

No. 3 JUNCTION VILLAGE PTY LTD THE JUNCTION- STAGE 1 45 CRAIG ROAD, JUNCTION VILLAGE CITY OF CASEY

SHEET INDEX

1. LOCALITY PLAN
2. CONSTRUCTION NOTES
3. INTERSECTION DETAILS
4. ENGINEERING DETAIL PLAN & SERVICE OFFSET TABLE
5. TYPICAL CROSS SECTIONS
6. KERB RETURN LONGITUDINAL SECTIONS
- 7-10. BOWER VINE ROAD LONGITUDINAL AND CROSS SECTIONS
- 11-13. DRAINAGE LONG SECTIONS 1-3
14. PIT SCHEDULE
15. SIGNAGE AND LINEMARKING PLAN

City of Casey
Approved By: Khurshedul Alam
File No: SEng00174/18 & PinA0038717
Date: 2/10/2020
Subject to:
Approval of an EMP before any works start on site
DRAWING NO: R5483



VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME: P:\1432\1432_1\1E12 - Design\6 - DGN\R01.dgn

DRAWN:	L.ZHENG	DATE:	25/02/2020	SCALE:	AS SHOWN
DESIGNED:	M.LERNER	DATE:	25/02/2020	DATE PRINTED:	2/10/2020
AUTHORISED:	T.SMITH	DATE:	25/02/2020		



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

COUNCIL:
CITY OF CASEY

TITLE:
No. 3 JUNCTION VILLAGE PTY LTD
THE JUNCTION - STAGE 1
45 CRAIG ROAD, JUNCTION VILLAGE

LOCALITY PLAN AND SHEET INDEX

DRG NO. 1432_1/R01	REV. D	SHEET 01 OF 15
-----------------------	-----------	----------------



MELWAY REF: 138 A1
SCALE 1:2500 @ A1

CONSTRUCTION NOTES

1. ALL LEVELS AND DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED.
2. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT AUTHORITY STANDARDS, SPECIFICATIONS AT THE TIME OF CONSTRUCTION AND IN ACCORDANCE WITH THE AUSTRALIAN STANDARD GENERAL CONDITIONS OF CONTRACT AS 2124-1992.
3. STANDARD DRAWINGS OF THE RELEVANT ROAD AUTHORITY ARE AN ANNEXURE TO THE CONSTRUCTION DRAWINGS
4. THE CERTIFIED PLAN OF SUBDIVISION IS AN ANNEXURE TO THE CONSTRUCTION DRAWINGS
5. MELBOURNE WATER PLANS FOR WETLANDS AND INFRASTRUCTURE (WHERE APPLICABLE) ARE AN ANNEXURE TO THE CONSTRUCTION DRAWINGS.
6. THE SCHEDULE OF QUANTITIES ARE AN ANNEXURE TO THE CONSTRUCTION DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE QUANTITIES REFLECT THAT OF THE CONSTRUCTION WORKS DETAILED IN THESE PLANS. THE SUPERINTENDENT IS TO BE NOTIFIED SHOULD ANY DISCREPANCIES BE IDENTIFIED.
7. ALL DISTURBED AREAS ARE TO BE GRADED, TOPSOILED TO A MINIMUM DEPTH OF 150 MILLIMETRES AND SOWN WITH APPROVED SEED MIX TO THE SATISFACTION OF THE SUPERINTENDENT.
8. APPROVAL FOR THE USE OF WATER FOR CONSTRUCTION PURPOSES IS THE RESPONSIBILITY OF THE CONTRACTOR. REFER TO THE RELEVANT WATER AUTHORITY FOR SPECIFIC REQUIREMENTS AND APPROVALS.
9. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVE THE LOCATION AND DEPTH OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORKS. THE SUPERINTENDENT IS TO BE NOTIFIED SHOULD ANY DISCREPANCIES BE IDENTIFIED.
10. SITE ACCESS MUST BE MAINTAINED AT ALL TIMES. TRAFFIC MANAGEMENT PLAN MUST BE PROVIDED TO THE RELEVANT ROAD AUTHORITY (AND APPROVED) /SUPERINTENDENT PRIOR TO THE COMMENCEMENT OF WORKS.
11. ACCESS TO THE EXISTING RESIDENCE TO BE MAINTAINED AT ALL TIMES.
12. THE CONTRACTOR IS RESPONSIBLE FOR ALL ENVIRONMENTAL CONTROLS TO THE SATISFACTION OF THE RELEVANT AUTHORITIES AND EPA REQUIREMENTS.
13. APPROPRIATE INSPECTIONS ARE TO BE ARRANGED WITH THE COUNCIL WORKS SUPERVISOR
14. ALL VEGETATION TO BE RETAINED AS SPECIFIED IS TO BE PROTECTED (TPZ FENCING) PRIOR TO THE COMMENCEMENT OF WORKS
15. ALL FILLING WORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE GEOTECHNICAL REPORT (REPORT No. 1200294-1) AND UNDERTAKEN UNDER LEVEL 1 SUPERVISION. A COMPACTION REPORT IS TO BE PROVIDED UPON COMPLETION OF THE FILLING WORKS.
16. ALL BATTERS SHALL BE BLENDED INTO THE NATURAL SURFACE TO THE SATISFACTION OF THE SUPERINTENDENT.
17. MINIMUM FALL ON LOTS IS TO BE 1 IN 150 LONGITUDINALLY.
18. PRIOR TO THE FILLING OF EXISTING OPEN DRAINS, CHANNELS OR DAMS A SUITABLY QUALIFIED GEOTECHNICAL CONSULTANT SHOULD VERIFY THE BASE IS SUITABLE FOR FILLING AND THE INVERT LEVELS ARE TO BE TAKEN TO ENSURE THE AS-CONSTRUCTED FILL DEPTHS CAN BE VERIFIED.
19. THE CONTRACTOR IS RESPONSIBLE FOR ALL SERVICE TRENCHING AND BACKFILLING FOR DRAINAGE, SEWER, POTABLE AND NON-POTABLE WATER, ELECTRICAL, TELECOMMUNICATIONS AND GAS INCLUDING THE REMOVAL/DISPOSAL OF EXCESS MATERIAL.
20. REFER TO THE RELEVANT SERVICE PLANS FOR WORKS ASSOCIATED WITH MELBOURNE WATER WORKS, SEWER, POTABLE AND NON-POTABLE WATER, ELECTRICAL, TELECOMMUNICATION AND GAS SUPPLY. THESE SERVICES ARE REFLECTED ON THE DETAIL PLANS INDICATIVELY AND MAY BE SUBJECT TO MINOR AMMENDMENTS.
21. LOCATIONS FOR SERVICE CONDUITS SHALL BE DETERMINED FROM THE RELEVANT SERVICE PLANS. WHERE THESE ARE REQUIRED TO BE ALTERED THE SUPERINTENDENT WILL CONFIRM THESE LOCATIONS AS REQUIRED. POTABLE & NON-POTABLE WATER AND GAS CONDUITS SHOULD BE A MINIMUM OF 4 METRES FROM TITLE BOUNDARIES (SIDE) WHERE POSSIBLE. CONDUIT LOCATIONS SHOULD BE POSITIONED IN CONJUNCTION WITH THE RELEVANT SUB-CONTRACTOR
22. A.G DRAINS TO BE CONSTRUCTED BEHIND ALL KERB AND CHANNEL AND LONGITUDINAL PAVEMENT JOINTS
23. RCP DRAINAGE PIPES TO BE CLASS 2, RUBBER RING JOINTED UP TO Ø675mm UNLESS OTHERWISE SPECIFIED
24. ALL DRAINAGE LINES IN ROAD RESERVES, UNDER PAVEMENTS, VEHICLE CROSS-OVERS ARE TO BE BACKFILLED WITH FCR AS PER THE RELEVANT AUTHORITY SPECIFICATIONS.
25. ALL EASEMENT DRAINS ARE AT 1 METRE OFFSET UNLESS OTHERWISE SPECIFIED.
26. ALL PIT FLOORS ARE TO BE SHAPED TO ACCOMMODATE DROP THROUGH PITS. ALL PITS TO BE CONSTURCTED TO THE COUNCIL/EDCM SPECIFICATIONS.
27. ALL PIT LIDS ARE TO BE IN ACCORDANCE WITH THE COUNCIL/EDCM SPECIFICATIONS
28. ALL PROPERTY INLET DRAINS TO BE Ø225mm AND MUST BE A MINIMUM OF 500 MILLIMETRES BELOW THE FINISHED SURFACE LEVELS AS REQUIRED BY THE COUNCIL/EDCM SPECIFICATIONS.
29. SUBGRADE IMPROVEMENT IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCILS WORKS SUPERVISOR PRIOR TO COMMENCEMENT OF WORKS.
30. PAVEMENT DEPTHS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS AND GEOTEHCNICAL REPORT (REPORT No. 1200294-1). CHANGES TO THESE DEPTHS MUST BE APPROVED BY COUNCILS WORKS SUPERVISOR AND THE SUPERINTENDENT.
31. THE CONTRACTOR SHALL CONTACT THE SUPERINTENDENT FOR THE CO-ORDINATION OF ELECTRICAL WORKS AT LEAST 28 DAYS PRIOR TO THE PROPOSED COMMENCEMENT.
32. ELECTRICAL AND TELECOMMUNICATIONS CABLES ARE TO BE PLACED IN A SHARED TRENCH TO THE SPECIFICATIONS OF THE RELEVANT AUTHORITIES.
33. CONDUIT LOCATIONS AND PROPERTY DRAIN INLET LOCATIONS ARE TO BE STAMPED ON KERB AND CHANNEL AND FOOTPATH IN ACCORDANCE WITH COUNCIL/EDCM SPECIFICATIONS.
34. FOOTPATHS ARE TO CONSTRUCTED 1.5 METRES WIDE AND 2.5 METRES WIDE (SHARED) IN ACCORDANCE WITH COUNCIL/EDCM SPECIFICATIONS.
35. PEDESTRIAN CROSSINGS THROUGH SPLITTER ISLANDS ARE TO BE CONSTRUCTED AT PAVEMENT LEVEL.
36. VEHICLE CROSOVERS ARE SHOWN INDICATIVELY. CONSTRUCTION REQUIREMENTS INCLUDING OFFSETS ARE TO BE IN ACCORDANCE WITH COUNCIL/EDCM SPECIFICATIONS
37. WHERE ALLOTMENTS ARE FILLED ABOVE FOOTPATH LEVELS, VEHICLE CROSSOVERS ARE TO BE CUT INTO ALLOTMENTS AT A MAXIMUM GRADE OF 1 IN 5
38. TBM AND PSM LOCATIONS ARE SHOWN ON SHEET 4 .
39. STREET SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL/EDCM SPECIFICATIONS.
40. SIGNAGE, LINE MARKING AND PAVEMENT MARKERS ARE TO BE INSTALLED IN ACCORDANCE WITH AS1742.2 2009, AND COUNCIL/EDCM SPECIFICATIONS
41. TACTILE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH AS1428.4.1 2009 AND VICROADS ROAD DESIGN NOTE 06-06. GUIDELINES FOR THE PLACEMENT OF TGSi AT ALL PRAM CROSSINGS, FOOTPATH JUNCTIONS IN ACCORDANCE WITH COUNCIL/EDCM REQUIREMENTS
42. THE PLANS MAY ONLY BE REPRODUCED IN THEIR ENTIRETY.
43. KERB RADII LABELS ARE IN METRES AND INDICATE BACK OF KERB DIMENSIONS.

CITY OF CASEY NOTES:

1. ALL WORKS TO BE ACCORDANCE WITH CURRENT CITY OF CASEY AND/OR EDCM SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE CITY OF CASEY SUPERVISING ENGINEER.
2. PRIOR TO COMMENCING WORKS ON SITE THE CONTRACTOR MUST ADDRESS ALL OCCUPATIONAL HEALTH & SAFETY ACT (2004) ITEMS AND ENSURE THAT THE REQUIRED NOTIFICATIONS HAVE BEEN MADE TO THE VICTORIAN WORKCOVER AUTHORITY, HEALTH & SAFETY DIVISION REGARDING TRENCHING OPERATIONS.
3. PRIOR TO COMMENCING ANY WORKS ON TRENCHES WITH DEPTHS EXCEEDING 1.5M THE CONTRACTOR'S CONSTRUCTION SUPERVISOR MUST GIVE WRITTEN NOTICE TO WORKSAFE VICTORIA IN ACCORDANCE WITH PART 5.1, DIVISION 4 OF THE OCCUPATIONAL HEALTH & SAFETY REGULATIONS (2017) & UNDERTAKE THE NECESSARY SAFETY PRECAUTIONS FOR TRENCHING OPERATIONS IN ACCORDANCE WITH THE WORKCOVER CODE OF PRACTICE (2018).
4. PAVEMENT DEPTHS MAY NEED TO BE MODIFIED DURING CONSTRUCTION, DEPENDING ONTHE ON-SITE CONDITIONS AS DIRECTED BY THE CASEY CONSTRUCTION ENGINEER OR WORKS SUPERVISOR.
5. STREET LIGHTING MUST BE PROVIDED ON ALL NEWLY CREATED ROADS AND RESERVES IN ACCORDANCE WITH THE APPROVED PUBLIC LIGHTING PLAN
6. TREE RESERVE FENCES TO BE SHOWN ON CONSTRUCTION PLANS
7. APPROPRIATE SILTATION CONTROL IS TO BE CARRIED OUT DURING THE CONSTRUCTION AND MAINTENANCE PERIODS
8. AN ENVIRONMENTAL MANAGEMENT PLAN (EMP) MUST BE SUBMITTED TO, AND APPROVED BY COUNCIL PRIOR TO THE COMMENCEMENT OF ANY WORKS ON SITE AND ALL WORKS MUST BE CARRIED OUT IN ACCORDANCE WITH THIS EMP
9. CUT BATTERS ARE TO BE HYDRO MULCHED USING APPROVED SEED MIXES.
10. REMOVAL OR RETENTION OF EXISTING TREES OR VEGETATION MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN (OTHERWISE APPROVAL WILL BE REQUIRED FROM CASEY ARBORIST OR LANDSCAPE OFFICER.)
11. NO SURPLUS TREES, VEGETATION OR OTHER MATERIALS IS TO BE BURNT ON SITE.
12. ALL FOOTPATHS AND SHARED PEDESTRIAN-BICYCLE PATHS ARE TO BE 125MM THICK REINFORCED CONCRETE USING SL72 MESH AS PER EDCM 401
13. IF IMPORTED FILL MATERIAL IS TO BE PLACED ON SITE CLEAN FILL CERTIFICATES MUST BE PROVIDED FROM A NATA APPROVED TESTING LABORATORY IN ACCORDANCE WITH EPA BULLETIN PUBLICATION NO. 448 TO DEMONSTRATE ITS SUITABILITY FOR USE ON SITE.
14. FILLING IN ALL PROPERTIES & ROAD RESERVES IS TO BE CARRIED OUT USING APPROVED CLAY FILL. TOPSOIL & ALL VEGETABLE MATTER TO BE STRIPPED FROM SITE PRIOR TO FILLING. ALL FILLING TO BE CARRIED OUT IN 150MM LAYERS AND COMPACTED TO 95% OF MAX. DRY DENSITY. ALL FILLING TO COMPLY WITH AS 3798-2007, SECTION 8.2, LEVEL 1 A FILL REPORT MUST BE SUBMITTED FROM A NATA REGISTERED SOIL TESTING LABORATORY
15. DAMS TO BE LEVELED PRIOR TO FILLING AND LEVELS SHOWN ON "AS CONSTRUCTED"PLANS
16. STRUCTURAL FILL PADS WILL BE REQUIRED FOR ANY COMMUNITY,FAMILY OR CHILDRENS CENTRES IN CONSULTATION WITH CASEY'S BUILDING MANAGEMENT TEAM
17. IF ANY EXISTING SUBSTANDARD FILLING IS ENCOUNTERED ON THE SITE IT MUST BE REMOVED AND REPLACED WITH APPROVED FILL MATERIAL PROPERLY COMPACTED TO COUNCIL REQUIREMENTS. A GEO-TECHNICAL REPORT MUST BE SUBMITTED SHOWING DETAILS OF DEPTH, TYPE OF MATERIAL AND DENSITY OF THE FILL AREAS CONCERNED
18. ALL COUNCIL RESERVES MUST BE PROVIDED WITH CONNECTIONS FOR DRAINAGE, SEWERAGE, ELECTRICITY & OTHER SERVICES
19. INDUSTRIAL STRENGTH VEHICLE CROSSINGS TO BE PROVIDED FOR LOTS IN ADJACENT TO TEMPORARY CRUSHED ROCK TURN AROUND AREAS ON 'DEAD END' ROADS
20. TEMPORARY CRUSHED ROCK TURN AROUND AREAS MUST BE MAINTAINED IN A SAFE AND SOUND CONDITION SO THAT VEHICLES ARE ABLE TO USE THEM AT ALL TIMES
21. CONCRETE IS TO BE PLACED AROUND ELECTRICAL DISTRIBUTION PITS TO A MINIMUM DEPTH OF 200MM. DISTRIBUTION PITS ARE TO BE A MINIMUM OF 300MM FROM EDGE OF FOOTPATHS
22. TELECOMMUNICATION CONDUITS ARE TO BE FOR USE BY ANY TELECOMMUNICATIONS COMPANY
23. TACTILE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH AS1428.4.1 'DESIGN FOR ACCESS AND MOBILITY' AT ALL PRAM CROSSINGS, BUS STOPS/ HARD STANDS, ROUNDABOUTS/SIGNALS AND INTERSECTIONS AND IN ACCORDANCE WITH EDCM 403.
24. A CCTV REPORT MUST BE PROVIDED FOR ALL DRAINAGE LINES PRIOR TO ISSUE OF PRACTICAL COMPLETION.

VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME: P:\1432\1432_1\EI2 - Design\6 - DGN\R02.dgn

DRAWN:	L.ZHENG	DATE:	25/02/2020	SCALE:	AS SHOWN
DESIGNED:	M.LERNER	DATE:	25/02/2020	DATE PRINTED:	2/10/2020
AUTHORISED:	T.SMITH	DATE:	25/02/2020		



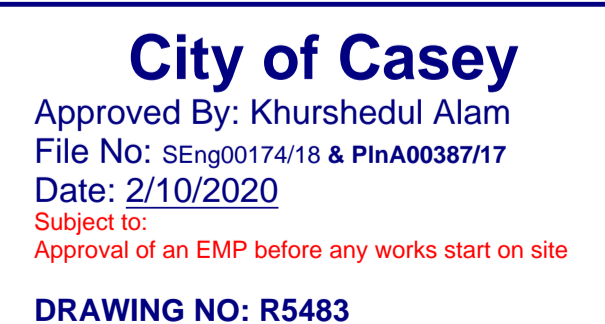
SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
www.charltondegg.com.au

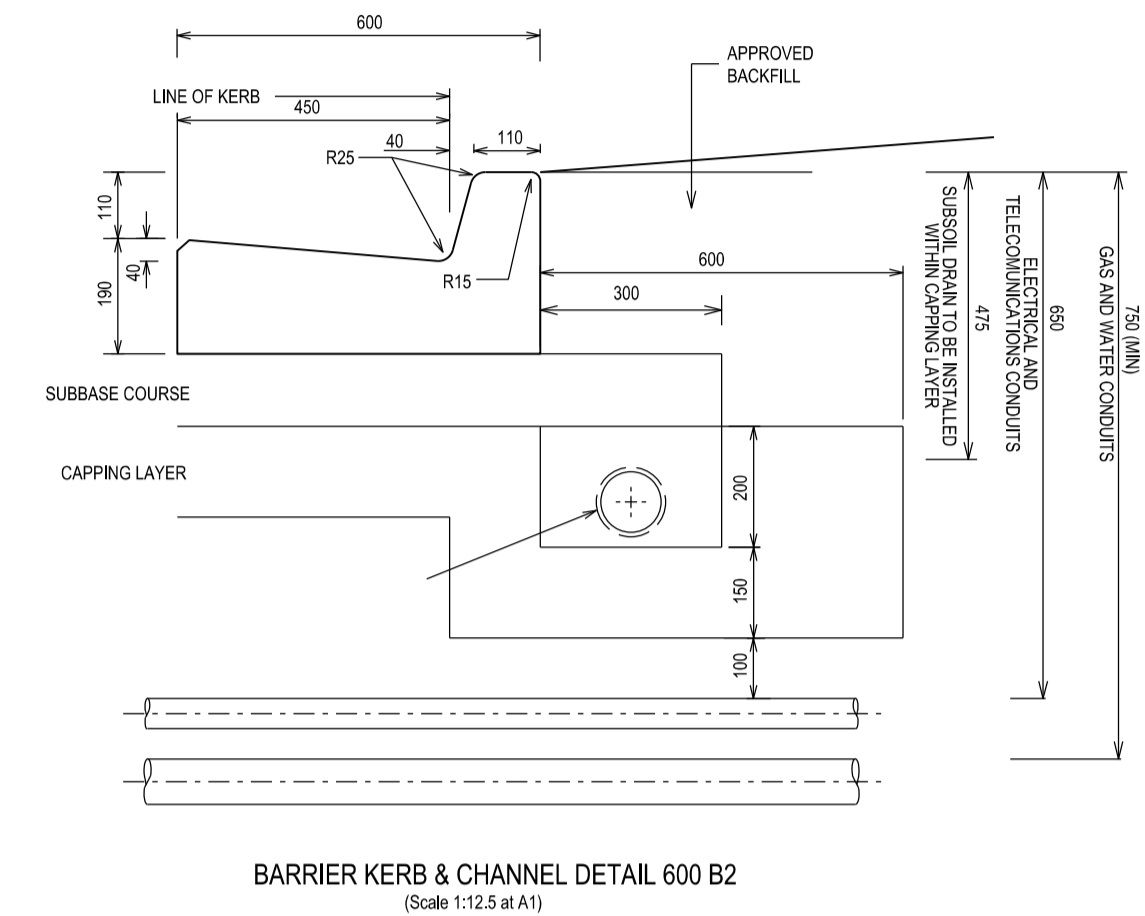
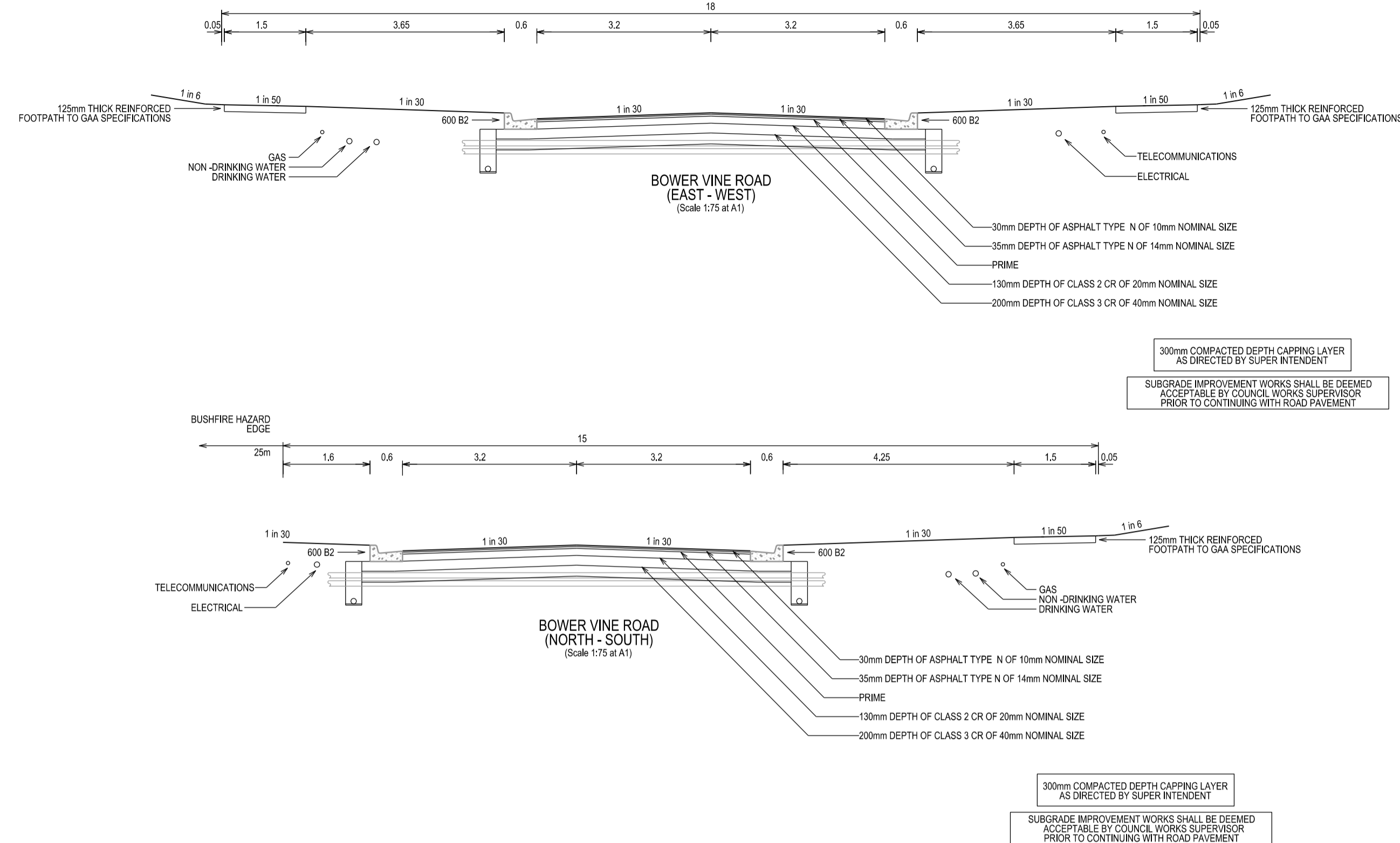
COUNCIL:
CITY OF CASEY

TITLE:
No. 3 JUNCTION VILLAGE PTY LTD
THE JUNCTION - STAGE 1
45 CRAIG ROAD, JUNCTION VILLAGE

CONSTRUCTION NOTES

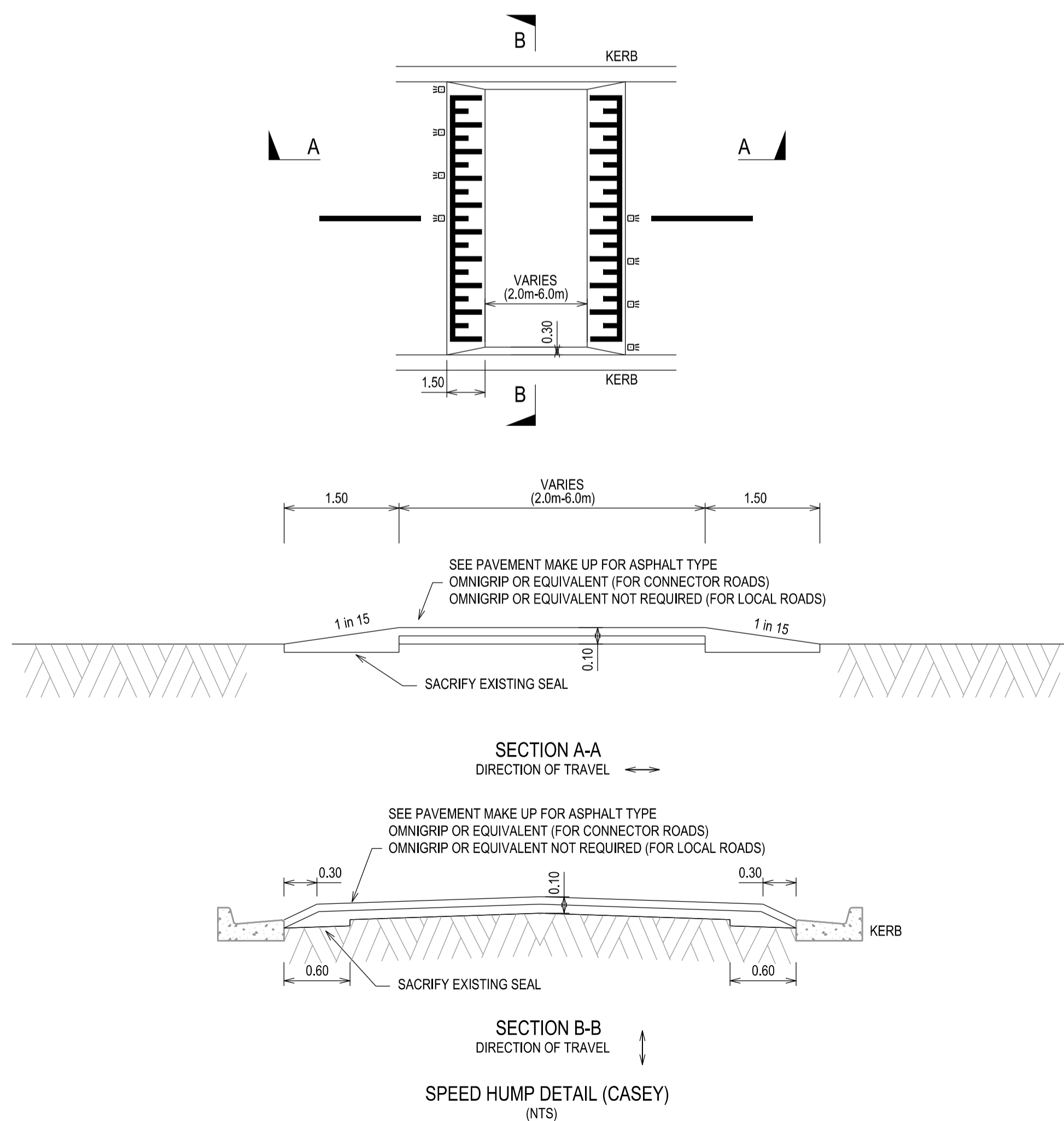
DRG NO. 1432_1/R02	REV. D	SHEET 02 OF 15
-----------------------	-----------	----------------





NOTES:

- TRAFFIC ISLAND INFILL TO BE 200mm THICK 32MPa CONCRETE WITH 50mm MESH TOP COVER (MESH TO HAVE 50mm COVER TO ALL EDGES) ON TOP OF
- 100mm COMPACTED DEPTH 20mm CLASS 3 FCR OR CLASS 3 CRUSHED CONCRETE
- REFER TO CIVIL TEST GEOTECH INVESTIGATION (REFERENCE NUMBER 1200294-1) FOR ADDITIONAL DETAILS ON PAVEMENT MATERIALS, COMPACTION ETC.



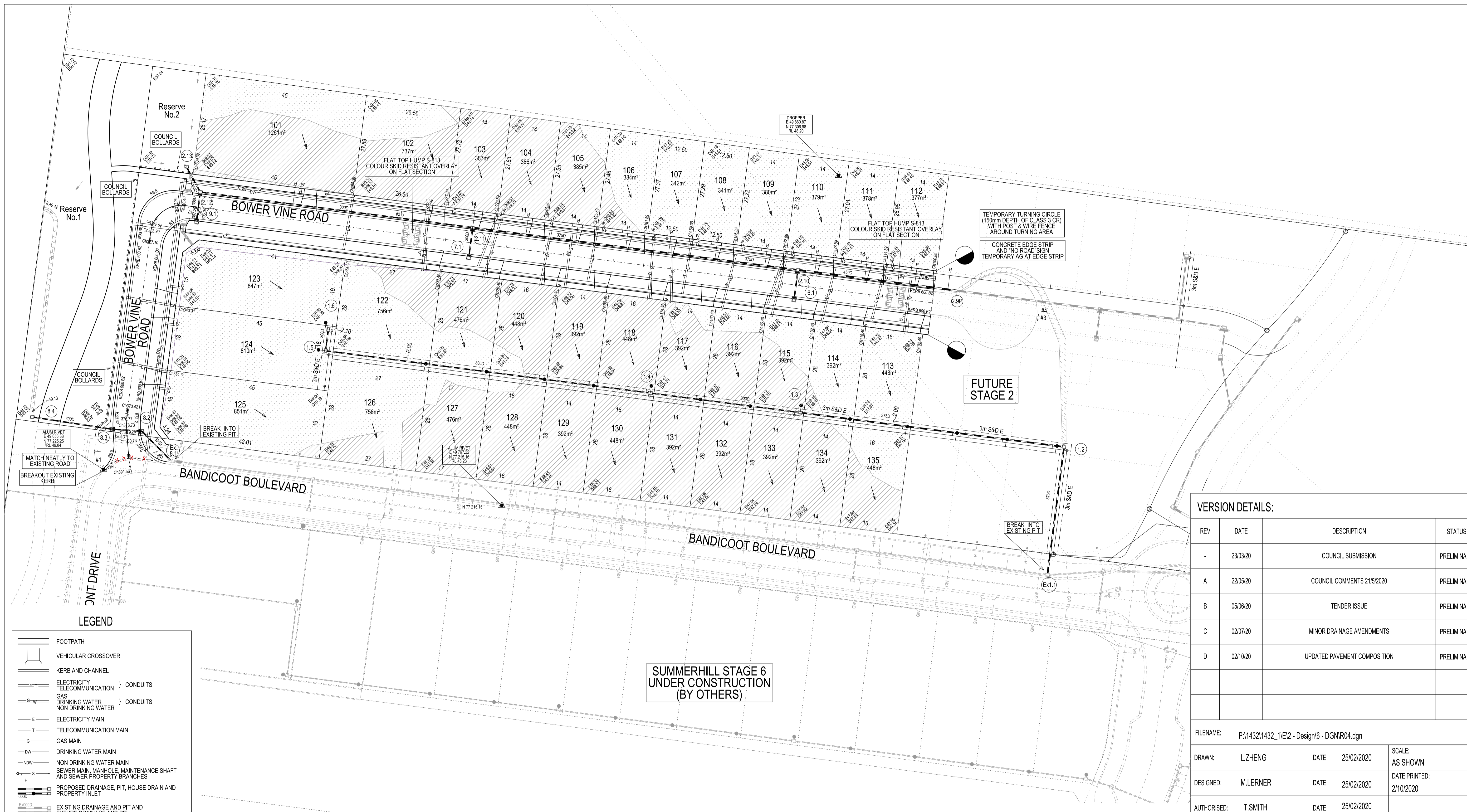
City of Casey
 Approved By: Khurshedul Alam
 File No: SEng00174/18 & PInA00387/17
 Date: 2/10/2020
 Subject to:
 Approval of an EMP before any works start on site
DRAWING NO: R5483

VERSION DETAILS:			
REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME:	P:\1432\1432_1\1E12 - Design\6 - DGN\R03.dgn		
DRAWN:	L.ZHENG	DATE:	25/02/2020
DESIGNED:	M.LERNER	DATE:	25/02/2020
AUTHORISED:	T.SMITH	DATE:	25/02/2020

CHARLTON DEGG
 LAND DEVELOPMENT CONSULTANTS
 SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
 www.charltondegg.com.au

COUNCIL:	CITY OF CASEY		
TITLE:	No. 3 JUNCTION VILLAGE PTY LTD THE JUNCTION - STAGE 1 45 CRAIG ROAD, JUNCTION VILLAGE		
CORAL VINE ROAD TYPICAL CROSS SECTIONS			
DRG NO:	1432_1/R03	REV:	D
			SHEET 03 OF 15



LEGEND

- FOOTPATH
- VEHICULAR CROSSOVER
- KERB AND CHANNEL
- ELECTRICITY } CONDUITS
- TELECOMMUNICATION } CONDUITS
- GAS } CONDUITS
- DRINKING WATER } CONDUITS
- NON DRINKING WATER } CONDUITS
- ELECTRICITY MAIN
- TELECOMMUNICATION MAIN
- GAS MAIN
- DRINKING WATER MAIN
- NON DRINKING WATER MAIN
- SEWER MAIN, MANHOLE, MAINTENANCE SHAFT AND SEWER PROPERTY BRANCHES
- PROPOSED DRAINAGE, PIT, HOUSE DRAIN AND PROPERTY INLET
- EXISTING DRAINAGE AND PIT AND FUTURE DRAINAGE AND PIT
- MELBOURNE WATER SCHEME DRAINAGE AND PIT (COUNCIL ASSET)
- DRAINAGE PIT NUMBER
- PROPOSED CUT AREAS
- PROPOSED FILL AREAS
- EXISTING SURFACE LEVEL
- DESIGN SURFACE LEVEL
- TOP OF BATTER LEVEL
- PRE-DEVELOPMENT LEVEL
- STREET NAME SIGN
- LOT SLOPE DIRECTION
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- COUNCIL BOLLARDS

SERVICE OFFSETS

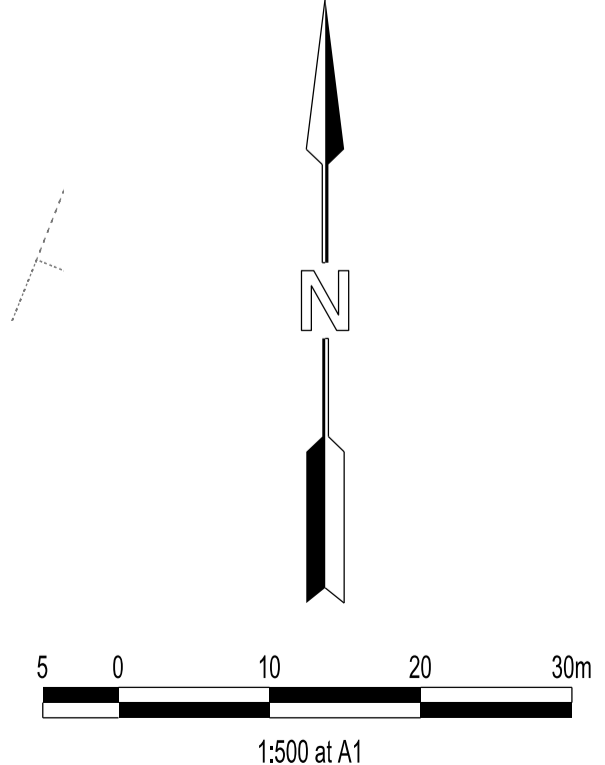
Street	Gas	NDW	Water	Comms	Elec.	Lighting	Sewer
Bower Vine Road(Lots 123-125)	E 2.20	E 2.70	E 3.20	W 0.30	W 1.10	1.00 BOK	W -
Bower Vine Road(Lots 101-112)	N 1.80	N 2.30	N 2.75	S 1.80	S 2.550	1.00 BOK	N 0.80

SERVICE OFFSETS ARE MEASURED (m) FROM THE TITLE BOUNDARY UNLESS OTHERWISE SPECIFIED

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.

City of Casey
 Approved By: Khurshedul Alam
 File No: SEng00174/18 & PlnA00387/17
 Date: 2/10/2020
 Subject to:
 Approval of an EMP before any works start on site
DRAWING NO: R5483

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



VERSION DETAILS:

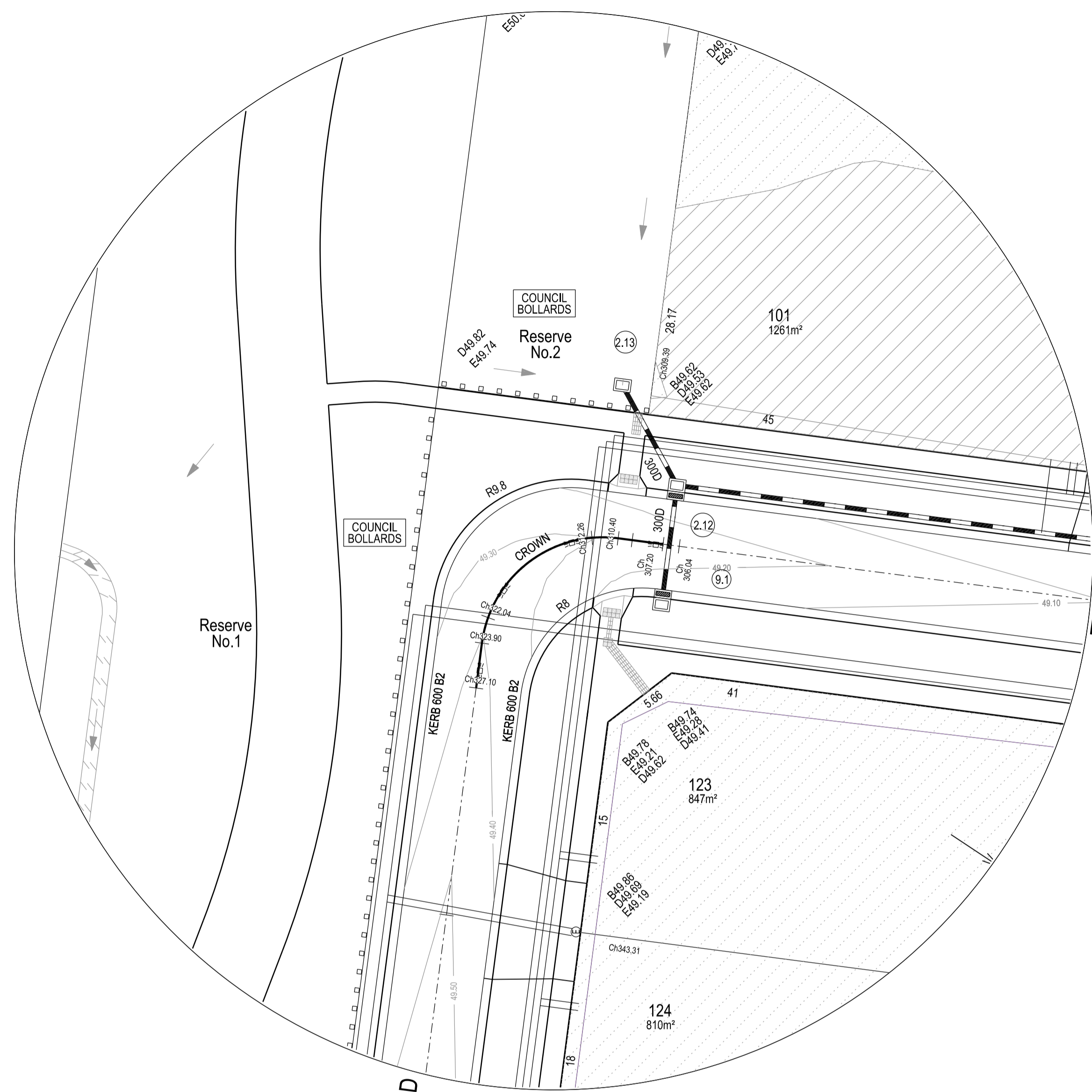
REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME:	P:\1432\1432_1\IE2 - Design\6 - DGN\R04.dgn		
DRAWN:	L.ZHENG	DATE:	25/02/2020
DESIGNED:	M.LERNER	DATE:	25/02/2020
AUTHORISED:	T.SMITH	DATE:	25/02/2020
SCALE:	AS SHOWN		
DATE PRINTED:	2/10/2020		

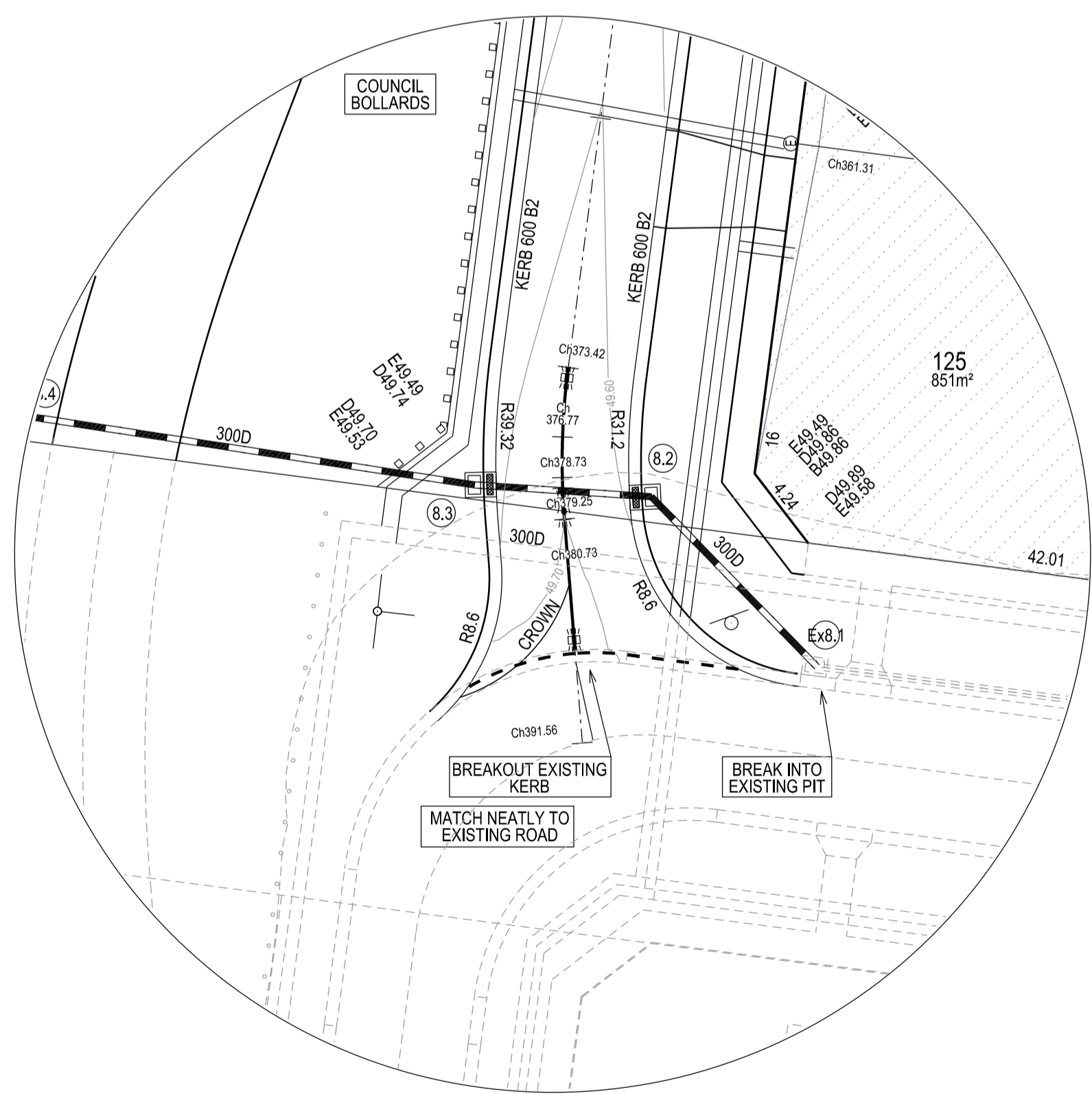


SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
 www.charltondegg.com.au

CITY OF CASEY	TITLE: No. 3 JUNCTION VILLAGE PTY LTD THE JUNCTION - STAGE 1 45 CRAIG ROAD, JUNCTION VILLAGE	
DRG NO. 1432_1/R 04	REV. D	SHEET 04 OF 15



BOWER VINE ROAD

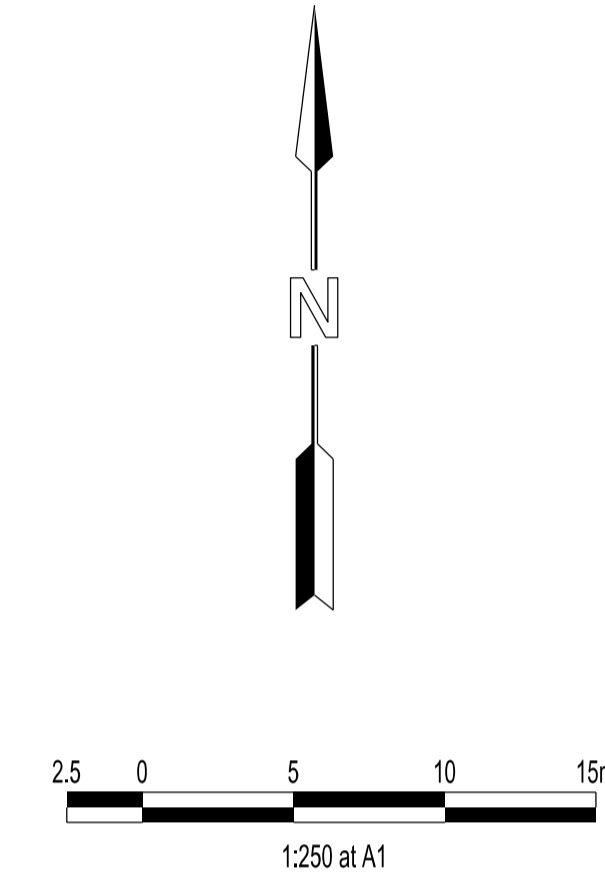


VILLERMONT DRIVE

BANDICOOT BOULEVARD

LEGEND

	FOOTPATH
	VEHICULAR CROSSOVER
	KERB AND CHANNEL
	ELECTRICITY TELECOMMUNICATION } CONDUITS
	GAS DRINKING WATER NON DRINKING WATER } CONDUITS
	ELECTRICITY MAIN
	TELECOMMUNICATION MAIN
	GAS MAIN
	DRINKING WATER MAIN
	NON DRINKING WATER MAIN
	SEWER MAIN, MANHOLE AND MAINTENANCE SHAFT
	PROPOSED DRAINAGE, PIT, HOUSE DRAIN AND PROPERTY INLET
	EXISTING DRAINAGE AND PIT AND FUTURE DRAINAGE AND PIT
	MELBOURNE WATER SCHEME DRAINAGE AND PIT (COUNCIL ASSET)
	DRAINAGE PIT NUMBER
	PROPOSED CUT AREAS
	PROPOSED FILL AREAS
	EXISTING SURFACE LEVEL
	DESIGN SURFACE LEVEL
	TOP OF BATTER LEVEL
	PRE-DEVELOPMENT LEVEL
	STREET NAME SIGN
	LOT SLOPE DIRECTION
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	COUNCIL BOLLARDS



VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME: P:\1432\1432_1\1E12 - Design\6 - DGN\R05.dgn

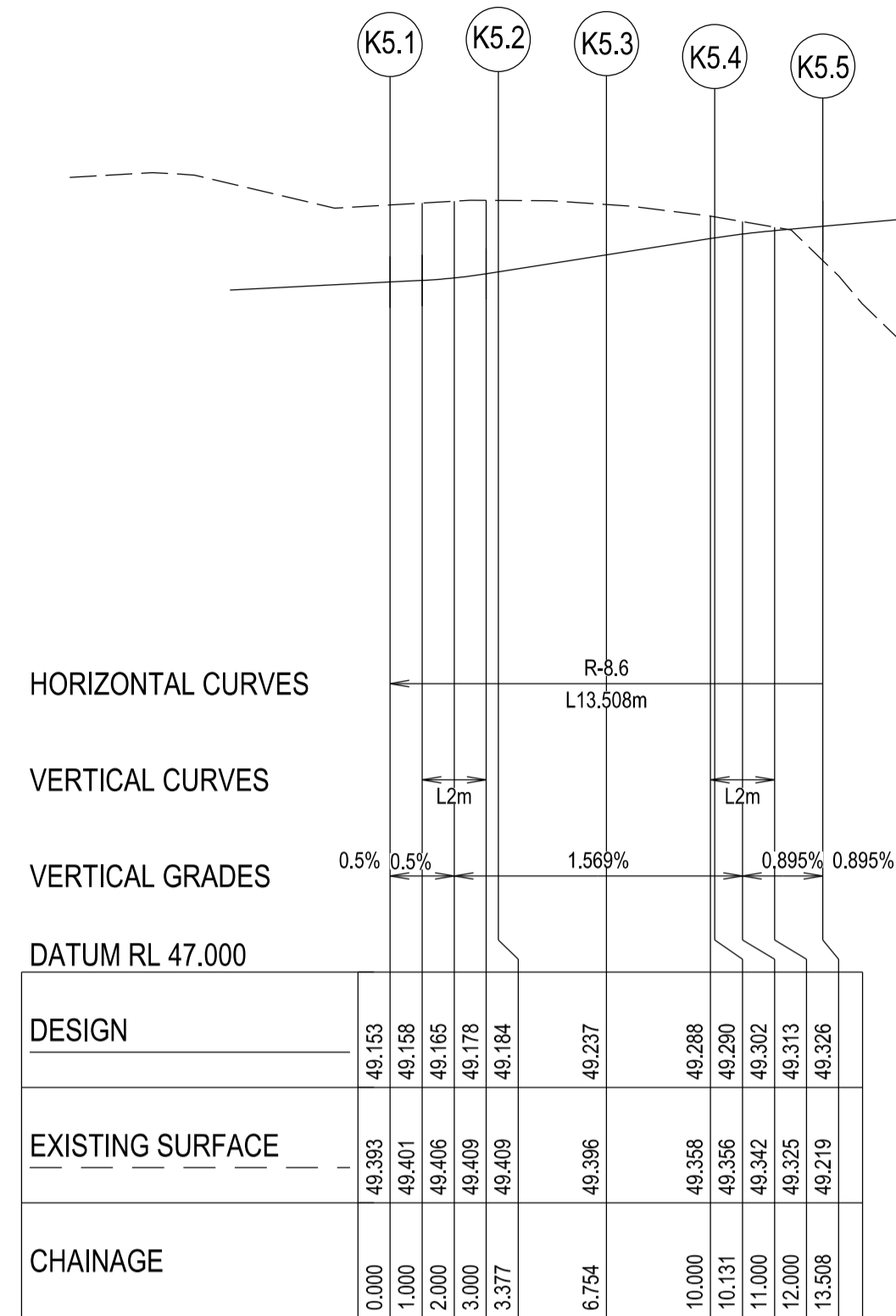
DRAWN: L.ZHENG	DATE: 25/02/2020	SCALE: AS SHOWN
DESIGNED: M.LERNER	DATE: 25/02/2020	DATE PRINTED: 2/10/2020
AUTHORISED: T.SMITH	DATE: 25/02/2020	



COUNCIL:
CITY OF CASEY

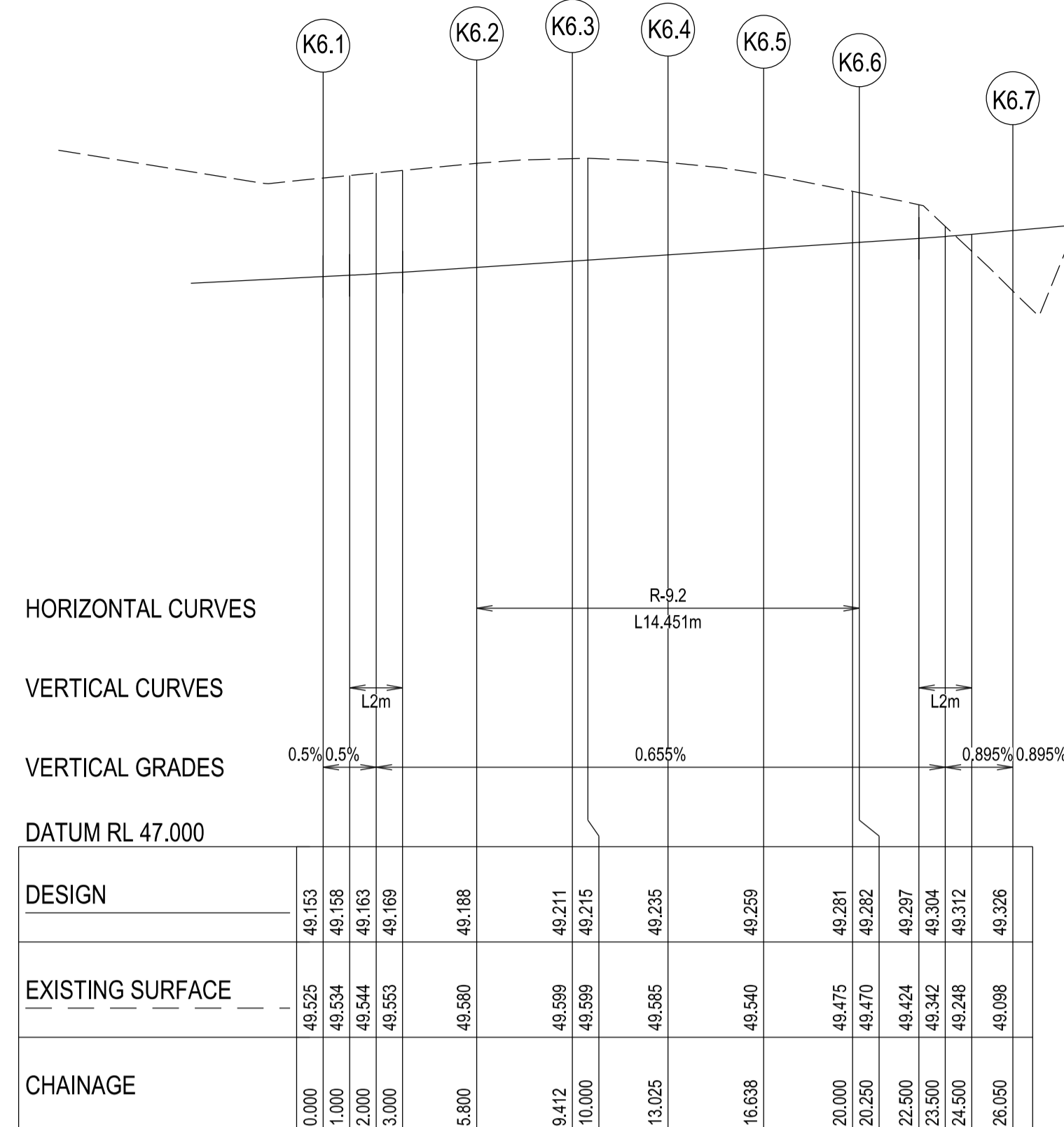
TITLE:
No. 3 JUNCTION VILLAGE PTY LTD
THE JUNCTION - STAGE 1
45 CRAIG ROAD, JUNCTION VILLAGE

City of Casey
Approved By: Khurshedul Alam
File No: SEng00174/18 & PInA00387/17
Date: 2/10/2020
Subject to:
Approval of an EMP before any works start on site
DRAWING NO: R5483



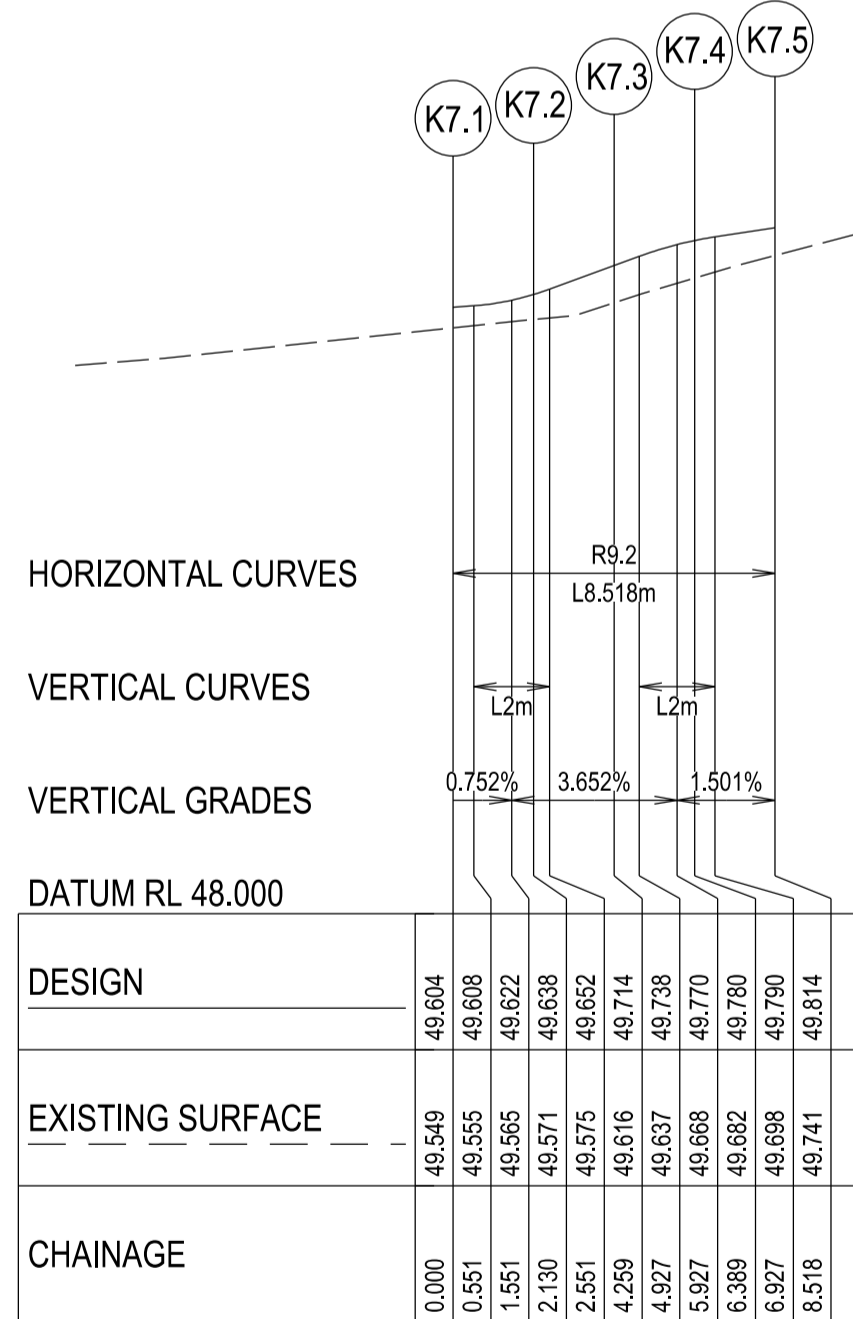
KR 05 - LONGITUDINAL SECTION
A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20

POINT NO.	EASTING	NORTHING	RL
K5.1	49681.94	77295.021	49.153
K5.2	49678.593	77294.796	49.184
K5.3	49675.586	77293.308	49.237
K5.4	49673.377	77290.782	49.29
K5.5	49672.303	77287.604	49.326



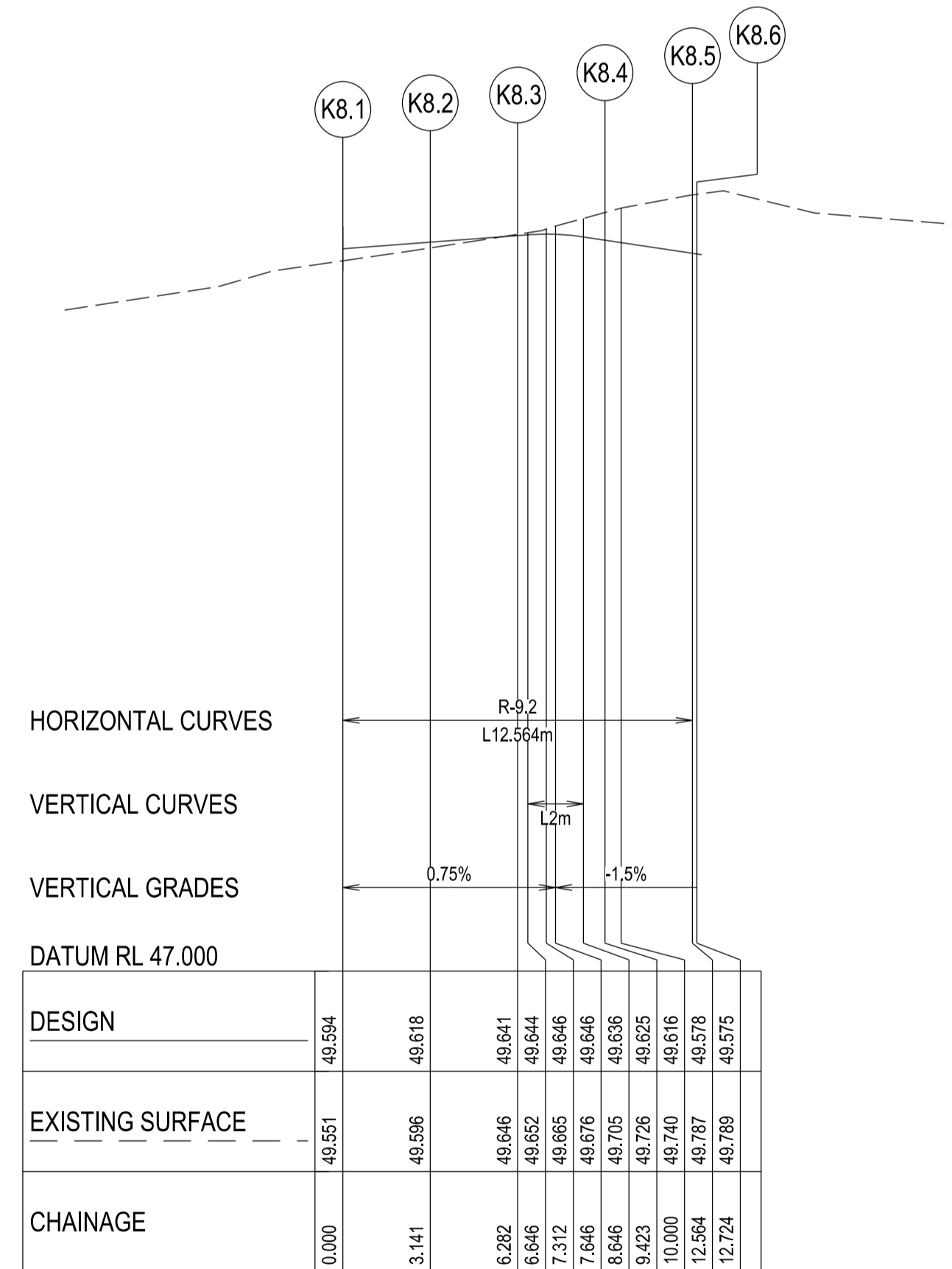
KR 06 - LONGITUDINAL SECTION
A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20

POINT NO.	EASTING	NORTHING	RL
K6.1	49682.766	77301.367	49.153
K6.2	49677.016	77302.116	49.188
K6.3	49673.435	77301.876	49.211
K6.4	49670.217	77300.283	49.235
K6.5	49667.854	77297.581	49.259
K6.6	49666.705	77294.181	49.282
K6.7	49665.956	77288.431	49.326



KR 07 - LONGITUDINAL SECTION
A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20

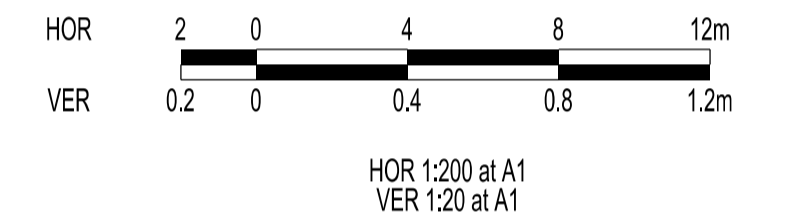
POINT NO.	EASTING	NORTHING	RL
K7.1	49659.924	77232.681	49.604
K7.2	49659.847	77230.558	49.638
K7.3	49659.285	77228.51	49.714
K7.4	49658.268	77226.644	49.78
K7.5	49656.851	77225.062	49.814



KR 08 - LONGITUDINAL SECTION
A1 HORZ SCALE 1:200
A1 VERT SCALE 1:20

POINT NO.	EASTING	NORTHING	RL
K8.1	49666.147	77235.167	49.594
K8.2	49666.909	77232.136	49.618
K8.3	49668.642	77229.535	49.641
K8.4	49671.146	77227.665	49.625
K8.5	49674.132	77226.74	49.578
K8.6	49674.29	77226.72	49.575

City of Casey
Approved By: Khurshedul Alam
File No: SEng00174/18 & PInA00387/17
Date: 2/10/2020
Subject to:
Approval of an EMP before any works start on site
DRAWING NO: R5483



VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME: P:\1432\1432_1\E12 - Design\6 - DGN\R06.dgn

DRAWN: L.ZHENG	DATE: 25/02/2020	SCALE: AS SHOWN
DESIGNED: M.LERNER	DATE: 25/02/2020	DATE PRINTED: 2/10/2020
AUTHORISED: T.SMITH	DATE: 25/02/2020	

CHARLTON DEGG
LAND DEVELOPMENT CONSULTANTS
SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
www.charltondegg.com.au

COUNCIL:
CITY OF CASEY

TITLE:
No. 3 JUNCTION VILLAGE PTY LTD
THE JUNCTION - STAGE 1
45 CRAIG ROAD, JUNCTION VILLAGE

KERB RETURN LONGITUDINAL SECTION

DRG NO. 1432_1/R06	REV. D	SHEET 6 OF 15
-----------------------	-----------	---------------

Future Stage 2

Refer to Intersection Detail

Refer to Intersection Detail

HORIZONTAL CURVES

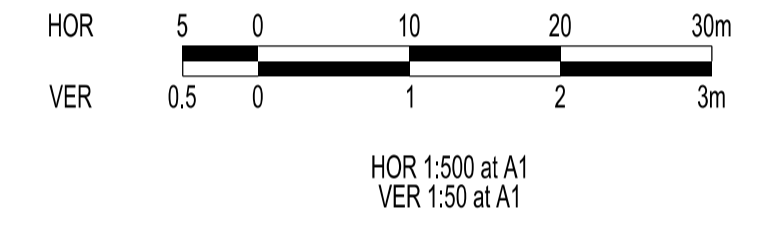
VERTICAL CURVES

VERTICAL GRADES

DATUM RL 41.000

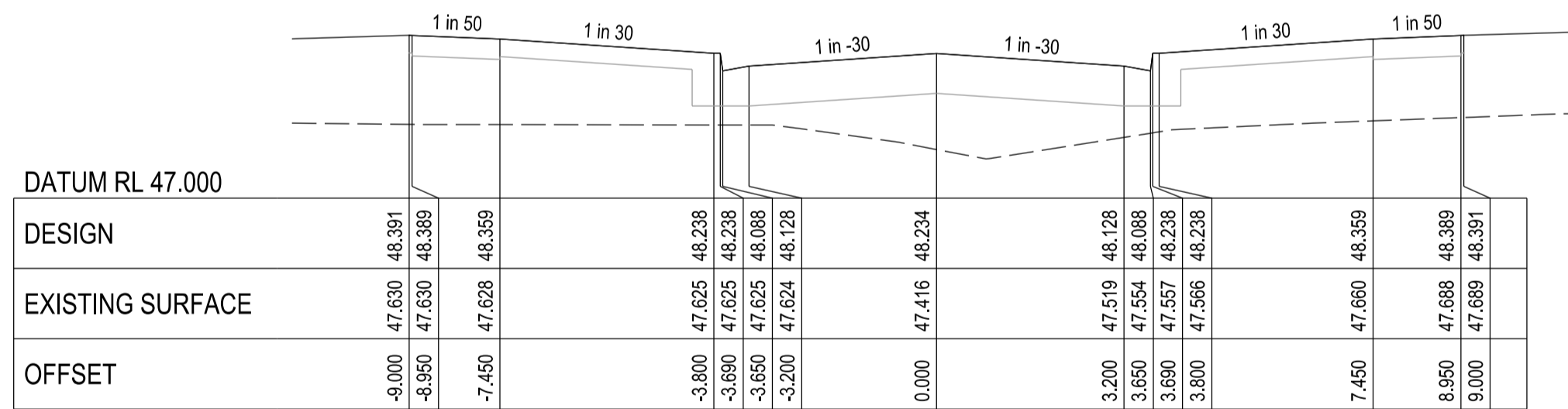
DESIGN	EXISTING SURFACE	CHAINAGE
48.222	47.519	100.000
48.227	47.555	100.894
48.234	47.416	102.396
48.272	47.669	110.000
48.297	47.704	114.894
48.314	47.730	118.396
48.323	47.743	120.000
48.367	47.859	128.894
48.373	47.863	130.000
48.385	47.889	132.396
48.423	47.952	140.000
48.437	48.014	142.894
48.455	48.093	146.396
48.473	48.175	150.000
48.507	48.323	156.894
48.523	48.387	160.000
48.525	48.395	160.396
48.570	48.603	168.396
48.573	48.642	170.000
48.595	48.636	174.396
48.623	48.759	180.000
48.632	48.797	181.894
48.673	48.921	190.000
48.675	48.929	190.396
48.702	49.062	195.894
48.723	49.562	200.000
48.745	49.669	204.396
48.772	49.784	208.894
48.773	49.785	210.000
48.823	49.832	220.000
48.825	49.832	220.396
48.842	49.886	223.894
48.873	50.041	230.000
48.910	50.882	237.396
48.912	50.884	237.894
48.923	50.992	240.000
48.973	49.634	270.000
49.123	49.524	280.000
49.173	49.449	290.000
49.223	49.543	300.000
49.254	49.448	306.038
49.259	49.458	307.196
49.265	49.468	308.335
49.274	49.478	309.395
49.280	49.483	310.000
49.290	49.500	312.261
49.298	49.496	320.000
49.388	49.424	322.040
49.404	49.388	323.905
49.433	49.404	327.104
49.447	49.433	330.000
49.497	49.190	340.000
49.514	49.209	343.305
49.547	49.248	350.000
49.597	49.244	360.000
49.604	49.232	361.305
49.647	49.369	370.000
49.664	49.428	373.416
49.681	49.476	376.775
49.693	49.681	378.733
49.697	49.693	379.245
49.701	49.516	380.000
49.736	49.526	380.733
49.751	49.657	387.685
49.793	49.751	390.000
49.832	49.816	391.560

City of Casey
 Approved By: Khurshedul Alam
 File No: SEng00174/18 & PinA00387/17
 Date: 2/10/2020
 Subject to:
 Approval of an EMP before any works start on site
DRAWING NO: R5483

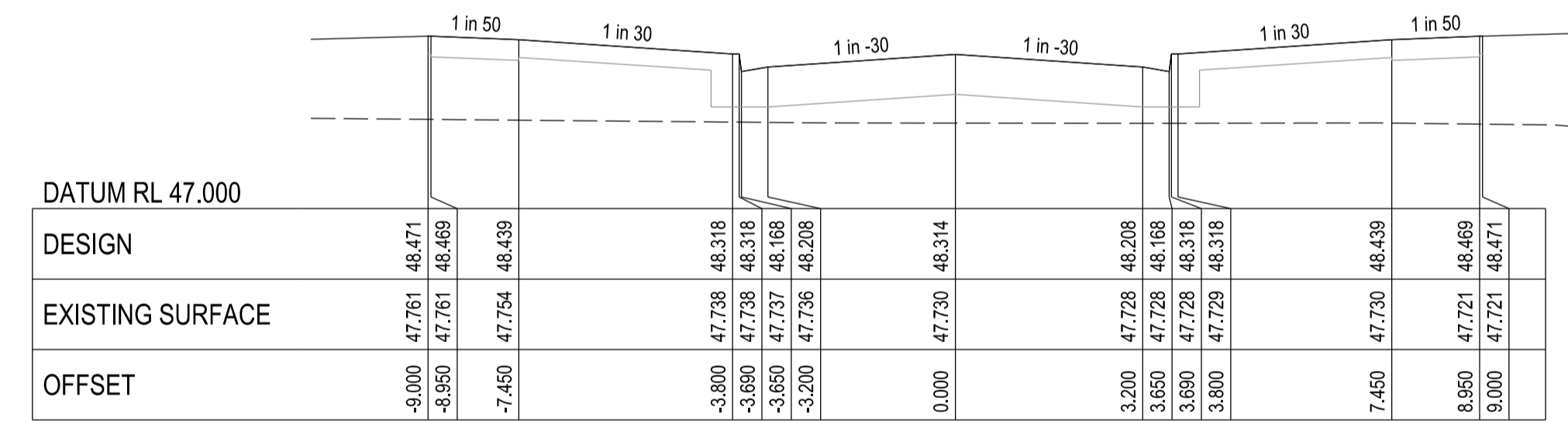


BOWER VINE ROAD - LONGITUDINAL SECTION

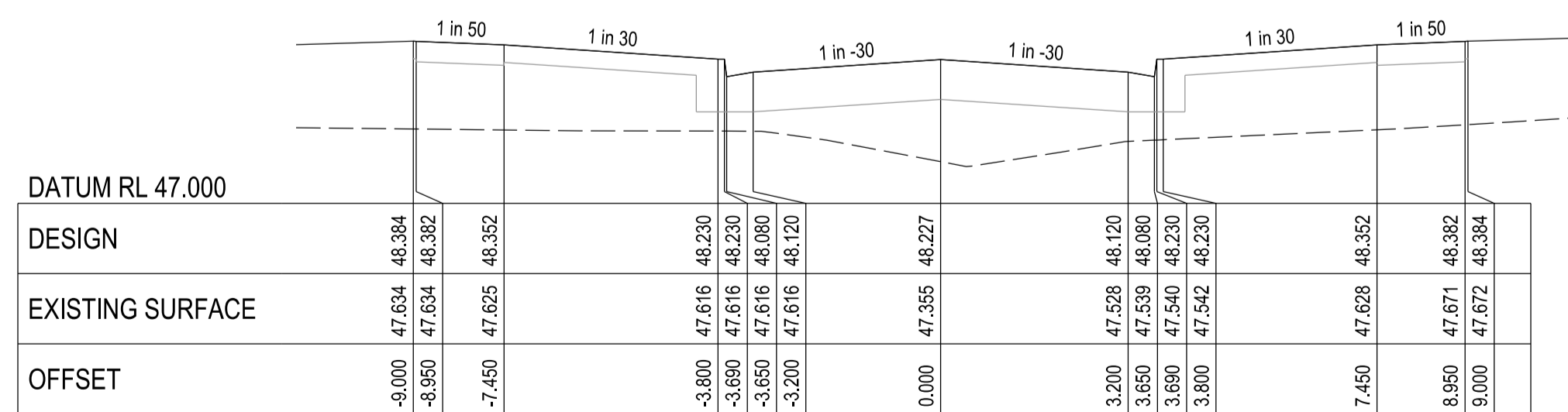
A1 HORZ SCALE 1:500
A1 VERT SCALE 1:50



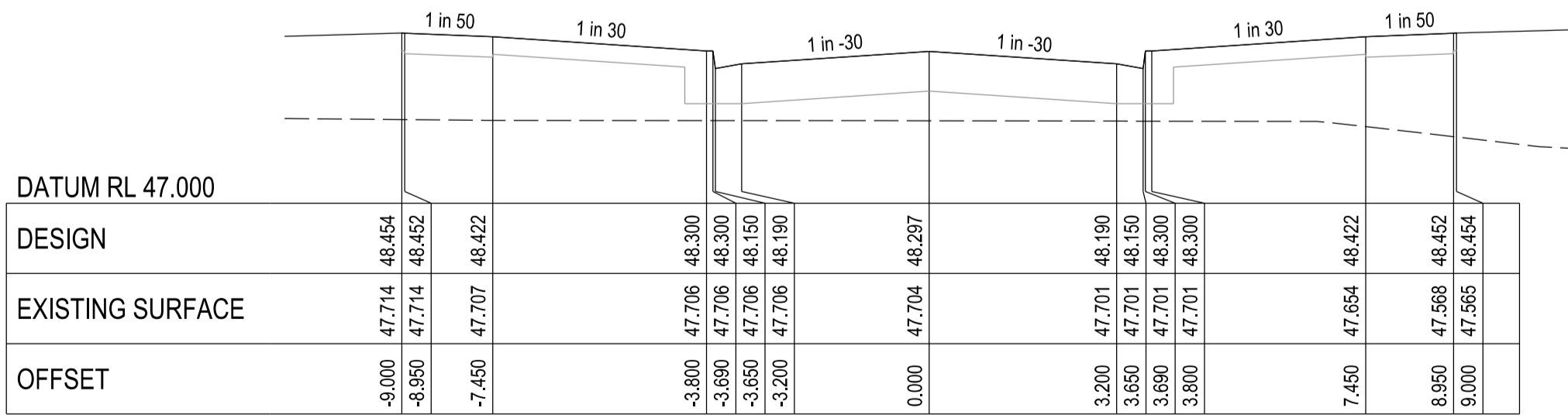
CHAINAGE 102.396



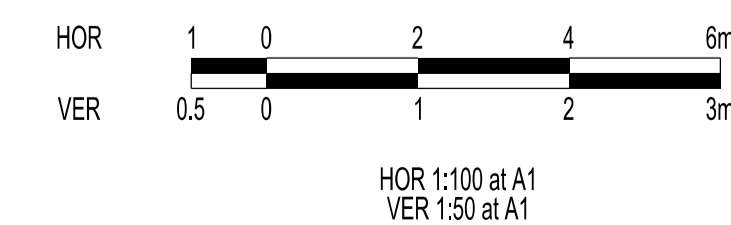
CHAINAGE 118.396



CHAINAGE 100.894



CHAINAGE 114.894



VERSION DETAILS:

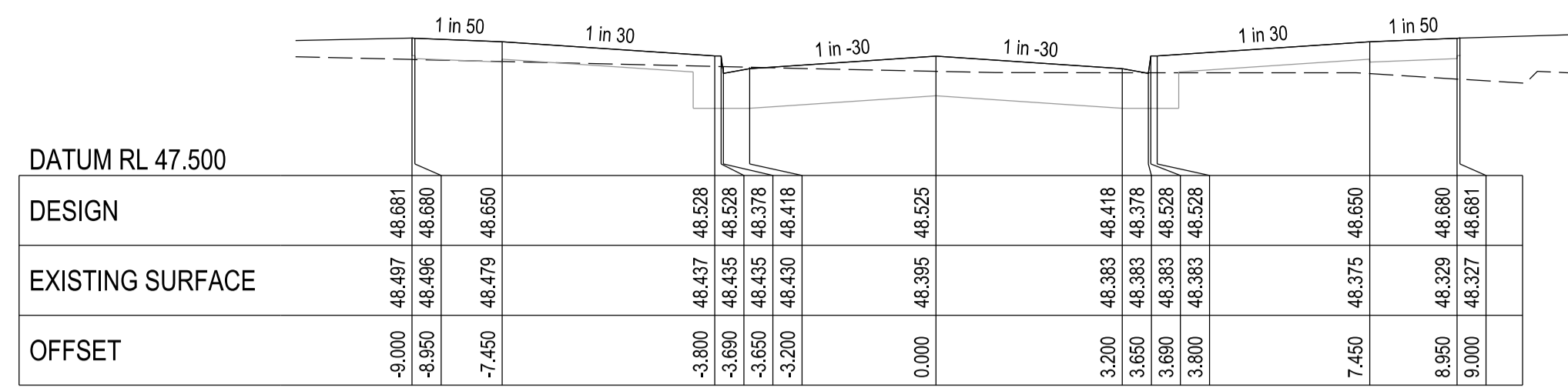
REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME:	P:\1432\1432_1\1E12 - Design\6 - DGN\R07.dgn		
DRAWN:	L.ZHENG	DATE:	25/02/2020
DESIGNED:	M.LERNER	DATE:	25/02/2020
AUTHORISED:	T.SMITH	DATE:	25/02/2020

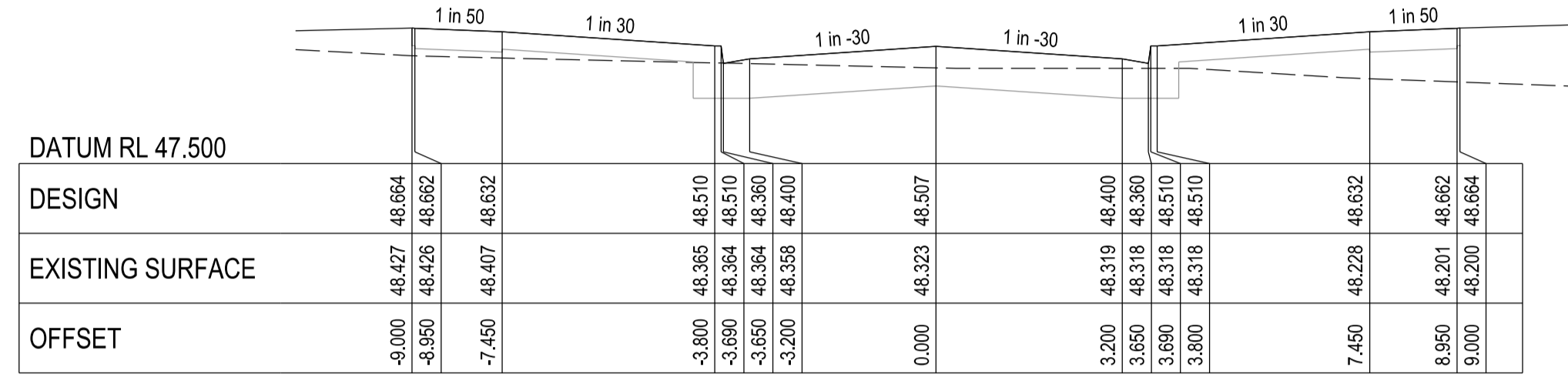
CHARLTON DEGG
 LAND DEVELOPMENT CONSULTANTS
 SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3830
 www.charltondegg.com.au

COUNCIL:
CITY OF CASEY

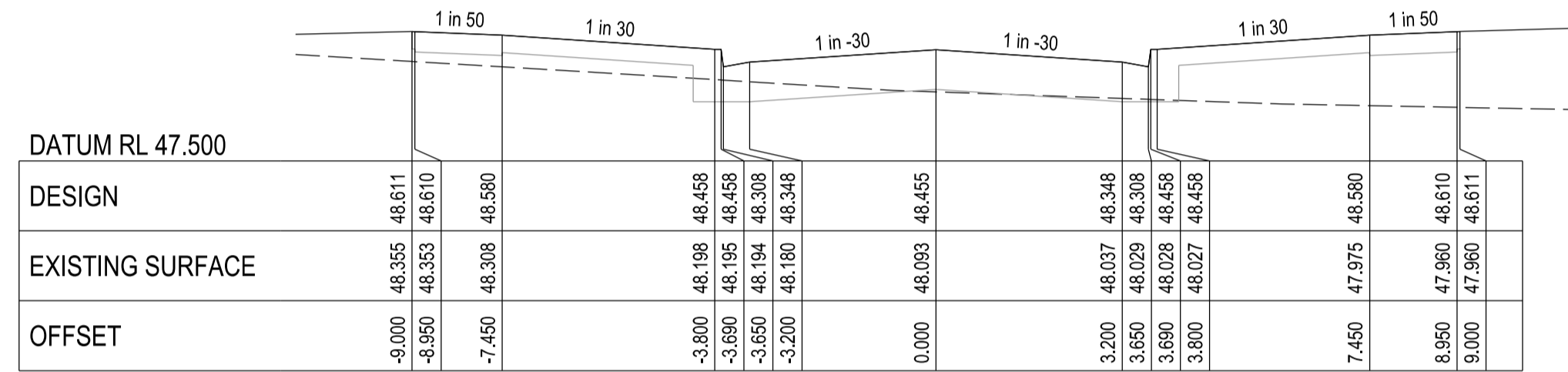
TITLE:
**No. 3 JUNCTION VILLAGE PTY LTD
 THE JUNCTION - STAGE 1
 45 CRAIG ROAD, JUNCTION VILLAGE**



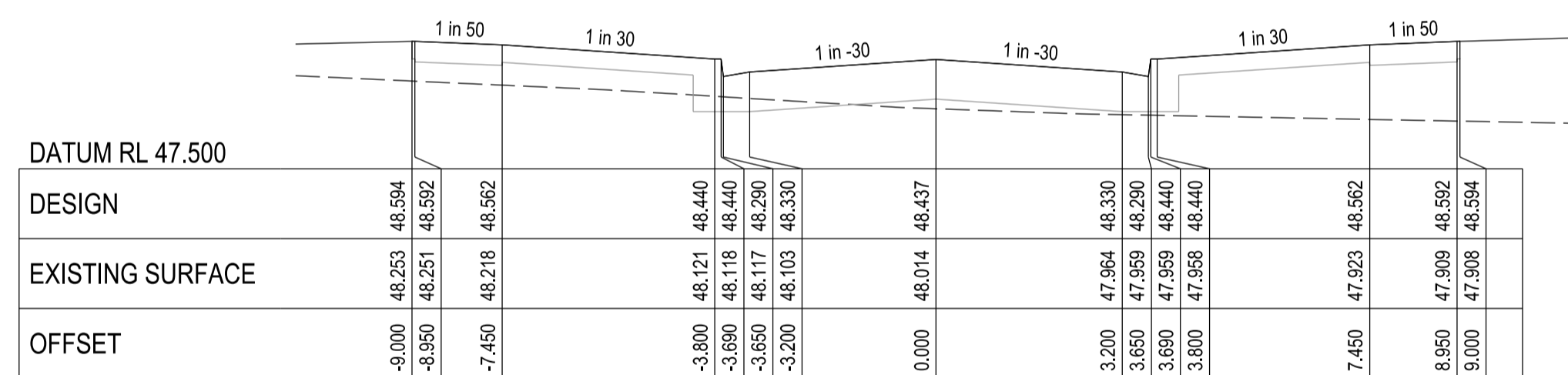
CHAINAGE 160.396



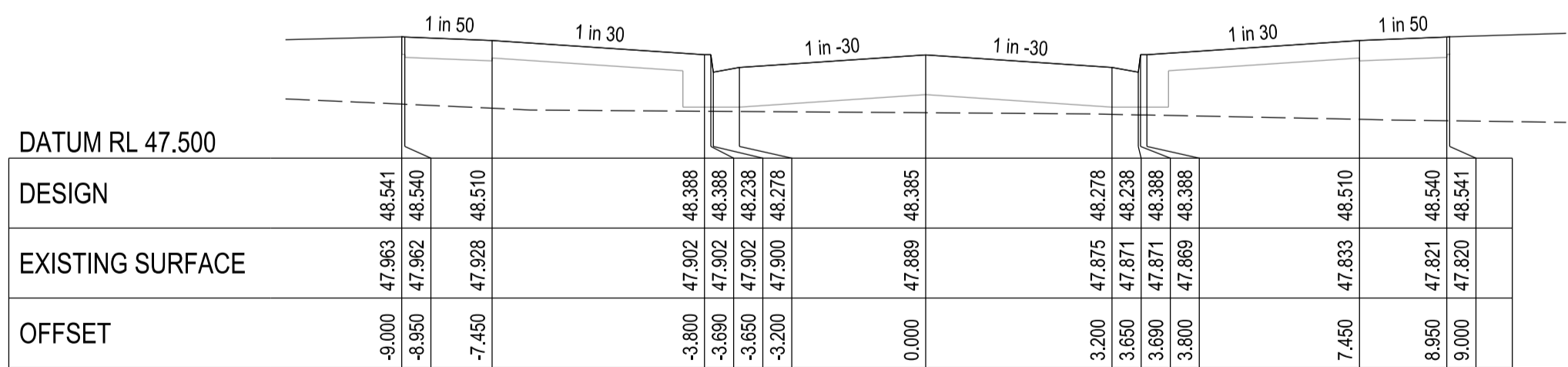
CHAINAGE 156.894



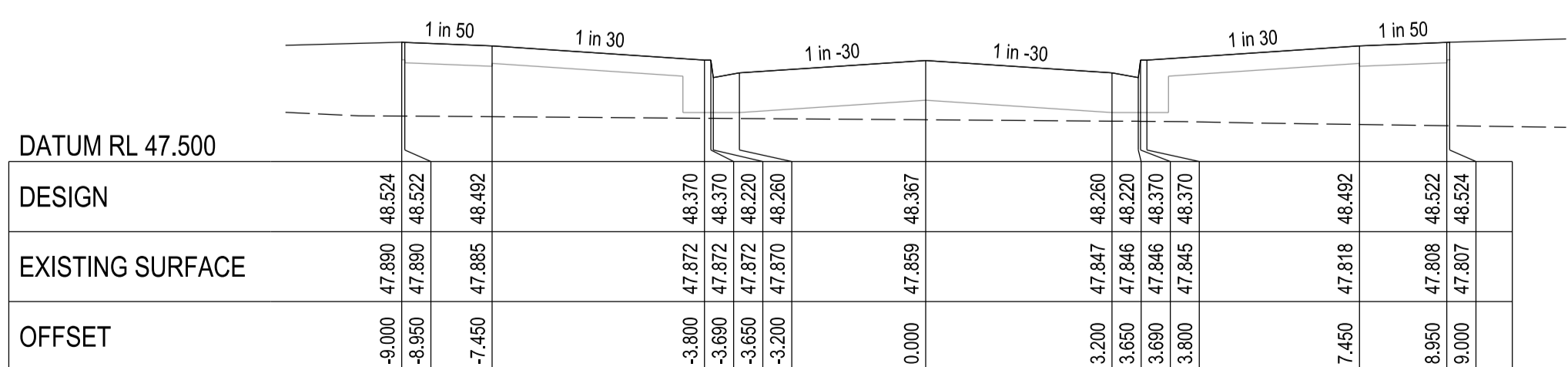
CHAINAGE 146.396



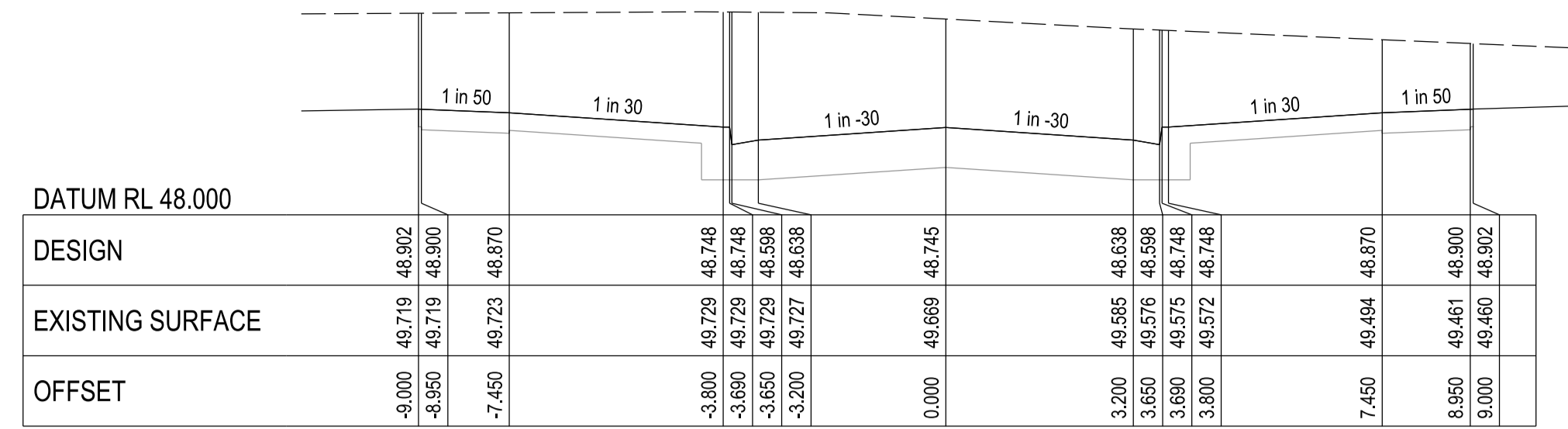
CHAINAGE 142.894



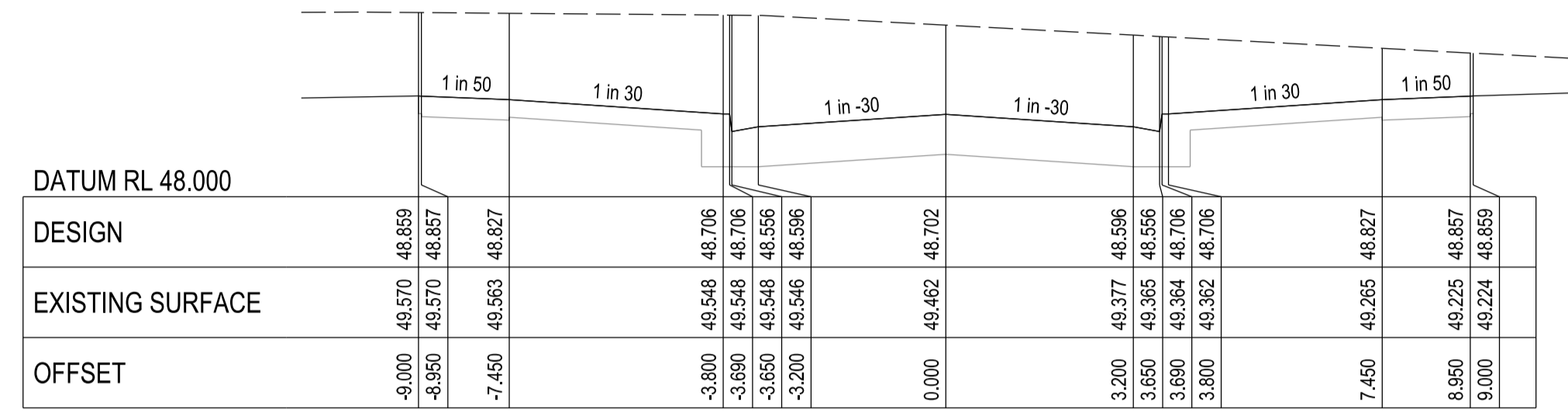
CHAINAGE 132.396



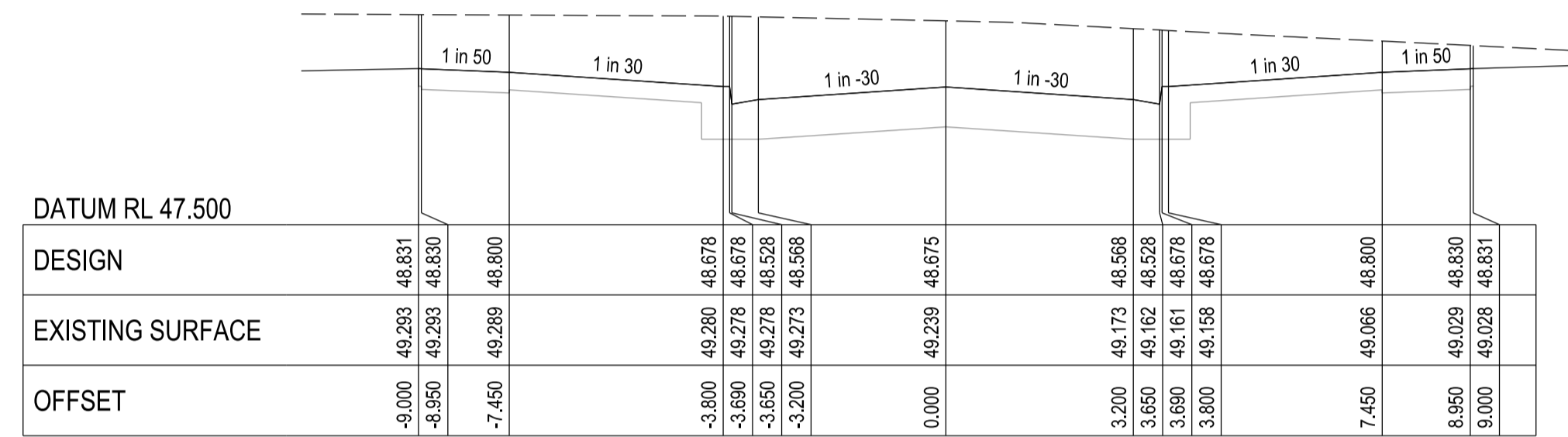
CHAINAGE 128.894



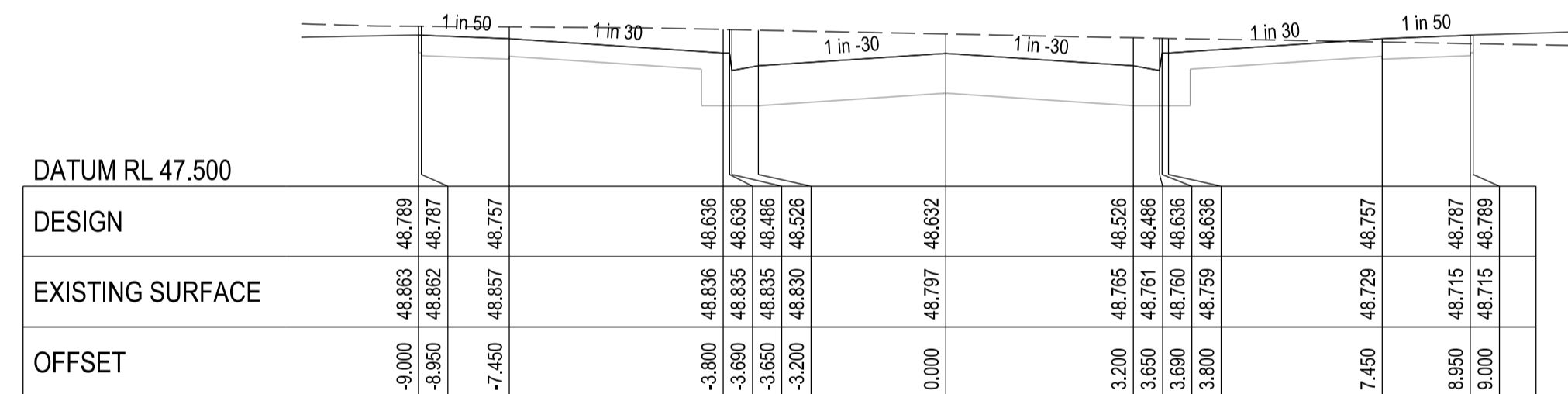
CHAINAGE 204.396



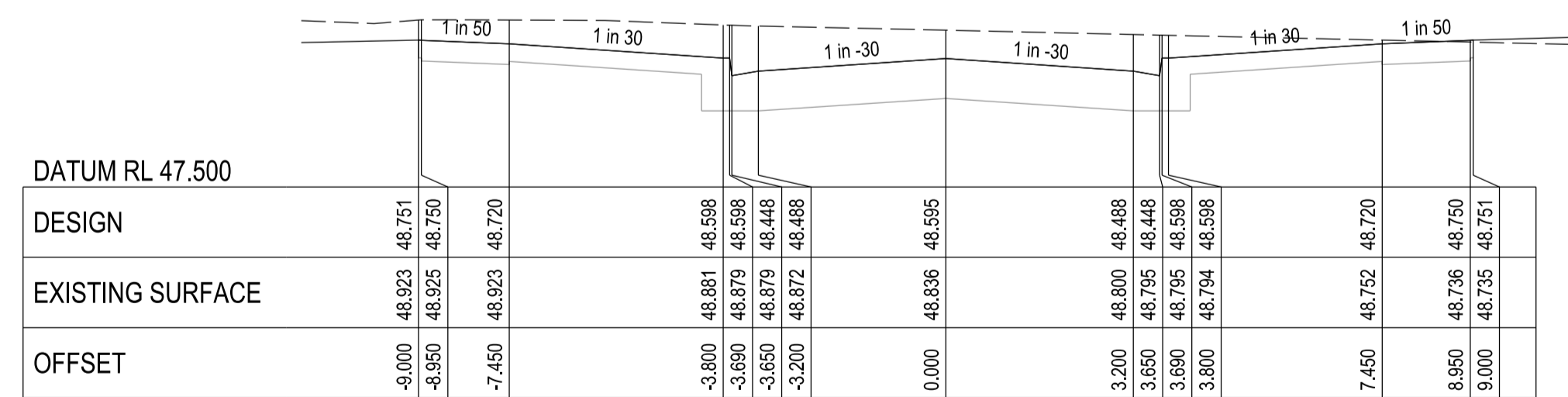
CHAINAGE 195.894



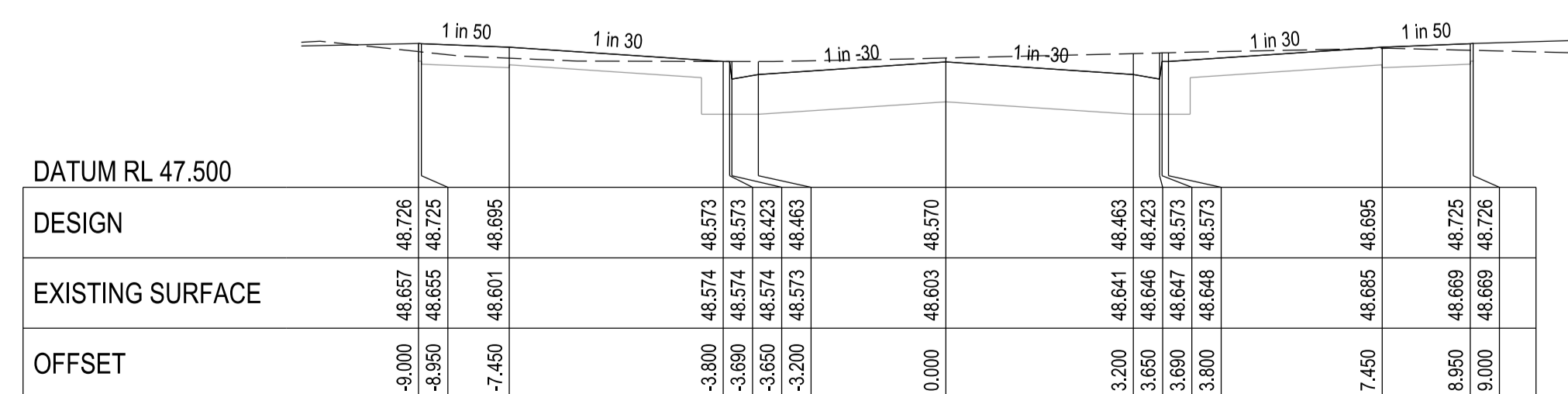
CHAINAGE 190.396



CHAINAGE 181.894

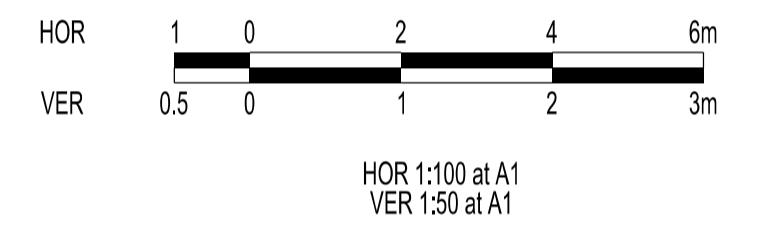


CHAINAGE 174.396



CHAINAGE 169.394

City of Casey
 Approved By: Khurshedul Alam
 File No: SEng00174/18 & PinA00387/17
 Date: 2/10/2020
 Subject: Approval of an EMP before any works start on site
DRAWING NO: R5483



VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME: P:\1432\1432_1\E12 - Design\6 - DGN\R08.dgn

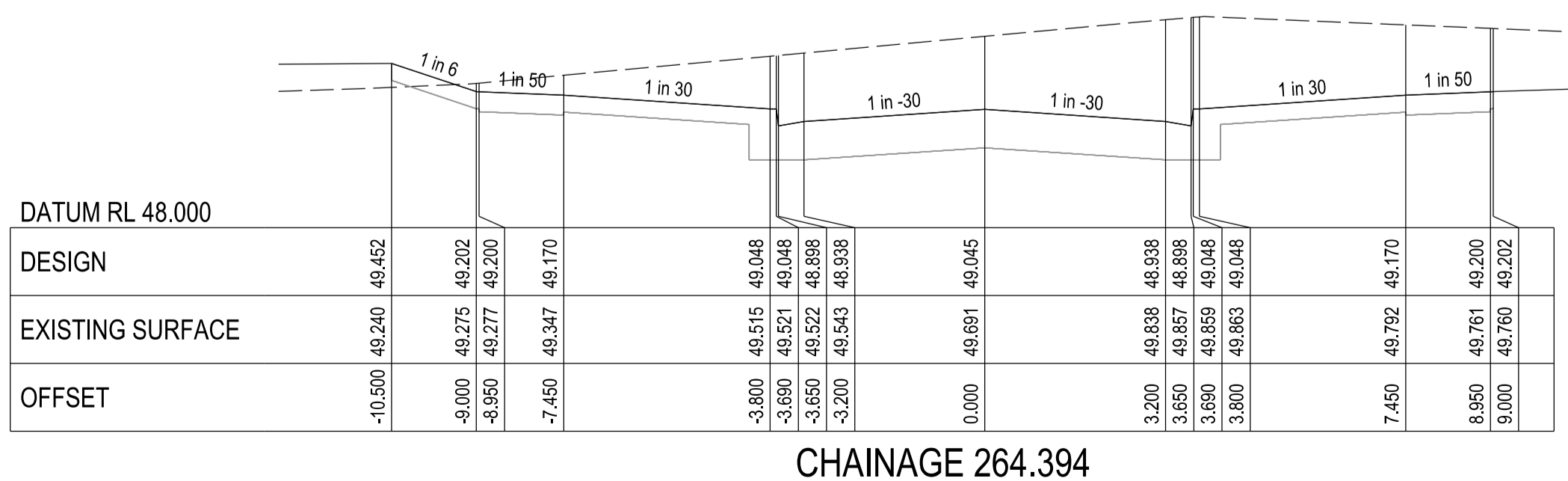
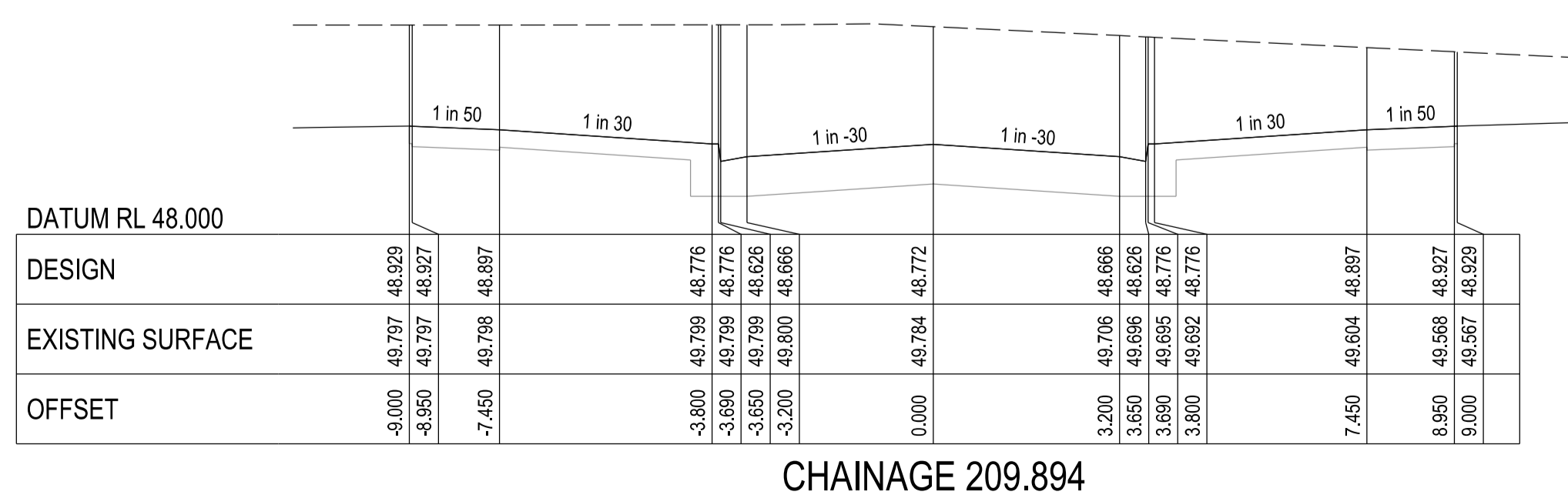
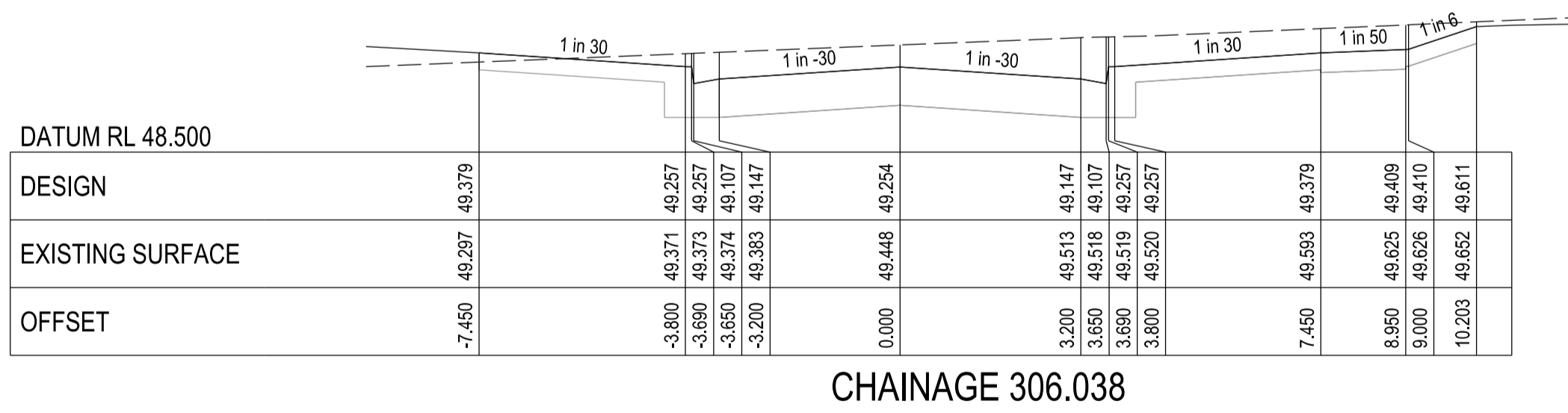
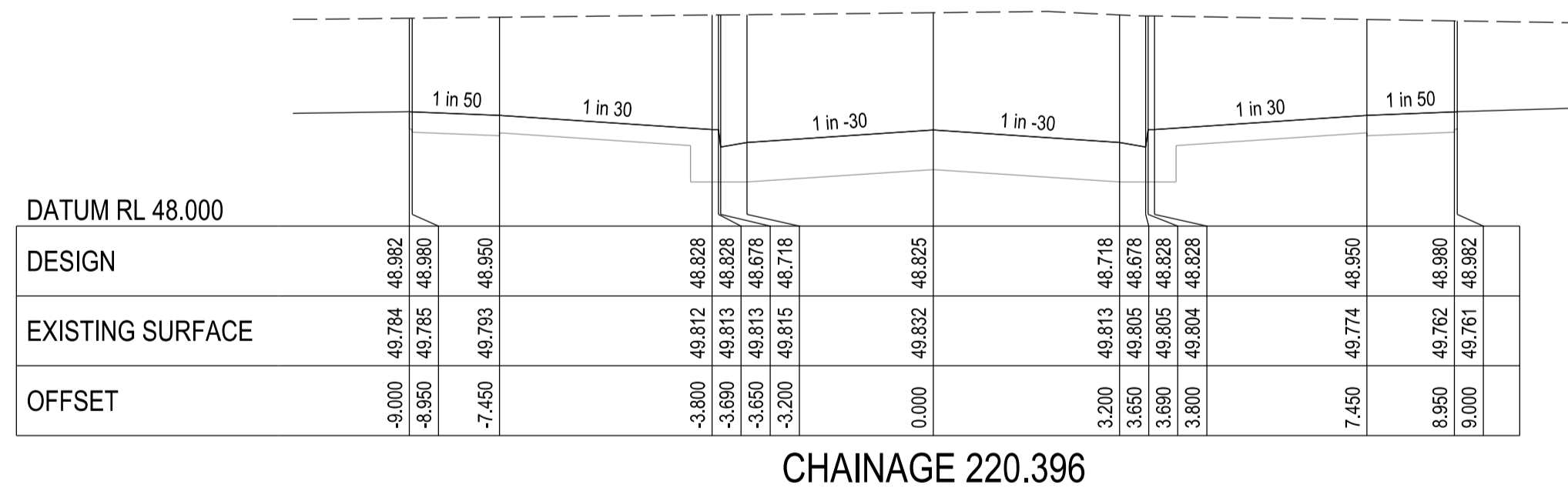
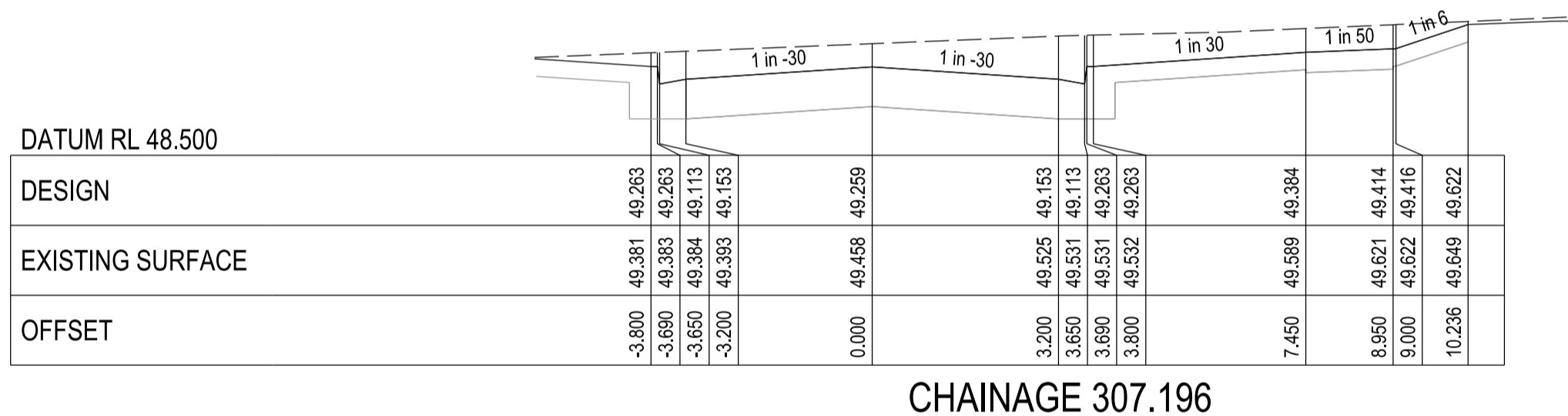
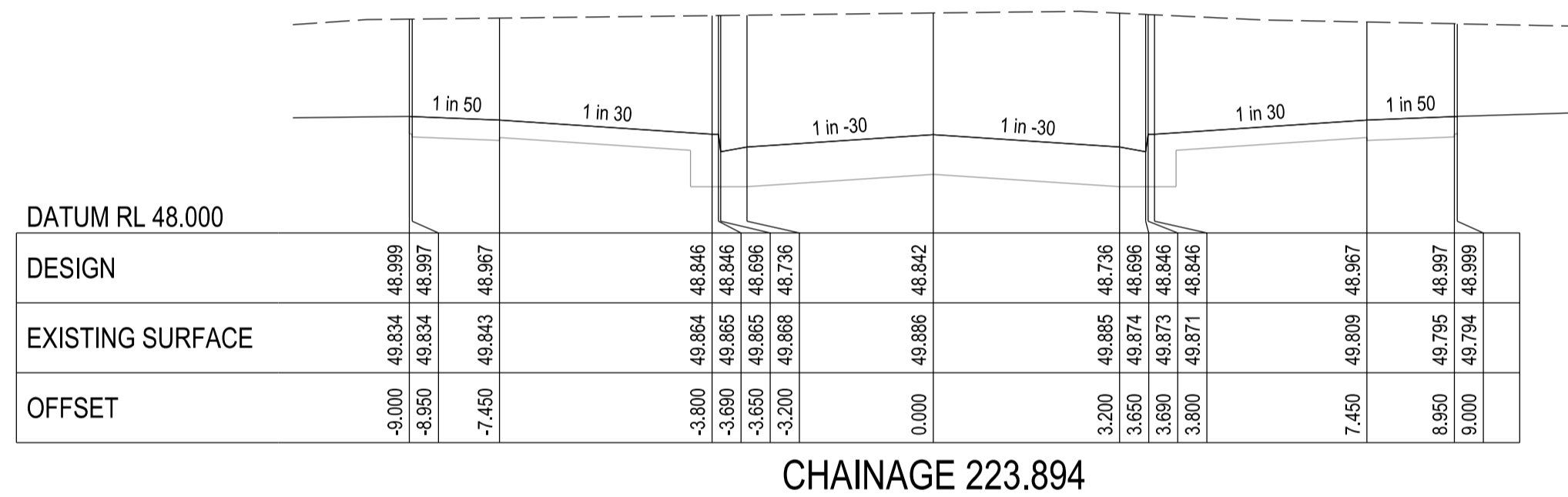
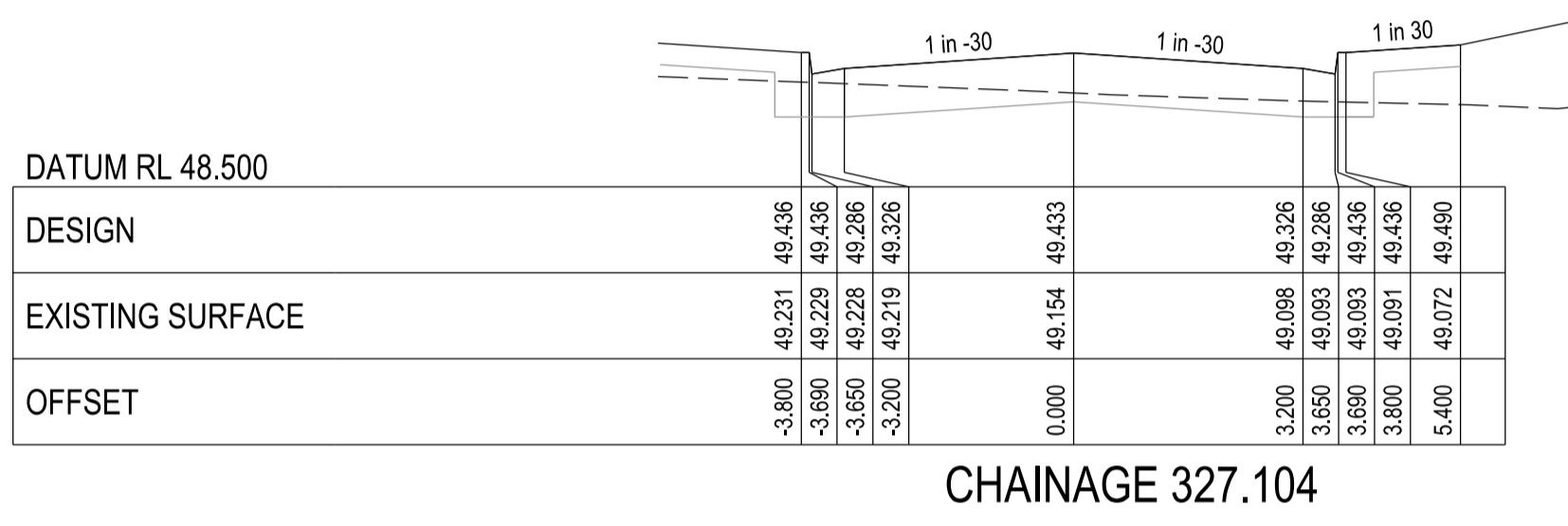
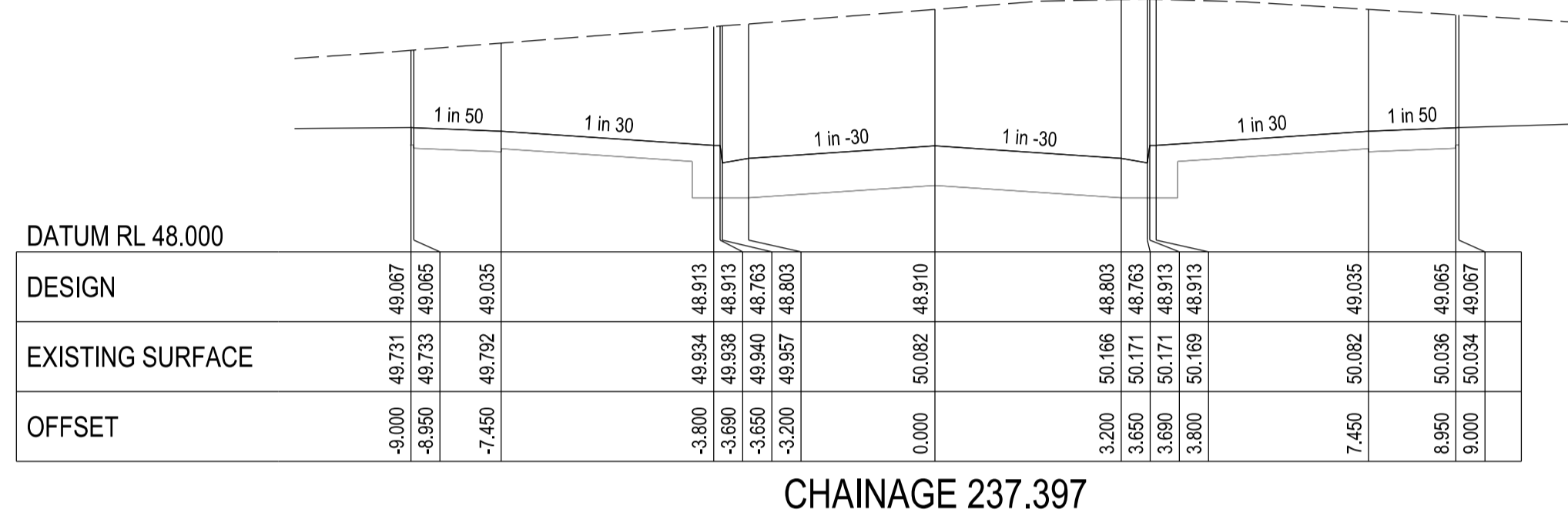
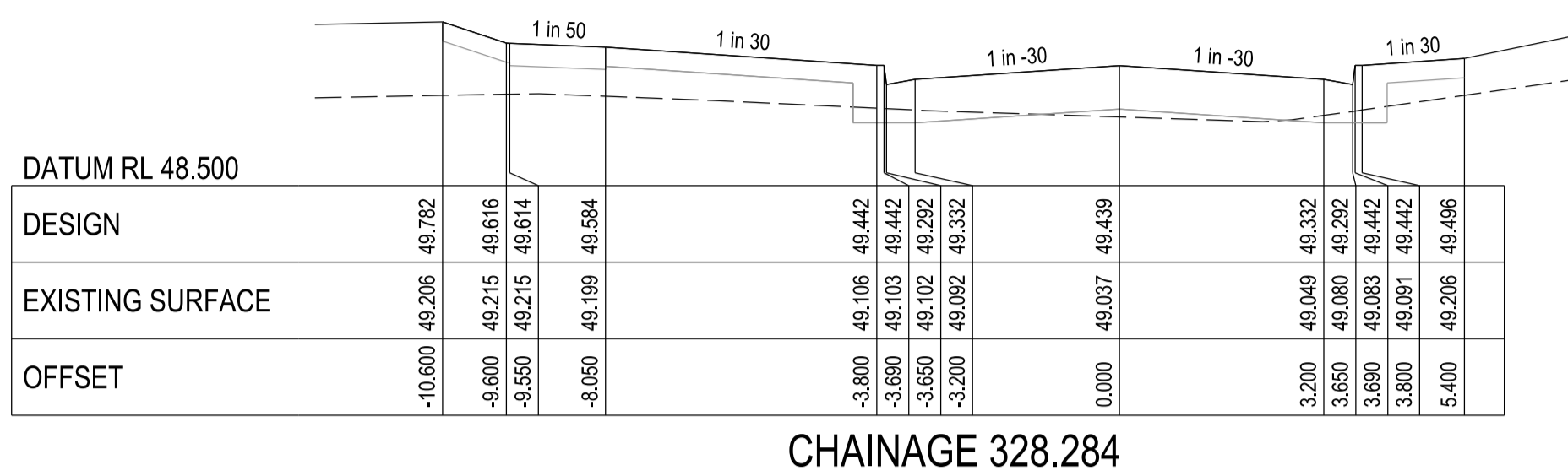
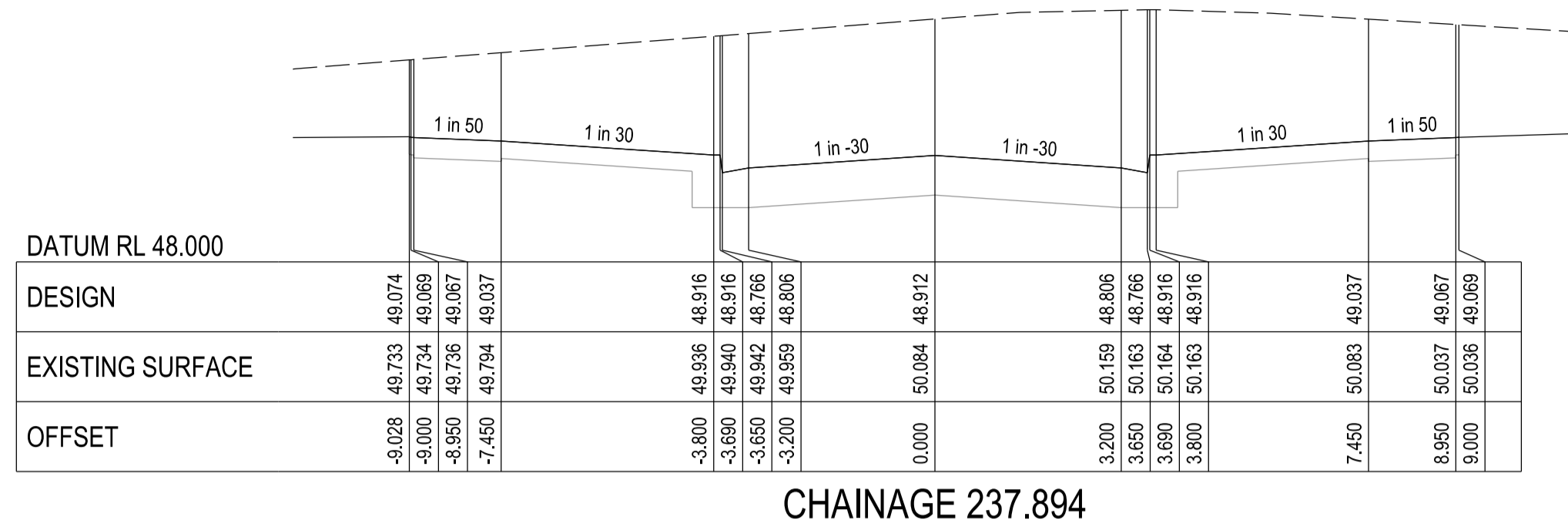
DRAWN: L.ZHENG	DATE: 25/02/2020	SCALE: AS SHOWN
DESIGNED: M.LERNER	DATE: 25/02/2020	DATE PRINTED: 2/10/2020
AUTHORISED: T.SMITH	DATE: 25/02/2020	



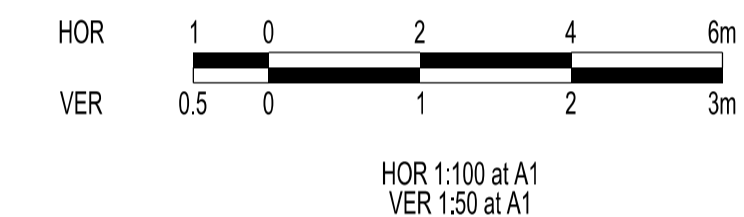
COUNCIL: CITY OF CASEY
 TITLE: No. 3 JUNCTION VILLAGE PTY LTD
 THE JUNCTION - STAGE 1
 45 CRAIG ROAD, JUNCTION VILLAGE

BOWER VINE ROAD CROSS SECTIONS 1

DRG NO. 1432_1/R08	REV. D	SHEET 08 OF 15
--------------------	--------	----------------



City of Casey
 Approved By: Khurshedul Alam
 File No: SEhg00174/18 & PInA00387/17
 Date: 2/10/2020
 Subject to:
 Approval of an EMP before any works start on site
DRAWING NO: R5483



VERSION DETAILS:			
REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME:	P:\1432\1432_1E\2 - Design\6 - DGN\R09.dgn		
DRAWN:	L.ZHENG	DATE:	25/02/2020
DESIGNED:	M.LERNER	DATE:	25/02/2020
AUTHORISED:	T.SMITH	DATE:	25/02/2020
SCALE:	AS SHOWN		
DATE PRINTED:	2/10/2020		

CHARLTON DEGG
 LAND DEVELOPMENT CONSULTANTS
 SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
 www.charltondegg.com.au

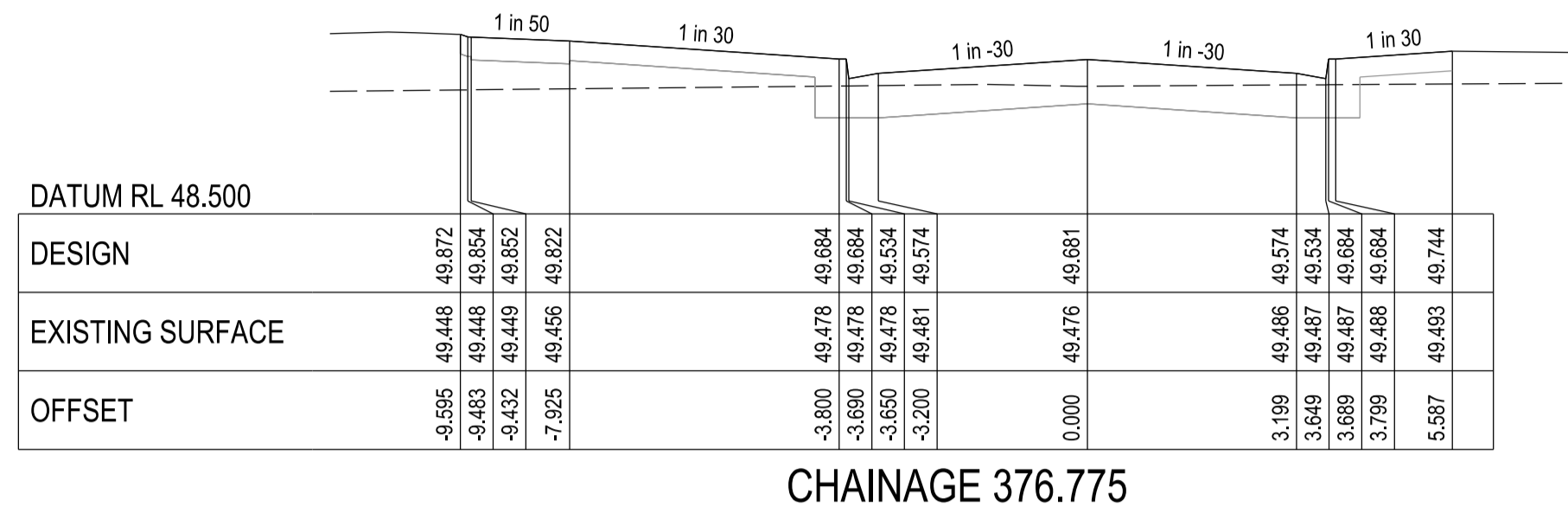
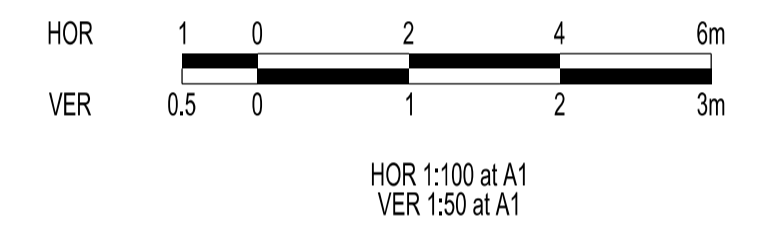
COUNCIL:
CITY OF CASEY

TITLE:
**No. 3 JUNCTION VILLAGE PTY LTD
 THE JUNCTION - STAGE 1
 45 CRAIG ROAD, JUNCTION VILLAGE**

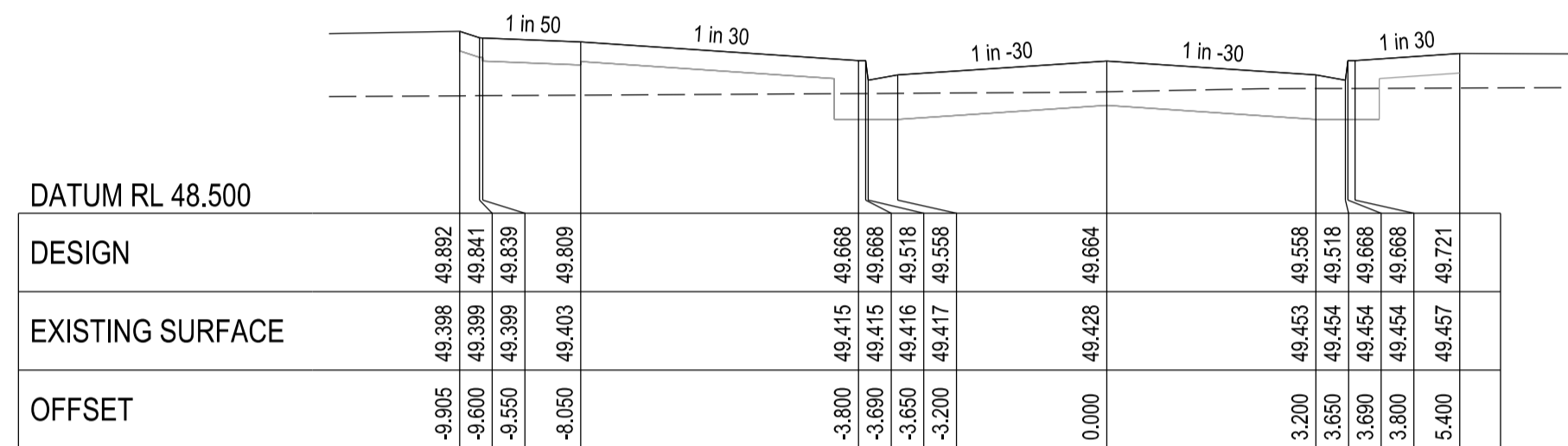
BOWER VINE ROAD CROSS SECTIONS 2

DRG NO. 1432_1/R09	REV. D	SHEET 09 OF 15
-----------------------	-----------	----------------

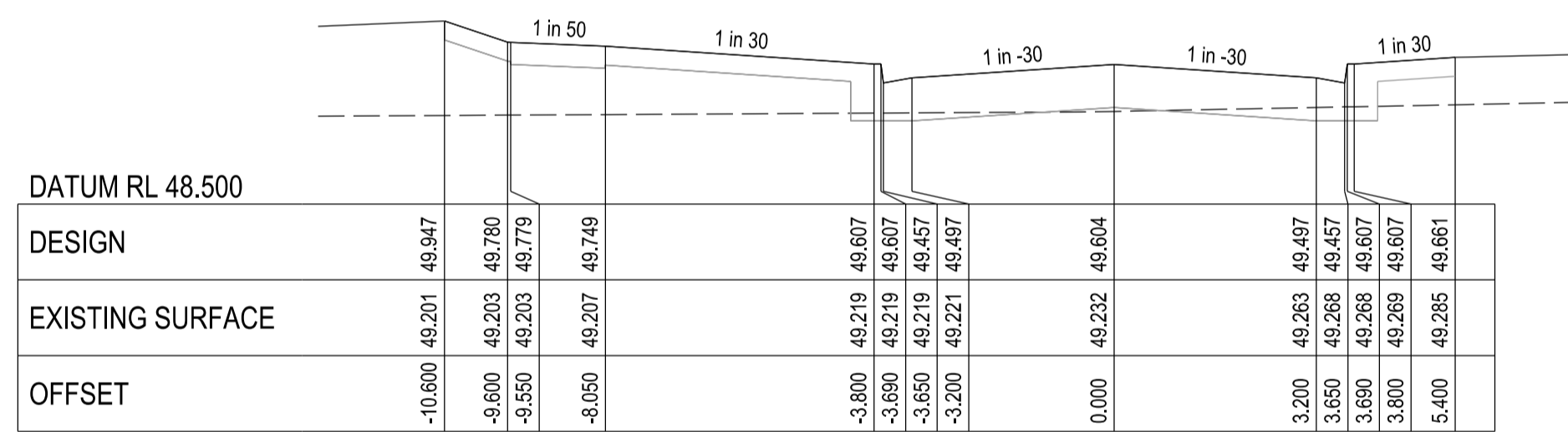
City of Casey
 Approved By: Khurshedul Alam
 File No: SEng00174/18 & PinA00387/17
 Date: 2/10/2020
 Subject to:
 Approval of an EMP before any works start on site
DRAWING NO: R5483



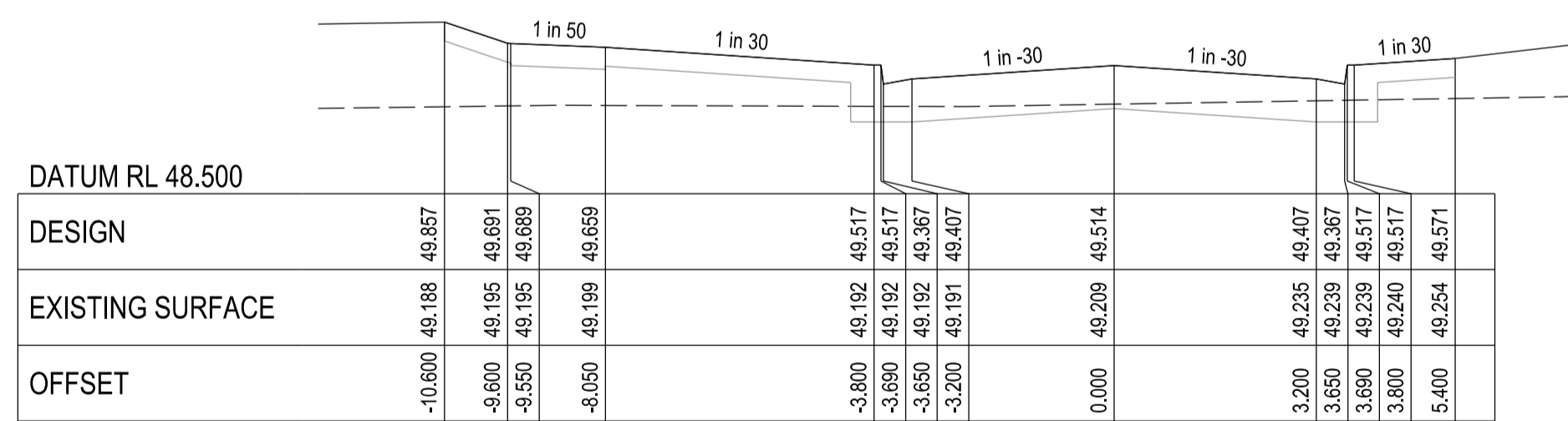
CHAINAGE 376.775



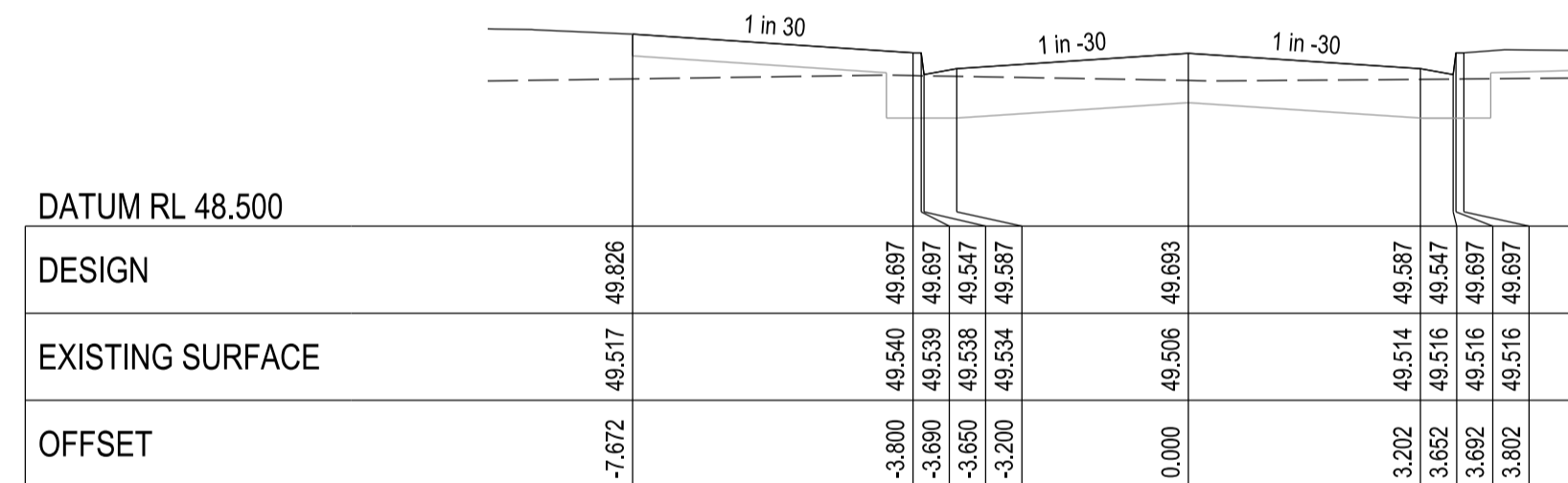
CHAINAGE 373.416



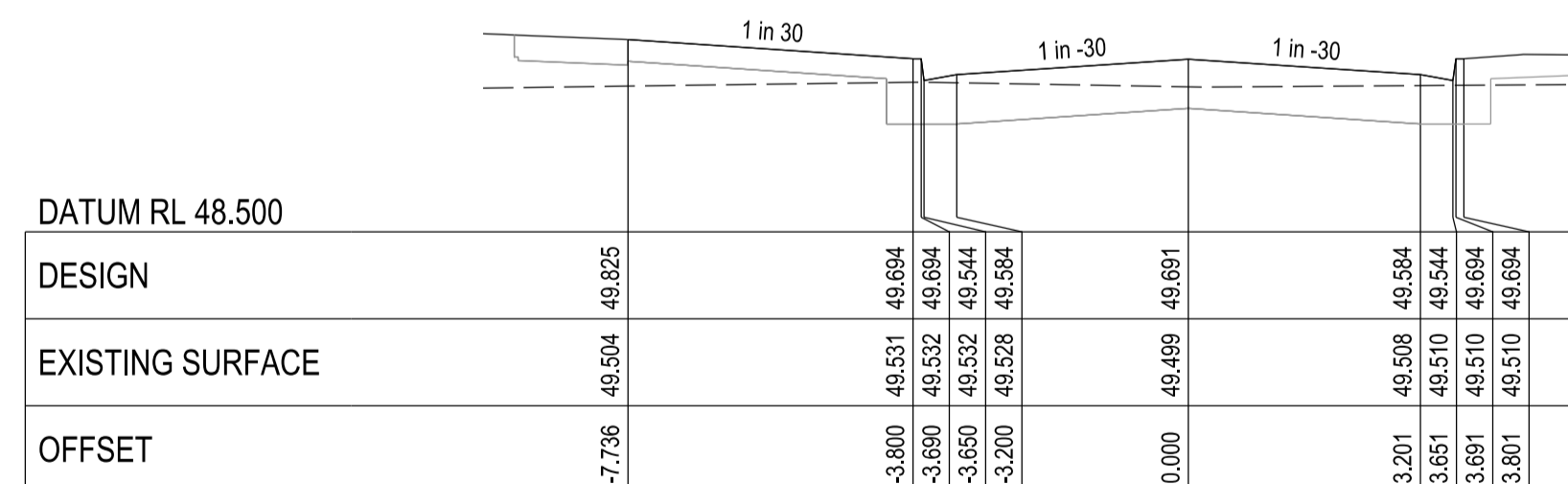
CHAINAGE 361.305



CHAINAGE 343.305



CHAINAGE 379.245



CHAINAGE 378.733

VERSION DETAILS:			
REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME:	P:\1432\1432_1\1E12 - Design\6 - DGN\10.dgn		
DRAWN:	L.ZHENG	DATE:	25/02/2020
DESIGNED:	M.LERNER	DATE:	25/02/2020
AUTHORISED:	T.SMITH	DATE:	25/02/2020

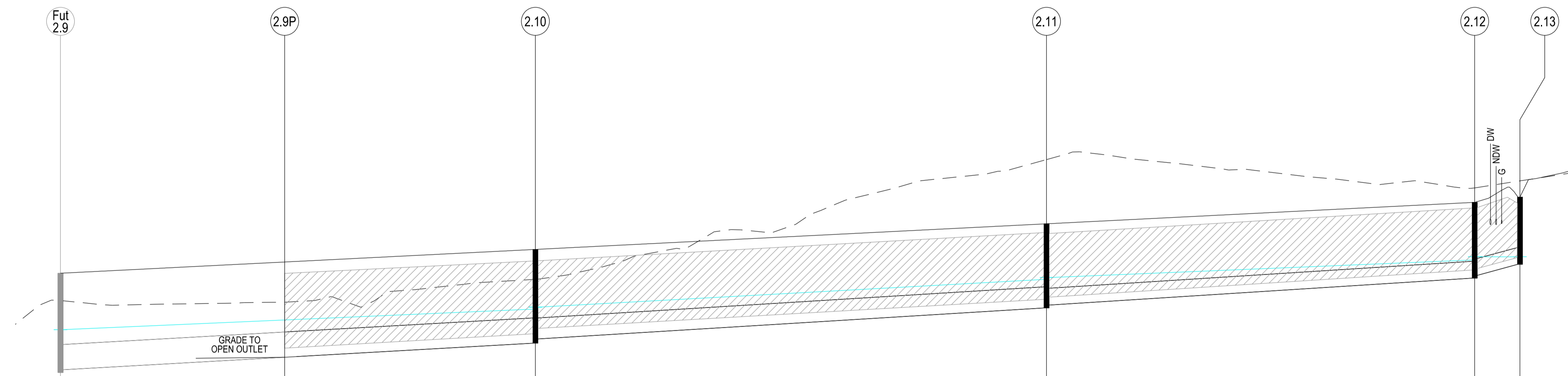
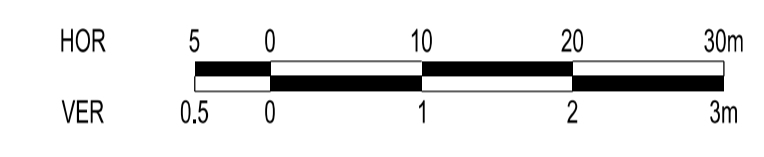
CHARLTON DEGG
 LAND DEVELOPMENT CONSULTANTS
 SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930
 www.charltondegg.com.au

COUNCIL:	CITY OF CASEY		
TITLE:	No. 3 JUNCTION VILLAGE PTY LTD THE JUNCTION - STAGE 1 45 CRAIG ROAD, JUNCTION VILLAGE		
BOWER VINE ROAD CROSS SECTIONS 3			
DRG NO.	1432_1/R10	REV.	D
			SHEET 10 OF 15

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

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.

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



LEGEND
FCR BACKFILL

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

DATUM RL	41.00								
COVER (& NATURAL SURFACE) LEVEL (- - - - -)	48.013 (47.527)	48.213	48.437 (47.904)	48.893 (50.038)	49.275 (48.533)	49.370 (49.658)			
DEPTH TO INVERT	1.770 1.720	1.697	1.670 1.595	1.498 1.448	1.350 1.300	1.200			
HYDRAULIC GRADE LINE	46.960 47.007		47.373 47.409	47.901 47.936	48.247 48.306	48.304 48.307			
INVERT LEVEL	46.243 46.293	46.516 46.516	46.796 46.841	47.395 47.445	47.925 47.975	48.170			
PIPE CHAINAGE	116.838	156.841	201.590	292.791	396.193	377.266			
		(84.742)		(91.211)		(76.402)			(8.073)

VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME: P:\1432\1432_1\E12 - Design\6 - DGN\11.dgn

DRAWN: L.ZHENG	DATE: 25/02/2020	SCALE: AS SHOWN
DESIGNED: M.LERNER	DATE: 25/02/2020	DATE PRINTED: 2/10/2020
AUTHORISED: T.SMITH	DATE: 25/02/2020	



City of Casey
Approved By: Khurshedul Alam
File No: SEng00174/18 & PinA00387/17
Date: 2/10/2020
Subject: Approval of an EMP before any works start on site
DRAWING NO: R5483

COUNCIL: CITY OF CASEY

TITLE: No. 3 JUNCTION VILLAGE PTY LTD
THE JUNCTION - STAGE 1
45 CRAIG ROAD, JUNCTION VILLAGE

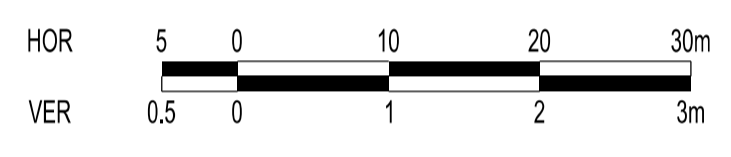
DRAINAGE LONGITUDINAL SECTIONS 1

DRG NO. 1432_1/R11	REV. D	SHEET 11 OF 15
--------------------	--------	----------------

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

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.

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



LEGEND
FCR BACKFILL

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

DATUM RL	COVER (& NATURAL SURFACE) LEVEL	DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	PIPE CHAINAGE
40.00	48.437 (47.904)	1.670	47.373	46.766	0.000
	48.437 (48.022)	1.522	47.409	46.815	8.500
		1.408	47.411	47.026	
			47.433		

DATUM RL	COVER (& NATURAL SURFACE) LEVEL	DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	PIPE CHAINAGE
42.00	48.883 (50.038)	1.468	47.901	47.395	0.000
	48.888 (49.593)	1.448	47.936	47.445	8.350
		1.360	47.938	47.528	
			47.953		

DATUM RL	COVER (& NATURAL SURFACE) LEVEL	DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	PIPE CHAINAGE
42.00	49.275 (49.533)	1.350	48.247	47.925	0.000
	49.275 (49.368)	1.300	48.306	47.975	8.500
		1.215	48.306	48.060	
			48.319		

DATUM RL	COVER (& NATURAL SURFACE) LEVEL	DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	PIPE CHAINAGE
42.00	49.888 (49.758)	1.568	48.150	48.100	0.000
	49.715 (49.551)	1.497	48.256	48.218	11.452
		1.447	48.293	48.268	20.000
		1.366	48.372	48.345	
		1.316	48.395	48.365	42.297
		0.739	48.674	48.674	

DATUM RL	COVER (& NATURAL SURFACE) LEVEL	DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	PIPE CHAINAGE
40.00	46.989 (47.214)	1.653	46.082	45.346	0.000
					34.972
					35.872
					45.897
					46.331
					47.386

City of Casey
Approved By: Khurshedul Alam
File No: SENg00174/18 & PinA00387/17
Date: 2/10/2020
Subject to:
Approval of an EMP before any works start on site
DRAWING NO: R5483

VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME:	P:\1432\1432_1\1E2 - Design\6 - DGN\12.dgn
DRAWN:	L.ZHENG
DATE:	25/02/2020
DESIGNED:	M.LERNER
DATE:	25/02/2020
AUTHORISED:	T.SMITH
DATE:	25/02/2020



COUNCIL:
CITY OF CASEY

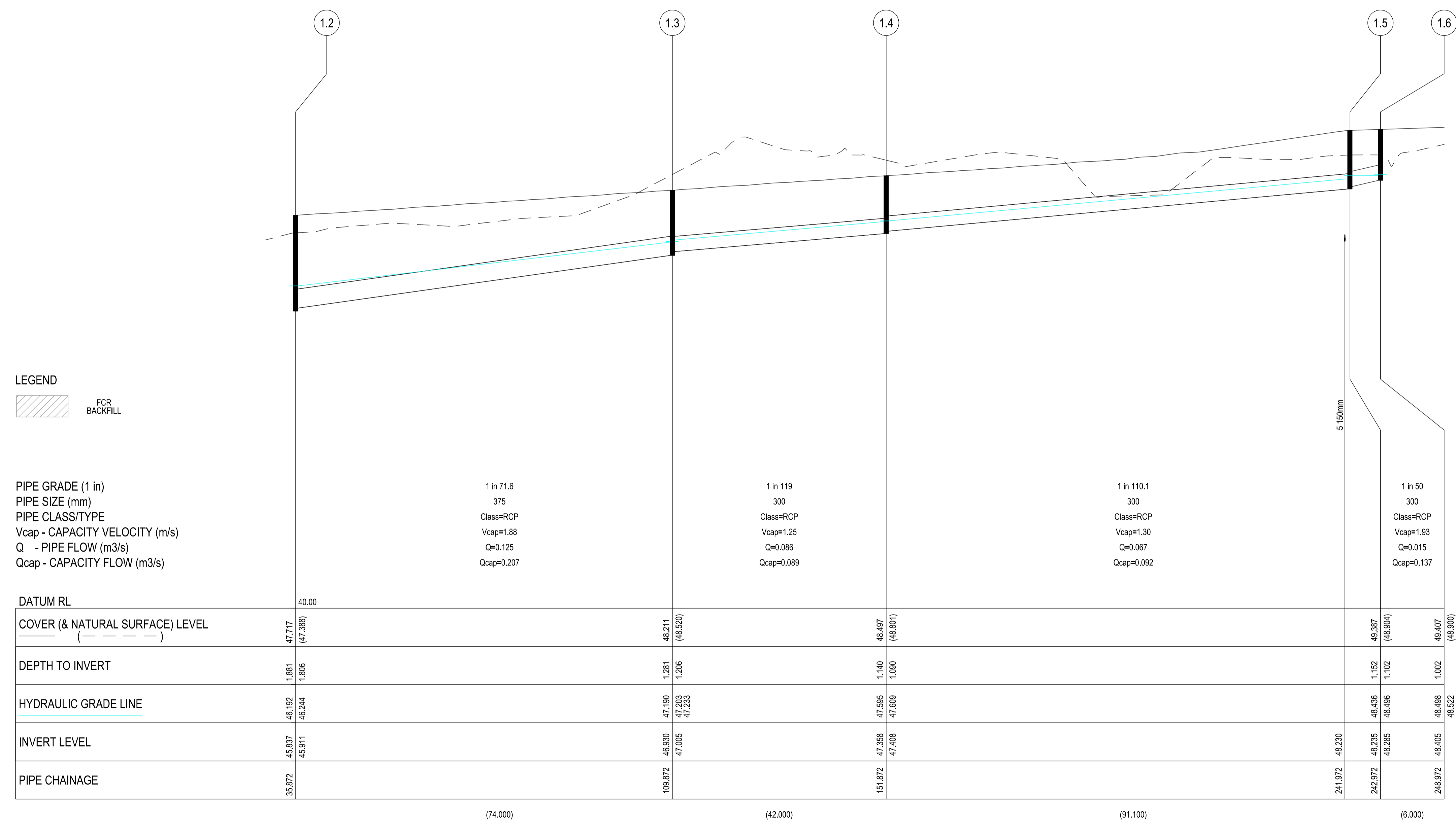
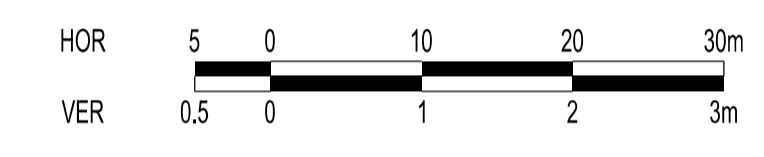
TITLE:
**No. 3 JUNCTION VILLAGE PTY LTD
THE JUNCTION - STAGE 1
45 CRAIG ROAD, JUNCTION VILLAGE**

DRAINAGE LONGITUDINAL SECTIONS 2

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

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.

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



LEGEND
FOR BACKFILL

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

	1.2	1.3	1.4	1.5	1.6
DATUM RL	40.00				
COVER (& NATURAL SURFACE) LEVEL (---)	47.717 (47.368)	48.211 (48.520)	48.497 (48.801)	49.387 (48.904)	49.407 (48.900)
DEPTH TO INVERT	1.881 1.206	1.281 1.206	1.140 1.090	1.152 1.102	1.002
HYDRAULIC GRADE LINE	46.192 46.244	47.190 47.203 47.233	47.595 47.609	48.436 48.496	48.498 48.522
INVERT LEVEL	45.837 46.511	46.930 47.005	47.598 47.408	48.230 48.235 48.285	48.405
PIPE CHAINAGE	35.872	109.872	151.872	241.972	248.972
	(74.000)	(42.000)	(91.100)	(6.000)	

VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME: P:\1432\1432_1\1E12 - Design\6 - DGN\13.dgn

DRAWN: L.ZHENG DATE: 25/02/2020 SCALE: AS SHOWN

DESIGNED: M.LERNER DATE: 25/02/2020 DATE PRINTED: 2/10/2020

AUTHORISED: T.SMITH DATE: 25/02/2020

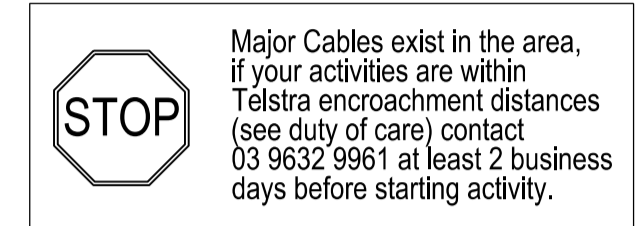


COUNCIL: CITY OF CASEY

TITLE: No. 3 JUNCTION VILLAGE PTY LTD
THE JUNCTION - STAGE 1
45 CRAIG ROAD, JUNCTION VILLAGE

DRAINAGE LONGITUDINAL SECTIONS 3

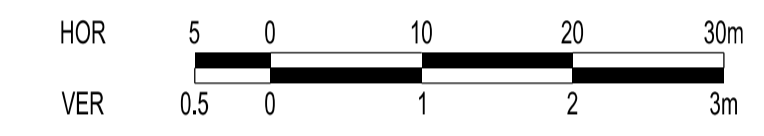
City of Casey
Approved By: Khurshedul Alam
File No: SEng00174/18 & PinA00387/17
Date: 2/10/2020
Subject to:
Approval of an EMP before any works start on site
DRAWING NO: R5483



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.

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



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

PIT SCHEDULE

Pit Name	TYPE	EASTING	NORTHING	INTERNAL WD	LEN	INLET DIA	INV LEV	OUTLET DIA	INV LEV	PIT SETOUT RL	DEPTH	REMARKS
1.6	JP	49718.972	77264.182	600	900			300	48.405	49.407	1.002	EDCM 605
1.5	JP	49718.198	77258.232	600	900	300	48.285	300	48.235	49.387	1.152	EDCM 605
1.4	JP	49808.535	77246.473	600	900	300	47.408	300	47.358	48.497	1.14	EDCM 605
1.3	JP	49850.184	77241.051	600	900	300	47.005	375	46.93	48.211	1.281	EDCM 605
1.2	JP	49923.565	77231.499	600	900	375	45.897	375	45.846	47.676	1.83	EDCM 605
1.1	JP	49918.934	77195.927			375	45.346			46.999	1.653	Existing Pit
2.13	GP	49679.483	77309.438	600	900			300	48.17	49.37	1.2	EDCM 605 w Grate
2.12	GSEP	49683.349	77302.35	600	900	300	47.975	300	47.925	49.275	1.35	EDCM 601
						300	47.975			49.275	1.35	Line 9 Enters
2.11	GSEP	49759.112	77292.488	600	900	300	47.445	375	47.395	48.893	1.498	EDCM 601
						300	47.445			48.893	1.498	Line 7 Enters
2.10	GSEP	49849.559	77280.714	600	900	375	46.841	450	46.766	48.437	1.67	EDCM 601
						300	46.915			48.437	1.67	Line 6 Enters
Fut2.9	GSEP	49933.592	77269.775	600	900	450	46.293	450	46.243	48.013	1.77	Future Pit
6.1	GSEP	49848.462	77272.285	600	900			300	47.028	48.437	1.408	EDCM 601
7.1	GSEP	49758.034	77284.208	600	900			300	47.528	48.888	1.36	EDCM 601
8.4	GP	49636.588	77239.818	600	900			300	48.674	49.413	0.739	EDCM 605 w Grate
8.3	GSEP	49658.627	77236.435	600	900	300	48.395	300	48.345	49.711	1.366	EDCM 601
8.2	GSEP	49667.155	77235.863	600	900	300	48.268	300	48.218	49.715	1.497	EDCM 601
8.1	Ex GSEP	49675.148	77227.661	600	900	300	48.1			49.688	1.588	Existing Pit
9.1	GSEP	49682.252	77293.921	600	900			300	48.06	49.275	1.215	EDCM 601

NOTES:

- xy setout to pit centre
- setout level to pit cover level
- Pits deeper than 2.5m require either gatic or locking terra firma or fibre glass type pit lids (City of Casey)
- Step Irons to be provided in all pits as per EDCM609
- Pit Remarks - EDCM (MPA Standard Drawings)
- Pit Remarks - SD (Vicroads Standard Drawings)
- Pit Remarks - MW (Melbourne Water Standard Drawings)
- Double Side Entry Pit (Vicroads) to be seperated by 1m pipe length

City of Casey
 Approved By: Khurshedul Alam
 File No: SEng00174/18 & PinA00387/17
 Date: 2/10/2020
 Subject to:
 Approval of an EMP before any works start on site
DRAWING NO: R5483

VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME:	P:\1432\1432_1\E12 - Design\6 - DGN\R14.dgn		
DRAWN:	L.ZHENG	DATE:	25/02/2020
DESIGNED:	M.LERNER	DATE:	25/02/2020
AUTHORISED:	T.SMITH	DATE:	25/02/2020








COUNCIL:
CITY OF CASEY

TITLE:
 No. 3 JUNCTION VILLAGE PTY LTD
 THE JUNCTION - STAGE 1
 45 CRAIG ROAD, JUNCTION VILLAGE


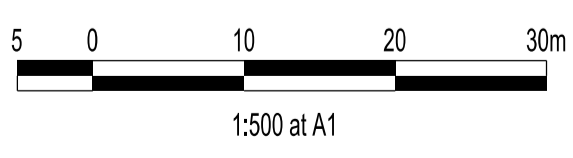
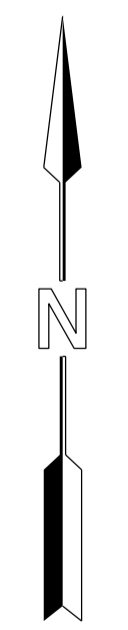
PIT SCHEDULE

SIGNAGE SCHEDULE

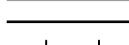
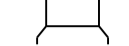
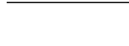

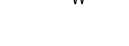
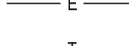
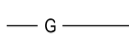
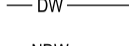
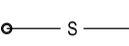








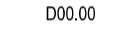






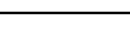
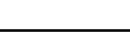

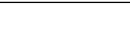
- #1  STREET SIGN AS PER COUNCIL STD
- #2  W5-10
- #3  D4-5
- #4  G9-20
- #5  R1-2

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

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

LEGEND

	FOOTPATH
	VEHICULAR CROSSOVER
	KERB AND CHANNEL
	ELECTRICITY TELECOMMUNICATION } CONDUITS
	GAS DRINKING WATER NON DRINKING WATER } CONDUITS
	ELECTRICITY MAIN
	TELECOMMUNICATION MAIN
	GAS MAIN
	DRINKING WATER MAIN
	NON DRINKING WATER MAIN
	SEWER MAIN, MANHOLE AND MAINTENANCE SHAFT
	PROPOSED DRAINAGE, PIT, HOUSE DRAIN AND PROPERTY INLET
	EXISTING DRAINAGE AND PIT AND FUTURE DRAINAGE AND PIT
	MELBOURNE WATER SCHEME DRAINAGE AND PIT (COUNCIL ASSET)
	MELBOURNE WATER SCHEME DRAINAGE AND PIT (MELBOURNE WATER ASSET)
	DRAINAGE PIT NUMBER
	PROPOSED CUT AREAS
	PROPOSED FILL AREAS
	EXISTING SURFACE LEVEL
	DESIGN SURFACE LEVEL
	TOP OF BATTER LEVEL
	PRE-DEVELOPMENT LEVEL
	STREET NAME SIGN
	LOT SLOPE DIRECTION
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	RETAINING WALLS
	COUNCIL BOLLARDS

VERSION DETAILS:

REV	DATE	DESCRIPTION	STATUS
-	23/03/20	COUNCIL SUBMISSION	PRELIMINARY
A	22/05/20	COUNCIL COMMENTS 21/5/2020	PRELIMINARY
B	05/06/20	TENDER ISSUE	PRELIMINARY
C	02/07/20	MINOR DRAINAGE AMENDMENTS	PRELIMINARY
D	02/10/20	UPDATED PAVEMENT COMPOSITION	PRELIMINARY

FILENAME: P:\1432\1432_1\1E12 - Design\6 - DGN\15.dgn

DRAWN: L.ZHENG	DATE: 25/02/2020	SCALE: AS SHOWN
DESIGNED: M.LERNER	DATE: 25/02/2020	DATE PRINTED: 2/10/2020
AUTHORISED: T.SMITH	DATE: 25/02/2020	



COUNCIL: CITY OF CASEY

TITLE: No. 3 JUNCTION VILLAGE PTY LTD
 THE JUNCTION - STAGE 1
 45 CRAIG ROAD, JUNCTION VILLAGE

SIGN AND LINEMARKING PLAN

DRG NO. 1432_1/R 15	REV. D	SHEET 15 OF 15
---------------------	--------	----------------

City of Casey
 Approved By: Khurshedul Alam
 File No: sEng00174/18 & PlnA00387/17
 Date: 2/10/2020
 Subject to:
 Approval of an EMP before any works start on site
DRAWING NO: R5483