

100 LECKY ROAD PTY LTD
BANYAN PLACE ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
CARDINIA SHIRE COUNCIL



MELWAY REF: 215 A9
SCALE 1:2500 @ A1

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VERSION DETAILS:			
REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC
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COUNCIL: CARDINIA SHIRE COUNCIL			
TITLE: 100 LECKY ROAD PTY LTD BANYAN ESTATE - STAGE 9 70-100 LECKY ROAD, OFFICER ROAD AND DRAINAGE PLANS LOCALITY PLAN & SHEET INDEX			
DRG NO. 1470-9/R01	REV. H	SHEET 01 OF 34	

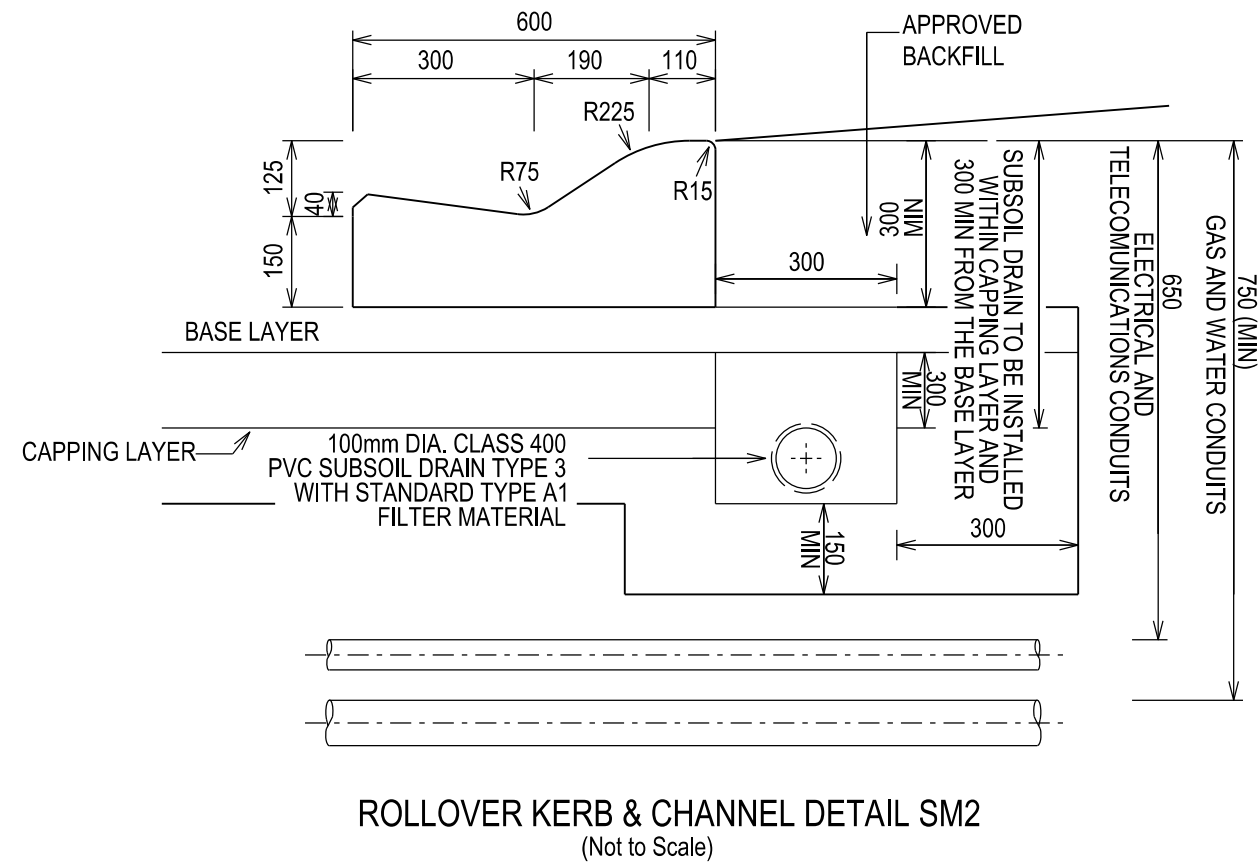
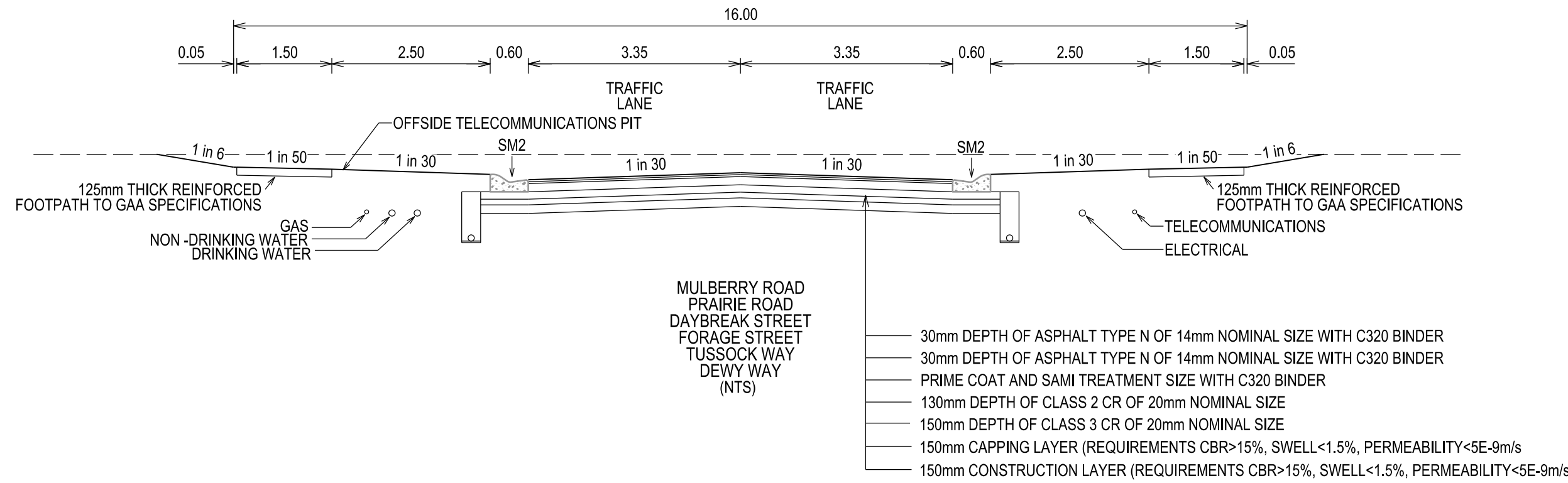
CONSTRUCTION NOTES

1. ALL LEVELS AND DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED.
2. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT AUTHORITY STANDARDS, SPECIFICATIONS AT THE TIME OF CONSTRUCTION AND IN ACCORDANCE WITH THE AUSTRALIAN STANDARD GENERAL CONDITIONS OF CONTRACT AS 2124-1992.
3. STANDARD DRAWINGS OF THE RELEVANT ROAD AUTHORITY ARE AN ANNEXURE TO THE CONSTRUCTION DRAWINGS
4. THE CERTIFIED PLAN OF SUBDIVISION IS AN ANNEXURE TO THE CONSTRUCTION DRAWINGS
5. MELBOURNE WATER PLANS FOR WETLANDS AND INFRASTRUCTURE (WHERE APPLICABLE) ARE AN ANNEXURE TO THE CONSTRUCTION DRAWINGS.
6. THE SCHEDULE OF QUANTITIES ARE AN ANNEXURE TO THE CONSTRUCTION DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE QUANTITIES REFLECT THAT OF THE CONSTRUCTION WORKS DETAILED IN THESE PLANS. THE SUPERINTENDENT IS TO BE NOTIFIED SHOULD ANY DISCREPANCIES BE IDENTIFIED.
7. ALL DISTURBED AREAS ARE TO BE GRADED, TOPSOILED TO A MINIMUM DEPTH OF 150 MILLIMETRES AND SOWN WITH APPROVED SEED MIX TO THE SATISFACTION OF THE SUPERINTENDENT.
8. APPROVAL FOR THE USE OF WATER FOR CONSTRUCTION PURPOSES IS THE RESPONSIBILITY OF THE CONTRACTOR. REFER TO THE RELEVANT WATER AUTHORITY FOR SPECIFIC REQUIREMENTS AND APPROVALS.
9. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVE THE LOCATION AND DEPTH OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORKS. THE SUPERINTENDENT IS TO BE NOTIFIED SHOULD ANY DISCREPANCIES BE IDENTIFIED.
10. SITE ACCESS MUST BE MAINTAINED AT ALL TIMES. TRAFFIC MANAGEMENT PLAN MUST BE PROVIDED TO THE RELEVANT ROAD AUTHORITY (AND APPROVED) /SUPERINTENDENT PRIOR TO THE COMMENCEMENT OF WORKS.
11. ACCESS TO THE EXISTING RESIDENCE TO BE MAINTAINED AT ALL TIMES.
12. THE CONTRACTOR IS RESPONSIBLE FOR ALL ENVIRONMENTAL CONTROLS TO THE SATISFACTION OF THE RELEVANT AUTHORITIES AND EPA REQUIREMENTS.
13. APPROPRIATE INSPECTIONS ARE TO BE ARRANGED WITH THE COUNCIL WORKS SUPERVISOR
14. ALL VEGETATION TO BE RETAINED AS SPECIFIED IS TO BE PROTECTED (TPZ FENCING) PRIOR TO THE COMMENCEMENT OF WORKS
15. ALL FILLING WORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE GEOTECHNICAL REPORT (SITE GEOTECHNICAL REF. R8614-1) AND UNDERTAKEN UNDER LEVEL 1 SUPERVISION. A COMPACTION REPORT IS TO BE PROVIDED UPON COMPLETION OF THE FILLING WORKS.
16. ALL BATTERS SHALL BE BLENDED INTO THE NATURAL SURFACE TO THE SATISFACTION OF THE SUPERINTENDENT.
17. MINIMUM FALL ON LOTS IS TO BE 1 IN 150 LONGITUDINALLY.
18. PRIOR TO THE FILLING OF EXISTING OPEN DRAINS, CHANNELS OR DAMS A SUITABLY QUALIFIED GEOTECHNICAL CONSULTANT SHOULD VERIFY THE BASE IS SUITABLE FOR FILLING AND THE INVERT LEVELS ARE TO BE TAKEN TO ENSURE THE AS-CONSTRUCTED FILL DEPTHS CAN BE VERIFIED.
19. THE CONTRACTOR IS RESPONSIBLE FOR ALL SERVICE TRENCHING AND BACKFILLING FOR DRAINAGE, SEWER, POTABLE AND NON-POTABLE WATER, ELECTRICAL, TELECOMMUNICATIONS AND GAS INCLUDING THE REMOVAL/DISPOSAL OF EXCESS MATERIAL.
20. REFER TO THE RELEVANT SERVICE PLANS FOR WORKS ASSOCIATED WITH MELBOURNE WATER WORKS, SEWER, POTABLE AND NON-POTABLE WATER, ELECTRICAL, TELECOMMUNICATION AND GAS SUPPLY. THESE SERVICES ARE REFLECTED ON THE DETAIL PLANS INDICATIVELY AND MAY BE SUBJECT TO MINOR AMMENDMENTS.
21. LOCATIONS FOR SERVICE CONDUITS SHALL BE DETERMINED FROM THE RELEVANT SERVICE PLANS. WHERE THESE ARE REQUIRED TO BE ALTERED THE SUPERINTENDENT WILL CONFIRM THESE LOCATIONS AS REQUIRED. CONDUIT LOCATIONS SHOULD BE POSITIONED IN CONJUNCTION WITH THE RELEVANT SUB- CONTRACTOR
22. A.G DRAINS TO BE CONSTRUCTED BEHIND ALL KERB AND CHANNEL AND LONGITUDINAL PAVEMENT JOINTS
23. RCP DRAINAGE PIPES TO BE CLASS 2 UNLESS NOTED OTHERWISE.
24. ALL PIPES UP TO AND INCLUDING 750mm IN DIAMETER SHALL BE RUBBER RING JOINTED. PIPE ABOVE THIS SIZE MAY BE FLUSH JOINTED WITH EXTERNAL SEALING BANDS.
25. ALL DRAINAGE LINES IN ROAD RESERVES, UNDER PAVEMENTS, VEHICLE CROSS-OVERS ARE TO BE BACKFILLED WITH FCR AS PER THE RELEVANT AUTHORITY SPECIFICATIONS.
26. ALL EASEMENT DRAINS ARE AT 1 METRE OFFSET UNLESS OTHERWISE SPECIFIED.
27. ALL PIT FLOORS ARE TO BE SHAPED TO ACCOMMODATE DROP THROUGH PITS. ALL PITS TO BE CONSTURCTED TO THE COUNCIL/EDCM SPECIFICATIONS.
28. ALL PIT LIDS ARE TO BE IN ACCORDANCE WITH THE COUNCIL/EDCM SPECIFICATIONS
29. ALL PROPERTY INLET DRAINS MUST BE A MINIMUM OF 500 MILLIMETRES BELOW THE FINISHED SURFACE LEVELS AS REQUIRED BY THE COUNCIL/EDCM SPECIFICATIONS.
30. SUBGRADE IMPROVEMENT IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCILS WORKS SUPERVISOR PRIOR TO COMMENCEMENT OF WORKS.
31. PAVEMENT DEPTHS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS AND GEOTEHCNICAL REPORT (SITE GEOTECHNICAL REF R8614-1). CHANGES TO THESE DEPTHS MUST BE APPROVED BY COUNCILS WORKS SUPERVISOR AND THE SUPERINTENDENT.
32. THE CONTRACTOR SHALL CONTACT THE SUPERINTENDENT FOR THE CO-ORDINATION OF ELECTRICAL WORKS AT LEAST 28 DAYS PRIOR TO THE PROPOSED COMMENCEMENT.
33. ELECTRICAL AND TELECOMMUNICATIONS CABLES ARE TO BE PLACED IN A SHARED TRENCH TO THE SPECIFICATIONS OF THE RELEVANT AUTHORITIES.
34. CONDUIT LOCATIONS AND PROPERTY DRAIN INLET LOCATIONS ARE TO BE STAMPED ON KERB AND CHANNEL AND FOOTPATH IN ACCORDANCE WITH COUNCIL/EDCM SPECIFICATIONS.
35. FOOTPATHS ARE TO CONSTRUCTED 1.5 METRES WIDE AND 2.5 METRES WIDE (SHARED) IN ACCORDANCE WITH COUNCIL/EDCM SPECIFICATIONS.
36. PEDESTRIAN CROSSINGS THROUGH SPLITTER ISLANDS ARE TO BE CONSTRUCTED AT PAVEMENT LEVEL.
37. VEHICLE CROSOVERS ARE SHOWN INDICATIVELY. CONSTRUCTION REQUIREMENTS INCLUDING OFFSETS ARE TO BE IN ACCORDANCE WITH COUNCIL/EDCM SPECIFICATIONS EDCM501-503.
38. WHERE ALLOTMENTS ARE FILLED ABOVE FOOTPATH LEVELS, VEHICLE CROSOVERS ARE TO BE CUT INTO ALLOTMENTS AT A MAXIMUM GRADE OF 1 IN 5
39. TBM AND PSM LOCATIONS ARE SHOWN ON SHEET 4 .
40. STREET SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL/EDCM SPECIFICATIONS.
41. SIGNAGE, LINE MARKING AND PAVEMENT MARKERS ARE TO BE INSTALLED IN ACCORDANCE WITH AS1742.2 2009, AND COUNCIL/EDCM SPECIFICATIONS
42. TACTILE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH AS1428.4.1 2009 AT ALL PRAM CROSSINGS, FOOTPATH JUNCTIONS IN ACCORDANCE WITH COUNCIL/EDCM REQUIREMENTS
43. THE PLANS MAY ONLY BE REPRODUCED IN THEIR ENTIRETY.
44. KERB RADII LABELS ARE IN METRES AND INDICATE BACK OF KERB DIMENSIONS.
45. A CCTV REPORT MUST BE PROVIDED FOR ALL DRAINAGE LINES PRIOR TO ISSUE OF PRACTICAL COMPLETION.
46. ALL FOOTPATHS AND SHARED PEDESTRIAN-BICYCLE PATHS ARE TO BE 125mm THICK REINFORCED CONCRETE USING SL72 MESH AS PER EDCM401.

CARDINIA SHIRE COUNCIL NOTES:

1. ALL WORKS TO BE ACCORDANCE WITH CURRENT CARDINIA SHIRE COUNCIL AND/OR EDCM SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE CARDINIA SHIRE COUNCIL SUPERVISING ENGINEER.
2. PRIOR TO COMMENCING WORKS ON SITE THE CONTRACTOR MUST ADDRESS ALL OCCUPATIONAL HEALTH & SAFETY ACT (2004) ITEMS AND ENSURE THAT THE REQUIRED NOTIFICATIONS HAVE BEEN MADE TO THE VICTORIAN WORKCOVER AUTHORITY, HEALTH & SAFETY DIVISION REGARDING TRENCHING OPERATIONS.
3. PRIOR TO COMMENCING ANY WORKS ON TRENCHES WITH DEPTHS EXCEEDING 1.5M THE CONTRACTOR'S CONSTRUCTION SUPERVISOR MUST GIVE WRITTEN NOTICE TO WORKSAFE VICTORIA IN ACCORDANCE WITH PART 5.1, DIVISION 4 OF THE OCCUPATIONAL HEALTH & SAFETY REGULATIONS (2017) & UNDERTAKE THE NECESSARY SAFETY PRECAUTIONS FOR TRENCHING OPERATIONS IN ACCORDANCE WITH THE WORKCOVER CODE OF PRACTICE (2018).
4. PAVEMENT DEPTHS MAY NEED TO BE MODIFIED DURING CONSTRUCTION, DEPENDING ONTHE ON-SITE CONDITIONS AS DIRECTED BY THE CARDINIA SHIRE COUNCIL CONSTRUCTION ENGINEER OR WORKS SUPERVISOR.
5. STREET LIGHTING MUST BE PROVIDED ON ALL NEWLY CREATED ROADS AND RESERVES IN ACCORDANCE WITH THE APPROVED PUBLIC LIGHTING PLAN
6. TREE RESERVE FENCES TO BE SHOWN ON CONSTRUCTION PLANS
7. APPROPRIATE SILTATION CONTROL IS TO BE CARRIED OUT DURING THE CONSTRUCTION AND MAINTENANCE PERIODS
8. AN ENVIRONMENTAL MANAGEMENT PLAN (EMP) MUST BE SUBMITTED TO, AND APPROVED BY COUNCIL AT LEAST 14 DAYS PRIOR TO THE COMMENCEMENT OF ANY WORKS ON SITE AND ALL WORKS MUST BE CARRIED OUT IN ACCORDANCE WITH THIS EMP
9. CUT BATTERS ARE TO BE HYDRO MULCHED USING APPROVED SEED MIXES.
10. REMOVAL OR RETENTION OF EXISTING TREES OR VEGETATION MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN (OTHERWISE APPROVAL WILL BE REQUIRED FROM CARDINIA SHIRE COUNCIL ARBORIST OR LANDSCAPE OFFICER.
11. NO SURPLUS TREES, VEGETATION OR OTHER MATERIALS IS TO BE BURNT ON SITE.
12. ALL FOOTPATHS AND SHARED PEDESTRIAN-BICYCLE PATHS ARE TO BE 125MM THICK REINFORCED CONCRETE USING SL72 MESH
13. IF IMPORTED FILL MATERIAL IS TO BE PLACED ON SITE CLEAN FILL CERTIFICATES MUST BE PROVIDED FROM A NATA APPROVED TESTING LABORATORY IN ACCORDANCE WITH EPA BULLETIN PUBLICATION NO. 448 TO DEMONSTRATE ITS SUITABILITY FOR USE ON SITE.
14. FILLING IN ALL PROPERTIES & ROAD RESERVES IS TO BE CARRIED OUT USING APPROVED CLAY FILL. TOPSOIL & ALL VEGETABLE MATTER TO BE STRIPPED FROM SITE PRIOR TO FILLING. ALL FILLING TO BE CARRIED OUT IN 150MM LAYERS AND COMPACTED TO 95% OF MAX. DRY DENSITY. ALL FILLING TO COMPLY WITH AS 3798-2007, SECTION 8.2, LEVEL 1 A FILL REPORT MUST BE SUBMITTED FROM A NATA REGISTERED SOIL TESTING LABORATORY
15. DAMS TO BE LEVELED PRIOR TO FILLING AND LEVELS SHOWN ON 'AS CONSTRUCTED' PLANS
16. IF ANY EXISTING SUBSTANDARD FILLING IS ENCOUNTERED ON THE SITE IT MUST BE REMOVED AND REPLACED WITH APPROVED FILL MATERIAL PROPERLY COMPACTED TO COUNCIL REQUIREMENTS. A GEO-TECHNICAL REPORT MUST BE SUBMITTED SHOWING DETAILS OF DEPTH, TYPE OF MATERIAL AND DENSITY OF THE FILL AREAS CONCERNED
17. ALL COUNCIL RESERVES MUST BE PROVIDED WITH CONNECTIONS FOR DRAINAGE, SEWERAGE, ELECTRICITY & OTHER SERVICES
19. INDUSTRIAL STRENGTH VEHICLE CROSSINGS TO BE PROVIDED FOR LOTS IN ADJACENT TO TEMPORARY CRUSHED ROCK TURN AROUND AREAS ON 'DEAD END' ROADS
20. TEMPORARY CRUSHED ROCK TURN AROUND AREAS MUST BE MAINTAINED IN A SAFE AND SOUND CONDITION SO THAT VEHICLES ARE ABLE TO USE THEM AT ALL TIMES
21. CONCRETE IS TO BE PLACED AROUND ELECTRICAL DISTRIBUTION PITS TO A MINIMUM DEPTH OF 200MM. DISTRIBUTION PITS ARE TO BE A MINIMUM OF 300MM FROM EDGE OF FOOTPATHS
22. TELECOMMUNICATION CONDUITS ARE TO BE FOR USE BY ANY TELECOMMUNICATIONS COMPANY
23. TACTILE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH AS1428.4.1 'DESIGN FOR ACCESS AND MOBILITY' AT ALL PRAM CROSSINGS, BUS STOPS/ HARD STANDS, ROUNDABOUTS/SIGNALS AND INTERSECTIONS AND IN ACCORDANCE WITH EDCM 403.
24. A CCTV REPORT MUST BE PROVIDED FOR ALL DRAINAGE LINES PRIOR TO ISSUE OF PRACTICAL COMPLETION.
25. FITZROY BOXES MUST BE INSTALLED FOR ANY WATER TAPPINGS OR HOUSE DRAIN CONNECTIONS BENEATH ROAD PAVEMENT, PARKING BAYS OR PATHWAYS.
26. KERB SYMBOL "H" MUST BE MARKED ON THE FACE OF KERB INLINE WITH THE POSITION WHERE A PROPERTY CONNECTION IS PROVIDED TO AN UNDERGROUND STORM WATER PIT OR PIPE AS PER VPA STANDARD EDCM 303.

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H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC
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DRG NO. 1470-9/R03	REV. H	SHEET 03 OF 34	

SERVICE OFFSETS

Street	Gas	NDW	Water	Comms	Elec.	Lighting	Sewer
TUSOCK WAY	N 2.05	N 2.45	N 2.90	S 1.85	S 2.60	1.00 BOK	N/S 1.00
DEWY WAY	W 2.05	W 2.45	W 2.90	E 1.85	E 2.60	1.00 BOK	- -
FORAGE STREET	N 1.95	N 2.40	N 2.90	S 1.85	S 2.60	1.00 BOK	N/S 1.00
DAYBREAK STREET	W 2.05	W 2.45	W 2.90	E 1.85	E 2.60	1.00 BOK	E/W 1.00
PRAIRIE ROAD	S 2.05	S 2.45	S 2.90	N 1.85	N 2.60	1.00 BOK	N/S 1.00
MULBERRY ROAD	E 1.95	E 2.40	E 2.90	W 1.85	W 2.60	1.00 BOK	W 1.00

SERVICE OFFSETS ARE MEASURED (m) FROM THE TITLE BOUNDARY UNLESS OTHERWISE SPECIFIED
* OFFSETS BASED ON DN63 GAS, DN100 NDW & DN100 WATER. SERVICES IN EXCESS OF THIS SIZING WILL RESULT IN OFFSIDE OPTIC FIBRE PITS TO BE LOCATED IN FOOTPATH.

WARNING

BEWARE 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.

STOP

Major Cables exist in the area, if your activities are within Telstra encroachment distances (see duty of care) contact 03 9632 9961 at least 2 business days before starting activity.

LEGEND

FOOTPATH

VEHICULAR CROSSOVER

KERB AND CHANNEL

ELECTRICITY
TELECOMMUNICATION } CONDUITS
(REFER TO APPROVED ELECTRICAL AND COMMS PLAN)

GAS
DRINKING WATER
NON DRINKING WATER } CONDUITS

O/H ELECTRICITY

ELECTRICITY MAIN

TELECOMMUNICATION MAIN

GAS MAIN

DRINKING WATER MAIN

NON DRINKING WATER MAIN

SEWER MAIN, MAINTENANCE STRUCTURES
AND SEWER PROPERTY BRANCHES

PROPOSED DRAINAGE, PIT, HOUSE DRAIN AND
PROPERTY INLET

EXISTING DRAINAGE AND PIT AND
FUTURE DRAINAGE AND PIT
(COUNCIL ASSET)

PROPOSED TEMPORARY DRAINAGE AND PIT
(COUNCIL ASSET)

MELBOURNE WATER SCHEME DRAINAGE AND PIT
(COUNCIL ASSET)

MELBOURNE WATER SCHEME DRAINAGE AND PIT
(MELBOURNE WATER ASSET)

DRAINAGE PIT NUMBER

PROPOSED CUT AREAS

PROPOSED FILL AREAS >200mm

E00.00 EXISTING SURFACE LEVEL

D00.00 DESIGN SURFACE LEVEL

B00.00 TOP OF BATTER LEVEL

P00.00 PADS LEVEL

STREET NAME SIGN

LOT SLOPE DIRECTION

PERMANENT SURVEY MARK

TEMPORARY BENCH MARK

RETAINING WALLS

KERB TRANSITION

5 0 10 20 30m

1:500 at A1

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DETAIL PLAN & SERVICE OFFSET TABLE - SHEET 1

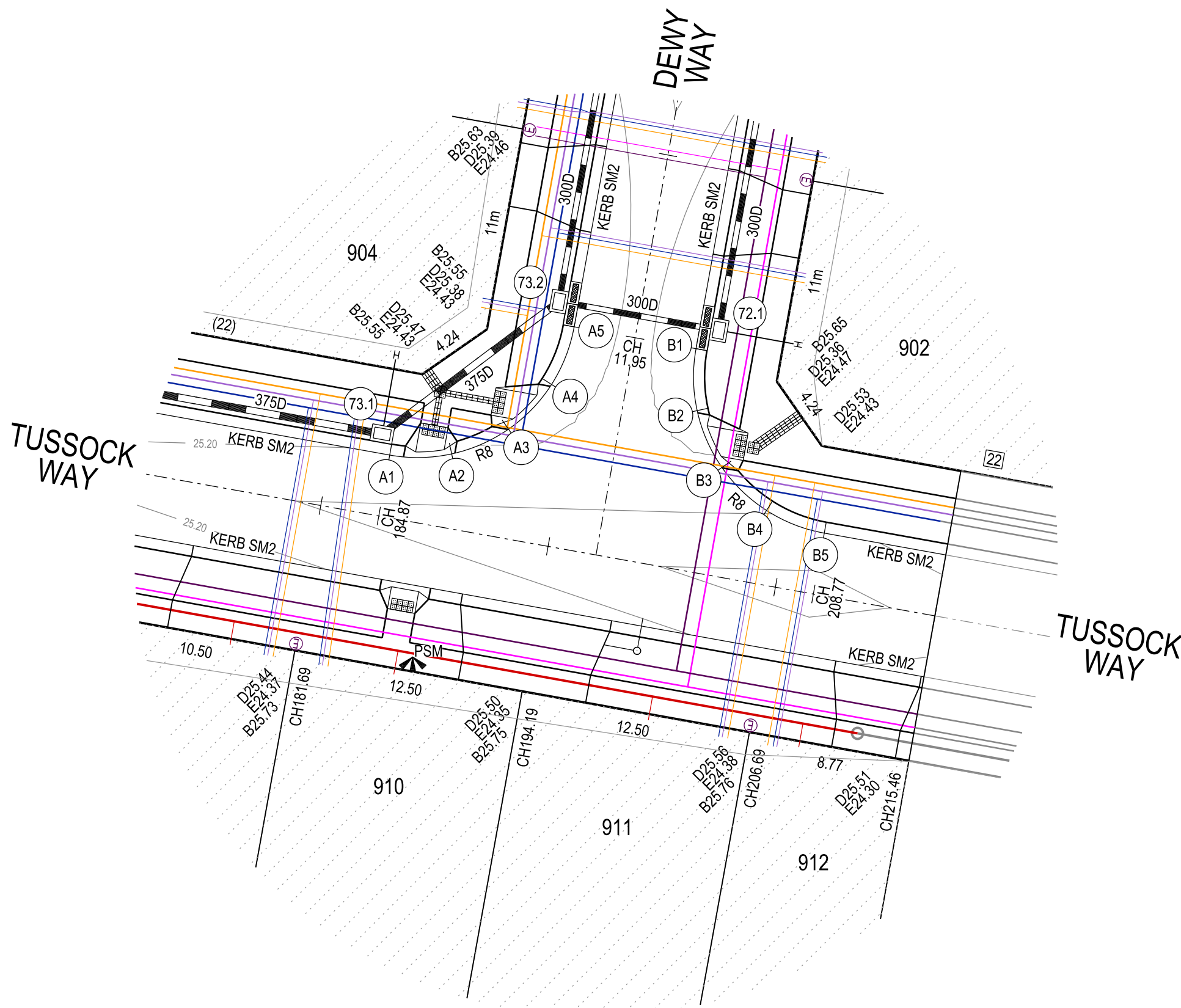
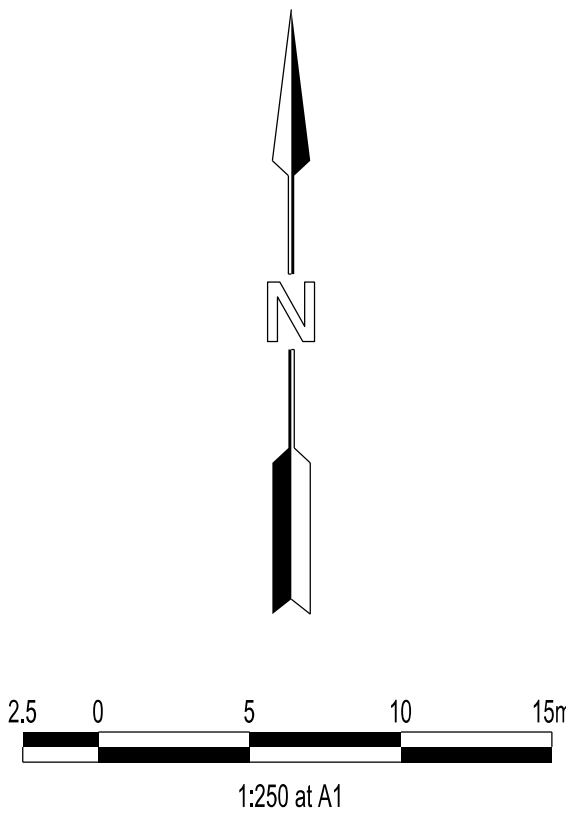
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BEWARE OF UNDERGROUND SERVICES

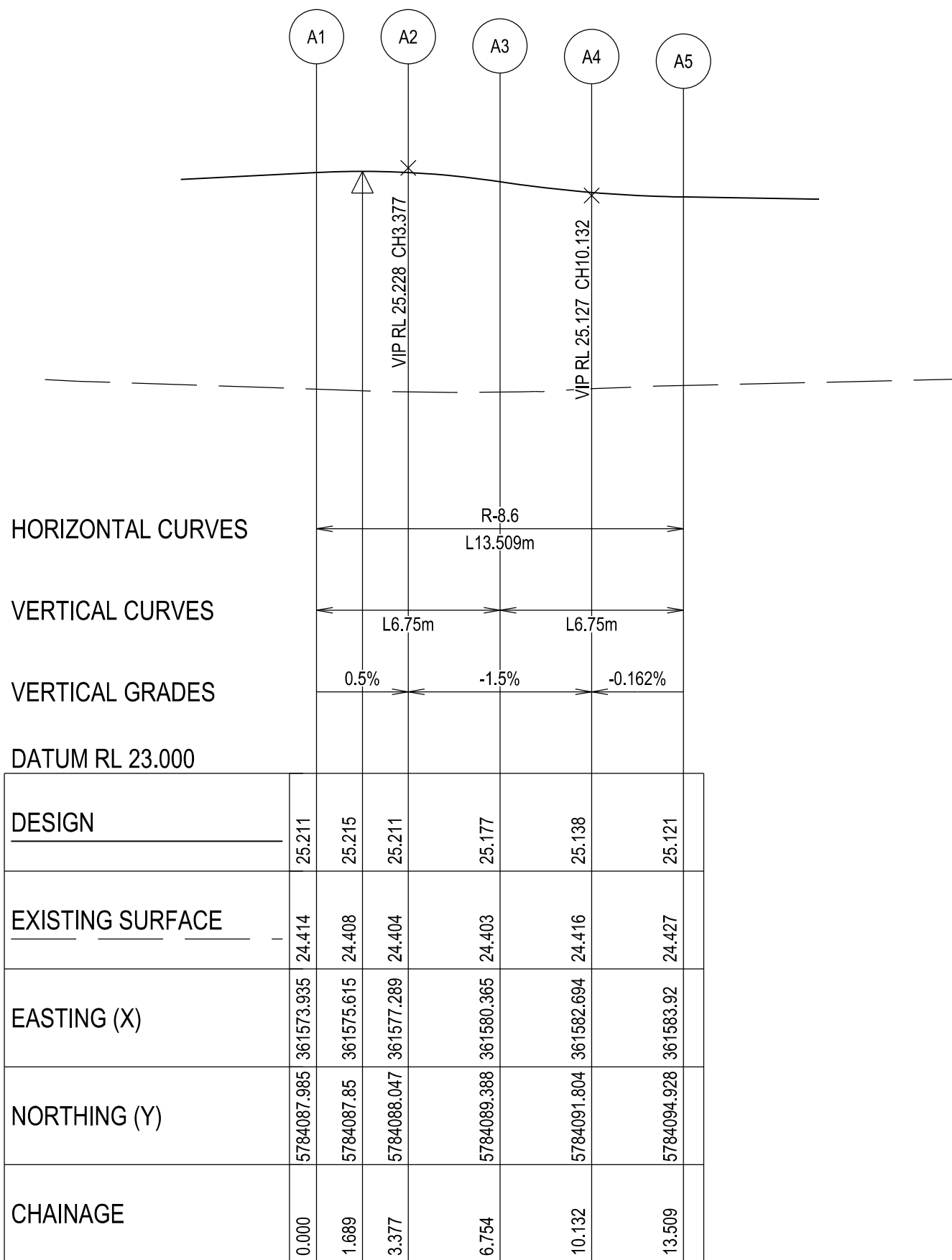
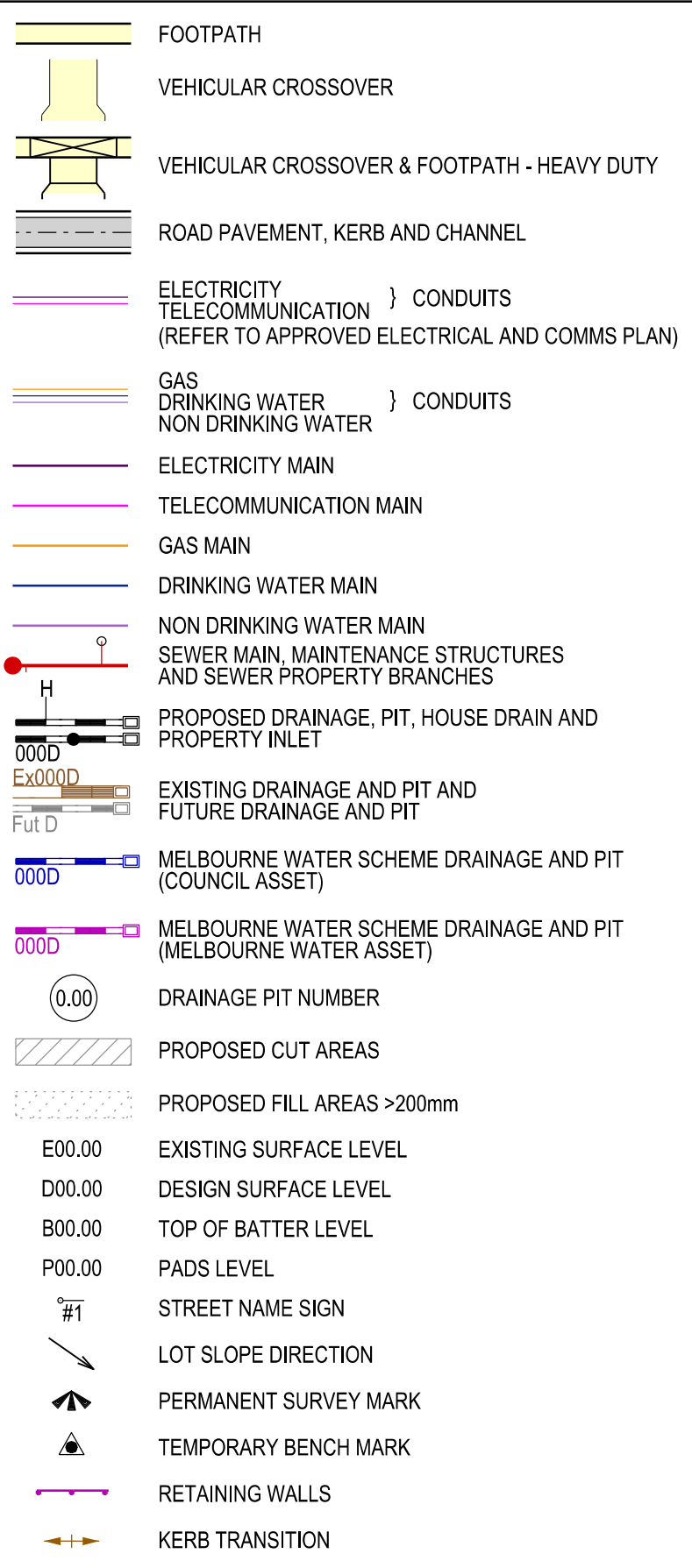
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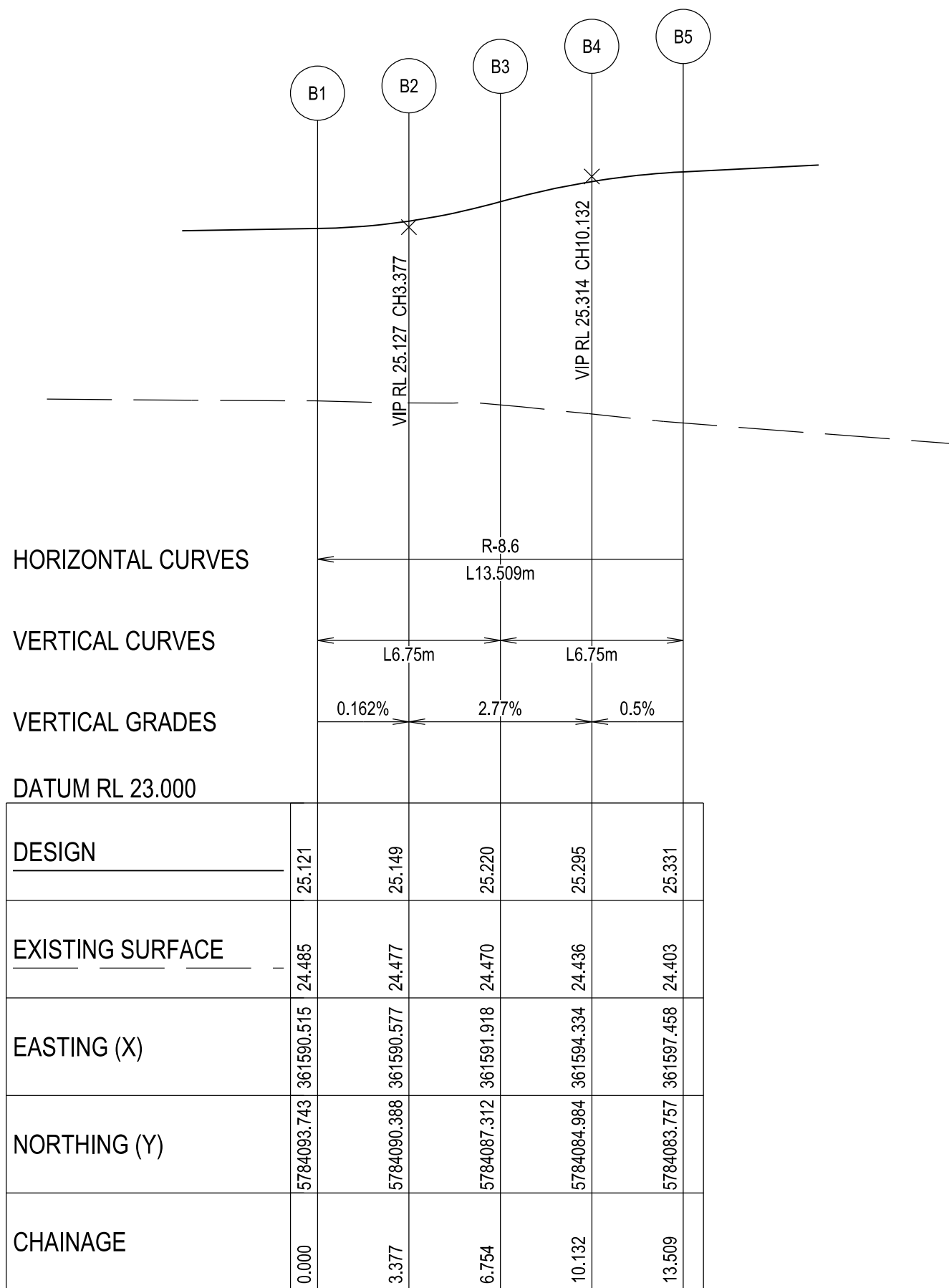
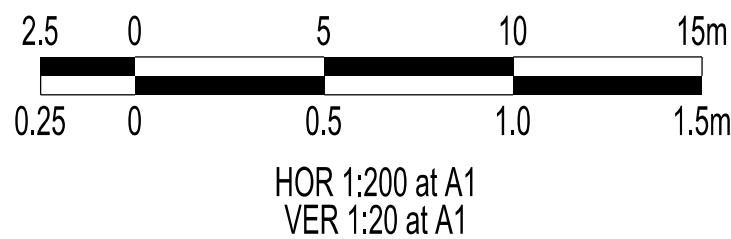


LEGEND



KERB A - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20



KERB B - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20

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H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

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DRAWN: C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
DESIGNED: R.COLMAN	DATE: JUN 2024	DATE PRINTED: 13/02/2025
AUTHORISED: R.BREWSTER	DATE: JUN 2024	



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COUNCIL:
CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
INTERSECTION DETAIL & KERB LONGITUDINAL SECTIONS - SHEET 1

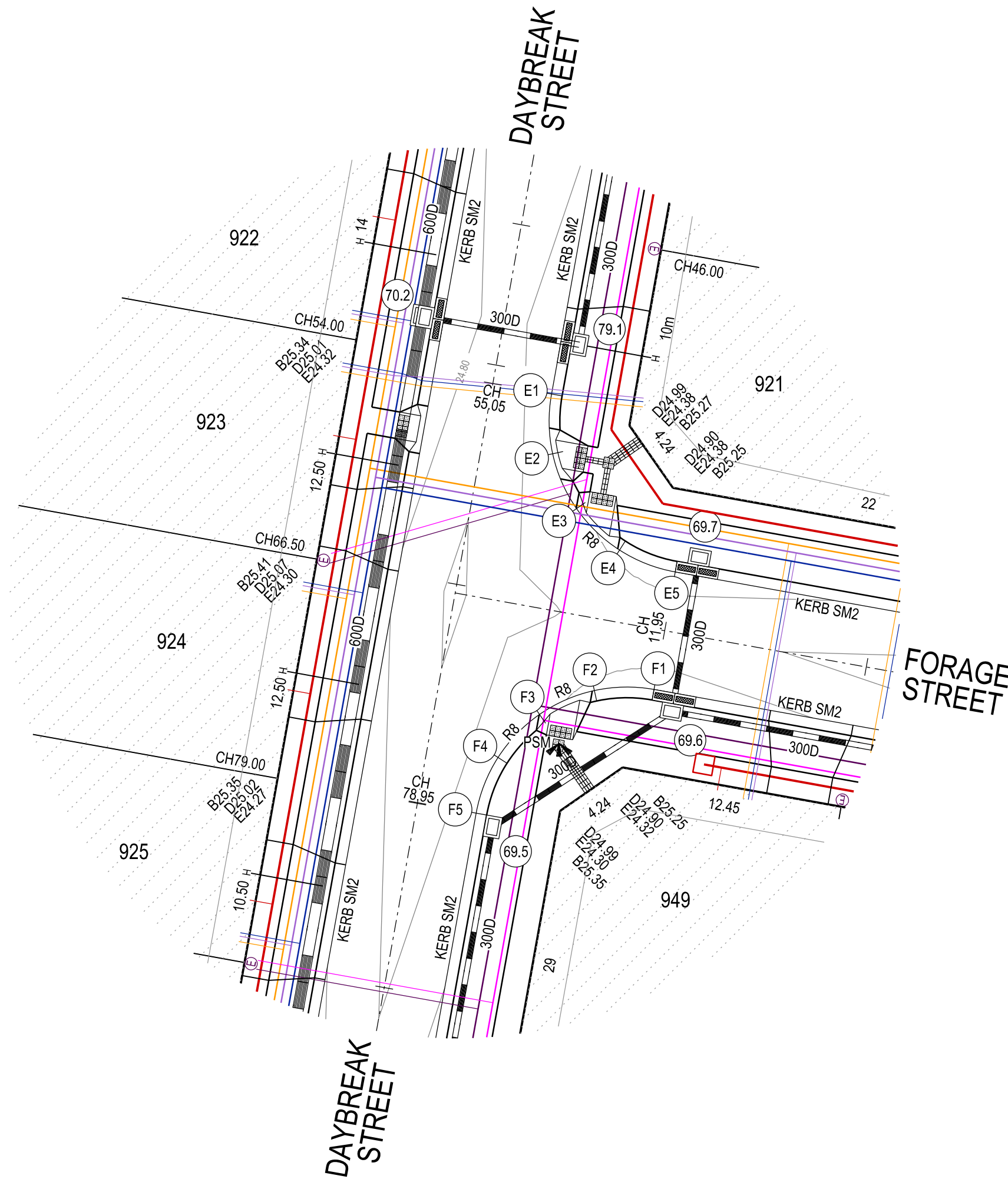
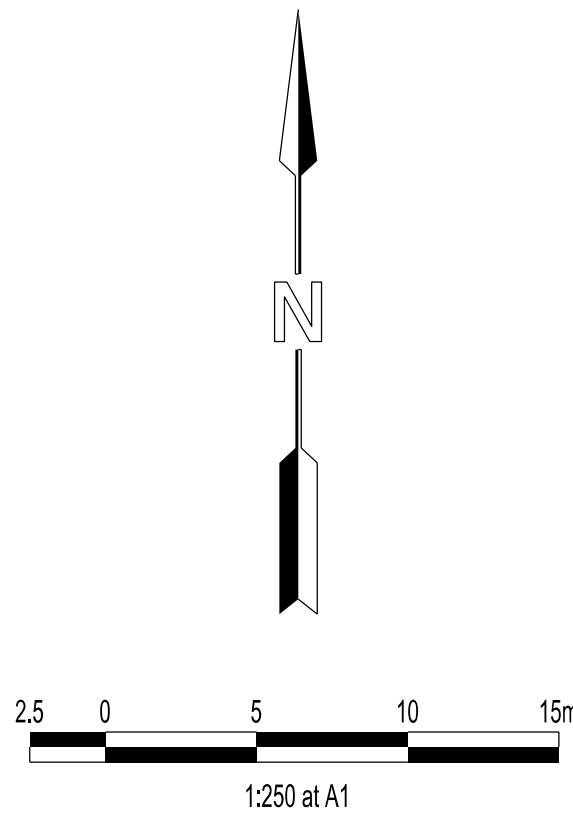
DRG NO. 1470-9/R06	REV. H	SHEET 06 OF 34
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WARNING
BEWARE OF UNDERGROUND SERVICES

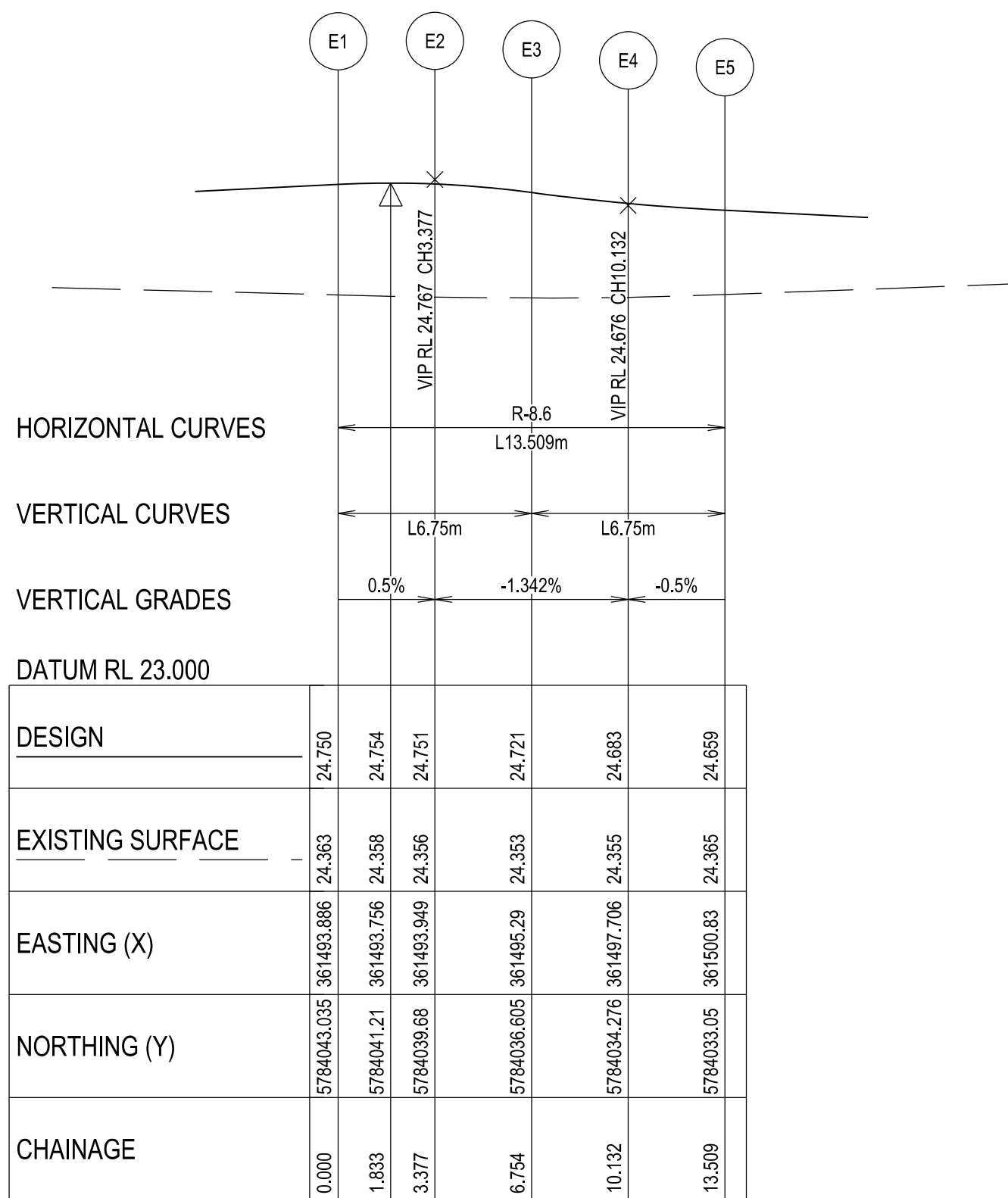
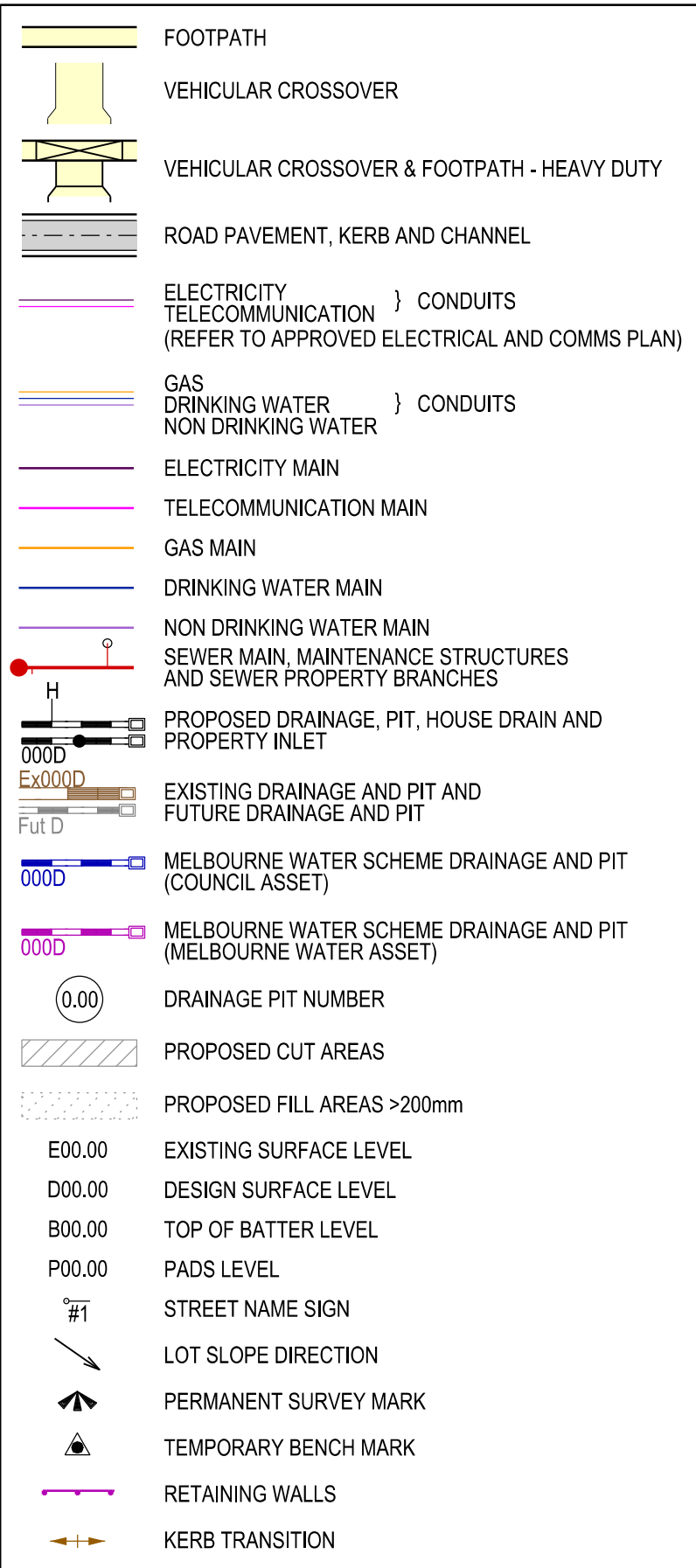
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.



Major Cables exist in the area, if your activities are within Telstra encroachment distances (see duty of care) contact 03 9632 9961 at least 2 business days before starting activity.

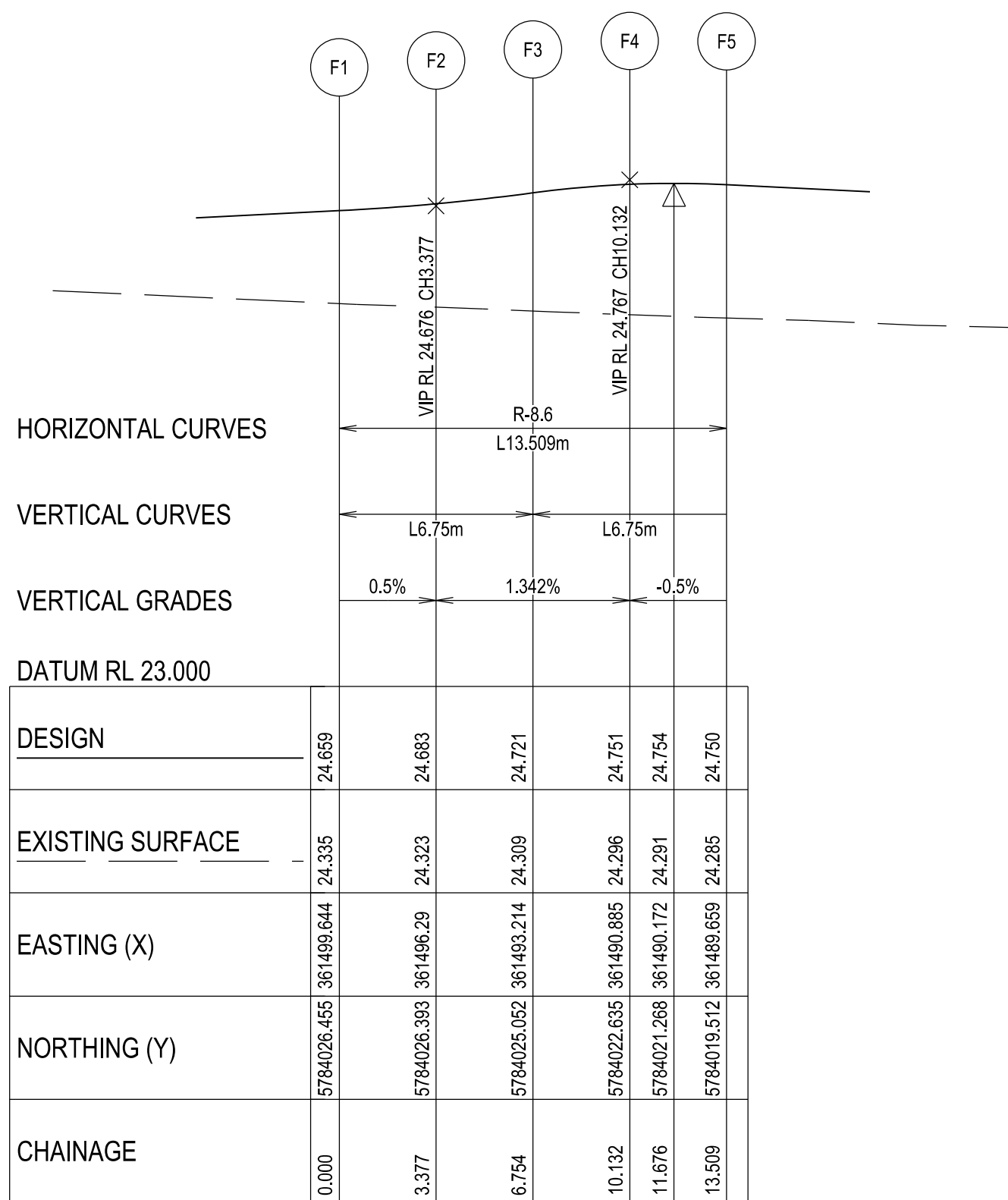
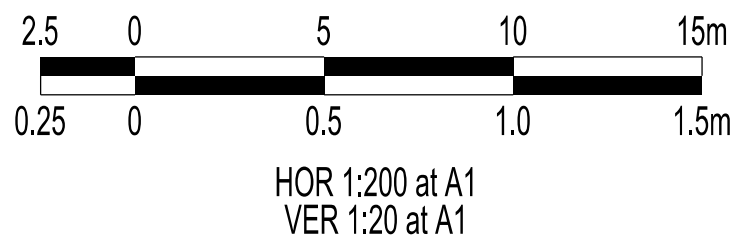


LEGEND



KERB E - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20



KERB F - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20

VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\E\2 - Design\6 - DGN\1470-9_R07.dgn

DRAWN:	C.BAXTER	DATE:	JUN 2024	SCALE:	AS SHOWN
DESIGNED:	R.COLMAN	DATE:	JUN 2024	DATE PRINTED:	13/02/2025
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BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
INTERSECTION DETAIL & KERB LONGITUDINAL SECTIONS - SHEET 2

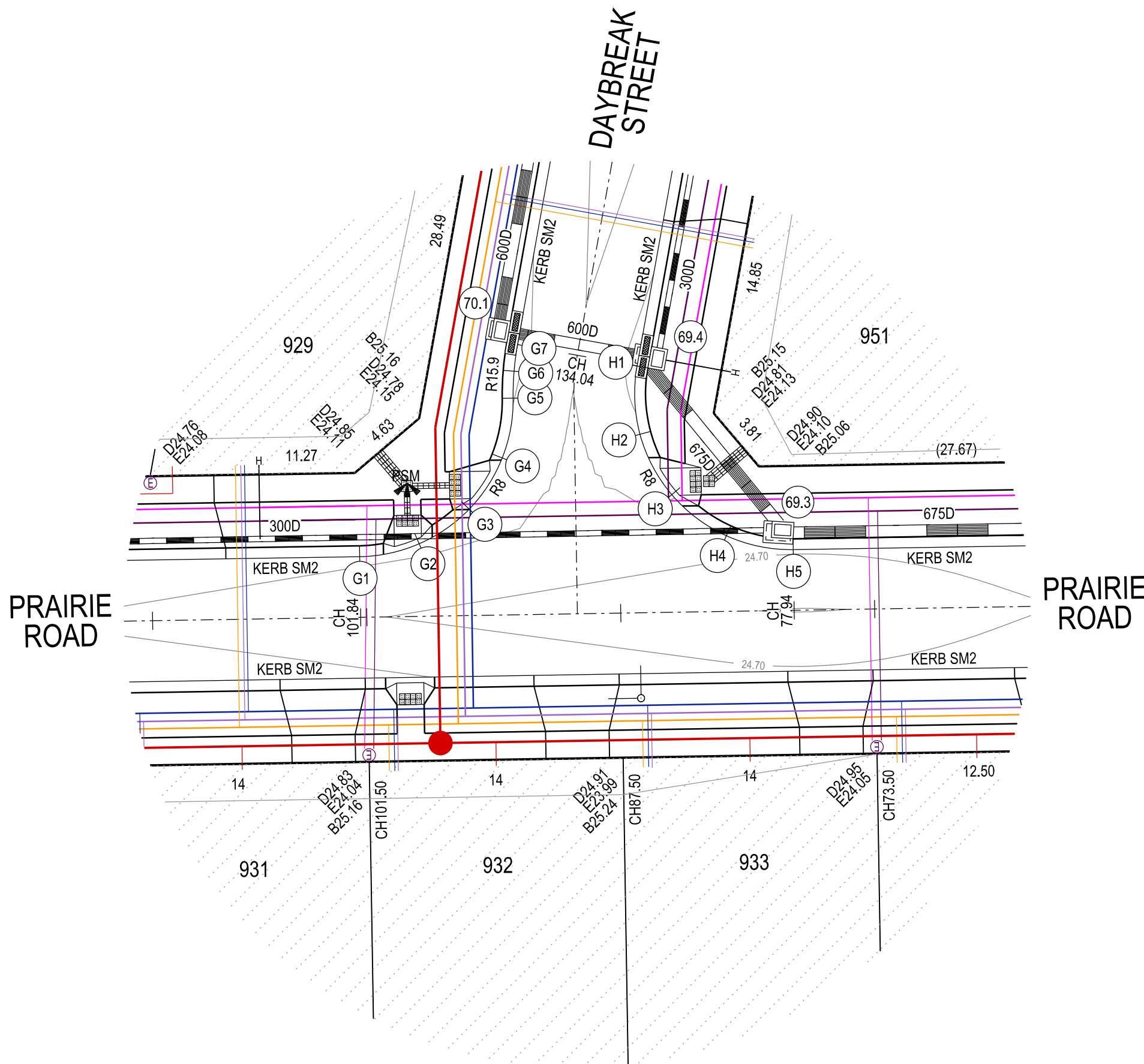
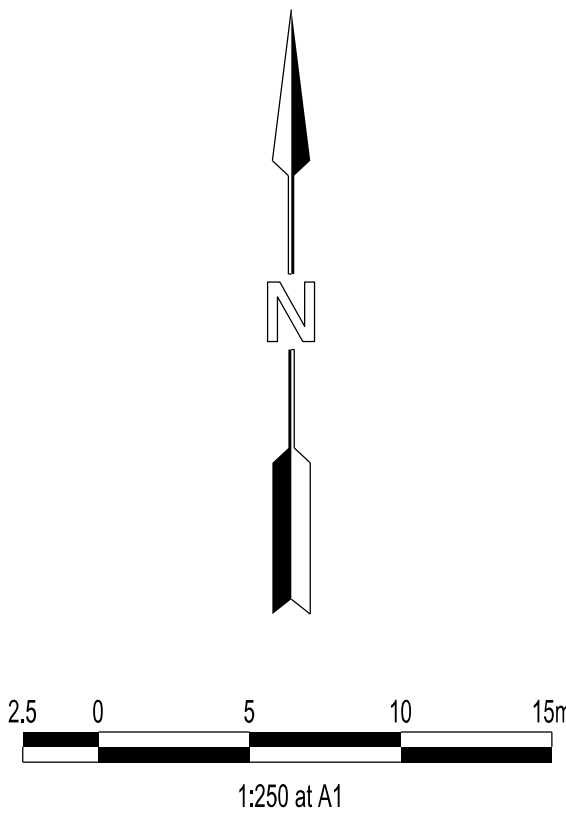
DRG NO. 1470-9/R07	REV. H	SHEET 07 OF 34
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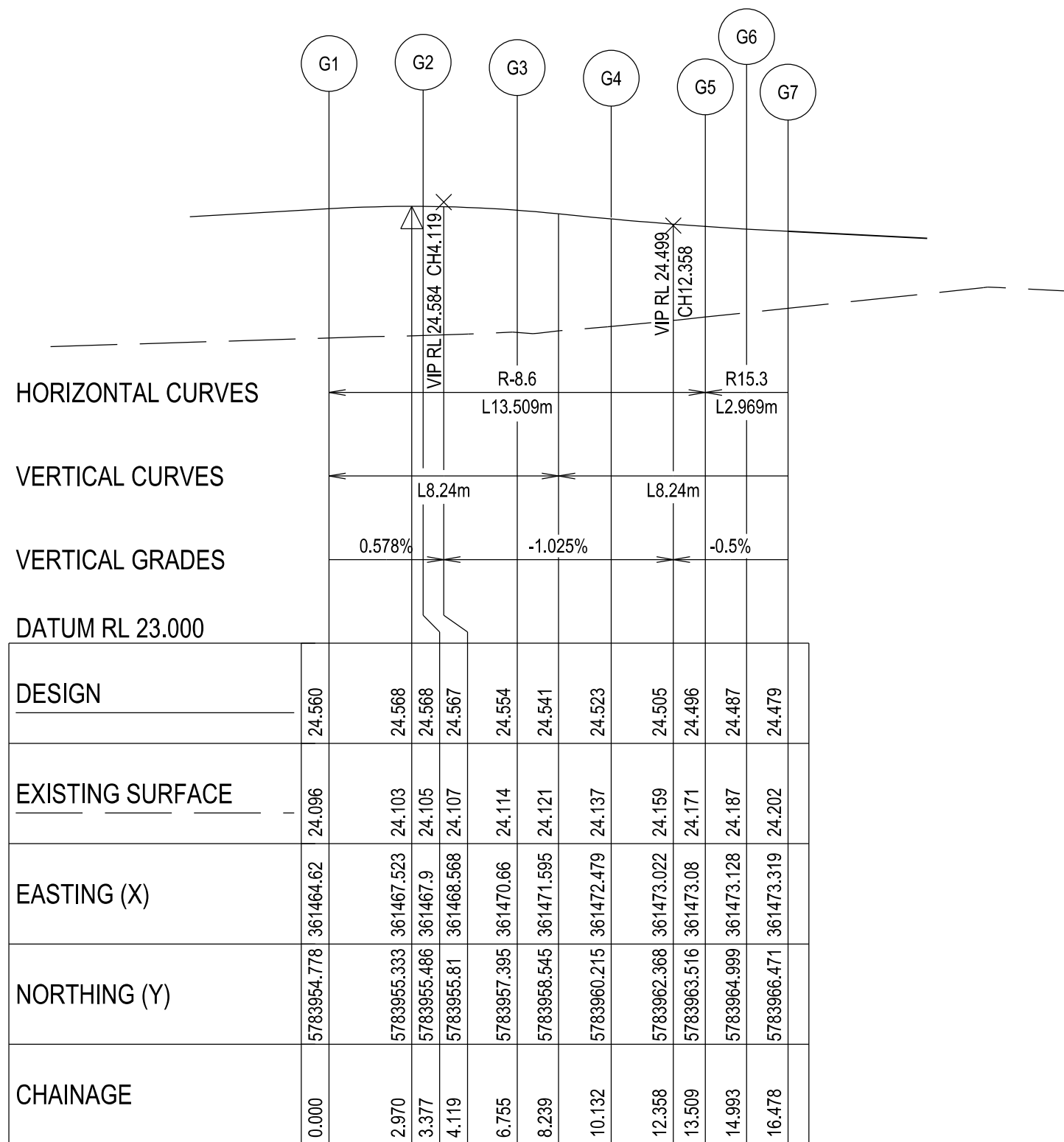


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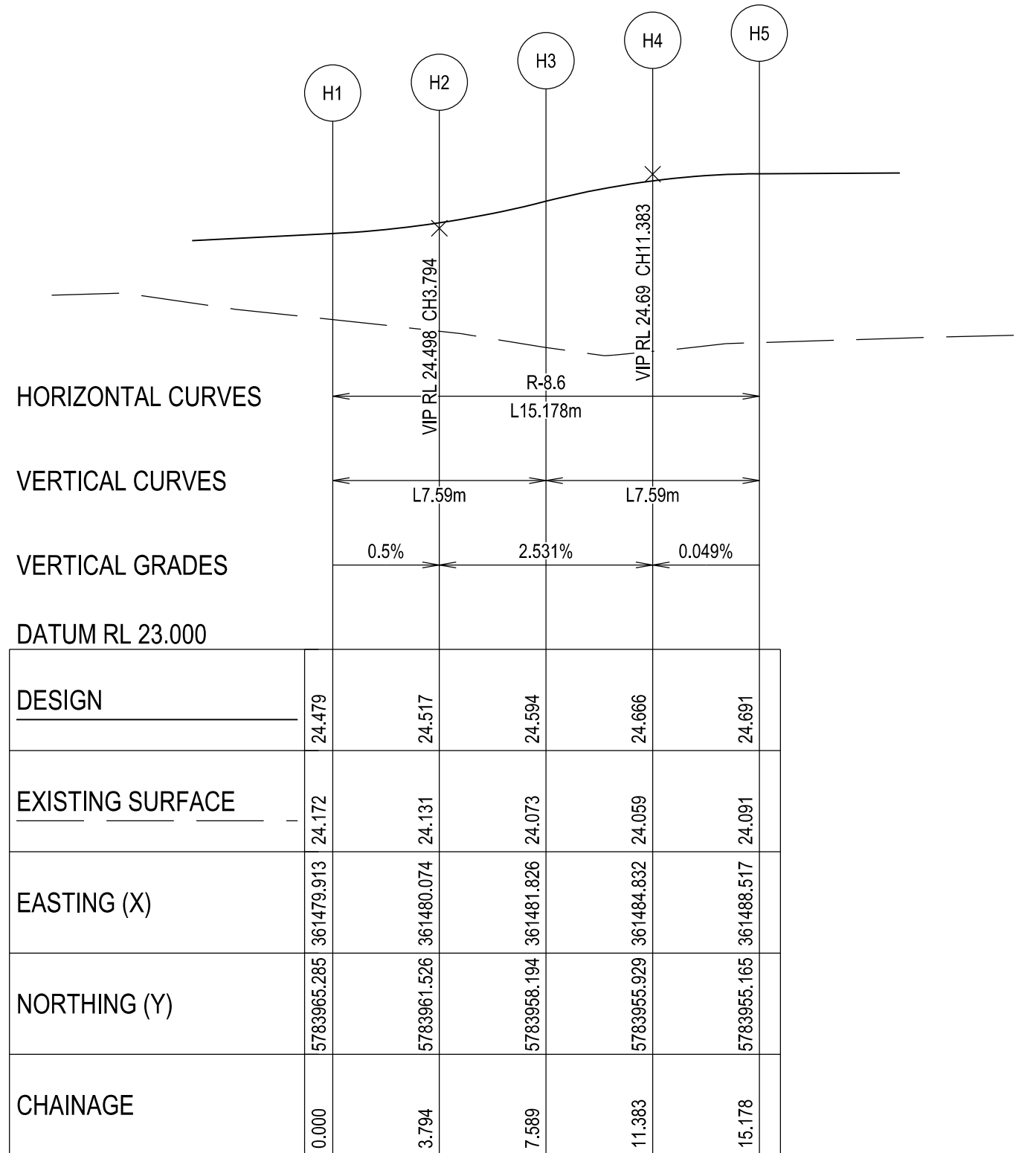
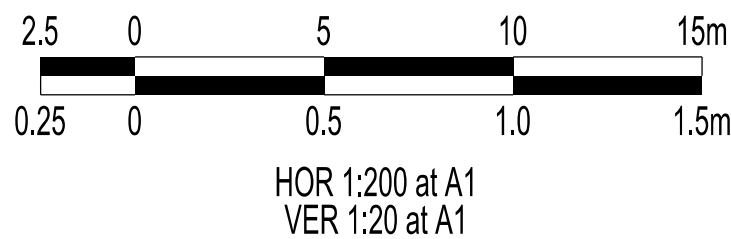
LEGEND

- FOOTPATH
- VEHICULAR CROSSOVER
- VEHICULAR CROSSOVER & FOOTPATH - HEAVY DUTY
- ROAD PAVEMENT, KERB AND CHANNEL
- ELECTRICITY TELECOMMUNICATION } CONDUITS (REFER TO APPROVED ELECTRICAL AND COMMS PLAN)
- GAS DRINKING WATER NON DRINKING WATER } CONDUITS
- ELECTRICITY MAIN
- TELECOMMUNICATION MAIN
- GAS MAIN
- DRINKING WATER MAIN
- NON DRINKING WATER MAIN
- SEWER MAIN, MAINTENANCE STRUCTURES AND SEWER PROPERTY BRANCHES
- PROPOSED DRAINAGE, PIT, HOUSE DRAIN AND PROPERTY INLET
- EXISTING DRAINAGE AND PIT AND FUTURE DRAINAGE AND PIT
- MELBOURNE WATER SCHEME DRAINAGE AND PIT (COUNCIL ASSET)
- MELBOURNE WATER SCHEME DRAINAGE AND PIT (MELBOURNE WATER ASSET)
- DRAINAGE PIT NUMBER
- PROPOSED CUT AREAS
- PROPOSED FILL AREAS >200mm
- E00.00 EXISTING SURFACE LEVEL
- D00.00 DESIGN SURFACE LEVEL
- B00.00 TOP OF BATTER LEVEL
- P00.00 PADS LEVEL
- #1 STREET NAME SIGN
- LOT SLOPE DIRECTION
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- RETAINING WALLS
- KERB TRANSITION



KERB G - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20



KERB H - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20

VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\1470-9\1470-9_R08.dgn

DRAWN:	C.BAXTER	DATE:	JUN 2024	SCALE:	AS SHOWN
DESIGNED:	R.COLMAN	DATE:	JUN 2024	DATE PRINTED:	13/02/2025
AUTHORISED:	R.BREWSTER	DATE:	JUN 2024		



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100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
INTERSECTION DETAIL & KERB LONGITUDINAL SECTIONS - SHEET 3

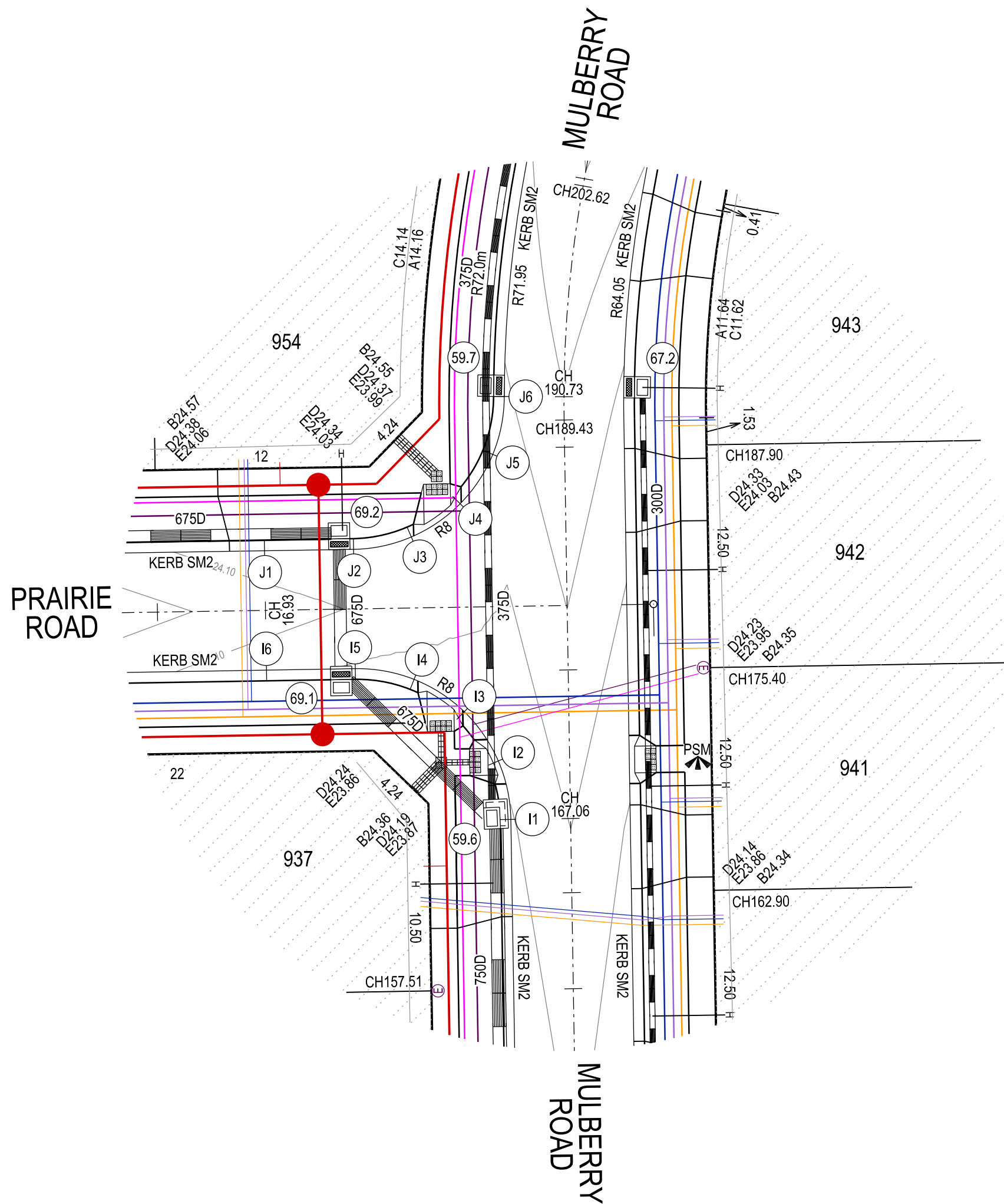
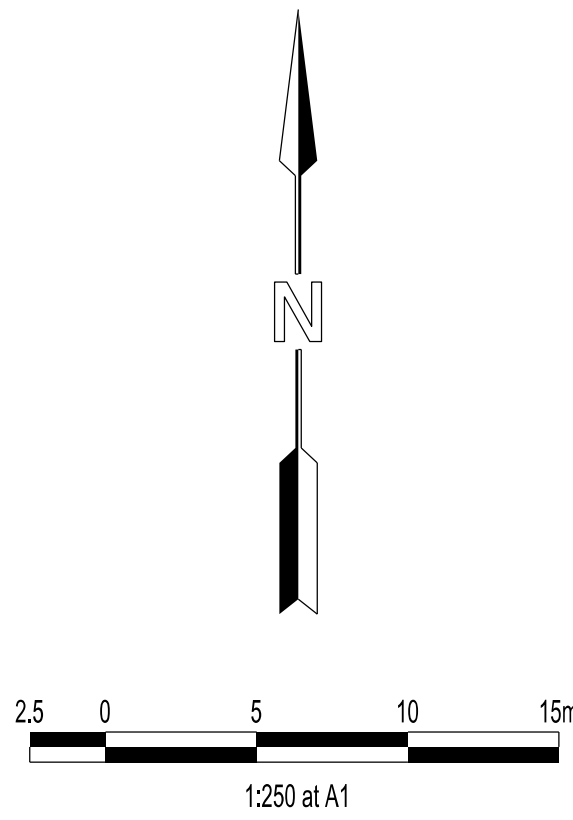
DRG NO. 1470-9/R08	REV. H	SHEET 08 OF 34
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WARNING
BEWARE OF UNDERGROUND SERVICES

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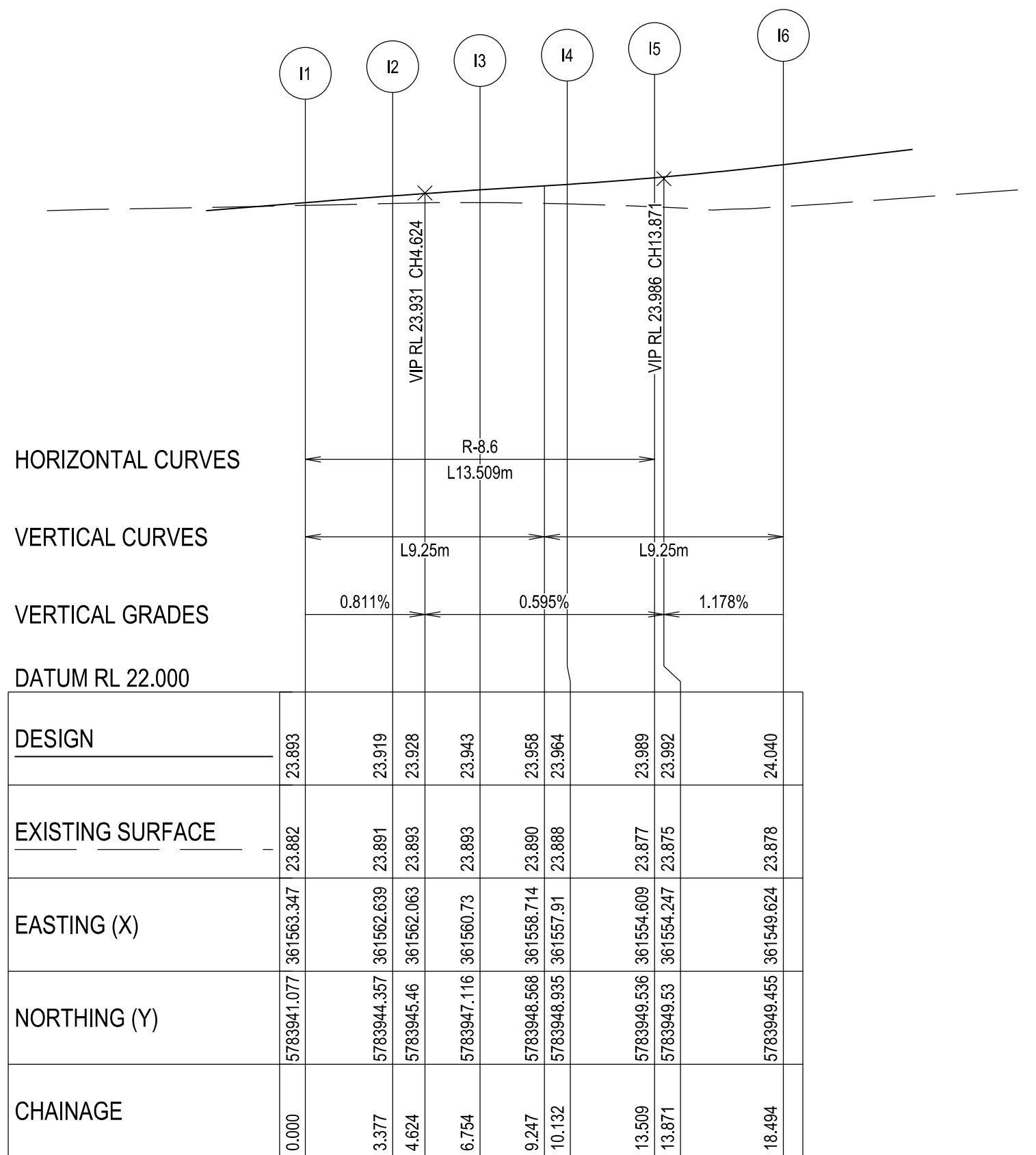


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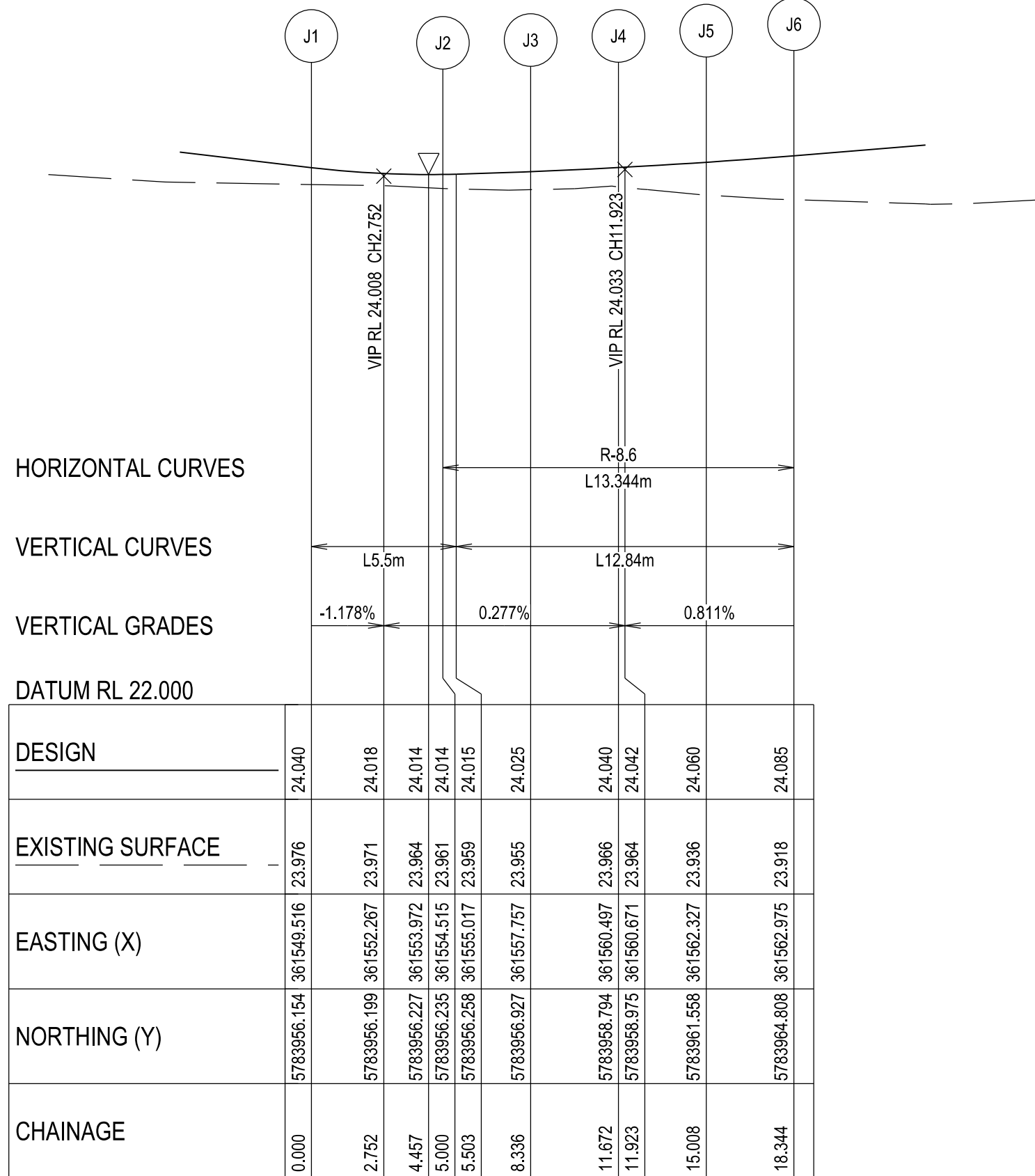
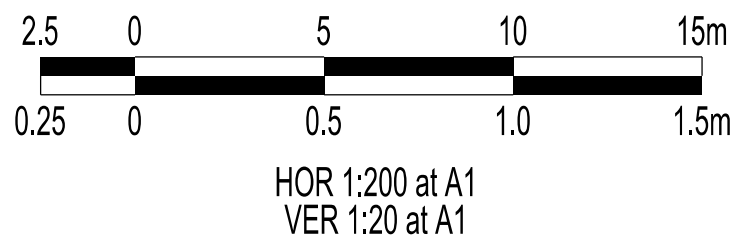


LEGEND

- FOOTPATH
- VEHICULAR CROSSOVER
- VEHICULAR CROSSOVER & FOOTPATH - HEAVY DUTY
- ROAD PAVEMENT, KERB AND CHANNEL
- ELECTRICITY TELECOMMUNICATION } CONDUITS (REFER TO APPROVED ELECTRICAL AND COMMS PLAN)
- GAS DRINKING WATER NON DRINKING WATER } CONDUITS
- ELECTRICITY MAIN
- TELECOMMUNICATION MAIN
- GAS MAIN
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- SEWER MAIN, MAINTENANCE STRUCTURES AND SEWER PROPERTY BRANCHES
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- DRAINAGE PIT NUMBER
- PROPOSED CUT AREAS
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- D00.00 DESIGN SURFACE LEVEL
- B00.00 TOP OF BATTER LEVEL
- P00.00 PADS LEVEL
- #1 STREET NAME SIGN
- LOT SLOPE DIRECTION
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- RETAINING WALLS
- KERB TRANSITION



KERB I - LONGITUDINAL SECTION
A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20



KERB J - LONGITUDINAL SECTION
A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20

VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
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F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\1470-9_R09.dgn

DRAWN: C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
DESIGNED: R.COLMAN	DATE: JUN 2024	DATE PRINTED: 13/02/2025
AUTHORISED: R.BREWSTER	DATE: JUN 2024	



COUNCIL:
CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
INTERSECTION DETAIL & KERB LONGITUDINAL SECTIONS - SHEET 4

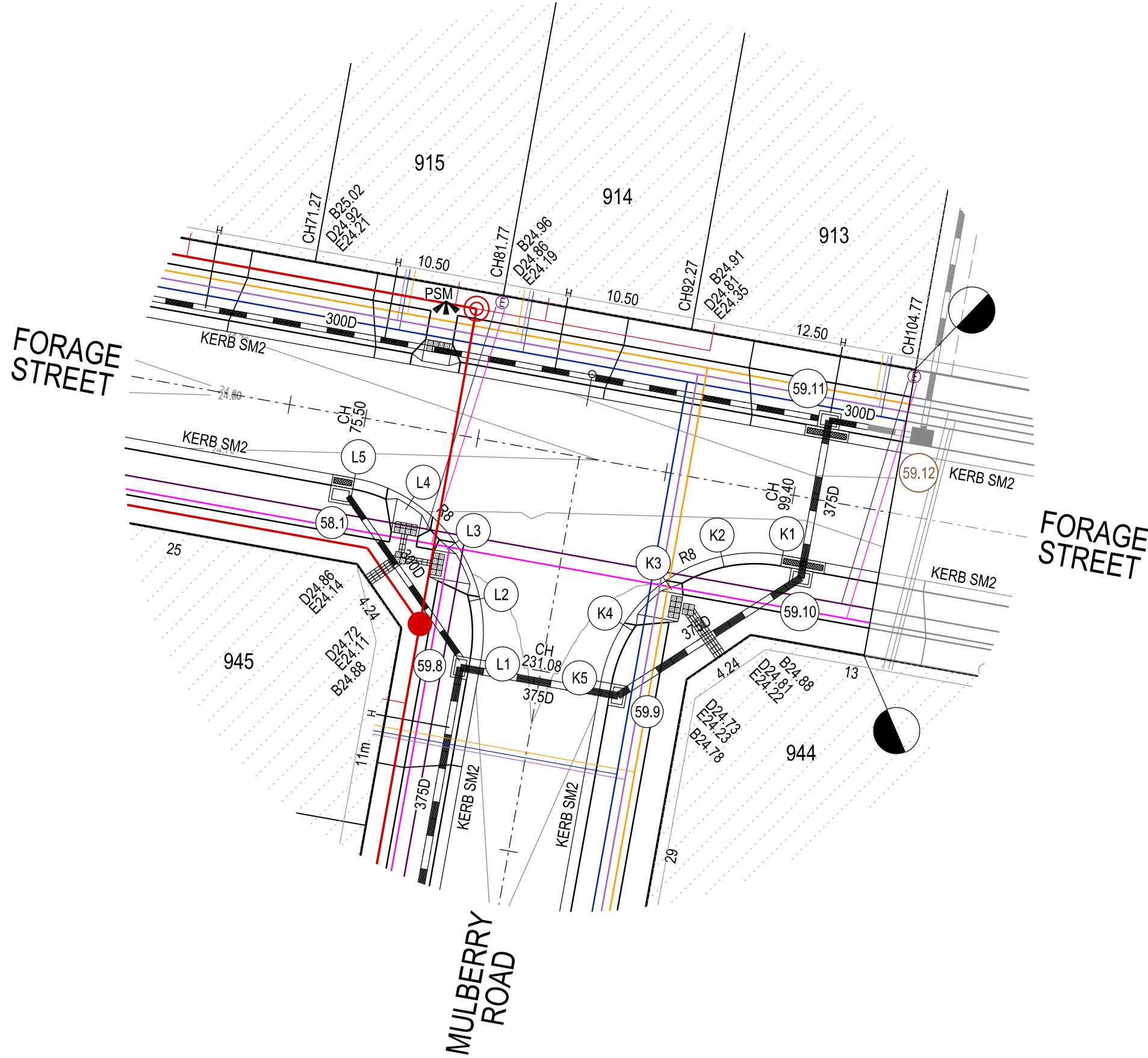
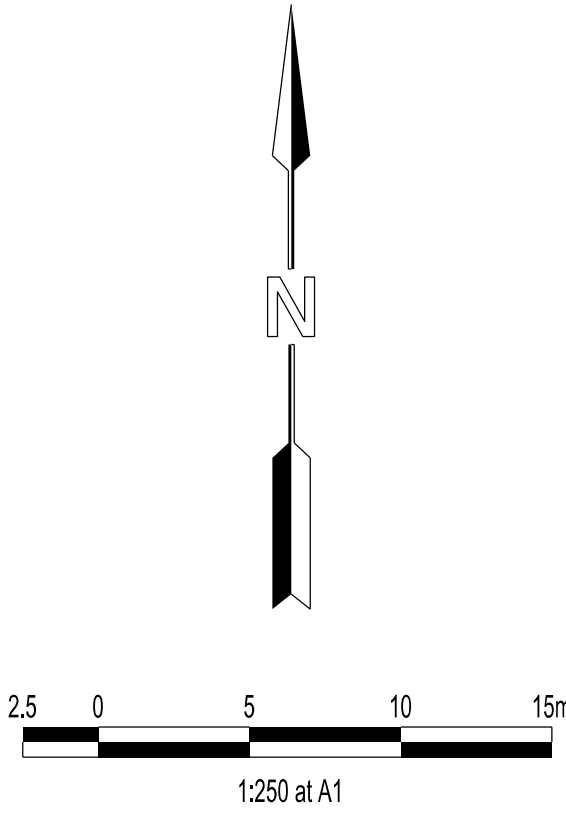
DRG NO. 1470-9/R09	REV. H	SHEET 09 OF 34
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BEWARE OF UNDERGROUND SERVICES

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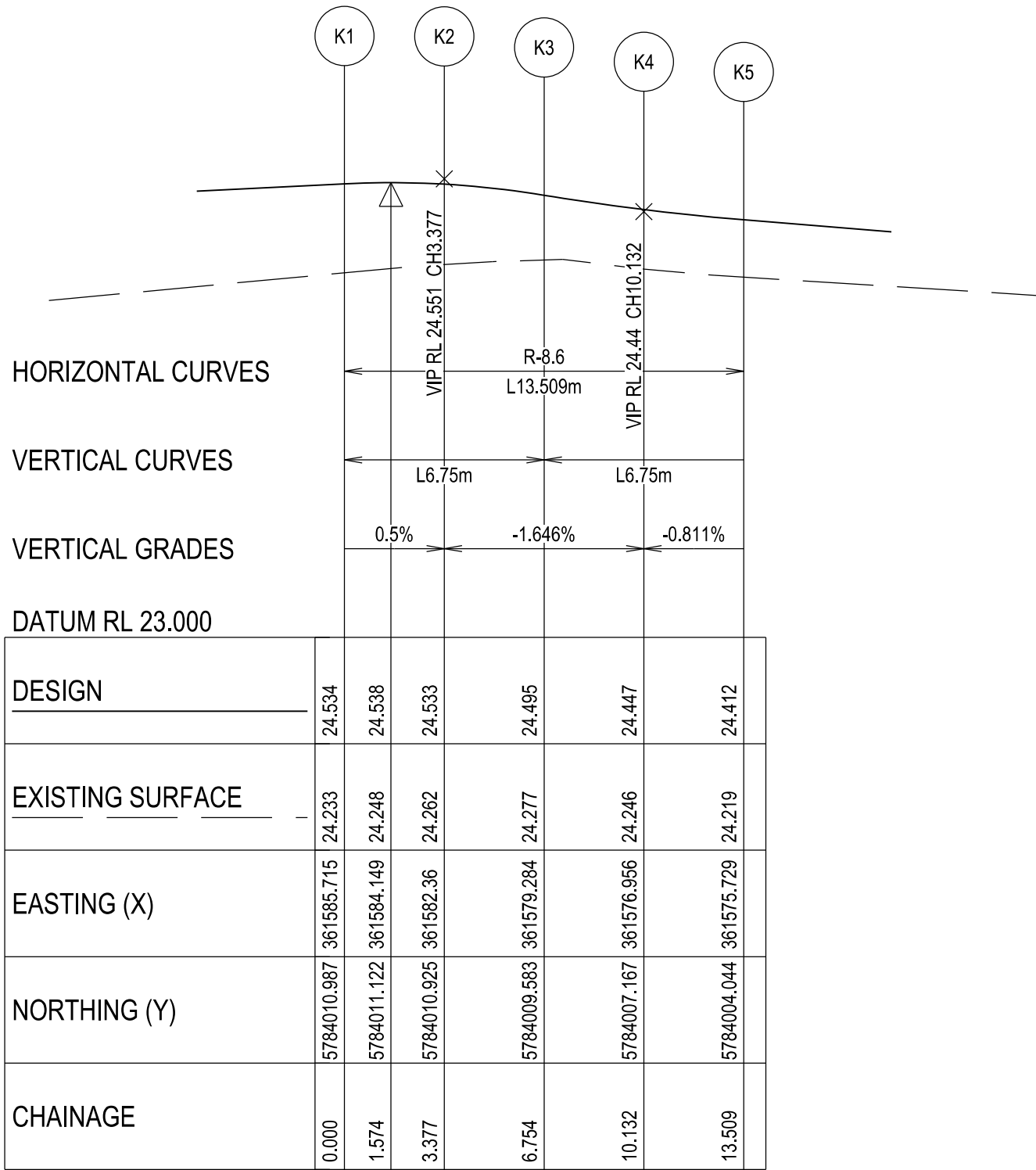


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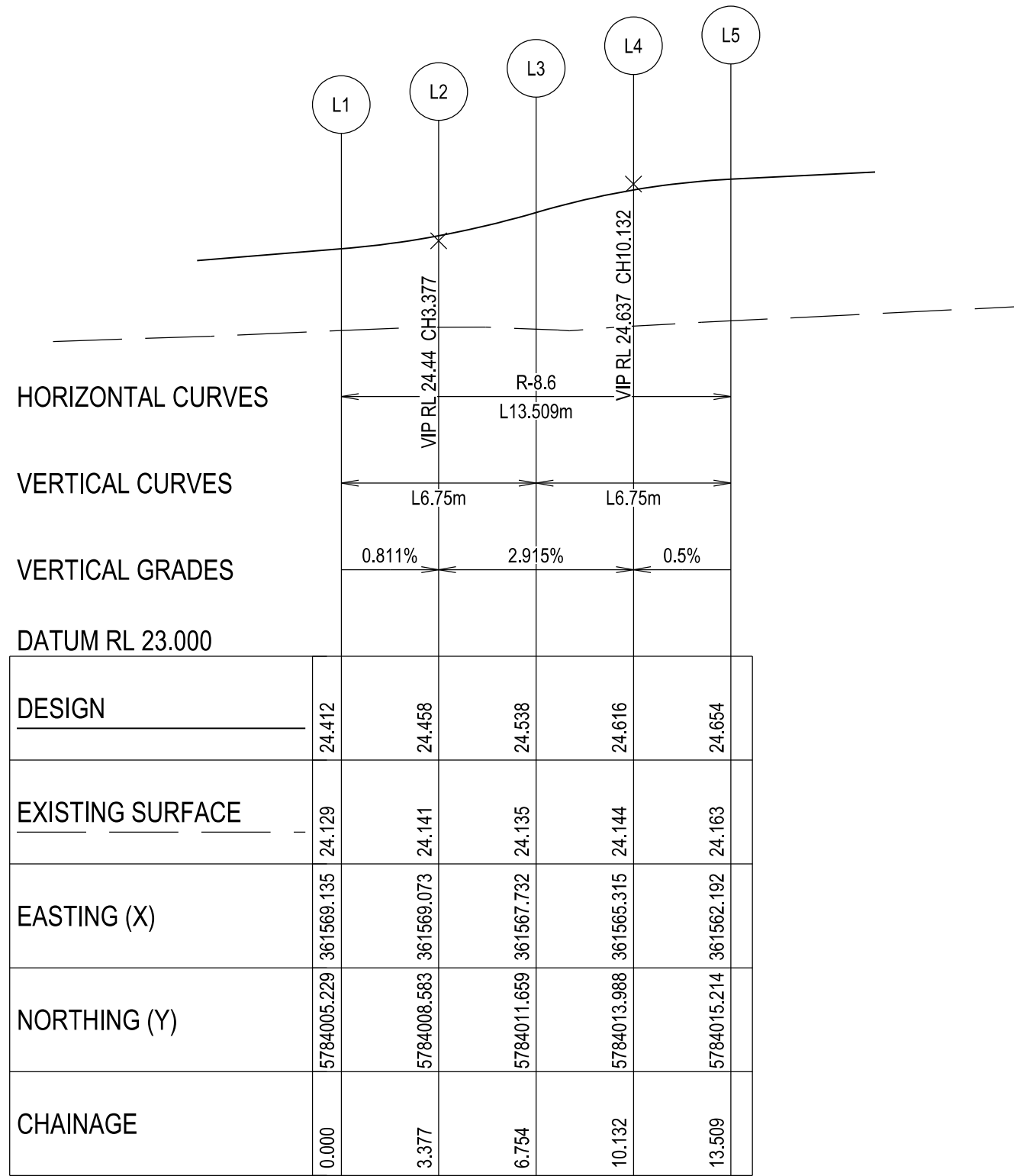
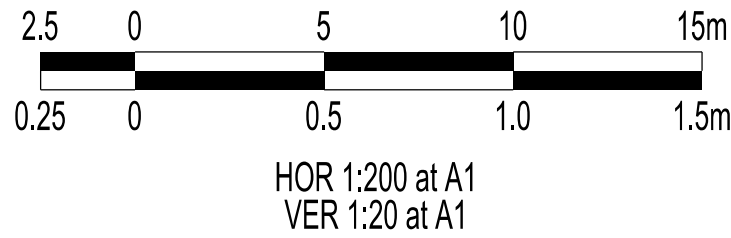


LEGEND

	FOOTPATH
	VEHICULAR CROSSOVER
	VEHICULAR CROSSOVER & FOOTPATH - HEAVY DUTY
	ROAD PAVEMENT, KERB AND CHANNEL
	ELECTRICITY/TELECOMMUNICATION } CONDUITS (REFER TO APPROVED ELECTRICAL AND COMMS PLAN)
	GAS/DRINKING WATER/ NON DRINKING WATER } CONDUITS
	ELECTRICITY MAIN
	TELECOMMUNICATION MAIN
	GAS MAIN
	DRINKING WATER MAIN
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	SEWER MAIN, MAINTENANCE STRUCTURES AND SEWER PROPERTY BRANCHES
	PROPOSED DRAINAGE, PIT, HOUSE DRAIN AND PROPERTY INLET
	EXISTING DRAINAGE AND PIT AND FUTURE DRAINAGE AND PIT
	MELBOURNE WATER SCHEME DRAINAGE AND PIT (COUNCIL ASSET)
	MELBOURNE WATER SCHEME DRAINAGE AND PIT (MELBOURNE WATER ASSET)
	DRAINAGE PIT NUMBER
	PROPOSED CUT AREAS
	PROPOSED FILL AREAS >200mm
	E00.00 EXISTING SURFACE LEVEL
	D00.00 DESIGN SURFACE LEVEL
	B00.00 TOP OF BATTER LEVEL
	P00.00 PADS LEVEL
	STREET NAME SIGN
	LOT SLOPE DIRECTION
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	RETAINING WALLS
	KERB TRANSITION



KERB K - LONGITUDINAL SECTION
A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20



KERB L - LONGITUDINAL SECTION
A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20

VERSION DETAILS:

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B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
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F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\IE2 - Design\6 - DGN\1470-9_R10.dgn

DRAWN: C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
DESIGNED: R.COLMAN	DATE: JUN 2024	DATE PRINTED: 13/02/2025
AUTHORISED: R.BREWSTER	DATE: JUN 2024	

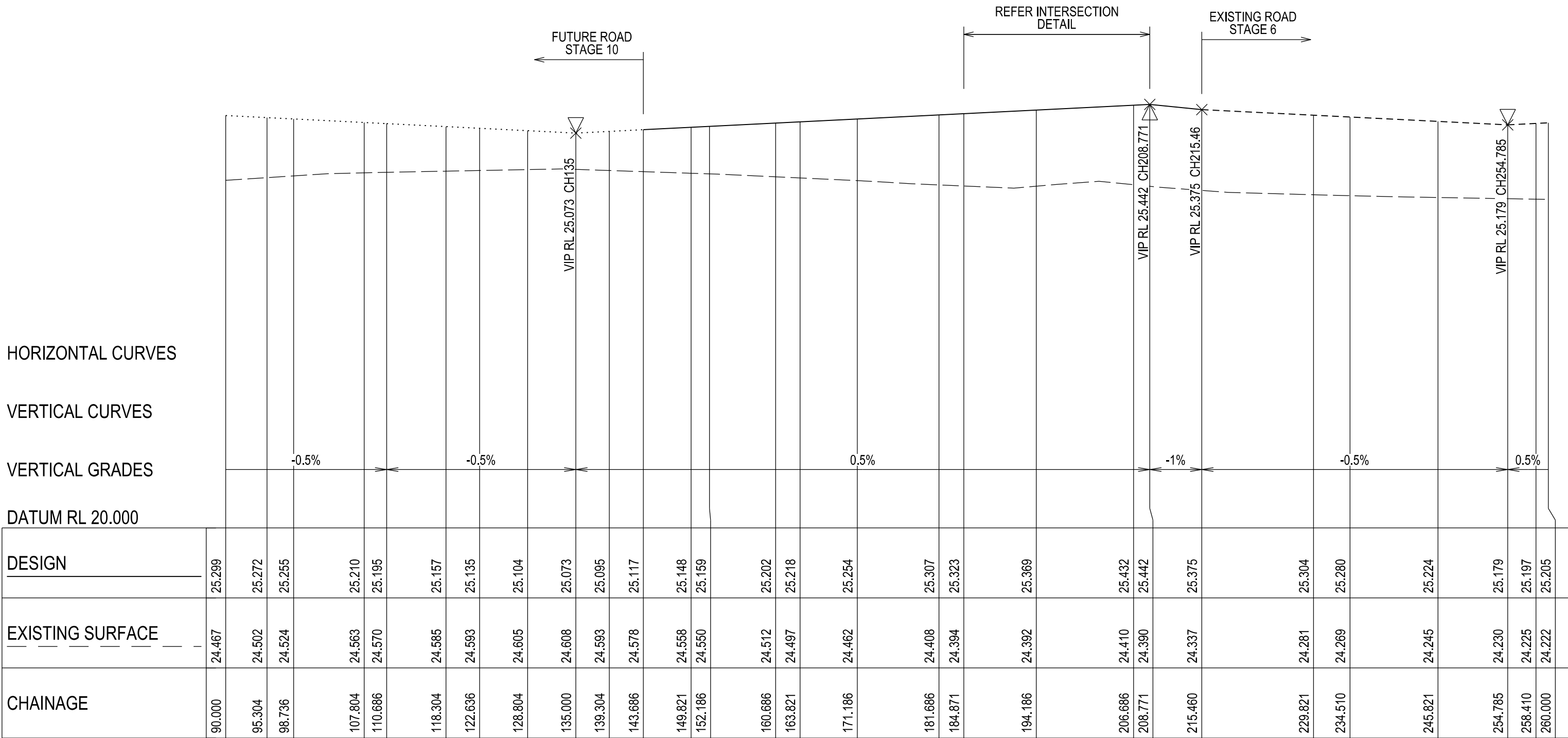
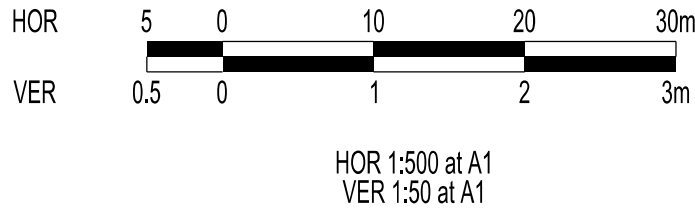


SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
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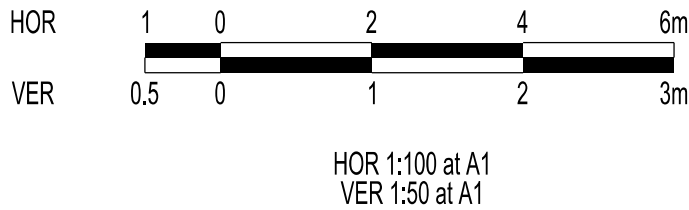
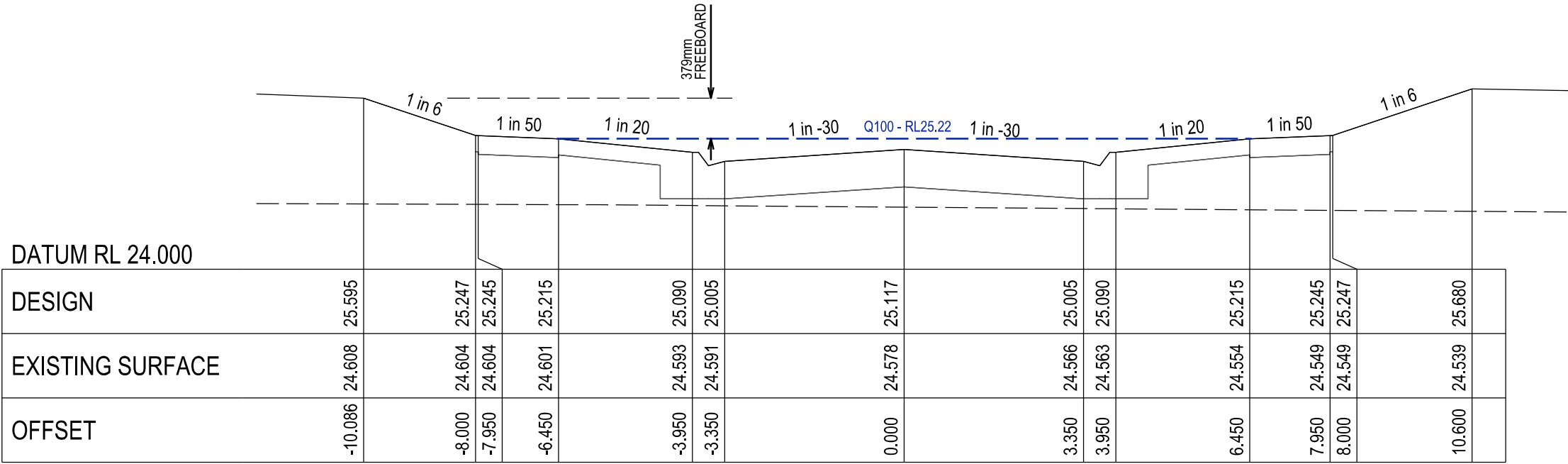
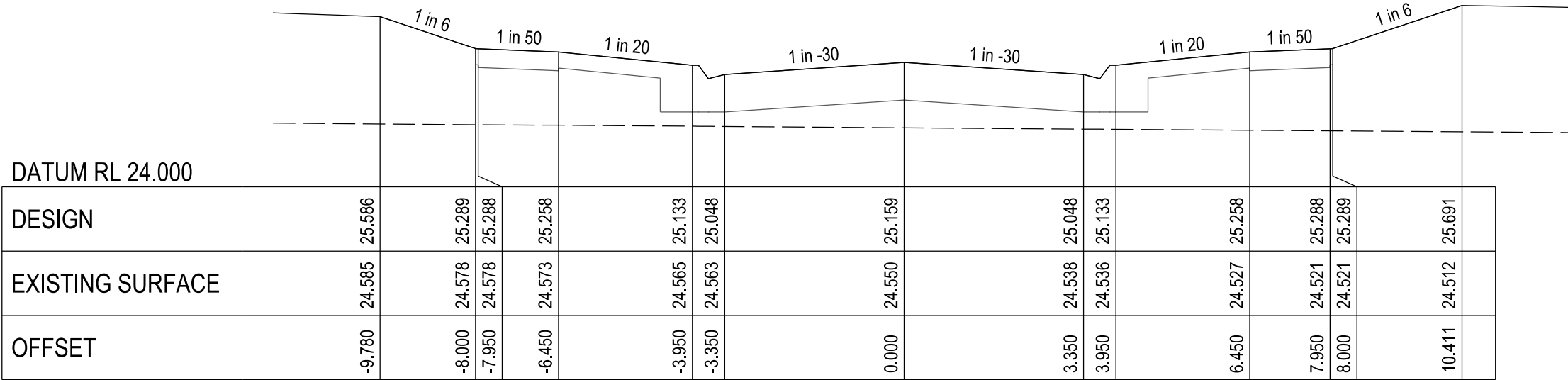
COUNCIL:
CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
INTERSECTION DETAIL & KERB LONGITUDINAL SECTIONS - SHEET 5

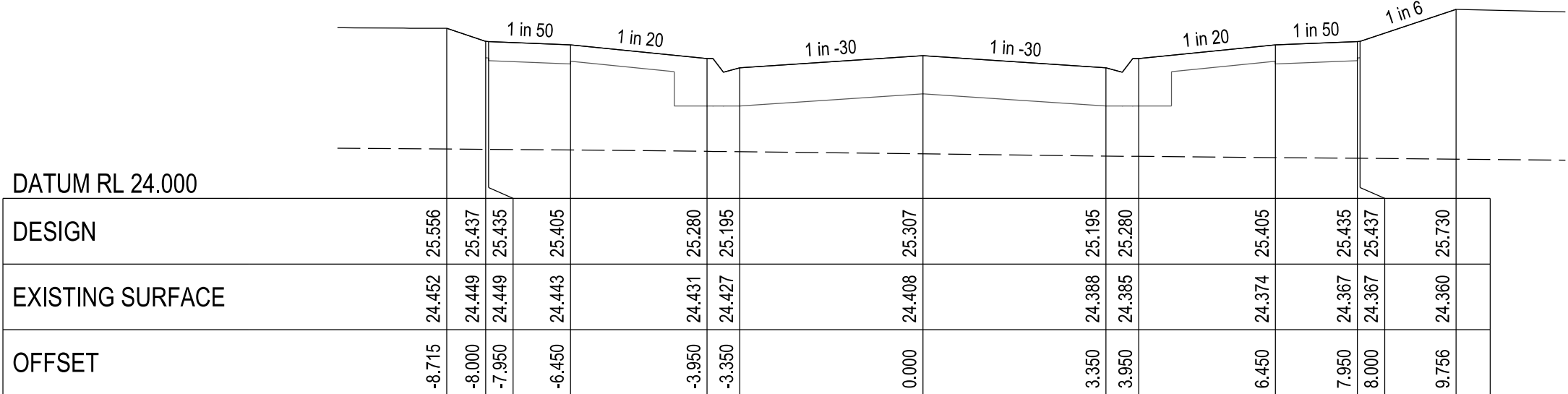
DRG NO. 1470-9/R10	REV. H	SHEET 10 OF 34
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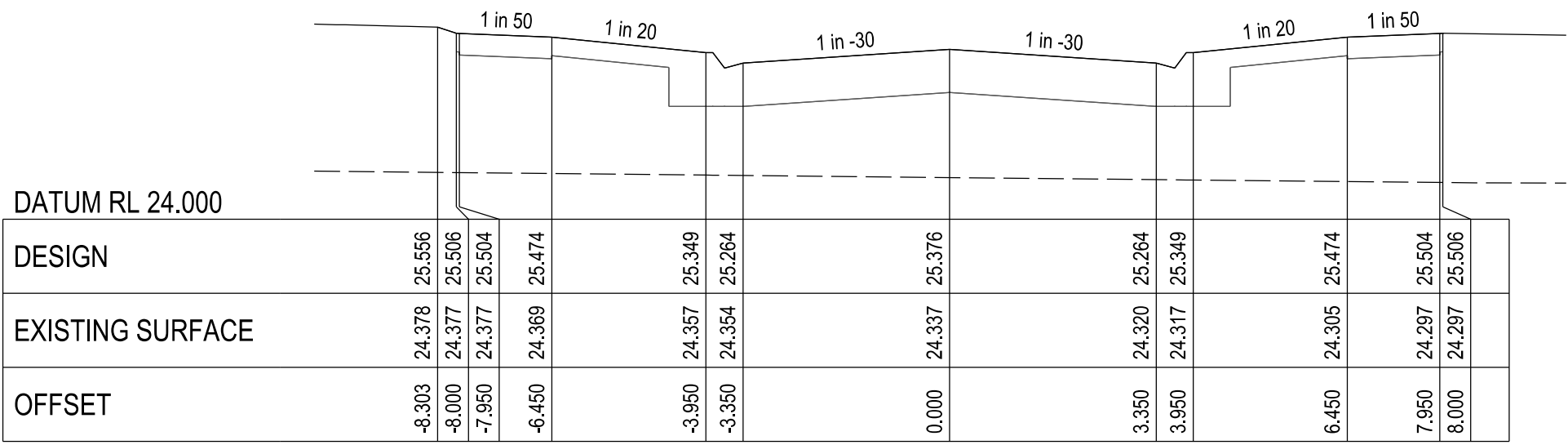
TUSSOCK WAY - LONGITUDINAL SECTION
A1 HORZ SCALE 1:500
A1 VERT SCALE 1:50



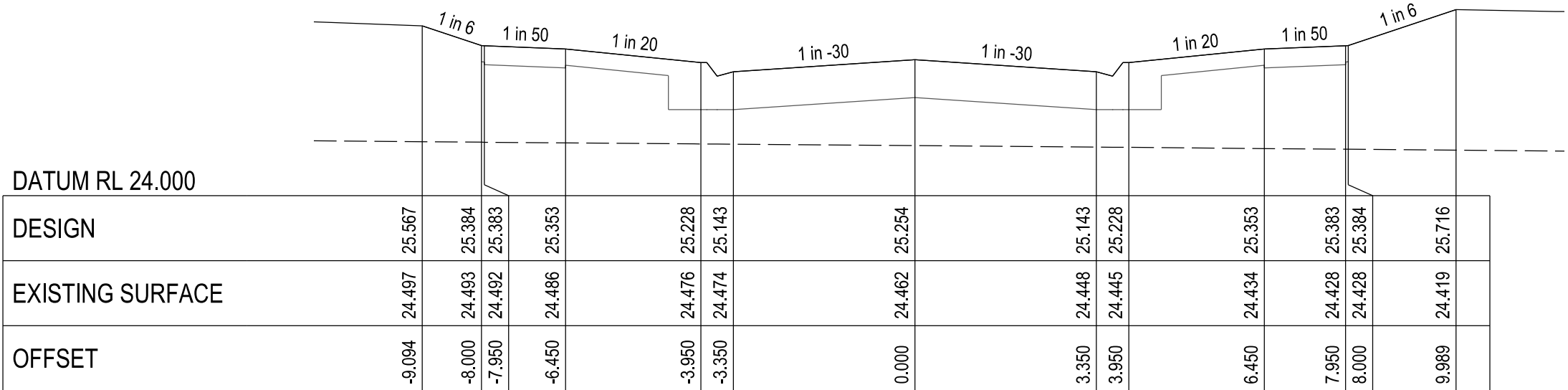
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REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
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G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC
FILENAME: P:\1470\1470_9\E\2 - Design\6 - DGN\1470-9_R11.dgn			
DRAWN:	C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
DESIGNED:	R.COLMAN	DATE: JUN 2024	DATE PRINTED: 13/02/2025
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COUNCIL: CARDINIA SHIRE COUNCIL			
TITLE: 100 LECKY ROAD PTY LTD BANYAN ESTATE - STAGE 9 70-100 LECKY ROAD, OFFICER ROAD AND DRAINAGE PLANS TUSSOCK WAY LONGITUDINAL & CROSS SECTIONS -SHEET 1			
DRG NO. 1470-9/R11		REV. H	SHEET 11 OF 34



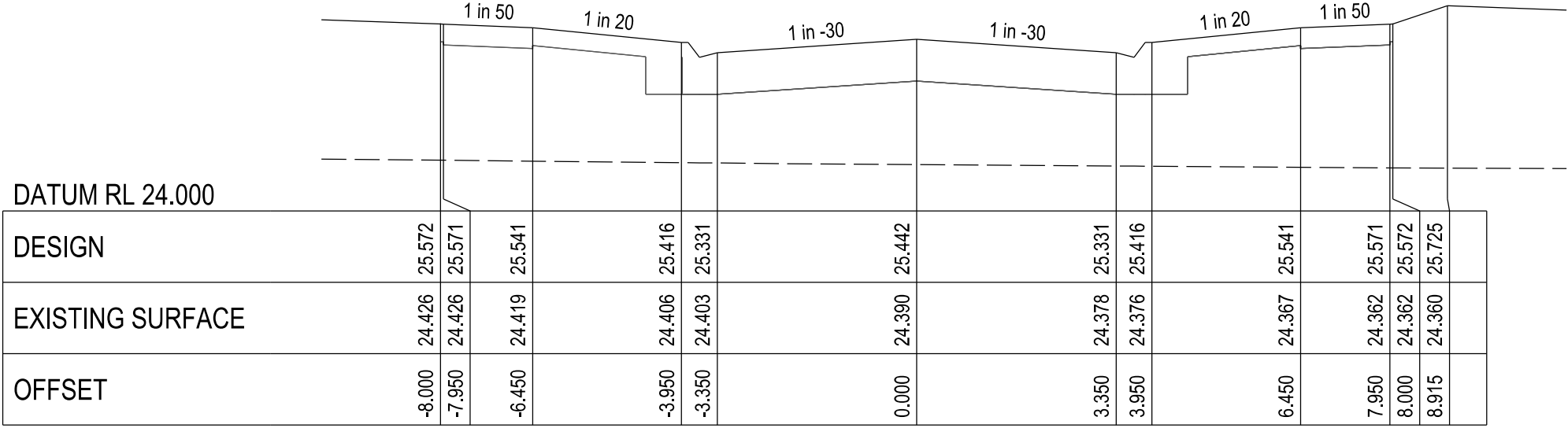
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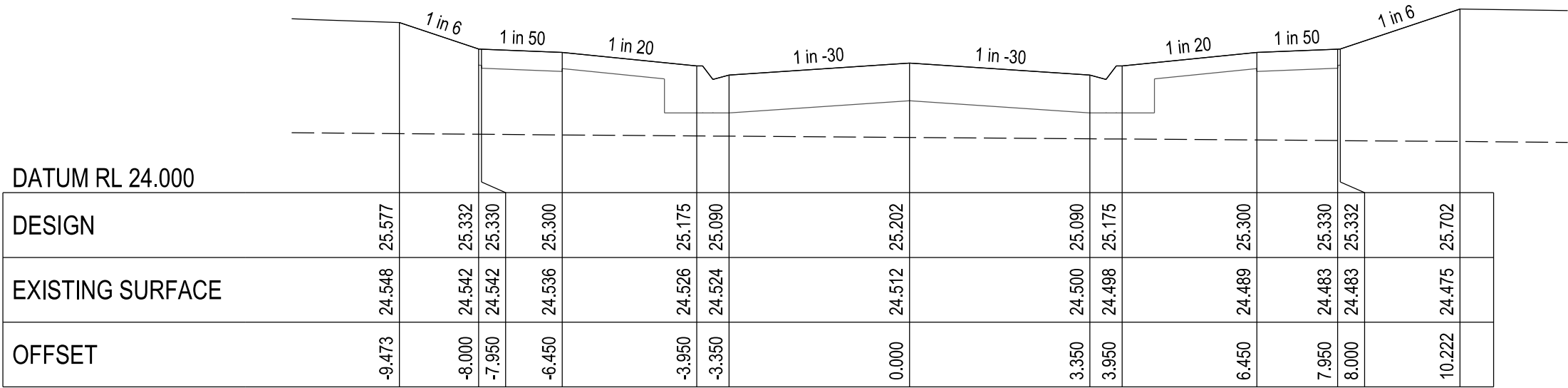
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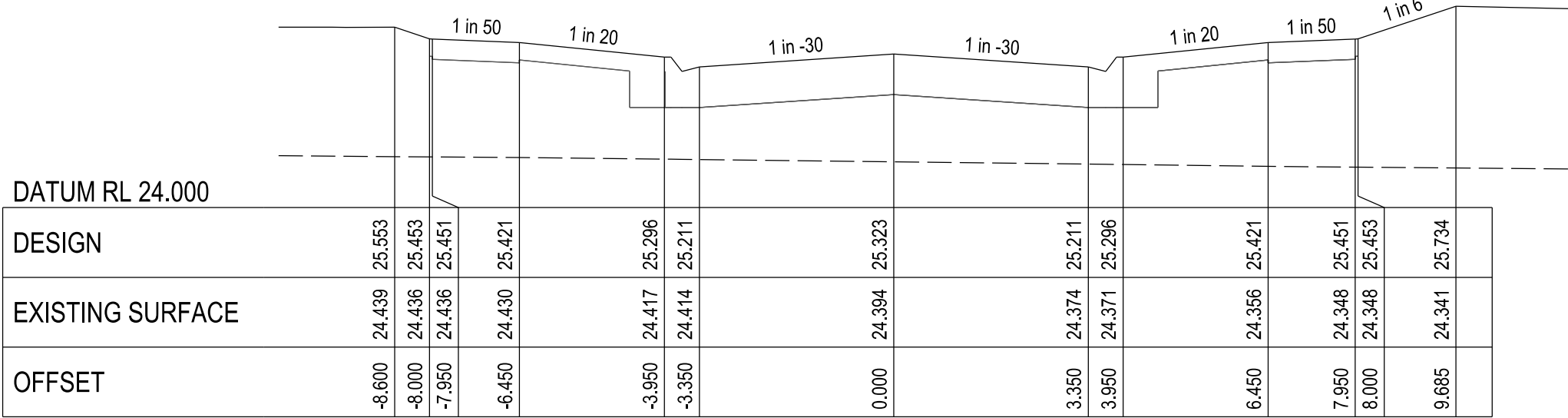
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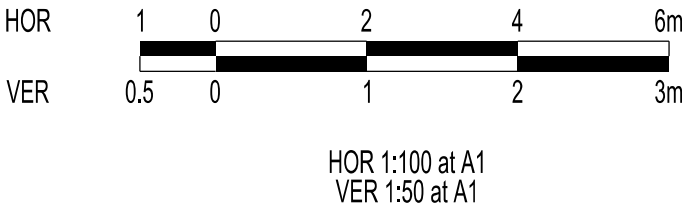
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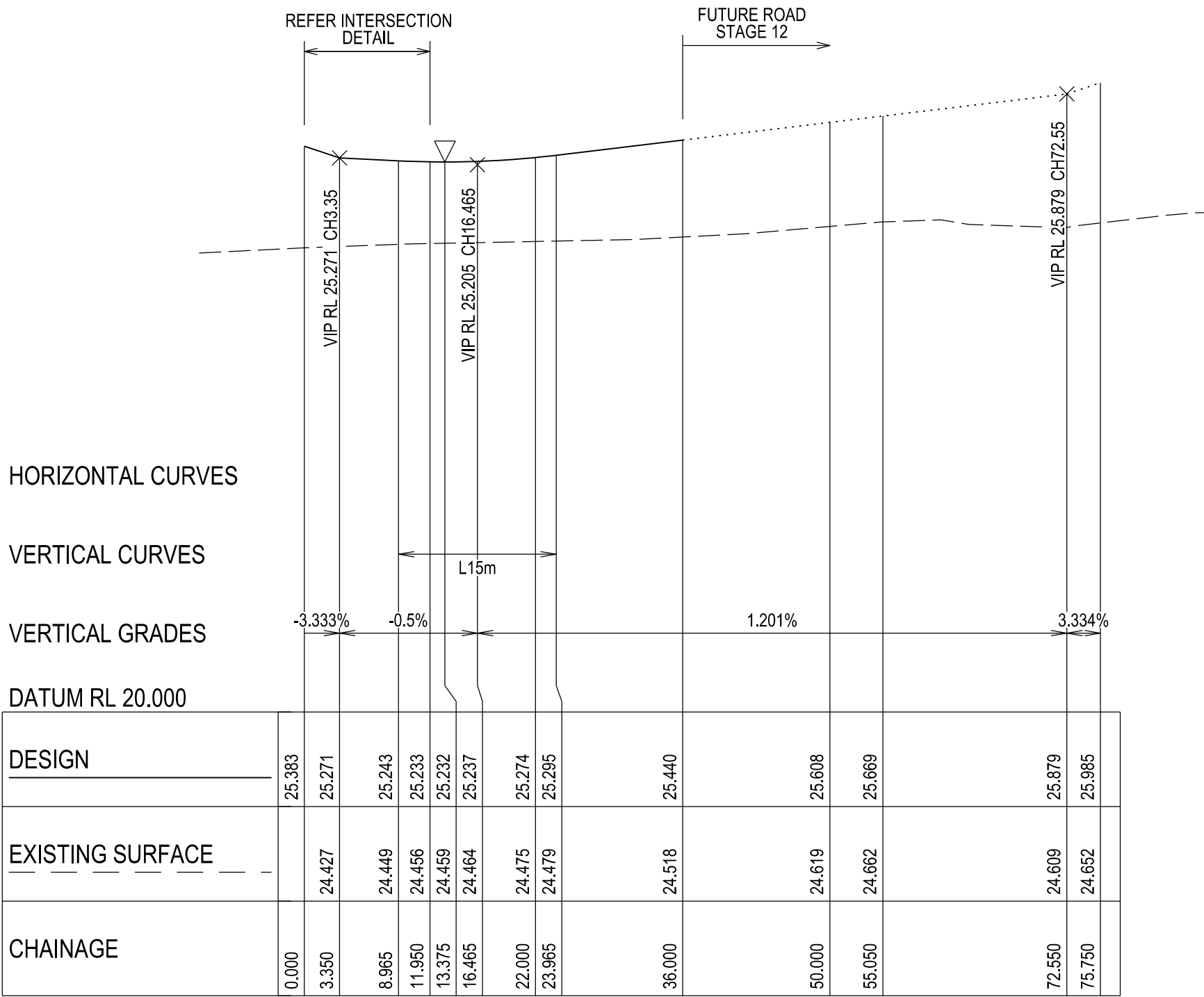
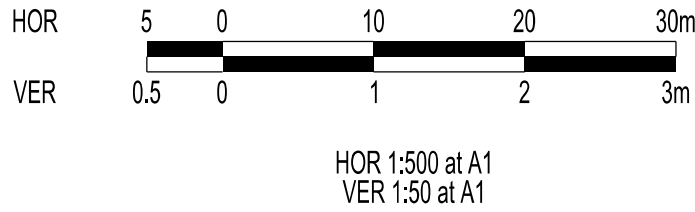
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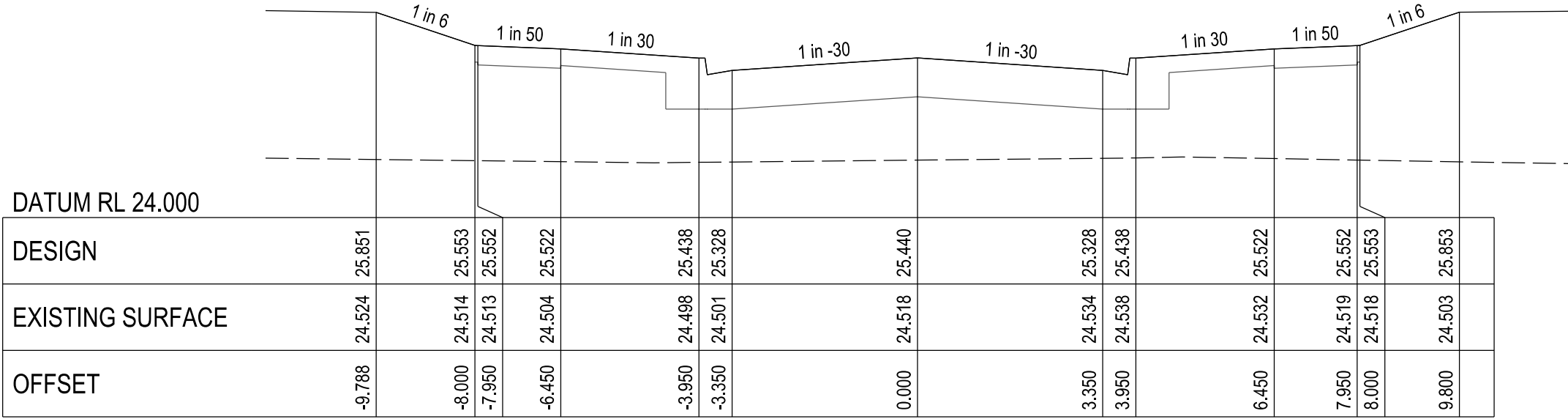
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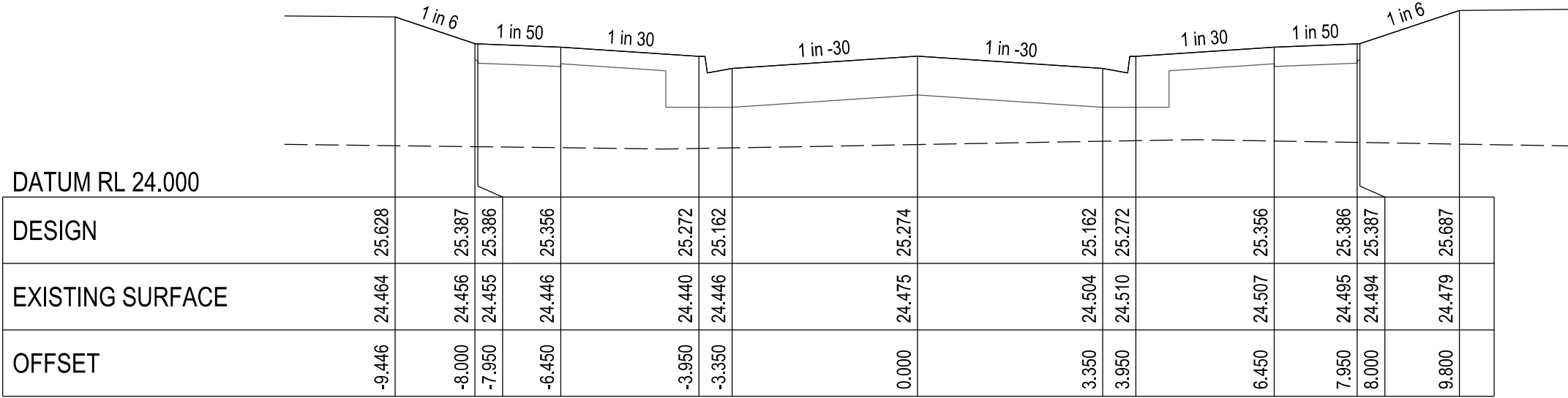
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G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC
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DRAWN:	C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
DESIGNED:	R.COLMAN	DATE: JUN 2024	DATE PRINTED: 13/02/2025
AUTHORISED:	R.BREWSTER	DATE: JUN 2024	
 SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930 www.charltondegg.com.au			
COUNCIL: CARDINIA SHIRE COUNCIL			
TITLE: 100 LECKY ROAD PTY LTD BANYAN ESTATE - STAGE 9 70-100 LECKY ROAD, OFFICER ROAD AND DRAINAGE PLANS TUSSOCK WAY CROSS SECTIONS - SHEET 2			
DRG NO. 1470-9/R12	REV. H	SHEET 12 OF 34	



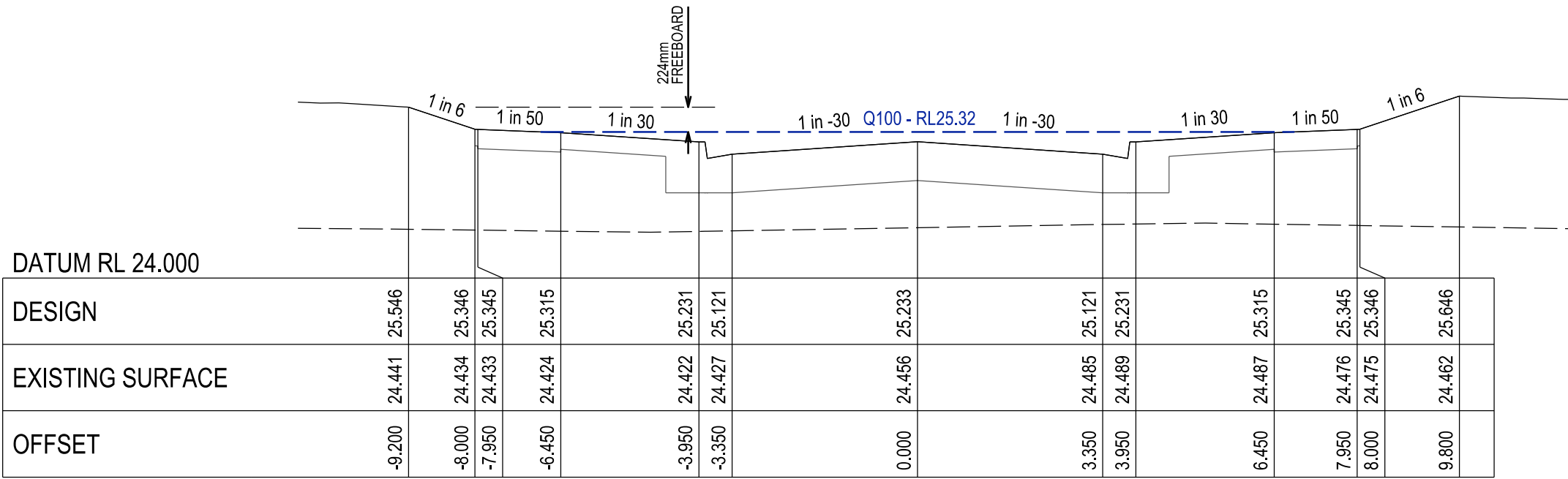
DEWY WAY - LONGITUDINAL SECTION
A1 HORZ SCALE 1:500
A1 VERT SCALE 1:50



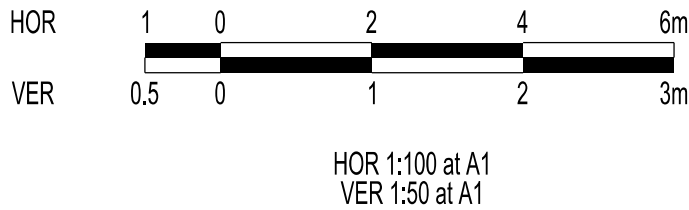
CHAINAGE 36.00



CHAINAGE 22.00



CHAINAGE 11.95



VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\E\2 - Design\6 - DGN\1470-9_R13.dgn

DRAWN:	C.BAXTER	DATE:	JUN 2024	SCALE:	AS SHOWN
DESIGNED:	R.COLMAN	DATE:	JUN 2024	DATE PRINTED:	13/02/2025
AUTHORISED:	R.BREWSTER	DATE:	JUN 2024		

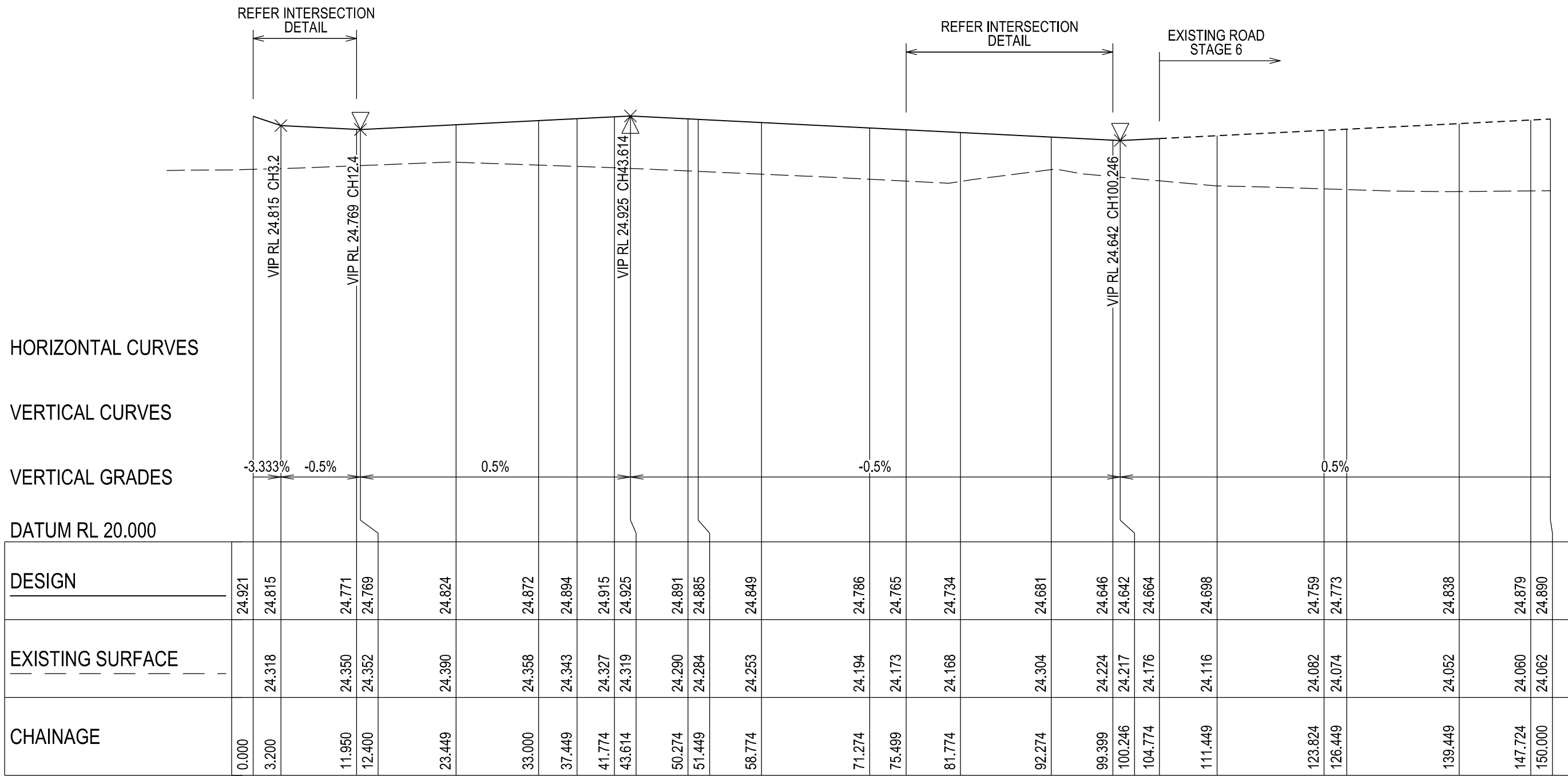
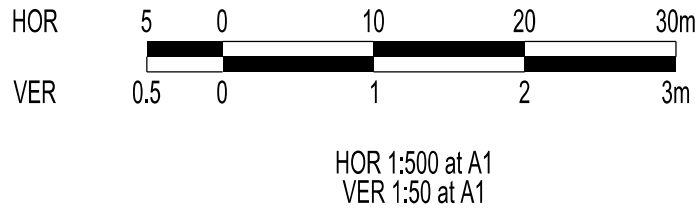


SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
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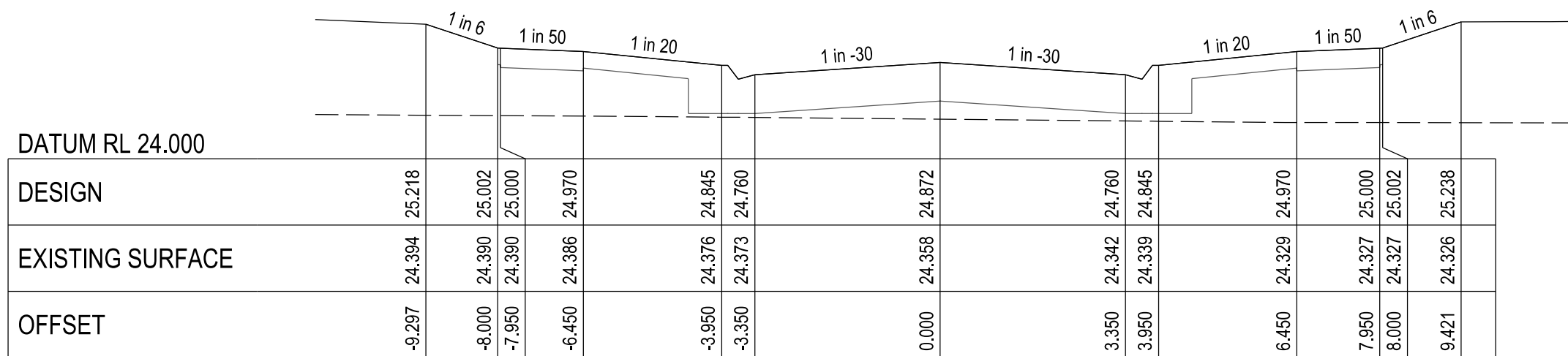
COUNCIL:
CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
DEWY WAY LONGITUDINAL & CROSS SECTIONS

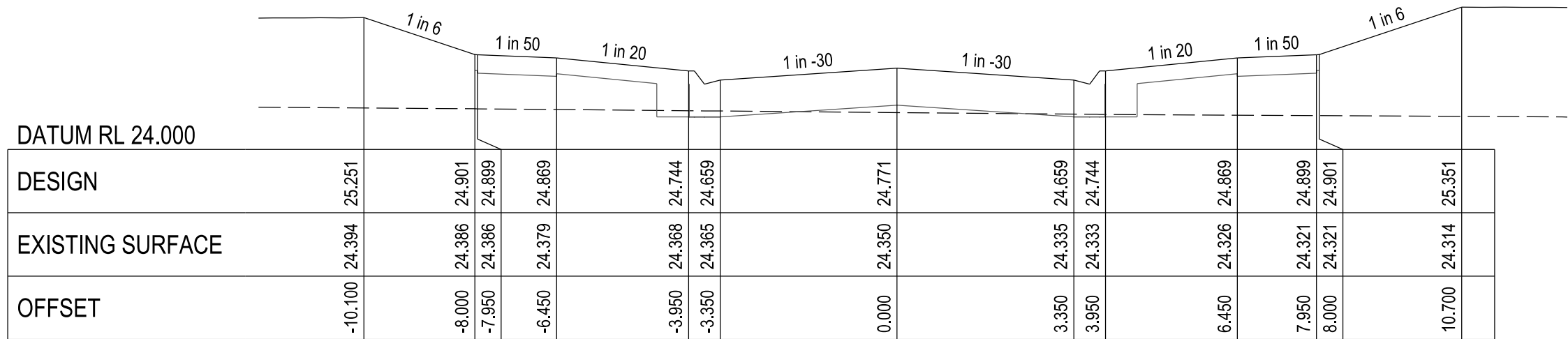
DRG NO. 1470-9/R13	REV. H	SHEET 13 OF 34
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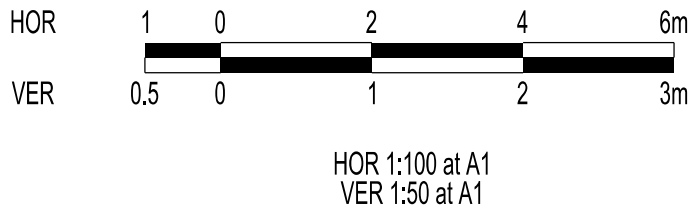
FORAGE STREET - LONGITUDINAL SECTION
A1 HORZ SCALE 1:500
A1 VERT SCALE 1:50



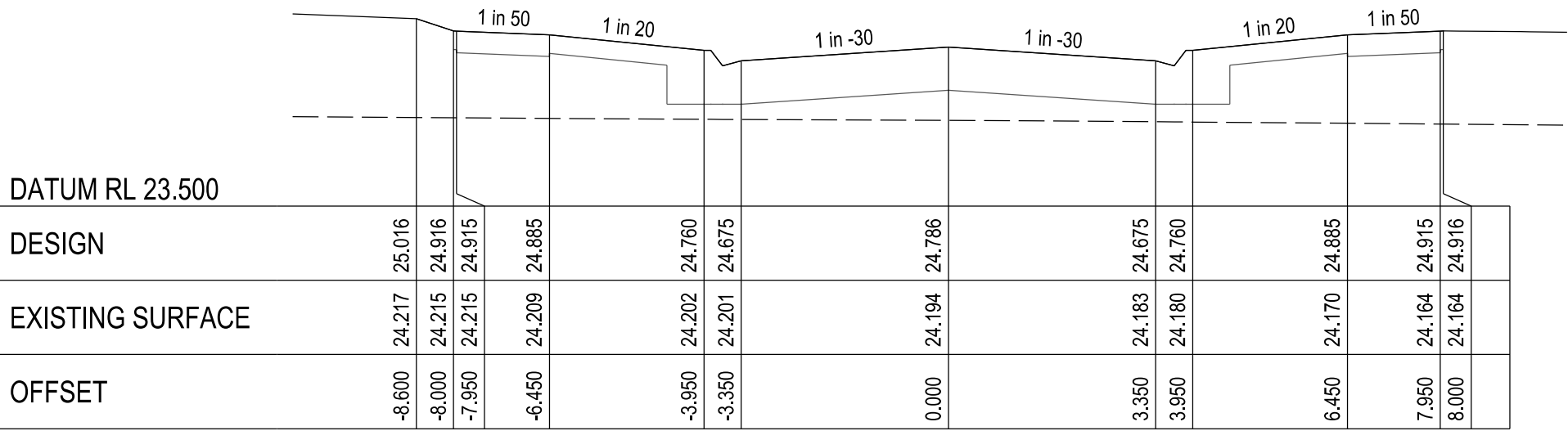
CHAINAGE 33.00



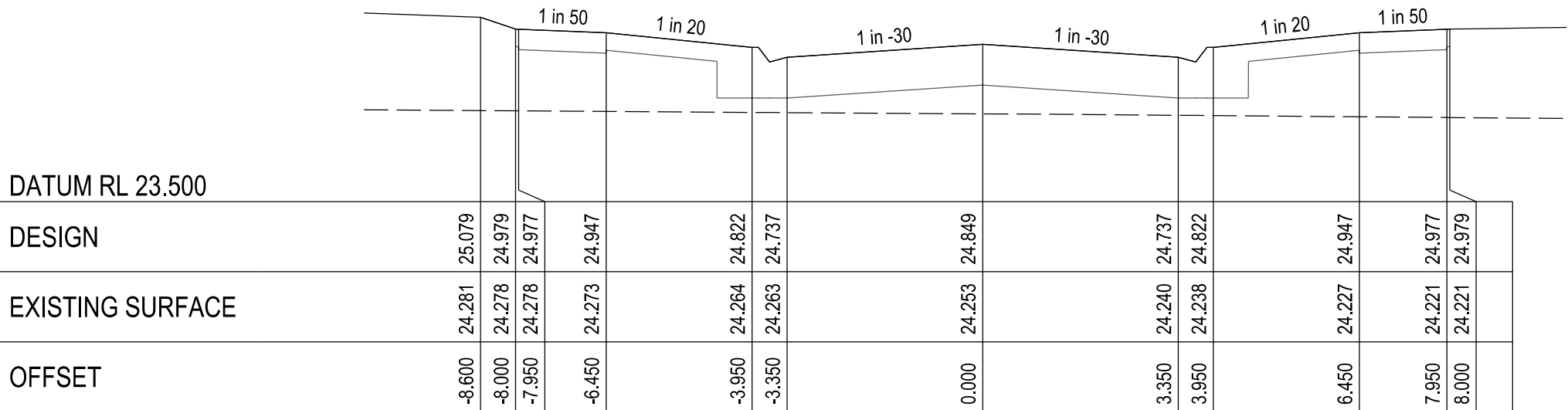
CHAINAGE 11.95



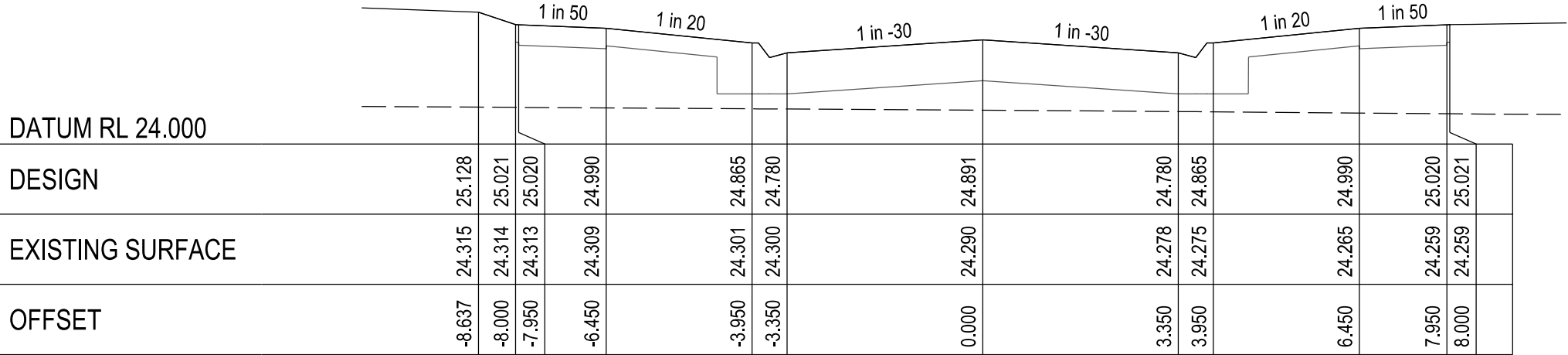
VERSION DETAILS:			
REV	DATE	DESCRIPTION	STATUS
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C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC
FILENAME: P:\1470\1470_9\E\2 - Design\6 - DGN\1470-9_R14.dgn			
DRAWN:	C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
DESIGNED:	R.COLMAN	DATE: JUN 2024	DATE PRINTED: 13/02/2025
AUTHORISED:	R.BREWSTER	DATE: JUN 2024	
CHARLTONDEGG LAND DEVELOPMENT CONSULTANTS SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930 www.charltondegg.com.au			
COUNCIL: CARDINIA SHIRE COUNCIL			
TITLE: 100 LECKY ROAD PTY LTD BANYAN ESTATE - STAGE 9 70-100 LECKY ROAD, OFFICER ROAD AND DRAINAGE PLANS FORAGE STREET LONGITUDINAL & CROSS SECTIONS - SHEET 1			
DRG NO. 1470-9/R14		REV. H	SHEET 14 OF 34



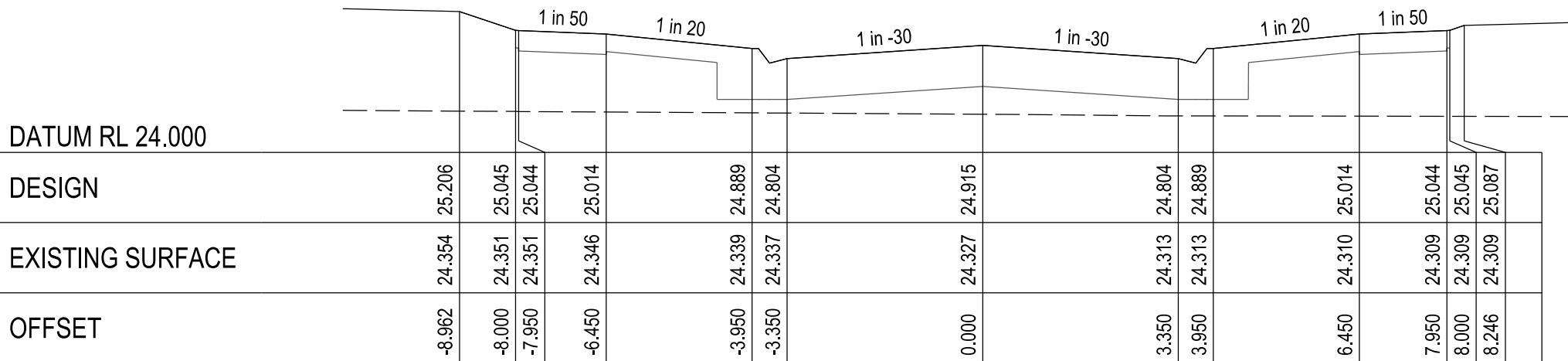
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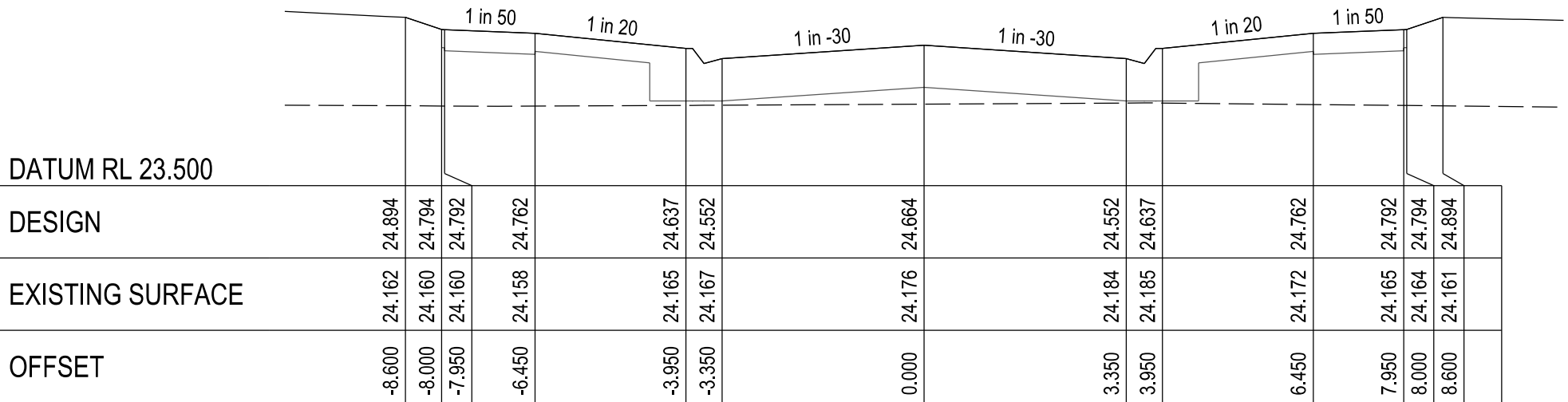
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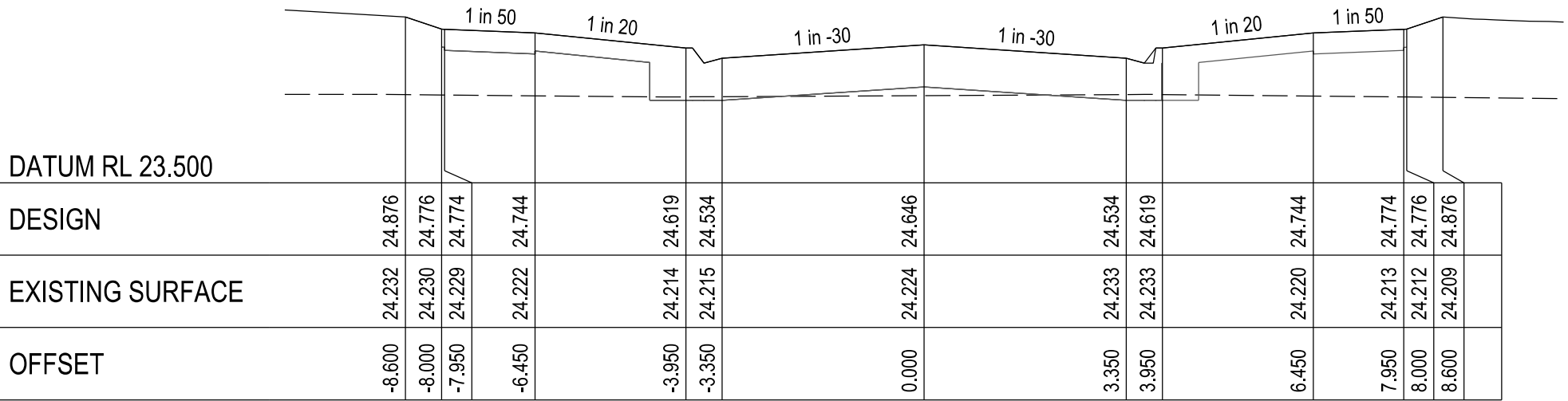
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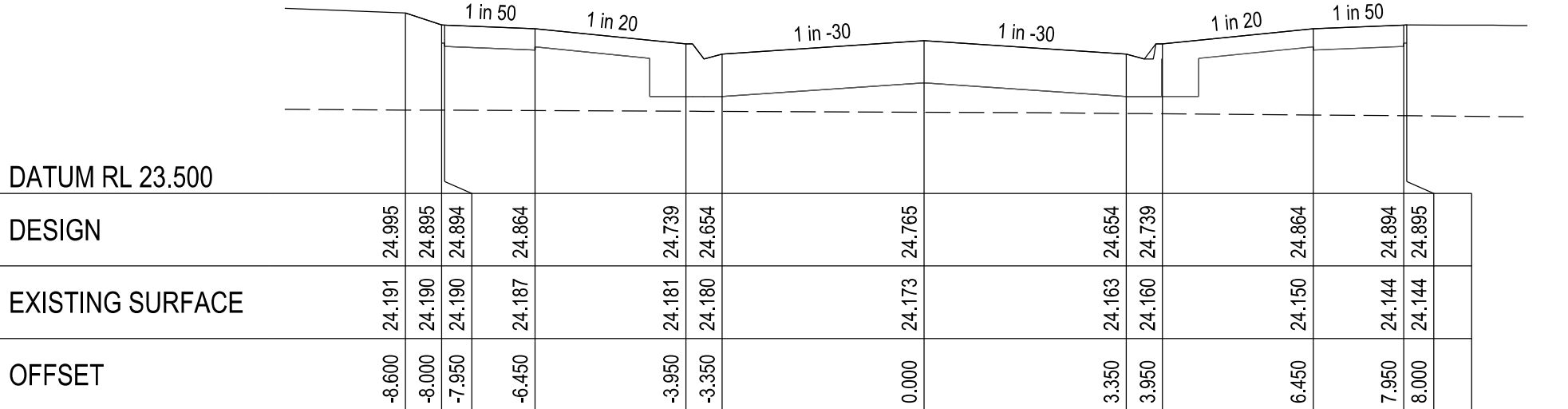
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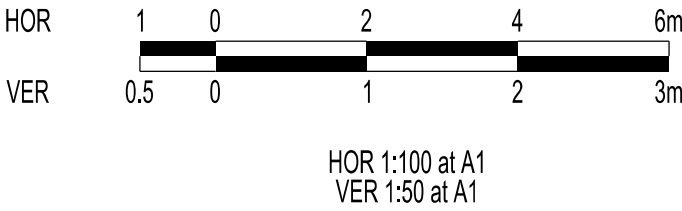
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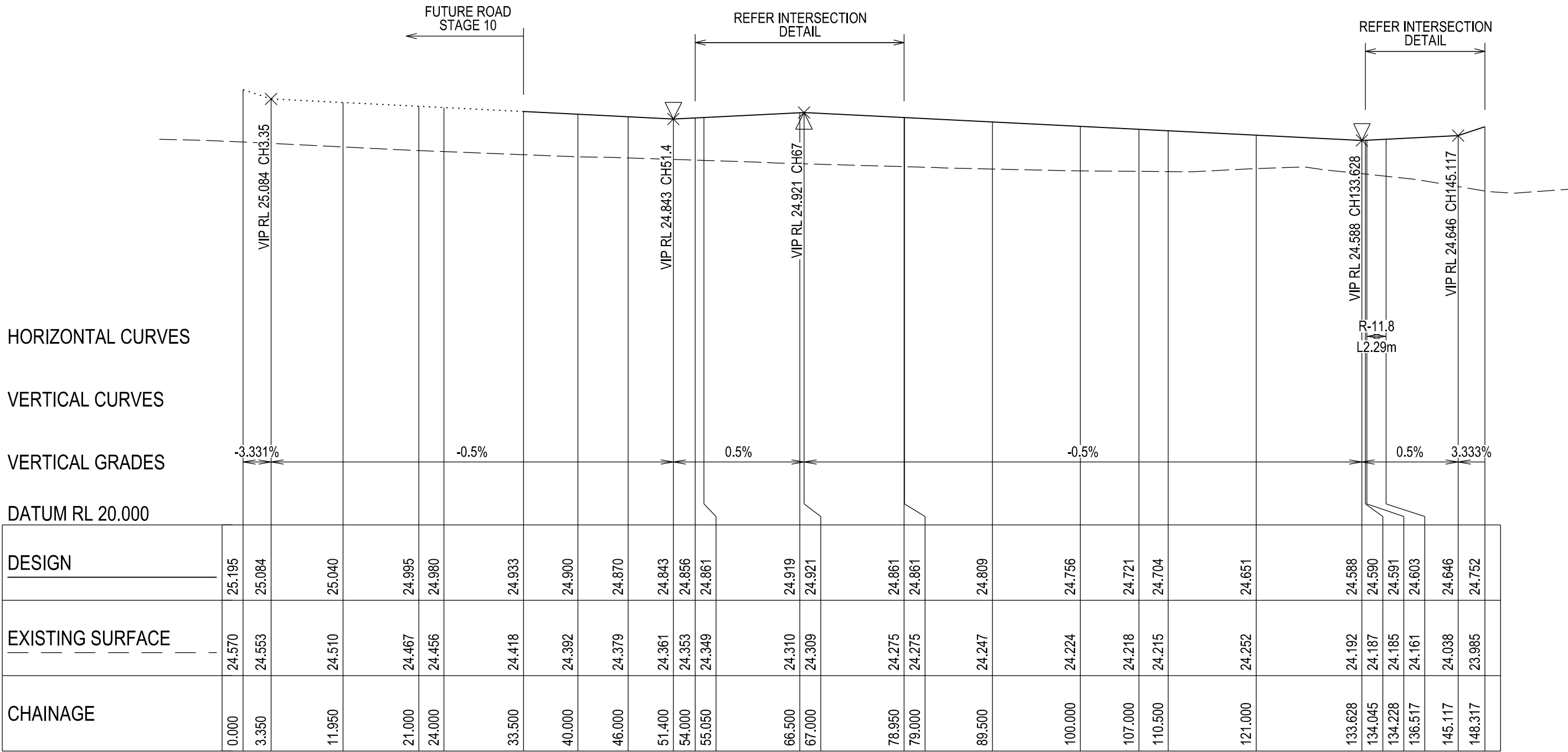
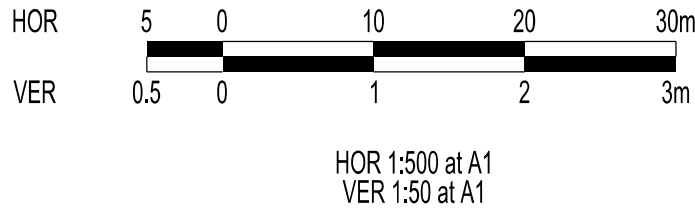
CHAINAGE 99.40



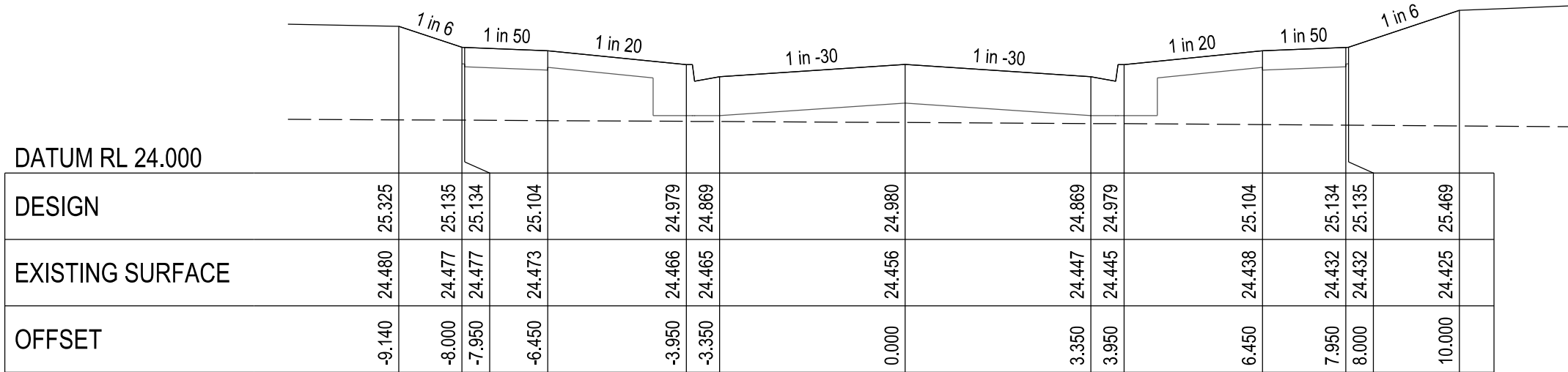
CHAINAGE 75.50



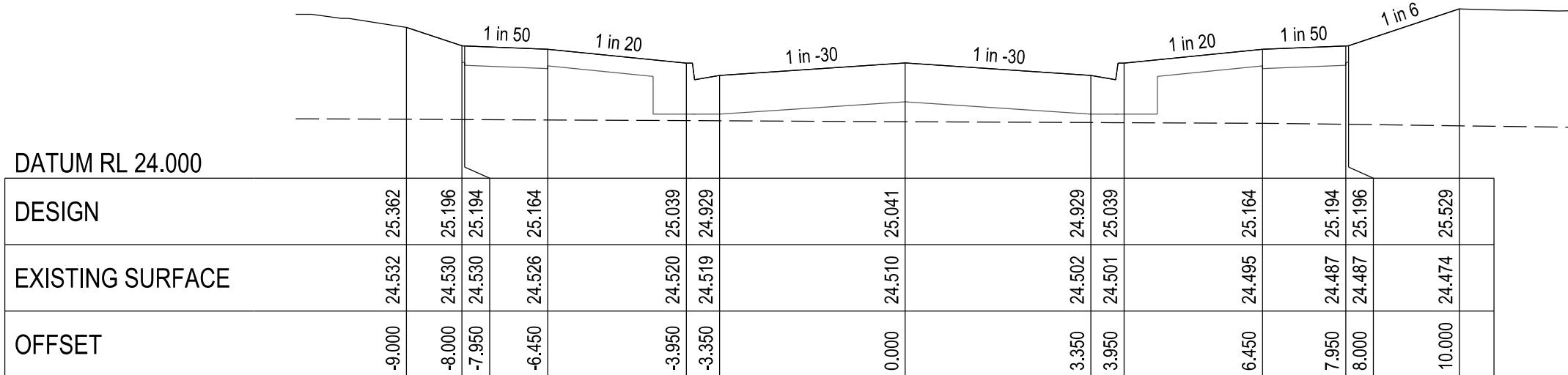
VERSION DETAILS:			
REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC
FILENAME: P:\1470\1470_9\1470-9_R15.dgn			
DRAWN:	C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
DESIGNED:	R.COLMAN	DATE: JUN 2024	DATE PRINTED: 13/02/2025
AUTHORISED:	R.BREWSTER	DATE: JUN 2024	
 SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930 www.charltondegg.com.au			
COUNCIL: CARDINIA SHIRE COUNCIL			
TITLE: 100 LECKY ROAD PTY LTD BANYAN ESTATE - STAGE 9 70-100 LECKY ROAD, OFFICER ROAD AND DRAINAGE PLANS FORAGE STREET CROSS SECTIONS - SHEET 2			
DRG NO. 1470-9/R15	REV. H	SHEET 15 OF 34	



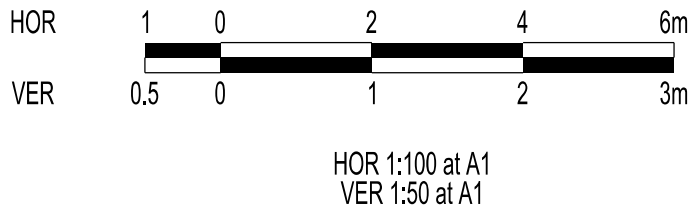
DAYBREAK STREET - LONGITUDINAL SECTION
A1 HORZ SCALE 1:500
A1 VERT SCALE 1:50



CHAINAGE 24.00



CHAINAGE 11.95



VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\E\2 - Design\6 - DGN\1470-9_R16.dgn

DRAWN:	C.BAXTER	DATE:	JUN 2024	SCALE:	AS SHOWN
DESIGNED:	R.COLMAN	DATE:	JUN 2024	DATE PRINTED:	13/02/2025
AUTHORISED:	R.BREWSTER	DATE:	JUN 2024		

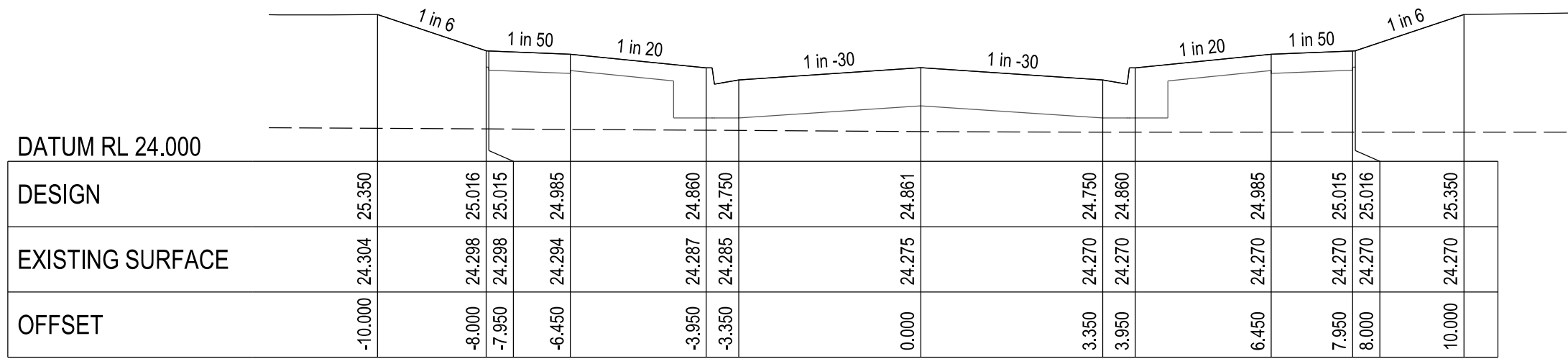


SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
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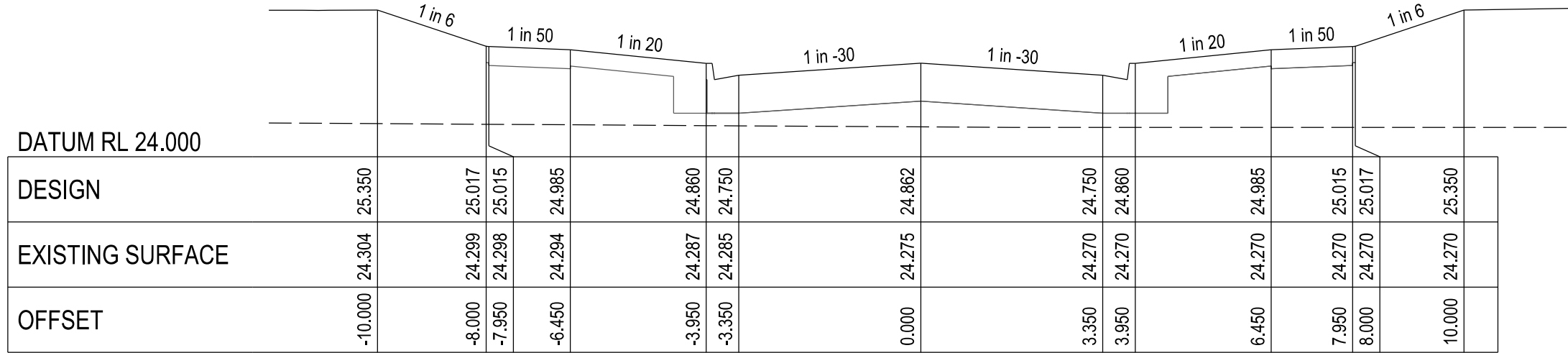
COUNCIL:
CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
DAYBREAK STREET LONGITUDINAL & CROSS SECTIONS - SHEET 1

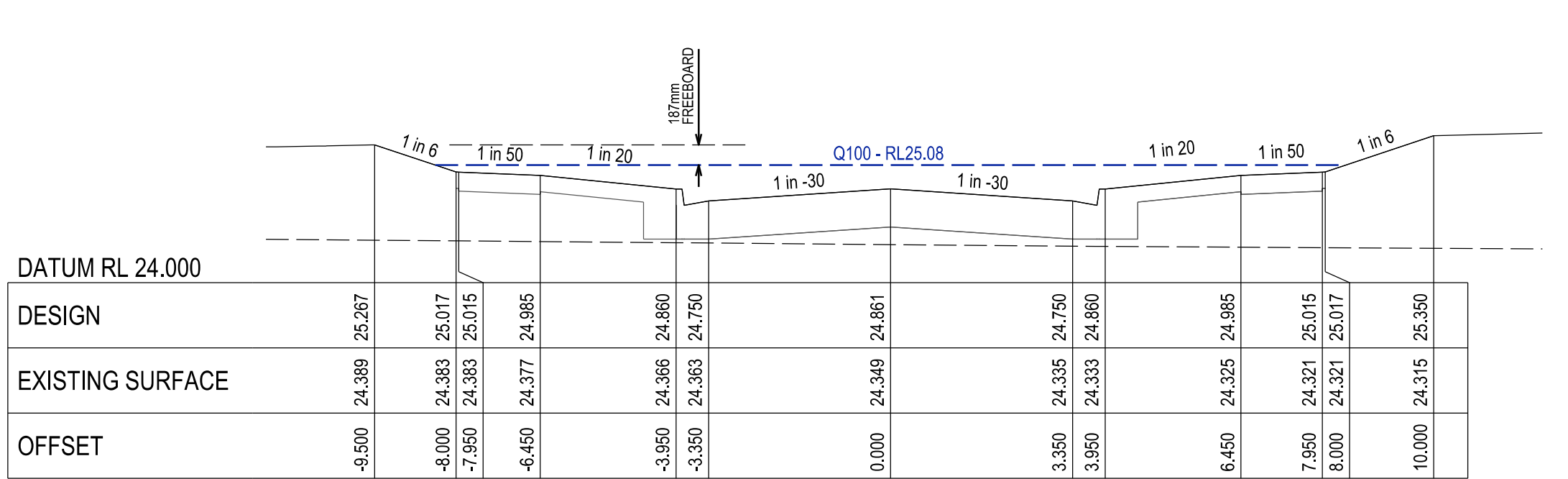
DRG NO. 1470-9/R16	REV. H	SHEET 16 OF 34
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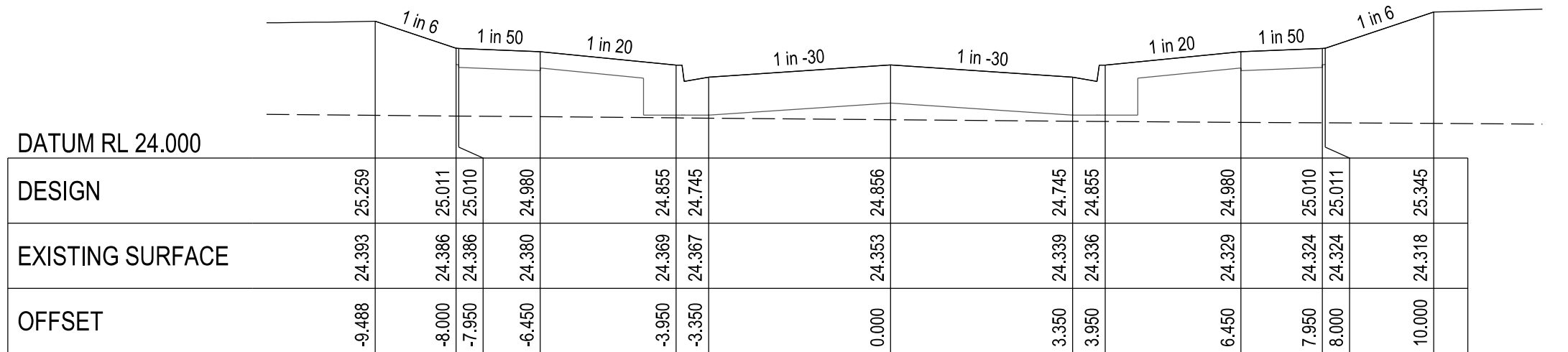
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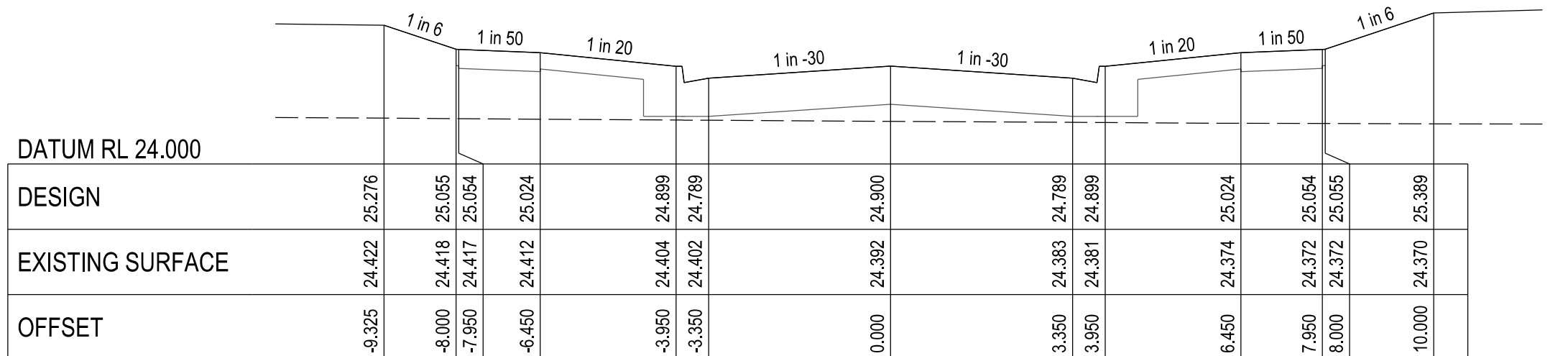
CHAINAGE 78.95



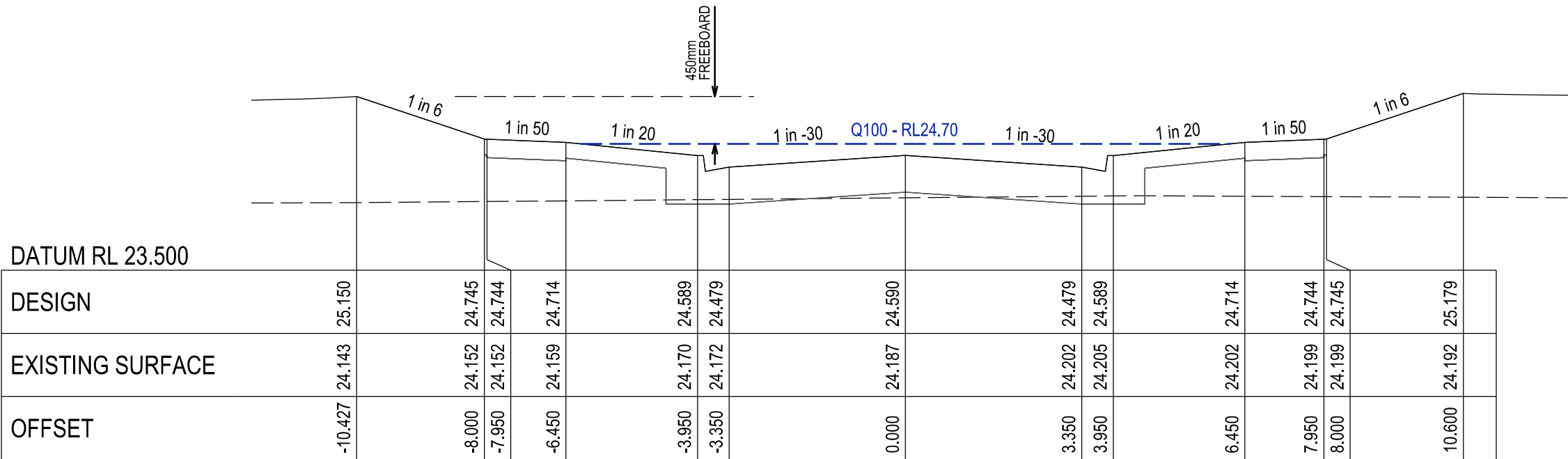
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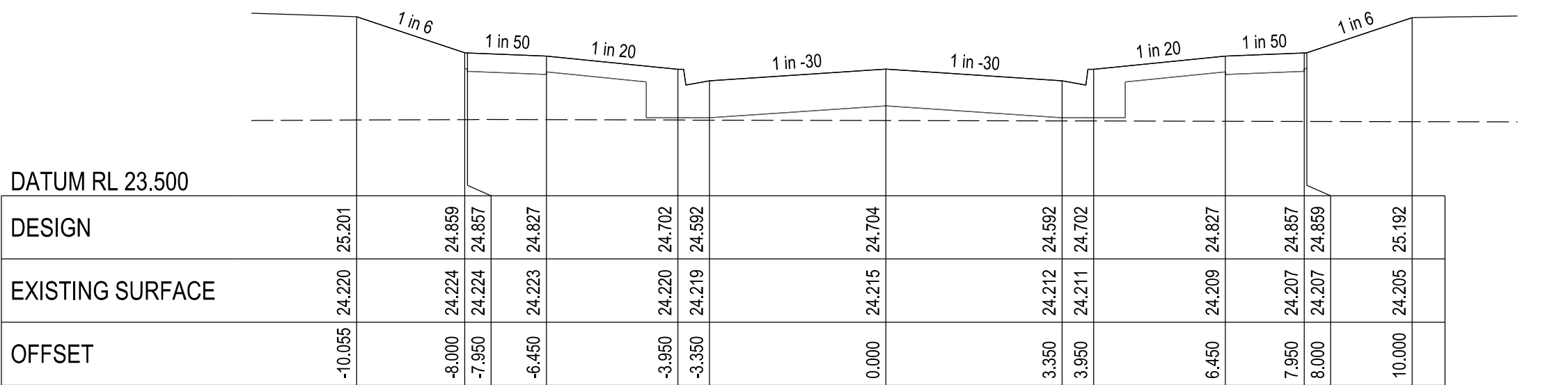
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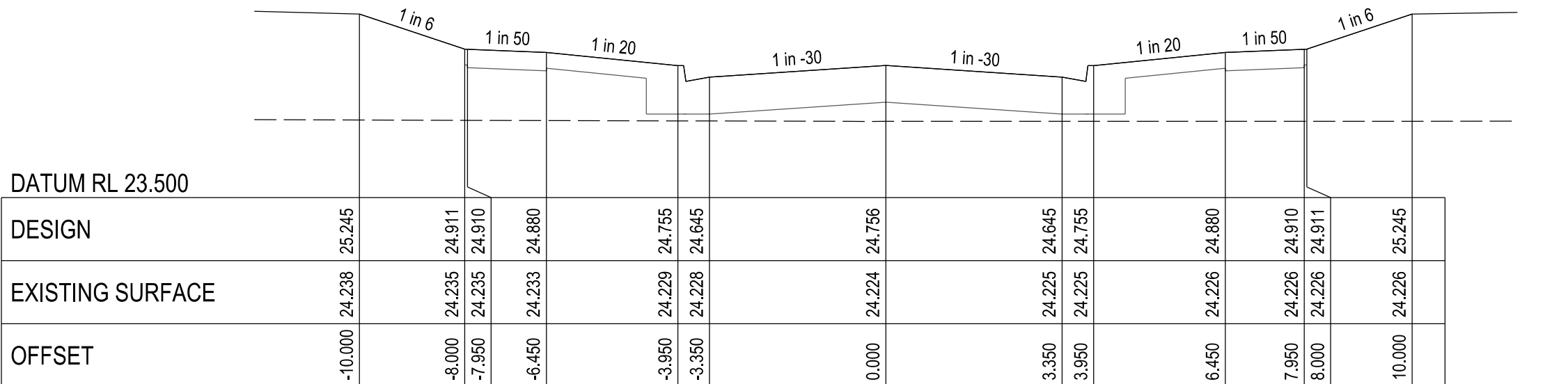
CHAINAGE 40.00



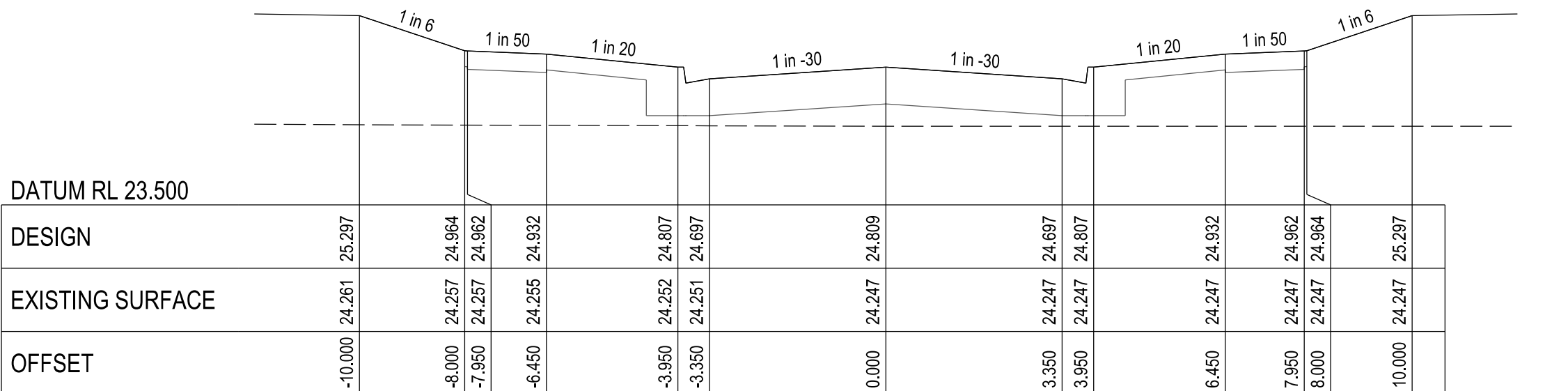
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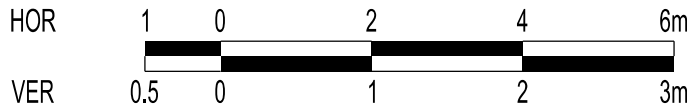
CHAINAGE 110.50



CHAINAGE 100.00



CHAINAGE 89.50



HOR 1:100 at A1
VER 1:50 at A1

VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\1470-9_R17.dgn

DRAWN:	C.BAXTER	DATE:	JUN 2024	SCALE:	AS SHOWN
DESIGNED:	R.COLMAN	DATE:	JUN 2024	DATE PRINTED:	13/02/2025
AUTHORISED:	R.BREWSTER	DATE:	JUN 2024		

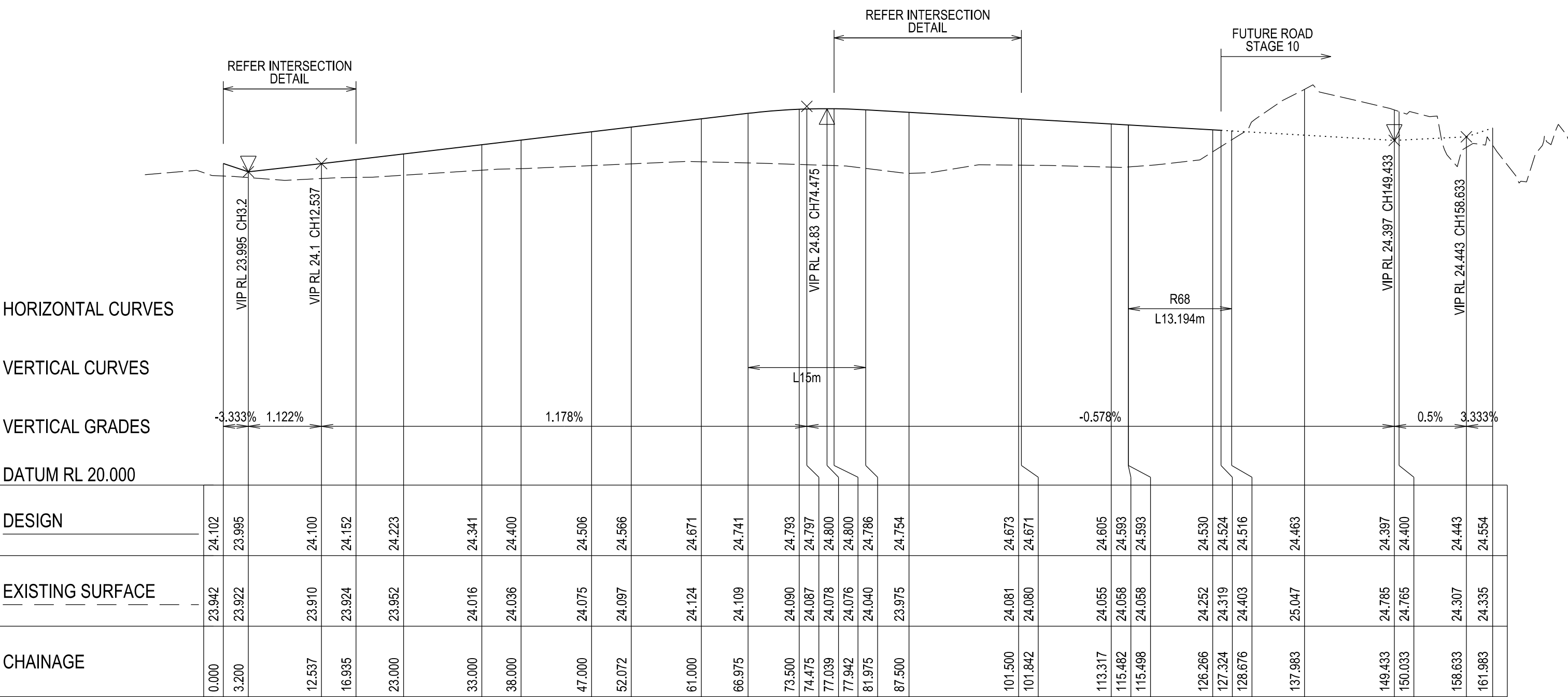


SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
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COUNCIL:
CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
DAYBREAK STREET CROSS SECTIONS - SHEET 2

DRG NO. 1470-9/R17	REV. H	SHEET 17 OF 34
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[illegible][illegible]

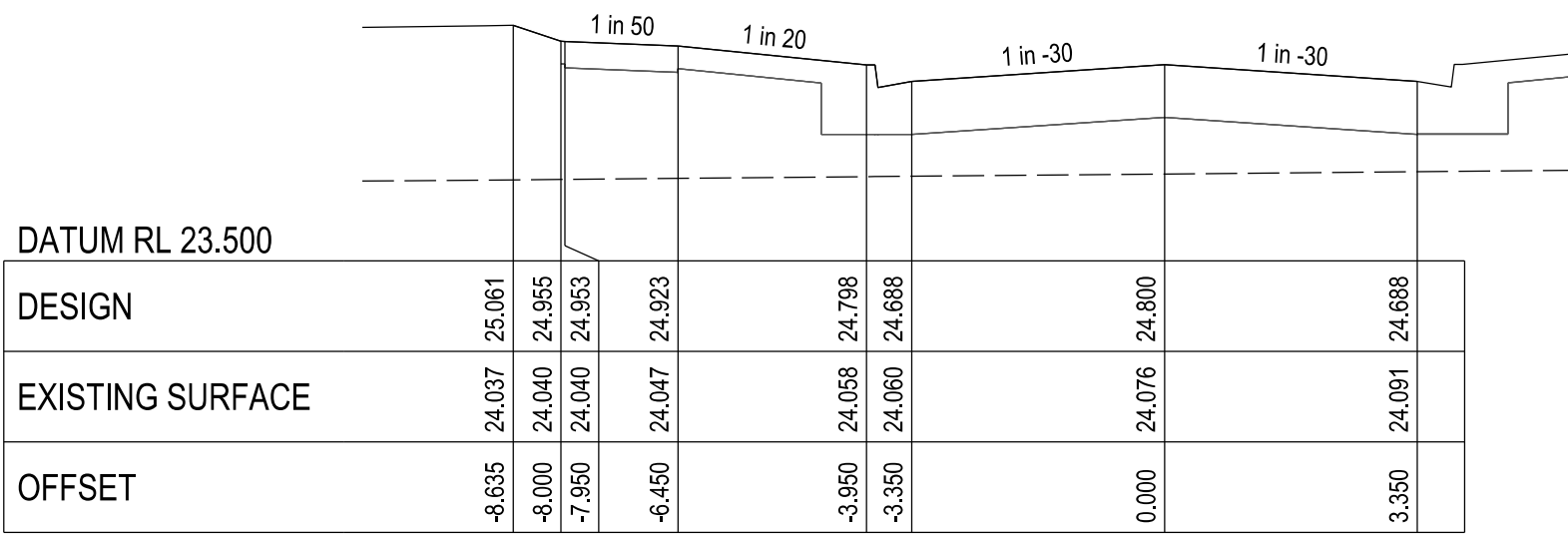
HOR 1 0 2 4 6m
VER 0.5 0 1 2 3m

HOR 1:100 at A1
VER 1:50 at A1



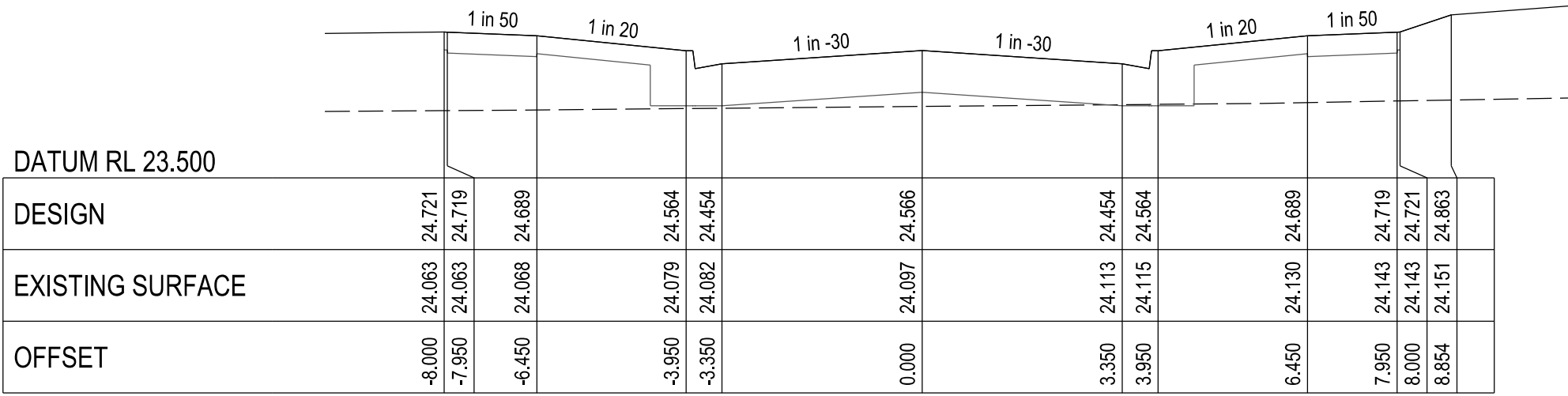
CHARLTON DEGG
LAND DEVELOPMENT CONSULTANTS

SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3830
www.charltondegg.com.au



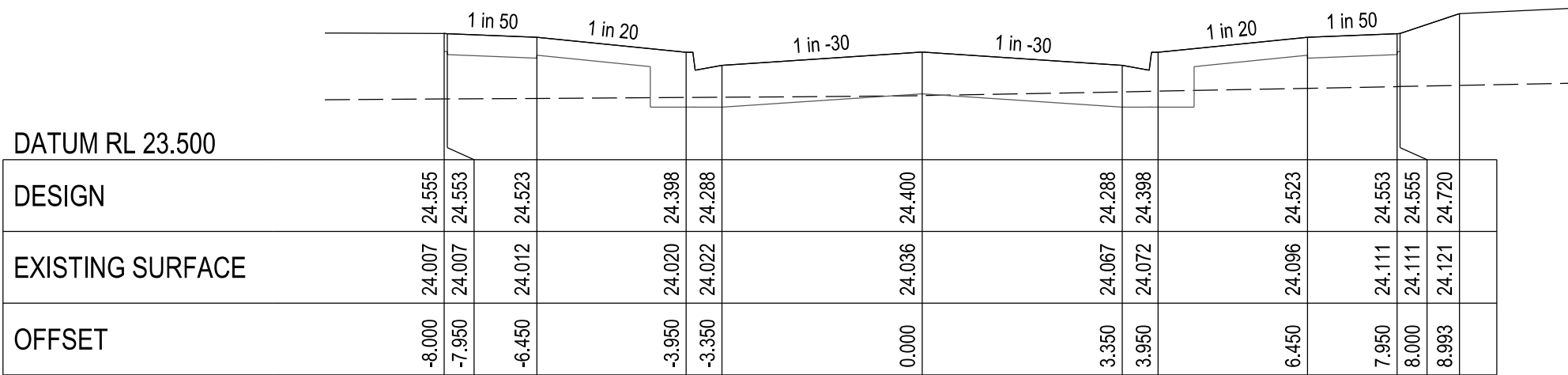
DATUM RL 23.500			
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EXISTING SURFACE	-8.000	24.040	24.955
OFFSET	-7.950	24.040	24.953
	-6.450	24.047	24.923
	-3.950	24.058	24.798
	-3.350	24.060	24.688
	0.000	24.076	24.500
	3.350	24.091	24.688

CHAINAGE 77.94



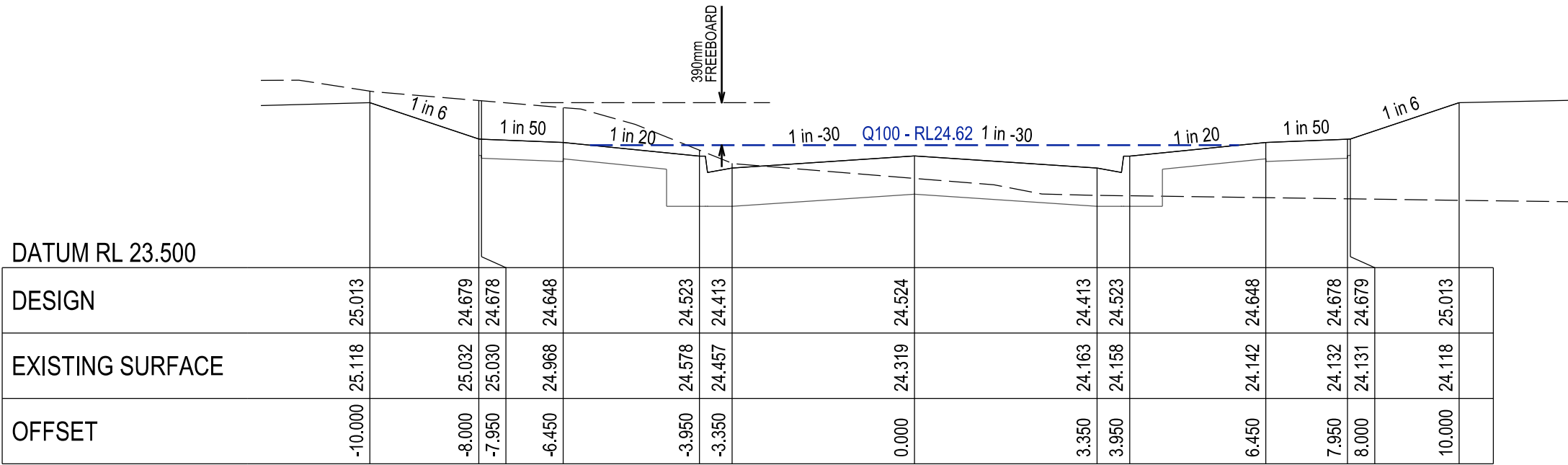
DATUM RL 23.500			
DESIGN	-8.000	24.063	24.721
EXISTING SURFACE	-7.950	24.063	24.719
OFFSET	-6.450	24.068	24.689
	-3.950	24.079	24.564
	-3.350	24.082	24.454
	0.000	24.097	24.566
	3.350	24.113	24.454
	3.950	24.115	24.564
	6.450	24.130	24.689
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	8.854	24.151	24.863

CHAINAGE 52.07



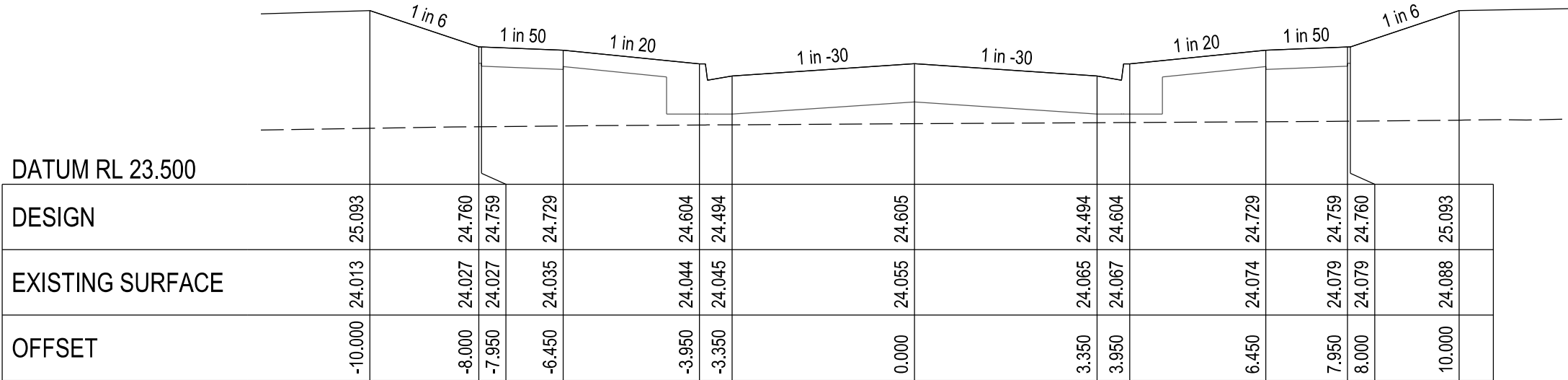
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DESIGN	-8.000	24.007	24.555
EXISTING SURFACE	-7.950	24.007	24.553
OFFSET	-6.450	24.012	24.523
	-3.950	24.020	24.398
	-3.350	24.022	24.288
	0.000	24.036	24.400
	3.350	24.067	24.288
	3.950	24.072	24.398
	6.450	24.086	24.523
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CHAINAGE 38.00



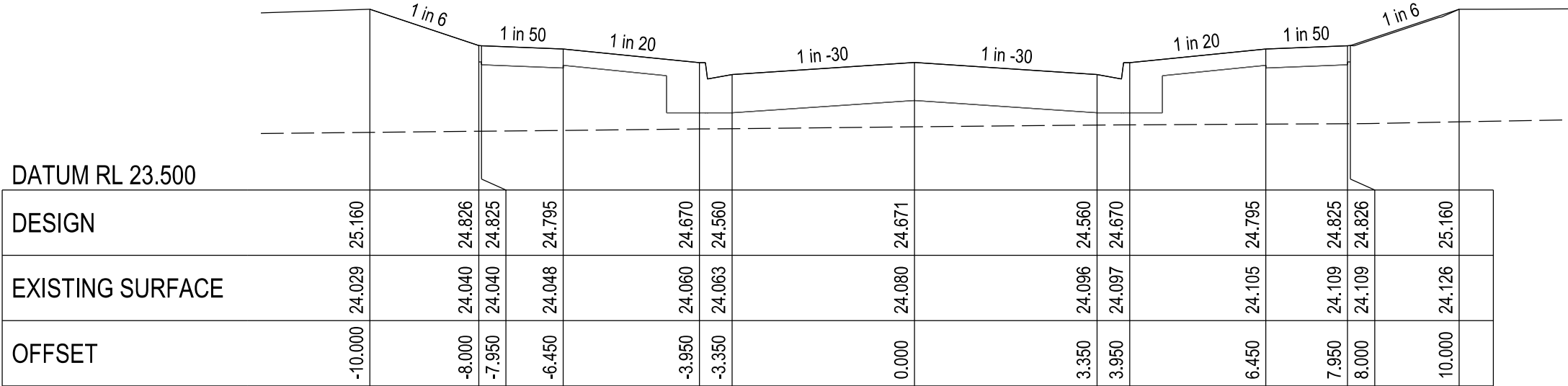
DATUM RL 23.500			
DESIGN	-10.000	25.118	25.013
EXISTING SURFACE	-8.000	25.032	24.679
OFFSET	-7.950	25.030	24.678
	-6.450	24.988	24.648
	-3.950	24.578	24.523
	-3.350	24.457	24.413
	0.000	24.319	24.524
	3.350	24.163	24.413
	3.950	24.158	24.523
	6.450	24.142	24.648
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	10.000	24.118	25.013

CHAINAGE 127.32



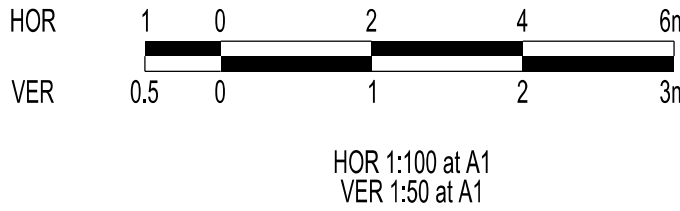
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DESIGN	-10.000	24.013	25.093
EXISTING SURFACE	-8.000	24.027	24.760
OFFSET	-7.950	24.027	24.759
	-6.450	24.035	24.729
	-3.950	24.044	24.604
	-3.350	24.045	24.494
	0.000	24.055	24.605
	3.350	24.065	24.494
	3.950	24.067	24.604
	6.450	24.074	24.729
	7.950	24.079	24.759
	8.000	24.079	24.760
	10.000	24.088	25.093

CHAINAGE 113.32



DATUM RL 23.500			
DESIGN	-10.000	24.029	25.160
EXISTING SURFACE	-8.000	24.040	24.826
OFFSET	-7.950	24.040	24.825
	-6.450	24.048	24.795
	-3.950	24.060	24.670
	-3.350	24.063	24.560
	0.000	24.080	24.671
	3.350	24.086	24.560
	3.950	24.087	24.670
	6.450	24.105	24.795
	7.950	24.109	24.825
	8.000	24.109	24.826
	10.000	24.126	25.160

CHAINAGE 101.84



VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\1470-9_R19.dgn

DRAWN:	C.BAXTER	DATE:	JUN 2024	SCALE:	AS SHOWN
DESIGNED:	R.COLMAN	DATE:	JUN 2024	DATE PRINTED:	13/02/2025
AUTHORISED:	R.BREWSTER	DATE:	JUN 2024		

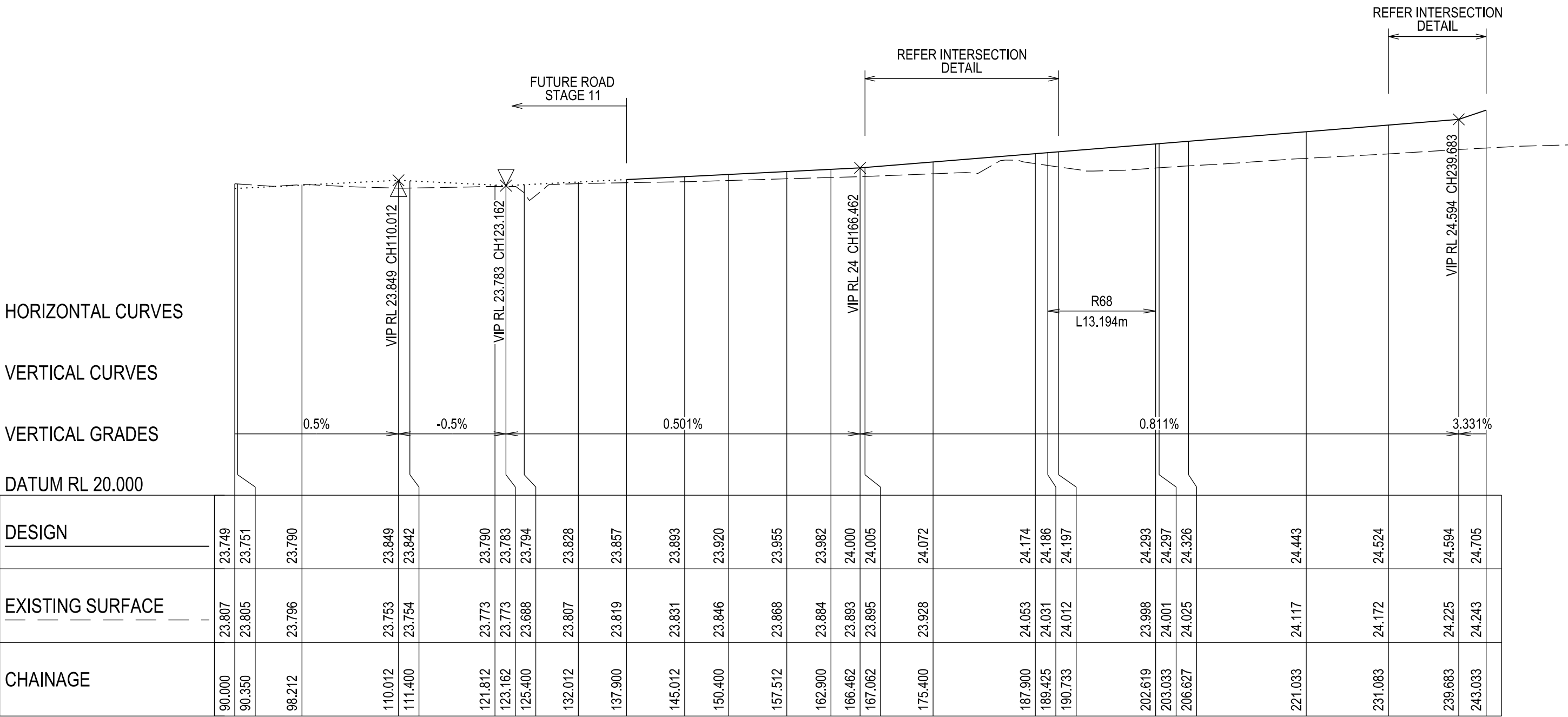
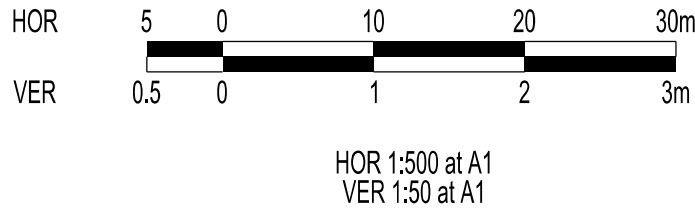


SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
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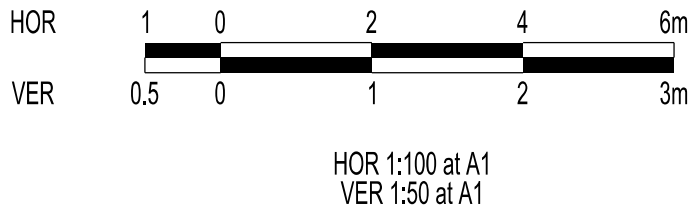
COUNCIL:
CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
PRAIRIE ROAD CROSS SECTIONS - SHEET 2

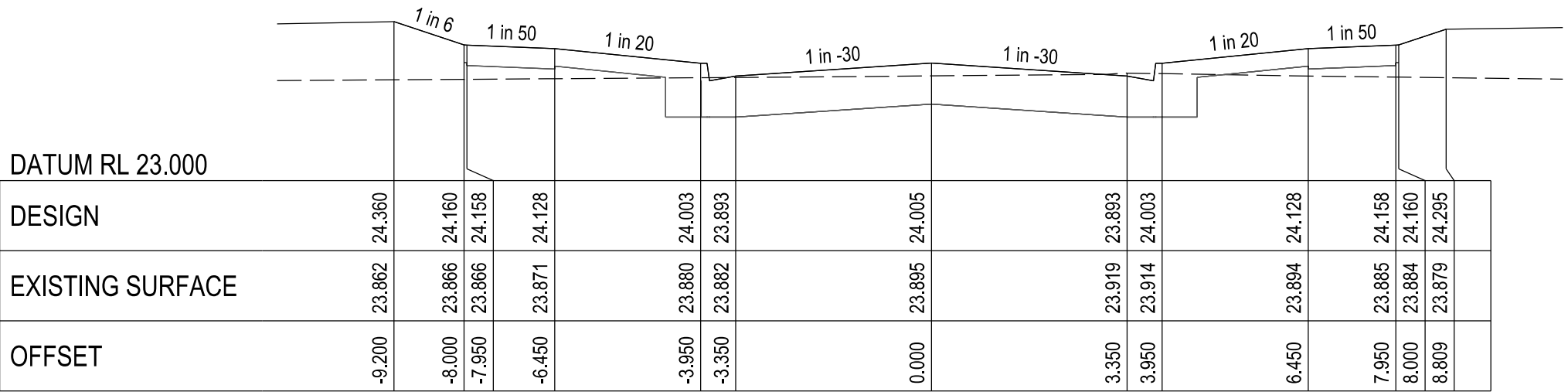
DRG NO. 1470-9/R19	REV. H	SHEET 19 OF 34
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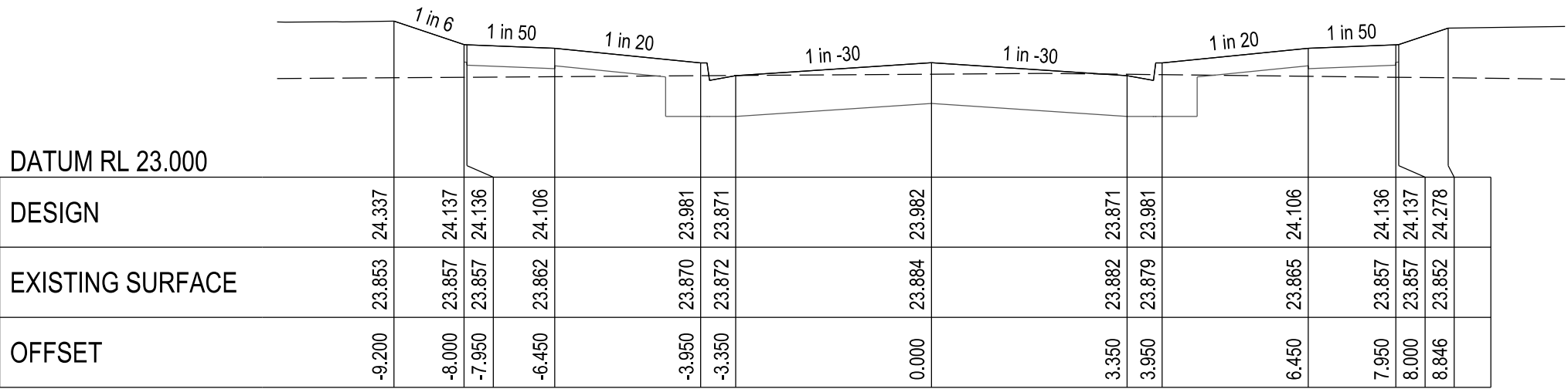
MULBERRY ROAD - LONGITUDINAL SECTION
A1 HORZ SCALE 1:500
A1 VERT SCALE 1:50



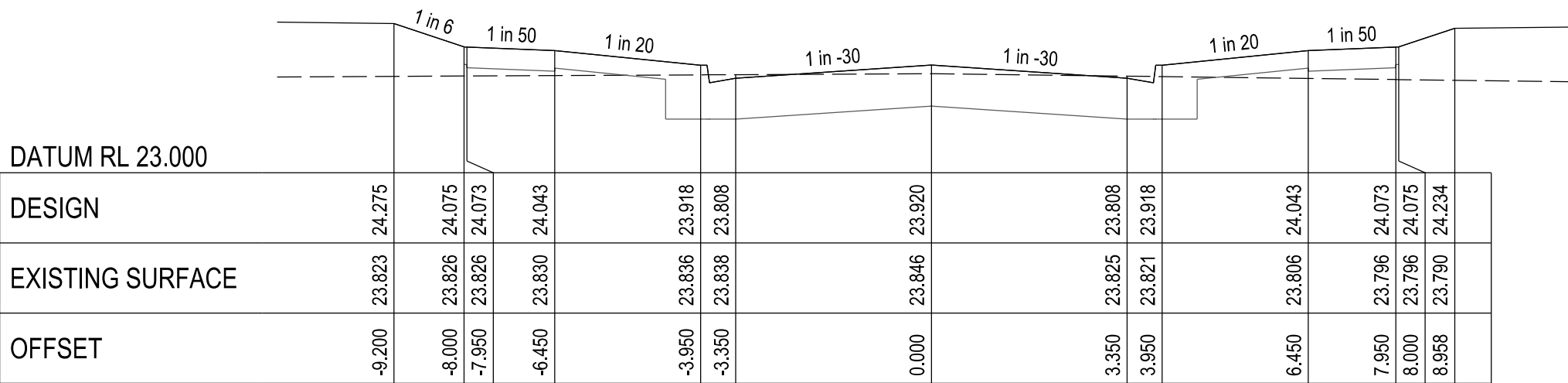
VERSION DETAILS:			
REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC
FILENAME: P:\1470\1470_9\E\2 - Design\6 - DGN\1470-9_R20.dgn			
DRAWN:	C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
DESIGNED:	R.COLMAN	DATE: JUN 2024	DATE PRINTED: 13/02/2025
AUTHORISED:	R.BREWSTER	DATE: JUN 2024	
 CHARLTONDEGG LAND DEVELOPMENT CONSULTANTS SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930 www.charltondegg.com.au			
COUNCIL: CARDINIA SHIRE COUNCIL			
TITLE: 100 LECKY ROAD PTY LTD BANYAN ESTATE - STAGE 9 70-100 LECKY ROAD, OFFICER ROAD AND DRAINAGE PLANS MULBERRY ROAD LONGITUDINAL SECTION - SHEET 1			
DRG NO. 1470-9/R20		REV. H	SHEET 20 OF 34



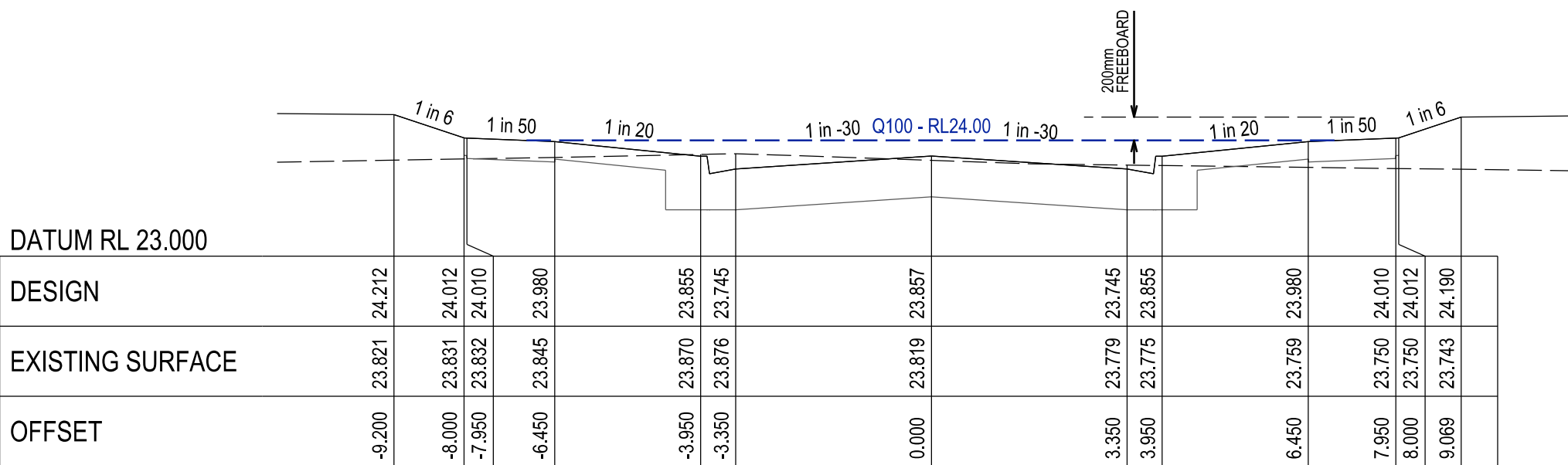
CHAINAGE 167.06



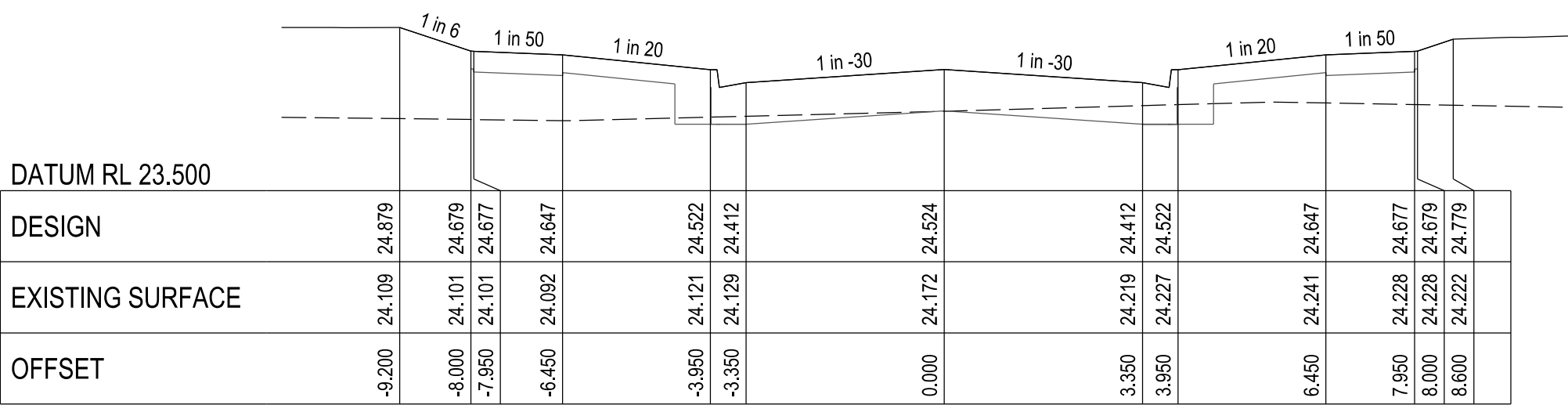
CHAINAGE 162.90



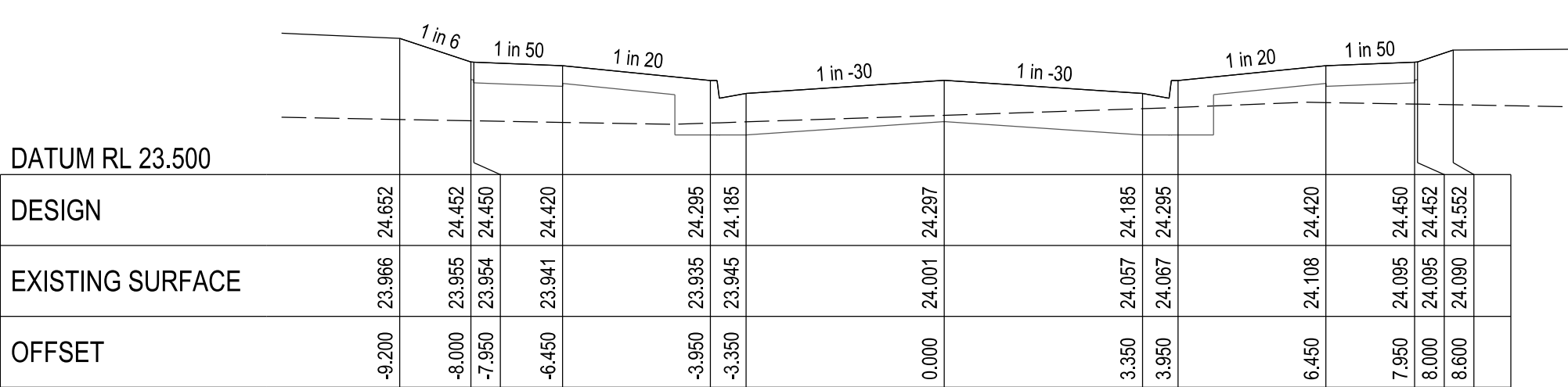
CHAINAGE 150.40



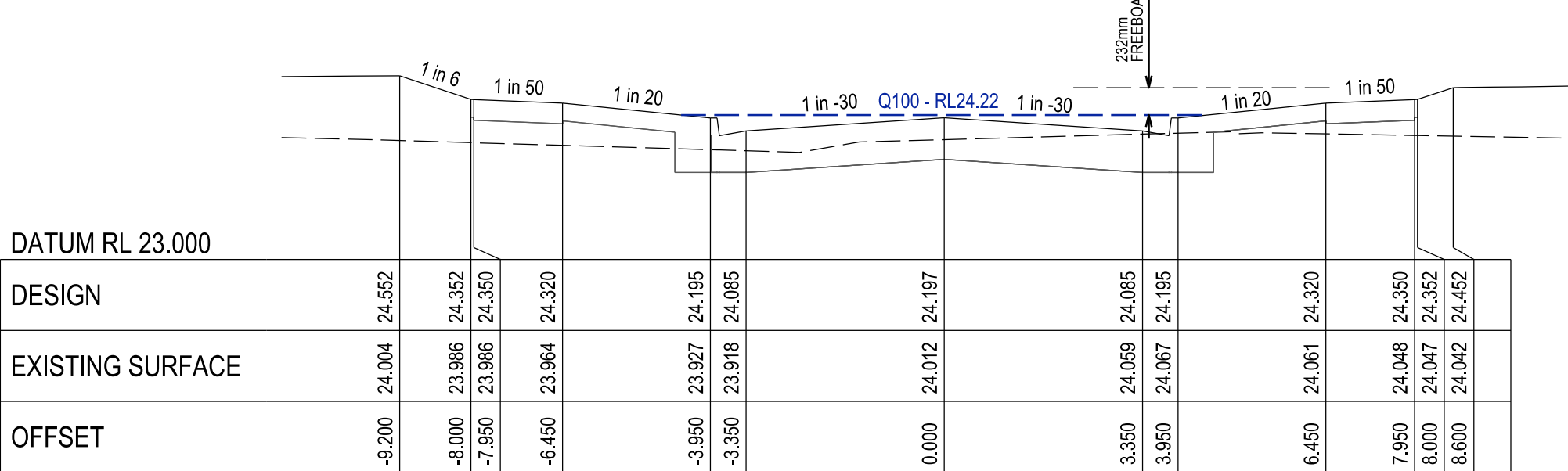
CHAINAGE 137.90



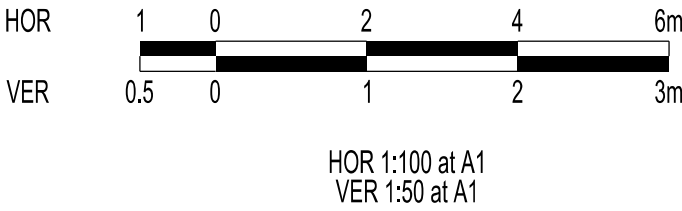
CHAINAGE 231.08



CHAINAGE 203.03



CHAINAGE 190.73



VERSION DETAILS:			
REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC
FILENAME: P:\1470\1470_9\1470-9_R21.dgn			
DRAWN:	C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
DESIGNED:	R.COLMAN	DATE: JUN 2024	DATE PRINTED: 13/02/2025
AUTHORISED:	R.BREWSTER	DATE: JUN 2024	
 SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930 www.charltondegg.com.au			
COUNCIL: CARDINIA SHIRE COUNCIL			
TITLE: 100 LECKY ROAD PTY LTD BANYAN ESTATE - STAGE 9 70-100 LECKY ROAD, OFFICER ROAD AND DRAINAGE PLANS MULBERRY ROAD CROSS SECTIONS - SHEET 2			
DRG NO. 1470-9/R21	REV. H	SHEET 21 OF 34	

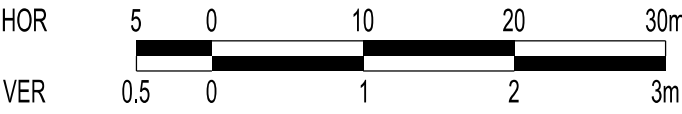
WARNING
BEWARE OF UNDERGROUND SERVICES

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.



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LOCATION OF WATER, GAS, ELECTRICITY AND TELECOMMUNICATION SERVICES ARE INDICATIVE ONLY



HOR 1:500 at A1
VER 1:50 at A1

LEGEND



PIPE GRADE (1 in)
PIPE SIZE (mm)
PIPE CURVE RADIUS (m)
PIPE CLASS/TYPE
Vcap - CAPACITY VELOCITY (m/s)
Q - PIPE FLOW (m3/s)
Qcap - CAPACITY FLOW (m3/s)

DATUM RL 11.00

BACKFILL TYPE												
COVER (& NATURAL SURFACE) LEVEL	23.982 (23.185)	23.125	23.043	23.034	23.254	23.296	23.374	23.579	21.400 (23.563)			
DEPTH TO INVERT	3.272	2.275	2.036	2.036	2.184	2.180	2.130	2.306	2.287	0.100		
HYDRAULIC GRADE LINE	21.926 21.982	22.055 22.062	22.183 22.215	22.234 22.296	22.336 22.404	22.423 22.492	22.519 22.549	22.576 22.645	22.646 22.645	22.591		
INVERT LEVEL	20.710	20.850	21.007 21.008	21.028	21.070	21.115 21.165	21.194 21.244	21.274 21.292	21.300			
PIPE CHAINAGE	468.773	538.635	618.112	628.424	643.200	651.512	663.053	674.945	678.245			
LENGTH	(69.862)		(78.477)		(8.312)		(11.540)		(3.300)			

FUTURE
LECKY
ROAD

FUTURE
LECKY
ROAD

FUTURE
LECKY
ROAD

FUTURE
LECKY
ROAD

FUTURE
ROAD

Ex.
1.13

1.14

1.15

1.16

1.17

1.18

1.19

1.20

TEMP
1.21

FUTURE
STAGE 11

FUTURE
STAGE 11

INSTALL 2 x 225D BLOCK
OUTS FOR FUTURE
DBGSEP @ IL22.74

INSTALL 225D BLOCK
OUTS FOR FUTURE
DBGSEP @ IL22.79

EDD22.80

TEMP.
RETARDING
BASIN

NWL21.30

TEMP.
SEDIMENT
POND

EX. GAS 180PIPE 180mm CLR 0.377
EX. COMMS 100mm CLR 0.728

VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\12 - Design\6 - DGN\1470-9_R22.dgn

DRAWN: C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
DESIGNED: R.COLMAN	DATE: JUN 2024	DATE PRINTED: 13/02/2025
AUTHORISED: R.BREWSTER	DATE: JUN 2024	



SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
www.charltondegg.com.au

COUNCIL:
CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
DRAINAGE LONGITUDINAL SECTIONS - SHEET 1

DRG NO. 1470-9/R22	REV. H	SHEET 22 OF 34
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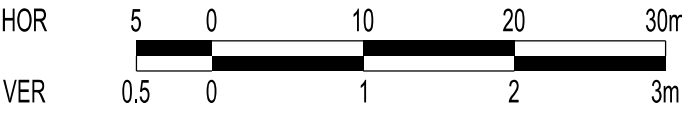
WARNING
BEWARE OF UNDERGROUND SERVICES

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Major Cables exist in the area, if your activities are within Telstra encroachment distances (see duty of care) contact 03 9632 9961 at least 2 business days before starting activity.

LOCATION OF WATER, GAS, ELECTRICITY AND TELECOMMUNICATION SERVICES ARE INDICATIVE ONLY



HOR 1:500 at A1
VER 1:50 at A1

LEGEND



PIPE GRADE (1 in)
PIPE SIZE (mm)
PIPE CURVE RADIUS (m)
PIPE CLASS/TYPE
Vcap - CAPACITY VELOCITY (m/s)
Q - PIPE FLOW (m3/s)
Qcap - CAPACITY FLOW (m3/s)

DATUM RL

BACKFILL TYPE

COVER (& NATURAL SURFACE) LEVEL
(---)

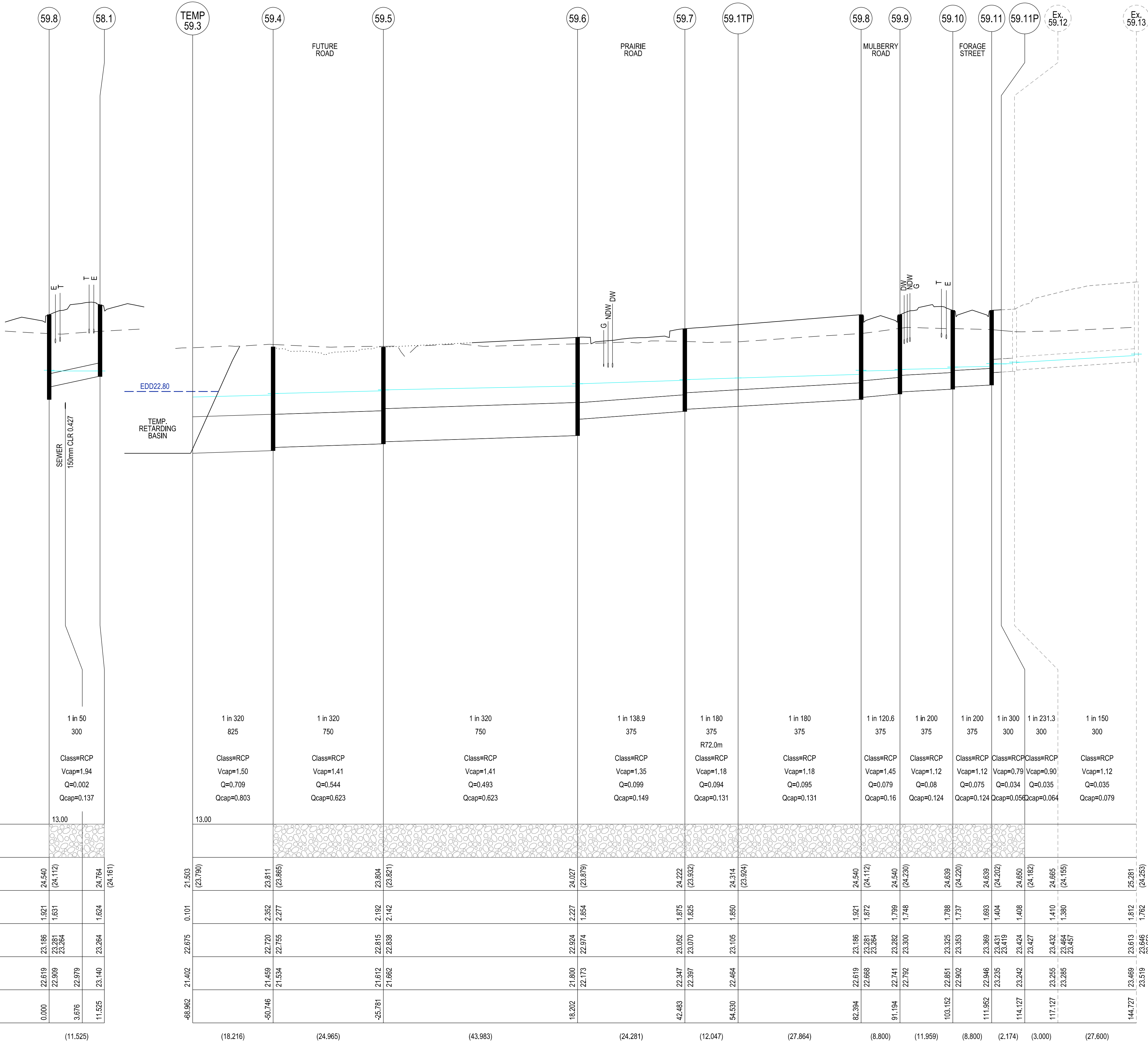
DEPTH TO INVERT

HYDRAULIC GRADE LINE

INVERT LEVEL

PIPE CHAINAGE

LENGTH



VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\E\2 - Design\6 - DGN\1470-9_R23.dgn

DRAWN:	C.BAXTER	DATE:	JUN 2024	SCALE:	AS SHOWN
DESIGNED:	R.COLMAN	DATE:	JUN 2024	DATE PRINTED:	13/02/2025
AUTHORISED:	R.BREWSTER	DATE:	JUN 2024		



SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
www.charltondegg.com.au

COUNCIL:
CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
DRAINAGE LONGITUDINAL SECTIONS - SHEET 2

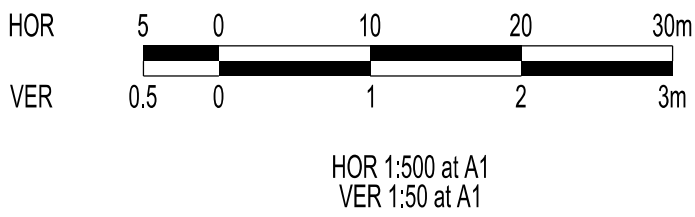
DRG NO. 1470-9/R23	REV. H	SHEET 23 OF 34
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WARNING
BEWARE OF UNDERGROUND SERVICES

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LOCATION OF WATER, GAS, ELECTRICITY AND TELECOMMUNICATION SERVICES ARE INDICATIVE ONLY



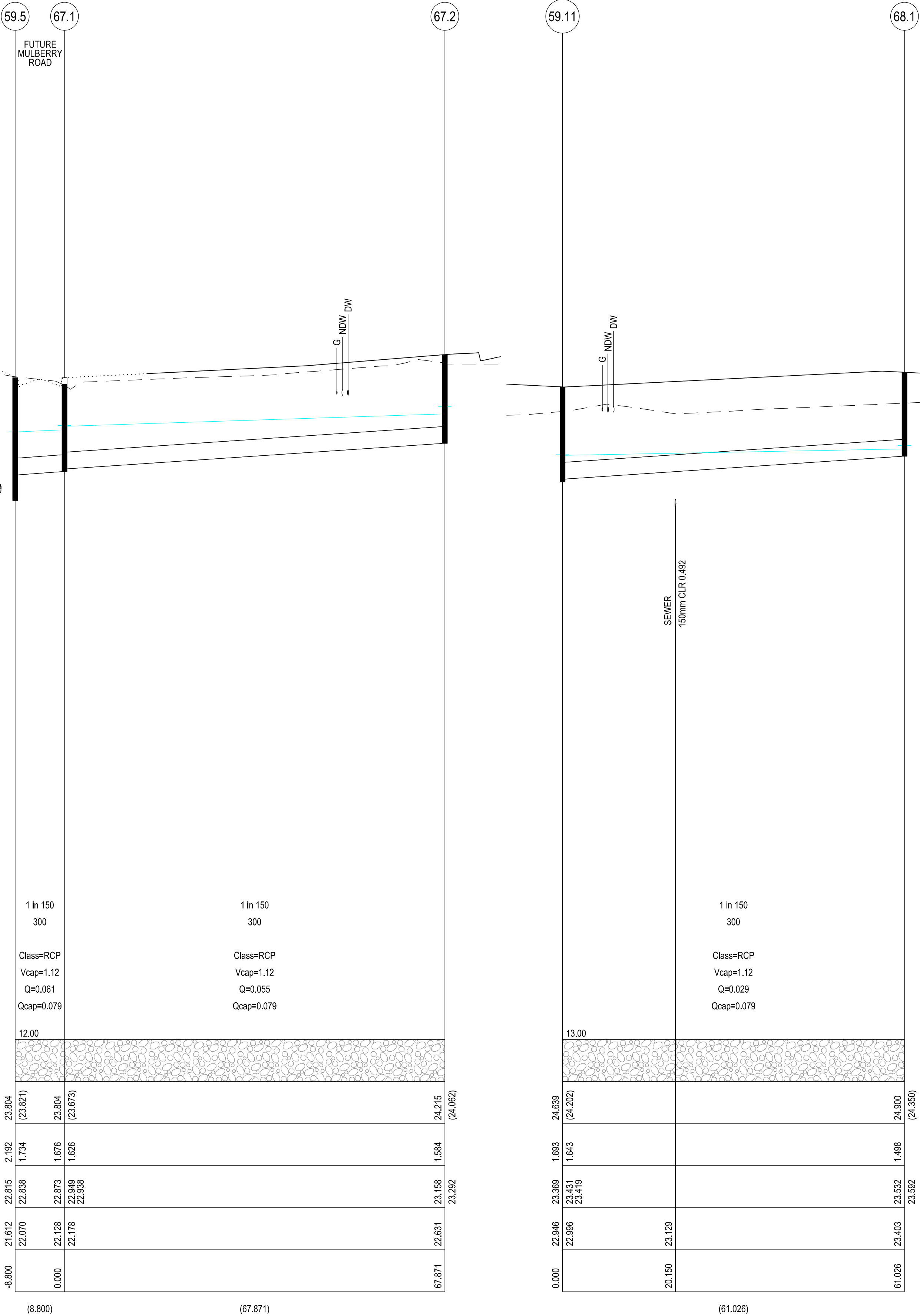
LEGEND



PIPE GRADE (1 in)
PIPE SIZE (mm)
PIPE CURVE RADIUS (m)
PIPE CLASS/TYPE
Vcap - CAPACITY VELOCITY (m/s)
Q - PIPE FLOW (m3/s)
Qcap - CAPACITY FLOW (m3/s)

DATUM RL	13.00			
BACKFILL TYPE				
COVER (& NATURAL SURFACE) LEVEL	25.281 (24.283)	25.306 (24.279)		25.466 (24.446)
DEPTH TO INVERT	1.812 1.762	1.767		1.489
HYDRAULIC GRADE LINE	23.613 23.646 23.659	23.683 23.696		24.144 24.240
INVERT LEVEL	23.469 23.519	23.539		23.997
PIPE CHAINAGE	144.727	147.727		216.501

LENGTH (3.000) (68.774)



VERSION DETAILS:			
REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC
FILENAME: P:\1470\1470_9\E\2 - Design\6 - DGN\1470-9_R24.dgn			
DRAWN:	C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
DESIGNED:	R.COLMAN	DATE: JUN 2024	DATE PRINTED: 13/02/2025
AUTHORISED:	R.BREWSTER	DATE: JUN 2024	
 SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930 www.charltondegg.com.au			
COUNCIL: CARDINIA SHIRE COUNCIL			
TITLE: 100 LECKY ROAD PTY LTD BANYAN ESTATE - STAGE 9 70-100 LECKY ROAD, OFFICER ROAD AND DRAINAGE PLANS DRAINAGE LONGITUDINAL SECTIONS - SHEET 3			
DRG NO. 1470-9/R24	REV. H	SHEET 24 OF 34	

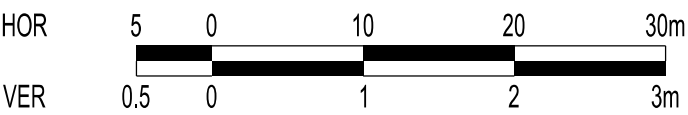
WARNING
BEWARE OF UNDERGROUND SERVICES

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LOCATION OF WATER, GAS, ELECTRICITY AND TELECOMMUNICATION SERVICES ARE INDICATIVE ONLY



HOR 1:500 at A1
VER 1:50 at A1

LEGEND



PIPE GRADE (1 in)
PIPE SIZE (mm)
PIPE CURVE RADIUS (m)
PIPE CLASS/TYPE
Vcap - CAPACITY VELOCITY (m/s)
Q - PIPE FLOW (m3/s)
Qcap - CAPACITY FLOW (m3/s)

DATUM RL

BACKFILL TYPE

COVER (& NATURAL SURFACE) LEVEL
(— — — —)

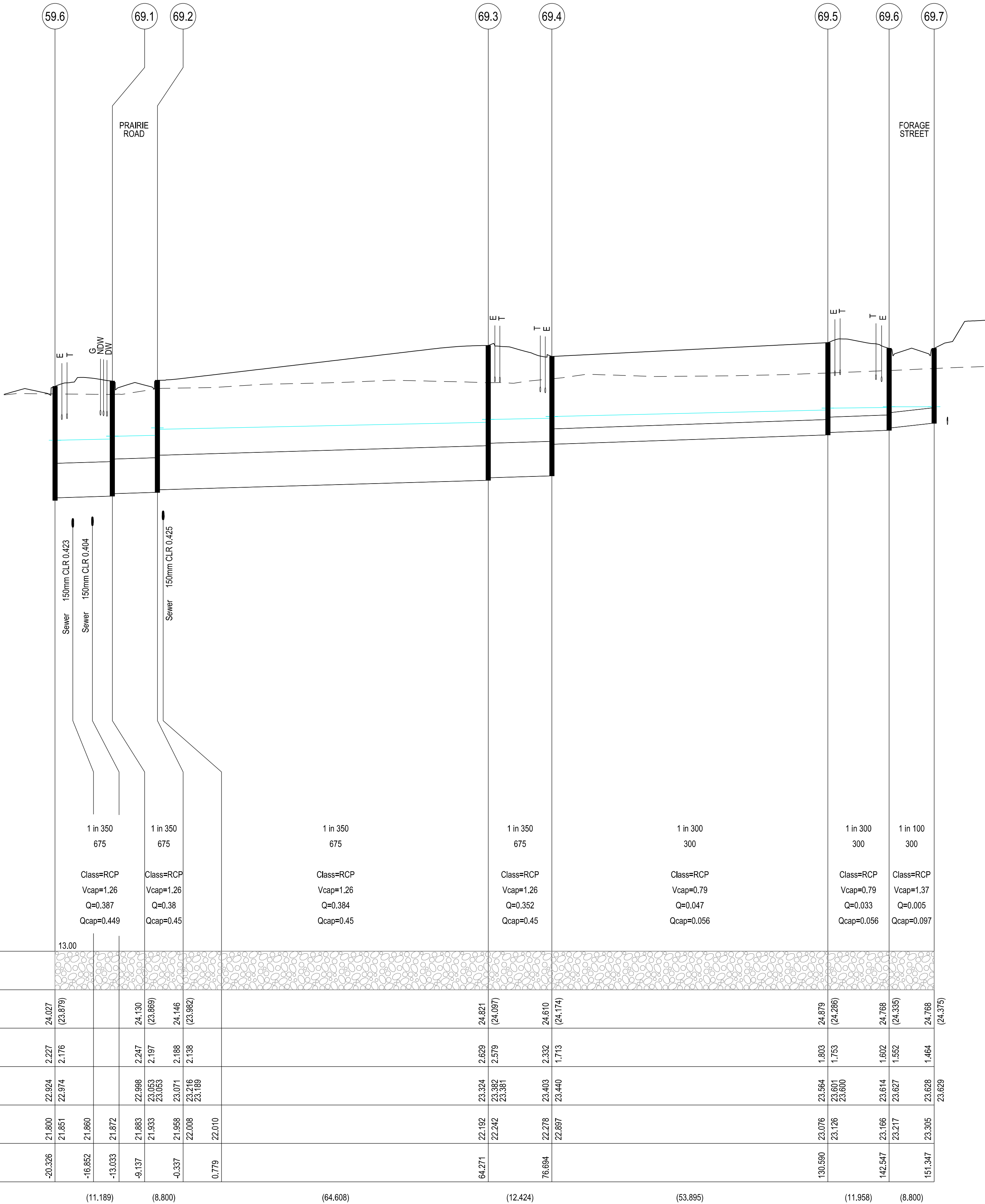
DEPTH TO INVERT

HYDRAULIC GRADE LINE

INVERT LEVEL

PIPE CHAINAGE

LENGTH



VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\E\2 - Design\6 - DGN\1470-9_R25.dgn

DRAWN:	C.BAXTER	DATE:	JUN 2024	SCALE:	AS SHOWN
DESIGNED:	R.COLMAN	DATE:	JUN 2024	DATE PRINTED:	13/02/2025
AUTHORISED:	R.BREWSTER	DATE:	JUN 2024		



SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
www.charltondegg.com.au

COUNCIL:
CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
DRAINAGE LONGITUDINAL SECTIONS - SHEET 4

DRG NO. 1470-9/R25	REV. H	SHEET 25 OF 34
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WARNING

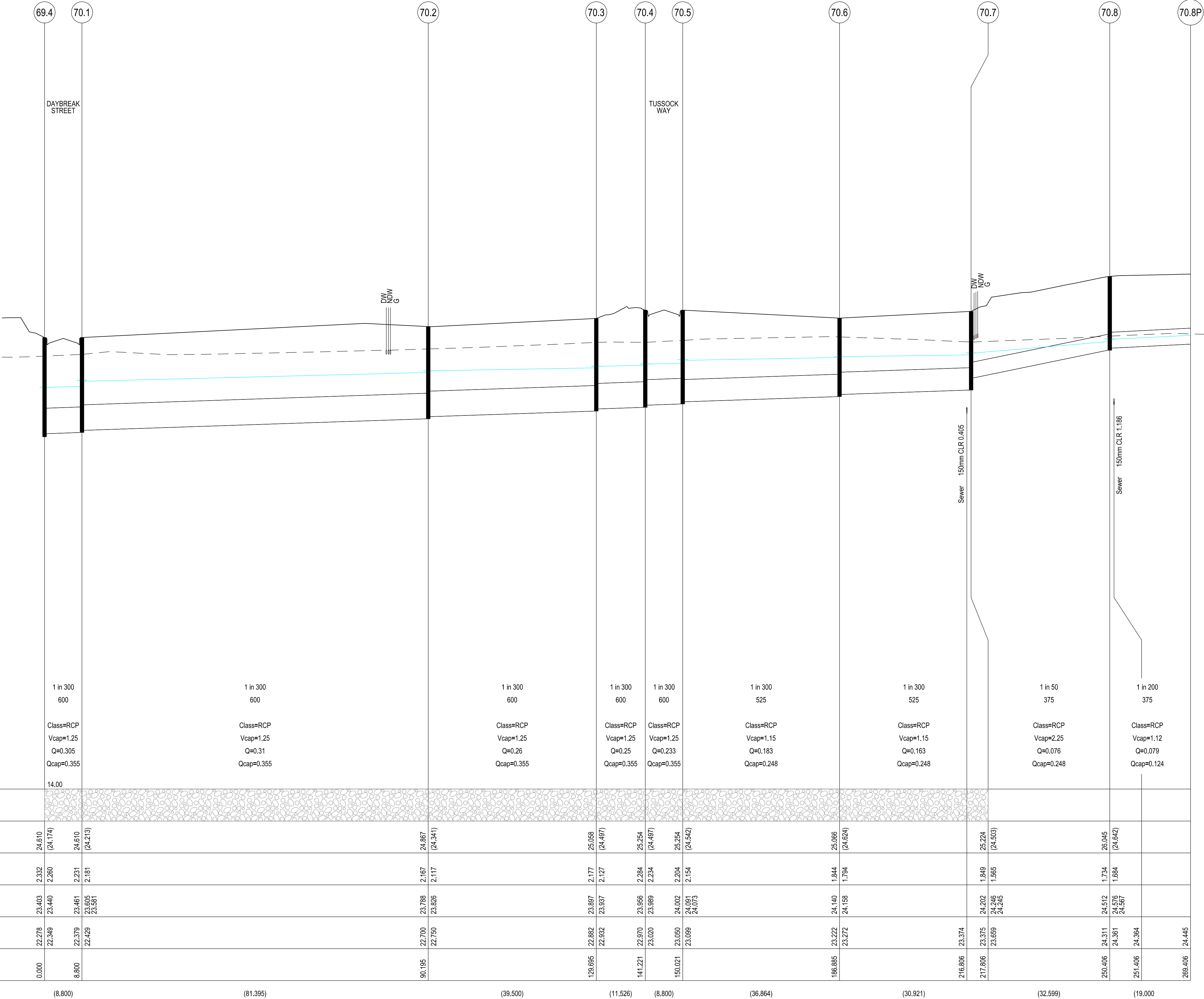
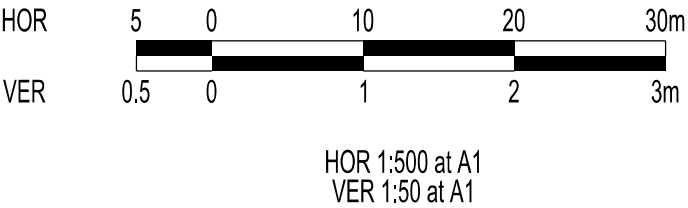
BEWARE OF UNDERGROUND SERVICES

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STOP

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LOCATION OF WATER, GAS, ELECTRICITY AND TELECOMMUNICATION SERVICES ARE INDICATIVE ONLY



VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\E\2 - Design\6 - DGN\1470-9_R26.dgn

DRAWN:	C.BAXTER	DATE:	JUN 2024	SCALE:	AS SHOWN
DESIGNED:	R.COLMAN	DATE:	JUN 2024	DATE PRINTED:	13/02/2025
AUTHORISED:	R.BREWSTER	DATE:	JUN 2024		

SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
www.charltondegg.com.au

COUNCIL:
CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
DRAINAGE LONGITUDINAL SECTIONS - SHEET 5

DRG NO.	REV.	SHEET 26 OF 34
1470-9/R26	H	

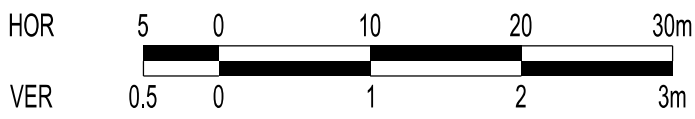
WARNING
BEWARE OF UNDERGROUND SERVICES

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LOCATION OF WATER, GAS, ELECTRICITY AND TELECOMMUNICATION SERVICES ARE INDICATIVE ONLY



HOR 1:500 at A1
VER 1:50 at A1

LEGEND



PIPE GRADE (1 in)
PIPE SIZE (mm)
PIPE CURVE RADIUS (m)
PIPE CLASS/TYPE
Vcap - CAPACITY VELOCITY (m/s)
Q - PIPE FLOW (m3/s)
Qcap - CAPACITY FLOW (m3/s)

DATUM RL	14.00	
BACKFILL TYPE		
COVER (& NATURAL SURFACE) LEVEL	25.245 (24.420)	25.489 (24.560)
DEPTH TO INVERT	1.589	1.400
HYDRAULIC GRADE LINE	24.290 24.306 24.314 24.333 24.333	24.348 24.349
INVERT LEVEL	23.676 23.751 23.761 23.831	
PIPE CHAINAGE	0.000 8.800	34.650
LENGTH	(8.800)	(25.850)

70.7	73.1	73.2	73.1P
1 in 300	1 in 300	1 in 100	
375	375	300	
Class=RCP	Class=RCP	Class=RCP	
Vcap=0.92	Vcap=0.92	Vcap=1.37	
Q=0.059	Q=0.06	Q=0.025	
Qcap=0.101	Qcap=0.101	Qcap=0.097	
14.00			
25.224 (24.503)	25.316 (24.423)	25.245 (24.420)	25.489 (24.511)
1.849	1.679	1.589	1.504
24.201 24.244	24.264 24.276	24.290 24.306	24.323 24.324
23.375 23.525	23.687 23.637	23.676 23.727	23.985
-30.308	-11.958	0.000	25.850
(18.350)	(11.958)	(25.850)	

59.4	76.1	76.2	76.3	76.4	76.5
1 in 296	1 in 300	1 in 300	1 in 50		1 in 150
525	450	450	300		300
Class=RCP	Class=RCP	Class=RCP	Class=RCP		Class=RCP
Vcap=1.16	Vcap=1.04	Vcap=1.04	Vcap=1.94		Vcap=1.12
Q=0.172	Q=0.099	Q=0.087	Q=0.046		Q=0.047
Qcap=0.25	Qcap=0.165	Qcap=0.165	Qcap=0.137		Qcap=0.079
12.00					
23.811 (23.865)	23.856	23.838	23.793 (23.805)	24.359 (23.888)	24.782 (23.947)
1.953	1.910	1.863	1.704	1.582	1.672
22.775	22.773	22.805	22.873	22.943	23.279
21.858	21.896	21.946	22.089	22.777	23.110
21.869	21.883	21.975	22.185	22.827	23.283
-32.373	-28.467	-19.667	-17.967	29.218	71.718
(11.141)	(8.800)	(19.285)	(29.600)	(42.500)	

VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\12 - Design\6 - DGN\1470-9_R27.dgn

DRAWN:	C.BAXTER	DATE:	JUN 2024	SCALE:	AS SHOWN
DESIGNED:	R.COLMAN	DATE:	JUN 2024	DATE PRINTED:	13/02/2025
AUTHORISED:	R.BREWSTER	DATE:	JUN 2024		



SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
www.charltondegg.com.au

COUNCIL:
CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
DRAINAGE LONGITUDINAL SECTIONS - SHEET 6

DRG NO. 1470-9/R27	REV. H	SHEET 27 OF 34
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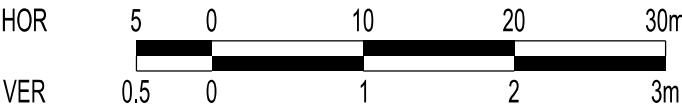
WARNING
BEWARE OF UNDERGROUND SERVICES

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LOCATION OF WATER, GAS, ELECTRICITY AND TELECOMMUNICATION SERVICES ARE INDICATIVE ONLY



HOR 1:500 at A1
VER 1:50 at A1

LEGEND



FCR
BACKFILL

PIPE GRADE (1 in) 1 in 150
PIPE SIZE (mm) 300
PIPE CURVE RADIUS (m)
PIPE CLASS/TYPE Class=RCP
Vcap - CAPACITY VELOCITY (m/s) Vcap=1.12
Q - PIPE FLOW (m3/s) Q=0.049
Qcap - CAPACITY FLOW (m3/s) Qcap=0.079

DATUM RL	13.00		
BACKFILL TYPE			
COVER (& NATURAL SURFACE) LEVEL	24.762 (23.947)	24.926 (25.209)	
DEPTH TO INVERT	1.672 1.622	1.383	
HYDRAULIC GRADE LINE	23.278 23.293 23.351	23.715 23.890	
INVERT LEVEL	23.110 23.160	23.543	
PIPE CHAINAGE	71.718	128.195	

LENGTH (57.477)

70.2	79.1	79.1P	
DAYBREAK STREET			
1 in 200 1 in 100			
Class=RCP Class=RCP			
Vcap=0.97 Vcap=1.37			
Q=0.028 Q=0.022			
Qcap=0.068 Qcap=0.097			
13.00			
24.867 (24.341)	24.867 (24.376)	24.969 (24.442)	
2.167 1.802	1.758 1.708	1.594	
23.767 23.825	23.832 23.849 23.846	23.858 23.859	
22.700 23.065	23.109 23.159	23.375	
8.800		30.350	

(8.800) (21.550)

69.6	82.1	
1 in 150		
Class=RCP		
Vcap=1.12		
Q=0.025		
Qcap=0.079		
14.00		
24.768 (24.335)	24.917 (24.310)	
1.602 1.552	1.502	
23.614 23.627	23.643 23.687	
23.166 23.216	23.415	
23.798		

(29.799)

69.3	101.1	101.2	
DAYBREAK STREET PRAIRIE ROAD			
1 in 150			
Class=RCP			
Vcap=1.12			
Q=0.021			
Qcap=0.079			
13.00			
24.821 (24.087)	24.579 (24.136)	24.579 (24.086)	
2.629 2.077	1.543 1.463	1.455	
23.324 23.380 23.381	23.402 23.435 23.435	23.454 23.454	
22.192 22.744	23.035 23.085	23.144	
20.216	43.753	62.555	

(43.753) (8.802)

VERSION DETAILS:

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B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
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F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

FILENAME: P:\1470\1470_9\E\2 - Design\6 - DGN\1470-9_R28.dgn

DRAWN: C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
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ROAD AND DRAINAGE PLANS
DRAINAGE LONGITUDINAL SECTIONS - SHEET 7

DRG NO. 1470-9/R28	REV. H	SHEET 28 OF 34
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PIT SCHEDULE												
PIT				INTERNAL		INLET		OUTLET		PIT		
NAME	TYPE	EASTING	NORTHING	WIDTH	LENGTH	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH	REMARKS
TEMP. 1.21		361548.268	5783815.766					225	21.300			Temporary retarding basin outlet
1.20	JP	361548.214	5783812.164	1050	1650	825	21.324	825	21.274	23.579	2.306	EDCM 607. Provide blackout in west wall.
							225	21.292				Temporary Inlet from Sediment Pond
1.19	GSEP	361556.356	5783803.495	1050	2100	825	21.244	825	21.194	23.374	2.180	VR SD 1023. Install 225 dia block outs for future GSEP @ IL22.79 in north side of pit shaft.
1.18	JP	361564.658	5783795.479	1050	1650	825	21.165	825	21.115	23.295	2.180	VR SD 1023
1.17	DBGSEP	361564.792	5783787.168	1050	1650	825	21.070	825	21.070	23.254	2.184	VR SD 1023. Install 2 x 225 dia block outs for future DBGSEP @ IL22.74 in east side of pit shaft.
1.16	JP	361577.335	5783776.059	600	1650	825	21.028	825	21.028	23.034	2.005	EDCM 607. Class D trafficable lid.
1.15	JP	361584.953	5783776.207	1650	1650	825	21.008	1200	21.007	23.043	2.036	VR SD 1023. Class D trafficable lid.
						825	21.007					Provide blackout in north wall.
1.14	JP	361663.811	5783777.561	1650	900	1200	20.850	1200	20.850	23.125	2.275	EDCM 607. Class D trafficable lid.
Ex. 1.13	GP	361733.928	5783780.184			1200	20.710	1200	20.710	23.982	3.272	Existing pit
58.1	GSEP	361561.415	5784014.287	600	900			300	23.14	24.764	1.624	EDCM 603
59.14	JP	361527.600	5784057.347	600	900			300	23.997	25.466	1.469	EDCM 605
59.1P	EP	361595.289	5784045.182			300	23.539	300	23.539	25.306	1.767	Connect to existing end of pipe.
Ex. 59.13	JP	361598.242	5784044.652			300	23.519	300	23.469	25.281	1.812	Existing Pit
59.12	JP	361593.360	5784017.487			300	23.285	300	23.255	24.665	1.410	Existing Pit
59.11P	EP	361590.407	5784018.018			300	23.242	300	23.242	24.65	1.408	Connect to existing end of pipe.
59.11	DBGSEP	361588.267	5784018.402	600	900	300	23.235	375	22.946	24.639	1.693	EDCM 604
						300	22.996					Line 68 enters
59.10	DBGSEP	361586.710	5784009.741	600	900	375	22.902	375	22.851	24.639	1.788	EDCM 604
59.9	JP	361576.656	5784003.267	600	900	375	22.792	375	22.741	24.54	1.799	EDCM 605
59.8	JP	361567.995	5784004.825	600	900	375	22.668	375	22.619	24.54	1.921	EDCM 605
						300	22.909					Line 58 enters
59.1TP	TP	361563.067	5783977.400			375	22.464	375	22.464	24.314	1.850	Tangent Point (Radius 72m)
59.7	GSEP	361561.932	5783965.420	600	900	375	22.397	375	22.347	24.222	1.875	EDCM 603
59.6	JP	361562.283	5783941.142	1050	1350	375	22.173	750	21.8	24.027	2.227	VR SD 1023
						675	21.851					Line 69 enters
59.5	DBGSEP	361563.009	5783897.165	1050	900	750	21.662	750	21.612	23.804	2.192	EDCM 604 & EDCM 607
						300	22.07					Line 67 enters
59.4	JP	361563.414	5783872.203	1500	1050	750	21.534	825	21.459	23.811	2.352	VR SD 1023
						525	21.858					Line 76 enters
TEMP. 59.3		361551.934	5783858.002			825	21.402					Outlet to temporary retarding basin
67.2	GSEP	361570.729	5783965.320	600	900			300	22.631	24.215	1.584	EDCM 603
67.1	DBGSEP	361571.808	5783897.308	600	900	300	22.178	300	22.128	23.673	1.544	EDCM 604
68.1	JP	361528.204	5784029.197	0	0			300	23.403	24.9	1.498	EDCM 605
69.7	DBGSEP	361502.196	5784033.871	600	900			300	23.305	24.768	1.464	EDCM 604
69.6	DBGSEP	361500.640	5784025.209	600	900	300	23.217	300	23.166	24.768	1.602	EDCM 604
						300	23.216					Line 82 enters
69.5	JP	361490.586	5784018.736	600	900	300	23.126	300	23.076	24.879	1.803	EDCM 605
69.4	DBGSEP	361481.053	5783965.690	1500	900	300	22.897	675	22.278	24.61	2.332	EDCM 604 & EDCM 607
						600	22.349					Line 70 enters
69.3	JP	361487.935	5783956.250	900	1350	675	22.242	675	22.192	24.821	2.629	VR SD 1023
						300	22.744					Line 101 enters
69.2	GSEP	361553.699	5783957.272	900	900	675	22.008	675	21.958	24.146	2.188	EDCM 603 EDCM 607
69.1	GSEP	361553.831	5783948.473	1350	900	675	21.933	675	21.883	24.13	2.247	EDCM 603
70.8P	EP	361542.535	5784127.817					375	24.445	26.236	1.464	Cap and seal end of pipe
70.8	JP	361561.236	5784124.456	600	900	375	24.361	375	24.311	26.045	1.734	EDCM 605
70.7	JP	361555.469	5784092.371	750	900	375	23.659	525	23.375	25.224	1.849	EDCM 607
						375	23.525					Line 73 enters
70.6	DBGSEP	361525.035	5784097.840	750	900	525	23.272	525	23.222	25.066	1.844	EDCM 604 & EDCM 607
						300	23.538					Line 71 enters. Construct block out in southern wall.
70.5	GSEP	361488.753	5784104.360	750	900	525	23.099	600	23.05	25.254	2.204	EDCM 603 EDCM 607
						300	23.35					Line 75 enters
70.4	GSEP	361487.196	5784095.699	1200	900	600	23.02	600	22.97	25.254	2.284	EDCM 603 EDCM 607
						300	23.27					Line 81 enters
70.3	JP	361493.776	5784086.236	1200	900	600	22.932	600	22.882	25.058	2.177	EDCM 607
70.2	DBGSEP	361486.789	5784047.359	900	900	600	22.75	600	22.7	24.867	2.167	EDCM 604 & EDCM 607
						300	23.065					Line 79 enters
70.1	DBGSEP	361472.392	5783967.247	900	900	600	22.429	600	22.379	24.61	2.231	EDCM 604 & EDCM 607
72.1P	EP	361596.156	5784119.196			300	24.09	300	24.09	25.489	1.400	Cap and seal end of pipe
72.1	DBGSEP	361591.760	5784094.738	600	900	300	23.831	300	23.781	25.245	1.464	EDCM 604
73.1P	EP	361587.495	5784120.753	0	0	300	23.985	300	23.985	25.489	1.504	Cap and seal end of pipe
73.2	DBGSEP	361583.099	5784096.295	600	900	300	23.727	375	23.676	25.245	1.569	EDCM 604
						300	23.751					Line 72 enters
73.1	JP	361573.530	5784089.124	600	900	375	23.637	375	23.587	25.316	1.729	EDCM 605

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CARDINIA SHIRE COUNCIL

TITLE:
100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
DRAINAGE PIT SCHEDULE - SHEET 1

DRG NO. 1470-9/R29	REV. H	SHEET 29 OF 34
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WARNING

BEWARE OF UNDERGROUND SERVICES

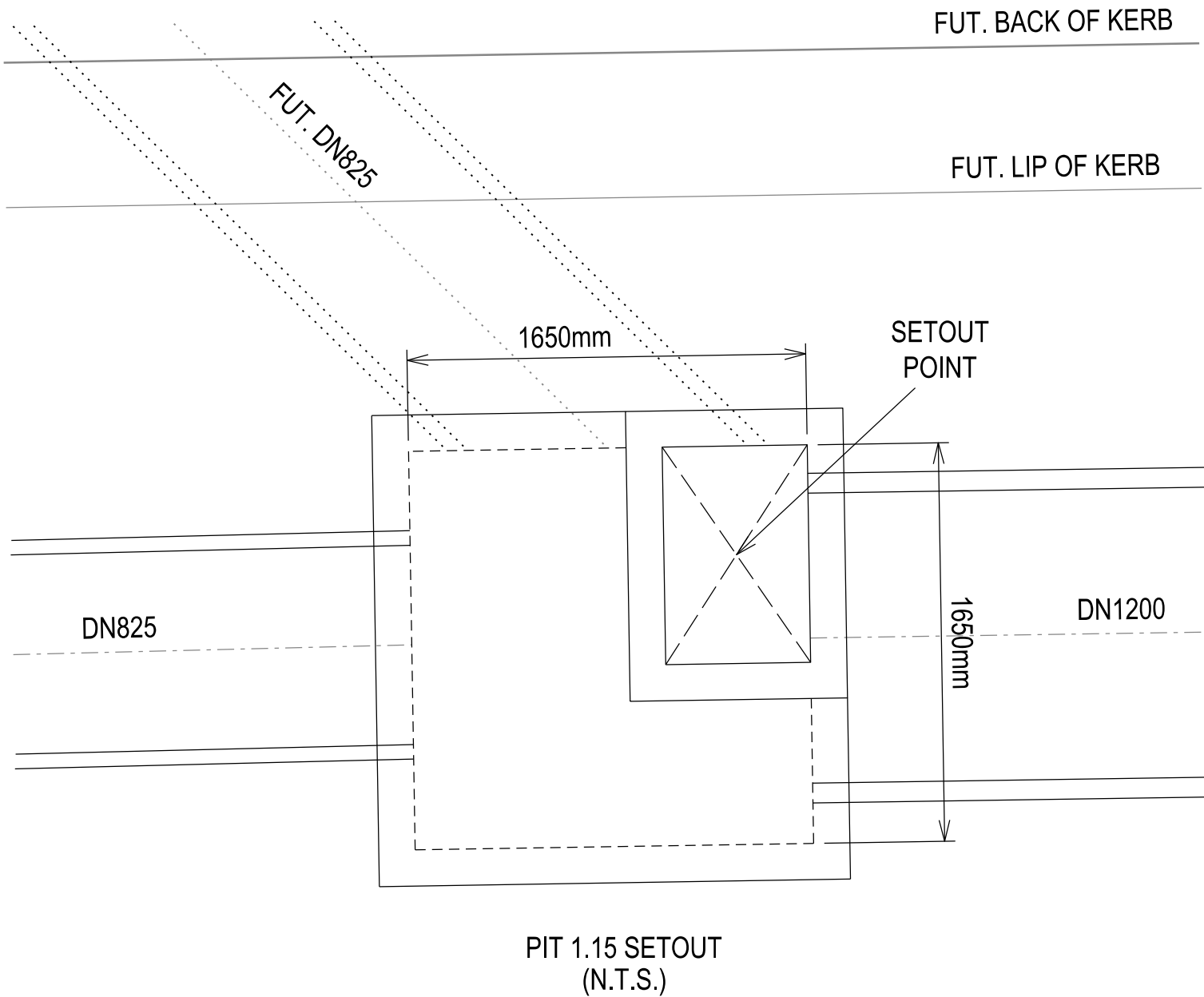
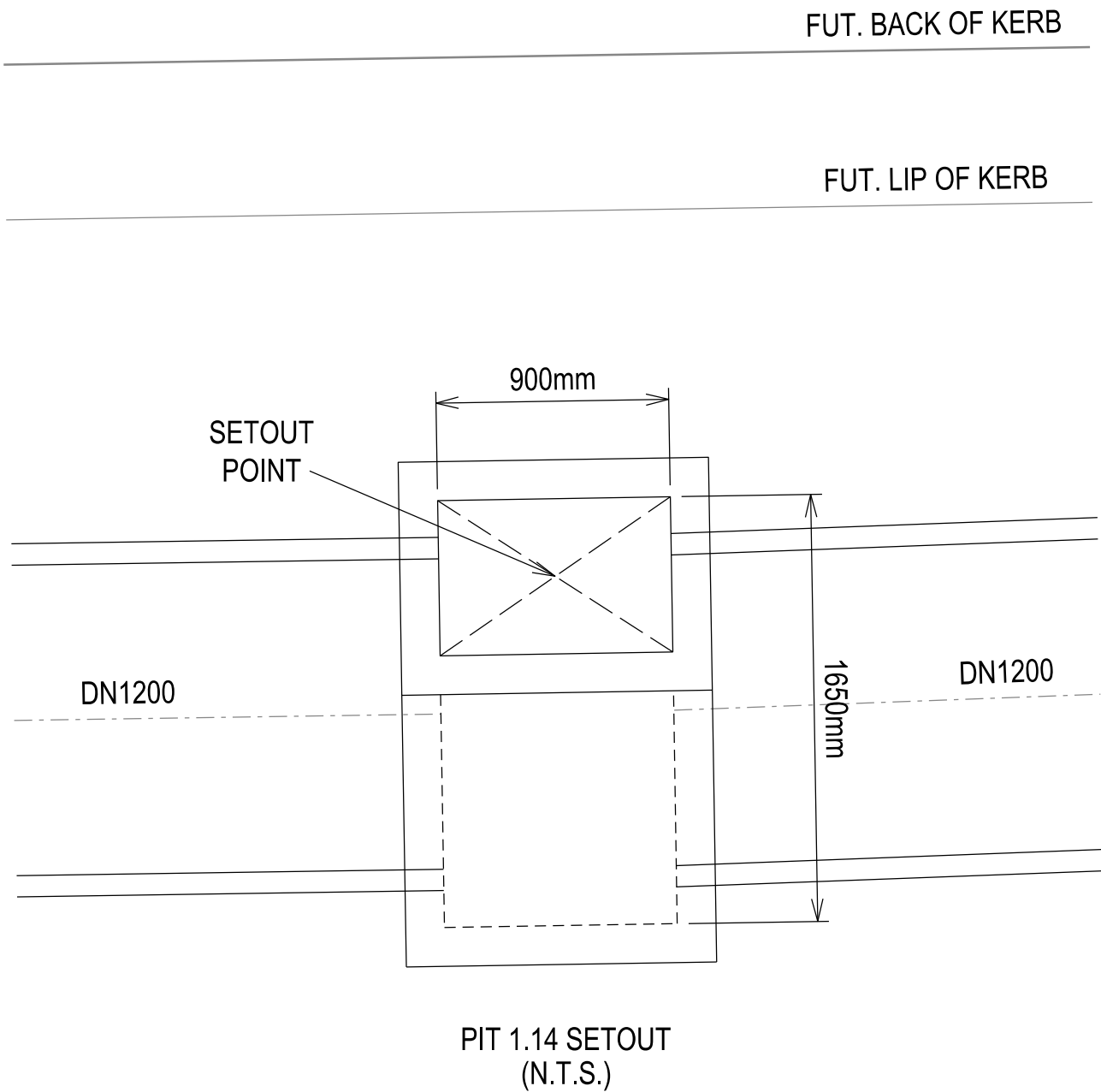
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PIT SCHEDULE												
Pit				INTERNAL		INLET		OUTLET		PIT		
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH	REMARKS
76.6	JP	361435.110	5783915.944	600	900			300	23.543	24.926	1.383	EDCM 605
76.5	JP	361492.580	5783916.876	600	900	300	23.16	300	23.11	24.782	1.672	EDCM 605
76.4	JP	361535.074	5783917.565	600	900	300	22.827	300	22.777	24.359	1.582	EDCM 605
76.3	JP	361535.554	5783887.969	600	900	300	22.185	450	22.089	23.793	1.704	EDCM 605
76.2	JP	361554.837	5783888.282	600	900	450	22.025	450	21.975	23.838	1.863	EDCM 605. Install 2 x 225 dia block outs for future DBGSEP @ IL23.02 in east side of pit shaft.
76.1	JP	361554.979	5783879.483	1050	900	450	21.946	525	21.896	23.856	1.960	EDCM 607. Install 2 x 225 dia block outs for future DBGSEP @ IL23.02 in east side of pit shaft.
79.1P	EP	361499.086	5784066.028			300	23.375	300	23.375	24.969	1.594	Cap and seal end of pipe.
79.1	DBGSEP	361495.451	5784045.802	600	900	300	23.159	300	23.109	24.867	1.758	EDCM 604
82.1	JP	361529.969	5784019.938	600	900			300	23.415	24.917	1.502	EDCM 605
101.2	GSEP	361444.724	5783946.983	600	900			300	23.144	24.579	1.435	EDCM 603
101.1	GSEP	361445.350	5783955.764	600	900	300	23.085	300	23.035	24.579	1.543	EDCM 603



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H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC

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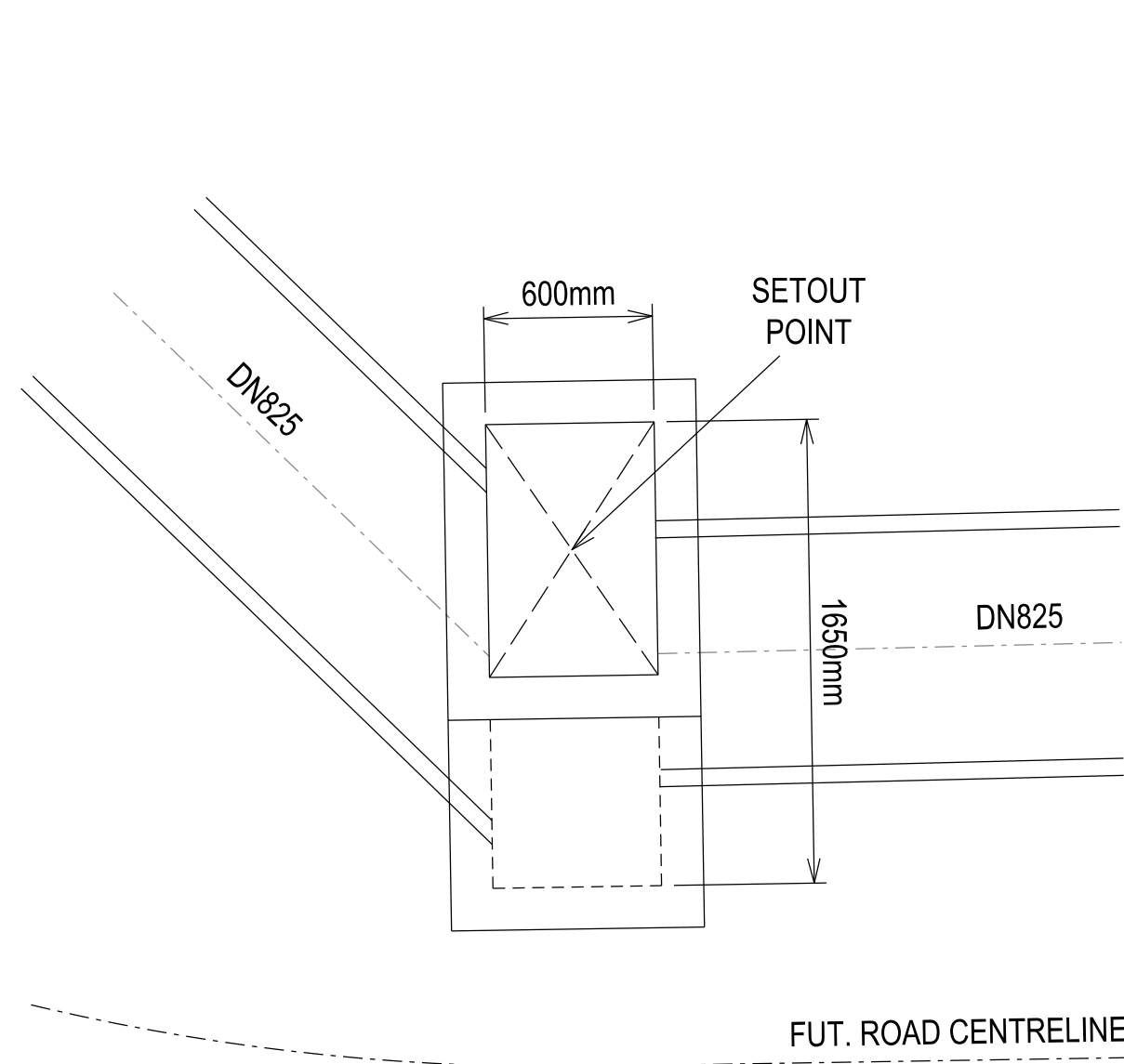
LAND DEVELOPMENT CONSULTANTS

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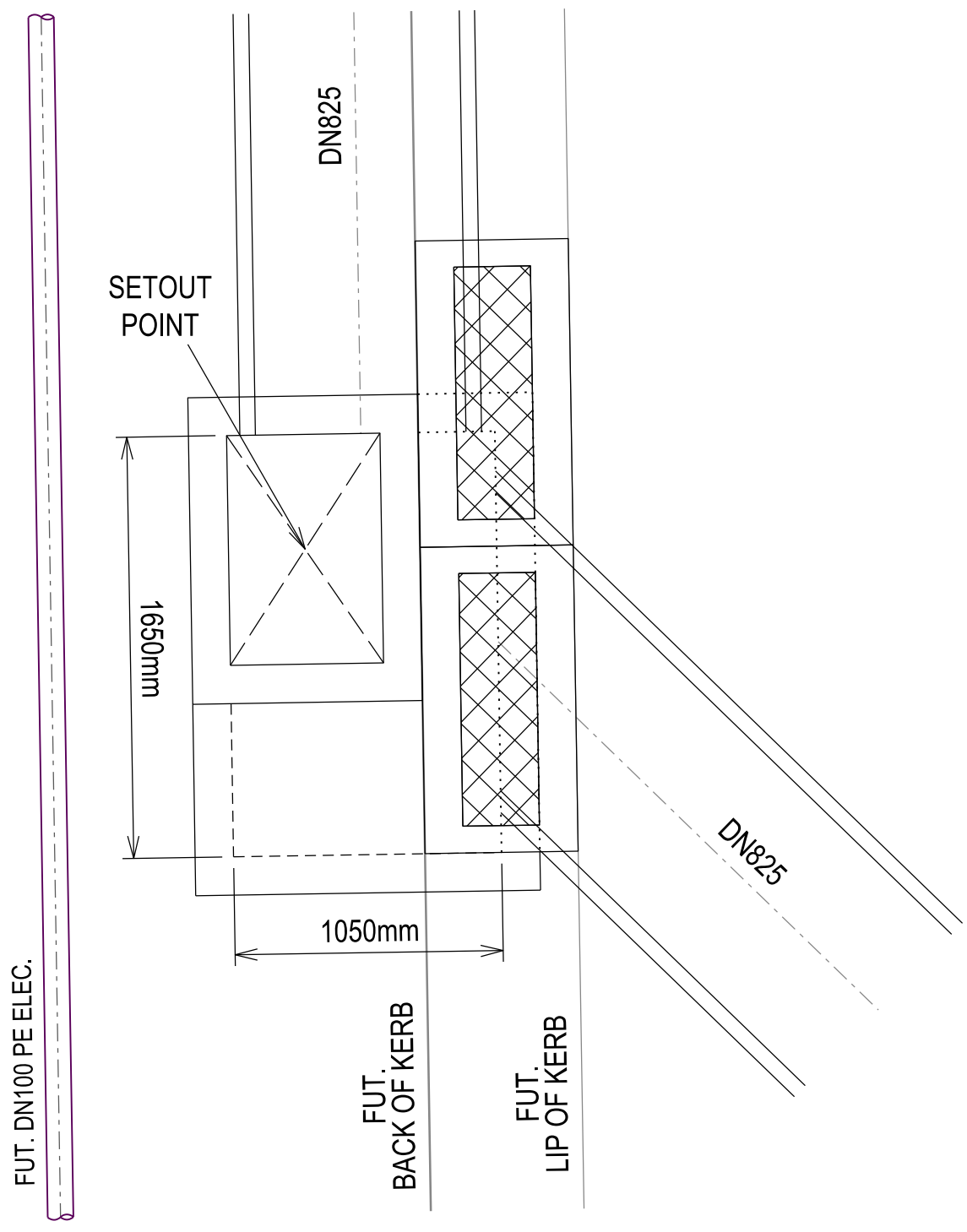
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ROAD AND DRAINAGE PLANS
DRAINAGE PIT SCHEDULE & LECKY ROAD PIT DETAILS

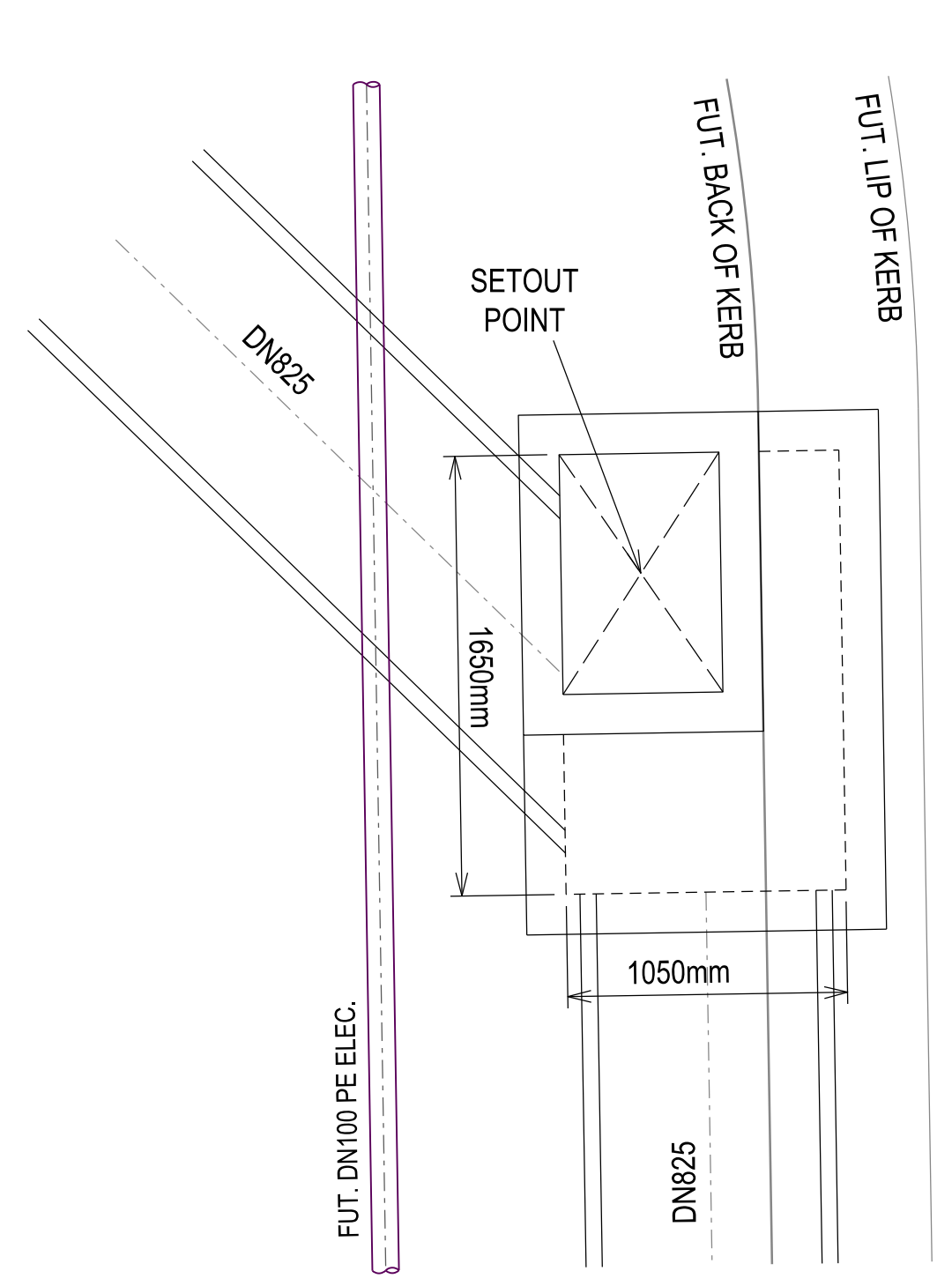
DRG NO. 1470-9/R30	REV. H	SHEET 30 OF 34
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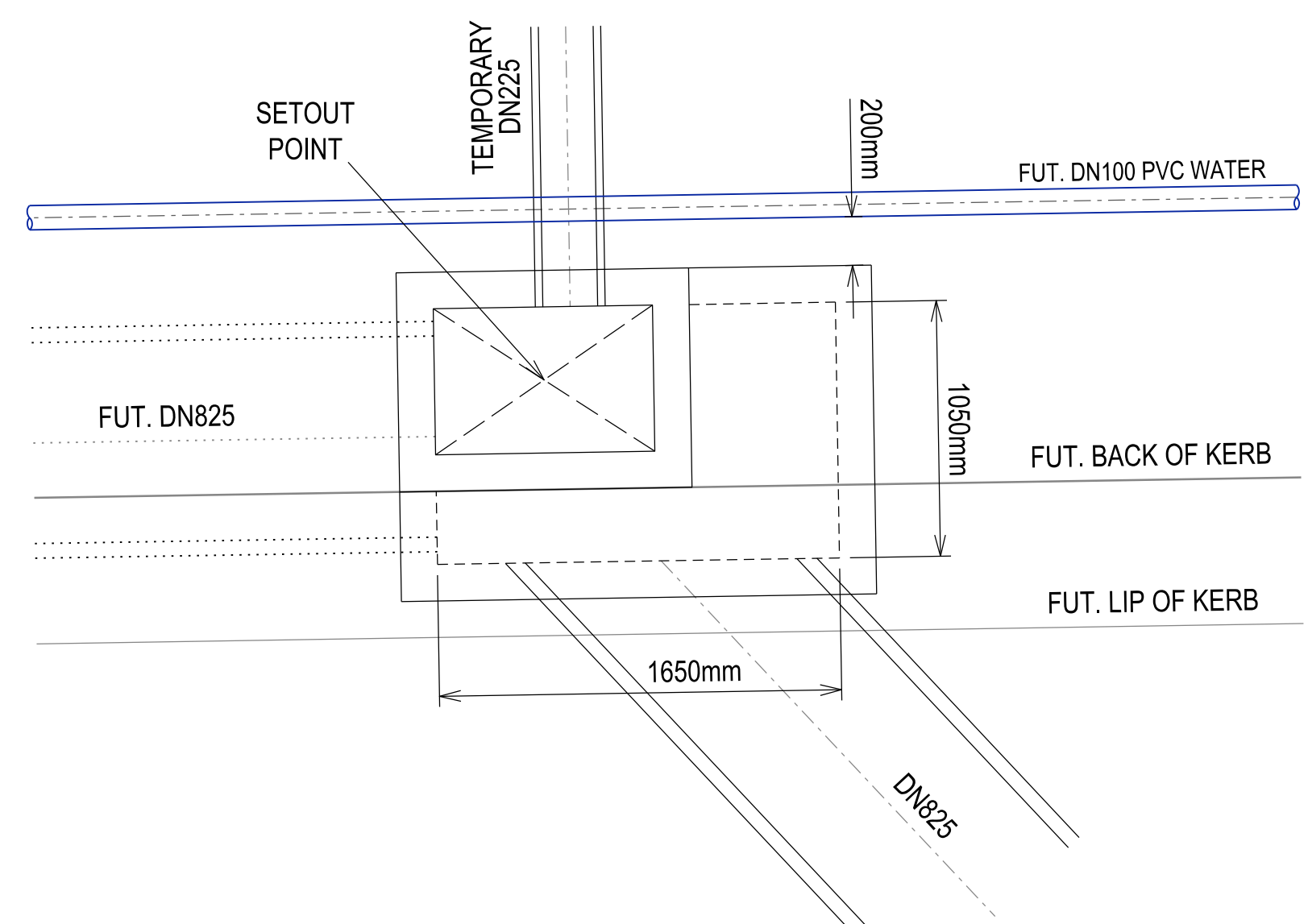
PIT 1.16 SETOUT
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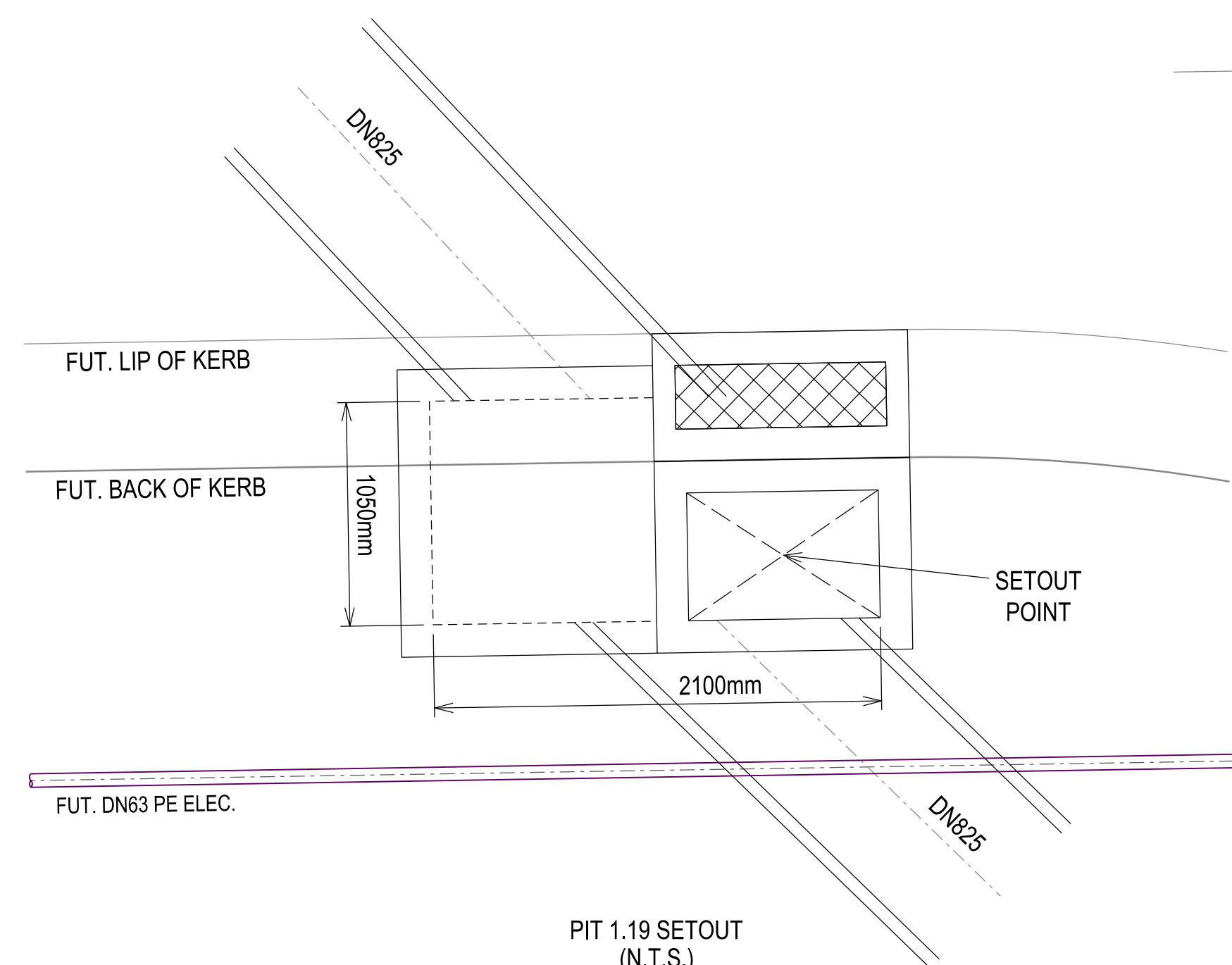
PIT 1.17 SETOUT
(N.T.S.)



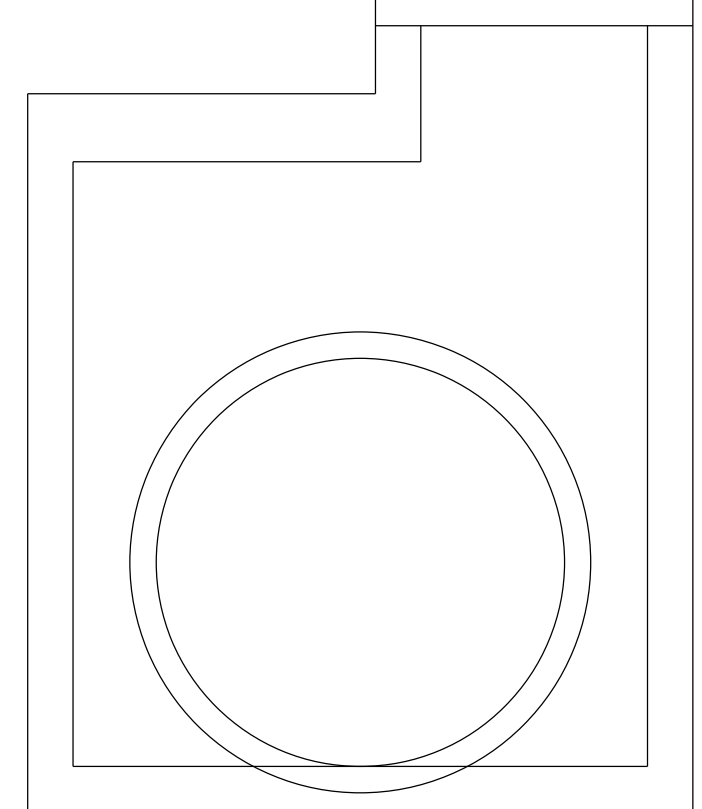
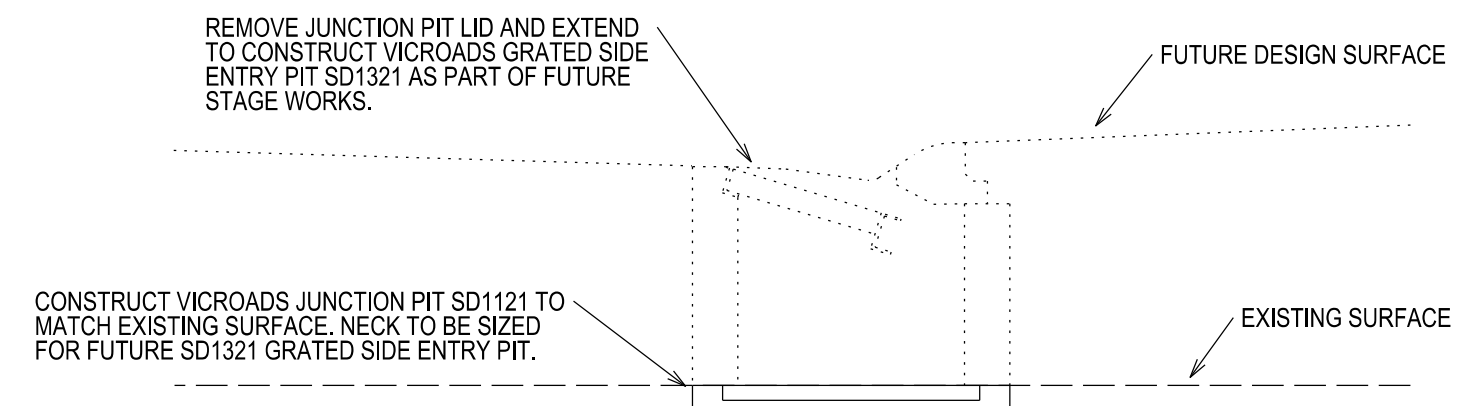
PIT 1.18 SETOUT
(N.T.S.)



PIT 1.20 SETOUT
(N.T.S.)



PIT 1.19 SETOUT
(N.T.S.)



LECKY ROAD PIT DETAIL
(NTS)

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FILENAME: P:\1470\1470_9\12 - Design\6 - DGN\1470-9_R31.dgn			
DRAWN:	C.BAXTER	DATE: JUN 2024	SCALE: AS SHOWN
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COUNCIL: CARDINIA SHIRE COUNCIL			
TITLE: 100 LECKY ROAD PTY LTD BANYAN ESTATE - STAGE 9 70-100 LECKY ROAD, OFFICER ROAD AND DRAINAGE PLANS LECKY ROAD PIT DETAILS			
DRG NO. 1470-9/R31		REV. H	SHEET 31 OF 34

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		DATE PRINTED:	13/02/2025
AUTHORISED:	R.BREWSTER	DATE:	JUN 2024



CHARLTON DEGG
LAND DEVELOPMENT CONSULTANTS

SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
www.charltondegg.com.au

COUNCIL:	
CARDINIA SHIRE COUNCIL	
TITLE:	
100 LECKY ROAD PTY LTD BANYAN ESTATE - STAGE 9 70-100 LECKY ROAD, OFFICER ROAD AND DRAINAGE PLANS SIGNAGE & LINEMARKING PLAN	
DRG NO. 1470-9/R32	REV. H
SHEET 32 OF 34	

WARNING
BEWARE OF UNDERGROUND SERVICES

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STOP

Major Cables exist in the area, if your activities are within Telstra encroachment distances (see duty of care) contact 03 9632 9961 at least 2 business days before starting activity.



LEGEND

- FOOTPATH
- VEHICULAR CROSSOVER
- KERB AND CHANNEL
- ELECTRICITY TELECOMMUNICATION } CONDUITS (REFER TO APPROVED ELECTRICAL AND COMMS PLAN)
- GAS DRINKING WATER NON DRINKING WATER } CONDUITS
- ELECTRICITY MAIN
- TELECOMMUNICATION MAIN
- GAS MAIN
- DRINKING WATER MAIN
- NON DRINKING WATER MAIN
- SEWER MAIN, MAINTENANCE STRUCTURES AND SEWER PROPERTY BRANCHES
- PROPOSED DRAINAGE, PIT, HOUSE DRAIN AND PROPERTY INLET
- EXISTING DRAINAGE AND PIT AND FUTURE DRAINAGE AND PIT
- MELBOURNE WATER SCHEME DRAINAGE AND PIT (COUNCIL ASSET)
- MELBOURNE WATER SCHEME DRAINAGE AND PIT (MELBOURNE WATER ASSET)
- DRAINAGE PIT NUMBER
- PROPOSED CUT AREAS
- PROPOSED FILL AREAS >200mm
- E00.00 EXISTING SURFACE LEVEL
- D00.00 DESIGN SURFACE LEVEL
- B00.00 TOP OF BATTER LEVEL
- P00.00 PADS LEVEL
- #1 STREET NAME SIGN
- LOT SLOPE DIRECTION
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- RETAINING WALLS
- KERB TRANSITION
- OVERLAND FLOW PATH

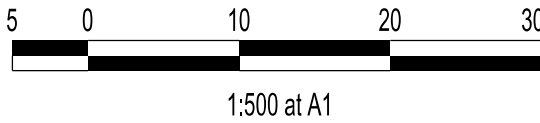
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VERSION DETAILS:			
REV	DATE	DESCRIPTION	STATUS
B	08/07/24	COUNCIL SUBMISSION	PRELIMINARY
C	09/07/24	ELECTRICAL SUBSTATION UPDATE	PRELIMINARY
D	19/08/24	COUNCIL COMMENTS (07/08/24)	IFC
E	21/08/24	FLOOD LEVELS ADDED TO XSECT & Q100 DIVERSION CHANNEL ADDED	IFC
F	04/12/24	DRAINAGE PIT DETAILS ADDED	IFC
G	17/12/24	PIT SCHEDULE AMENDED	IFC
H	13/02/25	ABUTTING LOT LEVELS SHOWN	IFC
FILENAME: P:\1470\1470_9\El2 - Design\6 - DGN\1470-9_R33.dgn			
DRAWN: C.BAXTER		DATE: JUN 2024	SCALE: AS SHOWN
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COUNCIL: CARDINIA SHIRE COUNCIL			
TITLE: 100 LECKY ROAD PTY LTD BANYAN ESTATE - STAGE 9 70-100 LECKY ROAD, OFFICER ROAD AND DRAINAGE PLANS BULK EARTHWORKS PLAN - SHEET 1			
DRG NO. 1470-9/R33		REV. H	SHEET 33 OF 34



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100 LECKY ROAD PTY LTD
BANYAN ESTATE - STAGE 9
70-100 LECKY ROAD, OFFICER
ROAD AND DRAINAGE PLANS
BULK EARTHWORKS PLAN - SHEET 2

DRG NO. 1470-9/R34	REV. H	SHEET 34 OF 34
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