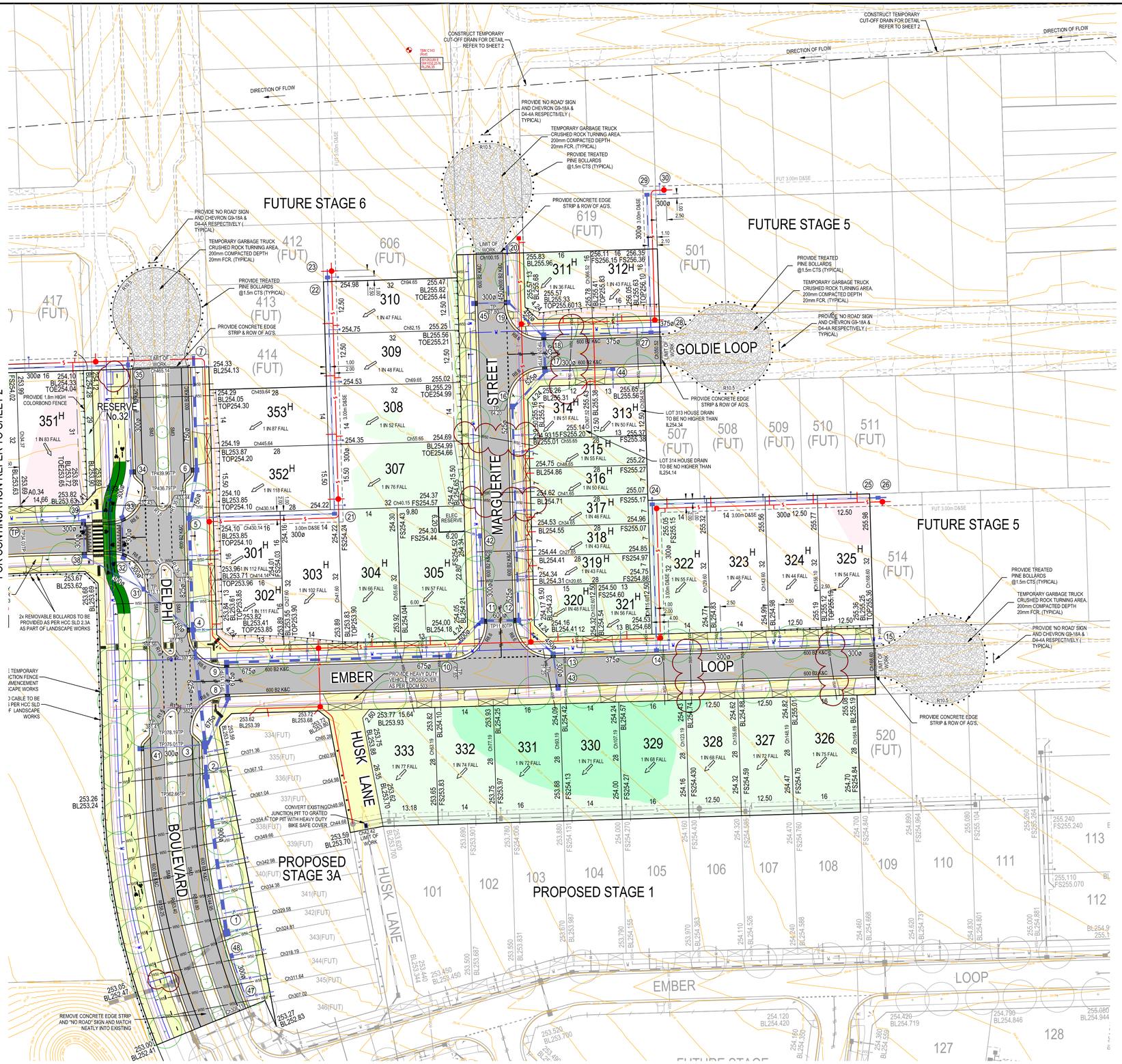


PLAN

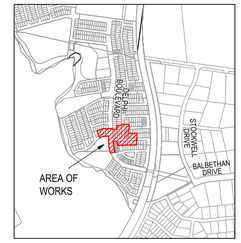
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10 5 0 10 20 40

LENGTHS ARE IN METRES

ISSUED FOR CONSTRUCTION



LOCALITY PLAN

SCALE 1:20000

SHEET INDEX

SHT No.	VER	DESCRIPTION
1	E	DETAIL PLAN, LOCALITY PLAN, SERVICE OFFSET TABLE & SHEET INDEX
2	D	DETAIL PLAN No.2
3	A	GENERAL NOTES, TYPICAL ROAD CROSS SECTIONS & RAISED PAVEMENT DETAIL
4	C	INTERSECTION DETAILS 1
5	B	INTERSECTION DETAILS 2
6	B	DELPHI BOULEVARD - LONGITUDINAL SECTION
7	B	DELPHI BOULEVARD - CROSS SECTIONS
8	A	MARGUERITE STREET - LONGITUDINAL SECTION
9	A	MARGUERITE STREET - CROSS SECTIONS
10	A	EMBER LOOP - LONGITUDINAL SECTION
11	A	EMBER LOOP - CROSS SECTIONS
12	A	GOLDIE LOOP - LONGITUDINAL SECTION & CROSS SECTIONS
13	A	HUSK LANE - LONGITUDINAL SECTION & CROSS SECTIONS
14	A	SKYWAY CIRCUIT - LONGITUDINAL SECTION & CROSS SECTIONS
15	A	DRAINAGE LONGITUDINAL SECTION 1
16	A	DRAINAGE LONGITUDINAL SECTION 2
17	A	DRAINAGE LONGITUDINAL SECTION 3
18	B	DRAINAGE LONGITUDINAL SECTION 4
19	C	PIT SCHEDULE
20	C	SIGNAGE & LINEMARKING PLAN & LANDSCAPE LAYOUT
21	D	PAVEMENT DETAILS
22	C	CAR PARKING PLAN
23	C	TURNING MOVEMENT DETAILS
24	A	CONCRETE JOINTING PLAN

SERVICES OFFSETS AND LOCATIONS

Location	Gas	Water		Communications		Electricity		BOK	Road Width	Joint Trenching	Street Classification
		NDW	DW	Cables	Pits	Cables	Poles				
GOLDIE LOOP	-	-	2.70 N	1.85 S	1.85 N	2.45 S	0.90 BOK	4.35 N 4.05 S	16.00	FTTH&E	LOCAL ACCESS LEVEL 1
MARGUERITE STREET	-	-	2.70 W	1.85 E	1.85 W	2.40 E	0.90 BOK	4.35 E 4.05 W	16.00	FTTH&E	LOCAL ACCESS LEVEL 1
EMBER LOOP	-	-	2.70 N	1.85 S	1.85 N	2.40 S	0.90 BOK	4.35 N 4.05 S	16.00	FTTH&E	LOCAL ACCESS LEVEL 1
HUSK LANE	-	-	-	-	-	-	0.90 BOK	-	8.00	FTTH&E	LOCAL ACCESS LEVEL 1
DELPHI BOULEVARD	-	-	3.50 W	2.80 W	1.85 E	2.00 W	0.90 BOK	4.35/6.45 E 9.15/11.25 W	28.00	FTTH&E	CONNECTOR ROAD
SKYWAY CIRCUIT	-	-	2.70 N	1.85 S	-	2.45 S	0.90 BOK	4.35 N 4.05 S	16.00	FTTH&E	LOCAL ACCESS LEVEL 1

NOTE: a) At the court bowl where water and gas mains pass, the watermain offset is to be increased by 0.5 metres.
b) * Indicates offsets from back of kerb where services do not run parallel to title boundary.
c) ° Indicates Communication pits placed within concrete footpath.

ATTENTION TO CONTRACTOR

1. **IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE DIGITAL PLAN, PROVIDED FOR SETOUT PURPOSES, MATCHES THE TBM COORDINATES SHOWN.**
2. **Contractor to ensure that the site is pegged and or set out checked by the licenced surveyor responsible for certifying the Plan of Subdivision prior to underground infrastructure being installed.**
3. Where concrete works abut a sewer access chamber surround or similar structure, an expansion joint of approved material shall be provided between the two faces.

SYMBOL LEGEND

Drains (Prop / Prev Stage)
Sewer < 300Ø
Sewer ≥ 300Ø
Water (DW)
Water (NDW)
House Drain
Property Inlet
Street Sign
PSM
Rock Ret Wall
Sleeper Ret Wall
Conduits 50mm
Conduits 100mm
Street Tree without/with Passive Irrigation (Refer Detail)
Ex Drains
Ex Water DW/NDW
Ex Sewer/Gas
Ex Elect/Comm

Ex/Natural/FS Level
FS @ Building Line
Top/Toe Batter Level
Top/Bottom RW Level
1% AEP Flood Level
Direction of Lot Fall
Fill Proposed (<0.3m/≥0.3m)
Cut Proposed
Aspalt Surface Prop
Concrete Surface Prop (Paths/Driveways/Slabs)
Tree To Be Removed
Tree To Be Retained with Tree Protection Zone (TPZ)

VICTORIAN PROFESSIONAL ENGINEERS REGISTRATION ACT 2019
REGISTERED ENGINEER:RODGER STUDD
REGISTRATION NUMBER:PE0006520

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.

AMENDMENTS

VER	DATE	REMARKS
E	06/07/26	WATERMAIN BYPASS & SCOUR WITHIN DELPHI BOULEVARD ADDED & WATER TAPPINGS FOR LOTS 314, 315, 317, 326, 328 UPDATED
D	07/05/26	DRAINAGE LINE PITS '46'-'2' REMOVED, 'PROPOSED STAGE 3A' LAYOUT & SERVICES, SHEET INDEX & SERVICE OFFSET TABLE UPDATED
C	16/03/26	SKYWAY CIRCUIT INTERSECTION MEDIAN 'NOSE' DIRECTION & LOTS 352-353 FRONTAGE LEVELS AMENDED
B	19/12/25	SHEET INDEX & SERVICE OFFSET TABLE UPDATED
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 362-H-10
SURVEY BPD
DESIGN RF
DRAWN RF
CHECKED RS

KIMBERLY ESTATE STAGE 3

DETAIL PLAN, LOCALITY PLAN, SERVICE OFFSET TABLE & SHEET INDEX

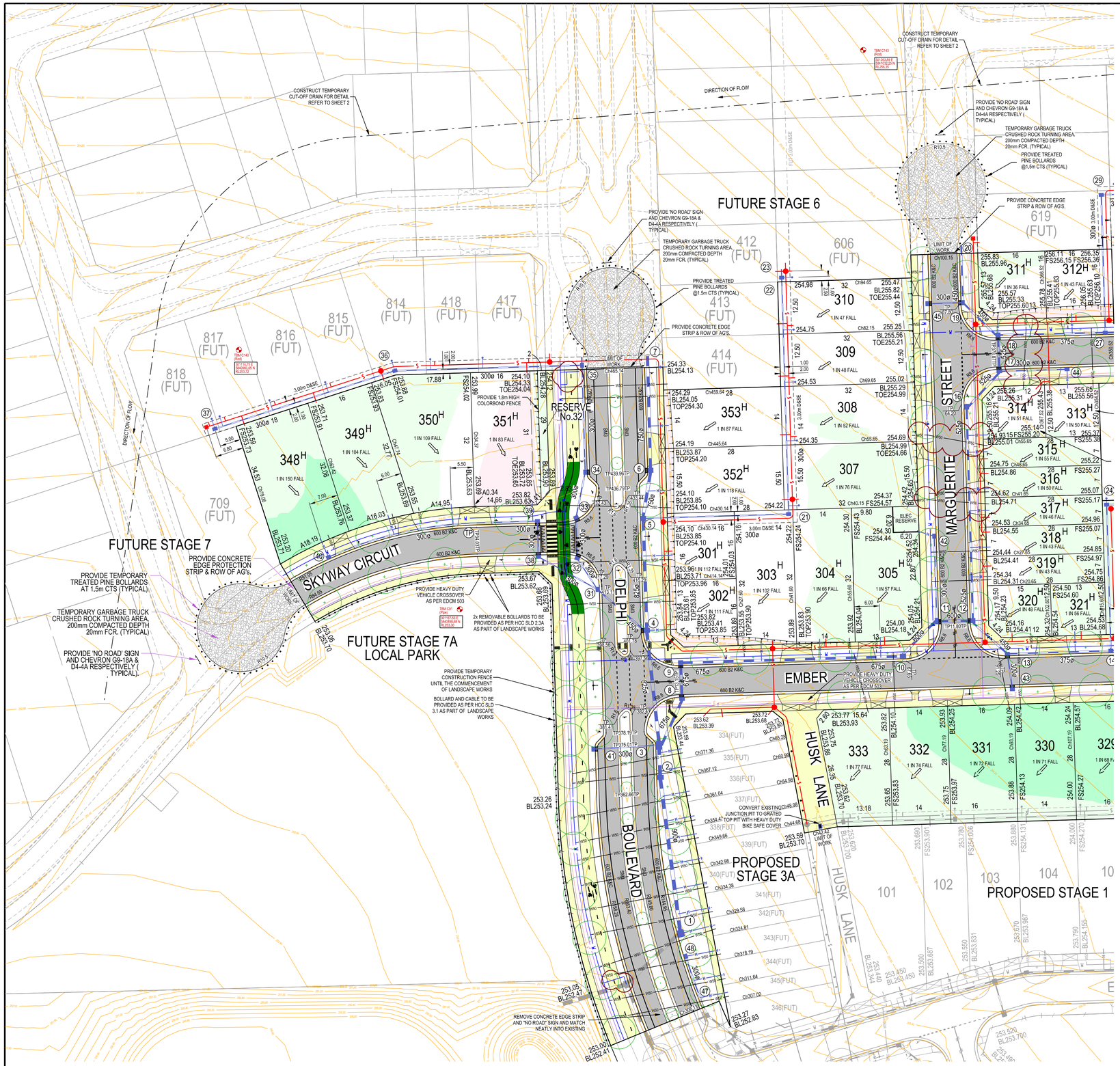
MUNICIPALITY: HUME

REFERENCE: 10255 E/3

SCALE AS SHOWN | DATUM AHD | DATE SEP'23 | SHEET 1 OF 24 (E)

Plotted: 07/07/2026

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FOR CONTINUATION REFER TO SHEET 1

ATTENTION TO CONTRACTOR

1. **IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE DIGITAL PLAN, PROVIDED FOR SETOUT PURPOSES, MATCHES THE TBM COORDINATES SHOWN.**
2. **Contractor to ensure that the site is pegged and or set out checked by the licenced surveyor responsible for certifying the Plan of Subdivision prior to underground infrastructure being installed.**
3. Where concrete works abut a sewer access chamber surround or similar structure, an expansion joint of approved material shall be provided between the two faces.

SYMBOL LEGEND

	Prop	Prev Stage
Drains		
Sewer < 300Ø	S	S
Sewer ≥ 300Ø	S	S
Water (DW)	W	W
Water (NDW)	W	W
House Drain	H	H
Property Inlet		
Street Sign		
PSM		
Rock Ret Wall		
Sleeper Ret Wall		
Conduits 50mm	W50	W50
Conduits 100mm	W100	W100
Street Tree without/with Passive Irrigation (Refer Detail)		
Ex Drains		
Ex Water DW/NDW	Ex W	Ex W
Ex Sewer/Gas	Ex S	Ex G
Ex Elect/Comm	Ex E	Ex T

Ex/Natural/FS Level	+29.57 +NS27.57 +FS29.57
FS @ Building Line	+BL28.57
Top/Toe Batter Level	+TOP28.57 +TOE27.57
Top/Bottom RW Level	+TW28.57 +BW27.57
1% AEP Flood Level	+FL28.57
Direction of Lot Fall	
Fill Proposed (<0.3m/≥0.3m)	
Cut Proposed	
Aspalt Surface Prop	
Concrete Surface Prop (Paths/Driveways/Slabs)	
Tree To Be Removed	
Tree To Be Retained with Tree Protection Zone (TPZ)	

WARNING

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D

PLAN

SCALE 1:500

SCALE 1:500 @ A1

10 5 0 10 20 40

LENGTHS ARE IN METRES

ISSUED FOR CONSTRUCTION

AMENDMENTS

VER	DATE	REMARKS
D	06/07/26	WATERMAIN BYPASS & SCOUR WITHIN DELPHI BOULEVARD ADDED & WATER TAPPINGS FOR LOTS 314, 315, 317, 326, 328 UPDATED
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breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE STAGE 3 DETAIL PLAN No.2

MUNICIPALITY: HUME

REFERENCE: 10255 E/3

SCALE AS SHOWN | DATUM AHD | DATE SEP'23 | SHEET 2 OF 24 | D

Plotted: 6/07/2026

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HUME CITY COUNCIL GENERAL NOTES (Revision 11/12/20)

1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH VPA AND HUME CITY COUNCIL STANDARD DRAWINGS, SPECIFICATIONS, APPROVED PLANS AND TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
2. COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR WORKING DAYS PRIOR TO THE COMMENCEMENT OF WITH A PRECOMMENCEMENT MEETING BEING HELD BETWEEN HUME CITY COUNCIL, THE DEVELOPER'S CONSULTANT AND THE CONTRACTOR BEFORE WORKS COMMENCE. A SITE MANAGEMENT PLAN IS TO BE SUBMITTED PRIOR TO COMMENCEMENT OF WORKS AND PRIOR TO AN ONSITE PRECOMMENCEMENT MEETING.
3. PRIOR TO COMMENCEMENT OF THE WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
   a) SOURCE OF QUARRY MATERIAL
   b) N.A.T.A. APPROVED TEST RESULTS FOR THE FCR THAT IS TO BE USED
   c) IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, THEN NEW TEST RESULTS SHALL BE PROVIDED.
4. PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004 AND OHS REGULATIONS 2007 HAVE BEEN AND WILL BE COMPLIED WITH.
5. ON COMMENCEMENT OF CONSTRUCTION WORKS, THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL". APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.
6. THE DISPOSAL SITE FOR SPOIL REMOVAL FROM SITE AND TRUCK ROUTE IS TO BE SUBMITTED TO AND APPROVED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE IN WRITING PRIOR TO THE COMMENCEMENT OF ANY WORKS.
7. WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES, THESE SERVICES ARE TO BE LOCATED AND EXPOSED/PROVED PRIOR TO COMMENCEMENT OF WORKS, AND THE RELEVANT AUTHORITIES NOTIFIED SEVEN (7) CLEAR DAYS PRIOR TO THE COMMENCEMENT OF THE WORKS.
8. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
9. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
10. ALL CO-ORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA).
11. THE CONTRACTOR MUST ARRANGE THE REQUISITE INSPECTIONS OF THE WORKS WITH THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE AS PER THE HOLD POINTS IN THE VPA MANUAL AND HUME CITY COUNCIL SPECIFICATIONS.
12. FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLAN. FILLING IS TO BE CLEAN CLAY COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AS1289.5.1.1-2003.
13. FILLING TO COMPLY WITH AS3798-2007, LEVEL 1 UNLESS SPECIFIED OTHERWISE.
14. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL, SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION NO 448 (SEPT '95) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL IF REQUIRED PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
15. WHERE, AS A CONDITION OF THE PLANNING PERMIT OR AS A RESULT OF THE PRE-CONSTRUCTION MEETING, FENCING OF AREAS CONTAINING TREES, NATIVE GRASSES AND SHRUBS IS REQUIRED, A THREE STRAND STAR PICKET AND WIRE FENCE SHALL BE CONSTRUCTED.
16. NO TREE OR NATIVE VEGETATION IS TO BE DISTURBED OR REMOVED WITHOUT PRIOR APPROVAL FROM COUNCIL'S SUSTAINABLE ENVIRONMENT DEPARTMENT. ANY TREES REMOVED, VEGETATION OR OTHER MATERIALS ARE NOT TO BE BURNT ON SITE.
17. BEFORE COMMENCING WORK ON TRENCHES IN EXCESS OF 1.5M DEEP, NOTICE OF SUCH PROPOSAL IS TO BE FORWARDED BY THE CONTRACTOR TO WORKSAFE VICTORIA.
18. THE CONTRACTOR IS TO OBTAIN A BUILDING PERMIT FOR ANY STRUCTURES/FENCES AND FOR ANY RETAINING WALLS OVER 1.0m IN HEIGHT.
19. ANY INFRASTRUCTURE DAMAGE DURING THE DEFECTS LIABILITY PERIOD IS THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE AND IS TO BE REINSTATED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
20. PRIOR TO STATEMENT OF COMPLIANCE ALL DISTURBED AREAS (INCLUDING NATURE STRIPS, BATTERS, ALLOTMENTS WITH GRADES OF 1:5 AND GREATER, AND RESERVES) ARE TO BE REINSTATED TO A CLEAN, TIDY CONDITION, TOP DRESSED (100mm LOAMY TOP SOIL FREE OF RUBBISH, DEBRIS, CLUMPS, SODS AND CLAY LUMPS), LIGHTLY COMPACTED AND HYDRO MULCHED. HYDROMULCH & SEED MIX TO BE:
   - 40KG/HA KIKUYU
   - 200KG/HA TURF TYPE PERENNIAL RYE
   - 100KG/HA FINE LEAF FESCUE
   - 1,500KG/HA OF CELLULOSE FIBRE
   - SOIL BINDER SPECIFICALLY MANUFACTURED FOR HYDROMULCHING, USED AT MANUFACTURERS RECOMMENDED RATES.(E.G. ORGANIC GAUR TACKIFIERS @ 20-30KG/HA, BASED UPON SITE CONDITIONS).

   GRASS IS TO BE ESTABLISHED PRIOR TO THE END OF THE MAINTENANCE PERIOD, UNLESS OTHERWISE AGREED IN WRITING.
21. FOOTPATHS ARE TO BE 50mm OFFSET FROM TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY.
22. ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE WITH 450mm LONG Y20 DOWEL BARS @ 600 CENTRES, UNLESS OTHERWISE SPECIFIED.
23. ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SAND-BLASTING ONLY. WASHING AGGREGATE OFF WITH WATER IS NOT PERMITTED.
24. ALL SERVICE CONDUITS TRENCHES UNDER ROAD PAVEMENTS ARE TO BE BACKFILLED WITH 20mm 3% CEMENT TREATED CLASS 3 CRUSHED ROCK COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH AS1289.5.2.1-2003. ALL SERVICE CONDUITS TRENCHES UNDER FOOTPATH, VEHICULAR CROSSINGS, PARKING BAYS AND WITHIN 750mm OF PARKING BAYS TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK.
25. ALL STORMWATER DRAINS TO BE CLASS 2 R.C. OR RIGID F.R.C. PIPES WITH ADCOL FLEXIBLE COLLARS UNLESS NOTED OTHERWISE. ALL PIPES UP TO & INCLUDING 750mm DIA. ARE TO BE RUBBER RING JOINTED. INTERLOCKING/FLUSH JOINTS WITH EXTERNAL BANDS CAN ONLY BE USED ON PIPE SIZES OVER 750mm DIA.
26. WHERE NEW ASPHALT, CONCRETE K&C, PATHS AND DRIVEWAYS MATCH INTO EXISTING, THE EXISTING SURFACE IS TO BE SAW CUT AND MATCHED NEATLY.
27. ALL REDUNDANT ASSETS ARE TO BE REMOVED AND DISPOSED OFF SITE.
28. ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN OR DIRECTED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
29. AT THE COMPLETION OF ALL WORKS, ALL RUBBISH, DEBRIS AND SURPLUS SPOIL SHALL BE REMOVED AND THE SITE SHALL BE CLEARED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
30. ALL DRAINS BEHIND KERB AND CHANNEL SHALL BE BACKFILLED TO MATCH PAVEMENT SUBGRADE LEVEL WITH 20mm CLASS 3 FCR COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH AS1289.5.2.1-2003. ALL DRAINS, SEWERS, GAS & WATER MAINS LAID THROUGH THE ROAD PAVEMENT (EXCEPT CONDUITS) ARE TO BE BACKFILLED WITH 20mm CLASS 2 FCR COMPACTED TO 98% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH AS1289.5.2.1-2003.
31. PAVEMENT DEPTH SPECIFIED IS A MINIMUM DEPTH AND MAY BE VARIED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE. SOFT SPOTS SHALL BE EXCAVATED TO A PROOF ROLLED BASE AND BACKFILLED WITH APPROVED MATERIAL COMPACTED IN 150mm LAYERS TO ACHIEVE TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AS1289.5.1.1-2003.
32. ALL EXISTING ASSETS AFFECTED BY THE WORKS; E.G. SIGNS, VEHICLE CROSSINGS, FOOTPATHS, KERB AND LINEMARKING SHALL BE REINSTATED BY THE CONTRACTOR PRIOR TO THE COMPLETION OF THE WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
33. PRIOR TO THE COMPLETION OF THE WORKS ALL FIRE HYDRANTS ARE TO BE MARKED IN ACCORDANCE WITH "IDENTIFICATION OF STREET HYDRANTS FOR FIREFIGHTING PURPOSES" PUBLICATION (DEVELOPED BY CFA, MFB, & ESB). MARKINGS TO BE VIA BLUE PAVEMENT MARKER AND A (RED TOPPED) WHITE POST.
34. AGRICULTURAL DRAINS ARE TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS IN ACCORDANCE WITH EDCM STANDARD DRAWING 202.
35. ALL TABLE DRAINS AND VERGES ARE TO BE REINSTATED UPON COMPLETION OF WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
36. ALL TRAFFIC CONTROL MEASURES, SIGNS AND LINEMARKING SHALL BE IN ACCORDANCE WITH AS1742 - 1, 2 & 3. STREET NAME SIGNS ARE TO BE IN ACCORDANCE WITH STANDARD DRAWING SD408.
37. ALL LINEMARKING PAINT SHALL BE LONG LIFE TYPE IN ACCORDANCE WITH SECTION 95C OF THE HUME CITY COUNCIL SPECIFICATIONS. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.
38. ALL SIGNS TO BE CLASS 1 HIGH INTENSITY TYPE AND TO COMPLY WITH THE REQUIREMENTS OF AS1743-2001.
39. HOUSE DRAIN CONNECTIONS TO 150mm DIAMETER PIPES TO BE VIA A MANUFACTURED JUNCTION PIECE. 150mm DIAMETER STORMWATER PIPES ARE TO BE HEAVY DUTY SEWER GRADE. PVC PIPES SHALL BE BACKFILLED WITH 10mm MINUS FCR TO 150mm ABOVE TOP OF PIPE IN ALL LOCATIONS.
40. 100mm HOUSE DRAIN CONNECTIONS TO BE LAID AT AN OFFSET OF 5.5M FROM THE LOW SIDE OF TITLE BOUNDARY ROAD FRONTAGE AND PROPERTY INLETS 1.0m FROM THE LOW SIDE OF TITLE BOUNDARY REAR EASEMENT UNLESS OTHERWISE SHOWN.
41. BLASTING GENERALLY IS NOT ENCOURAGED, HOWEVER BLASTING MAY BE REQUIRED AS A LAST RESORT DEPENDING ON GROUND CONDITIONS. COUNCIL IS TO BE NOTIFIED IN WRITING IF ANY BLASTING IS NECESSARY.
    RESIDENTS LIKELY TO BE AFFECTED BY THE BLASTING AND ALL SERVICE AUTHORITIES SHALL BE NOTIFIED IN WRITING PRIOR TO WORKS COMMENCING. COPIES OF THESE NOTIFICATIONS ARE TO BE SUBMITTED TO COUNCIL.
    RESIDENT NOTIFICATION LETTER IS TO INCLUDE BLASTING GUIDELINES, FIRING AND MISFIRE PROCEDURES AND CONTRACTOR AND CONSULTANT CONTACT NAMES AND PHONE NUMBERS.
    ALL BLASTING IS TO BE WITHIN THE LIMITS FOR AIR AND GROUND VIBRATION LEVELS AS SET DOWN IN AS2187.2.1993
    ALL BLASTS SHALL BE MONITORED FOR AIR AND NOISE VIBRATION AT POTENTIALLY AFFECTED RESIDENCES. "FORM A" FROM AS2187.2-1993, AND WAVE TRACE COPIES ARE TO BE SUBMITTED TO COUNCIL FOR EACH BLAST.
    BLASTING IS TO BE RESTRICTED TO BETWEEN 9:00am AND 3:30pm. BLASTING IS NOT TO OCCUR ON WEEKENDS OR PUBLIC HOLIDAYS.
    BLASTING AREA SIGNS ARE TO BE PLACED AT ALL ENTRANCES TO THE SITE.
42. FENCING TO BE PROVIDED ALONG LOT BOUNDARIES ABUTTING RESERVES TO THE SATISFACTION OF THE REPONSIBLE AUTHORITY.
43. WHERE SODIC SOILS ARE ENCOUNTERED, SODIC SOIL INVESTIGATIONS SHOULD BE CARRIED OUT BY A QUALIFIED SOIL SCIENTIST AND THE RECOMMENDATIONS OF THE REPORT SHOULD BE APPLIED DURING ROAD & DRAINAGE DESIGN AND CONSTRUCTION.

ADDITIONAL NOTES

1A. LOCATION OF GAS, WATER AND TELSTRA/NBN Co CONDUITS ARE TO BE APPROPRIATELY MARKED ON THE FACE OF THE KERB AND CHANNEL WITH G, W, T AND O RESPECTIVELY. ALL CONDUIT ENDS SHALL BE SECURELY PLUGGED. TELSTRA/NBN Co, GAS & WATER CONDUITS TO BE 50mm CLASS 12 UPVC.

2A. SERVICE CONDUITS TRENCHES UNDER DRIVEWAYS AND FOOTPATHS ARE TO BE 50mm PVC LAID 450mm DEEP AND EXTENDING 250mm EACH SIDE OF DRIVEWAYS/FOOTPATHS.

3A. THE WATER CONDUIT OFFSET FROM THE LOT BOUNDARY IS GIVEN ON THE WATER RETICULATION PLAN. THE CONTRACTOR MUST CONSTRUCT CONDUITS TO ACCORD WITH THE GIVEN OFFSET AND ENSURE THAT THE CONCRETER MARKS THE KERB AND FOOTPATH EXACTLY ABOVE THE CONDUIT.

4A. TELSTRA/NBN Co TO BE NOTIFIED SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.

5A. DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM CENTRELINE PIPE CHAINAGES. CENTRELINE OF PITS AT KERB TP's TO BE 1.20m OFFSET FROM TP.

6A. LOTS TO BE GRADED AND LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER. ALL LOTS TO BE 1 IN 150 MINIMUM SLOPE.

7A. BATTERS SHALL BE IN 1 IN 5 FOR FILL AND 1 IN 3 FOR CUT UNLESS OTHERWISE SHOWN.

8A. ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH EDCM501, 502 & 503 AND ARE TO BE OFFSET 0.75m FROM SIDE BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN.

9A. ALL DRIVEWAY RAMPS INTO PROPERTIES ARE TO BE CUT IN AT A MAXIMUM GRADE OF 1 IN 4 TO THE SATISFACTION OF THE ENGINEER.

10A. ALL CONCRETE TO BE 25MPa UNLESS OTHERWISE SPECIFIED.

11A. KERB & CHANNEL TYPES TO BE USED AS NOTED ON LAYOUT PLAN

12A. EXISTING DAM OR WATERCOURSES TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED AS SPECIFIED. DEVELOPER'S CONSULTANT TO BE NOTIFIED WHEN THE DAM OR WATERCOURSES ARE EXCAVATED TO A FIRM BASE. NO FILLING IS TO BE PLACED PRIOR TO DAMS BEING INSPECTED AND LEVELS TAKEN. BACKFILLING IS TO BE CARRIED OUT TO THE SATISFACTION OF THE COUNCIL SUPERVISING ENGINEER.

13A. STANDARD FOOTPATH AS PER EDCM401 & TO CONSIST OF:
   a) 125mm CONCRETE (25MPa) REINFORCED WITH SL72 MESH PLACED WITH 50mm TOP COVER.
   b) 50mm THICK, 20mm NOMINAL SIZE CLASS 3 FCR COMPACTED TO 98%.

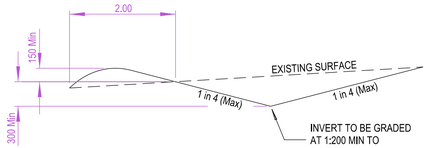
14A. SHARED FOOTPATH AS PER EDCM401 & TO CONSIST OF:
   a) 125mm CONCRETE (25MPa) REINFORCED WITH SL72 MESH PLACED WITH 50mm TOP COVER.
   b) 50mm THICK, 20mm NOMINAL SIZE CLASS 3 FCR COMPACTED TO 98%.

15A. CONTRACTOR SHALL ERECT AND MAINTAIN ALL NECESSARY SHORING, PLANKING, STRUTTING AND DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP THE WORKS IN A SAFE AND STABLE CONDITION AND PROTECT THE PUBLIC FROM THE WORKS.

16A. THE CONTRACTOR MUST COMPLETE A LEVEL CHECK BETWEEN ALL TBM'S TO VERIFY LEVEL VALUES BEFORE COMMENCEMENT OF WORKS. ALL TBM,s AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE DEVELOPER'S CONSULTANT TO ARRANGE RE-INSTATEMENT AT THE CONTRACTORS EXPENSE.

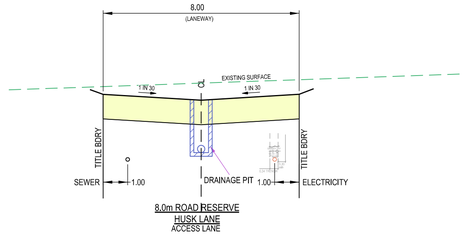
17A. PROVIDE A 1.8m HIGH PALING FENCE ALONG ANY COMMON BOUNDARY BETWEEN A LOT AND A MUNICIPAL RESERVE. PALINGS TO BE ON THE RESERVE SIDE AND STAINED IN A DARK GREEN COLOUR ON THE SIDE FACING THE RESERVE TO THE SATISFACTION OF COUNCIL.

18A. FITZROY BOXES TO BE PROVIDED FOR WATER AND GAS TAPPINGS LOCATED UNDER PARKING BAYS IN FRONT OF LOTS .

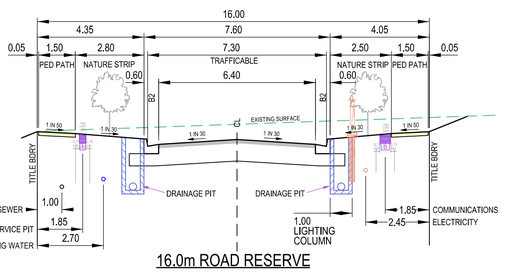


CUT-OFF DRAIN DETAIL

(Dimensions in millimetres)
(N.T.S.)

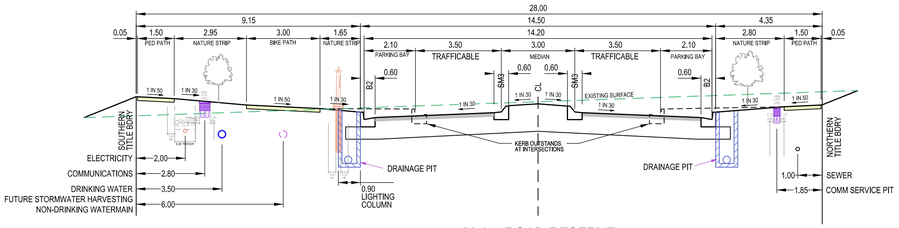


8.0m ROAD RESERVE
HUSK LANE
ACCESS LANE



16.0m ROAD RESERVE

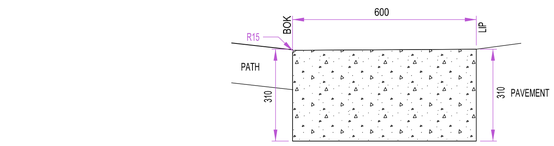
GOLDIE LOOP, EMBER LOOP, MARGUERITE STREET & SKYWAY CIRCUIT
LOCAL ACCESS STREET - LEVEL 1



28.0m ROAD RESERVE

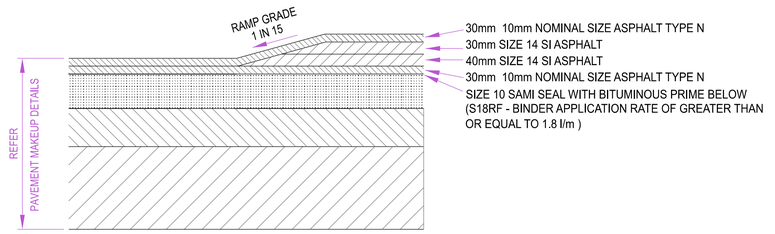
DELPHI BOULEVARD
CONNECTOR ROAD

ISSUED FOR CONSTRUCTION



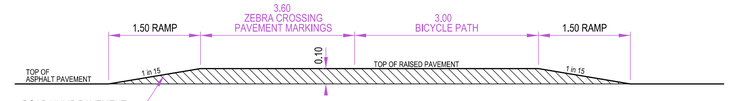
CONCRETE EDGE STRIP DETAIL

(N.T.S.)



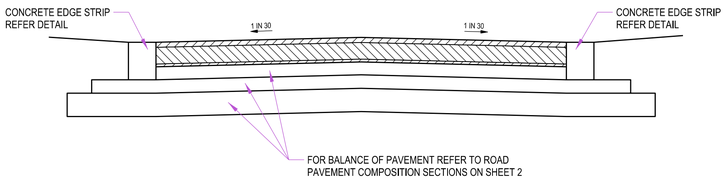
RAISED PAVEMENT DETAIL

NTS



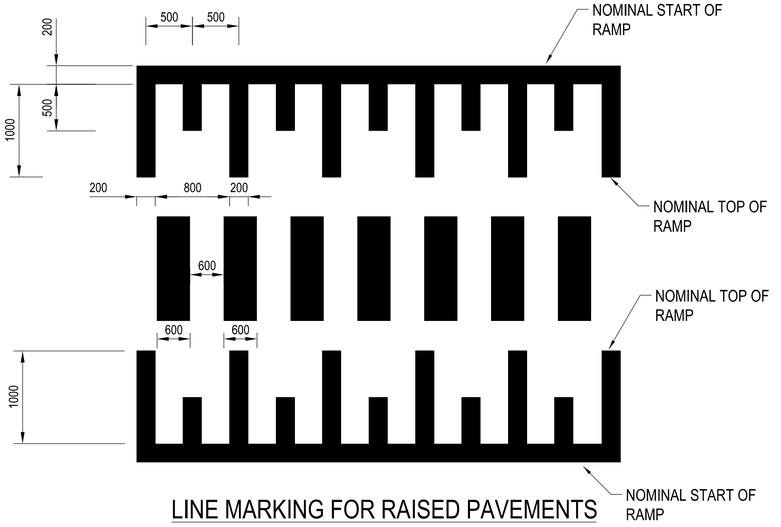
SECTION A-A (TYPICAL)

(N.T.S.)



TYPICAL RAISED PAVEMENT SECTION DETAIL

(N.T.S.)



LINE MARKING FOR RAISED PAVEMENTS

NTS

AMENDMENTS				
A	28/10/25	ISSUED FOR CONSTRUCTION		
VER	DATE	REMARKS		

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

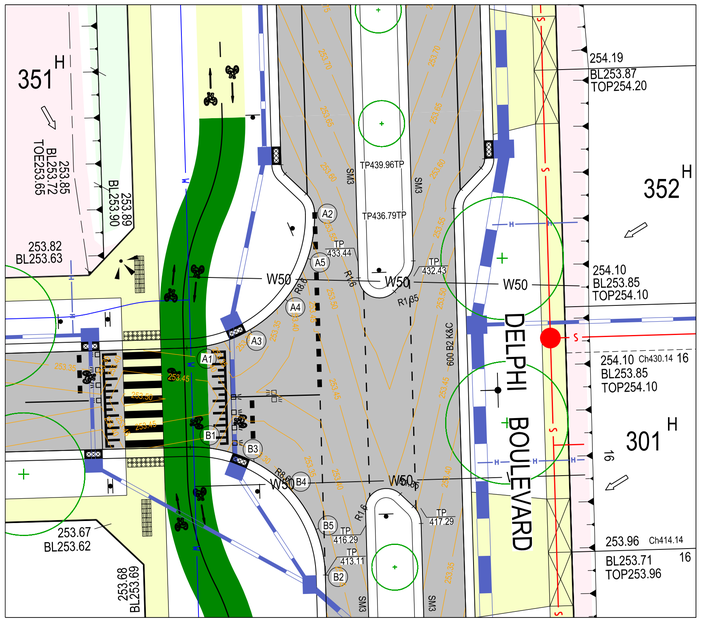
MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE
STAGE 3
GENERAL NOTES, TYPICAL ROAD CROSS SECTIONS & RAISED PAVEMENT DETAIL

MUNICIPALITY	HUME
REFERENCE	10255 E/3
SCALE	AS SHOWN
DATUM	AHD
DATE	SEP'23
SHEET	3 OF 24
	A

Plotted: 28/10/2025

K:\H10255\ENG\ST03\R&D\E03_R03_NOTE.dgn



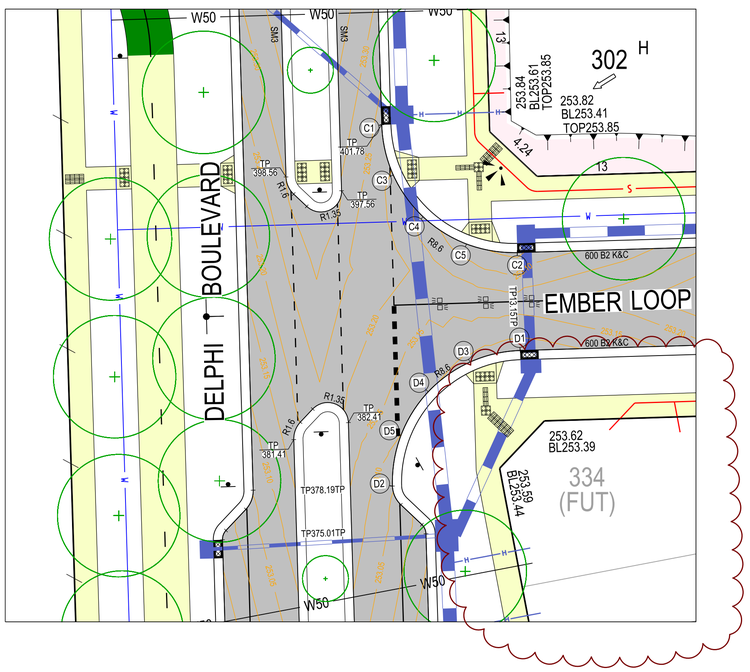
INTERSECTION DETAILS

SCALE 1:200

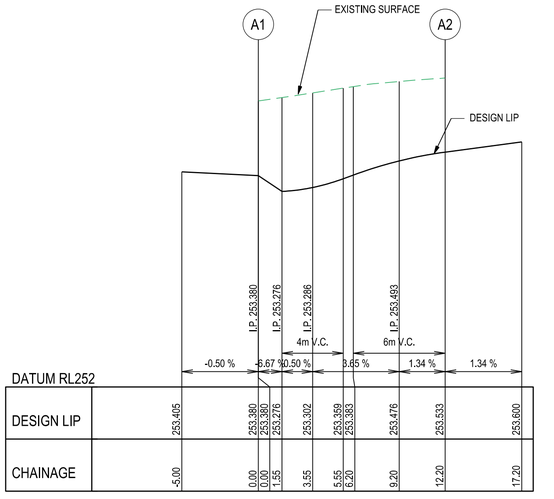
SCALE 1:200 @ A1

4 2 0 4 8 16

LENGTHS ARE IN METRES



ISSUED FOR CONSTRUCTION

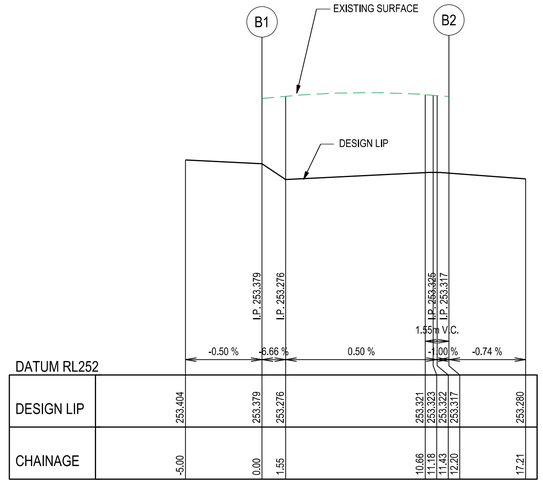


KERB A

Kerb A

	Point no	Easting	Northing	RL
A	1	301193.689	5840919.014	253.380
A	2	301200.735	5840927.728	253.533
A	3	301196.531	5840920.080	253.293
A	4	301198.826	5840922.066	253.380
A	5	301200.288	5840924.726	253.474

Curve no		I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	I	Mid Ord RL
A	1 2	-81.306	-8.600	12.204	2.075	1.540	2.615	2.987	3.051	253.380



KERB B

Kerb B

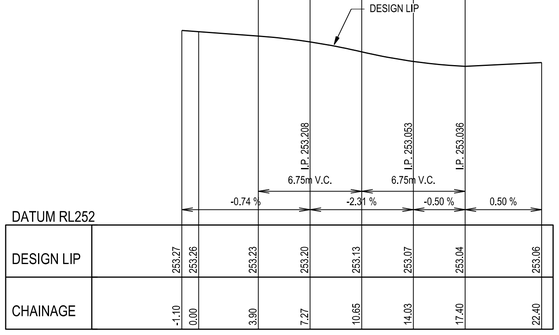
	Point no	Easting	Northing	RL
B	1	301193.886	5840912.343	253.379
B	2	301201.434	5840904.061	253.317
B	3	301196.786	5840911.447	253.283
B	4	301199.194	5840909.600	253.298
B	5	301200.811	5840907.032	253.314

Curve no		I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	I	Mid Ord RL
B	1 2	81.305	8.600	12.204	2.075	1.540	2.615	2.987	3.051	253.298

ALL SETOUT DETAILS ARE PROVIDED AT LIP OF KERB

LIP OF KERB PROFILES

SCALE: HORIZONTAL 1:200
VERTICAL 1:20

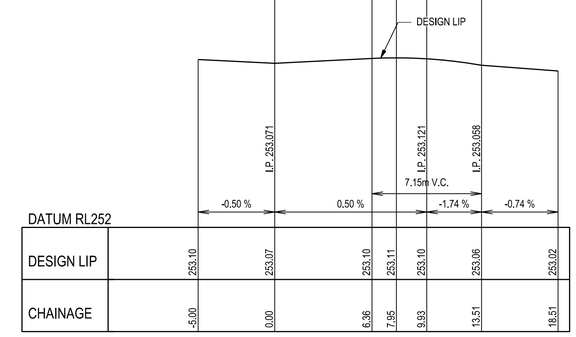


KERB C

Kerb C

	Point no	Easting	Northing	RL
C	1	301210.865	5840893.005	253.233
C	2	301219.715	5840884.670	253.166
C	3	301211.619	5840889.737	253.195
C	4	301213.565	5840887.005	253.131
C	5	301216.408	5840885.226	253.068

Curve no		I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	I	Mid Ord RL
C	1 2	-89.955	-8.600	13.502	2.517	1.863	2.789	3.290	3.376	253.131

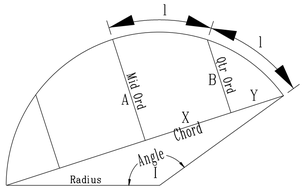


KERB D

Kerb D

	Point no	Easting	Northing	RL
D	1	301219.905	5840878.272	253.071
D	2	301211.563	5840869.422	253.058
D	3	301216.634	5840877.521	253.088
D	4	301213.901	5840875.575	253.104
D	5	301212.120	5840872.731	253.099

Curve no		I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	I	Mid Ord RL
D	1 2	-90.000	-8.600	13.509	2.519	1.864	2.790	3.291	3.377	253.104



CURVE SETOUT DIAGRAM

AMENDMENTS	VER	DATE	REMARKS
	C	07/05/26	DRAINAGE LINE PITS '46'-'2' REMOVED, 'PROPOSED STAGE 3A' LAYOUT & SERVICES UPDATED
	B	16/03/26	SKYWAY CIRCUIT INTERSECTION MEDIAN 'NOSE' DIRECTION & LOTS 352-353 FRONTAGE LEVELS AMENDED
	A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

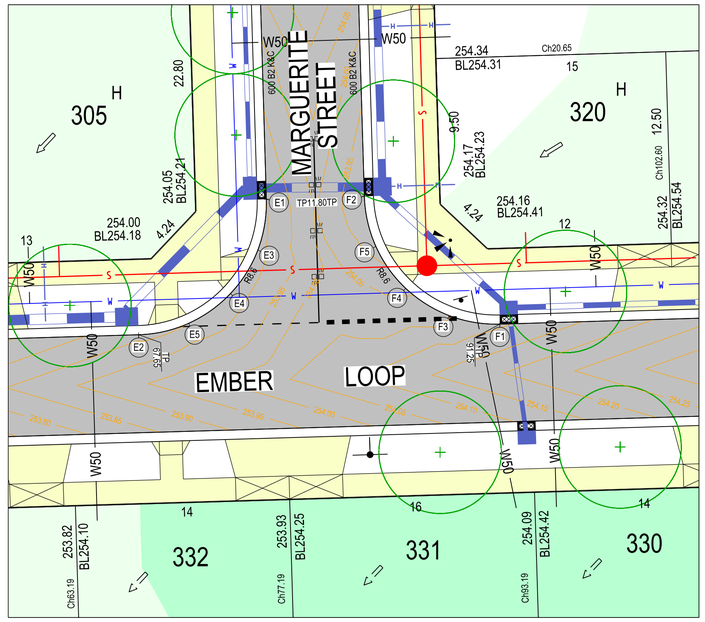
MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE STAGE 3 INTERSECTION DETAILS 1

MUNICIPALITY	HUME
REFERENCE	10255 E/3
SCALE	AS SHOWN
DATUM	AHD
DATE	SEP'23
SHEET	4 OF 24
	C

Plotted: 16/03/2026

K:\H10255\ENG\ST03\R&D\E03_R04_INT1.dgn



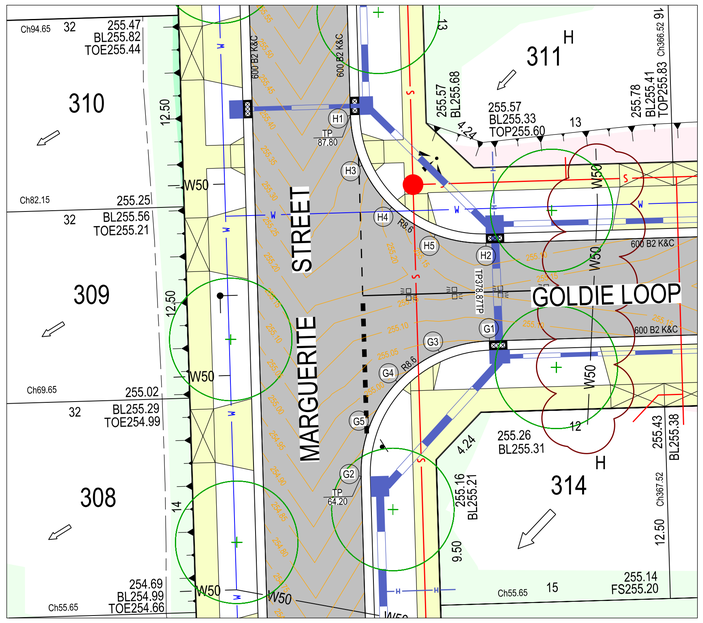
INTERSECTION DETAILS

SCALE 1:200

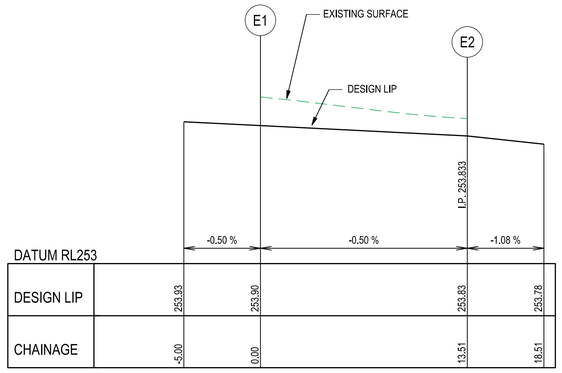
SCALE 1:200 @ A1

4 2 0 4 8 16

LENGTHS ARE IN METRES



ISSUED FOR CONSTRUCTION



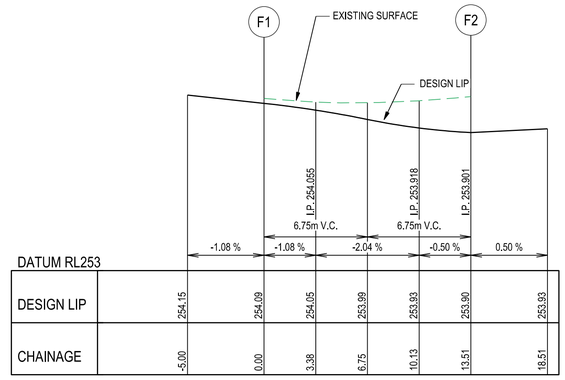
DESIGN LIP	253.93	253.90	253.83	253.78
CHAINAGE	-5.00	0.00	13.51	18.51

KERB E

Kerb E

Point no	Easting	Northing	RL
E 1	301282.534	5840895.131	253.901
E 2	301274.192	5840886.280	253.833
E 3	301281.977	5840891.822	253.884
E 4	301280.196	5840888.978	253.867
E 5	301277.462	5840887.032	253.850

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	I	Mid Ord RL
E 1 2	90.000	8.600	13.509	2.519	1.864	2.790	3.291	3.377	253.867



DESIGN LIP	254.15	254.09	254.05	253.99	253.93	253.90	253.93
CHAINAGE	-5.00	0.00	3.38	6.75	10.13	13.51	18.51

KERB F

Kerb F

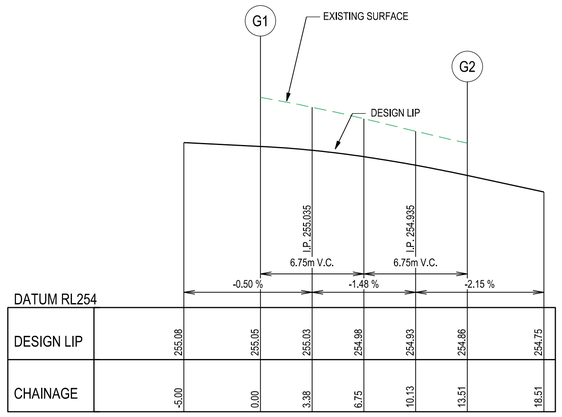
Point no	Easting	Northing	RL
F 1	301297.781	5840886.978	254.092
F 2	301288.931	5840895.320	253.901
F 3	301294.472	5840887.535	254.047
F 4	301291.628	5840889.316	253.987
F 5	301289.683	5840892.049	253.931

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	I	Mid Ord RL
F 1 2	90.000	8.600	13.509	2.519	1.864	2.790	3.291	3.377	253.987

ALL SETOUT DETAILS ARE PROVIDED AT LIP OF KERB

LIP OF KERB PROFILES

SCALE: HORIZONTAL 1:200
VERTICAL 1:20



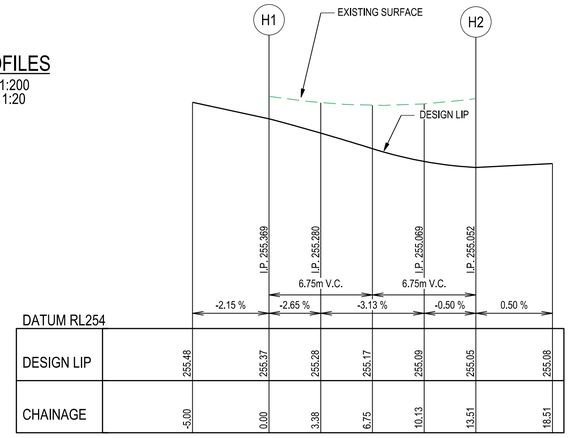
DESIGN LIP	255.08	255.05	255.03	254.98	254.93	254.86	254.75
CHAINAGE	-5.00	0.00	3.38	6.75	10.13	13.51	18.51

KERB G

Kerb G

Point no	Easting	Northing	RL
G 1	301295.725	5840956.547	255.052
G 2	301287.382	5840947.697	254.862
G 3	301292.454	5840955.796	255.027
G 4	301289.721	5840953.850	254.985
G 5	301287.940	5840951.006	254.929

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	I	Mid Ord RL
G 1 2	-90.000	-8.600	13.509	2.519	1.864	2.790	3.291	3.377	254.985



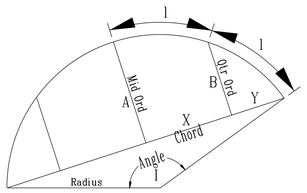
DESIGN LIP	255.48	255.37	255.28	255.17	255.09	255.05	255.08
CHAINAGE	-5.00	0.00	3.38	6.75	10.13	13.51	18.51

KERB H

Kerb H

Point no	Easting	Northing	RL
H 1	301286.685	5840971.287	255.369
H 2	301295.535	5840962.944	255.052
H 3	301287.437	5840968.016	255.276
H 4	301289.383	5840965.283	255.174
H 5	301292.226	5840963.502	255.091

Curve no	I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	I	Mid Ord RL
H 1 2	-90.000	-8.600	13.509	2.519	1.864	2.790	3.291	3.377	255.174



CURVE SETOUT DIAGRAM

VER	DATE	REMARKS
B	06/07/26	WATER TAPPING ALINGMENT FOR LOT 314 UPDATED
A	28/10/25	ISSUED FOR CONSTRUCTION

AMENDMENTS

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE STAGE 3 INTERSECTION DETAILS 2

SCALE	AS SHOWN	DATUM	AHD
DATE	SEP'23		

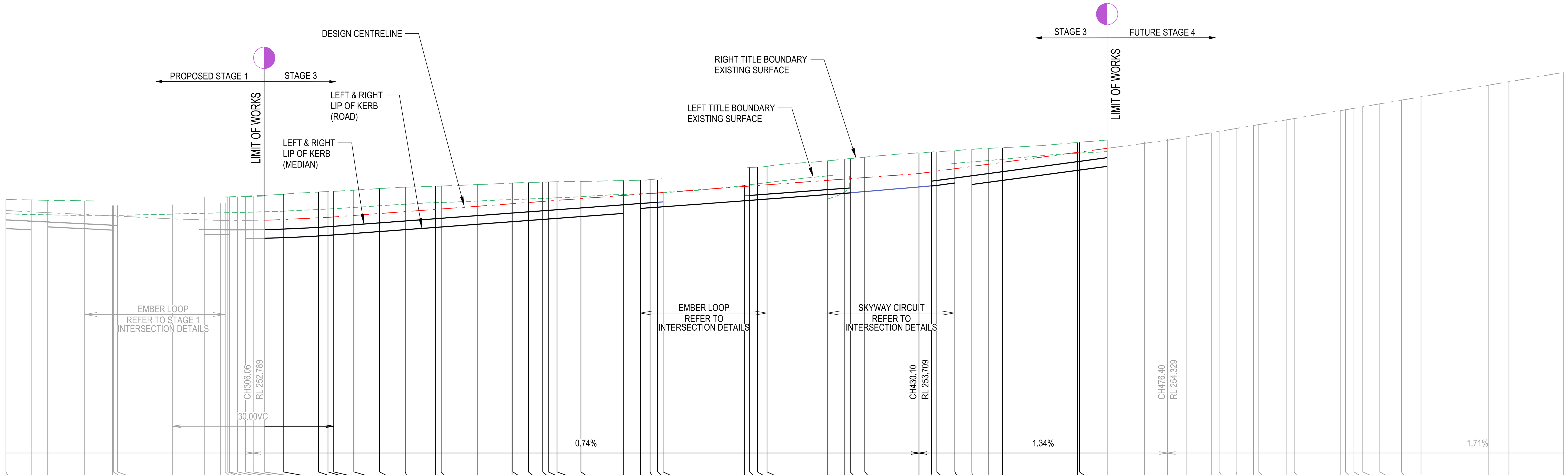
MUNICIPALITY: HUME

REFERENCE: 10255 E/3

SHEET 5 OF 24 B

Plotted: 6/07/2026

K:\H10255\ENG\ST03\R&D\E03_R05_INT2.dgn



DESIGN CL VC LENGTH

DESIGN CL GRADING

DATUM RL 248.0

ES LEFT TITLE BDY	252.961	252.946	252.940	252.931	252.931	252.931	252.931	252.954	252.969	252.976	252.978	252.979	252.979	252.982	252.986	252.990		253.008	253.039	253.048
FS LEFT TITLE BDY	253.052	253.029	253.083	253.049	252.972				252.428	252.422	252.421	252.420	252.420			252.404	252.407	252.417	252.449	252.461
LEFT LIP OF KERB	252.684	252.660	252.715	252.680	252.654				252.576	252.570	252.569	252.569	252.569			252.500	252.503	252.513	252.545	252.557
LEFT MEDIAN LIP	252.845	252.822	252.806	252.772	252.746				252.668	252.662	252.661	252.660	252.660	252.660	252.660	252.662	252.665	252.675	252.707	252.719
DESIGN CL	253.019	252.996	252.980	252.946	252.920	252.919	252.915	252.864	252.842	252.836	252.835	252.834	252.834	252.834	252.834	252.835	252.839	252.849	252.881	252.893
RIGHT MEDIAN LIP	252.845	252.822	252.806	252.772	252.746	252.745			252.668	252.662	252.661	252.660	252.660	252.660	252.660	252.662	252.665	252.675	252.707	252.719
RIGHT LIP OF KERB	252.684	252.660	252.715													252.500	252.503	252.513	252.545	252.557
FS RIGHT TITLE BDY	252.947	252.924														252.941	252.944	252.954	252.986	252.998
ES RIGHT TITLE BDY	253.222	253.215	253.211	253.201					253.278			253.272	253.273	253.277	253.281	253.284	253.304	253.323	253.364	253.373
CHAINAGE CENTRE LINE	260.00	264.70	267.77	274.66	279.85	280.00	280.75	291.06	296.94	300.00	300.83	301.33	301.62	303.14	304.65	306.06	308.11	311.64	318.19	320.00

ES LEFT TITLE BDY	253.054	253.077	253.107	253.137	253.167	253.171	253.197	253.223	253.224	253.235	253.246	253.250	253.256	253.278	253.320	253.331	253.337	253.344	253.352	253.489
FS LEFT TITLE BDY	252.469	252.599	252.766	252.933	253.074	253.082	253.131	253.179	253.181	253.202	253.222	253.230	253.242	253.275		253.427	253.440	253.451	253.457	253.570
LEFT LIP OF KERB	252.565	252.592	252.628	252.663	252.705	252.713	252.763	252.811	252.812	252.834	252.853	252.861	252.873	252.906		253.058	253.072	253.082	253.089	253.201
LEFT MEDIAN LIP	252.726	252.754	252.789	252.825	252.867	252.875	252.924	252.973	252.974	252.995	253.015	253.023	253.035	253.068	253.126	253.150	253.163	253.174		
DESIGN CL	252.900	252.928	252.963	252.999	253.041	253.049	253.098	253.147	253.148	253.169	253.189	253.197	253.209	253.242	253.300	253.324	253.337	253.348	253.355	253.468
RIGHT MEDIAN LIP	252.726	252.754	252.789	252.825	252.867	252.875	252.924	252.973	252.974	252.995	253.015	253.023	253.035	253.068	253.126	253.150	253.163	253.174		
RIGHT LIP OF KERB	252.565	252.592	252.628	252.663	252.705	252.713	252.763	252.811	252.812	252.834	252.853	252.861	252.873	252.906						
FS RIGHT TITLE BDY	253.006	253.033	253.069	253.104	253.146	253.154	253.204	253.252	253.253	253.275	253.294	253.302	253.314	253.347						
ES RIGHT TITLE BDY	253.378	253.398	253.429	253.455	253.472	253.476	253.503	253.531	253.532	253.541	253.548	253.551	253.555	253.562	253.578	253.584				
CHAINAGE CENTRE LINE	321.06	324.81	329.58	334.38	340.00	341.08	347.78	354.27	354.44	357.33	360.00	361.04	362.65	367.12	375.01	378.19	380.00	381.41	382.41	397.56
													TP		TP	TP		LTP	RTP	RTP

ES LEFT TITLE BDY	253.501	253.518	253.540	253.666							253.897	253.926	253.952	253.975	254.088	254.090	254.118	254.162	254.216	254.262
FS LEFT TITLE BDY	253.578	253.589	253.602	253.686								253.950	253.990	254.024	254.211	254.216	254.285	254.379	254.436	254.497
LEFT LIP OF KERB	253.210	253.220	253.233	253.317	253.341	253.348				253.488		253.506	253.548	253.582	253.769	253.774	253.843	253.936	253.993	254.055
LEFT MEDIAN LIP	253.301	253.312	253.325	253.409	253.433	253.440				253.580	253.625	253.667	253.709	253.743	253.931	253.935	254.004	254.098	254.155	254.217
DESIGN CL	253.475	253.486	253.499	253.583	253.607	253.614	253.634	253.709	253.740	253.754	253.799	253.841	253.883	253.917	254.105	254.109	254.178	254.272	254.329	254.391
RIGHT MEDIAN LIP	253.301	253.312	253.325	253.409						253.580	253.625	253.667	253.709	253.743	253.931	253.935	254.004	254.098	254.155	254.217
RIGHT LIP OF KERB				253.317	253.341	253.350	253.373	253.460	253.480	253.488		253.506	253.548	253.582	253.769	253.774	253.843	253.936	253.993	254.055
FS RIGHT TITLE BDY				253.703	253.727	253.736	253.759	253.846	253.836	253.813		253.792	253.834	253.868	254.055	254.060	254.129	254.222	254.279	254.341
ES RIGHT TITLE BDY			253.844	253.947	253.978	253.987	254.014	254.095	254.110	254.116	254.137	254.161	254.179	254.191	254.288	254.291	254.334			
CHAINAGE CENTRE LINE	398.56	400.00	401.78	413.11	416.29	417.29	420.00	430.10	432.43	433.44	436.79	439.96	443.11	445.64	459.64	460.00	465.14	472.14	476.40	480.00
	LTP		RTP	LTP	RTP	LTP			LTP	RTP	TP	TP								

ES LEFT TITLE BDY	254.321	254.338	254.377														
FS LEFT TITLE BDY	254.579											255.119	255.184	255.246	255.460	255.526	255.700
LEFT LIP OF KERB	254.135											254.672	254.741	254.804	255.018	255.084	255.258
LEFT MEDIAN LIP	254.296	254.320	254.374	254.430				254.707	254.724	254.751	254.779	254.834	254.903	254.965	255.180	255.246	255.420
DESIGN CL	254.470	254.494	254.548	254.604	254.621	254.710	254.734	254.881	254.898	254.925	254.953	255.008	255.077	255.139	255.354	255.420	255.594
RIGHT MEDIAN LIP	254.296	254.320	254.374	254.430					254.724	254.751	254.779	254.834	254.903	254.965	255.180	255.246	255.420
RIGHT LIP OF KERB	254.135		254.282	254.337	254.355	254.444	254.468	254.614	254.632	254.659	254.687	254.672	254.741	254.804	255.018	255.084	255.258
FS RIGHT TITLE BDY	254.421		254.548	254.603	254.621	254.710	254.734	254.880	254.898	254.925	254.953	254.958	255.027	255.090	255.304	255.370	255.544
ES RIGHT TITLE BDY																	
CHAINAGE CENTRE LINE	484.64	486.01	489.19	492.41	493.41	498.64	500.00	508.56	509.56	511.14	512.78	515.96	520.00	523.64	536.14	540.00	550.14

NOTE: NORTH IS THE DIRECTION OF INCREASING CHAINAGE

DELPHI BOULEVARD
LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
VERTICAL 1:50

SCALE H 1:500 V 1:50 @ A1

HORIZ 10 5 0 10 20 40

VERT 1 0.5 0 1 2 4

LENGTHS ARE IN METRES

ISSUED FOR CONSTRUCTION

AMENDMENTS		
VER	DATE	REMARKS
B	16/03/26	LONGITUDINAL SECTION UPDATED
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE
STAGE 3
DELPHI BOULEVARD LONGITUDINAL SECTION

SCALE AS SHOWN | DATUM AHD | DATE SEP'23

MUNICIPALITY HUME

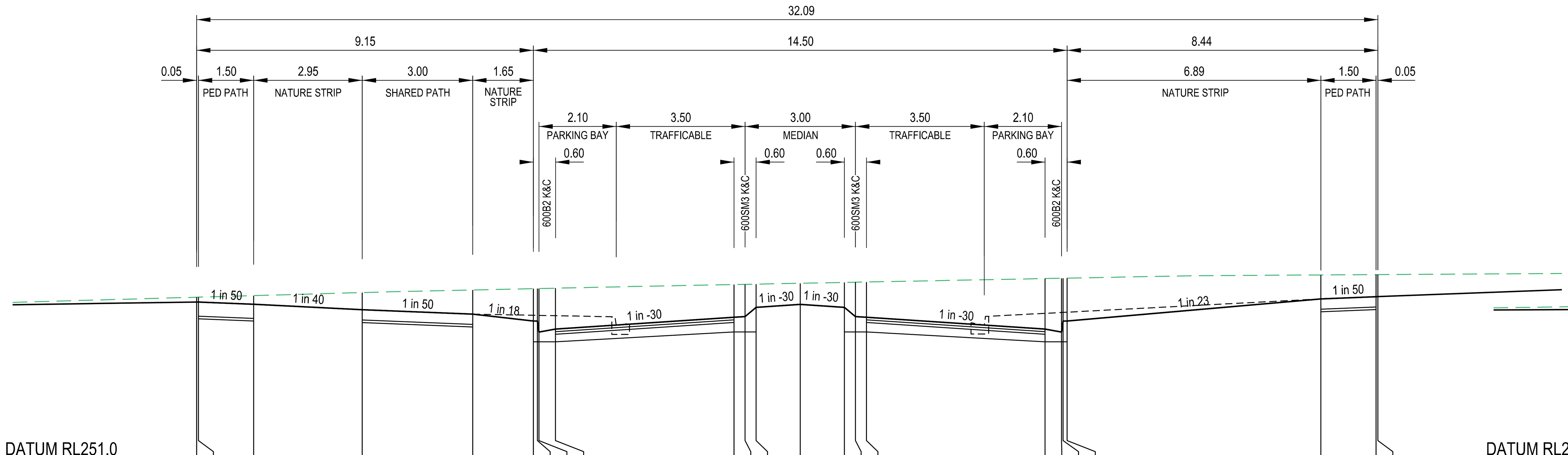
REFERENCE 10255 E/3

SHEET 6 OF 24 B

Plotted: 16/03/2026

K:\H10255\ENG\ST03\R&D\E03_R06_DEL_LS.dgn

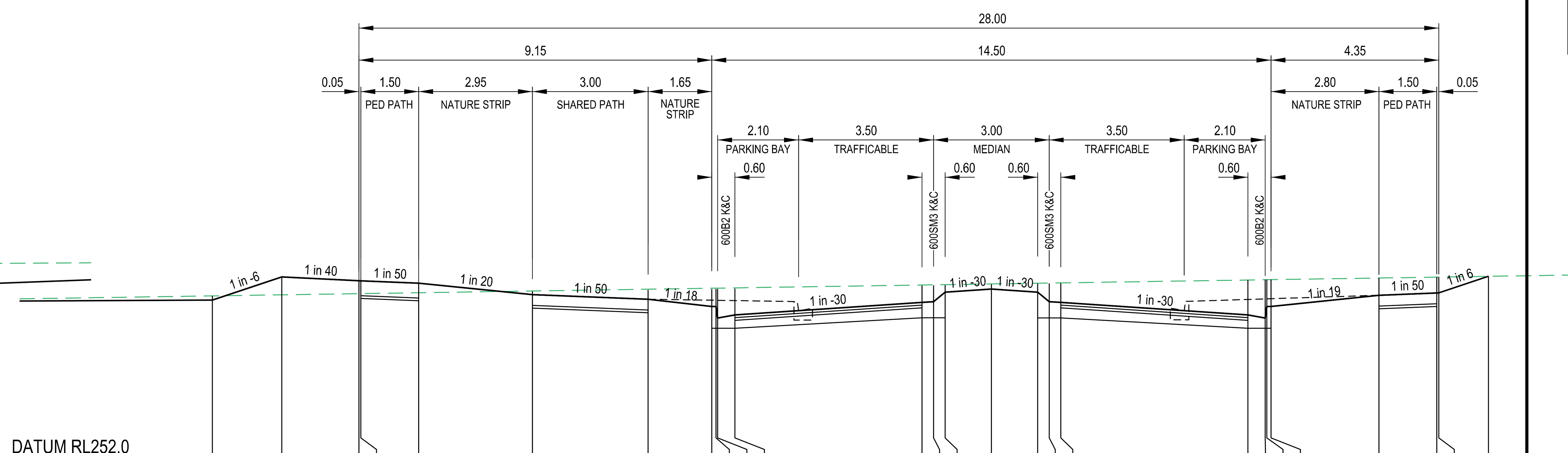
LEFT TITLE BOUNDARY



DATUM RL251.0

DESIGN RL's	253.131	253.130	253.100	253.027	252.967	252.873	252.873	252.723	252.763	252.924	252.933	253.058	253.098	253.058	252.933	252.924	252.763	252.723	252.873	252.873	253.173	253.203	253.204
EXIST RL's	253.196	253.197	253.218	253.259	253.294	253.312	253.313	253.313	253.318	253.368	253.371	253.374	253.385	253.397	253.400	253.402	253.449	253.453	253.454	253.455	253.498	253.503	253.503
OFFSETS	-16.40	-16.35	-14.85	-11.90	-8.90	-7.25	-7.14	-7.10	-6.65	-1.80	-1.50	-1.20	0.00	1.20	1.50	1.80	6.65	7.10	7.14	7.25	14.14	15.64	15.69

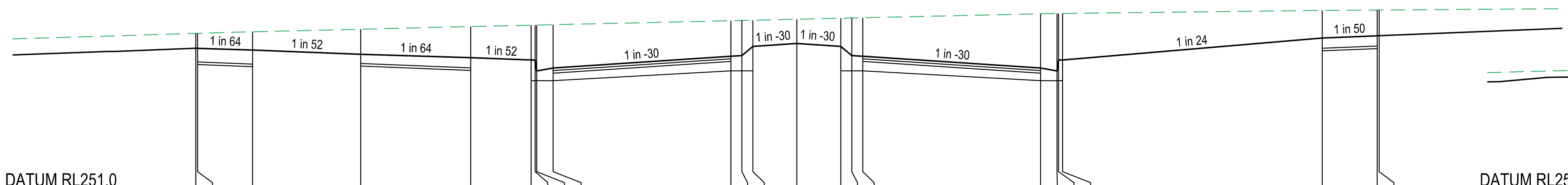
CH 347.78



DATUM RL252.0

DESIGN RL's	254.035	254.335	254.285	254.284	254.254	254.106	254.046	253.953	253.953	253.803	253.843	254.004	254.013	254.138	254.178	254.138	254.013	254.004	253.843	253.803	253.953	253.953	254.098	254.128	254.129	254.343
EXIST RL's	254.089	254.103	254.118	254.118	254.129	254.148	254.168	254.179	254.180	254.180	254.183	254.224	254.226	254.229	254.239	254.249	254.252	254.255	254.296	254.300	254.300	254.301	254.322	254.333	254.334	254.343
OFFSETS	-20.20	-18.40	-16.40	-16.35	-14.85	-11.90	-8.90	-7.25	-7.14	-7.10	-6.65	-1.80	-1.50	-1.20	0.00	1.20	1.50	1.80	6.65	7.10	7.14	7.25	10.05	11.55	11.60	-12.89

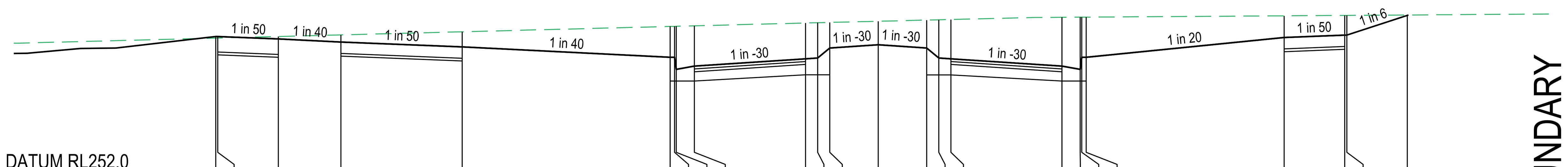
CH 465.14



DATUM RL251.0

DESIGN RL's	252.933	252.932	252.909	252.852	252.805	252.773	252.773	252.623	252.663	252.825	252.834	252.959	252.999	252.959	252.834	252.825	252.663	252.623	252.773	252.773	253.073	253.103	253.104
EXIST RL's	253.136	253.137	253.158	253.194	253.230	253.248	253.249	253.250	253.255	253.309	253.313	253.316	253.330	253.343	253.346	253.350	253.404	253.408	253.408	253.409	253.450	253.455	253.455
OFFSETS	-16.40	-16.35	-14.85	-11.90	-8.90	-7.25	-7.14	-7.10	-6.65	-1.80	-1.50	-1.20	0.00	1.20	1.50	1.80	6.65	7.10	7.14	7.25	14.34	15.84	15.89

CH 334.38

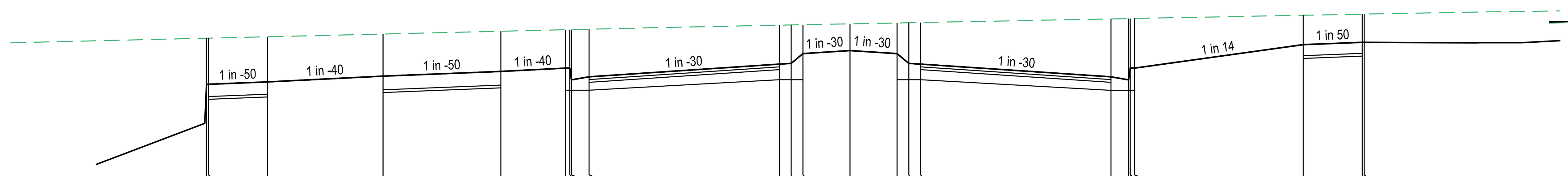


DATUM RL252.0

DESIGN RL's	253.686	253.685	253.655	253.616	253.556	253.427	253.427	253.277	253.317	253.409	253.418	253.543	253.583	253.543	253.418	253.409	253.317	253.277	253.427	253.427	253.672	253.702	253.703	253.950
EXIST RL's	253.666	253.666	253.685	253.705	253.744	253.810	253.811	253.812	253.817	253.853	253.856	253.860	253.874	253.889	253.892	253.896	253.923	253.925	253.925	253.925	253.942	253.947	253.947	253.950
OFFSETS	-16.40	-16.35	-14.85	-13.30	-10.30	-5.15	-5.04	-5.00	-4.55	-1.80	-1.50	-1.20	0.00	1.20	1.50	1.80	4.55	5.00	5.04	5.15	10.05	11.55	11.60	13.10

CH 413.11

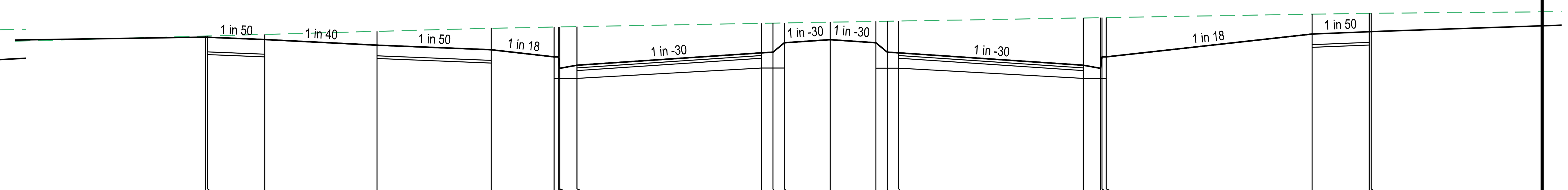
RIGHT TITLE BOUNDARY



DATUM RL251.0

DESIGN RL's	252.407	252.408	252.438	252.512	252.572	252.613	252.613	252.463	252.503	252.665	252.674	252.799	252.839	252.799	252.674	252.665	252.503	252.463	252.613	252.613	252.913	252.943	252.944
EXIST RL's	252.996	252.997	253.014	253.049	253.084	253.104	253.105	253.106	253.111	253.162	253.165	253.168	253.180	253.191	253.194	253.197	253.243	253.247	253.247	253.248	253.289	253.303	253.304
OFFSETS	-16.40	-16.35	-14.85	-11.90	-8.90	-7.25	-7.14	-7.10	-6.65	-1.80	-1.50	-1.20	0.00	1.20	1.50	1.80	6.65	7.10	7.14	7.25	11.55	13.05	13.10

CH 308.11



DATUM RL251.0

DESIGN RL's	253.242	253.241	253.211	253.137	253.077	252.983	252.983	252.833	252.873	253.035	253.044	253.169	253.209	253.169	253.044	253.035	252.873	252.833	252.983	252.983	253.283	253.313	253.314
EXIST RL's	253.256	253.257	253.278	253.318	253.359	253.374	253.375	253.375	253.379	253.423	253.426	253.428	253.438	253.448	253.451	253.453	253.493	253.497	253.497	253.498	253.543	253.555	253.555
OFFSETS	-16.40	-16.35	-14.85	-11.90	-8.90	-7.25	-7.14	-7.10	-6.65	-1.80	-1.50	-1.20	0.00	1.20	1.50	1.80	6.65	7.10	7.14	7.25	12.66	14.16	14.21

CH 362.65

ISSUED FOR CONSTRUCTION

LEGEND

- EXISTING SURFACE
- DESIGN SURFACE
- CLASS 3 CRUSHED ROCK BACKFILL

DELPHI BOULEVARD
CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50

SCALE H 1:100 V 1:50 @ A1

HORIZ 2 1 0 2 4 8
VERT 1 0.5 0 1 2 4
LENGTHS ARE IN METRES

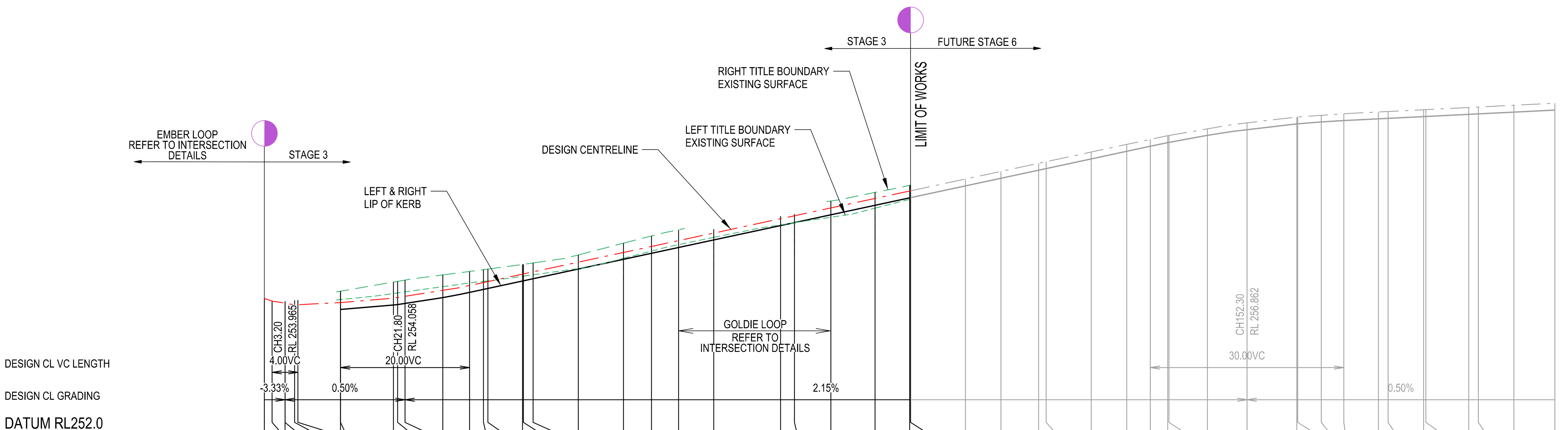
AMENDMENTS

VER	DATE	REMARKS
B	16/03/26	'CH 465.14' CROSS SECTION UPDATED
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10	KIMBERLY ESTATE STAGE 3	MUNICIPALITY HUME
SURVEY	BPD		
DESIGN	RF		REFERENCE 10255 E/3
DRAWN	RF	DELPHI BOULEVARD CROSS SECTIONS	
CHECKED	RS	SCALE AS SHOWN / DATUM AHD / DATE SEP'23	SHEET 7 OF 24 / B

Plotted: 16/03/2026
K:\H10255\ENG\ST03\R&D\E03_R07_DEL_XS.dgn



CHAINAGE CENTRE LINE	ES LEFT TITLE BDY	FS LEFT TITLE BDY	LEFT LIP OF KERB	DESIGN CL	RIGHT LIP OF KERB	FS RIGHT TITLE BDY	ES RIGHT TITLE BDY	
0.00				254.071				
1.20				254.031				
3.20				253.984				
4.68				253.973				
5.20				253.975				
11.80	254.055	254.209	253.901	254.008	253.901	254.229	254.184	TP
20.00	254.149	254.277	253.970	254.076	253.970	254.297	254.326	
20.65	254.158	254.285	253.978	254.084	253.978	254.305	254.337	
21.80	254.174	254.303	253.995	254.099	253.995	254.323	254.357	
27.65	254.255	254.391	254.084	254.190	254.084	254.411	254.437	
31.80	254.312	254.474	254.166	254.273	254.166	254.494	254.490	
33.95	254.336	254.520	254.212	254.319	254.212	254.540	254.518	
34.65	254.342	254.535	254.227	254.334	254.227	254.555	254.528	
40.00	254.416	254.650	254.342	254.449	254.342	254.670	254.599	
40.15	254.418	254.653	254.345	254.452	254.345	254.673	254.601	
41.65	254.439	254.685	254.378	254.484	254.378	254.705	254.623	
48.65	254.534	254.836	254.528	254.635	254.528	254.856	254.746	
55.65	254.694	254.986	254.678	254.785	254.678	255.006	254.929	
60.00	254.806	255.080	254.772	254.879	254.772	255.100	255.041	
64.20	254.906	255.170	254.862	254.969	254.862	255.190	255.138	RTP
69.65	255.019	255.287	254.979	255.086				
80.00	255.213	255.509	255.202	255.308				
82.15	255.247	255.556	255.248	255.355				
87.80	255.332	255.677	255.369	255.476	255.369	255.697	255.584	RTP
94.65	255.472	255.824	255.517	255.623	255.517	255.844	255.716	
100.00	255.609	255.939	255.632	255.738	255.632	255.959	255.827	
100.15	255.613	255.943	255.635	255.742	255.635	255.963	255.831	
108.65	255.807	256.125	255.818	255.924	255.818	256.145	256.040	
114.15		256.243	255.936	256.042	255.936	256.263	256.198	
120.00		256.369	256.062	256.168	256.062	256.389		
121.15		256.394	256.086	256.193	256.086	256.414		
128.15		256.544	256.237	256.343	256.237	256.564		
133.65		256.663	256.355	256.462	256.355	256.683		
137.30		256.741	256.433	256.540	256.433	256.761		
140.00		256.797	256.489	256.596	256.489	256.817		
140.20		256.801	256.493	256.600	256.493	256.821		
146.15		256.910	256.602	256.709	256.602			
152.30		256.997	256.689	256.800	256.689			
160.00		257.087	256.780	256.886	256.780			
160.15		257.089	256.781	256.888	256.781			
163.80		257.117	256.810	256.916	256.810			
167.30		257.138	256.831	256.937	256.831	257.158		
172.65		257.165	256.857	256.964	256.857	257.185		
174.15		257.173	256.865	256.972	256.865	257.193		
179.65		257.200	256.892	256.999	256.892	257.220		
180.00		257.202	256.894	257.001	256.894	257.222		
186.65		257.235	256.927	257.034	256.927	257.255		
188.15		257.243	256.935	257.042	256.935	257.263		
193.65		257.270	256.962	257.069	256.962	257.290		
200.00		257.302	256.994	257.101	256.994	257.322		

NOTE: NORTH IS THE DIRECTION OF INCREASING CHAINAGE

MARGUERITE STREET
LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
VERTICAL 1:50

SCALE H 1:500 V 1:50 @ A1

HORIZ 10 5 0 10 20 40
VERT 1 0.5 0 1 2 4
LENGTHS ARE IN METRES

ISSUED FOR CONSTRUCTION

AMENDMENTS

VER	DATE	REMARKS
A	28/10/25	ISSUED FOR CONSTRUCTION

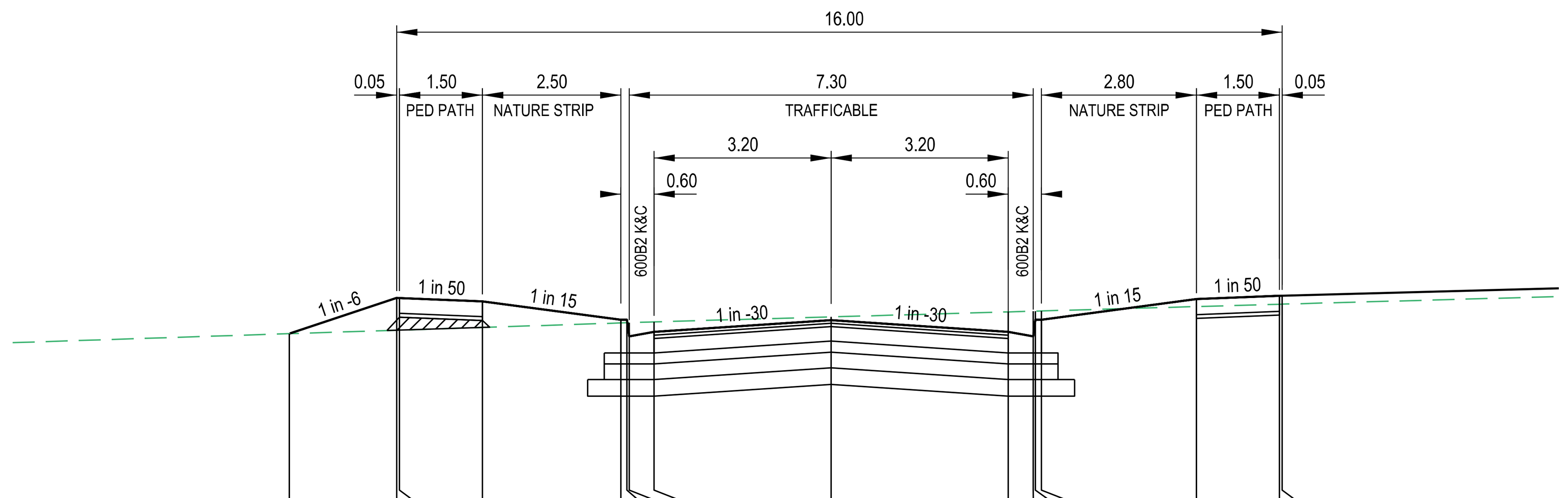
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 362-H-10	KIMBERLY ESTATE STAGE 3	MUNICIPALITY HUME	
SURVEY BPD			
DESIGN RF		REFERENCE 10255 E/3	
DRAWN RF	MARGUERITE STREET LONGITUDINAL SECTION		
CHECKED RS	SCALE AS SHOWN	DATUM AHD	DATE SEP'23

SHEET 8 OF 24 A

Plotted: 28/10/2025

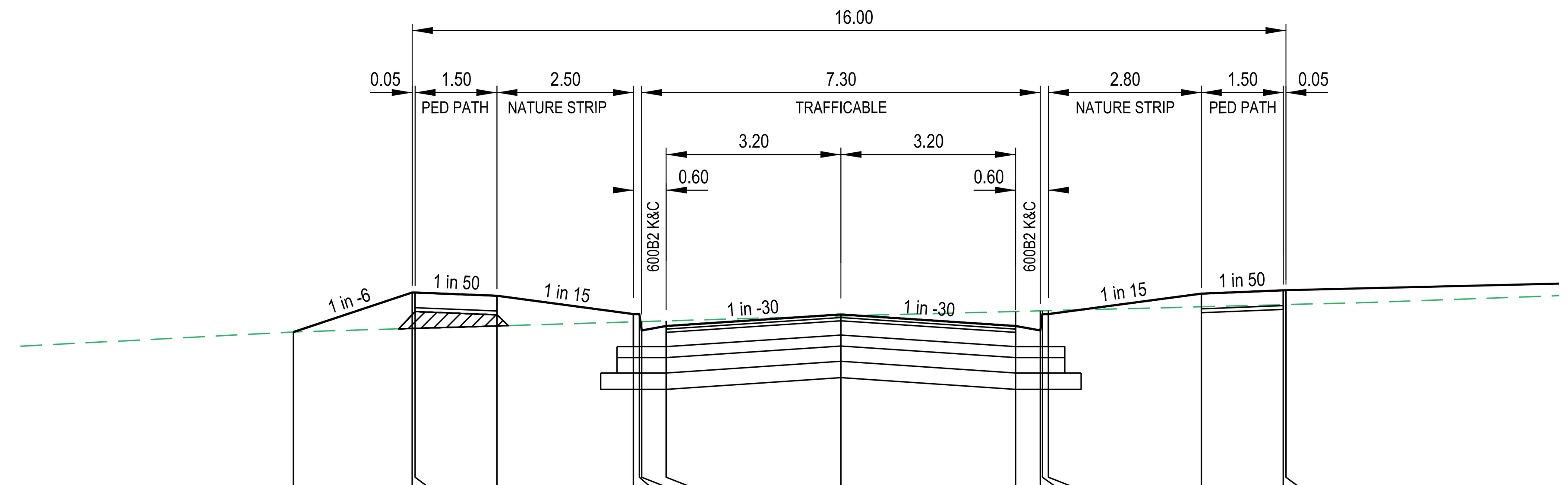
K:\H10255\ENG\ST03\R&D\E03_R08_MAR_LS.dgn



DATUM RL253.0

DESIGN RL's	254.663	254.986	254.985	254.955	254.788	254.788	254.638	254.678	254.785	254.678	254.638	254.788	254.788	254.975	255.005	255.006
EXIST RL's	254.663	254.694	254.695	254.719	254.760	254.761	254.762	254.769	254.814	254.860	254.866	254.866	254.868	254.908	254.929	254.929
OFFSETS	-9.79	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15

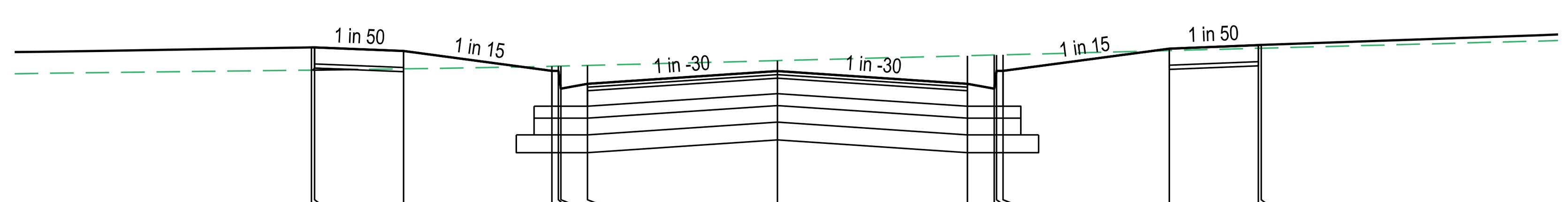
CH 55.65



DATUM RL254.0

DESIGN RL's	255.580	255.943	255.942	255.912	255.745	255.745	255.595	255.635	255.742	255.635	255.595	255.745	255.745	255.932	255.962	255.963
EXIST RL's	255.580	255.613	255.614	255.636	255.673	255.675	255.675	255.682	255.727	255.768	255.774	255.774	255.776	255.811	255.830	255.831
OFFSETS	-10.03	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15

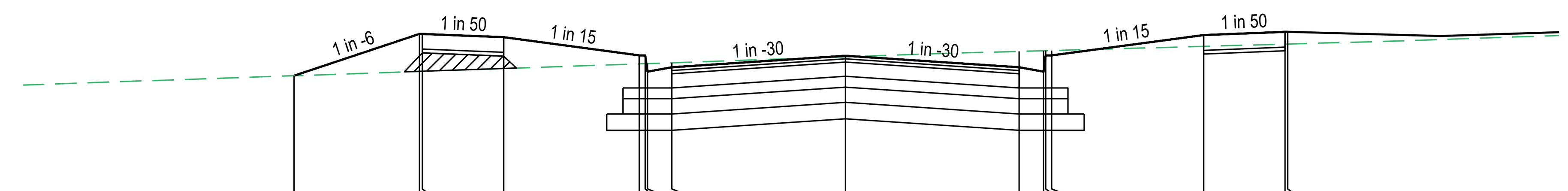
CH 100.15



DATUM RL253.0

DESIGN RL's	254.535	254.534	254.504	254.337	254.337	254.187	254.227	254.334	254.227	254.187	254.337	254.337	254.524	254.554	254.555
EXIST RL's	254.342	254.343	254.353	254.375	254.376	254.377	254.383	254.423	254.464	254.470	254.470	254.472	254.508	254.527	254.528
OFFSETS	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15

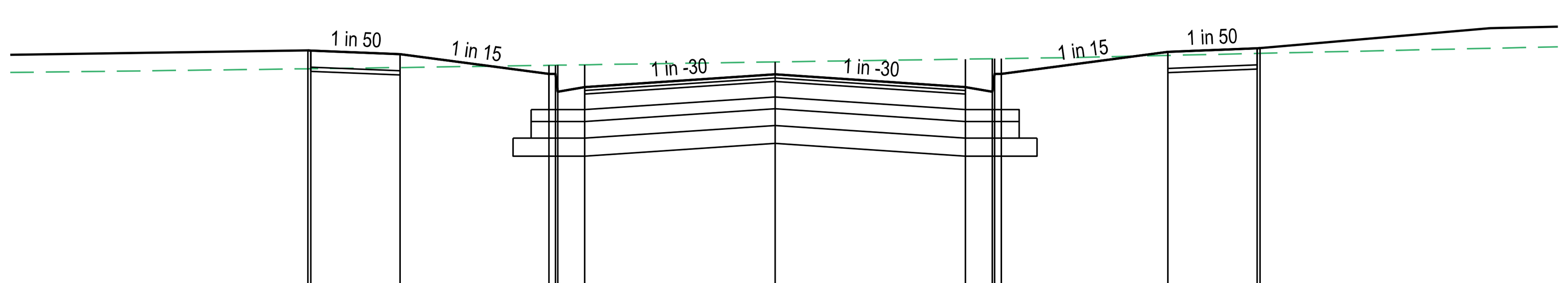
CH 34.65



DATUM RL254.0

DESIGN RL's	255.292	255.677	255.676	255.646	255.479	255.479	255.329	255.369	255.476	255.369	255.329	255.479	255.479	255.666	255.696	255.697
EXIST RL's	255.292	255.332	255.332	255.358	255.401	255.403	255.404	255.411	255.466	255.516	255.522	255.523	255.524	255.563	255.583	255.584
OFFSETS	-10.16	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15

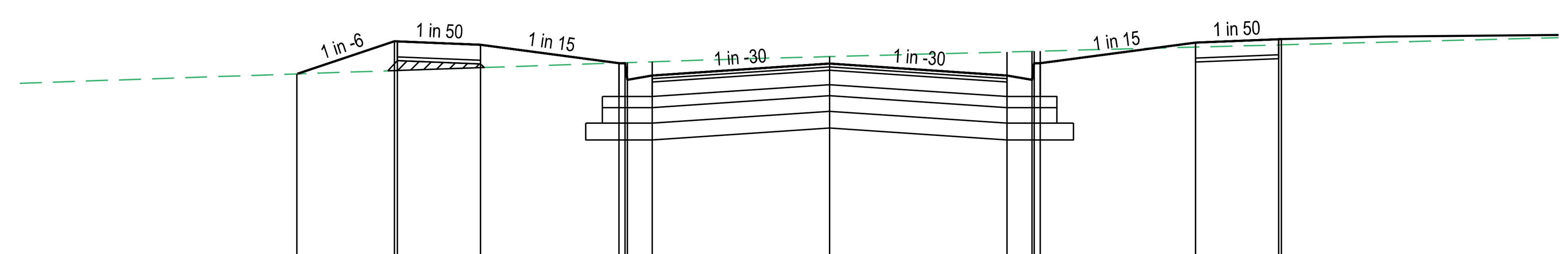
CH 87.80



DATUM RL252.0

DESIGN RL's	254.209	254.208	254.178	254.011	254.011	253.861	253.901	254.008	253.901	253.861	254.011	254.011	254.198	254.228	254.229
EXIST RL's	254.055	254.055	254.065	254.084	254.085	254.085	254.088	254.112	254.136	254.139	254.140	254.140	254.167	254.184	254.184
OFFSETS	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15

CH 11.80



DATUM RL253.0

DESIGN RL's	254.876	255.170	255.169	255.139	254.972	254.972	254.822	254.862	254.969	254.862	254.822	254.972	254.972	255.159	255.189	255.190
EXIST RL's	254.876	254.906	254.907	254.933	254.975	254.977	254.978	254.985	255.032	255.074	255.080	255.080	255.081	255.118	255.137	255.138
OFFSETS	-9.61	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15

CH 64.20

ISSUED FOR CONSTRUCTION

LEGEND

EXISTING SURFACE
DESIGN SURFACE
CLASS 3 CRUSHED ROCK BACKFILL

MARGUERITE STREET
CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50

SCALE H 1:100 V 1:50 @ A1
HORIZ 2 1 0 2 4 8
VERT 1 0.5 0 1 2 4
LENGTHS ARE IN METRES

AMENDMENTS

VER	DATE	REMARKS
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

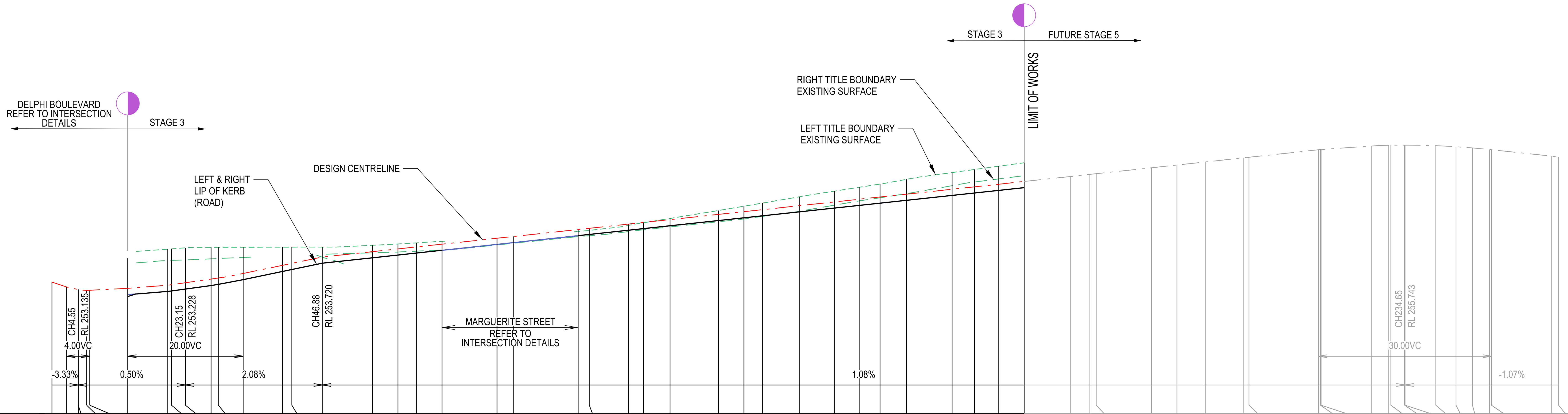
MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE
STAGE 3
MARGUERITE STREET CROSS SECTIONS

SCALE AS SHOWN | DATUM AHD | DATE SEP'23

MUNICIPALITY HUME
REFERENCE 10255 E/3
SHEET 9 OF 24 A

Plotted: 28/10/2025
K:\H10255\ENG\ST03\R&D\E03_R09_MAR_XS.dgn



CHAINAGE CENTRE LINE	ES LEFT TITLE BDY	FS LEFT TITLE BDY	LEFT LIP OF KERB	DESIGN CL	RIGHT LIP OF KERB	FS RIGHT TITLE BDY	ES RIGHT TITLE BDY	
0.00				253.286				
2.55				253.201				
4.55				253.154				
6.03				253.143				
6.55				253.145				
13.15			253.036	253.178	253.071			TP
20.00	253.857	253.451	253.124	253.230	253.124	253.431	253.660	
20.74	253.863	253.459	253.132	253.238	253.132	253.439	253.663	
23.15	253.880	253.492	253.165	253.267	253.165	253.472	253.671	
27.60	253.889	253.553	253.226	253.332	253.226	253.533	253.690	
28.84	253.890	253.574	253.247	253.353	253.247	253.554	253.695	
33.15	253.891	253.656	253.329	253.435	253.329	253.636	253.713	
40.00	253.893	253.799	253.471	253.578	253.471	253.779		
41.60	253.893	253.832	253.504	253.611	253.504	253.812		
46.88	253.895	253.941	253.614	253.720	253.614	253.921		
55.60	253.925	254.035	253.708	253.814	253.708	254.015	253.794	
60.00	253.947	254.083	253.755	253.862	253.755	254.063	253.807	
63.19	253.966	254.117	253.790	253.896	253.790	254.097	253.823	
67.65	253.994	254.165	253.838	253.944	253.838	254.145	253.844	LTP
77.19				254.047	253.940	254.248	253.930	
80.00				254.077	253.971	254.278	253.959	
91.25	254.165	254.420	254.092	254.198	254.092	254.400	254.076	LTP
93.19	254.183	254.440	254.113	254.219	254.113	254.420	254.091	
100.00	254.270	254.514	254.186	254.293	254.186	254.494	254.163	
102.60	254.316	254.542	254.214	254.321	254.214	254.522	254.195	
107.19	254.391	254.591	254.264	254.370	254.264	254.571	254.243	
115.60	254.528	254.682	254.354	254.461	254.354	254.662	254.333	
120.00	254.603	254.729	254.402	254.508	254.402	254.709	254.383	
123.19	254.656	254.764	254.436	254.543	254.436	254.744	254.426	
129.60	254.766	254.833	254.505	254.612	254.505	254.813	254.515	
135.69	254.864	254.898	254.571	254.677	254.571	254.878	254.621	
140.00	254.931	254.945	254.617	254.724	254.617	254.925	254.694	
143.60	254.987	254.983	254.656	254.762	254.656	254.963	254.749	
148.19	255.068	255.033	254.705	254.812	254.705	255.013	254.820	
156.10	255.186	255.118	254.790	254.897	254.790	255.098	254.959	
160.00	255.240	255.160	254.832	254.939	254.832	255.140	255.023	
164.19	255.297	255.205	254.878	254.984	254.878	255.185	255.076	
168.60	255.356	255.253	254.925	255.032	254.925	255.233	255.132	
176.69	255.464	255.340	255.012	255.119	255.012	255.320	255.236	
180.00	255.508	255.376	255.048	255.155	255.048	255.356		
181.10	255.523	255.387	255.060	255.166	255.060	255.367		
190.69		255.491	255.163	255.270	255.163	255.471		
195.10		255.538	255.211	255.317	255.211	255.518		
200.00		255.591	255.263	255.370	255.263	255.571		
206.69		255.663	255.336	255.442	255.336	255.643		
207.60		255.673	255.345	255.452	255.345	255.653		
219.65		255.803	255.475	255.582	255.475	255.783		
220.00		255.807	255.479	255.585	255.479	255.787		
220.10		255.808	255.480	255.587	255.480	255.788		
228.80		255.871	255.544	255.650				
231.75		255.881	255.553	255.660				
232.20		255.881	255.553	255.661				
234.60				255.663				
234.65				255.663				
240.00				255.653				
243.49			255.507	255.635				
246.36			255.507	255.614				
249.34			255.479	255.586	255.479	255.714		
249.65			255.476	255.583	255.476	255.710		
260.00			255.365	255.472	255.365	255.599		
261.29			255.351	255.458	255.351	255.585		

NOTE: EAST IS THE DIRECTION OF INCREASING CHAINAGE

EMBER LOOP

LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
VERTICAL 1:50

SCALE H 1:500 V 1:50 @ A1

HORIZ 10 5 0 10 20 40

VERT 1 0.5 0 1 2 4

LENGTHS ARE IN METRES

ISSUED FOR CONSTRUCTION

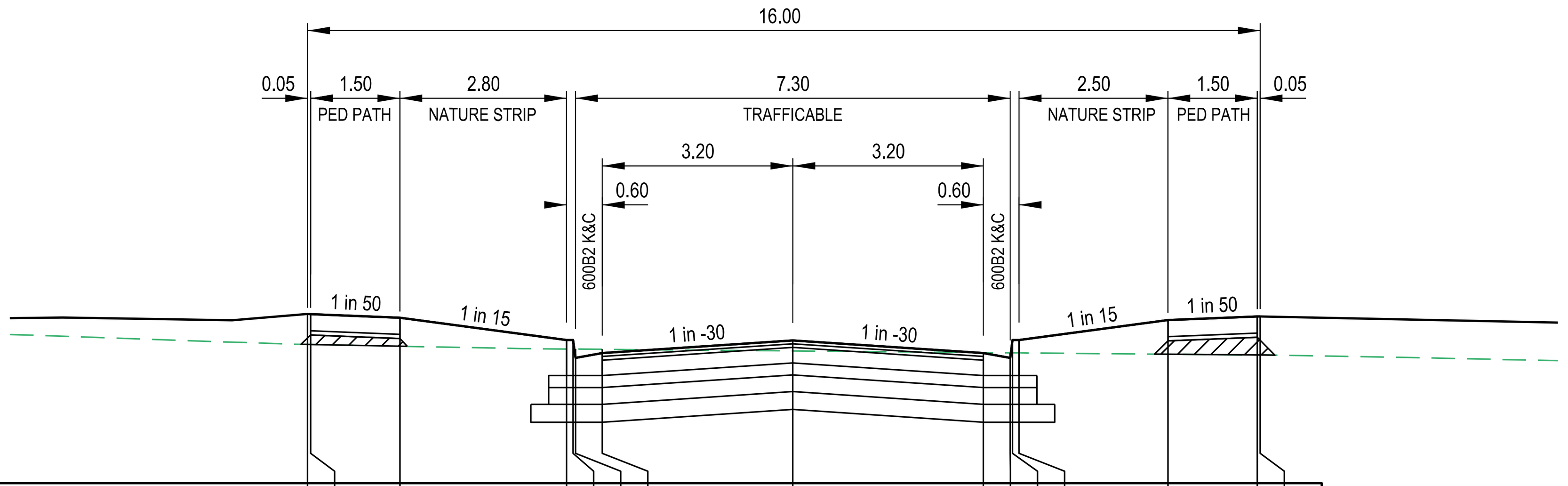
AMENDMENTS		
VER	DATE	REMARKS
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 362-H-10	KIMBERLY ESTATE STAGE 3		MUNICIPALITY HUME
SURVEY BPD			
DESIGN RF			REFERENCE 10255 E/3
DRAWN RF	EMBER LOOP LONGITUDINAL SECTION		
CHECKED RS	SCALE AS SHOWN	DATUM AHD	DATE SEP'23
			SHEET 10 OF 24 A

Plotted: 28/10/2025

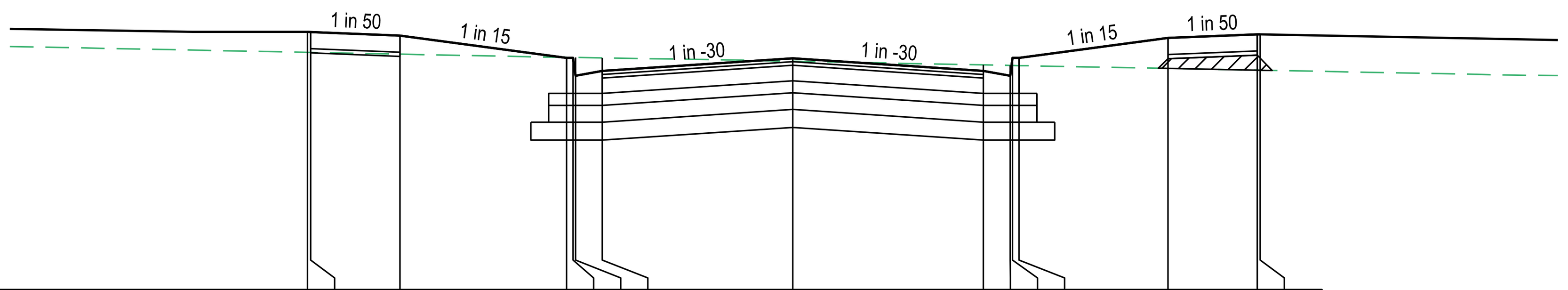
K:\H10255\ENG\ST03\R&D\E03_R10_EMB_LS.dgn



DATUM RL253.0

DESIGN RL's	254.420	254.419	254.389	254.202	254.202	254.052	254.092	254.198	254.092	254.052	254.202	254.202	254.369	254.399	254.400
EXIST RL's	254.165	254.164	254.150	254.126	254.126	254.126	254.124	254.110	254.096	254.094	254.094	254.093	254.082	254.076	254.076
OFFSETS	-8.15	-8.10	-6.60	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.30	7.80	7.85

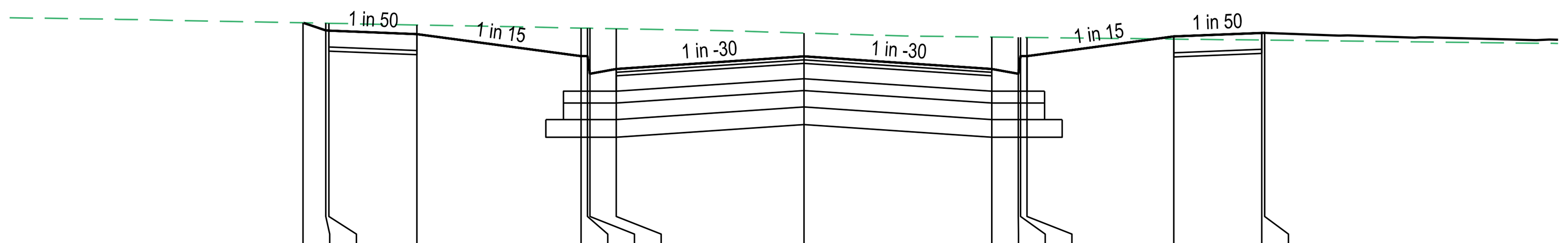
CH 91.25



DATUM RL252.0

DESIGN RL's	254.165	254.164	254.134	253.948	253.948	253.798	253.838	253.944	253.838	253.798	253.948	253.948	254.114	254.144	254.145
EXIST RL's	253.994	253.993	253.979	253.952	253.951	253.951	253.947	253.919	253.889	253.884	253.884	253.883	253.859	253.845	253.844
OFFSETS	-8.15	-8.10	-6.60	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.30	7.80	7.85

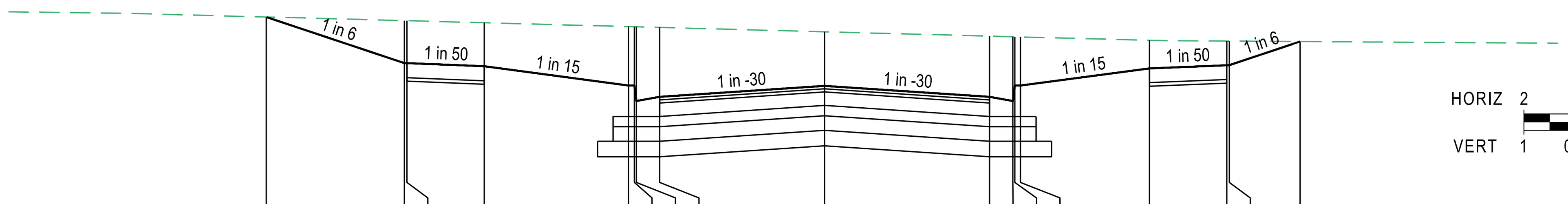
CH 67.65



DATUM RL252.0

DESIGN RL's	253.897	253.832	253.831	253.801	253.614	253.614	253.464	253.504	253.611	253.504	253.464	253.614	253.614	253.781	253.811	253.812
EXIST RL's	253.897	253.893	253.893	253.879	253.852	253.851	253.851	253.846	253.810	253.776	253.773	253.773	253.773	253.758	253.750	253.750
OFFSETS	-8.54	-8.15	-8.10	-6.60	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.30	7.80	7.85

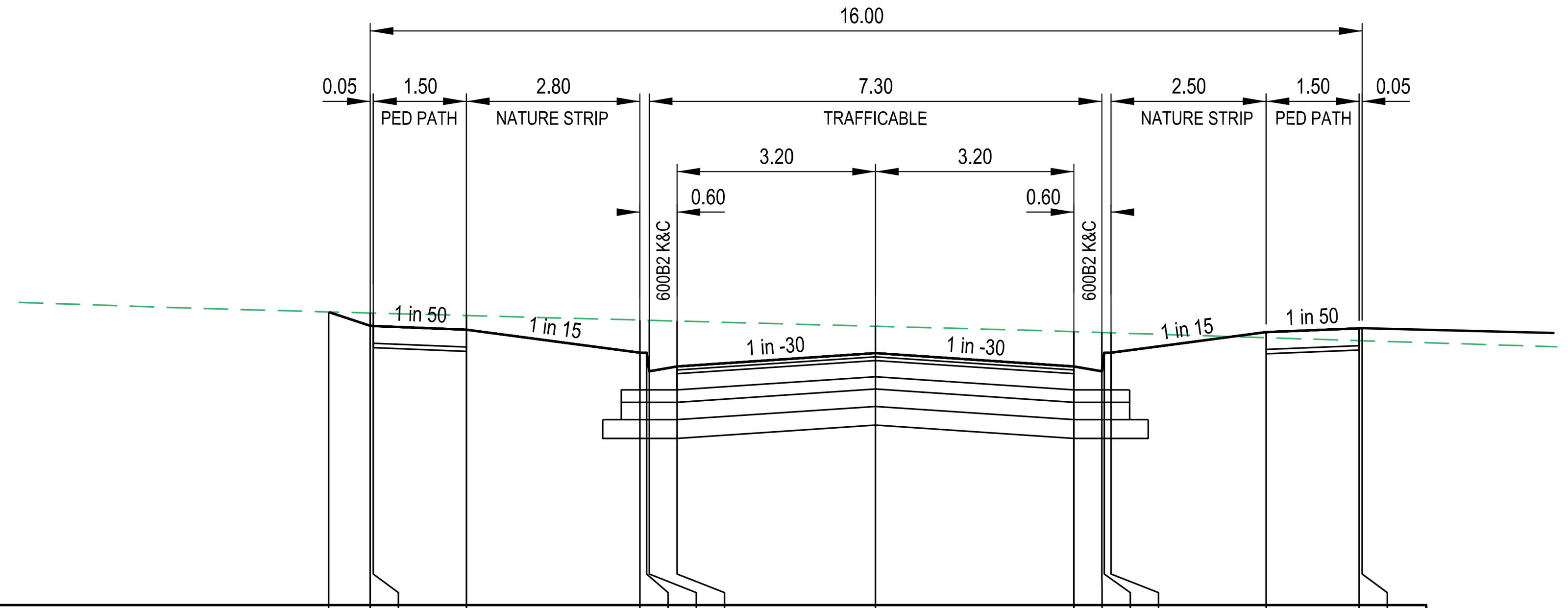
CH 41.60



DATUM RL252.0

DESIGN RL's	253.853	253.407	253.406	253.376	253.189	253.189	253.039	253.079	253.186	253.079	253.039	253.189	253.189	253.356	253.386	253.387	253.615
EXIST RL's	253.853	253.818	253.817	253.797	253.760	253.759	253.758	253.752	253.710	253.667	253.661	253.661	253.659	253.627	253.620	253.620	253.615
OFFSETS	-10.83	-8.15	-8.10	-6.60	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.30	7.80	7.85	9.22

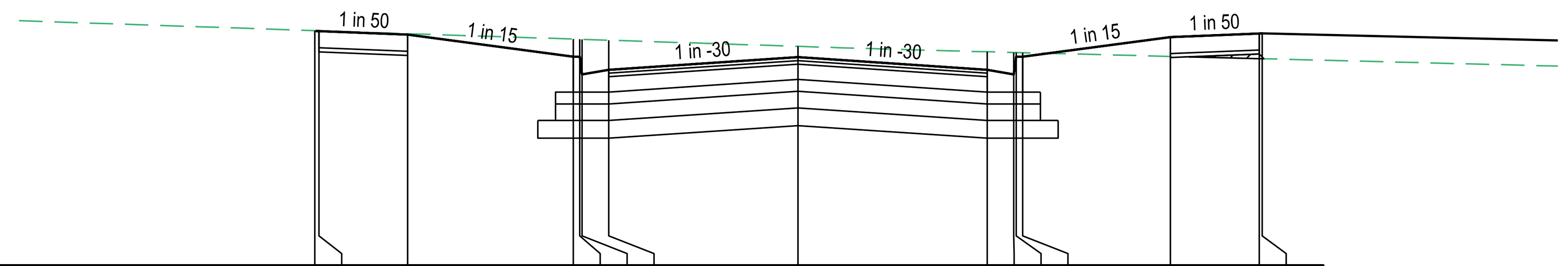
CH 14.60



DATUM RL253.0

DESIGN RL's	255.365	255.253	255.252	255.222	255.035	255.035	254.885	254.925	255.032	254.925	254.885	255.035	255.035	255.202	255.232	255.233
EXIST RL's	255.365	255.356	255.355	255.336	255.299	255.297	255.297	255.291	255.249	255.205	255.198	255.198	255.196	255.157	255.133	255.132
OFFSETS	-8.82	-8.15	-8.10	-6.60	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.30	7.80	7.85

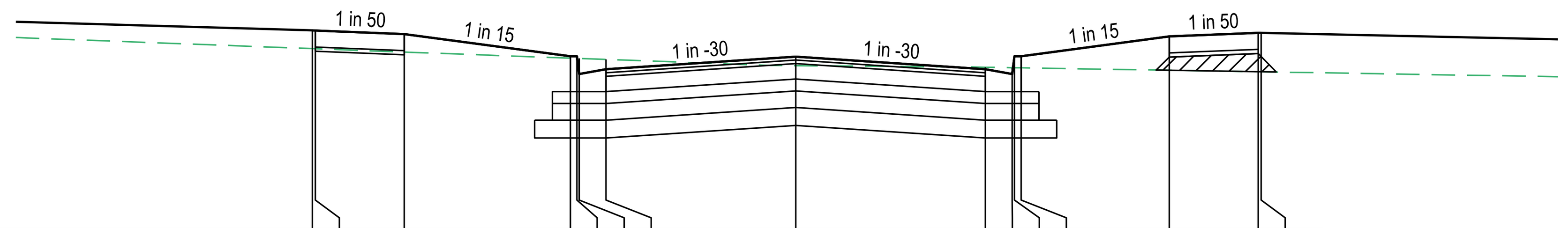
CH 168.60



DATUM RL253.0

DESIGN RL's	254.987	254.982	254.952	254.766	254.766	254.616	254.656	254.762	254.656	254.616	254.766	254.766	254.932	254.962	254.963
EXIST RL's	254.987	254.986	254.961	254.916	254.914	254.913	254.906	254.854	254.808	254.802	254.802	254.800	254.769	254.750	254.749
OFFSETS	-8.17	-8.10	-6.60	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.30	7.80	7.85

CH 143.60



DATUM RL253.0

DESIGN RL's	254.682	254.681	254.651	254.464	254.464	254.314	254.354	254.461	254.354	254.314	254.464	254.464	254.631	254.661	254.662
EXIST RL's	254.528	254.527	254.499	254.448	254.446	254.445	254.437	254.385	254.371	254.367	254.367	254.366	254.346	254.333	254.333
OFFSETS	-8.15	-8.10	-6.60	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.30	7.80	7.85

CH 115.60

ISSUED FOR CONSTRUCTION

EMBER LOOP
CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50

SCALE H 1:100 V 1:50 @ A1

HORIZ 2 1 0 2 4 8
VERT 1 0.5 0 1 2 4
LENGTHS ARE IN METRES

LEGEND
- EXISTING SURFACE
- DESIGN SURFACE
- CLASS 3 CRUSHED ROCK BACKFILL

AMENDMENTS

VER	DATE	REMARKS
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

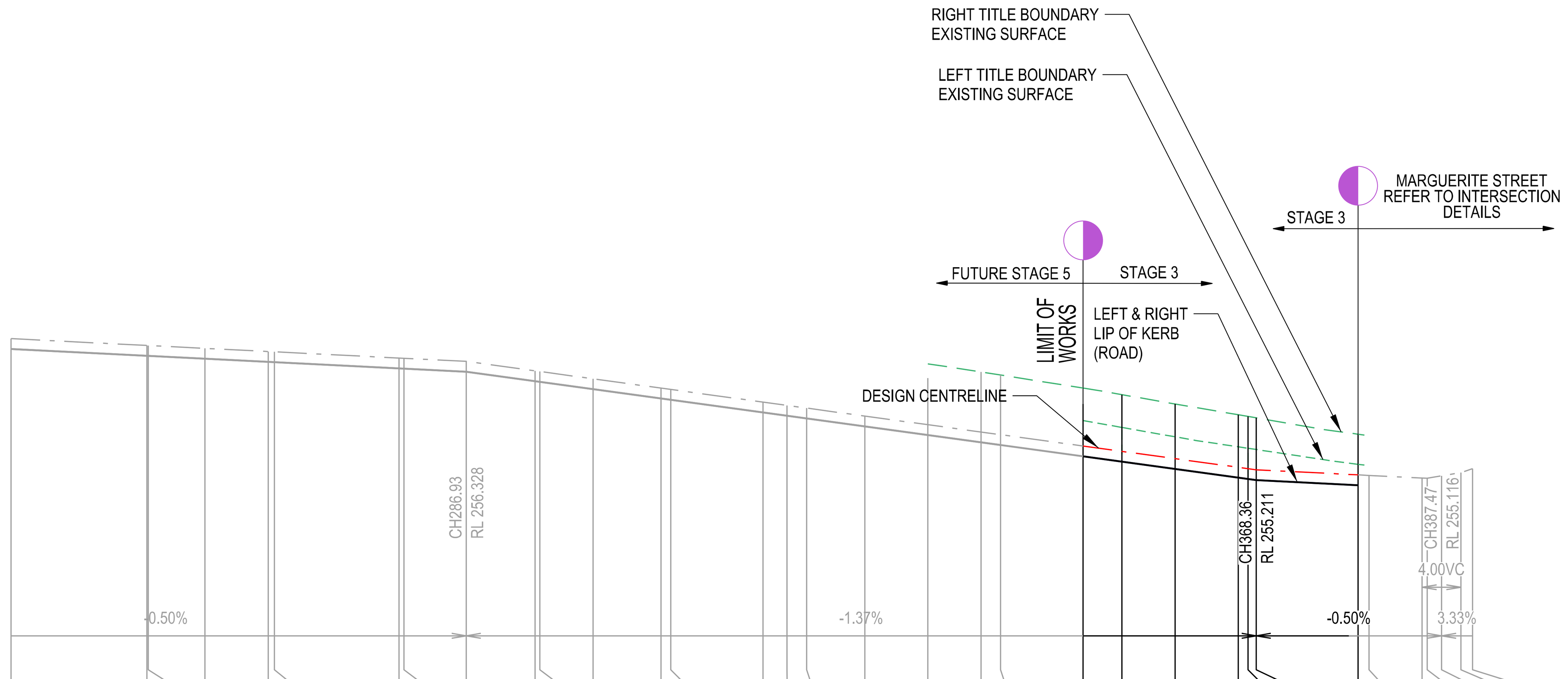
MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE
STAGE 3
EMBER LOOP CROSS SECTIONS

SCALE AS SHOWN | DATUM AHD | DATE SEP'23

MUNICIPALITY HUME
REFERENCE 10255 E/3
SHEET 11 OF 24 A

Plotted: 28/10/2025
K:\H10255\ENG\ST03\R&D\E03_R11_EMB_XS.dgn



DESIGN CL VC LENGTH

DESIGN CL GRADING

DATUM RL253.0

CHAINAGE CENTRE LINE	ES LEFT TITLE BDY	FS LEFT TITLE BDY	LEFT LIP OF KERB	DESIGN CL	RIGHT LIP OF KERB	FS RIGHT TITLE BDY	ES RIGHT TITLE BDY
240.00		256.722	256.456	256.563	256.456	256.737	
254.02		256.652	256.386	256.493	256.386	256.667	
254.16		256.651	256.385	256.492	256.385	256.666	
260.00		256.622	256.356	256.463	256.356	256.637	
266.52		256.590	256.324	256.430	256.324	256.605	
267.16		256.586	256.320	256.427	256.320	256.601	
280.00		256.522	256.256	256.363	256.256	256.537	
280.52		256.520	256.254	256.360	256.254	256.535	
286.93		256.487	256.221	256.328	256.221	256.502	
294.02		256.390	256.124	256.231	256.124	256.405	
294.52		256.383	256.117	256.224	256.117	256.398	
300.00		256.308	256.042	256.149	256.042	256.323	
307.02		256.212	255.946	256.053	255.946	256.227	
308.02		256.198	255.932	256.039	255.932	256.213	
317.52		256.068	255.802	255.909	255.802	256.083	
320.00		256.034	255.768	255.875	255.768	256.049	
322.02		256.006	255.740	255.847	255.740	256.021	
328.02		255.924	255.658	255.765	255.658	255.939	
334.52		255.835	255.569	255.675	255.569	255.850	
340.00		255.760	255.494	255.600	255.494	255.775	256.220
342.02		255.732	255.466	255.573	255.466	255.747	256.188
350.52	255.718	255.615	255.349	255.456	255.349	255.630	256.053
354.52	255.648	255.560	255.294	255.401	255.294	255.575	255.986
360.00	255.551	255.485	255.219	255.326	255.219	255.500	255.890
366.52	255.448	255.396	255.130	255.236	255.130	255.411	255.778
367.52	255.433	255.382	255.116	255.223	255.116	255.397	255.761
368.36	255.420	255.370	255.104	255.211	255.104	255.385	255.746
378.87	255.268	255.318	255.052	255.159	255.052	255.333	255.578
380.00				255.153			
385.47				255.126			
385.99				255.124			
387.47				255.135			
389.47				255.182			
390.67				255.222			

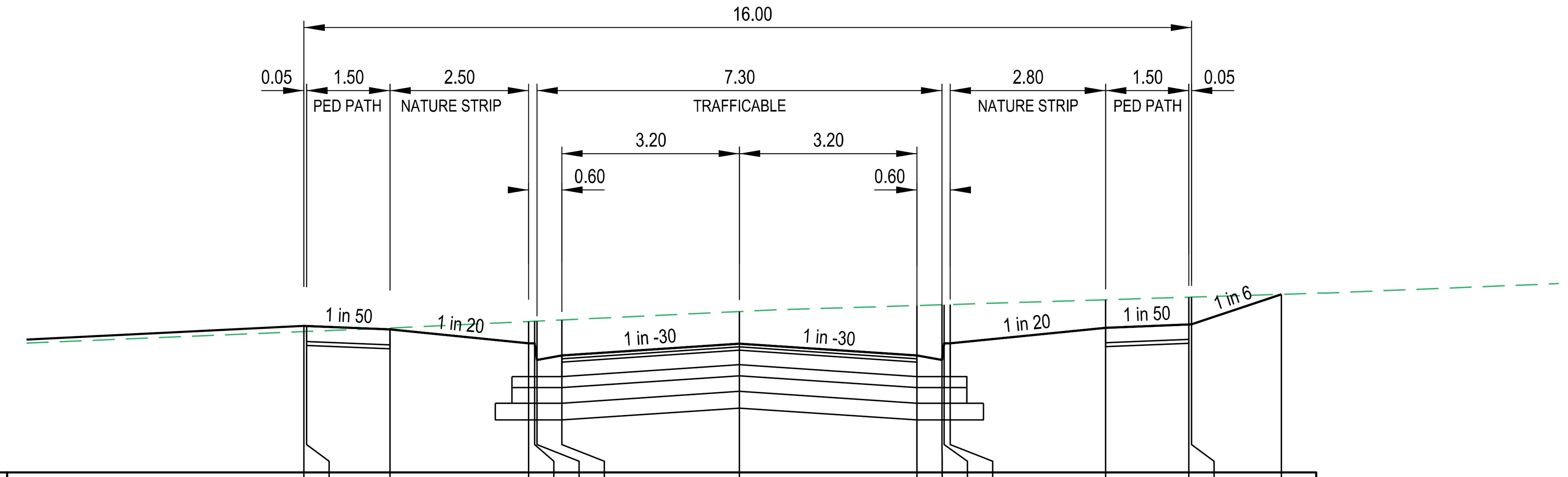
TP

NOTE: EAST IS THE DIRECTION OF INCREASING CHAINAGE

GOLDIE LOOP
LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
VERTICAL 1:50

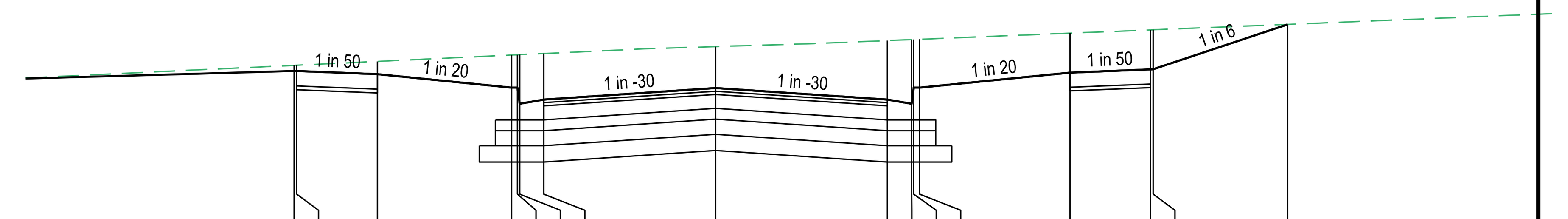
SCALE H 1:500 V 1:50 @ A1
HORIZ 10 5 0 10 20 40
VERT 1 0.5 0 1 2 4
LENGTHS ARE IN METRES



DATUM RL254.0

DESIGN RL's	255.318	255.317	255.287	255.162	255.162	255.012	255.052	255.159	255.052	255.012	255.162	255.162	255.302	255.332	255.333	255.603
EXIST RL's	255.268	255.269	255.300	255.358	255.360	255.361	255.372	255.447	255.502	255.509	255.509	255.511	255.554	255.577	255.578	255.603
OFFSETS	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15	9.77

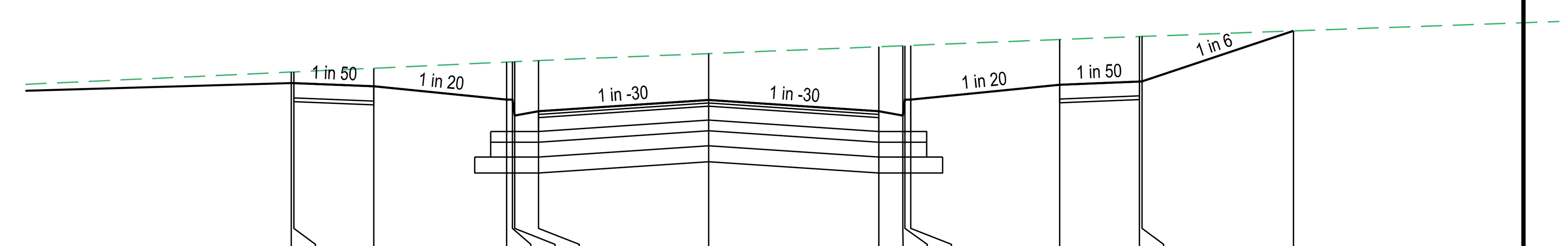
CH 378.87



DATUM RL254.0

DESIGN RL's	255.396	255.395	255.365	255.240	255.240	255.090	255.130	255.236	255.130	255.090	255.240	255.240	255.380	255.410	255.411	255.829
EXIST RL's	255.448	255.449	255.484	255.543	255.546	255.547	255.557	255.622	255.678	255.687	255.688	255.690	255.746	255.777	255.778	255.829
OFFSETS	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15	10.66

CH 366.52



DATUM RL254.0

DESIGN RL's	255.615	255.614	255.584	255.459	255.459	255.309	255.349	255.456	255.349	255.309	255.459	255.459	255.599	255.629	255.630	256.105
EXIST RL's	255.718	255.719	255.754	255.812	255.814	255.815	255.826	255.892	255.956	255.965	255.966	255.968	256.025	256.052	256.053	256.105
OFFSETS	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15	11.00

CH 350.52

LEGEND

- EXISTING SURFACE
- DESIGN SURFACE
- CLASS 3 CRUSHED ROCK BACKFILL

GOLDIE LOOP
CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50

SCALE H 1:100 V 1:50 @ A1
HORIZ 2 1 0 2 4 8
VERT 1 0.5 0 1 2 4
LENGTHS ARE IN METRES

ISSUED FOR CONSTRUCTION

AMENDMENTS

VER	DATE	REMARKS
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE
STAGE 3
GOLDIE LOOP LONGITUDINAL SECTION & CROSSS SECTIONS

SCALE AS SHOWN | DATUM AHD | DATE SEP'23

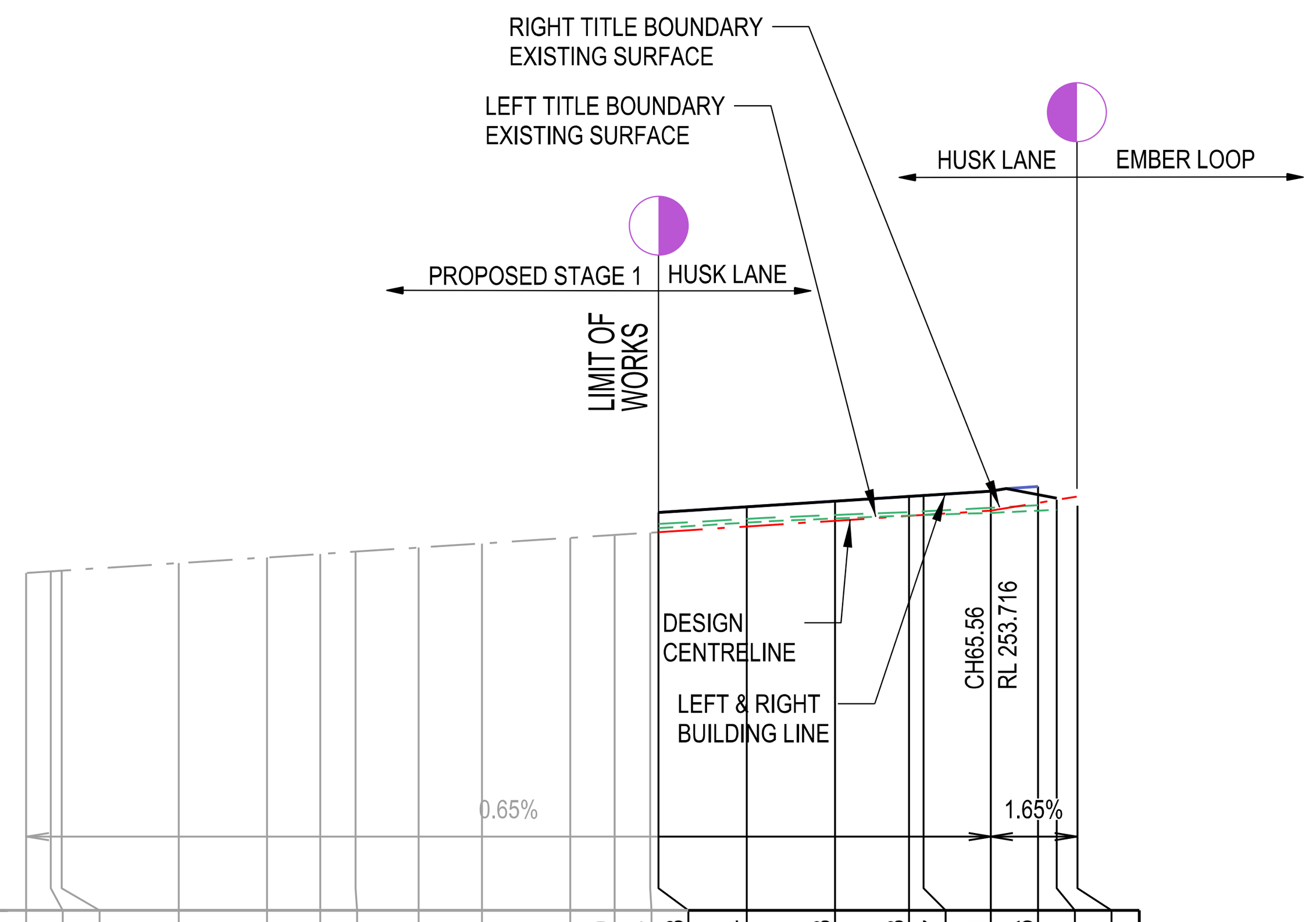
MUNICIPALITY HUME

REFERENCE 10255 E/3

Plotted: 28/10/2025
K:\H10255\ENG\ST03\R&D\E03_R12_GOL_LSXS.dgn

RIGHT TITLE BOUNDARY EXISTING SURFACE

LEFT TITLE BOUNDARY EXISTING SURFACE



DESIGN CL VC LENGTH

DESIGN CL GRADING

DATUM RL251.0

ES LEFT TITLE BDY											253.580	253.594	253.598	253.634	253.663	253.683	253.687	253.701	253.716		
FS LEFT TITLE BDY		253.293	253.344	253.493	253.532	253.555	253.570	253.598	253.626	253.665	253.684	253.700	253.703	253.742	253.781	253.813	253.820	253.849	253.825		
LEFT LIP OF KERB		253.293	253.344	253.493	253.532	253.555	253.570	253.598	253.626	253.665	253.684	253.700	253.703	253.742	253.781	253.813	253.820	253.849	253.825		
DESIGN CL		253.303	253.308	253.360	253.398	253.422	253.437	253.465	253.493	253.531	253.551	253.566	253.570	253.609	253.648	253.680	253.686	253.716	253.769	253.790	
RIGHT LIP OF KERB			253.344	253.493	253.532	253.555	253.570	253.598	253.626	253.665	253.684	253.700	253.703	253.742	253.781	253.813	253.820	253.849	253.880		
FS RIGHT TITLE BDY			253.344	253.493	253.532	253.555	253.570	253.598	253.626	253.665	253.684	253.700	253.703	253.742	253.781	253.813	253.820	253.849	253.880		
ES RIGHT TITLE BDY											253.607	253.622	253.625	253.660	253.686	253.707	253.711	253.736	253.754	253.778	
CHAINAGE CENTRE LINE	0.00	1.68	2.42	10.38	16.38	20.00	22.38	26.68	30.98	36.98	40.00	42.42	42.98	48.98	54.98	60.00	60.99	65.56	68.77	70.05	71.46

NOTE: NORTH IS THE DIRECTION OF INCREASING CHAINAGE

HUSK LANE
LONGITUDINAL SECTION

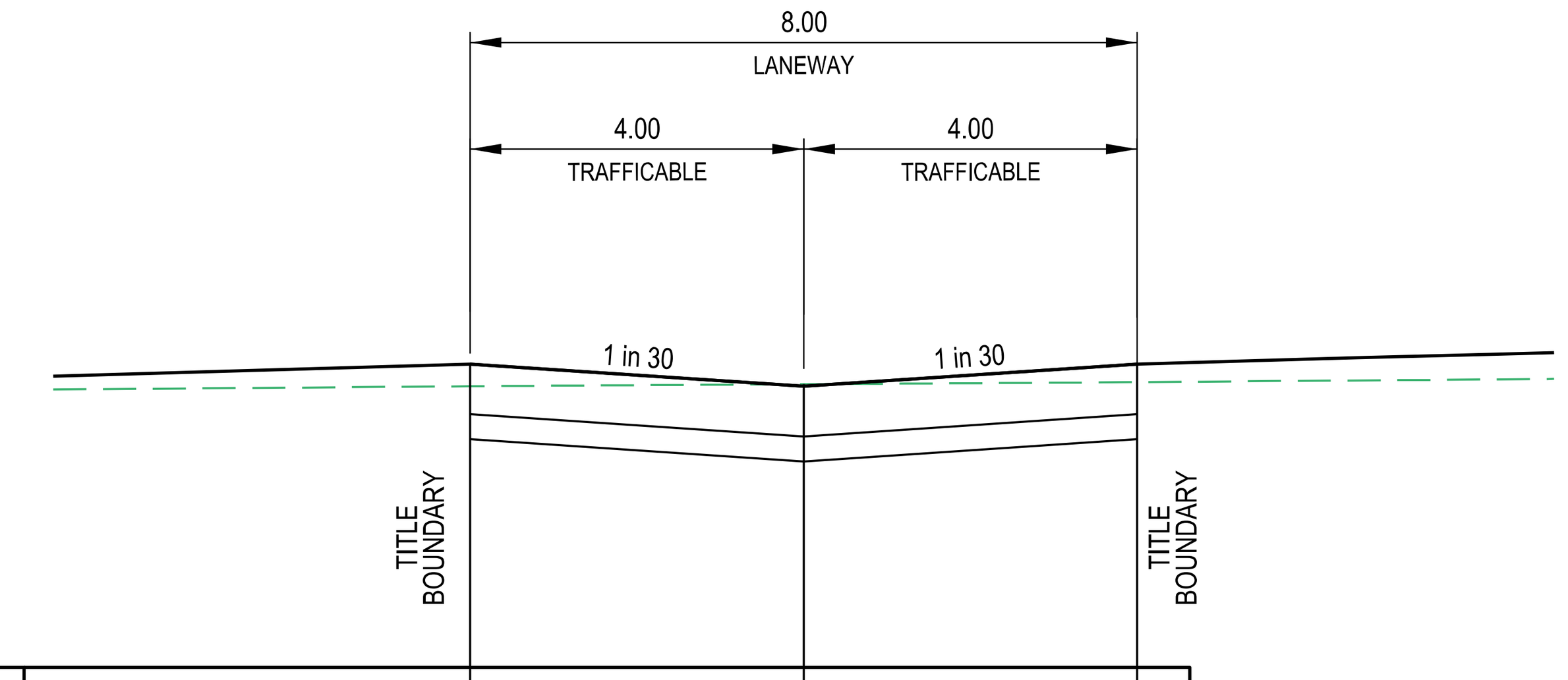
SCALE HORIZONTAL 1:500
VERTICAL 1:50

SCALE H 1:500 V 1:50 @ A1

HORIZ 10 5 0 10 20 40

VERT 1 0.5 0 1 2 4

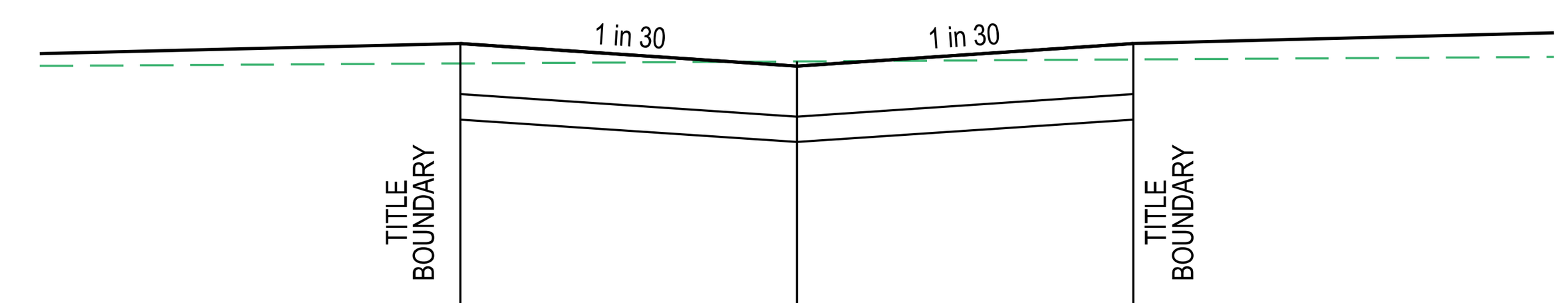
LENGTHS ARE IN METRES



DATUM RL252.0

DESIGN RL's	253.820	253.686	253.820
EXIST RL's	253.687	253.699	253.711
OFFSETS	-4.00	0.00	4.00

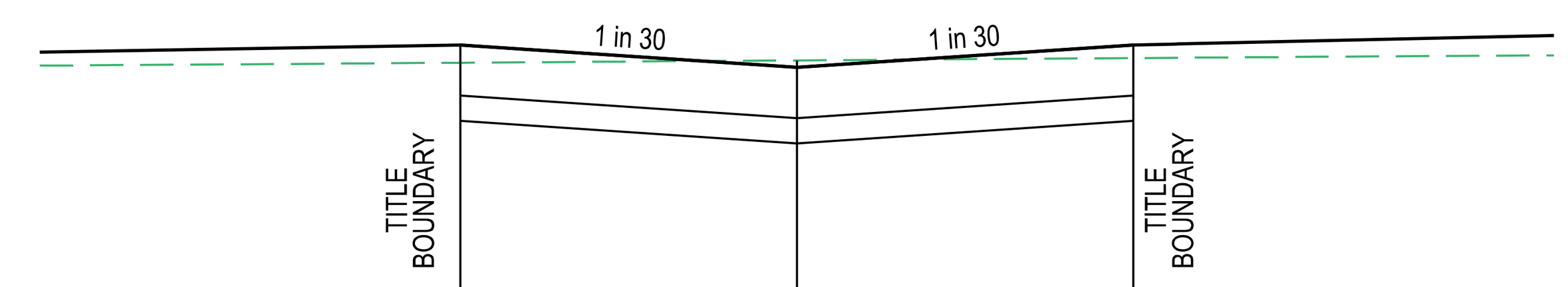
CH 60.99



DATUM RL252.0

DESIGN RL's	253.781	253.648	253.781
EXIST RL's	253.663	253.675	253.686
OFFSETS	-4.00	0.00	4.00

CH 54.98



DATUM RL252.0

DESIGN RL's	253.700	253.566	253.700
EXIST RL's	253.594	253.608	253.622
OFFSETS	-4.00	0.00	4.00

CH 42.42

LEGEND

- EXISTING SURFACE
- DESIGN SURFACE
- CLASS 3 CRUSHED ROCK BACKFILL

HUSK LANE
CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50

SCALE H 1:100 V 1:50 @ A1

HORIZ 2 1 0 2 4 8

VERT 1 0.5 0 1 2 4

LENGTHS ARE IN METRES

ISSUED FOR CONSTRUCTION

AMENDMENTS

VER	DATE	REMARKS
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE STAGE 3
HUSK LANE LONGITUDINAL SECTION & CROSSS SECTIONS

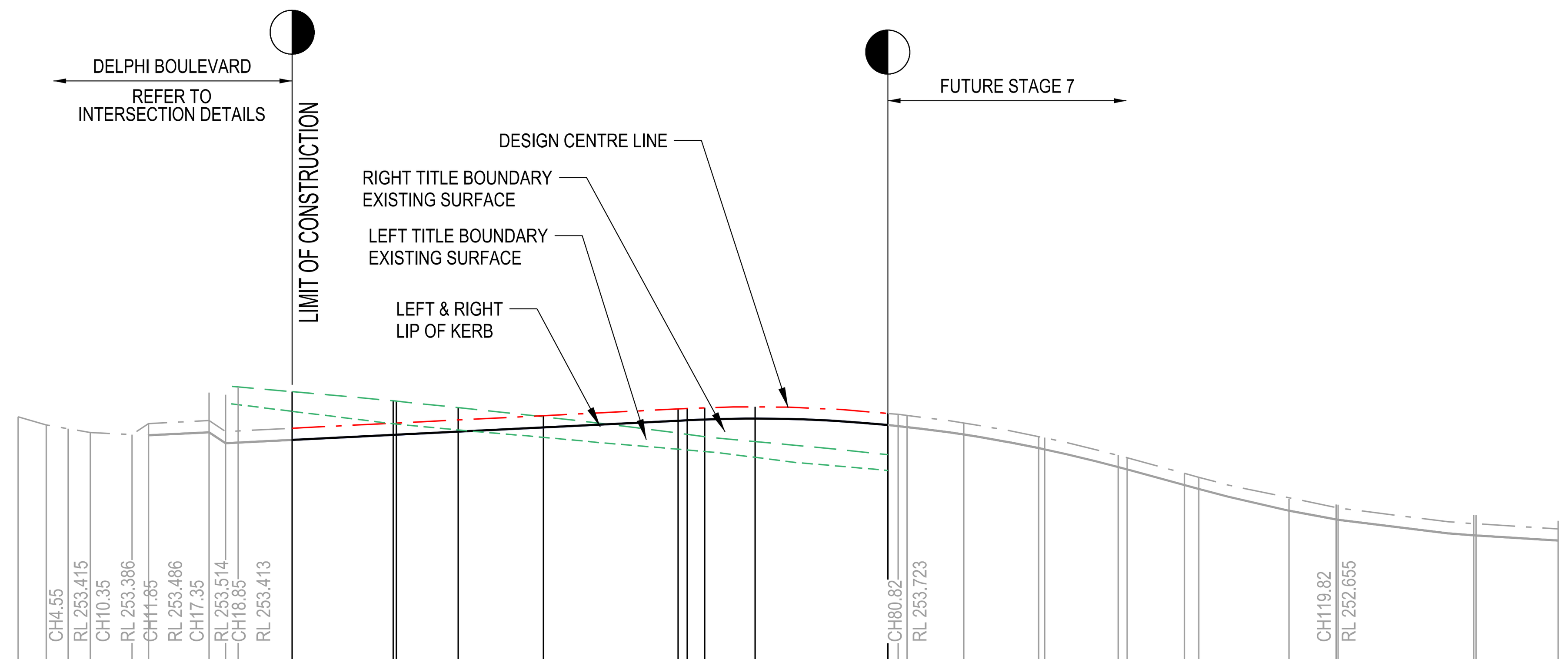
MUNICIPALITY HUME

REFERENCE 10255 E/3

SCALE AS SHOWN | DATUM AHD | DATE SEP'23 | SHEET 13 OF 24 | A

Plotted: 28/10/2025

K:\H10255\ENG\ST03\R&D\E03_R13_HUS_LSXS.dgn



DESIGN CL VC LENGTH: 4.00VC | 40.00VC | 25.00VC

DESIGN CL GRADING: -2.92% | -0.50% | 6.67% | 0.50% | -6.67% | 0.50% | -2.74%

DATUM RL250.0

ES LEFT TITLE BDY									253.658	253.598
FS LEFT TITLE BDY									253.616	253.613
LEFT LIP OF KERB						253.379	253.407	253.307	253.313	253.337
DESIGN CL	253.548	253.473	253.427	253.405	253.386	253.486	253.514	253.413	253.419	253.444
RIGHT LIP OF KERB							253.407	253.307	253.313	253.337
FS RIGHT TITLE BDY									253.637	253.631
ES RIGHT TITLE BDY									253.820	253.776
CHAINAGE CENTRE LINE	0.00	2.55	4.55	6.55	10.35	11.85	17.35	18.85	20.00	24.90

ES LEFT TITLE BDY	253.484	253.482	253.428	253.361	253.253	253.246	253.232	253.180	253.060
FS LEFT TITLE BDY	253.607	253.609	253.637	253.676	253.737	253.741	253.748	253.756	253.697
LEFT LIP OF KERB	253.383	253.384	253.413	253.451	253.513	253.517	253.524	253.532	253.473
DESIGN CL	253.490	253.491	253.519	253.558	253.619	253.623	253.630	253.639	253.580
RIGHT LIP OF KERB	253.383	253.384	253.413	253.451	253.513	253.517	253.524	253.532	253.473
FS RIGHT TITLE BDY	253.619	253.619	253.647	253.686	253.747	253.751	253.758	253.766	253.707
ES RIGHT TITLE BDY	253.693	253.690	253.631	253.548	253.400	253.389	253.367	253.323	253.204
CHAINAGE CENTRE LINE	34.09	34.37	40.00	47.74	60.00	60.82	62.42	66.99	79.06

ES LEFT TITLE BDY									
FS LEFT TITLE BDY	253.688	253.679	253.611	253.487	253.476	253.315	253.293	253.151	253.115
LEFT LIP OF KERB	253.464	253.454	253.386	253.263	253.252	253.091	253.069	252.927	252.891
DESIGN CL	253.570	253.561	253.493	253.370	253.358	253.198	253.176	253.033	252.997
RIGHT LIP OF KERB	253.464	253.454	253.386	253.263					
FS RIGHT TITLE BDY	253.698	253.689	253.621	253.497					
ES RIGHT TITLE BDY									
CHAINAGE CENTRE LINE	80.00	80.82	85.96	92.77	93.32	100.00	100.82	106.01	107.32

ES LEFT TITLE BDY						
FS LEFT TITLE BDY	252.919	252.839	252.836	252.694	252.693	252.646
LEFT LIP OF KERB	252.694	252.614	252.611	252.470	252.468	252.421
DESIGN CL	252.801	252.721	252.718	252.576	252.575	252.528
RIGHT LIP OF KERB		252.614	252.611	252.470	252.468	252.421
FS RIGHT TITLE BDY		252.849	252.846	252.704	252.703	252.656
ES RIGHT TITLE BDY						
CHAINAGE CENTRE LINE	115.52	119.82	120.00	132.32	132.53	140.00

TP (at CH 34.37)

NOTE: WEST IS THE DIRECTION
OF INCREASING CHAINAGE

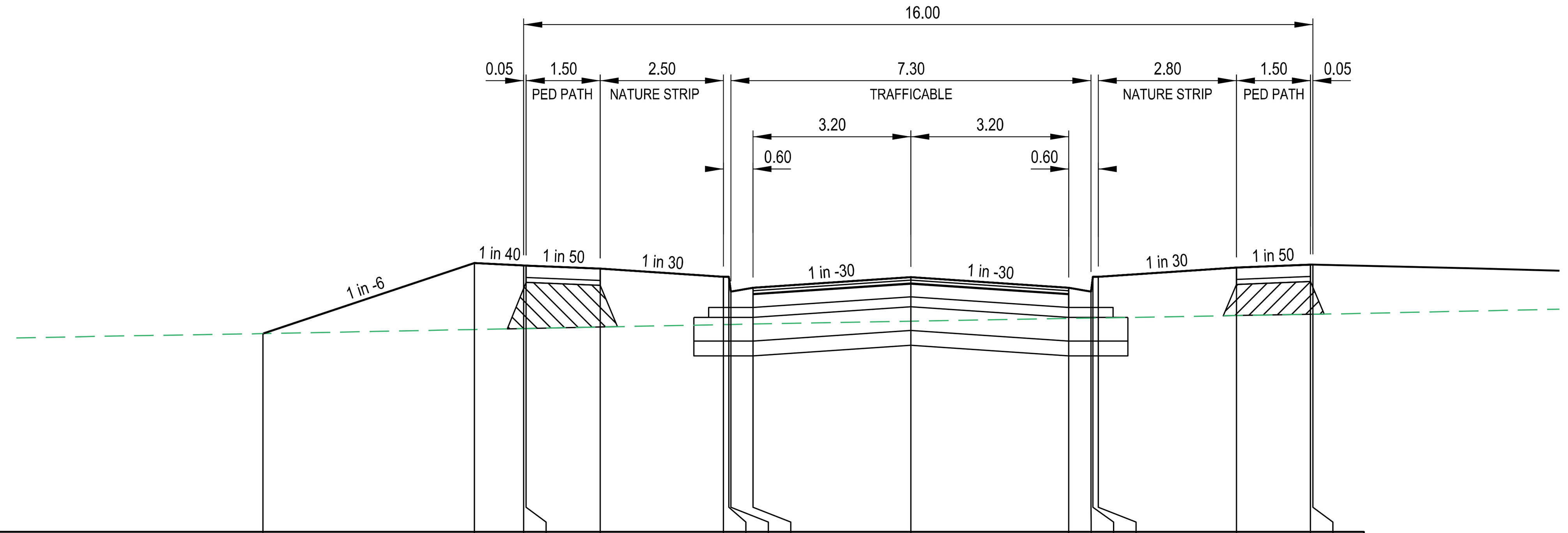
SKYWAY CIRCUIT

LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500
VERTICAL 1:50

SCALE H 1:500 V 1:50 @ A1

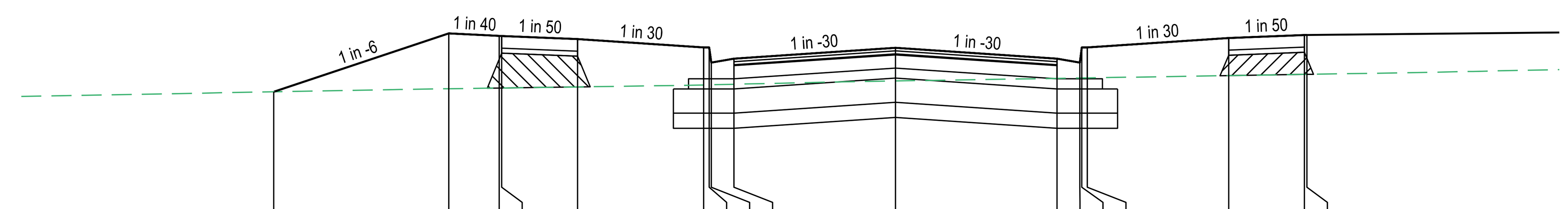
HORIZ 10 5 0 10 20 40
VERT 1 0.5 0 1 2 4
LENGTHS ARE IN METRES



DATUM RL251.0

DESIGN RL's	253.008	253.722	253.697	253.696	253.666	253.583	253.583	253.433	253.473	253.580	253.473	253.433	253.583	253.583	253.676	253.706	253.707
EXIST RL's	253.008	253.050	253.060	253.060	253.075	253.099	253.100	253.101	253.105	253.133	253.162	253.165	253.166	253.167	253.191	253.203	253.204
OFFSETS	-13.14	-8.85	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15

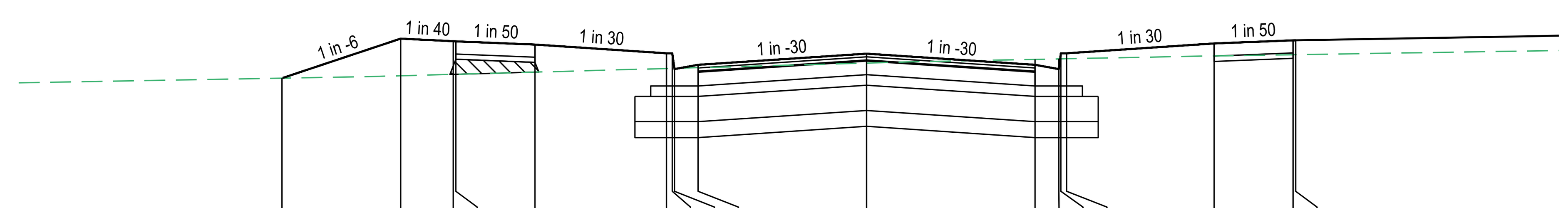
CH 79.06



DATUM RL252.0

DESIGN RL's	253.195	253.773	253.748	253.747	253.717	253.634	253.634	253.484	253.524	253.630	253.524	253.484	253.634	253.634	253.727	253.757	253.758
EXIST RL's	253.195	253.225	253.232	253.232	253.243	253.262	253.263	253.264	253.269	253.302	253.328	253.331	253.332	253.333	253.355	253.367	253.368
OFFSETS	-12.32	-8.85	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15

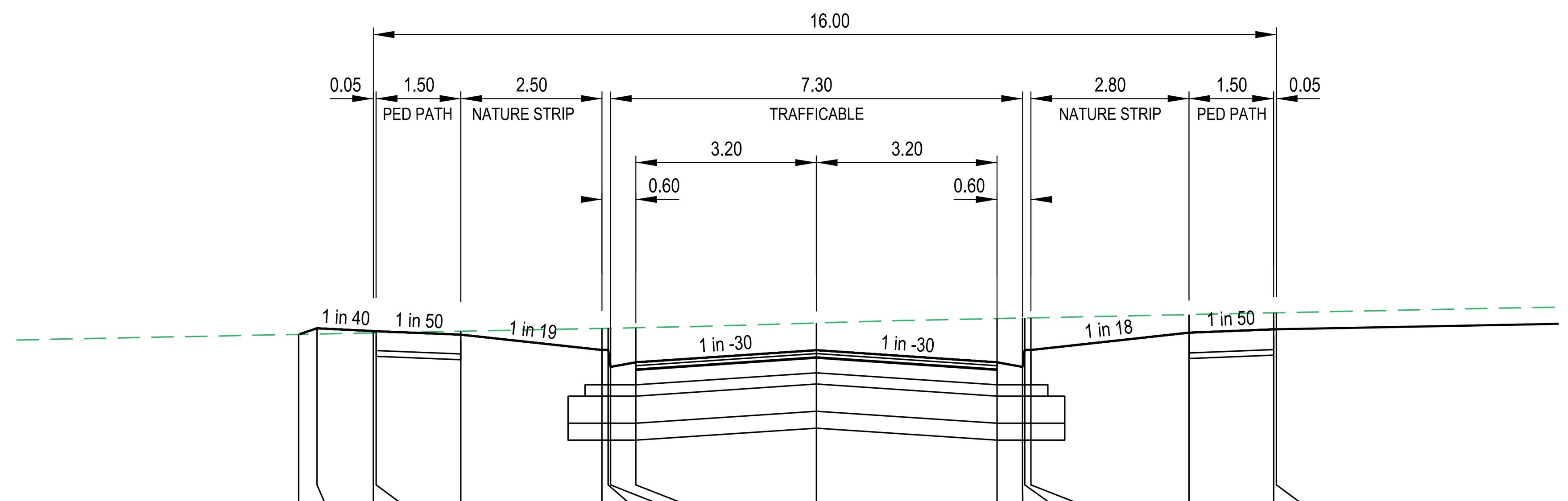
CH 62.42



DATUM RL252.0

DESIGN RL's	253.325	253.701	253.676	253.675	253.645	253.561	253.561	253.411	253.451	253.558	253.451	253.411	253.561	253.561	253.655	253.685	253.686
EXIST RL's	253.325	253.348	253.361	253.362	253.383	253.417	253.418	253.419	253.425	253.469	253.503	253.508	253.508	253.509	253.536	253.548	253.548
OFFSETS	-11.10	-8.85	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15

CH 47.74



DATUM RL252.0

DESIGN RL's	253.584	253.638	253.613	253.612	253.582	253.447	253.447	253.297	253.337	253.444	253.337	253.297	253.447	253.447	253.600	253.630	253.631
EXIST RL's	253.584	253.587	253.597	253.598	253.613	253.637	253.638	253.639	253.643	253.685	253.725	253.729	253.730	253.731	253.760	253.776	253.776
OFFSETS	-9.17	-8.85	-7.85	-7.80	-6.30	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.60	8.10	8.15

CH 24.90

SKYWAY CIRCUIT

CROSS SECTIONS

SCALE HORIZONTAL 1:100
VERTICAL 1:50

SCALE H 1:100 V 1:50 @ A1

HORIZ 2 1 0 2 4 8
VERT 1 0.5 0 1 2 4
LENGTHS ARE IN METRES

LEGEND

- EXISTING SURFACE (dashed line)
- DESIGN SURFACE (solid line)
- CLASS 3 CRUSHED ROCK BACKFILL (hatched)

ISSUED FOR CONSTRUCTION

AMENDMENTS

VER	DATE	REMARKS
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE STAGE 3

SKYWAY CIRCUIT
LONGITUDINAL & CROSS SECTIONS

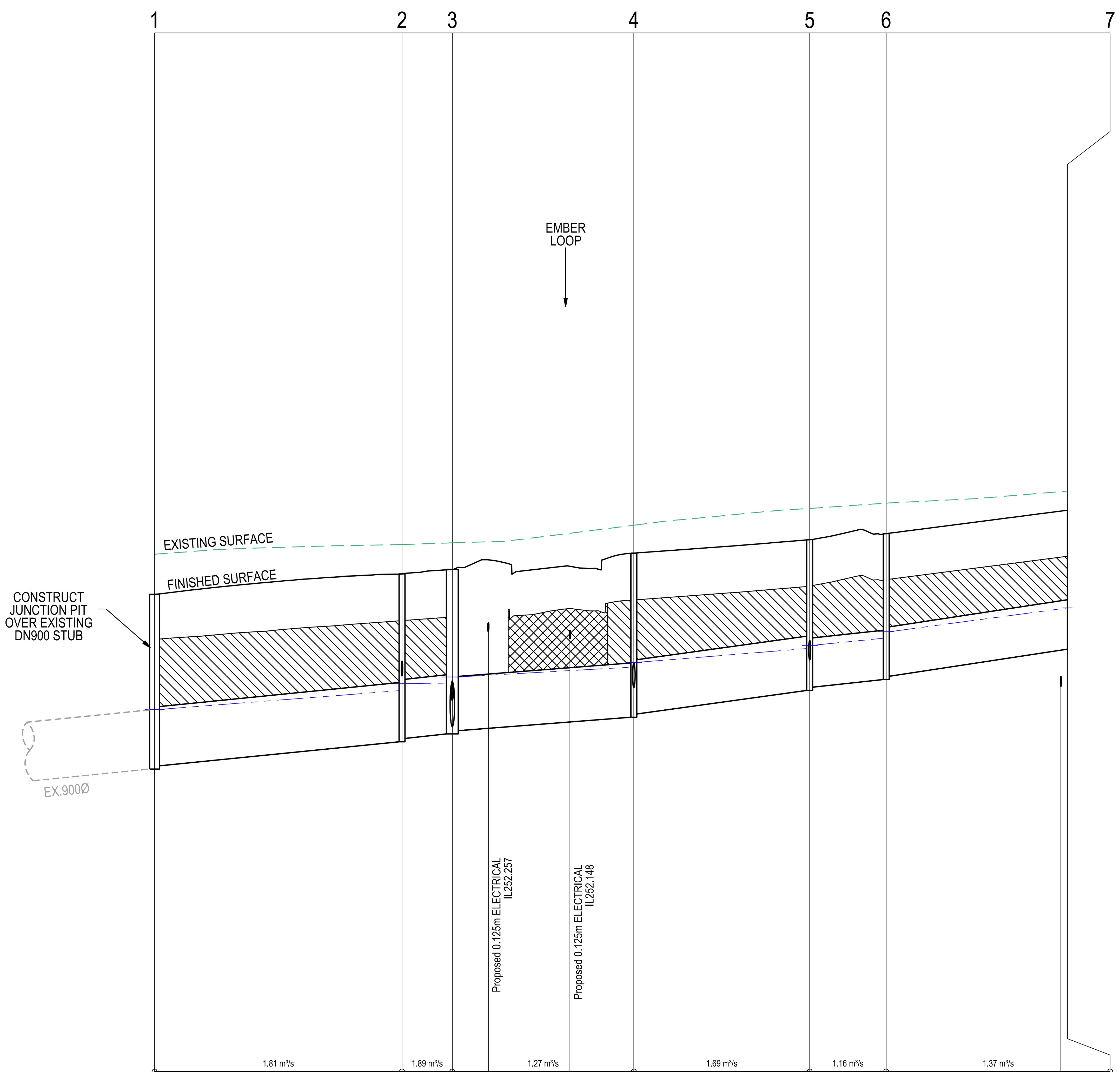
MUNICIPALITY: HUME

REFERENCE: 10255 E/3

SCALE: AS SHOWN | DATUM: AHD | DATE: SEP'23

Plotted: 28/10/2025

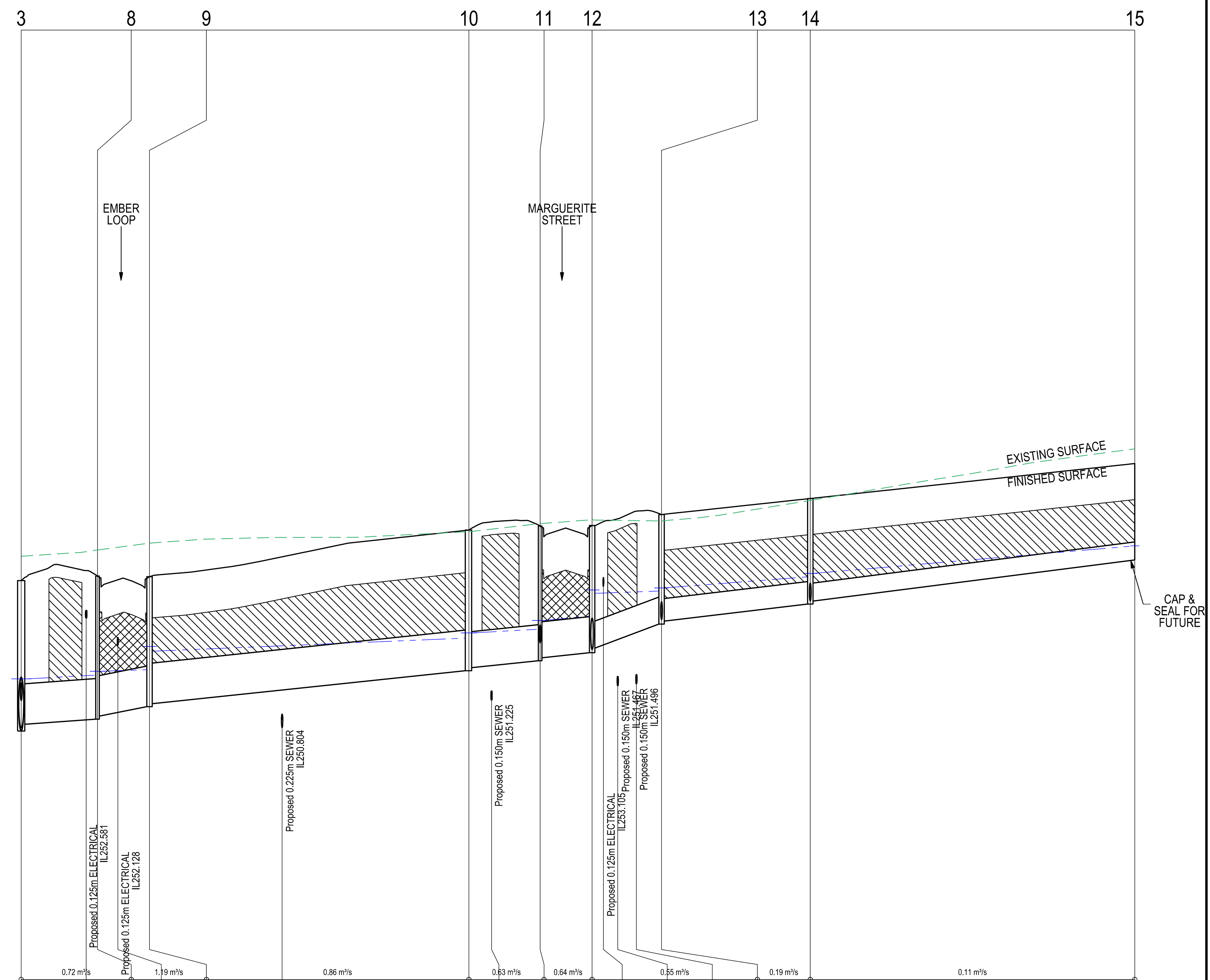
K:\H10255\ENG\ST03\R&D\E03_R14_SC_LSXS.dgn



DATUM RL 244.0

Segment	1–2	2–3	3–4	4–5	5–6	6–7
Capacity (m³/s)	1.81 m³/s	1.89 m³/s	1.27 m³/s	1.69 m³/s	1.16 m³/s	1.37 m³/s
Design Flow (m3/s)	1.78 m³/s	1.76 m³/s	1.22 m³/s	1.11 m³/s	1.05 m³/s	1.04 m³/s
Velocity (m/sec)	3.25 m/s	3.37 m/s	2.70 m/s	3.37 m/s	2.97 m/s	3.42 m/s
Pipe Size (Class 2) &	900RCP	900RCP	825RCP	825RCP	750RCP	750RCP
Grade	1 in 99.8	1 in 91.9	1 in 128	1 in 72.3	1 in 92.5	1 in 65.7
Length	L=36.44 m	L=6.30 m	L=26.26 m	L=25.85 m	L=10.74 m	L=27.12 m

CHAINAGE	DEPTH FS TO INVERT	HGL LEVEL	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE
0.00	2.66 / 2.61	251.008	250.101 / 250.151	252.760	253.370
37.64	2.55 / 2.50	251.293 / 251.399	250.516 / 250.566	253.070	253.517
45.29	2.50 / 2.45	251.409 / 251.502	250.635 / 250.685	253.139	253.543
50.77			250.72		
63.18			250.82		
72.90	2.50 / 2.45	251.651 / 251.723	250.890 / 250.940	253.385	253.810
99.65	2.29 / 2.24	251.934 / 251.983	251.297 / 251.347	253.590	254.066
111.29	2.22 / 2.17	252.092 / 252.190	251.463 / 251.513	253.683	254.147
137.86			251.91		
138.87	2.11	252.552	251.926	254.039	254.330



DATUM RL 245.0

Segment	3–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15
Capacity (m³/s)	0.72 m³/s	1.19 m³/s	0.86 m³/s	0.63 m³/s	0.64 m³/s	0.55 m³/s	0.19 m³/s	0.11 m³/s
Design Flow (m3/s)	0.62 m³/s	0.61 m³/s	0.61 m³/s	0.60 m³/s	0.59 m³/s	0.17 m³/s	0.15 m³/s	0.09 m³/s
Velocity (m/sec)	2.25 m/s	3.34 m/s	2.62 m/s	2.52 m/s	2.56 m/s	3.07 m/s	1.93 m/s	1.73 m/s
Pipe Size (Class 2) &	675RCP	675RCP	675RCP	600RCP	600RCP	450RCP	375RCP	300RCP
Grade	1 in 138	1 in 50	1 in 95	1 in 96.3	1 in 93	1 in 26.6	1 in 84.1	1 in 78.3
Length	L=11.80 m	L=7.90 m	L=52.10 m	L=11.10 m	L=7.90 m	L=10.65 m	L=23.85 m	L=53.55 m

CHAINAGE	DEPTH FS TO INVERT	HGL LEVEL	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE
0.00	2.50 / 2.39	251.409 / 251.502	250.635 / 250.748	253.139	253.543
10.81			250.82		
12.70	2.38 / 2.33	251.566 / 251.631	250.833 / 250.883	253.215	253.648
16.08			250.94		
21.35	2.16 / 2.11	251.656 / 252.043 / 251.964	251.041 / 251.091	253.204	253.762
43.42			251.32		
74.50	2.34 / 2.29	252.181 / 252.269	251.639 / 251.689	253.980	253.953
78.26			251.72		
86.35	2.24 / 2.19	252.327 / 252.476	251.805 / 251.855	254.047	254.088
95.00	2.12 / 2.04	252.548 / 252.983 / 252.926	251.940 / 252.015	254.056	254.153
96.88			252.07		
99.27			252.16		
102.37			252.27		
106.56	1.82 / 1.77	252.965 / 253.017	252.415 / 252.465	254.238	254.133
131.31	1.76 / 1.71	253.201 / 253.258	252.748 / 252.798	254.505	254.473
185.31	1.60	253.717	253.482	255.087	255.331

NOTE:

ALL STORMWATER DRAINS TO BE CLASS 2 R.C. OR RIGID F.R.C. PIPES WITH ADCOL FLEXIBLE COLLARS UNLESS NOTED OTHERWISE. ALL PIPES UP TO & INCLUDING 750mm DIA. ARE TO BE RUBBER RING JOINTED. INTERLOCKING/FLUSH JOINTS WITH EXTERNAL BANDS CAN ONLY BE USED ON PIPE SIZES OVER 750mm DIA.

SCALE H 1:500 V 1:50 @ A1

HORIZ 10 5 0 10 20 40

VERT 1 0.5 0 1 2 4

LENGTHS ARE IN METRES

INDICATES CLASS 2 CRUSHED ROCK BACKFILL

INDICATES CLASS 3 CRUSHED ROCK BACKFILL

INDICATES 5YR HGL

ISSUED FOR CONSTRUCTION

AMENDMENTS

VER	DATE	REMARKS
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE STAGE 3 DRAINAGE LONG SECTION 1

SCALE AS SHOWN | DATUM AHD | DATE SEP'23

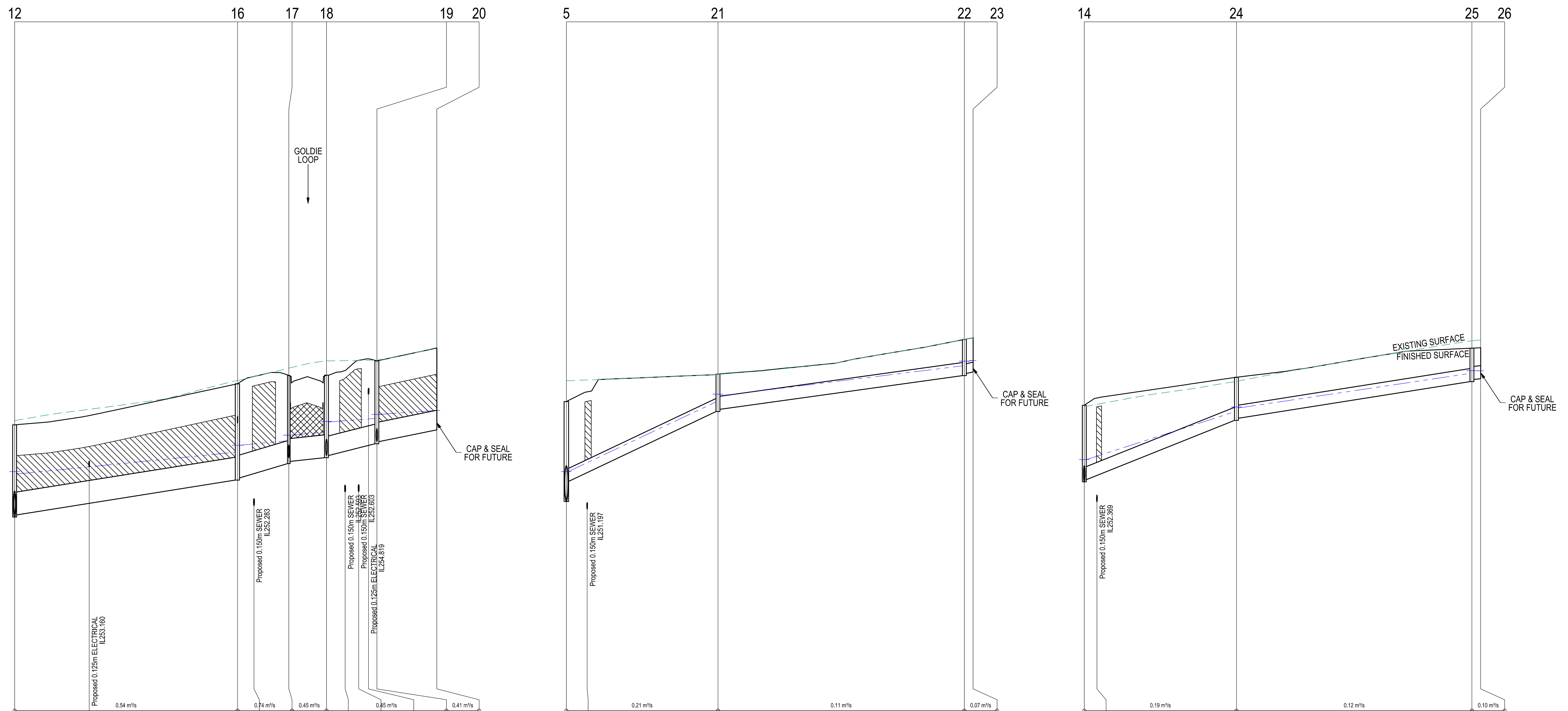
MUNICIPALITY HUME

REFERENCE 10255 E/3

SHEET 15 OF 24 | A

Plotted: 28/10/2025

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Long Section 12 – 20 (DATUM RL 246.0)

Pipe	Length	Capacity (m³/s)	Design Flow (m3/s)	Velocity (m/sec)	Pipe Size (Class 2)	Grade
12–16	L=50.15 m	0.54 m³/s	0.43 m³/s	2.78 m/s	525RCP	1 in 62.8
16–17	L=11.00 m	0.74 m³/s	0.41 m³/s	3.52 m/s	525RCP	1 in 33.5
17–18	L=7.90 m	0.45 m³/s	0.40 m³/s	2.33 m/s	525RCP	1 in 92.9
18–19	L=10.65 m	0.45 m³/s	0.25 m³/s	2.92 m/s	450RCP	1 in 39.5
19–20	L=13.30 m	0.41 m³/s	0.24 m³/s	2.65 m/s	450RCP	1 in 49.3

CHAINAGE	DEPTH FS TO INVERT	HGL LEVEL	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE
0.00	2.12 / 2.07	252.548 / 252.983 / 252.926	251.940 / 251.990	254.056	254.153
17.10			252.26		
51.12	2.21 / 2.16	253.427 / 253.588	252.789 / 252.839	254.998	255.075
54.89			252.94		
62.87	2.02 / 1.97	253.689 / 253.819	253.167 / 253.217	255.188	255.357
71.52	1.89 / 1.84	253.889 / 254.136 / 254.121	253.302 / 253.352	255.195	255.529
75.79			253.45		
78.89			253.53		
81.16			253.58		
83.08	1.90 / 1.85	254.203 / 254.296	253.622 / 253.672	255.522	255.540
96.83	1.88	254.387	253.941	255.818	255.830

Long Section 5 – 23 (DATUM RL 245.0)

Pipe	Length	Capacity (m³/s)	Design Flow (m3/s)	Velocity (m/sec)	Pipe Size (Class 2)	Grade
5–21	L=33.80 m	0.21 m³/s	0.08 m³/s	2.78 m/s	300RCP	1 in 21.1
21–22	L=55.60 m	0.11 m³/s	0.08 m³/s	1.76 m/s	300RCP	1 in 72
22–23	L=1.55 m	0.07 m³/s	0.04 m³/s	1.84 m/s	225RCP	1 in 42.6

CHAINAGE	DEPTH FS TO INVERT	HGL LEVEL	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE
0.00	2.29 / 1.83	251.934 / 251.983	251.297 / 251.760	253.590	254.066
4.78			251.96		
34.78	0.86 / 0.81	253.584 / 253.759 / 253.723	253.362 / 253.412	254.218	254.211
91.28	0.83 / 0.78	254.408 / 254.517	254.184 / 254.234	255.014	255.012
93.28	0.78	254.532	254.270	255.053	255.051

Long Section 14 – 26 (DATUM RL 246.0)

Pipe	Length	Capacity (m³/s)	Design Flow (m3/s)	Velocity (m/sec)	Pipe Size (Class 2)	Grade
14–24	L=34.00 m	0.19 m³/s	0.06 m³/s	2.45 m/s	300RCP	1 in 25
24–25	L=53.10 m	0.12 m³/s	0.06 m³/s	1.71 m/s	300RCP	1 in 63.3
25–26	L=1.55 m	0.10 m³/s	0.04 m³/s	1.31 m/s	300RCP	1 in 89.8

CHAINAGE	DEPTH FS TO INVERT	HGL LEVEL	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE
0.00	1.76 / 1.71	253.201 / 253.258	252.748 / 252.798	254.505	254.473
2.90			252.90		
34.90	0.99 / 0.94	254.354 / 254.464 / 254.443	254.158 / 254.208	255.148	255.052
88.90	0.77 / 0.72	255.235 / 255.299	255.047 / 255.097	255.815	255.983
90.90	0.71	255.295	255.114	255.826	256.003

NOTE:

ALL STORMWATER DRAINS TO BE CLASS 2 R.C. OR RIGID F.R.C. PIPES WITH ADCOL FLEXIBLE COLLARS UNLESS NOTED OTHERWISE. ALL PIPES UP TO & INCLUDING 750mm DIA. ARE TO BE RUBBER RING JOINTED. INTERLOCKING/FLUSH JOINTS WITH EXTERNAL BANDS CAN ONLY BE USED ON PIPE SIZES OVER 750mm DIA.

SCALE H 1:500 V 1:50 @ A1

HORIZ 10 5 0 10 20 40

VERT 1 0.5 0 1 2 4

LENGTHS ARE IN METRES

INDICATES CLASS 2 CRUSHED ROCK BACKFILL

INDICATES CLASS 3 CRUSHED ROCK BACKFILL

INDICATES 5YR HGL

ISSUED FOR CONSTRUCTION

AMENDMENTS

VER	DATE	REMARKS
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 362-H-10
SURVEY BPD
DESIGN RF
DRAWN RF
CHECKED RS

KIMBERLY ESTATE STAGE 3 DRAINAGE LONG SECTION 2

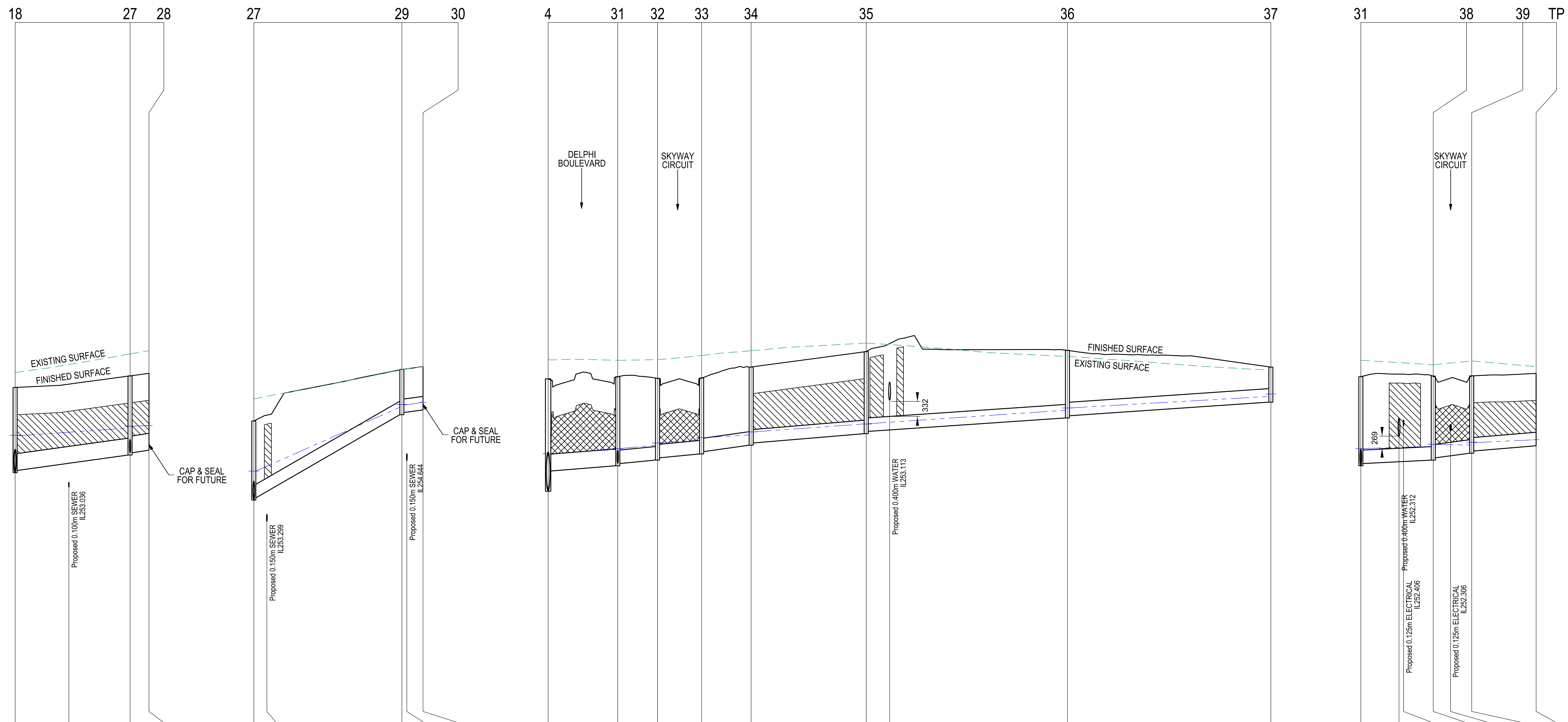
SCALE AS SHOWN | DATUM AHD | DATE SEP'23

MUNICIPALITY HUME

REFERENCE 10255 E/3

Plotted: 28/10/2025

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Long section 18 – 27 – 28 (DATUM RL 246.0)

Pipe	Capacity (m³/s)	Design Flow (m3/s)	Velocity (m/sec)	Pipe Size (Class 2) & Grade	Length
18–27	0.21 m³/s	0.15 m³/s	2.03 m/s	375RCP 1 in 72.2	L=24.65 m
27–28	0.22 m³/s	0.10 m³/s	1.94 m/s	375RCP 1 in 62.5	L=3.75 m

CHAINAGE	DEPTH FS TO INVERT	HGL LEVEL	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE
0.00	1.89 / 1.84	253.889 / 254.136 254.121	253.302 / 253.352	255.195	255.529
11.95			253.51		
25.55	1.76 / 1.71	254.292 / 254.337	253.693 / 253.743	255.452	255.939
29.75	1.71	254.349	253.803	255.509	256.013

Long section 27 – 29 – 30 (DATUM RL 247.0)

Pipe	Capacity (m³/s)	Design Flow (m3/s)	Velocity (m/sec)	Pipe Size (Class 2) & Grade	Length
27–29	0.23 m³/s	0.05 m³/s	2.57 m/s	300RCP 1 in 17.3	L=32.00 m
29–30	0.11 m³/s	0.05 m³/s	1.51 m/s	300RCP 1 in 75	L=4.25 m

CHAINAGE	DEPTH FS TO INVERT	HGL LEVEL	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE
0.00	1.76 / 1.71	254.292 / 254.337	253.693 / 253.743	255.452	255.939
2.90			253.88		
32.90	1.01 / 0.96	255.757 / 255.816 255.803	255.589 / 255.639	256.598	256.599
34.00			255.65		
37.60	0.96	255.863	255.696	256.659	256.655

Long section 4 – 31 – 32 – 33 – 34 – 35 – 36 – 37 (DATUM RL 244.0)

Pipe	Capacity (m³/s)	Design Flow (m3/s)	Velocity (m/sec)	Pipe Size (Class 2) & Grade	Length
4–31	0.16 m³/s	0.15 m³/s	1.61 m/s	375RCP 1 in 125	L=14.43 m
31–32	0.10 m³/s	0.09 m³/s	1.54 m/s	300RCP 1 in 103	L=7.93 m
32–33	0.10 m³/s	0.09 m³/s	1.54 m/s	300RCP 1 in 102	L=8.91 m
33–34	0.12 m³/s	0.09 m³/s	1.79 m/s	300RCP 1 in 70.6	L=10.10 m
34–35	0.09 m³/s	0.08 m³/s	1.41 m/s	300RCP 1 in 119	L=24.67 m
35–36	0.08 m³/s	0.05 m³/s	1.19 m/s	300RCP 1 in 147	L=43.82 m
36–37	0.08 m³/s	0.03 m³/s	1.03 m/s	300RCP 1 in 147	L=44.29 m

CHAINAGE	DEPTH FS TO INVERT	HGL LEVEL	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE
0.00	2.50 / 2.05	251.651 / 251.723	250.890 / 251.340	253.385	253.810
15.48	1.98 / 1.93	251.816 / 251.838	251.455 / 251.505	253.434	253.798
24.30	1.82 / 1.77	251.911 / 251.962	251.582 / 251.632	253.398	253.811
34.12	1.69 / 1.64	252.040 / 252.079	251.719 / 251.769	253.405	253.903
45.12	1.74 / 1.69	252.142 / 252.208	251.912 / 251.962	253.649	254.011
70.69	1.82 / 1.77	252.385 / 252.390	252.169 / 252.219	253.992	254.182
75.89			252.25		
115.41	1.50 / 1.45	252.690 / 252.740	252.517 / 252.567	254.019	253.883
160.60	0.78	252.996 / 253.051	252.868	253.648	253.578

Long section 31 – 38 – 39 – TP (DATUM RL 244.0)

Pipe	Capacity (m³/s)	Design Flow (m3/s)	Velocity (m/sec)	Pipe Size (Class 2) & Grade	Length
31–38	0.07 m³/s	0.05 m³/s	1.07 m/s	300RCP 1 in 200	L=15.19 m
38–39	0.11 m³/s	0.05 m³/s	1.52 m/s	300RCP 1 in 74.4	L=7.65 m
39–TP	0.09 m³/s	0.03 m³/s	1.14 m/s	300RCP 1 in 120	L=13.86 m

CHAINAGE	DEPTH FS TO INVERT	HGL LEVEL	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE
0.00	1.98 / 1.93	251.816 / 251.838	251.455 / 251.505	253.434	253.798
8.48			251.55		
9.49			251.55		
16.09	1.87 / 1.82	251.886 / 251.934 251.930	251.581 / 251.631	253.448	253.700
19.94			251.68		
24.64	1.72 / 1.67	251.917 / 251.980 251.970	251.734 / 251.784	253.452	253.784
38.95	1.61	252.035	251.900	253.507	253.657

NOTE:

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SCALE H 1:500 V 1:50 @ A1

HORIZ 10 5 0 10 20 40

VERT 1 0.5 0 1 2 4

LENGTHS ARE IN METRES

INDICATES CLASS 2 CRUSHED ROCK BACKFILL

INDICATES CLASS 3 CRUSHED ROCK BACKFILL

INDICATES 5YR HGL

ISSUED FOR CONSTRUCTION

AMENDMENTS

VER	DATE	REMARKS
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

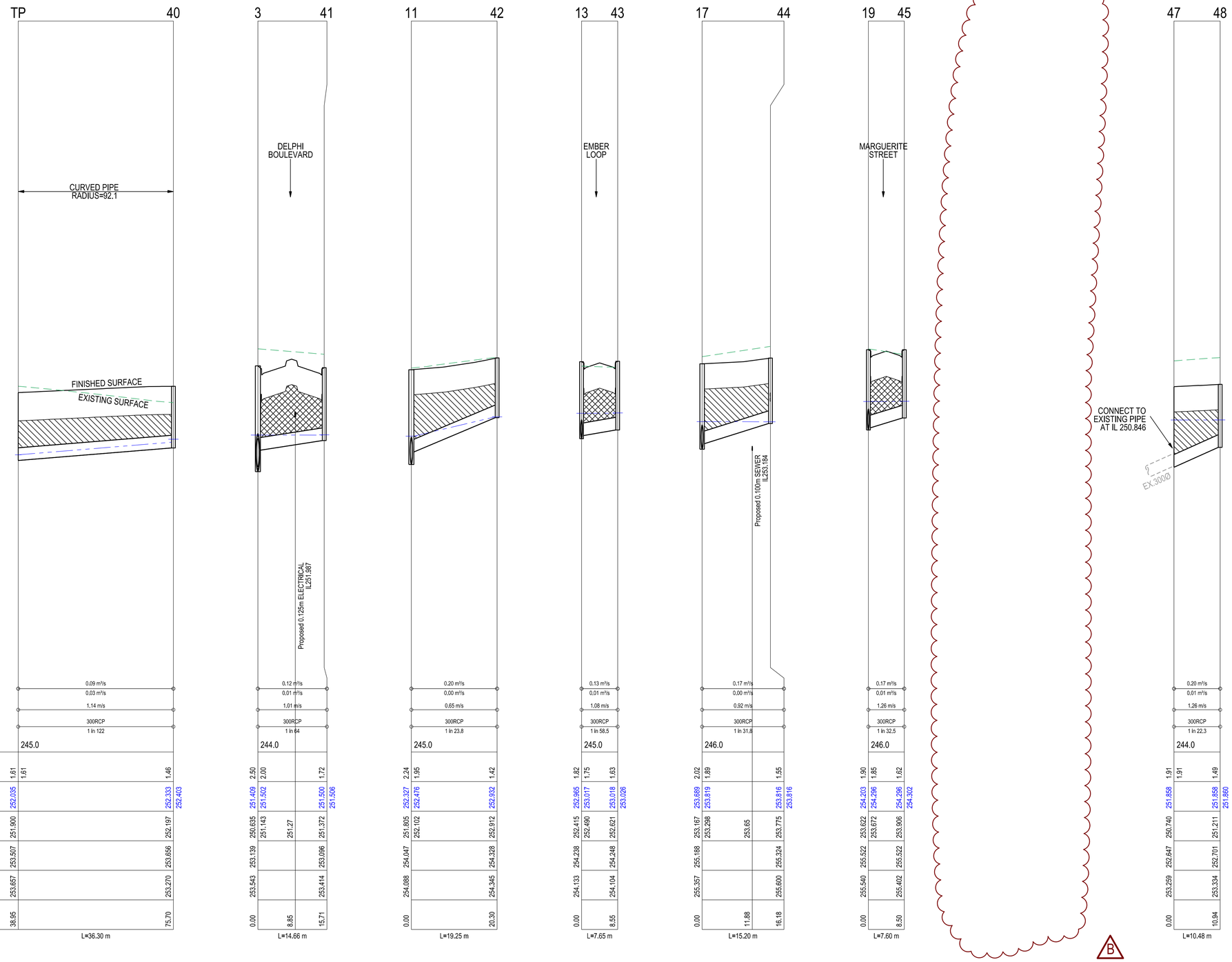
KIMBERLY ESTATE
STAGE 3
DRAINAGE LONG SECTION 3

SCALE AS SHOWN | DATUM AHD | DATE SEP'23

MUNICIPALITY HUME

REFERENCE 10255 E/3

Plotted: 28/10/2025
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NOTE:

ALL STORMWATER DRAINS TO BE CLASS 2 R.C. OR RIGID F.R.C. PIPES WITH ADCOL FLEXIBLE COLLARS UNLESS NOTED OTHERWISE. ALL PIPES UP TO & INCLUDING 750mm DIA. ARE TO BE RUBBER RING JOINTED. INTERLOCKING/FLUSH JOINTS WITH EXTERNAL BANDS CAN ONLY BE USED ON PIPE SIZES OVER 750mm DIA.

SCALE H 1:500 V 1:50 @ A1

HORIZ 10 5 0 10 20 40

VERT 1 0.5 0 1 2 4

LENGTHS ARE IN METRES

INDICATES CLASS 2 CRUSHED ROCK BACKFILL

INDICATES CLASS 3 CRUSHED ROCK BACKFILL

INDICATES 5YR HGL

ISSUED FOR CONSTRUCTION

AMENDMENTS			
B	07/05/26	DRAINAGE LINE PITS '46'-'2' REMOVED	
A	28/10/25	ISSUED FOR CONSTRUCTION	
VER	DATE	REMARKS	

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE STAGE 3 DRAINAGE LONG SECTION 4

MUNICIPALITY	HUME
REFERENCE	10255 E/3
SCALE	AS SHOWN
DATUM	AHD
DATE	SEP'23
SHEET	18 OF 24

B

Plotted: 30/01/2026

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PIT SCHEDULE

PIT No.	PIT DESCRIPTION	LENGTH	WIDTH	INLET		OUTLET		TOP	DEPTH	REMARKS
				INVERT	DIA	INVERT	DIA	PIT RL	INVERT	
1	JUNCTION PIT	1500	1350	250.15	900			252.76	2.66	VICROADS STD DRAWING SD 1023 B & CONSTRUCT JUNCTION PIT OVER EXISTING ENDPIPE
2	JUNCTION PIT	900	1350	250.57	900	250.52	900	253.07	2.55	EDCM STD DWG 607 (HAUNCHED)
3	JUNCTION PIT	1800	1200	250.69	825	250.64	900	253.14	2.50	VICROADS STD DRAWING SD 1023 B
				250.75	675					
				251.14	300					
4	GRATED SIDE ENTRY PIT	900	1200	250.94	825	250.89	825	253.39	2.50	EDCM STD DWG 601 & 607 (HAUNCHED)
				251.34	375					
5	JUNCTION PIT	900	1050	251.35	750	251.30	825	253.59	2.29	EDCM STD DWG 607 (HAUNCHED)
				251.76	300					
6	GRATED SIDE ENTRY PIT	900	1050	251.51	750	251.46	750	253.68	2.22	EDCM STD DWG 601 & 607 (HAUNCHED) & PROVIDE HEAVY DUTY CLASS D CAST IRON COVER
7	END OF PIPE					251.93	750	254.04	2.11	CAP & SEAL PIPE FOR FUTURE CONNECTION
8	GRATED SIDE ENTRY PIT	1050	600	250.88	675	250.83	675	253.22	2.38	EDCM STD DWG 601 & 607 (HAUNCHED)
9	GRATED SIDE ENTRY PIT	900	900	251.09	675	251.04	675	253.20	2.16	EDCM STD DWG 601 & 607 (HAUNCHED)
10	JUNCTION PIT	1200	900	251.69	600	251.64	675	253.98	2.34	VICROADS STD DRAWING SD 1023 B
11	GRATED SIDE ENTRY PIT	1200	600	251.86	600	251.81	600	254.05	2.24	EDCM STD DWG 601 & 607 (HAUNCHED)
				252.10	300					
12	GRATED SIDE ENTRY PIT	900	900	252.02	450	251.94	600	254.06	2.12	EDCM STD DWG 601 & 607 (HAUNCHED)
				251.99	525					
13	GRATED SIDE ENTRY PIT	900	600	252.47	375	252.42	450	254.24	1.82	EDCM STD DWG 601 & 605
				252.49	300					
14	JUNCTION PIT	900	600	252.80	300	252.75	375	254.51	1.76	EDCM STD DWG 605
				252.80	300					
15	END OF PIPE					253.48	300	255.09	1.61	CAP & SEAL PIPE FOR FUTURE CONNECTION
16	JUNCTION PIT	1050	900	252.84	525	252.79	525	255.00	2.21	VICROADS STD DRAWING SD 1023 B
17	GRATED SIDE ENTRY PIT	1050	600	253.22	525	253.17	525	255.19	2.02	EDCM STD DWG 601 & 607 (HAUNCHED)
				253.30	300					
18	GRATED SIDE ENTRY PIT	900	900	253.35	450	253.30	525	255.20	1.89	EDCM STD DWG 601 & 607 (HAUNCHED)
				253.35	375					
19	GRATED SIDE ENTRY PIT	900	600	253.67	450	253.62	450	255.52	1.90	EDCM STD DWG 601 & 605
				253.67	300					
20	END OF PIPE					253.94	450	255.82	1.88	CAP & SEAL PIPE FOR FUTURE CONNECTION
21	JUNCTION PIT	900	600	253.41	300	253.36	300	254.22	0.86	EDCM STD DWG 605
22	JUNCTION PIT	900	600	254.23	225	254.18	300	255.01	0.83	EDCM STD DWG 605
23	END OF PIPE					254.27	225	255.05	0.78	CAP & SEAL PIPE FOR FUTURE CONNECTION
24	JUNCTION PIT	900	600	254.21	300	254.16	300	255.15	0.99	EDCM STD DWG 605
25	JUNCTION PIT	900	600	255.10	300	255.05	300	255.82	0.77	EDCM STD DWG 605
26	END OF PIPE					255.11	300	255.83	0.71	CAP & SEAL PIPE FOR FUTURE CONNECTION
27	JUNCTION PIT	900	600	253.74	375	253.69	375	255.45	1.76	EDCM STD DWG 605
				253.74	300					
28	END OF PIPE					253.80	375	255.51	1.71	CAP & SEAL PIPE FOR FUTURE CONNECTION
29	JUNCTION PIT	900	600	255.64	300	255.59	300	256.60	1.01	EDCM STD DWG 605
30	END OF PIPE					255.70	300	256.66	0.96	CAP & SEAL PIPE FOR FUTURE CONNECTION
31	JUNCTION PIT	900	600	251.51	300	251.46	375	253.43	1.98	EDCM STD DWG 605
				251.51	300					
32	GRATED SIDE ENTRY PIT	900	600	251.63	300	251.58	300	253.40	1.82	EDCM STD DWG 601 & 605
33	GRATED SIDE ENTRY PIT	900	600	251.77	300	251.72	300	253.41	1.69	EDCM STD DWG 601 & 605
34	GRATED SIDE ENTRY PIT	900	600	251.96	300	251.91	300	253.65	1.74	EDCM STD DWG 601 & 605
35	JUNCTION PIT	900	600	252.22	300	252.17	300	253.99	1.82	EDCM STD DWG 605
36	JUNCTION PIT	900	600	252.57	300	252.52	300	254.02	1.50	EDCM STD DWG 605
37	JUNCTION PIT	900	600			252.87	300	253.65	0.78	EDCM STD DWG 605
38	GRATED SIDE ENTRY PIT	900	600	251.63	300	251.58	300	253.45	1.87	EDCM STD DWG 601 & 605
39	GRATED SIDE ENTRY PIT	900	600	251.78	300	251.73	300	253.45	1.72	EDCM STD DWG 601 & 605
40	JUNCTION PIT	900	600			252.20	300	253.66	1.46	EDCM STD DWG 605
41	GRATED SIDE ENTRY PIT	900	600			251.37	300	253.10	1.72	EDCM STD DWG 601 & 605
42	JUNCTION PIT	900	600			252.91	300	254.33	1.42	EDCM STD DWG 605
43	GRATED SIDE ENTRY PIT	900	600			252.62	300	254.25	1.63	EDCM STD DWG 601 & 605
44	JUNCTION PIT	900	600			253.78	300	255.32	1.55	EDCM STD DWG 605
45	GRATED SIDE ENTRY PIT	900	600			253.91	300	255.52	1.62	EDCM STD DWG 601 & 605
47	END OF PIPE			250.74	300			252.65	1.91	CONNECT TO EX PIPE
48	JUNCTION PIT	900	600			251.21	300	252.70	1.49	EDCM STD DWG 605
TP	TANGENT POINT			251.90	300	251.90	300	253.51	1.61	TANGENT POINT

C

ISSUED FOR CONSTRUCTION

AMENDMENT'S

VER	DATE	REMARKS
C	06/07/26	PIT '2' DN225 INLET REMOVED
B	07/05/26	DRAINAGE LINE PITS '46'-'2' REMOVED
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE
STAGE 3
PIT SCHEDULE

MUNICIPALITY: HUME
REFERENCE: 10255E/3

SCALE AS SHOWN | DATUM AHD | DATE SEP'23 | SHEET 19 OF 24 (C)

K:\H10255\ENG\ST03\R&D\E03_R19_DRN5.dgn

Plotted: 6/07/2026



SIGNAGE LEGEND

- A STREET SIGN
- B GIVE WAY SIGN (R1-2A) - CLASS 1 — R1-2
- C "NO ROAD" SIGN WITH OBSTRUCTION MARKER SIGN (D4-5) - CLASS 1 — D4-5
- D KEEP LEFT (R2-3AL) - CLASS 1 — R2-3(L)
- E PEDESTRIAN CROSSING SIGN (R3-1A) — R3-1
- F ROAD AHEAD SIGN (W6-8A) - CLASS 1 — W6-8
- G BICYCLE PEDESTRIAN WARNING SIGN (W6-9A) WITH CROSSING ARROW SIGN (W8-23A) & ON SIDE ROAD SIGN (W8-3AL) BELOW. ALL CLASS 1. — W6-9, W8-23, W8-3
- H N.S.A.T (R) SIGN. CLASS 1. — #X R5-35(R)
- I N.S.A.T (L) SIGN. CLASS 1. — #X R5-35(L)
- J BICYCLE PEDESTRIAN WARNING SIGN (W6-9A) WITH CROSSING ARROW SIGN (W8-23A) BELOW. ALL CLASS 1. — W6-9, W8-23
- K BICYCLE PEDESTRIAN WARNING SIGN (W6-9A) WITH CROSSING ARROW SIGN (W8-23A) & ON SIDE ROAD SIGN (W8-3AR) BELOW. ALL CLASS 1. — W6-9, W8-23, W8-3

PERMANENT SURVEY MARK

NOTES

A) HAZARD / DIRECTIONAL TGSI'S SHOWN THUS ⁚⁚ / ═ AND FOOTPATH RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH VICROADS STD DWGS SD2031 TO SD2035. TGSI'S SHALL CONFORM TO AS1428.4

B) ⊐E E⊏ INDICATES UNIDIRECTIONAL & BIDIRECTIONAL RRPM'S PLACED AT 3.00m CTS

C) BICYCLE LANES SHOWN SHADED TO BE COLOUR G13 EMERALD (AS2700 - 2011) COLOURED SURFACE TREATMENT

D) TACTILE MARKERS TO BE POLYPLASTIC OR METAL MECHANICALLY FIXED

C

ISSUED FOR CONSTRUCTION

SIGNAGE & LINE MARKING PLAN

SCALE 1:500

SCALE 1:500 @ A1

10 5 0 10 20 40

LENGTHS ARE IN METRES

AMENDMENTS			
VER	DATE	REMARKS	
C	07/05/26	'PROPOSED STAGE 3A' 'PROPOSED STAGE 3A' LAYOUT & SERVICES UPDATED	
B	16/03/26	SKYWAY CIRCUIT INTERSECTION MEDIAN 'NOSE' DIRECTION AMENDED	
A	28/10/25	ISSUED FOR CONSTRUCTION	

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE STAGE 3

SIGNAGE & LINEMARKING PLAN & LANDSCAPE LAYOUT

SCALE	AS SHOWN	DATUM AHD	DATE SEP'23

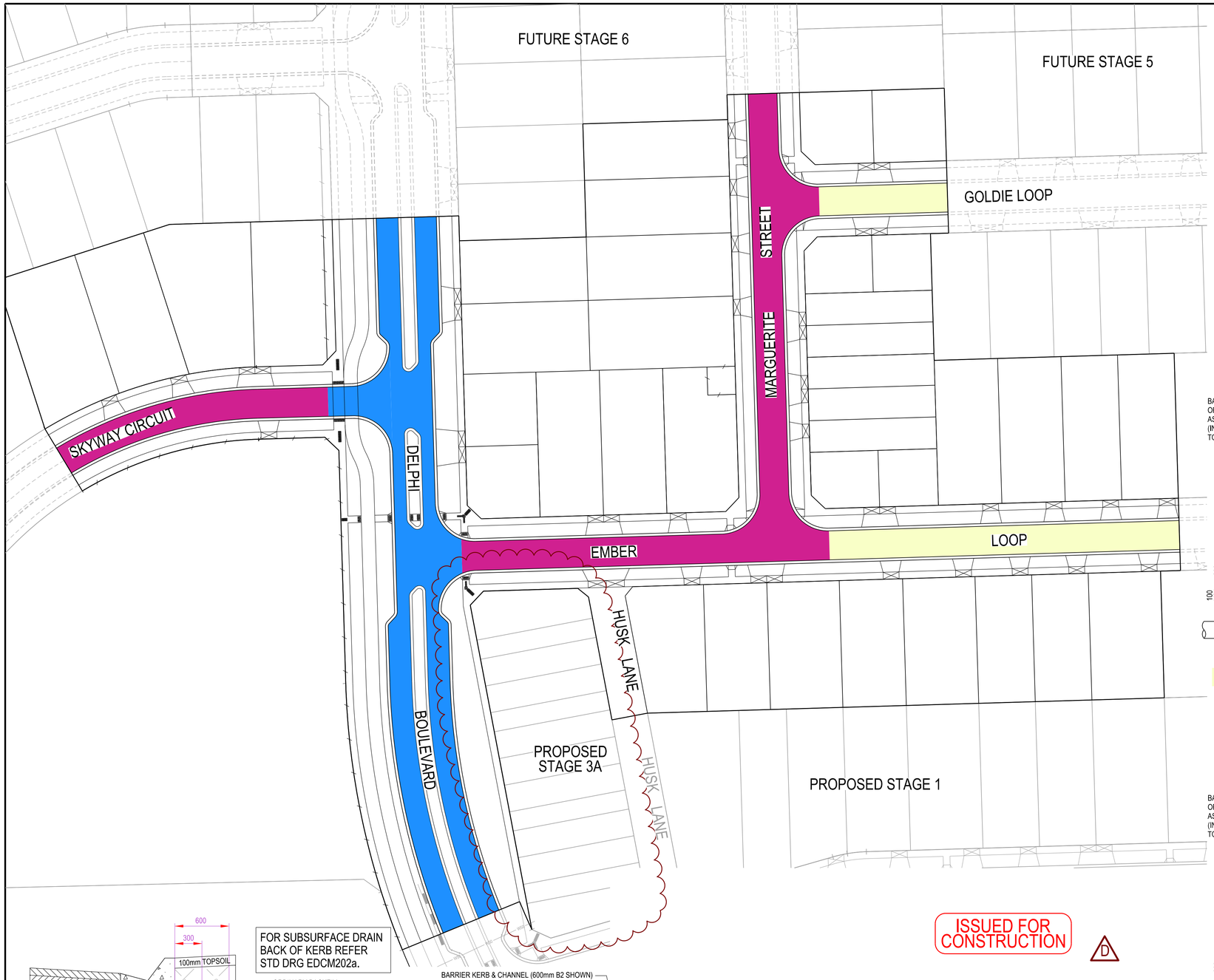
MUNICIPALITY: HUME

REFERENCE: 10255 E/3

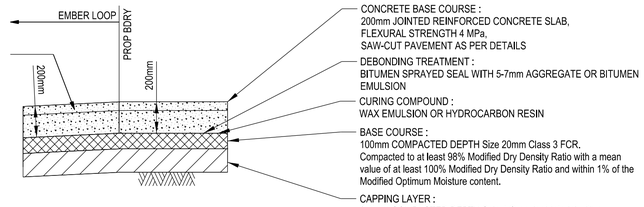
SHEET 20 OF 24 (C)

Plotted: 06/05/2026

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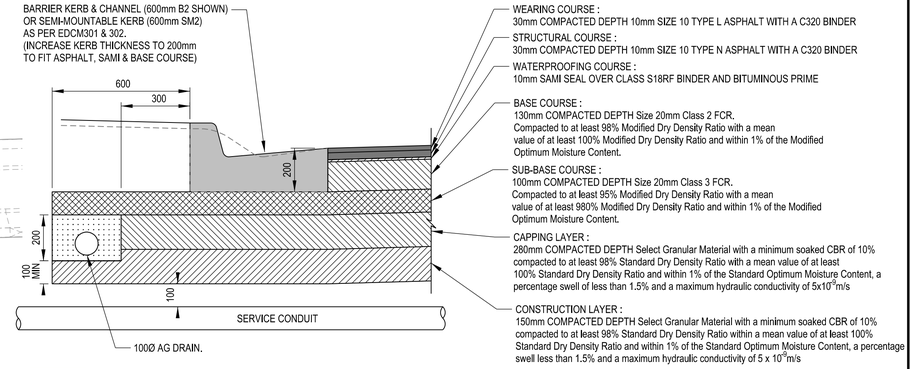






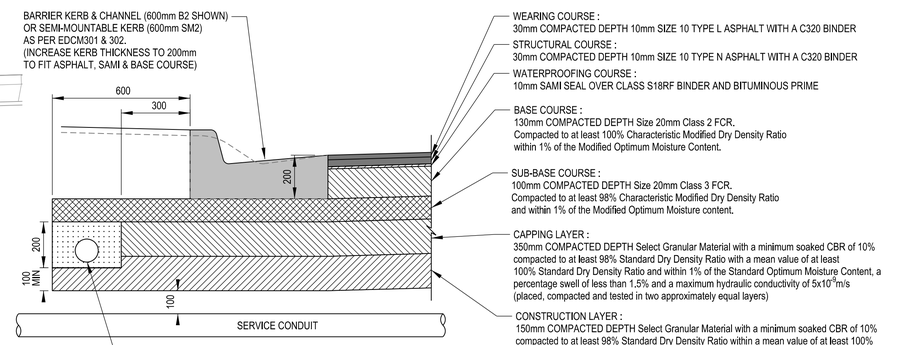
HUSK LANE
- 550mm DEPTH

PAVEMENT COMPOSITION
NOT TO SCALE



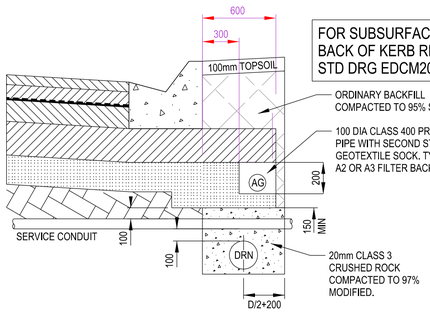
EMBER LOOP (CH91.25 - CH168.60), GOLDIE LOOP - 730mm DEPTH

PAVEMENT COMPOSITION
REFER EDCM202a FOR ADDITIONAL DETAILS
(Dimensions in Millimetres)
N.T.S.



EMBER LOOP (CH13.15 - CH91.25), MARGUERITE STREET & SKYWAY CIRCUIT - 800mm DEPTH

PAVEMENT COMPOSITION
REFER EDCM202a FOR ADDITIONAL DETAILS
(Dimensions in Millimetres)
N.T.S.

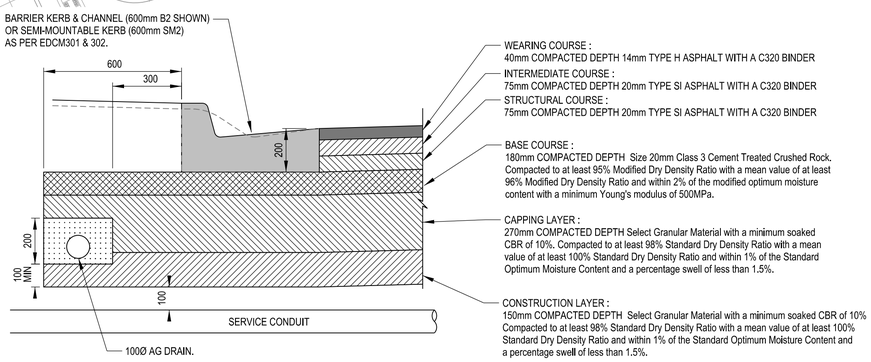


FOR SUBSURFACE DRAIN
BACK OF KERB REFER
STD DRG EDCM202a.

SUBSURFACE DRAIN
NTS

ISSUED FOR CONSTRUCTION

D



DELPHI BOULEVARD - 790mm DEPTH

PAVEMENT COMPOSITION
REFER EDCM202a FOR ADDITIONAL DETAILS
(Dimensions in Millimetres)
N.T.S.

LEGEND
- AREA 1S < 500 VPD
- AREA 2S < 1000 VPD
- AREA 5S < 10000 VPD

AMENDMENTS			
D	07/05/26	'PROPOSED STAGE 3A' 'PROPOSED STAGE 3A' LAYOUT & SERVICES UPDATED	
C	16/03/26	SKYWAY CIRCUIT INTERSECTION MEDIAN 'NOSE' DIRECTION AMENDED	
B	19/12/25	HUSK LANE PAVEMENT COMPOSTION UPDATED	
A	28/10/25	ISSUED FOR CONSTRUCTION	
VER	DATE	REMARKS	

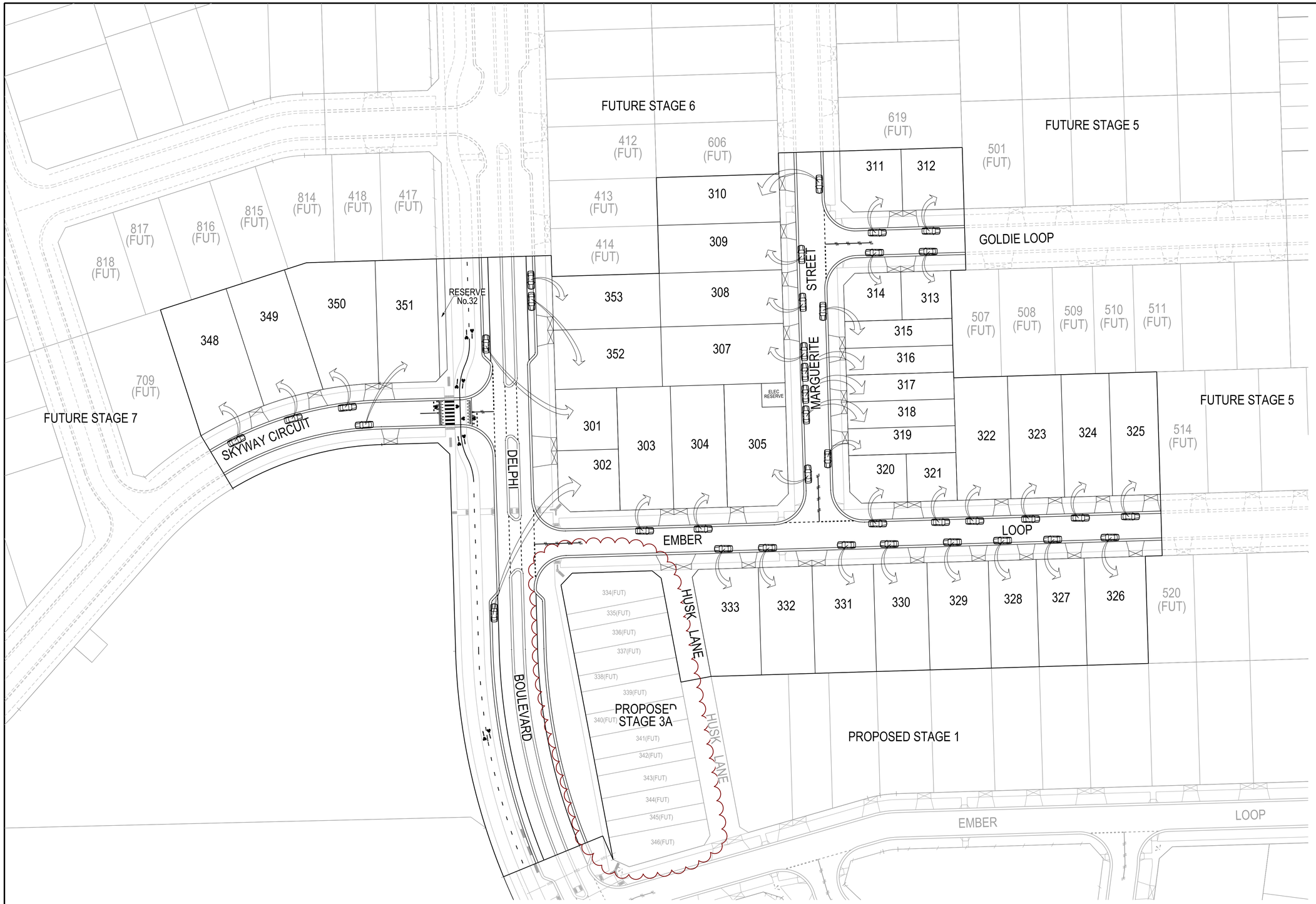
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE STAGE 3
PAVEMENT DETAILS

MUNICIPALITY: HUME
REFERENCE: 10255E/3
SCALE: AS SHOWN | DATUM: AHD | DATE: SEP'23
SHEET 21 OF 24 (D)

Plotted: 30/05/2026
K:\H10255\ENG\ST03\R&D\E03_R21_PAV.dgn



PLAN

SCALE 1:500

SCALE 1:500 @ A1

10 5 0 10 20 40

LENGTHS ARE IN METRES

C

LEGEND

CAR SPACE FOR EACH LOT SHOWN

ISSUED FOR CONSTRUCTION

AMENDMENT'S			
VER	DATE	REMARKS	
C	07/05/26	'PROPOSED STAGE 3A' 'PROPOSED STAGE 3A' LAYOUT & SERVICES UPDATED	
B	16/03/26	SKYWAY CIRCUIT INTERSECTION MEDIAN 'NOSE' DIRECTION AMENDED	
A	28/10/25	ISSUED FOR CONSTRUCTION	

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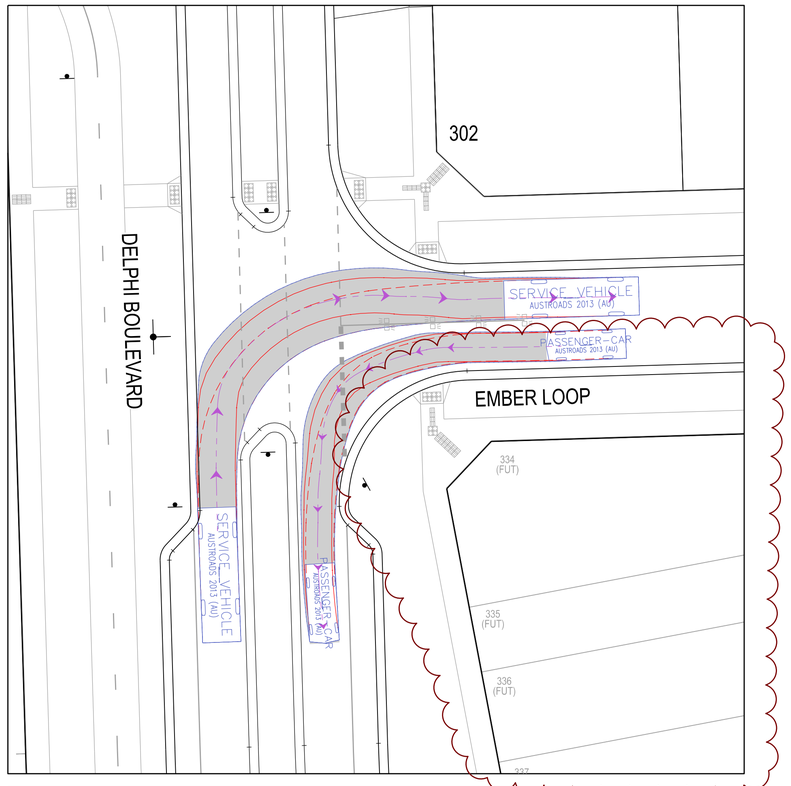
MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

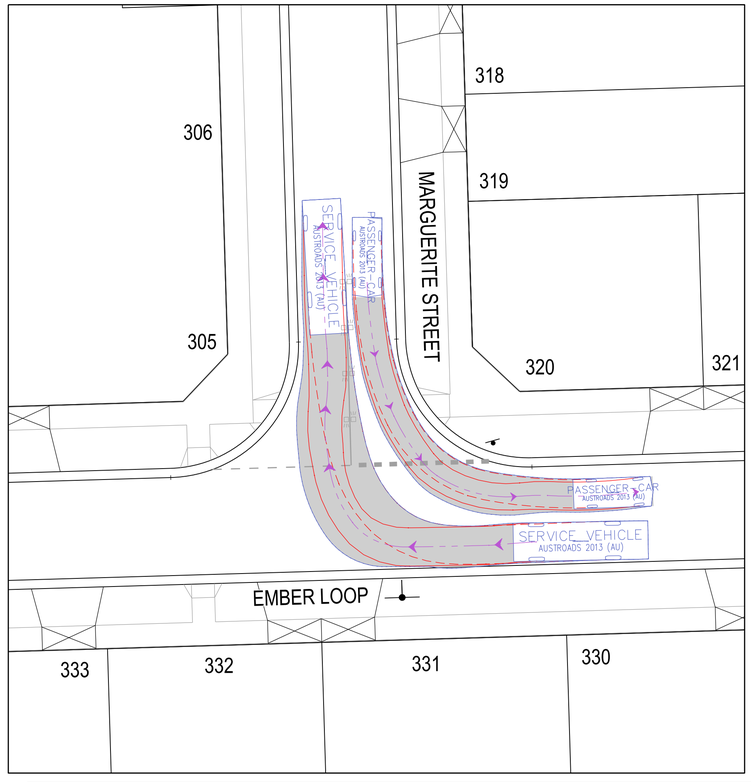
KIMBERLY ESTATE STAGE 3 CAR PARKING PLAN

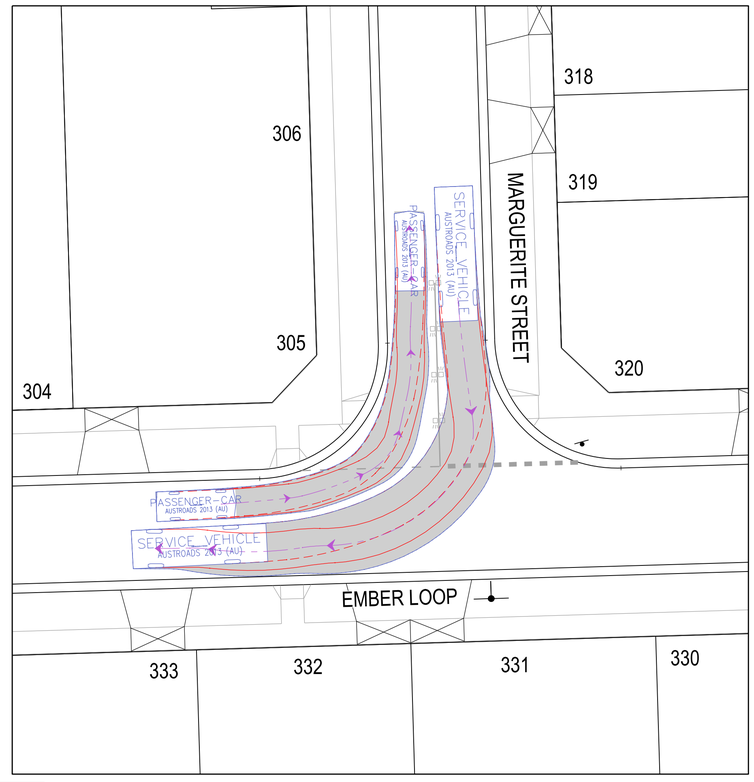
MUNICIPALITY	HUME
REFERENCE	10255E/3
SCALE	AS SHOWN
DATUM	AHD
DATE	SEP'23
SHEET	22 OF 24
	C

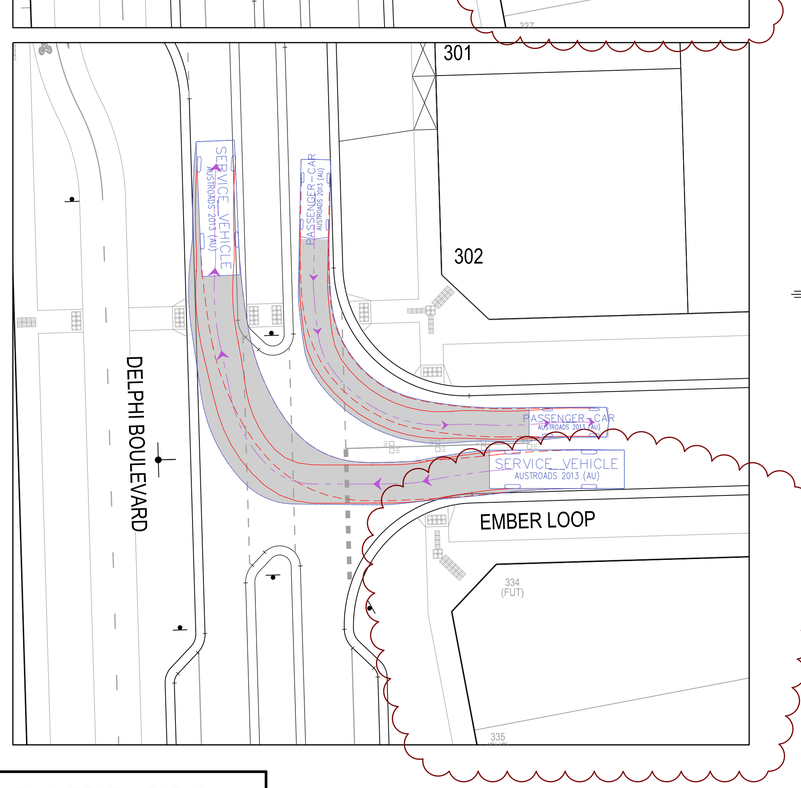
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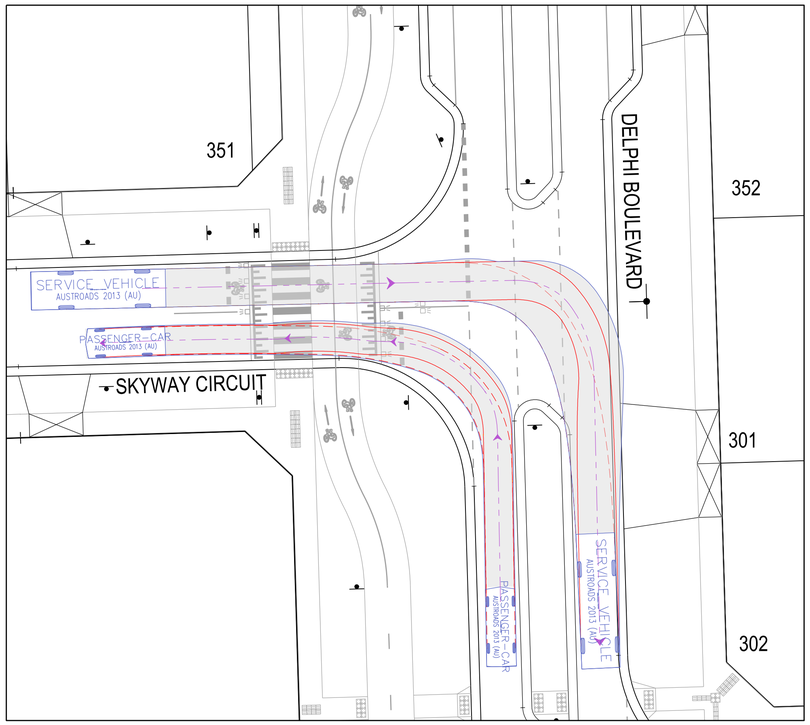
Plotted: 6/02/2026

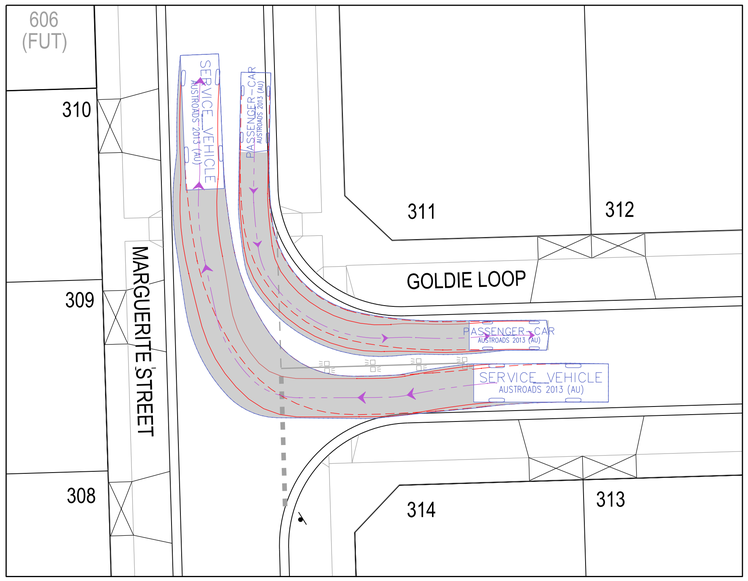












VEHICLE PATH LEGEND

- Swept Path / Body Clearance
- Front Wheel Path
- Rear Wheel Path
- Vehicle Centreline Path

C

ISSUED FOR CONSTRUCTION

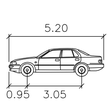
TURNING MOVEMENT DETAILS

SCALE 1:200

SCALE 1:200 @ A1

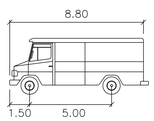
4 2 0 4 8 16

LENGTHS ARE IN METRES



PASSENGER–CAR

	meters
Width	: 1.94
Track	: 1.84
Lock to Lock Time	: 6.0
Steering Angle	: 33.6



SERVICE VEHICLE

	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 38.7

AMENDMENTS

VER	DATE	REMARKS
C	07/05/26	'PROPOSED STAGE 3A' 'PROPOSED STAGE 3A' LAYOUT & SERVICES UPDATED
B	16/03/26	SKYWAY CIRCUIT INTERSECTION MEDIAN 'NOSE' DIRECTION AMENDED
A	28/10/25	ISSUED FOR CONSTRUCTION

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE STAGE 3

TURNING MOVEMENT DETAILS

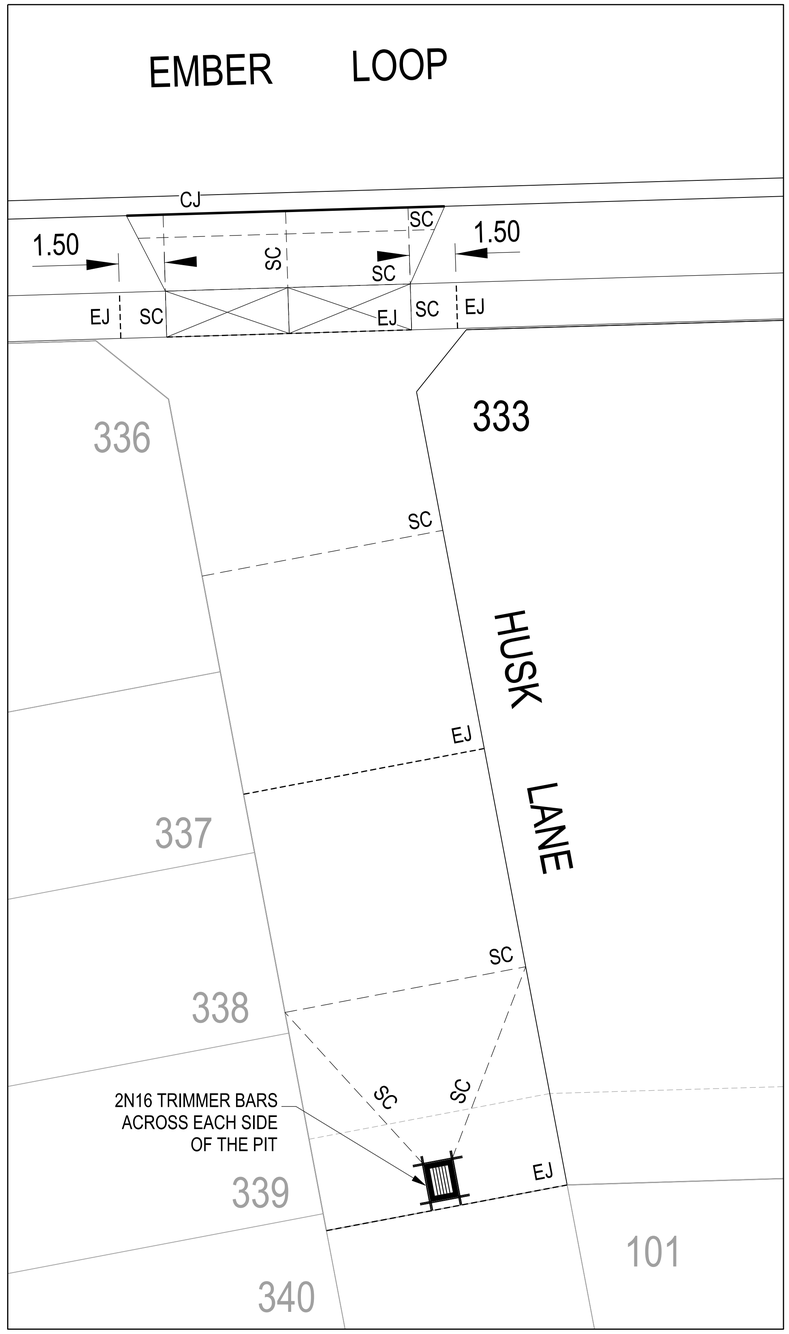
MUNICIPALITY: HUME

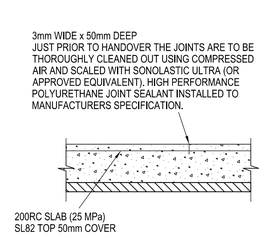
REFERENCE: 10255E/3

SCALE AS SHOWN | DATUM AHD | DATE SEP'23 | SHEET 23 OF 24 | C

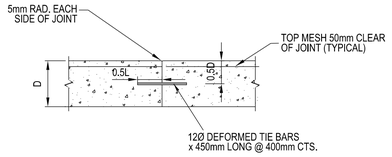
Plotted: 05/02/26

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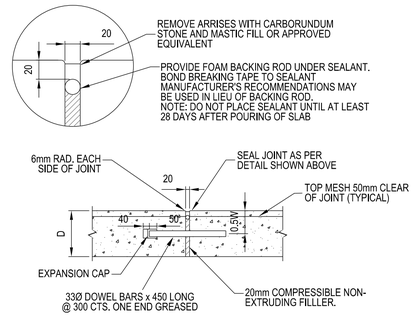




SAWCUT JOINT (SC) DETAIL
NOT TO SCALE



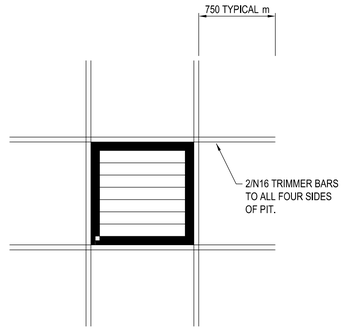
CONSTRUCTION JOINT (CJ) DETAIL
NOT TO SCALE



EXPANSION JOINT
NOT TO SCALE

1) SLAB MUST BE SAWCUT AS SOON AS PRACTICABLE AFTER FINISHING OF THE SLAB WITHOUT CAUSING DAMAGE TO THE SAWCUT EDGES - USUALLY 12-24 HOURS.
2) SLABS MUST NOT BE POURED IF THE TEMPERATURE EXCEEDS 32°C.
3) HOT WEATHER PLACING (25°C AND OVER) MAY REQUIRE SLABS TO BE SAWCUT AS SOON AS 5-6 HOURS AFTER POURING.
4) ANY SLAB BAY IN WHICH SHRINKAGE CRACKS OCCUR DUE TO LATE SAWCUTTING MUST BE REMOVED AND REPLACED BY THE BUILDER/CONTRACTOR.

NOTES: RE SAWCUTTING



LEGEND:

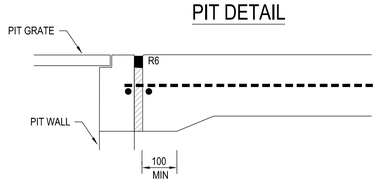
- SC — SAWCUT JOINT
- CJ — CONSTRUCTION JOINT
- EJ — EXPANSION JOINT

CONCRETE JOINTING PLAN

SCALE 1:100 @ A1

2 1 0 2 4 8
LENGTHS ARE IN METRES

PIT DETAIL



PIT SECTION

ISSUED FOR CONSTRUCTION

AMENDMENTS			
A	28/10/25	ISSUED FOR CONSTRUCTION	
VER	DATE	REMARKS	

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telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	362-H-10
SURVEY	BPD
DESIGN	RF
DRAWN	RF
CHECKED	RS

KIMBERLY ESTATE
STAGE 3
CONCRETE JOINTING PLAN

MUNICIPALITY	HUME
REFERENCE	10255 E/3
SCALE	AS SHOWN
DATUM	AHD
DATE	SEP'23
SHEET	24 OF 24 A

Plotted: 28/10/2025
K:\H10255\ENGIST03\RAD\E03_R24_SAW.dgn