



WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works
DIAL 1100 BEFORE YOU DIG
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Level 7, 176 Wellington Parade
East Melbourne, VIC, Australia 3002

PAKENHAM REVITALISATION PROJECT

LANDSCAPE WORKS

MAIN STREET CENTRAL & GATEWAY

75% ISSUE - DRAFT

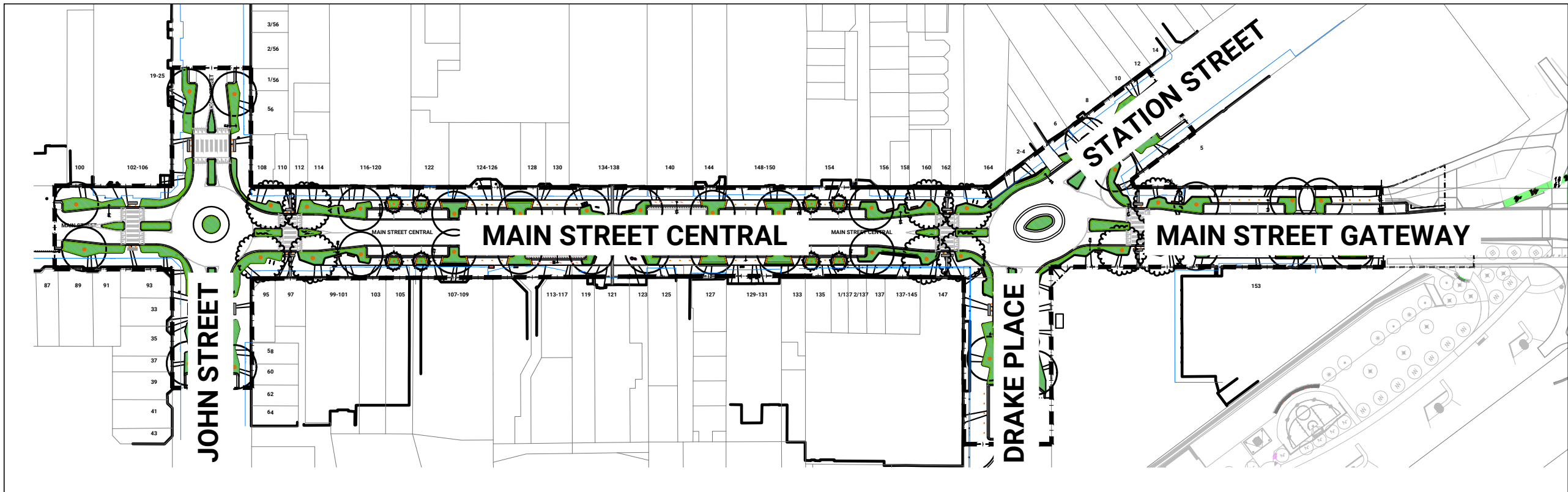
GENERAL NOTES

- NOTES:
- All drawings to be read in conjunction with the technical specification and materials schedule provided as part of the drawing set.
 - Unless otherwise specified on the drawings all measurements, lengths, heights and distances to be determined from dimensions and NOT scaled off the drawings. The landscape Contractor and Sub-Contractors shall verify all dimensions, lines, levels and existing service locations prior to commencement on site, preparation of detail/ shop drawings and fabrication of construction components.
 - Before commencement of any works it is the responsibility of the Landscape Contractor to contact relevant authorities for information on services in the area shown on the plan.
 - The locations of underground services are approximate only and their exact position should be proven on site. No guarantee is given that all existing services are shown. The Contractor shall verify the location and depth of all services prior to commencing on site.
 - The Contractor must have a copy of all authority services information and plans on site at all times.
 - The Contractor shall be liable for any damage to services during landscape works.
 - All trees shall be planted in locations shown on this plan, with setback to be approved on site by the Superintendent and/or Landscape Architect prior to planting.
 - The Contractor is to provide shop drawings to the Landscape Architect for review and approval. Fixing components and detail to be confirmed through shop drawing process. Where fixing types or structural spacings have not been nominated, the Contractor needs to ensure that engineer has approved any sizings and spacings installed.
 - All metal works edges to grind smooth, make neat joins, remove globules of weld metal, weld slag and foreign matter.
 - Any change in plant species must have the approval of the Superintendent and/or Landscape Architect.
 - The Superintendent and/or Landscape Architect is to inspect trees supplied by the Contractor prior to planting.
 - The Principal will ensure that all property boundaries are to be pegged out by licensed surveyors prior to set out of landscape works.
 - All drawings 'For Construction' to be printed in colour.

DRAWING SCHEDULE

Sheet List Table								
Sheet Number	Sheet Title	Sheet Description						
1	L000	TITLESHEET	15	L204	SURFACES 5 OF 6	31	L602	SECTIONS 3 OF 7
2	L001	SCHEDULES 1 OF 2	16	L205	SURFACES 6 OF 6	32	L603	SECTIONS 4 OF 5
3	L002	SCHEDULES 2 OF 2	17	L300	GRADING 1 OF 6	33	L604	SECTION 5 OF 7
4	L010	OVERALL PLAN	18	L301	GRADING 2 OF 6	34	L605	SECTIONS 6 OF 7
5	L100	DEMOLITION 1 OF 6	19	L302	GRADING 3 OF 6	35	L606	SECTIONS 7 OF 7
6	L101	DEMOLITION 2 OF 6	20	L303	GRADING 4 OF 6	36	L650	ZOOM-IN PLANS 1 OF 2
7	L102	DEMOLITION 3 OF 6	21	L304	GRADING 5 OF 6	37	L651	ZOOM-IN PLANS 2 OF 2
8	L103	DEMOLITION 4 OF 6	22	L305	GRADING 6 OF 6	38	L700	DETAILS - PAVING
9	L104	DEMOLITION 5 OF 6	23	L400	PLANTING 1 OF 6	39	L701	DETAILS - EDGES
10	L105	DEMOLITION 6 OF 6	24	L401	PLANTING 2 OF 6	40	L702	DETAILS - INTERFACES
11	L200	SURFACES 1 OF 6	25	L402	PLANTING 3 OF 6	41	L703	DETAILS - INTERFACES
12	L201	SURFACES 2 OF 6	26	L403	PLANTING 4 OF 6	42	L704	DETAILS - FURNITURE 1 OF 2
13	L202	SURFACES 3 OF 6	27	L404	PLANTING 5 OF 6	43	L705	DETAILS - FURNITURE 2 OF 2
14	L203	SURFACES 4 OF 6	28	L405	PLANTING 6 OF 6			
			29	L600	SECTIONS 1 OF 7			
			30	L601	SECTIONS 2 OF 7			

EXTENT OF WORKS & KEY PLAN



PRELIMINARY

1	75% ISSUE	N.J	22.05.24
-	50% ISSUE	N.J	31.01.24
Rev	Description	App	Date

PAKENHAM MAIN STREET

MAIN STREET CENTRAL & GATEWAY

TITLE SHEET

CARDINIA SHIRE COUNCIL

REV 1

17.01.24

L000

DESIGNED: MESH	DRAWN: PT	CHECKED: NJ
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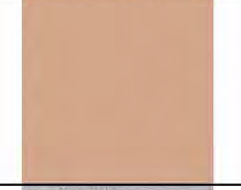


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mesh

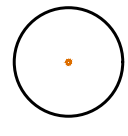
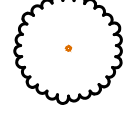
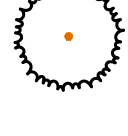
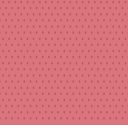
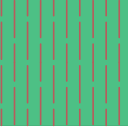
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MATERIAL SCHEDULE

Item	Description	Location	Image Reference	Detail Reference	Unit Size (mm)	Finish	Colour	Preferred Supplier
HARDSCAPE								
PV01	Exposed Aggregate VicMix 'Galadriel 05 Ivory' Refer Specification.	Footpaths - standard		XX/L7XX	150mm thk Refer Engineers	Exposed Aggregate	Blend of Milky quartzite and Earth coloured Ryhodactite in a Off White base	VicMix Address: 161 - 171 Ordish Rd, Dandenong South, VIC, 3175 Phone: (03) 8792 - 3100 Pakenham: 5945 1500
PV02	Honey Jasper Granite Paving	Footpaths - feature paving		XX/L7XX	600x400x40mm	Flamed Straight cut edge	Array of Ivory, Beige and Silver Tones.	N/A
PV03	Concrete Paving Pomegranite	Footpaths - laneways entryway		XX/L7XX	125mm thk Refer Engineers	Light Sandblast	Pomegranite	Hanson Australia 44 To 46 Edols St, North Geelong VIC 3215 Phone: (03) 5278 9600
PV04	Concrete Paving Standard grey	Driveways		XX/L7XX	150mm thk Refer Engineers	Brushed	Desert Sand	Concrete Colour Systems 43 Venture Dr, Sunshine West VIC 3020 Phone: (03) 9311 9225
PV05	Exposed Aggregate VicMix 'Amber Half Black' Refer Specification.	Feature paving		XX/L7XX	150mm thk Refer Engineers	Exposed Aggregate	Ocean Grove	VicMix Address: 161 - 171 Ordish Rd, Dandenong South, VIC, 3175 Phone: (03) 8792 - 3100 Pakenham: 5945 1500
EDGE TYPES								
ED01	Garden bed edge	Garden beds	N/A	XX/L7XX	150x150mm	Light Sandblast	Standard portland grey cement	N/A
ED02	Seat Edge Wall with FN01 seat insert.	Garden beds		XX/L7XX	400mm wide x 400mm high	Light Sandblast	Snow	Concrete Colour Systems 43 Venture Dr, Sunshine West VIC 3020 Phone: (03) 9311 9225
ED03	Edge Wall	Garden beds		XX/L7XX	400mm wide x 400mm high	Light Sandblast	Snow	Concrete Colour Systems 43 Venture Dr, Sunshine West VIC 3020 Phone: (03) 9311 9225
ED04	Steel Edge	Garden Beds		XX/L7XX	Varies	Hot dip galvanised	N/A	N/A
SOFTSCAPE								
Mulch	Planting	Garden beds	N/A	XX/L7XX	12-20mm 75mm depth	N/A	Gravel Mulch - TBC	TBC
Crushed Rock/ Bluestone Screenings	Drainage	Garden beds	N/A	XX/L7XX	14mm Scoria 125mm depth	N/A	Scoria 14mm or approved equivalent	Ecodynamics 480 Cooper Street, Epping VIC 3076 Tel: 1300 78 22 66

PLANTING SCHEDULE

CONCEPT PLANT SCHEDULE

	TR01 Acer rubrum 'October Glory' / October Glory Red Maple	32	100L, Pot	11.25m oc
	TR02 Brachychiton acerifolius / Flame Tree	11	100L, Pot	11.25m oc
	TR03 Catalpa bignonioides 'Grafted Standard' / Standard Indian Bean Tree	8	50cm, Pot	4m oc
	PM01 - ROUNABOUT & CROSSING CENTRES Carpobrotus glaucescens / Ice Plant Chryscephalum apiculatum 'Desert Flame' / Desert Flame Everlasting Grevillea lanigera 'Prostrate' / Prostrate Woolly Grevillea Xerochrysium bracteatum 'Daisy Fields Blush' / Strawflower	185.2 m² 184 288 184 184	150mm, Pot, 4sqm 150mm, Pot, 6sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm	25% @ 0.51m oc 25% @ 0.41m oc 25% @ 0.51m oc 25% @ 0.51m oc
	PM02 - CROSSING GARDEN BEDS Adenanthos sericeus 'Silver Lining' / Silver Lining Coastal Woollybush Anigozanthos flavidus 'Landscape Scarlet' / Landscape Scarlet Kangaroo Paw Chryscephalum apiculatum 'Desert Flame' / Desert Flame Everlasting Gastrobium praemorsum 'Brown Butterfly' / Brown Butterfly Gastrolobium Grevillea x 'Poorinda Royal Mantle' / Poorinda Royal Mantle Grevillea	409.1 m² 368 163 572 368 368	150mm, Pot, 4sqm 150mm, Pot, 4sqm 150mm, Pot, 6sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm	22.5% @ 0.51m oc 10% @ 0.51m oc 22.5% @ 0.41m oc 22.5% @ 0.51m oc 22.5% @ 0.51m oc 22.5% @ 0.51m oc
	PM03 - INTERSECTION GARDEN BEDS Adenanthos sericeus 'Silver Lining' / Silver Lining Coastal Woollybush Grevillea humilis 'Coastal Gem' / Coastal Gem Grevillea Lomandra filiformis 'LMF500' / Savannah Blue™ Wattle Mat Rush Patersonia occidentalis / Long Purple-flag Rosmarinus officinalis 'Prostratus' / Dwarf Rosemary	152.3 m² 187 121 121 121 187	150mm, Pot, 2sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm 150mm, Pot, 2sqm 150mm, Pot, 2sqm	20% @ 0.41m oc 20% @ 0.51m oc 20% @ 0.51m oc 20% @ 0.51m oc 20% @ 0.51m oc 20% @ 0.41m oc
	PM04 - MIDDLE GARDEN BED Austromyrtus dulcis / Midgen Berry Dianella revoluta / Spreading Flax Lily Diplarrena moraea / White Iris Grevillea x 'Poorinda Royal Mantle' / Poorinda Royal Mantle Grevillea Lomandra cylindrica 'Lime Wave' / Lime Wave Lomandra	372.5 m² 301 301 301 152 301	150mm, Pot, 4sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm 150mm, Pot, 2sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm	20% @ 0.51m oc 20% @ 0.51m oc 20% @ 0.51m oc 20% @ 0.72m oc 20% @ 0.51m oc 20% @ 0.51m oc
	PM05 - WSUD UPPER Arthropodium cirratum / Renga Lily Lomandra cylindrica 'Lime Wave' / Lime Wave Lomandra Poa labillardieri / Tussock Grass	48.8 m² 76 56 56	150mm, Pot, 4sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm	40% @ 0.51m oc 30% @ 0.51m oc 30% @ 0.51m oc 30% @ 0.51m oc
	PM06 - WSUD MIDDLE Carex appressa / Tall Sedge Dianella caerulea 'Emerald Fountain' / Emerald Fountain Flax Lily Pitcinia nodosa / Knobby Club Rush Juncus pallidus / Hammer's Rush	63.8 m² 63 63 63 63	150mm, Pot, 4sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm	25% @ 0.51m oc 25% @ 0.51m oc 25% @ 0.51m oc 25% @ 0.51m oc 25% @ 0.51m oc
	PM07 - WSUD LOWER Chryscephalum apiculatum 'Desert Flame' / Desert Flame Everlasting Grevillea lanigera 'Prostrate' / Prostrate Woolly Grevillea	44.2 m² 139 91	150mm, Pot, 6sqm 150mm, Pot, 4sqm 150mm, Pot, 4sqm	50% @ 0.41m oc 50% @ 0.51m oc 50% @ 0.51m oc

PRELIMINARY

1	75% ISSUE	N.J	22.05.24
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-	50% ISSUE	N.J	31.01.24
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Rev	Description	App	Date
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PAKENHAM MAIN STREET

MAIN STREET CENTRAL & GATEWAY

SCHEDULES

CARDINIA SHIRE COUNCIL

REV 1

17.01.24

L001

DESIGNED: MESH	DRAWN: PT	CHECKED: NJ
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FURNITURE & FIXTURES SCHEDULE

Code	Item/ Model No.	Image Reference	Detail Reference	Unit Size (mm)	Material	Colour & Finish	Qty	Preferred Supplier
FURNITURE								
FN01	Linea Seat LIS10 Subsurface Fixed		XXL7XX	1800mm x 540mm	Stainless 304 Frame Aluminium timber slats All seats to include backrest and armrests.	Slats: Aluminium Spotted Gum Frame and armrests: Powdercoat 'Wcoat' Colour.	11No.	Street Furniture Australia Pty Limited Level 2, Riverside Quay, 1 Southbank Boulevard, Southbank 3006 Tel 03 8370 8863 Mobile 0400 495 521 vic@streetfurniture.com
	Linea Seat LIS10 Recessed in ED02 Wall						11No.	
								
FN02	DOA Bollard		Refer Engineers	1300m H	Standard	Powdercoat Safety Yellow, Reflective top	12No.	N/A
FN03	Linea Bollard B6 Fixed Bollards (subsurface)		XXL7XX	100W x 120L x 910H (mm)	Frame: Stainless steel 304 Insert: Aluminium	Frame: Texture One Skin Insert: Laser etched Bush Cherry	99No.	Street Furniture Australia Pty Limited Level 2, Riverside Quay, 1 Southbank Boulevard, Southbank 3006 Tel 03 8370 8863 Mobile 0400 495 521 vic@streetfurniture.com
FN04	89169 - Hobart Powdercoated 240L Bin Surround		XXL7XX	240L	Frame: Mild Steel, square grid pattern Coverings: Standard Frogmouth for both Lock system: Padlock Tabs	Frame: Powdercoat Deep Ocean colour.	1No. General 1No. Recycling	Draffin Street Furniture - Commercial Street Furniture Supplier 9 Edmeister St, Bayswater VIC 3153 Phone: (03) 9728 1053
FN05	Linea Bicycle Stand BS107 Surface Fixed		XXL7XX	600L x 750W x 782H	Frame: Stainless steel 304, Insert: Aluminium.	Frame: Texture One Skin Insert: Bush Cherry.	4No.	Street Furniture Australia Pty Limited Level 2, Riverside Quay, 1 Southbank Boulevard, Southbank 3006 Tel 03 8370 8863 Mobile 0400 495 521 vic@streetfurniture.com
FN06	Flight FL19 Drinking Fountain		XXL7XX	LB40 x W205 x H890mm	Body - 304 Stainless Steel Water Dish - 316 Stainless Steel Accessory: Tap & Dog Bowl	Body - Powder Coat (Standard) Water Dish - Bead Blasted (Standard)	1No.	23 Baladeva Street Woolongahbee, Brisbane QLD 4102, Australia PHONE: +61 7 3844 1951 EMAIL: sales@streetandgarden.com
FIXTURES								
FX01	TGS's		XXL7XX	Standard	Stainless Steel Tactile Warning Composite Discrete with Black Carboniumum infill Stainless Steel 316		N/A	N/A
FX02	Directional tactile		XXL7XX	13mm	Stainless Steel Directional Warning Composite Discrete with Black Carboniumum infill Stainless Steel 316		N/A	N/A

PRELIMINARY

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Rev	Description	App	Date

PAKENHAM MAIN STREET

MAIN STREET CENTRAL & GATEWAY
SCHEDULES
CARDINIA SHIRE COUNCIL

REV 1
17.01.24
L002

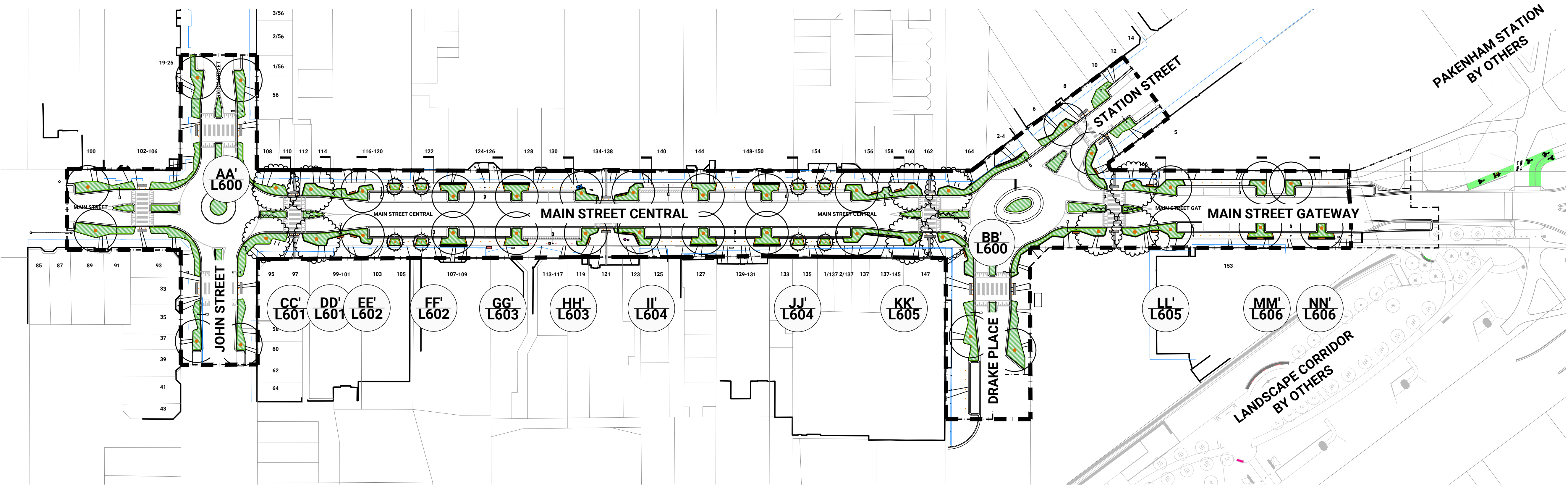
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Rev	Description	App	Date

PAKENHAM MAIN STREET

MAIN STREET CENTRAL & GATEWAY
OVERALL PLAN
CARDINIA SHIRE COUNCIL

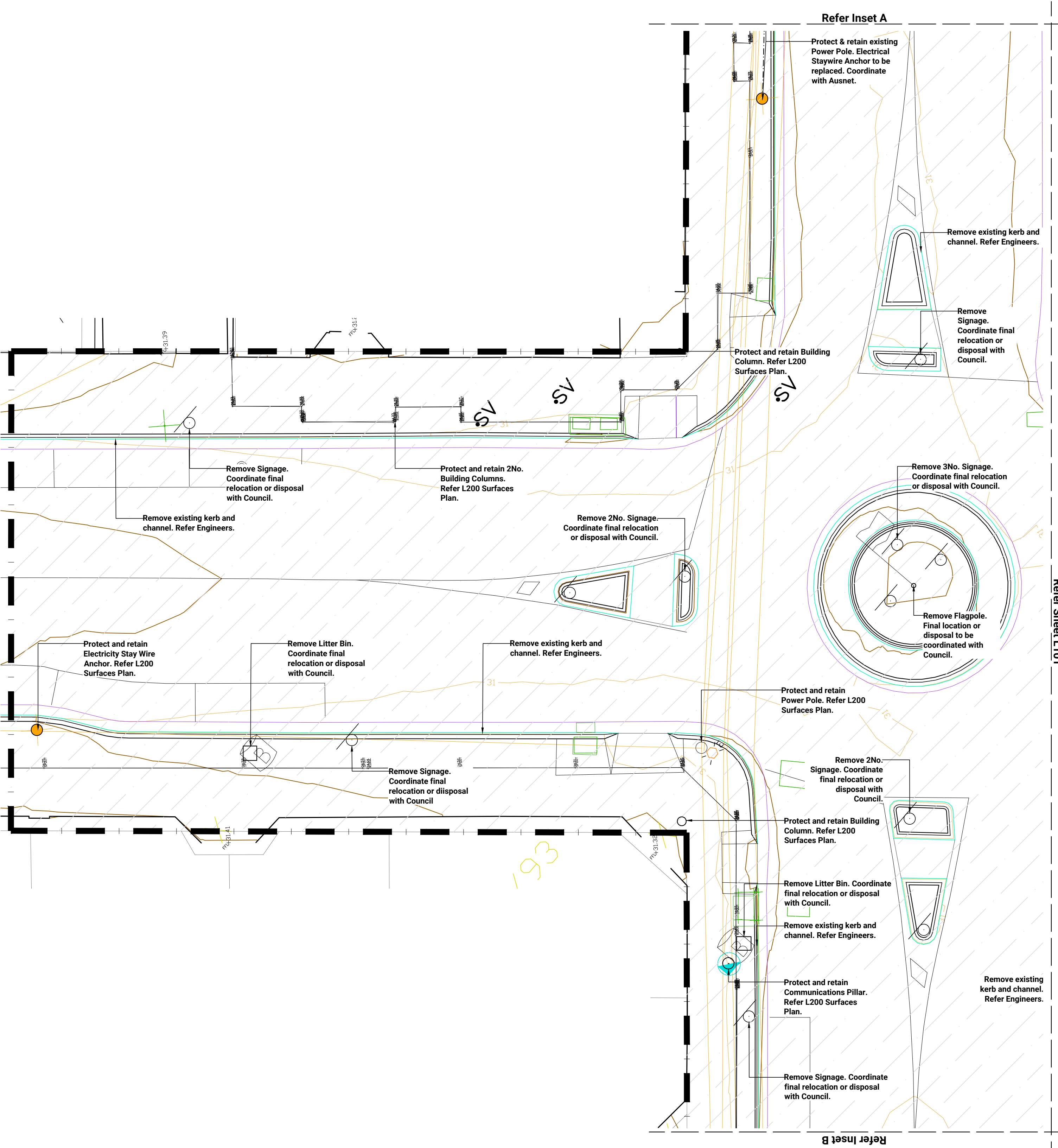
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17.01.24
L110

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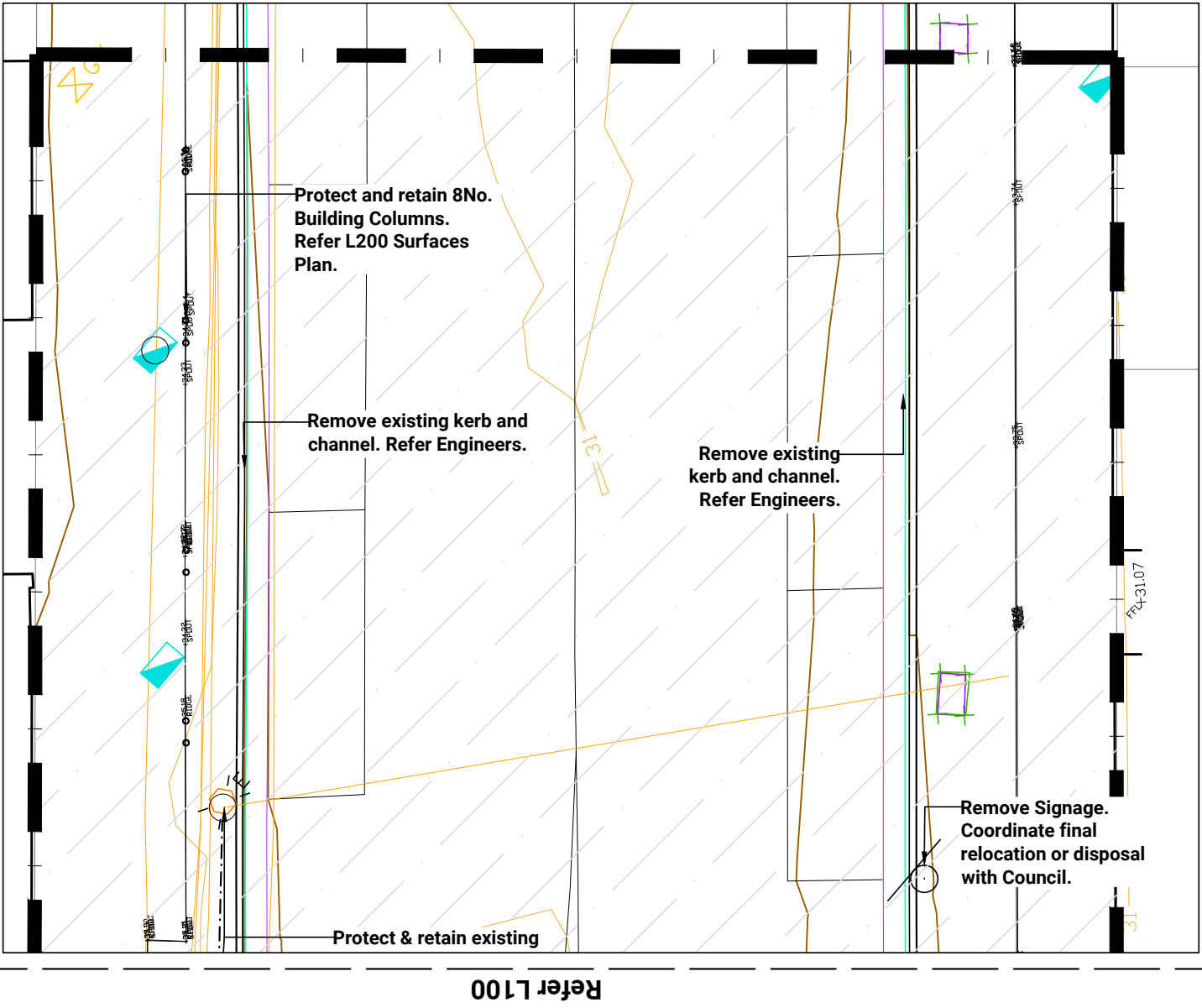


SCALE 1:500 @ A1 & 1:1000 @ A3

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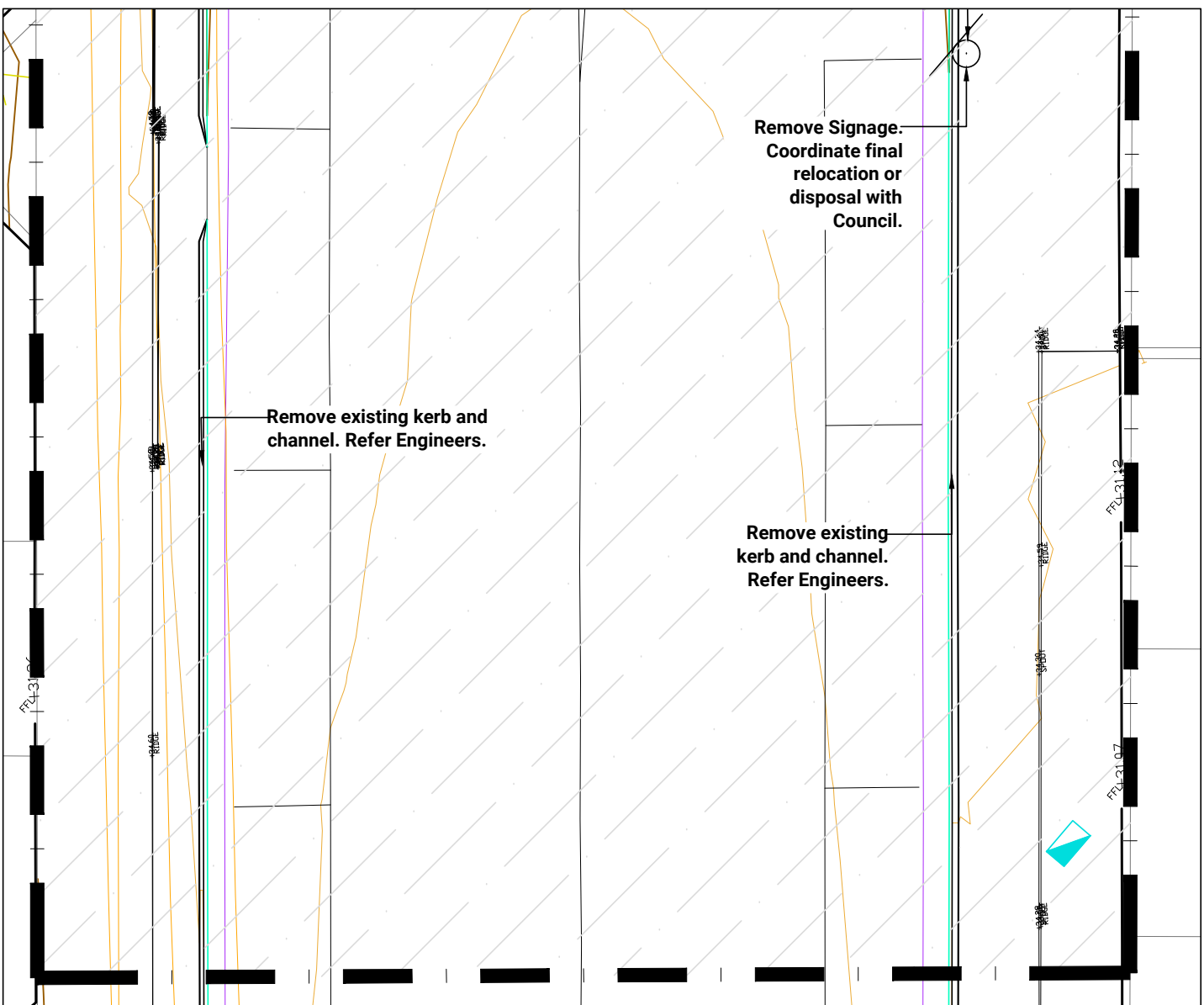


INSET A



Refer L100

Refer L100



INSET B

DRAWING KEY

- EXTENT OF WORKS
- DEMOLISH. REFER ENGINEERS.
- RELOCATE YAKKABOO SCULPTURE. RE TO SURFACE L20X PLAN.
- PROTECT AND RETAIN MAILBOX. REFER TO SURFACE L20X PLAN.
- RELOCATE TELSTRA BOX. REFER TO SURFACE L20X PLAN.
- PROTECT AND RETAIN ELECTRICAL TRANSFORMER BOX. REFER TO SURFACE L201 & L202 PLAN.

Note:
Items noted as part of demolition are based off survey information provided. Any items missing from drawings to be queried with Council/ Superintendent.

PRELIMINARY

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-	50% ISSUE	N.J	31.01.24
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PAKENHAM MAIN STREET

MAIN STREET CENTRAL
DEMOLITION
CARDINIA SHIRE COUNCIL

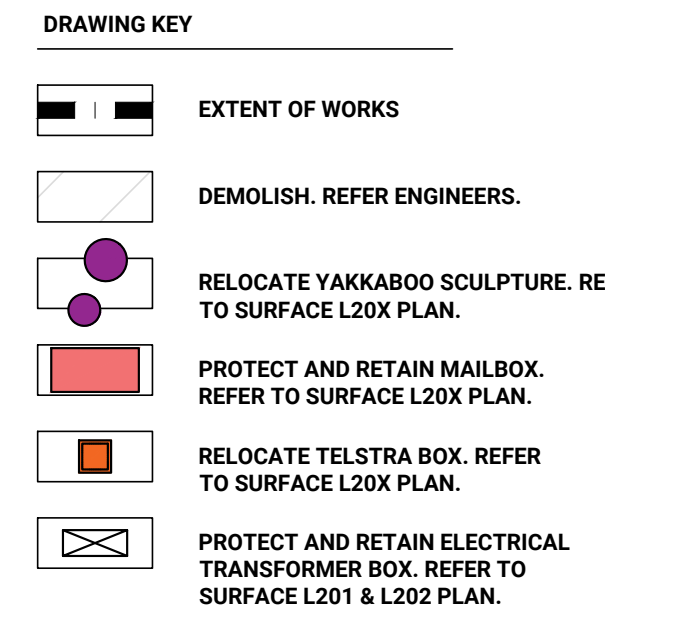
REV 1
17.01.24
L100

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SCALE 1:100 @ A1 & 1:200 @ A3

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PAKENHAM MAIN STREET

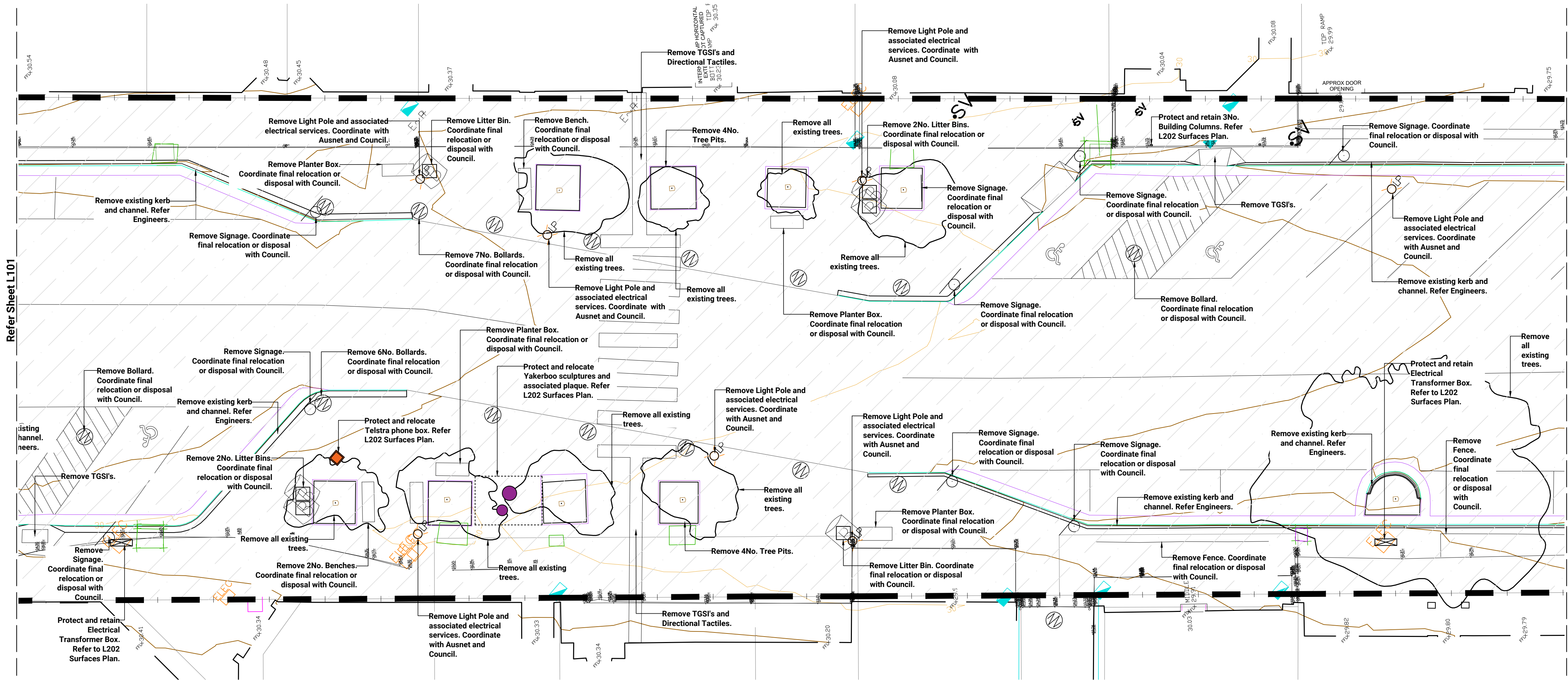
**MAIN STREET CENTRAL
DEMOLITION
CARDINIA SHIRE COUNCIL**

REV 1
17.01.24
L101



SCALE 1:100 @ A1 & 1:200 @ A3

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DRAWING KEY

- EXTENT OF WORKS
- DEMOLISH. REFER ENGINEERS.
- RELOCATE YAKKABOO SCULPTURE. RE TO SURFACE L20X PLAN.
- PROTECT AND RETAIN MAILBOX. REFER TO SURFACE L20X PLAN.
- RELOCATE TELSTRA BOX. REFER TO SURFACE L20X PLAN.
- PROTECT AND RETAIN ELECTRICAL TRANSFORMER BOX. REFER TO SURFACE L201 & L202 PLAN.

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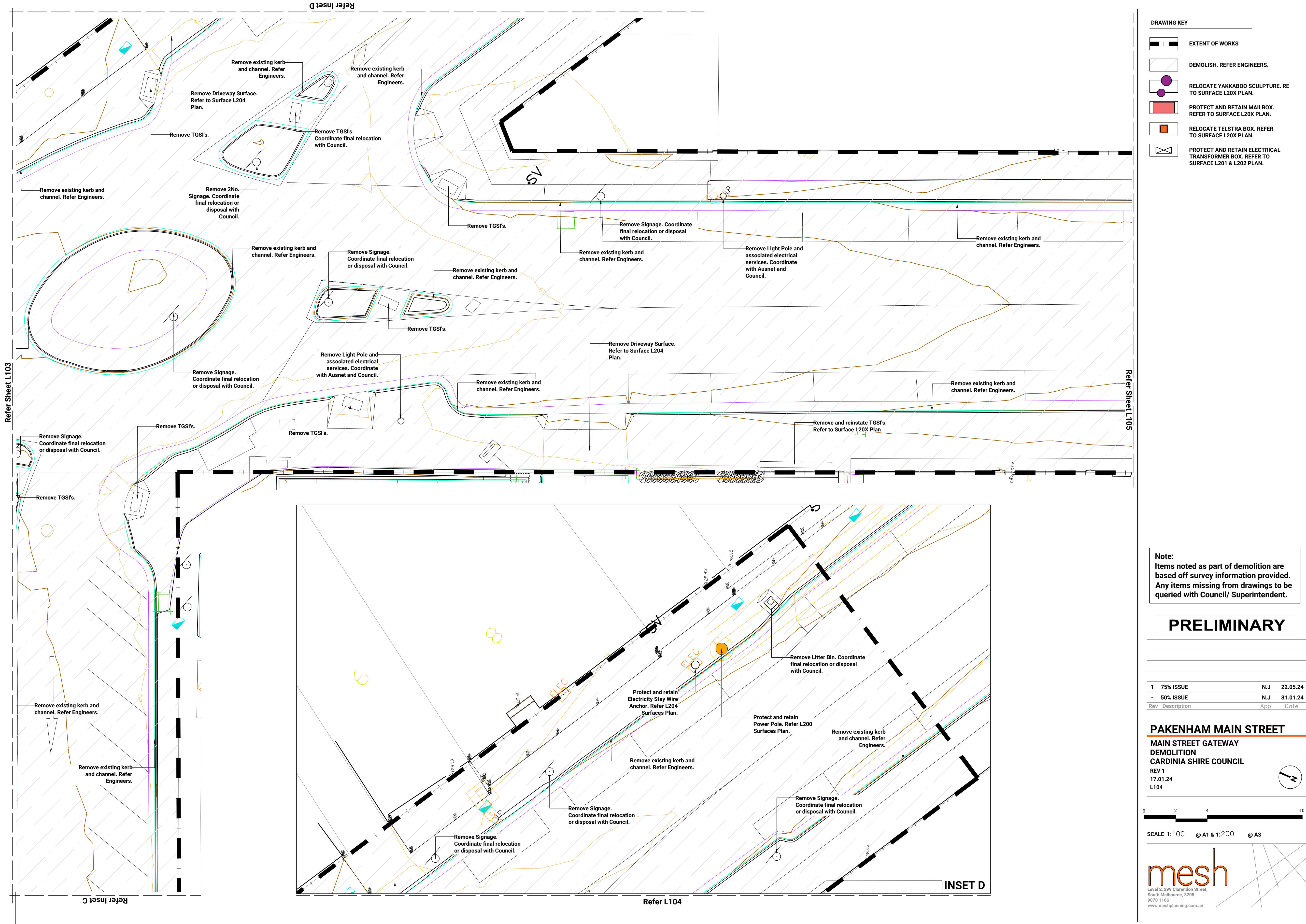
MAIN STREET CENTRAL
DEMOLITION
CARDINIA SHIRE COUNCIL

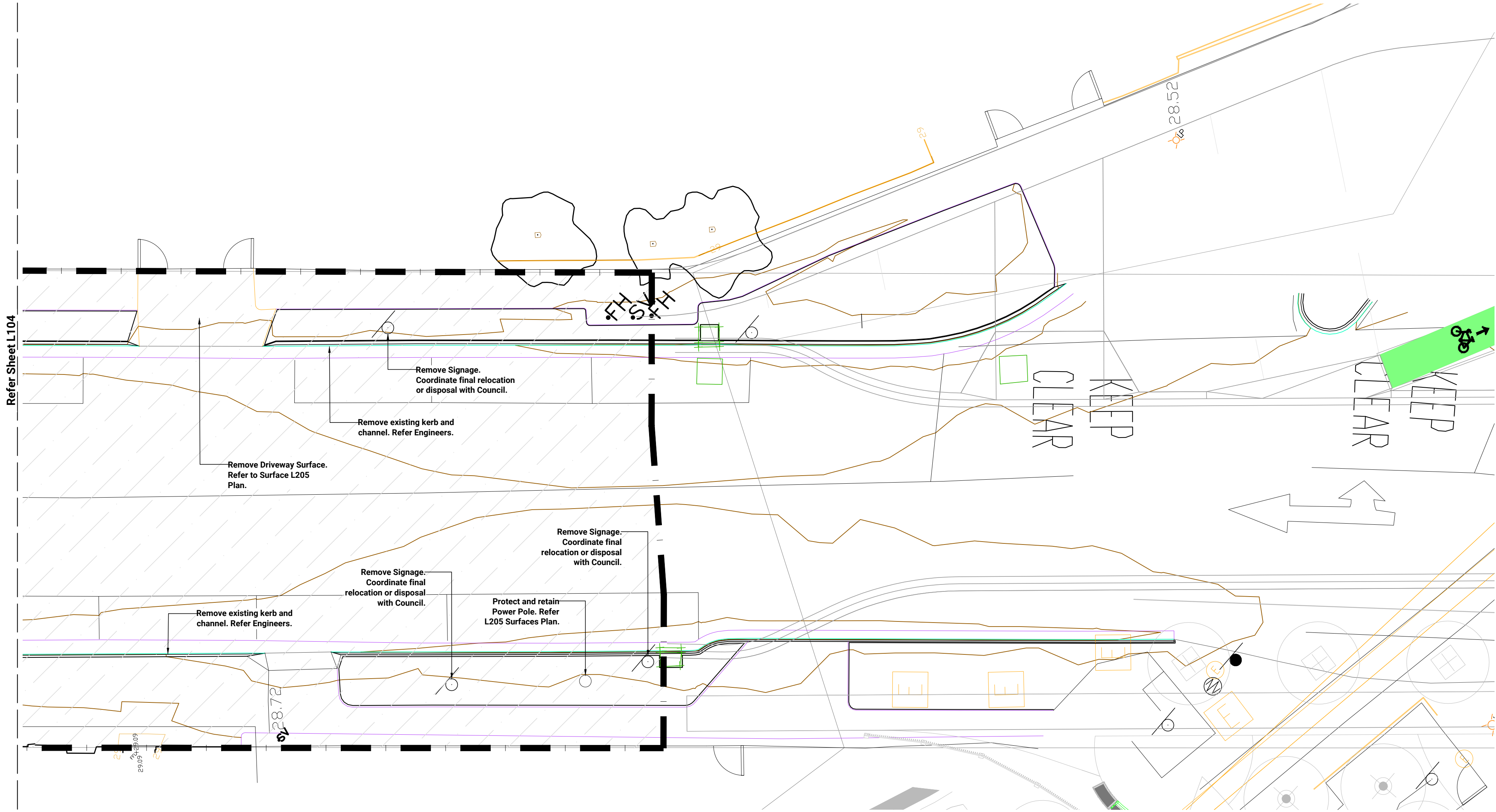
REV 1
17.01.24
L102



SCALE 1:100 @ A1 & 1:200 @ A3

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DRAWING KEY

- EXTENT OF WORKS
- DEMOLISH. REFER ENGINEERS.
- RELOCATE YAKKABOO SCULPTURE. RE TO SURFACE L20X PLAN.
- PROTECT AND RETAIN MAILBOX. REFER TO SURFACE L20X PLAN.
- RELOCATE TELSTRA BOX. REFER TO SURFACE L20X PLAN.
- PROTECT AND RETAIN ELECTRICAL TRANSFORMER BOX. REFER TO SURFACE L201 & L202 PLAN.

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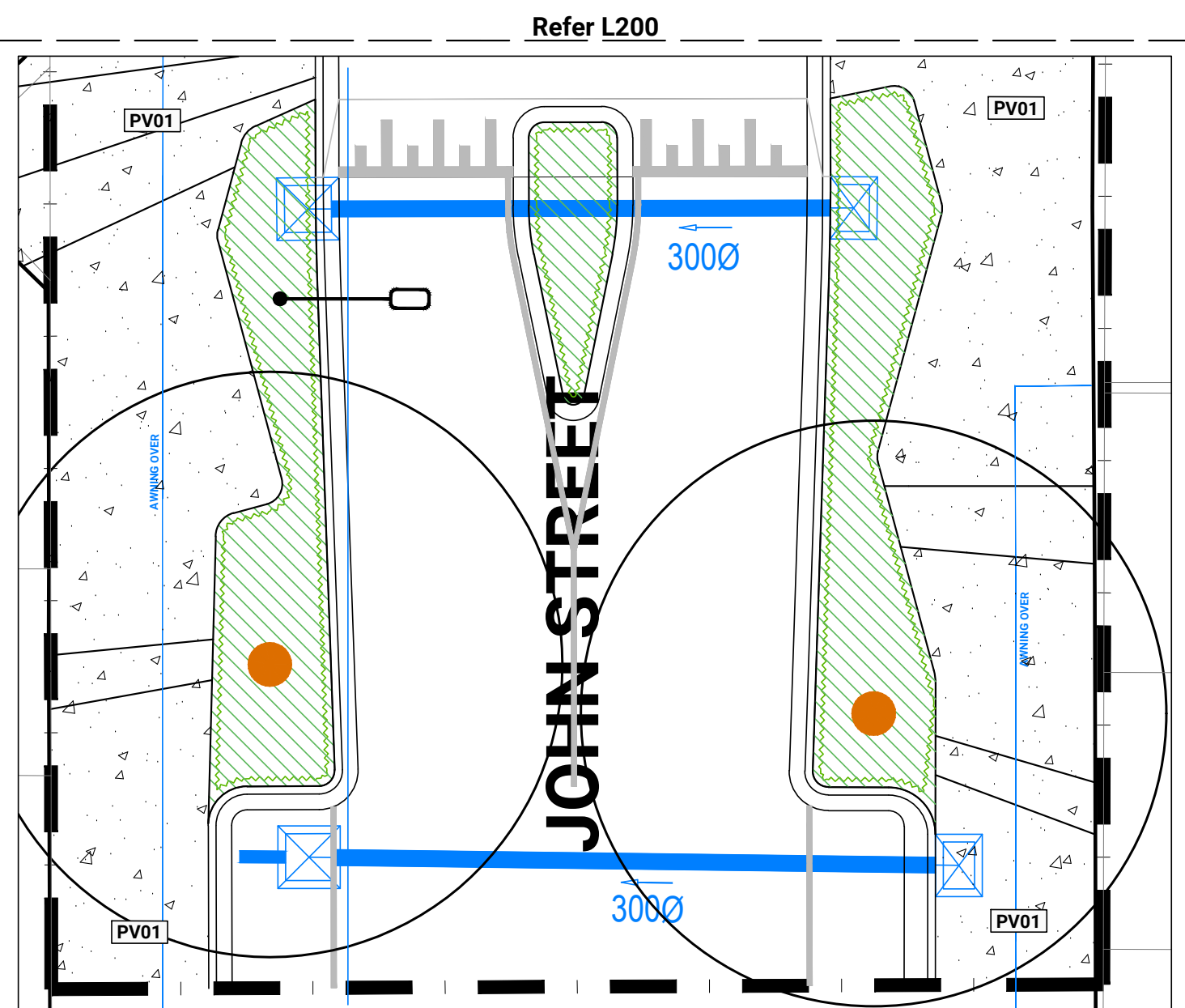
MAIN STREET GATEWAY
DEMOLITION
CARDINIA SHIRE COUNCIL

REV 1
17.01.24
L105



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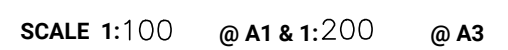
mesh
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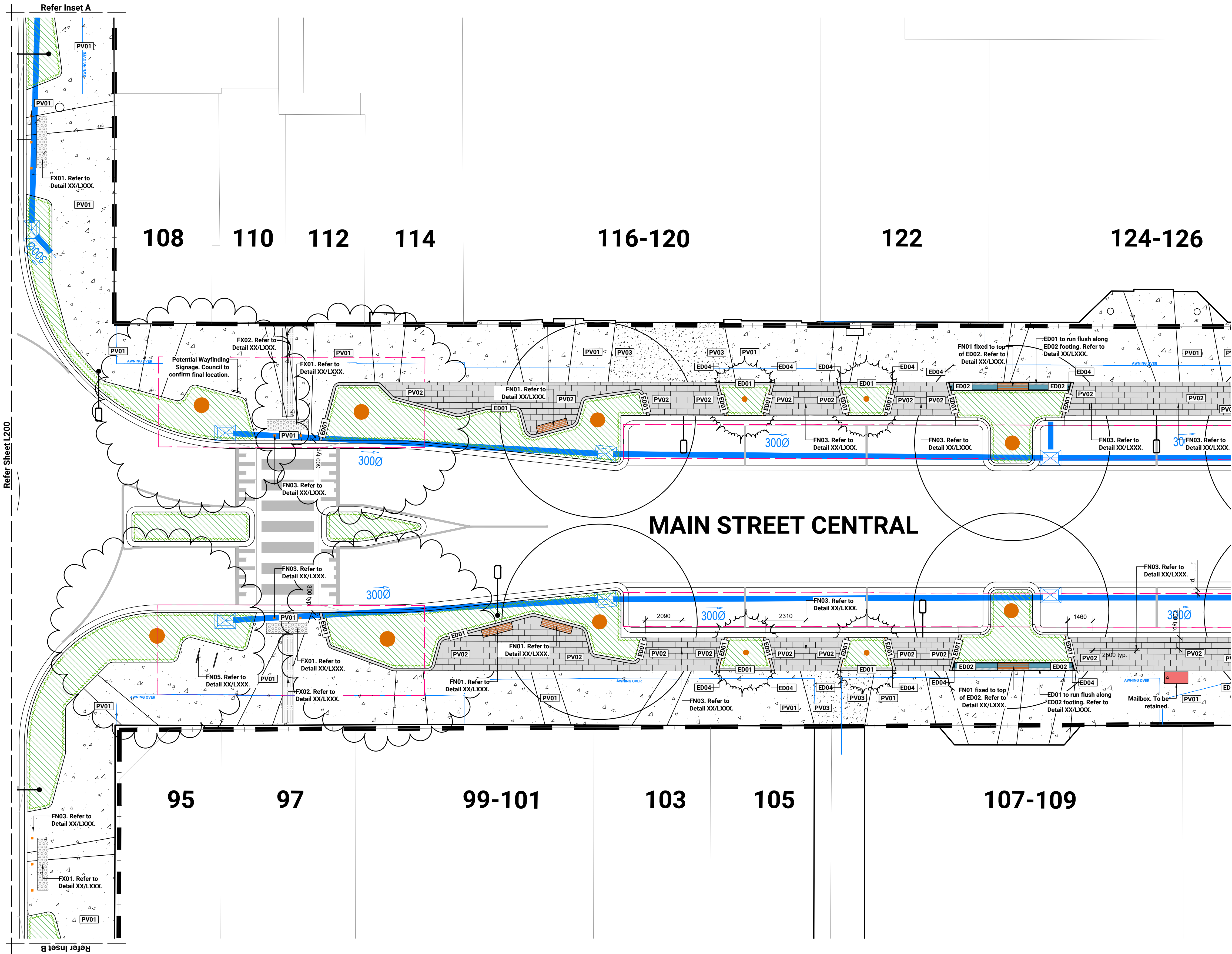


PRELIMINARY

PAKENHAM MAIN STREET

REV 1
17.01.24
L200





DRAWING KEY

- EXTENT OF WORKS.
- PV01. PAVING TYPE 01. REFER DETAIL XX/L7XX. JOINT PATTERN FOR EXPANSION AND ISOLATION JOINTS. REFER ENGINEERS.
- PV02. PAVING TYPE 02. REFER DETAIL XX/L7XX.
- PV03. PAVING TYPE 03. REFER DETAIL XX/L7XX.
- PV04. PAVING TYPE 04. REFER DETAIL XX/L7XX.
- PV05. PAVING TYPE 05. REFER DETAIL XX/L7XX.
- ED01. EDGE TYPE 01 - 150MM WIDE EDGE. REFER DETAIL XX/L7XX.
- ED02. EDGE TYPE 02 - SEAT WALL WITH FN01 FIXED. REFER DETAIL XX/L7XX.
- ED03. EDGE TYPE 03 - SEAT WALL (OUTDOOR DINING AREAS). REFER DETAIL XX/L7XX.
- ED04. EDGE TYPE 04 - STEEL EDGE. REFER DETAIL XX/L7XX.
- GARDEN BED. REFER DETAIL XX/L7XX. REFER PLANTING PLAN L400 SERIES.
- FN01 - BENCH SEAT. REFER FURNITURE SCHEDULE L001.
- FN02 - DDA BOLLARDS. REFER FURNITURE SCHEDULE L001.
- FN03 - BOLLARDS. REFER FURNITURE SCHEDULE L001.
- FN04 - BIN ENCLOSURE. REFER FURNITURE SCHEDULE L001.
- FN05 - BIKE RACKS. REFER FURNITURE SCHEDULE L001.
- FN06 - DRINKING FOUNTAIN. REFER FURNITURE SCHEDULE L001.
- FX01 - TGS's. REFER FURNITURE SCHEDULE L001.
- FX02 - DIRECTIONAL TACTILES. REFER FURNITURE SCHEDULE L001.
- TELSTRA BOX.
- YAKKABOO SCULPTURE.
- MAILBOX.
- PROPOSED TREES. REFER PLANTING L400 PLANS.
- STRATAVAULT TREE PITS. REFER DETAIL XX/L7XX. REFER ENGINEERS.

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-	50% ISSUE	N.J	31.01.24
Rev	Description	App	Date

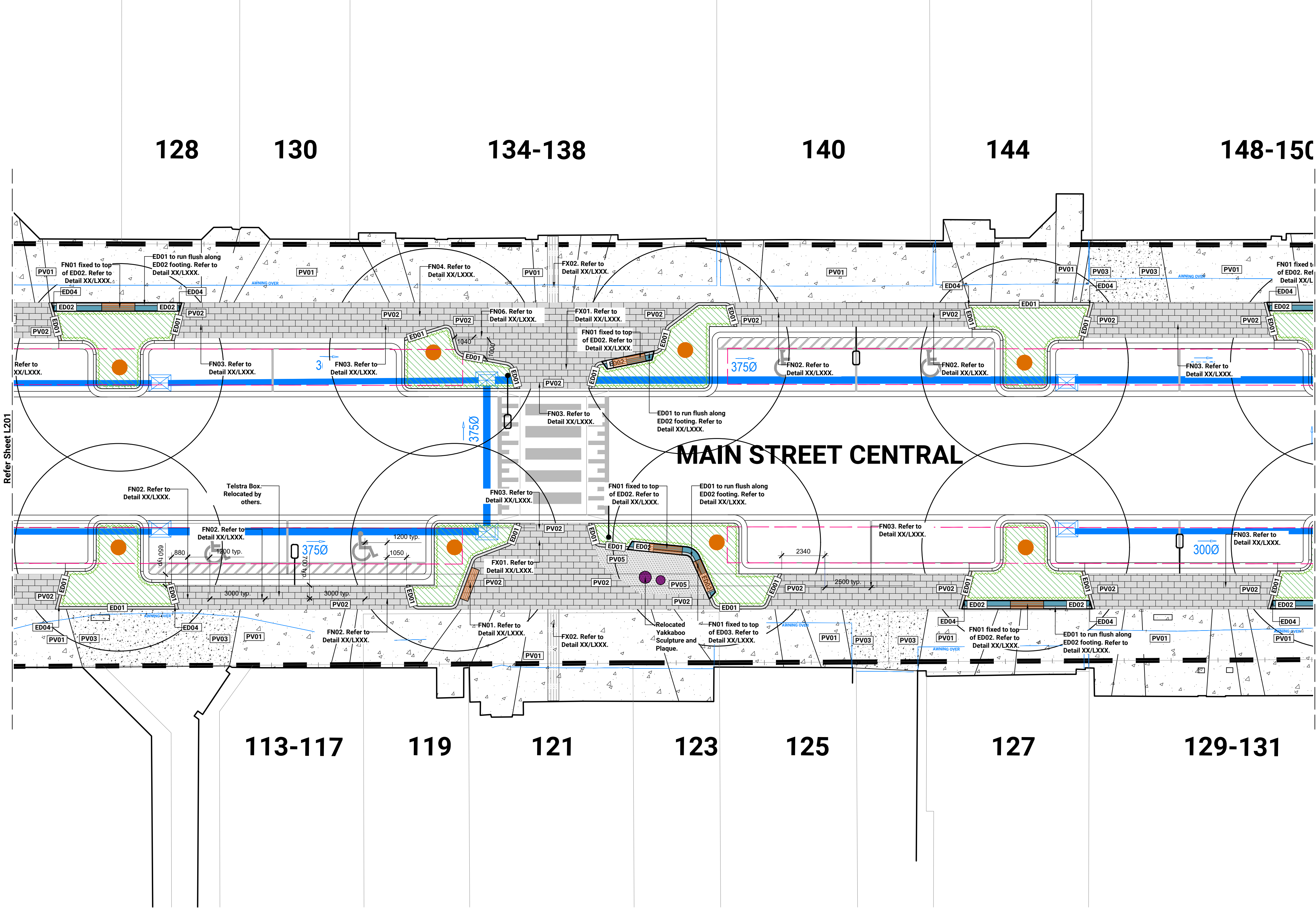
PAKENHAM MAIN STREET

MAIN STREET CENTRAL
SURFACES
CARDINIA SHIRE COUNCIL
REV 1
17.01.24
L201

SCALE 1:100 @ A1 & 1:200 @ A3

mesh

Level 2, 299 Clarendon Street,
South Melbourne, 3205
9070 1166
www.meshplanning.com.au



DRAWING KEY

- EXTENT OF WORKS.
- PV01. PAVING TYPE 01. REFER DETAIL XX/L7XX. JOINT PATTERN FOR EXPANSION AND ISOLATION JOINTS. REFER ENGINEERS.
- PV02. PAVING TYPE 02. REFER DETAIL XX/L7XX.
- PV03. PAVING TYPE 03. REFER DETAIL XX/L7XX.
- PV04. PAVING TYPE 04. REFER DETAIL XX/L7XX.
- PV05. PAVING TYPE 05. REFER DETAIL XX/L7XX.
- ED01. EDGE TYPE 01 - 150MM WIDE EDGE. REFER DETAIL XX/L7XX.
- ED02. EDGE TYPE 02 - SEAT WALL WITH FN01 FIXED. REFER DETAIL XX/L7XX.
- ED03. EDGE TYPE 03 - SEAT WALL (OUTDOOR DINING AREAS). REFER DETAIL XX/L7XX.
- ED04. EDGE TYPE 04 - STEEL EDGE. REFER DETAIL XX/L7XX.
- GARDEN BED. REFER DETAIL XX/L7XX. REFER PLANTING PLAN L400 SERIES.
- FN01 - BENCH SEAT. REFER FURNITURE SCHEDULE L001.
- FN02 - DDA BOLLARDS. REFER FURNITURE SCHEDULE L001.
- FN03 - BOLLARDS. REFER FURNITURE SCHEDULE L001.
- FN04 - BIN ENCLOSURE. REFER FURNITURE SCHEDULE L001.
- FN05 - BIKE RACKS. REFER FURNITURE SCHEDULE L001.
- FN06 - DRINKING FOUNTAIN. REFER FURNITURE SCHEDULE L001.
- FX01 - TGS's. REFER FURNITURE SCHEDULE L001.
- FX02 - DIRECTIONAL TACTILES. REFER FURNITURE SCHEDULE L001.
- TELSTRA BOX.
- YAKKABOO SCULPTURE.
- MAILBOX.
- PROPOSED TREES. REFER PLANTING L400 PLANS.
- STRATAVAULT TREE PITS. REFER DETAIL XX/L7XX. REFER ENGINEERS.

PRELIMINARY

1	75% ISSUE	N.J	22.05.24
-	50% ISSUE	N.J	31.01.24
Rev	Description	App	Date

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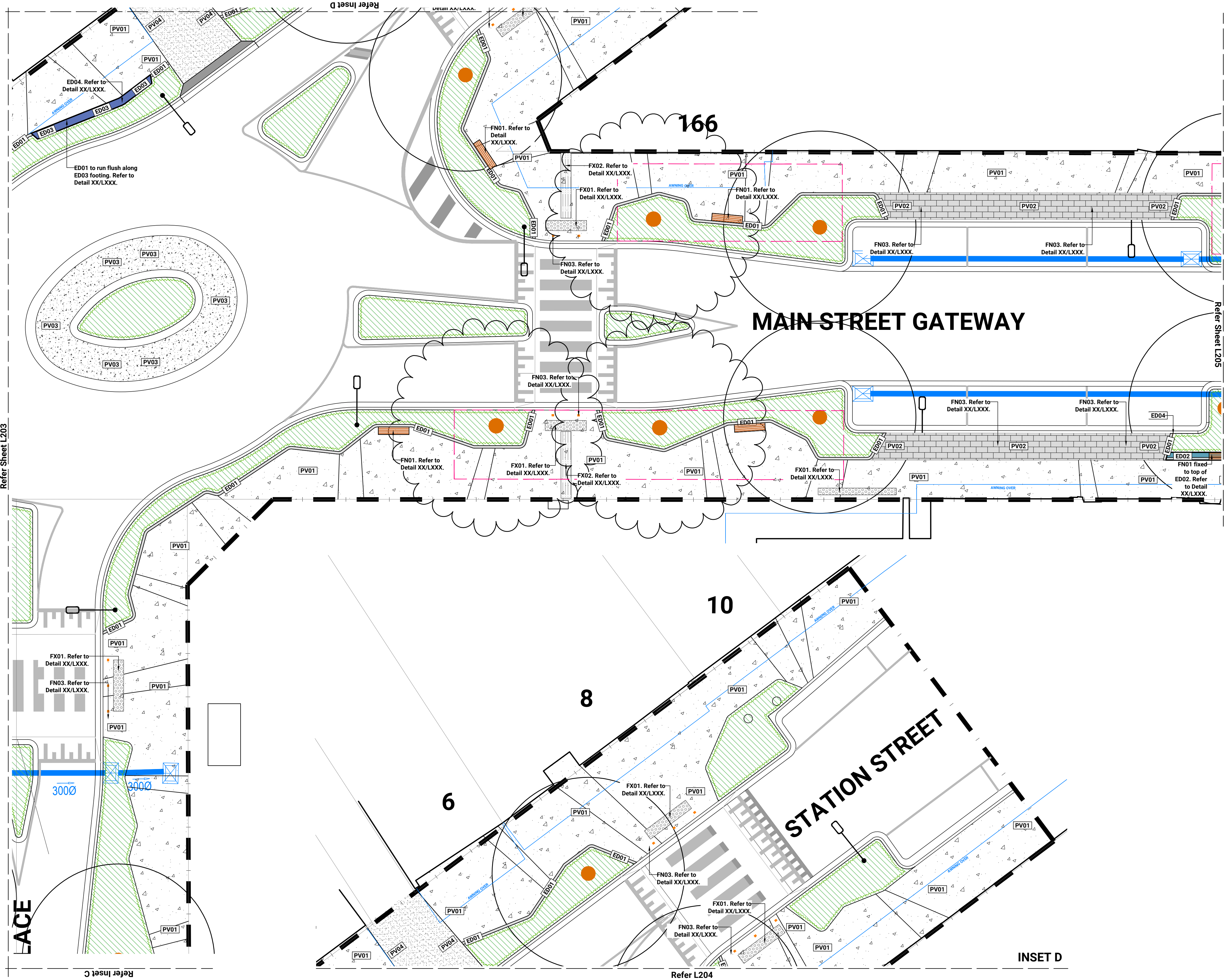
MAIN STREET CENTRAL
SURFACES
CARDINIA SHIRE COUNCIL
REV 1
17.01.24
L202



SCALE 1:100 @ A1 & 1:200 @ A3

mesh

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DRAWING KEY

- EXTENT OF WORKS.
- PV01. PAVING TYPE 01. REFER DETAIL XX/L7XX. JOINT PATTERN FOR EXPANSION AND ISOLATION JOINTS. REFER ENGINEERS.
- PV02. PAVING TYPE 02. REFER DETAIL XX/L7XX.
- PV03. PAVING TYPE 03. REFER DETAIL XX/L7XX.
- PV04. PAVING TYPE 04. REFER DETAIL XX/L7XX.
- PV05. PAVING TYPE 05. REFER DETAIL XX/L7XX.
- ED01. EDGE TYPE 01 - 150MM WIDE EDGE. REFER DETAIL XX/L7XX.
- ED02. EDGE TYPE 02 - SEAT WALL WITH FN01 FIXED. REFER DETAIL XX/L7XX.
- ED03. EDGE TYPE 03 - SEAT WALL (OUTDOOR DINING AREAS). REFER DETAIL XX/L7XX.
- ED04. EDGE TYPE 04 - STEEL EDGE. REFER DETAIL XX/L7XX.
- GARDEN BED. REFER DETAIL XX/L7XX. REFER PLANTING PLAN L400 SERIES.
- FN01 - BENCH SEAT. REFER FURNITURE SCHEDULE L001.
- FN02 - DDA BOLLARDS. REFER FURNITURE SCHEDULE L001.
- FN03 - BOLLARDS. REFER FURNITURE SCHEDULE L001.
- FN04 - BIN ENCLOSURE. REFER FURNITURE SCHEDULE L001.
- FN05 - BIKE RACKS. REFER FURNITURE SCHEDULE L001.
- FN05 - DRINKING FOUNTAIN. REFER FURNITURE SCHEDULE L001.
- FX01 - TGS's. REFER FURNITURE SCHEDULE L001.
- FX02 - DIRECTIONAL TACTILES. REFER FURNITURE SCHEDULE L001.
- TELSTRA BOX.
- YAKKABOO SCULPTURE.
- MAILBOX.
- PROPOSED TREES. REFER PLANTING L400 PLANS.
- STRATAVAULT TREE PITS. REFER DETAIL XX/L7XX. REFER ENGINEERS.

PRELIMINARY

1	75% ISSUE	N.J	22.05.24
-	50% ISSUE	N.J	31.01.24
Rev	Description	App	Date

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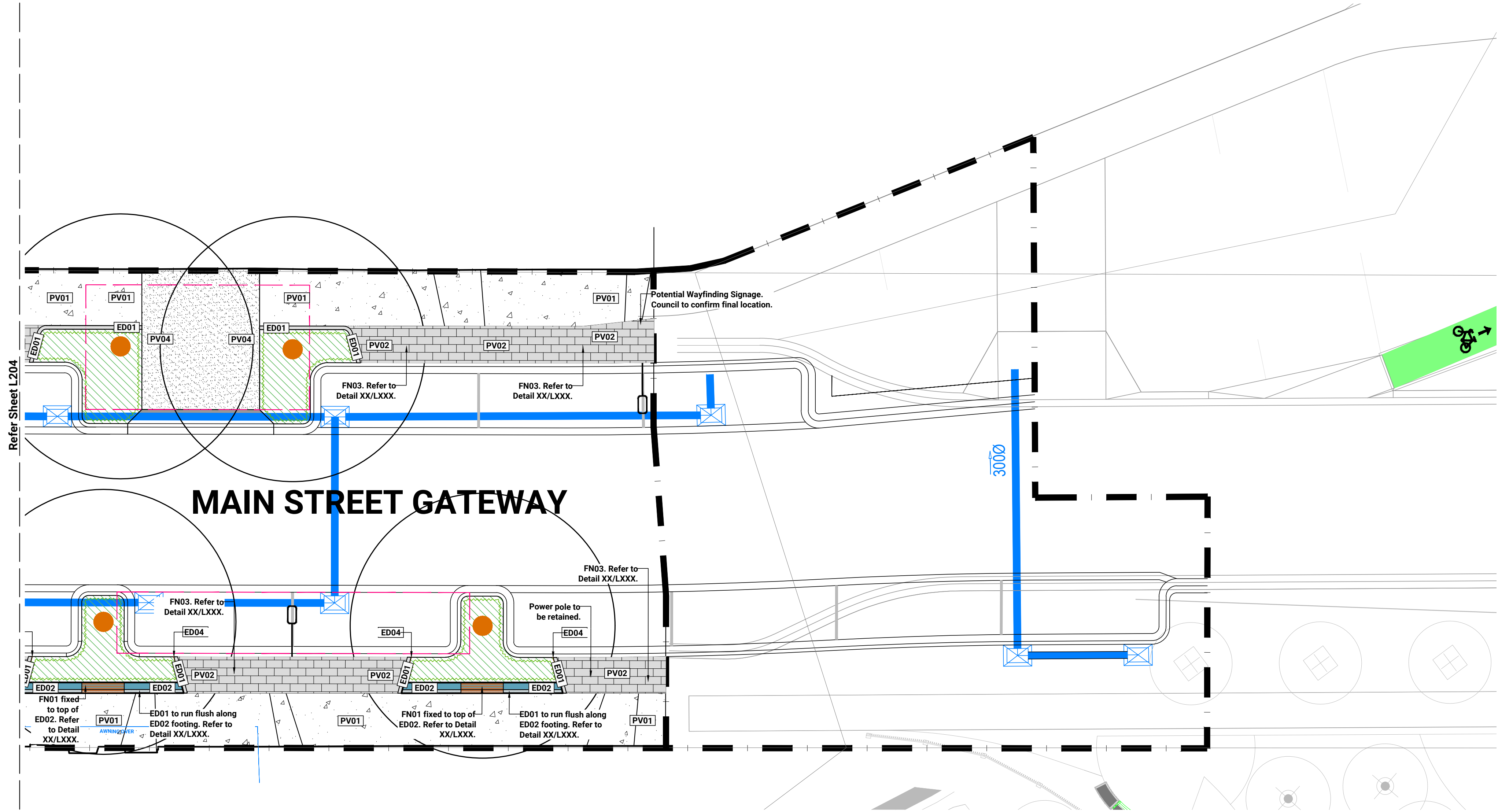
MAIN STREET GATEWAY
SURFACES
CARDINIA SHIRE COUNCIL
REV 1
17.01.24
L204



SCALE 1:100 @ A1 & 1:200 @ A3

mesh

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DRAWING KEY

- EXTENT OF WORKS.
- PV01. PAVING TYPE 01. REFER DETAIL XX/L7XX. JOINT PATTERN FOR EXPANSION AND ISOLATION JOINTS. REFER ENGINEERS.
- PV02. PAVING TYPE 02. REFER DETAIL XX/L7XX.
- PV03. PAVING TYPE 03. REFER DETAIL XX/L7XX.
- PV04. PAVING TYPE 04. REFER DETAIL XX/L7XX.
- PV05. PAVING TYPE 05. REFER DETAIL XX/L7XX.
- ED01. EDGE TYPE 01 - 150MM WIDE EDGE. REFER DETAIL XX/L7XX.
- ED02. EDGE TYPE 02 - SEAT WALL WITH FN01 FIXED. REFER DETAIL XX/L7XX.
- ED03. EDGE TYPE 03 - SEAT WALL (OUTDOOR DINING AREAS). REFER DETAIL XX/L7XX.
- ED04. EDGE TYPE 04 - STEEL EDGE. REFER DETAIL XX/L7XX.
- GARDEN BED. REFER DETAIL XX/L7XX. REFER PLANTING PLAN L400 SERIES.
- FN01 - BENCH SEAT. REFER FURNITURE SCHEDULE L001.
- FN02 - DDA BOLLARDS. REFER FURNITURE SCHEDULE L001.
- FN03 - BOLLARDS. REFER FURNITURE SCHEDULE L001.
- FN04 - BIN ENCLOSURE. REFER FURNITURE SCHEDULE L001.
- FN05 - BIKE RACKS. REFER FURNITURE SCHEDULE L001.
- FN06 - DRINKING FOUNTAIN. REFER FURNITURE SCHEDULE L001.
- FX01 - TGS's. REFER FURNITURE SCHEDULE L001.
- FX02 - DIRECTIONAL TACTILES. REFER FURNITURE SCHEDULE L001.
- TELSTRA BOX.
- YAKKABOO SCULPTURE.
- MAILBOX.
- PROPOSED TREES. REFER PLANTING L400 PLANS.
- STRATAVAULT TREE PITS. REFER DETAIL XX/L7XX. REFER ENGINEERS.

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1	75% ISSUE	N.J	22.05.24
-	50% ISSUE	N.J	31.01.24
Rev	Description	App	Date

PAKENHAM MAIN STREET

MAIN STREET GATEWAY
SURFACES
CARDINIA SHIRE COUNCIL

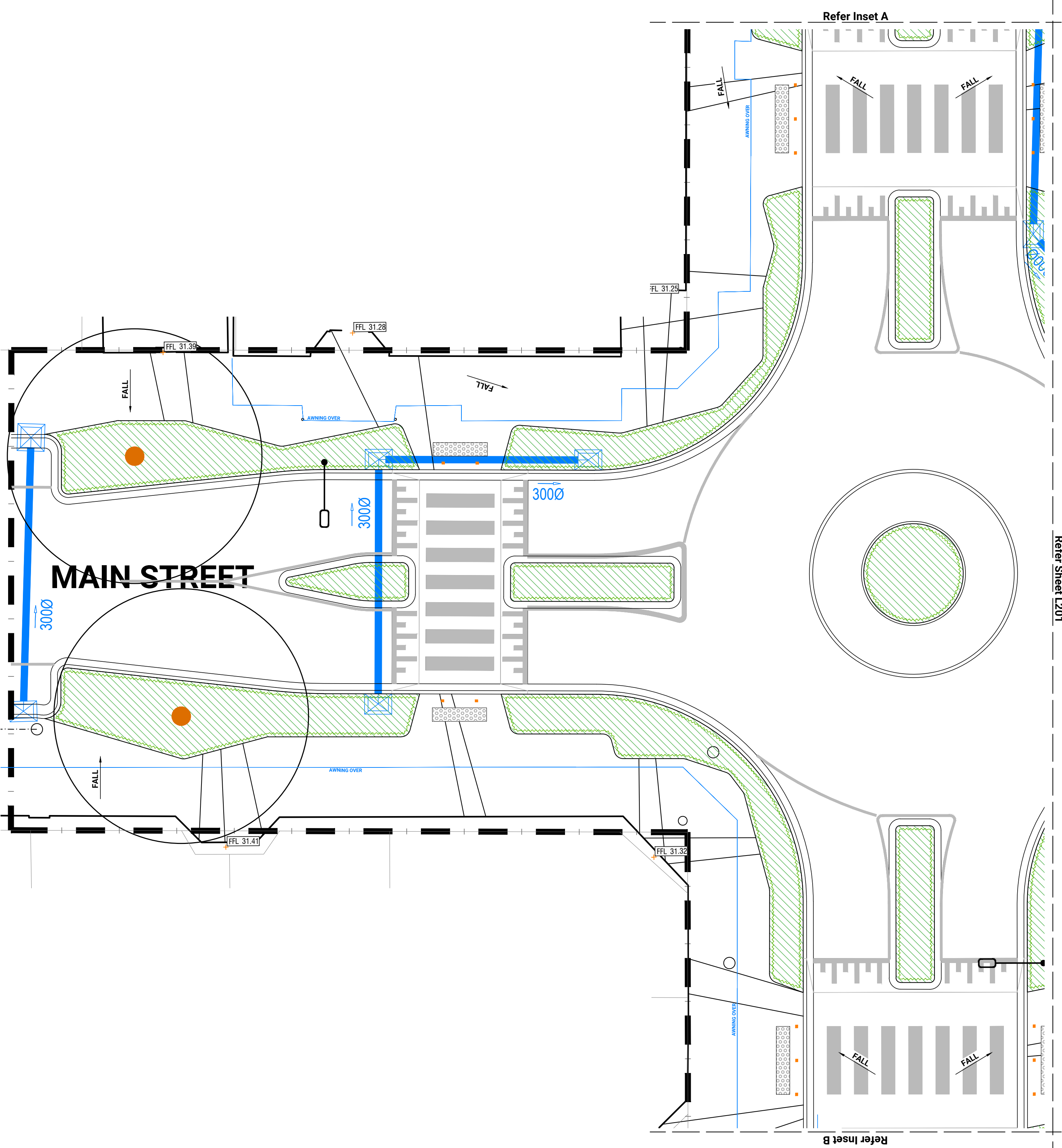
REV 1
17.01.24
L205

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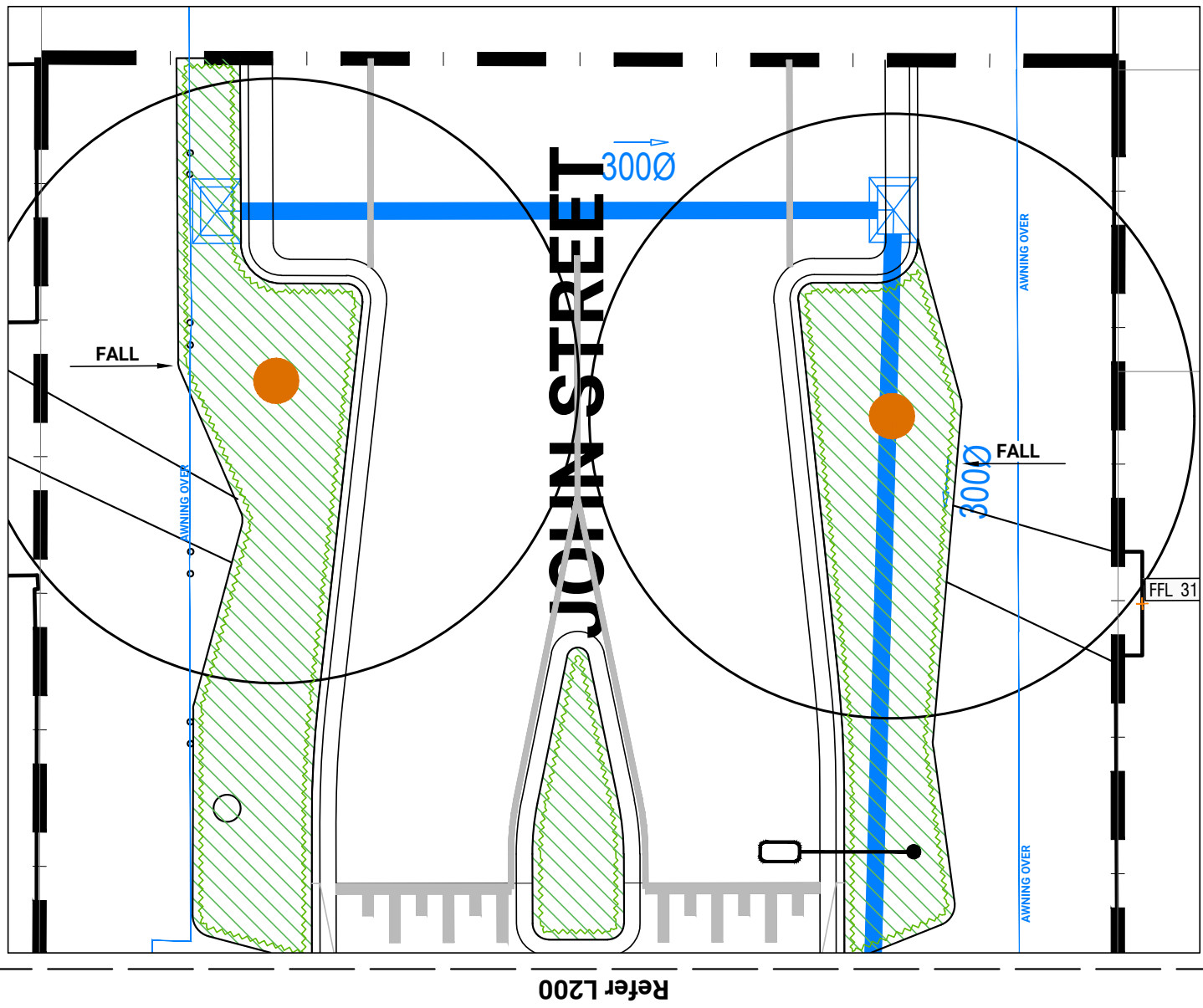
SCALE 1:100 @ A1 & 1:200 @ A3

mesh

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South Melbourne, 3205
9070 1166
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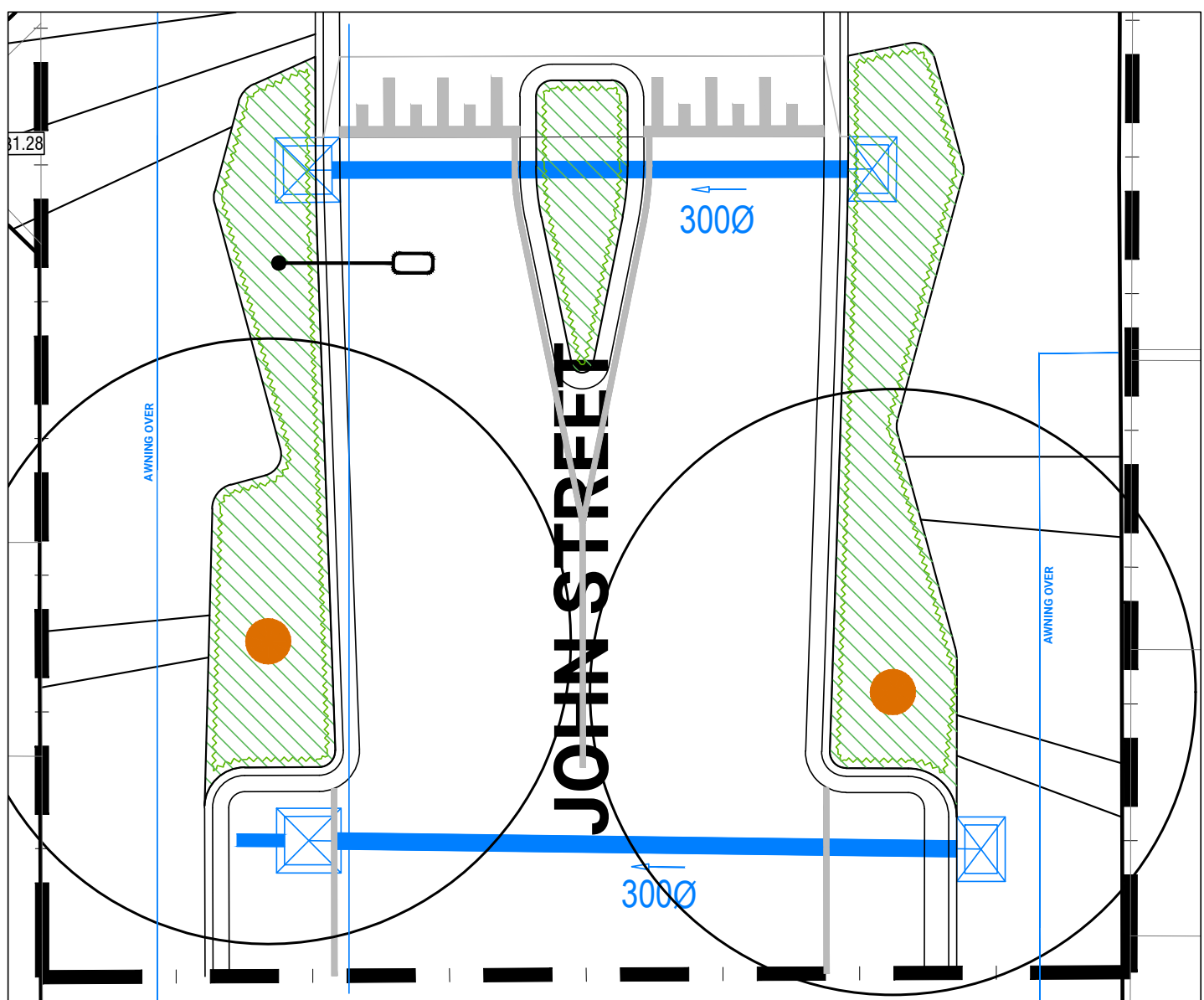


INSET A



Refer Sheet L201

Refer L200



INSET B

DRAWING KEY

- EXTENT OF WORKS
- EXISTING LEVEL
- PROPOSED LEVEL
- TOP OF WALL/
BOTTOM OF WALL
- FINISHED FLOOR
LEVEL
- SLOPE

PRELIMINARY

1	75% ISSUE	N.J	22.05.24
-	50% ISSUE	N.J	31.01.24
Rev	Description	App	Date

PAKENHAM MAIN STREET

MAIN STREET CENTRAL
GRADING
CARDINIA SHIRE COUNCIL

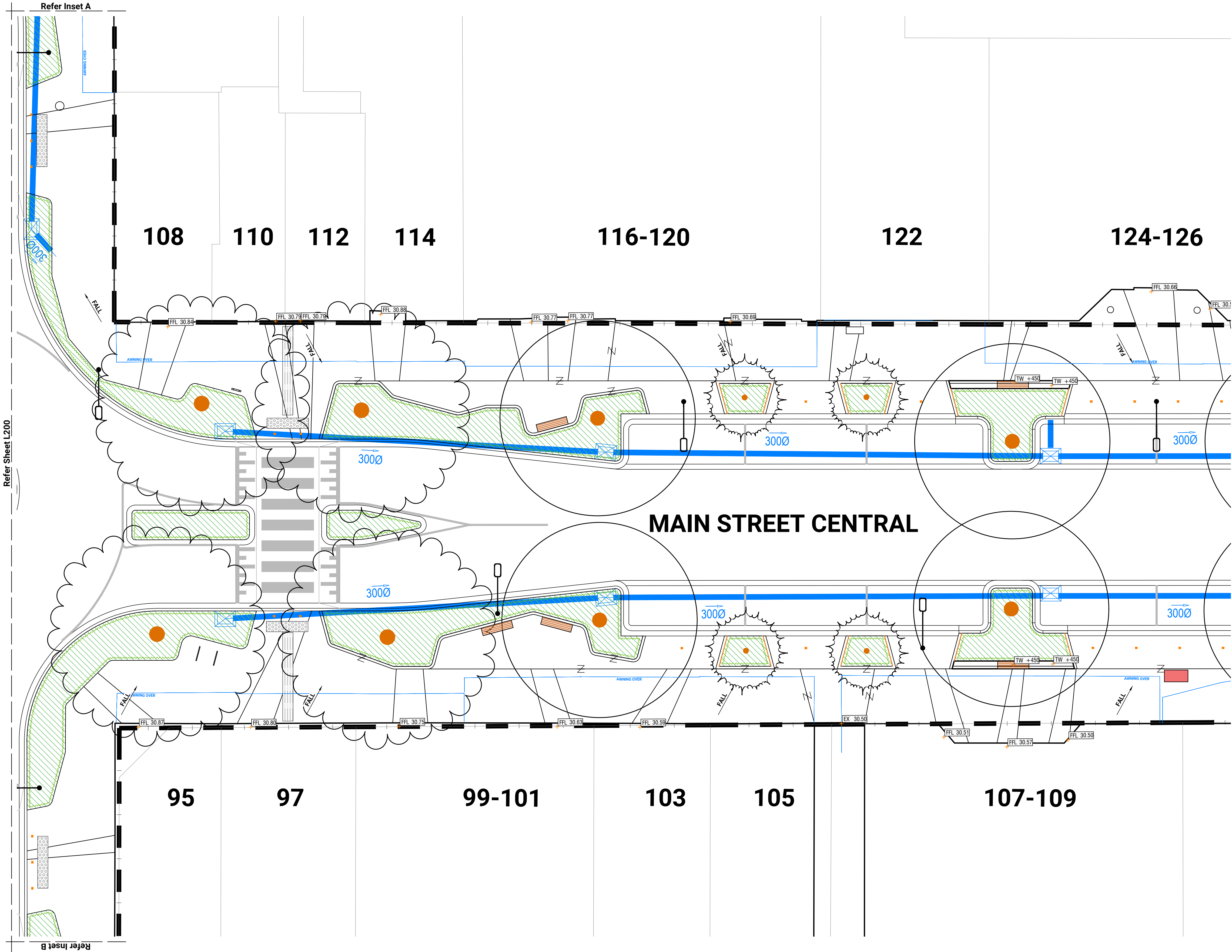
17.01.24
L300

0 2 4 10

SCALE 1:100 @ A1 & 1:200 @ A3

mesh

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South Melbourne, 3205
9070 1166
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DRAWING KEY

■	EXTENT OF WORKS
EX xx.xx	EXISTING LEVEL
RL 00.0	PROPOSED LEVEL
TW xxx.xxx BW xxx.xxx	TOP OF WALL/ BOTTOM OF WALL
FFL 00.0	FINISHED FLOOR LEVEL
FALL →	SLOPE

PRELIMINARY

1	75% ISSUE	N.J	22.05.24
-	50% ISSUE	N.J	31.01.24
Rev	Description	App	Date

PAKENHAM MAIN STREET

MAIN STREET CENTRAL
GRADING
CARDINIA SHIRE COUNCIL

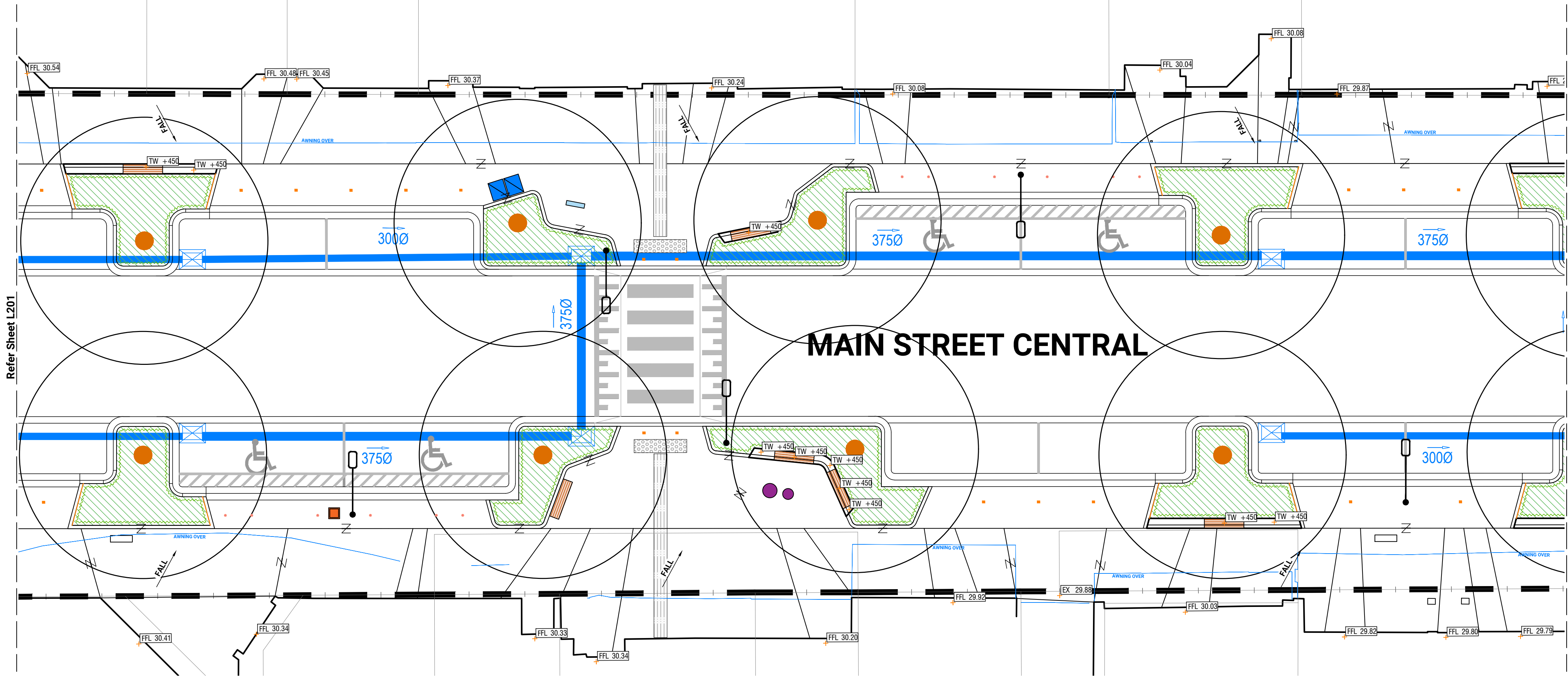
17.01.24
L301



SCALE 1:100 @ A1 & 1:200 @ A3

mesh

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DRAWING KEY

■	EXTENT OF WORKS
EX xx.xx	EXISTING LEVEL
RL 00.0	PROPOSED LEVEL
TW xxx.xxx BW xxx.xxx	TOP OF WALL/ BOTTOM OF WALL
FFL 00.0	FINISHED FLOOR LEVEL
FALL →	SLOPE

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1	75% ISSUE	N.J	22.05.24
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Rev	Description	App	Date

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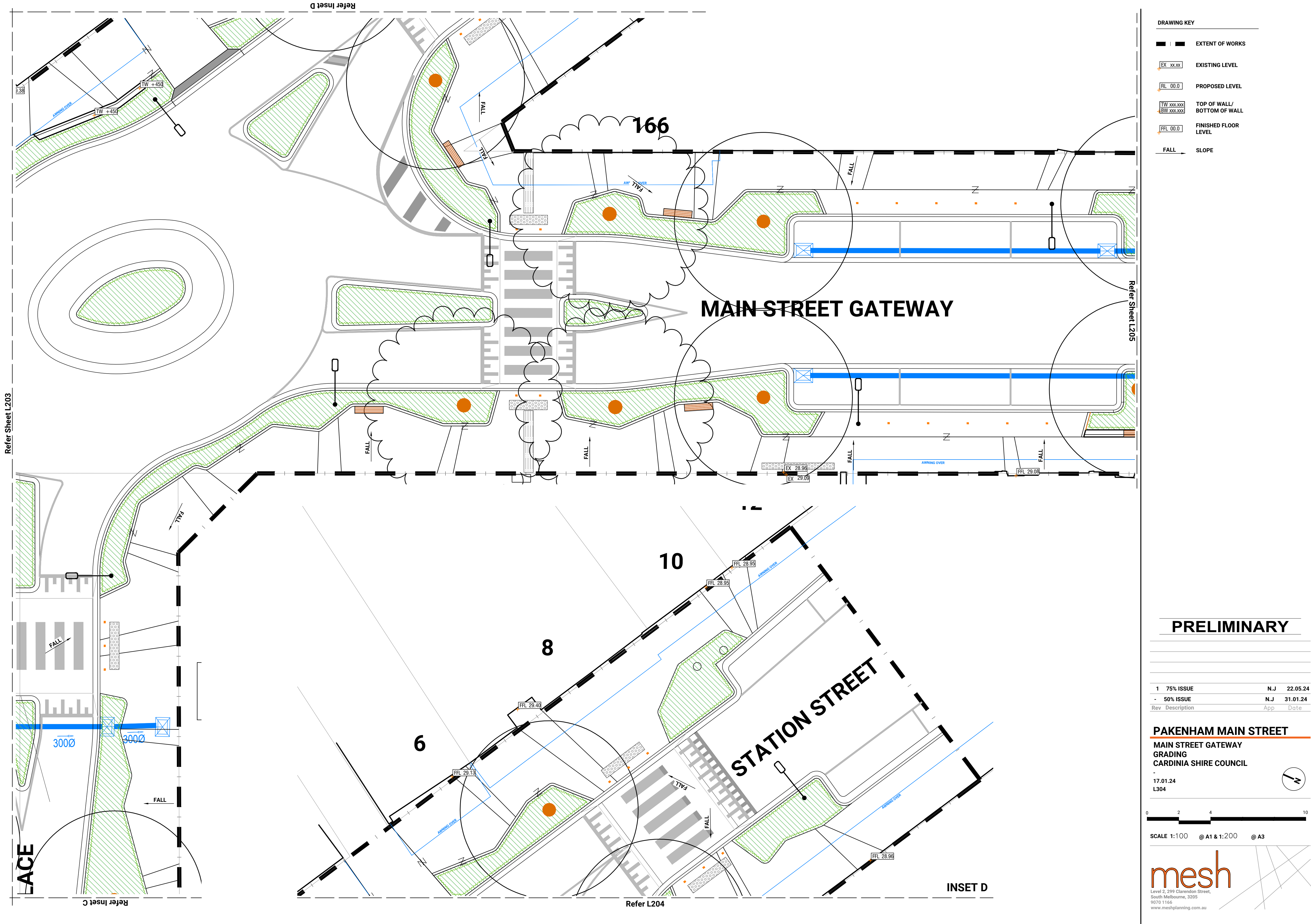
MAIN STREET CENTRAL
GRADING
CARDINIA SHIRE COUNCIL

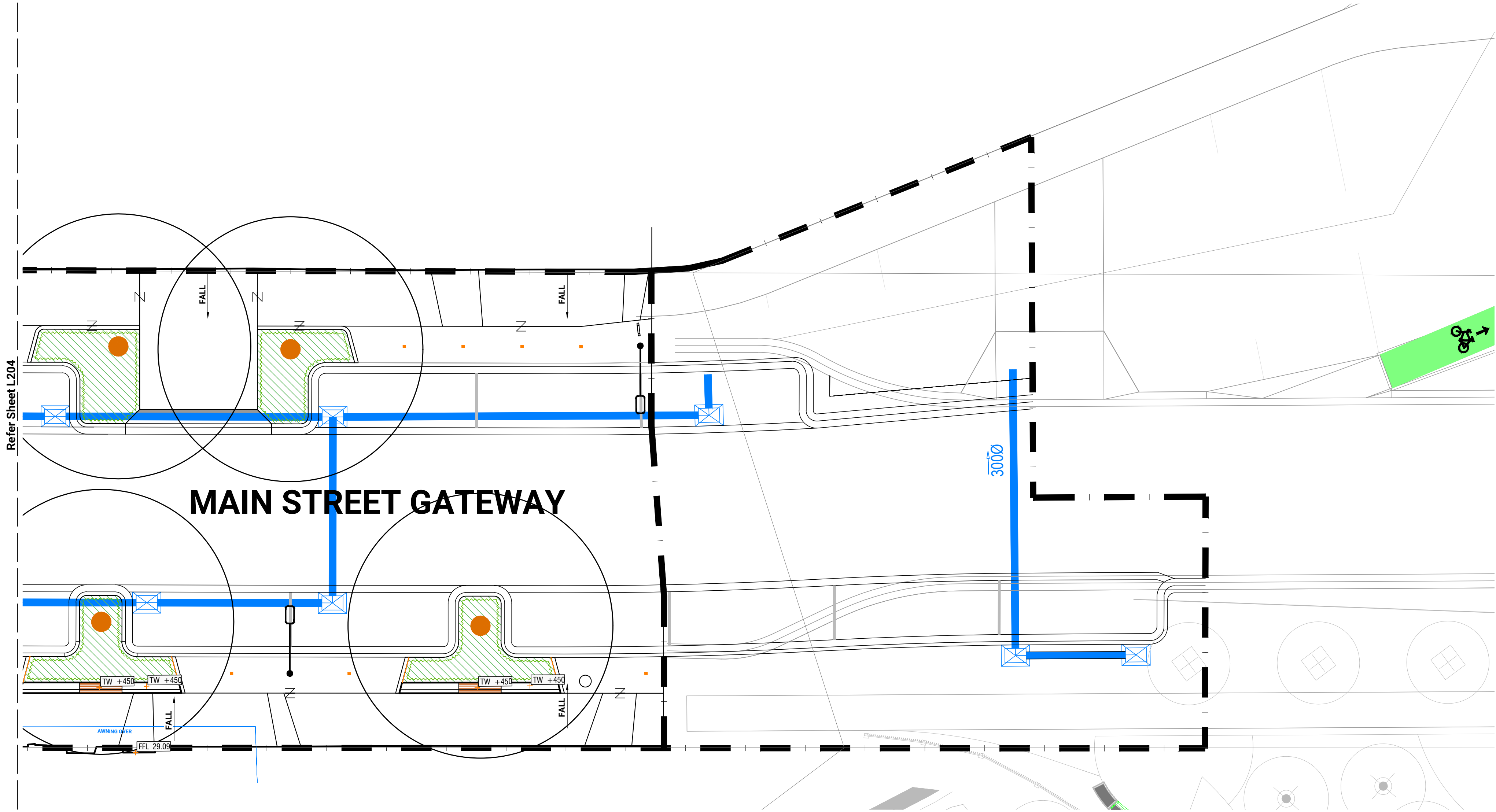
17.01.24
L302



SCALE 1:100 @ A1 & 1:200 @ A3







DRAWING KEY

	EXTENT OF WORKS
	EXISTING LEVEL
	PROPOSED LEVEL
	TOP OF WALL/ BOTTOM OF WALL
	FINISHED FLOOR LEVEL
	SLOPE

PRELIMINARY

1	75% ISSUE	N.J	22.05.24
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Rev	Description	App	Date

PAKENHAM MAIN STREET

MAIN STREET GATEWAY
GRADING
CARDINIA SHIRE COUNCIL

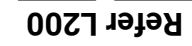
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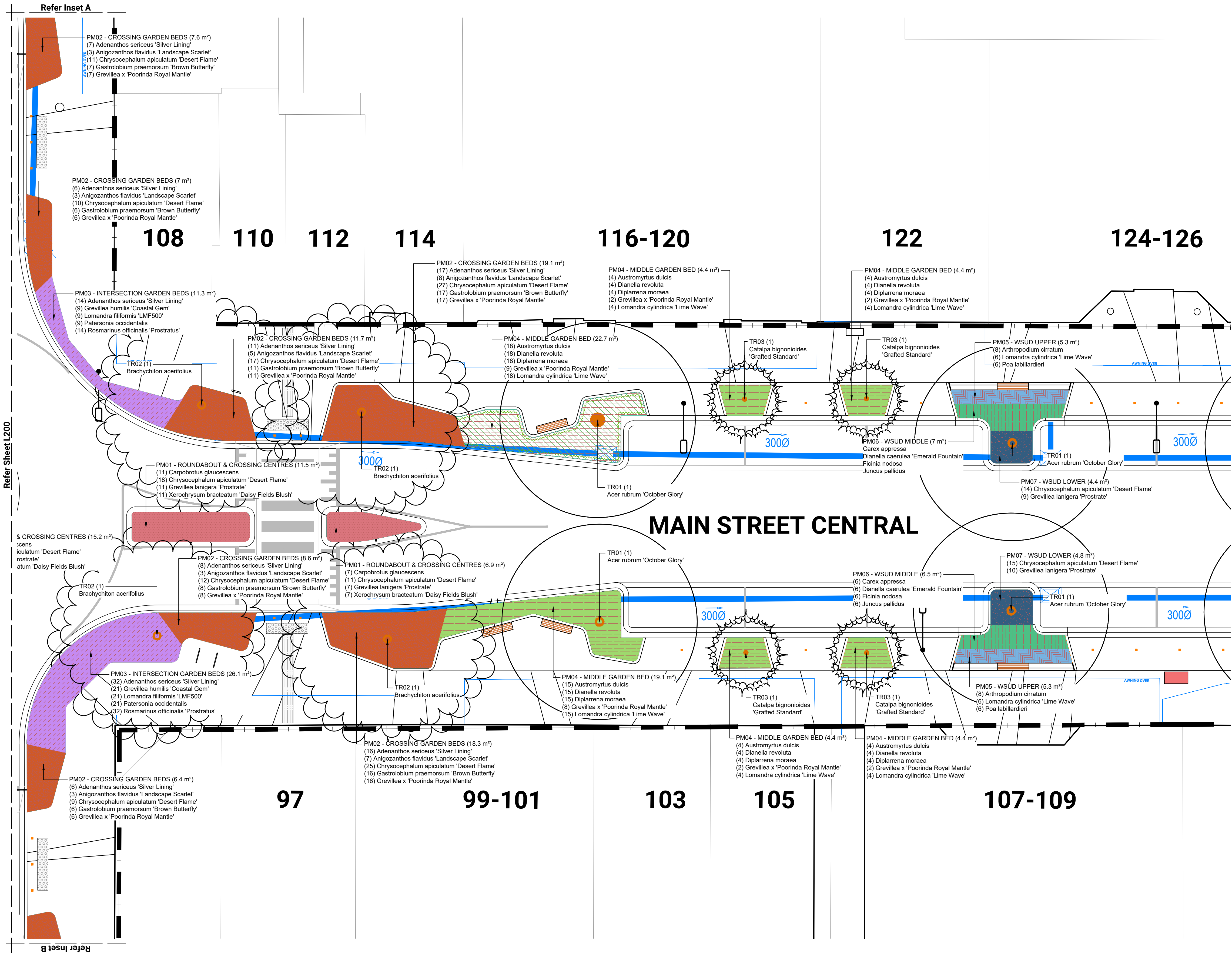
SCALE 1:100 @ A1 & 1:200 @ A3

mesh

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Rev	Description	App	Date

PAKENHAM MAIN STREET

MAIN STREET CENTRAL
PLANTING
CARDINIA SHIRE COUNCIL

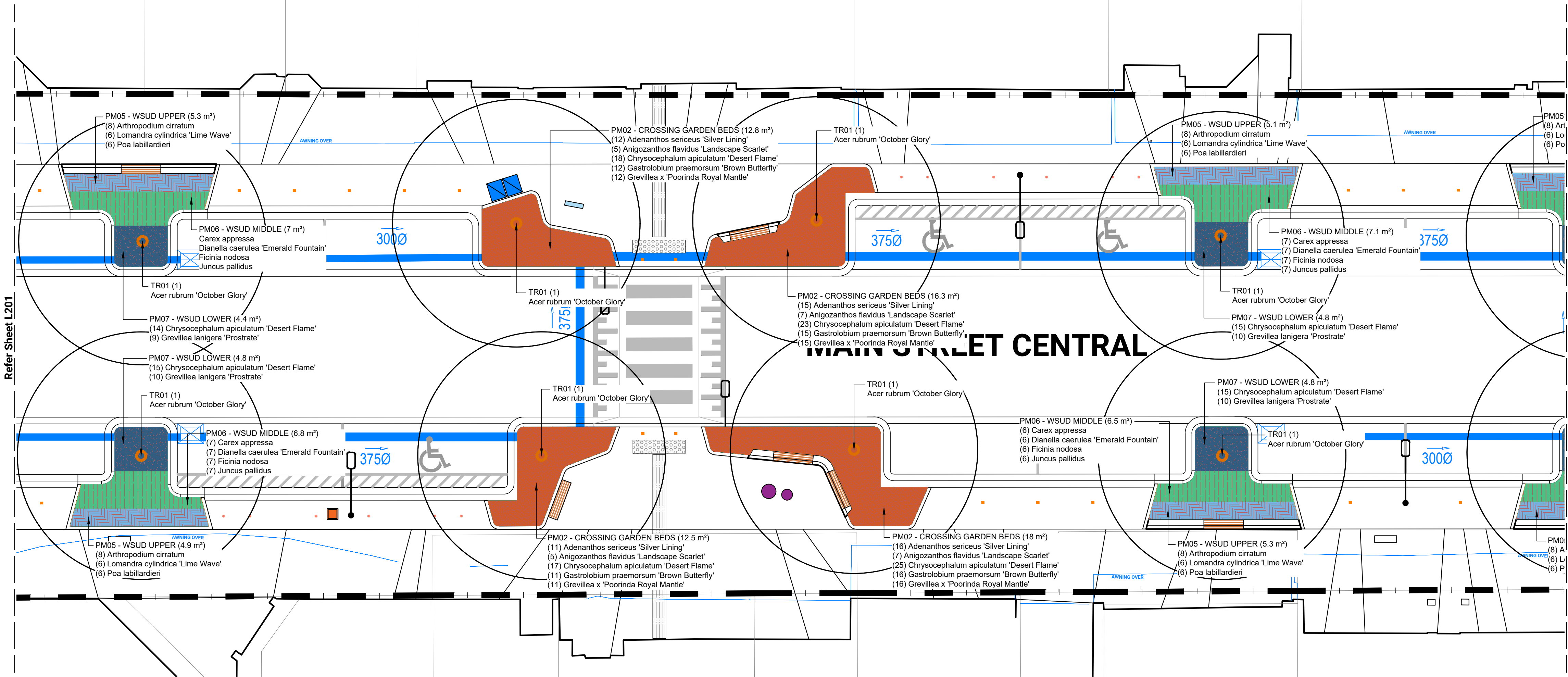
REV 1
17.01.24
L401



SCALE 1:100 @ A1 & 1:200 @ A3

mesh

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-	50% ISSUE	N.J	31.01.24
Rev	Description	App	Date

PAKENHAM MAIN STREET

MAIN STREET CENTRAL
PLANTING
CARDINIA SHIRE COUNCIL

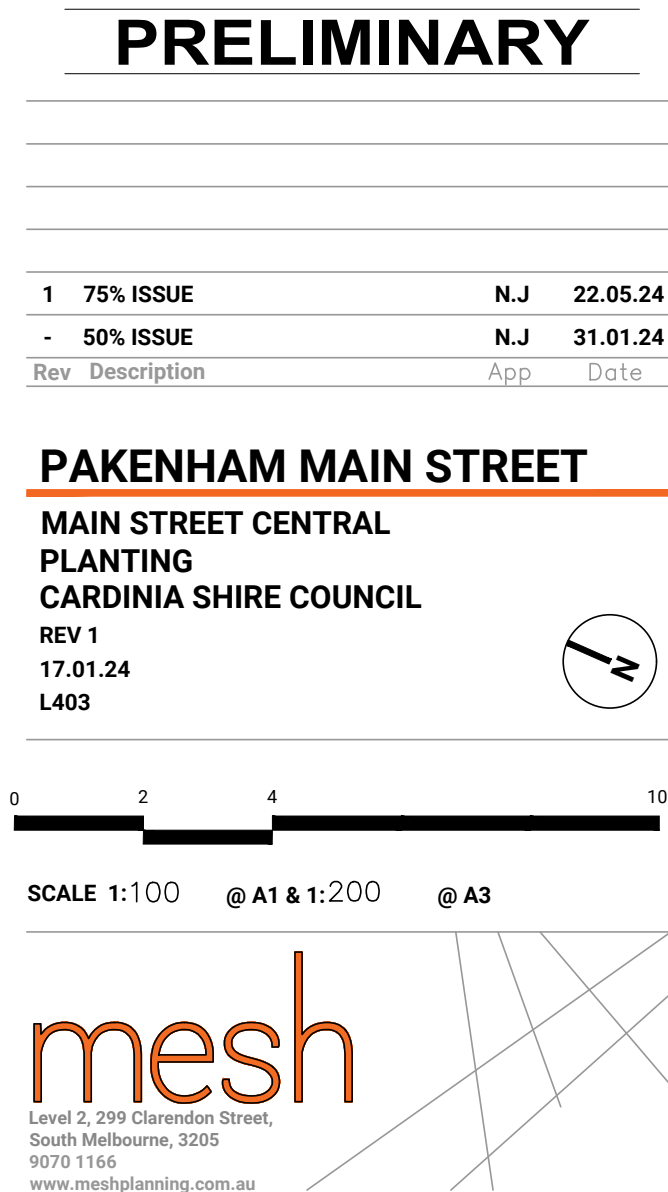
REV 1
17.01.24
L402

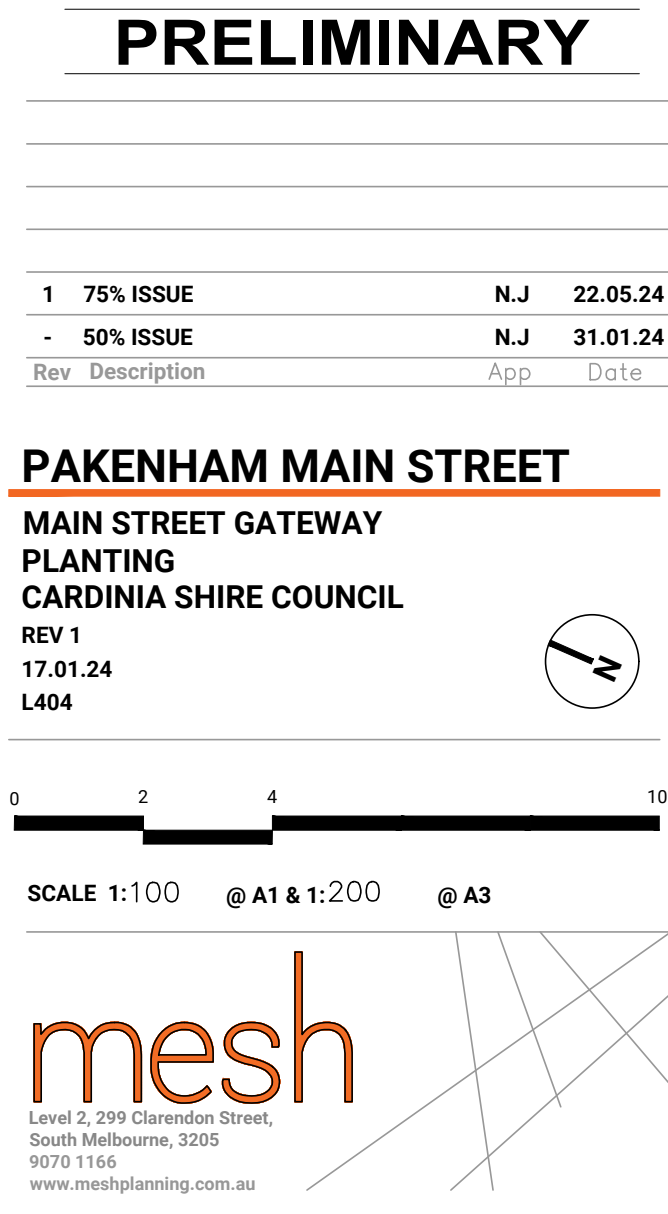
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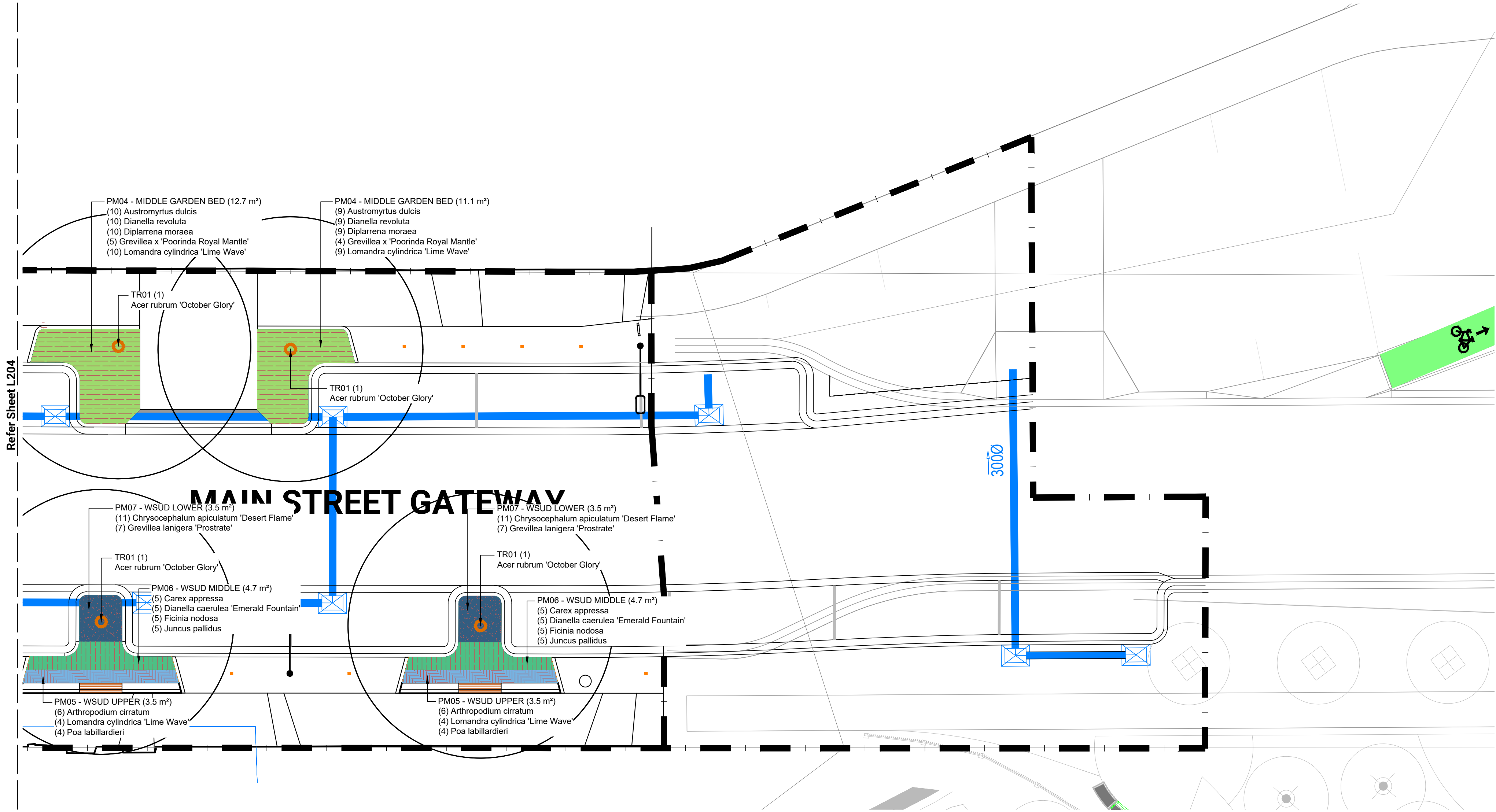
SCALE 1:100 @ A1 & 1:200 @ A3

mesh

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PAKENHAM MAIN STREET

MAIN STREET GATEWAY
PLANTING
CARDINIA SHIRE COUNCIL

REV 1
17.01.24
L405

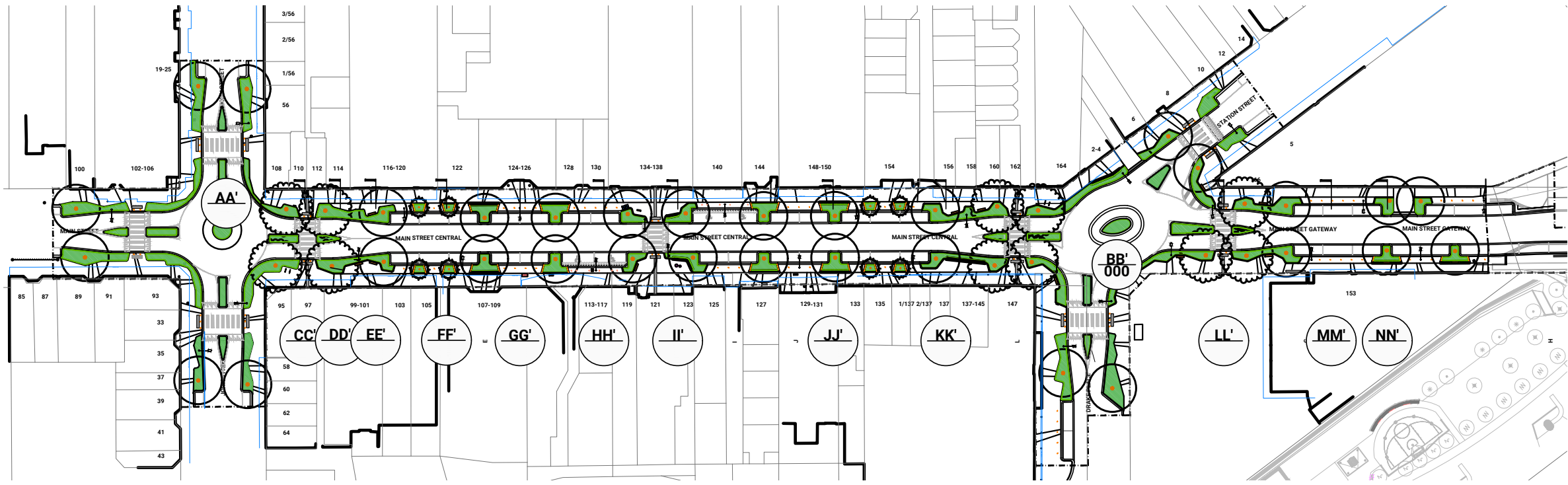


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SCALE 1:100 @ A1 & 1:200 @ A3

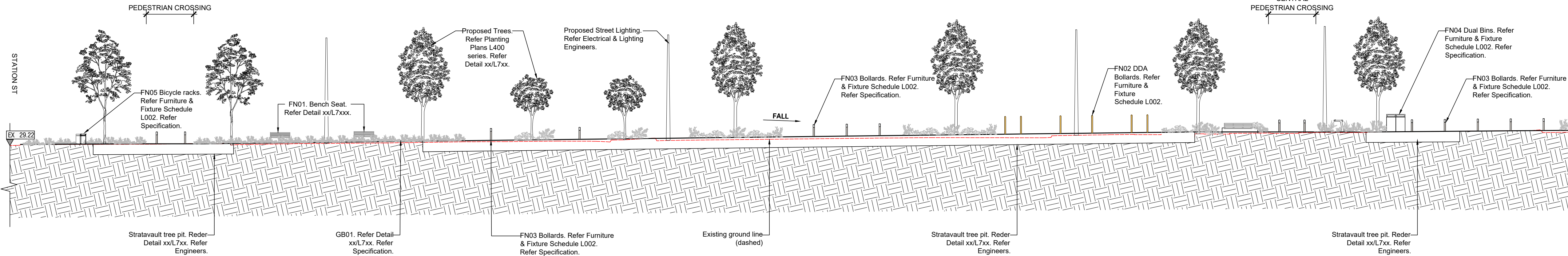
mesh

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South Melbourne, 3205
9070 1166
www.meshplanning.com.au

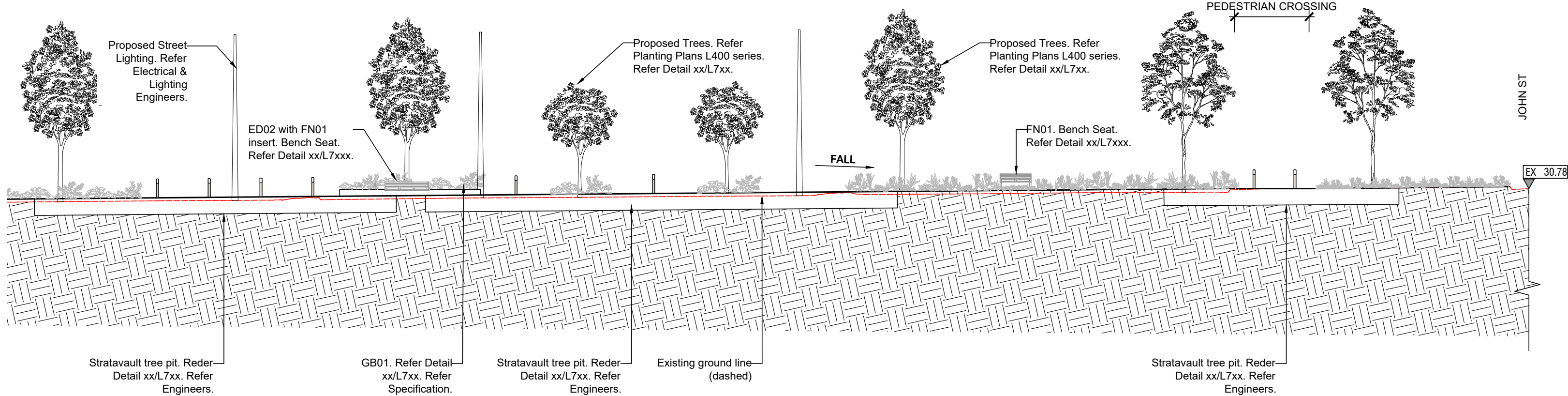


KEY PLAN
Plan

Scale 1:1000

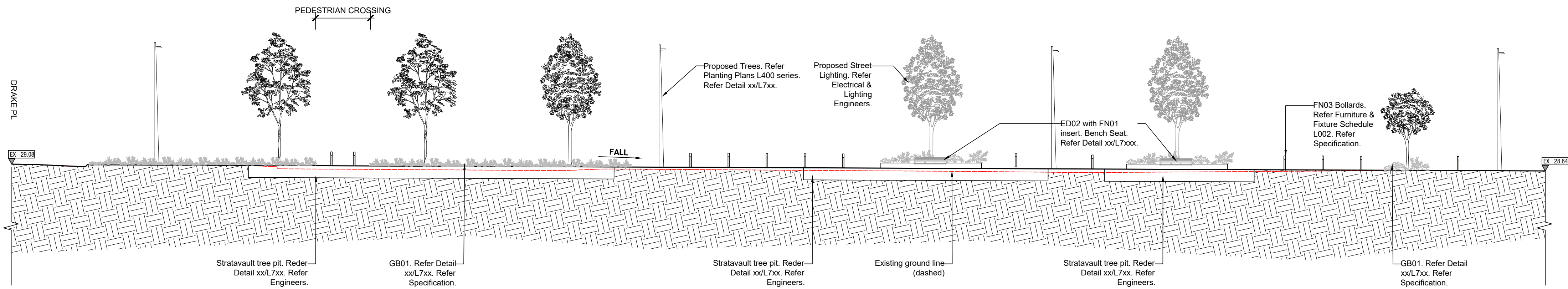


01 | MAIN STREET CENTRAL AA'
Section



SECTION AA' (CONT'D)

1:250



02 | MAIN STREET GATEWAY BB'
Section

Scale 1:20

PRELIMINARY

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Rev	Description	App	Date

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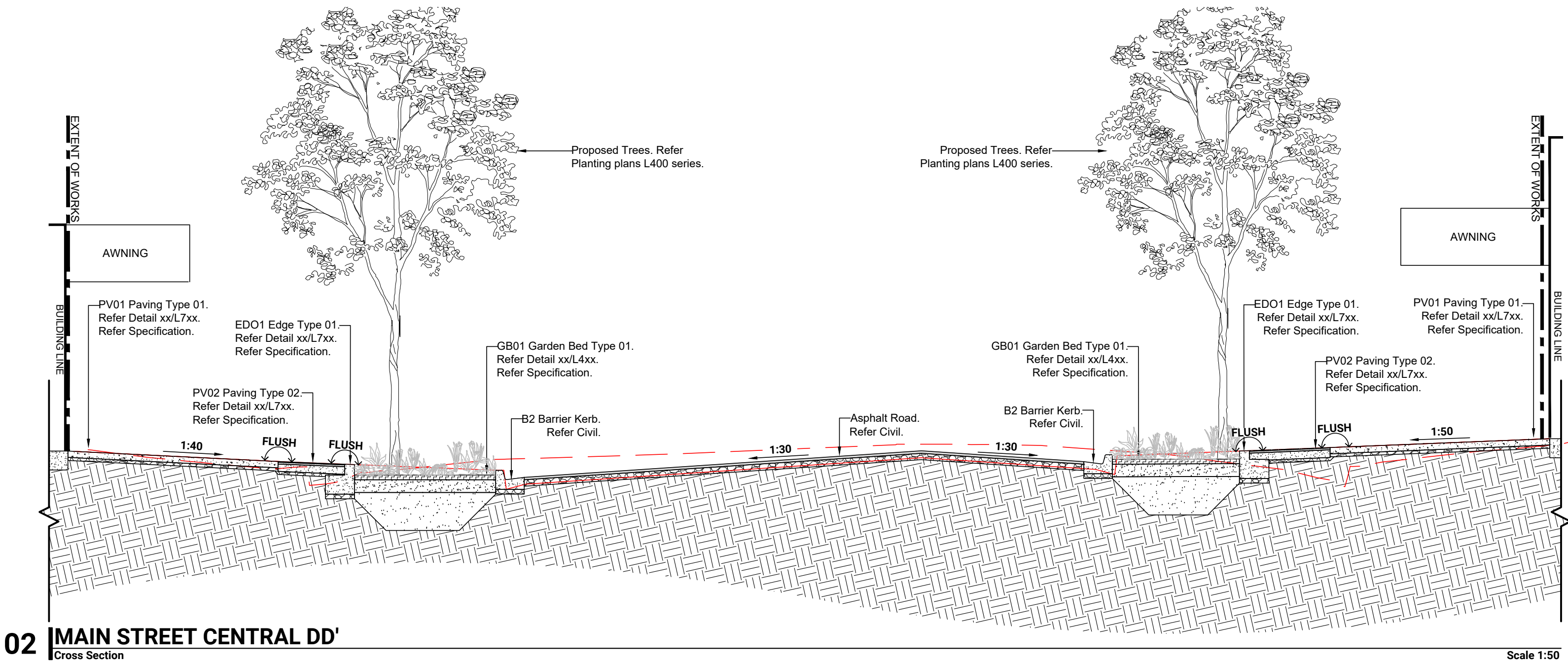
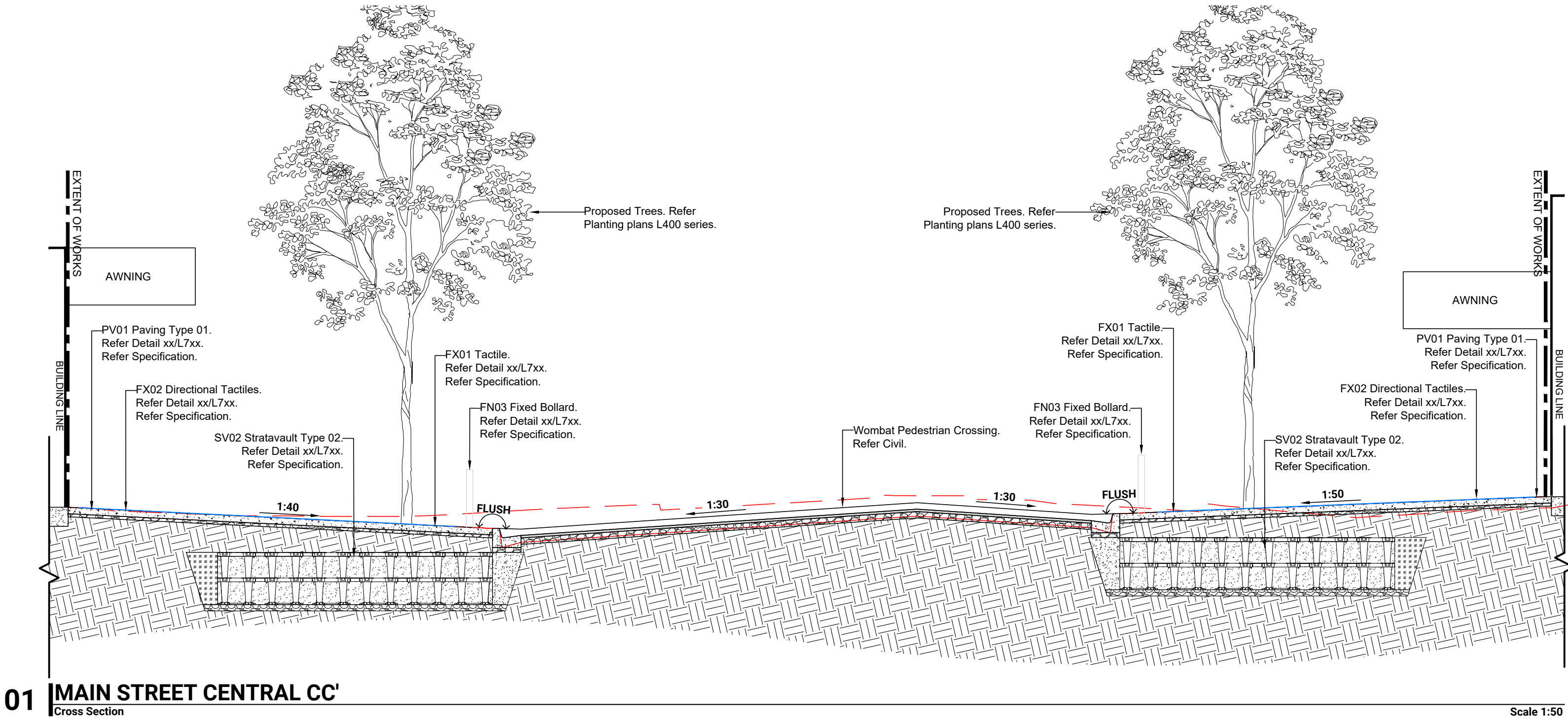
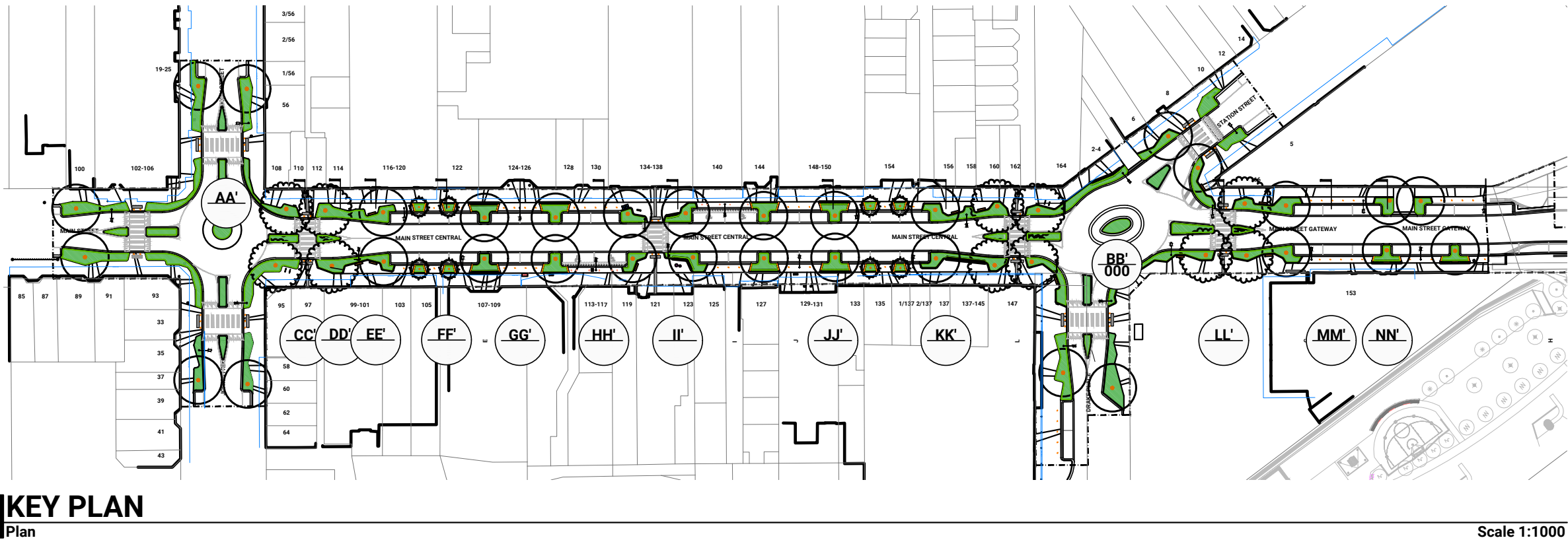
SECTIONS
CARDINIA SHIRE COUNCIL

17.01.24
L600

DESIGNED: MESH DRAWN: PT CHECKED: NJ

SCALE
AS SHOWN





PRELIMINARY

Rev	Description	App	Date
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-	50% ISSUE	N.J	31.01.24

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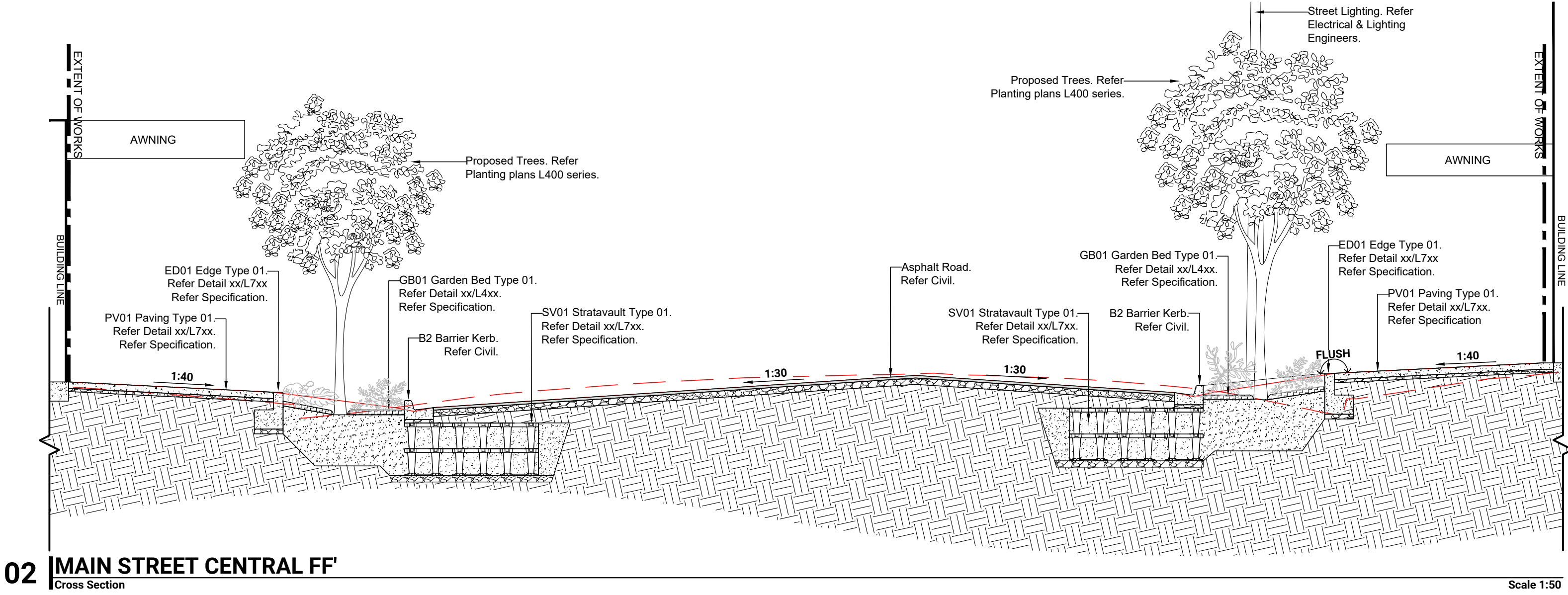
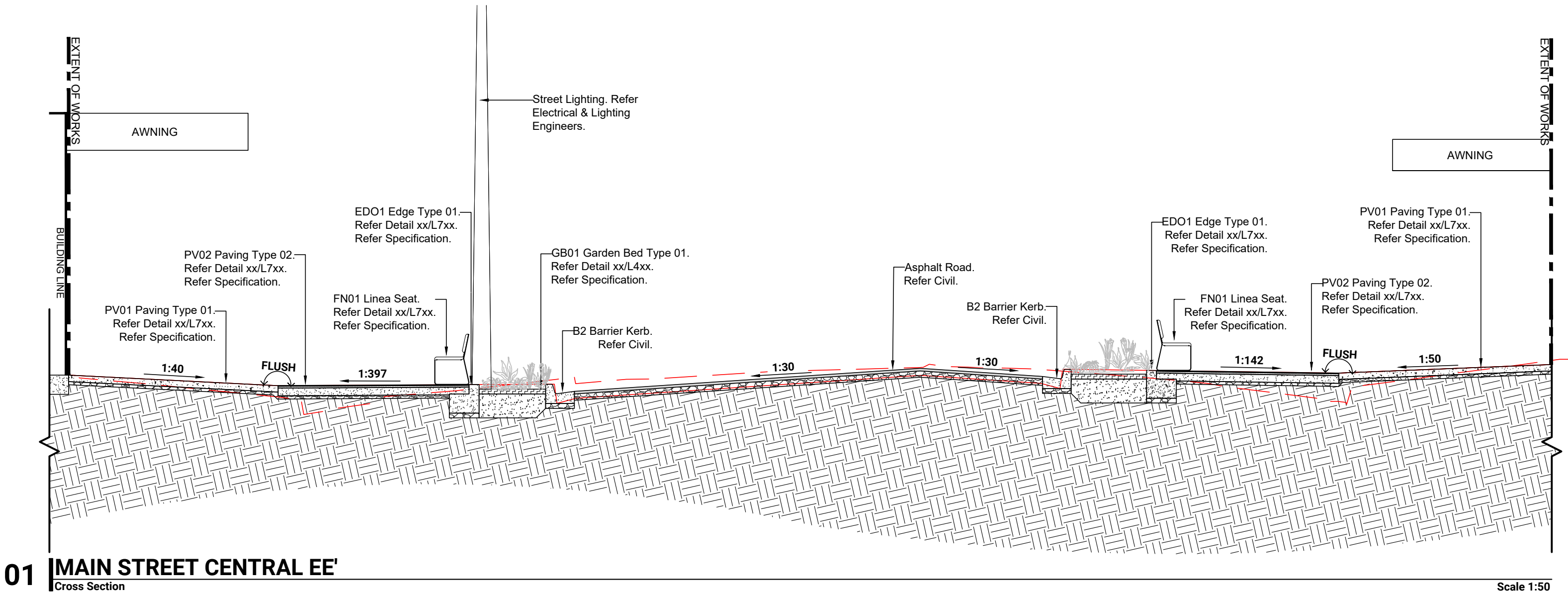
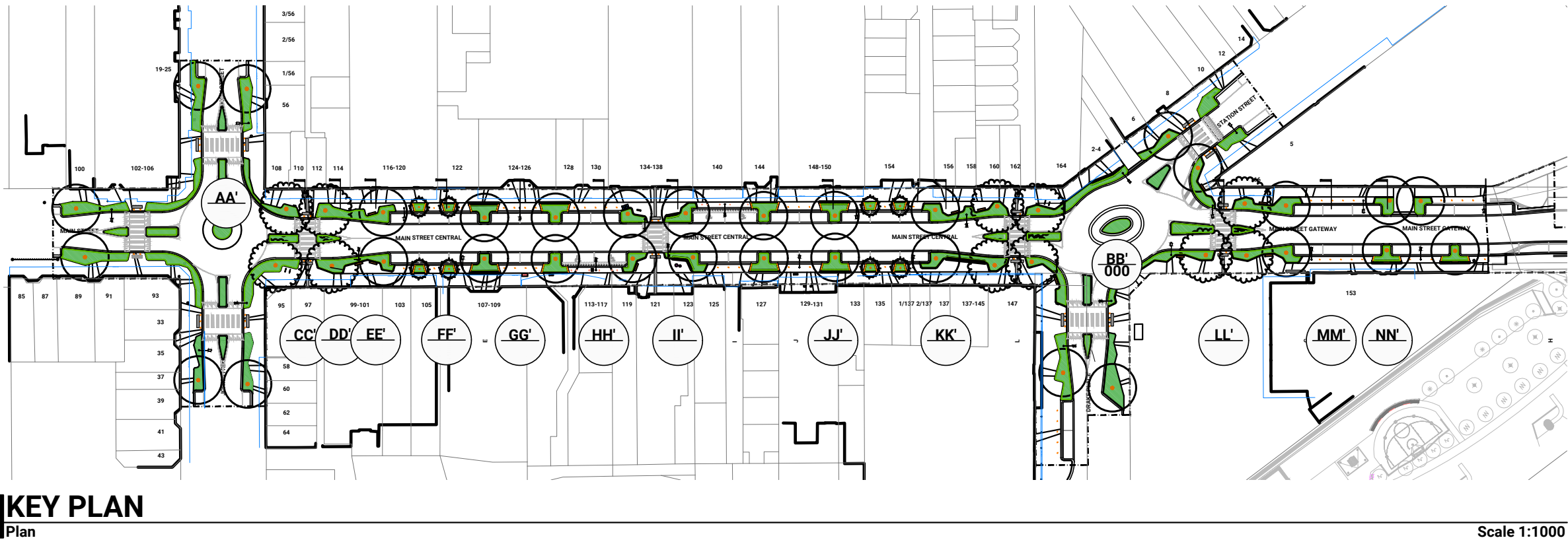
SECTIONS
CARDINIA SHIRE COUNCIL

17.01.24
L601

DESIGNED: MESH DRAWN: PT CHECKED: NJ

SCALE AS SHOWN

mesh
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Rev	Description	App	Date

PAKENHAM MAIN STREET

SECTIONS
CARDINIA SHIRE COUNCIL

17.01.24
L602

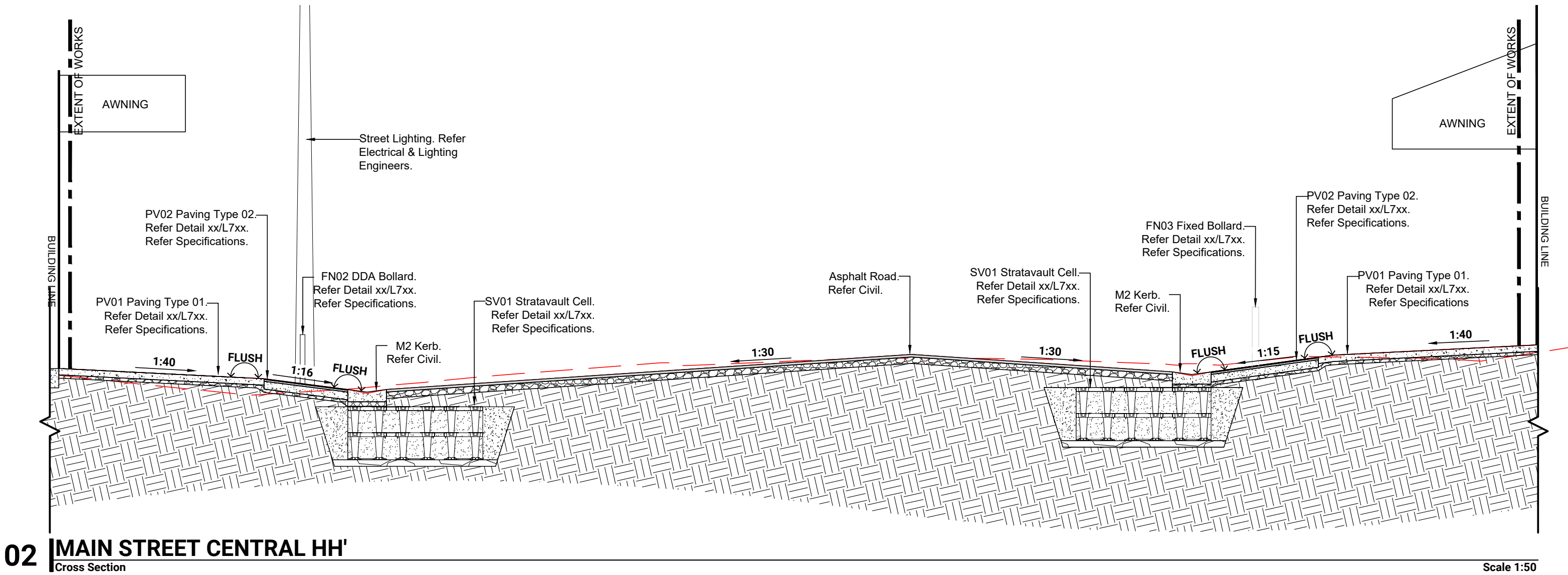
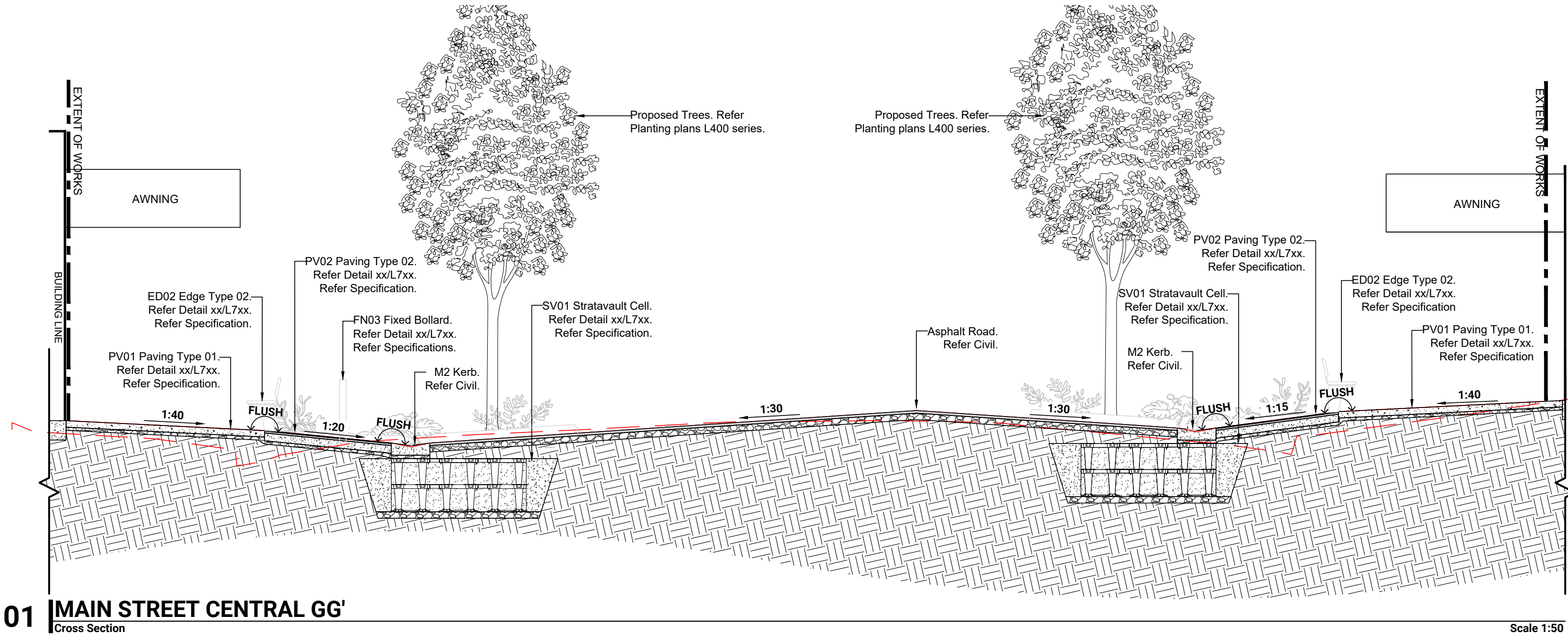
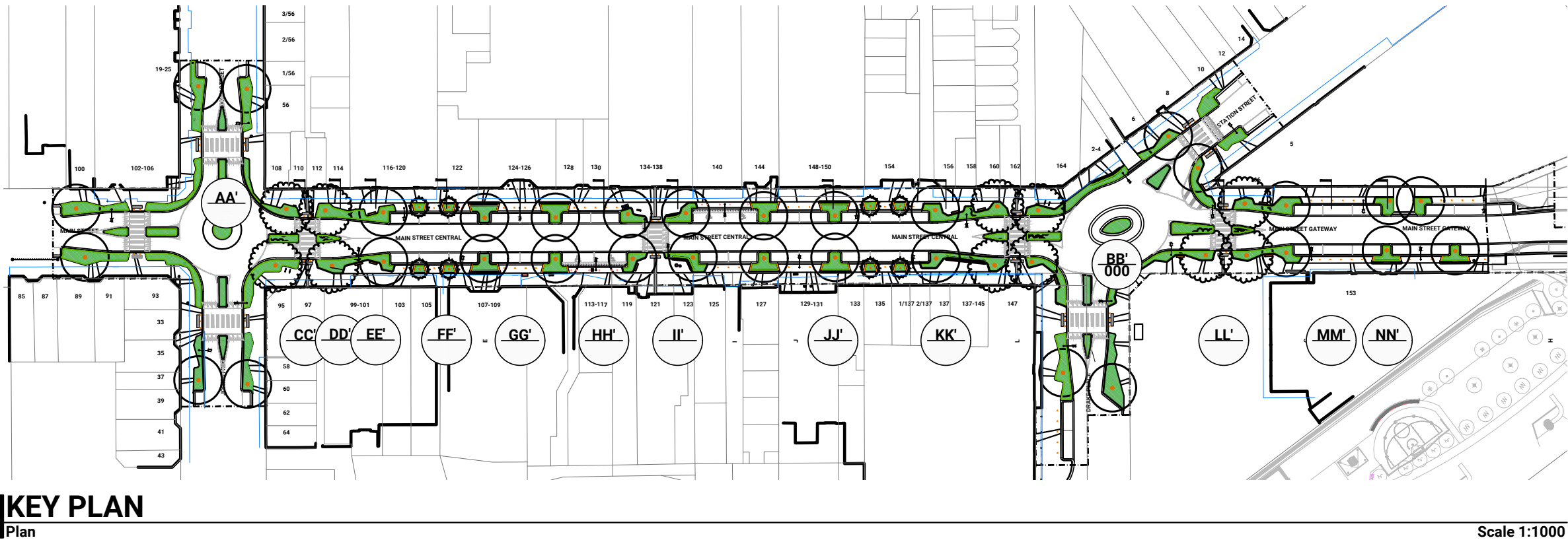
DESIGNED: MESH DRAWN: PT CHECKED: NJ

SCALE

AS SHOWN

mesh

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PRELIMINARY

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-	50% ISSUE	N.J	31.01.24
Rev	Description	App	Date

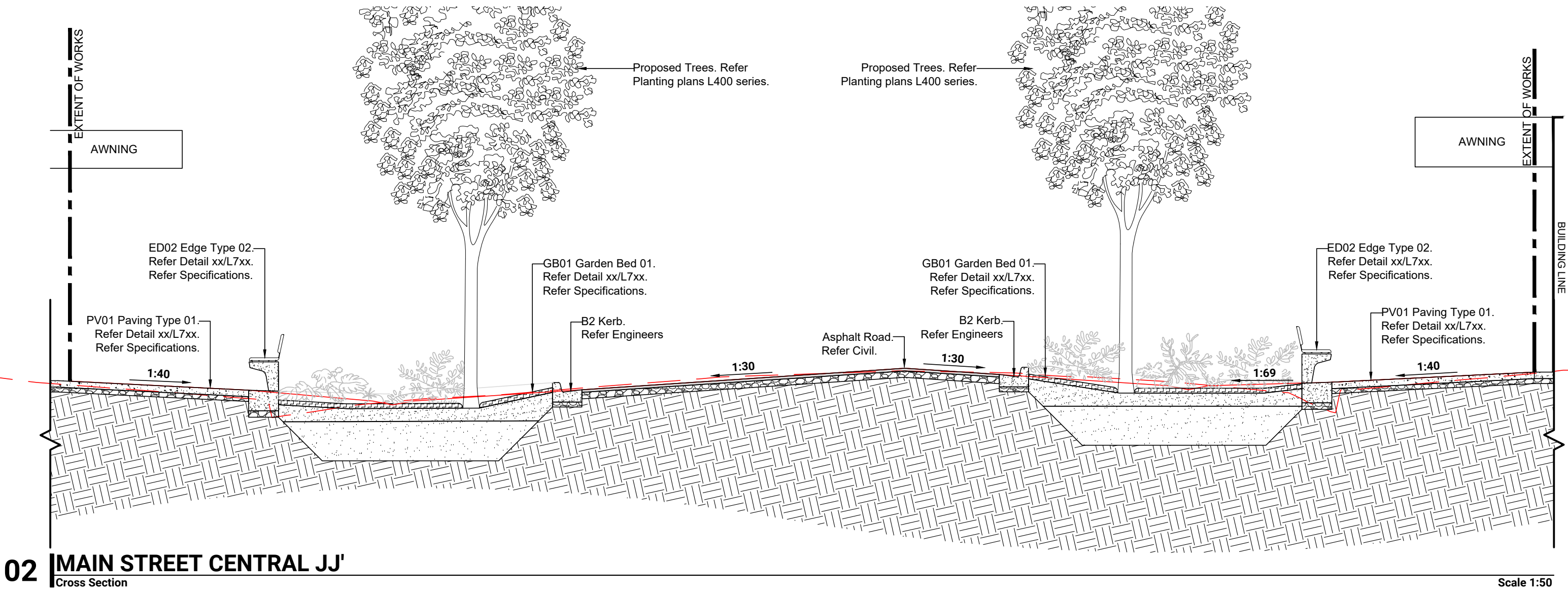
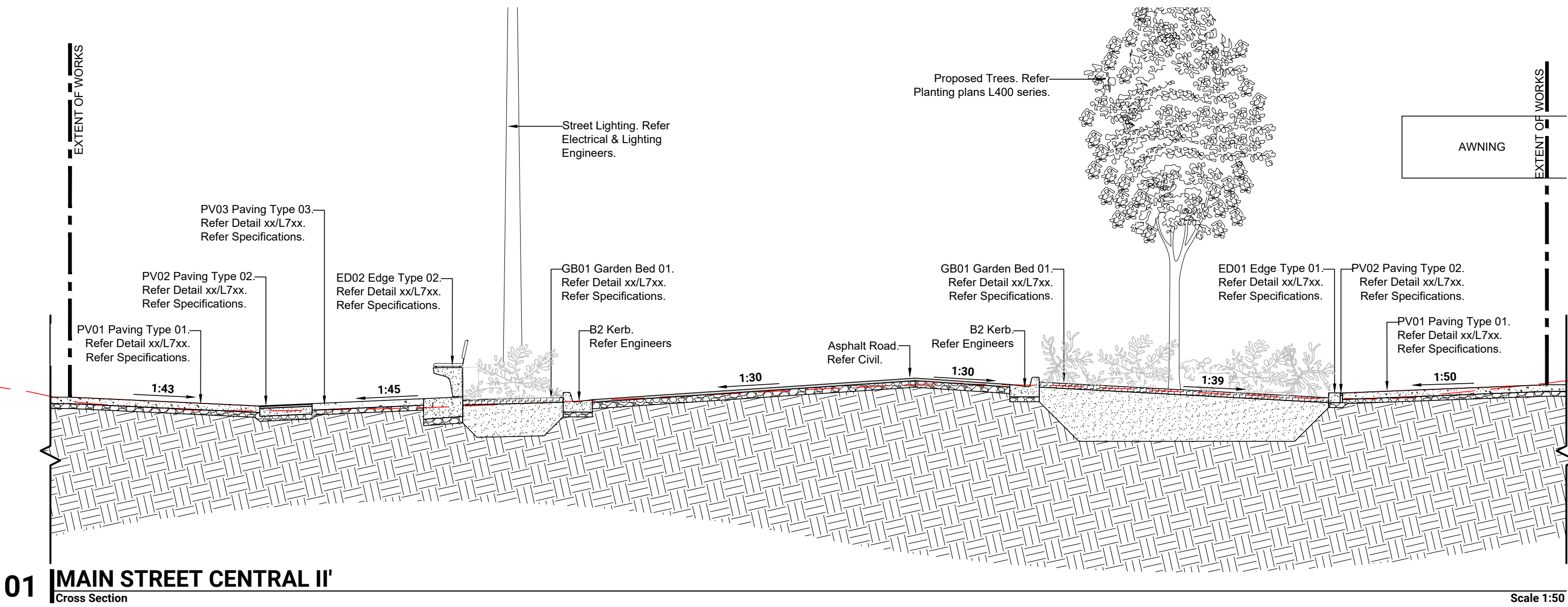
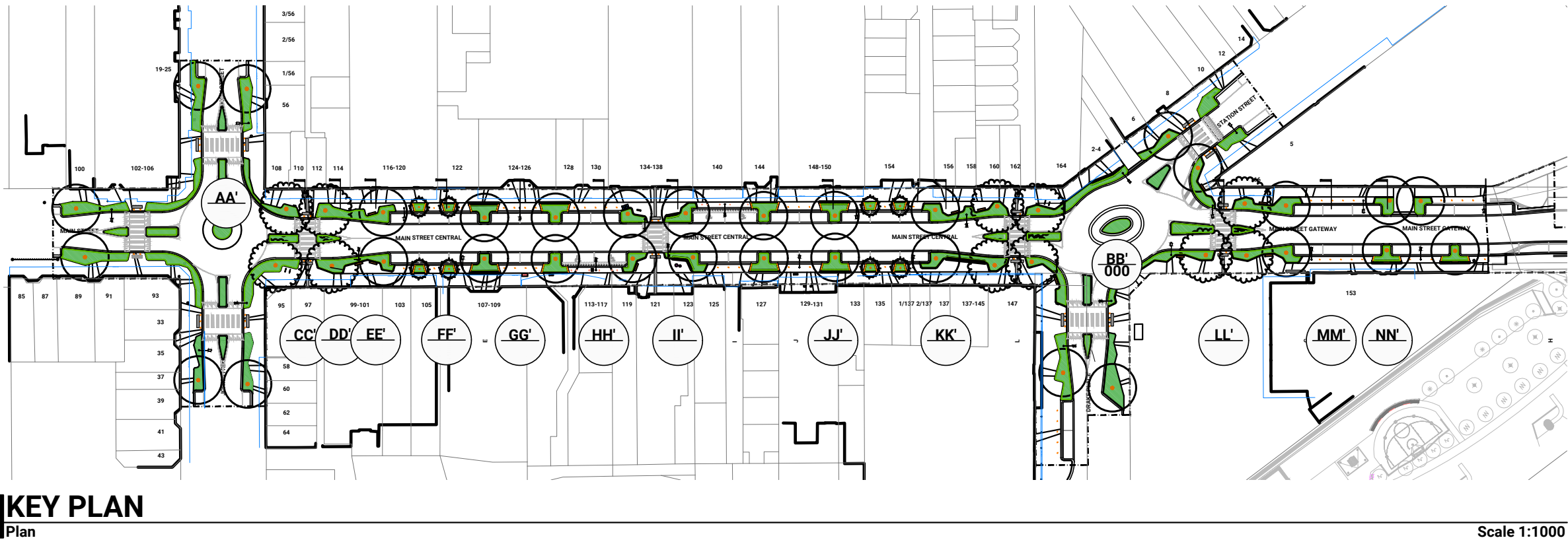
PAKENHAM MAIN STREET

SECTIONS
CARDINIA SHIRE COUNCIL
17.01.24
L603

DESIGNED: MESH DRAWN: PT CHECKED: NJ

SCALE AS SHOWN





PRELIMINARY

1	75% ISSUE	N.J	22.05.24
-	50% ISSUE	N.J	31.01.24
Rev	Description	App	Date

PAKENHAM MAIN STREET

SECTIONS
CARDINIA SHIRE COUNCIL

17.01.24
L604

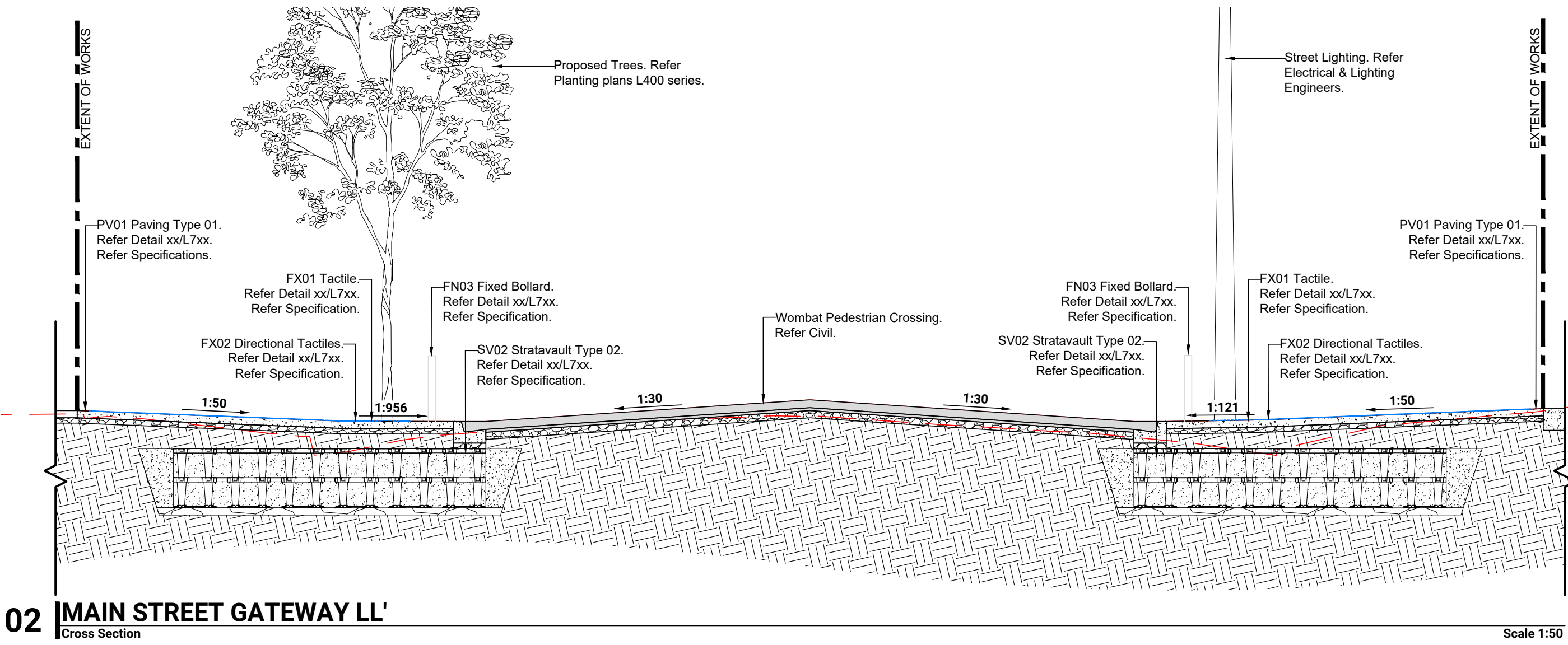
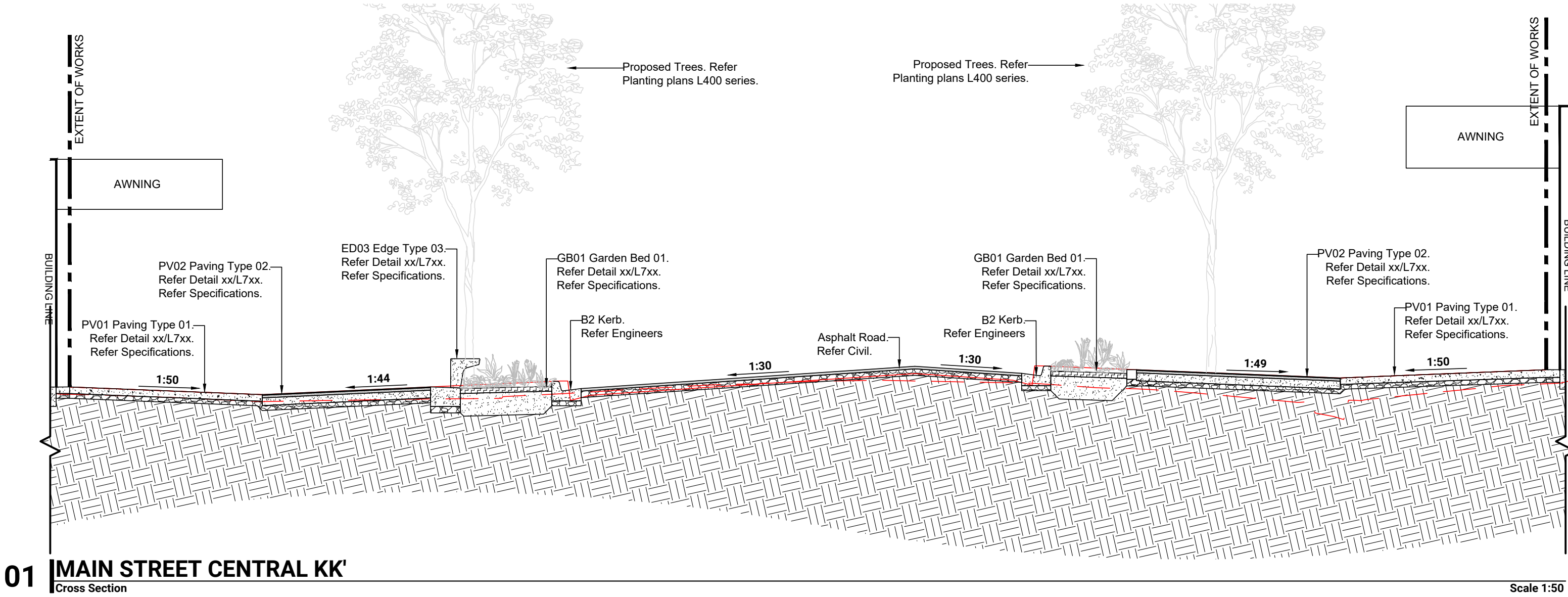
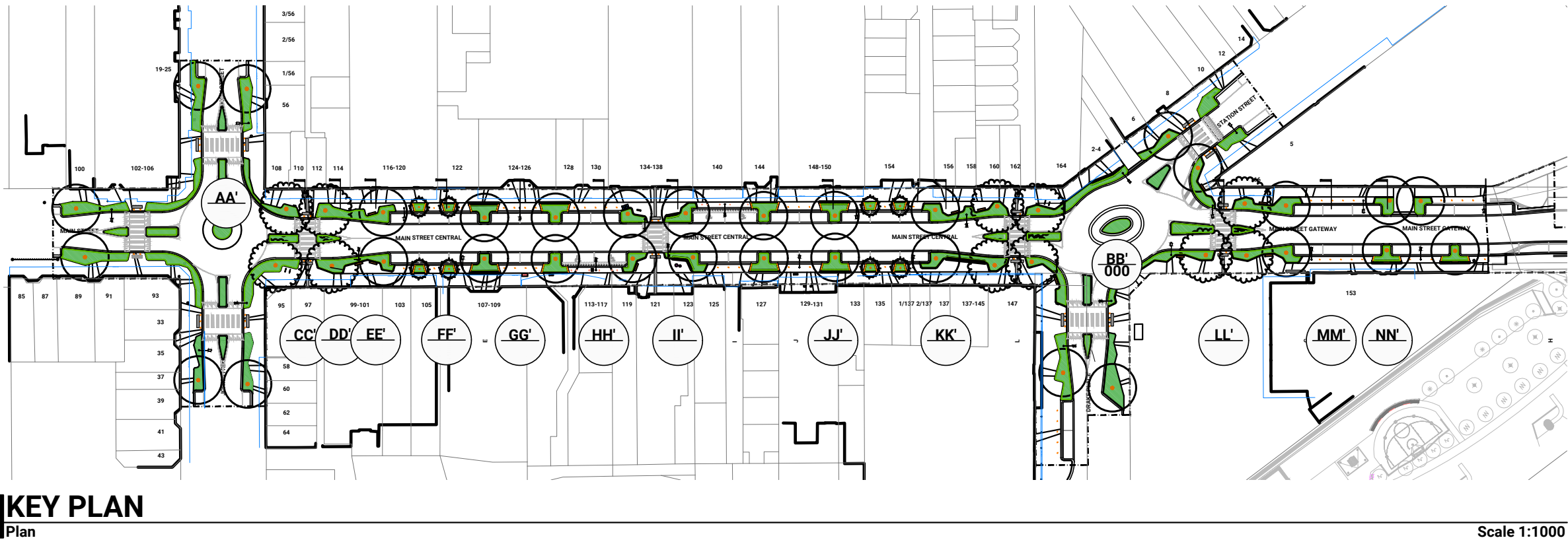
DESIGNED: MESH DRAWN: PT CHECKED: NJ

SCALE

AS SHOWN

mesh

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PRELIMINARY

1	75% ISSUE	N.J	22.05.24
-	50% ISSUE	N.J	31.01.24
Rev	Description	App	Date

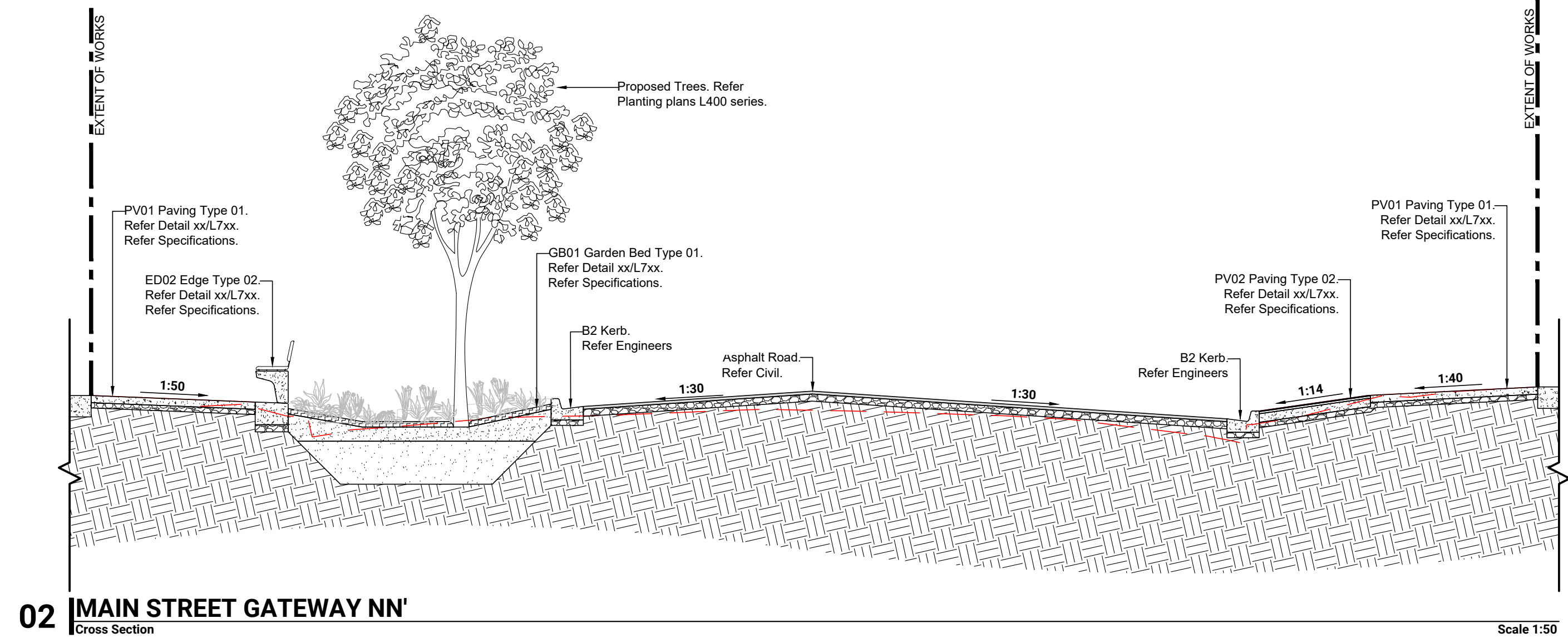
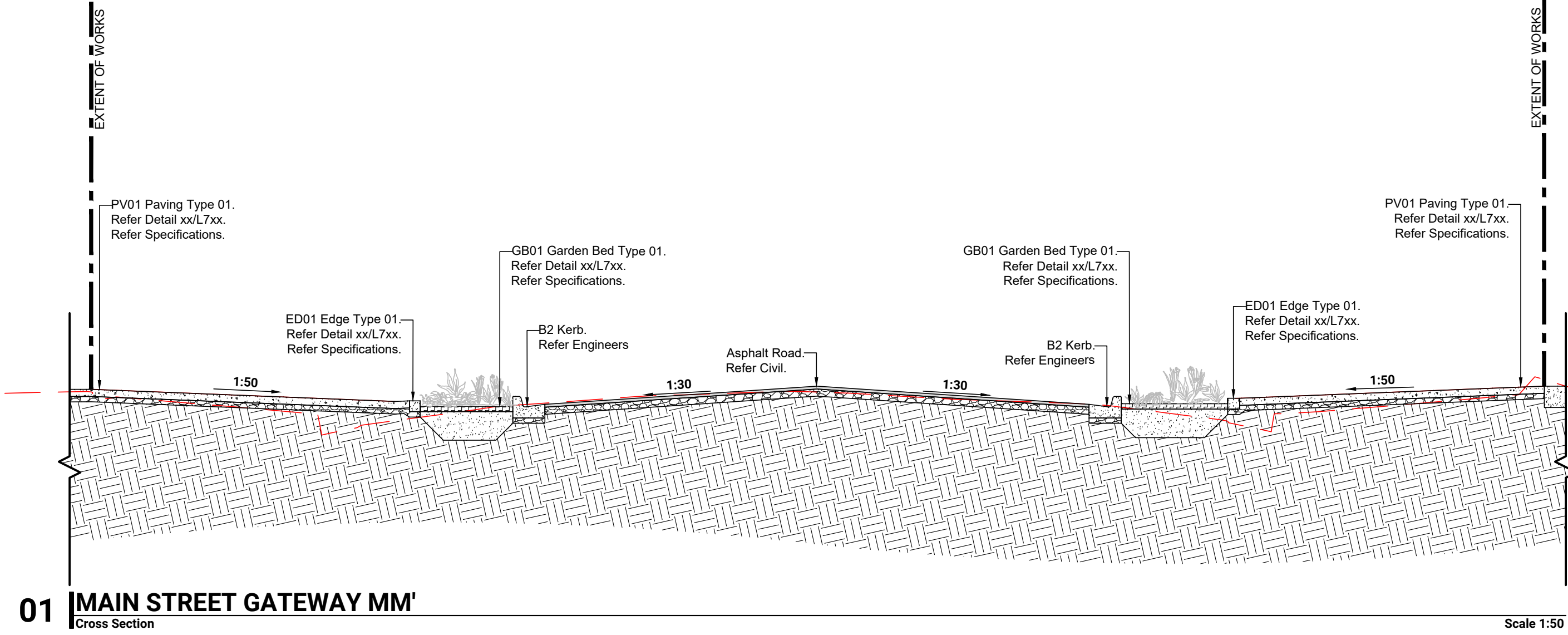
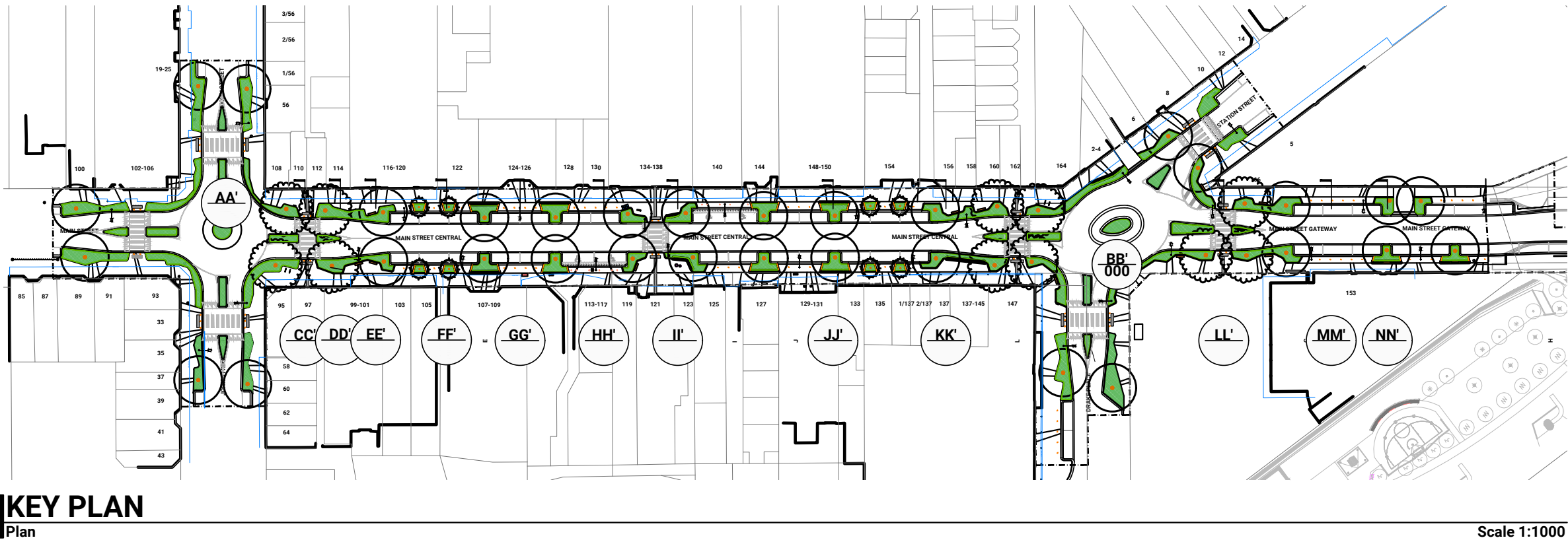
PAKENHAM MAIN STREET

SECTIONS
CARDINIA SHIRE COUNCIL
17.01.24
L605

DESIGNED: MESH DRAWN: PT CHECKED: NJ

SCALE AS SHOWN





PRELIMINARY

1	75% ISSUE	N.J	22.05.24
-	50% ISSUE	N.J	31.01.24
Rev	Description	App	Date

PAKENHAM MAIN STREET

SECTIONS
CARDINIA SHIRE COUNCIL
17.01.24
L606



DESIGNED: MESH DRAWN: PT CHECKED: NJ

SCALE
AS SHOWN





PRELIMINARY

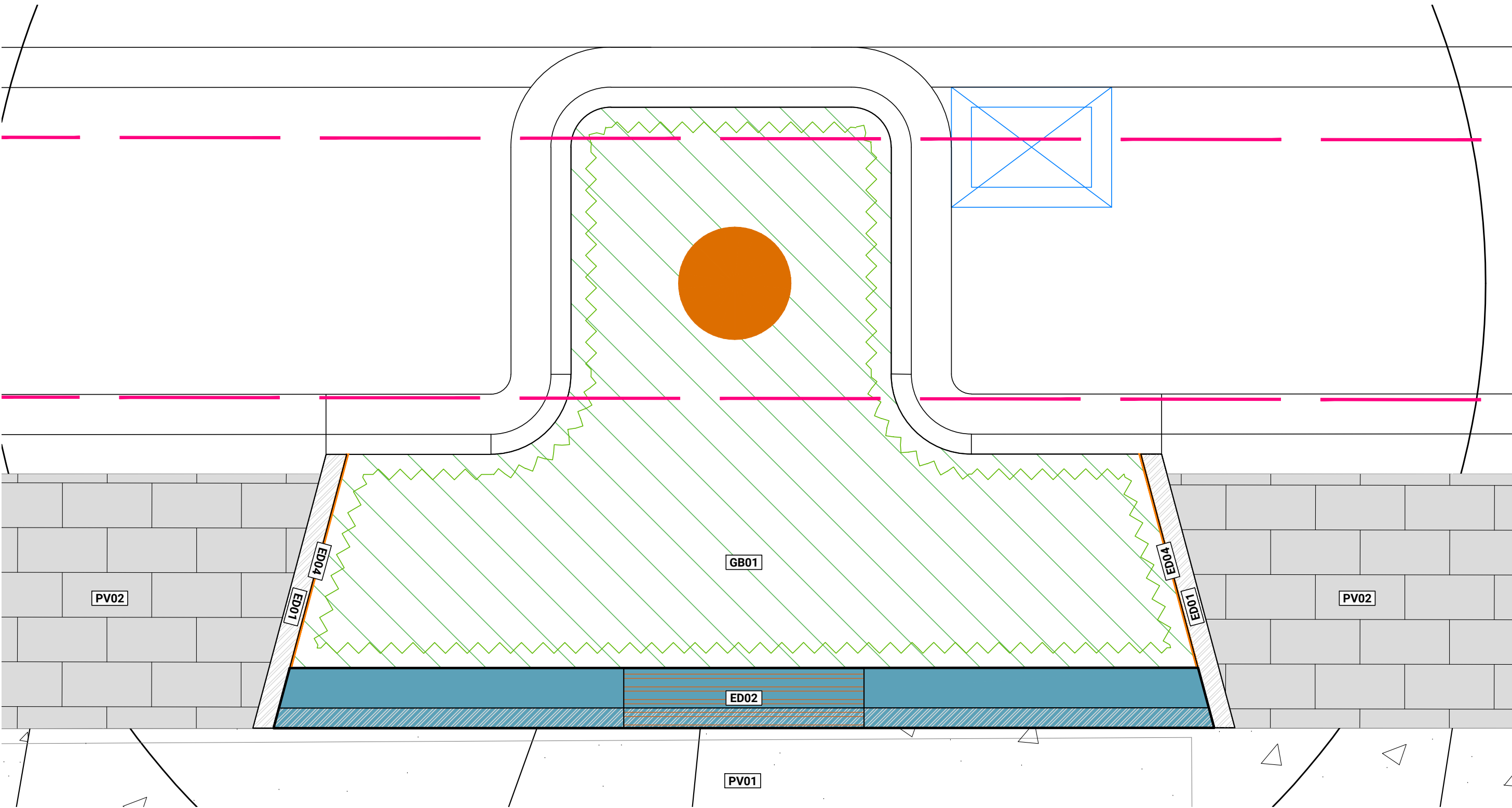
PAKENHAM MAIN STREET

**MAIN STREET CENTRAL
ZOOM-IN PLANS 1 OF 2
CARDINIA SHIRE COUNCIL**
REV 1
17.01.24
L650



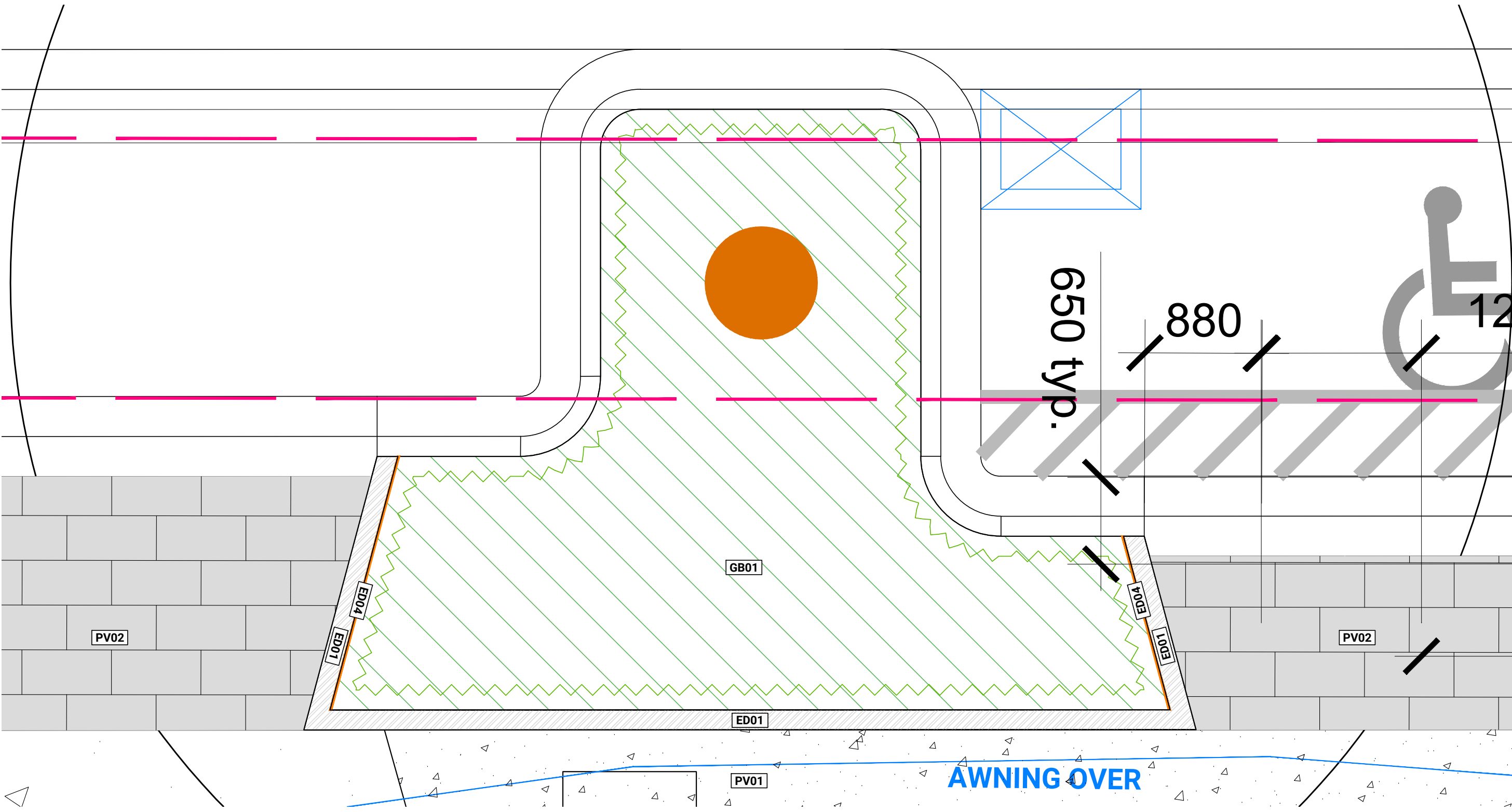
SCALE 1:50 @ A1 & 1:100 @ A2





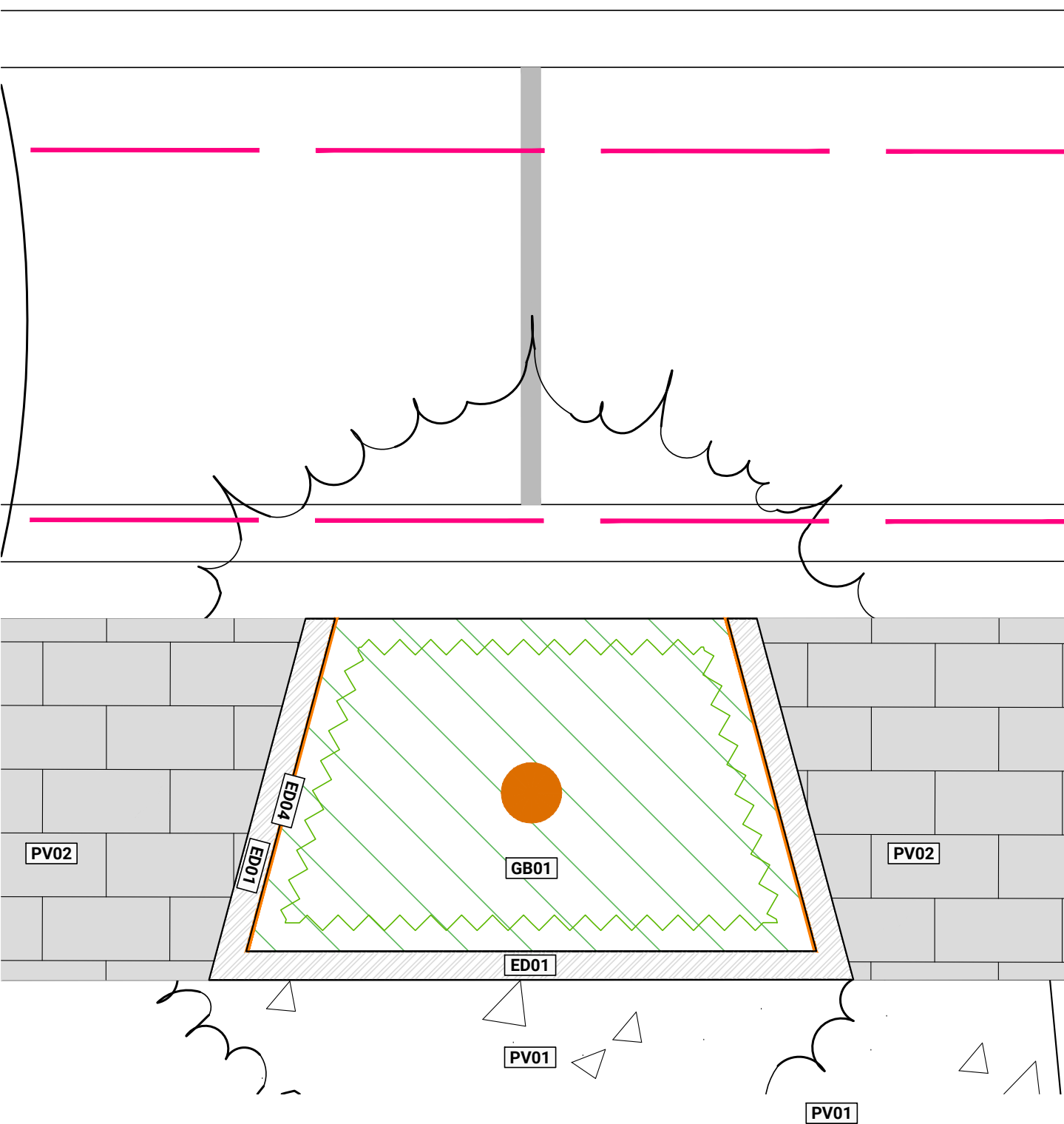
01 | GARDEN BED WITH ED02
Zoom-In Plan

Scale 1:50



02 | GARDEN BED WITH ED01
Zoom-In Plan

Scale 1:50



02 | SMALL GARDEN BEDS
Zoom-In Plan

DRAWING KEY

- | ■ EXTENT OF WORKS.
- PV01. PAVING TYPE 01. REFER DETAIL XX/L7XX. JOINT PATTERN FOR EXPANSION AND ISOLATION JOINTS. REFER ENGINEERS.
- PV02. PAVING TYPE 02. REFER DETAIL XX/L7XX.
- PV03. PAVING TYPE 03. REFER DETAIL XX/L7XX.
- PV04. PAVING TYPE 04. REFER DETAIL XX/L7XX.
- PV05. PAVING TYPE 05. REFER DETAIL XX/L7XX.
- ED01. EDGE TYPE 01 - 150MM WIDE EDGE. REFER DETAIL XX/L7XX.
- ED02. EDGE TYPE 02 - SEAT WALL WITH FN01 FIXED. REFER DETAIL XX/L7XX.
- ED03. EDGE TYPE 03 - SEAT WALL (OUTDOOR DINING AREAS). REFER DETAIL XX/L7XX.
- ED04. EDGE TYPE 04 - STEEL EDGE. REFER DETAIL XX/L7XX.
- GARDEN BED. REFER DETAIL XX/L7XX. REFER PLANTING PLAN L400 SERIES.
- FN01 - BENCH SEAT. REFER FURNITURE SCHEDULE L001.
- FN02 - DDA BOLLARDS. REFER FURNITURE SCHEDULE L001.
- FN03 - BOLLARDS. REFER FURNITURE SCHEDULE L001.
- FN04 - BIN ENCLOSURE. REFER FURNITURE SCHEDULE L001.
- FN05 - BIKE RACKS. REFER FURNITURE SCHEDULE L001.
- FN06 - DRINKING FOUNTAIN. REFER FURNITURE SCHEDULE L001.
- FX01 - TGS's. REFER FURNITURE SCHEDULE L001.
- FX02 - DIRECTIONAL TACTILES. REFER FURNITURE SCHEDULE L001.
- TELSTRA BOX.
- YAKKABOO SCULPTURE.
- MAILBOX.
- PROPOSED TREES. REFER PLANTING L400 PLANS.
- STRATAVAULT TREE PITS. REFER DETAIL XX/L7XX. REFER ENGINEERS.

PRELIMINARY

1	75% ISSUE	N.J	22.05.24
Rev	Description	App	Date

PAKENHAM MAIN STREET

MAIN STREET CENTRAL
ZOOM-IN PLANS 2 OF 2
CARDINIA SHIRE COUNCIL

REV 1
17.01.24
L651

0 0.5 1 2.5

SCALE 1:25 @ A1 & 1:50 @ A3

mesh
Level 2, 299 Clarendon Street,
South Melbourne, 3205
9070 1166
www.meshplanning.com.au

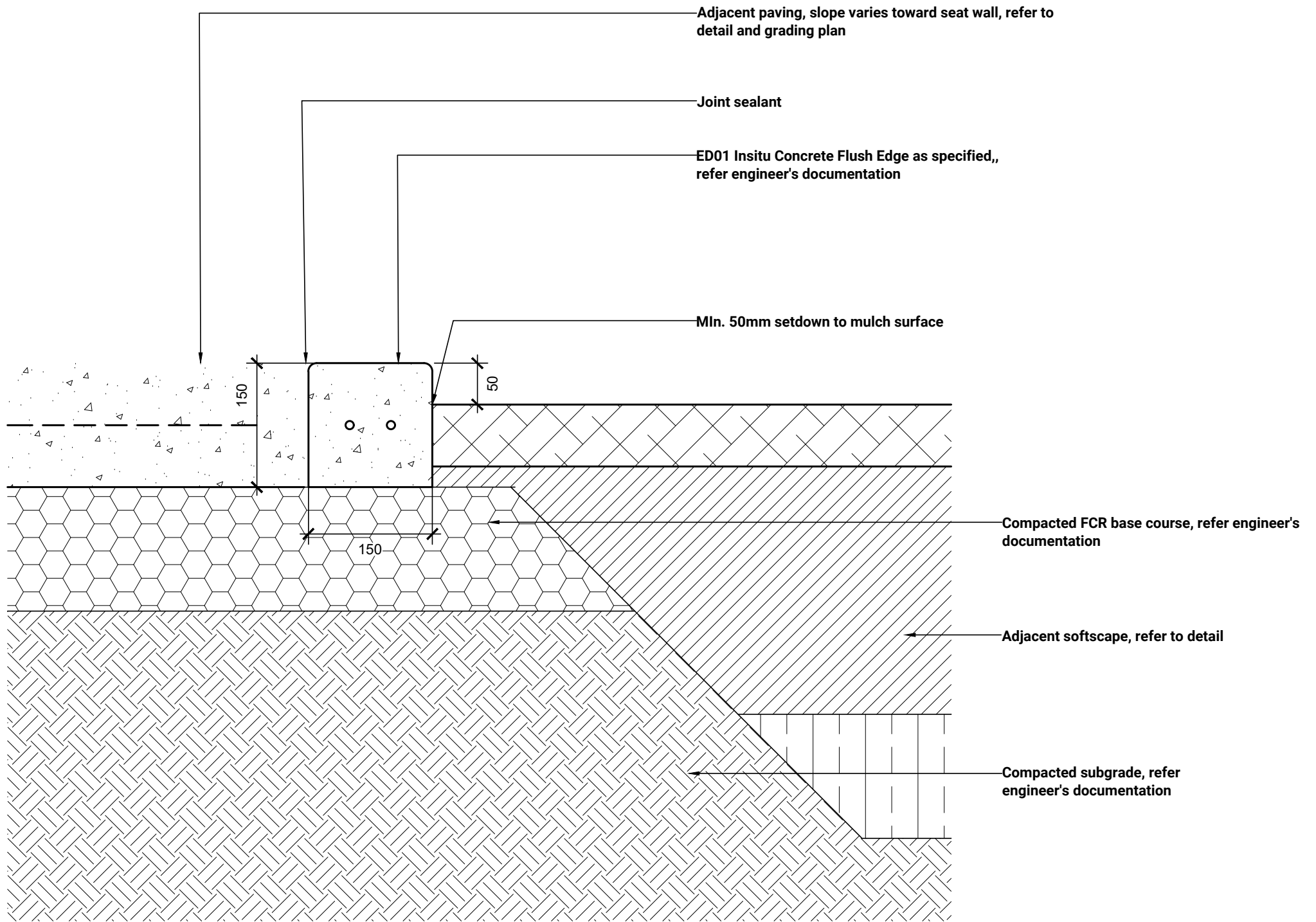


1	75% ISSUE	N.J	22.05.24
Rev	Description	App	Date

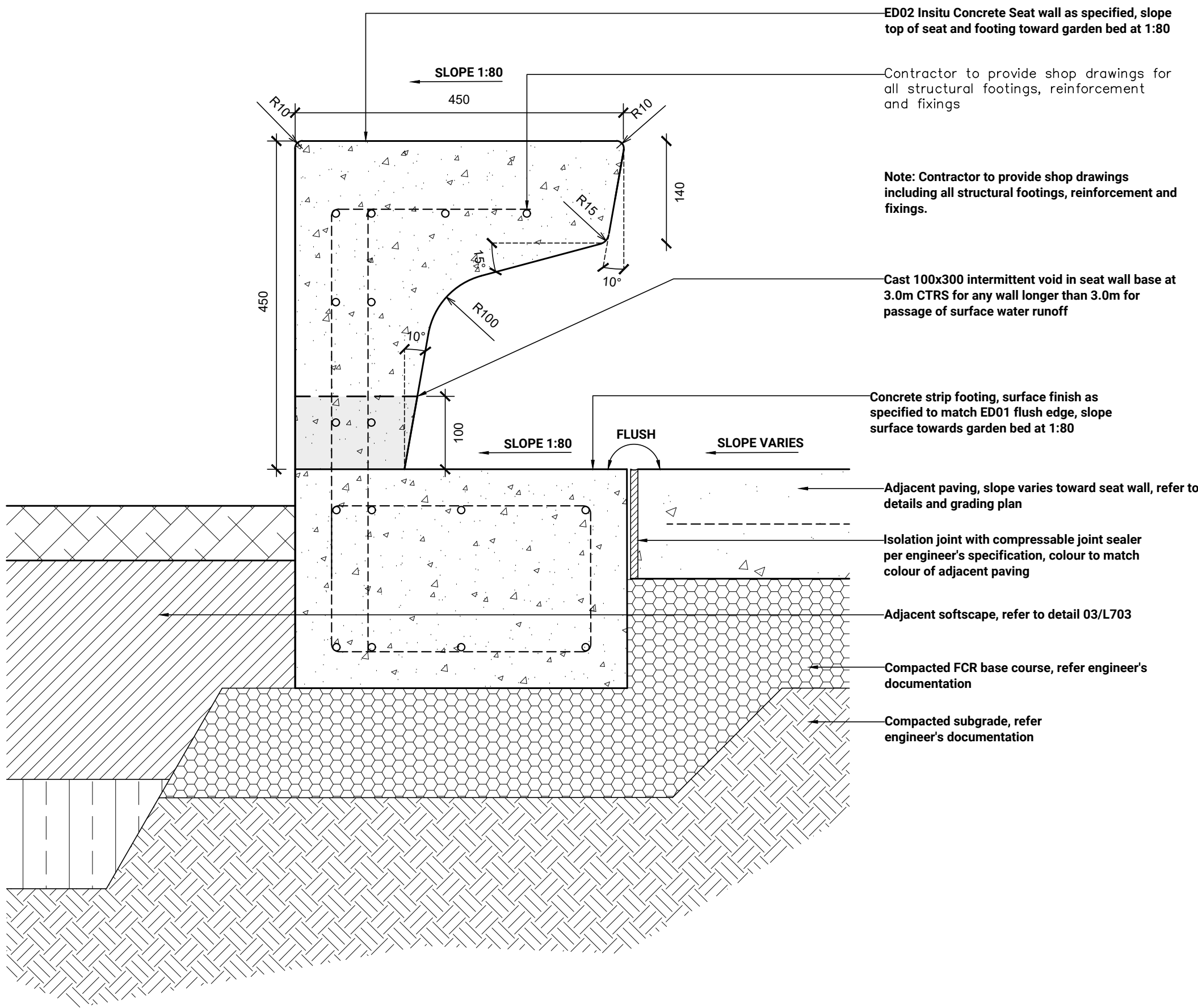
DETAILS - PAVING
CARDINIA SHIRE COUNCIL
REV 1
17.01.24
L700

DESIGNED: MESH DRAWN: CF CHECKED: NJ

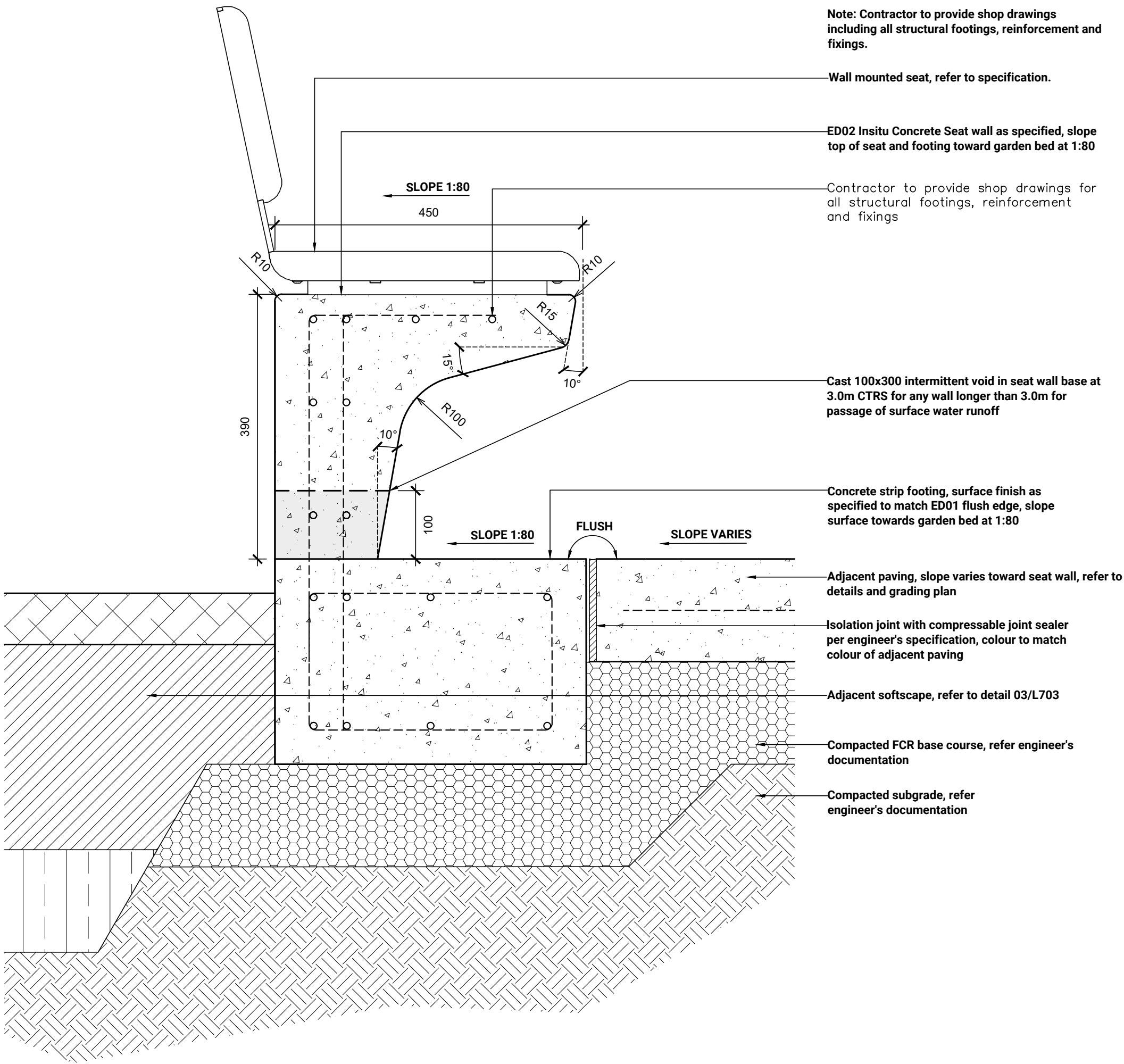
mesh
Level 2, 299 Clarendon Street,
South Melbourne, 3205
9070 1166
www.meshplanning.com.au



01 | ED01 INSITU CONCRETE FLUSH EDGE
Typical Section
Scale 1:5



02 | ED02 INSITU CONCRETE SEAT WALL
Typical Section
Scale 1:5



03 | ED03 INSITU CONCRETE SEAT WALL WITH SEAT INSERT
Typical Section
Scale 1:5

PRELIMINARY

1	75% ISSUE	N.J	22.05.24
Rev	Description	App	Date

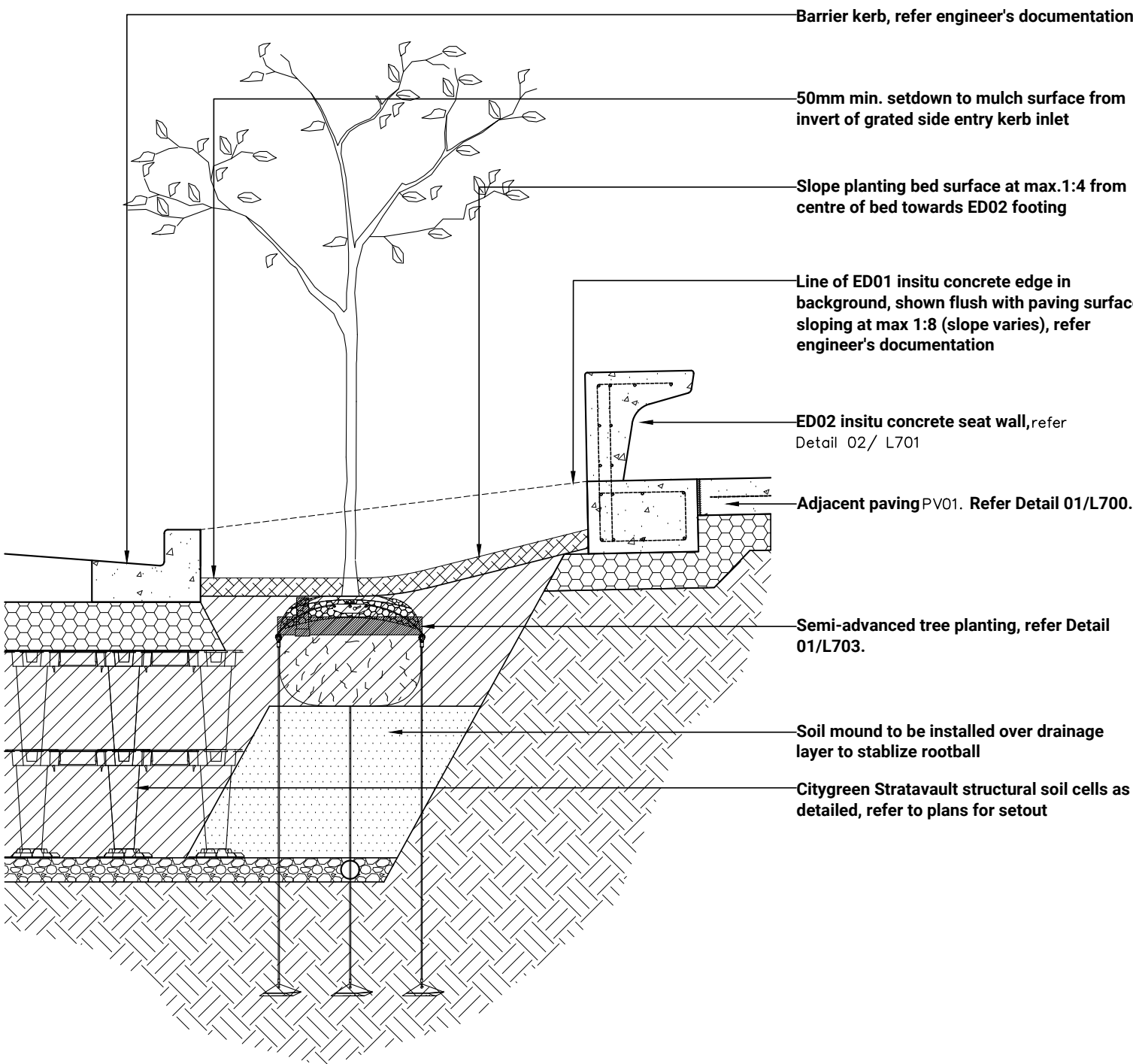
PAKENHAM MAIN STREET

DETAILS - EDGES
CARDINIA SHIRE COUNCIL
REV 1
17.01.24
L701

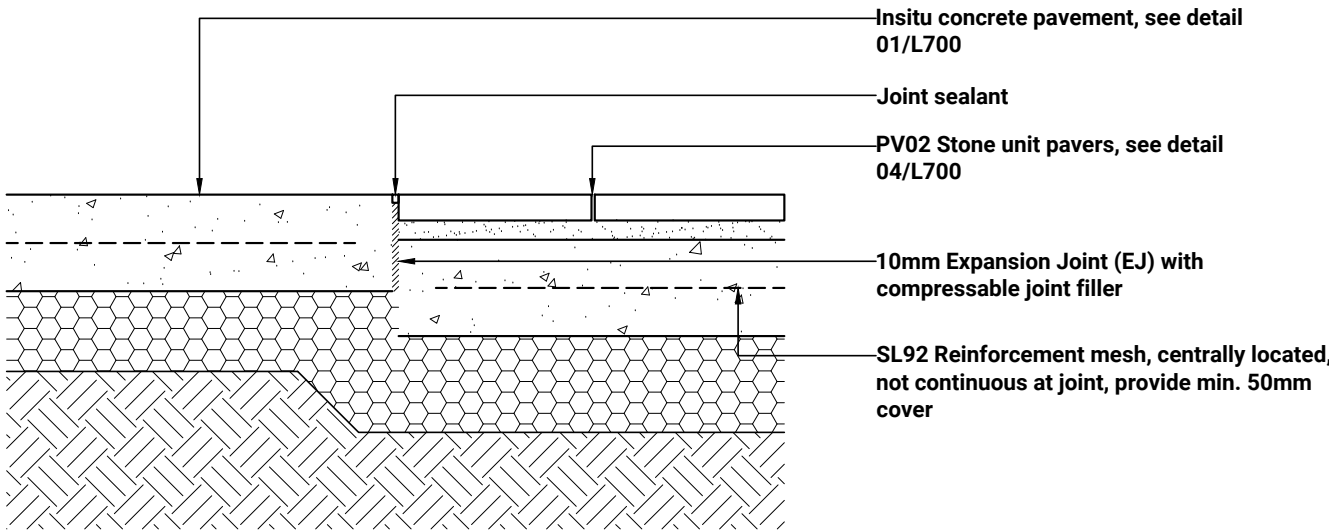
DESIGNED: MESH DRAWN: CF CHECKED: NJ

AS SHOWN

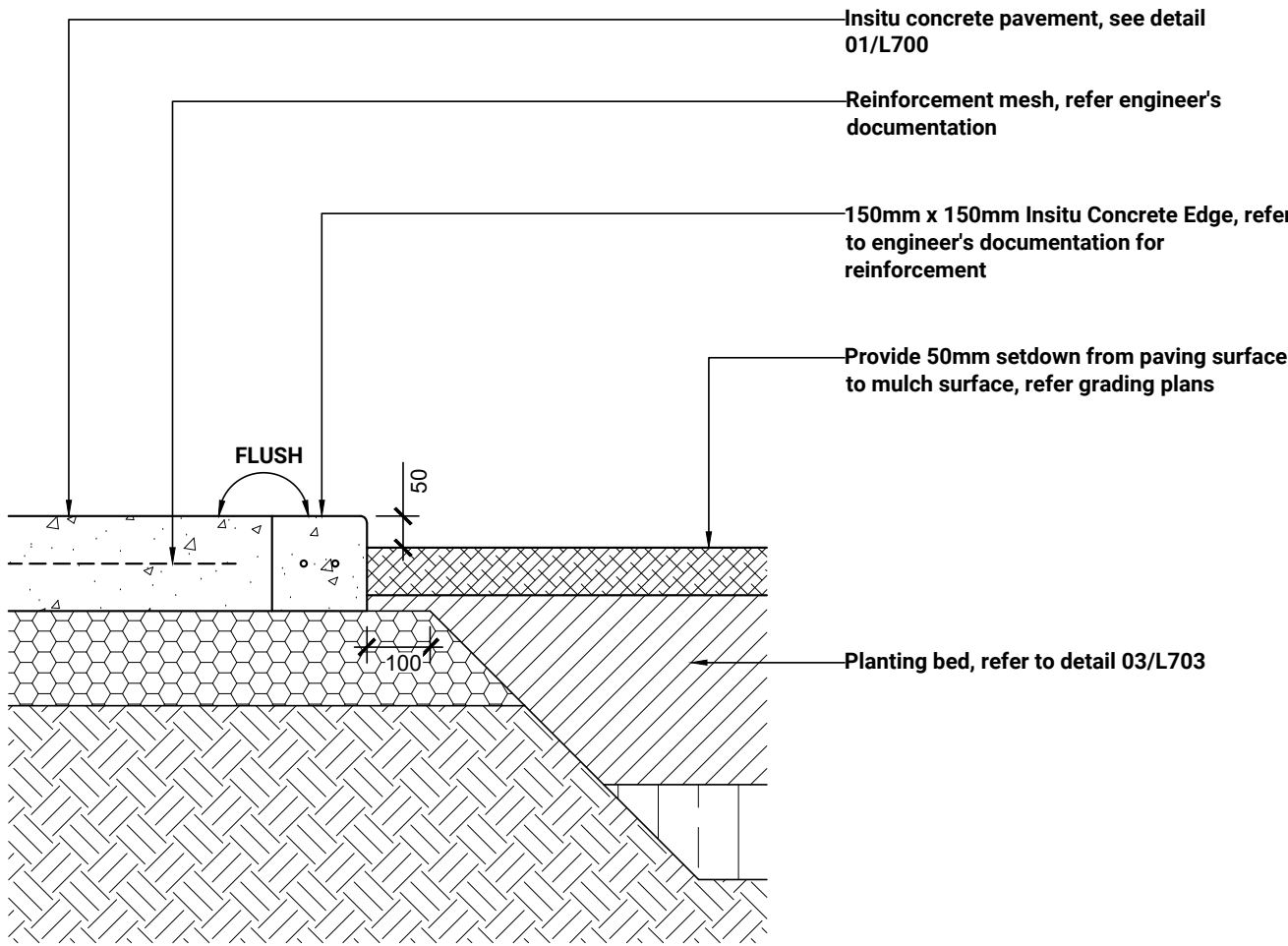




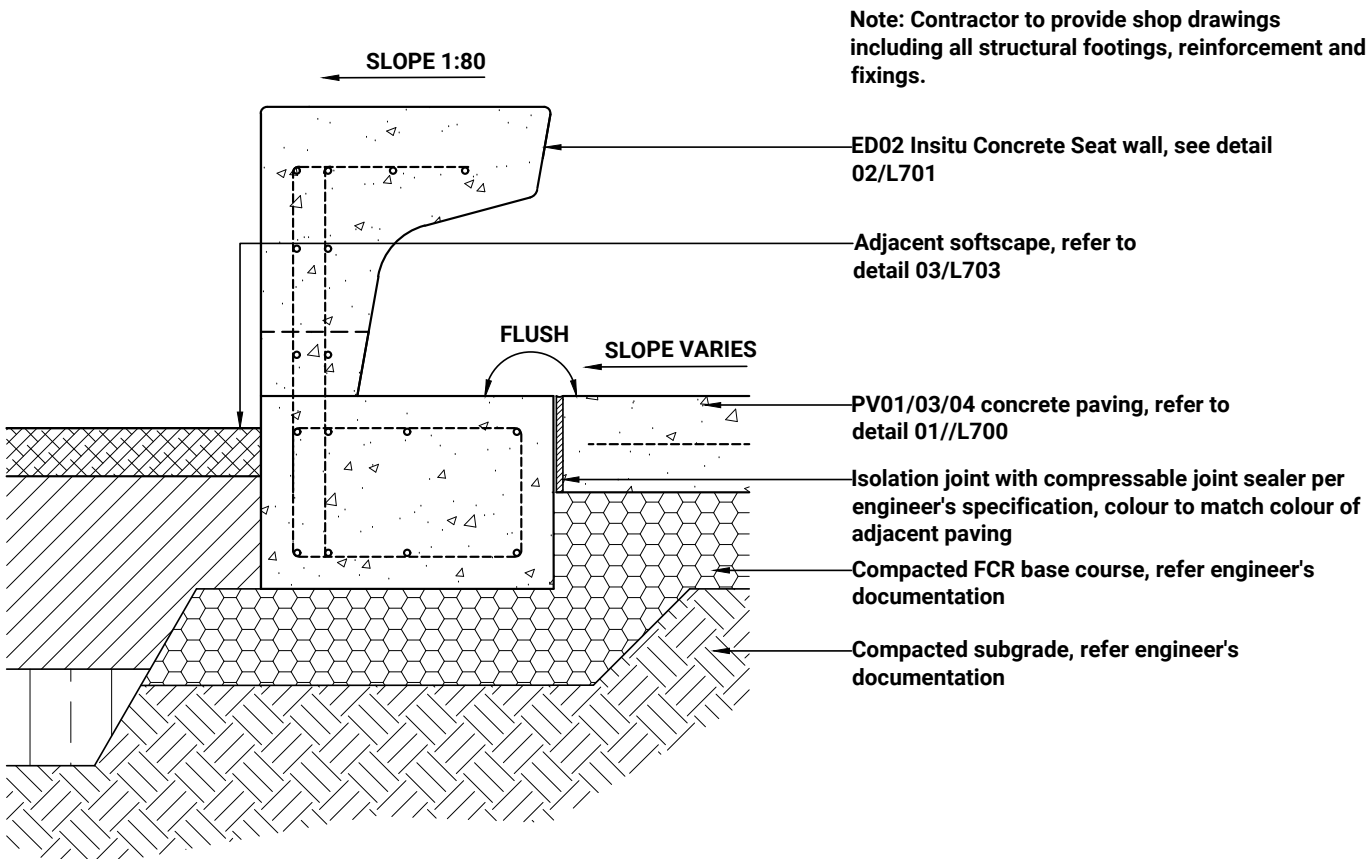
01 | PV01/ED02/PLANTING BED/KERB INTERFACE
Typical Section Scale 1:20



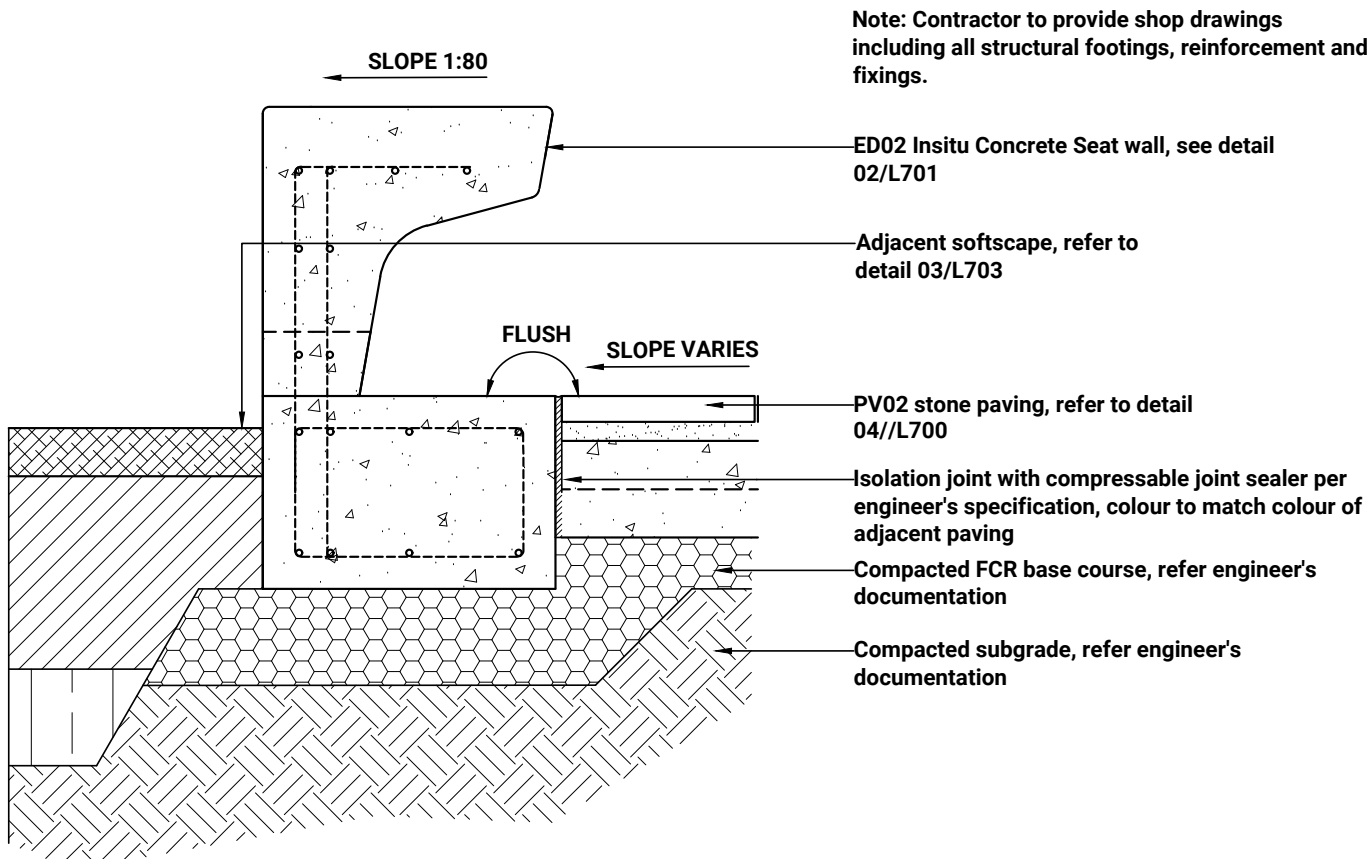
02 | PV01,03,04 CONCRETE TO PV02 STONE PAVING INTERFACE
Typical Section Scale 1:10



03 | PV01,03,04 CONCRETE TO ED01 EDGE TO PLANTING INTERFACE
Typical Section Scale 1:10



04 | PV01/ED02/PLANTING BED INTERFACE
Typical Section Scale 1:10



05 | PV02/ED02/PLANTING BED INTERFACE
Typical Section Scale 1:10

PRELIMINARY

1	75% ISSUE	N.J	22.05.24
Rev	Description	App	Date

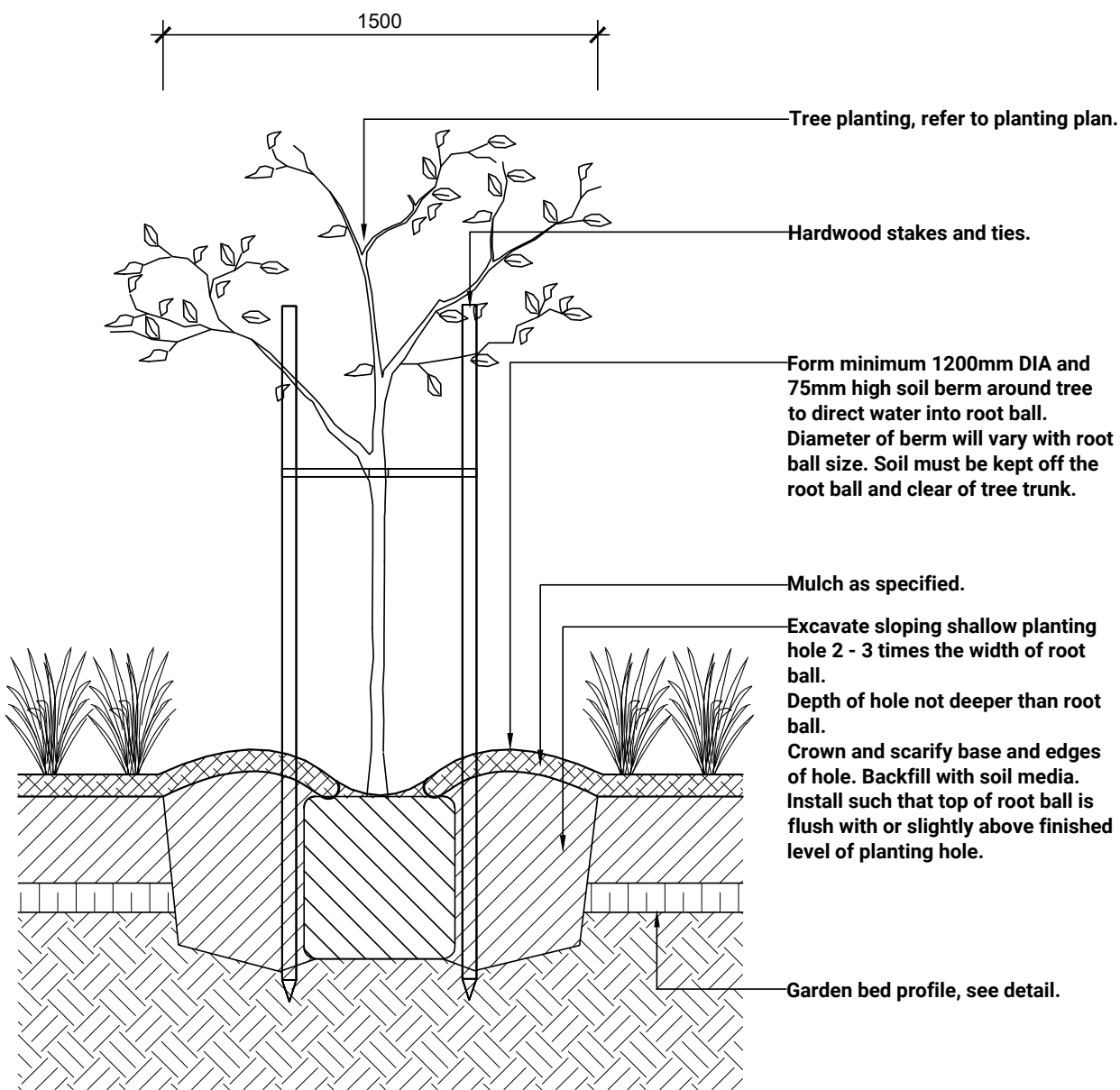
PAKENHAM MAIN STREET

DETAILS - INTERFACES
CARDINIA SHIRE COUNCIL
REV 1
17.01.24
L702

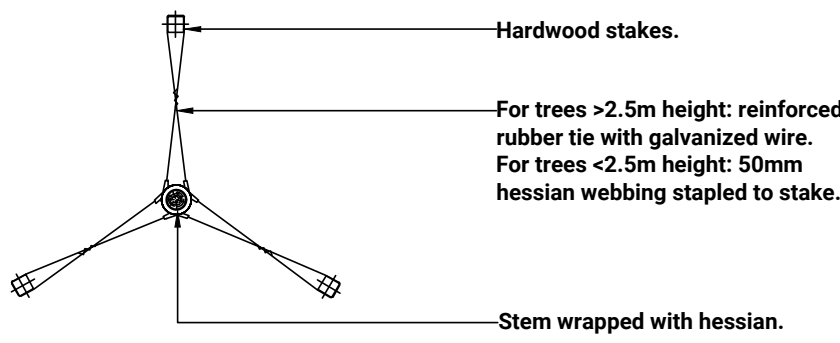
DESIGNED: MESH DRAWN: CF CHECKED: NJ

AS SHOWN

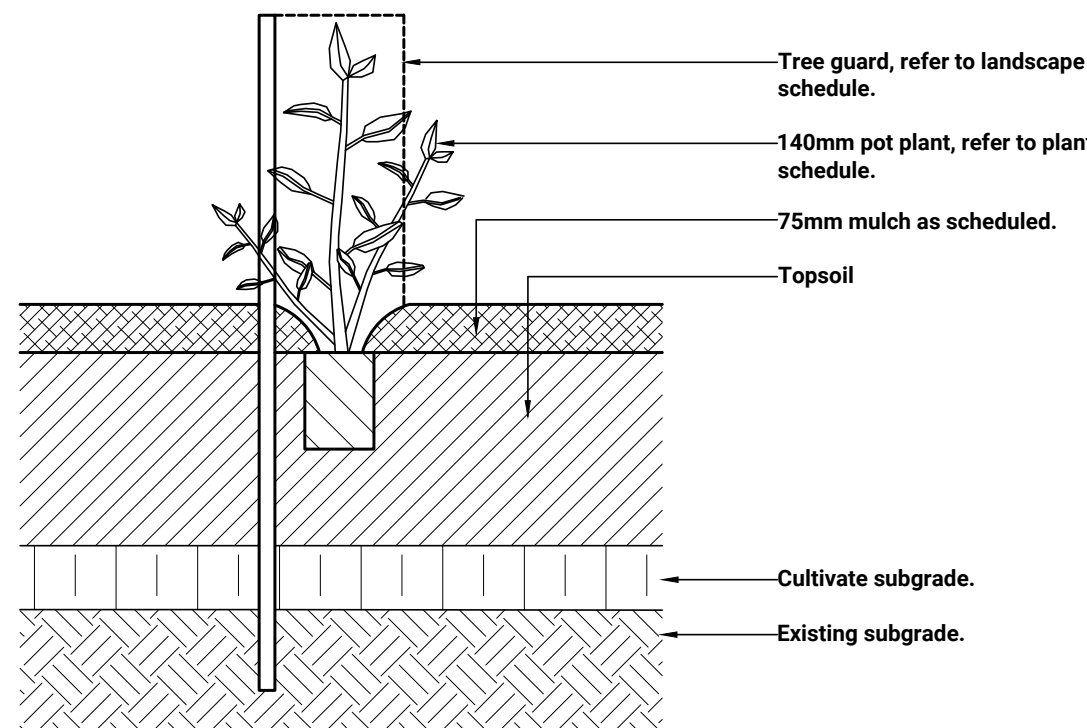




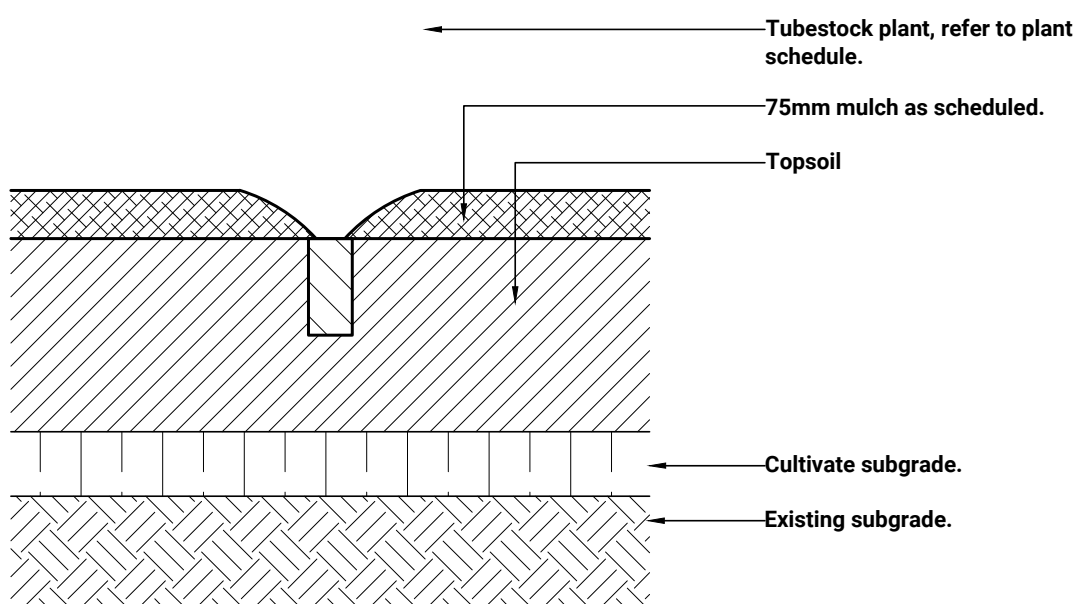
01 SEMI-ADVANCED TREE PLANTING IN GARDEN BED
Typical Section Scale 1:20



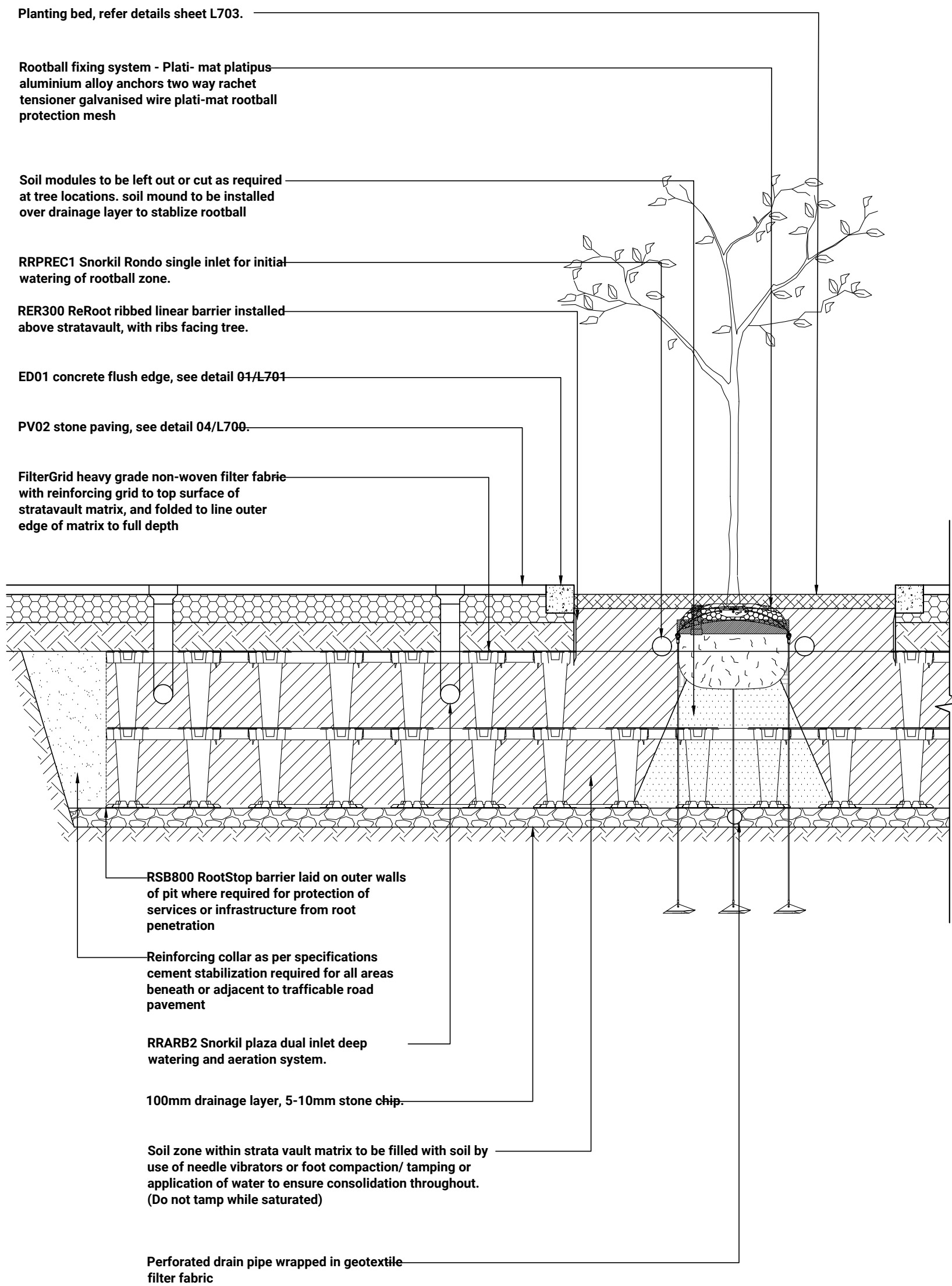
02 TREE SUPPORT AND STAKES
Typical Section Scale 1:20



03 150mm POT PLANTING
Typical Section Scale 1:10



04 TUBESTOCK PLANTING
Typical Section Scale 1:10



05 SEMI-ADVANCED TREE PLANTING IN STRATAVAULTS
Typical Section Scale 1:20

PRELIMINARY

1	75% ISSUE	N.J	22.05.24
Rev	Description	App	Date

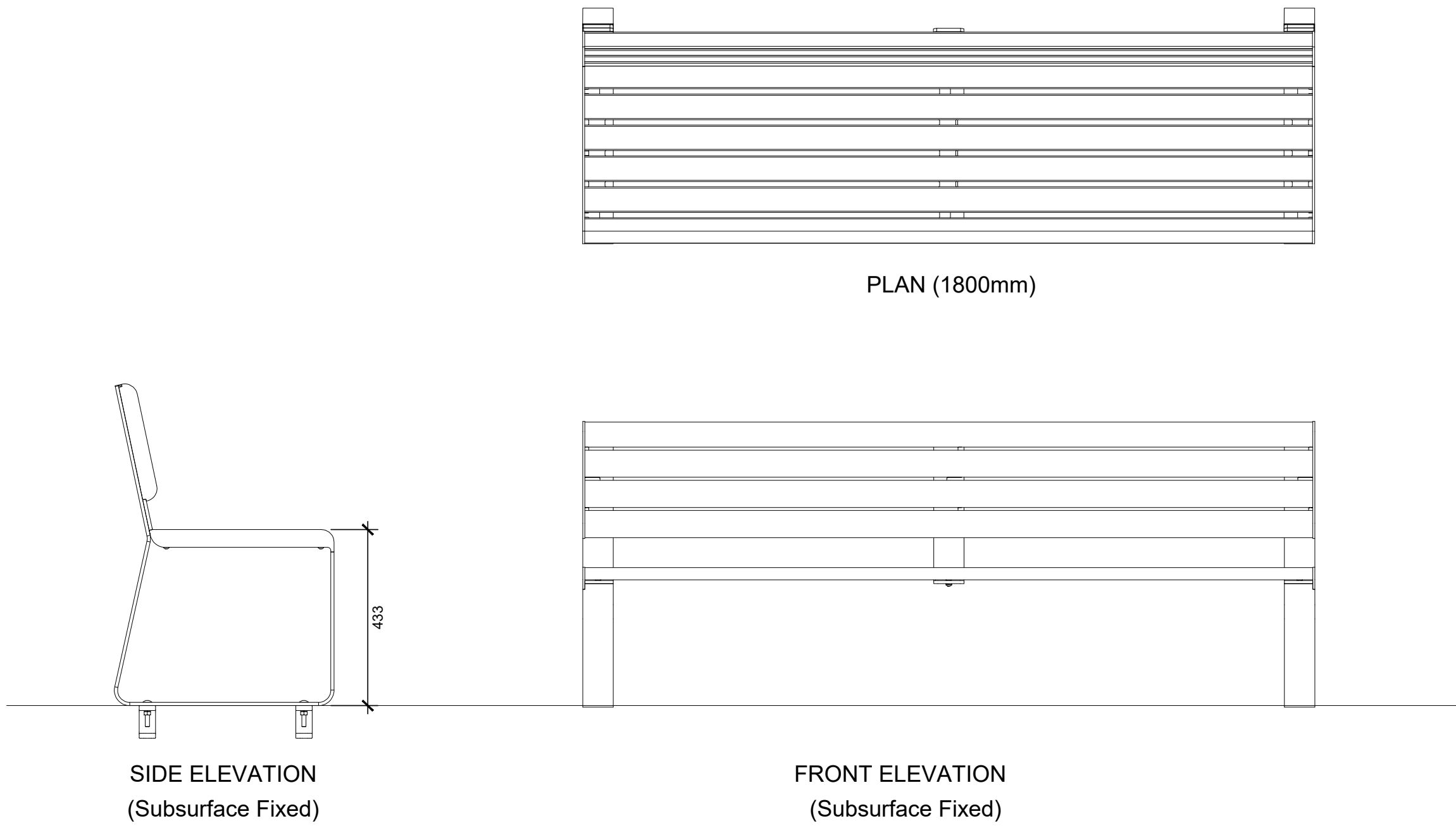
PAKENHAM MAIN STREET

DETAILS - PLANTING
CARDINIA SHIRE COUNCIL
REV 1
1
L703

DESIGNED: MESH	DRAWN: CF	CHECKED: NJ
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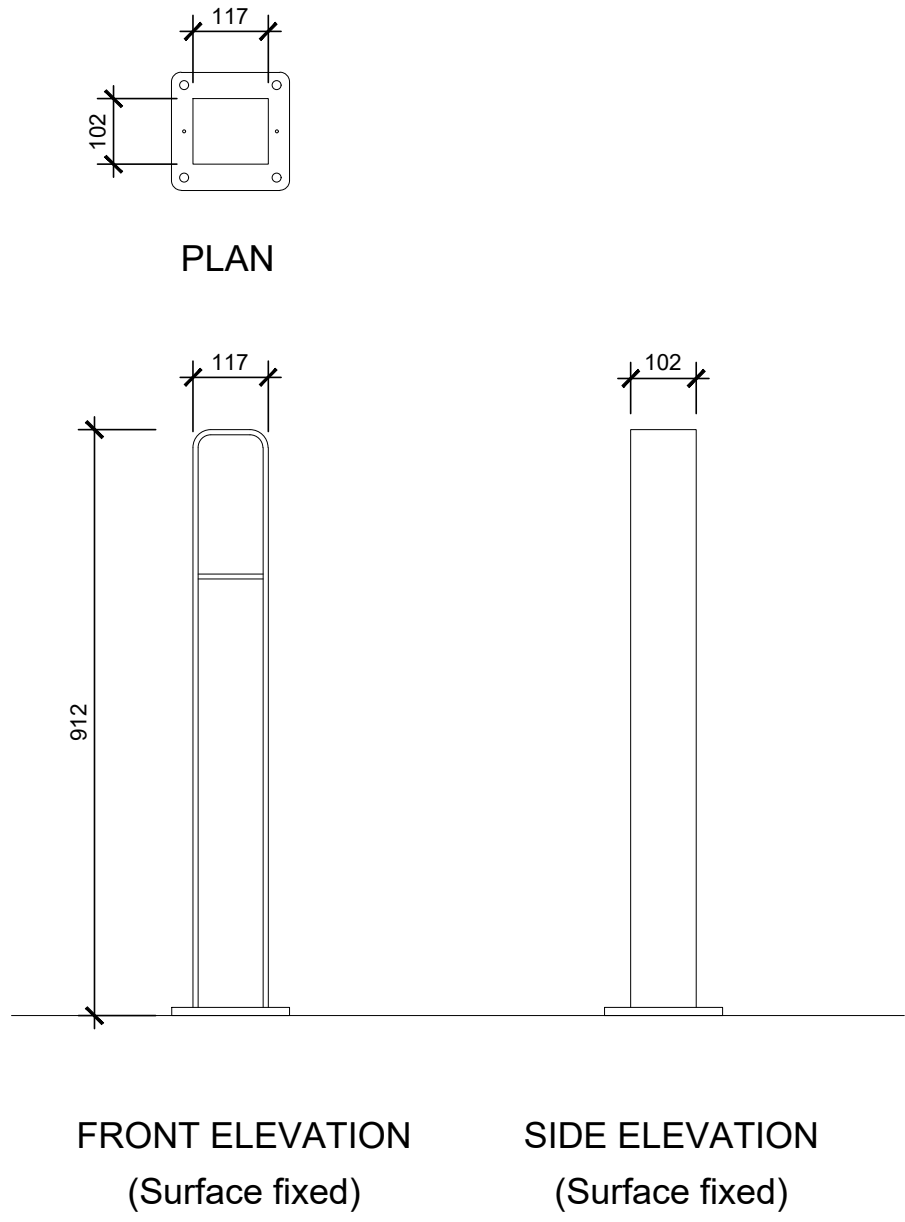
AS SHOWN



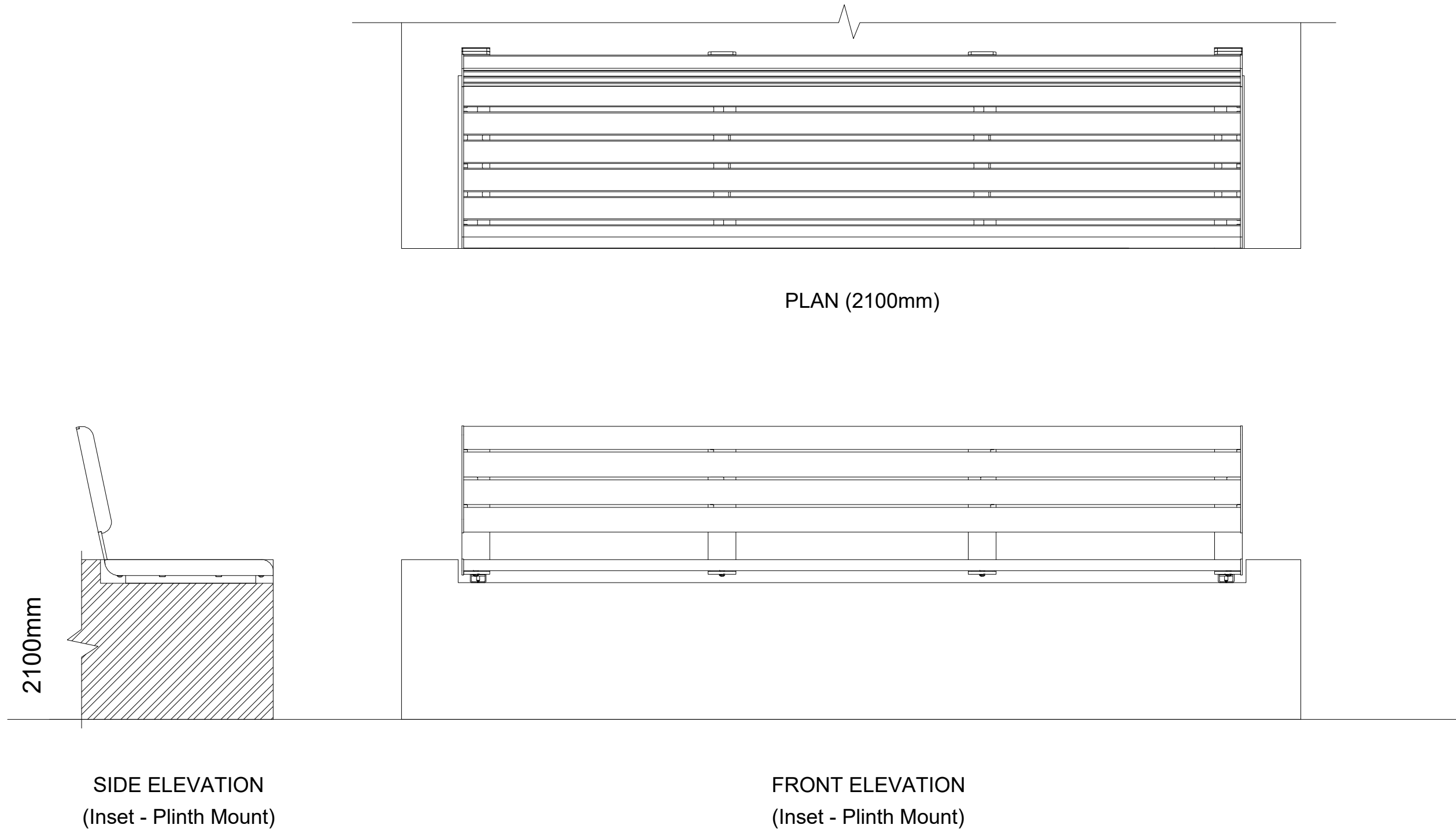


01 | FN01 BENCH SEAT
Typical Details

Scale 1:10

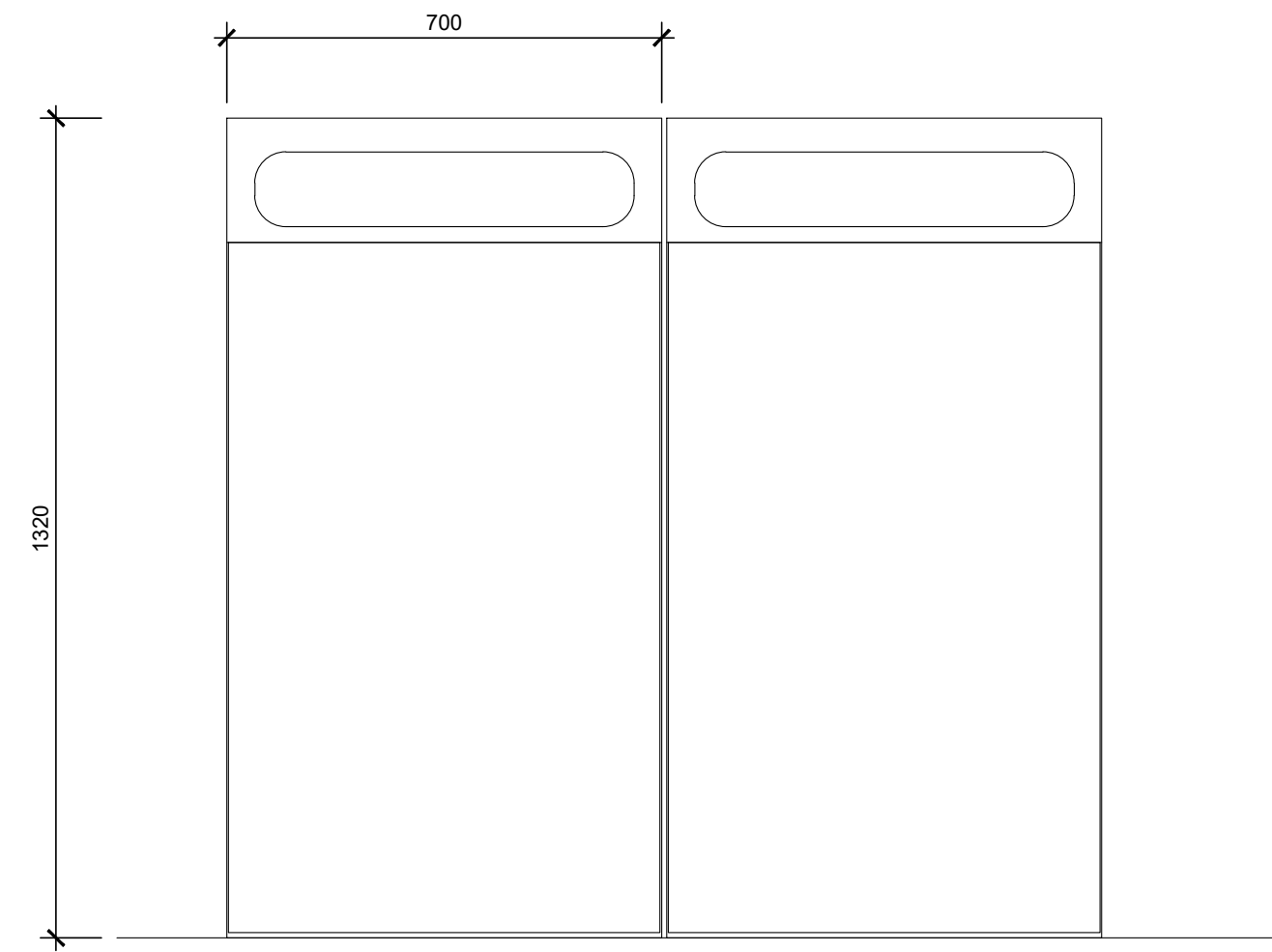


03 | FN03 BOLLARDS
Typical Details



02 | FN01 SEAT INSERT IN ED02 SEAT WALL
Typical Details

Scale 1:10



04 | FN04 DUAL BINS
Typical Details

Scale 1:10

PRELIMINARY

1	75% ISSUE	N.J	22.05.24
Rev	Description	App	Date

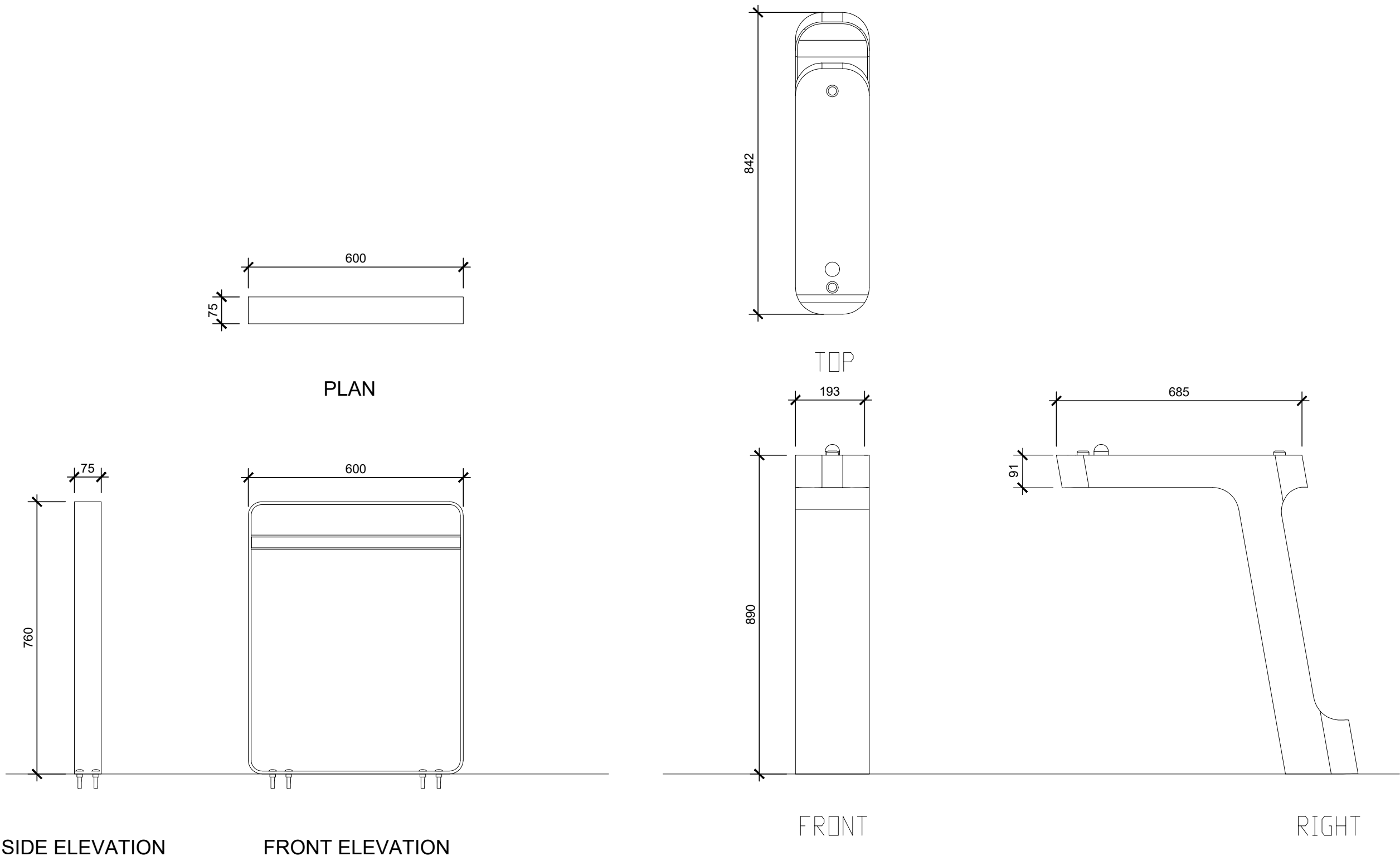
PAKENHAM MAIN STREET

DETAILS - FURNITURE 1 OF 2
CARDINIA SHIRE COUNCIL
REV 1
17.01.24
L703

DESIGNED: MESH	DRAWN: CF	CHECKED: NJ
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AS SHOWN





05 FN05 BICYCLE RACKS
Typical Details

06 FN06 DRINKING FOUNTAIN
Typical Details

Scale 1:10

PRELIMINARY

1	75% ISSUE	N.J	22.05.24
Rev	Description	App	Date

PAKENHAM MAIN STREET

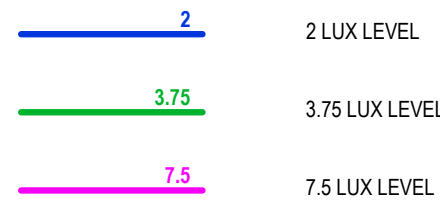
DETAILS - FURNITURE 2 OF 2
CARDINIA SHIRE COUNCIL
REV 1
17.01.24
L703

DESIGNED: MESH	DRAWN: CF	CHECKED: NJ
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AS SHOWN



Isolines Legend



Calculation Summary

Label	Avg Horizontal Illuminance (E_h)		Point Horizontal Illuminance (E_{ph})		Illuminance (Horizontal) Uniformity (U_E)		Point Vertical Illuminance (E_{pv})		Comments
	Required	Calculated	Required	Calculated	Required	Calculated	Required	Calculated	
Main Street & Intersections	7	26.8	2	3.1	≤ 8	≤ 2.75	-	-	Lighting along entire road reserve complies with AS/NZS 1158.3.1 [PR1 Sub-category]
Paths - South (along Main Street)	10	12.4	2	2.0	≤ 5	≤ 2.68	1	2.0	Paths along Main Street comply with AS/NZS 1158.3.1 [PP1 Sub-category]
Paths - North (along Main Street)	10	11.0	2	2.7	≤ 5	≤ 3.47	1	2.7	

The roadway lighting along Main Street complies with AS/NZS 1158.1.1 Sub-category V3, with pole spacings < 42m. (based on 'two rows, opposite' configuration). Refer separate AGI32 Roadway optimizer calculation printout for details.

Notes

1. LIGHTING AT NEW MINOR PEDESTRIAN CROSSINGS COMPLIES WITH AS/NZS 1158.1.1 SUB-CATEGORY V3, IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL FOR PEDESTRIAN CROSSINGS WITHOUT FLASHING LIGHTS.
2. LIGHTING AT NEW MAJOR PEDESTRIAN CROSSING COMPLIES WITH AS/NZS 1158.4, CATEGORY PX 3, AS PER THE LIGHTING AT THE EXISTING CROSSING IN THE SAME LOCATION.
3. THE NEW LIGHTING COMPLIES WITH AS 1158.3.1 SUB-CATEGORY PR1 ACROSS THE ENTIRE ROAD RESERVE, AND PP1 ALONG THE MAIN STREET FOOTPATHS. THIS IS SUITABLE FOR PUBLIC SPACES WITH HIGH PEDESTRIAN/CYCLE ACTIVITY AND HIGH 'FEAR OF CRIME'.
4. THE NEW LIGHTING COMPLIES WITH AS 1158.1.1 SUB-CATEGORY V3 ACROSS THE ENTIRE ROAD RESERVE. THIS IS SUITABLE FOR ROADS WITH MIXED VEHICLE AND PEDESTRIAN USE, WITH THE FOLLOWING ACTIVITY:
 - HIGH VEHICLE ACTIVITY
 - MODERATE VEHICLE SPEED
 - HIGH PEDESTRIAN ACTIVITY.



DRAFT ONLY
DRAWING NOT FOR ISSUE

DRAWING TO BE PRINTED IN COLOUR

REVISION				DATE				REV	APP	REVISION	DATE				REV	APP	WEB3	CONSULTING ELECTRICAL ENGINEERS LIGHTING CONSULTANTS TECHNOLOGY CONSULTANTS		CLIENT	PROJECT DETAILS		DRAWING		N SCALE 1:400 @ A1	JOB No. DRAWING No. D R A				
01 FOR INFORMATION				30.01.24				P.M.	W.P.H.									CARDINIA SHIRE COUNCIL	PAKENHAM REVITALISATION PROJECT: MAIN STREET LIGHTING, PAKENHAM VIC 3810	ILLUMINANCE CALCULATIONS	R972B LC-01 J.D. P.M. W.P.H.									
02 75% ISSUE				22.05.24				P.M.	W.P.H.												STATUS REV									
																					APPROVAL 02									