

# 250 WEDGE ROAD STAGE 3A YOURLAND DEVELOPMENTS PTY LTD

## SURVEY

1. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) 94, ZONE 55.

2. ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES AND ARE ACCURATE TO WITHIN ±0.05m.

3. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH YOURLAND UMBRELLA AGREEMENT GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED MUNICIPALITY SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE SUPERINTENDENT AND THE MUNICIPAL ENGINEER OR THEIR REPRESENTATIVE.

4. ROAD CHAINAGES REFER TO ROAD CENTRELINES. CHAINAGES FOR INTERSECTIONS AND CUL-DE-SACS REFER TO THE LIP OF KERB

## EARTHWORKS

5. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL LOCAL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.

6. WHERE REQUIRED ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.

7. ALL EXCAVATED ROCK AND SURPLUS SPOIL TO BE REMOVED AND DISPOSED OFF SITE UNLESS NOTED OTHERWISE.

8. ALL FILLING ON LOTS AND WITHIN ROAD RESERVES GREATER THAN 200mm IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.

9. FILLING MATERIAL IS TO BE IN ACCORDANCE WITH THE SPECIFICATION, AS 3798-2007 & TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT.

10. ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.

11. NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE FOR PUBLIC OPEN SPACE UNLESS OTHERWISE DIRECTED OR APPROVED BY THE SUPERINTENDENT.

12. TBM'S TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF T.B.M.'S THEREAFTER.

13. AT LEAST 3 DAYS PRIOR TO COMMENCING WORK ON EXCAVATIONS IN EXCESS OF 150m DEEP, A NOTIFICATION FORM MUST BE SENT TO WORKSAFE. THE CONTRACTOR IS TO COMPLY WITH WORKSAFE, THE MINES (TRENCHES) REGULATION 1982, THE MINES ACT 1958 AND OCCUPATIONAL HEALTH AND SAFETY ACT 1985, 2004.

14. ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND KERB AND CHANNEL OR PAVED TRAFFIC AREAS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.

WHERE REQUIRED, ALL EXISTING DAMS, DEPRESSIONS AND DRAINS ARE TO BE BREACHED, DRAINED, DESLUGGED AND SHALL BE EXCAVATED TO A CLEAN FIRM BASE. THE SURFACE SHALL BE INSPECTED, APPROVED AND LEVELED BY THE ENGINEER PRIOR TO COMMENCEMENT OF FILLING. ALL FILLING WITHIN ROAD RESERVES TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND TO BE COMPLETED IN ACCORDANCE WITH AS 3798-2007 AND TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT.

15. NO BLASTING TO BE CARRIED OUT WITHIN THE MUNICIPALITY WITHOUT OBTAINING COUNCIL'S PERMISSION.

## SERVICES

16. GAS AND WATER CONDUITS ARE TO BE .  
Ø50mm . CLASS 12 P.V.C. - SINGLE SERVICE  
Ø100mm . CLASS 12 P.V.C. - DUAL SERVICE (DRINKING AND NON DRINKING WATER)

WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS:  
ROAD PAVEMENT - 0.80m  
VERGE, FOOTPATHS - 0.45m

17. ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS TO BE BACKFILLED IN ACCORDANCE WITH RELEVANT MUNICIPALITY OR ROAD AUTHORITY SPECIFICATION.

18. WATER TAPPINGS TO BE LOCATED IN ACCORDANCE WITH MRWA-W-110 STANDARDS UNLESS OTHERWISE SHOWN

19. TELSTRA ARE TO BE NOTIFIED 7 DAYS PRIOR TO PLACEMENT OF CONCRETE WORKS. (IF SERVICE INDICATED)

## STORM WATER DRAINAGE

20. AG/SUBSOIL DRAIN TO BE LAID BEHIND KERB WHERE REQUIRED IN ACCORDANCE WITH THE COUNCIL STANDARD DRAWINGS AND CONNECTED TO UNDERGROUND DRAINAGE.

21. ALL STORMWATER DRAINS ARE TO BE CLASS '2' R.C./P.P PLASTIC PIPES UNLESS OTHERWISE SHOWN. ALL R.C./P.P JOINTS ARE TO BE RUBBER RING JOINTED (R.R.J.).

22. CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 2.5m OR 3.0m (WHERE OUTSIDE OF SEWER) FROM THE PROPERTY LINE UNLESS SHOWN OTHERWISE.

23. WHERE CURVED PIPES ARE SHOWN ON THE FACE PLANS THEY ARE TO BE LAID PARALLEL TO THE BACK OF KERB, EXCEPT WHERE A RADIUS HAS BEEN SPECIFICALLY NOMINATED. CURVED PIPES ARE TO BE APPROVED BY COUNCIL AND IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.

## PAVEMENT

24. PAVEMENT DEPTHS MAY BE MODIFIED AS DIRECTED BY THE SUPERINTENDENT. PAVEMENT TO BE BOXED OUT TO MINIMUM DEPTH DENOTED, INSPECTED AND IF SUBGRADE IS IN QUESTION, FURTHER TESTING CARRIED OUT TO DETERMINE FINAL PAVEMENT DEPTH.

WHERE PAVEMENT IS CONSTRUCTED ON FILLING, FILL MATERIAL IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCIL. ALL FILLING WITHIN ROAD RESERVES TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND TO BE COMPLETED IN ACCORDANCE WITH AS 3798-2007 AND TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT.

25. WHEN PAVEMENT EXCAVATION IS IN ROCK ALL LOOSE MATERIAL (INCLUDING ROCKS AND CLAY) MUST BE REMOVED. THE SUB-GRADE MUST THEN BE REGULATED WITH COUNCIL APPROVED MATERIAL.

## SIGNAGE AND LINEMARKING

26. LINEMARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742 SERIES UNLESS NOTED OTHERWISE. STREET SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL STANDARDS.

27. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE SUPPLIED AND MAINTAINED IN ACCORDANCE WITH AS 1742-3.

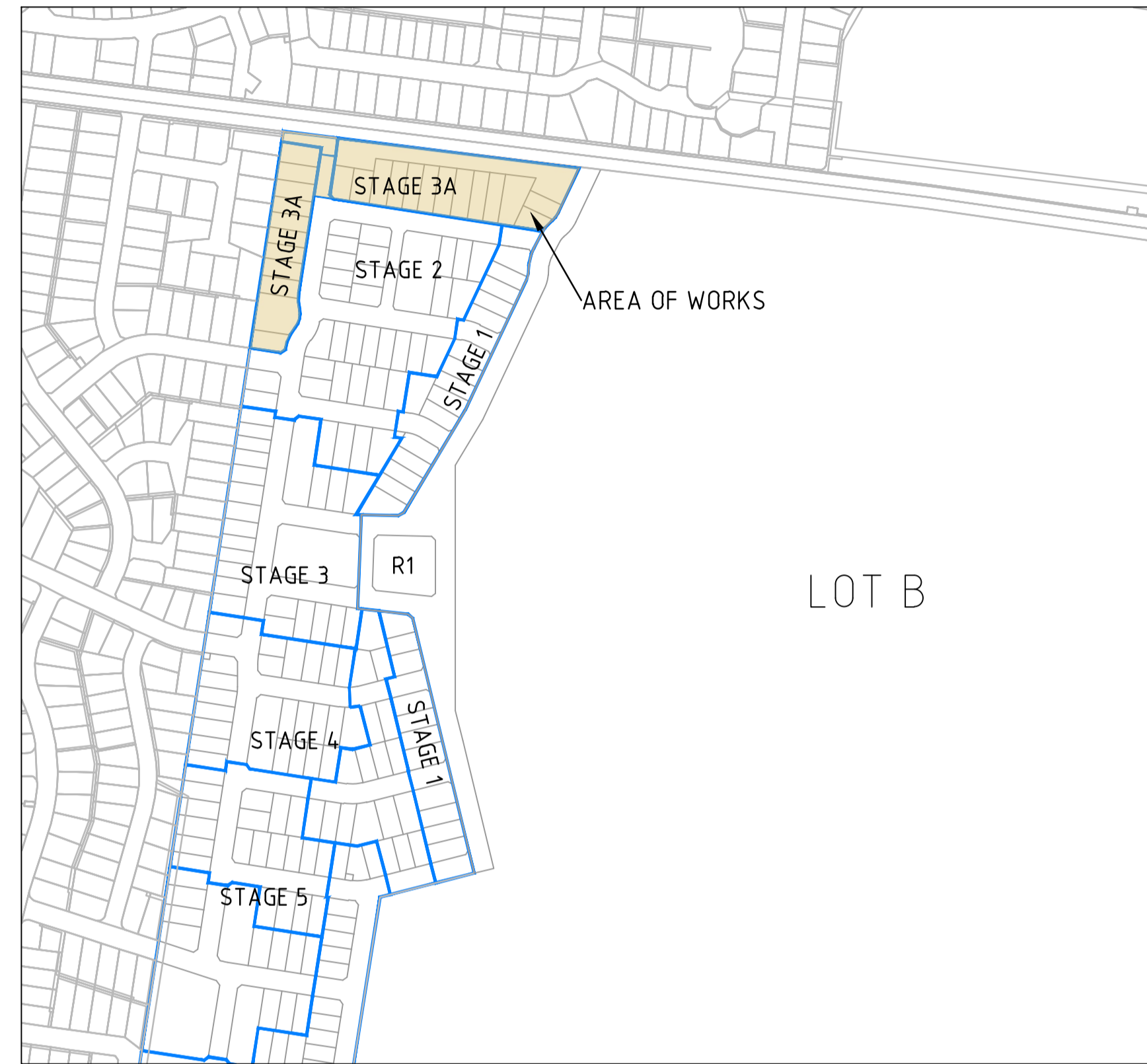
28. TACTILE GROUND SURFACE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH THE DISABILITY DISCRIMINATION ACT AND RELEVANT COUNCIL STANDARD DRAWINGS.

## ENVIRONMENTAL

29. CONTRACTOR TO PROVIDE AN ENVIRONMENTAL MANAGEMENT PLAN INCLUDING SILT AND SEDIMENT RUNOFF PROTECTION ETC. PRIOR TO THE COMMENCEMENT OF WORKS.

30. ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN. IF ROAD AND DRAINAGE CONSTRUCTION NECESSITATES THEIR REMOVAL, WRITTEN PERMISSION MUST BE OBTAINED FROM THE SUPERINTENDENT.

31. TREES NOT SPECIFIED FOR REMOVAL ARE TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS.



LOCALITY PLAN

H 14,000  
SCALE @ A1

## DRAWING SCHEDULE

DRAWING	DESCRIPTION	SHEET No.	REVISION
CR100	GENERAL NOTES - SHEET 1	1	2
CR200	ROAD LAYOUT PLANS - SHEET 1	2	0
CR201	ROAD LAYOUT PLANS - SHEET 2	3	0
CR300	ROAD LONG SECTIONS - SHEET 1	4	0
CR400	ROAD CROSS SECTIONS - SHEET 1	5	0
CR401	ROAD CROSS SECTIONS - SHEET 2	6	0
CR402	ROAD CROSS SECTIONS - SHEET 3	7	0
CR600	DRAINAGE LONG SECTIONS - SHEET 1	8	2
CR700	PAVEMENT AND TYPICAL DETAILS - SHEET 1	9	0
CR701	PAVEMENT AND TYPICAL DETAILS - SHEET 2	10	0
CR702	PAVEMENT AND TYPICAL DETAILS - CONCRETE DETAILS PLAN	11	0
CR703	PAVEMENT AND TYPICAL DETAILS - RETAINING WALL DETAILS	12	0
CR800	SIGNAGE AND LINEMARKING - SHEET 1	13	0

**DRAINAGE PLANS APPROVED FOR  
CONSTRUCTION BY ENGINEERING SERVICES**

Date: 14/02/2024  
Drainage Plans Approved Under: 2/2024/DPP

Fees are applicable to all developments  
within the municipality. Failure to construct as  
per the approved plans will incur extra fees

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## WARNING

**BEWARE OF UNDERGROUND/OVERHEAD SERVICES**  
THE LOCATION OF SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.



## LEGEND

### DESCRIPTION

WATER MAIN

EXISTING

PROPOSED

UNDERGROUND ELECTRICITY  
OVERHEAD ELECTRICITY & POLE  
TELSTRA & SERVICE PIT  
OPTIC FIBRE  
OVERHEAD TELSTRA  
GAS MAIN

SEWER & MANHOLE

CENTRAL INVERT  
COUNCIL STORM WATER DRAIN AND PIT  
STORM WATER DRAINAGE PROPERTY INLETS  
COUNCIL STORMWATER PITS  
MWC MAIN DRAINAGE  
HOUSE DRAIN

GAS & WATER CONDUITS

CONCRETE VEHICLE CROSSING

SURFACE CONTOUR MINOR

SURFACE CONTOUR MAJOR

SIGN AND POST

LIGHT & POLE (BY OTHERS)

STREET SIGN

PERMANENT SURVEY MARK

TEMPORARY BENCH MARK

BOLLARD

LIMIT OF WORKS

LIMIT OF NORTH - SOUTH ROAD AND STAGE 1

FENCE - TREE PROTECTION ZONE

FENCE - VEHICLE EXCLUSION

FENCES

TREE

TREE PROTECTION ZONE

ROAD FLOW PATH

LOT FALL PATH

LOW POINT / HIGH POINT

LOT DIMENSION

LOT AREA

PARKED PASSENGER VEHICLE

CONCRETE SLEEPER RETAINING WALL

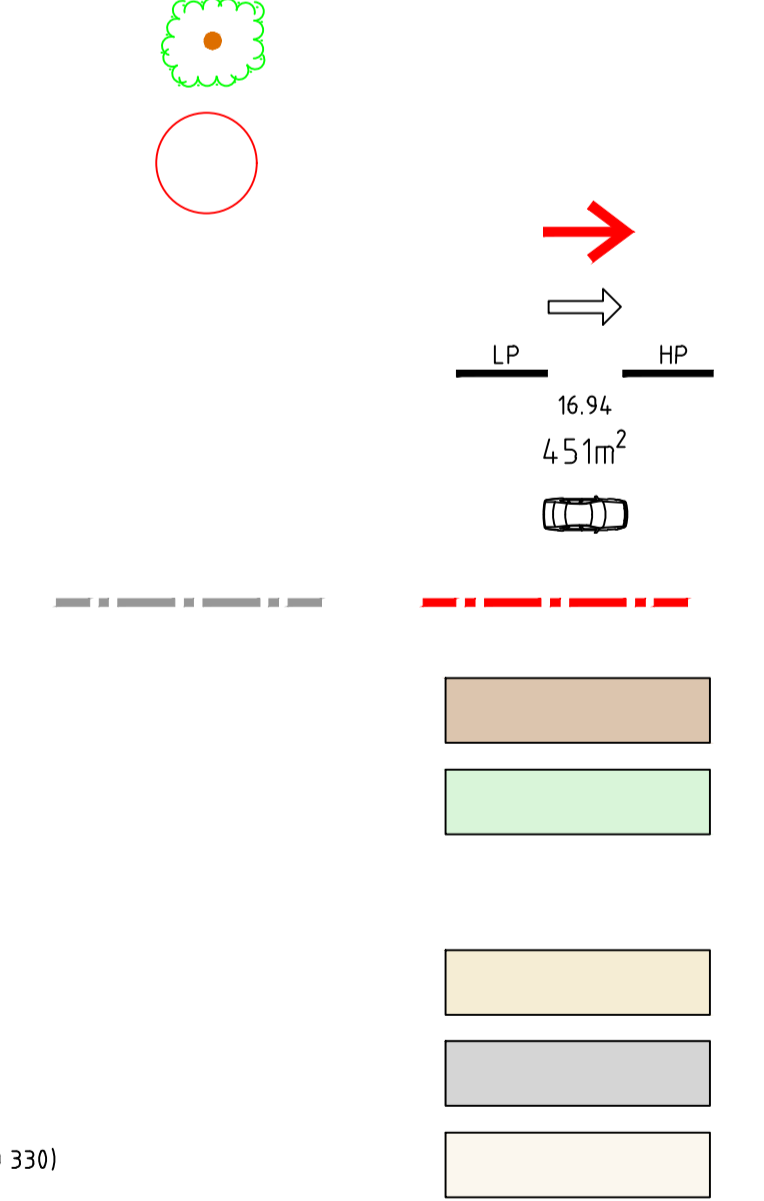
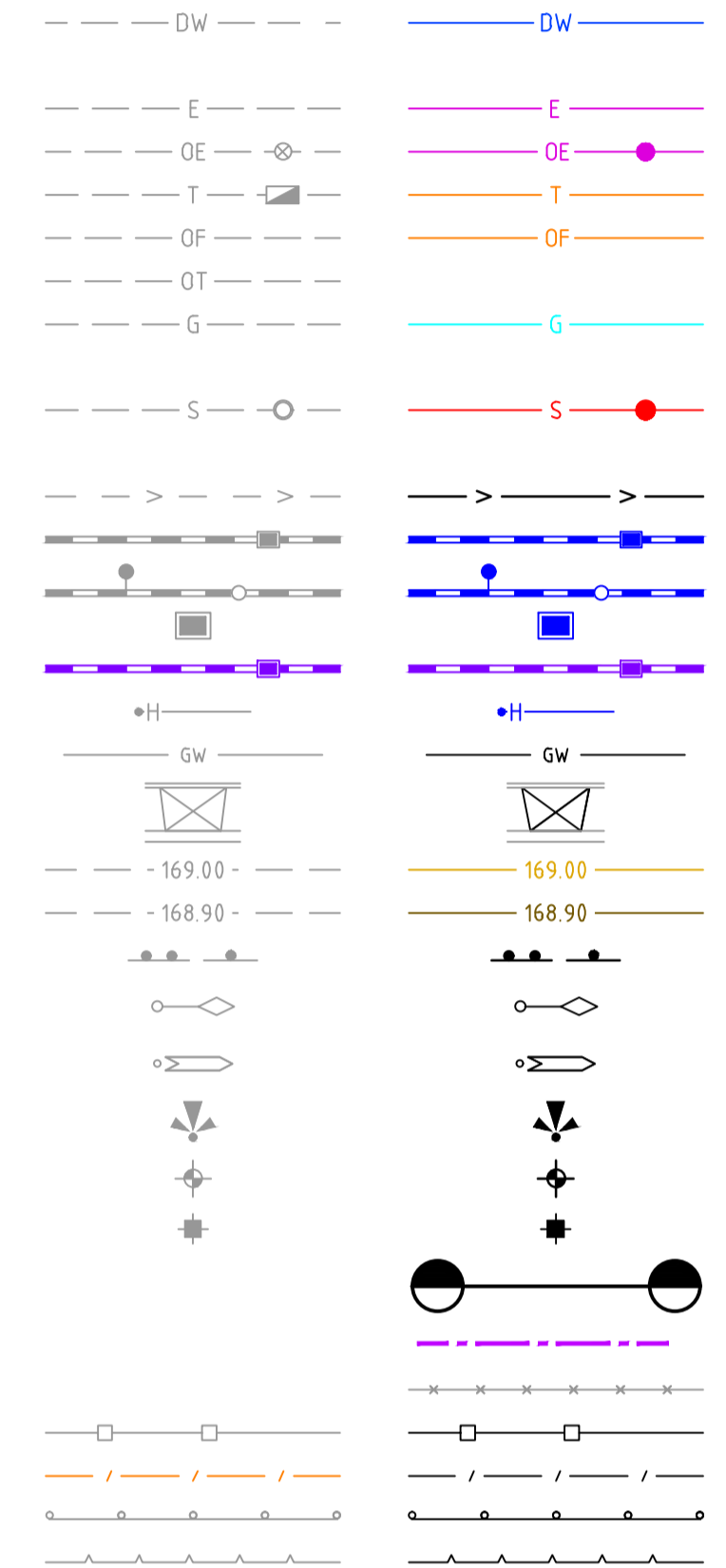
EXCAVATION GREATER THAN 0.20m

FILLING GREATER THAN 0.20m

CONCRETE STANDARD VEHICLE CROSSING

EXTENDED DRIVEWAY

STANDARD CONCRETE FOOTPATH (AS PER FCC SD 330)



file name: 320311-000CR100.dwg, layout name: CR100, plotted by: Numbha, Date: 08/02/2024, 2:14 PM, Sheet: 1 of 13 Sheets

Rev	Amendments	Approved	Date
2	DRAWING SCHEDULE UPDATED	N.G	08/02/24
1	LEGEND UPDATED	N.G	05/02/24
0	ISSUED FOR CONSTRUCTION	N.G	30/01/24
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spiire.com.au ABN 55 050 029 635

**YourLand**  
Developments

Designed  
M.GANJI

Checked  
N.WORME

Authorised  
N.GREEN

Date  
30/05/2023

**250 WEDGE ROAD  
STAGE 3A  
ROAD AND DRAINAGE  
GENERAL NOTES - SHEET 1**  
FRANKSTON CITY COUNCIL  
YOURLAND DEVELOPMENTS PTY LTD

**CONSTRUCTION** 320311-000CR100 2

Rev



**DRAINAGE PLANS APPROVED FOR CONSTRUCTION BY ENGINEERING SERVICES**

Date: 14/02/2024  
Drainage Plans Approved Under: 2/2024/DPP

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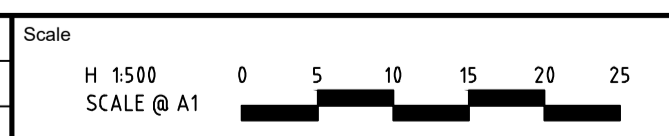
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**WARNING**

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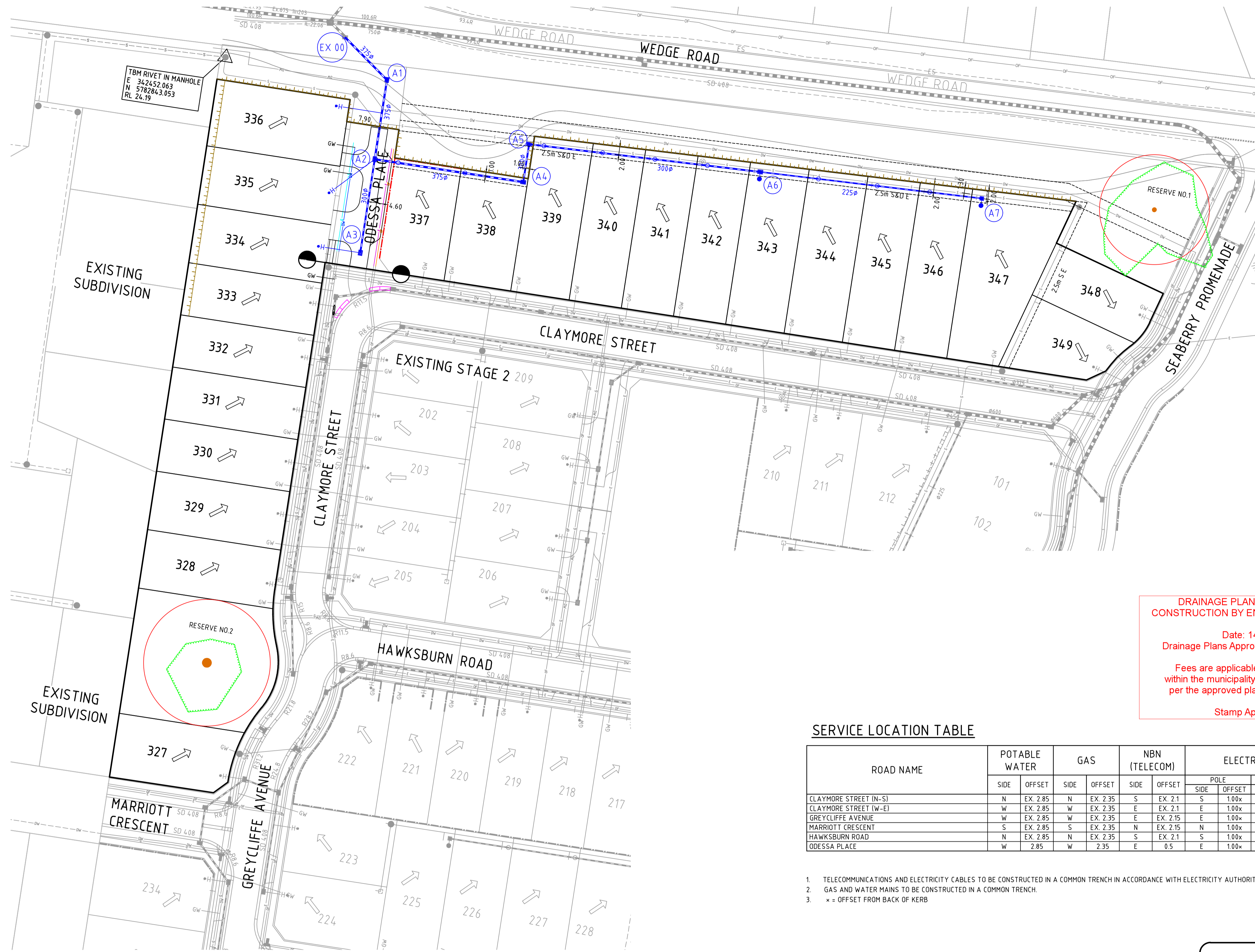
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Designed: M.GANJI  
Authorised: N.GREEN  
Checked: N.WORME  
Date: 30/05/2023

**250 WEDGE ROAD  
STAGE 3A  
ROAD AND DRAINAGE  
ROAD LAYOUT PLANS - SHEET 1**  
FRANKSTON CITY COUNCIL  
YOURLAND DEVELOPMENTS PTY LTD

**CONSTRUCTION** 320311-000CR200 0



**DRAINAGE PLANS APPROVED FOR CONSTRUCTION BY ENGINEERING SERVICES**

Date: 14/02/2024  
Drainage Plans Approved Under: 2/2024/DPP

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**SERVICE LOCATION TABLE**

ROAD NAME	POTABLE WATER		GAS		NBN (TELECOM)		ELECTRICITY				SEWER	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	POLE		U/G CABLE		SIDE	OFFSET
							SIDE	OFFSET	SIDE	OFFSET		
CLAYMORE STREET (N-S)	N	EX. 2.85	N	EX. 2.35	S	EX. 2.1	S	1.00x	S	EX. 2.7	N	EX. 1.00
CLAYMORE STREET (W-E)	W	EX. 2.85	W	EX. 2.35	E	EX. 2.1	E	1.00x	E	EX. 2.7	W	EX. 1.00
GREYCLIFFE AVENUE	W	EX. 2.85	W	EX. 2.35	E	EX. 2.15	E	1.00x	E	EX. 2.65	E&W	EX. 1.00
MARRIOTT CRESCENT	S	EX. 2.85	S	EX. 2.35	N	EX. 2.15	N	1.00x	N	EX. 2.65	-	-
HAWKSBURN ROAD	N	EX. 2.85	N	EX. 2.35	S	EX. 2.1	S	1.00x	S	EX. 2.7	S	EX. 1.00
ODESSA PLACE	W	2.85	W	2.35	E	0.5	E	1.00x	E	1.00	W	EX. 1.00

- TELECOMMUNICATIONS AND ELECTRICITY CABLES TO BE CONSTRUCTED IN A COMMON TRENCH IN ACCORDANCE WITH ELECTRICITY AUTHORITY STANDARD DRG's.
- GAS AND WATER MAINS TO BE CONSTRUCTED IN A COMMON TRENCH.
- \* = OFFSET FROM BACK OF KERB

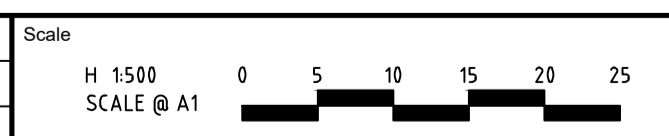
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Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	N.G	30/01/24
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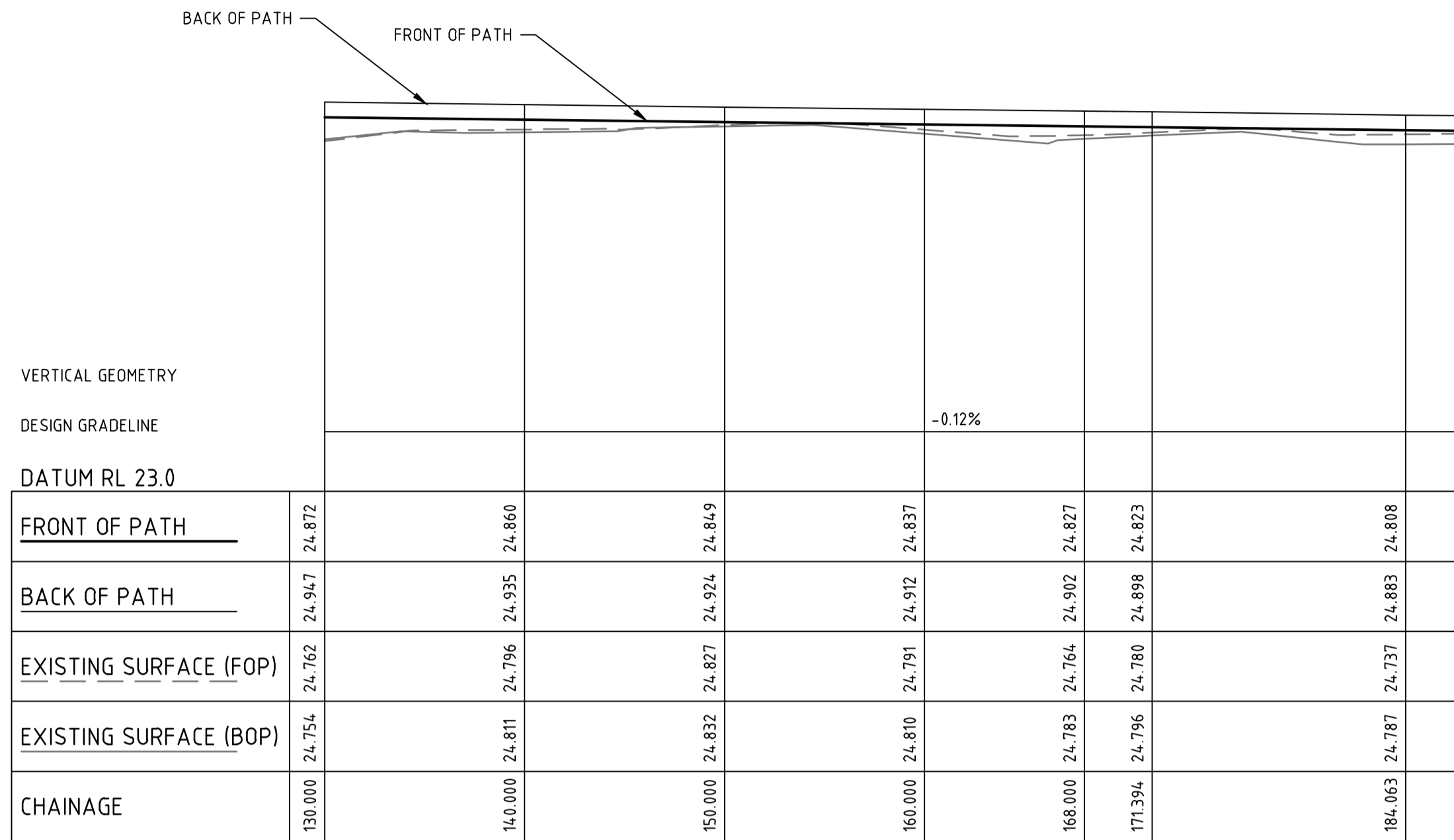
Designed <b>M.GANJI</b>	Checked <b>N.WORME</b>
Authorised <b>N.GREEN</b>	Date <b>30/05/2023</b>

**250 WEDGE ROAD  
STAGE 3A  
ROAD AND DRAINAGE  
ROAD LAYOUT PLANS - SHEET 2**

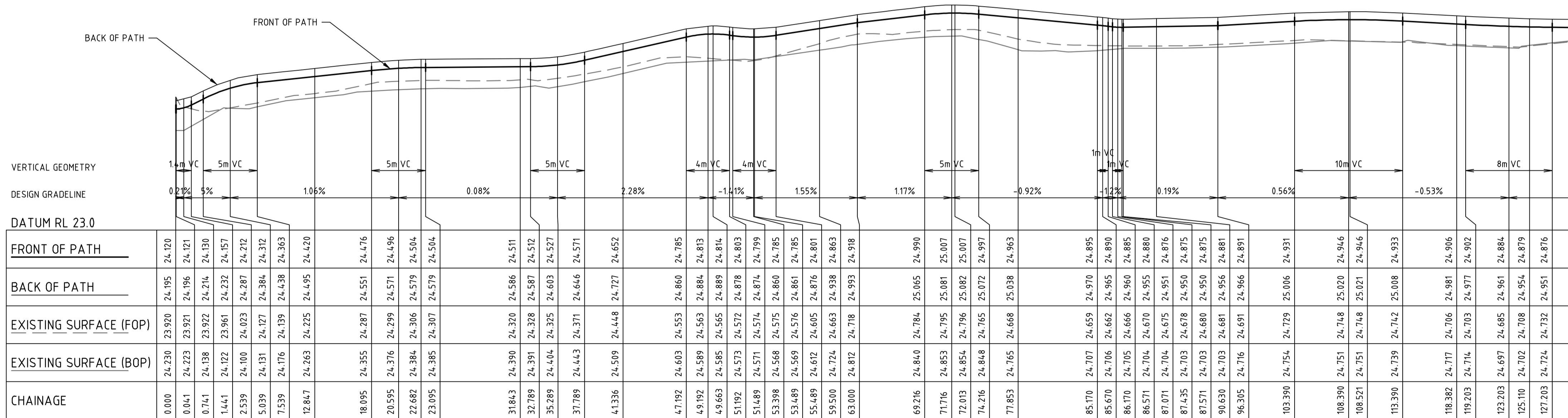
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YOURLAND DEVELOPMENTS PTY LTD

Drg No  
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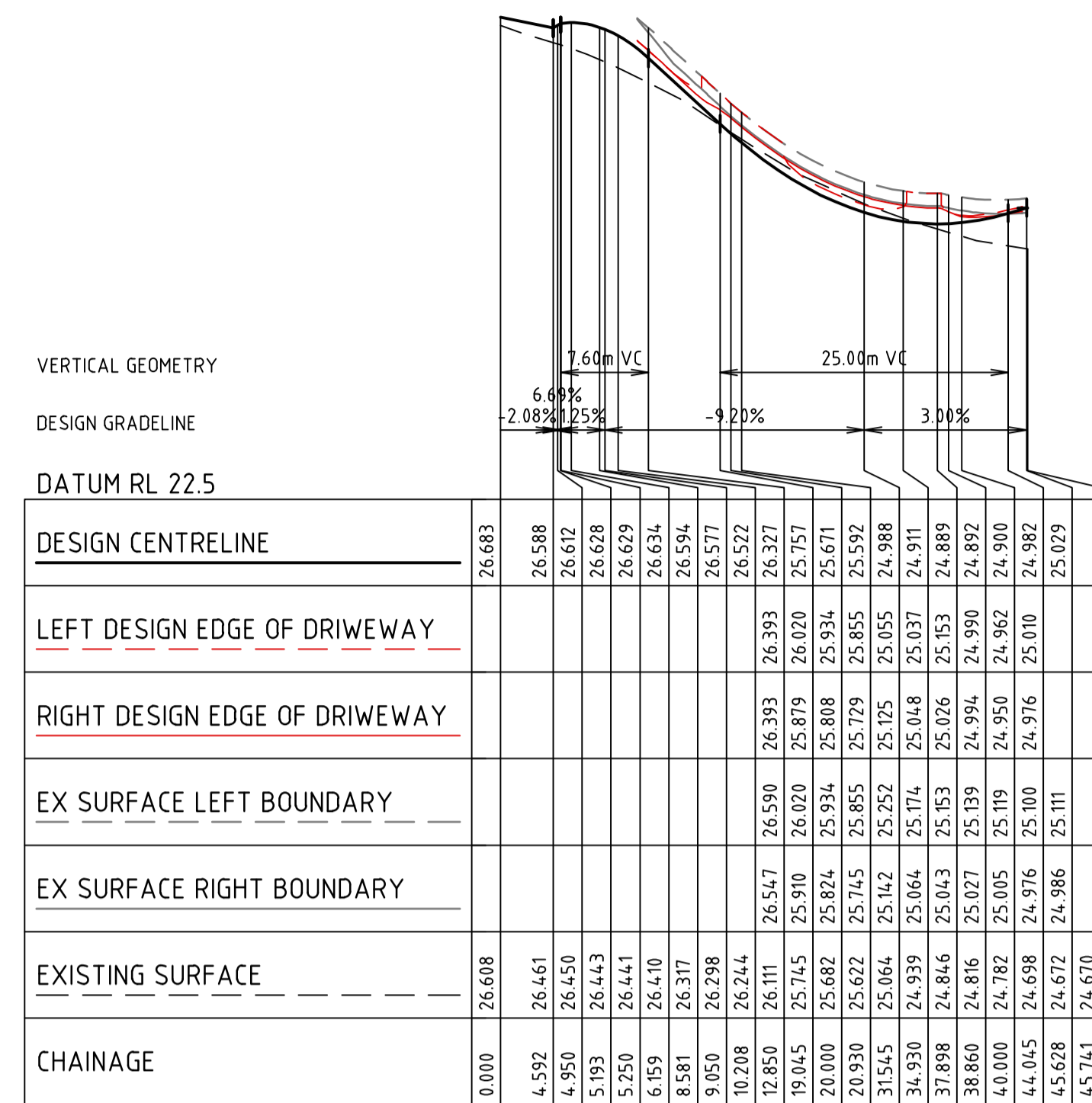
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ALIGNMENT FOOTPATH (FOP)



ALIGNMENT FOOTPATH (FOP)



ODESSA PLACE

**DRAINAGE PLANS APPROVED FOR CONSTRUCTION BY ENGINEERING SERVICES**

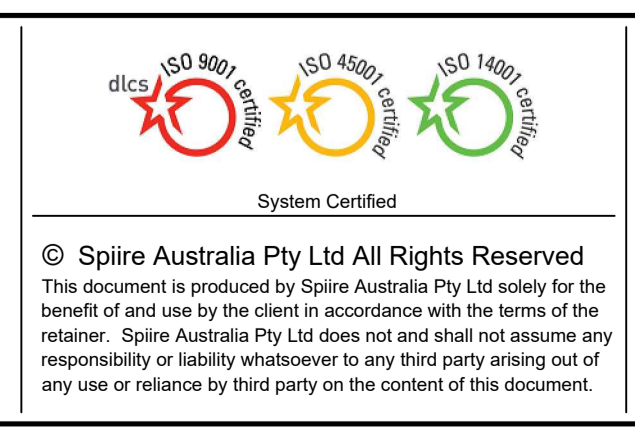
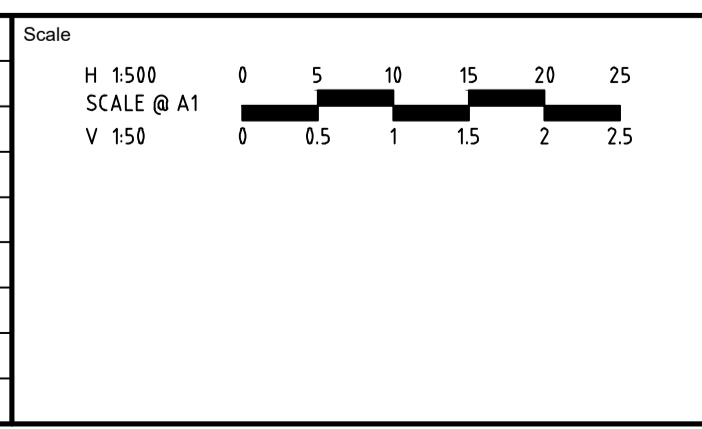
Date: 14/02/2024  
Drainage Plans Approved Under: 2/2024/DPP

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	Amendments	Approved	

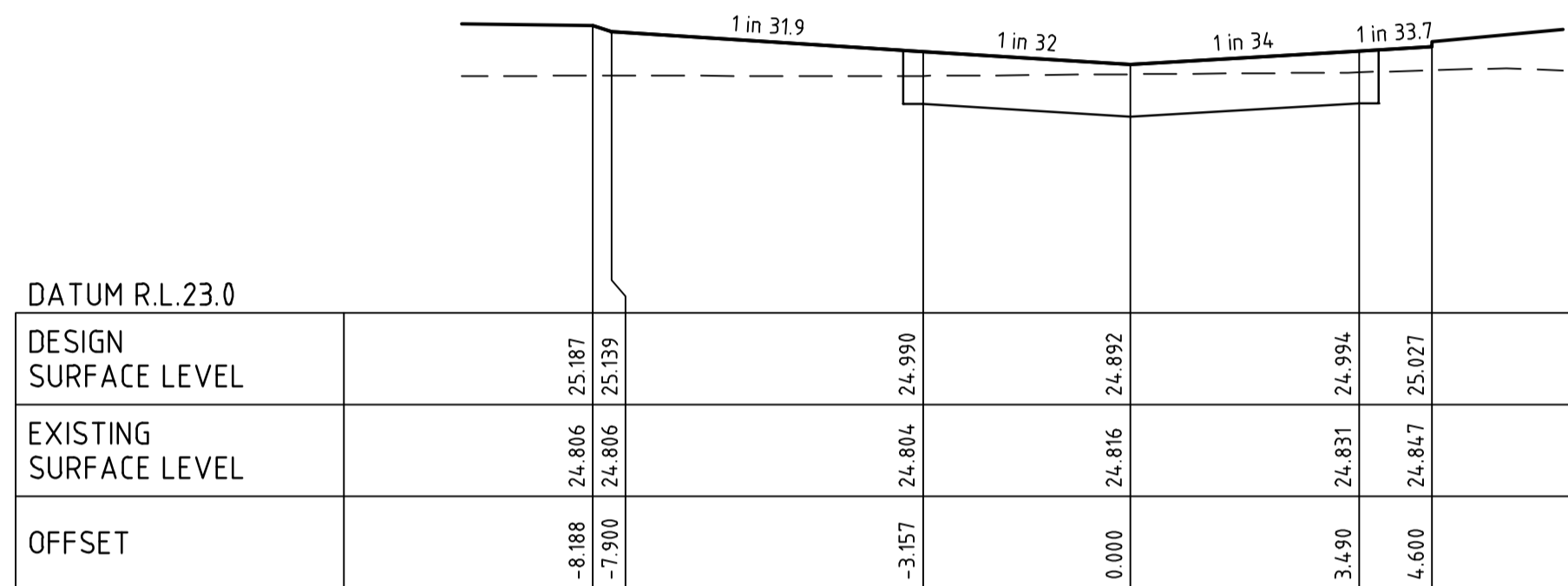
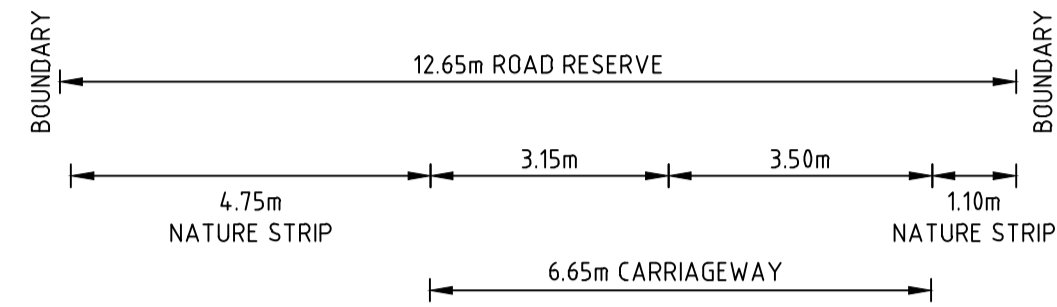


**250 WEDGE ROAD STAGE 3A ROAD AND DRAINAGE ROAD LONG SECTIONS - SHEET 1**  
FRANKSTON CITY COUNCIL  
YOURLAND DEVELOPMENTS PTY LTD

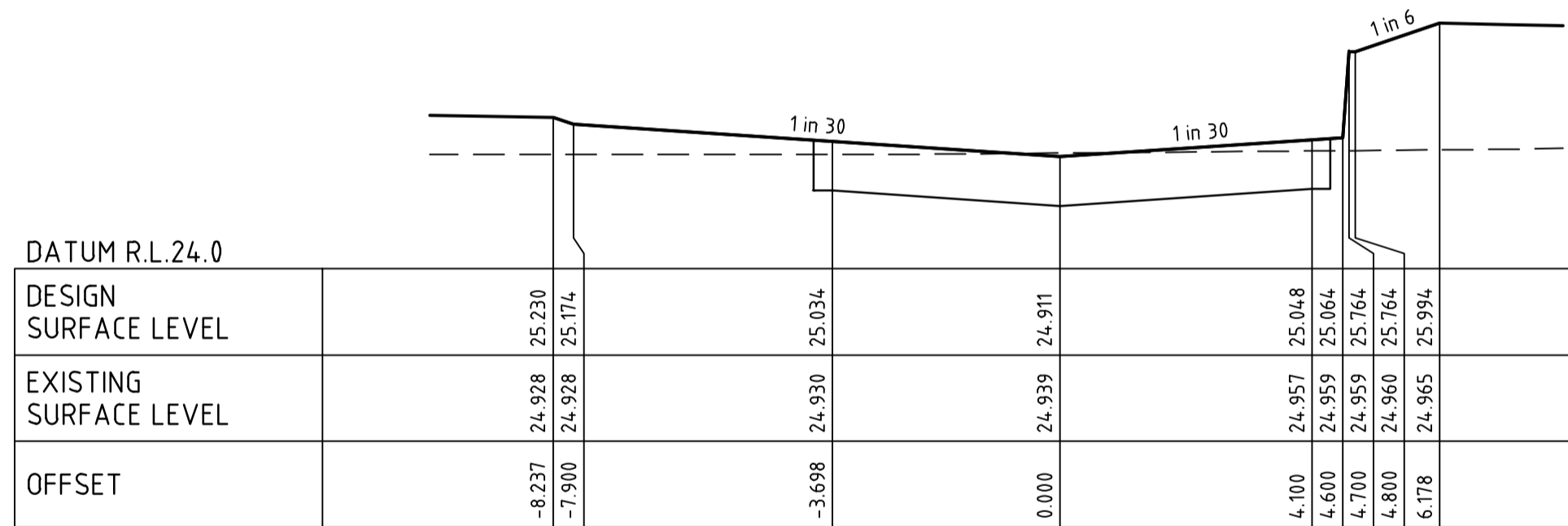
Drg No: 320311-000CR300 0  
Rev

STRUCTURAL FILL IN ACCORDANCE WITH AS3798-2007, LEVEL 1

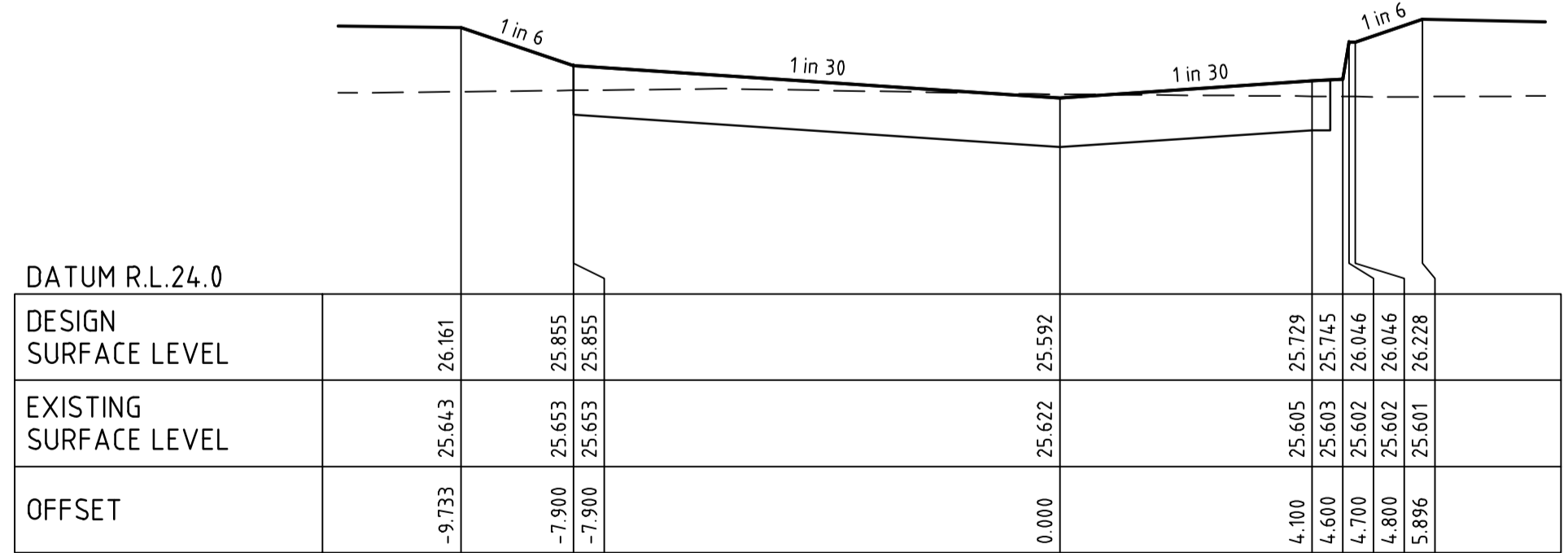
**FILLING NOTE**  
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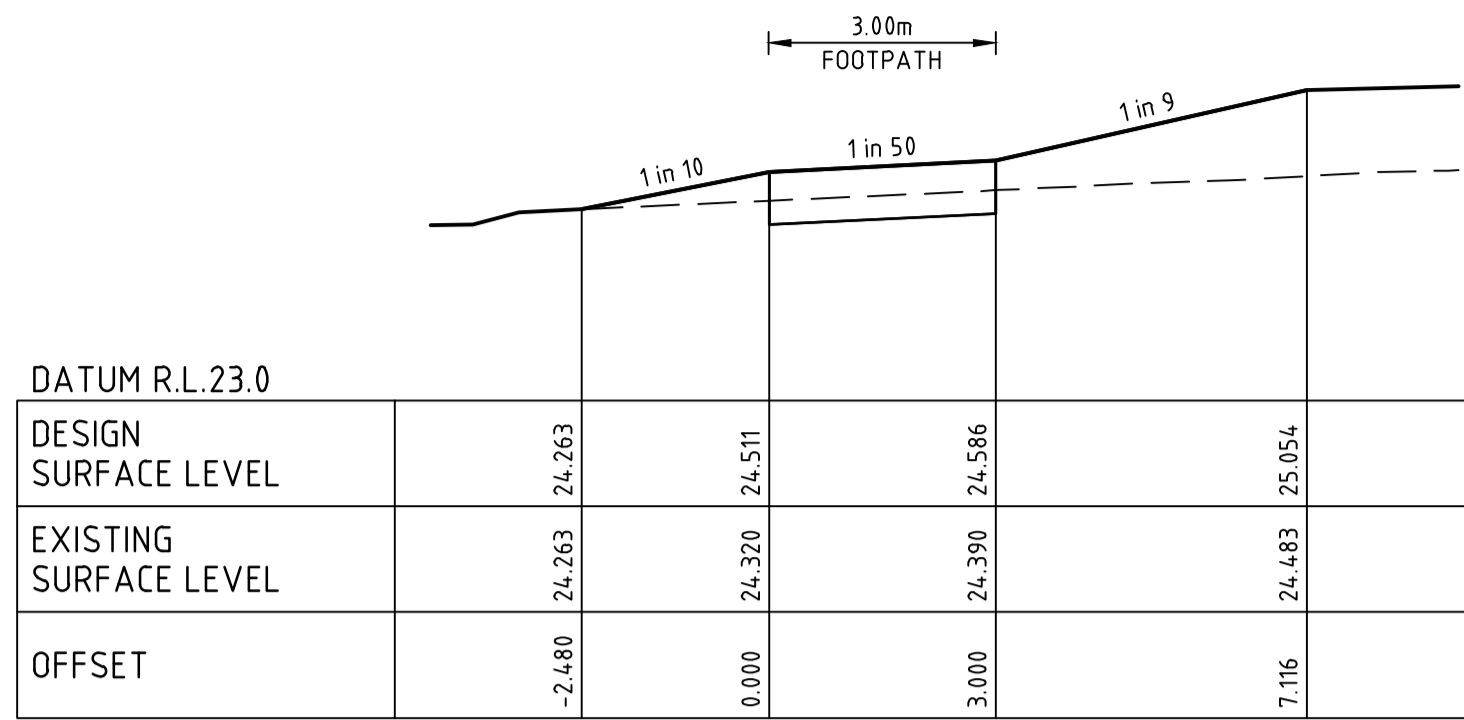
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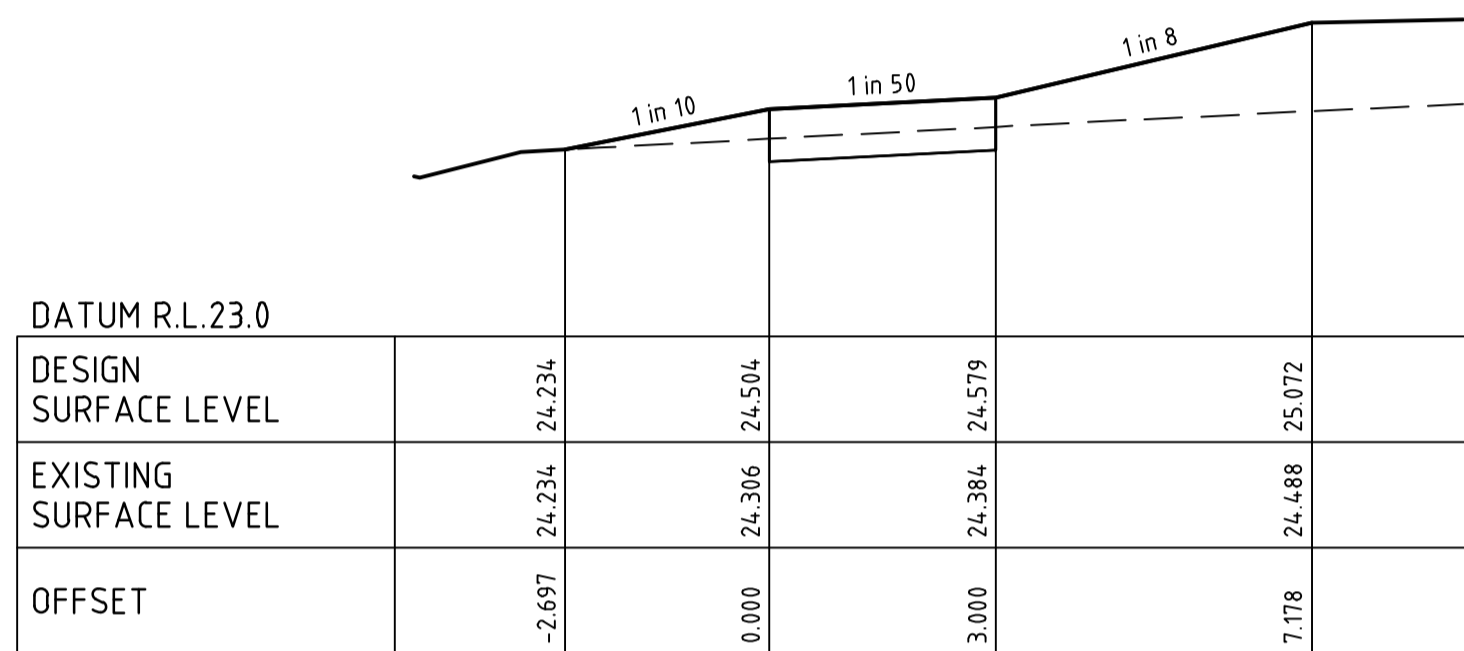
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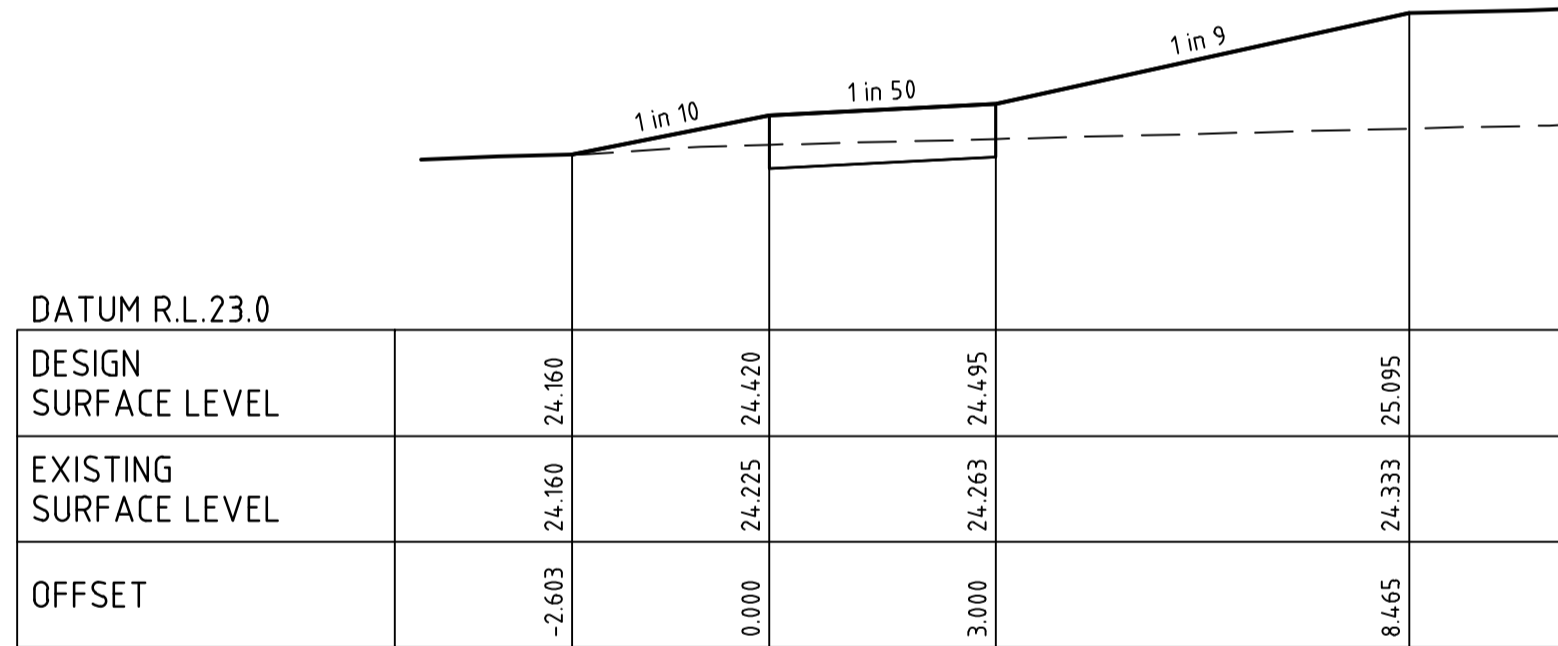
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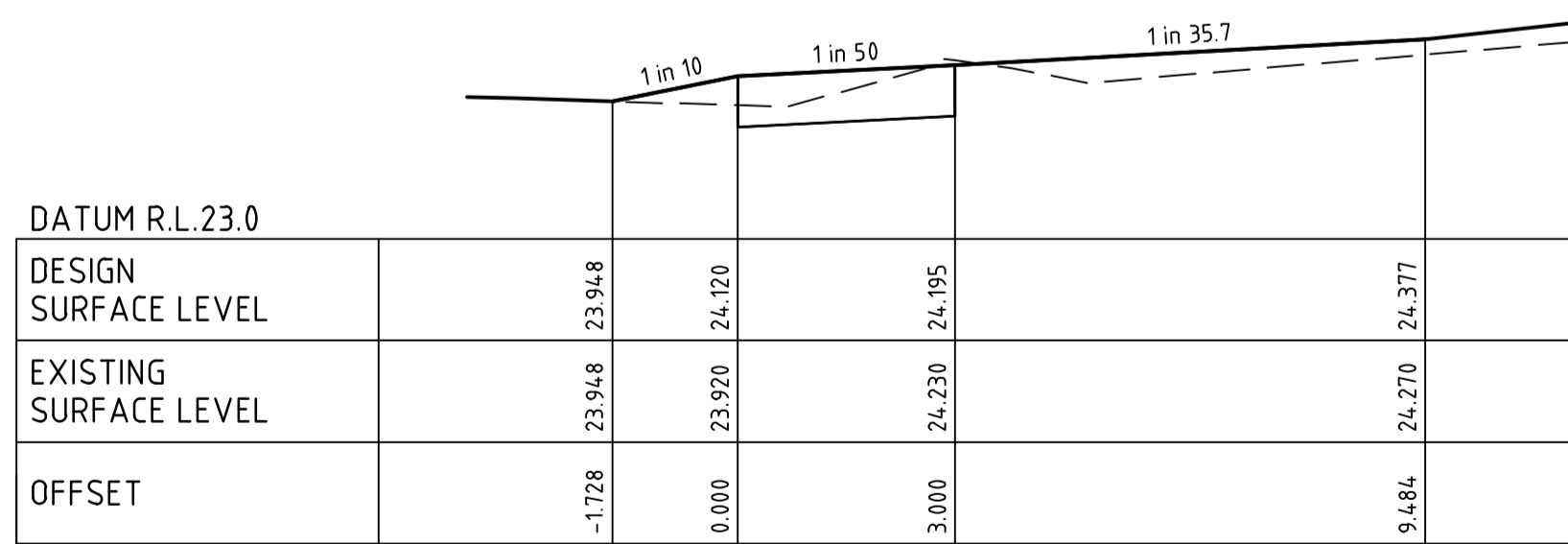
SHARED PATH CH 31.84



SHARED PATH CH 22.68



SHARED PATH CH 12.85



SHARED PATH CH 0.00

DRAINAGE PLANS APPROVED FOR CONSTRUCTION BY ENGINEERING SERVICES

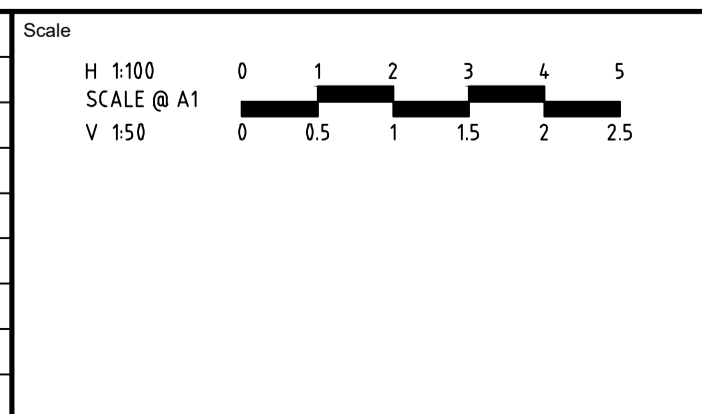
Date: 14/02/2024  
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Designed  
 M.GANJI

Authorised  
 N.GREEN

Checked  
 N.WORME

Date  
 30/05/2023

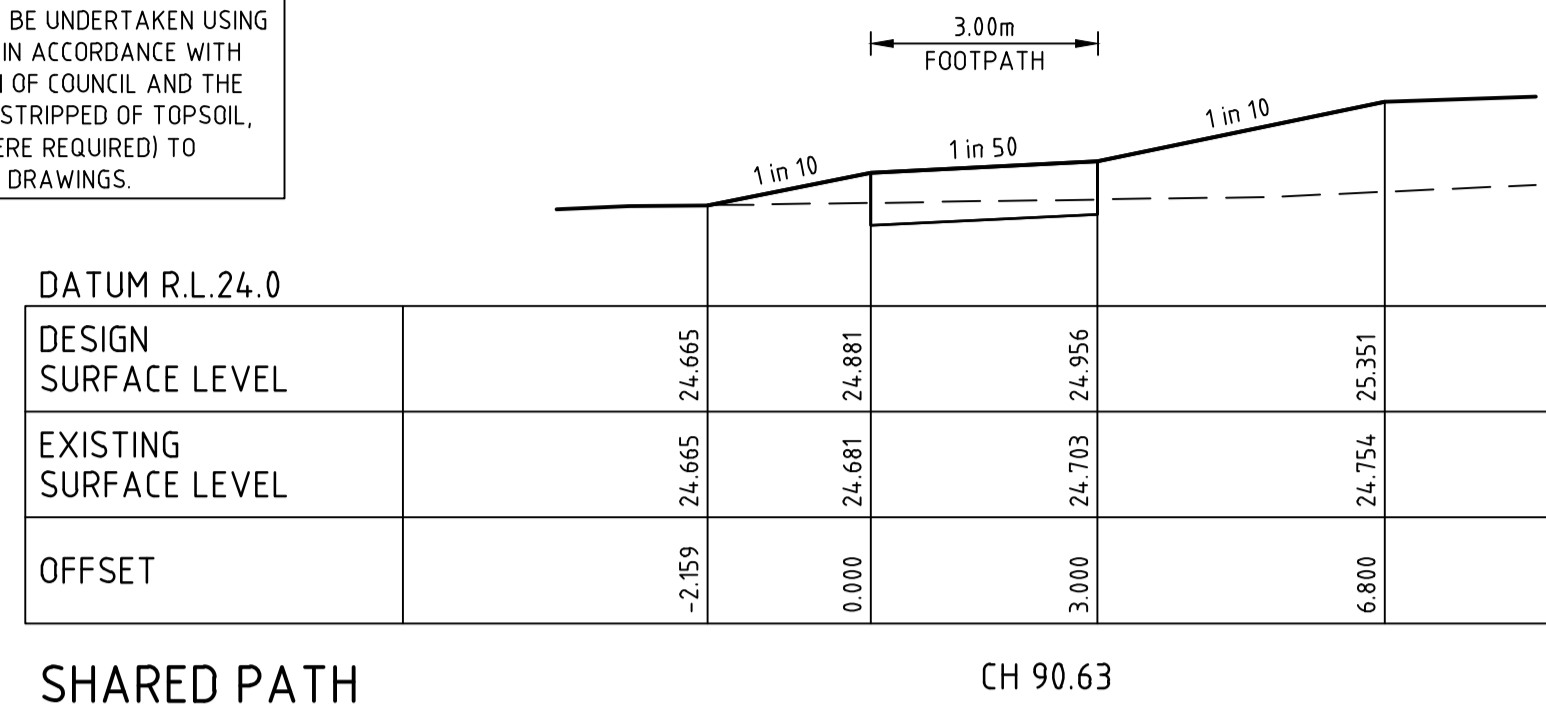
250 WEDGE ROAD  
 STAGE 3A  
 ROAD AND DRAINAGE  
 ROAD CROSS SECTIONS - SHEET 1  
 FRANKSTON CITY COUNCIL  
 YOURLAND DEVELOPMENTS PTY LTD

CONSTRUCTION 320311-000CR400 0

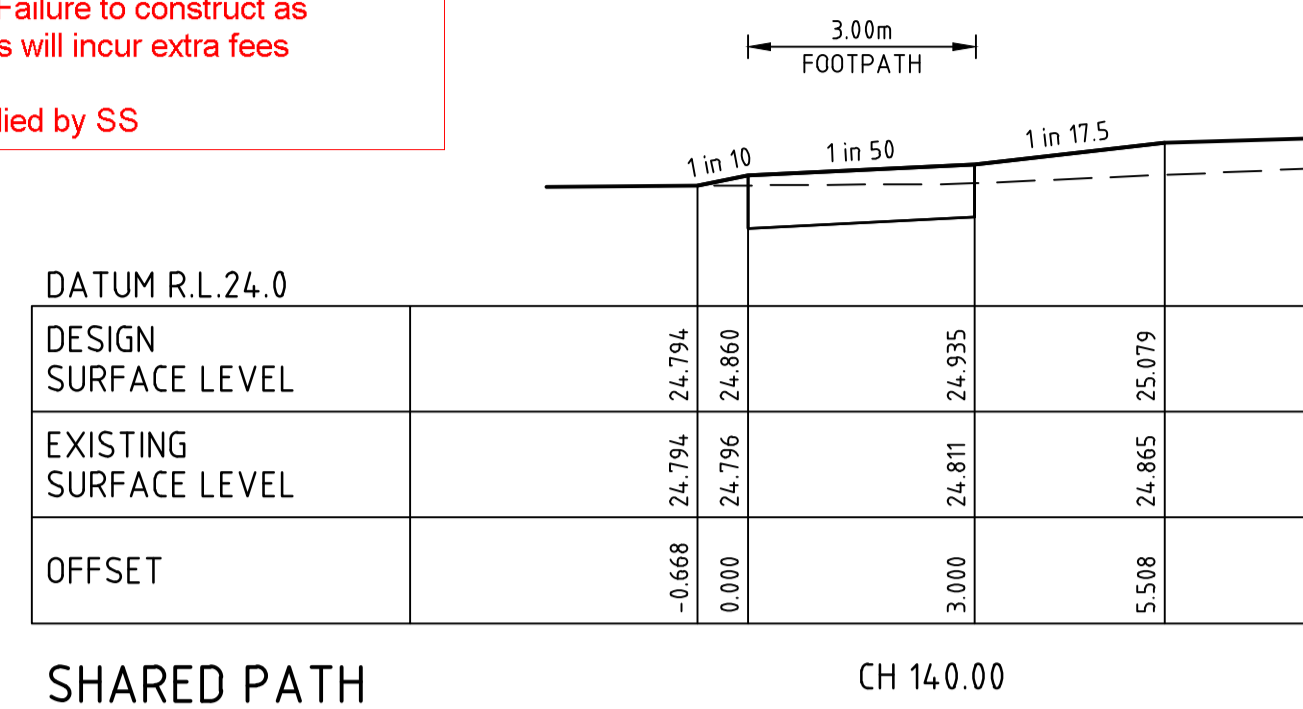
STRUCTURAL FILL IN ACCORDANCE WITH AS3798-2007, LEVEL 1

**FILLING NOTE**  
ALL FILLING WITHIN ROAD RESERVES IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007 AND TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.

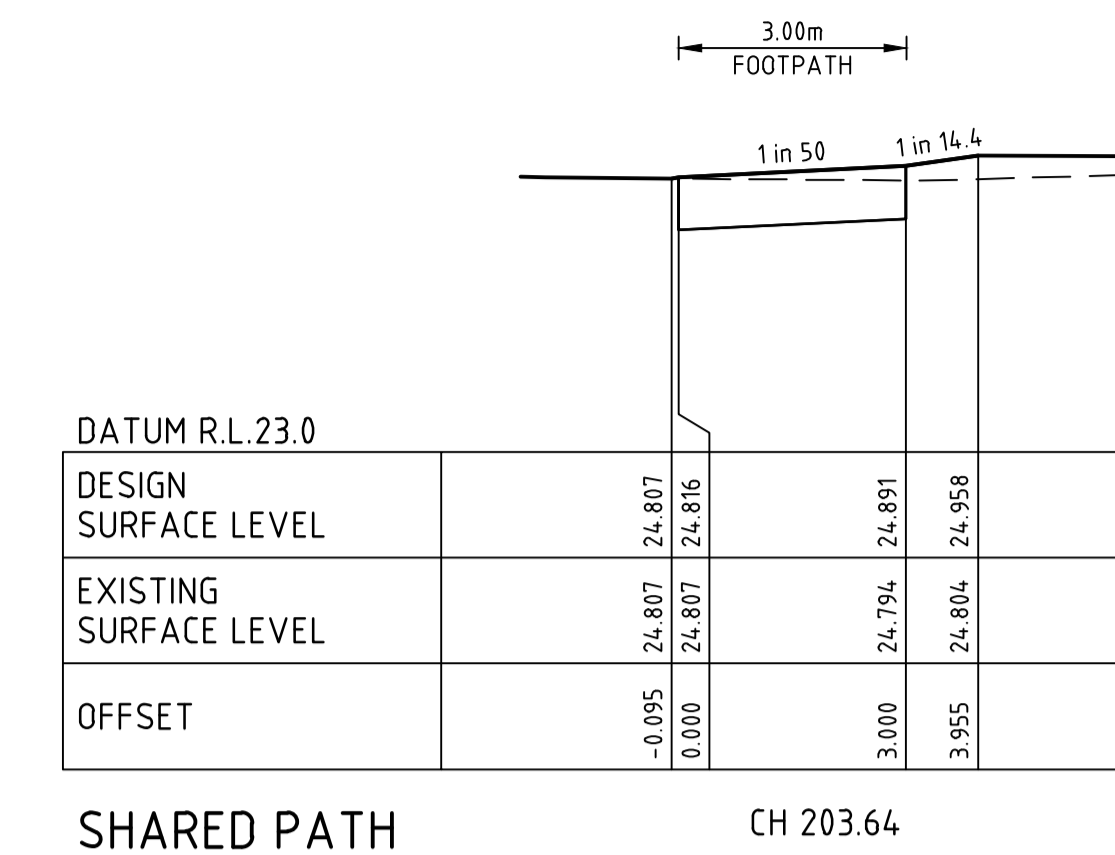
**DRAINAGE PLANS APPROVED FOR CONSTRUCTION BY ENGINEERING SERVICES**  
Date: 14/02/2024  
Drainage Plans Approved Under: 2/2024/DPP  
Fees are applicable to all developments within the municipality. Failure to construct as per the approved plans will incur extra fees  
Stamp Applied by SS



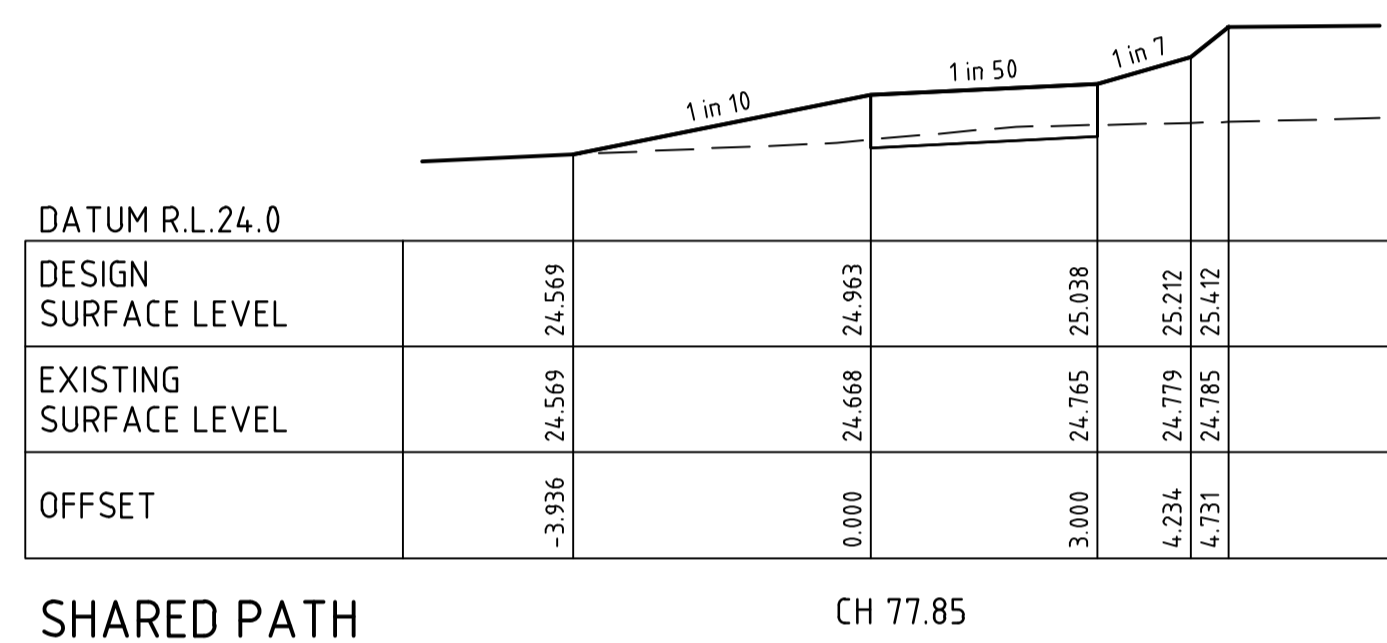
SHARED PATH CH 90.63



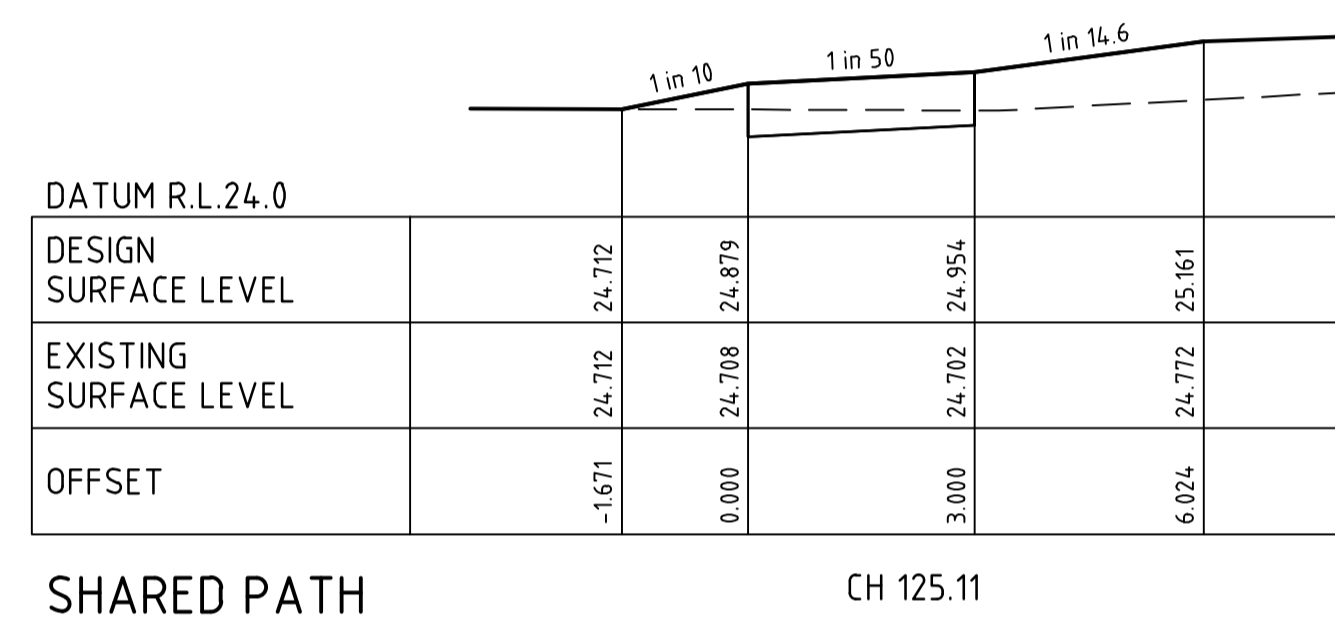
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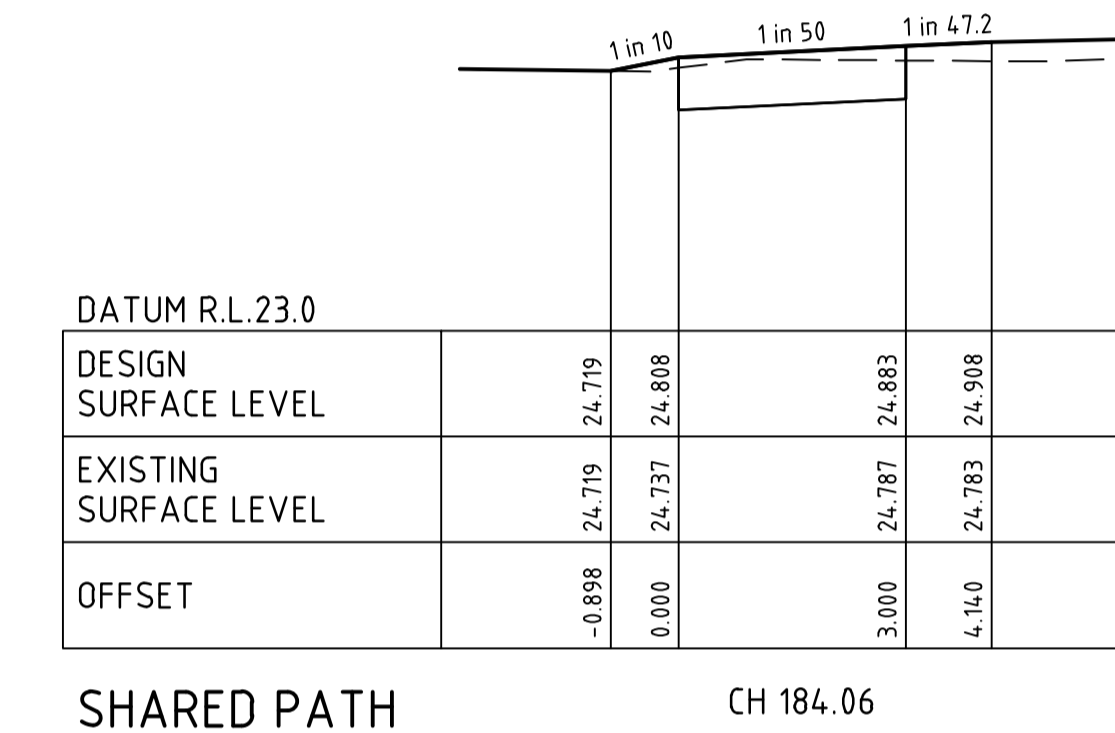
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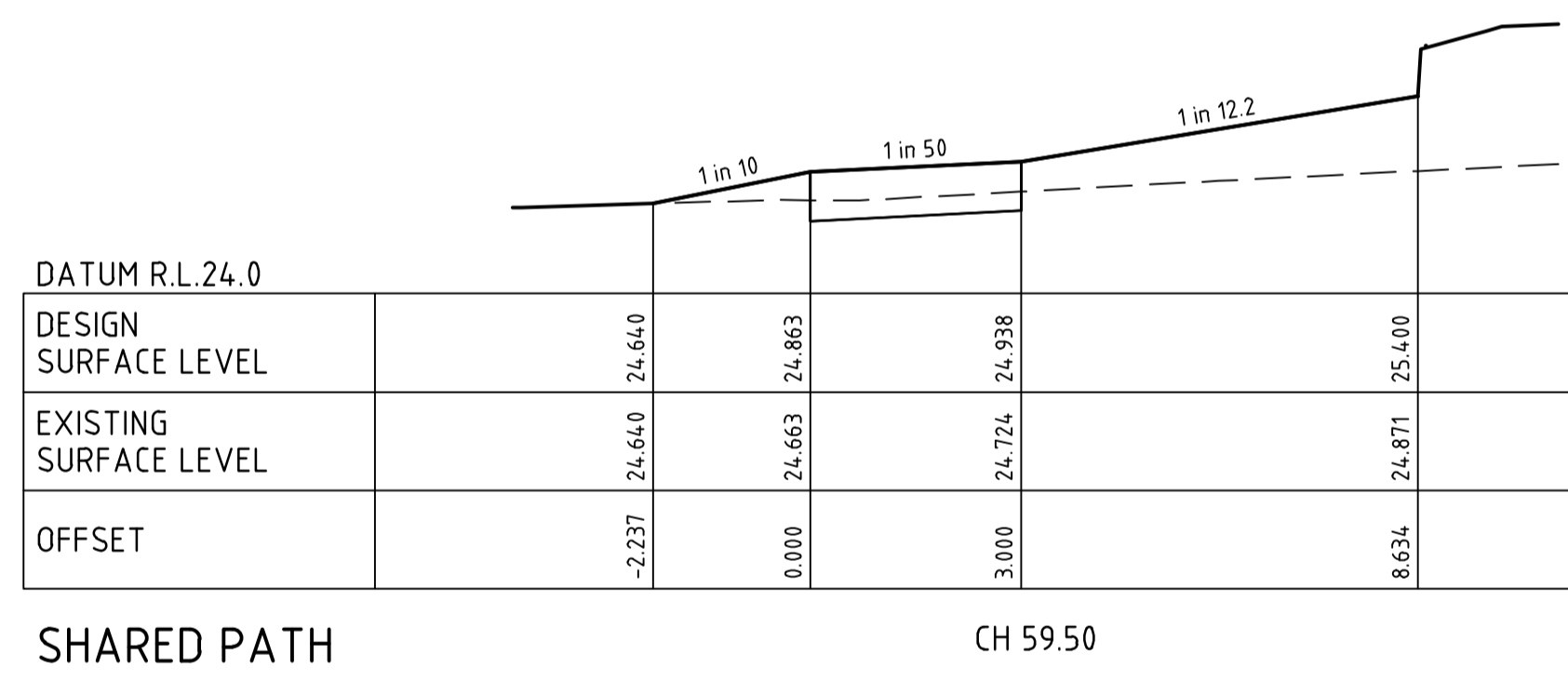
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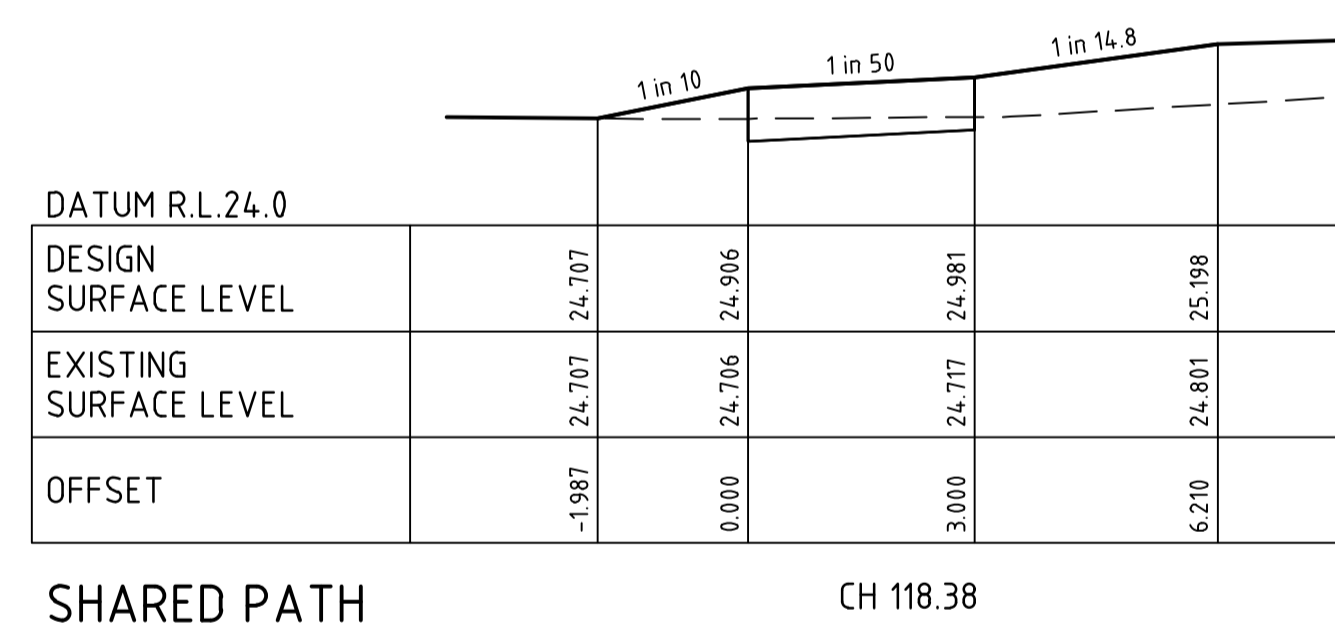
SHARED PATH CH 125.11



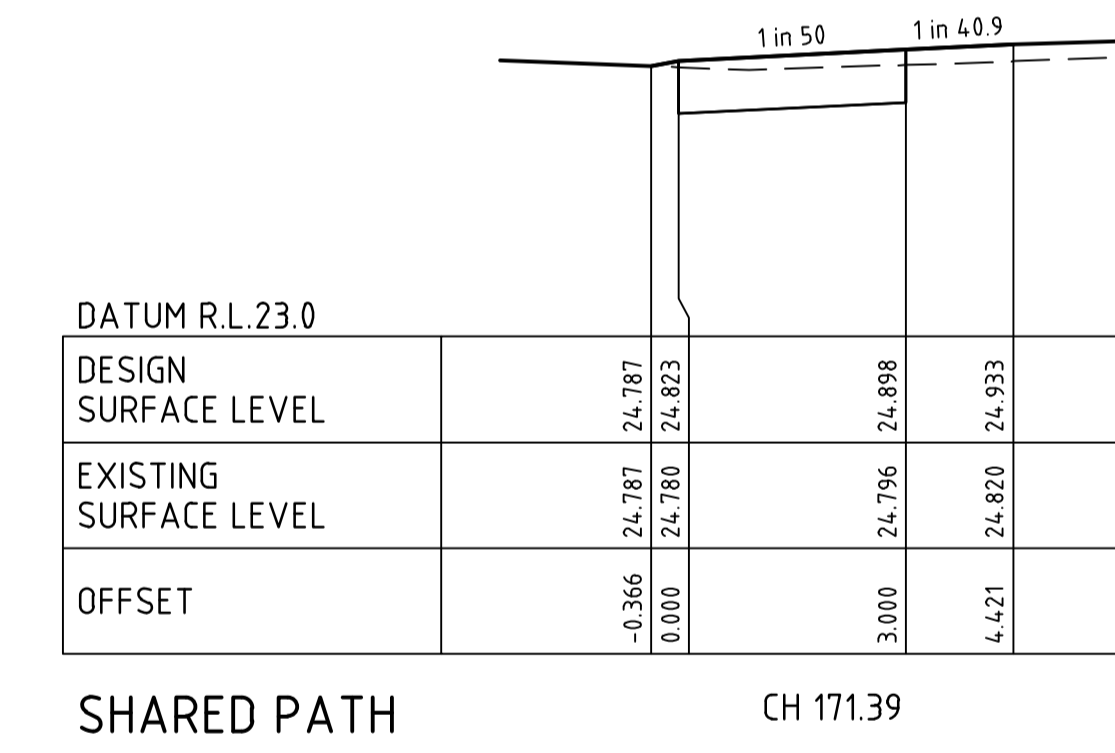
SHARED PATH CH 184.06



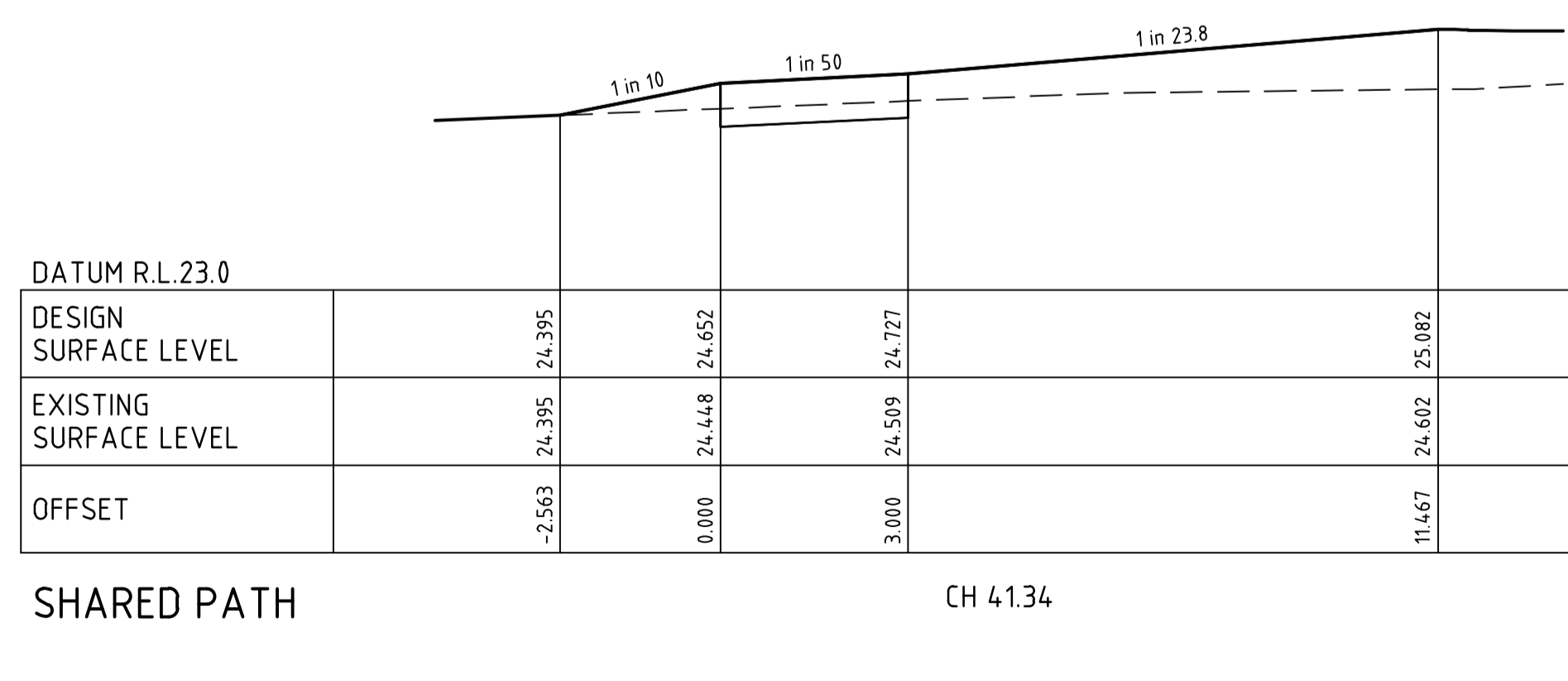
SHARED PATH CH 59.50



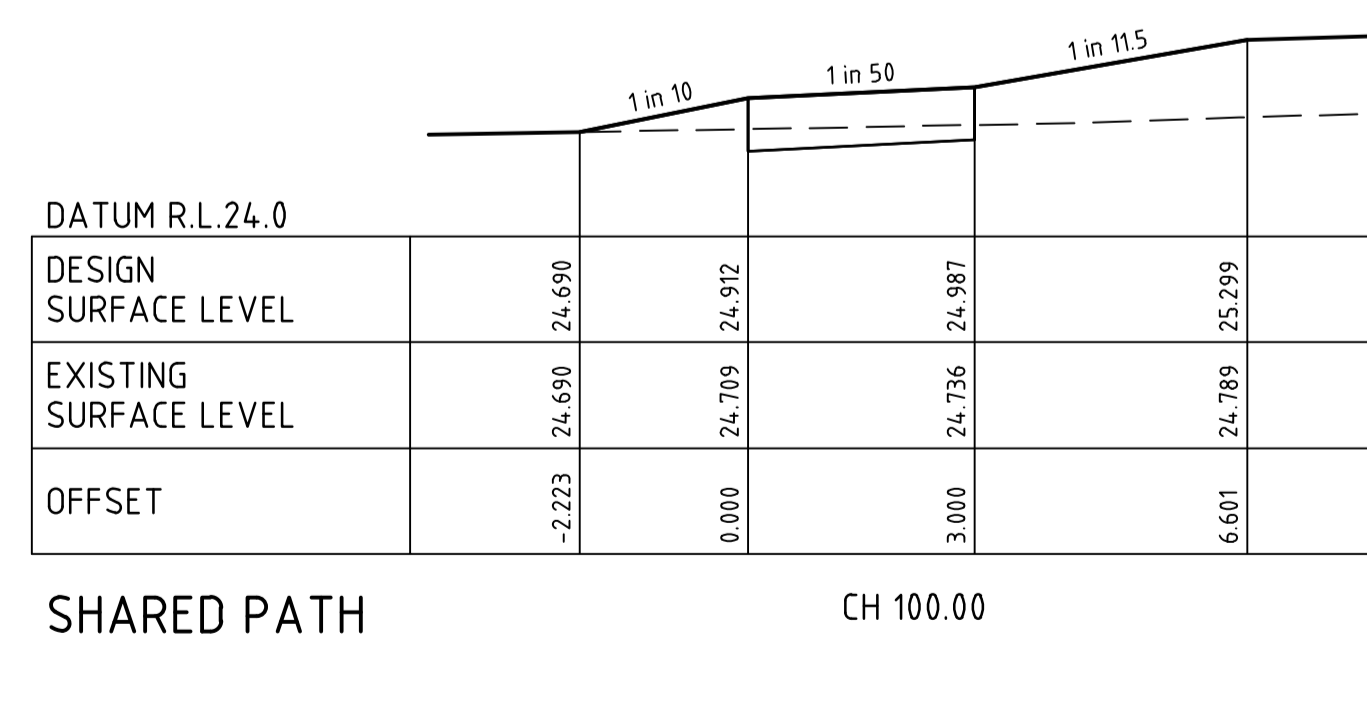
SHARED PATH CH 118.38



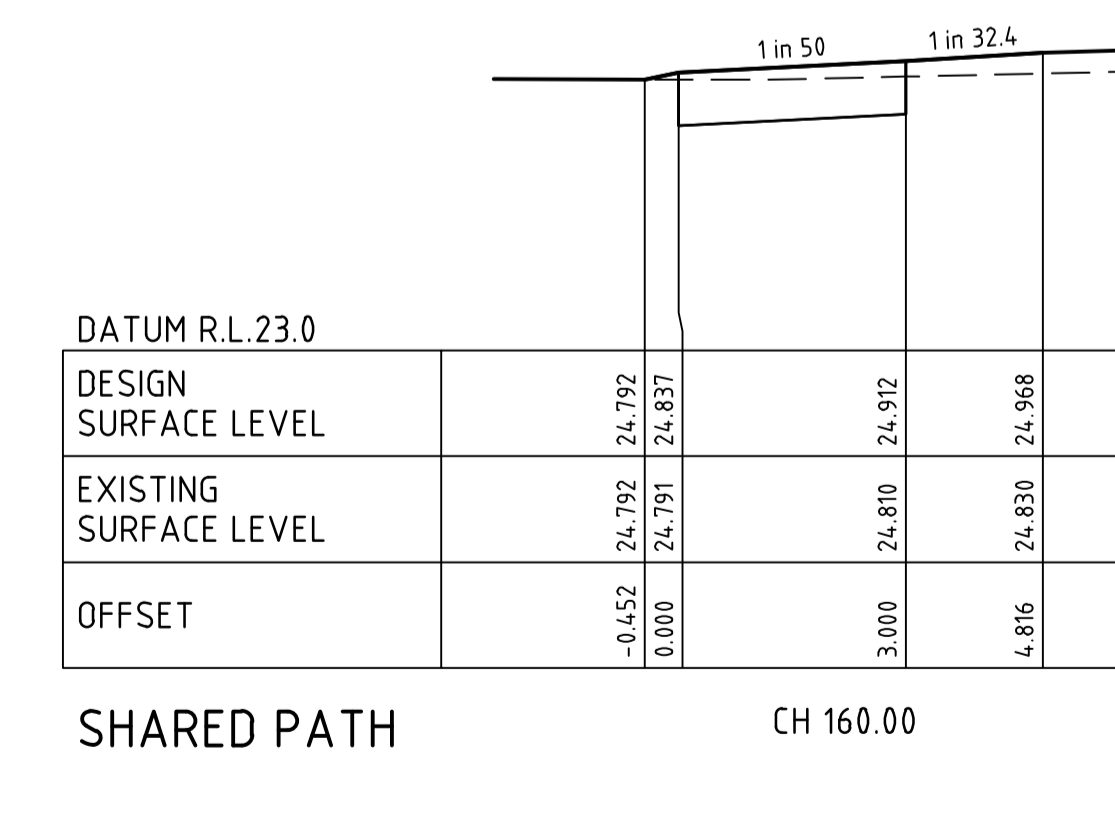
SHARED PATH CH 171.39



SHARED PATH CH 41.34



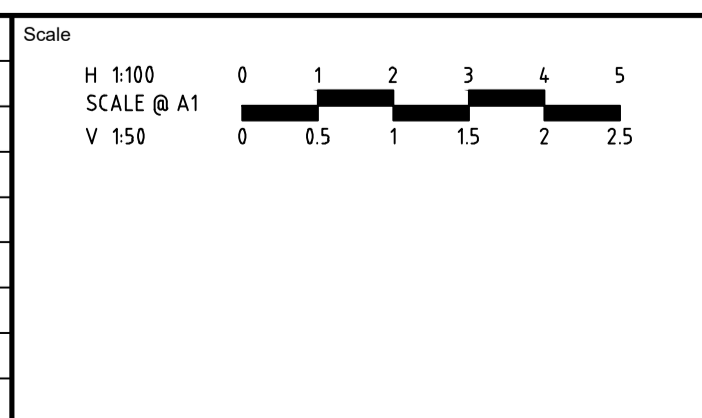
SHARED PATH CH 100.00



SHARED PATH CH 160.00

file name: 320311-000CR401.dwg; layout name: CR401; plotted by: Marlene Rose Mathew; file location: G:\320311\000\Drawings\ACAD\Plot date: 08/02/2024; 2/15 PM; Sheet: 6 of 13 Sheets

0	ISSUED FOR CONSTRUCTION	N.G	30/01/24
A	PRELIMINARY ISSUE	N.G	30/05/23
Rev	Amendments	Approved	Date



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1/126 ALBERT ROAD WARRAGUL  
VICTORIA 3820 AUSTRALIA T 61 3 5644 5000  
spiire.com.au ABN 55 050 029 635

Designed  
M.GANJI  
Authorised  
N.GREEN

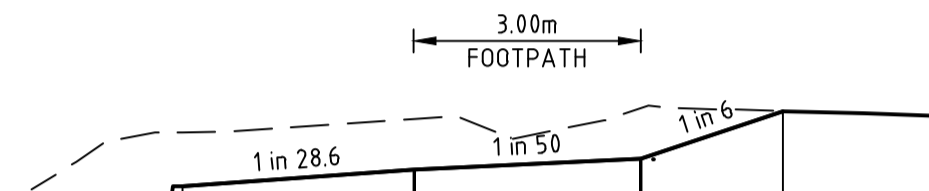
Checked  
N.WORME  
Date  
30/05/2023

**250 WEDGE ROAD  
STAGE 3A  
ROAD AND DRAINAGE  
ROAD CROSS SECTIONS - SHEET 2**  
FRANKSTON CITY COUNCIL  
YOURLAND DEVELOPMENTS PTY LTD

CONSTRUCTION 320311-000CR401 0

STRUCTURAL FILL IN ACCORDANCE WITH AS3798-2007, LEVEL 1

**FILLING NOTE**  
 ALL FILLING WITHIN ROAD RESERVES IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007 AND TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.



DATUM R.L. 23.0					
DESIGN SURFACE LEVEL		24.574	24.681	24.756	25.069
EXISTING SURFACE LEVEL		24.930	25.016	25.088	25.069
OFFSET		-3.064	0.000	3.000	4.878

SHARED PATH

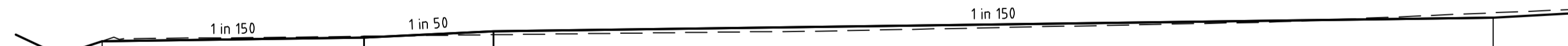
CH 24.7.12



DATUM R.L. 23.0					
DESIGN SURFACE LEVEL		24.552	24.943	24.918	25.072
EXISTING SURFACE LEVEL		25.005	25.084	25.008	25.072
OFFSET		-4.555	0.000	3.000	3.565

SHARED PATH

CH 24.0.64



DATUM R.L. 24.0					
DESIGN SURFACE LEVEL		24.851	24.891	24.966	25.120
EXISTING SURFACE LEVEL		24.851	24.907	24.924	25.176
OFFSET		-6.052	0.000	3.000	26.109

SHARED PATH

CH 220.89

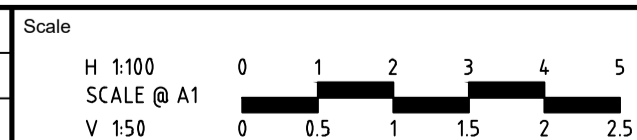
DRAINAGE PLANS APPROVED FOR CONSTRUCTION BY ENGINEERING SERVICES

Date: 14/02/2024  
 Drainage Plans Approved Under: 2/2024/DPP

Fees are applicable to all developments within the municipality. Failure to construct as per the approved plans will incur extra fees

Stamp Applied by SS

file name: 320311-000CR402.dwg, layout name: C:\Users\Nashita.Poo\My Documents\Projects\320311\000\Drawings\320311\000\320311-000.dwg, plot date: 08/05/2024, 2:15 PM, Sheet: 7 of 13 Sheets



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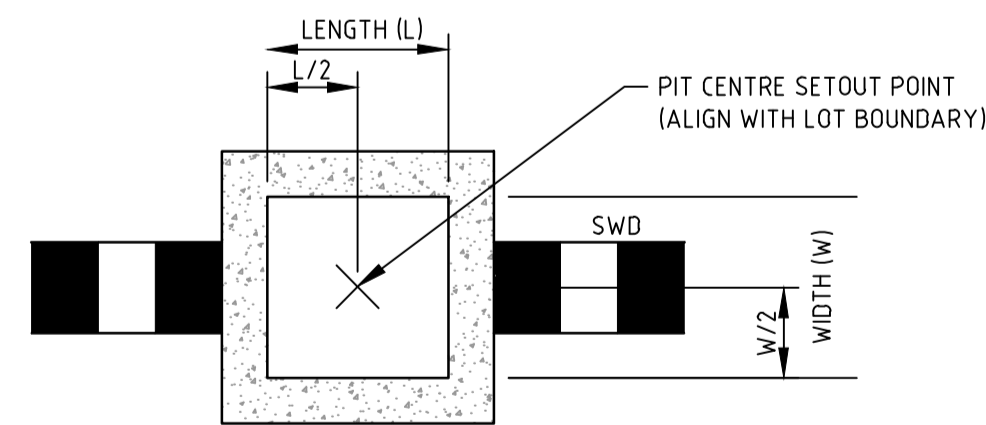
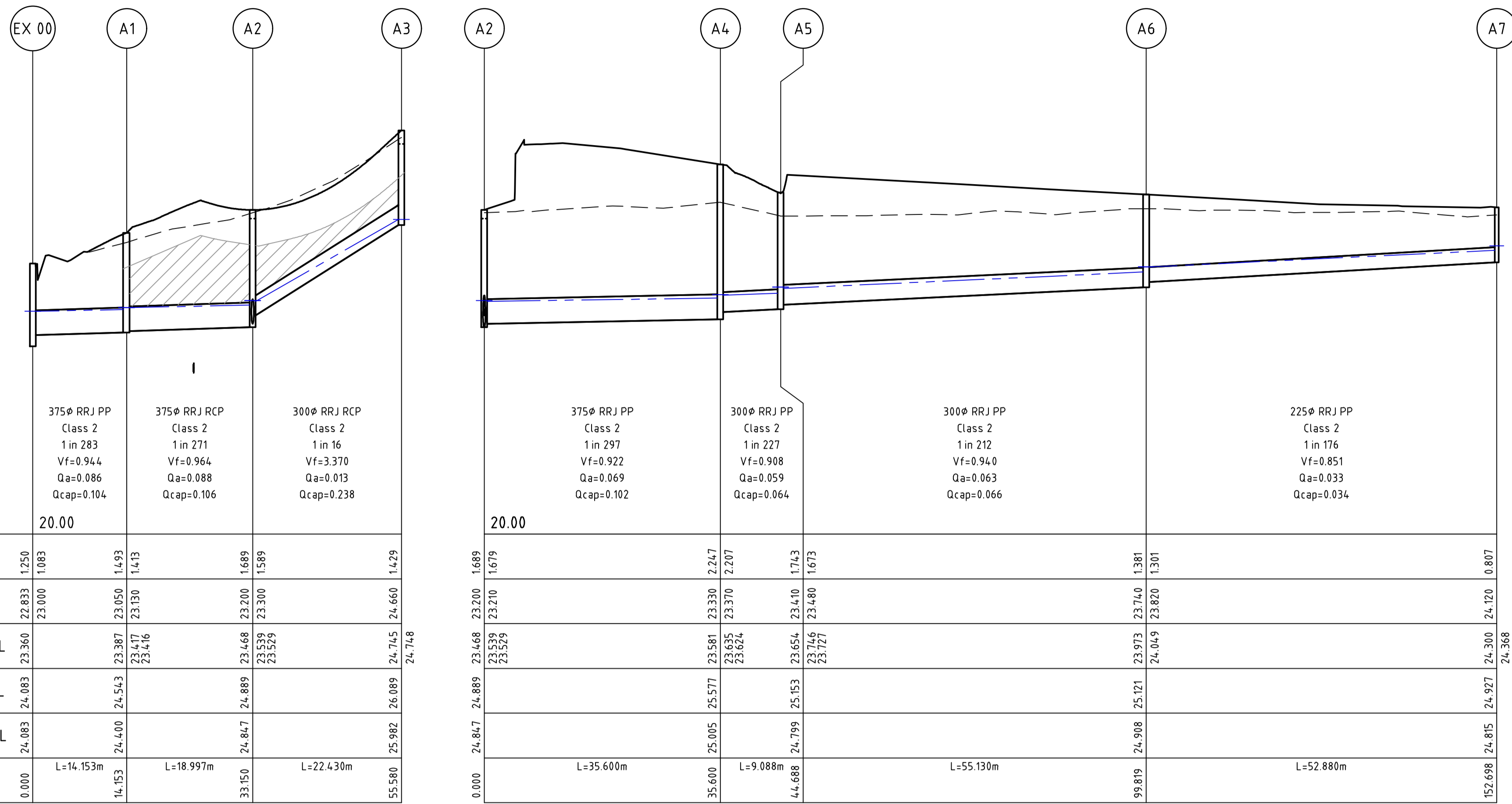


Designed  
 M.GANJI  
 Authorised  
 N.GREEN

Checked  
 N.WORME  
 Date  
 30/05/2023

250 WEDGE ROAD  
 STAGE 3A  
 ROAD AND DRAINAGE  
 ROAD CROSS SECTIONS - SHEET 3  
 FRANKSTON CITY COUNCIL  
 YOURLAND DEVELOPMENTS PTY LTD

**CONSTRUCTION** 320311-000CR402 0



TYPICAL DRAINAGE PIT SETOUT POINT 'C'  
JUNCTION PIT / EASEMENT PIT  
NOT TO SCALE

DRAINAGE PIT SCHEDULE

PIT NAME	PIT TYPE	COORDINATES		INTERNAL		INLET		OUTLET		PIT		REMARKS
		EASTING	NORTHING	WIDTH	LENGTH	DIA	INV LEVEL	DIA	INV LEVEL	FS LEVEL	DEPTH	
EX 00	GRATED ENTRY PIT	342480.392	578284.782	750	900	375	23.000			24.083	1.250	EXISTING GRATED ENTRY PIT
A1	JUNCTION PIT	342490.314	5782837.688	900	900	375	23.130	375	23.050	24.543	1.493	REFER TO FCC SD215
A2	GRATED ENTRY PIT	342487.419	5782818.913	900	900	300	23.540	375	23.200	24.889	1.689	REFER TO FCC SD230
A3	GRATED ENTRY PIT	342484.002	5782796.745	600	900			300	24.660	26.089	1.429	REFER TO FCC SD230
A4	JUNCTION PIT	342522.604	5782813.489	900	900	300	23.370	375	23.330	25.577	2.247	REFER TO FCC SD215
A5	JUNCTION PIT	342523.988	5782822.471	900	900	300	23.480	300	23.410	25.153	1.743	REFER TO FCC SD215
A6	JUNCTION PIT	342578.726	5782815.903	900	900	225	23.820	300	23.740	25.121	1.381	REFER TO FCC SD215
A7	JUNCTION PIT	342631.229	5782809.604	600	600			225	24.120	24.927	0.827	REFER TO FCC SD215

DRAINAGE PLANS APPROVED FOR CONSTRUCTION BY ENGINEERING SERVICES

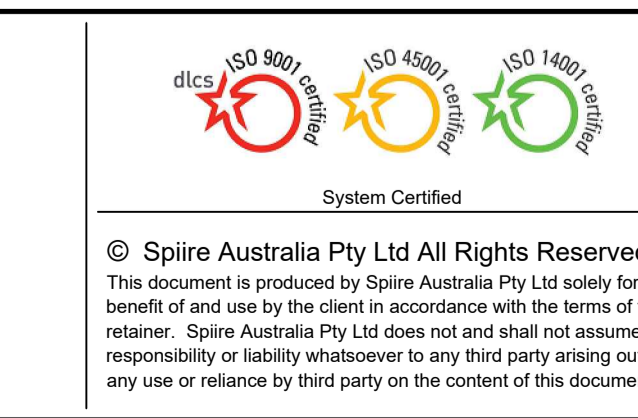
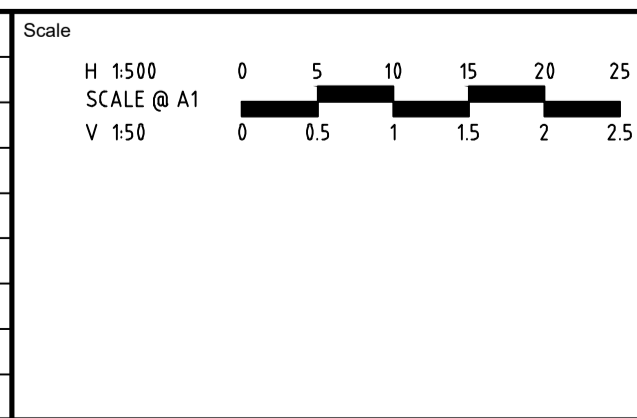
Date: 14/02/2024  
Drainage Plans Approved Under: 2/2024/DPP

Fees are applicable to all developments within the municipality. Failure to construct as per the approved plans will incur extra fees

Stamp Applied by SS

file name: 320311-000CR600\_Acc\_Layout.mxd; C:\Users\matt\OneDrive\Documents\320311-000CR600\Drawings\320311-000CR600.dwg; Date: 08/02/2024, 2:05 PM; Sheet: 8 of 13 Sheets

Rev	Amendments	Approved	Date
2	PIT SCHEDULE REVISED	N.G	08/02/24
1	PIT SCHEDULE PIT DEPTHS REVISED	N.G	05/02/24
0	ISSUED FOR CONSTRUCTION	N.G	30/01/24
A	PRELIMINARY ISSUE	N.G	30/05/23



**spiire**  
1/126 ALBERT ROAD WARRAGUL  
VICTORIA 3820 AUSTRALIA T 61 3 5644 5000  
spiire.com.au ABN 55 050 029 635

**YourLand** Developments  
Designed: M.GANJI  
Authorised: N.GREEN  
Checked: N.WORME  
Date: 30/05/2023

**250 WEDGE ROAD  
STAGE 3A  
ROAD AND DRAINAGE  
DRAINAGE LONG SECTIONS - SHEET 1  
FRANKSTON CITY COUNCIL  
YOURLAND DEVELOPMENTS PTY LTD**  
**CONSTRUCTION** 320311-000CR600 2



CONCRETE PAVEMENT	DESCRIPTION	LEGEND
RIGID PAVEMENT FOR EXTENDED DRIVEWAY	200mm THICK N32 CONCRETE WITH SL82 MESH TOP 60 COVER. MESH TO HAVE 60 COVER TO ALL EDGES. USE 100mm MIN. COMPACTED DEPTH 20mm NOM. SIZE CLASS 3 CRUSHED ROCK UNDER CONCRETE.	

### PAVEMENT DETAILS

THE PAVEMENT DESIGNS SHOWN HERE HAVE BEEN DESIGNED/PROVIDED BY DOUGLAS PARTNERS WHO ARE RESPONSIBLE FOR THE GEOTECHNICAL WORK ON THIS PROJECT. SPIIRE IS NOT RESPONSIBLE FOR THE WORK OF DOUGLAS PARTNERS.

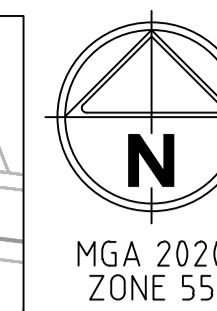
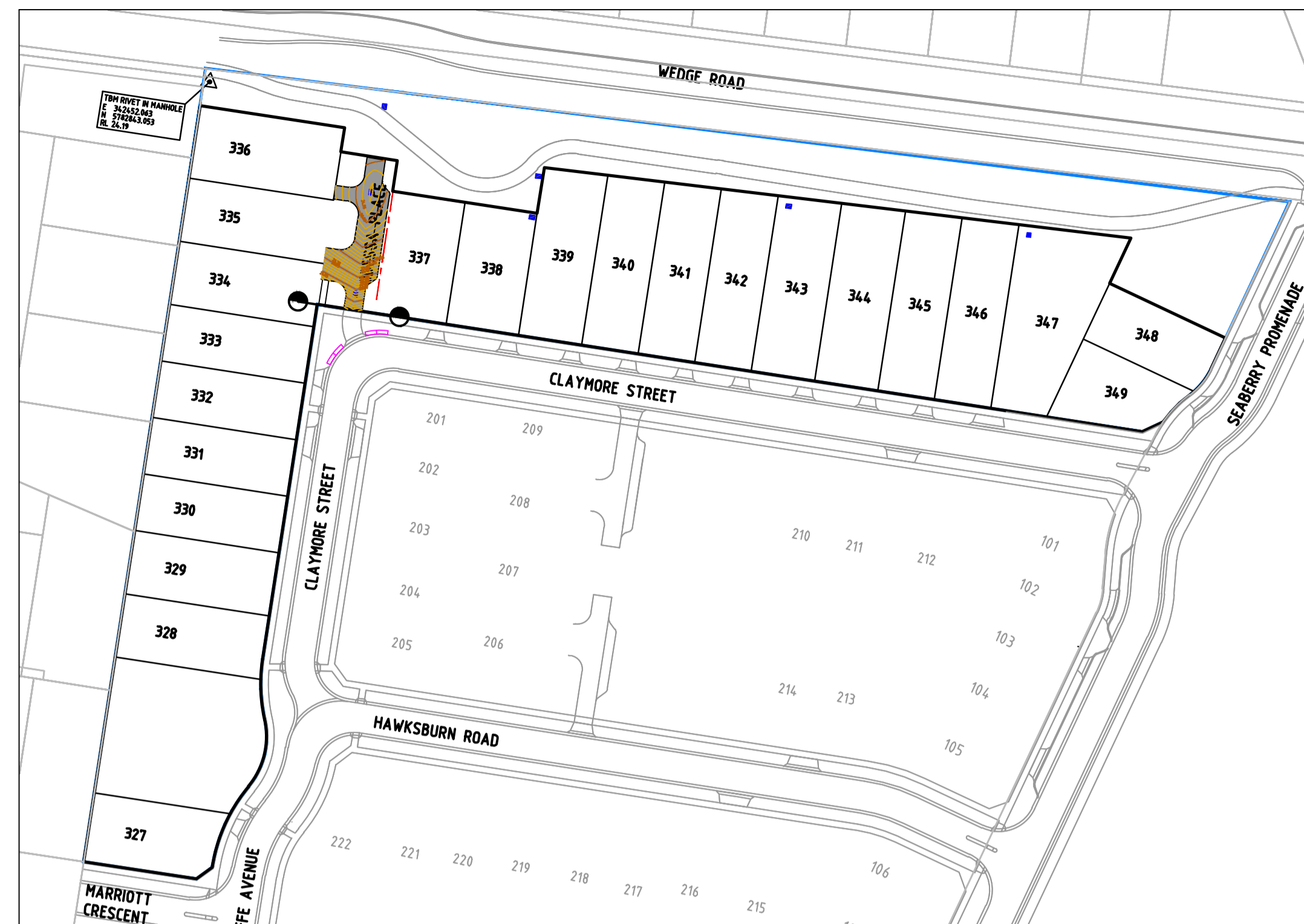
THE DESIGN HAS BEEN EXTRACTED FROM THE DOUGLAS PARTNERS REPORT ON "GEOTECHNICAL INVESTIGATION FOR WEDGE ROAD DEVELOPMENT PTY LTD & THE TRUSTEES FOR GLADYS JEAN STOTT" THIS DOCUMENT SHOULD BE REVIEWED TO ENSURE THAT THE DESIGN HAS BEEN ACCURATELY REPRODUCED.

A COPY OF THE DOCUMENT WILL BE PROVIDED ON REQUEST.

SPIIRE DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THE GEOTECHNICAL WORK AND PAVEMENT DESIGNS. ANY QUERIES IN RESPECT TO THE GEOTECHNICAL WORK AND PAVEMENT DESIGNS SHOULD BE ADDRESSED TO DOUGLAS PARTNERS AND COPIED TO SPIIRE.

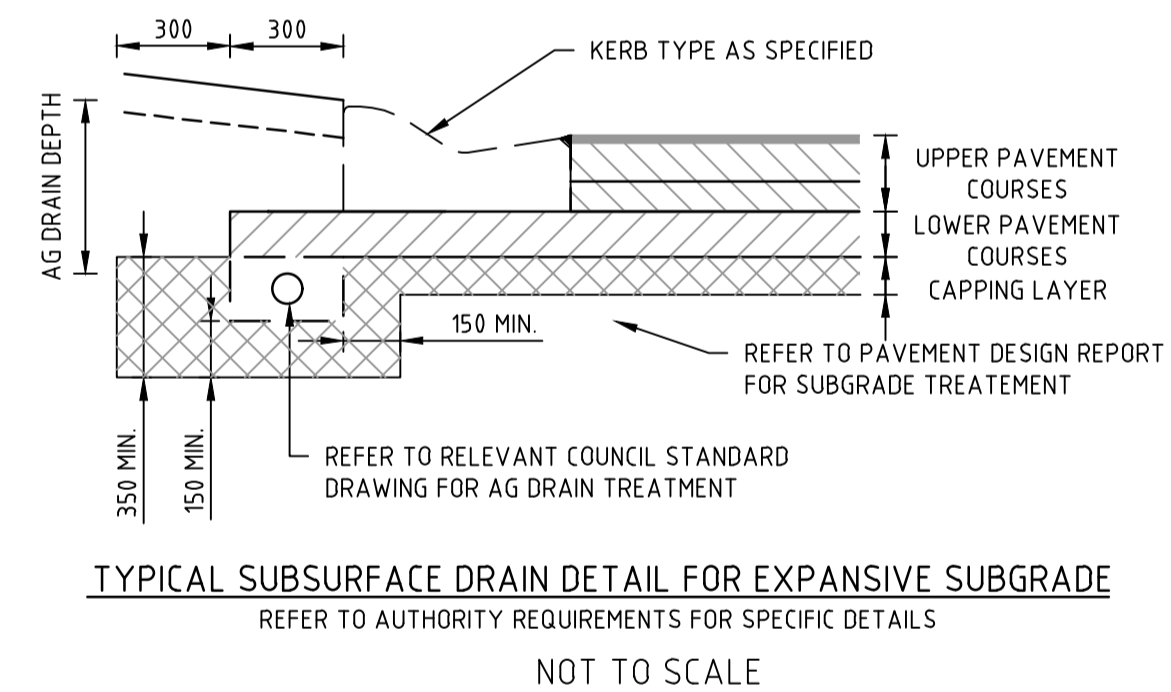
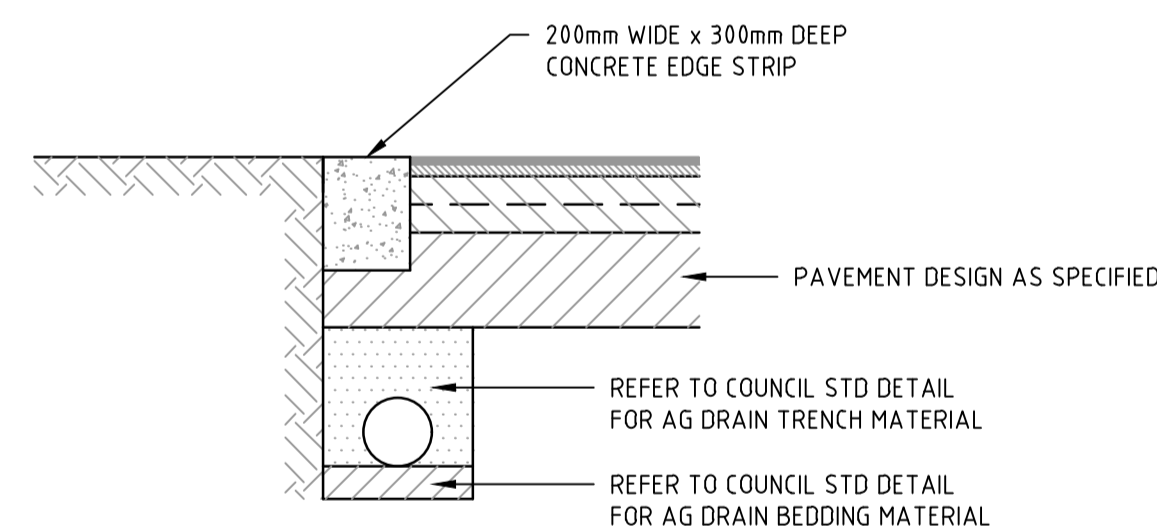
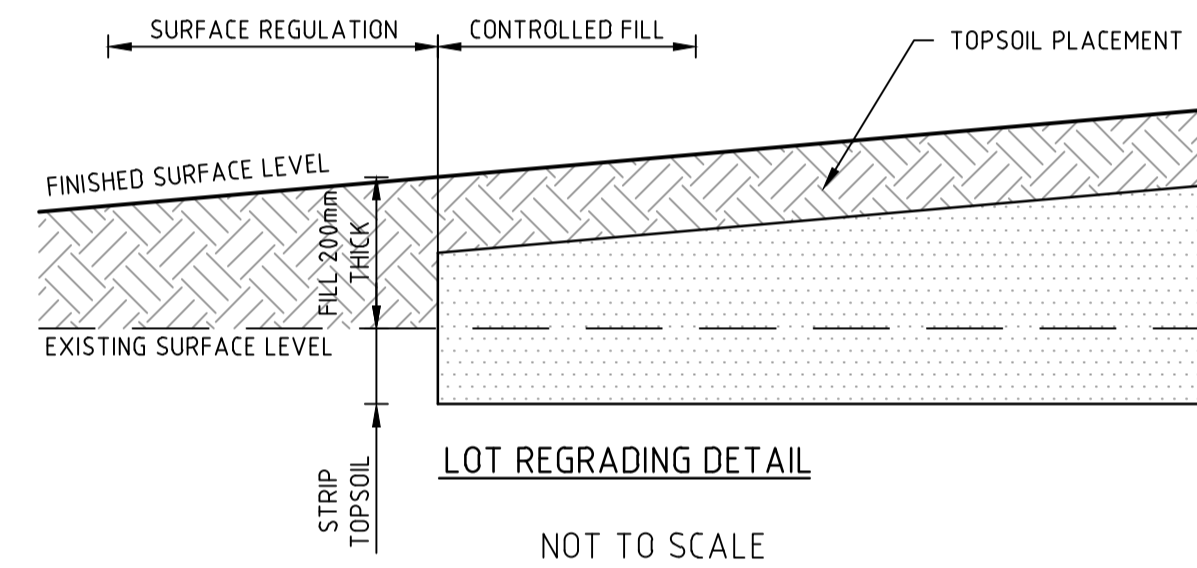
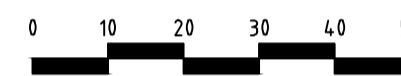
### GENERAL NOTES:

- ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS AND CCAA LITERATURE, OR VIC ROADS STANDARDS FOR NON RESIDENTIAL STREETS.
- ALL CONCRETE TO BE MINIMUM 32MPa COMPRESSIVE STRENGTH UNLESS SPECIFIED OTHERWISE IN FRANKSTON CITY COUNCIL STANDARD DRAWINGS.
- CONCRETE TO BE THOROUGHLY COMPACTED USING EITHER SURFACE AND/OR IMMERSION VIBRATORS, PARTICULARLY AROUND REINFORCEMENT AND IN CORNERS OF FORMS.
- PRIOR TO CASTING, THE UNBOUND GRANULAR SUBBASE MUST BE DAMP TO ENSURE NO EARLY "DRYING OUT" OF THE CONCRETE.
- CURING OF CONCRETE IS ESSENTIAL - IDEALLY BY MAINTAINING WET HESSIAN OR SEALING WITH PLASTIC SHEETING.
- SAW CUTTING OF CONCRETE SHOULD BE COMMENCED AS SOON AS CONCRETE PERMITS BY EXPERIENCED CONTRACTORS, BUT NO LATER THAN 12 HOURS AFTER POUR.
- ALL DOWELS TO BE GRADE 250R STEEL BARS, 450mm LONG AND PLACED AT 300mm CENTRES. REFER CCAA - "CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS" FOR DOWEL DIAMETERS. DOWELS MUST BE ACCURATELY PLACED TO ENSURE THE JOINT DOES NOT "LOCK". INSERTION OF DOWELS DURING THE PLACING OF CONCRETE IS NOT ACCEPTABLE. DOWELS MUST BE SAWN AND NOT CROPPED.
- ALL JOINTS TO BE APPROPRIATELY SEALED TO RESIST THE INTRUSION OF SAND AND GRAVEL AND TO MINIMISE THE INGRESS OF WATER.



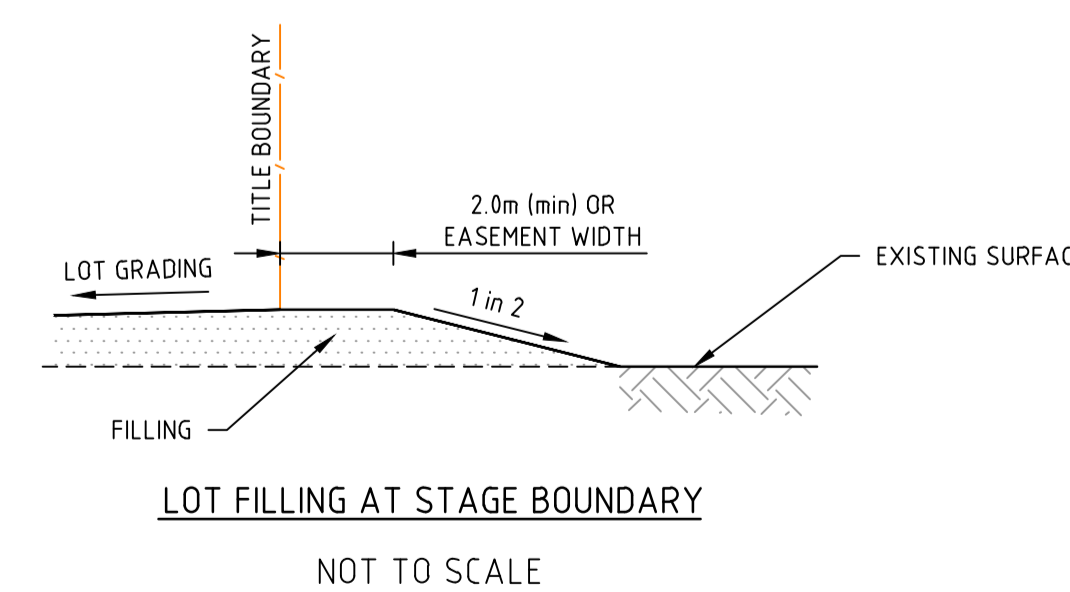
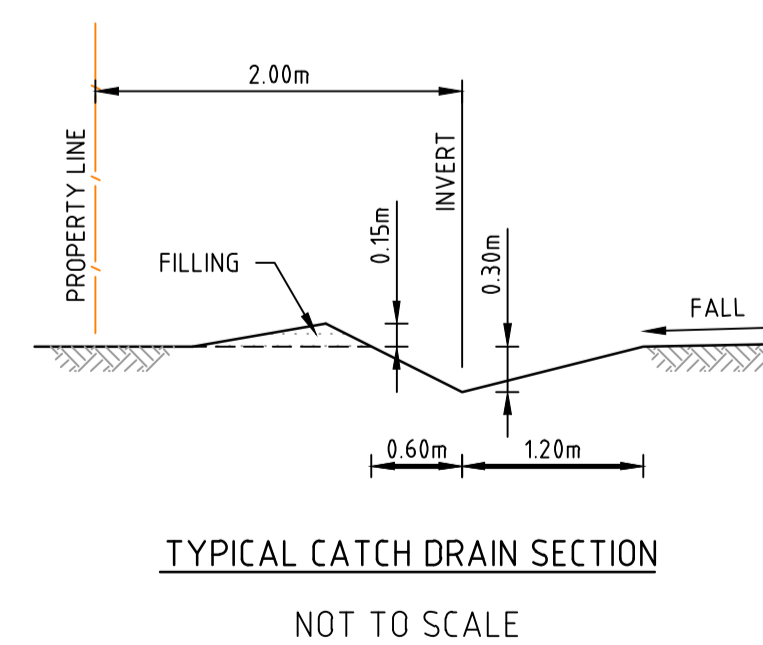
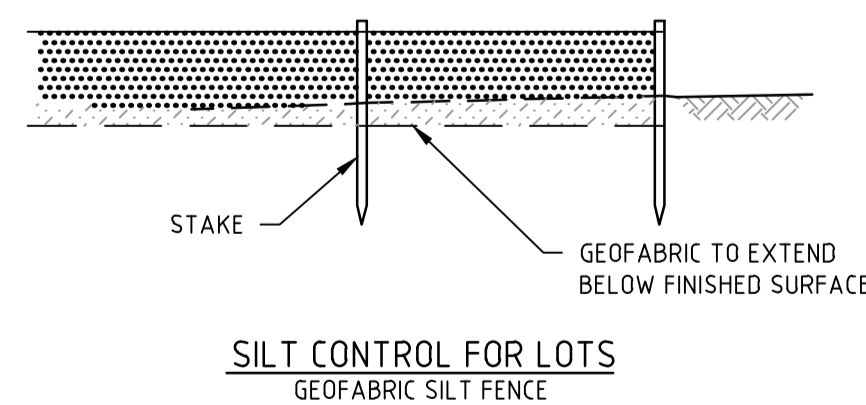
### PAVEMENT PLAN

H 1:1000  
SCALE @ A1



### LIMIT OF WORKS CONCRETE EDGE STRIP & PAVEMENT INTERFACE DETAIL

NOT TO SCALE



**DRAINAGE PLANS APPROVED FOR CONSTRUCTION BY ENGINEERING SERVICES**

Date: 14/02/2024  
Drainage Plans Approved Under: 2/2024/DPP

Fees are applicable to all developments within the municipality. Failure to construct as per the approved plans will incur extra fees

Stamp Applied by SS

file name: 320311\_000CR700\_Acc\_Layout\_Plan\_CST00.plt created by: Matthew Ross, Matthew Ross Date: 14/02/2024 2:15 PM Sheet: 9 of 13 Sheets

Rev	Description	Approved	Date
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A	PRELIMINARY ISSUE	N.G	30/05/23
	Amendments	Approved	Date

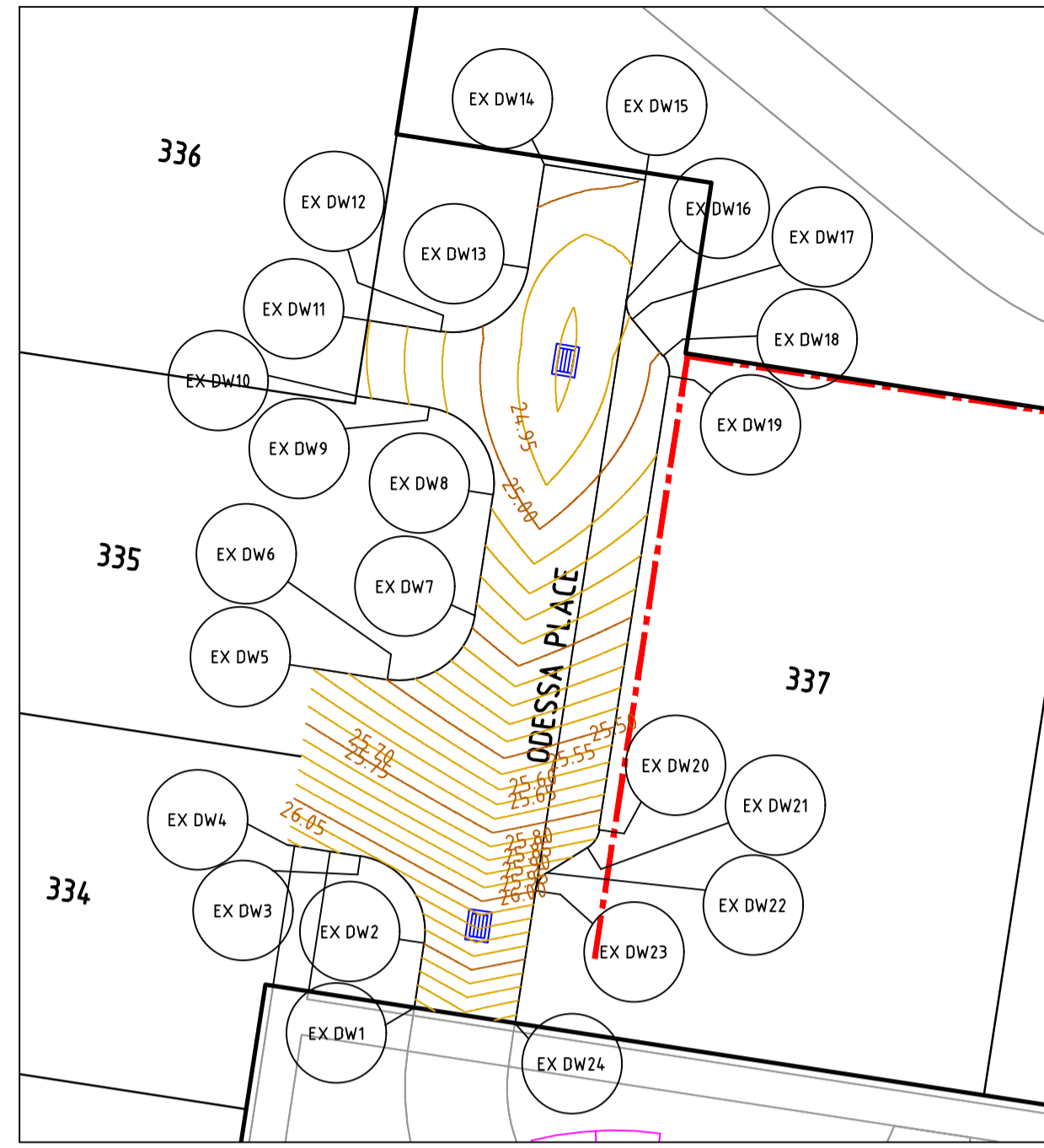
Scale	
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1/126 ALBERT ROAD WARRAGUL  
 VICTORIA 3820 AUSTRALIA T 61 3 5644 5000  
 spiire.com.au ABN 55 050 029 635

Designed: M.GANJI  
 Authorised: N.GREEN  
 Checked: N.WORME  
 Date: 30/05/2023

**250 WEDGE ROAD**  
**STAGE 3A**  
**ROAD AND DRAINAGE**  
**PAVEMENT AND TYPICAL DETAILS - SHEET 1**  
 FRANKSTON CITY COUNCIL  
 YOURLAND DEVELOPMENTS PTY LTD  
**CONSTRUCTION 320311-000CR700 0**



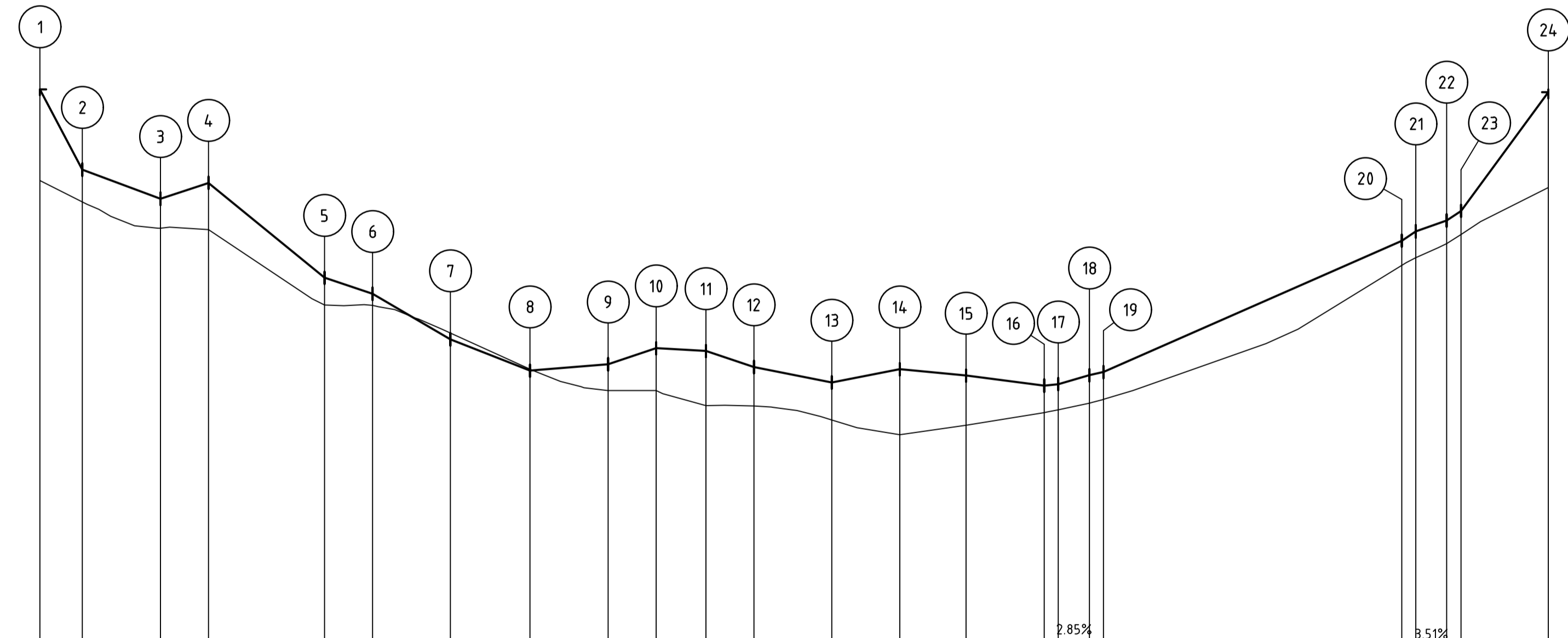
FOR CONCRETE JOINTING PLAN  
REFER 320311-000CR702

**ODESSA PLACE**

H 1:250  
SCALE @ A1

**ALIGNMENT EXTENDED DRIVEWAY**

POINT NO	EASTING	NORTHING	RL
1	342481.481	5782793.521	26.733
2	342481.872	5782796.059	26.248
1/4	342481.822	5782797.228	26.204
1/2	342481.328	5782798.288	26.160
3/4	342480.466	5782799.079	26.116
3	342479.367	5782799.480	26.072
4	342476.499	5782799.925	26.169
5	342477.565	5782806.843	25.595
6	342480.428	5782806.400	25.499
1/4	342481.598	5782806.449	25.430
1/2	342482.660	5782806.944	25.361
3/4	342483.452	5782807.807	25.292
7	342483.853	5782808.907	25.224
8	342484.584	5782813.651	25.035
1/4	342484.534	5782814.820	25.044
1/2	342484.040	5782815.880	25.054
3/4	342483.178	5782816.671	25.064
9	342482.079	5782817.073	25.073
10	342479.211	5782817.517	25.170
11	342479.668	5782820.482	25.153
12	342482.531	5782820.038	25.056
1/4	342483.701	5782820.088	25.033
1/2	342484.763	5782820.582	25.010
3/4	342485.555	5782821.446	24.987
13	342485.956	5782822.546	24.963
14	342486.580	5782826.599	25.043
15	342490.534	5782825.989	25.005
16	342489.816	5782821.333	24.945
1/4	342489.805	5782821.119	24.947
1/2	342489.840	5782820.908	24.949
3/4	342489.920	5782820.709	24.951
17	342490.040	5782820.531	24.953
18	342491.249	5782819.099	25.007
1/4	342491.368	5782818.922	25.012
1/2	342491.448	5782818.724	25.016
3/4	342491.483	5782818.514	25.021
19	342491.473	5782818.301	25.026
20	342488.731	5782800.510	25.819
1/4	342488.676	5782800.304	25.833
1/2	342488.578	5782800.113	25.847
3/4	342488.443	5782799.948	25.861
21	342488.275	5782799.816	25.875
22	342486.694	5782798.820	25.941
1/4	342486.526	5782798.688	25.955
1/2	342486.391	5782798.523	25.970
3/4	342486.293	5782798.333	25.984
23	342486.238	5782798.127	25.999
24	342485.434	5782792.912	



**VERTICAL GEOMETRY**

DESIGN GRADELINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
DESIGN GRADELINE	-18.9%	-3.74%	3.33%	-8.19%	-3.33%	-5.84%	-3.94%	0.82%	3.33%	-0.57%	-3.33%	-1.98%	1.94%	-0.95%	-1.28%	1.01%	2.26%	4.4%	6.88%	9.51%	6.78%	13.58%			
DATUM RL 23.0																									
DESIGN LEVEL	26.733	26.248	26.072	26.169	25.595	25.499	25.224	25.035	25.073	25.170	25.153	25.056	24.963	25.043	25.005	24.945	24.953	25.007	25.026	25.819	25.875	25.999	26.715		
EXISTING SURFACE	26.182	26.054	25.895	26.169	25.432	25.429	25.261	25.044	25.073	24.914	24.823	24.822	24.737	24.649	24.705	24.782	24.799	24.839	24.862	25.670	25.718	25.856	26.139		
CHAINAGE	0.000	2.567	7.277	10.180	17.180	20.077	24.792	29.592	34.302	37.205	40.205	43.102	47.817	51.918	55.918	60.629	61.487	63.362	64.216	82.218	83.074	85.798	91.075		

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
2-3	3.000	4.710	4.241	0.878	-0.228
6-7	3.000	4.715	4.244	0.880	-0.229
8-9	3.000	4.710	4.241	0.878	-0.228
12-13	1.000	0.715	0.744	0.880	-0.229
16-17	1.000	0.858	0.832	0.091	-0.023
18-19	1.000	0.854	0.828	0.090	-0.023
20-21	1.000	0.856	0.830	0.090	-0.023
22-23	1.000	0.856	0.830	0.090	-0.023

**ALIGNMENT EXTENDED DRIVEWAY**

**DRAINAGE PLANS APPROVED FOR  
CONSTRUCTION BY ENGINEERING SERVICES**

Date: 14/02/2024  
Drainage Plans Approved Under: 2/2024/DPP

Fees are applicable to all developments  
within the municipality. Failure to construct as  
per the approved plans will incur extra fees

Stamp Applied by SS

file name: 320311-000CR702\_Acc\_Layouts/Plans/CP701\_dwg.dwg; User: Muthu; Date: 08/05/2024; 2:16 PM; Sheet: 10 of 13 Sheets

Rev	Description	Approved	Date
0	ISSUED FOR CONSTRUCTION	N.G	30/01/24
A	PRELIMINARY ISSUE	N.G	30/05/23
	Amendments	Approved	Date

Scale

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**spiire**

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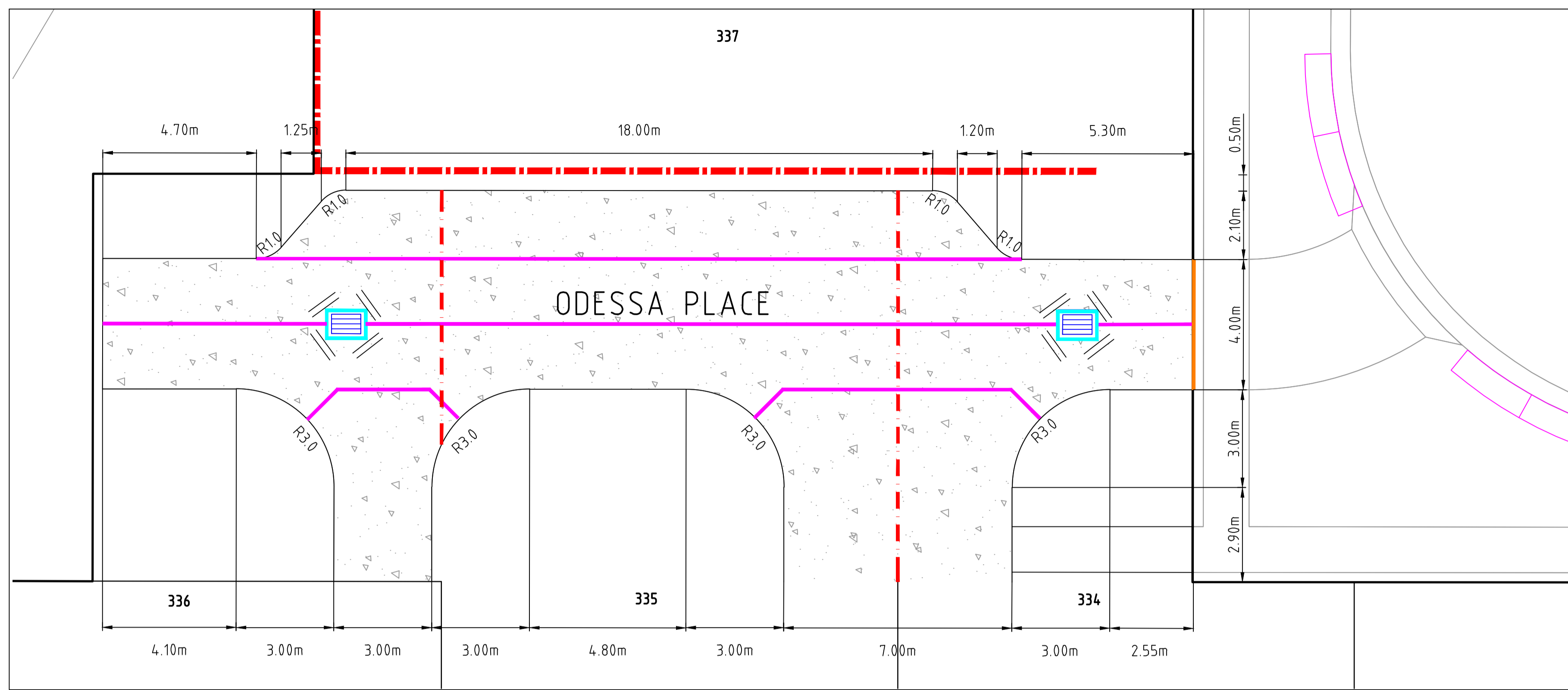
**YourLand**  
Developments

Designed <b>M.GANJI</b>	Checked <b>N.WORME</b>
Authorised <b>N.GREEN</b>	Date <b>30/05/2023</b>

**250 WEDGE ROAD  
STAGE 3A  
ROAD AND DRAINAGE  
PAVEMENT AND TYPICAL DETAILS - SHEET 2**  
FRANKSTON CITY COUNCIL  
YOURLAND DEVELOPMENTS PTY LTD

Dwg No  
**CONSTRUCTION 320311-000CR701 0**

Rev



**EXTENDED CONCRETE DRIVEWAY (ODESSA PLACE)**

H 1:100  
SCALE @ A1

**DRAINAGE PLANS APPROVED FOR CONSTRUCTION BY ENGINEERING SERVICES**

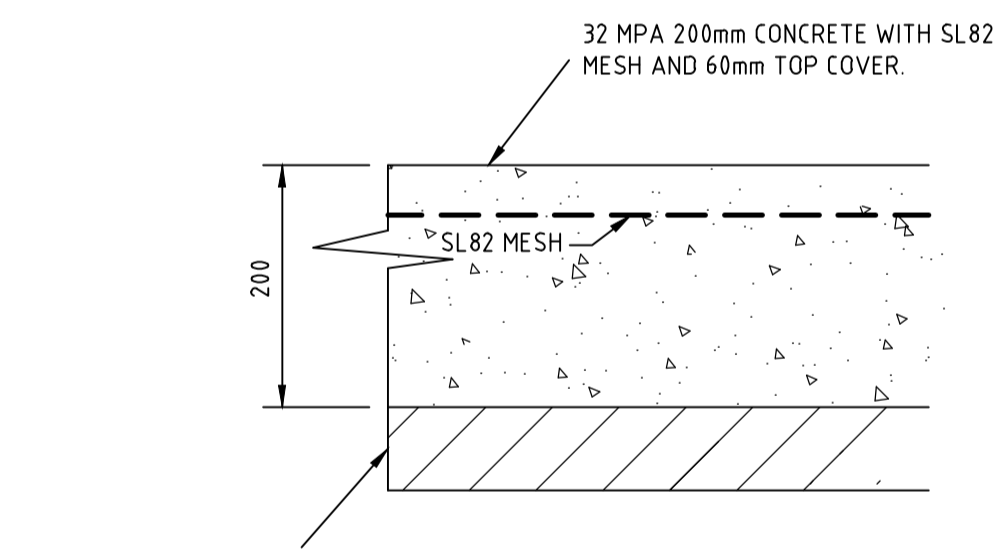
Date: 14/02/2024  
Drainage Plans Approved Under: 2/2024/DPP

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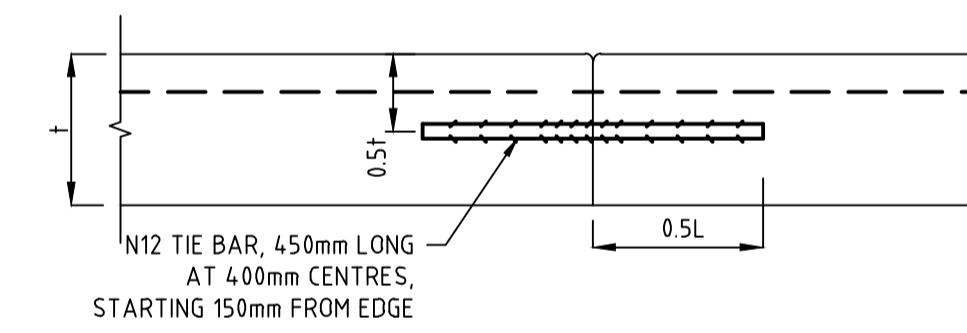
Stamp Applied by SS

**GENERAL NOTES:**

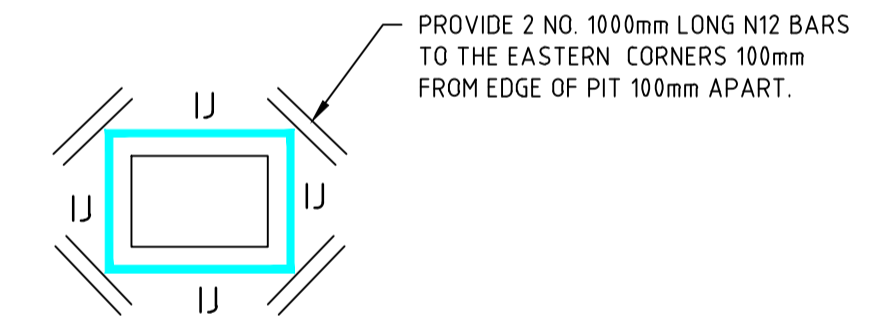
- ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS AND CCAA LITERATURE, OR VIC ROADS STANDARDS FOR NON RESIDENTIAL STREETS.
- ALL CONCRETE FOR EXTENDED DRIVEWAYS AND INDENTED PARKING BAYS TO BE MINIMUM 32MPa COMPRESSIVE STRENGTH.
- CONCRETE TO BE THOROUGHLY COMPACTED USING EITHER SURFACE AND/OR IMMERSION VIBRATORS, PARTICULARLY AROUND REINFORCEMENT AND IN CORNERS OF FORMS.
- PRIOR TO CASTING, THE UNBOUND GRANULAR SUBBASE MUST BE DAMP TO ENSURE NO EARLY "DRYING OUT" OF THE CONCRETE.
- CURING OF CONCRETE IS ESSENTIAL - IDEALLY BY MAINTAINING WET HESSIAN OR SEALING WITH PLASTIC SHEETING.
- SAW CUTTING OF CONCRETE SHOULD BE COMMENCED AS SOON AS CONCRETE PERMITS BY EXPERIENCED CONTRACTORS, BUT NO LATER THAN 12 HOURS AFTER POUR.
- ALL DOWELS TO BE GRADE 250R STEEL BARS, 450mm LONG AND PLACED AT 300mm CENTRES. REFER CCAA- "CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS" FOR DOWEL DIAMETERS. DOWELS MUST BE ACCURATELY PLACED TO ENSURE THE JOINT DOES NOT "LOCK". INSERTION OF DOWELS DURING THE PLACING OF CONCRETE IS NOT ACCEPTABLE. DOWELS MUST BE SAWN AND NOT CROPPED.
- ALL JOINTS TO BE APPROPRIATELY SEALED TO RESIST THE INTRUSION OF SAND AND GRAVEL AND TO MINIMISE THE INGRESS OF WATER.
- VARIATION TO JOINT LAYOUT BY CONTRACTOR WILL NOT BE ACCEPTED WITHOUT SPECIFIC WRITTEN CONSENT OF SUPERINTENDENT AND COUNCIL.
- CONSTRUCTION JOINTS CAN BE USED TO REPLACE ANY TRANSVERSE CONTRACTION JOINTS.



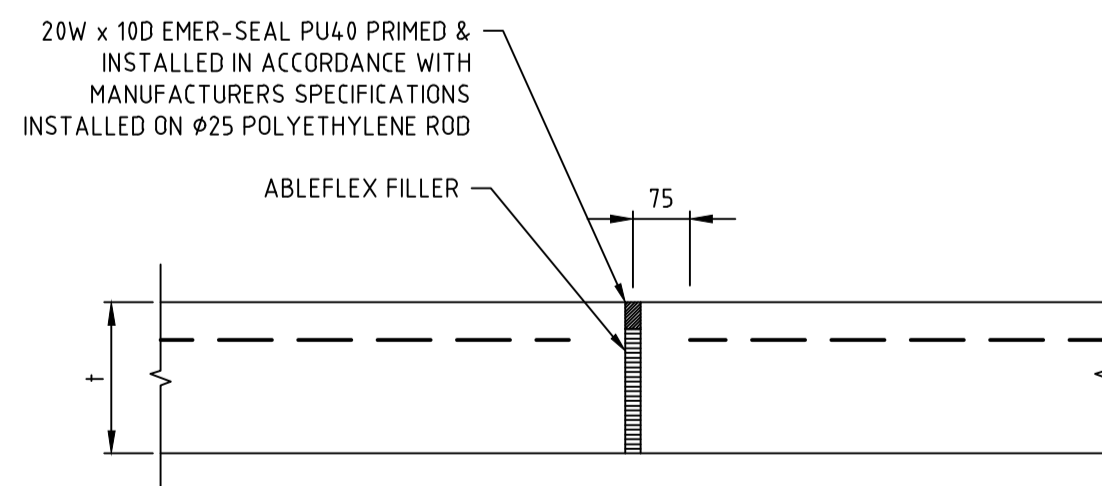
**RIGID PAVEMENT DETAIL FOR EXTENDED DRIVEWAY**



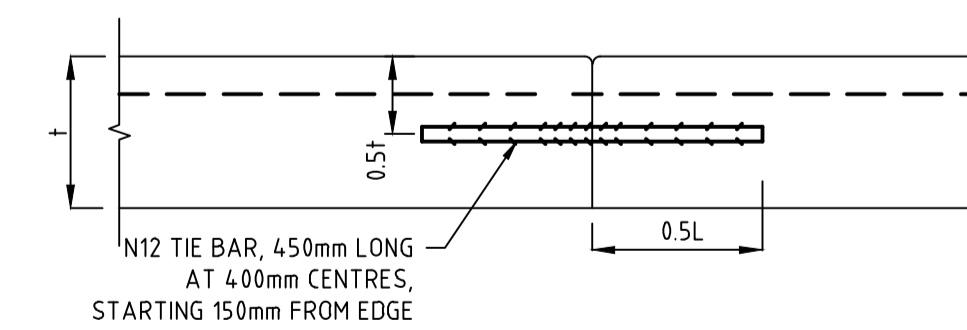
**TRANSVERSE CONSTRUCTION JOINT (TCJ)**



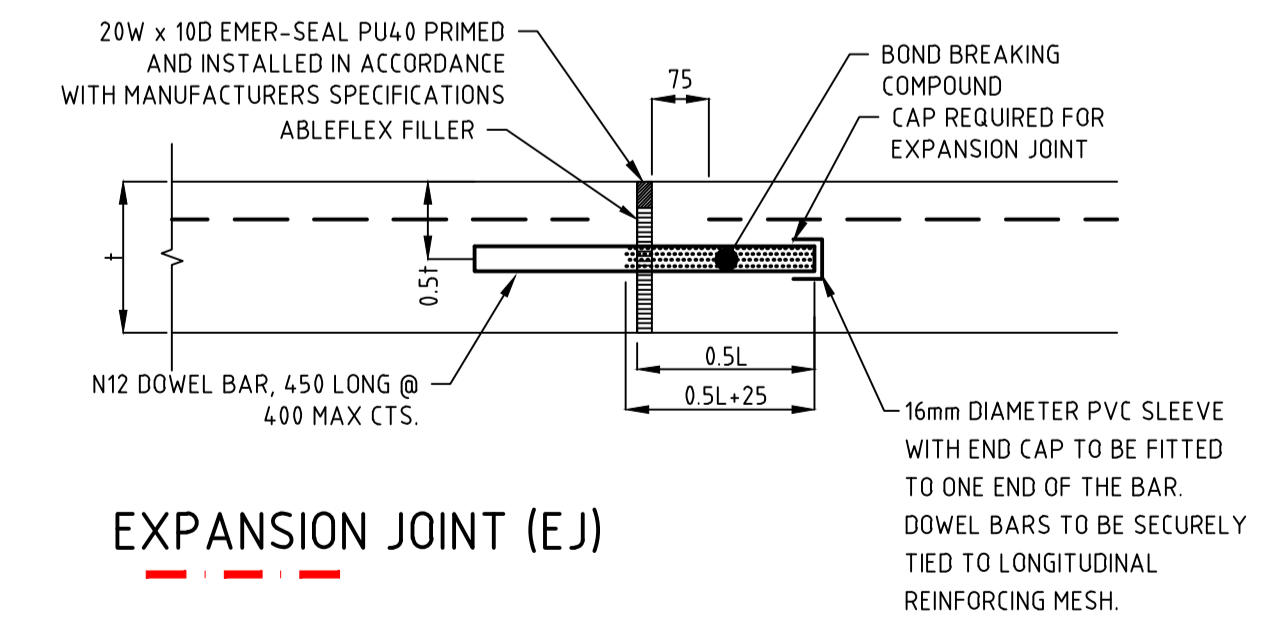
**CONCRETE PAVEMENT PIT INTERFACE DETAIL**  
JOINT DETAIL EDCM 402  
NOT TO SCALE



**ISOLATION JOINT**



**LONGITUDINAL CONSTRUCTION JOINT (LCJ)**



**EXPANSION JOINT (EJ)**

file name: 320311-000CR702\_Acc\_Layout\_Plan\_CPT02.dwg; created by: Nishith; Date: 14/02/2024; 2:16 PM; Sheet: 11 of 13 Sheets

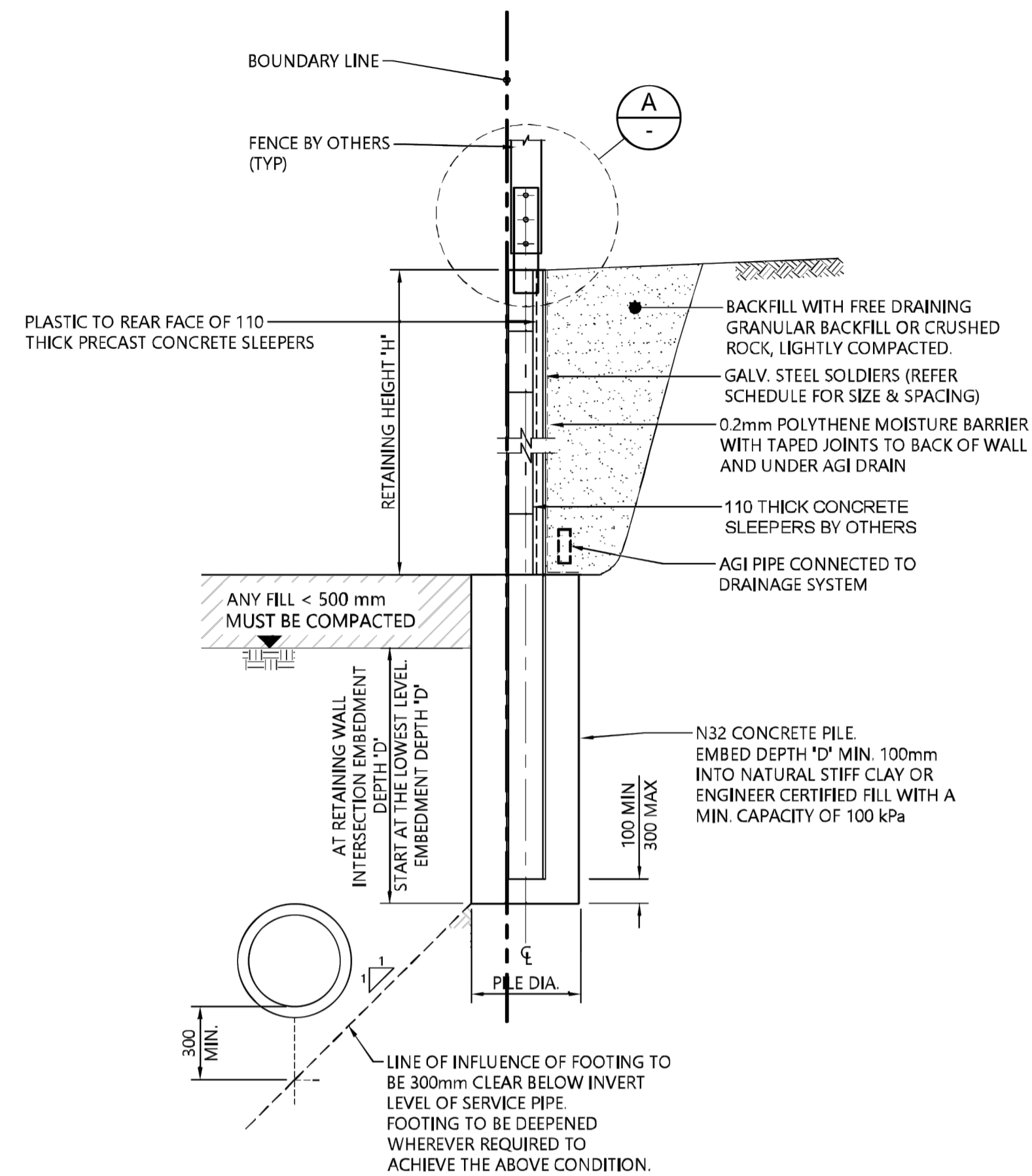
Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	N.G	30/01/24
A	PRELIMINARY ISSUE	N.G	30/05/23

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1/126 ALBERT ROAD WARRAGUL
   
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 spiire.com.au ABN 55 050 029 635

Designed: M.GANJI
   
 Authorised: N.GREEN
   
 Checked: N.WORME
   
 Date: 30/05/2023

**250 WEDGE ROAD**
  
**STAGE 3A**
  
**ROAD AND DRAINAGE**
  
**CONCRETE DETAILS PLAN**
  
 FRANKSTON CITY COUNCIL
   
 YOURLAND DEVELOPMENTS PTY LTD
   
**CONSTRUCTION**
  
 Drg No: 320311-000CR702 0



**(RW1) SLEEPER RETAINING WALL DETAIL**  
SCALE 1:20

SLEEPER RETAINING WALL SCHEDULE (SOLDIER SPACING 2.4m)			
RETAINING HEIGHT 'H'	MIN. EMBEDMENT DEPTH 'D'	FOOTING DIAMETER 'Ø'	SOLDIER SIZE 'S'
0 - 500	1400	350	100 UC 14.8
501 - 900	1700	450	150 UC 23.4

**NOTES:**

WHERE SERVICE PIPE IS PARALLEL TO SLEEPER WALL, MAINTENANCE WORKS TO USE 1-20kN SWL TEMPORARY RAKING PROP TO EACH SOLDIER AND WHERE EXCAVATION EXCEEDS 1.5m USE TRENCH SHIELD AND TEMPORARY RAKING PROP.

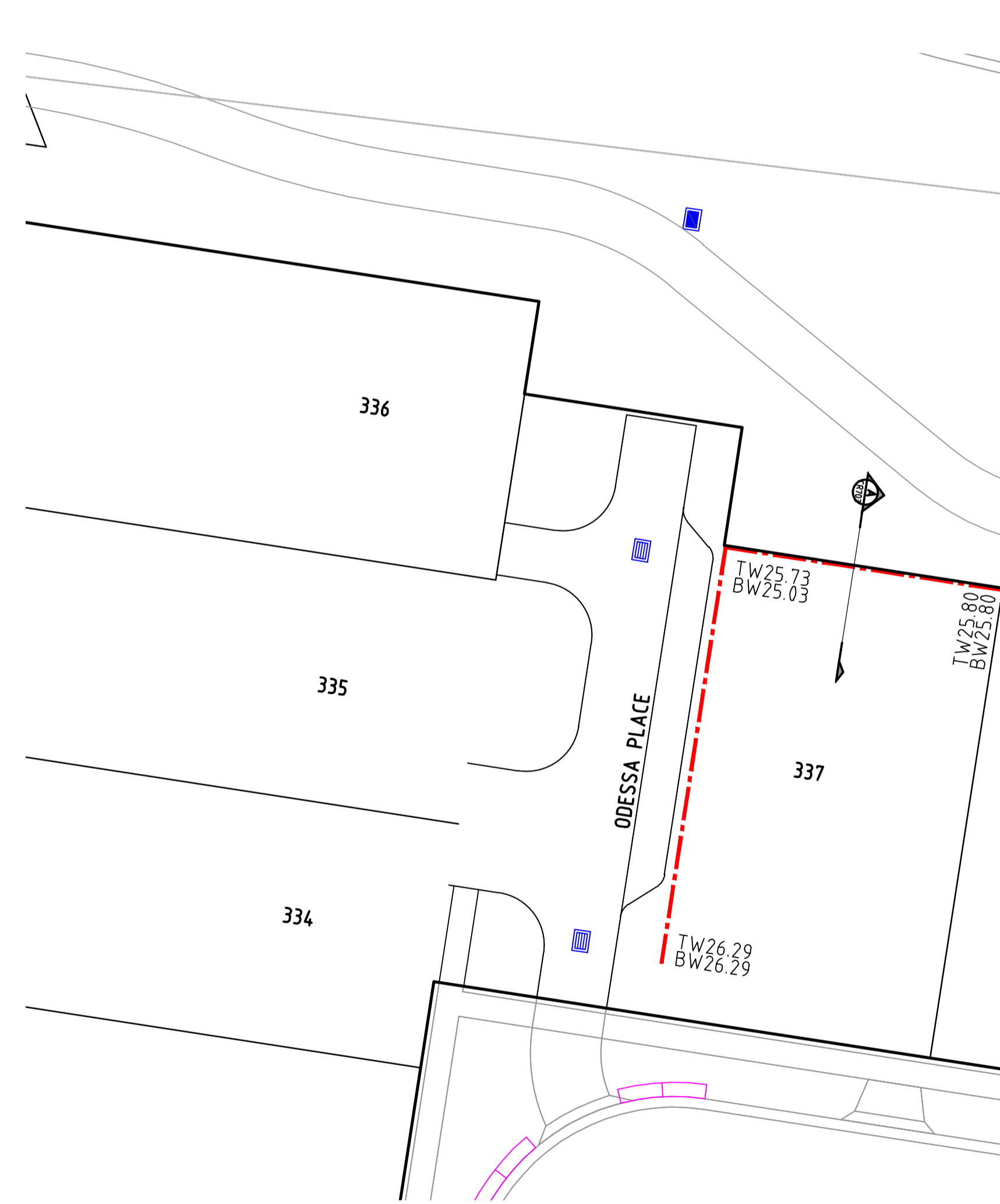
BACKFILL SERVICE TRENCH WITH CRUSHED ROCK AS SPECIFIED BY THE CIVIL ENGINEER.

**TEMPORARY PROP DETAILS:**

- 20kN SWL,
- FIX AT 2/3 HEIGHT OF SOLDIER ABOVE FOOTPATH,
- PROP AT NOMINAL 45° SLOPE,
- TEMPORARY PROP CONCRETE BASE PAD 600 x 600 x 900 DEEP OR USE TEMPORARY STEEL SCREW PROPPING PILE (REMOVE ON COMPLETION OF SERVICE MAINTENANCE WORKS AND MAKE GOOD)

**EMBEDMENT DEPTH TO BE ADOPTED: MAXIMUM OF ('D',  $D_p$ )**

**SECTION A**  
**CONCRETE SLEEPER RETAINING WALL**  
NOT TO SCALE



**CONCRETE SLEEPER RETAINING WALL**  
H 1:250 SCALE @ A1

**DRAINAGE PLANS APPROVED FOR CONSTRUCTION BY ENGINEERING SERVICES**

Date: 14/02/2024  
Drainage Plans Approved Under: 2/2024/DPP

Fees are applicable to all developments within the municipality. Failure to construct as per the approved plans will incur extra fees

Stamp Applied by SS

file name: 202311-000CR703\_Acc\_Layout\_Plan\_CPT03\_drafted by: Nareith, Ross, Matthew; file location: G:\32\202311\000CR703\Civil\ACAD\Plot.dwg; plot date: 08/05/2024; 2 of 16 P&I Sheet; 12 of 13 Sheets

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	N.G.	30/01/24
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Designed: M.GANJI  
Authorised: N.GREEN  
Checked: N.WORME  
Date: 30/05/2023

**250 WEDGE ROAD**  
**STAGE 3A**  
**ROAD AND DRAINAGE**  
**RETAINING WALL DETAILS**  
 FRANKSTON CITY COUNCIL  
 YOURLAND DEVELOPMENTS PTY LTD  
**CONSTRUCTION 320311-000CR703 0**



TBM RIVET IN MANHOLE  
E 342452.063  
N 5782843.053  
RL 24.19

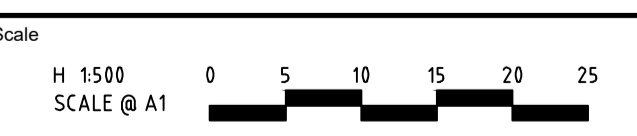
SIGNAGE SCHEDULE

REFERENCE NO.	SIGN	COMMENTS
S1		R8-2A
S2		STREET NAME PLATES TO BE IN ACCORDANCE WITH FCC SD601, SD 611, INCLUDING "NO THROUGH ROAD" NOMINATION WHERE APPLICABLE

DRAINAGE PLANS APPROVED FOR CONSTRUCTION BY ENGINEERING SERVICES  
Date: 14/02/2024  
Drainage Plans Approved Under: 2/2024/DPP  
Fees are applicable to all developments within the municipality. Failure to construct as per the approved plans will incur extra fees  
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file name: 320311-000CR800\_A11 Layout Area\_C8800.dwg, plotted by: Matthew Ross, Matthew, file location: \\spire\media\data\320311\000\civil\A1.dwg, dde: 08/02/2024, 2:16 PM, Sheet 13 of 13, Sheets

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spiire.com.au ABN 55 050 029 635

Designed  
M.GANJI

Checked  
N.WORME

Authorised  
N.GREEN

Date  
30/05/2023

250 WEDGE ROAD  
STAGE 3A  
ROAD AND DRAINAGE  
SIGNAGE AND LINEMARKING - SHEET 1  
FRANKSTON CITY COUNCIL  
YOURLAND DEVELOPMENTS PTY LTD

CONSTRUCTION 320311-000CR800 0