


PARK GLEN STAGE 1

SICA CONSULTING PTY. LTD.

MELTON CITY COUNCIL



APPROVED
DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024

CONSTRUCTION NOTES

SITE MANAGEMENT

- A1. Prior to commencement of works on site, the contractor must ensure that all matters relating to the Occupational Health & Safety Act 2004, including all relevant regulations, have been addressed. In particular, the required notifications must be conveyed to the Victorian Workcover Authority - Health & Safety division with respect to trenching operations. Details of the contractors occupational health & safety procedures must be lodged with the superintendent prior to commencement of works.
- A2. All native trees & shrubs to be retained unless road construction necessitates their removal or removal is directed by the engineer. A town planning permit is required for the removal of native trees & / or vegetation. The removal or retention of any existing trees must be in accordance with the approved landscape plan, or else approval will be required from the Melton City Council landscape approvals officer.
- A3. Existing dam or watercourses to be excavated to a firm base & backfilled as specified. Consulting engineer to be notified when the dam or watercourses are excavated to a firm base. No filling is to be placed prior to dams being inspected & levels taken. Backfilling is to be carried out to the satisfaction of the Council supervising engineer.
- A4. Prior to commencement of works, the contractor must submit a Site Management Plan (SMP) to the consultant for approval. The contractor must comply with the recommendations of the Environment Protection Authority publication No.275 "Construction techniques for sediment pollution control". Appropriate siltation control is to be maintained throughout the construction & maintenance period of the works.
- A5. Provide temporary safety barrier fence (Farm Fence as per MW Std Dwg 7251/4/203) along extent of outfall drain where the drain is greater than 1.5m in depth & side slopes are steeper than 1 in 3. Safety fence to remain until permanent underground drainage is installed.
- A7. Contractor to remove existing irrigation & drainage pipes & pits encountered on site. Trenches to be backfilled in accordance with notes C2 & C3.

GENERAL

- B1. All works to be carried out in accordance with AS2124-1992 general conditions of contract & the Melton City Council current specification & standard drawings & to the satisfaction of the Melton City Council works supervisor.
- B2. Council to be notified two (2) clear days prior to commencement of works.
- B3. Before commencement of works on trenches in excess of 1.5m deep, the civil contractors construction supervisor must give notice in writing of such proposals to Worksafe Victoria in accordance with Part 5.1, Division 4 of the Occupational Health & Safety regulations (2007) & undertake safety precautions in trenching operations in accordance with Workcover's code of practice (1988).
- B4. Lots to be graded (1 in 150 min slope) & left clean to the satisfaction of the engineer. Finished levels to be compatible with lots adjoining this stage.
- B5. On completion the contractor is responsible for the removal of all rubbish & spoil from site. No surplus trees, vegetation or other material is to be burnt on site.
- B6. Reserves to be free draining & to be left in a condition satisfactory to the Melton City Council works supervisor.
- B7. Where works are in the vicinity of existing services these services are to be located & the various authorities notified prior to the commencement of works.
- B8. All TBM's & control points are to be maintained & protected at all times during construction. Should any marks be disturbed, the contractor will immediately notify the consultant to arrange re-instatement at the contractors expense.
- B9. Provide painted paling fence along any boundary common to lots & municipal reserves as per Council Std. Dwg. S-706. Palings to be on the reserve side.

ROADWORKS

- C1. 100e agricultural pipe drains (MPA standard drawing EDCM 202) to be placed behind all kerb & channel & buffer pitchers & where directed by the engineer.
- C2. Filling in all properties & road reserves is to be carried out using approved clay fill. Top soil & all vegetable matter to be stripped from site prior to filling. All filling to be carried out in accordance with AS3798-2007 and the geotechnical report. Level 1 inspection and testing to be carried out in accordance with AS3798-2007 Section 8.2. A fill report must be submitted to the Consultant, showing from a NATA registered soil testing laboratory.
- C3. Importing Fill- All imported fill must be tested by a NATA approved laboratory to ensure it is suitable for use on site, & any contaminants are within accepted levels. Under no circumstances should fill material enter or leave the site without the permission of the supervising engineer & Council works supervisor, prior to it being appropriately tested. All vehicles transporting fill material to & from the site must have appropriate measures in place to ensure that material does not get onto roads & into stormwater systems & natural waterways.
- C4. Batters to be 1 in 5 for fill & 1 in 3 for cut unless noted otherwise.
- C5. Cut batters are to be grassed & mulched with a mixture of chopped grass, straw & bitumen emulsion.
- C6. Where cut batters exceed 700mm an additional 300mm berm shall be formed behind footpath.
- C7. Access ramps are to be constructed where cut batters exceed 1.0m. They are to be graded 1 in 10 for the first 2.5m from the back of path & then at a maximum of 1 in 4 to natural surface.
- C8. The water conduit offset from the lot boundary is given on the water reticulation plan. The contractor must construct conduits to accord with the given offset & ensure that the concreter marks the kerb & footpath exactly above the conduit.

- C9. Irrigation conduits are to be DN100 DWV PVC installed beneath the pavement and/or capping layer, if present. Locations are to be marked using a green dot spray painted on the top of kerb.
- C10. All footpaths are to be 125mm thick 25MPa concrete with SL72 mesh centrally located in accordance with the MPA standard drawing EDCM 401.
- C11. NBN Co to be notified seven (7) days prior to concrete works being placed.
- C12. Electrical distribution pits within footpaths are to be a minimum of 300mm within the edge of the path. Concrete is to be placed around distribution pits to a minimum depth of 200mm.
- C13. All street signs to be constructed & erected to current Melton City Council standards including logo. Court street names are to show court name only.
- C14. Traffic control signs, markings & delineators to be installed in accordance with AS1742.2. All line marking is to be long life road marking, with longitudinal lines in thermoplastic & transverse markings in cold applied.
- C15. Driveways to be constructed in accordance with the MPA standard drawings EDCM 501 & EDCM 502. Single driveways to be a minimum 3.5m wide & to be offset 0.75m from side boundary or easement unless otherwise shown.
- C16. Kerb transition to take place in the minor street over a 2.0m length from either the tangent point or TP pit.
- C17. Existing road works to be reconstructed as required to provide, without discontinuity, a connection in accordance with design levels & grades.
- C18. Provide 2.5m wide shared footpath through reserves as shown on a curvilinear alignment to the satisfaction of the engineer.
- C19. Tactile ground surface indicators (TGSi) are to be installed at all pram crossings & pedestrian cross points in accordance with AS1428.4 - 2002 & MPA standard drawing EDCM 403.

DRAINAGE

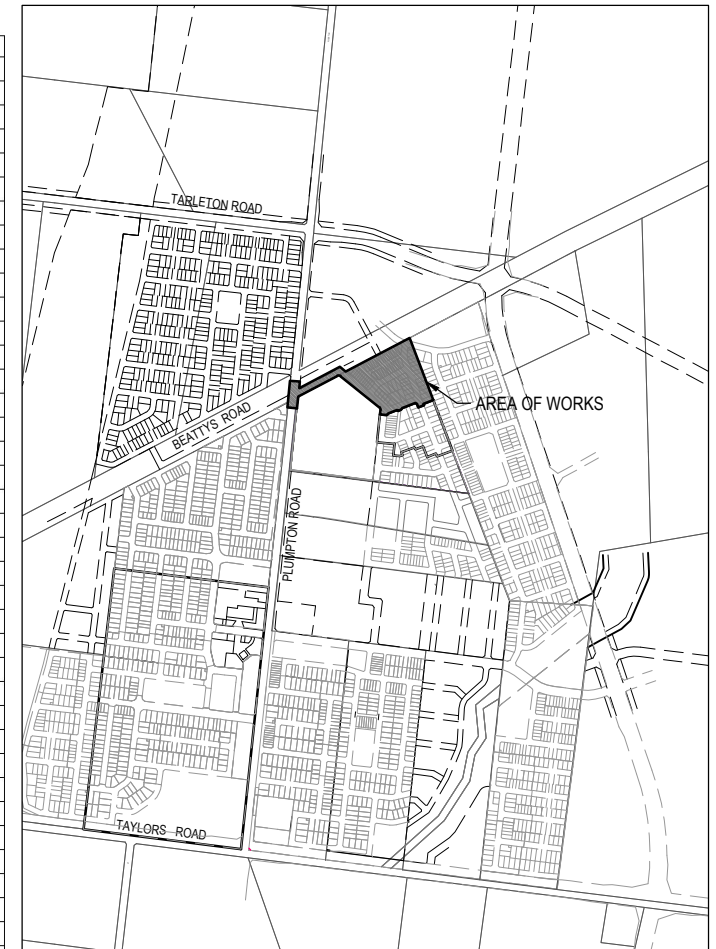
- D1. Drainage & pits to be set out from offsets shown rather than from centreline pipe chainages.
- D2. Lightweight fibreglass type pit lids are required for all drainage pits & all grates for pits are to be Class D1, to comply with AS3996 unless otherwise shown. All drainage works are to be constructed to council specifications.
- D3. All pipes up to and including 750mm in diameter shall be rubber ring jointed (RRJ). Pipes above this size may be flush jointed with external sealing bands. For pipes greater than 900mm and changes in direction between 2 connecting pipes exceeding 10° construct segmented curves using splayed pipes with bandage joints, having deflections within the manufacturer's specification.
- D4. All pipes to be Class "Z" R.C. rubber ring joint unless noted otherwise. PVC pipes to be Class SH unless specified.
- D5. Pipe trenches beneath the road pavement, footpath or within 150mm of the kerb & channel to be backfilled with 20mm Class 3 FCR in 150mm layers.
- D6. Property inlets to be constructed as per MPA standard drawing EDCM 701 - EDCM 704.
- D7. All proposed drainage stubs to be blanked off at end of pipe with timber planks to the satisfaction of the supervising engineer.

PAVEMENT

- E1. Modification of the pavement requires approval by the Melton City Council works supervisor.

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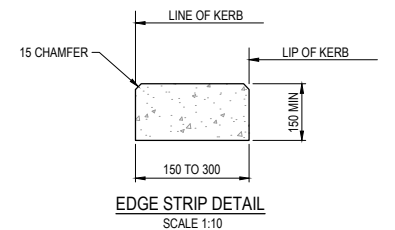
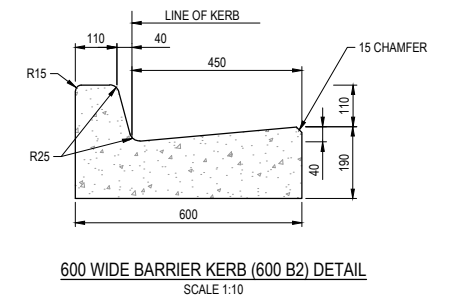
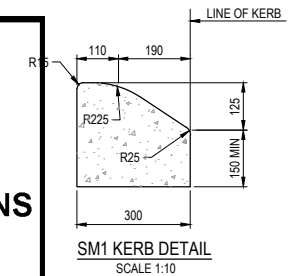
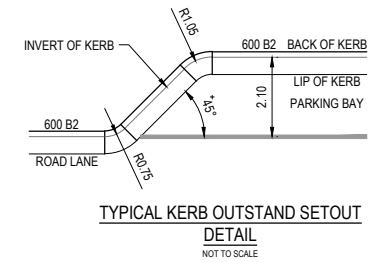
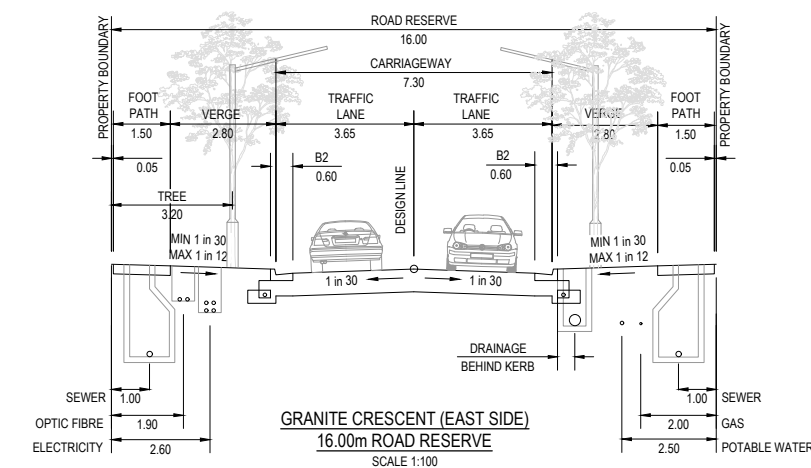
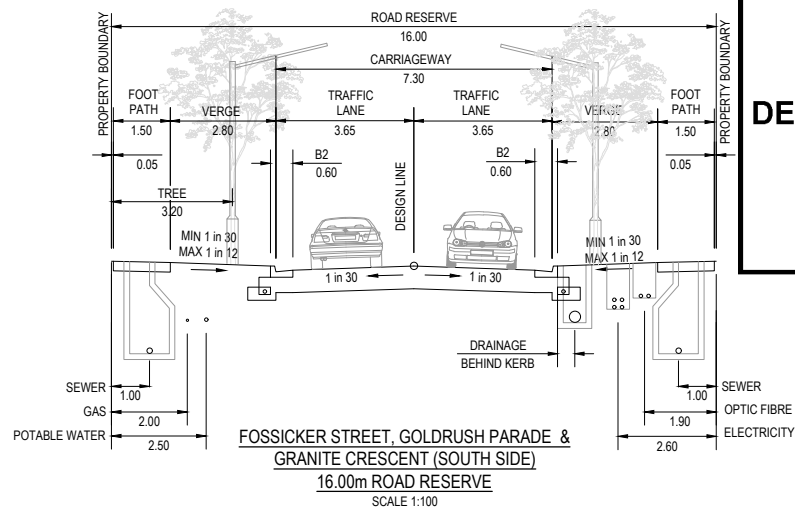
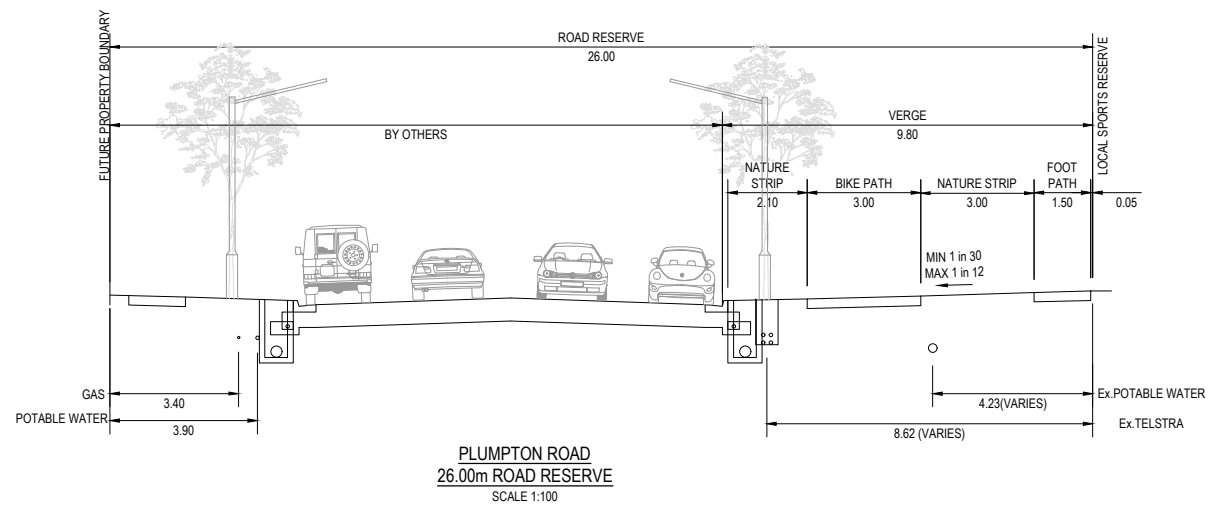
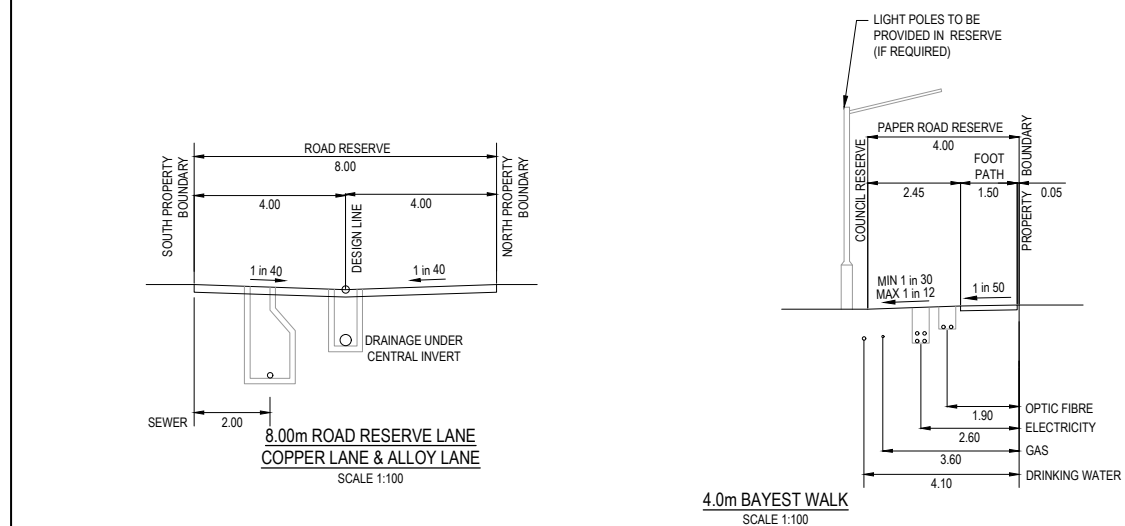
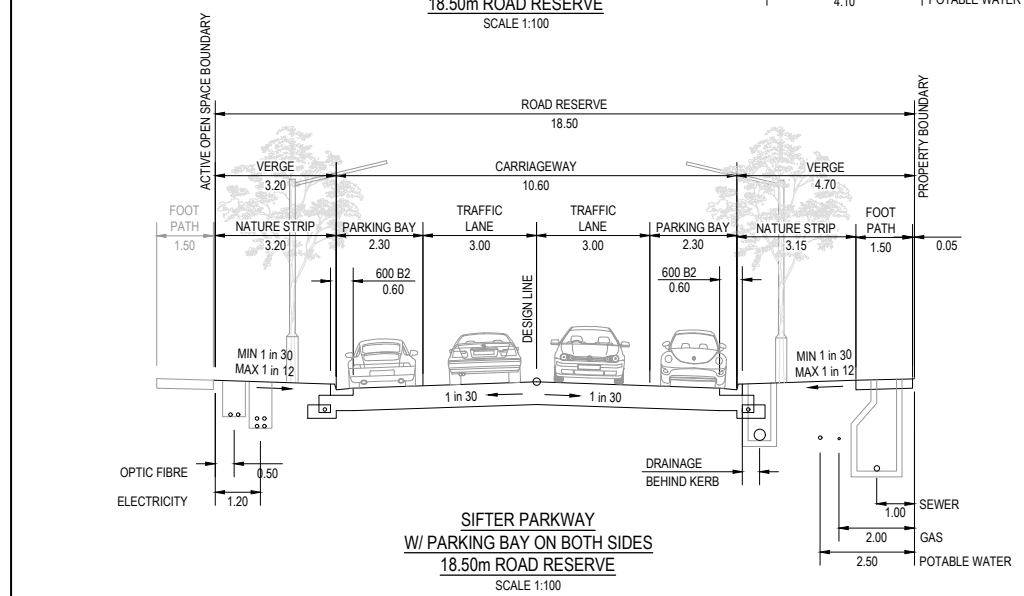
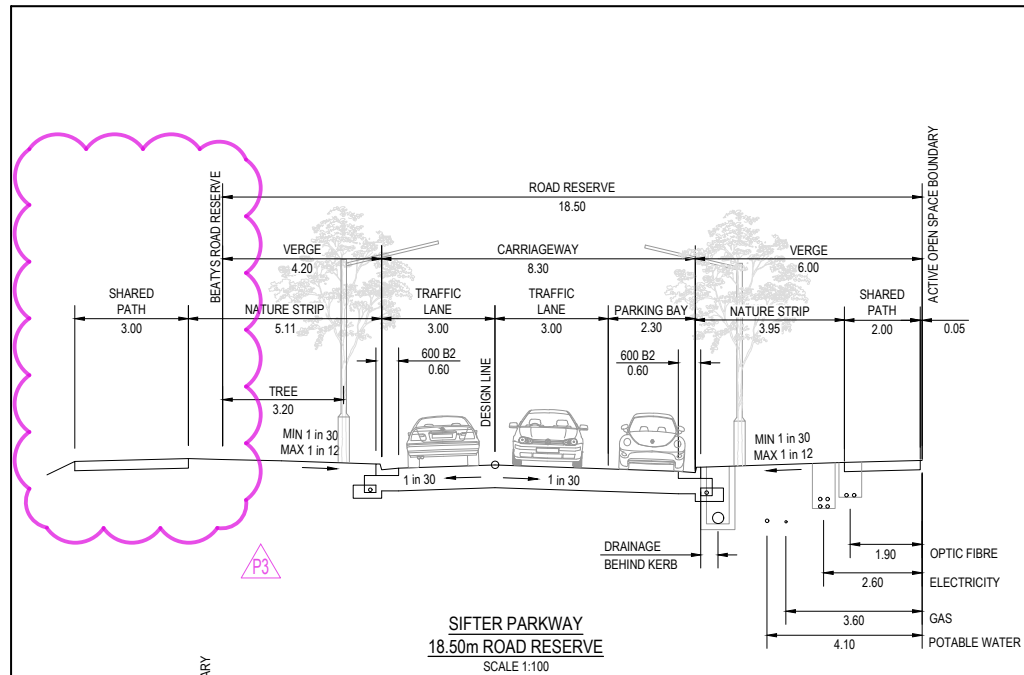
SITE PLAN

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MELWAY REF: 355 G3

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<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DRN.</th> <th>APP.</th> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DRN.</th> <th>APP.</th> </tr> </thead> <tbody> <tr> <td>P5</td> <td>DRIVEWAY LOT 160 AMENDED</td> <td>30.11.22</td> <td>JM</td> <td>JM</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>P4</td> <td>COUNCIL COMMENTS ADDRESSED</td> <td>16.09.22</td> <td>LS</td> <td>SY</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>P3</td> <td>FENCING NOTES ADDED</td> <td>31.08.22</td> <td>JM</td> <td>JM</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>P2</td> <td>AMENDMENTS FOLLOWING COUNCIL COMMENTS</td> <td>19.07.22</td> <td>JM</td> <td>JM</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>P1</td> <td>ISSUED FOR INFORMATION</td> <td>08.04.22</td> <td>LS</td> <td>JM</td> <td>P6</td> <td>ROAD INTERFACES AMENDED</td> <td>23.05.24</td> <td>NG</td> <td>NG</td> </tr> </tbody> </table>		REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.	P5	DRIVEWAY LOT 160 AMENDED	30.11.22	JM	JM						P4	COUNCIL COMMENTS ADDRESSED	16.09.22	LS	SY						P3	FENCING NOTES ADDED	31.08.22	JM	JM						P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM						P1	ISSUED FOR INFORMATION	08.04.22	LS	JM	P6	ROAD INTERFACES AMENDED	23.05.24	NG	NG	Project Ref 1801127 Stage No 01 Drawing No 001 Rev P6	
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CITY OF MELTON

**APPROVED
DETAILED ENGINEERING PLANS**

**Nihal Jayasekara
ENGINEERING SERVICES**

Date: 31/05/2024

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P3	ROAD INTERFACE UPDATES	23.05.24	NG	NG					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					

DESIGNED	DATE	DRAWN	CHECKED	DATE	APPROVED	DATE	PS NUMBER
K. LIM WAN	04.04.2022	L. SUTHERLAND	J. MONGAN	05.04.2022	J. MONGAN	05.04.2022	PS842547E

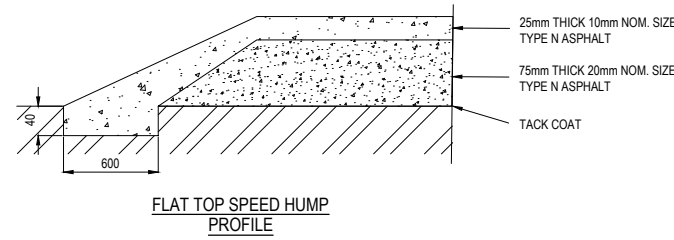
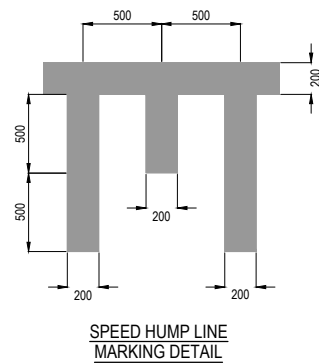
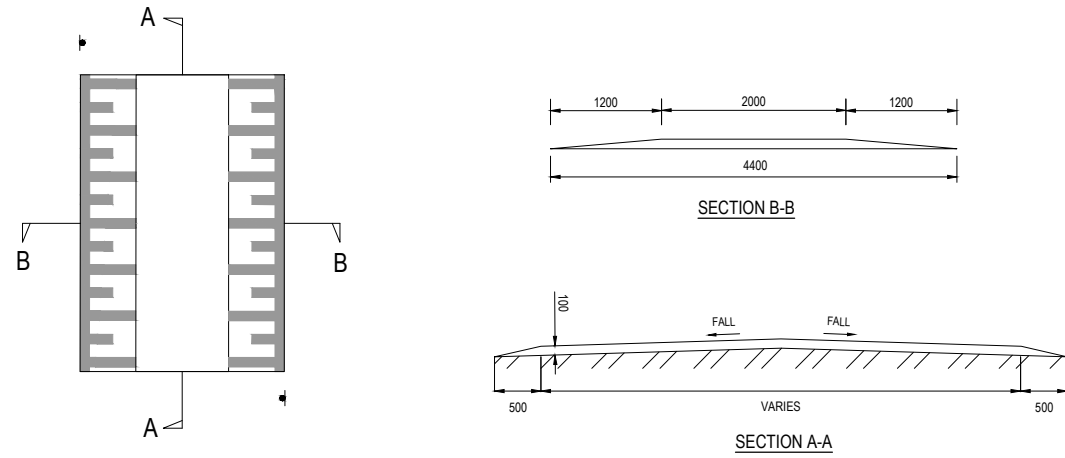
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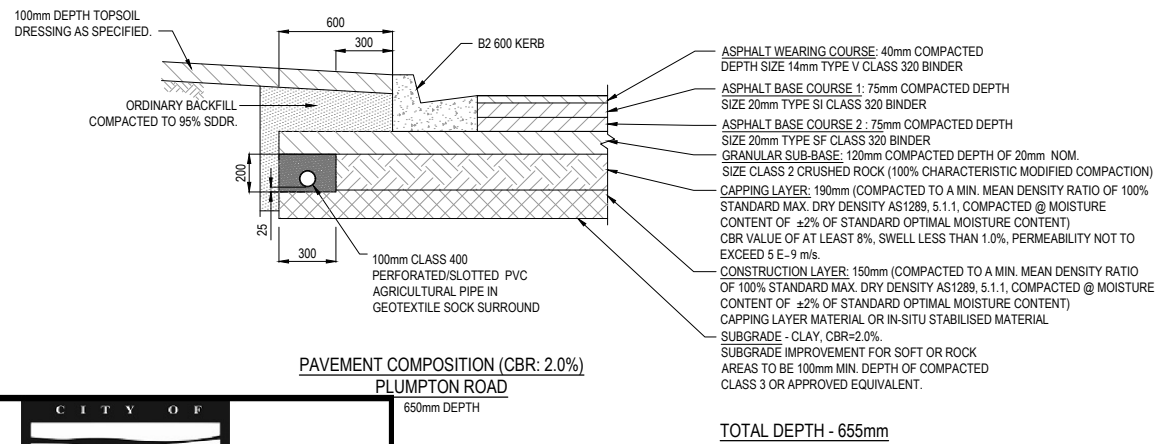
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Project Ref	1801127
Stage No	01
Drawing No	002
Rev	P3

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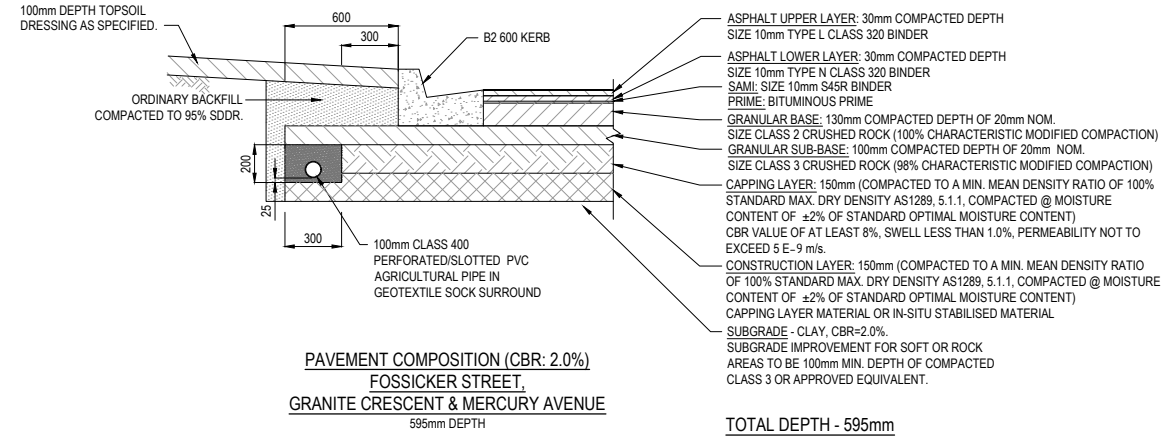
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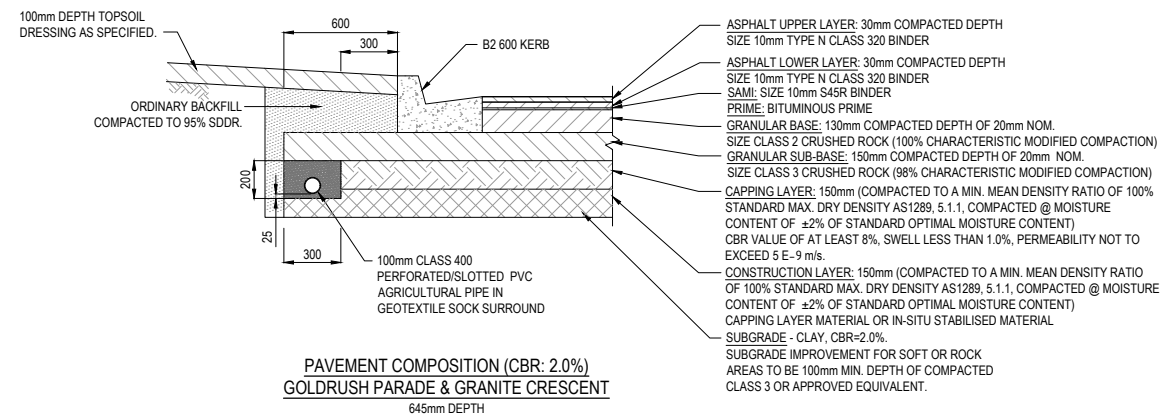
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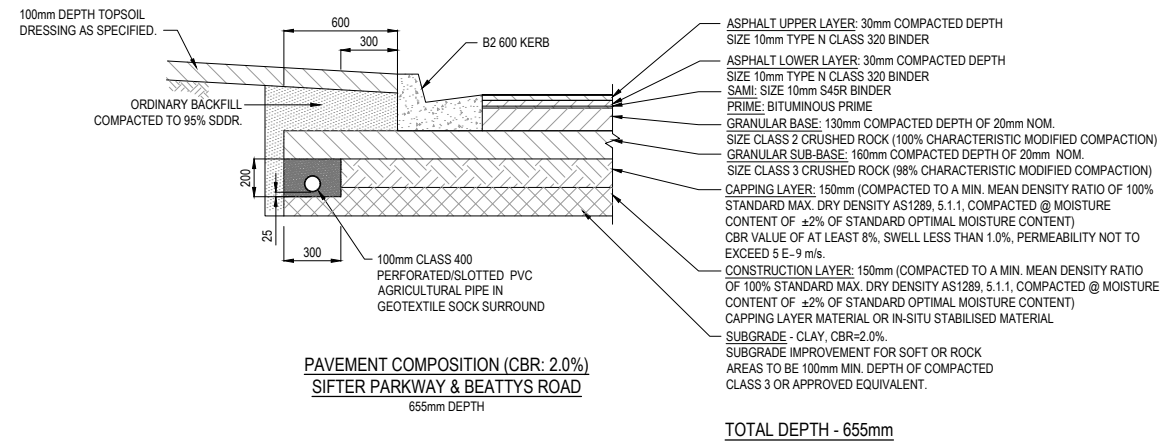
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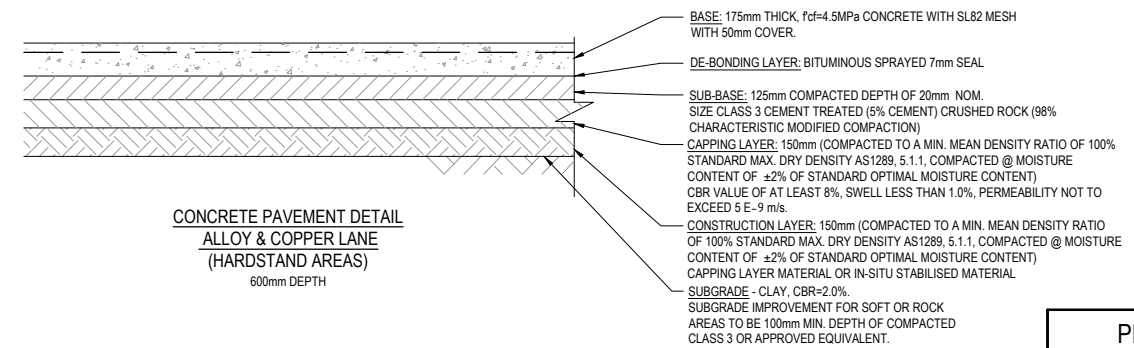
TOTAL DEPTH - 595mm



TOTAL DEPTH - 645mm



TOTAL DEPTH - 655mm



CONCRETE PAVEMENT DETAIL
ALLOY & COPPER LANE
(HARDSTAND AREAS)
600mm DEPTH

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P3	PAVEMENT DETAILS AMENDED	31.08.22	JM	JM					
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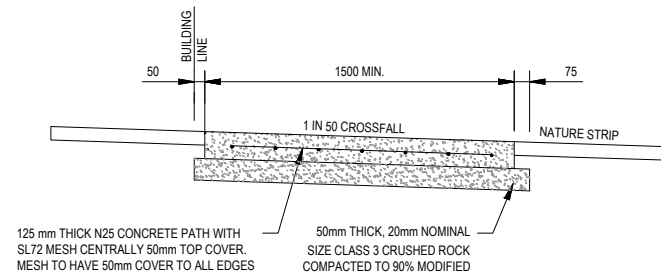
Designed: K. LIM WAN
Date: 04.04.2022
Drawn: L. SUTHERLAND
Checked: J. MONGAN
Date: 05.04.2022
Approved: J. MONGAN
Reg. No.: PE0005496
Date: 05.04.2022
PS Number: PS842547E

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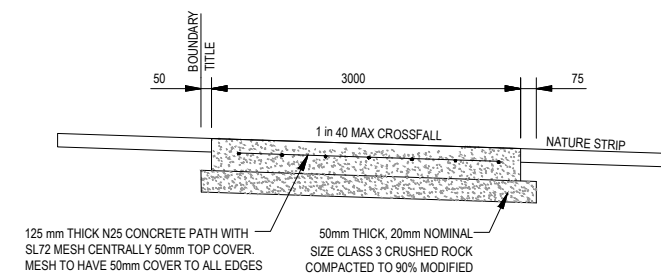
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Stage: STAGE 01
MELTON CITY COUNCIL

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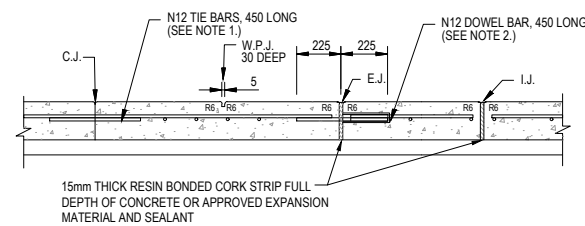
Sheet	03 of 55
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Stage No	01
Drawing No	003
Rev	P3



TYPICAL RESIDENTIAL FOOTPATH CROSS SECTION



TYPICAL SHARED PATH CROSS SECTION
NOT TO SCALE

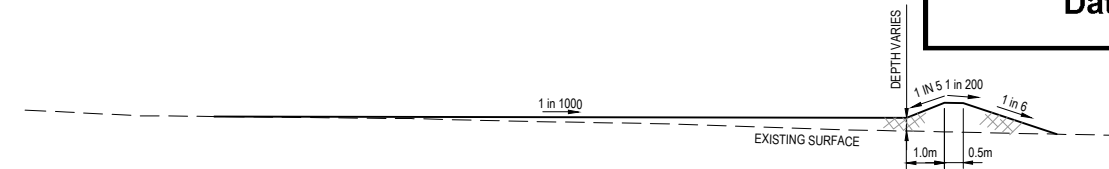


CONSTRUCTION JOINT (C.J.) (NOTE 1)
CONTROL JOINT / WEAKENED PLANE JOINT (W.P.J.) (NOTE 4)
EXPANSION JOINT (E.J.) (NOTE 2)
ISOLATION JOINT (I.J.)

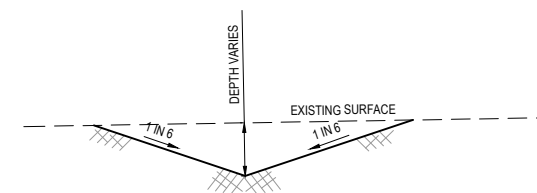
CONCRETE JOINT DETAILS

CONCRETE NOTES:

- TIE BARS TO BE INSTALLED AT 400 MAXIMUM CENTRES COMMENCING 150 FROM EDGE.
- DOWEL BARS TO BE INSTALLED AT 400 CENTRES COMMENCING AT A MINIMUM OF 100 AND A MAXIMUM OF 200 FROM THE EDGE OF PATH. 16 DIAMETER PVC SLEEVE WITH END CAP OR CLOSED END TO BE FITTED TO ONE END OF THE BAR. DOWEL BARS TO BE SECURELY TIED TO LONGITUDINAL REINFORCING MESH.
- EXPANSION JOINTS (E.J.) LOCATED BOTH SIDE OF VEHICLE CROSSING AND AT A MAXIMUM OF 12000 CENTRES.
- WEAKENED PLANE JOINTS LOCATED AT SPACINGS EQUAL TO THE WIDTH OF THE PATH AND MADE WITH A 'T' IRON OR CONCRETE SAW CUT.
- IN SHARED PATHS WEAKENED PLANE JOINTS MUST BE MADE BY CONCRETE SAW CUTTING.
- CONCRETE TO BE LIGHT BROOM FINISH WITH EDGE AND JOINTS NEATLY TOOLED AFTER THE BROOM IS APPLIED.
- ALL FINISHED SURFACES TO COMPLY WITH AS 4586 SLIP RESISTANT CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIAL.
- THE USE OF COLOURED CONCRETE MUST BE APPROVED BY COUNCIL. MINIMUM STRENGTH OF COLOURED CONCRETE TO BE 32 MPa.
- FORMWORK TIMBER TO BE MIN. 125mm DEEP.
- ALL DIMENSIONS IN MILLIMETRES.
- SHARED PATHS TO BE 3.0m IN WIDTH MINIMUM. REFER TO APPROVED CONSTRUCTION PLANS FOR ACTUAL WIDTH.

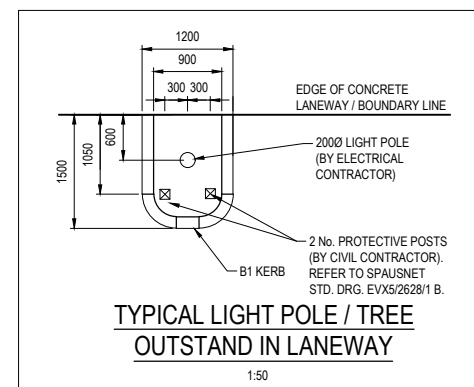


TYPICAL SECTION OF TEMPORARY SWALE A
N.T.S.

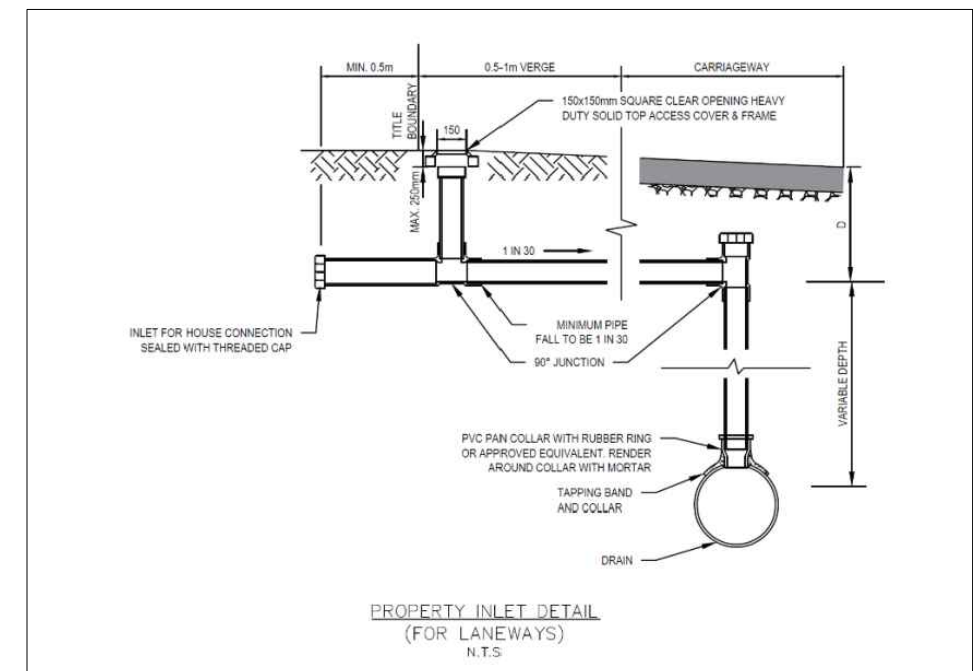


TYPICAL SECTION OF TEMPORARY SWALE B
N.T.S.

NOTE:
MINIMUM LONGITUDINAL GRADE OF 1 IN 300.
TEMPORARY SWALE TO BE CONSTRUCTED WITH ENVIRONMENTAL CONTROLS, SAFE BATTERS & FENCING, IF REQUIRED.



TYPICAL LIGHT POLE / TREE
OUTSTAND IN LANEWAY
1:50



PROPERTY INLET DETAIL
(FOR LANEWAYS)
N.T.S.

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P3	PROPERTY INLET DETAIL ADDED	16.09.22	LS	SY					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					

Designed K. LIM WAN
Date 04.04.2022
Drawn L.SUTHERLAND
Checked J.MONGAN
Date 05.04.2022
Approved J.MONGAN
Reg. No. PE0005496
Date 05.04.2022
PS Number PS842547E

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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL
Drawing Title
CONCRETE, SWALE

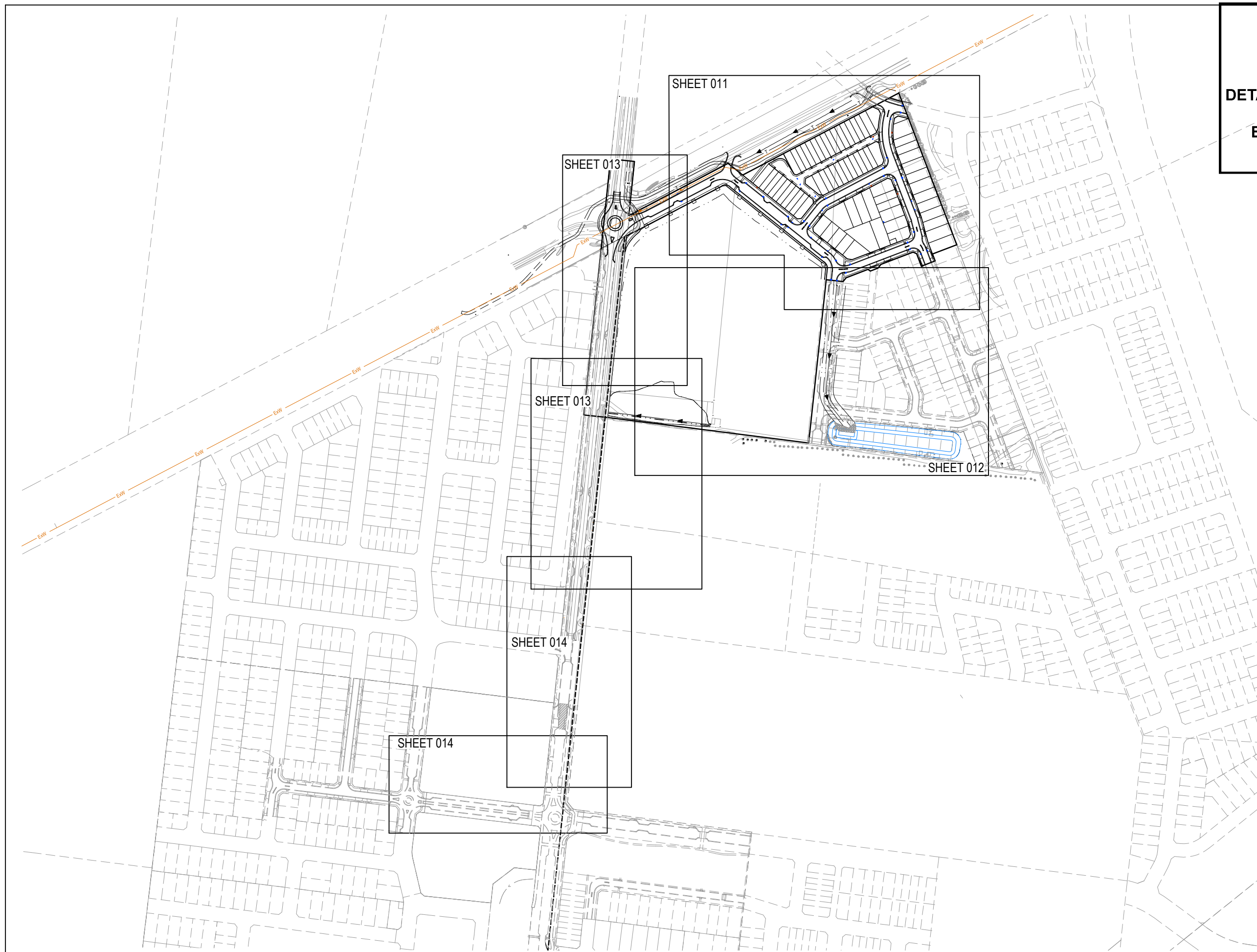
Sheet 04 of 55

Scale
NOT TO SCALE

Project Ref Stage No Drawing No Rev
1801127 01 004 P3



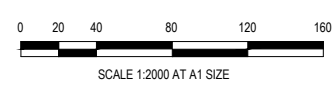
APPROVED
DETAILED ENGINEERING PLANS
 Nihal Jayasekara
 ENGINEERING SERVICES
 Date: 31/05/2024



WARNING
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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION
P3	LIMIT OF WORKS AMENDED	30.11.22	JM	JM		
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM		
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM		



Designed K. LIM WAN
 Date 04.04.2022
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Project Details
 PARKGLEN
 STAGE 01
 MELTON CITY COUNCIL

Drawing Title
 OVERALL LAYOUT PLAN

Sheet 05 of 55

Scale
 1:2000 @ A1



Project Ref	Stage No	Drawing No	Rev
1801127	01	010	P3

FOR CONTINUATION SEE SHEET 1801127-01-013



LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- SERVICE CONDUITS
- TACTILE PAVERS (INDICATIVE ONLY)
- ELECTRICITY (UNDERGROUND)
- ELECTRICITY (OVERHEAD)
- OPTIC FIBRE
- TELECOMMUNICATIONS
- GAS
- WATER
- RECYCLED WATER
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELECOMMUNICATIONS
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN
- EXISTING SURFACE LEVEL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- RIDGE LINE
- RETAINING WALL
- ZERO LOT LINES
- PAVEMENT TREATMENT
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- DIRECTION OF FALL
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY
- TREE PROTECTION ZONE (TPZ)

CITY OF MELTON

APPROVED DETAILED ENGINEERING PLANS

Nihal Jayasekara
ENGINEERING SERVICES

Date: 31/05/2024

SERVICE OFFSET TABLE

Location	Gas		Water		Electricity		Telecommunication		Sewer	
	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)
SIFTER PARKWAY (E-W)	SOUTH	3.60	SOUTH	4.10	SOUTH	2.60	SOUTH	1.90	-	-
SIFTER PARKWAY (N-S)	EAST	2.00	EAST	2.50	WEST	1.20	WEST	0.50	EAST	1.00
FOSSICKER STREET	NORTH	2.00	NORTH	2.50	SOUTH	2.60	SOUTH	1.90	& S	1.00
ALLOY LANE	-	-	-	-	-	-	-	-	EAST	1.00
COPPER LANE	-	-	-	-	-	-	-	-	NORTH	2.00
GRANITE CRESCENT (N-S)	EAST	2.00	EAST	2.50	WEST	2.60	WEST	1.90	& W	1.00
GRANITE CRESCENT (E-W)	NORTH	2.00	NORTH	2.50	SOUTH	2.60	SOUTH	1.90	& S	1.00
MERCURY AVENUE	EAST	2.00	EAST	2.50	WEST	2.60	WEST	1.90	-	-
BAYEST WALK	SOUTH	3.60	SOUTH	4.10	SOUTH	2.60	SOUTH	1.90	-	-
GOLDRUSH PARADE	SOUTH	2.00	SOUTH	2.50	NORTH	2.60	NORTH	1.90	-	-
PLUMPTON ROAD (26.0m)	WEST	3.00	WEST	3.50	WEST	2.10	WEST	1.25	-	-
			EAST	Ex. 2.10	WEST	Ex. 2.10	EAST	Ex. 2.70 - 3.10		

NOTE: STREET TREES ARE TO BE PLANTED IN THE CENTRE OF ALL NATURE STRIPS

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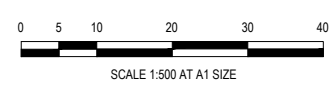
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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P5	DRIVEWAY LOT 160 AMENDED	30.11.22	JM	JM					
P4	COUNCIL COMMENTS ADDRESSED	16.09.22	LS	SY					
P3	FENCING NOTES ADDED	31.08.22	JM	JM					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM	P6	GOLDRUSH EXTENDED AND SHARED PATH	23.05.24	NG	NG

FOR CONTINUATION SEE SHEET 1801127-01-012



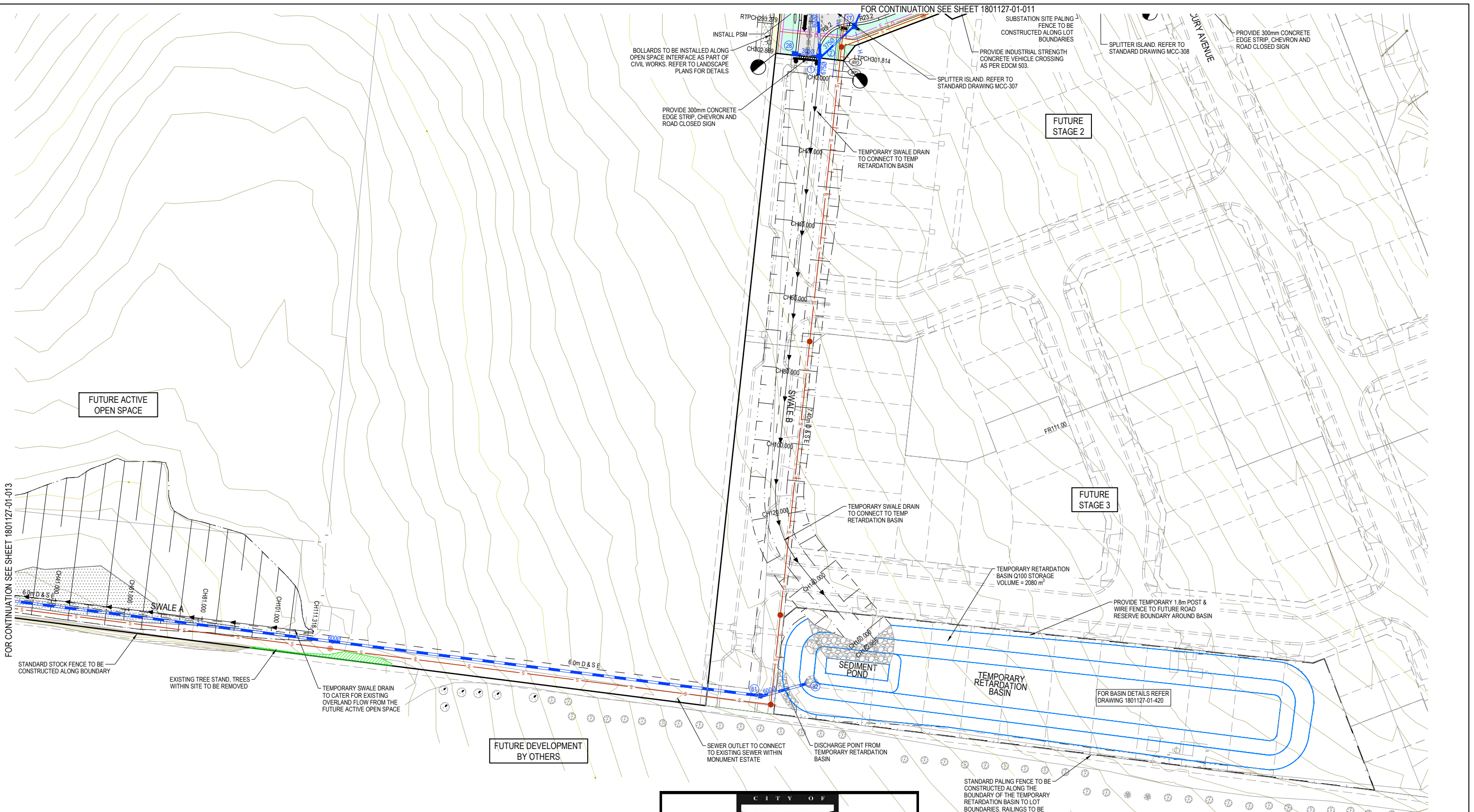
Designed: K. LIM WAN
Date: 04.04.2022
Drawn: L.SUTHERLAND
Checked: J.MONGAN
Date: 05.04.2022
Approved: J.MONGAN
Reg. No. PE2009498
Date: 05.04.2022
PS Number: PS842547E

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Project: PARKGLEN STAGE 01 MELTON CITY COUNCIL
Drawing Title: LAYOUT PLAN (SHEET 1 OF 4)

Sheet: 06 of 55
Scale: 1:500 @ A1

Project Ref: 1801127
Stage No: 01
Drawing No: 011
Rev: P6



FOR CONTINUATION SEE SHEET 1801127-01-013

FOR CONTINUATION SEE SHEET 1801127-01-011

FUTURE ACTIVE OPEN SPACE

FUTURE STAGE 2

FUTURE STAGE 3

FUTURE DEVELOPMENT BY OTHERS

LEGEND - LAYOUT PLAN		EXISTING SURFACE LEVEL		DIRECTION OF FALL	
	STORMWATER DRAIN, PIT & PROPERTY INLET	141.34	EXISTING SURFACE LEVEL		DIRECTION OF FALL
	MELBOURNE WATER DRAIN & PIT	FS140.35	FINISHED BUILDING LINE LEVEL		OVERLAND FLOW
	SWALE DRAIN	FR157.40	FINISHED RIDGE LINE LEVEL		ALLOTMENT TO BE GRADED EVENLY IN
	SEWER & MAINTENANCE STRUCTURES	TW159.30	TOP OF RETAINING WALL		DIRECTION OF FALL TO LEVELS INDICATED
	HOUSE DRAIN	BW159.30	BOTTOM OF RETAINING WALL		CONCRETE EDGE STRIP WITH SUBSOIL DRAIN,
	SERVICE CONDUITS		RIDGE LINE		"NO ROAD" SIGN & BARRIER
	ELECTRICITY (UNDERGROUND)		RETAINING WALL		LIMIT OF WORKS
	ELECTRICITY (OVERHEAD)		ZERO LOT LINES		EXISTING TREE TO BE REMOVED
	OPTIC FIBRE		PAVEMENT TREATMENT		PERMANENT SURVEY MARK
	TELECOMMUNICATIONS		STRUCTURAL FILL > 200mm DEEP		TEMPORARY BENCH MARK
	GAS		EX. STRUCTURAL FILL > 200mm DEEP		PROPOSED DRIVEWAY
	WATER				TREE PROTECTION ZONE (TPZ)
	RECYCLED WATER				

APPROVED
DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024

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P5	SEWER & DRAINAGE ALIGNMENT IN AOS AMENDED	09.03.23	JM	JM					
P4	COUNCIL COMMENTS ADDRESSED	16.09.22	LS	SY					
P3	FENCING NOTES ADDED	31.08.22	JM	JM					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed K. LIM WAN 04.04.2022
 Date 04.04.2022
 Drawn L.SUTHERLAND
 Checked J.MONGAN 05.04.2022
 Date 05.04.2022
 Approved J.MONGAN PE2003496
 Reg. No. PE2003496
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 PS Number PS842547E

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Project Details
PARKGLEN STAGE 01
MELTON CITY COUNCIL

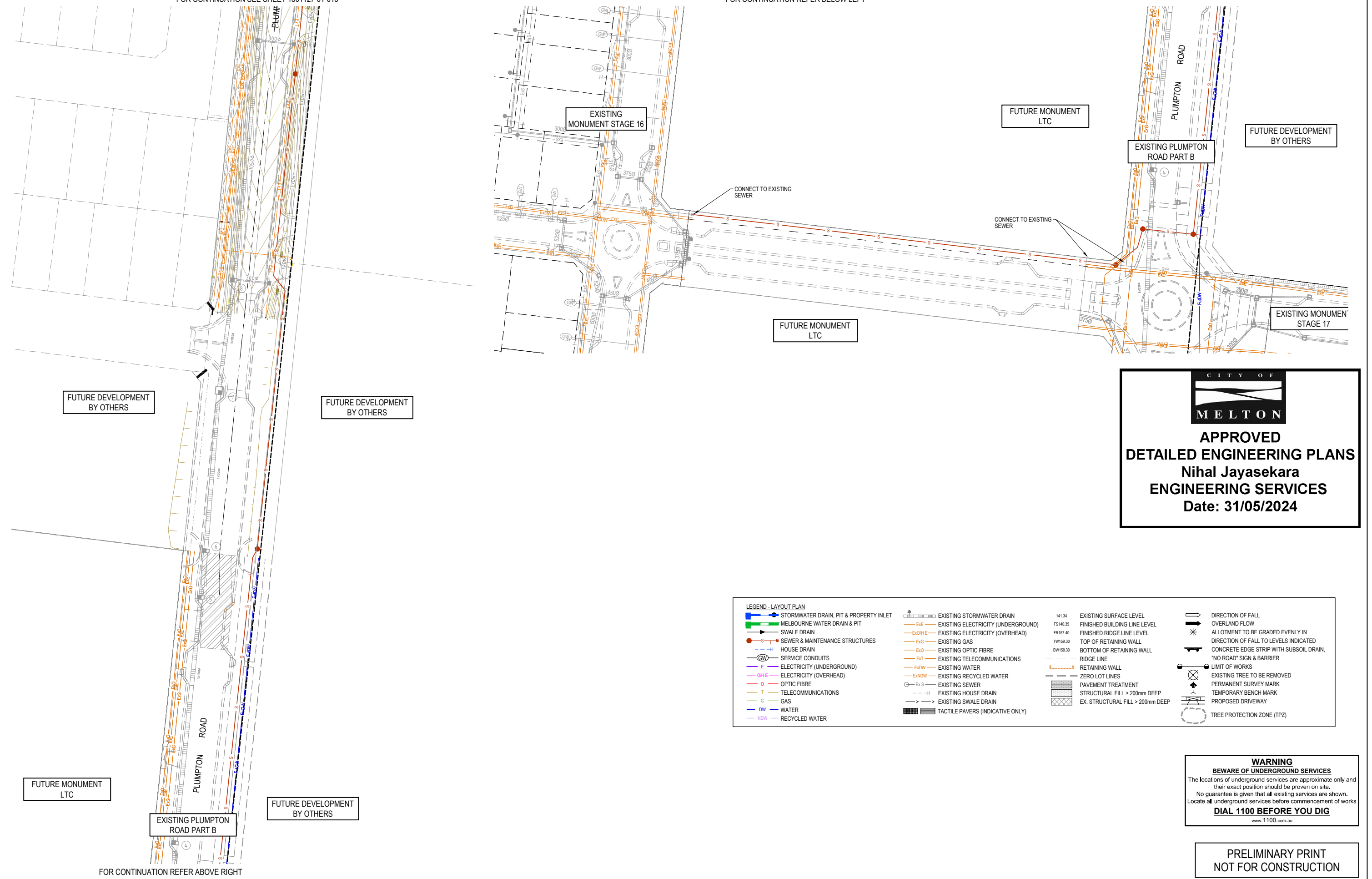
Drawing Title
LAYOUT PLAN (SHEET 2 OF 4)


Sheet 07 of 55
 Scale 1:500 @ A1
 Project Ref 1801127 Stage No 01 Drawing No 012 Rev P5

K:\Jobs Data\1801127 - Parkglen, 1241 Plumpton Rd, Eng\Stage 1\Drawings\1801127-01-010-LAY.dwg

FOR CONTINUATION SEE SHEET 1801127-01-013

FOR CONTINUATION REFER BELOW LEFT



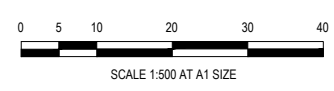

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DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024

LEGEND - LAYOUT PLAN	
	STORMWATER DRAIN, PIT & PROPERTY INLET
	MELBOURNE WATER DRAIN & PIT
	SWALE DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	SERVICE CONDUITS
	ELECTRICITY (UNDERGROUND)
	ELECTRICITY (OVERHEAD)
	OPTIC FIBRE
	WATER
	RECYCLED WATER
	EXISTING STORMWATER DRAIN
	EXISTING ELECTRICITY (UNDERGROUND)
	EXISTING ELECTRICITY (OVERHEAD)
	EXISTING GAS
	EXISTING OPTIC FIBRE
	EXISTING WATER
	EXISTING TELECOMMUNICATIONS
	EXISTING RECYCLED WATER
	EXISTING SEWER
	EXISTING HOUSE DRAIN
	EXISTING SWALE DRAIN
	TACTILE PAVERS (INDICATIVE ONLY)
	EXISTING SURFACE LEVEL
	FINISHED BUILDING LINE LEVEL
	FINISHED RIDGE LINE LEVEL
	TOP OF RETAINING WALL
	BOTTOM OF RETAINING WALL
	RIDGE LINE
	RETAINING WALL
	ZERO LOT LINES
	PAVEMENT TREATMENT
	STRUCTURAL FILL > 200mm DEEP
	EX. STRUCTURAL FILL > 200mm DEEP
	DIRECTION OF FALL
	OVERLAND FLOW
	ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
	CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
	LIMIT OF WORKS
	EXISTING TREE TO BE REMOVED
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY
	TREE PROTECTION ZONE (TPZ)

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P3	COUNCIL COMMENTS ADDRESSED	16.09.22	LS	SY					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



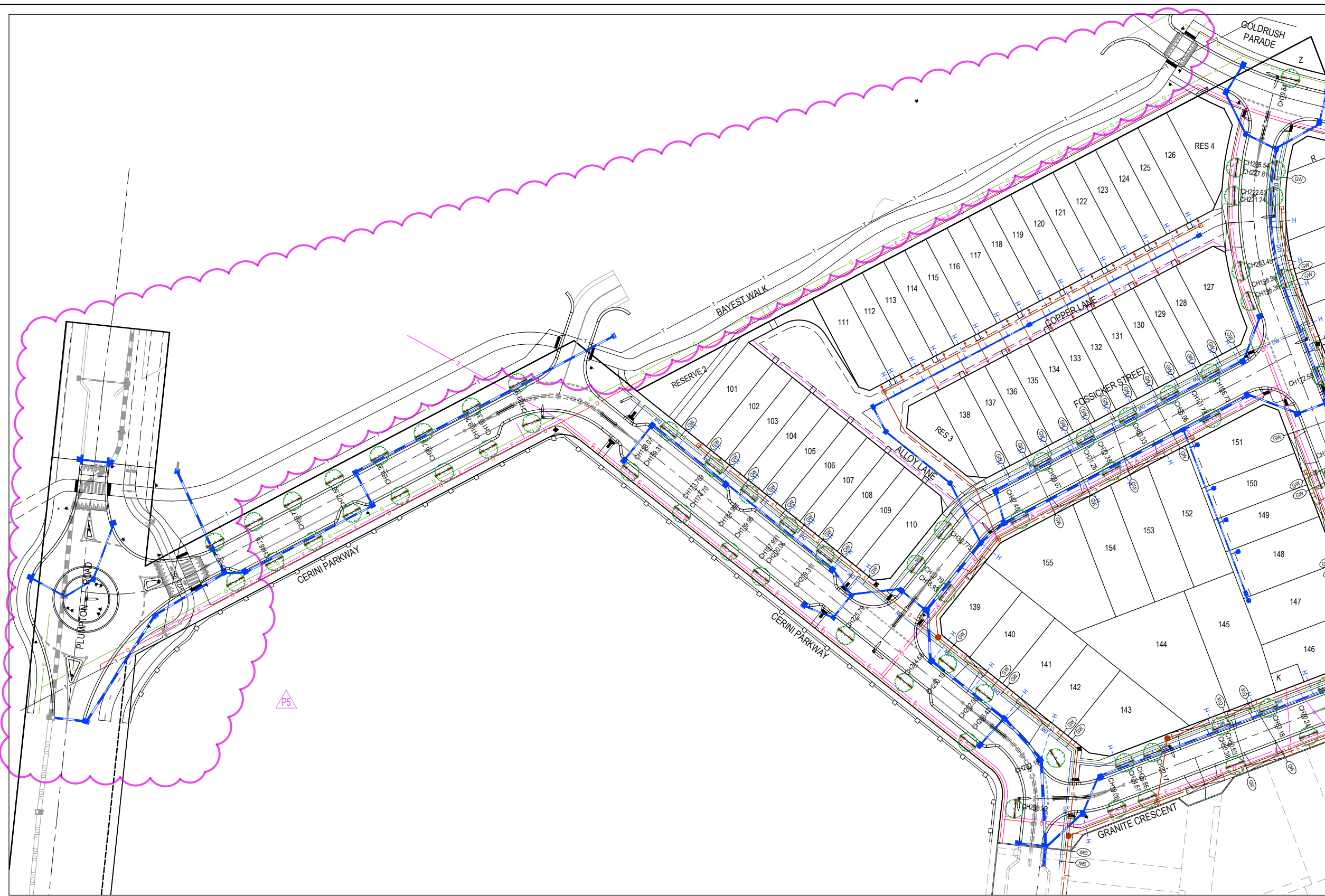
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 Reg. No.: PE0005498
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Project: PARKGLEN STAGE 01
 MELTON CITY COUNCIL
 Drawing Title: LAYOUT PLAN (SHEET 4 OF 4)

Sheet 09 of 55
 Scale: 1:500 @ A1
 Project Ref: 1801127
 Stage No: 01
 Drawing No: 014
 Rev: P3

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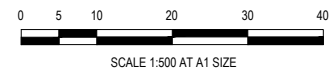
- LEGEND - LAYOUT PLAN**
- STORMWATER DRAIN, PIT & PROPERTY INLET
 - MELBOURNE WATER DRAIN & PIT
 - SWALE DRAIN
 - SEWER & MAINTENANCE STRUCTURES
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 - GAS
 - WATER
 - RECYCLED WATER
 - EXISTING ELECTRICITY (UNDERGROUND)
 - EXISTING ELECTRICITY (OVERHEAD)
 - EXISTING GAS
 - EXISTING OPTIC FIBRE
 - EXISTING TELECOMMUNICATIONS
 - EXISTING WATER
 - EXISTING RECYCLED WATER
 - EXISTING STORMWATER DRAIN
 - EXISTING SEWER
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 - PAVEMENT TREATMENT
 - STRUCTURAL FILL > 200mm DEEP
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 - TEMPORARY BENCH MARK
 - PROPOSED DRIVEWAY
 - TREE PROTECTION ZONE (TPZ)
 - PASSIVE STREET TREE IRRIGATION


APPROVED
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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P5	ROAD INTERFACE UPDATES	23.05.24	NG	NG					
P4	TREES UPDATED TO MATCH LANDSCAPE PLANS	30.11.22	JM	JM					
P3	COUNCIL COMMENTS ADDRESSED	16.09.22	LS	SY					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



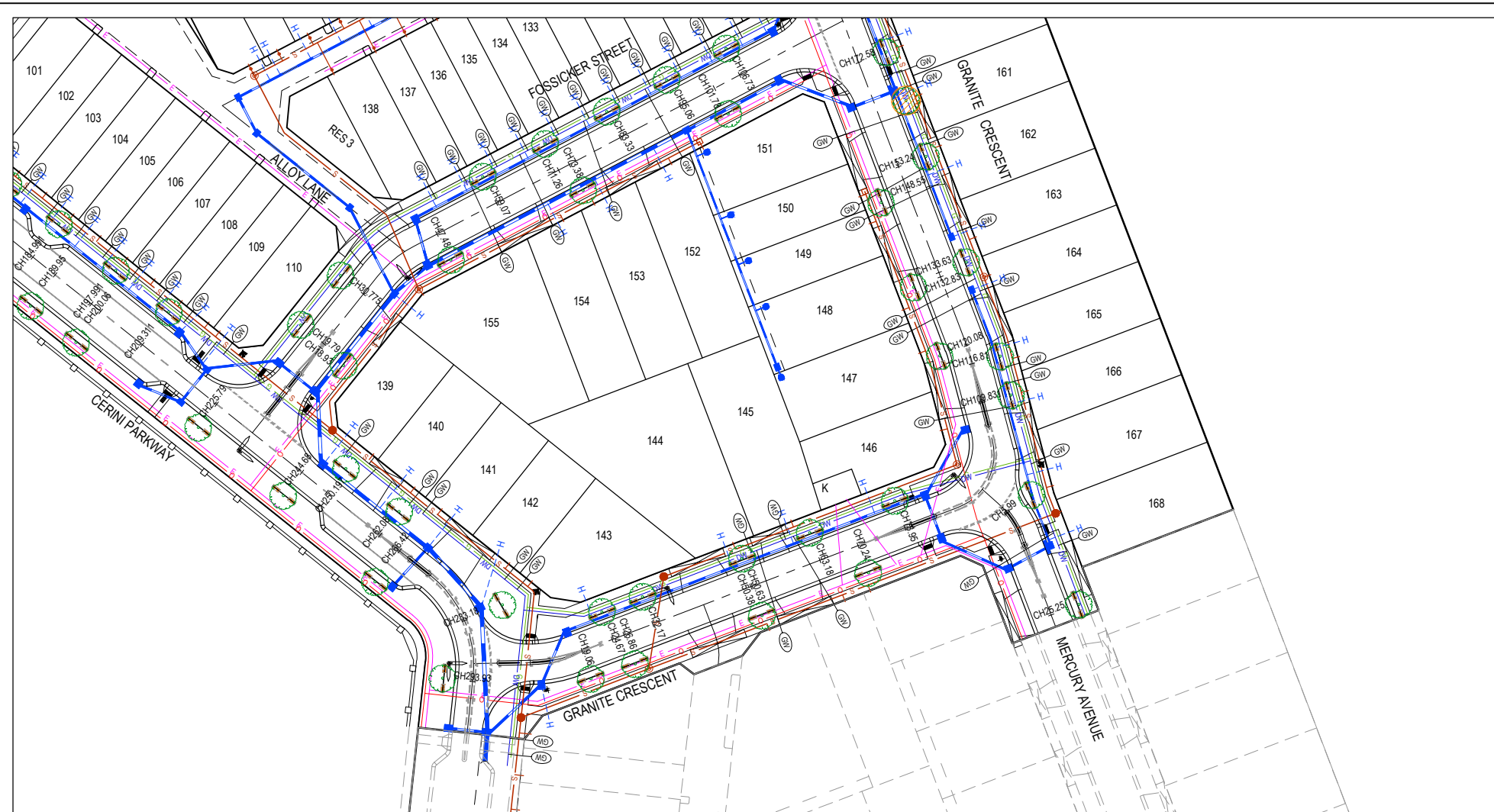
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 Checked: J.MONGAN
 Date: 05.04.2022
 Approved: J.MONGAN
 Reg. No.: PE0009496
 Date: 05.04.2022
 PS Number: PS842547E


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Project: PARKGLEN
 Stage: STAGE 01
 Client: MELTON CITY COUNCIL
 Drawing Title: INTERGRATED WATER MANAGEMENT PLAN
 (SHEET 1 OF 2)

Sheet 10 of 55
 Scale: 1:500 @ A1
 Project Ref: 1801127
 Stage No: 01
 Drawing No: 015
 Rev: P5

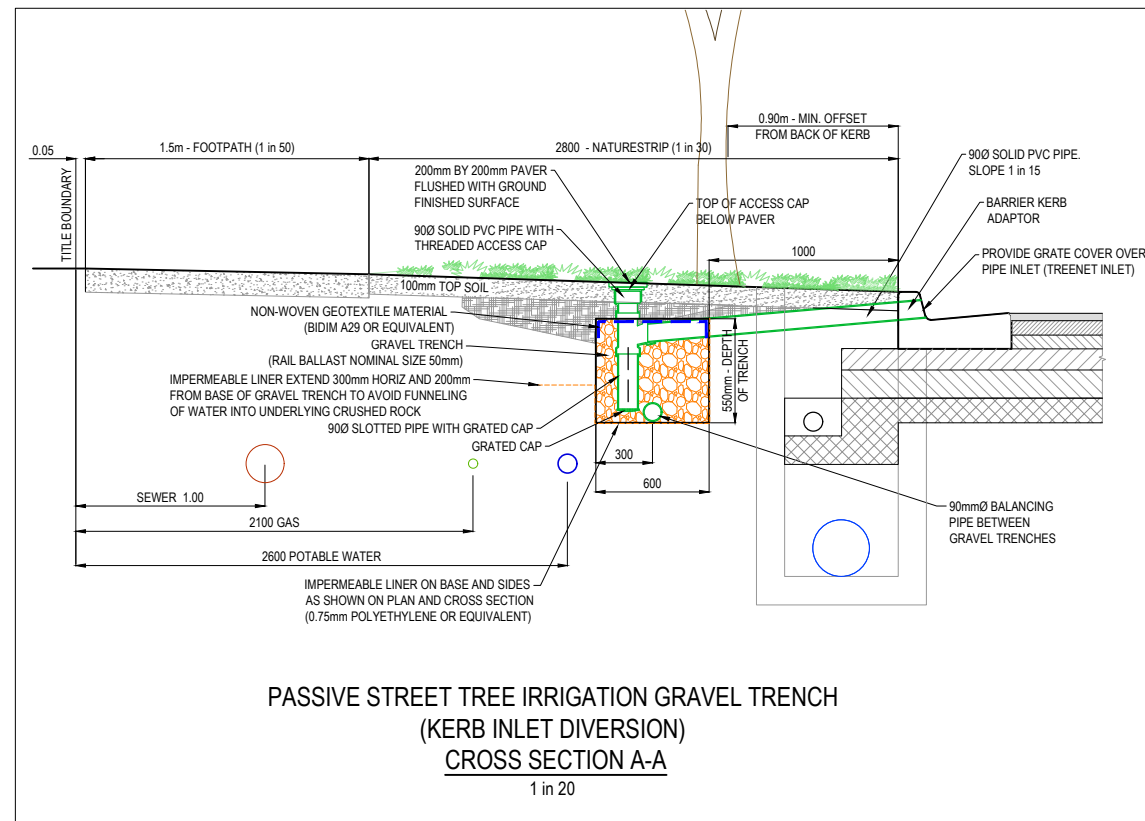
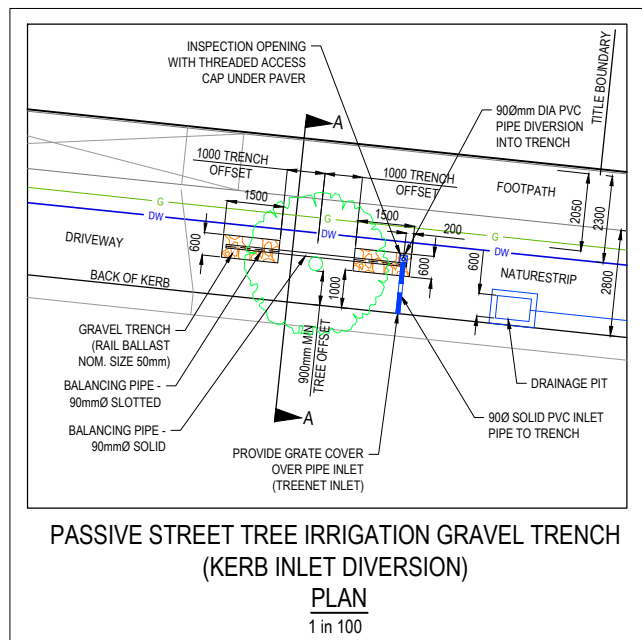
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ENGINEERING SERVICES
Date: 31/05/2024

LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- SERVICE CONDUITS
- TACTILE PAVERS (INDICATIVE ONLY)
- ELECTRICITY (UNDERGROUND)
- ELECTRICITY (OVERHEAD)
- OPTIC FIBRE
- TELECOMMUNICATIONS
- GAS
- WATER
- RECYCLED WATER
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELECOMMUNICATIONS
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN
- EXISTING SURFACE LEVEL
- FINISHED BUILDING LINE LEVEL
- FINISHED RIDGE LINE LEVEL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- RIDGE LINE
- RETAINING WALL
- ZERO LOT LINES
- PAVEMENT TREATMENT
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- DIRECTION OF FLOW
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN
- "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY
- TREE PROTECTION ZONE (TPZ)
- PASSIVE STREET TREE IRRIGATION



NATURESTRIP WIDTH (m)	GRAVEL TRENCH OFFSET FROM BACK OF KERB (mm)
≤ 2.50	700
2.80	800
≥ 4.35	1000

GENERAL NOTES

- AT HIGHLY CONSTRAINED SITES, GRAVEL TRENCHES CAN BE MODIFIED IN THE FOLLOWING WAYS:
 - REDUCED OFFSET OF 0.75m FROM TREE CENTRELINE
 - DIMENSION 1.0m LONG x 0.6m WIDE x 0.75m DEEP
 - NATURESTRIP ≤ 2.5m DIMENSION CAN BE 1.5m LONG x 0.4m WIDE x 0.75m DEEP

NOTE:

- FOR PASSIVE STREET TREE IRRIGATION DETAIL REFER TO MELTON CITY COUNCIL STANDARD DRAWING. PASSIVE STREET TREE IRRIGATION GRAVEL TRENCH (KERB INLET DIVERSION)
- GRAVEL TRENCH AREA IS TYPICAL AS COUNCIL STANDARD OTHERWISE AS SHOWN ON THIS PLAN.

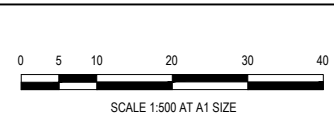
WARNING
BWARE OF UNDERGROUND SERVICES

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. Locate all underground services before commencement of works.

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www.1100.com.au

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P4	TREES UPDATED TO MATCH LANDSCAPE PLANS	30.11.22	JM	JM					
P3	COUNCIL COMMENTS ADDRESSED	16.09.22	LS	SY					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed: K. LIM WAN
Date: 04.04.2022
Drawn: L.SUTHERLAND
Checked: J.MONGAN
Date: 05.04.2022
Approved: J.MONGAN
Reg. No.: PE0005496
Date: 05.04.2022
PS Number: PS842547E

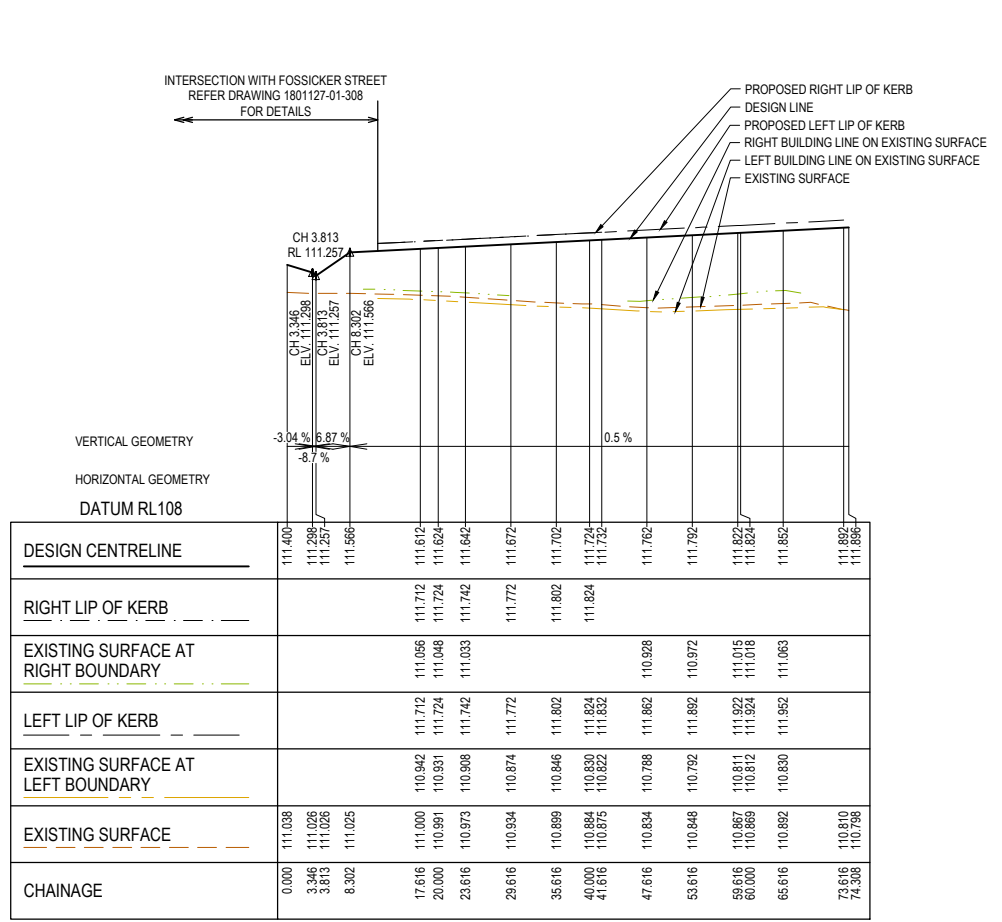
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Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: PARKGLEN STAGE 01 MELTON CITY COUNCIL
Drawing Title: INTERGRATED WATER MANAGEMENT PLAN (SHEET 2 OF 2) & DETAILS

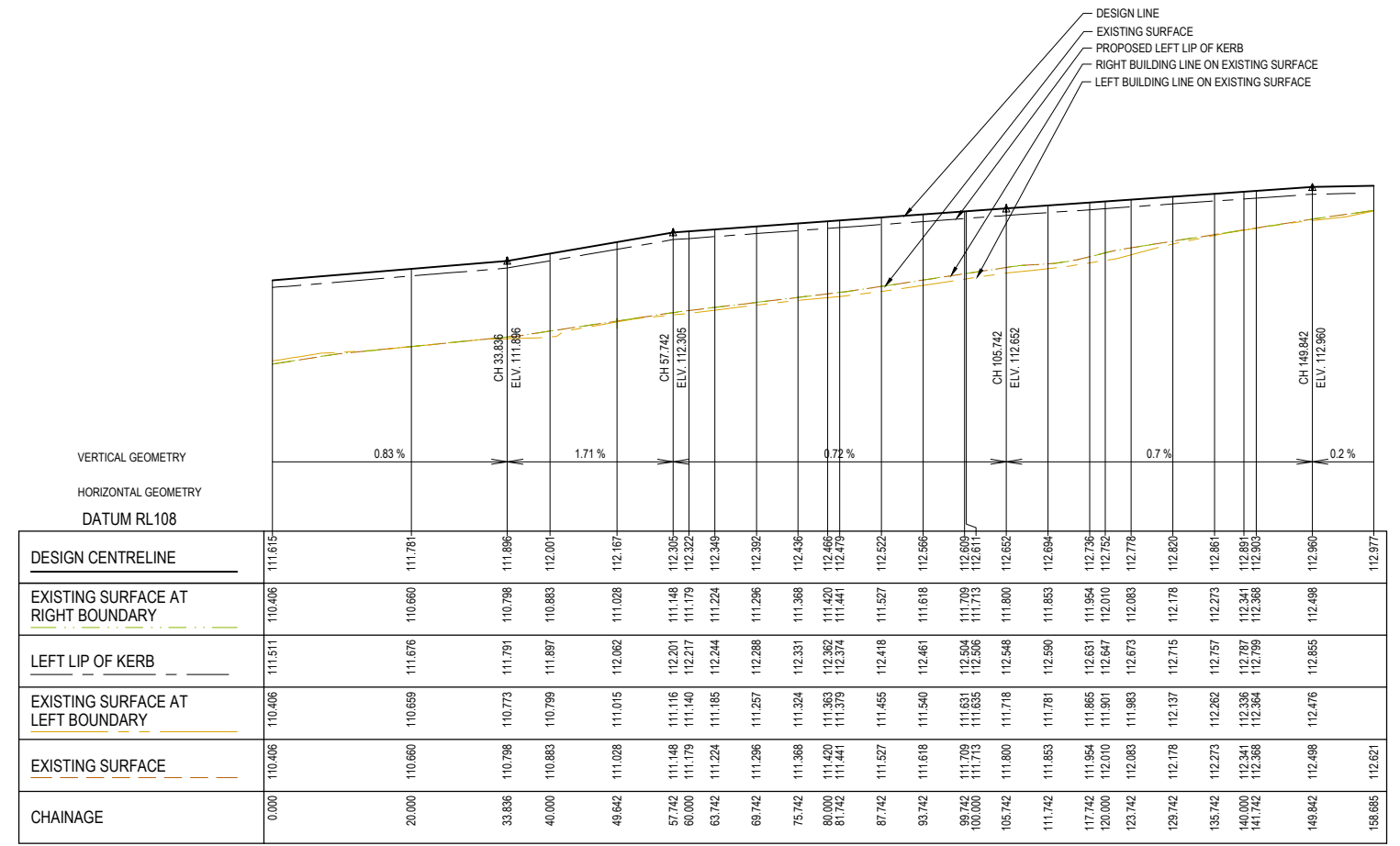
Sheet 11 of 55
Scale: 1:500 @ A1
Project Ref: 1801127
Stage No: 01
Drawing No: 016
Rev: P4


APPROVED
DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT RIGHT BOUNDARY
	RIGHT LIP OF KERB
	EXISTING SURFACE AT LEFT BOUNDARY
	LEFT LIP OF KERB



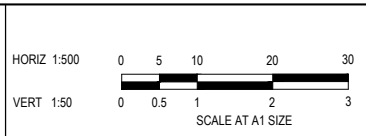
ALLOY LANE - LONGITUDINAL SECTION



BAYEST WALK - LONGITUDINAL SECTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed K. LIM WAN
 Date 04.04.2022
 Drawn L.SUTHERLAND
 Checked J.MONGAN
 Date 05.04.2022
 Approved J.MONGAN
 Reg. No. P20003496
 Date 05.04.2022
 PS Number PS842547E


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Project Details
 PARKGLEN
 STAGE 01
 MELTON CITY COUNCIL

Drawing Title
 ROAD LONGITUDINAL SECTIONS
 ALLOY LANE & BAYEST WALK

Sheet 12 of 55
 Scale
 1:500 H 1:50 V @ A1

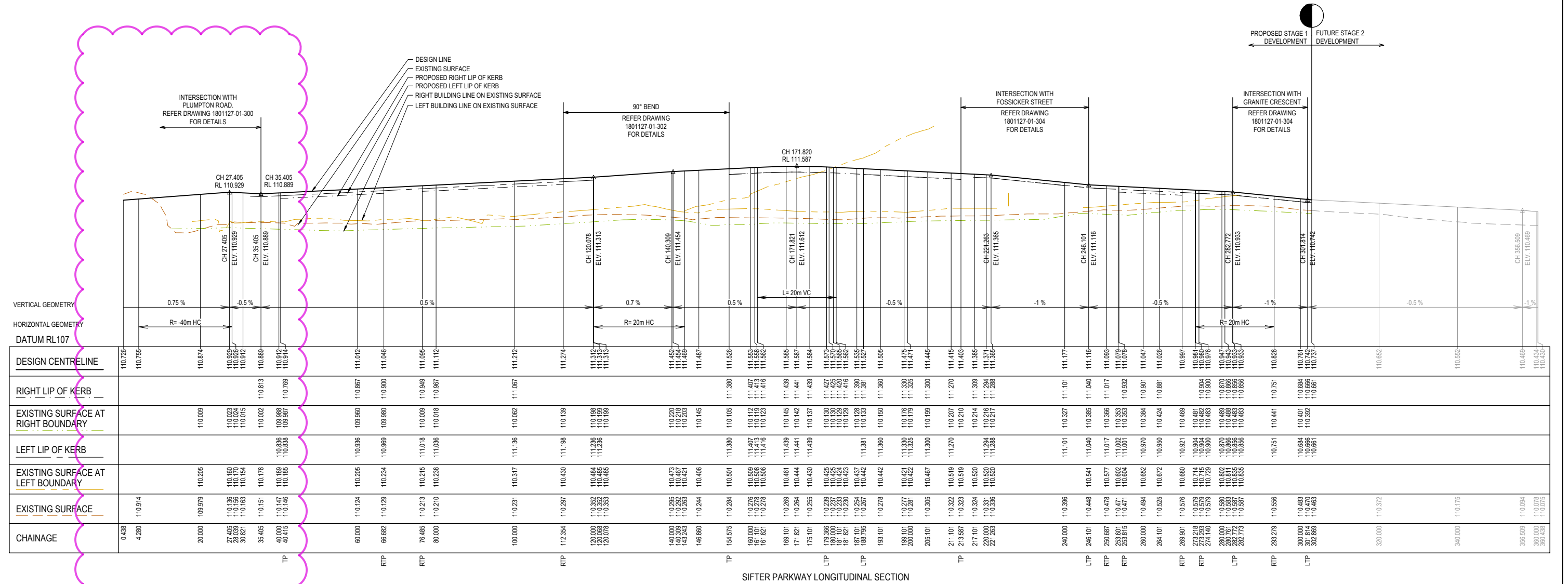
Project Ref 1801127
 Stage No 01
 Drawing No 100
 Rev P2

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 Nihal Jayasekara
 ENGINEERING SERVICES
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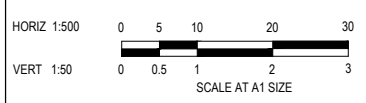
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	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT RIGHT BOUNDARY
	RIGHT LIP OF KERB
	EXISTING SURFACE AT LEFT BOUNDARY
	LEFT LIP OF KERB



SIFTER PARKWAY LONGITUDINAL SECTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P3	PLUMPTON ROAD ROUNDABOUT	23.05.24	NG	NG					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed: K. LIM WAN
 Date: 04.04.2022
 Drawn: L.SUTHERLAND
 Checked: J.MONGAN
 Date: 05.04.2022
 Approved: J.MONGAN
 Reg. No. F63003636
 Date: 05.04.2022
 PS Number: PS842547E

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Project Details
 PARKGLEN
 STAGE 01
 MELTON CITY COUNCIL

Drawing Title
 ROAD LONGITUDINAL SECTIONS
 SIFTER PARKWAY

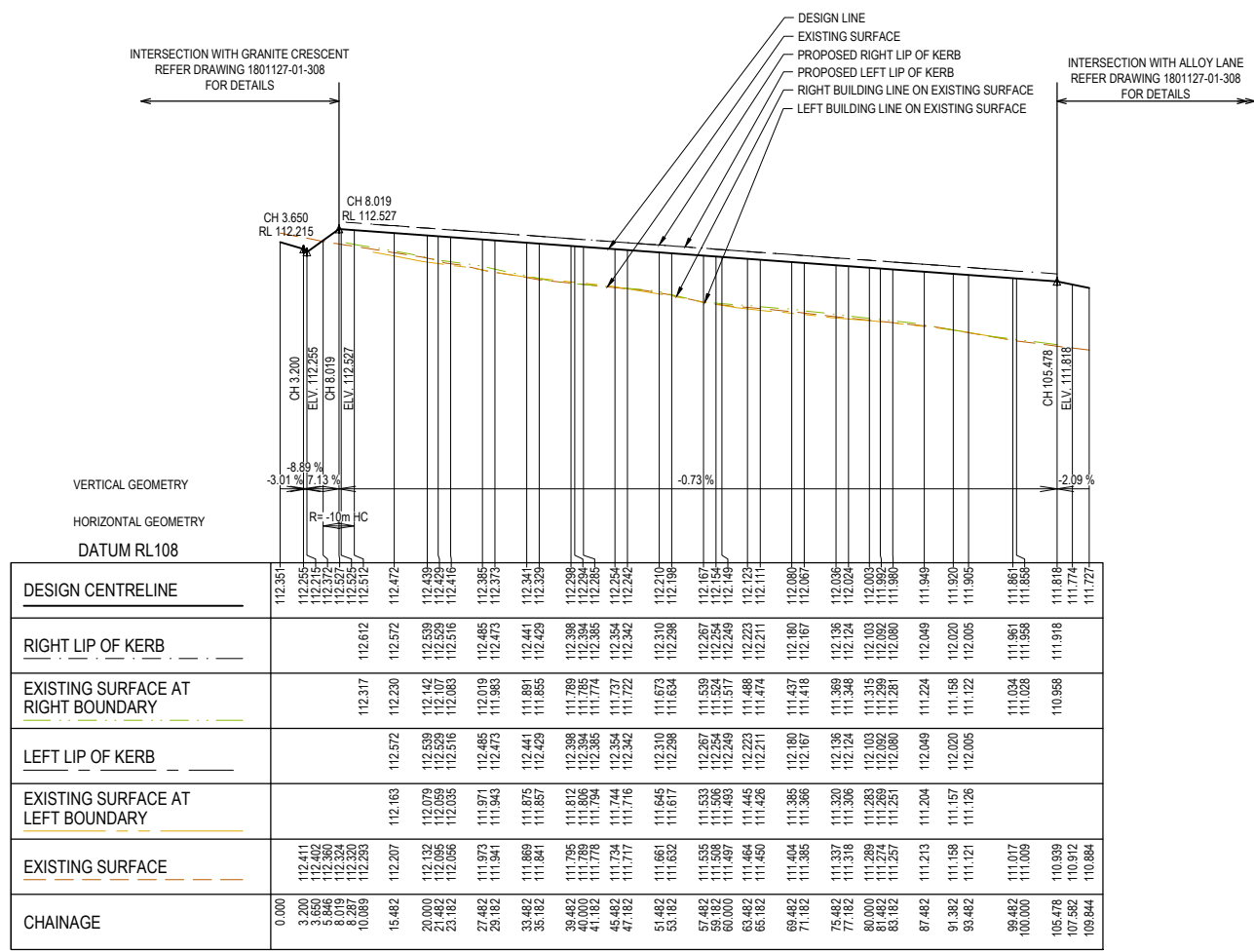
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Project Ref	1801127
Stage No	01
Drawing No	101
Rev	P3

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Nihal Jayasekara
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Date: 31/05/2024**

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT RIGHT BOUNDARY
	RIGHT LIP OF KERB
	EXISTING SURFACE AT LEFT BOUNDARY
	LEFT LIP OF KERB

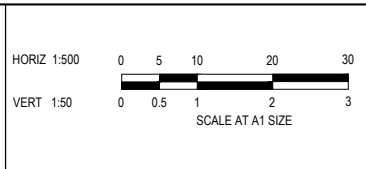


COPPER LANE - LONGITUDINAL SECTION

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P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					

Designed	K. LIM WAN
Date	04.04.2022
Drawn	LSUTHERLAND
Checked	J.MONGAN
Date	05.04.2022
Approved	J. MONGAN
Reg. No.	PE00036486
Date	05.04.2022
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Project Details	PARKGLEN STAGE 01 MELTON CITY COUNCIL
Drawing Title	ROAD LONGITUDINAL SECTIONS COPPER LANE

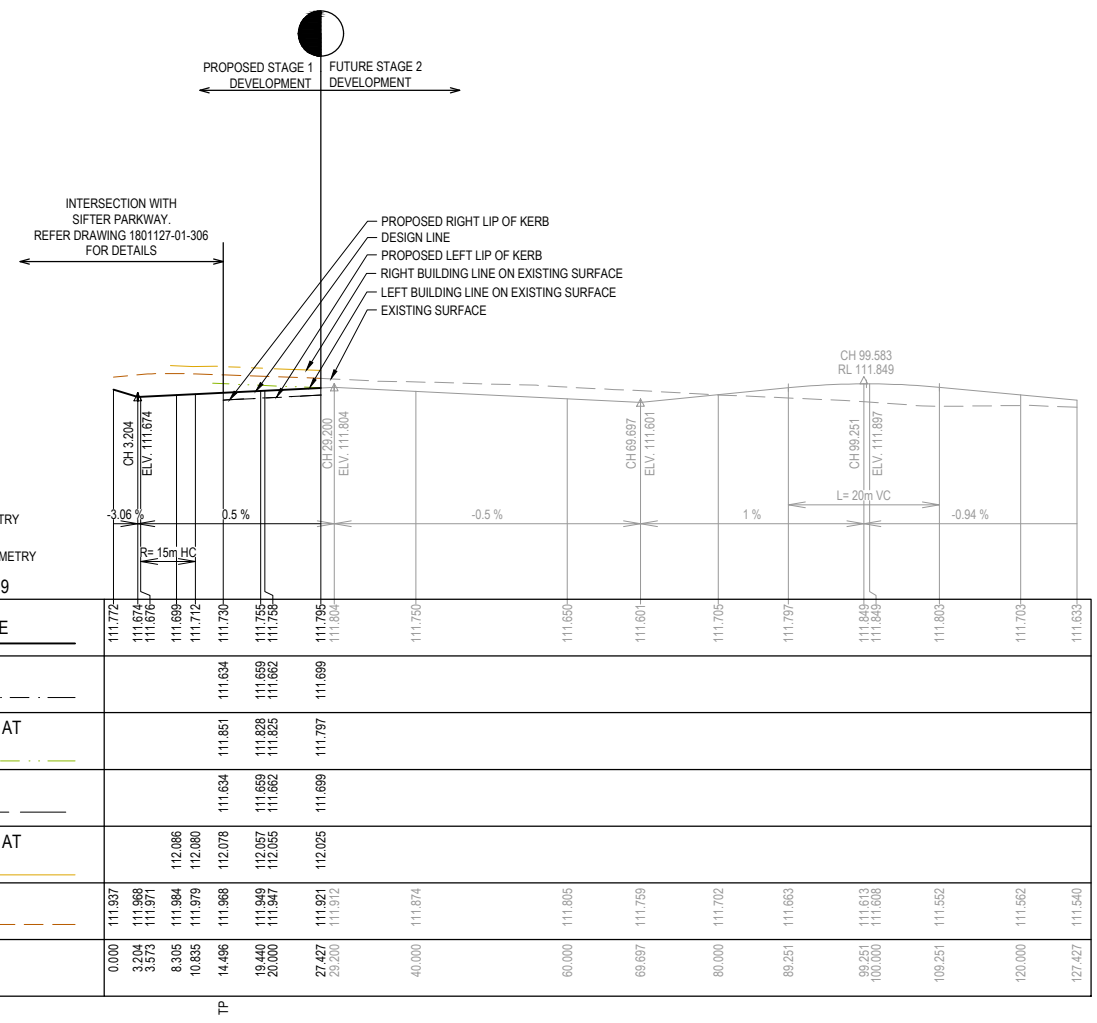
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Project Ref	1801127
Stage No	01
Drawing No	102
Rev	P2

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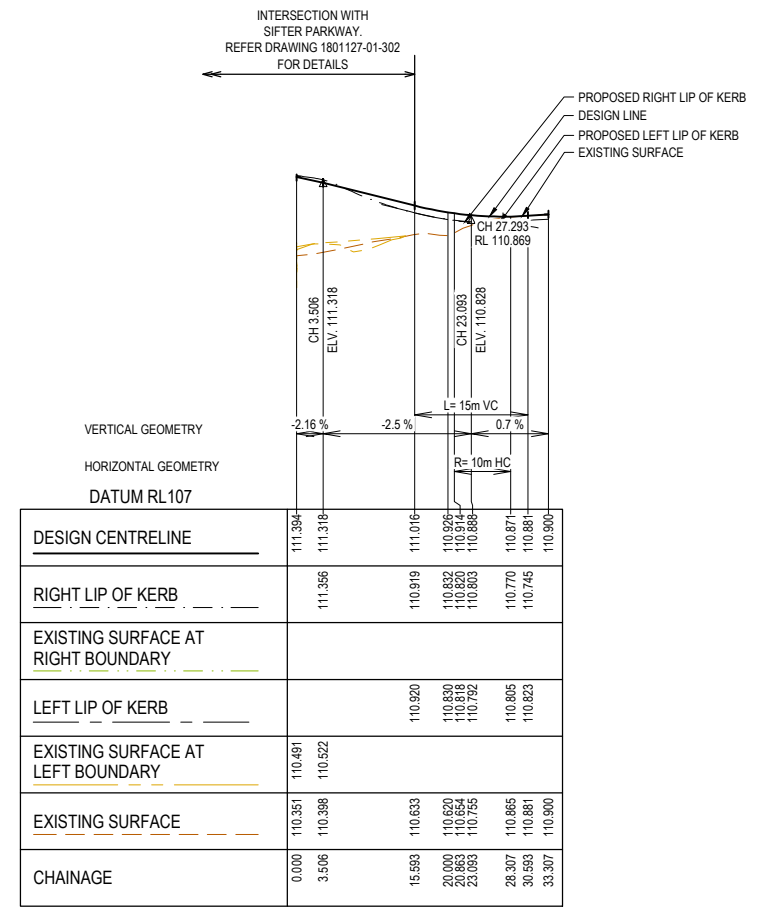


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ENGINEERING SERVICES
Date: 31/05/2024

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT RIGHT BOUNDARY
	RIGHT LIP OF KERB
	EXISTING SURFACE AT LEFT BOUNDARY
	LEFT LIP OF KERB



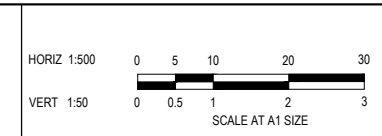
MERCURY AVENUE - LONGITUDINAL SECTION



BEATTYS CONNECTION - LONGITUDINAL SECTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



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Date: 04.04.2022
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Checked: J.MONGAN
Date: 05.04.2022
Approved: J.MONGAN
Reg. No: PE0003496
Date: 05.04.2022
PS Number: PS842547E

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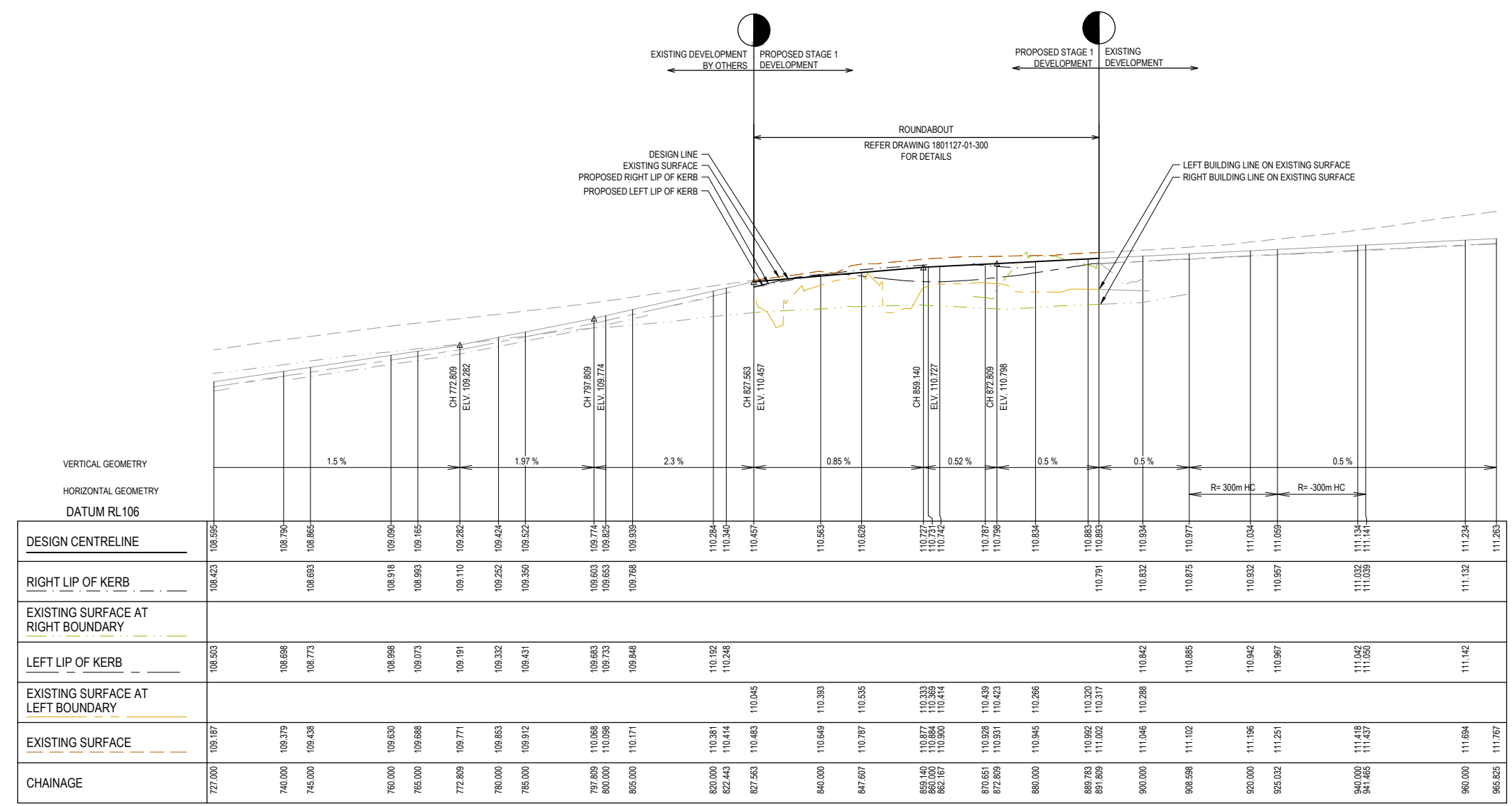
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Drawing Title: ROAD LONGITUDINAL SECTIONS MERCURY AVENUE AND BEATTYS ROAD CONNECTION

Sheet 17 of 55	Scale 1:500 H 1:50 V @ A1
Project Ref 1801127	Stage No 01
Drawing No 105	Rev P2

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LEGEND

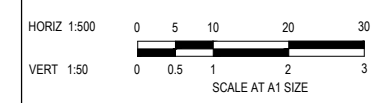
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- DESIGN LINE
- - - FUTURE DESIGN LINE
- · - · - EXISTING SURFACE AT RIGHT BOUNDARY
- · - · - RIGHT LIP OF KERB
- · - · - EXISTING SURFACE AT LEFT BOUNDARY
- · - · - LEFT LIP OF KERB



P3

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P3	PLUMPTON ROAD ROUNDABOUT	23.05.24	NG	NG					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					
REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.



Designed **K. LIM WAN**
Date 04.04.2022
Drawn **L.SUTHERLAND**
Checked **J.MONGAN**
Date 05.04.2022
Approved **J. MONGAN**
Reg. No. PS30036368
Date 05.04.2022
PS Number **PS842547E**

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Project Details
**PARKGLEN
STAGE 01
MELTON CITY COUNCIL**

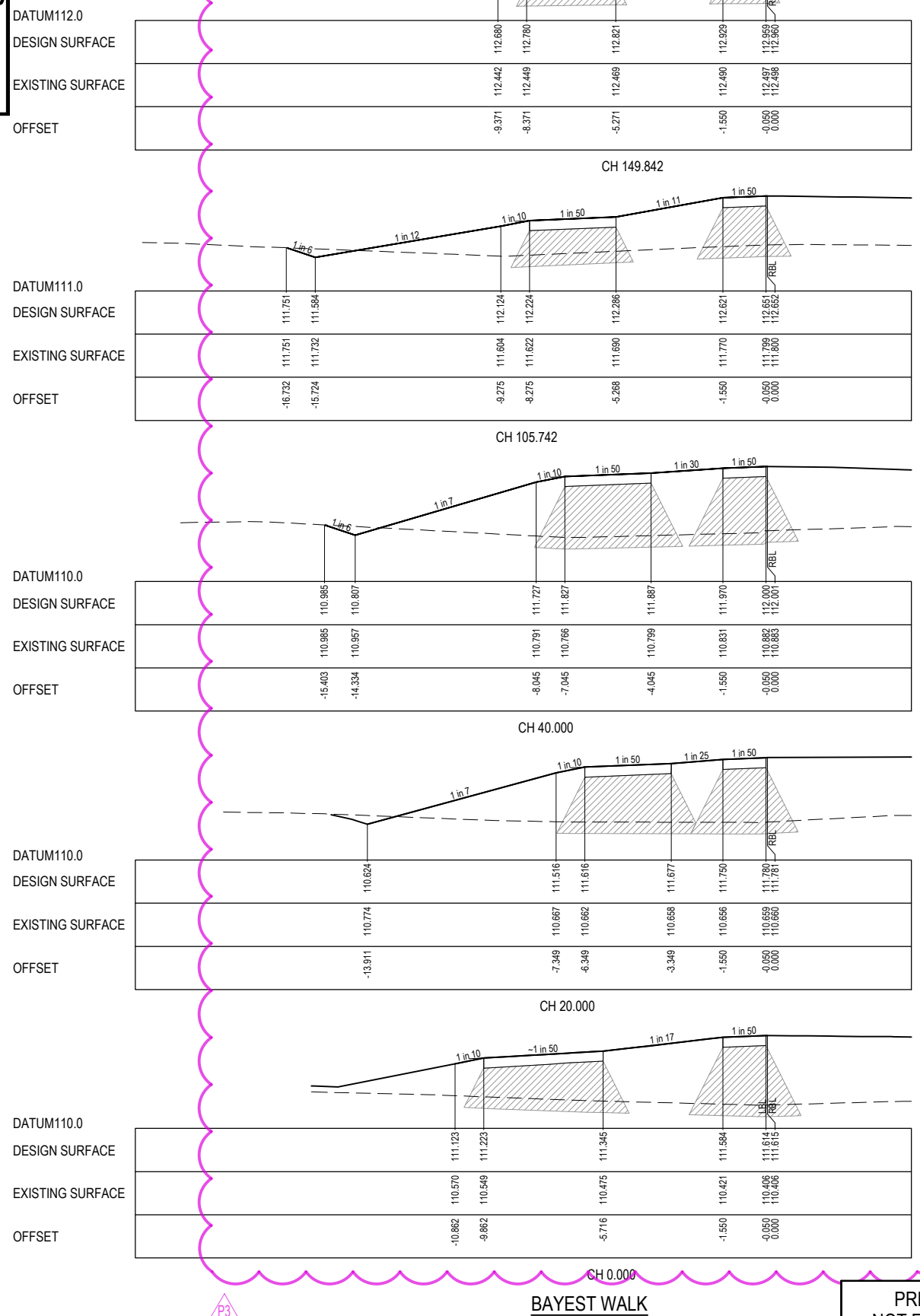
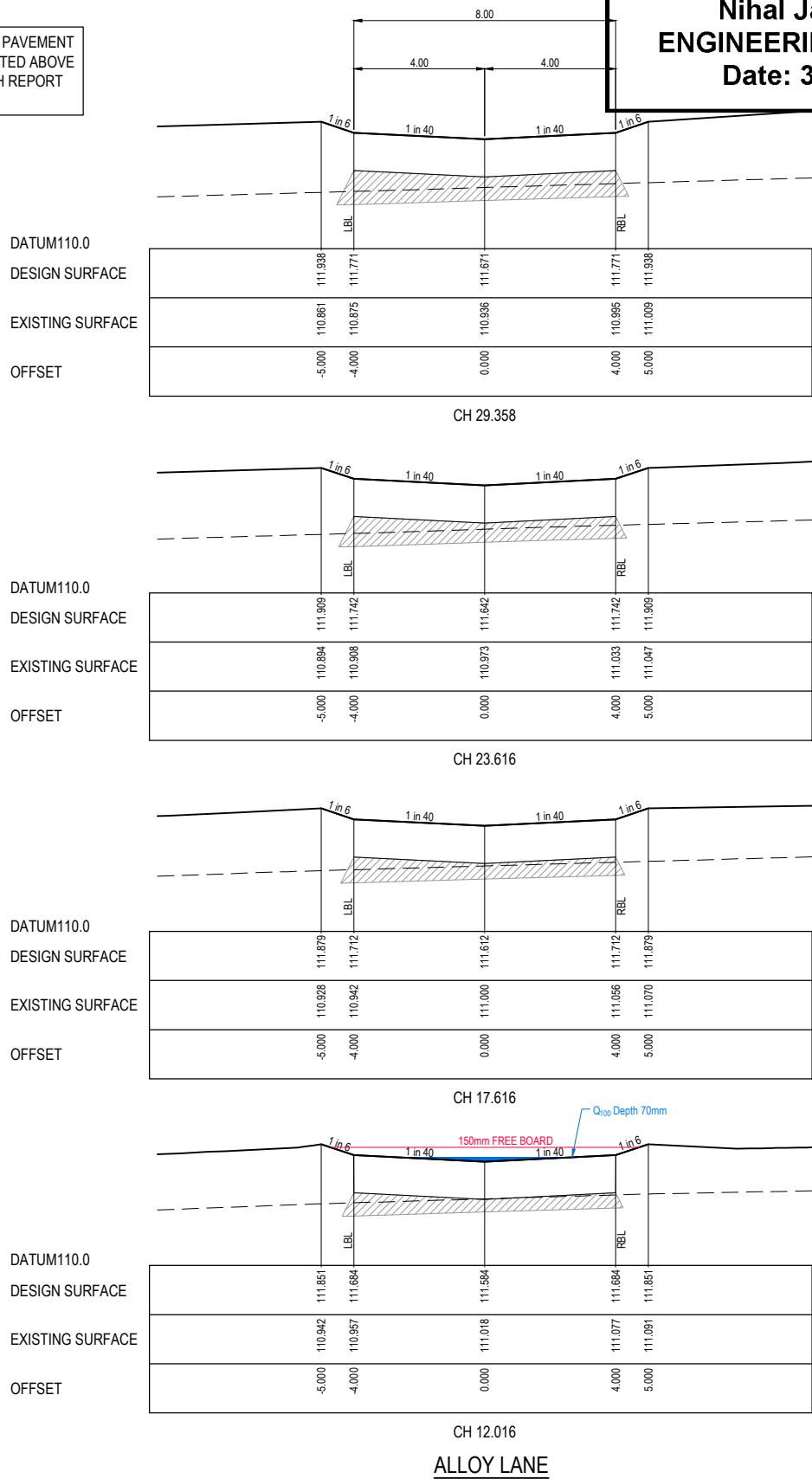
Drawing Title
**ROAD LONGITUDINAL SECTIONS
PLUMPTON ROAD**

Sheet	18 of 55
Scale	1:500 H 1:50 V @ A1
Project Ref	1801127
Stage No	01
Drawing No	106
Rev	P3

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	STRUCTURAL FILL

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

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DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024

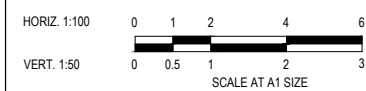


ALLOY LANE

BAYEST WALK

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P3 SHARED PATH ADDED	23.05.24	NG	NG		
P2 AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM		
P1 ISSUED FOR INFORMATION	08.04.22	LS	JM		
REV	DESCRIPTION	DATE	DRN.	APP.	REV



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 Checked J.MONGAN
 Date 05.04.2022
 Approved J.MONGAN
 Reg. No. PE0003498
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 PS Number PS842547E

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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL

Drawing Title
ROAD CROSS SECTIONS
ALLOY LANE & BAYEST WALK

Sheet	20 of 55
Scale	1:100 H 1:50 V @ A1
Project Ref	1801127
Stage No	01
Drawing No	200
Rev	P3

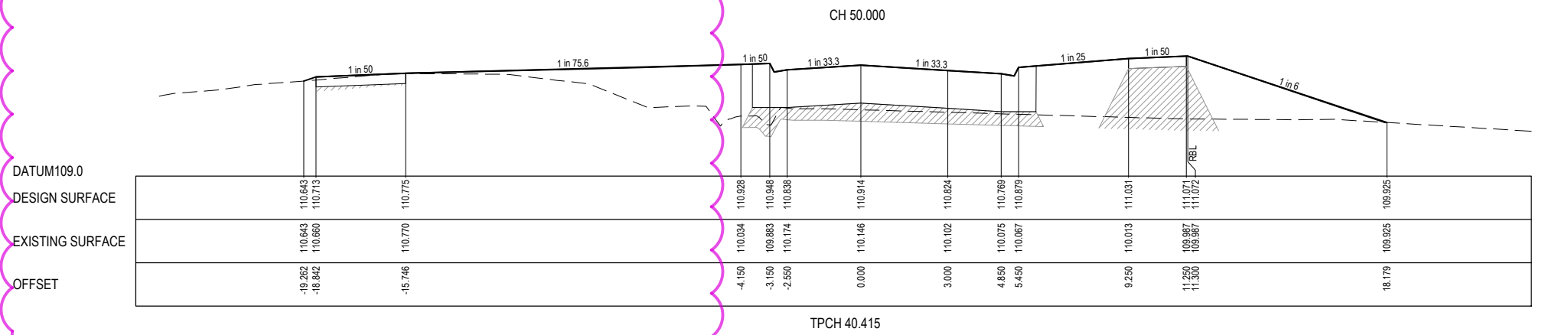
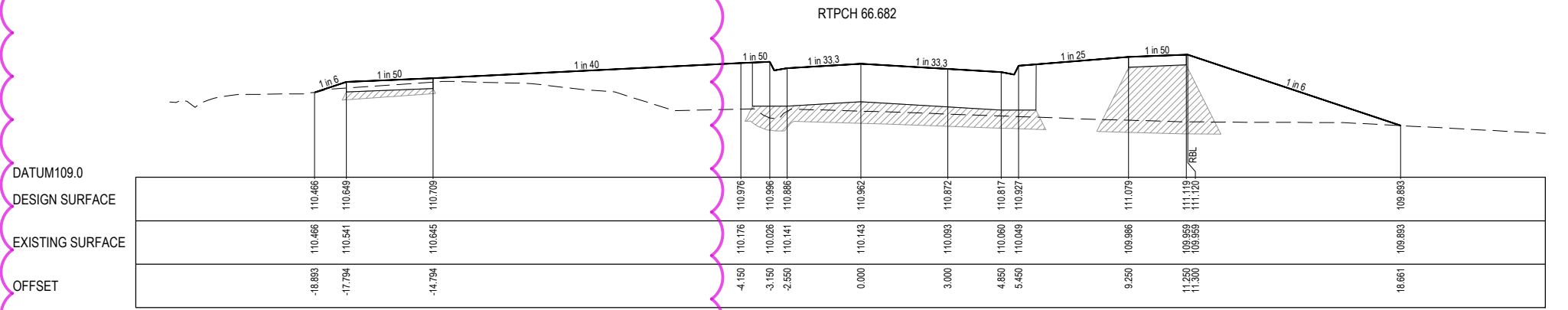
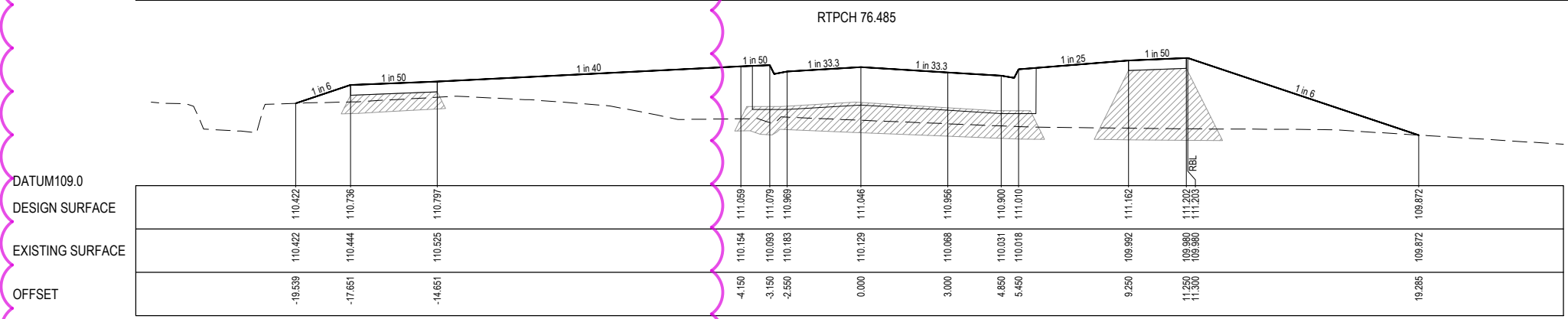
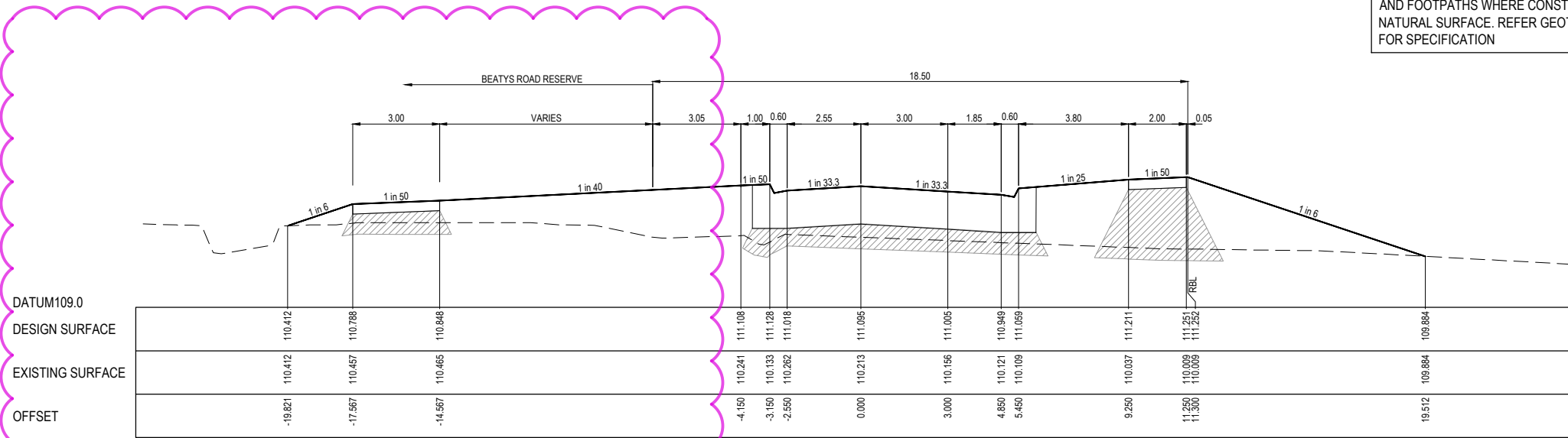
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STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	STRUCTURAL FILL

CITY OF
MELTON

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Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024

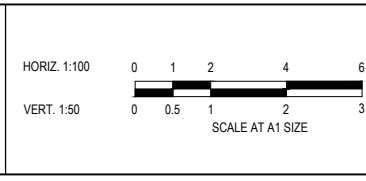


P3

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P3	SHARED PATH ADDED	23.05.24	NG	NG					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					

DATE	DRN.	APP.



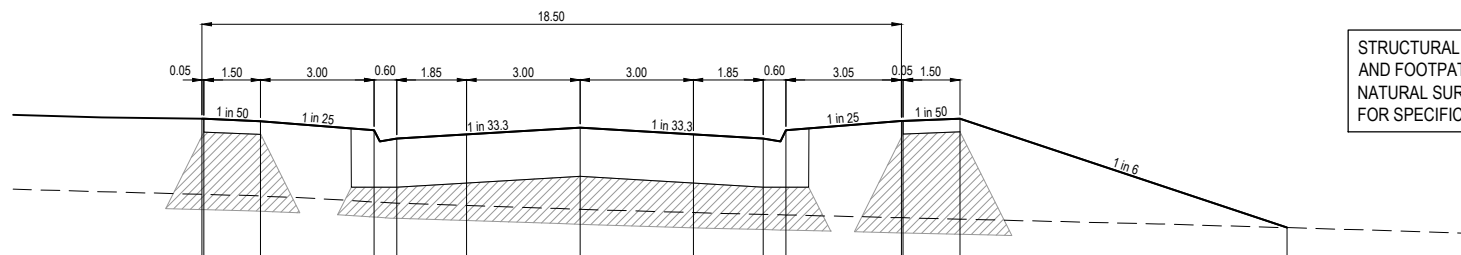
Designed: K. LIM WAN
Date: 04.04.2022
Drawn: L.SUTHERLAND
Checked: J.MONGAN
Date: 05.04.2022
Approved: J.MONGAN
Reg. No. PS3093498
Date: 05.04.2022
PS Number: PS842547E

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Project Details: PARKGLEN STAGE 01 MELTON CITY COUNCIL
Drawing Title: ROAD CROSS SECTIONS SIFTER PARKWAY SHEET 1 OF 4

Sheet	21 of 55
Scale	1:100 H 1:50 V @ A1
Project Ref	1801127
Stage No	01
Drawing No	201
Rev	P3

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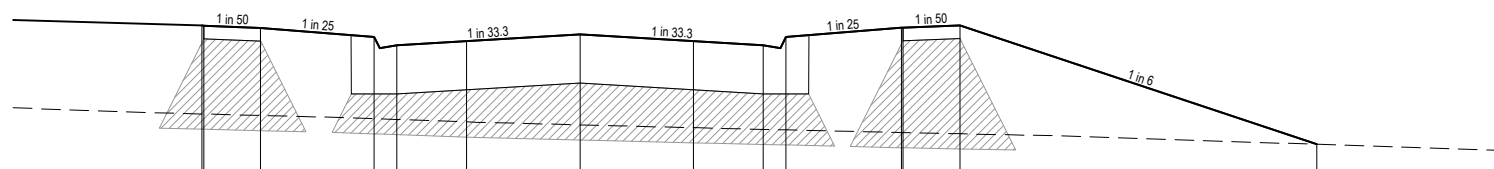


STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	STRUCTURAL FILL

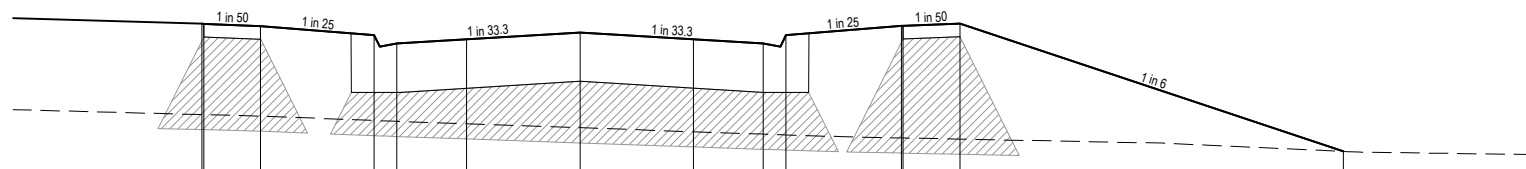
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EXISTING SURFACE	110.519	110.519	110.487	110.419	110.402	110.372	110.323	110.278	110.254	110.247	110.368	110.210	110.210	110.192	110.079					
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TPCH 213.587



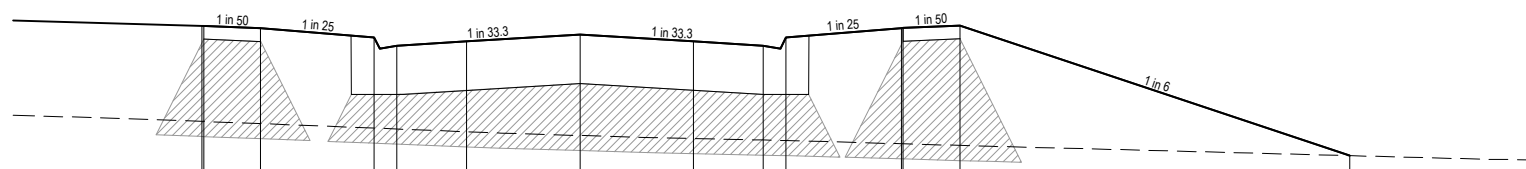
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EXISTING SURFACE	110.421	110.421	110.402	110.358	110.348	110.317	110.277	110.240	110.218	110.211	110.176	110.175	110.160	110.020						
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CH 199.101



DATUM109.0																				
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EXISTING SURFACE	110.442	110.441	110.422	110.363	110.352	110.320	110.267	110.215	110.183	110.172	110.133	110.132	110.117	109.955						
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LTPCH 188.795



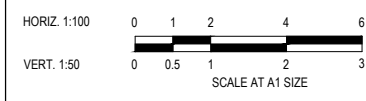
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LTPCH 179.366

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 Nihal Jayasekara
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P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					
REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.



Designed: K. LIM WAN
 Date: 04.04.2022
 Drawn: L.SUTHERLAND
 Checked: J.MONGAN
 Date: 05.04.2022
 Approved: J.MONGAN
 Reg. No. PS3093498
 Date: 05.04.2022
 PS Number: PS842547E


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 www.beveridgewilliams.com.au

Project Details: PARKGLEN STAGE 01 MELTON CITY COUNCIL
 Drawing Title: ROAD CROSS SECTIONS SIFTER PARKWAY SHEET 3 OF 4

Sheet 23 of 55	
Scale 1:100 H 1:50 V @ A1	
Project Ref	Stage No
1801127	01
Drawing No	Rev
203	P2

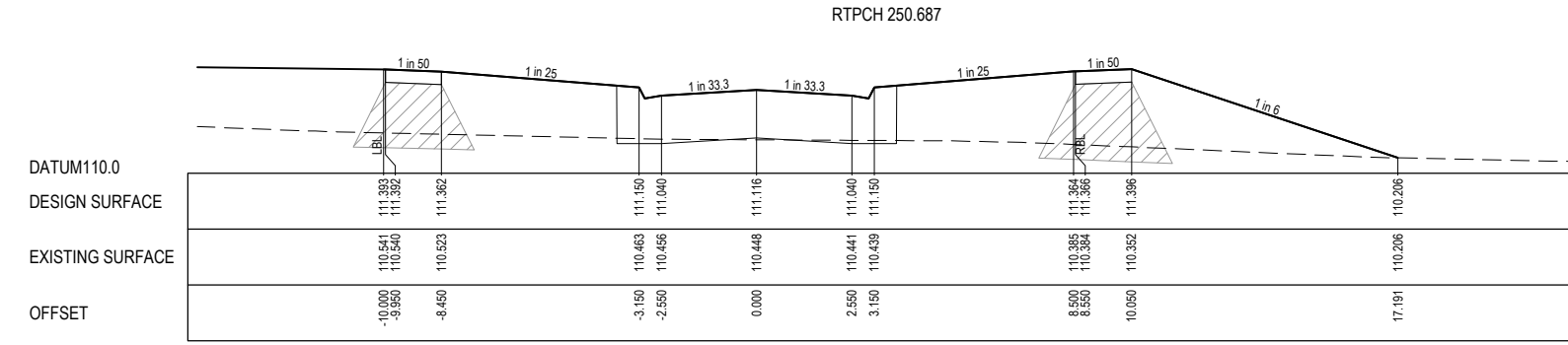
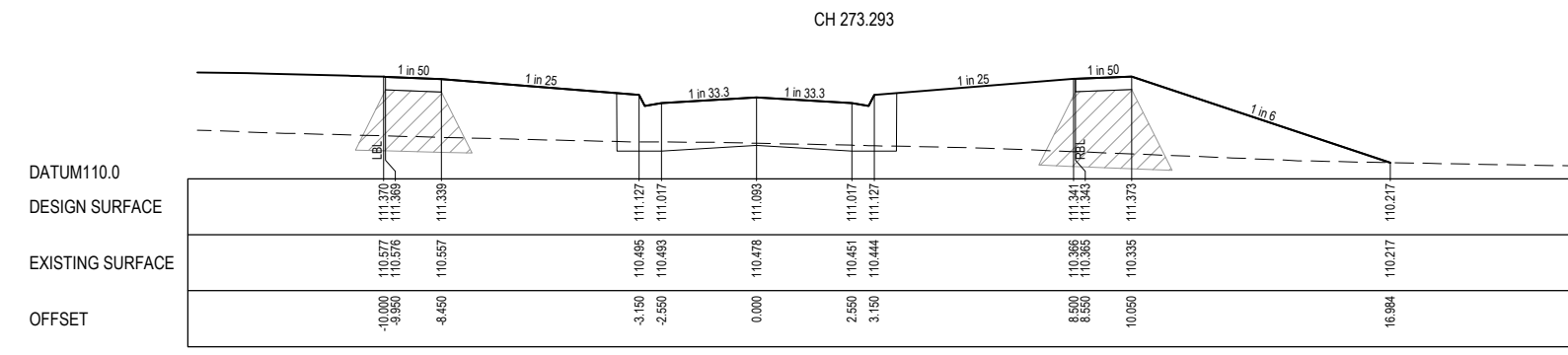
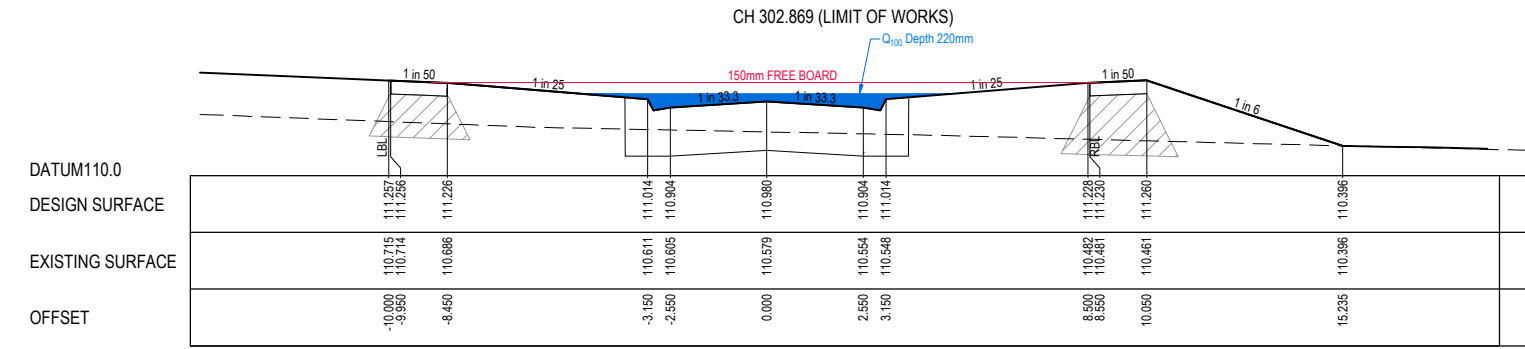
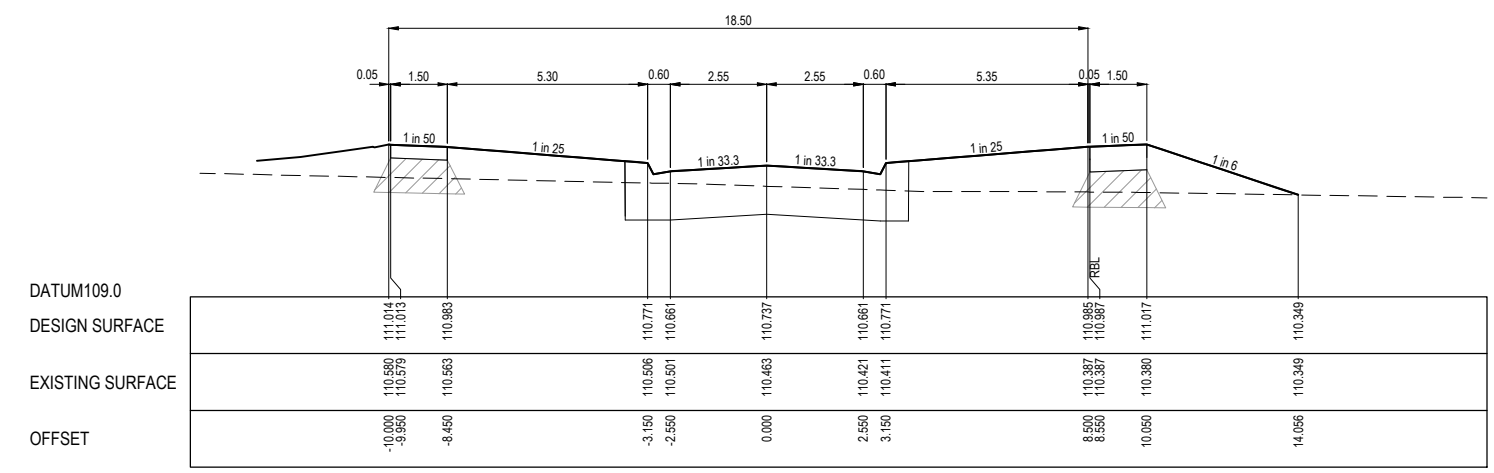
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STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

LEGEND	
---	EXISTING SURFACE
—	DESIGN SURFACE
	STRUCTURAL FILL



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ENGINEERING SERVICES
Date: 31/05/2024



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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed: K. LIM WAN
 Date: 04.04.2022
 Drawn: L.SUTHERLAND
 Checked: J.MONGAN
 Date: 05.04.2022
 Approved: J.MONGAN
 Reg. No: PS0003696
 Date: 05.04.2022
 PS Number: PS842547E

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Project Details
 PARKGLEN
 STAGE 01
 MELTON CITY COUNCIL

Drawing Title
 ROAD CROSS SECTIONS
 SIFTER PARKWAY
 SHEET 4 OF 4

Sheet	24 of 55
Scale	1:100 H 1:50 V @ A1
Project Ref	1801127
Stage No	01
Drawing No	204
Rev	P2

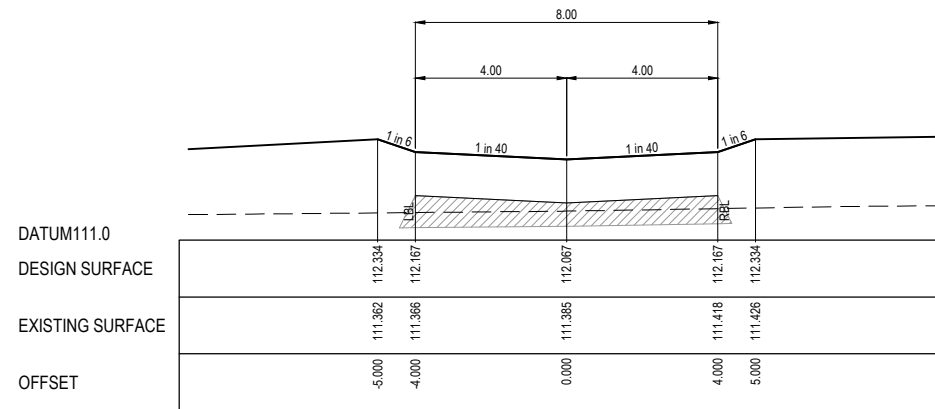
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STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

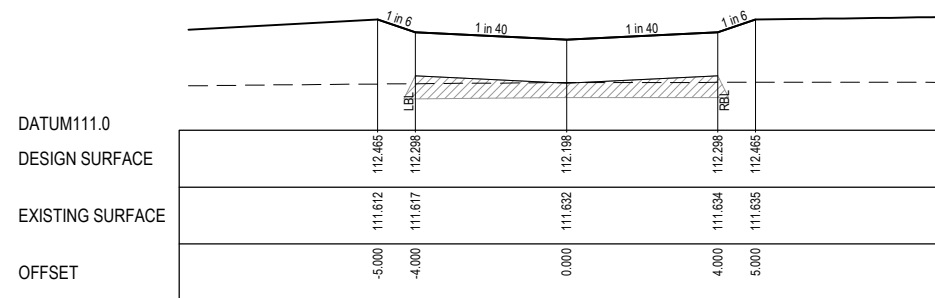
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	DESIGN SURFACE
	STRUCTURAL FILL



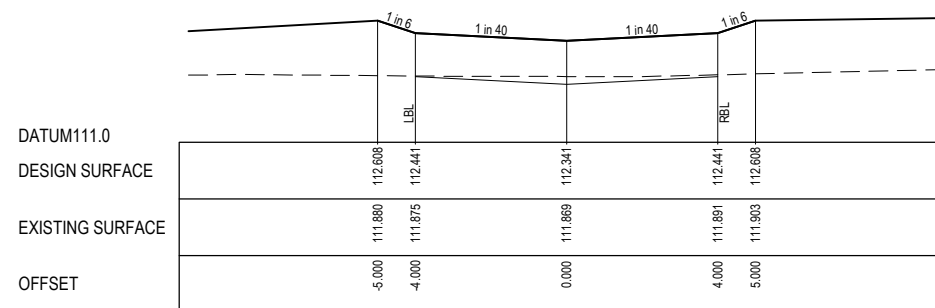
APPROVED
DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024



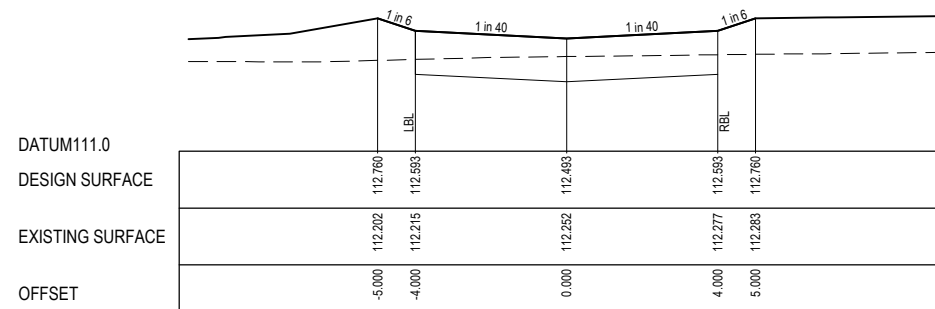
CH 71.182



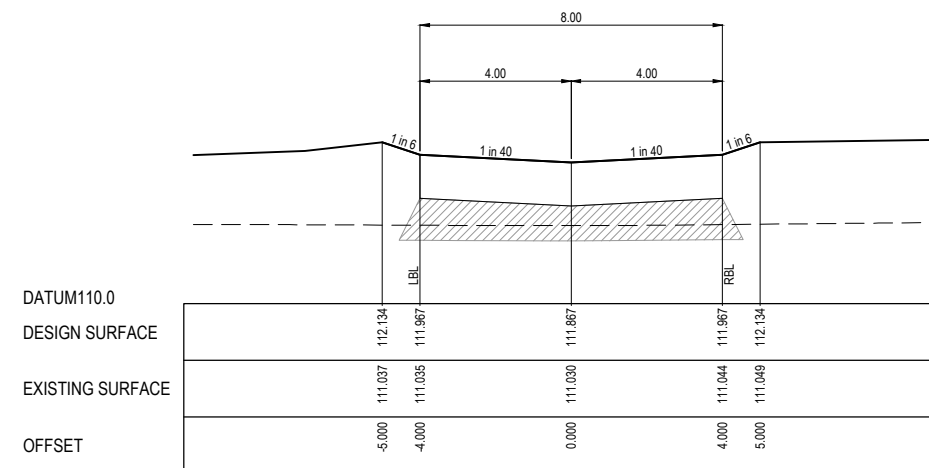
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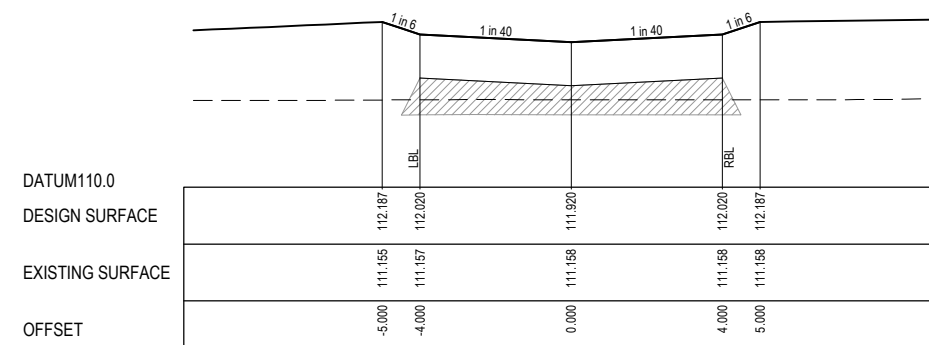
CH 33.482



CH 12.607



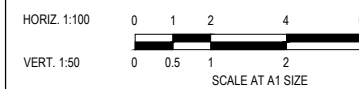
CH 98.728



CH 91.382

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed	K. LIM WAN
Date	04.04.2022
Drawn	LSUTHERLAND
Checked	J.MONGAN
Date	05.04.2022
Approved	J. MONGAN
Reg. No.	PS3003498
Date	05.04.2022
PS Number	PS842547E

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Project Details	PARKGLEN STAGE 01 MELTON CITY COUNCIL
Drawing Title	ROAD CROSS SECTIONS COPPER LANE

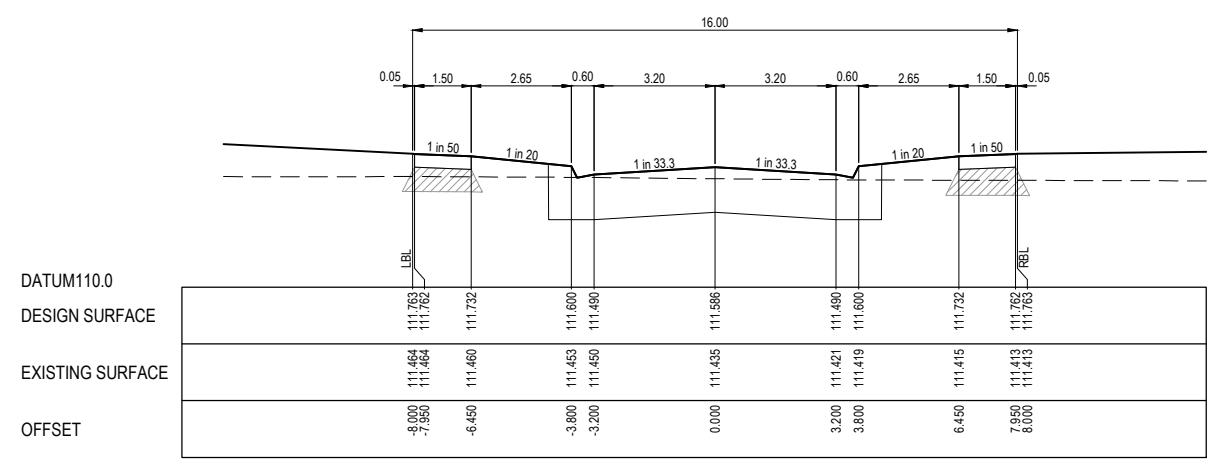
Sheet	25 of 55
Scale	1:100 H 1:50 V @ A1
Project Ref	1801127
Stage No	01
Drawing No	205
Rev	P2

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

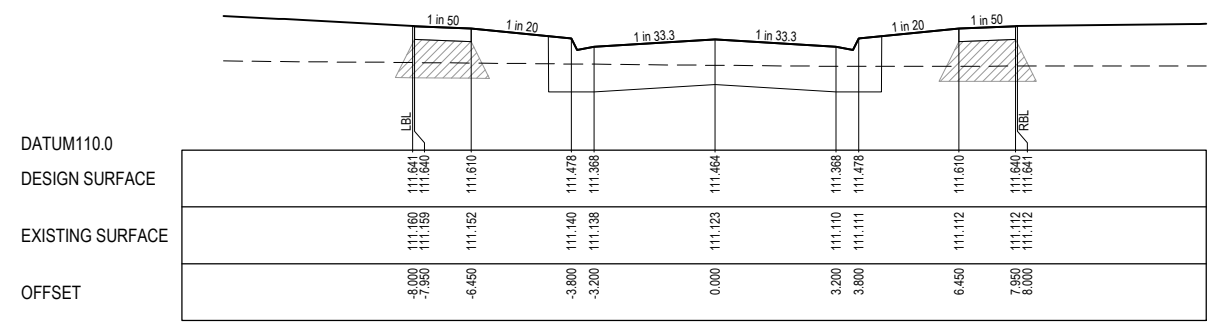
LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	STRUCTURAL FILL

CITY OF MELTON

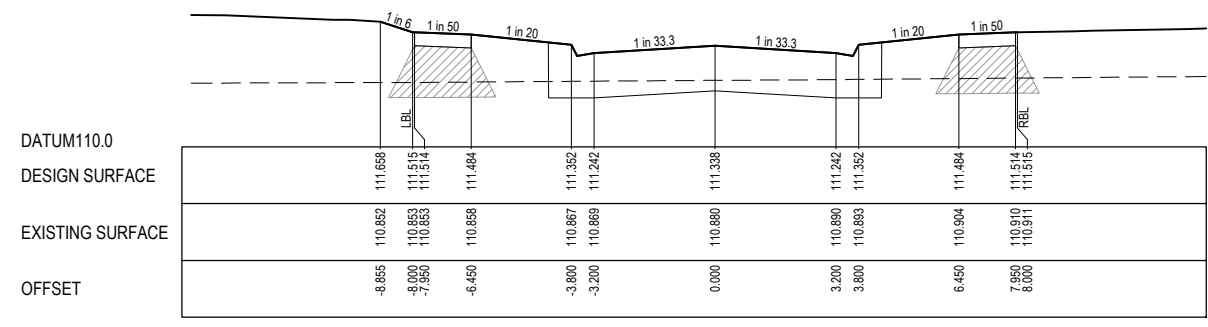
**APPROVED
DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024**



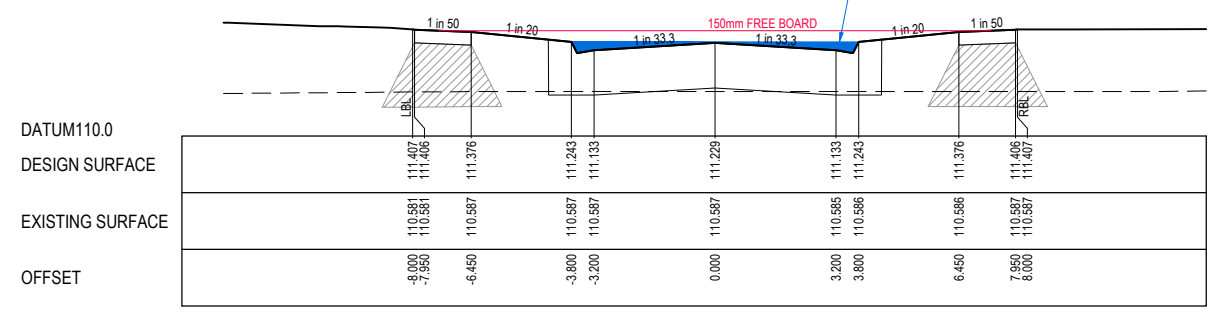
CH 71.508



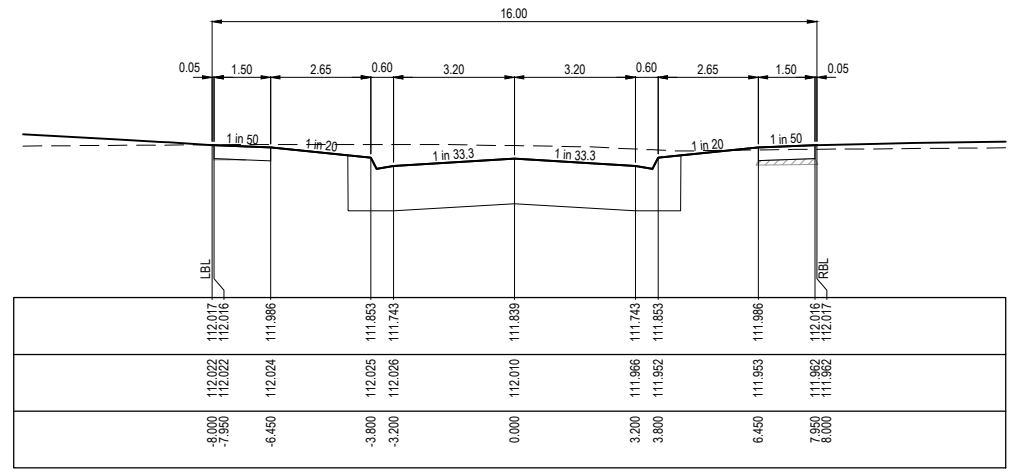
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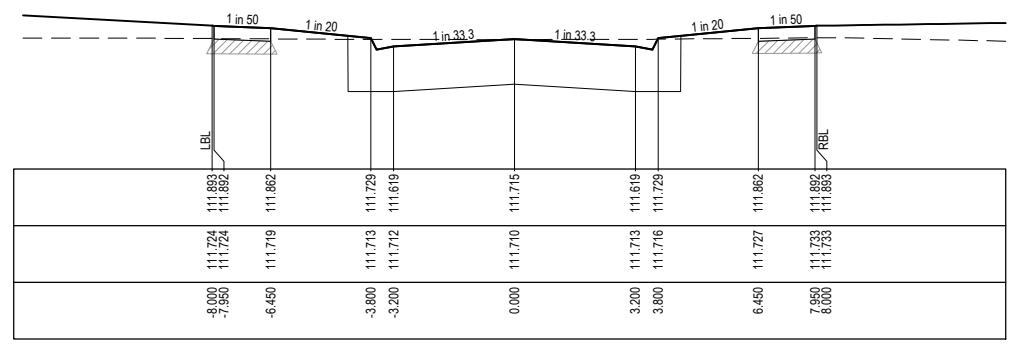
CH 31.000



CH 13.303



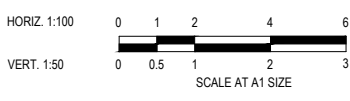
RTPCH 112.928



CH 92.708

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P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed K. LIM WAN
Date 04.04.2022
Drawn L.SUTHERLAND
Checked J.MONGAN
Date 05.04.2022
Approved J.MONGAN
Reg. No. PE0003498
Date 05.04.2022
PS Number PS842547E


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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL



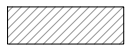
Drawing Title
ROAD CROSS SECTIONS
FOSSICKER STREET

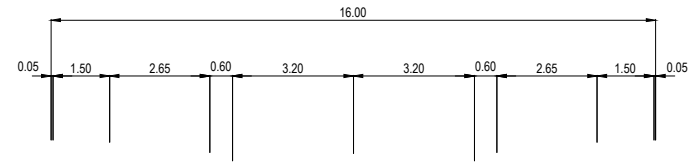
Sheet	26 of 55
Scale	1:100 H 1:50 V @ A1
Project Ref	1801127
Stage No	01
Drawing No	206
Rev	P2

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DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024

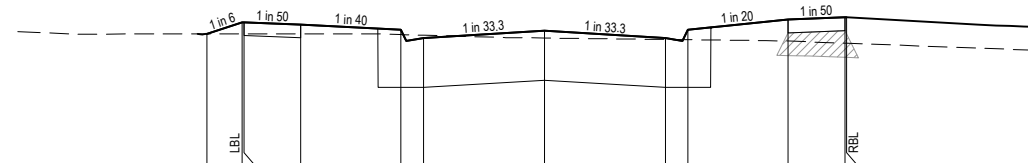
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	STRUCTURAL FILL



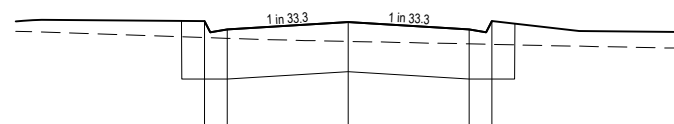
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RTPCH 53.781



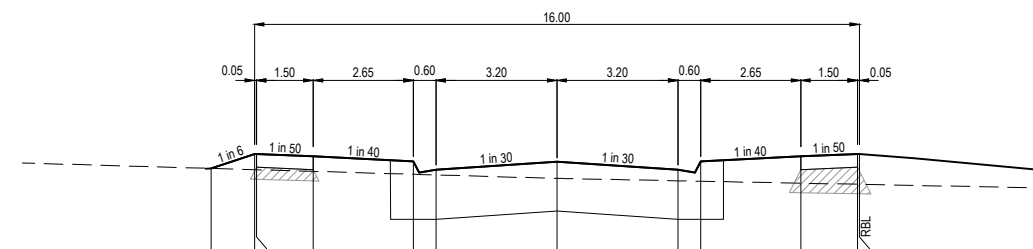
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EXISTING SURFACE	112.821, 112.821, 112.822, 112.813, 112.805, 112.767, 112.748, 112.745, 112.879, 112.727, 112.699, 112.698
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RTPCH 31.058



DATUM111.0	
DESIGN SURFACE	112.790, 112.680, 112.776, 112.680, 112.790
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TPCH 11.468



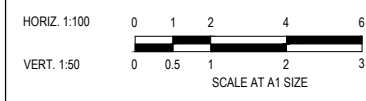
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L.O.W. CH 58.601



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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P4	GOLDRUSH EXTENDED	23.05.24	NG	NG					
P3	LIMIT OF WORKS GOLDRUSH PARADE AMENDED	30.11.22	JM	JM					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed	K. LIM WAN	
Date	04.04.2022	
Drawn	L.SUTHERLAND	Development & Infrastructure Consultants
Checked	J.MONGAN	
Date	05.04.2022	1 Glenferrie Road Malvern VIC 3144 ph: 03 9524 8888 www.beveridgewilliams.com.au
Approved	J. MONGAN	
Reg. No.	PS0003496	
Date	05.04.2022	
PS Number	PS842547E	

Project Name	PARKGLEN STAGE 01 MELTON CITY COUNCIL
Drawing Title	ROAD CROSS SECTIONS GOLDRUSH PARADE

Sheet	27 of 55
Scale	1:100 H 1:50 V @ A1
Project Ref	1801127
Stage No	01
Drawing No	207
Rev	P4

CITY OF MELTON

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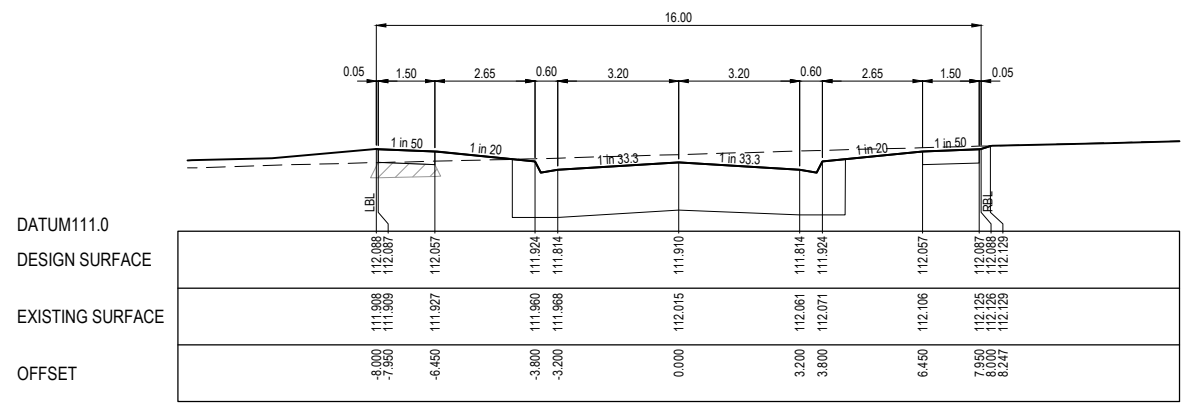
**Nihal Jayasekara
ENGINEERING SERVICES**

Date: 31/05/2024

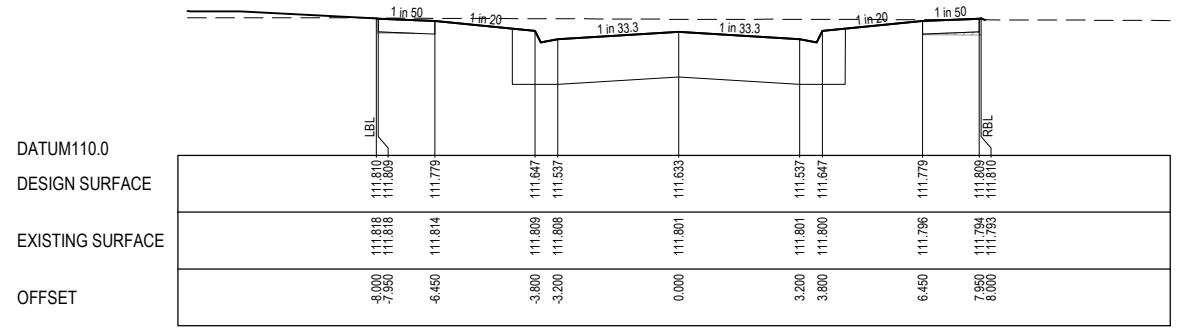
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

LEGEND

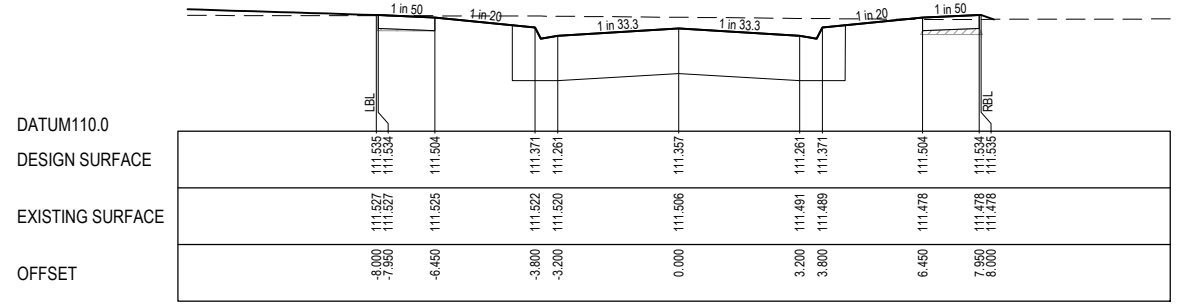
- EXISTING SURFACE
- DESIGN SURFACE
- STRUCTURAL FILL



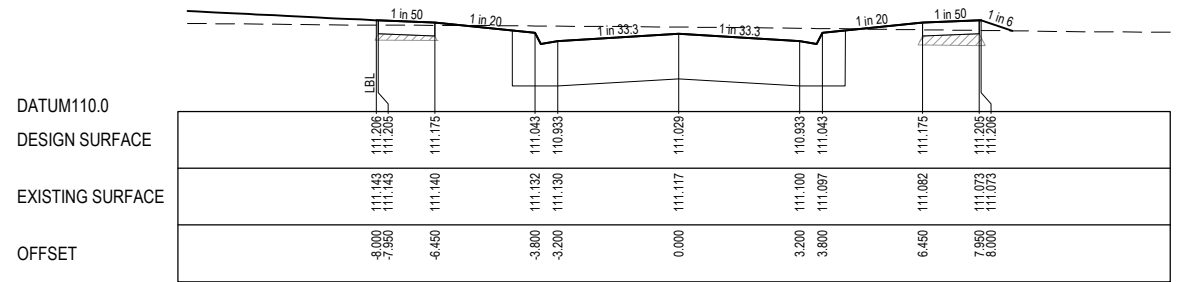
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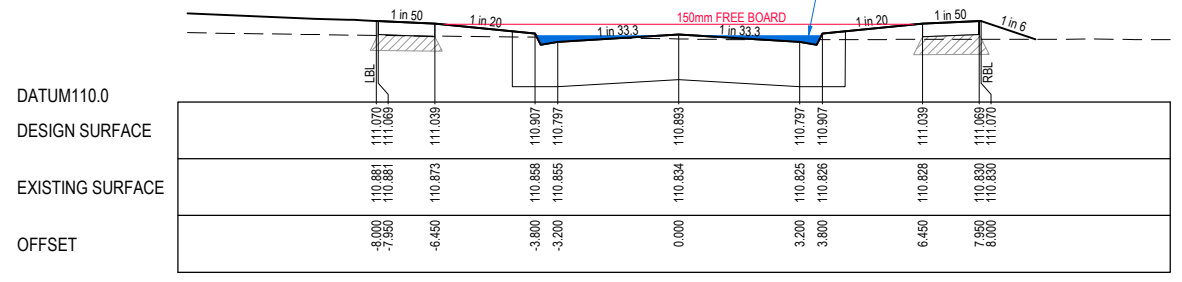
TPCH 84.816



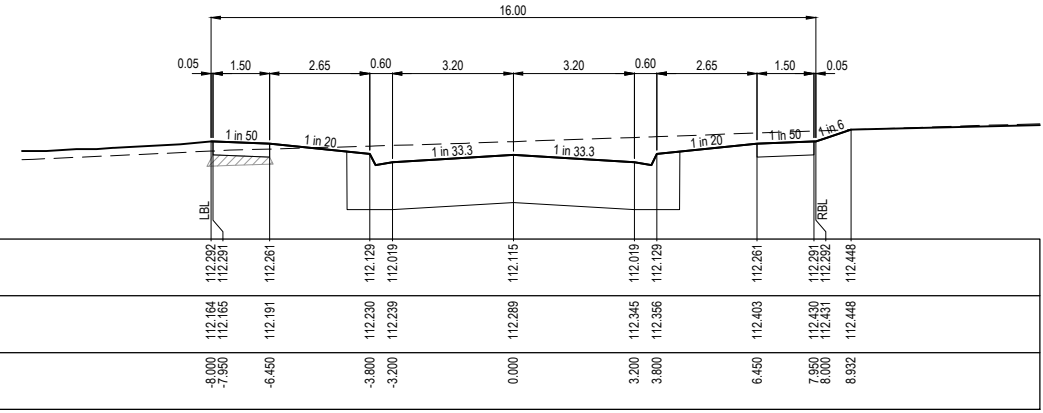
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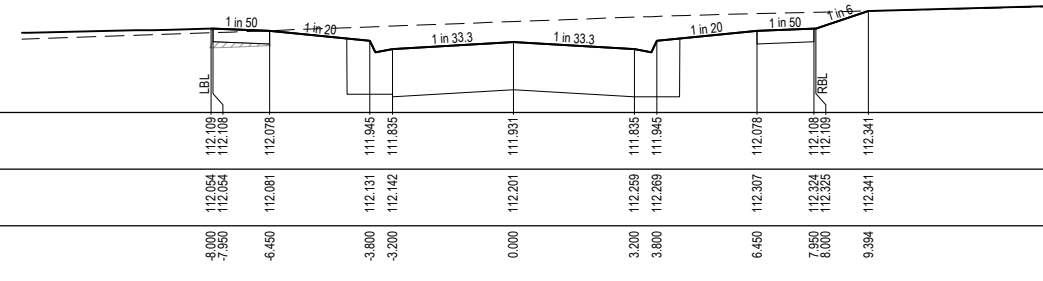
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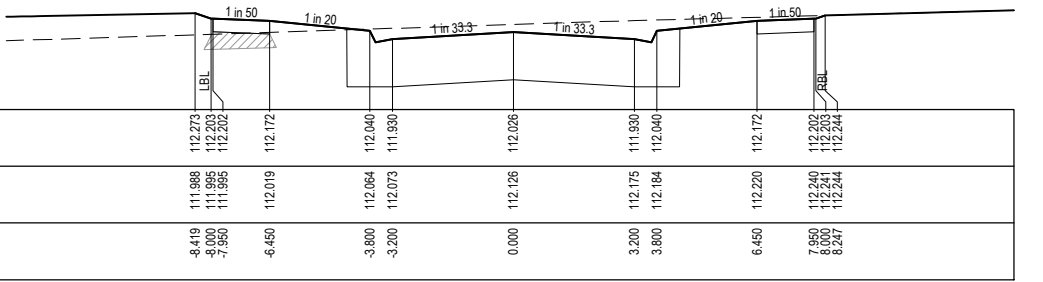
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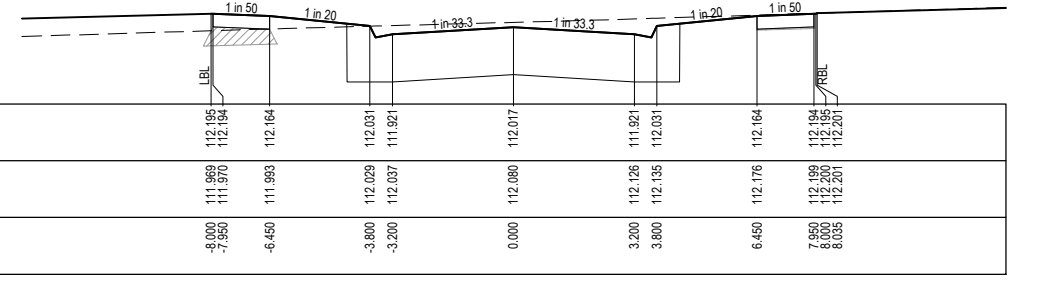
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LTPCH 166.347



CH 144.096

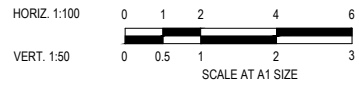


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P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed K. LIM WAN
Date 04.04.2022
Drawn L.SUTHERLAND
Checked J.MONGAN
Date 05.04.2022
Approved J.MONGAN
Reg. No. PE0003498
Date 05.04.2022
PS Number PS842547E

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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL
Drawing Title
ROAD CROSS SECTIONS
GRANITE CRESCENT
SHEET 1 OF 2

Sheet 28 of 55

Scale
1:100 H 1:50 V @ A1

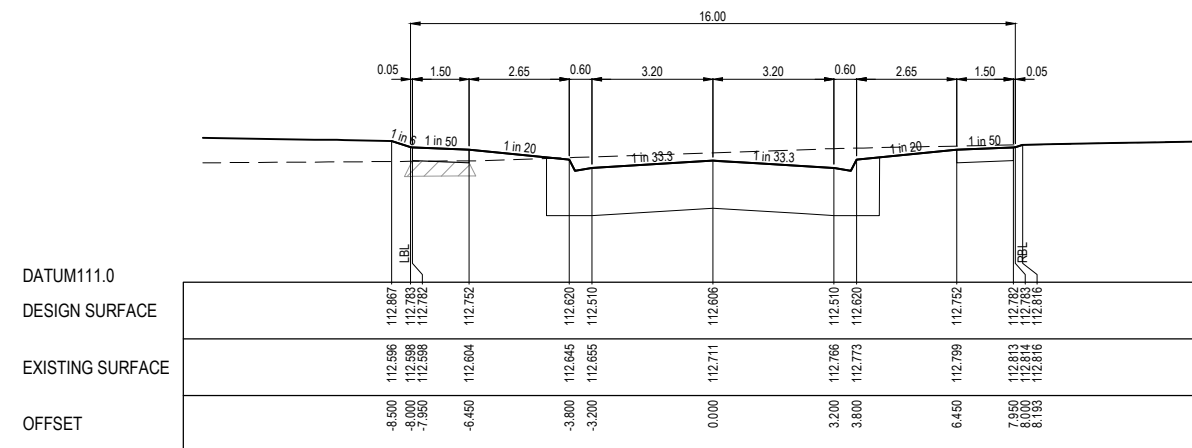
Project Ref Stage No Drawing No Rev
1801127 01 208 P2

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

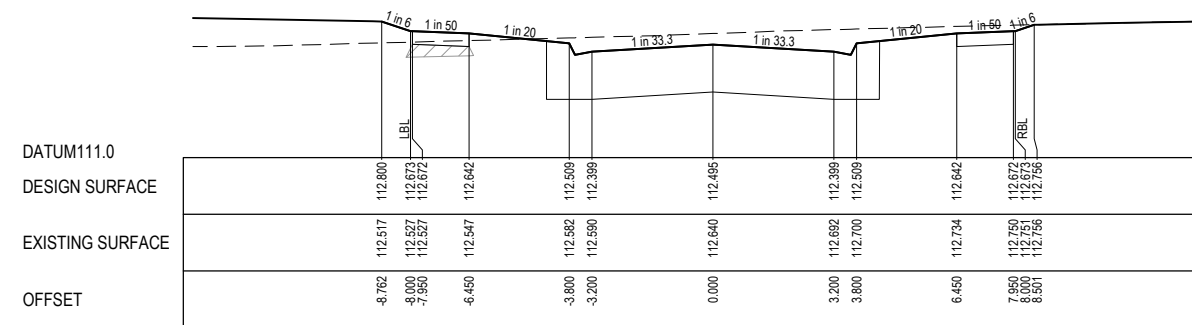
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—	DESIGN SURFACE
	STRUCTURAL FILL



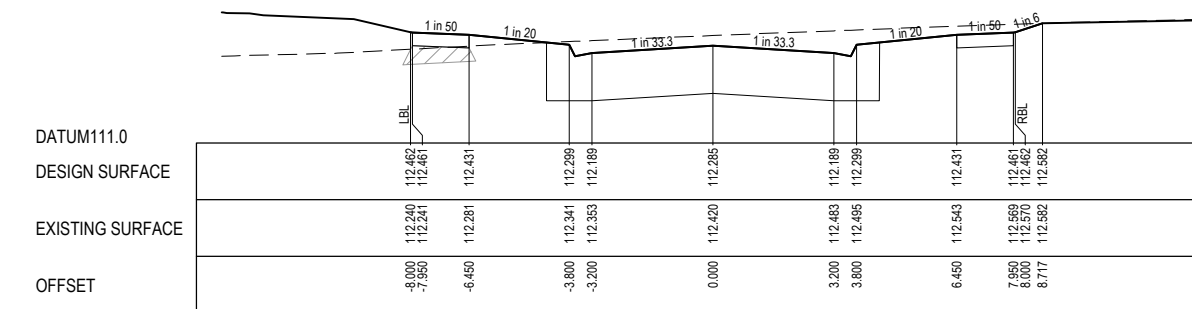
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DETAILED ENGINEERING PLANS
 Nihal Jayasekara
 ENGINEERING SERVICES
 Date: 31/05/2024



RTPCH 234.710



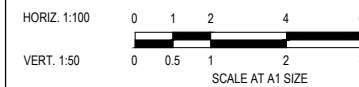
CH 228.388



CH 208.333

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



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Checked	J.MONGAN
Date	05.04.2022
Approved	J. MONGAN
Reg. No.	PS0003698
Date	05.04.2022
PS Number	PS842547E

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Project Details	PARKGLEN STAGE 01 MELTON CITY COUNCIL
Drawing Title	ROAD CROSS SECTIONS GRANITE CRESCENT SHEET 2 OF 2

Sheet 29 of 55

Scale 1:100 H 1:50 V @ A1

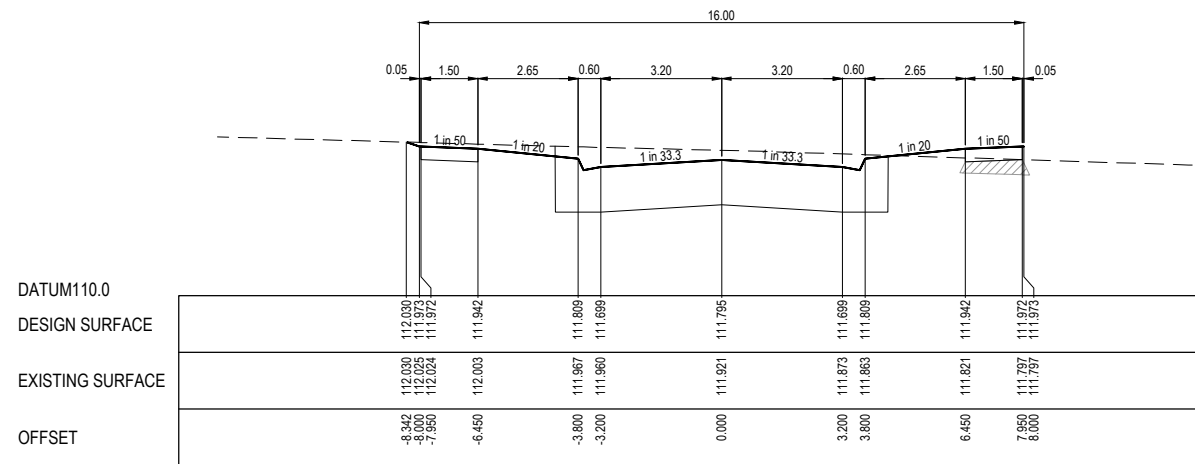
Project Ref	Stage No	Drawing No	Rev
1801127	01	209	P2

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

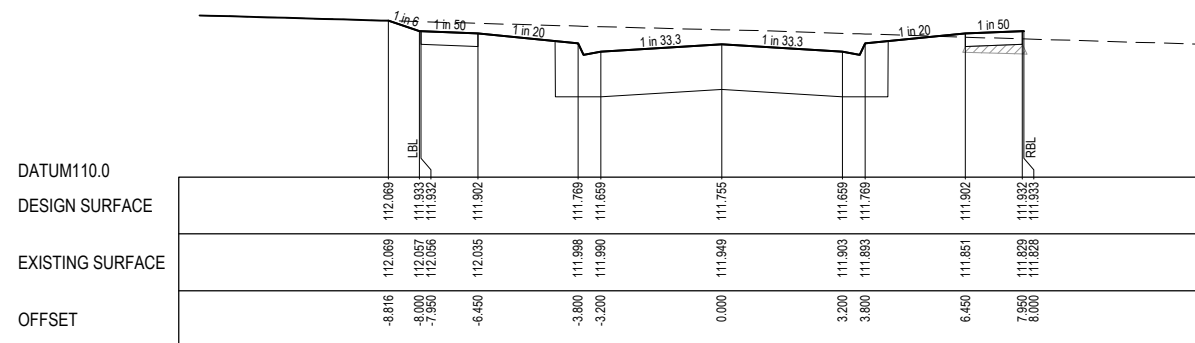
LEGEND	
---	EXISTING SURFACE
—	DESIGN SURFACE
	STRUCTURAL FILL



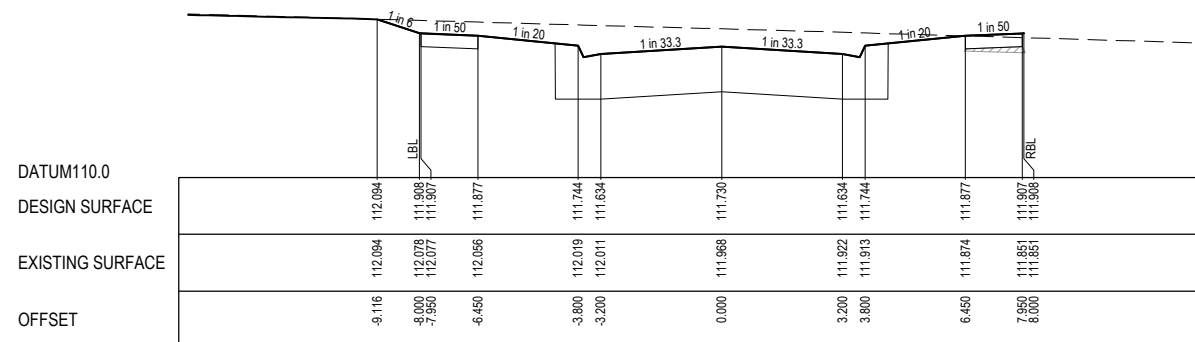
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Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024



CH 27.427 (LIMIT OF WORKS)



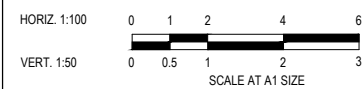
CH 19.440



RTPCH 14.496

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
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 PS Number PS842547E

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Project Details
 PARKGLEN
 STAGE 01
 MELTON CITY COUNCIL
 Drawing Title
 ROAD CROSS SECTIONS
 MERCURY AVENUE

Sheet 30 of 55

Scale
 1:100 H 1:50 V @ A1

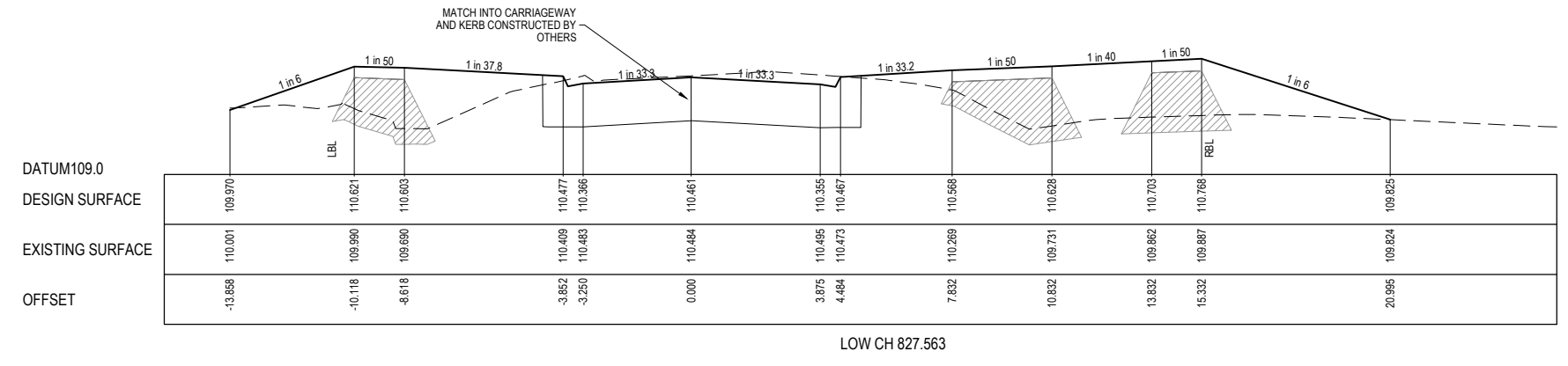
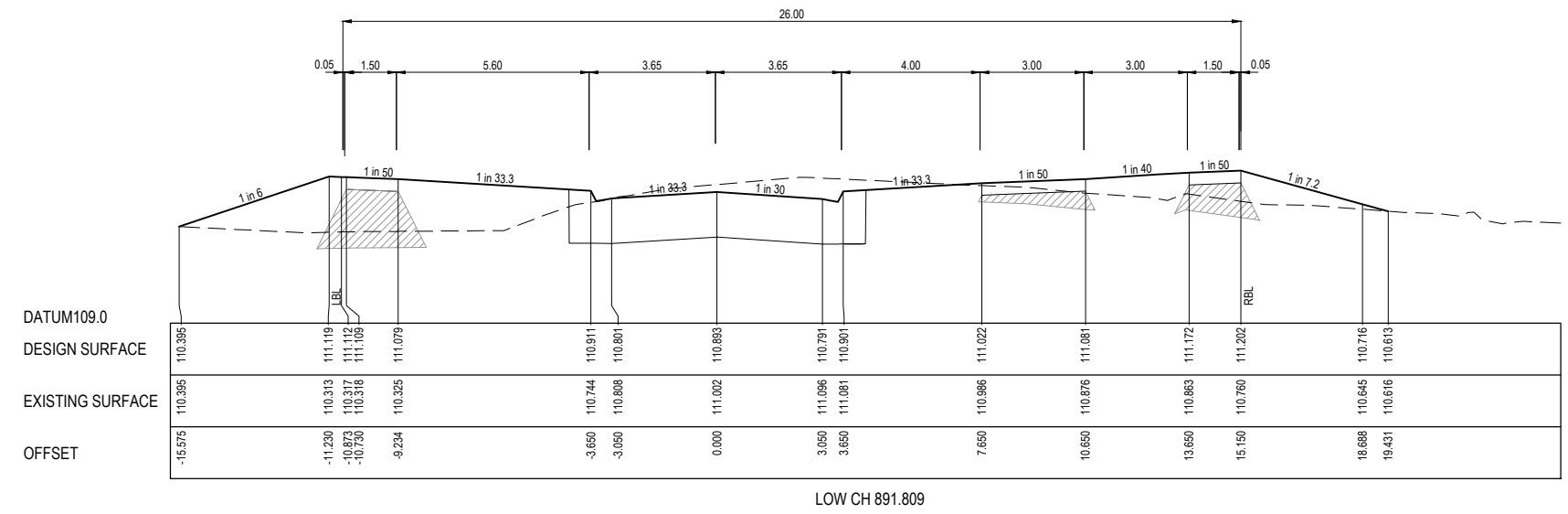
Project Ref	Stage No	Drawing No	Rev
1801127	01	210	P2

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

LEGEND	
---	EXISTING SURFACE
—	DESIGN SURFACE
	STRUCTURAL FILL



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Nihal Jayasekara
ENGINEERING SERVICES
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P3

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P3	PLUMPTON ROAD ROUNDABOUT LOW	23.05.24	NG	NG					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					




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 Date 04.04.2022
 Drawn L.SUTHERLAND
 Checked J.MONGAN
 Date 05.04.2022
 Approved J.MONGAN
 Reg. No. PE0003498
 Date 05.04.2022
 PS Number PS842547E


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Project Details
 PARKGLEN
 STAGE 01
 MELTON CITY COUNCIL
 Drawing Title
 ROAD CROSS SECTIONS
 PLUMPTON ROAD

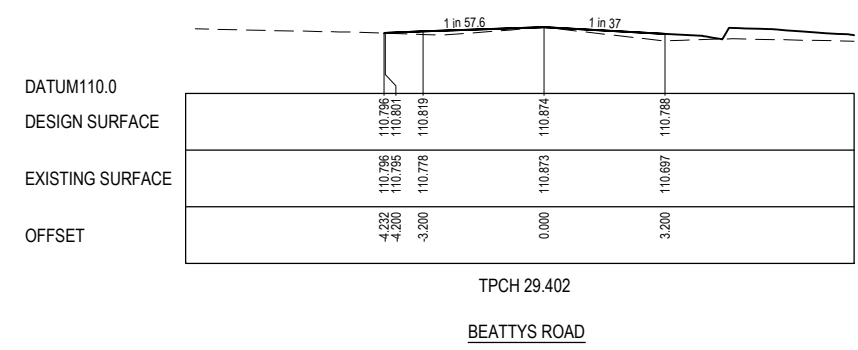
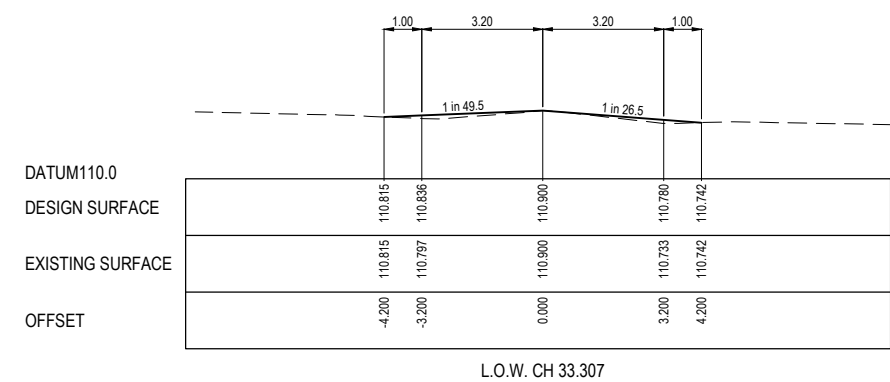
Sheet	31 of 55
Scale	1:100 H 1:50 V @ A1
Project Ref	1801127
Stage No	01
Drawing No	211
Rev	P3

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

LEGEND	
---	EXISTING SURFACE
—	DESIGN SURFACE
	STRUCTURAL FILL



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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed K. LIM WAN
Date 04.04.2022
Drawn L.SUTHERLAND
Checked J.MONGAN
Date 05.04.2022
Approved J. MONGAN
Reg. No. PE0003498
Date 05.04.2022
PS Number PS842547E



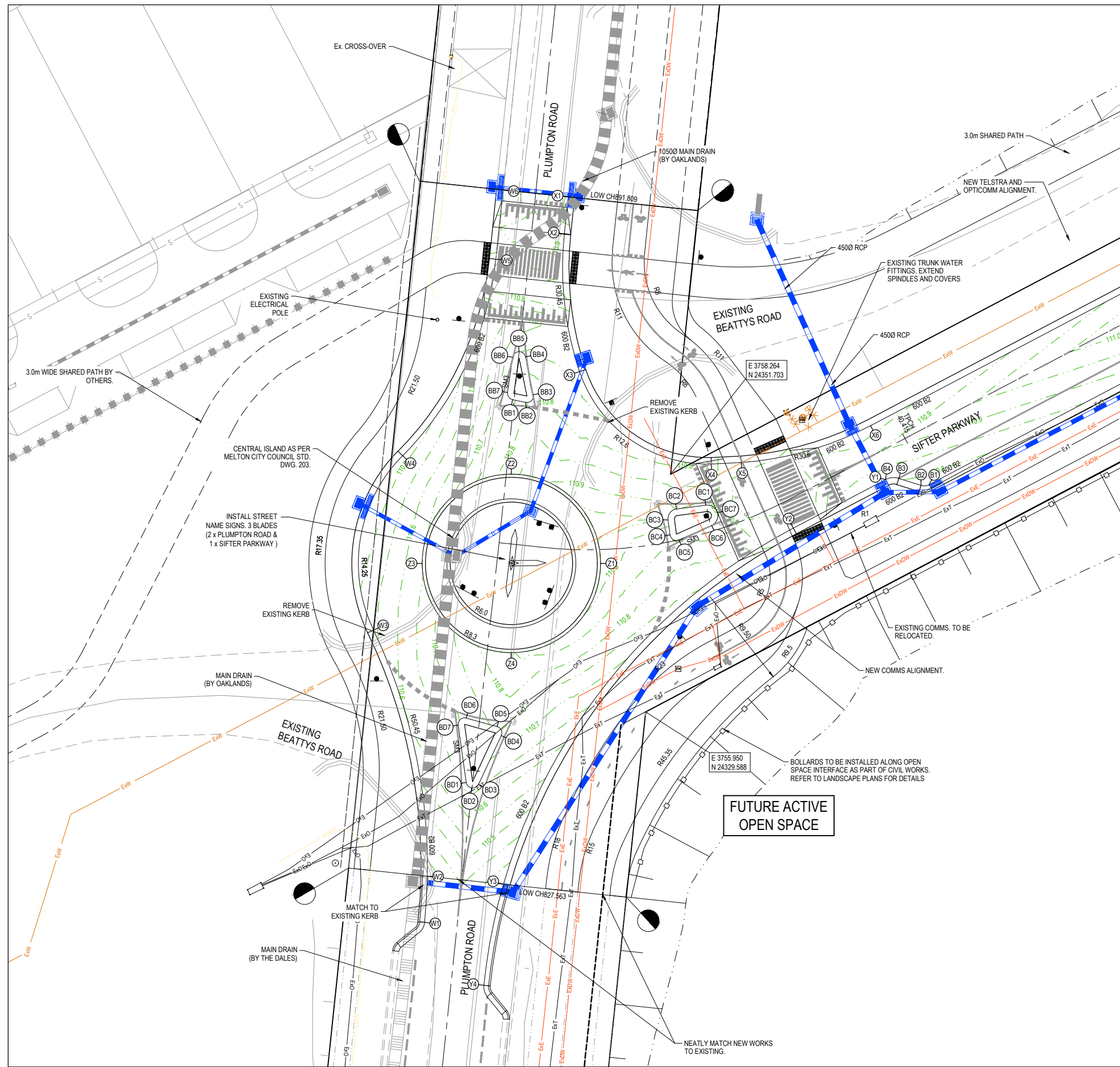
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Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL
Drawing Title
ROAD CROSS SECTIONS
BEATTYS ROAD

Sheet	32 of 55
Scale	1:100 H 1:50 V @ A1
Project Ref	1801127
Stage No	01
Drawing No	212
Rev	P2

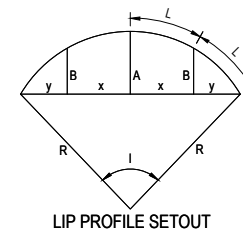


**APPROVED
DETAILED ENGINEERING PLANS**
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024



LEGEND

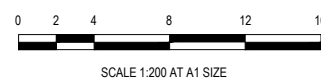
- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
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- EXISTING HOUSE DRAIN
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- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
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- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY



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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P3	PLUMPTON ROAD ROUNDABOUT	23.05.24	NG	NG					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed K. LIM WAN
Date 04.04.2022
Drawn L.SUTHERLAND
Checked J. MONGAN
Date 05.04.2022
Approved J. MONGAN
Reg. No. PE0009498
Date 05.04.2022
PS Number PS842547E

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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL
Drawing Title
INTERSECTION DETAILS
(SHEET 1 OF 10)

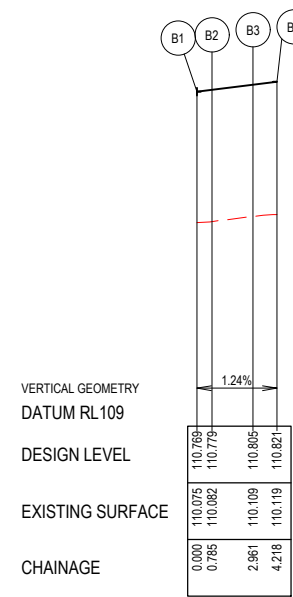
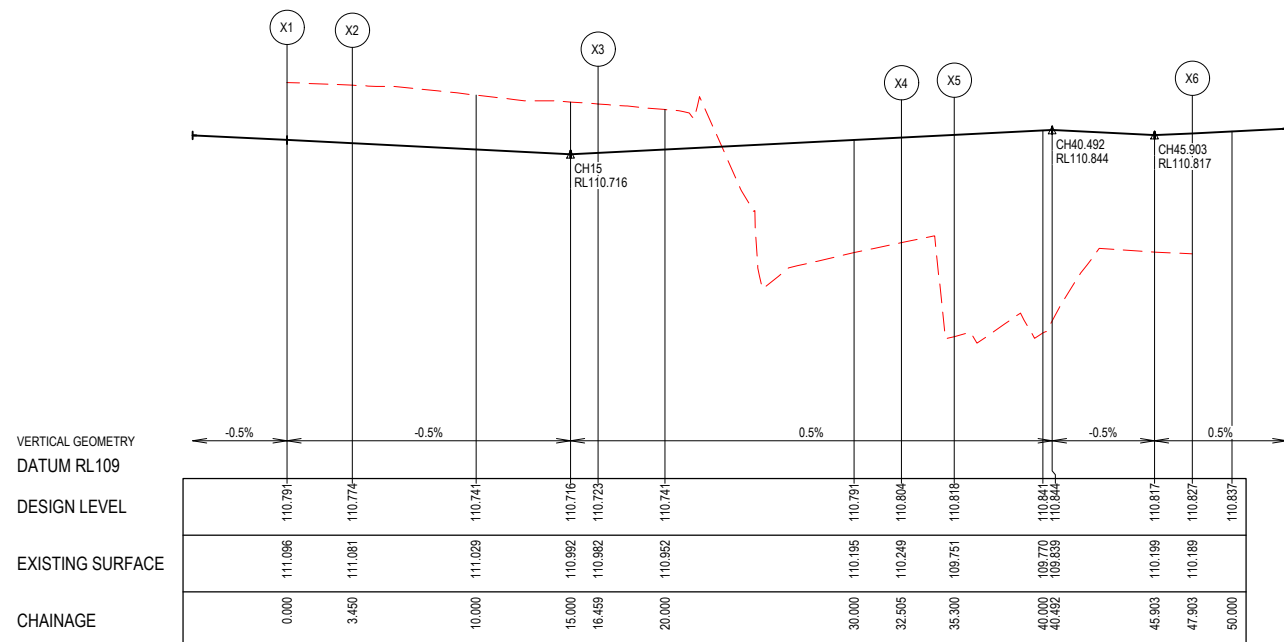
Sheet 33 of 55

Scale 1:200 @ A1

Project Ref 1801127
Stage No 01
Drawing No 300
Rev P3



**APPROVED
DETAILED ENGINEERING PLANS**
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024



KERB RETURNS

LIP LINE B

Point no	Easting	Northing	RL
B1	3782.345	24350.746	110.769
B2	3781.583	24350.676	110.779
B3	3779.505	24351.322	110.805
B4	3778.286	24351.211	110.821

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
B1 - B2	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	110.774
B3 - B4	45.000	1.600	1.257	0.122	0.091	0.312	0.300	0.314	110.813

LIP LINE W

Point no	Easting	Northing	RL
W1	3735.353	24310.013	110.267
W2	3735.618	24314.300	110.366
W3	3730.604	24337.207	110.540
W4	3733.321	24353.443	110.477
W5	3741.992	24371.728	110.710
W6	3742.665	24378.159	110.801

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
W1 - W2	4.880	50.450	4.297	0.046	0.034	1.074	1.074	1.074	110.317
W2 - W3	26.877	50.450	23.666	1.381	1.035	5.903	5.822	5.916	110.586
W3 - W4	70.567	14.250	17.551	2.618	1.947	4.319	3.912	4.388	110.463
W4 - W5	38.815	30.450	20.629	1.730	1.295	5.133	4.986	5.157	110.561

LIP LINE X

Point no	Easting	Northing	RL
X1	3748.732	24377.524	110.791
X2	3748.373	24374.092	110.774
X3	3749.783	24361.260	110.723
X4	3762.056	24352.664	110.804
X5	3764.848	24352.801	110.818
X6	3776.881	24356.234	110.827

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
X2 - X3	24.478	30.450	13.009	0.692	0.519	3.246	3.209	3.252	110.741
X3 - X4	72.966	12.600	16.046	2.469	1.836	3.944	3.548	4.012	110.784
X4 - X5	2.649	60.450	2.795	0.016	0.012	0.699	0.699	0.699	110.811
X5 - X6	23.597	30.600	12.603	0.647	0.484	3.145	3.112	3.151	110.838

LIP LINE Y

Point no	Easting	Northing	RL
Y1	3778.286	24351.211	110.821
Y2	3769.698	24346.698	110.803
Y3	3742.703	24313.559	110.355
Y4	3740.875	24304.164	110.137

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
Y2 - Y3	46.220	54.450	43.924	4.369	3.266	10.907	10.465	10.981	110.683
Y3 - Y4	10.085	54.450	9.584	0.211	0.158	2.395	2.391	2.396	110.247

LIP LINE Z

Point no	Easting	Northing	RL
Z1	3751.735	24343.406	110.922
Z2	3743.435	24351.706	110.831
Z3	3735.135	24343.406	110.644
Z4	3743.435	24335.106	110.846

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
Z1 - Z2	90.000	8.300	13.038	2.431	1.799	3.176	2.693	3.259	110.940
Z2 - Z3	90.000	8.300	13.038	2.431	1.799	3.176	2.693	3.259	110.692
Z3 - Z4	90.000	8.300	13.038	2.431	1.799	3.176	2.693	3.259	110.735
Z4 - Z1	90.000	8.300	13.038	2.431	1.799	3.176	2.693	3.259	110.894

ROUNDBOUT ISLANDS

LIP LINE BB

Point no	Easting	Northing	RL
BB1	3743.552	24358.653	110.737
BB2	3744.770	24358.395	110.792
BB3	3745.482	24359.105	110.845
BB4	3744.747	24362.638	110.764
BB5	3744.142	24363.116	110.745
BB6	3743.566	24362.603	110.723
BB7	3743.083	24359.328	110.734

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
BB2 - BB3	113.699	0.600	1.191	0.272	0.200	0.286	0.217	0.298	110.819
BB4 - BB5	79.931	0.600	0.837	0.140	0.104	0.205	0.180	0.209	110.754
BB5 - BB6	79.931	0.600	0.837	0.140	0.104	0.205	0.180	0.209	110.733
BB7 - BB1	86.439	0.600	0.905	0.163	0.121	0.221	0.190	0.226	110.736

LIP LINE BC

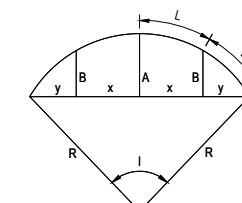
Point no	Easting	Northing	RL
BC1	3761.539	24348.836	110.916
BC2	3758.804	24348.467	110.896
BC3	3758.032	24347.458	110.937
BC4	3758.214	24346.068	110.851
BC5	3759.052	24345.598	110.853
BC6	3762.084	24346.942	110.890
BC7	3762.629	24348.124	110.903

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
BC2 - BC3	89.812	0.900	1.411	0.263	0.194	0.344	0.292	0.353	110.925
BC4 - BC5	106.441	0.600	1.115	0.241	0.177	0.269	0.212	0.279	110.852
BC6 - BC7	81.609	0.996	1.418	0.242	0.180	0.347	0.304	0.355	110.897
BC7 - BC1	81.609	0.996	1.418	0.242	0.180	0.347	0.304	0.355	110.910

LIP LINE BD

Point no	Easting	Northing	RL
BD1	3739.241	24323.023	
BD2	3739.747	24322.513	110.666
BD3	3740.379	24322.853	110.662
BD4	3742.495	24327.394	110.737
BD5	3742.110	24328.225	110.763
BD6	3739.243	24329.017	110.712
BD7	3738.490	24328.355	110.692

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
BD1 - BD2	73.499	0.600	0.770	0.119	0.089	0.189	0.170	0.192	110.668
BD2 - BD3	73.499	0.600	0.770	0.119	0.089	0.189	0.170	0.192	110.664
BD4 - BD5	99.550	0.600	1.042	0.213	0.157	0.253	0.206	0.261	110.751
BD6 - BD7	113.452	0.600	1.188	0.271	0.199	0.285	0.217	0.297	110.702

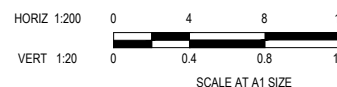


LIP PROFILE SETOUT

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P3	PLUMPTON ROAD ROUNDABOUT	23.05.24	NG	NG					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed by **K. LIM WAN**
Date: 04.04.2022
Drawn by **L.SUTHERLAND**
Checked by **J.MONGAN**
Date: 05.04.2022
Approved by **J.MONGAN**
Reg. No. PS0005496
Date: 05.04.2022
PS Number **PS842547E**

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Project Details
**PARKGLEN
STAGE 01
MELTON CITY COUNCIL**

Drawing Title
**INTERSECTION DETAILS
(SHEET 2 OF 10)**

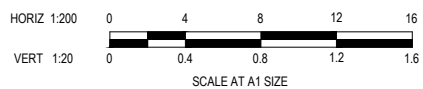
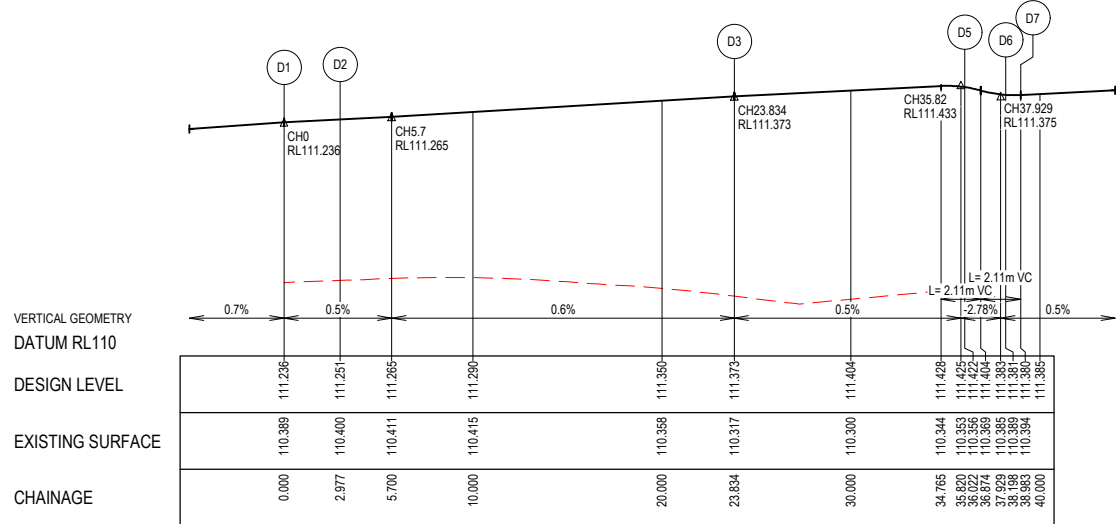
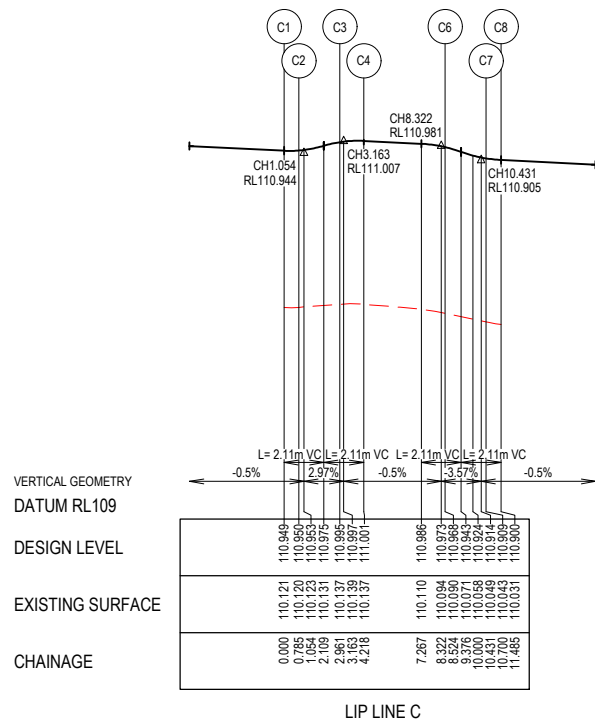
Sheet **34** of **55**

Scale
1:200 H 1:20 V @ A1

Project Ref **1801127** Stage No **01** Drawing No **301** Rev **P3**

CITY OF MELTON

**APPROVED
DETAILED ENGINEERING PLANS**
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024



LIP LINE C

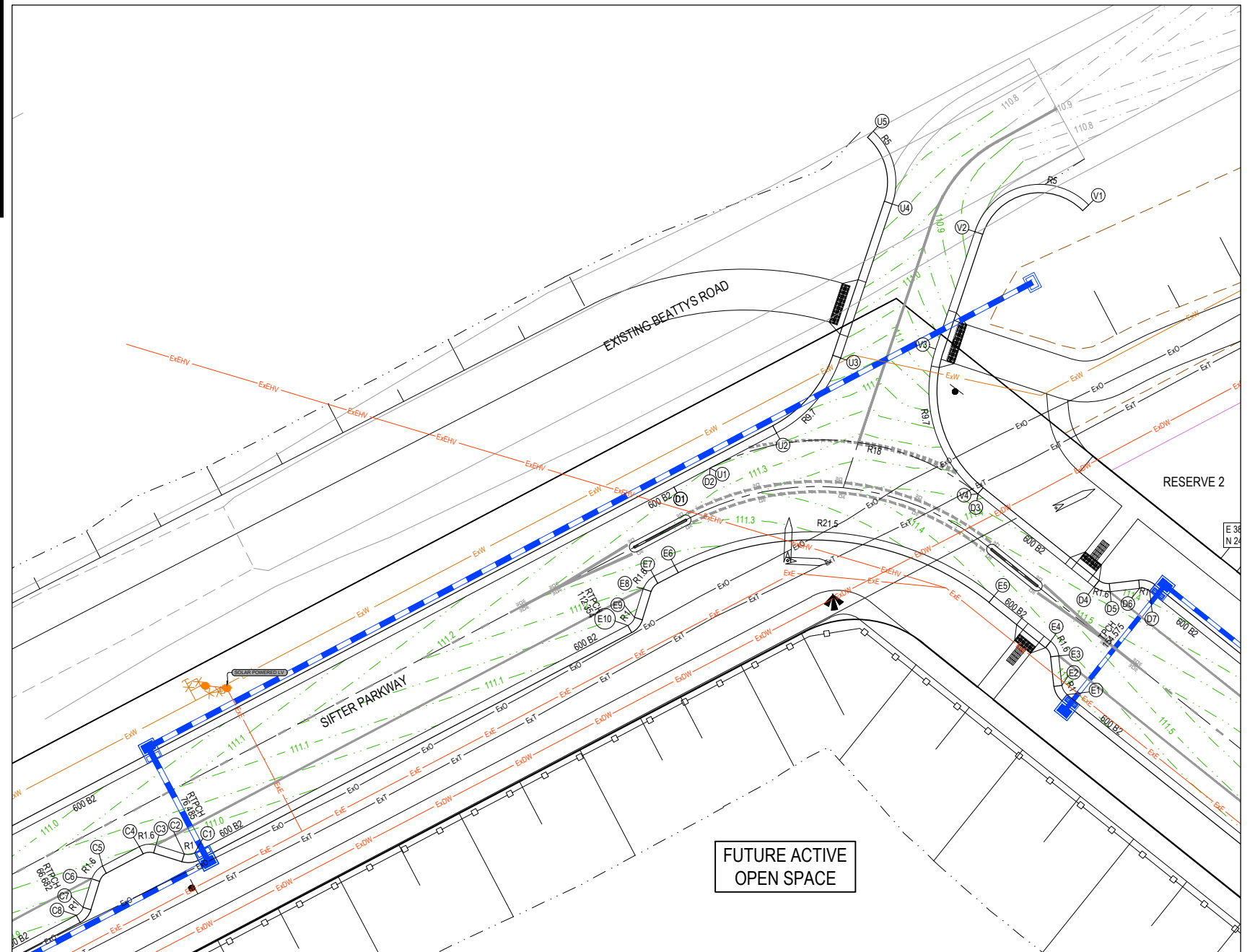
Point no	Easting	Northing	RL
C1	3814.265	24367.521	110.949
C2	3813.503	24367.452	110.950
C3	3811.425	24368.098	110.995
C4	3810.206	24367.986	111.001
C5	3807.506	24366.568	110.986
C6	3806.723	24365.626	110.968
C7	3806.077	24363.549	110.909
C8	3805.587	24362.961	110.900

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
C1 - C2	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	110.949
C3 - C4	45.000	1.600	1.257	0.122	0.091	0.312	0.300	0.314	111.001
C5 - C6	45.000	1.600	1.257	0.122	0.091	0.312	0.300	0.314	110.980
C7 - C8	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	110.903

LIP LINE D

Point no	Easting	Northing	RL
D1	3849.403	24394.347	111.236
D2	3852.038	24395.732	111.251
D3	3871.658	24393.853	111.373
D4	3880.193	24387.023	111.428
D5	3881.369	24386.682	111.422
D6	3883.531	24386.922	111.381
D7	3884.267	24386.709	111.380

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
D2 - D3	66.390	18.000	20.857	2.937	2.187	5.142	4.713	5.214	111.311
D4 - D5	45.000	1.600	1.257	0.122	0.091	0.312	0.300	0.314	111.428
D6 - D7	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	111.379



LEGEND

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
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LIP PROFILE SETOUT

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P4	SPLITTER ISLANDS & TGSIS AMENDED	16.09.22	LS	SY					
P3	KERB LINE U EXTENDED	31.08.22	JM	JM					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



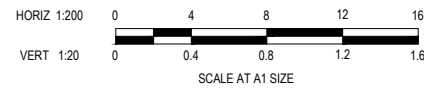
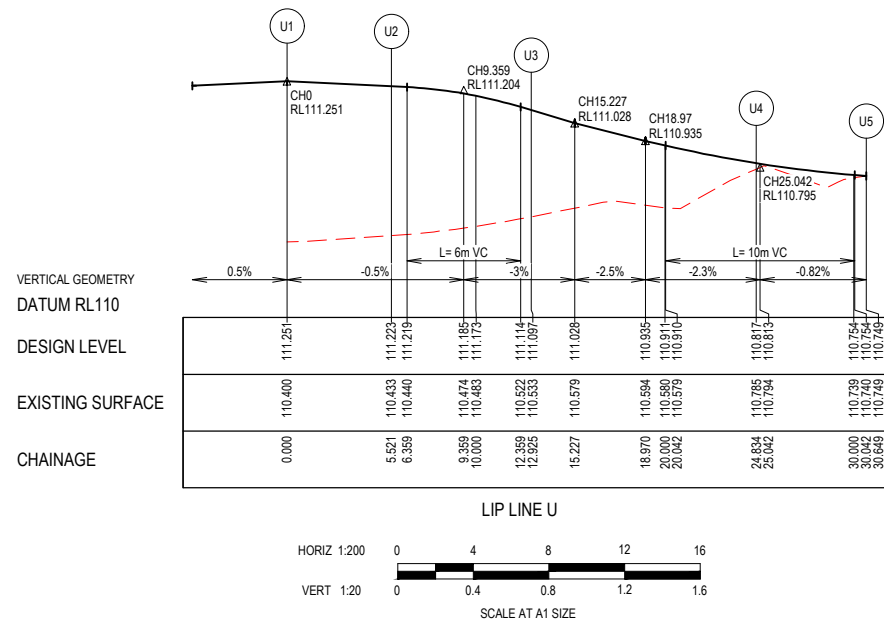
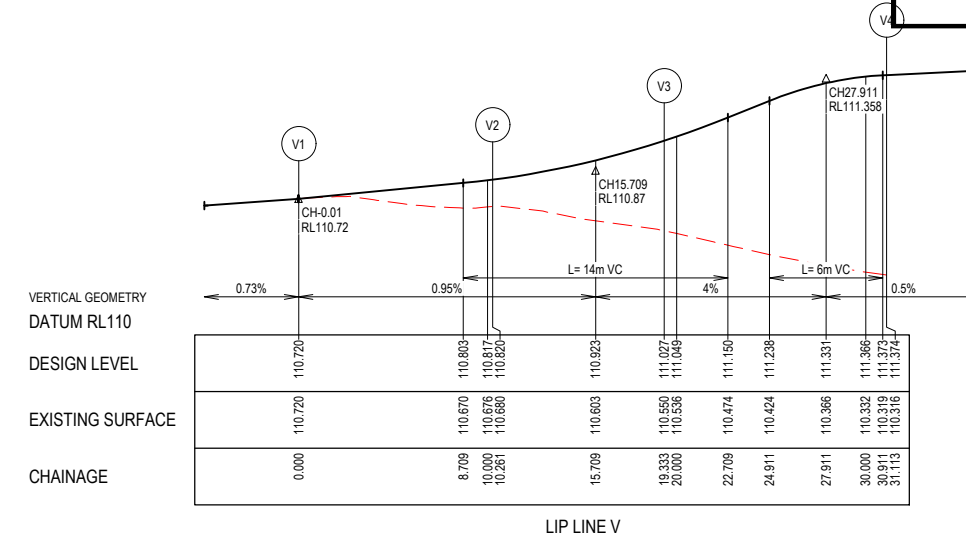
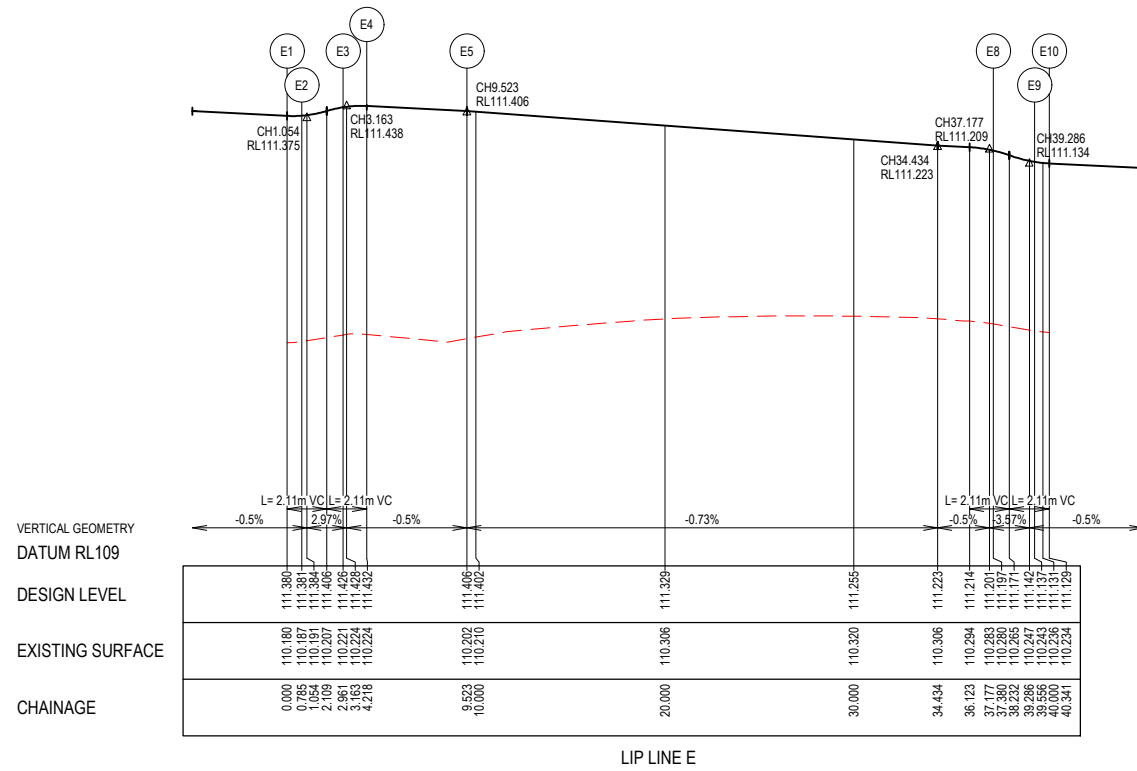
Designed: K. LIM WAN
Date: 04.04.2022
Drawn: L.SUTHERLAND
Checked: J.MONGAN
Date: 05.04.2022
Approved: J.MONGAN
Reg. No. PE0005496
Date: 05.04.2022
PS Number: PS842547E

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Project: PARKGLEN STAGE 01 MELTON CITY COUNCIL
Drawing Title: INTERSECTION DETAILS (SHEET 3 OF 10)

Sheet 35 of 55
Scale: 1:200 @ A1

Project Ref: 1801127
Stage No: 01
Drawing No: 302
Rev: P4



LIP LINE E

Point no	Easting	Northing	RL
E1	3878.206	24379.135	111.380
E2	3877.837	24379.805	111.381
E3	3877.597	24381.968	111.426
E4	3877.006	24383.041	111.432
E5	3872.864	24386.355	111.406
E6	3849.430	24388.600	111.223
E7	3847.935	24387.815	111.214
E8	3847.152	24386.873	111.197
E9	3846.506	24384.796	111.137
E10	3846.016	24384.208	111.129

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
E1-E2	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	111.379
E3-E4	45.000	1.600	1.257	0.122	0.091	0.312	0.300	0.314	111.432
E5-E6	66.390	21.500	24.913	3.509	2.613	6.141	5.630	6.228	111.314
E7-E8	45.000	1.600	1.257	0.122	0.091	0.312	0.300	0.314	111.208
E9-E10	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	111.132

LIP LINE U

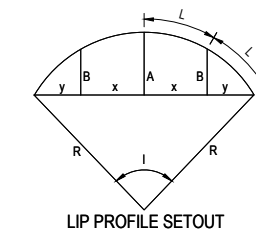
Point no	Easting	Northing	RL
U1	3852.038	24395.732	111.251
U2	3856.925	24398.300	111.223
U3	3861.609	24403.802	111.097
U4	3865.390	24415.094	110.817
U5	3863.987	24420.405	110.749

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
U2-U3	43.730	9.700	7.403	0.698	0.522	1.840	1.773	1.851	111.188
U4-U5	66.632	5.000	5.815	0.822	0.612	1.433	1.313	1.454	110.777

LIP LINE V

Point no	Easting	Northing	RL
V1	3879.787	24415.011	110.720
V2	3871.459	24413.062	110.820
V3	3868.578	24404.459	111.027
V4	3871.681	24393.833	111.374

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
V1-V2	117.579	5.000	10.261	2.409	1.765	2.454	1.822	2.565	110.769
V3-V4	69.585	9.700	11.781	1.734	1.290	2.900	2.635	2.945	111.250



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P3	KERB LINE U EXTENDED	31.08.22	JM	JM					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					

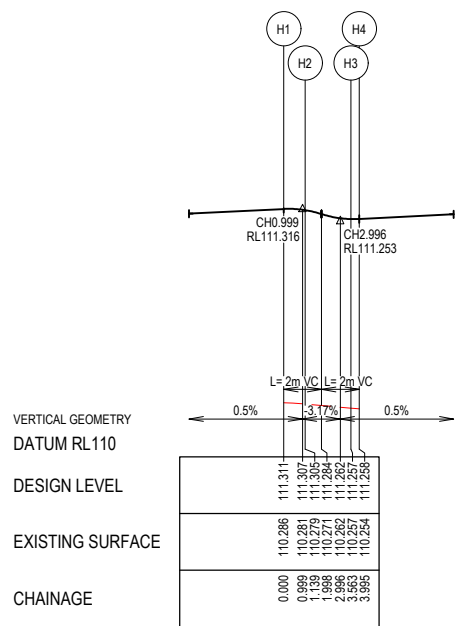
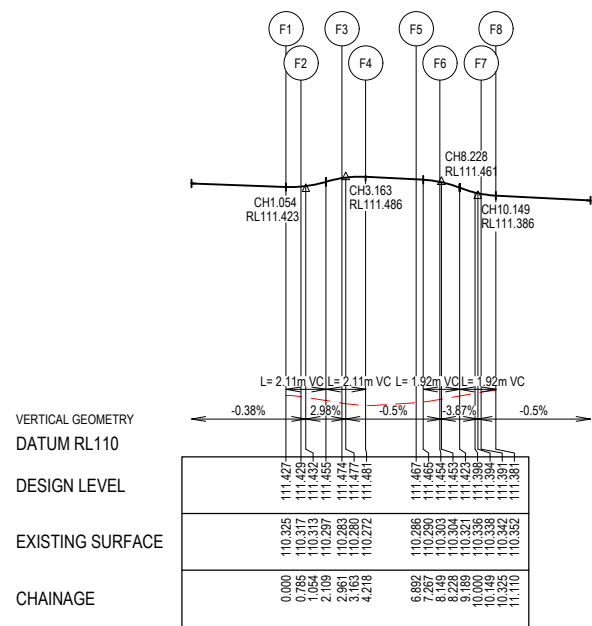


Designed: K. LIM WAN
 Date: 04.04.2022
 Drawn: L.SUTHERLAND
 Checked: J.MONGAN
 Date: 05.04.2022
 Approved: J.MONGAN
 Reg. No. PS2009498
 Date: 05.04.2022
 PS Number: PS842547E

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Project Details: PARKGLEN STAGE 01 MELTON CITY COUNCIL
 Drawing Title: INTERSECTION DETAILS (SHEET 4 OF 10)

Sheet 36 of 55
 Scale: 1:200 @ A1
 Project Ref: 1801127
 Stage No: 01
 Drawing No: 303
 Rev: P3



LIP LINE F

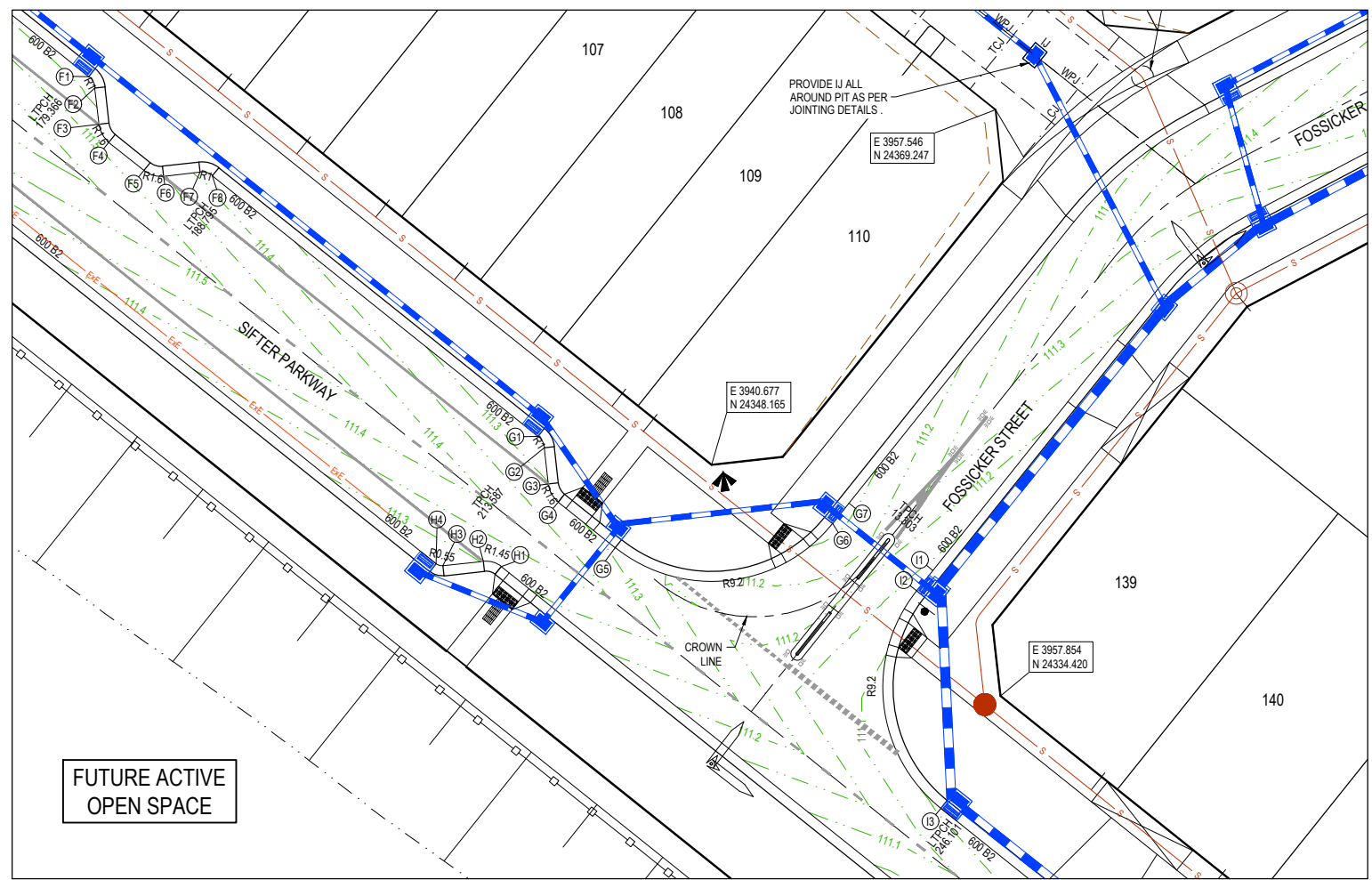
Point no	Easting	Northing	RL
F1	3903.624	24371.219	111.427
F2	3903.993	24370.549	111.429
F3	3904.233	24368.386	111.474
F4	3904.824	24367.313	111.481
F5	3906.912	24365.642	111.467
F6	3908.088	24365.301	111.454
F7	3910.250	24365.541	111.391
F8	3910.986	24365.328	111.381

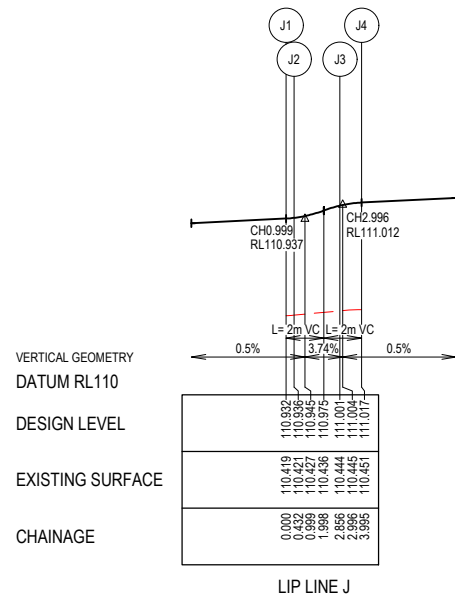
Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
F1 - F2	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	111.427
F3 - F4	45.000	1.600	1.257	0.122	0.091	0.312	0.300	0.314	111.481
F5 - F6	45.000	1.600	1.257	0.122	0.091	0.312	0.300	0.314	111.464
F7 - F8	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	111.385

LIP LINE H

Point no	Easting	Northing	RL
H1	3928.162	24342.106	111.311
H2	3927.096	24342.415	111.305
H3	3924.687	24342.148	111.257
H4	3924.283	24342.265	111.258

Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
H1 - H2	45.000	1.450	1.139	0.110	0.083	0.283	0.272	0.285	111.311
H3 - H4	45.000	0.550	0.432	0.042	0.031	0.107	0.103	0.108	111.257

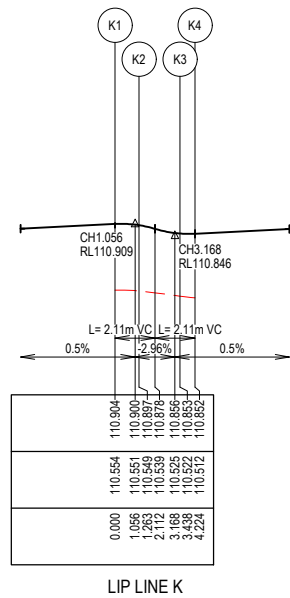




LIP LINE J

Point no	Easting	Northing	RL
J1	3955.693	24317.131	110.932
J2	3955.490	24317.499	110.936
J3	3955.222	24319.909	111.001
J4	3954.687	24320.881	111.017

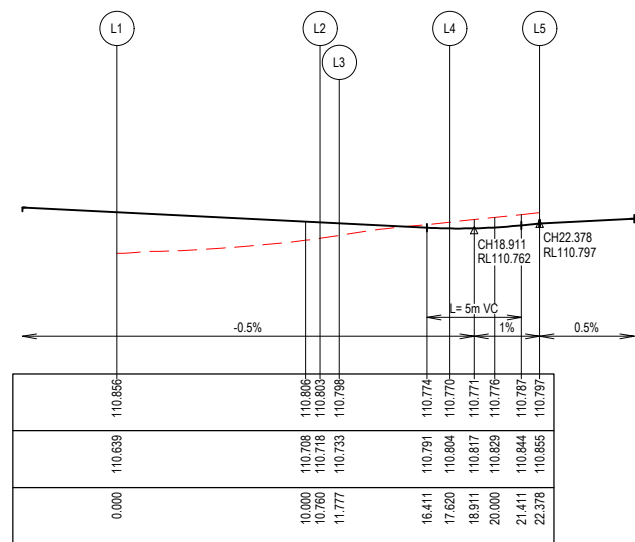
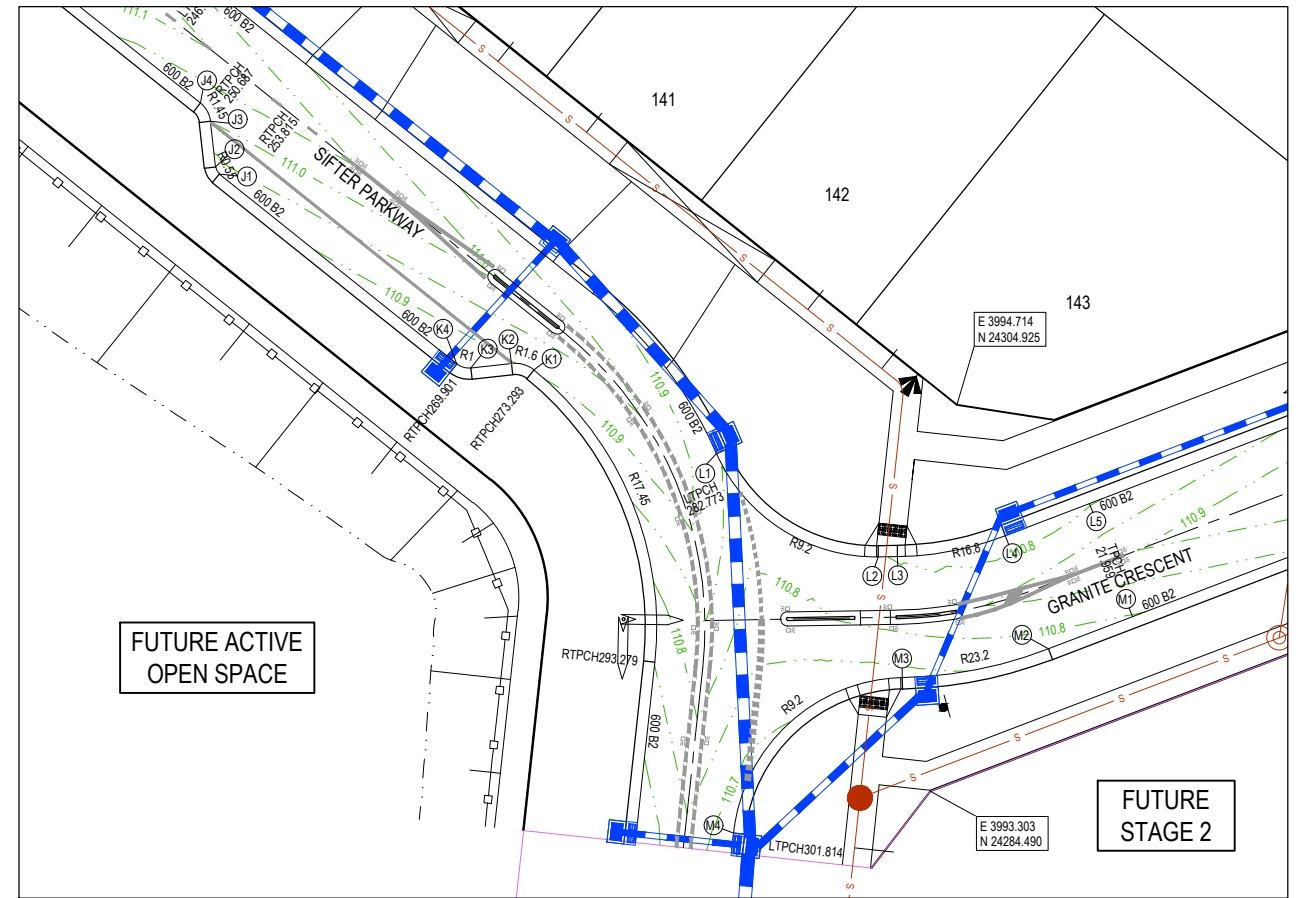
Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
J1 - J2	45.000	0.550	0.432	0.042	0.031	0.107	0.103	0.108	110.934
J3 - J4	45.000	1.450	1.139	0.110	0.083	0.283	0.272	0.285	111.011



LIP LINE K

Point no	Easting	Northing	RL
K1	3972.330	24306.763	110.904
K2	3971.150	24307.107	110.897
K3	3968.987	24306.867	110.853
K4	3968.252	24307.080	110.852

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
K1 - K2	45.214	1.600	1.263	0.123	0.092	0.314	0.301	0.316	110.904
K3 - K4	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	110.851

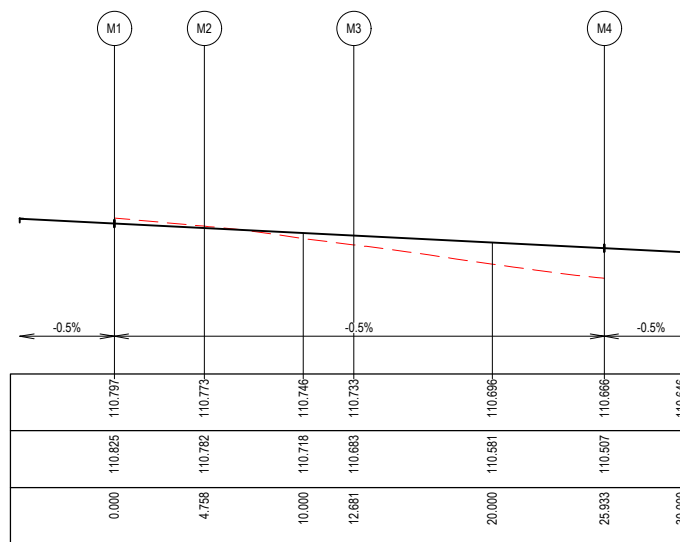
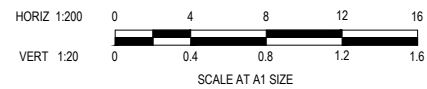


LIP LINE L

LIP LINE L

Point no	Easting	Northing	RL
L1	3981.983	24302.337	110.856
L2	3990.547	24296.875	110.803
L3	3991.563	24296.892	110.798
L4	3997.271	24297.935	110.770
L5	4001.717	24299.693	110.797

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
L1 - L2	67.011	9.200	10.760	1.529	1.138	2.652	2.427	2.690	110.829
L3 - L4	19.927	16.800	5.843	0.253	0.190	1.459	1.448	1.461	110.783



LIP LINE M

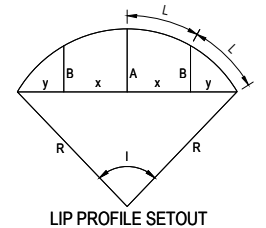
LIP LINE M

Point no	Easting	Northing	RL
M1	4004.000	24293.714	110.797
M2	3999.555	24292.016	110.773
M3	3991.818	24290.496	110.733
M4	3982.885	24282.282	110.666

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
M2 - M3	19.566	23.200	7.923	0.337	0.253	1.978	1.964	1.981	110.753
M3 - M4	82.529	9.200	13.252	2.285	1.695	3.242	2.826	3.313	110.699

CITY OF MELTON

**APPROVED
DETAILED ENGINEERING PLANS**
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024



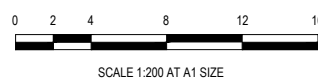
LEGEND

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P3	SPLITTER ISLANDS & TGSIS AMENDED	16.09.22	LS	SY					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed K. LIM WAN
Date 04.04.2022
Drawn L.SUTHERLAND
Checked J. MONGAN
Date 05.04.2022
Approved J. MONGAN
Reg. No. PS0005498
Date 05.04.2022
PS Number PS842547E

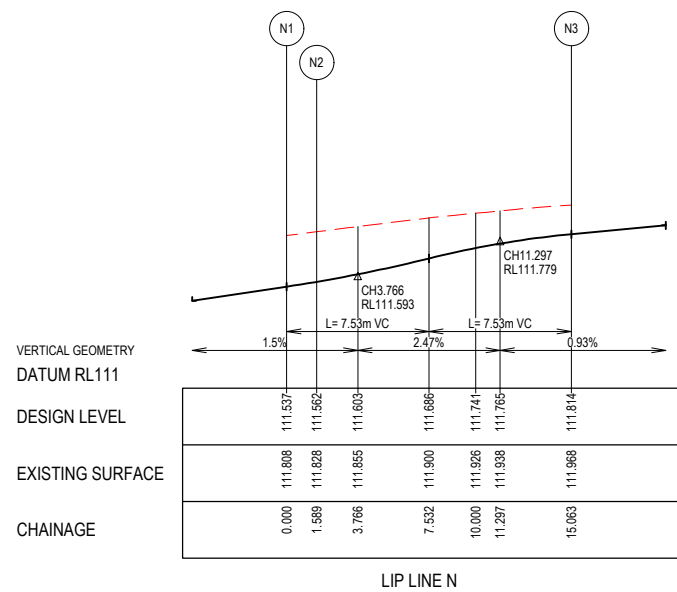
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Development & Infrastructure Consultants
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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL
Drawing Title
INTERSECTION DETAILS
(SHEET 6 OF 10)

Sheet 38 of 55

Scale 1:200 @ A1

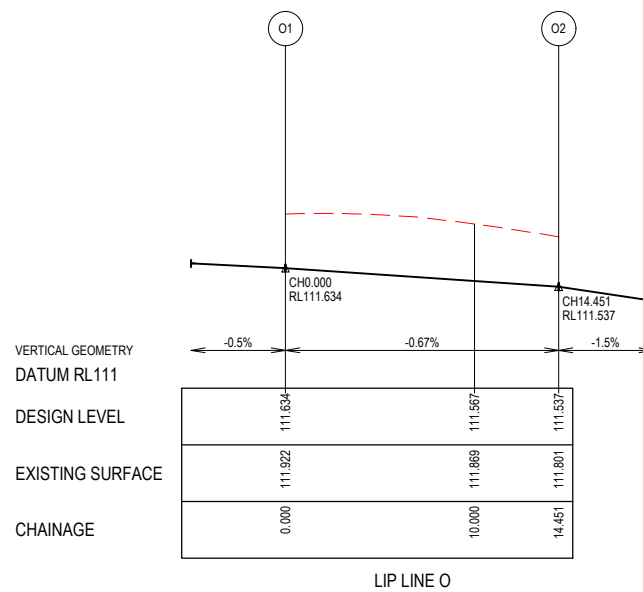
Project Ref 1801127
Stage No 01
Drawing No 305
Rev P3



LIP LINE N

Point no	Easting	Northing	RL
N1	4060.437	24322.117	111.537
N2	4061.921	24322.683	111.562
N3	4067.533	24333.631	111.814

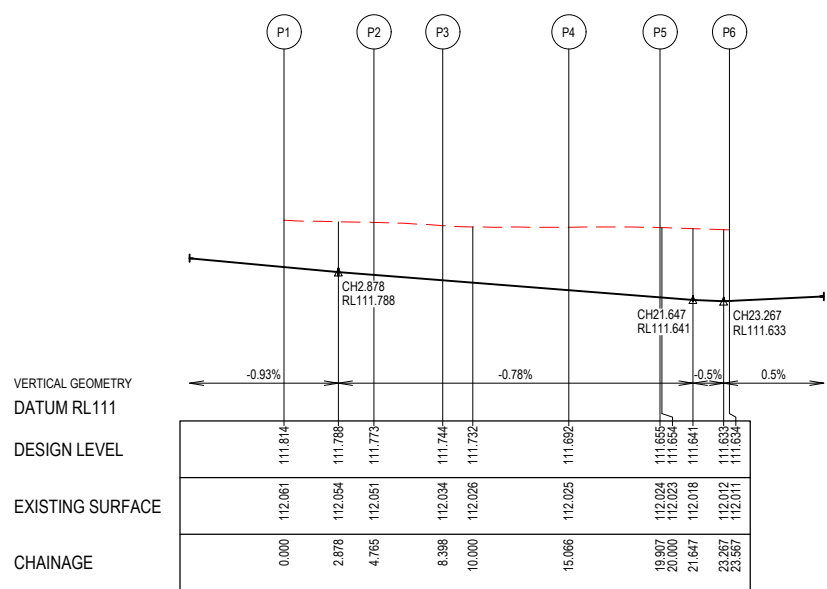
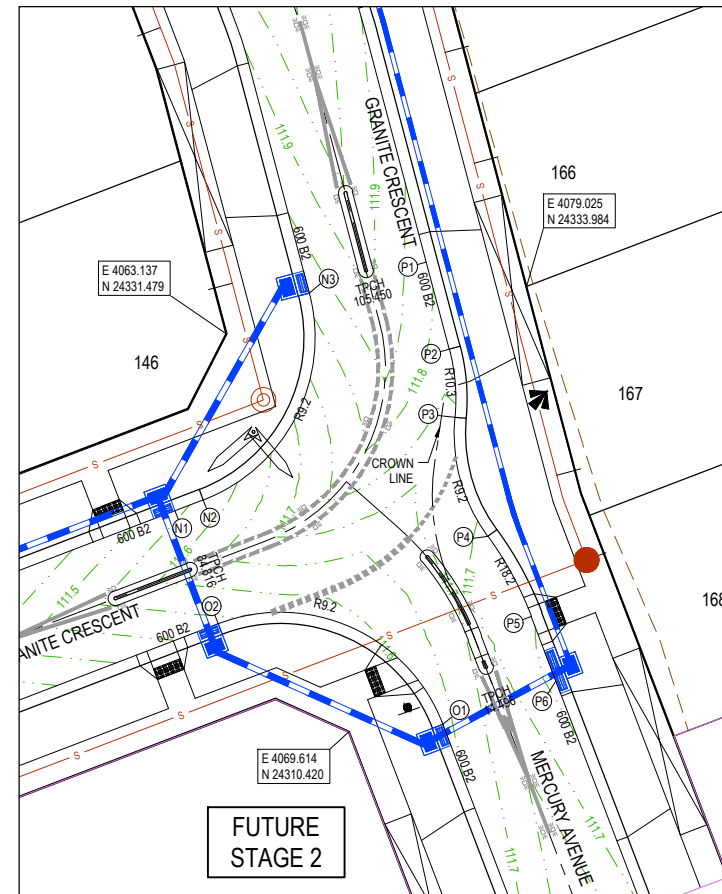
Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
N2 - N3	83.915	9.200	13.474	2.358	1.749	3.294	2.857	3.369	111.705



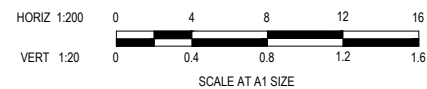
LIP LINE O

Point no	Easting	Northing	RL
O1	4074.597	24310.825	111.634
O2	4062.720	24316.138	111.537

Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
O1 - O2	90.000	9.200	14.451	2.695	1.994	3.521	2.985	3.613	111.604



LIP LINE P



LIP LINE P

Point no	Easting	Northing	RL
P1	4073.721	24335.267	111.814
P2	4074.939	24330.661	111.773
P3	4075.236	24327.059	111.744
P4	4076.965	24320.769	111.692
P5	4079.270	24316.528	111.655
P6	4080.576	24313.108	111.634

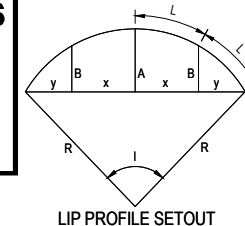
Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
P2 - P3	20.208	10.300	3.633	0.160	0.120	0.907	0.900	0.908	111.759
P3 - P4	41.532	9.200	6.669	0.598	0.447	1.658	1.604	1.667	111.718
P4 - P5	15.239	18.200	4.841	0.161	0.120	1.209	1.204	1.210	111.674

CITY OF MELTON

**APPROVED
DETAILED ENGINEERING PLANS**

Nihal Jayasekara
ENGINEERING SERVICES

Date: 31/05/2024



LEGEND

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P3	SPLITTER ISLANDS & TGSIS AMENDED	16.09.22	LS	SY					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed K. LIM WAN
Date 04.04.2022
Drawn L.SUTHERLAND
Checked J.MONGAN
Date 05.04.2022
Approved J.MONGAN
Reg. No. PE0003496
Date 05.04.2022
PS Number PS842547E

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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL
Drawing Title
INTERSECTION DETAILS
(SHEET 7 OF 10)

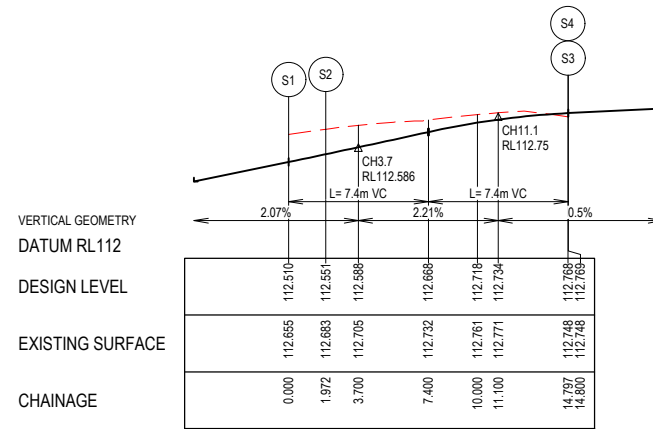
Sheet 39 of 55

Scale 1:200 @ A1

Project Ref 1801127
Stage No 01
Drawing No 306
Rev P3



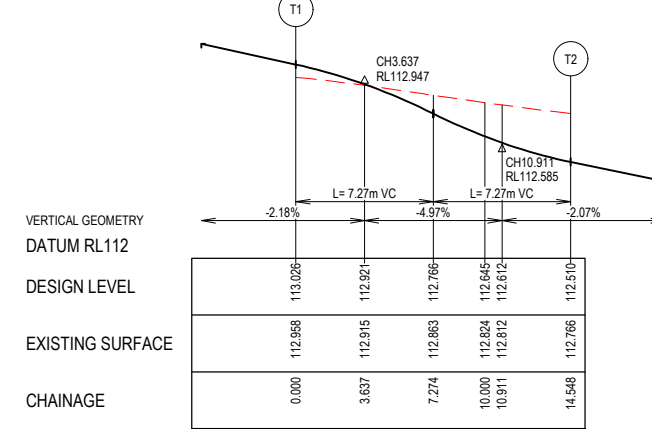
**APPROVED
DETAILED ENGINEERING PLANS**
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024



LIP LINE S

Point no	Easting	Northing	RL
S1	4034.588	24458.373	112.510
S2	4035.058	24460.288	112.551
S3	4029.856	24470.892	112.768
S4	4029.853	24470.894	112.769

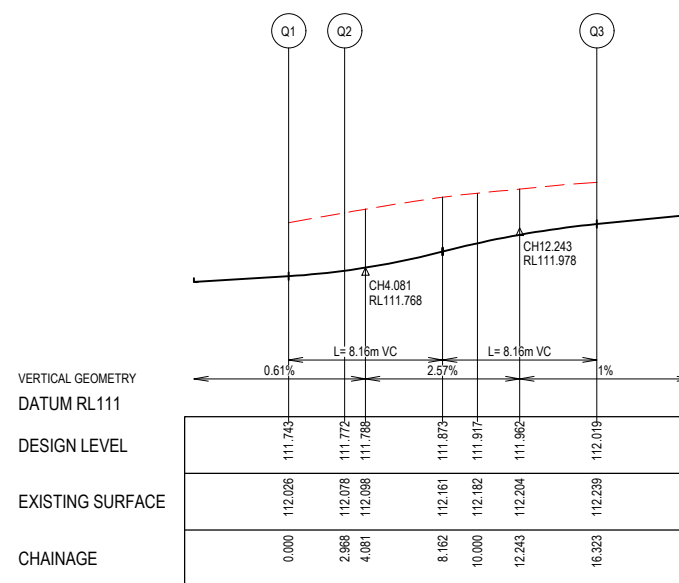
Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
S2 - S3	79.870	9.200	12.825	2.146	1.593	3.142	2.764	3.206	112.689



LIP LINE T

Point no	Easting	Northing	RL
T1	4051.972	24463.737	113.026
T2	4040.818	24456.909	112.510

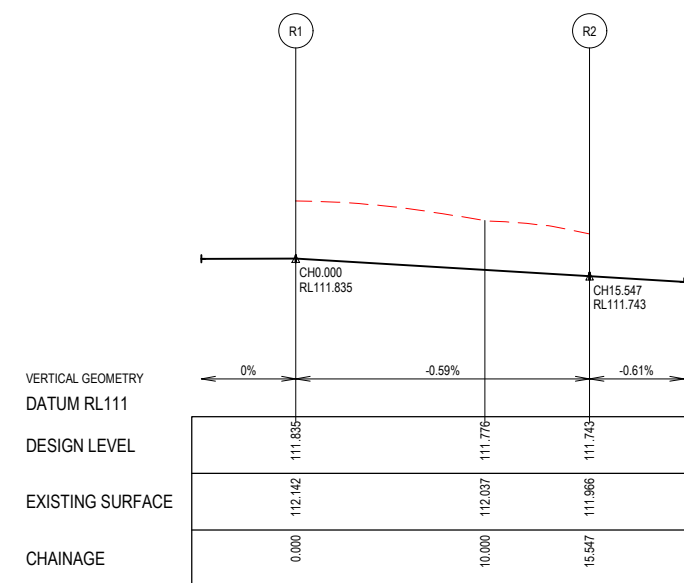
Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
T1 - T2	90.599	9.200	14.548	2.729	2.019	3.543	2.996	3.637	112.766



LIP LINE Q

Point no	Easting	Northing	RL
Q1	4031.471	24401.181	111.743
Q2	4034.098	24402.562	111.772
Q3	4038.413	24413.988	112.019

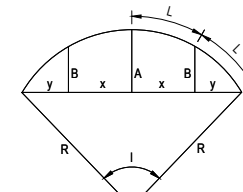
Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
Q2 - Q3	83.176	9.200	13.356	2.319	1.720	3.266	2.841	3.339	111.909



LIP LINE R

Point no	Easting	Northing	RL
R1	4047.323	24390.654	111.835
R2	4034.448	24395.516	111.743

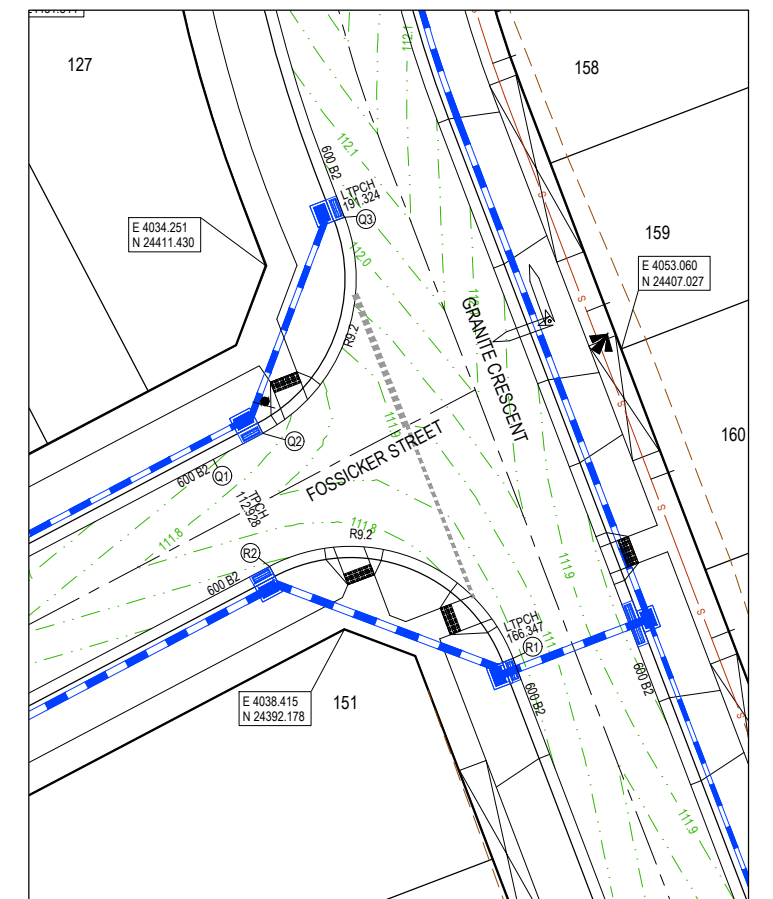
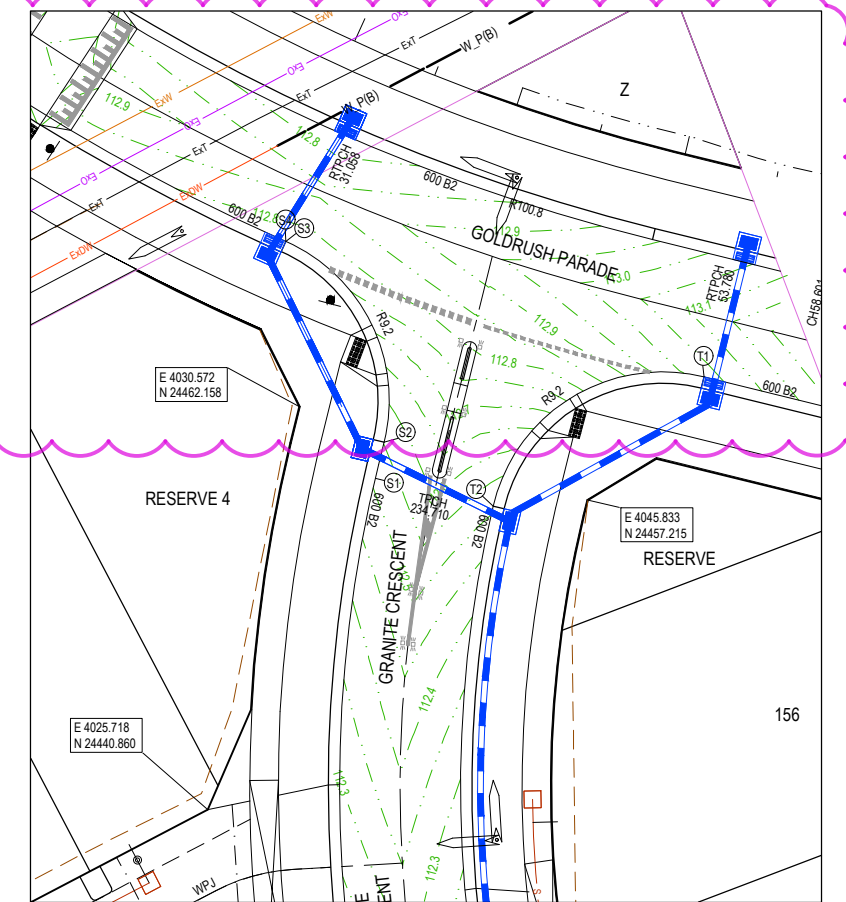
Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
R1 - R2	96.824	9.200	15.547	3.093	2.284	3.772	3.109	3.887	111.789



LIP PROFILE SETOUT

LEGEND

- STORMWATER DRAIN, PIT & PROPERTY INLET
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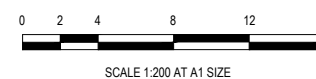


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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P5	GOLDRUSH EXTENDED	23.05.24	NG	NG					
P4	LIMIT OF WORKS AMENDED	30.11.22	JM	JM					
P3	SPLITTER ISLANDS & TGSIS AMENDED	16.09.22	LS	SY					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



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Date 04.04.2022
Drawn L.SUTHERLAND
Checked J. MONGAN
Date 05.04.2022
Approved J. MONGAN
Reg. No. PE0005498
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PS Number PS842547E

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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL
Drawing Title
INTERSECTION DETAILS
(SHEET 8 OF 10)

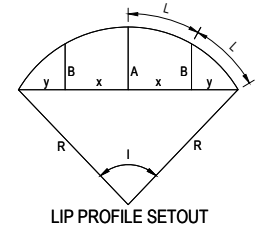
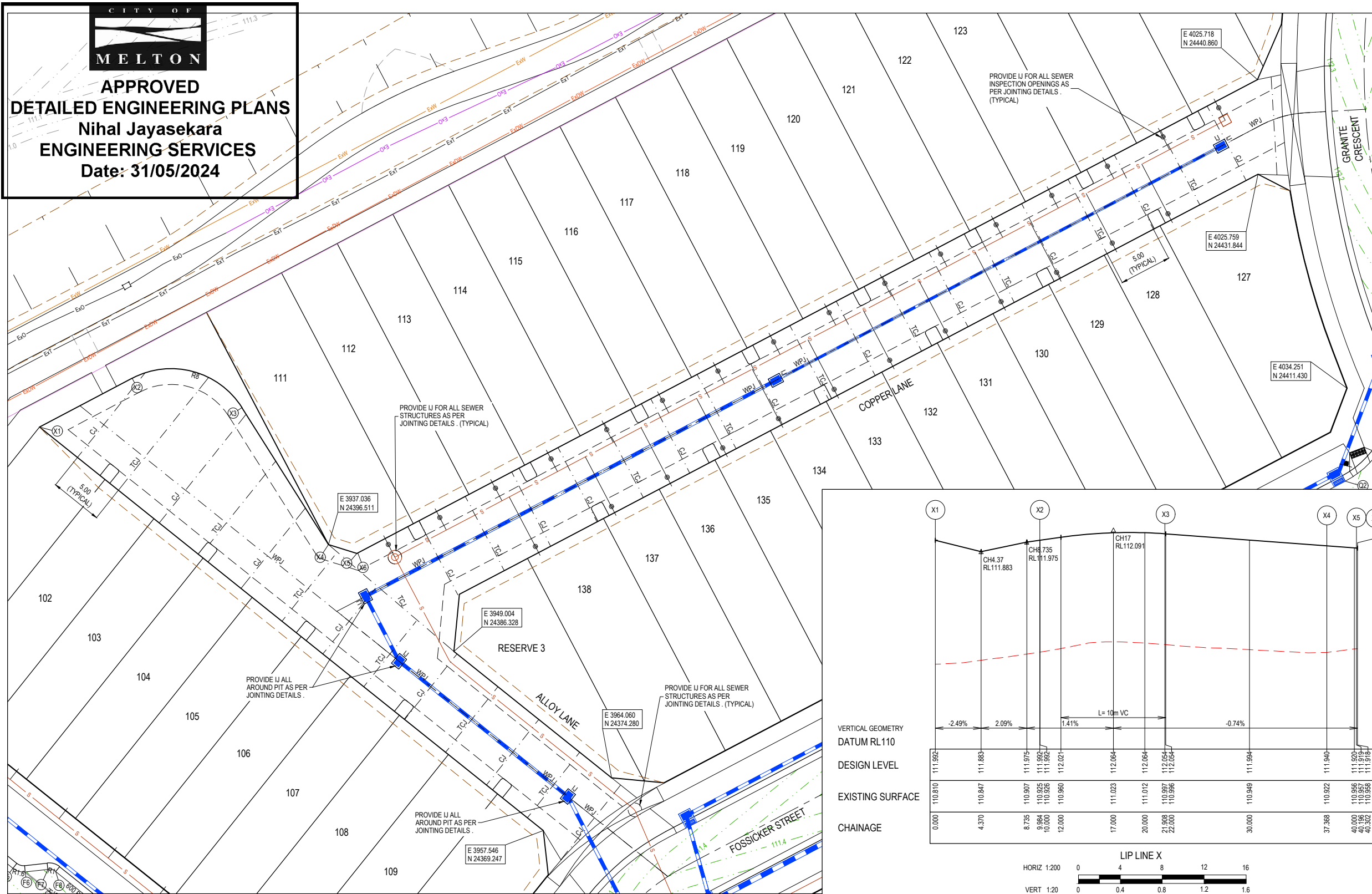
Sheet 40 of 55

Scale 1:200 @ A1

Project Ref	Stage No	Drawing No	Rev
1801127	01	307	P5

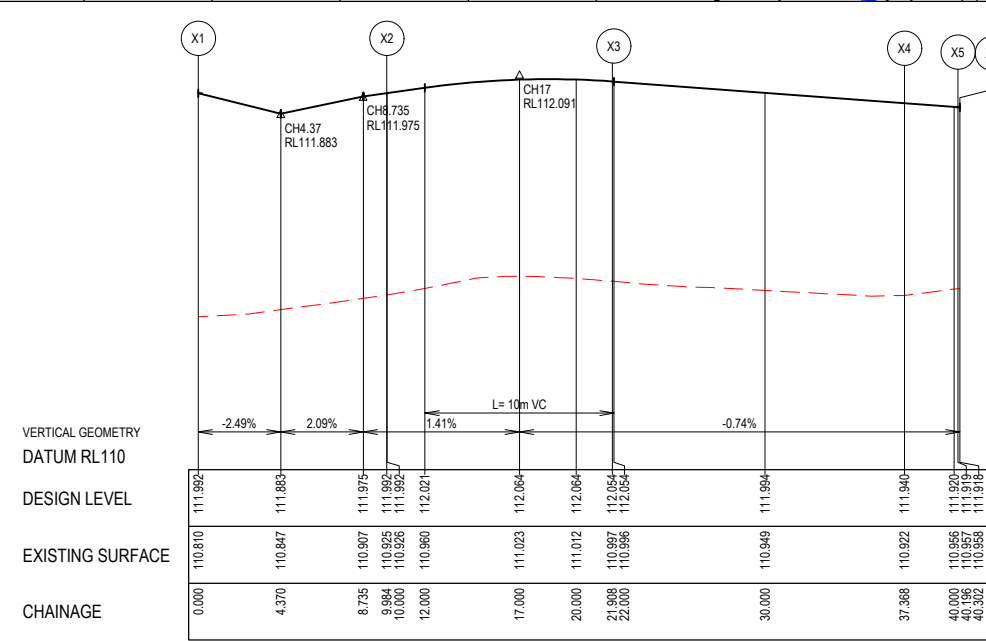
CITY OF MELTON

**APPROVED
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Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024



LEGEND

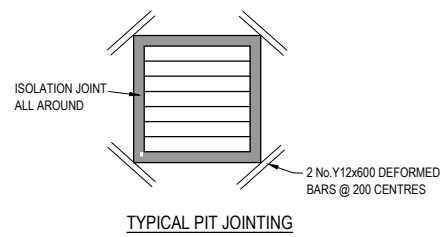
- STORMWATER DRAIN, PIT & PROPERTY INLET
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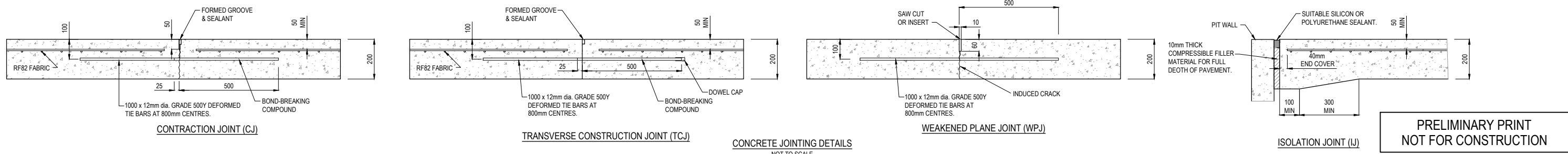
LIP LINE X

Point no	Easting	Northing	RL
X1	3909.449	24407.734	111.992
X2	3918.287	24412.378	111.992
X3	3928.769	24409.575	112.054
X4	3937.036	24396.511	111.940
X5	3939.737	24395.671	111.919
X6	3939.830	24395.720	111.918

Curve no I Radius Arc A B X Y I Mid point RL
X2-X3 85.398 8.000 11.924 2.121 1.572 2.912 2.513 2.981 112.059



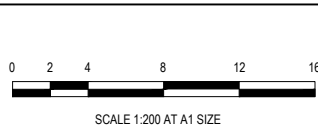
- CONCRETE JOINTING NOTES**
- SAW JOINTS ARE TO BE PLACED AT A MAXIMUM 5m SPACING AT INTERSECTIONS AND CONSTRUCTED 18-24 HOURS AFTER POURING.
 - TRANSVERSE CONTRACTION JOINTS ARE TO BE PLACED AT A MAXIMUM SPACING OF 15m.
 - ISOLATION JOINTS ARE TO BE PLACED AROUND PITS
 - ALL JOINTS SHALL BE LOCATED AND SPACED IN ACCORDANCE WITH "CEMENT AND CONCRETE ASSOCIATION OF AUSTRALIA T51- GUIDE TO RESIDENTIAL STREET AND PATHS 2004"



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P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed K. LIM WAN
Date 04.04.2022
Drawn L.SUTHERLAND
Checked J. MONGAN
Date 05.04.2022
Approved J. MONGAN
Reg. No. PE2003496
Date 05.04.2022
PS Number PS842547E

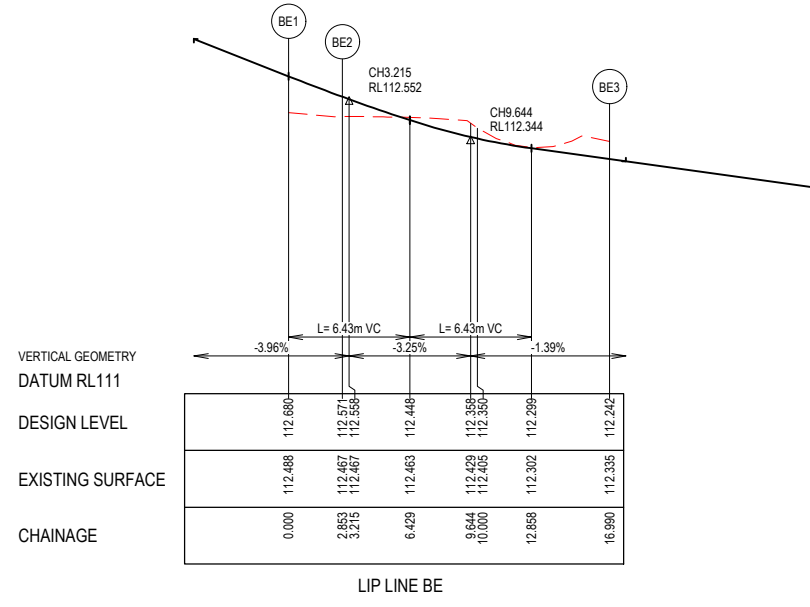
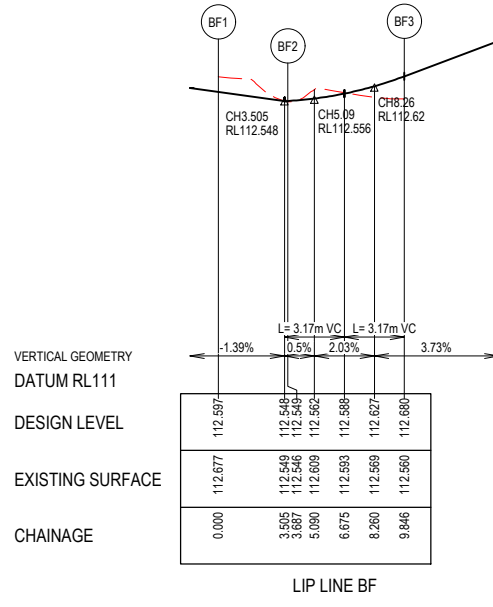
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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL

Drawing Title
INTERSECTION DETAILS
(SHEET 9 OF 10)

Sheet 41 of 55
Scale 1:200 @ A1

Project Ref 1801127
Stage No 01
Drawing No 308
Rev P2



ALIGNMENT BF

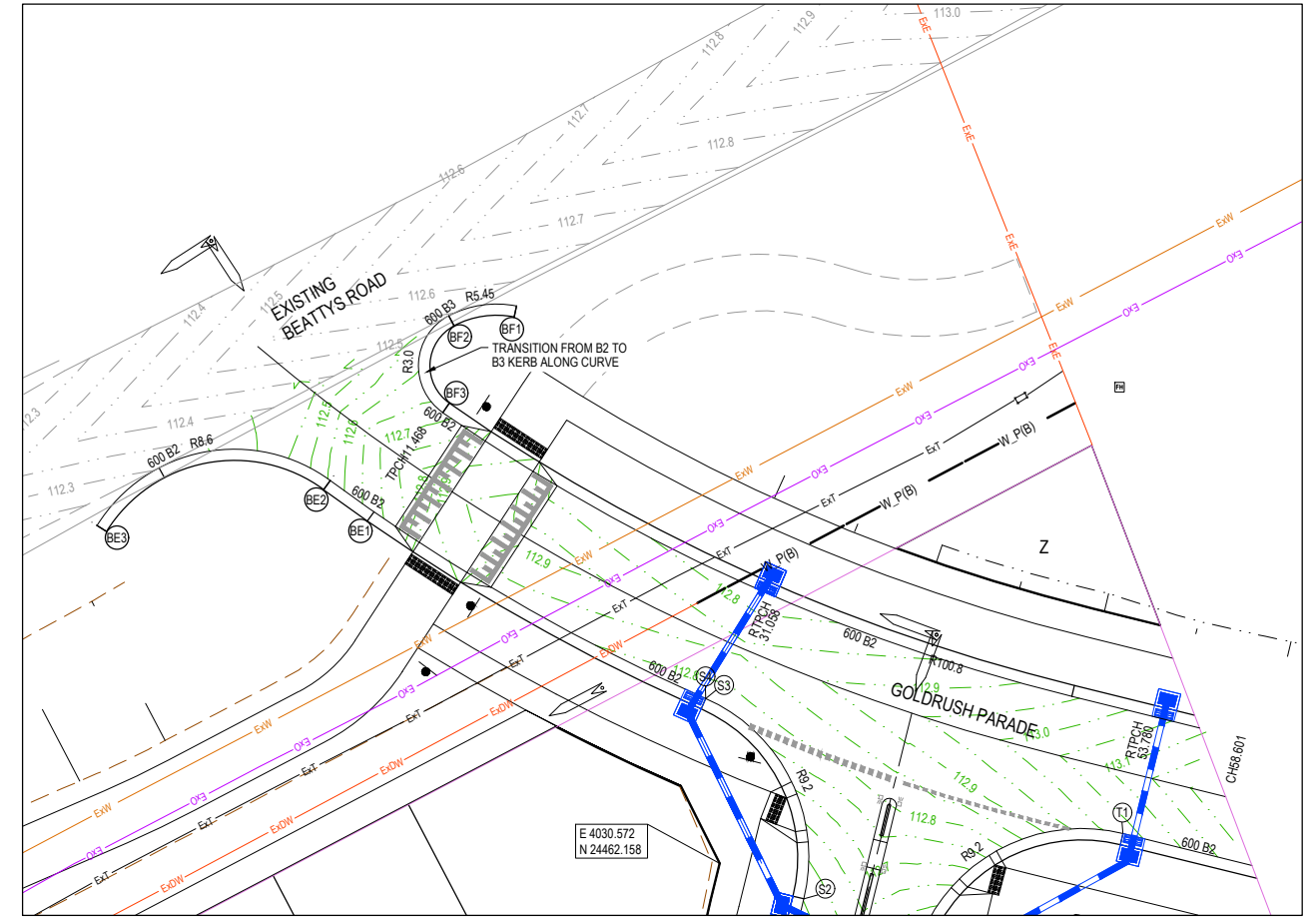
Point no	Easting	Northing	RL
BF1	4019.816	24491.673	112.597
BF2	4016.237	24491.153	112.549
BF3	4015.920	24486.030	112.680

Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
BF1 - BF2	38.756	5.450	3.687	0.309	0.231	0.917	0.891	0.922	112.571
BF2 - BF3	117.637	3.000	6.159	1.447	1.060	1.473	1.093	1.540	112.590

Alignment BE

Point no	Easting	Northing	RL
BE1	4012.251	24480.739	112.680
BE2	4009.950	24482.427	112.571
BE3	3997.577	24480.057	112.242

Curve no	L	Radius	Arc	A	B	X	Y	I	Mid point RL
BE2 - BE3	94.182	8.600	14.137	2.745	2.029	3.436	2.863	3.534	112.352



CITY OF MELTON

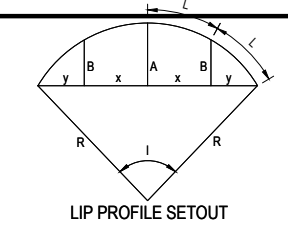
APPROVED

DETAILED ENGINEERING PLANS

Nihal Jayasekara

ENGINEERING SERVICES

Date: 31/05/2024



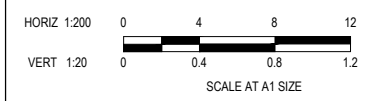
LEGEND

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY

PRELIMINARY PRINT

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P1	GOLDRUSH EXTENDED	23.05.24	NG	NG					



Designed: K. LIM WAN
Date: 04.04.2022
Drawn: L.SUTHERLAND
Checked: J.MONGAN
Date: 05.04.2022
Approved: J.MONGAN
Reg. No: PE0009498
Date: 05.04.2022
PS Number: PS842547E

BW Beveridge Williams
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1 Glenferrie Road
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ph: 03 9524 8888
www.beveridgewilliams.com.au

Project: PARKGLEN
Stage: STAGE 01
MELTON CITY COUNCIL

Drawing Title: INTERSECTION DETAILS
(SHEET 10 OF 10)

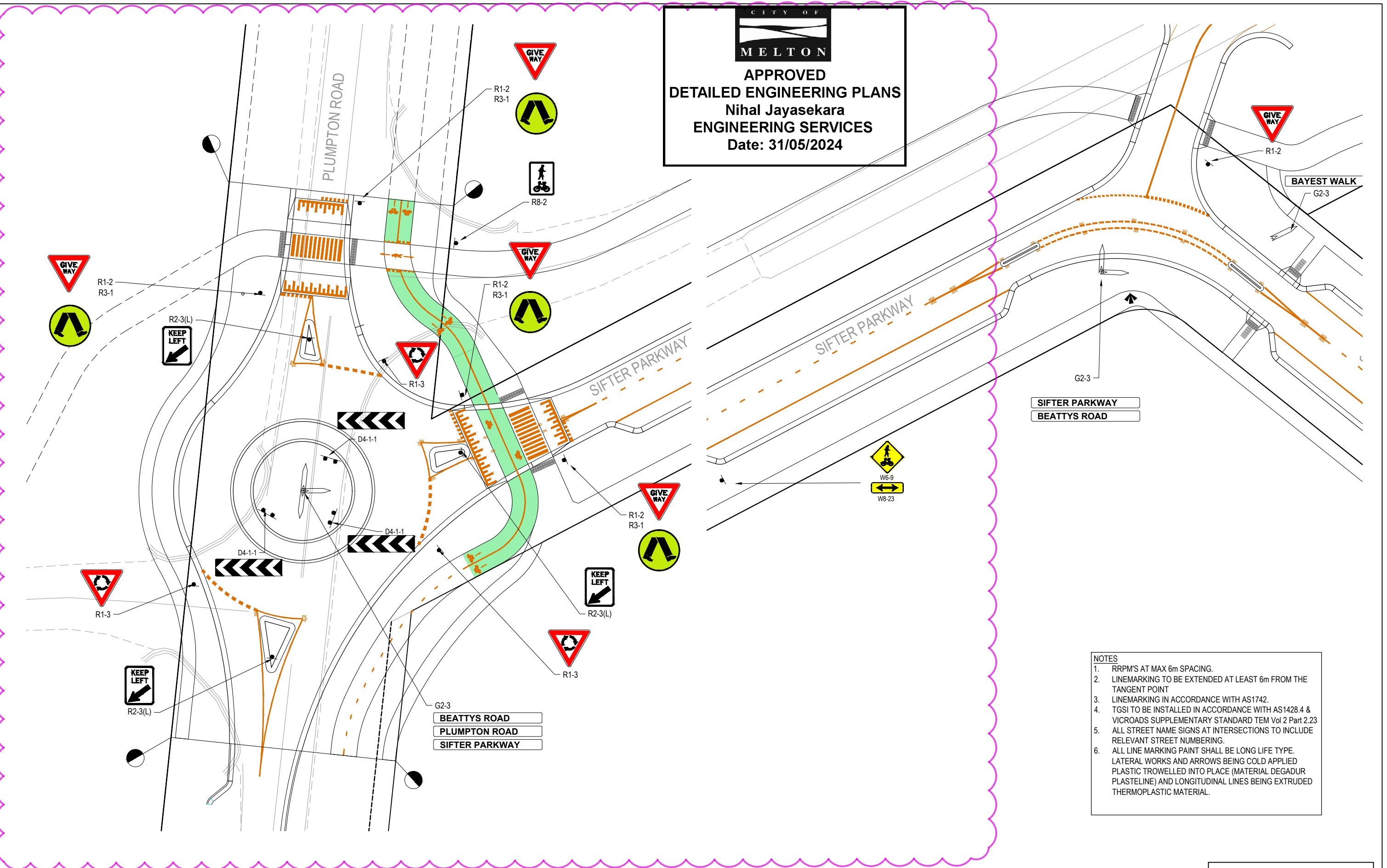
Sheet 42 of 55

Scale: 1:200 H 1:20 V @ A1

Project Ref: 1801127
Stage No: 01
Drawing No: 309
Rev: P1

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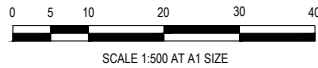

APPROVED
DETAILED ENGINEERING PLANS
 Nihal Jayasekara
 ENGINEERING SERVICES
 Date: 31/05/2024



- NOTES**
- RRPM'S AT MAX 6m SPACING.
 - LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
 - LINEMARKING IN ACCORDANCE WITH AS1742.
 - TGSI TO BE INSTALLED IN ACCORDANCE WITH AS1428.4 & VICROADS SUPPLEMENTARY STANDARD TEM Vol 2 Part 2.23
 - ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
 - ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.

PRELIMINARY PRINT
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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P4	SIGNS AND LMARKING AMENDED	23.05.24	NG	NG					
P3	ROUNDBOUT SIGNS ADDED	16.09.22	LS	SY					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed: K. LIM WAN
 Date: 04.04.2022
 Drawn: L.SUTHERLAND
 Checked: J.MONGAN
 Date: 05.04.2022
 Approved: J. MONGAN
 Reg. No. PS0009498
 Date: 05.04.2022
 PS Number: PS842547E


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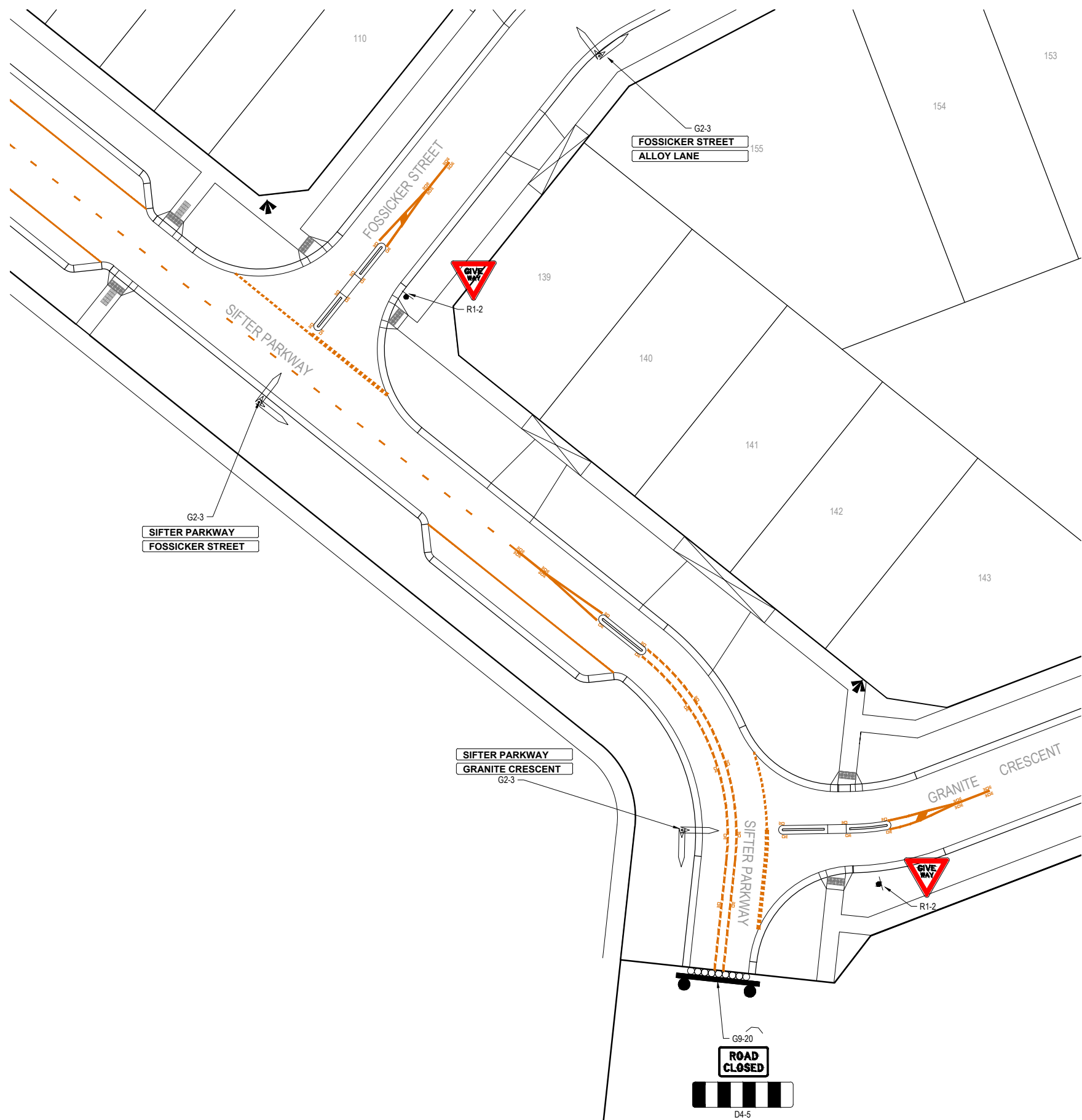
Project: PARKGLEN STAGE 01
 MELTON CITY COUNCIL
 Drawing Title: SIGNAGE & LINE MARKING PLANS (SHEET 1 OF 4)

Sheet 43 of 55
 Scale 1:500 @ A1
 Project Ref: 1801127
 Stage No: 01
 Drawing No: 350
 Rev: P4

K:\Jobs Data\1801127 - Parkglen, 1241 Plumpton Rd, Eng\Stage 1\Drawings\1801127-01-350-LMP.dwg



**APPROVED
DETAILED ENGINEERING PLANS**
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024



- NOTES**
1. RRPM'S AT MAX 6m SPACING.
 2. LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
 3. LINEMARKING IN ACCORDANCE WITH AS1742.
 4. TGSi TO BE INSTALLED IN ACCORDANCE WITH AS1428.4 & VICROADS SUPPLEMENTARY STANDARD TEM Vol 2 Part 2.23
 5. ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
 6. ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGA DUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.

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P4	LIMIT OF WORKS AMENDED	30.11.22	JM	JM		
P3	SPEED HUMP SIGNAGE ADDED	04.10.22	JM	JM		
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM		
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM		
REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION




Designed K. LIM WAN
Date 04.04.2022
Drawn L.SUTHERLAND
Checked J.MONGAN
Date 05.04.2022
Approved J. MONGAN
Reg. No. PE0009498
Date 05.04.2022
PS Number PS842547E

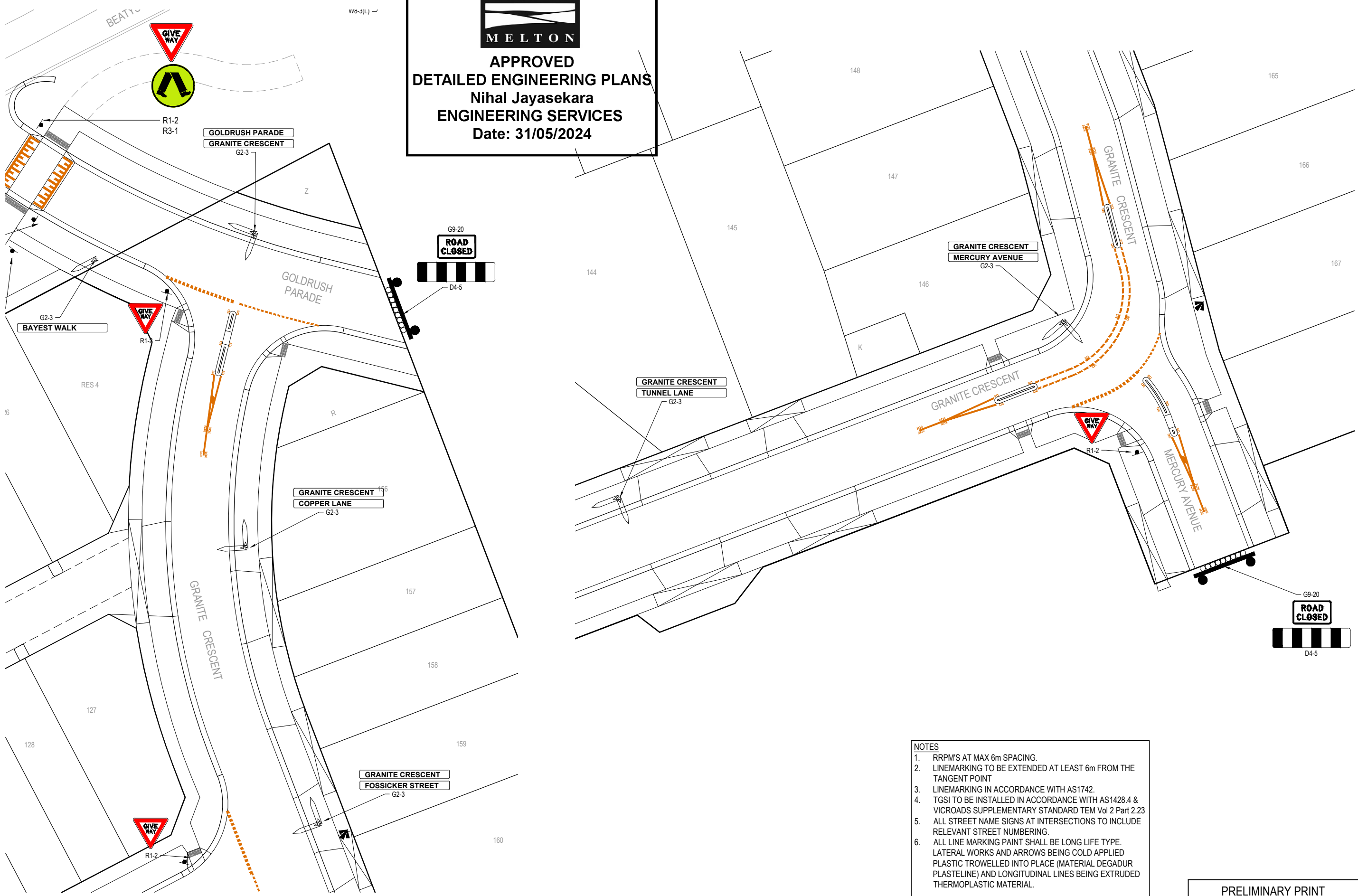
BW Beveridge Williams
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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL
Drawing Title
SIGNAGE & LINE MARKING PLANS
(SHEET 2 OF 4)

Sheet	44 of 55
Scale	1:200 @ A1
Project Ref	1801127
Stage No	01
Drawing No	351
Rev	P4




APPROVED
DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024



- NOTES**
1. RRPM'S AT MAX 6m SPACING.
 2. LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
 3. LINEMARKING IN ACCORDANCE WITH AS1742.
 4. TGS1 TO BE INSTALLED IN ACCORDANCE WITH AS1428.4 & VICROADS SUPPLEMENTARY STANDARD TEM Vol 2 Part 2.23
 5. ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
 6. ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.

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P5	GOLDRUSH EXTENDED	23.05.24	NG	NG		
P4	LIMIT OF WORKS AMENDED	30.11.22	JM	JM		
P3	ROAD NAME SIGN ADDED FOR TUNNEL LANE	16.09.22	LS	SY		
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM		
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM		
REV	DESCRIPTION	DATE	DRN.	APP.	REV	



Designed K. LIM WAN
 Date 04.04.2022
 Drawn L.SUTHERLAND
 Checked J.MONGAN
 Date 05.04.2022
 Approved J. MONGAN
 Reg. No. PS2005496
 Date 05.04.2022
 PS Number PS842547E


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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL
 Drawing Title
SIGNAGE & LINE MARKING PLANS
(SHEET 3 OF 4)

Sheet 45 of 55

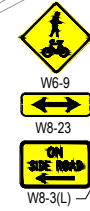
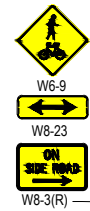
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Project Ref	Stage No	Drawing No	Rev
1801127	01	352	P5





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ENGINEERING SERVICES
Date: 31/05/2024



GOLDRUSH PARADE
BEATYS ROAD
G2-3

BEATYS ROAD



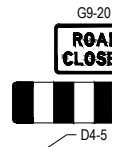
GOLDRUSH PARADE
GRANITE CRESCENT
G2-3



BAYEST WALK
G2-3



GOLDRUSH PARADE

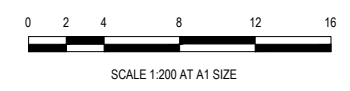


P5

- NOTES**
- RRPM'S AT MAX 6m SPACING.
 - LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
 - LINEMARKING IN ACCORDANCE WITH AS1742.
 - TGSI TO BE INSTALLED IN ACCORDANCE WITH AS1428.4 & VICROADS SUPPLEMENTARY STANDARD TEM Vol 2 Part 2.23
 - ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P5	GOLDRUSH EXTENDED	23.05.24	NG	NG					
P4	LIMIT OF WORKS AMENDED	30.11.22	JM	JM					
P3	ROAD NAME SIGN ADDED FOR TUNNEL LANE	16.09.22	LS	SY					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed: K. LIM WAN
Date: 04.04.2022
Drawn: L.SUTHERLAND
Checked: J.MONGAN
Date: 05.04.2022
Approved: J.MONGAN
Reg. No.: PE0005496
Date: 05.04.2022
PS Number: PS842547E

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www.beveridgewilliams.com.au

Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL

Drawing Title
SIGNAGE & LINE MARKING PLANS
(SHEET 4 OF 4)

Sheet 46 of 55
Scale 1:200 @ A1

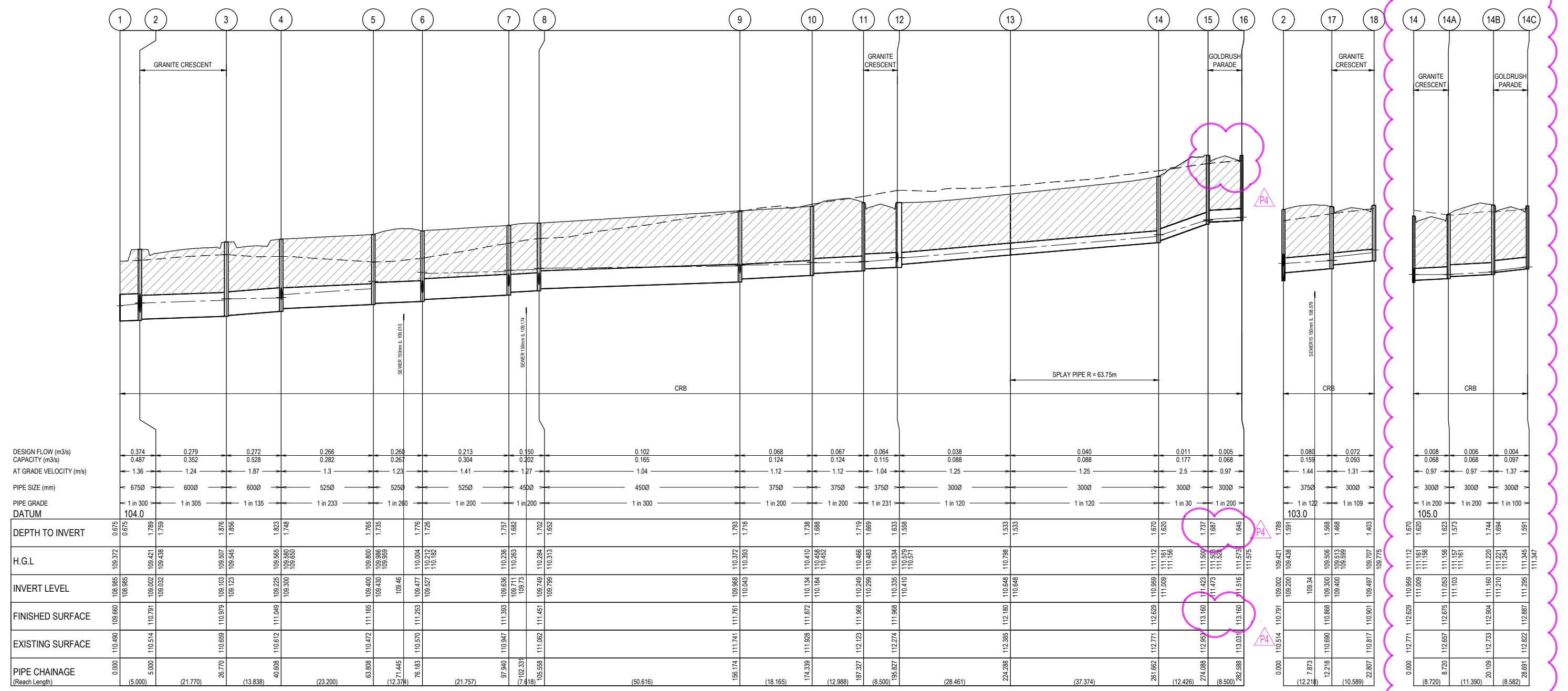
Project Ref: 1801127
Stage No: 01
Drawing No: 353
Rev: P5



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Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024

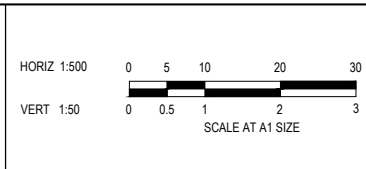
NOTES:
 ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	DENOTES 20mm CLASS 3 FCR BACKFILL



PRELIMINARY PRINT
NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P4	GOLDRUSH EXTENDED	23.05.24	NG	NG					
P3	DRAINAGE LINE 2 TO 4 AND 2 TO 18 AMENDED	09.03.23	JM	JM					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed: K. LIM WAN
 Date: 04.04.2022
 Drawn: L.SUTHERLAND
 Checked: J.MONGAN
 Date: 05.04.2022
 Approved: J.MONGAN
 Reg. No: PS0036498
 Date: 05.04.2022
 PS Number: PS842547E

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Project: PARKGLEN STAGE 01 MELTON CITY COUNCIL
 Drawing Title: DRAINAGE LONGITUDINAL SECTIONS (SHEET 1 OF 5)

Sheet 47 of 55
 Scale: 1:500 H 1:50 V @ A1
 Project Ref: 1801127
 Stage No: 01
 Drawing No: 400
 Rev: P4

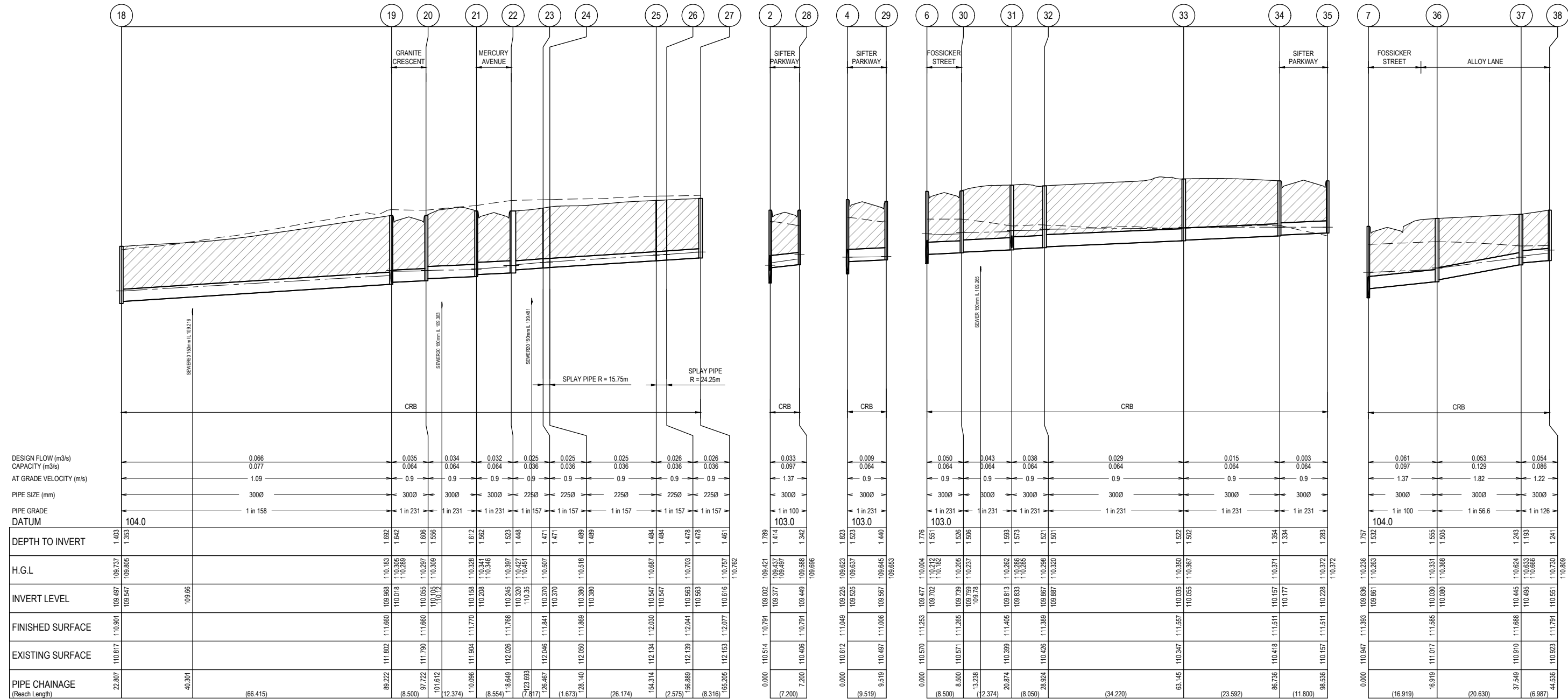
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DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024**

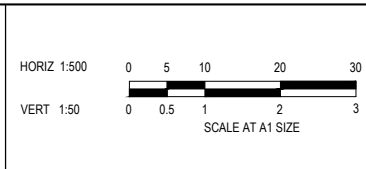
NOTES:
ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	DENOTES 20mm CLASS 3 FCR BACKFILL



**PRELIMINARY PRINT
NOT FOR CONSTRUCTION**

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed: K. LIM WAN
Date: 04.04.2022
Drawn: L.SUTHERLAND
Checked: J.MONGAN
Date: 05.04.2022
Approved: J.MONGAN
Reg. No: PS20036368
Date: 05.04.2022
PS Number: PS842547E

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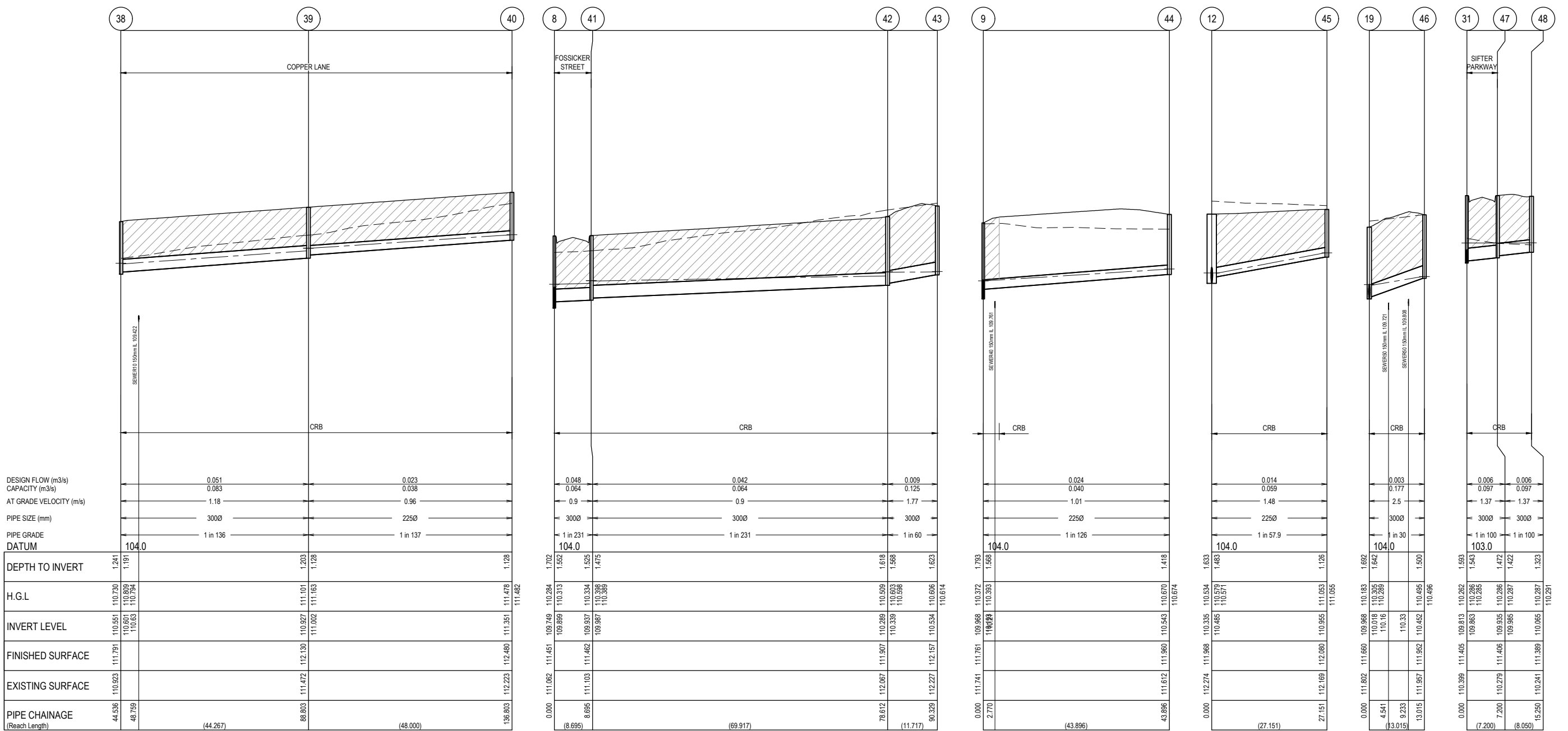
Project: PARKGLEN STAGE 01 MELTON CITY COUNCIL
Drawing Title: DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 5)

Sheet 48 of 55
Scale: 1:500 H 1:50 V @ A1
Project Ref: 1801127
Stage No: 01
Drawing No: 401
Rev: P2


APPROVED
DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024

NOTES:
 ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	DENOTES 20mm CLASS 3 FCR BACKFILL



**PRELIMINARY PRINT
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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed: K. LIM WAN
 Date: 04.04.2022
 Drawn: L.SUTHERLAND
 Checked: J.MONGAN
 Date: 05.04.2022
 Approved: J.MONGAN
 Reg. No: PE0003636
 Date: 05.04.2022
 PS Number: PS842547E

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Project: PARKGLEN
 Stage: STAGE 01
 MELTON CITY COUNCIL
 Drawing Title: DRAINAGE LONGITUDINAL SECTIONS
 (SHEET 3 OF 5)

Sheet 49 of 55	
Scale 1:500 H 1:50 V @ A1	
Project Ref	Stage No
1801127	01
Drawing No	Rev
402	P2

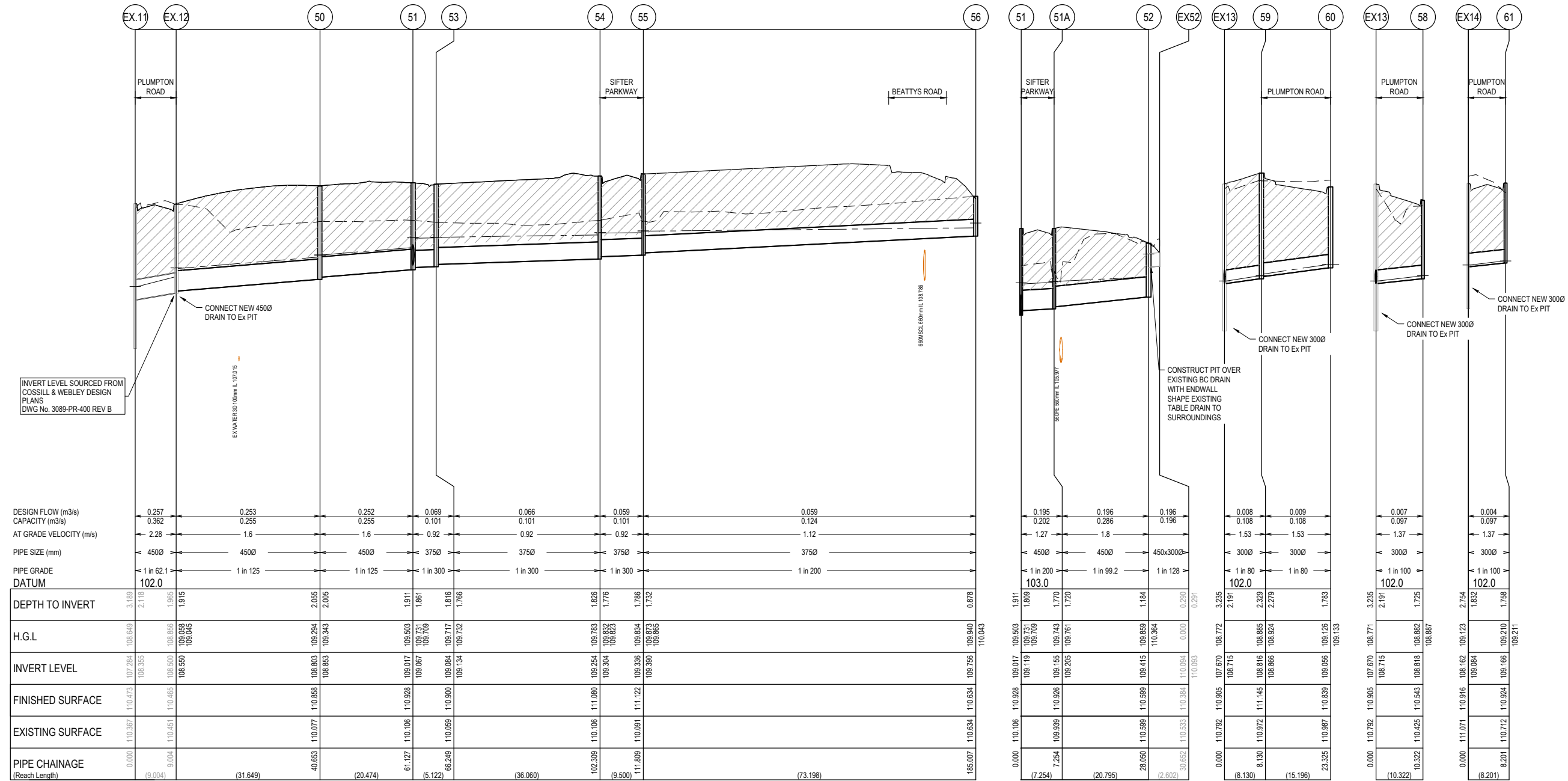
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APPROVED
DETAILED ENGINEERING PLANS
 Nihal Jayasekara
 ENGINEERING SERVICES
 Date: 31/05/2024

NOTES:
 ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	DENOTES 20mm CLASS 3 FCR BACKFILL



INVERT LEVEL SOURCED FROM COSSILL & WEBLEY DESIGN PLANS DWG No. 3089-PR-400 REV B

EXISTING SURFACE 107.016

EXISTING SURFACE 107.796

EXISTING SURFACE 108.977

CONSTRUCT PIT OVER EXISTING BC DRAIN WITH ENDWALL SHAPE EXISTING TABLE DRAIN TO SURROUNDINGS

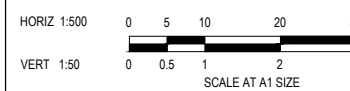
CONNECT NEW 3000 DRAIN TO EX PIT

CONNECT NEW 3000 DRAIN TO EX PIT

P3

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P3	PLUMPTON ROAD ROUNDABOUT	23.05.24	NG	NG					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed: K. LIM WAN
 Date: 04.04.2022
 Drawn: L.SUTHERLAND
 Checked: J. MONGAN
 Date: 05.04.2022
 Approved: J. MONGAN
 Reg. No.: PS3003496
 Date: 05.04.2022
 PS Number: PS842547E

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Project: PARKGLEN STAGE 01
 MELTON CITY COUNCIL
 Drawing Title: DRAINAGE LONGITUDINAL SECTIONS (SHEET 4 OF 5)

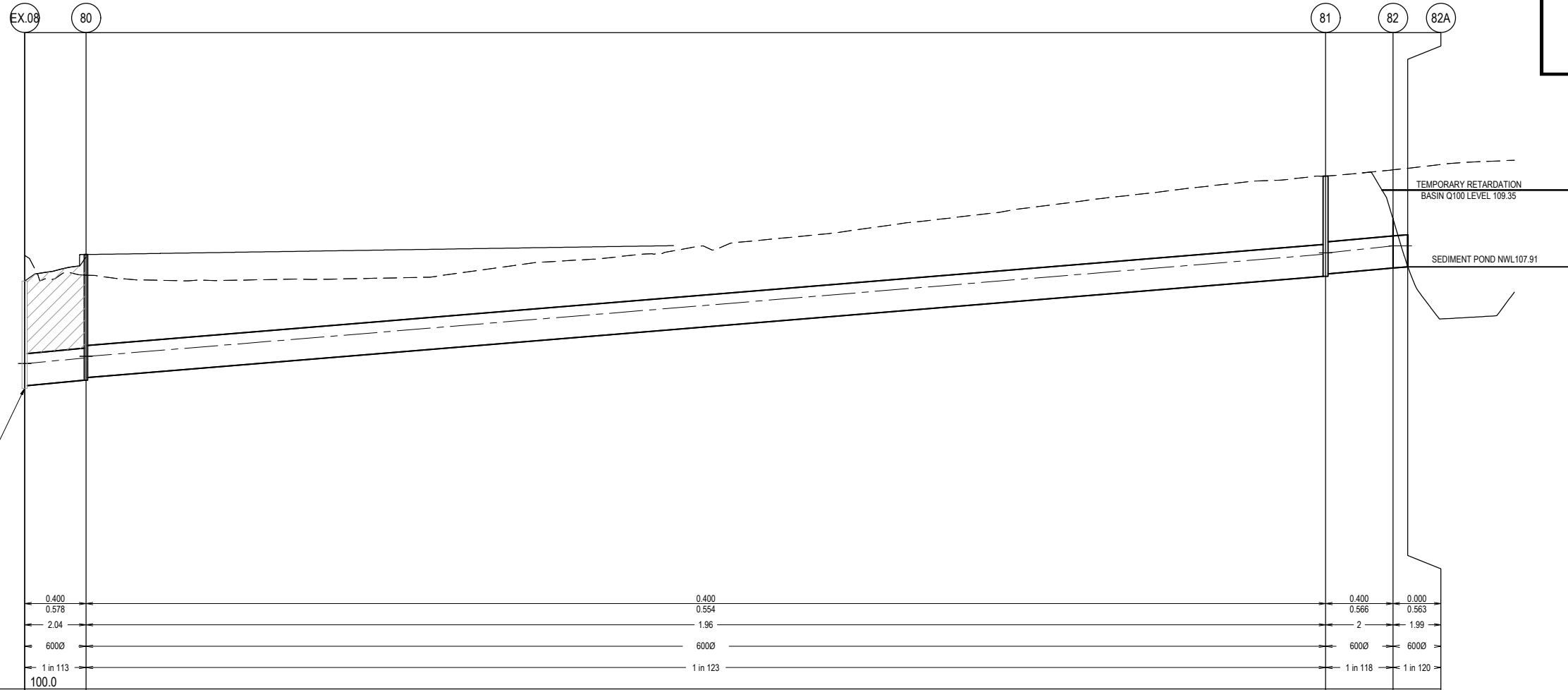
Sheet 50 of 55
 Scale: 1:500 H 1:50 V @ A1
 Project Ref: 1801127
 Stage No: 01
 Drawing No: 403
 Rev: P3

NOTES:
 ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	DENOTES 20mm CLASS 3 FCR BACKFILL



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DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024

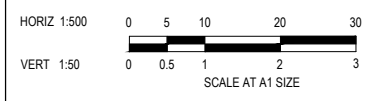


INVERT LEVEL SOURCED FROM COSSILL & WEBLEY DESIGN PLANS DWG No. 3089-PR-400 REV B

DESIGN FLOW (m ³ /s)	0.400	0.400	0.400	0.000
CAPACITY (m ³ /s)	0.578	0.554	0.566	0.563
AT GRADE VELOCITY (m/s)	2.04	1.96	2	1.99
PIPE SIZE (mm)	6000	6000	6000	6000
PIPE GRADE	1 in 113	1 in 123	1 in 118	1 in 120
DATUM	100.0			
DEPTH TO INVERT	1.961	2.011	1.800	1.800
H.G.L.	106.061	106.100	108.144	108.172
INVERT LEVEL	105.633	105.683	107.730	107.780
FINISHED SURFACE	107.644	107.644	108.609	108.609
EXISTING SURFACE	108.123	107.753	108.727	108.811
PIPE CHAINAGE (Reach Length)	0.000	11.508 (11.508)	244.081 (232.573)	256.724 (12.643)

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P3	DRAINAGE LINE AMENDED	09.03.23	JM	JM					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



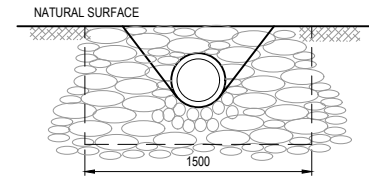
Designed: K. LIM WAN
 Date: 04.04.2022
 Drawn: L.SUTHERLAND
 Checked: J.MONGAN
 Date: 05.04.2022
 Approved: J.MONGAN
 Reg. No: PE0005496
 Date: 05.04.2022
 PS Number: PS842547E

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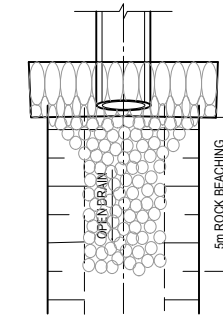
Project: PARKGLEN STAGE 01 MELTON CITY COUNCIL
 Drawing Title: DRAINAGE LONGITUDINAL SECTIONS (SHEET 5 OF 5)

Sheet	51 of 55
Scale	1:500 H 1:50 V @ A1
Project Ref	1801127
Stage No	01
Drawing No	404
Rev	P3

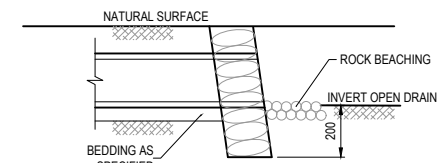
PIT NUMBER	TYPE	INTERNAL		INLET		OUTLET		PIT		REMARKS
		WD (mm)	LEN (mm)	DIA (mm)	INV LEV (mm)	DIA (mm)	INV LEV (mm)	SETOUT RL	DEPTH (m)	
1	ENDWALL			675	108.985			109.660	0.900	TEMPORARY ENDWALL TO SUIT 675mm DIA PIPE
2	SIDE ENTRY PIT	900	900	600	109.032	675	109.002	110.791	1.789	HAUNCHED - REFER TO EDCM FIGURES 601 & 607 FOR STANDARD DRAWING
3	SIDE ENTRY PIT	900	900	600	109.123	600	109.103	110.979	1.876	HAUNCHED - REFER TO EDCM FIGURES 601 & 607 FOR STANDARD DRAWING
4	JUNCTION PIT	900	900	525	109.300	600	109.225	111.049	1.823	HAUNCHED - REFER TO EDCM FIGURE 607 FOR STANDARD DRAWING
5	SIDE ENTRY PIT	1050	900	525	109.430	525	109.400	111.165	1.765	HAUNCHED - REFER TO EDCM FIGURES 601 & 607 FOR STANDARD DRAWING
6	SIDE ENTRY PIT	900	1050	525	109.527	525	109.477	111.253	1.776	HAUNCHED - REFER TO EDCM FIGURES 601 & 607 FOR STANDARD DRAWING
7	JUNCTION PIT	750	900	450	109.711	525	109.636	111.393	1.757	HAUNCHED - REFER TO EDCM FIGURE 607 FOR STANDARD DRAWING
8	SIDE ENTRY PIT	750	900	450	109.799	450	109.749	111.451	1.702	HAUNCHED - REFER TO EDCM FIGURES 601 & 607 FOR STANDARD DRAWING
9	JUNCTION PIT	600	900	375	110.043	450	109.968	111.761	1.793	HAUNCHED - REFER TO EDCM FIGURE 607 FOR STANDARD DRAWING
10	SIDE ENTRY PIT	750	900	375	110.184	375	110.134	111.872	1.738	HAUNCHED - REFER TO EDCM FIGURES 601 & 607 FOR STANDARD DRAWING
11	SIDE ENTRY PIT	750	900	375	110.299	375	110.249	111.968	1.719	HAUNCHED - REFER TO EDCM FIGURES 601 & 607 FOR STANDARD DRAWING
12	DOUBLE SIDE ENTRY PIT	600	900	300	110.410	375	110.335	111.968	1.633	REFER TO EDCM FIGURE 602 FOR STANDARD DRAWING
13	TANGENT POINT			300	110.648	300	110.648	112.180	1.638	
14	JUNCTION PIT	600	900	300	111.009	300	110.959	112.629	1.670	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING
14A	JUNCTION PIT	600	900	300	111.103	300	111.053	112.675	1.623	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING
14B	DOUBLE SIDE ENTRY PIT	600	900	300	111.21	300	111.16	112.904	1.744	REFER TO EDCM FIGURE 602 FOR STANDARD DRAWING
14C	DOUBLE SIDE ENTRY PIT	600	900	300	111.295	300	111.295	112.887	1.591	REFER TO EDCM FIGURE 602 FOR STANDARD DRAWING
15	SIDE ENTRY PIT	600	900	300	111.473	300	111.423	113.160	1.737	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
16	SIDE ENTRY PIT	600	900	300	111.516	300	111.516	113.160	1.645	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
17	SIDE ENTRY PIT	600	900	300	109.400	375	109.300	110.868	1.568	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
18	SIDE ENTRY PIT	600	900	300	109.547	300	109.497	110.901	1.403	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
19	SIDE ENTRY PIT	600	900	300	110.018	300	109.968	111.660	1.692	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
20	SIDE ENTRY PIT	600	900	300	110.105	300	110.055	111.660	1.606	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
21	SIDE ENTRY PIT	600	900	300	110.208	300	110.158	111.770	1.612	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
22	DOUBLE SIDE ENTRY PIT	600	900	225	110.320	300	110.245	111.768	1.523	REFER TO EDCM FIGURE 602 FOR STANDARD DRAWING
23	TANGENT POINT			225	110.370	225	110.370	111.841	1.471	
24	TANGENT POINT			225	110.380	225	110.380	111.869	1.489	
25	TANGENT POINT			225	110.547	225	110.547	112.030	1.484	
26	TANGENT POINT			225	110.563	225	110.563	112.041	1.478	
27	JUNCTION PIT	600	900			225	110.616	112.077	1.461	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING
28	SIDE ENTRY PIT	600	900			300	109.449	110.791	1.342	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
29	SIDE ENTRY PIT	600	900			300	109.567	111.006	1.440	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
30	SIDE ENTRY PIT	600	900	300	109.759	300	109.739	111.265	1.526	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
31	JUNCTION PIT	600	900	300	109.833	300	109.813	111.405	1.593	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING
32	SIDE ENTRY PIT	600	900	300	109.887	300	109.867	111.389	1.521	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
33	SIDE ENTRY PIT	600	900	300	110.055	300	110.035	111.557	1.522	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
34	SIDE ENTRY PIT	600	900	300	110.177	300	110.157	111.511	1.354	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
35	SIDE ENTRY PIT	600	900	300	110.228	300	110.228	111.511	1.283	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
36	GRATED PIT	600	900	300	110.080	300	110.030	111.585	1.555	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING. PROVIDE HEAVY DUTY COVER
37	JUNCTION PIT	600	900	300	110.495	300	110.445	111.688	1.243	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING. PROVIDE HEAVY DUTY COVER
38	GRATED PIT	600	900	300	110.601	300	110.551	111.791	1.241	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING. PROVIDE HEAVY DUTY COVER
39	GRATED PIT	600	900	225	111.002	300	110.927	112.130	1.203	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING. PROVIDE HEAVY DUTY COVER
40	JUNCTION PIT	600	900			225	111.351	112.480	1.128	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING. PROVIDE HEAVY DUTY COVER
41	SIDE ENTRY PIT	600	900	300	109.987	300	109.937	111.462	1.525	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
42	SIDE ENTRY PIT	600	900	300	110.339	300	110.289	111.907	1.618	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
43	SIDE ENTRY PIT	600	900			300	110.534	112.157	1.623	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
44	JUNCTION PIT	600	900			225	110.543	111.960	1.418	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING
45	JUNCTION PIT	600	900			225	110.955	112.080	1.126	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING
46	SIDE ENTRY PIT	600	900			300	110.452	111.952	1.500	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
47	JUNCTION PIT	600	900	300	109.985	300	109.935	111.406	1.472	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING
48	SIDE ENTRY PIT	600	900	300	110.065	300	110.065	111.389	1.323	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
50	JUNCTION PIT	600	900	450	108.853	450	108.803	110.858	2.055	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING
51	SIDE ENTRY PIT	600	900	375	109.067	450	109.017	110.928	1.911	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
53	SIDE ENTRY PIT	600	900	375	109.134	375	109.084	110.9	1.816	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
54	SIDE ENTRY PIT	600	900	375	109.304	375	109.254	111.08	1.826	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
55	SIDE ENTRY PIT	600	900	375	109.39	375	109.336	111.122	1.786	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
56	GRATED PIT	600	900			375	109.756	110.634	0.878	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING
51A	SIDE ENTRY PIT	600	900	450	109.205	450	109.155	110.926	1.77	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
52	JUNCTION PIT	600	900	450	109.415	450	109.415	110.599	1.184	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING
59	JUNCTION PIT	600	900	300	108.866	300	108.816	111.145	2.329	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING
60	DOUBLE SIDE ENTRY PIT	600	2200			300	109.056	110.839	1.783	REFER TO EDCM FIGURE 602 FOR STANDARD DRAWING
58	SIDE ENTRY PIT	600	900			300	108.818	110.543	1.725	REFER TO EDCM FIGURE 601 FOR STANDARD DRAWING
61	DOUBLE SIDE ENTRY PIT	600	900			300	109.166	110.924	1.758	REFER TO EDCM FIGURE 602 FOR STANDARD DRAWING
Ex 14	DOUBLE SIDE ENTRY PIT	600	900	300	109.084			110.916	2.754	CONNECT TO EXISTING JUNCTION PIT
80	JUNCTION PIT	600	900	600	106.835	600	106.785	108.140	2.355	HAUNCHED - REFER TO EDCM FIGURE 607 FOR STANDARD DRAWING
81	JUNCTION PIT	600	900	600	107.780	600	107.730	109.609	1.880	REFER TO EDCM FIGURE 605 FOR STANDARD DRAWING
82	HEADWALL			600	107.887	600	107.887	108.811	0.924	HEADWALL TO SUIT 600mm DIA PIPE



END ELEVATION



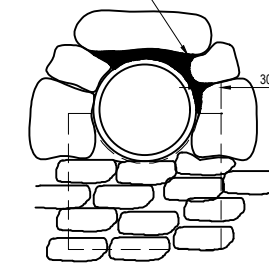
PLAN



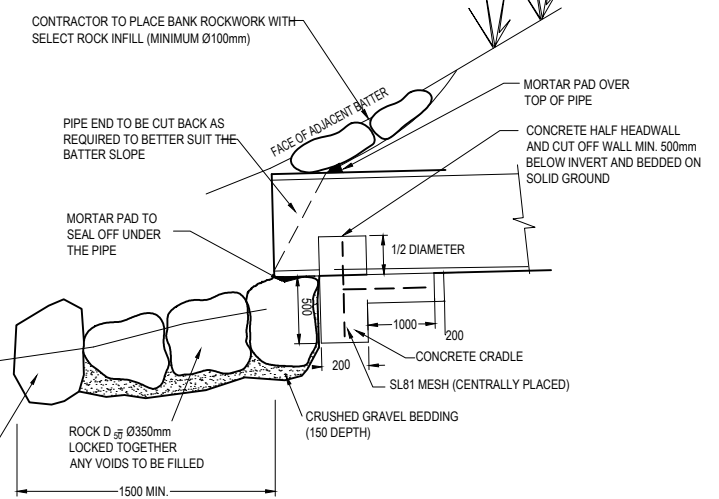
SIDE ELEVATION

SANDBAG ENDWALL DETAIL
NOT TO SCALE

ROCKS ABUTTING THE PIPE/CULVERT TO HAVE A MORTAR PAD BETWEEN THE ROCK AND THE OUTSIDE EDGE OF THE PIPE (NO POINT LOADINGS)



ELEVATION - SINGLE PIPE



TYPICAL SECTION

OUTLET DETAIL TO TEMPORARY BASIN
NOT TO SCALE

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P4	SCHEDULE UPDATED	23.05.24	NG	NG					
P3	DRAINAGE PITS 3, 17, 80, 81 & 82 AMENDED	09.03.23	JM	JM					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					

Designed K. LIM WAN
Date 04.04.2022
Drawn L.SUTHERLAND
Checked J. MONGAN
Date 05.04.2022
Approved J. MONGAN
Reg. No. PE0005496
Date 05.04.2022
PS Number PS842547E

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Project Details
PARKGLEN
STAGE 01
MELTON CITY COUNCIL
Drawing Title
PIT SCHEDULE

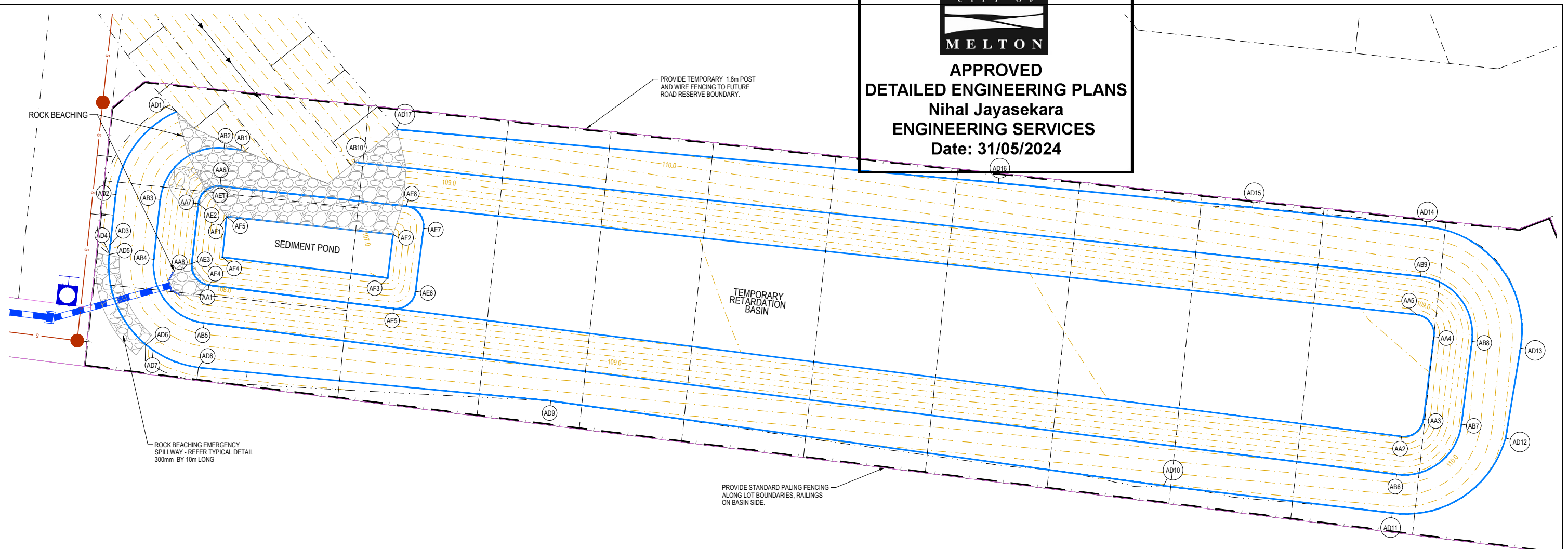
Sheet 52 of 55

Scale
NOT TO SCALE

Project Ref 1801127
Stage No 01
Drawing No 405
Rev P4



**APPROVED
DETAILED ENGINEERING PLANS**
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024



LIP LINE AA

Point no	Easting	Northing	RL
AA1	3983.839	24111.684	107.910
AA2	4105.265	24096.267	108.560
AA3	4107.501	24097.999	108.576
AA4	4108.572	24106.433	108.618
AA5	4106.801	24108.673	108.634
AA6	3984.970	24121.746	107.910
AA7	3982.769	24119.975	107.910
AA8	3982.103	24113.886	107.910

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
AA2 - AA3	90.000	2.000	3.142	0.586	0.434	0.765	0.649	0.785	108.568
AA4 - AA5	91.111	2.000	3.180	0.600	0.444	0.774	0.654	0.795	108.626
AA6 - AA7	89.880	2.000	3.137	0.584	0.432	0.764	0.648	0.784	107.910
AA8 - AA1	89.008	2.000	3.107	0.574	0.425	0.757	0.645	0.777	107.910

LIP LINE AD

Point no	Easting	Northing	RL
AD1	3980.557	24129.337	109.970
AD2	3974.359	24120.895	109.970
AD3	3973.803	24115.817	109.970
AD4	3973.706	24114.922	109.670
AD5	3973.693	24114.806	109.670
AD6	3977.446	24105.589	109.670
AD7	3978.165	24105.048	109.970
AD8	3982.773	24103.291	109.970
AD9	4018.631	24089.895	109.970
AD10	4081.040	24091.254	110.423
AD11	4104.325	24088.468	110.526
AD12	4115.862	24096.099	110.648
AD13	4117.390	24105.269	110.747
AD14	4107.763	24117.638	110.787
AD15	4090.093	24119.578	110.690
AD16	4064.213	24122.085	110.491
AD17	4002.962	24127.534	109.941

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
AD1 - AD2	60.083	10.460	10.969	1.405	1.048	2.711	2.526	2.742	109.970
AD5 - AD6	56.809	10.460	10.371	1.259	0.940	2.566	2.409	2.593	109.670
AD6 - AD7	4.930	10.460	0.900	0.010	0.007	0.225	0.225	0.225	109.820
AD7 - AD8	27.269	10.460	4.978	0.295	0.221	1.242	1.224	1.245	109.970
AD11 - AD12	82.051	10.536	15.088	2.588	1.919	3.692	3.224	3.772	110.568
AD13 - AD14	94.820	10.645	17.616	3.441	2.543	4.279	3.557	4.404	110.807

LIP LINE AB

Point no	Easting	Northing	RL
AB1	3987.111	24125.439	109.220
AB2	3985.387	24125.624	109.210
AB3	3978.892	24120.399	109.210
AB4	3978.226	24114.310	109.210
AB5	3983.348	24107.815	109.210
AB6	4104.774	24092.398	109.860
AB7	4111.370	24097.508	109.876
AB8	4112.441	24105.942	109.918
AB9	4107.217	24112.551	109.934
AB10	3998.696	24124.196	109.289

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
AB2 - AB3	89.880	5.900	9.255	1.724	1.276	2.255	1.913	2.314	109.210
AB4 - AB5	89.008	5.900	9.166	1.692	1.253	2.234	1.901	2.291	109.210
AB6 - AB7	90.000	5.900	9.268	1.728	1.279	2.258	1.914	2.317	109.868
AB8 - AB9	91.111	5.900	9.382	1.769	1.309	2.284	1.928	2.346	109.926

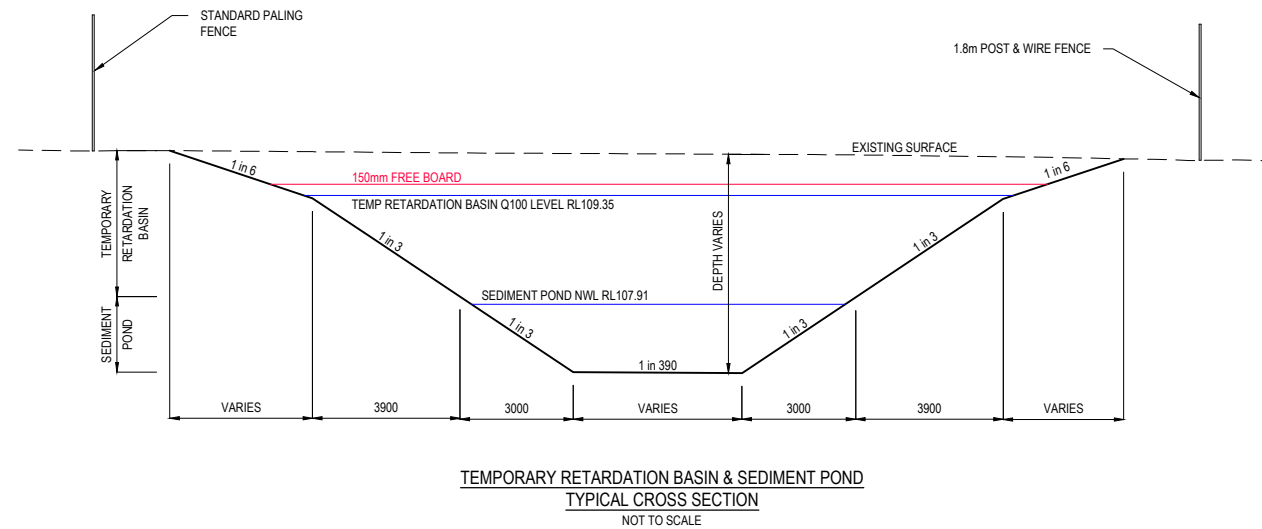
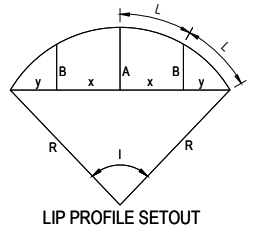
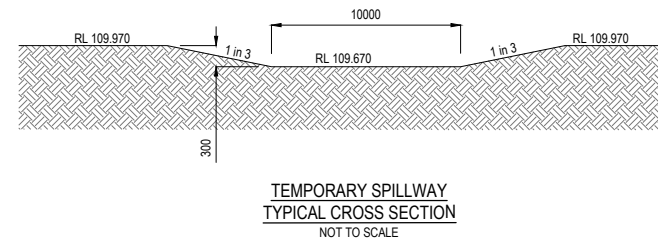
LIP LINE AE

Point no	Easting	Northing	RL
AE1	3984.970	24121.746	107.910
AE2	3982.769	24119.975	107.910
AE3	3982.103	24113.886	107.910
AE4	3983.839	24111.684	107.910
AE5	4002.641	24109.297	108.011
AE6	4004.877	24111.029	108.024
AE7	4005.695	24117.472	108.034
AE8	4003.925	24119.712	108.023

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
AE1 - AE2	89.880	2.000	3.137	0.584	0.432	0.764	0.648	0.784	107.910
AE3 - AE4	89.008	2.000	3.107	0.574	0.425	0.757	0.645	0.777	107.910
AE5 - AE6	89.997	2.000	3.142	0.586	0.434	0.765	0.649	0.785	108.022
AE7 - AE8	91.114	2.000	3.180	0.600	0.444	0.774	0.654	0.795	108.035

LIP LINE AF

Point no	Easting	Northing	RL
AF1	3985.643	24118.657	106.916
AF2	4002.597	24116.837	107.017
AF3	4002.034	24112.398	107.026
AF4	3985.209	24114.534	106.915
AF5	3985.643	24118.657	106.911

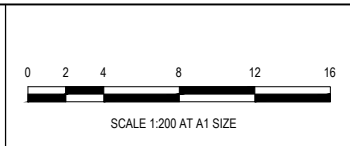


LEGEND

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P3	SECTION ADDED AND FENCING NOTES	31.08.22	JM	JM					
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



Designed: K. LIM WAN
Date: 04.04.2022
Drawn: L.SUTHERLAND
Checked: J.MONGAN
Date: 05.04.2022
Approved: J.MONGAN
Reg. No. PE0005496
Date: 05.04.2022
PS Number: PS842547E

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Project: PARKGLEN
Stage: STAGE 01
MELTON CITY COUNCIL
Drawing Title: RETARDING BASIN

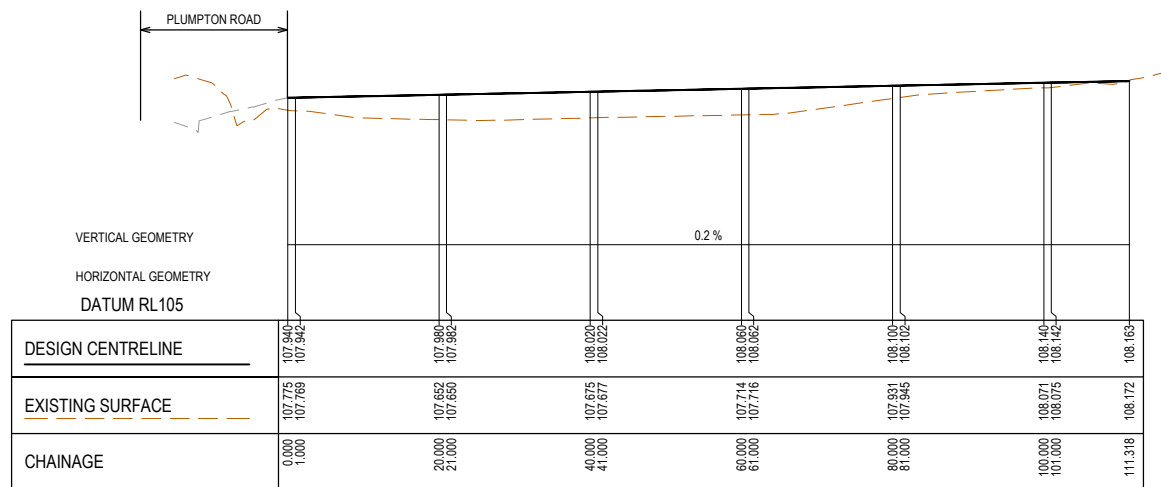
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Scale: 1:200 @ A1
Project Ref: 1801127
Stage No: 01
Drawing No: 420
Rev: P3

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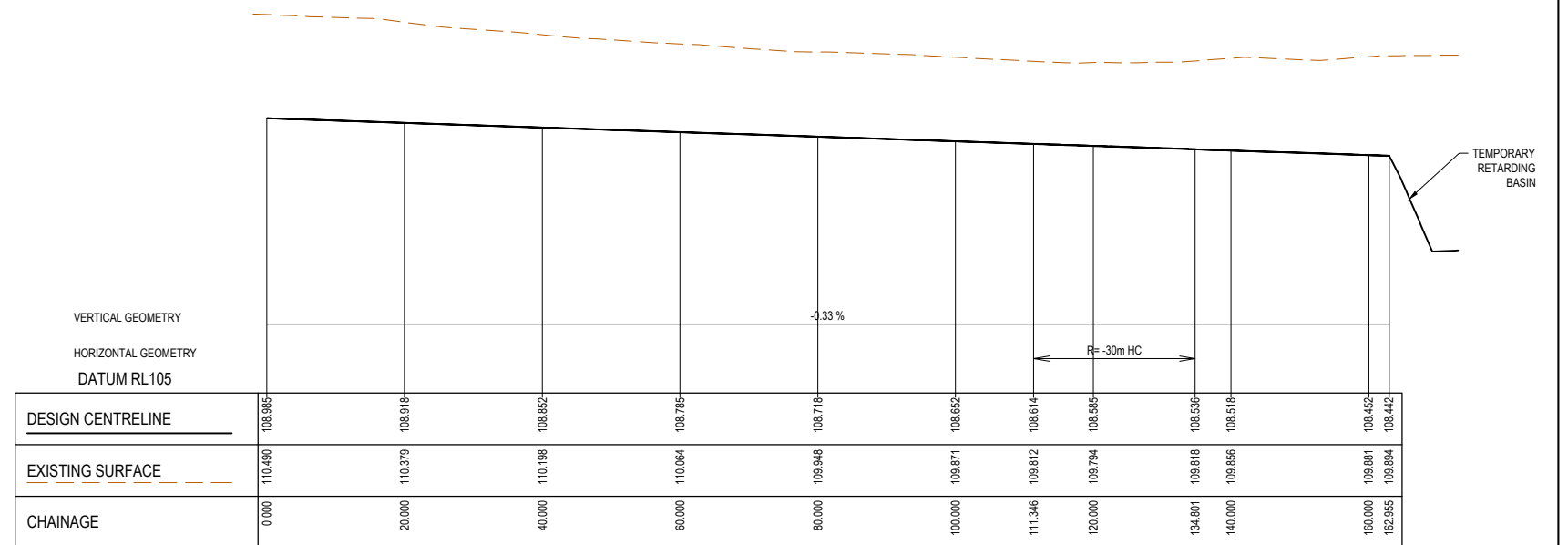


**APPROVED
DETAILED ENGINEERING PLANS**
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT RIGHT BOUNDARY
	RIGHT TOP OF BANK
	EXISTING SURFACE AT LEFT BOUNDARY
	LEFT TOP OF BANK



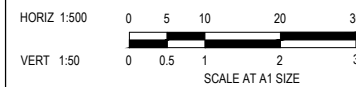
SWALE A - LONGITUDINAL SECTION



SWALE B - LONGITUDINAL SECTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM					
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM					



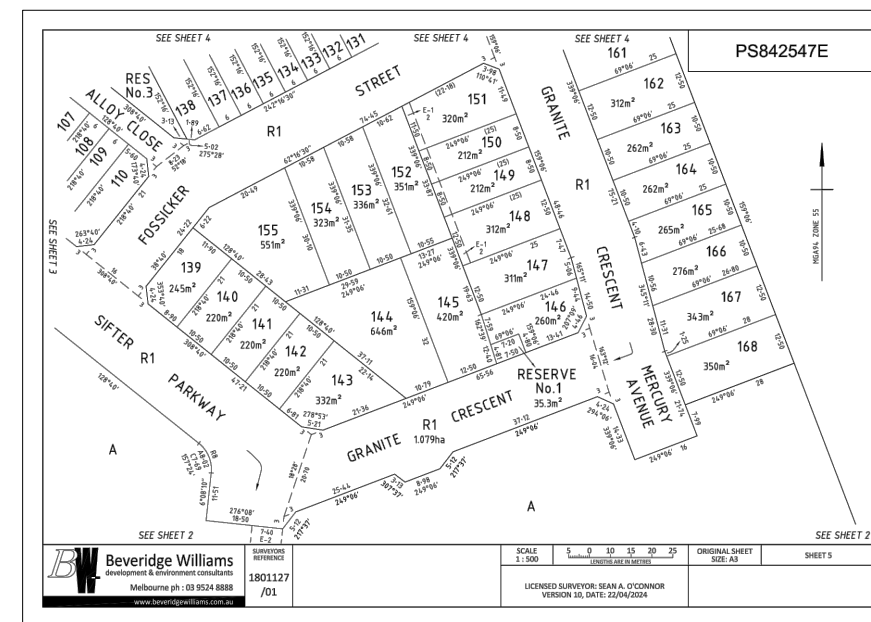
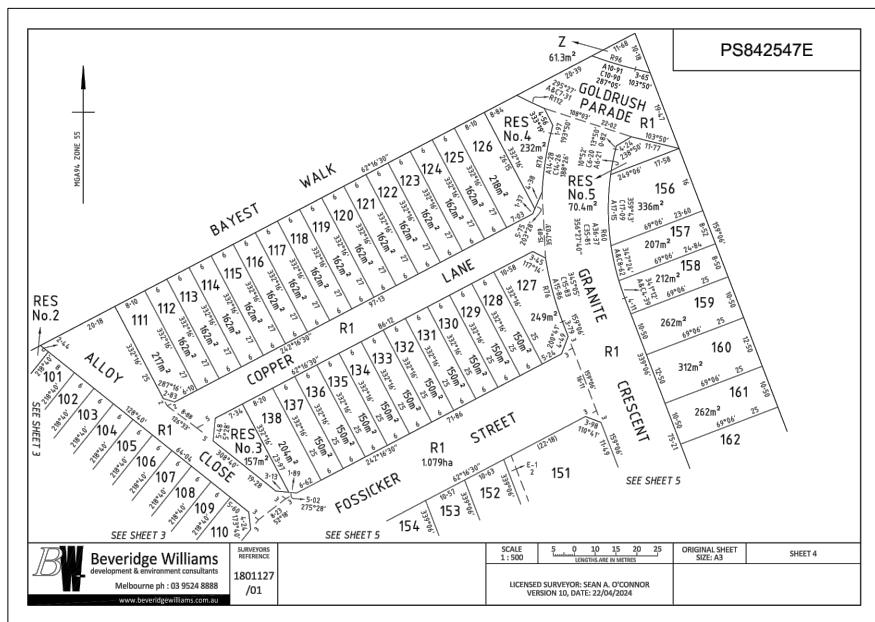
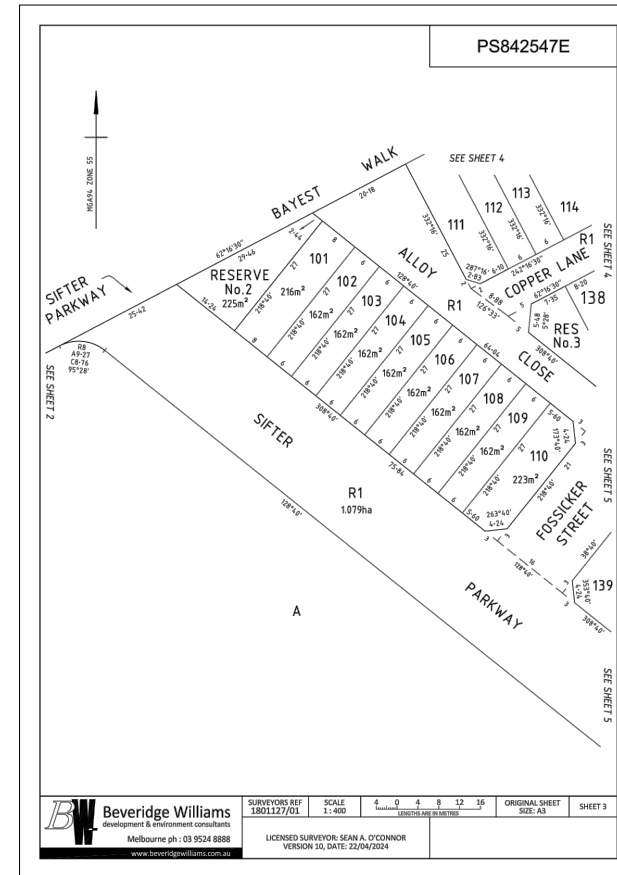
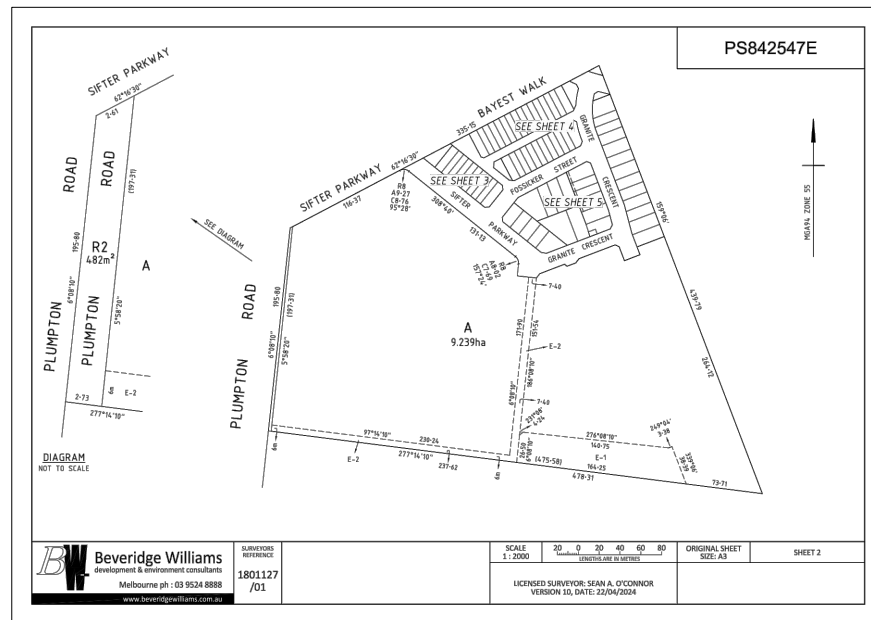
Designed	K. LIM WAN
Date	04.04.2022
Drawn	LSUTHERLAND
Checked	J.MONGAN
Date	05.04.2022
Approved	J. MONGAN
Reg. No.	PS0003498
Date	05.04.2022
PS Number	PS842547E

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Project Details	PARKGLEN STAGE 01 MELTON CITY COUNCIL
Drawing Title	SWALE LONGITUDINAL SECTIONS

Sheet	54 of 55
Scale	1:500 H 1:50 V @ A1
Project Ref	1801127
Stage No	01
Drawing No	430
Rev	P2

PLAN OF SUBDIVISION		EDITION 1	PS842547E
LOCATION OF LAND		COUNCIL NAME: MELTON CITY COUNCIL	
PARISH: MARIBYRNONG TOWNSHIP: — SECTION: B CROWN ALLOTMENT: 4 (PART) CROWN PORTION: — TITLE REFERENCE: VOL. 9987 FOL. 224 LAST PLAN REFERENCE: LP219656R (LOT 7) POSTAL ADDRESS: 1241-1249 PLUMPTON ROAD FRASER RISE 3336			
MGA CO-ORDINATES: E: 296 990 ZONE: 55 N: 5 824 350 GDA 94			
VESTING OF ROADS AND/OR RESERVES		NOTATIONS	
IDENTIFIER: ROAD R1 ROAD R2 RESERVE No. 1 RESERVE No. 2 RESERVE No. 3 RESERVE No. 4 RESERVE No. 5	COUNCIL BODY/PERSON: MELTON CITY COUNCIL MELTON CITY COUNCIL POWERRON AUSTRALIA LTD MELTON CITY COUNCIL MELTON CITY COUNCIL MELTON CITY COUNCIL	LOTS 1 TO 100 (BOTH INCLUSIVE) HAVE BEEN OMITTED FROM THIS PLAN. LOTS IN THIS PLAN MAY BE AFFECTED BY ONE OR MORE RESTRICTIONS. FOR DETAILS OF RESTRICTIONS INCLUDING BURDENED LOTS & IDENTIFYING LOTS, SEE CREATION OF RESTRICTIONS ON SHEET 6.	
NOTATIONS			
DEPTH LIMITATION: 15.24m APPLIES This is a SPEAR plan. STAGING: This is not a staged subdivision. SURVEY: This survey has been connected to permanent marks No.63, KOROROTI PM 53 In Proclaimed Survey Area No. —			
EASEMENT INFORMATION			
LEGEND: A - Appurtenant Easement E - Encumbering Easement R - Encumbering Easement (Road) EASEMENTS AND RIGHTS IMPLIED BY SECTION 132(2) OF THE SUBDIVISION ACT 1988 APPLIES TO LOTS 101 TO 138 (BOTH INCLUSIVE)			
Easement Reference	Purpose	Width (Metres)	Origin
E-1, E-2	DRAINAGE	SEE DIAG.	THIS PLAN
E-2	SEWERAGE	SEE DIAG.	THIS PLAN
			GREATER WESTERN WATER CORPORATION
Beveridge Williams development & environment consultants Melbourne ph: 03 9524 8888 www.beveridgewilliams.com.au		SURVEYORS REF: 1801127/01 1801127-01-PS-V10.DWG LICENSED SURVEYOR: SEAN A. O'CONNOR VERSION 10, DATE: 22/04/2024	SCALE: 1:2000 ORIGINAL SHEET SIZE: A3 SHEET 2



SUBDIVISION ACT 1988		PS842547E
CREATION OF RESTRICTION 'A'		
UPON REGISTRATION OF THIS PLAN THE FOLLOWING RESTRICTION IS CREATED		
LAND TO BENEFIT: LOTS 101 TO 138 (BOTH INCLUSIVE) LAND TO BE BURDENED: LOTS 101 TO 138 (BOTH INCLUSIVE)		
DESCRIPTION OF RESTRICTION: EXCEPT WITH THE WRITTEN CONSENT OF THE DESIGN ASSESSMENT PANEL, THE REGISTERED PROPRIETOR OR PROPRIETORS FOR THE TIME BEING OF ANY BURDENED LOT ON THE PLAN OF SUBDIVISION SHALL NOT:		
(1) CONSTRUCT OR ALLOW TO BE CONSTRUCTED ANY BUILDING OR STRUCTURE OTHER THAN A BUILDING OR STRUCTURE THAT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN GUIDELINES ENDORSED BY MELTON CITY COUNCIL UNDER TOWN PLANNING PERMIT No. PA3205/0077 AS AMENDED FROM TIME TO TIME.		
A COPY OF THE DESIGN GUIDELINES IS AVAILABLE AT: https://portal.beveridgewilliams.com.au/		
(2) CONSTRUCT OR ALLOW TO BE CONSTRUCTED ANY BUILDING OR STRUCTURE ON THE LOT PRIOR TO:		
(A) COPIES OF BUILDING PLANS, ELEVATION, ROOF PLANS, SITE PLANS (INCORPORATING SETBACKS FROM ALL BOUNDARIES, EXISTING CONTOURS, PROPOSED FINISHED FLOOR LEVELS AND SITE LEVELS, ALL PROPOSED DRIVEWAYS AND PATHS, DETAILS OF FENCES AND OUTBUILDINGS AND LANDSCAPING) AND SCHEDULES OF EXTERNAL COLOURS AND MATERIALS HAVE BEEN SUBMITTED VIA THE DESIGN PORTAL AT THE ABOVE ADDRESS OR SUCH OTHER ENTITY AS MAY BE NOMINATED BY THE DESIGN ASSESSMENT PANEL FROM TIME TO TIME;		
(B) THE DESIGN ASSESSMENT PANEL OR SUCH OTHER ENTITY AS MAY BE NOMINATED BY THE DESIGN ASSESSMENT PANEL FROM TIME TO TIME HAVE GIVEN ITS WRITTEN APPROVAL TO THE PLANS PRIOR TO THE COMMENCEMENT OF WORKS.		
EXPIRY: THE ABOVE RESTRICTION EXPIRES 5 YEARS AFTER THE DATE OF REGISTRATION OF THIS PLAN.		
CREATION OF RESTRICTION 'B'		
UPON REGISTRATION OF THIS PLAN THE FOLLOWING RESTRICTION IS CREATED		
LAND TO BENEFIT: LOTS 146, 149, 150, 157, 158, 160, 161, 163 TO 166 (BOTH INCLUSIVE) LAND TO BE BURDENED: LOTS 146, 149, 150, 157, 158, 160, 161, 163 TO 166 (BOTH INCLUSIVE)		
DESCRIPTION OF RESTRICTION: THE REGISTERED PROPRIETOR OR PROPRIETORS FOR THE TIME BEING OF ANY BURDENED LOT ON THIS PLAN OF SUBDIVISION SHALL NOT AT ANY TIME ON THE SAID LOT OR ANY PARTS THEREOF CONSTRUCT OR EXTEND ANY DWELLING OR ALLOW THE CONSTRUCTION OR EXTENSION OF ANY DWELLING THAT DOES NOT COMPLY WITH THE SMALL LOT HOUSING CODE AS INCORPORATED INTO THE MELTON PLANNING SCHEME, UNLESS THE CONSTRUCTION OR EXTENSION OF ANY DWELLING HAS BEEN APPROVED BY THE RESPONSIBLE AUTHORITY UNDER THE RELEVANT PLANNING REGULATIONS.		
FOR THE PURPOSES OF ASSESSMENT AGAINST THE SMALL LOT HOUSING CODE, ALL BURDENED LOTS ARE TO BE ASSESSED AS TYPE A LOTS.		
EXPIRY: THE ABOVE RESTRICTION EXPIRES 5 YEARS AFTER THE DATE OF REGISTRATION OF THIS PLAN.		
CREATION OF RESTRICTION 'C'		
UPON REGISTRATION OF THIS PLAN THE FOLLOWING RESTRICTION IS CREATED		
LAND TO BENEFIT: LOTS 101 TO 142 (BOTH INCLUSIVE) LAND TO BE BURDENED: LOTS 101 TO 142 (BOTH INCLUSIVE)		
DESCRIPTION OF RESTRICTION: THE REGISTERED PROPRIETOR OR PROPRIETORS FOR THE TIME BEING OF ANY BURDENED LOT ON THIS PLAN OF SUBDIVISION SHALL NOT AT ANY TIME ON THE SAID LOT OR ANY PARTS THEREOF CONSTRUCT OR EXTEND ANY DWELLING OR ALLOW THE CONSTRUCTION OR EXTENSION OF ANY DWELLING THAT DOES NOT COMPLY WITH THE SMALL LOT HOUSING CODE AS INCORPORATED INTO THE MELTON PLANNING SCHEME, UNLESS THE CONSTRUCTION OR EXTENSION OF ANY DWELLING HAS BEEN APPROVED BY THE RESPONSIBLE AUTHORITY UNDER THE RELEVANT PLANNING REGULATIONS.		
FOR THE PURPOSES OF ASSESSMENT AGAINST THE SMALL LOT HOUSING CODE, ALL BURDENED LOTS ARE TO BE ASSESSED AS TYPE B LOTS.		
EXPIRY: THE ABOVE RESTRICTION EXPIRES 5 YEARS AFTER THE DATE OF REGISTRATION OF THIS PLAN.		
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APPROVED
DETAILED ENGINEERING PLANS
Nihal Jayasekara
ENGINEERING SERVICES
Date: 31/05/2024

PRELIMINARY PRINT
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P3	CURRENT POS	23.05.24	NG	NG	
P2	AMENDMENTS FOLLOWING COUNCIL COMMENTS	19.07.22	JM	JM	
P1	ISSUED FOR INFORMATION	08.04.22	LS	JM	
REV	DESCRIPTION	DATE	DRN.	APP.	REV

Designed	K. LIM WAN
Date	04.04.2022
Drawn	L.SUTHERLAND
Checked	J.MONGAN
Date	05.04.2022
Approved	J. MONGAN
Reg. No.	PE0005496
Date	05.04.2022
PS Number	PS842547E

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Project Details	PARKGLEN STAGE 01 MELTON CITY COUNCIL
Project Ref	1801127
Stage No	01
Drawing No	450
Rev	P3

Sheet	55 of 55
Scale	NOT TO SCALE