

- LEGEND:
- PROPOSED TREES
 - EXISTING TREES TO BE RETAINED
 - EXISTING TREES TO BE REMOVED



Planning,
Industry &
Environment

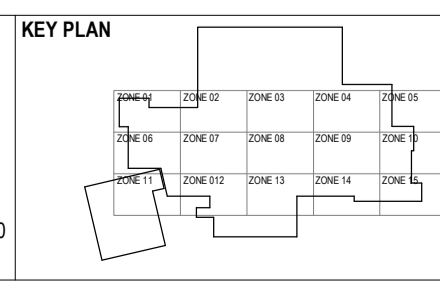
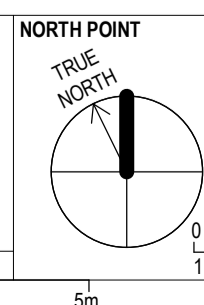
Issued under the Environmental Planning and Assessment Act 1979

Approved Application: SSD-11099584

Signed: NS

Granted on: 12 October 2021

Sheet: 3 of 53



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NSW Health
GOVERNMENT Infrastructure
Level 6 77 Pacific Highway, North Sydney, NSW 2060
P: +61 2 9978 5427 | F: +61 2 8904 1377
www.hinfra.health.nsw.gov.au

ARCHITECTS
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Level 1, 110 Walker Street, North Sydney NSW 2060, Australia
+61 2 9956 2666 | hdrinc.com
HDR Pty. Limited ABN 76 158 075 220 trading as HDR

PROJECT
**THE SUTHERLAND HOSPITAL OPERATING
THEATRE UPGRADE**

KINGSWAY & KAREENA ROAD,
CARINGBAH NSW 2229

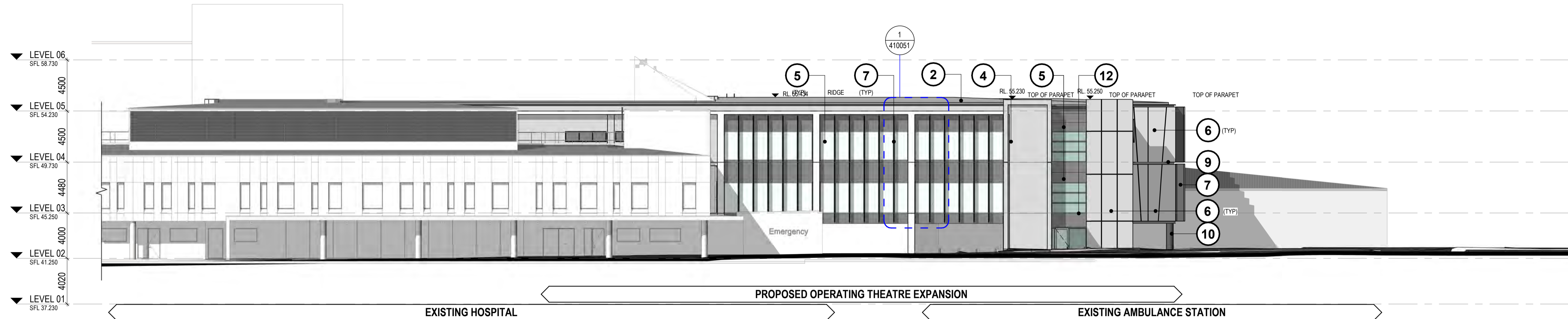
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PROPOSED LANDSCAPE PLAN

PROJECT STATUS
SSDA

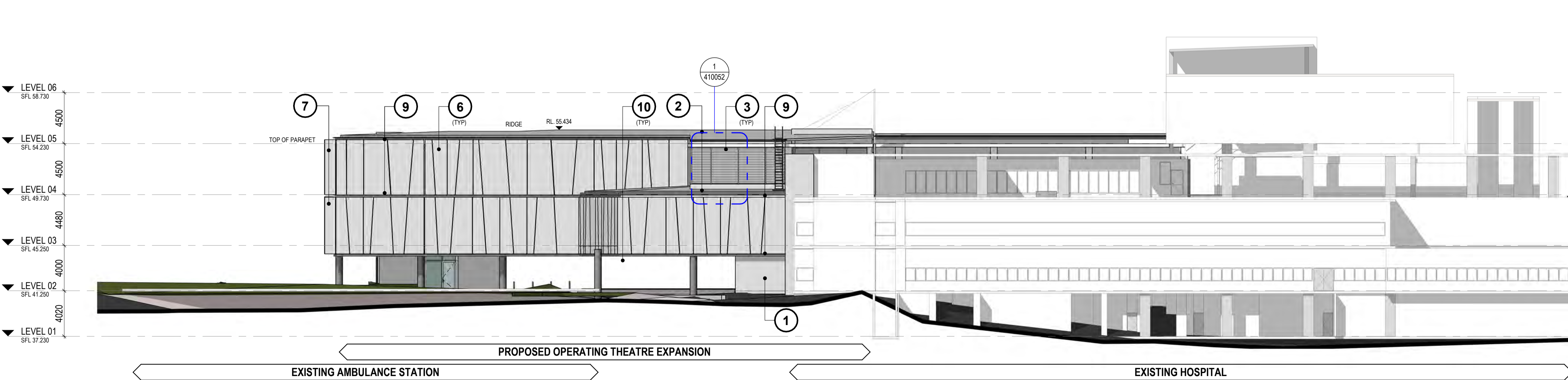
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10192314
DRAWING NUMBER
HDR-AR-DG-010352
ISSUE
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LEGEND

- 1 BRICK TO MATCH EXISTING BRICK AS PER STAGE 1 WORKS
- 2 PROFILED METAL DECK ROOF COLORBOND KLIP-LOK COLOUR: SURFMIST
- 3 STAGE 2 WEATHERPROOF LOUVRES COLOUR SURF MIST
- 4 METAL MESH SCREEN COLOUR RED OXIDE INTEGRATED ART TO BE DEVELOPED WITH CLIENT AND ART CONSULTANT DURING DESIGN DEVELOPMENT
- 5 UNCAPPED DGU CURTAIN WALL SYSTEM WITH PERFORATED SUN HADING EXTENDED OFF MULLIONS
- 6 ASYMMETRIC METAL PANEL RAINSCREEN CLADDING COLOUR - WHITE
- 7 PERFORATED METAL PANEL; COLOUR: WHITE
- 8 REIDER OR SIMILAR PPROVED CONCRETE SKIN (13MM COMPRESSED FIBRE CEMENT PANELS)
- 9 EXTRUDED STEEL CHANNEL
- 10 CLASS 2 CONCRETE - DARK GREY PIGMENT
- 11 METAL MESH SCREEN COLOUR RED OXIDE
- 12 GLAZED CANOPY WITH ACID ETCH FRIT



1 NORTH ELEVATION
1 : 200



2 SOUTH ELEVATION
1 : 200



Planning,
Industry &
Environment

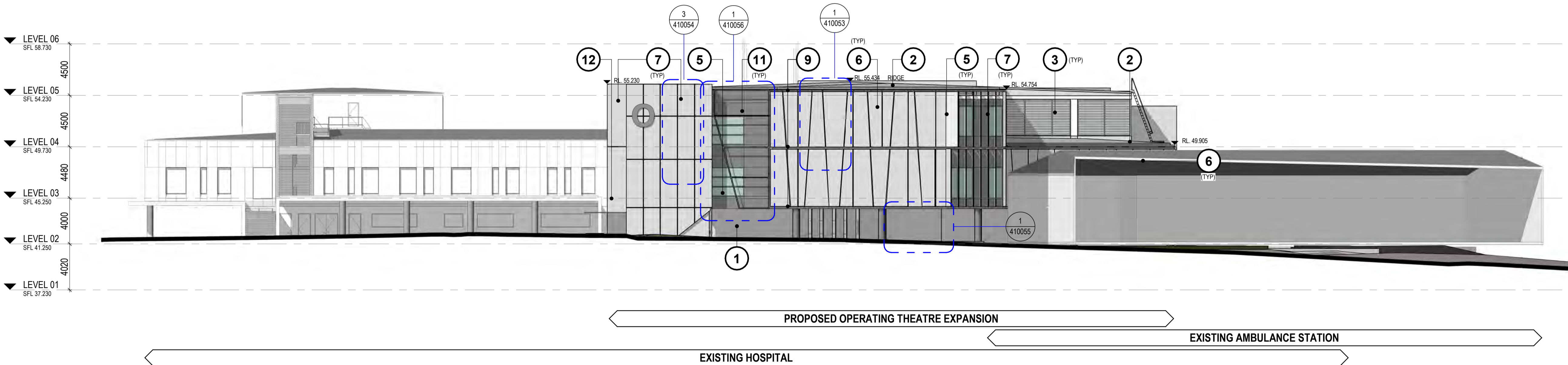
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Granted on: 12 October 2021 Sheet: 5 of 53

LEGEND

- 1 BRICK TO MATCH EXISTING BRICK AS PER STAGE 1 WORKS
- 2 PROFILED METAL DECK ROOF
COLORBOND KLIP-LOK
COLOUR: SURFMIST
- 3 STAGE 2 WEATHERPROOF LOUVRES
COLOUR SURF MIST
- 4 METAL MESH SCREEN
COLOUR RED OXIDE
INTEGRATED ART. TO BE DEVELOPED WITH CLIENT AND ART
CONSULTANT DURING DESIGN DEVELOPMENT
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COLOUR - WHITE
- 7 PERFORATED METAL PANEL; COLOUR: WHITE
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- 11 METAL MESH SCREEN
COLOUR RED OXIDE
- 12 GLAZED CANOPY WITH ACID ETCH FRIT



1 WEST ELEVATION
1 : 200

11/12/2020 2:23:47 PM

REV	DESCRIPTION OF CHANGE	CHECKED	ISSUED	DATE
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2	FOR 50% DD	SJ	DS	30/09/20
1	SSD ISSUE	HDR	HDR	05/08/20

NORTH POINT
TRUE
NORTH

0 0 0
1m 5m 10mm

KEY PLAN

CLIENT
NSW GOVERNMENT
Health Infrastructure
Level 6 77 Pacific Highway, North Sydney, NSW 2060
P: +61 2 9978 5427 | F: +61 2 8904 1377
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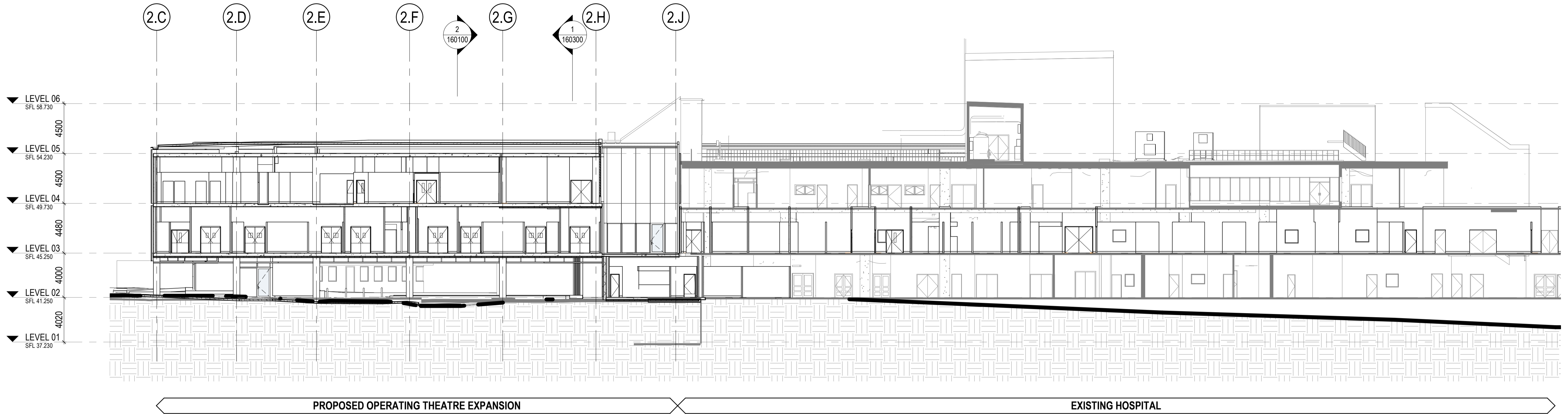
PROJECT
**THE SUTHERLAND HOSPITAL OPERATING
THEATRE UPGRADE**
**KINGSWAY & KAREENA ROAD,
CARINGBAH NSW 2229**

DRAWING TITLE
BUILDING ELEVATION - WEST
PROJECT STATUS
SSDA

SCALE 1 : 200 @ A1	DATE 13/11/20
PROJECT NUMBER 10192314	DRAWING NUMBER HDR-AR-DG-150200
ISSUE 3	

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BM 360/10192314_Sutherland_Hospital_Operating_Theatre_Upgrade_2020/TSHOTUP_BUILDING.rvt



1 BUILDING SECTION
1 : 200



Planning,
Industry &
Environment

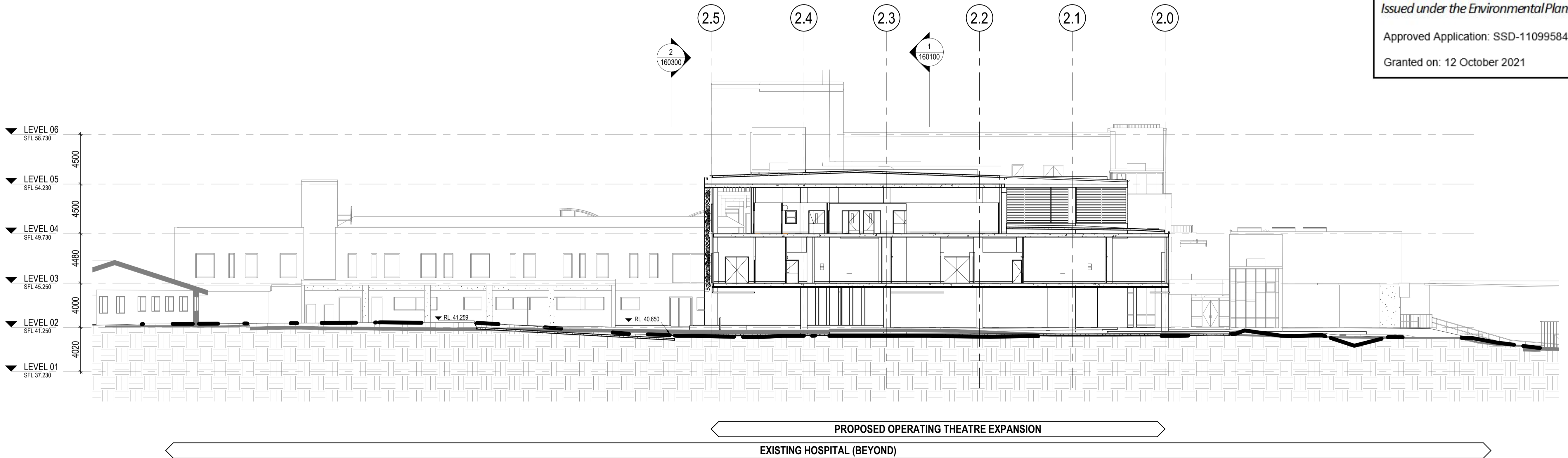
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Approved Application: SSD-11099584

Signed: NS

Granted on: 12 October 2021

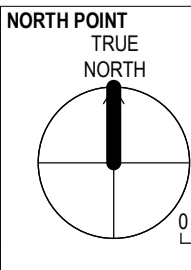
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2 BUILDING SECTION
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2	FOR 50% DD	SJ	DS	30/9/20
1	SSD ISSUE	HDR	HDR	05/08/20



KEY PLAN



PROJECT
THE SUTHERLAND HOSPITAL OPERATING
THEATRE UPGRADE

KINGSWAY & KAREENA ROAD,
CARINGBAH NSW 2229

DRAWING TITLE
BUILDING SECTIONS

PROJECT STATUS
SSDA

SCALE	DATE	
1 : 200 @ A1	13/11/20	
PROJECT NUMBER	DRAWING NUMBER	ISSUE
10192314	HDR-AR-DG-160100	3

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BM 360/10192314_Sutherland_Hospital_Operating_Theatre_Upgrade_2020/TSOTUP_BUILDING.v4

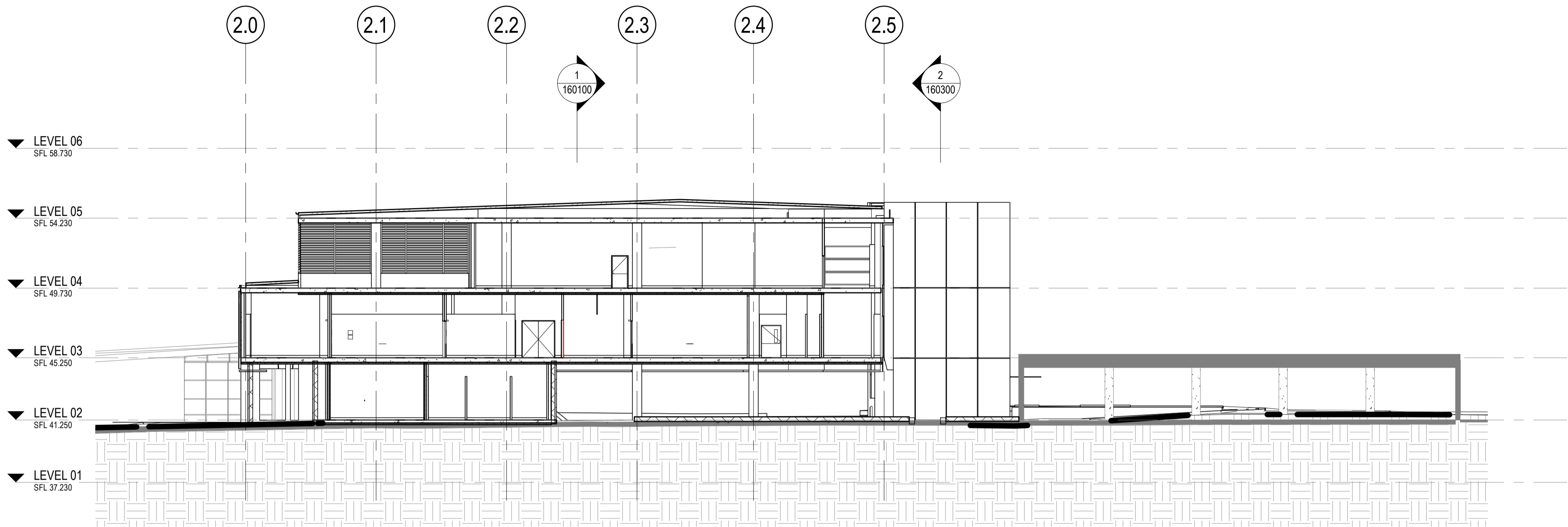


Planning,
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Environment

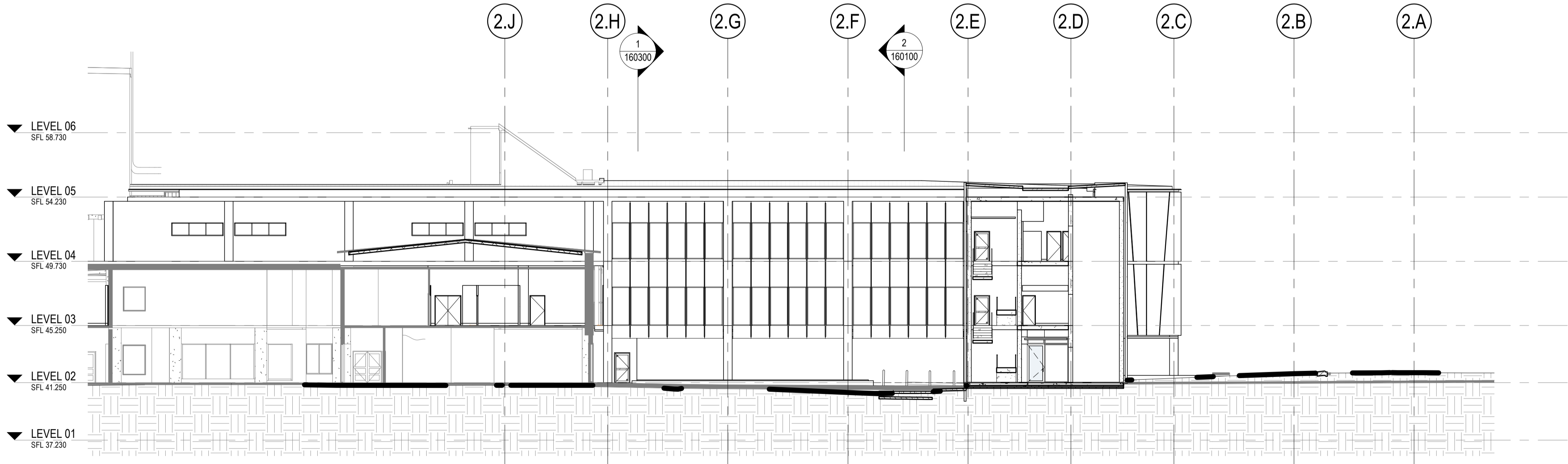
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Approved Application: SSD-11099584 Signed: NS

Granted on: 12 October 2021 Sheet: 7 of 53



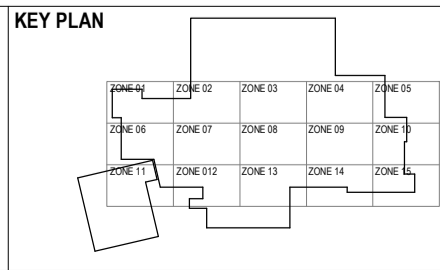
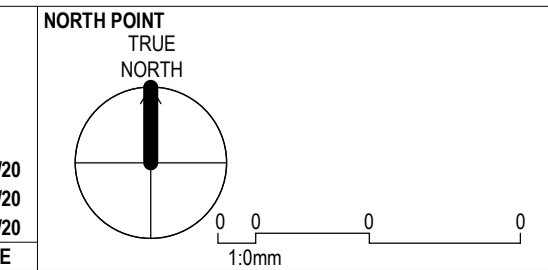
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1 : 200



2 BUILDING SECTION
1 : 200

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1	SSD ISSUE	HDR	HDR	05/08/20
REV	DESCRIPTION OF CHANGE	CHECKED	ISSUED	DATE



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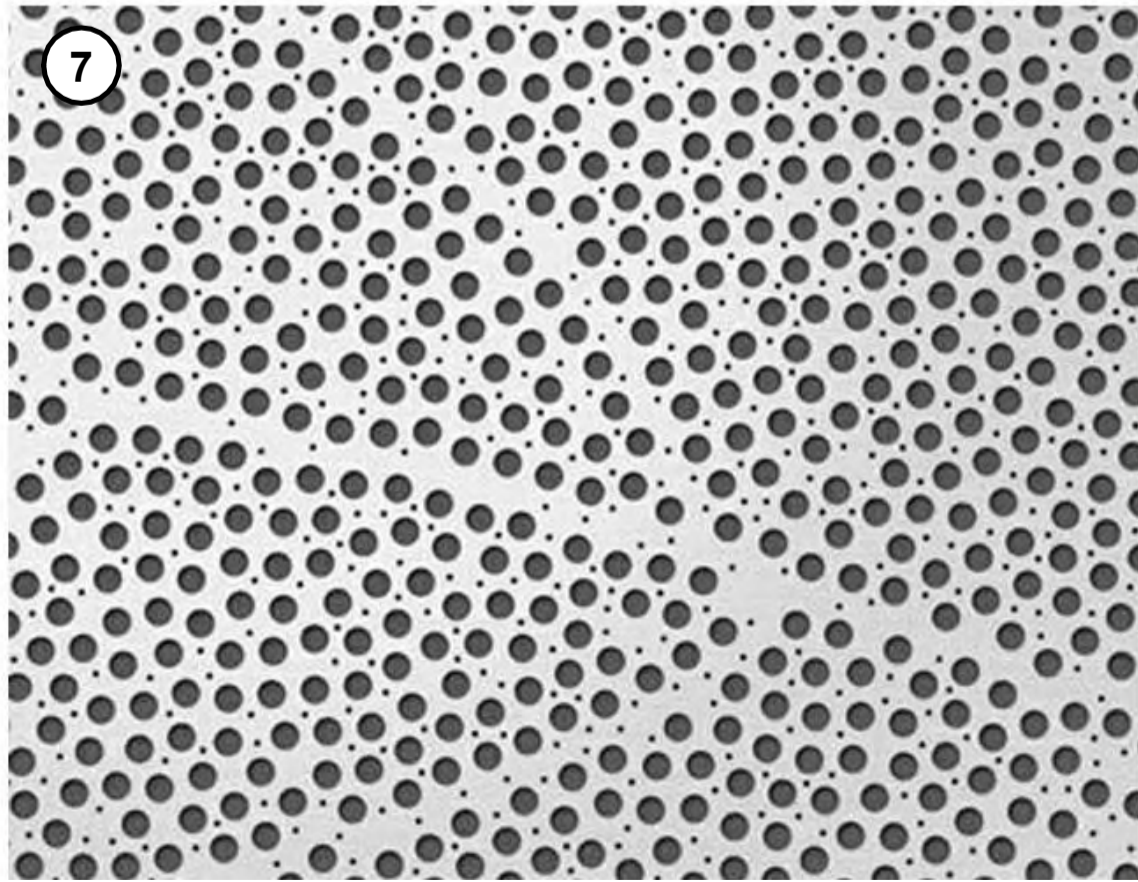
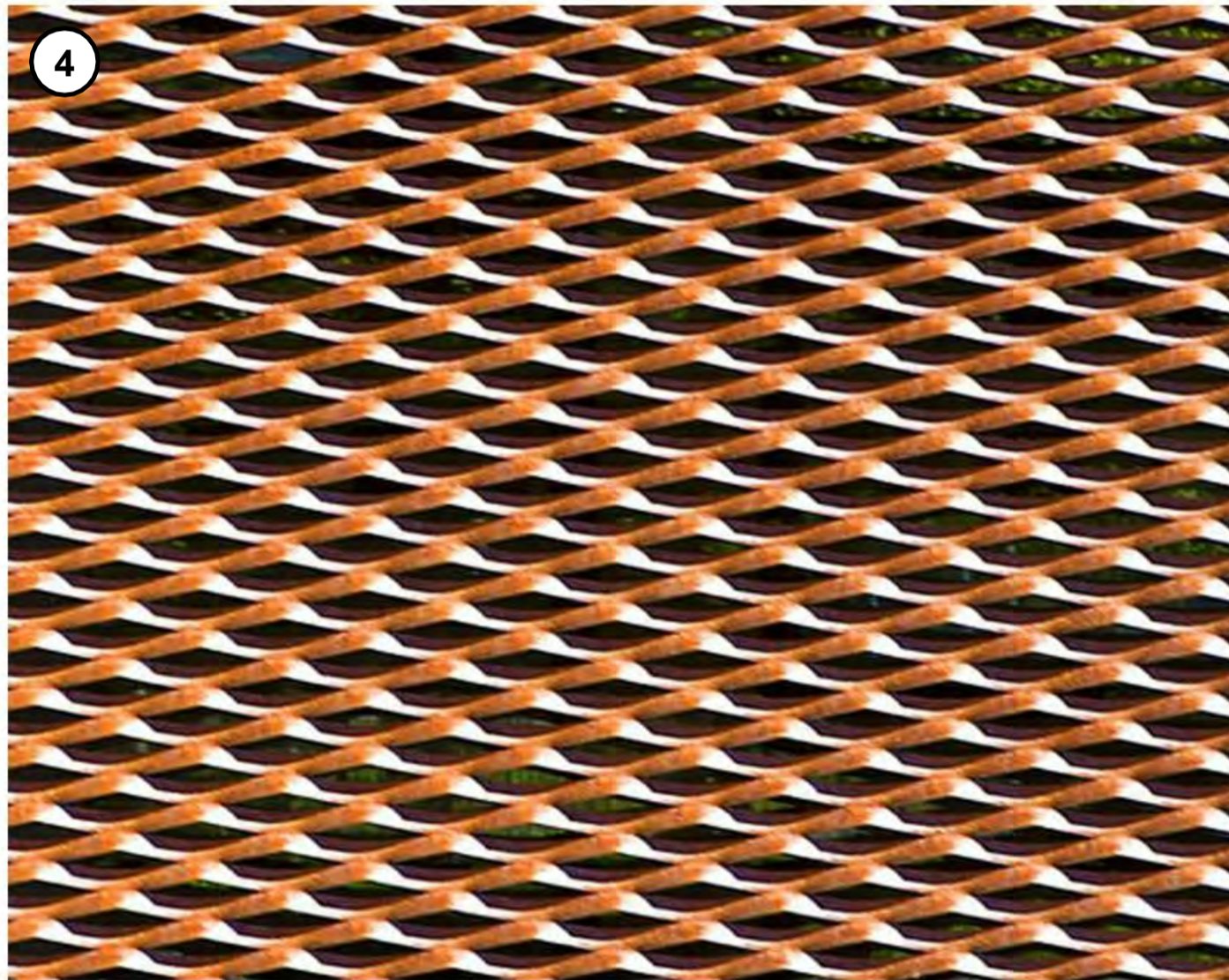
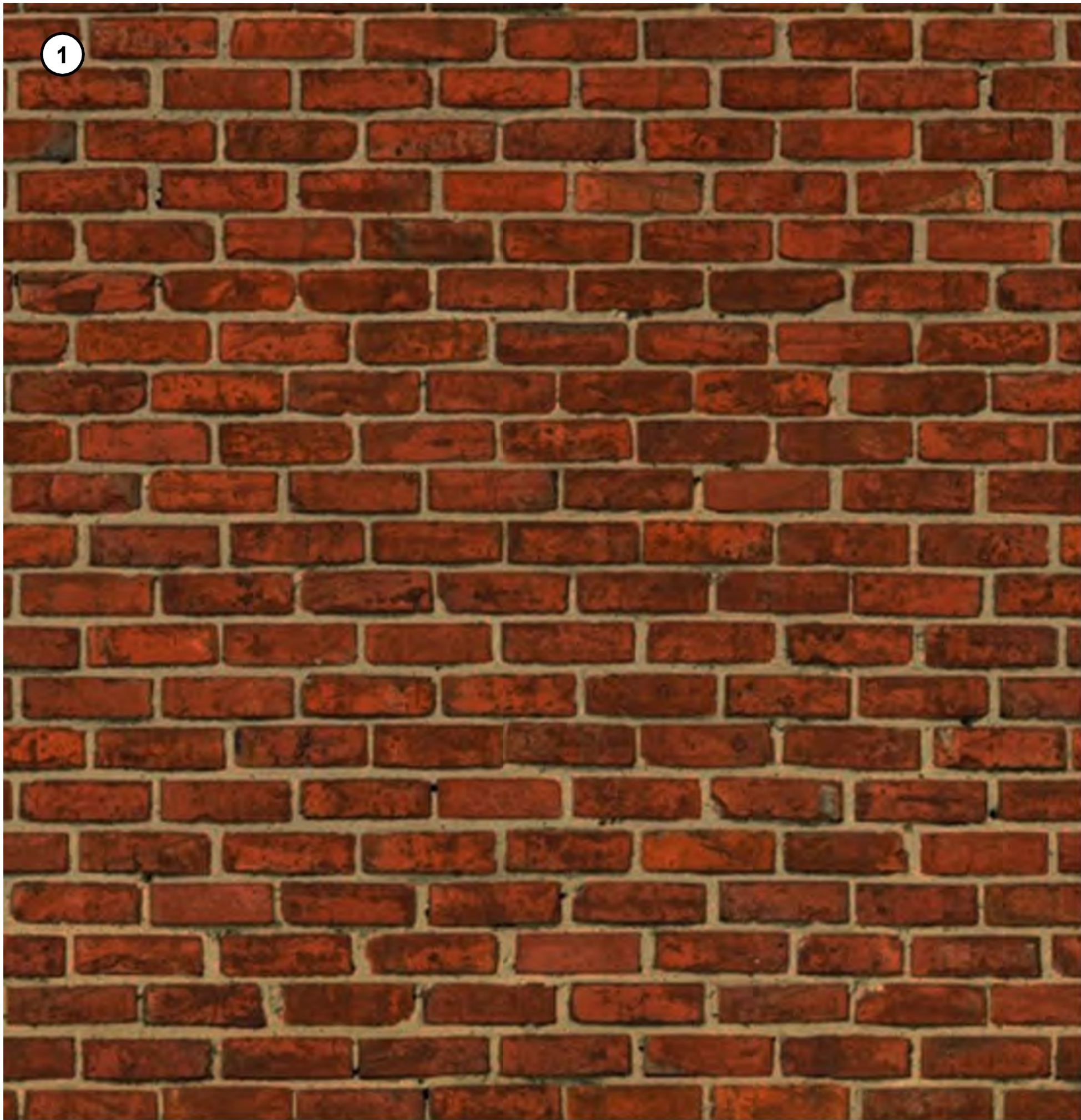
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PROJECT
THE SUTHERLAND HOSPITAL OPERATING THEATRE UPGRADE
KINGSWAY & KAREENA ROAD, CARINGBAH NSW 2229

DRAWING TITLE
BUILDING SECTIONS
PROJECT STATUS
SSDA

SCALE
1 : 200 @ A1
PROJECT NUMBER
10192314
DRAWING NUMBER
HDR-AR-DG-160300
ISSUE
3

DATE
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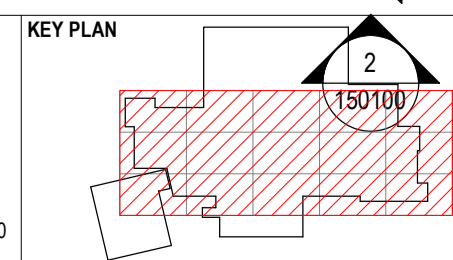
Sheet: 8 of 53

Sheet: 9 of 53



NOTE:
REFER TO LANDSCAPE
DRAWING FOR EXTENT OF
SOFT & HARD LANDSCAPE

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	REV	DESCRIPTION OF CHANGE	CHECKED	ISSUED	DATE	



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 **NSW**
GOVERNMENT

Health
Infrastructure

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PROJECT
**THE SUTHERLAND HOSPITAL OPERATING
THEATRE UPGRADE**

KINGSWAY & KAREENA ROAD,
CARINGBAH NSW 2229

DRAWING TITLE	GENERAL ARRANGEMENT - LEVEL 02 - SSD
PROJECT STATUS	SSDA

SCALE	DATE
1 : 200 @ A1	13/11/20
PROJECT NUMBER	DRAWING NUMBER
10192314	HDR-AR-SSD-111200 2

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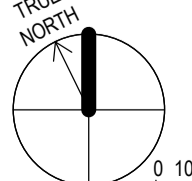
Granted on: 12 October 2021 Sheet: 10 of 53

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1	SSD ISSUE	HDR	HDR	05/08/20
REV	DESCRIPTION OF CHANGE	CHECKED	ISSUED	DATE

NORTH POINT

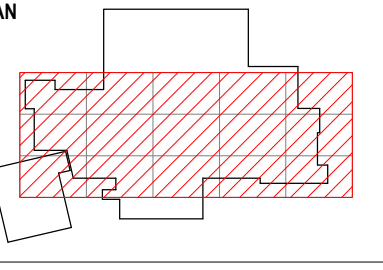
TRUE NORTH



0 1000 4000 8000

1:200mm

KEY PLAN




CLIENT



**Health
Infrastructure**

Level 6 77 Pacific Highway, North Sydney, NSW 2060
P: +61 2 9978 5427 | F: +61 2 8904 1377
www.hinfra.health.nsw.gov.au

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PROJECT

**THE SUTHERLAND HOSPITAL OPERATING
THEATRE UPGRADE**

KINGSWAY & KAREENA ROAD,
CARINGBAH NSW 2229

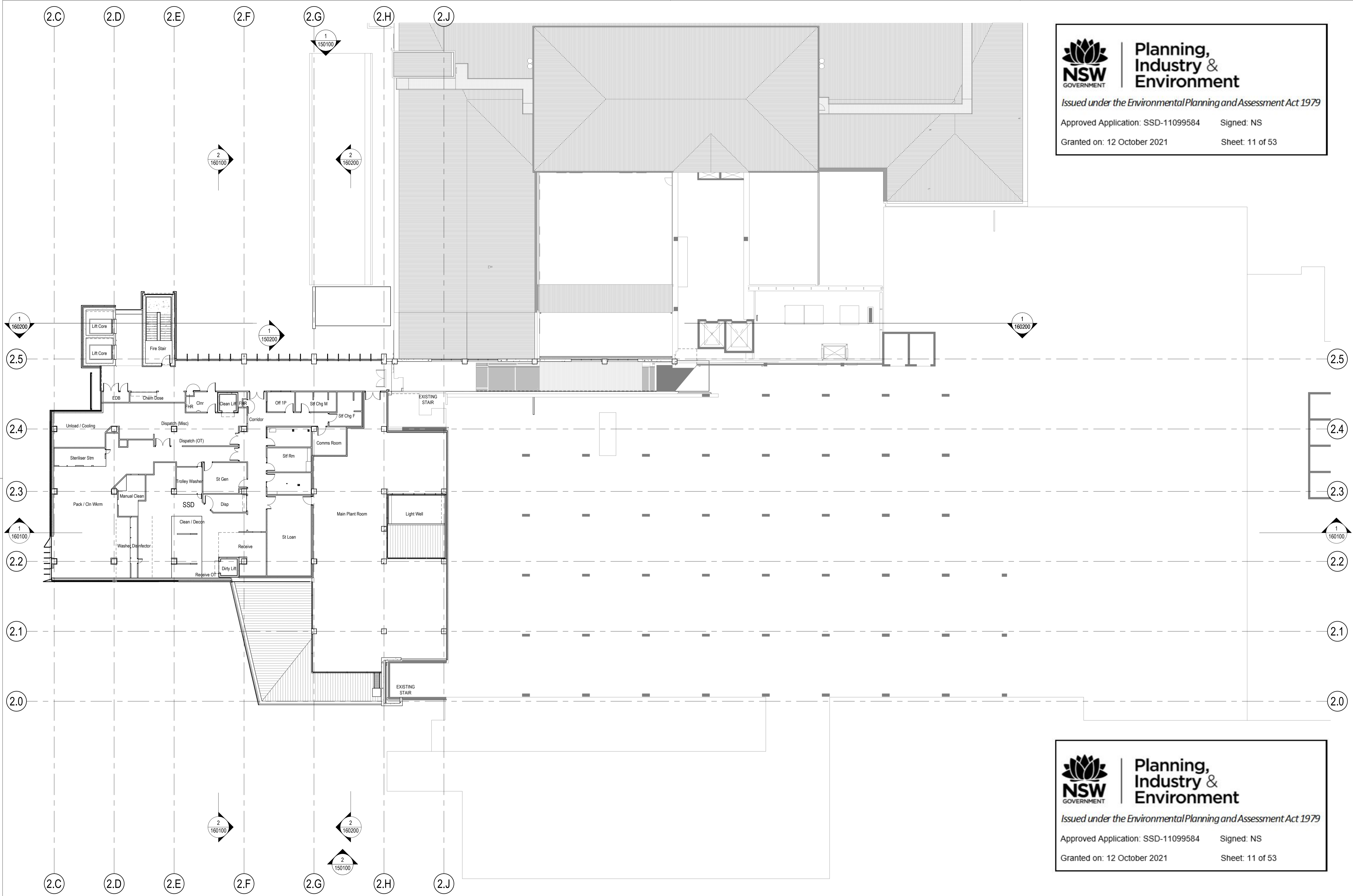
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**GENERAL ARRANGEMENT - LEVEL
03 - SSD**

PROJECT STATUS

SSDA

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PROJECT NUMBER	DRAWING NUMBER
10192314	HDR-AR-SSD-111300 2
ISSUE	
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Granted on: 12 October 2021 Sheet: 11 of 53



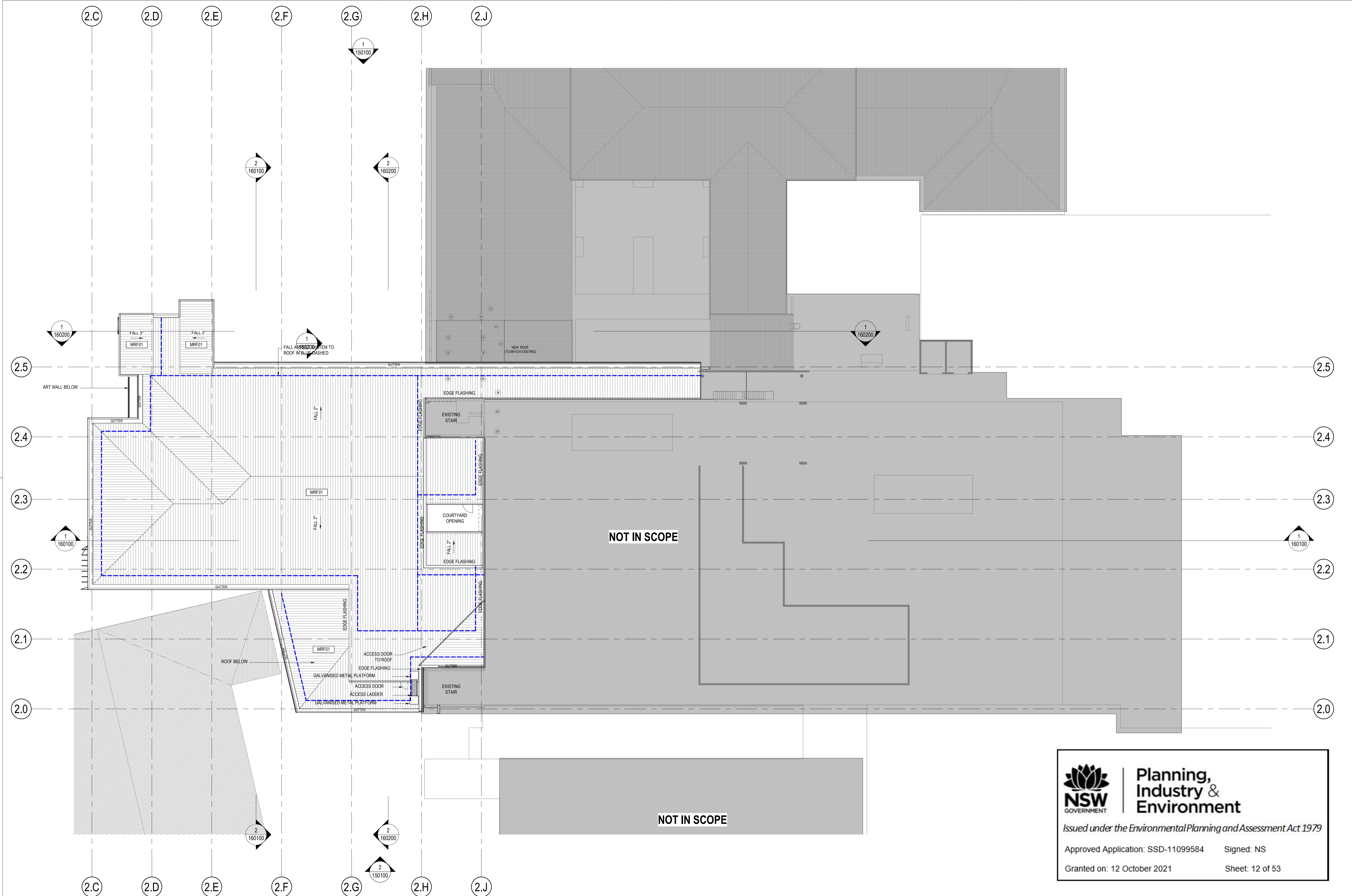
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Granted on: 12 October 2021 Sheet: 11 of 53

BIM 360://10192314_Sutherland_Hospital_Operating_Theatre_Upgrade_2020/SHOTUP_INTERNAL.rvt



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Granted on: 12 October 2021 Sheet: 12 of 53

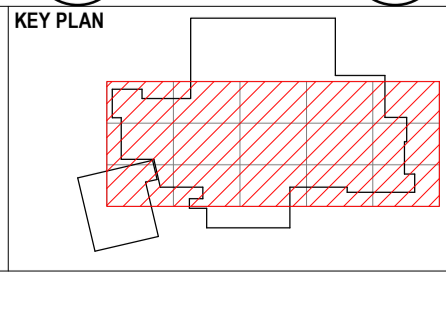
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1	SSD ISSUE	HDR	HDR	05/08/20

NORTH POINT

TRUE NORTH

0 1000 4000 8000

1:200mm



CLIENT

Health
Infrastructure

Level 6 77 Pacific Highway, North Sydney, NSW2060
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PROJECT

THE SUTHERLAND HOSPITAL OPERATING
THEATRE UPGRADE

KINGSWAY & KAREENA ROAD,
CARINGBAH NSW 2229

DRAWING TITLE

GENERAL ARRANGEMENT - LEVEL
05 ROOF PLANT - SSD

PROJECT STATUS

SSDA

SCALE

1: 200 @ A1

PROJECT NUMBER

10192314

DRAWING NUMBER

HDR-AR-SSD-111500

ISSUE

2

DATE

13/11/20

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FRAMED DGU CURTAIN WALL SYSTEM

SOFFIT TO UNDERCROFT TO EXTEND 1.2M FROM FACADE EDGE

UNCAPPED DGU CURTAIN WALL SYSTEM WITH PERFORATED SUN HADING EXTENDED OFF MULLIONS

ART WALL TO BE DEFINED WITH CLIENT AND ART CONSULTANT DURING DESIGN DEVELOPMENT

PANELISED CONCRETE SKIN TO LIFT CORE

BRICK BASE TO MATCH EXISTING BRICK FACADE FOR STAGE 1 WORKS

GLASS CANOPY FOR NORTH ENTRY

FOR LANDSCAPING PLEASE REFER TO LANDSCAPE SD REPORT

1 Indicative View from North
1 : 1000

ART WALL TO BE DEFINED WITH
CLIENT AND ART CONSULTANT
DURING DESIGN DEVELOPMENT

FRAMED DGU CURTAIN
WALL SYSTEM

PANELISED
CONCRETE SKIN
TO LIFT CORE

EXTRUDED MESH
COLOUR TO MATCH
ART WALL

ASSYMETRIC METAL
PANELISED SYSTEM

UNCAPPED DGU CURTAIN WALL
SYSTEM WITH PERFORATED SUN
HADING EXTENDED OFF MULLIONS



FOR LANDSCAPING PLEASE
REFER TO LANDSCAPE SD
REPORT

GLASS CANOPY FOR
NORTH ENTRY

DARK GREY PIGMENT
COLOUR TO BE USED FOR
LEVEL 2 COLUMNS

EXTRUDED EXPOSED
STEEL C SECTION

SOFFIT TO UNDERCROFT TO
EXTEND 1.2M FROM FACADE
EDGE

1 INDICATIVE VIEW FROM WEST

1: 1000

11/12/2020 2:33:16 PM

REV	DESCRIPTION OF CHANGE	CHECKED	ISSUED	DATE	1m	5m	1.0mm
2	DRAFT EIS ISSUE	AB	MT	13/11/20			
1	SSD ISSUE	HDR	HDR	05/08/20			
1							

CLIENT	NSW GOVERNMENT	Health Infrastructure
	Level 6 77 Pacific Highway, North Sydney, NSW 2060	
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PROJECT	THE SUTHERLAND HOSPITAL OPERATING THEATRE UPGRADE
	KINGSWAY & KAREENA ROAD, CARINGBAH NSW 2229

DRAWING TITLE	INDICATIVE VIEW 02
PROJECT STATUS	SSDA

SCALE	DATE
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PROJECT NUMBER	DRAWING NUMBER
10192314	HDR-AR-SSD-800102 2
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SUTHERLAND HOSPITAL

KINGSWAY & KAREENA RD, CARINGBAH, NSW

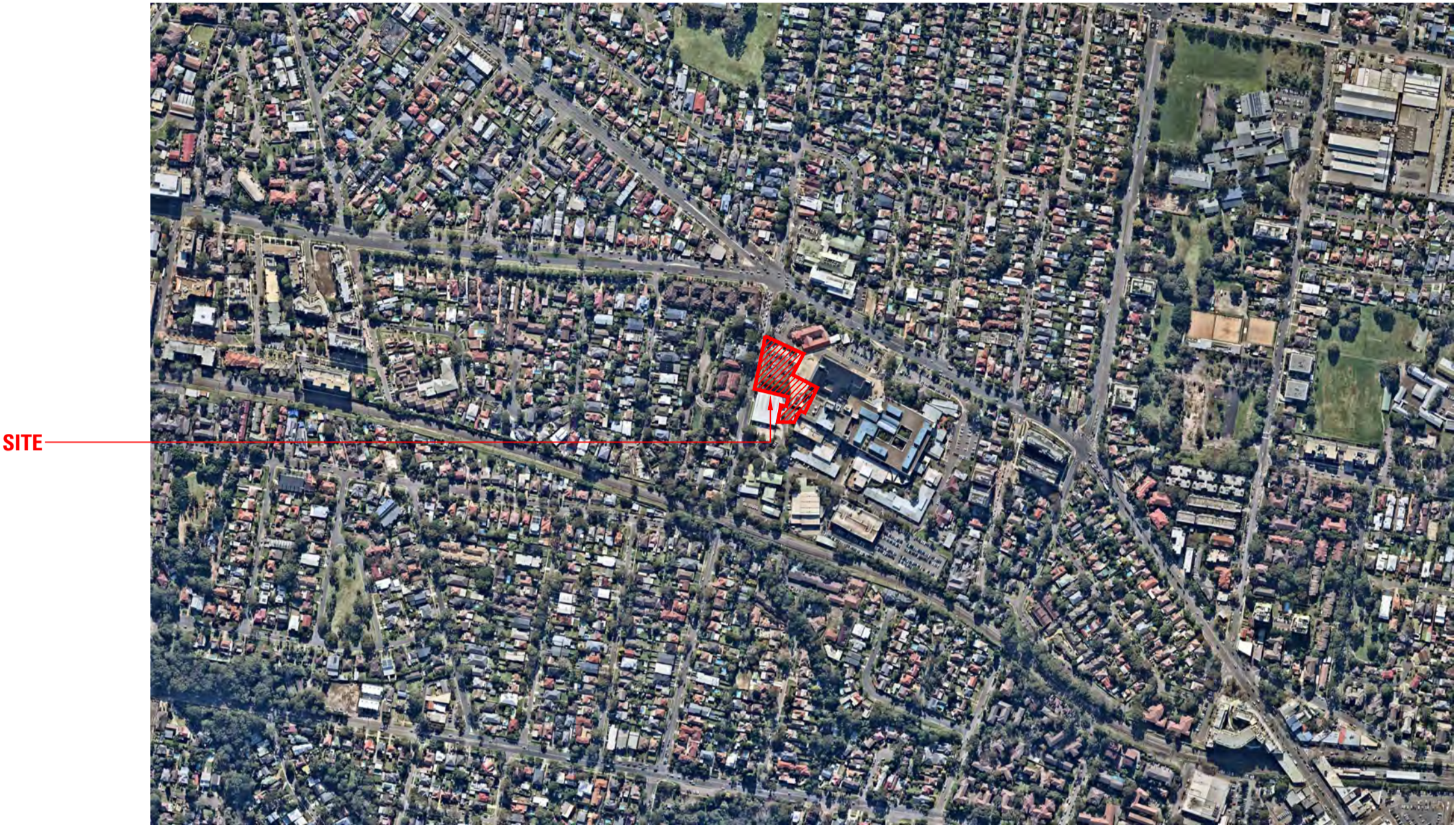
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DRAWING SCHEDULE

DRAWING NO.	DRAWING TITLE
000	COVER SHEET
100	LANDSCAPE MASTERPLAN
201	SETOUT AND GRADING- GROUND FLOOR
202	SETOUT AND GRADING- GROUND FLOOR
203	SETOUT AND GRADING- GROUND FLOOR
204	SETOUT AND GRADING- GROUND FLOOR
205	SETOUT AND GRADING- GROUND FLOOR
300	MATERIALS SCHEDULE
301	HARDWORKS-GROUND FLOOR
302	HARDWORKS-GROUND FLOOR
303	HARDWORKS-GROUND FLOOR
304	HARDWORKS-GROUND FLOOR
305	HARDWORKS-GROUND FLOOR
400	PLANTING SCHEDULE
401	PLANTING PLAN
402	PLANTING PLAN
403	PLANTING PLAN
404	PLANTING PLAN
405	PLANTING PLAN
501	SECTIONS
502	SECTIONS
600	LANDSCAPE DETAILS
620	LANDSCAPE DETAILS
630	LANDSCAPE DETAILS
631	LANDSCAPE DETAILS
650	LANDSCAPE DETAILS
L-SP001	LANDSCAPE SPECIFICATION

LOCATION PLAN

SCALE: NTS

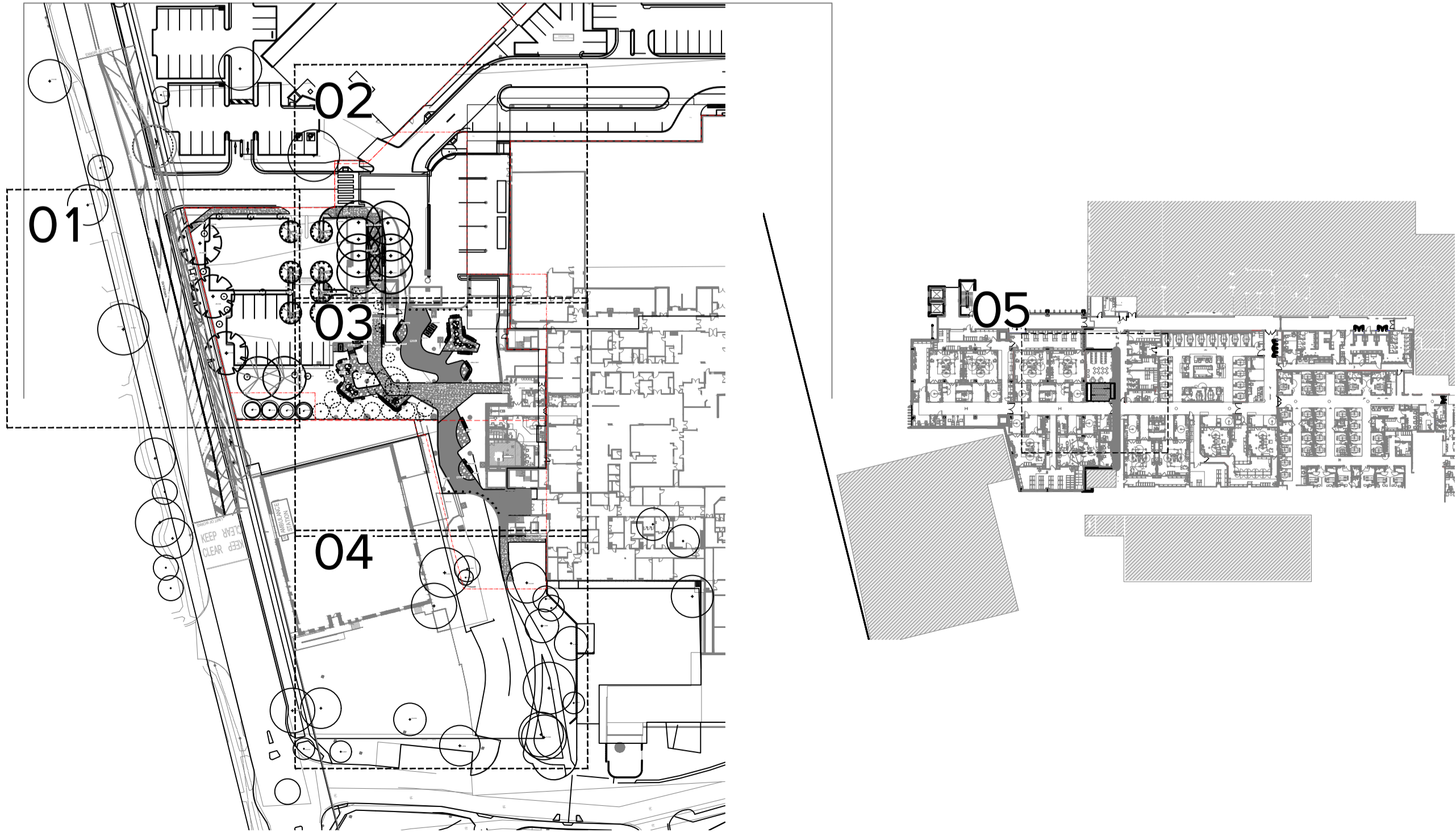


Key Plan

KEY PLAN

LANDSCAPE MASTERPLAN

SCALE: 1:1000@A1



1	70% TENDER	SE	CT	23.02.21
Issue	Revision	Description	Drawn	Check Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender

Client



Drawing No. Drawing Name
L-100 Coversheet

Job No.	20-693	
Issue	1	
Scale	1:100 @ A1	

Sydney, Suite 76, Jones Bay Wharf, 26-32 Pirrama Road, Pyrmont NSW 2009
E sydney@arcadiala.com.au T 02 8571 2900
Brisbane, Suite 9/01, Level 9 100 Edward Street Brisbane QLD 4000
E brisbane@arcadiala.com.au T 07 3071 8000

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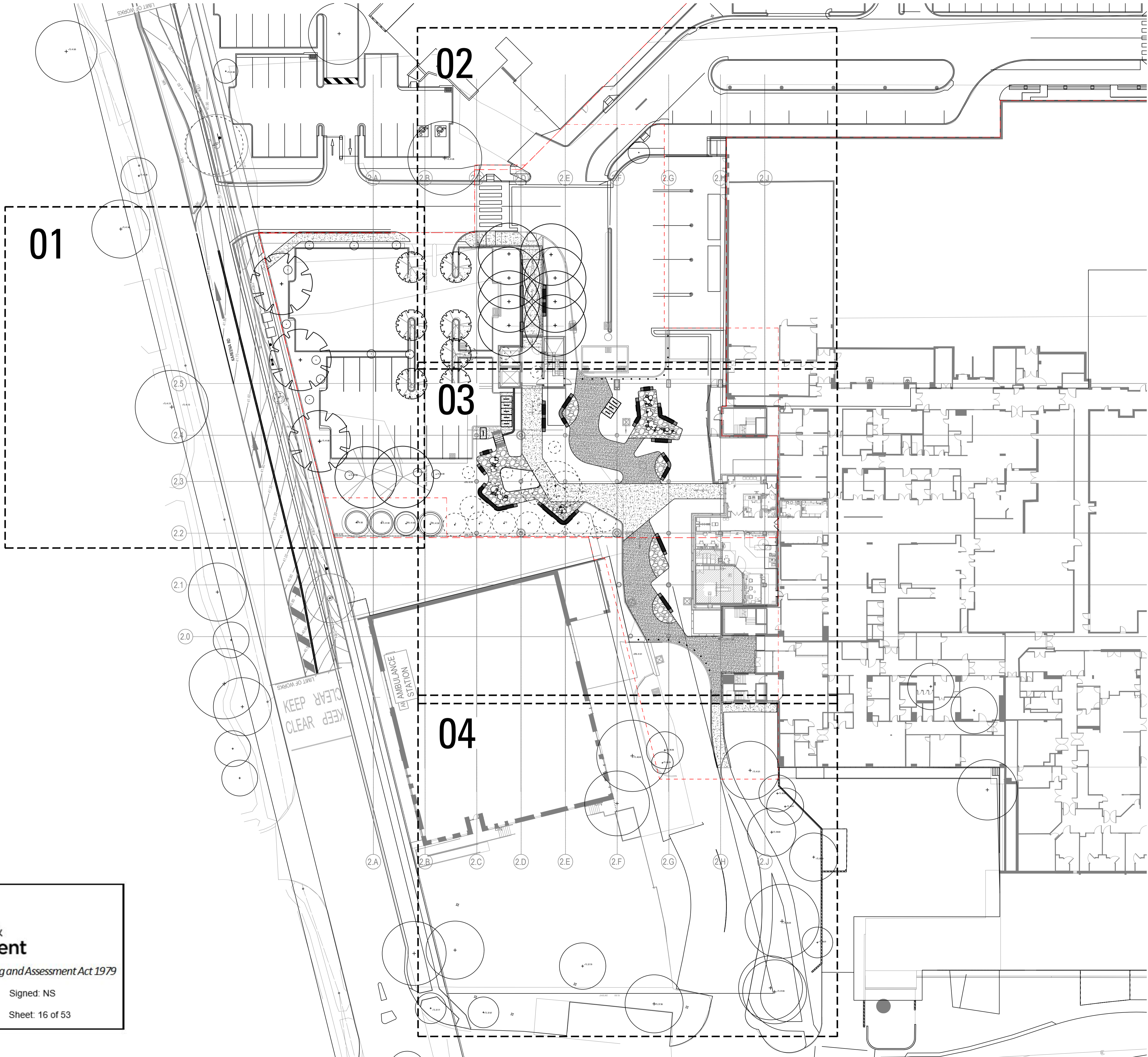


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Granted on: 12 October 2021 Sheet: 15 of 53



Key Plan

1	70% TENDER	SE	CT	23.02.21
Issue	Revision	Description	Drawn	Check Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender

Client
NSW Health
Infrastructure

Drawing No. Drawing Name
L-101 Masterplan - Ground

Job No. 20-693
Issue 1
Scale 1:300 @ A1
0 1 5 10 20m

Sydney, Suite 76, Jones Bay Wharf, 26-32 Pirrama Road, Pyrmont NSW 2009
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**Planning,
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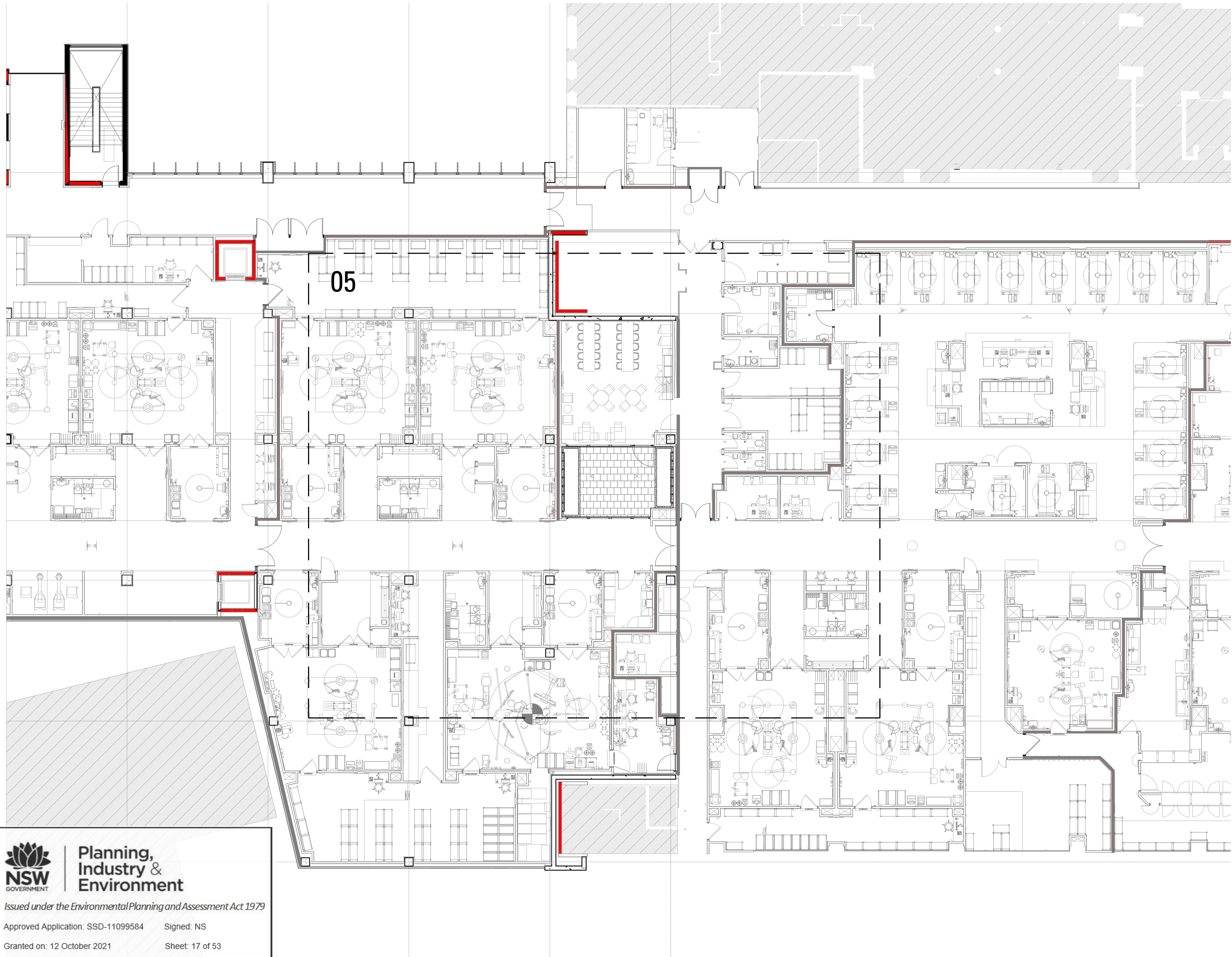
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Approved Application: SSD-11099584

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Granted on: 12 October 2021

Sheet: 16 of 53



Key Plan

DRAFT

1	70% TENDER	SE	CT	23.02.21
Issue	Revision Description	Drawn	Check	Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender

Client
NSW Health
Infrastructure

Drawing No. Drawing Name
L-102 Masterplan - L03

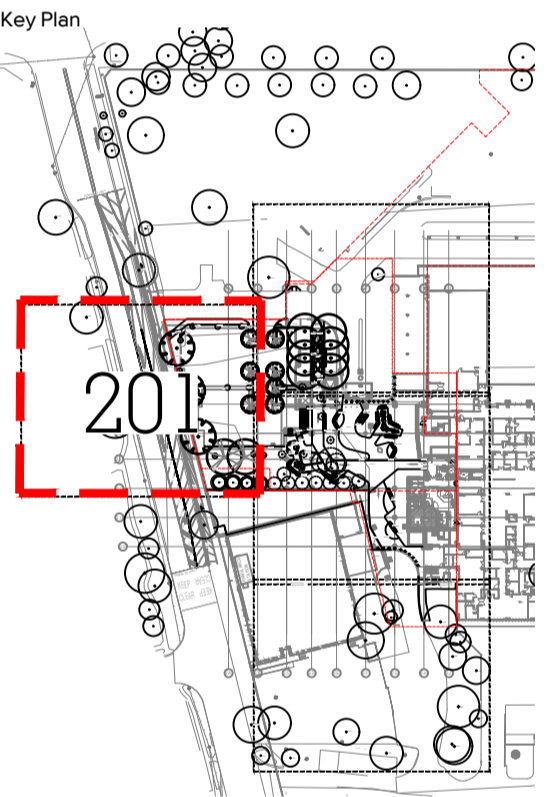
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Issue 1
Scale 1:100 @ A1
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ARCADIA

- ANGLE MEASUREMENT
- DISTANCE MEASUREMENT
- RADIUS MEASUREMENT
- SETOUT GUIDES
- SETOUT MARKER

- GRADING
- RL REDUCED LEVEL
- FFL FINISHED FLOOR LEVEL
- TS/BS TOP / BOTTOM OF STEP
- TW/BW TOP / BOTTOM OF WALL
- PL TOP OF PIT
- TOS TOP OF SEAT
- TR/BR TOP / BOTTOM OF RAMP



1	70% TENDER	SE	CT	23.02.21
Issue	Revision Description	Drawn	Check	Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender

Client
 

Drawing No. Drawing Name

L-201 Setout & Grading Plan

Job No. 20-693
Issue 1
Scale 1:100 @ A1
0 1 2 3 4 5m

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NSW
GOVERNMENT

Planning,
Industry &
Environment

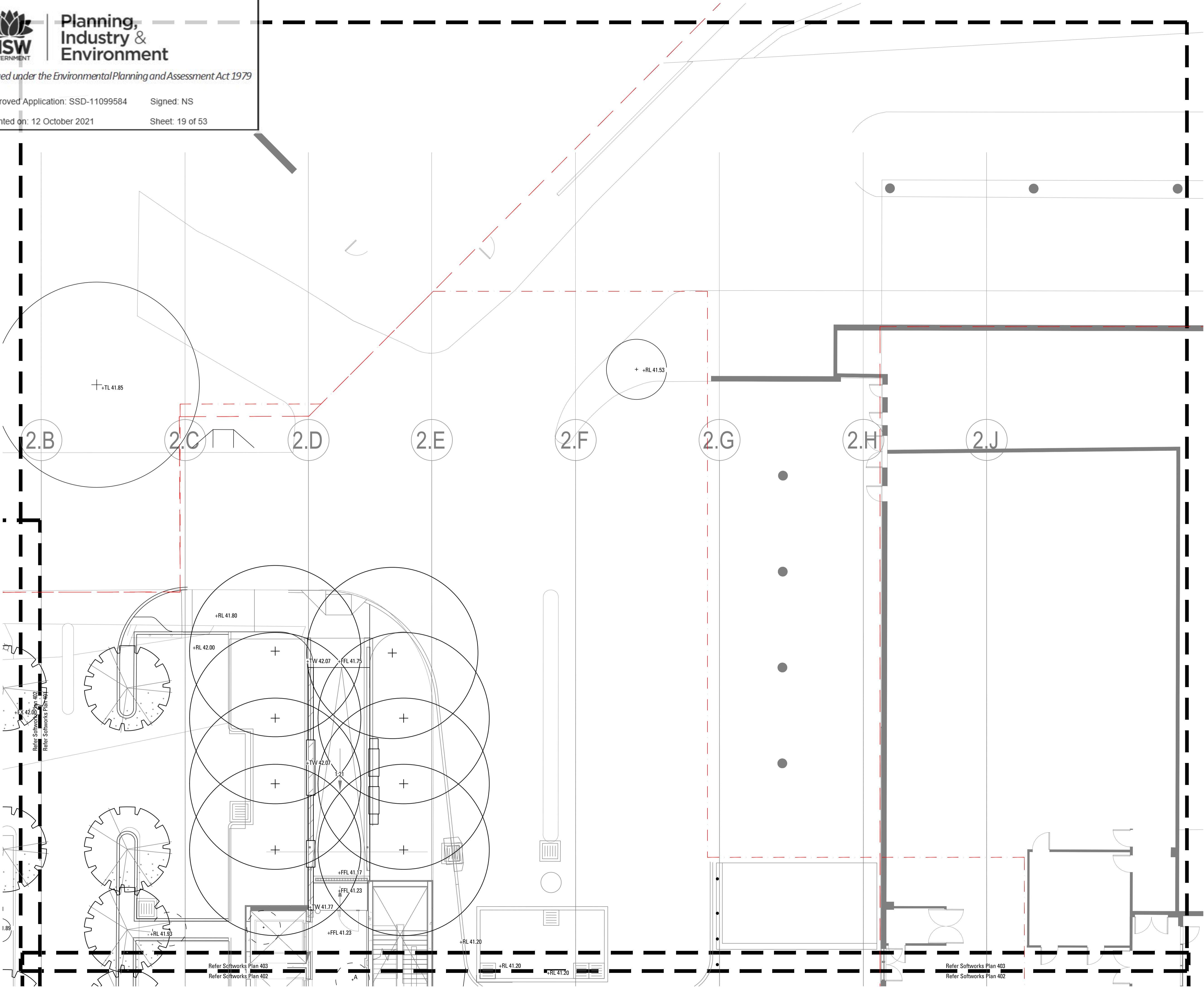
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Approved Application: SSD-11099584


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
Granted on: 12 October 2021


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- 


ANGLE MEASUREMENT
- 

DISTANCE MEASUREMENT
- 


RADIUS MEASUREMENT
- 

SETOUT GUIDES
- 


SETOUT MARKER
- GRADING




REDUCED LEVEL




FINISHED FLOOR LEVEL




TOP / BOTTOM OF STEP




TOP / BOTTOM OF WALL



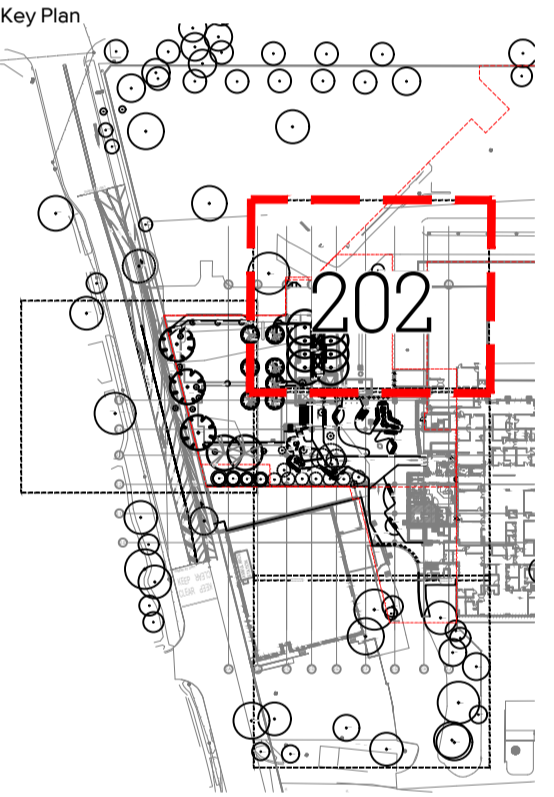
TOP OF PIT



TOP OF SEAT



TOP / BOTTOM OF RAMP



1	70% TENDER	SE	CT	23.02.21
Issue	Revision	Description	Drawn	Check Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender



Drawing No. Drawing Name
L-202 Setout & Grading Plan

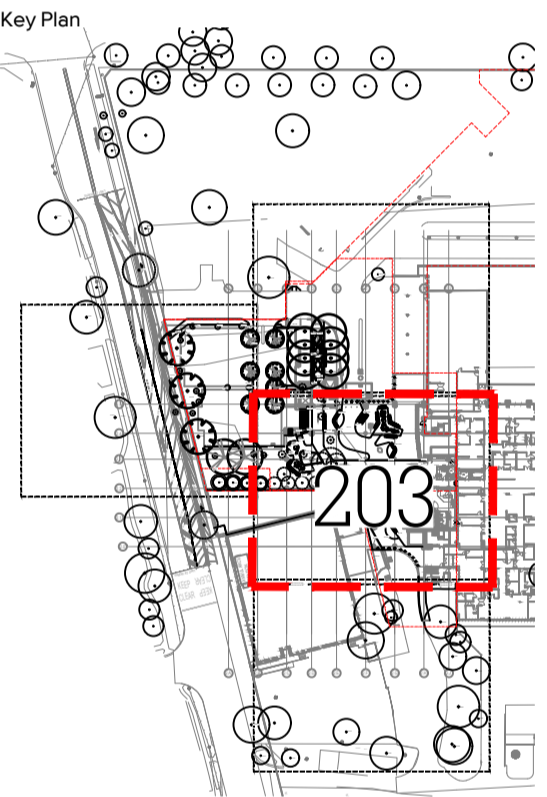
Job No. 20-693
Issue 1
Scale 1:100 @ A1
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ARCADIA

- ANGLE MEASUREMENT
- DISTANCE MEASUREMENT
- RADIUS MEASUREMENT
- SETOUT GUIDES
- SETOUT MARKER

- GRADING
- RL REDUCED LEVEL
- FFL FINISHED FLOOR LEVEL
- TS/BS TOP / BOTTOM OF STEP
- TW/BW TOP / BOTTOM OF WALL
- PL TOP OF PIT
- TOS TOP OF SEAT
- TR/BR TOP / BOTTOM OF RAMP



1	70% TENDER	SE	CT	23.02.21
Issue	Revision Description	Drawn	Check	Date

Not for Construction

Project

Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229

Tender

Client



Drawing No. Drawing Name

L-203 Setout & Grading Plan

Job No. 20-693

Issue 1

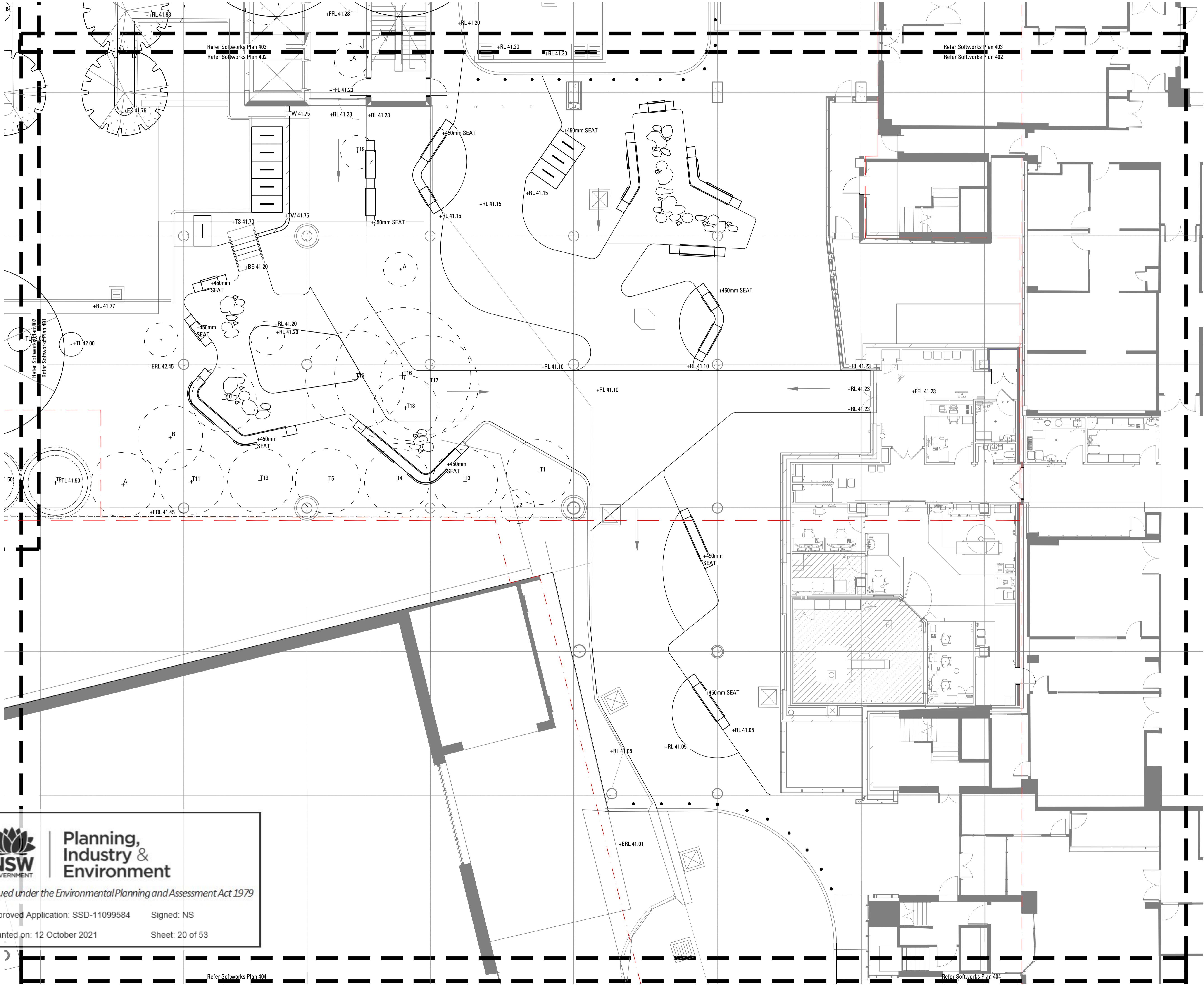
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0 1 2 3 4 5m

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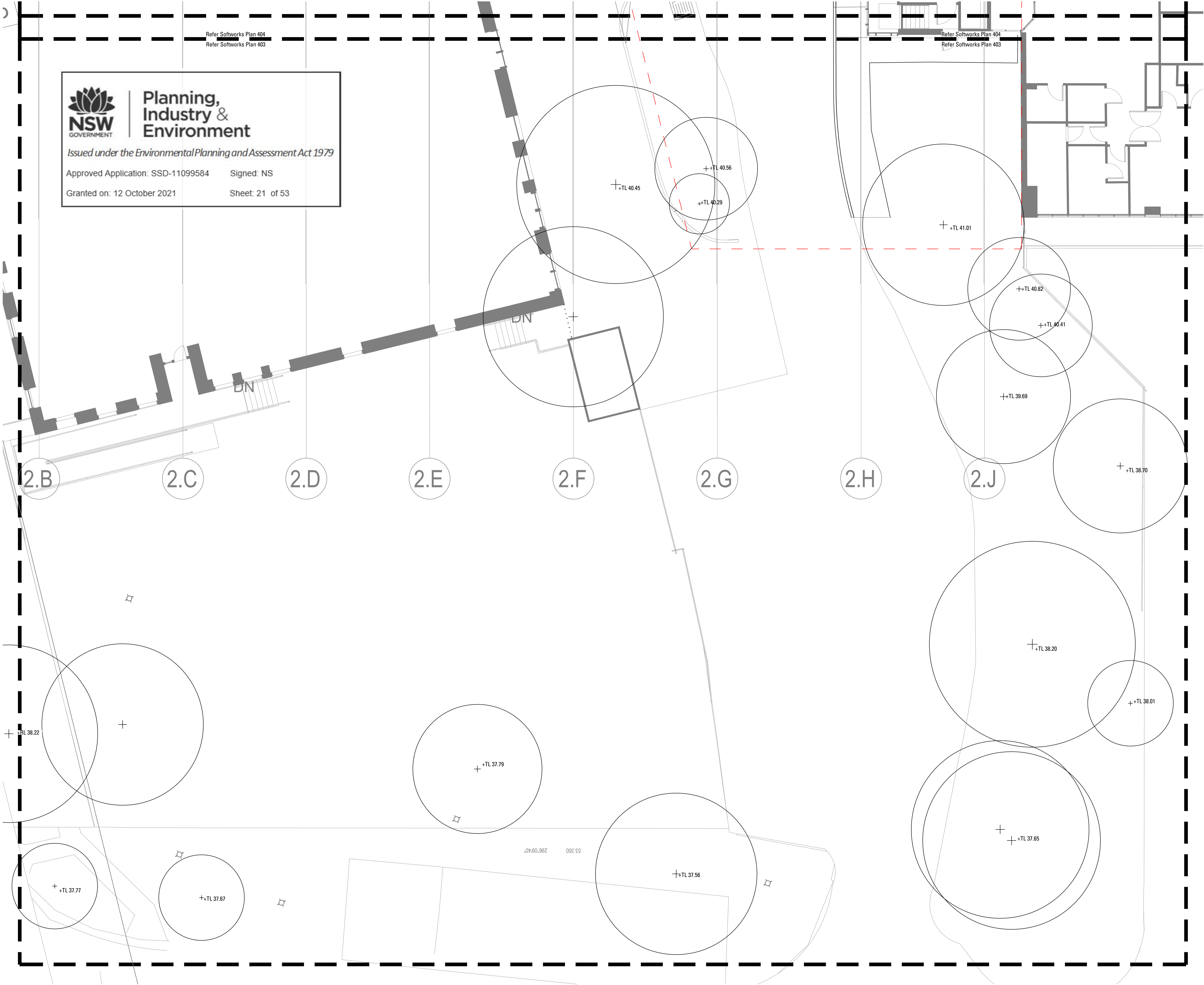
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Refer Softworks Plan 404

Refer Softworks Plan 404





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Industry &
Environment

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
Approved Application: SSD-11099584


Signed: NS


Granted on: 12 October 2021


Sheet: 21 of 53


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- 


ANGLE MEASUREMENT
- 

DISTANCE MEASUREMENT
- 


RADIUS MEASUREMENT
- 

SETOUT GUIDES
- 


SETOUT MARKER
- GRADING




REDUCED LEVEL




FINISHED FLOOR LEVEL




TOP / BOTTOM OF STEP




TOP / BOTTOM OF WALL



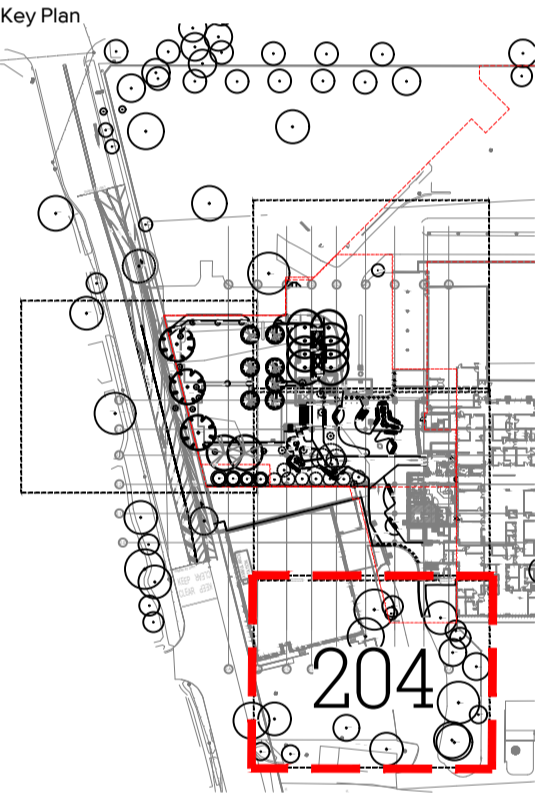
TOP OF PIT



TOP OF SEAT



TOP / BOTTOM OF RAMP



1	70% TENDER	SE	CT	23.02.21
Issue	Revision Description	Drawn	Check	Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender

Client
 

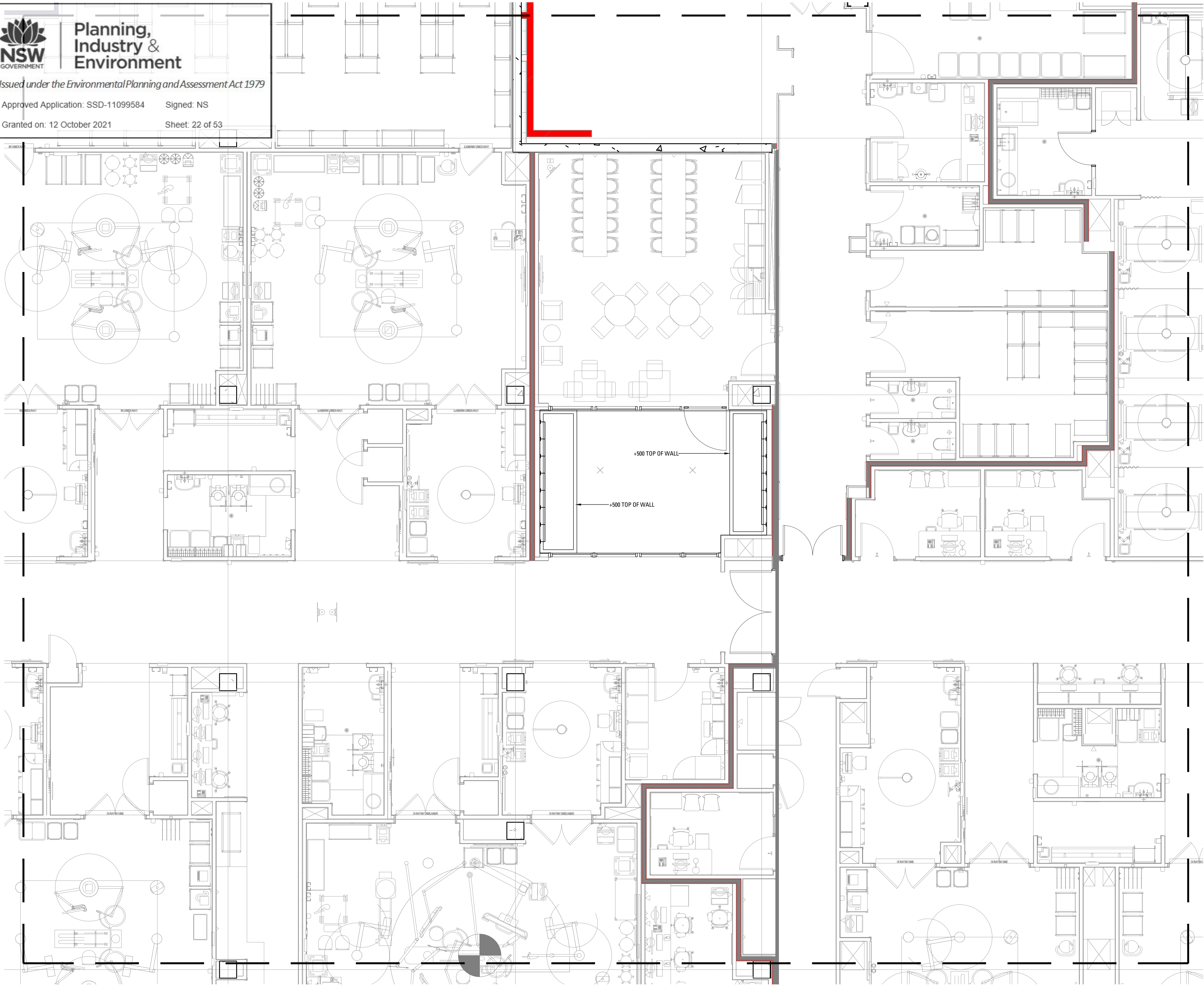
Drawing No. Drawing Name

L-204 Setout & Grading Plan


Job No. 20-693
Issue 1
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
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



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- 


ANGLE MEASUREMENT
- 

DISTANCE MEASUREMENT
- 


RADIUS MEASUREMENT
- 

SETOUT GUIDES
- 


SETOUT MARKER
- GRADING




REDUCED LEVEL




FINISHED FLOOR LEVEL




TOP / BOTTOM OF STEP




TOP / BOTTOM OF WALL



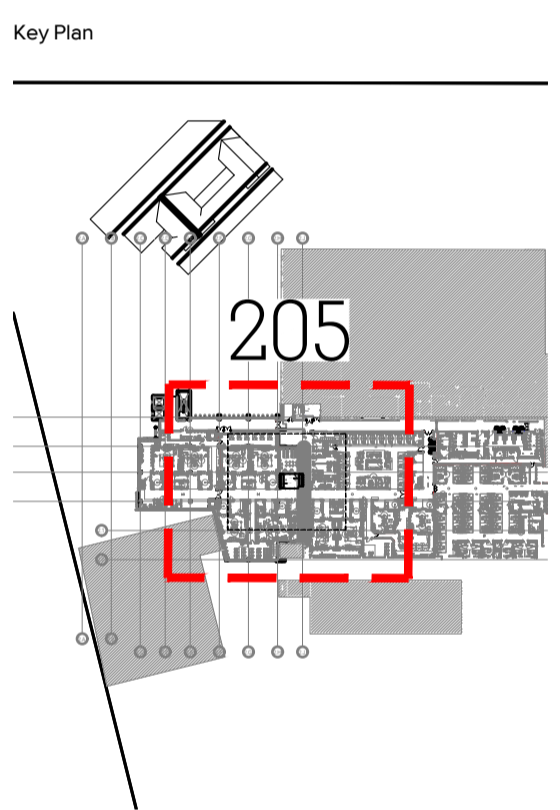
TOP OF PIT



TOP OF SEAT
























TOP / BOTTOM OF RAMP



20-693 - SUTHERLAND HOSPITAL - MATERIAL SCHEDULE

CODE	TYPE	DETAIL	LOCATION	PRODUCT INFORMATION	MATERIAL	CONSTRUCTION NOTES
	PAVING & SURFACES					
P1	Insitu concrete paving	01/600	Refer Landscape Plans	Colour - Grey Cement, Finish - Exposed Aggregate	Insitu concrete to Engineers Specification	Refer to Detail and Specification
P2	Unit pavers on pedestals	03/600	Refer Landscape Plans	Stone Outdoor Precast Paver. Finish: Etch; Colour: Boston	600 x 600 x 38mm Concrete Paver	Refer to Detail and Specification
P3	Feature unit pavers on grade	04/600	Refer Landscape Plans	Equal to Gosford Quarries	30mm thick Sandstone Crazy Parve, mortar to match sandstone colour	Refer to Detail and Specification
P4	Exposed Ag Paving	05/600	Refer Landscape Plans	Grey Cement CCS.Oxide Colour: Ghost Gum; Exposed Aggregate	Concrete to Engineers specification.	Refer to Detail and Specification
TGSI	Tactile Studs	N/A	Stairs, Ramps, Refer Landscape Plans	Equal to Allsafe Flooring, TIS 008-8BK	Aluminium, black, epoxy fixed	Refer to Detail and Specification
	EDGING					
SE	Typical Mild Steel Edge	06/600	Refer Landscape Plans	Galvanised Mild steel, 100x3mm in longest lengths; 10x 10x200mm long	Mild galvanised steel with galvanised fixings	Refer to Detail and Specification
	WALLS					
W1a	Insitu Concrete Wall	01/610	Refer Landscape Plans	Formed Insitu Concrete.	Concrete to Engineers Specification	Refer to Detail and Specification
W11b	Insitu Concrete Wall with Seat	02/610	Refer Landscape Plans	Formed Insitu Concrete.	Concrete to Engineers Specification	Refer to Detail and Specification
W2	Sandstone Wall	03/610	Refer Landscape Plans	Equal to Gosford Quarries	Concrete Footing to Engineers Specification	Refer to Detail and Specification
	HANDRAILS AND FENCING					
H1	Handrail type 1	01/620	Refer Landscape Plans	Tubular SS 38DIA handrails	Stainless Steel	Refer to Detail and Specification
	FURNITURE & FIXTURES					
F1a	Bench seat on concrete	01/630	Refer Landscape Plans	Custom Design Refer to Detail	Aluminium Frame (Meteor); 30 x 40mm Innwood Slats FS04030S. Colour: Golden Oak; Concrete to Engineers Specification	Refer to Detail and Specification
F1b	Bench seat on concrete with backrest	02/630		Custom Design Refer to Detail	Aluminium Frame (Meteor); 30 x 40mm Innwood Slats FS04030S. Colour: Golden Oak; Concrete to Engineers Specification	Refer to Detail and Specification
F2a	Bench seat on sandstone	03/630	Refer Landscape Plans	Custom Design Refer to Detail	Aluminium Frame (Meteor); 30 x 40mm Innwood Slats FS04030S. Colour: Golden Oak; 500x500x1000 Sandstone Logs	Refer to Detail and Specification
F2b	Benchseat on sandstone with backrest	04/630	Refer Landscape Plans	Custom Design Refer to Detail	Aluminium Frame (Meteor); 30 x 40mm Innwood Slats FS04030S. Colour: Golden Oak; 500x500x1000 Sandstone Logs	Refer to Detail and Specification
F3	Sandstone Boulders	01/631	Refer Landscape Plans	Equal to Gosford Quarries	Boulders from Gosford Quarries to be selected by Landscape Architect	Refer to Detail and Specification
B1	Fixed Bollard	02/631	Refer Landscape Plans	Equal to Street Furniture Australia Slim Bollard B5, flat top	Stainless Steel	Refer to Specification
B2	Removable Bollard	03/631	Refer Landscape Plans	Equal to Street Furniture Australia Slim Bollard B5, flat top	Stainless Steel	Refer to Specification
BR	Bike Rack	04/631	Refer Landscape Plans	Equal to D.O.Smith and Sons, B004	Stainless Steel	Refer to Specification
PT	Planting trellis	06/650	Refer Landscape Plans	Equal to Ronstan AGS5 Easy Green Wire Trellis, Vertical	Trellis: Stainless steel AGS5	Refer to Specification

HARDWORKS

	INSITU CONCRETE PAVING Refer Landscape Specification
	UNIT PAVING ON PEDESTAL Refer Landscape Specification
	UNIT PAVING ON GRADE Refer Landscape Specification
	FEATURE CRAZY PAVING Refer Landscape Specification
	EXPOSED AGGREGATE PAVING Refer Landscape Specification
	STEPS TYPE 1 Refer Landscape Specification
	DIRECTIONAL TACTILE Refer Landscape Specification
	HANDRAIL TYPE 1 Refer Landscape Specification
	PRAM RAMP Refer Landscape Specification
	STEEL EDGING Refer Landscape Specification
	INSITU CONCRETE WALL Refer Landscape Specification
	INSITU CONCRETE SEATING WALL Refer Landscape Specification
	SANDSTONE WALL Refer Landscape Specification
	BENCH SEAT - ON CONCRETE Refer Landscape Specification
	BENCH SEAT 1 - ON SANDSTONE Refer Landscape Specification
	BENCH SEAT 2 - ON SANDSTONE Refer Landscape Specification
	BENCH SEAT 2 - ON SANDSTONE Refer Landscape Specification
	BIKE RACK Refer Landscape Specification
	BOLLARD - FIXED Refer Landscape Specification
	BOLLARD - REMOVABLE Refer Landscape Specification
	SANDSTONE BOULDERS Refer Landscape Specification

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Key Plan

1	70% TENDER	SE	CT	23.02.21
Issue	Revision Description	Drawn	Check	Date

Not for Construction

Project

Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229

Tender

Client



Drawing No.	Drawing Name
-------------	--------------

L-300 Materials Schedule

Job No. 20-693

Issue 1

Scale:

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E brisbane@arcadiala.com.au
T 07 3071 8000

ARCADIA



Planning, Industry & Environment

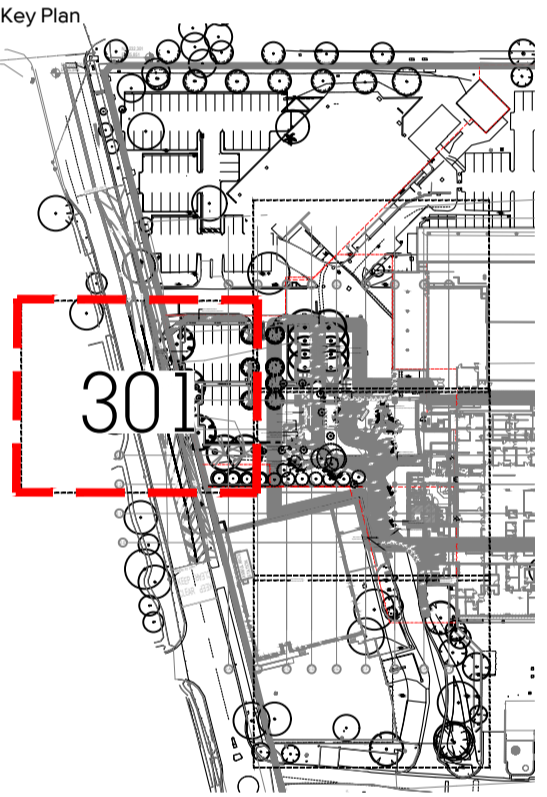
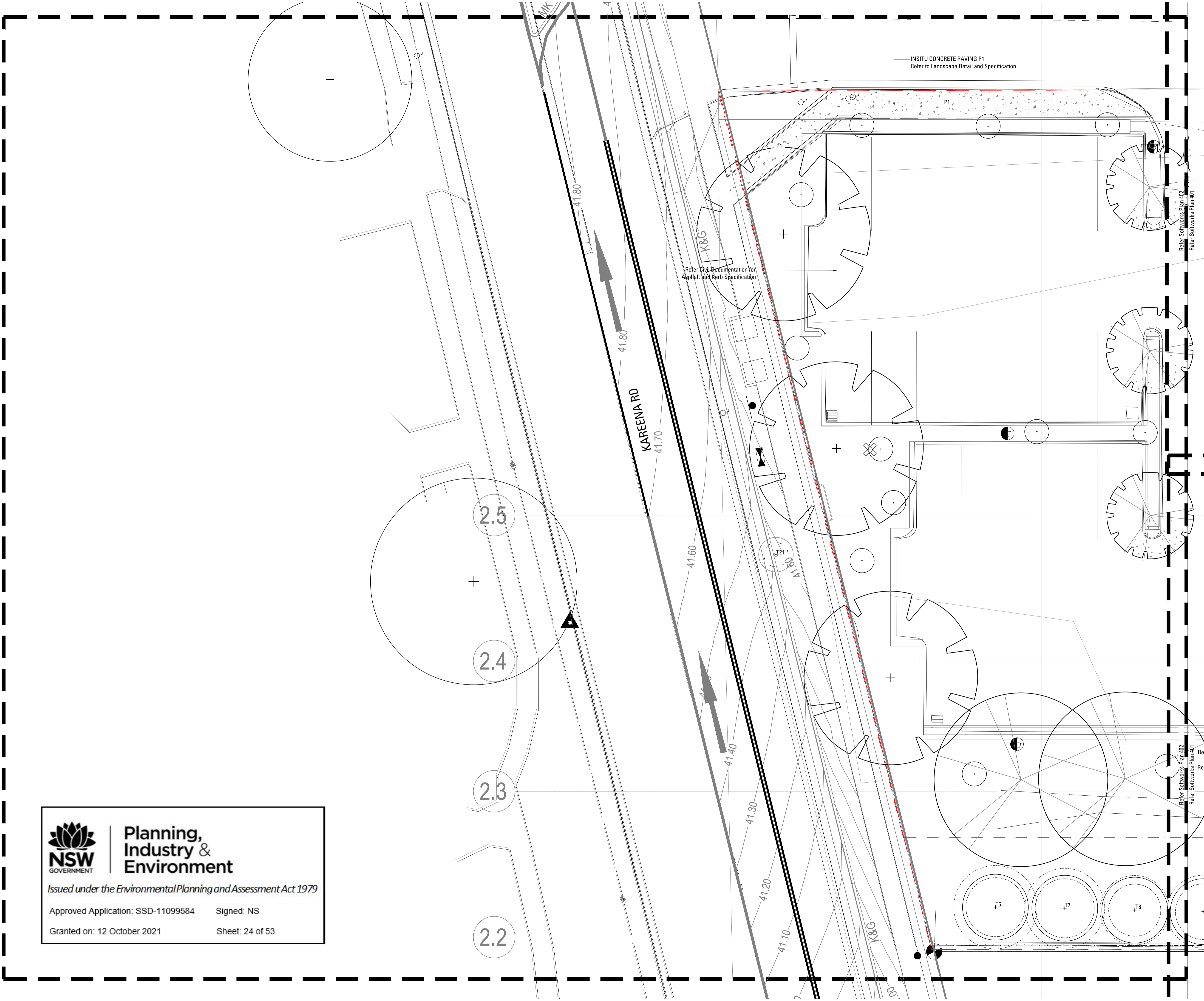
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Signed: NS

Granted on: 12 October 2021

Sheet: 23 of 53





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Environment**

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Approved Application: SSD-11099584

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Granted on: 12 October 2021

Sheet: 24 of 53

1	70% TENDER	SE	CT	23.02.21
Issue	Revision Description	Drawn	Check	Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229

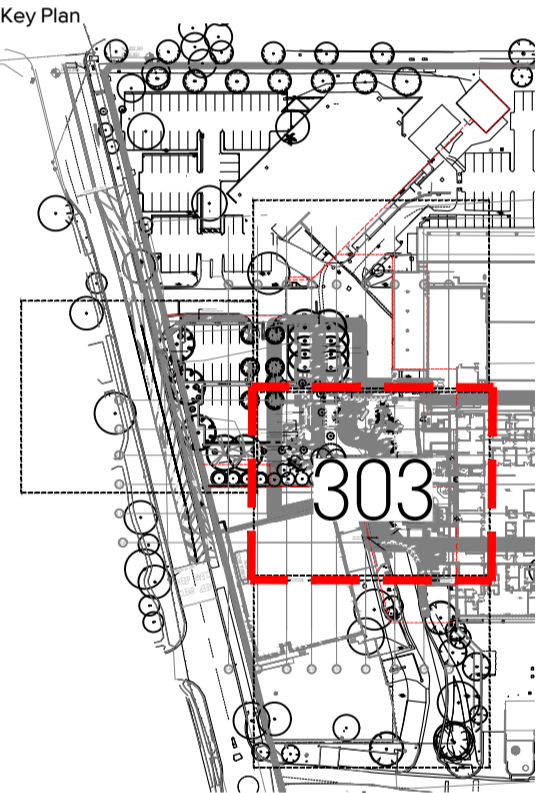
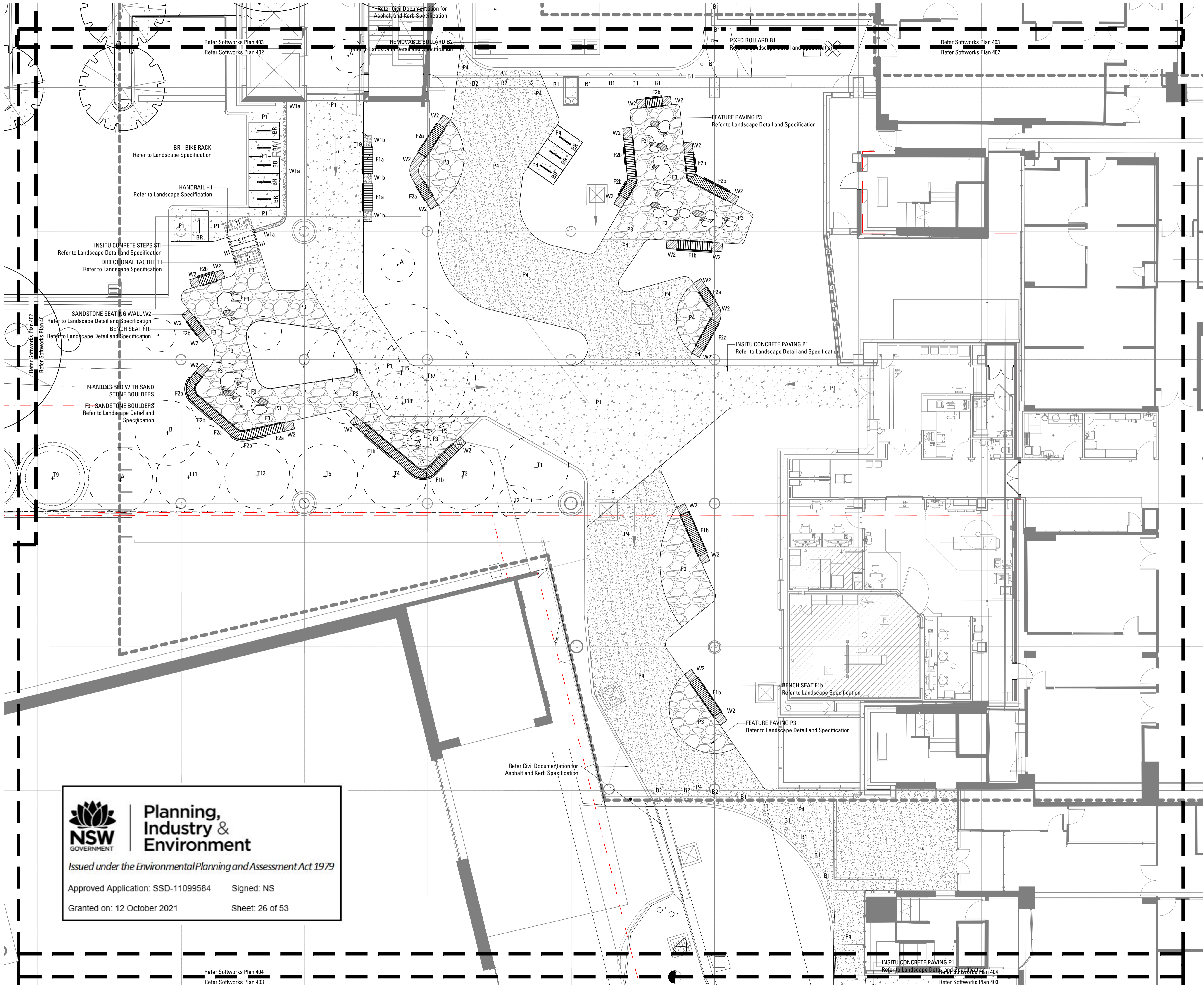
Tender
Client
 

Drawing No. Drawing Name
L-301 Hardworks

Job No. 20-693
Issue 1
Scale 1:100 @ A1
0 1 2 3 4 5m

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Granted on: 12 October 2021 Sheet: 26 of 53

1	70% TENDER	SE	CT	23.02.21
Issue	Revision Description	Drawn	Check	Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender

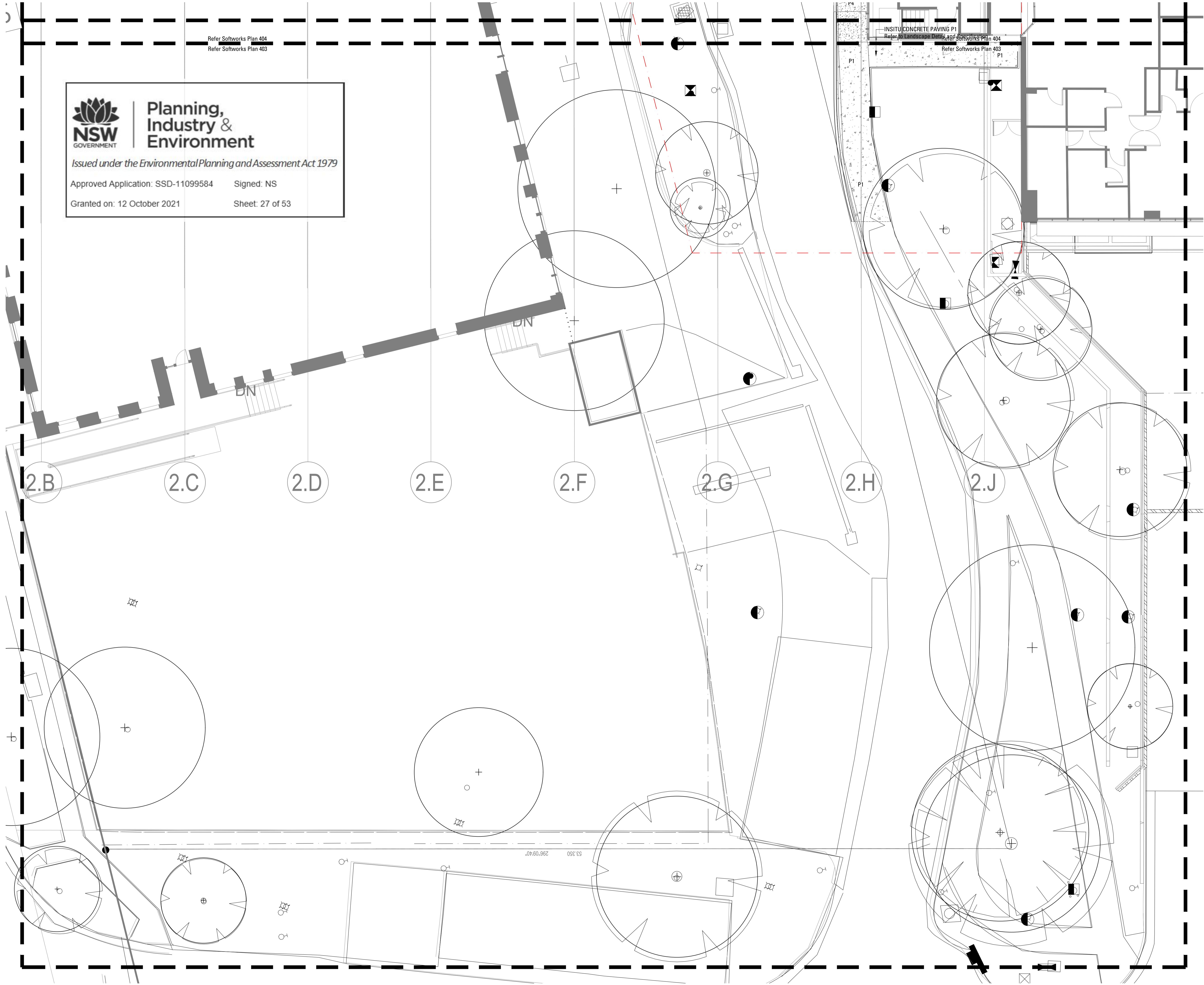


Drawing No. Drawing Name
L-303 Hardworks

Job No. 20-693
Issue 1
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**Planning,
Industry &
Environment**

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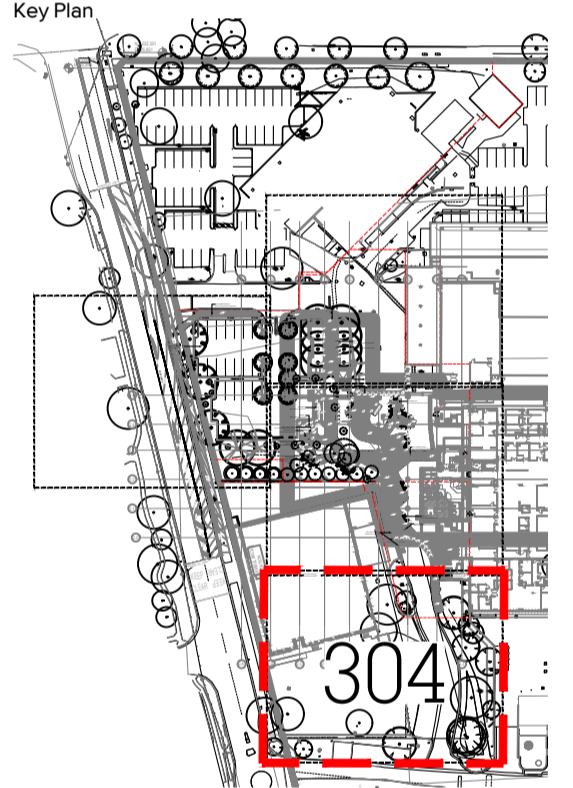
Approved Application: SSD-11099584

Signed: NS

Granted on: 12 October 2021

Sheet: 27 of 53

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1	70% TENDER	SE	CT	23.02.21
Issue	Revision Description	Drawn	Check	Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229

Tender

Client



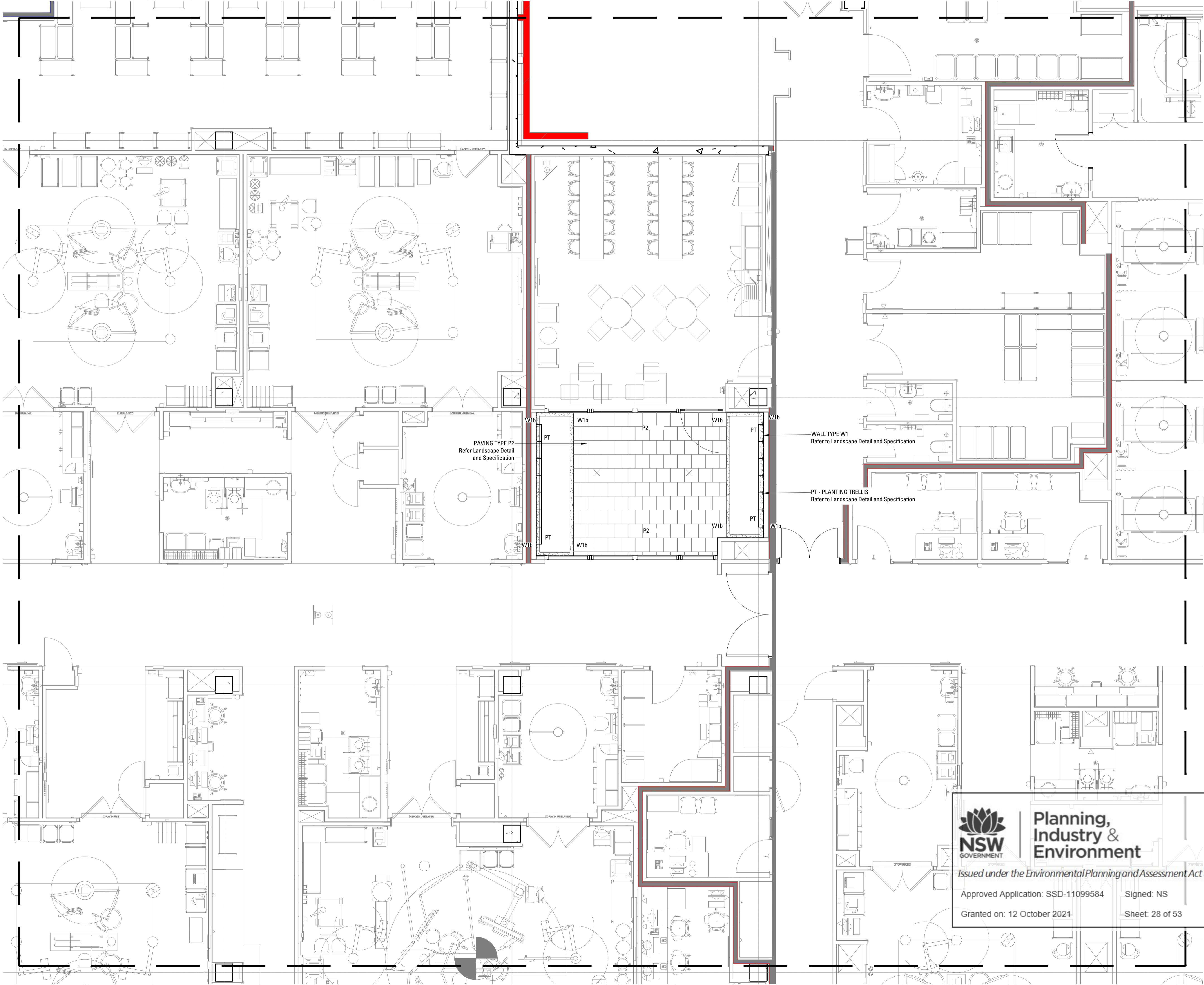
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L-304 Hardworks

Job No. 20-693
Issue 1
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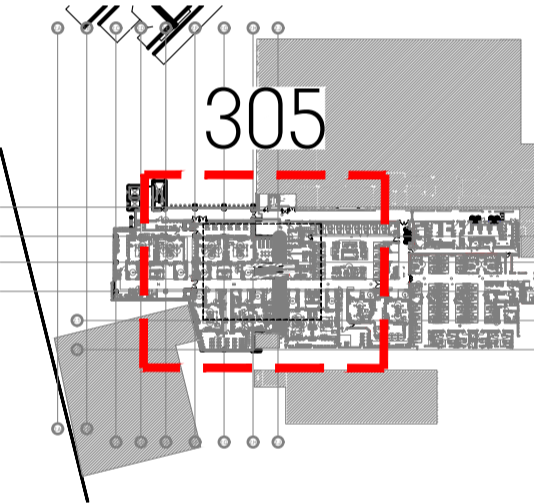
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Key Plan



1	70% TENDER	SE	CT	23.02.21
Issue	Revision Description	Drawn	Check	Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender



Drawing No. Drawing Name
L-305 Hardworks

Job No. 20-693
Issue 1
Scale 1:50 @ A1
0 0.5 1 1.5 2 2.5m

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Granted on: 12 October 2021 Sheet: 28 of 53

20-693 SUTHERLAND HOSPITAL PLANT SCHEDULE

CODE	BOTANIC NAME	COMMON NAME	MATURE SIZE (h x w) (m)	PROPOSED POT SIZE	QUANTITY
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	TREES & PALMS				
Ac	<i>Angophora costata</i>	Smooth-Barked Apple	20 x 10	100L	2
Eu	<i>Eucalyptus umbra</i>	Broad-leaved white mahogany	20 x 10	100L	2
Cm	<i>Corymbia maculata</i>	Spotted Gum	25 x 15	200L	8
Er	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	8 x 5	100L	7
	SHRUBS & ACCENTS				
Bs	<i>Banksia serrata</i>	Saw Banksia	3 x 2	200mm	10
BGC	<i>Banksia spinulosa 'Giant Candles'</i>	Giant Candles Banksia	1.5 x 1	200mm	6
Bs	<i>Boronia serrulata</i>	Native Rose	1 x 0.6	200mm	10
Cc	<i>Callistemon citrinus</i>	Bottlebrush	6 x 3	200mm	6
Fe	<i>Ficus elastic</i>	Rubber Fig	2 x 2	300mm	8
Ab	<i>Alocasia brisbanensis</i>	Cunjevoi Lily/ Elephant Ears	2.5 x 1	300mm	186
CBM	<i>Colocasia 'Black Magic'</i>	Black Elephant Ears	1 x 1.5	300mm	42
FI	<i>Ficus lyrata</i>	Fiddleleaf Fig	5 x 3	300mm	26
	GROUNDCOVERS & CLIMBERS				
DSF	<i>Dichondra repens 'Silver Falls'</i>	Silver Falls	0.2 x spreading	150mm	155
Hv	<i>Hardenbergia violacea</i>	False Sarsaparilla	0.25 x spreading	150mm	212
Vh	<i>Viola hederacea</i>	Native Violet	0.2 x 0.5	150mm	384
Ca	<i>Cissus antarctica</i>	Kangaroo Vine	0.5 x spreading	150mm	16

	CAR PARK MATRIX				
Dr	<i>Dianella revoluta</i>	Spreading Flax Lily	1 x 1.5	150mm	226
LI	<i>Lomandra longifolia</i>	Spiny Headed Mat Rush	1 x 1	150mm	180
Ta	<i>Themeda australis</i>	Kangaroo Grass	1 x 1	150mm	361
Wg	<i>Wahlenbergia gracilis</i>	Blue Bells	0.2 x 0.2	200mm	120
Sc	<i>Scaevola calendulacea</i>	Dune Fan Flower	0.5 x 0.5	200mm	120
Sr	<i>Scaevola ramosissima</i>	Hairy Fan Flower	0.4 x 0.1	200mm	120
Smc	<i>Scaevola aemula</i>	Fan Flower	0.25 x 1	200mm	120
Sa	<i>Scaevola albida</i>	White fan flower	0.2 x 2	200mm	120
GG	<i>Grevillea 'Gaudichaudii'</i>	Grevillea	0.2 x 1.5	150mm	120

	GRASS MATRIX 01				
Dr	<i>Dianella revoluta</i>	Spreading Flax Lily	1 x 1.5	150mm	94
LI	<i>Lomandra longifolia</i>	Spiny Headed Mat Rush	1 x 1	150mm	78
Lm	<i>Lomandra multiflora</i>	Mat Rush	1 x 1	150mm	62
Ta	<i>Themeda australis</i>	Kangaroo Grass	1 x 1	150mm	94
Cg	<i>Carpobrotus glaucescens</i>	Pig Face	0.25 x spreading	150mm	83
BRC	<i>Banksia integrifolia 'Roller Coaster'</i>	Banksia	0.5 x 4	150mm	83

	ENTRANCE MATRIX				
Sa	<i>Scaevola albida</i>	White fan flower	0.2 x 2	200mm	102
Dd	<i>Dampiera diversifolia</i>	Dampiera	0.4 x 1	150mm	45
Dc	<i>Dianella caerulea</i>	Flax Lily	0.5 x 0.5	150mm	68
Ta	<i>Themeda australis</i>	Kangaroo Grass	1 x 1	150mm	102

	SHADE MATRIX 01				
Dr	<i>Dianella revoluta</i>	Spreading Flax Lily	1 x 1.5	150mm	51
Hv	<i>Hardenbergia violacea</i>	False Sarsaparilla	0.25 x spreading	150mm	183
Dc	<i>Dianella caerulea</i>	Flax Lily	0.5 x 0.5	150mm	86
Wc	<i>Wahlenbergia communis</i>	Blue Bells	0.15 x 0.15	200mm	114
Lm	<i>Liriope muscari</i>	Liriope	0.4 x 0.5	150mm	114
	SHADE MATRIX 02				
Ad	<i>Adiantum aethiopicum</i>	Maidenhair Fern	0.5 x 0.5	200mm	75
DSF	<i>Dichondra repens 'Silver Falls'</i>	Silver Falls	0.2 x spreading	150mm	168
Aa	<i>Asplenium australasicum</i>	Birds Nest Fern	1.5 x 1.5	200mm	37
Hm	<i>Hypolepis muellerii</i>	Harsh Ground Fern	0.3 x 1	200mm	70
Cc	<i>Cyathea cooperi</i>	Tree Fern	5 x 2	200mm	14
Cco	<i>Calomnion complanatum</i>	Calomnion Moss	0.1 x spreading	200mm	56
	SHADE MATRIX 03				
Ca	<i>Cyathea australis</i>	Rough Tree Fern	5 x 2	200mm	8
Bc	<i>Barbula calycina</i>	Barbula Moss	0.1 x Spreading	200mm	80
Bn	<i>Blechnum nudum</i>	Fishbone water fern	1 x 1	200mm	96
Af	<i>Adiantum formosum</i>	Giant Maidenhair	1.2 x 0.6	200mm	60
Da	<i>Dicksonia antarctica</i>	Scaly Tree Fern	9 x 4	200mm	12
Vh	<i>Viola hederacea</i>	Native Violet	0.2 x 0.5	150mm	64
DSF	<i>Dichondra repens 'Silver Falls'</i>	Silver Falls	0.2 x spreading	150mm	12
Lm	<i>Liriope muscari</i>	Liriope	0.4 x 0.5	150mm	64

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Key Plan

1	70% TENDER	SE	CT	23.02.21
Issue	Revision	Description	Drawn	Check Date

Not for Construction

Project

Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229

Tender

Client



Drawing No. Drawing Name

L-400 Softworks Plan

Job No. 20-693

Issue 1

Scale 1:100 @ A1

0 1 2 3 4 5m

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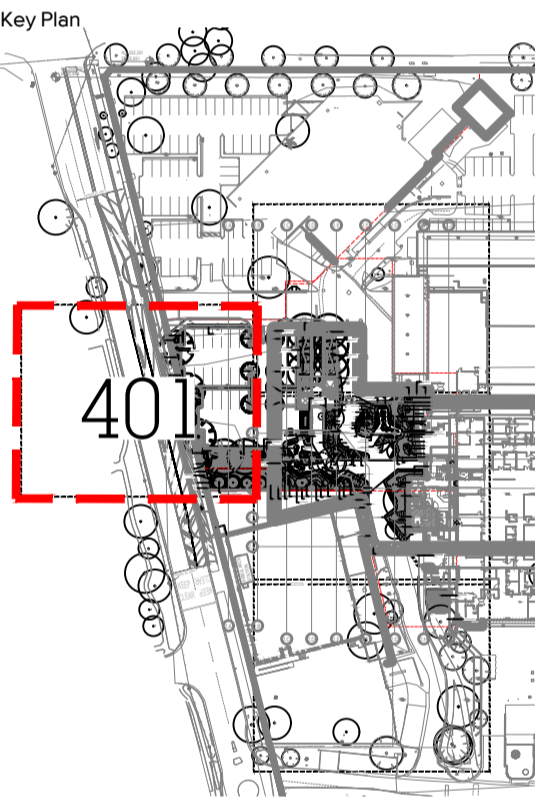
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Approved Application: SSD-11099584 Signed: NS

Granted on: 12 October 2021 Sheet: 29 of 53

- EXISTING TREES TO BE RETAINED
Refer Landscape Specification
- EXISTING TREES TO BE REMOVED
Refer Landscape Specification
- FEATURE TREE PLANTING
Refer Landscape Specification
- SHRUB AND ACCENT PLANTING
Refer Landscape Specification
- CAR PARK MATRIX
Refer Landscape Specification
- ENTRANCE MATRIX
Refer Landscape Specification
- GRASS MATRIX
Refer Landscape Specification
- SHADE MATRIX 01
Refer Landscape Specification
- SHADE MATRIX 02
Refer Landscape Specification
- SHADE MATRIX 03
Refer Landscape Specification
- TURF
Refer Landscape Specification



1	70% TENDER	SE	CT	23.02.21
Issue	Revision Description	Drawn	Check	Date

Not for Construction

Project

Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229

Tender

Client
 

Drawing No. Drawing Name

L-401 Softworks Plan

Job No. 20-693
Issue 1
Scale 1:100 @ A1
0 1 2 3 4 5m

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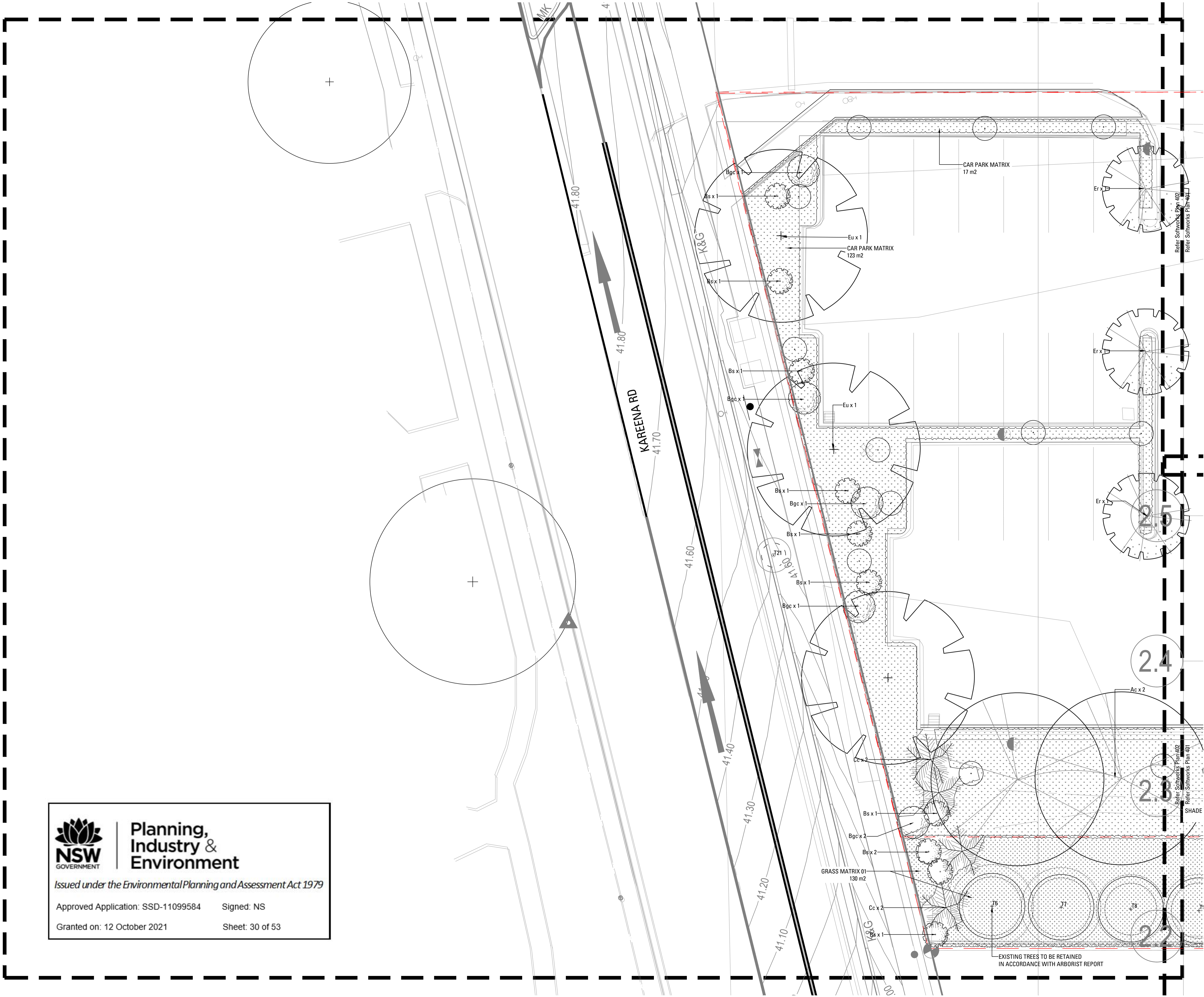


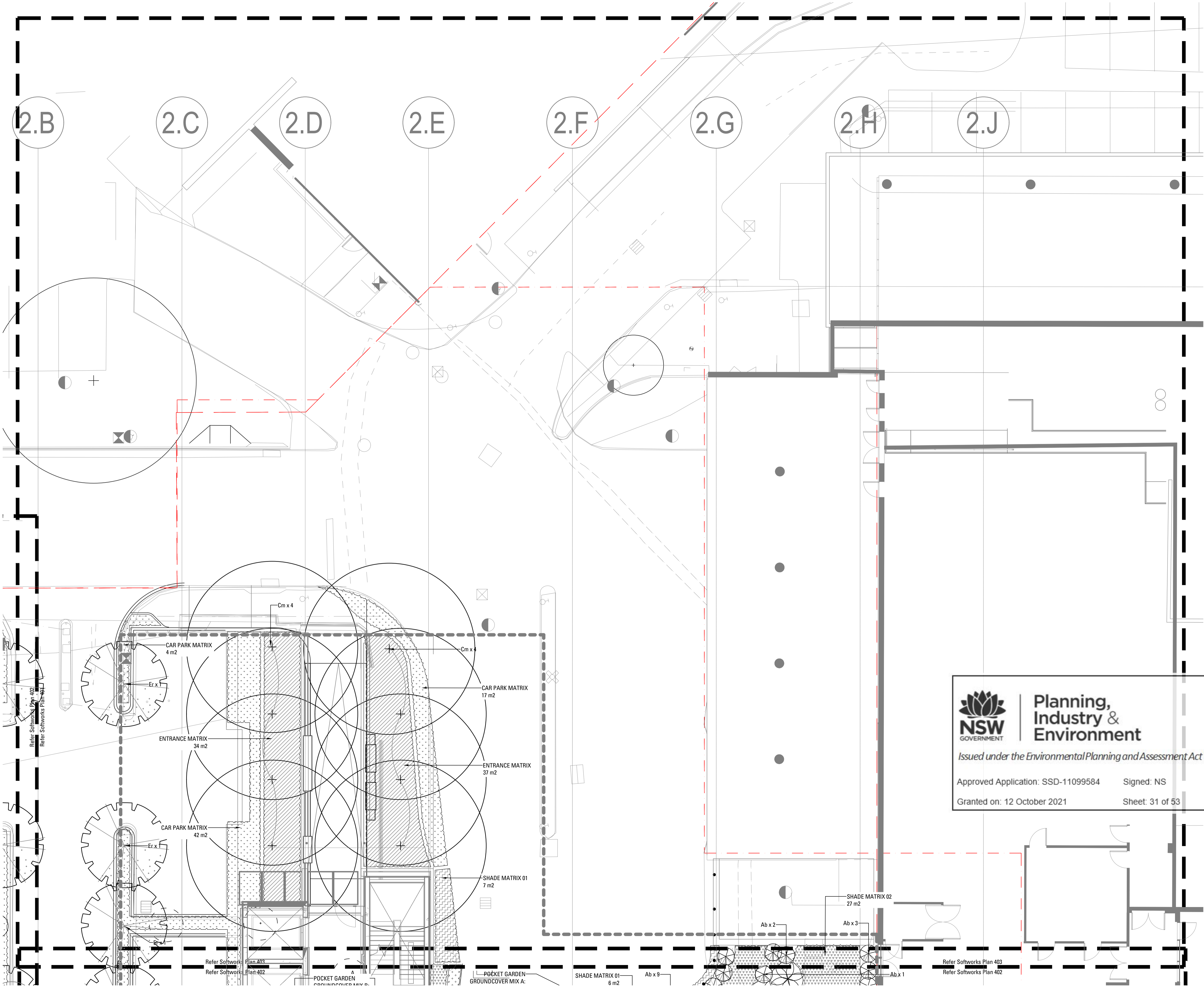
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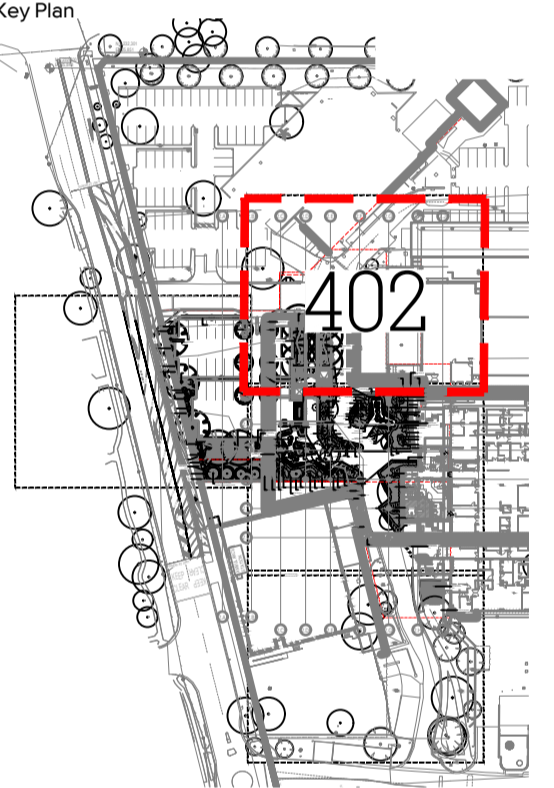
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Refer Landscape Specification
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Refer Landscape Specification
- TURF
Refer Landscape Specification





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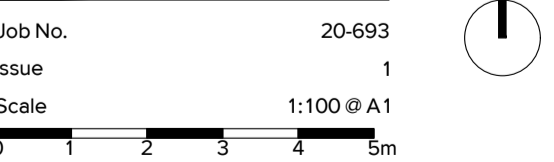
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Issue	Revision Description	Drawn	Check	Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender



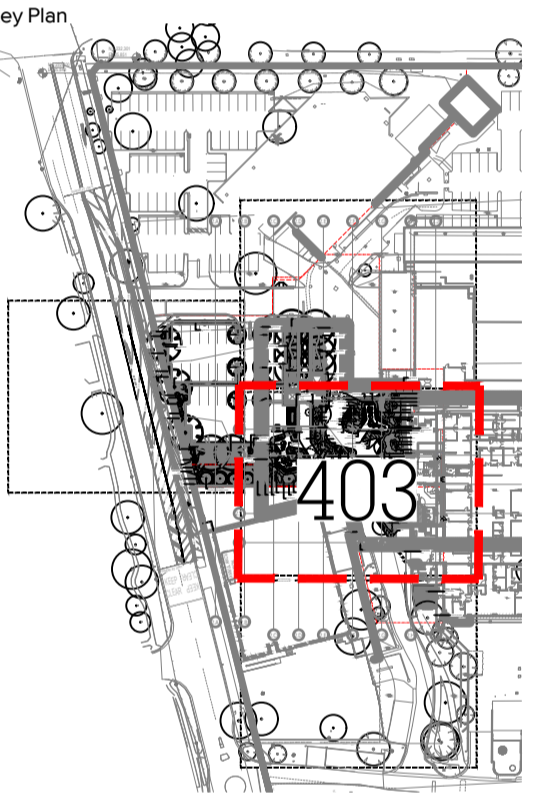
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L-402 Softworks Plan



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Refer Landscape Specification
- SHADE MATRIX 03
Refer Landscape Specification
- TURF
Refer Landscape Specification



1	70% TENDER	SE	CT	23.02.21
Issue	Revision	Description	Drawn	Check Date

Not for Construction

Project

Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender

Client



Drawing No. Drawing Name

L-403 Softworks Plan

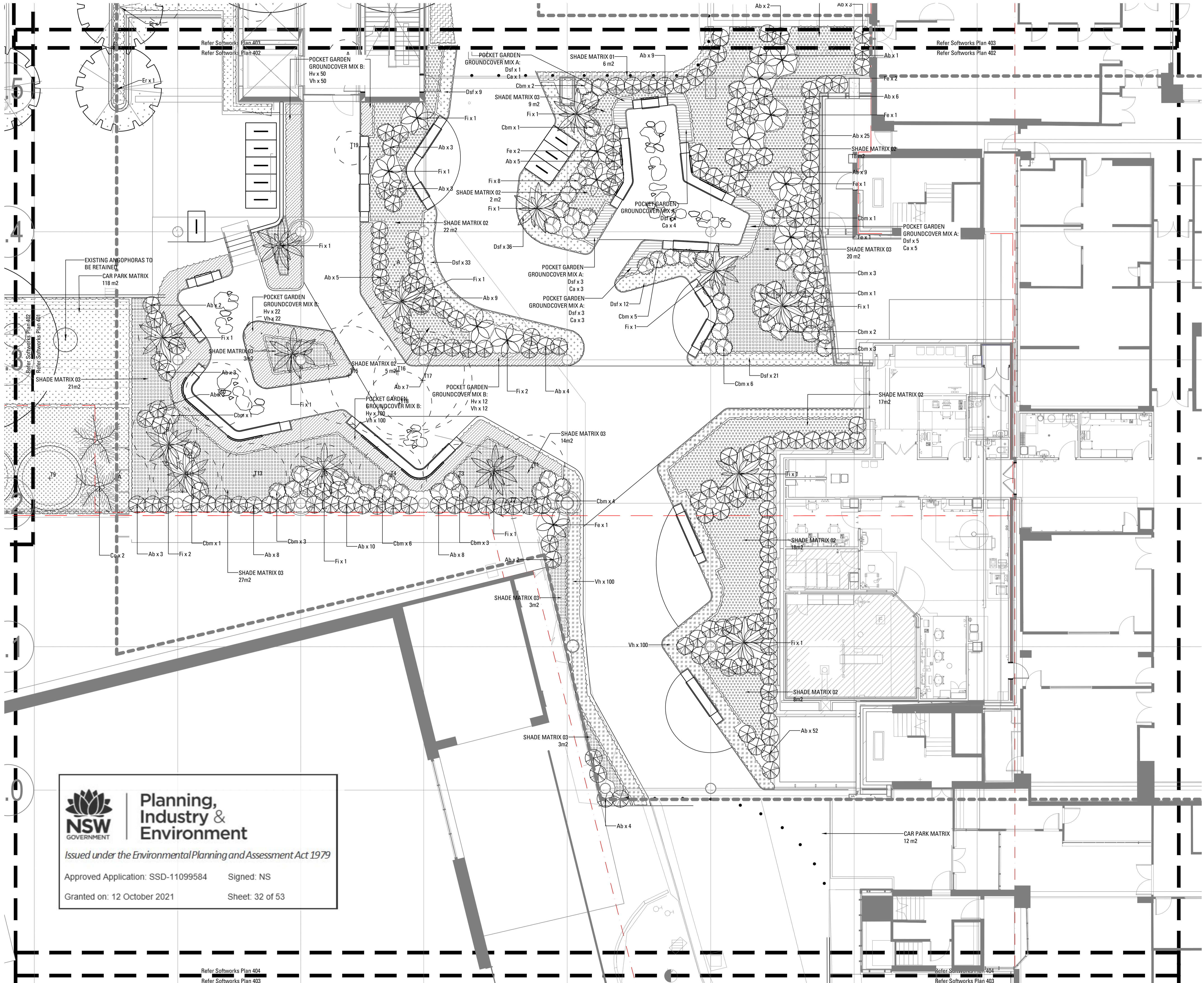
Job No. 20-693

Issue 1

Scale 1:100 @ A1

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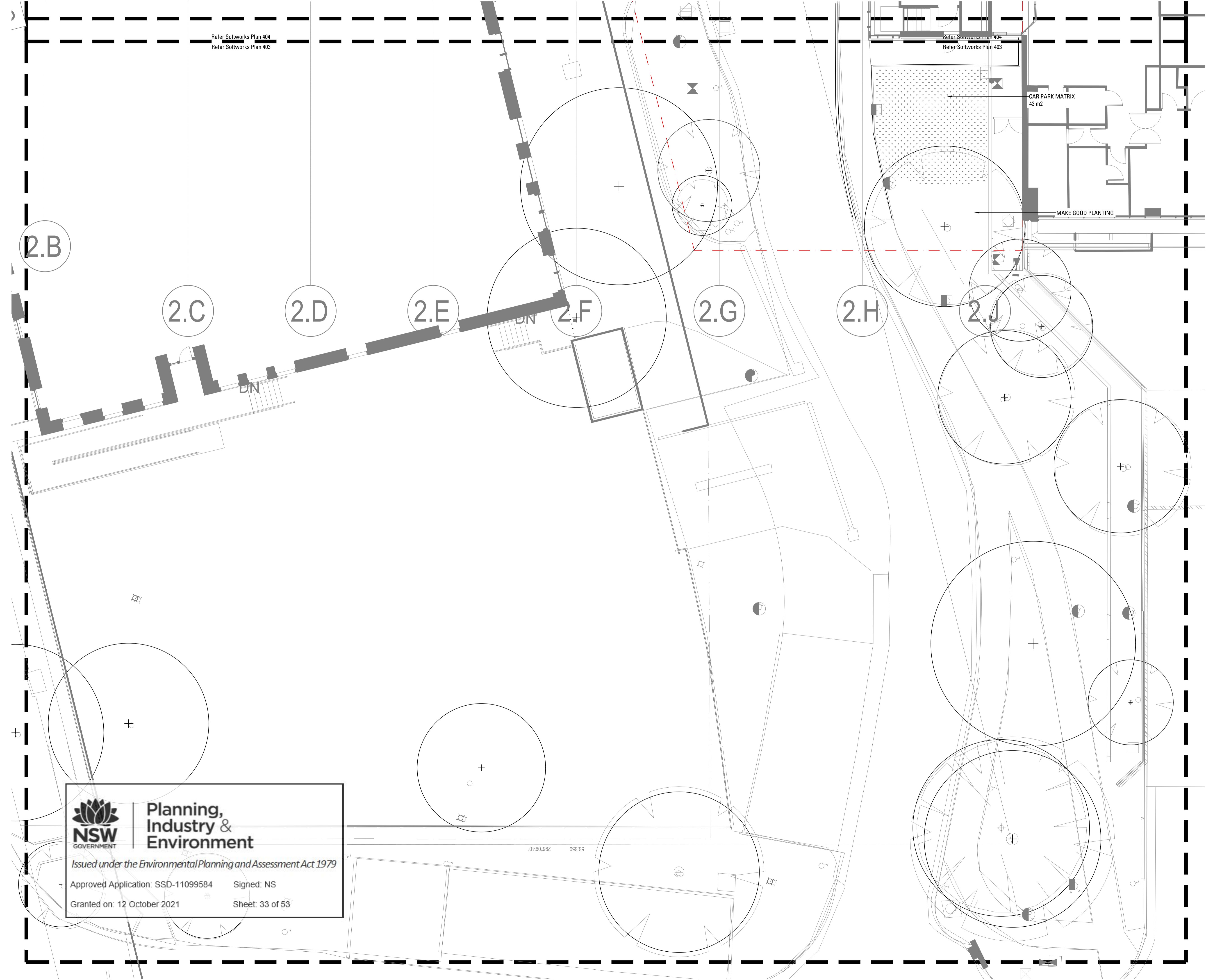
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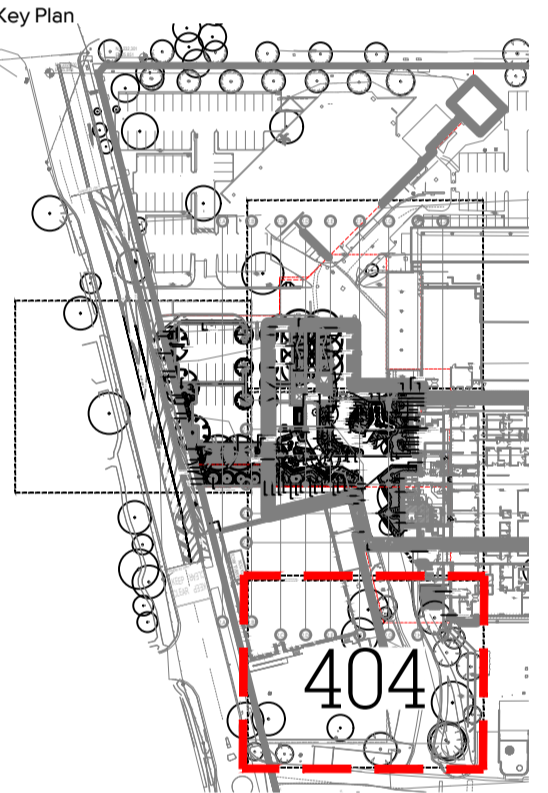
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Refer Softworks Plan 403

Refer Softworks Plan 404
Refer Softworks Plan 403



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- TURF
Refer Landscape Specification

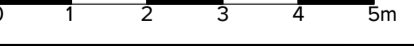


1	70% TENDER	SE	CT	23.02.21
Issue	Revision	Description	Drawn	Check Date
Not for Construction				

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender

Client
 

Drawing No. Drawing Name
L-404 Softworks Plan

Job No. 20-693
Issue 1
Scale 1:100 @ A1


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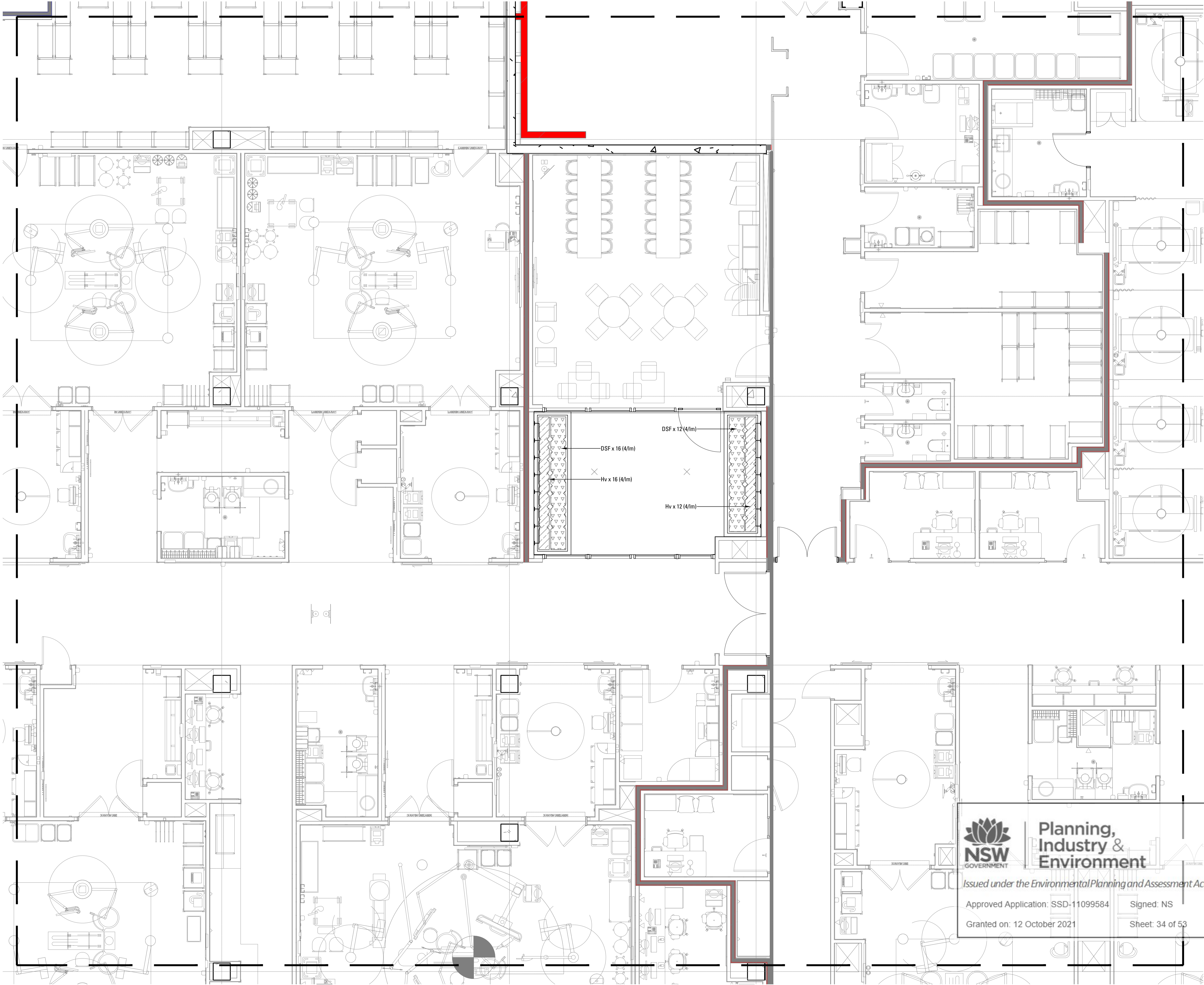
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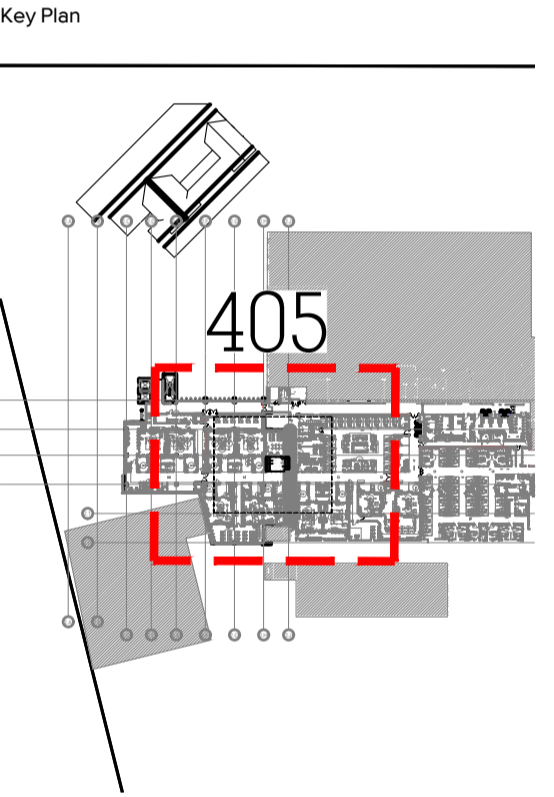
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- EXISTING TREES TO BE RETAINED
Refer Landscape Specification
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Refer Landscape Specification
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Refer Landscape Specification
- SHADE MATRIX 01
Refer Landscape Specification
- SHADE MATRIX 02
Refer Landscape Specification
- SHADE MATRIX 03
Refer Landscape Specification
- TURF
Refer Landscape Specification



1	70% TENDER	SE	CT	23.02.21
Issue	Revision Description	Drawn	Check	Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender



Drawing No. Drawing Name
L-405 Softworks Plan

Job No. 20-693
Issue 1
Scale 1:50 @ A1
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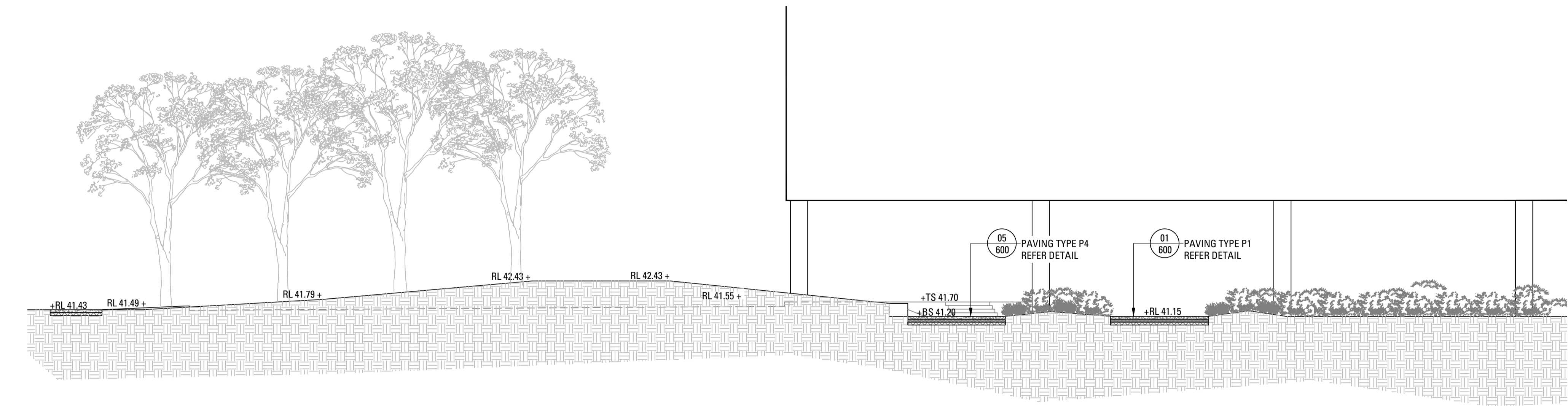


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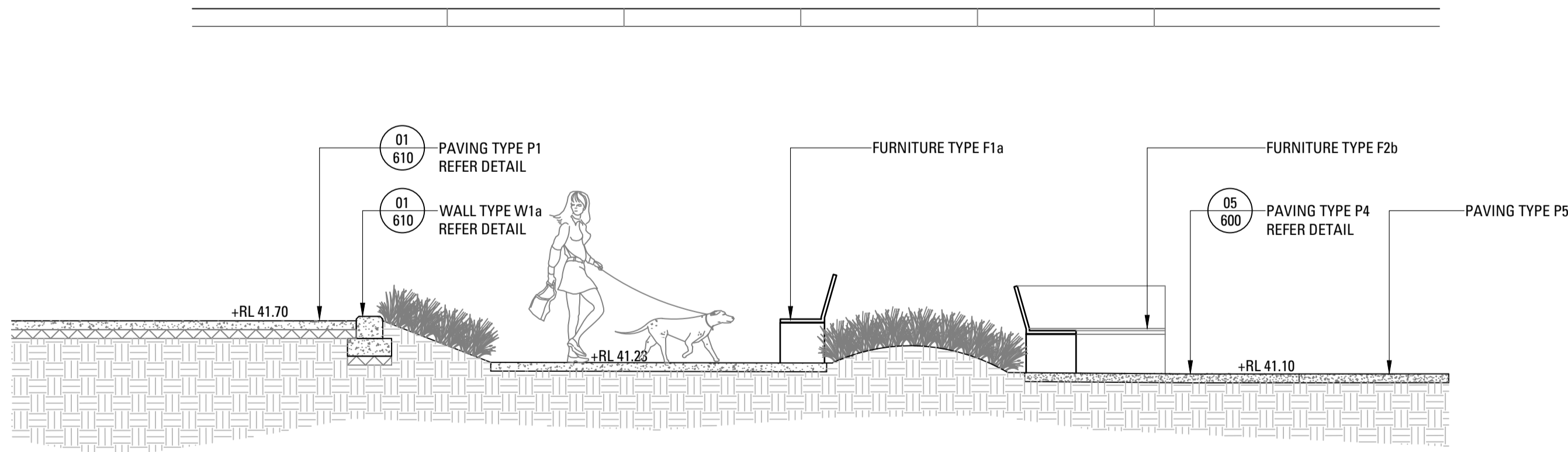
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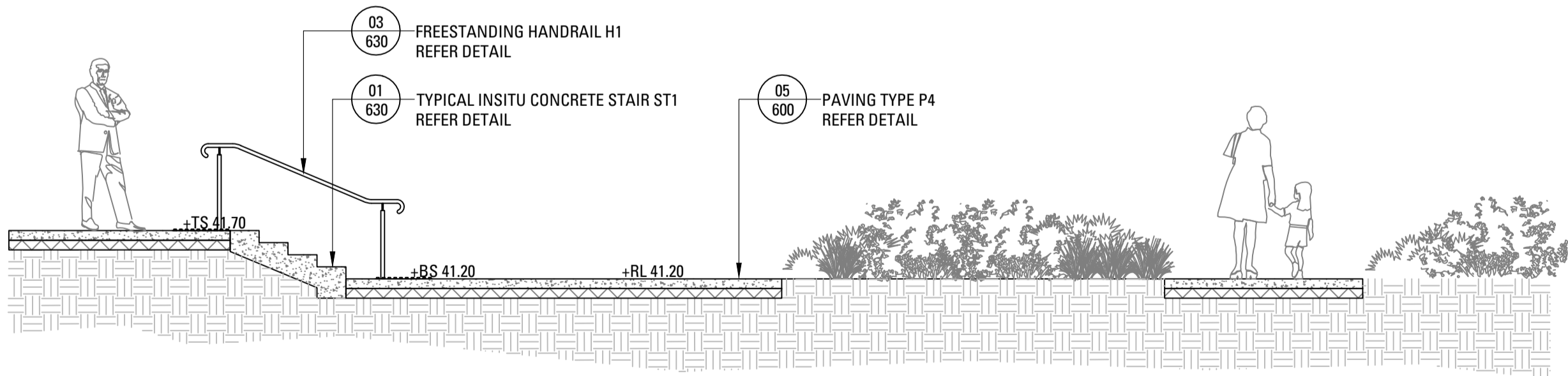
Granted on: 12 October 2021
Sheet: 34 of 53



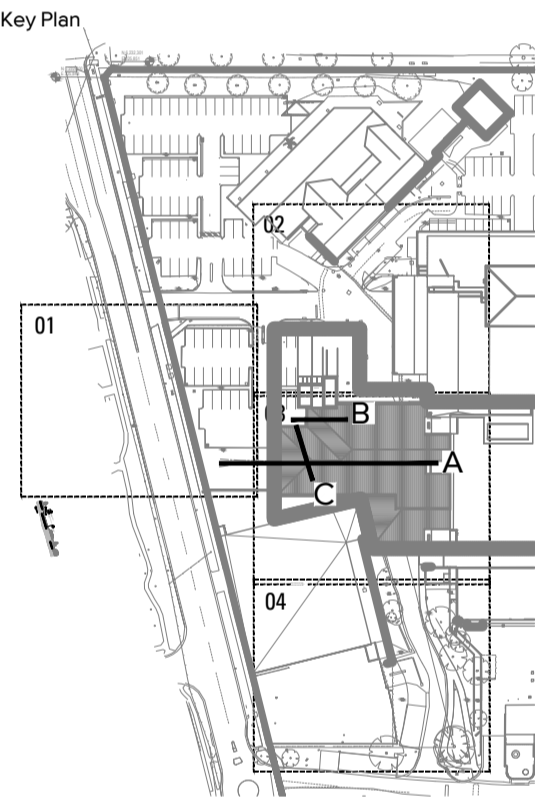
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501 Scale 1:100



02 SECTION BB
501 SCALE 1:50



03 SECTION CC
501 SCALE 1:50



1	70% TENDER	SE	CT	23.02.21
Issue	Revision	Description	Drawn	Check Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender

Client



Drawing No.	Drawing Name
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L-501 Section 01

Job No.	20-693
Issue	1
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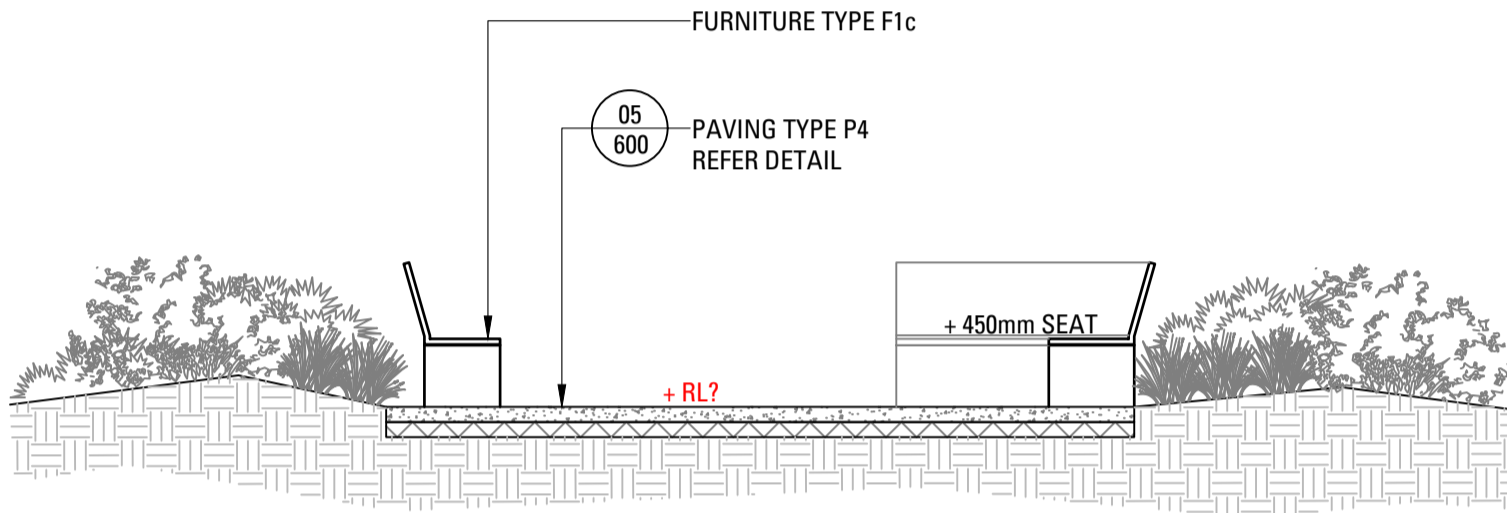


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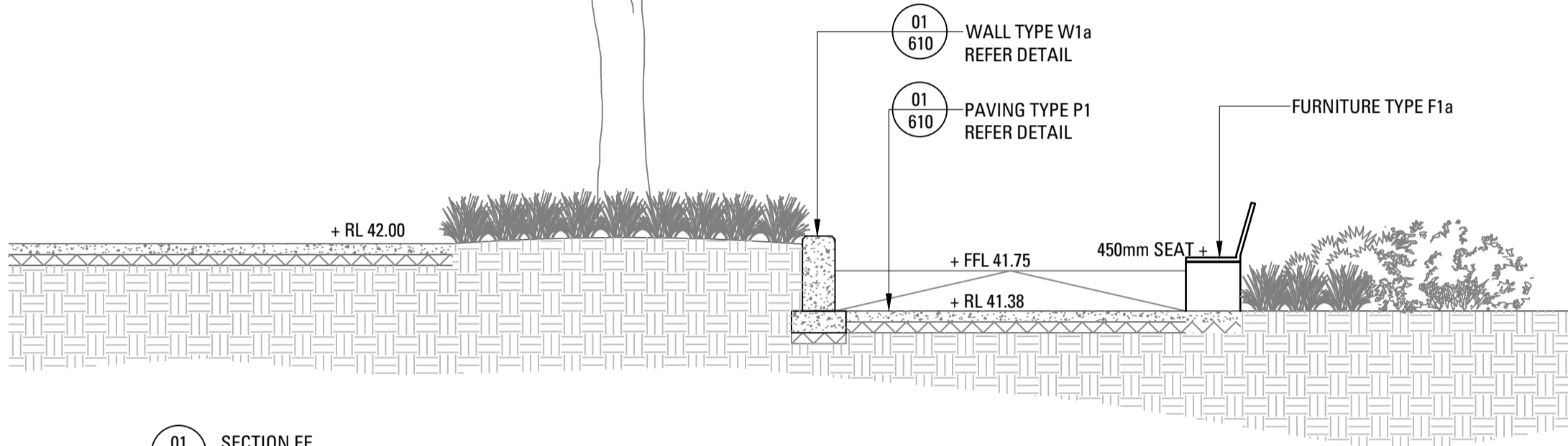
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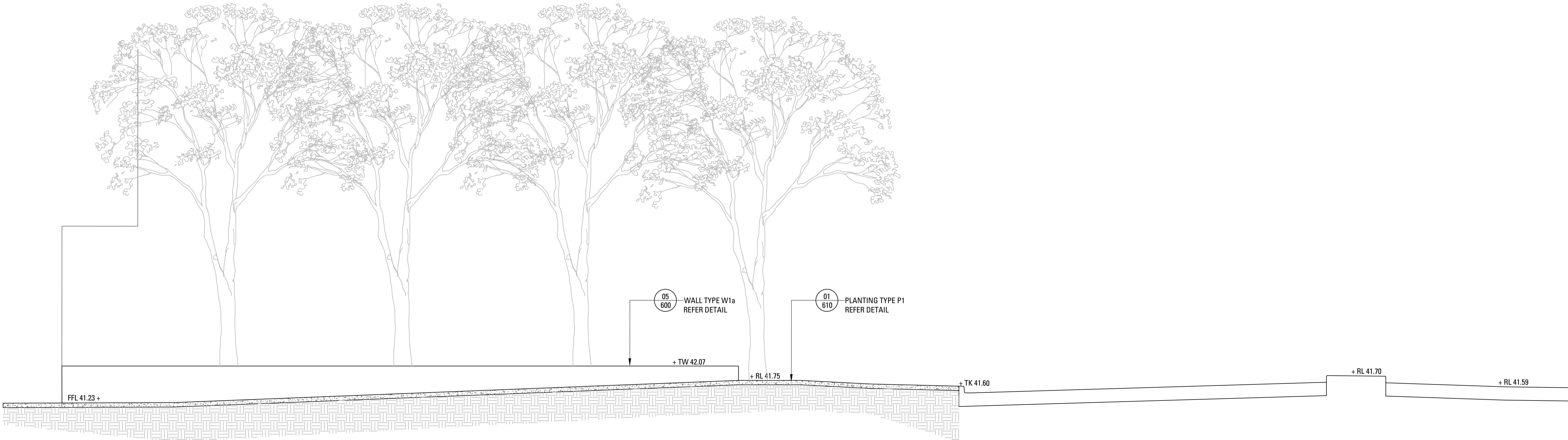
Granted on: 12 October 2021 Sheet: 36 of 53



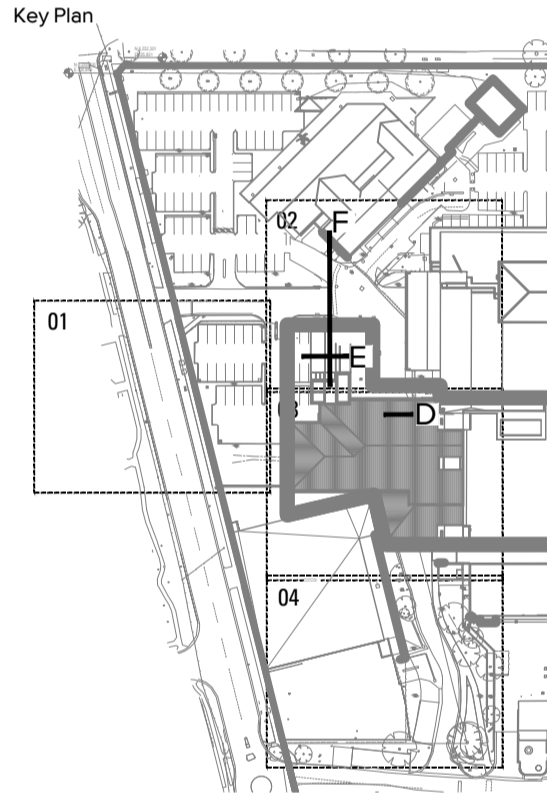
01 SECTION DD
502 SCALE 1:50



01 SECTION EE
502 SCALE 1:50



03 SECTION FF
502 Scale 1:50



1	70% TENDER	SE	CT	23.02.21
Issue	Revision	Description	Drawn	Check Date

Not for Construction

Project
Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender

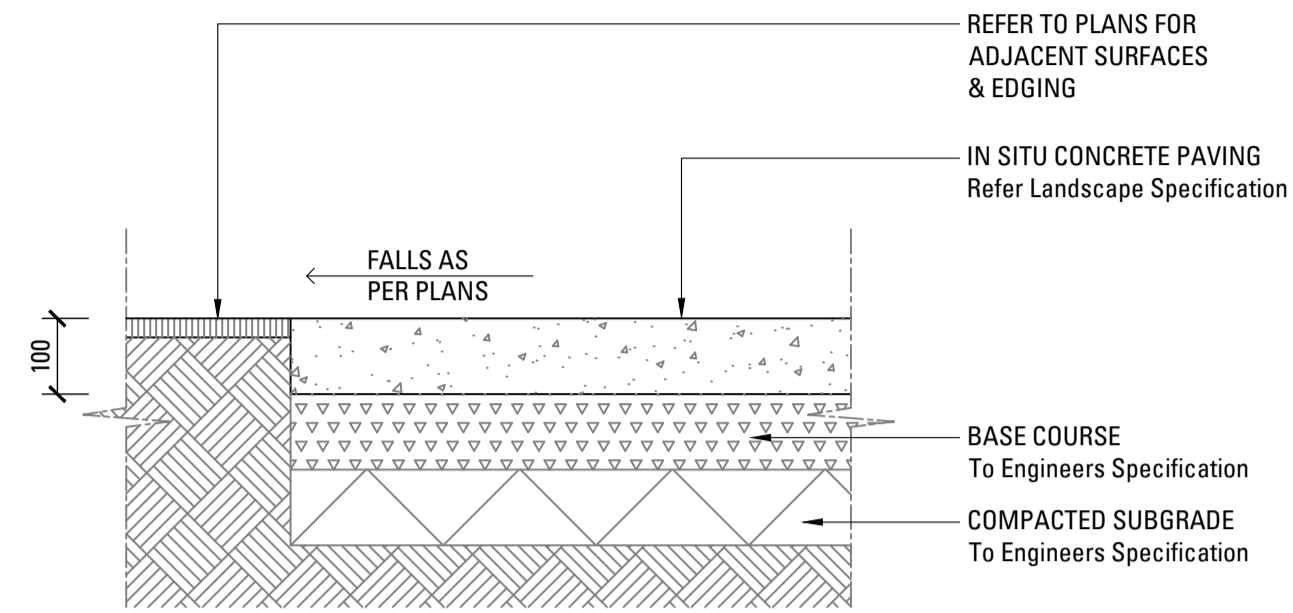


Drawing No. Drawing Name
L-502 Section 02

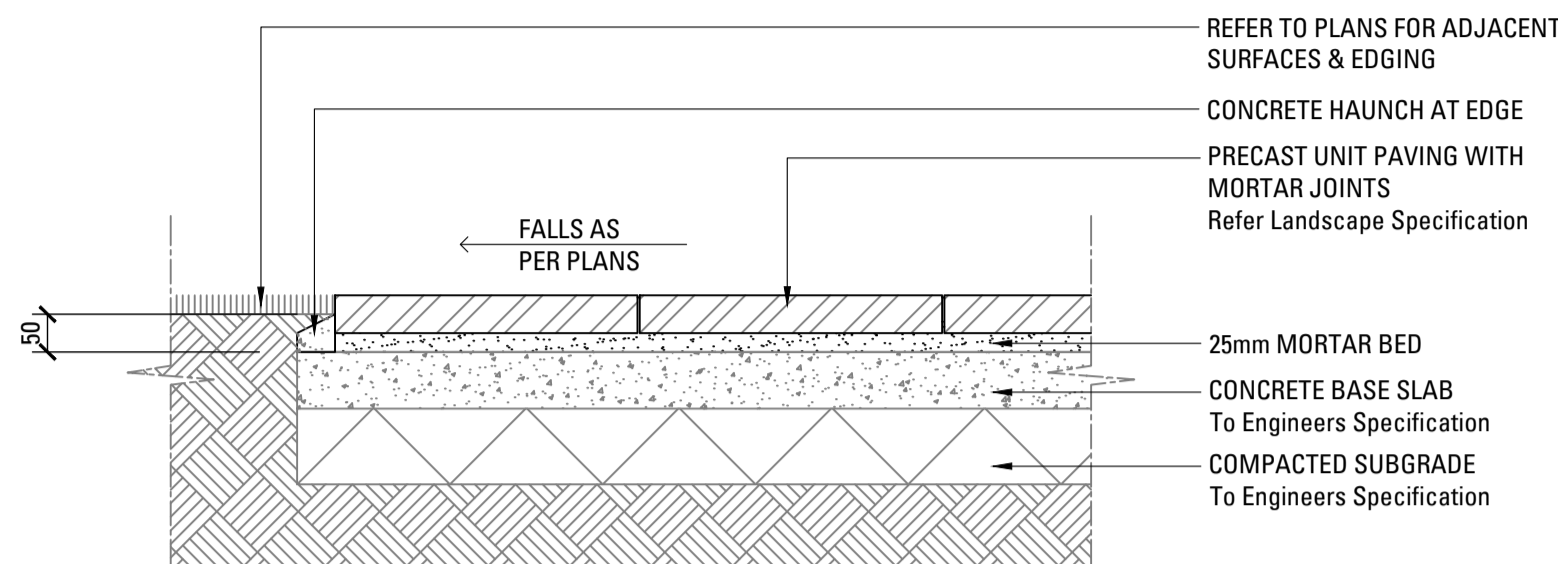
Job No. 20-693
Issue 1
Scale 1:100 @ A1
0 1 2 3 4 5m

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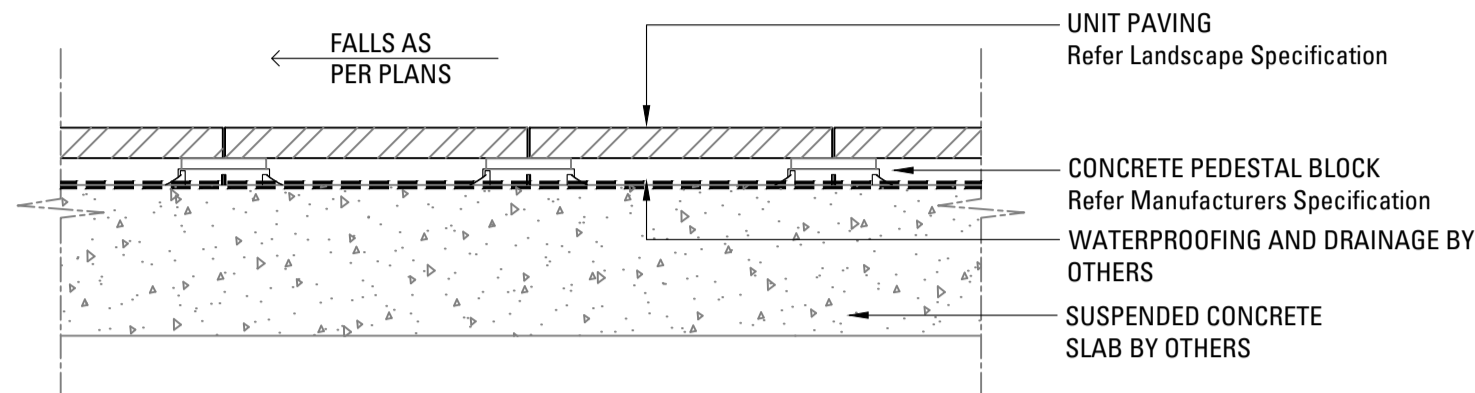
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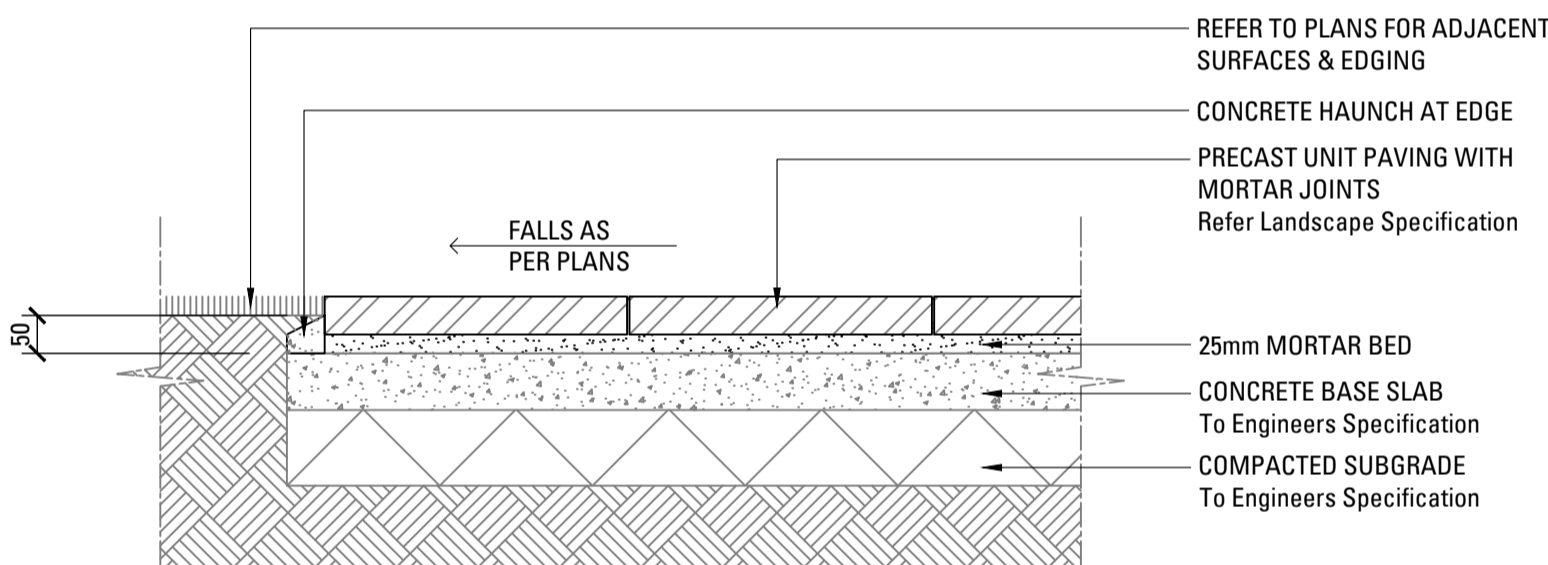
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600 PAVING TYPE P1 - INSITU CONCRETE PAVING
SCALE 1:10



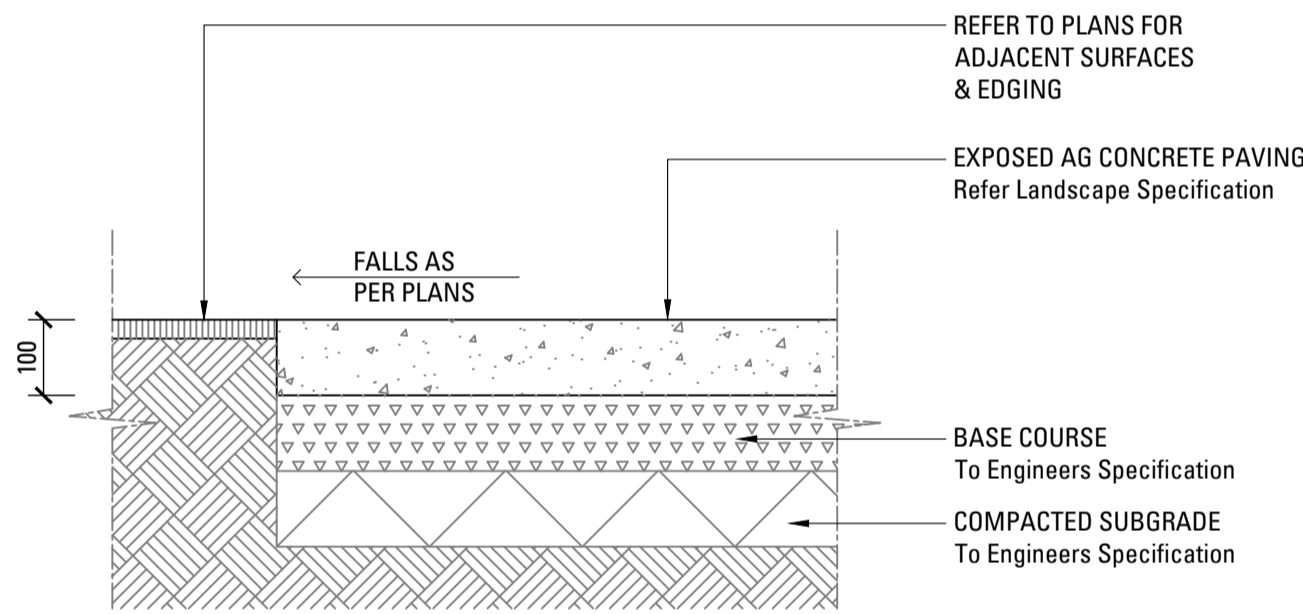
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600 PAVING TYPE P2a - UNIT PAVERS ON GRADE
SCALE 1:10



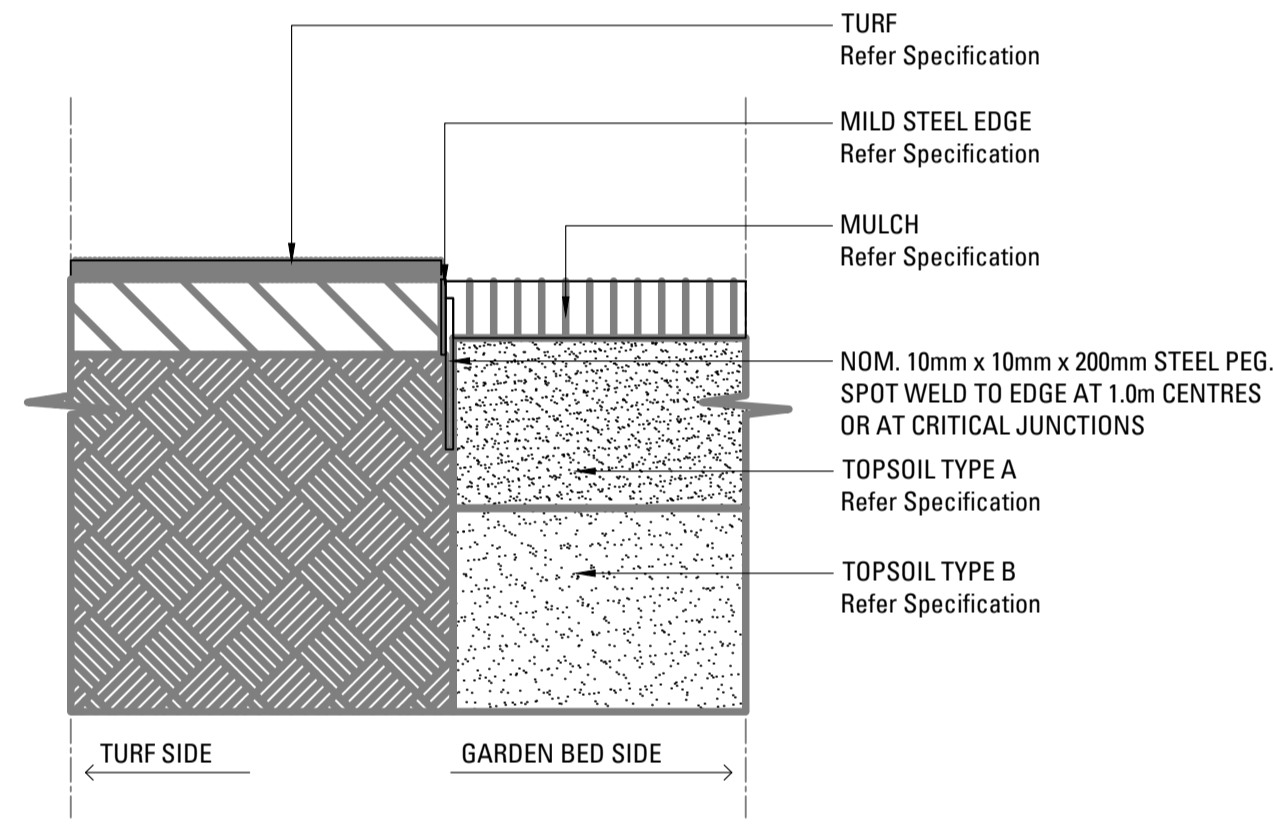
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600 PAVING TYPE P2b - UNIT PAVERS ON PEDESTALS
SCALE 1:10



04
600 PAVING TYPE P3 - FEATURE PAVERS ON GRADE
SCALE 1:10



05
600 PAVING TYPE P4 - EXPOSED AG PAVING
SCALE 1:10



06
600 EDGE TYPE SE - TYPICAL MILD STEEL EDGE
SCALE 1:10
NOTE: STEEL EDGING SE TO ALL UNIT PAVING

Key Plan

DRAFT

1	70% TENDER	SE	CT	23.02.21
Issue	Revision	Description	Drawn	Check Date

Not for Construction

Project

Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229

Tender

Client



Drawing No. Drawing Name

L-600 Paving Details

Job No. 20-693
Issue 1
Scale AS SHOWN

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E brisbane@arcadiala.com.au T 07 3071 8000

ARCADIA

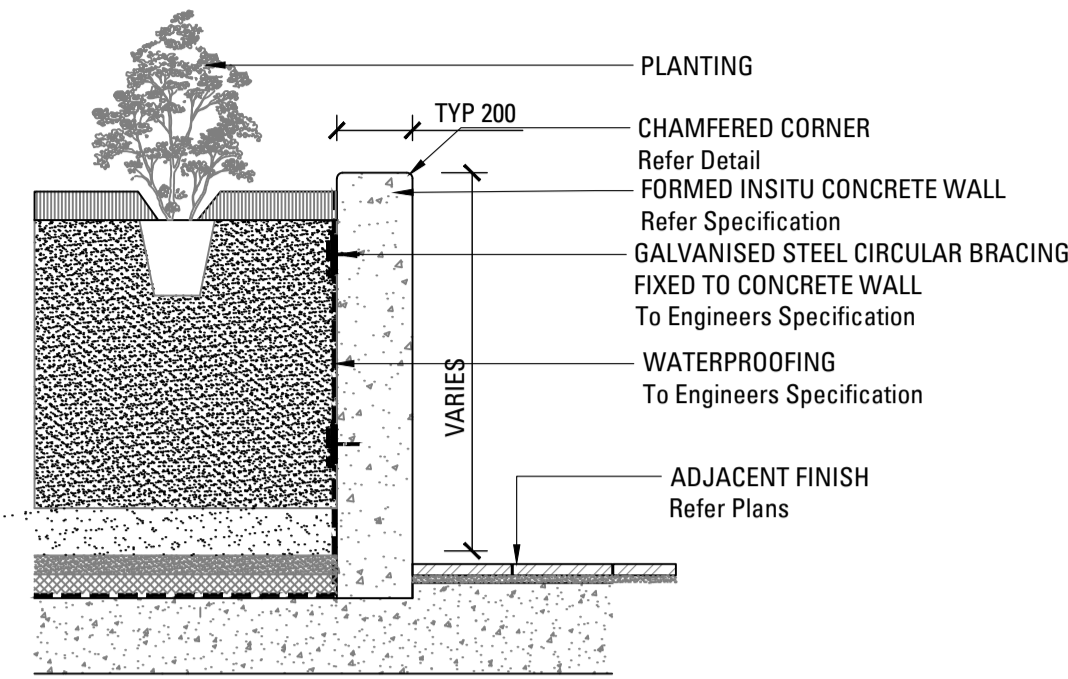


Planning,
Industry &
Environment

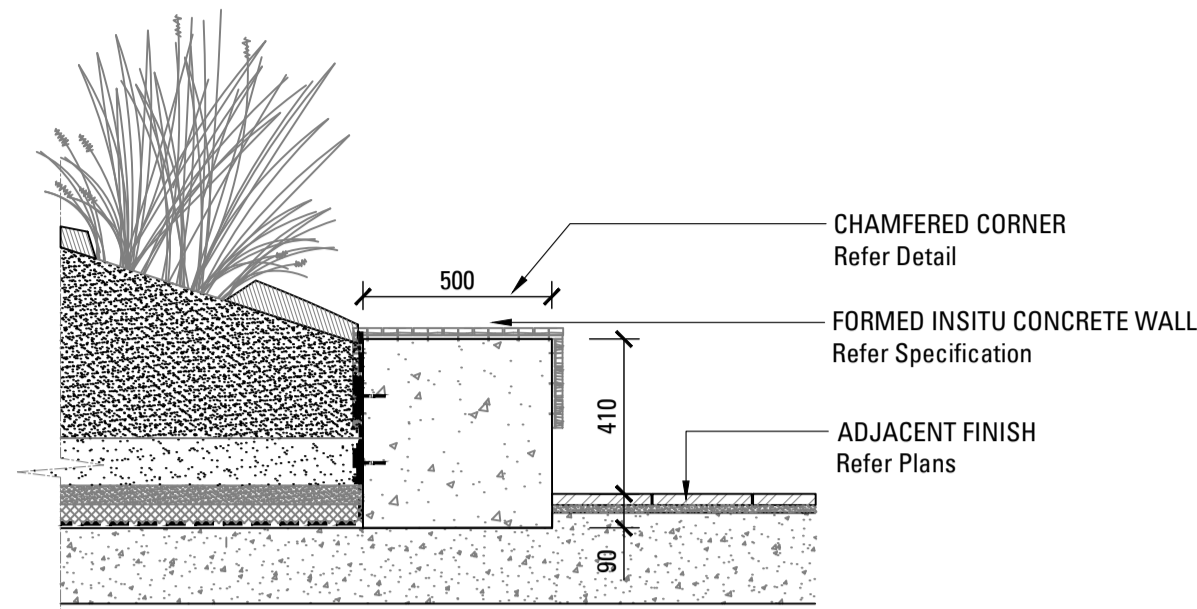
Issued under the Environmental Planning and Assessment Act 1979

Approved Application: SSD-11099584 Signed: NS

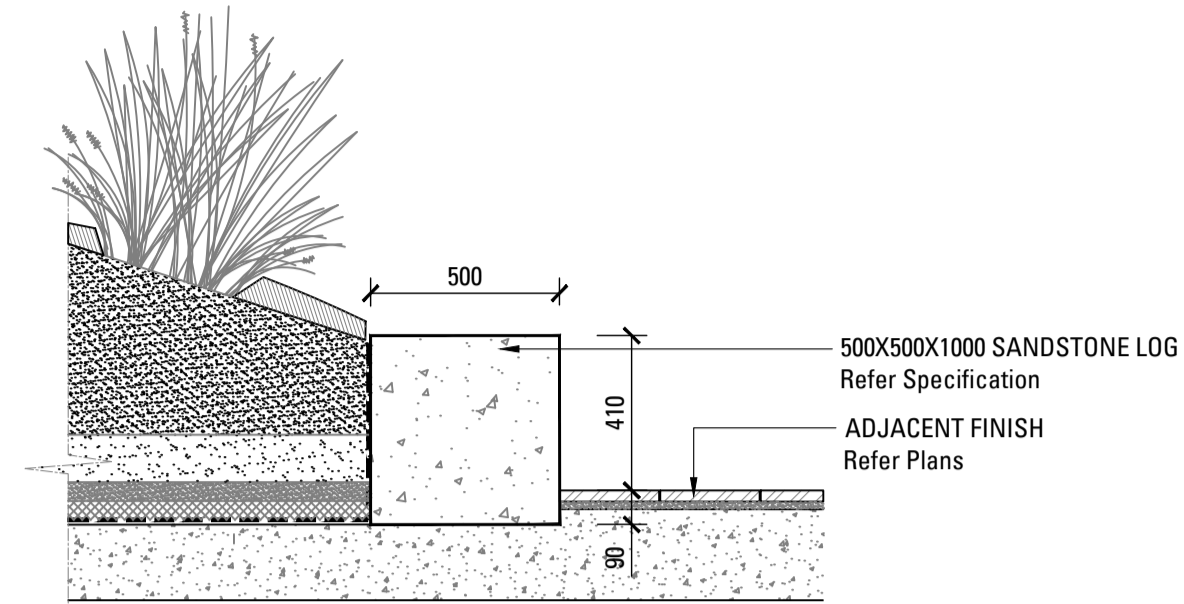
Granted on: 12 October 2021 Sheet: 37 of 53



01 W1a - FORMED INSITU CONCRETE RETAINING WALL
610 SCALE 1:20



02 W1b - FORMED INSITU CONCRETE WALL WITH SEAT
610 SCALE 1:20



03 W2 - SANDSTONE LOG WALL
610 SCALE 1:20

Key Plan

1	70% TENDER	SE	CT	23.02.21	
Issue	Revision	Description	Drawn	Check	Date

Not for Construction

Project

Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229

Tender

Client



Drawing No.	Drawing Name
-------------	--------------

L-610 Wall + Fence Details

Job No.	20-693
Issue	1
Scale	AS SHOWN

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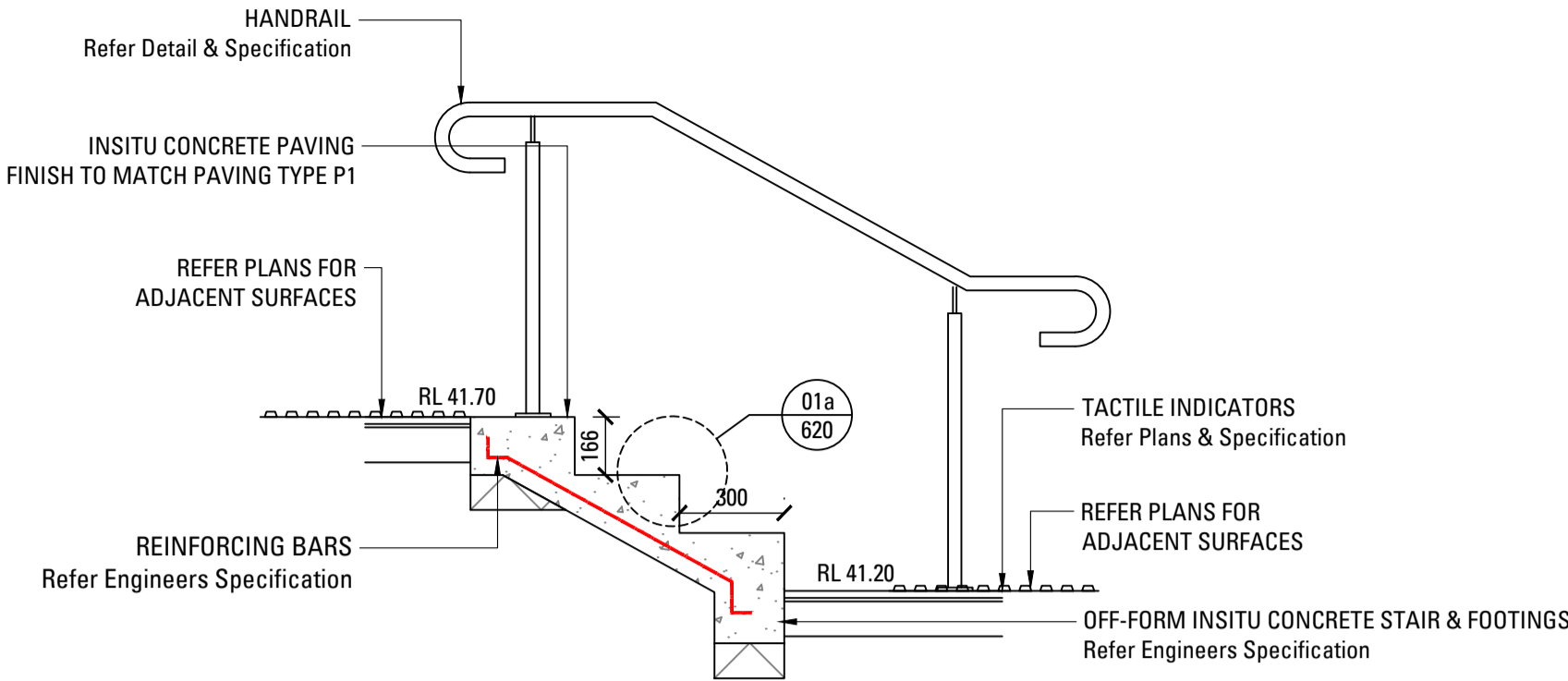


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Environment

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Approved Application: SSD-11099584 Signed: NS

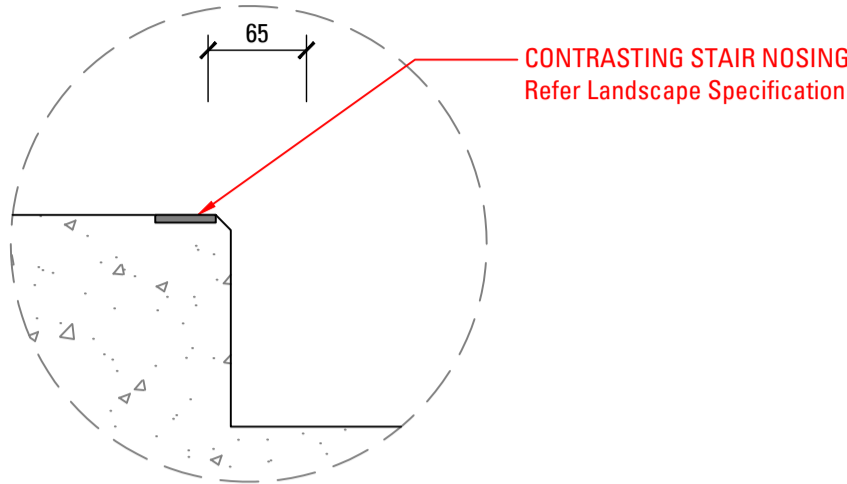
Granted on: 12 October 2021 Sheet: 38 of 53



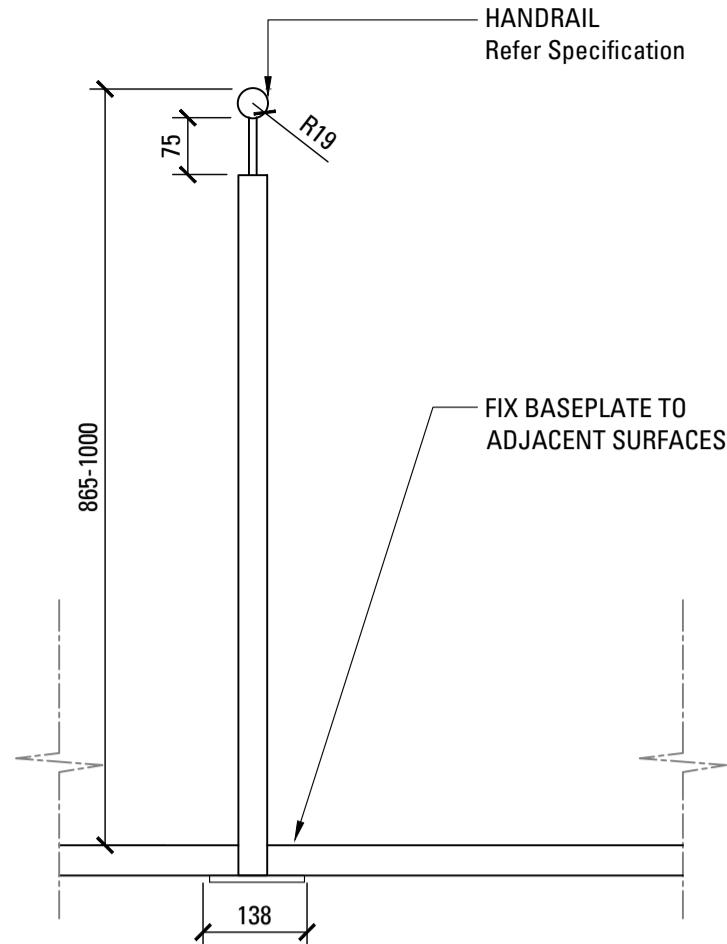
01
620 TYPICAL INSITU CONCRETE STAIRS - ST1
SCALE 1:20

GENERAL NOTES:
1. NOT MORE THAN 18 NOR LESS THAN 2 RISERS PER FLIGHT
2. GOINGS & RISERS CONSTANT THROUGHOUT IN ONE FLIGHT
3. RATIO OF GOING (G) TO RISER (R)
TO EQUAL $2R + G \geq 550\text{mm}$ & $\leq 700\text{mm}$.
4. TREADS TO HAVE A NON-SKID STRIP AT EDGE AS SPECIFIED.

SHOP DRAWINGS TO BE PROVIDED FOR REVIEW AND APPROVAL.



01a
620 STEP TYPE ST1 NOSING - TYPICAL DETAIL
SCALE 1:5



02
620 FREESTANDING HANDRAIL - POST ELEVATION - H1
SCALE 1:10

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Key Plan

1	70% TENDER	SE	CT	23.02.21
Issue	Revision	Description	Drawn	Check Date

Not for Construction

Project

Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229

Tender

Client



Drawing No. Drawing Name

L-620 Step + Handrail Details

Job No. 20-693
Issue 1
Scale AS SHOWN

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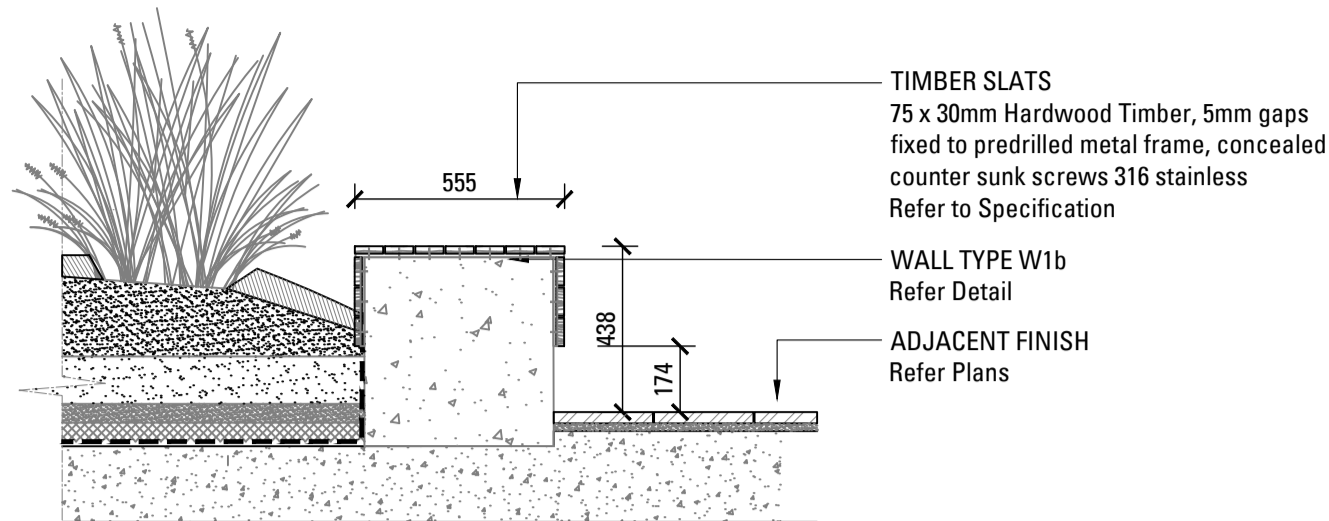


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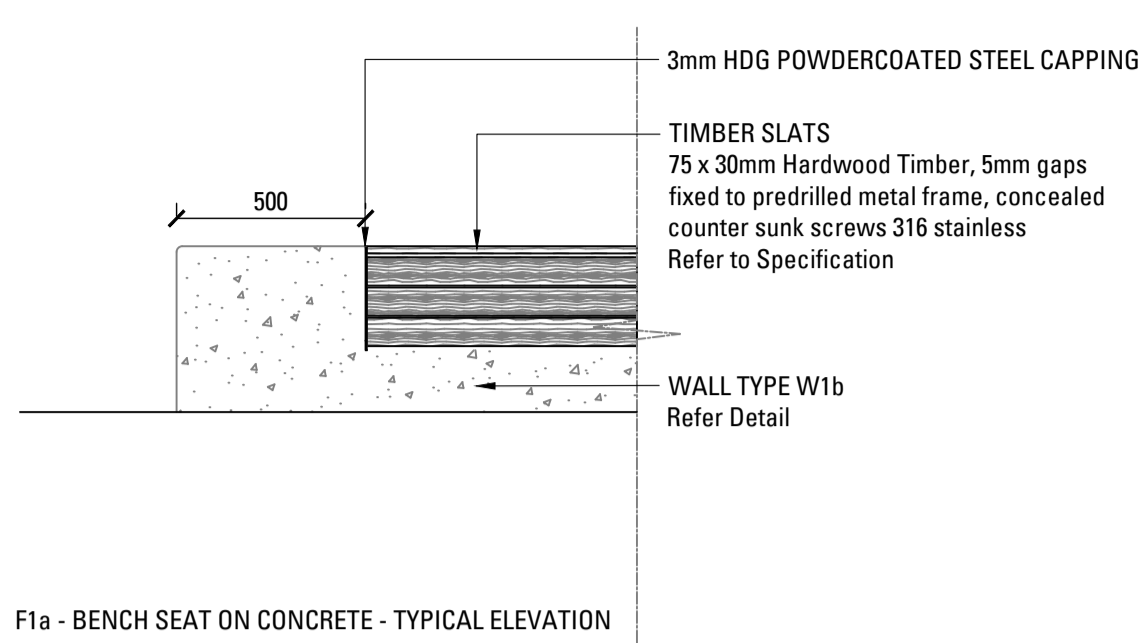
Approved Application: SSD-11099584 Signed: NS

Granted on: 12 October 2021 Sheet: 39 of 53



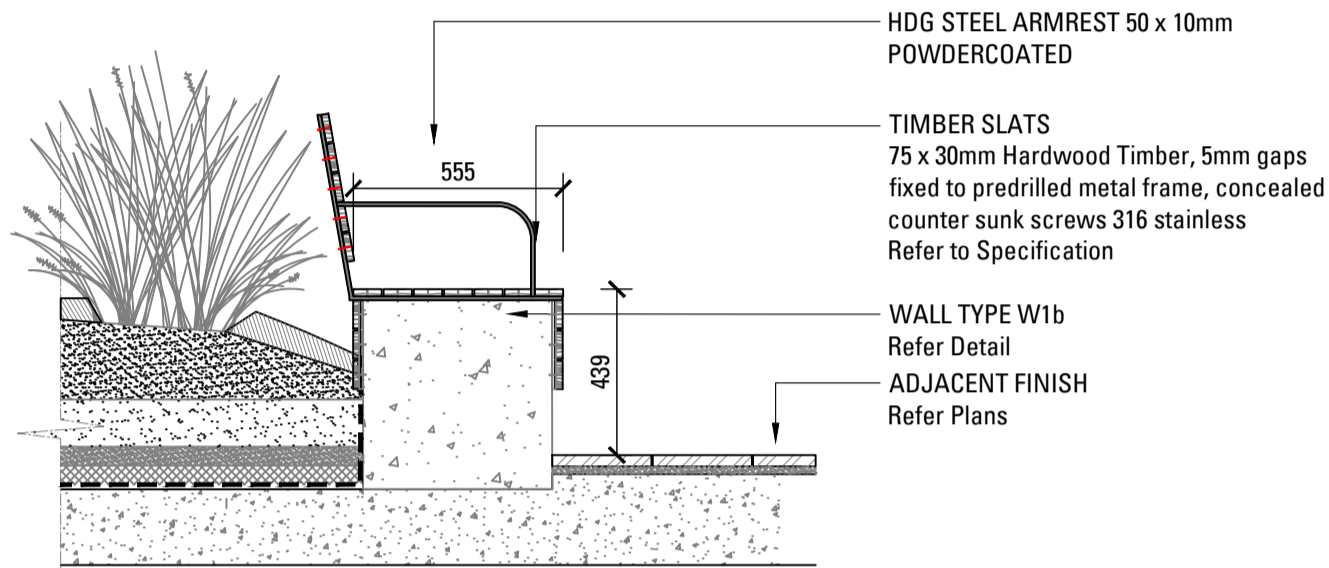
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630 F1a - BENCH SEAT ON CONCRETE - TYPICAL SECTION
SCALE 1:20

NOTE: SHOP DRAWINGS TO BE PROVIDED FOR APPROVAL



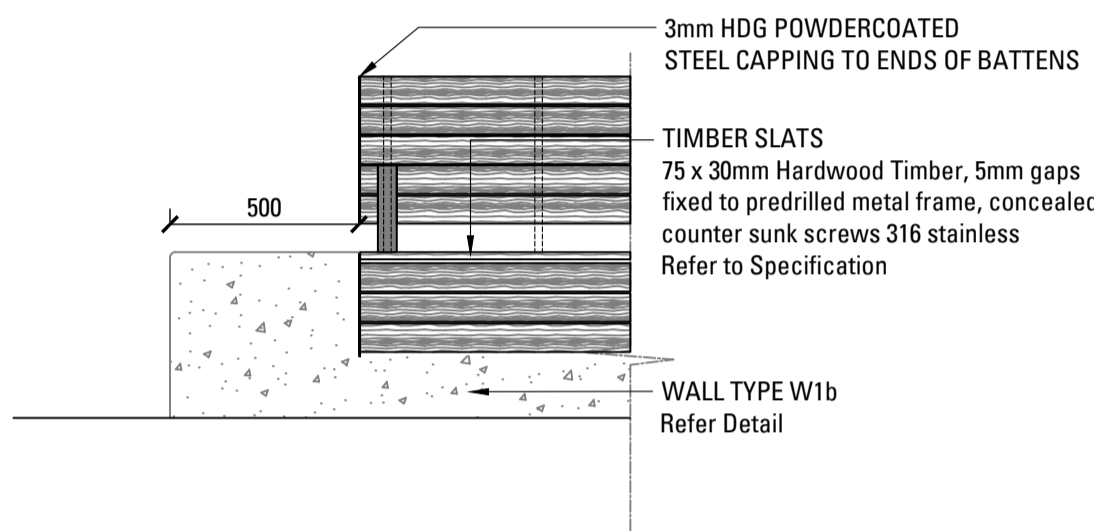
F1a - BENCH SEAT ON CONCRETE - TYPICAL ELEVATION

NOTE: SHOP DRAWINGS TO BE PROVIDED FOR APPROVAL



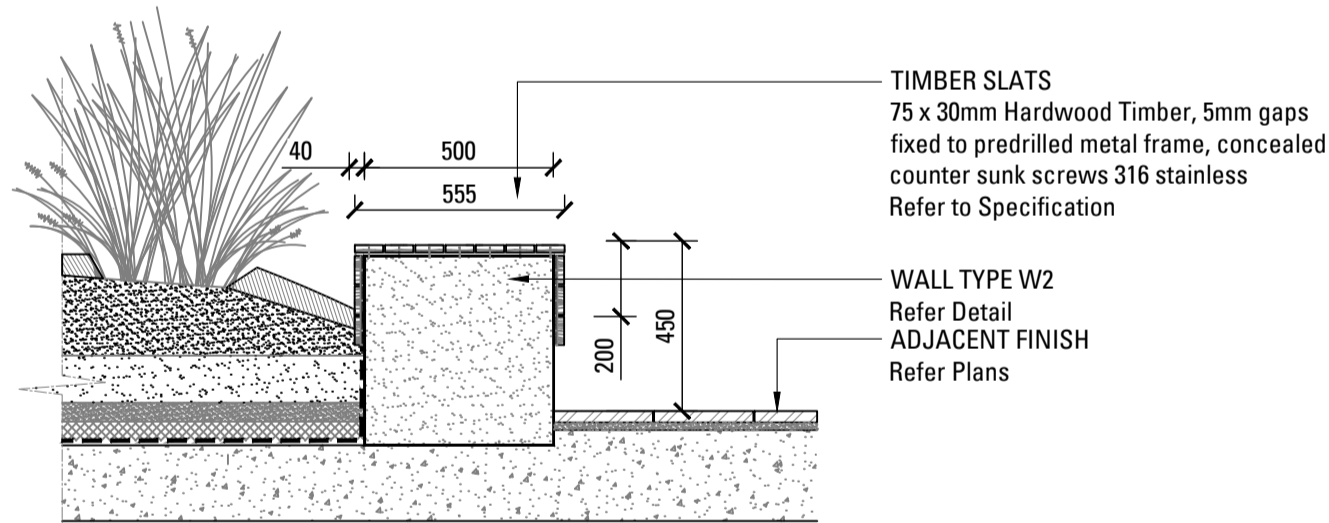
02
630 F1b - BENCH SEAT WITH BACKREST ON CONCRETE - TYPICAL SECTION
SCALE 1:20

NOTE: SHOP DRAWINGS TO BE PROVIDED FOR APPROVAL

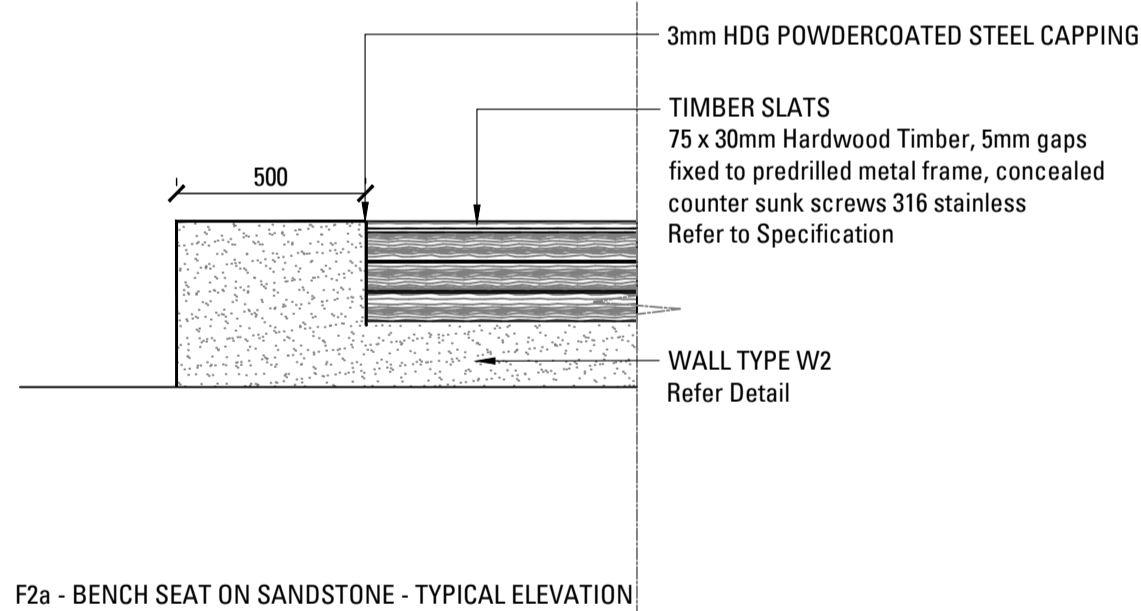


F1b - BENCH SEAT WITH BACKREST ON CONCRETE - TYPICAL ELEVATION

NOTE: SHOP DRAWINGS TO BE PROVIDED FOR APPROVAL

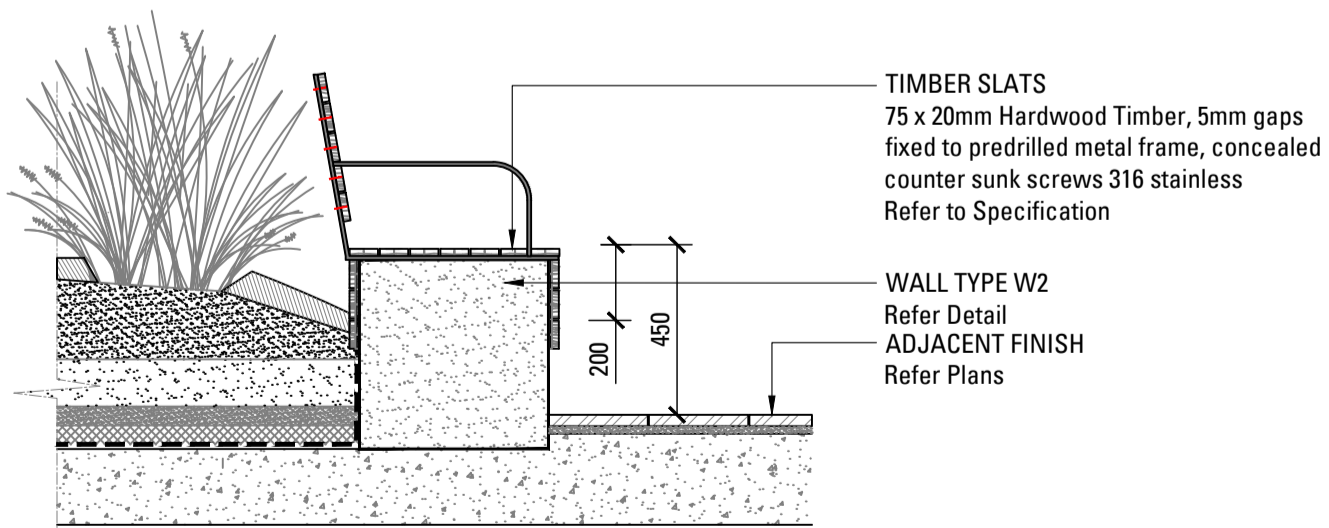


03
630 F2a - BENCH SEAT ON SANDSTONE - TYPICAL SECTION
SCALE 1:20

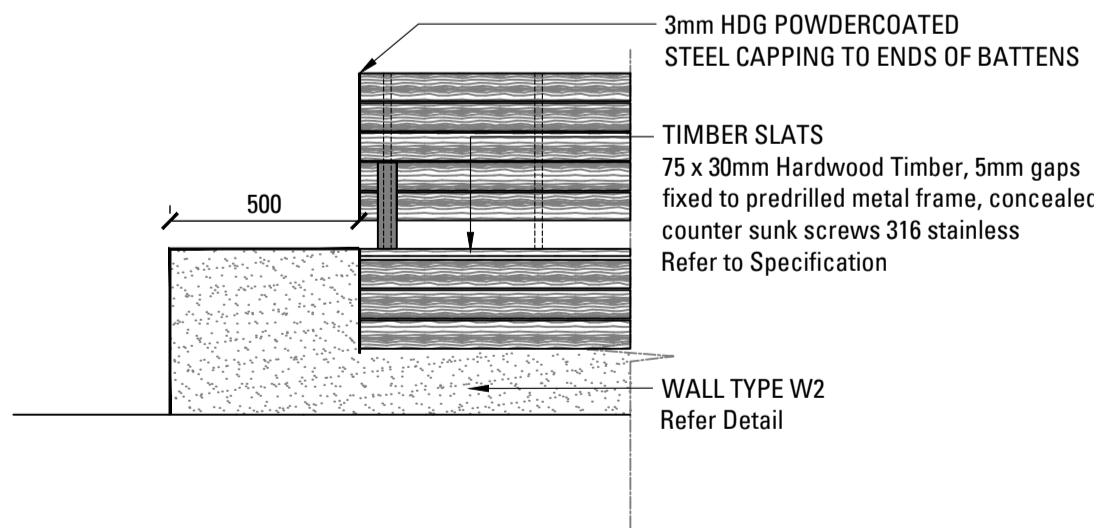


F2a - BENCH SEAT ON SANDSTONE - TYPICAL ELEVATION

NOTE: SHOP DRAWINGS TO BE PROVIDED FOR APPROVAL



04
630 F2b - BENCH SEAT WITH BACKREST ON SANDSTONE - TYPICAL SECTION
SCALE 1:20



F2b - BENCH SEAT WITH BACKREST ON SANDSTONE - TYPICAL ELEVATION

NOTE: SHOP DRAWINGS TO BE PROVIDED FOR APPROVAL

Key Plan

1	70% TENDER	SE	CT	23.02.21
Issue	Revision	Description	Drawn	Check Date

Not for Construction

Project

Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender

Client



Drawing No. Drawing Name

L-630 Furniture

Job No. 20-693

Issue 1

Scale AS SHOWN

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Approved Application: SSD-11099584 Signed: NS

Granted on: 12 October 2021

Sheet: 42 of 53



Not for Construction

Project

Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229
Tender

Client



Drawing No.	Drawing Name
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L-631 Furniture

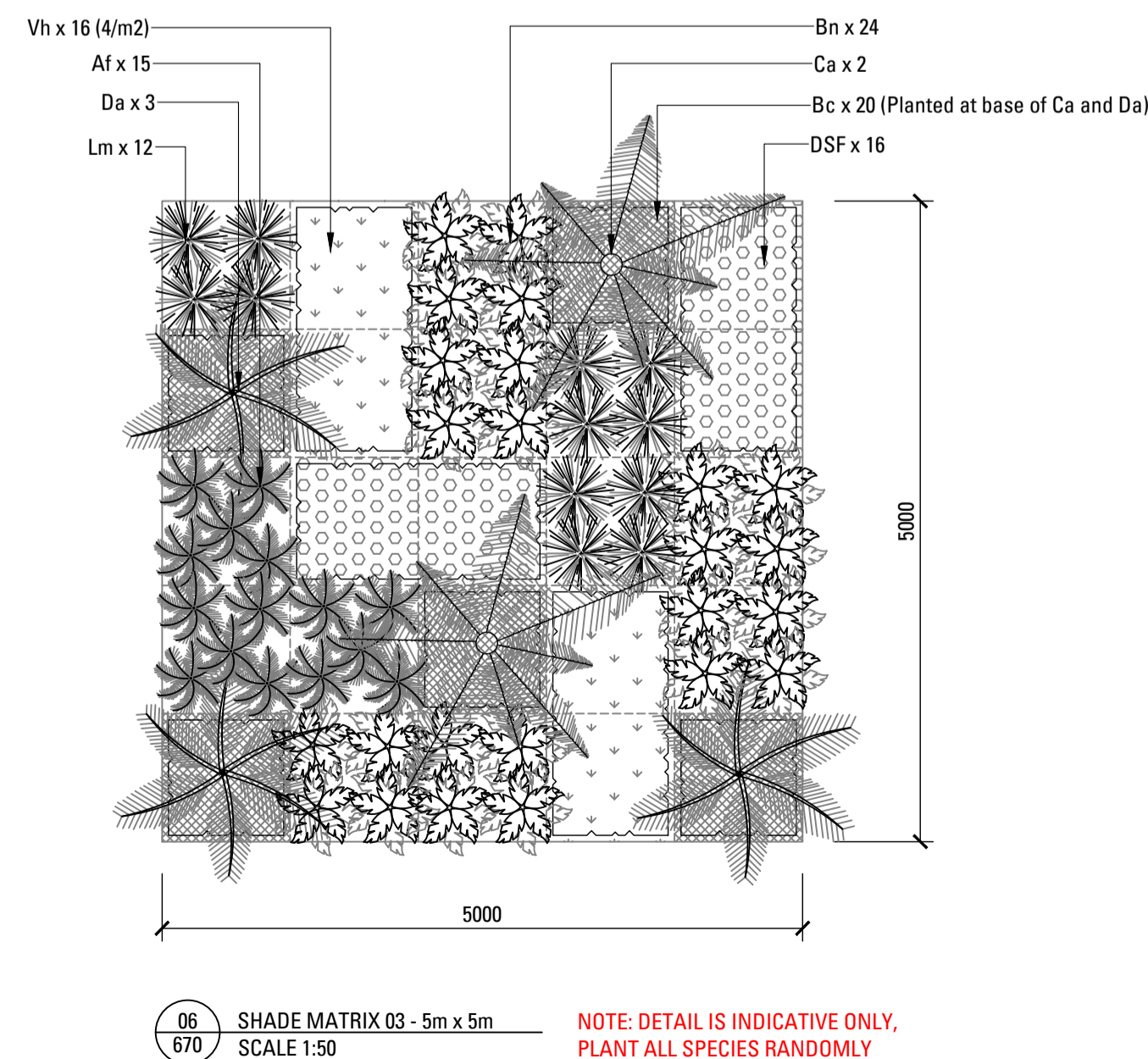
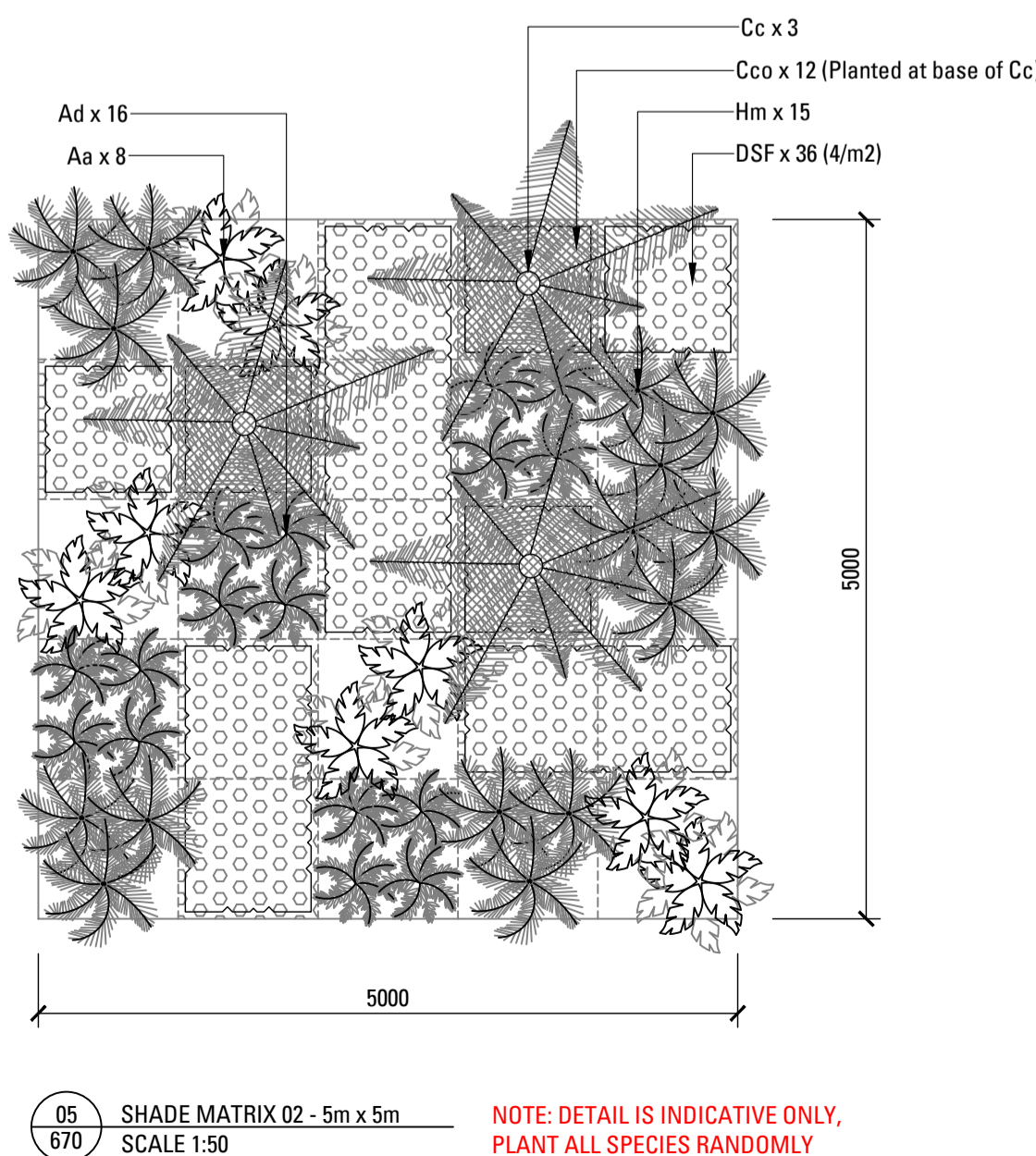
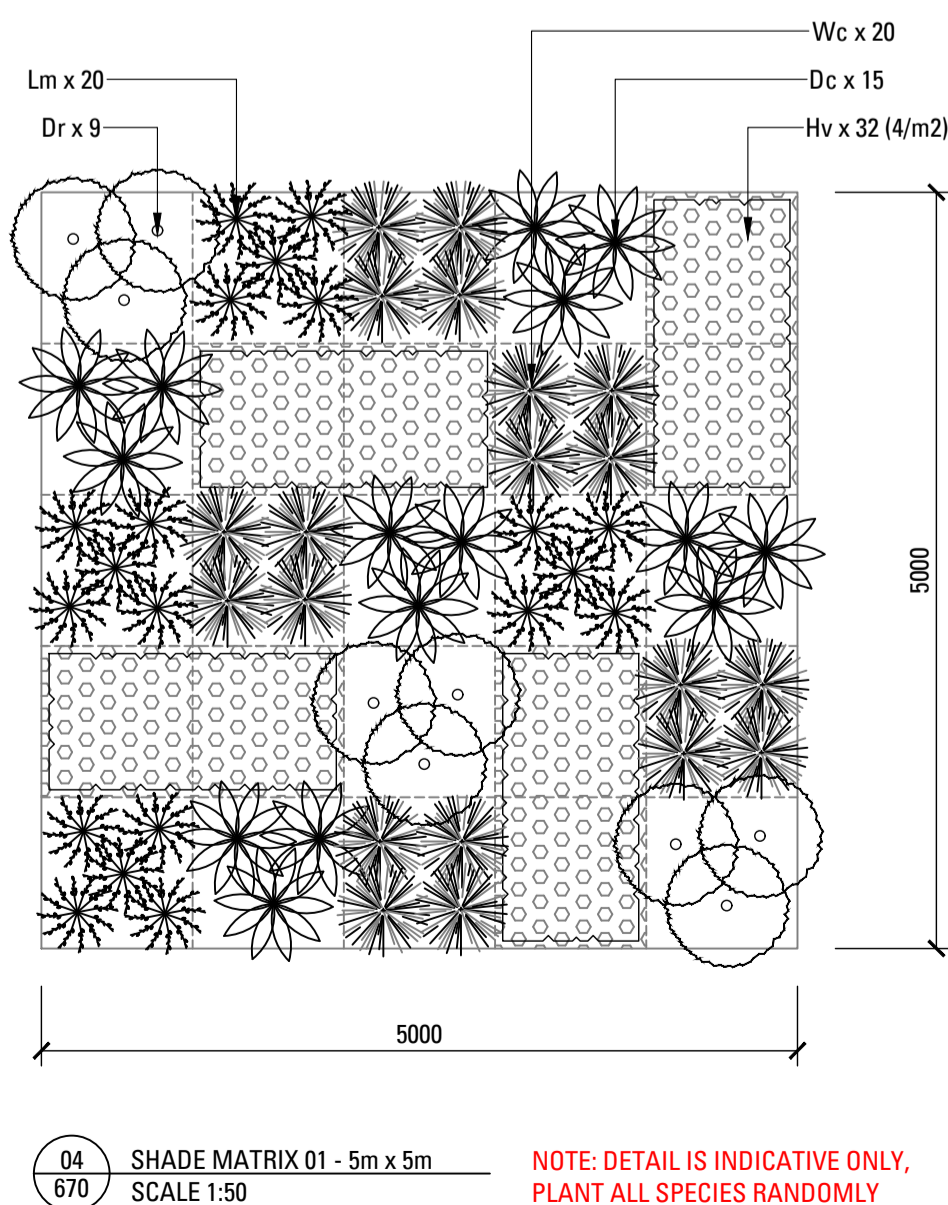
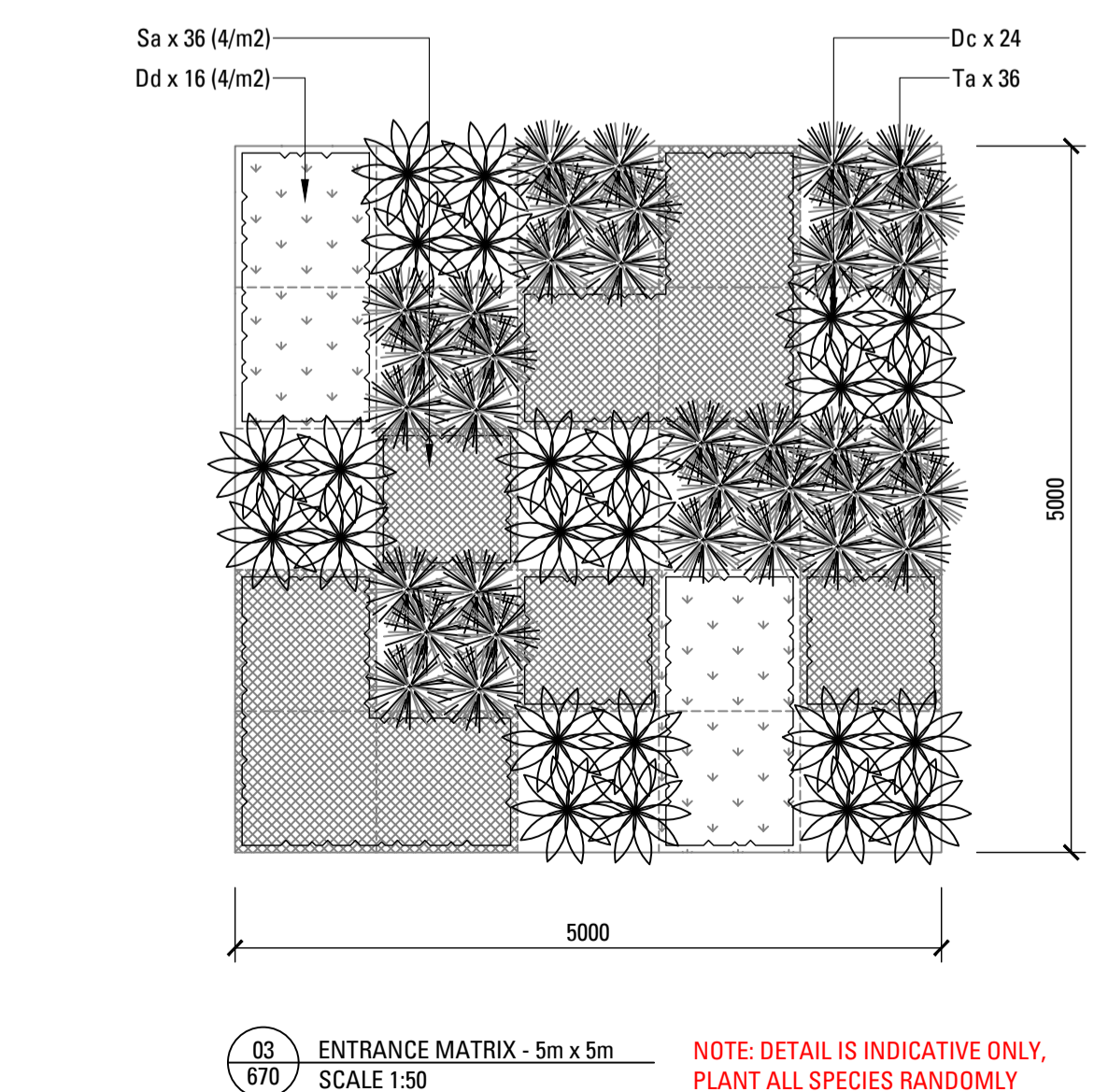
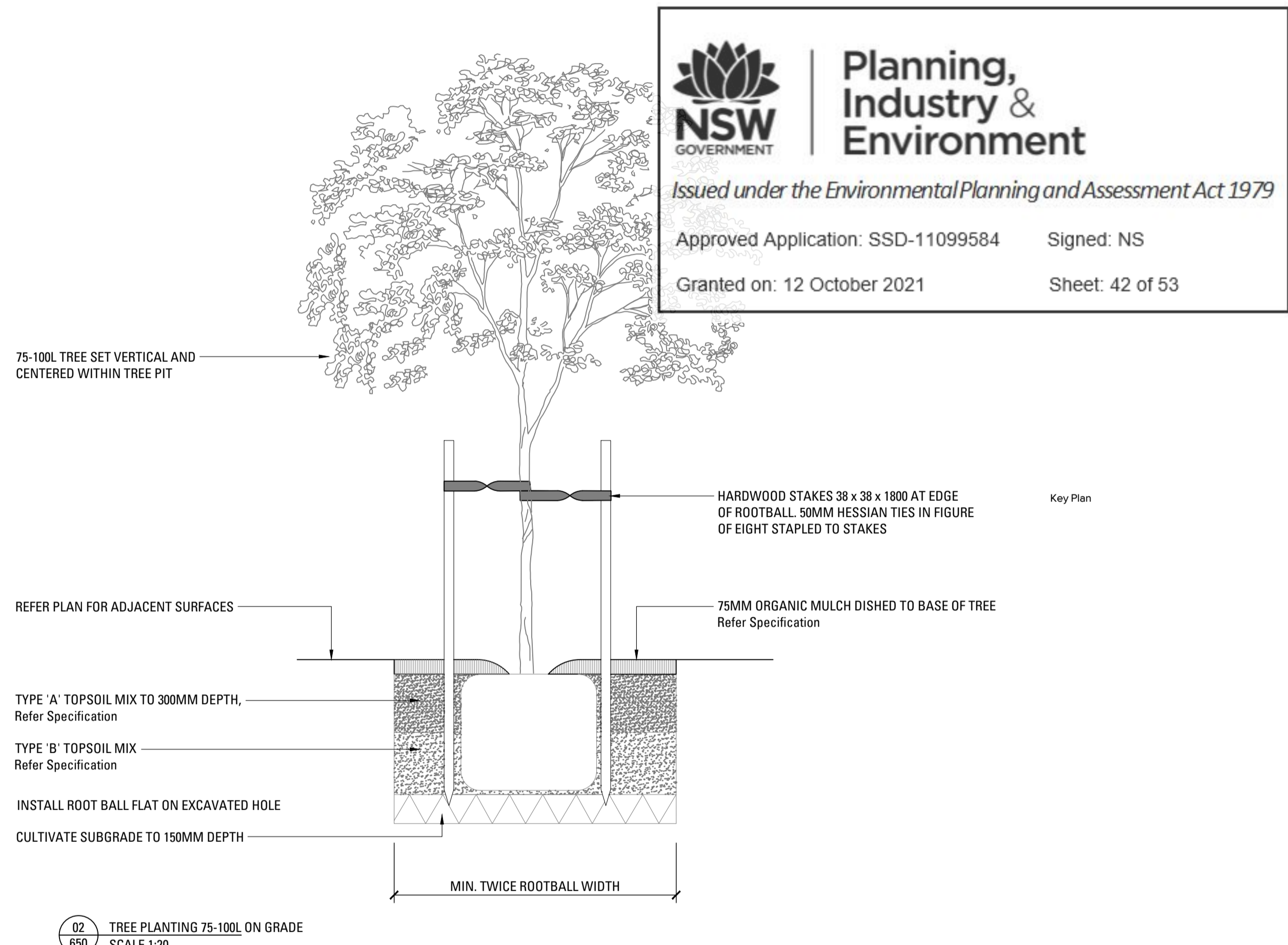
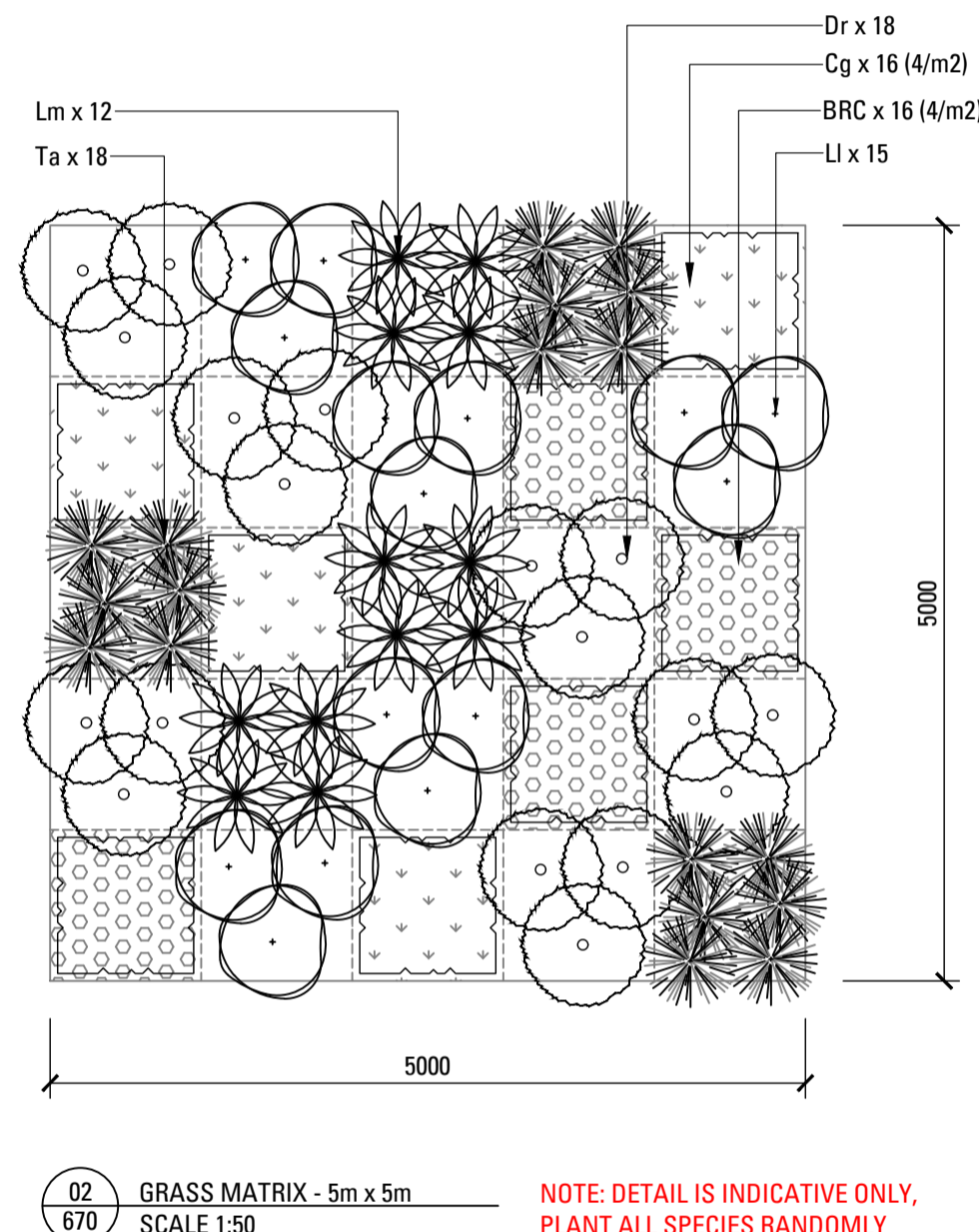
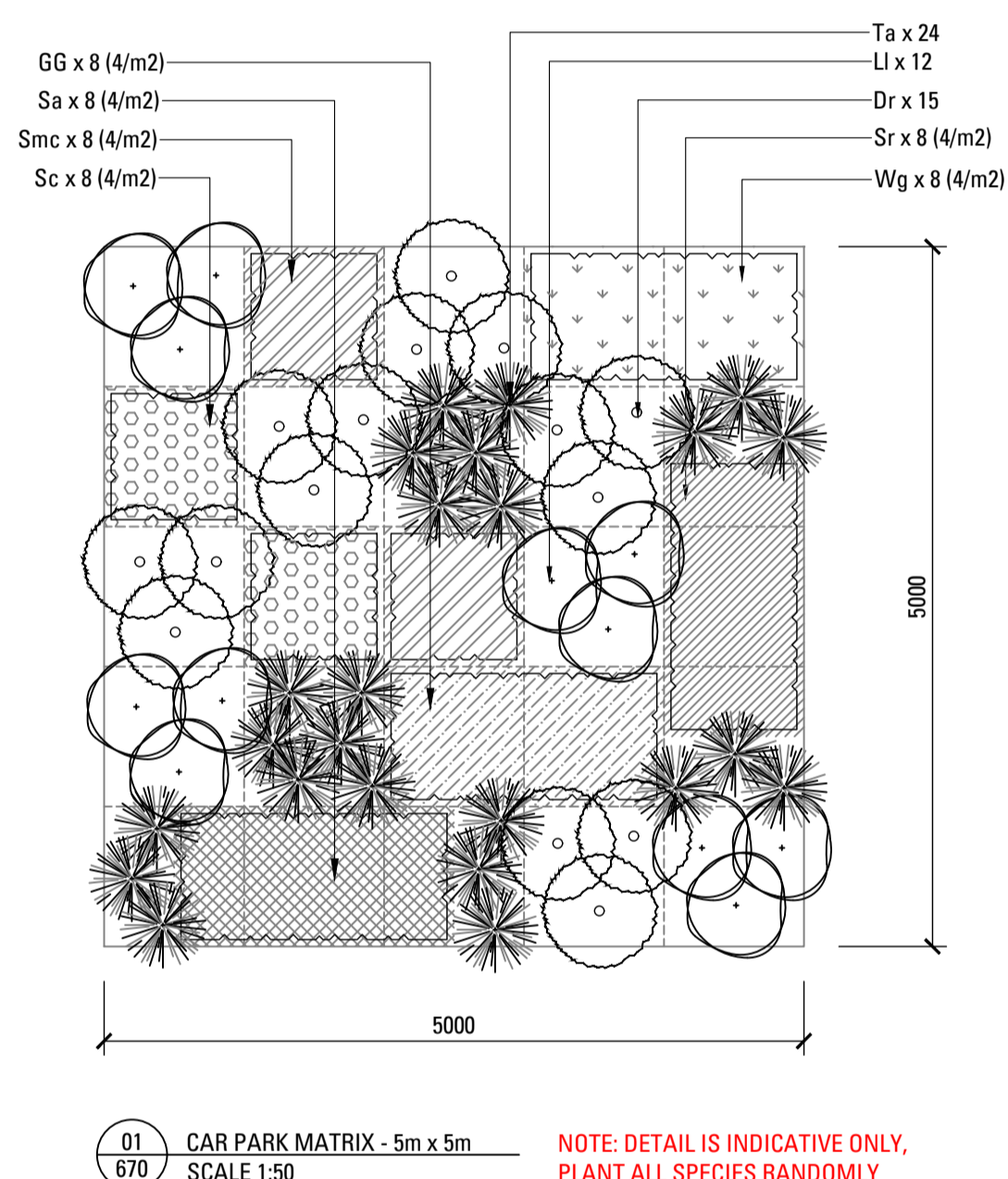
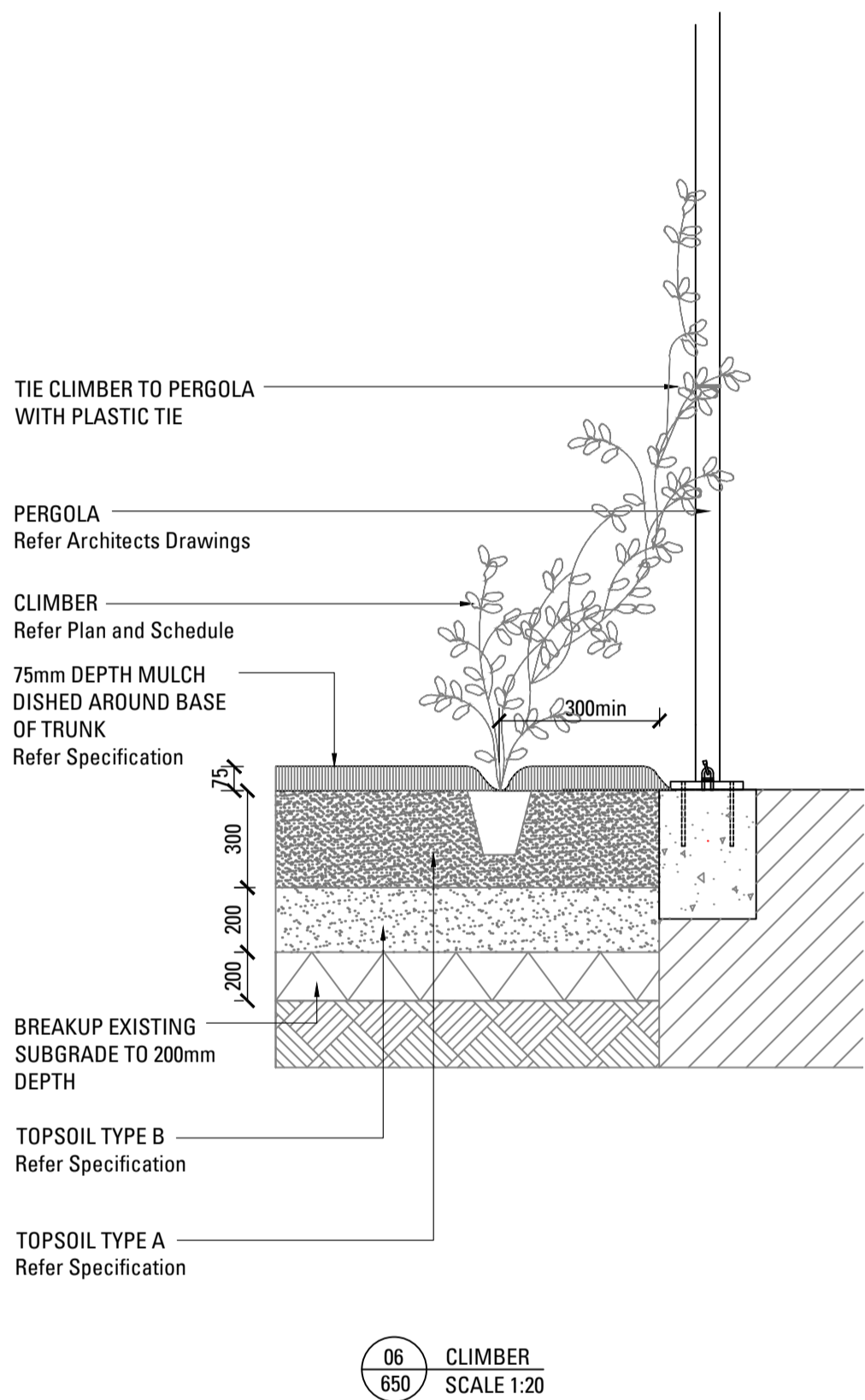
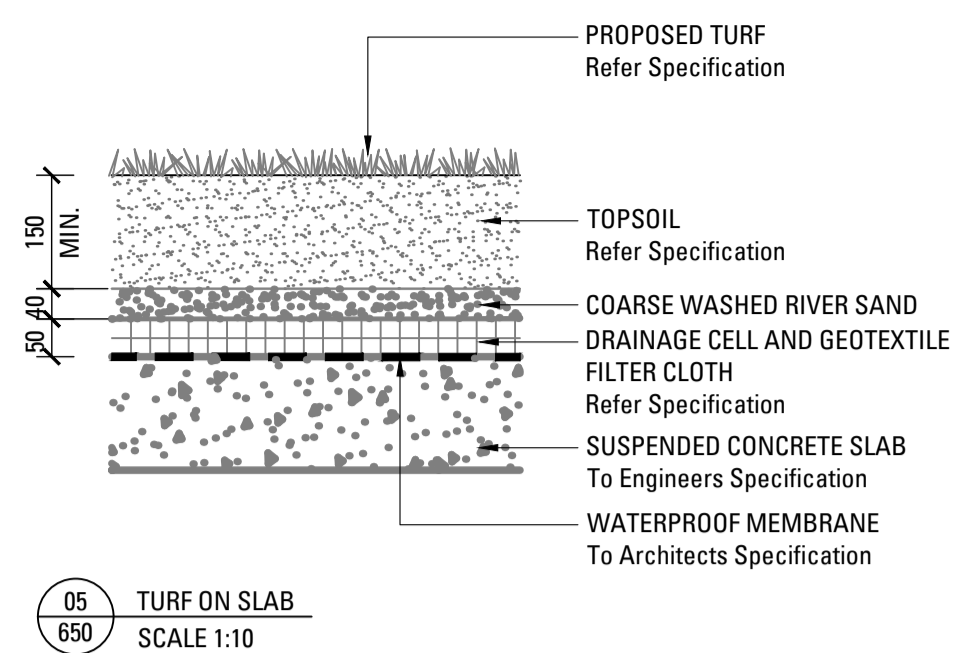
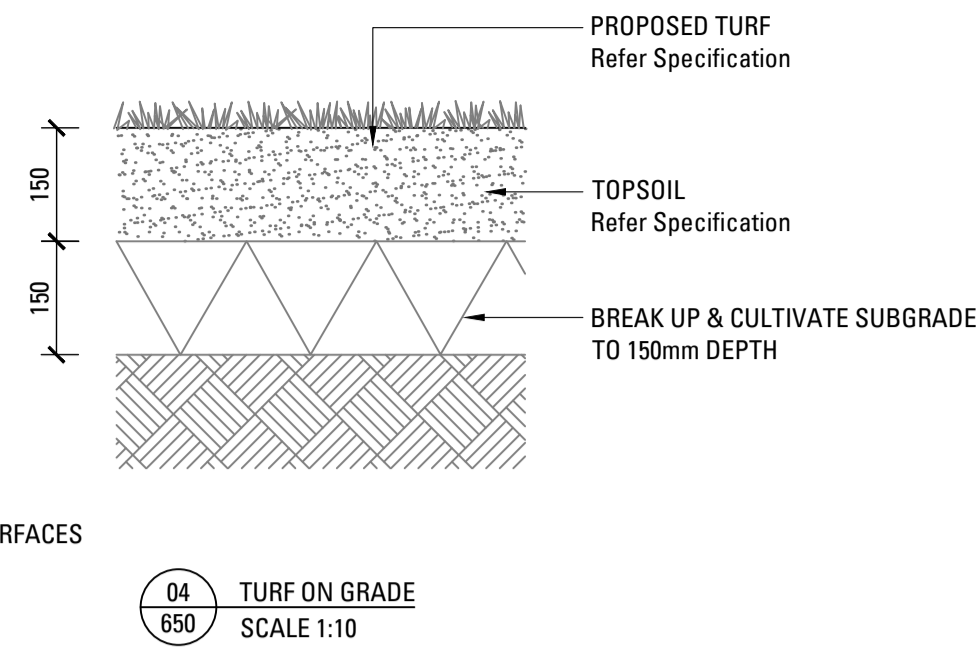
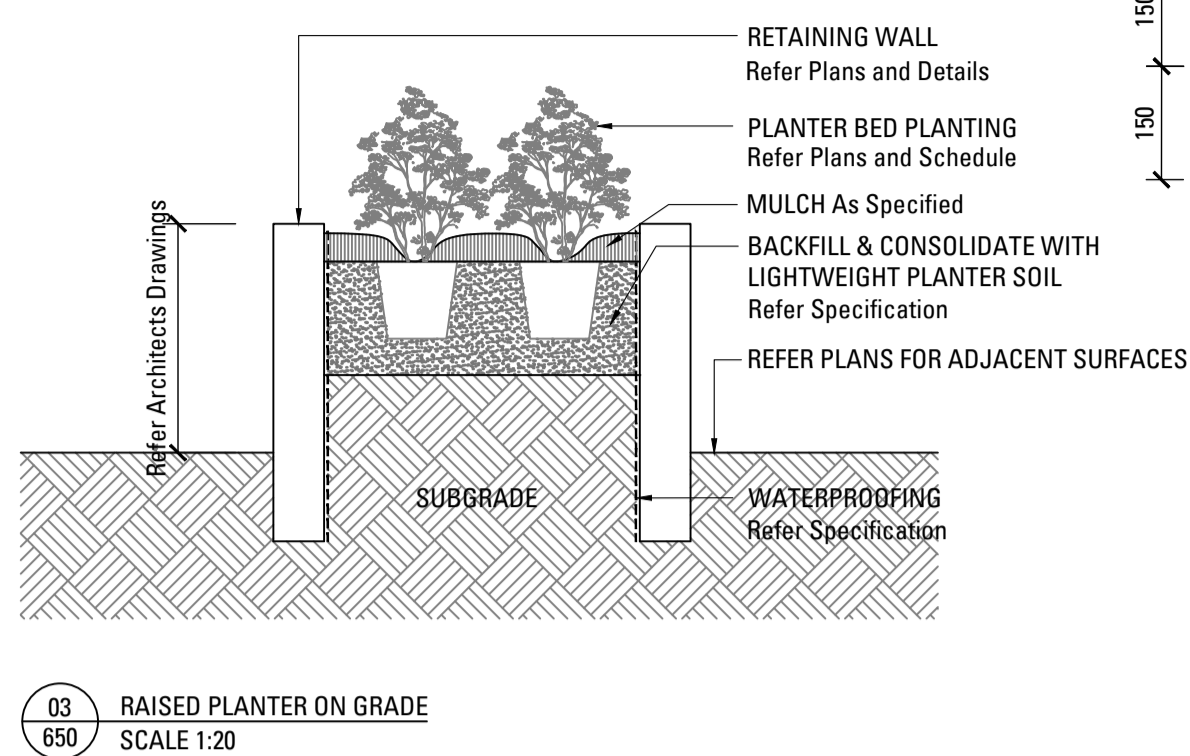
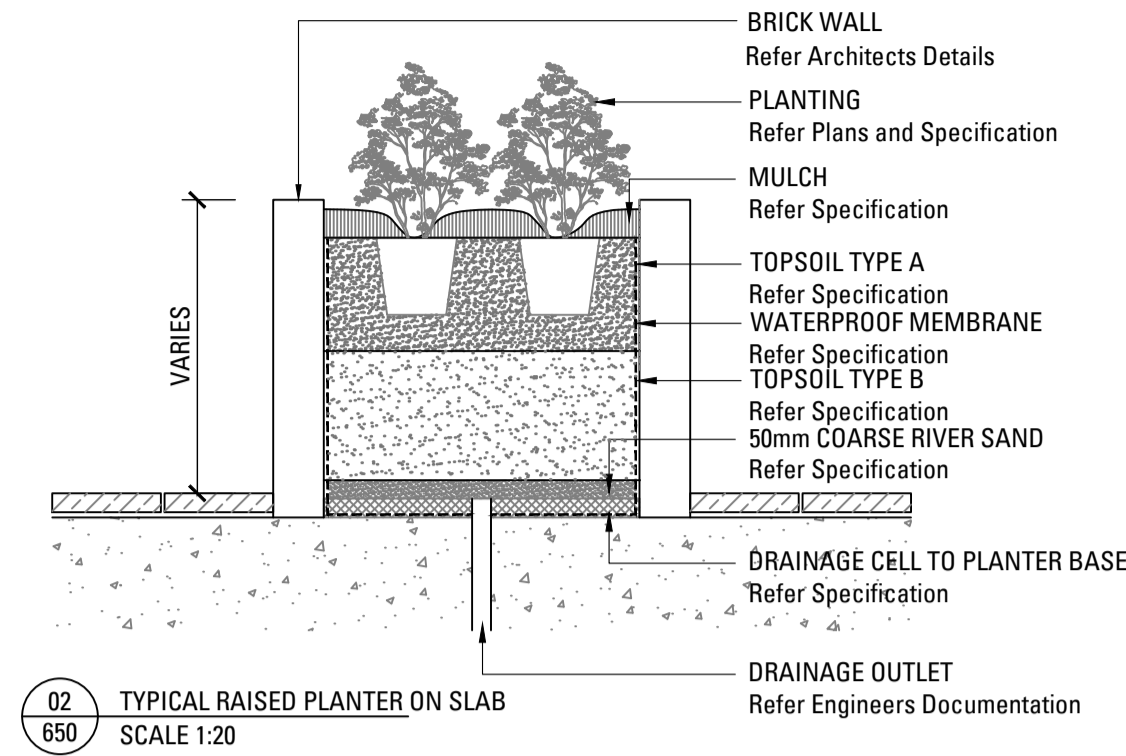
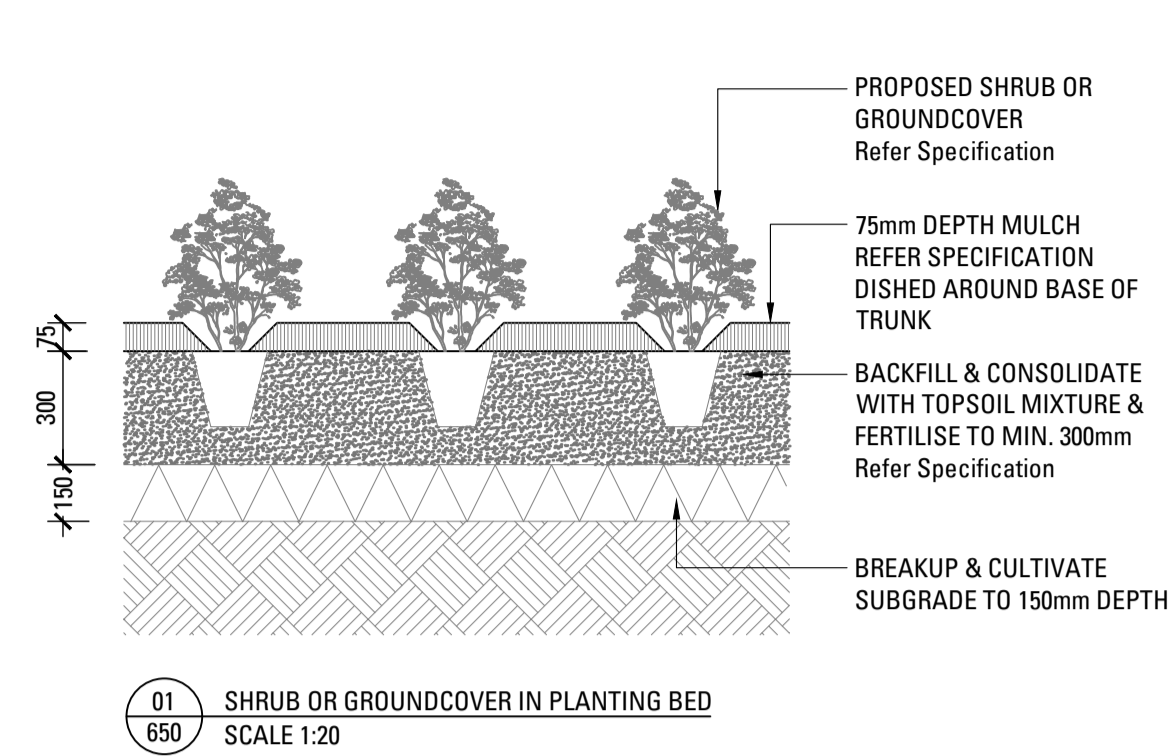
Job No. 20-693

Issue	1
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Scale AS SHOWN

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1	70% TENDER	SE	CT	23.02.21
Issue	Revision	Description	Drawn	Check Date

Not for Construction

Project

Sutherland Hospital
Kingsway & Kareena Rd
Caringbah NSW 2229

Tender

Client



Drawing No. Drawing Name

L-650 Softworks Details

Job No. 20-693

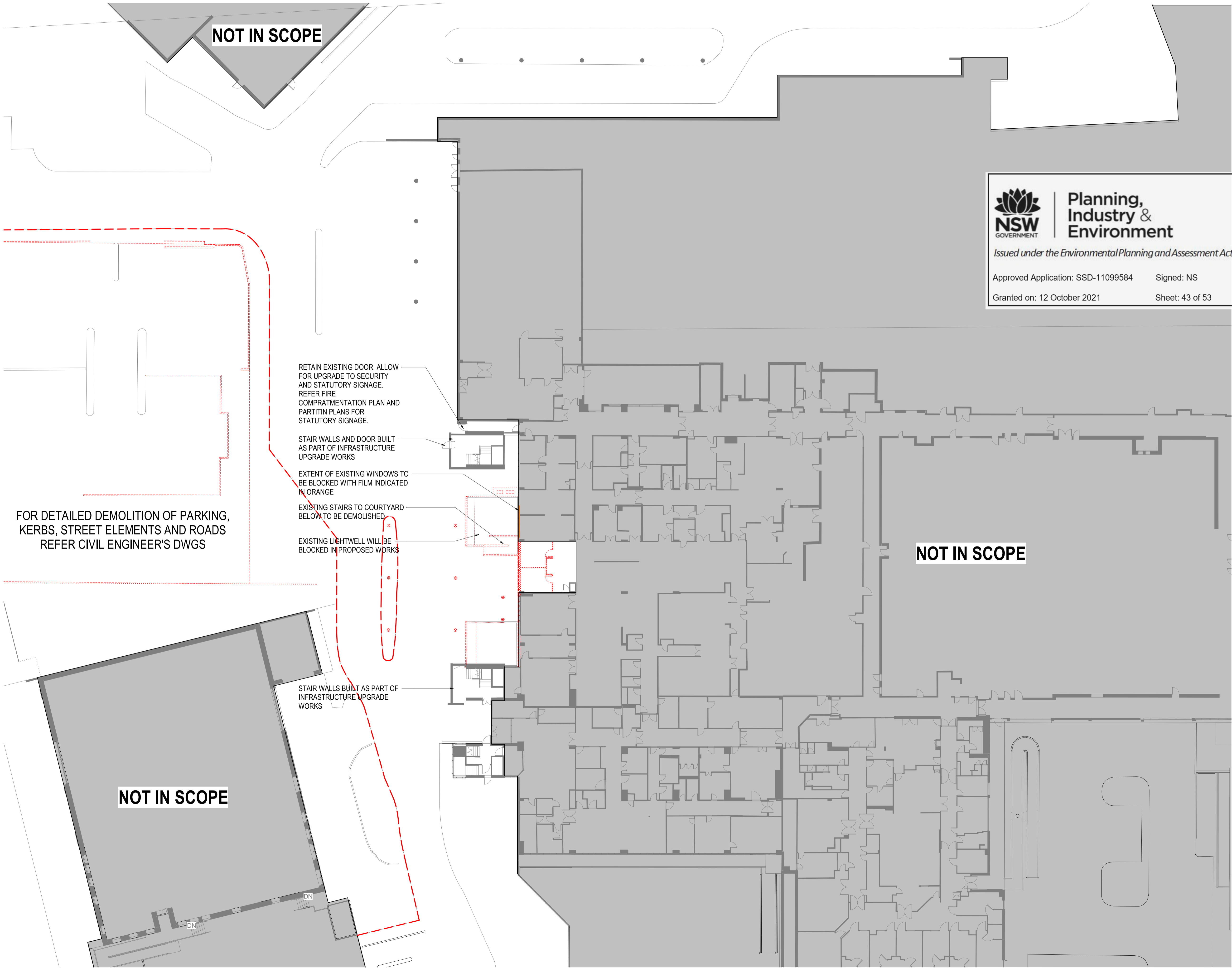
Issue 1

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REV	DESCRIPTION OF CHANGE	CHECKED BY	ISSUED BY	DATE
1	FOR 50% DD	DS	SJ	30/09/20
2	WIP 75% ISSUE	HDR	HDR	08/12/20
3	WIP 90% ISSUE	HDR	HDR	18/12/20
4	100% DD ISSUE	HDR	HDR	22/01/21



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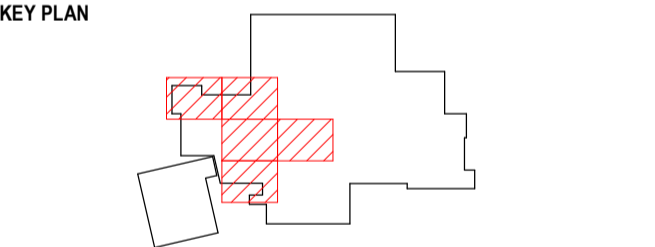
Approved Application: SSD-11099584 Signed: NS

Granted on: 12 October 2021 Sheet: 43 of 53

DEMOLITION NOTES AND LEGENDS

- THE DRAWINGS ARE BASED ON CLIENT ISSUED CAD, BIM FILES AND SURVEY OF THE EXISTING HOSPITAL. HDR CAN ONLY RELY ON THE INFORMATION SUPPLIED BY THE CLIENT.
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- DEMOLITION DRAWINGS TO BE READ IN CONJUNCTION WITH THE REMAINDER OF THE ARCHITECTURAL DRAWING SET.
- DEMOLITION WORKS ARE INDICATED TO THE FULL EXTENT REQUIRED FOR COMPLETION. STAGING OF DEMOLITION WILL BE REQUIRED AND IS TO BE PROPOSED BY THE CONTRACTOR IN ALIGNMENT WITH THE PROJECT PROPOSAL FOR STAGING.
- DEMOLISH EXISTING WALLS TO THE EXTENT SHOWN AND MAKE GOOD. COMPONENTS OF WALLS TO BE DEMOLISHED TO BE VERIFIED ON SITE.
- DEMOLISH FLOOR FINISHES AND CEILINGS WITHIN SCOPED AREA AND WALLS BEING DEMOLISHED - TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT PLAN.
- ANY DAMAGED FINISHED FLOOR, WALL, CEILINGS SURFACES REMAINING POST DEMOLITION TO BE MADE GOOD.
- ALL MECHANICAL, ELECTRICAL, HYDRAULIC, FIRE AND ANY OTHER SERVICES TO BE DECOMMISSIONED, REMOVED, DEMOLISHED, CAPPED AND/OR RELOCATED TO THE EXTENT SHOWN ON THE CONSULTANT'S DRAWINGS.
- ALL FIRE EGRESS DOORS AND FIRE WALLS TO REMAIN 'OPERATIONAL' DURING DEMOLITION.
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- EXISTING SSD FIXTURES AND FITTINGS TO BE REMOVED, ALL ELECTRICAL PLUMBING TO BE DISCONNECTED/CAPPED OFF AND MAKE GOOD TO ACCEPT MODIFIED LAYOUT.
- REMOVE ALL FLOOR FINISHES AS NECESSARY FOR REFURBISHMENT AREAS ONLY.
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- WHERE POSSIBLE RETAIN ALL CEILINGS AND ONLY PATCH WHERE WALLS ARE REMOVED OR SERVICES ARE RELOCATED ALLOW TO RE-PAINT PLASTERBOARD CEILINGS IN ROOM AFFECTED BY CHANGE.
- DEMOLITION PROCESSES TO FOLLOW SESLHDH STRICT REQUIREMENTS TO NOT AFFECT THE OPERATION OF THE HOSPITAL.
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- TENDERER AND CLIENT TO AGREE ON SALVAGE ITEMS - NOT PART OF DEMOLITION SCOPE.
- FOR DEMOLITION OF ANY ELEMENTS OTHER THAN BUILDING, REFER CIVIL ENGINEER'S DWGS.

- NOT IN SCOPE
- EXISTING WALLS
- EXISTING FIRE WALLS
- EXISTING WALLS TO BE DEMOLISHED
- EXISTING DOORS / CASEWORKS / ROOFS TO BE DEMOLISHED



PROJECT MANAGEMENT

CBRE

LEVEL 12, 363 GEORGE STREET, SYDNEY, NSW, AUSTRALIA, 2000. 612 9333 3333.
<http://www.cbre.com.au/>

CLIENT

Health Infrastructure

Level 6 77 Pacific Highway, North Sydney, NSW2060
P: +61 2 9978 5427 | F: +61 2 8904 1377
www.hinfra.health.nsw.gov.au

ARCHITECTS

HDR

Level 1, 110 Walker Street, North Sydney NSW 2060, Australia
+61 2 9956 2666 | hdrinc.com
HDR Pty. Limited ABN 76 158 075 220 trading as HDR

PROJECT

**THE SUTHERLAND HOSPITAL
OPERATING THEATRE UPGRADE
KINGSWAY & KAREENA ROAD,
CARINGBAH NSW 2229**

DRAWING TITLE

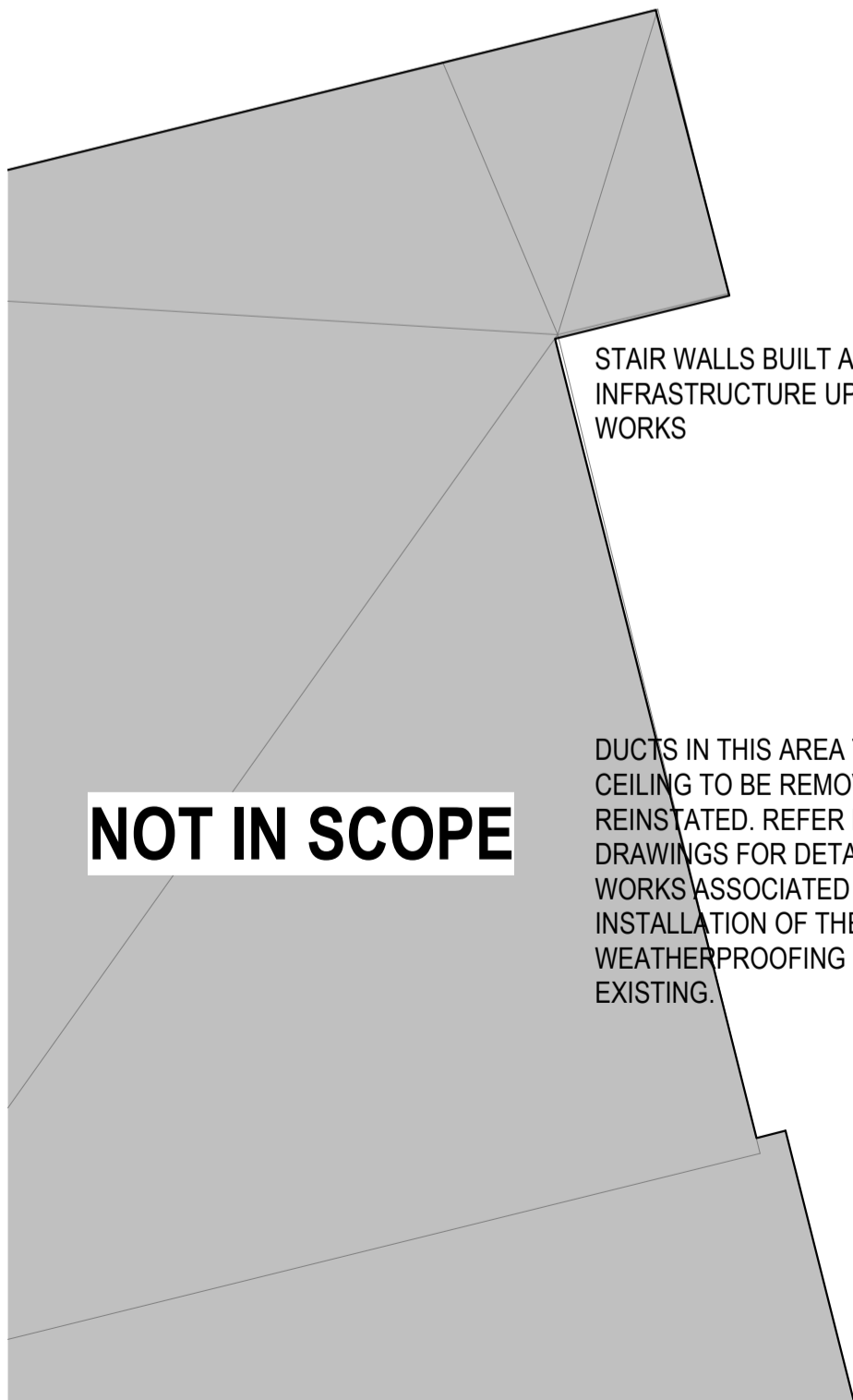
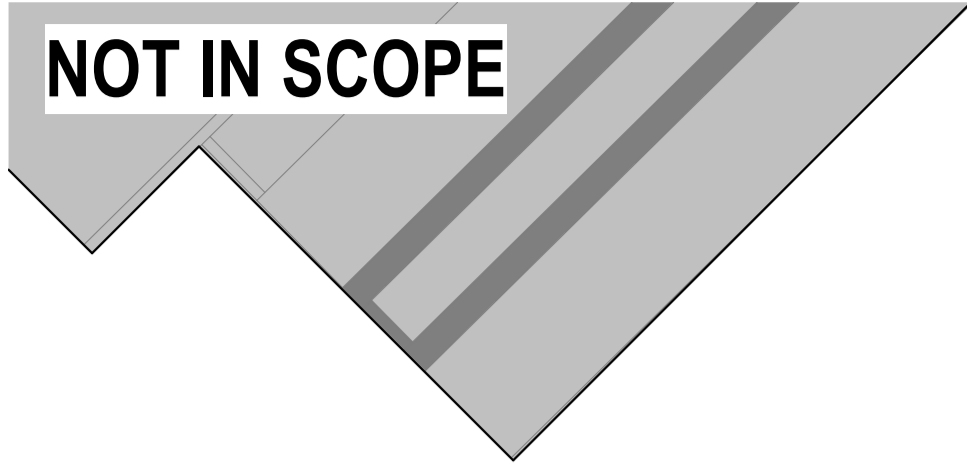
**DEMOLITION PLAN - LEVEL
02**

STATUS

DESIGN DEVELOPMENT

DRAWN BY	CHECKED BY	APPROVED BY
SJ	AB	DS
SCALE	DATE	
1 : 250 @ A1	22/01/21	
PROJECT NUMBER	DRAWING NUMBER	ISSUE
10192314	HDR-AR-DG-030200	4

FOR INFORMATION



EXISTING WALL AND WINDOWS TO BE DEMOLISHED AND NEW WALL BUILT TO MATCH EXISTING WALL FIRE RATING AND THICKNESS

STAIR WALLS BUILT AS PART OF INFRASTRUCTURE UPGRADE WORKS

FLOOR FINISHES AND CEILINGS WITHIN SCOPE TO BE DEMOLISHED VERIFY DETAILED EXTENT ON SITE

DEMOLISH EXISTING FINS AND SILL & LINTEL; RETAIN EXISTING SLAB

STAIR WALLS BUILT AS PART OF INFRASTRUCTURE UPGRADE WORKS

DUCTS IN THIS AREA TO BE REPLACED. CEILING TO BE REMOVED AND REINSTATED. REFER MECHANICAL DRAWINGS FOR DETAILS. BUILDERS WORKS ASSOCIATED WITH THE INSTALLATION OF THE DUCTING AND WEATHERPROOFING TO MATCH EXISTING.

NOT IN SCOPE

NOT IN SCOPE



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Environment

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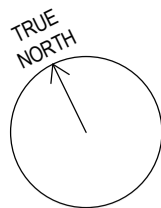
Approved Application: SSD-11099584

Signed: NS

Granted on: 12 October 2021

Sheet: 44 of 53

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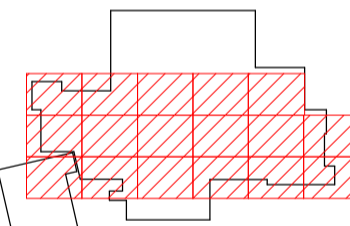
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3	WIP 90% ISSUE	HDR	HDR	18/12/20
4	100% DD ISSUE	HDR	HDR	22/01/21

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- EXISTING WALLS
- EXISTING FIRE WALLS
- EXISTING WALLS TO BE DEMOLISHED
- EXISTING DOORS / CASEWORKS / ROOFS TO BE DEMOLISHED

KEY PLAN



PROJECT MANAGEMENT

CBRE
LEVEL 12, 363 GEORGE STREET, SYDNEY,
NSW, AUSTRALIA, 2000. 612 9333 3333.
<http://www.cbre.com.au/>

CLIENT

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GOVERNMENT Infrastructure
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ARCHITECTS

HDR
Level 1, 110 Walker Street, North Sydney NSW 2060, Australia
+61 2 9556 2666 | hdrinc.com
HDR Pty. Limited ABN 76 158 075 220 trading as HDR

PROJECT

THE SUTHERLAND HOSPITAL
OPERATING THEATRE UPGRADE
KINGSWAY & KAREENA ROAD,
CARINGBAH NSW 2229

DRAWING TITLE

DEMOLITION PLAN - LEVEL
03


STATUS

DESIGN DEVELOPMENT

DRAWN BY	CHECKED BY	APPROVED BY
SJ	AB	DS
SCALE	DATE	ISSUE
1 : 250 @ A1	22/01/21	
PROJECT NUMBER	DRAWING NUMBER	ISSUE
10192314	HDR-AR-DG-030300	4

FOR INFORMATION





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Industry &
Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application: SSD-11099584 Signed: NS

Granted on: 12 October 2021 Sheet: 45 of 53

EXISTING WALLS, DOOR, WINDOW AND PART OF SLAB TO BE DEMOLISHED; AS THIS PART FORMS PART OF PROPOSED WORKS. REFER TO STRUCTURAL CONSULTANT'S DRAWINGS FOR DETAILS

CONTRACTOR TO ASSESS IF PART OF CURRENT FACADE GLAZING CAN BE RETAINED TO ACCOMODATE UC AS PART OF NEW WORKS. PREFERANCE IS TO MAINTAIN MAXIMUM PORTION OF FACADE GLAXING. FOR UC LOCATION REFER TO STRUCTURAL DRAWINGS.

PART OF EXISTING ROOF TO BE DEMOLISHED; AS THIS PART FORMS PART OF PROPOSED WORKS. REFER TO STRUCTURAL CONSULTANT'S DRAWINGS FOR DETAILS

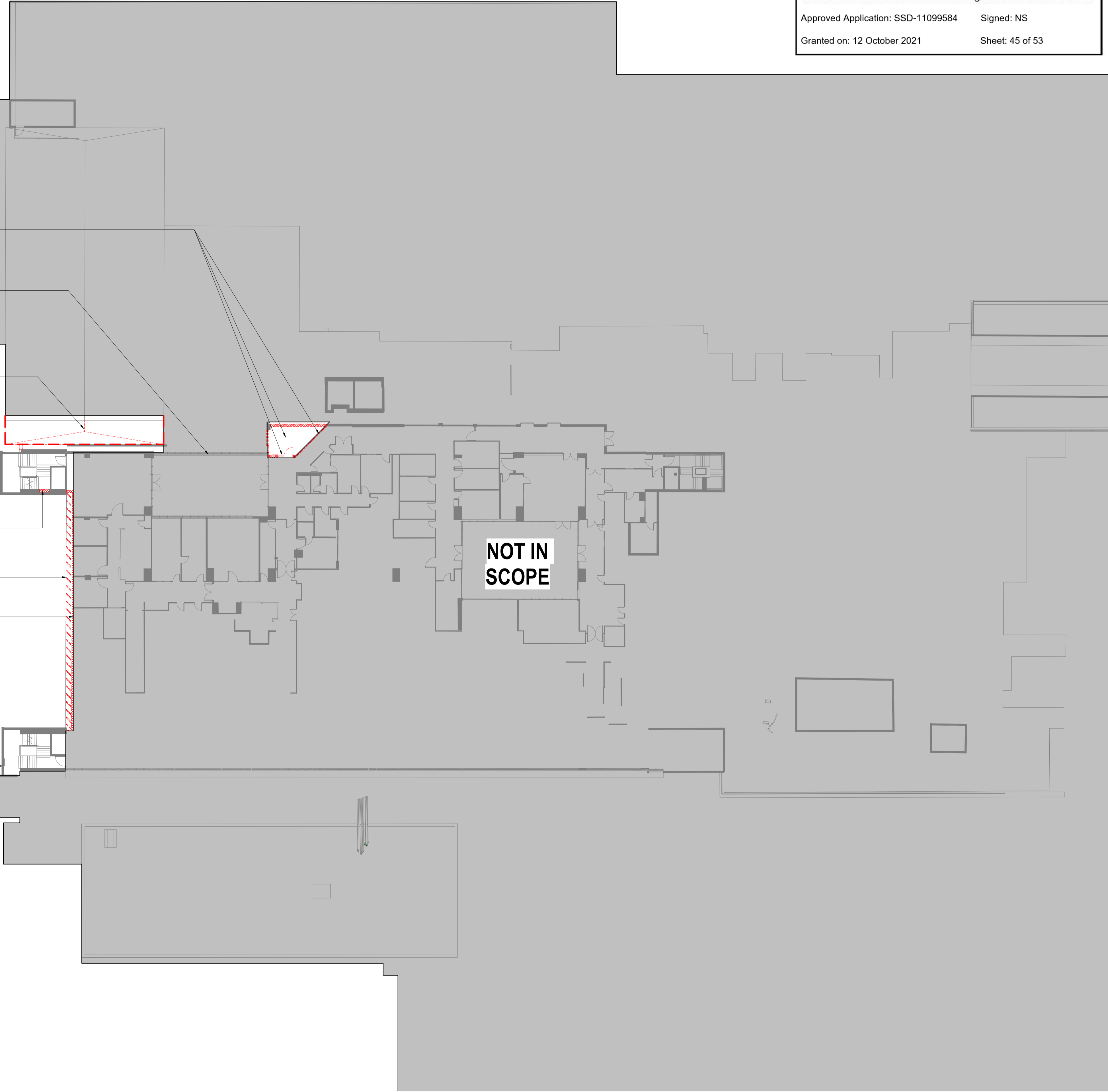
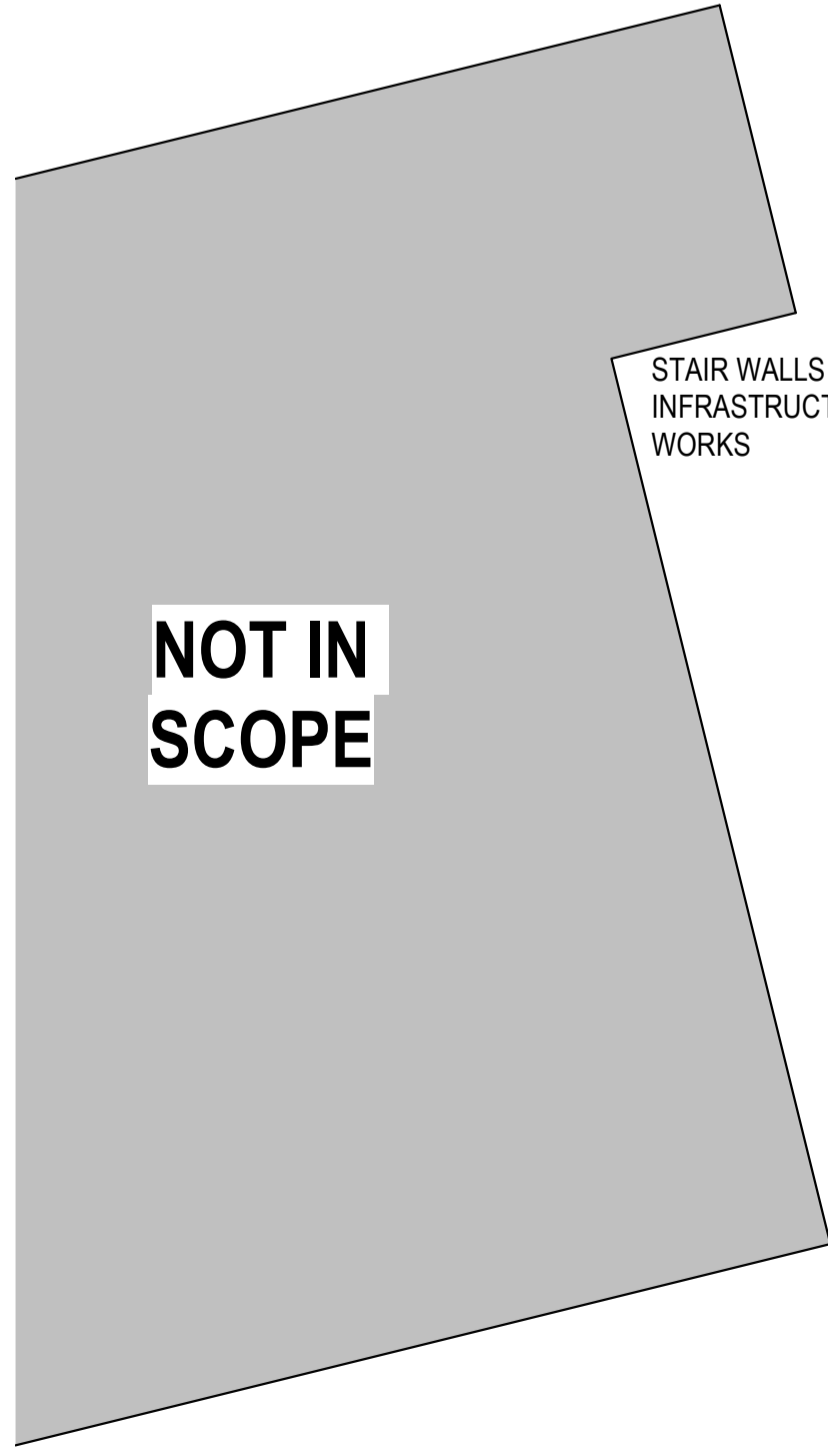
STAIR WALLS BUILT AS PART OF INFRASTRUCTURE UPGRADE WORKS

DEMOLISH PART OF EXISTING WALL TO ACCOMODATE NEW EGRESS DOOR AS PART OF PROPOSED EGRESS STRATEGY; REFER GA PLAN - LEVEL 4

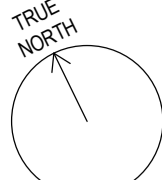
DEMOLISH EXISTING FINS AND SILL & LINTEL; RETAIN EXISTING SLAB

NEW FIRE WALL TO BE CONTRUCTED TO SEPARATE PROPOSED AND EXISTING WORKS. REFER GA PLANS - LEVELS 3 AND 4

STAIR WALLS BUILT AS PART OF INFRASTRUCTURE UPGRADE WORKS



NORTH POINT



THIS DOCUMENT IS THE COPYRIGHT OF HDR. ALL INFORMATION ILLUSTRATED ON THIS DOCUMENT IS TO BE CHECKED AND VERIFIED ON SITE. IN THE EVENT OF DISCREPANCIES REFER TO ARCHITECT PRIOR TO COMMENCEMENT OF THE WORK. DO NOT SCALE DRAWINGS MANUALLY OR ELECTRONICALLY.

REV	DESCRIPTION OF CHANGE	CHECKED BY	ISSUED BY	DATE
1	FOR 50% DD	DS	SJ	30/09/20
2	WIP 75% ISSUE	HDR	HDR	08/12/20
3	WIP 90% ISSUE	HDR	HDR	18/12/20
4	100% DD ISSUE	HDR	HDR	22/01/21

DEMOLITION NOTES AND LEGENDS

1. THE DRAWINGS ARE BASED ON CLIENT ISSUED CAD, BIM FILES AND SURVEY OF THE EXISTING HOSPITAL. HDR CAN ONLY RELY ON THE INFORMATION SUPPLIED BY THE CLIENT.

2. HDR HAVE NOTED THE PATH OF EXISTING FIRE RATED WALLS - THE COMPLIANCE OF THESE WALLS LIES WITH THE CLIENT.

3. ALL NEW FIRE RATED WALLS TO BE COMPLIANT.

4. DEMOLITION DRAWINGS TO BE READ IN CONJUNCTION WITH THE REMAINDER OF THE ARCHITECTURAL DRAWING SET.

5. DEMOLITION WORKS ARE INDICATED TO THE FULL EXTENT REQUIRED FOR COMPLETION. STAGING OF DEMOLITION WILL BE REQUIRED AND IS TO BE PROPOSED BY THE CONTRACTOR IN ALIGNMENT WITH THE PROJECT PROPOSAL FOR STAGING.

6. DEMOLISH EXISTING WALLS TO THE EXTENT SHOWN AND MAKE GOOD. COMPONENTS OF WALLS TO BE DEMOLISHED TO BE VERIFIED ON SITE.

7. DEMOLISH FLOOR FINISHES AND CEILINGS WITHIN SCOPE AREA AND WALLS BEING DEMOLISHED - TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT PLAN.

8. ANY DAMAGED FINISHED FLOOR, WALL, CEILINGS SURFACES REMAINING POST DEMOLITION TO BE MADE GOOD.

9. ALL MECHANICAL, ELECTRICAL, HYDRAULIC, FIRE AND ANY OTHER SERVICES TO BE DECOMMISSIONED, REMOVED, DEMOLISHED, CAPPED AND/OR RELOCATED TO THE EXTENT SHOWN ON THE CONSULTANT'S DRAWINGS.

10. ALL FIRE EGRESS DOORS AND FIRE WALLS TO REMAIN 'OPERATIONAL' DURING DEMOLITION.

11. EXISTING SANITARY FIXTURES AND FITTINGS TO BE REMOVED, CAPPED OFF, RE-DIRECTED OR AS OTHERWISE REQUIRED TO THE EXTENT SHOWN ON THE CONSULTANT'S DRAWINGS AND SPECIFICATIONS.

12. EXISTING SSD FIXTURES AND FITTINGS TO BE REMOVED, ALL ELECTRICAL/PLUMBING TO BE DISCONNECTED/CAPPED OFF AND MAKE GOOD TO ACCEPT MODIFIED LAYOUT.

13. REMOVE ALL FLOOR FINISHES AS NECESSARY FOR REFURBISHMENT AREAS ONLY.

14. SERVICE PENETRATIONS TO EXISTING SLAB IN STAFF AMENITIES TO OCCUR IN CAVITY WALL ZONE - CHECK ON SITE EXISTING PT ZONES PRIOR TO LOCATING PENETRATIONS.

15. WHERE POSSIBLE RETAIN ALL CEILINGS AND ONLY PATCH WHERE WALLS ARE REMOVED OR SERVICES ARE RELOCATED ALLOW TO RE-PAINT PLASTERBOARD CEILINGS IN A ROOM AFFECTED BY CHANGE.

16. DEMOLITION PROCESSES TO FOLLOW SESLHDH STRICT REQUIREMENTS TO NOT AFFECT THE OPERATION OF THE HOSPITAL.

17. DEMOLITION OF THE FACADE IN THE SSD ZONE TO ALSO FOLLOW SESLHDH STRICT REQUIREMENTS/PROCEDURES.

18. WHERE POSSIBLE REPAIR IN LIEU OF REMOVE AND REPLACE FINISHES.

19. ANY DEMOLITION OF STRUCTURAL MEMBERS IN EXISTING ROOF IS SUBJECT TO STRUCTURAL ANALYSIS, STRUCTURAL ENGINEER APPROVAL.

20. TENDERER AND CLIENT TO AGREE ON SALVAGE ITEMS - NOT PART OF DEMOLITION SCOPE.

21. FOR DEMOLITION OF ANY ELEMENTS OTHER THAN BUILDING, REFER CIVIL ENGINEER'S DWGS.

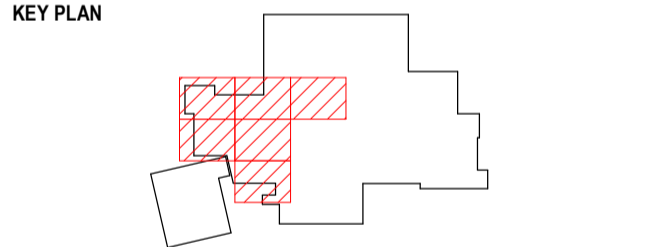
NOT IN SCOPE

EXISTING WALLS

EXISTING FIRE WALLS

EXISTING WALLS TO BE DEMOLISHED

EXISTING DOORS / CASEWORKS / ROOFS TO BE DEMOLISHED



PROJECT MANAGEMENT



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CLIENT



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ARCHITECTS



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PROJECT

THE SUTHERLAND HOSPITAL
OPERATING THEATRE UPGRADE
KINGSWAY & KAREENA ROAD,
CARINGBAH NSW 2229

DRAWING TITLE

DEMOLITION PLAN - LEVEL
04

STATUS

DESIGN DEVELOPMENT

DRAWN BY	CHECKED BY	APPROVED BY
SJ	AB	DS

SCALE	DATE
1 : 250 @ A1	22/01/21

PROJECT NUMBER	DRAWING NUMBER	ISSUE
10192314	HDR-AR-DG-030400	4

FOR INFORMATION

THE SUTHERLAND HOSPITAL OPERATING THEATRE UPGRADE PROJECT

MAIN BUILDING WORKS

CIVIL ENGINEERING SERVICES

EXISTING SERVICES LEGEND	
	EXISTING SEWER
	EXISTING WATER
	EXISTING GAS
	EXISTING COMMUNICATIONS
	EXISTING STORMWATER
	EXISTING ELECTRICAL
	EXISTING OVERHEAD
	EXISTING PNEUMATIC TUBE SYSTEM
	EXISTING UNKNOWN SERVICE

SOIL EROSION AND SEDIMENT CONTROL LEGEND	
	INLET TRAP
	SEDIMENT CONTROL FENCE
	SANDBAG SEDIMENT TRAP
	STABILISED CONSTRUCTION EXIT

CIVIL LEGEND	
	PROPOSED STORMWATER LINE
	INVERT LEVEL UPSTREAM
	PIPE SIZE AND MATERIAL CLASS
	PIPE GRADE
	PIPE LENGTH
	INVERT LEVEL DOWNSTREAM
	PROPOSED STORMWATER PIT
	KERB AND GUTTER
	KERB ONLY
	FLUSH KERB
	RETAINING WALL
	FINISHED SURFACE LEVEL
	EXISTING SURFACE LEVEL
	TOP OF KERB LEVEL
	TOP OF WALL LEVEL
	PROPOSED GRATED DRAIN
	PROPOSED BUILDING ENVELOPE ABOVE
	SERVICES TO BE REMOVED OR DECOMMISSIONED
	BOLLARD
	DOWNPIPE
	EXISTING OSD AND TRUNK STORMWATER (NOT IN SCOPE)
	PAVEMENT TYPE 1 CONCRETE PAVEMENT



LOCALITY PLAN
NTS

DRAWING INDEX	
DWG No.	DESCRIPTION
CV-DG-1001	COVER SHEET, DRAWING INDEX AND LEGEND
CV-DG-1002	NOTES
CV-DG-1005	DETAILS - SHEET 1
CV-DG-1006	DETAILS - SHEET 2
CV-DG-1007	DETAILS - SHEET 3
CV-DG-3001	CIVIL WORKS PLAN
CV-DG-3100	STORMWATER MANAGEMENT PLAN
CV-DG-5001	SOIL EROSION AND SEDIMENT CONTROL PLAN



Planning,
Industry &
Environment

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DIAL BEFORE YOU DIG
www.1100.com.au

IMPORTANT: THE CONTRACTOR IS TO MAINTAIN A CURRENT SET OF "DIAL BEFORE YOU DIG" DRAWINGS ON SITE AT ALL TIMES.

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This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:					
B	ISSUE FOR DRAFT SSDA	13.11.20	DK	CR	
A	ISSUE FOR SCHEMATIC DESIGN	07.08.20	DK	CR	
Issue.	Description	Date	Drawn	Approved	
1					






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Infrastructure

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Project
THE SUTHERLAND HOSPITAL OPERATING
THEATRE UPGRADE PROJECT -
MAIN BUILDING WORKS
KINGSWAY & KAREENA RD,
CARINGBAH NSW 2229

Drawing Title COVER SHEET, DRAWING INDEX AND LEGEND					
Drawn	Date	Scale	A1	Q.A. Check	Date
DK	Jul-20	N/A			
Designed	Project No.	Dwg No.		Issue	
CR	SY191015	CV-DG-1001		B	

NOT FOR CONSTRUCTION

\\fs1\fs1\projects\191015\Drawings\CV-DG-1001\CV-DG-1001.dwg 19/07/2020 10:03am

EXISTING SERVICES AND FEATURES	
1.	THE CONTRACTOR SHALL ALLOW FOR THE CAPPING OFF, EXCAVATION, REMOVAL AND DISPOSAL IF REQUIRED OF ALL EXISTING SERVICES IN AREAS AFFECTED BY WORKS WITHIN THE CONTRACT AREA, AS SHOWN ON THE DRAWINGS UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT.
2.	THE CONTRACTOR SHALL ENSURE THAT AT ALL TIMES SERVICES TO ALL BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED.
3.	PRIOR TO COMMENCEMENT OF ANY WORKS THE CONTRACTOR SHALL GAIN WRITTEN APPROVAL OF HIS PROGRAMME FOR THE RELOCATION/CONSTRUCTION OF TEMPORARY SERVICES.
4.	EXISTING BUILDINGS, EXTERNAL STRUCTURES, AND TREES SHOWN ON THESE DRAWINGS ARE FEATURES EXISTING PRIOR TO ANY DEMOLITION WORKS.
5.	CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS 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.
6.	INTERRUPTION TO SUPPLY OF EXISTING SERVICES SHALL BE DONE SO AS NOT TO CAUSE ANY INCONVENIENCE TO THE PRINCIPAL. CONTRACTOR TO GAIN APPROVAL OF SUPERINTENDENT FOR TIME OF INTERRUPTION.

SITEWORKS NOTES	
1.	ORIGIN OF LEVELS :- AUSTRALIAN HEIGHT DATUM (A.H.D.)
2.	CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
3.	ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATIONS AND THE DIRECTIONS OF THE PRINCIPAL'S REPRESENTATIVE.
4.	EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA 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 PRINCIPAL'S REPRESENTATIVE. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY.
5.	WHERE NEW WORKS ABUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
6.	THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR.
7.	CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER COMMUNICATIONS OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.
8.	ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH AN APPROVED NON-NATURAL GRANULAR MATERIAL AND COMPACTED TO 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289.5.1.1.
9.	ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
10.	ON COMPLETION OF PIPE INSTALLATION ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS AND ROAD PAVEMENTS.
11.	PROVIDE 12mm WIDE EXPANDING CORK JOINTS BETWEEN CONCRETE PAVEMENTS AND ALL BUILDINGS , WALLS, FOOTINGS, COLUMNS, KERBS, DISH DRAINS, GRATED DRAINS, BOLLARD FOOTINGS ETC
12.	CONTRACTOR TO OBTAIN ALL AUTHORITY APPROVALS.
13.	ALL BATTERS TO BE GRASSED LINED WITH MINIMUM 100 TOPSOIL AND APPROVED COUCH LAID AS TURF.
14.	MAKE SMOOTH TRANSITION TO EXISTING SERVICES AND MAKE GOOD.
15.	THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY DIVERSION DRAINS AND MOUNDS TO ENSURE THAT AT ALL TIMES EXPOSED SURFACES ARE FREE DRAINING AND WHERE NECESSARY EXCAVATE SUMPS AND PROVIDE PUMPING EQUIPMENT TO DRAIN EXPOSED AREAS.
16.	THESE PLANS SHALL BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, HYDRAULIC AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
17.	TRENCHES THROUGH EXISTING ROAD AND CONCRETE PAVEMENTS SHALL BE SAWCUT TO FULL DEPTH OF CONCRETE AND A MIN 50mm IN BITUMINOUS PAVING.
18.	ALL BRANCH GAS AND WATER SERVICES UNDER DRIVEWAYS AND BRICK PAVING SHALL BE LOCATED IN Ø80 uPVC SEWER GRADE CONDUITS EXTENDING A MIN OF 500mm PAST PAVING.
19.	ON COMPLETION OF WORKS ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL INCLUDING, BUT NOT LIMITED TO, KERBS, FOOTPATHS, CONCRETE AREAS, GRASS AND LANDSCAPED AREAS.

STORMWATER NOTES	
1.	ALL 225 DIA. DRAINAGE PIPES AND LARGER SHALL BE CLASS "2" APPROVED SPIGOT AND SOCKET FRC OR RCP PIPES WITH RUBBER RING JOINTS. (U.N.O.) ALL DOWNPIPE DRAINAGE LINES SHALL BE SEWER GRADE UPVC WITH SOLVENT WELD JOINTS. (U.N.O.)
2.	EQUIVALENT STRENGTH REINFORCED CONCRETE PIPES MAY BE USED.
3.	ALL PIPE JUNCTIONS UP TO AND INCLUDING 450 DIA. AND TAPERS SHALL BE VIA PURPOSE MADE FITTINGS.
4.	MINIMUM GRADE TO STORMWATER LINES TO BE 1% (U.N.O.)
5.	CONTRACTOR TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISSIMILAR PIPEWORK.
6.	ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH.
7.	PRECAST PITS SHALL NOT BE USED UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE SUPERINTENDENT.
8.	WHERE TRENCHES ARE IN ROCK, THE PIPE SHALL BE BEDDED ON A MIN. 50MM CONCRETE BED (OR 75MM THICK BED OF 12MM BLUE METAL) UNDER THE BARREL OF THE PIPE. THE PIPE COLLAR AT NO POINT SHALL BEAR ON THE ROCK. IN OTHER THAN ROCK, PIPES SHALL BE LAID ON A 75MM THICK SAND BED. IN ALL CASES BACKFILL THE TRENCH WITH SAND TO 200MM ABOVE THE PIPE. WHERE THE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH WITH SAND OR APPROVED GRANULAR BACKFILL COMPACTED IN 150MM LAYERS TO 98% STANDARD MAX. DRY DENSITY.
9.	BEDDING SHALL BE (U.N.O.) TYPE H1, IN ACCORDANCE WITH CURRENT RELEVANT AUSTRALIAN STANDARDS.
10.	WHERE STORMWATER LINES PASS UNDER FLOOR SLABS SEWER GRADE RUBBER RING JOINTS ARE TO BE USED.
11.	WHERE SUBSOIL DRAINAGE LINES PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS UNSLOTTED UPVC SEWER GRADE PIPE SHALL BE USED.
12.	PROVIDE 3.0M LENGTH OF 100 DIA. SUBSOIL DRAINAGE PIPE WRAPPED IN FABRIC SOCK, AT UPSTREAM END OF EACH PIT.

SUBGRADE PREPARATION	
1.	REMOVE ALL TOPSOIL, VEGETABLE MATTER AND RUBBLE.
2.	PROOF ROLL NATURAL SURFACE.
3.	REMOVE ANY SOFT AREAS.
4.	PLACE APPROVED NON ORGANIC FILL WITH A MAXIMUM PARTICLE SIZE OF 75mm AND COMPACT IN 200mm MAX. THICK LAYERS. U.N.O.
5.	COMPACTION IS TO BE CARRIED OUT BY ROLLING AT OPTIMUM MOISTURE CONTENT TO OBTAIN A DENSITY EQUIVALENT TO 98% OF MAXIMUM DRY DENSITY WHEN TESTED BY THE STANDARD COMPACTION TEST. No. E1.1 FROM A.S. 1289.5.1.1.
6.	COMPACTION SHALL BE CARRIED OUT WITH A VIBRATING ROLLER WITH AT LEAST 10 TONNE STATIC WEIGHT.
7.	TESTING OF THE SUBGRADE SHALL BE CARRIED OUT BY AN APPROVED N.A.T.A. REGISTERED LABORATORY.

COMPACTION NOTES											
1.	STRIP TOPSOIL TO EXPOSE NATURALLY OCCURRING MATERIAL AND STOCKPILE ON SITE FOR SELECTIVE RE-USE OR DISPOSE OFF-SITE AS DIRECTED BY THE SUPERINTENDENT.										
2.	WHERE FILLING IS REQUIRED TO ACHIEVE DESIGN SUBGRADE PROOF ROLL EXPOSED NATURAL SURFACE WITH A MINIMUM OF TEN PASSES OF A VIBRATING ROLLER (MINIMUM STATIC WEIGHT OF 10 TONNES) IN THE PRESENCE OF THE SUPERINTENDENT. REFER TO SPECIFICATION FOR DETAILS.										
3.	ALL SOFT, WET OR UNSUITABLE MATERIAL TO BE REMOVED AS DIRECTED BY THE SUPERINTENDENT AND REPLACED WITH APPROVED MATERIAL SATISFYING THE REQUIREMENTS LISTED BELOW.										
4.	ALL FILL MATERIAL SHALL BE FROM A SOURCE APPROVED BY THE SUPERINTENDENT AND SHALL COMPLY WITH THE FOLLOWING : <div><div>a.</div><div>FREE FROM ORGANIC, PERISHABLE AND CONTAMINATED MATTER</div><div>b.</div><div>MAXIMUM PARTICLE SIZE 75MM</div><div>c.</div><div>PLASTICITY INDEX BETWEEN 2% AND 15%</div></div>										
5.	ALL FILL MATERIAL SHALL BE PLACED IN MAXIMUM 200MM THICK LAYERS AND COMPACTED AT OPTIMUM MOISTURE CONTENT (+ OR - 2%) TO ACHIEVE A DRY DENSITY. DETERMINED IN ACCORDANCE WITH AS 1289.5.3.1 OF NOT LESS THAN THE FOLLOWING STANDARD MINIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289.5.1.1: <table><tr><th>LOCATION</th><th>STANDARD DRY DENSITY</th></tr><tr><td>UNDER BUILDING SLABS</td><td>98%</td></tr><tr><td>AREAS OF SERVICE TRENCHES</td><td>98%</td></tr><tr><td>EXTERNAL PAVED AREAS, ROADS AND CARPARKS</td><td>98%</td></tr><tr><td>LANDSCAPED AREAS</td><td>90%</td></tr></table>	LOCATION	STANDARD DRY DENSITY	UNDER BUILDING SLABS	98%	AREAS OF SERVICE TRENCHES	98%	EXTERNAL PAVED AREAS, ROADS AND CARPARKS	98%	LANDSCAPED AREAS	90%
LOCATION	STANDARD DRY DENSITY										
UNDER BUILDING SLABS	98%										
AREAS OF SERVICE TRENCHES	98%										
EXTERNAL PAVED AREAS, ROADS AND CARPARKS	98%										
LANDSCAPED AREAS	90%										
6.	THE CONTRACTOR SHALL PROGRAM THE EARTHWORKS OPERATION SO THAT THE WORKING AREAS ARE ADEQUATELY DRAINED DURING THE PERIOD OF CONSTRUCTION. THE SURFACE SHALL BE GRADED AND SEALED OFF TO REMOVE DEPRESSIONS, ROLLER MARKS AND SIMILAR WHICH WOULD ALLOW WATER TO POND AND PENETRATE THE UNDERLYING MATERIAL. ANY DAMAGE RESULTING FROM THE CONTRACTOR NOT OBSERVING THESE REQUIREMENTS SHALL BE RECTIFIED BY THE CONTRACTOR AT THEIR COST.										
7.	TESTING OF THE SUBGRADE SHALL BE CARRIED OUT BY AN APPROVED NATA REGISTERED LABORATORY AT THE CONTRACTORS EXPENSE.										

CONCRETE NOTES

GENERAL

1.

ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH AS 3600 CURRENT EDITIONS WITH AMENDMENTS, AND THE ACSE CONCRETE SPECIFICATION EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.

2.

VERIFY ALL SETTING OUT DIMENSIONS WITH THE ARCHITECT AND/OR THE SURVEYOR.

3.

DO NOT OBTAIN DIMENSIONS BY SCALING THE DRAWINGS.

4.

IN CASE OF DOUBT - ASK.

DESIGN LOADS

1.

N/A

CONCRETE

1.

PLACE CONCRETE OF THE FOLLOWING CHARACTERISTIC COMPRESSIVE STRENGTH F'C AS DEFINED IN AS.3600 OR M.R. FORM 609. ADD WATER REDUCING ADMIXTURE EQUAL TO WRDA.

LOCATION	AS.3600 F'c MPa AT 28 DAYS	SPECIFIED SLUMP	NOMINAL AGG. SIZE
ALL KERB PITS ETC.	25	80	20
VEHICULAR PAVEMENTS	32	80	20

2.

USE "A.C.S.E. SPECIFICATION TYPE A" CEMENT.

3.

ALL CONCRETE SHALL BE SUBJECT TO PROJECT CONTROL SAMPLE AND TESTING TO AS.3600.

4.

CONSOLIDATE BY VIBRATION.

REINFORCEMENT

1.

FIX REINFORCEMENT AS SHOWN ON DRAWINGS. THE TYPE AND GRADE IS INDICATED BY A SYMBOL AS SHOWN BELOW. ON THE DRAWING N IS FOLLOWED BY A NUMERAL WHICH INDICATES THE SIZE IN MILLIMETRES. A MARK NUMERAL (IF USED) FOLLOWS THIS NUMERAL.

N.

HOT ROLLED DEFORMED BAR, GRADE 410Y

S.

HOT ROLLED DEFORMED BAR, GRADE 230S

R.

PLAIN ROUND BAR, GRADE 230R

SL.

HARD DRAWN WIRE FABRIC.

2.

PROVIDE BAR SUPPORTS OR SPACERS TO GIVE THE FOLLOWING CONCRETE COVER TO ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

FOOTINGS

-

75 BOTTOM, 65 TOP AND SIDES

-

20 TOP AND BOTTOM, 30 WHEN EXPOSED TO WEATHER.

BEAMS

-

50 BOTTOM AND SIDES (TO STIRRIPS) TOP COVER AS DETAILED

-

40 TO TIES AND SPIRALS 50 WHEN EXPOSED TO WEATHER

WALLS

-

25 GENERALLY 30 WHEN CAST IN FORMS BUT LATER EXPOSED TO WEATHER OR GROUND.

-

65 WHEN CAST DIRECTLY IN CONTACT WITH GROUND.

CURING

1.

CURE ALL CONCRETE IN ACCORDANCE TO THE METHOD PROVIDED IN THE SPECIFICATION.

CONCRETE PAVEMENT JOINT NOTES	
PJ1.	CONCRETE MIX PARAMETERS : <div><div>-</div><div>MAXIMUM AGGREGATE SIZE 20mm</div><div>-</div><div>FLEXURAL STRENGTH AT 28 DAYS = 3.5MPa</div><div>-</div><div>FLEXURAL STRENGTH AT 90 DAYS = 3.85 MPa</div><div>-</div><div>MAXIMUM WATER / CEMENT RATIO = 0.55</div><div>-</div><div>MAXIMUM SHRINKAGE LIMIT = 650 MICRON</div></div> STRAINS (AS 1012 Pt 13) <div><div>-</div><div>MINIMUM CEMENT CONTENT = 300kg/m3</div><div>-</div><div>CEMENT TO BE TYPE "A" (NORMAL CEMENT) TO AS.1315</div><div>-</div><div>SLUMP = 80mm</div></div>
PJ2.	JOINT TO BE SAWN AS SOON AS CONCRETE HAS HARDENED SUFFICIENTLY THAT IT WILL NOT BE DAMAGED BY SAWING. IF AN UNPLANNED CRACK OCCURS THE CONTRACTOR SHALL REPLACE WHOLE SLABS EITHER SIDE OF THE UNPLANNED CRACK, UNLESS DIRECTED OTHERWISE.
PJ3.	<div>a.</div> <div>CONSTRUCT JOINTS AS DETAILED</div> <div>b.</div> <div>CONSTRUCTION JOINTS WHERE REQUIRED BUT NOT SHOWN, SHALL BE LOCATED TO THE APPROVAL OF THE ENGINEER AND CONSTRUCTED AT THE CONTRACTORS EXPENSE.</div> <div>c.</div> <div>ALL LONGITUDINAL CONSTRUCTION JOINTS SHALL BE FORMED AND INCLUDE DOWEL BARS AS SPECIFIED. ALL TRANSVERSE CONSTRUCTION JOINTS SHALL BE FORMED AND INCLUDE DOWEL BARS AS SPECIFIED.</div> <div>d.</div> <div>BOND BREAKER TO BE TWO (2) UNIFORM COATS OF BITUMEN EMULSION ALL OVER THE EXPOSED SURFACE AND ON END.</div>
PJ4.	DOWELS AND TIE BARS TO MEET STRENGTH REQUIREMENTS OF STRUCTURAL GRADE STEEL IN ACCORDANCE AS. 1302. DOWELS AND TIE BARS SHALL BE : <div><div>-</div><div>STRAIGHT</div><div>-</div><div>TO LENGTH SPECIFIED</div><div>-</div><div>CLEAN AND FREE FROM MILL SCALE, RUST AND OIL.</div><div>-</div><div>SAWN TO LENGTH NOT CROPPED.</div></div>
PJ5.	DIMENSIONS OF SEALANT RESERVOIR DEPENDANT ON THE SEALANT TYPE ADOPTED. ENGINEERS APPROVAL TO BE OBTAINED FOR SEALANT AND RESERVOIR DIMENSIONS AND DETAIL PROPOSED BY THE CONTRACTOR. REFER DETAIL "B" FOR TYPICAL ARRANGEMENT AND SEALANT.
PJ6.	PRIOR TO THE PLACEMENT OF CONCRETE IN THE ADJACENT SLAB, SELF EXPANDING CORK FILLER SHALL BE ADHERED TO THE ALREADY CAST AND CLEANED CONCRETE FACE USING AN APPROVED WATERPROOF ADHESIVE. ADHESIVE SHALL BE LIBERALLY APPLIED TO THE FULL FACE OF THE CONCRETE SLAB TO BE COVERED BY THE FILLER, AND ON THE FULL FACE OF THE FILLER TO BE ADHERED.
PJ7.	REFER TO COMPACTION NOTES FOR PREPARATION OF SUB-BASE AND SUB-GRADE.
PJ8.	ALL WORK TO BE BROOM FINISH.

EROSION AND SEDIMENT CONTROL NOTES	
GENERAL INSTRUCTIONS	
E1.	THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS, AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED AND RELATING TO DEVELOPMENT AT THE SUBJECT SITE.
E2.	THE SITE SUPERINTENDENT WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS INSTRUCTED IN THIS SPECIFICATION.
E3.	ALL BUILDERS AND SUB-CONTRACTORS WILL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.
CONSTRUCTION SEQUENCE	
E4.	THE SOIL EROSION POTENTIAL ON THIS SITE SHALL BE MINIMISED. HENCE WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE : <div><div>a.</div><div>INSTALL SEDIMENT FENCES, TEMPORARY CONSTRUCTION EXIT AND SANDBAG KERB INLET SEDIMENT TRAP.</div><div>b.</div><div>UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.</div></div>
EROSION CONTROL	
E5.	DURING WINDY CONDITIONS, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
E6.	FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.
FENCING	
E7.	STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
E8.	ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
E9.	WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
E10.	TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.
OTHER MATTERS	
E11.	ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
E12.	RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN A MANNER APPROVED BY THE SITE SUPERINTENDENT.
SITE INSPECTION & MAINTENANCE	
E13.	EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AFTER RAINFALL EVENTS TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIR AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED.

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Issue.	Description	Date	Drawn	Approved	
1	2	3	4	5	6
1:1000					1:1000


Key Plan

Client
 Health Infrastructure
LEVEL 8, 77 PACIFIC HWY NORTH SYDNEY, NSW 2060 www.health.nsw.gov.au

Architect

LEVEL 1, 110 WALKER STREET, NORTH SYDNEY, NSW 2060 +61 2 9956 2666 hdnrc.com HDR Pty. Limited ABN 76 150 075 220 trading as HDR



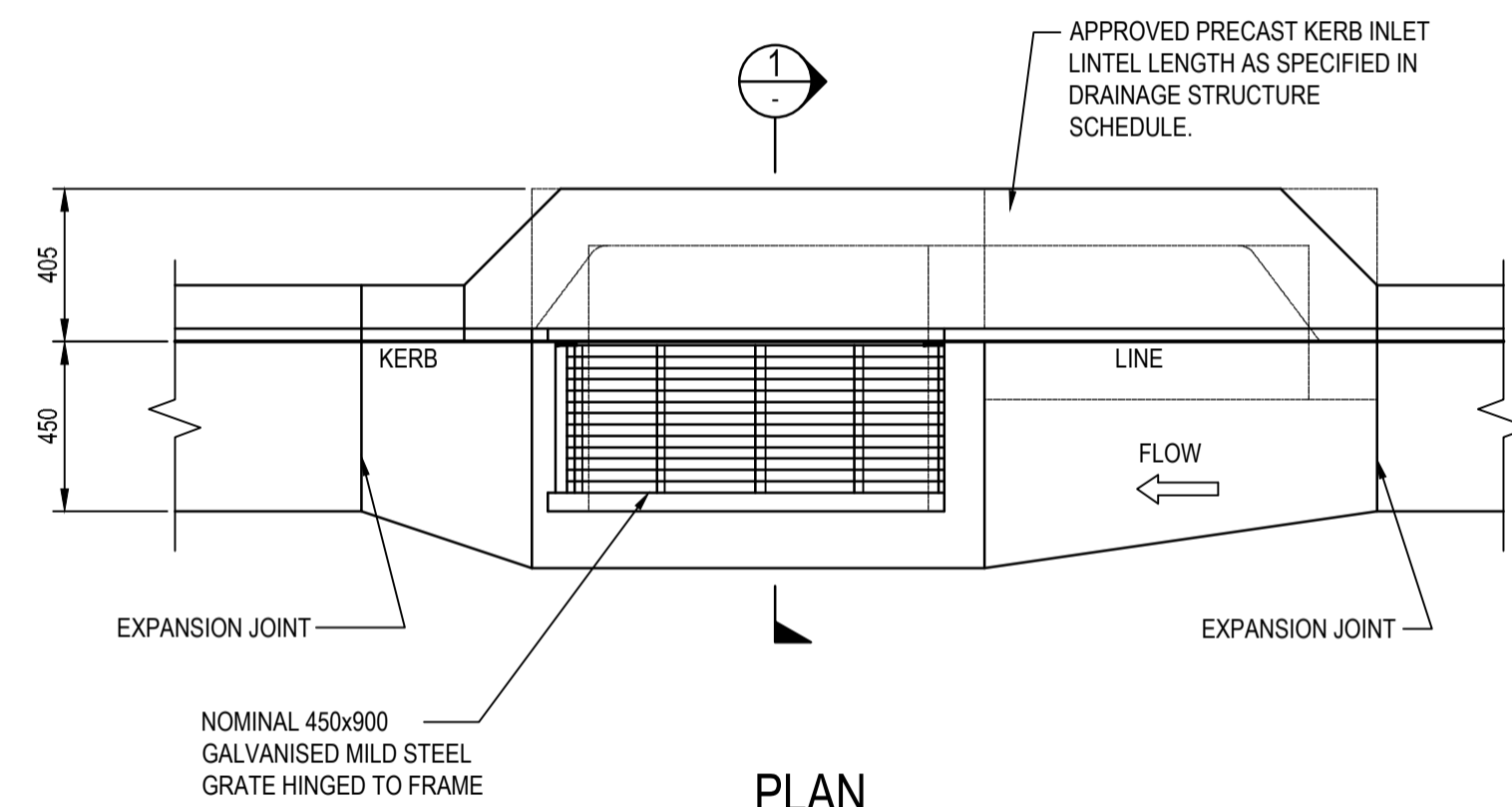
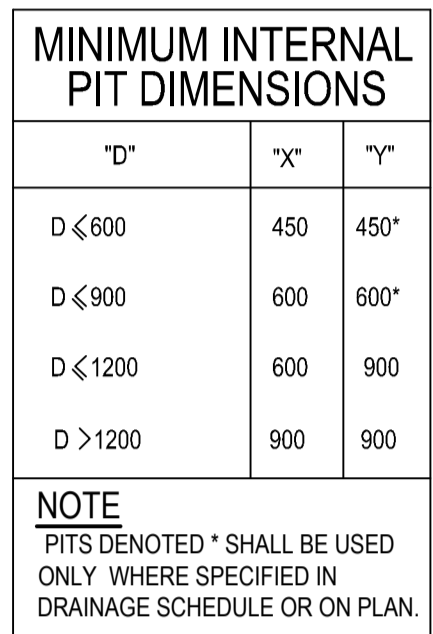
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ENGINEERS MANAGERS INFRASTRUCTURE PLANNERS DEVELOPMENT CONSULTANTS

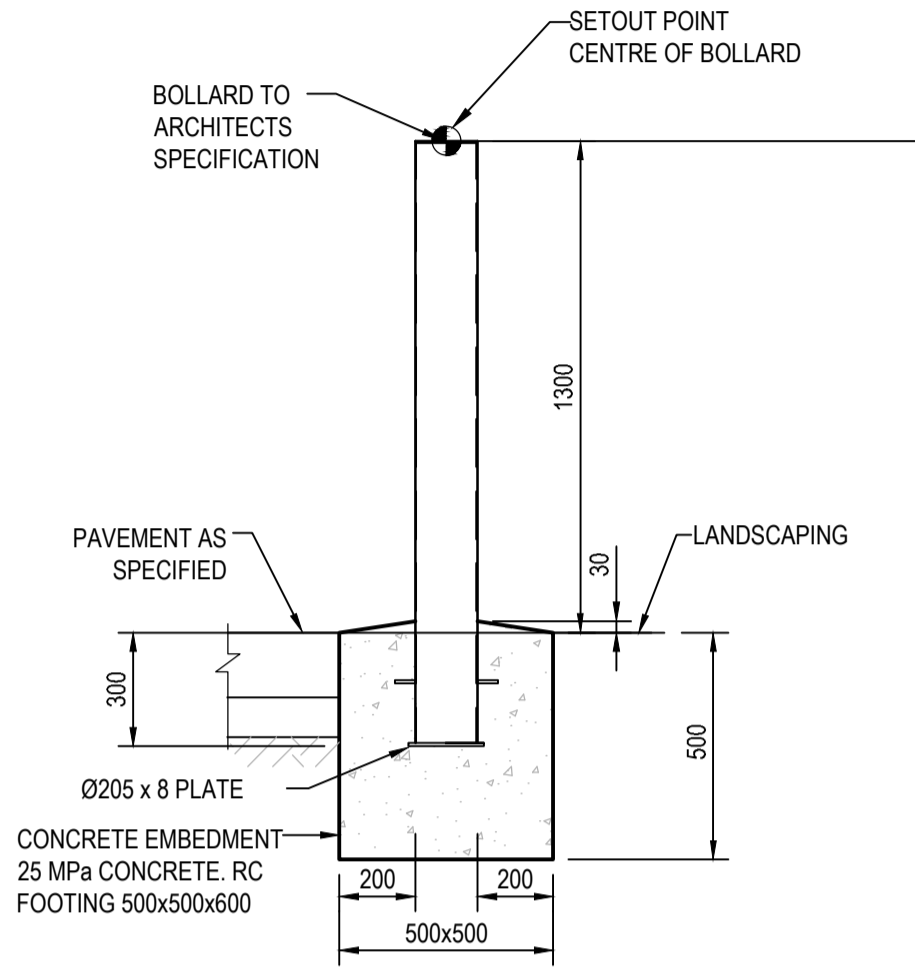
Project
THE SUTHERLAND HOSPITAL OPERATING THEATRE UPGRADE PROJECT - MAIN BUILDING WORKS
KINGSWAY & KAREENA RD, CARINGBAH NSW 2229

Drawing Title NOTES		Scale		A1	Q.A. Check		Date
Drawn	Date	N/A					
DK	Jul-20						
Designed	Project No.	SY191015		Dwg No.	Issue		
CR				CV-DG-1002	B		

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Rev. 13.2020 - 10:30pm

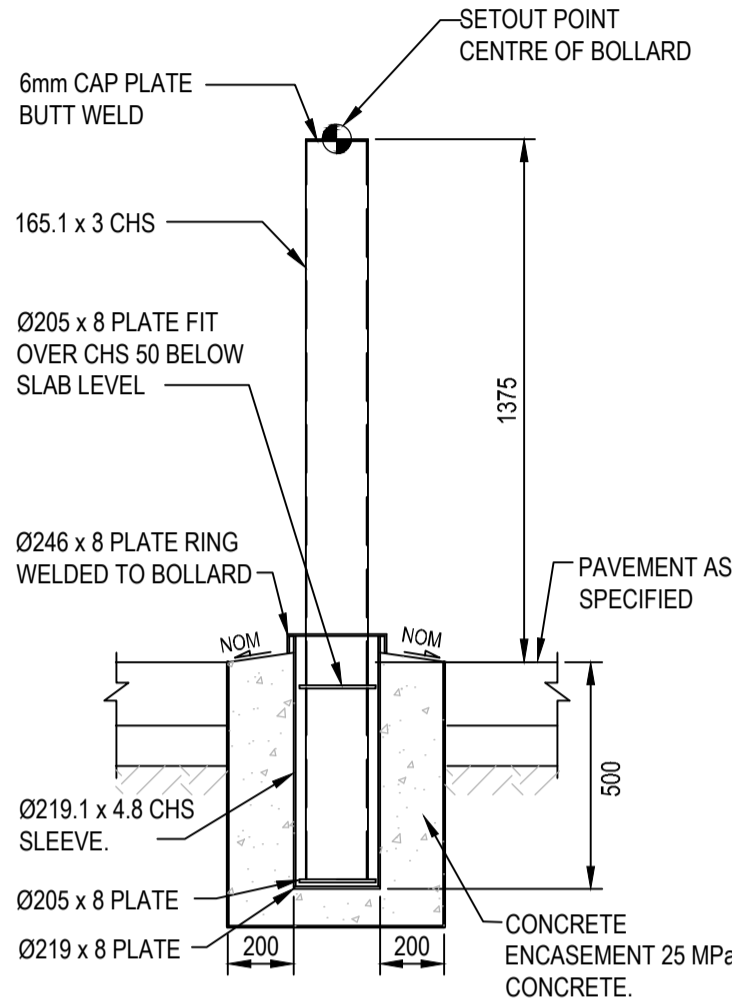




BOLLARD (B1)

NTS

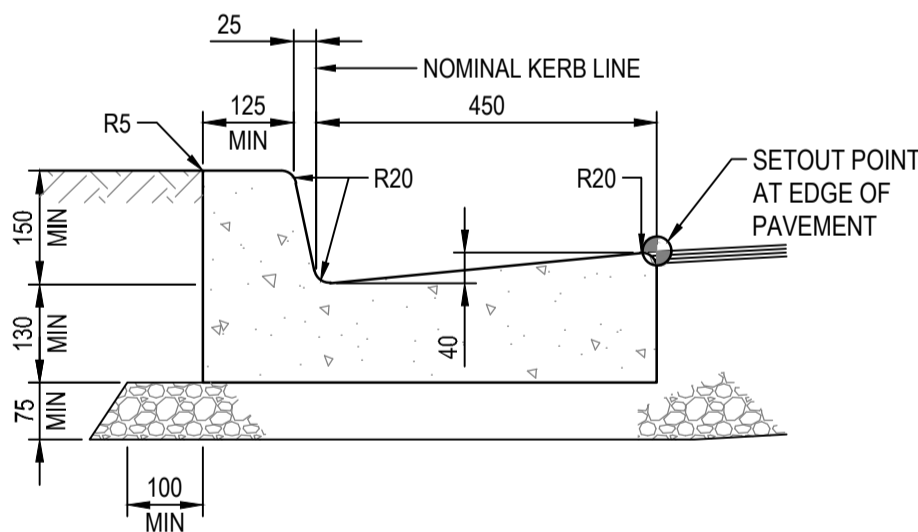
NOTE : ALL ELEMENTS TO BE HOT DIP GALVANIZED.
REFER TO CIVIL DRAWINGS FOR LOCATION. CONTRACTOR
SHALL CO-ORDINATE BOLLARDS WITH SERVICES
CONTRACTOR TO ENSURE NO INTERFERENCE WITH
PROPOSED OR EXISTING SERVICES OCCUR.



REMOVEABLE STEEL BOLLARD (B2)

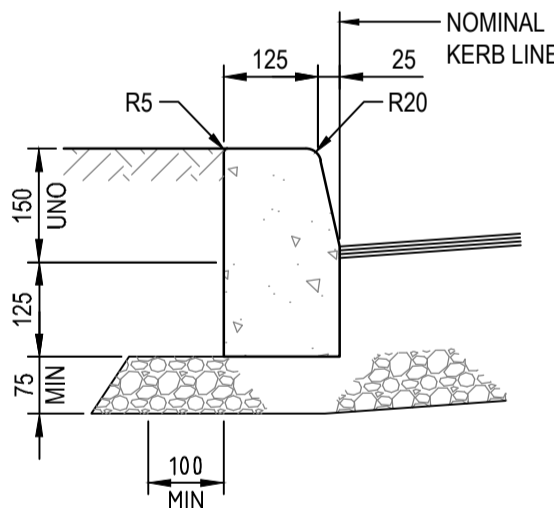
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NOTE : ALL ELEMENTS TO BE GALVANISED.
CONTRACTOR SHALL CO-ORDINATE BOLLARDS WITH SERVICES CONTRACTOR TO
ENSURE NO INTERFERENCE WITH PROPOSED OR EXISTING SERVICES OCCUR.



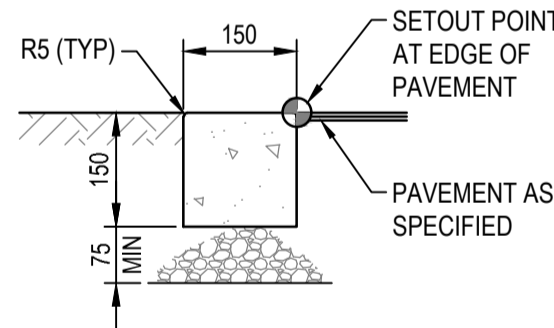
KERB & GUTTER

SCALE 1:10
SHOWN AS 'K&G'



KERB ONLY

SCALE 1:10
SHOWN AS 'K'



FLUSH KERB TYPE 1

SCALE 1:10
SHOWN AS 'FK'



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Key Plan	

Client	
	Health Infrastructure
LEVEL 8, 77 PACIFIC HWY NORTH SYDNEY, NSW 2060 www.health.nsw.gov.au	

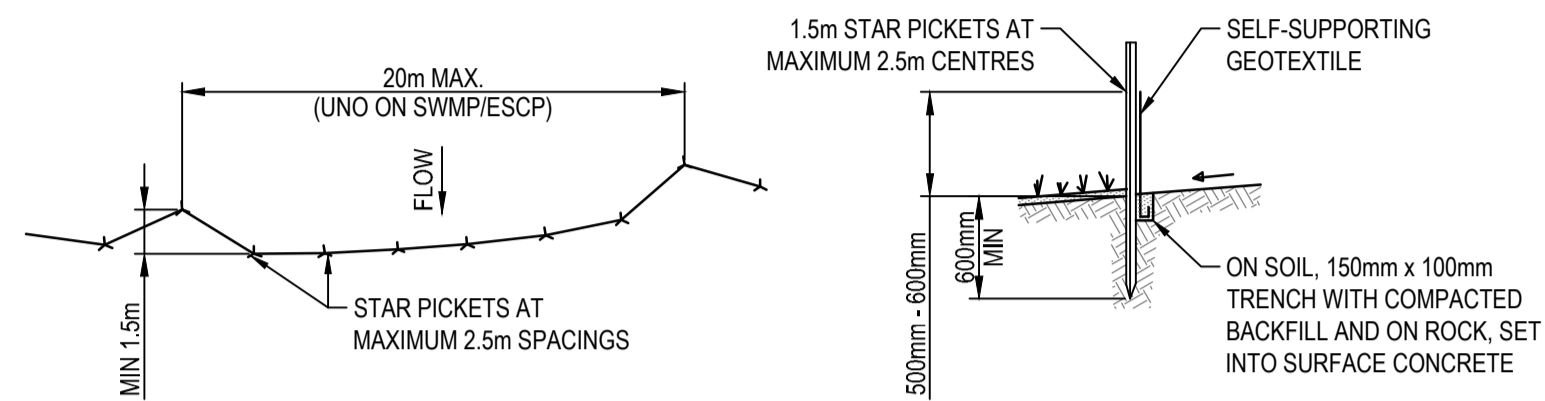
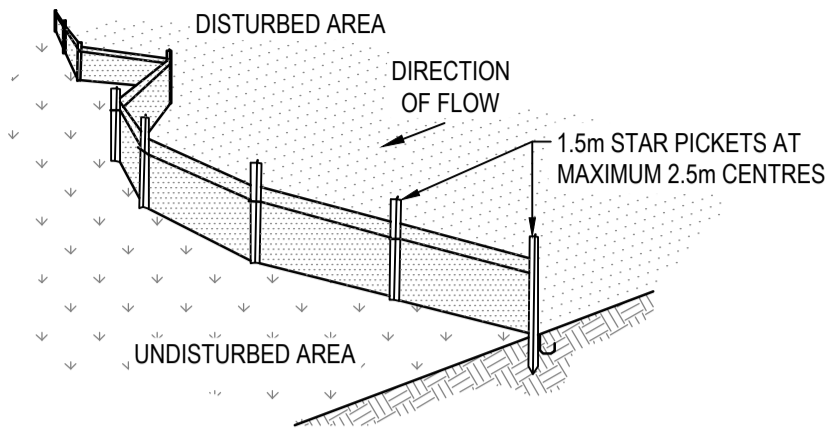
Architect	
	HDR
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Project	
Suite 2, Level 1, 33 Herbert Street St Leonards NSW 2065 T +61 2 9438 5098	
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Drawing Title					
DETAILS					
SHEET 2					
Drawn	Date	Scale	A1	Q.A. Check	Date
DK	Jul-20	AS SHOWN			
Designed	Project No.		Drawn No.	Issue	
CR	SY191015		CV-DG-1006	B	

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PLAN

SECTION DETAIL

CONSTRUCTION NOTES

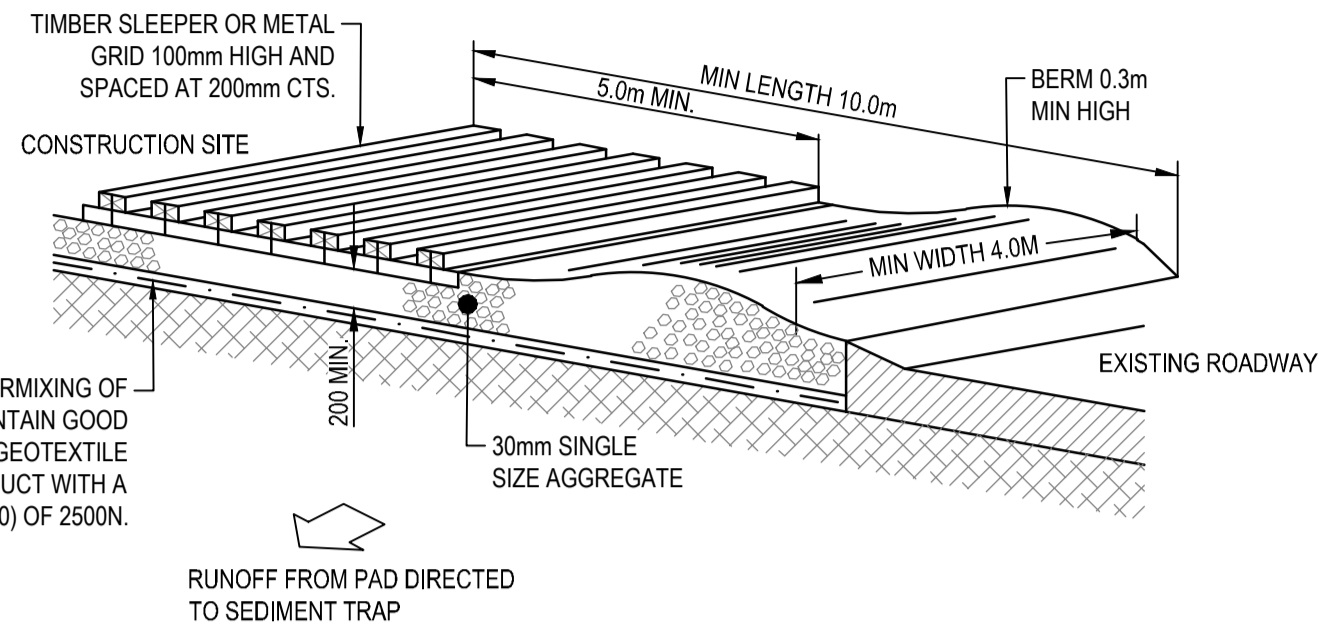
1. CONSTRUCT SEDIMENT FENCE AS CLOSE AS POSSIBLE TO PARALLEL TO THE CONTOURS OF THE SITE.
2. DRIVE 1.5m LONG STAR PICKETS INTO GROUND, 2.5 METRES APART (MAX). ENSURE STAR PICKETS ARE FITTED WITH SAFETY CAPS.
3. DIG A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
4. BACKFILL TRENCH OVER BASE OF FABRIC.
5. FIX SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANUFACTURER.
6. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.

SEDIMENT CONTROL FENCE

N.T.S.

NOTE
ENSURE THAT ALL UTILITY ASSETS ARE MAINTAINED AND PROTECTED AT ALL TIMES IN THE VICINITY OF THE TEMPORARY CONSTRUCTION EXIT

GEOTEXTILE FABRIC DESIGNED TO PREVENT INTERMIXING OF SUBGRADE AND BASE MATERIALS AND TO MAINTAIN GOOD PROPERTIES OF THE SUB-BASE LAYERS. THE GEOTEXTILE MAY BE WOVEN OR NEEDLE PUNCHED PRODUCT WITH A MINIMUM CBR BURST STRENGTH (AS3706.4-90) OF 2500N.



CONSTRUCTION NOTES

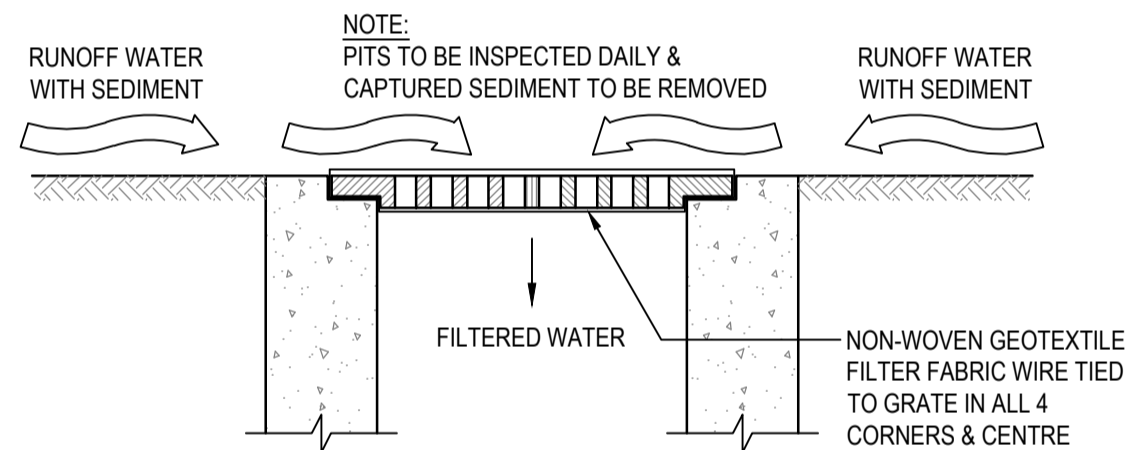
1. STRIP TOPSOIL AND LEVEL SITE.
2. COMPACT SUBGRADE.
3. COVER AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
4. CONSTRUCT 200mm THICK PAD OVER GEOTEXTILE USING 30mm SINGLE SIZE AGGREGATE.
5. CONSTRUCT HUMP IMMEDIATELY WITHIN BOUNDARY TO DIVERT WATER TO A SEDIMENT FENCE OR OTHER SEDIMENT TRAP WHERE THE SEDIMENT IS COLLECTED AND REMOVED.

MAINTENANCE NOTES

THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH PREVENTS TRACKING OR FLOWING OF SEDIMENT OFF THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL GRAVEL AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED OFF THE CONSTRUCTION SITE MUST BE REMOVED IMMEDIATELY.

TEMPORARY STABILISED CONSTRUCTION EXIT

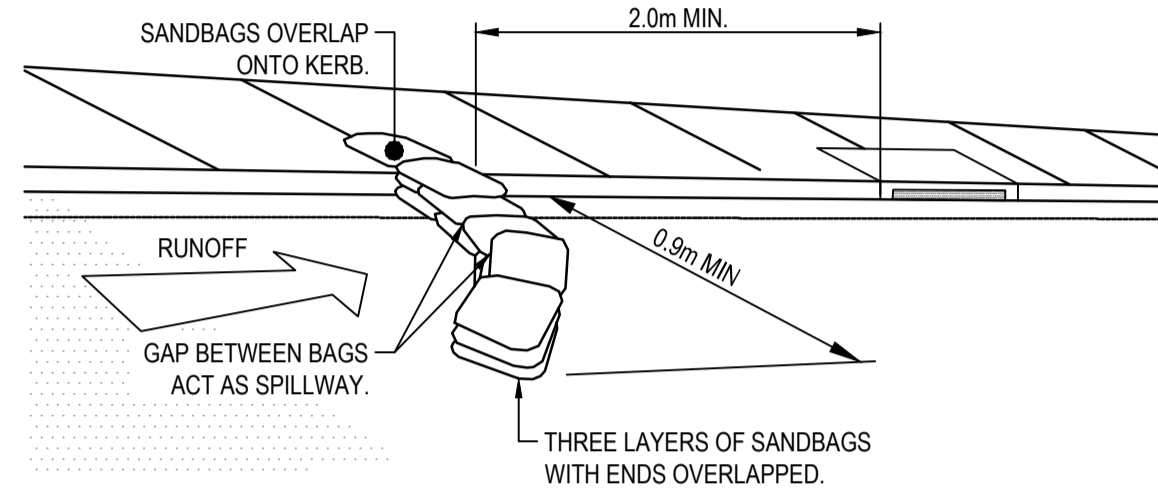
N.T.S.



INLET TRAP

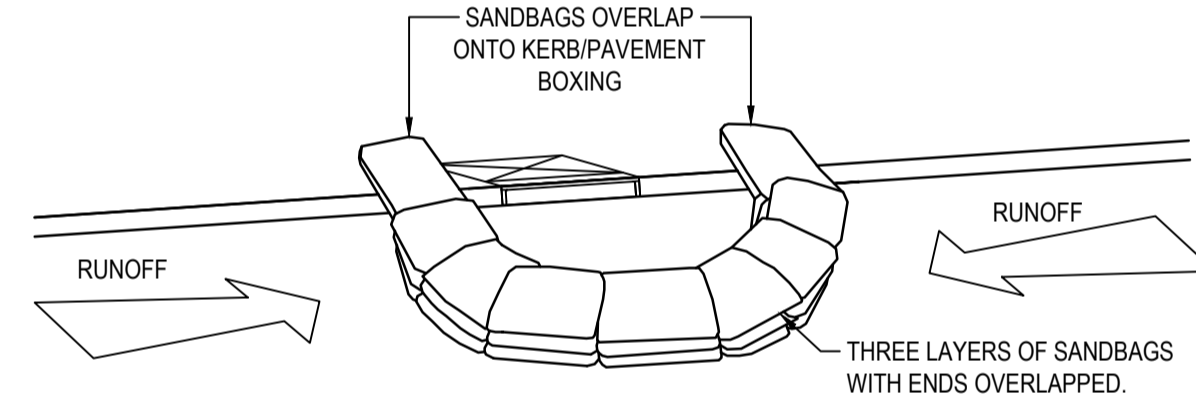
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NOTE
TO BE USED IN PAVED AREAS WHERE TRAFFIC ACCESS IS REQUIRED

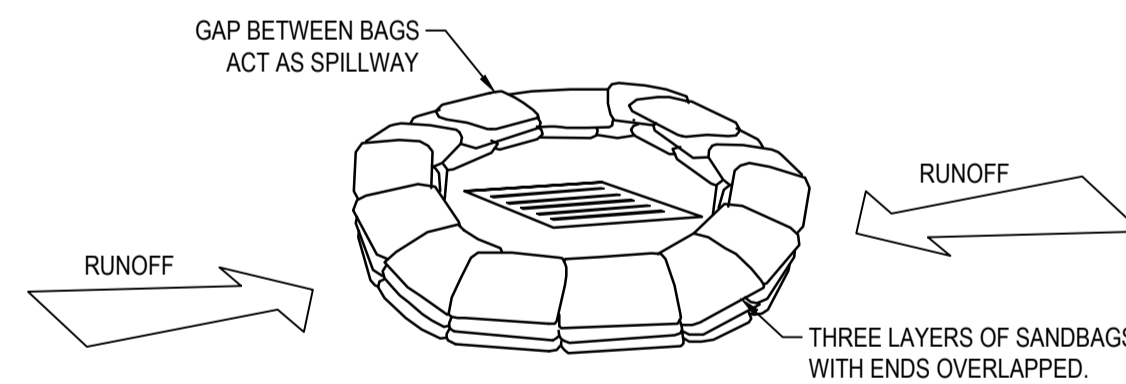


SANDBAG KERB INLET SEDIMENT TRAP

N.T.S.



SANDBAG SEDIMENT TRAP - AT KERB SAG PIT



SANDBAG SEDIMENT TRAP - AT OTHER THAN KERB SAG PIT

SANDBAG SEDIMENT TRAP DETAILS

NTS



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Granted on: 12 October 2021 Sheet: 51 of 53


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A	ISSUE FOR SCHEMATIC DESIGN	07.08.20	DK	CR		
Issue	Description	Date	Drawn	Approved		
1:1	0	10m at full scale				




Health
Infrastructure

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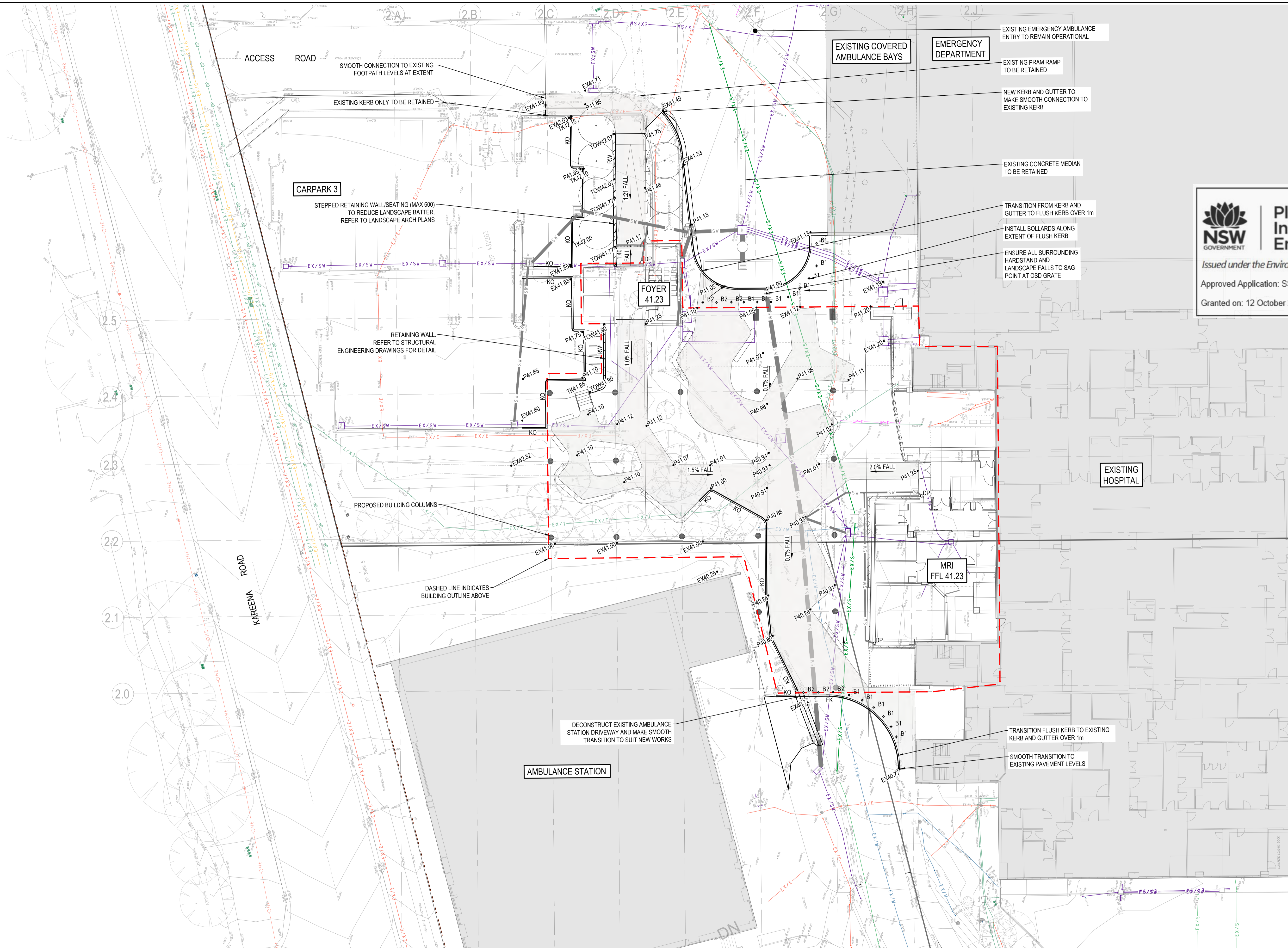
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Project
THE SUTHERLAND HOSPITAL OPERATING
THEATRE UPGRADE PROJECT -
MAIN BUILDING WORKS
KINGSWAY & KAREENA RD,
CARINGBAH NSW 2229

Drawing Title DETAILS SHEET 3					
Drawn	Date	Scale	A1	Q.A. Check	Date
DK	Jul-20	AS SHOWN			
Designed	Project No.	Drawn No.	Issue		
CR	SY191015	CV-DG-1007	B		

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- NOTES:**
1. REFER TO DRAWING CV-DG-3100 STORMWATER MANAGEMENT PLAN FOR STORMWATER WORKS.
 2. EXISTING SERVICES HAVE BEEN PLOTTED FORM SUPPLIED DATA:
 - REFER TO JOB No. 200599 PLAN No 0003, COMPLETED BY RICHARD ABBOTT REGISTERED SURVEYOR N° 9057, DATED 08/05/2020.
 - REFER TO "MQSPSYD100-NHI-SH-PL-SERV-0001" COMPLETED BY MACQUARIE SURVEY Pty Ltd, DATED 07/10/20
 3. ON-SITE DETENTION AND TRUNK DRAINAGE LINE TO BE CONSTRUCTED AS PART OF INFRASTRUCTURE UPGRADE WORKS AS APPROVED UNDER REF.
 4. REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR LANDSCAPE FINISHES AND DETAILS.



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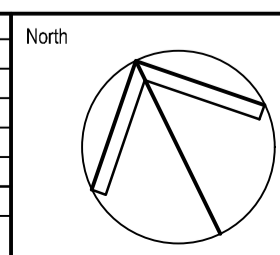
Granted on: 12 October 2021

Sheet: 51 of 53

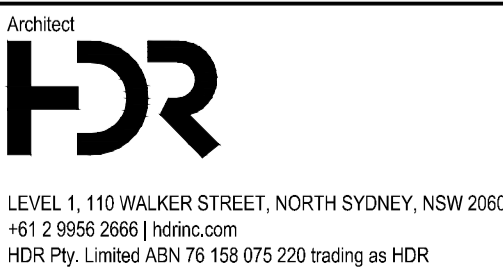
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A	ISSUE FOR SCHEMATIC DESIGN	07.08.20	DK	CR



Key Plan



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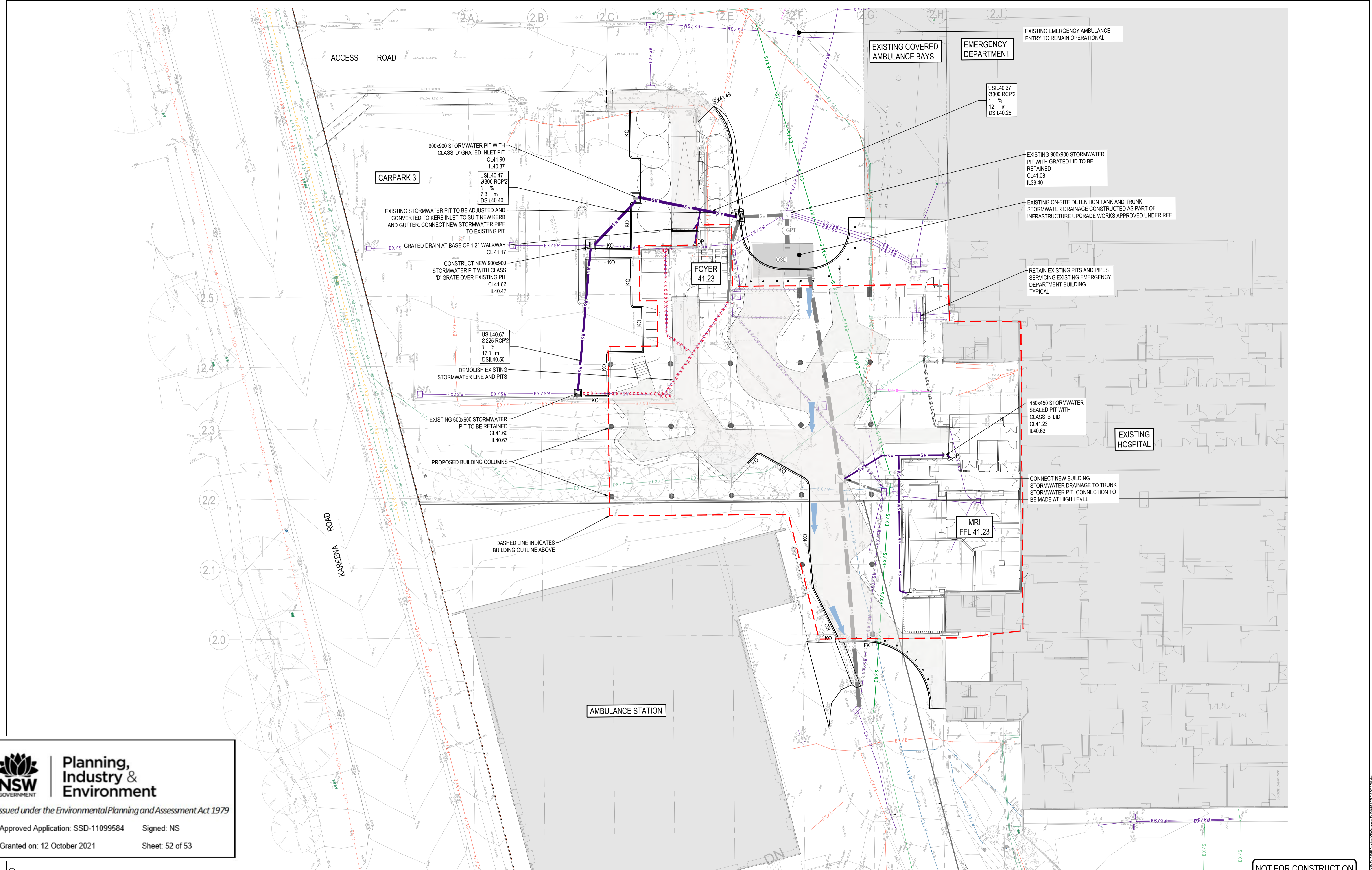


Project
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Drawing Title
CIVIL WORKS PLAN

Drawn	Date	Scale	A1	Q.A. Check	Date
DK	Jul-20	1:200			
Designed	Project No.	Dwg No.	Issue		
CR	SY191015	CV-DG-3001	C		

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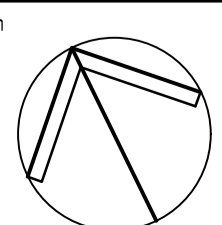
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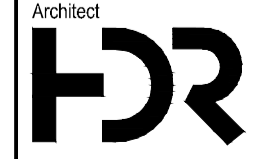
North






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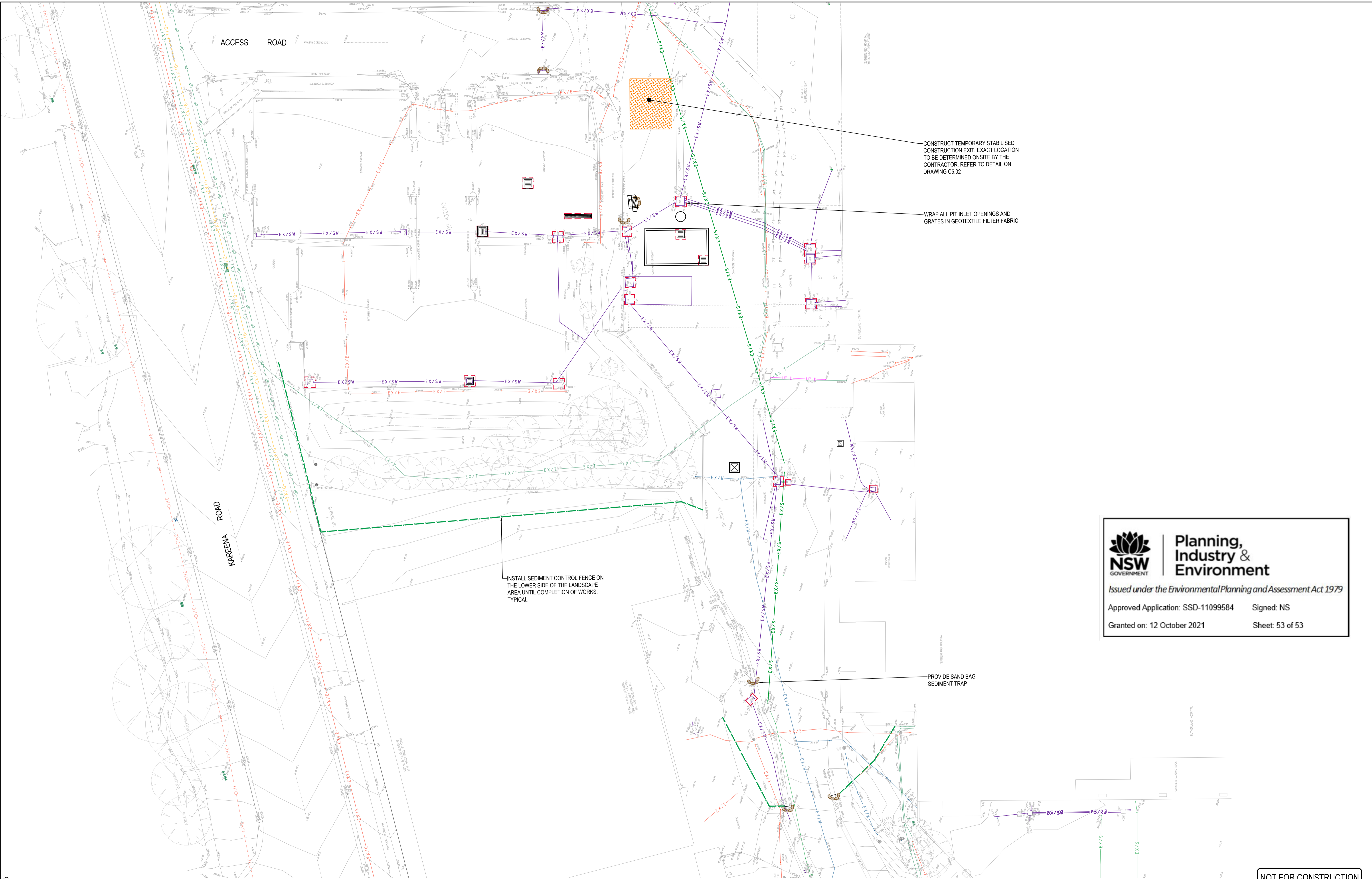
Project
**THE SUTHERLAND HOSPITAL OPERATING
THEATRE UPGRADE PROJECT -
MAIN BUILDING WORKS**
KINGSWAY & KAREENA RD,
CARINGBAH NSW 2229

Drawing Title STORMWATER MANAGEMENT PLAN			
Drawn	Date	Scale	A1
DK	Jul-20	1:200	
Designed	Project No.		
CR	SY191015		

Q.A. Check	Date

Divg No.	Issue
CV-DG-3100	A

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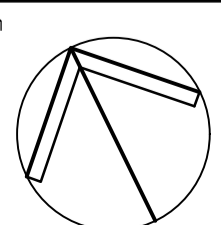
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Issue	Description	Date	Drawn	Approved		




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Project
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Drawing Title SOIL EROSION AND SEDIMENT CONTROL PLAN					
Drawn	Date	Scale	A1	Q.A. Check	Date
DK	Jul-20	1:200			
Designed	Project No.	Divg No.		Issue	
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