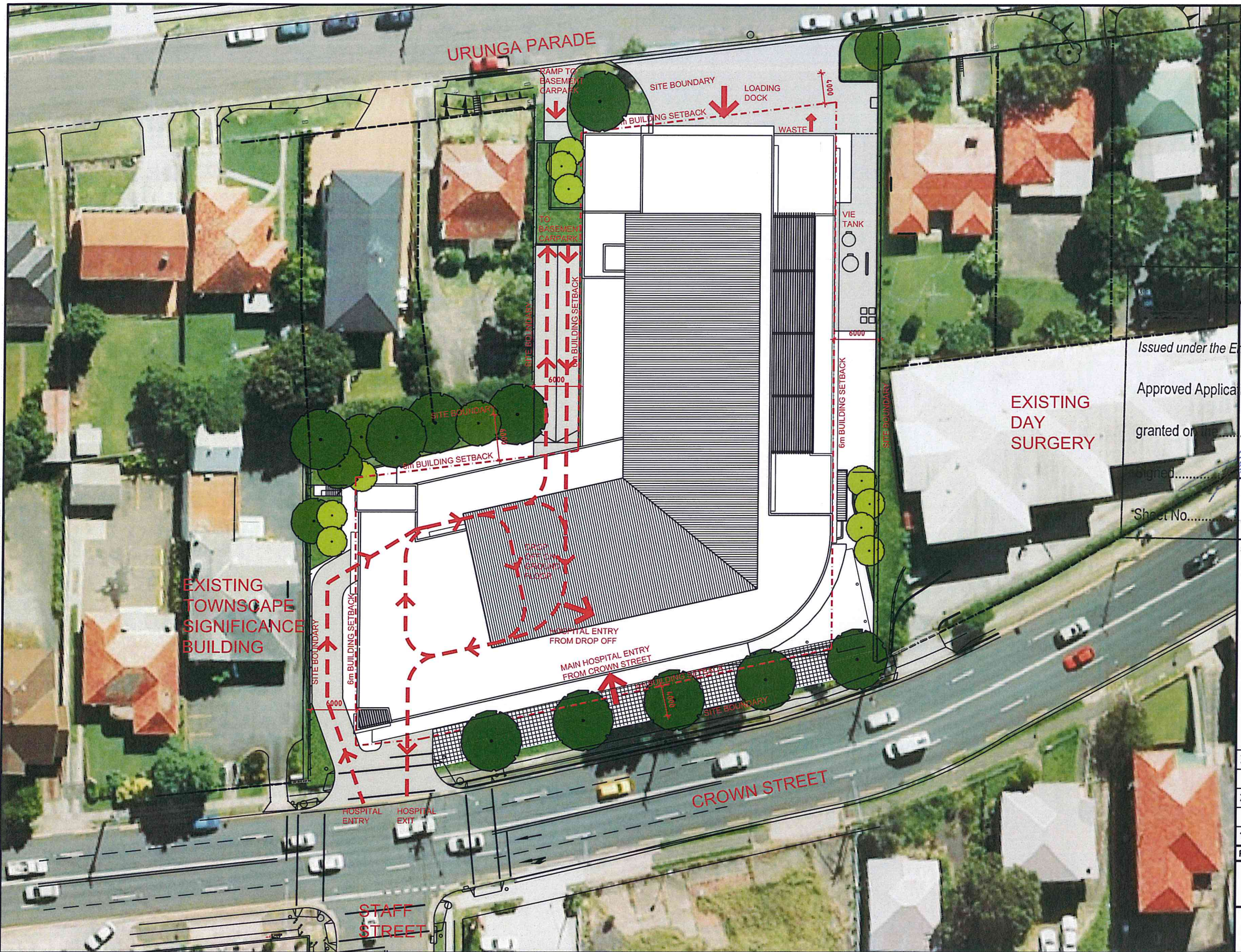




GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. MP07-0070 WPO/

granted on 19 November 2013

Signed [Signature]

Sheet No. 1 of 34

3	URUNGA PARADE ACCESS	29.08.13	HMC
	SHOWN		
2	CROWN ST DRIVE WAY	07.06.13	HMC
	REVISED		
1	FIRST ISSUE	03.06.13	HMC
Rev	Revision description	Date	By

Project
**WOLLONGONG
PRIVATE HOSPITAL**

Principal
AA CROWN HOLDINGS

USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.
ALL DIMENSIONS SHALL BE VERIFIED ON SITE AND DISCREPANCIES IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER FOR RESOLUTION

"CLOUDS" & REVISIONS ARE INTENDED AS GUIDES AND DO NOT NECESSARILY DESCRIBE THE FULL EXTENT OF REVISIONS.
ASCERTAIN FULL EXTENT BY COMPARISON WITH PREVIOUS VERSION.

QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

TRUE NORTH
PROJECT NORTH

Drawn
CQ

Checked
HMC

Date
03.06.13

Scale
1:500 @ A3

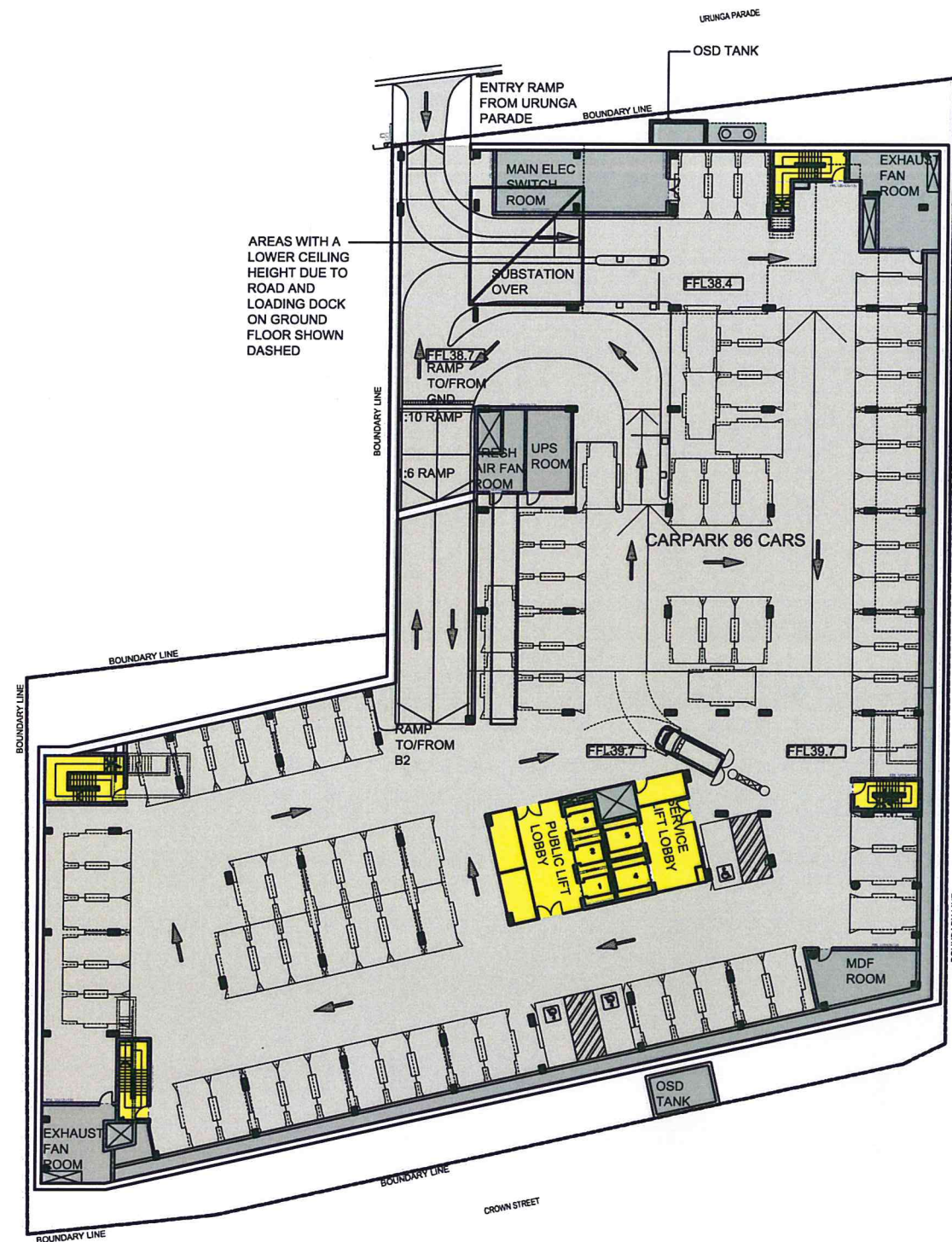
Drawing Title
PLAN - SITE PLAN

HPI HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
ACN 066 856 305
Ground Floor, Suite 1, 68 Alfred Street
Wollongong, NSW, 2520
Ph: (02) 9450 4199 Fax: (02) 9450 4298

CAD File
WGPH-P-S

Dwg No.
WGPH-P-S-75W

Issue
3



LEGEND

- PRIVATE HOSPITAL
- COMMON AREAS
- TENANCY
- RETAIL
- ENGINEERING
- CARPARK
- TRAVEL



NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. MP07-0070 MONI

granted on the 19 NOVEMBER 2013

Signed [Signature]

Sheet No. 2 of 34

5	URUNGAE PARADE ACCESS SHOWN	29.08.13	HMC
4	CARPARK REVISED	18.06.13	HMC
3	CROWN ST DRIVE WAY REVISED	06.06.13	CX
	REVISED UPS ROOM AS PER ENG. NOTES REVISED		
2	BOOM GATES SHOWN AS PER TRF CONS. ADVICE	04.06.13	SYH
	ELECTRICAL PLANTROOM REVISED AS PER ENG.		
1	FIRST ISSUE	03.06.13	HMC
Rev	Revision description	Date	By

Project
**WOLLONGONG
PRIVATE HOSPITAL**
Principal
AA CROWN HOLDINGS

HPI HEALTH PROJECTS INTERNATIONAL Architects and Health Facility Planners ACN 066 656 305 Ground Floor, Suite 1, 65 Alfred Street Wollongong, NSW 2520 Ph: (02) 9450 4199 Fax: (02) 9450 4299	CAD File WGPH-P-B1	Dwg No. WGPH-P-B1-75W	Issue 5
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USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.
ALL DIMENSIONS SHALL BE VERIFIED ON SITE AND DISCREPANCIES IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER FOR RESOLUTION

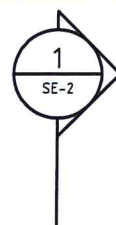
"CLOUDS" & REVISIONS ARE INTENDED AS GUIDES AND DO NOT NECESSARILY DESCRIBE THE FULL EXTENT OF REVISIONS.
ASCERTAIN FULL EXTENT BY COMPARISON WITH PREVIOUS VERSION.

QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

TRUE NORTH
PROJECT NORTH

Drawn CQ	Checked HMC	Date 03.06.13	Scale 1:500 @ A3
Drawing Title PLAN - BASEMENT LEVEL 1			



URUNGA PARADE

LEGEND

- PRIVATE HOSPITAL
- COMMON AREAS
- TENANCY
- RETAIL
- ENGINEERING
- CARPARK
- TRAVEL



NSW GOVERNMENT
Planning

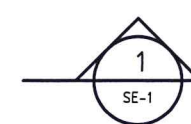
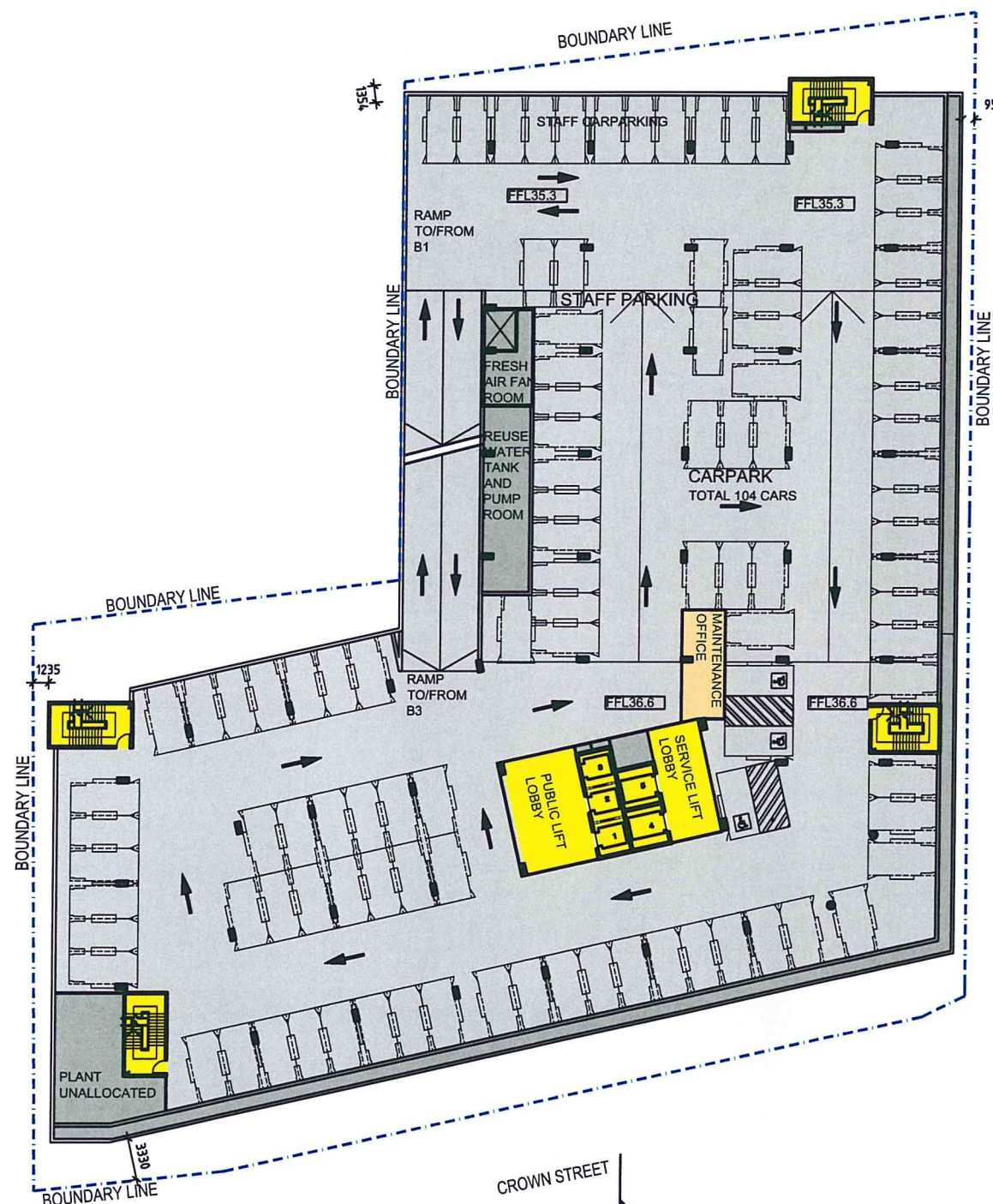
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. NIP07-0070 NOD1

granted on the 14 NOVEMBER 2013

Signed [Signature]

Sheet No. 3 of 34



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3	CROWN ST DRIVE WAY REVISED	06.06.13	CX
2	REVISED AS PER TRF CONS. ADVICE	04.06.13	SYH
1	FIRST ISSUE	03.06.13	HMC
Rev	Revision description	Date	By

Project
**WOLLONGONG
PRIVATE HOSPITAL**
Principal
AA CROWN HOLDINGS

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ASCERTAIN FULL EXTENT BY COMPARISON WITH PREVIOUS VERSION.

QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

TRUE
NORTH

PROJECT
NORTH



Drawn
CQ

Checked
HMC

Date
03.06.13

Scale
1:500 @ A3

Drawing Title
PLAN - BASEMENT LEVEL 2

HPI HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
A/CN 955 955 955
Ground Floor, Suite 1, 88 Alfred Street
Sydney, NSW, 1587 2061
Ph: (02) 9450 4199 Fax: (02) 9450 4299

CAD File
WGPH-P-B2

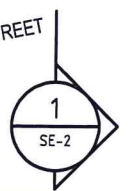
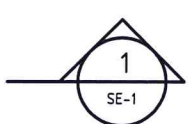
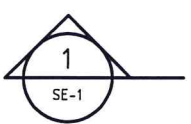
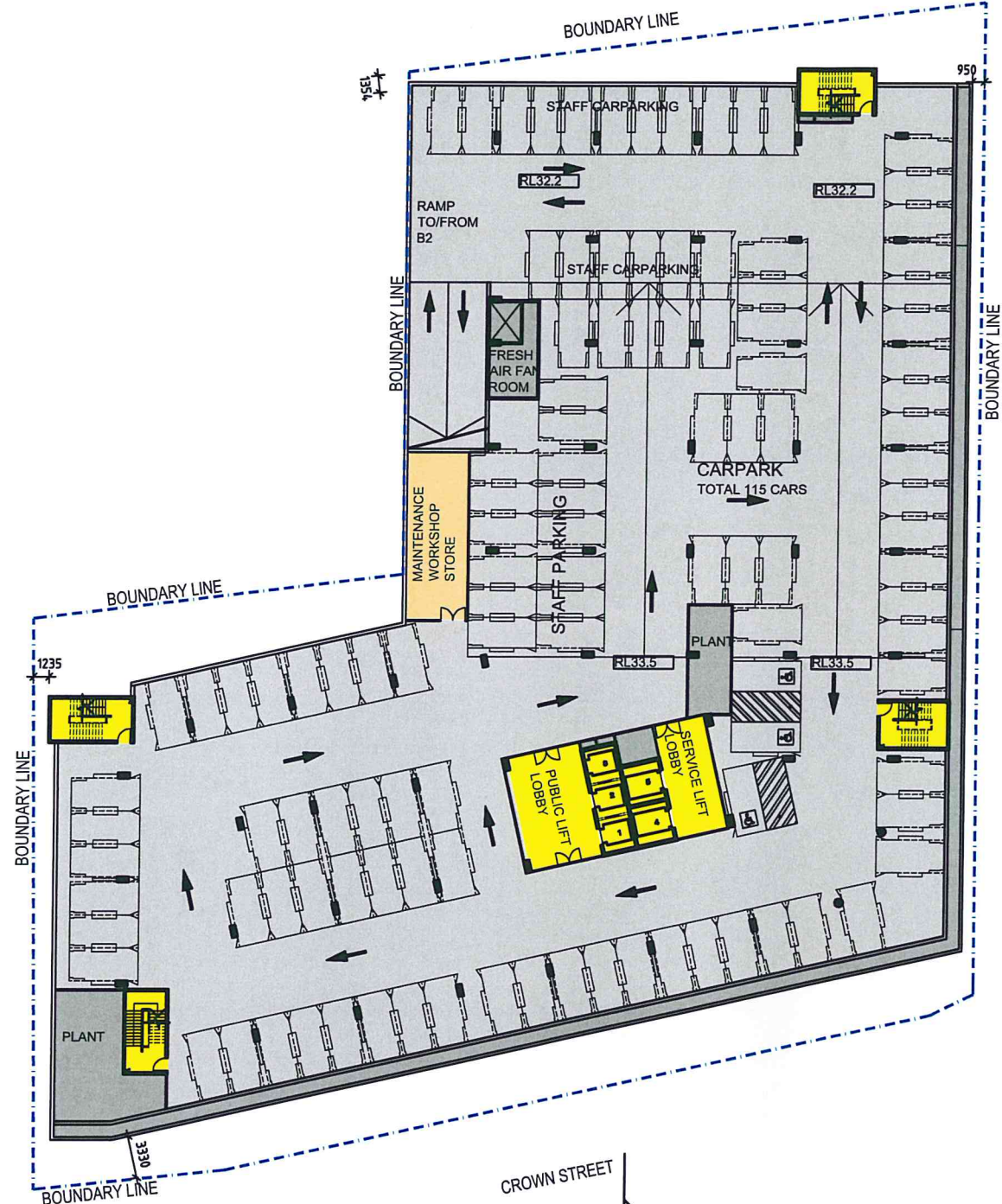
Dwg No.
WGPH-P-B2-75W

Issue
4



URUNGA PARADE

BOUNDARY LINE



CROWN STREET

LEGEND

- PRIVATE HOSPITAL
- COMMON AREAS
- TENANCY
- RETAIL
- ENGINEERING
- CARPARK
- TRAVEL



NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. W1807-0070 W001

granted on the 19 NOVEMBER 2013

Signed [Signature]

Sheet No. 4 of 34

4	CARPARK REVISED	18.06.13	HMC
3	CROWN ST DRIVE WAY	06.06.13	CX
	REVISED		
2	REVISED AS PER TRF CONS.	04.06.13	SYH
	ADVICE		
1	FIRST ISSUE	03.06.13	HMC
Rev	Revision description	Date	By

Project
**WOLLONGONG
PRIVATE HOSPITAL**
Principal
AA CROWN HOLDINGS

USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.
ALL DIMENSIONS SHALL BE VERIFIED ON SITE AND DISCREPANCIES IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER FOR RESOLUTION

"CLOUDS" & REVISIONS ARE INTENDED AS GUIDES AND DO NOT NECESSARILY DESCRIBE THE FULL EXTENT OF REVISIONS.
ASCERTAIN FULL EXTENT BY COMPARISON WITH PREVIOUS VERSION.

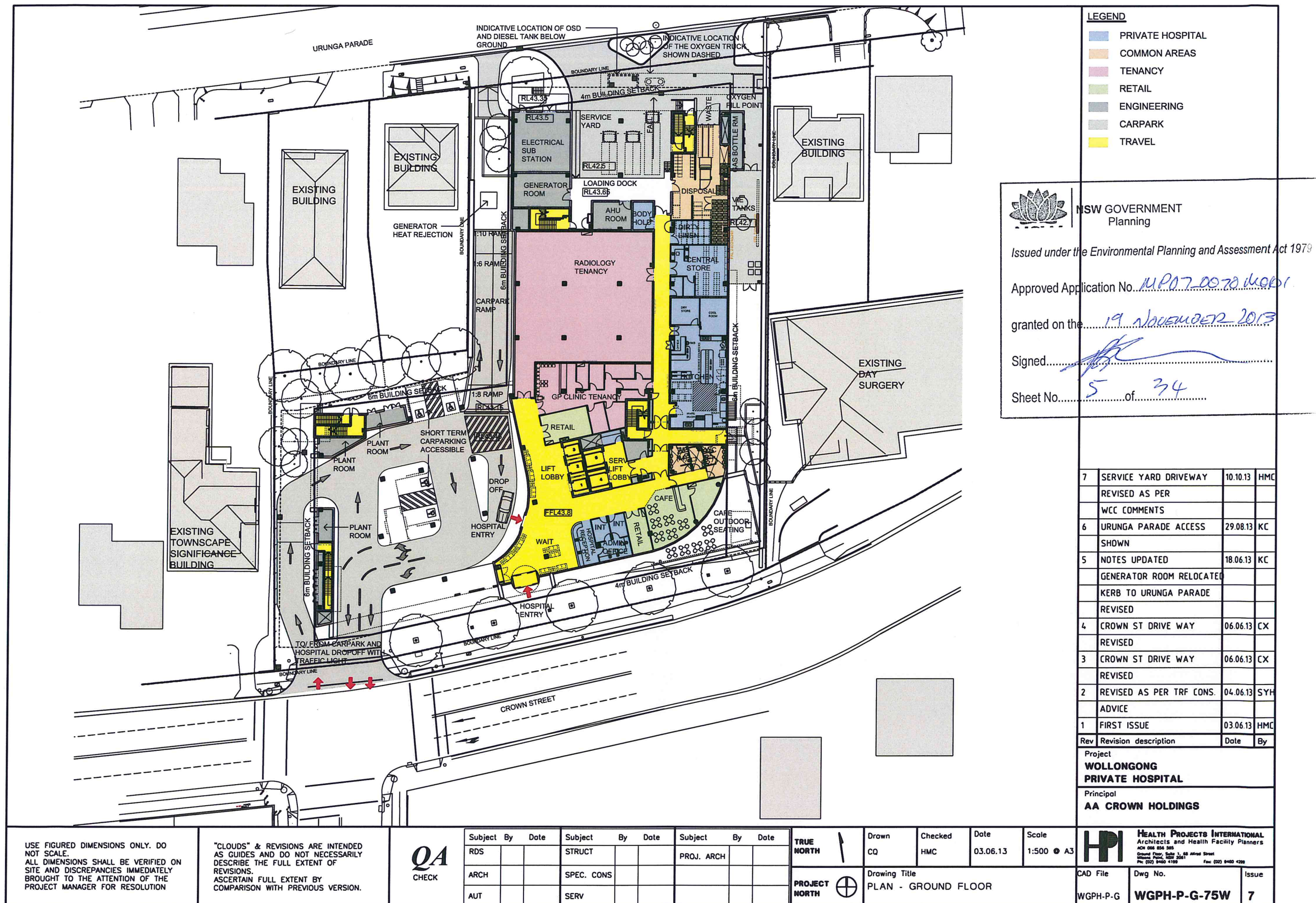
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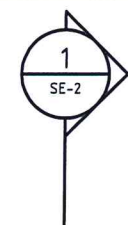
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ARCH			SPEC. CONS					
AUT			SERV					

TRUE
NORTH
PROJECT
NORTH

Drawn
CQ
Checked
HMC
Date
03.06.13
Scale
1:500 @ A3
Drawing Title
PLAN - BASEMENT LEVEL 3

HPI HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
ACR 040 808 300
Ground Floor, Suite 1, 65 Alfred Street
P.O. Box 100, Wollongong NSW 2501
Ph: (02) 9450 4100 Fax: (02) 9450 4200
CAD File
WGPH-P-B3
Dwg No.
WGPH-P-B3-75W
Issue
4





URUNGA PARADE

BOUNDARY LINE

4m BUILDING SETBACK

6050

VIE TANK
BELOW
VIE TANK
ENCLOSURE
CONCRETE
BLOCK
WALL TOP
@ RL50.5

BOUNDARY LINE

OPERATING THEATRES

BOUNDARY LINE

6m BUILDING SETBACK

6310

BOUNDARY LINE

6m BUILDING SETBACK

1000

ICU/CCU 12 BEDS

PERIP - 8 BAYS

PUBLIC LOBBY

SERVICES

RECOVERY STAGE 1
15 BEDS

RECOVERY STAGE 2
15 RECLINERS

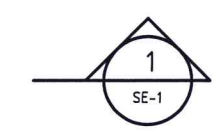
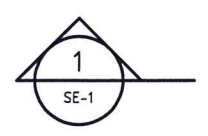
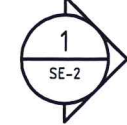
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OUTDOOR
SEATING
BELOW

4m BUILDING SETBACK

BOUNDARY LINE

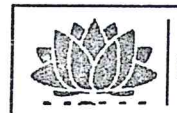
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CROWN STREET



LEGEND

- PRIVATE HOSPITAL
- COMMON AREAS
- TENANCY
- RETAIL
- ENGINEERING
- CARPARK
- TRAVEL



NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. MP07-0070 NADP

granted on the 17 NOVEMBER 2017

Signed [Signature]

Sheet No. 6 of 34

3	CARPARK EXHAUST RISER	06.06.13	CX
	REVISED		
2	CROWN ST DRIVE WAY	06.06.13	CX
	REVISED		
	VIE TANK ENCLOSURE SHOWN		
1	FIRST ISSUE	03.06.13	HMC
Rev	Revision description	Date	By

Project
**WOLLONGONG
PRIVATE HOSPITAL**
Principal
AA CROWN HOLDINGS

USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.
ALL DIMENSIONS SHALL BE VERIFIED ON SITE AND DISCREPANCIES IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER FOR RESOLUTION

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ASCERTAIN FULL EXTENT BY COMPARISON WITH PREVIOUS VERSION.

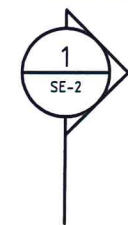
QA
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RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

TRUE
NORTH
PROJECT
NORTH

Drawn
CQ
Checked
HMC
Date
03.06.13
Scale
1:500 @ A3
Drawing Title
PLAN - LEVEL 1

HPI HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
ACN 096 008 040
Ground Floor, Suite 1, 68 Alfred Street
Wollongong, NSW 2501
Ph: (02) 9460 4100 Fax: (02) 9460 4200
CAD File
WGPH-P-1
Dwg No.
WGPH-P-1-75W
Issue
3



URUNGA PARADE

- LEGEND
- PRIVATE HOSPITAL
 - COMMON AREAS
 - TENANCY
 - RETAIL
 - ENGINEERING
 - CARPARK
 - TRAVEL



NSW GOVERNMENT
Planning

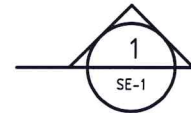
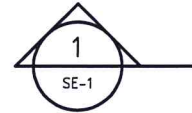
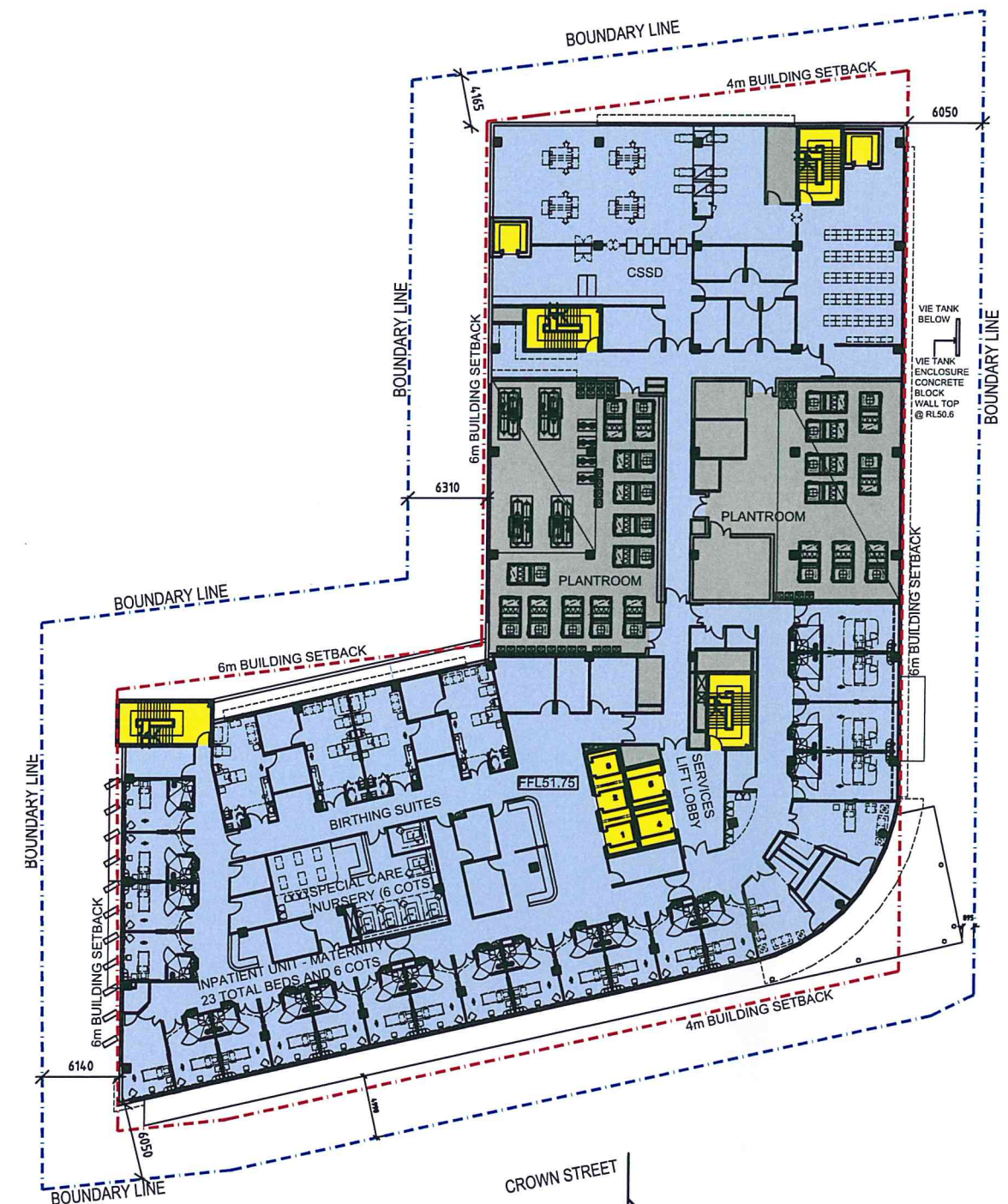
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Approved Application No. M.P.07-0070 MOD1

granted on the 19 November 2013

Signed [Signature]

Sheet No. 7 of 34



CROWN STREET

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QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

TRUE
NORTH



Drawn
CQ

Checked
HMC

Date
03.06.13

Scale
1:500 @ A3

Drawing Title
PLAN - LEVEL 2

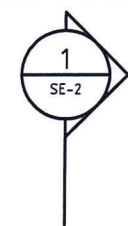
HPI HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
ACN 068 606 500
Ground Floor, Suite 1, 68 Alfred Street
Wollongong, NSW 2501
Ph: (02) 9460 4100 Fax: (02) 9460 4288

CAD File
WGPH-P-2

Dwg No.
WGPH-P-2-75W

Issue
2

2	CROWN ST DRIVE WAY	06.06.13	CX
	REVISED		
	VIE TANK LID SHOWN		
1	FIRST ISSUE	03.06.13	HMC
Rev	Revision description	Date	By
Project WOLLONGONG PRIVATE HOSPITAL			
Principal AA CROWN HOLDINGS			



URUNGA PARADE

LEGEND	
	PRIVATE HOSPITAL
	COMMON AREAS
	TENANCY
	RETAIL
	ENGINEERING
	CARPARK
	TRAVEL



NSW GOVERNMENT
Planning

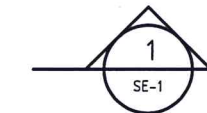
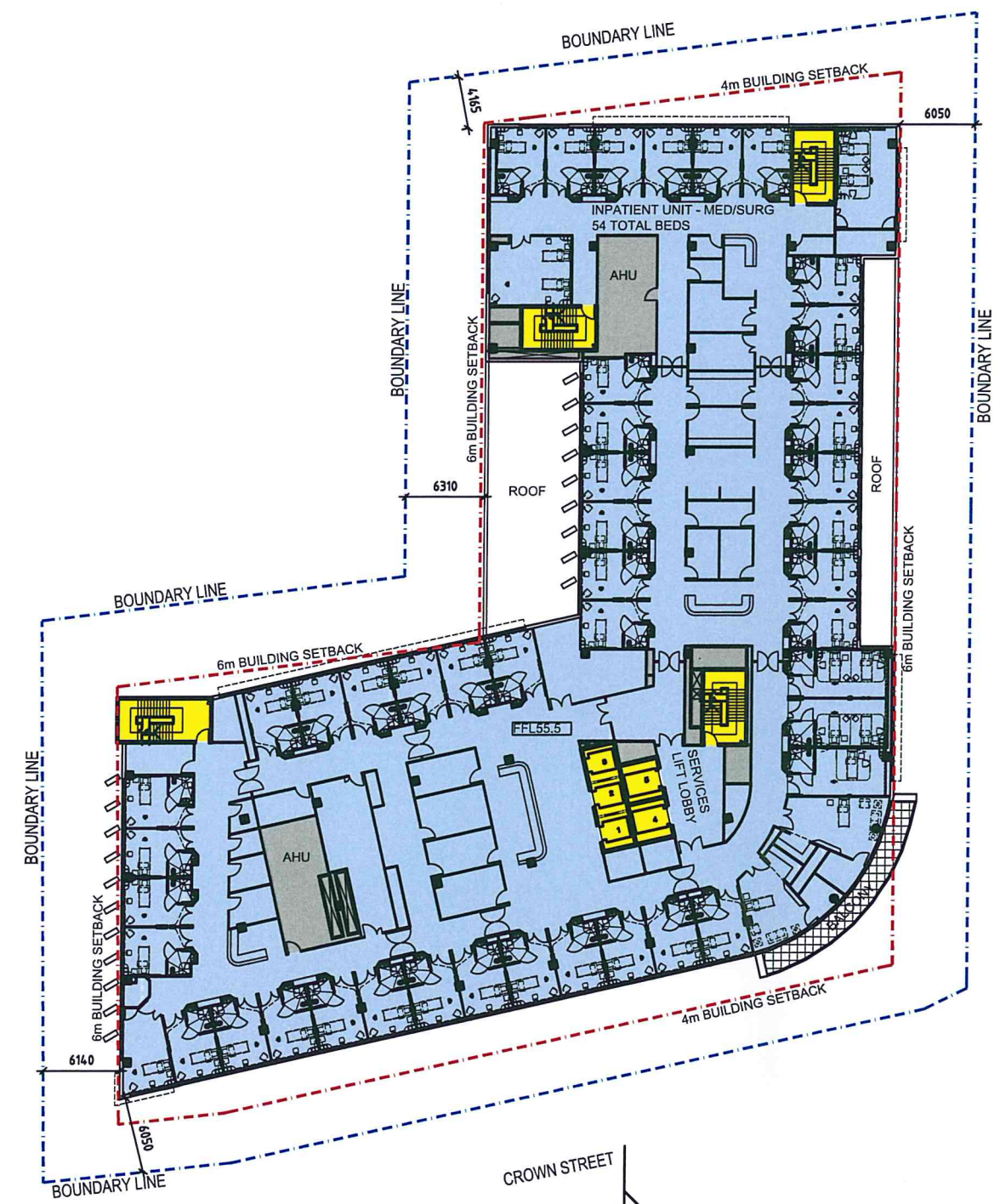
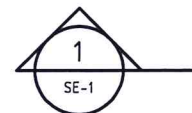
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No... MP07-C070 M001

granted on the... 19 November 2013

Signed... [Signature]

Sheet No... 8 ...of... 34



CROWN STREET



1	FIRST ISSUE	03.06.13	HMC
Rev	Revision description	Date	By

Project
**WOLLONGONG
PRIVATE HOSPITAL**
Principal
AA CROWN HOLDINGS

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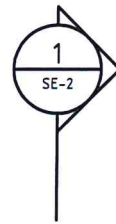
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QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
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ARCH			SPEC. CONS					
AUT			SERV					

TRUE NORTH	Drawn CQ	Checked HMC	Date 03.06.13	Scale 1:500 @ A3	PROJECT NORTH	Drawing Title PLAN - LEVEL 3	CAD File WGPH-P-3	Dwg No. WGPH-P-3-75W	Issue 1
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HPI HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
ACN 098 898 090
Ground Floor, Suite 1, 83 Alfred Street
Wollongong, NSW 2521
Ph: (02) 9460 4199 Fax: (02) 9460 4289



URUNGA PARADE

LEGEND

- PRIVATE HOSPITAL
- COMMON AREAS
- TENANCY
- RETAIL
- ENGINEERING
- CARPARK
- TRAVEL



NSW GOVERNMENT
Planning

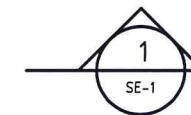
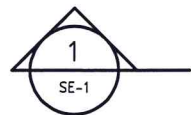
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. MP07-0070 WOOD

granted on the 19 NOVEMBER 2013

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Sheet No. 9 of 34



CROWN STREET



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ASCERTAIN FULL EXTENT BY COMPARISON WITH PREVIOUS VERSION.

QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

TRUE
NORTH

PROJECT
NORTH

Drawn CQ	Checked HMC	Date 03.06.13	Scale 1:500 @ A3
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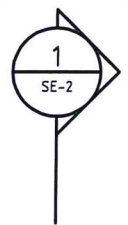
1	FIRST ISSUE	03.06.13	HMC
Rev	Revision description	Date	By

Project
**WOLLONGONG
PRIVATE HOSPITAL**

Principal
AA CROWN HOLDINGS

HPI HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
ACN 096 806 300
Ground Floor, Suite 1, 88 Alfred Street
Sydney, NSW, 2005
Ph: (02) 9460 4188 Fax: (02) 9460 4288

CAD File WGPH-P-4	Dwg No. WGPH-P-4-75W	Issue 1
----------------------	--------------------------------	-------------------



- LEGEND
- PRIVATE HOSPITAL
 - COMMON AREAS
 - TENANCY
 - RETAIL
 - ENGINEERING
 - CARPARK
 - TRAVEL



NSW GOVERNMENT
Planning

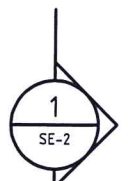
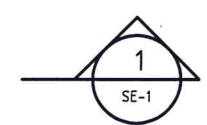
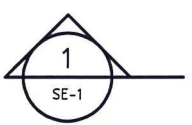
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. MPO7-0070 WOOD

granted on the 19 NOVEMBER 2013

Signed [Signature]

Sheet No. 10 of 34

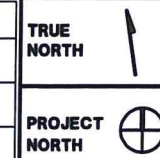


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QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					



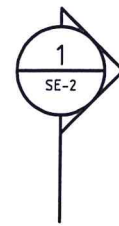
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Drawing Title
PLAN - LEVEL 5

HPI HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
ACN 005 805 185
Ground Floor, Suite 1, 68 Alfred Street,
Sydney, NSW 2001
Ph: (02) 9450 4100 Fax: (02) 9450 4200

CAD File	Dwg No.	Issue
WGPH-P-5	WGPH-P-5-75W	2

2	NOTES UPDATED	18.06.13	HMC
1	FIRST ISSUE	03.06.13	HMC
Rev	Revision description	Date	By
Project WOLLONGONG PRIVATE HOSPITAL			
Principal AA CROWN HOLDINGS			



- LEGEND
- PRIVATE HOSPITAL
 - COMMON AREAS
 - TENANCY
 - RETAIL
 - ENGINEERING
 - CARPARK
 - TRAVEL



NSW GOVERNMENT
Planning

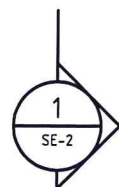
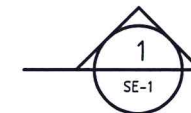
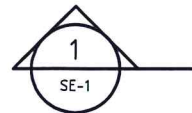
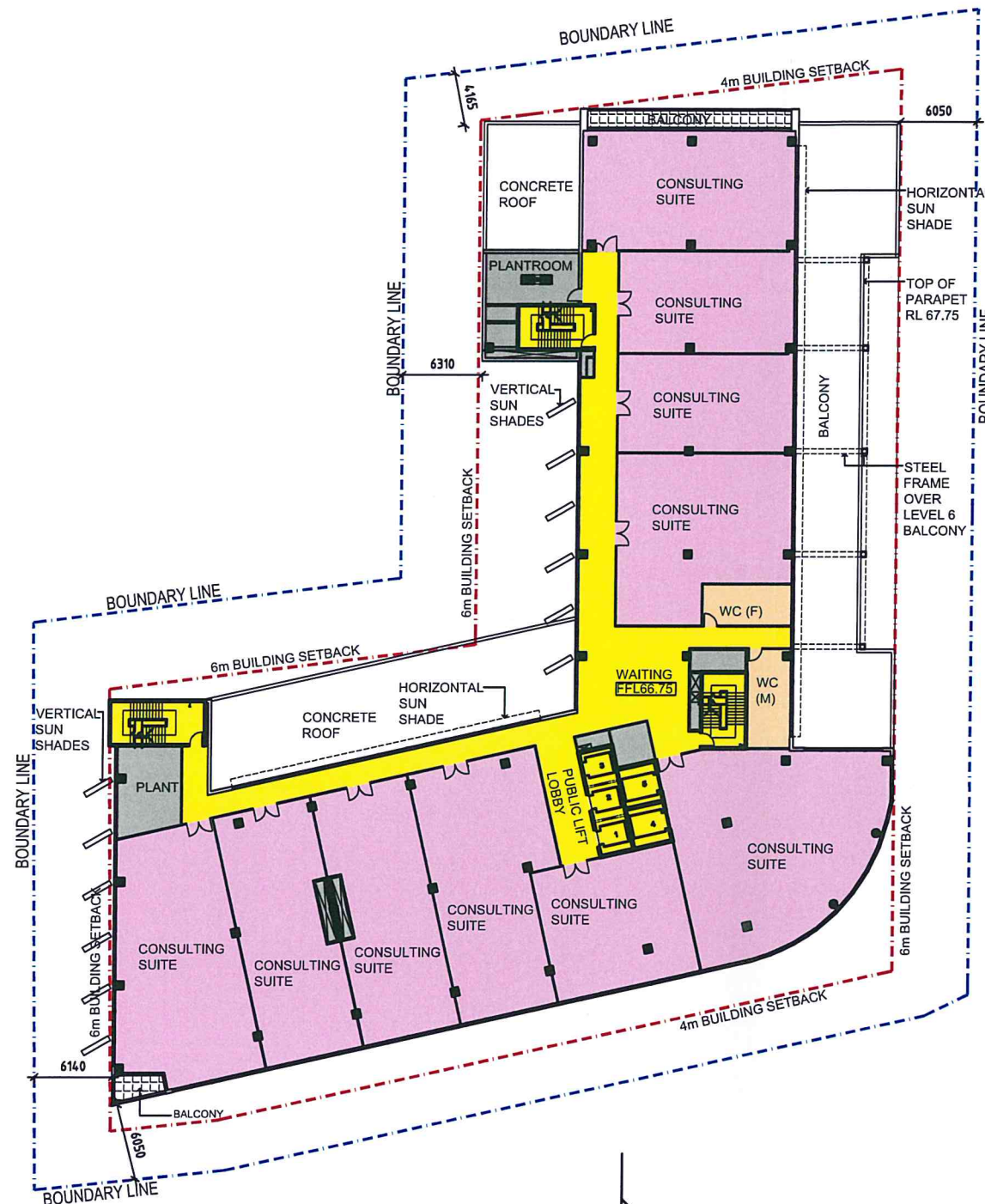
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Approved Application No. MP07-0070 MOD1

granted on the 19 NOVEMBER 2013

Signed [Signature]

Sheet No. 11 of 34



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ALL DIMENSIONS SHALL BE VERIFIED ON SITE AND DISCREPANCIES IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER FOR RESOLUTION

"CLOUDS" & REVISIONS ARE INTENDED AS GUIDES AND DO NOT NECESSARILY DESCRIBE THE FULL EXTENT OF REVISIONS.
ASCERTAIN FULL EXTENT BY COMPARISON WITH PREVIOUS VERSION.

QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

TRUE
NORTH

PROJECT
NORTH



Drawn
CQ

Drawing Title
PLAN - LEVEL 6

Checked
HMC

Date
03.06.13

Scale
1:500 @ A3



HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
ACH 008 008 008
Ground Floor, Suite 1, 68 Alfred Street
Sydney, NSW, 2001
Ph: (02) 9450 4199 Fax: (02) 9450 4299

CAD File
WGPH-P-6

Dwg No.

WGPH-P-6-75W

Issue

2

2	NOTES UPDATED	18.06.13	HMC
1	FIRST ISSUE	03.06.13	HMC
Rev	Revision description	Date	By

Project
**WOLLONGONG
PRIVATE HOSPITAL**
Principal
AA CROWN HOLDINGS



- LEGEND
- PRIVATE HOSPITAL
 - COMMON AREAS
 - TENANCY
 - RETAIL
 - ENGINEERING
 - CARPARK
 - TRAVEL



NSW GOVERNMENT
Planning

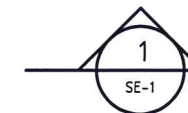
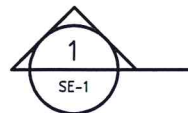
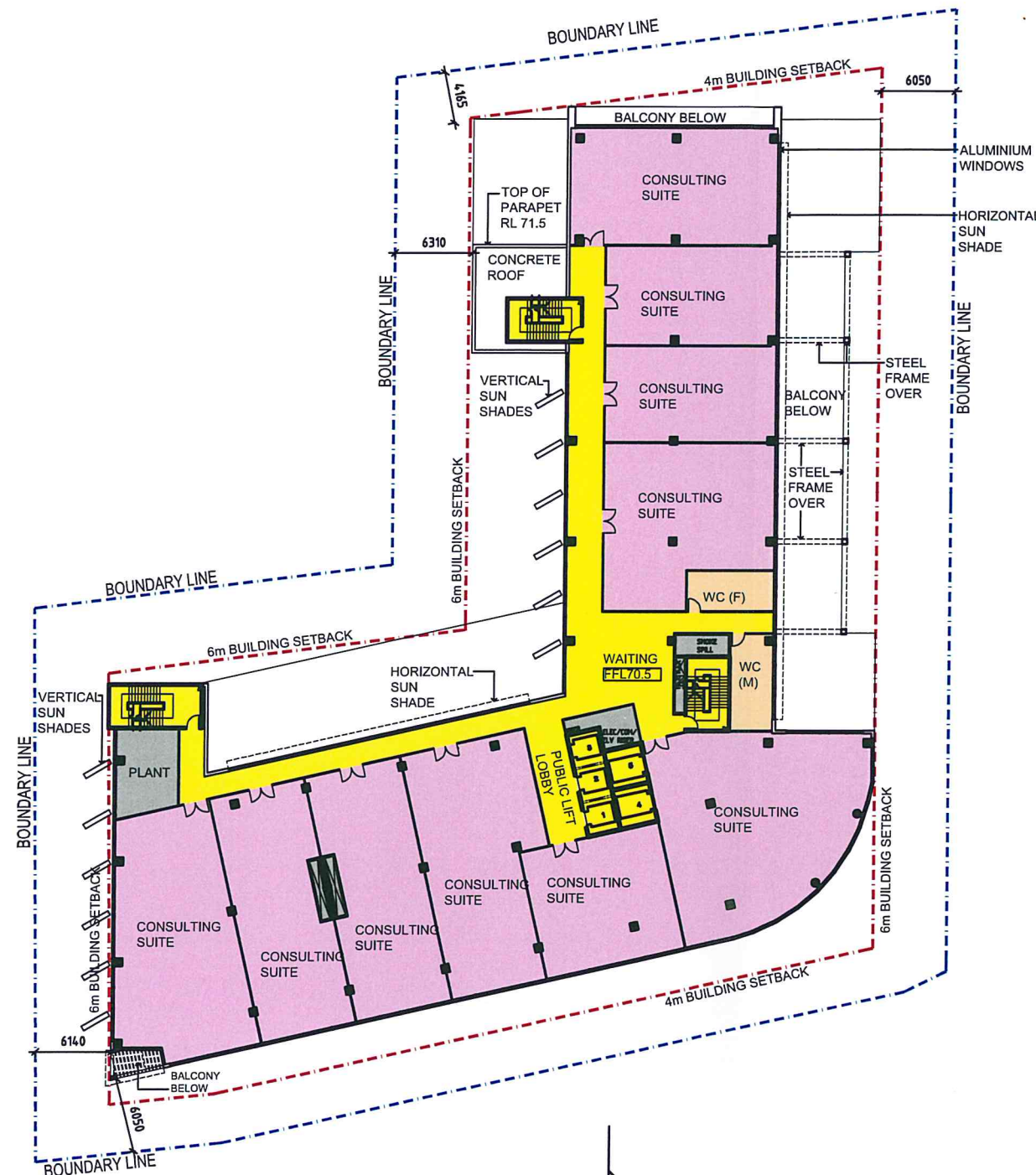
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Approved Application No. MPO7-0070 MOD1

granted on the 19 NOVEMBER 2013

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Sheet No. 12 of 34



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ASCERTAIN FULL EXTENT BY COMPARISON WITH PREVIOUS VERSION.

QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

TRUE
NORTH

PROJECT
NORTH

Drawn
CQ

Checked
HMC

Date
03.06.13

Scale
1:500 @ A3

Drawing Title
PLAN - LEVEL 7



HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
ACN 006 006 006
Ground Floor, Suite 1, 65 Alfred Street
Sydney, NSW 2001
Ph: (02) 9460 4199 Fax: (02) 9460 4288

CAD File WGPH-P-7	Dwg No. WGPH-P-7-75W	Issue 2
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Rev	Revision description	Date	By
2	NOTES UPDATED	18.06.13	HMC
1	FIRST ISSUE	03.06.13	HMC

Project
**WOLLONGONG
PRIVATE HOSPITAL**

Principal
AA CROWN HOLDINGS



- LEGEND
- PRIVATE HOSPITAL
 - COMMON AREAS
 - TENANCY
 - RETAIL
 - ENGINEERING
 - CARPARK
 - TRAVEL



NSW GOVERNMENT
Planning

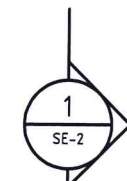
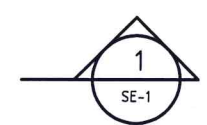
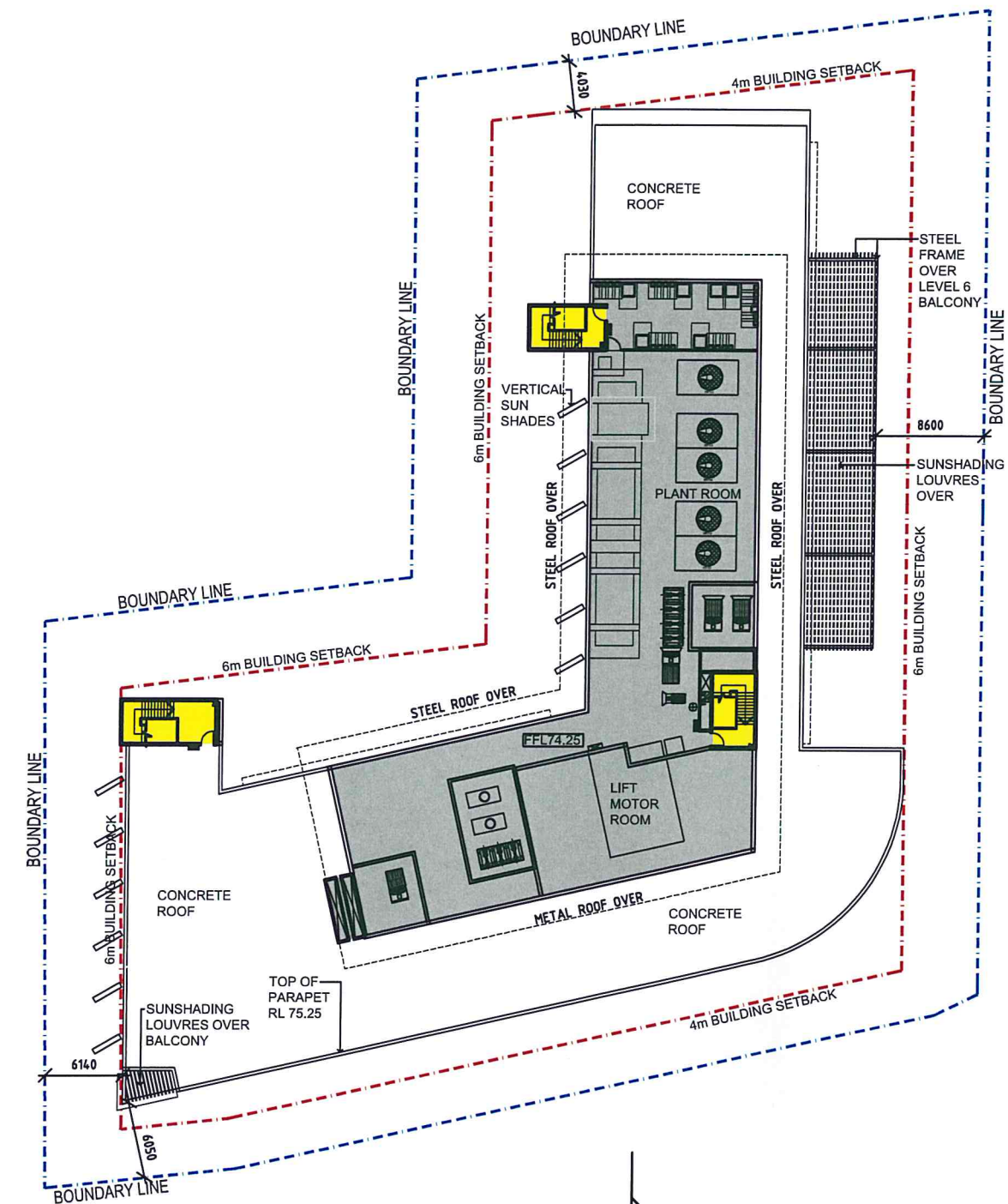
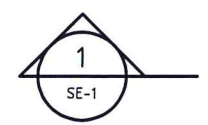
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Approved Application No. MP07-0070 MOD1

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Sheet No. 13 of 34



1	FIRST ISSUE	03.06.13	HMC
Rev	Revision description	Date	By
Project			
WOLLONGONG PRIVATE HOSPITAL			
Principal			
AA CROWN HOLDINGS			

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QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

TRUE NORTH
PROJECT NORTH

Drawn
CQ

Checked
HMC

Date
03.06.13

Scale
1:500 @ A3

Drawing Title
PLAN - LEVEL 8

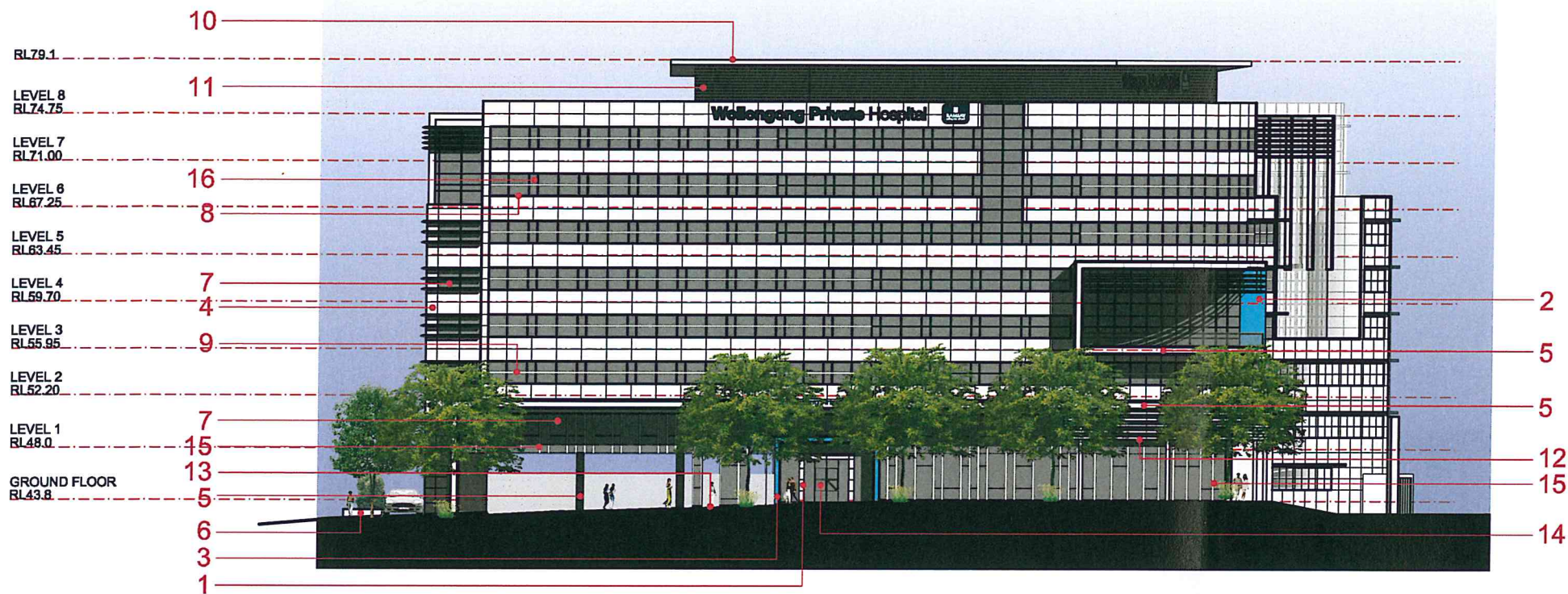


HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
ACN 004 505 395
Ground Floor, Suite 11, 65 Alfred Street
Sydney NSW, 1587 2041
Ph: (02) 9450 4199 Fax: (02) 9450 4289

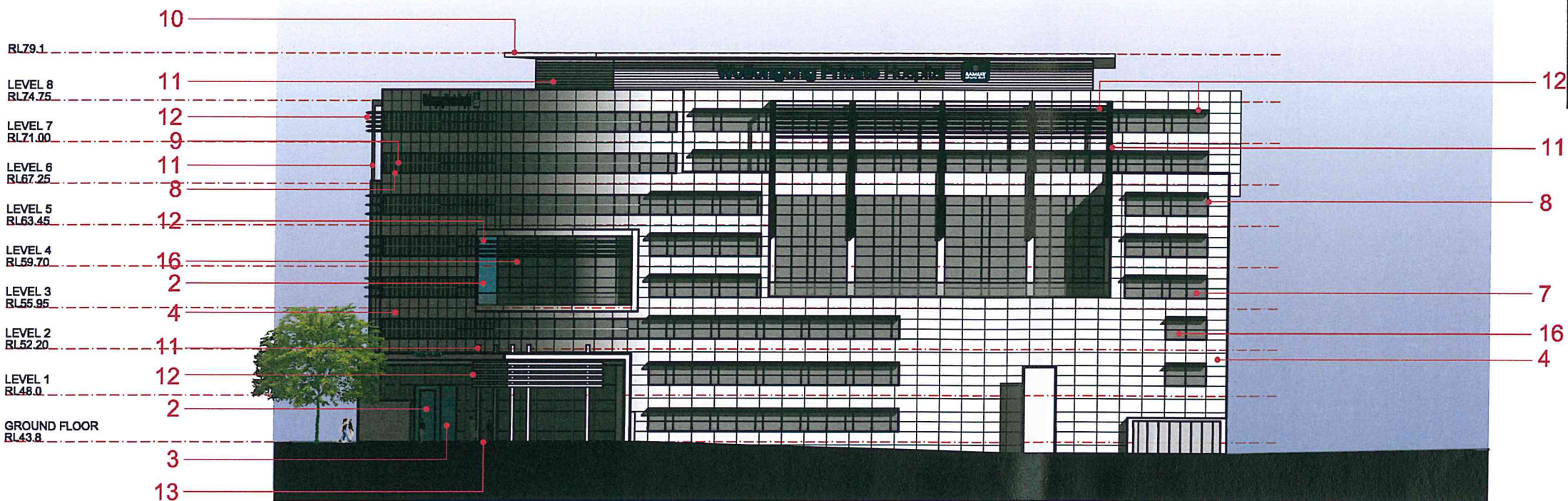
CAD File
WGPH-P-8

Dwg No.
WGPH-P-8-75W

Issue
1



CROWN ST ELEVATION



EAST ELEVATION

LEGEND

1. STAINLESS STEEL CLADDING - MAIN ENTRY AIRLOCK FEATURE
2. FEATURE WALLS - PAINT
- DULUX 'SNORKEL SEA'
3. FEATURE PAINT TO MAIN ENTRY
- DULUX 'TALL SHIPS'
4. FIBRE CEMENT CLADDING 1 - MAIN FACADE COLOUR
- DULUX 'GREY PEBBLE QUARTER'
5. FIBRE CEMENT CLADDING 2
- DULUX 'MUD PACK'
6. DECORATIVE EXTERNAL WALL - STACKED STONE
7. WINDOW GLASS
- G. JAMES SS22 ON GREY
8. WINDOW FRAME
- INTERPON 'ULTRIVA CHARCOAL' MATT
9. WINDOW FRAME FEATURE TO MATCH MAIN FACADE COLOUR
10. COLORBOND METAL ROOFING
- 'DUNE'
11. COLORBOND METAL CLADDING/ PLANT ROOM LOUVRES
- 'WOODLAND GREY'
12. SUN-SHADING LOUVRES TO MATCH WINDOW FRAME
13. EXTERNAL PAVERS
14. CLEAR GLASS WITH FROSTED FEATURE - AIRLOCK GLAZING
15. CLEAR ANODISED ALUMINIUM WINDOW MULLION
16. FIBRE CEMENT CLADDING 3
- DULUX 'WESTERN MYALL'



NSW GOVERNMENT
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Approved Application No. MP070070 WDP

granted on the 14 NOVEMBER 2013

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Sheet No. 14 of 34

3	LEGEND UPDATED	05.06.13	KC
2	SIGNAGE REVISED	04.06.13	SYH
1	FIRST ISSUE	03.06.13	SYH

Rev	Revision description	Date	By
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Project
**WOLLONGONG
PRIVATE HOSPITAL**

Principal
AA CROWN HOLDINGS

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ASCERTAIN FULL EXTENT BY COMPARISON WITH PREVIOUS VERSION.

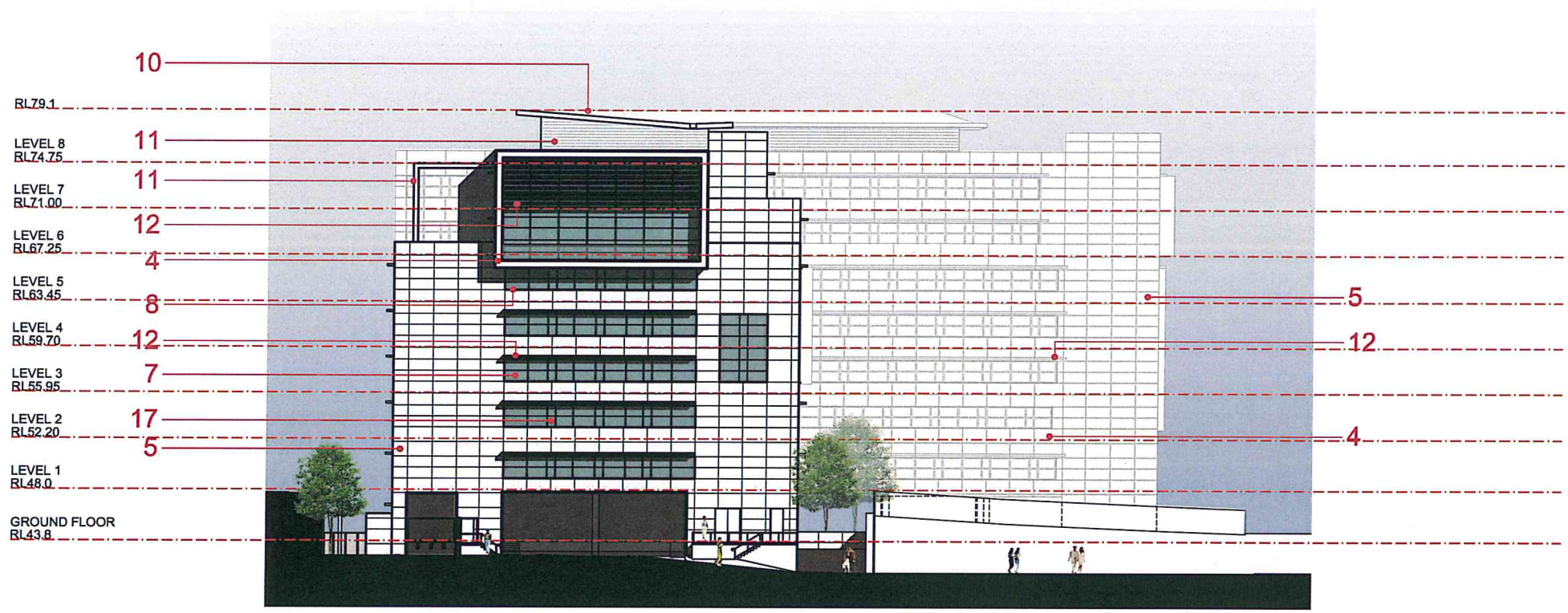
QA
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ARCH			SPEC. CONS					
AUT			SERV					

Drawn	Checked	Date	Scale
KC	HS	17.05.13	1:500 @ A3
Drawing Title CROWN STREET AND EAST ELEVATIONS			

CAD File	Dwg No.	Issue
WGPH-E-1	WGPH-E-1-75W	3

HPI HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
AOB 020 050 055
Ground Floor, Suite 1, 80 Alfred Street,
Sydney NSW 1587 2001
Ph: (02) 9450 4100 Fax: (02) 9450 4288



- LEGEND**
1. STAINLESS STEEL CLADDING - MAIN ENTRY AIRLOCK FEATURE
 2. FEATURE WALLS - PAINT
- DULUX 'SNORKEL SEA'
 3. FEATURE PAINT TO MAIN ENTRY
- DULUX 'TALL SHIPS'
 4. FIBRE CEMENT CLADDING 1 - MAIN FACADE COLOUR
- DULUX 'GREY PEBBLE QUARTER'
 5. FIBRE CEMENT CLADDING 2
- DULUX 'MUD PACK'
 6. DECORATIVE EXTERNAL WALL - STACKED STONE
 7. WINDOW GLASS
- G. JAMES SS22 ON GREY
 8. WINDOW FRAME
- INTERPON 'ULTRIVA CHARCOAL' MATT
 9. WINDOW FRAME FEATURE TO MATCH MAIN FACADE COLOUR
 10. COLORBOND METAL ROOFING
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- 'WOODLAND GREY'
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 13. EXTERNAL PAVERS
 14. CLEAR GLASS WITH FROSTED FEATURE - AIRLOCK GLAZING
 15. CLEAR ANODISED ALUMINIUM WINDOW MULLION
 16. FIBRE CEMENT CLADDING 3
- DULUX 'WESTERN MYALL'



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Planning

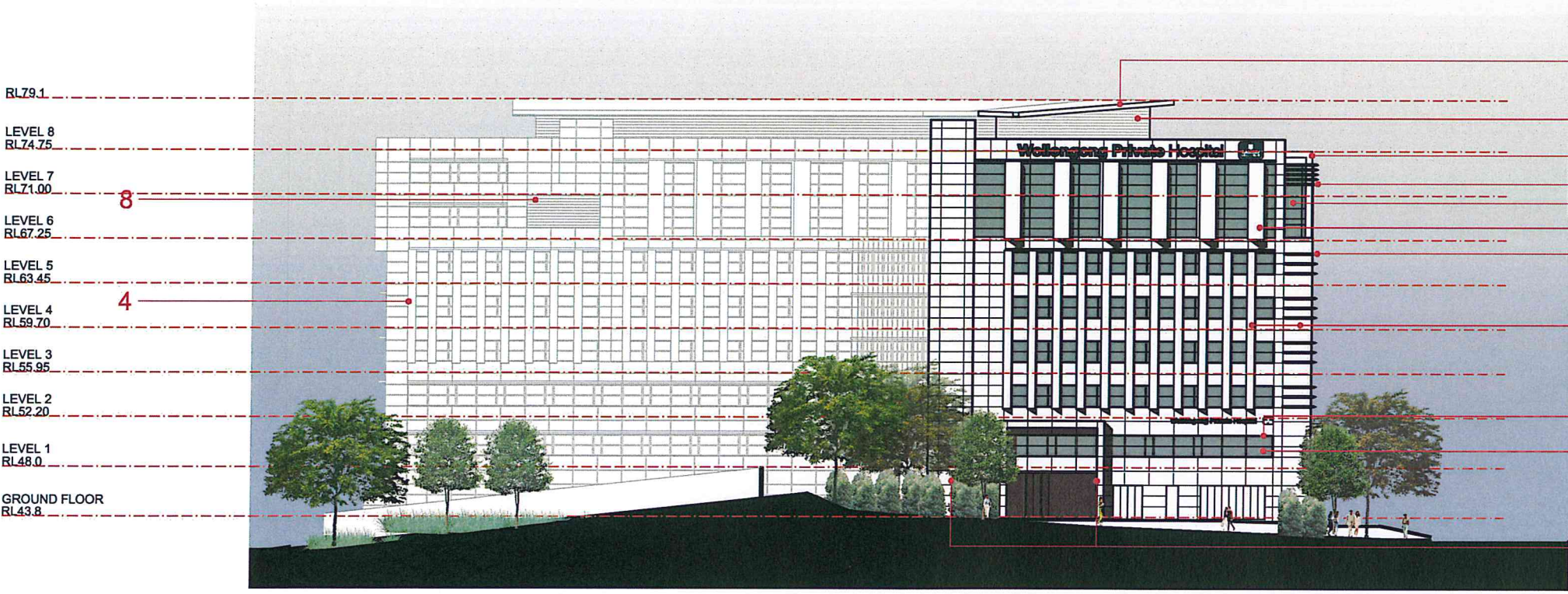
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Approved Application No. *MP07-0075 MOD1*

granted on the *14 November 2013*

Signed *[Signature]*

Sheet No. *15* of *34*



3	URUNGAPARADEACCESS	29.08.13	KC
	SHOWN		
2	LEGEND UPDATED	05.06.13	KC
	SIGNAGE REVISED		
1	FIRST ISSUE	03.06.13	SYH
Rev	Revision description	Date	By

Project
**WOLLONGONG
PRIVATE HOSPITAL**

Principal
AA CROWN HOLDINGS

USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.
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QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

Drawn
KC

Checked
HS

Date
17.05.13

Scale
1:500 @ A3

Drawing Title
URUNGA PARADE
AND WEST ELEVATIONS

HPI **HEALTH PROJECTS INTERNATIONAL**
Architects and Health Facility Planners
ACN 088 888 888
Ground Floor, Suite 1, 83 Alfred Street
Sydney, NSW 1587 2001
Ph: (02) 9450 4188 Fax: (02) 9450 4289

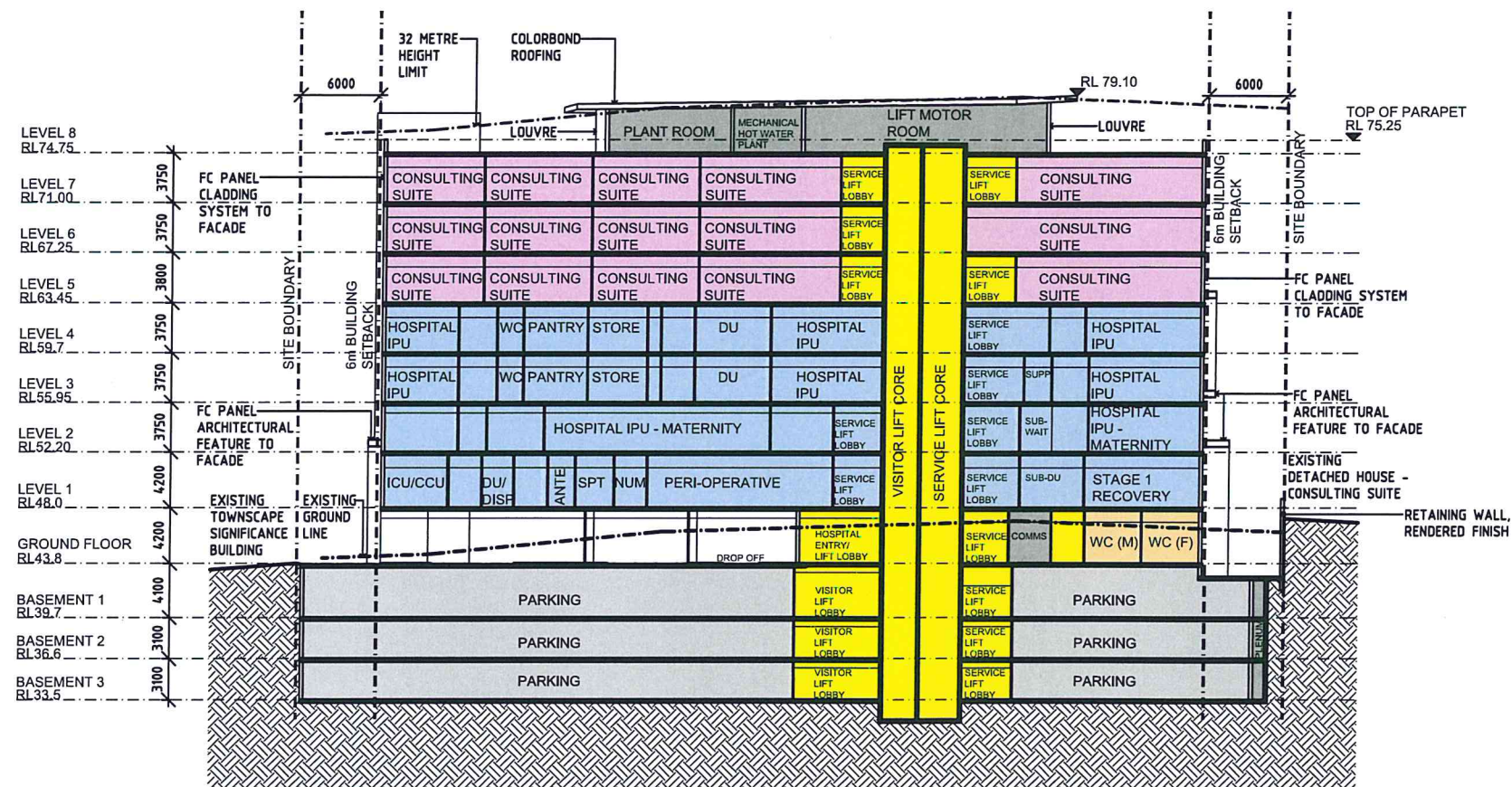
CAD File
WGPH-E-2

Dwg No.
WGPH-E-2-75W

Issue
3

LEGEND

- PRIVATE HOSPITAL
- COMMON AREAS
- TENANCY
- RETAIL
- ENGINEERING
- CARPARK
- TRAVEL



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Approved Application No. MP07-0070 MOD1

granted on the 19 November 2013

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Sheet No. 16 of 34

3	NOTES UPDATED	18.06.13	KC
2	RL REVISED	06.06.13	SYH
1	FIRST ISSUE	03.06.13	SYH
Rev	Revision description	Date	By

Project

**WOLLONGONG
PRIVATE HOSPITAL**

Principal

AA CROWN HOLDINGS

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Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

Drawn	Checked	Date	Scale
KC	HS	17.05.13	1:500 @ A3
Drawing Title			
SECTION - EAST-WEST			

HPI HEALTH PROJECTS INTERNATIONAL Architects and Health Facility Planners ACN 095 055 055 Ground Floor, Suite 11, 88 Alfred Street Sydney NSW, 1587 2061 Ph: (02) 9450 4188 Fax: (02) 9450 4289			CAD File	Dwg No.	Issue
			WGPH-SE-1	WGPH-SE-1-75W	3

LEGEND

- PRIVATE HOSPITAL
- COMMON AREAS
- TENANCY
- RETAIL
- ENGINEERING
- CARPARK
- TRAVEL



NSW GOVERNMENT
Planning

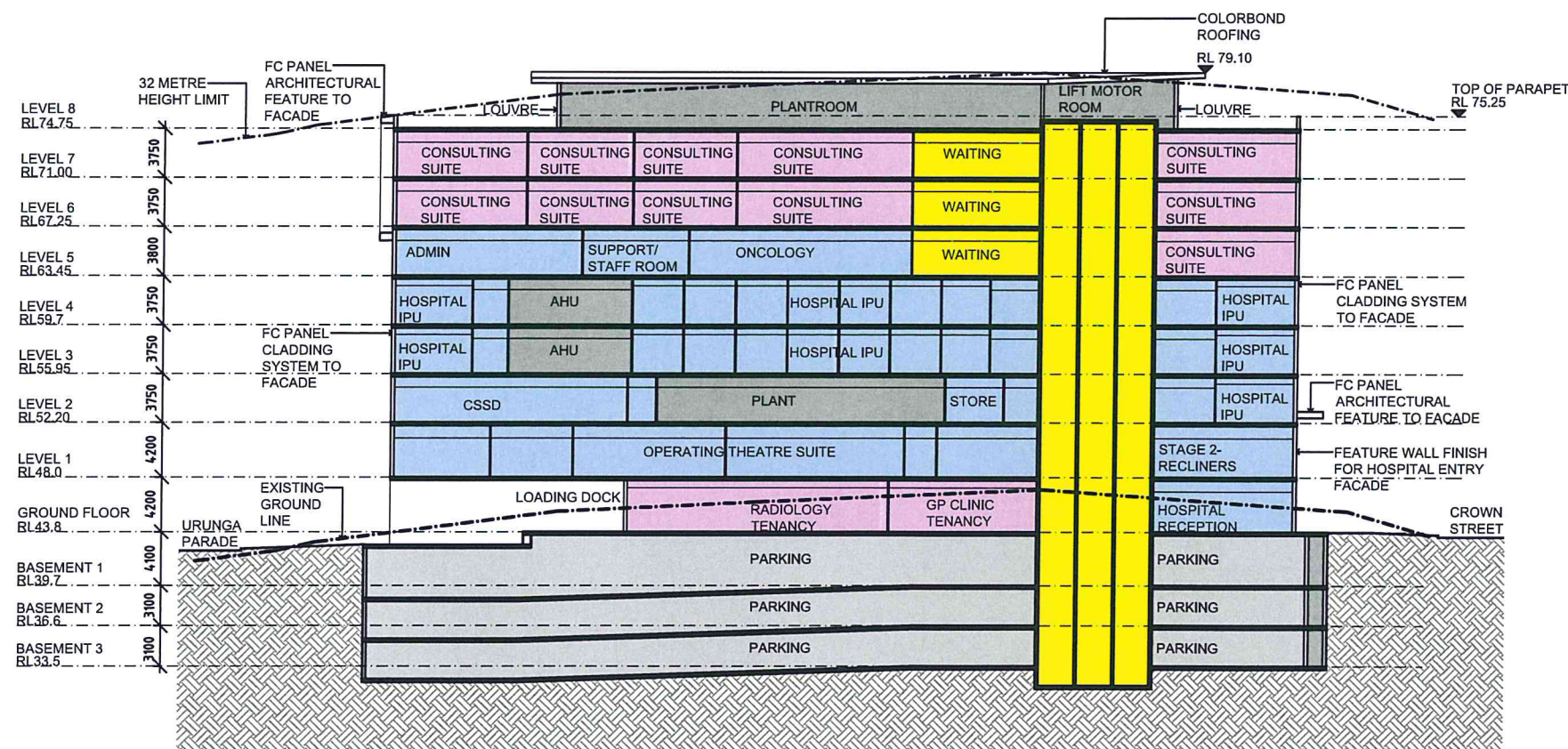
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Approved Application No. M/07-0070 MOD 1

granted on the 19 NOVEMBER 2013

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Sheet No. 17 of 34



3	NOTES UPDATED	18.06.13	KC
2	RL REVISED	06.06.13	SYH
1	FIRST ISSUE	03.06.13	SYH
Rev	Revision description	Date	By

Project
**WOLLONGONG
PRIVATE HOSPITAL**
Principal
AA CROWN HOLDINGS

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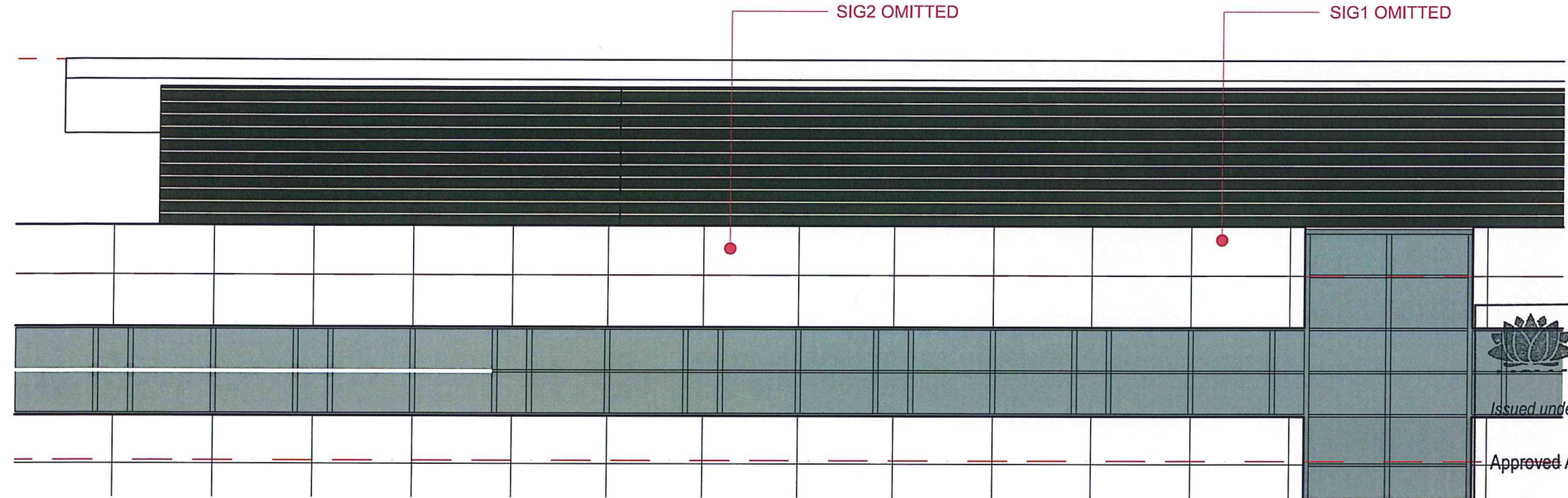
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QA
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Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

Drawn
KC
Checked
HS
Date
17.05.13
Scale
1:500 @ A3
Drawing Title
SECTION - NORTH-SOUTH

HPI HEALTH PROJECTS INTERNATIONAL
Architects and Health Facility Planners
ACN 094 050 050
Ground Floor, Suite 1, 88 Alfred Street
Wollongong NSW 2520
Ph: (02) 9450 4100 Fax: (02) 9450 4200
CAD File
WGPH-SE-2
Dwg No.
WGPH-SE-2-75W
Issue
3



- LEGEND**
- SIG1 OMITTED
 - SIG2 OMITTED
 - SIG3 TRANSLUCENT ACRYLIC INTERNALLY LITE BUILDING SIGNAGE FRONT, SIDE AND BACK (CMYK 100,55,0,55) SIGN TO BE 300mm DEEP AND MOUNTED ON CANOPY OF BUILDING



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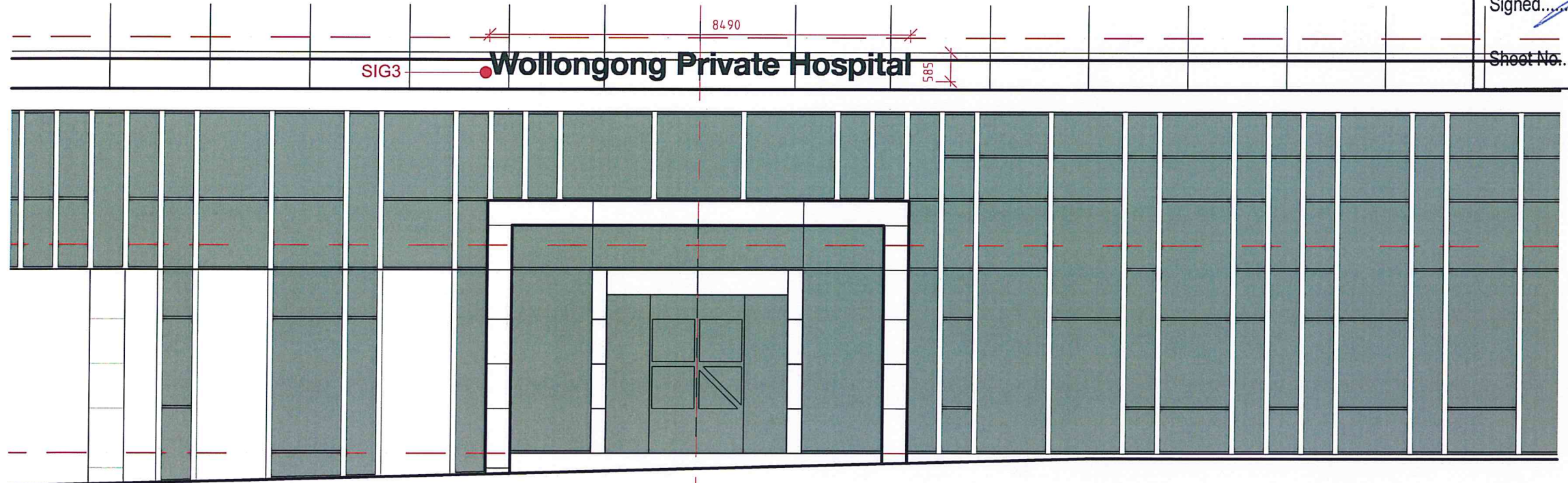
Approved Application No. *MPO7-0070 MOD1*

granted on the *17 November 2013*

Signed *[Signature]*

Sheet No. *18* of *34*

MAIN HOSPITAL LOGO SIGNAGE - CROWN STREET ELEVATION



CL OF FRONT DOOR ENTRY PORTAL
AND CANOPY SIGNAGE

HOSPITAL SIGNAGE ABOVE MAIN ENTRY - CROWN STREET ELEVATION

3	SIGNAGE REVISED	11.10.13	KC
2	SIGNAGE REVISED	10.10.13	KC
1	FIRST ISSUE	03.06.13	KC
Rev	Revision description	Date	By

Project
**WOLLONGONG
PRIVATE HOSPITAL**

Principal
AA CROWN HOLDINGS

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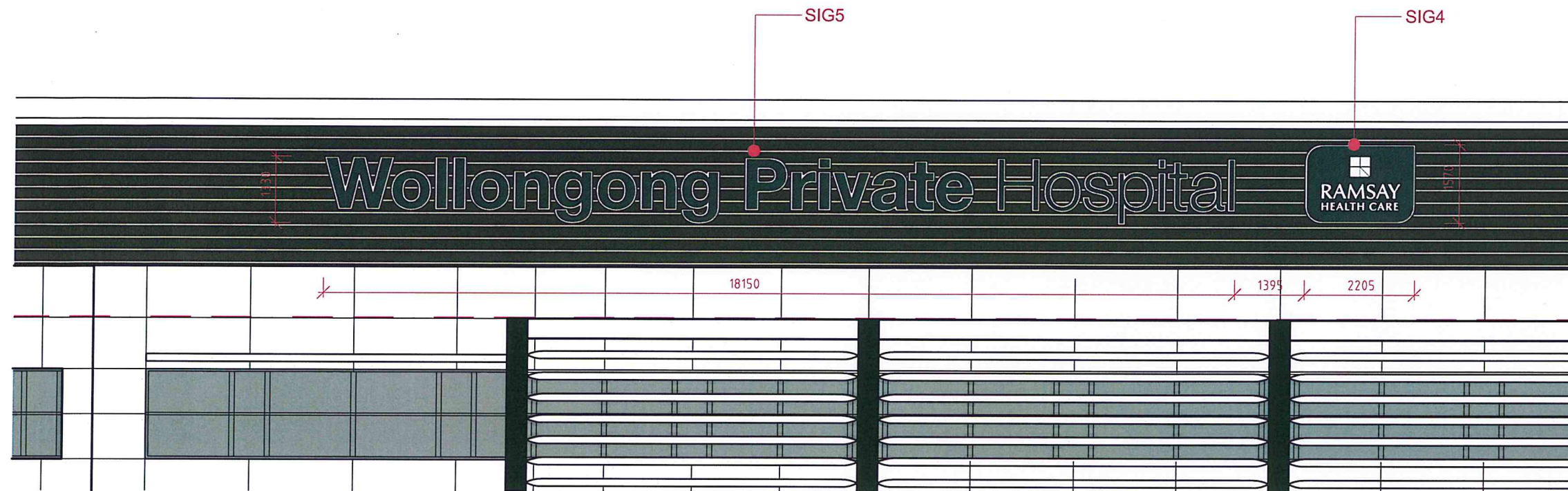
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QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

Drawn KC	Checked HMC	Date 03.06.13	Scale 1:100 @ A3
Drawing Title DETAIL - MAIN HOPITAL SIGNAGE FRONT FACADE			

HPI HEALTH PROJECTS INTERNATIONAL Architects and Health Facility Planners ACN 066 656 565 Ground Floor, Suite 1, 65 Alfred Street Wollongong, NSW 2521 Ph: (02) 9460 4199 Fax: (02) 9460 4299	CAD File WGPH-SIG-1	Dwg No. WGPH-SIG-1-75W	Issue 3
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MAIN HOSPITAL LOGO SIGNAGE - EAST ELEVATION

LEGEND

SIG4 ACRYLIC INTERNALLY LITE BUILDING SIGNAGE
FRONT -
BLUE TRANSLUCENT FRONT (CMYK 100,55,0,55)
WITH WHITE LOGO, LETTERS AND EDGE
SIDE -
WHITE TRANSLUCENT SIDES
SIGN TO BE 300mm DEEP AND MOUNTED ON
FACADE OF BUILDING

SIG5 ACRYLIC INTERNALLY LITE BUILDING SIGNAGE
FRONT -
BLUE TRANSLUCENT SURFACE
(CMYK 100,55,0,55) AND WHITE EDGE
SIDE -
WHITE TRANSLUCENT SIDES
SIGN TO BE 300mm DEEP AND MOUNTED ON
FACADE OF BUILDING



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Planning

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Approved Application No. MP07-0070 ROP1

granted on the 19 November 2013

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Sheet No. 19 of 34

2	SIGNAGE REVISED	10.10.13	KC
1	FIRST ISSUE	04.06.13	SYH
Rev	Revision description	Date	By

Project

**WOLLONGONG
PRIVATE HOSPITAL**

Principal

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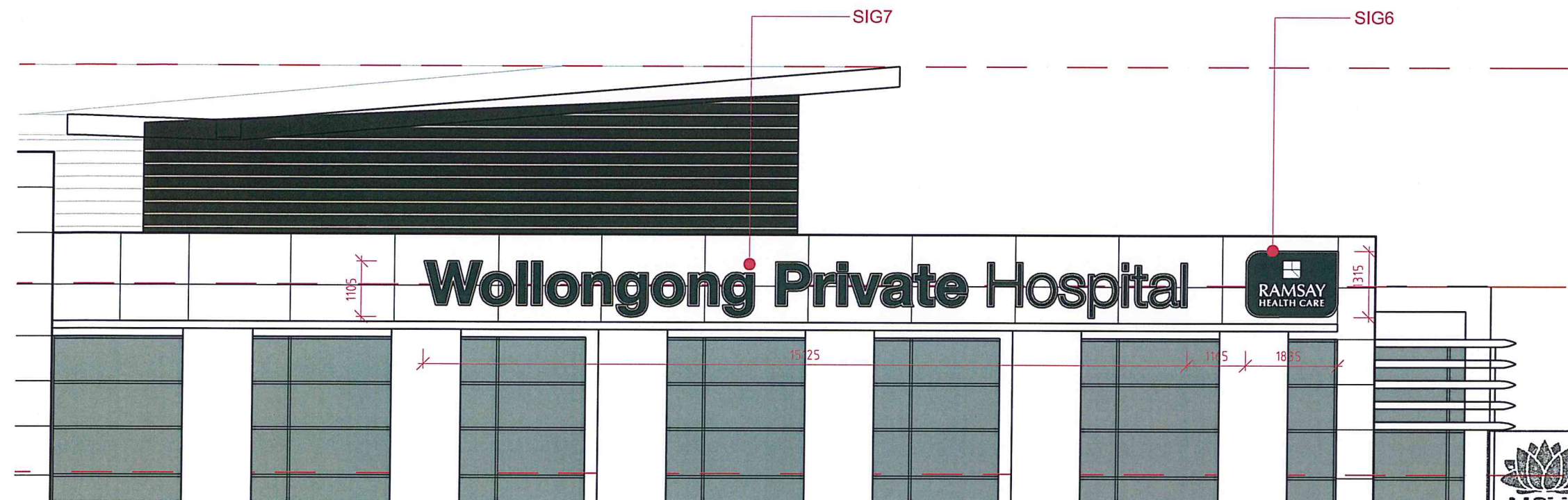
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ARCH			SPEC. CONS					
AUT			SERV					

Drawn	Checked	Date	Scale
SYH	HMC	03.06.13	1:100 @ A3

Drawing Title
DETAIL - MAIN HOSPITAL SIGNAGE
EAST ELEVATION

HPI HEALTH PROJECTS INTERNATIONAL Architects and Health Facility Planners ACN 056 856 585 Ground Floor, Suite 1, 65 Alfred Street Sydney, NSW, 1521 2051 Ph: (02) 9460 4100 Fax: (02) 9460 4290	CAD File WGPH-SIG-2	Dwg No. WGPH-SIG-2-75W	Issue 2
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HOSPITAL LOGO SIGNAGE - WEST ELEVATIONS



HOSPITAL LOGO SIGNAGE - WEST ELEVATION

- LEGEND**
- SIG6 ACRYLIC INTERNALLY LITE BUILDING SIGNAGE
FRONT -
BLUE TRANSLUCENT FRONT (CMYK 100,55,0,55)
WITH WHITE LOGO, LETTERS AND EDGE
SIDE -
WHITE TRANSLUCENT SIDES
SIGN TO BE 300mm DEEP AND MOUNTED ON
FACADE OF BUILDING
 - SIG7 ACRYLIC INTERNALLY LITE BUILDING SIGNAGE
FRONT -
BLUE SOLID SURFACE
(CMYK 100,55,0,55) AND WHITE EDGE
SIDE -
WHITE TRANSLUCENT SIDES
SIGN TO BE 300mm DEEP AND MOUNTED ON
FACADE OF BUILDING
 - SIG8 PERSPEX LAMP LITE BUILDING SIGNAGE
SIGN TO BE MOUNTED ON FACADE
 - SIG9 PERSPEX LAMP LITE BUILDING SIGNAGE
SIGN TO BE MOUNTED ON FACADE



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Planning

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granted on the 17 November 2013

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Sheet No. 20 of 34

3	SIGNAGE REVISED	11.10.13	KC
2	SIGNAGE REVISED	10.10.13	KC
1	FIRST ISSUE	10.06.13	SYH
Rev	Revision description	Date	By

Project
**WOLLONGONG
PRIVATE HOSPITAL**

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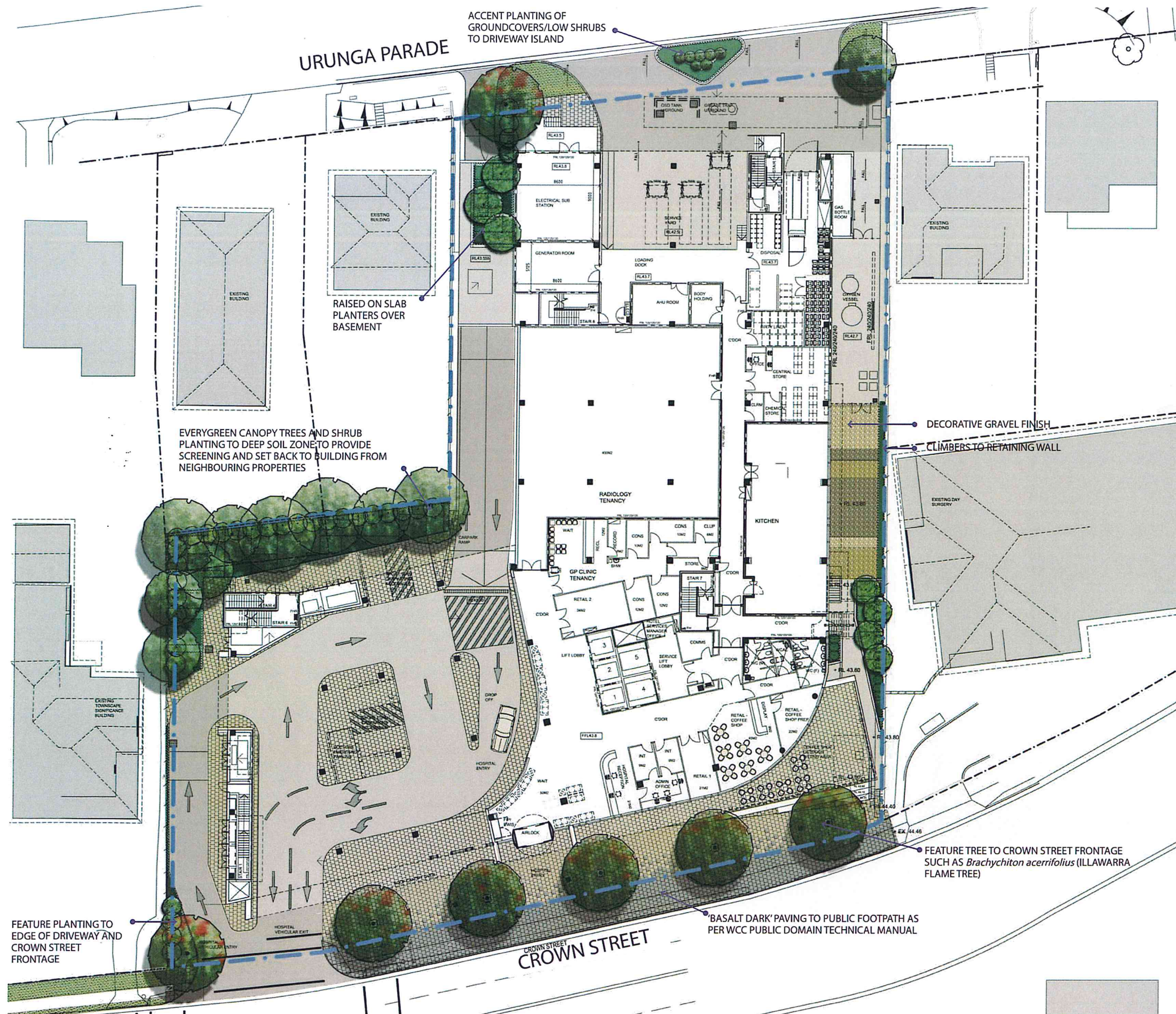
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QA
CHECK

Subject	By	Date	Subject	By	Date	Subject	By	Date
RDS			STRUCT			PROJ. ARCH		
ARCH			SPEC. CONS					
AUT			SERV					

Drawn	Checked	Date	Scale
SYH	HMC	03.06.13	1:100 @ A3
Drawing Title DETAIL - MAIN HOPITAL SIGNAGE WEST ELEVATION			

HPI HEALTH PROJECTS INTERNATIONAL Architects and Health Facility Planners ACN 656 556 565 Ground Floor, Suite 1, 65 Alfred Street Sydney, NSW 1585 Ph: (02) 9460 4199 Fax: (02) 9460 4299	CAD File WGPH-SIG-3	Dwg No. WGPH-SIG-3-75W	Issue 3
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LEGEND

SITE BOUNDARY

EVERGREEN CANOPY PLANTING WITH SHRUB UNDERSTOREY

NSW GOVERNMENT PLANTING

FEATURE TREE PLANTING

RAISED ON-SLAB PLANTER

Approved under the Environmental Planning and Assessment Act 1979

Approved Application No. **MP07-0070 MOD1**

MEDIUM TREES & SHRUBS PLANTING

granted on the **17 November 2013**

FEATURE PAVING TO BUILDING

Signed **[Signature]**

DECORATIVE GRAVEL

Sheet No. **21** of **34**

PLANT IMAGES



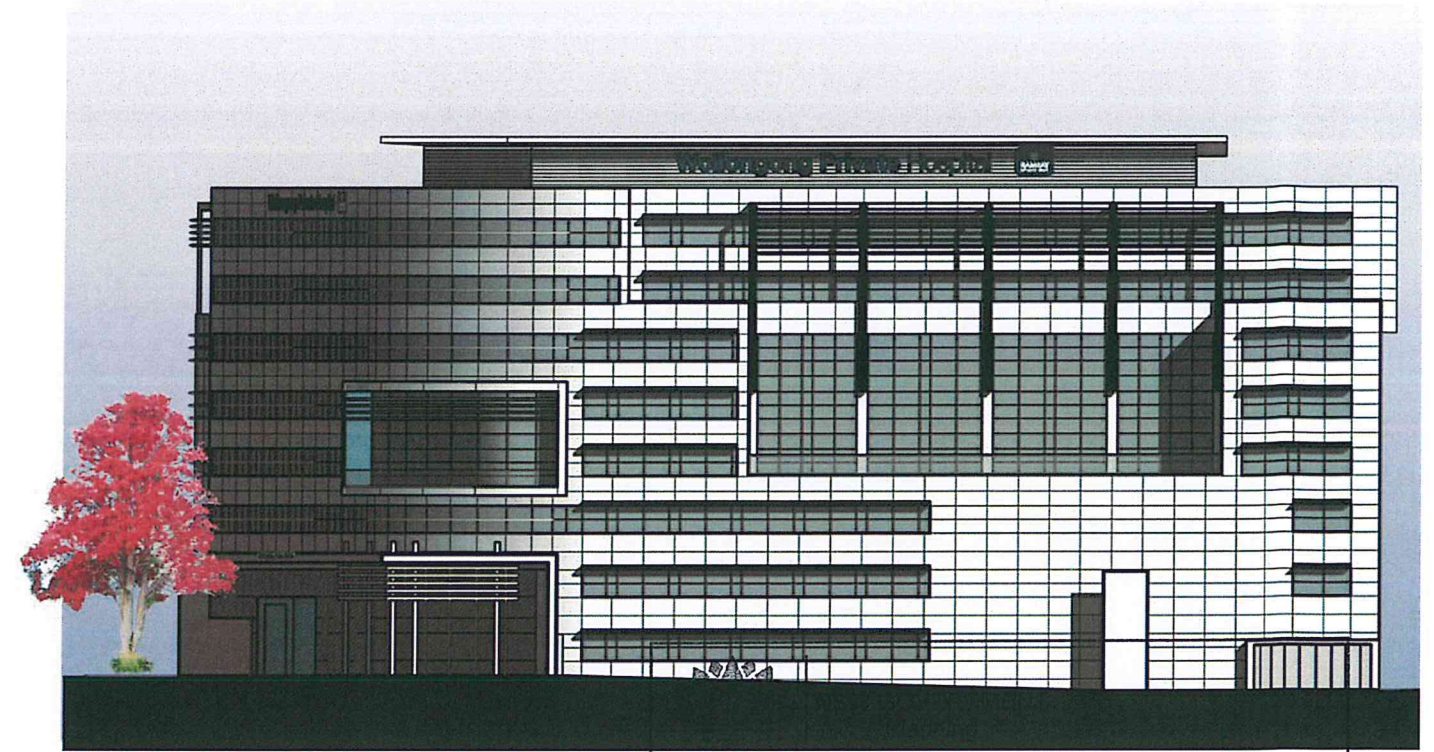
PLANT SCHEDULE

PLANTING PALLETTE - Ground Floor			
Botanic Name	Common Name	Botanic Name	Common Name
TREES		GROUNDCOVERS	
Cupaniopsis anacardioides	Tuckeroo	Aptenia cordifolia	Heartleaf Ice Plant
Glochidion ferdinandi	Cheese Tree	Brachyscome multifida	Rock Daisy
Tibouchina x 'Alstonville'	Laslandia	Carpobrotus glaucescens	Pig Face
FEATURE TREES		Cerastium tomentosum	Snow in Summer
Brachychiton acerifolius	Illawarra Flame Tree	Graptopetalum paraguayense	Mother of Pearl Plant
Ulmus parvifolia	Chinese Elm	Sedum rubrotinctum	Jelly Bean Plant
SCREENING TREES		Senecio jacobinae	Houseleek
Acmena smithii	Lilly Pilly	Senecio serpens	Blue Chalk Sticks
Elaeocarpus reticulatus	Blueberry Ash	Stachys byzantina	Lambs Ears
SHRUBS		CLIMBERS	
Acalypha wilkesiana	Fijian Fire Plant	Pandorea pandorana	Wonga Wonga Vine
Callistemon citrinus 'Endeavour'	Crimson Bottlebrush	Pyrostegia venusta	Orange Trumpet Creeper
Callistemon viminalis	Weeping Bottlebrush	Rosa banksia	Banksia Rose
Camellia japonica	Japanese Camellia	Trachelospermum jasminoides	Star Jasmine
Cordyline fruticosa	Cordyline		
Cordyline stricta	Narrow Leaved Palm Lily		
Dorstenia excelsa	Gymea Lily		
Escallonia macrantha	Common Escallonia		
Gardenia jasminoides	Gardenia		





CROWN STREET ELEVATION



EAST ELEVATION

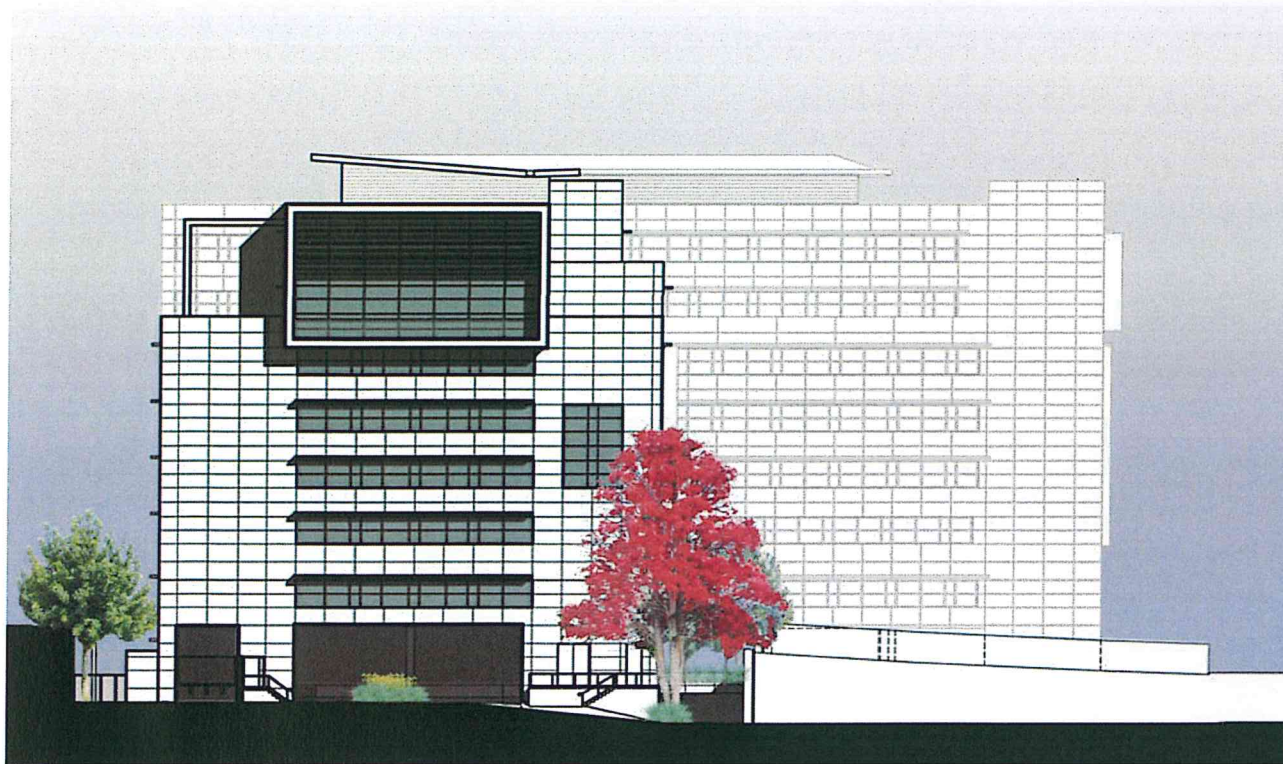
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. MPO2 0070 MOD 1

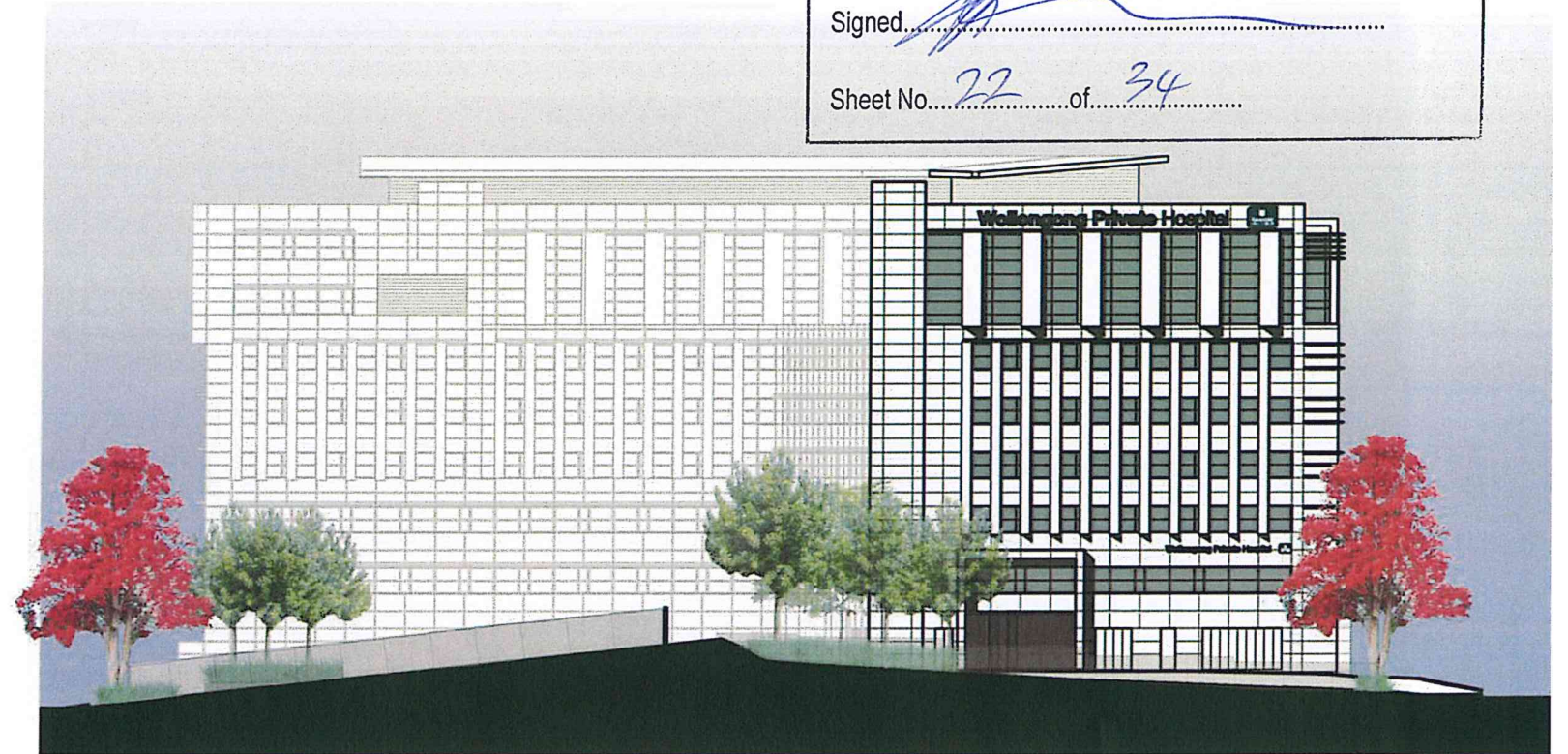
granted on the 19 November 2015

Signed [Signature]

Sheet No. 22 of 34



URUNGA PARADE ELEVATION



WEST ELEVATION



PROPOSED PRIVATE HOSPITAL 360-364 CROWN STREET WOLLONGONG NSW CIVIL ENGINEERING WORKS

SITWORKS NOTES

- DATUM A.H.D.
- ORIGIN OF LEVELS. REFER TO BENCH OR STATE SURVEY MARKS WHERE SHOWN ON PLAN.
- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
- ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS & THE DIRECTIONS OF THE SUPERINTENDENT.
- EXISTING SERVICES UNLESS SHOWN ON SURVEY PLAN HAVE BEEN PLOTTED FROM SERVICES SEARCH PLANS AND AS SUCH THEIR ACCURACY CANNOT BE GUARANTEED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY.
- WHERE NEW WORKS ABOUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS ACHIEVED.
- THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR.
- CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATION IS TO BE UNDERTAKEN OVER TELSTRA OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.
- CONTRACTOR TO OBTAIN AUTHORITY APPROVALS WHERE APPLICABLE.
- MAKE SMOOTH TRANSITION TO EXISTING SURFACES AND MAKE GOOD.
- THESE PLANS SHALL BE READ IN CONJUNCTION WITH APPROVED LANDSCAPE, ARCHITECTURAL, STRUCTURAL, HYDRAULIC AND MECHANICAL DRAWINGS AND SPECIFICATIONS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED RELATING TO DEVELOPMENT AT THE SITE.
- TRENCHES THROUGH EXISTING ROAD AND CONCRETE PAVEMENTS SHALL BE SAWCUT TO FULL DEPTH OF CONCRETE AND A MINIMUM OF 50mm IN BITUMINOUS PAVING.
- ALL BRANCH GAS AND WATER SERVICES UNDER DRIVEWAYS AND BRICK PAVING SHALL BE LOCATED IN 800 uPVC SEWER GRADE CONDUITS EXTENDING A MINIMUM OF 500mm BEYOND EDGE OF PAVING.
- GRADES TO PAVEMENTS TO BE AS IMPLIED BY RL'S ON PLAN. GRADE EVENLY BETWEEN NOMINATED RL'S. AREAS EXHIBITING PONDING GREATER THAN 5mm DEPTH WILL NOT BE ACCEPTED UNLESS IN A DESIGNATED SAG POINT.
- ALL COVERS AND GRATES ETC TO EXISTING SERVICE UTILITIES ARE TO BE ADJUSTED TO SUIT NEW FINISHED SURFACE LEVELS WHERE APPLICABLE



LOCALITY PLAN
N.T.S.

TELSTRA - DUTY OF CARE NOTE

TELSTRA'S PLANS SHOW ONLY THE PRESENCE OF CABLES AND PLANT. THEY ONLY SHOW THEIR POSITION RELATIVE TO ROAD BOUNDARIES, PROPERTY FENCES ETC. AT THE TIME OF INSTALLATION AND TELSTRA DOES NOT WARRANT OR UPHOLD THAT SUCH PLANS ARE ACCURATE THEREAFTER DUE TO CHANGES THAT MAY OCCUR OVER TIME. THE CONTRACTOR HAS A DUTY OF CARE WHEN EXCAVATING NEAR TELSTRA CABLES AND PLANT. BEFORE USING MACHINE EXCAVATORS TELSTRA PLANT MUST FIRST BE PHYSICALLY EXPOSED BY SOFT DIG POT-HOLING TO IDENTIFY ITS LOCATION. TELSTRA WILL SEEK COMPENSATION FOR DAMAGES CAUSED TO ITS PROPERTY AND LOSSES CAUSED TO TELSTRA AND ITS CUSTOMERS.

GENERAL NOTES:

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH WOLLONGONG CITY COUNCIL CONSTRUCTION SPECIFICATION. CONTRACTOR TO OBTAIN AND RETAIN A COPY ON SITE DURING THE COURSE OF THE WORKS.
- ALL NEW WORKS ARE TO MAKE A SMOOTH JUNCTION WITH EXISTING CONDITIONS, AND MARRY IN A 'WORKMANLIKE' MANNER.
- THE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL SERVICES WITH EACH RELEVANT AUTHORITY. ANY DAMAGE TO SERVICES SHALL BE RECTIFIED BY THE CONTRACTOR OR THE RELEVANT AUTHORITY AT THE CONTRACTOR'S EXPENSE. SERVICES SHOWN ON THESE PLANS ARE ONLY THOSE EVIDENT AT THE TIME OF SURVEY OR AS DETERMINED FROM SERVICE DIAGRAMS. HENRY AND HYMAS CONSULTING PTY. LTD. CANNOT GUARANTEE THE INFORMATION SHOWN NOR ACCEPT ANY RESPONSIBILITY FOR INACCURACIES OR INCOMPLETE DATA.
- SERVICES & ACCESSSES TO THE EXISTING PROPERTIES ARE TO BE MAINTAINED IN WORKING ORDER AT ALL TIMES DURING CONSTRUCTION.
- ADJUST EXISTING SERVICE COVERS TO SUIT NEW FINISHED LEVELS TO RELEVANT AUTHORITY REQUIREMENTS WHERE NECESSARY.
- REINSTATE AND STABILISE ALL DISTURBED LANDSCAPED AREAS.
- MINIMUM GRADE OF SUBSOIL SHALL BE 0.5% (1:200) FALL TO OUTLETS.
- ALL TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES ARE TO BE CONSTRUCTED, PLACED AND MAINTAINED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS, EROSION AND SEDIMENTATION CONTROL PLAN AND SWMP REQUIREMENTS WHERE APPLICABLE.
- CONTRACTOR TO CHECK AND CONFIRM SITE DRAINAGE CONNECTIONS ACROSS THE VERGE PRIOR TO COMMENCEMENT OF SITE DRAINAGE WORKS.
- PROPERTIES AFFECTED BY THE WORKS ARE TO BE NOTIFIED IN ADVANCE WHERE DISRUPTION TO EXISTING ACCESS IS LIKELY.

EXISTING SERVICES & FEATURES

- THE CONTRACTOR SHALL ALLOW FOR THE CAPPING OFF, EXCAVATION AND REMOVAL (IF REQUIRED) OF ALL EXISTING SERVICES IN AREAS AFFECTED BY WORKS WITHIN THE CONTRACT AREA OR AS SHOWN ON THE DRAWINGS UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT.
- THE CONTRACTOR SHALL ENSURE THAT AT ALL TIMES SERVICES TO ALL BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED.
- PRIOR TO COMMENCEMENT OF ANY WORKS THE CONTRACTOR SHALL GAIN APPROVAL OF HIS PROGRAM FOR THE RELOCATION/ CONSTRUCTION OF TEMPORARY SERVICES.
- CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN SUPPLY TO EXISTING BUILDING REMAINING IN OPERATION DURING WORKS TO THE SATISFACTION AND APPROVAL OF THE SUPERINTENDENT. ONCE DIVERSION IS COMPLETE AND COMMISSIONED, THE CONTRACTOR SHALL REMOVE ALL SUCH TEMPORARY SERVICES AND MAKE GOOD TO THE SATISFACTION OF THE SUPERINTENDENT.
- INTERRUPTION TO SUPPLY OF EXISTING SERVICES SHALL BE DONE SO AS NOT TO CAUSE ANY INCONVENIENCE TO THE PRINCIPAL. CONTRACTOR TO GAIN APPROVAL FROM THE SUPERINTENDENT FOR TIME OF INTERRUPTION.
- EXISTING SERVICES, BUILDINGS, EXTERNAL STRUCTURES AND TREES SHOWN ON THESE DRAWINGS ARE EXISTING FEATURES PRIOR TO ANY DEMOLITION WORKS.
- EXISTING SERVICES UNLESS SHOWN ON SURVEY PLAN HAVE BEEN PLOTTED FROM SERVICES SEARCH PLANS AND AS SUCH THEIR ACCURACY CANNOT BE GUARANTEED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE A DIAL BEFORE YOU DIG SEARCH AND TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY.
- ALL BRANCH GAS AND WATER SERVICES UNDER DRIVEWAYS AND BRICK PAVING SHALL BE LOCATED IN 800 uPVC SEWER GRADE CONDUITS EXTENDING A MINIMUM OF 500mm BEYOND EDGE OF PAVING.

DRAWING SCHEDULE

13117_DA_C000	COVER SHEET, DRAWING SCHEDULE, NOTES & LOCALITY SKETCH
13117_DA_C100	GENERAL ARRANGEMENT PLAN GROUND FLOOR LEVEL
13117_DA_C101	GENERAL ARRANGEMENT PLAN BASEMENT LEVEL 1
13117_DA_C103	GENERAL ARRANGEMENT PLAN BASEMENT LEVEL 3
13117_DA_C200	STORMWATER MISCELLANEOUS DETAILS & PIT LID SCHEDULE
13117_DA_C201	OSD TANK PLAN, SECTIONS & DETAILS
13117_DA_C250	STORMWATER CATCHMENT PLAN POST-DEVELOPMENT
13117_DA_C251	STORMWATER CATCHMENT PLAN PRE-DEVELOPMENT
13117_DA_SE01	SEDIMENT & EROSION CONTROL PLAN
13117_DA_SE02	SEDIMENT & EROSION CONTROL TYPICAL SECTIONS & DETAILS

SURVEY NOTES

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY SURVEYOR SPECIFIED IN THE TITLE BLOCK.

THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. HENRY AND HYMAS PTY. LTD. DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAWINGS.

SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA, CONTACT HENRY AND HYMAS PTY. LTD. THE FOLLOWING NOTES HAVE BEEN TAKEN DIRECTLY FROM ORIGINAL SURVEY DOCUMENTS.

ORIGIN OF LEVELS: SSM 69076, RL 45.408
DATUM: AHD



NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. MP02-0070 MOD 1

granted on the 19 November 2013

Signed [Signature]

Sheet No. 23 of 34

SECTION 75W

SURVEY INFORMATION

HIGGINS SURVEYORS
DATUM: AHD
ORIGIN OF LEVELS: SSM 69076, RL 45.408

REVISION	AMENDMENT	DATE	REVISION	AMENDMENT	DATE
1	ISSUED FOR DA APPROVAL	31.05.2013			

Client
AA CROWN HOLDINGS PTY LTD

Architect
HEALTH PROJECTS INTERNATIONAL

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HENRY & HYMAS

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CHATSWOOD NSW 2067

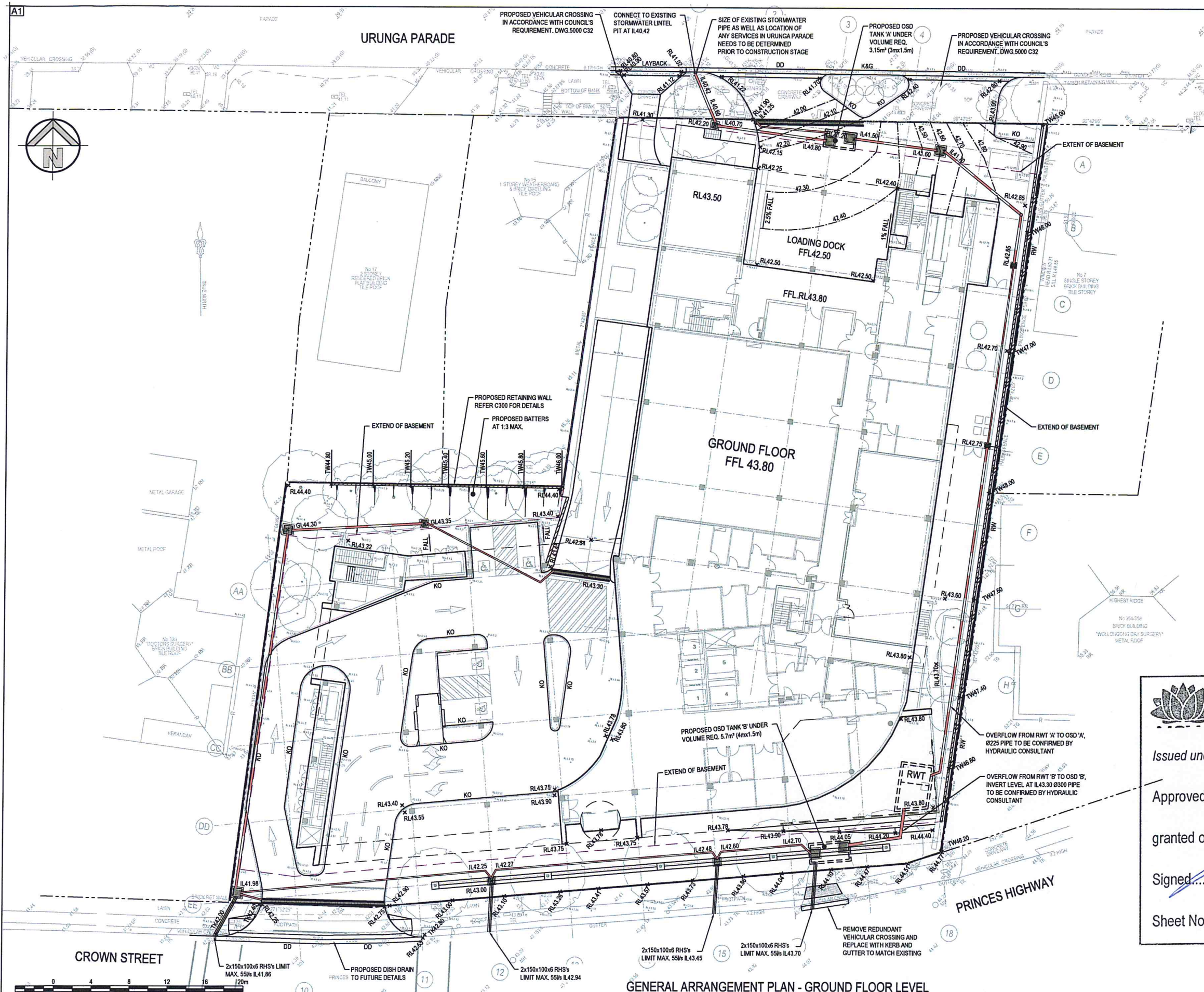
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Project
PROPOSED PRIVATE HOSPITAL
360-364 CROWN STREET WOLLONGONG

Title
COVER SHEET, DRAWING SCHEDULE,
NOTES & LOCALITY SKETCH

Drawn J.Liu	Designed B.Seizov	Date MAY 2013
Checked B.Seizov	Approved A.Francis	Scale N.T.S.
Drawing number 13117_DA_C000	Revision 01	



- LEGEND**
- EXISTING BOUNDARY
 - PROPOSED SUBSOIL LINE
 - PROPOSED RIDGE LINE
 - PROPOSED VALLEY LINE
 - PROPOSED JUNCTION PITS
 - PROPOSED SURFACE INLET PITS
 - PROPOSED PIT TAG
 - STORMWATER UPSTREAM INVERT RL
 - STORMWATER PIPE DIAMETER & CLASS
 - STORMWATER PIPE LENGTH
 - STORMWATER PIPE GRADE
 - STORMWATER DOWNSTREAM INVERT RL
 - PROPOSED GRATED DRAIN
 - PROPOSED STORMWATER PIPE
 - PROPOSED BATTER LINE
 - PROPOSED SPOT LEVEL
 - PROPOSED KERB ONLY
 - PROPOSED RETAINING WALL
 - PROPOSED RISING MAIN
 - TOP OF RETAINING WALL LEVEL
 - BOTTOM OF RETAINING WALL LEVEL
 - PROPOSED STORMWATER LINE
 - PROPOSED KERB & GUTTER
 - PROPOSED KERB ONLY
 - PROPOSED DISH DRAIN



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Planning

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Approved Application No. 11/07/0070 MDP1

granted on the 19 November 2013

Signed [Signature]

Sheet No. 24 of 34

GENERAL ARRANGEMENT PLAN - GROUND FLOOR LEVEL

SECTION 75W

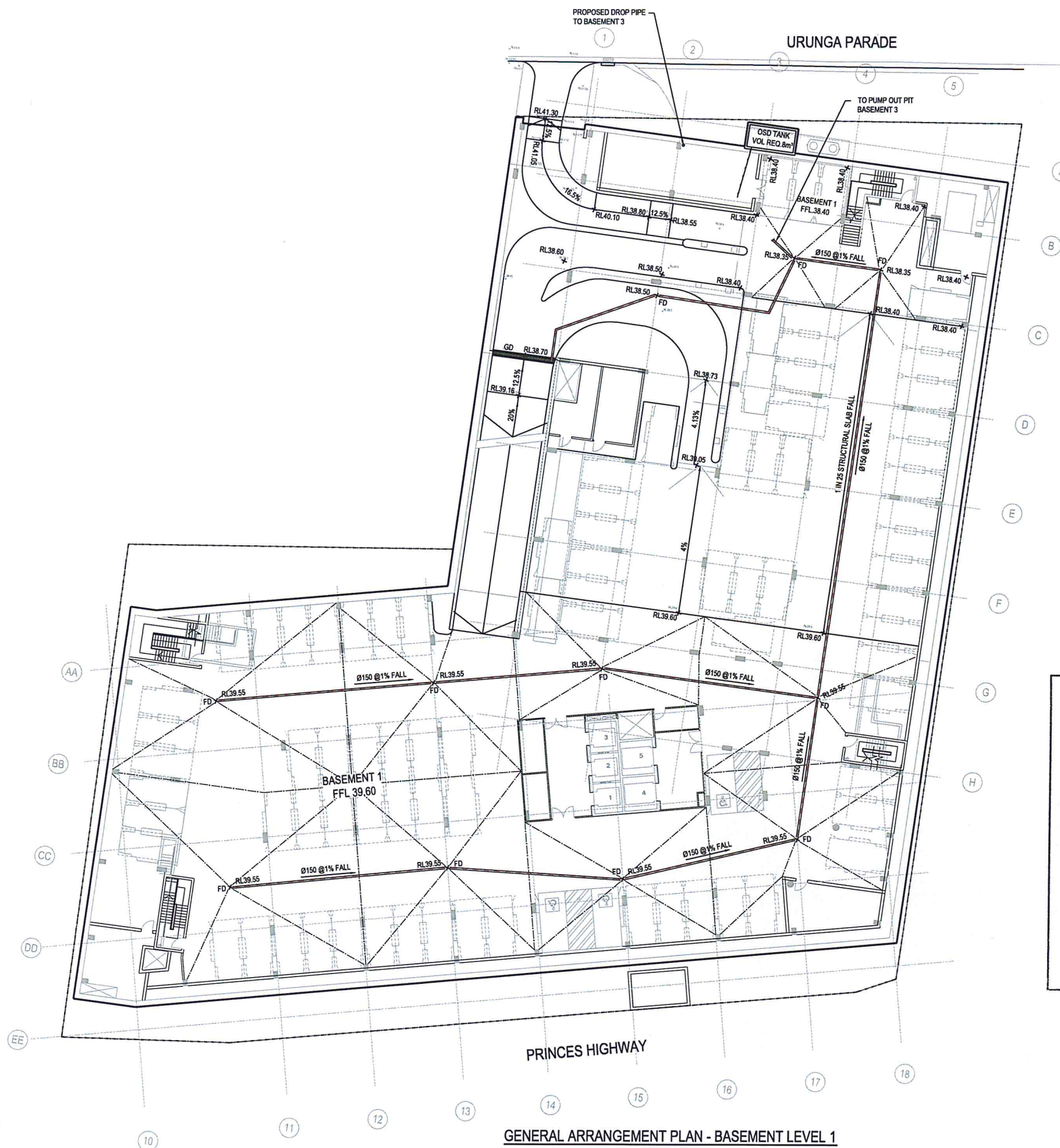
07	RE-ISSUED FOR DA APPROVAL	01/10/2013			
06	RE-ISSUED FOR DA APPROVAL	29/08/2013			
05	RE-ISSUED FOR DA APPROVAL	13/07/2013			
04	RE-ISSUED FOR DA APPROVAL	17/06/2013			
03	RE-ISSUED FOR DA APPROVAL	07/06/2013			
02	RE-ISSUED FOR DA APPROVAL	31/05/2013			
01	ISSUED FOR DA APPROVAL	30/05/2013	08	RE-ISSUED FOR DA APPROVAL	11/10/2013
REVISION	AMENDMENT	DATE	REVISION	AMENDMENT	DATE

Client
AA CROWN HOLDINGS PTY LTD
Architect
HEALTH PROJECTS INTERNATIONAL
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Web : www.henryhyman.com.au

Project
**PROPOSED PRIVATE HOSPITAL
360-364 CROWN STREET WOLLONGONG**
Title
**GENERAL ARRANGEMENT PLAN
GROUND FLOOR LEVEL**

Drawn J.Liu	Designed B.Seizov	Date SEP 2013
Checked B.Seizov	Approved A.Francis	Scale 1:200 @ A1
Drawing number 13117_DA_C100	Revision 08	



GENERAL ARRANGEMENT PLAN - BASEMENT LEVEL 1

SCALE: 1:200

0 4 8 12 16 20m
SCALE 1:200



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Planning

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Approved Application No. MP07-0070 N001

granted on the 19 November 2013

Signed [Signature]

Sheet No. 25 of 34

SECTION 75W

REVISION	AMENDMENT	DATE	REVISION	AMENDMENT	DATE
04	ISSUED FOR DA APPROVAL	31.08.2013			
03	ISSUED FOR DA APPROVAL	28.08.2013			
02	ISSUED FOR DA APPROVAL	10.07.2013			
01	ISSUED FOR DA APPROVAL	30.05.2013			

Client: AA CROWN HOLDINGS PTY LTD

Architect: HEALTH PROJECTS INTERNATIONAL

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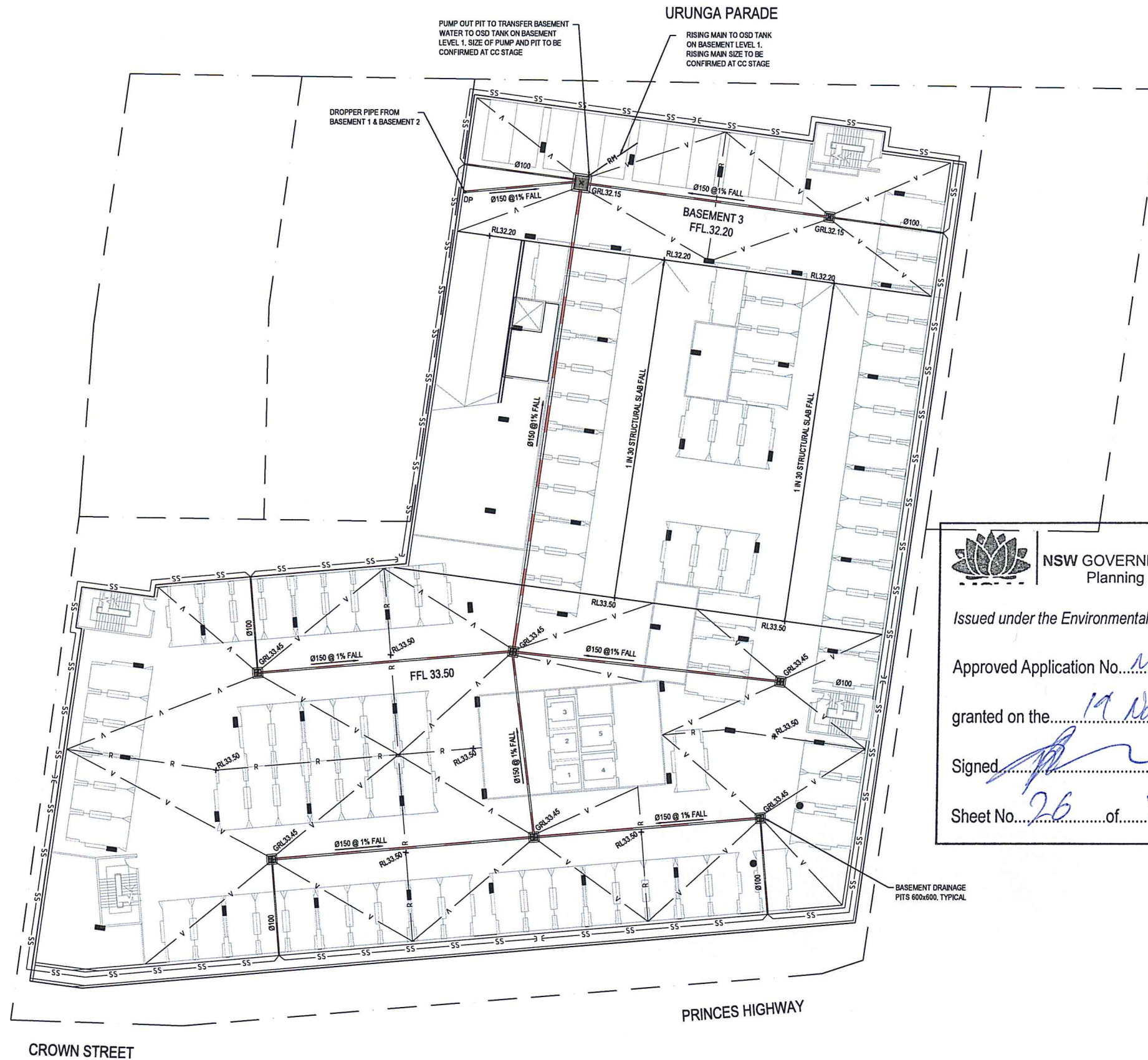
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Fax: 02 9417 8337
Email: enquiries@henryhyman.com.au
Web: www.henryhyman.com.au



Project: PROPOSED PRIVATE HOSPITAL
360-364 CROWN STREET WOLLONGONG

Title: GENERAL ARRANGEMENT PLAN
BASEMENT LEVEL 1

Drawn: J.Liu	Designed: B.Selzov	Date: MAY 2013
Checked: B.Selzov	Approved: A.Francis	Scale: 1:200 @ A1
Drawing number: 13117_DA_C101	Revision: 04	



NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. MPO7-0070 add1

granted on the 19 NOVEMBER 2013

Signed [Signature]

Sheet No. 26 of 34

0 4 8 12 16 20m
SCALE 1:200

GENERAL ARRANGEMENT PLAN - BASEMENT LEVEL 3

SCALE: 1:200

1	ISSUED FOR DA APPROVAL	13.07.2013			
2	AMENDMENT				
3	REVISION				

Client
AA CROWN HOLDINGS PTY LTD

Architect
HEALTH PROJECTS INTERNATIONAL

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HENRY & HYMAN

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Project
PROPOSED PRIVATE HOSPITAL
360-364 CROWN STREET WOLLONGONG

Title
GENERAL ARRANGEMENT PLAN
BASEMENT LEVEL 3

Drawn J.Liu	Designed B.Seizov	Date MAY 2013
Checked B.Seizov	Approved A.Francis	Scale 1:200 @ A1
Drawing number 13117_DA_C103	Revision 01	

SECTION 75W



GENERAL ARRANGEMENT PLAN - CROWN STREET

SCALE: 1:200

NSW GOVERNMENT
Planning

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Approved Application No. MP07-0070 MOD 1granted on the 19 November 2013Signed [Signature]Sheet No. 27 of 34

LEGEND

— E — E —	EXISTING ELECTRICAL MAINS LINE
— G — G —	EXISTING GAS LINE
— S — S —	EXISTING SEWER LINE
— T — T —	EXISTING TELSTRA LINES
— W — W —	EXISTING WATER LINE
— SW — SW —	EXISTING STORMWATER
— OP — OP —	EXISTING OPTUS

SECTION 75W

Client	AA CROWN HOLDINGS PTY LTD
Architect	HEALTH PROJECTS INTERNATIONAL
Drawn	J.Liu
Checked	B.Seizov
Approved	A.Francis
Drawn number	13117_DA_C110
Revision	01

Client	AA CROWN HOLDINGS PTY LTD
Architect	HEALTH PROJECTS INTERNATIONAL
Drawn	J.Liu
Checked	B.Seizov
Approved	A.Francis
Drawn number	13117_DA_C110
Revision	01

Client	AA CROWN HOLDINGS PTY LTD
Architect	HEALTH PROJECTS INTERNATIONAL
Drawn	J.Liu
Checked	B.Seizov
Approved	A.Francis
Drawn number	13117_DA_C110
Revision	01

Client	AA CROWN HOLDINGS PTY LTD
Architect	HEALTH PROJECTS INTERNATIONAL
Drawn	J.Liu
Checked	B.Seizov
Approved	A.Francis
Drawn number	13117_DA_C110
Revision	01

Client	AA CROWN HOLDINGS PTY LTD
Architect	HEALTH PROJECTS INTERNATIONAL
Drawn	J.Liu
Checked	B.Seizov
Approved	A.Francis
Drawn number	13117_DA_C110
Revision	01

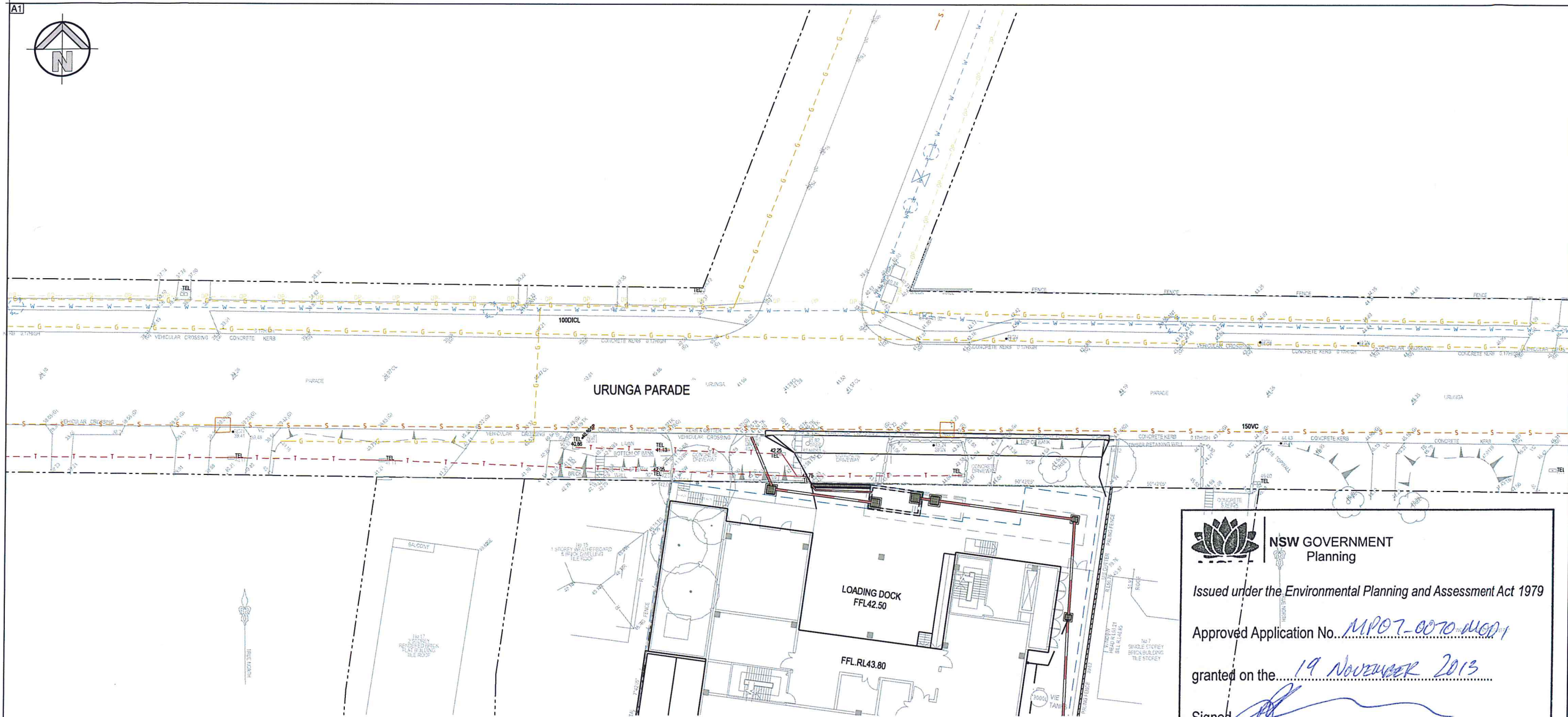
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Client	AA CROWN HOLDINGS PTY LTD
Architect	HEALTH PROJECTS INTERNATIONAL
Drawn	J.Liu
Checked	B.Seizov
Approved	A.Francis
Drawn number	13117_DA_C110
Revision	01

Client	AA CROWN HOLDINGS PTY LTD
Architect	HEALTH PROJECTS INTERNATIONAL
Drawn	J.Liu
Checked	B.Seizov
Approved	A.Francis
Drawn number	13117_DA_C110
Revision	01

A1



GENERAL ARRANGEMENT PLAN - URUNGA PARADE

SCALE: 1:200



NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. MP07-0070-MGP1

granted on the 19 November 2013

Signed [Signature]

Sheet No. 28 of 34

LEGEND

— E —	EXISTING ELECTRICAL MAINS LINE
— G —	EXISTING GAS LINE
— S —	EXISTING SEWER LINE
— T —	EXISTING TELSTRA LINES
— W —	EXISTING WATER LINE
— SW —	EXISTING STORMWATER
— OP —	EXISTING OPTUS

0 4 8 12 16 20m
SCALE 1:200

REVISION	AMENDMENT	DATE	REVISION	AMENDMENT	DATE
01	ISSUED FOR DA APPROVAL	XX			

Client	AA CROWN HOLDINGS PTY LTD
Architect	HEALTH PROJECTS INTERNATIONAL
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Project	PROPOSED PRIVATE HOSPITAL 360-364 CROWN STREET WOLLONGONG
Title	GENERAL ARRANGEMENT PLAN URUNGA PARADE

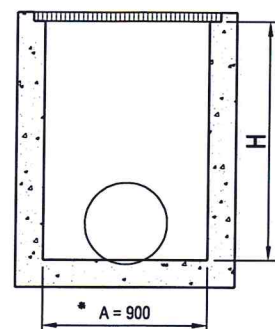
Drawn	J.Liu	Designed	B.Seizov	Date	MAY 2013
Checked	B.Seizov	Approved	A.Francis	Scale	1:200 @ A1
Drawing number	13117_DA_C120	Revision	01		

TYPICAL PIT CHAMBER SIZES
IT IS THE CONTRACTORS RESPONSIBILITY TO SELECT PIT CHAMBER SIZE WITH REGARDS TO PIPE SIZE, DEPTH TO INVERT AND SKEW ANGLE. REFER SKETCHES BELOW.

- ① SELECT PIT CHAMBER USING THE STEPS BELOW:
 ② SELECT PIT CHAMBER SIZE DEPENDING ON THE PIPE DIAMETERS.
 ③ CHECK PIT CHAMBER SIZE TO SATISFY DEPTH TO INVERT REQUIREMENTS.
 ④ CHECK PIT CHAMBER DIMENSIONS TO SATISFY THE SKEW ANGLE IN THE TABLE.

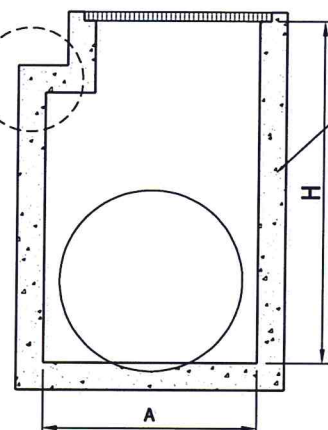
FOR B = 600mm - MAX. SIDE ENTRY PIPE AT 45° SKEW = 225mm
 FOR B = 900mm - MAX. SIDE ENTRY PIPE AT 45° SKEW = 375mm
 FOR B = 1200mm - MAX. SIDE ENTRY PIPE AT 45° SKEW = 600mm
 FOR B = 1500mm - MAX. SIDE ENTRY PIPE AT 45° SKEW = 825mm
 FOR B = 1900mm - MAX. SIDE ENTRY PIPE AT 45° SKEW = 1050mm

FOR REINFORCEMENT TO HAUNCH SEE BELOW



SECTION
NTS

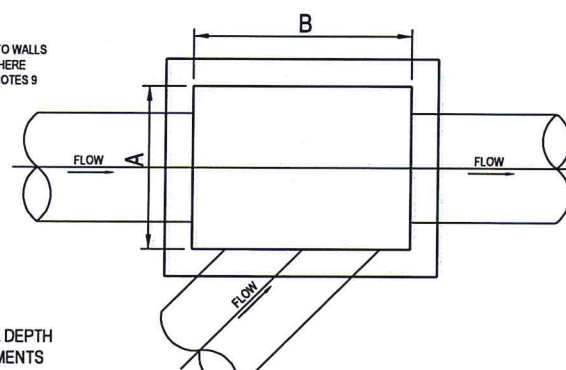
*A = 600 FOR PIPES UP TO 375 DIA.
 ① PIT CHAMBER DIMENSIONS FOR PIPES UP TO 600 DIA.



PIPE DIA. + 150
SECTION
NTS

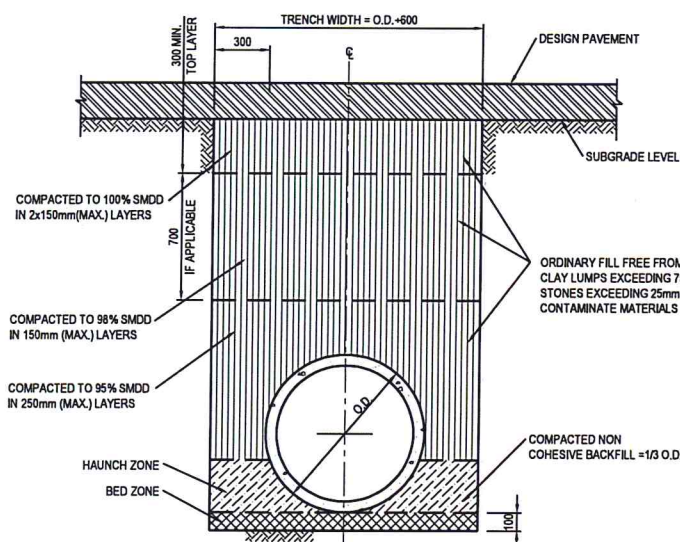
① PIT CHAMBER FOR PIPES GREATER THAN 600 DIA.

② PIT SIZE & DEPTH REQUIREMENTS
 H = 0-900mm - AxB = 600x600mm
 H = 900-1200mm - AxB = 900x600mm
 H = >1200mm - AxB = 900x900mm



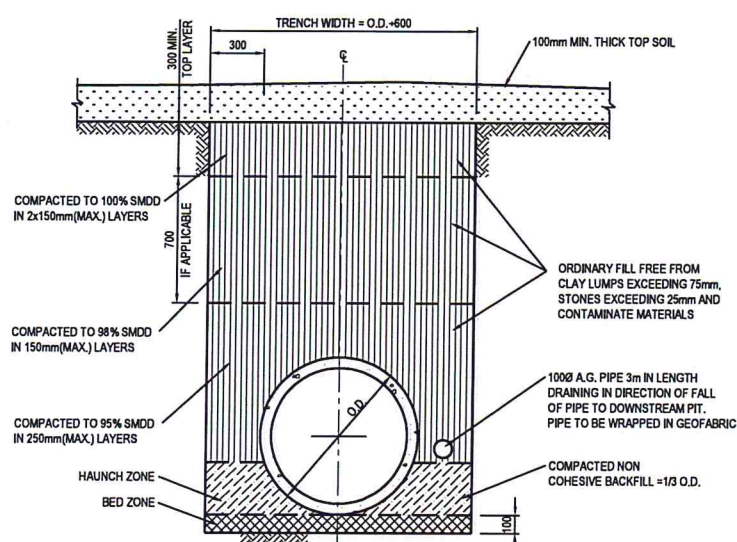
PLAN
NTS

③ PIT CHAMBER FOR SIDE ENTRY ON SKEW



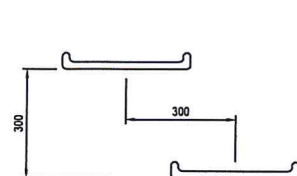
**PIPE TRENCH INSTALLATION
BENEATH PAVEMENT**

(H1 & H2 SUPPORT)
SCALE 1:20

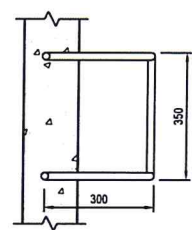


**PIPE TRENCH INSTALLATION
IN LANDSCAPE AREAS**

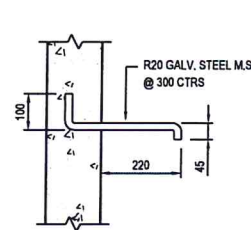
(H1 & H2 SUPPORT)
SCALE 1:20



ELEVATION

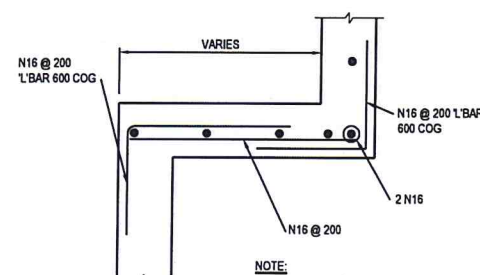


PLAN



SECTION

TYPICAL STEP IRON DETAILS
N.T.S.



HAUNCH DETAIL -TYPICAL
N.T.S.

STORMWATER DRAINAGE NOTES:

- STORMWATER DESIGN CRITERIA: THE STORMWATER DESIGN SHOWN ON THESE DRAWINGS HAS BEEN CARRIED OUT IN ACCORDANCE WITH AUBURN COUNCIL'S REQUIREMENTS AND AUSTRALIAN RAINFALL AND RUNOFF (AR&R) GUIDELINES.
- PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '2' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS U.N.O.
- PIPES UP TO 300 DIA. SHALL BE SEWER GRADE UPVC WITH SOLVENT WELDED JOINTS.
- EQUIVALENT STRENGTH VCP OR FRC PIPES MAY BE USED.
- PIPES SHALL BE LAID ON A 75MM THICK SAND BED. IN ALL CASES BACKFILL TRENCH WITH SAND TO 200MM ABOVE THE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150 MM LAYERS TO 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 (OR A DENSITY INDEX OF NOT LESS THAN 75).
- APPROVED PRECAST CONCRETE PITS INSIDE PROPERTY BOUNDARIES MAY BE USED IN LIEU OF CAST INSITU PITS WHERE SUITABLE.
- WHERE TRENCHES ARE IN ROCK THE PIPE SHALL BE BEDDED ON A MINIMUM OF 50 MM CONCRETE BED (OR 75 MM BED OF 12 MM BLUE METAL) UNDER THE BARREL OF THE PIPE.
- ENLARGERS, CONNECTORS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
- WHERE SUBSOIL DRAINS PASS UNDER THE FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED UPVC SEWER GRADE PIPE IS TO BE USED.
- CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
- GRATES AND COVERS SHALL CONFORM TO AS3996 - 1992 AT ALL TIMES DURING CONSTRUCTION OF THE STORMWATER PITS.
- ADEQUATE SAFETY PROCEDURES SHALL BE IMPLEMENTED TO PREVENT PERSONNEL FALLING INTO OPEN PITS.
- EXISTING STORMWATER PIPE LOCATIONS AND INVERT LEVELS TO BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING STORMWATER DRAINAGE LINES AND PITS THAT ARE TO REMAIN ARE TO BE INSPECTED AND CLEANED. DURING THIS PROCESS ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERINTENDENT FOR FURTHER DIRECTIONS. AREAS AND ROAD PAVEMENTS.



NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. MPO7-0070 MOD1

granted on the 19 NOVEMBER 2013

Signed [Signature]

Sheet No. 29 of 34

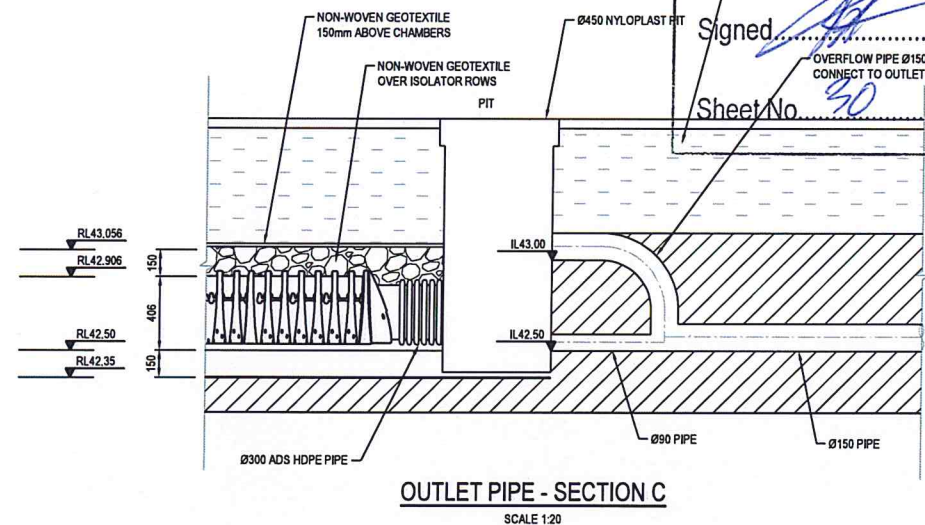
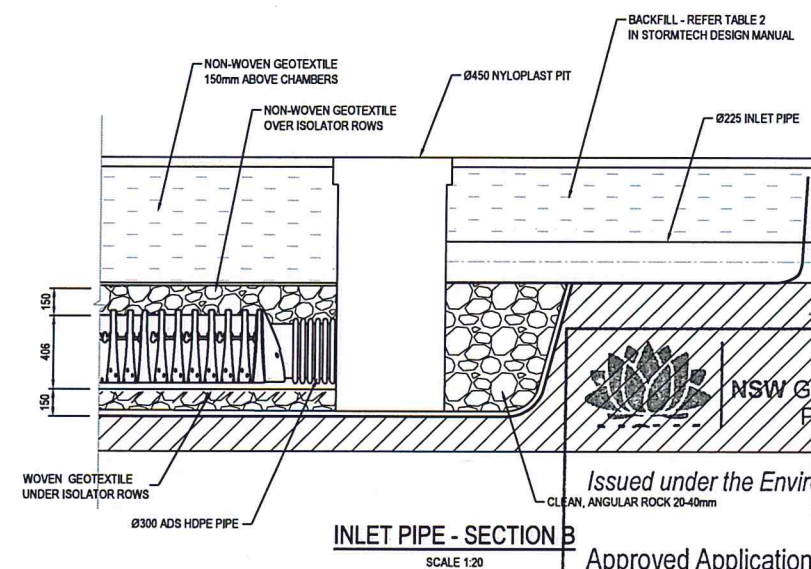
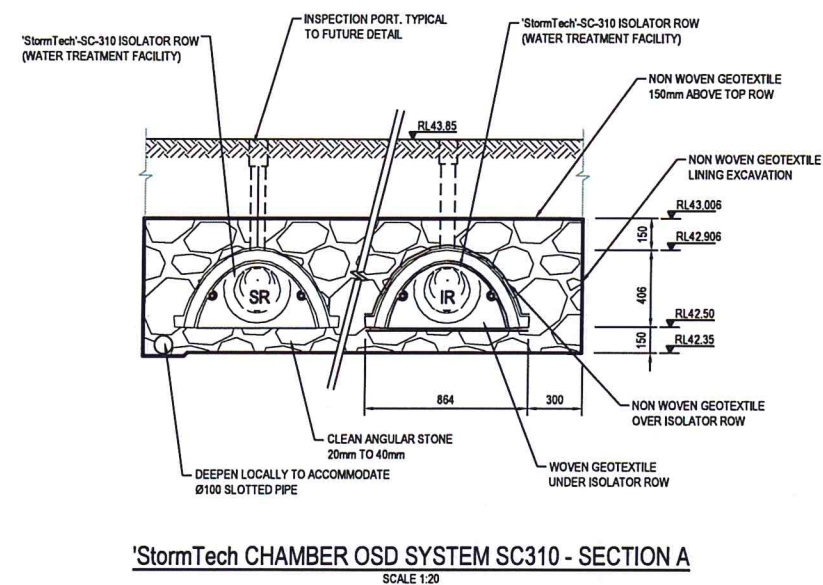
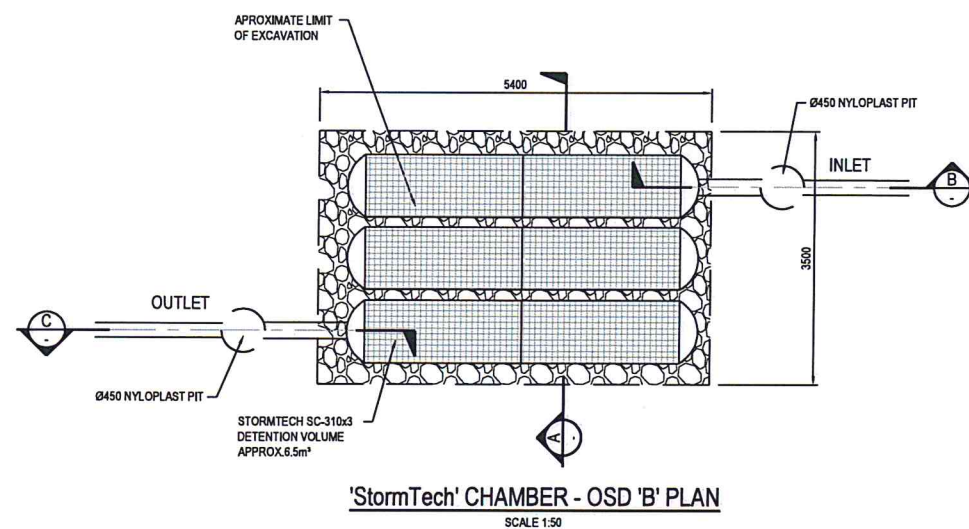
SECTION 75W

Client				AA CROWN HOLDINGS PTY LTD
Architect				HEALTH PROJECTS INTERNATIONAL
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01	ISSUED FOR DA APPROVAL	31.03.2013		
REVISION	AMENDMENT	DATE	REVISION	AMENDMENT

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Project	PROPOSED PRIVATE HOSPITAL 360-364 CROWN STREET WOLLONGONG
Drawn	J.Liu
Designed	B.Seizov
Checked	B.Seizov
Approved	A.Francis
Title	STORMWATER MISCELLANEOUS DETAILS & PIT LID SCHEDULE

Drawn	J.Liu	Designed	B.Seizov	Date	MAY 2013
Checked	B.Seizov	Approved	A.Francis	Scale	N.T.S.
Drawing number	13117_DA_C200	Revision	01		



NSW GOVERNMENT Planning
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. *MP07-0070 W001*

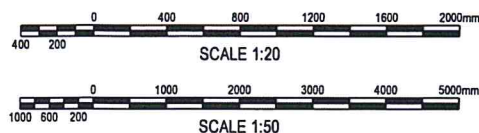
granted on the *19 NOVEMBER 2013*

Signed *[Signature]*

Sheet No. *30* of *34*

NOTES

1. REFER TO STORMTECH INSTALLATION GUIDELINES FOR ADDITIONAL DETAILS REGARDING INSTALLATION REQUIREMENTS.
2. DRAINAGE STONE SURROUNDING STORMTECH CHAMBERS MUST MEET THE REQUIREMENTS SPECIFIED IN THE INSTALLATION GUIDELINES.
3. GEOTEXTILES NOT SUPPLIED BY CUBIC SOLUTIONS SHOULD MEET THE STORMTECH SPECIFICATIONS.
4. IF YOU DO NOT HAVE A COPY OF THE STORMTECH INSTALLATION GUIDELINES PLEASE CONTACT CUBIC SOLUTIONS ON 1-300-4CUBIC.
5. AN INSTALLATION BRIEFING PRIOR TO COMMENCEMENT OF CONSTRUCTION IS RECOMMENDED. PLEASE CALL CUBIC SOLUTIONS TO ARRANGE A TIME.



SECTION 75W

Client AA CROWN HOLDINGS PTY LTD				Project PROPOSED PRIVATE HOSPITAL 360-364 CROWN STREET WOLLONGONG			
Architect HEALTH PROJECTS INTERNATIONAL				Title PROPOSED OSD 'B' DETAILS 'StormTech' CHAMBER OSD SYSTEM			
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Revision 21 ISSUED FOR DA APPROVAL 31.05.2013				Revision 01			
AMENDMENT				AMENDMENT			
DATE				DATE			

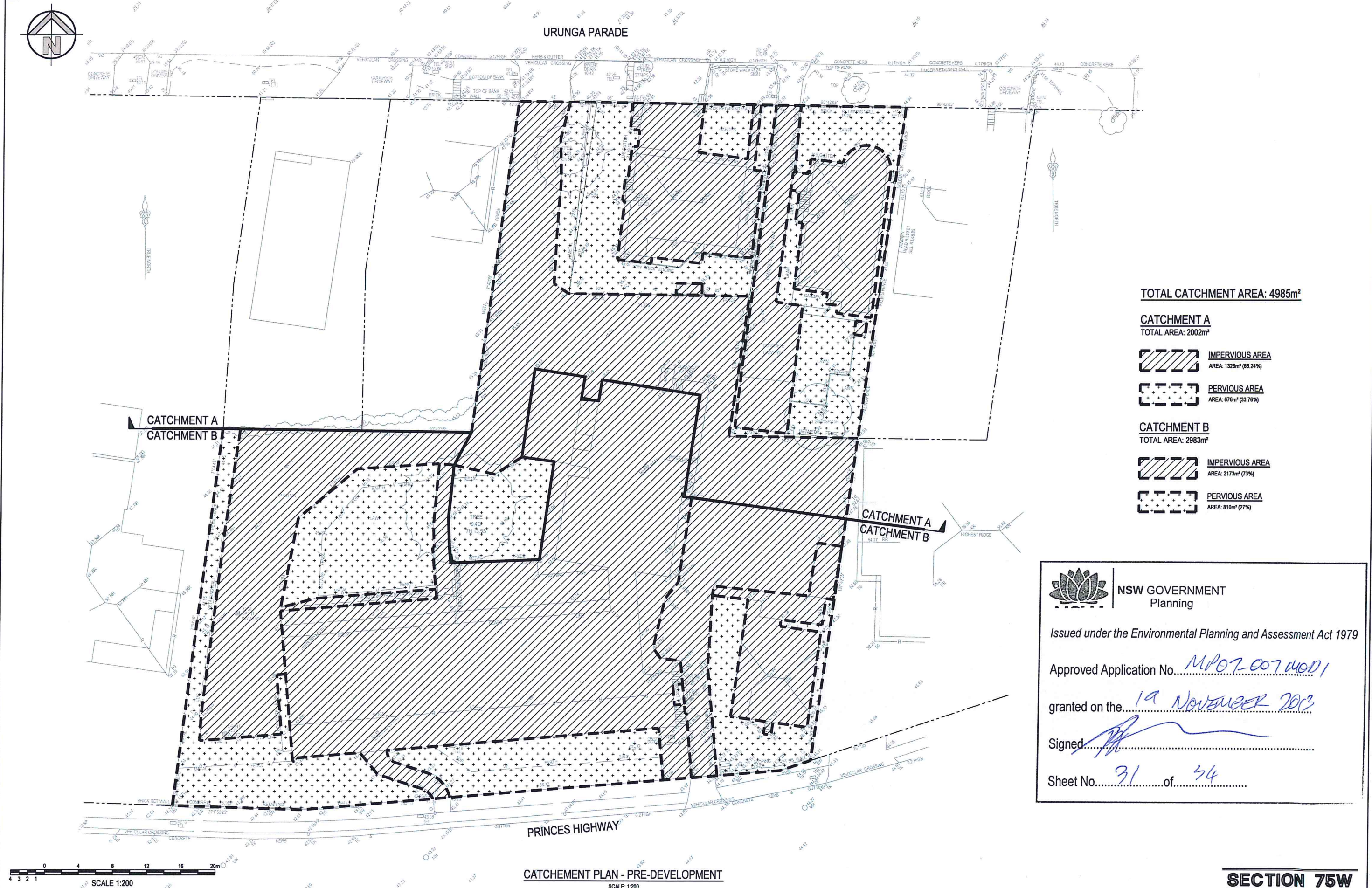
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Drawn J.Liu	Designed B.Seizov	Date MAY 2013
Checked B.Seizov	Approved A.Francis	Scale SHOWN @ A1



TOTAL CATCHMENT AREA: 4985m²

CATCHMENT A
TOTAL AREA: 2002m²

IMPERVIOUS AREA
AREA: 1326m² (66.24%)

PERVIOUS AREA
AREA: 676m² (33.76%)

CATCHMENT B
TOTAL AREA: 2983m²

IMPERVIOUS AREA
AREA: 2173m² (73%)

PERVIOUS AREA
AREA: 810m² (27%)



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Approved Application No. MP07-007 MOD1

granted on the 19 NOVEMBER 2013

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Sheet No. 31 of 34

SECTION 75W

REVISION	AMENDMENT	DATE	REVISION	AMENDMENT	DATE
02	RE-ISSUED FOR DA APPROVAL	03.12.2013			
01	ISSUED FOR DA APPROVAL	03.05.2013			

Client
AA CROWN HOLDINGS PTY LTD

Architect
HEALTH PROJECTS INTERNATIONAL

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Project
PROPOSED PRIVATE HOSPITAL
360-364 CROWN STREET WOLLONGONG

Title
STORMWATER CATCHMENT PLAN
PRE-DEVELOPMENT

Drawn J.Liu	Designed B.Seizov	Date SEP 2013
Checked B.Seizov	Approved A.Francis	Scale 1:200 @ A1
Drawing number 13117_DA_C251	Revision 02	



URUNGA PARADE

CATCHMENT A
CATCHMENT B

PRINCES HIGHWAY

CATCHMENT A
CATCHMENT B

CATCHMENT PLAN - POST-DEVELOPMENT

SCALE: 1:200

0 4 8 12 16 20m
SCALE 1:200

TOTAL CATCHMENT AREA: 4983m²CATCHMENT A
TOTAL AREA: 2221m²

IMPERVIOUS AREA
AREA: 1962m² (88%)

PERVIOUS AREA
AREA: 259m² (12%)

CATCHMENT "A" OSD CALCULATION - 8m³

PLAN DATA	
SITE AREA (m ²)	2221.000
TRIBUTARY AREA (m ²)	2221.000
EX. IMPERVIOUS AREA (%)	63.000
DEV. IMPERVIOUS AREA (%)	95.000

GRAPHS	DEV.	EX.
F15	1.251	1.000
F1100	1.180	1.000
F2	1.100	1.100
F3	0.180	0.145
F4	0.680	0.680

FINAL OSD REQD. CATCHMENT A		
	DEV.	EX.
(t)	78.517	62
(s)	120.755	109
	19.658	12
(h)	30.233	22
	\$SR5*(m³)	7.000
	\$SR100*(m³)	8.093

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Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. MP07-0570 MOD1granted on the 19 NOVEMBER 2013

Signed

Sheet No. 32 of 34CATCHMENT B
TOTAL AREA: 2762m²

IMPERVIOUS AREA
AREA: 2573m² (93%)

PERVIOUS AREA
AREA: 189m² (7%)

CATCHMENT "B" OSD CALCULATION - 12m³

PLAN DATA	
SITE AREA (m ²)	2762.000
TRIBUTARY AREA (m ²)	2510.000
EX. IMPERVIOUS AREA (%)	73.000
DEV. IMPERVIOUS AREA (%)	88.000

GRAPHS	DEV.	EX.
F15	1.243	1.000
F1100	1.175	1.000
F2	1.100	1.100
F3	0.180	0.145
F4	0.680	0.680

FINAL OSD REQD. CATCHMENT B		
DEV.		EX.
	91.632	73.7
1)	141.833	128.5
	22.941	14.8
)	35.510	26.0
SSR5 ⁵ (m ³)	8.074	
SSR100 ⁵ (m ³)	9.505	

PSD⁵ (L/s)
PSD¹⁰⁰ (L/s)
SSR⁵ (m³)
SSR¹⁰⁰ (m³)

SECTION 75W

REVISION	AMENDMENT	DATE	REVISION	AMENDMENT	DATE
01	REQUESTED FOR DA APPROVAL	29.08.2013			
02	REQUESTED FOR DA APPROVAL	17.06.2013			
03	ISSUED FOR DA APPROVAL	30.05.2013			

Client
AA CROWN HOLDINGS PTY LTD
Architect
HEALTH PROJECTS INTERNATIONAL

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HENRY & HYMAS

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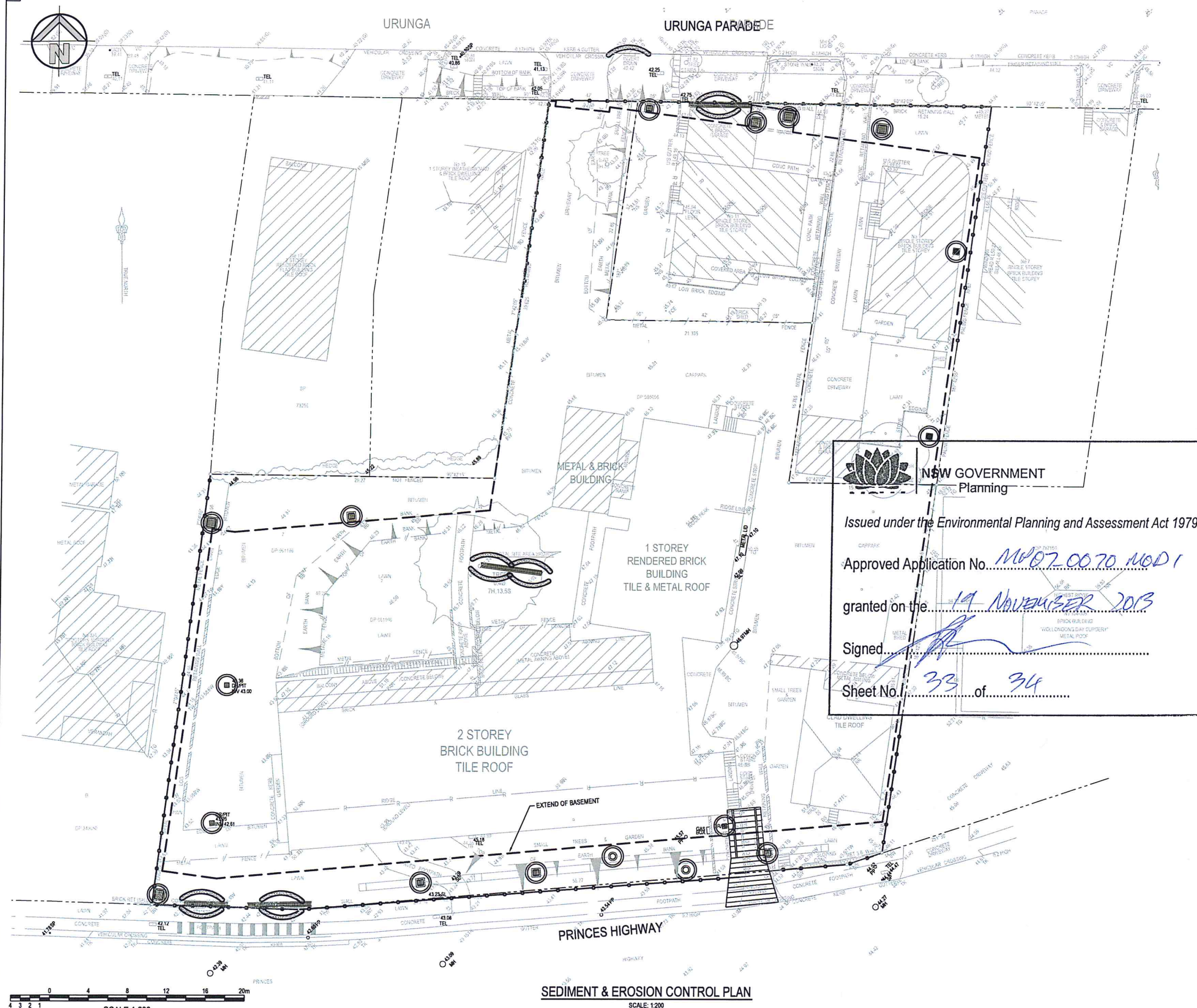
Phone : 02 9417 8400
Fax : 02 9417 8337
Email : email@hconsult.com.au
Web : www.henryandhymas.com.au



Project
PROPOSED PRIVATE HOSPITAL
360-364 CROWN STREET WOLLONGONG

Title
STORMWATER CATCHMENT PLAN
POST-DEVELOPMENT

Drawn J.Liu	Designed B.Seizov	Date MAY 2013
Checked B.Seizov	Approved A.Francis	Scale 1:200 @ A1
Drawing number 13117_DA_C250	Revision 03	



LEGEND

- PROPOSED SEDIMENTATION FENCE
- PROPOSED VEHICLE SHAKER GRID
- PROPOSED STABILISED SITE ACCESS
- PROPOSED MESH & GRAVEL INLET FILTER
- GEOTEXTILE INLET FILTER

SEDIMENT & EROSION CONTROL NOTES

- ALL SEDIMENT CONTROL DEVICES ARE TO BE CONSTRUCTED, PLACED AND MAINTAINED IN ACCORDANCE WITH RESPECTIVE COUNCIL SPECIFICATIONS AND LANCOM 'SOIL AND CONSTRUCTION' MANUAL.
- ALL PERIMETER & SILTATION CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN EARTH WORKS AND/OR CLEARING.
- THE SEDIMENT & EROSION CONTROL PLAN MAY REQUIRE FUTURE ADJUSTMENT TO REFLECT CONSTRUCTION STAGING. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO PREPARE THEIR OWN SEDIMENT AND EROSION CONTROL PLAN WHICH SUITS THE DESIGNED CONSTRUCTION STAGING.
- FILTRATION BUFFER ZONES ARE TO BE FENCED OFF AND ACCESS PROHIBITED TO ALL PLANT AND MACHINERY.
- ALL TEMPORARY EARTH BERMS, DIVERSIONS & SILT DAM EMBANKMENTS ARE TO BE MACHINE COMPACTED, SEEDED & MULCHED FOR TEMPORARY VEGETATION COVER AS SOON AS THEY HAVE BEEN FORMED.
- ALL SEDIMENT TRAPPING STRUCTURES AND DEVICES ARE TO BE INSPECTED AFTER STORMS FOR STRUCTURAL DAMAGE OR CLOGGING. TRAPPED MATERIAL IS TO BE REMOVED TO A SAFE LOCATION.
- ALL TOPSOIL IS TO BE STOCKPILED ON SITE FOR REUSE (AWAY FROM TREES AND DRAINAGE LINES). MEASURES SHALL BE APPLIED TO PREVENT EROSION OF THE STOCKPILES.
- ALL EARTHWORK AREAS SHALL BE ROLLED EACH EVENING TO SEAL THE EARTHWORKS.
- ALL FILLS ARE TO BE LEFT WITH A LIP AT THE TOP OF THE SLOPE AT THE END. ALL CUT AND FILL SLOPES ARE TO BE SEEDED AND STRAW MULCHED WITHIN 14 DAYS OF COMPLETION OF FORMATION U.N.O. BY LANDSCAPE ARCHITECTS.
- UPON COMPLETION OF ALL EARTHWORKS OR AS DIRECTED BY COUNCIL SOIL CONSERVATION TREATMENTS SHALL BE APPLIED SO AS TO RENDER AREAS THAT HAVE BEEN DISTURBED, EROSION PROOF WITHIN 14 DAYS.
- EROSION AND SILT PROTECTION MEASURES ARE TO BE MAINTAINED AT ALL TIMES.

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Planning

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Approved Application No. M0020070 MOD 1

granted on the 19 NOVEMBER 2013

Signed [Signature]

Sheet No. 33 of 34

SEDIMENT & EROSION CONTROL PLAN

SCALE: 1:200

SECTION 75W

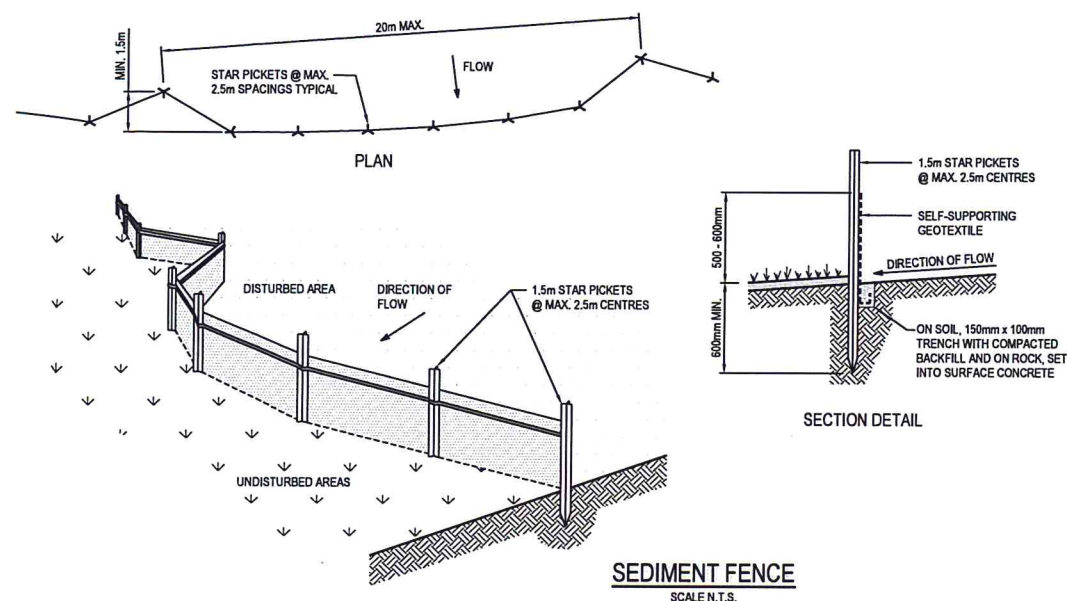
REVISION	AMENDMENT	DATE	REVISION	AMENDMENT	DATE
03	RE-ISSUED FOR DA APPROVAL	29.08.2013			
02	RE-ISSUED FOR DA APPROVAL	31.05.2013			
01	ISSUED FOR DA APPROVAL	12.05.2013			

Client	AA CROWN HOLDINGS PTY LTD
Address	HEALTH PROJECTS INTERNATIONAL
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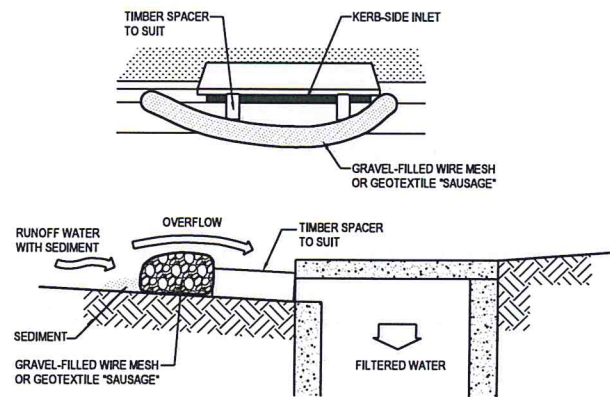
Project	PROPOSED PRIVATE HOSPITAL 360-364 CROWN STREET WOLLONGONG
Title	SEDIMENT & EROSION CONTROL PLAN

Drawn	J.Liu	Designed	B.Seizov	Date	MAY 2013
Checked	B.Seizov	Approved	A.Francis	Scale	1:200 @ A1
Drawing number	13117_DA_SE01	Revision	03		



SEDIMENT FENCE CONSTRUCTION NOTES:

1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. DRIVE 1.5m LONG STAR PICKETS INTO GROUND @ 2.5m INTERVALS (MAX.) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP. 6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.

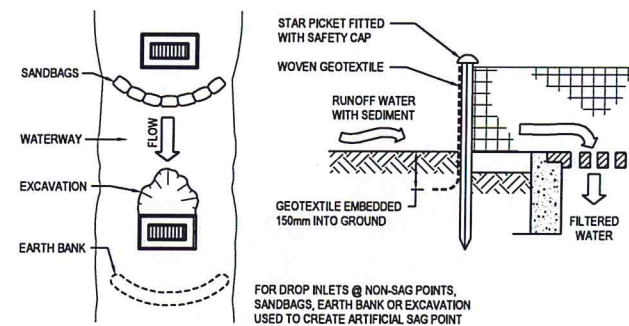
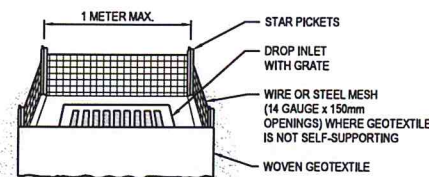


MESH & GRAVEL INLET FILTER CONSTRUCTION NOTES:

1. FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL.
2. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH x 400mm WIDE.
3. PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
4. FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER.
5. SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY CAN FIRMLY ABUT EACH OTHER AND SEDIMENT / LADEN WATERS CANNOT PASS BETWEEN.

MESH & GRAVEL INLET FILTER

SCALE N.T.S.

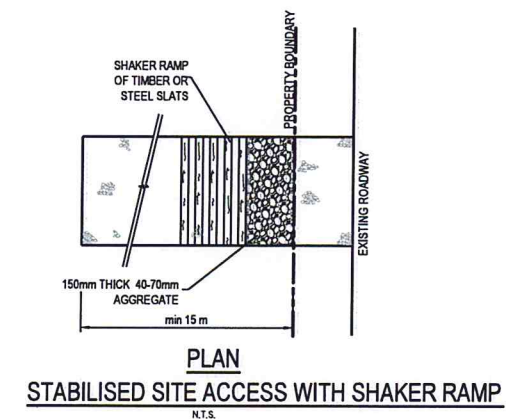


GEOTEXTILE INLET FILTER CONSTRUCTION NOTES:

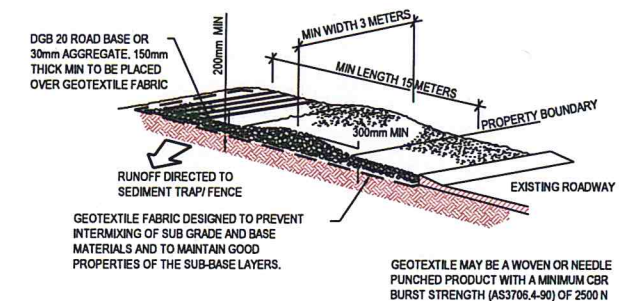
1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE.
2. PICKET SPACING TO BE MAXIMUM 1.0m.
3. IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
4. DO NOT COVER THE INLET WITH GEOTEXTILES UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

GEOTEXTILE INLET FILTER

SCALE N.T.S.



CONSTRUCTION SITE

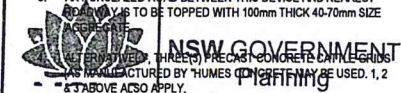


STABILISED SITE ACCESS WITH SHAKER RAMP

N.T.S.

NOTES:

1. THIS DEVICE IS TO BE LOCATED AT ALL EXITS FROM CONSTRUCTION SITE.
2. THIS DEVICE IS TO BE REGULARLY CLEANED OF DEPOSITED MATERIAL SO AS TO MAINTAIN A 50mm DEEP SPACE BETWEEN PLANKS.
3. ANY UNSEALED ROAD BETWEEN THIS DEVICE AND NEAREST PROPERTY IS TO BE TOPPED WITH 100mm THICK 40-70mm SIZE AGGREGATE. THREE (3) PRECAST CONCRETE CURBLEDGINGS AS MANUFACTURED BY HUMES CONCRETE MAY BE USED. 1, 2 & 3 ABOVE ALSO APPLY.



Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. M.P.O.2 0070 d001

granted on the 19 NOVEMBER 2013

Signed [Signature]

Sheet No. 34 of 94

SECTION 75W

Client AA CROWN HOLDINGS PTY LTD				Project PROPOSED PRIVATE HOSPITAL 360-364 CROWN STREET WOLLONGONG			
Architect HEALTH PROJECTS INTERNATIONAL				Title SEDIMENT & EROSION CONTROL TYPICAL DETAILS			
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Revision 01 ISSUED FOR DA APPROVAL 31.05.2013				Revision 01			
AMENDMENT				AMENDMENT			
DATE				DATE			

HENRY & HYMAS

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Drawn J.Liu	Designed B.Seizov	Date MAY 2013
Checked B.Seizov	Approved A.Francis	Scale N.T.S.
Drawing number 13117_DA_SE02 01		Revision 01