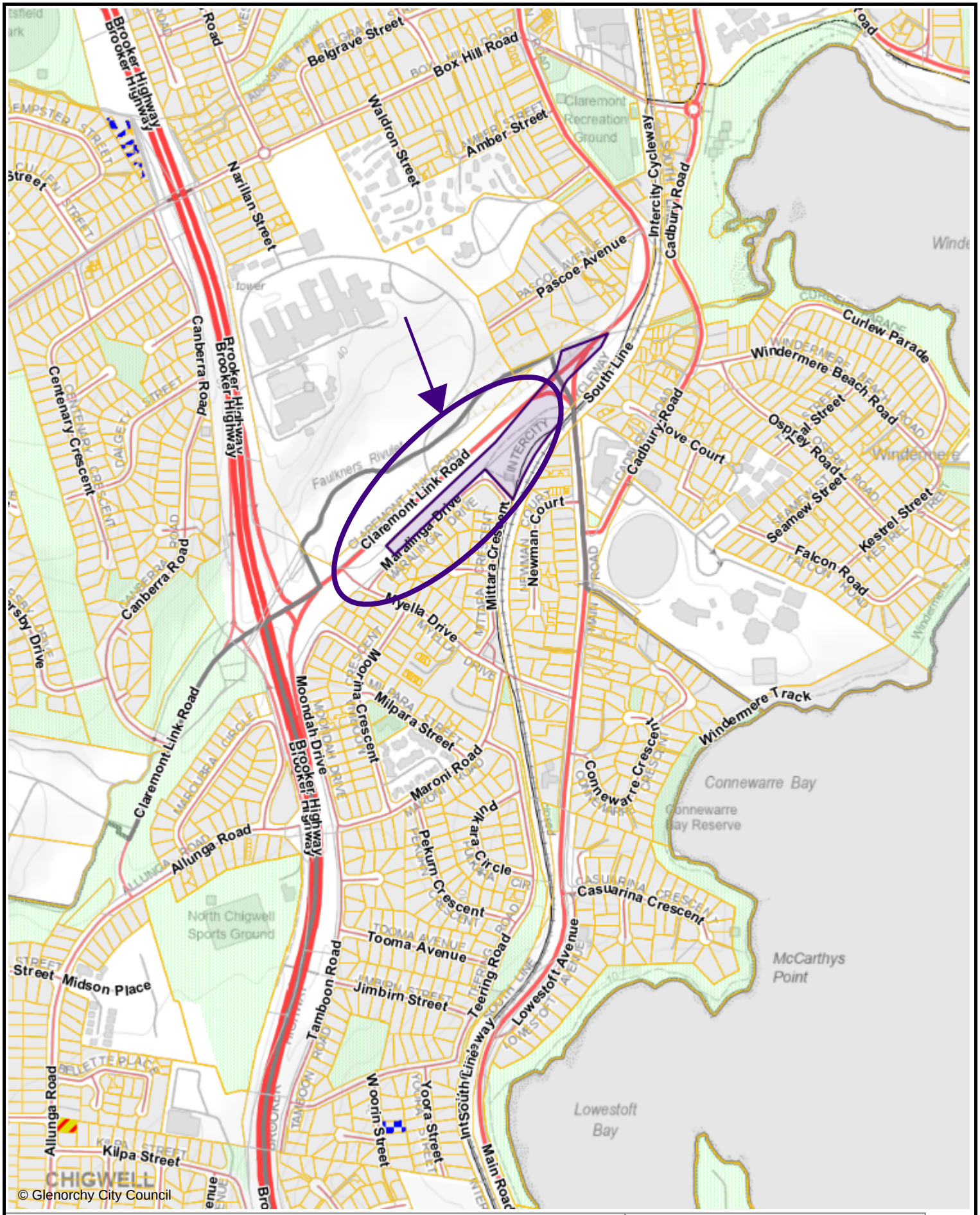
GLENORCHY PLANNING AUTHORITY
ATTACHMENTS
MONDAY, 16 JUNE 2025

TABLE OF CONTENTS:

PLANNING

5. PROPOSED USE AND DEVELOPMENT – PARK AND RIDE FACILITY WITH SIGNAGE (TRANSPORT DEPOT AND DISTRIBUTION) WITH WORKS AT 61 CLAREMONT LINK ROAD AND CLAREMONT LINK ROAD, CLAREMONT, MARALINGA DRIVE AND MAIN ROAD, BERRIEDALE, MAIN ROAD, GRANTON

1: GPA Attachment – 61 Claremont Link Road, Claremont and Maralinga Drive, Berriedale and Main Road, Granton ……. 2



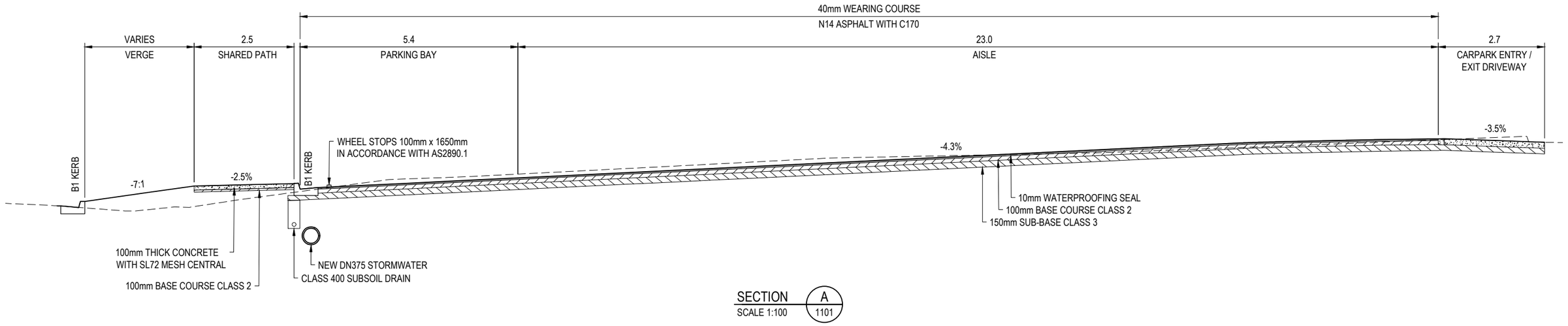
61 Claremont Link Road and Claremont Link Road, Claremont, Maralinga Drive and Main Road, Berriedale, Main Road Granton

5-Jun-2025

N

200 m

Document Set ID: 3496242
Version: 1, Version Date: 05/06/2025



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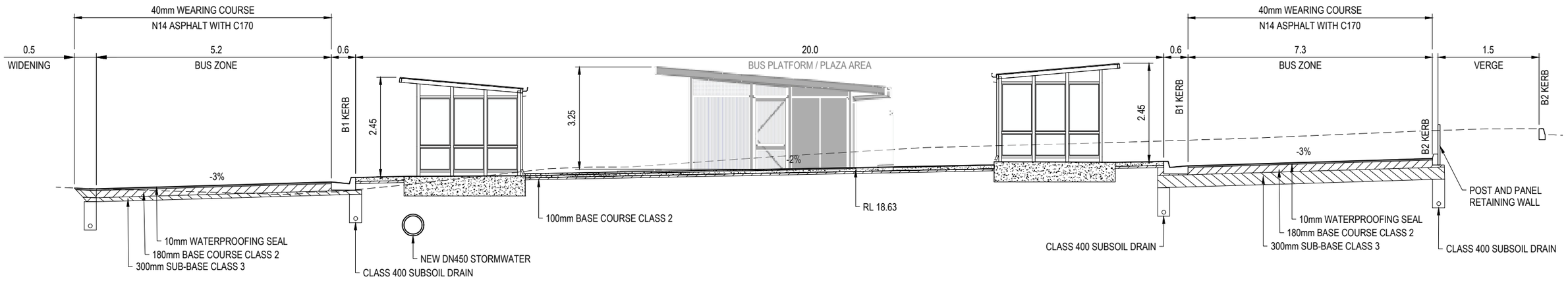

SECTION B
SCALE 1:100
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No.	Amendment Description	Initials	Date
A3 original	This sheet may be prepared using colour and may be incomplete if copied		

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1 0 1 2 3 4
SCALE IN METRES - 1:100

Co-ordinate System: MGA-Z55 GDA20 Height Datum: A.H.D.

pitt&sherry
Tasmanian Government

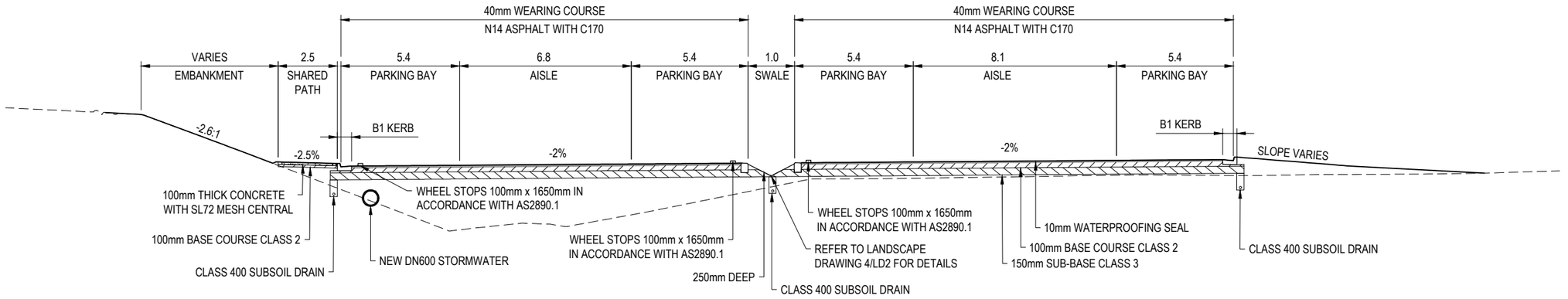
DESIGNED G.M.
REVIEWED F.J.

Department of State Growth
GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD) ROADWORKS
TYPICAL SECTIONS AND DETAILS - DRG 1

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1031	06-May-25, 10:37 AM	1031

REGISTRATION NUMBER
AXXXX.011

REVISION



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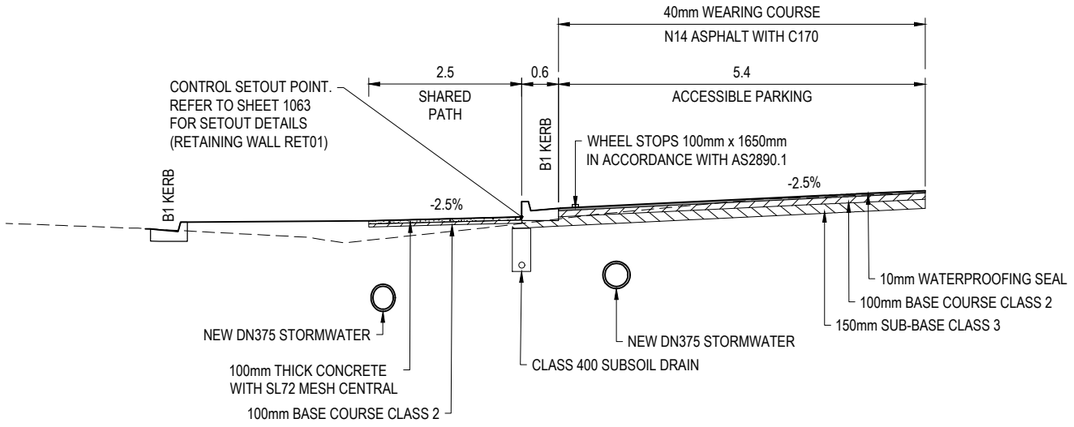

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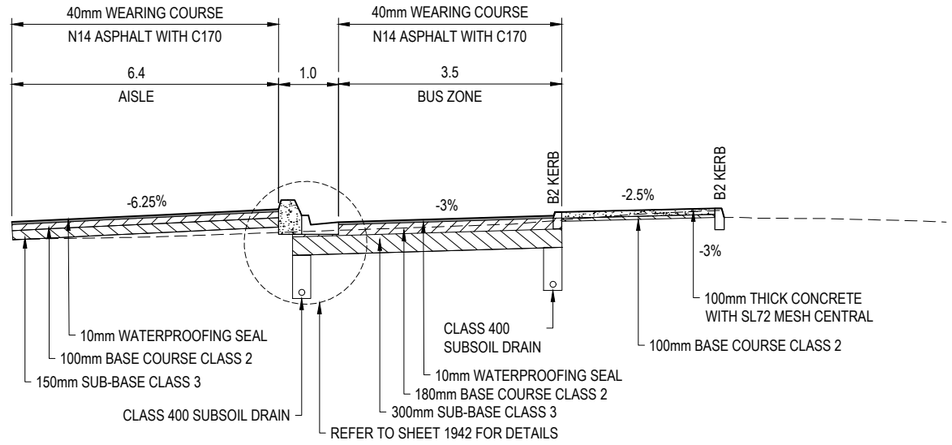

SECTION E
SCALE 1:100
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No.	Amendment Description	Initials	Date
A3 original	This sheet may be prepared using colour and may be incomplete if copied		

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SCALE IN METRES - 1:100

Co-ordinate System: MGA-Z55 GDA20 Height Datum: A.H.D.

pitt&sherry
Tasmanian Government

DESIGNED G.M.
REVIEWED F.J.

Department of State Growth
GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD) ROADWORKS
TYPICAL SECTIONS AND DETAILS - DRG 2

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1032	06-May-25, 10:39 AM	1032

REGISTRATION NUMBER
AXXXX.011

REVISION

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 12 May 2025

◄ CHIGWELL

CLAREMONT ►

'CLAREMONT COLLEGE'
ID: 2191752
TITLE: 139075/1
61 CLAREMONT LINK RD
CLAREMONT TAS 7011

EXISTING PAVEMENT MARKING TO REMAIN

MATCH INTO EXISTING FORMATION

FOOTPATH

RETAINING WALL RET01 REFER TO SHEET 1281 FOR PROFILE. REFER TO STR-DRG-1942 FOR DETAILS.

FOR BUS SHELTER DETAILS REFER TO DEPARTMENT OF STATE GROWTH STD DRG SD-087-026-0

LIMIT OF WORKS

CLAREMONT LINK ROAD

DESIGN LINE: MC01

JOINS - SHEET 1102

EXISTING PAVEMENT MARKING TO REINSTATED

MYELLA DRIVE

3 DDA COMPLIANT CAR SPACES

EXISTING TREE TO BE REMOVED

100mm WIDE HEELSAFE ANTI-SLIP GRATE STAINLESS STEEL EGDE RAIL CHANNEL SYSTEM TO BE PROVIDED BEHIND KERB RAMP

DROP OFF / PICK UP ZONE

REFER ARCHITECTURAL DRGS FOR AMENITIES BUILDING DETAILS

EXISTING ACCESS RAMP TO BE MODIFIED TO ALIGN WITH NEW KERB

6 MOTORCYCLE PARKING SPACES

EXISTING PATH TO BE REMOVED

FLAT TOP HUMP REFER TO LGAT STD DRG TSD-R21-v3

MARALINGA DRIVE

2.5m WIDE SHARED USE PATH

MOTORCYCLE LOCKING RAIL REFER TO STRUCTURAL DRG SET SHEET 1945

REMOVE EXISTING SEWER PIT

RETAINING WALL RET02 REFER SHEET1282 FOR PROFILE. REFER TO STR-DRG-1942 FOR DETAILS.

ID: 5337147
TITLE: 54619/9
18 MYELLA DR
BERRIEDALE TAS 7011

ID: 5337139
TITLE: 54619/10
16 MYELLA DR
BERRIEDALE TAS 7011

ID: 5337155
TITLE: 60510/10
17 MYELLA DR
BERRIEDALE TAS 7011

ID: 5332127
TITLE: 60510/11
1 MARALINGA DR
BERRIEDALE TAS 7011

ID: 9113159
TITLE: 176535/13
U1/3 MARALINGA DR
BERRIEDALE TAS 7011

ID: 5332100
TITLE: 60510/13
5 MARALINGA DR
BERRIEDALE TAS 7011

ID: 5332098
TITLE: 60510/14
7 MARALINGA DR
BERRIEDALE TAS 7011

NOTES:
1. FOR KERB RAMP AND TGIS REFER TO GENERAL NOTES SHEET 1041.
2. FOR DRIVEWAYS REFER TO GENERAL NOTES SHEET 1041.

BEFORE YOU DIG www.byda.com.au Zero Damage - Zero Harm

PRINT IN COLOUR

No.	Amendment Description	Initials	Date
0	REMOVAL OF PROPRIETY PRODUCTS	F.J.	31/01/2025

A3 original | This sheet may be prepared using colour and may be incomplete if copied

SCALES
1:500
5 0 5 10 15 20
SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 | Height Datum: A.H.D.

pitt&sherry | Tasmanian Government

DESIGNED G.M.
REVIEWED F.J.

Department of State Growth
GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD) ROADWORKS
GENERAL ARRANGEMENT - DRG 1

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1101	06-May-25, 11:36 AM	1101

REGISTRATION NUMBER
AXXXX.011

REVISION 0

NC
1.
2.

BEFORE YOU DIG www.byda.com.au Zero Damage - Zero Harm

◄ CHIGWELL

CLAREMONT ►

'CLAREMONT COLLEGE'
ID: 2191752
TITLE: 139075/1
61 CLAREMONT LINK RD
CLAREMONT TAS 7011

'CLAREMONT COLLEGE'
ID: 2191752
TITLE: 139075/1
61 CLAREMONT LINK RD
CLAREMONT TAS 7011

CLAREMONT LINK ROAD
DESIGN LINE: MC01

COLLEGE ACCESS RD
DESIGN LINE: MC02

MARALINGA DRIVE

JOINS - SHEET 1101

JOINS - SHEET 1103

EXISTING BARRIER TO BE RETAINED

RELOCATE GATES TO CH60

RELOCATED GATES

CONNECT TO EXISTING BARRIER

RELOCATED W-BEAM BARRIER

REMOVE EXISTING BARRIER

INSTALL TL2 G.R.E.A.T. TERMINATING AT CH.28

EXISTING TRAFFIC ISLANDS TO BE REMOVED

EXISTING TRAFFIC ISLANDS TO BE REMOVED

FOR BUS SHELTER DETAILS REFER DEPARTMENT OF STATE GROWTH STD DRG SD-087-026-0. REFER TO DRG-1052 FOR PLINTH AND TACTILE LOCATIONS AND DETAILS.

PROVIDE PLANT PROTECTION FENCE (PPF) TO PROTECT POPLAR TREE ROOTS DURING EXCAVATION AND ACCESS IN THIS AREA. USE BOULDERS NOT FILL ADJACENT PEDESTRIAN PATH TO LIMIT SOIL OVER ROOTS OF TREE. REFER TO LANDSCAPE DRAWINGS L01-SHEET 3 FOR LOCATION AND 2/LD1 FOR TYPE.

100mm WIDE HEELSAFE ANTI-SLIP GRATE STAINLESS STEEL EGDE RAIL CHANNEL SYSTEM TO BE PROVIDED BEHIND KERB RAMP

EXISTING WRSB TO BE REMOVED

MOTORCYCLE LOCKING RAIL
REFER STRUCTURAL SHEET 1945

EXISTING SAFETY BARRIER TO BE REMOVED

6 MOTORCYCLE PARKING SPACES

3 DDA COMPLIANT CAR SPACES

REFER ARCHITECTURAL DRGS FOR AMENITIES BUILDING DETAILS

FLAT TOP HUMP IN ACCORDANCE WITH LGAT STD DWG TSG-R21-v3

RETAIN EXISTING KERB RAMP

RETAINING WALL RET03 REFER TO SHEET 1283 FOR PROFILE. REFER TO STR-DRG-1943 AND 1944 FOR POST AND PANEL DETAILS.

FOR BUS SHELTER DETAILS REFER DEPARTMENT OF STATE GROWTH STD DRG SD-087-026-0. REFER TO DRG-1052 FOR PLINTH AND TACTILE LOCATIONS AND DETAILS.

RETAINING WALL RET04 REFER TO SHEET 1284 FOR PROFILE. REFER TO STR-DRG-1943 AND 1944 FOR POST AND PANEL DETAILS.

ID: 5332098
TITLE: 60510/14
7 MARALINGA DR
BERRIEDALE TAS 7011

ID: 5332071
TITLE: 60510/15
9 MARALINGA DR
BERRIEDALE TAS 7011

ID: 5332063
TITLE: 60510/15
11 MARALINGA DR
BERRIEDALE TAS 7011

ID: 5332055
TITLE: 60510/17
13 MARALINGA DR
BERRIEDALE TAS 7011

ID: 5332047
TITLE: 63666/18
15 MARALINGA DR
BERRIEDALE TAS 7011

ID: 5332039
TITLE: 63666/19
17 MARALINGA DR
BERRIEDALE TAS 7011

ID: 5332020
TITLE: 15856/1
19 MARALINGA DR
BERRIEDALE TAS 7011

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No.	Amendment Description	Initials	Date
0	REMOVAL OF PROPRIETY PRODUCTS	F.J.	31/01/2025

A3 original | This sheet may be prepared using colour and may be incomplete if copied

SCALES
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5 0 5 10 15 20
SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 | Height Datum: A.H.D.

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DESIGNED G.M.
REVIEWED F.J.

Department of State Growth

GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD) ROADWORKS

GENERAL ARRANGEMENT - DRG 2

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1102	08-May-25, 9:51 AM	1102

REGISTRATION NUMBER
AXXXX.011

REVISION 0

BEFORE YOU DIG www.byda.com.au Zero Damage - Zero Harm

NO
1.
2.

◄ CHIGWELL

REMOVE EXISTING WRSB
FOOTPATH
INSTALL TL-3 G.R.E.A.T TERMINATING AT CH.275.5 (MC01)
MATCH INTO EXISTING FOOTPATH
EXISTING WRSB TO BE REPLACED WITH TL-3 FLEXIBLE W-BEAM
MATCH INTO EXISTING FORMATION AT CH.356.7 (MC01)
PROVIDE PLANT PROTECTION FENCE (PPF) TO PROTECT PINE TREE ROOTS DURING EXCAVATION AND ACCESS IN THIS AREA. USE BOULDERS NOT FILL ADJACENT PEDESTRIAN PATH TO LIMIT SOIL OVER ROOTS OF TREE. REFER TO LANDSCAPE DRAWINGS L01-SHEET 6 FOR LOCATION.

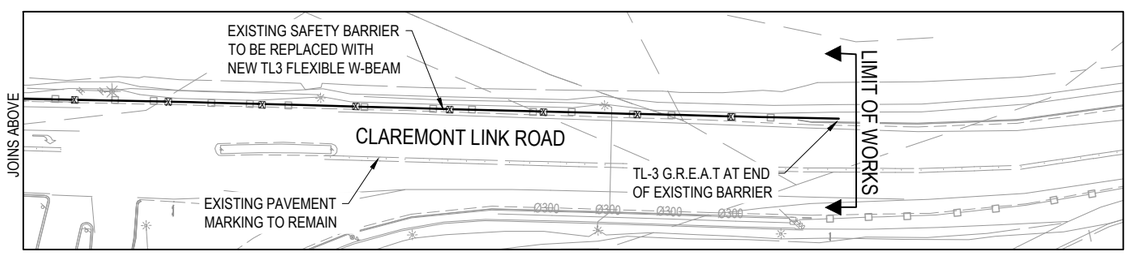
CLAREMONT ►

CLAREMONT LINK ROAD
DESIGN LINE: MC01

JOINS - SHEET 1102

REMOVE EXISTING BARRIER
INSTALL TL-3 G.R.E.A.T TERMINATING AT CH.276.8 (MC01)
NEW BARRIER TO TIE INTO EXISTING AT CH.323.5 (MC01)
EXISTING BARRIER TO REMAIN
EXISTING PAVEMENT MARKING TO REMAIN
2.5m WIDE SHARED USE PATH
PEDESTRIAN FENCE TYPE HRM HANDRAIL LGAT STD DRG TSD-R35-v3
EXISTING TREE TO BE REMOVED
EXISTING FOOTPATH TO BE REMOVED
PEDESTRIAN FENCE TYPE HRM HANDRAIL LGAT STD DRG TSD-R35-v3
INSTALL M1 KERB WITH GUTTER ADJUST TO SUIT 0.3% GRADE TO KERB BREAK AT THE MIDDLE POINT FOR STRAIGHT PORTION OF THIS SIDE REFER TO DRAINAGE PLAN FOR DETAILS
RETAINING WALL RET05 REFER TO SHEET 1285 AND NOTES 1 TO 4 FOR DETAILS
BIO-RETENTION BASIN REFER TO SHEET 1251 FOR DETAILS
1.8m CHAINWIRE FENCE TYPE A - REFER TO DEPARTMENT OF STATE GROWTH STD DRG 3402-15/P8 FOR DETAILS
PEDESTRIAN FENCE REFER TO LGAT TSD-R35-v3
RETAINING WALL RET06 REFER TO SHEET 1286 FOR PROFILE. REFER TO STR-DRG-1943 AND 1944 FOR POST AND PANEL DETAILS.
REFER TO LANDSCAPE DRAWINGS L02-SHEET 6 FOR DETAILS
MATCH NEW PATH INTO EXISTING
INSTALL LOCKABLE GATE
EXISTING TREE TO BE REMOVED
RELOCATED EXISTING PICNIC SHELTER REFER TO STRUCTURAL DRG SET SHEET 1940
EXISTING PICNIC SHELTER TO BE RELOCATED
MITTARA CRESCENT
JOINS - SHEET 1102

INSET
SCALE 1:1000



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No.	Amendment Description	Initials	Date

A3 original | This sheet may be prepared using colour and may be incomplete if copied

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SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 | Height Datum: A.H.D.

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DESIGNED G.M.
REVIEWED F.J.

Department of State Growth
GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD)
ROADWORKS

GENERAL ARRANGEMENT - DRG 3

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1103	06-May-25, 11:38 AM	1103

REGISTRATION NUMBER
AXXXX.011

REVISION

◄ CHIGWELL

CLAREMONT ►

SHARED PATH REFER TO LGAT STD DRG TSD-R11-v3

KERB RAMPS AS PER LGAT STD DRG TSD-R18-v3

CLAREMONT LINK ROAD

DESIGN LINE: MC01

MYELLA DRIVE

MARALINGA DRIVE

DRIVEWAYS AS PER LGAT STD DRG TSD-R09-v2

JOINS - SHEET 1302

NOTES:

1. REFER TO SHEET 1311 FOR PAVEMENT DETAILS.
2. A MINIMUM PAVEMENT THICKNESS OF 380MM IS TO BE MAINTAINED THROUGHOUT THE CLAREMONT LINK ROAD RESHEETING. FULL DEPTH RECONSTRUCTION MAY BE REQUIRED, AS DIRECTED BY THE CONTRACT ADMINISTRATOR.

LEGEND

- BUS DROP OFF / PICK UP
- NEW SHARED PATH
- ASPHALT
- LANDSCAPING
- CONCRETE INFILL
- MILL AND REPLACE EX PAVEMENT
- FULL DEPTH PAVEMENT RECONSTRUCTION

PRINT IN COLOUR

No.	Amendment Description	Initials	Date
A3 original	This sheet may be prepared using colour and may be incomplete if copied		

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SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 Height Datum: A.H.D.

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Tasmanian Government

DESIGNED G.M.
REVIEWED F.J.

Department of State Growth

GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD)
ROADWORKS

PAVEMENT PLAN - DRG 1

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1301	06-May-25, 11:27 AM	1301

REGISTRATION NUMBER
AXXXX.011

REVISION

◄ CHIGWELL

CLAREMONT ►

JOINS - SHEET 1301

JOINS - SHEET 1303

CLAREMONT LINK ROAD
DESIGN LINE: MC01

COLLEGE ACCESS RD
DESIGN LINE: MC02

MARALINGA DRIVE

KERB RAMPS AS PER LGAT
STD DRG TSD-R18-v3

REFER TO LANDSCAPE
DRAWINGS FOR SURFACE
TREATMENT

DRIVEWAYS AS PER LGAT
STD DRG TSD-R09-v2

LEGEND
- BUS DROP OFF / PICK UP
- NEW SHARED PATH
- ASPHALT
- LANDSCAPING
- CONCRETE INFILL
- MILL AND REPLACE EX PAVEMENT
- FULL DEPTH PAVEMENT RECONSTRUCTION

PRINT IN COLOUR

NOTES:

1. REFER TO SHEET 1311 FOR PAVEMENT DETAILS.
2. A MINIMUM PAVEMENT THICKNESS OF 380MM IS TO BE MAINTAINED THROUGHOUT THE CLAREMONT LINK ROAD RESHEETING. FULL DEPTH RECONSTRUCTION MAY BE REQUIRED, AS DIRECTED BY THE CONTRACT ADMINISTRATOR.

No.	Amendment Description	Initials	Date

A3 original | This sheet may be prepared using colour and may be incomplete if copied

SCALES
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SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 | Height Datum: A.H.D.

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DESIGNED G.M.
REVIEWED F.J.

Department of State Growth
GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD)
ROADWORKS

PAVEMENT PLAN - DRG 2

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1302	06-May-25, 11:23 AM	1302

REGISTRATION NUMBER
AXXXX.011

REVISION

◄ CHIGWELL

KERB RAMPS AS PER LGAT
STD DRG TSD-R18-v3

JOINS - SHEET 1302

CLAREMONT LINK ROAD
DESIGN LINE: MC01

MITTARA CRESCENT

SHARED PATH REFER TO
LGAT STD DRG TSD-R11-v3

SPM8267

LEGEND
- BUS DROP OFF / PICK UP
- NEW SHARED PATH
- ASPHALT
- LANDSCAPING
- CONCRETE INFILL
- MILL AND REPLACE EX PAVEMENT
- FULL DEPTH PAVEMENT RECONSTRUCTION

NOTES:

1. REFER TO SHEET 1311 FOR PAVEMENT DETAILS.
2. A MINIMUM PAVEMENT THICKNESS OF 380MM IS TO BE MAINTAINED THROUGHOUT THE CLAREMONT LINK ROAD RESHEETING. FULL DEPTH RECONSTRUCTION MAY BE REQUIRED, AS DIRECTED BY THE CONTRACT ADMINISTRATOR.

PRINT IN COLOUR

No.	Amendment Description	Initials	Date

A3 original | This sheet may be prepared using colour and may be incomplete if copied

SCALES
1:500
5 0 5 10 15 20
SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 | Height Datum: A.H.D.

pitt&sherry | Tasmanian Government

DESIGNED G.M.
REVIEWED F.J.

Department of State Growth
GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD)
ROADWORKS

PAVEMENT PLAN - DRG 3

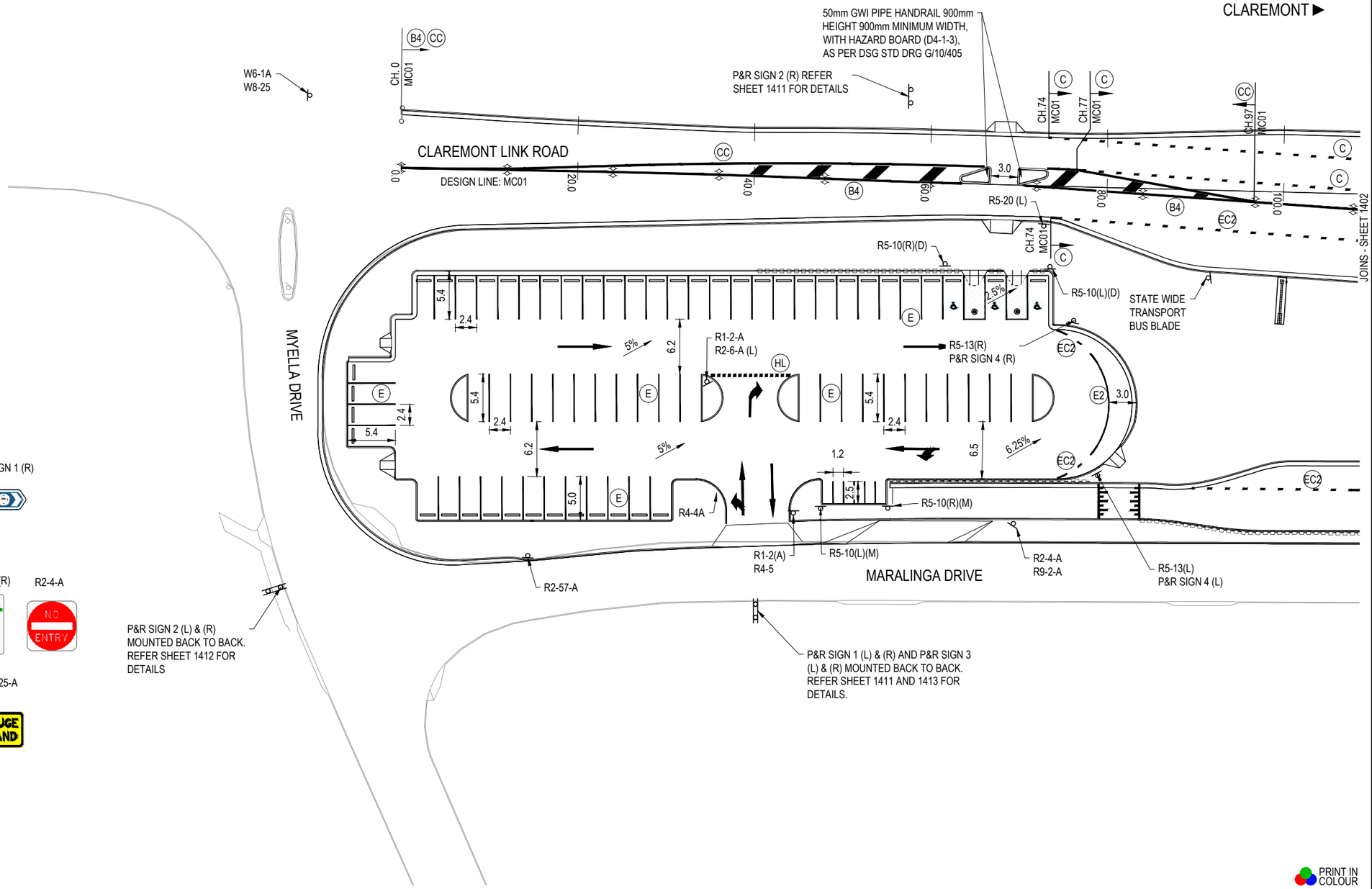
CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1303	06-May-25, 11:23 AM	1303

REGISTRATION NUMBER
AXXXX.011

REVISION

◄ CHIGWELL

CLAREMONT ►



SIGN LEGEND

P&R SIGN 2 (L) — Park and Ride

P&R SIGN 2 (R) — Park and Ride

P&R SIGN 1 (L)

P&R SIGN 1 (R)

P&R SIGN 3 (L) — Drop-Off & Pick-Up Area

P&R SIGN 3 (R) — Drop-Off & Pick-Up Area

R9-2-A — BUSES EXCEPTED

R5-20 (L) — ONE WAY ZONE

R5-10(L)(M) — P MOTOR CYCLES ONLY

R5-10(R)(M) — P MOTOR CYCLES ONLY

R5-10(L)(D) — P ONLY

R5-10(R)(D) — P ONLY

R5-13(L) — P 5 MINUTE

R5-13(R) — P 5 MINUTE

R2-4-A — NO ENTRY

R4-4 — 10 SHARED ZONE

R4-5 — END SHARED ZONE

R1-2-A — GIVE WAY

W6-1-A

W8-25-A — REFUGE ISLAND

D4-1-3

STATE WIDE TRANSPORT BUS BLADE — Bus Stop

R2-6-A (L)

R5-57-A — NO STANDING IN SAFETY RAMP

PRINT IN COLOUR

No.	Amendment Description	Initials	Date

A3 original | This sheet may be prepared using colour and may be incomplete if copied

SCALES
1:500
5 0 5 10 15 20
SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 | Height Datum: A.H.D.

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DESIGNED G.M.
REVIEWED F.J.

Department of State Growth

GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD)
ROADWORKS

SIGNS & LINEMARKING - DRG 1

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1401	06-May-25, 11:40 AM	1401

REGISTRATION NUMBER
AXXXX.011

REVISION

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 12 May 2025

SIGN LEGEND

R5-10(L)(M) R5-10(R)(M) R5-10(L)(D) R5-10(L)(D) R5-20 (R) R2-3-A (L) STATE WIDE TRANSPORT BUS BLADE R2-6-A (L)

R4-4 R4-5 R1-2-A W6-1-A W8-25-A R5-57-A

P&R SIGN 1 (R) P&R SIGN 1 (L)

◄ CHIGWELL

CLAREMONT ►

COLLEGE ACCESS ROAD
DESIGN LINE: MC02

CLAREMONT LINK ROAD
DESIGN LINE: MC01

REMOVE EXISTING KEEP LEFT SIGN
REMOVE EXISTING HAZARD SIGN
REMOVE EXISTING KEEP LEFT SIGN
R1-2-A
REMOVE EXISTING GIVE WAY SIGN
R1-2-A
RELOCATE EXISTING TasTAFE CLAREMONT CAMPUS SIGN AT EXISTING CHAINAGE CLEAR OF WORKS
REMOVE EXISTING GIVE WAY SIGN
W6-1-A W8-25-A
R2-3 (L)
STATE WIDE TRANSPORT BUS BLADE
REMOVE EXISTING KEEP LEFT SIGN
R1-2-A
STATE WIDE TRANSPORT BUS BLADE
W6-1-A W8-25-A
R1-2-A R4-5
P&R SIGN 1 (L) & (R) MOUNTED BACK TO BACK. REFER SHEET 1411 FOR DETAILS
R2-3 (L)
R1-2-A R2-6-A (L)
R5-10(L)(D)
R5-10 (R)(M)
R4-4A
R5-10(R)(D)
R5-10 (L)(M)
R2-57-A
P&R SIGN 1 (R)
R4-4A
R1-2-A R4-5
MARALINGA DRIVE

JOINS - SHEET 1401
JOINS - SHEET 1403

PRINT IN COLOUR

No.	Amendment Description	Initials	Date

A3 original | This sheet may be prepared using colour and may be incomplete if copied

SCALES
1:500
5 0 5 10 15 20
SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 | Height Datum: A.H.D.

pitt&sherry | Tasmanian Government

DESIGNED G.M.
REVIEWED F.J.

Department of State Growth
GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD)
ROADWORKS

SIGNS & LINEMARKING - DRG 2

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1402	08-May-25, 9:45 AM	1402

REGISTRATION NUMBER
AXXXX.011

REVISION

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 12 May 2025

SIGN LEGEND

P&R SIGN 2 (L) | P&R SIGN 1 (R) | D4-1-3 | R2-4A | R4-4 | R4-5 | R1-2-A

Intercity Cycleway 0.1
Claremont College 0.4
REFER SHEET 1415 FOR DETAILS

◄ CHIGWELL

CLAREMONT ►

CH.268 MC01

50mm GWI PIPE HANDRAIL 900mm HEIGHT
900mm MINIMUM WIDTH, WITH HAZARD
BOARD, AS PER DSG STD DRG G/10/405
D4-1-3

EXISTING ADVANCED JUNCTION SIGN
TO BE RELOCATED AT EXISTING
CHAINAGE CLEAR OF WORKS

CH.400 MC01

CLAREMONT LINK ROAD
DESIGN LINE: MC01

260.0 280.0 300.0 320.0 340.0 360.7

CH.269 MC01

P&R SIGN 2 (L)

W6-1-A
W8-25-A

RETAIN EXISTING
SPEED SIGN

RETAIN EXISTING
NO ENTRY SIGN

JOINS - SHEET 1402

R2-4A

P&R (R)
SIGN 1

R4-4A

R1-2-A
R4-5

MITTARA CRESCENT

Park and Ride 0.3
Glenorchy 4.5
Moonah 7.0
Hobart 12.5
Claremont 0.8
REFER SHEET 1416 FOR DETAILS

Claremont College 0.3
Glenorchy 4.6
Moonah 7.1
Hobart 12.6
Claremont 0.7
REFER SHEET 1417 FOR DETAILS

PRINT IN COLOUR

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SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 Height Datum: A.H.D.

pitt&sherry | Tasmanian Government

DESIGNED G.M.
REVIEWED F.J.

Department of State Growth

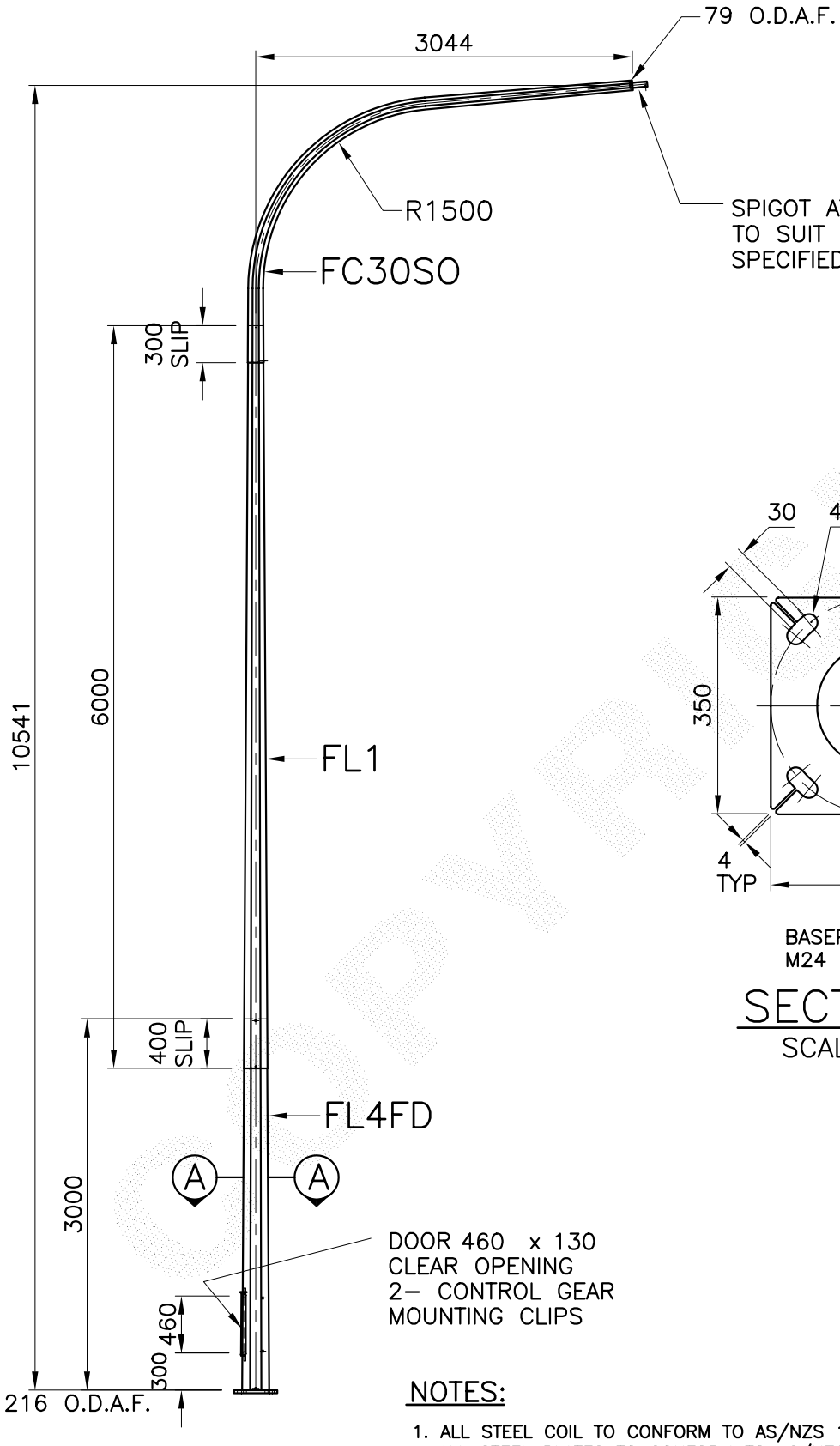
GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD)
ROADWORKS

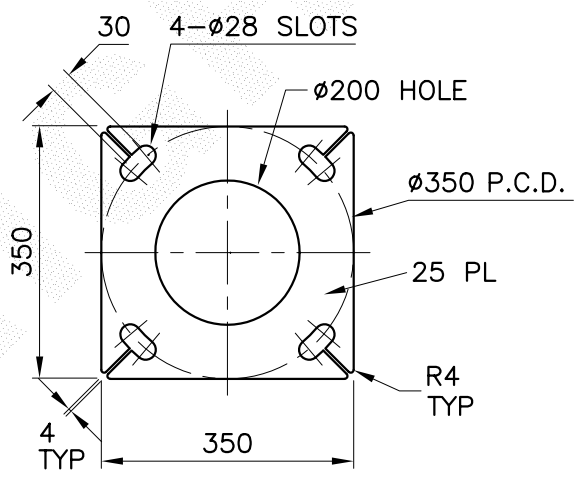
SIGNS & LINEMARKING - DRG 3

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1403	06-May-25, 1:58 PM	1403

REGISTRATION NUMBER
AXXXX.011

REVISION





BASEPLATE FOR 4–
M24 RAGBOLTS

SECTION (A)
SCALE 1:10

NOTES:

1. ALL STEEL COIL TO CONFORM TO AS/NZS 1594 GRADE HU300 U.O.N.
   ALL STEEL PLATES TO CONFORM TO AS/NZS 3678 GRADE 250 U.O.N.
2. ALL STEEL BARS AND SECTIONS TO CONFORM TO AS/NZS 3679 GRADE 250 U.O.N.
3. ALL WELDS TO CONFORM TO AS/NZS 1554 PART 1
4. ALL TAPER LOCK JOINT LENGTHS ARE NOMINAL U.O.N.
5. ALL STEEL TO BE FULLY HOT DIP GALVANIZED AFTER FABRICATION
   IN ACCORDANCE WITH AS/NZS 4680

REV	DATE	DESCRIPTION	BY	CHKD
0	25/11/02	REDRAWN FROM SL 213 & UPDATED	P.B.	PPA

CUSTOMER/PROJECT

DIMENSIONS IN MILLIMETRES
A4
DO NOT SCALE

CHECKED BY PPA
DATE 19/12/02

INGAL EPS

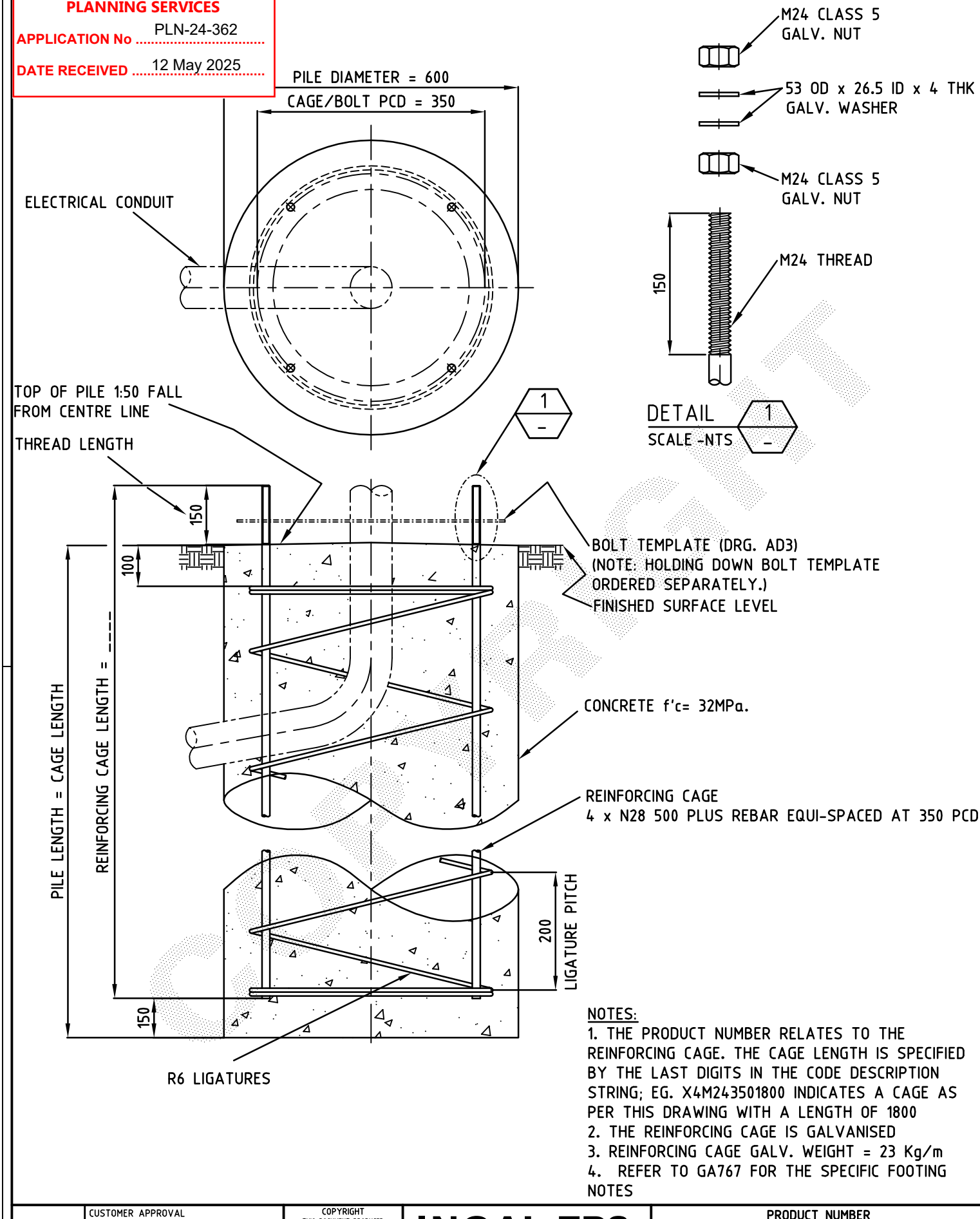
STREET LIGHTING
10.5m, 3m SINGLE OUTREACH FREEWAY
BASEPLATE MOUNTED
RIVERTON DESIGN

DATE 25/11/02
DRAWN BY P. BENTZEN
SCALE 1:50

CATALOGUE NUMBER
SFL105FS030
DRAWING NUMBER
SFL105FS030

CAD FILE No.
Z:\ACAD\STD\FREEWAY\SFL105FS030

FOR GENERAL NOTES APPLICABLE TO THIS DRAWING REFER DRAWING GA1



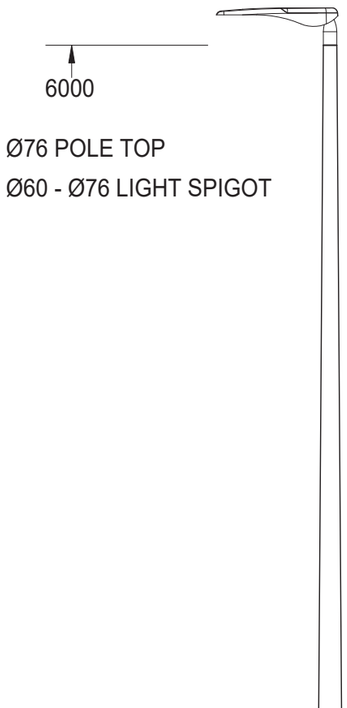
NOTES:
1. THE PRODUCT NUMBER RELATES TO THE REINFORCING CAGE. THE CAGE LENGTH IS SPECIFIED BY THE LAST DIGITS IN THE CODE DESCRIPTION STRING; EG. X4M243501800 INDICATES A CAGE AS PER THIS DRAWING WITH A LENGTH OF 1800
2. THE REINFORCING CAGE IS GALVANISED
3. REINFORCING CAGE GALV. WEIGHT = 23 Kg/m
4. REFER TO GA767 FOR THE SPECIFIC FOOTING NOTES

CUSTOMER APPROVAL DATE	COPYRIGHT THIS DOCUMENT PRODUCED BY INGAL EPS MUST NOT BE COPIED, TRACED, REPRODUCED, OR LENT WITHOUT WRITTEN CONSENT	**INGAL EPS**	PRODUCT NUMBER X4M24350____	
REV / DATE / DESCRIPTION / BY / CHKD 1 11/08/08 FINISHED SURFACE LEVEL ADDED R.S. NUMBERS 2,3 & 4 ADDED TO NOTES 0 23/06/08 ISSUED FOR CONSTRUCTION R.S. CJJ	DIMENSIONS IN MILLIMETRES A4 DO NOT SCALE	PROJECT SERVICE FOOTING 600mm DIAMETER x VARIABLE LENGTH 4 x M24@350 PCD	DRAWING NUMBER GA2582 SHEET NUMBER	
CUSTOMER NAME / PROJECT INGAL EPS STANDARD	CHECKED BY CJJ DATE 23/06/08	DATE 23/06/08 DRAWN BY R. STANLEY	SCALE 1:10	CAD FILE No GA2582

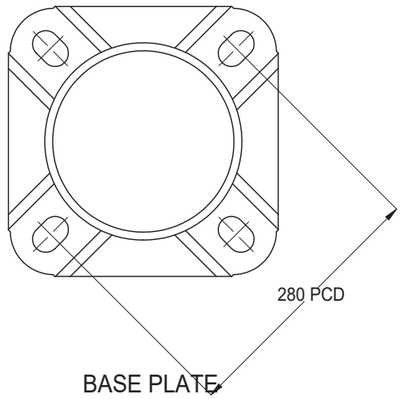
ISSUE	C.O. No.	REVISION	LOCATION	BY	DATE

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 12 May 2025

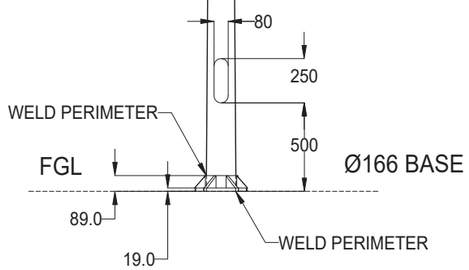
LUMINAIRE
BY OTHERS



Ø76 POLE TOP
Ø60 - Ø76 LIGHT SPIGOT



BASE PLATE
DIE CAST ALUMINIUM
SCALE 5:1



FLUSH HATCH DETAIL

Foundation bolts
M20 @ 280 PCD

NOTE
All poles manufactured in accordance with relevant standards

Pole footings to be engineered by others to suit local environmental and ground conditions.

NOTE
Finish = Powder Coat Satin Black or Clear Anodized 12-15 micron

IP 65 rated electrical enclosures to be used for electrical connections.

All buried components to be coated with **DUREBILD STE** 150 microns

DO NOT SCALE DRAWING
DIMENSIONS IN MILLIMETRES

THIRD ANGLE PROJECTION

DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED
2 PLACE DECIMAL 0.00 ± 0.1mm
1 PLACE DECIMAL 0.0 ± 0.25mm
0 PLACE DECIMAL 0 ± 0.50mm
ANGULAR ± 15 MINUTES (0.25°)

DRAWN BY AC	DATE 29.10.18	DOCUMENT No.
CHECKED BY	DATE	DISC FILE No.
APPROVED BY	DATE	SCALE
QUALITY APPROVED BY	DATE	ISSUE
SHEET		DATE RELEASED
		ITEM No.

Urban Aluminium Pty Ltd
www.urban-al.com.au
info@urban-al.com.au

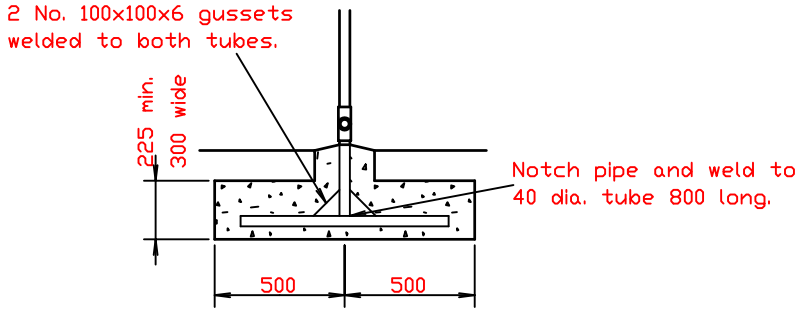
Unit 10, 7 Gundah Rd, Mt Kuring-Gai
NSW 2080 AUSTRALIA
Tel. +612 8921 5400

UrbanAluminium™
FUTURE SMART

TITLE
UA STEM 6000

PROJECT	DRAWING No.
TAPERED POLES	UA-0039
PART No.	SHEET No.

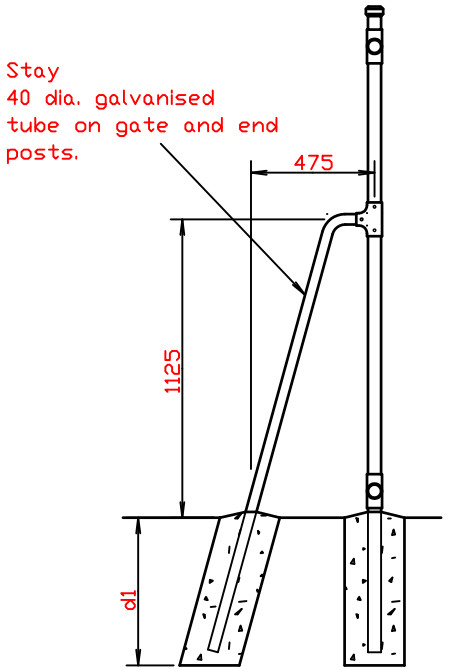
GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 12 May 2025



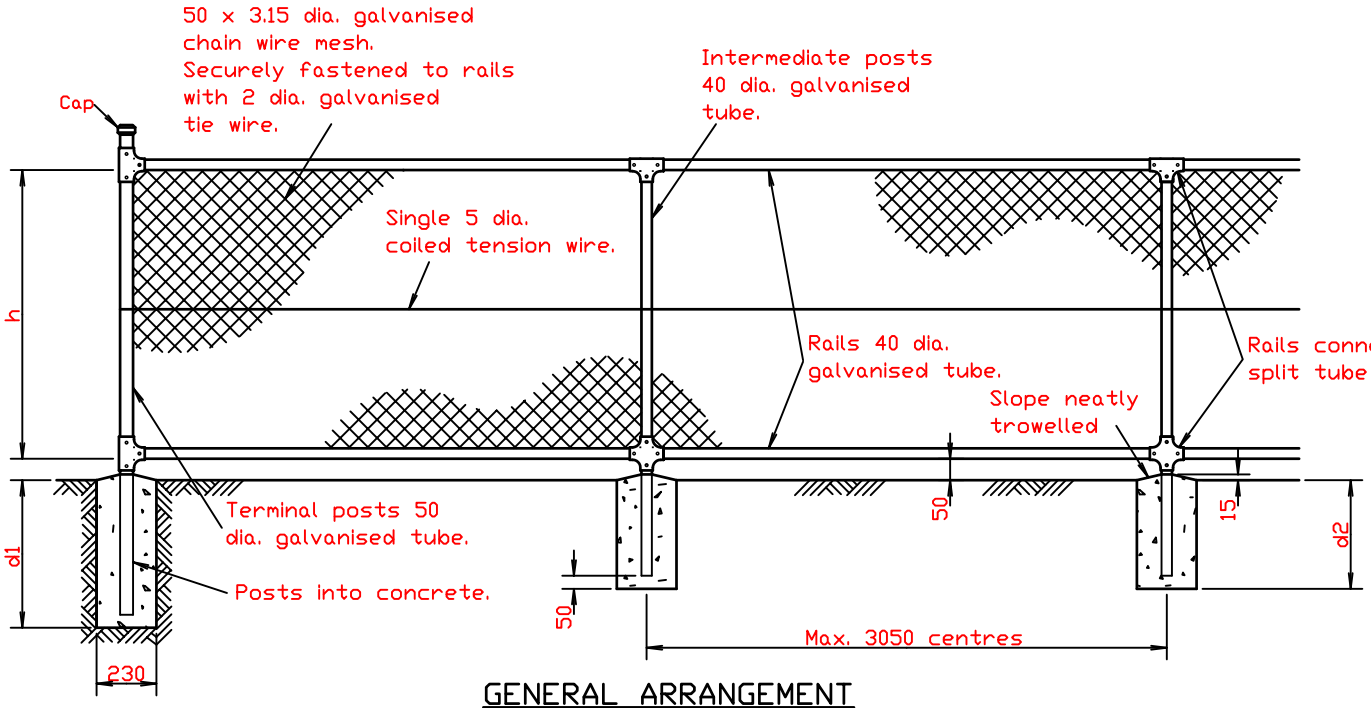
ALTERNATIVE FOOTING DETAIL
(when rock is near surface)

FENCE HEIGHT & FOOTING DEPTH DETAILS

Height - h	900	1200	1800
Depth - d1	600	600	750
Depth - d2	450	450	600



STAY DETAIL
(1800 fence only)



GENERAL ARRANGEMENT

NOTES
1. Oversize footing holes to be completely backfilled with concrete.
2. Grade N25 concrete.

No.	AMENDMENTS	CHECKED	DATE	APPROVED

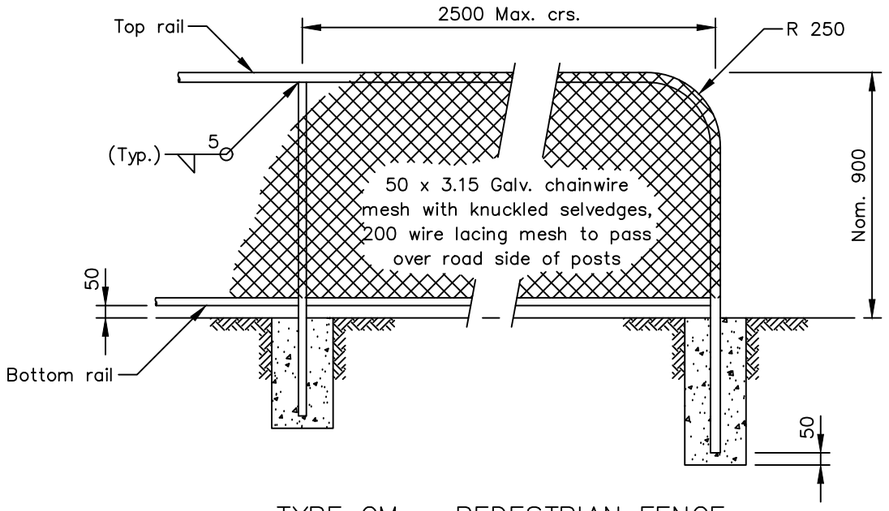
DRAFTING		DESIGN	
DRAWN R.R.W.	DATE	DESIGNED 91 DEC	DATE
CHECKED K. Sams	DATE	RECOMMENDED/CHECKED 20/12/91	DATE
APPROVED R. Wilson 20/12/91	DATE	ACCEPTED	DATE

DEPARTMENT OF INFRASTRUCTURE, ENERGY AND RESOURCES, TASMANIA

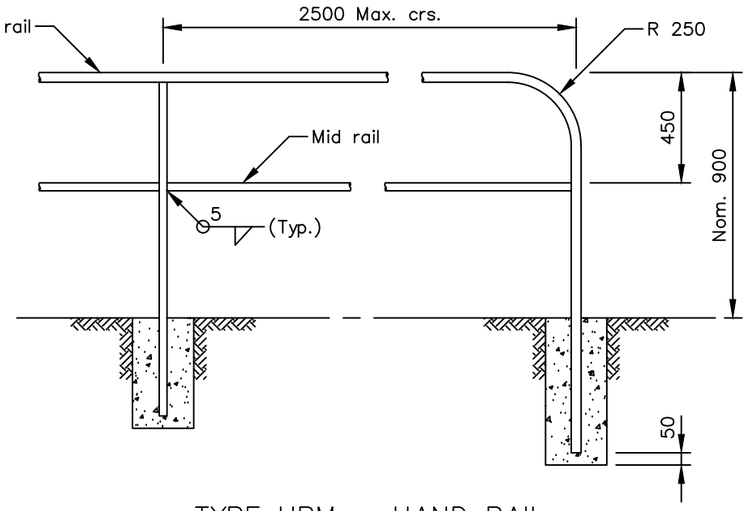
CHAINWIRE FENCE
TYPE 'A'

FROM LINK No. / DISTANCE	TO LINK No. / DISTANCE
CONTRACT No.	SHEET No.

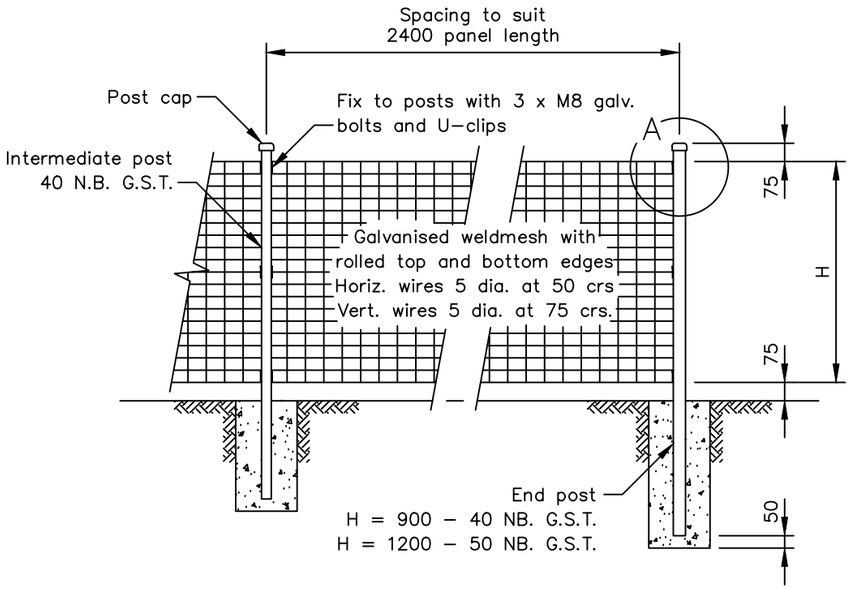
DRG. No. 3402-15/P8



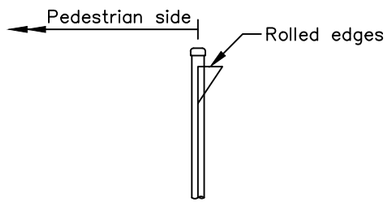
TYPE CM – PEDESTRIAN FENCE



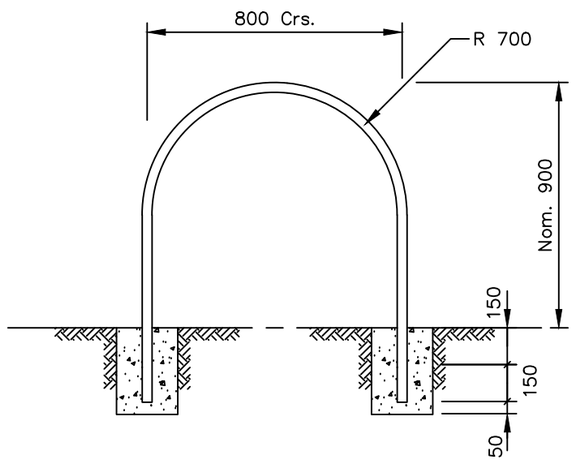
TYPE HRM – HAND RAIL
(TYPE HR – WITHOUT MID RAIL)



TYPE WRT – PEDESTRIAN FENCE
DIMENSION 'H' – SPECIFIED IN PROJECT DRAWINGS (900 / 1200)



DETAIL A



CYCLE REST RAIL

NOTES

1. Posts
   - Top / bottom rails and posts – 40 NB. G.S.T. 2.3 W.T. unless noted.
   - Mid rails and intermediate posts – 32 NB. G.S.T. 2.0 W.T. unless noted.
   - Clean up all welds and remove sharp edges prior to painting with two coats of zinc rich paint.
   - Do not use gavanised split fittings for hand railing in road reserves.
2. Footings
   - All footings – 250mm diameter N20 concrete.
   - End posts – 600mm deep.
   - Intermediate posts – 450mm deep.

SCALES: AS SHOWN
(All scales are correct at A3)

XRef File: TSD-R35-v3.dwg

REFERENCES

TAS Division
IPWEA
INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALASIA

Local Government Association Tasmania

STANDARD DRAWING

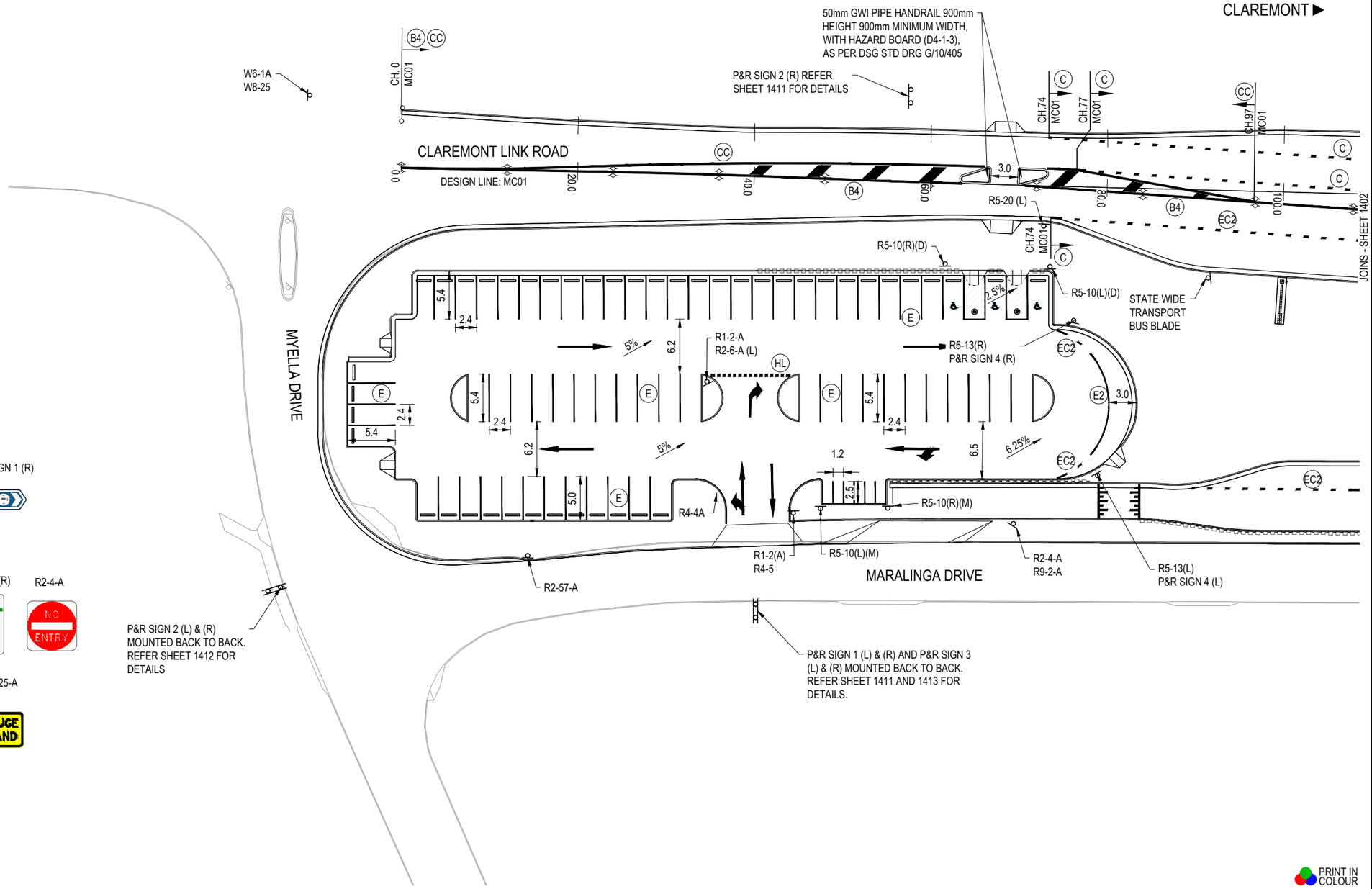
PEDESTRIAN FENCES

GPO Box 1521, Hobart Tasmania 7001 I 326 Macquarie Street, Hobart Tasmania 7000
T: 03 6233 5966 F: 03 6233 5986 Email: admin@lgat.tas.gov.au

ISSUE DATE: 18-09-2020
DWG No. TSD-R35-v3

◄ CHIGWELL

CLAREMONT ►



SIGN LEGEND

P&R SIGN 2 (L) — Park and Ride

P&R SIGN 2 (R) — Park and Ride

P&R SIGN 1 (L)

P&R SIGN 1 (R)

P&R SIGN 3 (L) — Drop-Off & Pick-Up Area

P&R SIGN 3 (R) — Drop-Off & Pick-Up Area

R9-2-A — BUSES EXCEPTED

R5-20 (L) — ONE WAY ZONE

R5-10(L)(M) — P MOTOR CYCLES ONLY

R5-10(R)(M) — P MOTOR CYCLES ONLY

R5-10(L)(D) — P ONLY

R5-10(R)(D) — P ONLY

R5-13(L) — P 5 MINUTE

R5-13(R) — P 5 MINUTE

R2-4-A — NO ENTRY

R4-4 — 10 SHARED ZONE

R4-5 — END SHARED ZONE

R1-2-A — GIVE WAY

W6-1-A

W8-25-A — REFUGE ISLAND

D4-1-3

STATE WIDE TRANSPORT BUS BLADE — Bus Stop

R2-6-A (L)

R5-57-A — NO STANDING IN SAFETY RAMP

PRINT IN COLOUR

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SCALES
1:500
5 0 5 10 15 20
SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 | Height Datum: A.H.D.

pitt&sherry | Tasmanian Government

DESIGNED G.M.
REVIEWED F.J.

Department of State Growth

GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD)
ROADWORKS

SIGNS & LINEMARKING - DRG 1

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1401	06-May-25, 11:40 AM	1401

REGISTRATION NUMBER
AXXXX.011

REVISION

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 12 May 2025

SIGN LEGEND

R5-10(L)(M) R5-10(R)(M) R5-10(L)(D) R5-10(L)(D) R5-20 (R) R2-3-A (L) STATE WIDE TRANSPORT BUS BLADE R2-6-A (L)

R4-4 R4-5 R1-2-A W6-1-A W8-25-A R5-57-A

P&R SIGN 1 (R) P&R SIGN 1 (L)

◄ CHIGWELL

CLAREMONT ►

COLLEGE ACCESS ROAD
DESIGN LINE: MC02

CLAREMONT LINK ROAD
DESIGN LINE: MC01

MARALINGA DRIVE

JOINS - SHEET 1401

JOINS - SHEET 1403

REMOVE EXISTING KEEP LEFT SIGN
REMOVE EXISTING HAZARD SIGN
REMOVE EXISTING KEEP LEFT SIGN
R1-2-A
REMOVE EXISTING GIVE WAY SIGN
R1-2-A
RELOCATE EXISTING TasTAFE CLAREMONT CAMPUS SIGN AT EXISTING CHAINAGE CLEAR OF WORKS
REMOVE EXISTING GIVE WAY SIGN
W6-1-A
W8-25-A
R2-3 (L)
STATE WIDE TRANSPORT BUS BLADE
REMOVE EXISTING KEEP LEFT SIGN
R1-2-A
STATE WIDE TRANSPORT BUS BLADE
W6-1-A
W8-25-A
R1-2-A
R4-5
P&R SIGN 1 (L) & (R) MOUNTED BACK TO BACK. REFER SHEET 1411 FOR DETAILS
R1-2-A
R2-6-A (L)
R2-3 (L)
R2-3 (L)
R4-4A
R5-10 (R)(M)
R5-10(L)(D)
R5-10(R)(D)
R5-10 (L)(M)
R2-57-A
P&R SIGN 1 (R)
R4-4A
R1-2-A
R4-5

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pitt&sherry | Tasmanian Government

DESIGNED G.M.
REVIEWED F.J.

Department of State Growth
GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD)
ROADWORKS

SIGNS & LINEMARKING - DRG 2

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1402	06-May-25, 1:56 PM	1402

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PLANNING SERVICES
APPLICATION No PLN-24-362
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P&R SIGN 2 (L) | P&R SIGN 1 (R) | D4-1-3 | R2-4A | R4-4 | R4-5 | R1-2-A | W6-1-A | W8-25-A

Intercity Cycleway 0.1
Claremont College 0.4
REFER SHEET 1415 FOR DETAILS

◄ CHIGWELL

CLAREMONT ►

CH.268 MC01

50mm GWI PIPE HANDRAIL 900mm HEIGHT
900mm MINIMUM WIDTH, WITH HAZARD
BOARD, AS PER DSG STD DRG G/10/405
D4-1-3

EXISTING ADVANCED JUNCTION SIGN
TO BE RELOCATED AT EXISTING
CHAINAGE CLEAR OF WORKS

CH.400 MC01

CLAREMONT LINK ROAD
DESIGN LINE: MC01

260.0 280.0 300.0 320.0 340.0 356.7

CH.269 MC01

P&R SIGN 2 (L)

W6-1-A
W8-25-A

RETAIN EXISTING
SPEED SIGN

RETAIN EXISTING
NO ENTRY SIGN

JOINS - SHEET 1402

R2-4A

P&R (R)
SIGN 1

R4-4A

R1-2-A
R4-5

MITTARA CRESCENT

Park and Ride 0.3
Glenorchy 4.5
Moonah 7.0
Hobart 12.5
Claremont 0.8
REFER SHEET 1416 FOR DETAILS

Claremont College 0.3
Glenorchy 4.6
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REFER SHEET 1417 FOR DETAILS

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pitt&sherry | Tasmanian Government

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REVIEWED F.J.

Department of State Growth

GREATER HOBART TRANSPORT VISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD)
ROADWORKS

SIGNS & LINEMARKING - DRG 3

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-DRG-1403	06-May-25, 1:58 PM	1403

REGISTRATION NUMBER
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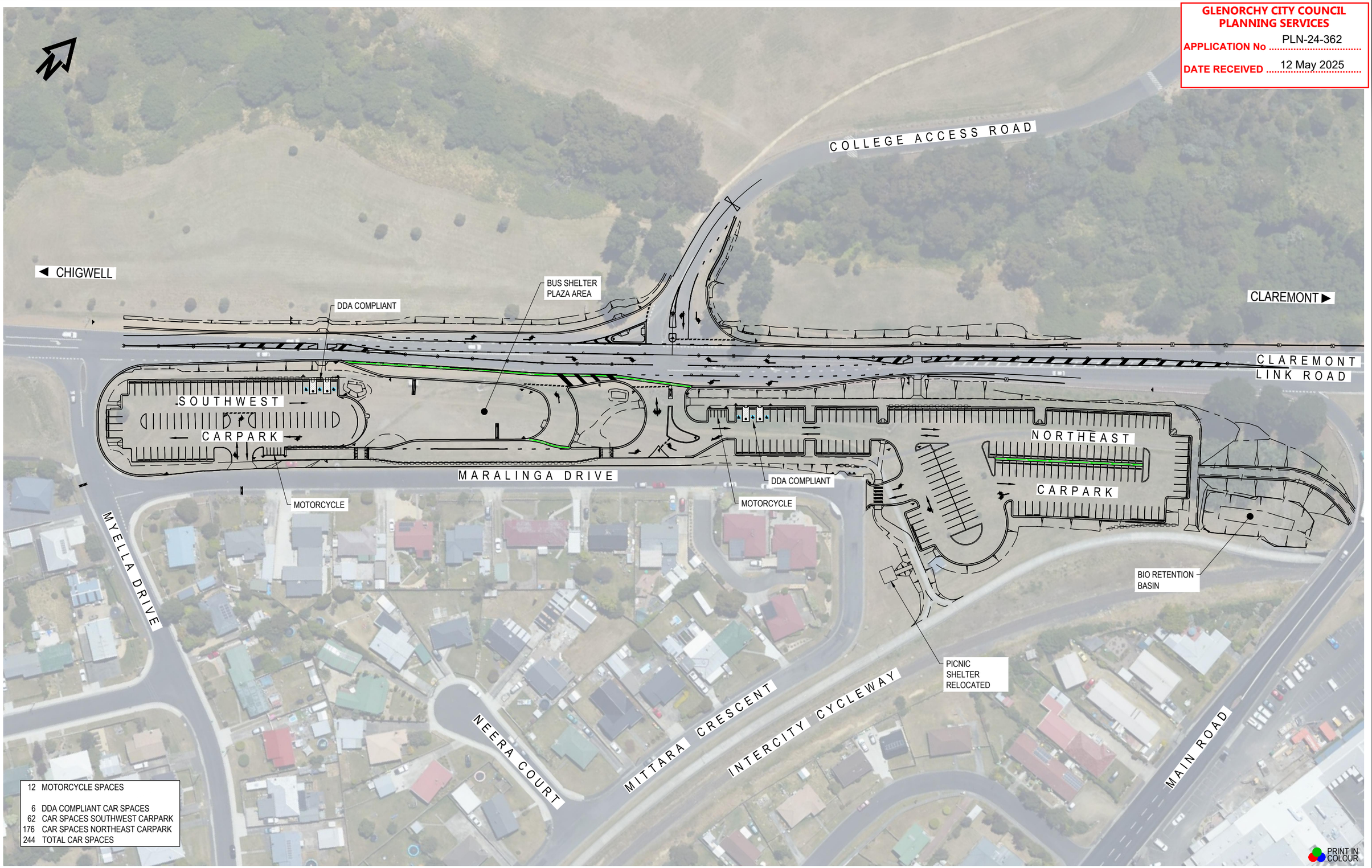
REVISION



12	MOTORCYCLE SPACES
6	DDA COMPLIANT CAR SPACES
62	CAR SPACES SOUTHWEST CARPARK
176	CAR SPACES NORTHEAST CARPARK
244	TOTAL CAR SPACES

No.	Amendment Description	Initials	Date
B	ISSUE FOR DA APPROVAL	S.D.	01/05/2025
A	ISSUE FOR DA APPROVAL	S.D.	05/12/2024

A3 original — This sheet may be prepared using colour and may be incomplete if copied

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12 0 12 24 36 48
SCALE IN METRES - 1:1200

Co-ordinate System: MGA-Z55 GDA20 Height Datum: A.H.D.

pitt&sherry

Tasmanian Government

DESIGNED C.V.
REVIEWED F.J.

Department of State Growth

CLAREMONT PARK AND RIDE
SWEPT PATH ANALYSIS

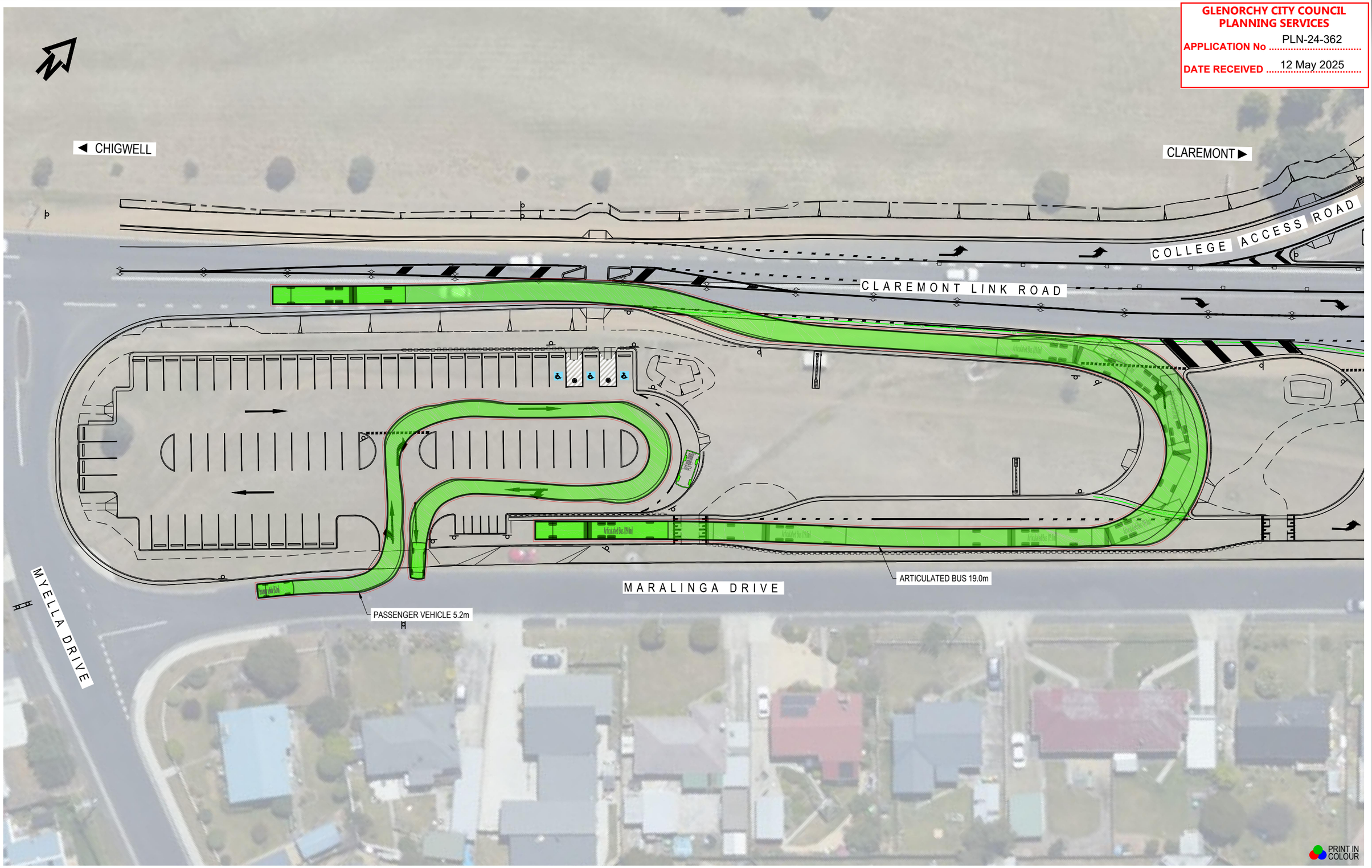
GENERAL LAYOUT

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
	S-P.22.1460-00-CIV-SKT-1000	01-May-25, 1:05 PM	1000

REGISTRATION NUMBER

REVISION B

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 12 May 2025



No.	Amendment Description	Initials	Date
B	ISSUE FOR DA APPROVAL	S.D.	01/05/2025
A	ISSUE FOR DA APPROVAL	S.D.	05/12/2024
A3 original	This sheet may be prepared using colour and may be incomplete if copied		

SCALES
1:500
5 0 5 10 15 20
SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 Height Datum: A.H.D.

pitt&sherry

Tasmanian Government

DESIGNED C.V.
REVIEWED F.J.

Department of State Growth
CLAREMONT PARK AND RIDE

SWEPT PATHS
DRG 1

CONTRACT No.

DRAWING S-P.22.1460-00-CIV-SKT-1101

PRINTED DATE 01-May-25, 1:03 PM

REGISTRATION NUMBER

SHEET No. 1101

REVISION B

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 12 May 2025

◄ CHIGWELL

CLAREMONT ▶

CLAREMONT LINK ROAD

COLLEGE ACCESS ROAD

MARALINGA DRIVE

MYELLA DRIVE

ARTICULATED BUS 19.0m

SINGLE UNIT TRUCK/BUS 12.5m

PRINT IN COLOUR

B	ISSUE FOR DA APPROVAL	S.D.	01/05/2025
A	ISSUE FOR DA APPROVAL	S.D.	05/12/2024
No.	Amendment Description	Initials	Date
A3 original	This sheet may be prepared using colour and may be incomplete if copied		

SCALES
1:500
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SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 Height Datum: A.H.D.

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Tasmanian Government

DESIGNED C.V.
REVIEWED F.J.

Department of State Growth

CLAREMONT PARK AND RIDE

SWEPT PATHS
DRG 2

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
	S-P.22.1460-00-CIV-SKT-1102	01-May-25, 1:09 PM	1102

REGISTRATION NUMBER

REVISION B

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 12 May 2025

◄ CHIGWELL

CLAREMONT ►

ARTICULATED BUS 19.0m

COLLEGE ACCESS ROAD

CLAREMONT LINK ROAD

ARTICULATED BUS 19.0m

MARALINGA DRIVE

PRINT IN COLOUR

No.	Amendment Description	Initials	Date
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DESIGNED C.V.
REVIEWED F.J.

Department of State Growth
CLAREMONT PARK AND RIDE

SWEPT PATHS
DRG 3

CONTRACT No.

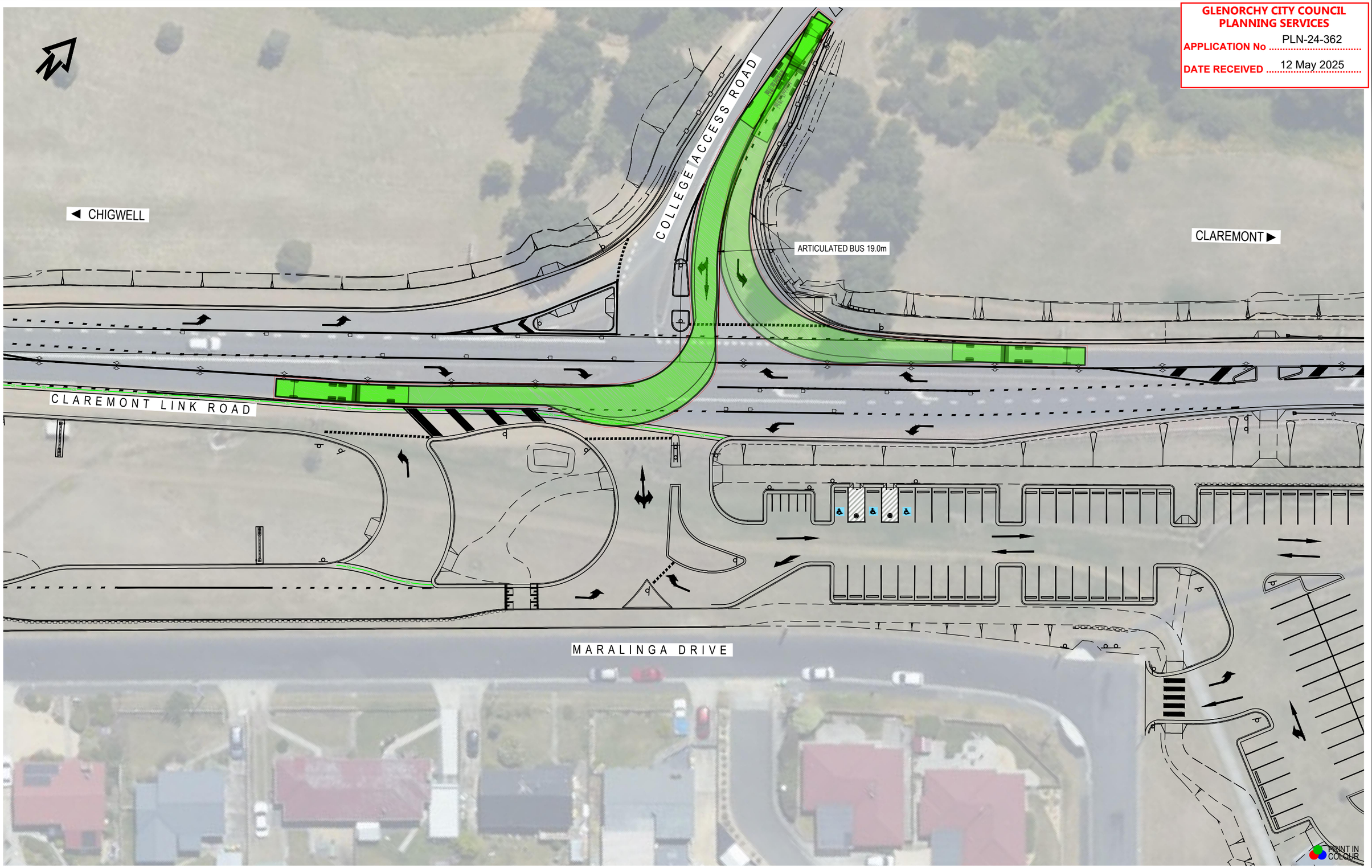
DRAWING S-P.22.1460-00-CIV-SKT-1103

PRINTED DATE 01-May-25, 1:10 PM

REGISTRATION NUMBER

SHEET No. 1103

REVISION B



No.	Amendment Description	Initials	Date
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A	ISSUE FOR DA APPROVAL	S.D.	05/12/2024

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SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 Height Datum: A.H.D.

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REVIEWED F.J.

Department of State Growth

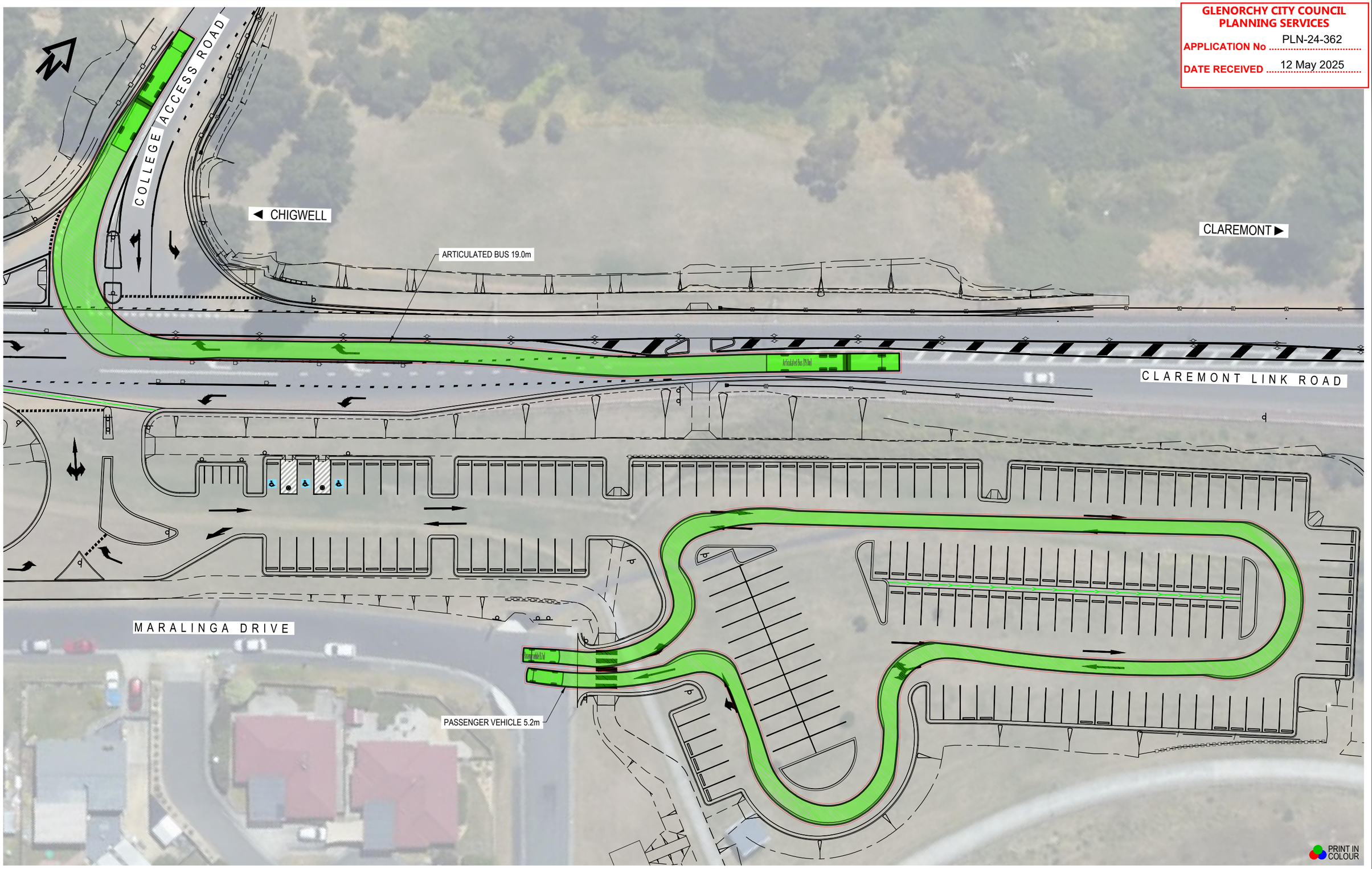
CLAREMONT PARK AND RIDE

SWEPT PATHS
DRG 4

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
	S-P.22.1460-00-CIV-SKT-1104	01-May-25, 1:11 PM	1104

REGISTRATION NUMBER

REVISION B



No.	Amendment Description	Initials	Date
B	ISSUE FOR DA APPROVAL	S.D.	01/05/2025
A	ISSUE FOR DA APPROVAL	S.D.	05/12/2024

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SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 | Height Datum: A.H.D.

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REVIEWED F.J.

Department of State Growth

CLAREMONT PARK AND RIDE

SWEPT PATHS
DRG 5

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
	S-P.22.1460-00-CIV-SKT-1105	01-May-25, 1:13 PM	1105

REGISTRATION NUMBER

REVISION B

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 12 May 2025

◄ CHIGWELL

CLAREMONT LINK ROAD

COLLEGE ACCESS ROAD

CLAREMONT ►

SINGLE UNIT TRUCK/BUS 12.5m

MARALINGA DRIVE

PRINT IN COLOUR

No.	Amendment Description	Initials	Date
A	ISSUE FOR DA APPROVAL	S.D.	01/05/2025

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5 0 5 10 15 20
SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 | Height Datum: A.H.D.

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DESIGNED C.V.
REVIEWED F.J.

Department of State Growth
CLAREMONT PARK AND RIDE

SWEPT PATHS
DRG 6

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
	S-P.22.1460-00-CIV-SKT-1106	01-May-25, 12:53 PM	1106

REGISTRATION NUMBER

REVISION A

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 12 May 2025

◄ CHIGWELL

CLAREMONT LINK ROAD

COLLEGE ACCESS ROAD

CLAREMONT ►

ARTICULATED BUS 19.0m

MARALINGA DRIVE

PRINT IN COLOUR

No.	Amendment Description	Initials	Date
A	ISSUE FOR DA APPROVAL	S.D.	01/05/2025

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1:500
5 0 5 10 15 20
SCALE IN METRES - 1:500

Co-ordinate System: MGA-Z55 GDA20 | Height Datum: A.H.D.

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DESIGNED C.V.
REVIEWED F.J.

Department of State Growth
CLAREMONT PARK AND RIDE

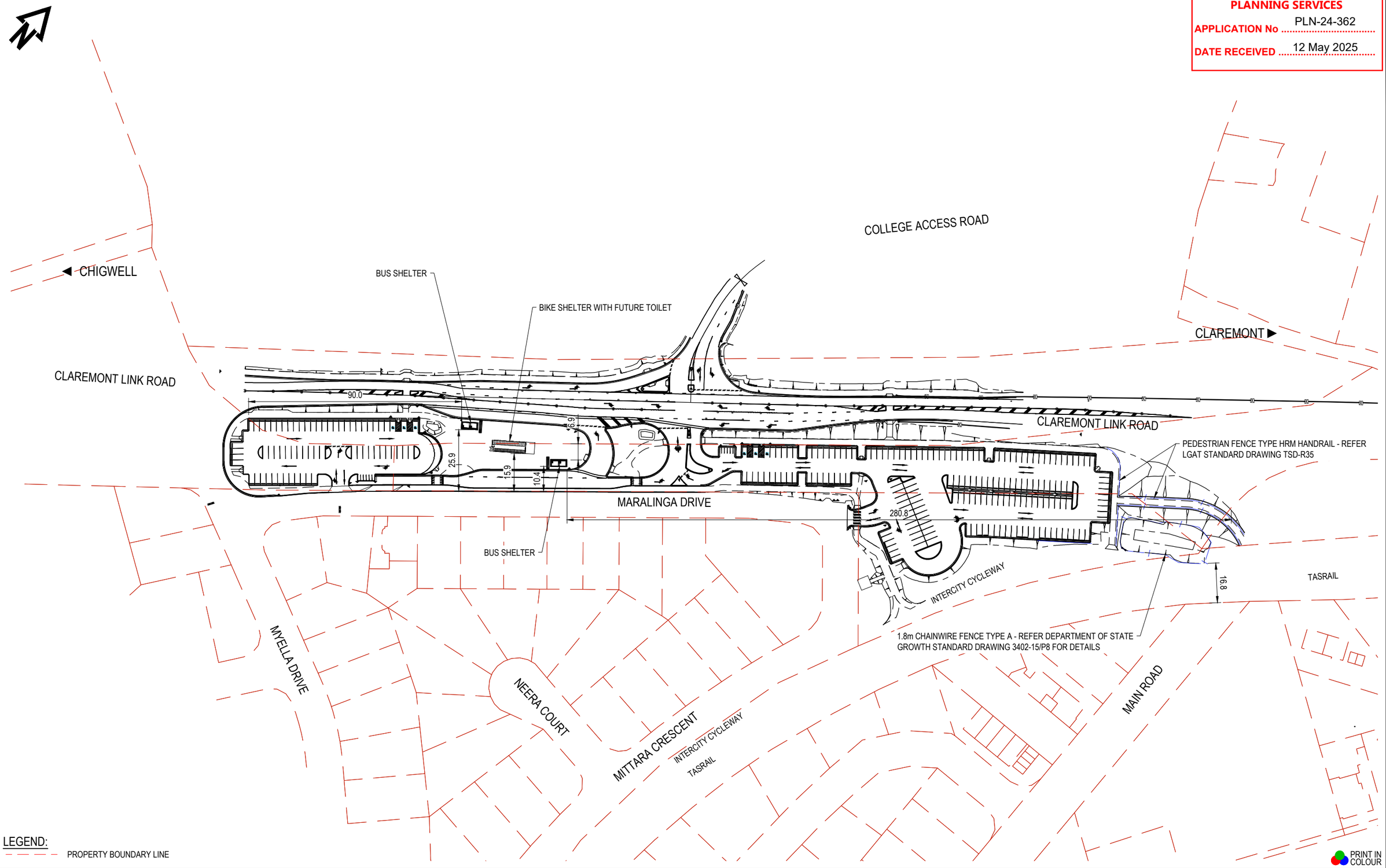
SWEPT PATHS
DRG 7

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
	S-P.22.1460-00-CIV-SKT-1107	01-May-25, 12:53 PM	1107

REGISTRATION NUMBER

REVISION A

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 12 May 2025



LEGEND:

PROPERTY BOUNDARY LINE

PRINT IN COLOUR

No.	Amendment Description	Initials	Date
A3 original	This sheet may be prepared using colour and may be incomplete if copied		

SCALES
1:1500
15 0 15 30 45 60
SCALE IN METRES - 1:1500

Co-ordinate System: MGA-Z55 GDA20 Height Datum: A.H.D.

pitt&sherry

Tasmanian Government

DESIGNED G.M.
REVIEWED F.J.

Department of State Growth

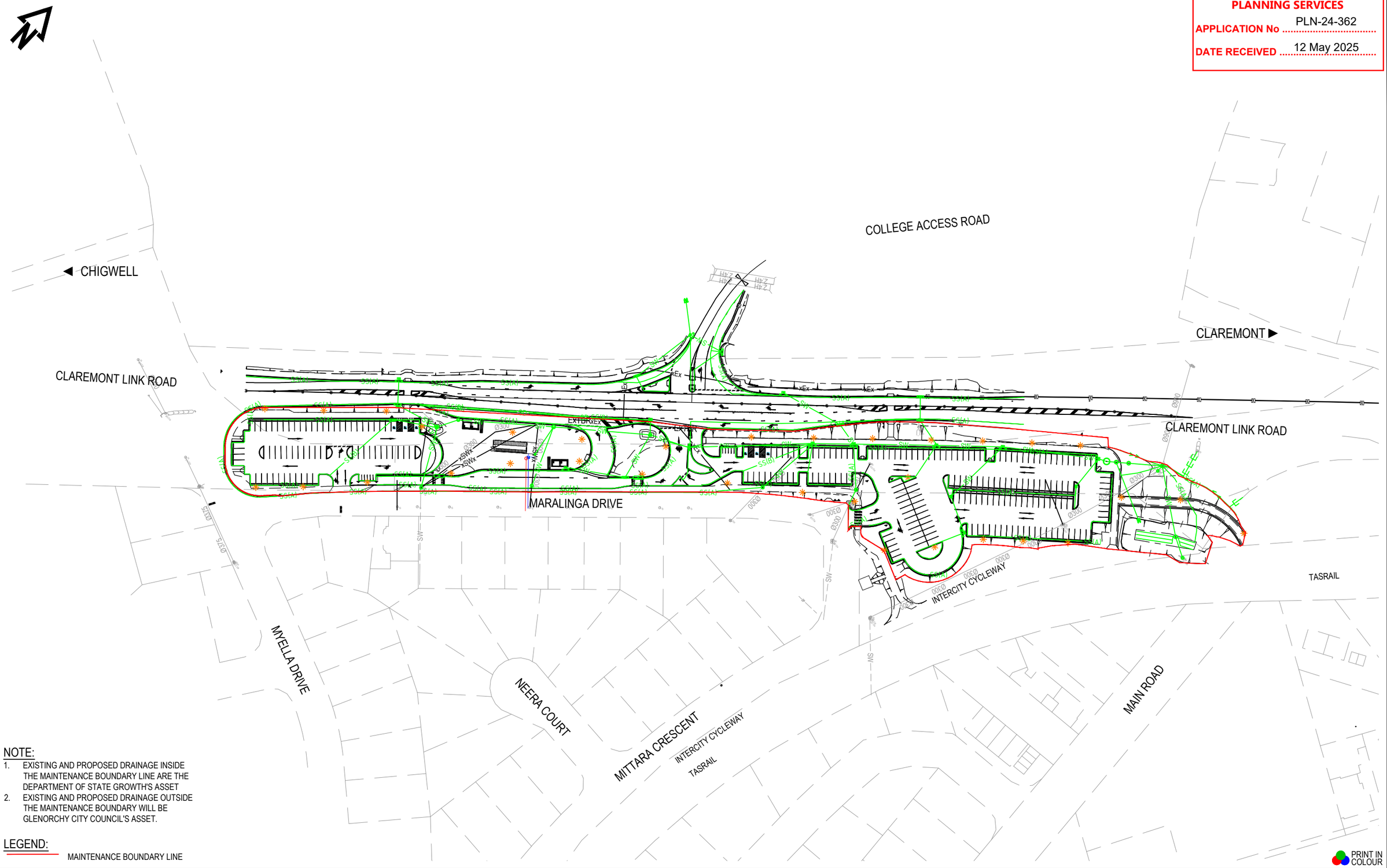
GREATER HOBART TRANSPORT DIVISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD)
ROADWORKS

PROPERTY BOUNDARY DIMENSION

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-SKT-002	08-May-25, 9:50 AM	002

REGISTRATION NUMBER
AXXXX.011

REVISION



NOTE:

1. EXISTING AND PROPOSED DRAINAGE INSIDE THE MAINTENANCE BOUNDARY LINE ARE THE DEPARTMENT OF STATE GROWTH'S ASSET
2. EXISTING AND PROPOSED DRAINAGE OUTSIDE THE MAINTENANCE BOUNDARY WILL BE GLENORCHY CITY COUNCIL'S ASSET.

LEGEND:

MAINTENANCE BOUNDARY LINE

PRINT IN COLOUR

No.	Amendment Description	Initials	Date

A3 original | This sheet may be prepared using colour and may be incomplete if copied

SCALES
1:1500
15 0 15 30 45 60
SCALE IN METRES - 1:1500

Co-ordinate System: MGA-Z55 GDA20 | Height Datum: A.H.D.

pitt&sherry | Tasmanian Government

DESIGNED G.M.
REVIEWED F.J.

Department of State Growth

GREATER HOBART TRANSPORT DIVISION
PARK AND RIDE AT CLAREMONT (CLAREMONT LINK ROAD)
ROADWORKS

MAINTENANCE BOUNDARY LINE

CONTRACT No.	DRAWING	PRINTED DATE	SHEET No.
3855	S-P.22.1460-00-CIV-SKT-003	08-May-25, 9:50 AM	003

REGISTRATION NUMBER
AXXXX.011

REVISION

DEPARTMENT OF STATE GROWTH

TRAFFIC FACILITIES

STANDARD BUS STOP SHELTERS

DRAWING LIST

DRAWING	REVISION	DESCRIPTION
020-0	0	COVER SHEET AND DRAWING LIST
021-0	0	STRUCTURAL NOTES
022-0	0	STRUCTURAL NOTES
023-0	0	GENERAL ARRANGEMENT (3 SEATER-SMALL)
024-0	0	GENERAL ARRANGEMENT (3 SEATER)
025-0	0	GENERAL ARRANGEMENT (5 SEATER)
026-0	0	GENERAL ARRANGEMENT (LARGE SCALE)
027-0	0	ELEVATION AND 3D VIEW FOR LARGE SCALE SHELTER
028-0	0	DETAILS
029-0	0	LIGHTING (3 SEATER-SMALL)
030-0	0	LIGHTING (3 SEATER)
031-0	0	LIGHTING (5 SEATER)
032-0	0	LIGHTING (LARGE SCALE)

DRAWING 020-0.dwg

No.	Amendment Description	Initials	Date
0	INITIAL ISSUE		

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DRAWN: Pitt & Sherry June 2023
REVIEWED: State Growth June 2023
APPROVED: SSWG June 2023
For, Director Passenger Transport

Tasmanian Government

Department of State Growth
DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS

COVER SHEET AND DRAWING LIST

DO NOT SCALE
Use of this drawing is governed by the conditions outlined on the DSG website. It is the users responsibility to ensure it is the current revision.

STANDARD DRAWING NUMBER: SD-087-020-0
REVISION NUMBER: 0

PRINTED DATE 2/06/2023 11:24:28 AM

GENERAL

G1. ALL DIMENSIONS SHOWN SHALL BE VERIFIED ON SITE. ENGINEER'S DRAWINGS MUST NOT BE SCALED.

G2. DURING CONSTRUCTION THE RESPONSIBLE CONTRACTOR SHALL MAINTAIN THE STRUCTURE IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED.

G3. UNLESS OTHERWISE NOTED ALL DIMENSIONAL UNITS ARE MILLIMETRES.

G4. UNO DENOTES UNLESS NOTED OTHERWISE.

G5. ALL DIMENSIONS WHICH TIE INTO OR OTHERWISE RELATE TO EXISTING STRUCTURES SHALL BE VERIFIED ON SITE PRIOR TO THE START OF CONSTRUCTION BY THE CONTRACTOR.

CORE REQUIREMENTS

THESE STANDARD SHELTER DRAWINGS HAVE BEEN DESIGNED TO A SET OF SCALABLE CORE REQUIREMENTS THE DEPARTMENT OF STATE GROWTH REQUIRE. DESIGN OF ANY SHELTERS FOR SITE SPECIFIC DEVELOPMENTS WHICH VARY FROM THESE STANDARD DRAWINGS MUST ALSO MEET THESE MINIMUM REQUIREMENTS. THESE MINIMUM REQUIREMENTS INCLUDE THE FOLLOWING:

CR1. SHELTER DESIGNS MUST BE IN COMPLIANCE WITH THE DISABILITY DISCRIMINATION ACT 1992 (DDA), AND THE DISABILITY STANDARDS FOR ACCESSIBLE PUBLIC TRANSPORT 2002 (THE STANDARDS). REQUIREMENTS FOR THE SHELTERS INCLUDE:
A1A. REQUIRES A 'WAITING AREA' TO HAVE A MINIMUM NUMBER OF SEATS MARKED AS AVAILABLE, FOR THE USE OF PASSENGERS WITH A DISABILITY. THIS MINIMUM NUMBER IS 5% OF THE SEATS AVAILABLE (BUT NOT LESS THAN 2). THIS CAN BE ACHIEVED BY INSTALLING A 'PRIORITY SEATING' SIGN ONTO SEATS.
A1B. TWO SPACES NEED TO BE ALLOCATED AS AVAILABLE FOR PASSENGERS IN WHEELCHAIRS. THE MINIMUM SIZE FOR AN 'ALLOCATED SPACE' IS 800 x 1300mm, AND IT IS TO BE MADE AVAILABLE FOR PEOPLE USING WHEELCHAIRS OR OTHER MOBILITY AIDS. LINE-MARKING MAY BE PROVIDED TO DELINEATE THESE WHEELCHAIR BAYS.
A1C. SEATS NEED TO COMPLY WITH AS1428.2-1992, CLAUSE 27.2. SEATING SHOULD GENERALLY HAVE A HEIGHT OF APPROX. 400 – 450mm ABOVE GROUND, HOWEVER IT IS RECOMMENDED TO BE RAISED TO 520mm TO ALLOW FOR OLDER PASSENGERS AND THE DISABLED.
A1D. SEATING SPACES MUST NOT INTRUDE INTO THE CIRCULATION SPACE REQUIRED IN THE BOARDING POINT.
A1E. REQUIRES A CONTINUOUS ACCESSIBLE PATH OF TRAVEL TO NOT HAVE A GRADIENT OR CROSSFAL GREATER THAN 1:40.
A1F. GROUND SURFACE MUST BE NON-SLIP.

CR2. WEATHER PROTECTION – BUS SHELTER MUST PROVIDE PROTECTION FROM VARIED AND INCLEMENT WEATHER CONDITIONS

CR3. PASSENGER INFORMATION – SHELTER DESIGNS SHALL ALLOW PROVISION OF TIMETABLE DISPLAY CASES (WHERE NOT MOUNTED TO ADJACENT SIGN POLES), AND CONSIDER THE CAPACITY TO FUTURE ADDITIONAL INFORMATION, ADVERTISEMENT, AND INTEGRATED REAL-TIME INFORMATION.

CR4. COLOUR – THE DEPARTMENT ARE MOVING TOWARDS A STATE-WIDE BRAND FOR PUBLIC TRANSPORT. THE COLOUR PREFERENCE OF THE SHELTER TO ALIGN WITH THIS BRAND IS COLORBOND BASALT (GREY).

CR5. MATERIALS – MATERIALS RECOMMENDED NEED TO BE RESISTANT (AS MUCH AS PRACTICABLE) TO THE FULL RANGE OF TASMANIAN WEATHER CONDITIONS, VANDALISM, AND GRAFFITI. RECOMMENDED MATERIALS MAY INCLUDE (BUT ARE NOT LIMITED TO) STEEL, ALUMINIUM, LAMINATED (NOT TOUGHENED) GLASS AND CONCRETE.

CR6. LIGHTING – LIGHTING IS PREFERRED TO BE PROVIDED AS PART OF REGULAR STREET LIGHTING, AND THEREFORE THE PROVISION OF SHELTER LIGHTING IS NOT A REQUIREMENT. SHELTER LIGHTING MAY THOUGH BE PROVIDED ON A SITE-SPECIFIC BASIS. DDA COMPLIANCE STANDARDS PRESCRIBE A LIGHTING LEVEL OF 150 LUX IN PART 20 OF THE STANDARDS, LINKED TO CLAUSE 19.1 OF AS1428.2-1992 AND AS1680.2. IT IS NOTED THOUGH THAT THIS REFERENCE IS TO 'INTERNAL' LIGHTING, AND TO HAVE THIS LEVEL OF ILLUMINATION IN AN EXPOSED SHELTER HAS THE POTENTIAL TO BE CONSIDERED 'OBTRUSIVE LIGHT' IN COMPARISON TO THEIR SURROUNDS (FOR COMPARISON, AN AVERAGE FOR A CARPARK IS 14 LUX TO AS/NZS 1158.3.1). THEREFORE, THE DEPARTMENT HAS AGREED TO A REVISED LIGHTING LEVEL OF 20-25 LUX FOR SHELTER LIGHTING IF PROVIDED. A FILE NOTE (MR22/128719) HAS BEEN PREPARED TO CAPTURE THIS RELAXATION.

CR7. DESIGN LOADS – STRUCTURAL DESIGN OF ANY SHELTERS FOR SITE SPECIFIC DEVELOPMENTS SHALL BE BASED ON SITE SPECIFIC WIND LOADING.

FOUNDATION

F1. FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF '100kPa' AT FOUNDING LEVELS UNO .THE CONTRACTOR SHALL OBTAIN AN ENGINEER'S APPROVAL OF THE FOUNDATION MATERIAL BEFORE PLACING CONCRETE.

F2. AFTER EXCAVATION ENSURE THAT ALL LOOSE GRAVEL, SOIL OR DEBRIS IS REMOVED BEFORE PLACING CONCRETE.

DESIGN LOADS

L1. A CONSERVATIVE BUT REASONABLE 'STANDARD' SITE HAS BEEN ASSUMED FOR THE CALCULATION OF WIND LOADS FOR THE DESIGN OF THE SHELTERS SHOWN IN THESE DRAWINGS. SHELTERS SHOWN IN THESE DRAWINGS SHALL ONLY BE CONSTRUCTED IN REGIONS WHERE SITE CONDITIONS SATISFY THESE DESIGN ASSUMPTIONS. SITE-SPECIFIC DESIGN IS REQUIRED IF THESE DESIGN ASSUMPTIONS ARE EXCEEDED.

L2. ALL DESIGN LOADS ARE IN ACCORDANCE WITH AS/NZS1170

L3. WIND LOADS HAVE BEEN CALCULATED FOR A 'TYPICAL' SITE IN ACCORDANCE WITH AS/NZS1170.2-2021. DESIGN WIND SPEED FOR ULTIMATE LIMIT STATE, $V_{des,q}$ = 45.4m/s. CALCULATED WITH THE FOLLOWING ASSUMPTIONS:
HEIGHT = 2.5 METRES
TERRAIN CATEGORY = 'TC2.5'
IMPORTANCE LEVEL 2
DESIGN SERVICE LIFE 50 YRS
REGION A4
TOPOGRAPHIC MULTIPLIER = 1.16, DERIVED FROM:
ASSUMED HILL SLOPE = 1:10
ASSUMED ELEVATION = 200m
SHIELDING: NONE

ALTERNATIVELY, WIND LOADS ARE EQUIVALENT FOR TERRAIN CATEGORY - 'TC2', WITH A REDUCED TOPOGRAPHIC MULTIPLIER OF 1.10

EXCAVATION AND BACKFILL

E1. SITE SPECIFIC GEOTECHNICAL INFORMATION IS NOT AVAILABLE FOR A STANDARDISED DESIGN, AND AS SUCH, A GEOTECHNICAL INVESTIGATION HAS BEEN UNDERTAKEN TO INFORM THESE STANDARD DRAWINGS.

E2. ALL EXCAVATION SHALL BE CARRIED OUT IN SUCH A MANNER AS TO PRESERVE UNDISTURBED CONDITIONS AT THE UNDERSIDE OF FOOTINGS AND / OR THE COMPACTED FCR AS APPROPRIATE.

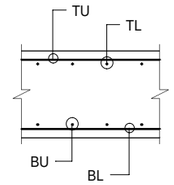
E3. ALL FOOTINGS SHALL BE CONSTRUCTED ON UNDISTURBED OR COMPACTED FILL FOUNDATION MATERIAL WITH A SAFE BEARING CAPACITY AS SHOWN IN FOUNDATIONS NOTE 'F1' AND TO THE APPROVAL OF AN ENGINEER.

E4. IF FOOTING EXCAVATIONS ARE LOWER THAN THOSE SHOWN ON DESIGN DRAWINGS. THE OVER EXCAVATION SHALL BE BACKFILLED WITH COMPACTED FOUNDATION MATERIAL AS PER NOTE 'E3' ABOVE.

E5. FINISHED EARTHWORK SLOPES SHALL NOT BE STEEPER THAN 2 HORIZONTAL AND 1 VERTICAL UNO.

CONCRETE REINFORCEMENT ABBREVIATIONS

CP	CENTRALLY PLACED
EW	EACH WAY
EF	EACH FACE
NF	NEAR FACE
FF	FAR FACE
LV	LENGTH VARIES
B	BOTTOM REINFORCEMENT
BL	BOTTOM REINFORCEMENT LOWER LEVEL
BU	BOTTOM REINFORCEMENT UPPER LEVEL
T	TOP REINFORCEMENT
TL	TOP REINFORCEMENT LOWER LEVEL
TU	TOP REINFORCEMENT UPPER LEVEL



REINFORCEMENT LAYERING

CONCRETE AND OTHER ABBREVIATIONS

CJ	CONTROL JOINT
DJ	DOWELLED JOINT
SJ	SAWCUT JOINT
TOC	TOP OF CONCRETE
FCR	FINE CRUSHED ROCK
SOP	SET OUT POINT
⟨150⟩	SLAB THICKNESS (=150mm)

OTHER ABBREVIATIONS COMPLY WITH AS1100

CONCRETE

C1. ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH AS3600. USE GENERAL PURPOSE CEMENT AND NORMAL WEIGHT AGGREGATES UNO. DO NOT USE ADDITIVES WITHOUT APPROVAL.

C2. CONCRETE QUALITY SHALL BE AS FOLLOWS (UNO):

ITEM	CHARACTERISTIC CONCRETE STRENGTH f'c (MPa)
GENERAL	32
BLINDING	15-20

C3. UNLESS SPECIFIED UNABBREVIATED TO AS4671 ALL REINFORCEMENT ON THIS PROJECT IS DESIGNATED AS FOLLOWS:

SYMBOL	DESCRIPTION	TYPE
SL	MESH - SQUARE GRID	D500L TO AS4671
RL	MESH - RECTANGULAR GRID	D500L TO AS4671
TM	TRENCH MESH	D500L TO AS4671
R	PLAIN BARS	R250N TO AS4671
S	DEFORMED BARS	D250N TO AS4671
N	DEFORMED BARS	D500N TO AS4671

DESIGNATION EXAMPLE

SL82	REINFORCING MESH	D500L 8 DIA. RIBBED BARS AT 200 CRS
4-L12TM	TRENCH MESH	D500L 4 No 12 DIA. RIBBED BARS. (300 WIDE)
4-R10-300	PLAIN BARSR	250N 4 No 10 DIA. BARS AT 300 CRS
4-S12-300	DEFORMED BARS	D250N 4 No 12 DIA. BARS AT 300 CRS
4-N16-200 T	DEFORMED BARS	D500N 4 No 16 DIA. BARS AT 200 CRS TOP

NOTE: NUMBER OR SPACING SPECIFIED - GENERALLY NOT BOTH

C4. EXPOSURE CLASSIFICATION B1 (ASSUMED FOR 'STANDARD' SITE)

C5. CLEAR COVER TO REINFORCEMENT (INCLUDING FITMENTS) SHALL BE AS FOLLOWS UNO.

CAST AGAINST BUILDING OR FORMWORK	:	40
CAST AGAINST GROUND PROTECTED BY WATERPROOF MEMBRANE	:	50
CAST AGAINST GROUND NOT PROTECTED BY WATERPROOF MEMBRANE	:	60
CAST AGAINST BLINDING CONCRETE	:	40
TOP COVER	:	40

CONCRETE (CONTINUE

C6. SIZES OF CONCRETE ELEMENTS FINISHES.

C7. BEAM DEPTHS ARE NOTED FIRST ANY.

C8. CONSTRUCTION JOINTS WHERE NOT SHOWN ON THE DRAWINGS SHALL BE LOCATED TO THE APPROVAL OF THE ENGINEER, JOINTS TO BE SEALED WITH 'NITOSEAL SC800' OR EQUIVALENT.

C9. FORMS SHALL BE CHAMFERED FOR RE-ENTRANT ANGLES AND FILLETED FOR CORNERS. WHERE THESE WILL BE EXPOSED TO VIEW IN THE COMPLETED PROJECT THE FACE OF THE BEVEL IN EACH CASE SHALL BE 25 WIDE UNO.

C10. NO HOLES, CHASES OR EMBEDMENTS OF PIPES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

C11. NO ALLOWANCE HAS BEEN MADE FOR STACKED MATERIALS ON THE CONCRETE STRUCTURE UNO.

C12. CONCRETE FLOOR FINISH SHALL BE MONOLITHIC, BROOM FINISH UNO.

C13. NO REINFORCEMENT SPLICES SHALL BE MADE IN POSITIONS OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

C14. MINIMUM LAP FOR FABRICS SHALL BE TWO TRANSVERSE WIRES PLUS 25. MINIMUM LAP LENGTHS FOR DEFORMED BARS SHALL BE IN ACCORDANCE WITH AS3600 UNO.

C15. WELDING OF REINFORCEMENT IS NOT PERMITTED UNLESS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER.

TOP AND BOTTOM REINFORCEMENT IN SLABS SHALL BE SUPPORTED ON APPROVED PLASTIC TIPPED CHAIRS, IN BOTH DIRECTIONS AT MAXIMUM CENTRES OF ;
600 FOR 10 DIA. BARS,
900 FOR 12 AND 16 DIA. BARS,
1200 FOR 20 DIA. BARS
750 CENTRES FOR MESH.

C16. ALL FORMWORK AND PROPS UNDER SUSPENDED CONCRETE WORK SHALL BE REMOVED BEFORE ANY BRICKWORK OR BLOCKWORK IS BUILT ABOVE.

C17. THE MINIMUM CLEAR SPACING BETWEEN CONDUITS, CABLES, PIPES AND BARS SHALL BE AS REQUIRED BY AS3600 BUT NOT LESS THAN THREE DIAMETERS HORIZONTALLY FOR HORIZONTAL CONDUITS ETC. IN SLABS WALLS AND FOOTINGS AND NOT LESS THAN ONE DIAMETER FOR ALL OTHER CONDUITS ETC.

C18. BARS SHALL BE LAPPED AS FOLLOWS UNLESS NOTED OTHERWISE:

MINIMUM LAP LENGTHS				
BAR	<300 CONCRETE DEPTH (UNDER LAP)		>300 CONCRETE DEPTH (UNDER LAP)	
N12	385	350	500	450
N16	600	525	775	700
N20	850	750	1100	975
N24	1100	1000	1450	1285
N28	-	-	-	-
CONCRETE	N32	N40	N32	N40

✳ THE CONCRETE DEPTH IS MEASURED BELOW THE BAR LAP
✳ THE NOTED LAP LENGTHS RELATE TO GRADE OF THE CONCRETE NOTED ABOVE Cd = 40mm.
CONSULT THE ENGINEER FOR BAR LAPS IN OTHER CONCRETE GRADES.

C19. THE LAP LENGTH OF BUNDLED BARS SHALL BE INCREASED FROM THE VALUES SHOWN IN THE TABLE AS FOLLOW:
3 BAR BUNDLE - 20%
4 BAR BUNDLE - 33%.

C20. INDIVIDUAL BARS WITHIN A BUNDLE SHALL BE TERMINATED AT DIFFERENT POINTS STAGGERED BY AT LEAST 40 TIMES THE DIAMETER OF THE LARGER BAR.

C21. LAPS IN REINFORCEMENT SHALL BE STAGGERED SO THAT NO MORE THAN 50% OF BARS ARE LAPPED IN ANY ONE CROSS SECTION AND THAT NO TWO ADJACENT BARS ARE LAPPED AT THE SAME LOCATION.

C22. WHERE STAGGERED BAR SPLICES ARE NOT POSSIBLE, THE MINIMUM LAP LENGTH SHALL NOT BE LESS THAN 1.3 TIMES THE STANDARD LAP LENGTH OR AS SHOWN ON THE DRAWINGS, WHICHEVER IS GREATER.

No.	Amendment Description	Initials	Date
0	INITIAL ISSUE		

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DRAWN: Pitt & Sherry June 2023
REVIEWED: State Growth June 2023
APPROVED: SSWG June 2023
For, Director Passenger Transport

Tasmanian Government

Department of State Growth
DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS
SHEET 1 OF 2
STRUCTURAL NOTES

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STANDARD DRAWING NUMBER SD-087-021-0
REVISION NUMBER 0

DRAWING 021-0.dwg

PRINTED DATE 2/06/2023 11:24:29 AM

STRUCTURAL STEELWORK

S1. ALL STEEL, STEELWORK, CONNECTIONS AND CORROSION PROTECTION OF STEELWORK SHALL BE IN ACCORDANCE WITH THE NOTES, SPECIFICATION AND AS4100.

S2. ALL STEELWORK SHALL BE GRADE 250 EXCEPT USE GRADE 450 FOR COLD FORMED LIGHT GRADE SECTIONS, GRADE 350 FOR HOLLOW SECTIONS, AND GRADE 300 FOR HOT ROLLED SECTIONS, UNO.

S3. BOLT TYPES SHALL BE AS FOLLOWS:

4.6/S	HEXAGON HEAD BOLTS TO AS1111.1, SNUG TIGHTENED
8.8/S	HIGH STRENGTH STRUCTURAL BOLTS, WITH BOLT, NUTS AND HARDENED WASHERS TO AS4100, SNUG TIGHTENED
8.8/TB	HIGH STRENGTH STRUCTURAL BOLTS AS ABOVE, FULLY TENSIONED TO AS4100 IN A BEARING TYPE JOINT
8.8/TF	HIGH STRENGTH STRUCTURAL BOLTS AS ABOVE, FULLY TENSIONED TO AS4100 IN A FRICTION TYPE JOINT AND WITH FAYING SURFACES LEFT UNCOATED, UNO.

BOLTS SHALL BE GRADE 8.8/S UNLESS NOTED OTHERWISE.

DESIGNATION EXAMPLE 6 M20 8.8/S.

S4. ALL CONNECTIONS SHALL BE SHOP DETAILED IN ACCORDANCE WITH THE SPECIFIED CONNECTION TYPES ON EACH OF THE DRAWINGS. THE CONNECTIONS SHALL BE IN ACCORDANCE WITH THE STANDARD CONNECTION DETAIL DRAWINGS UNLESS NOTED OTHERWISE ON THE DRAWINGS.

S5. ALL DETAILS, GAUGE LINE ETC, WHERE NOT SPECIFICALLY SHOWN ARE TO BE IN ACCORDANCE WITH ASI DESIGN CAPACITY TABLES FOR STRUCTURAL STEEL AND ASI STANDARDISED STRUCTURAL CONNECTIONS.

S6. BOLT HOLES IN STEEL TO STEEL, AND STEEL TO CONCRETE CONNECTIONS SHALL BE BOLT DIAMETER PLUS 2mm AND BOLT DIAMETER PLUS 6mm FOR BASE PLATES UNO.

S7. WELDING SHALL BE PERFORMED BY A QUALIFIED OPERATOR IN ACCORDANCE WITH AS1554.

S8. E41XX ELECTRODES SHALL BE USED FOR ALL WELDS ON GRADE 250 STEELWORK. E48XX ELECTRODES SHALL BE USED FOR ALL WELDS ON ≥ GRADE 300 STEELWORK. LOW HYDROGEN ELECTRODES ARE RECOMMENDED.

S9. WELDS SHALL BE 3mm CFW (UNO) CATEGORY SP (AS DEFINED IN AS1554.1) REFER TO THE DRAWINGS FOR WELD CATEGORY GP LOCATIONS.

S10. BUTT WELDS WHERE INDICATED SHALL BE COMPLETE PENETRATION WELDS AS DEFINED IN AS1554, UNO.

S11. TESTING OF WELDS SHALL BE IN ACCORDANCE WITH SPECIFICATION.

S12. ALL STEELWORK COMPONENTS EXCEPT STAINLESS STEEL ITEMS SHALL BE HOT-DIP GALVANISED TO IN ACCORDANCE WITH AS4680.

S13. HOT DIP GALVANISED STEEL SHALL BE SUITABLY PREPARED FOR GALVANISING. THE PREPARATION SHALL INCLUDE GRIT BLASTING TO CLASS 2.5, AS1627.4.

S14. FABRICATION OF STRUCTURAL STEEL ELEMENTS TO BE HOT DIPPED GALVANISED MUST TAKE INTO ACCOUNT THE RECOMMENDATIONS OF AS2312.2 APPENDIX A. ALL FULLY SEALED HOLLOW OR BOX SECTIONS CONTAINING TOTALLY ENCLOSED AREAS MUST BE VENTED NEAR EACH END WHEN THE MEMBER IS TO BE GALVANISED. THE MINIMUM DIAMETER OF THE VENT HOLE IS TO BE 25% OF THE INTERNAL DIAMETER OR DIAGONAL DIMENSION FOR SECTIONS UP TO 150. FOR LARGER MEMBERS VENTING DETAILS SHALL BE PROVIDED BY THE GALVANISER FOR THE APPROVAL OF THE ENGINEER PRIOR TO GALVANISING.

S15. ALL STEELWORK BELOW GROUND SHALL BE ENCASED BY CONCRETE 75 MIN ALL ROUND.

PRIOR TO BOLTING PLATES AGAINST OR SITE WELDING PLATES TO EXISTING STEELWORK, ALL CONTACT AREAS SHALL HAVE CORROSION AND EXISTING LOOSE PAINT ETC REMOVED TO EXPOSE CLEAN BASE METAL. THIS SHALL BE ACHIEVED WITH A PROCESS TO MATCH THE NEW STEELWORK IF THIS IS PRACTICABLY FEASIBLE.

S16. ALL BOLTS SHALL BE HOT DIP GALVANISED UNO.

S17. AFTER TIGHTENING, EXPOSED FACES OF NUTS, BOLTS AND WASHERS SHALL BE PREPARED AND COATED AS SPECIFIED OR AS FOR ADJACENT WORK.

STRUCTURAL STEELWORK (CONTINUED)

S20. REFER TO THE SPECIFICATION FOR PREPARATION, PRIMING AND FINISH COATS ON EXTERNAL STEELWORK. IF NO SPECIFICATION IS AVAILABLE ALLOW TO PREPARE THE STEELWORK BY CLEANING WITH POWER TOOLS TO AS1627.2 AND PROTECT WITH ONE COAT OF ZINC PHOSPHATE PRIMER (MIN 50 MICRONS DFT), UNO.

S21. DAMAGED GALVANISED SURFACES SHALL BE RENOVATED WITH A SUITABLE TWO PACK ORGANIC ZINC-RICH PRIMER.

STEELWORK ABBREVIATIONS

ALL DRAWING ABBREVIATIONS CONFORM TO AS1100 AND AS1101 UNO.

ADDITIONAL ABBREVIATIONS ARE:

BS	BOTH SIDES
CFW	CONTINUOUS FILLET WELD
CONTS	CONTINUOUS
MS	MILD STEEL
PL	PLATE
FSBW	FULL STRENGTH BUTT WELD (CATEGORY SP)
TOS	TOP OF STEEL
TOP	TOP OF PLATE
TOG	TOP OF GRATE

SITE SAFETY

SS1. ALL WORK SITES CAN BE POTENTIALLY HAZARDOUS TO PEOPLE, PROPERTY AND EQUIPMENT. ALL PEOPLE WHO ARE AUTHORISED TO BE ON A WORK SITE MUST CAREFULLY CONSIDER, DOCUMENT AND ADOPT SUITABLE SAFE WORK PROCEDURES FOR ALL REQUIRED ACTIVITIES.

SS2. CURRENT LEGISLATION:
CURRENT LEGISLATION REQUIRES THAT ALL PERSONS ARE TO CONSIDER THEIR ACTIONS OR INACTION ON THE HEALTH AND SAFETY OF OTHERS AND THEMSELVES.

SS3. THE CONTRACTOR SHALL ABIDE WITH AND IS BOUND BY THE CURRENT SAFE WORK AUSTRALIA ACT, REGULATIONS AND CODES OF PRACTICE ISSUED BY STATE GOVERNMENTS AND / OR THEIR AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION, DOCUMENTATION AND MAINTENANCE OF WORK SAFETY PROCEDURES AND OTHER RELEVANT DOCUMENTATION. THE CONTRACTOR SHALL ENSURE THAT ALL SUB CONTRACTORS AND OTHER AUTHORISED PEOPLE COMPLY WITH THE ABOVE.

SS4. THE CONTRACTOR SHALL BE ALERT AND PROACTIVE TO IDENTIFY HAZARDS AND MANAGE THE ASSOCIATED RISKS TO ELIMINATE THEM OR MINIMISE THEM TO AN AGREED RISK LEVEL.

SS5. THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IF THERE IS ANY PERCEIVED RISK RELATING TO THE DESIGN OR CONSTRUCTION OF THE DESIGN. THE CONTRACTOR SHALL ENGAGE SUITABLY QUALIFIED ENGINEERS TO CERTIFY ALL TEMPORARY STRUCTURAL WORKS.

SS6. THE CONTRACTOR SHALL ENGAGE WITH THE SUBCONTRACTOR AND OTHER AUTHORISED PEOPLE WHO USE THE SITE TO IDENTIFY THEIR RISKY WORK PROCEDURES AND OTHER ACTIVITIES.

SS7. SUBCONTRACTORS AND OTHER AUTHORISED PEOPLE SHALL PROVIDE DOCUMENTATION ABOUT THEIR RISK ASSESSMENTS AND RISK MINIMISATION.

SS8. PUBLIC SAFETY:
A LIVE SITE THAT HAS WORK UNDERWAY OR IS UNATTENDED HAS A STRONG ATTRACTION TO THE PUBLIC IN GENERAL. THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO PREVENT UNAUTHORISED PEOPLE ENTERING THE SITE. EXCAVATIONS, STRUCTURES AND ACCESS EQUIPMENT SHALL BE LEFT IN A SECURE MANNER AS IS REASONABLY PRACTICABLE TO PREVENT ANY UNAUTHORISED PEOPLE FROM ENTERING, CLIMBING OR FALLING. THE SITE SHALL HAVE CLEAR WARNING SIGNS IN APPROPRIATE LOCATIONS, E.G. - "DANGER KEEP OUT" AND BE SECURELY BARRICADED AND WHEN UNATTENDED LEFT IN A LOCKED CONDITION AS IS REASONABLY PRACTICABLE.

SS9. SPECIFIC ATTENTION SHALL BE PAID TO RISKY ACTIVITIES INCLUDING BUT NOT LIMITED TO:
SITE ESTABLISHMENT
DEMOLITION, RECYCLING AND REMOVAL
TEMPORARY WORKS
EXCAVATION AND TRENCHING - UNSTABLE GROUND
WELDING - EYE PROTECTION
CONSTRUCTION PROCESSES
TRIPS AND FALLS (GENERAL]
UNSTABLE TEMPORARY FOOTINGS
WORKING AT HEIGHT.

SAFETY IN DESIGN (S

SD1. SiD GENERALLY
THIS STRUCTURE HAS BEEN DE
SAFETY WHEREVER POSSIBLE.
TO HEALTH AND SAFETY OF PE
PRACTICABLE FOR THE 50 YEA

SD2. WORK HEALTH AND SAFETY:
THE CONTRACTOR SHALL ENSURE THAT THE CONSTRUCTION OF THIS PROJECT IS CARRIED OUT UNDER A WORK HEALTH AND SAFETY CO-ORDINATION PLAN AND COMPLIANT WITH ANY 'SAFETY IN THE WORKPLACE LEGISLATION' APPLICABLE IN THE STATE IN WHICH THE WORK IS CARRIED OUT.

SD3. IDENTIFY HAZARDS:
THE CONTRACTOR SHALL MAKE EVERY EFFORT TO ENSURE THAT ALL PERSONS WHO ENTER THE CONSTRUCTION SITE ARE MADE AWARE ABOUT THE RISK OF HAZARDS AND POTENTIAL HAZARDS WHICH MAY OCCUR ON THE SITE. ANY SUCH HAZARD SHALL BE ISOLATED AND CLEARLY IDENTIFIED. THE CORRECT LEVEL OF TRAINING SHALL BE MANDATORY BEFORE ANY PERSON ENTERS THE CONSTRUCTION AREA. ALL PERSONS SHALL WEAR THE APPROPRIATE SAFETY PROTECTION APPAREL SPECIFIED BY THE CONTRACTOR BEFORE ENTERING THE SITE. A QUALIFIED GUIDE SHALL ACCOMPANY ALL NEW CONSTRUCTION WORKERS DURING THEIR INITIATION AND ALL SITE VISITORS WHILE ON THE SITE.

SD4. STABILITY OF THE STRUCTURE:
TEMPORARY MEASURES ARE REQUIRED DURING CONSTRUCTION AND DEMOLITION TO ENSURE THE STABILITY OF THE STRUCTURE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND THE CONTRACTOR'S ERECTION DESIGN ENGINEER TO TAKE ALL MEASURES NECESSARY TO MAINTAIN STRUCTURAL INTEGRITY DURING ALL PHASES OF DECONSTRUCTION AND CONSTRUCTION. TEMPORARY SUPPORT IS EXPECTED TO BE NECESSARY.

SD5. TEMPORARY SUPPORT REQUIRED:
SOIL AND ROCK EXCAVATION
CONCRETE FORMWORK TO FACILITATE CONCRETE PLACEMENT
PRECAST CONCRETE WORK
STRUCTURAL STEEL FRAMING
TIMBER FRAMING
STATIC OR OPERATING PLANT AND EQUIPMENT
STORED MATERIALS
STABILITY OF THE EXISTING STRUCTURE.

SD6. SPECIALIST CONTRACTOR:
SOME ACTIVITIES REQUIRED TO BE CARRIED OUT DURING THE CONSTRUCTION

ARE NOT CONSIDERED TO BE NORMAL BUILDING PRACTICE. THEREFORE ENGAGEMENT OF A SPECIALIST CONTRACTOR, IS EXPECTED TO BE NECESSARY FOR THE FOLLOWING ACTIVITIES, BUT NOT LIMITED TO

LIFTING AND PLACEMENT OF HEAVY ELEMENTS
USE OF HAZARDOUS MATERIALS
USE OF HEAVY EQUIPMENT
DEMOLITION WORKS
MOVING MASS CONCRETE BLOCKS
ACCESS USING WORK PLATFORMS, STEPS, FALL ARREST SYSTEMS AND LADDERS
DRILLING
ANCHOR INSTALLATION
WORK NEAR LIVE EQUIPMENT, INCLUDING ELECTRICAL EQUIPMENT.

REFER ALSO TO THE PROJECT SID REPORT

No.	Amendment Description	Initials	Date
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DRAWING 022-0.dwg

DRAWN: Pitt & Sherry June 2023
REVIEWED: State Growth June 2023
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For, Director Passenger Transport

Tasmanian Government

Department of State Growth
DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS
SHEET 2 OF 2
STRUCTURAL NOTES

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STANDARD DRAWING NUMBER SD-087-022-0
REVISION NUMBER 0

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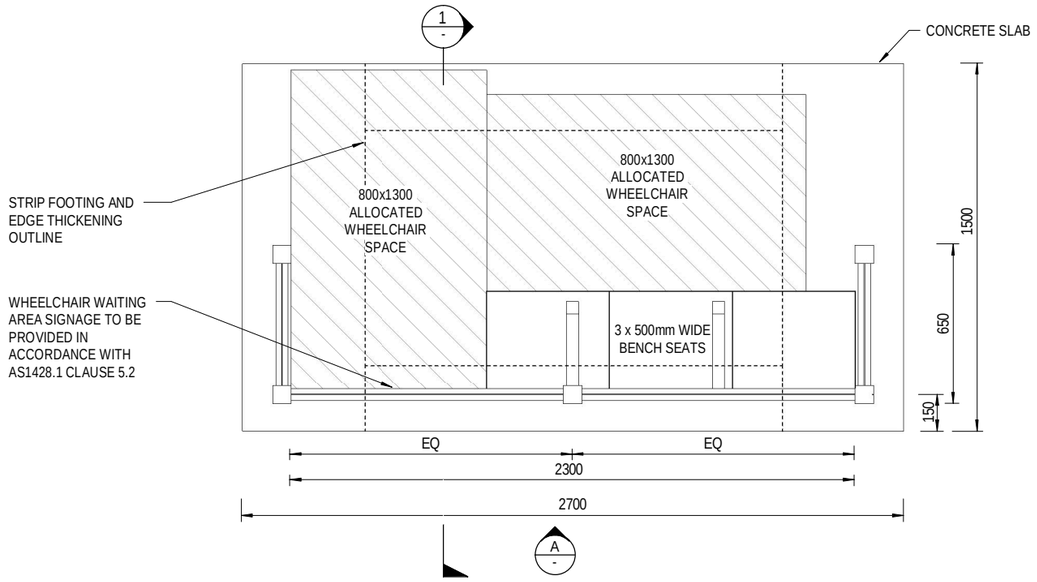
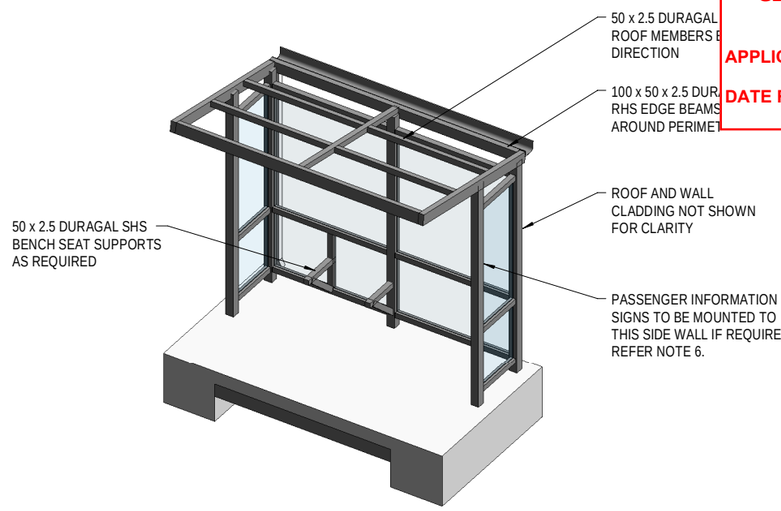
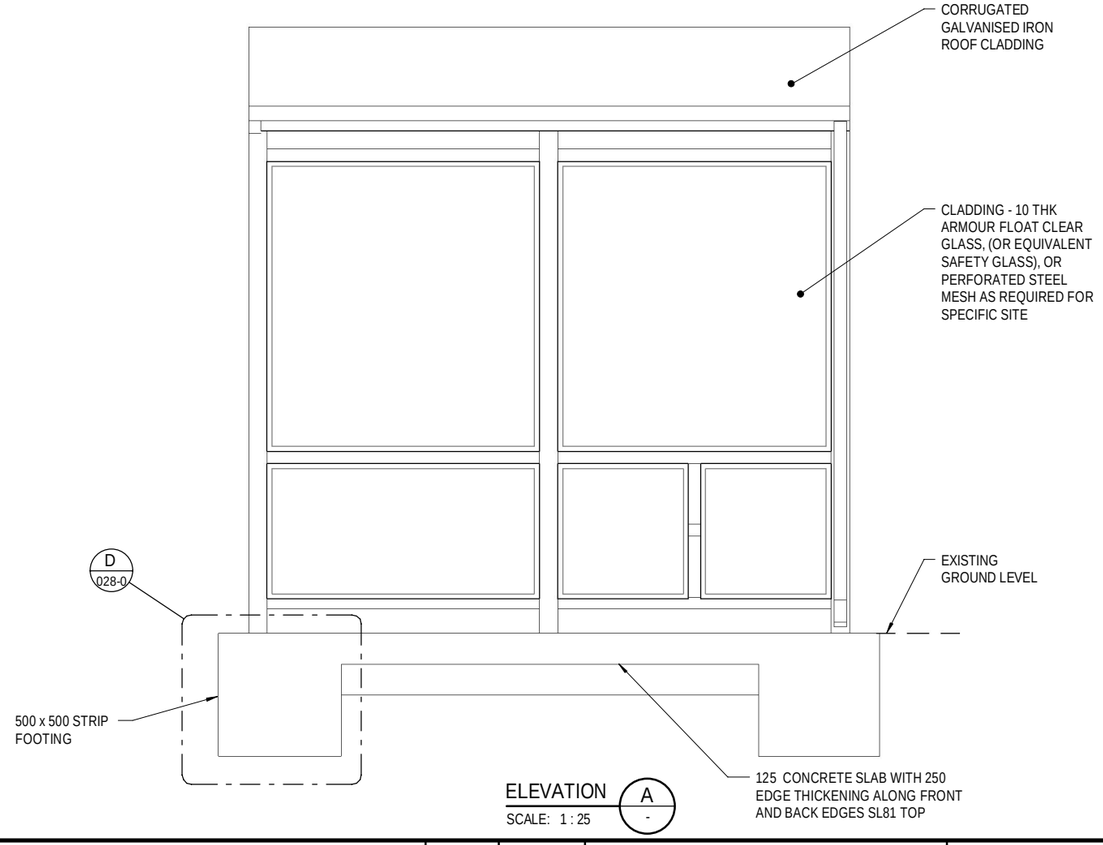
Revision 0



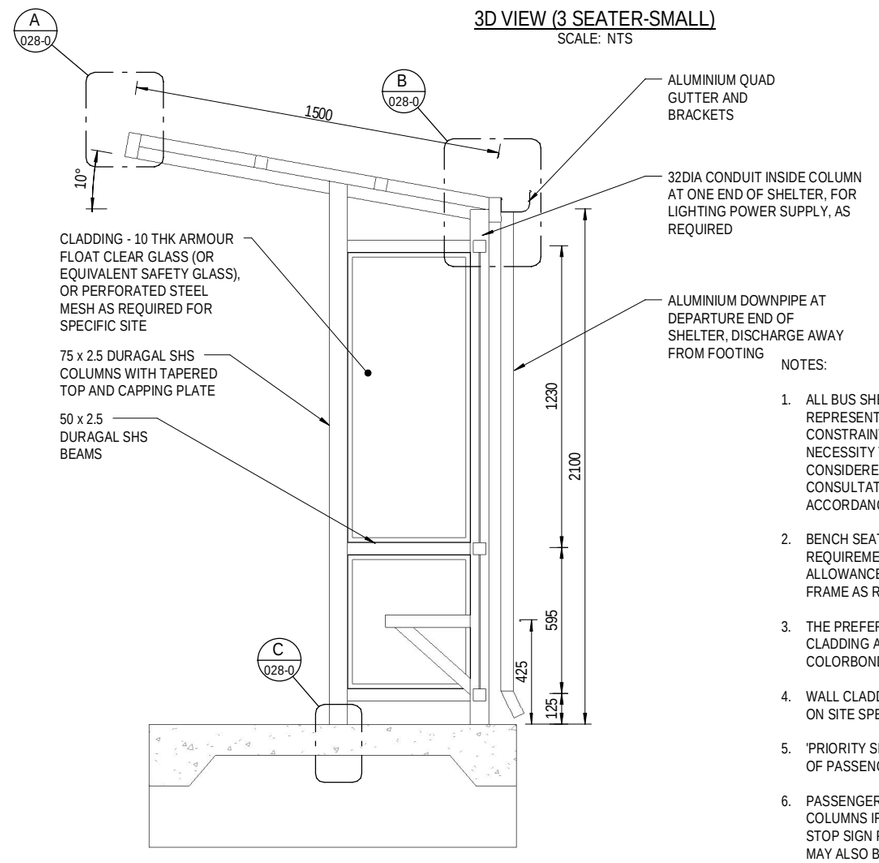
FLOOR PLAN FOR 3 SEATER (SMALL)
SCALE: 1 : 25



3D VIEW (3 SEATER-SMALL)
SCALE: NTS



ELEVATION A
SCALE: 1 : 25



SECTION 1
SCALE: 1 : 25

NOTES:

1. ALL BUS SHELTER STANDARD DRAWINGS ARE INTENDED TO REPRESENT THE TARGET PARAMETERS FOR A TYPICAL SITE. CONSTRAINTS AT SPECIFIC SITES HOWEVER MAY DICTATE THE NECESSITY TO VARY FROM THESE DRAWINGS. THIS SHALL BE CONSIDERED ON A SITE SPECIFIC BASIS, SUBJECT TO CONSULTATION WITH THE RELEVANT ROAD MANAGER, AND IN ACCORDANCE WITH THE CORE REQUIREMENTS ON SD-087-021
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6. PASSENGER INFORMATION SIGNS TO BE MOUNTED TO SHELTER COLUMNS IF REQUIRED (I.E. IF NOT MOUNTED TO AN ADJACENT BUS STOP SIGN POST). POTENTIAL FUTURE ADDITIONAL INFORMATION MAY ALSO BE MOUNTED TO COLUMNS IF REQUIRED.
7. DESIGN COLUMN DEFLECTION EQUIVALENT TO HEIGHT/150 TO BE CONSIDERED FOR GLAZING

No.	Amendment Description	Initials	Date
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DRAWN: Pitt & Sherry June 2023
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For, Director Passenger Transport

Tasmanian Government

Department of State Growth

DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS

GENERAL ARRANGEMENT (3 SEATER-SMALL)

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STANDARD DRAWING NUMBER SD-087-023-0
REVISION NUMBER 0

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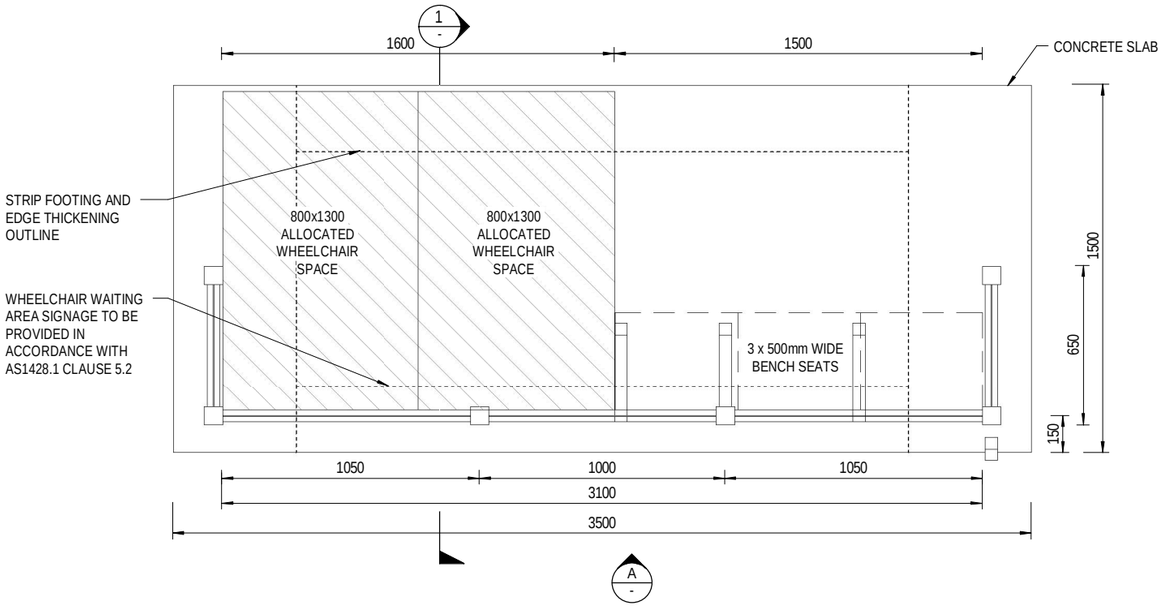
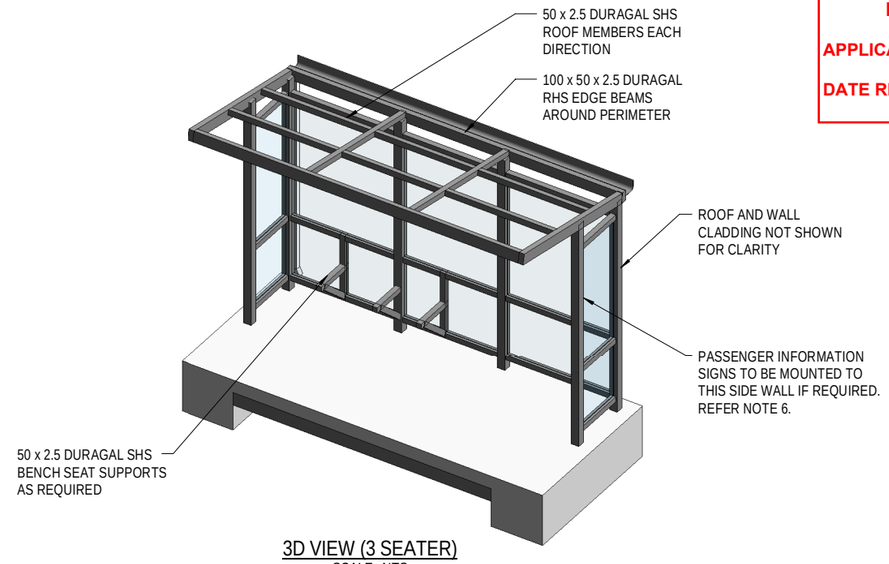
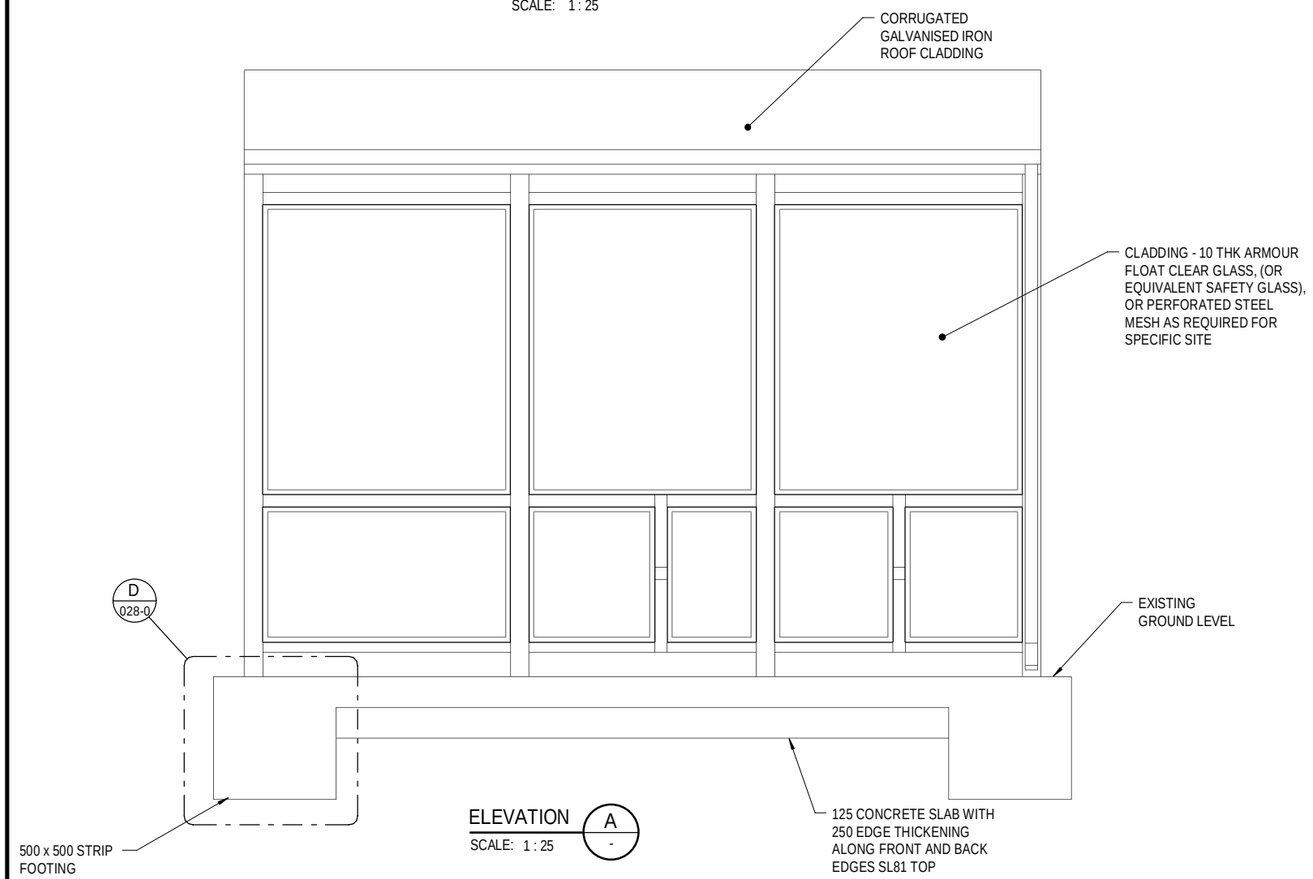


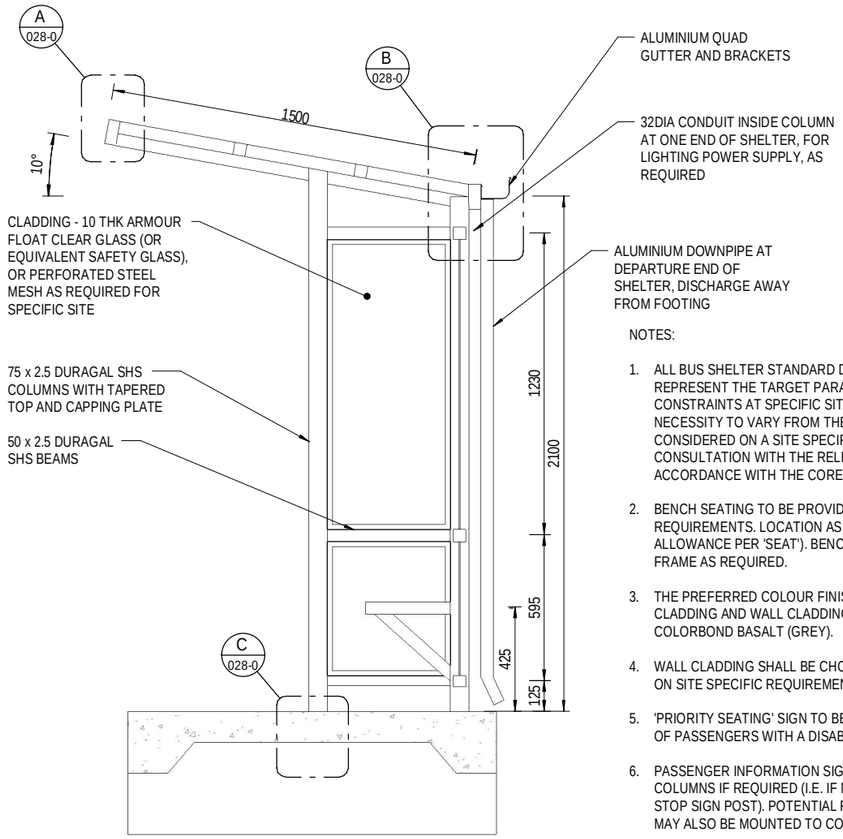
FLOOR PLAN FOR 3 SEATER
SCALE: 1 : 25



3D VIEW (3 SEATER)
SCALE: NTS



ELEVATION A
SCALE: 1 : 25



SECTION 1
SCALE: 1 : 25

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DRAWING 024-0.dwg

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For, Director Passenger Transport

Tasmanian Government

Department of State Growth

DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS

GENERAL ARRANGEMENT (3 SEATER)

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STANDARD DRAWING NUMBER SD-087-024-0
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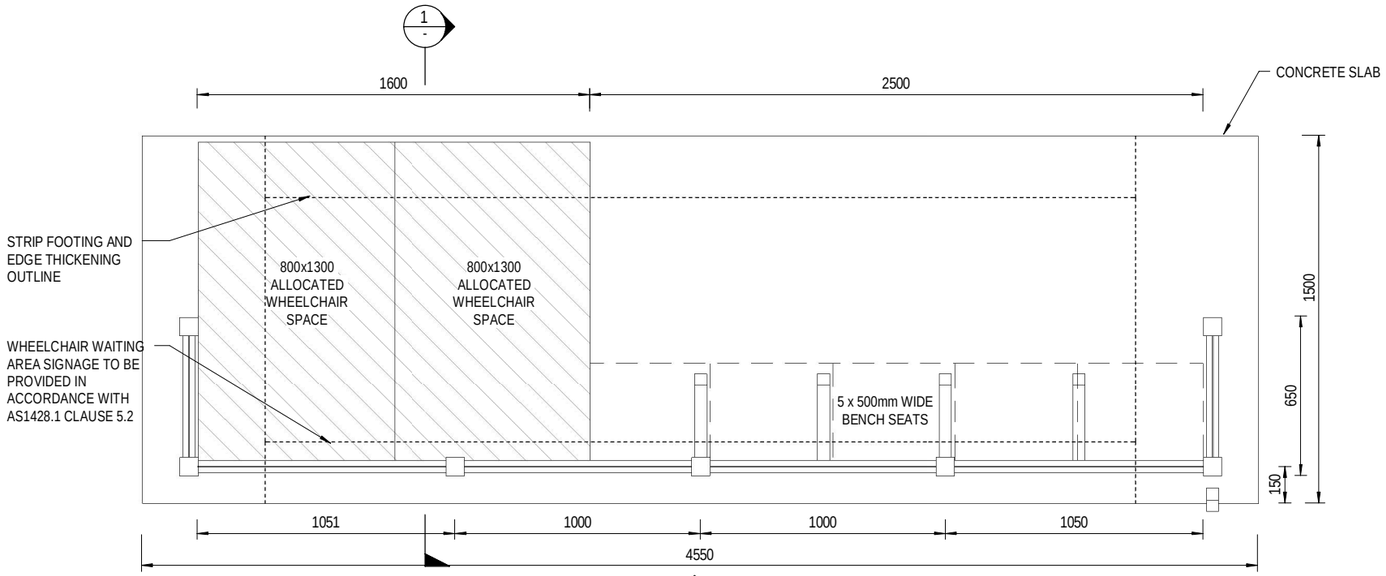
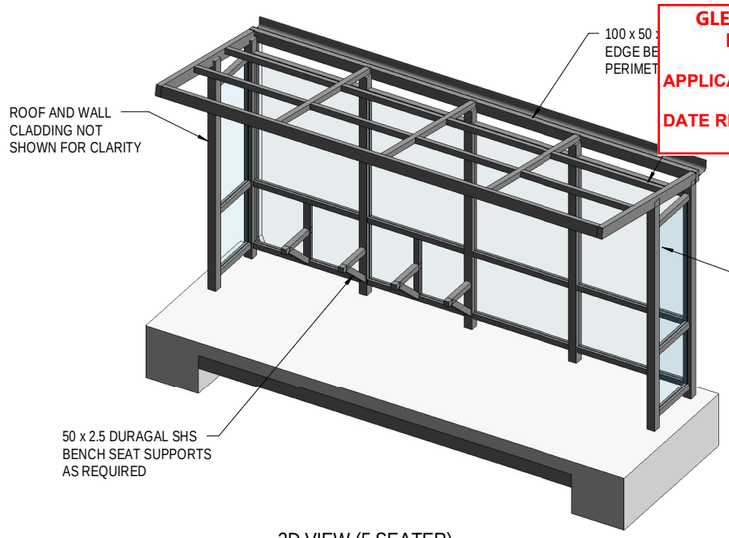
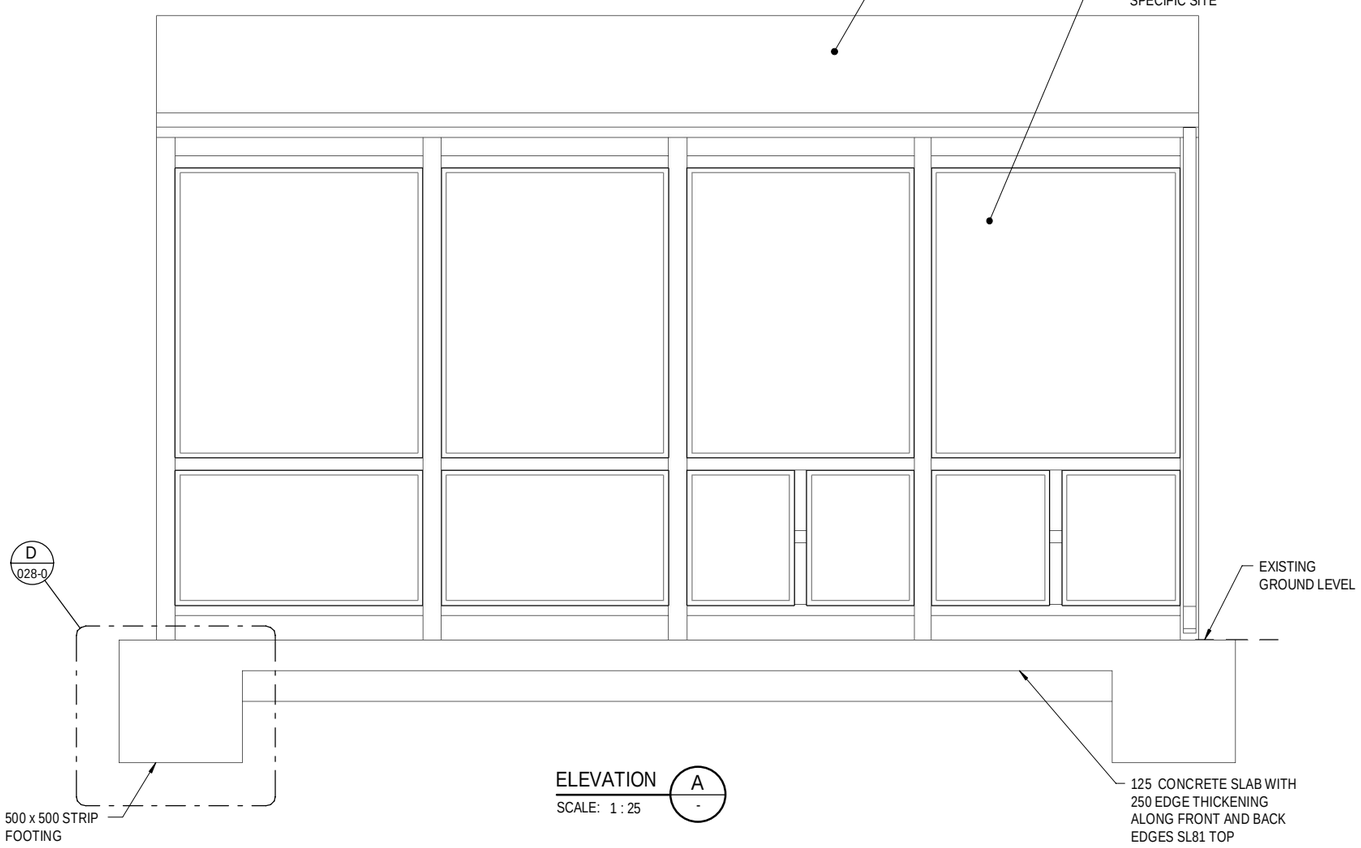


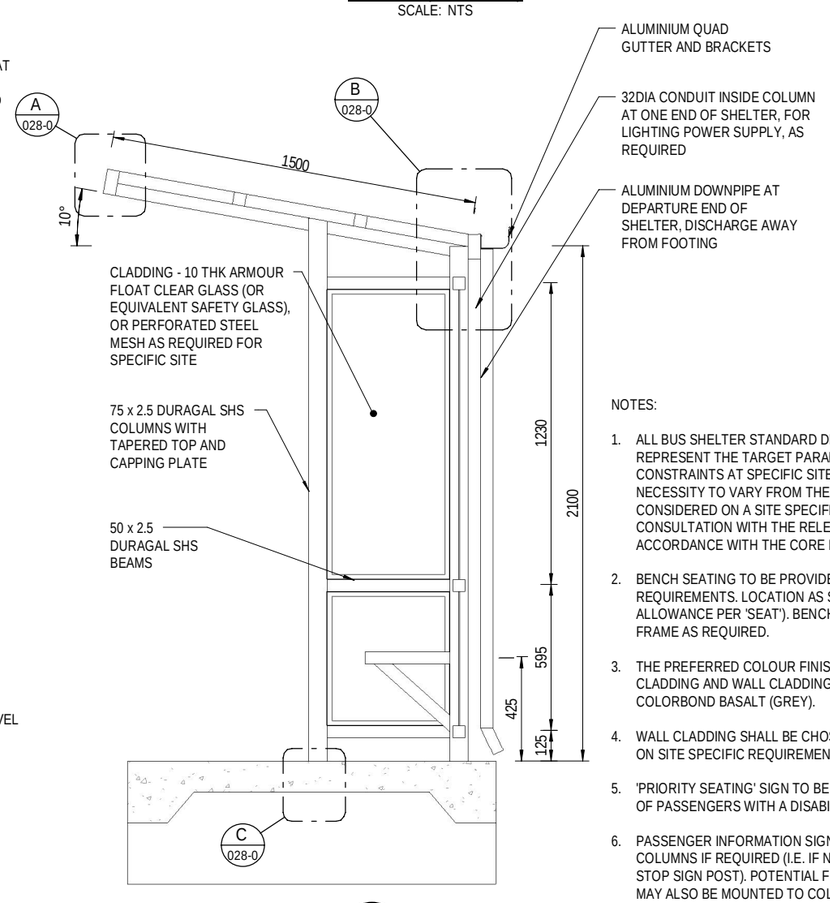
FLOOR PLAN 5 SEATER
SCALE: 1 : 25



3D VIEW (5 SEATER)
SCALE: NTS



ELEVATION A
SCALE: 1 : 25



SECTION 1
SCALE: 1 : 25

NOTES:

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DRAWING 025-0.dwg

No.	Amendment Description	Initials	Date
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A3 original	This sheet may be prepared using colour and may be incomplete if copied		

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REVIEWED: State Growth June 2023
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Tasmanian Government

Department of State Growth

DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS

GENERAL ARRANGEMENT (5 SEATER)

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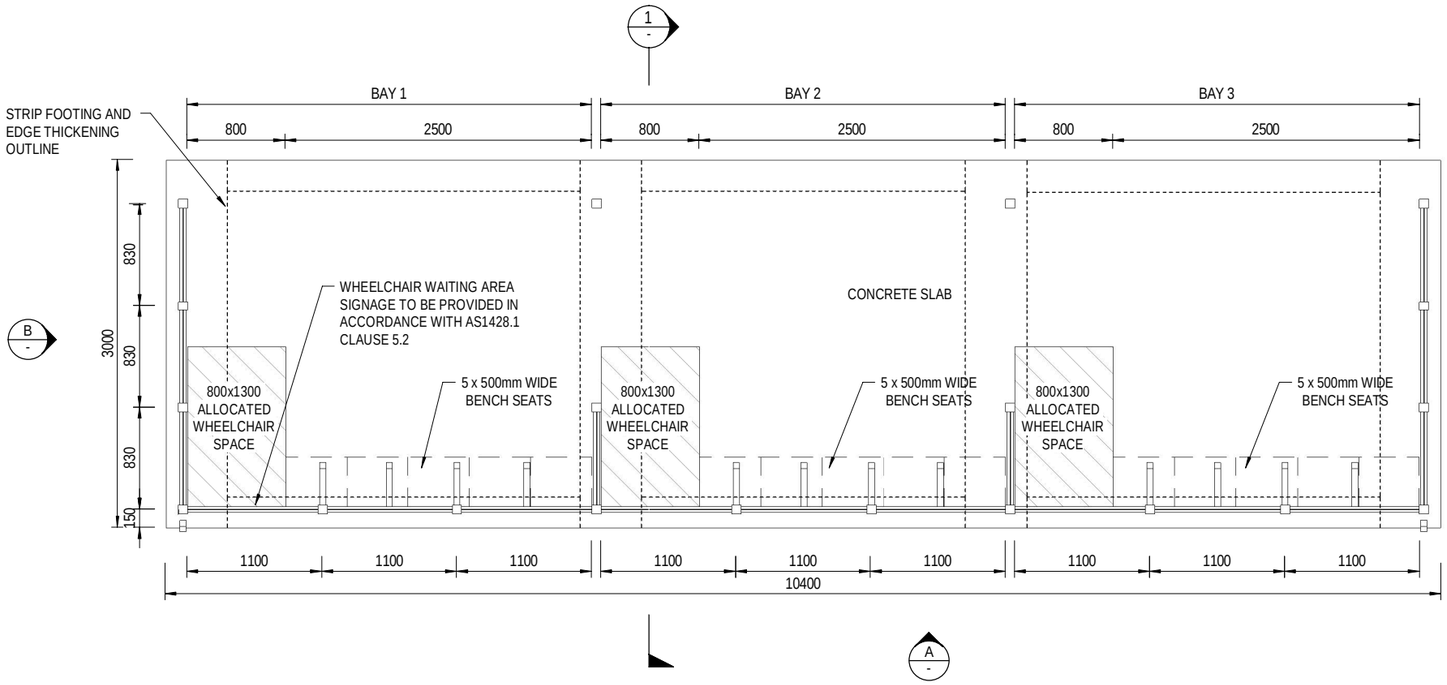
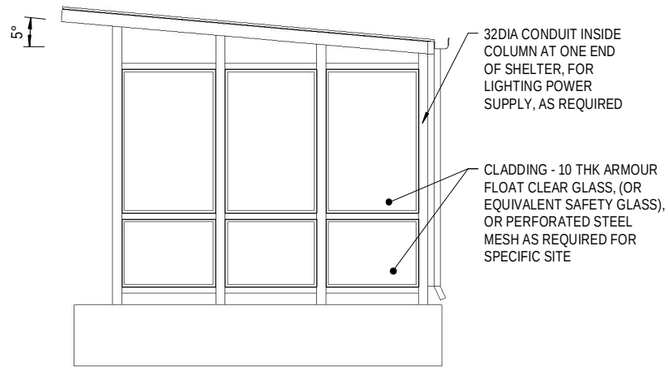
STANDARD DRAWING NUMBER SD-087-025-0
REVISION NUMBER 0

PRINTED DATE 2/06/2023 11:24:31 AM

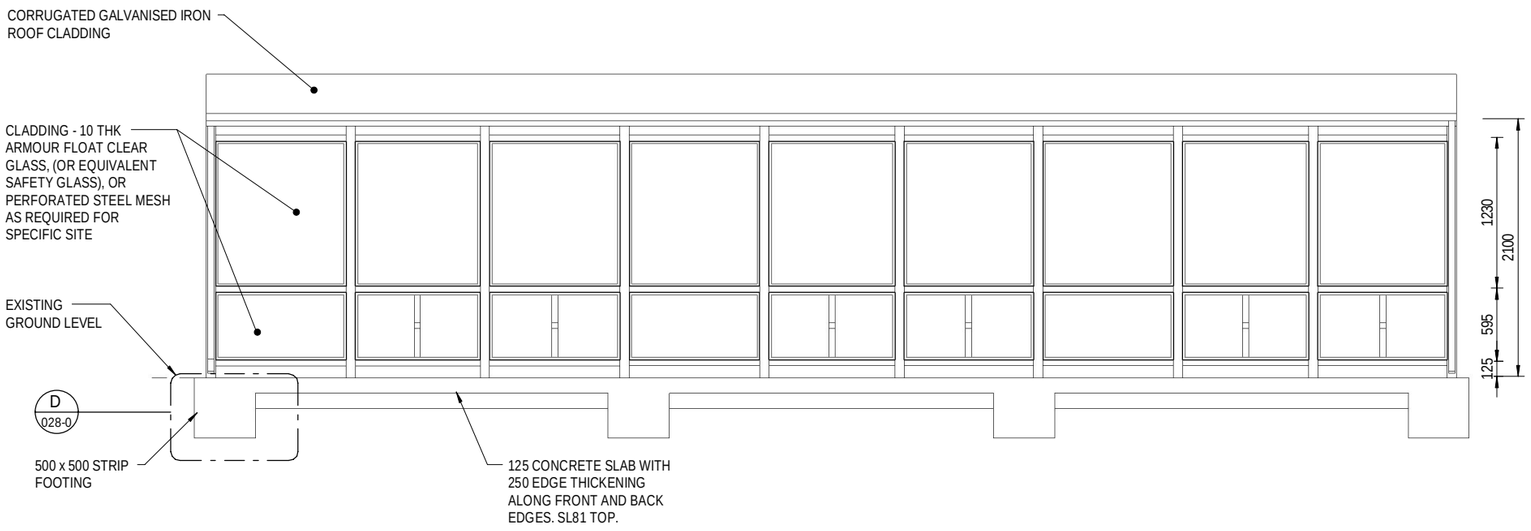
Revision 0



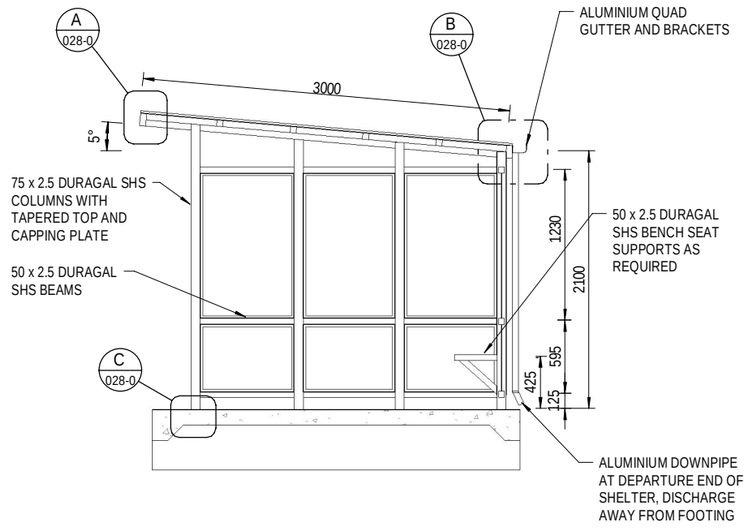
FLOOR PLAN FOR LARGE SCALE BUS SHELTER
SCALE: 1 : 50



ELEVATION B - SCALE: 1 : 50



ELEVATION A - SCALE: 1 : 50



SECTION 1 - SCALE: 1 : 50

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0	INITIAL ISSUE		
A3 original	This sheet may be prepared using colour and may be incomplete if copied		

DRAWING 026-0.dwg

DRAWN: Pitt & Sherry June 2023
REVIEWED: State Growth June 2023
APPROVED: SSWG June 2023
For, Director Passenger Transport

Tasmanian Government

Department of State Growth

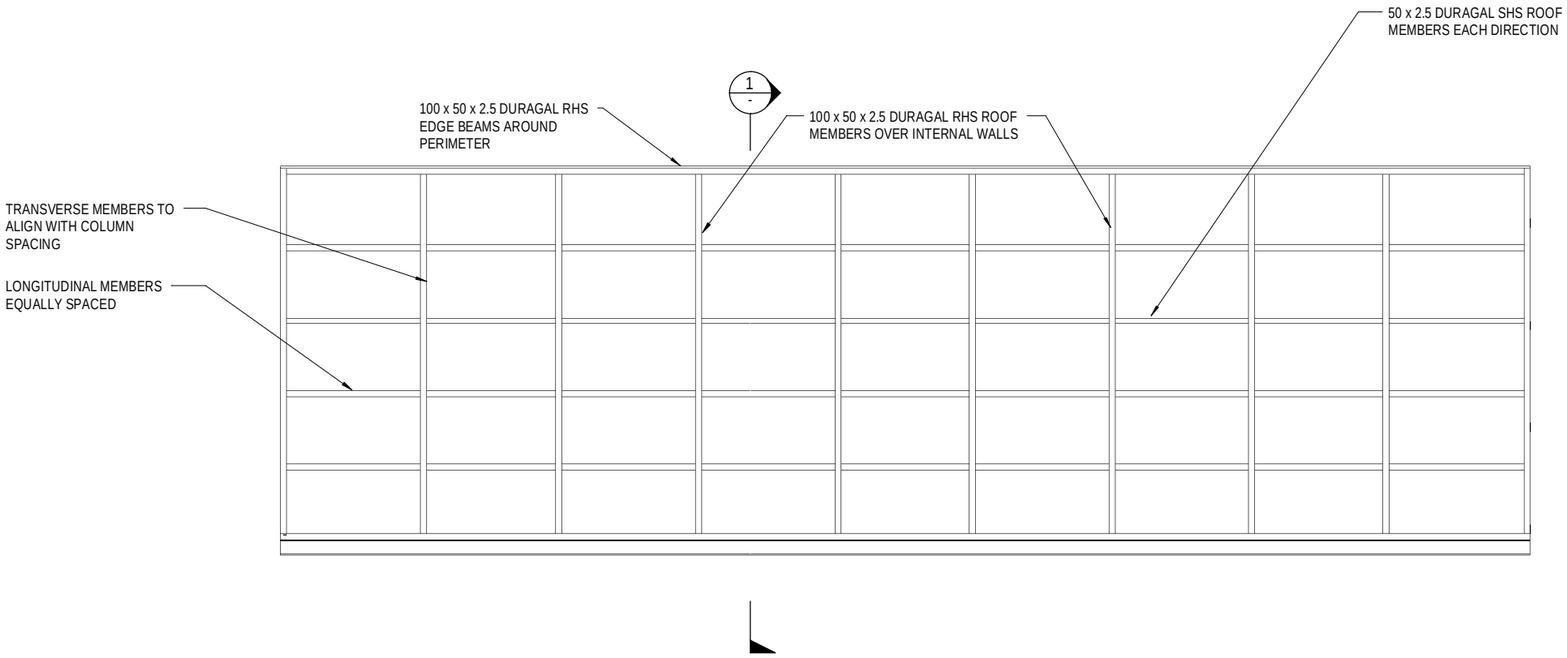
DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS

GENERAL ARRANGEMENT (LARGE SCALE)

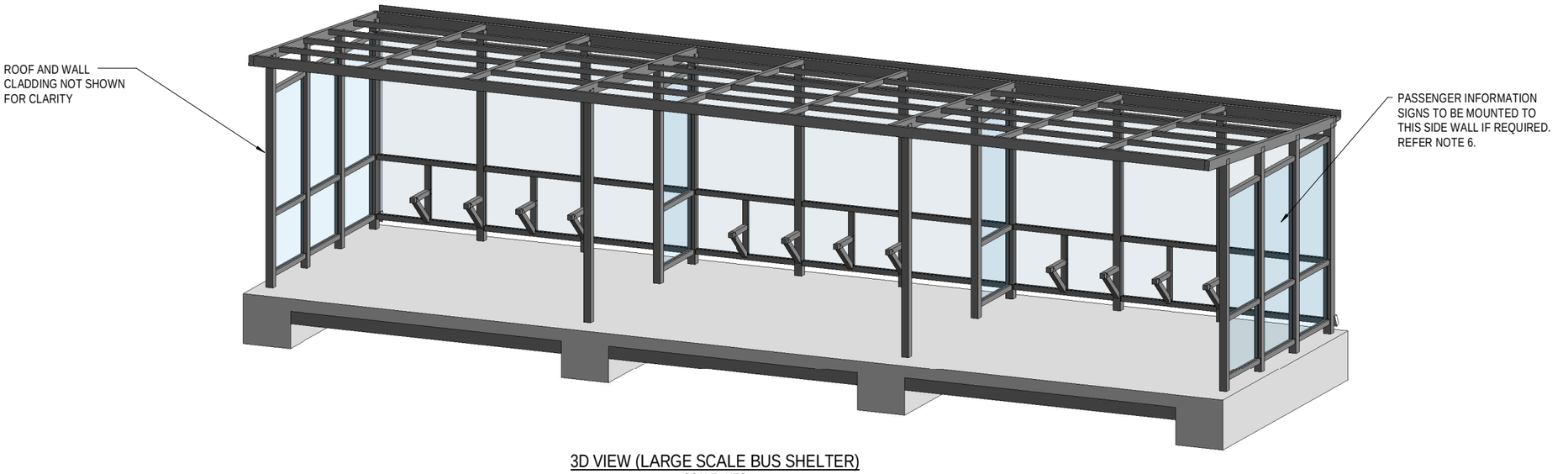
DO NOT SCALE
Use of this drawing is governed by the conditions outlined on the DSG website. It is the users responsibility to ensure it is the current revision.

STANDARD DRAWING NUMBER SD-087-026-0
REVISION NUMBER 0

PRINTED DATE 2/06/2023 11:24:31 AM



ROOF PLAN FOR LARGE SCALE BUS SHELTER
SCALE: 1 : 50



3D VIEW (LARGE SCALE BUS SHELTER)
SCALE: NTS

NOTES:

1. ALL BUS SHELTER STANDARD DRAWINGS ARE INTENDED TO REPRESENT THE TARGET PARAMETERS FOR A TYPICAL SITE. CONSTRAINTS AT SPECIFIC SITES HOWEVER MAY DICTATE THE NECESSITY TO VARY FROM THESE DRAWINGS. THIS SHALL BE CONSIDERED ON A SITE SPECIFIC BASIS, SUBJECT TO CONSULTATION WITH THE RELEVANT ROAD MANAGER, AND IN ACCORDANCE WITH THE CORE REQUIREMENTS ON SD-087-021
2. BENCH SEATING TO BE PROVIDED PER SITE SPECIFIC REQUIREMENTS. LOCATION AS SHOWN ON FLOOR PLAN (500mm ALLOWANCE PER 'SEAT'). BENCH SEAT SUPPORTS TO SHELTER FRAME AS REQUIRED.
3. THE PREFERRED COLOUR FINISH OF ALL STEELWORK, ROOF CLADDING AND WALL CLADDING (OTHER THAN GLASS) SHALL BE COLORBOND BASALT (GREY).
4. WALL CLADDING SHALL BE CHOSEN FROM OPTIONS NOTED BASED ON SITE SPECIFIC REQUIREMENTS.
5. 'PRIORITY SEATING' SIGN TO BE INSTALLED ON TWO SEATS FOR USE OF PASSENGERS WITH A DISABILITY.
6. PASSENGER INFORMATION SIGNS TO BE MOUNTED TO SHELTER COLUMNS IF REQUIRED (I.E. IF NOT MOUNTED TO AN ADJACENT BUS STOP SIGN POST). POTENTIAL FUTURE ADDITIONAL INFORMATION MAY ALSO BE MOUNTED TO COLUMNS IF REQUIRED.
7. DESIGN COLUMN DEFLECTION EQUIVALENT TO HEIGHT/150 TO BE CONSIDERED FOR GLAZING

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DRAWN: Pitt & Sherry June 2023
REVIEWED: State Growth June 2023
APPROVED: SSWG June 2023
For, Director Passenger Transport

Tasmanian Government

Department of State Growth
DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS

ELEVATION AND 3D VIEW FOR LARGE SCALE SHELTER

DO NOT SCALE
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STANDARD DRAWING NUMBER SD-087-027-0
REVISION NUMBER 0

DRAWING 027-0.dwg

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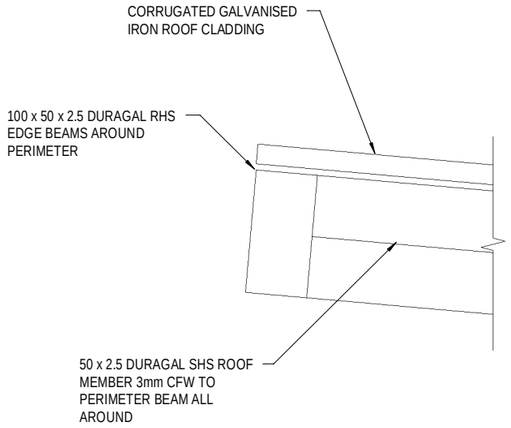
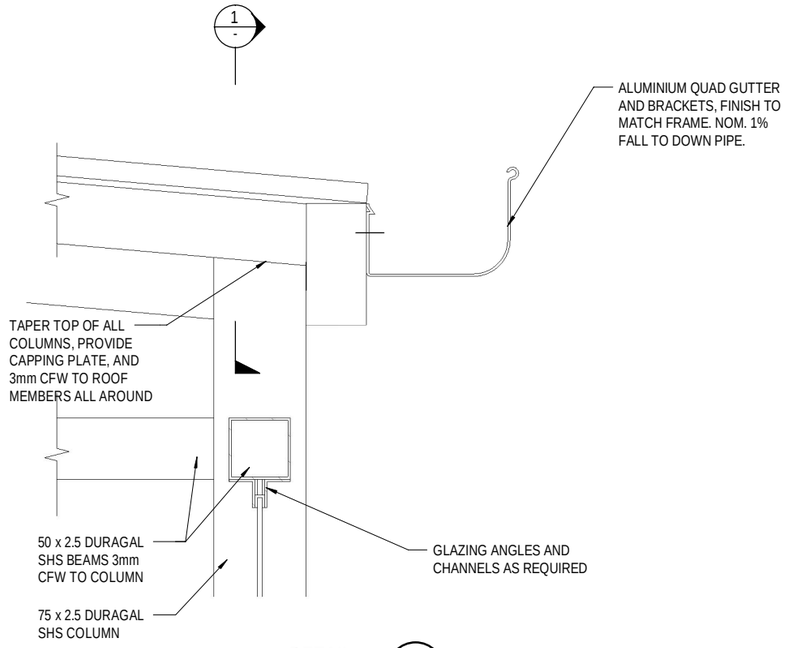
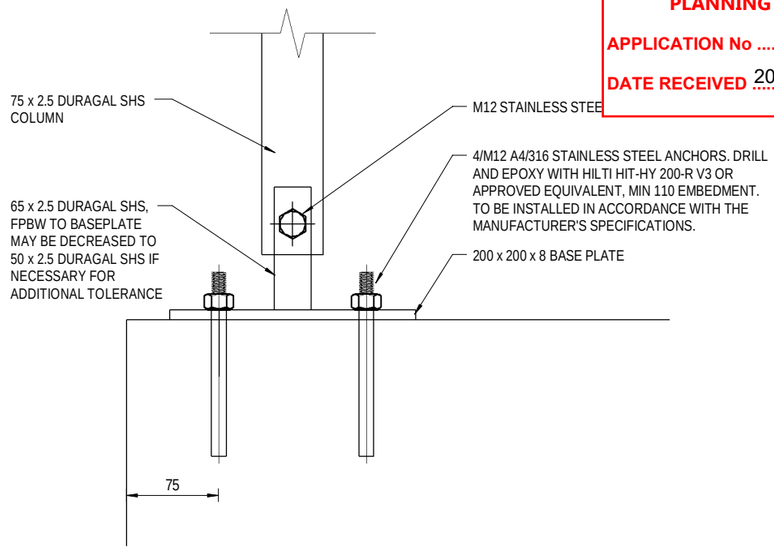


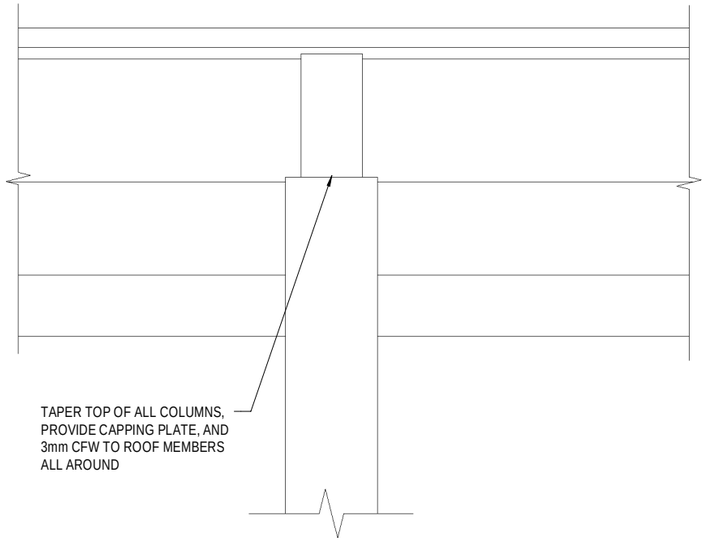
DETAIL A
SCALE: 1 : 5
(TYPICAL)



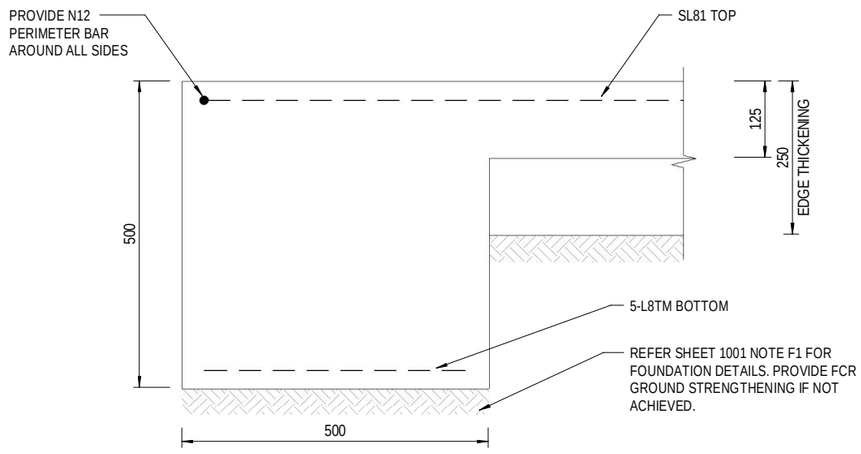
DETAIL B
SCALE: 1 : 5
(TYPICAL)



DETAIL C
SCALE: 1 : 5
(TYPICAL)



SECTION 1
SCALE: 1 : 5



DETAIL D
SCALE: 1 : 10
(TYPICAL)

NOTES:

1. ALL ROOF MEMBER-ROOF MEMBER, ROOF MEMBER-COLUMN, COLUMN-BEAM AND BEAM-BEAM CONNECTIONS TO BE 3mm CFW ALL AROUND IN ACCORDANCE WITH AS/NZS 1554.1
2. ALL BOLTS SHALL BE STAINLESS STEEL. ISOLATE BY PROVIDING NEOPRENE WASHER

No.	Amendment Description	Initials	Date
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A3 original	This sheet may be prepared using colour and may be incomplete if copied		

DRAWING 028-0.dwg

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REVIEWED: State Growth June 2023
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For, Director Passenger Transport

Tasmanian Government

Department of State Growth
DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS

DETAILS

DO NOT SCALE
Use of this drawing is governed by the conditions outlined on the DSG website. It is the users responsibility to ensure it is the current revision.

STANDARD DRAWING NUMBER SD-087-028-0
REVISION NUMBER 0

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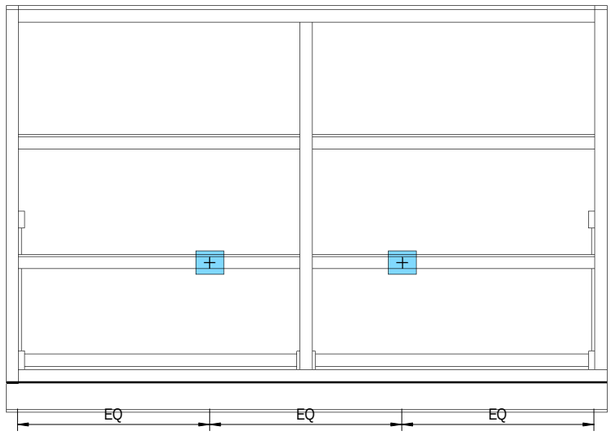
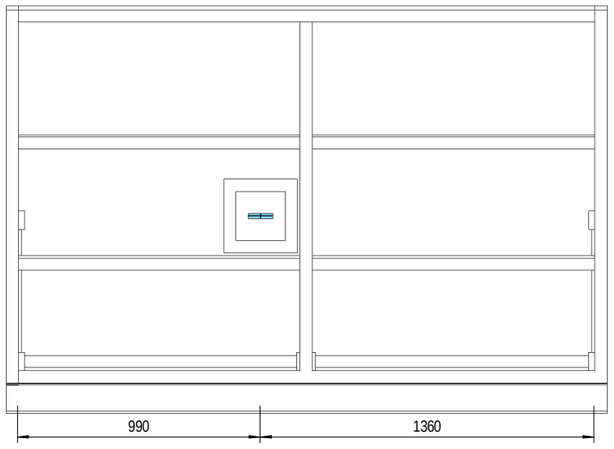


ROOF PLAN - LIGHTING 3 SEATER (SMALL) - OPTION 1 - LED LUMINAIRE

SCALE: 1 : 25



ROOF PLAN - LIGHTING 3 SEATER (SMALL) - OPTION 2 - LED LUMINAIRE

SCALE: 1 : 25

LEGEND:

1x2W, 235 LUMENS, 4000K, LEDPOD 40SQ LED LUMIN...

1x15W, 2805 LUMENS, 4000K, T3 STANDARD OPTICS
SOLAR POWERED LED LUMINAIRE WITH MOUTING AC...

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. ALL COORDINATES ARE RELATED TO AUSTRALIAN HEIGHT DATUM.
3. CONTRACTOR TO ENSURE THAT ALL WORKS ARE CARRIED OUT AS PER AUTHORITY/COUNCIL REQUIREMENTS AND SHALL COMPLY TO HEALTH & SAFETY PROCEDURES.
4. CONTRACTOR SHALL ACQUIRE ALL CONSTRUCTION WORKS NOCS BEFORE PROCEEDING WITH ANY SITE WORKS OR PROCUREMENT OF MATERIALS.
5. LIGHTING AND ASSOCIATED COMPONENTS SHALL BE VANDAL/THEFT PROOF
6. LIGHTING SHALL BE MOUNTED TO THE UNDERSIDE OF THE ROOF STRUCTURE.
7. THIS DRAWING TO BE READ IN CONJUCTURE WITH DRAWING SD-087-023
8. CLAUSE 19.1 OF AS1428.2-1992 AND AS1680.2 SPECIFIES A MINIMUM LIGHTING LEVEL OF 150 LUX, HOWEVER THIS IS RELEVANT TO INTERNAL LIGHTING, WITH NO REFERENCE TO EXTERNAL LIGHTING. A LIGHTING LEVEL OF 150 LUX IN A BUS SHELTER WOULD BE EXECPTIONALLY BRIGHT IN COMPARISON TO THE SURROUNDING ENVIRONMENT. A REDUCED LIGHTING LEVEL OF 25 LUX HAS BEEN ACCEPTED BY THE DEPARTMENT OF STATE GROWTH ON ROAD SAFETY GROUNDS. IF AN INCREASED LIGHTING LEVEL IS REQUIRED FOR A SPECIFIC SITUATION, THIS SHALL BE CONSIDERED AND DESIGNED ON A SITE SPECIFIC BASIS.

OPTION 1 - LED LUMINAIRE NOTES:

1. CONTRACTOR TO ENSURE MINIMUM LIGHTING LEVEL OF 25 LUX WITH MAXIMUM UNIFORMITY OF 8 IS ACHIEVED FOR BUS SHELTER WITH APPROPRIATE SELECTION OF LED LIGHTING LUMINAIRE (WITH DRIVERS AND DALI CONTROLLER). THE SAME SHALL BE DEMONSTRATED USING DIALUX/AGI32 LIGHTING DESIGN SOFTWARE.
2. EXACT LOCATION OF LED LIGHTING LUMINARE SHALL BE COORDINATED WITH THE BUS SHELTER STRUCTURAL DESIGN. WHILE INDICATIVE LOCATION OF LED LIGHTS IS SHOWN IN THE DRAWINGS, NECESSARY ADJUSTMENTS SHALL BE MADE ON-SITE TO SUIT THE ACTUAL CONDITION.
3. CONTRACTOR SHALL PROVIDE ELECTRICAL POWER SUPPLY TO LIGHTS AND MESSAGE BOARDS (IF APPLICABLE).
4. CABLING TO BE INSTALLED INSIDE SUPPORT STRUCTURE AND CONCEALED AS FAR AS REASONABLY PRACTICAL.
5. CONTRACTOR SHALL PROVIDE LUMINAIRE MOUNTING DETAILS BASED ON SELECTION OF LIGHTING PRODUCT.

OPTION 2 - SOLAR POWERED LED LUMINAIRE NOTES:

1. CONTRACTOR TO ENSURE MINIMUM LIGHTING LEVEL OF 25 LUX WITH MAXIMUM UNIFORMITY OF 8 IS ACHIEVED FOR BUS SHELTER WITH APPROPRIATE SELECTION OF EFFICIENT SOLAR PANEL AND LED LIGHTING LUMINAIRE. THE SAME SHALL BE DEMONSTRATED USING DIALUX/AGI32 LIGHTING DESIGN SOFTWARE.THE SELECTION OF BATTERY SHALL BE AS SUCH TO ACHIEVE A MINIMUM AUTONOMY OF 3-4 DAYS IN FULLY CHARGED CONDITIONS.
2. EXACT LOCATION OF SOLAR PANEL MODULE WITH LED LIGHT BOX BRACKET SHALL BE COORDINATED WITH THE BUS SHELTER STRUCTURAL DESIGN. WHILE INDICATIVE LOCATION OF LIGHTING MODULE IS SHOWN IN THE DRAWINGS, NECESSARY ADJUSTMENTS SHALL BE MADE ON-SITE TO SUIT THE ACTUAL CONDITION.
3. THREE STANDARD MODES OF OPERATION CAN BE ACHIEVED WITH MODULAR SOLAR LED LIGHTING SYSTEM AS STATED BELOW:
   (A) ALL NIGHT MODE - OPERATES AT A CONSTANT ALL NIGHT LEVEL OF ILLUMINATION UNTIL DAWN.
   (B) SENSOR MODE - DETECTS MOVEMENT AND INCREASES ILLUMINATION UP TO 100% UNTIL NO MOTION IS DETECTED FOR 30 SECONDS.
   (C) SURPRISE MODE - NO LIGHT UNTIL MOTION IS DETECTED THEN TURNS ON UNTIL NO MOTION IS DETECTED FOR 30 SECONDS.

   SENSOR MODE OF OPERATION IS RECOMMENDED WHICH ALLOWS FOR LOW DIMMABLE LIGHT WHICH BOOSTS UP TO HIGHER LIGHTING LEVELS UPON MOTION DETECTION BASED ON PASSIVE INFRARED SENSORS. THIS RESULTS IN HIGHER ENERGY SAVING, BETTER BATTERY AUTONOMY, AND LONGER EQUIPMENT LIFE SPAN WITH AN OPTIMISED LIGHTING OPERATION. HOWEVER, THE FINAL SELECTION OF MODE OF LIGHTING OPERATION SHALL BE BASED ON CLIENT CONFIRMATION.
4. FOR STANDARD SOLAR PANEL MODULE AND LIGHTING MOUNTING DETAILS, REFER TO MANUFACTURERS TECHNICAL DRAWINGS FOR MORE INFORMATION.
5. LIGHTING SHALL BE MOUNTED TO THE 50 x 2.5 SHS ROOF MEMBERS. IF REQUIRED, ADDITIONAL 50 x 2.5 SHS ROOF MEMBERS SHALL BE ADDED TO ROOF FRAME TO PROVIDE APPROPRIATE MOUNTING POINTS. ADDITIONAL ROOF MEMBERS 3mm CFW TO OTHER ROOF MEMBERS.

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REVIEWED: State Growth June 2023
APPROVED: SSWG June 2023
For, Director Passenger Transport

Tasmanian Government

Department of State Growth

DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS

LIGHTING (3 SEATER-SMALL)

DO NOT SCALE

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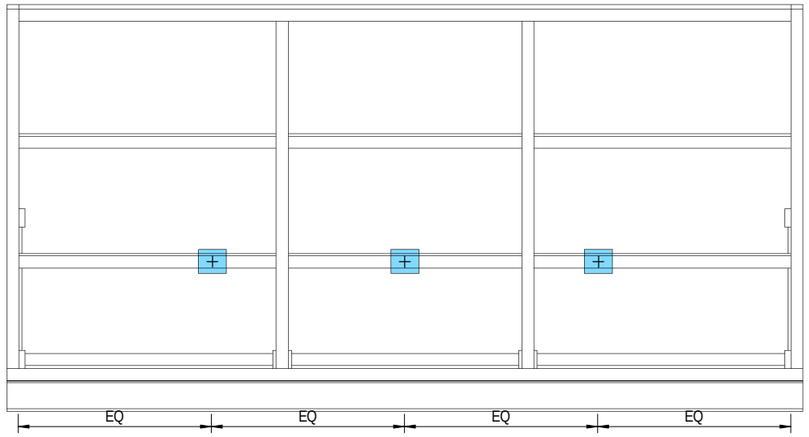
STANDARD DRAWING NUMBER: SD-087-029-0

REVISION NUMBER: 0

PRINTED DATE 2/06/2023 11:24:33 AM

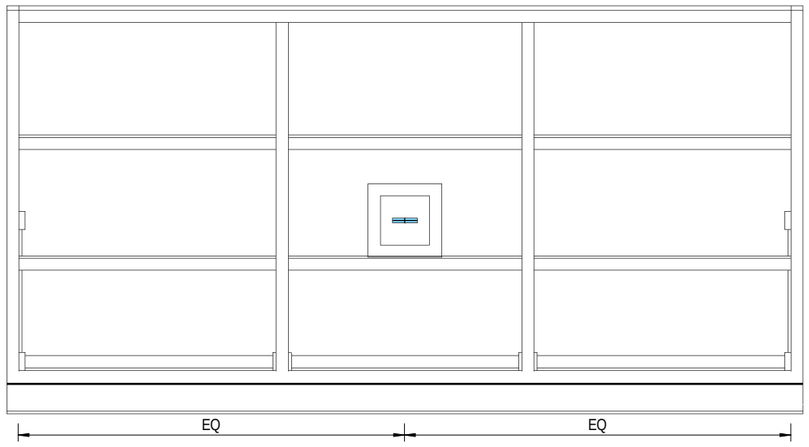
DRAWING 029-0.dwg

Revision 0



ROOF PLAN - LIGHTING 3 SEATER - OPTION 1 - LED LUMINAIRE

SCALE: 1 : 25



ROOF PLAN - LIGHTING 3 SEATER - OPTION 2 - SOLAR POWERED LED LUMINAIRE

SCALE: 1 : 25

LEGEND:

1x2W, 235 LUMENS, 4000K, LEDPOD 40SQ LED LUMIN...

1x15W, 2805 LUMENS, 4000K, T3 STANDARD OPTICS
SOLAR POWERED LED LUMINAIRE WITH MOUTING AC...

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. ALL COORDINATES ARE RELATED TO AUSTRALIAN HEIGHT DATUM.
3. CONTRACTOR TO ENSURE THAT ALL WORKS ARE CARRIED OUT AS PER AUTHORITY/COUNCIL REQUIREMENTS AND SHALL COMPLY TO HEALTH & SAFETY PROCEDURES.
4. CONTRACTOR SHALL ACQUIRE ALL CONSTRUCTION WORKS NOCS BEFORE PROCEEDING WITH ANY SITE WORKS OR PROCUREMENT OF MATERIALS.
5. LIGHTING AND ASSOCIATED COMPONENTS SHALL BE VANDAL/THEFT PROOF
6. LIGHTING SHALL BE MOUNTED TO THE UNDERSIDE OF THE ROOF STRUCTURE.
7. THIS DRAWING TO BE READ IN CONJUCTURE WITH DRAWING SD-087-023
8. CLAUSE 19.1 OF AS1428.2-1992 AND AS1680.2 SPECIFIES A MINIMUM LIGHTING LEVEL OF 150 LUX, HOWEVER THIS IS RELEVANT TO INTERNAL LIGHTING, WITH NO REFERENCE TO EXTERNAL LIGHTING. A LIGHTING LEVEL OF 150 LUX IN A BUS SHELTER WOULD BE EXECPTIONALLY BRIGHT IN COMPARISON TO THE SURROUNDING ENVIRONMENT. A REDUCED LIGHTING LEVEL OF 25 LUX HAS BEEN ACCEPTED BY THE DEPARTMENT OF STATE GROWTH ON ROAD SAFETY GROUNDS. IF AN INCREASED LIGHTING LEVEL IS REQUIRED FOR A SPECIFIC SITUATION, THIS SHALL BE CONSIDERED AND DESIGNED ON A SITE SPECIFIC BASIS.

OPTION 1 - LED LUMINAIRE NOTES:

1. CONTRACTOR TO ENSURE MINIMUM LIGHTING LEVEL OF 25 LUX WITH MAXIMUM UNIFORMITY OF 8 IS ACHIEVED FOR BUS SHELTER WITH APPROPRIATE SELECTION OF LED LIGHTING LUMINAIRE (WITH DRIVERS AND DALI CONTROLLER). THE SAME SHALL BE DEMONSTRATED USING DIALUX/AGI32 LIGHTING DESIGN SOFTWARE.
2. EXACT LOCATION OF LED LIGHTING LUMINARE SHALL BE COORDINATED WITH THE BUS SHELTER STRUCTURAL DESIGN. WHILE INDICATIVE LOCATION OF LED LIGHTS IS SHOWN IN THE DRAWINGS, NECESSARY ADJUSTMENTS SHALL BE MADE ON-SITE TO SUIT THE ACTUAL CONDITION.
3. CONTRACTOR SHALL PROVIDE ELECTRICAL POWER SUPPLY TO LIGHTS AND MESSAGE BOARDS (IF APPLICABLE).
4. CABLING TO BE INSTALLED INSIDE SUPPORT STRUCTURE AND CONCEALED AS FAR AS REASONABLY PRACTICAL.
5. CONTRACTOR SHALL PROVIDE LUMINAIRE MOUNTING DETAILS BASED ON SELECTION OF LIGHTING PRODUCT.

OPTION 2 - SOLAR POWERED LED LUMINAIRE NOTES:

1. CONTRACTOR TO ENSURE MINIMUM LIGHTING LEVEL OF 25 LUX WITH MAXIMUM UNIFORMITY OF 8 IS ACHIEVED FOR BUS SHELTER WITH APPROPRIATE SELECTION OF EFFICIENT SOLAR PANEL AND LED LIGHTING LUMINAIRE. THE SAME SHALL BE DEMONSTRATED USING DIALUX/AGI32 LIGHTING DESIGN SOFTWARE.THE SELECTION OF BATTERY SHALL BE AS SUCH TO ACHIEVE A MINIMUM AUTONOMY OF 3-4 DAYS IN FULLY CHARGED CONDITIONS.
2. EXACT LOCATION OF SOLAR PANEL MODULE WITH LED LIGHT BOX BRACKET SHALL BE COORDINATED WITH THE BUS SHELTER STRUCTURAL DESIGN. WHILE INDICATIVE LOCATION OF LIGHTING MODULE IS SHOWN IN THE DRAWINGS, NECESSARY ADJUSTMENTS SHALL BE MADE ON-SITE TO SUIT THE ACTUAL CONDITION.
3. THREE STANDARD MODES OF OPERATION CAN BE ACHIEVED WITH MODULAR SOLAR LED LIGHTING SYSTEM AS STATED BELOW:
   (A) ALL NIGHT MODE - OPERATES AT A CONSTANT ALL NIGHT LEVEL OF ILLUMINATION UNTIL DAWN.
   (B) SENSOR MODE - DETECTS MOVEMENT AND INCREASES ILLUMINATION UP TO 100% UNTIL NO MOTION IS DETECTED FOR 30 SECONDS.
   (C) SURPRISE MODE - NO LIGHT UNTIL MOTION IS DETECTED THEN TURNS ON UNTIL NO MOTION IS DETECTED FOR 30 SECONDS.

   SENSOR MODE OF OPERATION IS RECOMMENDED WHICH ALLOWS FOR LOW DIMMABLE LIGHT WHICH BOOSTS UP TO HIGHER LIGHTING LEVELS UPON MOTION DETECTION BASED ON PASSIVE INFRARED SENSORS. THIS RESULTS IN HIGHER ENERGY SAVING, BETTER BATTERY AUTONOMY, AND LONGER EQUIPMENT LIFE SPAN WITH AN OPTIMISED LIGHTING OPERATION. HOWEVER, THE FINAL SELECTION OF MODE OF LIGHTING OPERATION SHALL BE BASED ON CLIENT CONFIRMATION.
4. FOR STANDARD SOLAR PANEL MODULE AND LIGHTING MOUNTING DETAILS, REFER TO MANUFACTURERS TECHNICAL DRAWINGS FOR MORE INFORMATION.
5. LIGHTING SHALL BE MOUNTED TO THE 50 x 2.5 SHS ROOF MEMBERS. IF REQUIRED, ADDITIONAL 50 x 2.5 SHS ROOF MEMBERS SHALL BE ADDED TO ROOF FRAME TO PROVIDE APPROPRIATE MOUNTING POINTS. ADDITIONAL ROOF MEMBERS 3mm CFW TO OTHER ROOF MEMBERS.

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APPROVED: SSWG June 2023
For, Director Passenger Transport

Tasmanian Government

Department of State Growth

DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS

LIGHTING (3 SEATER)

DO NOT SCALE

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STANDARD DRAWING NUMBER SD-087-030-0

REVISION NUMBER 0

DRAWING 030-0.dwg

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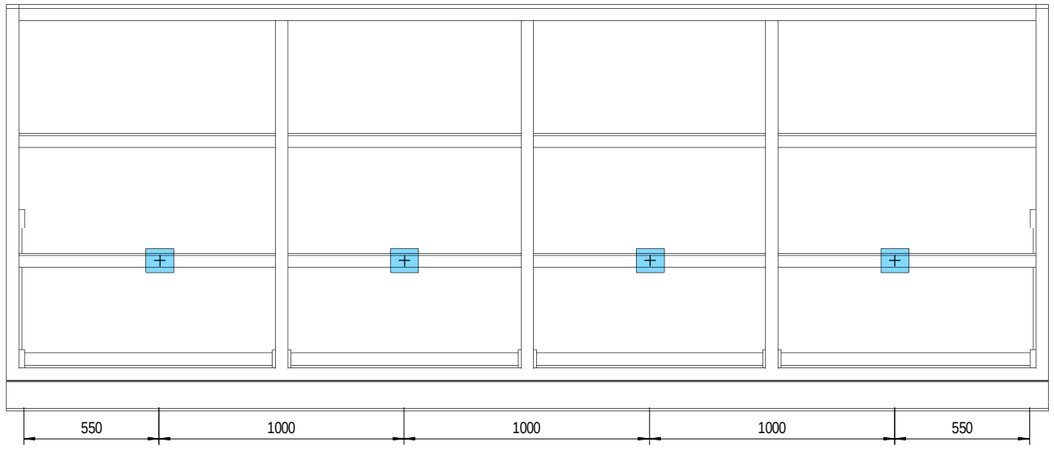
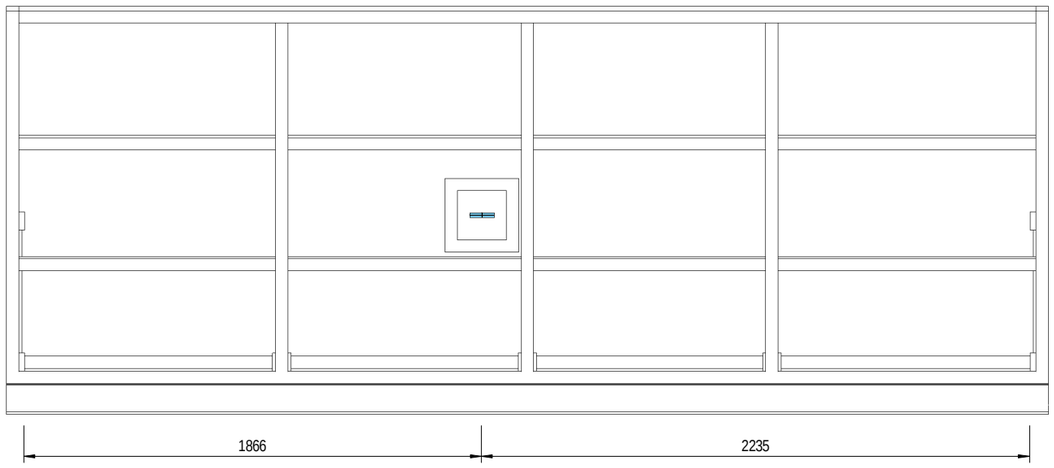


ROOF PLAN - LIGHTING 5 SEATER - OPTION 1 - LED LUMINAIRE
SCALE: 1 : 25



ROOF PLAN - LIGHTING 5 SEATER - OPTION 2 - SOLAR POWERED LED LUMINAIRE
SCALE: 1 : 25

LEGEND:

1x2W, 235 LUMENS, 4000K, LEDPOD 40SQ LED LUMIN...

1x15W, 2805 LUMENS, 4000K, T3 STANDARD OPTICS
SOLAR POWERED LED LUMINAIRE WITH MOUTING AC...

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. ALL COORDINATES ARE RELATED TO AUSTRALIAN HEIGHT DATUM.
3. CONTRACTOR TO ENSURE THAT ALL WORKS ARE CARRIED OUT AS PER AUTHORITY/COUNCIL REQUIREMENTS AND SHALL COMPLY TO HEALTH & SAFETY PROCEDURES.
4. CONTRACTOR SHALL ACQUIRE ALL CONSTRUCTION WORKS NOCS BEFORE PROCEEDING WITH ANY SITE WORKS OR PROCUREMENT OF MATERIALS.
5. LIGHTING AND ASSOCIATED COMPONENTS SHALL BE VANDAL/THEFT PROOF
6. LIGHTING SHALL BE MOUNTED TO THE UNDERSIDE OF THE ROOF STRUCTURE.
7. THIS DRAWING TO BE READ IN CONJUCTURE WITH DRAWING SD-087-023
8. CLAUSE 19.1 OF AS1428.2-1992 AND AS1680.2 SPECIFIES A MINIMUM LIGHTING LEVEL OF 150 LUX, HOWEVER THIS IS RELEVANT TO INTERNAL LIGHTING, WITH NO REFERENCE TO EXTERNAL LIGHTING. A LIGHTING LEVEL OF 150 LUX IN A BUS SHELTER WOULD BE EXECPTIONALLY BRIGHT IN COMPARISON TO THE SURROUNDING ENVIRONMENT. A REDUCED LIGHTING LEVEL OF 25 LUX HAS BEEN ACCEPTED BY THE DEPARTMENT OF STATE GROWTH ON ROAD SAFETY GROUNDS. IF AN INCREASED LIGHTING LEVEL IS REQUIRED FOR A SPECIFIC SITUATION, THIS SHALL BE CONSIDERED AND DESIGNED ON A SITE SPECIFIC BASIS.

OPTION 1 - LED LUMINAIRE NOTES:

1. CONTRACTOR TO ENSURE MINIMUM LIGHTING LEVEL OF 25 LUX WITH MAXIMUM UNIFORMITY OF 8 IS ACHIEVED FOR BUS SHELTER WITH APPROPRIATE SELECTION OF LED LIGHTING LUMINAIRE (WITH DRIVERS AND DALI CONTROLLER). THE SAME SHALL BE DEMONSTRATED USING DIALUX/AGI32 LIGHTING DESIGN SOFTWARE.
2. EXACT LOCATION OF LED LIGHTING LUMINARE SHALL BE COORDINATED WITH THE BUS SHELTER STRUCTURAL DESIGN. WHILE INDICATIVE LOCATION OF LED LIGHTS IS SHOWN IN THE DRAWINGS, NECESSARY ADJUSTMENTS SHALL BE MADE ON-SITE TO SUIT THE ACTUAL CONDITION.
3. CONTRACTOR SHALL PROVIDE ELECTRICAL POWER SUPPLY TO LIGHTS AND MESSAGE BOARDS (IF APPLICABLE).
4. CABLING TO BE INSTALLED INSIDE SUPPORT STRUCTURE AND CONCEALED AS FAR AS REASONABLY PRACTICAL.
5. CONTRACTOR SHALL PROVIDE LUMINAIRE MOUNTING DETAILS BASED ON SELECTION OF LIGHTING PRODUCT.

OPTION 2 - SOLAR POWERED LED LUMINAIRE NOTES:

1. CONTRACTOR TO ENSURE MINIMUM LIGHTING LEVEL OF 25 LUX WITH MAXIMUM UNIFORMITY OF 8 IS ACHIEVED FOR BUS SHELTER WITH APPROPRIATE SELECTION OF EFFICIENT SOLAR PANEL AND LED LIGHTING LUMINAIRE. THE SAME SHALL BE DEMONSTRATED USING DIALUX/AGI32 LIGHTING DESIGN SOFTWARE.THE SELECTION OF BATTERY SHALL BE AS SUCH TO ACHIEVE A MINIMUM AUTONOMY OF 3-4 DAYS IN FULLY CHARGED CONDITIONS.
2. EXACT LOCATION OF SOLAR PANEL MODULE WITH LED LIGHT BOX BRACKET SHALL BE COORDINATED WITH THE BUS SHELTER STRUCTURAL DESIGN. WHILE INDICATIVE LOCATION OF LIGHTING MODULE IS SHOWN IN THE DRAWINGS, NECESSARY ADJUSTMENTS SHALL BE MADE ON-SITE TO SUIT THE ACTUAL CONDITION.
3. THREE STANDARD MODES OF OPERATION CAN BE ACHIEVED WITH MODULAR SOLAR LED LIGHTING SYSTEM AS STATED BELOW:
   (A) ALL NIGHT MODE - OPERATES AT A CONSTANT ALL NIGHT LEVEL OF ILLUMINATION UNTIL DAWN.
   (B) SENSOR MODE - DETECTS MOVEMENT AND INCREASES ILLUMINATION UP TO 100% UNTIL NO MOTION IS DETECTED FOR 30 SECONDS.
   (C) SURPRISE MODE - NO LIGHT UNTIL MOTION IS DETECTED THEN TURNS ON UNTIL NO MOTION IS DETECTED FOR 30 SECONDS.

   SENSOR MODE OF OPERATION IS RECOMMENDED WHICH ALLOWS FOR LOW DIMMABLE LIGHT WHICH BOOSTS UP TO HIGHER LIGHTING LEVELS UPON MOTION DETECTION BASED ON PASSIVE INFRARED SENSORS. THIS RESULTS IN HIGHER ENERGY SAVING, BETTER BATTERY AUTONOMY, AND LONGER EQUIPMENT LIFE SPAN WITH AN OPTIMISED LIGHTING OPERATION. HOWEVER, THE FINAL SELECTION OF MODE OF LIGHTING OPERATION SHALL BE BASED ON CLIENT CONFIRMATION.
4. FOR STANDARD SOLAR PANEL MODULE AND LIGHTING MOUNTING DETAILS, REFER TO MANUFACTURERS TECHNICAL DRAWINGS FOR MORE INFORMATION.
5. LIGHTING SHALL BE MOUNTED TO THE 50 x 2.5 SHS ROOF MEMBERS. IF REQUIRED, ADDITIONAL 50 x 2.5 SHS ROOF MEMBERS SHALL BE ADDED TO ROOF FRAME TO PROVIDE APPROPRIATE MOUNTING POINTS. ADDITIONAL ROOF MEMBERS 3mm CFW TO OTHER ROOF MEMBERS.

No.	Amendment Description	Initials	Date
0	INITIAL ISSUE		
A3 original	This sheet may be prepared using colour and may be incomplete if copied		

DRAWN: Pitt & Sherry June 2023
REVIEWED: State Growth June 2023
APPROVED: SSWG June 2023
For, Director Passenger Transport

Tasmanian Government

Department of State Growth

DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS

LIGHTING (5 SEATER)

DO NOT SCALE

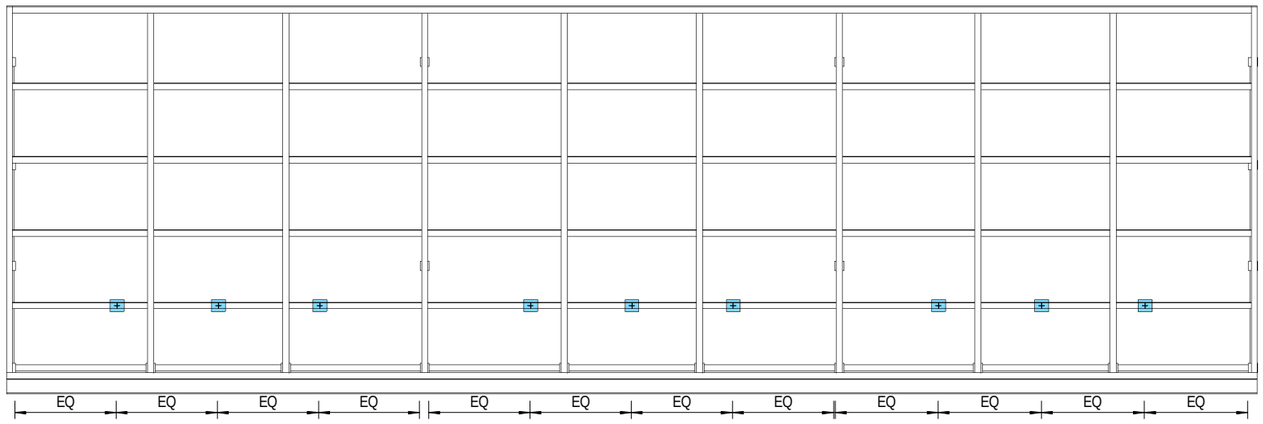
Use of this drawing is governed by the conditions outlined on the DSG website. It is the users responsibility to ensure it is the current revision.

STANDARD DRAWING NUMBER SD-087-031-0

REVISION NUMBER 0

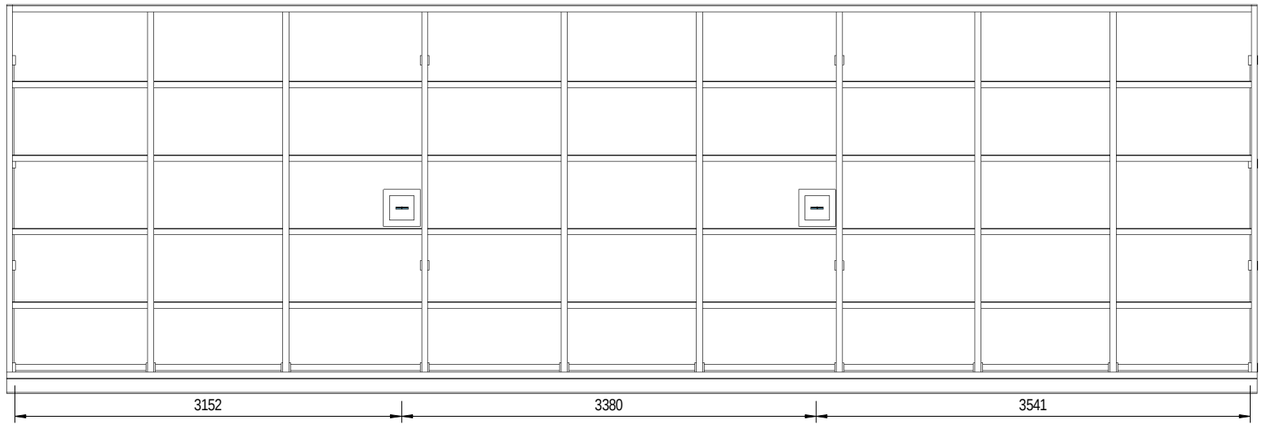
DRAWING 031-0.dwg

PRINTED DATE 2/06/2023 11:24:34 AM



ROOF PLAN - LIGHTING LARGE SCALE - OPTION 1 - LED LUMINAIRE

SCALE: 1 : 50



ROOF PLAN - LIGHTING LARGE SCALE - OPTION 2 - SOLAR POWERED LED LUMINAIRE

SCALE: 1 : 50

LEGEND:

1x2W, 235 LUMENS, 4000K, LEDPOD 40SQ LED LUMIN...

1x15W, 2805 LUMENS, 4000K, T3 STANDARD OPTICS
SOLAR POWERED LED LUMINAIRE WITH MOUTING AC...

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 20 December 2024

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. ALL COORDINATES ARE RELATED TO AUSTRALIAN HEIGHT DATUM.
3. CONTRACTOR TO ENSURE THAT ALL WORKS ARE CARRIED OUT AS PER AUTHORITY/COUNCIL REQUIREMENTS AND SHALL COMPLY TO HEALTH & SAFETY PROCEDURES.
4. CONTRACTOR SHALL ACQUIRE ALL CONSTRUCTION WORKS NOCS BEFORE PROCEEDING WITH ANY SITE WORKS OR PROCUREMENT OF MATERIALS.
5. LIGHTING AND ASSOCIATED COMPONENTS SHALL BE VANDAL/THEFT PROOF
6. LIGHTING SHALL BE MOUNTED TO THE UNDERSIDE OF THE ROOF STRUCTURE.
7. THIS DRAWING TO BE READ IN CONJUCTURE WITH DRAWING SD-087-023
8. CLAUSE 19.1 OF AS1428.2-1992 AND AS1680.2 SPECIFIES A MINIMUM LIGHTING LEVEL OF 150 LUX, HOWEVER THIS IS RELEVANT TO INTERNAL LIGHTING, WITH NO REFERENCE TO EXTERNAL LIGHTING. A LIGHTING LEVEL OF 150 LUX IN A BUS SHELTER WOULD BE EXECPTIONALLY BRIGHT IN COMPARISON TO THE SURROUNDING ENVIRONMENT. A REDUCED LIGHTING LEVEL OF 25 LUX HAS BEEN ACCEPTED BY THE DEPARTMENT OF STATE GROWTH ON ROAD SAFETY GROUNDS. IF AN INCREASED LIGHTING LEVEL IS REQUIRED FOR A SPECIFIC SITUATION, THIS SHALL BE CONSIDERED AND DESIGNED ON A SITE SPECIFIC BASIS.

OPTION 1 - LED LUMINAIRE NOTES:

1. CONTRACTOR TO ENSURE MINIMUM LIGHTING LEVEL OF 25 LUX WITH MAXIMUM UNIFORMITY OF 8 IS ACHIEVED FOR BUS SHELTER WITH APPROPRIATE SELECTION OF LED LIGHTING LUMINAIRE (WITH DRIVERS AND DALI CONTROLLER). THE SAME SHALL BE DEMONSTRATED USING DIALUX/AGI32 LIGHTING DESIGN SOFTWARE.
2. EXACT LOCATION OF LED LIGHTING LUMINARE SHALL BE COORDINATED WITH THE BUS SHELTER STRUCTURAL DESIGN. WHILE INDICATIVE LOCATION OF LED LIGHTS IS SHOWN IN THE DRAWINGS, NECESSARY ADJUSTMENTS SHALL BE MADE ON-SITE TO SUIT THE ACTUAL CONDITION.
3. CONTRACTOR SHALL PROVIDE ELECTRICAL POWER SUPPLY TO LIGHTS AND MESSAGE BOARDS (IF APPLICABLE).
4. CABLING TO BE INSTALLED INSIDE SUPPORT STRUCTURE AND CONCEALED AS FAR AS REASONABLY PRACTICAL.
5. CONTRACTOR SHALL PROVIDE LUMINAIRE MOUNTING DETAILS BASED ON SELECTION OF LIGHTING PRODUCT.

OPTION 2 - SOLAR POWERED LED LUMINAIRE NOTES:

1. CONTRACTOR TO ENSURE MINIMUM LIGHTING LEVEL OF 25 LUX WITH MAXIMUM UNIFORMITY OF 8 IS ACHIEVED FOR BUS SHELTER WITH APPROPRIATE SELECTION OF EFFICIENT SOLAR PANEL AND LED LIGHTING LUMINAIRE. THE SAME SHALL BE DEMONSTRATED USING DIALUX/AGI32 LIGHTING DESIGN SOFTWARE.THE SELECTION OF BATTERY SHALL BE AS SUCH TO ACHIEVE A MINIMUM AUTONOMY OF 3-4 DAYS IN FULLY CHARGED CONDITIONS.
2. EXACT LOCATION OF SOLAR PANEL MODULE WITH LED LIGHT BOX BRACKET SHALL BE COORDINATED WITH THE BUS SHELTER STRUCTURAL DESIGN. WHILE INDICATIVE LOCATION OF LIGHTING MODULE IS SHOWN IN THE DRAWINGS, NECESSARY ADJUSTMENTS SHALL BE MADE ON-SITE TO SUIT THE ACTUAL CONDITION.
3. THREE STANDARD MODES OF OPERATION CAN BE ACHIEVED WITH MODULAR SOLAR LED LIGHTING SYSTEM AS STATED BELOW:
   (A) ALL NIGHT MODE - OPERATES AT A CONSTANT ALL NIGHT LEVEL OF ILLUMINATION UNTIL DAWN.
   (B) SENSOR MODE - DETECTS MOVEMENT AND INCREASES ILLUMINATION UP TO 100% UNTIL NO MOTION IS DETECTED FOR 30 SECONDS.
   (C) SURPRISE MODE - NO LIGHT UNTIL MOTION IS DETECTED THEN TURNS ON UNTIL NO MOTION IS DETECTED FOR 30 SECONDS.

   SENSOR MODE OF OPERATION IS RECOMMENDED WHICH ALLOWS FOR LOW DIMMABLE LIGHT WHICH BOOSTS UP TO HIGHER LIGHTING LEVELS UPON MOTION DETECTION BASED ON PASSIVE INFRARED SENSORS. THIS RESULTS IN HIGHER ENERGY SAVING, BETTER BATTERY AUTONOMY, AND LONGER EQUIPMENT LIFE SPAN WITH AN OPTIMISED LIGHTING OPERATION. HOWEVER, THE FINAL SELECTION OF MODE OF LIGHTING OPERATION SHALL BE BASED ON CLIENT CONFIRMATION.
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0	INITIAL ISSUE		

A3 original — This sheet may be prepared using colour and may be incomplete if copied

DRAWN: Pitt & Sherry June 2023
REVIEWED: State Growth June 2023
APPROVED: SSWG June 2023
For, Director Passenger Transport

Tasmanian Government

Department of State Growth

DEPARTMENT OF STATE GROWTH
TRAFFIC FACILITIES
STANDARD BUS STOP SHELTERS

LIGHTING (LARGE SCALE)

DO NOT SCALE

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STANDARD DRAWING NUMBER SD-087-032-0

REVISION NUMBER 0

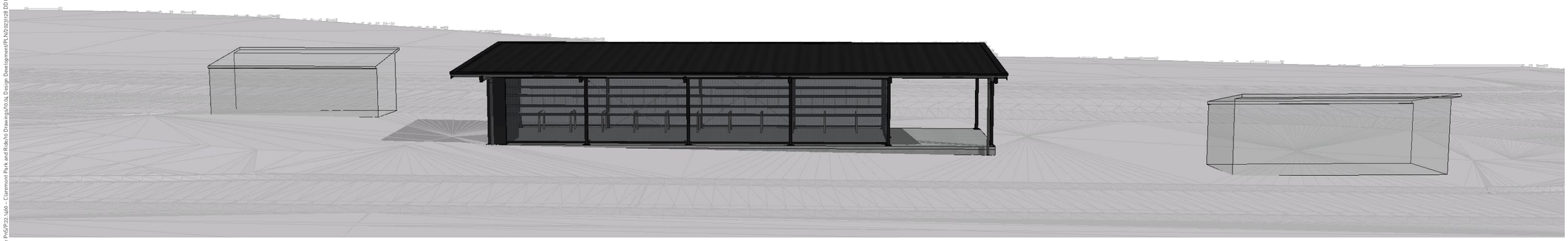
PRINTED DATE 2/06/2023 11:24:34 AM

DRAWING 032-0.dwg

Park and Ride - Claremont - DESIGN DEVELOPMENT

At Claremont Link Road - PnR Location Claremont

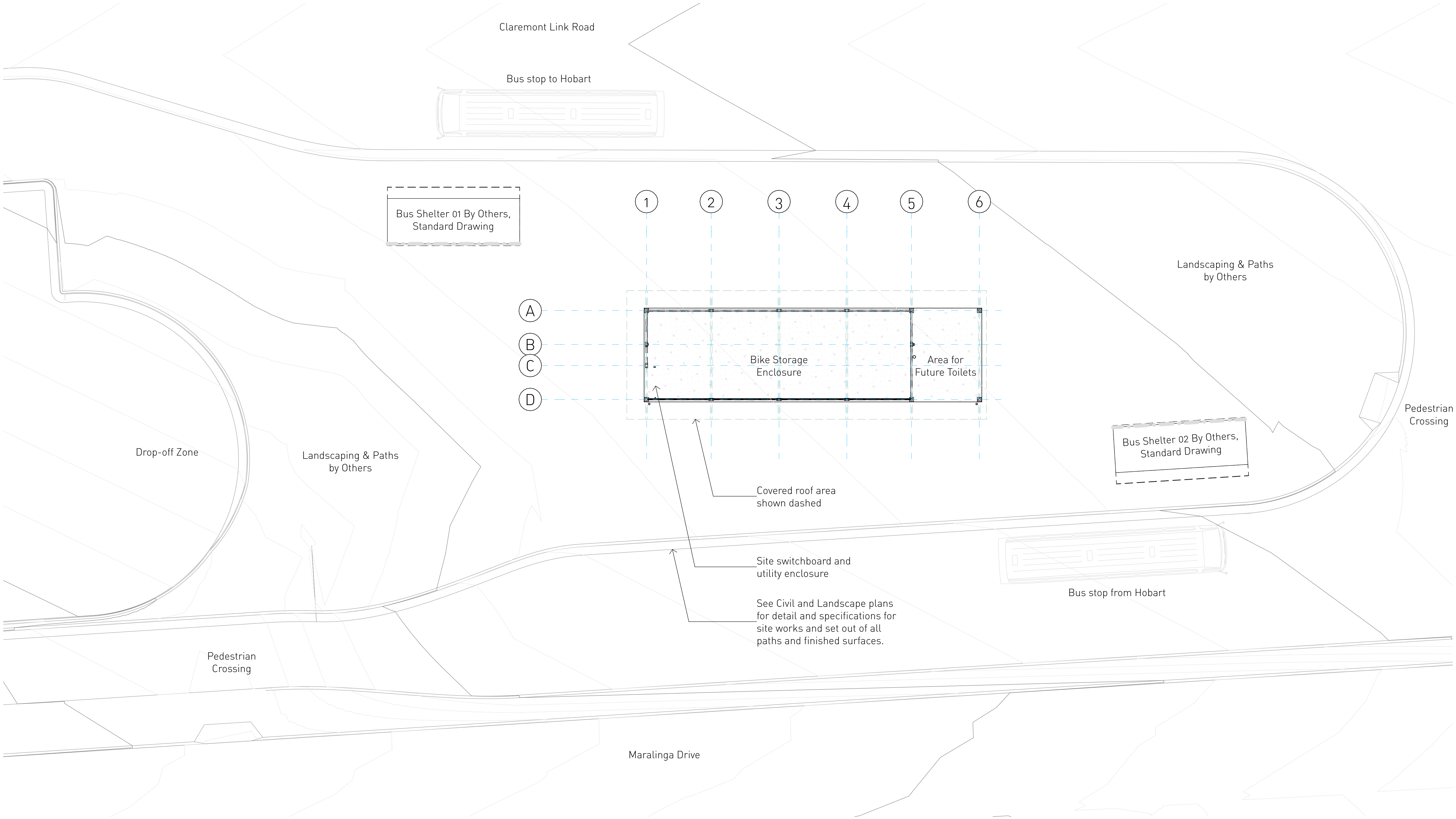
DRAWING No.	DESCRIPTION	Drawing Scales
A000	Cover Page / Drawing List	
A001	Site Plan	1:200
A100	Footing Plan	1:100, 1:20
A101	General Arrangment Plan	1:100, 1:10
A102	Roof Framining Plan	1:100
A103	Roof Plan	1:100
A110	Reflected Ceiling Plan	1:100
A200	Elevations - Sheet 01	1:100
A300	Sections - Sheet 01	1:100
A600	Door Schedule & Signage	
A601	Bike Furniture - BH01	1:20, 1:5, 1:10
A602	Bike Furniture - BH02	1:20, 1:10
A700	3D Perspectives	1:400



REV	DATE	NOTES
a	8/2/2024	For Detailed Design Subbmission

BYA architects
03 6286 7319
architects@bya-architects.com.au

PROJECT: Park and Ride - Claremont
DATE: 8/2/2024
PROJECT NUMBER: xxxx
DRAWING NUMBER: A000
CLIENT: DSG
ADDRESS: Claremont Link Road - PnR Location Claremont
SCALE @A3:
DRAWN: NV
CHECKED: DE
DRAWING: Cover Page / Drawing List
PURPOSE: DESIGN DEVELOPMENT
REVISION: a


Claremont Link Road
Bus stop to Hobart
Bus Shelter 01 By Others, Standard Drawing
1
2
3
4
5
6
A
B
C
D
Landscaping & Paths by Others
Bike Storage Enclosure
Area for Future Toilets
Bus Shelter 02 By Others, Standard Drawing
Pedestrian Crossing
Drop-off Zone
Landscaping & Paths by Others
Covered roof area shown dashed
Site switchboard and utility enclosure
See Civil and Landscape plans for detail and specifications for site works and set out of all paths and finished surfaces.
Bus stop from Hobart
Pedestrian Crossing
Maralinga Drive

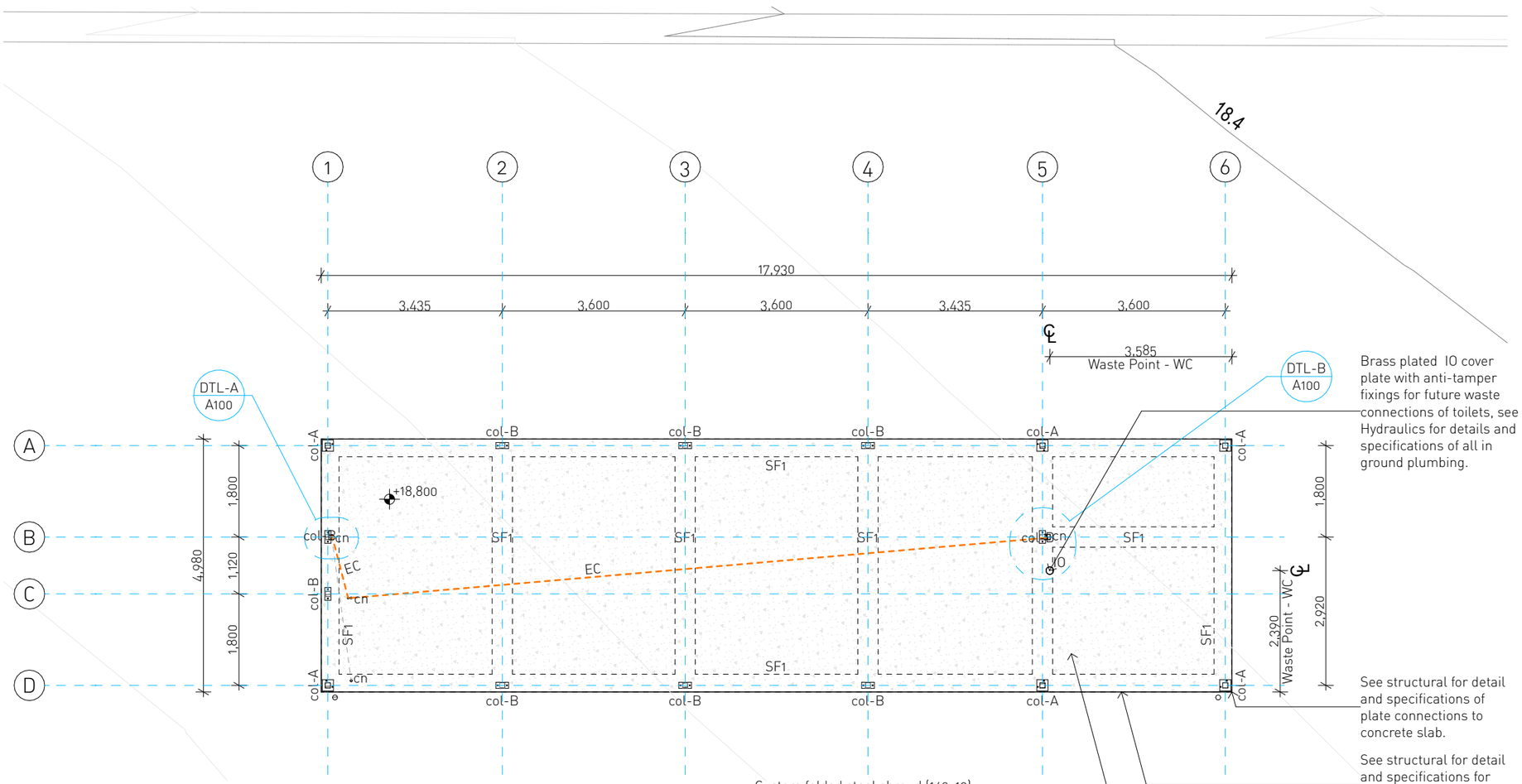
REV	DATE	NOTES
a	8/2/2024	For Detailed Design Submission

BYA architects

03 6286 7319
architects@bya-architects.com.au

PROJECT: Park and Ride - Claremont		DATE: 8/2/2024	PROJECT NUMBER: xxxx	DRAWING NUMBER: A001
CLIENT: DSG	ADDRESS: Claremont Link Road - PnR Location Claremont	SCALE @A3: 1:200	DRAWN: NV; CHECKED: DE	
DRAWING: Site Plan		PURPOSE: DESIGN DEVELOPMENT		REVISION: a

1] **AS1428.1: 2021** - Design for access and mobility
2] **AS3000 : 2018** - Electrical Installations
3] **AS2890.3: 2015** - Parking facilities - Bicycle parking facilities

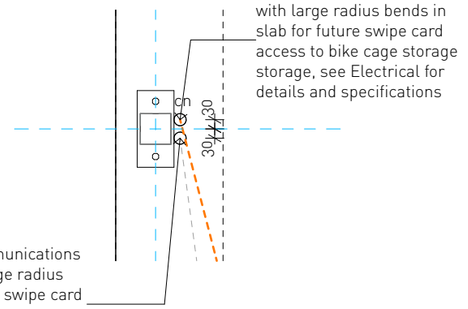


Brass plated IO cover plate with anti-tamper fixings for future waste connections of toilets, see Hydraulics for details and specifications of all in ground plumbing.

See structural for detail and specifications of plate connections to concrete slab.

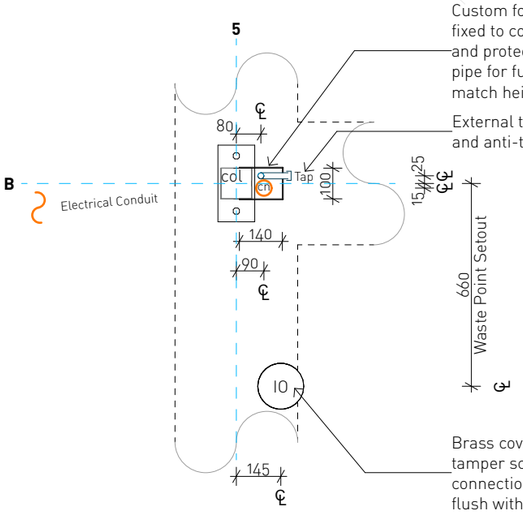
See structural for detail and specifications for slab on ground and strip footings

Concrete slab on ground, exposed aggregate finish, See landscape plans for pavement and paths material.



50mm dia electrical conduit with large radius bends in slab for future swipe card access to bike cage storage storage, see Electrical for details and specifications

50mm dia communications conduit with large radius bends for future swipe card access to bike cage storage, see Electrical for details and specification



Custom folded steel shroud (140x10) fixed to column to securely encase and protect conduits and water feed pipe for future works, shroud to match height of column.

External tap with key lock and anti-tamper fixings

Brass cover plate fixed with anti-tamper screw fixings for future waste connection point, cover plate to be flush with finished concrete surface.

A - Conduit Setout Detail
Scale 1:20

B - Conduit Setout Detail
Scale 1:20

MATERIALS & FINISHES:

CB1:	ColorBond - Monument
PT1:	Dulux - Colour to be confirmed with DSG & PT
PT2:	Exposed steel with applied Dulux system, Colour to be confirmed by DSG & PT
PT3:	Concealed steel with applied Dulux system
AC:	MondoClad 3mm aluminium panel, colour:
C/S:	Compressed cement sheet and pant finish (PT1) as specified
ASF:	ASF Securemax 358 mesh, with securemax fixings
SOG:	Slab on ground, Exposed Aggregate finish.

LEGENDS & NOTES:

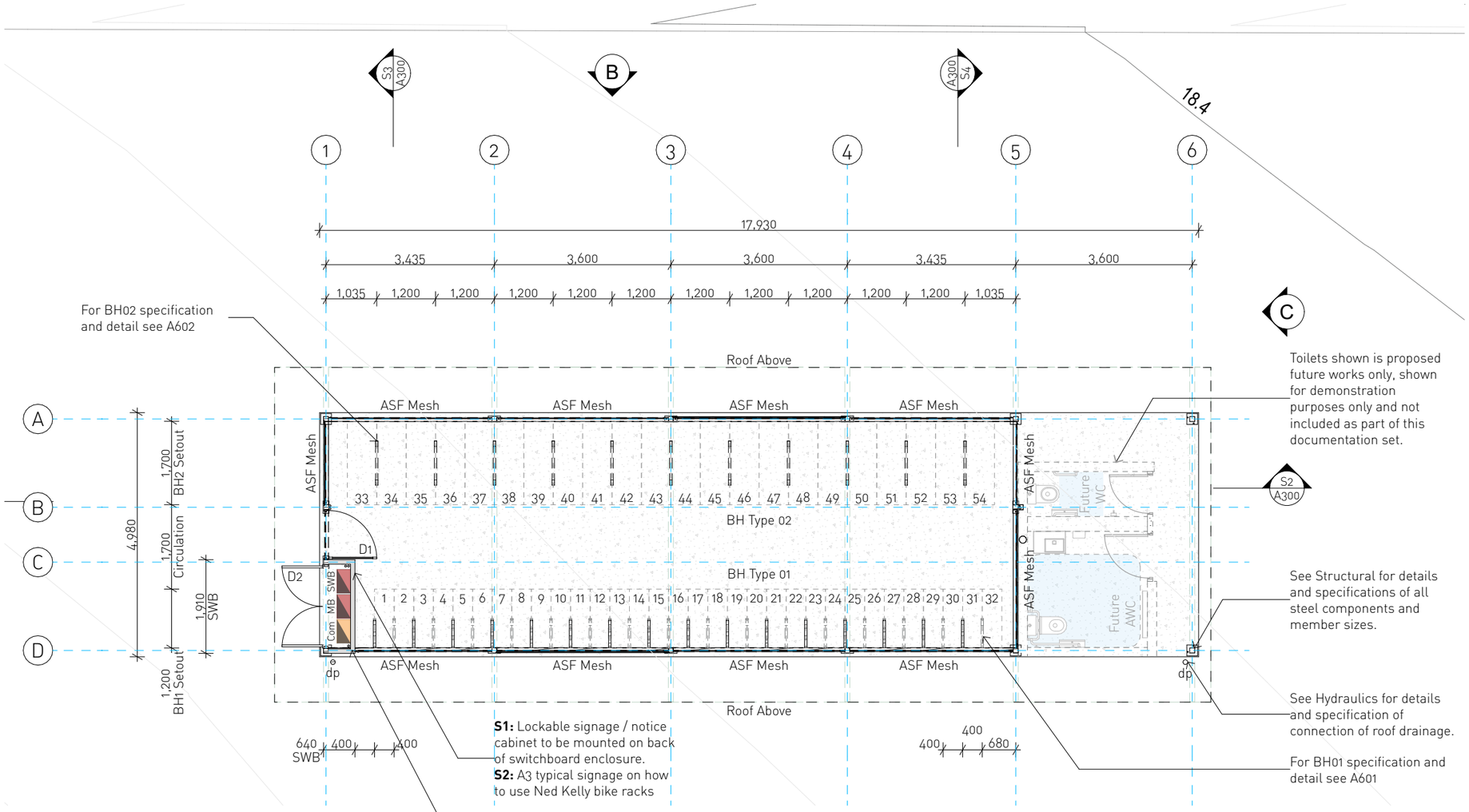
SWB:	Switchboard
MB:	Meterboard
Coms:	Communications Board
BH01:	NedKelly bike racks
BH02:	Flat-top bike racks
Col:	Steel column, see structural for specification and details
SF1:	Strip footing, see structural for specifications and details
LED:	Parkalux Vandal Resistant luminaire - (texture black) - Designplan Lighting
CN:	In slab conduit for future works
dp:	100mm dia downpipe (CB1), with 150mm half round eaves gutter

REV	DATE	NOTES
a	8/2/2024	For Detailed Design Subbmission

BYA architects
03 6286 7319
architects@bya-architects.com.au

PROJECT: Park and Ride - Claremont		DATE: 8/2/2024	PROJECT NUMBER: xxxx		DRAWING NUMBER: A100
CLIENT: DSG	ADDRESS: Claremont Link Road - PnR Location Claremont	SCALE @A3: 1:100, 1:20	DRAWN: NV	CHECKED: DE	
DRAWING: Footing Plan		PURPOSE: DESIGN DEVELOPMENT			REVISION: a

1] **AS1428.1: 2021** - Design for access and mobility
2] **AS3000 : 2018** - Electrical Installations
3] **AS2890.3: 2015** - Parking facilities - Bicycle parking facilities



MATERIALS & FINISHES:

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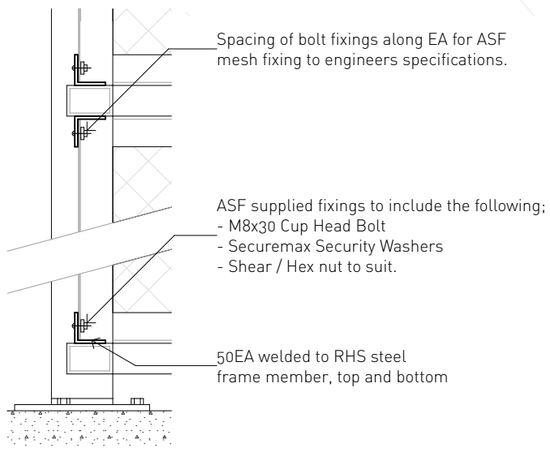

C A300 Typical ASF Mesh Fixing Detail
Scale 1:10

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REV	DATE	NOTES
a	8/2/2024	For Detailed Design Subbmission

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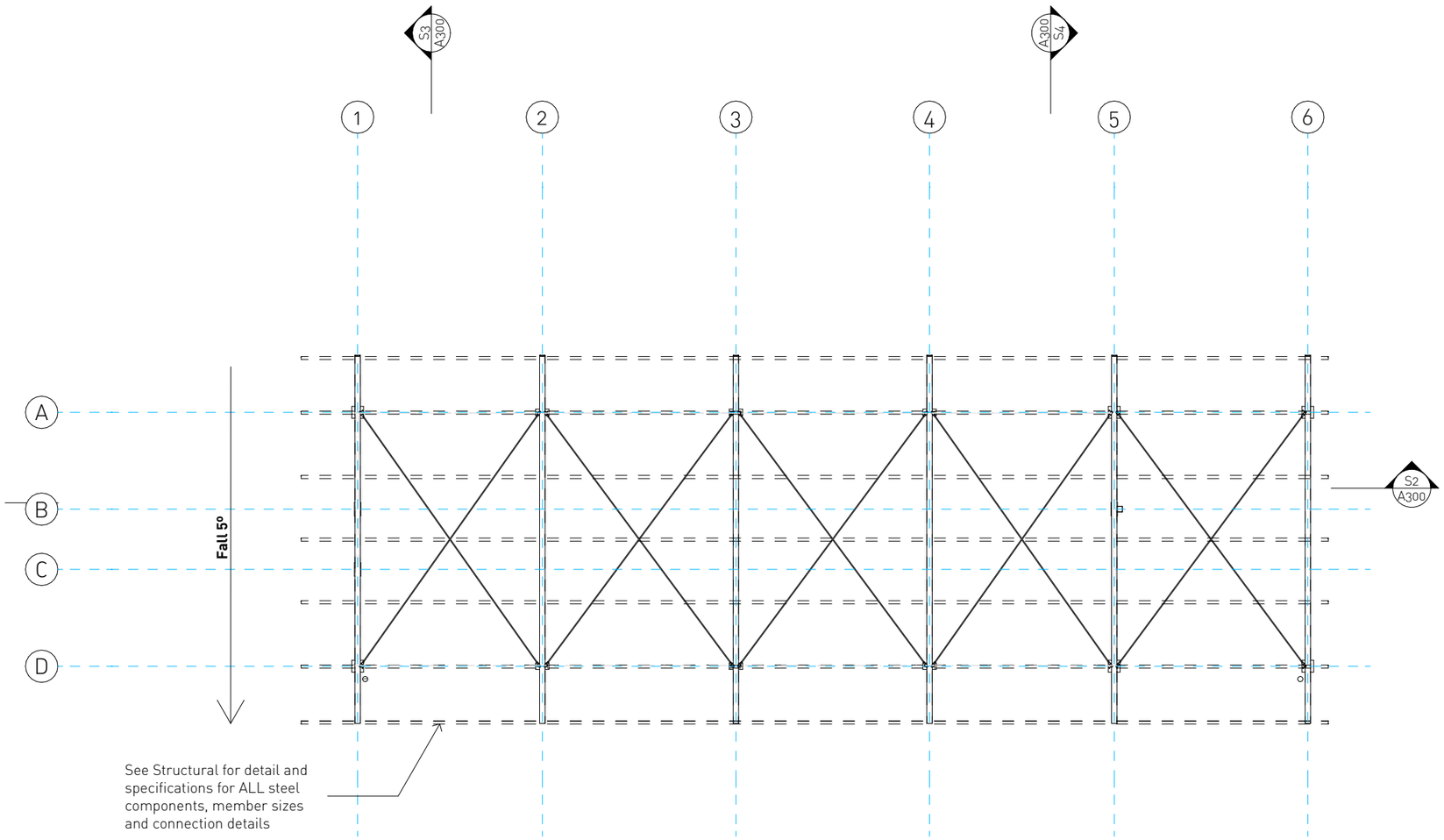
03 6286 7319
architects@bya-architects.com.au

PROJECT: Park and Ride - Claremont		DATE: 8/2/2024	PROJECT NUMBER: xxxx		DRAWING NUMBER: A101
CLIENT: DSG	ADDRESS: Claremont Link Road - PnR Location Claremont	SCALE @A3: 1:100, 1:10	DRAWN: NV	CHECKED: DE	
DRAWING: General Arrangment Plan		PURPOSE: DESIGN DEVELOPMENT			REVISION: a

1] **AS1428.1: 2021** - Design for access and mobility
2] **AS3000 : 2018** - Electrical Installations
3] **AS2890.3: 2015** - Parking facilities - Bicycle parking facilities



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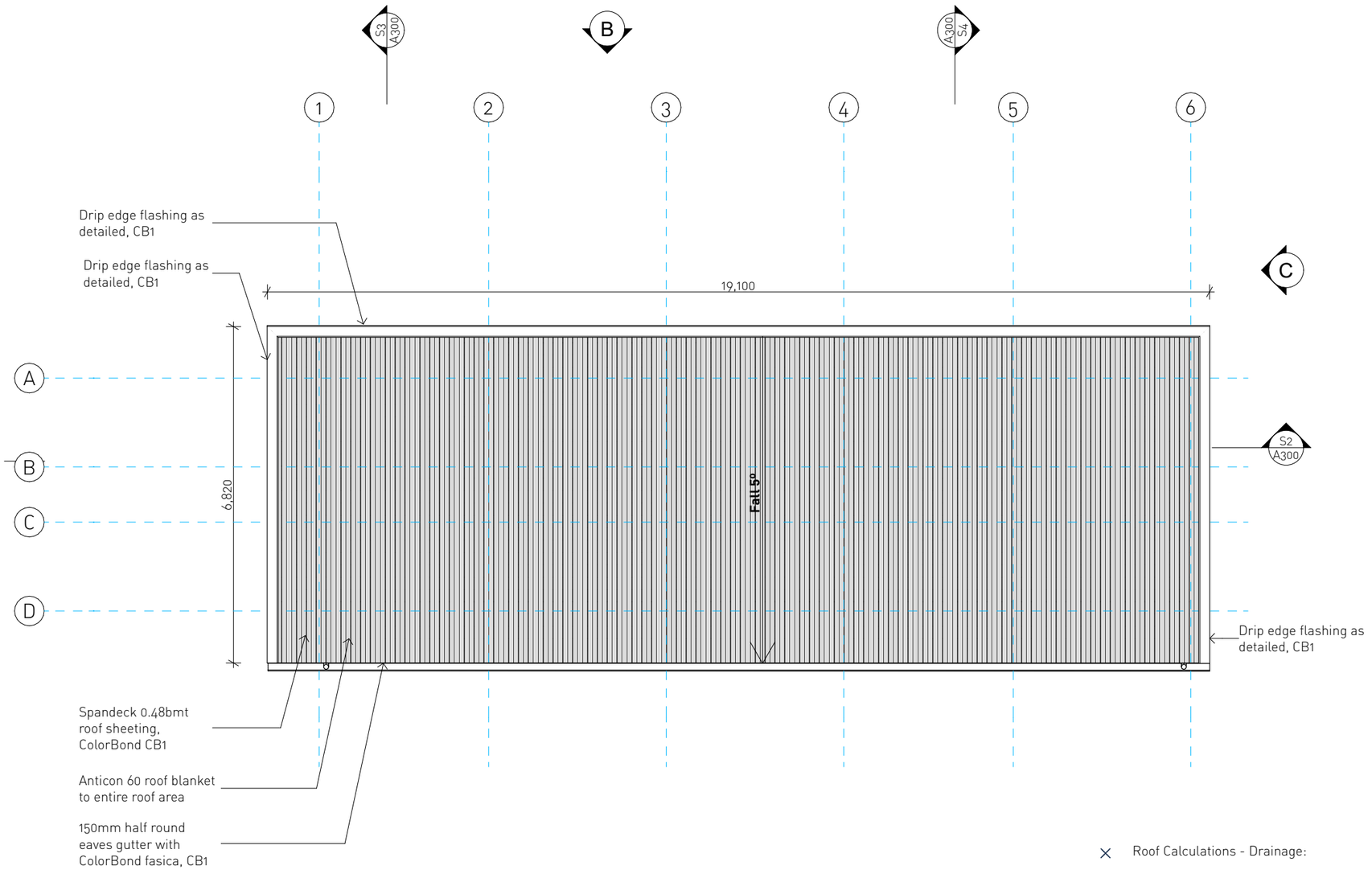
REV	DATE	NOTES
a	8/2/2024	For Detailed Design Subbmission

BYA architects
03 6286 7319
architects@bya-architects.com.au

PROJECT: Park and Ride - Claremont		DATE: 8/2/2024	PROJECT NUMBER: xxxx		DRAWING NUMBER: A102
CLIENT: DSG	ADDRESS: Claremont Link Road - PnR Location Claremont	SCALE @A3: 1:100	DRAWN: NV	CHECKED: DE	
DRAWING: Roof Framining Plan		PURPOSE: DESIGN DEVELOPMENT			REVISION: a

1] **AS1428.1: 2021** - Design for access and mobility
2] **AS3000 : 2018** - Electrical Installations
3] **AS2890.3: 2015** - Parking facilities - Bicycle parking facilities



MATERIALS & FINISHES:

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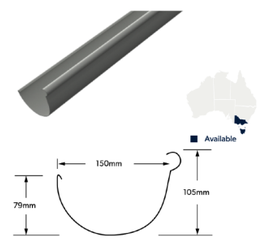
× Roof Calculations - Drainage:

Catchment Area - **A**: (Minimum Requirement)
Rainfall Intensity: 86 mm/hr (Hobart)
Downpipe size: 100mm dia
No. dp Required: 1.24 = 2
Gutter Area: 7,107mm^2
Gutter Width: 125mm
Gutter Depth: 67mm



- Half Round Eaves Gutter
Scale 1:2.63

REV	DATE	NOTES
a	8/2/2024	For Detailed Design Subbmission

BYA architects
03 6286 7319
architects@bya-architects.com.au

PROJECT	DATE	PROJECT NUMBER	DRAWING NUMBER
Park and Ride - Claremont	8/2/2024	xxxx	A103

CLIENT	ADDRESS	SCALE @A3	DRAWN	CHECKED
DSG	Claremont Link Road - PnR Location Claremont	1:100	NV	DE

DRAWING	PURPOSE	REVISION
Roof Plan	DESIGN DEVELOPMENT	a

1] **AS1428.1: 2021** - Design for access and mobility
2] **AS3000 : 2018** - Electrical Installations
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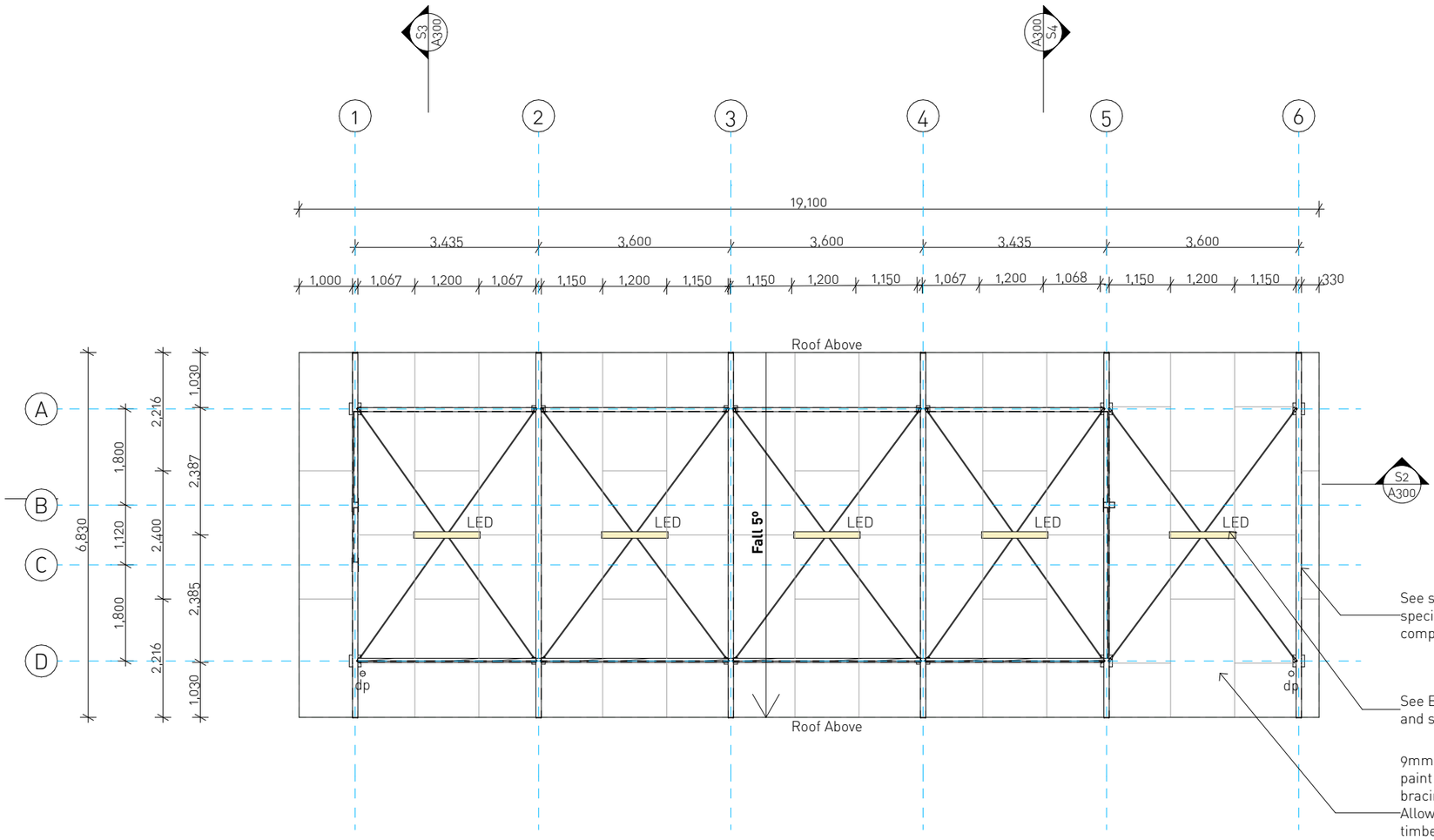

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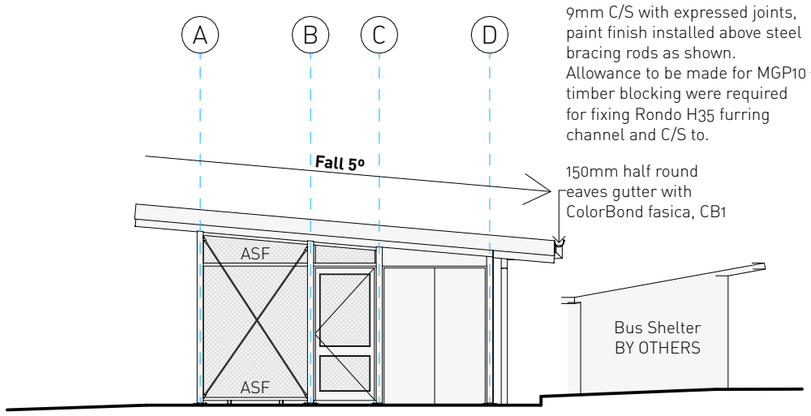
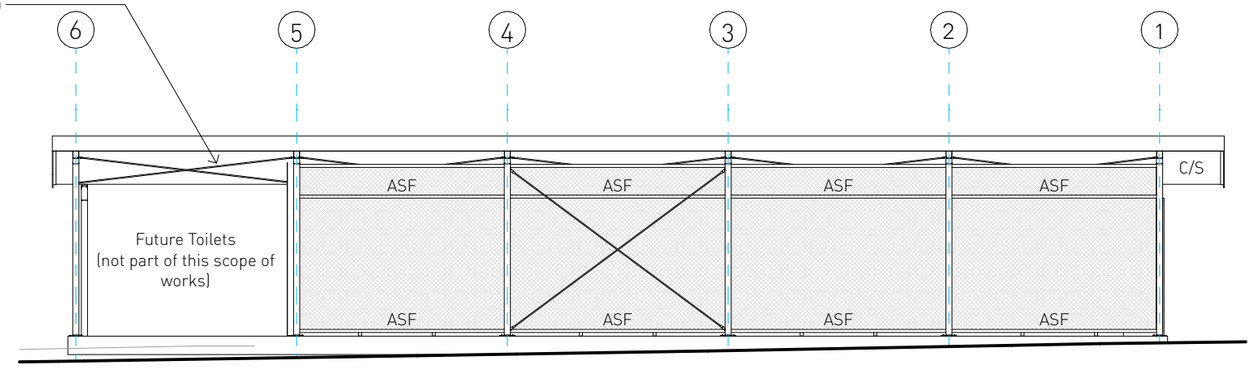
REV	DATE	NOTES
a	8/2/2024	For Detailed Design Subbmission

BYA architects
03 6286 7319
architects@bya-architects.com.au

PROJECT: Park and Ride - Claremont		DATE: 8/2/2024	PROJECT NUMBER: xxxx		DRAWING NUMBER: A110
CLIENT: DSG	ADDRESS: Claremont Link Road - PnR Location Claremont	SCALE @A3: 1:100	DRAWN: NV	CHECKED: DE	
DRAWING: Reflected Ceiling Plan		PURPOSE: DESIGN DEVELOPMENT			REVISION: a



A View from Northeast Carpark
1:100



B Claremont Link Road Elevation
1:100

1] **AS1428.1: 2021** - Design for access and mobility
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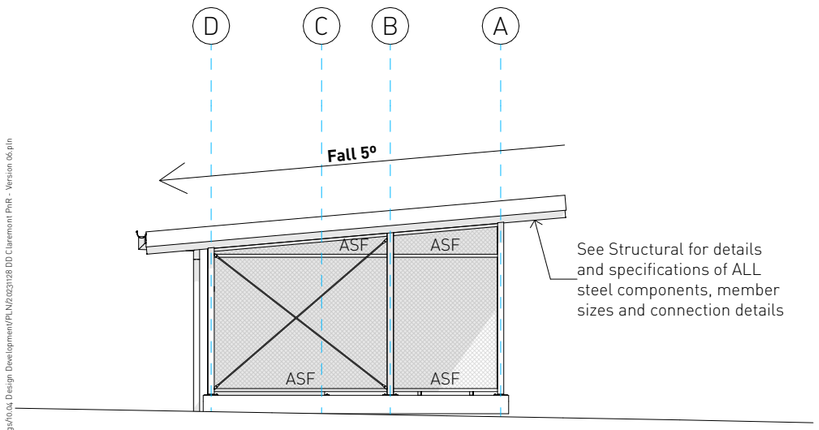
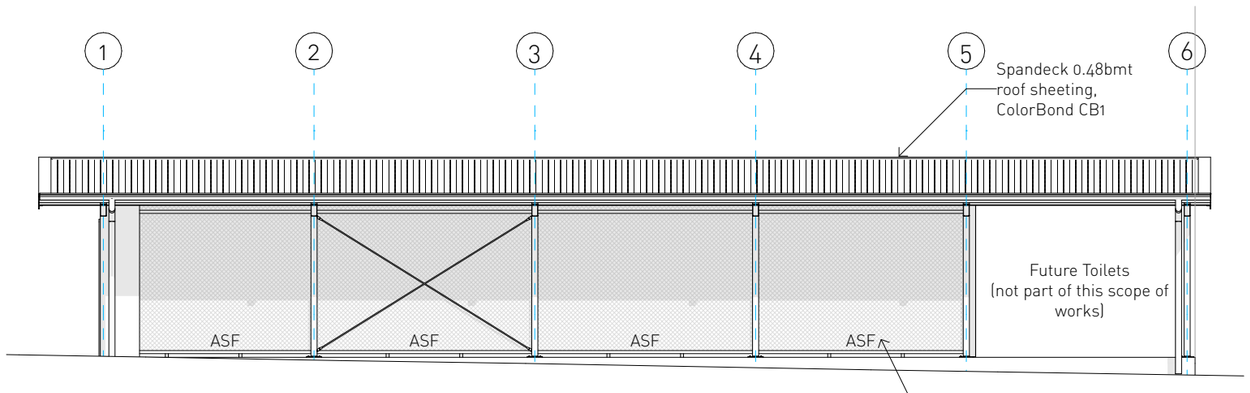
3] **AS2890.3: 2015** - Parking facilities - Bicycle parking facilities

MATERIALS & FINISHES:

CB1:	ColorBond - Monument
PT1:	Dulux - Colour to be confirmed with DSG & PT
PT2:	Exposed steel with applied Dulux system, Colour to be confirmed by DSG & PT
PT3:	Concealed steel with applied Dulux system
AC:	MondoClad 3mm aluminium panel, colour:
C/S:	Compressed cement sheet and pant finish (PT1) as specified
ASF:	ASF Securemax 358 mesh, with securemax fixings
SOG:	Slab on ground, Exposed Aggregate finish.



C View from Southwest Carpark
1:100



D Maralinga Drive Elevation
1:100

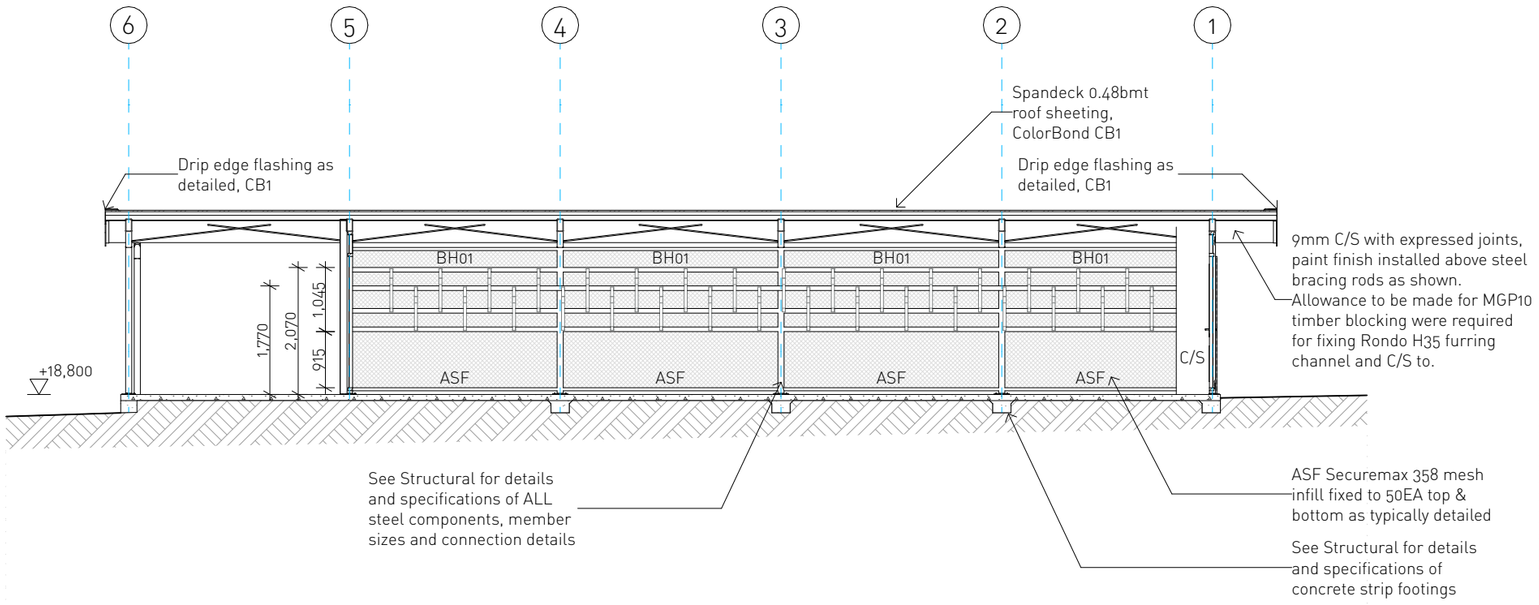
LEGENDS & NOTES:

SWB:	Switchboard
MB:	Meterboard
Coms:	Communications Board
BH01:	NedKelly bike racks
BH02:	Flat-top bike racks
Col:	Steel column, see structural for specification and details
SF1:	Strip footing, see structural for specifications and details
LED:	Parkalux Vandal Resistant luminaire - (texture black) - Designplan Lighting
CN:	In slab conduit for future works
dp:	100mm dia downpipe (CB1), with 150mm half round eaves gutter

REV	DATE	NOTES
a	8/2/2024	For Detailed Design Subbmission

BYA architects
03 6286 7319
architects@bya-architects.com.au

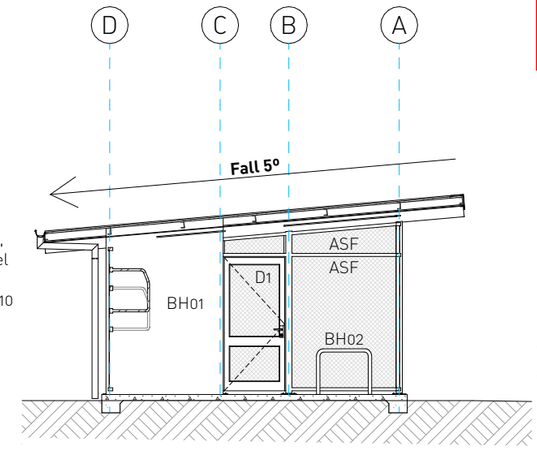
PROJECT: Park and Ride - Claremont		DATE: 8/2/2024	PROJECT NUMBER: xxxx		DRAWING NUMBER: A200
CLIENT: DSG	ADDRESS: Claremont Link Road - PnR Location Claremont	SCALE @A3: 1:100	DRAWN: NV	CHECKED: DE	
DRAWING: Elevations - Sheet 01		PURPOSE: DESIGN DEVELOPMENT			REVISION: a



S1 A101

Section 01

Scale 1:100



S3 A101

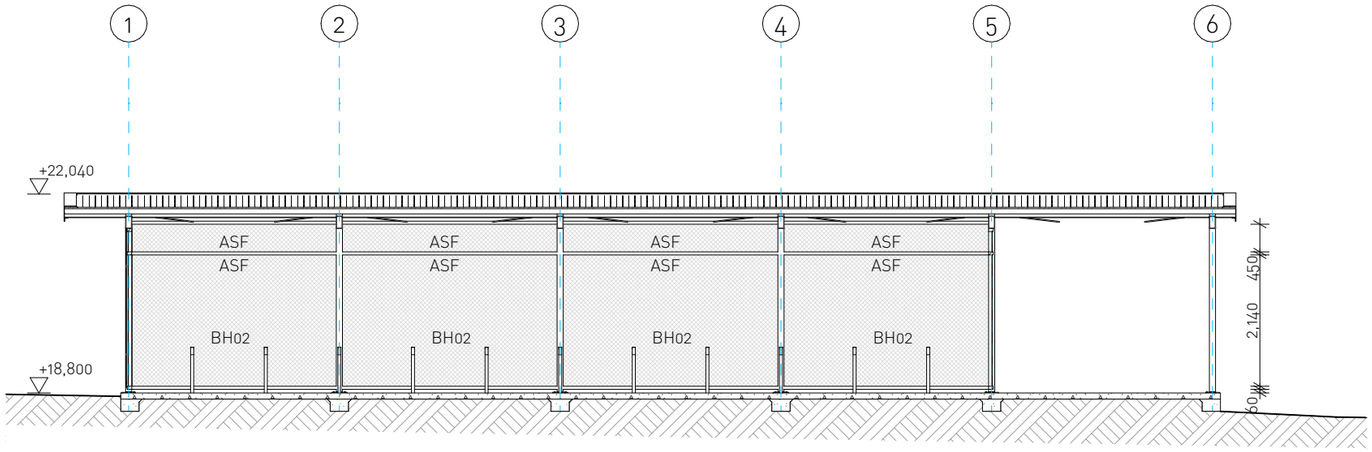
Section 03

Scale 1:100

1] **AS1428.1: 2021** - Design for access and mobility
2] **AS3000 : 2018** - Electrical Installations
3] **AS2890.3: 2015** - Parking facilities - Bicycle parking facilities

MATERIALS & FINISHES:

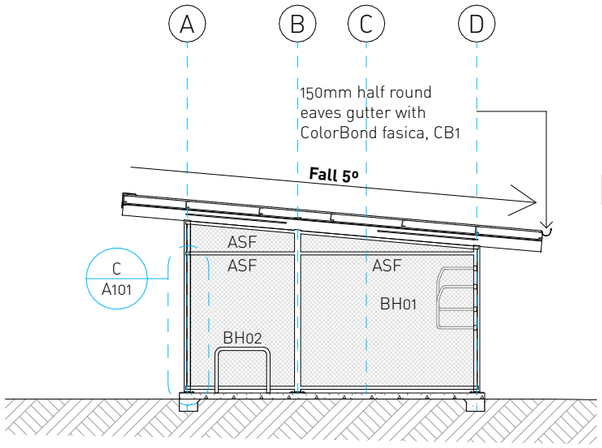
CB1:	ColorBond - Monument
PT1:	Dulux - Colour to be confirmed with DSG & PT
PT2:	Exposed steel with applied Dulux system, Colour to be confirmed by DSG & PT
PT3:	Concealed steel with applied Dulux system
AC:	MondoClad 3mm aluminium panel, colour:
C/S:	Compressed cement sheet and pant finish (PT1) as specified
ASF:	ASF Securemax 358 mesh, with securemax fixings
SOG:	Slab on ground, Exposed Aggregate finish.



S2 A101

Section 02

Scale 1:100



S4 A101

Section 04

Scale 1:100

LEGENDS & NOTES:

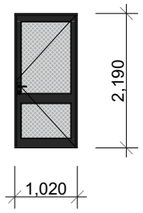
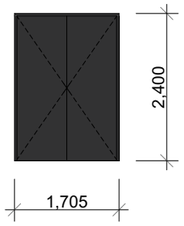
SWB:	Switchboard
MB:	Meterboard
Coms:	Communications Board
BH01:	NedKelly bike racks
BH02:	Flat-top bike racks
Col:	Steel column, see structural for specification and details
SF1:	Strip footing, see structural for specifications and details
LED:	Parkalux Vandal Resistant luminaire - (texture black) - Designplan Lighting
CN:	In slab conduit for future works
dp:	100mm dia downpipe (CB1), with 150mm half round eaves gutter

REV	DATE	NOTES
a	8/2/2024	For Detailed Design Subbmission

BYA architects
03 6286 7319
architects@bya-architects.com.au

PROJECT: Park and Ride - Claremont		DATE: 8/2/2024	PROJECT NUMBER: xxxx		DRAWING NUMBER: A300
CLIENT: DSG	ADDRESS: Claremont Link Road - PnR Location Claremont	SCALE @A3: 1:100	DRAWN: NV	CHECKED: DE	
DRAWING: Sections - Sheet 01		PURPOSE: DESIGN DEVELOPMENT			REVISION: a

DOOR SCHEDULE

		
ID	D1	D2
Location	Bike Cage	SWB / Site Services
Door Type	External hinged door with steel frame. (Note: This door is to allow for future access card control)	External double hinged door, with concealed door leafs.
Frame Type	Custom welded steel door frame	SDF - steel door frame
Frame Finish	PT3 - paint finish	PT3 - paint finish
Leaf Type	ASF securemax 358 mesh infill	MWC - metal wrapped doors
Leaf Finish	Line external face with ASF Securemax 358 Mesh	Colorbond steel faced door to match wall surface - Basalt
Signage	Nil, unless otherwise noted on any other document	Nil, unless otherwise noted on any other document

Product Code	Desc	Type	Qty
LW10075BBSSS	100X75X2.5 BB FP HINGE SSS		4
ADI-570S	METAL LOCK BOX S570 SUIT 3572		1
LW3572X-LNCSC	STOREROOM LOCK NO CYL		1
AL.P2.CY504T.SC	P2 570 OVAL CYLMKNK		1
AL.CUT.P2	AL CUT PROTEC2 KEY		2
SAB-CYL570-KA7-#-SC	OVAL CYLINDER KA7 # CAM SC		1
LW1801-70SC	EXT PLATE CYL HOLE & LEVER FUR		1
LW1905-70SC	INT PLAIN PLATE WITH LEVER FUR		1
LW2615DASSS	CAM ACTION CLOSER 1-5 BC DA		1
LW2616-153	OPENING DAMPER		1
LW2616-180SIL	MOUNTING PLATE SUIT 2616 SIL		1

D1 / -

Bike Cage Door Hardware - Access Hardware

Scale 1:1

Product Code	Desc	Type	Qty
LW10075BBSSS	100X75X2.5 BB FP HINGE SSS		8
LW3570XTRNCSC	MORT NIGHTLATCH NO CYL		1
AL.P2.CY504T.SC	P2 570 OVAL CYLMKNK		1
AL.CUT.P2	AL CUT PROTEC2 KEY		2
SAB-CYL570-KA7-#-SC	OVAL CYLINDER KA7 # CAM SC		1
LW1376-ESC	RND ESCU W/OVAL CYL		1
LW1377-INSC	RND ESCU W/INDEX TURN		1
EF791-300SC	300MM VISIBLE FIX PANIC BOLT		2
EF791O/S-450SC	450MM VIS.FIX O/SET PANIC BOLT		1
**ACTIVE DOOR BOLT	300MM BOLT TO BOTTOM INSIDE		1

D2 / -

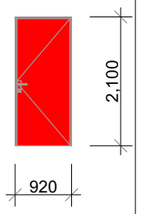
SWB Enclosure Door Hardware - Access Hardware

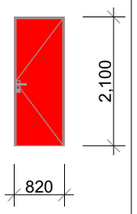
Scale 1:1

Door Hardware comments and notes:

Access Hardware

- Door Hardware schedule created from Assa Abloy products.
- Products where available Satin Chrome / Satin S.S
- This schedule must be checked against the construction floor plans by the builder / hardware supplier prior to supply.
- This schedule is to be read in conjunction with Electronic, Mechanical, Metal Work and Security schedules to avoid duplications.
- No joinery hardware has been allowed unless noted.
- Door stops wall/floor to be confirmed against final floor plan prior to supply.
- Card access system and associated hardware by security contractor
- Jackson Abloy Protec masterkeying system.





D3	D4
Access Toilet 01	Ambulant Toilet 01
External hinged door with steel frame	External hinged door with steel frame
SDF - steel door frame with countersunk with Dynabolt tube spacers for instalation to precast masonary walls. Primed and ready for paint finish as specified. 1.6BMT steel nominal width 38mm frame depth, 15mm stops.	SDF - steel door frame with countersunk with Dynabolt tube spacers for instalation to precast masonary walls. Primed and ready for paint finish as specified. 1.6BMT steel nominal width 38mm frame depth, 15mm stops.
PT1 - paint finish tbc	PT1- paint finish tbc
MWC - metal wrapped doors. Non-fire rated solid pine block core flush panel door	MWC - metal wrapped doors. Non-fire rated solid pine block core flush panel door
Fully enveloped in 0.55BMT ColorBond steel - Basalt	Fully enveloped in 0.55BMT ColorBond steel - Basalt
S4	S5

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 20 December 2024

FUTURE WORKS

S3
Britex
All Gender Accessible LH Baby Change Acrylic Silver Braille Sign

Product Code: BTX-02-227
Quantity: **x1**

AS1428.1 Installation Requirements:
Sign to be located center of door and positioned 1200 - 1600mm above finished floor surface.

FUTURE WORKS

S4
Britex
All Gender Ambulant Acrylic Silver Braille Sign

Product Code: BTX-02-221
Quantity: **x1**

AS1428.1 Installation Requirements:
Sign to be located center of door and positioned 1200 - 1600mm above finished floor surface.

NOTE: All specified items are to be installed in accordance with AS1428.1:2021

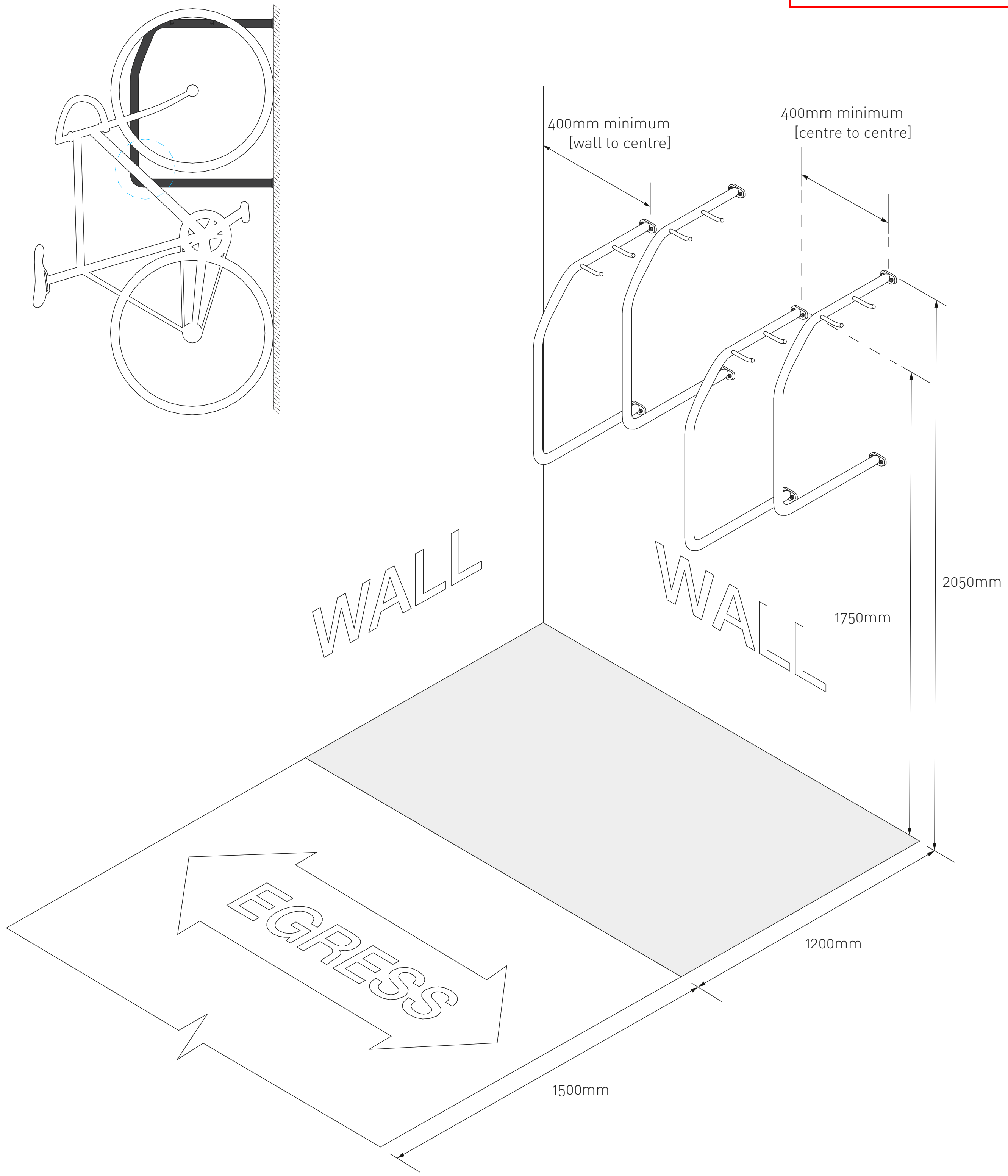
REV	DATE	NOTES
a	8/2/2024	For Detailed Design Subbmission

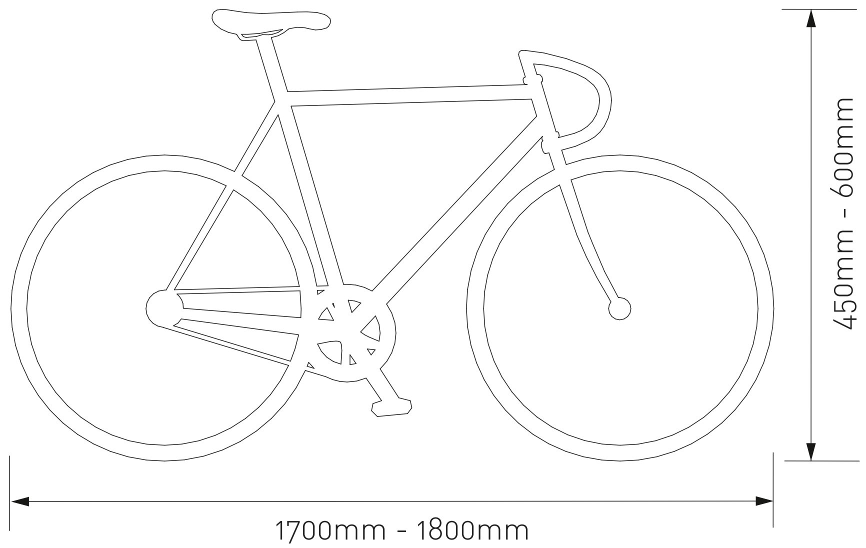
BYA architects
03 6286 7319
architects@bya-architects.com.au

PROJECT: Park and Ride - Claremont		DATE: 8/2/2024	PROJECT NUMBER: xxxx		DRAWING NUMBER: A600
CLIENT: DSG	ADDRESS: Claremont Link Road - PnR Location Claremont	SCALE @A3	DRAWN: NV	CHECKED: DE	
DRAWING: Door Schedule & Signage		PURPOSE: DESIGN DEVELOPMENT			REVISION: a

Proprietary Ned Kelly - Specification

Scale 1:10





Typical Bike Dimensions

Scale 1:5

Proprietary Ned Kelly - Layout Guidelines

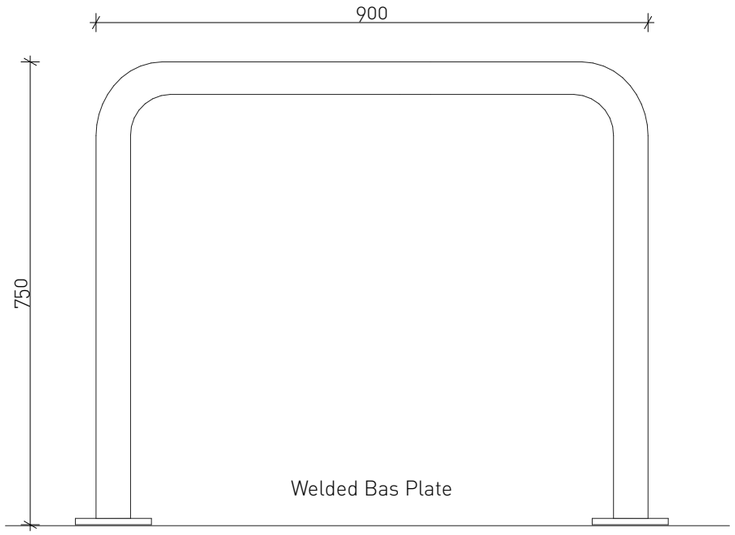
Scale 1:10

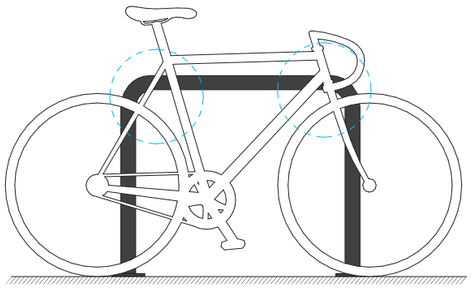
NOTE: All specified items are to be installed in accordance with AS2890.3-2015

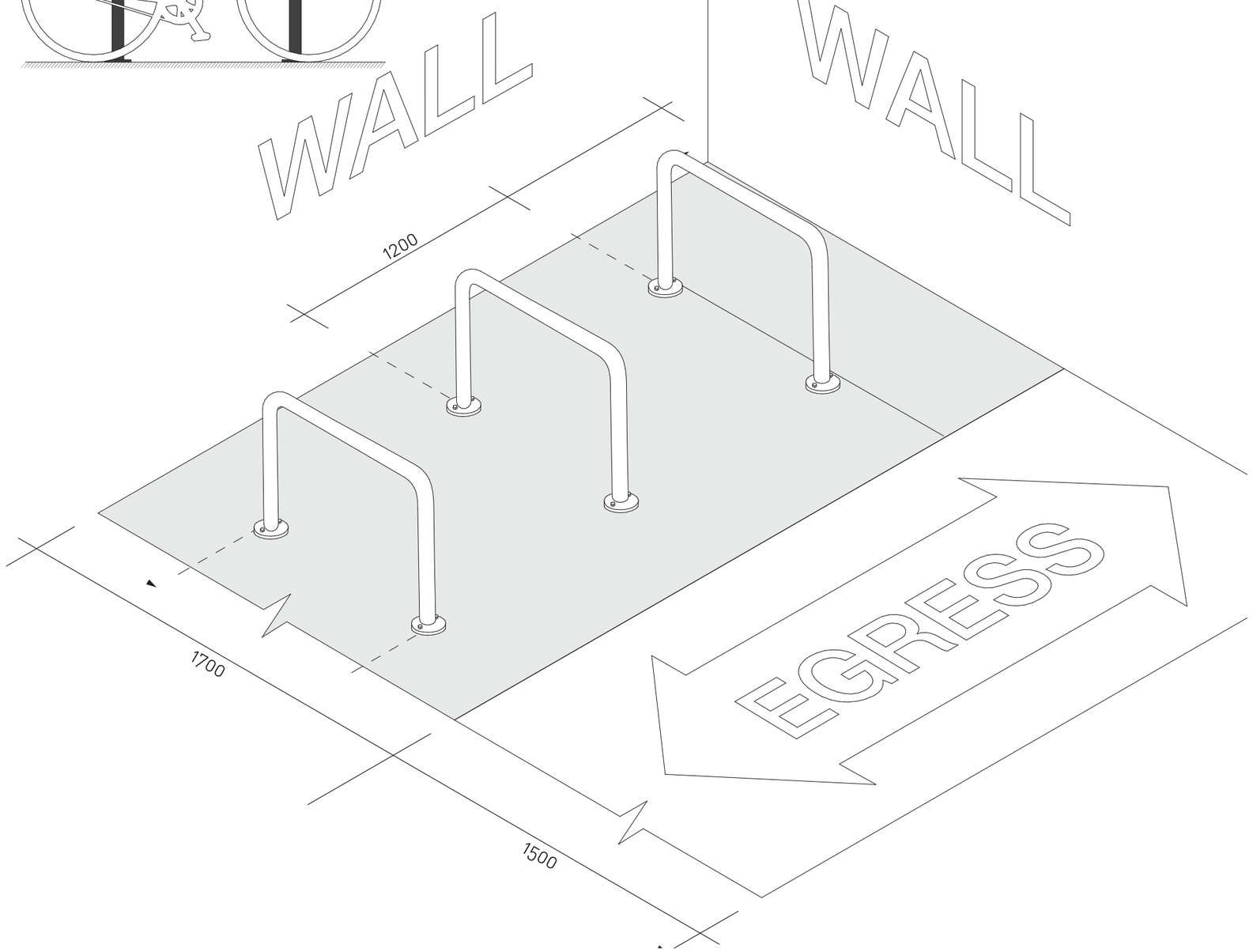
REV	DATE	NOTES
a	8/2/2024	For Detailed Design Submission

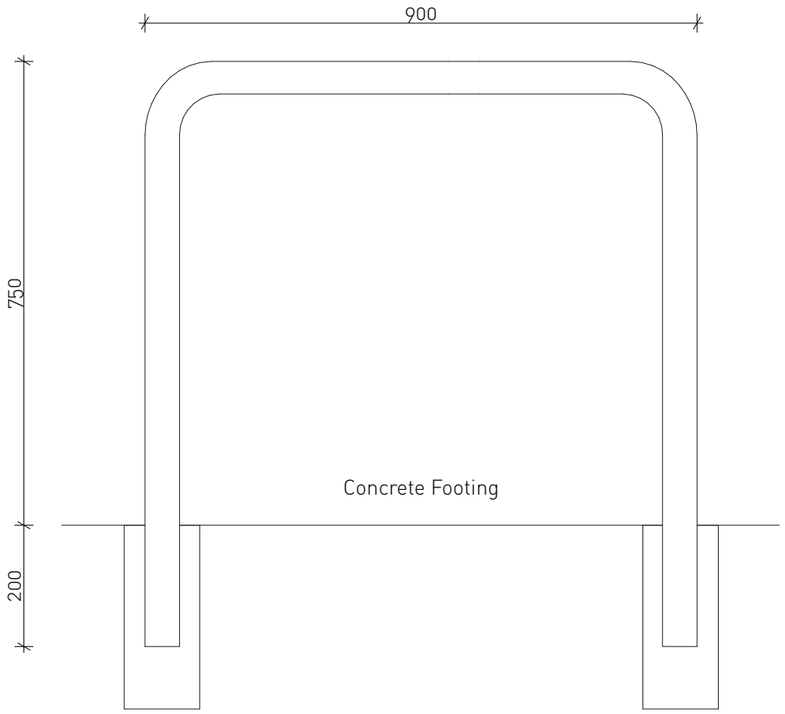
BYA architects
03 6286 7319
architects@bya-architects.com.au

PROJECT	Park and Ride - Claremont
DATE	8/2/2024
PROJECT NUMBER	xxxx
DRAWING NUMBER	A601
CLIENT	DSG
ADDRESS	Claremont Link Road - PnR Location Claremont
SCALE @A3	1:20, 1:5, 1:10
DRAWN	NV
CHECKED	DE
DRAWING	Bike Furniture - BH01
PURPOSE	DESIGN DEVELOPMENT
REVISION	a









Proprietary Flat Top - Layout Guidelines

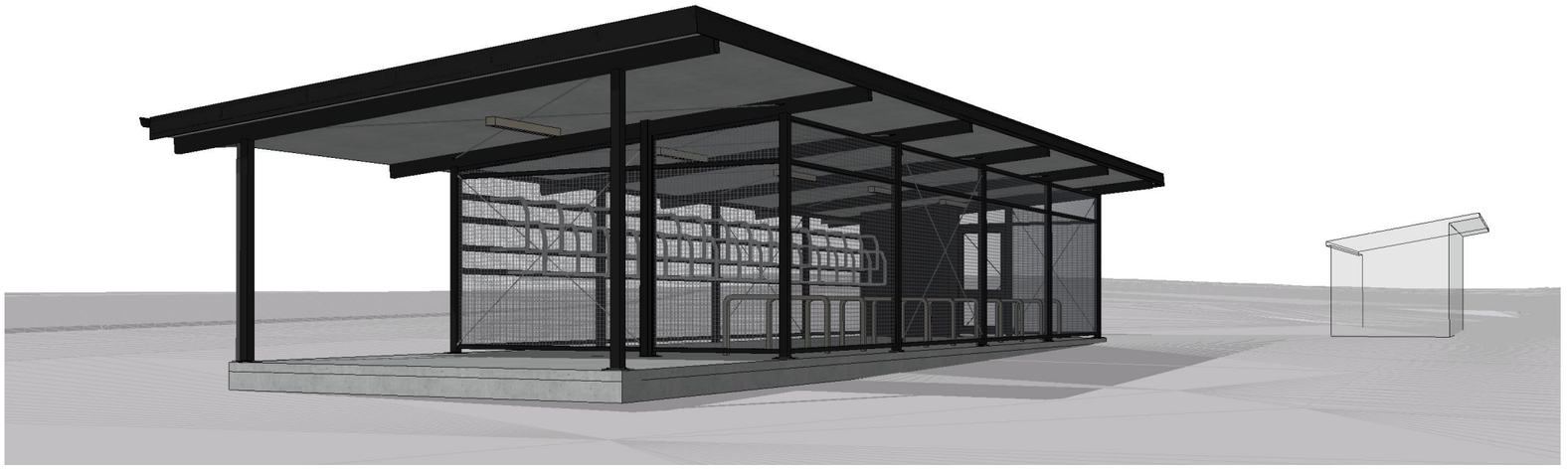
Scale 1:20

NOTE: All specified items are to be installed in accordance with AS2890.3-2015

REV	DATE	NOTES
a	8/2/2024	For Detailed Design Subbmission

BYA architects
03 6286 7319
architects@bya-architects.com.au

PROJECT: Park and Ride - Claremont		DATE: 8/2/2024	PROJECT NUMBER: xxxx		DRAWING NUMBER: A602
CLIENT: DSG	ADDRESS: Claremont Link Road - PnR Location Claremont	SCALE @A3: 1:20, 1:10	DRAWN: NV	CHECKED: DE	
DRAWING: Bike Furniture - BH02		PURPOSE: DESIGN DEVELOPMENT			REVISION: a



1
-

View from Claremont Link Road - Hobart Approach

Scale 1:400

2
-

View from Claremont Link Road - Claremont Approach

Scale 1:400

REV	DATE	NOTES
a	8/2/2024	For Detailed Design Subbmission

BYA architects
03 6286 7319
architects@bya-architects.com.au

PROJECT	DATE	PROJECT NUMBER	DRAWING NUMBER
Park and Ride - Claremont	8/2/2024	xxxx	A700

CLIENT	ADDRESS	SCALE @A3	DRAWN	CHECKED
DSG	Claremont Link Road - PnR Location Claremont	1:400	NV	DE

DRAWING	PURPOSE	REVISION
3D Perspectives	DESIGN DEVELOPMENT	a

Ned Kelly®

GLENORCHY CITY COUNCIL
PLANNING SERVICES
APPLICATION No PLN-24-362
DATE RECEIVED 20 December 2024

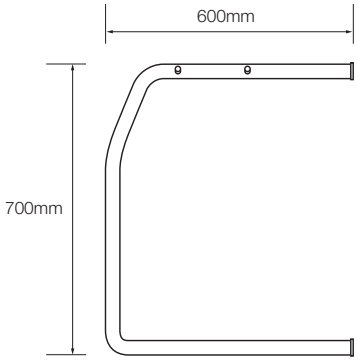
Zinc finish

Black powder coat finish

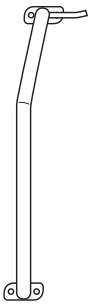
Features

- Each rail provides storage for a single bike
- Suits bikes with full length mud guards
- Available in Zinc finish or Black powder coat over mild steel
- Provides the ability to lock the main frame and one wheel
- Support prongs with protective coating prevent damage to rim
- Can be used with custom framing – no wall needed

Dimensions



SIDE



FRONT

Specifications

Material options

- Zinc finish
- Black powder coat over mild steel
- Stainless steel - *Pre-order only*

Fixing options

- Bolt on to wall
- Fixed to support framing

Recommended fasteners – wall

- Dynabolts (M8 x 40mm)
- Shear Nut security fasteners

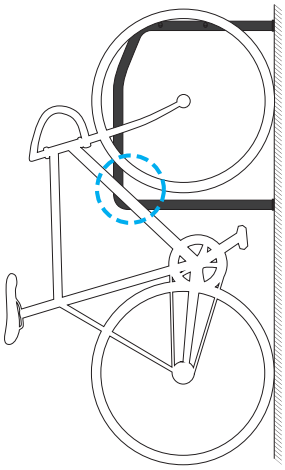
Recommended fasteners – framing

- Bolt and nut (M10 x 60mm)
- Tek screws

Dimensions

125mm [w] x 700mm [h] x 600mm [d]

Locking Points



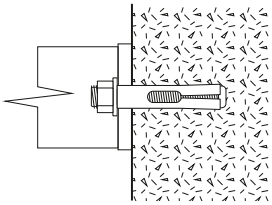
BICYCLE NETWORK BIKE PARKING

DESIGN. SUPPLY. INSTALL.

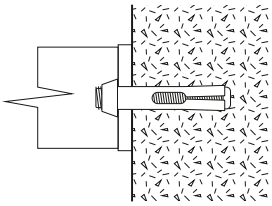
Bicycle Network ABN 41 026 835 903
p. 1300 727 563 e. parking@bicyclenetwork.com.au bikeparking.com.au
VIC Level 4, 246 Bourke Street, Melbourne VIC 3000 NSW 234 Crown Street, Darlinghurst NSW 2010
TAS 210 Collins Street, Hobart TAS 7000 NT Suite 5, 18-20 Cavenagh Street, Darwin 0800

Fixing options

Fix to a wall using 4x fasteners or Shear Nuts

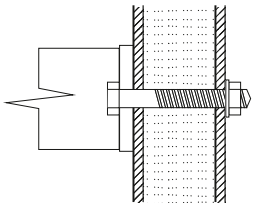


Shown with M8 x 40mm fastener

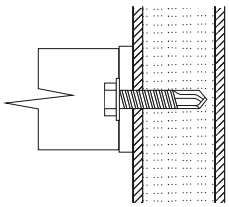


Shown with M8 x 40mm Shear Nuts

Fix to a frame using 4x bolts or Tek Screws

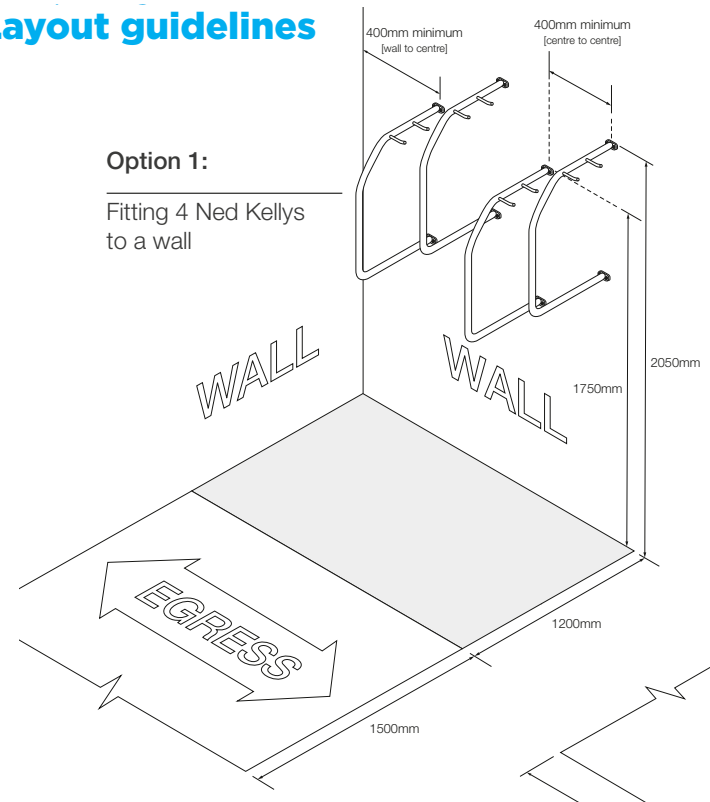


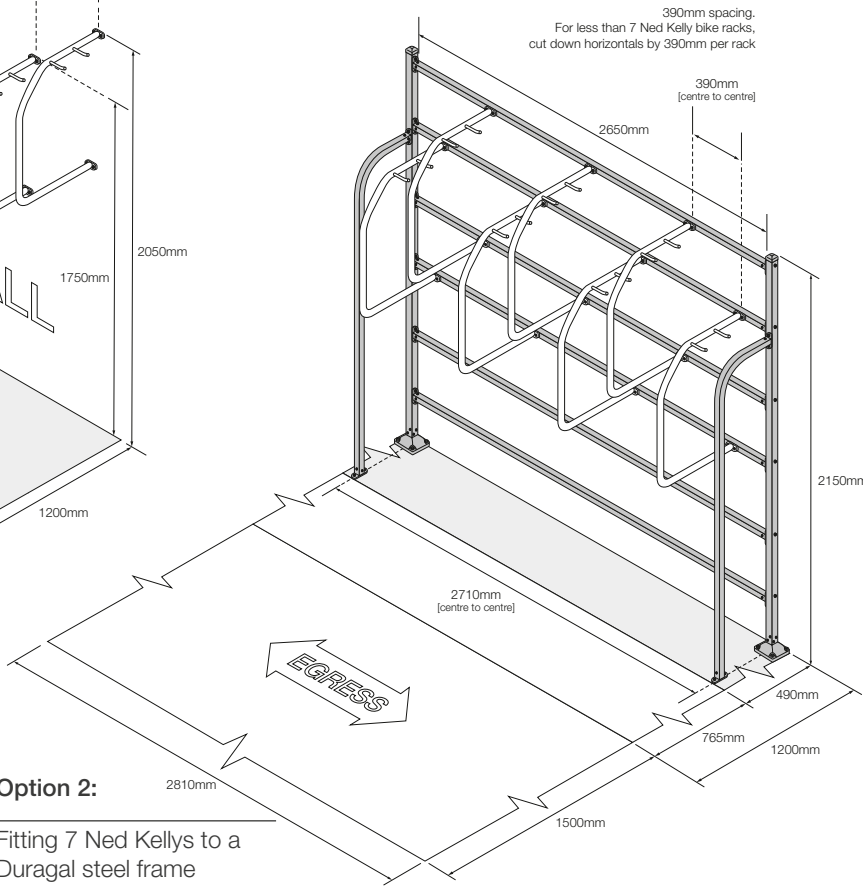
Shown with M10 x 60mm Bolt, Washer & Nut

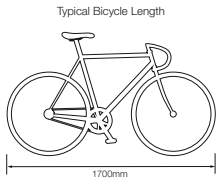


Shown with Tek Screw

Layout guidelines







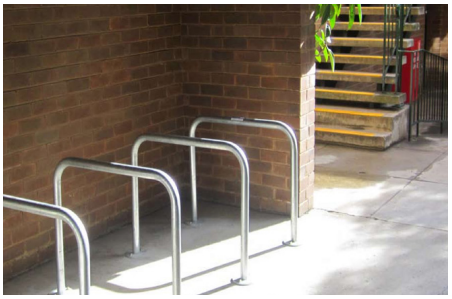
BICYCLE NETWORK BIKE PARKING

DESIGN. SUPPLY. INSTALL.
Bicycle Network ABN 41 026 835 903
p. 1300 727 563 e. parking@bicyclenetwork.com.au bikeparking.com.au
VIC Level 4, 246 Bourke Street, Melbourne VIC 3000 NSW 234 Crown Street, Darlinghurst NSW 2010
TAS 210 Collins Street, Hobart TAS 7000 NT Suite 5, 18-20 Cavenagh Street, Darwin 0800

Flat Top™

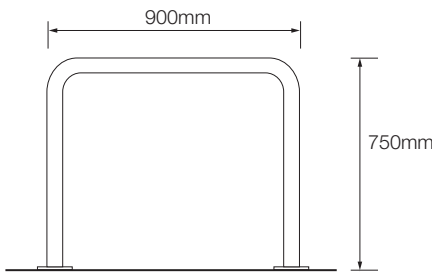
Galvanised finish / Stainless Steel finish

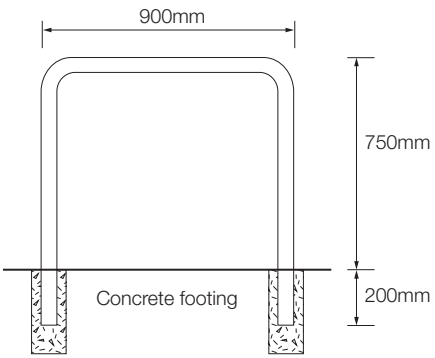
Features



- Each rail supports two adult bikes in an upright position
- Can be either bolted to a concrete slab or concreted in situ
- Available in stainless steel or galvanised steel
- Provides the ability to lock both wheels and frame
- Suitable for interior and exterior use

Dimensions





Specifications

Material options

- Galvanised (Duragal)
- 316 Marine grade stainless steel

Fixing options

- Welded flange - Bolt on
- In situ

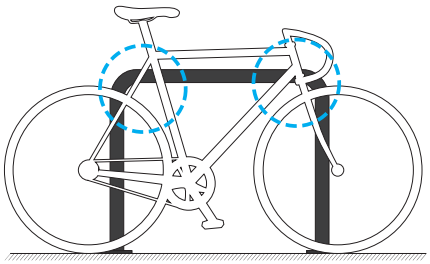
Recommended fasteners

- Galvanised Dynabolts (M10 x 65mm)
- Stainless Dynabolts (M10 x 65mm)
- Shear Nut security fasteners

Dimensions

950mm [w] x 750mm [h]

Locking Points

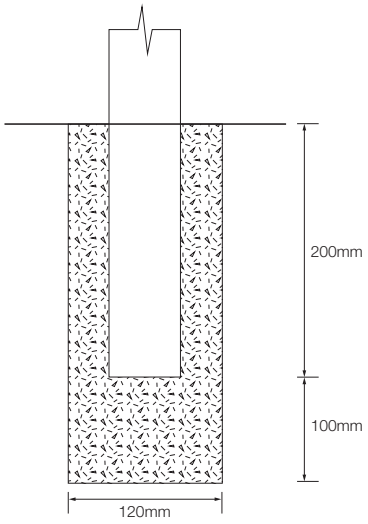


BICYCLE NETWORK BIKE PARKING

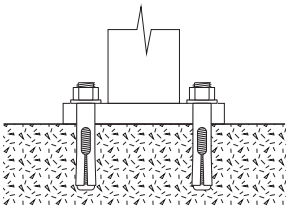
DESIGN. SUPPLY. INSTALL.
Bicycle Network ABN 41 026 835 903
p. 1300 727 563 e. parking@bicyclenetwork.com.au bikeparking.com.au
VIC Level 4, 246 Bourke Street, Melbourne VIC 3000 NSW 234 Crown Street, Darlinghurst NSW 2010
TAS 210 Collins Street, Hobart TAS 7000 NT Suite 5, 18-20 Cavenagh Street, Darwin 0800

Fixing options

In situ (Concrete footing)

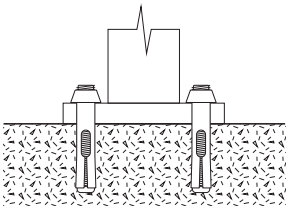


Welded flange (Bolt on)
using 4 (total) x fasteners



Shown with M10 x 65mm fastener

Welded flange (Security heads)
using 4 (total) x fasteners

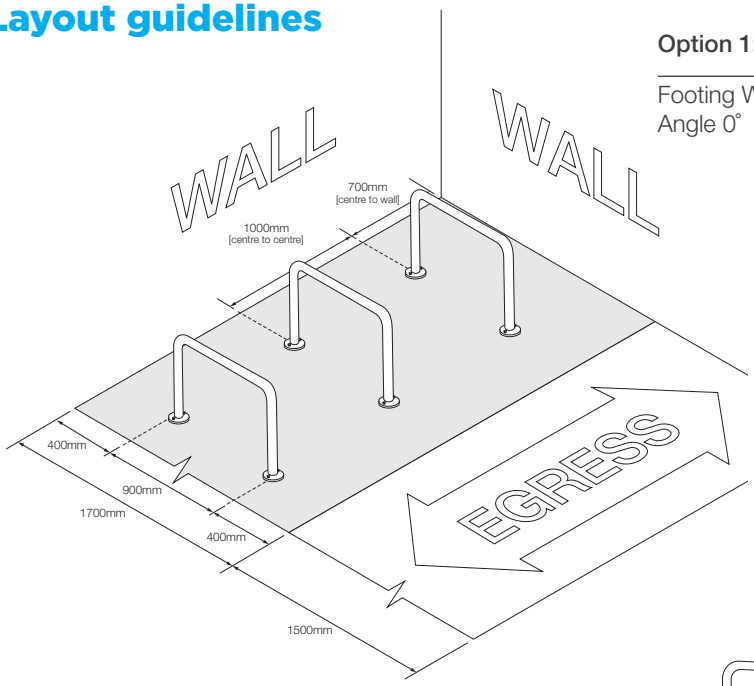


Shown with M10 x 65mm Shear Nuts

Layout guidelines

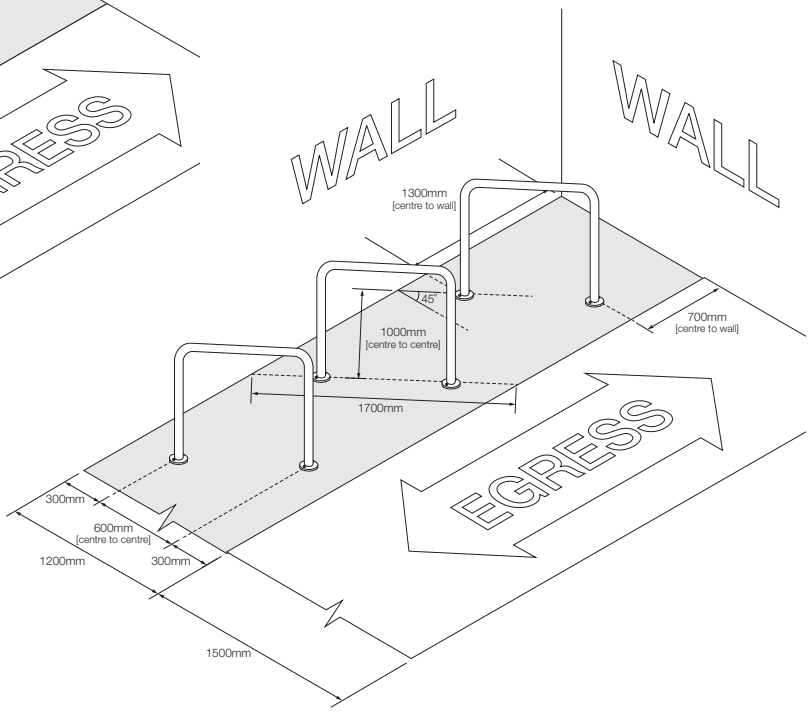
Option 1:

Footing Width 1700mm
Angle 0˚

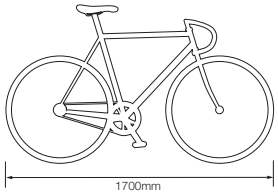


Option 2:

Footing Width 1200mm
Angle 45˚



Typical Bicycle Length



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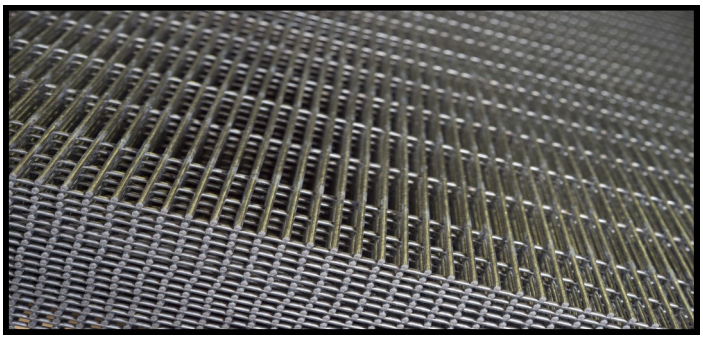
ASF SECUREMAX®

HIGH SECURITY MESH

358 MESH

Design

Anti-climb, anti-cut mesh with minimal components. Easy to transport, handle and install. The 358 profile gives a highly transparent finish to the fence line with minimal visual impact allowing clear surveillance to identify



Performance and Durability

Unique tensile properties make Securemax® several times harder to penetrate than other high secu-

Applications

- Correctional Centres
- Detention Centres
- Water Treatment Plants
- Roads and Bridges
- Power Stations
- Sub Stations
- Industrial Factories
- Private Industries
- Shipping Ports
- Gas Lines

Additional Edge Wires

Additional edge wires to each side of the mesh sheet create greater security.

Finishes

Zinc / Alloy is a high anti-corrosive surface finish applied to a 4mm medium tensile wire. In external atmospheric conditions, a zinc / 5% aluminium coating offers from two to four times greater protection per unit coating mass than hot dipped galva-

Quality & Testing

Securemax® mesh is guaranteed to meet the specific standards for raw materials and coatings. The weld manufacturing process has a Quality Plan utilising stringent quality control procedures.

Appropriate Standards

Securemax® 358 4mm diameter wire is procured via AS / NZS 4534 - 2006. The manufacturing standard within the ASF Quality Plan is EN 10223.4 - 2012 for high security applications and AS

Recommended Fixings

Recommended fastening for 358 mesh to 'H' and angle sections via M8 cup head bolt, Securemax washer with hexagon nut and / or shear nuts. Other fastening methods are via a security self-drilling

Specifications

75mm x 13mm resistance welded at each intersection. Resistance welded to DIN EN 10223-4 (1998).
Horizontal wires 4mm dia. At 13mm centres
Vertical wires 4mm dia. At 75mm centres
2 x vertical edge wires at 37.5mm per panel
Aperture tolerance ± 0.5mm
Std sheet sizes:2404mm wide x 2384mm high
2404mm wide x 3000mm high
2404mm wide x 3600mm high
Tolerance: Width ± 2.00mm Length ± 2.00mm
Horizontal wires 4mm drawn wire
Vertical wires 4mm drawn wire
Tolerence ±0.08mm
Tensile strength 550-625MPa
Welded shear strength of 60-70% of the wire tensile strength
Coating: Zinc Alloy Minimum 260gms Sqm
Australian Standard AS NZS 4534-2006

Submission to Planning Authority Notice

Application details

Council Planning Permit No.	PLN-24-362
Council notice date	19/03/2025
TasWater Reference No.	TWDA 2025/00257-GCC
Date of response	23/05/2025
TasWater Contact	Al Cole
Phone No.	0439605108

Response issued to

Council name	GLENORCHY CITY COUNCIL
Contact details	gccmail@gcc.tas.gov.au
Development details	
Address	MARALINGA DR, BERRIEDALE
Property ID (PID)	7764337
Description of development	Park and Ride Facility

Schedule of drawings/documents

Prepared by	Drawing/document No.	Revision No.	Issue date
Pitt and Sherry	1101-1103	0	06/05/2025

Conditions

Pursuant to the *Water and Sewerage Industry Act* 2008 (TAS) Section 56P(1) TasWater imposes the following conditions on the permit for this application:

CONNECTIONS, METERING & BACKFLOW

1. If applicable, a suitably sized water supply with metered connections and sewerage system and connections to the development must be designed and constructed to TasWater's satisfaction and be in accordance with any other conditions in this permit.

   Advice: Noting a proposal for a future amenities block on Sheets 1102 &1202, the developer may wish to install sleeper internal/private sewer and water infrastructure within the property as part of this stage of the development.

2. Any removal/supply and installation of water meters and/or the removal of redundant and/or installation of new and modified property service connections must be carried out by TasWater at the developer's cost.

3. Prior to commencing construction/use of the development, any water connection utilised for construction/the development must have a backflow prevention device and water meter installed, to the satisfaction of TasWater.

ASSET CREATION & INFRASTRUCTURE WORKS

4. Prior to applying for a Certificate for Certifiable Works,, the developer must physically locate all existing infrastructure to provide sufficient information for accurate design and physical works to be undertaken.

5. Prior to undertaking any works related to water and/or sewerage, physical markers must be in place that clearly identify where water and/or sewer connections are to be made in accordance with any approved plan to TasWater's satisfaction.

6. The developer must take all precautions to protect existing TasWater infrastructure. Any damage caused to existing TasWater infrastructure during the construction period must be promptly reported to TasWater and repaired by TasWater at the developer's cost.

   Advice: TasWater records indicate a critical sewer pressure main, asset A227495 is in the vicinity of the InterCity Cycleway.

7. Ground levels over the TasWater assets and/or easements must not be altered without the written approval of TasWater.

DEVELOPMENT ASSESSMENT FEES

8. The applicant or landowner as the case may be, must pay a development assessment fee of $242.85 to TasWater, as approved by the Economic Regulator and the fee will be indexed, until the date paid to TasWater.

   The payment is required within 30 days of the issue of an invoice by TasWater.

Advice

General

For information on TasWater development standards, please visit
https://www.taswater.com.au/building-and-development/technical-standards
For application forms please visit
https://www.taswater.com.au/building-and-development/development-application-form

Service Locations

Please note that the developer is responsible for arranging to locate the existing TasWater infrastructure and clearly showing it on the drawings. Existing TasWater infrastructure may be located by a surveyor and/or a private contractor engaged at the developers cost to locate the infrastructure.

a. A permit is required to work within TasWater's easements or in the vicinity of its infrastructure. Further information can be obtained from TasWater.
b. TasWater has listed a number of service providers who can provide asset detection and location services should you require it. Visit https://www.taswater.com.au/building-and-development/service-locations for a list of companies.
c. Sewer drainage plans or Inspection Openings (IO) for residential properties are available from your local council.

Declaration

The drawings/documents and conditions stated above constitute TasWater's Submission to Planning Authority Notice.