COUNCIL REF: _____

2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

LOCALITY PLAN
NOT TO SCALE
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DRAWING INDEX			
SHEET No.	DWG. No.	DRAWING TITLE	REV.
01	S02-C100	COVER SHEET & DRAWING INDEX	A
02	S02-C101	NOTES & LEGEND	A
03	S02-C301	GENERAL ARRANGEMENT PLAN SHEET 01	A
04	S02-C302	GENERAL ARRANGEMENT PLAN SHEET 02	A
05	S02-C303	GENERAL ARRANGEMENT PLAN SHEET 03	A
06	S02-C304	GENERAL ARRANGEMENT PLAN SHEET 04	A
07	S02-C305	GENERAL ARRANGEMENT PLAN SHEET 05	A
08	S02-C306	GENERAL ARRANGEMENT PLAN SHEET 06	A
09	S02-C307	GENERAL ARRANGEMENT PLAN SHEET 07	A
10	S02-C401	DETAIL SHEET SHEET 01	A
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13	S02-C404	DETAIL SHEET SHEET 04	A
14	S02-C405	DETAIL SHEET SHEET 05	A
15	S02-C406	DETAIL SHEET SHEET 06	A
16	S02-C407	DETAIL SHEET SHEET 07	A
17	S02-C408	DETAIL SHEET SHEET 08	A
18	S02-C409	DETAIL SHEET SHEET 09	A
19	S02-C701	SWEPT PATH PLAN	A

PREPARED BY

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ARCHITECT

TURNER

CLIENT

ARADA

LGA

THE HILLS Sydney's Garden Shire

Project No. 20240122 Drawing No. S02-C100 Revision No. C

ISSUED FOR DA
NOT FOR CONSTRUCTION

Plotted Friday, 12 September 2025 3:48:43 PM By LEONARDOOAO2501ASGC File Name:Z:\Production\20240122\240122 20 Carrington Road, Castle Hill\Civil\CAD\S02 - CIVIL\S02-C100.dwg

SITEWORKS LEGEND

- PROPOSED BOUNDARY LINE
- EXISTING BOUNDARY LINE
- RL: 0.0000 — DESIGN LEVEL (BULK EARTHWORK SPOT HEIGHT) NATURAL SURFACE
- 10 — ROAD CONTROL LINE
- KG — KERB & GUTTER
- IK — INTEGRAL KERB
- VC — VEHICULAR CROSSING
- PROPOSED CONCRETE COUNCIL FOOTPATH (REFER C501 FOR SECTIONAL DETAILS)
- PROPOSED SAW CUT
- E — AUTHORITY ELECTRICITY LINE
- T — AUTHORITY TELSTRA LINE
- W — AUTHORITY WATER
- G — AUTHORITY GAS
- NBN — AUTHORITY NBN
- OF — AUTHORITY OPTUS FIBER
- S — AUTHORITY SEWER
- W — AUTHORITY WATERMAIN
- 11.2 / 11.0 / 10.8 — PROPOSED CONTOURS
- LIMIT OF WORKS
- DENOTES EXPANSION JOINT
- DENOTES SAWCUT JOINT
- DENOTES ISOLATION JOINT

SURVEY LEGEND

- EXISTING GRATED SURFACE INLET PIT
- EXISTING JUNCTION PIT
- EXISTING KERB INLET PIT
- eTEL — EXISTING TELSTRA PIT
- eHYD — EXISTING HYDRANT
- eSV — EXISTING STOP VALVE
- eGAS — EXISTING GAS VALVE
- ePP — EXISTING POWER POLE
- eBT — EXISTING BOUNDARY TRAP
- eSMH — EXISTING SEWER MANHOLE

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GENERAL

G1. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S CONSTRUCTION SPECIFICATIONS (REFER BELOW), BUILDING CODE OF AUSTRALIA, NSW CODE OF PRACTICE AND THE TO THE RELEVANT SERVICE CODES.

G2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ALL DISCREPANCIES SHALL BE REFERRED TO THE SUPERINTENDENT FOR DECISION BEFORE PROCEEDING WITH THE WORK.

G3. ALL DIMENSIONS SHOWN ON THE DRAWINGS ARE IN MILLIMETERS (U.N.O.). DIMENSIONS SHALL NOT BE OBTAINED BY SCALING OF THESE DRAWINGS. USE FIGURED DIMENSIONS ONLY.

G4. BENCHMARKS HAVE BEEN ESTABLISHED WHERE INDICATED ON THE DRAWINGS. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (A.H.D.). THE CONTRACTOR SHALL UNDERTAKE ALL NECESSARY SURVEY WORK TO ENSURE THAT THE WORKS ARE CONSTRUCTED TO DESIGN LINE AND LEVEL.

G5. SETTING OUT DIMENSIONS AND LEVELS SHOWN ON THE DRAWINGS SHALL BE VERIFIED BY THE CONTRACTOR.

G6. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT SAA CODES AND THE BY-LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES.

G7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL SAFETY FENCES, WARNING SIGNS, TRAFFIC DIVERSIONS AND THE LIKE DURING CONSTRUCTION. ALL WORKS TO COMPLY WITH WORK HEALTH AND SAFETY REQUIREMENTS AND OTHER RELEVANT AUTHORITY SAFETY REQUIREMENTS.

G8. NO TREES SHALL BE REMOVED, CUTBACK OR RELOCATED WITHOUT THE WRITTEN INSTRUCTION FROM THE SUPERINTENDENT.

G9. WHERE NEW WORKS ABUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.

G10. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS AND THESE SPECIFICATIONS.

G11. DESIGN LEVELS GIVEN ARE TO FINISHED SURFACE LEVEL AND INCLUSIVE OF TOPSOIL. (TOPSOIL DEPTH VARIES)

G12. THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A N.A.T.A. REGISTERED SURVEYOR.

G13. CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER TELECOMMUNICATIONS OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.

G14. THE LOCATIONS OF UNDERGROUND SERVICES SHOWN ON THE DRAWING HAVE BEEN PLOTTED FROM DIAGRAMS PROVIDED BY SERVICE AUTHORITIES. THIS INFORMATION HAS BEEN PREPARED SOLELY FOR THE AUTHORITIES OWN USE AND MAY NOT NECESSARILY BE UPDATED OR ACCURATE.

G15. THE POSITION OF SERVICES AS RECORDED BY THE AUTHORITY AT THE TIME OF INSTALLATION MAY NOT REFLECT CHANGES IN THE PHYSICAL ENVIRONMENT SUBSEQUENT TO INSTALLATION.

G16. S&G CONSULTANTS DOES NOT GUARANTEE THAT THE SERVICES INFORMATION SHOWN ON THE DRAWING SHOWS MORE THAN THE PRESENCE OR ABSENCE OF SERVICES, AND WILL ACCEPT NO LIABILITY FOR INACCURACIES IN THE SERVICES INFORMATION SHOWN FROM ANY CAUSE WHATSOEVER.

G17. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN FROM THE UTILITY SERVICES AUTHORITIES A CURRENT COPY OF UNDERGROUND SERVICES SEARCH FOR THE LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF ANY WORK AND NOTIFY ANY CONFLICT WITH THE DRAWINGS IMMEDIATELY. CLEARANCE SHALL BE OBTAINED FROM THE RELEVANT REGULATORY AUTHORITY. CONTRACTOR TO KEEP COPY OF UNDERGROUND SERVICES SEARCH ON SITE AT ALL TIMES. ANY DAMAGES TO SERVICES OR SERVICES ADJUSTMENTS SHALL BE CARRIED OUT BY THE CONTRACTOR OR RELEVANT AUTHORITY AT THE DEVELOPERS EXPENSE.

G18. VISIT THE SITE BEFORE SUBMITTING THE FINAL TENDER PRICE TO ASSESS 'ON SITE' CONDITIONS. FAILURE TO DO SO WILL FORFEIT ANY CLAIM FOR NOT BEING AWARE OF CONDITIONS AFFECTING THE TENDER.

G19. THE CONTRACTOR SHALL PREPARE ACCURATE WORK-AS-EXECUTED DRAWINGS FOLLOWING THE COMPLETION OF ALL WORKS.

G20. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE IN PLACE & MAINTAIN TRAFFIC FACILITIES AT ALL TIMES DURING CONSTRUCTION.

G21. A ROAD OCCUPANCY APPLICATION SHALL BE APPROVED BY COUNCIL'S TRAFFIC SECTION PRIOR TO COMMENCEMENT OF WORKS WITHIN GREAT WESTERN HWY & ETTALONG ROAD.

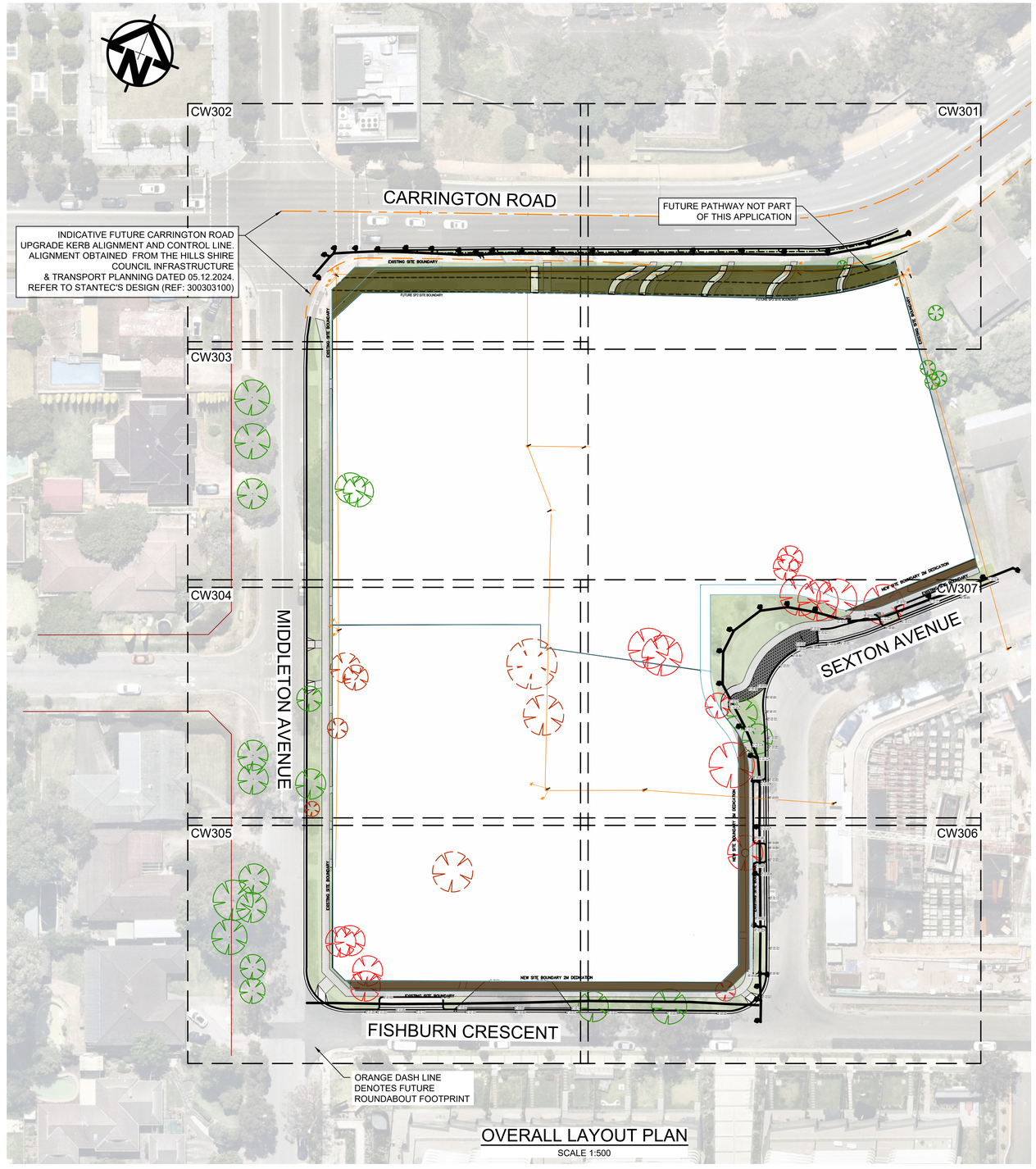
NOTE

1. ALL DRAINAGE AND SERVICE PIT LIDS THROUGHOUT THE PUBLIC DOMAIN SHALL BE INFILL PIT LID TYPE AND BICYCLE SAFE, FINISH FLUSH WITH THE ADJACENT PAVEMENT TO AVOID TRIP HAZARDS AND BE CLEAR OF OBSTRUCTIONS FOR EASY CLEANING AND OPENING.
2. REFER LANDSCAPE ARCHITECT, LIGHTING TECHNICIAN AND TRAFFIC ENGINEER FOR PROPOSED WORKS RELATING TO LANDSCAPING LIGHTING AND TRAFFIC CONTROL.
3. SERVICES SHOWN ON PLAN ARE INDICATIVE, EXACT DEPTH AND LOCATION TO BE CONFIRMED ONSITE. CONTRACTOR TO CARRY OUT DIAL BEFORE YOU DIG APPLICATION AND ENGAGE A REGISTERED SURVEYOR TO PEG OUT ALL EXISTING SERVICES PRIOR TO ANY WORK COMMENCING ONSITE.
4. RELOCATION/ADJUSTMENTS OF THE SERVICES SHALL BE UNDERTAKEN AT THE COST OF THE APPLICANT/DEVELOPER OF THE SITE.

SETTING OUT NOTES

SE1. THE CONSTRUCTOR SHALL USE A SUITABLY QUALIFIED SURVEYOR TO SET OUT ALL WORKS. THE SURVEYOR SHALL ISSUE A CERTIFICATE TO THE PRINCIPAL CERTIFYING AUTHORITY CERTIFYING THAT THE WORKS HAVE BEEN SET OUT IN ACCORDANCE WITH THE APPROVED DRAWINGS PRIOR TO THE WORKS BEING CONSTRUCTED.

SE2. THE SURVEY WORK ASSOCIATED WITH THE CONTRACT SHALL INCLUDE SETTING OUT THE FOLLOWING COMPONENTS OF THE WORK:
- -ROADS AND KERBS
- -DRAINAGE STRUCTURES



OVERALL LAYOUT PLAN
SCALE 1:500

C	ISSUED FOR SSDA	LD	02.09.25	02
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P03	PRELIMINARY	LD	12.06.25	01
P02	PRELIMINARY	LD	03.06.25	01
P01	PRELIMINARY	KW	19.02.25	01
Issue	Last revision title	By	Date	Status

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate 4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN	DATE
KW	02.09.25
CHECKED	DATE
SH	02.09.25
DESIGNED	DATE
KW	02.09.25
VERIFIED	DATE
SH	02.09.25
APPROVED	DATE
SH	02.09.25

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Scales
0m 5 10 15 20 25
SCALE 1:500 ON ORIGINAL SIZE

Client
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Architect
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A.B.N. 21 118 222 530

PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Status: ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title
NOTES & LEGEND

Grid	Datum	Sheet
-	A.H.D.	02

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C101	C

A1 Portrait Fidelity | 12 September 2025 1:49:48 PM By LEONARDO.DACOSTA@SGC | File Name:Z:\Production\2024\20240122 2\2 Carrington Road, Castle Hill\Civil\CAD\S02 - CW2024012\2_S02-C101.dwg

NOTE:
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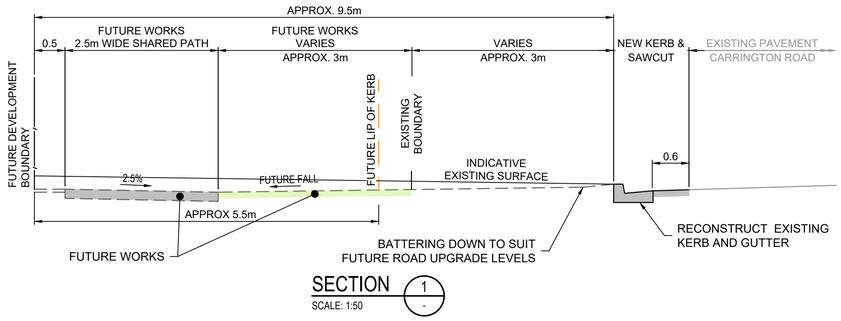
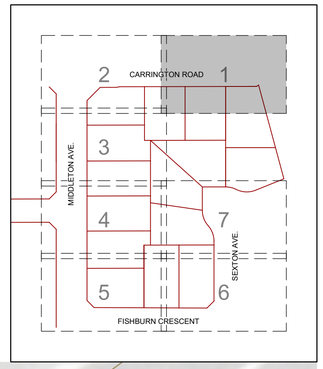


SECTION 1/- SCALE: 1:50



KEY PLAN
NOT TO SCALE

FOR CONTINUATION, SEE DRG. No. C302

INDICATIVE FUTURE CARRINGTON ROAD UPGRADE KERB ALIGNMENT AND CONTROL LINE. ALIGNMENT OBTAINED FROM THE HILLS SHIRE COUNCIL INFRASTRUCTURE & TRANSPORT PLANNING DATED 05.12.2024. REFER TO STANTEC'S DESIGN (REF: 300303100)

CARRINGTON ROAD

REMOVE EXISTING VEHICLE CROSSING AND RECONSTRUCT KERB & GUTTER AS PER COUNCIL STANDARD

1.5m WIDE FOOTPATH TO COUNCIL STANDARD

BATTERING DOWN APPROX. 100mm FROM EXISTING BOUNDARY TO NEW SP2 SITE BOUNDARY

REMOVE EXISTING VEHICLE CROSSING AND RECONSTRUCT KERB & GUTTER AS PER COUNCIL STANDARD

LIMIT OF WORKS TO MATCH EXISTING FOOTPATH LEVELS

EXISTING BOUNDARY

GREEN TREE DENOTES EXISTING TREE TO BE RETAINED AND PROTECTED DURING CONSTRUCTION (TYP)

2.0m WIDE ACCESS FOOTPATH

2.0m WIDE ACCESS FOOTPATH

EXISTING LIGHT POLE

FUTURE PATHWAY BY OTHERS

FUTURE WORKS

EX. RL: 102.762
DES. RL: 101.546

BATTERING DOWN APPROX. 380mm FROM EXISTING BOUNDARY TO NEW SP2 SITE BOUNDARY

FUTURE WORKS

FUTURE SP2 SITE BOUNDARY

EX. RL: 102.762
DES. RL: 101.546

FUTURE WORKS

FUTURE BOUNDARY

FUTURE WORKS

EX. RL: 102.741
DES. RL: 102.647

FUTURE SP2 COUNCIL WORK

FUTURE WORKS

FUTURE SP2 SITE BOUNDARY

EXISTING SITE BOUNDARY

E	ISSUED FOR SSDA	LD	08.09.25	02
D	ISSUED FOR SSDA	0	02.09.25	02
C	ISSUED FOR SSDA	LD	24.07.25	02
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P05	PRELIMINARY	LD	12.06.25	01
P04	PRELIMINARY	LD	03.06.25	01
Issue	Last revision title	By	Date	Status

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate
4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN	DATE
KW	08.09.25
CHECKED	DATE
SH	08.09.25
DESIGNED	DATE
KW	08.09.25
VERIFIED	DATE
SH	08.09.25
APPROVED	DATE
SH	08.09.25

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Scales
0m 1 2 3 4 5
SCALE 1:100 ON ORIGINAL SIZE
0m 0.5 1 1.5 2 2.5
SCALE 1:50 ON ORIGINAL SIZE

Client
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Architect
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A.B.N. 21 118 222 530

PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Grid	Datum	Sheet
-	A.H.D.	03

Status
ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title
GENERAL ARRANGEMENT PLAN
SHEET 01

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C301	E

A1 Printed Friday, 12 September 2025 3:50:03 PM By JEFONARDOSAOS2574\SGC - File Name:Z:\Production\20240122 2H Carrington Road, Castle Hill\Civil\C302_S02-C301.dwg

NOTE:
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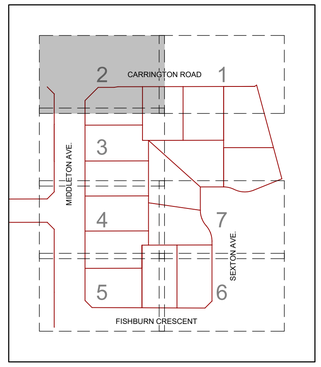
2. LEVELS ON THIS PLAN ARE INDICATIVE ONLY. FINAL DESIGN SURFACE LEVEL TO BE PROVIDE IN CC STAGE



KEY PLAN
NOT TO SCALE

Ø375 RCP @ 4.44%

11S2269

CARRINGTON ROAD

INDICATIVE FUTURE CARRINGTON ROAD UPGRADE KERB ALIGNMENT AND CONTROL LINE.
ALIGNMENT OBTAINED FROM THE HILLS SHIRE COUNCIL INFRASTRUCTURE & TRANSPORT PLANNING DATED 05.12.2024.
REFER TO STANTEC'S DESIGN (REF: 300303100)

LIMIT OF WORKS TO MATCH EXISTING KERB LEVELS

BATTERING DOWN APPROX. 425mm FROM EXISTING BOUNDARY TO NEW SP2 SITE BOUNDARY

GREEN SOLID HATCH DENOTES LANDSCAPE AREA

0.6m WIDE SAWCUT JOINT

BATTERING DOWN APPROX. 400mm FROM EXISTING BOUNDARY TO NEW SP2 SITE BOUNDARY

LIMIT OF WORKS TO MATCH EXISTING FOOTPATH LEVELS

11S0713

11S0711

11S0712

Ø375 RCP @ 2.72%

MIDDLETON AVENUE

EXISTING SITE BOUNDARY

FUTURE SP2 SITE BOUNDARY

EX. RL: 98.156
DES. RL: 97.731

EX. RL: 99.364
DES. RL: 98.981

FUTURE SP2 COUNCIL WORK

FUTURE WORKS

EXISTING TRAFFIC LIGHT AND UTILITIES TO BE RETAINED

OSD 1A TANK (BELOW)

OSD 1B TANK (BELOW)

FOR CONTINUATION, SEE DRG. No. C303

FOR CONTINUATION, SEE DRG. No. C301

Issue	Last revision title	By	Date	Status
E	ISSUED FOR SSDA	LD	08.09.25	02
D	ISSUED FOR SSDA	0	02.09.25	02
C	ISSUED FOR SSDA	LD	24.07.25	02
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P05	PRELIMINARY	LD	12.06.25	01
P04	PRELIMINARY	LD	03.06.25	01

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate
4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN	DATE
KW	08.09.25
CHECKED	DATE
SH	08.09.25
DESIGNED	DATE
KW	08.09.25
VERIFIED	DATE
SH	08.09.25
APPROVED	DATE
SH	08.09.25

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0m 1 2 3 4 5
SCALE 1:100 ON ORIGINAL SIZE

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PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Grid	Datum	Sheet
-	A.H.D.	04

Status: ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title
GENERAL ARRANGEMENT PLAN
SHEET 02

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C302	E

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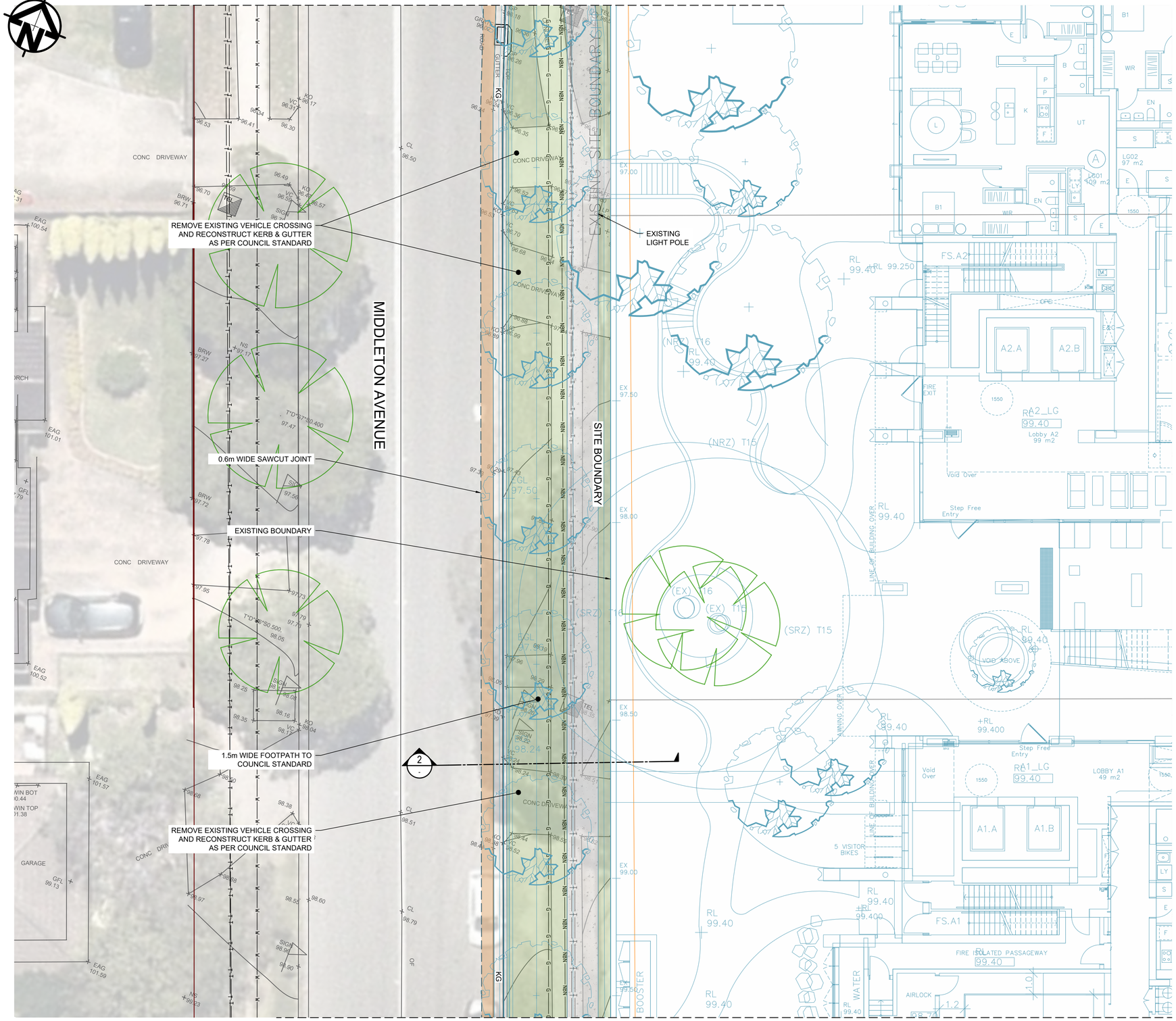
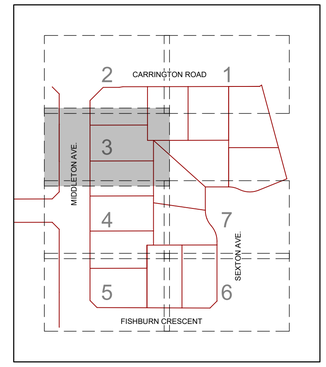
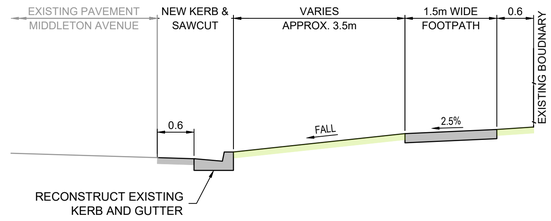
FOR CONTINUATION, SEE DRG. No. C302





KEY PLAN
NOT TO SCALE

NOTE:
1. ALL UTILITIES PIT & COVER TO BE MODIFIED TO SUIT NEW DESIGN LEVELS.



SECTION 2
SCALE: 1:50

FOR CONTINUATION, SEE DRG. No. C304

Issue	Last revision title	By	Date	Status
E	ISSUED FOR SSDA	LD	08.09.25	02
D	ISSUED FOR SSDA	LD	02.09.25	02
C	ISSUED FOR SSDA	LD	24.07.25	02
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P04	PRELIMINARY	LD	12.06.25	01
P03	PRELIMINARY	LD	03.06.25	01

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4-tender 5-construction 6-other

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FIRE			
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CIVIL			
SURVEY			

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KW	08.09.25
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SH	08.09.25
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KW	08.09.25
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APPROVED	DATE
SH	08.09.25

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Scales
0m 1 2 3 4 5
SCALE 1:100 ON ORIGINAL SIZE
0m 0.5 1 1.5 2 2.5
SCALE 1:50 ON ORIGINAL SIZE

Client: ARADA

Architect: TURNER

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PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Status: ISSUED FOR DA
NOT FOR CONSTRUCTION

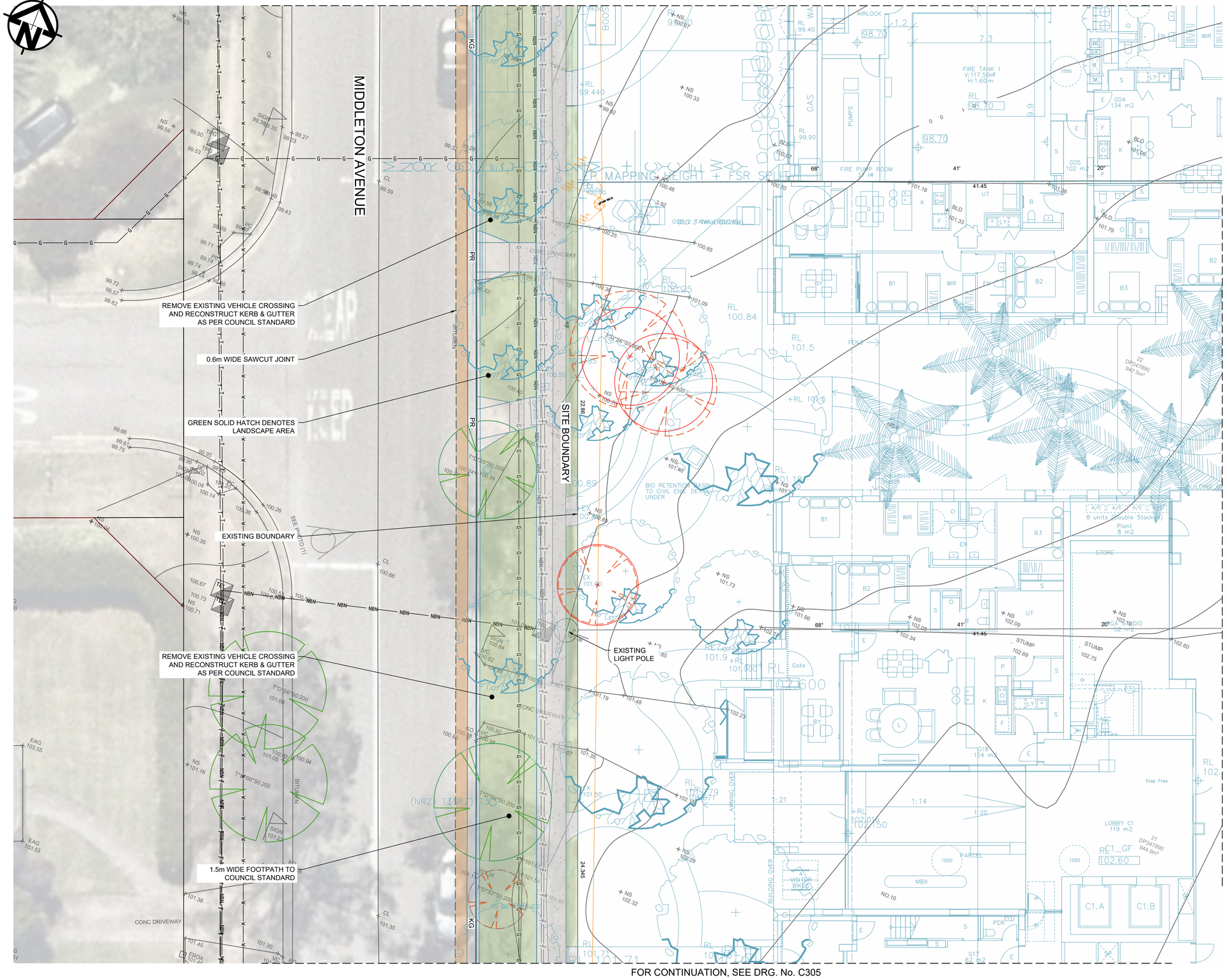
Drawing Title
GENERAL ARRANGEMENT PLAN
SHEET 03

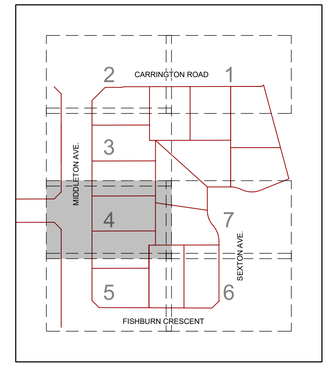
Grid	Datum	Sheet
-	A.H.D.	05

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C303	E

A1 Plotted Friday, 12 September 2025 9:51:06 PM By LEONARDDOUCET ASDC - File Name:Z:\Production\2024\20240122 20 Carrington Road, Castle Hill\Civil\C240302 - CW20240122_S02-C303.dwg

FOR CONTINUATION, SEE DRG. No. C303





KEY PLAN
NOT TO SCALE

NOTE:
1. ALL UTILITIES PIT & COVER TO BE MODIFIED TO SUIT NEW DESIGN LEVELS.

FOR CONTINUATION, SEE DRG. No. C305

Issue	Last revision title	By	Date	Status
E	ISSUED FOR SSDA	LD	08.09.25	02
D	ISSUED FOR SSDA	LD	02.09.25	02
C	ISSUED FOR SSDA	LD	24.07.25	02
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P04	PRELIMINARY	LD	12.06.25	01
P03	PRELIMINARY	LD	03.06.25	01

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate
4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN	DATE
KW	08.09.25
CHECKED	DATE
SH	08.09.25
DESIGNED	DATE
KW	08.09.25
VERIFIED	DATE
SH	08.09.25
APPROVED	DATE
SH	08.09.25

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SCALE 1:100 ON ORIGINAL SIZE

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PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Status
ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title
GENERAL ARRANGEMENT PLAN
SHEET 04

Grid	Datum	Sheet
-	A.H.D.	06

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C304	E

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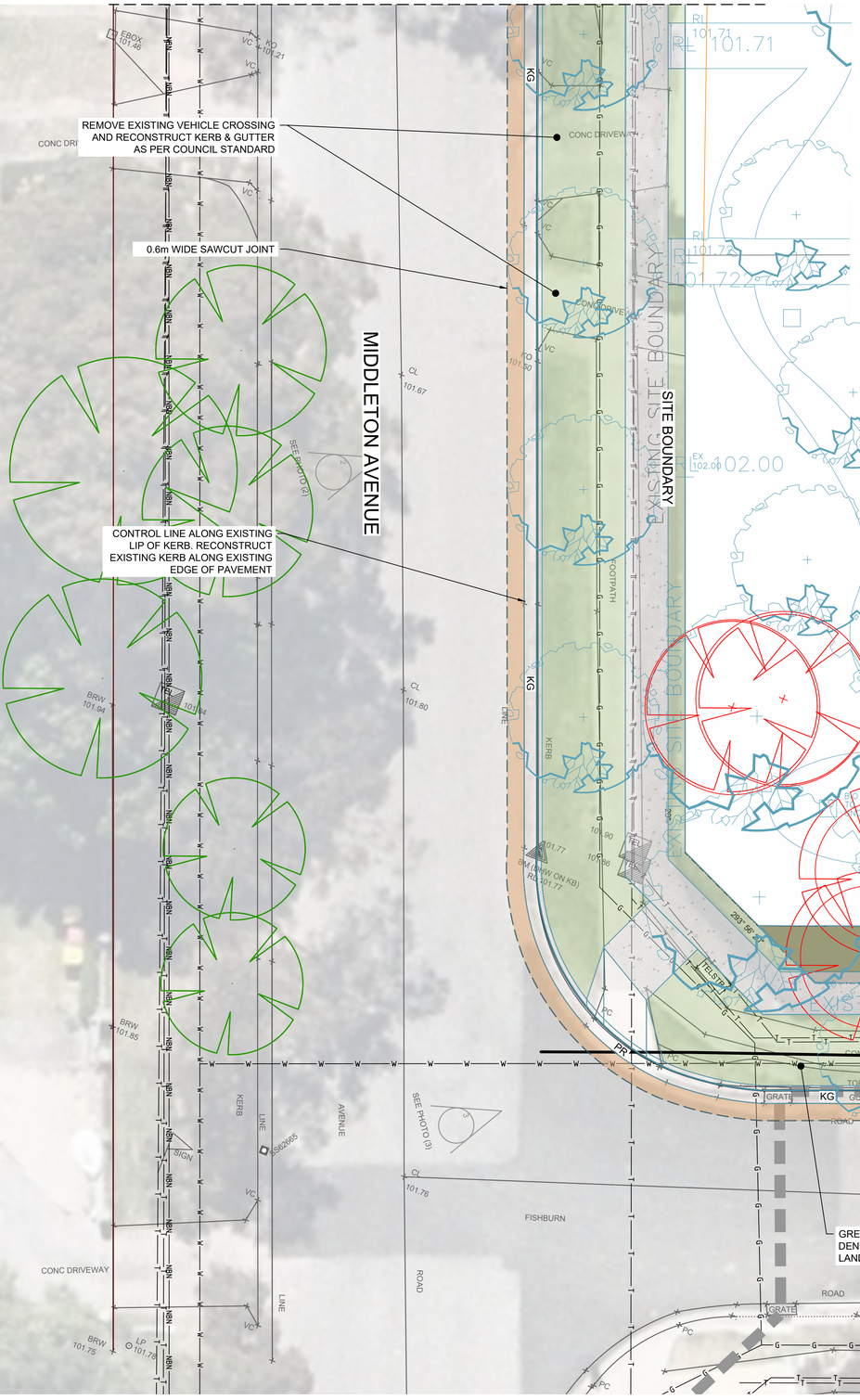
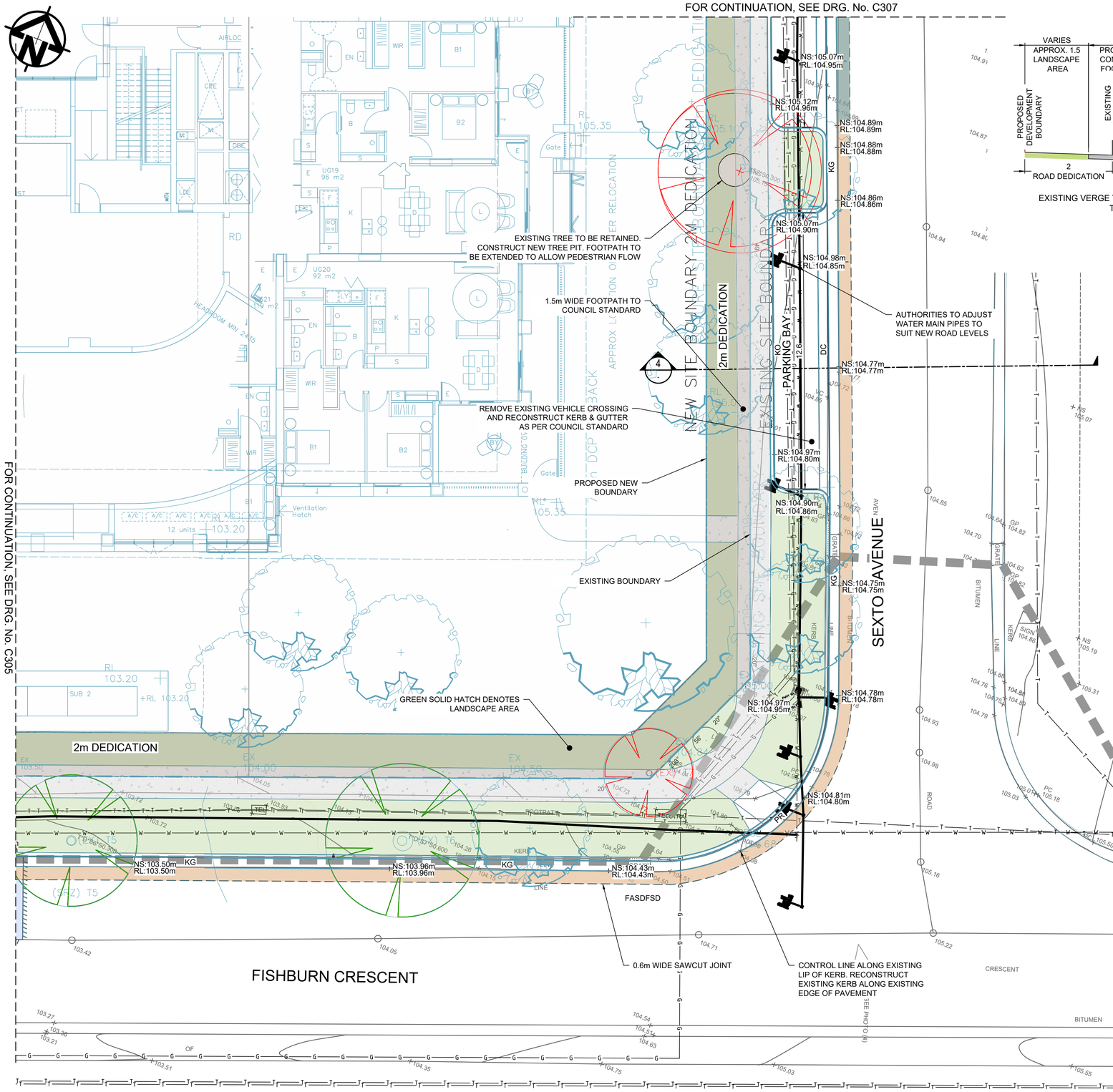
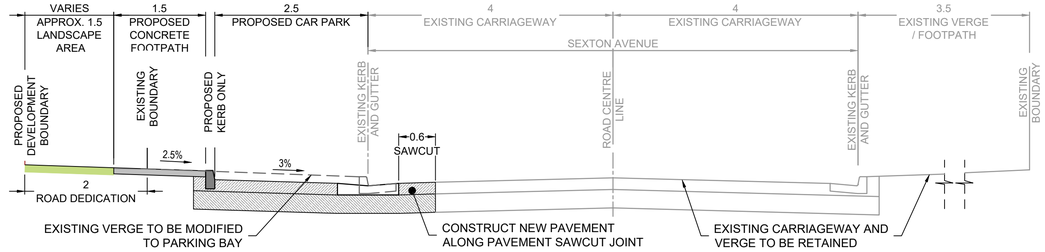
FOR CONTINUATION, SEE DRG. No. C304


REMOVE EXISTING VEHICLE CROSSING AND RECONSTRUCT KERB & GUTTER AS PER COUNCIL STANDARD
0.6m WIDE SAWCUT JOINT
CONTROL LINE ALONG EXISTING LIP OF KERB. RECONSTRUCT EXISTING KERB ALONG EXISTING EDGE OF PAVEMENT
MIDDLETON AVENUE
EXISTING SITE BOUNDARY
CONC DRIVEWAY
SEE PHOTO (1)
SEE PHOTO (2)
SEE PHOTO (3)
FISHBURN
ROAD
KERB
LINE
FOOTPATH
SIGN
TELSTRA
CENTRELINE
GRATE
GUTTER
TOP
BRW 101.85
BRW 101.94
BRW 101.75
LP 101.78
EBOX 101.48
KO 101.21
KO 101.80
SV 101.42
SV 101.43
101.46
101.77
101.80
101.86
CL 101.67
CL 101.80
CL 101.76
RL 101.71
RL 101.72
EX 102.00
RL 102.14
RL 102.105
RL 102.600
RL 102.75
RD RETENTION BASIN INVERT LEVEL DATA TO BE CONFIRMED AT DETAIL DESIGN STAGE
5M (MIN) W KB) RL101.77
200 SW
250 SW
375 SW
300 SW
450 SW
NS:101.67m RL:101.63m
NS:101.46m RL:101.46m
NS:101.53m RL:101.53m
NS:101.59m RL:101.60m
NS:101.77m RL:101.77m
NS:102.14m RL:101.99m
NS:102.17m RL:102.08m
NS:102.10m RL:102.10m
NS:102.68m RL:102.60m
NS:102.58m RL:102.58m
NS:103.21m RL:103.14m
NS:103.04m RL:103.04m
PARKING BAY
12.6
22.8
BITUMEN
FISHBURN CRESCENT
LOCAL STREET (17M)
EXISTING BOUNDARY
1.5m WIDE FOOTPATH TO COUNCIL STANDARD
PROPOSED NEW BOUNDARY
2m DEDICATION
EXISTING LIGHT POLE TO BE RELOCATED RL:102.57m
NEW SITE BOUNDARY 2M DEDICATION
RL:102.75m
FUTURE SITE BOUNDARY 2m DEDICATION
EXISTING SITE BOUNDARY
EXISTING SITE BOUNDARY
GREEN SOLID HATCH DENOTES LANDSCAPE AREA
0.6m WIDE SAWCUT JOINT
EXISTING PIT TO BE MODIFIED TO BUTTERFLY PIT WITH HEAVY DUTY GRATE
LIGHT PURPLE HATCH DENOTES APPROXIMATE RESURFACING AREA
CONSTRUCT NEW DRIVEWAY AS PER COUNCIL STANDARD
FISHBURN CRESCENT
3m FRONT LEP SETBACK
1.5m FRONT LEP SETBACK
LOADING DOCK
SUBSTATION
SUB 1
1:59
1:21
1:100
1:50
1:200
1:100
1:50
1:200
1:100
1:50
1:200

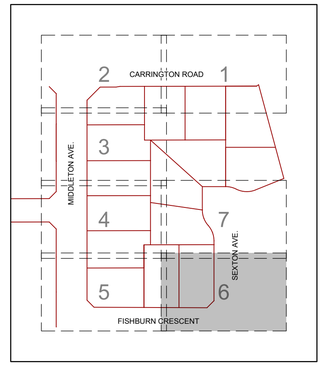
FOR CONTINUATION, SEE DRG. No. C307

FOR CONTINUATION, SEE DRG. No. C305





SECTION 4/-
SCALE: 1:50



KEY PLAN
NOT TO SCALE

NOTE:
1. ALL UTILITIES PIT & COVER TO BE MODIFIED TO SUIT NEW DESIGN LEVELS.
2. RESURFACING AREA SHOWN ON THIS PLAN IS INDICATIVE ONLY. DETAILS TO BE PROVIDED IN CC STAGE
3. ALL CAR PARKING BAYS ALLOW 2 CARS WITH MIN, 6.3m WIDE FOR EACH PARKING SPACE.
4. DETAILS OF PARKING BAY REFER TO THSC DRAWING "INDENTED PARKING DETAIL LAYOUT" DATED 15.02.2019

Issue	Last revision title	By	Date	Status
E	ISSUED FOR SSDA	LD	08.09.25	02
D	ISSUED FOR SSDA	LD	02.09.25	02
C	ISSUED FOR SSDA	LD	24.07.25	02
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P04	PRELIMINARY	LD	12.06.25	01
P03	PRELIMINARY	LD	03.06.25	01

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate 4-tender 5-construction 6-other

Reference Coordination Drawing			
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control	
DRAWN	DATE
KW	08.09.25
CHECKED	DATE
SH	08.09.25
DESIGNED	DATE
KW	08.09.25
VERIFIED	DATE
SH	08.09.25
APPROVED	DATE
SH	08.09.25

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PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Grid	Datum	Sheet
-	A.H.D.	08

Status
ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title
GENERAL ARRANGEMENT PLAN
SHEET 06

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C306	E

A1 Portrait Friday, 12 September 2025 3:51:05 PM By LEONARDO.DACOSTA@SGC - File Name:Z:\Production\2024\20240122 2G Carrington Road, Castle Hill\Civil\CAD\S02 - CW\20240122_S02-C306.dwg

EXISTING BOUNDARY

PROPOSED NEW BOUNDARY

EXISTING CUL-DE-SAC TO BE RECONSTRUCTED

1.5m WIDE FOOTPATH TO COUNCIL STANDARD

DROP OFF ZONE

GREEN SOLID HATCH DENOTES LANDSCAPE AREA

FOR CONTINUATION, SEE DRG. No. C304

FOR CONTINUATION, REFER TO INSET A

REMOVE EXISTING VEHICLE CROSSING AND RECONSTRUCT KERB & GUTTER AS PER COUNCIL STANDARD

(EX) NEW SITE BOUNDARY 2M DEDICATION

SEXTON AVENUE

LOCAL STREET (17M)

POCKET PARK

PARKING BAY

LIGHT PURPLE HATCH DENOTES APPROXIMATE RESURFACING AREA

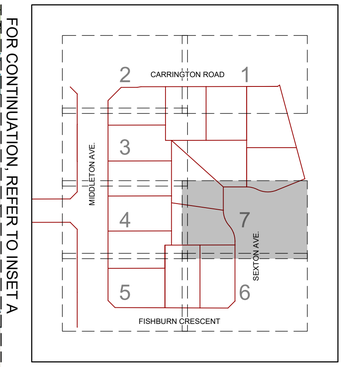
0.6m WIDE SAWCUT JOINT

REMOVE EXISTING VEHICLE CROSSING AND RECONSTRUCT KERB & GUTTER AS PER COUNCIL STANDARD

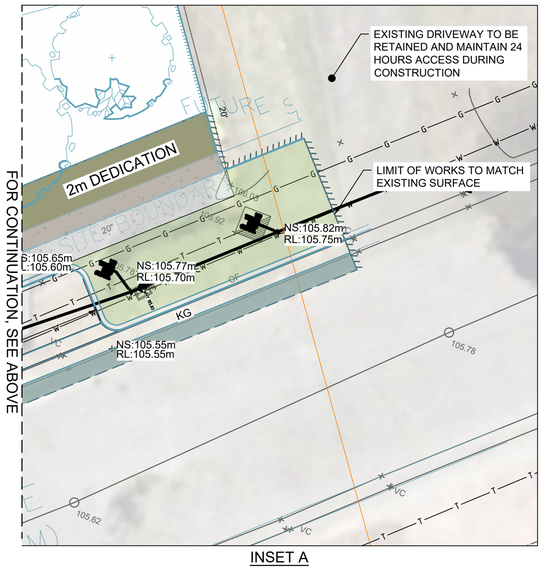
EXISTING LIGHT POLE TO BE RELOCATED

2m DEDICATION

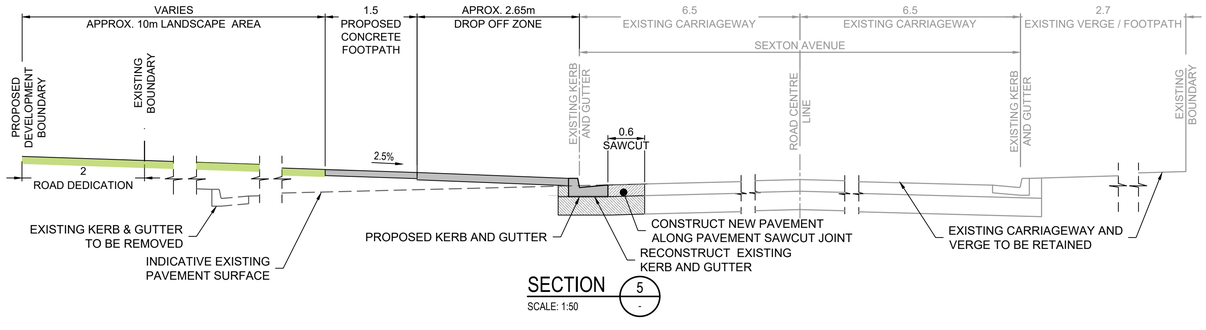
FOR CONTINUATION, SEE DRG. No. C306



KEY PLAN
NOT TO SCALE



INSET A
SCALE 1:100



SECTION 5
SCALE: 1:50

NOTE:
1. ALL UTILITIES PIT & COVER TO BE MODIFIED TO SUIT NEW DESIGN LEVELS.
2. RESURFACING AREA SHOWN ON THIS PLAN IS INDICATIVE ONLY. DETAILS TO BE PROVIDED IN CC STAGE
3. ALL CAR PARKING BAYS ALLOW 2 CARS WITH MIN, 6.3m WIDE FOR EACH PARKING SPACE.
4. DETAILS OF PARKING BAY REFER TO THSC DRAWING "INDENTED PARKING DETAIL LAYOUT" DATED 15.02.2019
5. ROAD RESURFACING AREA IS SHOWN INDICATIVE ONLY. DETAILS TO BE PROVIDED IN CC STAGE
6. REMOVAL OF EXISTING CUL-DE-SAC IS SUBJECT TO THSC APPROVAL.

F	ISSUED FOR SSDA	LD	12.09.25	02
E	ISSUED FOR SSDA	0	08.09.25	02
D	ISSUED FOR SSDA	LD	02.09.25	02
C	ISSUED FOR SSDA	LD	24.07.25	02
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P04	PRELIMINARY	LD	12.06.25	01
Issue	Last revision title	By	Date	Status

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4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN	DATE
KW	12.09.25
CHECKED	DATE
SH	12.09.25
DESIGNED	DATE
KW	12.09.25
VERIFIED	DATE
SH	12.09.25
APPROVED	DATE
SH	12.09.25

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A.B.N. 21 118 222 530

PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Status
ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title
GENERAL ARRANGEMENT PLAN
SHEET 07

Grid	Datum	Sheet
-	A.H.D.	09

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C307	F

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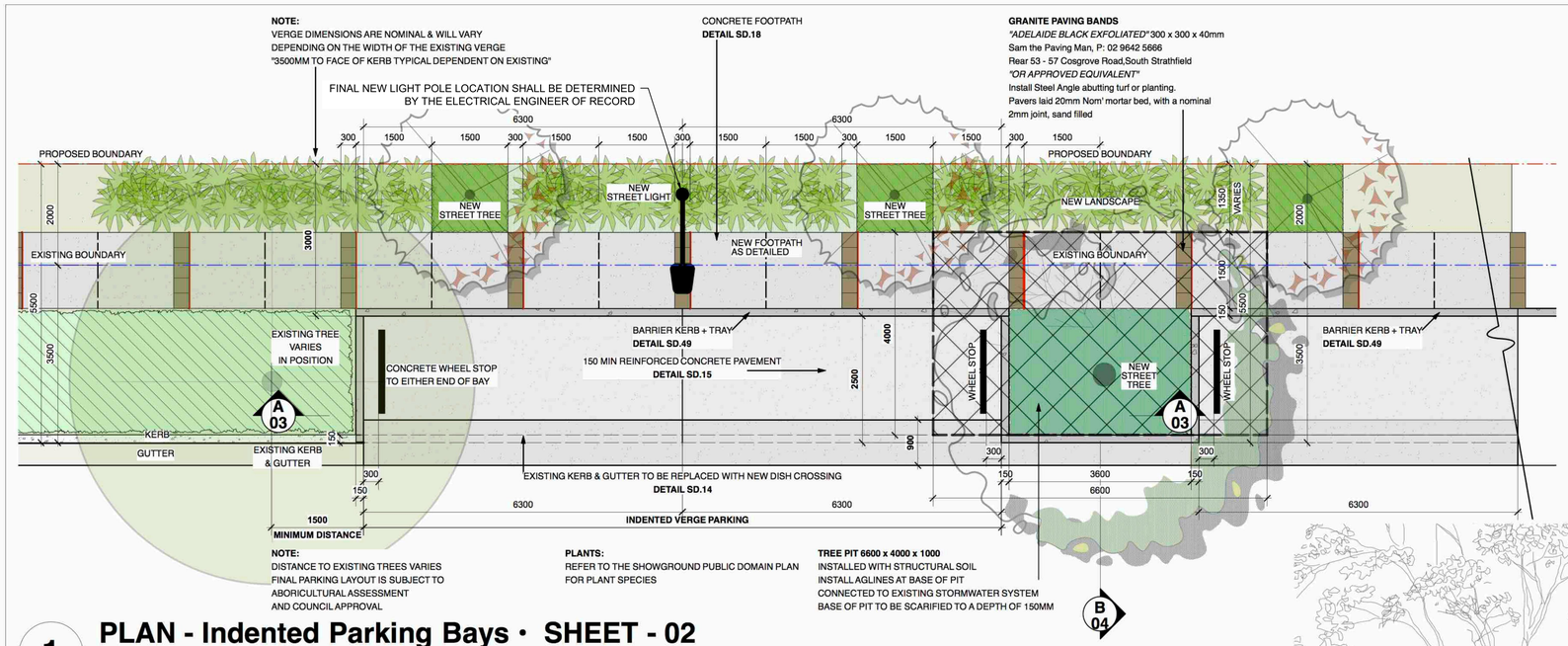


1 PLAN - Indented Parking Bays • SHEET - 02

1:100@A3

STRUCTURAL SOIL MIX FOR STREET TREE PITS

Filler Soil
Shall be thoroughly a combined mix made of 1 Part sandy loam to 1 Part dolerite and 5% by volume of composted greens waste, screened to less than 12mm with the following properties:

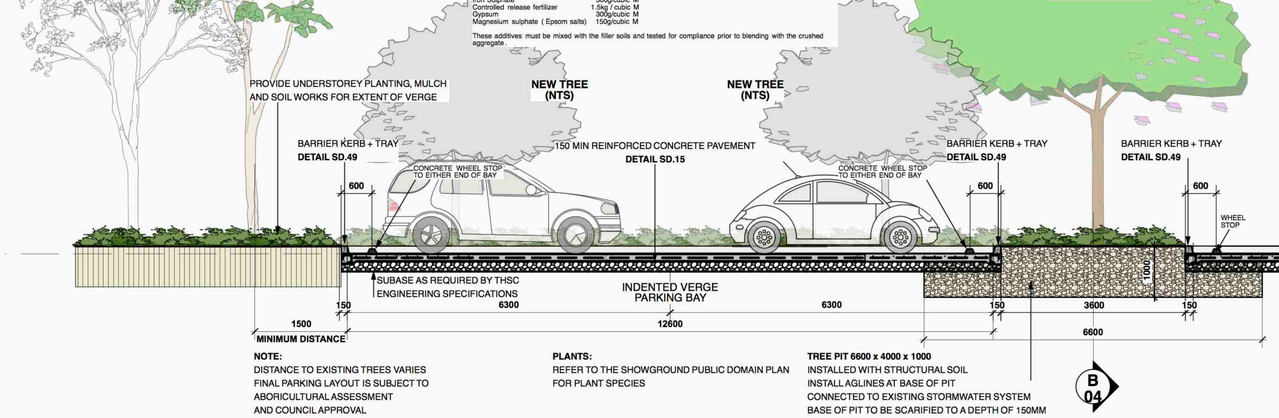
Organic matter	< 1% by Weight
pH in water	5.5 -6.5
Electrical conductivity	< 1.2 dS/M
Ammonium	20 - 200 mg/kg
Phosphorus	10 - 50 mg/kg
pH in water	5.5 -6.5
pH in water	5.5 -6.5

Additives
To the above filler soil components the following additives are required (to be confirmed during testing of samples for approval) .

Magrilime or a 50/50 lime Dolerite mix to bring the pH level to 5.5- 6.5.

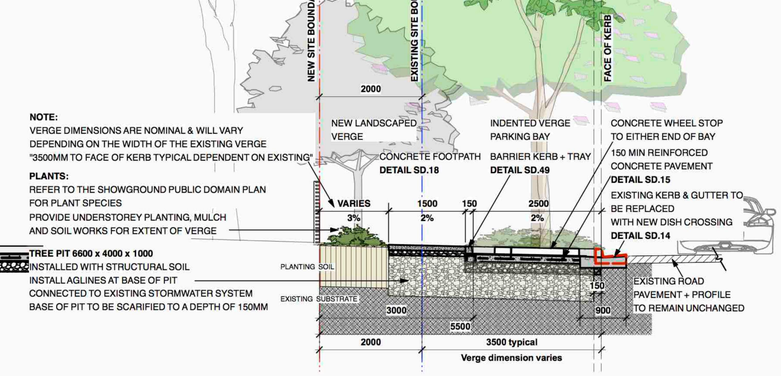
Trace element mix	100g/cubic M
Potassium nitrate	300g/cubic M
Nitran (ammonium nitrate)	300g/cubic M
Superphosphate	300g/cubic M
iron Sulphate	500g/cubic M
Controlled release fertilizer	1.5kg / cubic M
Gypsum	300g/cubic M
Magnesium sulphate (Epsom salts)	150g/cubic M

These additives must be mixed with the filler soils and tested for compliance prior to blending with the crushed aggregate .



A SECTION - Indented Parking Bays • SHEET-03

1:100



B SECTION - Indented Parking Bays • SHEET - 04

1:100@A3

THE HILLS Sydney's Garden Shire

1:50@A3

INDENTED PARKING DETAIL LAYOUT PLAN

SHOWGROUND PRECINCT • VERGE TREATMENT • **SHEET - 01**

date : 15-02-2019

drawing # :

C	ISSUED FOR SSDA	LD	12.09.25	02
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P03	PRELIMINARY	LD	12.06.25	01
P02	PRELIMINARY	LD	03.06.25	01
P01	PRELIMINARY	KW	19.02.25	01
Issue	Last revision title	By	Date	Status

Issuer internal sequence and revision history
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Reference Coordination Drawing

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ARCH			
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SURVEY			

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SH	12.09.25

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PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Status: ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title: DETAIL SHEET SHEET 01

Grid	Datum	Sheet
-	A.H.D.	10

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C401	C

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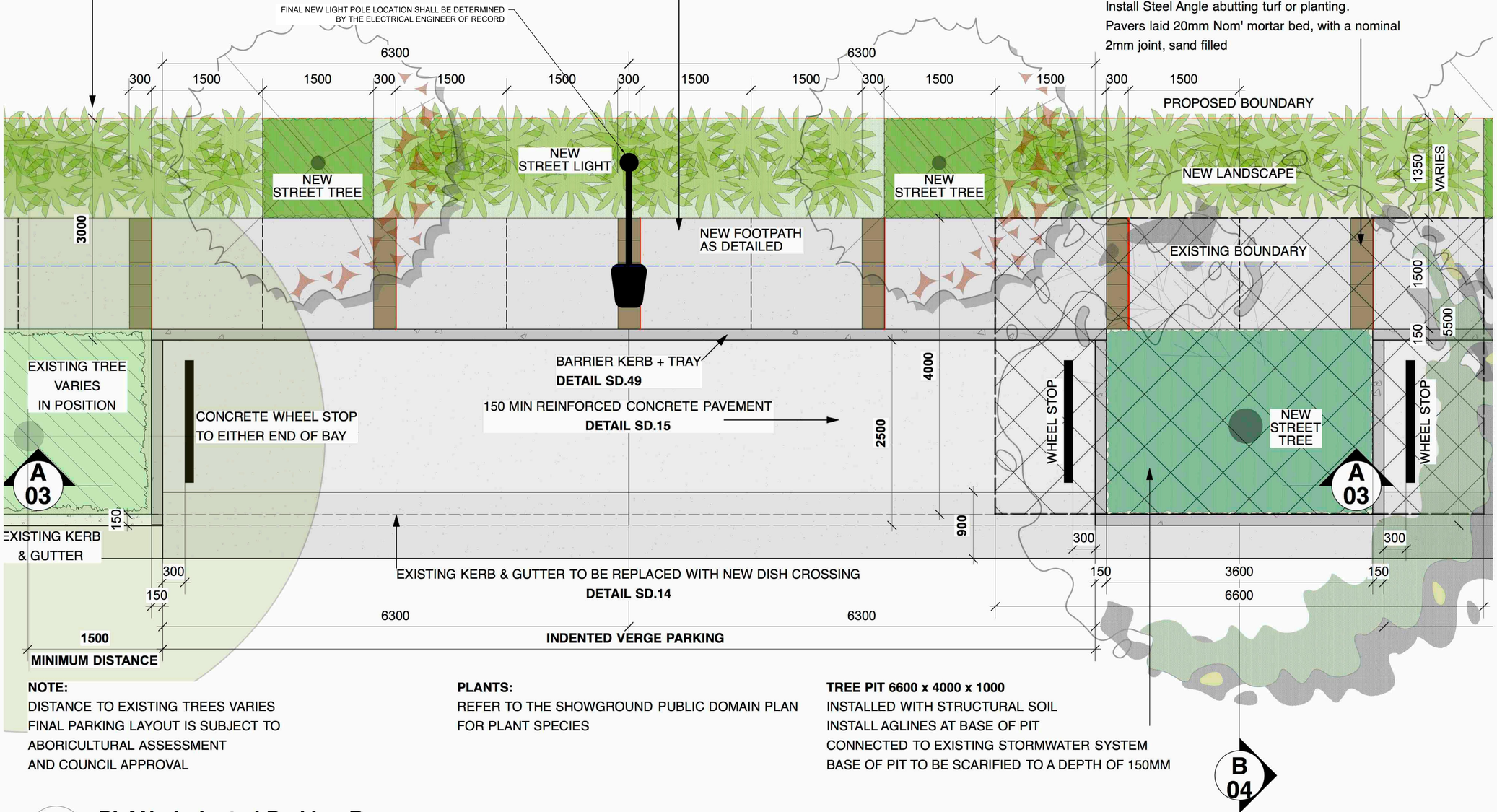
NOTE:
VERGE DIMENSIONS ARE NOMINAL & WILL VARY
DEPENDING ON THE WIDTH OF THE EXISTING VERGE
"3500MM TO FACE OF KERB TYPICAL DEPENDENT ON EXISTING"

CONCRETE FOOTPATH
DETAIL SD.18

GRANITE PAVING BANDS
"ADELAIDE BLACK EXFOLIATED" 300 x 300 x 40mm
Sam the Paving Man, P: 02 9642 5666
Rear 53 - 57 Cosgrove Road,South Strathfield
"OR APPROVED EQUIVALENT"
Install Steel Angle abutting turf or planting.
Pavers laid 20mm Nom' mortar bed, with a nominal
2mm joint, sand filled



NOTE:
DISTANCE TO EXISTING TREES VARIES
FINAL PARKING LAYOUT IS SUBJECT TO
ABORICULTURAL ASSESSMENT
AND COUNCIL APPROVAL

PLANTS:
REFER TO THE SHOWGROUND PUBLIC DOMAIN PLAN
FOR PLANT SPECIES

TREE PIT 6600 x 4000 x 1000
INSTALLED WITH STRUCTURAL SOIL
INSTALL AGLINES AT BASE OF PIT
CONNECTED TO EXISTING STORMWATER SYSTEM
BASE OF PIT TO BE SCARIFIED TO A DEPTH OF 150MM

B 04

1 **PLAN - Indented Parking Bays**
1:50@A3

THE HILLS Sydney's Garden Shire

0 200 400 600 800 1m 1.5m 2m 3m 4m 1:50@A3

date : 15-02-2019
drawing # :

SHOWGROUND PRECINCT • VERGE TREATMENT • **SHEET - 02**

Issue	Last revision title	By	Date	Status
C	ISSUED FOR SSDA	LD	12.09.25	02
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P03	PRELIMINARY	LD	12.06.25	01
P02	PRELIMINARY	LD	03.06.25	01
P01	PRELIMINARY	KW	19.02.25	01

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate
4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

	DATE
DRAWN KW	12.09.25
CHECKED SH	12.09.25
DESIGNED KW	12.09.25
VERIFIED SH	12.09.25
APPROVED SH	12.09.25

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Chartered Professional Engineer
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Scales

Client: ARADA

Architect: TURNER

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A.B.N. 21 118 222 530

PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Grid	Datum	Sheet
-	A.H.D.	11

Status: ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title: DETAIL SHEET
SHEET 02

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C402	C

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STRUCTURAL SOIL MIX FOR STREE TREE PITS

Filler Soil
Shall be thoroughly a combined mix made of 1 Part sandy loam to 1 Part dolerite and 5% by volume of composted greens waste, screened to less than 12mm with the following properties:

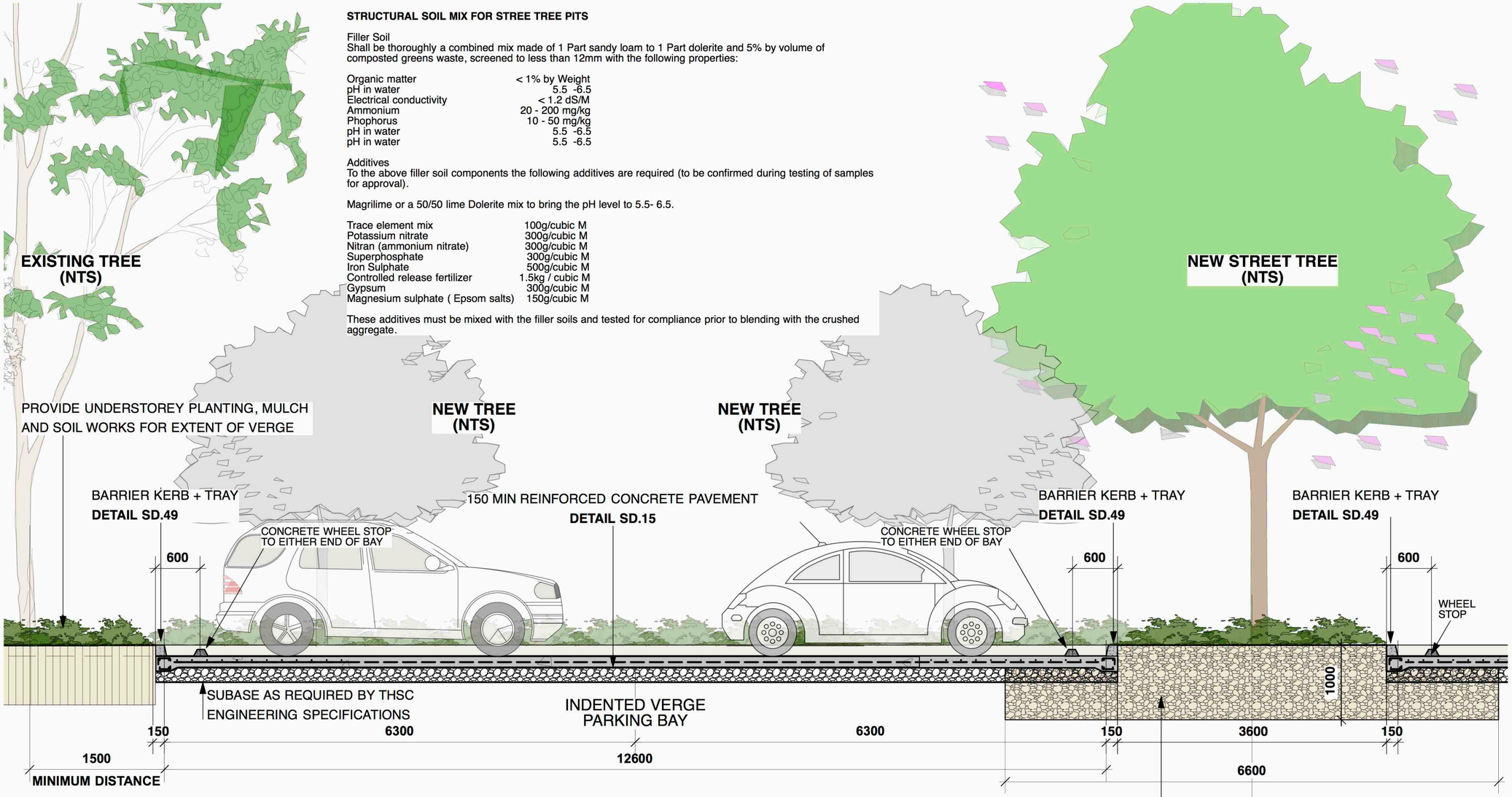
Organic matter	< 1% by Weight
pH in water	5.5 -6.5
Electrical conductivity	< 1.2 dS/M
Ammonium	20 - 200 mg/kg
Phophorus	10 - 50 mg/kg
pH in water	5.5 -6.5
pH in water	5.5 -6.5

Additives
To the above filler soil components the following additives are required (to be confirmed during testing of samples for approval).

Magrilime or a 50/50 lime Dolerite mix to bring the pH level to 5.5- 6.5.

Trace element mix	100g/cubic M
Potassium nitrate	300g/cubic M
Nitran (ammonium nitrate)	300g/cubic M
Superphosphate	300g/cubic M
Iron Sulphate	500g/cubic M
Controlled release fertilizer	1.5kg / cubic M
Gypsum	300g/cubic M
Magnesium sulphate (Epsom salts)	150g/cubic M

These additives must be mixed with the filler soils and tested for compliance prior to blending with the crushed aggregate.



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PLANTS:
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FOR PLANT SPECIES

TREE PIT 6600 x 4000 x 1000
INSTALLED WITH STRUCTURAL SOIL
INSTALL AGLINES AT BASE OF PIT
CONNECTED TO EXISTING STORMWATER SYSTEM
BASE OF PIT TO BE SCARIFIED TO A DEPTH OF 150MM

B
04

A
SECTION - Indented Parking Bays
1:50 @A3

THE HILLS Sydney's Garden Shire

0 200 400 600 800 1m 1.5m 2m 3m 4m 1:50@A3

date : 15-02-2019
drawing # :

SHOWGROUND PRECINCT • VERGE TREATMENT • SHEET - 03

Issue	Last revision title	By	Date	Status
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P03	PRELIMINARY	LD	12.06.25	01
P02	PRELIMINARY	LD	03.06.25	01
P01	PRELIMINARY	KW	19.02.25	01

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate 4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN	DATE
KW	07.07.25
CHECKED	DATE
SH	07.07.25
DESIGNED	DATE
KW	07.07.25
VERIFIED	DATE
SH	07.07.25
APPROVED	DATE
SH	07.07.25

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Scales

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Architect: TURNER

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A.B.N. 21 118 222 530

PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Status: ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title
DETAIL SHEET
SHEET 03

Grid	Datum	Sheet
-	A.H.D.	12

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C403	B

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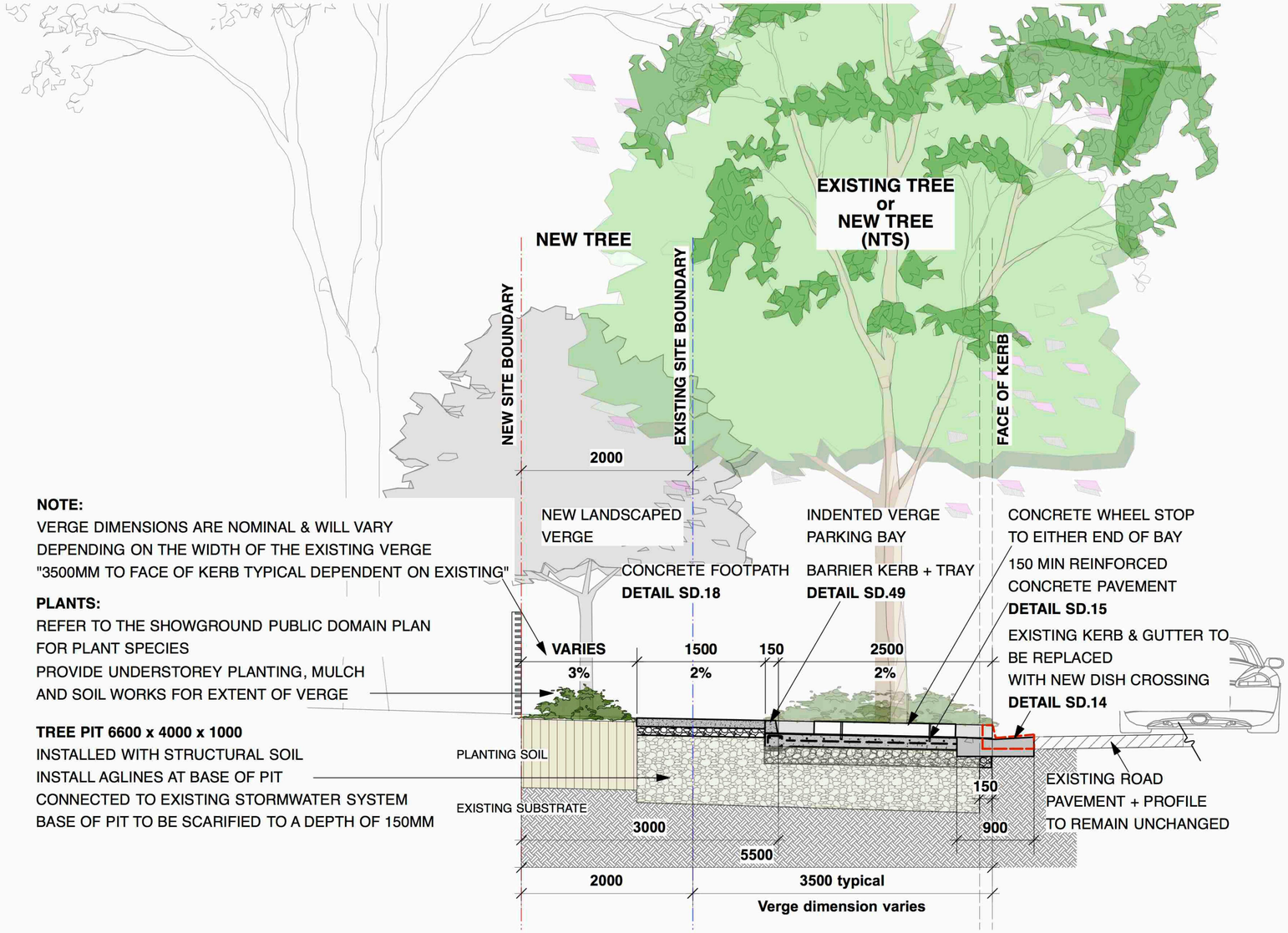

NOTE:
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"3500MM TO FACE OF KERB TYPICAL DEPENDENT ON EXISTING"

PLANTS:
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FOR PLANT SPECIES
PROVIDE UNDERSTOREY PLANTING, MULCH
AND SOIL WORKS FOR EXTENT OF VERGE

TREE PIT 6600 x 4000 x 1000
INSTALLED WITH STRUCTURAL SOIL
INSTALL AGLINES AT BASE OF PIT
CONNECTED TO EXISTING STORMWATER SYSTEM
BASE OF PIT TO BE SCARIFIED TO A DEPTH OF 150MM

B SECTION - Indented Parking Bays

1:50@A3

THE HILLS Sydney's Garden Shire

0 200 400 600 800 1m 1.5m 2m 3m 4m 1:50@A3

date : 15-02-2019

drawing # :

SHOWGROUND PRECINCT • VERGE TREATMENT • SHEET - 04

Issue	Last revision title	By	Date	Status
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P03	PRELIMINARY	LD	12.06.25	01
P02	PRELIMINARY	LD	03.06.25	01
P01	PRELIMINARY	KW	19.02.25	01

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1-preliminary 2-development application 3-construction certificate
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Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN KW	DATE 07.07.25
CHECKED SH	DATE 07.07.25
DESIGNED KW	DATE 07.07.25
VERIFIED SH	DATE 07.07.25
APPROVED SH	DATE 07.07.25

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PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Status: ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title: DETAIL SHEET
SHEET 04

Grid	Datum	Sheet
-	A.H.D.	13

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C404	B

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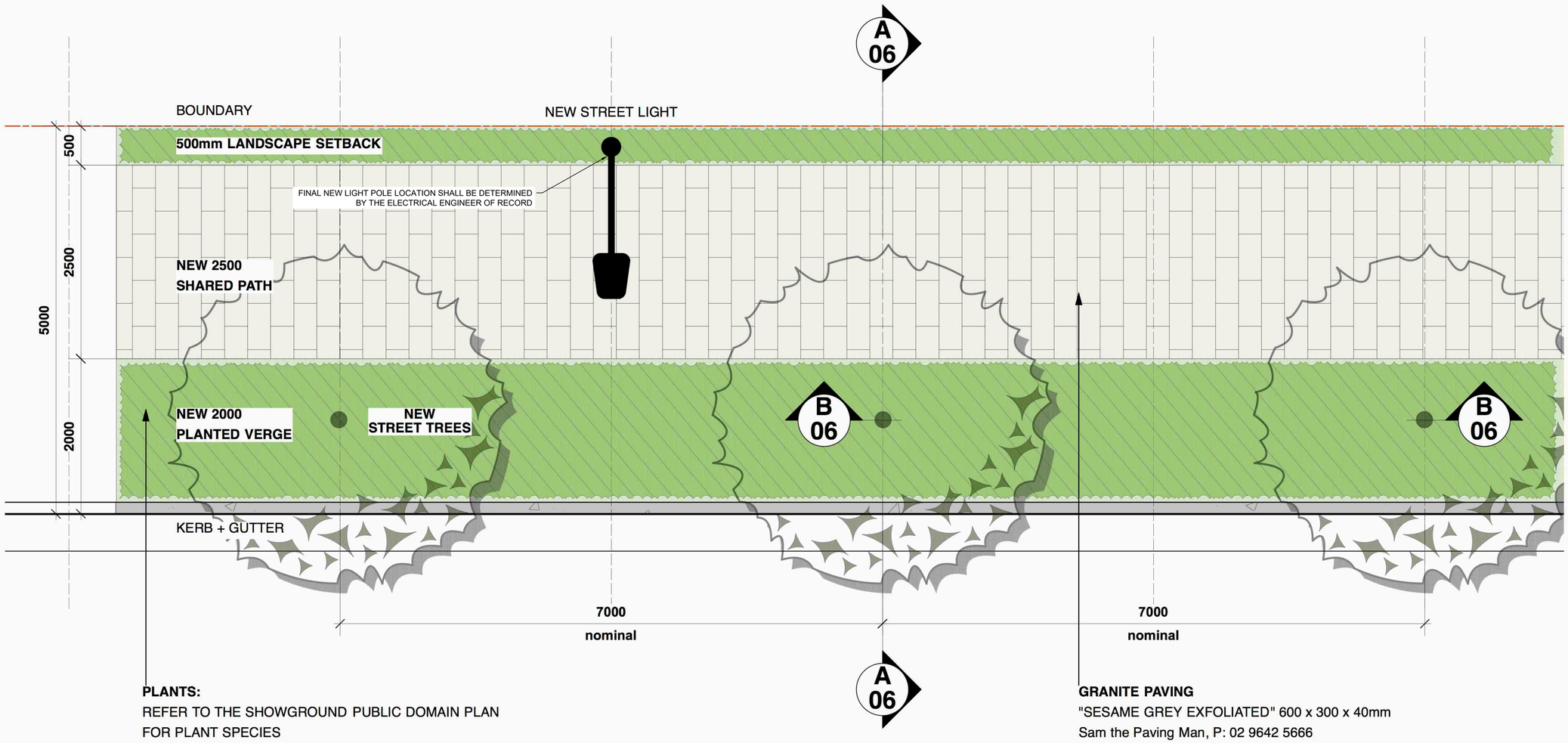

PLANTS:
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PROVIDE UNDERSTOREY PLANTING, MULCH & SOIL WORKS
FOR EXTENT VERGE TREATMENT

GRANITE PAVING
"SESAME GREY EXFOLIATED" 600 x 300 x 40mm
Sam the Paving Man, P: 02 9642 5666
Rear 53 - 57 Cosgrove Road,South Strathfield
"OR APPROVED EQUIVALENT"
Install Steel Angle abutting turf or planting.
Pavers laid 20mm Nom' mortar bed, with a nominal
2mm joint, sand filled in a Stretcher Bond

1 PLAN - Carrington Road EAST SIDE
1:50@A3

THE HILLS Sydney's Garden Shire

0 200 400 600 800 1m 1.5m 2m 3m 4m 1:50@A3

Carrington Road East Side - Pavement Type 2
SHOWGROUND PRECINCT • VERGE TREATMENT • **SHEET - 05**

date : 15-02-2019
drawing # :

C	ISSUED FOR SSDA	LD	12.09.25	02
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P03	PRELIMINARY	LD	12.06.25	01
P02	PRELIMINARY	LD	03.06.25	01
P01	PRELIMINARY	KW	19.02.25	01
Issue	Last revision title	By	Date	Status

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate
4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN	DATE
KW	12.09.25
CHECKED	DATE
SH	12.09.25
DESIGNED	DATE
KW	12.09.25
VERIFIED	DATE
SH	12.09.25
APPROVED	DATE
SH	12.09.25

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PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Grid	Datum	Sheet
-	A.H.D.	14

Status: ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title: DETAIL SHEET
SHEET 05

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C405	C

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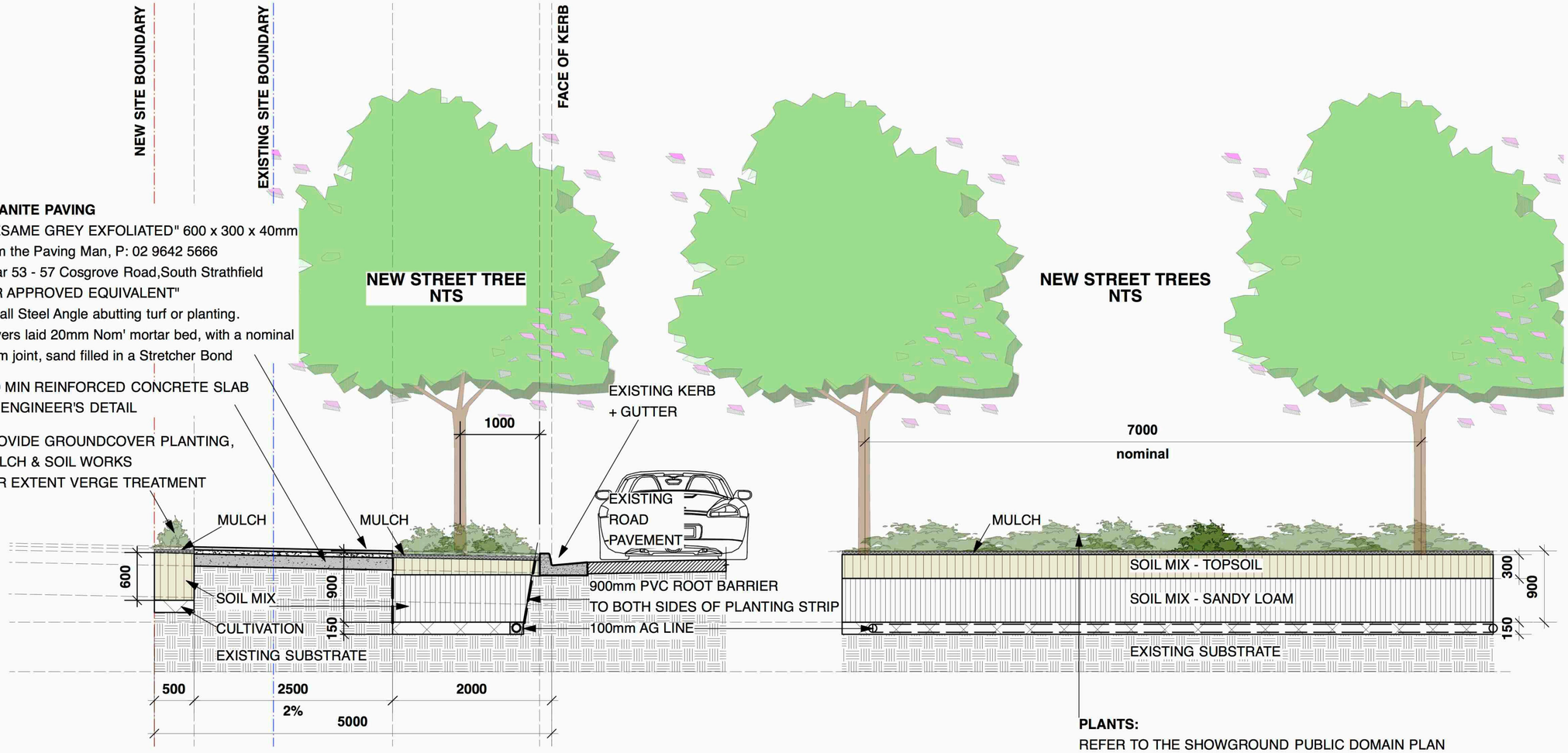

A **CROSS SECTION - Carrington Road EAST SIDE**
1:50@A3

B **LONG SECTION - Carrington Road EAST SIDE**
1:50@A3

THE HILLS Sydney's Garden Shire

0 200 400 600 800 1m 1.5m 2m 3m 4m 1:50@A3

Carrington Road East Side - Pavement Type 2

SHOWGROUND PRECINCT • VERGE TREATMENT • **SHEET - 06**

date : 15-02-2019
drawing # :

Issue	Last revision title	By	Date	Status
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P03	PRELIMINARY	LD	12.06.25	01
P02	PRELIMINARY	LD	03.06.25	01
P01	PRELIMINARY	KW	19.02.25	01

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate
4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN KW	DATE 07.07.25
CHECKED SH	DATE 07.07.25
DESIGNED KW	DATE 07.07.25
VERIFIED SH	DATE 07.07.25
APPROVED SH	DATE 07.07.25

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PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Grid	Datum	Sheet
-	A.H.D.	15

Status: ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title
DETAIL SHEET
SHEET 06

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C406	B

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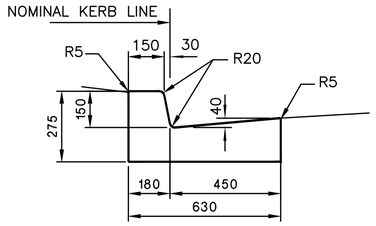
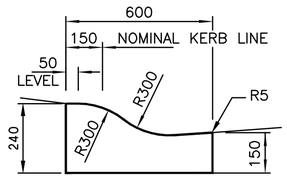
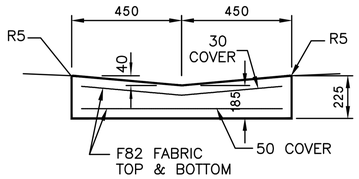


150mm KERB & GUTTER



ROLL KERB & GUTTER



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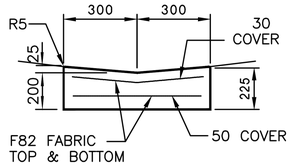
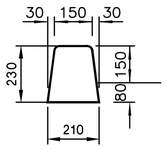
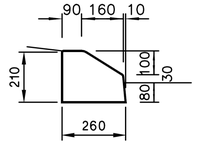


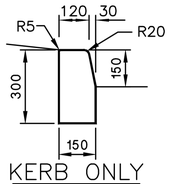
DISH CROSSING
(ROLL KERB ONLY)



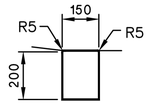
BARRIER KERB



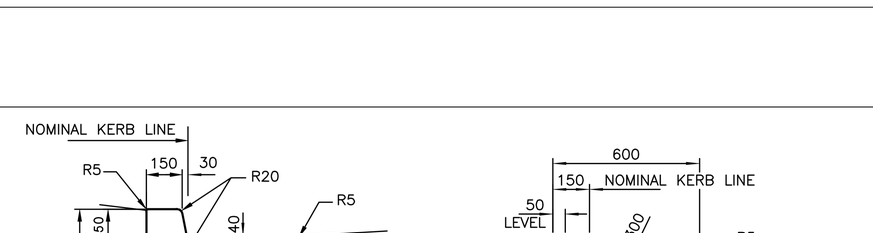
MOUNTABLE KERB



KERB ONLY



EDGE STRIP



INTEGRAL KERB FOR CONCRETE ACCESSWAYS

INTEGRAL KERB FOR CONCRETE ACCESSWAYS

PATHWAY KERB & GUTTER

NOTES

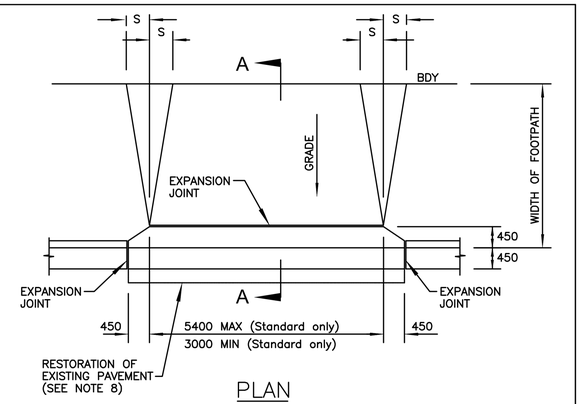
1. ROAD SUB–BASE TO BE EXTENDED BENEATH KERBS, GUTTERS, APRONS AND DISH CROSSINGS.
2. CONCRETE TO BE OF 25 MPa COMPRESSIVE STRENGTH (F'c) AT 28 DAYS.
3. REINFORCEMENT FABRIC TO AS/NZS 4671 HARD DRAWN STEEL WIRE REINFORCEMENT FABRIC.
4. WHERE CONDUITS ARE PLACED PRIOR TO KERB CONSTRUCTION, KERB FACES SHALL BE MARKED FOR LOCATION.
5. PROVIDE EXPANSION JOINTS AT 6m CENTRES AND WEAKENED PLANE JOINT AT 3m CENTRES.
6. ALL DIMENSIONS ARE IN MILLIMETRES (UNO)

THE HILLS Sydney's Garden Shire	THE HILLS SHIRE COUNCIL	DATE: AUG. 2018
	KERBS & GUTTERS	DRAWING No.: SD.14

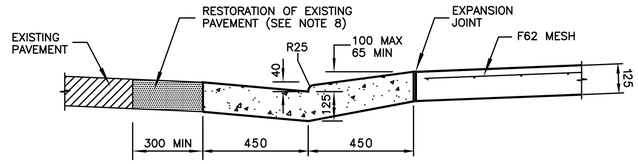
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. STEEL FABRIC TO BE PLACED A MINIMUM OF 40mm AND A MAXIMUM 60mm BELOW THE CONCRETE SURFACE LEVEL.
3. CONCRETE USED IN THE WORK SHALL DEVELOP A MINIMUM CRUSHING STRENGTH OF 25 MPa AFTER 28 DAYS.
4. GUTTER CROSSING TO BE POURED BEFORE AND SEPARATELY FROM FOOTPATH CROSSING.
5. EXPOSED LENGTH OF DOWEL FROM GUTTER CROSSING POUR TO BE COATED WITH "BRUSHDALE DURASEAL" OR EQUIVALENT PRIOR TO POURING FOOTPATH SLAB.
6. REFER TO ELECTRICITY SUPPLIER FOR LOCATION OF CABLE DUCTS.
7. TELECOMUNICATIONS SUPPLIER REQUIRES THAT CONDUITS BE PROVIDED UNDER FOOTPATH CROSSING. THREE WORKING DAYS NOTICE REQUIRED TO ARRANGE INSTALLATION.
8. PROVIDE SAWCUT TO EDGE OF DAMAGED PAVEMENT PRIOR TO RESTORATION WITH FULL DEPTH ASPHALTIC CONCRETE (AC 10)

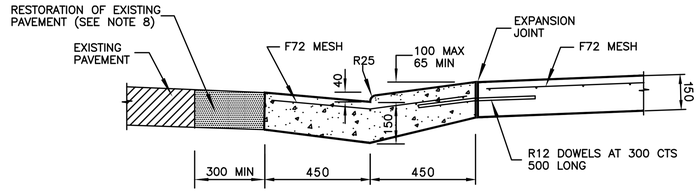
CROSSING TYPE	S
STANDARD DUTY	1000 mm MAXIMUM
MEDIUM DUTY	500 mm MINIMUM
HEAVY DUTY	500 mm MINIMUM



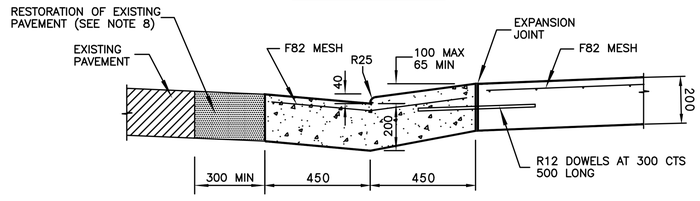
PLAN



SECTION A–A
STANDARD DUTY



SECTION A–A
MEDIUM DUTY



SECTION A–A
HEAVY DUTY

THE HILLS Sydney's Garden Shire	THE HILLS SHIRE COUNCIL	DATE: AUG. 2010
	GUTTER & FOOTPATH CROSSING	DRAWING No.: SD.15

Issue	Last revision title	By	Date	Status
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P03	PRELIMINARY	LD	12.06.25	01
P02	PRELIMINARY	LD	03.06.25	01
P01	PRELIMINARY	KW	19.02.25	01

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate
4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN KW	DATE 07.07.25
CHECKED SH	DATE 07.07.25
DESIGNED KW	DATE 07.07.25
VERIFIED SH	DATE 07.07.25
APPROVED SH	DATE 07.07.25

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Scales

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Architect: TURNER

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PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

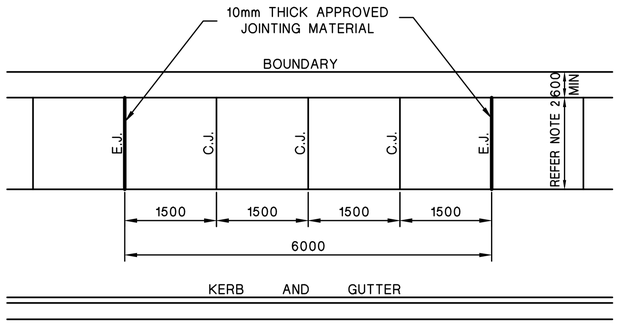
Grid: - | Datum: A.H.D. | Sheet: 16

Status: ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title
DETAIL SHEET
SHEET 07

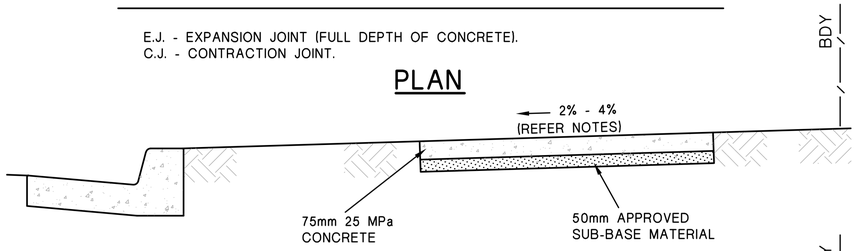
Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C407	B

A1 Plotted Friday, 12 September 2025 3:35:19 PM By LEONARDO/MOORE/SGC - File Name:Z:\Production\20240122\01 2 Fishburn Road, Castle Hill\Civil\CAD\S02 - CIV\20240122_S02-C407.dwg

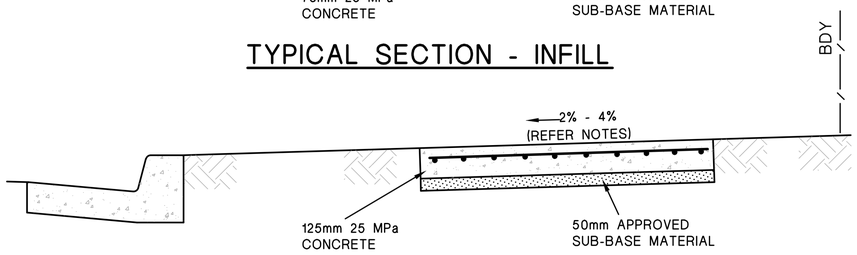


E.J. - EXPANSION JOINT (FULL DEPTH OF CONCRETE).
C.J. - CONTRACTION JOINT.

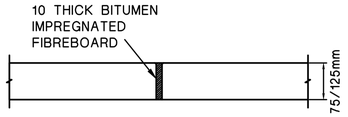
PLAN



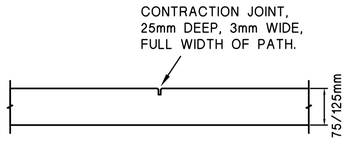
TYPICAL SECTION - INFILL



TYPICAL SECTION - DRIVEWAYS AND NEW DEVELOPMENT



EXPANSION JOINT
AT 6000 MAX. INTERVALS

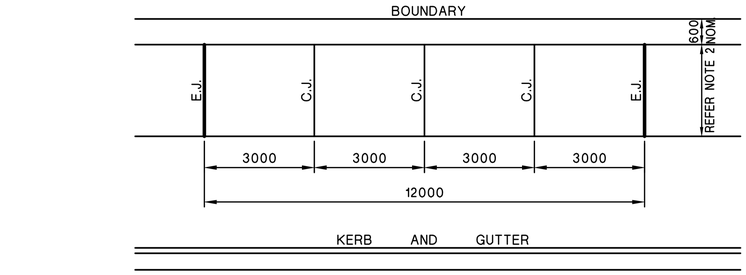


TRANSVERSE CONTRACTION JOINT
AT 1500 MAX. SPACING

NOTES

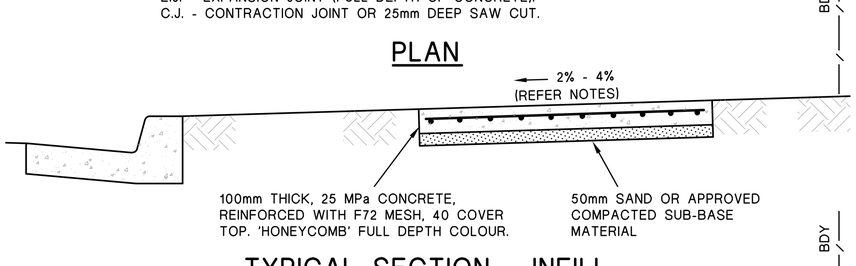
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ACTUAL WIDTH OF FOOTPATH PAVING SHALL BE SPECIFIED BY COUNCIL (MINIMUM 1.2m AND MAXIMUM 1.5m).
3. MINIMUM CONCRETE STRENGTH SHALL BE 25MPa.
4. RAMP TO BE PROVIDED WITH NON SLIP (BROOM) FINISH.
5. PREFERRED CROSSFALL SHALL BE 2.5%.
6. WHERE CONSTRUCTED ADJACENT TO VACANT LAND/NEW DEVELOPMENT OR ROLL KERB, INCREASE CONCRETE DEPTH TO 125mm AND INCLUDE F72 MESH (MINIMUM).
7. WHERE CONSTRUCTED AT AN EXISTING DRIVEWAY, INCREASE CONCRETE DEPTH TO 125mm AND INCLUDE F72 MESH (MINIMUM) EXTENDING 1.5m ON EACH SIDE OF THE DRIVEWAY.
8. ALL EXPOSED CONCRETE EDGES TO BE ROUNDED TO A 5mm RADIUS.

	THE HILLS SHIRE COUNCIL	DATE: SEPT. 2020
THE HILLS Sydney's Garden Shire	FOOTPATH PAVING AND JOINTING DETAILS	DRAWING No.: SD.18

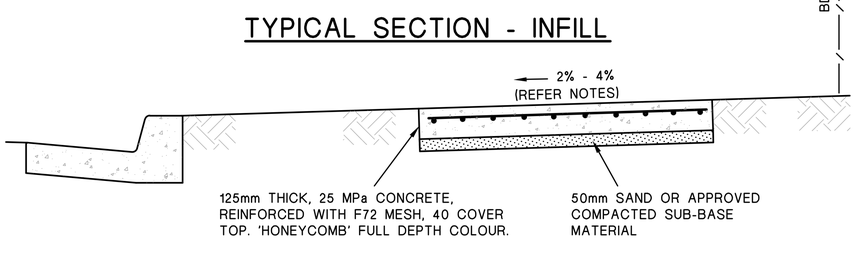


E.J. - EXPANSION JOINT (FULL DEPTH OF CONCRETE).
C.J. - CONTRACTION JOINT OR 25mm DEEP SAW CUT.

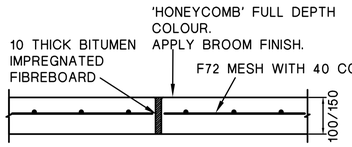
PLAN



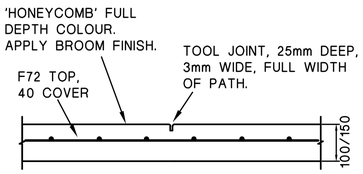
TYPICAL SECTION - INFILL



TYPICAL SECTION - DRIVEWAYS AND NEW DEVELOPMENT



EXPANSION JOINT
AT 12000 MAX. INTERVALS



TRANSVERSE CONTRACTION JOINT
AT 3000 MAX. SPACING

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ACTUAL WIDTH OF CYCLEWAY PAVING SHALL BE SPECIFIED BY COUNCIL (MINIMUM 2m AND MAXIMUM 3m).
3. MINIMUM CONCRETE STRENGTH SHALL BE 25MPa.
4. RAMP TO BE PROVIDED WITH NON SLIP (BROOM) FINISH.
5. WHERE CONSTRUCTED ADJACENT TO VACANT LAND/NEW DEVELOPMENT OR ROLL KERB, INCREASE CONCRETE DEPTH TO 125mm.
6. WHERE CONSTRUCTED AT DEFINED CROSSING LOCATIONS IN PARKS AND RESERVES, INCREASE CONCRETE DEPTH TO 150mm, EXTENDING 1.5m ON EACH SIDE OF THE CROSSING LOCATION.
7. ALL EXPOSED CONCRETE EDGES TO BE ROUNDED TO A 5mm RADIUS.

	THE HILLS SHIRE COUNCIL	DATE: SEPT. 2020
THE HILLS Sydney's Garden Shire	CYCLEWAY PAVING AND JOINTING DETAILS	DRAWING No.: SD.19

B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P03	PRELIMINARY	LD	12.06.25	01
P02	PRELIMINARY	LD	03.06.25	01
P01	PRELIMINARY	KW	19.02.25	01
Issue	Last revision title	By	Date	Status

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate
4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN	DATE
KW	07.07.25
CHECKED	DATE
SH	07.07.25
DESIGNED	DATE
KW	07.07.25
VERIFIED	DATE
SH	07.07.25
APPROVED	DATE
SH	07.07.25

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Scales

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Architect: TURNER

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PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Grid	Datum	Sheet
-	A.H.D.	17

Status: ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title: DETAIL SHEET
SHEET 08

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C408	B

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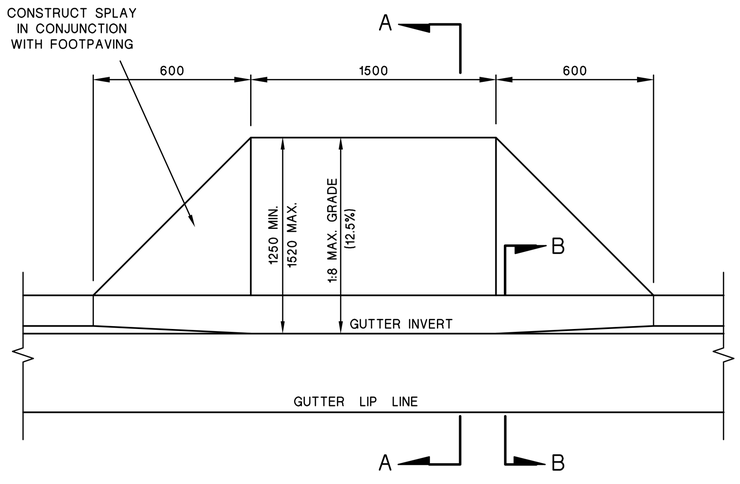
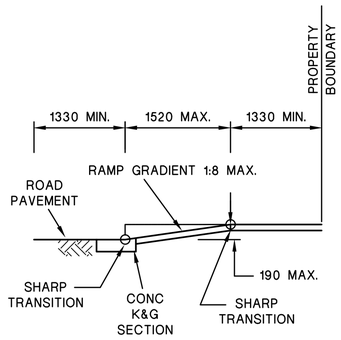


PLAN



SECTION A-A

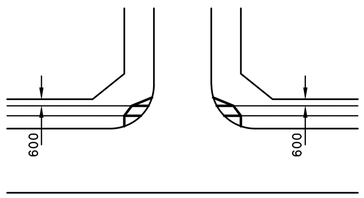
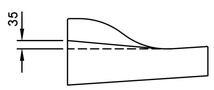


DIAGRAM SHOWING LOCATION OF PEDESTRIAN RAMPS AT INTERSECTIONS

SECTION B-B BARRIER KERB

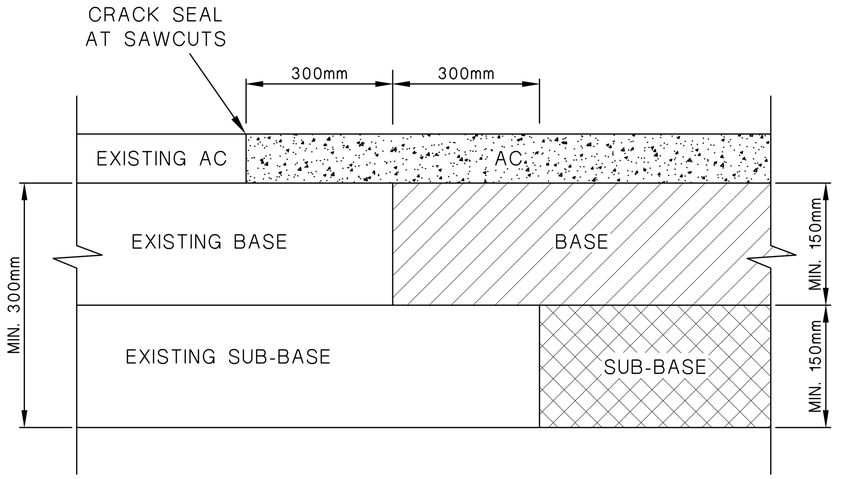


SECTION B-B ROLL KERB

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. RAMP TO BE PROVIDED WITH NON SLIP (BROOM) FINISH.
3. RAMP SHALL BE MINIMUM 125mm THICK ON 50mm THICK APPROVED SUB-BASE MATERIAL.

THE HILLS Sydney's Garden Shire	THE HILLS SHIRE COUNCIL	DATE: AUG. 2010
	PEDESTRIAN RAMPS	DRAWING No.: SD.30



PAVEMENT CONNECTION DETAIL

N.T.S.

NOTES

1. PAVEMENT DETAILS ARE PRELIMINARY ONLY. THE PAVEMENT DESIGN, BASED ON SITE CBR TESTING, MUST BE CONFIRMED BY A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER.
2. FOR RURAL ROAD CONNECTIONS THE BASE LAYER MUST TIE IN TO EXISTING, AND THE ASPHALTIC CONCRETE OVERLAP SHOWN MUST BE REPLACED WITH A TWO COAT SEAL.
3. MINIMUM PAVEMENT THICKNESS TO BE 300mm, CONSISTING OF 150mm THICK SUB-BASE AND 150mm THICK BASE. PAVEMENT THICKNESS IS SUBJECT TO SITE SPECIFIC PAVEMENT DESIGN PREPARED BY A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER AND APPROVED BY COUNCIL'S ENGINEERS.

THE HILLS Sydney's Garden Shire	THE HILLS SHIRE COUNCIL	DATE: DEC. 2019
	PAVEMENT CONNECTION DETAIL	DRAWING No.: SD.51

#				
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P03	PRELIMINARY	LD	12.06.25	01
P02	PRELIMINARY	KW	03.06.25	01
P01	PRELIMINARY	KW	19.02.25	01
Issue	Last revision title	By	Date	Status

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate 4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN KW	DATE 07.07.25
CHECKED SH	DATE 07.07.25
DESIGNED KW	DATE 07.07.25
VERIFIED SH	DATE 07.07.25
APPROVED SH	DATE 07.07.25

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Scales

Client: ARADA

Architect: TURNER

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Web: www.sgce.com.au
A.B.N. 21 118 222 530

PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Grid	Datum	Sheet
-	A.H.D.	18

Status: ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title: DETAIL SHEET
SHEET 09

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C409	B

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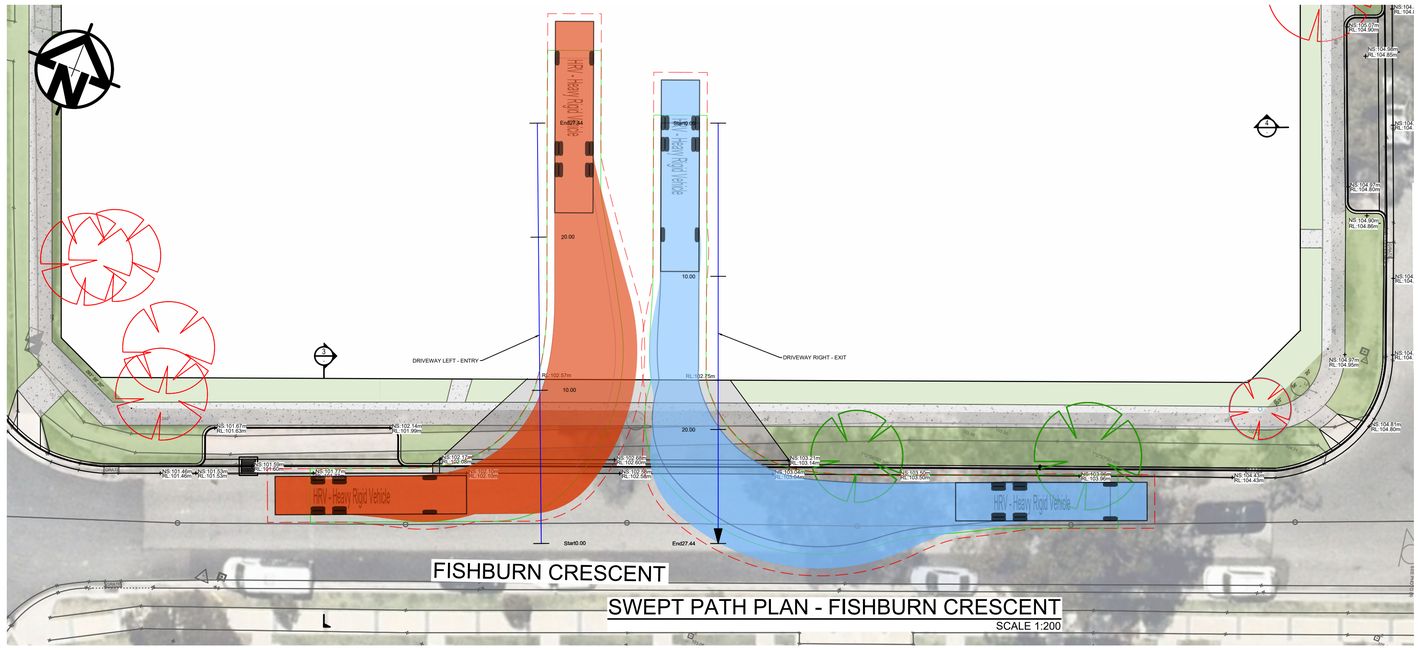
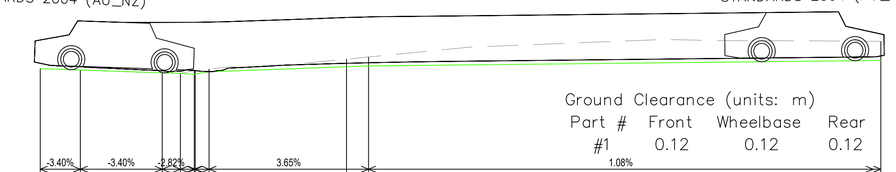


SWEPT PATH PLAN - FISHBURN CRESCENT
SCALE 1:200

B99 STANDARDS 2004 (AU_NZ)

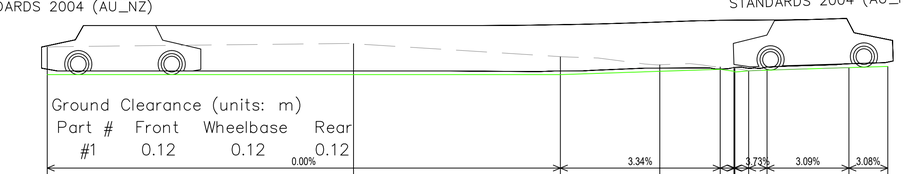


R.L. 98.200

DESIGN SURFACE LEVEL ALONG ALIGNMENT	102.482	102.438	102.347	102.330	102.290	102.315	102.380	102.544	102.570	102.670	102.750
EXISTING SURFACE LEVEL ALONG RW 01	102.438	102.347	102.330	102.419	102.424	102.468	102.794	102.864	103.421	103.374

ROAD LONGITUDINAL SECTION ALONG DRIVEWAY LEFT - ENTRY
SCALE H:1in100 V:1in100
DRIVEWAY LEFT - ENTRY

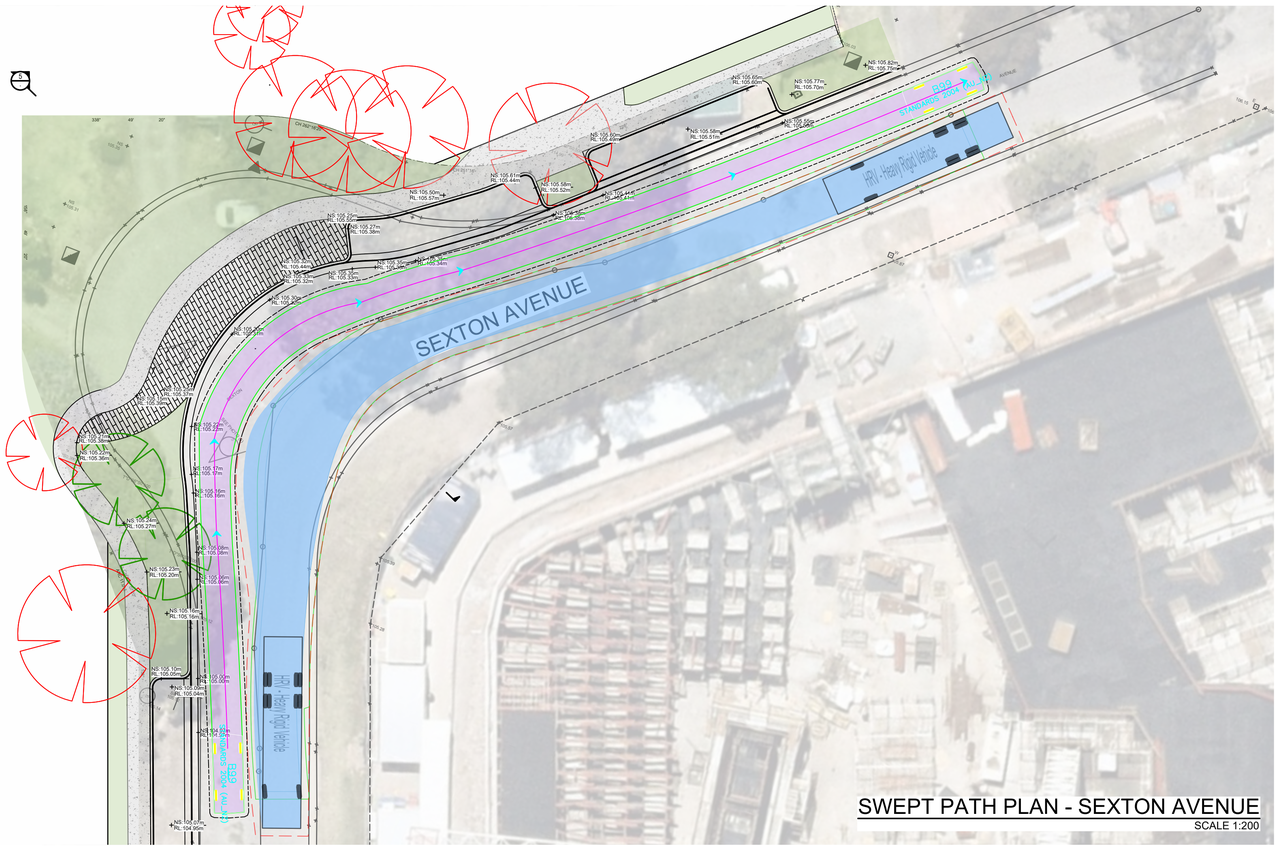
B99 STANDARDS 2004 (AU_NZ)



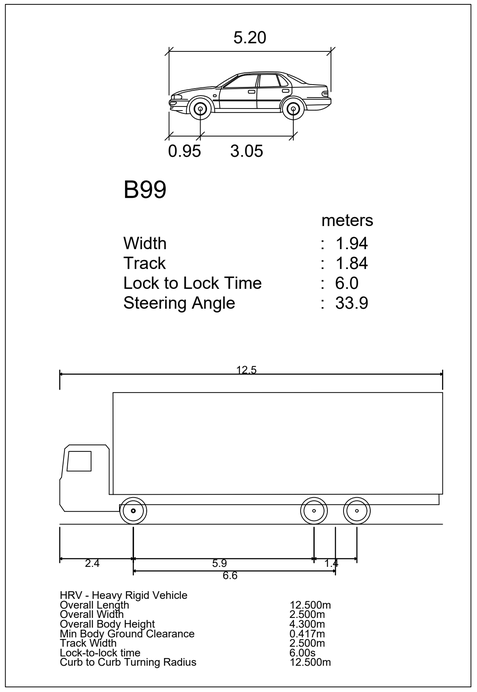
R.L. 98.700

DESIGN SURFACE LEVEL ALONG ALIGNMENT	102.750	102.750	102.750	102.858	102.924	102.859	102.834	102.874	102.897	102.979	103.018
EXISTING SURFACE LEVEL ALONG RW 01	103.653	103.759	103.338	103.073	103.000	102.968	102.963	102.874	102.897	102.979

ROAD LONGITUDINAL SECTION ALONG DRIVEWAY RIGHT EXIT
SCALE H:1in100 V:1in100
DRIVEWAY RIGHT EXIT



SWEPT PATH PLAN - SEXTON AVENUE
SCALE 1:200



Issue	Last revision title	By	Date	Status
D	ISSUED FOR SSDA	LD	08.09.25	02
C	ISSUED FOR SSDA	LD	02.09.25	02
B	ISSUED FOR SSDA	LD	07.07.25	02
A	ISSUED FOR DA	LD	13.06.25	02
P03	PRELIMINARY	LD	12.06.25	01
P02	PRELIMINARY	LD	03.06.25	01
P01	PRELIMINARY	KW	19.02.25	01

Issuer internal sequence and revision history
1-preliminary 2-development application 3-construction certificate
4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Quality Control

DRAWN	DATE
KW	08.09.25
CHECKED	DATE
SH	08.09.25
DESIGNED	DATE
KW	08.09.25
VERIFIED	DATE
SH	08.09.25
APPROVED	DATE
SH	08.09.25

ENGINEERS AUSTRALIA
Chartered Professional Engineer
MEMBER

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Scales
0m 2 4 6 8 10
SCALE 1:200 ON ORIGINAL SIZE

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PROJECT
2 FISHBURN CRESCENT
CASTLE HILL
ROAD & DRAINAGE DESIGN

Status
ISSUED FOR DA
NOT FOR CONSTRUCTION

Drawing Title
SWEPT PATH PLAN

Grid	Datum	Sheet
-	A.H.D.	19

Project No.	Set No. - Drg No.	Revision No.
20240122	S02-C701	D

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