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9/56 ANTOISCHKA TICHOSKY
1/15 JULIAN ASHTON
7/63 MATTHEW BEAR
1/11 PHILIP PROSSERSON
4/97 JAMES GROSE
Telephone +61 2 8297 7200
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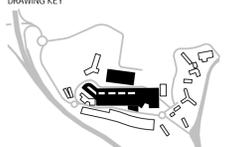
ISSUE	DATE	FOR
1	05-03-2021	FOR INFORMATION
2	14-05-2021	FINAL FOR SSDA

PROJECT MANAGER
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ARCHITECT
BVN
TEL: 02 8297 7200
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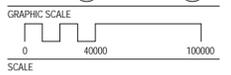


PROJECT
JOHN HUNTER HEALTH &
INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER

1904010
DRAWING KEY



TRUE NORTH PROJECT NORTH

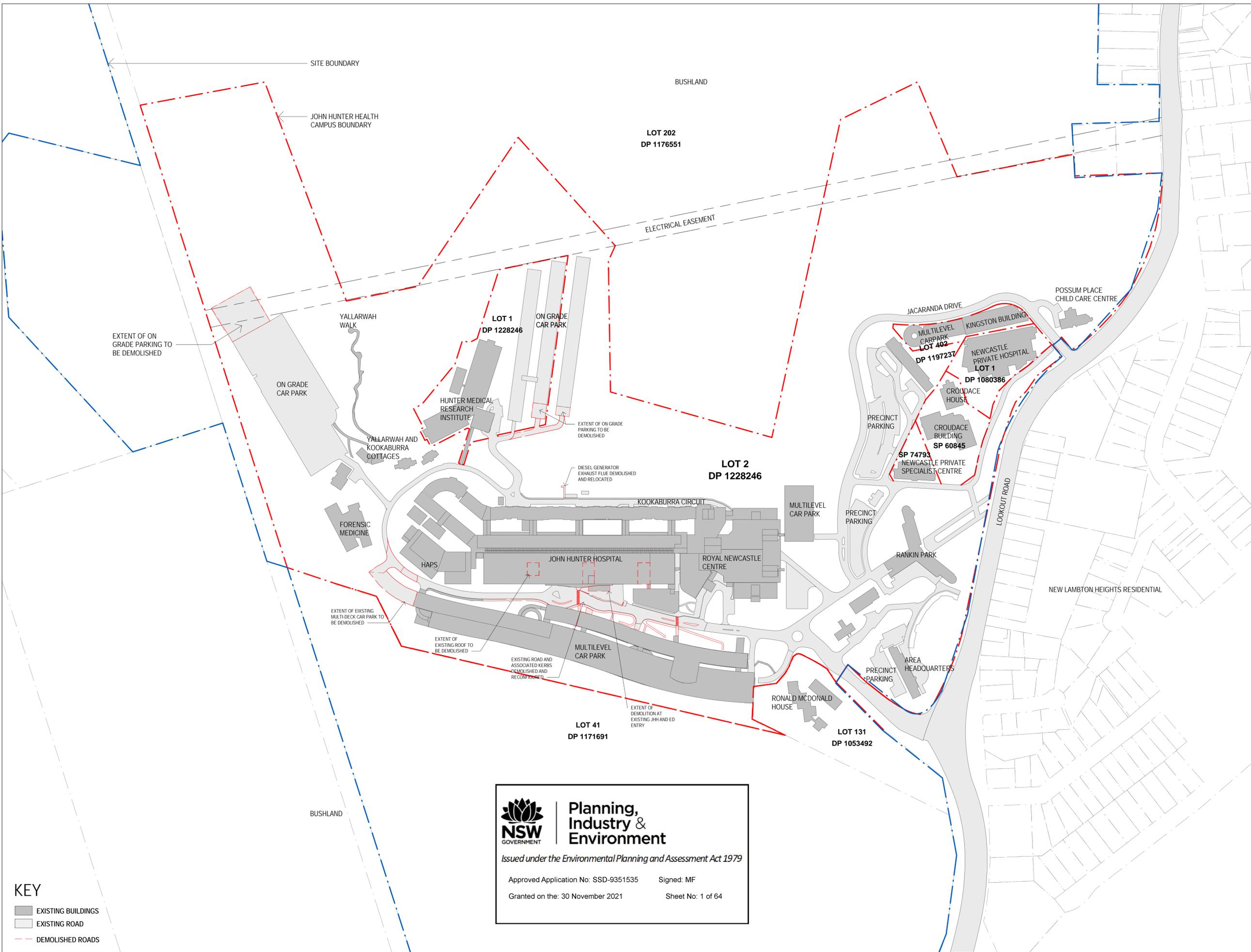


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STATUS

DRAWING

DEMOLITION - SITE PLAN

AR_CO-A21 NL-X0 2



KEY
 ■ EXISTING BUILDINGS
 ■ EXISTING ROAD
 - - - DEMOLISHED ROADS

Planning, Industry & Environment
 Issued under the Environmental Planning and Assessment Act 1979
 Approved Application No: SSD-9351535 Signed: MF
 Granted on the: 30 November 2021 Sheet No: 1 of 64



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Health Infrastructure
HEALTH INFRASTRUCTURE, NSW
CLIENT NUMBER

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Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER

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DRAWING KEY



TRUE NORTH PROJECT NORTH



GRAPHIC SCALE

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STATUS

DRAWING

SSDA

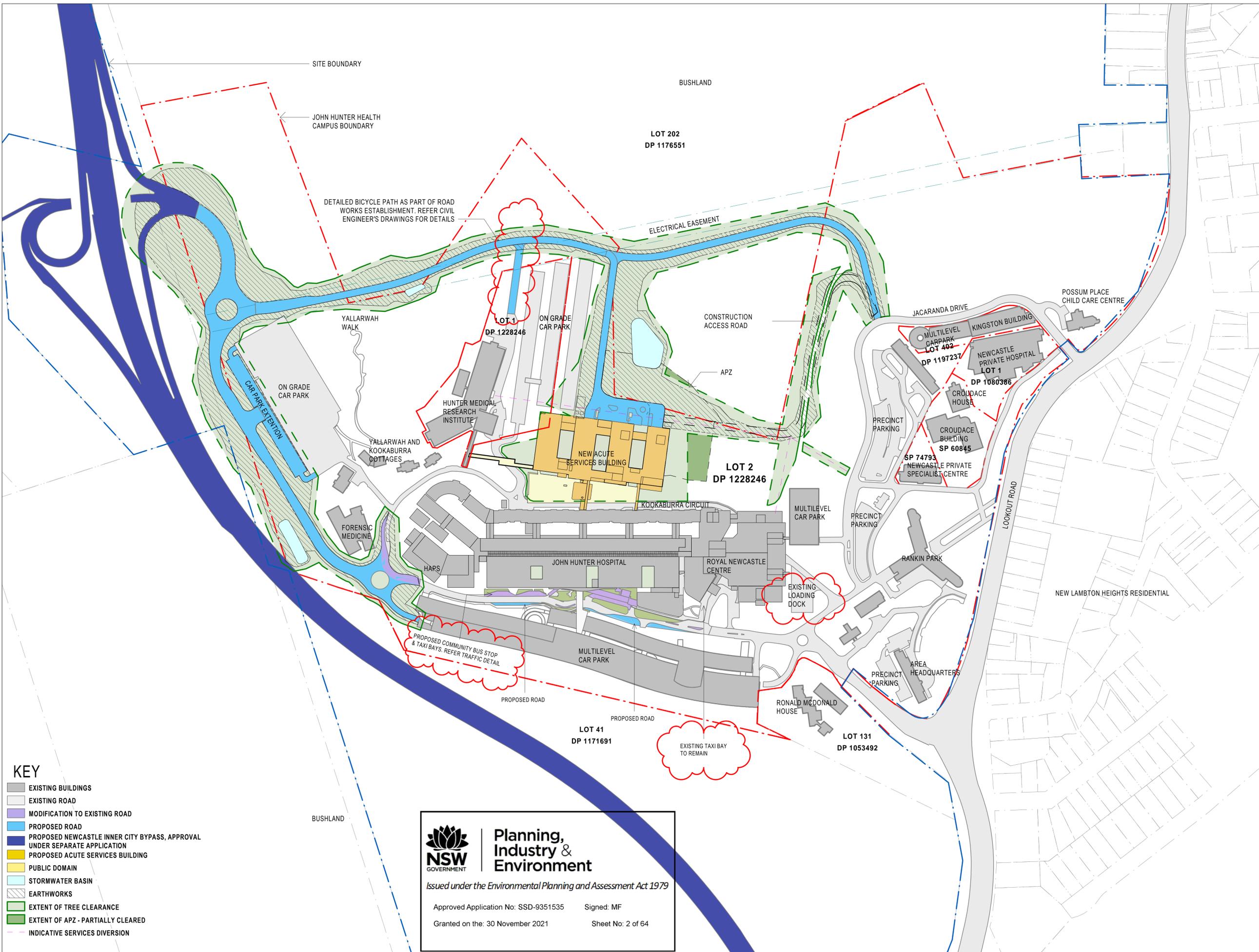
PROPOSED SITE PLAN -

NORTH ROAD EAST PHASE

ISSUE

AR_C0-A22 NL-X0

7



- KEY**
- EXISTING BUILDINGS
 - EXISTING ROAD
 - MODIFICATION TO EXISTING ROAD
 - PROPOSED ROAD
 - PROPOSED NEWCASTLE INNER CITY BYPASS, APPROVAL UNDER SEPARATE APPLICATION
 - PROPOSED ACUTE SERVICES BUILDING
 - PUBLIC DOMAIN
 - STORMWATER BASIN
 - EARTHWORKS
 - EXTENT OF TREE CLEARANCE
 - EXTENT OF APZ - PARTIALLY CLEARED
 - INDICATIVE SERVICES DIVERSION

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DRAWING KEY



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SCALE

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STATUS

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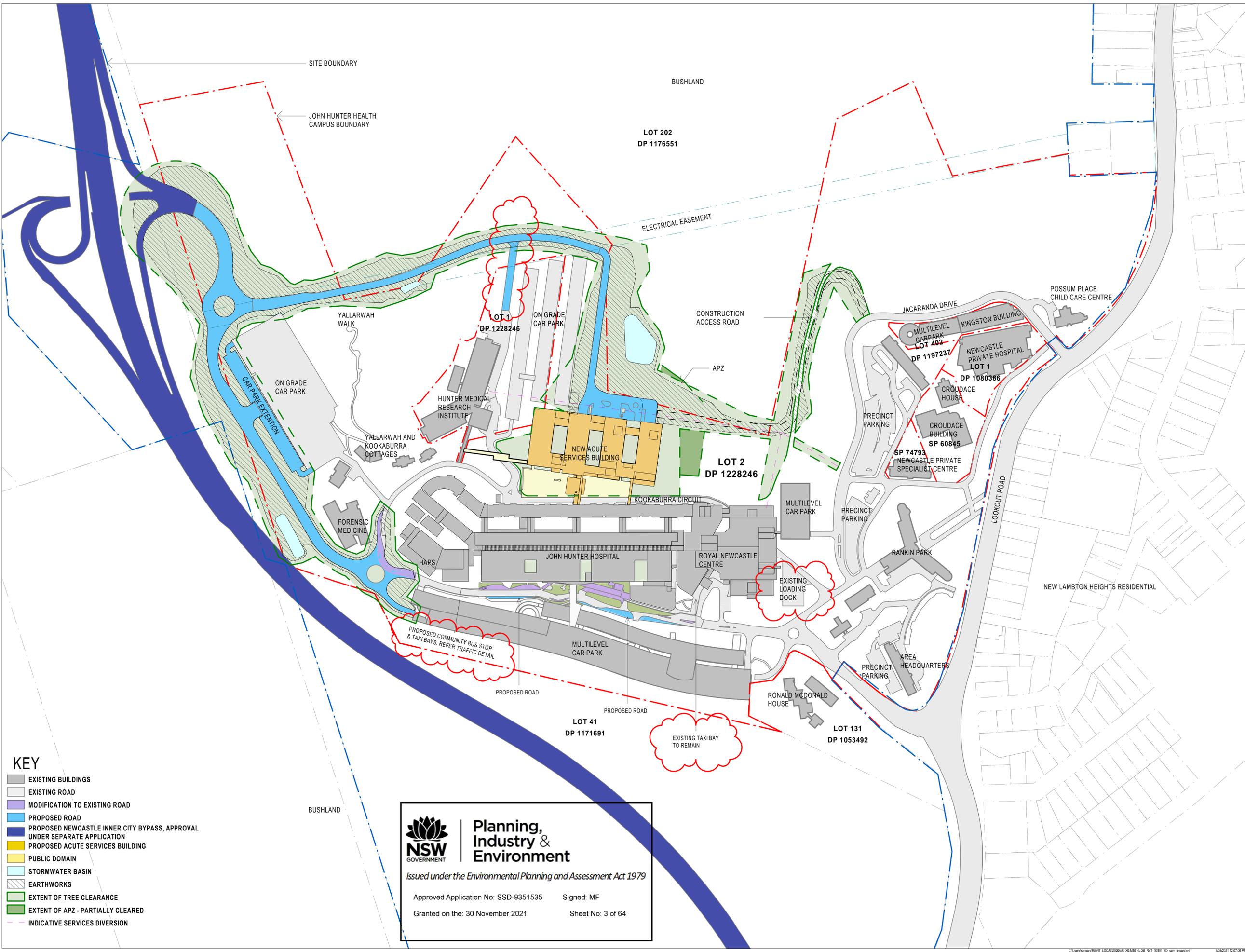
SSDA

PROPOSED SITE PLAN -
INITIAL PHASE

ISSUE

AR_C0-A22-NL-X1

6



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- PUBLIC LIFTS
- BOH CIRCULATION
- BOH LIFTS
- DEPARTMENT
- NEW RETAIL
- PLANT
- COURTYARD / TERRACE
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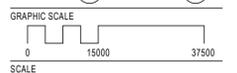
 HEALTH INFRASTRUCTURE, NSW
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1904010
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TRUE NORTH PROJECT NORTH

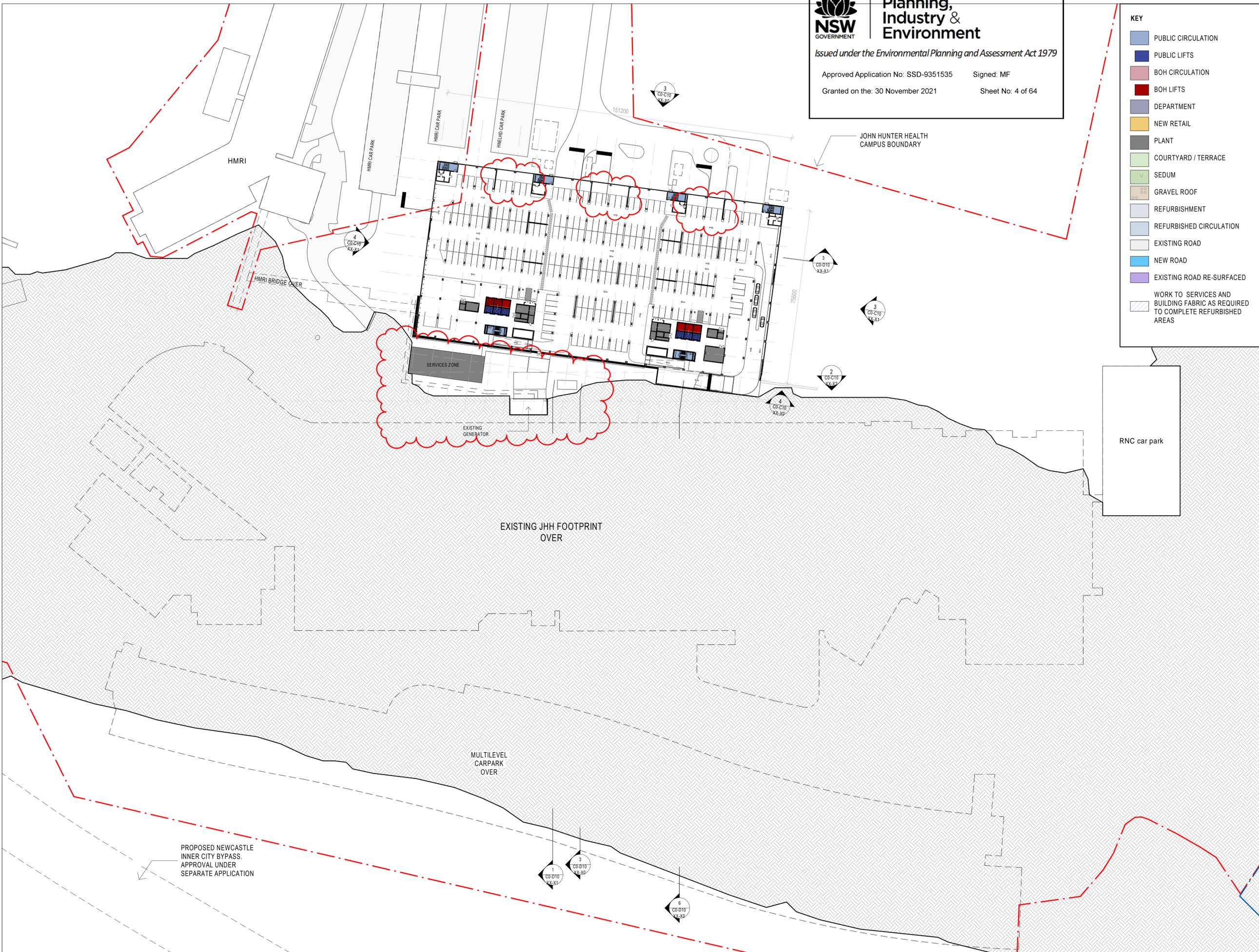


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BASEMENT LEVEL 1 FLOOR PLAN

ISSUE
 AR_C0-B10 B1-00 7





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HEALTH INFRASTRUCTURE, NSW
CLIENT NUMBER

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Lookout Rd, New Lambton Heights NSW 2305
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TRUE NORTH PROJECT NORTH

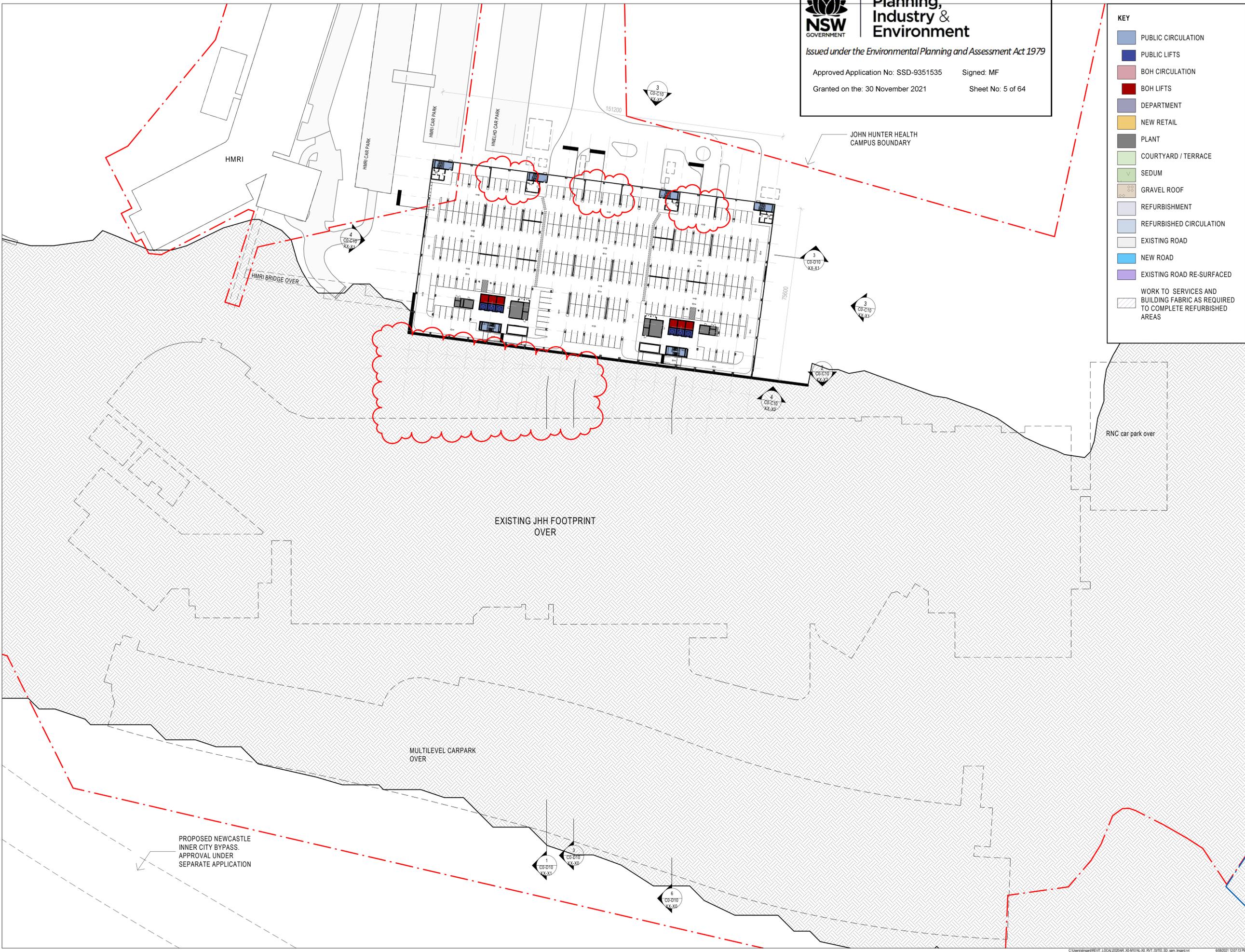
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STATUS

DRAWING
SSDA

BASEMENT LEVEL 2 FLOOR PLAN

ISSUE
AR_C0-B10 B2-00 7





KEY

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- PUBLIC LIFTS
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ARCHITECT
 BVN
 TEL: 02 8297 7200

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 NORTHROP ENGINEERS
 TEL: 02 4943 1777

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 TEL: 02 8233 9900

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 HEALTH INFRASTRUCTURE, NSW
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 Lookout Rd, New Lambton Heights NSW 2305
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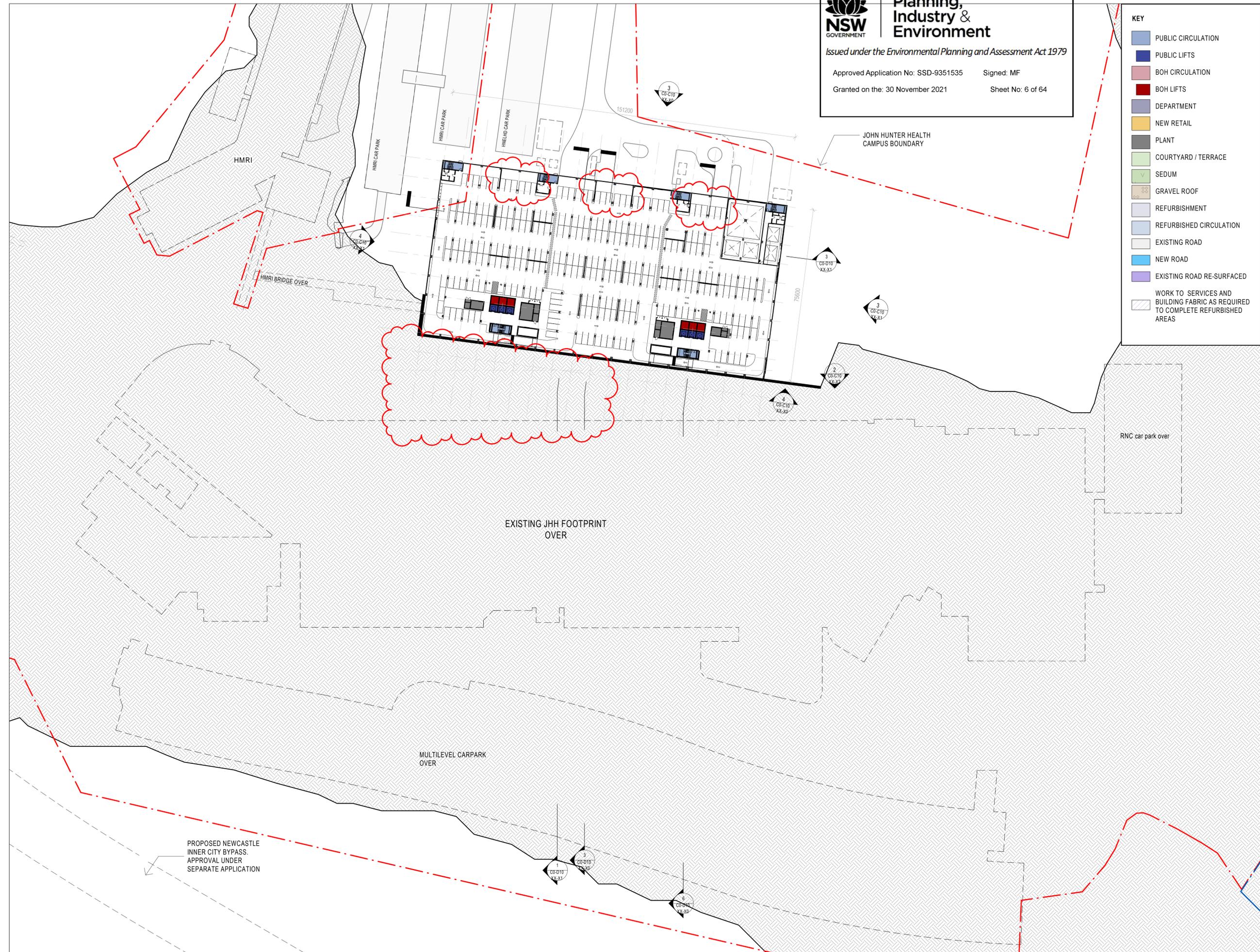
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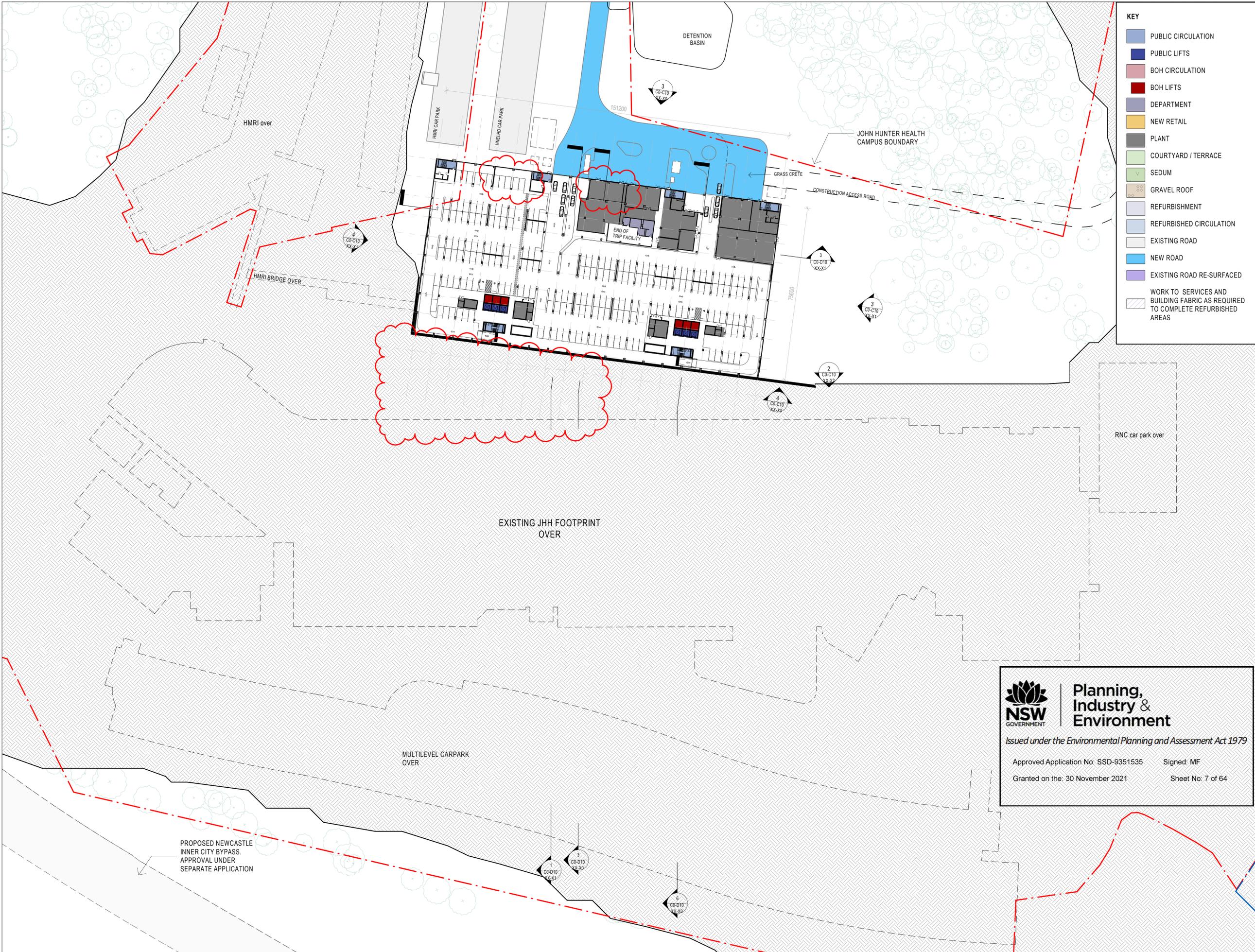
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BASEMENT LEVEL 3 FLOOR PLAN

ISSUE
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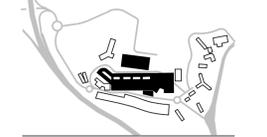
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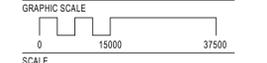


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 BVN PROJECT NUMBER

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 DRAWING KEY



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1:750@A1 1:1500@A3
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BASEMENT LEVEL 4 FLOOR PLAN

ISSUE
 AR_C0-B10 B4-00 7

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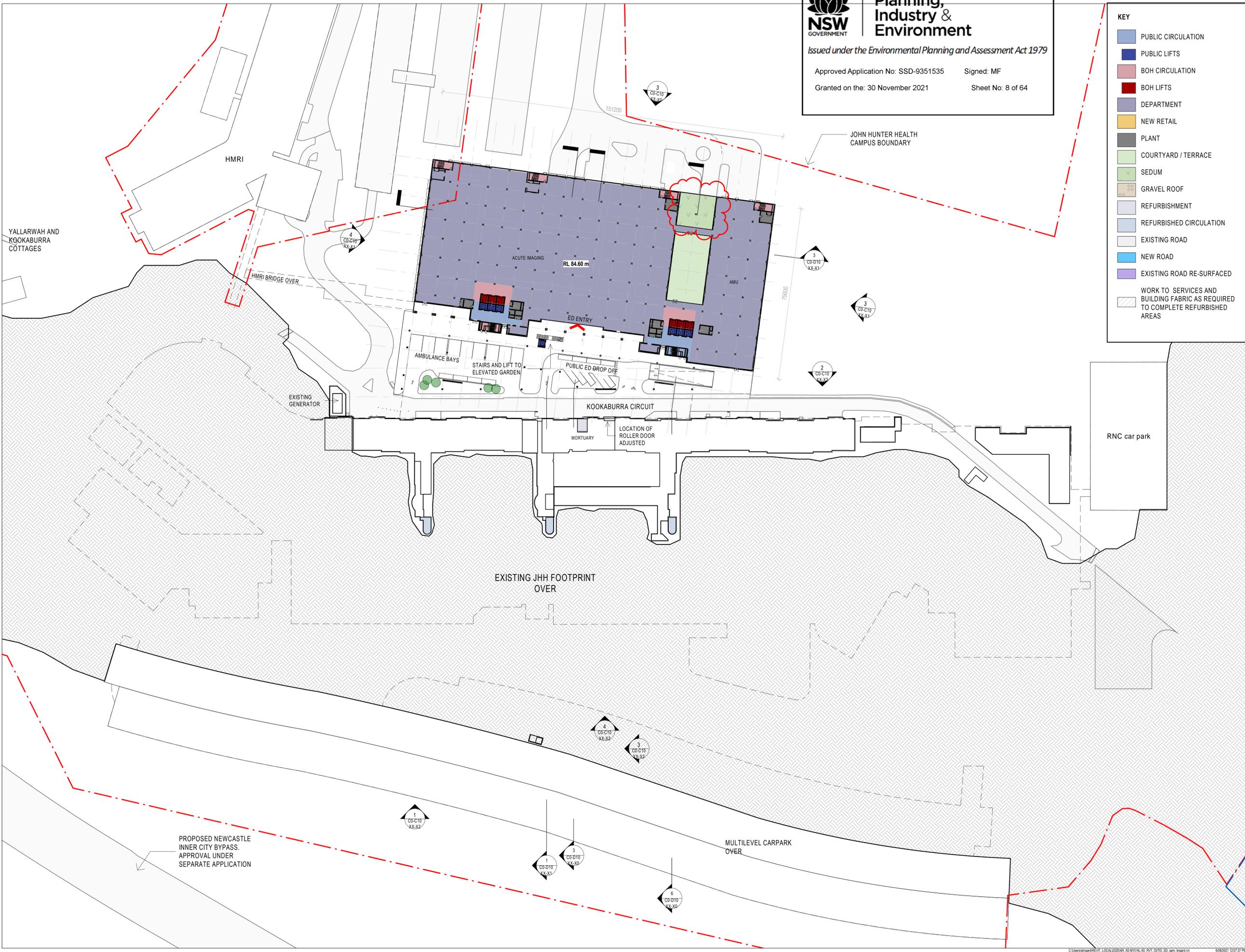
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STATUS

DRAWING
 SSDA

LEVEL 0 - FLOOR PLAN

AR_C0-B10 L0-00 7





Planning, Industry & Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535

Signed: MF

Granted on the: 30 November 2021

Sheet No: 9 of 64

KEY

- PUBLIC CIRCULATION
 - PUBLIC LIFTS
 - BOH CIRCULATION
 - BOH LIFTS
 - DEPARTMENT
 - NEW RETAIL
 - PLANT
 - COURTYARD / TERRACE
 - SEDUM
 - GRAVEL ROOF
 - REFURBISHMENT
 - REFURBISHED CIRCULATION
 - EXISTING ROAD
 - NEW ROAD
 - EXISTING ROAD RE-SURFACED
- WORK TO SERVICES AND BUILDING FABRIC AS REQUIRED TO COMPLETE REFURBISHED AREAS



NSW ARCHITECTS REGISTRATION BOARD / NOMINATED ARCHITECTS
 4501 ARBE GALVIN
 936 ANTOISCHKA TICHONSKY
 1115 JULIAN ASHTON
 763 MATTHEW BLAIR
 1111 PHILIP BRIDGEMAN
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4	09-03-2021	FOR INFORMATION
5	16-03-2021	FOR INFORMATION
6	01-04-2021	SSDA
7	14-05-2021	FINAL FOR SSDA

PROJECT MANAGER
 APP Corporation Pty Ltd
 TEL: 02 9957 6211

ARCHITECT
 BVN
 TEL: 02 8297 7200
 STRUCTURAL & CIVIL CONSULTANT
 NORTHROP ENGINEERS
 TEL: 02 4943 1777

ELECTRICAL & MECHANICAL CONSULTANT
 STEESEN VARMING PTY LTD
 TEL: 02 9967 2200

HYDRAULIC & NET FIRE CONSULTANT
 WARREN SMITH & PARTNERS
 TEL: 02 9299 1312

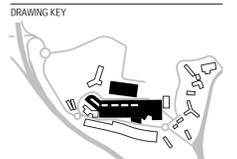
LANDSCAPE CONSULTANT
 URBIS LANDSCAPE
 TEL: 02 8233 9900

CLIENT

 HEALTH INFRASTRUCTURE, NSW
 CLIENT NUMBER

PROJECT
 JOHN HUNTER HEALTH & INNOVATION PRECINCT
 Lookout Rd, New Lambton Heights
 NSW 2305
 BVN PROJECT NUMBER

1904010



TRUE NORTH PROJECT NORTH



GRAPHIC SCALE
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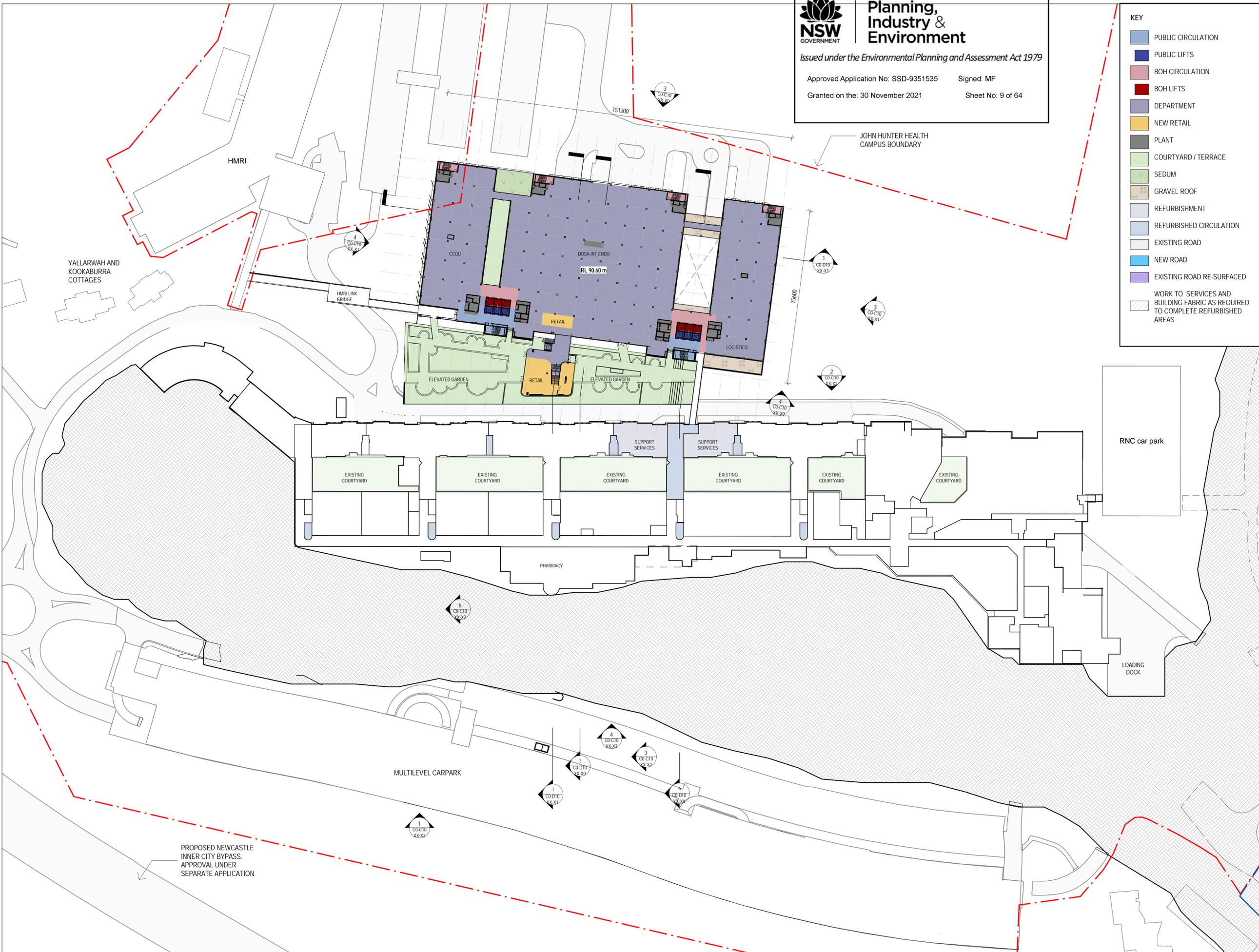
DRAWING
 SSDA

LEVEL 1 - FLOOR PLAN

AR_CO-B10 L1-00

ISSUE

7





Planning, Industry & Environment

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Approved Application No: SSD-9351535 Signed: MF

Granted on the: 30 November 2021 Sheet No: 11 of 64

KEY

- PUBLIC CIRCULATION
- PUBLIC LIFTS
- BOH CIRCULATION
- BOH LIFTS
- DEPARTMENT
- NEW RETAIL
- PLANT
- COURTYARD / TERRACE
- SEDUM
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NOMINATED ARCHITECTS
4801 ARBE GALVIN
936 MORTSCHLAG TITCHKOSKY
1115 JULIAN ASHTON
760 MATTHEW BLAIR
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PROJECT MANAGER
APP Corporation Pty Ltd
TEL: 02 9957 6211

ARCHITECT
BVN
TEL: 02 8297 7200
STRUCTURAL & CIVIL CONSULTANT
NORTHROP ENGINEERS
TEL: 02 4943 1777

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TEL: 02 9967 2200

HYDRAULIC & NET FIRE CONSULTANT
WARREN SMITH & PARTNERS
TEL: 02 9299 1312

LANDSCAPE CONSULTANT
URBIS LANDSCAPE
TEL: 02 8233 9900

CLIENT



PROJECT
JOHN HUNTER HEALTH & INNOVATION PRECINCT
Lookout Rd, New Lambton Heights NSW 2305
BVN PROJECT NUMBER

1904010
DRAWING KEY



TRUE NORTH PROJECT NORTH

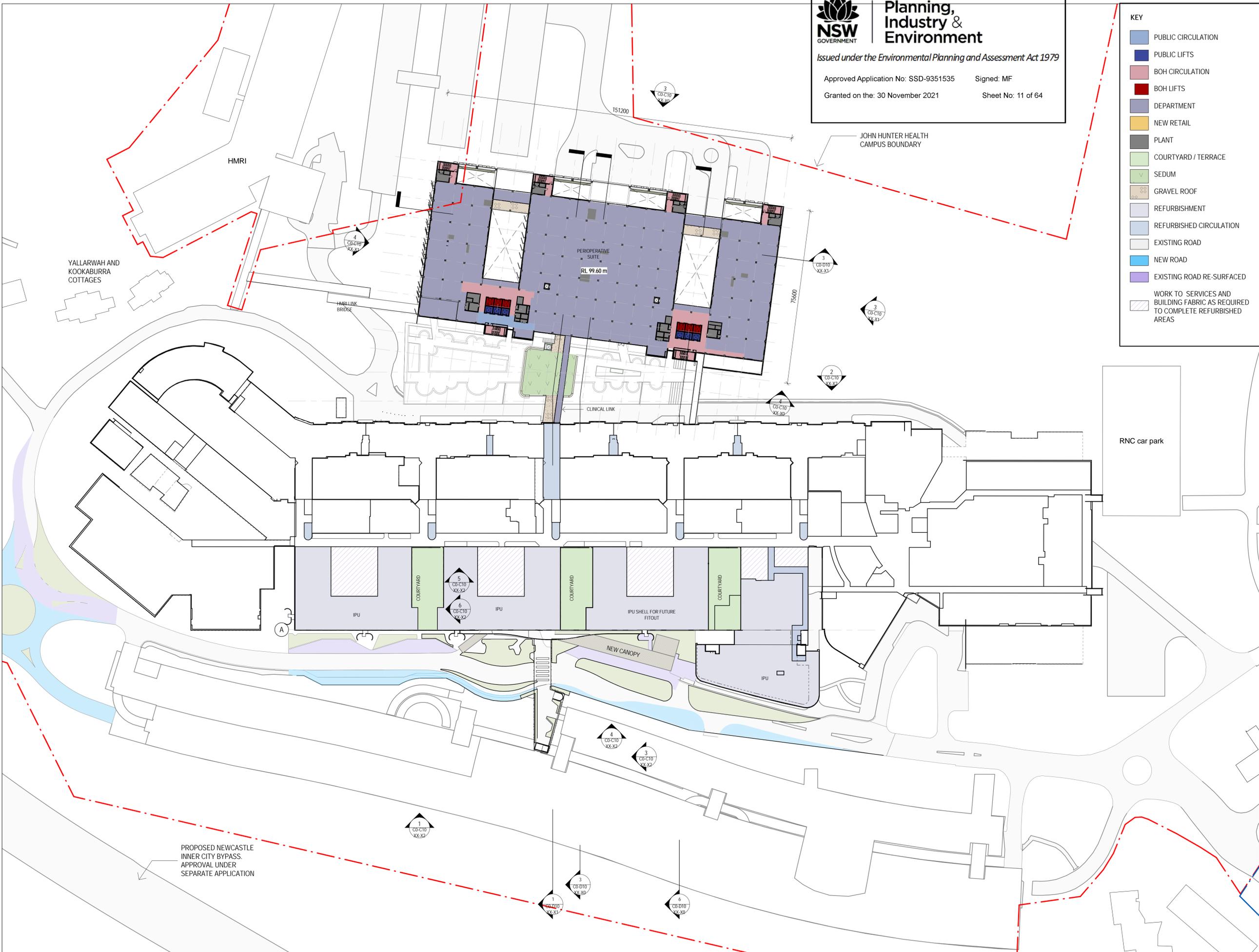
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STATUS

DRAWING
SSDA

LEVEL 3 - FLOOR PLAN

AR_CO-B10 L3-00





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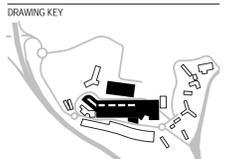
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ARCHITECT
BVN
TEL: 02 8297 7200
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NORTHROP ENGINEERS
TEL: 02 4943 1777
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LANDSCAPE CONSULTANT
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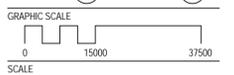
Health Infrastructure
HEALTH INFRASTRUCTURE, NSW
CLIENT NUMBER

PROJECT
JOHN HUNTER HEALTH &
INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER

1904010



TRUE NORTH PROJECT NORTH



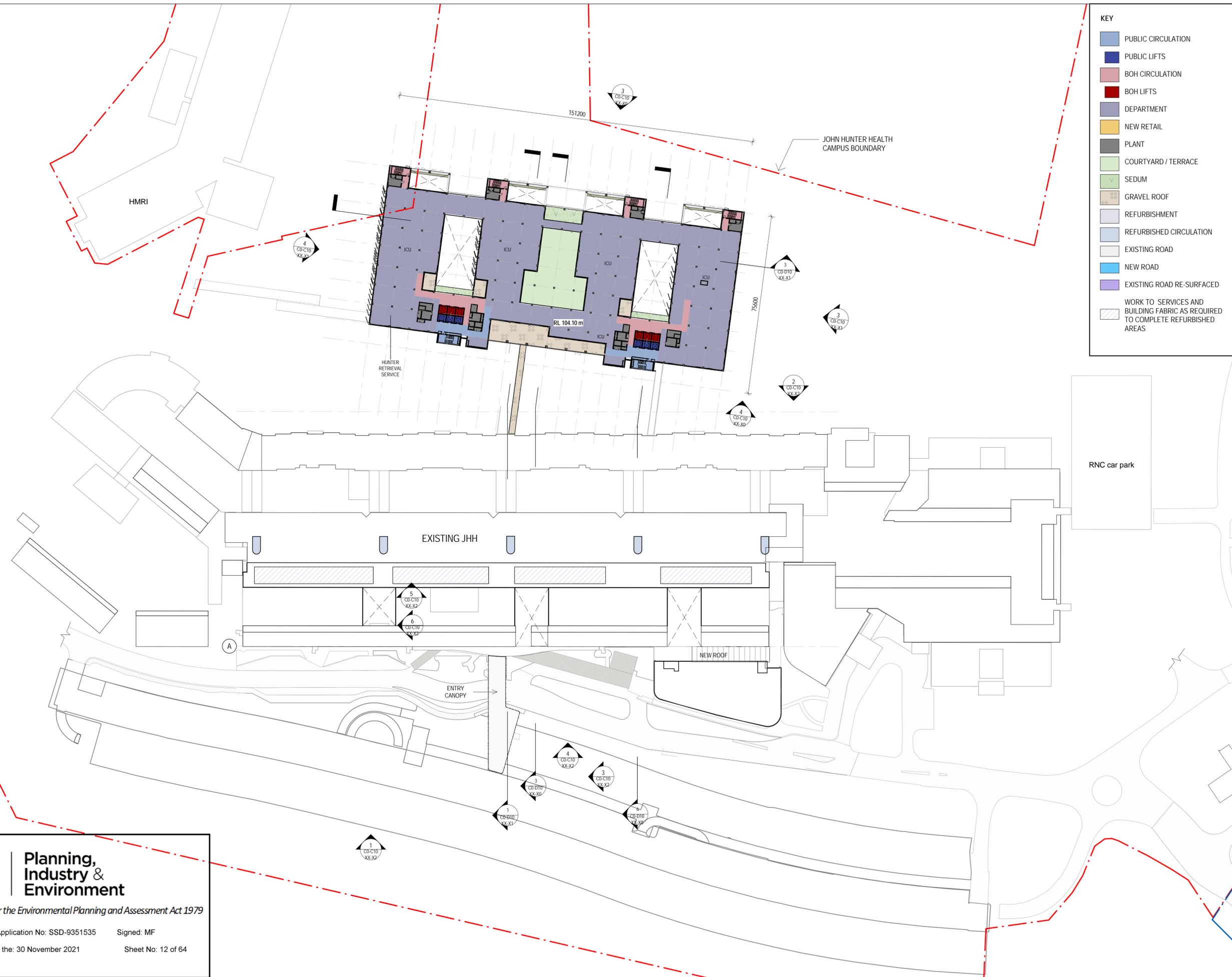
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STATUS

DRAWING
SSDA

LEVEL 4 - FLOOR PLAN

AR_CO-B10 L4-00 6

- KEY**
- PUBLIC CIRCULATION
 - PUBLIC LIFTS
 - BOH CIRCULATION
 - BOH LIFTS
 - DEPARTMENT
 - NEW RETAIL
 - PLANT
 - COURTYARD / TERRACE
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Approved Application No: SSD-9351535 Signed: MF
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PROJECT MANAGER
APP Corporation Pty Ltd
TEL: 02 9957 6211
ARCHITECT
BVN
TEL: 02 8297 7200
STRUCTURAL & CIVIL CONSULTANT
NORTHROP ENGINEERS
TEL: 02 4943 1777
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WARREN SMITH & PARTNERS
TEL: 02 9299 1312
LANDSCAPE CONSULTANT
URBIS LANDSCAPE
TEL: 02 8233 9900
CLIENT

Health Infrastructure
HEALTH INFRASTRUCTURE, NSW
CLIENT NUMBER

PROJECT
JOHN HUNTER HEALTH &
INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER

1904010
DRAWING KEY



TRUE NORTH PROJECT NORTH



GRAPHIC SCALE

SCALE

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STATUS

DRAWING

SSDA

LEVEL 5 - FLOOR PLAN

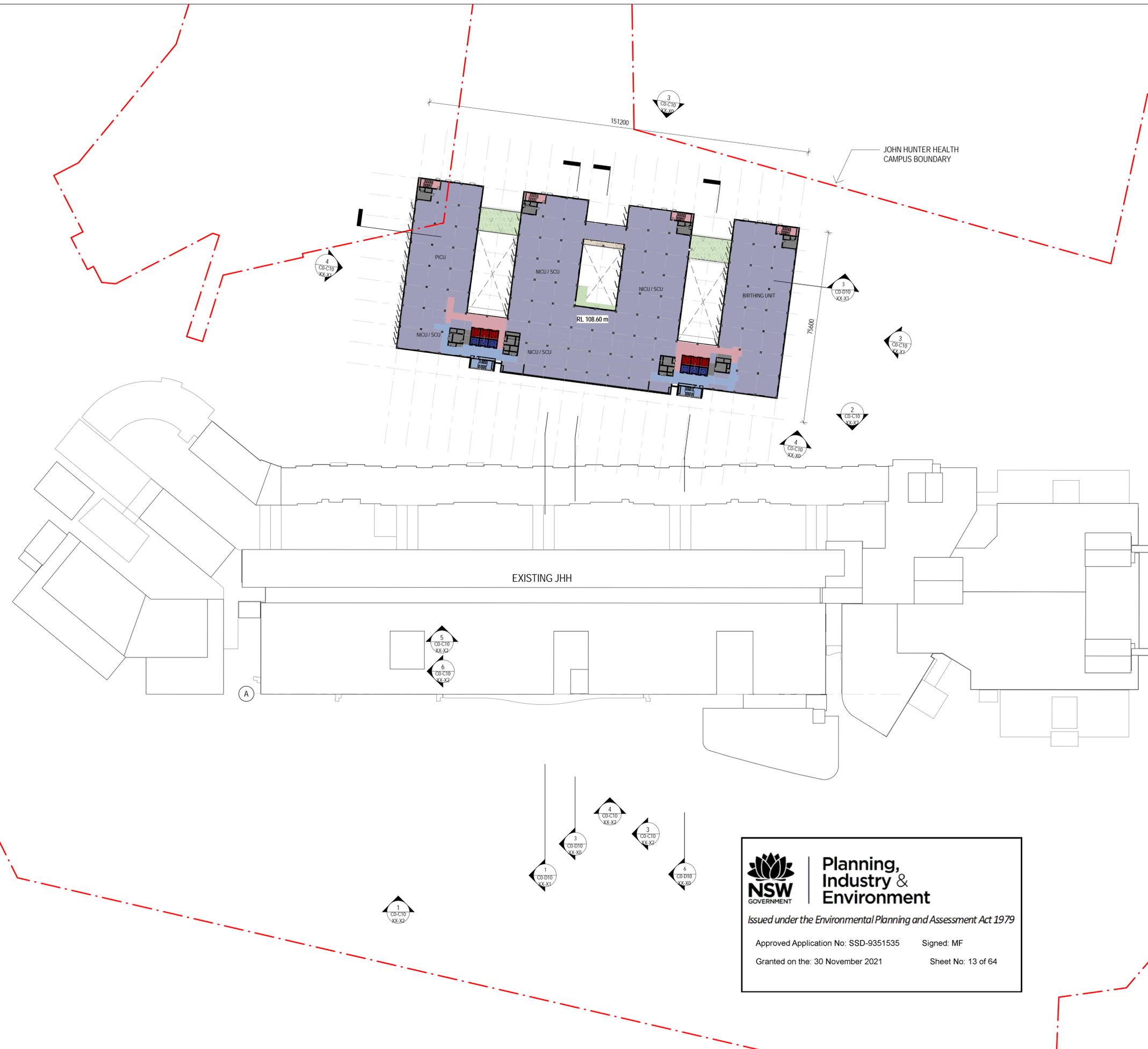
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ISSUE

6

KEY

- PUBLIC CIRCULATION
- PUBLIC LIFTS
- BOH CIRCULATION
- BOH LIFTS
- DEPARTMENT
- NEW RETAIL
- PLANT
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Planning, Industry & Environment

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Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 13 of 64



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7033 MATTHEW BLAIR
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6	14-05-2021	FINAL FOR SSDA
7	06-08-2021	FINAL FOR SSDA

PROJECT MANAGER
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ARCHITECT
BVN
TEL: 02 8297 7200
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NORTHROP ENGINEERS
TEL: 02 4943 1777
ELECTRICAL & MECHANICAL CONSULTANT
STEESEN WARMING PTY LTD
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HYDRAULIC & WET FIRE CONSULTANT
WARREN SMITH & PARTNERS
TEL: 02 9299 1312
LANDSCAPE CONSULTANT
URBIS LANDSCAPE
TEL: 02 8233 9900
CLIENT

HEALTH INFRASTRUCTURE, NSW
CLIENT NUMBER

PROJECT
JOHN HUNTER HEALTH &
INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER

1904010

DRAWING KEY



TRUE NORTH PROJECT NORTH



GRAPHIC SCALE



SCALE

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STATUS

DRAWING
SSDA

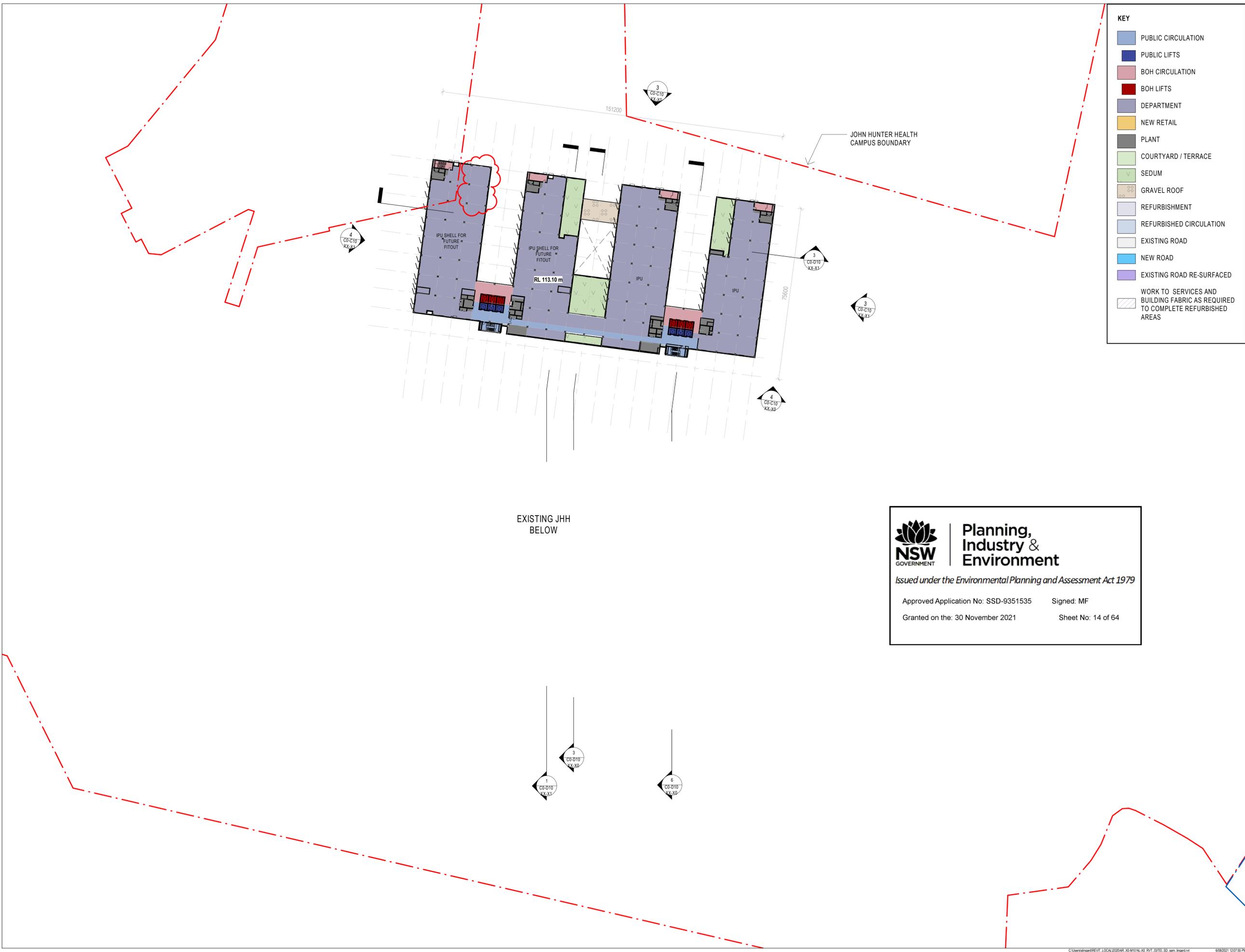
LEVEL 6 - FLOOR PLAN

ISSUE

AR_C0-B10 L6-00 7

KEY

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- PUBLIC LIFTS
- BOH CIRCULATION
- BOH LIFTS
- DEPARTMENT
- NEW RETAIL
- PLANT
- COURTYARD / TERRACE
- SEDUM
- GRAVEL ROOF
- REFURBISHMENT
- REFURBISHED CIRCULATION
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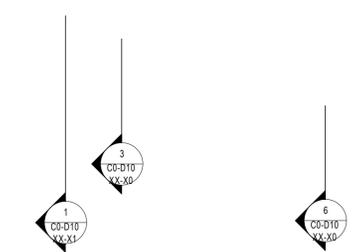


EXISTING JHH BELOW

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Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 14 of 64





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8388 WINDYBUSH ROAD
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7033 MATTHEW BLAIR
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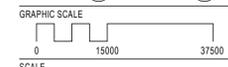
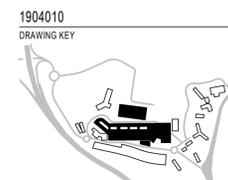
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8	06-08-2021	FINAL FOR SSDA

PROJECT MANAGER
APP Corporation Pty Ltd
TEL: 02 9957 6211
ARCHITECT
BVN
TEL: 02 8297 7200
STRUCTURAL & CIVIL CONSULTANT
NORTHROP ENGINEERS
TEL: 02 4943 1777
ELECTRICAL & MECHANICAL CONSULTANT
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HYDRAULIC & WET FIRE CONSULTANT
WARREN SMITH & PARTNERS
TEL: 02 9299 1312
LANDSCAPE CONSULTANT
URBIS LANDSCAPE
TEL: 02 8233 9900
CLIENT



PROJECT
JOHN HUNTER HEALTH &
INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER



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STATUS

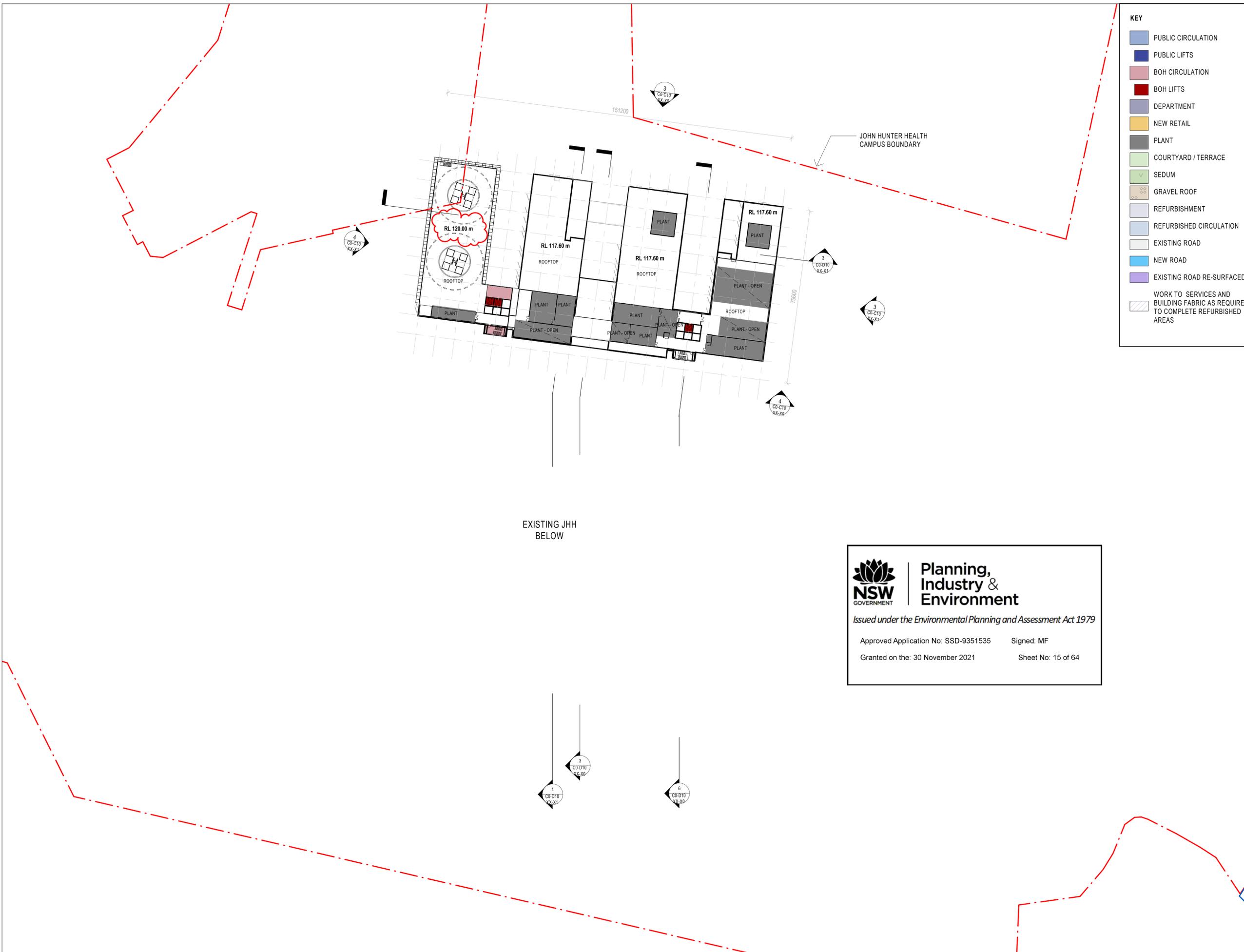
DRAWING
SSDA

LEVEL 7 - FLOOR PLAN

DRAWING	ISSUE
AR_C0-B10 L7-00	8

KEY

- PUBLIC CIRCULATION
- PUBLIC LIFTS
- BOH CIRCULATION
- BOH LIFTS
- DEPARTMENT
- NEW RETAIL
- PLANT
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Granted on the: 30 November 2021 Sheet No: 15 of 64



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7115 SILVIA AUSTON
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7151 PHILIP PASSINGTON
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7	06-08-2021	FINAL FOR SSDA

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ARCHITECT
BVN
TEL: 02 8297 7200
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TEL: 02 4943 1777
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TEL: 02 8233 9900
CLIENT

HEALTH INFRASTRUCTURE, NSW
CLIENT NUMBER

PROJECT
JOHN HUNTER HEALTH &
INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER

1904010

DRAWING KEY



TRUE NORTH PROJECT NORTH



GRAPHIC SCALE



SCALE

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STATUS

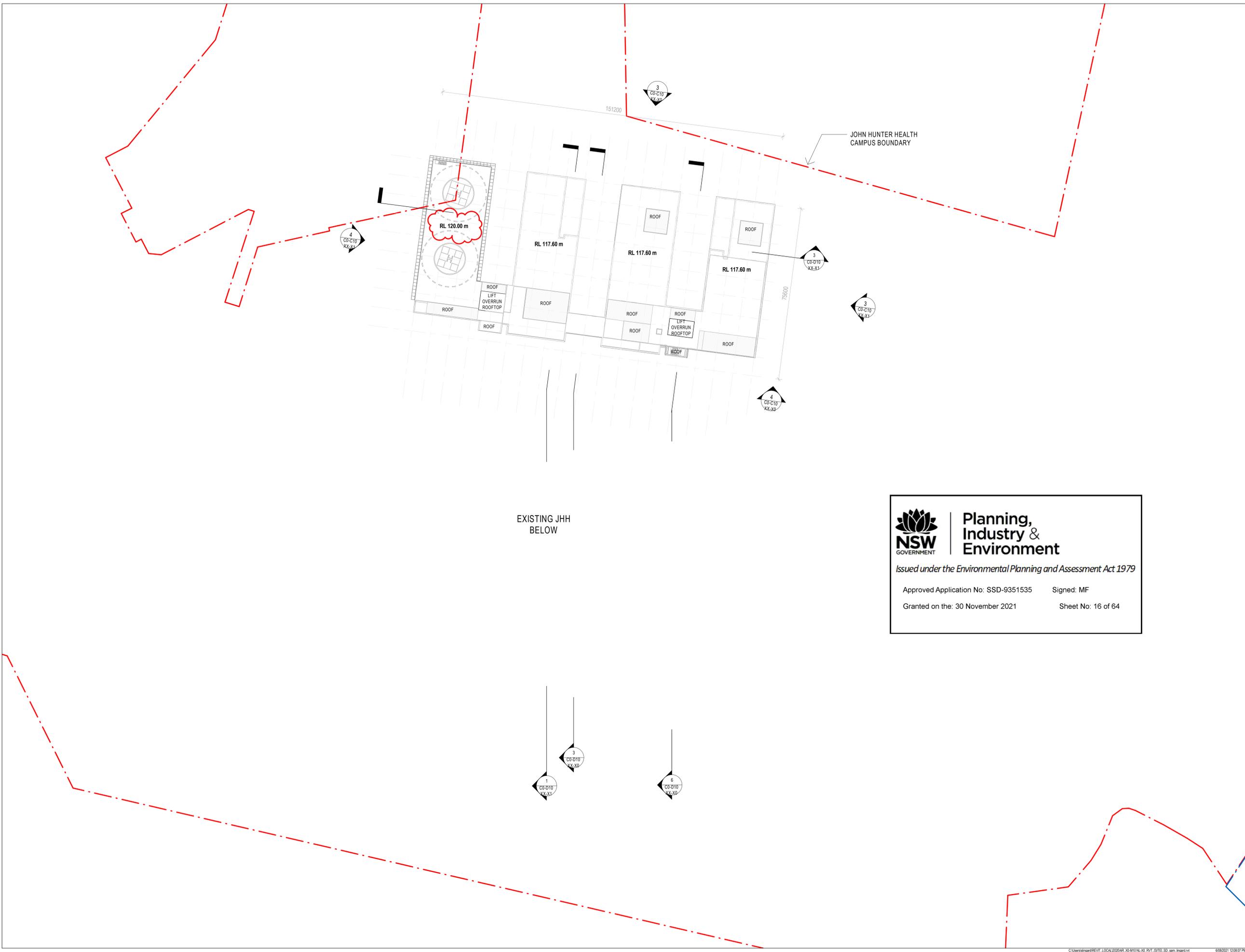
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SSDA

ROOF PLAN

AR_C0-B10 L8-00

ISSUE

7



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Granted on the: 30 November 2021 Sheet No: 16 of 64

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PROJECT MANAGER
APP Corporation Pty Ltd
TEL: 02 9957 6211

ARCHITECT
BVN
TEL: 02 8297 7200

STRUCTURAL & CIVIL CONSULTANT
NORTHROP ENGINEERS
TEL: 02 4943 1777

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HYDRAULIC & WET FIRE CONSULTANT
WARREN SMITH & PARTNERS
TEL: 02 9299 1312

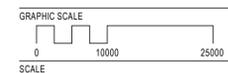
LANDSCAPE CONSULTANT
URBIS LANDSCAPE
TEL: 02 8233 9900

CLIENT

Health
Infrastructure
HEALTH INFRASTRUCTURE, NSW
CLIENT NUMBER

PROJECT
JOHN HUNTER HEALTH &
INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER

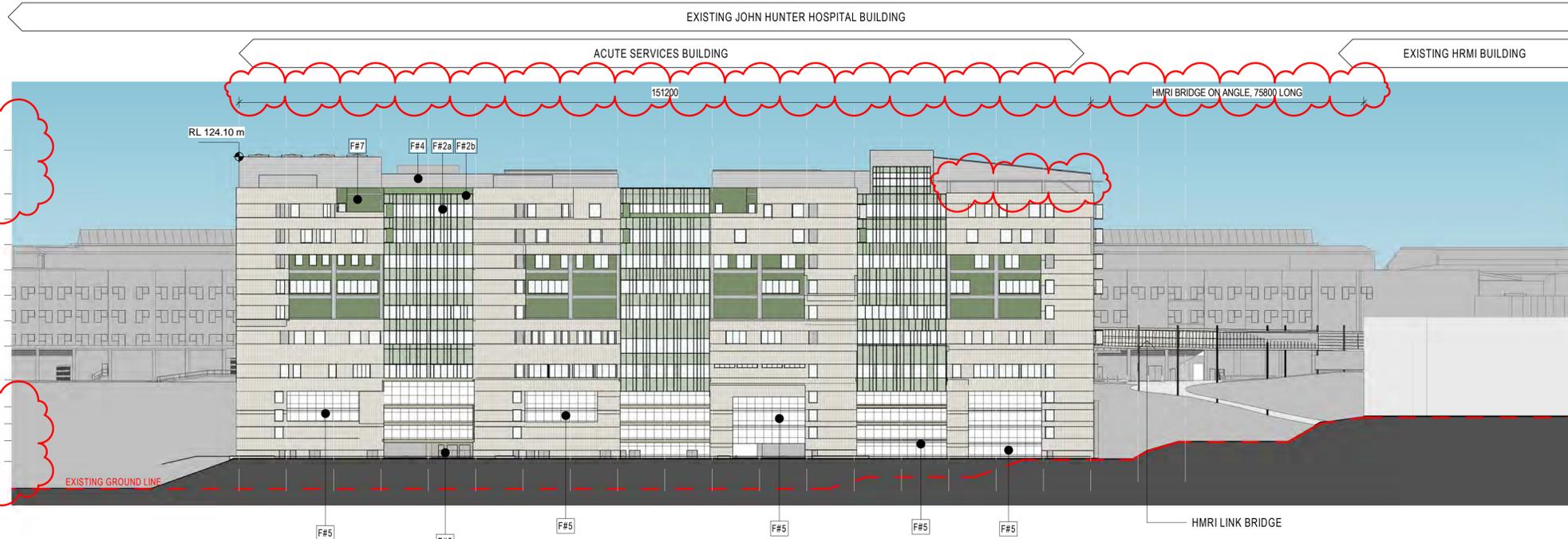
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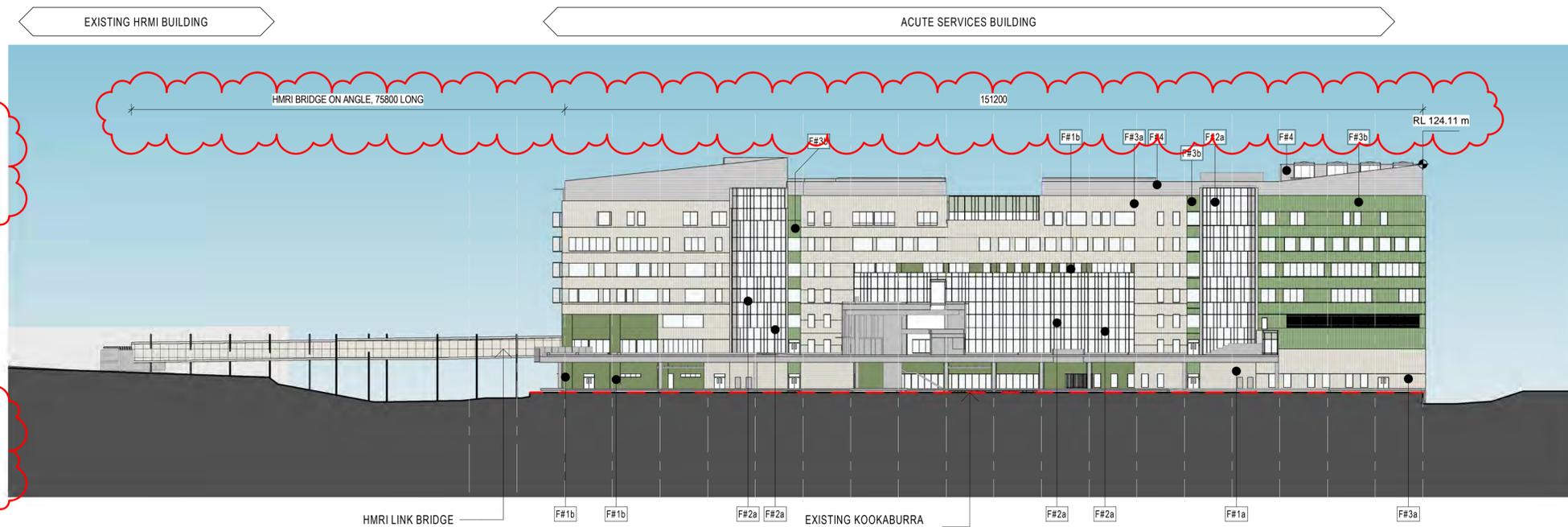
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DRAWING
SSDA

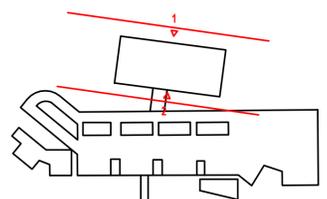
ELEVATIONS ACUTE
SERVICES BUILDING



3 ACUTE SERVICES BUILDING NORTH ELEVATION
C0-B10
B1-00



4 ACUTE SERVICES BUILDING SOUTH ELEVATION
C0-B10
B1-00



Planning, Industry & Environment
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 17 of 64

CODE	DESCRIPTION
B#2	Glazed Balustrade
F#1a	Integral pigment render
F#1b	Feature Finish
F#2a	High performance glazing - low-e coated clear vision glass - expressed mullions - aluminium
F#2b	Aluminium spandrels - expressed mullions
F#3a	Metal A Standing Seam cladding - module to suit building grid
F#3b	Metal B Flat panel cladding - expressed joints - module to suit building grid
F#4	Metal D Standing Seam cladding
F#5	Carpark Façade A -flexible SS bridge safety mesh for ventilation

CODE	DESCRIPTION
F#6	Carpark Façade B - Precast concrete
F#7	CFC Cladding - Panelised system cfc system with stained mineralised paint system - Expressed joints
F#8	Glass
F#9	Folded perforated aluminium panels of varies width
F#10	Integral colour insitu concrete - class 2 off form concrete - integral pigment for full depth of colour
F#11	Insitu Concrete -Stained Finish

ISSUE	DATE	FOR
1	16-02-2021	DRAFT
2	22-02-2021	ENG. BACKGROUNDS
3	09-03-2021	FOR INFORMATION
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6	01-04-2021	SSDA
7	14-05-2021	FINAL FOR SSDA
8	06-08-2021	FINAL FOR SSDA

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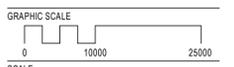
HYDRAULIC & WET FIRE CONSULTANT
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CLIENT
 Health Infrastructure NSW
HEALTH INFRASTRUCTURE, NSW
CLIENT NUMBER

PROJECT
JOHN HUNTER HEALTH & INNOVATION PRECINCT
Lookout Rd, New Lambton Heights NSW 2305
BVN PROJECT NUMBER

1904010
DRAWING KEY

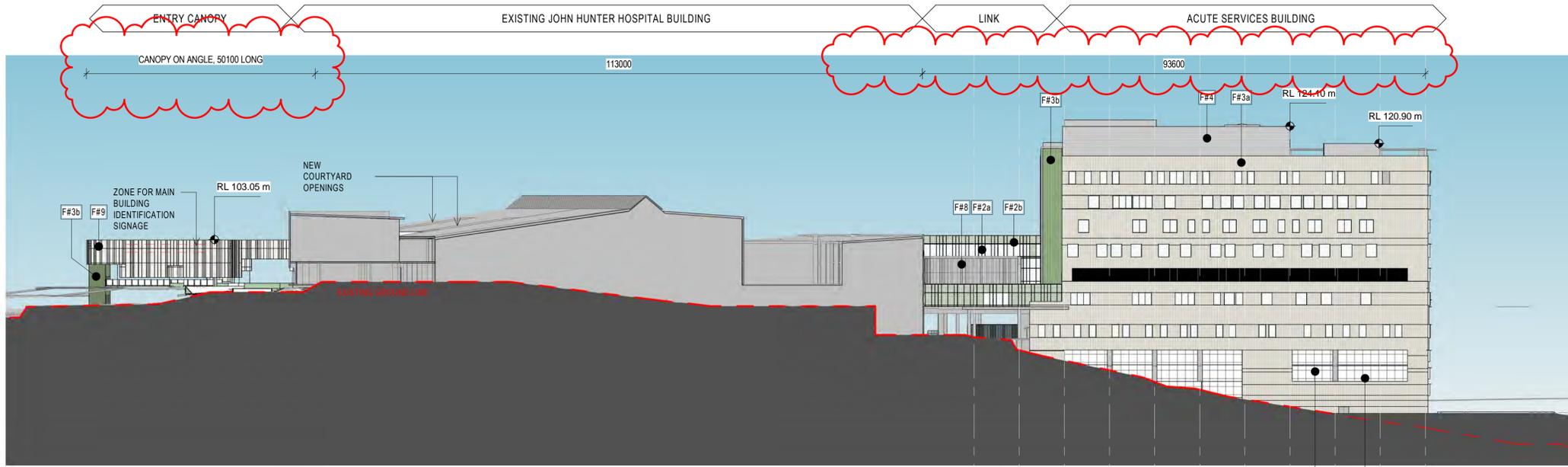


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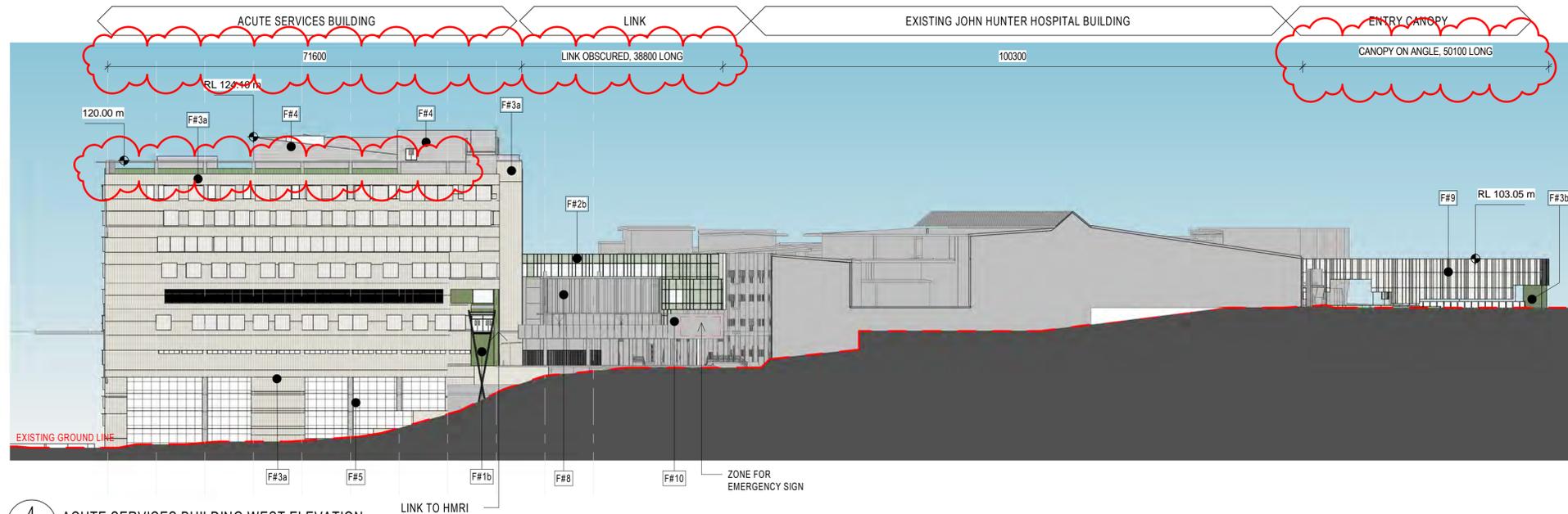
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ELEVATIONS ACUTE SERVICES BUILDING

AR_C0-C10 XX-X1 8



3 ACUTE SERVICES BUILDING EAST ELEVATION
C0-B10 B1-00



4 ACUTE SERVICES BUILDING WEST ELEVATION
C0-B10 B1-00

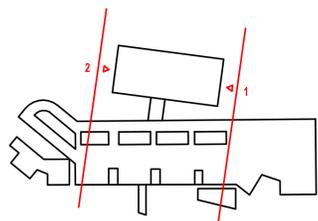
CODE	DESCRIPTION
B#2	Glazed Balustrade
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F#1b	Feature Finish
F#2a	High performance glazing - low-e coated clear vision glass - expressed mullions - aluminium
F#2b	Aluminium spandrels - expressed mullions
F#3a	Metal A Standing Seam cladding - module to suit building grid
F#3b	Metal B Flat panel cladding - expressed joints - module to suit building grid
F#4	Metal D - Standing Seam cladding
F#5	Carpark Façade A - flexible SS bridge safety mesh for ventilation

CODE	DESCRIPTION
F#6	Carpark Façade B - Precast concrete
F#7	CFC Cladding - Panelised system cfc system with stained mineralised paint system - Expressed joints
F#8	Glass
F#9	Folded perforated aluminium panels of varies width
F#10	Integral colour insitu concrete - class 2 off form concrete - integral pigment for full depth of colour
F#11	Insitu Concrete - Stained Finish

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Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 18 of 64



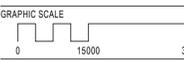
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INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER

1904010
DRAWING KEY

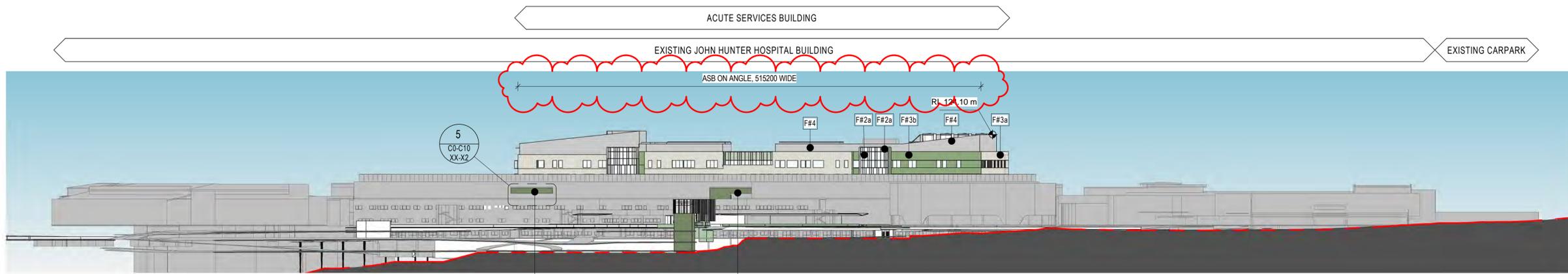


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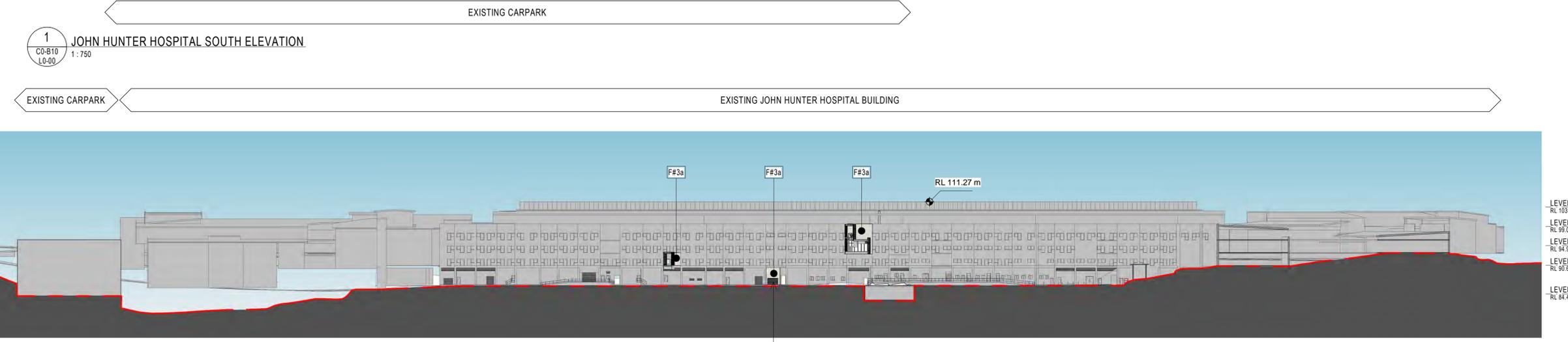
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ELEVATIONS - JOHN
HUNTER HOSPITAL

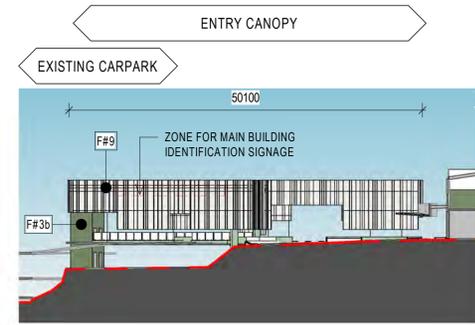
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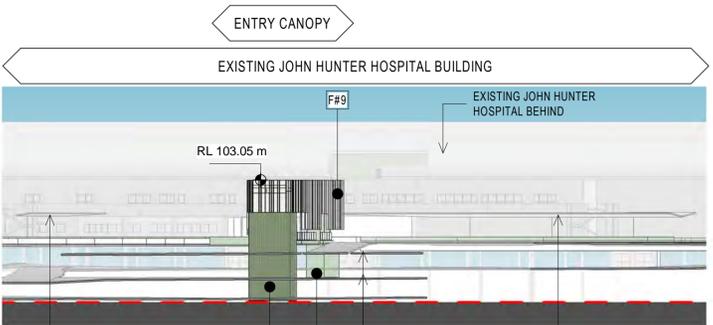
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2 JOHN HUNTER HOSPITAL NORTH ELEVATION
CO-B10 B1-00 1:750



3 JOHN HUNTER HOSPITAL CANOPY EAST ELEVATION
CO-B10 L0-00 1:500



4 JOHN HUNTER HOSPITAL CANOPY NORTH ELEVATION
CO-B10 L0-00 1:500

5 JOHN HUNTER HOSPITAL COURTYARD NORTH ELEVATION
CO-B10 L2-00 1:500

CODE	DESCRIPTION
F#2	Glazed Balustrade
F#1a	Integral pigment render
F#1b	Feature Finish
F#2a	High performance glazing - low-e coated clear vision glass - expressed mullions - aluminium
F#2b	Aluminium spandrels - expressed mullions
F#3a	Metal A - Standing Seam cladding - module to suit building grid
F#3b	Metal B - Flat panel cladding - expressed joints - module to suit building grid
F#4	Metal D - Standing Seam cladding
F#5	Carpark Façade A - flexible SS bridge safety mesh for ventilation

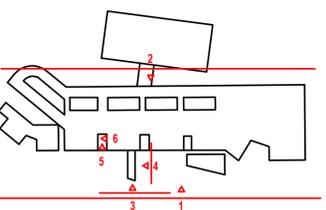
6 JOHN HUNTER HOSPITAL COURTYARD WEST ELEVATION
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CODE	DESCRIPTION
F#6	Carpark Façade B - Precast concrete
F#7	CFC Cladding - Panelised system cfc system with stained mineralised paint system - Expressed joints
F#8	Glass
F#9	Folded perforated aluminium panels of varies width
F#10	Integral colour insitu concrete - class 2 off form concrete - integral pigment for full depth of colour
F#11	Insitu Concrete - Stained Finish

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Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 19 of 64



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CLIENT
NSW Health
Infrastructure
HEALTH INFRASTRUCTURE, NSW
CLIENT NUMBER

PROJECT
JOHN HUNTER HEALTH &
INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER
1904010
DRAWING KEY
SSDA

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1904010
DRAWING KEY
SSDA

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1904010
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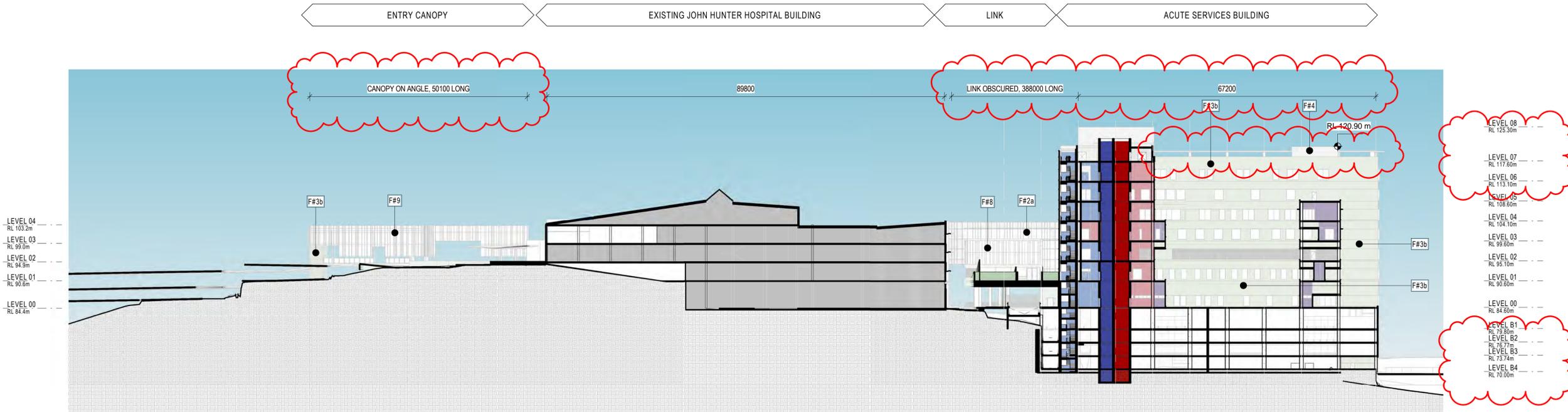
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JOHN HUNTER HEALTH &
INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER
1904010
DRAWING KEY
SSDA

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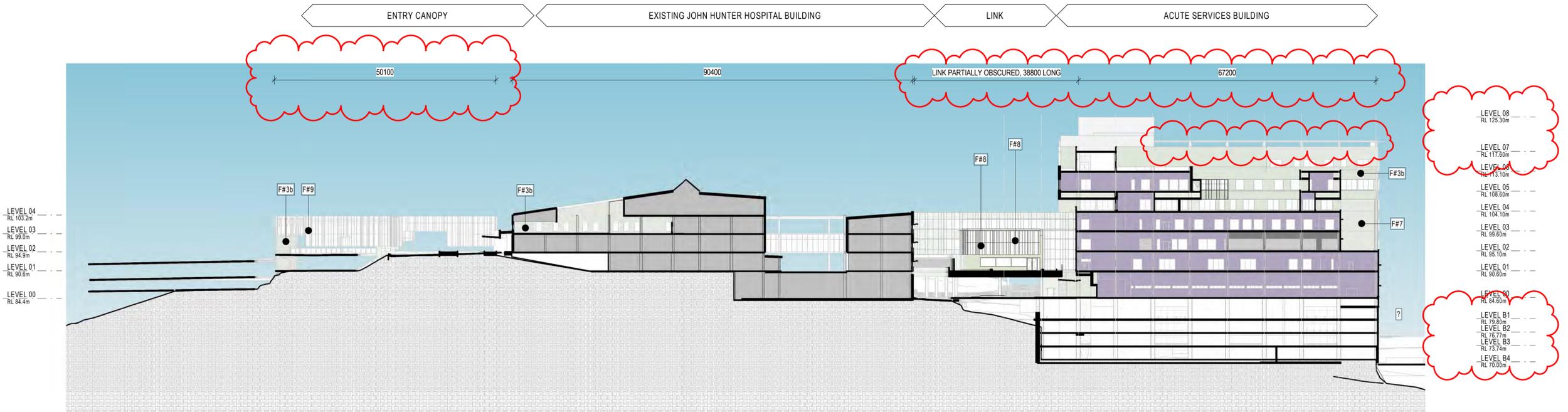
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JOHN HUNTER HEALTH &
INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER
1904010
DRAWING KEY
SSDA

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Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER
1904010
DRAWING KEY
SSDA



6 SECTION SSDA 1A
C0-B10
B1-00



3 SECTION SSDA 2A
C0-B10
B1-00

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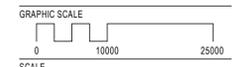
Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 20 of 64

KEY

- PUBLIC CIRCULATION
- PUBLIC LIFTS
- BOH CIRCULATION
- BOH LIFTS
- DEPARTMENT
- PLANT
- NEW RETAIL

CODE	DESCRIPTION
B#2	Glazed Balustrade
F#1a	Integral pigment render
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F#2a	High performance glazing - low-e coated clear vision glass - expressed mullions - aluminium
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F#3a	Metal A - Standing Seam cladding - module to suit building grid
F#3b	Metal B - Flat panel cladding - expressed joints - module to suit building grid
F#4	Metal D - Standing Seam cladding
F#5	Carpark Façade A - flexible SS bridge safety mesh for ventilation

CODE	DESCRIPTION
F#6	Carpark Façade B - Precast concrete
F#7	CFC Cladding - Panelised system cfc system with stained mineralised paint system - Expressed joints
F#8	Glass
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F#10	Integral colour insitu concrete - class 2 off form concrete - integral pigment for full depth of colour
F#11	Insitu Concrete - Stained Finish



As indicated @ A1 1:1000 @ A3
STATUS

DRAWING
SSDA

BUILDING SECTIONS

AR_C0-D10 XX-X0 ISSUE

ISSUE	DATE	FOR
1	22-02-2021	ENG. BACKGROUNDS
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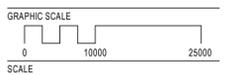
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CLIENT

Health Infrastructure
HEALTH INFRASTRUCTURE, NSW
CLIENT NUMBER

PROJECT
JOHN HUNTER HEALTH &
INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER

1904010
DRAWING KEY

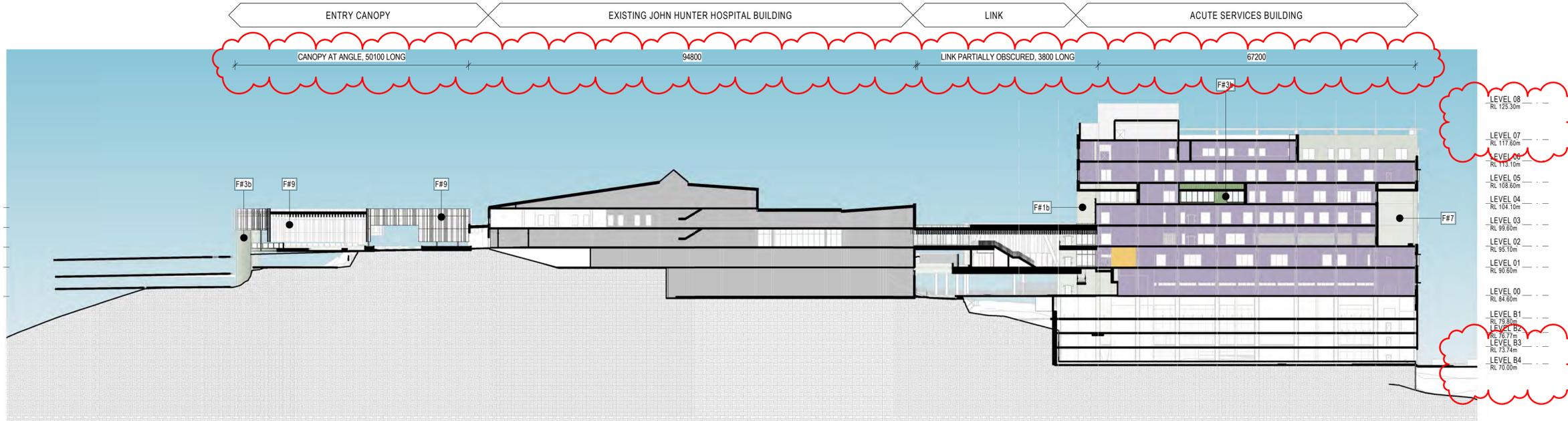


DRAWING
SSDA

BUILDING SECTIONS

AR_C0-D10 XX-X1

ISSUE
6



1 SECTION SSSA 3A
C0-B10
B1-00



3 SECTION SSSA 4
C0-B10
B1-00

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF

Granted on the: 30 November 2021 Sheet No: 21 of 64

KEY

	PUBLIC CIRCULATION
	PUBLIC LIFTS
	BOH CIRCULATION
	BOH LIFTS
	DEPARTMENT
	PLANT
	NEW RETAIL

CODE	DESCRIPTION
B#2	Glazed Balustrade
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F#3a	Metal A - Standing Seam cladding - module to suit building grid
F#3b	Metal B - Flat panel cladding - expressed joints - module to suit building grid
F#4	Metal D - Standing Seam cladding
F#5	Carpark Façade A - flexible SS bridge safety mesh for ventilation

CODE	DESCRIPTION
F#6	Carpark Façade B - Precast concrete
F#7	CFC Cladding - Panelised system cfc system with stained mineralised paint system - Expressed joints
F#8	Glass
F#9	Folded perforated aluminium panels of varies width
F#10	Integral colour insitu concrete - class 2 off form concrete - integral pigment for full depth of colour
F#11	Insitu Concrete - Stained Finish



A

DESCRIPTION:

Standing seam cladding, custom colour in matt finish, ref skin colourway

USAGE:

Typical Exterior Facade - ASB



E

DESCRIPTION:

CFC with stained mineralised paint system, expressed joints filled with sealant, ref settings colourway

USAGE:

Typical Exterior Facade - ASB



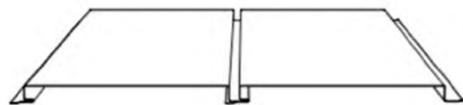
H

DESCRIPTION:

Self supporting glass panels

USAGE:

Pavilion and Entrance Canopy



B

DESCRIPTION:

Flat panel cladding, expressed joints, 3 x custom colours, ref settings colourway

USAGE:

Typical Exterior Facade - ASB



F

DESCRIPTION:

Perforated Aluminium Screening, ref skin colourway

USAGE:

ASB Windows, Pavilion and Entrance Canopy



I

DESCRIPTION:

Textured glass screening

USAGE:

Pavilion and Entrance Canopy



C

DESCRIPTION:

Stained columns and slab edges, ref skin colourway below

USAGE:

Typical Exterior Facade - ASB



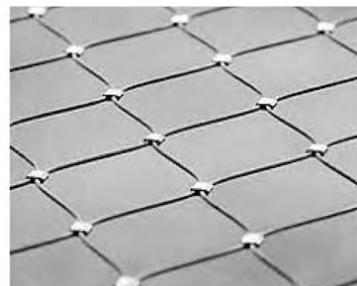
D

DESCRIPTION:

Render on FC or insitu concrete substrates with a sand fine polished finish, ref settings colourway

USAGE:

Typical Exterior Facade



G

DESCRIPTION:

Flexible stainless steel bridge safety mesh

USAGE:

Carpark Facade



J

DESCRIPTION:

Clear vision glass in champagne aluminium frame

USAGE:

Typical Exterior Facade - ASB



EXPLICIT COLOURS - SKIN COLOURWAY



IMPLICIT COLOURS - SETTINGS COLOURWAY



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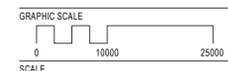
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PROJECT

JOHN HUNTER HEALTH & INNOVATION PRECINCT
Lookout Rd, New Lambton Heights
NSW 2305
BVN PROJECT NUMBER

1904010
DRAWING KEY



@A1 1:1000 @ A3
STATUS

DRAWING

MATERIALS BOARD
AR_C0-Y40 XX-X0 ISSUE 2

JOHN HUNTER HEALTH & INNOVATION PRECINCT

STATE SIGNIFICANT DEVELOPMENT APPLICATION LANDSCAPE ARCHITECTURE



Level 8, Angel Place, 123 Pitt Street | Sydney NSW 2000
Australia | +61 2 8233 9900
URBIS Pty Ltd | ABN 50 105 256 228

CLIENT



KEY PLAN



LANDSCAPE PACKAGE / DRAWING REGISTER

DRAWING NUMBER	DRAWING TITLE	REVISION
LD_00-A00 XX-00	COVER SHEET	F
LD_00-A10 XX-01	LEGEND SHEET	E
LD_00-A10 XX-02	PLANTING SCHEDULE STREETScape	D
LD_00-A10 XX-03	PLANTING SCHEDULE ARRIVAL & ROOFTOPS	C
LD_00-A10-XX-04	PLANTING SCHEDULE COURTYARDS & INTERNAL	C
LD_00-B01 NL-01	SHEET SPLIT SITE RELATED	F
LD_B0-B20 NL-00	JHH ARRIVAL FORECOURT	C
LD_B0-B20 NL-X0	OVERALL ZONAL PLAN	F
LD_B0-B20 NL-X1	TREE REMOVAL PLAN	D
LD_B0-B60 NL-X1	SITE WIDE LANDSCAPE PLAN	D
LD_B0-B61 NL-01	ARRIVAL FORECOURT SECTIONS	C
LD_BA-B20 00-20	ASB BUILDING LEVEL 00	D
LD_BA-B20 01-20	ASB BUILDING LEVEL 01	D
LD_BA-B20 02-20	ASB BUILDING LEVEL 02	D
LD_BA-B20 03-20	ASB BUILDING LEVEL 03	D
LD_BA-B20 04-20	ASB BUILDING LEVEL 04	D
LD_BA-B20 05-20	ASB BUILDING LEVEL 05	C
LD_BA-B20 06-20	ASB BUILDING LEVEL 06	C
LD_BA-B20 B1-20	ASB BUILDING LEVEL B1	D
LD_BA-B20 B2-20	ASB BUILDING LEVEL B2	D
LD_BA-B20 B3-20	ASB BUILDING LEVEL B3	D
LD_BA-B20 B4-20	ASB BUILDING LEVEL B4	D
LD_BA-B60 00-01	ASB LEVEL 00 COURTYARD SOIL VOLUME DIAGRAM	D
LD_BA-B60 01-01	ELEVATED GARDEN SOIL VOLUME DIAGRAM	E
LD_BA-B60 01-02	ASB LEVEL 01 COURTYARD SOIL VOLUME DIAGRAM	D
LD_BA-B60 03-01	ELEVATED GARDEN - ROOF SOIL VOLUME DIAGRAM	C
LD_BA-B60 04-01	ASB LEVEL 04 COURTYARD SOIL VOLUME DIAGRAM	C
LD_BA-B60 NL-00	ARRIVAL FORECOURT SOIL VOLUME DIAGRAM	C
LD_BA-B61 00-01	ASB BUILDING LEVEL 00 COURTYARD SECTIONS	D
LD_BA-B61 00-02	ASB BUILDING LEVEL 00 ED ARRIVAL SECTION	C
LD_BA-B61 01-01	ASB BUILDING LEVEL 01 COURTYARD SECTIONS	D
LD_BA-B61 01-02	ASB BUILDING LEVEL 01 ELEVATED GARDEN SECTIONS	C
LD_BA-B61 04-01	ASB BUILDING LEVEL 04 COURTYARD SECTIONS	D
LD_BJ-B20 02-30	JHH BUILDING LEVEL 02	C
LD_BJ-B20 03-30	JHH BUILDING LEVEL 03	C
LD_BJ-B60 03-01	JHH COURTYARD #01 SOIL VOLUME DIAGRAM	C
LD_BJ-B60 03-02	JHH COURTYARD #02 SOIL VOLUME DIAGRAM	C
LD_BJ-B60 03-03	JHH COURTYARD #03 SOIL VOLUME DIAGRAM	C
LD_BJ-B61 03-01	JHH BUILDING LEVEL 03 COURTYARD 1 SECTIONS	C
LD_BJ-B61 03-02	JHH BUILDING LEVEL 03 COURTYARD 2 SECTIONS	C
LD_BJ-B61 03-03	JHH BUILDING LEVEL 03 COURTYARD 3 SECTIONS	C

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GENERAL NOTES

- THE PLAN MUST BE READ IN CONJUNCTION WITH THE SPECIFICATION WHICH ALSO CONTAINS THE SCHEDULE OF LANDSCAPE WORKS AND PLANT SCHEDULE.
- ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ASSOCIATED DRAWINGS BY OTHER CONSULTANTS, e.g. ENGINEERS.
- DO NOT SCALE FROM DRAWING PACKAGE, USE NOMINATED DIMENSIONS AND LEVELS
- REFER TO THE TREE PROTECTION PLAN (AND POTENTIAL TREE ASSESSMENT REPORT) FOR DETAILS OF EXISTING TREES TO BE REMOVED, RETAINED OR TRANSPLANTED
- THE CONTRACTOR MUST REFER ANY DISCREPANCIES TO THE SUPERINTENDENTS REPRESENTATIVE BEFORE PROCEEDING WITH WORKS
- LOCATE AND PROTECT ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION. MAKE GOOD ALL DAMAGE
- THESE DRAWINGS ARE TO BE PRINTED IN COLOUR
- FOR LEGEND REFER TO LEGEND SHEET LD_00-A10 XX-01
- FOR DETAILED DESCRIPTION OF EACH LANDSCAPE AREA REFER TO LANDSCAPE AREAS SCHEDULE
- NUMBERS ON LANDSCAPE AREAS ARE REFERING TO THE LANDSCAPE SPACE INDEX
- IRRIGATION DESIGN TO BE DEVELOPED AND COORDINATED AT DESIGN DEVELOPMENT

REV	DESCRIPTION	DWN	CHK	DATE
F	SSDA ISSUE	PM	PJ	09/08/2021
E	ECI TENDER	MK	PJ	16/07/2021
D	100% SCHEMATIC DESIGN	MK	PJ	08/04/2021
C	100% DRAFT SD ISSUE	SP	PJ	26/03/2021
B	75% SD ISSUE	MK	PJ	29/01/2021
A	50% SD ISSUE	MK	PJ	14/12/2020

**Planning,
Industry &
Environment**

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF

Granted on the: 30 November 2021 Sheet No: 23 of 64

PROJECT NAME & ADDRESS
**JOHN HUNTER
HEALTH &
INNOVATION
PRECINCT**
Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE
COVER SHEET

ISSUE PROJECT NO.

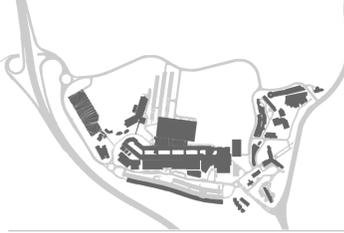
SSDA P0012689

SCALE

N.T.S.

DRAWING NO. REVISION

LD_C0-A00 XX-00 F



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GENERAL NOTES

1. THE PLAN MUST BE READ IN CONJUNCTION WITH THE SPECIFICATION WHICH ALSO CONTAINS THE SCHEDULE OF LANDSCAPE WORKS AND PLANT SCHEDULE.
2. DO NOT SCALE FROM DRAWING PACKAGE, USE NOMINATED DIMENSIONS AND LEVELS
3. REFER TO THE TREE PROTECTION PLAN (AND POTENTIAL TREE ASSESSMENT REPORT) FOR DETAILS OF EXISTING TREES TO BE REMOVED, RETAINED OR TRANSPLANTED
5. THE CONTRACTOR MUST REFER ANY DISCREPANCIES TO THE SUPERINTENDENTS REPRESENTATIVE BEFORE PROCEEDING WITH WORKS
6. LOCATE AND PROTECT ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION. MAKE GOOD ALL DAMAGE
7. THESE DRAWINGS ARE TO BE PRINTED IN COLOUR
8. FOR LEGEND REFER TO LEGEND SHEET LD_00-A10 XX-01
9. FOR DETAILED DESCRIPTION OF EACH LANDSCAPE AREA REFER TO LANDSCAPE AREAS SCHEDULE
10. NUMBERS ON LANDSCAPE AREAS ARE REFERING TO THE LANDSCAPE SPACE INDEX
11. IRRIGATION DESIGN TO BE DEVELOPED AND COORDINATED AT DESIGN DEVELOPMENT

B	100% SSDA ISSUE	MK	PJ	13/05/2021
A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE
LEGEND SHEET

ISSUE PROJECT NO.

SSDA P0012689

SCALE

N.T.S.

DRAWING NO. REVISION

LD_C0-A10 XX-01 **B**

GENERAL LEGEND

- EXTENT OF WORKS LINE
- SITE BOUNDARY
- EXPANSION JOINT
- FINISHED FLOOR LEVEL
+RL 0.00
- TOP OF WALL LEVEL
+TW 0.00
- TOP OF MOUND LEVEL
+TM 0.00
- STEPS & CONCRETE SEATING
- TABLE & BENCH SEATING
- GARDEN WALL
- KERB PLANTER WALL
- CORTEN WALL

- PROPOSED SMALL SIZED TREE (6-8m MATURE HEIGHT)
- PROPOSED MEDIUM SIZED TREE (8-12m MATURE HEIGHT)

SITEWIDE LEGEND

- NATIVE BUSHLAND PLANTING**
- SMOOTH-BARKED APPLE - RED BLOODWOOD OPEN FOREST SEEDING MIX A - SEEDING (100%)
 - SMOOTH-BARKED APPLE SYDNEY PEPPERMINT TURPENTINE FOREST SEEDING MIX A1 - SEEDING (75%) - TUBE STOCK (25%) AND SCATTERED TREES AS SHOWN
 - SMOOTH-BARKED APPLE SYDNEY PEPPERMINT TURPENTINE FOREST SEEDING MIX A2 - SEEDING (65%) - TUBE STOCK (35%) AND SCATTERED TREES AS SHOWN
- APZ BUFFER PLANTING**
- APZ PLANTING SMOOTH-BARKED APPLE - RED BLOODWOOD OPEN FOREST - SEEDING (100%) - GRASSES ONLY
 - APZ PLANTING SMOOTH-BARKED APPLE - RED BLOODWOOD OPEN FOREST - SEEDING (90%) - SHRUB TUBE STOCK (10%) AND SCATTERED TREES AS SHOWN
 - BIORETENTION PLANTING TREES, SEEDING AND TUBE STOCK TO BASIN. SCATTERED SHRUBS AND TREES E.G. EUCALYPTUS UMBRA, CAREX APPRESSA, ISOLEPSIS NODOSA
 - EXTENT OF SELECTIVE TREE CLEARANCE FOR APZ REFER TO BUSHFIRE REPORT

ARRIVAL FORECOURT, ED ARRIVAL, NORTHERN ARRIVAL LEGEND

- INSITU CONCRETE PAVEMENT
- INSITU CONCRETE PAVEMENT (COLOURED)
- FORECOURT PRECAST CONCRETE PAVER 50mm THICK REINFORCED PAVER. 80mm THICK TO RAISED THRESHOLDS/CROSSING FINISH. 50% SHOT-BLASTED, 50% EXPOLIATED. 4 COLOURS TO PATTERNED LAYOUT. TYPE TBC.
- BASALT ROCK 100mm THICK BASALT ROCK WITH 20% (min) CRUSHED GREEN GLASS TO STAINLESS STEEL EDGE. ALLOW LARGE AND MEDIUM AGGREGATE. COLOUR AND TYPE TBC
- EXISTING CONCRETE PAVEMENT
- GRASSCRETE PAVERS REINFORCED CELLULAR IN-SITU CONCRETE WITH SOIL AND GRASS SEEDING
- GARDEN BED (SHADE TOLERANT) SHADE TOLERANT PLANTING IN BASALT ROCK GRAVEL MULCH - REFER TO PLANT SCHEDULE MIN. 350mm MOUNDING TO 600mm SOIL DEPTH. PREMIUM GARDEN SOIL MIX, GEOFABRIC FILTER AND DRAINAGE LAYER ON WATER PROOFING MEMBRANE WHERE APPLICABLE
- GARDEN BED MASS PLANTING TO GARDEN BED AREAS - REFER TO PLANT SCHEDULE. MIN 500mm TO 1200mm SOIL DEPTH. PREMIUM GARDEN SOIL MIX, GEOFABRIC FILTER AND DRAINAGE LAYER ON WATER PROOFING MEMBRANE WHERE APPLICABLE
- EXISTING PLANTING

ELEVATED GARDEN & COURTYARDS

- GARDEN BED MASS PLANTING TO GARDEN BED AREAS - REFER TO PLANT SCHEDULE. MIN 500mm TO 1200mm SOIL DEPTH. PREMIUM GARDEN SOIL MIX, GEOFABRIC FILTER AND DRAINAGE LAYER ON WATER PROOFING MEMBRANE WHERE APPLICABLE.
- TURF MIN. 300mm SOIL DEPTH, PREMIUM GARDEN SOIL MIX, GEOFABRIC FILTER AND DRAINAGE LAYER ON WATER PROOFING MEMBRANE.
- CONCOURSE PRECAST CONCRETE PAVER 70mm THICK REINFORCED PEDESTAL PAVER. FINISH: SHOT-BLASTED. COLOURS AND TYPE TBC
- COURTYARD PRECAST CONCRETE PAVER 70mm THICK REINFORCED PEDESTAL PAVER. FINISH: SHOT-BLASTED. 4 COLOURS TO PATTERNED LAYOUT AND TYPE TBC
- TIMBER DECK FSC HARDWOOD CERTIFIED TIMBER
- CONCOURSE PRECAST CONCRETE SMALL PAVER 40mm THICK PAVER TO PEDESTAL PANEL SUPPORT TILES. FINISH: SHOT-BLASTED. COLOURS AND TYPE TBC
- CONCOURSE BOUND GRAVEL PAVING 25mm THICK RESIN BOUND STONE PAVING TO PEDESTAL PANEL SUPPORT TILES. COLOUR AND TYPE TBC
- COURTYARD EXPOSED AGGREGATE PAVING 70mm THICK REINFORCED PEDESTAL PAVER EXPOSED AGGREGATE LOOK. FINISH: SHOT-BLASTED. COLOURS AND TYPE TBC
- FLAGSTONE PAVER 50mm BLUESTONE CRAZY PAVE. FINISH: SAW CUT. COLOURS AND TYPE TBC
- FLAGSTONE IN GRAVEL 50mm BLUESTONE PAVE. FINISH: SAW CUT. COLOURS AND TYPE TBC. GRAVEL: BASALT ROCK
- BASALT ROCK 100mm THICK BASALT ROCK WITH 20% (min) CRUSHED GREEN GLASS TO STAINLESS STEEL EDGE. ALLOW LARGE AND MEDIUM AGGREGATE. COLOUR AND TYPE TBC
- ARTIFICIAL TURF PRESTIGE 40mm THICK
- POT PLANTERS VARIOUS SIZES

ROOFS & FACADES

- SEDUM GREEN ROOF 100mm SOIL DEPTH, GEOFABRIC FILTER AND DRAINAGE CELL TO WATER PROOFING MEMBRANE
- PATTERNED GRAVEL ROOF GRAVELS TO BE PROVIDED IN DIFFERENT SIZES AND COLOURS TO PROVIDE DISTINCT PATTERNS
- FACADE PLANTER 500mm SOIL DEPTH, GEOFABRIC FILTER AND DRAINAGE CELL TO WATER PROOFING MEMBRANE

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF

Granted on the: 30 November 2021 Sheet No: 24 of 64

PLANTING SCHEDULE SITEWIDE & ASB ARRIVAL

SITE WIDE NORTHERN ARRIVAL LANDSCAPE					
SEEDING MIX A1 & A2 - SMOOTH-BARKED APPLE - SYDNEY PEPPERMINT - TURPENTINE FOREST					
AREA- 8256.30 m2					
PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT AND SPREAD	CONTAINER SIZE	PLANTS PER M2
TREES					
ANG cos	Angophora costata	Smooth-Barked Apple	25m x 15m	100L, 200L, 400L	as shown
EUC gla	Eucalyptus globulus	White Stringybark	20m x 15m	100L, 200L, 400L	as shown
EUC pip	Eucalyptus piperita	Sydney Peppermint	20m x 15m	100L, 200L, 400L	as shown
STN gla	Synotaxia glauca	Turpentine	18m x 8m	100L, 200L	as shown
ALL ter	Allocasuarina teretifolia	Forest Oak	10m x 7m	100L, 200L	as shown
SHRUBS					
ACA myr	Acacia myrtifolia	Red-Stemmed Wattle	3m x 3.0m	300mm	0.5
BAN spr	Banksia spruceana	Hairpin Banksia	3m x 2.5m	300mm	0.5
BRE ubi	Banksia obtusifolia	Coffin Bush	3m x 3m	300mm	1
DAV uti	Davallia ulicifolia	Green Bitter Pea	2m x 1m	300mm	0.3
DOD tr	Dodonaea triquetra	Large-Leaf Hop Bush	3m x 2m	300mm	1
LEP pol	Leptospermum polygalifolium	Lemon Scented Tea Tree	3m x 2m	300mm	1
LEU lan	Leucopogon lanceolatus	Lance-leaved Beard's Heath	2m x 1m	300mm	0.5
ZIE ani	Zieria anita subsp. anita	Sandfly Zieria	2m x 1m	300mm	0.1
GRASSES & GROUNDCOVERS					
DIA ros	Dianella caerulea var. prostrata	Blue Flax Lily	1m x 2m	150mm	4
DIC rep	Dichondra repens	Kidney Weed	0.15m x 1.8m	150mm	4
ENT sr	Eriosema stricta	Wiry Plant	0.50m x 0.30m	150mm	2
IMP cyl	Imperata cylindrica	Blady Grass	1.0m x 0.3m	150mm	1
MIC al	Mikania altissima	Whipping Rice Grass	0.30m x 0.50m	150mm	2
PHS pur	Pharusia purpurascens	Whiteoak	0.20m x 2m	150mm	1
VIO hed	Vilca hedraea	Hy-leaved Violet	0.15m x 1m	150mm	4
XAN lat	Xanthorrhoea latifolia	Grass Tree	2m x 1.5m	150mm	2

SITE WIDE WESTERN ROAD LANDSCAPE					
SEEDING MIX A2 - SEEDING (65%), TUBESTOCK (35%) & TREES SMOOTH-BARKED APPLE - SYDNEY PEPPERMINT - TURPENTINE FOREST					
AREA- 6521.04 m2					
PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT AND SPREAD	CONTAINER SIZE	PLANTS PER M2
TREES					
ANG cos	Angophora costata	Smooth-Barked Apple	25m x 15m	100L, 200L	as shown
EUC gla	Eucalyptus globulus	White Stringybark	20m x 15m	100L	as shown
EUC pip	Eucalyptus piperita	Sydney Peppermint	20m x 15m	100L, 200L	as shown
STN gla	Synotaxia glauca	Turpentine	18m x 8m	100L	as shown
ALL ter	Allocasuarina teretifolia	Forest Oak	10m x 7m	100L	as shown
SHRUBS					
ACA myr	Acacia myrtifolia	Red-Stemmed Wattle	3m x 3.0m	300mm	0.5
BAN spr	Banksia spruceana	Hairpin Banksia	3m x 2.5m	300mm	0.5
BRE ubi	Banksia obtusifolia	Coffin Bush	3m x 3m	300mm	1
DAV uti	Davallia ulicifolia	Green Bitter Pea	2m x 1m	300mm	0.3
DOD tr	Dodonaea triquetra	Large-Leaf Hop Bush	3m x 2m	300mm	1
LEP pol	Leptospermum polygalifolium	Lemon Scented Tea Tree	3m x 2m	300mm	1
LEU lan	Leucopogon lanceolatus	Lance-leaved Beard's Heath	2m x 1m	300mm	0.5
ZIE ani	Zieria anita subsp. anita	Sandfly Zieria	2m x 1m	300mm	0.1
GRASSES & GROUNDCOVERS					
DIA ros	Dianella caerulea var. prostrata	Blue Flax Lily	1m x 2m	150mm	4
DIC rep	Dichondra repens	Kidney Weed	0.15m x 1.8m	150mm	4
ENT sr	Eriosema stricta	Wiry Plant	0.50m x 0.30m	150mm	2
IMP cyl	Imperata cylindrica	Blady Grass	1.0m x 0.3m	150mm	1
MIC al	Mikania altissima	Whipping Rice Grass	0.30m x 0.50m	150mm	2
PHS pur	Pharusia purpurascens	Whiteoak	0.20m x 2m	150mm	1
VIO hed	Vilca hedraea	Hy-leaved Violet	0.15m x 1m	150mm	4
XAN lat	Xanthorrhoea latifolia	Grass Tree	2m x 1.5m	150mm	2

SITE WIDE NORTHERN ROAD AND FIRE ACCESS LANDSCAPE					
SEEDING MIX A - SEEDING 100% - SMOOTH-BARKED APPLE - RED BLOODWOOD OPEN FOREST					
AREA- 26712.20 m2					
PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT AND SPREAD	CONTAINER SIZE	PLANTS PER M2
SHRUBS					
ACA ter	Acacia terminalis	Sunshine Wattle	3m x 2m	Seeding	0.01 grams
ACA uti	Acacia ulicifolia	Prickly Moses	2m x 2m	Seeding	0.01 grams
BAN spr	Banksia spruceana	Hairpin Banksia	3m x 2.5m	Seeding	0.01 grams
LEP int	Leptospermum integrum	Slender Tea-tree	6m x 1.4m	Seeding	0.01 grams
LOM sel	Lomatia selicola	Wild Parsley	6m x 3m	Seeding	0.01 grams
PER lev	Persea levea	Broad-Leaved Geebung	3m x 1m	Seeding	0.01 grams
PER lan	Persea lanata	Narrow-Leaved Geebung	3m x 0.7m	Seeding	0.01 grams
PUL euc	Pultanea eucalyptifolia	Large-flower Bush-rose	1.5m x 2m	Seeding	0.01 grams
PTT und	Phytolobum undulatum	Sweet Pittosporum	12m x 7m	Seeding	0.01 grams
XAN lat	Xanthorrhoea latifolia	Grass Tree	2m x 1.5m	Seeding	0.01 grams
TET jun	Tetradlea juncea	Black-eyed Susan	0.5m x 0.3m	Seeding	0.01 grams
GRASSES & GROUNDCOVERS					
ENT sr	Eriosema stricta	Wiry Plant	0.50m x 0.30m	Seeding	0.01 grams
IMP cyl	Imperata cylindrica	Blady Grass	1.0m x 0.3m	Seeding	0.01 grams
THE aus	Themeda australis	Kangaroo Grass	1m x 0.5m	Seeding	0.01 grams
PTE esc	Pteridium esculentum	Bracken Fern	2m x 1.2m	Seeding	0.01 grams
LOM sel	Lomatia selicola	Twisted Manrush	0.50m x 0.50m	Seeding	0.01 grams

SITE WIDE BIO RETENTION LANDSCAPE					
TREES, SEEDING (75%) & TUBESTOCK (25%)					
AREA- 3067.63 m2					
PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT AND SPREAD	CONTAINER SIZE	PLANTS PER M2
TREES					
ANG cos	Angophora costata	Smooth-Barked Apple	25m x 15m	400L	as shown
COR gam	Corymbia garriveri	Red Bloodwood	30m x 10m	400L	as shown
EUC pip	Eucalyptus piperita	Brown Stringybark	20m x 15m	100L	as shown
EUC gla	Eucalyptus globulus	White Stringybark	20m x 15m	400L	as shown
EUC jam	Eucalyptus jamnathii	Grey Gum	20m x 15m	100L	as shown
STN gla	Synotaxia glauca	Turpentine	18m x 8m	100L	as shown
ALL ter	Allocasuarina teretifolia	Forest Oak	10m x 7m	400L	as shown
GRASSES & GROUNDCOVERS					
BAL jun	Baumea juncea	Barn Twig Rush	1.0m x 1.0m	Seeding and 50mm Tubestock	0.01 grams / 6
CAR asp	Carex appressa	Blundick	1.0m x 1.0m	Seeding and 50mm Tubestock	0.01 grams / 6
GAH sed	Gahnia sedifolia	Red-Fruit sedge	2.0m x 2.0m	Seeding and 50mm Tubestock	0.01 grams / 0.5
IMP cyl	Imperata cylindrica	Blady Grass	1.0m x 0.3m	Seeding and 50mm Tubestock	0.01 grams / 4
ISO nod	Isoplepis nodosa	Koolbilly Club Rush	1.0m x 2m	Seeding and 50mm Tubestock	0.01 grams / 0.5
JUN uti	Junus ulicifolia	Tassel Sedge	1.0m x 1.0m	Seeding and 50mm Tubestock	0.01 grams / 1
LOM lan	Lomatia lanifolia	Spiry-head-mat-rush	1.2m x 1.0m	Seeding and 50mm Tubestock	0.01 grams / 1
GRASSES & GROUNDCOVERS THAT FALL IN APZ ZONE					
LOM lan	Lomatia lanifolia L.M500 PBR	Lomatia Tanka	0.80m x 0.60m	Seeding and 50mm Tubestock	0.01 grams / 0.5
LOM nya	Nyctelia Lomatia lanifolia L.M500 PBR	Lomatia Nyctelia	0.80m x 0.60m	Seeding and 50mm Tubestock	0.01 grams / 0.5
LOM lan	Lomatia lanifolia Kattinus Clear PBR	Lomatia lanifolia	0.70m x 0.70m	Seeding and 50mm Tubestock	0.01 grams / 0.5
LJR jun	Justi Rightii Lycopodium L.SU PBR	Lycopodium Just Right	0.50m x 0.50m	Seeding and 50mm Tubestock	0.01 grams / 1
LJR lab	Justi Rightii Lycopodium L.SU PBR	Lycopodium labella	0.40m x 0.50m	Seeding and 50mm Tubestock	0.01 grams / 0.3
LJR are	Justi Rightii Lycopodium L.SU PBR	Lycopodium areolatum	0.40m x 0.40m	Seeding and 50mm Tubestock	0.01 grams / 1
CAR gla	Carex appressa L.M500 PBR	Carex appressa	0.30m x 2m	Seeding and 50mm Tubestock	0.01 grams / 1
ENT sr	Eriosema stricta	Wiry Plant	0.50m x 0.30m	Seeding	0.01 grams
IMP cyl	Imperata cylindrica	Blady Grass	1.0m x 0.3m	Seeding	0.01 grams
THE aus	Themeda australis	Kangaroo Grass	1m x 0.5m	Seeding	0.01 grams
PTE esc	Pteridium esculentum	Bracken Fern	2m x 1.2m	Seeding	0.01 grams
LOM sel	Lomatia selicola	Twisted Manrush	0.50m x 0.50m	Seeding	0.01 grams

APZ PLANTING					
TREES, SEEDING & TUBESTOCK - SMOOTH-BARKED APPLE - RED BLOODWOOD OPEN FOREST					
AREA- 27240.5 m2					
PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT AND SPREAD	CONTAINER SIZE	PLANTS PER M2
TREES					
ANG cos	Angophora costata	Smooth-Barked Apple	25m x 15m	100L	as shown
COR gam	Corymbia garriveri	Red Bloodwood	30m x 10m	100L	as shown
EUC pip	Eucalyptus piperita	Brown Stringybark	20m x 15m	100L	as shown
EUC gla	Eucalyptus globulus	White Stringybark	20m x 15m	100L	as shown
EUC jam	Eucalyptus jamnathii	Grey Gum	20m x 15m	100L	as shown
STN gla	Synotaxia glauca	Turpentine	18m x 8m	100L	as shown
ALL ter	Allocasuarina teretifolia	Forest Oak	10m x 7m	100L	as shown
SHRUBS					
ACA ter	Acacia terminalis	Sunshine Wattle	3m x 2m	Seeding and 50mm Tubestock	0.01 grams / 0.5
ACA uti	Acacia ulicifolia	Prickly Moses	2m x 2m	Seeding and 50mm Tubestock	0.01 grams / 0.5
BAN spr	Banksia spruceana	Hairpin Banksia	3m x 2.5m	Seeding and 50mm Tubestock	0.01 grams / 0.5
LEP int	Leptospermum integrum	Slender Tea-tree	6m x 1.4m	Seeding and 50mm Tubestock	0.01 grams / 1
LOM sel	Lomatia selicola	Wild Parsley	6m x 3m	Seeding and 50mm Tubestock	0.01 grams / 0.3
PER lev	Persea levea	Broad-Leaved Geebung	3m x 1m	Seeding and 50mm Tubestock	0.01 grams / 1
PER lan	Persea lanata	Narrow-Leaved Geebung	3m x 0.7m	Seeding and 50mm Tubestock	0.01 grams / 1
PUL euc	Pultanea eucalyptifolia	Large-flower Bush-rose	1.5m x 2m	Seeding and 50mm Tubestock	0.01 grams / 0.5
PTT und	Phytolobum undulatum	Sweet Pittosporum	12m x 7m	Seeding and 50mm Tubestock	0.01 grams / 0.3
XAN lat	Xanthorrhoea latifolia	Grass Tree	2m x 1.5m	Seeding and 50mm Tubestock	0.01 grams / 0.8
TET jun	Tetradlea juncea	Black-eyed Susan	0.5m x 0.3m	Seeding and 50mm Tubestock	0.01 grams / 4
GRASSES & GROUNDCOVERS					
LOM lan	Lomatia lanifolia L.M500 PBR	Lomatia Tanka	0.80m x 0.60m	Seeding and 50mm Tubestock	0.01 grams / 0.5
LOM nya	Nyctelia Lomatia lanifolia L.M500 PBR	Lomatia Nyctelia	0.80m x 0.60m	Seeding and 50mm Tubestock	0.01 grams / 0.5
LOM lan	Lomatia lanifolia Kattinus Clear PBR	Lomatia lanifolia	0.70m x 0.70m	Seeding and 50mm Tubestock	0.01 grams / 0.5
LJR jun	Justi Rightii Lycopodium L.SU PBR	Lycopodium Just Right	0.50m x 0.50m	Seeding and 50mm Tubestock	0.01 grams / 1
LJR lab	Justi Rightii Lycopodium L.SU PBR	Lycopodium labella	0.40m x 0.50m	Seeding and 50mm Tubestock	0.01 grams / 0.3
LJR are	Justi Rightii Lycopodium L.SU PBR	Lycopodium areolatum	0.40m x 0.40m	Seeding and 50mm Tubestock	0.01 grams / 1
CAR gla	Carex appressa L.M500 PBR	Carex appressa	0.30m x 2m	Seeding and 50mm Tubestock	0.01 grams / 1
ENT sr	Eriosema stricta	Wiry Plant	0.50m x 0.30m	Seeding	0.01 grams
IMP cyl	Imperata cylindrica	Blady Grass	1.0m x 0.3m	Seeding	0.01 grams
THE aus	Themeda australis	Kangaroo Grass	1m x 0.5m	Seeding	0.01 grams
PTE esc	Pteridium esculentum	Bracken Fern	2m x 1.2m	Seeding	0.01 grams
LOM sel	Lomatia selicola	Twisted Manrush	0.50m x 0.50m	Seeding	0.01 grams

NOTE: Trees as shown - Large tree pot sizes to be disposed evenly throughout the area.

ASB ED ARRIVAL					
AREA- 4,497m2					
PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT AND SPREAD	CONTAINER SIZE	PLANTS PER M2
SHRUBS					
ACA myr	Acacia myrtifolia	Red-Stemmed Wattle	3m x 3.0m	300mm	0.15
ACA ter	Acacia terminalis	Sunshine Wattle	3m x 2m	300mm	0.25
ACA uti	Acacia ulicifolia	Prickly Moses	2m x 2m	300mm	0.25
ACM uni	Acrota uniflora	Cotton Lily Fly	5m x 2m	300mm	0.15
BAN spr	Banksia spruceana	Hairpin Banksia	3m x 2.5m	300mm	0.2
CAL il	Callistemon 'Little Jamb'	Bottlebrush	0.90m x 1.2m	300mm	1
DAV uti	Davallia ulicifolia	Green Bitter Pea	2m x 1m	300mm	0.15
DOR asc	Doryssa ascotata	Ornamental	4m x 2m	300mm	0.35
EPA pul	Eggersia pulchella	NSW Coral Heath	1.5m x 1m	300mm	1
GER oc	Grevillea 'Gold Cluster'	Gold Cluster Grevillea	0.3m x 1m	300mm	1
LEP int	Leptospermum integrum	Slender Tea-tree	6m x 1.4m	300mm	0.5
LEU lan	Leucopogon lanceolatus	Lance-leaved beard's heath	2m x 1m	300mm	1
LIC can	Licuala canaliculata	Fair Palm	15m High	300mm	1
LOM sel	Lomatia selicola	Wild Parsley	6m x 3m	300mm	0.15
MAC com	Macrozamia communis	Burrahead	2.0m x 2.0m	300mm	0.25
PER lan	Persea lanata	Narrow Leaved Geebung	3m x 0.7m	300mm	1.25
PUL euc	Pultanea eucalyptifolia	Large-flower Bush-rose	2m x 2m	300mm	0.15
TEL spe	Tetradlea speciosa	Wandoo	3m x 3m	300mm	0.2
XAN lat	Xanthorrhoea latifolia	Grass Tree	2m x 1.5m	150mm	0.15
SHADE TOLERANT SHRUBS, GRASSES & GROUNDCOVERS					
ACI red	Agrostis communis Red Carpet	Cheer-o-green	0.6m x 0.60m	150mm	5
CHL com	Chlorophytum comosum	Spider Plant	0.6m x 0.25m	150mm	5
DRA tr	Drosera inflexata	Mother-in-Law Tongue	1.2m x 0.5m	300mm	4
MON del	Monarda deltoidea	Spice Leaf Phlox	2.5m x 2m	300mm	4
MON ala	Monarda alba	White Phlox	2.5m x 2m	300mm	4
PER lan	Persea lanata	Narrow Leaved Geebung	3m x 0.7m	300mm	4
PHS pur	Pharusia purpurascens	Whiteoak	0.2m x 2m	300mm	4
ASP ala	Asplenium platyneuron	Flamingo Lily	0.6m x 0.4m	150mm	5
CAL seb	Calceolaria selicola	Coast Iron Plant	1m x 1.5m	300mm	4
CAL mah	Calceolaria maculata	Peacock Plant	0.8m x 0.5m	300mm	4
SPA wal	Sparganium wallichii				

PLANTING ELEVATED GARDEN, SCHEDULE ARRIVAL, JHH INTERNAL STREET & ASB CAR PARK FACADE

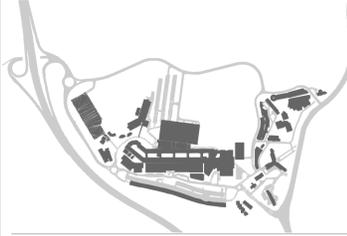


Level 8, Angel Place, 123 Pitt Street | Sydney NSW 2000
Australia | +61 2 8233 9900
URBIS Pty Ltd | ABN 50 105 256 228

CLIENT



KEY PLAN



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GENERAL NOTES

- THE PLAN MUST BE READ IN CONJUNCTION WITH THE SPECIFICATION WHICH ALSO CONTAINS THE SCHEDULE OF LANDSCAPE WORKS AND PLANT SCHEDULE.
- ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ASSOCIATED DRAWINGS BY OTHER CONSULTANTS, e.g. ENGINEERS.
- DO NOT SCALE FROM DRAWING PACKAGE, USE NOMINATED DIMENSIONS AND LEVELS.
- REFER TO THE TREE PROTECTION PLAN (AND POTENTIAL TREE ASSESSMENT REPORT) FOR DETAILS OF EXISTING TREES TO BE REMOVED, RETAINED OR PLANTED.
- THE CONTRACTOR MUST REFER ANY DISCREPANCIES TO THE SUPERINTENDENTS REPRESENTATIVE BEFORE PROCEEDING WITH WORKS.
- LOCATE AND PROTECT ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION. MAKE GOOD ALL DAMAGE.
- THESE DRAWINGS ARE TO BE PRINTED IN COLOUR.
- FOR LEGEND REFER TO LEGEND SHEET LD_00-A10-XX-01.
- FOR DETAILED DESCRIPTION OF EACH LANDSCAPE AREA REFER TO LANDSCAPE AREAS SCHEDULE.
- NUMBERS ON LANDSCAPE AREAS ARE REFERRING TO THE LANDSCAPE SPACE INDEX.
- IRRIGATION DESIGN TO BE DEVELOPED AND COORDINATED AT DESIGN DEVELOPMENT.

ELEVATED GARDEN AREA- 2,970m ²						
PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT AND SPREAD	CONTAINER SIZE	PLANTS PER M ²	
TREES						
AL1 ter	<i>Alnus incana</i>	Forest Oak	10m x 7m	100L	as shown	
TR1 ter	<i>Tristania laurina</i>	Water Gum	15m x 6m	100L	as shown	
WAT fo	<i>Waterhousea floribunda</i>	Weeping Lily Pilly	10m x 8m	100L	as shown	
ELA ter	<i>Elaeagnus reticulata</i>	Blueberry Ash	12m x 5m	100L	as shown	
ELC ter	<i>Eucalyptus melanocarpa</i>	Grey Box	15m x 5m	100L	as shown	
CUP ter	<i>Cupressus annectans</i>	Tuckeroo	12m x 5m	100L	as shown	
BAN ter	<i>Banksia integrifolia</i>	Coastal Banksia	15m x 6m	200L	as shown	
BR1 ter	<i>Brachyotum jarrahense</i>	Jarrahia Red	8m x 7m	100L	as shown	
OLE ter	<i>Olea europaea</i>	Common Olive	7m x 4m	200L	as shown	
PHY ter	<i>Phytolacca dioica</i>	Southwest Dancer	7m x 4.5m	200L	as shown	
LAG ter	<i>Lagotis linearis</i>	Natchez	8m x 6m	100L	as shown	
SHRUBS						
ACA ter	<i>Acacia myrtifolia</i>	Red-Stemmed Wattle	3m x 3.0m	300mm	0.15	
ACA ter	<i>Acacia terminalis</i>	Burnshin Wattle	3m x 2m	300mm	0.25	
ACA ter	<i>Acacia ulicifolia</i>	Thicket Wattle	2m x 2m	300mm	0.25	
ACA ter	<i>Acrotaea amabilis</i>	Common Lily Pilly	5m x 3m	300mm	0.15	
BAN ter	<i>Banksia spinulosa</i>	Hairy Banksia	3m x 2.5m	300mm	0.2	
CAL ter	<i>Callistemon luteo-jubae</i>	Bobbinhead	0.50m x 1.5m	300mm	0.75	
DAV ter	<i>Davallia ulicifolia</i>	Genee Bitter Pea	2m x 1m	300mm	1	
DOR ter	<i>Doryanthes excelsa</i>	Cymea Lily	4m x 2m	300mm	0.25	
EPA ter	<i>Epacris pulchella</i>	NSW Coral Heath	1.5m x 1m	300mm	1	
GRE GC	<i>Grewia 'Gold Cluster'</i>	Gold Cluster Grewia	0.3m x 1m	300mm	1	
LEP ter	<i>Leptocarpum striatum</i>	Slender Tea-Tree	6m x 1.5m	300mm	0.6	
LEU ter	<i>Leucophaea lanceolata</i>	Lance-leaved Beard-heath	2m x 1m	300mm	1	
LUC ter	<i>Lucala namayi</i>	Fair Palm	15m High	300mm	1	
LOR ter	<i>Lomatia striolata</i>	Watt Parakee	6m x 3m	300mm	0.15	
MAC ter	<i>Macraea communis</i>	Burnswag	2.0m x 2.0m	300mm	0.25	
PER ter	<i>Penstemon lineatus</i>	Narrow-leaved Gnebung	3m x 0.7m	300mm	1.25	
PLA ter	<i>Platanus vitacea</i>	Hairy Pea Bush	2m x 3m	300mm	0.15	
TEL ter	<i>Telopea speciosissima</i>	Waratah	3m x 3m	300mm	0.2	
XAN ter	<i>Xanthorrhoea latifolia</i>	Grass Tree	2m x 1.5m	150mm	0.15	
GRASSES & GROUNDCOVERS						
ANI ter	<i>Angioanthus hybridus</i>	Angioanthus Amber Velvet	0.50m x 0.40m	150mm	5	
ANI ter	<i>Angioanthus hybridus</i>	Angioanthus Everlasting Gold	0.50m x 0.40m	150mm	5	
AUS ter	<i>Austroderia fulva</i>	Walkley Grass	0.10m x 0.5m	150mm	3	
BAU ter	<i>Baumea articulata</i>	Jarrah Twig Rush	2.5m x 2m	150mm	0.5	
CAR ter	<i>Carex appressa</i>	Tall Sedge	1m x 0.80m	150mm	3	
CHB ter	<i>Chrysanthemum apiculatum</i>	Yellow Buttons	0.3m x 0.5m	150mm	5	
CHP ter	<i>Cynryctopus reticulatus</i>	Red-top Grass	1m x 1m	150mm	3	
DAV ter	<i>Davallia lanellata</i>	Blue Flat Lily	1m x 2m	150mm	0.5	
DOR ter	<i>Doryanthes excelsa</i>	Short-haired Plumbe Grass	1m x 1m	150mm	5	
DOR ter	<i>Doryanthes excelsa</i>	Hedgehog Grass	150mm	5		
ENT ter	<i>Entolasia striata</i>	Wiry Parakee	0.50m x 0.30m	150mm	5	
HIB ter	<i>Hibbertia scandens</i>	Snake Vine	3m x 5m	150mm	0.5	
IMP ter	<i>Impatiens cynodioides</i>	Slaty Grass	1.0m x 0.3m	150mm	5	
ISD ter	<i>Isoplepis mollis</i>	Knobly Club Rush	1m x 1m	150mm	3	
JUN ter	<i>Juncus acutiflorus</i>	Tussock Rush	1.2m x 0.5m	150mm	5	
LIL ter	<i>Lilippe muscari</i>	Lily Tuft	0.5m x 0.5m	150mm	5	
LOR ter	<i>Lomatia longifolia</i>	Spiry-headed Mat-Rush	1.2m x 1.0m	150mm	2	
MPO ter	<i>Myoporum parviflorum 'Yarensii'</i>	Yarensii Creeping Boobialla	0.10m x 1m	150mm	2	
POA ter	<i>Poa labillardieri</i>	Common Tussock Grass	1m x 0.5m	150mm	5	
POA ter	<i>Poa labillardieri</i>	Whitewort	0.20m x 2m	150mm	1	
THE ter	<i>Themeda australis</i>	Kangaroo Grass	1m x 0.5m	150mm	5	
VIO ter	<i>Viola hederacea</i>	Native Violet	0.15m x 1m	150mm	5	
ZIE ter	<i>Zieria verticillata</i>	Sanfillly Zieria	2m x 1m	300mm	2	
SENSORY PLANTING						
ALL ter	<i>Allium schoenoprasum</i>	Chives	0.6m x 0.1m	150mm	10	
ALO ter	<i>Aloe vera barbadensis</i>	Aloe	0.6m x 0.60m	150mm	3	
BR1 ter	<i>Brachyotum jarrahense</i>	Native Daisy	0.2m x 0.3m	150mm	5	
BR1 ter	<i>Briza maxima</i>	Greater Quaking Grass	0.6m x 0.3m	150mm	5	
CAL ter	<i>Callitriche officinalis</i>	Pot Marigold	0.75m x 0.45m	150mm	5	
COG ter	<i>Cosmos atromarginatus</i>	Chocolate cosmos	0.75m x 0.45m	150mm	5	
HEL ter	<i>Helichrysum italicum</i>	Curry Plant	0.90m x 0.50m	150mm	5	
HOU ter	<i>Houttuynia cordata 'Chameleon'</i>	Chameleon Plant	0.30m x 0.30m	150mm	5	
LAV ter	<i>Lavandula angustifolia</i>	Lavender	0.90m x 0.90m	150mm	5	
MIS ter	<i>Miscanthus oligostachyus 'Nanus Variegatus'</i>	Miscanthus	150mm	5		
PEL ter	<i>Penstemon crispus</i>	Lemon Scented Geranium	150mm	5		
PER ter	<i>Peristemon alpestris</i>	Fountain Grass	150mm	5		
PHL ter	<i>Phlomis tuberosa</i>	Jerusalem Sage	150mm	5		
ROS ter	<i>Rosmarinus officinalis</i>	Rosemary	150mm	5		
SAL ter	<i>Salvia argentea</i>	Silver Sage	150mm	5		
STA ter	<i>Stachys byzantina</i>	Lamb's Ear	150mm	5		
FERNS						
ASP ter	<i>Asplenium australasicum</i>	Bird's Nest Fern	1.2m x 1.2m	300mm	1	
BLF ter	<i>Becheum cartilagineum</i>	Soft Water Fern	1.5m x 1.5m	300mm	0.75	
DOO ter	<i>Doodia aspera</i>	Prickly Rasp Fern	0.4m x 0.6m	150mm	5	
CAL ter	<i>Calochortus dubus</i>	False Bracken	2m x 1.5m	300mm	0.75	

SOUTHERN ARRIVAL FORECOURT AREA- 6,335 m ²						
PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT AND SPREAD	CONTAINER SIZE	PLANTS PER M ²	
TREES						
ANG ter	<i>Angophora costata</i>	Smooth-Barked Apple	25m x 15m	400L	as shown	
ANG ter	<i>Angophora floribunda</i>	Rough-Barked Apple	25m x 20m	300L	as shown	
BAC ter	<i>Baccharis confertifolia</i>	Lemon Scented Myrtle	20m x 6m	400L	as shown	
ELC ter	<i>Eucalyptus globulus</i>	White Stringybark	20m x 15m	200L	as shown	
ELC ter	<i>Eucalyptus pauciflora</i>	Sydney Paperbark	20m x 15m	200L	as shown	
ELC ter	<i>Eucalyptus melanocarpa</i>	Grey Box	15m x 5m	400L	as shown	
STY ter	<i>Syzygium glaucinervis</i>	Turpentine	15m x 6m	200L	as shown	
AL1 ter	<i>Alnus incana</i>	Forest Oak	10m x 7m	200L	as shown	
TR1 ter	<i>Tristania laurina</i>	Water Gum	15m x 6m	200L	as shown	
CUP ter	<i>Cupressus annectans</i>	Tuckeroo	12m x 5m	200L	as shown	
BAN ter	<i>Banksia integrifolia</i>	Coastal Banksia	15m x 6m	200L	as shown	
BR1 ter	<i>Brachyotum jarrahense</i>	Jarrahia Red	8m x 7m	100L	as shown	
OLE ter	<i>Olea europaea</i>	Common Olive	7m x 4m	200L	as shown	
PHY ter	<i>Phytolacca dioica</i>	Southwest Dancer	7m x 4.5m	200L	as shown	
LAG ter	<i>Lagotis linearis</i>	Natchez	8m x 6m	100L	as shown	
SHRUBS						
ACA ter	<i>Acacia myrtifolia</i>	Red-Stemmed Wattle	3m x 3.0m	300mm	0.3	
ACA ter	<i>Acacia terminalis</i>	Burnshin Wattle	3m x 2m	300mm	0.5	
ACA ter	<i>Acrotaea amabilis</i>	Common Lily Pilly	5m x 3m	300mm	0.3	
BAN ter	<i>Banksia spinulosa</i>	Hairy Banksia	3m x 2.5m	300mm	0.3	
CAL ter	<i>Callistemon luteo-jubae</i>	Bobbinhead	0.30m x 1.5m	300mm	1	
DAV ter	<i>Davallia ulicifolia</i>	Genee Bitter Pea	2m x 1m	300mm	1	
DOR ter	<i>Doryanthes excelsa</i>	Cymea Lily	4m x 2m	300mm	0.5	
EPA ter	<i>Epacris pulchella</i>	NSW Coral Heath	1.5m x 1m	300mm	1	
GRE GC	<i>Grewia 'Gold Cluster'</i>	Gold Cluster Grewia	0.3m x 1m	300mm	1	
LEP ter	<i>Leptocarpum striatum</i>	Slender Tea-Tree	6m x 1.5m	300mm	1	
LEU ter	<i>Leucophaea lanceolata</i>	Lance-leaved Beard-heath	2m x 1m	300mm	1	
LUC ter	<i>Lucala namayi</i>	Fair Palm	15m High	300mm	1	
LOR ter	<i>Lomatia striolata</i>	Watt Parakee	6m x 3m	300mm	0.2	
MAC ter	<i>Macraea communis</i>	Burnswag	2.0m x 2.0m	300mm	0.5	
PER ter	<i>Penstemon lineatus</i>	Narrow-leaved Gnebung	3m x 0.7m	300mm	1	
TEL ter	<i>Telopea speciosissima</i>	Waratah	3m x 3m	300mm	0.3	
XAN ter	<i>Xanthorrhoea latifolia</i>	Grass Tree	2m x 1.5m	150mm	0.8	
GRASSES & GROUNDCOVERS						
ANI ter	<i>Angioanthus hybridus</i>	Angioanthus Amber Velvet	0.50m x 0.40m	150mm	3	
ANI ter	<i>Angioanthus hybridus</i>	Angioanthus Everlasting Gold	0.50m x 0.40m	150mm	3	
AUS ter	<i>Austroderia fulva</i>	Walkley Grass	0.10m x 0.5m	150mm	3	
BAU ter	<i>Baumea articulata</i>	Jarrah Twig Rush	2.5m x 2m	150mm	0.5	
CAR ter	<i>Carex appressa</i>	Tall Sedge	1m x 0.80m	150mm	3	
CHB ter	<i>Chrysanthemum apiculatum</i>	Yellow Buttons	0.3m x 0.5m	150mm	2	
CHP ter	<i>Cynryctopus reticulatus</i>	Red-top Grass	1m x 1m	150mm	3	
DAV ter	<i>Davallia lanellata</i>	Blue Flat Lily	1m x 2m	150mm	0.5	
DOR ter	<i>Doryanthes excelsa</i>	Short-haired Plumbe Grass	1m x 1m	150mm	5	
DOR ter	<i>Doryanthes excelsa</i>	Hedgehog Grass	150mm	5		
ENT ter	<i>Entolasia striata</i>	Wiry Parakee	0.50m x 0.30m	150mm	5	
HIB ter	<i>Hibbertia scandens</i>	Snake Vine	3m x 5m	150mm	0.2	
IMP ter	<i>Impatiens cynodioides</i>	Slaty Grass	1.0m x 0.3m	150mm	4	
ISD ter	<i>Isoplepis mollis</i>	Knobly Club Rush	1m x 1m	150mm	1	
JUN ter	<i>Juncus acutiflorus</i>	Tussock Rush	1.2m x 0.5m	150mm	2	
LEP ter	<i>Leptocarpum striatum</i>	Slender Tea-Tree	6m x 1.5m	150mm	1	
LIL ter	<i>Lilippe muscari</i>	Lily Tuft	0.5m x 0.5m	150mm	2	
LOR ter	<i>Lomatia longifolia</i>	Spiry-headed Mat-Rush	1.2m x 1.0m	150mm	1	
MPO ter	<i>Myoporum parviflorum 'Yarensii'</i>	Yarensii Creeping Boobialla	0.10m x 1m	150mm	1	
POA ter	<i>Poa labillardieri</i>	Common Tussock Grass	1m x 0.5m	150mm	2	
POA ter	<i>Poa labillardieri</i>	Whitewort	0.20m x 2m	150mm	0.5	
THE ter	<i>Themeda australis</i>	Kangaroo Grass	1m x 0.5m	150mm	2	
VIO ter	<i>Viola hederacea</i>	Native Violet	0.15m x 1m	150mm	1	
ZIE ter	<i>Zieria verticillata</i>	Sanfillly Zieria	2m x 1m	300mm	1	
SENSORY PLANTING						
ALL ter	<i>Allium schoenoprasum</i>	Chives	0.6m x 0.1m	150mm	10	
ALO ter	<i>Aloe vera barbadensis</i>	Aloe	0.6m x 0.60m	150mm	3	
BR1 ter	<i>Brachyotum jarrahense</i>	Native Daisy	0.2m x 0.3m	150mm	5	
BR1 ter	<i>Briza maxima</i>	Greater Quaking Grass	0.6m x 0.3m	150mm	5	
CAL ter	<i>Callitriche officinalis</i>	Pot Marigold	0.75m x 0.45m	150mm	5	
COG ter	<i>Cosmos atromarginatus</i>	Chocolate cosmos	0.75m x 0.45m	150mm	5	
HEL ter	<i>Helichrysum italicum</i>	Curry Plant	0.90m x 0.50m	150mm	5	
HOU ter	<i>Houttuynia cordata 'Chameleon'</i>	Chameleon Plant	0.30m x 0.30m	150mm	5	
LAV ter	<i>Lavandula angustifolia</i>	Lavender	0.90m x 0.90m	150mm	3	
MIS ter	<i>Miscanthus oligostachyus 'Nanus Variegatus'</i>	Miscanthus	150mm	5		
PEL ter	<i>Penstemon crispus</i>	Lemon Scented Geranium	150mm	5		
PER ter	<i>Peristemon alpestris</i>	Fountain Grass	150mm	5		

PLANTING SCHEDULE ASB COURTYARDS

ASB COURTYARDS					
AREA- 1,701.52m2					
PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT AND SPREAD	CONTAINER SIZE	PLANTS PER M2
SHADE TOLERANT SPECIES					
LEVEL 00 COURTYARD- 60-70%					
LEVEL 01 COURTYARD- 50%					
LEVEL 04 COURTYARD- 0%					
TREES					
ALL tree	Albizia julibrissin	Forest Oak	10m x 7m	100L	as shown
TR tree	Tristania bursaria	Water Gum	15m x 6m	100L	as shown
WAT tree	Waterhousea borbonica	Wrapping Lily Pilly	10m x 6m	100L	as shown
BLA tree	Elaeocarpus reticulatus	Blueberry Ash	12m x 5m	100L	as shown
ELC tree	Eucalyptus meliocalyx	Grey Box	15m x 5m	100L	as shown
CUP tree	Cupressus anandrodia	Tuckeroo	12m x 5m	100L	as shown
CYA tree	Cyathia coccoloba	Lacy Tree Fern	15m x 5m	100L	as shown
BAN tree	Banksia integrifolia	Coastal Banksia	15m x 6m	200L	as shown
BRF tree	Brachyotum jarrahifolium	Jarrahia Plant	8m x 7m	100L	as shown
OLE tree	Olea europaea	Common Olive	7m x 4m	200L	as shown
PYR tree	Pyrus 'Southwest Dancer'	Southwest Dancer	7m x 4.5m	200L	as shown
LAG tree	Lagotis linearis	Wattle	8m x 6m	100L	as shown
SPOTTED GUM - GREY IRONBARK OPEN FOREST - SHRUBS					
ACA shr	Acacia ulicifolia	Picky Moses	2m x 2m	300mm	0.5
BAN shr	Banksia apriculata	Hairy Banksia	3m x 2.5m	300mm	0.5
BRF shr	Bryonia oblongifolia	Coffee Bush	3m x 3m	300mm	0.3
DAV shr	Davallia ulicifolia	Gorse Bitter Pea	2m x 1m	300mm	1
DOD tree	Dodonaea viscosa	Large-Leaf Hop Bush	3m x 2m	300mm	0.5
EPH shr	Epacris paludosa	NEW Gorse Heath	1.5m x 1m	300mm	1
MAC shr	Macraea communis	Burrowing	2.0m x 2.0m	150mm	0.5
PUL tree	Pultanea acutifolia	Large-Power Bush-pea	1.5m x 2m	300mm	0.5
SMOOTH-BARKED APPLE - RED BLOODWOOD OPEN FOREST - SHRUBS					
ACA shr	Acacia terminalis	Surrahine Wattle	3m x 2m	300mm	0.5
ACA shr	Acacia ulicifolia	Picky Moses	2m x 2m	300mm	0.5
BAN shr	Banksia apriculata	Hairy Banksia	3m x 2.5m	300mm	0.5
LEP tree	Leptospermum trinervium	Slender Tea-tree	6m x 1.4m	300mm	1
LOM shr	Lomandra striatata	Wild Parakee	8m x 3m	300mm	0.3
PER tree	Persea laevis	Broad-Leaved Gaeberg	3m x 1m	300mm	1
PER tree	Persea laevis	Narrow-Leaved Gaeberg	3m x 0.7m	300mm	1
PUL tree	Pultanea acutifolia	Large-Power Bush-pea	1.5m x 2m	300mm	0.5
TET tree	Taraxia juncea	Black-eyed Susan	0.5m x 0.5m	300mm	4
SMOOTH BARKED APPLE - SYDNEY PEPPERMINT -TURPENTINE FOREST SHRUBS					
ACA shr	Acacia myrtifolia	Red-Stemmed Wattle	3m x 3.0m	300mm	0.15
BAN shr	Banksia apriculata	Hairy Banksia	3m x 2.5m	300mm	0.25
BRF shr	Bryonia oblongifolia	Coffee Bush	3m x 3m	300mm	0.25
DAV shr	Davallia ulicifolia	Gorse Bitter Pea	2m x 1m	300mm	0.15
DOD tree	Dodonaea viscosa	Large-Leaf Hop Bush	3m x 2m	300mm	0.2
LEP shr	Leptospermum pygmaeum	Lemon Scented Tea Tree	3m x 2m	300mm	0.75
LEU tree	Leucopogon lanceolatus	Lance-leaved Saweet Heath	2m x 1m	300mm	1
KAN tree	Kanthonia latifolia	Grass Tree	2m x 1.5m	150mm	0.35
ZIE tree	Zamia integrifolia	Barrelly Zamia	2m x 1m	300mm	1
ENDEMIC SHRUBS					
ACA shr	Acacia myrtifolia	Red-Stemmed Wattle	3m x 3.0m	300mm	0.3
ACA shr	Acacia terminalis	Surrahine Wattle	3m x 2m	300mm	0.5
ACM tree	Acmena smithii	Common Lily Pilly	6m x 3m	300mm	0.3
CAL tree	Callistemon 'Little John'	Boobybrush	0.9m x 1.5m	300mm	0.8
DCR tree	Dorycnium occidentale	Sydney Lily	4m x 2m	300mm	0.5
SPOTTED GUM - GREY IRONBARK OPEN FOREST - GRASSES & GROUNDCOVERS					
BLA tree	Elaeocarpus reticulatus	Blueberry Ash	1.5m x 3m	150mm	0.3
ENT tree	Erioseba stricta	Winy Plant	0.50m x 0.30m	150mm	4
IMP tree	Imperata cylindrica	Brady grass	1.0m x 0.3m	150mm	4
LOM tree	Lomandra longifolia	Twisted Manrush	0.50m x 0.50m	150mm	2
THE tree	Themeda australis	Kangaroo Grass	1m x 0.5m	150mm	2
PTE tree	Pennisetum accutatum	Bracken Fern	2m x 1.2m	150mm	1
SMOOTH BARKED APPLE - RED BLOODWOOD OPEN FOREST - GRASSES & GROUNDCOVERS					
BLA tree	Elaeocarpus reticulatus	Blueberry Ash	1.5m x 3m	150mm	0.3
ENT tree	Erioseba stricta	Winy Plant	0.50m x 0.30m	150mm	4
IMP tree	Imperata cylindrica	Brady grass	1.0m x 0.3m	150mm	4
LOM tree	Lomandra longifolia	Twisted Manrush	0.50m x 0.50m	150mm	2
THE tree	Themeda australis	Kangaroo Grass	1m x 0.5m	150mm	2
PTE tree	Pennisetum accutatum	Bracken Fern	2m x 1.2m	150mm	1
SMOOTH BARKED APPLE - SYDNEY PEPPERMINT -TURPENTINE FOREST GRASSES & GROUNDCOVERS					
DIA tree	Dianella caerulea var. prostrata	Blue Flax Lily	5m x 2m	150mm	0.5
DIC tree	Dichondra repens	Kidney Weed	0.15m x 1.8m	150mm	0.5
ENT tree	Erioseba stricta	Winy Plant	0.50m x 0.30m	150mm	4
IMP tree	Imperata cylindrica	Brady grass	1.0m x 0.3m	150mm	4
MAC tree	Macraea communis	Burrowing	2.0m x 2.0m	150mm	0.5
PRP tree	Phalaena purpurascens	Whitefoot	0.20m x 2m	150mm	0.5
VID tree	Viola hederacea	ivy-leaved Violet	0.15m x 1m	150mm	1

ENDEMIC GRASSES & GROUNDCOVERS					
ANI tree	Angicostem hybrid	Angicostem	0.50m x 0.40m	150mm	4
ANI tree	Angicostem hybrid	Angicostem	0.50m x 0.40m	150mm	4
AUS tree	Austrodermophyllum	Woolly Grass	0.15m x 0.9m	150mm	4
BAU tree	Baumea articulata	Jointed Twig Rush	2.5m x 2m	150mm	1
CAR tree	Carex appressa	Tall Sedge	1m x 0.80m	150mm	0.5
CHR tree	Chrysanthemum spicatum	Yellow Buttons	0.3m x 0.5m	150mm	1
CYM tree	Cymbopogon refractus	Barbed Wire Grass	1m x 0.8m	150mm	3
DIA tree	Dianella caerulea var. prostrata	Blue Flax Lily	5m x 2m	150mm	0.5
DIC tree	Dichondra repens	Kidney Weed	0.15m x 1.8m	150mm	0.5
ECR tree	Echinochloa crusgalli	Hedgehog Grass	0.3m x 0.2m	150mm	5
EBV tree	Elymus scaber	Beard Grass	3m x 5m	150mm	0.2
ESD tree	Erioseba stricta	Kidney Weed	0.5m x 0.3m	150mm	1
JAN tree	Juncus setaceus	Tussock Rush	1.2m x 0.5m	150mm	3
LRM tree	Liriodendron	Lily Turf	0.5m x 0.5m	150mm	1
MFO tree	Mycoporum porphyroanthum	Yareena Creeping Boobialla	0.15m x 1m	150mm	2
PCA tree	Poa latifolia	Common Tussock Grass	1m x 0.5m	150mm	1
PRP tree	Phalaena purpurascens	Whitefoot	0.20m x 2m	150mm	1
THE tree	Themeda australis	Kangaroo Grass	1m x 0.5m	150mm	3
VID tree	Viola hederacea	ivy-leaved Violet	0.15m x 1m	150mm	3
ZIE tree	Zamia integrifolia	Barrelly Zamia	2m x 1m	300mm	1
FERNS					
ASP tree	Asplenium australasicum	Bird's Nest Fern	1.2m x 1.2m	300mm	1
BLE tree	Blechnum cartilagineum	Soft Water Fern	1.5m x 1.5m	300mm	0.75
DOD tree	Dodonaea viscosa	Picky Plant	0.4m x 0.8m	150mm	1
CAL tree	Callistemon luteus	False Bracken	2m x 1.5m	300mm	0.75
SENSORY PLANTING					
ALL shr	Allium schoenoprasum	Chives	0.6m x 0.1m	150mm	5
ALO tree	Aloe vera barbadensis	Aloe	0.5m x 0.90m	150mm	1
BRP tree	Bryonia oblongifolia	Native Daisy	0.2m x 0.3m	150mm	5
BRP tree	Bryonia oblongifolia	Greater Quaking Grass	0.6m x 0.3m	150mm	5
CAL tree	Callistemon luteus	Pet Margold	0.8m x 0.6m	150mm	2
COS tree	Cosmos atrosanguinea	Chaucate Cosmos	0.75m x 0.45m	150mm	3
HEL tree	Heliotropium	Curry Plant	0.95m x 0.50m	150mm	2
HOU tree	Houttuynia cordata	Chameleon Plant	0.30m x 0.30m	150mm	4
LAV tree	Lavandula angustifolia	Lavender	0.90m x 0.90m	150mm	1
MAC tree	Macraea communis	Burrowing	2.0m x 2.0m	150mm	5
PER tree	Persea laevis	Lemon Scented Geranium	0.8m x 0.8m	150mm	5
PER tree	Persea laevis	Fourteen Grass	1.5m x 1m	150mm	5
RHJ tree	Rhus glabra	Jessamine Sage	1m x 1m	150mm	5
ROS tree	Rosa rugosa	Rosemary	2.4m x 1.2m	150mm	5
SAL tree	Salvia argentea	Silver Sage	0.8m x 0.6m	150mm	5
STA tree	Stachys byzantina	Lamb's Ears	0.3m x 1m	150mm	5

Planning, Industry & Environment

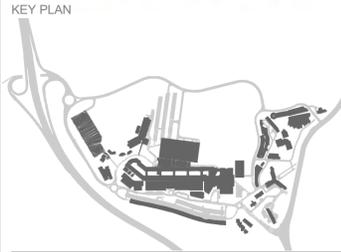
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Approved Application No: SSD-9351535 Signed: MF

Granted on the: 30 November 2021 Sheet No: 27 of 64



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- GENERAL NOTES**
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 6. LOCATE AND PROTECT ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION. MAKE GOOD ALL DAMAGE
 7. THESE DRAWINGS ARE TO BE PRINTED IN COLOUR
 8. FOR LEGEND REFER TO LEGEND SHEET LD_00-A10-XX-01
 9. FOR DETAILED DESCRIPTION OF EACH LANDSCAPE AREA REFER TO LANDSCAPE AREAS SCHEDULE
 10. NUMBERS ON LANDSCAPE AREAS ARE REFERRING TO THE LANDSCAPE SPACE INDEX
 11. IRRIGATION DESIGN TO BE DEVELOPED AND COORDINATED AT DESIGN DEVELOPMENT

B	100% SSDA ISSUE	MK	PJ	13/05/2021
A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DATE	CHK	DATE

PROJECT NAME & ADDRESS
JOHN HUNTER HEALTH & INNOVATION PRECINCT
Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR: Approver

DRAWING TITLE
PLANTING SCHEDULE COURTYARDS & INTERNAL

ISSUE PROJECT NO.
SSDA P0012689
SCALE
N.T.S

DRAWING NO. REVISION
LD_C0-A10-XX-04 B

PLOT DATE: 12/05/2021 17:35:20 AM

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**Planning,
Industry &
Environment**

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CLIENT



KEY PLAN

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D	100% SCHEMATIC DESIGN	MK	PJ	08/04/2021
C	100% DRAFT SD ISSUE	SP	PJ	26/03/2021
B	75% SD ISSUE	MK	PJ	29/01/2021
A	50% SD ISSUE	MK	PJ	14/12/2020

PROJECT NAME & ADDRESS

**JOHN HUNTER
HEALTH &
INNOVATION
PRECINCT**

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE
**SHEET SPLIT
SITE RELATED**

ISSUE PROJECT NO.

SSDA P0012689

SCALE

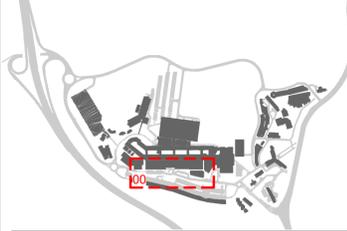
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PLOT DATE: 09/08/2021 3:15:01 PM

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A	100% DRAFT SD ISSUE	SP	PJ	26/03/2021

PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE

JHH ARRIVAL FORECOURT

ISSUE PROJECT NO.

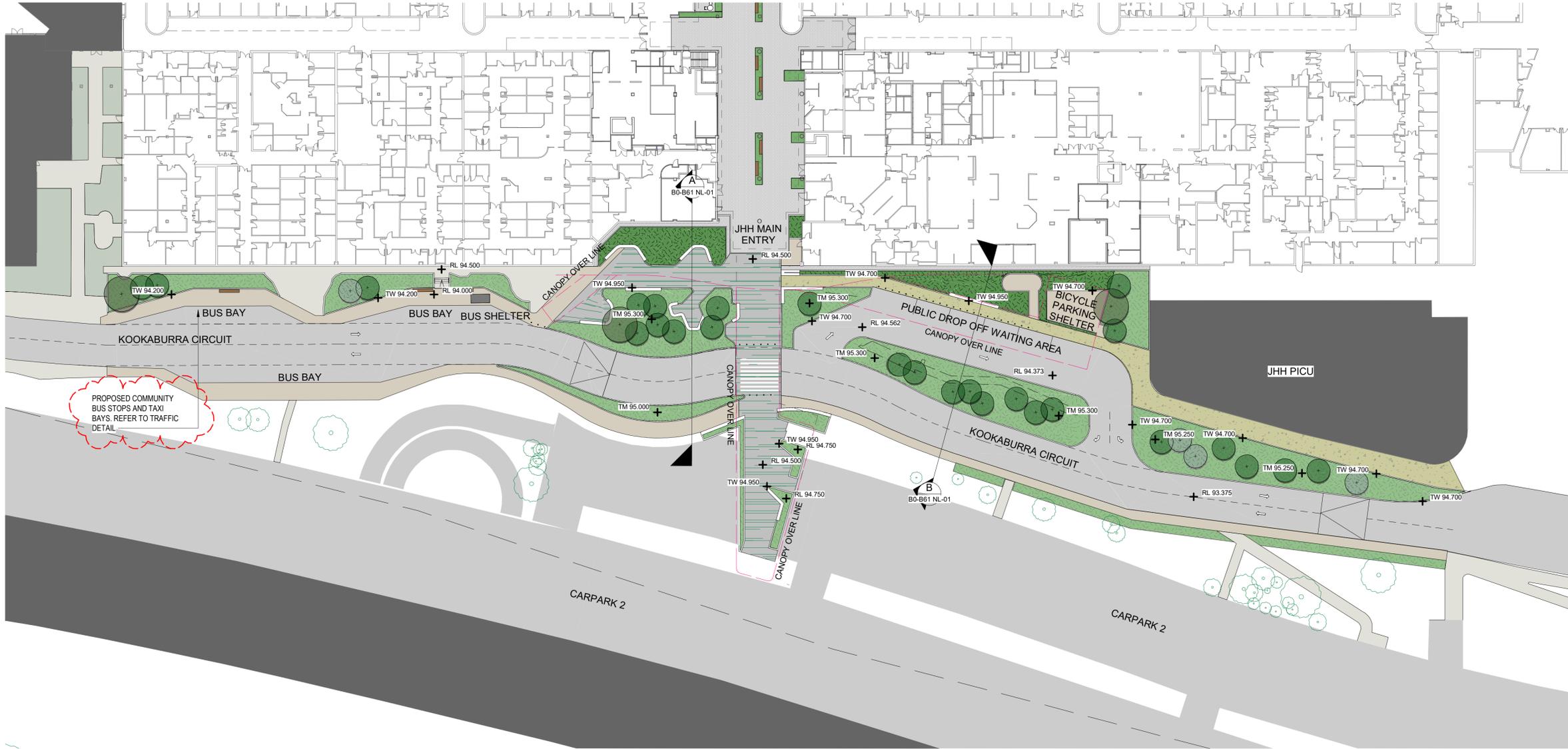
SSDA P0012689

SCALE

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LD_C0-B20 NL-00 D



PROPOSED COMMUNITY BUS STOPS AND TAXI BAYS. REFER TO TRAFFIC DETAIL

Planning, Industry & Environment

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Approved Application No: SSD-9351535 Signed: MF

Granted on the: 30 November 2021 Sheet No: 29 of 64

GENERAL LEGEND

INSITU CONCRETE PAVEMENT	FLAGSTONE PAVER	ARTIFICIAL TURF	TURF	STEPS & CONCRETE SEATING
FORECOURT PRECAST CONCRETE PAVER	FLAGSTONE IN GRAVEL	SEDUM GREEN ROOF	PROPOSED SMALL SIZED TREE (6-8m MATURE HEIGHT)	TABLE & BENCH SEATING
COURTYARD EXPOSED AGGREGATE PAVING	CONCOURSE BOUND GRAVEL PAVING	PATTERNED GRAVEL ROOF	PROPOSED MEDIUM SIZED TREE (8-12m MATURE HEIGHT)	GARDEN WALL
CONCOURSE PRECAST CONCRETE PAVER	BASALT ROCK	FACADE PLANTER	POT PLANTERS	KERB PLANTER WALL
COURTYARD PRECAST CONCRETE PAVER	INSITU CONCRETE PAVEMENT (COLOURED)	GARDEN BED		CORTEN WALL
CONCOURSE PRECAST CONCRETE SMALL PAVER	GRASSCRETE PAVERS	GARDEN BED (SHADE TOLERANT)		



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PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE

OVERALL ZONAL PLAN

ISSUE PROJECT NO.

SSDA P0012689

SCALE

1 : 2000 @A1

DRAWING NO. REVISION

LD_C0-B20 NL-X0



F

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REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR: Approver

DRAWING TITLE TREE REMOVAL PLAN

ISSUE PROJECT NO.

SSDA P0012689

SCALE As indicated @A1

DRAWING NO. REVISION

LD_C0-B20 NL-X1 D



Clearing under TINSW approvals

Tree clearing & HRMI driveway

Increased APZ as per Fire Rescue NSW

PLOT DATE: 10/08/2021 12:33:32 PM

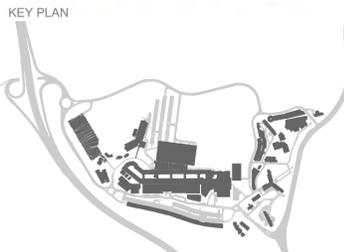
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Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 31 of 64

TREE REMOVAL PLAN LEGEND

- SITE BOUNDARY
- AREA OF DISTURBANCE
- ASSET PROTECTION ZONE
- NEW BUILDING AND STRUCTURES
- PROPOSED TREE PLANTING
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- MATURE TREE SIZE WITHIN APZ



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D	SSDA ISSUE	PM	PJ	09/08/2021
C	ECI TENDER	MK	PJ	18/07/2021
B	100% SCHEMATIC DESIGN	MK	PJ	09/04/2021
A	100% DRAFT SD ISSUE	SP	PJ	28/03/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS
JOHN HUNTER HEALTH & INNOVATION PRECINCT
Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR: Approver

DRAWING TITLE
SITE WIDE LANDSCAPE PLAN

ISSUE PROJECT NO.

SSDA P0012689

SCALE As indicated @A1

DRAWING NO. REVISION

LD_C0-B60 NL-X1 D



LANDSCAPE TREATMENT BETWEEN WESTERN ROAD AND PROPOSED BYPASS BY TFNSW

SIDE WIDE VEGETATION TYPE DIAGRAM LEGEND

NATIVE BUSHLAND PLANTING

- SMOOTH-BARKED APPLE - RED BLOODWOOD OPEN FOREST SEEDING MIX A - SEEDING (100%)
- SMOOTH-BARKED APPLE SYDNEY PEPPERMINT TURPENTINE FOREST SEEDING MIX A1 - SEEDING (75%) - TUBE STOCK (25%) AND SCATTERED TREES AS SHOWN
- SMOOTH-BARKED APPLE SYDNEY PEPPERMINT TURPENTINE FOREST SEEDING MIX A2 - SEEDING (65%) - TUBE STOCK (35%) AND SCATTERED TREES AS SHOWN

APZ BUFFER PLANTING

- APZ PLANTING SMOOTH-BARKED APPLE - RED BLOODWOOD OPEN FOREST - SEEDING (100%) - GRASSES ONLY
- APZ PLANTING SMOOTH-BARKED APPLE - RED BLOODWOOD OPEN FOREST - SEEDING (90%) - SHRUB TUBESTOCK (10%) AND SCATTERED TREES AS SHOWN

BIORETENTION PLANTING
TREES, SEEDING AND TUBESTOCK TO BASIN. SCATTERED SHRUBS AND TREES E.G. EUCALYPTUS UMBRA, CAREX APPRESSA, ISOLEPSIS NODOSA

EXTENT OF SELECTIVE TREE CLEARANCE FOR APZ
REFER TO BUSHFIRE REPORT

PROPOSED TREE PLANTING (Symbol: circle with 'x')

EXISTING TREE TO BE RETAINED (Symbol: circle with 'o')

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF

Granted on the: 30 November 2021 Sheet No: 32 of 64

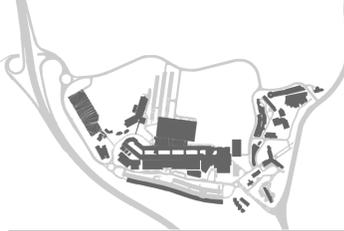
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CLIENT



KEY PLAN



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A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR: Phil James

DRAWING TITLE
ARRIVAL FORECOURT SECTIONS

ISSUE PROJECT NO.

SSDA P0012689

SCALE
1 : 100 @A1

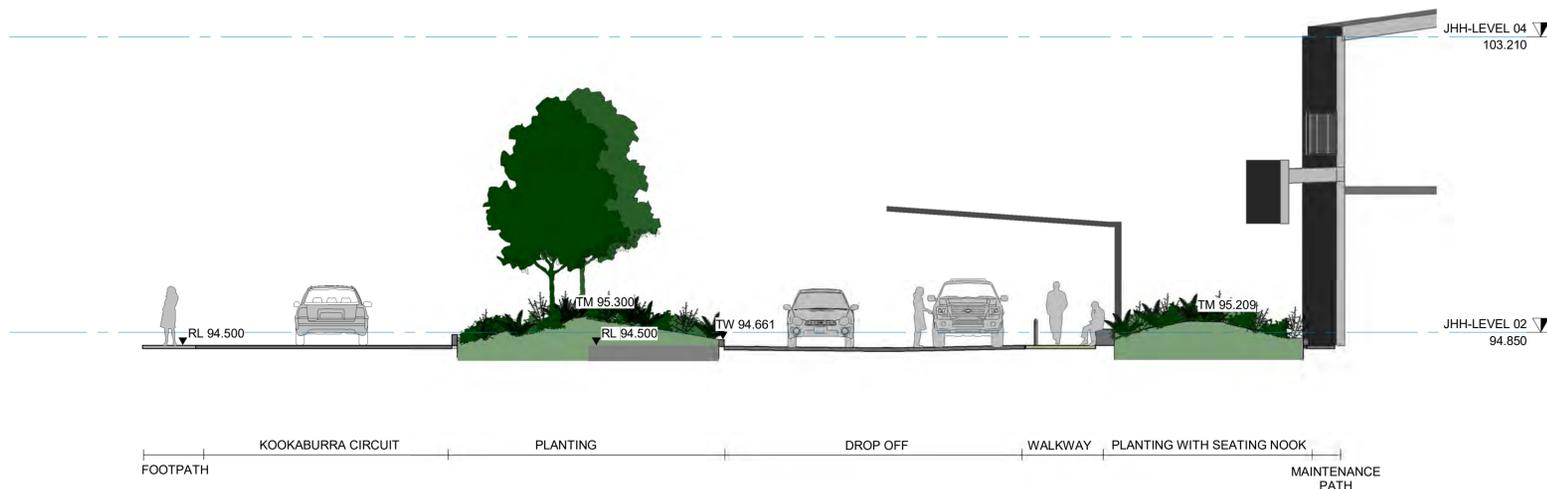
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LD_C0-B61 NL-01

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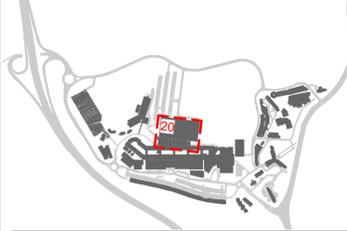
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LD_B0-B20 NL-02



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LD_B0-B20 NL-02

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Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 33 of 64



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A	100% DRAFT SD ISSUE	SP	PJ	28/03/2021

JOHN HUNTER HEALTH & INNOVATION PRECINCT

Lookout Rd, New Lambton Heights, NSW 2305



GENERAL LEGEND

INSITU CONCRETE PAVEMENT	FLAGSTONE PAVER	ARTIFICIAL TURF	TURF	STEPS & CONCRETE SEATING
FORECOURT PRECAST CONCRETE PAVER	FLAGSTONE IN GRAVEL	SEDUM GREEN ROOF	PROPOSED SMALL SIZED TREE (6-8m MATURE HEIGHT)	TABLE & BENCH SEATING
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CONCOURSE PRECAST CONCRETE PAVER	BASALT ROCK	FACADE PLANTER	KERB PLANTER WALL	CORTEN WALL
COURTYARD PRECAST CONCRETE PAVER	INSITU CONCRETE PAVEMENT (COLOURED)	GARDEN BED	POT PLANTERS	
CONCOURSE PRECAST CONCRETE SMALL PAVER	GRASSCRETE PAVERS	GARDEN BED (SHADE TOLERANT)		



Planning, Industry & Environment

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Approved Application No: SSD-9351535

Signed: MF

Granted on the: 30 November 2021

Sheet No: 34 of 64



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D	SSDA ISSUE	PM PJ 09/08/2021
C	ECI TENDER	MK PJ 18/07/2021
B	100% SCHEMATIC DESIGN	MK PJ 09/04/2021
A	100% DRAFT SD ISSUE	SP PJ 28/03/2021

PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT
Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR: ?

DRAWING TITLE
ASB BUILDING LEVEL 01

ISSUE PROJECT NO.

SSDA P0012689

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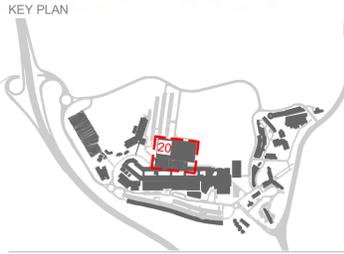
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LD_CA-B20 01-20

Sheet No: 35 of 64



GENERAL LEGEND



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REV	DESCRIPTION	CHK	DATE
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A	100% SSDA ISSUE	MK	PJ 23/04/2021
		DNW	CHK

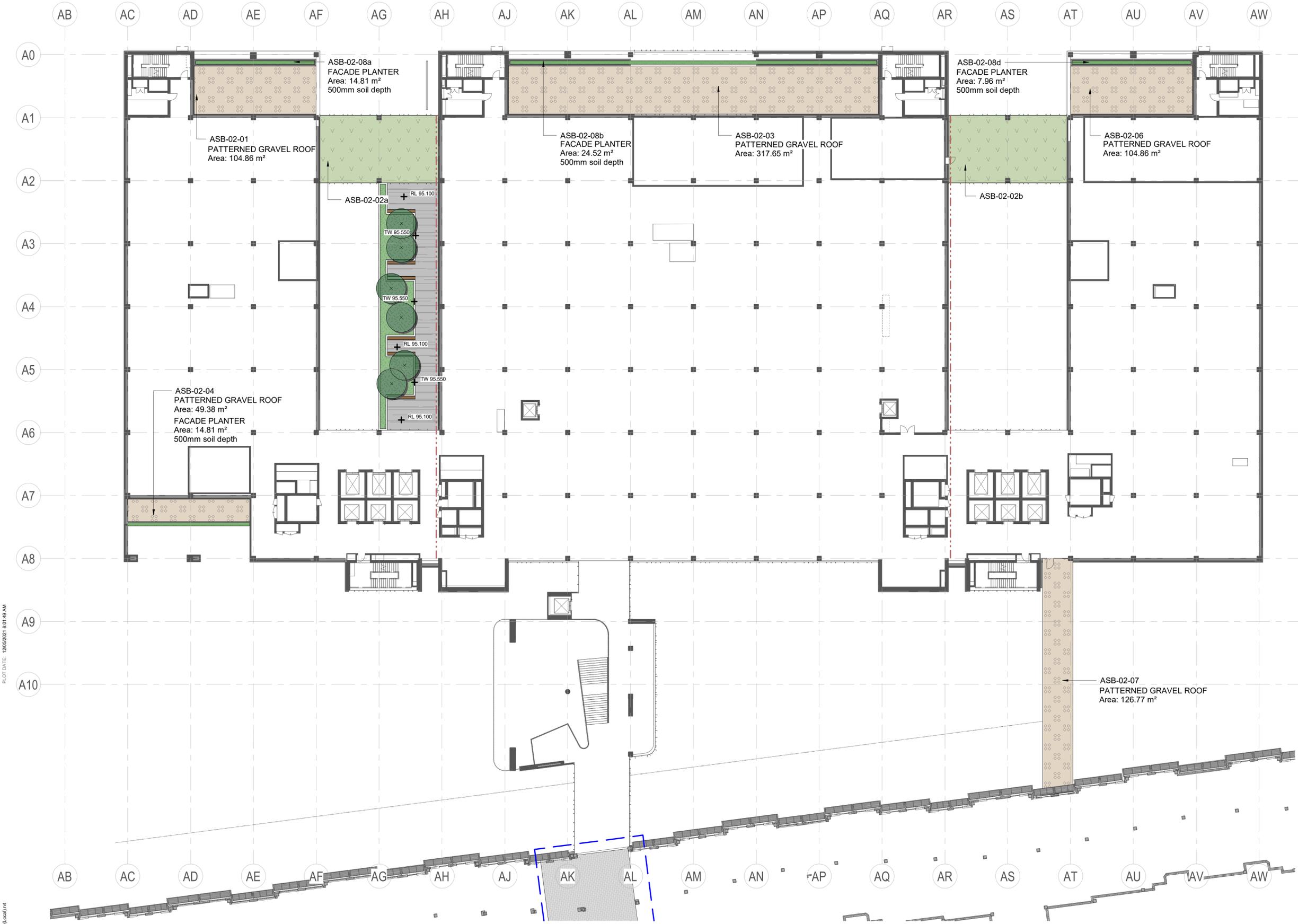
PROJECT NAME & ADDRESS
JOHN HUNTER HEALTH & INNOVATION PRECINCT
Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:
DRAWING TITLE
ASB BUILDING LEVEL 02

ISSUE PROJECT NO.
SSDA P0012689

SCALE
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DRAWING NO. REVISION
LD_CA-B20 02-20 B



PLOT DATE: 12/05/2021 10:11:49 AM

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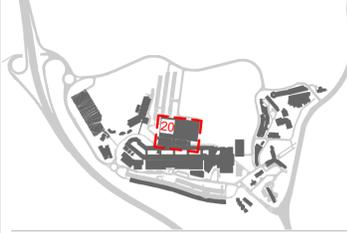
GENERAL LEGEND

- | | | | | |
|--|-------------------------------------|-----------------------------|--|--------------------------|
| INSITU CONCRETE PAVEMENT | FLAGSTONE PAVER | ARTIFICIAL TURF | TURF | STEPS & CONCRETE SEATING |
| FORECOURT PRECAST CONCRETE PAVER | FLAGSTONE IN GRAVEL | SEDUM GREEN ROOF | PROPOSED SMALL SIZED TREE (6-8m MATURE HEIGHT) | TABLE & BENCH SEATING |
| COURTYARD EXPOSED AGGREGATE PAVING | CONCOURSE BOUND GRAVEL PAVING | PATTERNED GRAVEL ROOF | PROPOSED MEDIUM SIZED TREE (8-12m MATURE HEIGHT) | GARDEN WALL |
| CONCOURSE PRECAST CONCRETE PAVER | BASALT ROCK | FACADE PLANTER | KERB PLANTER WALL | CORTEN WALL |
| COURTYARD PRECAST CONCRETE PAVER | INSITU CONCRETE PAVEMENT (COLOURED) | GARDEN BED | POT PLANTERS | |
| CONCOURSE PRECAST CONCRETE SMALL PAVER | GRASSCRETE PAVERS | GARDEN BED (SHADE TOLERANT) | | |

Planning, Industry & Environment

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Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 36 of 64



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A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE
ASB BUILDING LEVEL 03

ISSUE PROJECT NO.

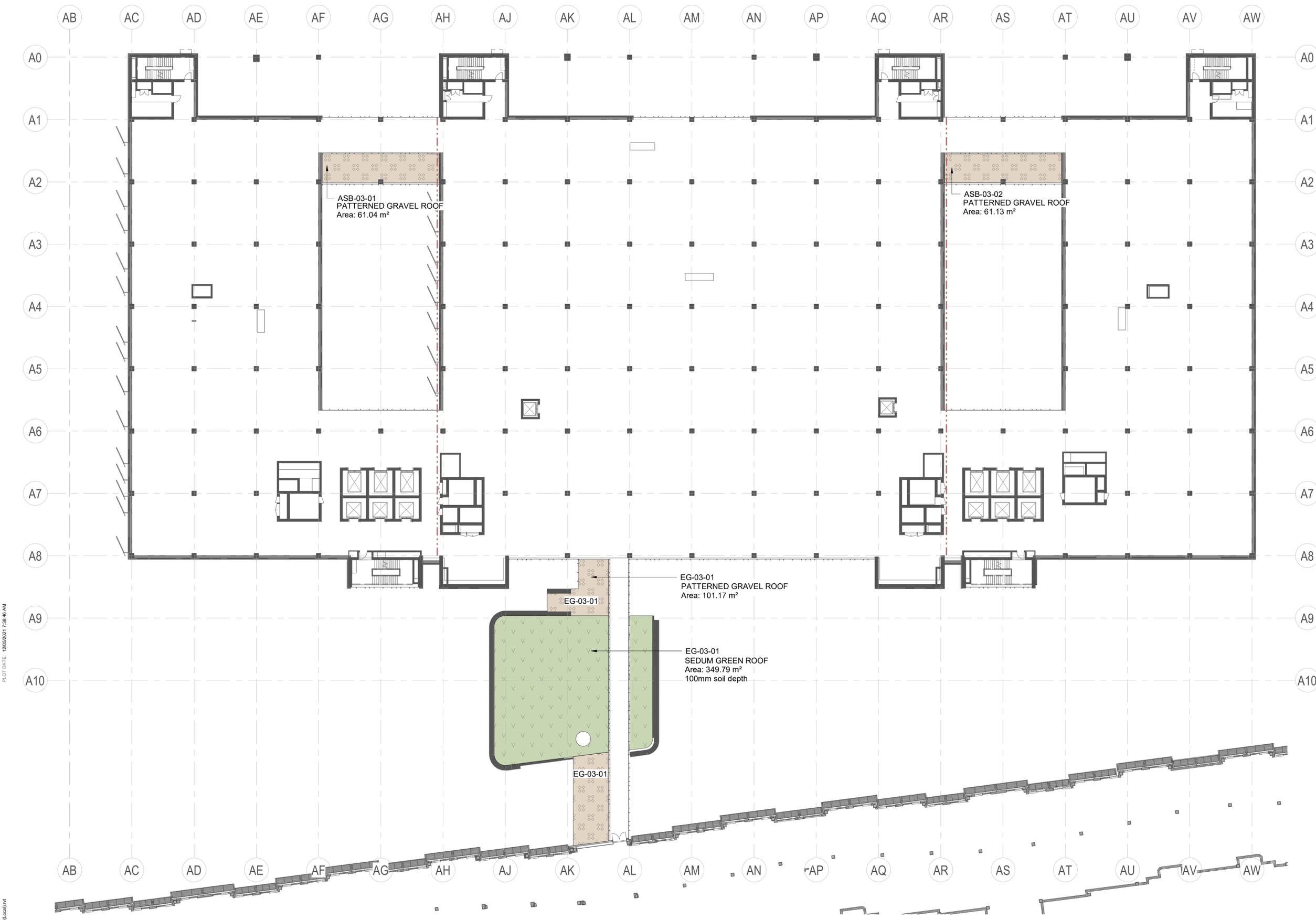
SSDA P0012689

SCALE
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DRAWING NO. REVISION

LD_CA-B20 03-20

B



GENERAL LEGEND

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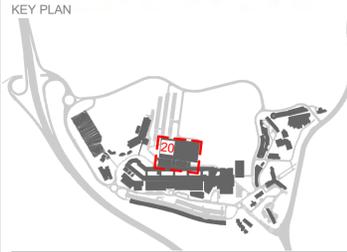
Planning, Industry & Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 37 of 64

PLOT DATE: 12/05/2021 7:38:46 AM

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REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS
JOHN HUNTER HEALTH & INNOVATION PRECINCT
 Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE
ASB BUILDING LEVEL 04

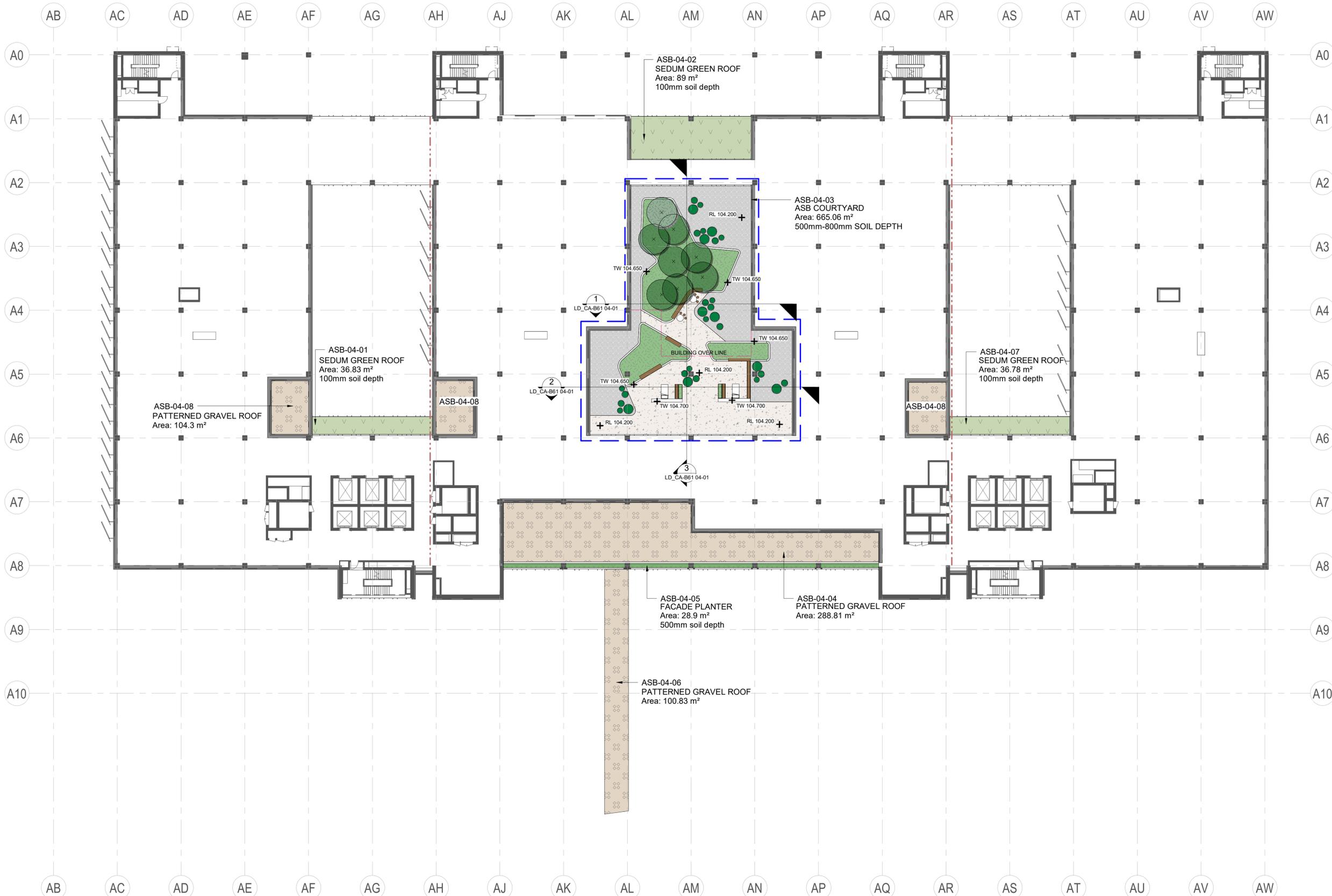
ISSUE PROJECT NO.

SSDA P0012689

SCALE
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DRAWING NO. REVISION

LD_CA-B20 04-20 B



GENERAL LEGEND

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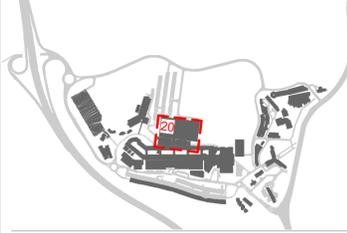
Planning, Industry & Environment

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Approved Application No: SSD-9351535 Signed: MF
 Granted on the: 30 November 2021 Sheet No: 38 of 64

PLOT DATE: 12/05/2021 7:39:05 AM

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6. LOCATE AND PROTECT ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION. MAKE GOOD ALL DAMAGE
7. THESE DRAWINGS ARE TO BE PRINTED IN COLOUR
8. FOR LEGEND REFER TO LEGEND SHEET LD_00-A10 XX-01
9. FOR DETAILED DESCRIPTION OF EACH LANDSCAPE AREA REFER TO LANDSCAPE AREAS SCHEDULE
10. NUMBERS ON LANDSCAPE AREAS ARE REFERING TO THE LANDSCAPE SPACE INDEX
11. IRRIGATION DESIGN TO BE DEVELOPED AND COORDINATED AT DESIGN DEVELOPMENT

B	100% SSDA ISSUE	MK	PJ	13/05/2021
A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS
JOHN HUNTER HEALTH & INNOVATION PRECINCT

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE
ASB BUILDING LEVEL 05

ISSUE PROJECT NO.

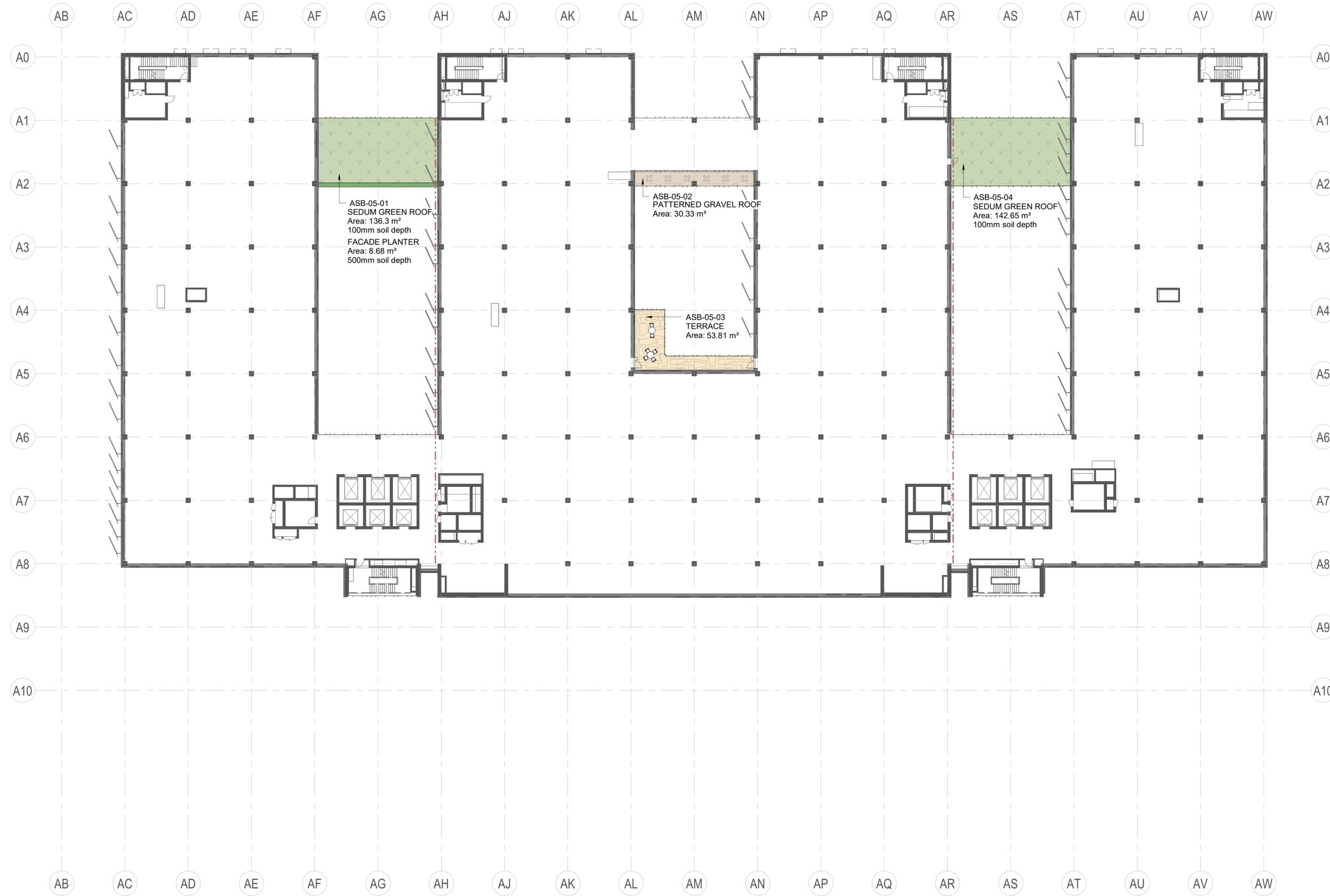
SSDA P0012689

SCALE
1 : 250 @A1

DRAWING NO. REVISION

LD_CA-B20 05-20

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PLOT DATE: 12/05/2021 7:39:21 AM

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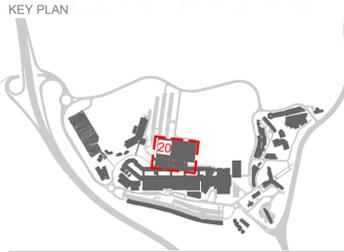
GENERAL LEGEND

INSITU CONCRETE PAVEMENT	FLAGSTONE PAVER	ARTIFICIAL TURF	TURF	STEPS & CONCRETE SEATING
FORECOURT PRECAST CONCRETE PAVER	FLAGSTONE IN GRAVEL	SEDUM GREEN ROOF	PROPOSED SMALL SIZED TREE (6-8m MATURE HEIGHT)	TABLE & BENCH SEATING
COURTYARD EXPOSED AGGREGATE PAVING	CONCOURSE BOUND GRAVEL PAVING	PATTERNED GRAVEL ROOF	PROPOSED MEDIUM SIZED TREE (8-12m MATURE HEIGHT)	GARDEN WALL
CONCOURSE PRECAST CONCRETE PAVER	BASALT ROCK	FACADE PLANTER	POT PLANTERS	KERB PLANTER WALL
COURTYARD PRECAST CONCRETE PAVER	INSITU CONCRETE PAVEMENT (COLOURED)	GARDEN BED		CORTEN WALL
CONCOURSE PRECAST CONCRETE SMALL PAVER	GRASSCRETE PAVERS	GARDEN BED (SHADE TOLERANT)		

Planning, Industry & Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 39 of 64



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B	100% SSDA ISSUE	MK	PJ	13/05/2021
A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS
JOHN HUNTER HEALTH & INNOVATION PRECINCT
 Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:
 DRAWING TITLE
ASB BUILDING LEVEL 06

ISSUE PROJECT NO.
 SSDA P0012689
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DRAWING NO. REVISION
LD_CA-B20 06-20 B



PLOT DATE: 12/05/2021 7:39:35 AM

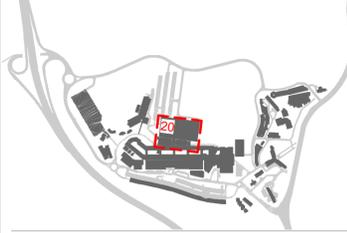
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GENERAL LEGEND

INSITU CONCRETE PAVEMENT	FLAGSTONE PAVER	ARTIFICIAL TURF	TURF	STEPS & CONCRETE SEATING
FORECOURT PRECAST CONCRETE PAVER	FLAGSTONE IN GRAVEL	SEDUM GREEN ROOF	PROPOSED SMALL SIZED TREE (6-8m MATURE HEIGHT)	TABLE & BENCH SEATING
COURTYARD EXPOSED AGGREGATE PAVING	CONCOURSE BOUND GRAVEL PAVING	PATTERNED GRAVEL ROOF	PROPOSED MEDIUM SIZED TREE (8-12m MATURE HEIGHT)	GARDEN WALL
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COURTYARD PRECAST CONCRETE PAVER	INSITU CONCRETE PAVEMENT (COLOURED)	GARDEN BED		CORTEN WALL
CONCOURSE PRECAST CONCRETE SMALL PAVER	GRASSCRETE PAVERS	GARDEN BED (SHADE TOLERANT)		

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 Granted on the: 30 November 2021 Sheet No: 40 of 64



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D	SSDA ISSUE	PM	PJ	09/08/2021
C	ECI TENDER	MK	PJ	18/07/2021
B	100% SCHEMATIC DESIGN	MK	PJ	09/04/2021
A	100% DRAFT SD ISSUE	SP	PJ	28/03/2021

PROJECT NAME & ADDRESS
JOHN HUNTER HEALTH & INNOVATION PRECINCT
Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE
ASB BUILDING LEVEL B1

ISSUE PROJECT NO.

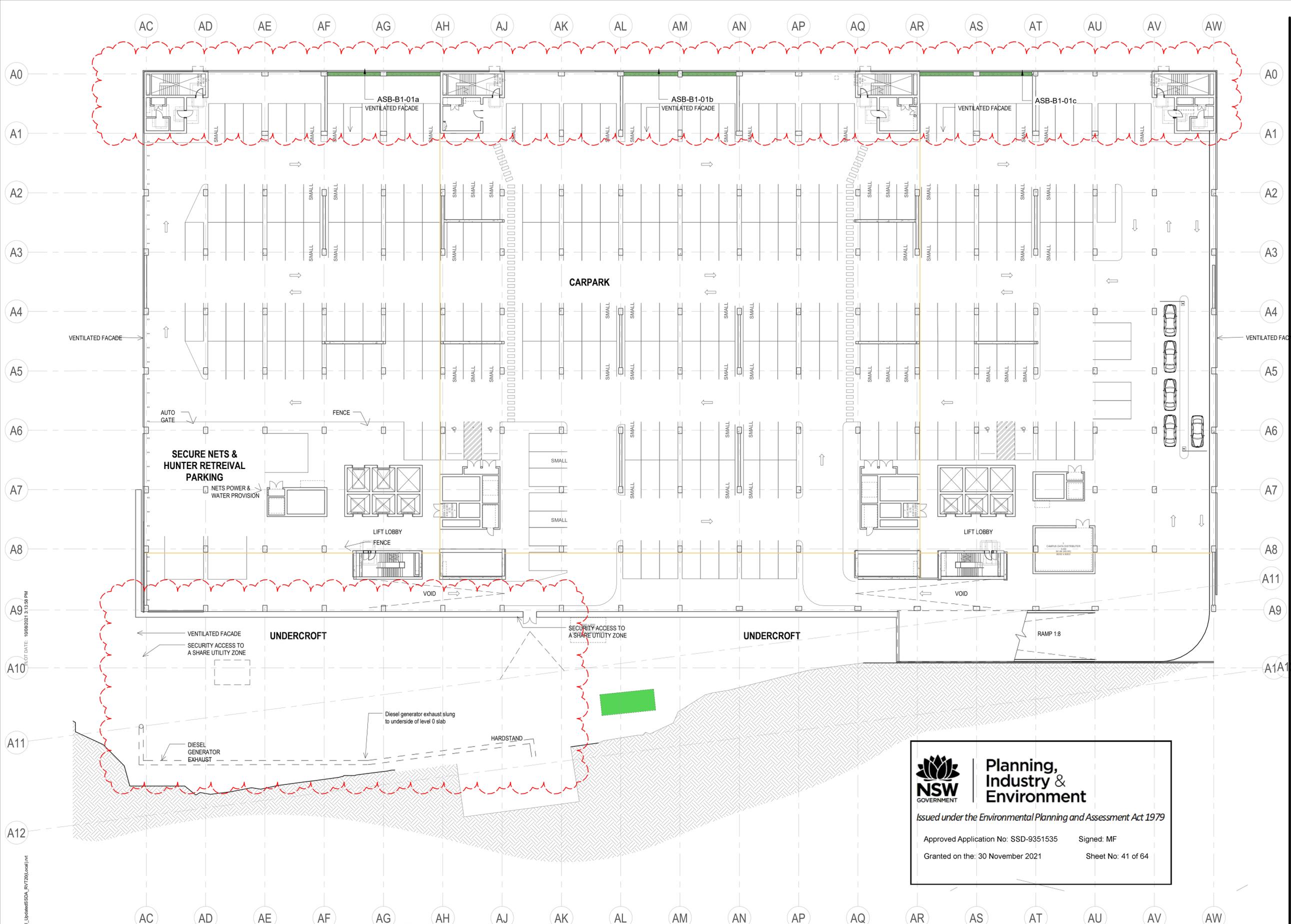
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SCALE
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DRAWING NO. REVISION

LD_CA-B20 B1-20

D



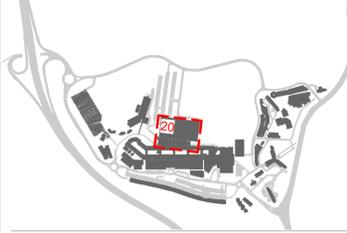
Planning, Industry & Environment
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 41 of 64

GENERAL LEGEND

INSITU CONCRETE PAVEMENT	FLAGSTONE PAVER	ARTIFICIAL TURF	STEPS & CONCRETE SEATING
FORECOURT PRECAST CONCRETE PAVER	FLAGSTONE IN GRAVEL	SEDUM GREEN ROOF	TABLE & BENCH SEATING
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COURTYARD PRECAST CONCRETE PAVER	INSITU CONCRETE PAVEMENT (COLOURED)	GARDEN BED	CORTEN WALL
CONCOURSE PRECAST CONCRETE SMALL PAVER	GRASSCRETE PAVERS	GARDEN BED (SHADE TOLERANT)	
		PROPOSED SMALL SIZED TREE (6-8m MATURE HEIGHT)	
		PROPOSED MEDIUM SIZED TREE (8-12m MATURE HEIGHT)	
		POT PLANTERS	

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REV	DESCRIPTION	CHK	DATE
D	SSDA ISSUE	PM	PJ 09/08/2021
C	ECI TENDER	MK	PJ 18/07/2021
B	100% SCHEMATIC DESIGN	MK	PJ 09/04/2021
A	100% DRAFT SD ISSUE	SP	PJ 28/03/2021

PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE
ASB BUILDING LEVEL B2

ISSUE PROJECT NO.

SCHEMATIC DESIGN P0012689

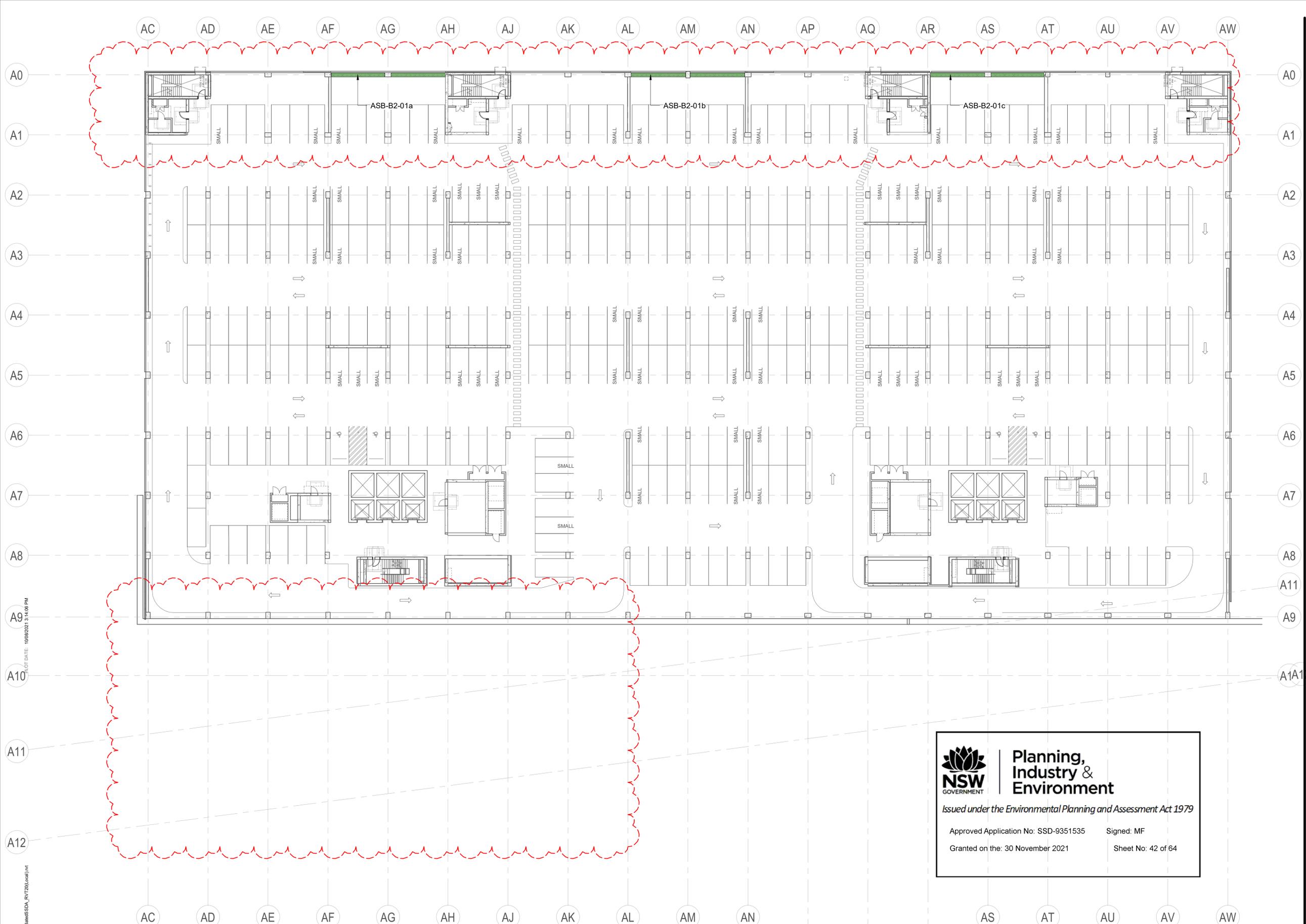
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DRAWING NO. REVISION

LD_CA-B20 B2-20

D



Planning, Industry & Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF

Granted on the: 30 November 2021 Sheet No: 42 of 64

GENERAL LEGEND

INSITU CONCRETE PAVEMENT	FLAGSTONE PAVER	ARTIFICIAL TURF	TURF	STEPS & CONCRETE SEATING
FORECOURT PRECAST CONCRETE PAVER	FLAGSTONE IN GRAVEL	SEDUM GREEN ROOF	PROPOSED SMALL SIZED TREE (6-8m MATURE HEIGHT)	TABLE & BENCH SEATING
COURTYARD EXPOSED AGGREGATE PAVING	CONCOURSE BOUND GRAVEL PAVING	PATTERNED GRAVEL ROOF	PROPOSED MEDIUM SIZED TREE (8-12m MATURE HEIGHT)	GARDEN WALL
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COURTYARD PRECAST CONCRETE PAVER	INSITU CONCRETE PAVEMENT (COLOURED)	GARDEN BED		CORTEN WALL
CONCOURSE PRECAST CONCRETE SMALL PAVER	GRASSCRETE PAVERS	GARDEN BED (SHADE TOLERANT)		

P:\1711_C11 Revit Locals\1012689_John Hunter Hospital_Updates\SSDA_RV1720\Local1.rvt 10/08/2021 3:14:06 PM

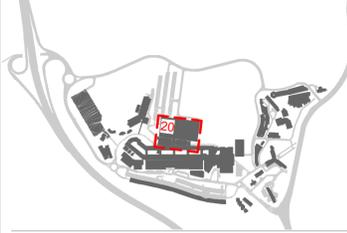


Level 8, Angel Place, 123 Pitt Street | Sydney NSW 2000
Australia | +61 2 8233 9900
URBIS Pty Ltd | ABN 50 105 256 228

CLIENT



KEY PLAN



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D	ISSUE	PM	PJ	09/08/2021
C	ECI TENDER	MK	PJ	18/07/2021
B	100% SCHEMATIC DESIGN	MK	PJ	09/04/2021
A	100% DRAFT SD ISSUE	SP	PJ	28/03/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT
Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR: Approver

DRAWING TITLE
ASB BUILDING LEVEL B3

ISSUE PROJECT NO.

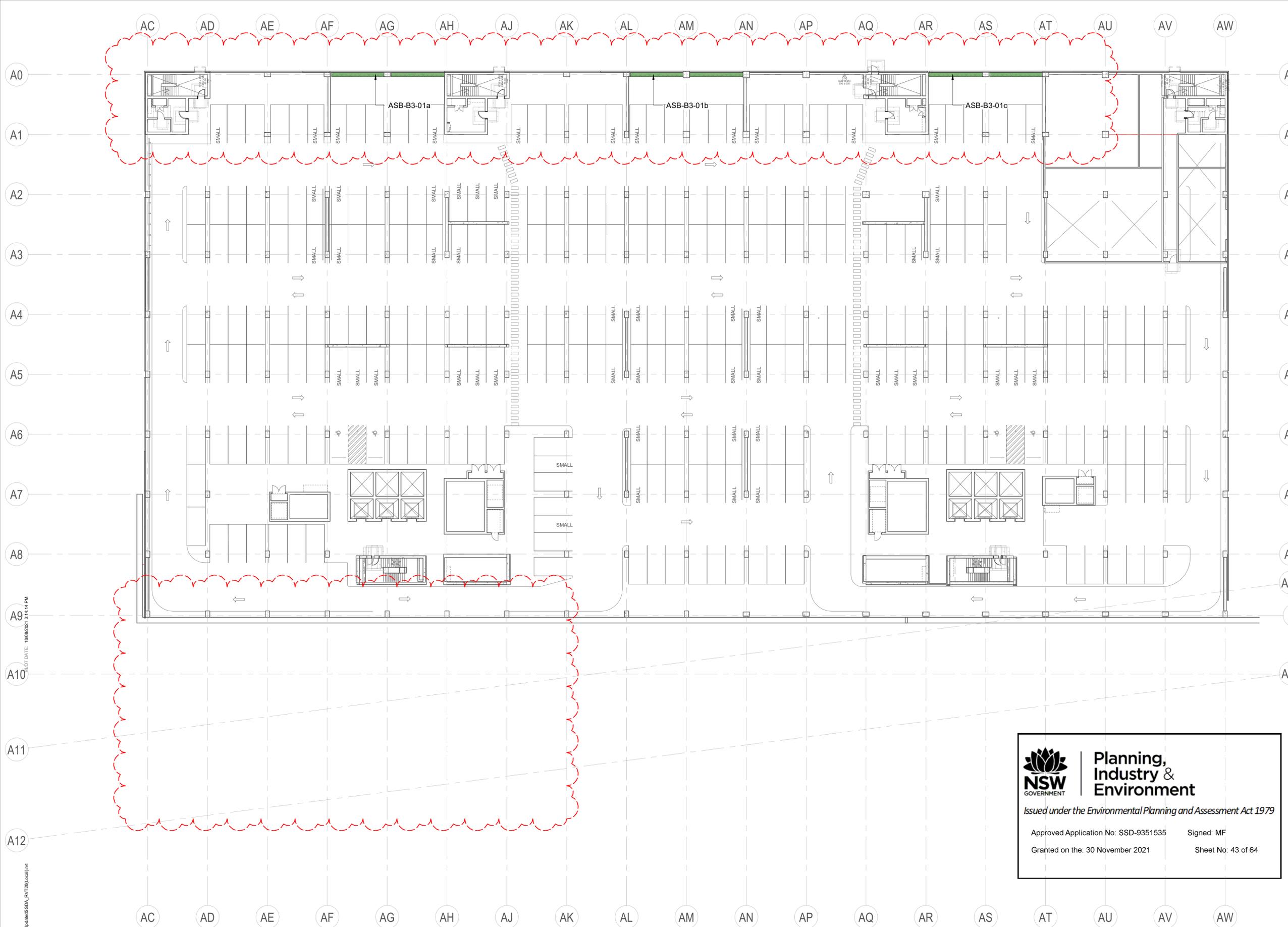
SCHEMATIC DESIGN P0012689

SCALE
1 : 250 @A1

DRAWING NO. REVISION

LD_CA-B20 B3-20

D



Planning, Industry & Environment

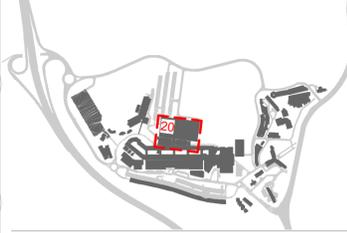
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 43 of 64

GENERAL LEGEND

- | | | | | |
|--|-------------------------------------|-----------------------------|--|--------------------------|
| INSITU CONCRETE PAVEMENT | FLAGSTONE PAVER | ARTIFICIAL TURF | TURF | STEPS & CONCRETE SEATING |
| FORECOURT PRECAST CONCRETE PAVER | FLAGSTONE IN GRAVEL | SEDUM GREEN ROOF | PROPOSED SMALL SIZED TREE (6-8m MATURE HEIGHT) | TABLE & BENCH SEATING |
| COURTYARD EXPOSED AGGREGATE PAVING | CONCOURSE BOUND GRAVEL PAVING | PATTERNED GRAVEL ROOF | PROPOSED MEDIUM SIZED TREE (8-12m MATURE HEIGHT) | GARDEN WALL |
| CONCOURSE PRECAST CONCRETE PAVER | BASALT ROCK | FACADE PLANTER | POT PLANTERS | KERB PLANTER WALL |
| COURTYARD PRECAST CONCRETE PAVER | INSITU CONCRETE PAVEMENT (COLOURED) | GARDEN BED | | CORTEN WALL |
| CONCOURSE PRECAST CONCRETE SMALL PAVER | GRASSCRETE PAVERS | GARDEN BED (SHADE TOLERANT) | | |

P:\1711_C111 Revit Locals\102699_John Hunter Hospital_Update\SSDA_RV1720\Local1.rvt PLOT DATE: 10/08/2021 3:14:14 PM



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REV	DESCRIPTION	DNW	CHK	DATE
D	SSDA ISSUE	PM	PJ	09/08/2021
C	ECI TENDER	MK	PJ	18/07/2021
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PROJECT NAME & ADDRESS

**JOHN HUNTER
HEALTH &
INNOVATION
PRECINCT**

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE
ASB BUILDING LEVEL B4

ISSUE PROJECT NO.

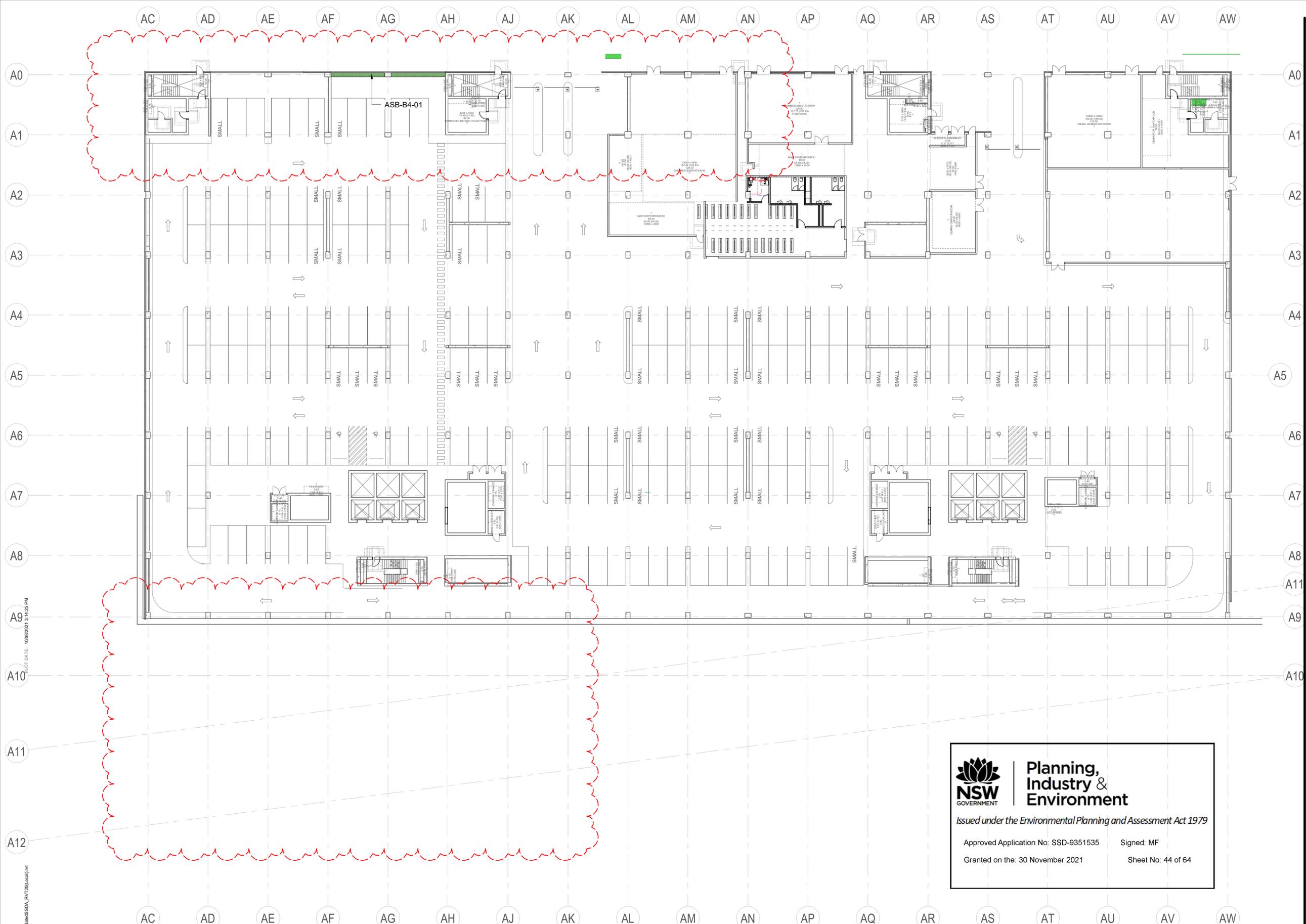
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SCALE
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DRAWING NO. REVISION

LD_CA-B20 B4-20

D



**Planning,
Industry &
Environment**

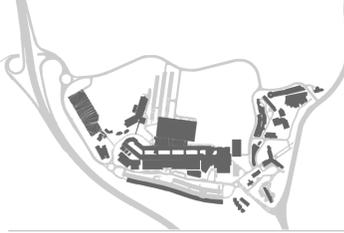
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 44 of 64

GENERAL LEGEND

INSITU CONCRETE PAVEMENT	FLAGSTONE PAVER	ARTIFICIAL TURF	STEPS & CONCRETE SEATING
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COURTYARD PRECAST CONCRETE PAVER	INSITU CONCRETE PAVEMENT (COLOURED)	GARDEN BED	CORTEN WALL
CONCOURSE PRECAST CONCRETE SMALL PAVER	GRASSCRETE PAVERS	GARDEN BED (SHADE TOLERANT)	
		TURF	
		PROPOSED SMALL SIZED TREE (6-8m MATURE HEIGHT)	
		PROPOSED MEDIUM SIZED TREE (8-12m MATURE HEIGHT)	
		POT PLANTERS	

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8. FOR LEGEND REFER TO LEGEND SHEET LD_00-A10 XX-01
9. FOR DETAILED DESCRIPTION OF EACH LANDSCAPE AREA REFER TO LANDSCAPE AREAS SCHEDULE
10. NUMBERS ON LANDSCAPE AREAS ARE REFERING TO THE LANDSCAPE SPACE INDEX
11. IRRIGATION DESIGN TO BE DEVELOPED AND COORDINATED AT DESIGN DEVELOPMENT

B	100% SSDA ISSUE	MK	PJ	13/05/2021
A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS
JOHN HUNTER HEALTH & INNOVATION PRECINCT
Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE
ASB BUILDING LEVEL 00 COURTYARD SECTIONS

ISSUE PROJECT NO.

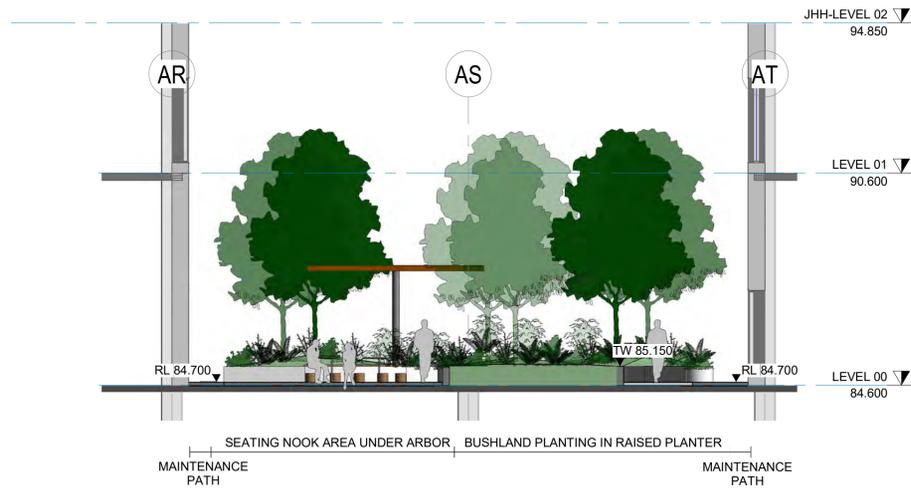
SSDA P0012689

SCALE
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DRAWING NO. REVISION

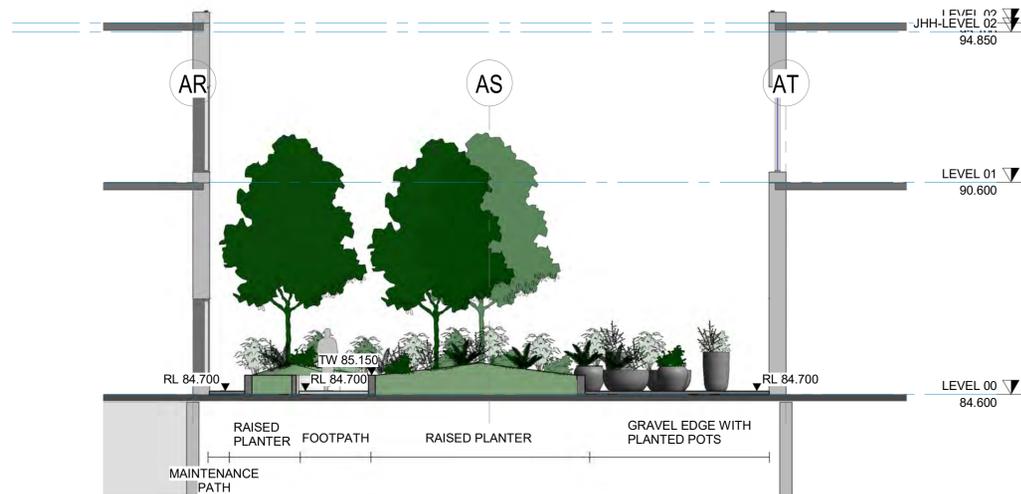
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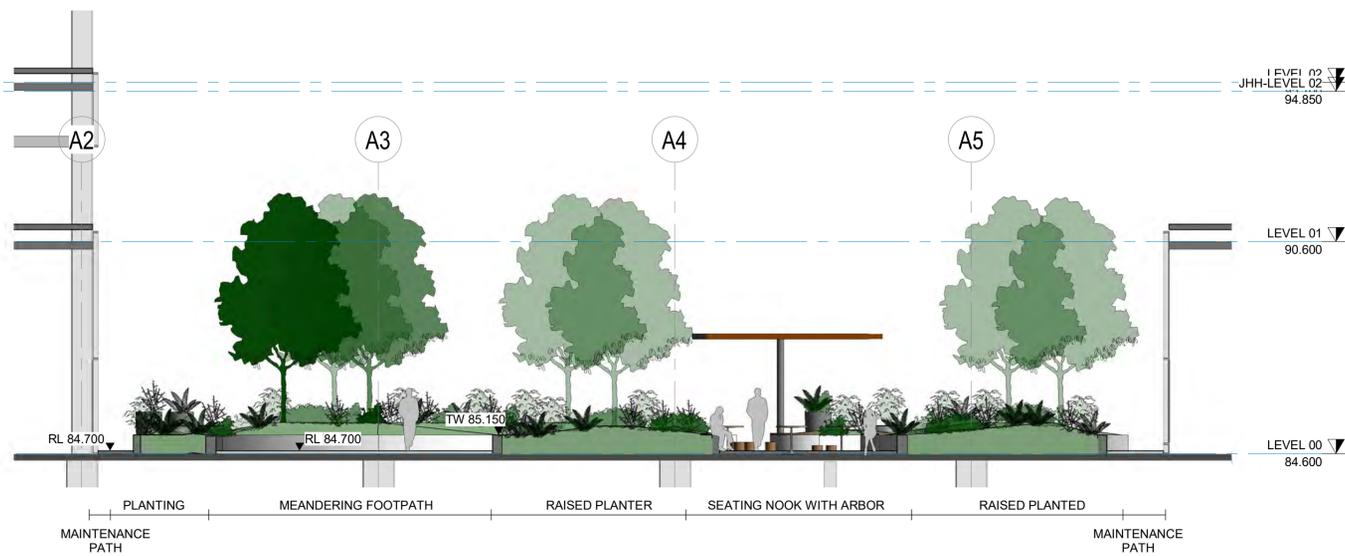


1 CROSS SECTION 1 - ASB BUILDING LEVEL 00 - COURTYARD (1 : 100)

LD_BA-B20 00-22



2 SECTION 2 - ASB BUILDING L00 - COURTYARD (1 : 100)



3 SECTION 3 - ASB BUILDING L00 - COURTYARD (1 : 100)

LD_BA-B20 00-22

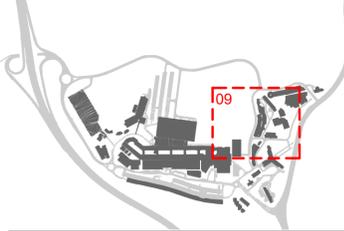
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 45 of 64

CLIENT



KEY PLAN



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A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS

**JOHN HUNTER
HEALTH &
INNOVATION
PRECINCT**

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR: Approver

DRAWING TITLE
**ASB BUILDING LEVEL 00
ED ARRIVAL SECTION**

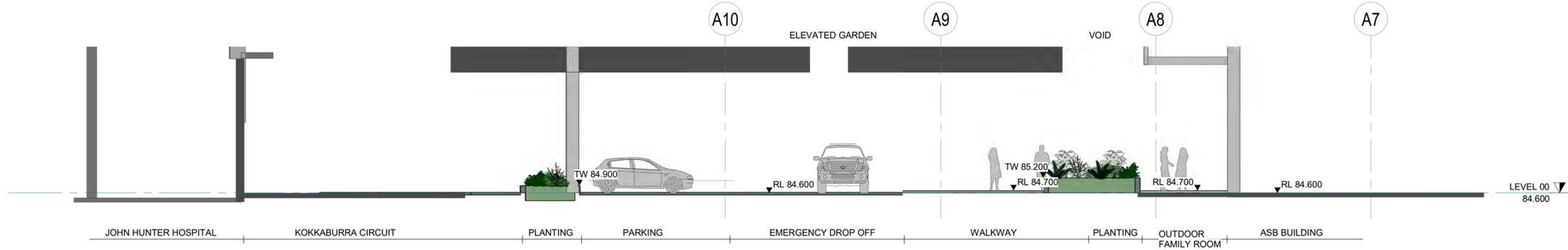
ISSUE PROJECT NO.

SSDA P0012689

SCALE
1 : 100 @A1

DRAWING NO. REVISION

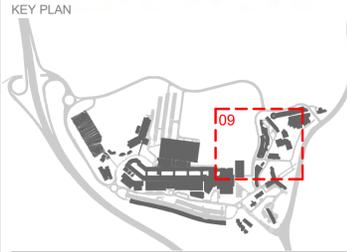
LD_CA-B61 00-02 **B**



1 SECTION 1 - ASB BUILDING L00 - ED ARRIVAL (1 : 100)
LD_BA-B20 00-22

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Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 46 of 64



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B	100% SSDA ISSUE	MK	PJ	13/05/2021
A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DWN	CHK	DATE

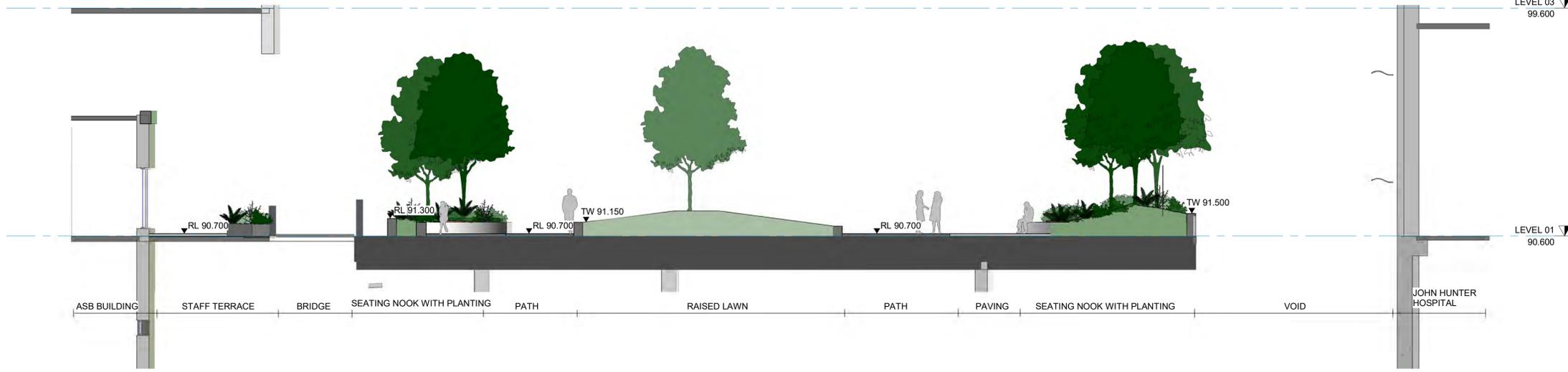
PROJECT NAME & ADDRESS
JOHN HUNTER HEALTH & INNOVATION PRECINCT
 Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR: Approver

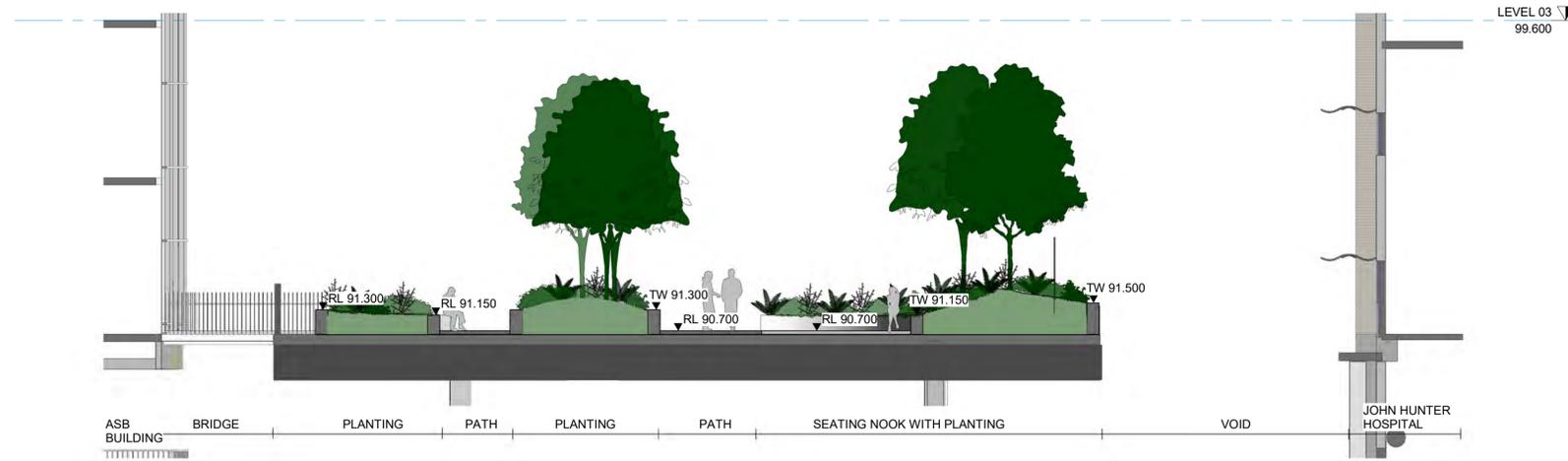
DRAWING TITLE
ASB BUILDING LEVEL 01 ELEVATED GARDEN SECTIONS

SSDA P0012689
 SCALE 1 : 100 @A1

DRAWING NO. LD_CA-B61 01-02 REVISION B



1 SECTION 1 - ELEVATED GARDEN (1 : 100)
 LD_BA-B20 00-21



2 SECTION 2 - ELEVATED GARDEN (1 : 100)
 LD_BA-B20 01-22



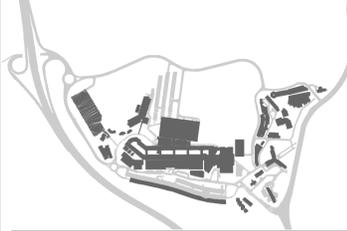
Planning, Industry & Environment
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Approved Application No: SSD-9351535 Signed: MF
 Granted on the: 30 November 2021 Sheet No: 47 of 64

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KEY PLAN



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B	100% SSDA ISSUE	MK	PJ	13/05/2021
A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS

**JOHN HUNTER
HEALTH &
INNOVATION
PRECINCT**

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE

**ASB BUILDING LEVEL 04
COURTYARD SECTIONS**

ISSUE PROJECT NO.

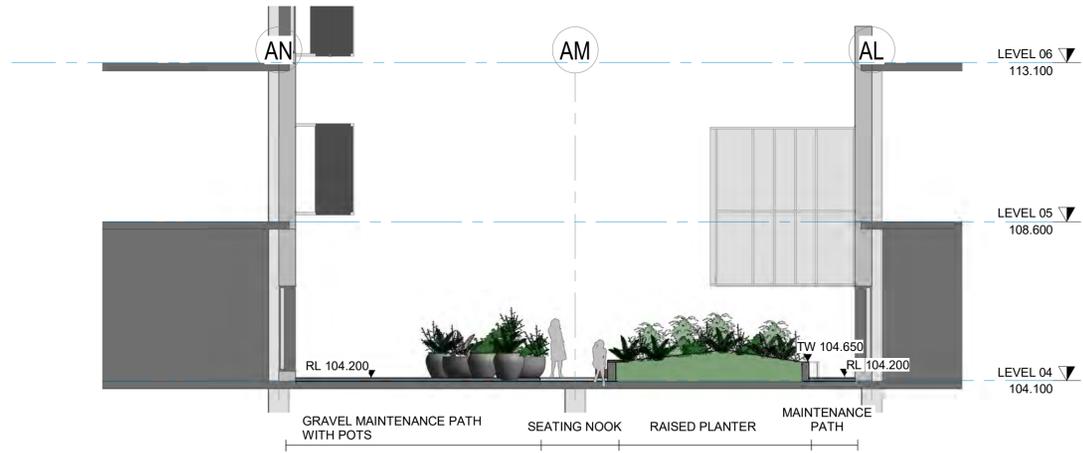
SSDA P0012689

SCALE
1 : 100 @A1

DRAWING NO. REVISION

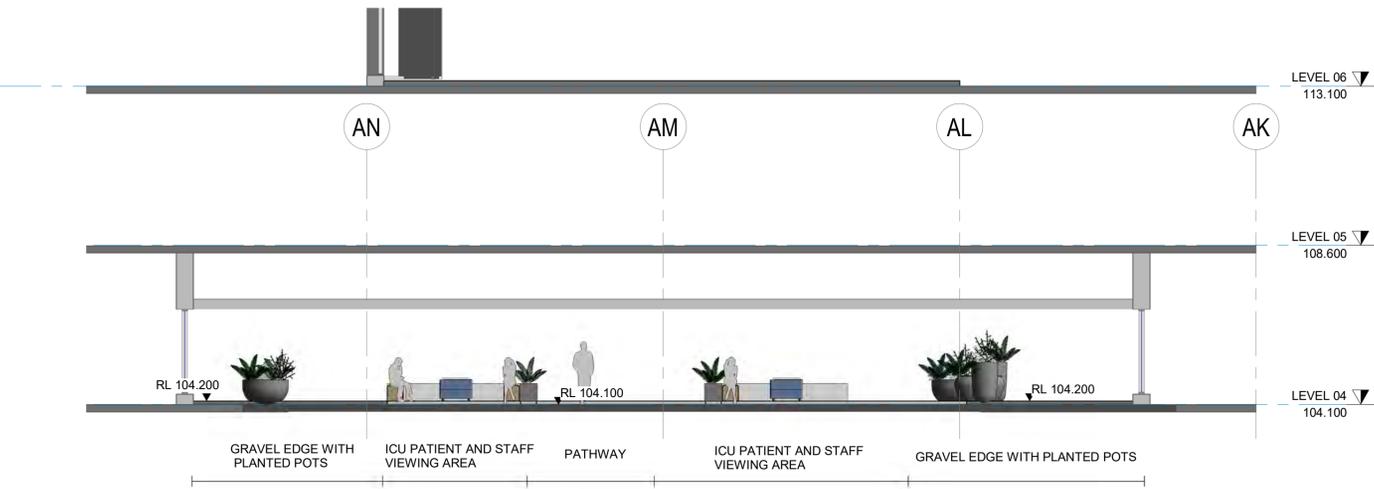
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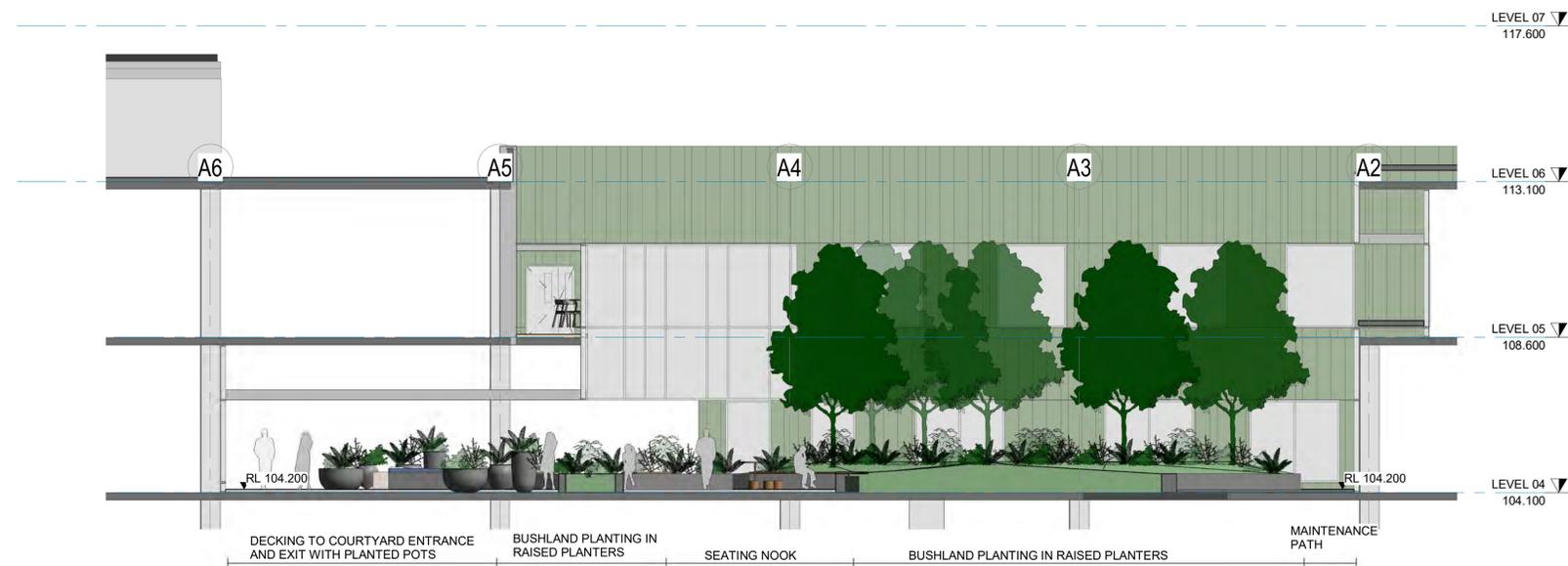
1 SECTION 1 - ASB BUILDING L04 - COURTYARD (1 : 100)

LD_BA-B20 04-21



2 SECTION 2 - ASB BUILDING L04 - COURTYARD (1 : 100)

LD_BA-B20 03-21



3 SECTION 2 - ASB BUILDING L04 - COURTYARD (1 : 100)

LD_BA-B20 03-21

**Planning,
Industry &
Environment**

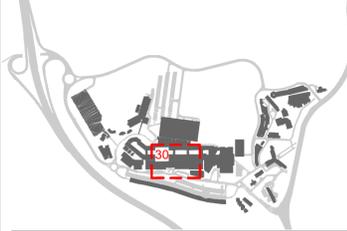
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 48 of 64

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KEY PLAN



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B	100% SSDA ISSUE	MK	PJ	13/05/2021
A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR: Approver

DRAWING TITLE
JHH BUILDING LEVEL 02

ISSUE PROJECT NO.

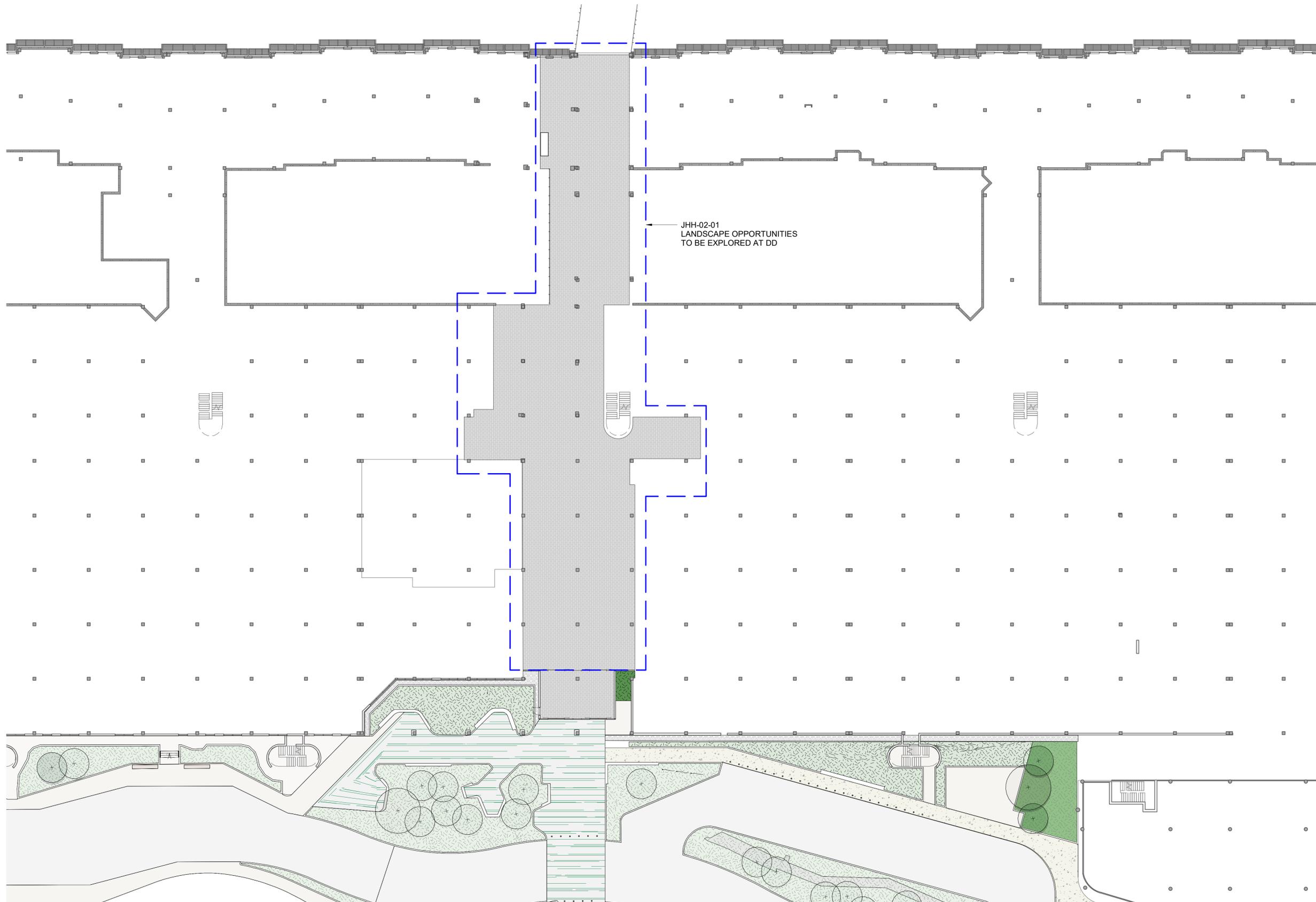
SSDA P0012689

SCALE
1 : 250 @A1

DRAWING NO. REVISION

LD_CJ-B20 02-30

B



JHH-02-01
LANDSCAPE OPPORTUNITIES
TO BE EXPLORED AT DD

PLOT DATE: 12/05/2021 7:43:40 AM

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GENERAL LEGEND

INSITU CONCRETE PAVEMENT	FLAGSTONE PAVER	ARTIFICIAL TURF	TURF	STEPS & CONCRETE SEATING
FORECOURT PRECAST CONCRETE PAVER	FLAGSTONE IN GRAVEL	SEDUM GREEN ROOF	PROPOSED SMALL SIZED TREE (6-8m MATURE HEIGHT)	TABLE & BENCH SEATING
COURTYARD EXPOSED AGGREGATE PAVING	CONCOURSE BOUND GRAVEL PAVING	PATTERNED GRAVEL ROOF	PROPOSED MEDIUM SIZED TREE (8-12m MATURE HEIGHT)	GARDEN WALL
CONCOURSE PRECAST CONCRETE PAVER	BASALT ROCK	FACADE PLANTER	POT PLANTERS	KERB PLANTER WALL
COURTYARD PRECAST CONCRETE PAVER	INSITU CONCRETE PAVEMENT (COLOURED)	GARDEN BED		CORTEN WALL
CONCOURSE PRECAST CONCRETE SMALL PAVER	GRASSCRETE PAVERS	GARDEN BED (SHADE TOLERANT)		

Planning, Industry & Environment

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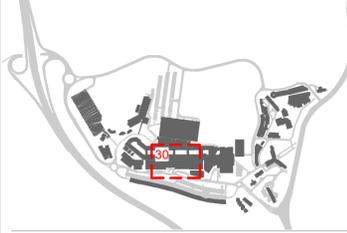
Approved Application No: SSD-9351535 Signed: MF

Granted on the: 30 November 2021 Sheet No: 49 of 64

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KEY PLAN



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A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR: Approver

DRAWING TITLE
JHH BUILDING LEVEL 03

ISSUE PROJECT NO.

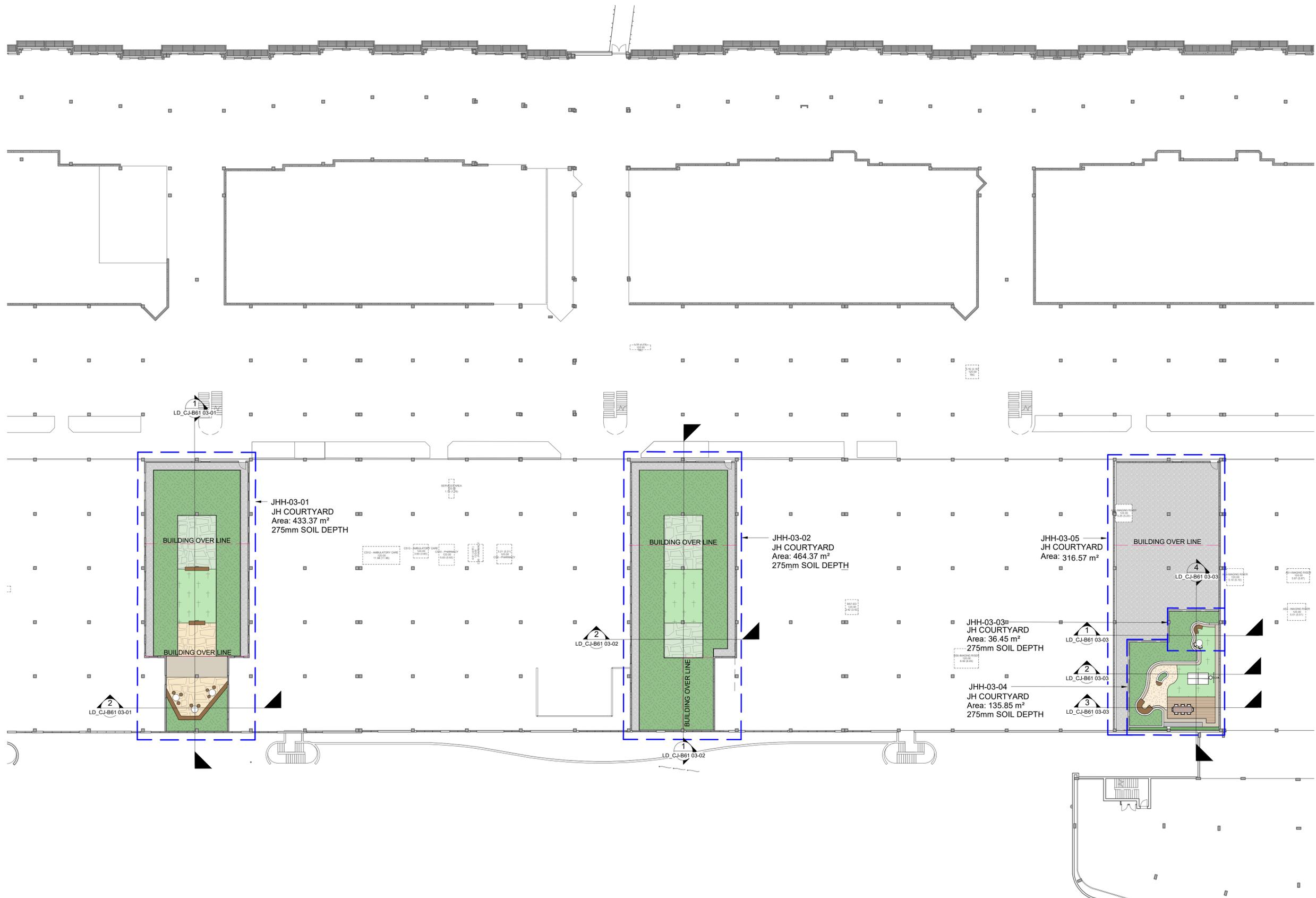
SSDA P0012689

SCALE
1 : 250 @A1

DRAWING NO. REVISION

LD_CJ-B20 03-30

B



GENERAL LEGEND

INSITU CONCRETE PAVEMENT	FLAGSTONE PAVER	ARTIFICIAL TURF	TURF	STEPS & CONCRETE SEATING
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Planning, Industry & Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 50 of 64

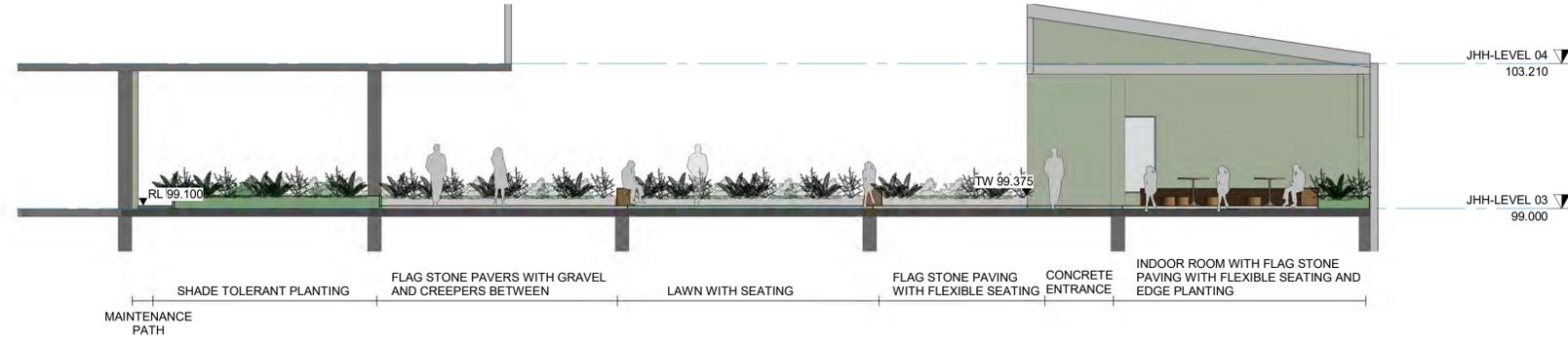
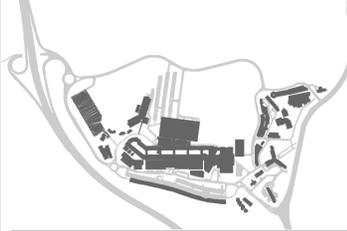
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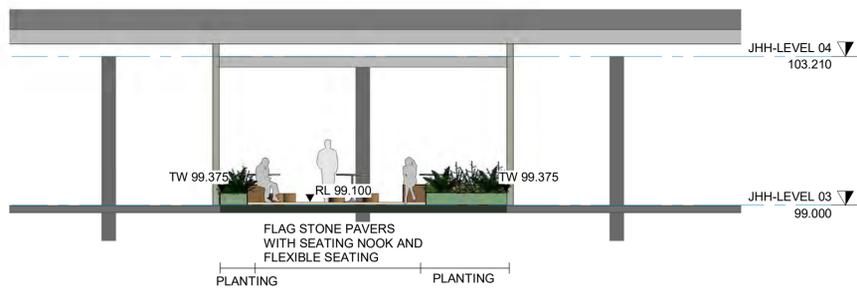
CLIENT



KEY PLAN



1 SECTION 1 - JH BUILDING LEVEL 03 - COURTYARD 1 (1 : 100)
LD_BJ-B20 03-32



2 SECTION 2 - JH BUILDING LEVEL 03 - COURTYARD 1 (1 : 100)
LD_BJ-B20 03-32

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REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT
Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR:

DRAWING TITLE
JHH BUILDING LEVEL 03 COURTYARD 1 SECTIONS

ISSUE PROJECT NO.

SSDA P0012689

SCALE
1 : 100 @A1

DRAWING NO. REVISION

LD_CJ-B61 03-01

B

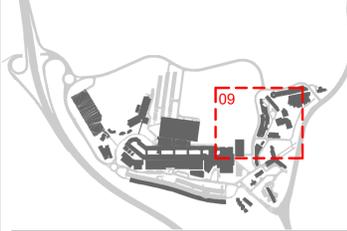
Planning, Industry & Environment
Issued under the Environmental Planning and Assessment Act 1979

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Granted on the: 30 November 2021 Sheet No: 51 of 64

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KEY PLAN



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B	100% SSDA ISSUE	MK	PJ	13/05/2021
A	100% SSDA ISSUE	MK	PJ	23/04/2021
REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS

**JOHN HUNTER
HEALTH &
INNOVATION
PRECINCT**

Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR: Approver

DRAWING TITLE
**JHH BUILDING LEVEL 03
COURTYARD 2 SECTIONS**

ISSUE PROJECT NO.

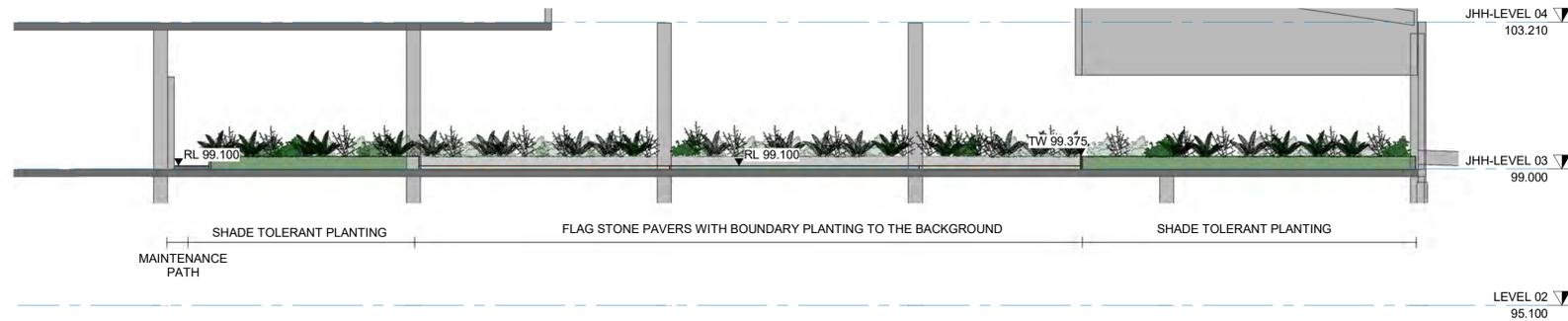
SSDA P0012689

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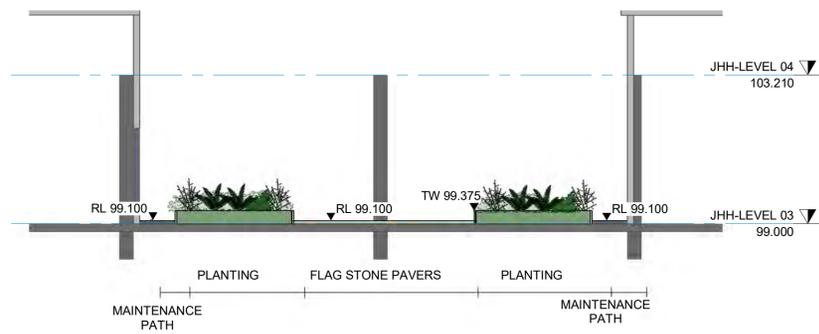
DRAWING NO. REVISION

LD_CJ-B61 03-02

B



1 SECTION 1 - JH BUILDING LEVEL 03 - COURTYARD 2 (1 : 100)



2 SECTION 2 - JH BUILDING LEVEL 03 - COURTYARD 2 (1 : 100)



**Planning,
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Approved Application No: SSD-9351535

Signed: MF

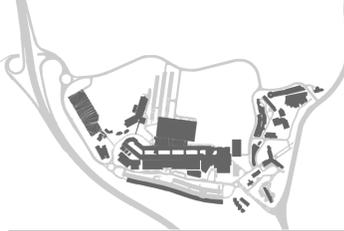
Granted on the: 30 November 2021

Sheet No: 52 of 64

CLIENT



KEY PLAN



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GENERAL NOTES

1. THE PLAN MUST BE READ IN CONJUNCTION WITH THE SPECIFICATION WHICH ALSO CONTAINS THE SCHEDULE OF LANDSCAPE WORKS AND PLANT SCHEDULE.
1. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ASSOCIATED DRAWINGS BY OTHER CONSULTANTS, e.g. ENGINEERS.
2. DO NOT SCALE FROM DRAWING PACKAGE, USE NOMINATED DIMENSIONS AND LEVELS
3. REFER TO THE TREE PROTECTION PLAN (AND POTENTIAL TREE ASSESSMENT REPORT) FOR DETAILS OF EXISTING TREES TO BE REMOVED, RETAINED OR TRANSPLANTED
5. THE CONTRACTOR MUST REFER ANY DISCREPANCIES TO THE SUPERINTENDENTS REPRESENTATIVE BEFORE PROCEEDING WITH WORKS
6. LOCATE AND PROTECT ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION. MAKE GOOD ALL DAMAGE
7. THESE DRAWINGS ARE TO BE PRINTED IN COLOUR
8. FOR LEGEND REFER TO LEGEND SHEET LD_00-A10 XX-01
9. FOR DETAILED DESCRIPTION OF EACH LANDSCAPE AREA REFER TO LANDSCAPE AREAS SCHEDULE
10. NUMBERS ON LANDSCAPE AREAS ARE REFERING TO THE LANDSCAPE SPACE INDEX
11. IRRIGATION DESIGN TO BE DEVELOPED AND COORDINATED AT DESIGN DEVELOPMENT

B	100% SSDA ISSUE	MK	PJ	13/05/2021
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REV	DESCRIPTION	DWN	CHK	DATE

PROJECT NAME & ADDRESS

JOHN HUNTER HEALTH & INNOVATION PRECINCT
Lookout Rd, New Lambton Heights, NSW 2305

PROJECT DIRECTOR: Approver

DRAWING TITLE
JHH BUILDING LEVEL 03 COURTYARD 3 SECTIONS

ISSUE PROJECT NO.

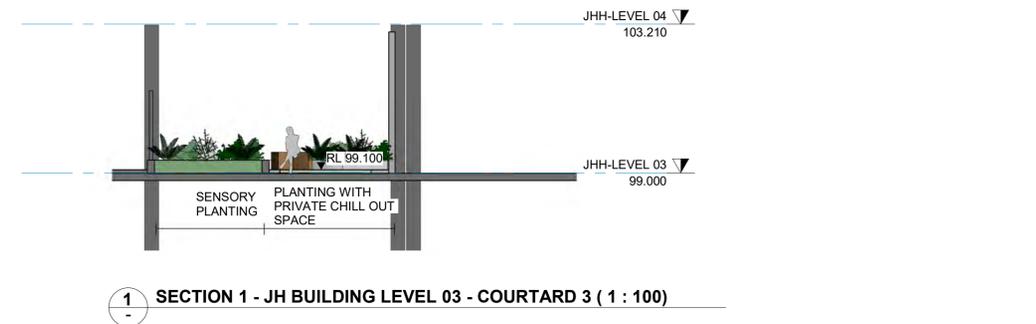
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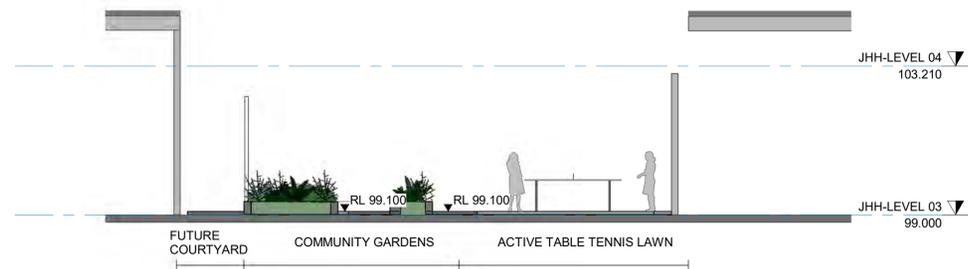
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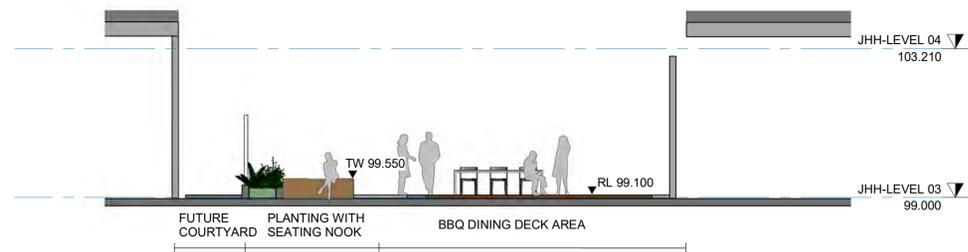
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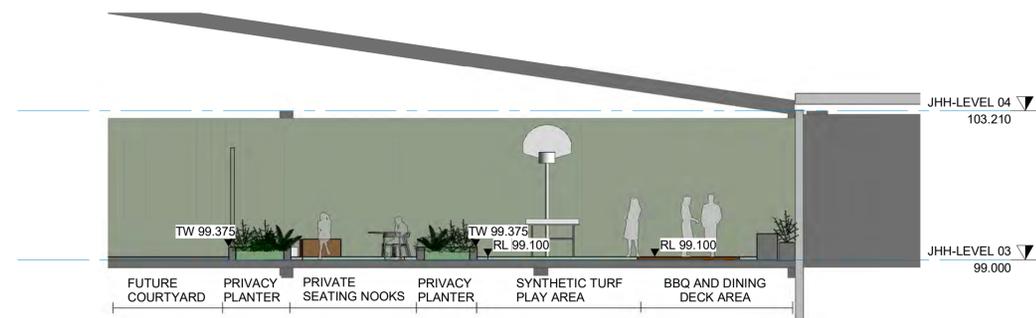
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2 SECTION 2 - JH BUILDING LEVEL 03 - COURTYARD 3 (1 : 100)



3 SECTION 3 - JH BUILDING LEVEL 03 - COURTYARD 3 (1 : 100)



4 SECTION 4 - JH BUILDING LEVEL 03 - COURTYARD 3 (1 : 100)

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Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 53 of 64

JOHN HUNTER HEALTH AND INNOVATION PRECINCT

LOOKOUT ROAD, NEW LAMBTON HEIGHTS CIVIL SSDA PACKAGE



LOCALITY PLAN

DRAWING SCHEDULE

DRG No.	DRAWING TITLE
C001-DA	COVER SHEET, LOCALITY PLAN AND DRAWING SCHEDULE
C100-DA	SOIL AND WATER MANAGEMENT PLAN
C101-DA	SOIL AND WATER MANAGEMENT DETAILS
C102-DA	SOIL AND WATER MANAGEMENT NOTES
C200-DA	BULK EARTHWORKS PLAN
C300-DA	CIVIL WORKS ARRANGEMENT PLAN
C400-DA	ROAD SETOUT PLAN
C401-DA	ROAD TYPICAL SECTIONS
C501-DA	ROAD LONG SECTIONS - SHEET 1
C502-DA	ROAD LONG SECTIONS - SHEET 2
C503-DA	ROAD LONG SECTIONS - SHEET 3



**Planning,
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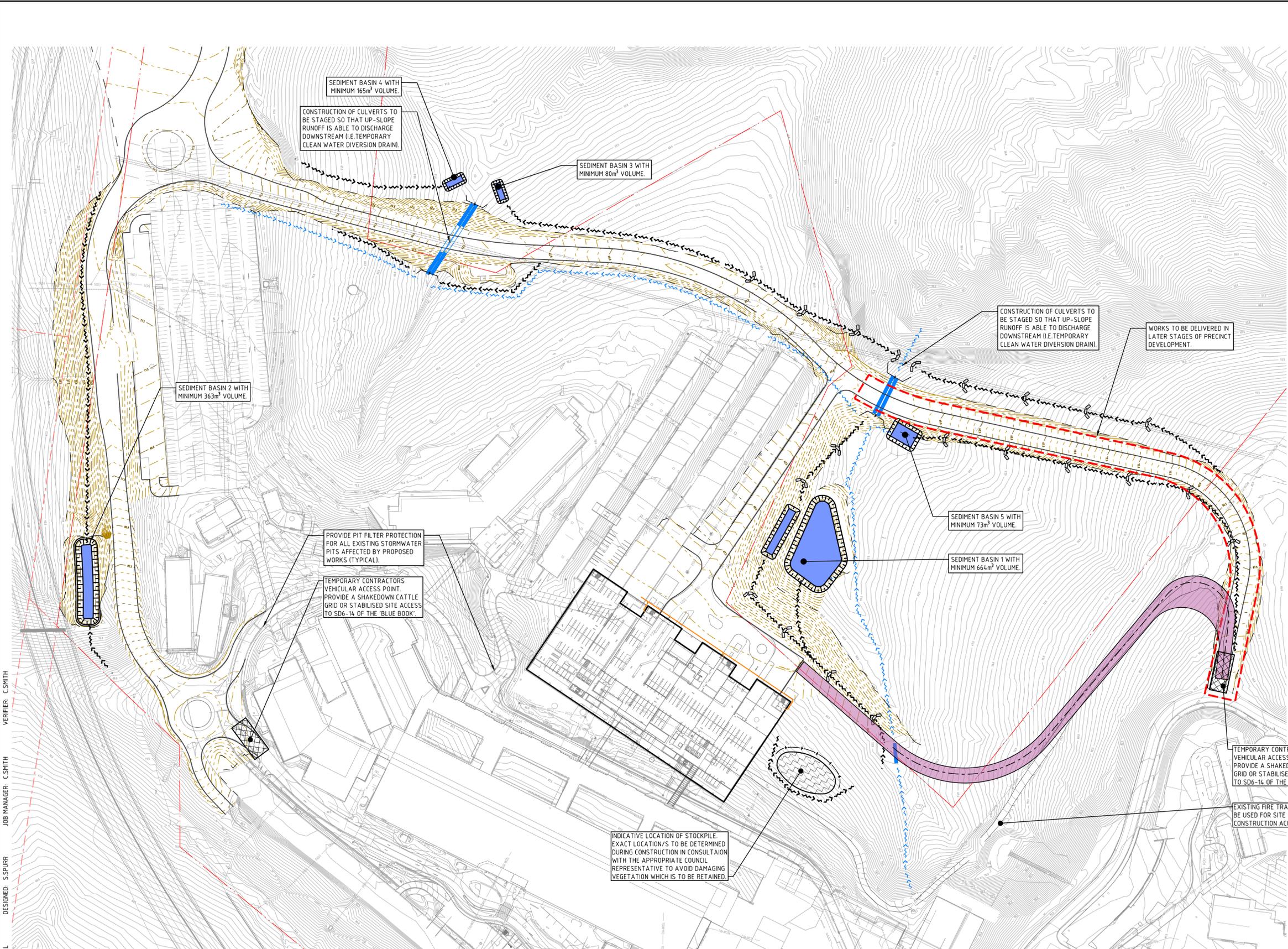
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Approved Application No: SSD-9351535 Signed: MF

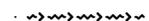
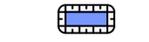
Granted on the: 30 November 2021 Sheet No: 54 of 64

DRAWN: L STEEL DESIGNED: S SPURR JOB MANAGER: C SMITH VERIFIER: C SMITH

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT	PROJECT	DRAWING TITLE	JOB NUMBER	
2	ISSUED FOR REVIEW	LS		CS	09.11.20				JOHN HUNTER HEALTH AND INNOVATION PRECINCT LOOKOUT ROAD, NEW LAMBTON HEIGHTS N.S.W	CIVIL ENGINEERING PACKAGE COVER SHEET, LOCALITY PLAN AND DRAWING SCHEDULE	NL191366 C001-DA 7
3	ISSUED FOR SCHEMATIC DESIGN	LS		CS	29.01.21						
4	ISSUED FOR DRAFT SSDA	LS		CS	25.02.21						
5	ISSUED FOR DRAFT SSDA	LS		CS	09.03.21						
6	ISSUED FOR SSDA	LS		CS	31.03.21						
7	ISSUED FOR SSDA	LS		CS	30.07.21						
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LEGEND

-  DENOTES BOUNDARY LINE
-  DENOTES EXISTING CONTOURS AT 1m INTERVALS.
-  DENOTES EXISTING CONTOURS AT 0.5m INTERVALS.
-  DENOTES SEDIMENT FENCE, REFER TO DETAIL ON DRAWING C101-DA.
-  DENOTES SANDBAG SEDIMENT FILTER AND SEDIMENT SUMP, REFER TO DETAIL ON DRAWING C101-DA.
-  DENOTES DIVERSION DRAIN (CLEAN)
-  DENOTES DIVERSION DRAIN (DIRTY)
-  DENOTES STOCKPILE, REFER TO DETAIL ON DRAWING C101-DA.
-  DENOTES SEDIMENT BASIN, REFER TO DETAIL ON DRAWING C101-DA.
-  DENOTES EXTENT OF PROPOSED CONSTRUCTION ACCESS TRACK.
-  DENOTES STABILISED SITE ACCESS, REFER TO DETAIL ON DRAWING C101-DA.
-  DENOTES TEMPORARY WATERWAY CROSSING, REFER TO DETAIL ON DRAWING C101-DA.

REFER TO SHEET C102-DA FOR EROSION AND SEDIMENT CONTROL NOTES



Planning, Industry & Environment

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Approved Application No: SSD-9351535 Signed: MF

Granted on the: 30 November 2021 Sheet No: 55 of 64

DRAWN: L STEEL DESIGNED: S SPURR JOB MANAGER: C SMITH VERIFIER: C SMITH

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
1	ISSUED FOR REVIEW	LS	CS		09.11.20	
2	ISSUED FOR SCHEMATIC DESIGN	LS	CS		29.01.21	
3	ISSUED FOR DRAFT SSDA	LS	CS		25.02.21	
4	ISSUED FOR DRAFT SSDA	LS	CS		09.03.21	
5	ISSUED FOR SSDA	LS	CS		31.03.21	
6	ISSUED FOR SSDA	LS	CS		30.07.21	

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Newcastle

Suite 4, 215 Pacific Hwy, Charlestown NSW 2290
 P.O. Box 180, Charlestown NSW 2290
 Ph: (02) 4943 1777 Fax: (02) 4943 1577
 Email: newcastle@northrop.com.au ABN 81 094 433 100

PROJECT

JOHN HUNTER HEALTH AND INNOVATION PRECINCT

LOOKOUT ROAD, NEW LAMBTON HEIGHTS N.S.W

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

SOIL AND WATER MANAGEMENT PLAN

JOB NUMBER

NL191366

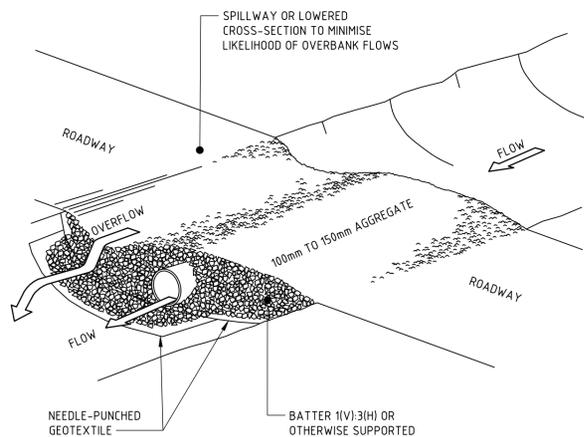
DRAWING NUMBER

C100-DA

REVISION

6

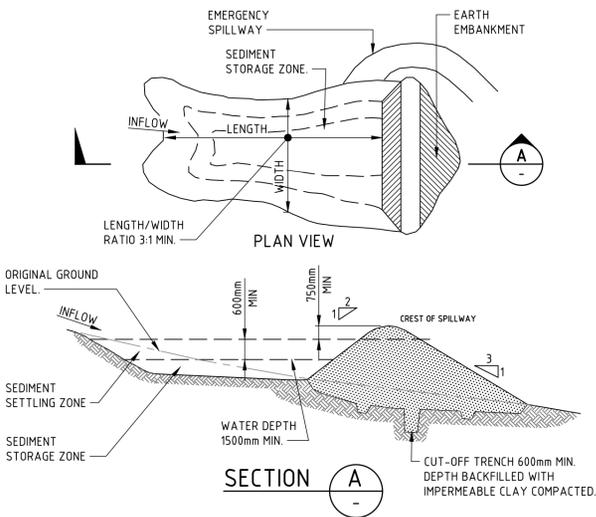
DRAWING SHEET SIZE = A1



CONSTRUCTION NOTES

1. PROHIBIT ALL TRAFFIC UNTIL THE ACCESS WAY IS CONSTRUCTED.
2. STRIP ANY TOPSOIL AND PLACE A NEEDLE-PUNCHED TEXTILE OVER THE BASE OF THE CROSSING.
3. PLACE CLEAN, RIGID, NON POLLUTING AGGREGATE OR GRAVEL IN THE 100mm TO 150mm SIZE CLASS OVER THE FABRIC TO A MINIMUM DEPTH OF 200mm.
4. PROVIDE A 3m WIDE CARRIAGEWAY WITH SUFFICIENT LENGTH OF CULVERT PIPE TO ALLOW LESS THAN A 3(H): 1(V) SLOPE ON SIDE BATTERS.
5. INSTALL A LOWER SECTION TO ACT AS AN EMERGENCY SPILLWAY IN GREATER THAN DESIGN STORM EVENTS.
6. ENSURE THAT CULVERT OUTLETS EXTEND BEYOND THE TOE OF FILL EMBANKMENTS.

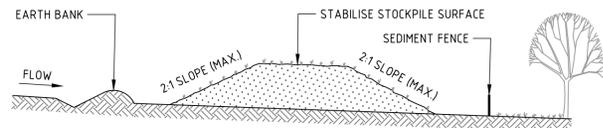
TEMPORARY WATERWAY CROSSING (SD 5-1)



CONSTRUCTION NOTES

1. REMOVE ALL VEGETATION AND TOPSOIL FROM UNDER THE DAM WALL AND FROM WITHIN THE STORAGE AREA.
2. CONSTRUCT A CUT-OFF TRENCH 500mm DEEP AND 1200mm WIDE ALONG THE CENTRELINE OF THE EMBANKMENT EXTENDING TO A POINT ON THE GULLY WALL LEVEL WITH THE RISER CREST.
3. MAINTAIN THE TRENCH FREE OF WATER AND RECOMPACT THE MATERIALS WITH EQUIPMENT AS SPECIFIED IN THE SWMP TO 95 PER CENT STANDARD PROCTOR DENSITY.
4. SELECT FILL FOLLOWING THE SWMP THAT IS FREE OF ROOTS, WOOD, ROCK, LARGE STONE OR FOREIGN MATERIAL.
5. PREPARE THE SITE UNDER THE EMBANKMENT BY RIPPING TO AT LEAST 100mm TO HELP BOND COMPACTED FILL TO THE EXISTING SUBSTRATE.
6. SPREAD THE FILL IN 100mm TO 150mm LAYERS AND COMPACT IT AT OPTIMUM MOISTURE CONTENT FOLLOWING THE SWMP.
7. CONSTRUCT THE EMERGENCY SPILLWAY.
8. REHABILITATE THE STRUCTURE FOLLOWING THE SWMP.

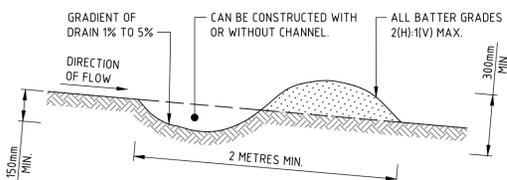
(APPLIES TO 'TYPE D' AND 'TYPE F' SOILS ONLY)
EARTH BASIN - WET (SD 6-4)



CONSTRUCTION NOTES

1. PLACE STOCKPILES MORE THAN 2m (PREFERABLY 5m) FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2m IN HEIGHT.
4. WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
5. CONSTRUCT EARTH BANKS (STANDARD DRAWING 5-5) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES (STANDARD DRAWING 6-8) 1 TO 2m DOWNSLOPE.

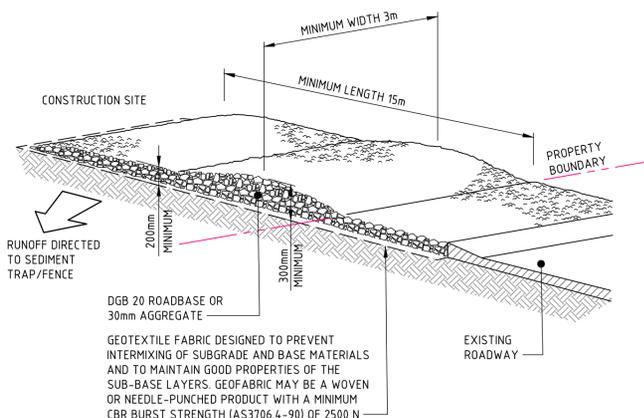
STOCKPILES (SD 4-1)



CONSTRUCTION NOTES

1. BUILD WITH GRADIENTS BETWEEN 1 AND 5 PERCENT.
2. AVOID REMOVING TREES AND SHRUBS IF POSSIBLE - WORK AROUND THEM.
3. ENSURE THE STRUCTURES ARE FREE OF PROJECTIONS OR OTHER IRREGULARITIES THAT COULD IMPEDE WATER FLOW.
4. BUILD THE DRAINS WITH CIRCULAR, PARABOLIC OR TRAPEZOIDAL CROSS SECTIONS, NOT V SHAPED.
5. ENSURE THE BANKS ARE PROPERLY COMPACTED TO PREVENT FAILURE.
6. COMPLETE PERMANENT OR TEMPORARY STABILISATION WITHIN 10 DAYS OF CONSTRUCTION.

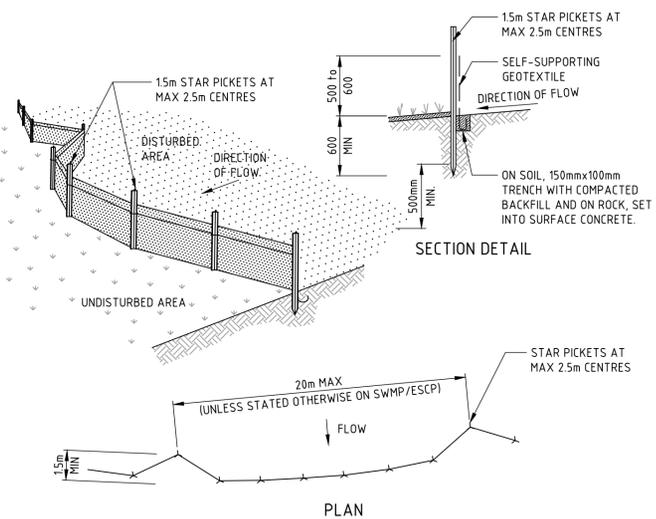
NOTE: ONLY TO BE USED AS TEMPORARY BANK WHERE MAXIMUM UPSLOPE LENGTH IS 80 METRES.
EARTH BANK - LOW FLOW (SD 5-5)



CONSTRUCTION NOTES

1. STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE.
2. COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
3. CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASE OR 30mm AGGREGATE.
4. ENSURE THE STRUCTURE IS AT LEAST 15 METRES LONG OR TO BUILDING ALIGNMENT AND AT LEAST 3 METRES WIDE.
5. WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE STABILISED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE.

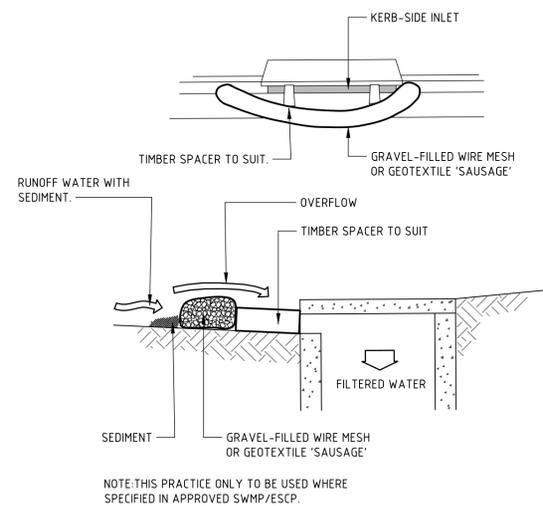
STABILISED SITE ACCESS (SD 6-14)



CONSTRUCTION NOTES

1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. DRIVE 15 METRE LONG STAR PICKETS INTO GROUND AT 2.5 METRE INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.

SEDIMENT FENCE (SD 6-8)



CONSTRUCTION NOTES

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

MESH AND GRAVEL INLET FILTER (SD 6-11)



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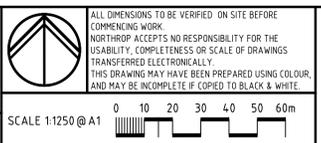
Approved Application No: SSD-9351535 Signed: MF
Granted on the: 30 November 2021 Sheet No: 56 of 64

VERIFIER: C SMITH
JOB MANAGER: C SMITH
DESIGNED: S SPURR
DRAWN: L STEEL

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
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PROJECT
JOHN HUNTER HEALTH AND INNOVATION PRECINCT
LOOKOUT ROAD, NEW LAMBTON HEIGHTS N.S.W

DRAWING TITLE
CIVIL ENGINEERING PACKAGE
SOIL AND WATER MANAGEMENT DETAILS

JOB NUMBER
NL191366
DRAWING NUMBER
C101-DA
REVISION
6
DRAWING SHEET SIZE = A1

SOIL AND WATER MANAGEMENT CONTROL NOTES

- THE ESCP/SWMP AND ITS ASSOCIATED EROSION AND SEDIMENT CONTROL MEASURES MUST BE CONSTANTLY MONITORED, REVIEWED, AND MODIFIED AS REQUIRED TO CORRECT DEFICIENCIES. COUNCIL HAS THE RIGHT TO REQUEST CHANGES IF, IN ITS OPINION, THE MEASURES THAT ARE PROPOSED OR HAVE BEEN INSTALLED ARE INADEQUATE TO PREVENT POLLUTION.
- PRIOR TO ANY ACTIVITIES ONSITE, THE RESPONSIBLE PERSON(S) IS TO BE NOMINATED. THE RESPONSIBLE PERSON(S) WILL BE RESPONSIBLE FOR THE EROSION AND SEDIMENT CONTROL (ESC) MEASURES ONSITE.
- THE APPROVED SWMP MUST BE AVAILABLE ON-SITE FOR INSPECTION BY COUNCIL OFFICERS WHILE WORK ACTIVITIES ARE OCCURRING.
- ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE APPROPRIATE FOR THE SEDIMENT TYPE(S) OF THE SOILS ONSITE, IN ACCORDANCE WITH THE BLUE BOOK (MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION, LANDCOM, 2004), OR OTHER CURRENT RECOGNISED INDUSTRY STANDARD FOR EROSION AND SEDIMENT CONTROL FOR AUSTRALIAN CONDITIONS. THIS INCLUDES SEDIMENT TRAPS, TREATMENT OF CAPTURED WATER, AND LINING OF CHANNELS.
- NO LAND-DISTURBING ACTIVITIES ON THE SITE SHALL OCCUR UNTIL ALL PERIMETER ESC MEASURES, SEDIMENT BASINS, AND ASSOCIATED TEMPORARY DRAINAGE CONTROLS, HAVE BEEN CONSTRUCTED AND ARE FULLY OPERATIONAL, IN ACCORDANCE WITH CURRENT BEST PRACTICE ESC. THIS IS UNLESS SUCH CLEARING IS REQUIRED FOR THE PURPOSE OF INSTALLING SUCH MEASURES, IN WHICH CASE ONLY THE MINIMUM CLEARING REQUIRED TO INSTALL SUCH MEASURES SHALL OCCUR.
- ADDITIONAL ESC MEASURES MUST BE IMPLEMENTED, AND A REVISED SWMP IS TO BE SUBMITTED FOR APPROVAL TO THE CERTIFIER (WITHIN FIVE (5) BUSINESSDAYS OF ANY SUCH AMENDMENTS) IN THE EVENT THAT:
 - THERE IS A HIGH PROBABILITY THAT SERIOUS OR MATERIAL ENVIRONMENTAL HARM MAY OCCUR AS A RESULT OF SEDIMENT LEAVING THE SITE, OR
 - THE IMPLEMENTED WORKS FAIL TO ACHIEVE COUNCIL'S WATER QUALITY OBJECTIVES SPECIFIED IN THESE CONDITIONS, OR
 - SITE CONDITIONS SIGNIFICANTLY CHANGE, OR
 - SITE INSPECTIONS INDICATE THAT THE IMPLEMENTED WORKS ARE FAILING TO ACHIEVE THE "OBJECTIVE" OF THE SWMP.
 - A COPY OF ANY AMENDED SWMP MUST BE FORWARDED TO AN APPROPRIATE COUNCIL OFFICER, WITHIN FIVE (5) BUSINESSDAYS OF ANY SUCH AMENDMENTS.
- ALL REASONABLE AND PRACTICABLE MEASURES MUST BE TAKEN TO ENSURE STORMWATER RUNOFF FROM ACCESS ROADS AND STABILISED ENTRY/EXIT SYSTEMS, DRAINS TO AN APPROPRIATE SEDIMENT CONTROL DEVICE.
- THE APPLICANT MUST ENSURE AN ADEQUATE SUPPLY OF ESC, AND APPROPRIATE POLLUTION CLEAN-UP MATERIALS ARE AVAILABLE ON-SITE AT ALL TIMES. THIS INCLUDES CHEMICALS/AGENTS TO TREAT TURBID WATER IN BASINS.
- SEDIMENT DEPOSITED OFF SITE AS A RESULT OF ON-SITE ACTIVITIES MUST BE COLLECTED AND THE AREA CLEANED/REHABILITATED AS SOON AS REASONABLE AND PRACTICABLE.
- NEWLY SEALED HARD-STAND AREAS (E.G. ROADS, DRIVEWAYS AND CAR PARKS) MUST BE SWEEPED THOROUGHLY AS SOON AS PRACTICABLE AFTER SEALING/SURFACING TO MINIMISE THE RISK OF COMPONENTS OF THE SURFACING COMPOUND ENTERING STORMWATER DRAINS.
- STOCKPILES OF ERODIBLE MATERIAL MUST BE PROVIDED WITH AN APPROPRIATE PROTECTIVE COVER (SYNTHETIC OR ORGANIC) IF THE MATERIALS ARE LIKELY TO BE STOCKPILED FOR MORE THAN 10 DAYS.
- STOCKPILES, TEMPORARY OR PERMANENT, SHALL NOT BE LOCATED IN AREAS IDENTIFIED AS NO-GO ZONES (INCLUDING, BUT NOT LIMITED TO, RESTRICTED ACCESS AREAS, BUFFER ZONES, OR AREAS OF NON-DISTURBANCE) ON THE ESCP/SWMP.
- PRIORITY MUST BE GIVEN TO THE PREVENTION, OR AT LEAST THE MINIMISATION, OF SOIL EROSION, RATHER THAN THE TRAPPING OF DISPLACED SEDIMENT.
- MEASURES USED TO CONTROL WIND EROSION MUST BE APPROPRIATE FOR THE LOCATION AND PREVENT SOIL EROSION AT ALL TIMES, INCLUDING WORKING HOURS, OUT OF HOURS, WEEKENDS, PUBLIC HOLIDAYS, AND DURING ANY OTHER SHUTDOWN PERIODS.
- THE APPLICATION OF LIQUID OR CHEMICAL-BASED DUST SUPPRESSION MEASURES MUST ENSURE THAT SEDIMENT-LADEN RUNOFF RESULTING FROM SUCH MEASURES (E.G. RUNOFF OF EXCESS WATER) DOES NOT CREATE A TRAFFIC OR ENVIRONMENTAL HAZARD.
- PRIOR TO THE CONTROLLED DISCHARGE (E.G. DE-WATERING ACTIVITIES FROM EXCAVATIONS AND SEDIMENT BASINS) OF ANY WATER FROM THE SITE DURING CONSTRUCTION, THE FOLLOWING WATER QUALITY OBJECTIVES MUST BE ACHIEVED:
 - TOTAL SUSPENDED SOLIDS (TSS) TO A MAXIMUM 50MG/L;
 - TURBIDITY (NTU) TO A MAXIMUM OF 60 NTU MEASURED BY A TURBIDITY METER;
 - WATER PH BETWEEN 6.5 AND 8.5 UNLESS OTHERWISE REQUIRED BY THE COUNCIL; AND
 - EC LEVELS NO GREATER THAN BACKGROUND LEVELS.
- PRIOR TO ANY FORECAST WEATHER EVENT LIKELY TO RESULT IN SEDIMENT LADEN RUNOFF ON THE SITE, ANY EXISTING DETENTION BASINS/TRAPS SHALL BE DEWATERED TO PROVIDE SUFFICIENT CAPACITY TO CAPTURE SEDIMENT LADEN WATER FROM THE SITE PRIOR TO THE WEATHER EVENT.
- ANY SEDIMENT-LADEN WATER CAPTURED ONSITE MUST BE TREATED TO ENSURE IT WILL ACHIEVE COUNCIL'S WATER QUALITY OBJECTIVES SPECIFIED IN THESE CONDITIONS, PRIOR TO ITS RELEASE FROM SITE. A SAMPLE OF THE RELEASED TREATED WATER MUST BE KEPT ONSITE IN A CLEAR CONTAINER WITH THE SAMPLE DATE RECORDED ON IT.
- NO ALUMINIUM BASED PRODUCTS MAY BE USED TO TREAT TURBID WATER (FLOCCULATING/COAGULANTS) ONSITE WITHOUT THE PRIOR WRITTEN PERMISSION FROM AN APPROPRIATE COUNCIL OFFICER. THE APPLICANT MUST HAVE A DEMONSTRATED ABILITY TO USE SUCH PRODUCTS CORRECTLY AND WITHOUT ENVIRONMENTAL HARM PRIOR TO ANY APPROVAL.
- THE CHEMICAL/AGENT (FLOCCULATING/COAGULANTS) USED IN TYPE D AND TYPE F BASINS TO TREAT TURBID WATER CAPTURED IN THE BASIN MUST BE APPLIED IN CONCENTRATIONS SUFFICIENT TO ACHIEVE COUNCIL'S WATER QUALITY OBJECTIVES, SPECIFIED IN THESE CONDITIONS, WITHIN THE X-DAY RAINFALL DEPTH USED TO CALCULATE THE CAPACITY OF THE BASIN, AFTER A RAINFALL EVENT.
- ALL MANUFACTURERS INSTRUCTIONS MUST BE FOLLOWED FOR THE USE OF ANY CHEMICALS/AGENTS USED ONSITE, EXCEPT WHERE APPROVED BY THE RESPONSIBLE PERSON OR AN APPROPRIATE COUNCIL OFFICER.
- ANY BASIN MUST BE DEWATERED AS SOON AS PRACTICAL, ONCE WATER CAPTURED IN THE BASIN ACHIEVES COUNCIL'S WATER QUALITY OBJECTIVES, SPECIFIED IN THESE CONDITIONS.
- THE APPLICANT MUST ENSURE THAT ON EACH OCCASION A TYPE F OR TYPE D BASIN WAS NOT DE-WATERED PRIOR TO BEING SURCHARGED BY A FOLLOWING RAINFALL EVENT, A REPORT IS PRESENTED TO AN APPROPRIATE COUNCIL OFFICER WITHIN 5 DAYS IDENTIFYING THE CIRCUMSTANCES AND PROPOSED AMENDMENTS, IF ANY, TO THE BASIN'S OPERATING PROCEDURES.
- WHERE MORE THAN ONE STAGE IS TO BE DEVELOPED AT ONE TIME, OR BEFORE THE PRECEDING STAGE IS COMPLETE, THE SEDIMENT BASIN(S) FOR THESE STAGES MUST HAVE SUFFICIENT CAPACITY TO CATER FOR ALL AREA DIRECTED TO THE BASIN(S).
- ALL SEDIMENT BASINS MUST REMAIN FULLY OPERATIONAL AT ALL TIMES UNTIL THE BASIN'S DESIGN CATCHMENT ACHIEVES 70% GROUND COVERAGE, OR SURFACE STABILISATION ACCEPTABLE TO COUNCIL.
- SETTLED SEDIMENT MUST BE REMOVED AS SOON AS REASONABLE AND PRACTICABLE FROM ANY SEDIMENT BASIN IN ACCORDANCE WITH THE BLUE BOOK.
- ALL SEDIMENT CONTROL DEVICES (OTHER THAN SEDIMENT BASINS) MUST BE DE-SILTED AND MADE FULLY OPERATIONAL AS SOON AS REASONABLE AND PRACTICABLE AFTER RUNOFF-PRODUCING RAINFALL, OR IF THE SEDIMENT RETENTION CAPACITY OF THE DEVICE FALLS BELOW 75% OF THE DESIGN RETENTION CAPACITY.
- PROCEDURES FOR INITIATING A SITE SHUTDOWN, WHETHER PROGRAMMED OR UN-PROGRAMMED, MUST INCORPORATE REVEGETATION OF ALL SOIL DISTURBANCES UNLESS OTHERWISE APPROVED BY COUNCIL. THE STABILISATION WORKS MUST NOT RELY UPON THE LONGEVITY OF NON-VEGETATED EROSION CONTROL BLANKETS, OR TEMPORARY SOIL BINDERS.
- ALL ESC MEASURES MUST BE INSPECTED:
 - AT LEAST DAILY (WHEN WORK IS OCCURRING ON-SITE); AND
 - AT LEAST WEEKLY (WHEN WORK IS NOT OCCURRING ON-SITE); AND
 - WITHIN 24HRS OF EXPECTED RAINFALL; AND
 - WITHIN 18HRS OF A RAINFALL EVENT THAT CAUSES RUNOFF ON THE SITE).
- WRITTEN RECORDS MUST BE KEPT ONSITE OF ESC MONITORING AND MAINTENANCE ACTIVITIES CONDUCTED DURING THE CONSTRUCTION AND MAINTENANCE PERIODS, AND BE AVAILABLE TO COUNCIL OFFICERS ON REQUEST.
- ALL SITE MONITORING DATA INCLUDING RAINFALL RECORDS, DATES OF WATER QUALITY TESTING, TESTING RESULTS AND RECORDS OF CONTROLLED WATER RELEASES FROM THE SITE, MUST BE KEPT IN AN ON-SITE REGISTER. THE REGISTER IS TO BE MAINTAINED UP TO DATE FOR THE DURATION OF THE APPROVED WORKS AND BE AVAILABLE ON-SITE FOR INSPECTION BY COUNCIL OFFICERS ON REQUEST.
- WATER QUALITY SAMPLES FROM SEDIMENT BASIN(S) MUST BE TAKEN AT A DEPTH NO LESS THAN 200MM BELOW THE WATER SURFACE WITHIN THE BASIN.
- ALL ENVIRONMENTAL INCIDENTS MUST BE RECORDED IN A FIELD LOG THAT MUST REMAIN ACCESSIBLE TO ALL RELEVANT REGULATORY AUTHORITIES ON REQUEST.
- ALL MATERIALS REMOVED FROM ESC DEVICES DURING MAINTENANCE, OR DECOMMISSIONING, WHETHER SOLID OR LIQUID, MUST BE DISPOSED OF IN A MANNER THAT DOES NOT CAUSE ANY ONGOING EROSION OR POLLUTION HAZARD.
- INSTALL SEDIMENT PROTECTION FILTERS ON ALL NEW AND EXISTING STORMWATER INLET PITS IN ACCORDANCE WITH EITHER THE MESH AND GRAVEL INLET FILTER DETAIL SD6-11 OR THE GEOTEXTILE INLET FILTER DETAIL SD6-12 OF THE 'BLUE BOOK'.
- ESTABLISH ALL REQUIRED SEDIMENT FENCES IN ACCORDANCE WITH DETAIL SD6-8 OF THE 'BLUE BOOK'.
- ALL TRENCHES INCLUDING ALL SERVICE TRENCHES AND SWALE EXCAVATION SHALL BE SIDE-CAST TO THE HIGH SIDE AND CLOSED AT THE END OF EACH DAYS WORK.
- ALL VEGETATION TO BE REMOVED SHALL BE MULCHED ONSITE AND SPREAD/STOCKPILED AS DIRECTED BY THE SUPERINTENDENT.
- ANY SURPLUS MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH EPA GUIDELINES.
- CONSTRUCT AND MAINTAIN ALL MATERIAL STOCKPILES IN ACCORDANCE WITH DETAIL SD4-1 OF THE 'BLUE BOOK' (INCLUDING CUT-OFF SWALES TO THE HIGH SIDE AND SEDIMENT FENCES TO THE LOW SIDE).
- ENSURE STOCKPILES DO NOT EXCEED 2.0m HIGH. PROVIDE WIND AND RAIN EROSION PROTECTION AS REQUIRED IN ACCORDANCE WITH THE 'BLUE BOOK'.
- PROVIDE WATER TRUCKS OR SPRINKLER DEVICES DURING CONSTRUCTION AS REQUIRED TO SUPPRESS DUST.
- ONCE CUT/FILL OPERATIONS HAVE BEEN FINALIZED ALL DISTURBED AREAS THAT ARE NOT BEING WORKED ON SHALL BE RE-VEGETATED AS SOON AS IS PRACTICAL, ALTERNATIVELY SPECIFIED EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE RETAINED.

SEDIMENT BASIN CALCULATION

THE SITE IS LOCATED WITHIN THE NEWCASTLE SOIL LANDSCAPE, WHICH HAS THE FOLLOWING PROPERTIES (IN ACCORDANCE WITH TABLE C13 OF THE "BLUE BOOK"):

- SEDIMENT TYPE F
- SOIL HYDROLOGY GROUP A
- K-FACTOR OF 0.016 (WORST CASE)

THE SIZING OF THE SEDIMENT STORAGE VOLUME OF THE SITES PROPOSED SEDIMENTATION BASINS WERE CALCULATED BY APPLYING THE REVISED UNIVERSAL SOIL LOSS EQUATION (RUSLE) METHOD:

$$SOIL\ LOSS = R \times K \times LS \times P \times C$$

WHERE: R = RAINFALL EROSION FACTOR = 2590

2 YEAR, 6 HOUR STORM INTENSITY = 10.9 mm/hr

LS = SLOPE LENGTH/GRADIENT FACTOR = 0.7

K = SOIL ERODIBILITY FACTOR = 0.016

P = EROSION CONTROL PRACTICE (P-FACTOR) = 1.3 (TYPICAL)

C = GROUND COVER (C-FACTOR) = 1.0 (TYPICAL FOR STRIPPED SITE)

THE REMAINING VARIABLES ARE PRESENTED WITHIN THE TEMPORARY SEDIMENT BASIN CAPACITY TABLE.

THE SETTLING ZONE VOLUME OF THE BASIN WAS CALCULATED FOR A 2 MONTHS SOIL LOSS AS CALCULATED BY THE RUSLE METHOD:

$$SETTLING\ ZONE\ VOLUME = 10 \times CV \times RX-DAY, Y-\%ILE \times CATCHMENT\ AREA$$

WHERE RX-DAY, Y-%ILE = 30.5 mm/hr
15 DAY, 80th PERCENTILE RAINFALL EVENT, NEWCASTLE

TOTAL BASIN VOLUME					
SITE	C _v	TOTAL CATCHMENT AREA (ha)	SETTLING ZONE VOLUME (m ³)	SEDIMENT STORAGE VOLUME (m ³)	TOTAL BASIN VOLUME (m ³)
SEDIMENT BASIN 1	0.5	3.29	502	162	664
SEDIMENT BASIN 2	0.5	2.3	350	13	363
SEDIMENT BASIN 3	0.5	0.49	74	6	80
SEDIMENT BASIN 4	0.5	0.84	128	37	165
SEDIMENT BASIN 5	0.5	0.047	72	1	73

GROUND COVER FACTORS

THE LONG TERM GROUND COVER FACTORS FOR THE CONSTRUCTION WORKS IS NOT TO EXCEED THE FOLLOWING LIMITS:

LAND	MAXIMUM C-FACTOR	REMARKS
WATERWAYS AND OTHER AREAS OF CONCENTRATED FLOWS, POST CONSTRUCTION	0.05	APPLIES AFTER TEN WORKING DAYS OF COMPLETION OF FORMATION AND BEFORE CONCENTRATED FLOWS ARE APPLIED. FOOT AND VEHICULAR TRAFFIC IS PROHIBITED IN THIS AREA AND 70% GROUND COVER IS REQUIRED.
STOCKPILES, POST CONSTRUCTION	0.10	APPLIES AFTER TEN WORKING DAYS FROM COMPLETION OF FORMATION. 60% GROUND COVER IS REQUIRED.
ALL LANDS, INCLUDING WATERWAYS AND STOCKPILES, DURING CONSTRUCTION	0.15	APPLIES AFTER 20 DAYS OF INACTIVITY, EVEN THOUGH WORKS MAY BE INCOMPLETE. 50% GROUND COVER IS REQUIRED.

REVEGETATION

TEMPORARY SEED MIX

SOWING SEASON	SEED MIX
AUTUMN/WINTER	OATS @40kg/Ha + JAPANESE MILLET @10kg/Ha
SPRING/SUMMER	OATS @10kg/Ha + JAPANESE MILLET @40kg/Ha

NOTES:

THESE PLANT SPECIES ARE FOR TEMPORARY REVEGETATION ONLY. THEY WILL ONLY PROVIDE PROTECTION FROM EROSION FOR SIX MONTHS. WHERE THE LOTS ARE TO BE LEFT UNDEVELOPED FOR A LONGER PERIOD, THE CONTRACTOR SHALL SEEK ADVICE FROM THE SITE SUPERINTENDENT AS TO MORE APPROPRIATE REVEGETATION METHODS.

VERIFIER: C SMITH

JOB MANAGER: C SMITH

DESIGNED: S SPURR

DRAWN: L STEEL



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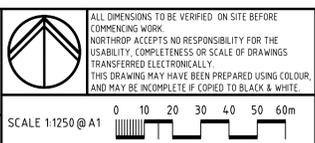
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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
1	ISSUED FOR REVIEW	LS		CS	09.11.20	
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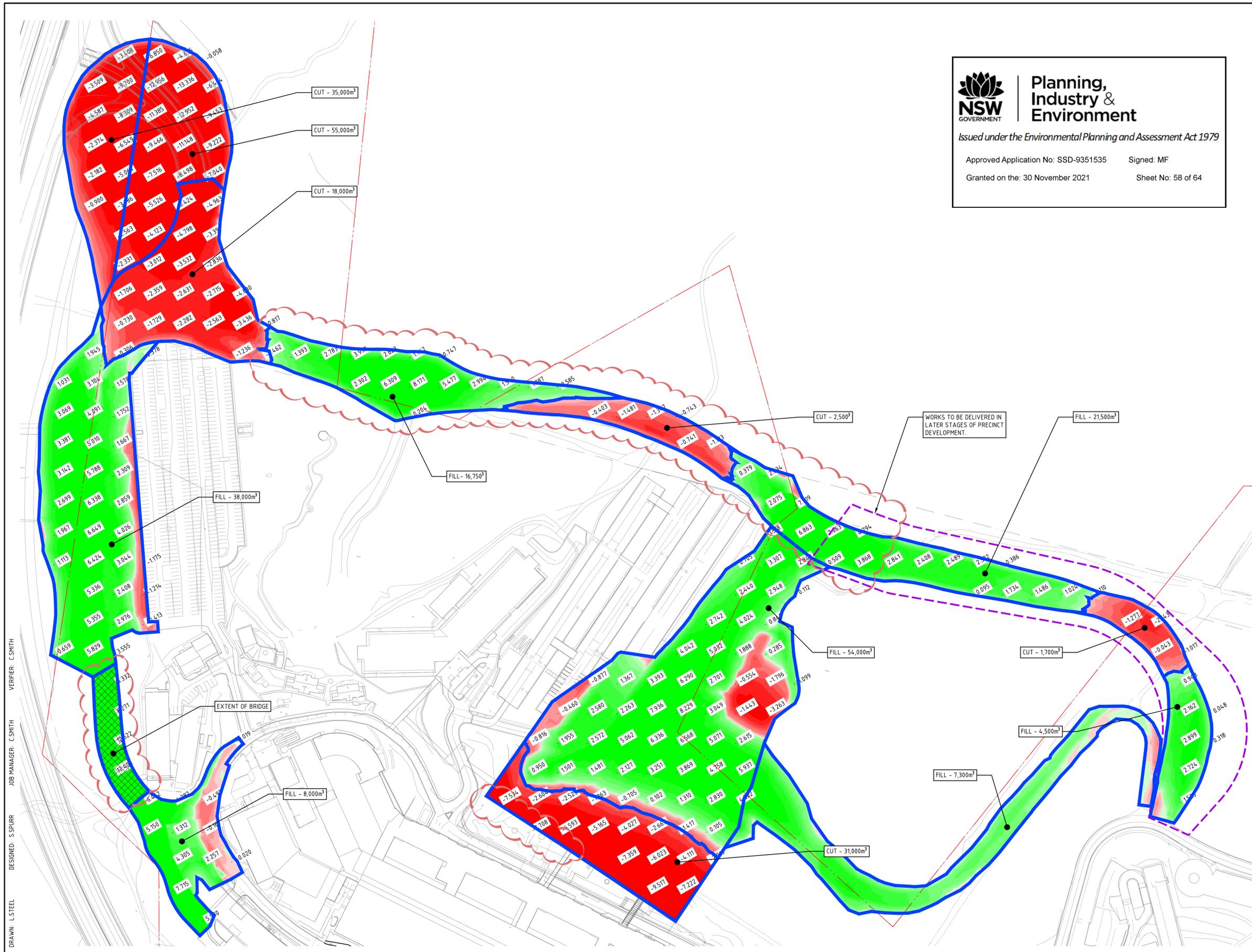


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Newcastle
Suite 4, 215 Pacific Hwy, Charlestown NSW 2290
P.O. Box 180, Charlestown NSW 2290
Ph (02) 4943 1777 Fax (02) 4943 1577
Email newcastle@northrop.com.au ABN 81 094 433 100

PROJECT
JOHN HUNTER HEALTH AND INNOVATION PRECINCT
LOOKOUT ROAD, NEW LAMBTON HEIGHTS N.S.W

DRAWING TITLE
CIVIL ENGINEERING PACKAGE
SOIL AND WATER MANAGEMENT NOTES

JOB NUMBER	
NL191366	
DRAWING NUMBER	REVISION
C102-DA	6
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LEGEND

- DENOTES BOUNDARY LINE.
- 155 DENOTES DEPTH OF FILL REQUIRED
- 150 DENOTES AREA OF CUT REQUIRED

DEPTH OF CUT

- Red: -20m TO -3.0m
- Red: -3.0m TO -2.0m
- Red: -2.0m TO -1.5m
- Red: -1.5m TO -1.0m
- Red: -1.0m TO -0.5m
- Red: -0.5m TO -0.25m
- Red: -0.25m TO -0.1m
- Red: -0.1m TO -0.0m

DEPTH OF FILL

- Green: 0.0m TO 0.1m
- Green: 0.1m TO 0.25m
- Green: 0.25m TO 0.5m
- Green: 0.5m TO 1.0m
- Green: 1.0m TO 1.5m
- Green: 1.5m TO 2.0m
- Green: 2.0m TO 3.0m
- Green: 3.0m TO 20m

SITE EARTHWORKS NOTES

PRIOR TO COMMENCEMENT OF EARTHWORKS ENSURE THAT ALL SEDIMENT AND EROSION CONTROL MEASURES ARE INSTALLED AS PER SOIL AND WATER MANAGEMENT GUIDELINES.

THE APPROXIMATE SITE EARTHWORKS VOLUMES ARE BASED ON FINISHED SURFACE TO NATURAL SURFACE.

- CUT: 143,200m³
- FILL: 150,050m³
- NET: 6850m³ (FILL)

NOTE:

IT IS ANTICIPATED IN EXCESS OF 10,000m³ OF SPOIL WILL BE AVAILABLE FROM DETAILED EXCAVATION AND SERVICE TRENCH INSTALLATION, AS SUCH TOTAL NET CUT/FILL IS EXPECTED TO YIELD A SITE WIDE BALANCE.

THE ABOVE VOLUMES ARE BASED ON SUPPLIED SURVEY DATA AND ASSUMED PAVEMENT AND BULK EARTHWORKS DEPTHS, AS SUCH ARE APPROXIMATE ONLY, THE CONTRACTOR SHALL SATISFY THEMSELVES AS TO THEIR ACCURACY.

THE ABOVE VOLUMES DO NOT INCLUDE A STRIPPING ALLOWANCE, SERVICE TRENCHING OR DETAILED EXCAVATION.

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DESIGNED: S SPURR
JOB MANAGER: C SMITH
VERIFIER: C SMITH

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Newcastle

Suite 4, 215 Pacific Hwy, Charlestown NSW 2290
P.O. Box 180, Charlestown NSW 2290
Ph (02) 4943 1777 Fax (02) 4943 1577
Email newcastle@northrop.com.au ABN 81 094 433 100

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LOOKOUT ROAD, NEW LAMBTON HEIGHTS N.S.W

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

BULK EARTHWORKS PLAN

JOB NUMBER

NL191366

DRAWING NUMBER

C200-DA

REVISION

7

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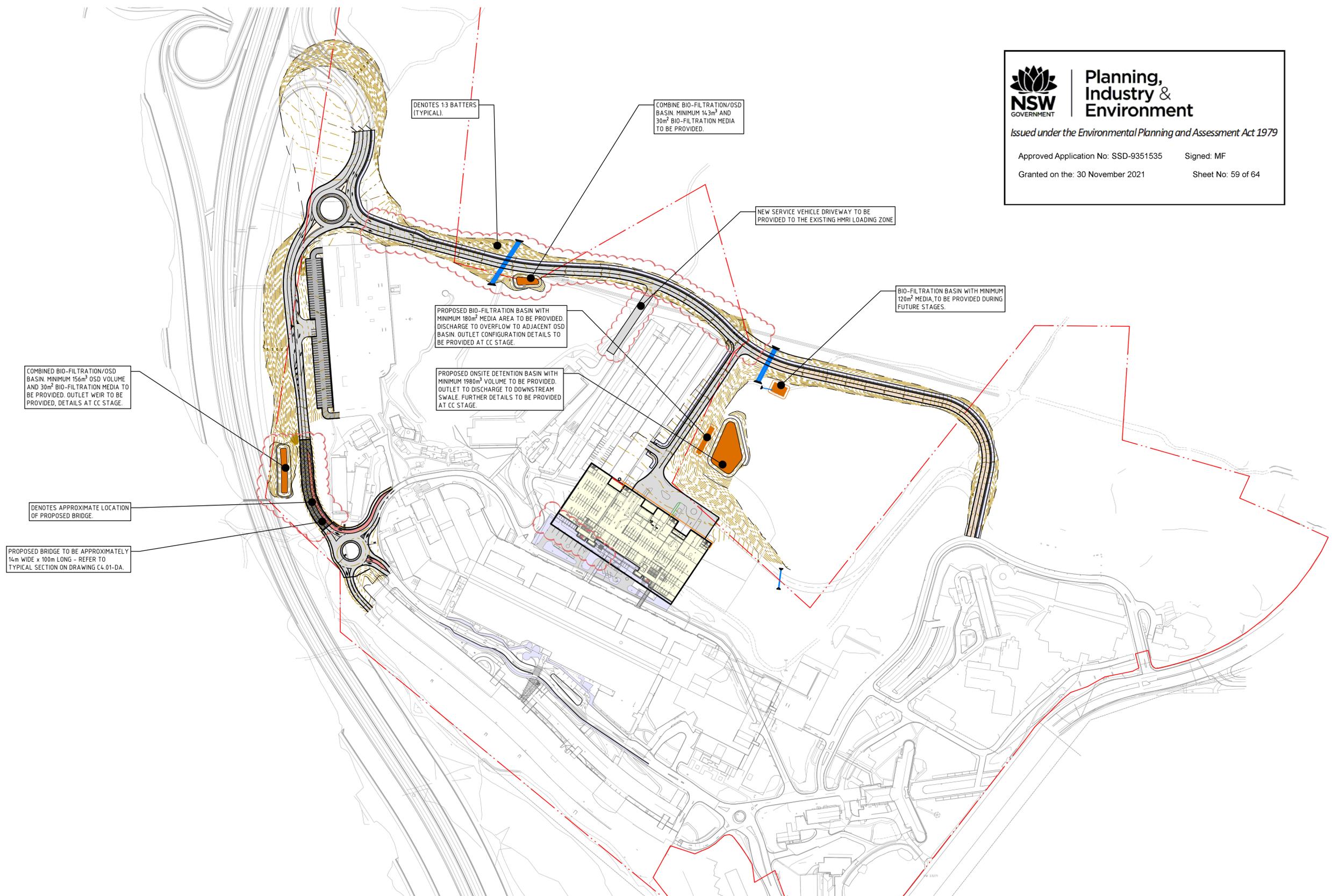
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P.O. Box 180, Charlestown NSW 2290
PH (02) 4943 1777 Fax (02) 4943 1577
Email newcastle@northrop.com.au ABN 81 094 433 100

PROJECT

JOHN HUNTER HEALTH AND INNOVATION PRECINCT

LOOKOUT ROAD, NEW LAMBTON HEIGHTS N.S.W

DRAWING TITLE

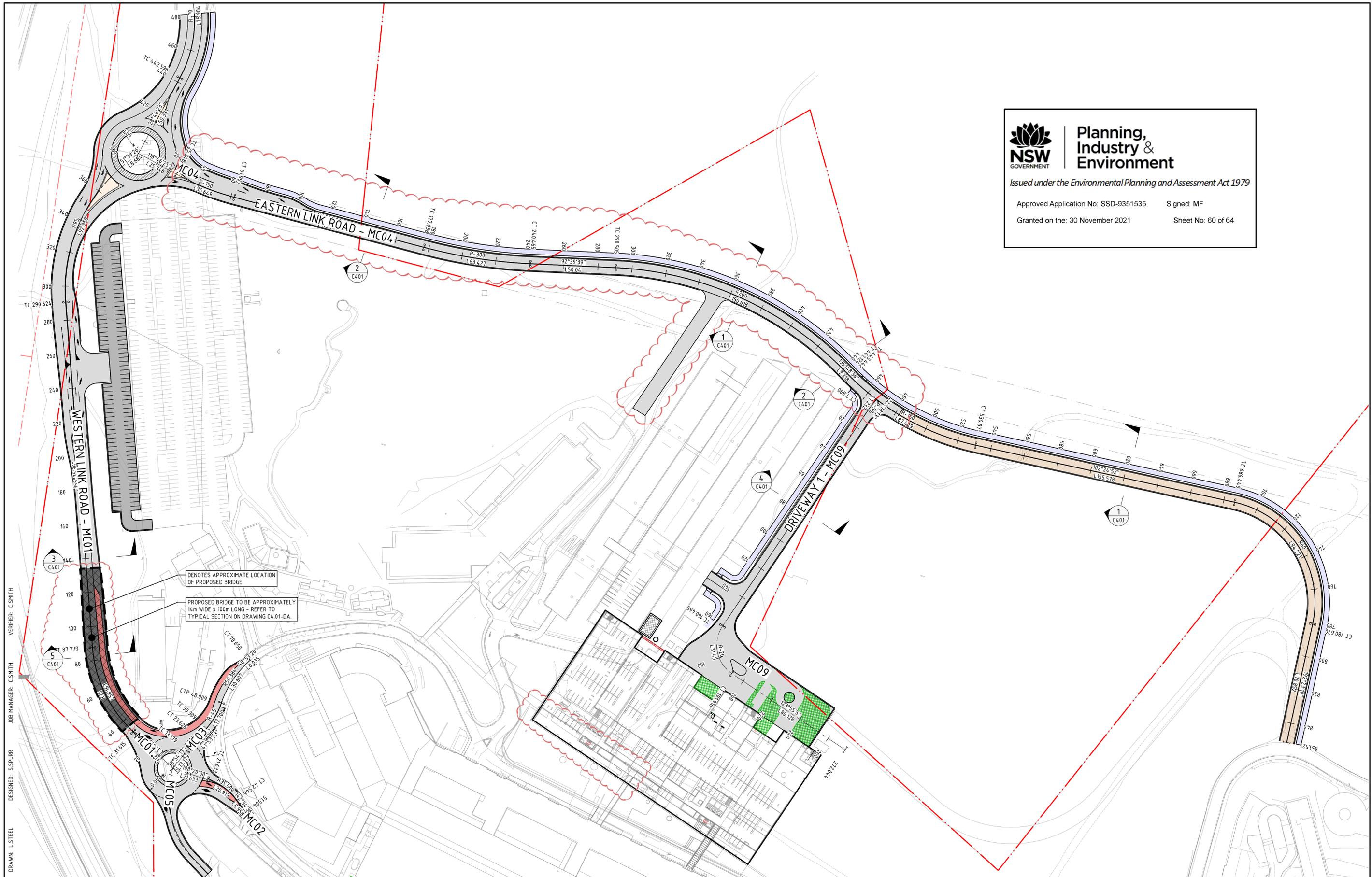
CIVIL ENGINEERING PACKAGE CIVIL WORKS ARRANGEMENT PLAN

JOB NUMBER

NL191366

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C300-DA	8

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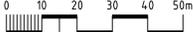
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DENOTES APPROXIMATE LOCATION OF PROPOSED BRIDGE.
 PROPOSED BRIDGE TO BE APPROXIMATELY 14m WIDE x 100m LONG - REFER TO TYPICAL SECTION ON DRAWING C4.01-DA.

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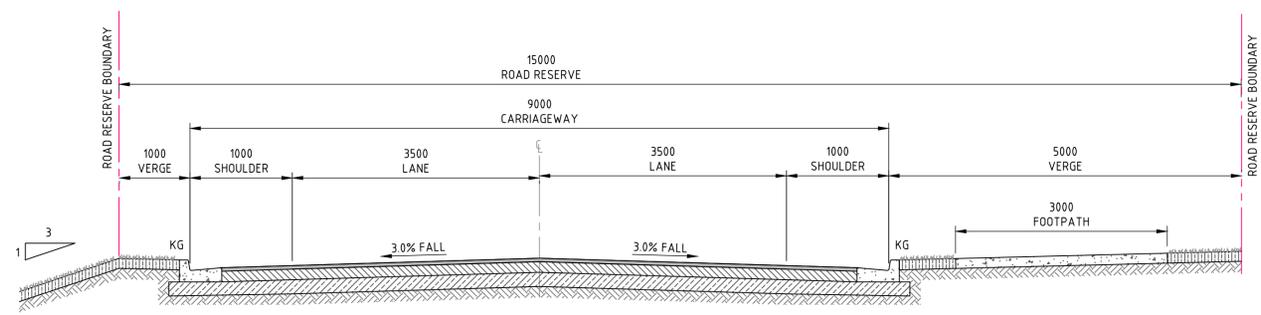

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 Newcastle
 Suite 4, 215 Pacific Hwy, Charlestown NSW 2290
 P.O. Box 180, Charlestown NSW 2290
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 Email newcastle@northrop.com.au ABN 81 094 433 100

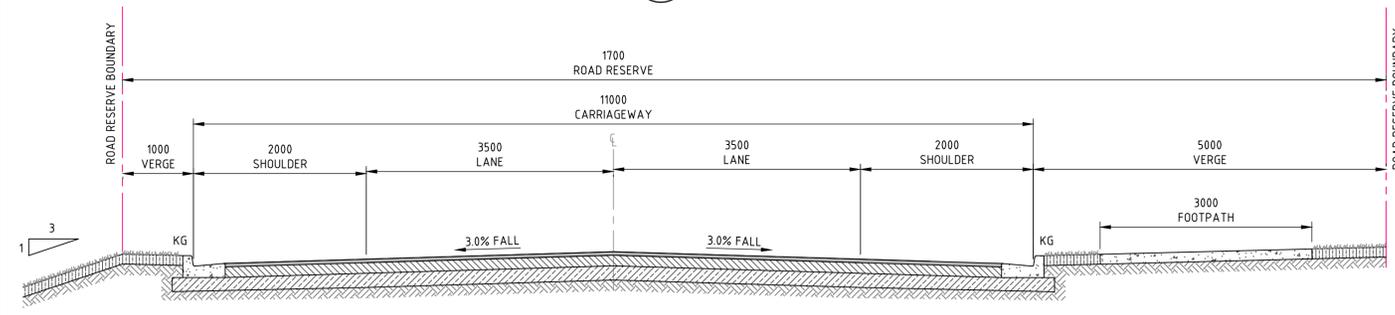
PROJECT
JOHN HUNTER HEALTH AND INNOVATION PRECINCT
 LOOKOUT ROAD, NEW LAMBTON HEIGHTS N.S.W.

DRAWING TITLE
CIVIL ENGINEERING PACKAGE
 ROAD SETOUT PLAN

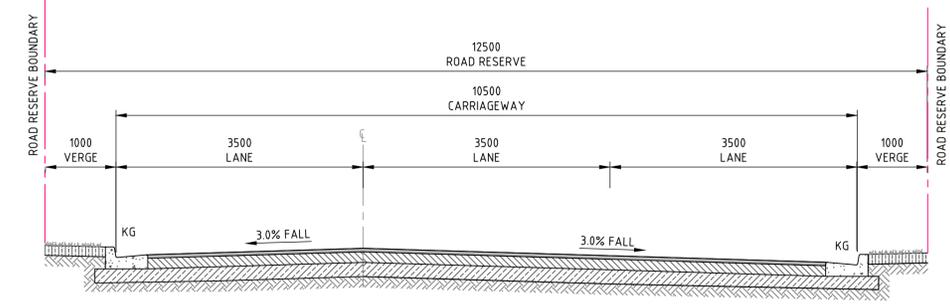
JOB NUMBER
NL191366
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C400-DA
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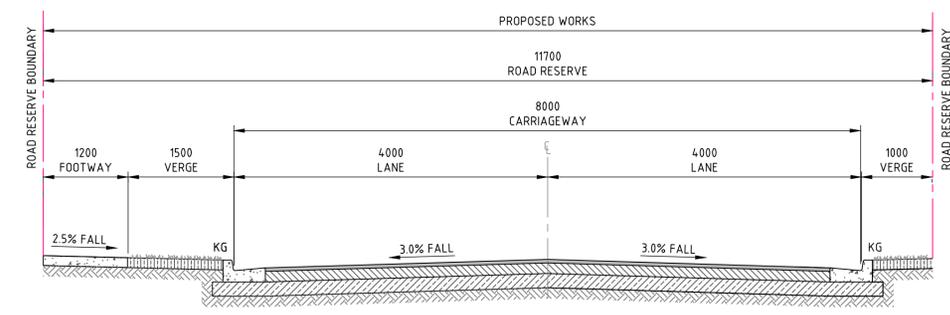
NORTHERN LINK ROAD - SECTION 1
SECTION 1
SCALE 1:50
C400



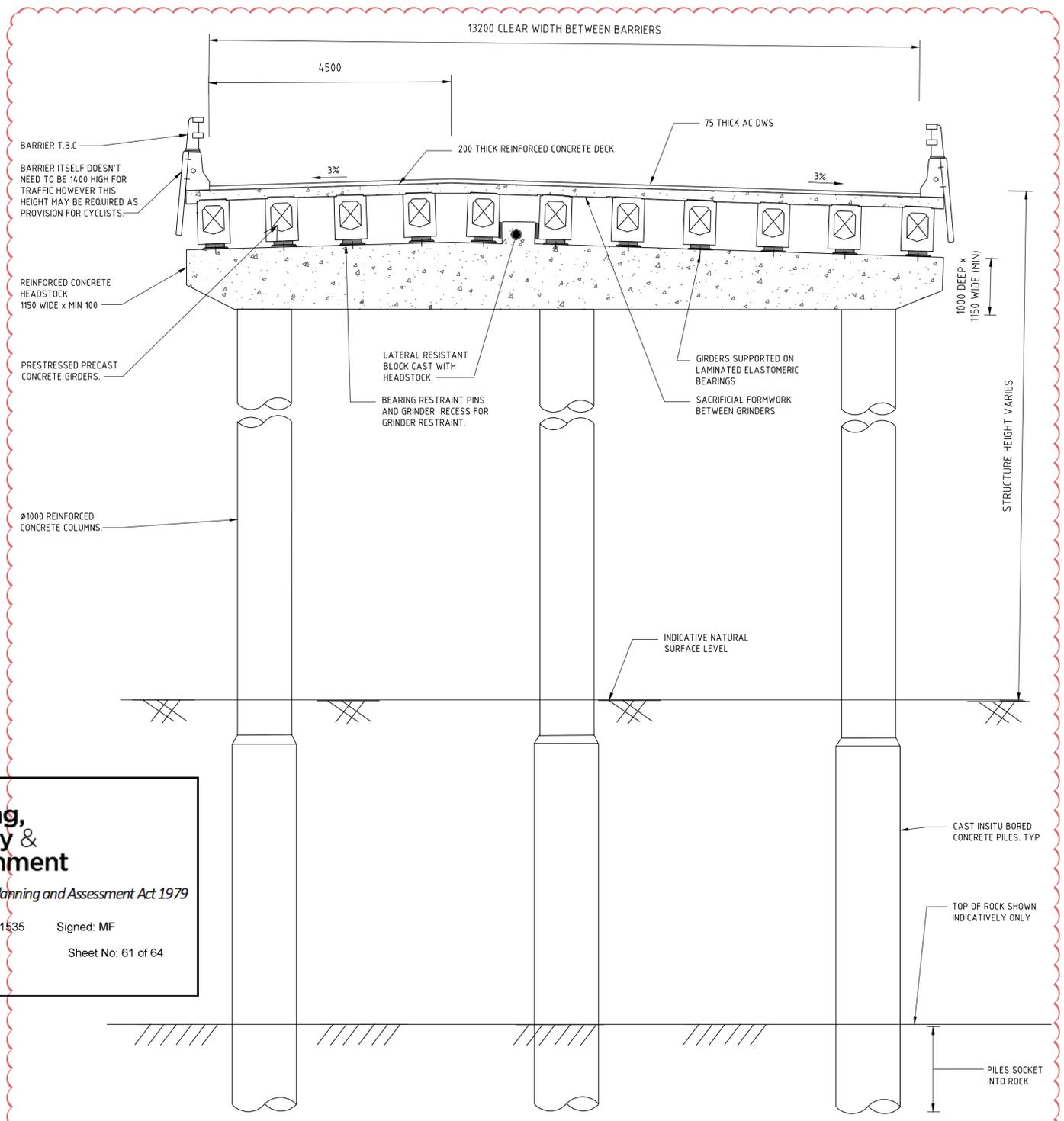
NORTHERN LINK ROAD - SECTION 2
SECTION 2
SCALE 1:50
C400



WESTERN LINK ROAD
SECTION 3
SCALE 1:50
C400



DRIVEWAY 1
SECTION 4
SCALE 1:50
C400



TYPICAL BRIDGE SECTION DETAIL

NOTE:
THIS CROSS SECTION IS INDICATIVE ONLY AND IS INTENDED TO SHOW A TYPICAL CONFIGURATION ONLY

SECTION 5
SCALE 1:50
C400

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DESIGNED: S SPURR
DRAWN: L STEEL

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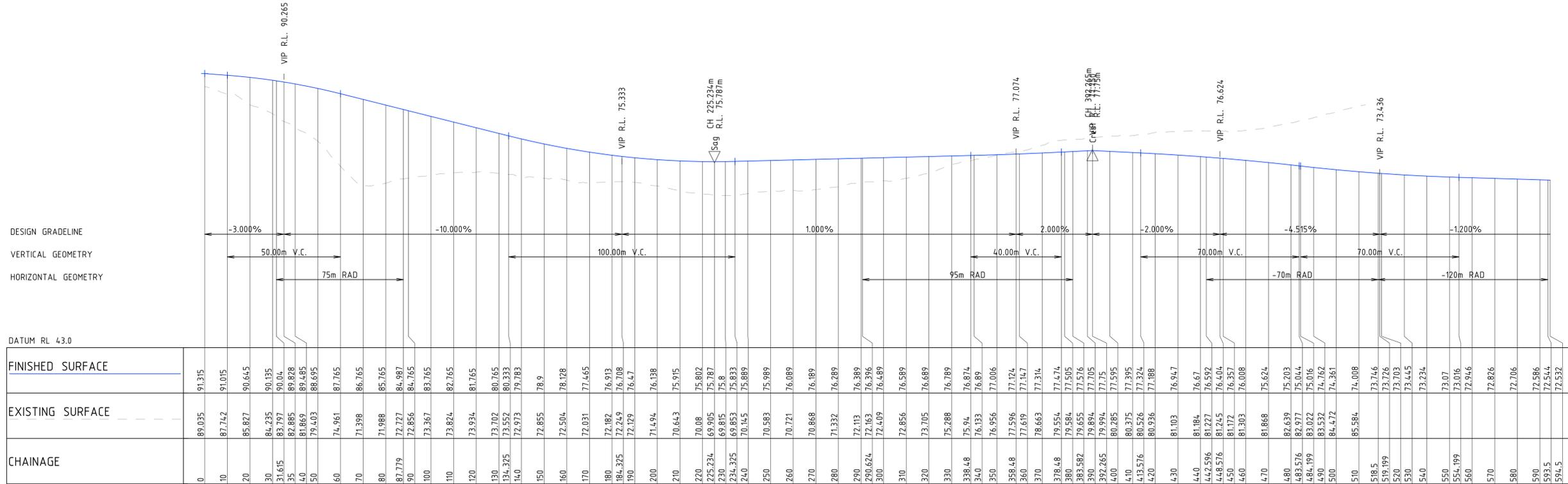
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LOOKOUT ROAD, NEW LAMBTON HEIGHTS N.S.W

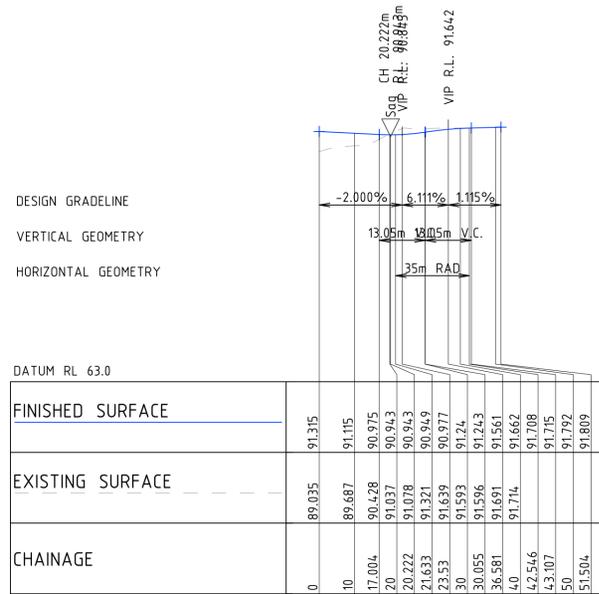
DRAWING TITLE
CIVIL ENGINEERING PACKAGE
ROAD TYPICAL SECTIONS

JOB NUMBER
NL191366
DRAWING NUMBER
C401-DA
REVISION
7
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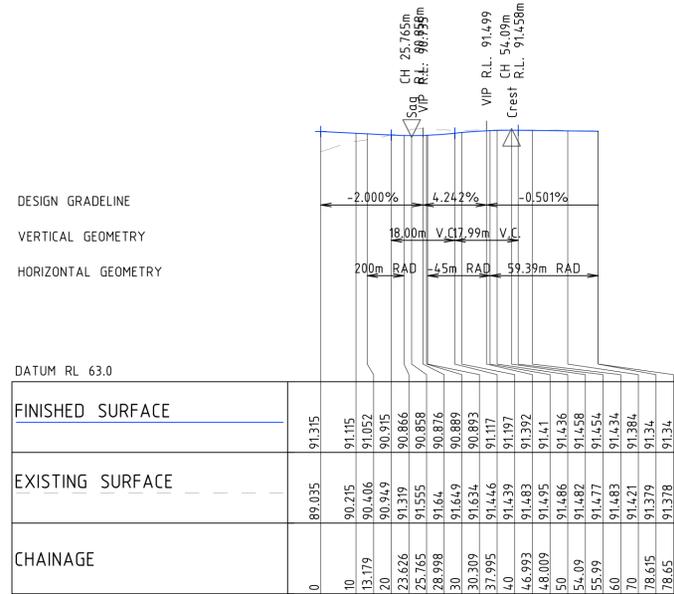
DRAWN: L STEEL
DESIGNED: S SPURR
JOB MANAGER: C SMITH
VERIFIER: C SMITH



LONGITUDINAL SECTION ALONG MC01
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:400@A1



LONGITUDINAL SECTION ALONG MC02
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:400@A1



LONGITUDINAL SECTION ALONG MC03
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:400@A1

Planning, Industry & Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9351535 Signed: MF

Granted on the: 30 November 2021 Sheet No: 62 of 64

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
2	ISSUED FOR REVIEW	LS	CS		09.11.20	
3	ISSUED FOR SCHEMATIC DESIGN	LS	CS		29.01.21	
4	ISSUED FOR DRAFT SSDA	LS	CS		25.02.21	
5	ISSUED FOR DRAFT SSDA	LS	CS		09.03.21	
6	ISSUED FOR SSDA	LS	CS		31.03.21	
7	ISSUED FOR SSDA	LS	CS		30.07.21	

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Suite 4, 215 Pacific Hwy, Charlestown NSW 2290
P.O. Box 180, Charlestown NSW 2290
Ph (02) 4943 1777 Fax (02) 4943 1577
Email newcastle@northrop.com.au ABN 81 094 433 100

PROJECT
JOHN HUNTER HEALTH AND INNOVATION PRECINCT
LOOKOUT ROAD, NEW LAMBTON HEIGHTS N.S.W

DRAWING TITLE
CIVIL ENGINEERING PACKAGE
ROAD LONG SECTIONS
SHEET 1

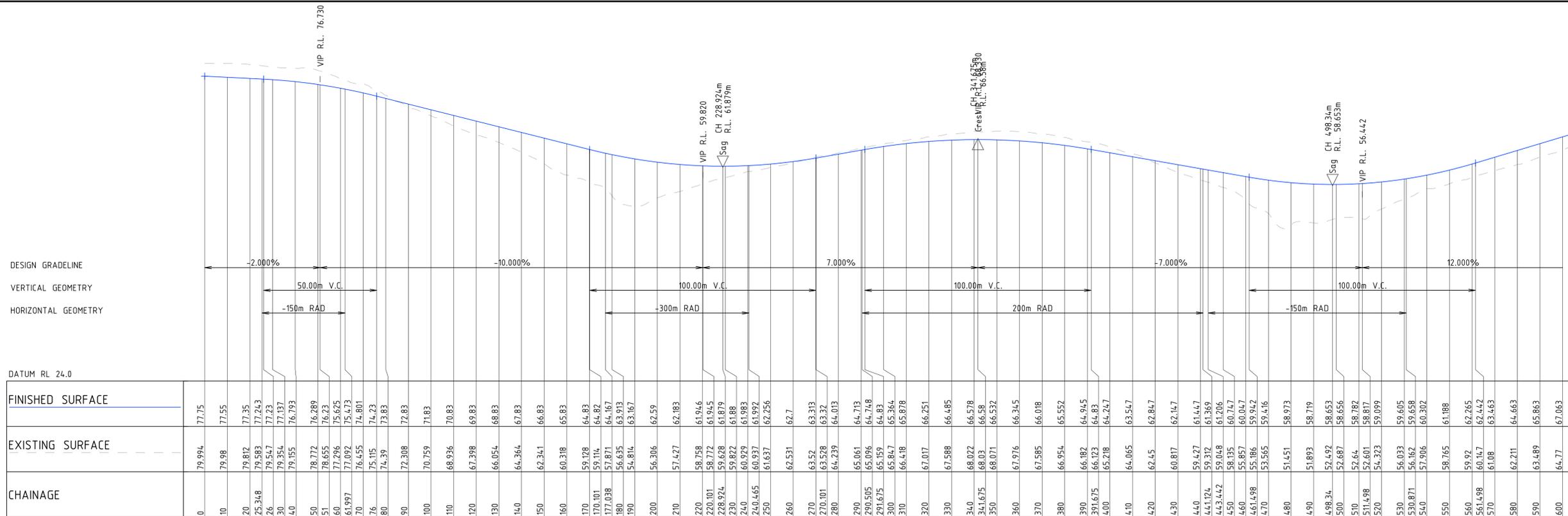
JOB NUMBER
NL191366

DRAWING NUMBER
C501-DA

REVISION
7

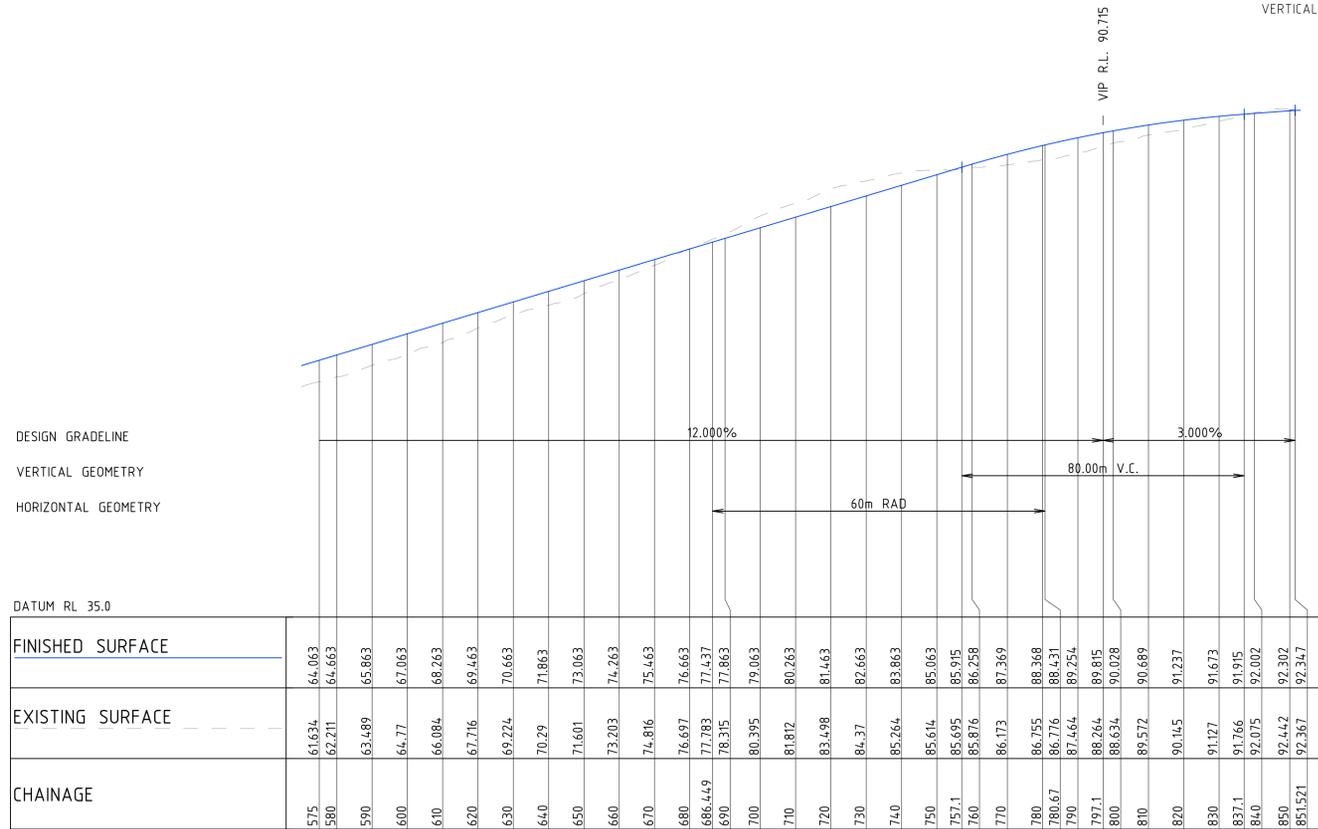
DRAWING SHEET SIZE = A1

DRAWN: L STEEL
DESIGNED: S SPURR
JOB MANAGER: C SMITH
VERIFIER: C SMITH



LONGITUDINAL SECTION ALONG MC04

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:400@A1



LONGITUDINAL SECTION ALONG MC04

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:400@A1



Planning, Industry & Environment

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Granted on the: 30 November 2021 Sheet No: 63 of 64

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PROJECT

JOHN HUNTER HEALTH AND INNOVATION PRECINCT

LOOKOUT ROAD, NEW LAMBTON HEIGHTS N.S.W

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONG SECTIONS

SHEET 2

JOB NUMBER

NL191366

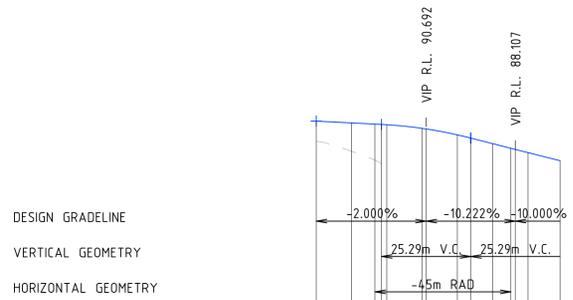
DRAWING NUMBER

C502-DA

REVISION

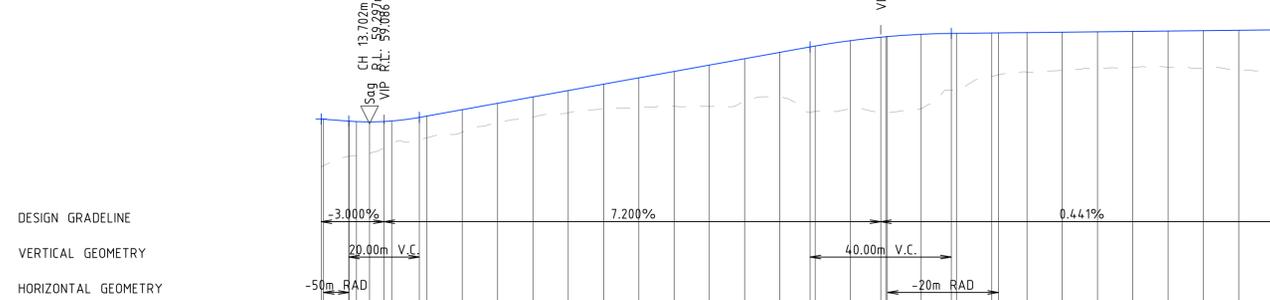
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DRAWING SHEET SIZE = A1



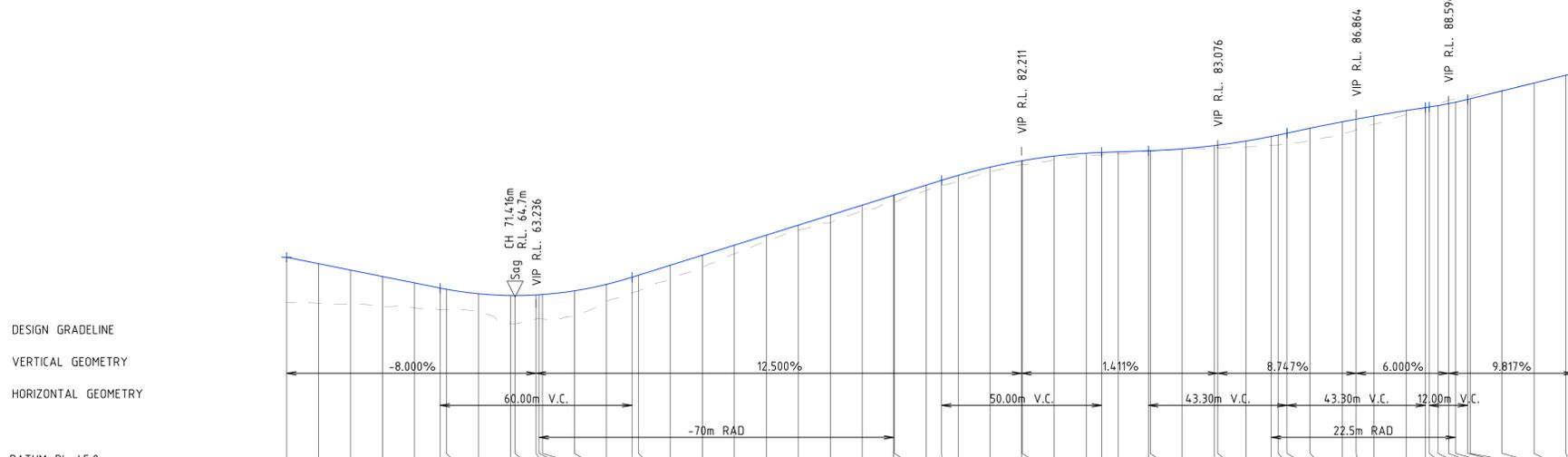
CHAINAGE	EXISTING SURFACE	FINISHED SURFACE
0	89.035	91.315
10	87.896	91.115
20	86.905	90.983
30	90.912	90.945
40	90.433	90.433
50	89.764	89.4
60	88.767	88.241
70	88.115	87.754
80	86.843	86.843

LONGITUDINAL SECTION ALONG MC05
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:400@A1



CHAINAGE	EXISTING SURFACE	FINISHED SURFACE
0	54.238	59.62
10	54.341	59.6
20	55.417	59.386
30	55.421	59.383
40	55.445	59.332
50	55.713	59.297
60	56.348	59.341
70	56.77	59.398
80	57.29	59.806
90	57.495	59.963
100	58.152	60.683
110	59.633	61.403
120	59.838	62.123
130	60.303	62.843
140	60.781	63.563
150	60.997	64.283
160	61.046	65.003
170	61.041	65.723
180	61.718	66.443
190	62.08	67.163
200	60.376	67.778
210	60.484	67.881
220	60.754	68.492
230	60.408	68.88
240	60.36	68.934
250	60.352	68.95
260	60.81	69.207
270	62.862	69.307
280	62.816	69.313
290	64.448	69.357
300	64.621	69.366
310	64.918	69.401
320	65.137	69.445
330	65.341	69.49
340	65.492	69.534
350	65.484	69.578
360	65.39	69.622
370	65.18	69.666
380	64.976	69.71
390	64.926	69.719

LONGITUDINAL SECTION ALONG MC09
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:400@A1



CHAINAGE	EXISTING SURFACE	FINISHED SURFACE
0	63.83	68.676
10	63.729	67.876
20	63.605	67.076
30	63.386	66.276
40	63.171	65.636
50	62.96	65.483
60	62.803	64.922
70	61.988	64.703
80	61.17	64.7
90	61.68	64.774
100	61.832	64.795
110	61.795	64.825
120	62.191	65.29
130	63.926	66.095
140	65.045	66.986
150	65.27	67.236
160	66.75	68.486
170	68.231	69.736
180	69.907	70.986
190	71.487	72.236
200	72.853	73.486
210	73.815	74.736
220	75.174	75.986
230	76.337	77.236
240	76.364	77.236
250	77.828	78.486
260	78.414	79.086
270	78.891	79.706
280	80.131	80.73
290	81.058	81.518
300	81.079	81.532
310	81.652	82.112
320	82.092	82.471
330	82.26	82.564
340	82.402	82.637
350	82.709	82.771
360	82.71	82.779
370	82.946	83.014
380	83.093	83.418
390	83.109	83.473
400	83.24	83.992
410	83.438	84.56
420	83.511	84.736
430	83.63	84.97
440	84.047	85.587
450	84.853	86.384
460	85.351	86.715
470	86.074	87.118
480	87.287	87.788
490	88.113	88.163
500	88.297	88.234
510	88.67	88.442
520	89.059	88.652
530	89.26	88.834
540	89.545	89.183
550	89.593	89.258
560	90.309	90.239
570	91.278	91.221
580	92.206	92.203
590	92.462	92.462

LONGITUDINAL SECTION ALONG MCT01
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:400@A1

DRAWN: L STEEL
DESIGNED: S SPURR
JOB MANAGER: C SMITH
VERIFIER: C SMITH

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
2	ISSUED FOR REVIEW	LS	CS		09.11.20	NSW Health Infrastructure
3	ISSUED FOR SCHEMATIC DESIGN	LS	CS		29.01.21	
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NSW Health Infrastructure

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NORTHROP
Newcastle

Suite 4, 215 Pacific Hwy, Charlestown NSW 2290
P.O. Box 180, Charlestown NSW 2290
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PROJECT

JOHN HUNTER HEALTH AND INNOVATION PRECINCT

LOOKOUT ROAD, NEW LAMBTON HEIGHTS N.S.W.

DRAWING TITLE

CIVIL ENGINEERING PACKAGE
ROAD LONG SECTIONS
SHEET 3

JOB NUMBER

NL191366

DRAWING NUMBER

C503-DA

REVISION

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DRAWING SHEET SIZE = A1

NSW GOVERNMENT | **Planning, Industry & Environment**

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Granted on the: 30 November 2021 Sheet No: 64 of 64