ IN CONJUNCTION WITH TRAFFIC ENGINEERS DOCUMENTATION. QUANTITY AND LOCATION OF SMALL CAR SPACES AT THE ENDS OF RAMPS SUBJECT TO INDEPENDENT TRAFFIC AND CIVIL PEER REVIEWS

LOCATION OF FIRE HOSE REEL AND HYDRANTS TO BE READ IN CONJUNCTION WITH FIRE SERVICES, BCA AND FIRE ENGINEERS DOCUMENTATION

— FIRE RATED WALLS AS PER BCA AND FIRE ENGINEERS REQUIREMENTS. CONTRACTOR RESPONSIBLE FOR CONFIRMING EXTENTS AND CHECKING FOR DISCREPANCIES

REFER TO LEVEL 1 (DG-12030) FOR STANDARD NOTES, SETOUTS & FINISHES

REFER TO DG-00010 FOR CAR SPACE NUMBERS

NSW GOVERNMENT
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Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. **SSD 7262**

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Sheet No. **12** of **62**

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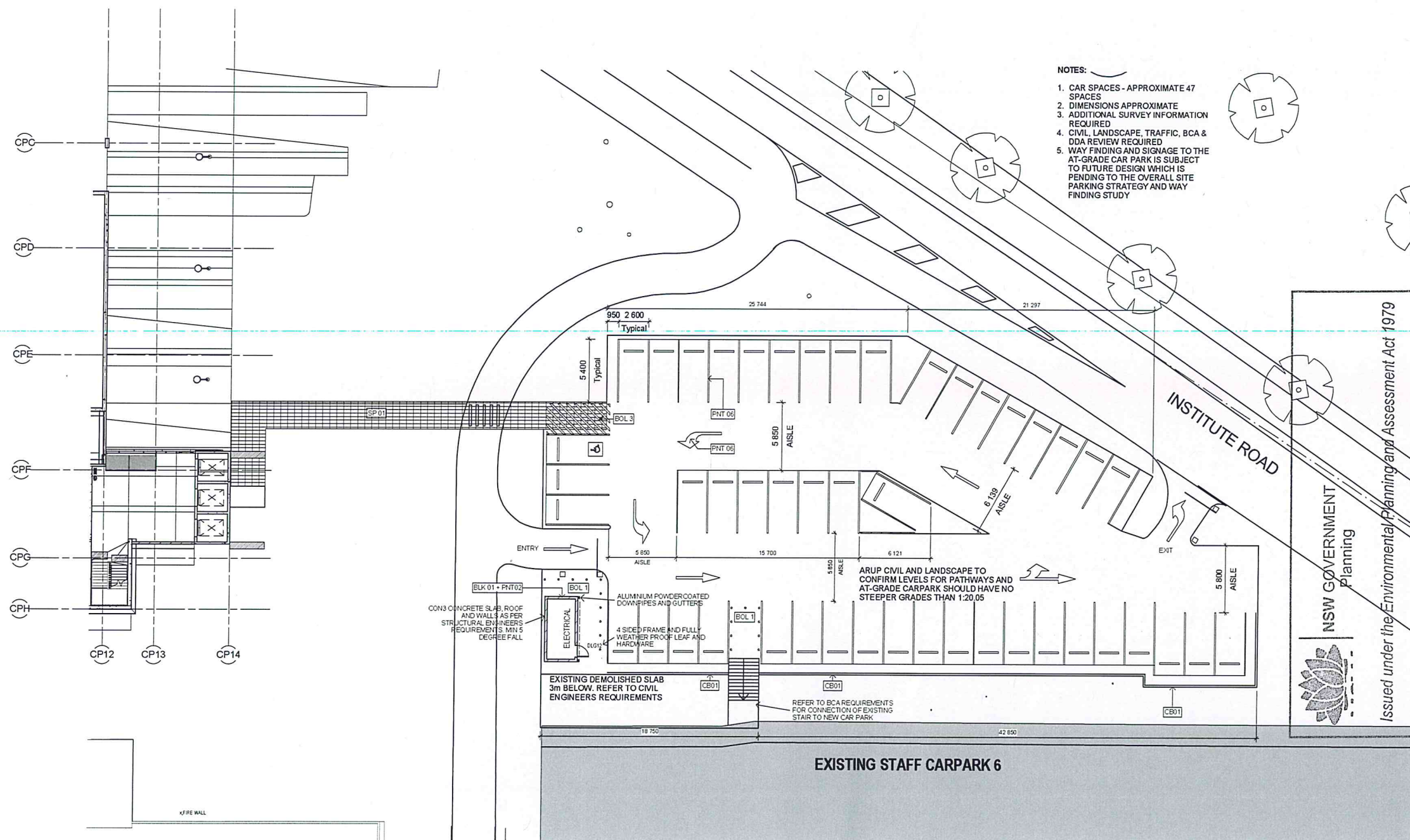
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SCALE: 1:200

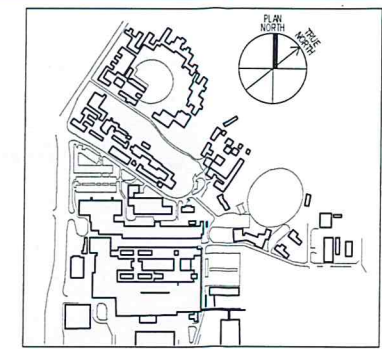
PROJECT NUMBER: 232186

DRAWING NUMBER: 5335

ISSUE: TR



- NOTES:
1. CAR SPACES - APPROXIMATE 47 SPACES
 2. DIMENSIONS APPROXIMATE
 3. ADDITIONAL SURVEY INFORMATION REQUIRED
 4. CIVIL, LANDSCAPE, TRAFFIC, BCA & DDA REVIEW REQUIRED
 5. WAY FINDING AND SIGNAGE TO THE AT-GRADE CAR PARK IS SUBJECT TO FUTURE DESIGN WHICH IS PENDING TO THE OVERALL SITE PARKING STRATEGY AND WAY FINDING STUDY



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REFER TO DG-00010 FOR CAR SPACE NUMBERS

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1 Ground, Lower -At Grade Carpark
1:200

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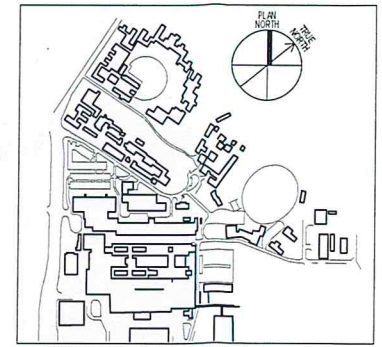
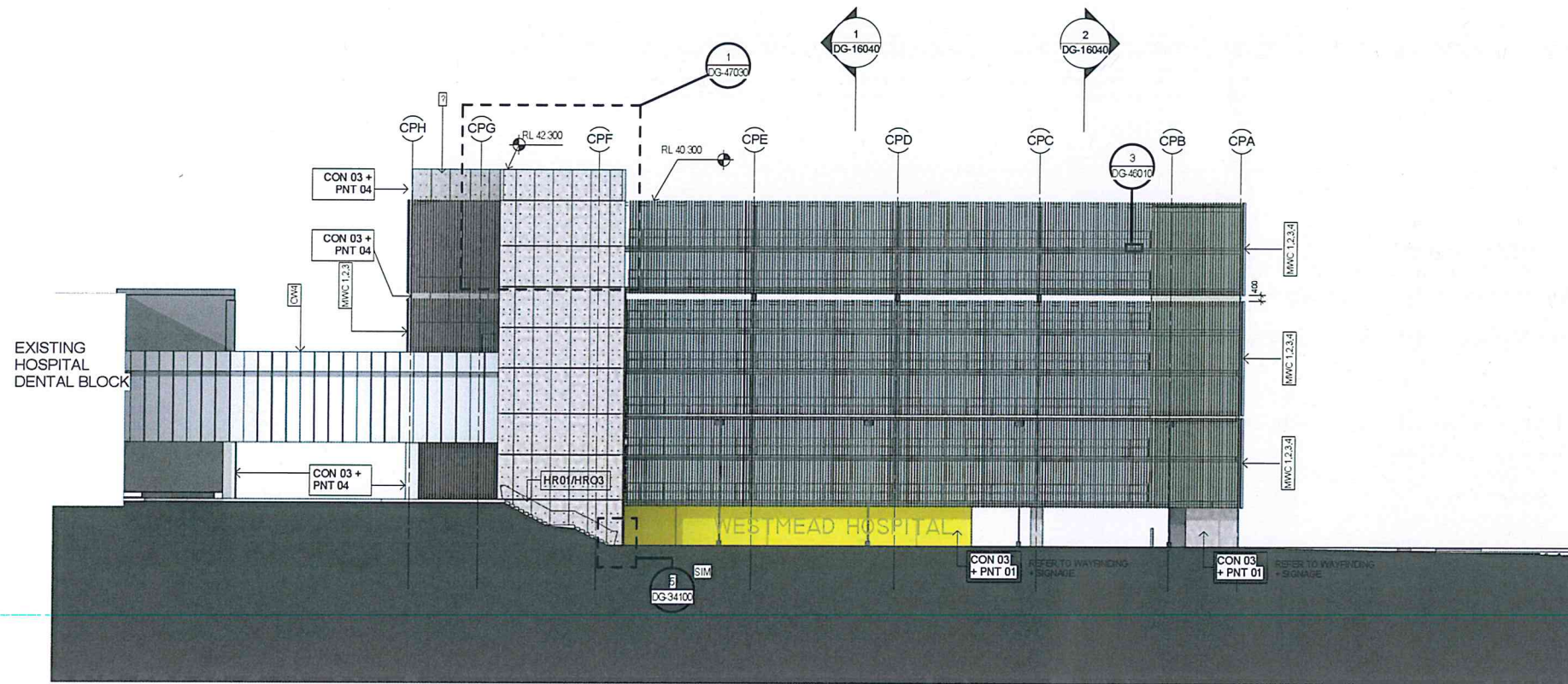
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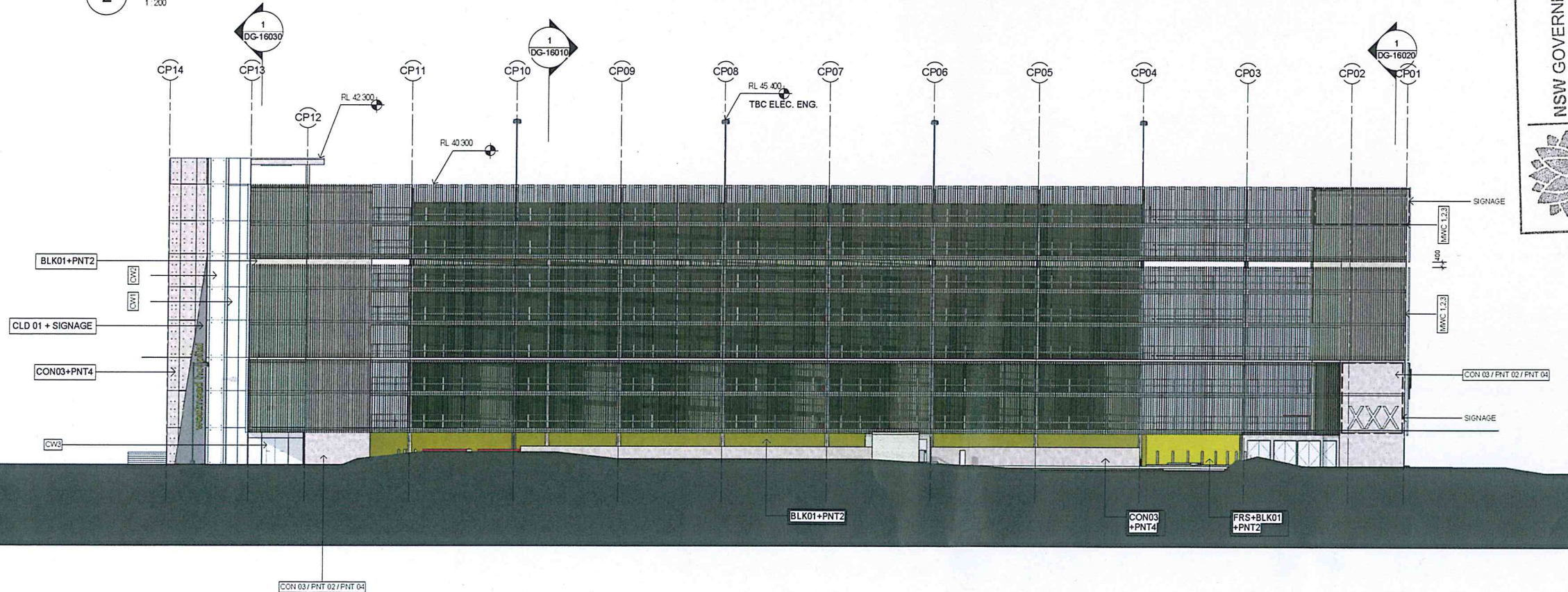
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PROJECT NUMBER: **232186**
DRAWING NUMBER: **MSC-HDR-AR-DG-121001**
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2 EAST
1:200



1 NORTH
1:200

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DRAWING TITLE
NORTH / EAST ELEVATIONS

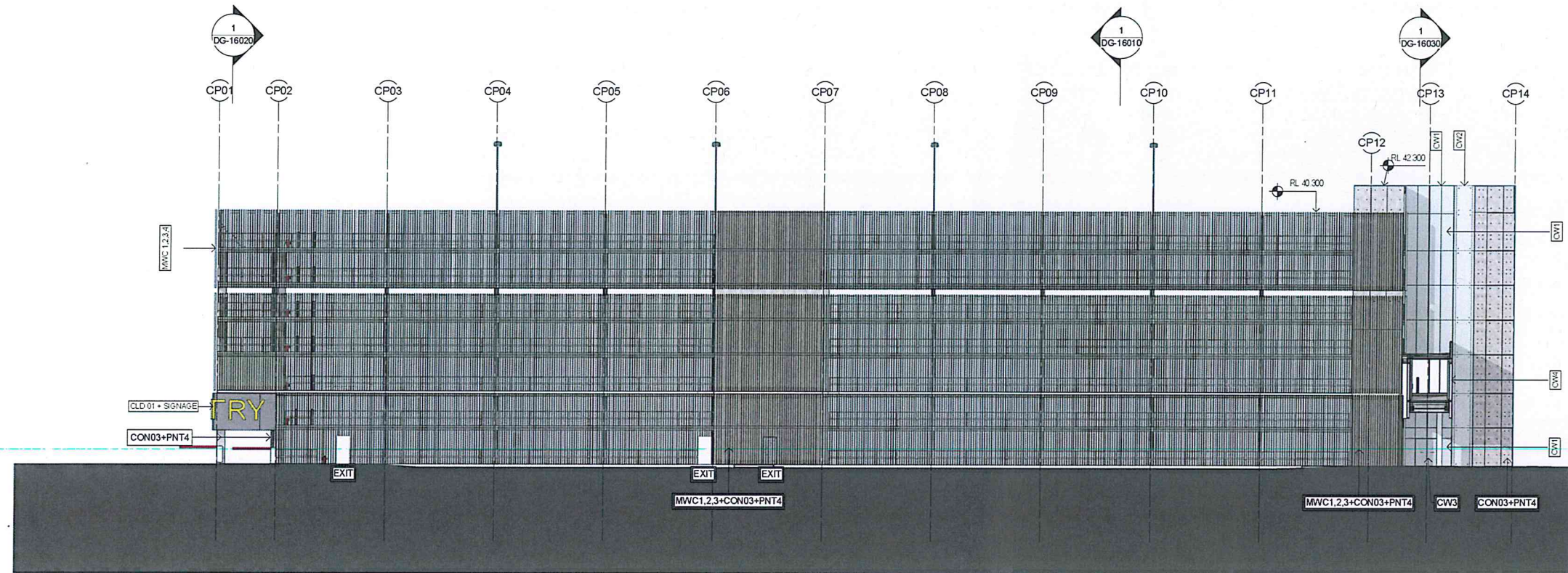
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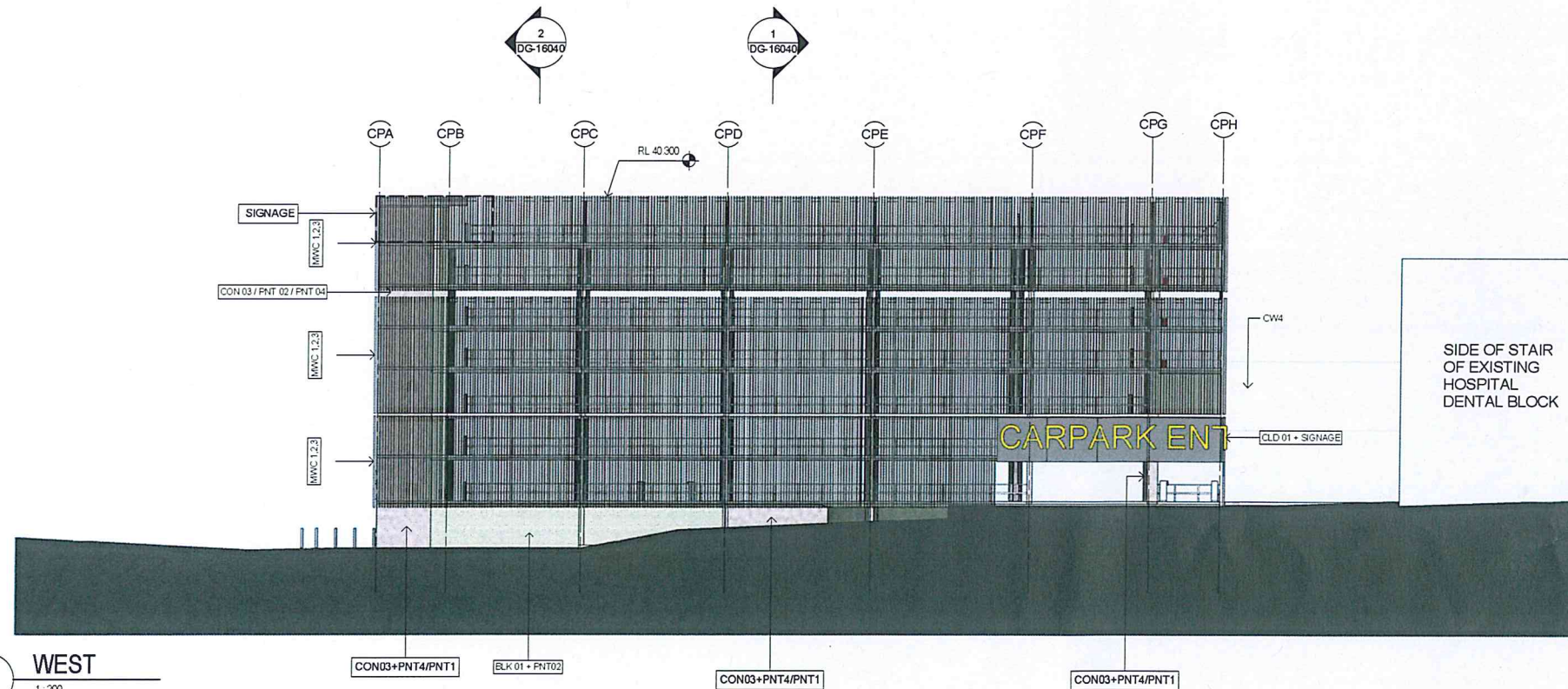
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DRAWING NUMBER
MSC-HDR-AR-DG-150101

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2 WEST
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DRAWING TITLE
SOUTH / WEST ELEVATIONS

SCALE
1:200

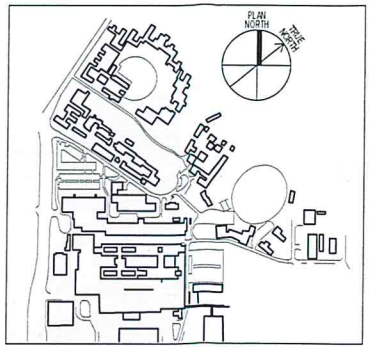
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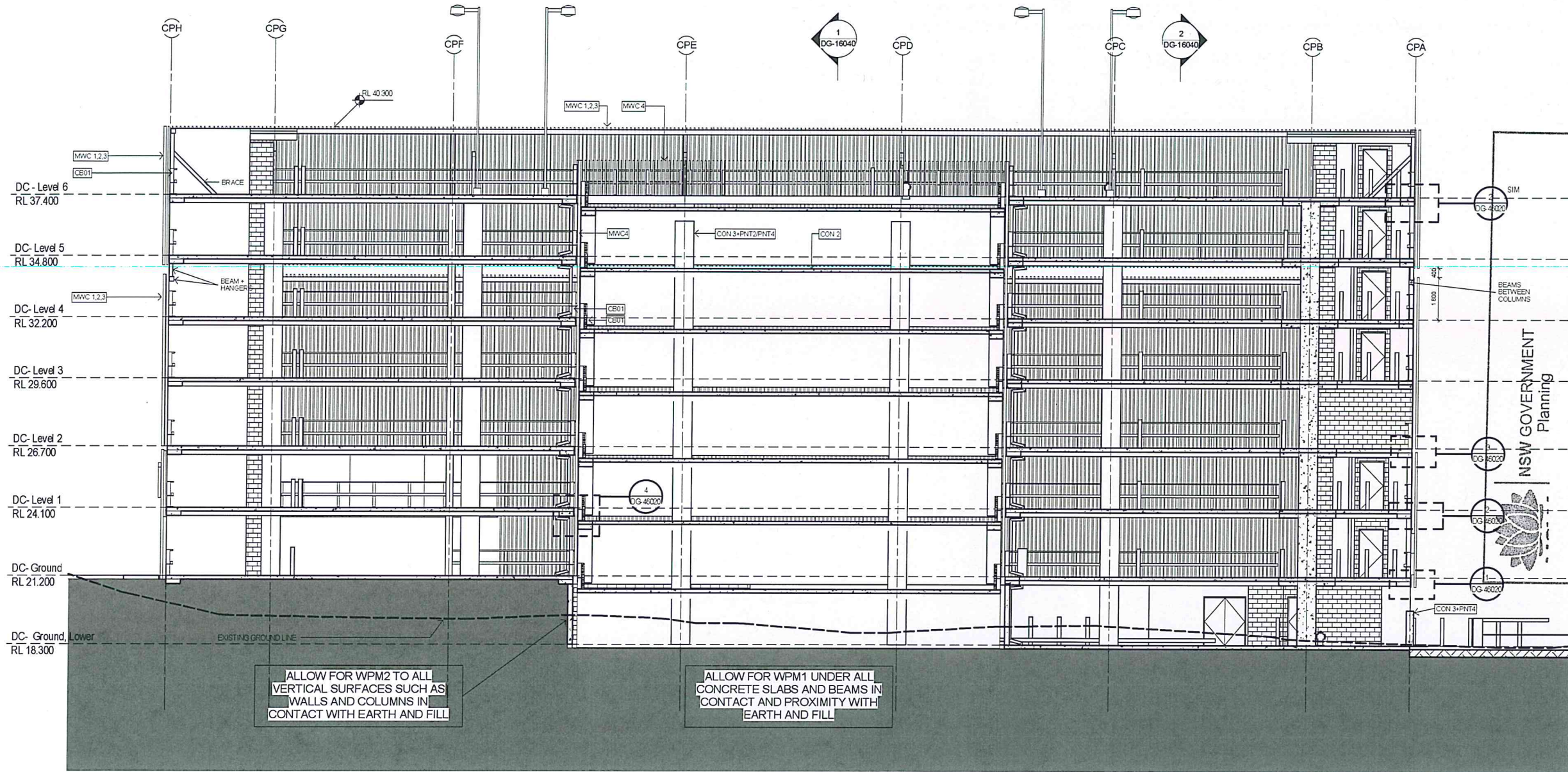
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1 SECTION A_TENDER
1 : 100

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SECTION A

SCALE
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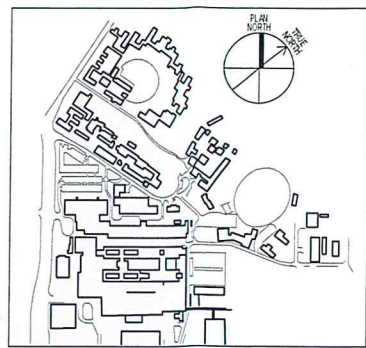
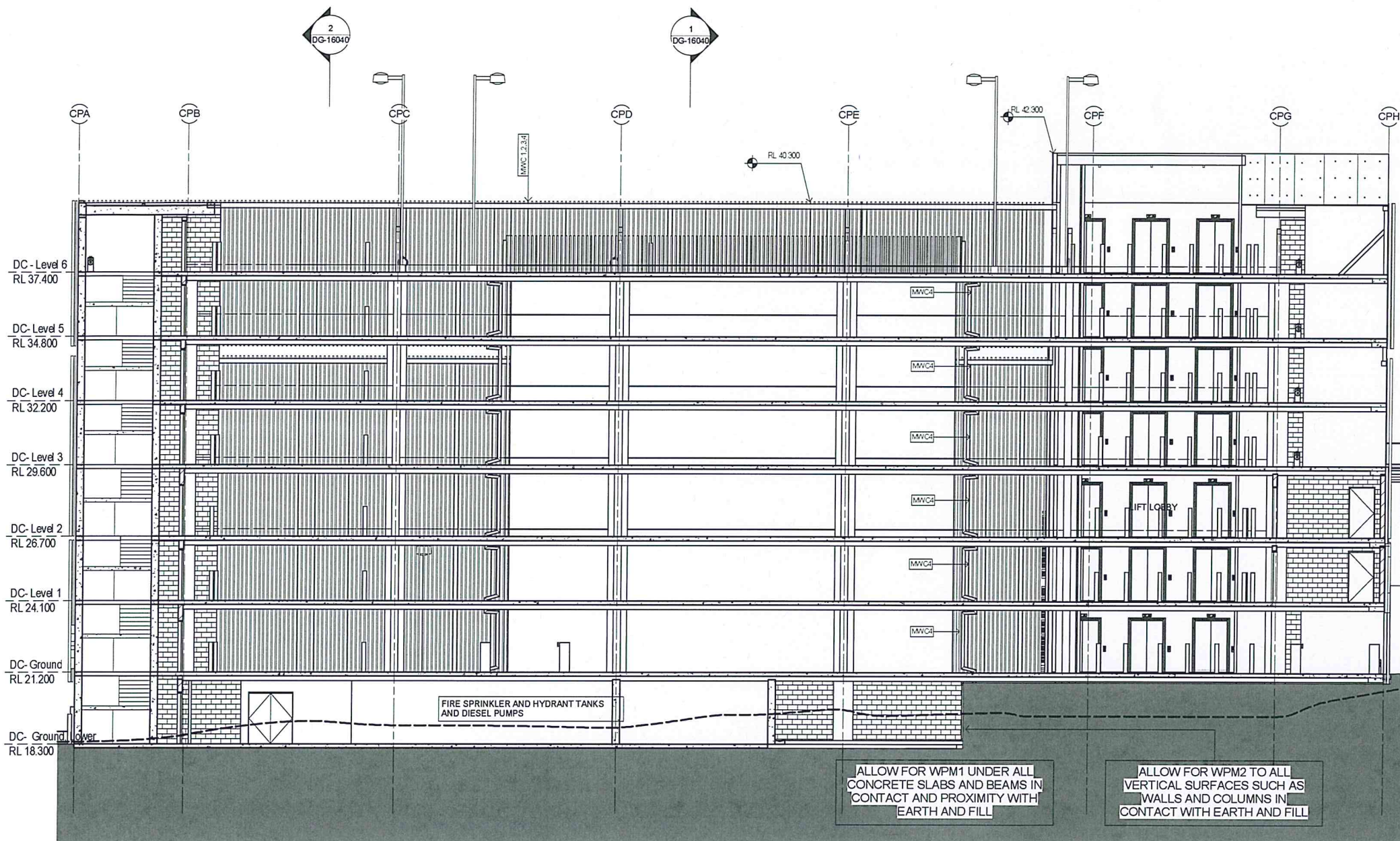
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ORAL HIGH BUILDING
FIRE STRIKE OUTLINE

BRIDGE LINK FROM CARPARK
LEVEL 2 TO EXISTING DENTAL
BUILDING LEVEL 2

EXISTING GROUND LINE

1 SECTION B_TENDER

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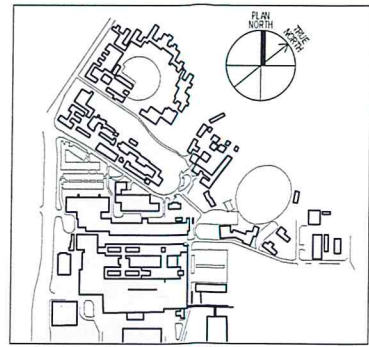
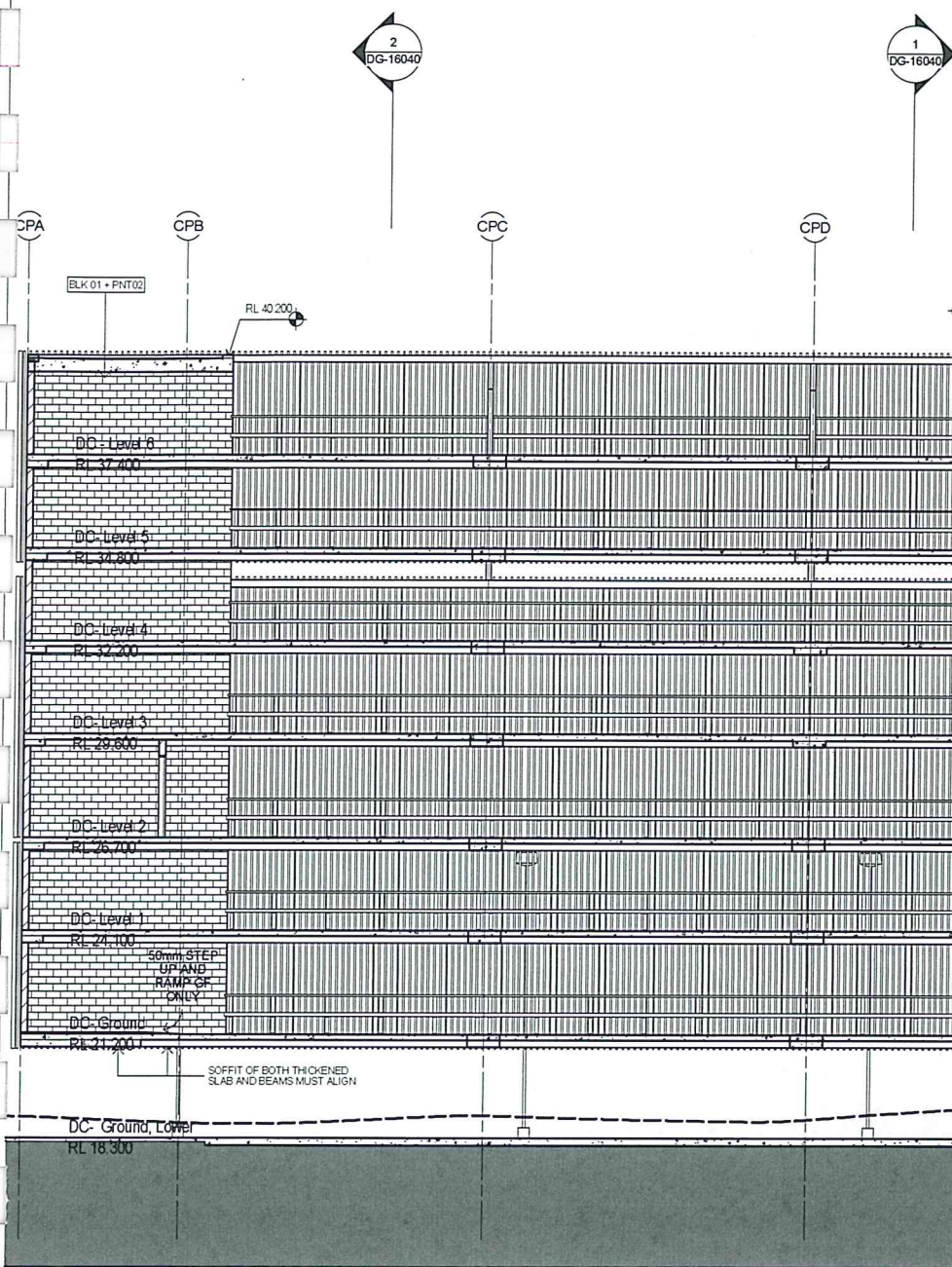
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SECTION B

SCALE: 1:100
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PROJECT NUMBER: **232186**
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 ash@hdr.com.au

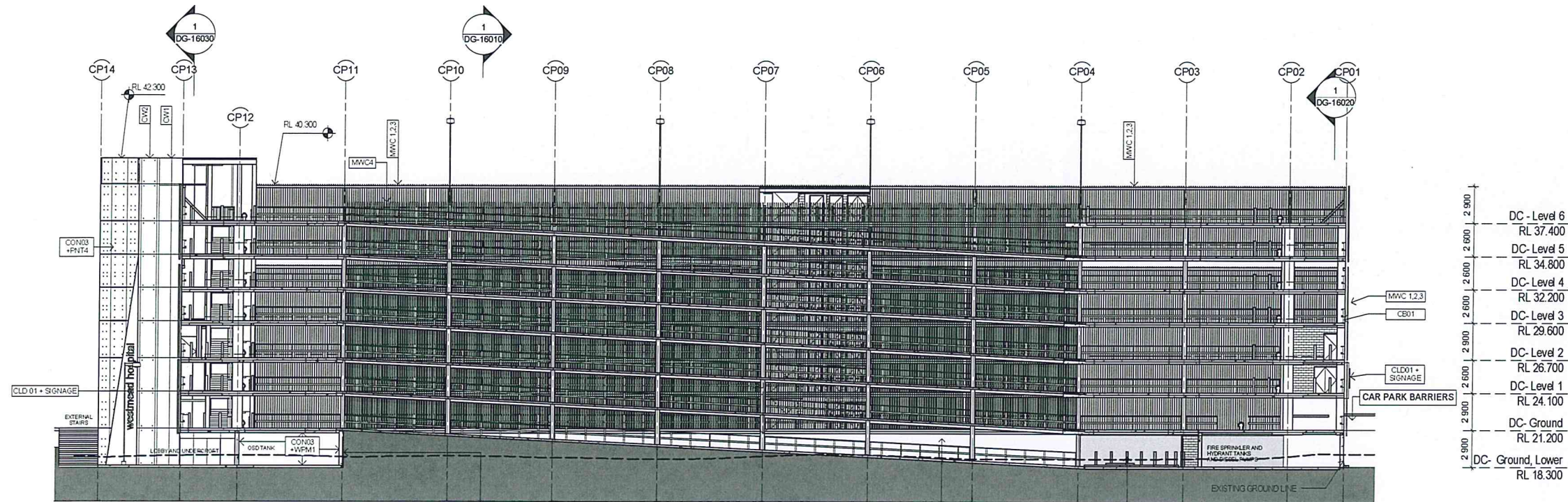
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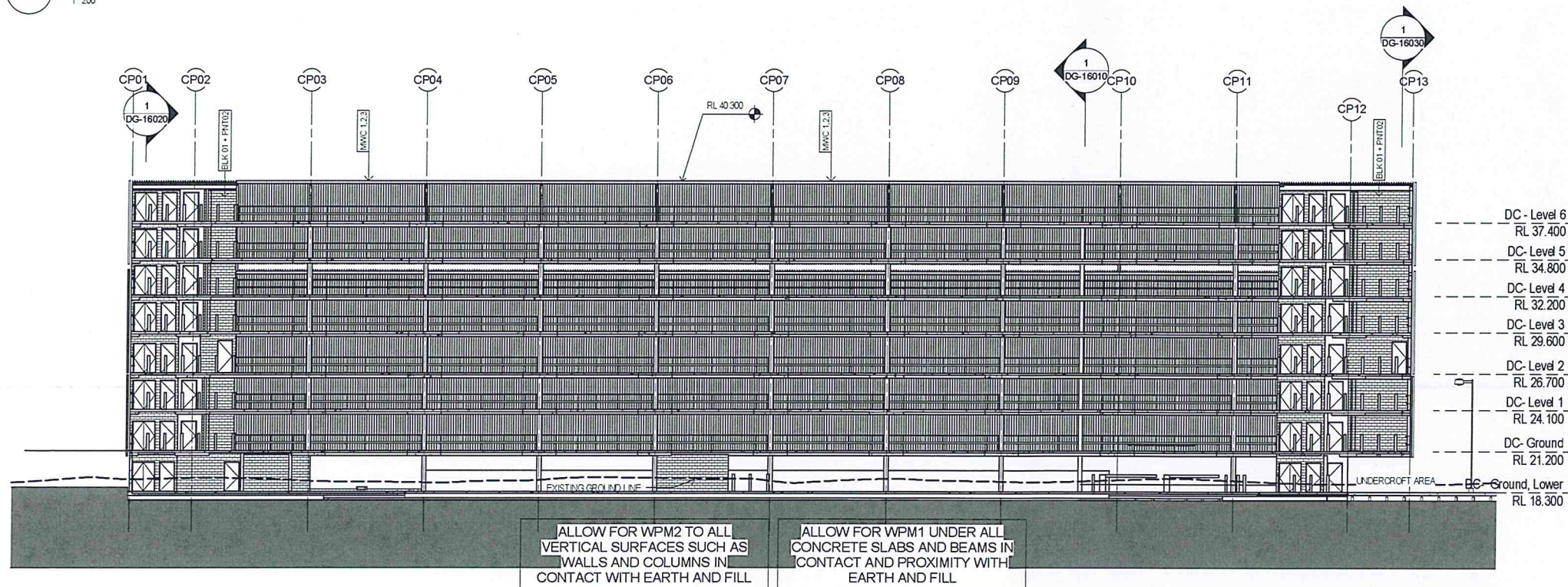
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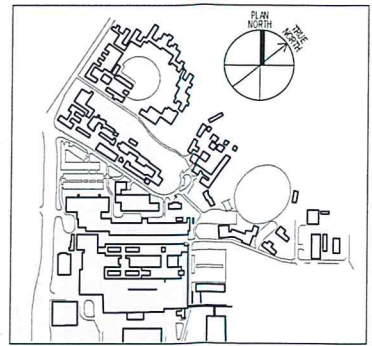
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SCALE
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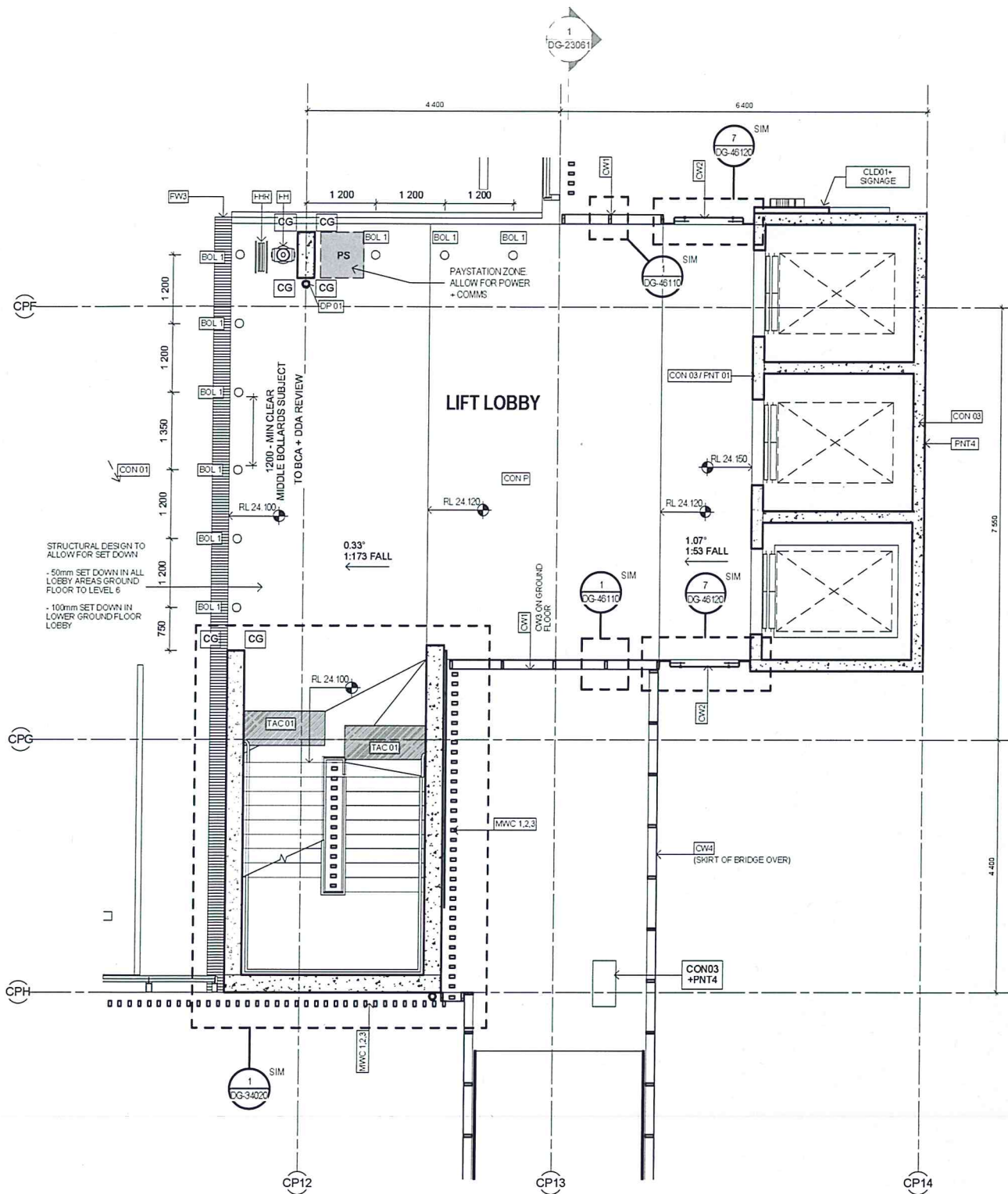
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PROJECT NUMBER
232186

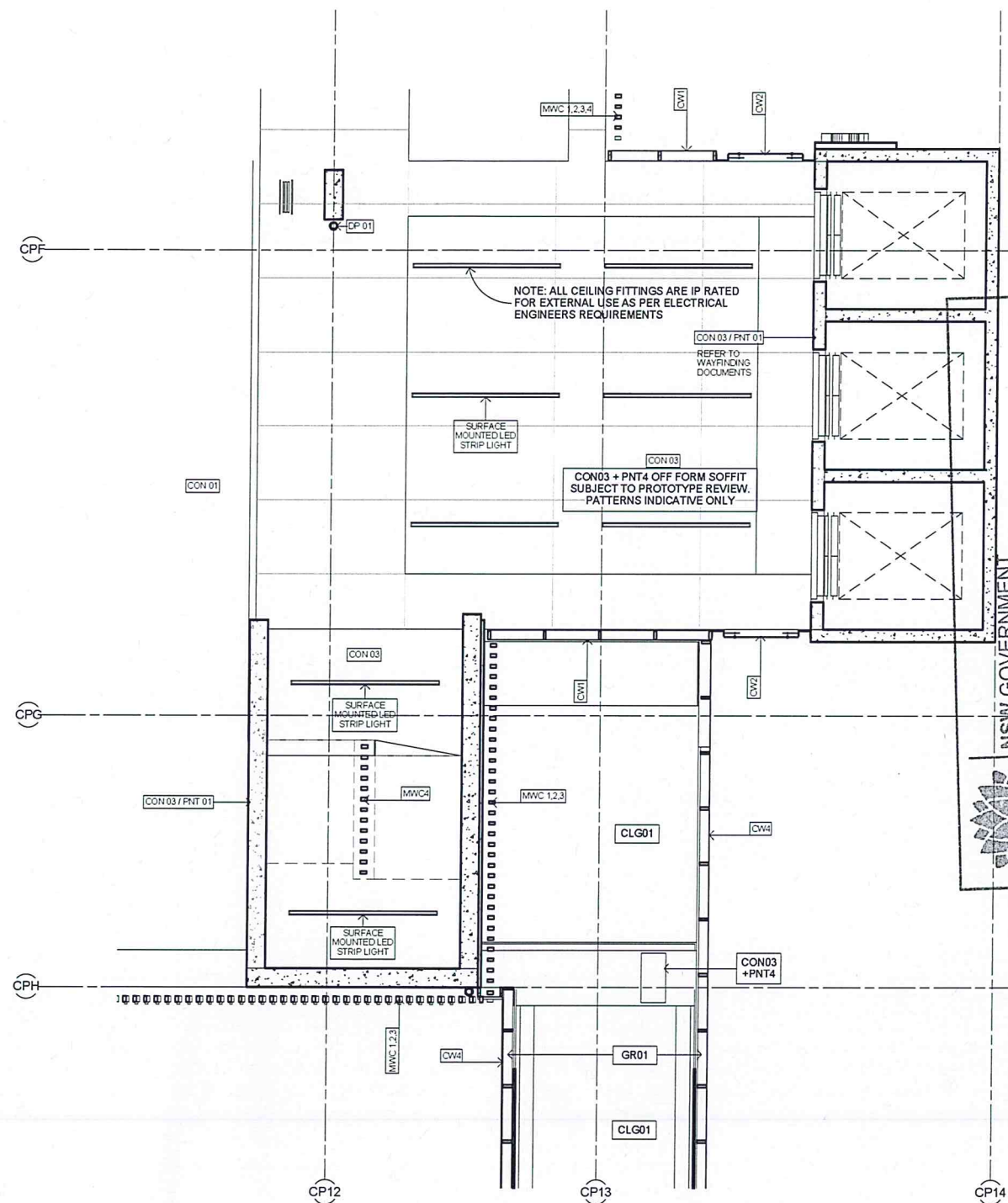
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14/12/15

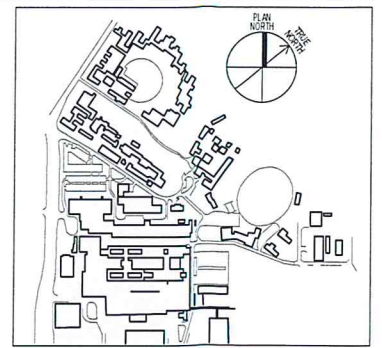
ISSUE
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1:50



2 Lift Lobby RCP - Level 1
1:50



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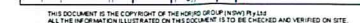
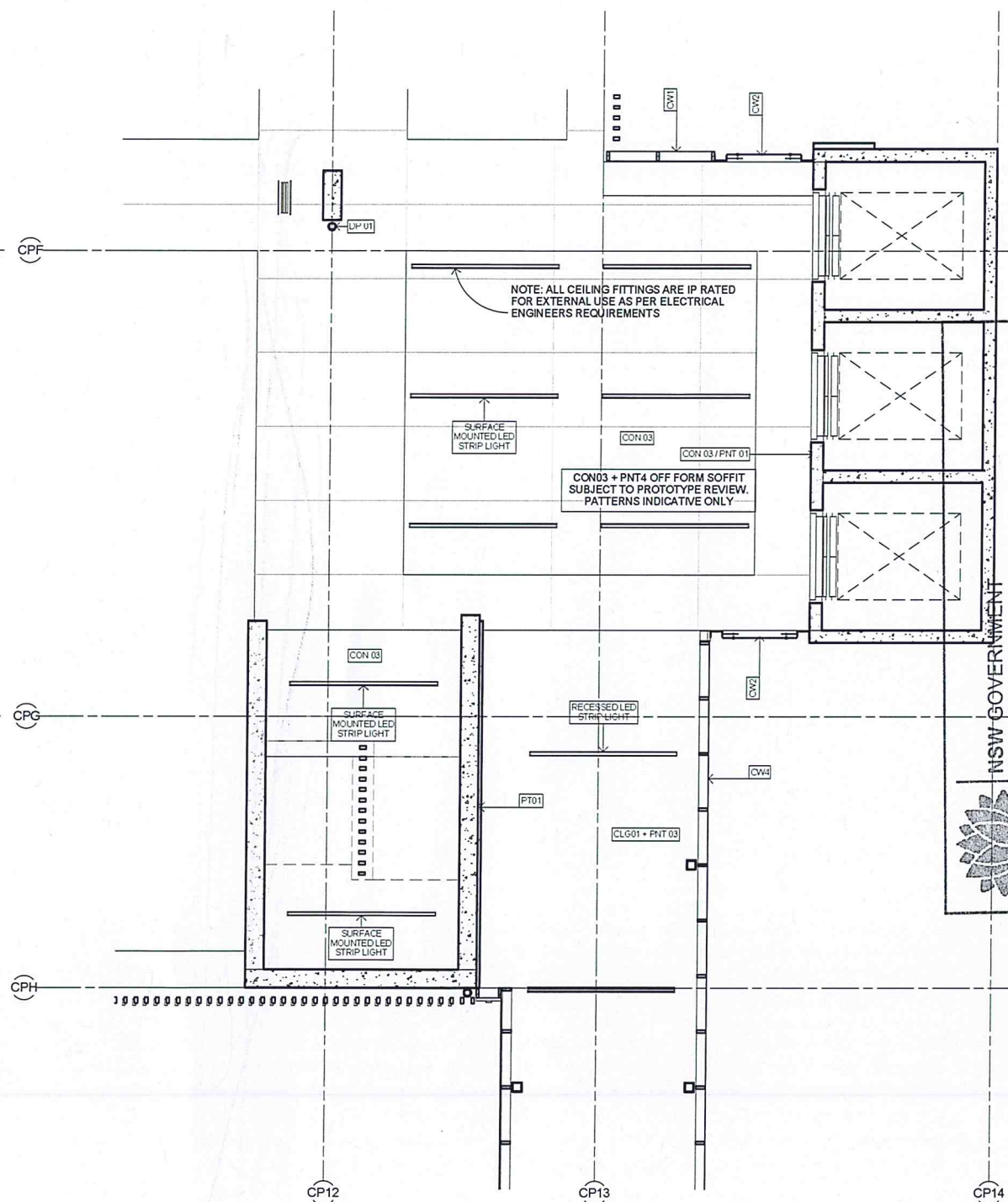
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LIFT LOBBY PLAN + RCP - TYPICAL

SCALE: 1:50
DRAWING NUMBER: 5335
PROJECT NUMBER: 232186
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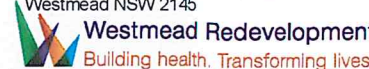
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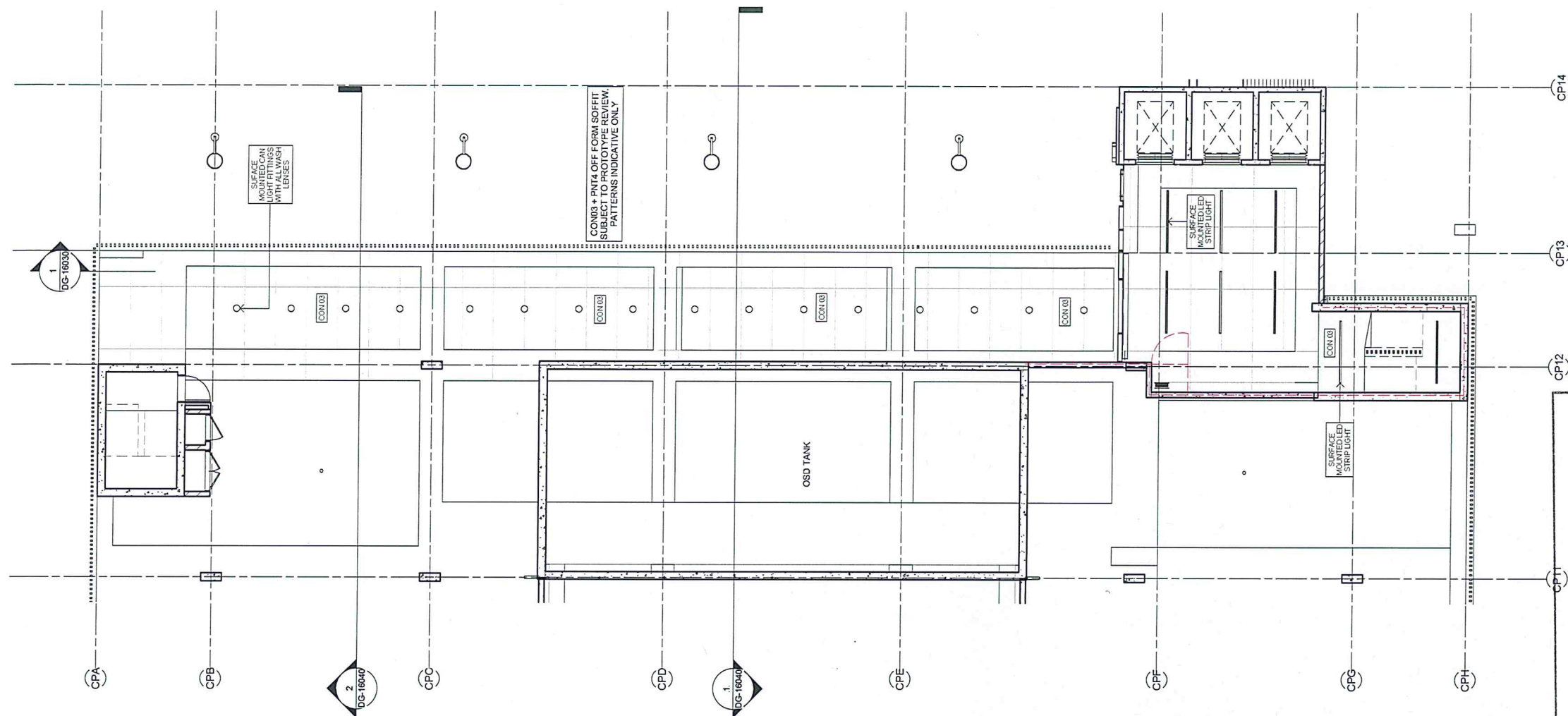
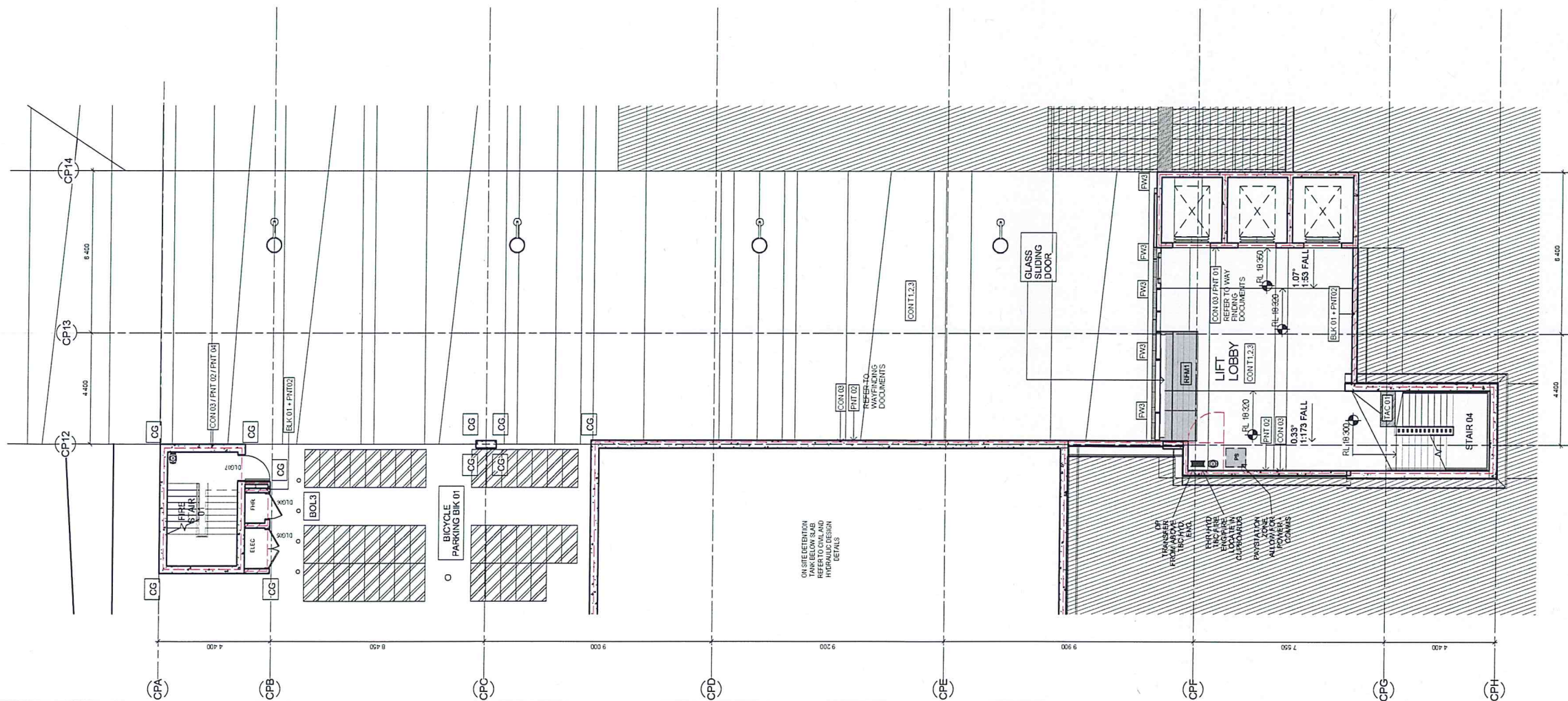
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DRAWING TITLE:
LIFT LOBBY PLAN + RCP - LEVEL 2

SCALE: 1 : 50	DOHS NUMBER: 5335	ORDER TR
PROJECT NUMBER: 232186	DRAWING NUMBER: MSC-HDR-AR-DG-230301	ISSUE



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RCP - Lower Ground - Walkway
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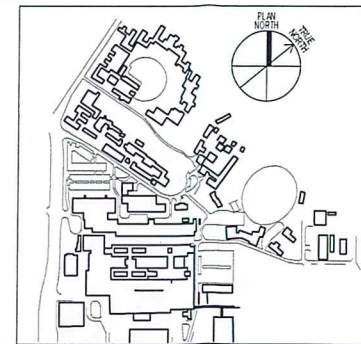
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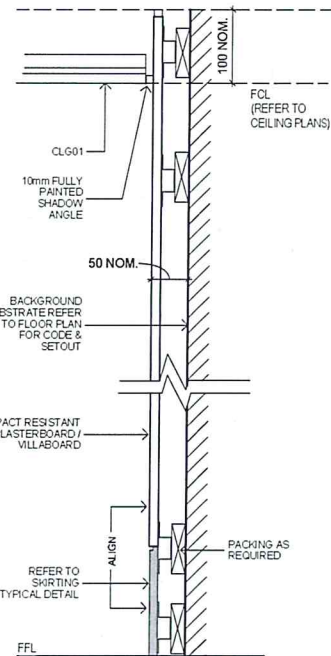
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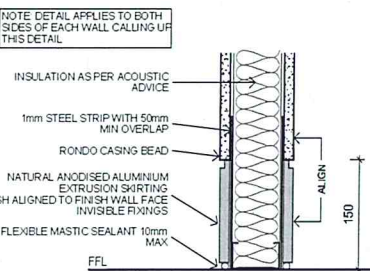


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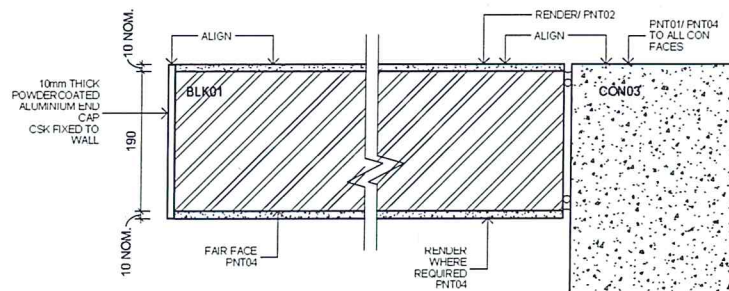
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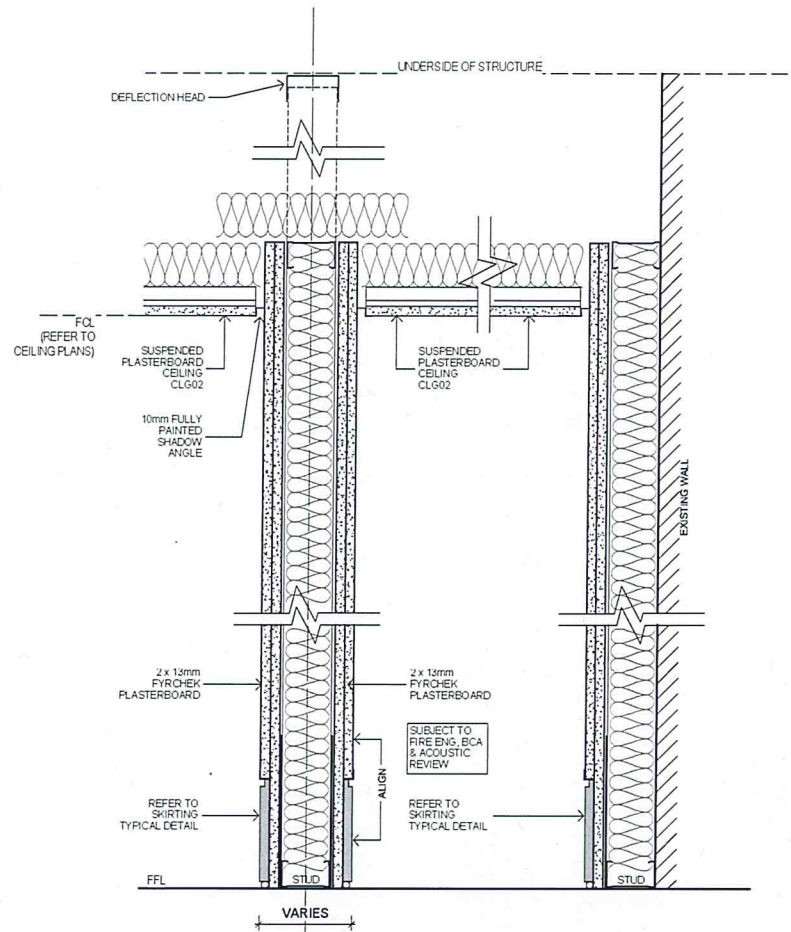
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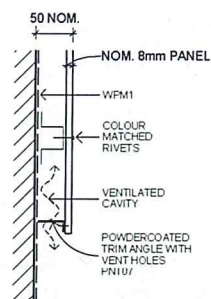
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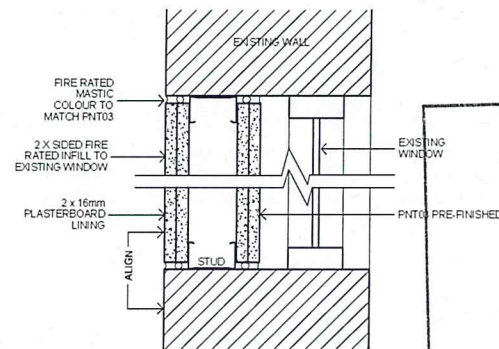
7 RENDERED BLK JUNCTION-PLAN DETAIL



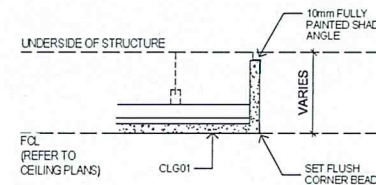
2 PT02-DETAIL SECTION



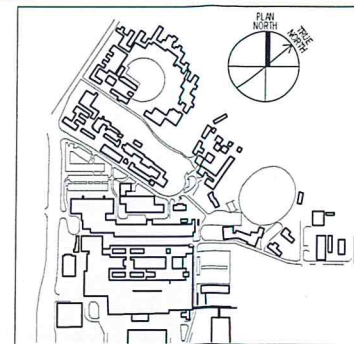
5 CLD01-SECTION DETAIL



3 PT03-DETAIL SECTION



6 CLG01,CLG02-BULKHEAD SECTION DETAIL



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REV	DESCRIPTION	DRAWN	CHECK	DATE
1	TENDER	RT	TR	14/12/15

NSW GOVERNMENT
Planning

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Approved Application No. **SSD 7262**

granted on the **25/05/16**

Signed **[Signature]**

Sheet No. **23** of **62**

ISSUE FOR TENDER
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CLIENT
NSW HEALTH
INFRASTRUCTURE

PROJECT MANAGER
PRICE WATERHOUSE
COOPERS

LEAD ARCHITECT
HDR | RD + MSJ

Westmead Multi Storey Carpark
Cnr Institute Road and Darcy Road
Westmead NSW 2145

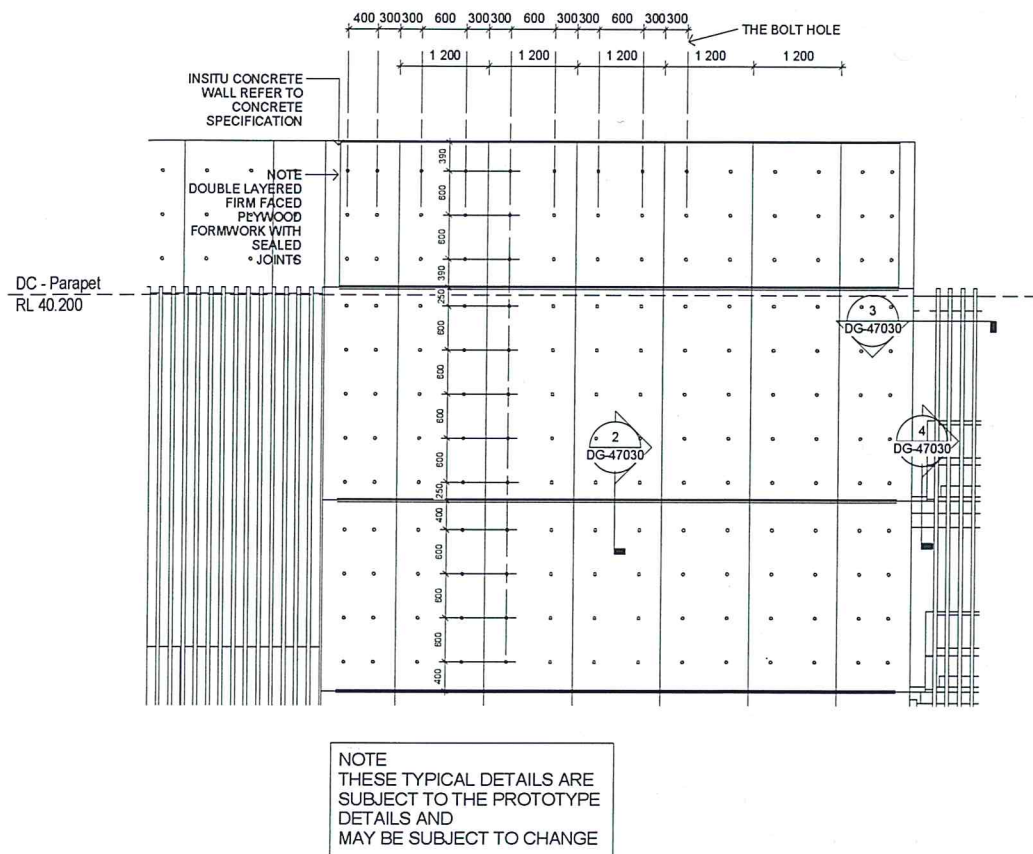
Westmead Redevelopment
Building health. Transforming lives.

SCALE: 1:5

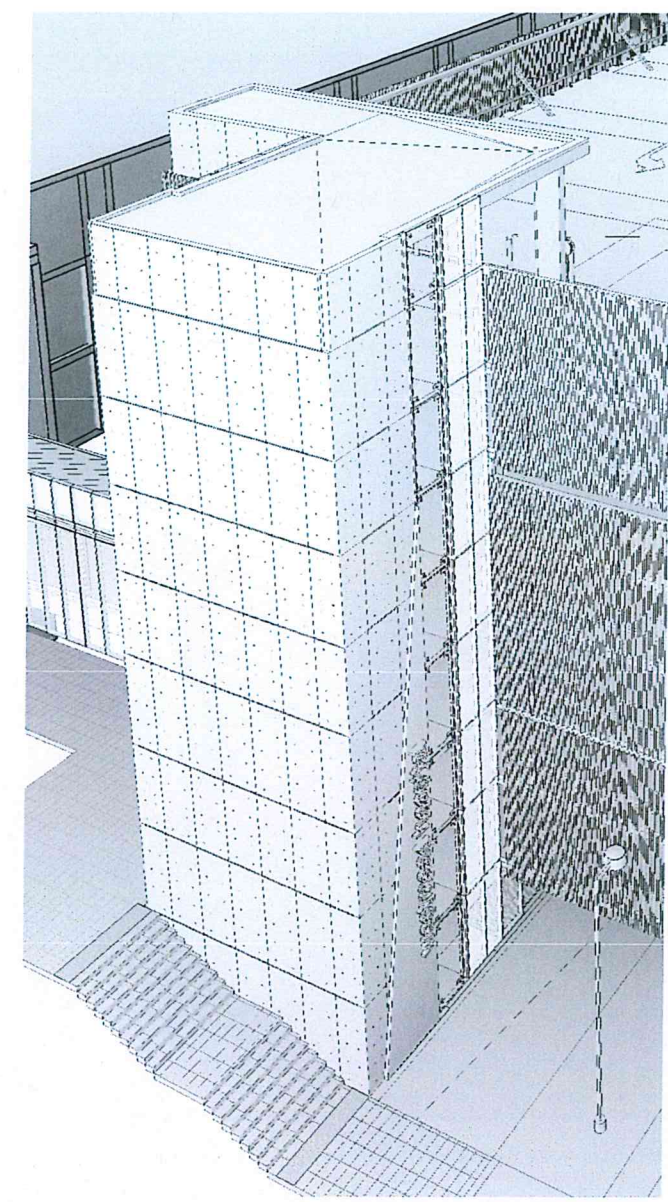
PROJECT NUMBER: 232186

DRAWING NUMBER: MSC-HDR-AR-DG-470101

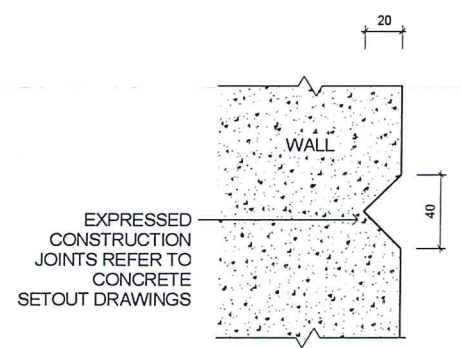
ISSUE: TR



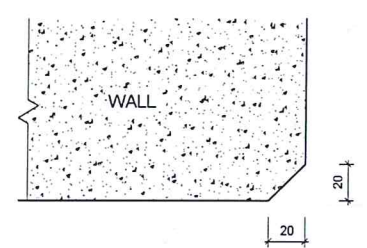
1 TYPICAL INSITU OFF-FORM CONCRETE LIFT LOBBY ELEVATION
1:50



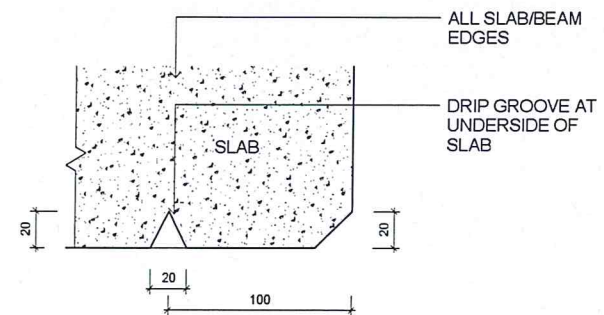
5 PERSPECTIVE - LIFT LOBBY



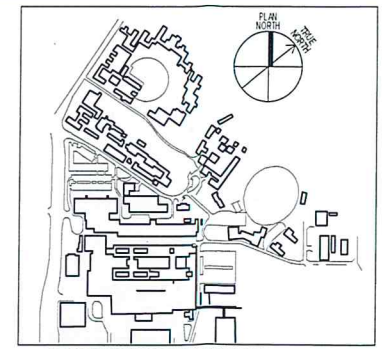
2 CJ AND DUMMY JOINT SECTION
1:2



3 DETAIL CHAMFER PLAN
1:2



4 DETAIL DRIP GROOVE SECTION
1:2



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NSW GOVERNMENT
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CLIENT
NSW HEALTH
INFRASTRUCTURE

NSW Health
Infrastructure

Level 6, 77 Pacific Highway
North Sydney NSW 2060

P: (02) 9078 5427
F: (02) 8968 1377
www.health.nsw.gov.au

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COOPERS

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Sydney NSW 2000

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F: (02) 8266 2750
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WESTMEAD MULTI STOREY CARPARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145

Westmead Redevelopment
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DRAWING TITLE
OFF FORM CONCRETE WALL DETAILS

SCALE
As indicated

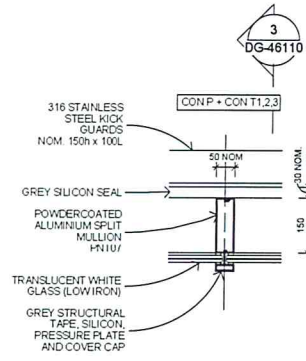
DOWNS NUMBER
5335

CHECKED
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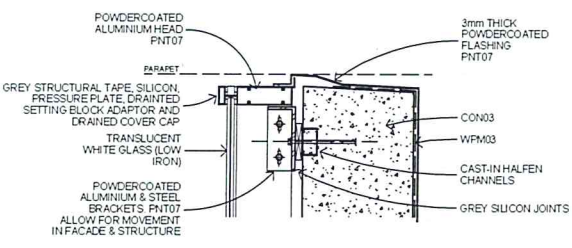
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MSC-HDR-AR-DG-470301

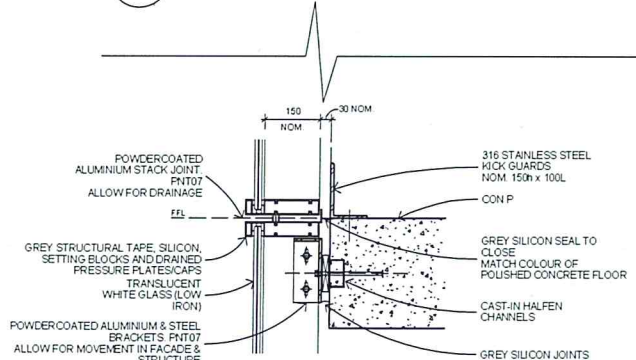
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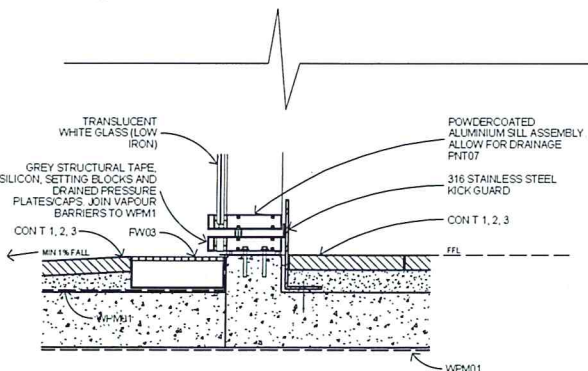
1 CW1 MULLION PLAN DETAIL
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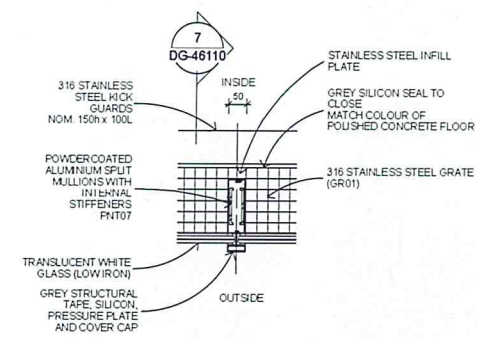
2 CW1 SECTION PARAPET
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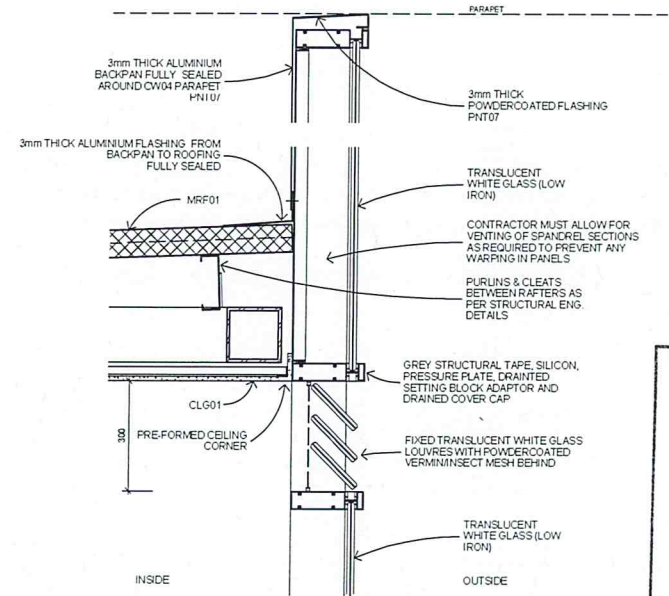
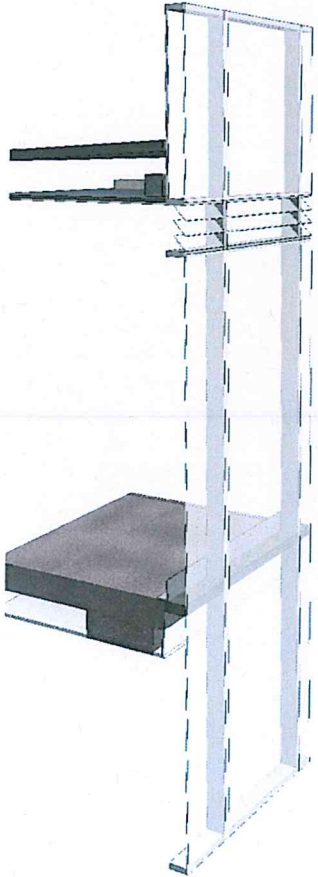
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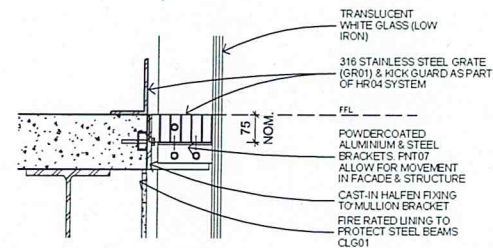
4 CW1 SECTION SILL
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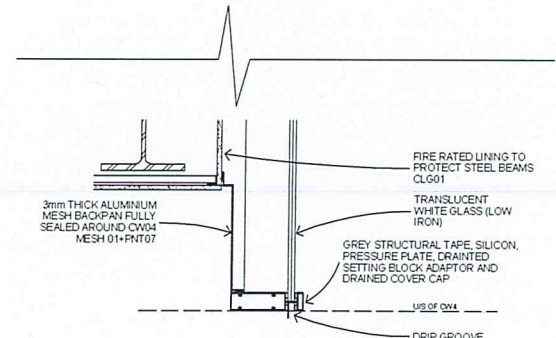
5 CW4 MULLION PLAN DETAIL - LOW LEVEL
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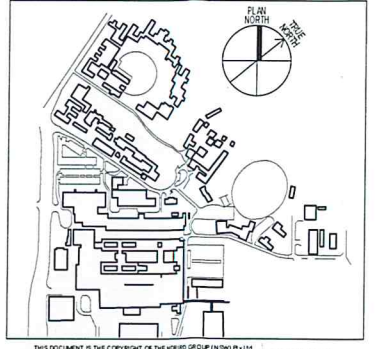
6 CW4 WINDOW HEAD & PARAPET DETAIL
1:10



7 CW4 SECTION DETAIL
1:10



8 CW4 SECTION DETAIL - SKIRT
1:10



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NSW GOVERNMENT
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NSW HEALTH INFRASTRUCTURE

NSW Health Infrastructure

Level 6, 77 Pacific Highway
North Sydney NSW 2060

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F: (02) 8904 1377
www.health.nsw.gov.au

PRICE WATERHOUSE COOPERS

pwc

Darling Park
201 Sussex Street
Sydney NSW 2000

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F: (02) 8266 2750
www.pwc.com.au

HDR | RD + MSJ

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North Sydney NSW 2060

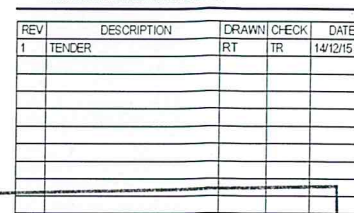
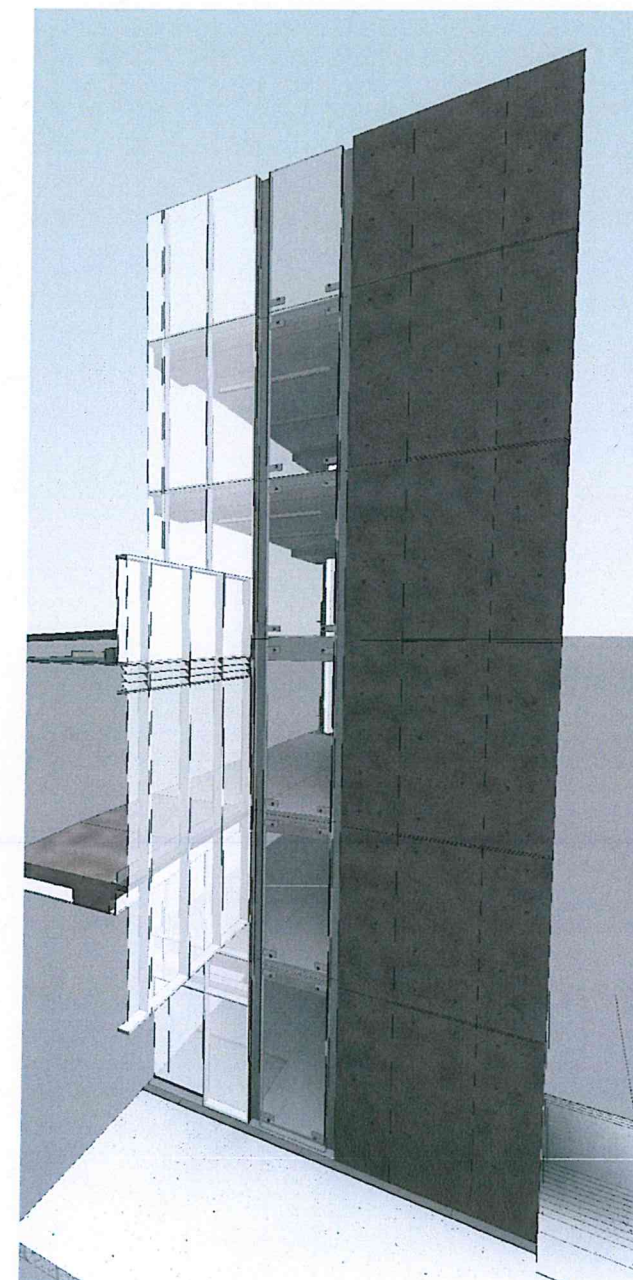
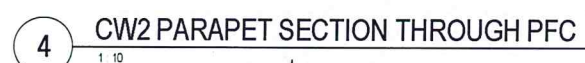
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F: (02) 9556 3015
askhndr@hndr.com.au

WESTMEAD MULTI STOREY CARPARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145

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DRAWING TITLE
FACADE GLAZING DETAILS

SCALE 1:10	DWG# NUMBER 5335	CHECKED TR
PROJECT NUMBER 232186	DRAWING NUMBER MSC-HDR-AR-DG-461101	DATE



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Approved Application No. SSD 7262

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NSW HEALTH
INFRASTRUCTURE



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North Sydney NSW 2060

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hinfra.health.nsw.gov.au

PROJECT MANAGER:
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COOPERS



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askh@drd@drdri.cd.aubney.com

WESTMEAD MULTI STOREY CARPARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145

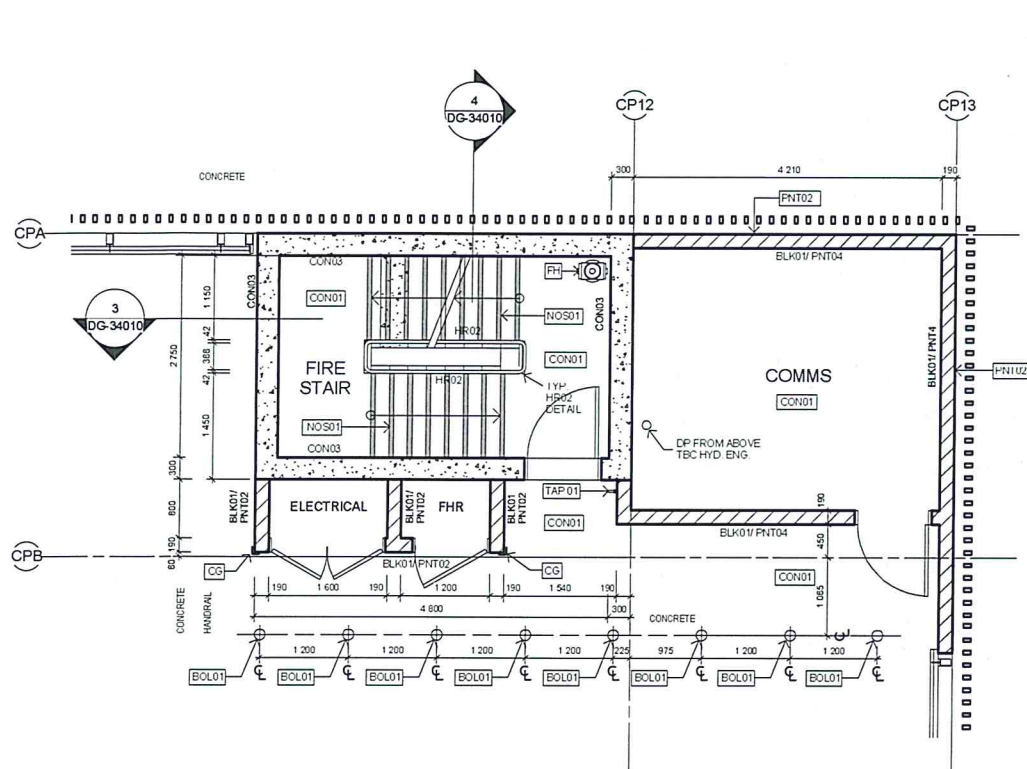


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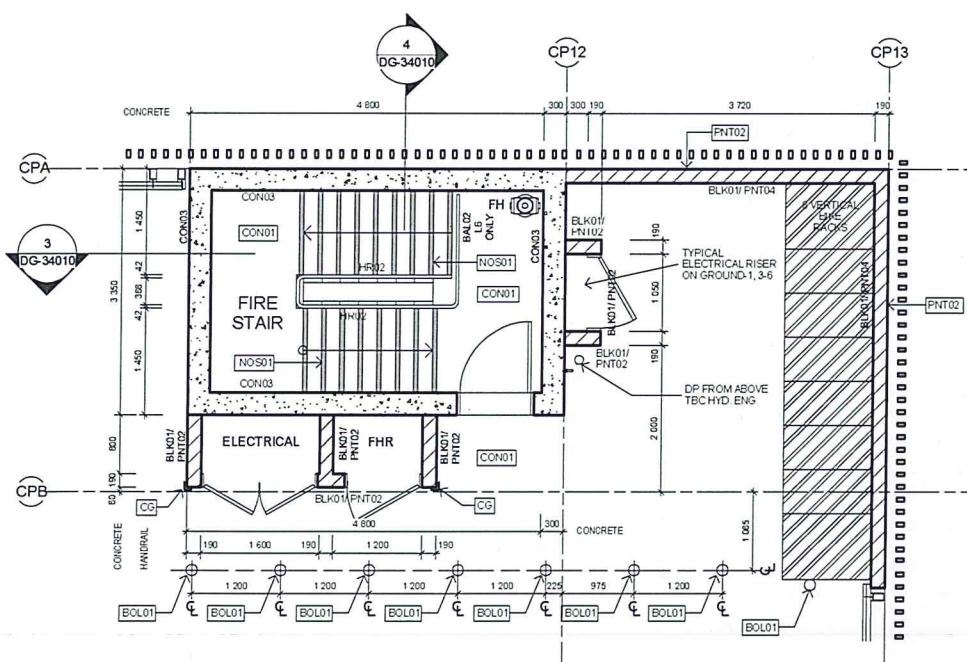
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FACADE GLAZING DETAILS

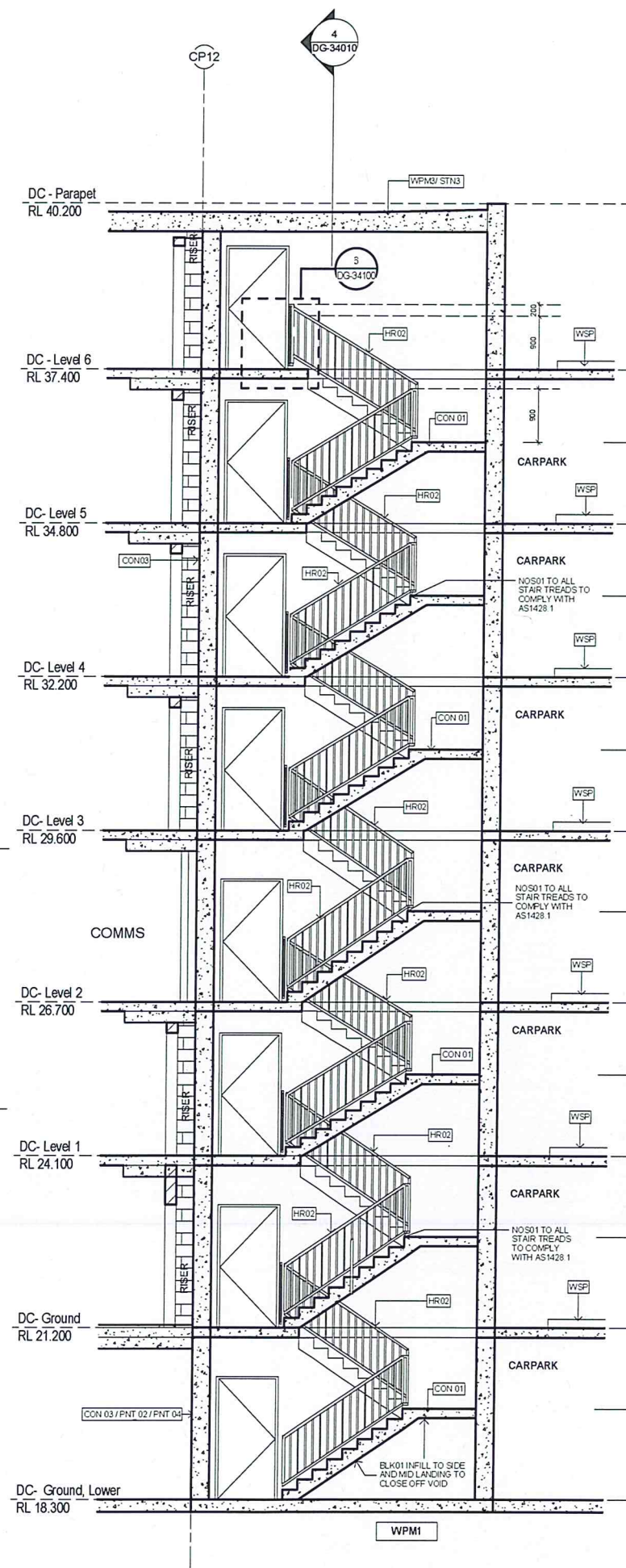
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PROJECT NUMBER 232186	DRAWING NUMBER MSC-HDR-AR-DG-461201	ISSUE



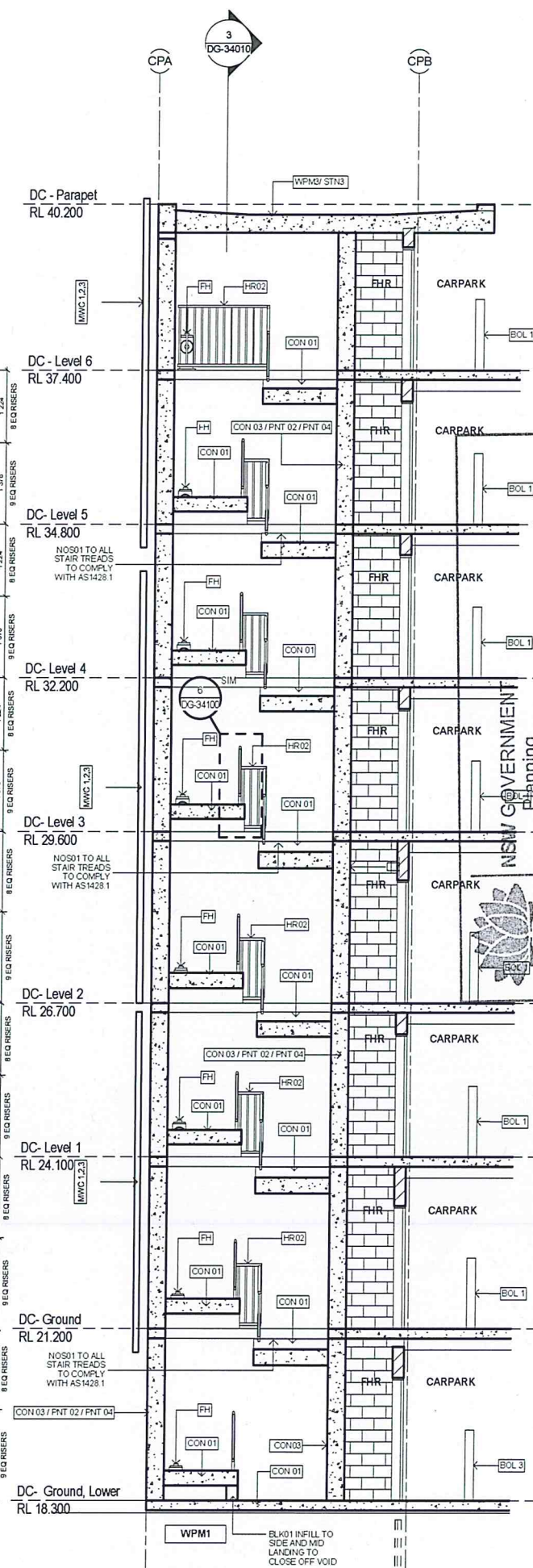
1 STAIR 01 PLAN - LEVEL 02
1:50



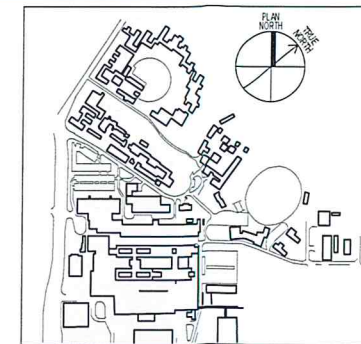
2 STAIRS 01, 02, 03 PLAN - LEVEL 06
1:50



3 STAIRS 01, 02, 03 SECTION 01
1:50



4 STAIR 01, 02, 03 SECTION 02
1:50



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Level 6, 77 Pacific Highway
North Sydney NSW 2060
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F: (02) 9594 1377
www.health.nsw.gov.au

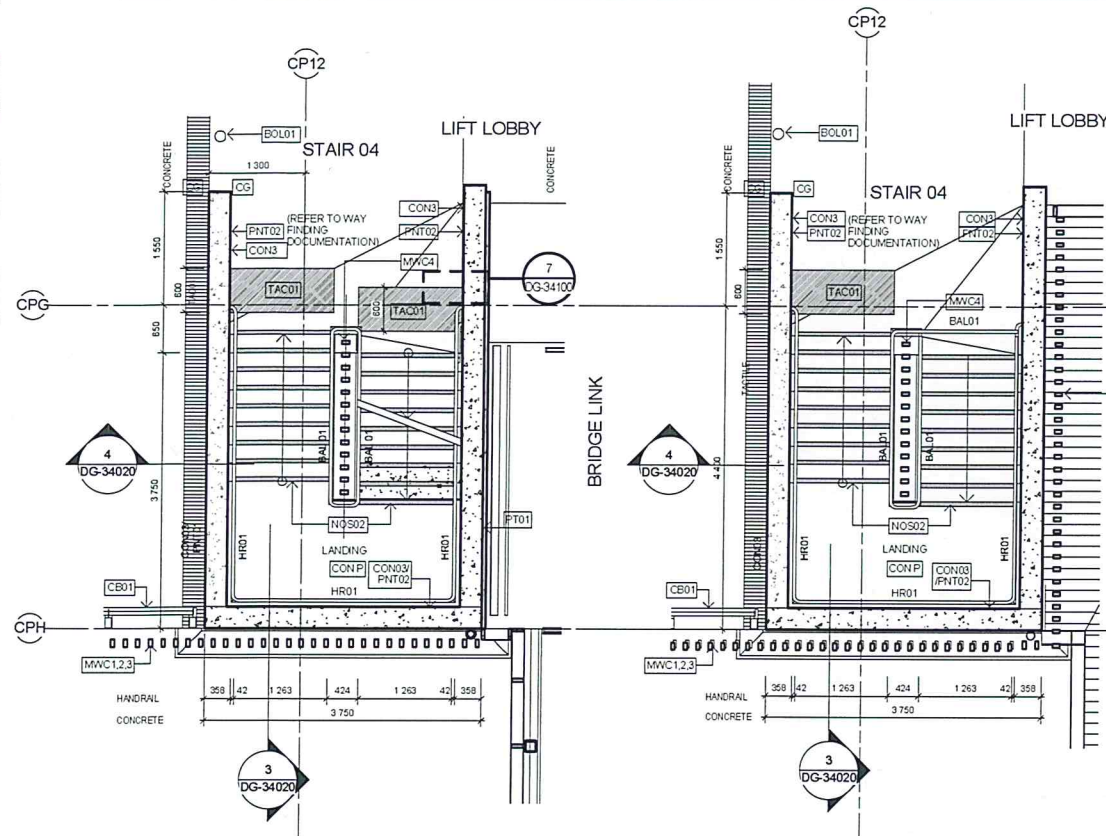
PROJECT MANAGER
PRICE WATERHOUSE COOPERS
PwC
201 Sussex Street
Sydney NSW 2000
P: (02) 8266 2750
F: (02) 8266 2750
www.pwc.com.au

LEAD ARCHITECT
HDR | RD + MSJ
Lvl 1, 110 Walker Street
North Sydney NSW 2060
P: (02) 9554 2666
F: (02) 9554 3015
ahdr@hdr.com.au

WESTMEAD MULTI STOREY CARPARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145
Westmead Redevelopment
Building health. Transforming lives.

STAIRS 01, 02, 03 PLAN, SECTION

SCALE: 1:50
DRAWING NUMBER: **5335**
PROJECT NUMBER: **232186**
DRAWING NAME: **MSC-HDR-AR-DG-340101**



DC- Parapet (Lobby)
RL 42.300

DC- Level 6
RL 37.400

DC- Level 5
RL 34.800

DC- Level 4
RL 32.200

DC- Level 3
RL 29.600

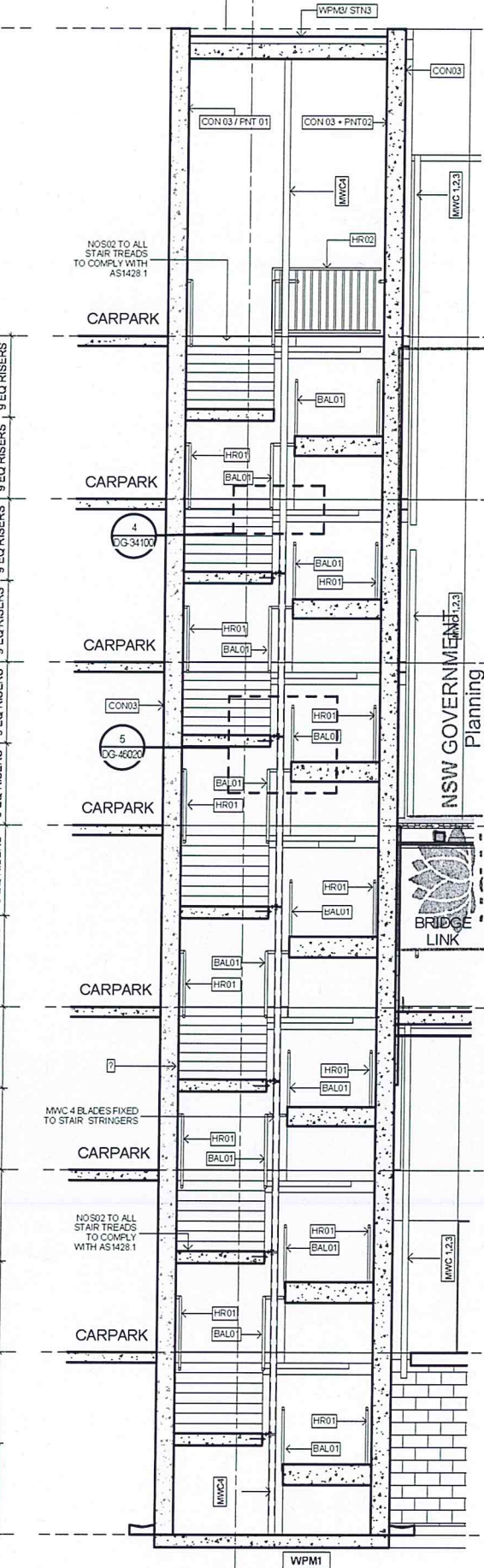
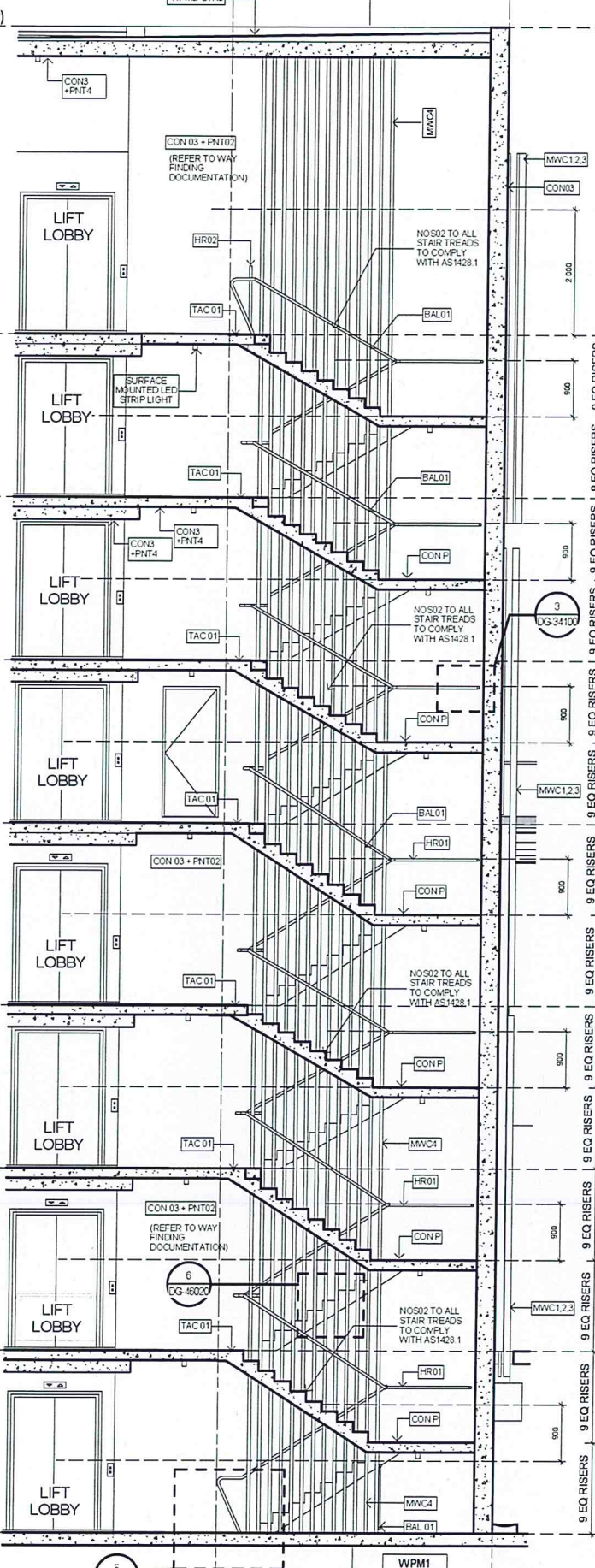
DC- Level 2
RL 26.700

DC- Level 1
RL 24.100

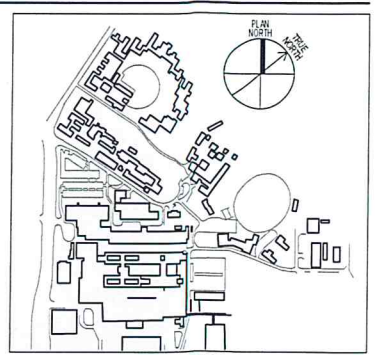
DC- Ground
RL 21.200

DC- Ground, Lower
RL 18.300

3 STAIR 04 - SECTION 01
1:50



4 STAIR 04 - SECTION 02
1:50



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CLIENT
NSW HEALTH
INFRASTRUCTURE

NSW GOVERNMENT Health Infrastructure

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F: (02) 9954 1377
www.health.nsw.gov.au

PROJECT MANAGER
PRICE WATERHOUSE
COOPERS

Price Waterhouse Coopers

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P: (02) 8264 2750
F: (02) 8264 2750
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askhadr@hondacombi.com.au

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Westmead NSW 2145

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STAIR 04 PLAN, SECTION

SCALE
1:50

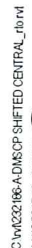
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5335

PROJECT NUMBER
232186

DRAWING NUMBER
MSC-HDR-AR-DG-340201

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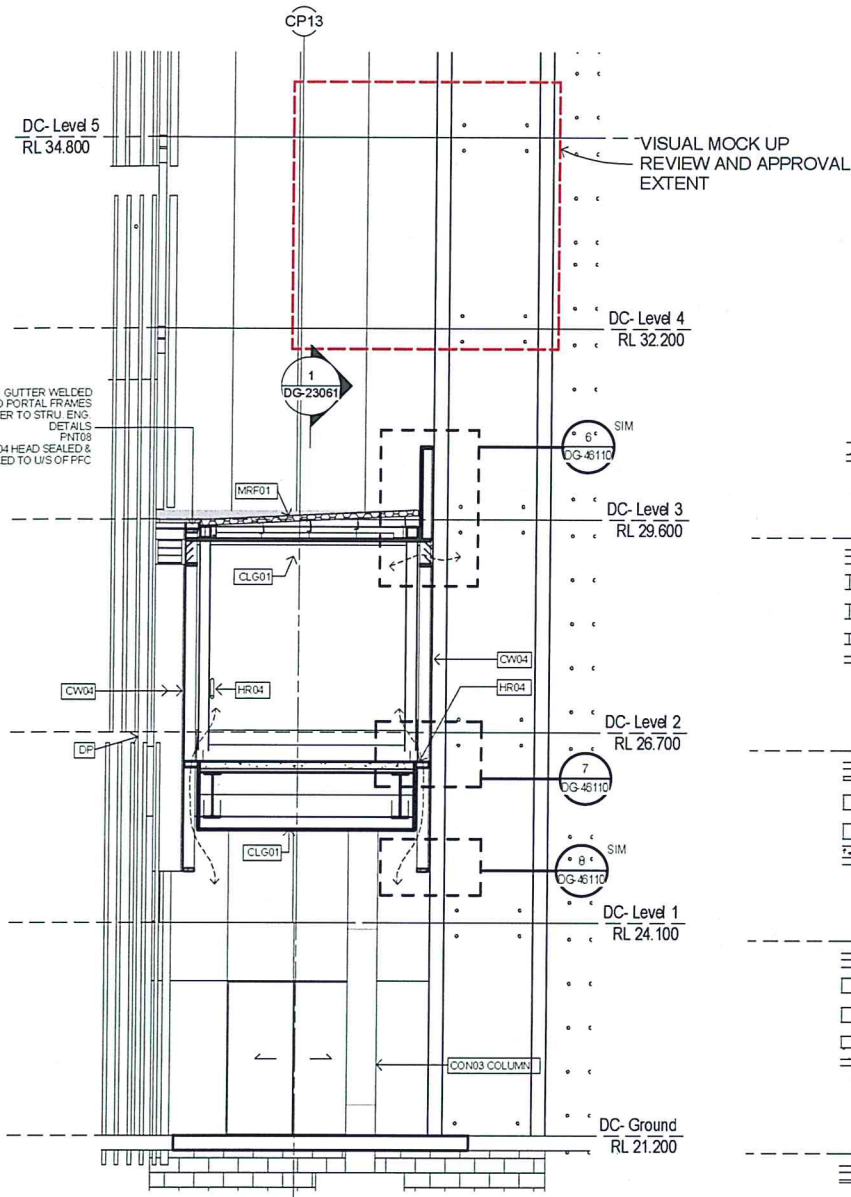
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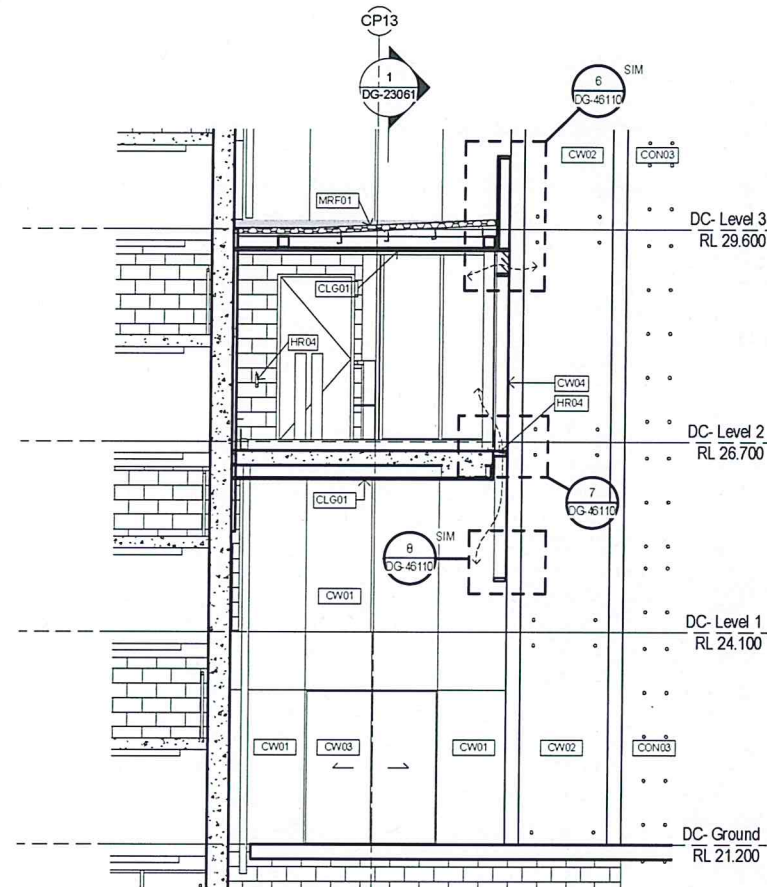
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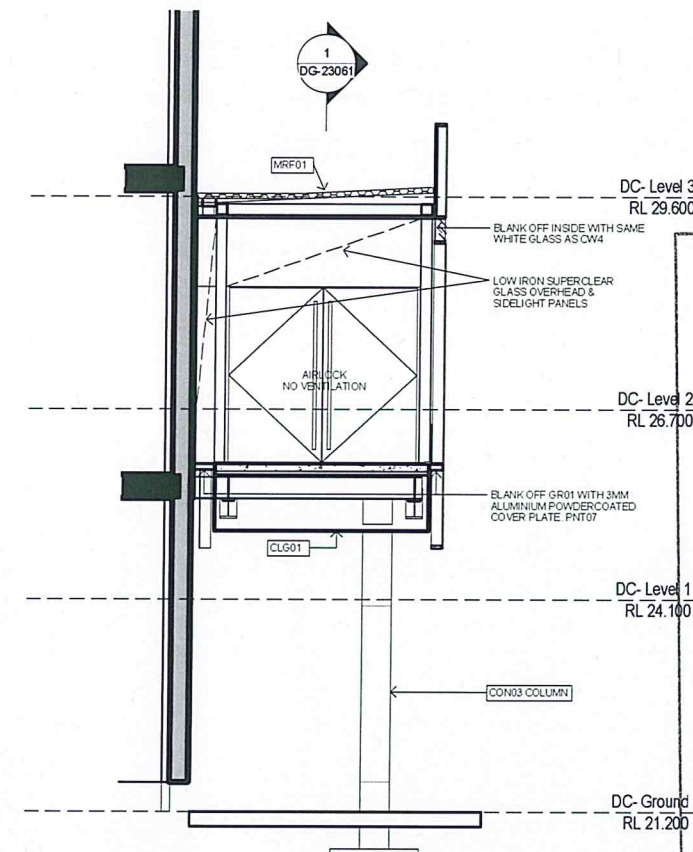
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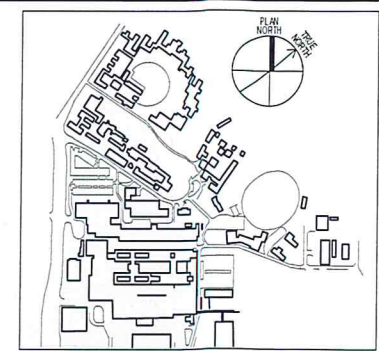
1 Bridge - Short Section 1
1:50



2 Bridge - Short Section 2
1:50



3 Bridge - Short Section 3
1:50



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1	TENDER	RT	TR	14/12/15

NSW GOVERNMENT
Planning

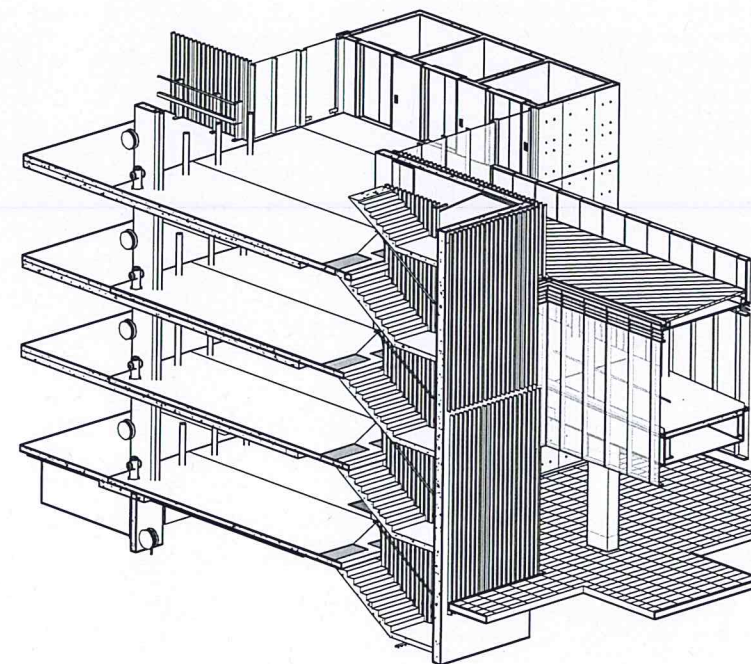
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Sydney NSW 2000

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www.pwc.com.au

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F: (02) 9556 2615
askhadr@hdr.com.au

WESTMEAD MULTI STOREY CARPARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145

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DRAWING TITLE
LINK BRIDGE SECTIONS

SCALE
1:50

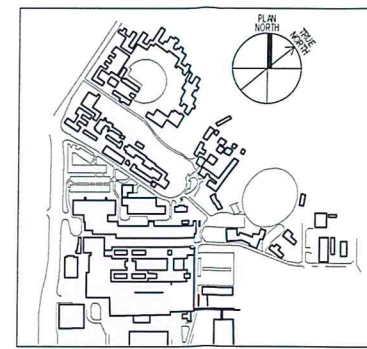
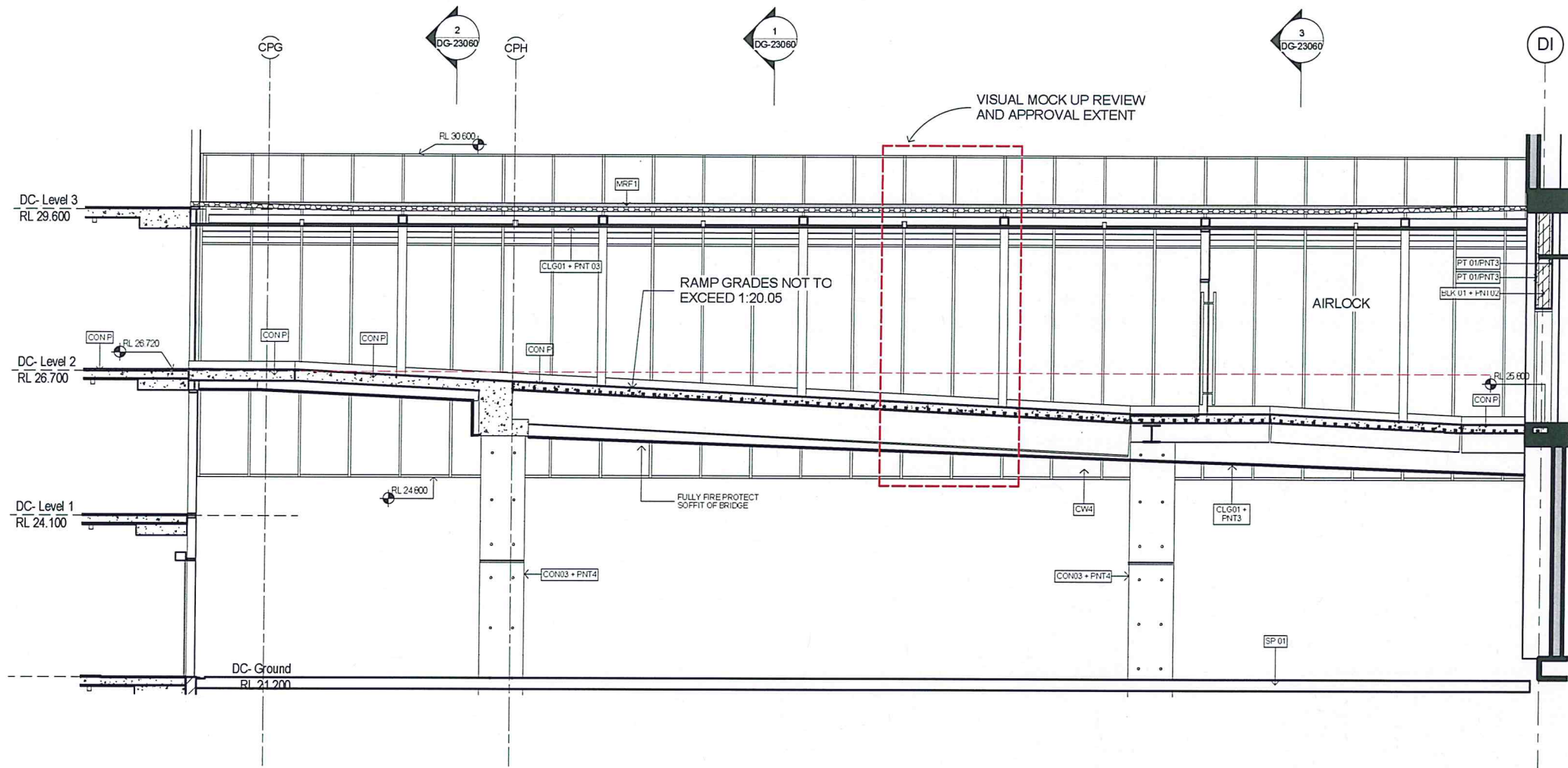
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PROJECT NAME
232186

DRAWING NAME
MSC-HDR-AR-DG-230601

CHECKED
TR

ISSUE



REV	DESCRIPTION	DRAWN	CHECK	DATE
1	TENDER	RT	TR	14/12/15

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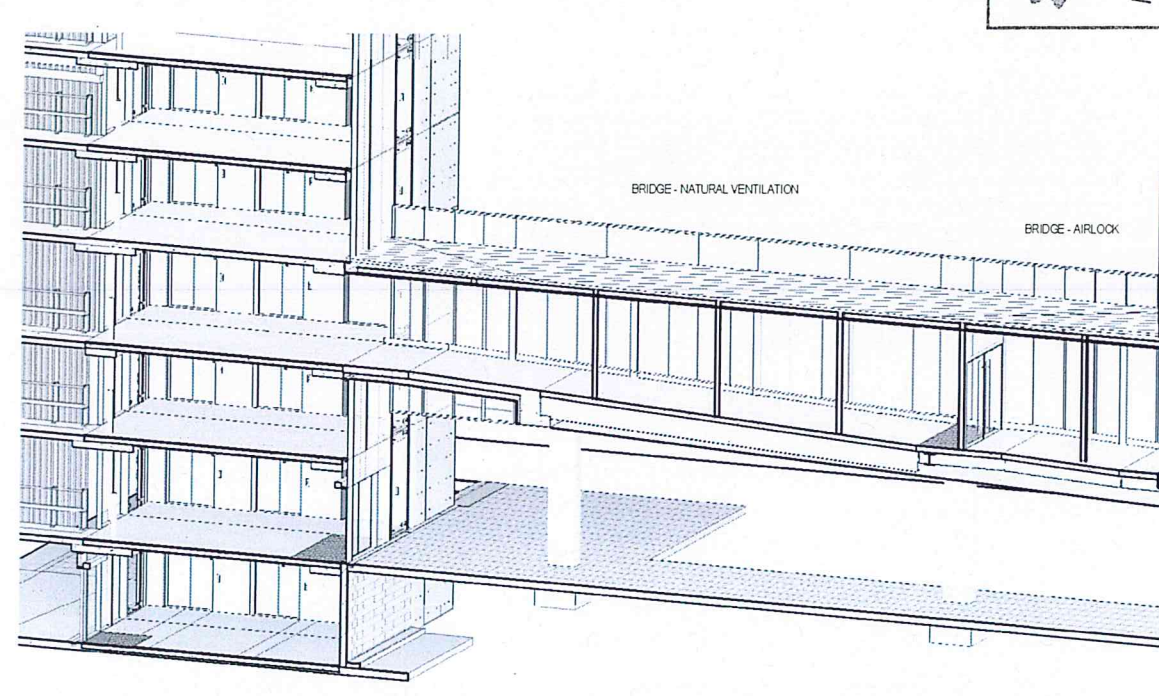
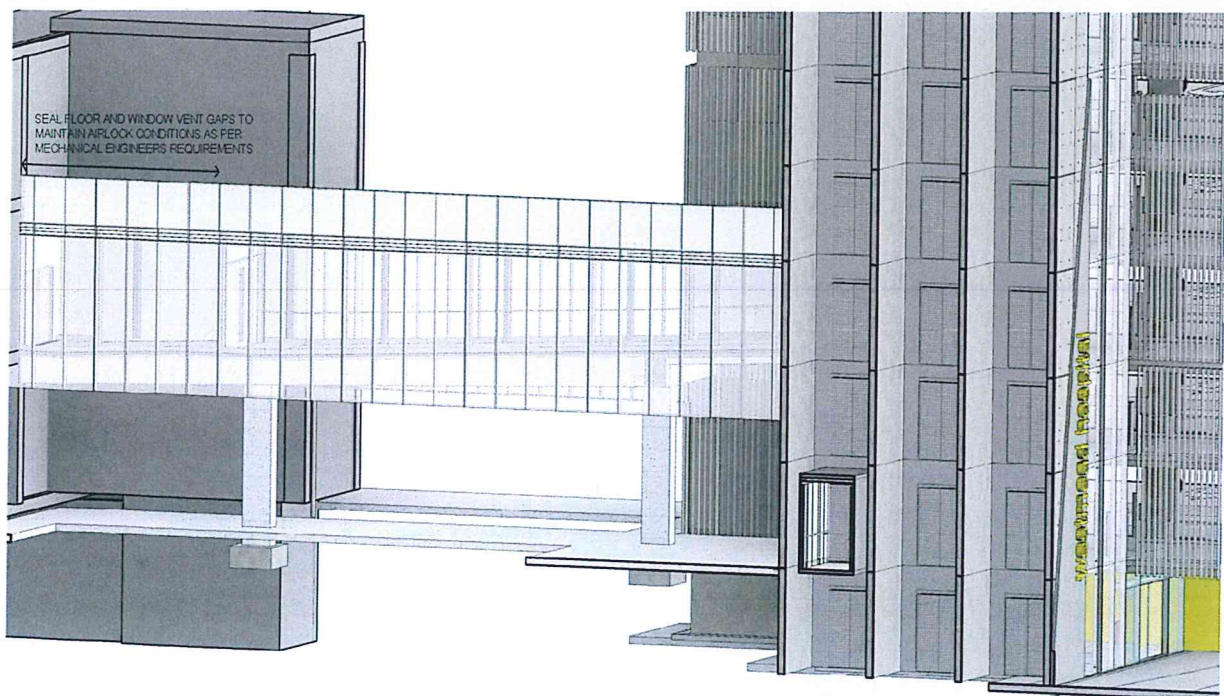
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Cnr Institute Road and Darcy Road
Westmead NSW 2145

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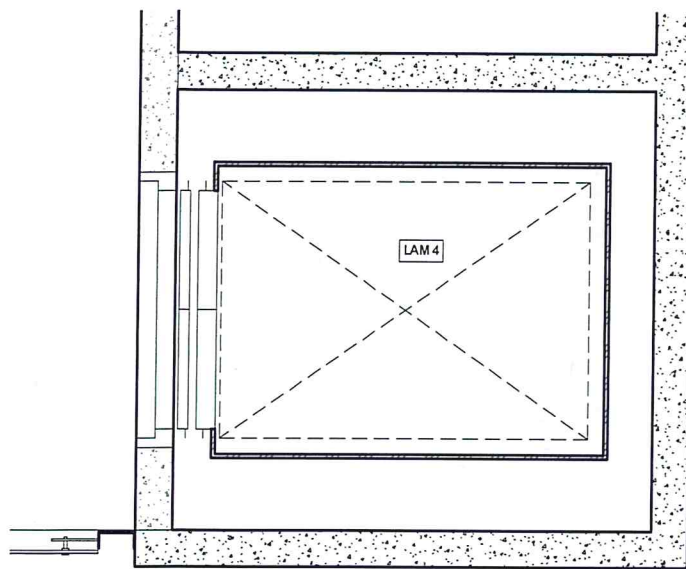
DRAWING TITLE
LINK BRIDGE SECTIONS

SCALE
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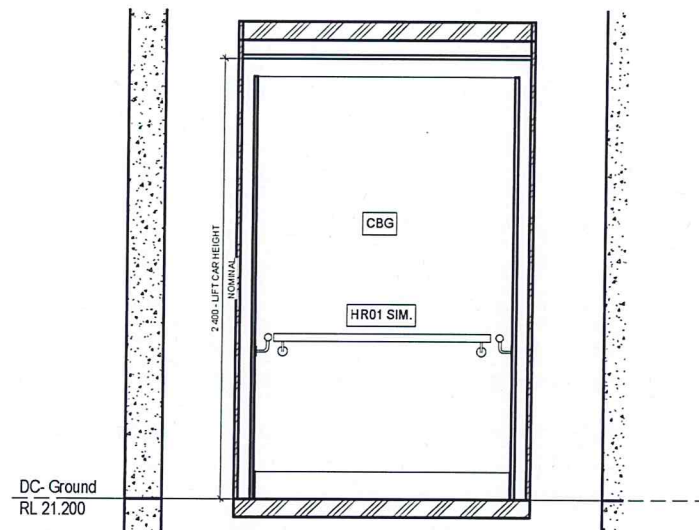
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PROJECT NUMBER
232186

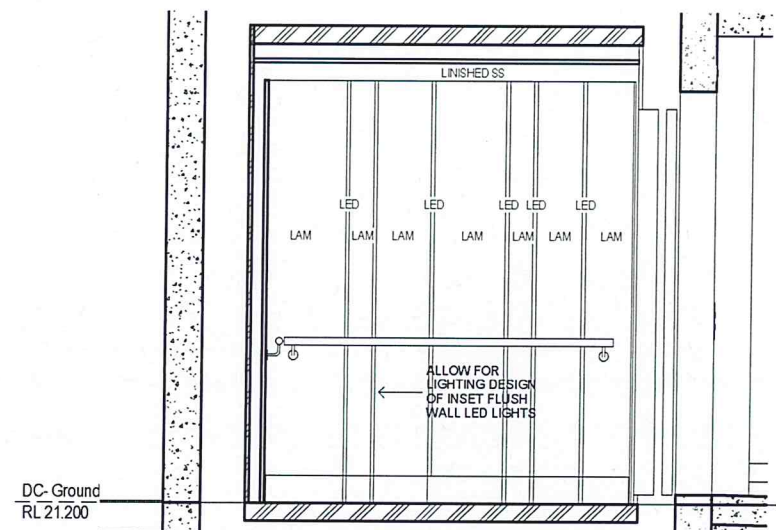
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MSC-HDR-AR-DG-230611



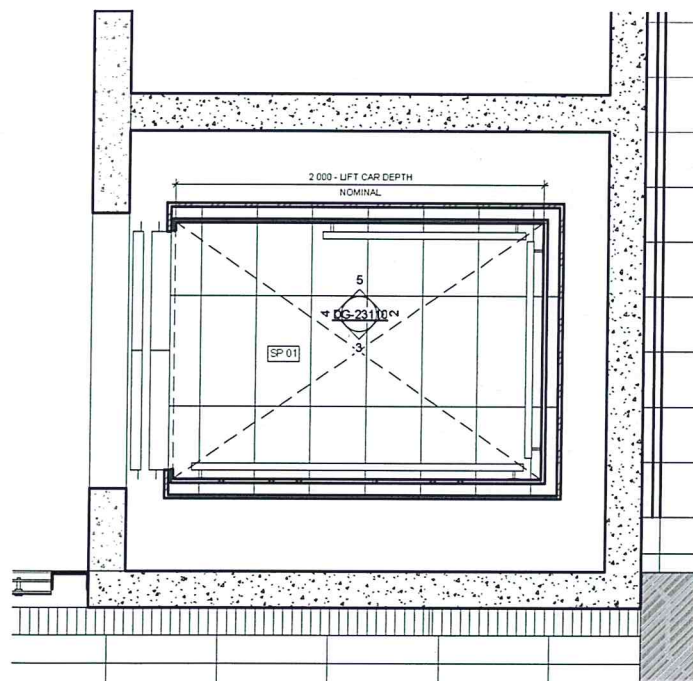
6 RCP - LIFT CAR
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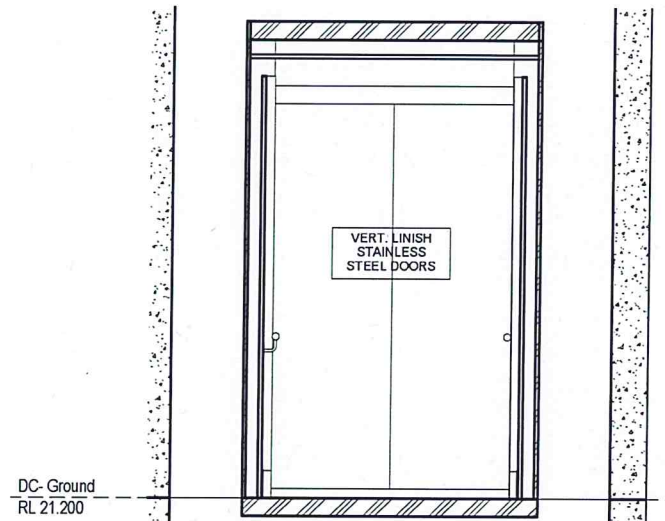
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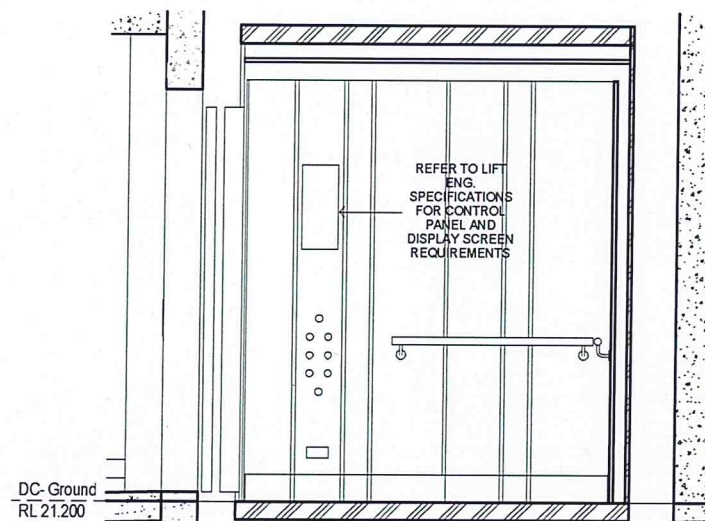
3 Lift Car - Elevation 4
1:20



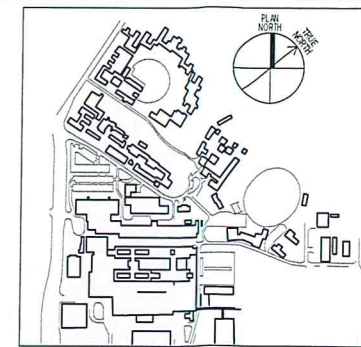
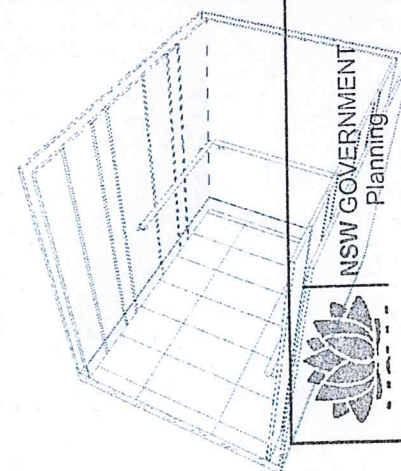
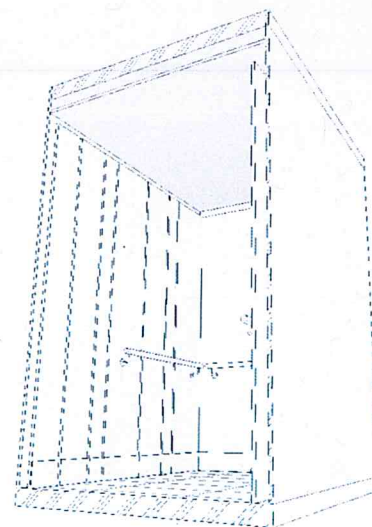
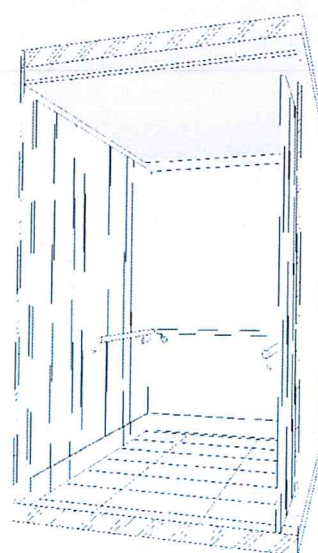
1 PLAN - Lift Car
1:20



4 Lift Car - Elevation 3
1:20



5 Lift Car - Elevation 2
1:20



REV	DESCRIPTION	DRAWN	CHECK	DATE
1	TENDER	RT	TR	14/12/15

ALL LIFT CAR FINISHES
SUBJECT TO HALF
SCALE PROTOTYPE
REVIEW AND
APPROVAL

TO BE READ IN
CONJUNCTION WITH
VERTICAL TRANSPORT
ENGINEERS AND
BCA/DDA
REQUIREMENTS

ISSUE FOR TENDER
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CLIENT
NSW HEALTH
INFRASTRUCTURE
North Sydney NSW 2060
P: (02) 9519 5437
F: (02) 9504 1377
www.nsw.health.nsw.gov.au

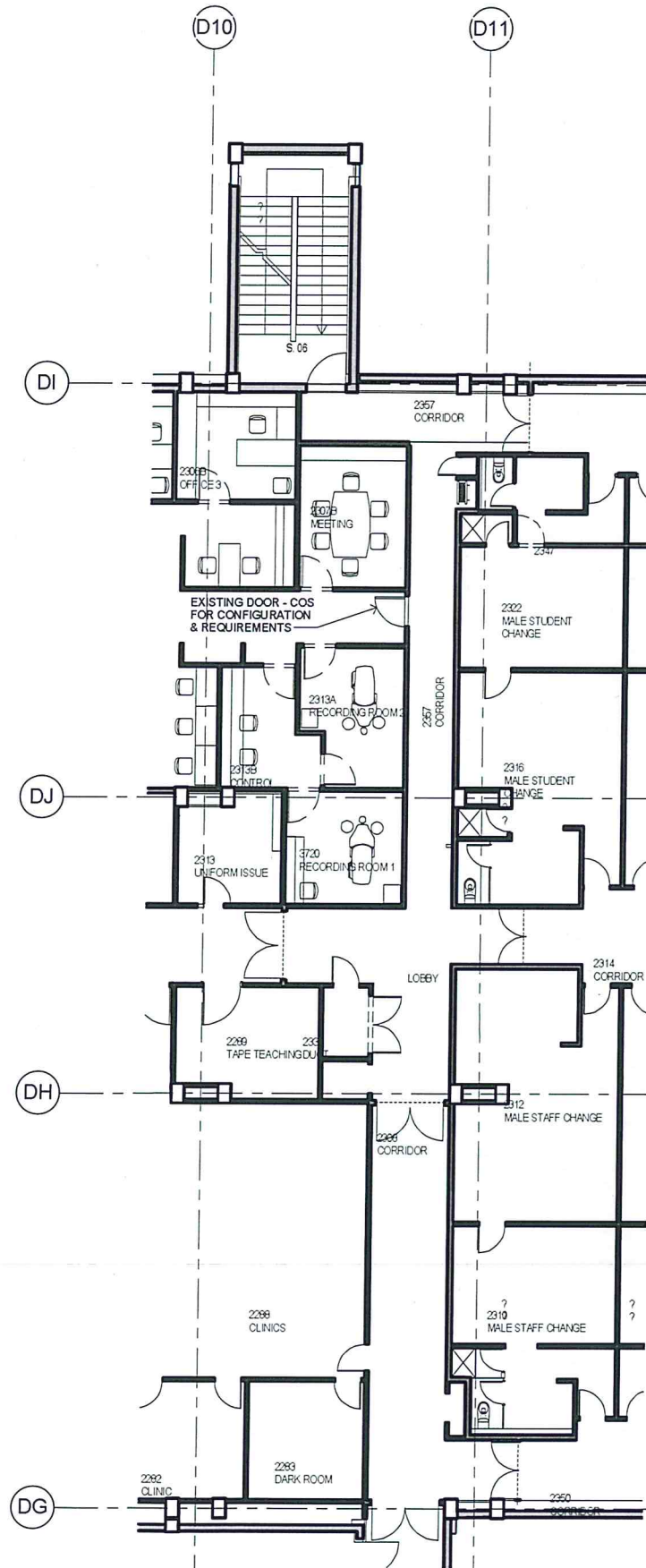
PROJECT MANAGER
PRICE WATERHOUSE
COOPERS
PwC
P: (02) 9556 2750
F: (02) 9556 2750
www.pwc.com.au

LEAD ARCHITECT
HDR | RD + MSJ
P: (02) 9556 2666
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askhadr@hdr.com.au

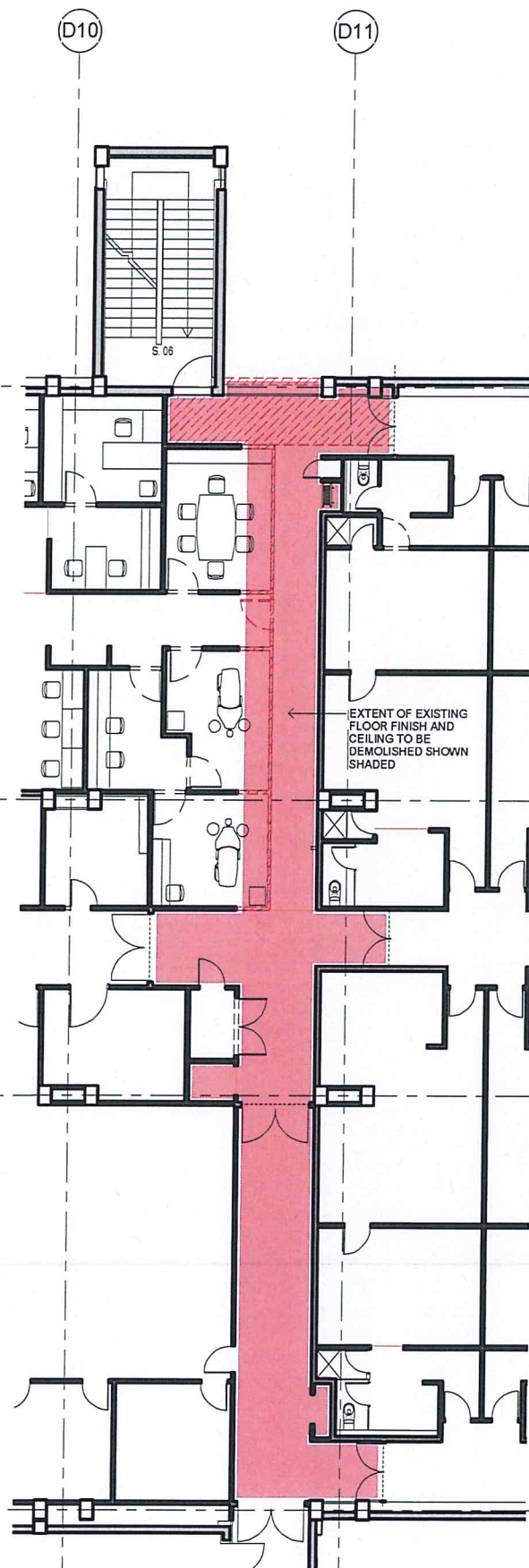
WESTMEAD MULTI STOREY CARPARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145
Westmead Redevelopment
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LIFT CAR

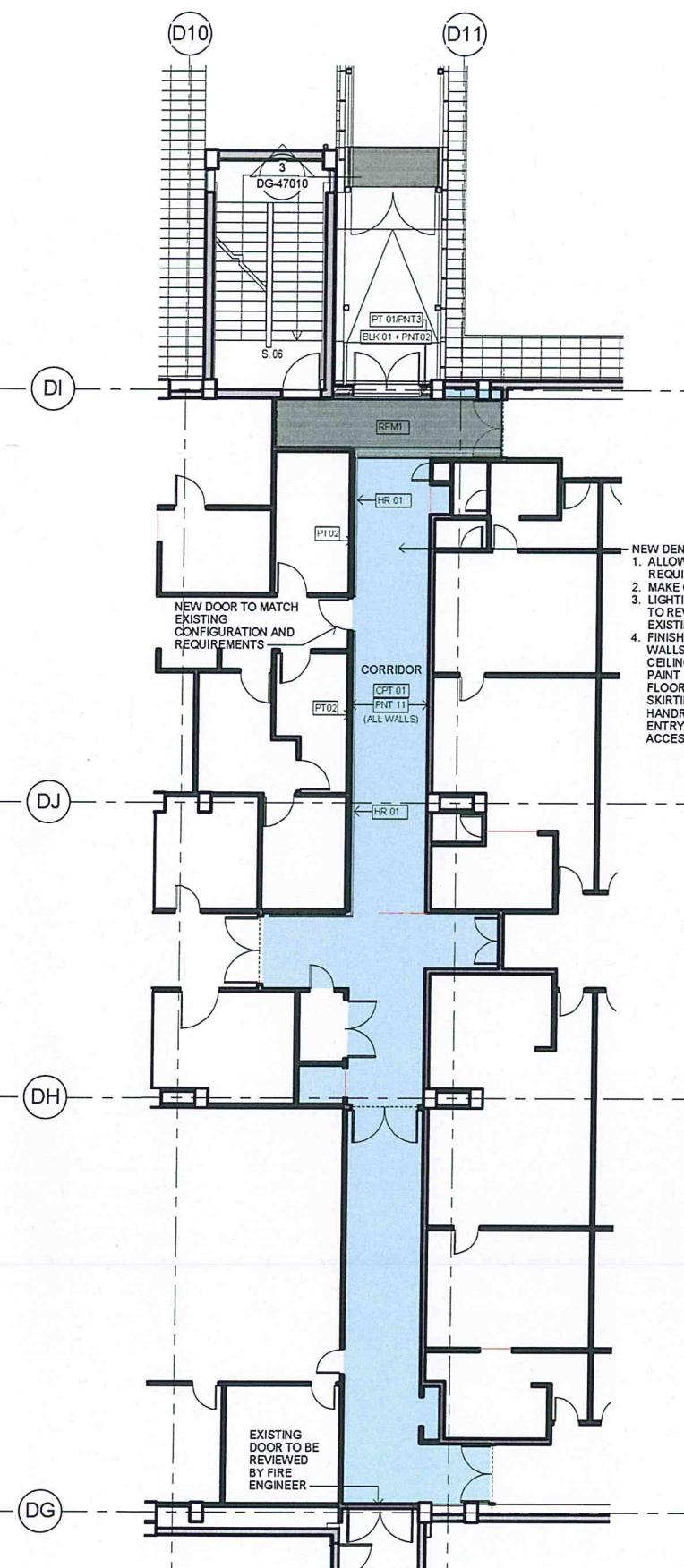
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PROJECT NUMBER
232186
DRAWING NUMBER
MSC-HDR-AR-DG-231101
SHEET NUMBER
5335
SHEET
TR



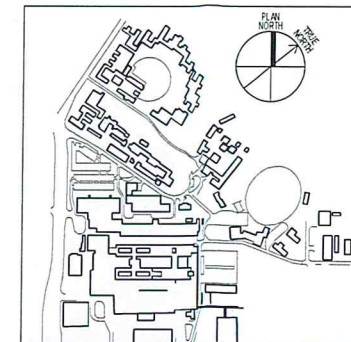
1 DENTAL LEVEL 2 - EXISTING
1 100



2 DENTAL LEVEL 2 - DEMOLITION
1 100



3 DENTAL LEVEL 2 - PROPOSED
1 100



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REV	DESCRIPTION	DRAWN	CHECK	DATE
1	TENDER	RT	TR	14/12/15

- NEW DENTAL CORRIDOR SHOWN SHADDED
1. ALLOW FOR CEILING ACCESS PANELS REQUIRED
 2. MAKE GOOD EXISTING WALLS & SURFACES
 3. LIGHTING AND SERVICES DESIGN SUBJECT TO REVIEW AND SITE INSPECTION OF EXISTING CONDITIONS
 4. FINISHES:
 - PT01, PT02
 - CLG 01, CLG 02
 - PNT 11
 - CPT 01
 - SKT 01
 - HR 01
 - RFL 01
 - ACCESS PANELS - AP



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NOTE
Design Development subjects to survey investigation of services, structure and existing conditions

Approved Application No. **SSD 7262**
granted on the **25/05/16**
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Sheet No. **33** of **62**

ISSUE FOR TENDER
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Level 6, 77 Pacific Highway
North Sydney NSW 2060
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F: (02) 9594 1377
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Westmead NSW 2145

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DRAWING TITLE
DENTAL LEVEL 2 FIT OUT

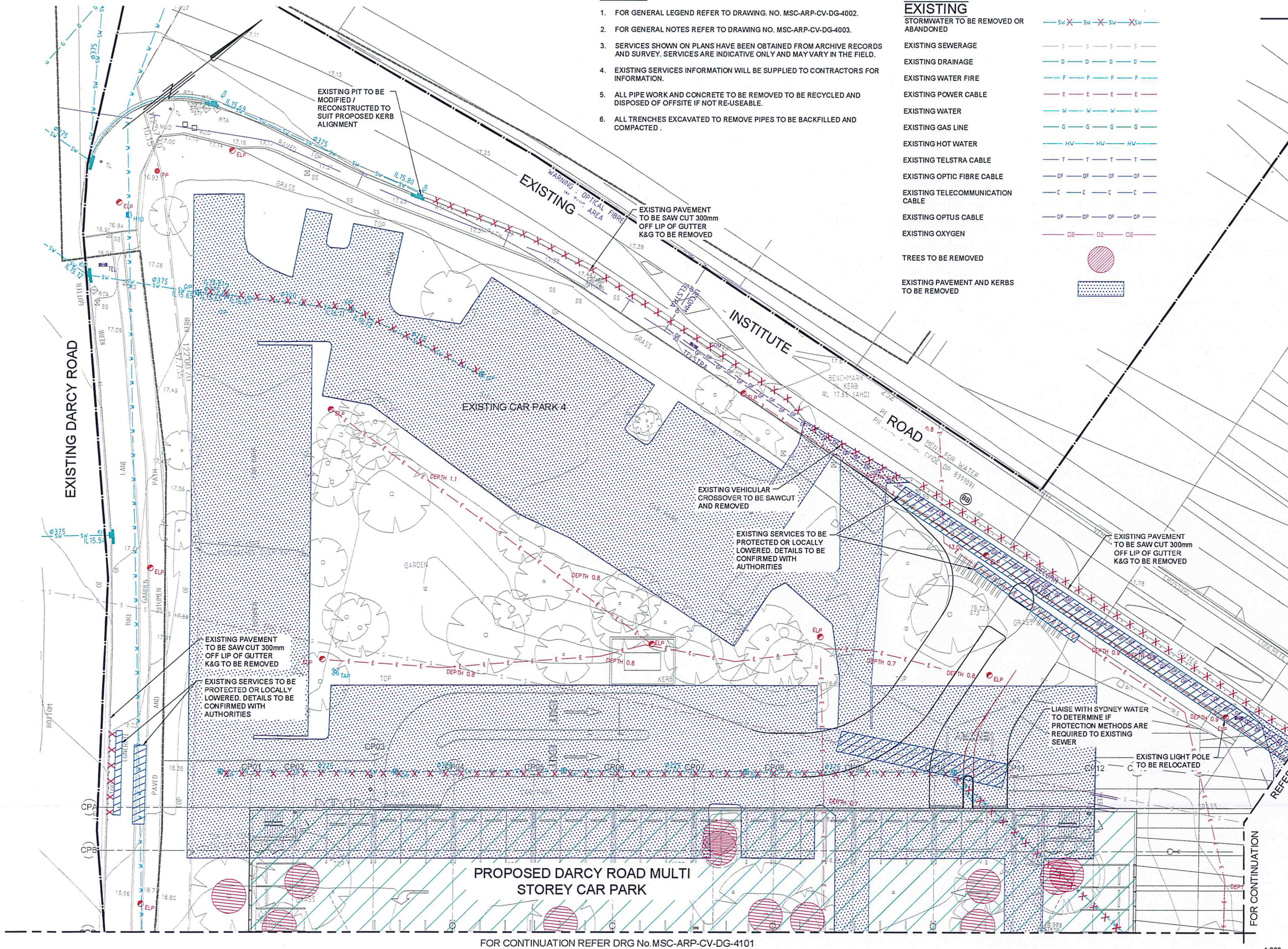
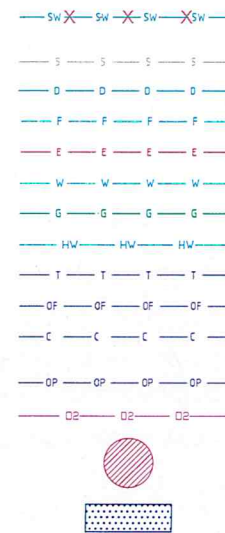
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PROJECT NUMBER 232186	DRAWING NAME MSC-HDR-AR-DG-310101	ISSUE

NOTES

1. FOR GENERAL LEGEND REFER TO DRAWING NO. MSC-ARP-CV-DG-4002.
2. FOR GENERAL NOTES REFER TO DRAWING NO. MSC-ARP-CV-DG-4003.
3. SERVICES SHOWN ON PLANS HAVE BEEN OBTAINED FROM ARCHIVE RECORDS AND SURVEY. SERVICES ARE INDICATIVE ONLY AND MAY VARY IN THE FIELD.
4. EXISTING SERVICES INFORMATION WILL BE SUPPLIED TO CONTRACTORS FOR INFORMATION.
5. ALL PIPE WORK AND CONCRETE TO BE REMOVED TO BE RECYCLED AND DISPOSED OF OFFSITE IF NOT RE-USEABLE.
6. ALL TRENCHES EXCAVATED TO REMOVE PIPES TO BE BACKFILLED AND COMPACTED.

LEGEND - EXISTING

- STORMWATER TO BE REMOVED OR ABANDONED
- EXISTING SEWERAGE
- EXISTING DRAINAGE
- EXISTING WATER FIRE
- EXISTING POWER CABLE
- EXISTING WATER
- EXISTING GAS LINE
- EXISTING HOT WATER
- EXISTING TELSTRA CABLE
- EXISTING OPTIC FIBRE CABLE
- EXISTING TELECOMMUNICATION CABLE
- EXISTING OPTUS CABLE
- EXISTING OXYGEN
- TREES TO BE REMOVED
- EXISTING PAVEMENT AND KERBS TO BE REMOVED



SEE INSET

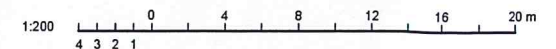
SEE INSET

NSW GOVERNMENT
Planning and Assessment Act 1979

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granted on the **25/05/16**
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Sheet No. **34** of **62**

1 OF 4	3 OF 4	4 OF 4
2 OF 4		

SHEET INDEX



REV	DESCRIPTION	DRAWN	CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC	KJS	18/11/2015
2	ISSUE FOR TENDER	ADC	KJS	26/11/2015
3	ISSUE FOR TENDER	ADC	KJS	15/01/2016

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Member Firm
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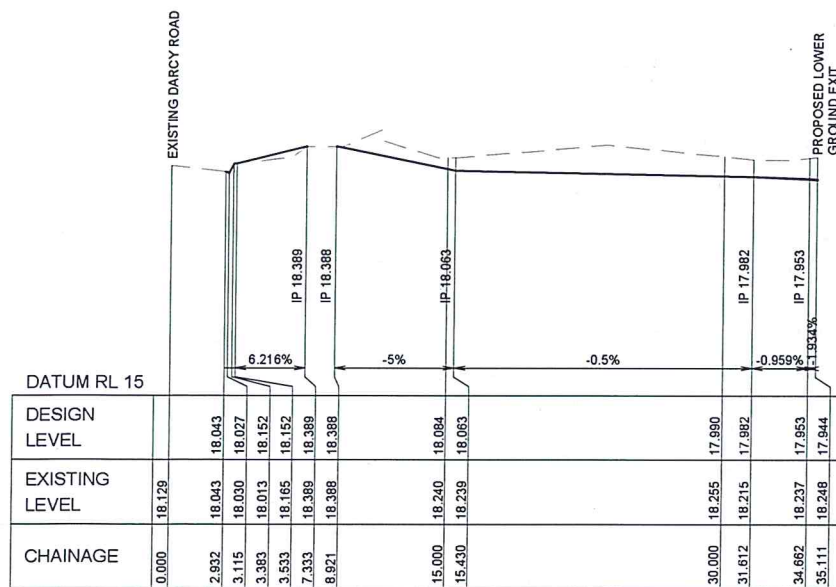
WESTMEAD HOSPITAL REDEVELOPMENT
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DEMOLITION
PLAN
SHEET 1 OF 4

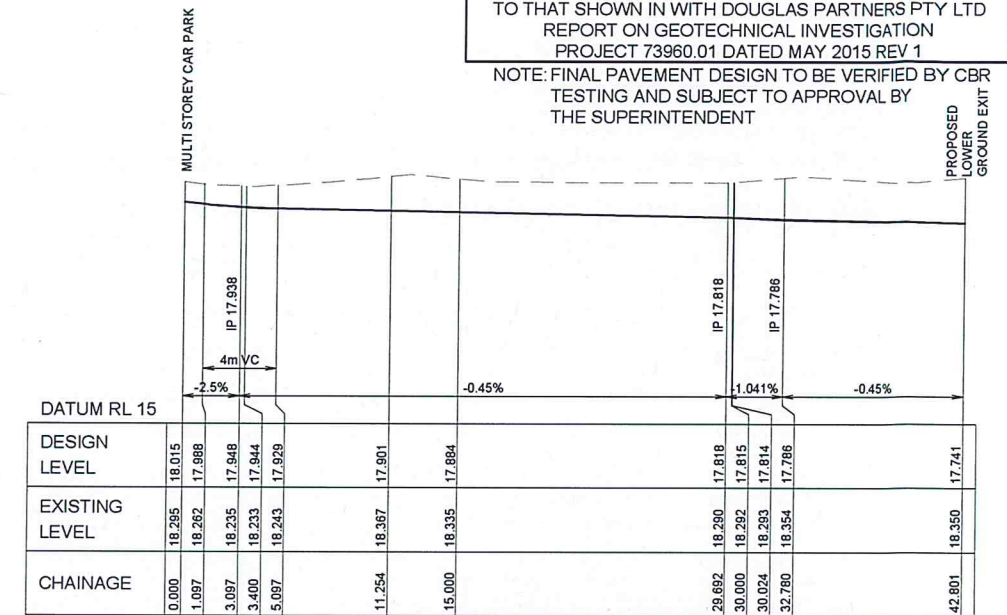
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DRAWING NUMBER: **MSC-ARP-CV-DG-4100**
ISSUE: **3**



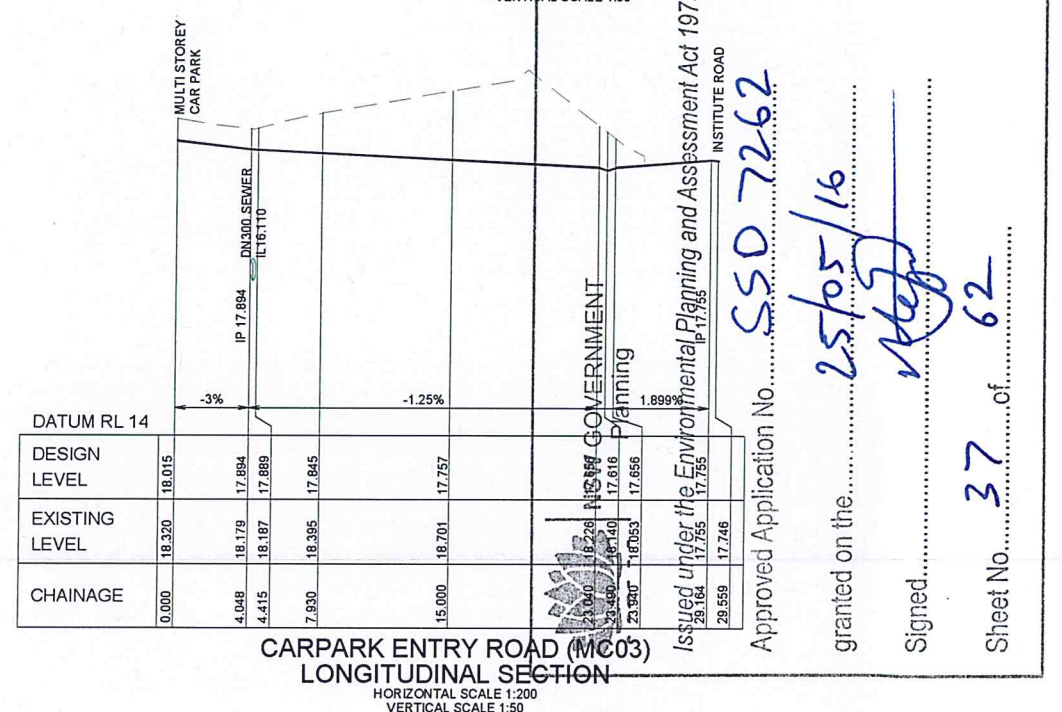
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LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



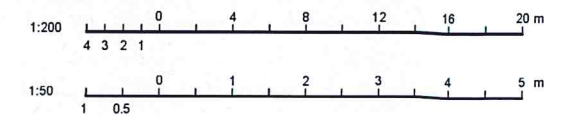
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LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



CARPARK EXIT ROAD (MC01)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



CARPARK ENTRY ROAD (MC03)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



**PAVEMENT DETAILS
CAR PARK ENTRY/EXIT**

- 50mm AC14
- 200mm BASE COURSE DGB20 TO RMS SPECIFICATION 3051
- 300mm SELECT SUB-GRADE WITH CBR ≥ 20% MINIMUM
PREPARED AS PER S11.1 OF THE DOUGLAS PARTNER'S REPORT
- GEOFABRIC
- UNTREATED SUBGRADE

DUE TO NO LOCATION SPECIFIC GEOTECHNICAL INFORMATION THE PAVEMENT DESIGN IS ASSUMED SIMILAR TO THAT SHOWN IN WITH DOUGLAS PARTNERS PTY LTD REPORT ON GEOTECHNICAL INVESTIGATION PROJECT 73960.01 DATED MAY 2015 REV 1

NOTE: FINAL PAVEMENT DESIGN TO BE VERIFIED BY CBR TESTING AND SUBJECT TO APPROVAL BY THE SUPERINTENDENT

Approved Application No. **SSO 7262**
granted on the **25/05/16**
Signed **[Signature]**
Sheet No. **37** of **62**

REV	DESCRIPTION	DRAWN	CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC	KJS	18/11/2015
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3	ISSUE FOR TENDER	ADC	KJS	15/01/2016

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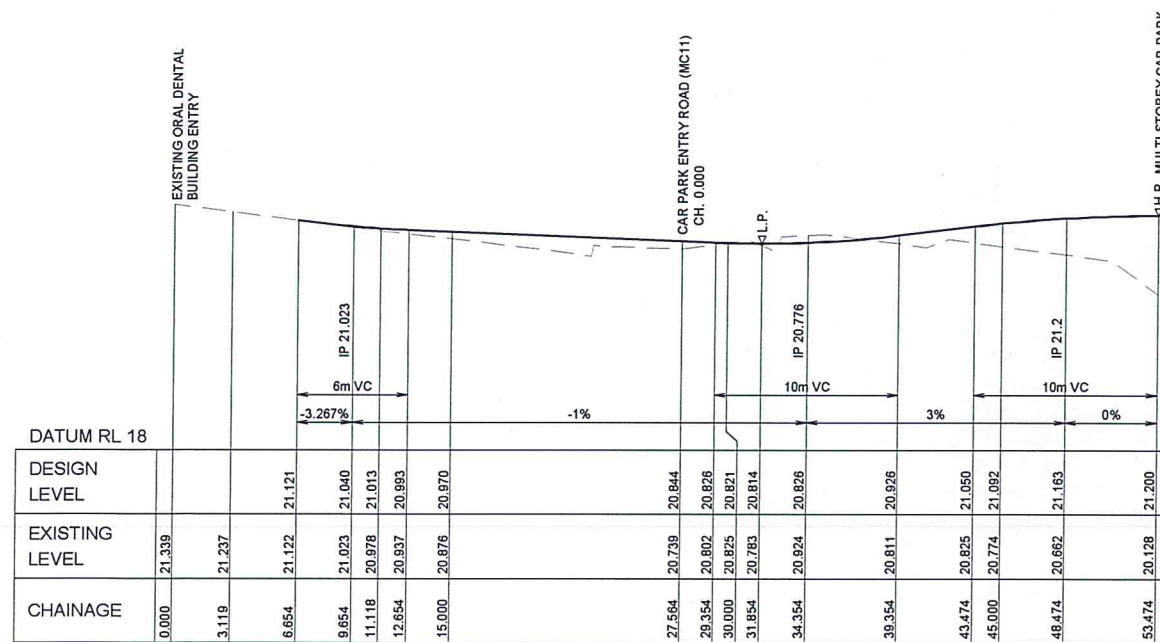
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Sydney, NSW, 2000
Tel +61(02)9320 9320 Fax +61(02)9320 9321
www.arup.com.au

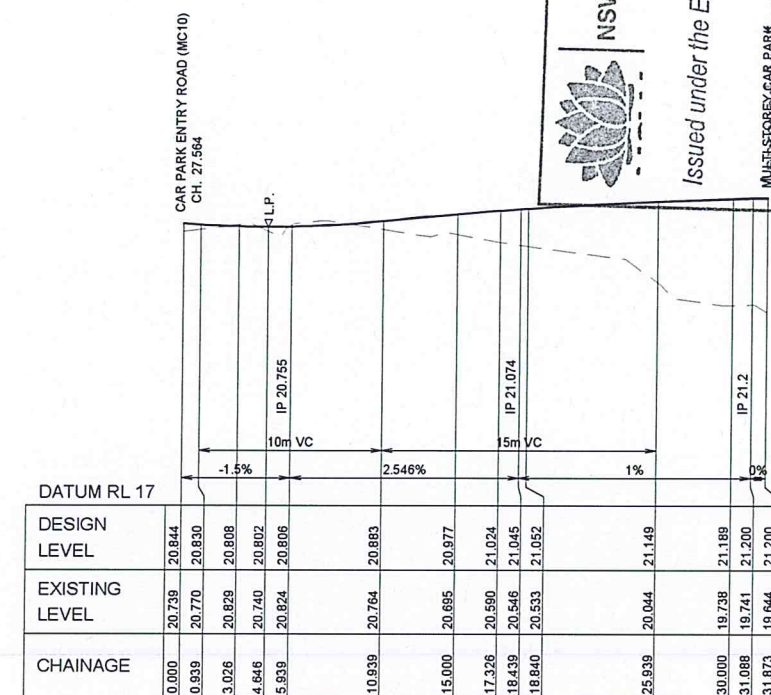
CONSULT AUSTRALIA
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ABN 18 000 965 185

DARCY ROAD MULTI STOREY CAR PARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145
WESTMEAD HOSPITAL REDEVELOPMENT
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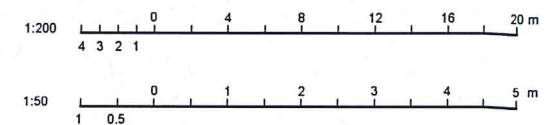
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**ROADWORKS
CAR PARK ENTRY/EXIT
LONGITUDINAL SECTIONS
SHEET 1 OF 2**
SCALE 1:200
DRAWING NUMBER **5335**
PROJECT NUMBER **236482**
DRAWING NUMBER **MSC-ARP-CV-DG-4210**
ISSUE **3**



CARPARK ENTRY ROAD (MC10)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



CARPARK ENTRY ROAD (MC11)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



PAVEMENT DETAILS
CAR PARK ENTRY

- 50mm AC14
- 200mm BASE COURSE DGB20 TO RMS SPECIFICATION 3051
- 300mm SELECT SUB-GRADE WITH CBR ≥ 20% MINIMUM
PREPARED AS PER S11.1 OF THE DOUGLAS PARTNER'S REPORT
- GEOFABRIC
- UNTREATED SUBGRADE

DUE TO NO LOCATION SPECIFIC GEOTECHNICAL INFORMATION THE PAVEMENT DESIGN IS ASSUMED SIMILAR TO THAT SHOWN IN WITH DOUGLAS PARTNERS PTY LTD REPORT ON GEOTECHNICAL INVESTIGATION PROJECT 73960.01 DATED MAY 2015 REV 1

NOTE: FINAL PAVEMENT DESIGN TO BE VERIFIED BY CBR TESTING AND SUBJECT TO APPROVAL BY THE SUPERINTENDENT



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Sheet No. **38** of **62**

REV	DESCRIPTION	DRAWN	CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC	KJS	18/11/2015
2	ISSUE FOR TENDER	ADC	KJS	26/11/2015
3	ISSUE FOR TENDER	ADC	KJS	15/01/2016

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NSW HEALTH
INFRASTRUCTURE



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www.health.nsw.gov.au

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www.pwc.com.au

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ashh@hadr.com.au

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ROADWORKS
CAR PARK ENTRY/EXIT
LONGITUDINAL SECTIONS
SHEET 2 OF 2

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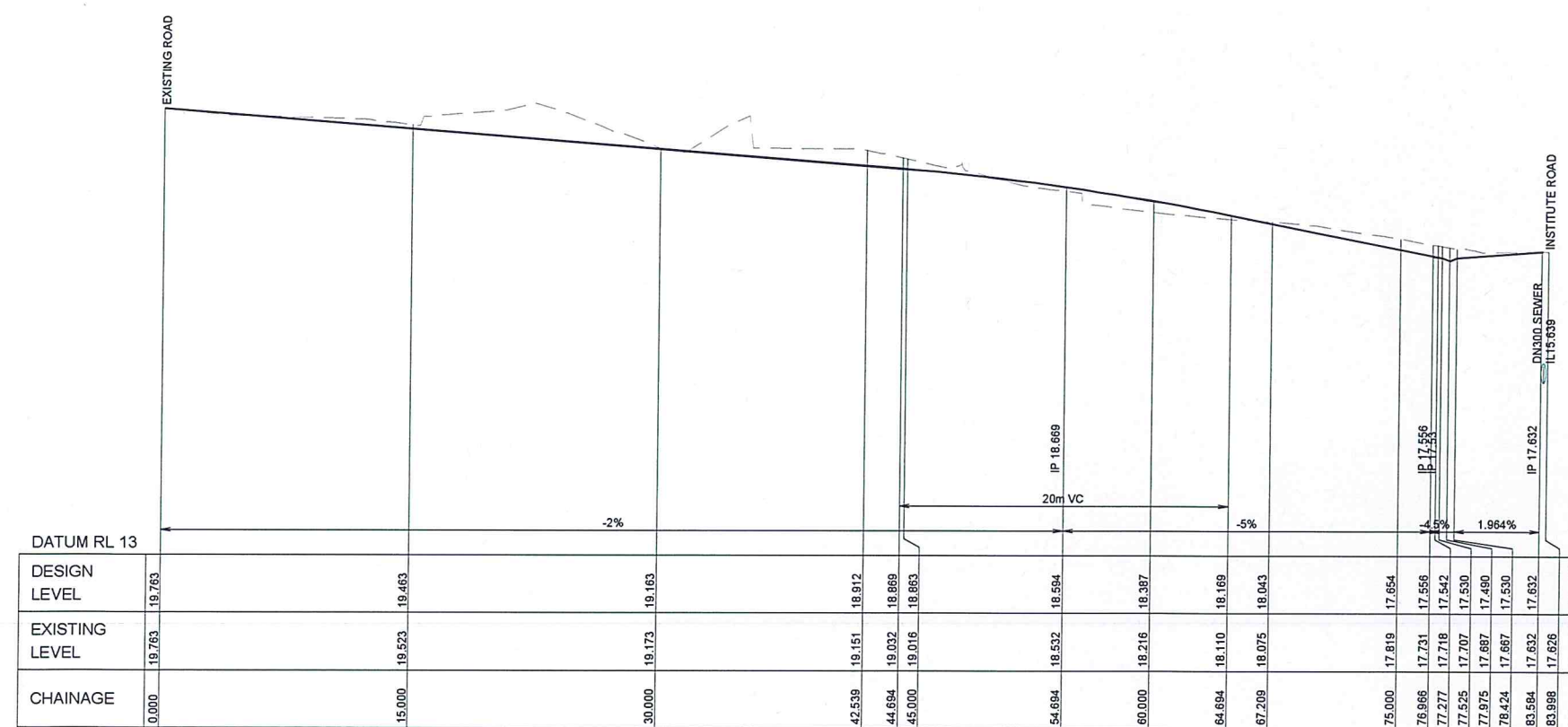
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PAVEMENT DETAILS
MORTUARY ROAD

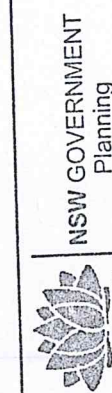
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- 300mm SELECT SUB-GRADE WITH CBR ≥ 20% MINIMUM
PREPARED AS PER S11.1 OF THE DOUGLAS PARTNER'S REPORT
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MORTUARY ROAD (MC20)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



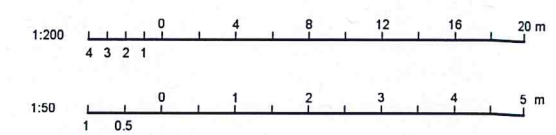
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Sheet No. **39** of **62**



REV	DESCRIPTION	DRAWN	CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC	KJS	18/11/2015
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3	ISSUE FOR TENDER	ADC	KJS	15/01/2016

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North Sydney NSW 2060

NSW Health Infrastructure

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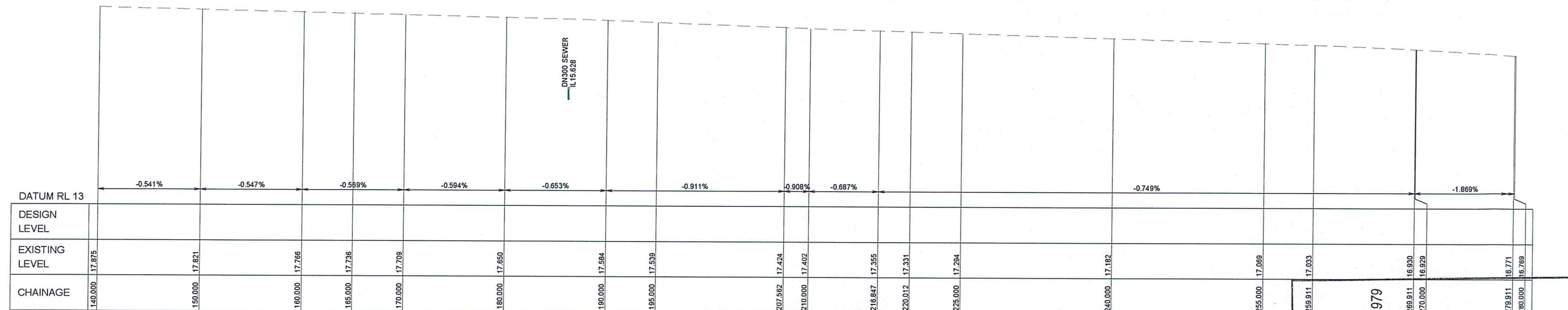
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**ROADWORKS
MORTUARY ROAD
LONGITUDINAL SECTIONS**

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PROJECT NUMBER: **236482**
DRAWING NUMBER: **MSC-ARP-CV-DG-4212**
ISSUE: **3**

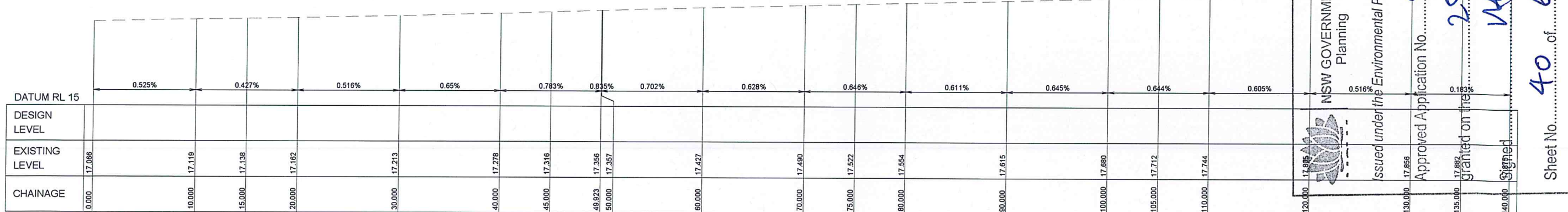
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PAVEMENT DETAILS INSTITUTE ROAD

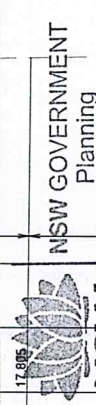
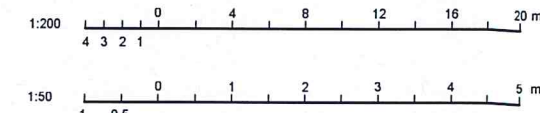
- 50mm AC14
 - 200mm BASE COURSE DGB20 TO RMS SPECIFICATION 3051
 - 300mm SELECT SUB-GRADE WITH CBR ≥ 20% MINIMUM
PREPARED AS PER S11.1 OF THE DOUGLAS PARTNER'S REPORT
 - GEOFABRIC
 - UNTREATED SUBGRADE
- DUE TO NO LOCATION SPECIFIC GEOTECHNICAL INFORMATION THE PAVEMENT DESIGN IS ASSUMED SIMILAR TO THAT SHOWN IN WITH DOUGLAS PARTNERS PTY LTD REPORT ON GEOTECHNICAL INVESTIGATION PROJECT 73960.01 DATED MAY 2015 REV 1
- NOTE: FINAL PAVEMENT DESIGN TO BE VERIFIED BY CBR TESTING AND SUBJECT TO APPROVAL BY THE SUPERINTENDENT



INSTITUTE ROAD (MC50)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



INSTITUTE ROAD (MC50)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



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REV	DESCRIPTION	DRAWN	CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC	KJS	18/11/2015
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ashbird@harcadaboney.com

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DRAWING TITLE:
ROADWORKS
INSTITUTE ROAD
LONGITUDINAL SECTIONS
SHEET 1 OF 2

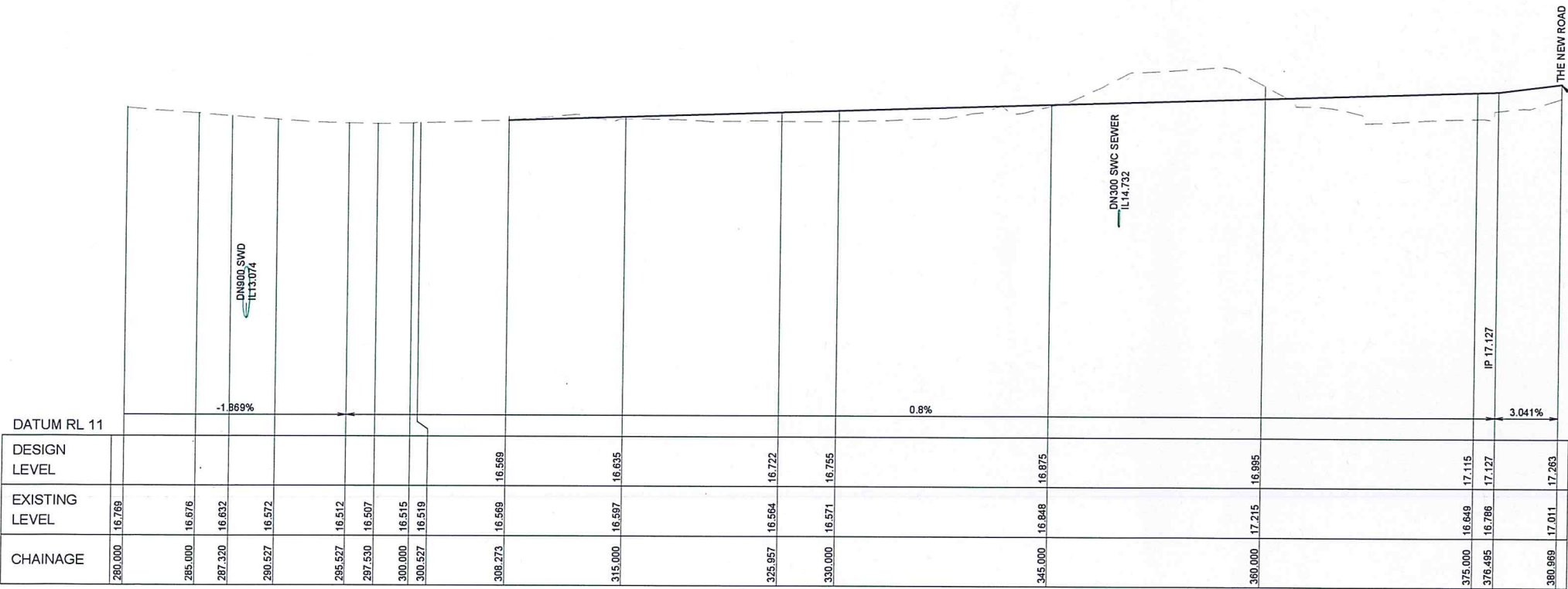
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ISSUE: 3

PAVEMENT DETAILS
INSTITUTE ROAD

- 50mm AC14
- 200mm BASE COURSE DGB20 TO RMS SPECIFICATION 3051
- 300mm SELECT SUB-GRADE WITH CBR ≥ 20% MINIMUM
PREPARED AS PER S11.1 OF THE DOUGLAS PARTNER'S REPORT
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- UNTREATED SUBGRADE

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NOTE: FINAL PAVEMENT DESIGN TO BE VERIFIED BY CBR TESTING AND SUBJECT TO APPROVAL BY THE SUPERINTENDENT



TIE-IN TO BE CONFIRMED
WITH AW EDWARDS
FINAL DESIGN



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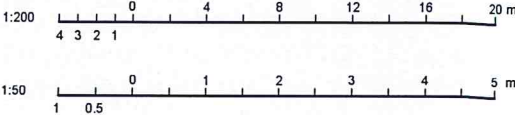
Approved Application No. **SSO 7262**

granted on the **25/05/16**

Signed **[Signature]**

Sheet No. **41** of **62**

INSTITUTE ROAD (MC50)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



REV	DESCRIPTION	DRAWN	CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC	KJS	18/11/2015
2	ISSUE FOR TENDER	ADC	KJS	26/11/2015
3	ISSUE FOR TENDER	ADC	KJS	15/01/2016

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PROJECT MANAGER:

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ARUP



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Cnr Institute Road and Darcy Road
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ROADWORKS
INSTITUTE ROAD
LONGITUDINAL SECTIONS
SHEET 2 OF 2

SCALE: 1:200 DRAWING NUMBER: 5335

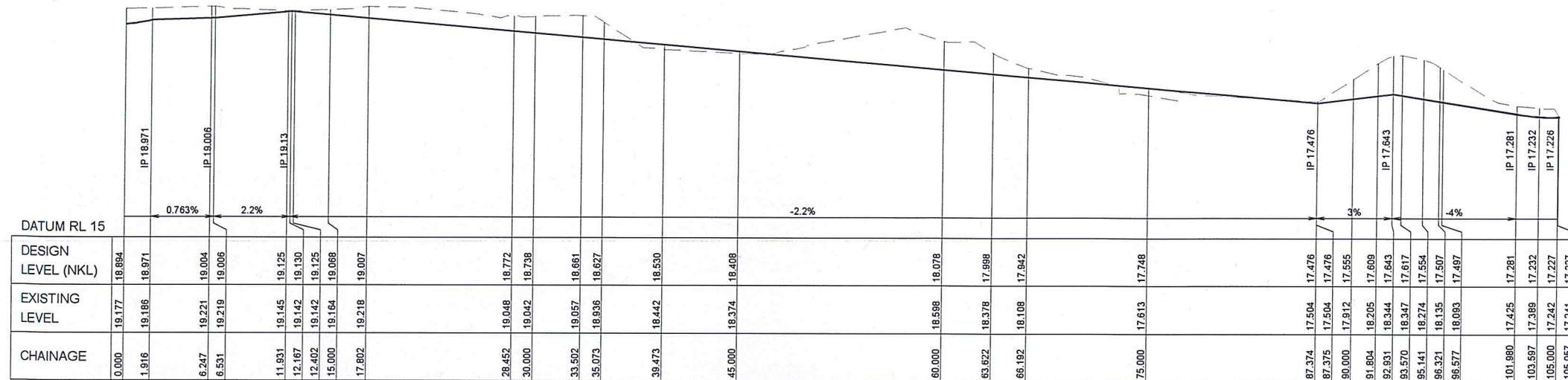
PROJECT NUMBER: 236482 MSC-ARP-CV-DG-4214 3

PAVEMENT DETAILS AT-GRADE CAR PARK

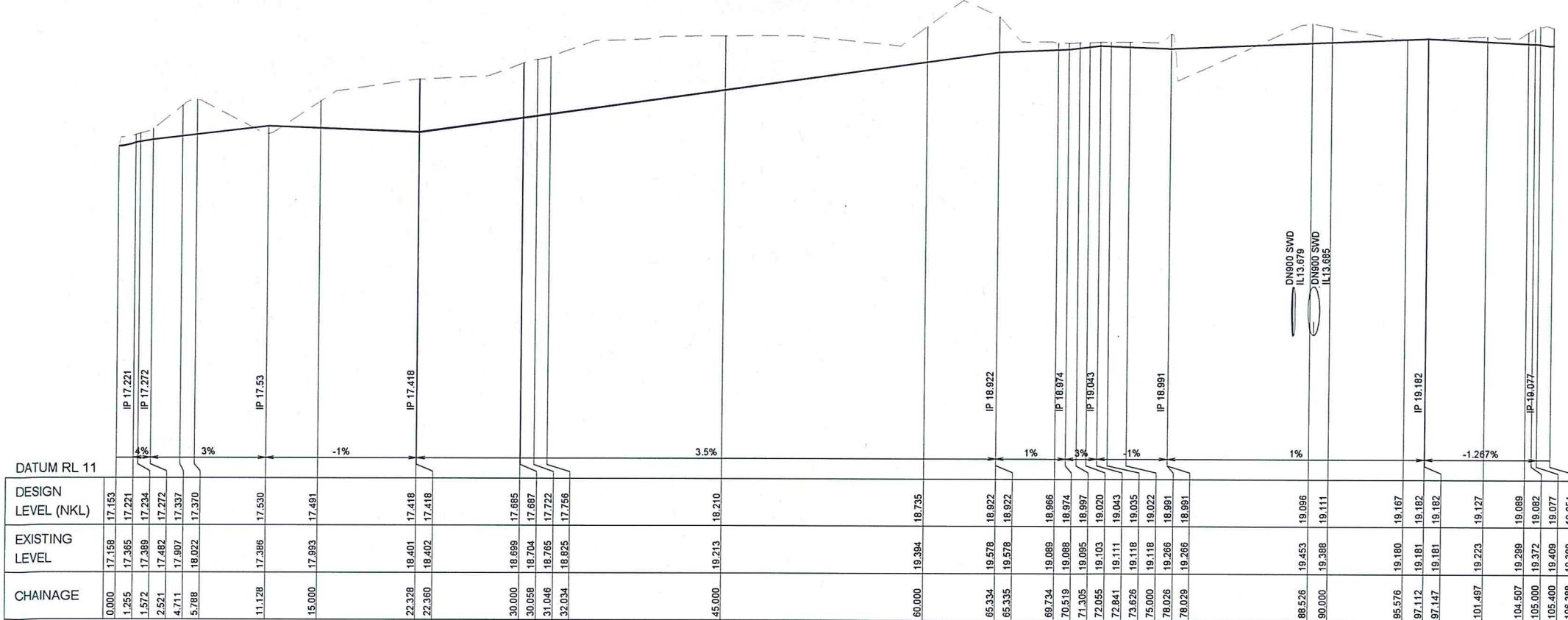
- 50mm AC14
- 200mm BASE COURSE DGB20 TO RMS SPECIFICATION 3051
- 300mm SELECT SUB-GRADE WITH CBR ≥ 20% MINIMUM
PREPARED AS PER S11.1 OF THE DOUGLAS PARTNER'S REPORT
- GEOFABRIC
- UNTREATED SUBGRADE

DUE TO NO LOCATION SPECIFIC GEOTECHNICAL INFORMATION THE PAVEMENT DESIGN IS ASSUMED SIMILAR TO THAT SHOWN IN WITH DOUGLAS PARTNERS PTY LTD REPORT ON GEOTECHNICAL INVESTIGATION PROJECT 73960.01 DATED MAY 2015 REV 1

NOTE: FINAL PAVEMENT DESIGN TO BE VERIFIED BY CBR TESTING AND SUBJECT TO APPROVAL BY THE SUPERINTENDENT



AT-GRADE CARPARK (MK20)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



AT-GRADE CARPARK (MK21)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50

NSW GOVERNMENT
Planning

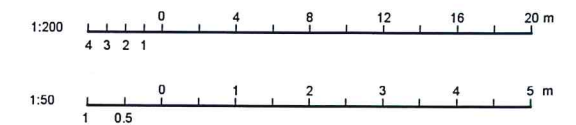
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Sheet No. **42** of **62**



REV	DESCRIPTION	DRAWN	CHECK	DATE
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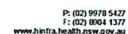
DRAWN BY
ROADWORKS
AT-GRADE CARPARK
LONGITUDINAL SECTIONS

SCALE 1:200
PROJECT NUMBER 236482
DRAWING NUMBER MSC-ARP-CV-DG-4215
ISSUE 3



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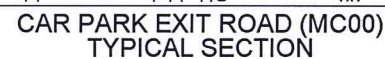
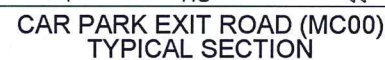


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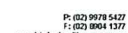
WESTMEAD HOSPITAL REDEVELOPMENT
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SCALE 1:200	DOHS NUMBER 5335	CHECKED KJS
PROJECT NUMBER 236482	DRAWING NUMBER MSC-ARP-CV-DG-4216	ISSUE 3



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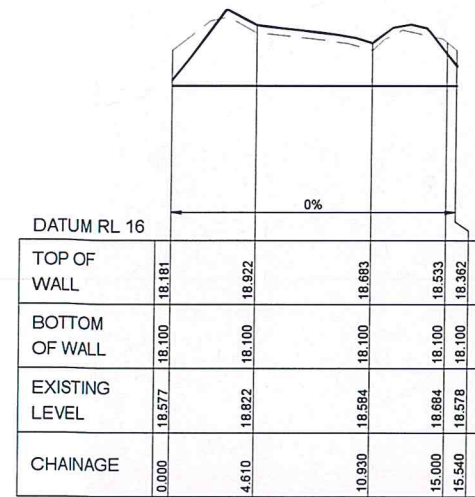


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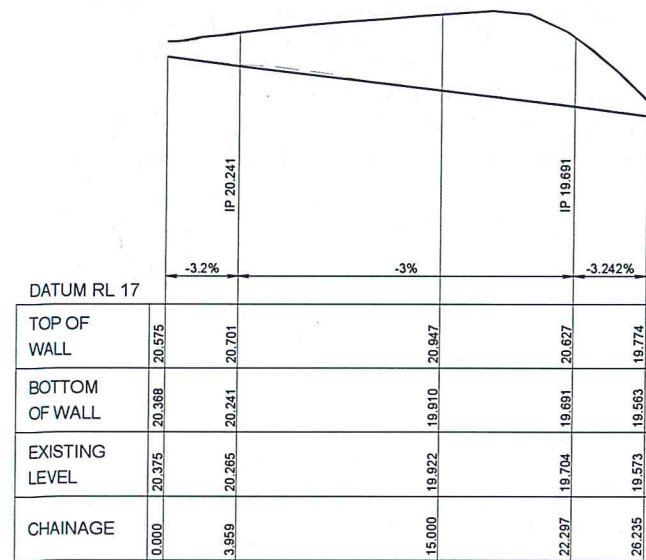


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SCALE: 1:100	DORS NUMBER: 5335	CHECK KJS
PROJECT NUMBER: 236482	DRAWING NUMBER: MSC-APP-CV-DG-4217	ISSUE: 3



RETAINING WALL No.2 (MW00)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



RETAINING WALL No.1 (MW10)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50

NSW GOVERNMENT
Planning

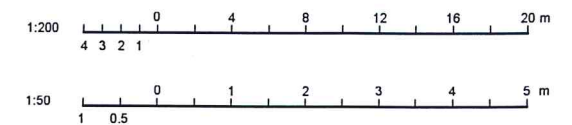
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Sheet No. **45** of **62**



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CONSULT AUSTRALIA
Member Firm:
Arup Pty Ltd
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DRAWING TITLE:
RETAINING WALL
LONGITUDINAL SECTIONS

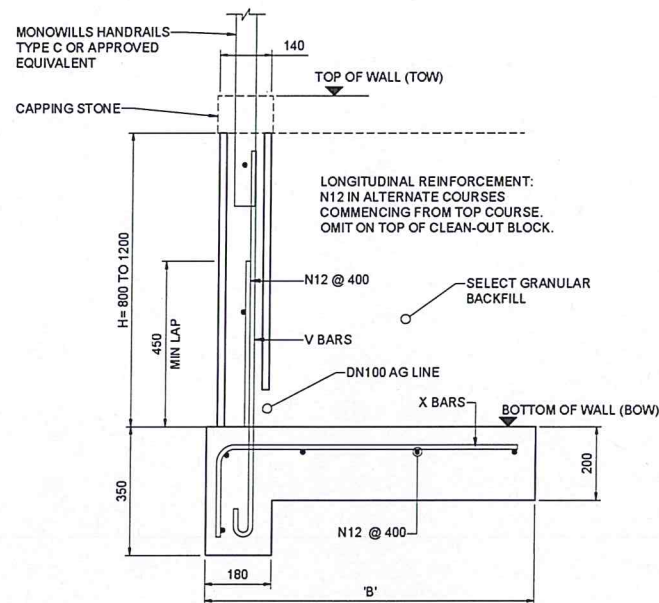
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DOWNSHIP NUMBER:
5335

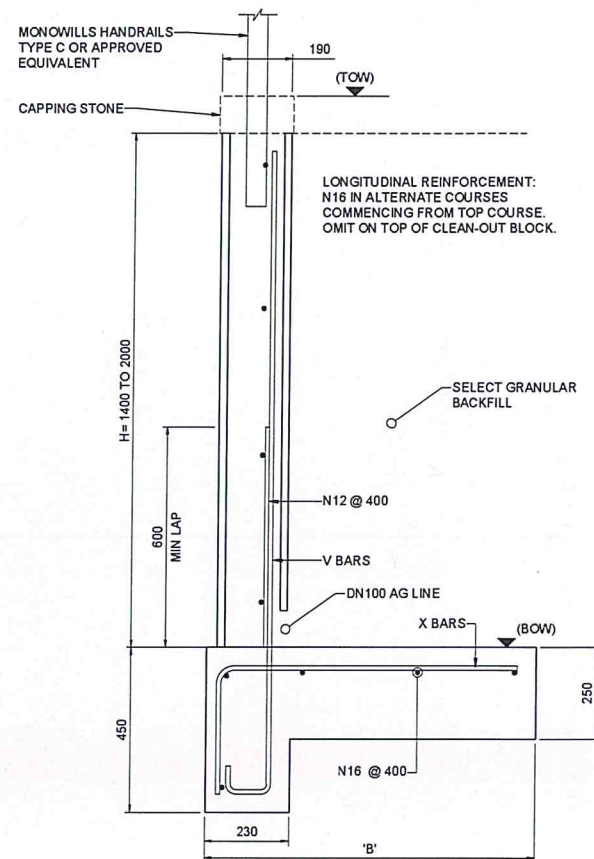
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236482

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MSC-ARP-CV-DG-4251

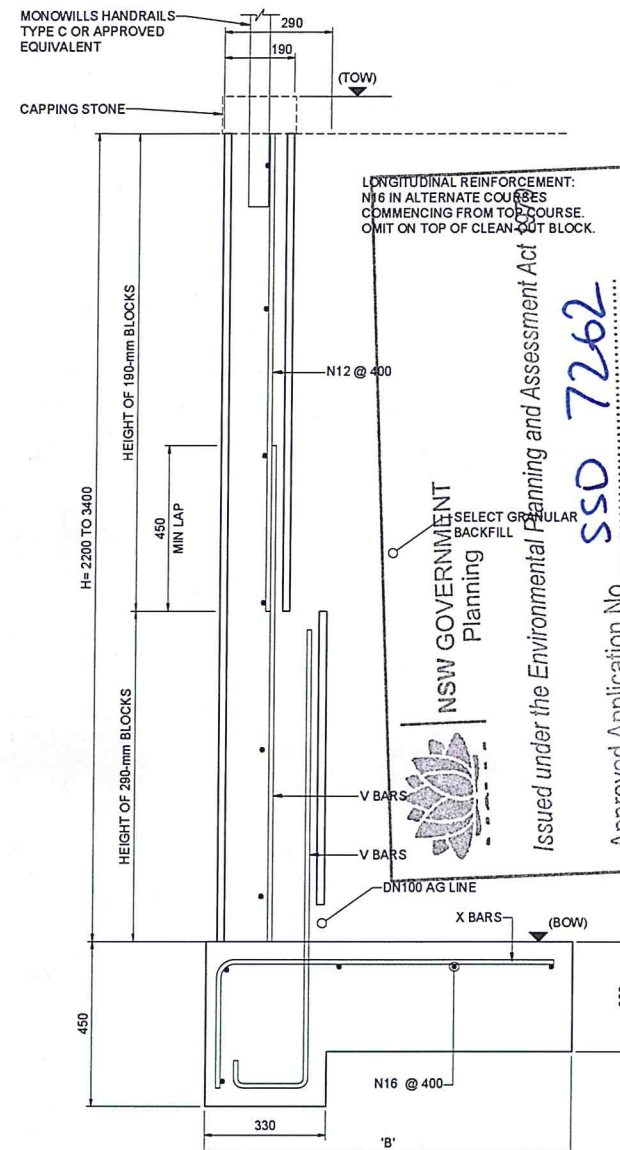
ISSUE:
3



WALL TYPE 1
SCALE 1:10



WALL TYPE 2
SCALE 1:10



WALL TYPE 3
SCALE 1:10

GENERAL NOTES

- RETAINING WALL FOOTINGS SHALL BEAR ON NATIVE SOIL OR ENGINEERED FILL. WHERE NON-ENGINEERED FILL MATERIALS ARE ENCOUNTERED AT THE BOTTOM OF FOOTING EXCAVATIONS, THE EXCAVATIONS SHOULD BE DEEPENED INTO THE UNDERLYING NATIVE MATERIALS AND BACKFILLED WITH ENGINEERED FILL. THE FOUNDATION MATERIAL SHALL BE PREPARED AND COMPACTED IN ORDER TO ACHIEVE A MINIMUM BEARING CAPACITY OF 150kPa. THE FOUNDATION SHOULD BE INSPECTED BY A GEOTECHNICAL ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION OF THE CONCRETE FOOTING.
 - CONCRETE EXPOSURE CLASSIFICATION: U. MINIMUM 28 DAY COMPRESSIVE STRENGTH OF ALL CONCRETE SHALL BE 40MPa.
 - CLEAR COVER TO REINFORCEMENT NEAREST TO THE CONCRETE SURFACE IN FOOTINGS SHALL BE 75mm.
 - LAPS NOT SHOWN ON THE DRAWINGS SHALL BE STAGGERED SO THAT NO MORE THAN 50% OF BARS ARE LAPPED IN ANY ONE CROSS SECTION.
 - UNLESS OTHERWISE SPECIFIED, THE MINIMUM DEVELOPMENT LENGTHS OF LAPS SHALL BE AS FOLLOWS:
- | BAR SIZE: | N12 | N16 | N20 |
|--|-----|-----|-----|
| A. HORIZONTAL BARS WITH >300mm OF CONCRETE CAST BELOW THE BAR: | 400 | 500 | 600 |
| B. OTHER BARS: | 300 | 400 | 500 |
- REINFORCEMENT MAY BE DISPLACED SLIGHTLY WHERE NECESSARY TO CLEAR STEEL POWERS.
 - EDGES SHALL BE CHAMFERED 20x20 AND RE-ENTRANT ANGLES FILLETED 20 x 20 UNLESS SPECIFIED OTHERWISE.
 - GEOTEXTILE FOR DRAINAGE LAYER WRAPPING MUST COMPLY WITH R63. EOS AND FLOW RATE REQUIREMENT DESIGNED FOR D158>75µm.
- | CLASS | EOS | Q | ψ |
|-------|--------|----|------|
| B | ≤250µm | 50 | ≥0.5 |
- | MATERIAL TYPE | ELONGATION | GRAB STRENGTH | TEAR | G RATING |
|--------------------|------------|---------------|------|----------|
| NON WOVEN MATERIAL | ≤30% | 1100N | 400N | 2000 |
- ENGINEERED GRANULAR BACKFILL BEHIND THE RETAINING WALLS SHALL HAVE FINES CONTENT (PERCENT SMALLER THAN 75MICRONS) OF LESS THAN 15%, MINIMUM Ø OF 30 DEGREES, C OF ZERO kPa, AND MINIMUM DRY UNIT WEIGHT OF 18kN/m³. BACKFILL SHALL BE PLACED IN MAXIMUM 300mm LIFTS AND COMPACTED TO MINIMUM 98% STANDARD COMPACTION.
 - COMPACTION OF RETAINING WALL BACKFILL SHALL BE PERFORMED WITH LIGHT COMPACTION EQUIPMENT, SUCH AS A 2 TONNE VIBRATING PLATE COMPACTOR, SUCH THAT THE HORIZONTAL STRESS IMPOSED ON THE WALL BY COMPACTION IS LESS THAN 5 kPa.
 - THE POSTS FOR THE MONOWILLS HANDRAILS TYPE 'C' OR APPROVED EQUIVALENT TO BE FIXED TO THE TOP OF THE RETAINING WALL VIA CORE DRILLING INTO THE TOP OF THE RETAINING WALL TO A MINIMUM CORE DRILL DEPTH OF 160mm.

MASONRY

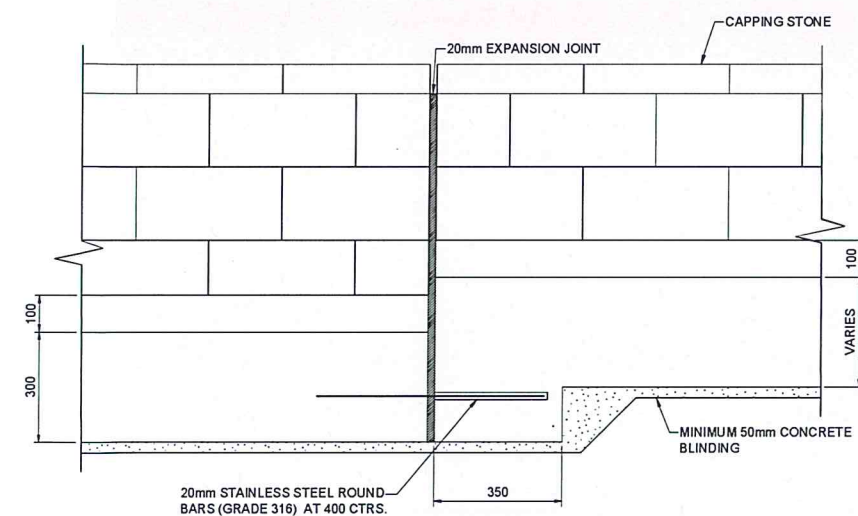
- MASONRY TO BE IN ACCORDANCE WITH AS 3700
- MASONRY UNITS TO HAVE CHARACTERISTIC UNCONFINED COMPRESSIVE STRENGTH F'UC = 15 MPa.
- MORTAR TO MASONRY TO BE C1 : L1 : S6 GENERALLY. LIME CANNOT BE SUBSTITUTED BY CHEMICAL PLASTICISERS.
- EXPANSION JOINTS 10mm WIDE ARE TO BE INCLUDED IN UNBROKEN RUNS OF WALLS NOT EXCEEDING 10 METRES LONG. U.N.O.
- NO HORIZONTAL NOR DIAGONAL CHASING OF WALLS WILL BE ALLOWED. MAXIMUM DEPTH OF VERTICAL CHASING IN CORE FILLED BLOCKWORK ONLY TO BE 20mm. CHASING OF LOAD BEARING MASONRY SHALL ONLY BE PERMITTED WHERE SHOWN ON THE STRUCTURAL ENGINEERING DRAWINGS.
- MORTAR TO ALL RETAINING WALLS AND LOAD BEARING MASONRY BELOW GROUND OR FLOOR LEVEL TO BE C1 : L0.5 : S4.5.

CORE FILLING

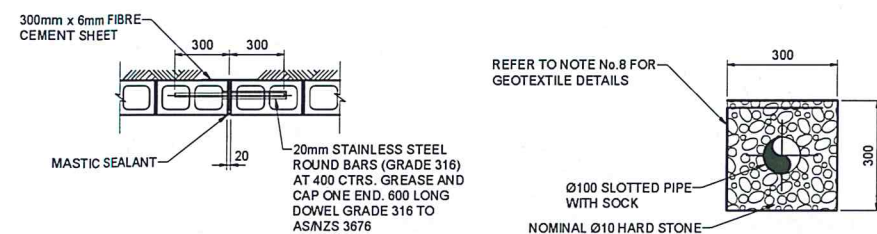
- GROUT FOR CORE FILLING, WHERE REQUIRED, SHALL HAVE A NOMINAL COMPOSITION OF C1 : S3 : A2 (10mm COARSE AGGREGATE), THE GROUT SHALL HAVE A SLUMP OF 230mm AND COMPRESSIVE STRENGTH F'C = 15 MPa. MINIMUM.
- WALLS TO BE FULL HEIGHT BEFORE GROUTING CORES.
- CLEANOUT OPENINGS TO BE PROVIDED AT BOTTOM COURSE IN ALL CORES.
- BEFORE PLACING VERTICAL REINFORCEMENT, IF ANY, CORES ARE TO BE CLEANED OF ALL MORTAR FINS AND DROPPINGS THROUGH CLEANOUT OPENINGS WHICH ARE NOT TO BE CLOSED UNTIL INSPECTED BY A REGISTERED ENGINEER.
- GROUT TO BE RODDED TO ENSURE FILLING OF CORES.
- MAXIMUM CONTINUOUS POUR HEIGHT OF GROUT TO BE 3600mm.

LEGEND

BW BOTTOM OF WALL
TW TOP OF WALL
FSL FINISHED SURFACE LEVEL
H HEIGHT
L LENGTH



**CHANGE OF FOOTING DEPTH
EXPANSION JOINT**
SCALE 1:10



**TYPICAL BLOCKWORK DOWELED
EXPANSION JOINT - (MAX 16m SPACING)**
SCALE 1:20

NOTE: REINFORCEMENT NOT SHOWN FOR CLARITY

WALL DRAIN DETAIL
SCALE 1:10

BASE DIMENSIONS	
WALL HEIGHT H (mm)	5 kPa SURCHARGE, NO SLOPE
800	800
1000	900
1200	1000
1400	1100
1600	1200
1800	1400
2000	1600
2200	1800
2400	2000
2600	2100
2800	2200
3000	2400
2300	2600
2400	2800

REINFORCEMENT DETAILS					
TOTAL WALL HEIGHT H (mm)	HEIGHT (mm) IN			BARS	
	140-mm BLOCKS	190-mm BLOCKS	290-mm BLOCKS	X AND V	K
800	800	-	-	N12 @ 400	-
1000	1000	-	-	N12 @ 400	-
1200	1200	-	-	N12 @ 400	-
1400	-	1400	-	N16 @ 400	-
1600	-	1600	-	N16 @ 400	-
1800	-	1800	-	N16 @ 400	-
2000	-	2000	-	N20 @ 400	-
2200	-	1400	800	N16 @ 400	N16 @ 400
2400	-	1600	800	N16 @ 400	N16 @ 400
2600	-	1600	1000	N20 @ 400	N20 @ 400
2800	-	1800	1000	N16 @ 200	N16 @ 200
3000	-	2000	1000	N16 @ 200	N16 @ 200
3200	-	2000	1200	N20 @ 200	N20 @ 200
3400	-	2000	1400	N20 @ 200	N20 @ 200

WESTMEAD HOSPITAL REDEVELOPMENT
MSCP
STRUCTURAL DESIGN BY:
ARUP
LEVEL 10, 201 KENT STREET, SYDNEY, NSW, 2000
PO BOX 76, MILLERS POINT, NSW, 2000
PH (02) 9320 9320 FAX (02) 9320 9321

SIGNATURE ** REFER BELOW
IEA No ???????
NAME ???????

** FOR ORIGINAL APPROVAL SIGNATURE REFER DRAWING ISSUE ???????

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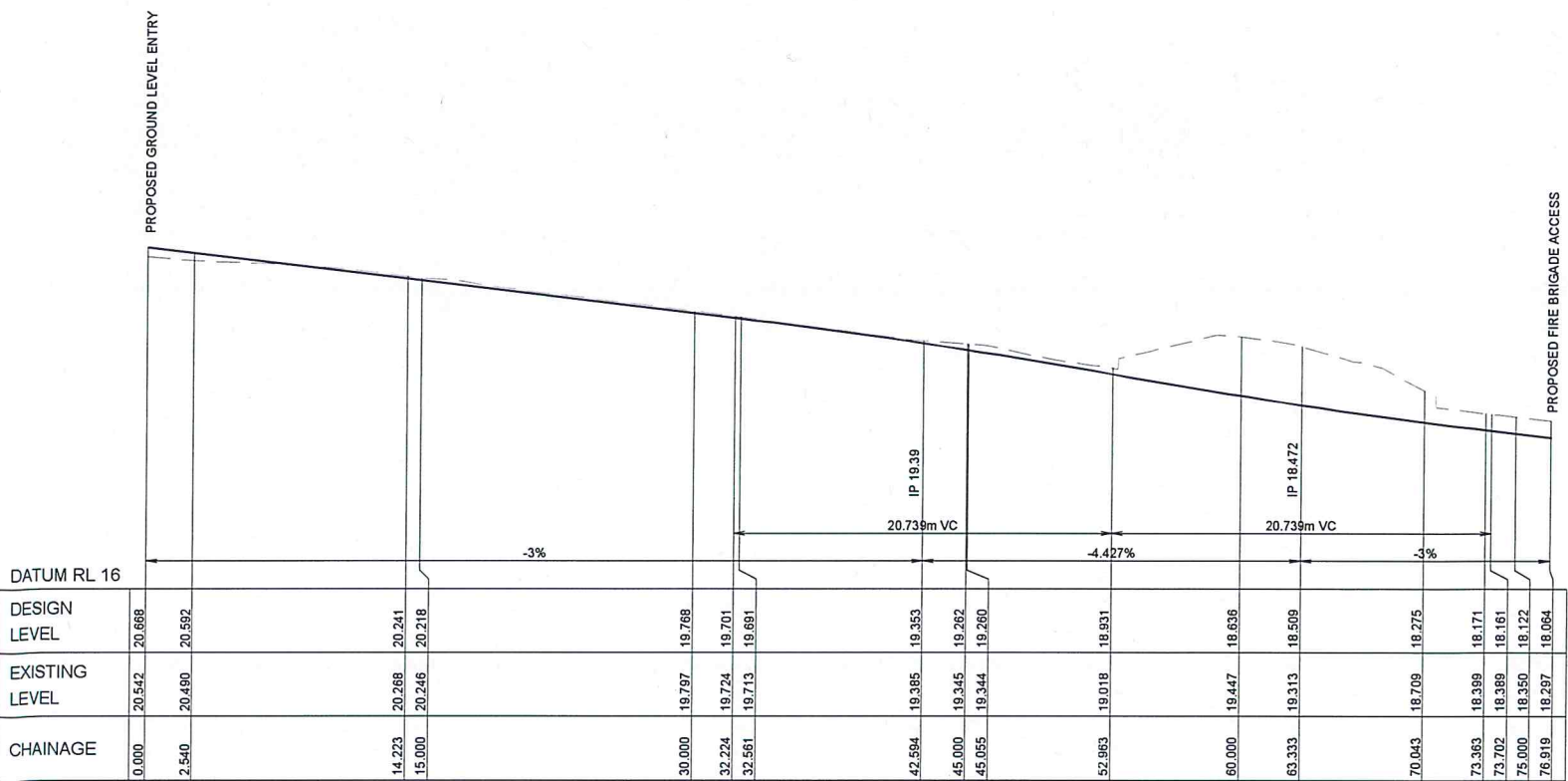
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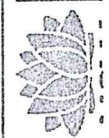
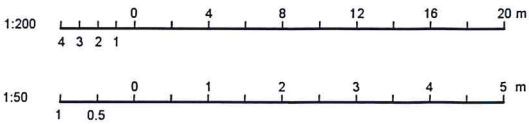
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RETAINING WALL
DETAILS
SCALE 1:200
DOWNS NUMBER 5335
PROJECT NUMBER 236482
DRAWING NUMBER MSC-ARP-CV-DG-4255
ISSUE 3



LANDSCAPED DRAINAGE SWALE (MD10)
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



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DRAWING TITLE
DRAINAGE
LONGITUDINAL SECTION

SCALE
1:200

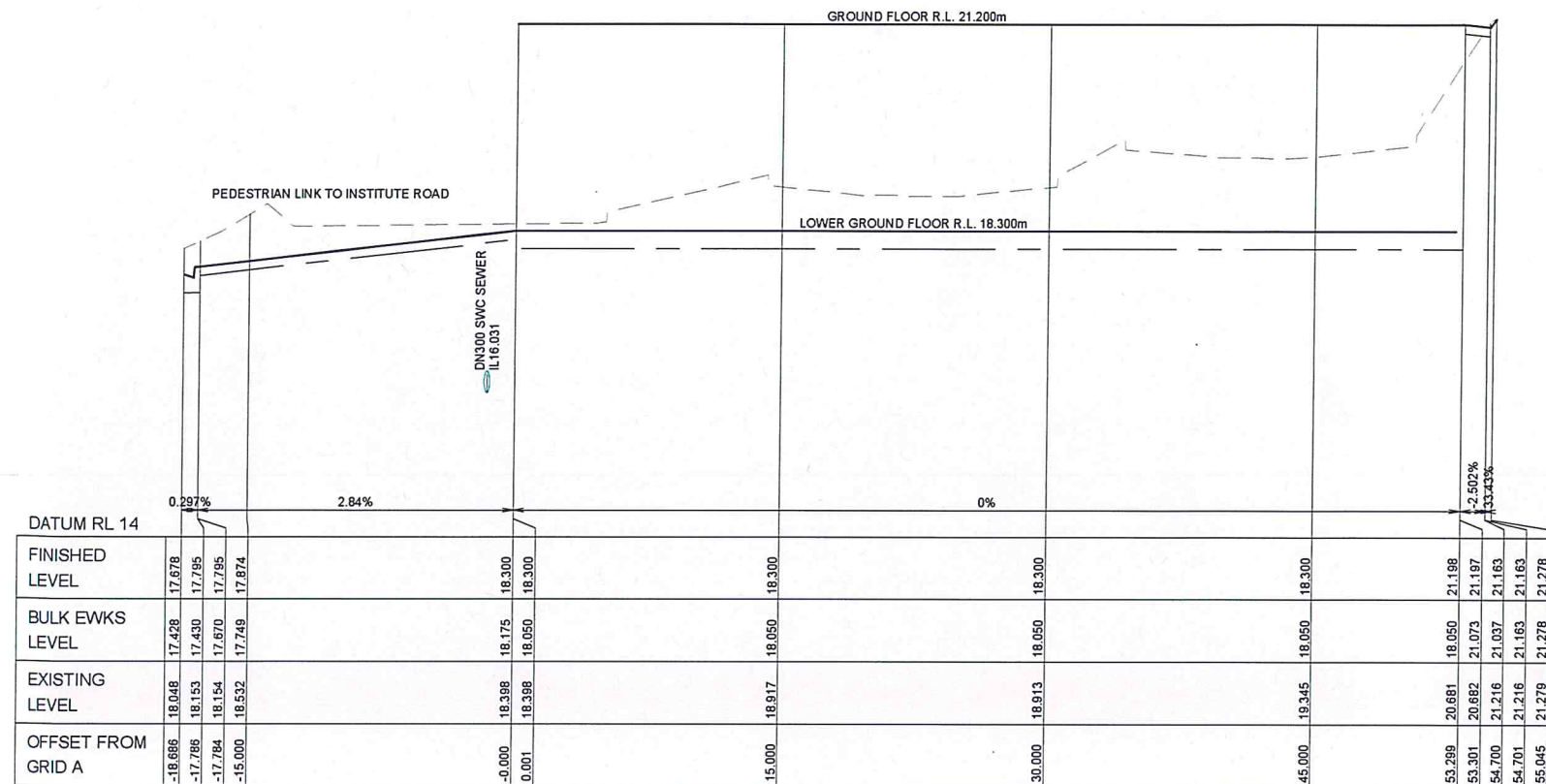
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5335

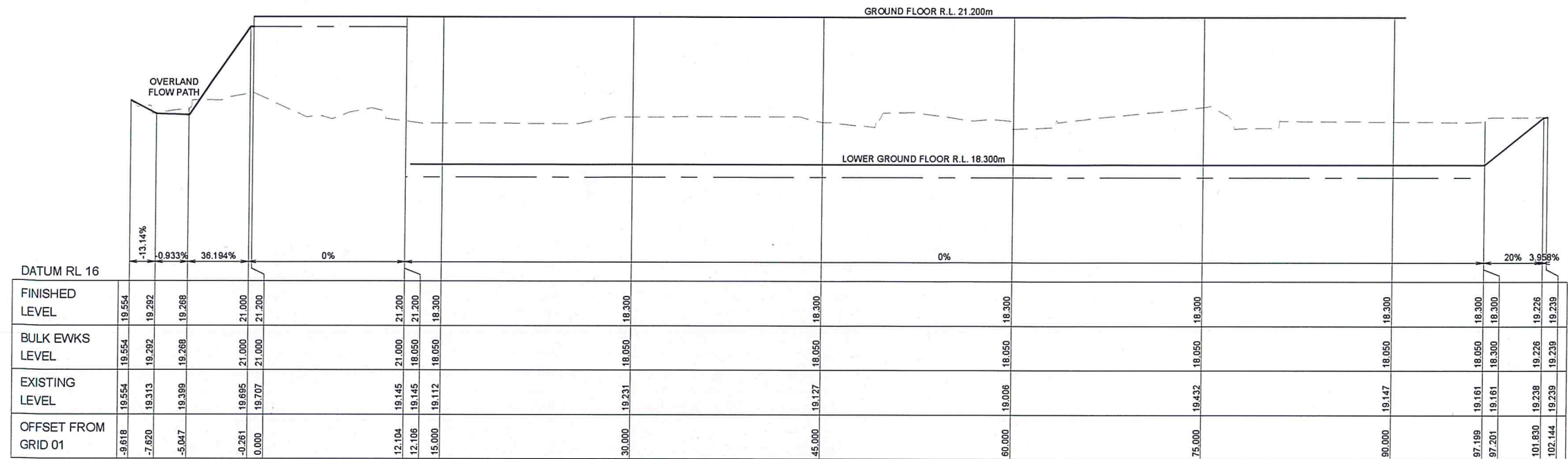
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236482

DRAWING NUMBER
MSC-ARP-CV-DG-4300

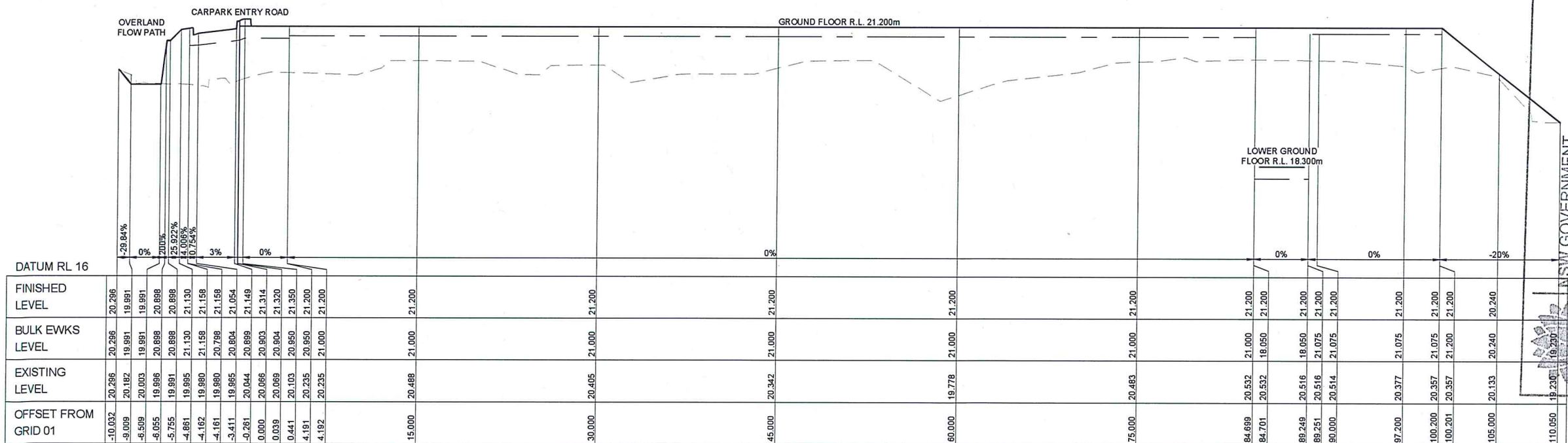
CHECKED
KJS

ISSUE
3





CPE
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50



CPH
LONGITUDINAL SECTION
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:50

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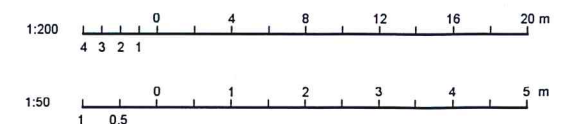
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REV	DESCRIPTION	DRAWN	CHECK	DATE
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DRAWING TITLE:
BULK EARTHWORKS
LONGITUDINAL SECTIONS
SHEET 3 OF 3

SCALE: 1:200

DOWNS NUMBER: **5335**

PROJECT NUMBER: **236482**

DRAWING NUMBER: **MSC-ARP-CV-DG-4157**

ISSUE: **3**

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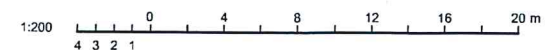
Approved Application No. SSD 7262

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Signed.....

Sheet No. 52 of 62

1. FOR GENERAL LEGEND OF DRAWINGS REFER TO DRAWING No. MSC-ARP-CV-DG-4002.
2. FOR GENERAL NOTES REFER TO DRAWING No. MSC-ARP-CV-DG-4003.
3. ALL STORMWATER PIPES Ø375 AND GRADED @ 1% U.N.O.



REV	DESCRIPTION	DRAWN	CHECK	DATE
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PROJECT MANAGER

PRICE WATERHOUSE
COOPERS

Darling Park Tower :
201 Sussex St



	LEAD ARCHITECT
--	----------------

HDR | RD + MSJ

Lvl 1, 110 Walker Street
Albion, Queensland 4010, Australia



Arup, Level 10, 201 Kent St
Sydney, NSW, 2000
Tel +61(02)9320 9320 Fax +61(02)9320 9321
www.arup.com.au



DARCY ROAD MULTI STOREY CAR PARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145



WESTMEAD HOSPITAL REDEVELOPMENT
Building health. Transforming lives.

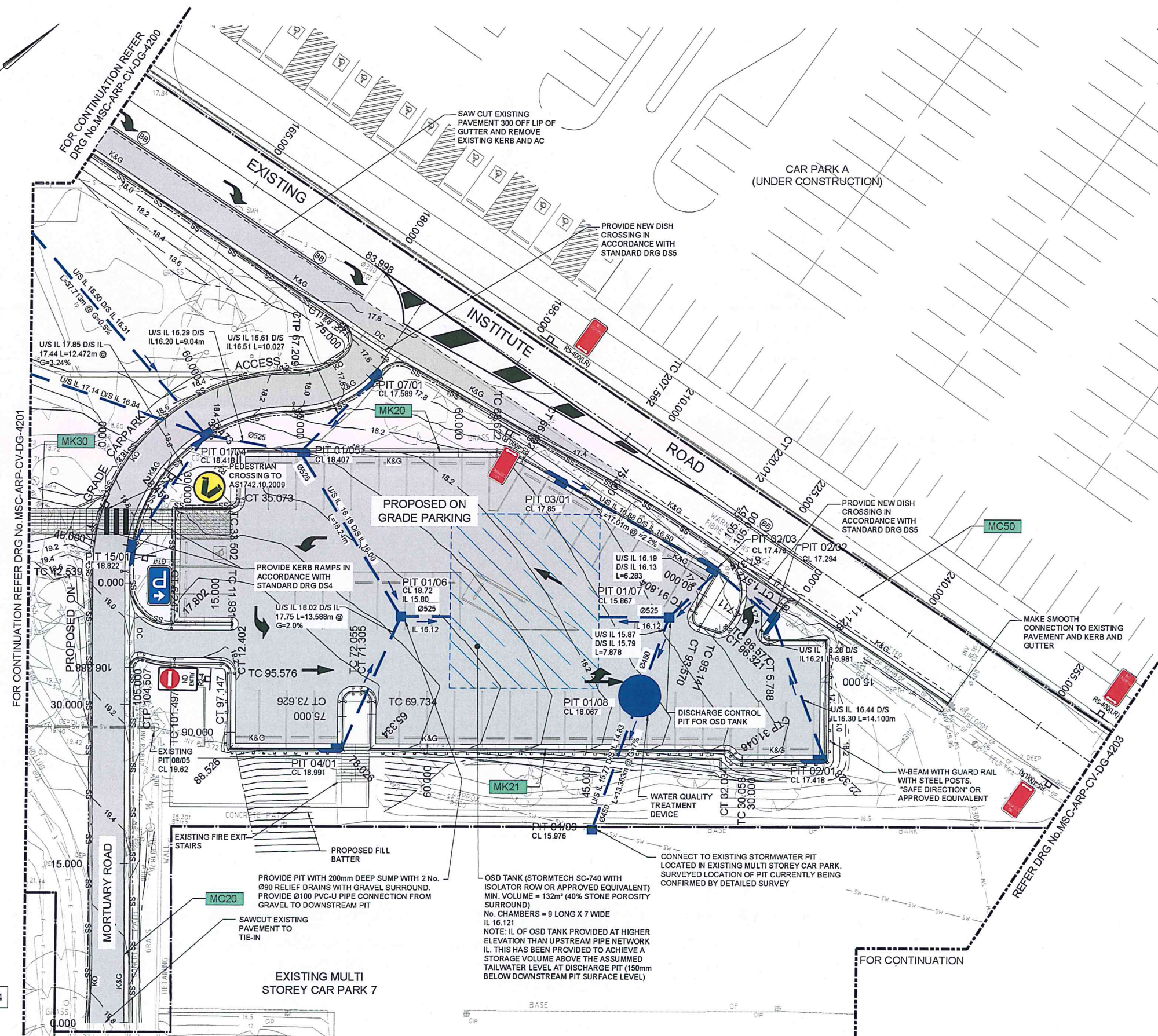
DRAWING TITLE
ROADWORKS AND DRAINAGE
PLAN
SHEET 2 OF 4

SCALE: 1:200 DOWNS NUMBER: 5335

PROJECT NUMBER: 236482 DRAWING NUMBER: MSC-ARP-CV-DG-4201 ISSUE: 3

NOTES

1. FOR GENERAL LEGEND REFER TO DRAWING NO. MSC-ARP-CV-DG-4002.
2. FOR GENERAL NOTES REFER TO DRAWING NO. MSC-ARP-CV-DG-4003.
3. ALL STORMWATER PIPES Ø375 U.N.O. AND GRADED @ 1% UNO.



1 OF 4	3 OF 4	4 OF 4
2 OF 4		

SHEET INDEX

NSW GOVERNMENT
Planning

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Approved Application No. **SSD 7262**

granted on the **25/05/16**

Signed *[Signature]*

Sheet No. **53** of **62**

REV	DESCRIPTION	DRAWN	CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC	KJS	18/11/2015
2	ISSUE FOR TENDER	ADC	KJS	26/11/2015
3	ISSUE FOR TENDER	ADC	KJS	15/01/2016

FOR TENDER
NOT FOR CONSTRUCTION

NSW HEALTH
INFRASTRUCTURE

NSW Health Infrastructure

Level 6, 77 Pacific Highway
North Sydney NSW 2060

P: (02) 9979 5477
F: (02) 9904 1377
www.health.nsw.gov.au

PRICE WATERHOUSE
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HDR | RD + MSJ

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www.arup.com.au

CONSULT AUSTRALIA

Member Firm
Anup Pty Ltd
ABN 18 000 965 165

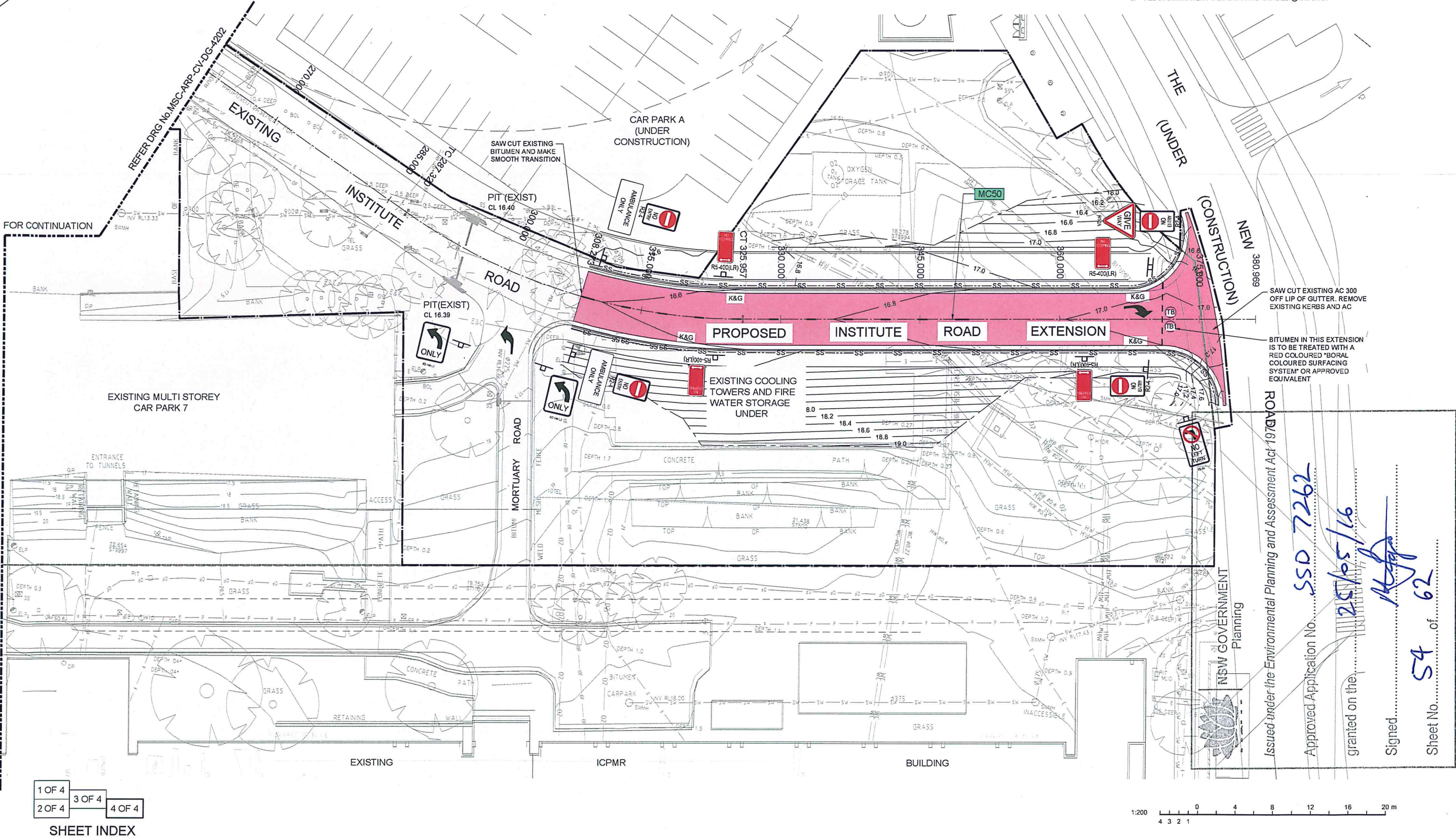
DARCY ROAD MULTI STOREY CAR PARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145

WESTMEAD HOSPITAL REDEVELOPMENT
Building health. Transforming lives.

DRAWING TITLE	ROADWORKS AND DRAINAGE PLAN
DRAWING NUMBER	5335
PROJECT NUMBER	236482
DRAWING NUMBER	MSC-ARP-CV-DG-4202
CHECKED	KJS
ISSUE	

NOTES

1. FOR GENERAL LEGEND REFER TO DRAWING NO. MSC-ARP-CV-DG-4202.
2. FOR GENERAL NOTES REFER TO DRAWING NO. MSC-ARP-CV-DG-4003.
3. ALL STORMWATER PIPES Ø375 AND GRADED @ 1% UNO.



NSW GOVERNMENT
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Approved Application No. **SSD 7262**
granted on the **25/05/16**

Signed **[Signature]**
Sheet No. **54** of **62**

REV	DESCRIPTION	DRAWN	CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC	KJS	18/11/2015
2	ISSUE FOR TENDER	ADC	KJS	26/11/2015
3	ISSUE FOR TENDER	ADC	KJS	15/01/2016

FOR TENDER
NOT FOR CONSTRUCTION

CLIENT:
NSW HEALTH INFRASTRUCTURE

Level 6, 77 Pacific Highway
North Sydney NSW 2060

NSW Health Infrastructure

P: (02) 9978 5427
F: (02) 9004 1377
www.health.nsw.gov.au

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PRICE WATERHOUSE COOPERS

Darling Park Tower 2
251 Sussex St
Sydney NSW 2000

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ABN 18 000 966 165

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Westmead NSW 2145

WESTMEAD HOSPITAL REDEVELOPMENT
Building health. Transforming lives.

DRAWING TITLE:
ROADWORKS AND DRAINAGE PLAN
SHEET 4 OF 4

SCALE:
1:200

DOWNS NUMBER:
5335

PROJECT NUMBER:
236482

DRAWING NUMBER:
MSC-ARP-CV-DG-4203

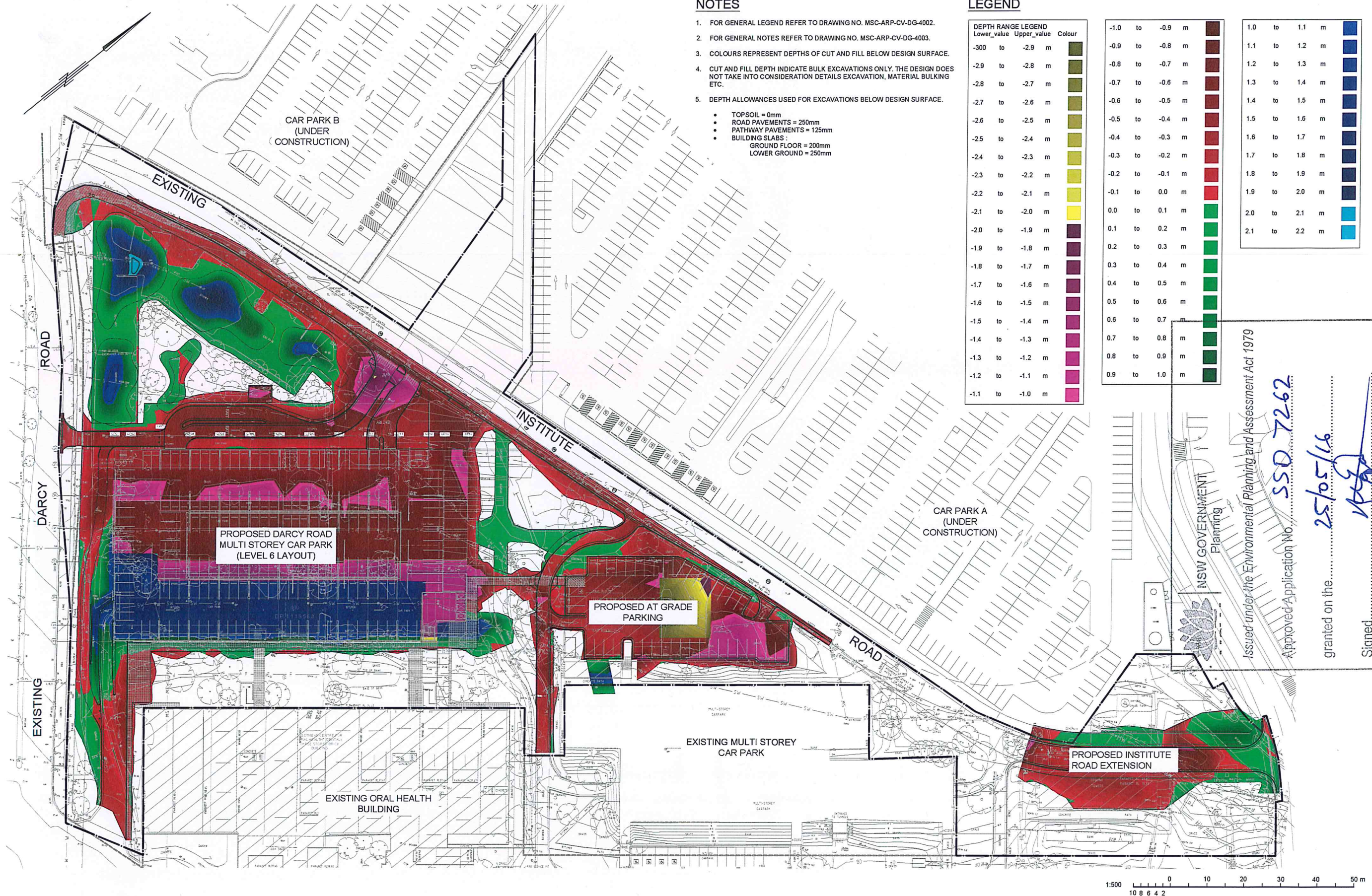
ISSUE:
3

NOTES

- FOR GENERAL LEGEND REFER TO DRAWING NO. MSC-ARP-CV-DG-4002.
- FOR GENERAL NOTES REFER TO DRAWING NO. MSC-ARP-CV-DG-4003.
- COLOURS REPRESENT DEPTHS OF CUT AND FILL BELOW DESIGN SURFACE.
- CUT AND FILL DEPTH INDICATE BULK EXCAVATIONS ONLY. THE DESIGN DOES NOT TAKE INTO CONSIDERATION DETAILS EXCAVATION, MATERIAL BULKING ETC.
- DEPTH ALLOWANCES USED FOR EXCAVATIONS BELOW DESIGN SURFACE.
 - TOPSOIL = 0mm
 - ROAD PAVEMENTS = 250mm
 - PATHWAY PAVEMENTS = 125mm
 - BUILDING SLABS:
 - GROUND FLOOR = 200mm
 - LOWER GROUND = 250mm

LEGEND

DEPTH RANGE LEGEND		Colour
Lower_value	Upper_value	
-300	-2.9	
-2.9	-2.8	
-2.8	-2.7	
-2.7	-2.6	
-2.6	-2.5	
-2.5	-2.4	
-2.4	-2.3	
-2.3	-2.2	
-2.2	-2.1	
-2.1	-2.0	
-2.0	-1.9	
-1.9	-1.8	
-1.8	-1.7	
-1.7	-1.6	
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-1.5	-1.4	
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-1.2	-1.1	
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-1.0	-0.9	
-0.9	-0.8	
-0.8	-0.7	
-0.7	-0.6	
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-0.5	-0.4	
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0.6	0.7	
0.7	0.8	
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1.1	1.2	
1.2	1.3	
1.3	1.4	
1.4	1.5	
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1.6	1.7	
1.7	1.8	
1.8	1.9	
1.9	2.0	
2.0	2.1	
2.1	2.2	



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Planning
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Approved Application No. **SSD 7262**

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Signed **[Signature]**

Sheet No. **55** of **62**

REV	DESCRIPTION	DRAWN	CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC	MBK	18/11/2015
2	ISSUE FOR TENDER	ADC	MBK	28/11/2015
3	ISSUE FOR TENDER	ADC	MBK	15/01/2016

FOR TENDER
NOT FOR CONSTRUCTION

CLIENT:
NSW HEALTH INFRASTRUCTURE
Level 6, 77 Pacific Highway
North Sydney NSW 2060

NSW Health Infrastructure

P: (02) 9978 5427
F: (02) 9904 1377
www.health.nsw.gov.au

PROJECT MANAGER:
PRICE WATERHOUSE COOPERS

pwc

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F: (02) 8266 9999
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Arup Pty Ltd
ABN 18 000 965 165

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Cnr Institute Road and Darcy Road
Westmead NSW 2145

WESTMEAD HOSPITAL REDEVELOPMENT
Building health. Transforming lives.

DRAWING TITLE:
BULK EARTHWORKS CUT AND FILL PLAN

SCALE: 1:500
DRAWING NUMBER: **5335**
PROJECT NUMBER: **236482**
DRAWING NUMBER: **MSC-ARP-CV-DG-4150**
ISSUE: **3**

NOTES

- FOR GENERAL LEGEND REFER TO DRAWING NO. MSC-ARP-CV-DG-4002.
- FOR GENERAL NOTES REFER TO DRAWING NO. MSC-ARP-CV-DG-4003.

CAR PARK B
(UNDER CONSTRUCTION)

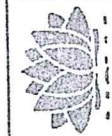
EXISTING OPTICAL FIBRE
IS AREA

PROPOSED LANDSCAPED AREA

INSTITUTE

CAR PARK A
(UNDER CONSTRUCTION)

NSW GOVERNMENT
Planning



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Approved Application No. **SSD 7262**

granted on the **25/05/14**

Signed **[Signature]**

Sheet No. **56** of **62**

ROAD

FOR CONTINUATION REFER DRG No. MSC-ARP-CV-DG-4153

1 OF 4
2 OF 4
3 OF 4
4 OF 4
SHEET INDEX

FOR CONTINUATION REFER DRG No. MSC-ARP-CV-DG-4152

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REV	DESCRIPTION	DRAWN	CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC	MBK	18/11/2015
2	ISSUE FOR TENDER	ADC	MBK	28/11/2015
3	ISSUE FOR TENDER	ADC	MBK	15/01/2016

FOR TENDER
NOT FOR CONSTRUCTION

CLIENT
NSW HEALTH
INFRASTRUCTURE

NSW Health Infrastructure

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F: (02) 9904 1377
www.health.nsw.gov.au

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PwC

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CONSULT AUSTRALIA

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ABN 18 000 965 165

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WESTMEAD HOSPITAL REDEVELOPMENT
Building health. Transforming lives.

DRAWING TITLE
BULK EARTHWORKS
CONTOUR PLAN
SHEET 1 OF 4

SCALE
1:500

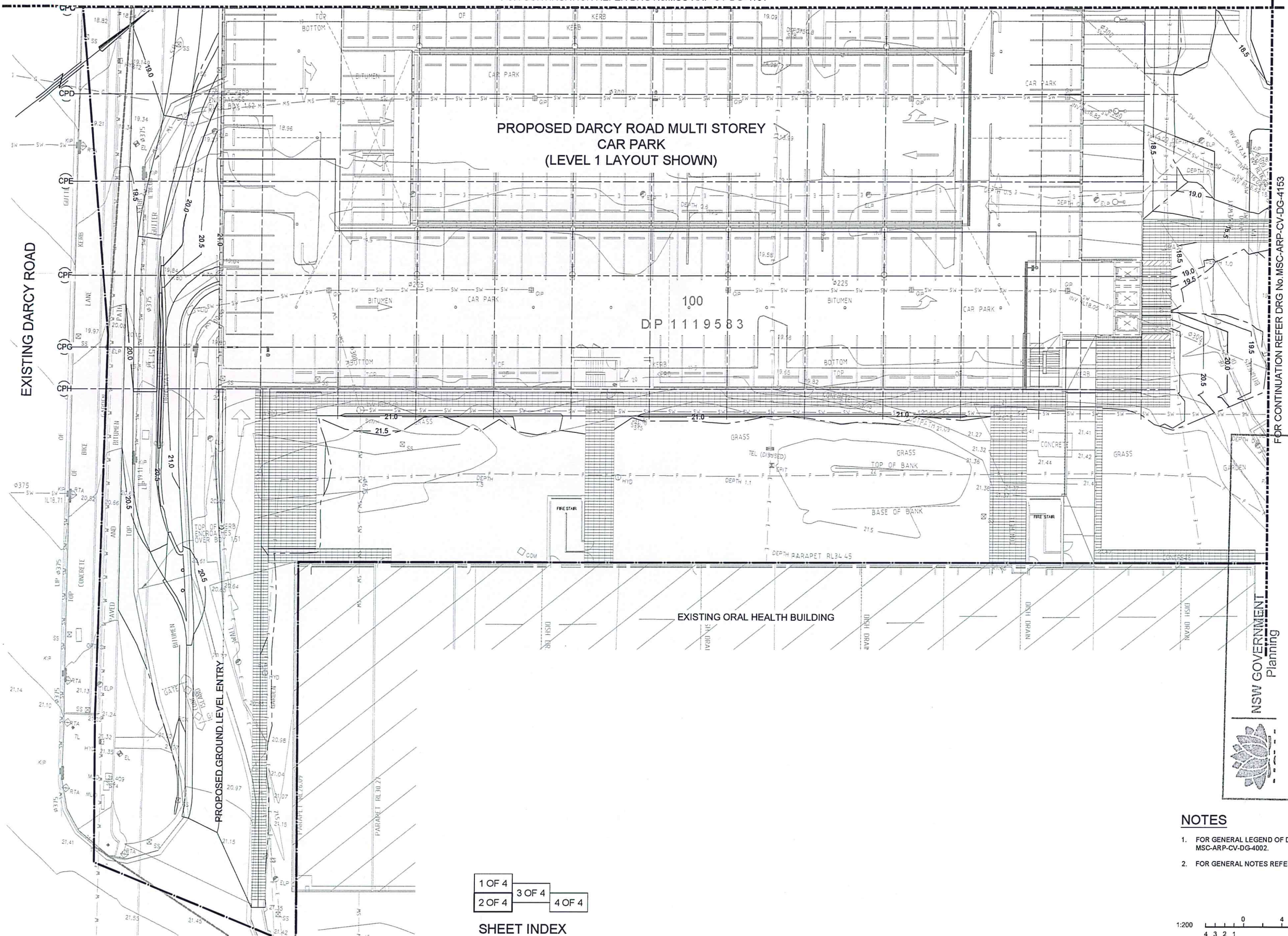
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5335

PROJECT NUMBER
236482

DRAWING NUMBER
MSC-ARP-CV-DG-4151 3

CHECKED
MBK

ISSUE



FOR CONTINUATION REFER DRG No.MSC-ARP-CV-DG-4153



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Approved Application No. **SSD 7262**granted on the **25/05/16**Signed **[Signature]**Sheet No. **57** of **62****NOTES**

- FOR GENERAL LEGEND OF DRAWINGS REFER TO DRAWING No. MSC-ARP-CV-DG-4002.
- FOR GENERAL NOTES REFER TO DRAWING No. MSC-ARP-CV-DG-4003.

1:200 0 4 8 12 16 20 m
4 3 2 1

REV	DESCRIPTION	DRAWN/CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC MBK	18/11/2015
2	ISSUE FOR TENDER	ADC MBK	26/11/2015
3	ISSUE FOR TENDER	ADC MBK	15/01/2016

**FOR TENDER
NOT FOR CONSTRUCTION**

CLIENT

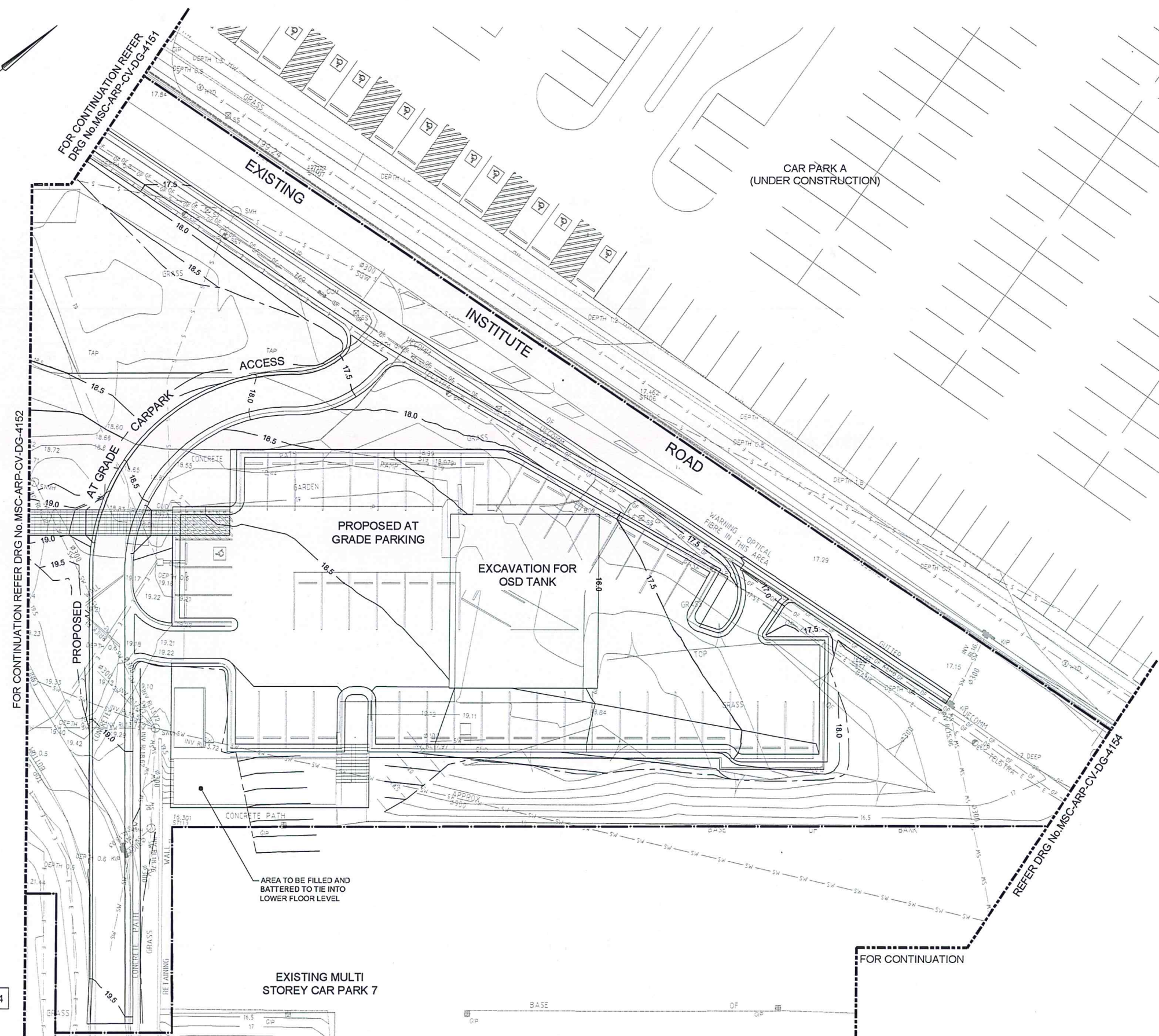
NSW HEALTH
INFRASTRUCTURELevel 6, 77 Pacific Highway
North Sydney NSW 2060P: (02) 9978 5477
F: (02) 9984 1377
www.health.nsw.gov.au

PROJECT MANAGER

PRICE WATERHOUSE
COOPERSDarling Park Tower 2
201 Sussex St
Sydney NSW 2000

LEAD ARCHITECT

HDR | RD + MSJP: (02) 8266 0000
F: (02) 8266 9999
www.pwc.com.auLvl 1, 110 Walker Street
North Sydney NSW 2060P: (02) 9956 2666
F: (02) 9959 3015
askind@dricksondesign.com**ARUP**Arup, Level 10, 201 Kent St
Sydney NSW, 2000
Tel +61(02)9320 9320 Fax +61(02)9320 9321
www.arup.com.auDARCY ROAD MULTI STOREY CAR PARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145**WESTMEAD HOSPITAL REDEVELOPMENT**
Building health. Transforming lives.DRAWING TITLE
**BULK EARTHWORKS
CONTOUR PLAN
SHEET 2 OF 4**SCALE: 1:500 DRAWING NUMBER: **5335**PROJECT NUMBER: **236482** DRAWING NUMBER: **MSC-ARP-CV-DG-4152** 3



- NOTES**
1. FOR GENERAL LEGEND REFER TO DRAWING NO. MSC-ARP-CV-DG-4002.
 2. FOR GENERAL NOTES REFER TO DRAWING NO. MSC-ARP-CV-DG-4003.

SHEET INDEX

1 OF 4	3 OF 4	4 OF 4
2 OF 4		

NSW GOVERNMENT
Planning

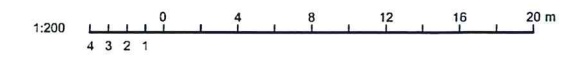
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Approved Application No. **SSD 7262**

granted on the **25/05/16**

Signed **[Signature]**

Sheet No. **58** of **62**



REV	DESCRIPTION	DRAWN	CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC	MBK	18/11/2015
2	ISSUE FOR TENDER	ADC	MBK	26/11/2015
3	ISSUE FOR TENDER	ADC	MBK	15/01/2016

FOR TENDER
NOT FOR CONSTRUCTION

CLIENT:
NSW HEALTH INFRASTRUCTURE

Level 6, 77 Pacific Highway
North Sydney NSW 2060

PROJECT MANAGER:
PRICE WATERHOUSE COOPERS

281 Sussex St
Sydney NSW 2000

LEAD ARCHITECT:
HDR | RD + MSJ

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CONSULT AUSTRALIA
Member Firm
Anup Pty Ltd
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DARCY ROAD MULTI STOREY CAR PARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145

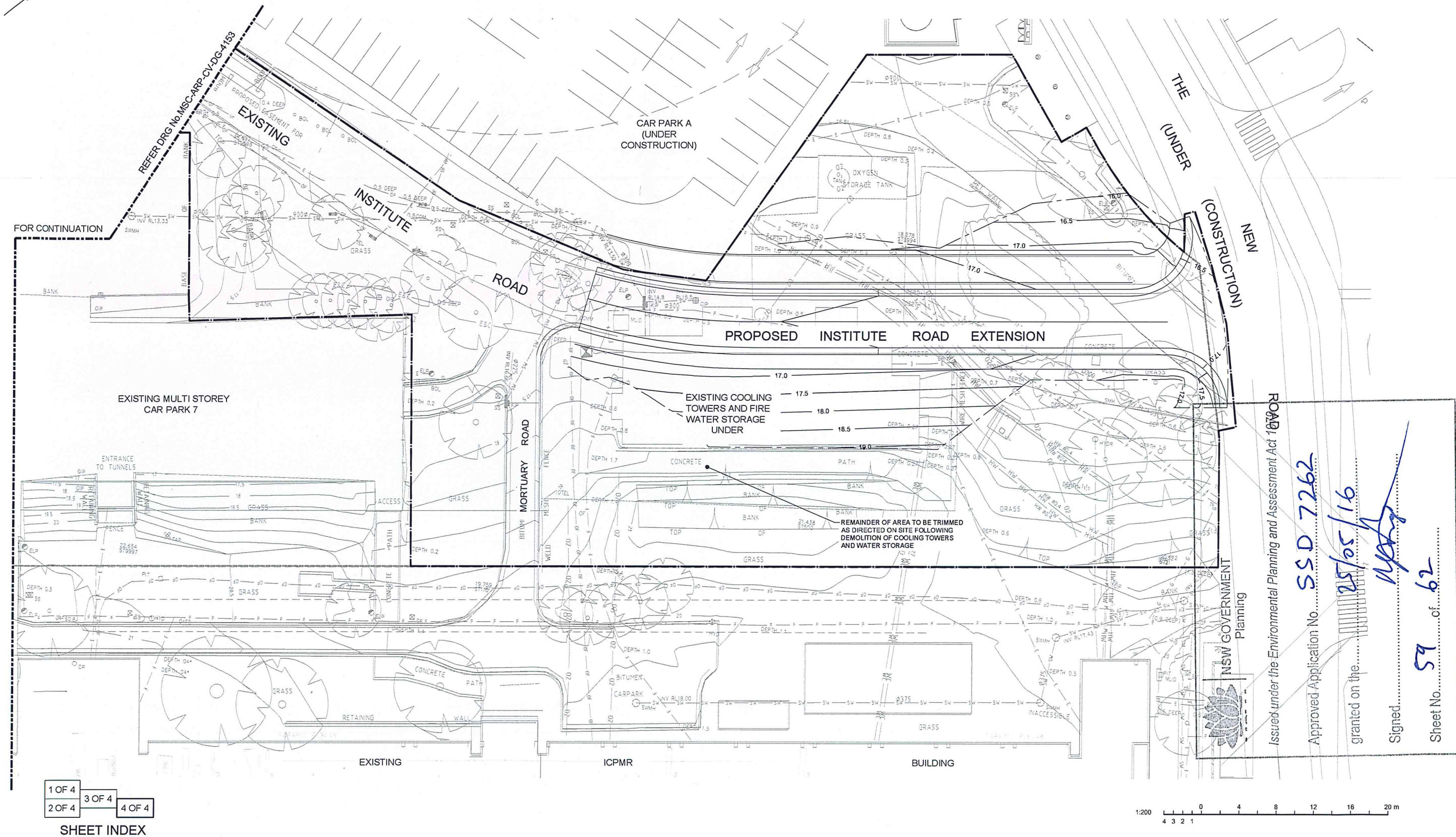
DRAWING TITLE:
**BULK EARTHWORKS
CONTOUR PLAN
SHEET 3 OF 4**

SCALE: 1:500
DOHS NUMBER: **5335**
PROJECT NUMBER: **236482**
DRAWING NUMBER: **MSC-ARP-CV-DG-4153 3**

ISSUE: MBK

NOTES

1. FOR GENERAL LEGEND REFER TO DRAWING NO. MSC-ARP-CV-DG-4002.
2. FOR GENERAL NOTES REFER TO DRAWING NO. MSC-ARP-CV-DG-4003.



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granted on the **25/05/16**

Signed **[Signature]**

Sheet No. **59** of **62**



SHEET INDEX
1 OF 4
2 OF 4
3 OF 4
4 OF 4

REV	DESCRIPTION	DRAWN	CHECK	DATE
1	ISSUE FOR R/D REVIEW	ADC	MBK	18/11/2015
2	ISSUE FOR TENDER	ADC	MBK	26/11/2015
3	ISSUE FOR TENDER	ADC	MBK	15/01/2016

FOR TENDER
NOT FOR CONSTRUCTION

CLIENT:
NSW HEALTH INFRASTRUCTURE
Level 6, 77 Pacific Highway
North Sydney NSW 2060

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DARCY ROAD MULTI STOREY CAR PARK
Cnr Institute Road and Darcy Road
Westmead NSW 2145

WESTMEAD HOSPITAL REDEVELOPMENT
Building health. Transforming lives.

DRAWING TITLE:
BULK EARTHWORKS CONTOUR PLAN SHEET 4 OF 4

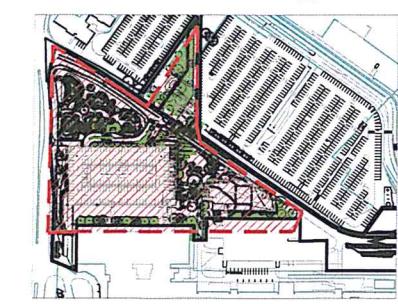
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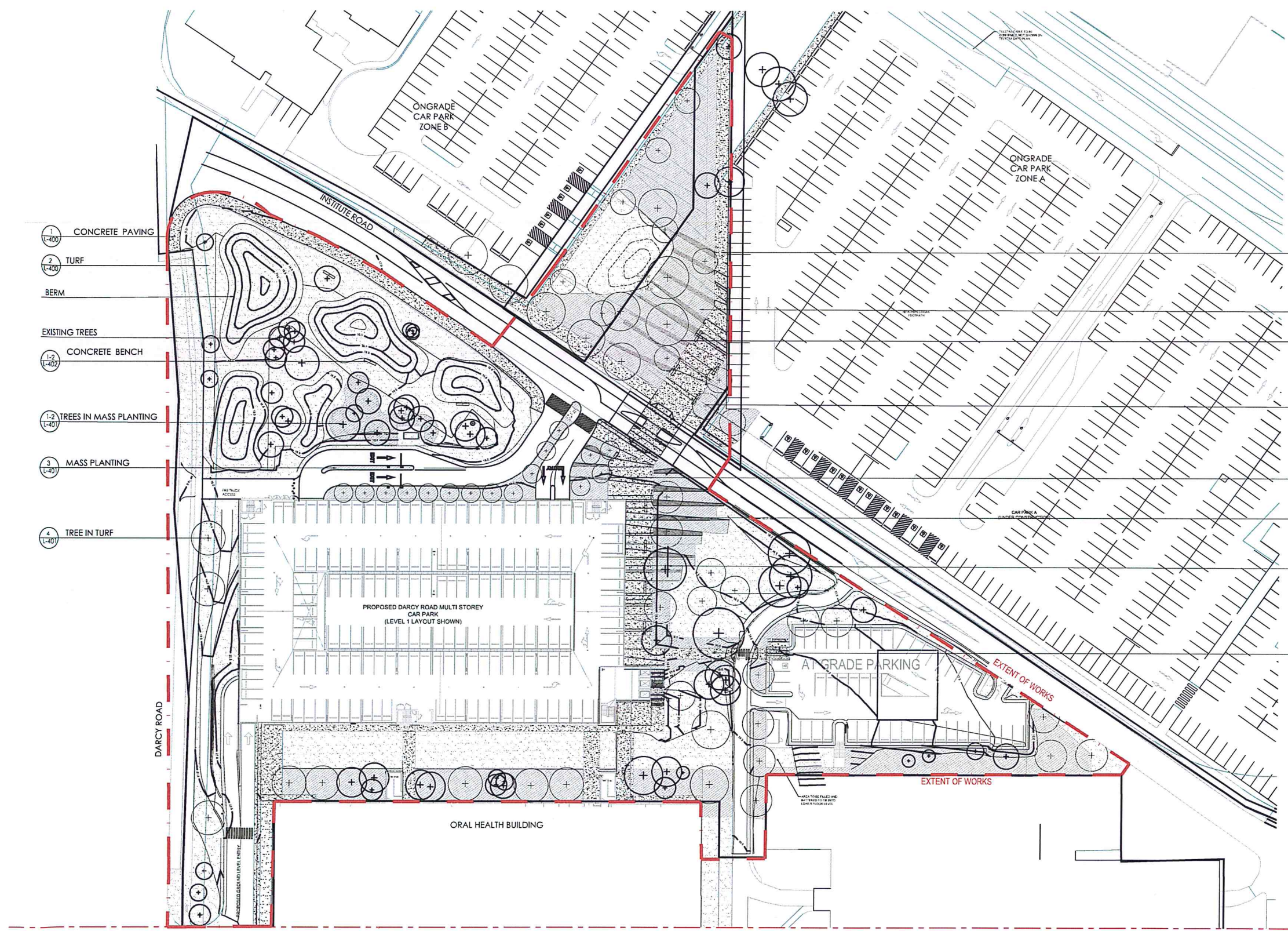
PROJECT NUMBER: **236482**

DRAWING NUMBER: **MSC-ARP-CV-DG-4154**

ISSUE: **3**



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- 1 CONCRETE PAVING (1:400)
- 2 TURF (1:400)
- BERM
- EXISTING TREES
- 1-2 CONCRETE BENCH (1:400)
- 1-2 TREES IN MASS PLANTING (1:400)
- 3 MASS PLANTING (1:400)
- 4 TREE IN TURF (1:400)

- CONCRETE PAVING (1:400)
- MASS PLANTING (3:400)
- DECOMPOSED GRANITE (5:400)
- TREE IN MASS PLANTING (1:2:400)
- CONCRETE PAVING (1:400)
- DECOMPOSED GRANITE (5:400)
- MASS PLANTING (3:400)
- CONCRETE PAVING (1:400)

NSW GOVERNMENT
Planning

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Approved Application No. **SS.D 7262**

granted on the **25/05/16**

Signed **[Signature]**

Sheet No. **60** of **62**

REV	DESCRIPTION	DRAWN	CHECK	DATE
1	PRELIMINARY ISSUE	LV	AL	18/11/2015
2	ISSUED FOR RECORD	LV	AL	27/11/2015
3	ISSUED FOR TENDER	LV	AL	14/12/2015
4	ISSUED FOR TENDER	LV	AL	01/02/2016
5	ISSUED FOR TENDER	LV	AL	02/02/2016
6	ISSUED FOR TENDER	LV	AL	11/02/2016
7	ISSUED FOR TENDER	LV	AL	24/05/2016

FOR TENDER
NOT FOR CONSTRUCTION

CLIENT:

NSW HEALTH
INFRASTRUCTURE

NSW Health
Infrastructure

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PROJECT MANAGER:

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pwc

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Cnr Hawkesbury Road and Darcy Road
Westmead NSW 2145

WESTMEAD HOSPITAL REDEVELOPMENT
Building health. Transforming lives.

DRAWING TITLE:

SURFACE MATERIALS, FINISHES AND
LEVELS PLAN

SCALE: 1:500

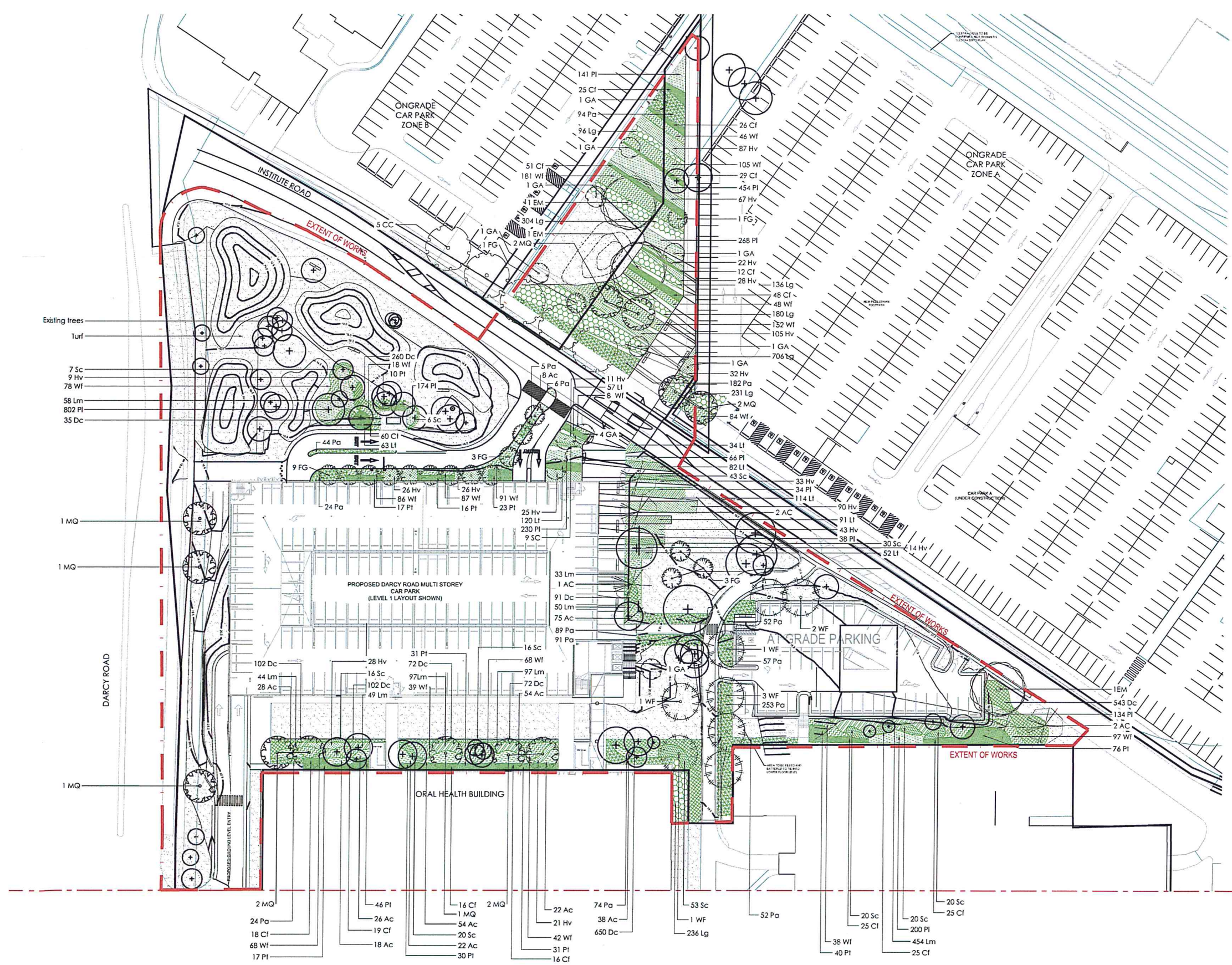
DRAWING NUMBER: **5335**

PROJECT NUMBER: **S14-038 MSC-OCU-LS-DG-201**

ISSUE: **7**



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NSW GOVERNMENT
Planning

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Approved Application No. **SSD 7262**

granted on the **25/05/16**

Signed **[Signature]**

Sheet No. **61** of **62**

REV	DESCRIPTION	DRAWN	CHECK	DATE
1	PRELIMINARY ISSUE	LV	AL	18/11/2015
2	ISSUED FOR RECORD	LV	AL	27/11/2015
3	ISSUED FOR TENDER	LV	AL	14/12/2015
4	ISSUED FOR TENDER	LV	AL	01/02/2016
5	ISSUED FOR TENDER	LV	AL	02/02/2016
6	ISSUED FOR TENDER	LV	AL	11/02/2016
7	ISSUED FOR TENDER	LV	AL	24/05/2016

FOR TENDER
NOT FOR CONSTRUCTION

CLIENT:

NSW HEALTH
INFRASTRUCTURE



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F: (02) 9554 1377
www.health.nsw.gov.au

PROJECT MANAGER:

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COOPERS



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221 Sussex St
Sydney NSW 2000

P: (02) 8266 0000
F: (02) 8266 9999
www.pwc.com.au

LEAD ARCHITECT:

HDR | RD + MSJ

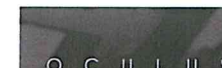


Lvl 1, 110 Walker Street
North Sydney NSW 2060

P: (02) 9556 2666
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askhdm@hdr.com.au

LANDSCAPE ARCHITECT:

OCULUS



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WESTMEAD EARLY ENABLING WORKS
Cnr Hawkesbury Road and Darcy Road
Westmead NSW 2145

 WESTMEAD HOSPITAL REDEVELOPMENT
Building health. Transforming lives.

DRAWING TITLE:	
PLANTING PLAN	
SCALE: 1:500	DRAWING NUMBER: 5335
PROJECT NUMBER: S14-038	DRAWING NUMBER: MSC-OCU-LS-DG-202
CHECKED: AL	ISSUE: 7

LEGEND

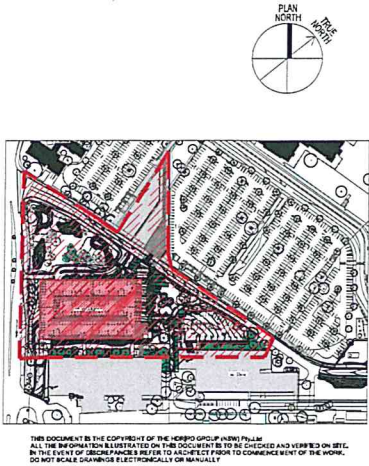
- EXTENT OF WORKS
- TURF AS SPECIFIED
- CONCRETE PAVING
- MASS PLANTING
- SEAT AS SPECIFIED
- EXITING TREE TO BE RETAINED AND PROTECTED
- AC Angophora costata
- CC Corymbia citriodora "Scentuos"
- EM Eucalyptus mannifera
- FG Fraxinus griffithii 'Evergreen Ash'
- WF Waterhousia floribunda
- GA Gordonia axillaris
- MQ Melaleuca Quinquenervia
- Ac Acasia cognata "limelight"
- Dc Dianella caerulea 'Little Jess'
- Hv Hardenbergia violacea
- Lg Lomandra longifolia
- Lt Lomandra longifolia 'Tanika'
- Pl Poa labillardieri
- Pa Pennisetum alopecuroides
- Pt Phormium tenax
- Sc Santolina chamaecyparissus
- Wf Westringia fruticosa 'Mundi'
- Cf Cordyline fruticosa rubra
- Lm Liriope muscari

NOTE:
REFER TO PLANT SCHEDULE AND DETAILS

Indicative zone for additional future trees if additional replacement trees are required by the contractor.

PLANT SCHEDULE

WESTMEAD HOSPITAL PLANT SCHEDULE							
Westmead Hospital - Carpark and Other Areas							
Symbol	Botanic Name	Common Name	Mature Height	Spread	Pot size	Spacings	Total
TREES							
AC	Angophora costata	Smooth Barked Apple	10m	9m	75L	As Shown	5
CC	Corymbia citriodora "Scentuos"	Lemon scented gum	30m	10m	75L	As Shown	5
EM	Eucalyptus mannifera	Little Spotty	20m	13m	75L	As Shown	3
FG	Fraxinus griffithii 'Evergreen Ash'	Evergreen Ash	9m	5m	75L	As Shown	16
WF	Waterhousia floribunda	Weeping Lilli Pilli	12m	9m	75L	As Shown	8
GA	Gordonia axillaris	Fried egg plant	5-8m	3-5m	75L	As Shown	13
MQ	Maleuca quinquenervia	Broadleaf paper bark	10-15m	8m	75L	As Shown	12
SHRUBS, GRASSES AND GROUNDCOVERS							
Ac	Acasia cognata 'limelight'	Limelight	1m	1m	200mm	1m	392
Dc	Dianella caerulea 'Little Jess'	Dianella	0.4m	0.4m	200mm	300mm	1892
Hv	Hardenbergia violacea	False Sarsaparilla	0.5m	2m	200mm	1m	629
Lt	Lomandra longifolia 'Tanika'	Lomandra	0.6m	0.65m	200mm	400mm	575
Lg	Lomandra longifolia	Lomandra	0.6m	0.65m	200mm	400mm	1889
Pl	Poa labillardieri	Tussock Grass	0.6m	0.5m	200mm	300mm	3174
Pa	Pennisetum alopecuroides	Swamp foxtail	1-1.5m	1m	200mm	1.5m	1105
Pt	Phormium tenax	New zealand flax	0.90m	0.90m	200mm	900mm	324
Sc	Santolina chamaecyparissus	Cotton lavender	0.9m	0.90m	200mm	900mm	231
Wf	Westringia fruticosa 'Mundi'	Grey Box	0.5m	1.5m	200mm	400mm	1308
Cf	Cordyline fruticosa	Ti plant	1.8m	1m	200mm	400mm	310
Lm	Liriope muscari	Evergreen Giant	0.6m	0.5m	200mm	400mm	882



NOTE:
In accordance with tree removal associated with the Stage 1 Early Works (Circa 374 No, confirmed in the Arborist Report), compensatory tree planting has been included as 1 new tree for every 2 existing trees removed. Replacement trees must be 'advanced' size (at least 75L) as required by the Arborist Report. Any alterations to the extent of tree removal associated with the works must be approved by the Principal, and compensatory planting must be adjusted in accordance with the Arborist Report replacement requirements.

NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. **SSD 7262**

granted on the **25/05/16**

Signed **[Signature]**

Sheet No. **62** of **62**

REV	DESCRIPTION	DRAWN	CHECK	DATE
1	PRELIMINARY ISSUE	LV	AL	18/11/2015
2	ISSUED FOR RECORD	LV	AL	27/11/2015
3	ISSUED FOR TENDER	LV	AL	14/12/2015
4	ISSUED FOR TENDER	LV	AL	01/02/2016
5	ISSUED FOR TENDER	LV	AL	02/02/2016

FOR TENDER
NOT FOR CONSTRUCTION

CLIENT:

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Westmead NSW 2145

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DRAWING TITLE:
COVER
LEGEND AND PLANT SCHEDULE

SCALE:
NTS

DRAWING NUMBER:
5335

PROJECT NUMBER:
S14-038 MSC-OCU-LS-DG-200

CHECKED:
AL

DATE:
5