

ALAMORA

STAGE 14

WYNDHAM CITY COUNCIL

NOTES:

- GENERAL:**
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE DRAWINGS, CURRENT COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS AND VPA EDM GUIDELINES TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT & A.S.2124-1992 GENERAL CONDITIONS OF CONTRACT.
 - PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 1985, INCLUDING ALL RELEVANT REGULATIONS, HAVE BEEN ADDRESSED IN PARTICULAR THE REQUIRED NOTIFICATIONS MUST BE CONVEYED TO THE VICTORIAN WORK COVER AUTHORITY - HEALTH AND SAFETY DIVISION WITH RESPECT TO TRENCHING OPERATIONS. DETAILS OF THE CONTRACTORS OCCUPATIONAL HEALTH AND SAFETY PROCEDURES MUST BE LODGED WITH THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF WORKS.
 - THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCING CONSTRUCTION.
 - THE CONTRACTOR SHALL CO-OPERATE WITH OTHER CONTRACTORS AND/OR AUTHORITIES AND SHALL ENSURE THAT ALL SERVICES ARE INSTALLED PRIOR TO THE FINAL PAVEMENT COURSE. THE CONTRACTOR SHALL CHECK WITH THE ENGINEER THE EXACT LOCATION OF ALL PROPOSED SERVICES PRIOR TO THE INSTALLATION OF CONDUITS. ALL WORKS ARE TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
 - THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UNDERGROUND SERVICES PRIOR TO COMMENCING EXCAVATIONS AND THE VARIOUS AUTHORITIES ARE TO BE NOTIFIED. SHOULD ANY EXISTING SERVICES BE DAMAGED DURING CONSTRUCTION WORKS, THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR REPAIRS. ALL COSTS FOR THIS SHALL BE BORNE BY THE CONTRACTOR.
 - PRIOR TO COMMENCING WORK ON TRENCHES IN EXCESS OF 1.50m DEEP, NOTICE OF SUCH PROPOSAL IS TO BE SENT TO THE SECRETARY OF MINERALS AND ENERGY IN ACCORDANCE WITH CLAUSE 202 OF THE MINES (TRENCHES) REGULATIONS 1982. A FOREMAN QUALIFIED AS A MINES MANAGER MUST BE IN ATTENDANCE AT ALL TIMES DURING SUCH EXCAVATION WORKS.
 - THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL NECESSARY SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP THE WORKS IN A SAFE AND STABLE CONDITION TO PROTECT THE PUBLIC FROM THE WORKS. UPON COMPLETION OF CONSTRUCTION, THE WHOLE SITE SHALL BE CLEANED UP & GRADED OVER AND ALL RUBBISH IS TO BE REMOVED. THE SITE IS TO BE LEFT CLEAN & TIDY AND TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
 - UPON COMPLETION OF THE CIVIL WORKS, THE CONTRACTOR SHALL PROVIDE "AS CONSTRUCTED" PLANS IN A D-SPEC AND R-SPEC DIGITAL FORMAT TO COUNCIL'S REQUIREMENTS AND TO THE SATISFACTION OF ALL PARTIES.
 - THE INFRASTRUCTURE MANAGER OR HIS REPRESENTATIVE SHALL BE GIVE ACCESS TO THE SITE AT ALL TIMES. ALL CONSTRUCTION WORKS SHALL BE COMPLETED TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
 - BLASTING REQUIRES BLASTING PERMIT FROM COUNCIL.
 - ANY EXISTING PAVEMENT OR DRAINAGE DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD IS TO BE REINSTATED BY THE CONTRACTOR TO THE SATISFACTION OF THE SUPERINTENDENT.

- SURVEY & SETOUT:**
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
 - PERMANENT SURVEY MARK SKETCH PLANS ARE TO BE PREPARED ESTABLISHING A H.D. LEVELS AND A.M.G. CO-ORDINATES FOR REGISTRATION WITH THE C.P.O. BY A LICENSED SURVEYOR.
 - ALL TBMS 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 CONSULTANT TO ARRANGE REINSTATEMENT AT THE CONTRACTORS EXPENSE.

- EARTHWORKS:**
- EARTHWORKS ARE TO BE PERFORMED IN ACCORDANCE WITH A.S.3798-2007 (GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS). FILLING TO BE CARRIED OUT USING APPROVED CLAY FILL COMPACTED TO 95% AASHO. DAMS AND OPEN CHANNELS TO BE EXCAVATED TO A FIRM BASE TO THE SATISFACTION OF A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO COMMENCEMENT OF FILLING. ALL FILLING MUST COMPLY WITH A.S. 3798-2007 LEVEL 1 AND BE COMPACTED IN 150mm LAYERS. CONTRACTOR TO TAKE LEVELS IN EXISTING DAMS AND CHANNELS PRIOR TO FILLING & LEVELS RECORDED TO BE SUPPLIED TO THE ENGINEER FOR AS CONSTRUCTED PLAN FILLING TO BE CARRIED OUT USING APPROVED MATERIAL. TOPSOIL AND ALL VEGETABLE MATERIAL TO BE STRIPPED FROM FILL SITE PRIOR TO ANY PLACEMENT OF MATERIAL. ALL FILLING TO BE CARRIED OUT IN 150mm LAYERS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY.
 - FILL AREAS TO BE STRIPPED OF TOPSOIL, THEN REPLACED TO OBTAIN FINAL LEVELS AS SHOWN ON THE DRAWINGS. ALL FILLING TO BE COMPACTED AS SPECIFIED.
 - NO TOP SOIL TO BE REMOVED FROM THE SITE WITHOUT THE APPROVAL OF COUNCIL.
 - THE NATURE STRIPS IN CUT OR FILLED AREAS ARE TO BE TOPSOILED WITH 100mm OF APPROVED TOPSOIL MATERIAL. IF THE SOIL ON THE SITE, IS NOT SUITABLE, IT SHALL BE IMPORTED AT THE CONTRACTORS EXPENSE. THE APPROVED TOPSOIL MATERIAL IS TO BE TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
 - ALL ALLOTMENTS TO BE GRADED AT A MINIMUM OF 1 IN 150 TO THE LOW CORNER. UNLESS OTHERWISE SHOWN BATTERS INTO ALLOTMENTS SHALL NOT BE STEEPER THAN 1 IN 6. ALL BATTERS ARE TO BE GRASSED AND MULCHED WITH A MIXTURE OF CHOPPED GRASS, HAY, STRAW AND BITUMINOUS EMULSION. ALL TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
 - FOR THE TERM OF THE CONTRACT PERIOD THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTION TO PREVENT THE EMISSION OF DUST, WHETHER FROM THE OPERATION OF CONSTRUCTION EQUIPMENT OR EXPOSURE OF SOIL TO WINDS.
 - APPROPRIATE SILTATION CONTROL IS TO BE CARRIED OUT DURING CONSTRUCTION AND MAINTENANCE PERIOD.
 - ON COMMENCEMENT OF CONSTRUCTION WORKS THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE EPA PUBLICATION "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL" (PUBLICATION NO. 275).
 - COMPACTION RESULTS OF EASEMENTS TO BE PROVIDED TO COUNCILS CONSTRUCTION ENGINEER.

ROADS:

- ALL DIMENSIONS AND RADII ARE GIVEN TO LIP OF KERBS, CHAINAGES ARE WITH RESPECT TO CENTRE LINE OF ROAD RESERVE, UNLESS OTHERWISE SHOWN.
- ALL PAVEMENT MATERIALS ARE TO BE VICROADS APPROVED MATERIALS.
- PAVEMENT SUB-BASE AND BEDDING TO KERB & CHANNEL IS TO EXTEND 600mm BEHIND BACK OF KERB.
- ALL SERVICES ARE TO BE CONSTRUCTED PRIOR TO PLACEMENT OF CAPPING LAYER UNDER ROADS.
- ALL DRIVEWAYS ARE TO BE 3.5m WIDE AND OFFSET 0.75m FROM THE SIDE BOUNDARY OR EASEMENT, UNLESS OTHERWISE SHOWN - REFER EDM 501 & 502. DRIVEWAY LAYBACK AND WINGS TO BE CONSTRUCTED AS A SINGLE SEGMENT OF CONCRETE.
- ACCESS RAMPS (DRIVEWAYS INTO LOTS) SHOULD HAVE A MAXIMUM GRADE OF 1 IN 10.
- CONCRETE SHALL BE 25 MPa FOR BOTH KERB AND CHANNEL AND FOOTPATH, HAVING A MINIMUM CEMENT CONTENT OF 280kg PER CUBIC METRE.
- FOOTPATHS AND VEHICLE CROSSINGS TO BE DOWELLED AT THE END OF EACH DAY'S POUR OF CONCRETE.
- SIGNS, LINEMARKING AND DELINEATORS ARE TO BE INSTALLED AS APPLICABLE ON ROADS IN ACCORDANCE WITH A.S.1742.2.
- STREET SIGNS ARE TO BE PROVIDED TO THE WYNDHAM CITY COUNCIL STANDARD, INCLUDING THE PROVISION OF LOGOS.
- INSTALL BLUE RAISED REFLECTIVE PAVEMENT MARKER ON ALL ROAD CENTRELINE AND "GROUND BALL" MARKER POST TO INDICATE THE LOCATION OF ALL FIREPLUGS.

DRAINAGE:

- DRAINAGE PIPES SHALL BE RUBBER RING JOINTS REINFORCED CONCRETE CLASS 2, UNLESS OTHERWISE SHOWN.
- ALL PVC STORM WATER DRAINAGE PIPES TO BE SEWER QUALITY PVC.
- NO PVC STORM WATER DRAINAGE PIPES TO BE LAID UNDER ROADS.
- DRAINAGE PIPES AND PITS ARE SET OUT FROM OFFSETS, RATHER THAN FROM CENTRELINE PIPE CHAINAGES. CURVILINEAR DRAINAGE PIPES MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURES GUIDELINES.
- DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN APPROVED BY THE CONTRACTORS ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS.3725-2007, LOADS ON BURIED PIPES.
- PROPERTY INLET PITS ARE TO BE LOCATED 1.00m FROM LOW SIDE BOUNDARY, UNLESS OTHERWISE SHOWN. INVERTS OF PROPERTY INLETS ARE TO BE A MINIMUM OF 400mm BELOW FINISHED SURFACE.
- HOUSE DRAINS ARE TO BE CONNECTED DIRECTLY INTO UNDERGROUND DRAINAGE PIPES OR PITS AND OFFSET FROM SIDE BOUNDARY 5.50m WHERE POSSIBLE AS PER EDM 701. THE LOCATION OF THE HOUSE DRAIN TO BE MARKED AS PER EDM 303. HOUSE DRAIN LEVEL TO BE A MINIMUM 0.4m BELOW THE LOWEST CORNER OF THE LOT.
- ALL DRAINAGE PIPES UNDER ROAD PAVEMENT, DRIVEWAY, FOOTPATH & KERB AND CHANNEL SHALL BE BACKFILLED WITH CLASS 3 F.C.R.
- PRIOR TO THE ISSUE OF STATEMENT OF COMPLIANCE, ALL DRAINS ARE TO BE CCTV TESTED AND THE RESULTS PROVIDED TO COUNCIL.
- SUBSURFACE DRAINS ARE TO BE LAID BEHIND ALL KERB AND CHANNEL AS PER EDM 202.
- WHEN ROADS ARE TRUNCATED AGAINST RISING LAND PENDING DEVELOPMENT OF FUTURE STAGES, TEMPORARY A.G. DRAINS SHALL BE INSTALLED ACROSS THE END OF THE ROAD TO PREVENT SEEPAGE INTO PAVEMENT.

UTILITIES:

- SERVICE CONDUITS ARE TO BE INSTALLED AT THE LOCATIONS SHOWN ON THIS DRAWING. LOCATION OF ALL UNDERGROUND SERVICE CONDUITS TO BE MARKED ON KERB & CHANNEL AS PER EDM 303. SERVICE CONDUITS THAT ARE SUBJECT TO AMENDMENT SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT.
- ALL CONDUIT TRENCHES UNDER ROAD PAVEMENT, DRIVEWAY, FOOTPATH & KERB AND CHANNEL SHALL BE BACKFILLED WITH CLASS 2 F.C.R.
- NBN TO BE NOTIFIED AT LEAST SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
- NBN PITS ARE TO BE CLEAR OF PATHS - WITH THE EXCEPTION OF NEMI PARADE (WEST SIDE).
- LOCATION OF ELECTRICITY AND VUF CONDUITS WILL BE PROVIDED ON SEPARATE DRAWINGS.
- CONCRETE IS TO BE PLACED AROUND ELECTRICAL DISTRIBUTION PITS TO A MINIMUM DEPTH OF 125mm. DISTRIBUTION PITS WITHIN FOOTPATHS ARE TO A MINIMUM OF 300mm WITHIN THE EDGE OF PATH.

VEGETATION:

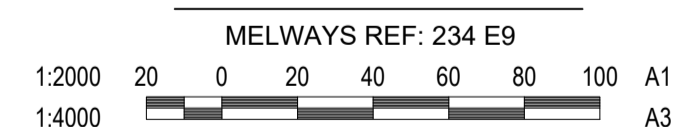
- ALL EXISTING TREES ARE TO BE PROTECTED DURING CONSTRUCTION.
- ANY TREE REMOVAL MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN OR AS DIRECTED ON SITE BY THE LANDSCAPE APPROVALS OFFICER. TREES SHOWN ON THE PLANS ARE TO BE RETAINED AND PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- ALL ROOTS AND DECOMPOSABLE MATERIAL UNDER ROAD PAVEMENTS SHALL BE REMOVED TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
- NO SURPLUS TREES OR VEGETATION ARE TO BE BURNT ON SITE.

STRUCTURAL:

- A BUILDING PERMIT MUST BE OBTAINED FOR ANY STRUCTURE/RETAINING WALL EXCEEDING 1.0m IN HEIGHT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA. COPY OF BUILDING PERMITS AND "CERTIFICATE F COMPLIANCE-CONSTRUCTION" TO BE SUBMITTED TO COUNCIL PRIOR TO STATEMENT OF COMPLIANCE.
- ALL STRUCTURAL WORK MUST BE SUPERVISED BY A QUALIFIED STRUCTURAL ENGINEER.



LOCALITY PLAN



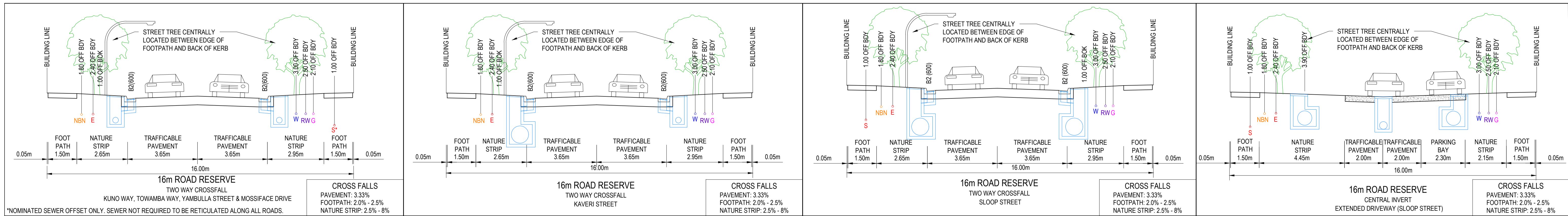
Sheet List Table

Drawing No.	Sheet Title	Revision
R100	COVER SHEET	AC
R200	LAYOUT PLAN	AC
R201	SERVICES PLAN	AC
R202	EARTHWORKS PLAN	AC
R300	INTERSECTION DETAILS - 1	AC
R301	INTERSECTION DETAILS - 2	AC
R302	INTERSECTION DETAILS - 3	AC
R400	ROAD LONGITUDINAL SECTIONS - 1	AC
R401	ROAD LONGITUDINAL SECTIONS - 2	AC
R500	ROAD CROSS SECTION - 1	AC
R501	ROAD CROSS SECTION - 2	AC
R502	ROAD CROSS SECTION - 3	AC
R503	ROAD CROSS SECTION - 4	AC
R504	ROAD CROSS SECTION - 5	AC
R505	ROAD CROSS SECTION - 6	AC
R600	DRAINAGE LONGITUDINAL SECTIONS - 1	AC
R601	DRAINAGE LONGITUDINAL SECTIONS - 2	AC
R602	DRAINAGE LONGITUDINAL SECTIONS - 3	AC
R603	DRAINAGE LONGITUDINAL SECTIONS - 4	AC
R604	DRAINAGE LONGITUDINAL SECTIONS - 5	AC
R605	DRAINAGE PIT SCHEDULE	AC
R700	TYPICAL DETAILS	AC
R701	RAISED PAVEMENT DETAIL	AC
R800	SIGNAGE & LINEMARKING PLAN	AC

NOTE:
THE SITE OF WORKS IS SUBJECT TO THE PROVISIONS OF CULTURAL HERITAGE MANAGEMENT PLAN No.15676. ALL WORKS AND PERSONNEL MUST OBSERVE THE REQUIREMENTS OF THE MANAGEMENT PLAN AT ALL TIMES.

WARNING
Beware of Underground & Overhead Services
THE LOCATIONS OF UNDERGROUND & OVERHEAD SERVICES ARE APPROXIMATE ONLY & THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. LOCATE ALL UNDERGROUND SERVICES BEFORE COMMENCEMENT OF WORKS
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CUSTOMER	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
AC	10/07/24	AS CONSTRUCTED	M.P	M.P	M.T	 Communities Designed for Living	 Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	ALAMORA - STAGE 14 COVER SHEET	AS CONSTRUCTED	1:2000 @ A1	M.PLANT	M.PLANT
1	14/11/23	SLOOP STREET EXTENDED DRIVEWAY	M.P	M.P	M.T					PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P	M.P	M.T					M.TROUNCE	M.TROUNCE	JUNE 2023
B	27/06/23	ISSUED FOR TENDER	M.P	M.P	M.T					PROJECT No.	DRAWING No.	REVISION
A	02/06/23	ISSUED FOR APPROVAL	M.P	M.P	M.T					200282.14	R100	AC



LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET PIT
- EXISTING STORMWATER DRAIN
- SEWER & MAINTENANCE STRUCTURES
- EXISTING SEWER
- EXISTING DRAIN
- TACTILE PAVERS
- EXISTING SURFACE LEVEL
- EXISTING SURFACE LEVEL
- FINISHED SURFACE LEVEL
- DIRECTION OF FALL
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- 0.25m EXISTING CONTOUR
- STORM WATER PIT SETOUT POINT

NOTE: STREET TREE LOCATIONS SHOWN ARE INDICATIVE ONLY. ULTIMATE LOCATION IS TO BE PROVIDED/CONFIRMED BY LANDSCAPE ARCHITECTS

WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
 The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P.	M.P.	M.T.
1	14/11/23	SLOOP STREET EXTENDED DRIVEWAY	M.P.	M.P.	M.T.
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P.	M.P.	M.T.
B	27/06/23	ISSUED FOR TENDER	M.P.	M.P.	M.T.
A	02/06/23	ISSUED FOR APPROVAL	M.P.	M.P.	M.T.

villawood properties
 Communities Designed for Living

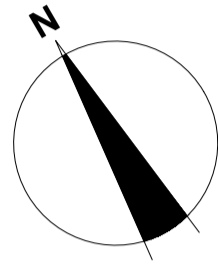
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 Suite 1, 2 Bloombsury Street
 Geelong, VIC, Australia 3220

ALAMORA
parnell

ALAMORA - STAGE 14 LAYOUT PLAN

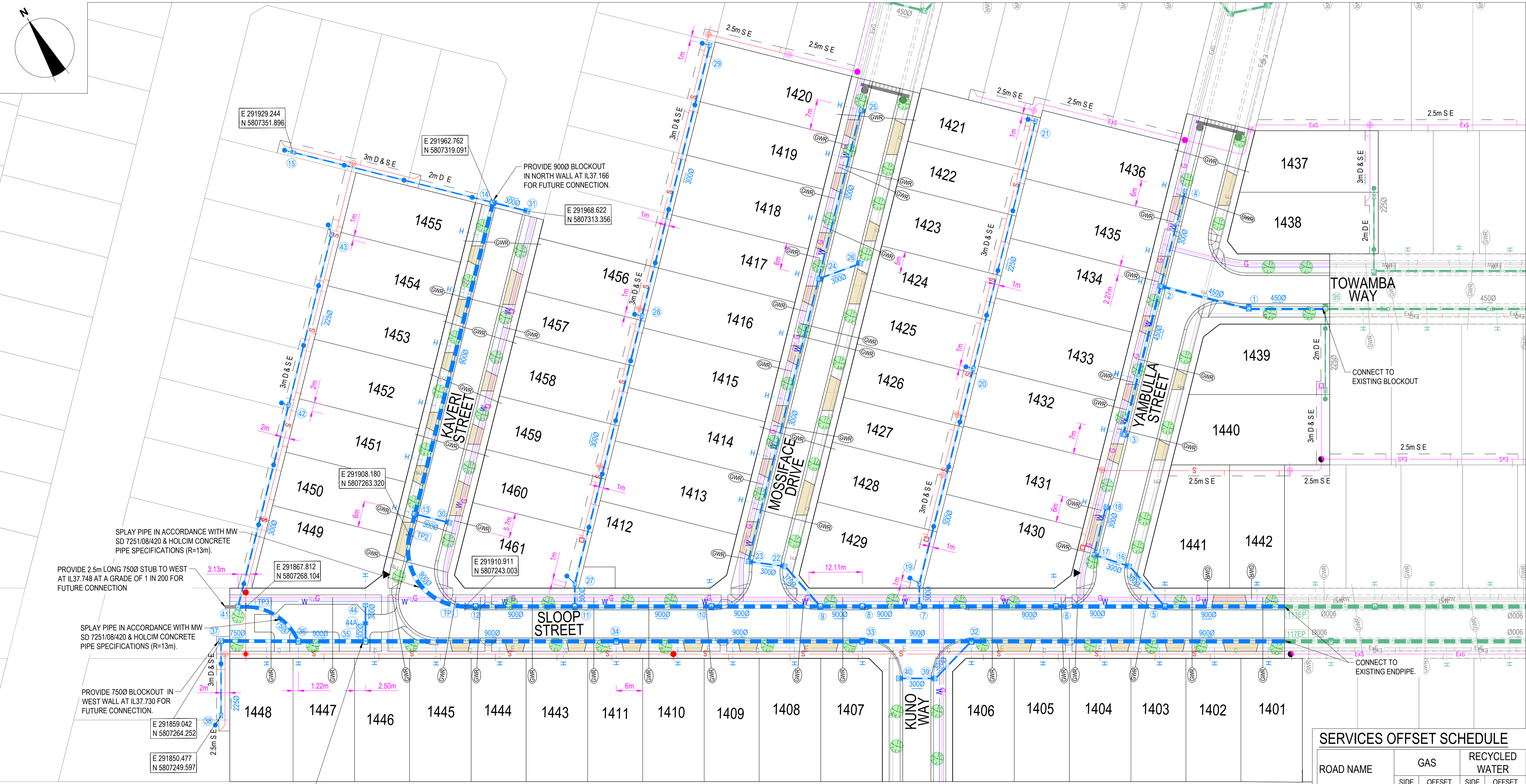
AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
1:500 @ A1	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R200	AC



LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET PIT
- EXISTING STORMWATER DRAIN
- SEWER & MAINTENANCE STRUCTURES
- EXISTING SEWER
- HOUSE DRAIN
- SERVICE CONDUITS
- PROPOSED ELECTRICITY (UNDERGROUND)
- PROPOSED GAS
- PROPOSED OPTIC FIBRE
- PROPOSED TELSTRA
- PROPOSED WATER
- PROPOSED RECYCLED WATER
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- STORM WATER PIT SETOUT POINT



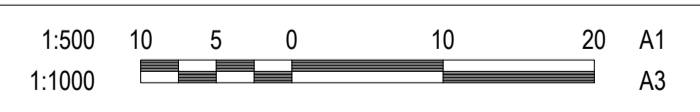
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SERVICES OFFSET SCHEDULE

ROAD NAME	GAS		RECYCLED WATER		POTABLE WATER		OPTIC FIBRE		ELECTRICITY		PUBLIC LIGHTING	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET
SLOOP STREET	N	2.10	N	2.50	N	3.00	S	1.80	S	2.40	S	1.00*
KUNO WAY	E	2.10	E	2.50	E	3.00	W	1.80	W	2.40	W	1.00*
TOWAMBA WAY	N	2.10	N	2.50	N	3.00	S	1.80	S	2.40	S	1.00*
YAMBULLA STREET	W	2.10	W	2.50	W	3.00	E	1.80	E	2.40	E	1.00*
MOSSIFACE DRIVE	W	2.10	W	2.50	W	3.00	E	1.80	E	2.40	E	1.00*
KAVERI STREET	E	2.10	E	2.50	E	3.00	W	1.80	W	2.40	W	1.00*

1. * DENOTES OFFSET FROM BACK OF KERB.



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P.	M.P.	M.T.
1	14/11/23	SLOOP STREET EXTENDED DRIVEWAY	M.P.	M.P.	M.T.
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P.	M.P.	M.T.
B	27/06/23	ISSUED FOR TENDER	M.P.	M.P.	M.T.
A	02/06/23	ISSUED FOR APPROVAL	M.P.	M.P.	M.T.

CLIENT

Communities Designed for Living

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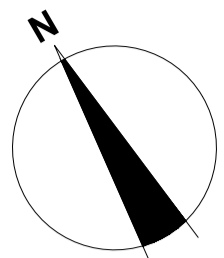
Suite 1, 2 Bloomsbury Street
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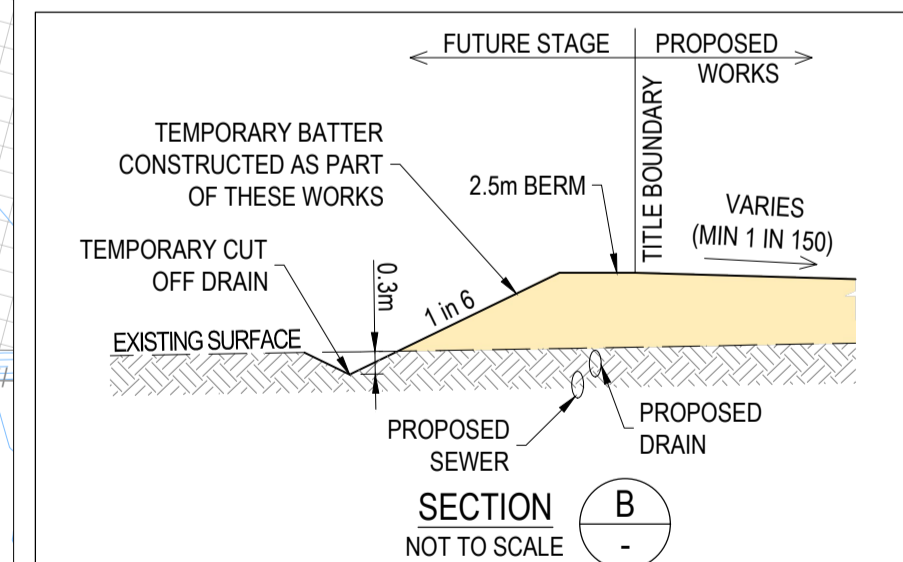
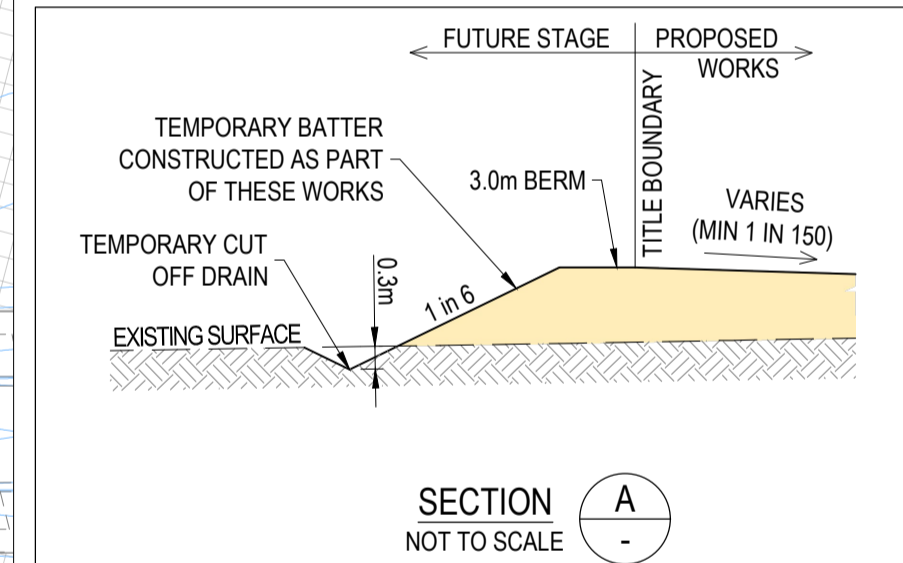
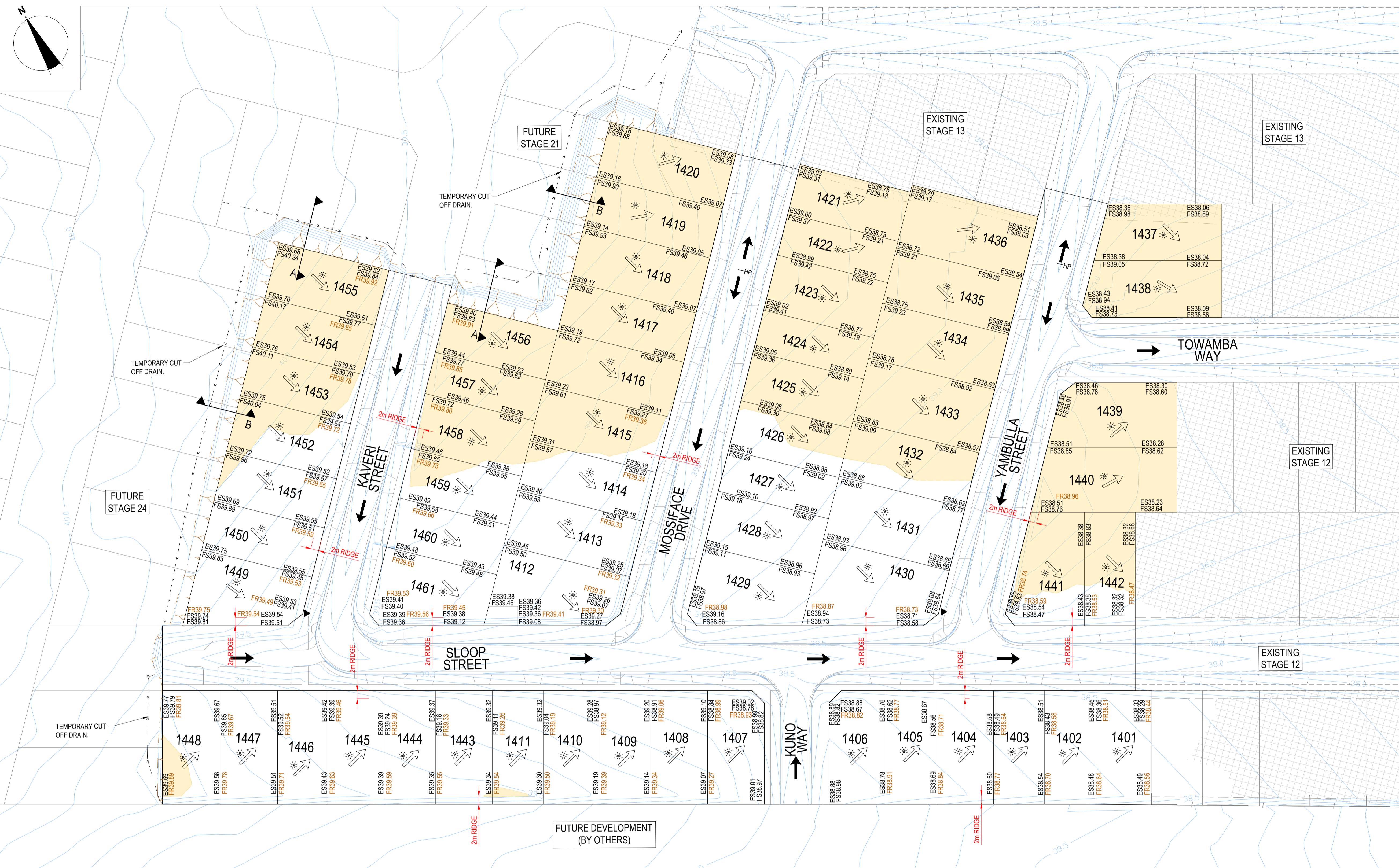
DRAWING TITLE
ALAMORA - STAGE 14 SERVICES PLAN

STATUS
AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
1:500 @ A1	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R201	AC



LEGEND - EARTHWORKS PLAN	
	RIDGE LINE
	TOE OF BATTER
	SWALE DRAIN
ES141.34	EXISTING SURFACE LEVEL
FS140.35	FINISHED BUILDING LINE LEVEL
FR157.40	FINISHED RIDGE LINE LEVEL
BW140.35	BOTTOM OF RETAINING WALL LEVEL
TW157.40	TOP OF RETAINING WALL LEVEL
	EXISTING STRUCTURAL FILL > 200mm DEEP
	STRUCTURAL FILL > 200mm DEEP
	DIRECTION OF FALL
	OVERLAND FLOW
	ALLOTMENT TO BE GRADED EVENLY IN
	DIRECTION OF FALL TO LEVELS INDICATED
	0.10m CONTOUR



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A	02/06/23	ISSUED FOR APPROVAL	M.P.	M.P.	M.T.

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Communities Designed for Living

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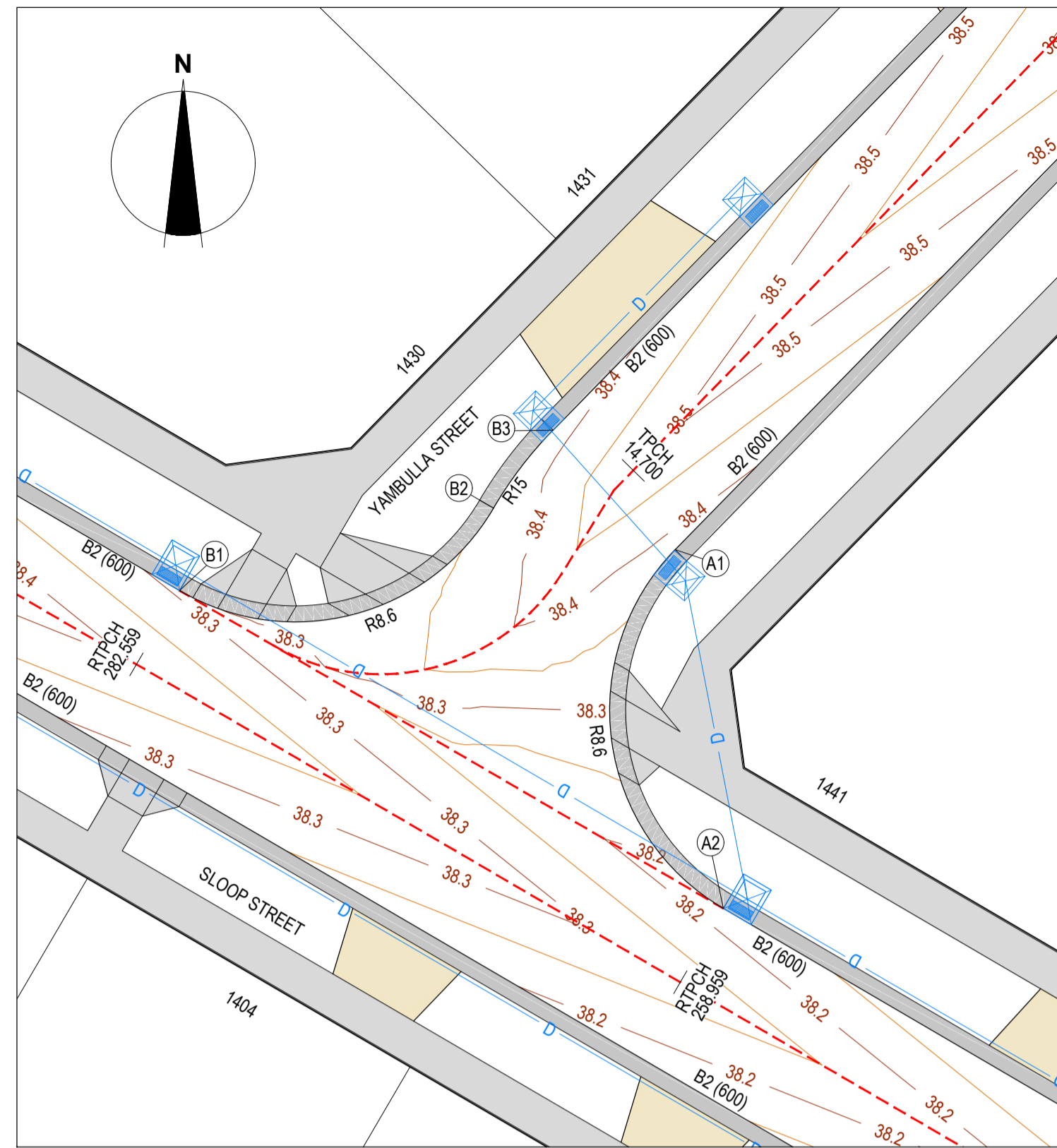
PROJECT

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**ALAMORA - STAGE 14
 EARTHWORKS PLAN**

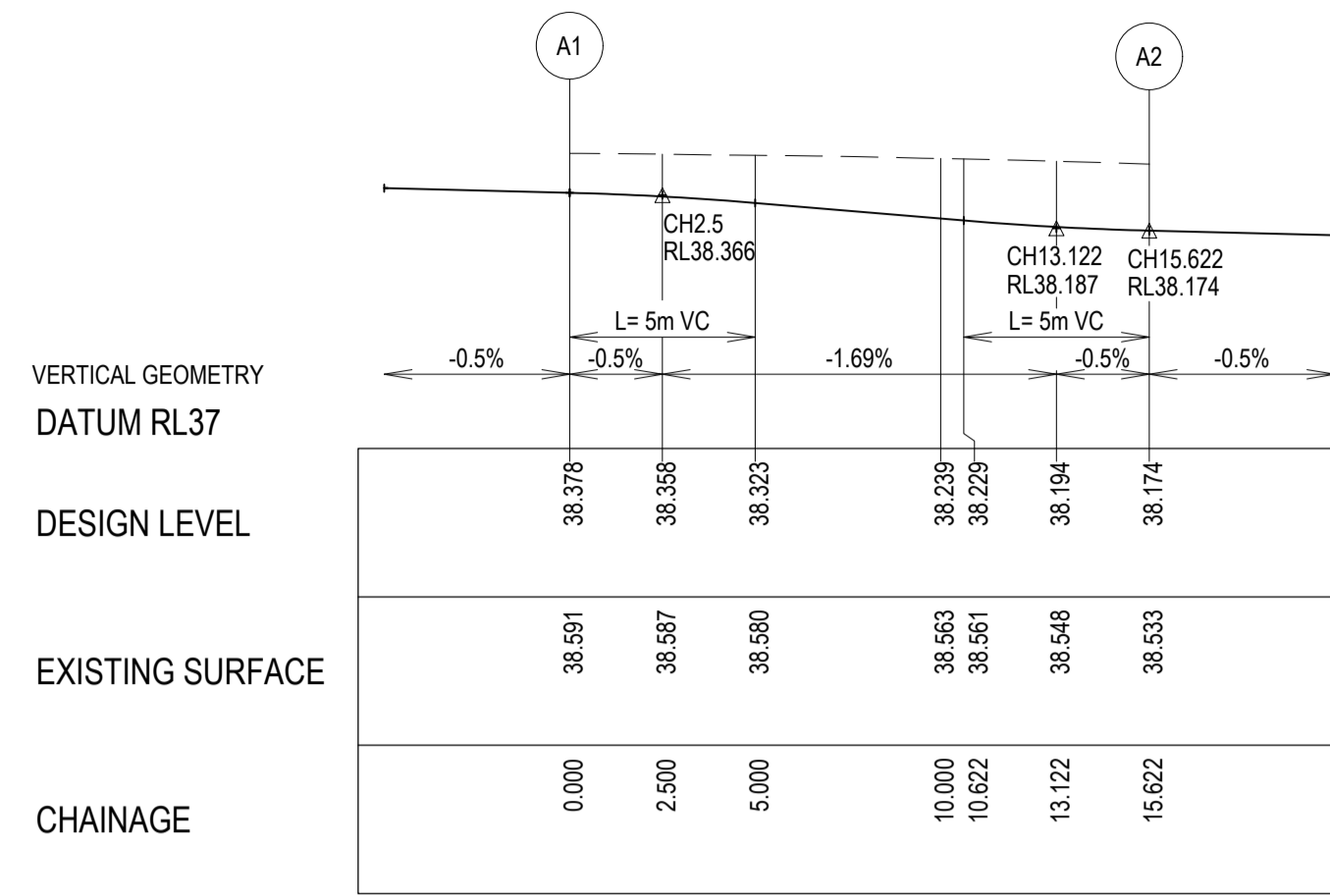
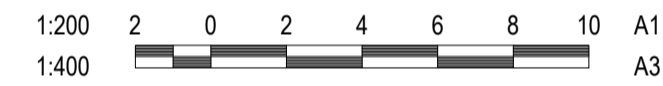
STATUS

AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
1:500 @ A1	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R202	AC



SLOOP STREET & YAMBULA STREET INTERSECTION

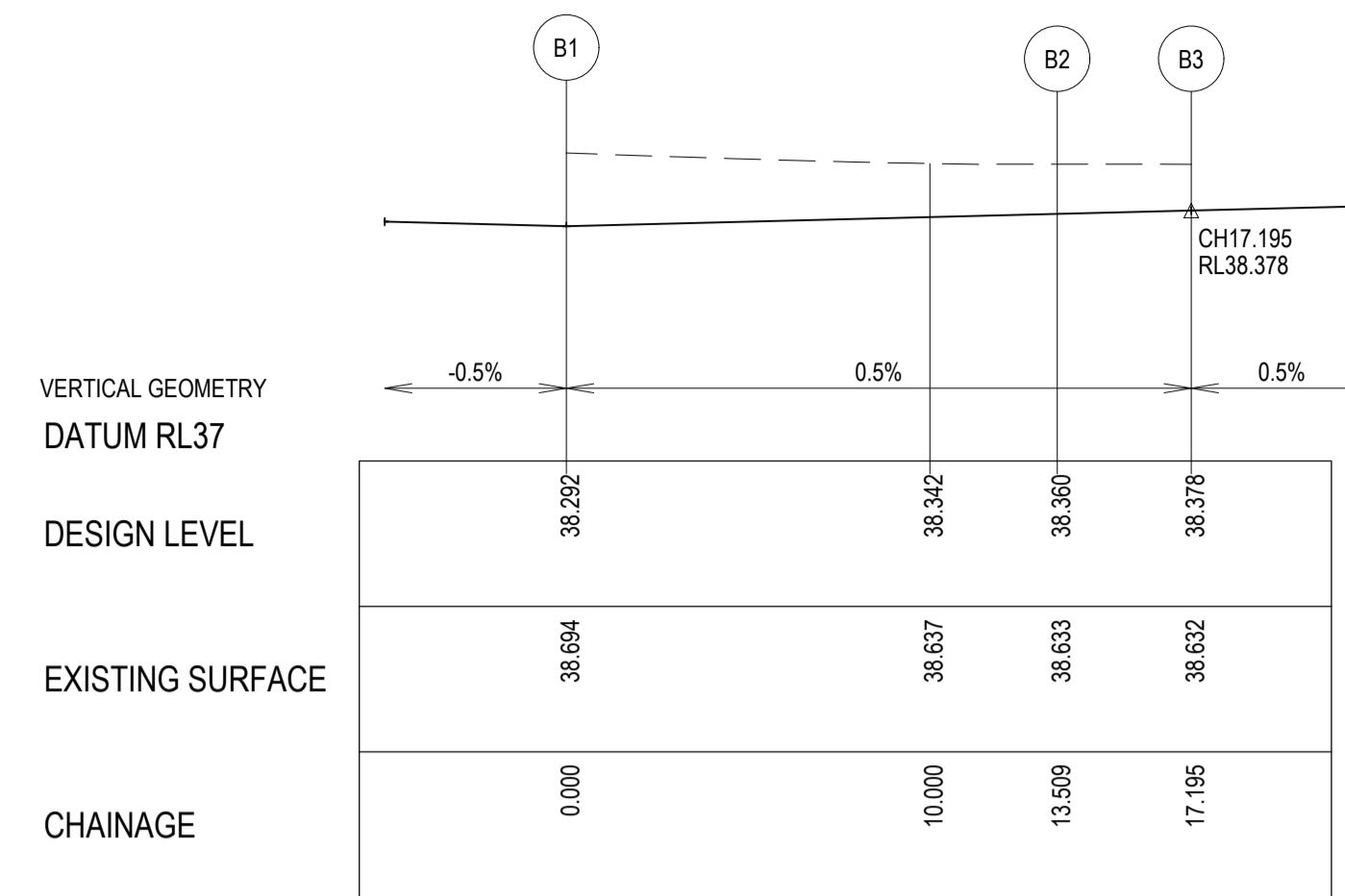


LIP LINE A

ALIGNMENT A

PT NO	EASTING	NORTHING	RL
A1	292045.622	5807175.792	38.376
A2	292047.429	5807162.351	38.174

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
A1 - A2	104.081	8.600	15.622	3.310	2.438	3.773	3.008	3.906	38.276



LIP LINE B

ALIGNMENT B

PT NO	EASTING	NORTHING	RL
B1	292027.063	5807174.259	38.292
B2	292038.818	5807177.345	38.360
B3	292041.048	5807180.268	38.376

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
B1 - B2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	38.326
B2 - B3	14.081	15.000	3.686	0.113	0.085	0.921	0.918	0.922	38.369

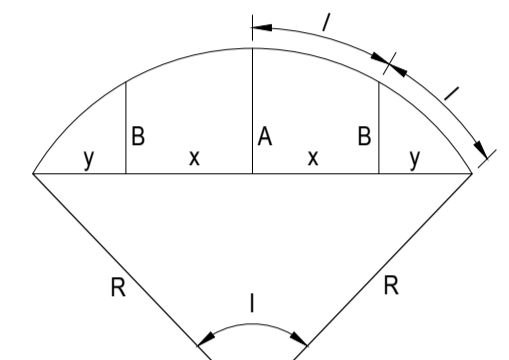
LEGEND - INTERSECTION PLAN

- Stormwater Drain, Pit & Property Inlet
- Major Contour - 0.1m
- Minor Contour - 0.05m
- Crown / Grade Line

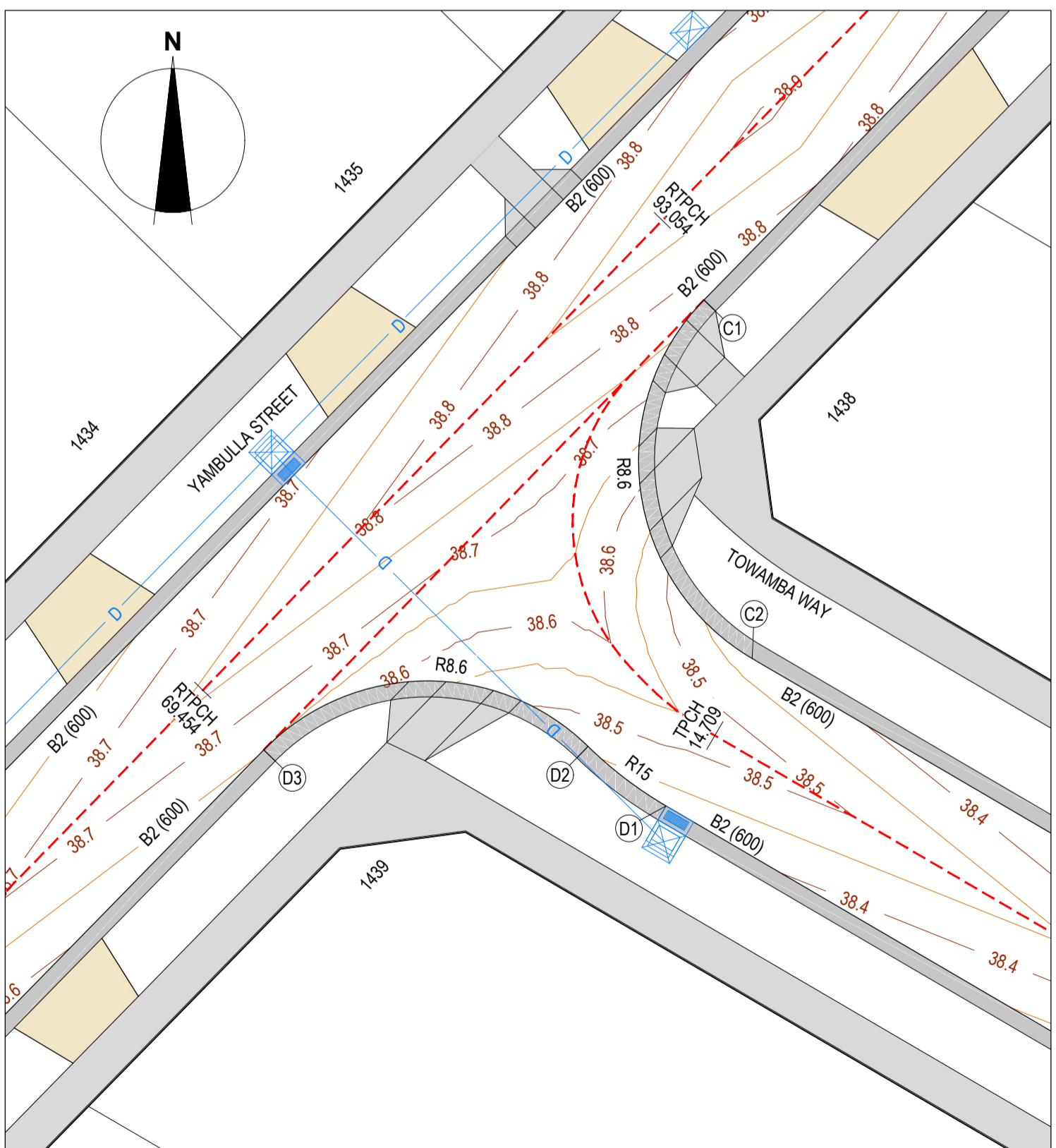
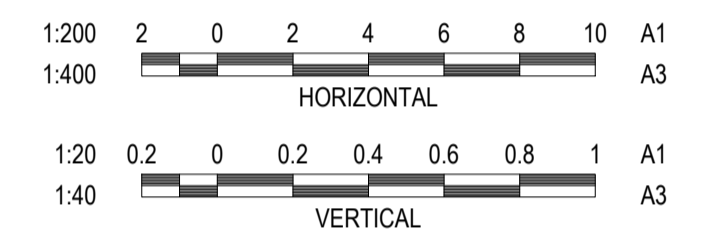
WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
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DIAL 1100 BEFORE YOU DIG
www.1100.com.au

LEGEND

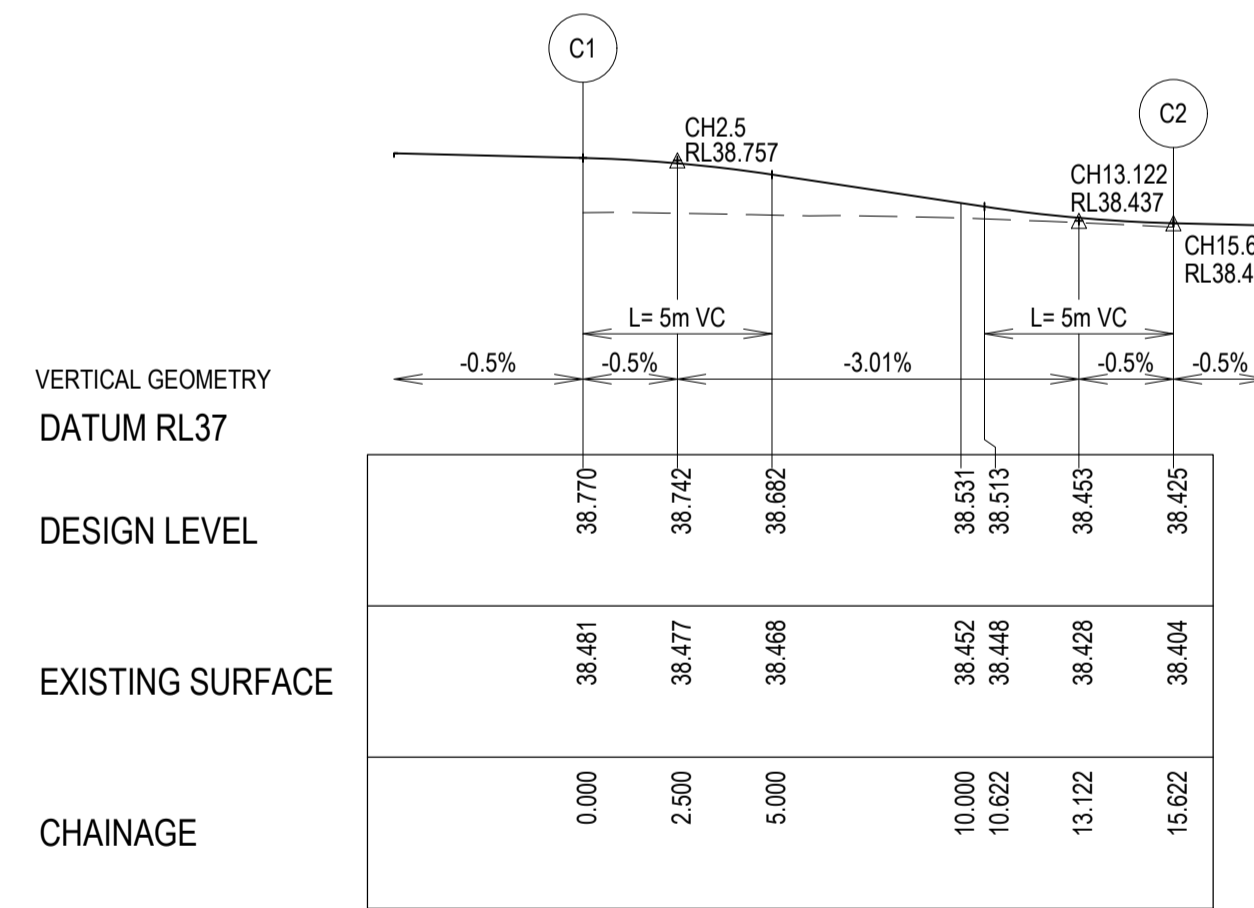
- Existing Surface
- Design Line



LIP PROFILE SETOUT



TOWAMBA WAY & YAMBULA STREET INTERSECTION

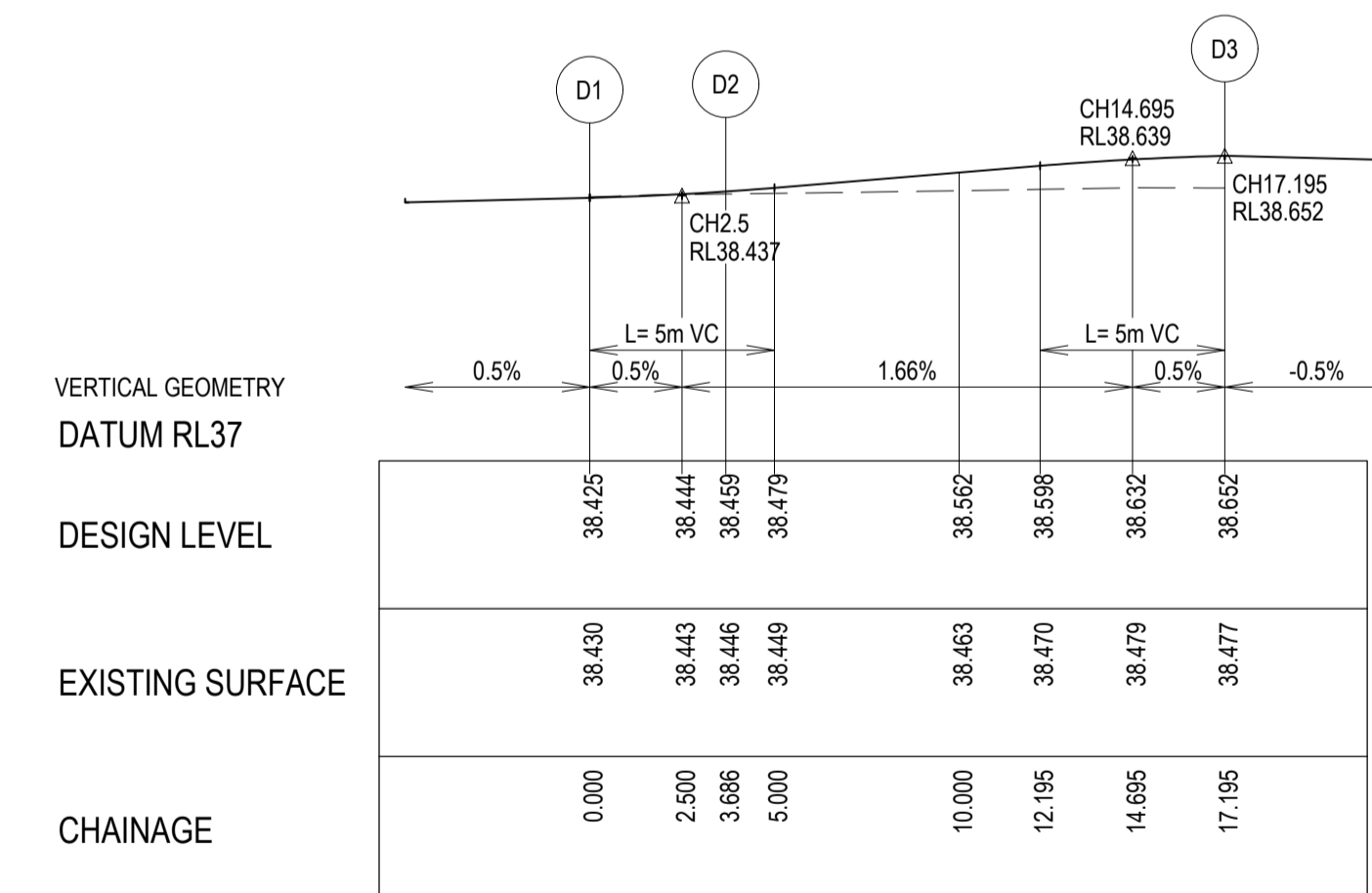


LIP LINE C

ALIGNMENT C

PT NO	EASTING	NORTHING	RL
C1	292100.428	5807231.789	38.770
C2	292102.234	5807218.349	38.425

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
C1 - C2	104.081	8.600	15.622	3.310	2.438	3.773	3.008	3.906	38.597



LIP LINE D

ALIGNMENT D

PT NO	EASTING	NORTHING	RL
D1	292099.005	5807212.824	38.425
D2	292096.082	5807215.054	38.459
D3	292083.920	5807214.923	38.652

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
D1 - D2	14.081	15.000	3.686	0.113	0.085	0.921	0.918	0.922	38.438
D2 - D3	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	38.569

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P.	M.P.	M.T.
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P.	M.P.	M.T.
B	27/06/23	ISSUED FOR TENDER	M.P.	M.P.	M.T.
A	02/06/23	ISSUED FOR APPROVAL	M.P.	M.P.	M.T.

CLIENT

Communities Designed for Living

PROJECT

Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

DRAWING TITLE

ALAMORA - STAGE 14
INTERSECTION DETAILS - 1

STATUS

AS CONSTRUCTED

SCALE AT A1

AS SHOWN

DRAWN

M. PLANT

DESIGNED

M. PLANT

PROJECT ENGINEER

M. TROUNCE

PROJECT MANAGER

M. TROUNCE

DATE FIRST ISSUE

JUNE 2023

PROJECT No.

200282.14

DRAWING No.

R300

REVISION

AC

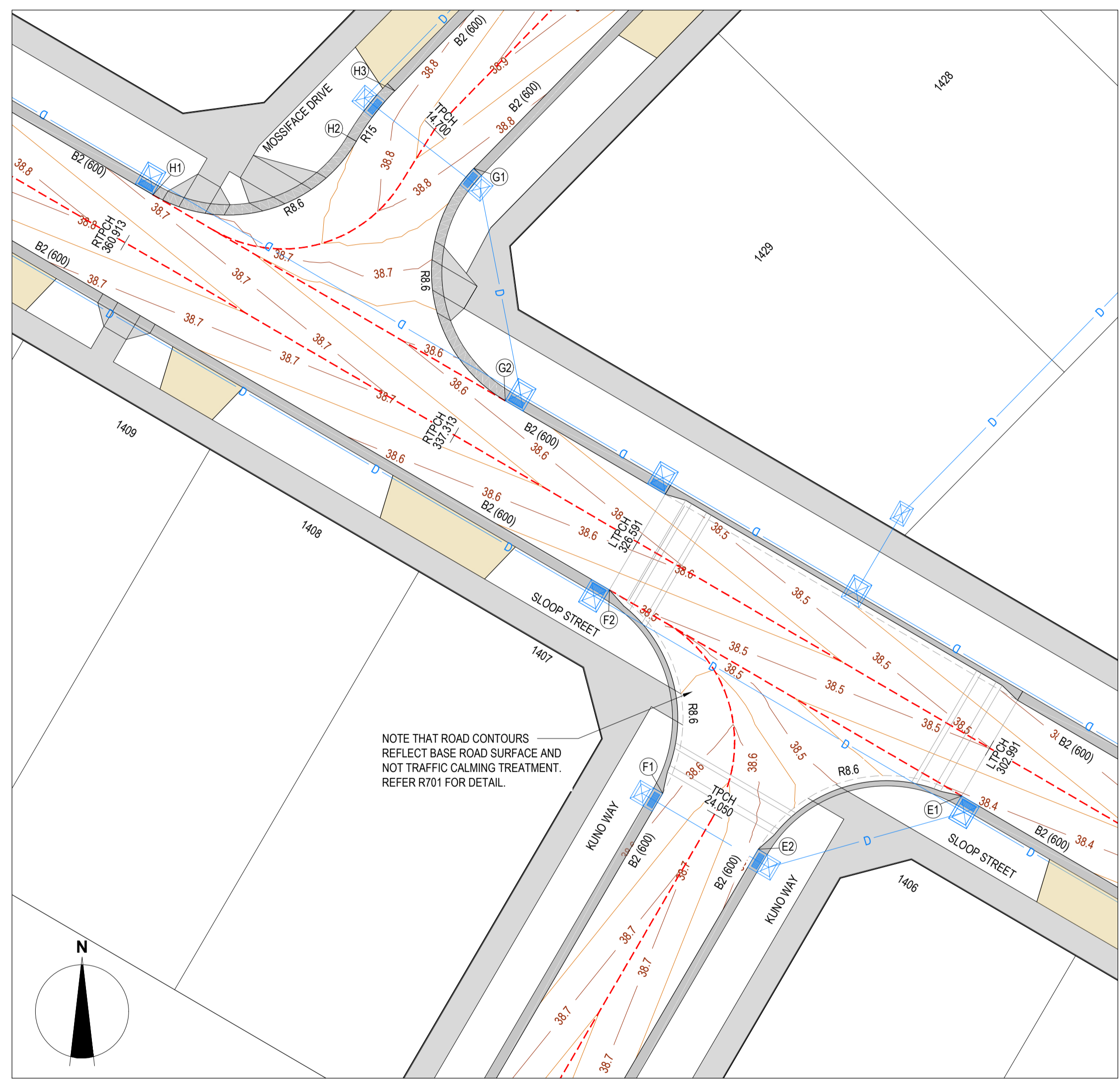
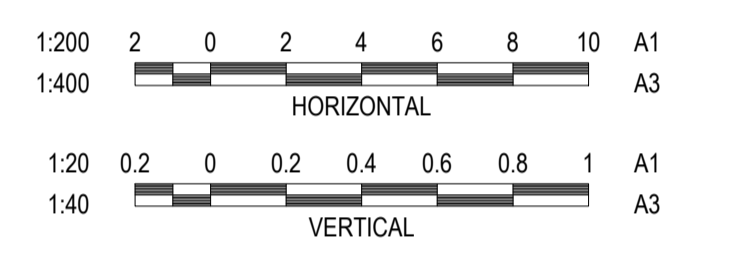
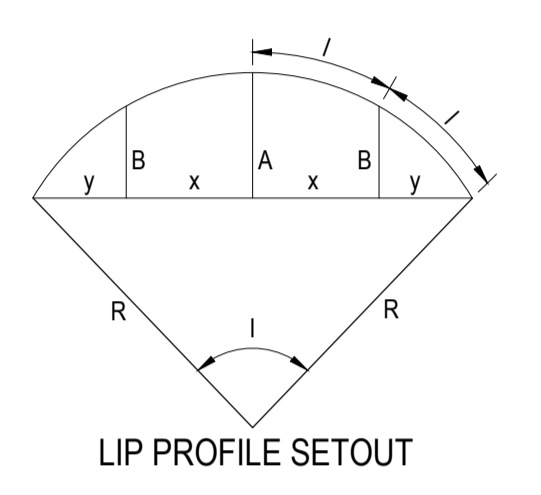
LEGEND - INTERSECTION PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MAJOR CONTOUR - 0.1m
- MINOR CONTOUR - 0.05m
- CROWN / GRADE LINE

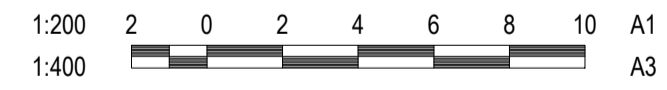
WARNING
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DIAL 1100 BEFORE YOU DIG
 www.1100.com.au

LEGEND

- EXISTING SURFACE
- DESIGN LINE

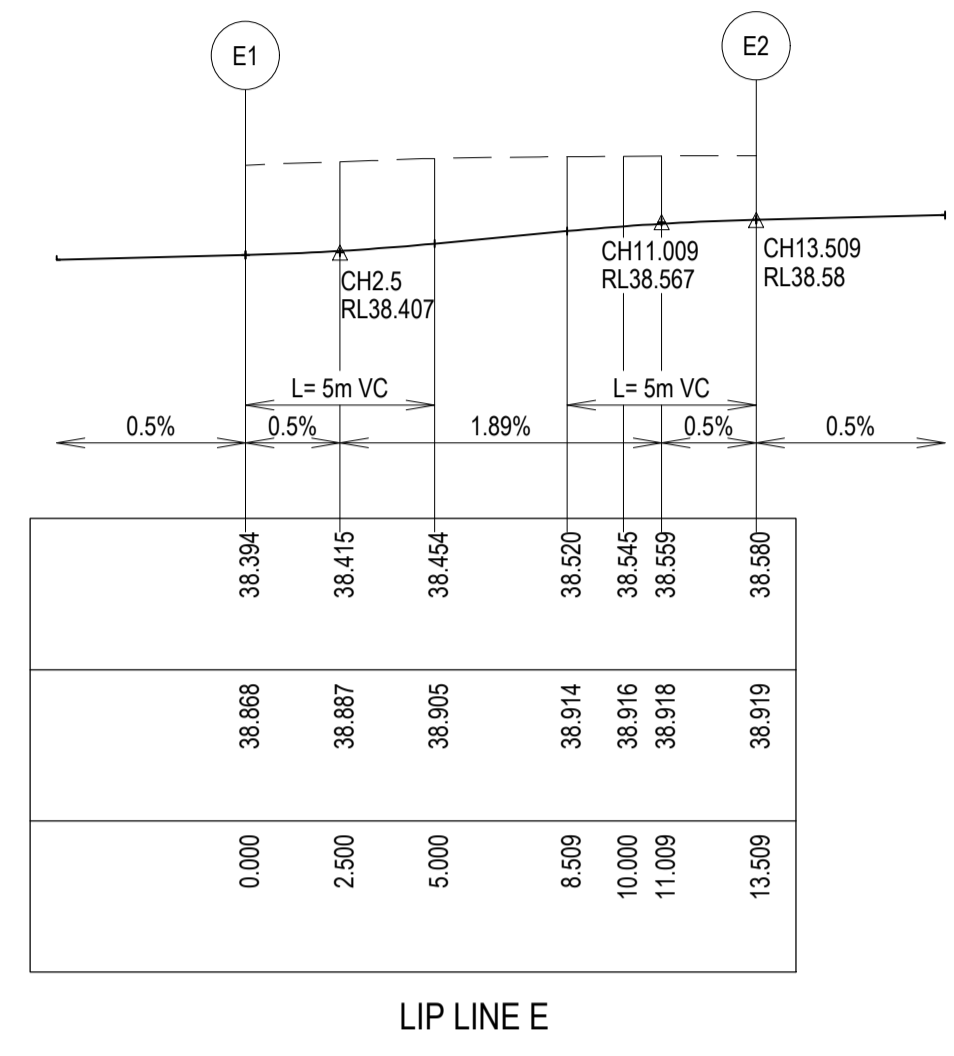


SLOOP STREET / KUNO WAY INTERSECTION & SLOOP STREET / MOSSIFACE DRIVE INTERSECTION



NOTE THAT ROAD CONTOURS REFLECT BASE ROAD SURFACE AND NOT TRAFFIC CALMING TREATMENT. REFER R701 FOR DETAIL.

VERTICAL GEOMETRY
 DATUM RL37
 DESIGN LEVEL
 EXISTING SURFACE
 CHAINAGE

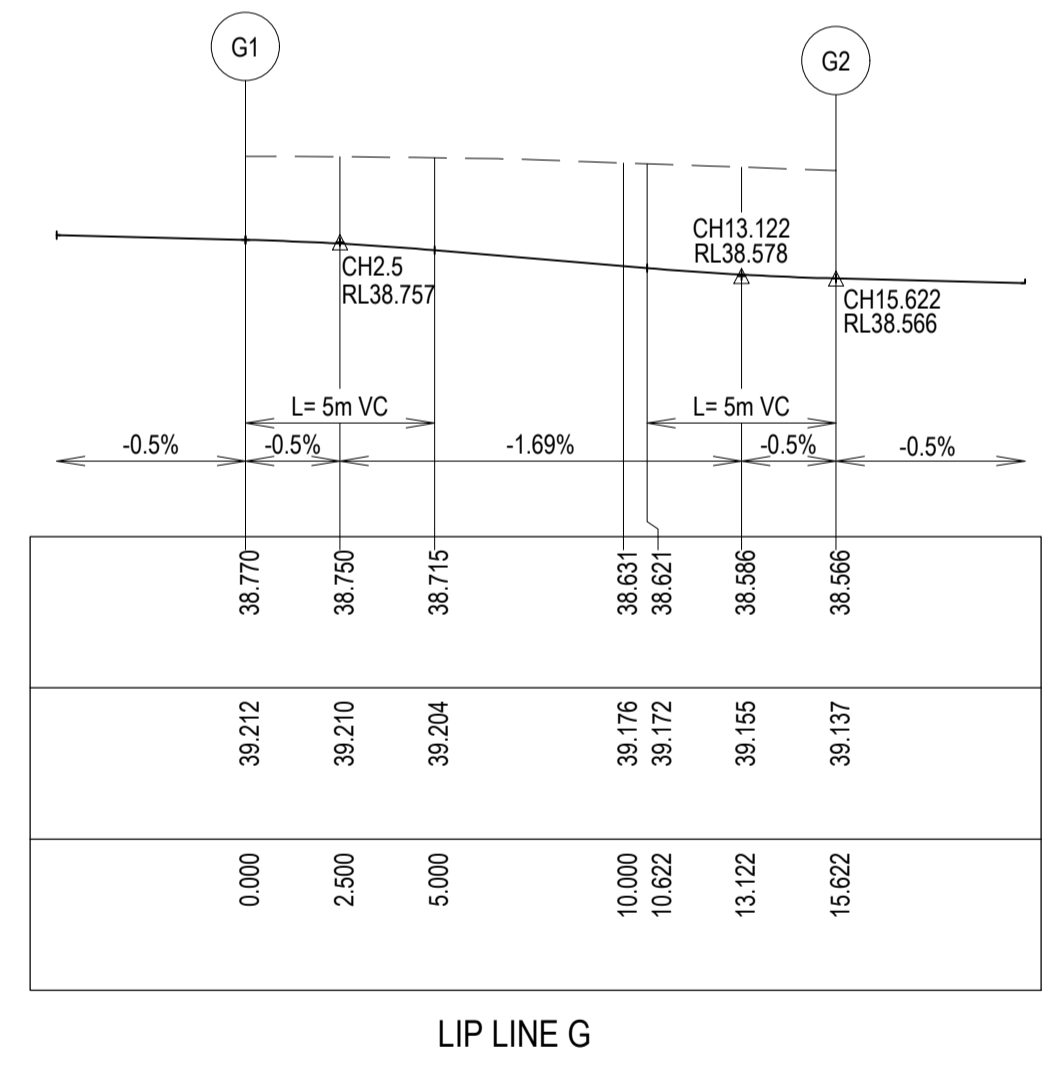


ALIGNMENT E

PT NO	EASTING	NORTHING	RL
E1	292006.184	5807179.043	38.394
E2	291994.419	5807175.957	38.580

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
E1 - E2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	38.487

VERTICAL GEOMETRY
 DATUM RL37
 DESIGN LEVEL
 EXISTING SURFACE
 CHAINAGE

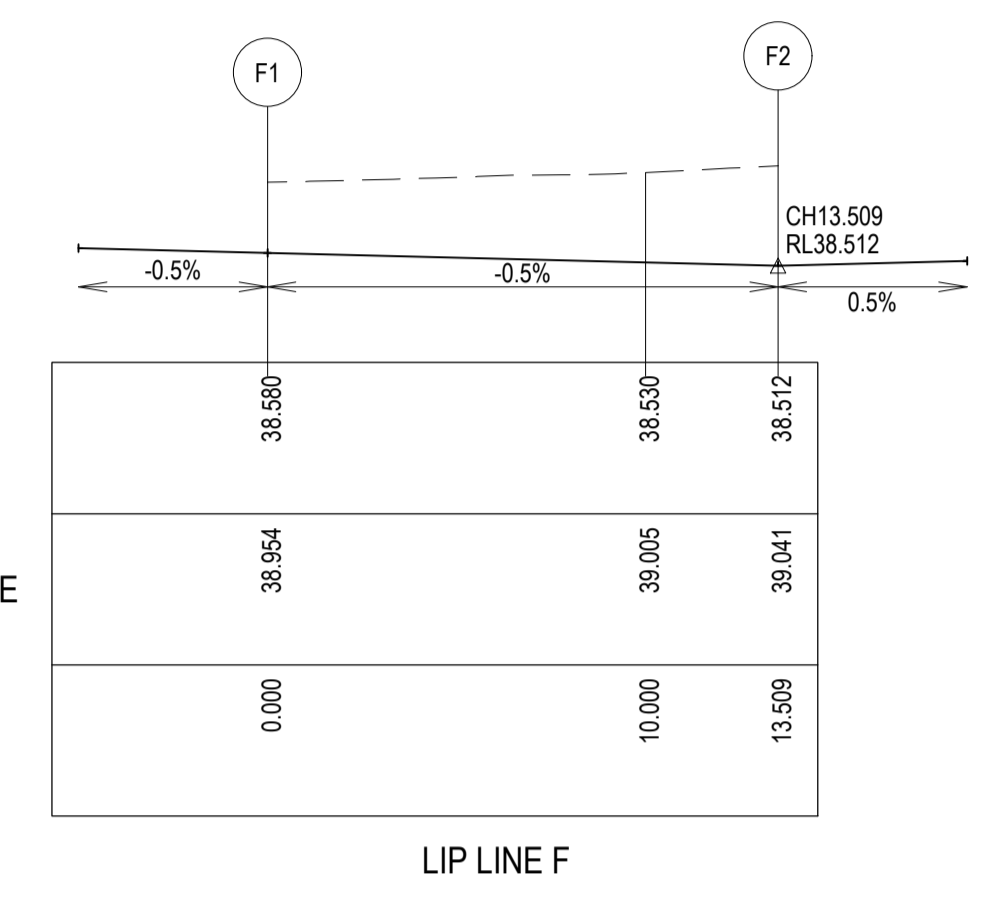


ALIGNMENT G

PT NO	EASTING	NORTHING	RL
G1	291977.973	5807215.327	38.770
G2	291979.780	5807201.887	38.566

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
G1 - G2	104.081	8.600	15.622	3.310	2.438	3.773	3.008	3.906	38.668

VERTICAL GEOMETRY
 DATUM RL38
 DESIGN LEVEL
 EXISTING SURFACE
 CHAINAGE

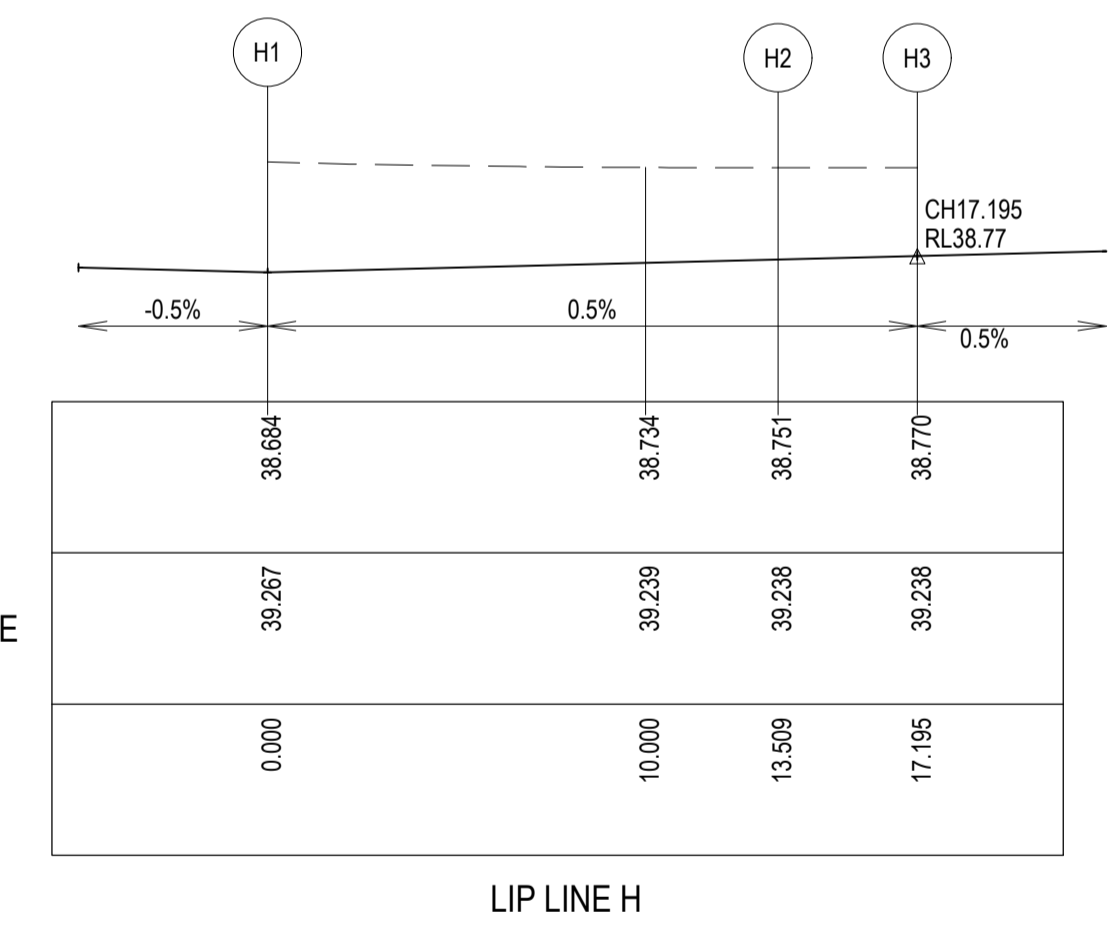


ALIGNMENT F

PT NO	EASTING	NORTHING	RL
F1	291988.894	5807179.186	38.580
F2	291985.808	5807190.951	38.512

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
F1 - F2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	38.546

VERTICAL GEOMETRY
 DATUM RL38
 DESIGN LEVEL
 EXISTING SURFACE
 CHAINAGE



ALIGNMENT H

PT NO	EASTING	NORTHING	RL
H1	291959.404	5807213.794	38.684
H2	291971.169	5807216.880	38.751
H3	291973.399	5807219.803	38.770

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
H1 - H2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	38.718
H2 - H3	14.081	15.000	3.686	0.113	0.085	0.921	0.918	0.922	38.761

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P.	M.P.	M.T.
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P.	M.P.	M.T.
B	27/06/23	ISSUED FOR TENDER	M.P.	M.P.	M.T.
A	02/06/23	ISSUED FOR APPROVAL	M.P.	M.P.	M.T.

villawood properties
 Communities Designed for Living

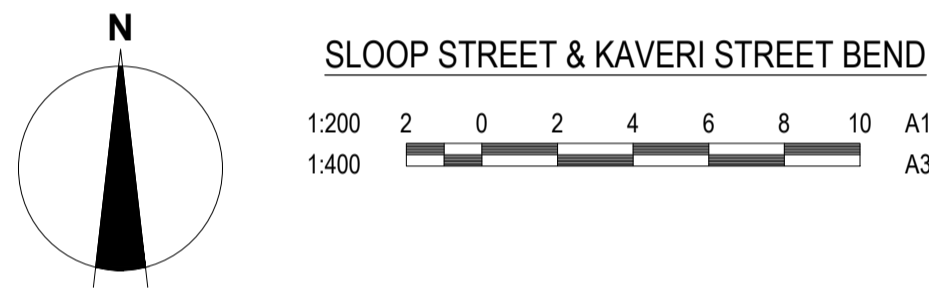
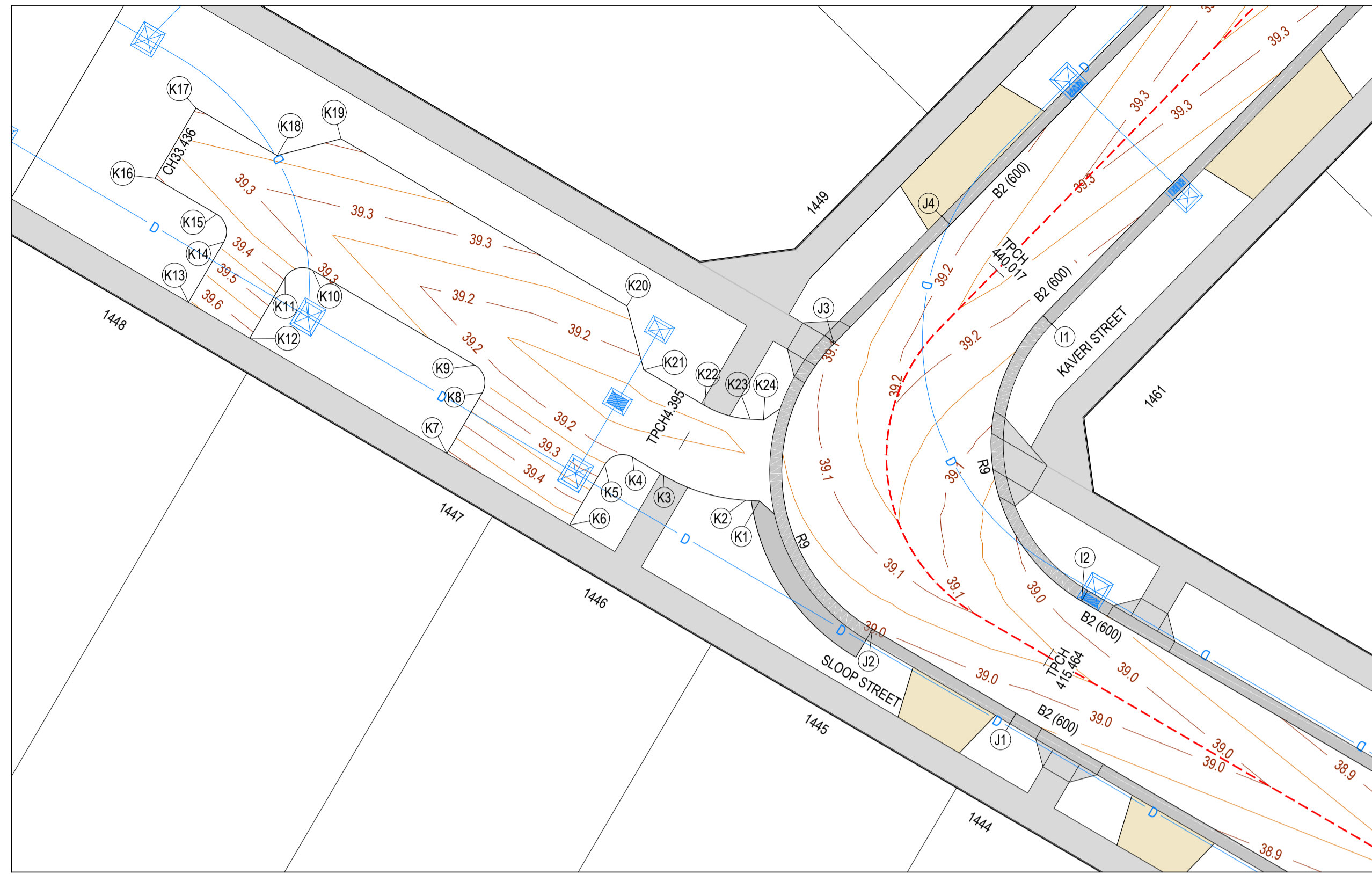
creo CONSULTANTS
 Suite 1, 2 Bloomsbury Street
 Geelong, VIC, Australia 3220

ALAMORA
Tarnait

ALAMORA - STAGE 14 INTERSECTION DETAILS - 2

AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R301	AC



ALIGNMENT K

PT NO	EASTING	NORTHING	RL
K1	291896.440	5807246.248	39.151
K2	291895.751	5807246.287	39.168
K3	291891.717	5807247.503	39.206
K4	291890.180	5807248.401	39.194
K5	291888.812	5807248.042	39.255
K6	291887.071	5807245.064	39.485
K7	291881.028	5807248.595	39.510
K8	291882.769	5807251.574	39.280
K9	291882.410	5807252.942	39.224
K10	291874.424	5807257.609	39.316
K11	291873.056	5807257.251	39.393
K12	291871.315	5807254.272	39.623
K13	291868.293	5807256.038	39.658
K14	291870.034	5807259.017	39.428
K15	291869.675	5807260.384	39.371
K16	291866.645	5807262.155	39.406
K17	291868.663	5807265.609	39.406
K18	291872.664	5807263.271	39.360
K19	291875.810	5807264.096	39.414
K20	291869.905	5807255.858	39.269
K21	291890.731	5807252.712	39.185
K22	291893.735	5807250.956	39.177
K23	291895.977	5807250.281	39.173
K24	291896.631	5807250.244	39.173

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
K2 - K3	27.073	9.000	4.253	0.250	0.187	1.061	1.046	1.063	39.204
K4 - K5	90.000	1.000	1.571	0.293	0.217	0.383	0.324	0.393	39.209
K8 - K9	90.000	1.000	1.571	0.293	0.217	0.383	0.324	0.393	39.236
K10 - K11	90.000	1.000	1.571	0.293	0.217	0.383	0.324	0.393	39.343
K14 - K15	90.000	1.000	1.571	0.293	0.217	0.383	0.324	0.393	39.384
K22 - K23	27.073	5.000	2.363	0.139	0.104	0.589	0.581	0.591	39.175

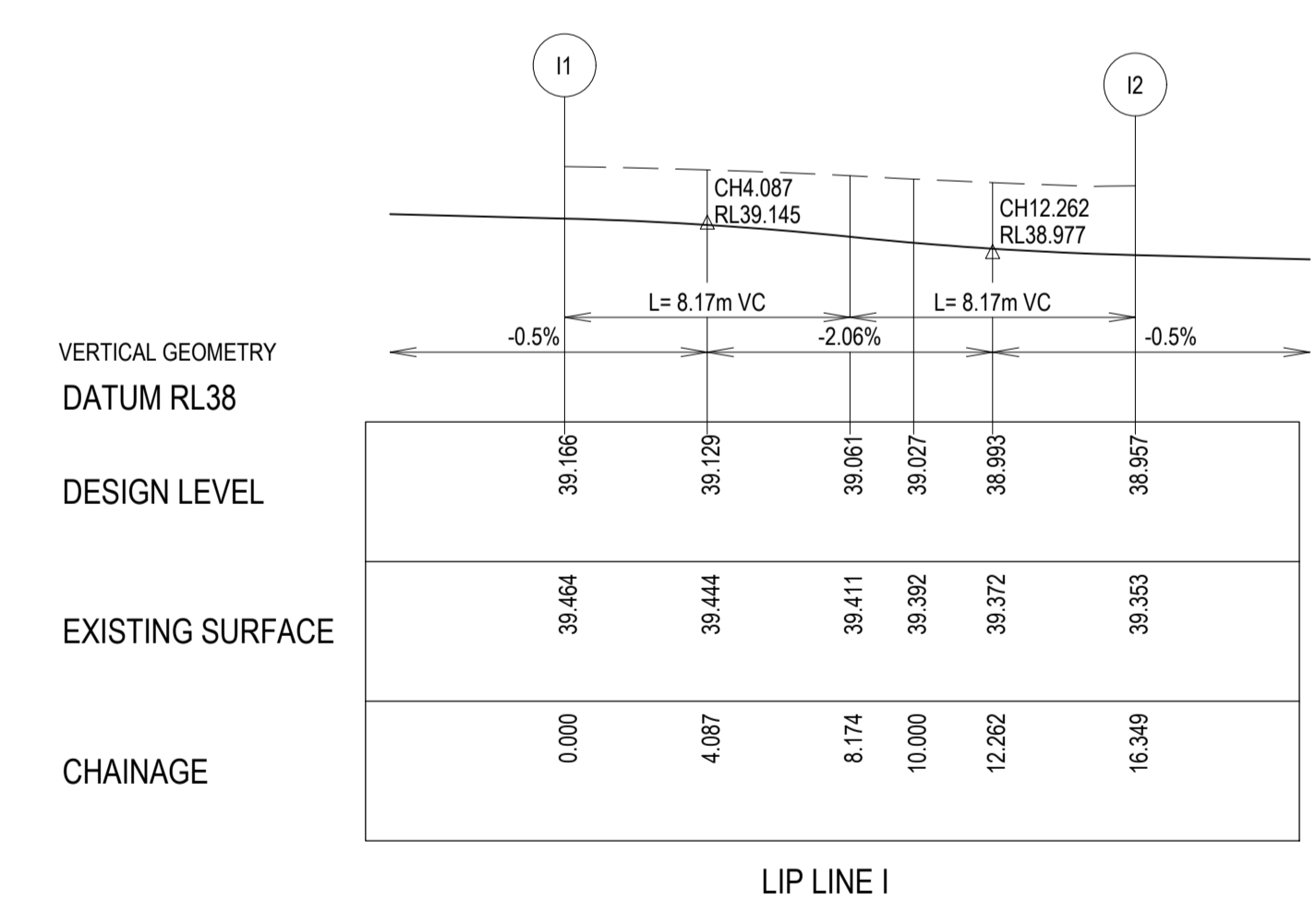
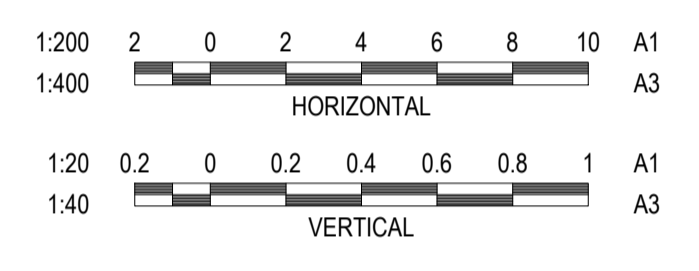
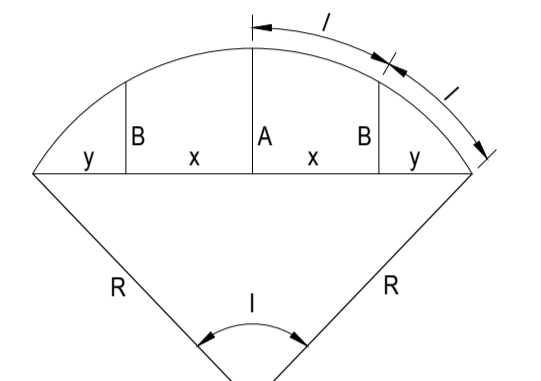
LEGEND - INTERSECTION PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MAJOR CONTOUR - 0.1m
- MINOR CONTOUR - 0.05m
- - - CROWN / GRADE LINE

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LEGEND

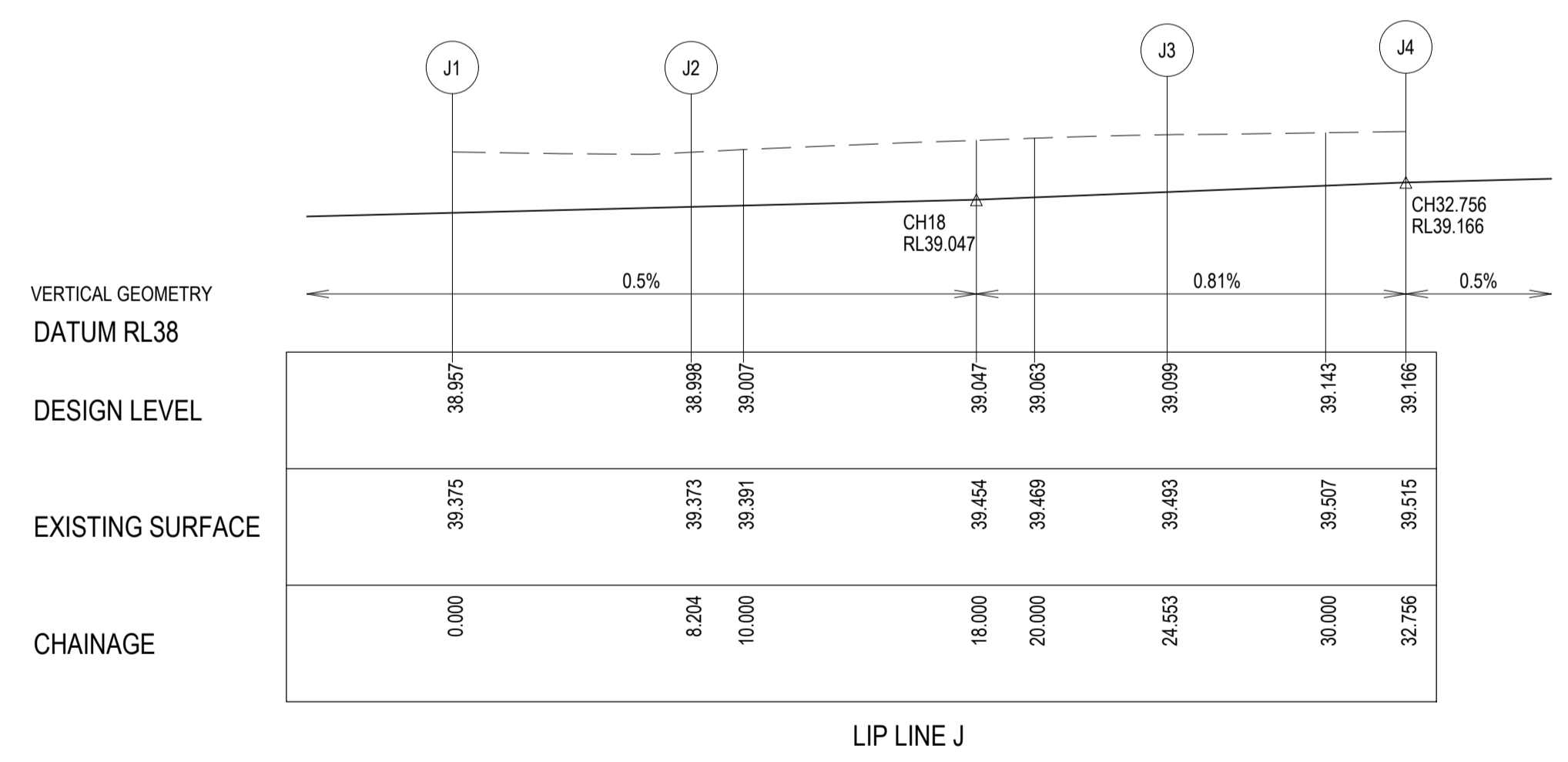
- - - EXISTING SURFACE
- DESIGN LINE



ALIGNMENT I

PT NO	EASTING	NORTHING	RL
I1	291910.416	5807255.384	39.166
I2	291912.307	5807241.319	38.957

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
I1 - I2	104.081	9.000	16.349	3.464	2.552	3.948	3.148	4.087	39.061

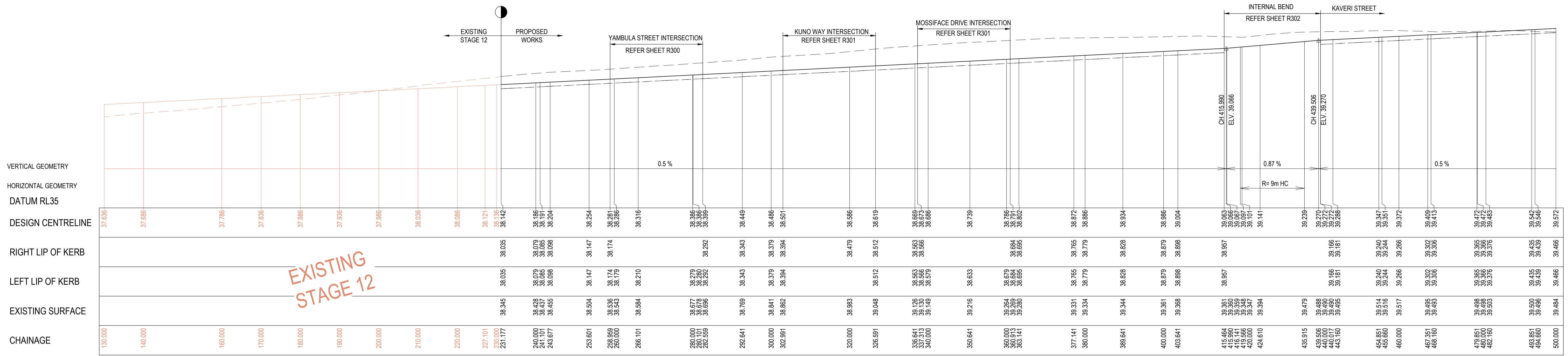


ALIGNMENT J

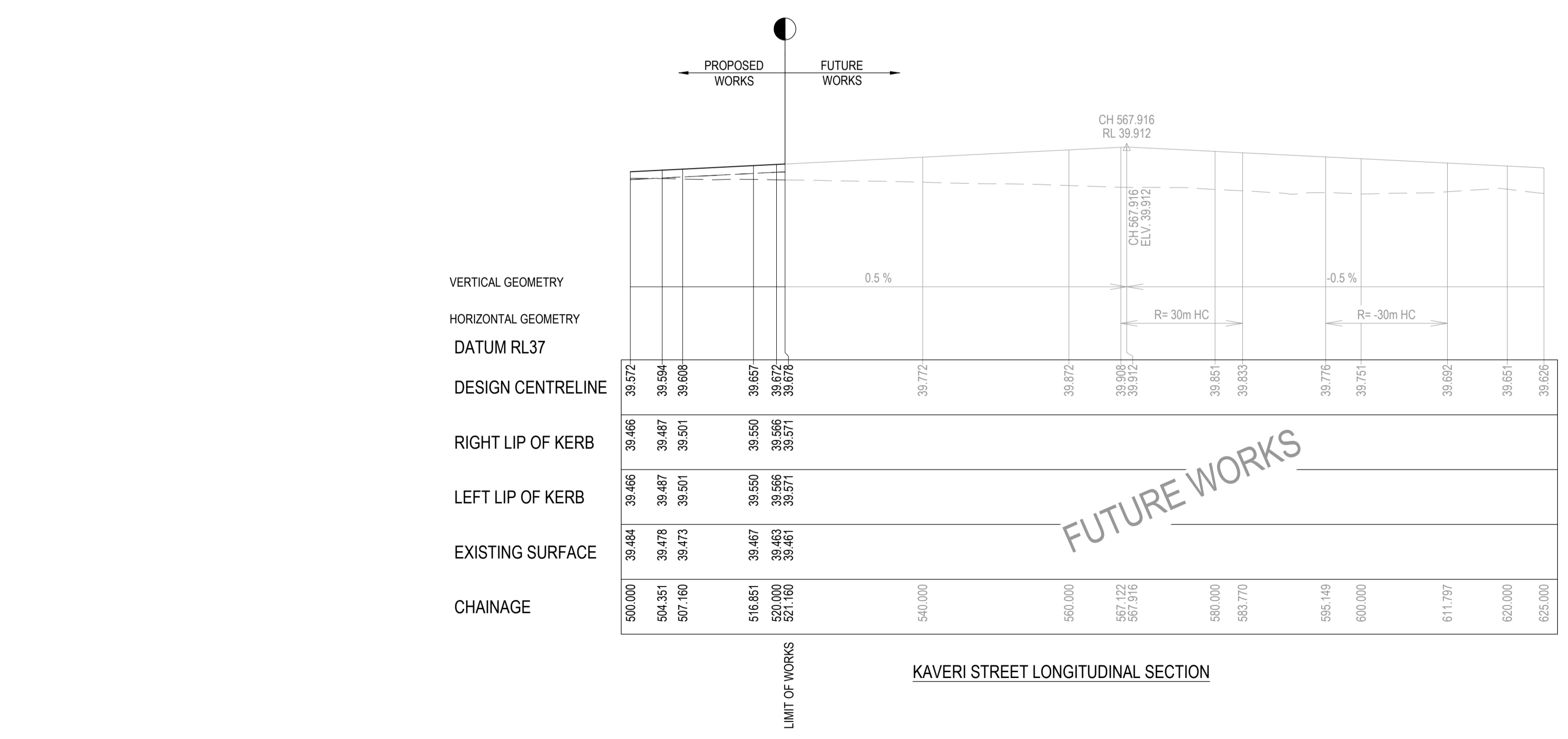
PT NO	EASTING	NORTHING	RL
J1	291909.077	5807235.793	38.957
J2	291901.995	5807239.933	38.998
J3	291900.104	5807253.998	39.099
J4	291905.842	5807259.861	39.166

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
J2 - J3	104.081	9.000	16.349	3.464	2.552	3.948	3.148	4.087	39.038

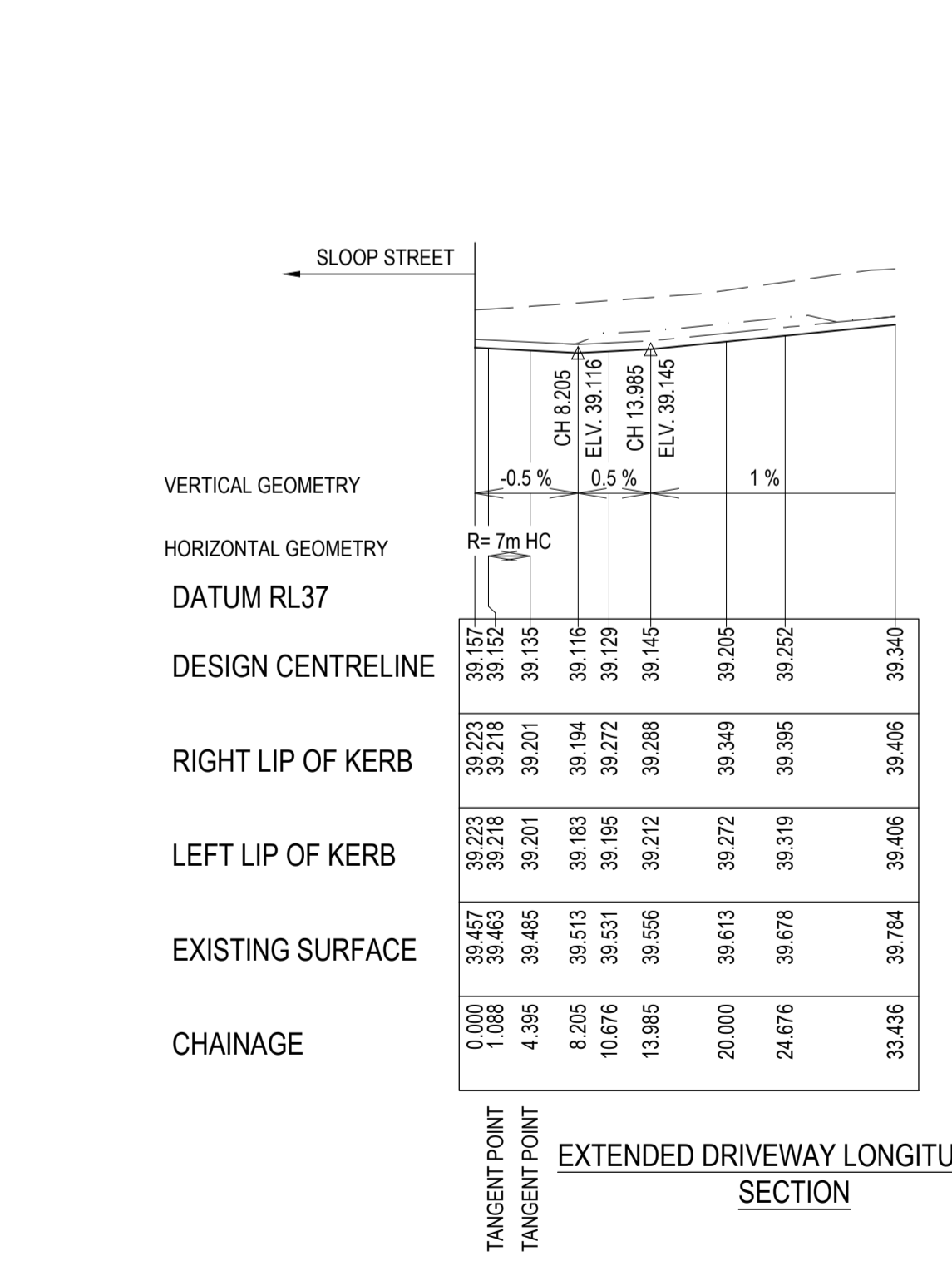
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
AC	10/07/24	AS CONSTRUCTED	M.P.	M.P.	M.T.		ALAMORA - STAGE 14 INTERSECTION DETAILS - 3	AS CONSTRUCTED	AS SHOWN	M.PLANT	M.PLANT	
1	14/11/23	SLOOP STREET EXTENDED DRIVEWAY	M.P.	M.P.	M.T.				PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE	
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P.	M.P.	M.T.				M.TROUNCE	M.TROUNCE	JUNE 2023	
B	27/06/23	ISSUED FOR TENDER	M.P.	M.P.	M.T.				PROJECT No.	DRAWING No.	REVISION	
A	02/06/23	ISSUED FOR APPROVAL	M.P.	M.P.	M.T.				200282.14	R302	AC	



SLOOP STREET / KAVERI STREET LONGITUDINAL SECTION



KAVERI STREET LONGITUDINAL SECTION

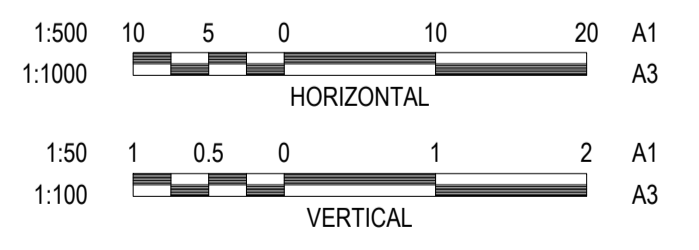


EXTENDED DRIVEWAY LONGITUDINAL SECTION

LEGEND

- EXISTING SURFACE
- DESIGN LINE
- FUTURE DESIGN LINE
- EXISTING DESIGN LINE
- LEFT LIP OF KERB
- RIGHT LIP OF KERB

NOTE: REFER TO GENERAL NOTES REGARDING STRUCTURAL FILL



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P.	M.P.	M.T.
1	14/11/23	SLOOP STREET EXTENDED DRIVEWAY	M.P.	M.P.	M.T.
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P.	M.P.	M.T.
B	27/06/23	ISSUED FOR TENDER	M.P.	M.P.	M.T.
A	02/06/23	ISSUED FOR APPROVAL	M.P.	M.P.	M.T.

CLIENT

Communities Designed for Living

creo CONSULTANTS

Suite 1, 2 Bloombsbury Street
Geelong, VIC, Australia 3220

PROJECT

DRAWING TITLE

**ALAMORA - STAGE 14
ROAD LONGITUDINAL SECTIONS - 1**

STATUS

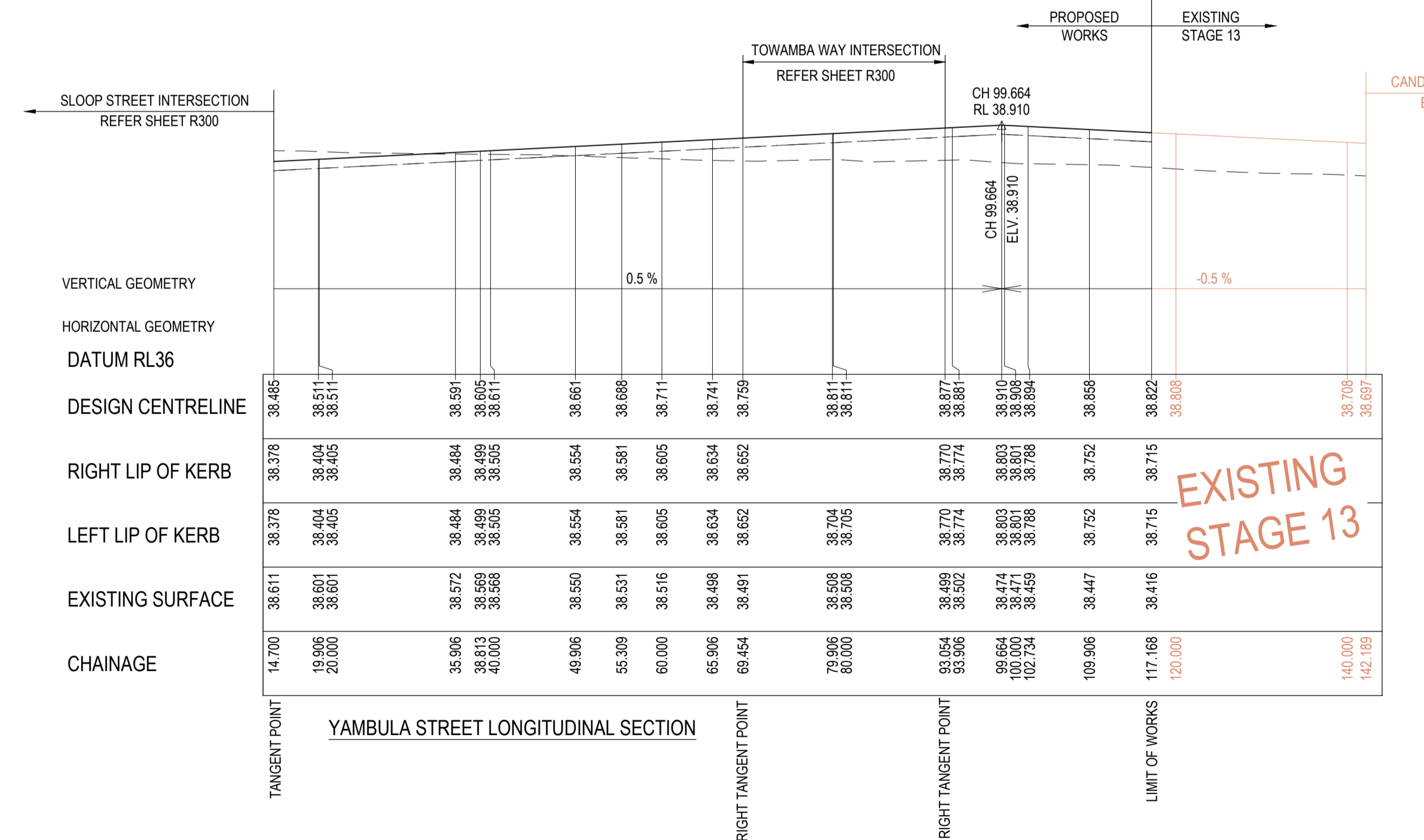
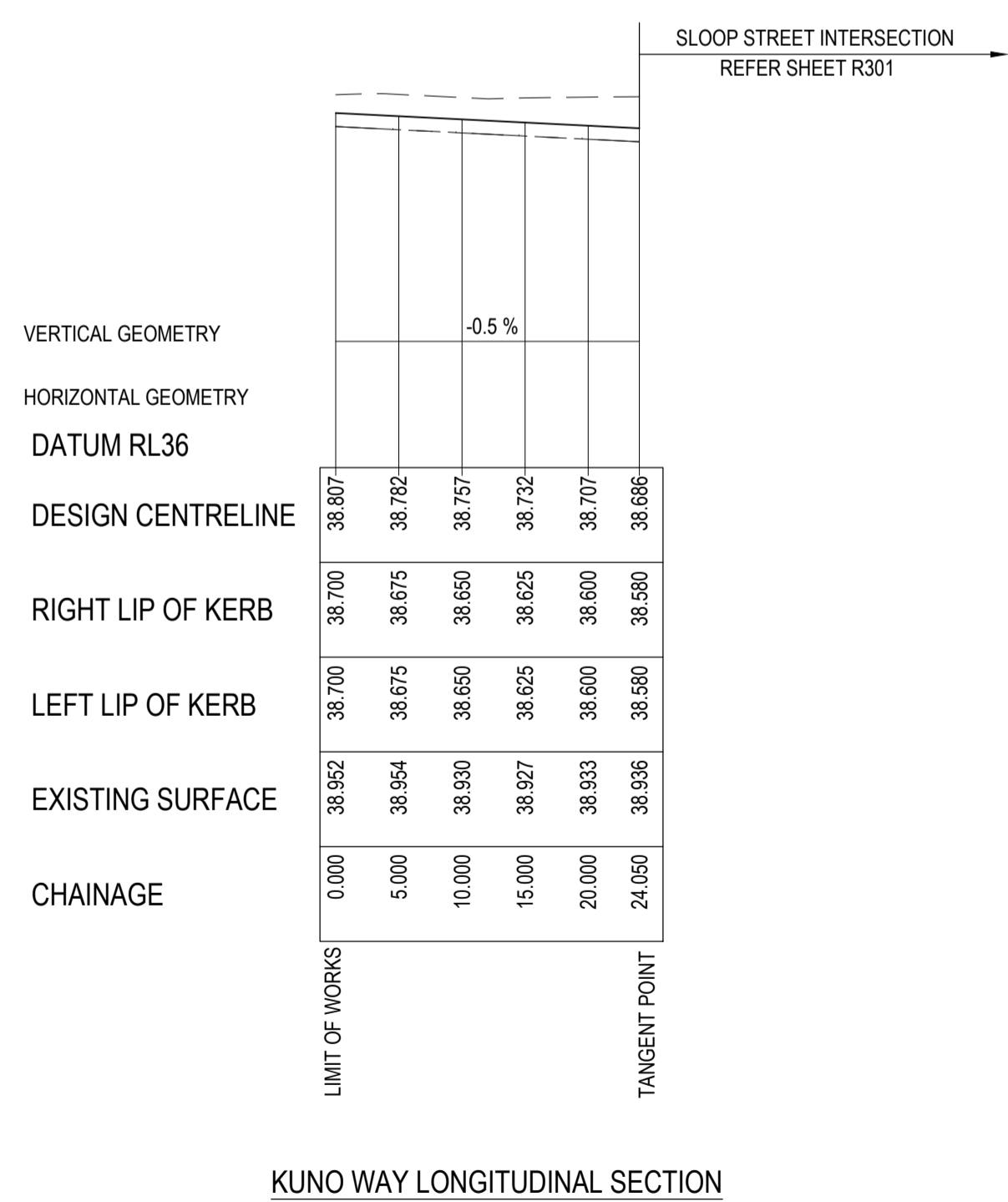
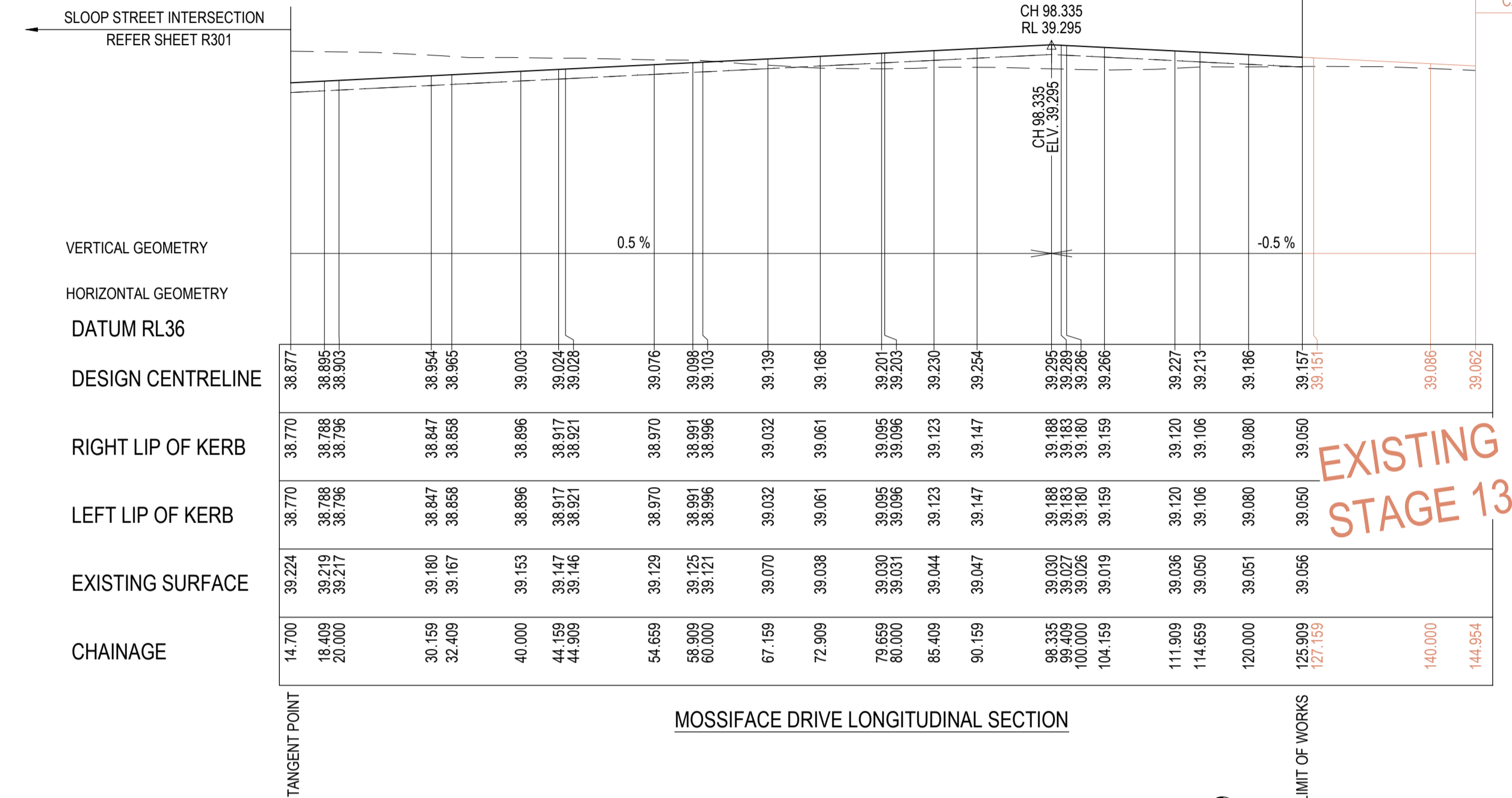
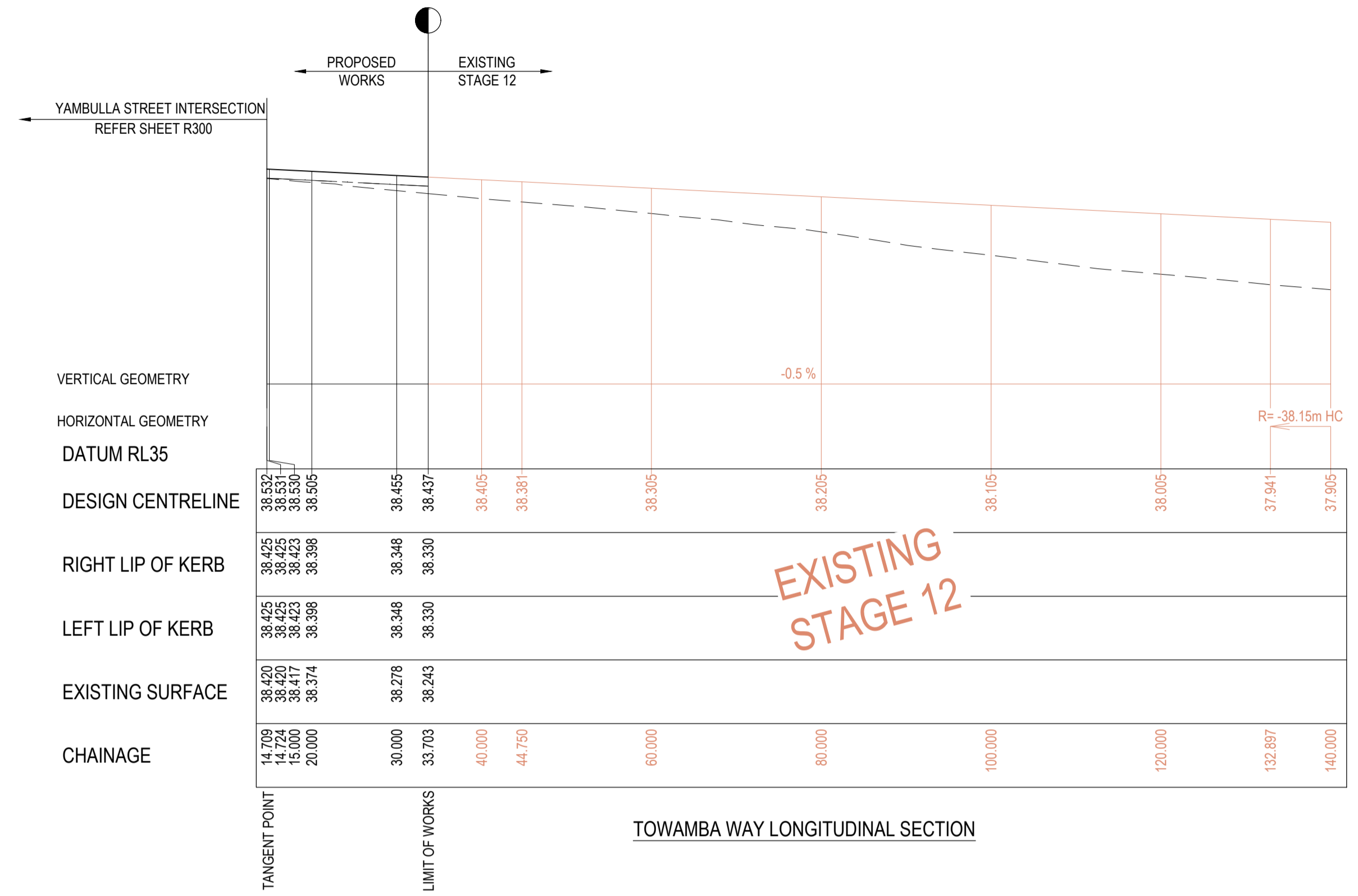
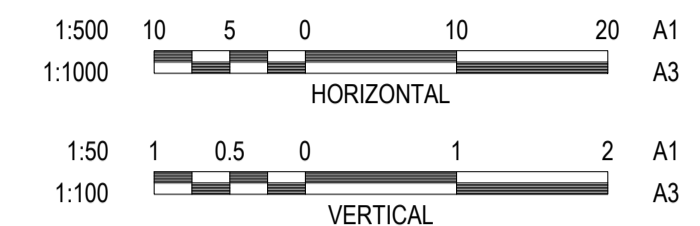
AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R400	AC

LEGEND

- EXISTING SURFACE
- DESIGN LINE
- FUTURE DESIGN LINE
- EXISTING DESIGN LINE
- LEFT LIP OF KERB
- RIGHT LIP OF KERB

NOTE: REFER TO GENERAL NOTES REGARDING STRUCTURAL FILL



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P	M.P	M.T
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P	M.P	M.T
B	27/06/23	ISSUED FOR TENDER	M.P	M.P	M.T
A	02/06/23	ISSUED FOR APPROVAL	M.P	M.P	M.T

CLIENT

Communities Designed for Living

PROJECT

Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

DRAWING TITLE

ALAMORA - STAGE 14
ROAD LONGITUDINAL SECTIONS - 2

STATUS

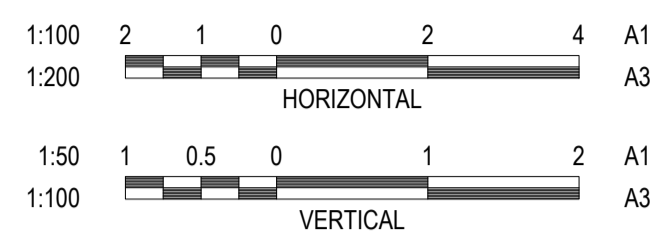
AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R401	AC

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 www.1100.com.au

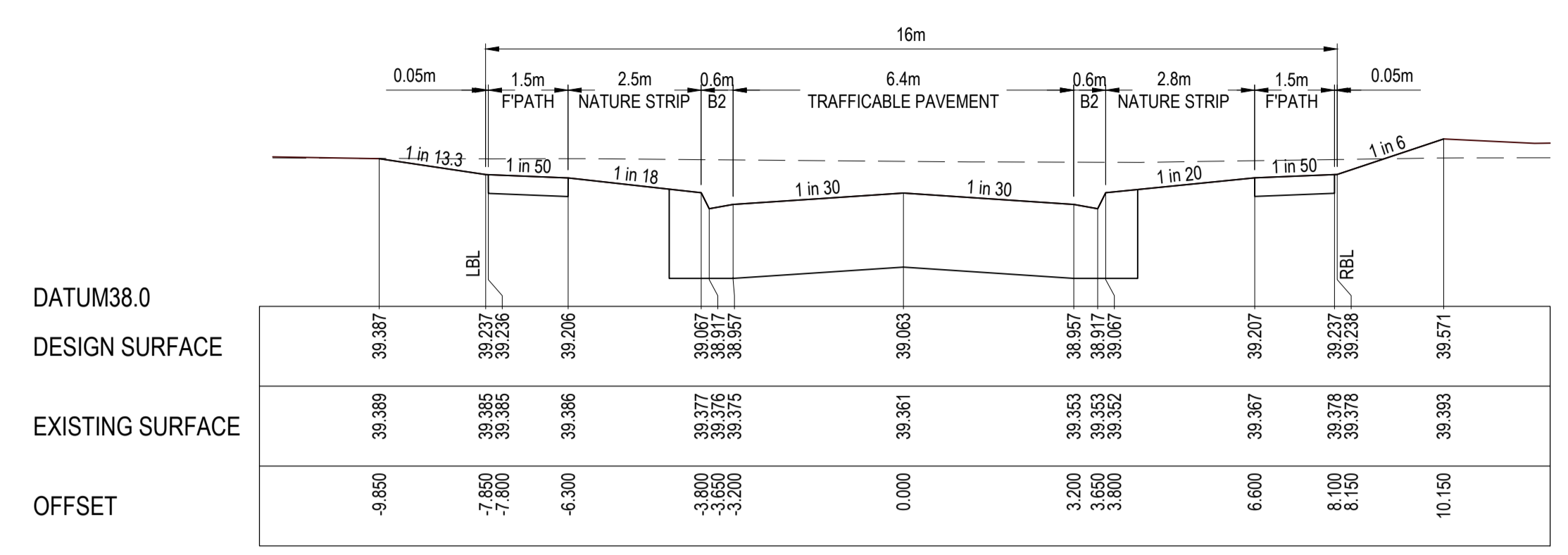
LEGEND

	EXISTING SURFACE
	DESIGN LINE
	STRUCTURAL FILL

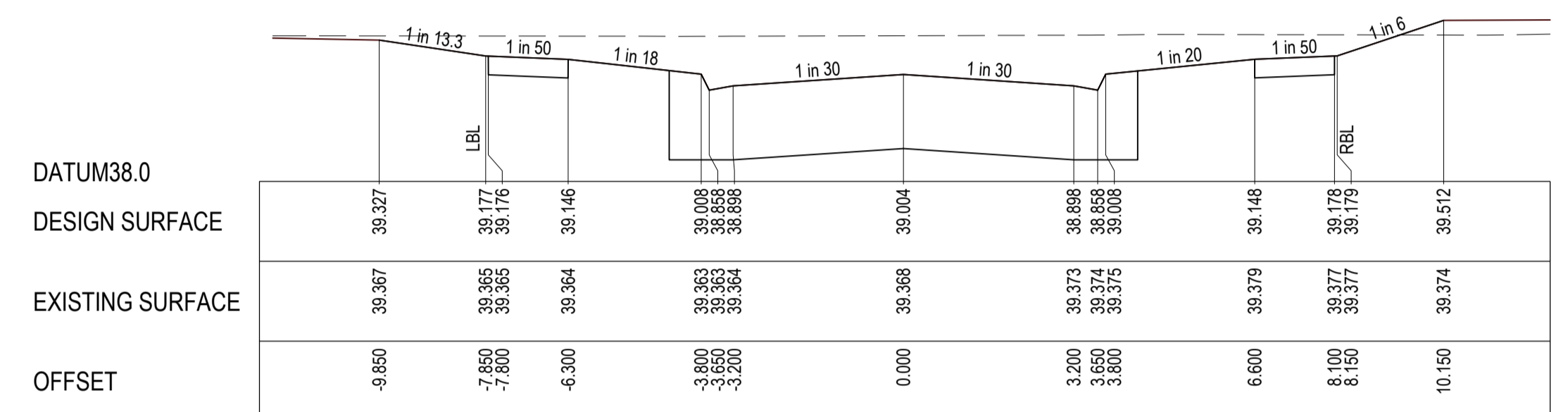


NOTE:
 CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

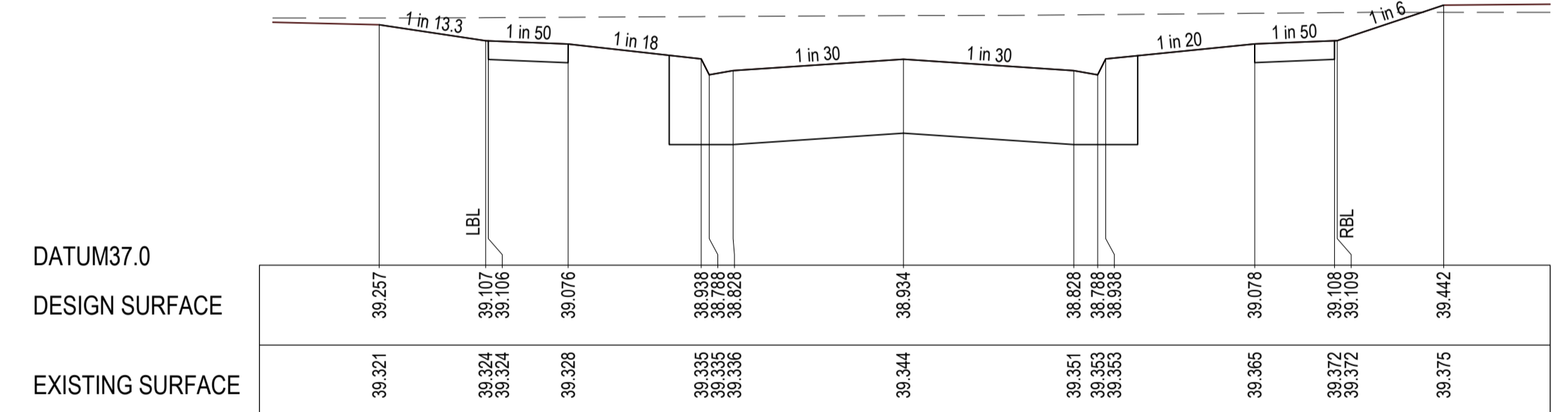
NOTE:
 SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.



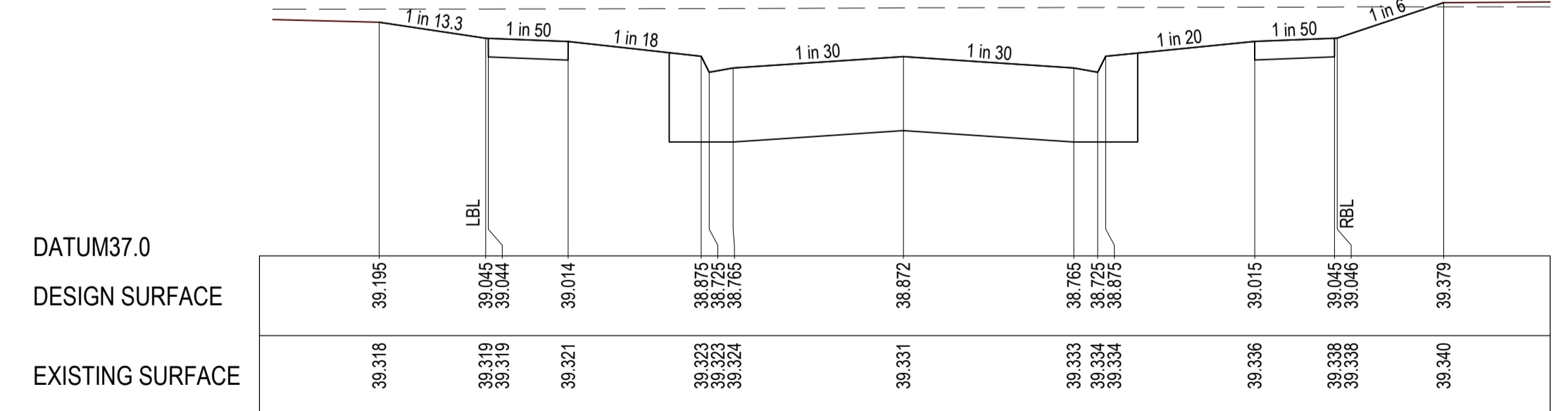
CH 415.464 (RIGHT TANGENT POINT)



CH 403.641

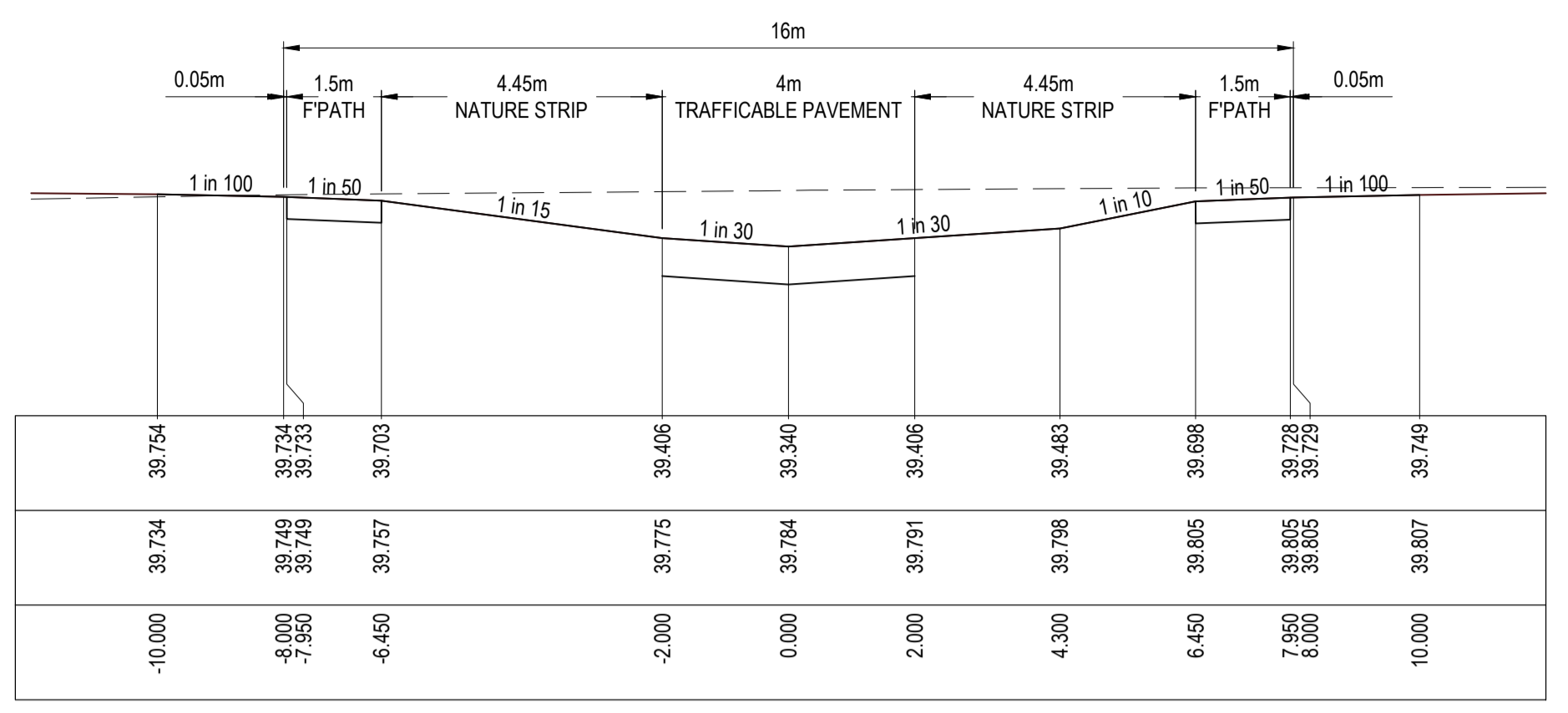


CH 389.641

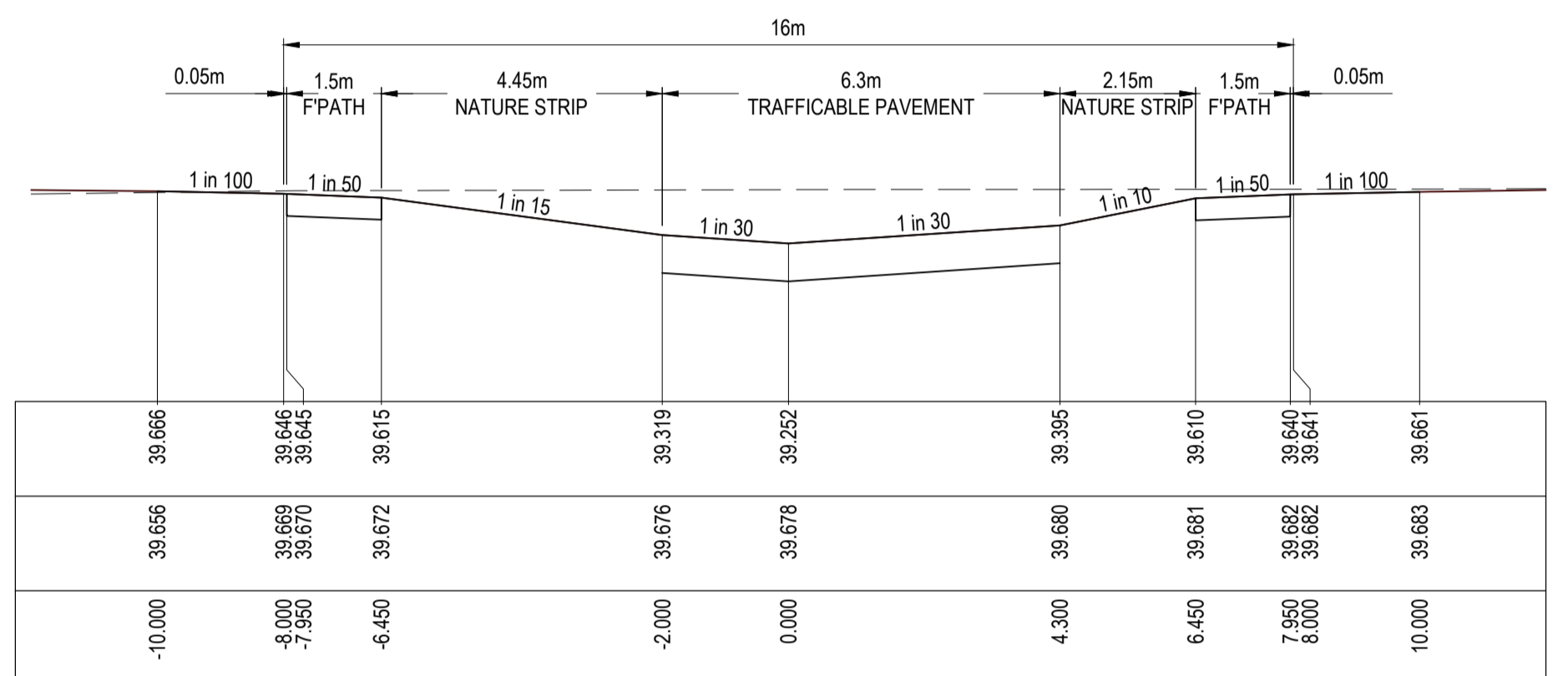


CH 377.141

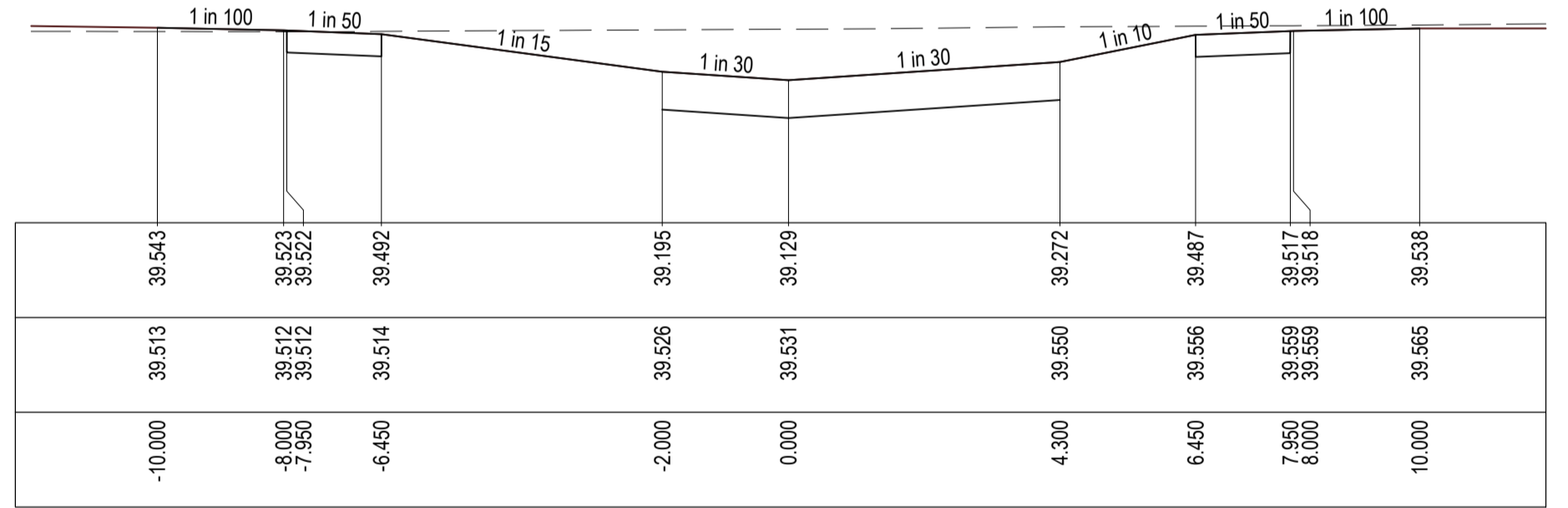
SLOOP STREET



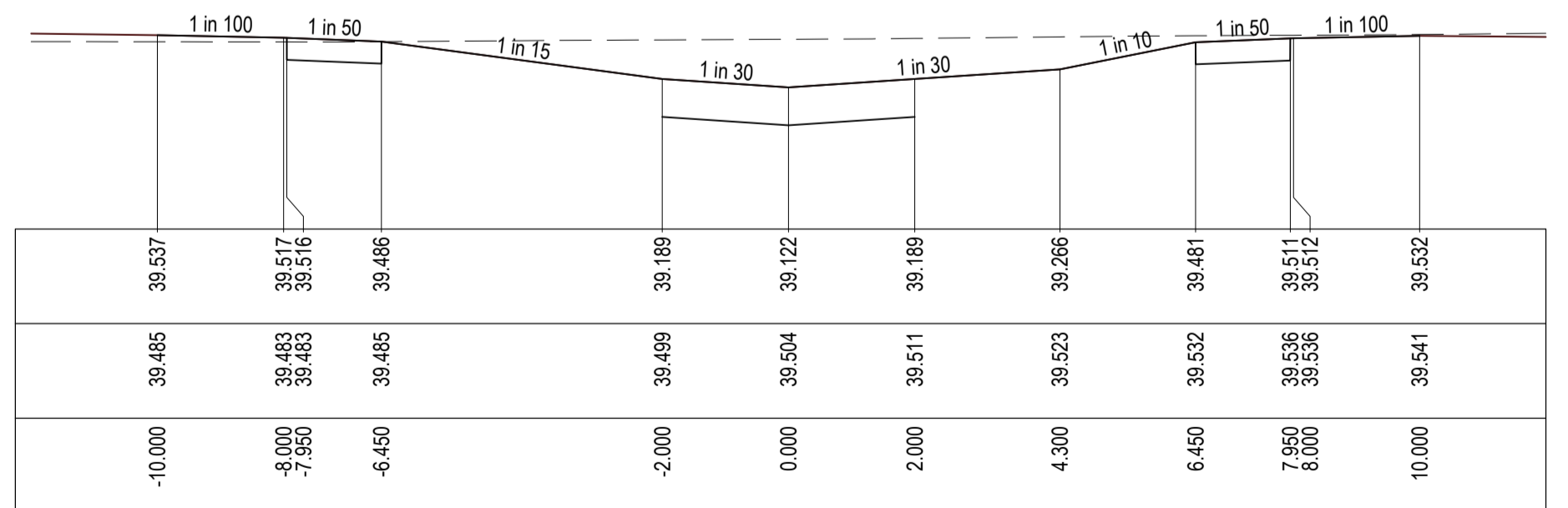
CH 33.436 (LIMIT OF WORKS)



CH 24.676



CH 10.676



CH 6.954

EXTENDED DRIVEWAY

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P.	M.P.	M.T.
1	14/11/23	SLOOP STREET EXTENDED DRIVEWAY	M.P.	M.P.	M.T.
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P.	M.P.	M.T.
B	27/06/23	ISSUED FOR TENDER	M.P.	M.P.	M.T.
A	02/06/23	ISSUED FOR APPROVAL	M.P.	M.P.	M.T.

CLIENT

Communities Designed for Living

creo CONSULTANTS

Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

PROJECT

DRAWING TITLE

**ALAMORA - STAGE 14
 ROAD CROSS SECTION - 2
 SLOOP STREET - SHEET 2 & EXTENDED DRIVEWAY**

STATUS

AS CONSTRUCTED

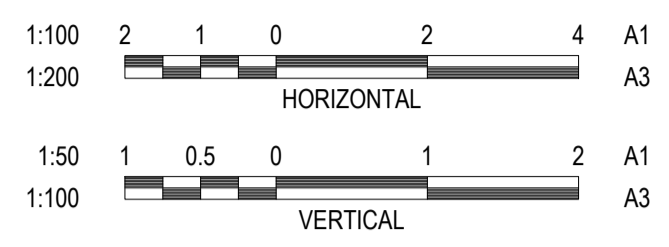
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AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R501	AC

P:\2020\2022 - ALAMORA - TANKET\2022 - MICHU\2 - DRAFTING\2022\14 - R500 - ROAD CROSS SECTIONS.DWG

WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
 The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works
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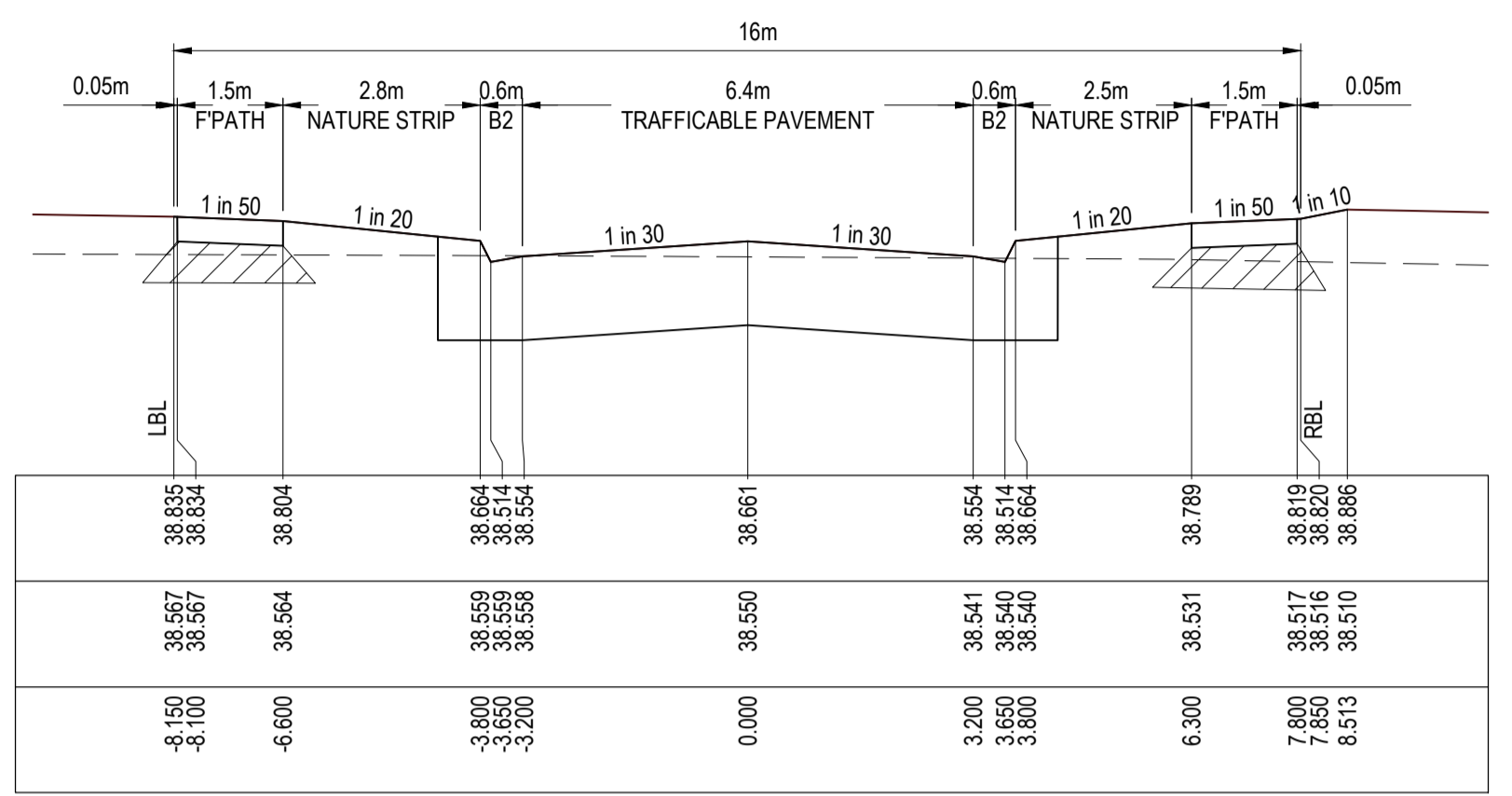
LEGEND

	EXISTING SURFACE
	DESIGN LINE
	STRUCTURAL FILL

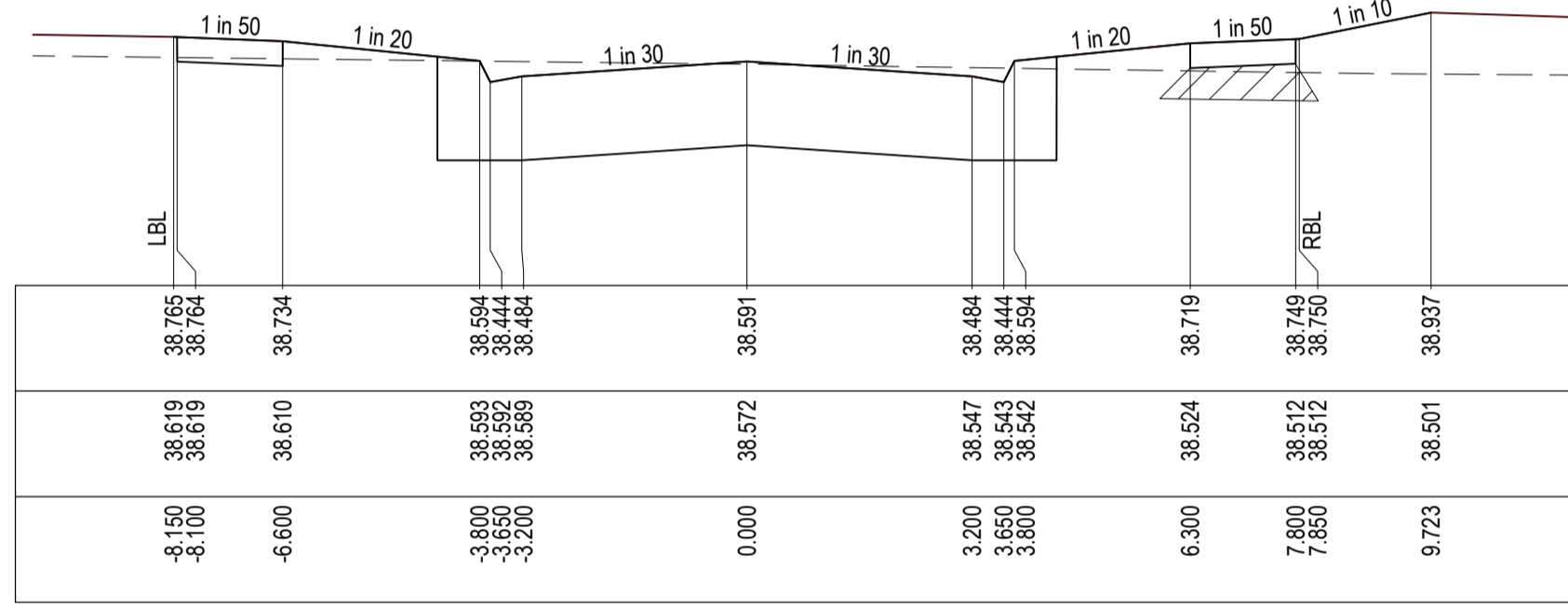


NOTE:
 CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

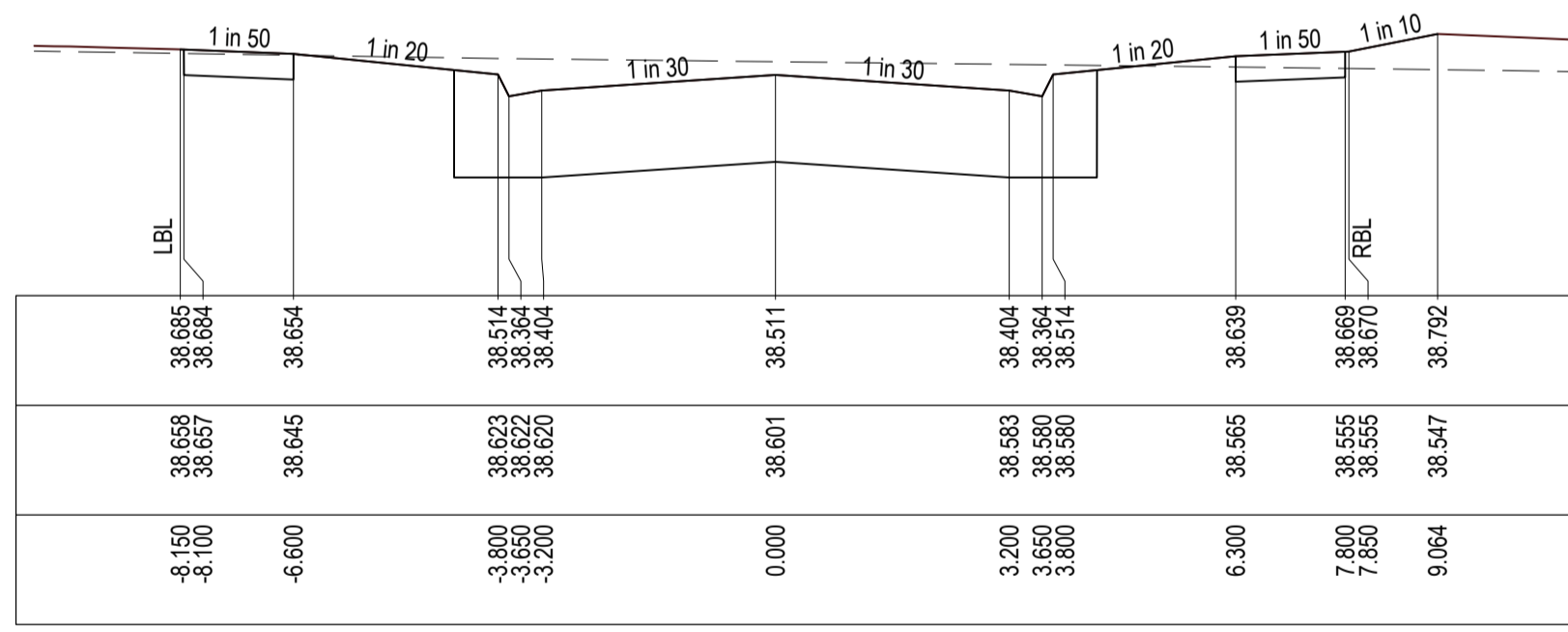
NOTE:
 SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.



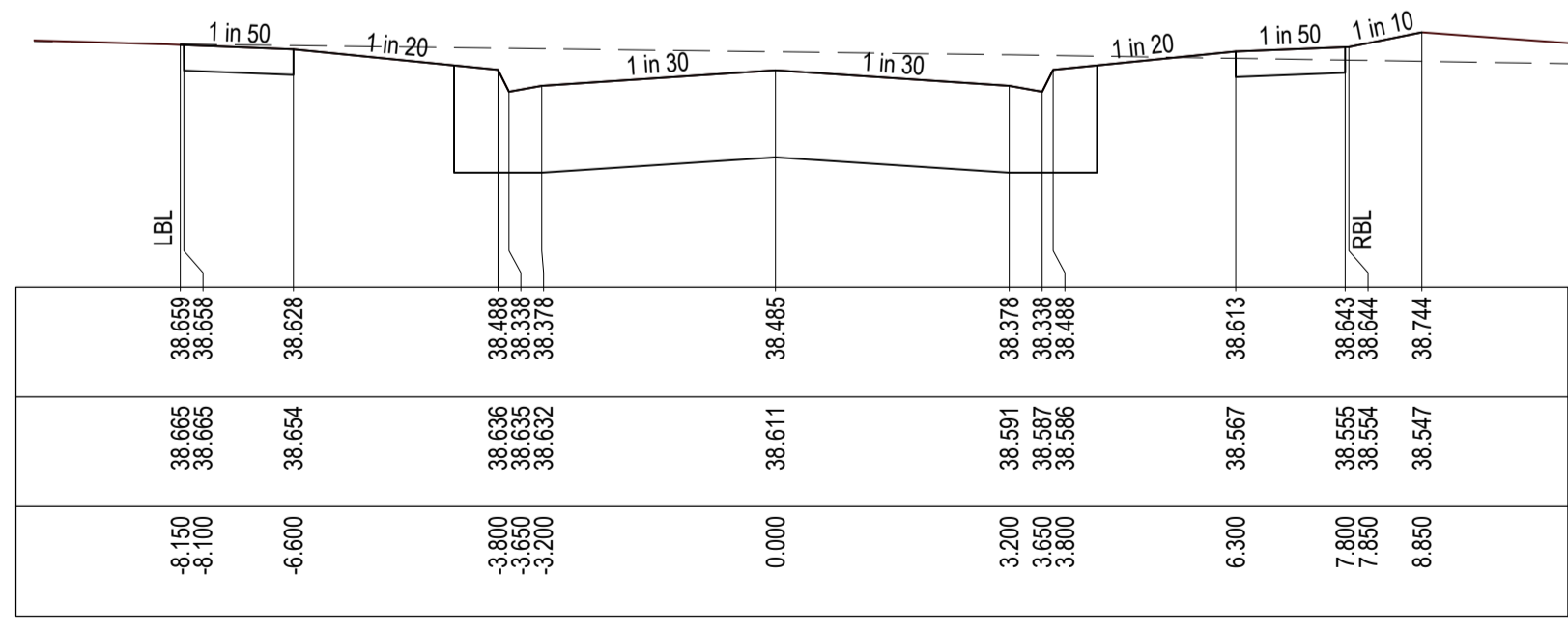
CH 49.906



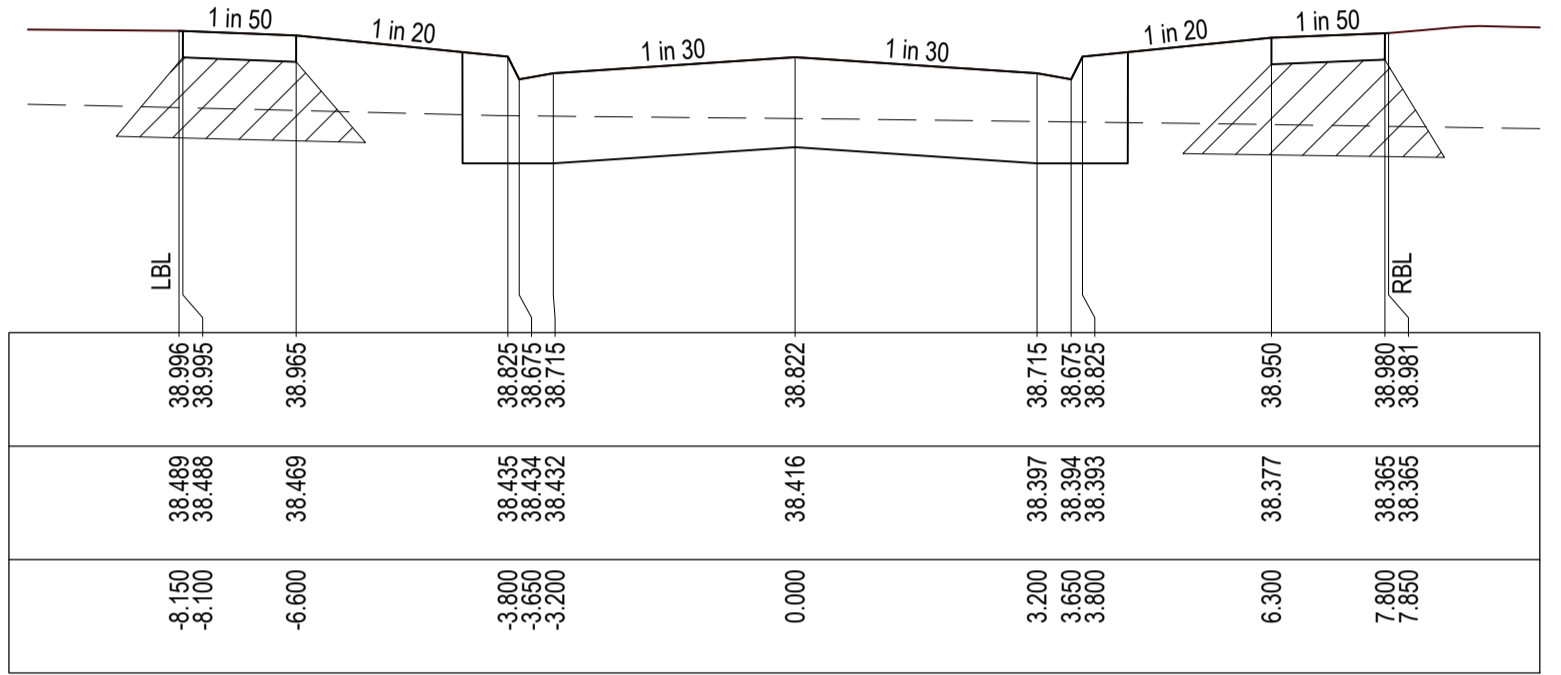
CH 35.906



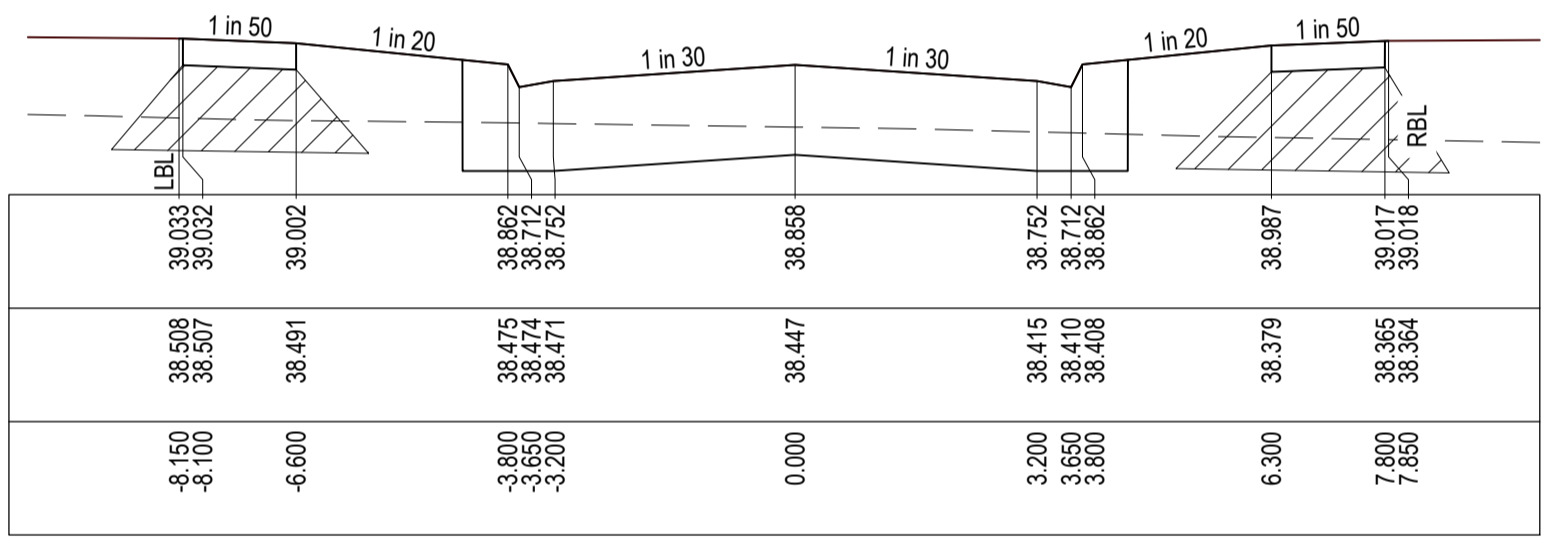
CH 19.906



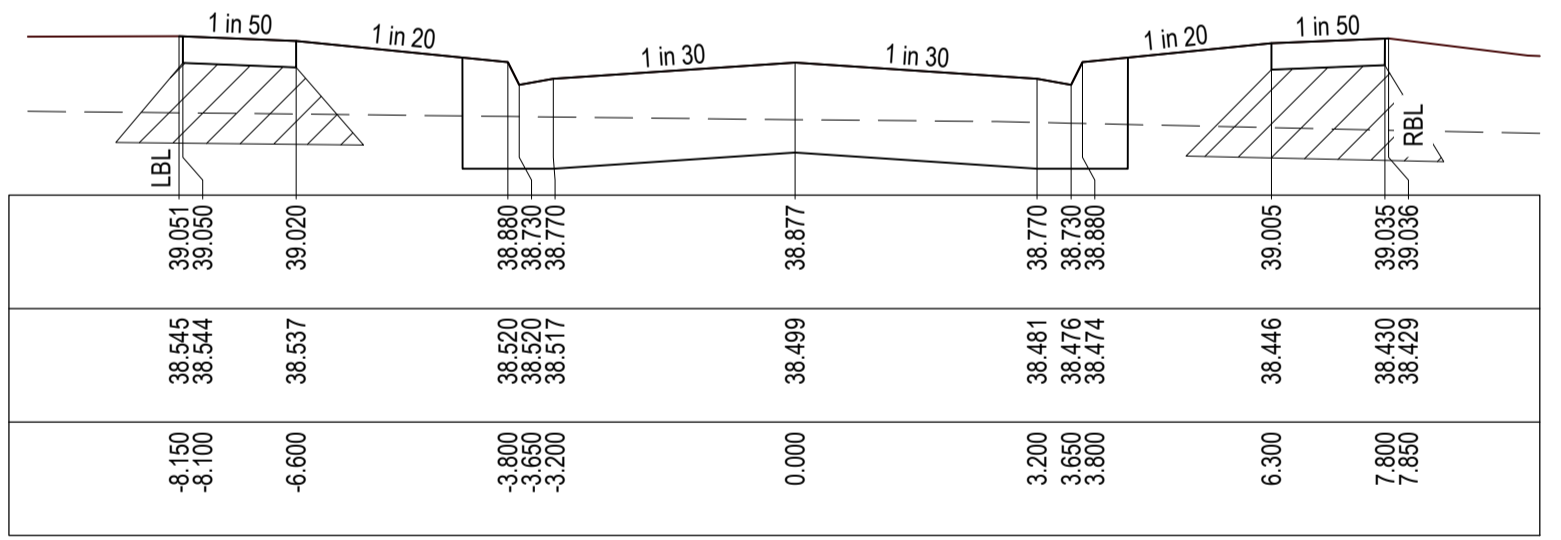
CH 14.700 (TANGENT POINT)



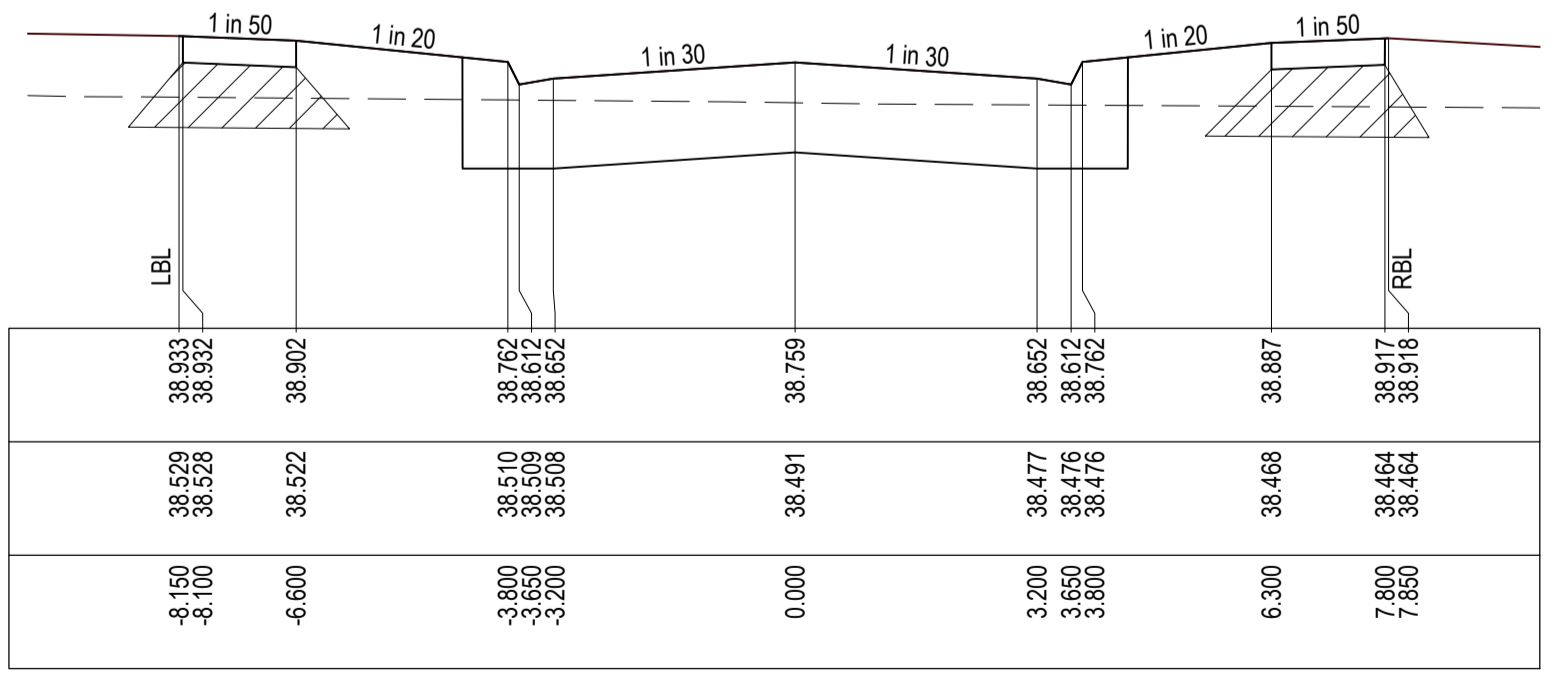
CH 117.168 (LIMIT OF WORKS)



CH 109.906



CH 93.054 (RIGHT TANGENT POINT)



CH 69.454 (RIGHT TANGENT POINT)

P:\2020\20282 - ALAMORA - TANGENT POINTS - HIGHWAY DRAFTING\AC\20282_14_R500 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P	M.P	M.T
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P	M.P	M.T
B	27/06/23	ISSUED FOR TENDER	M.P	M.P	M.T
A	02/06/23	ISSUED FOR APPROVAL	M.P	M.P	M.T

CLIENT

Communities Designed for Living

PROJECT

Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

DRAWING TITLE

ALAMORA - STAGE 14
ROAD CROSS SECTION - 4
YAMBULLA STREET

STATUS

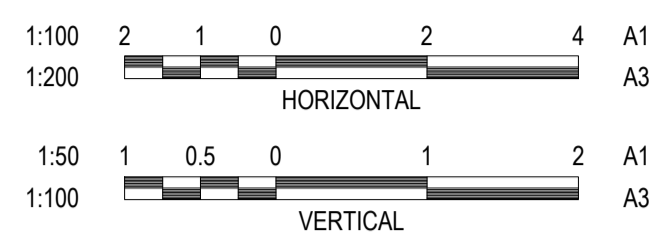
AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R503	AC

WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
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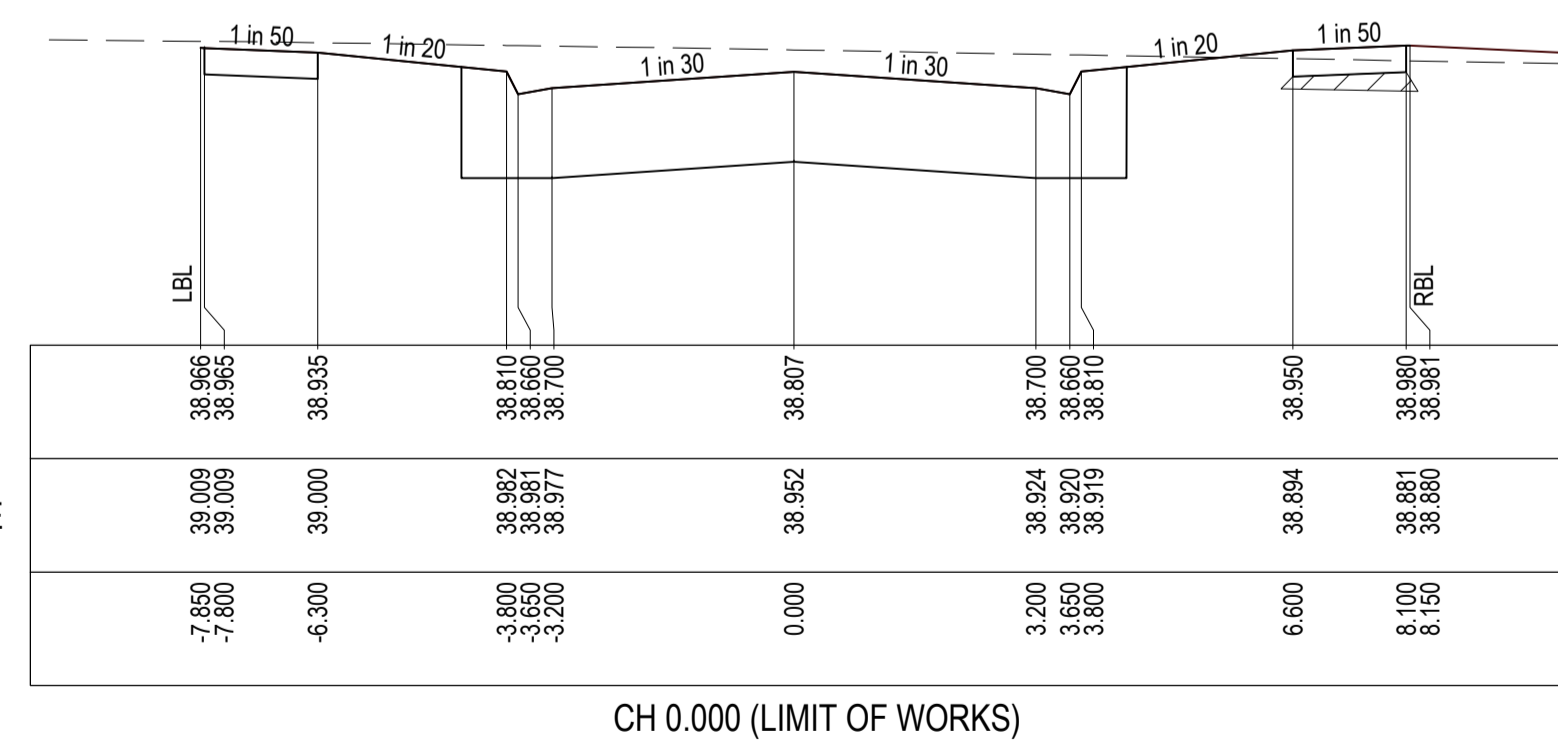
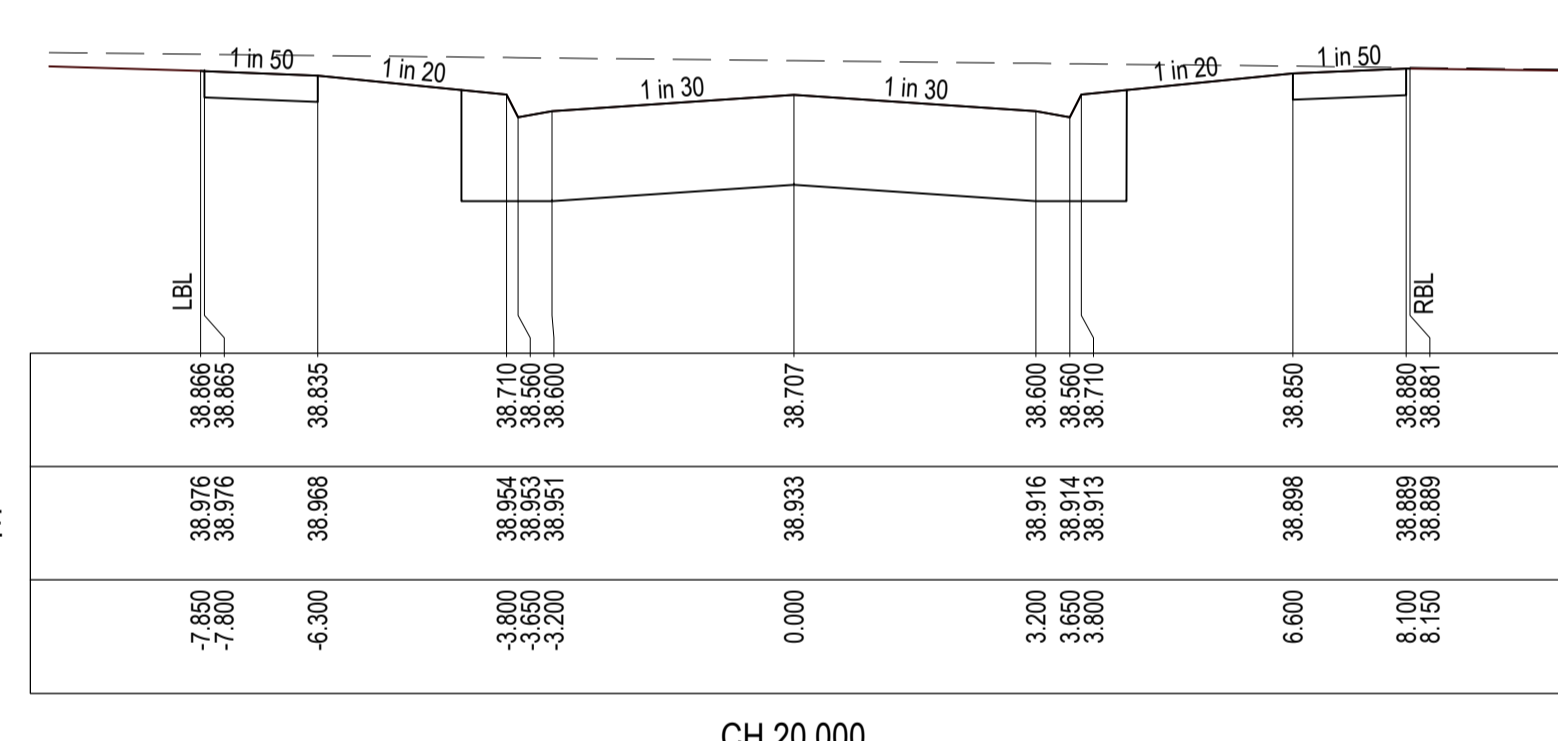
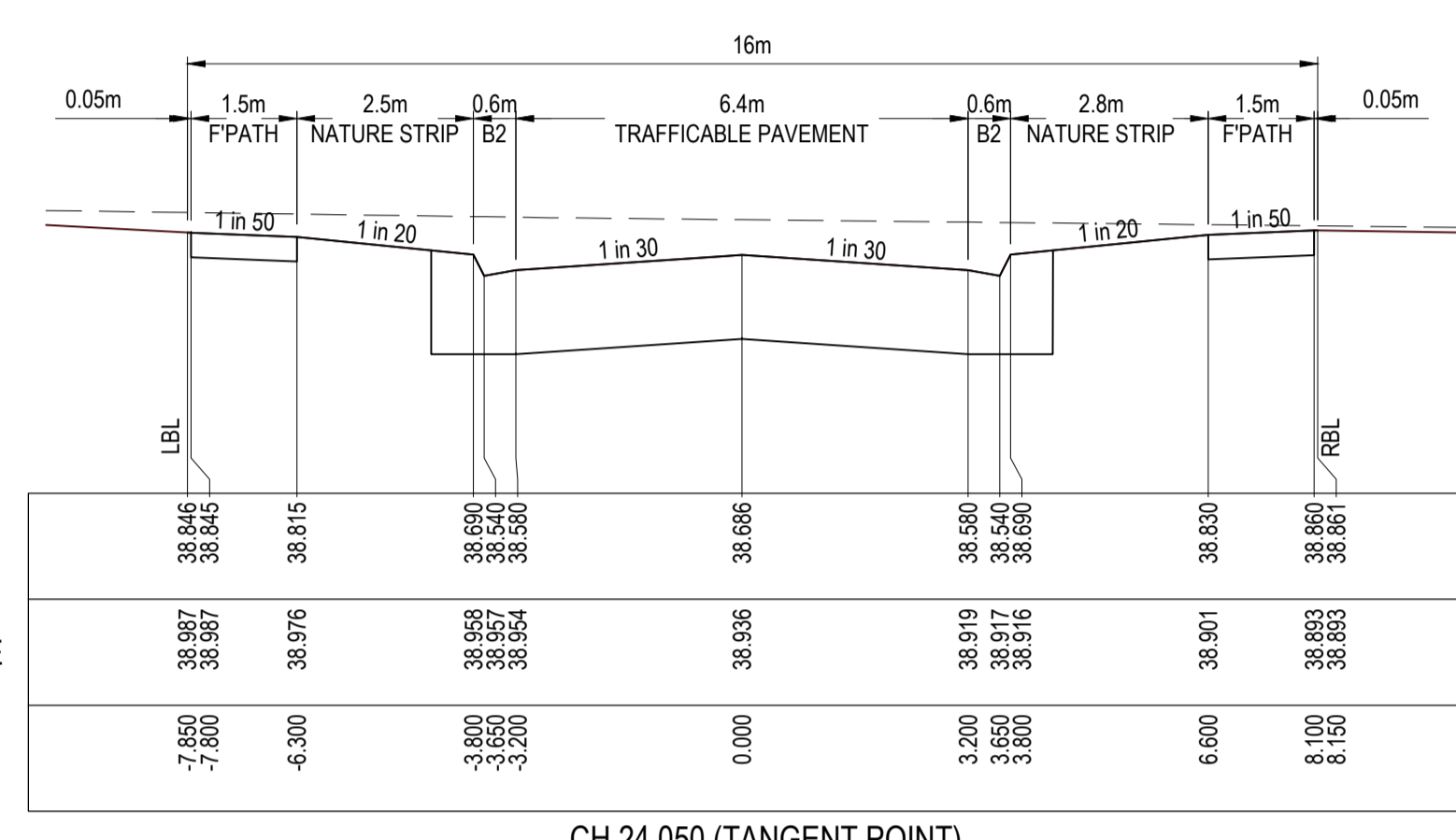
LEGEND

	EXISTING SURFACE
	DESIGN LINE
	STRUCTURAL FILL

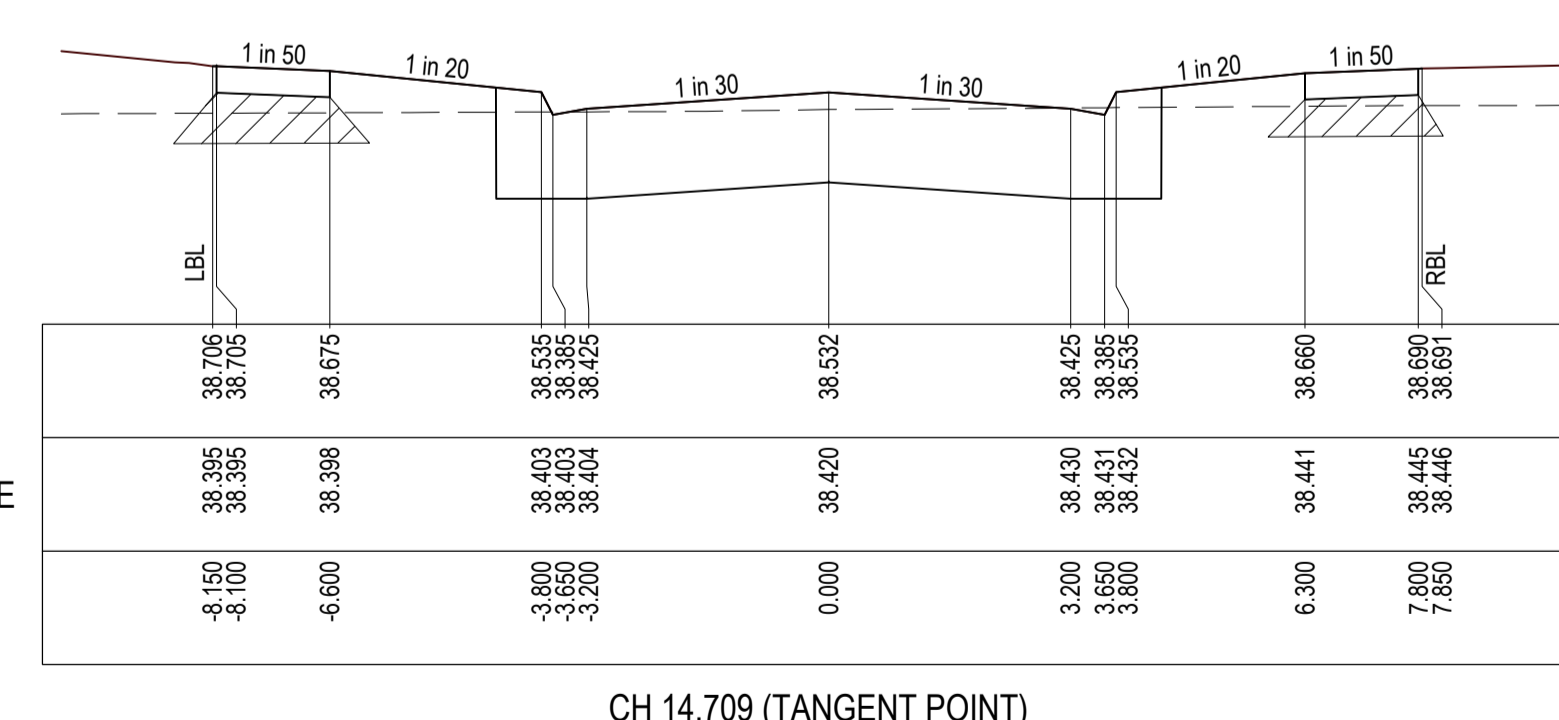
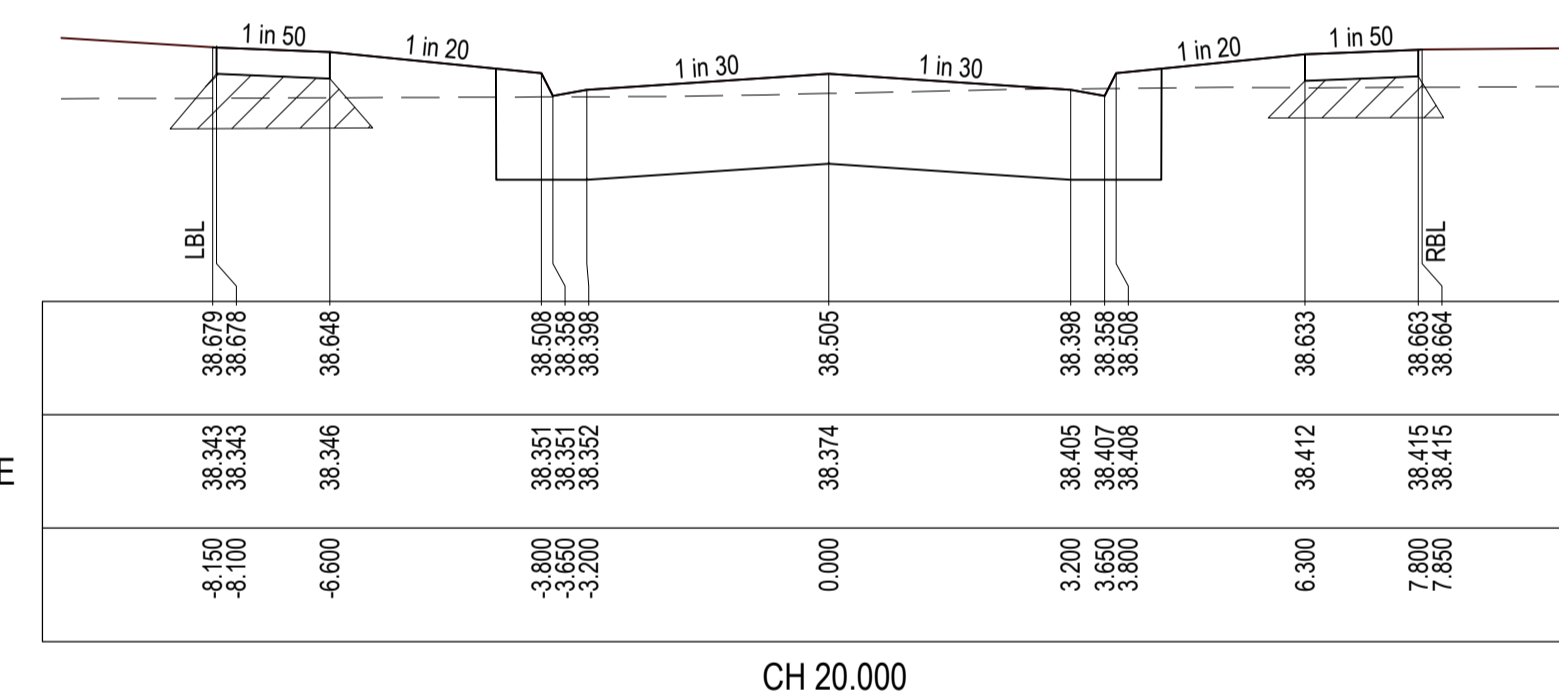
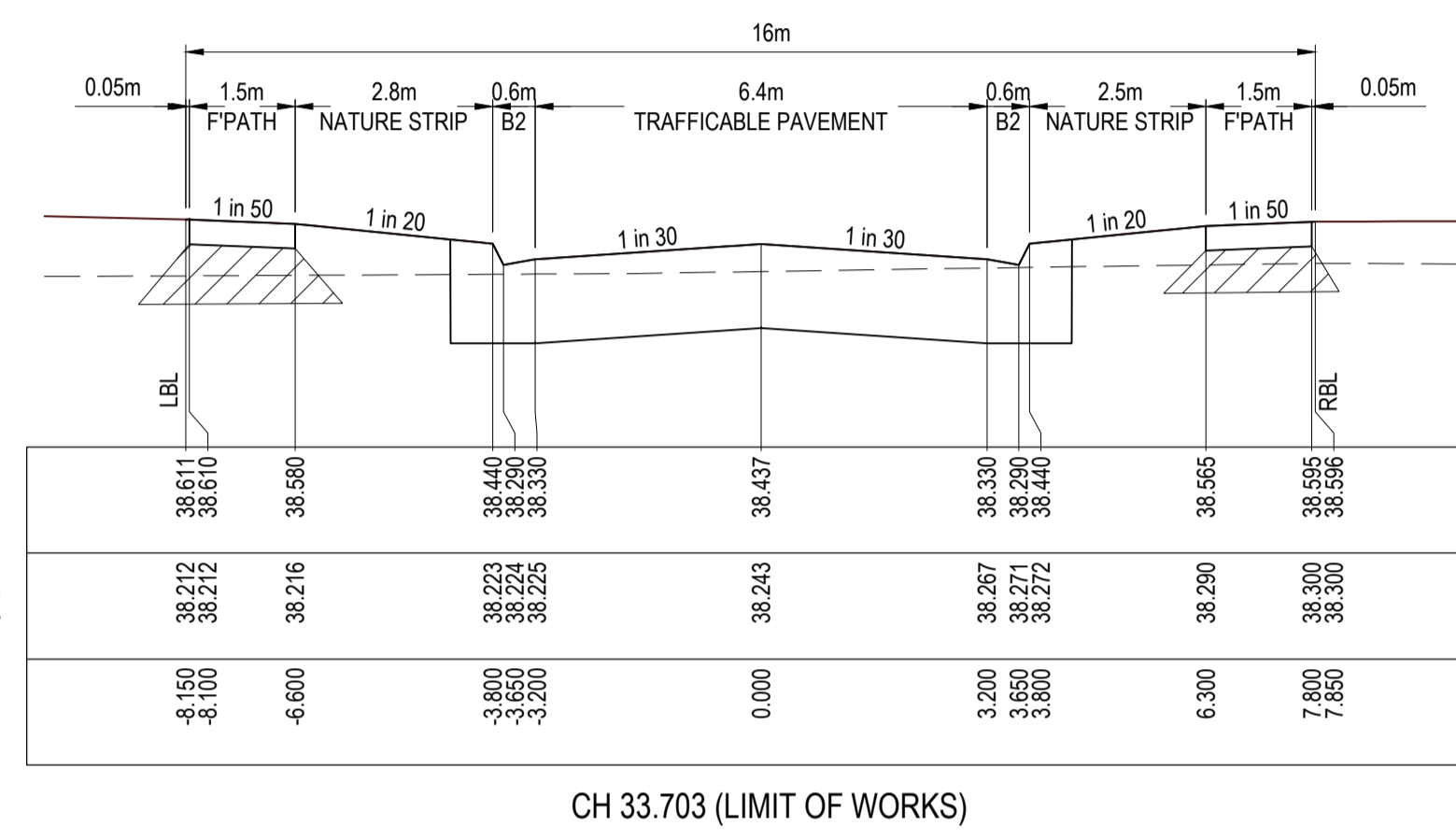


NOTE:
 CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

NOTE:
 SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.



KUNO WAY



TOWAMBA WAY

P:\2020\20282 - ALAMORA - TOWNSET\20282 - MICHYLLIC DRAFTING\CAD\20282_14 - R500 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P	M.P	M.T
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P	M.P	M.T
B	27/06/23	ISSUED FOR TENDER	M.P	M.P	M.T
A	02/06/23	ISSUED FOR APPROVAL	M.P	M.P	M.T

CLIENT

villawood
properties
Communities Designed for Living

PROJECT

creo
CONSULTANTS
Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

DRAWING TITLE

ALAMORA
Tarnait

STATUS

ALAMORA - STAGE 14
ROAD CROSS SECTION - 6
KUNO WAY & TOWAMBA WAY

SCALE AT A1

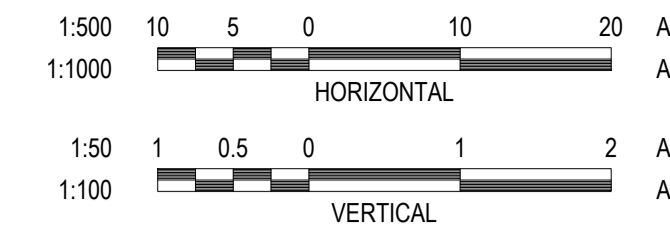
AS SHOWN

AS CONSTRUCTED

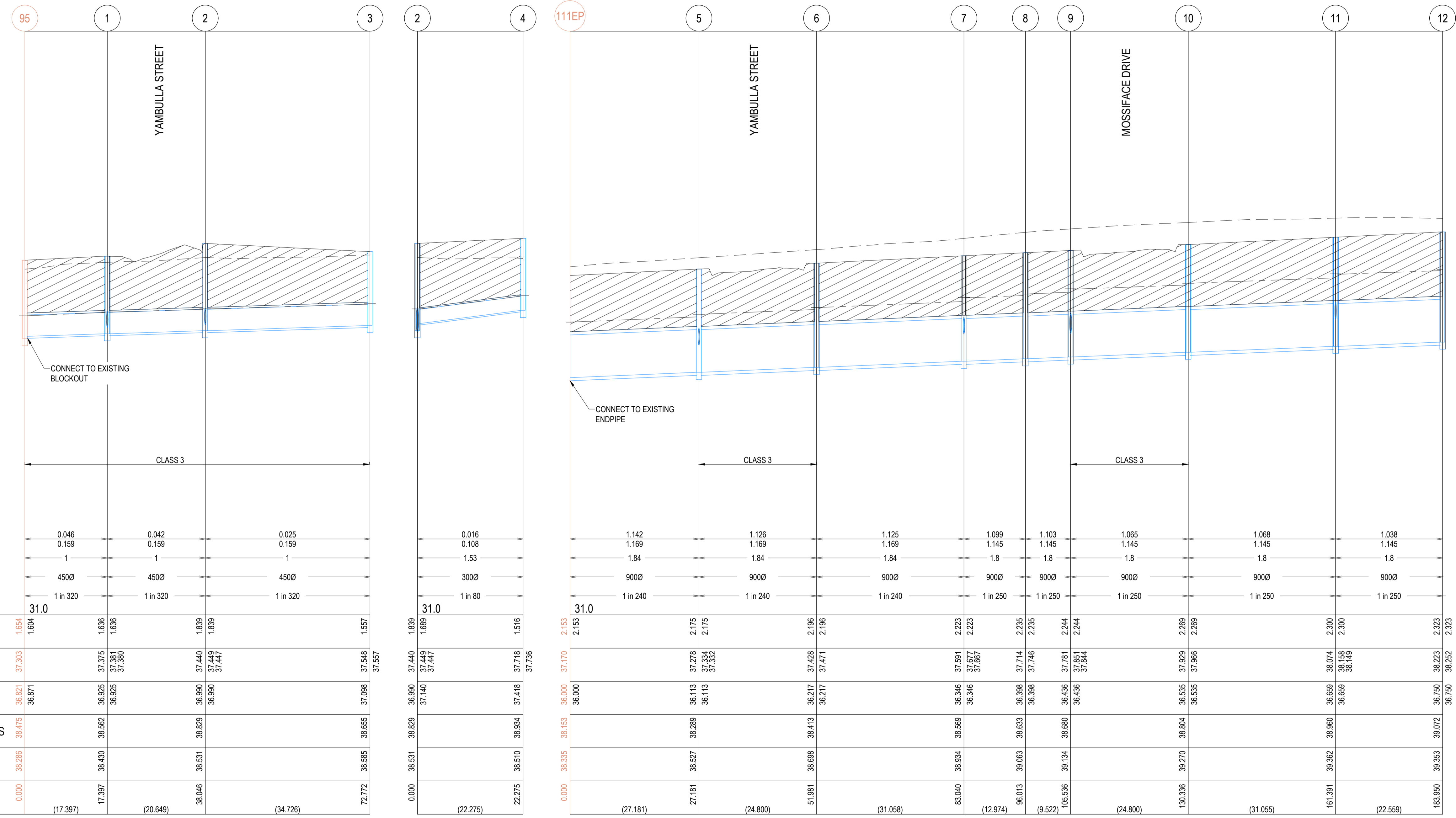
AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R504	AC

LEGEND

- EXISTING SURFACE
- DESIGN SURFACE
- DRAINAGE PIPE/PIT
- HYDRUALIC GRADE LINE
- CRUSHED ROCK BACKFILL
- PROPOSED SEWER MAIN



WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
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P:\2020\20282 - ALAMORA - STAGE 14 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P	M.P	M.T
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P	M.P	M.T
B	27/06/23	ISSUED FOR TENDER	M.P	M.P	M.T
A	02/06/23	ISSUED FOR APPROVAL	M.P	M.P	M.T

CLIENT

Communities Designed for Living

creo CONSULTANTS

Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

PROJECT

DRAWING TITLE

**ALAMORA - STAGE 14
DRAINAGE LONGITUDINAL SECTIONS - 1**

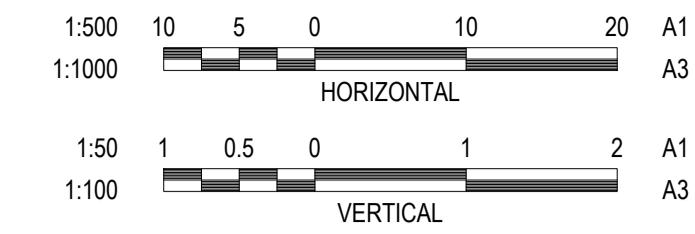
STATUS

AS CONSTRUCTED

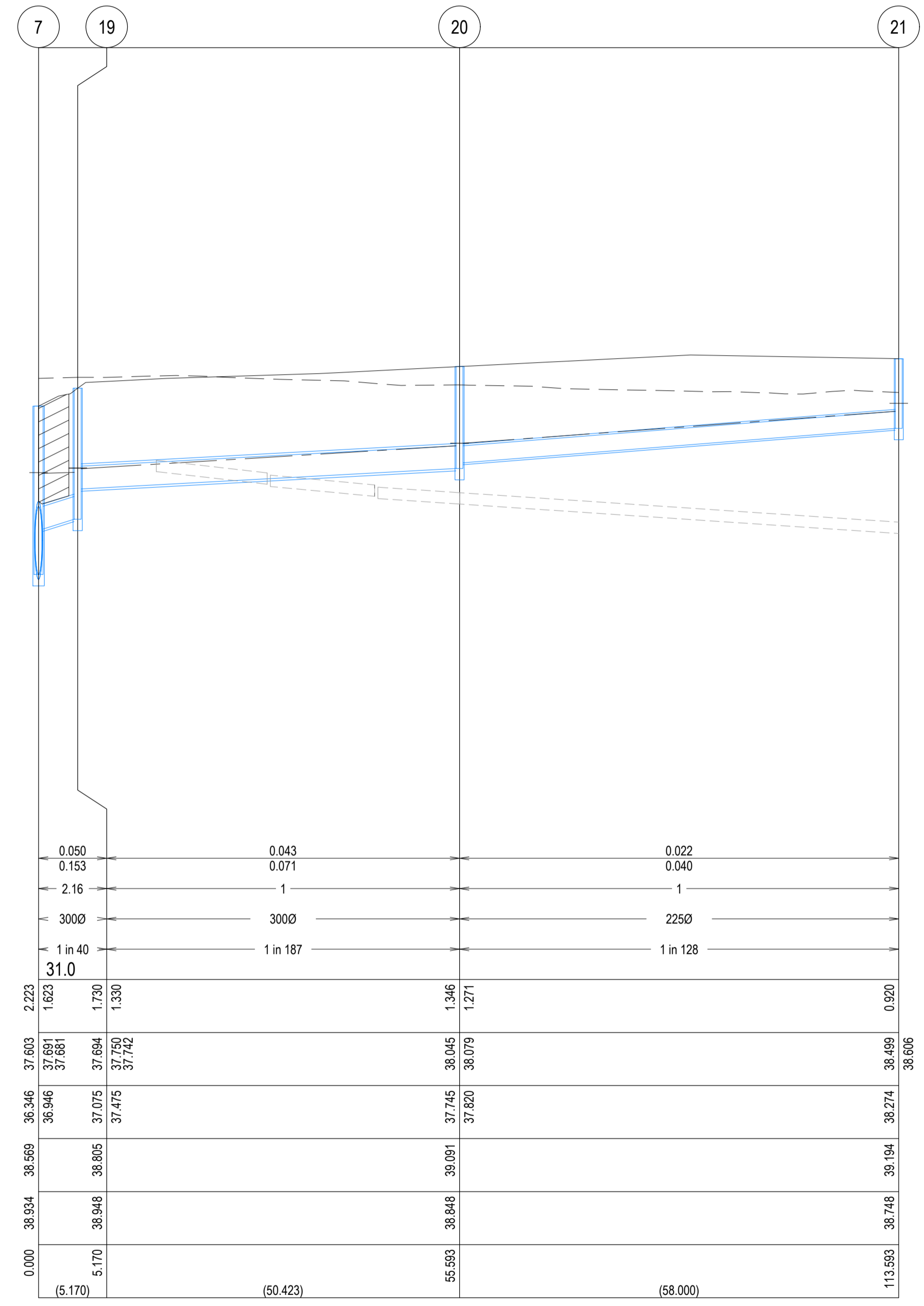
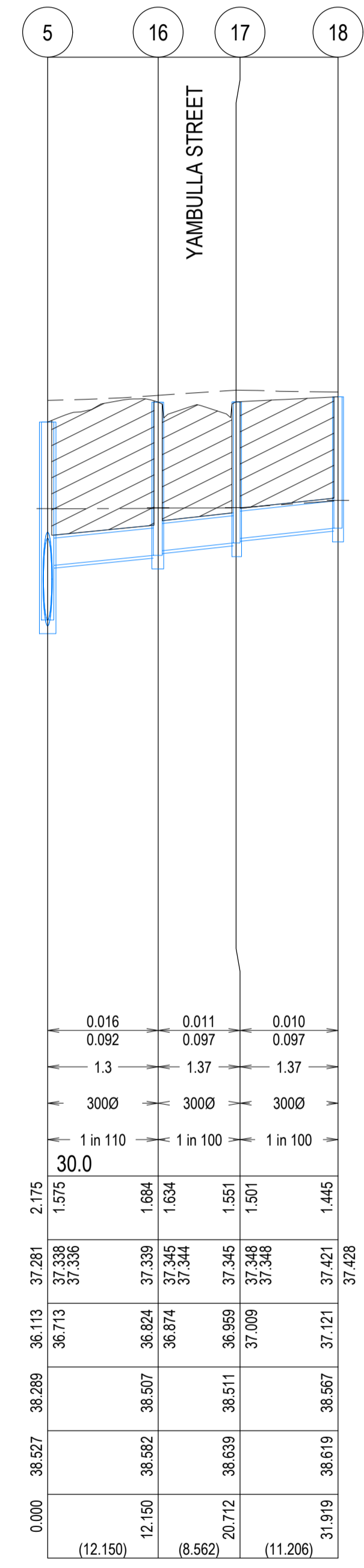
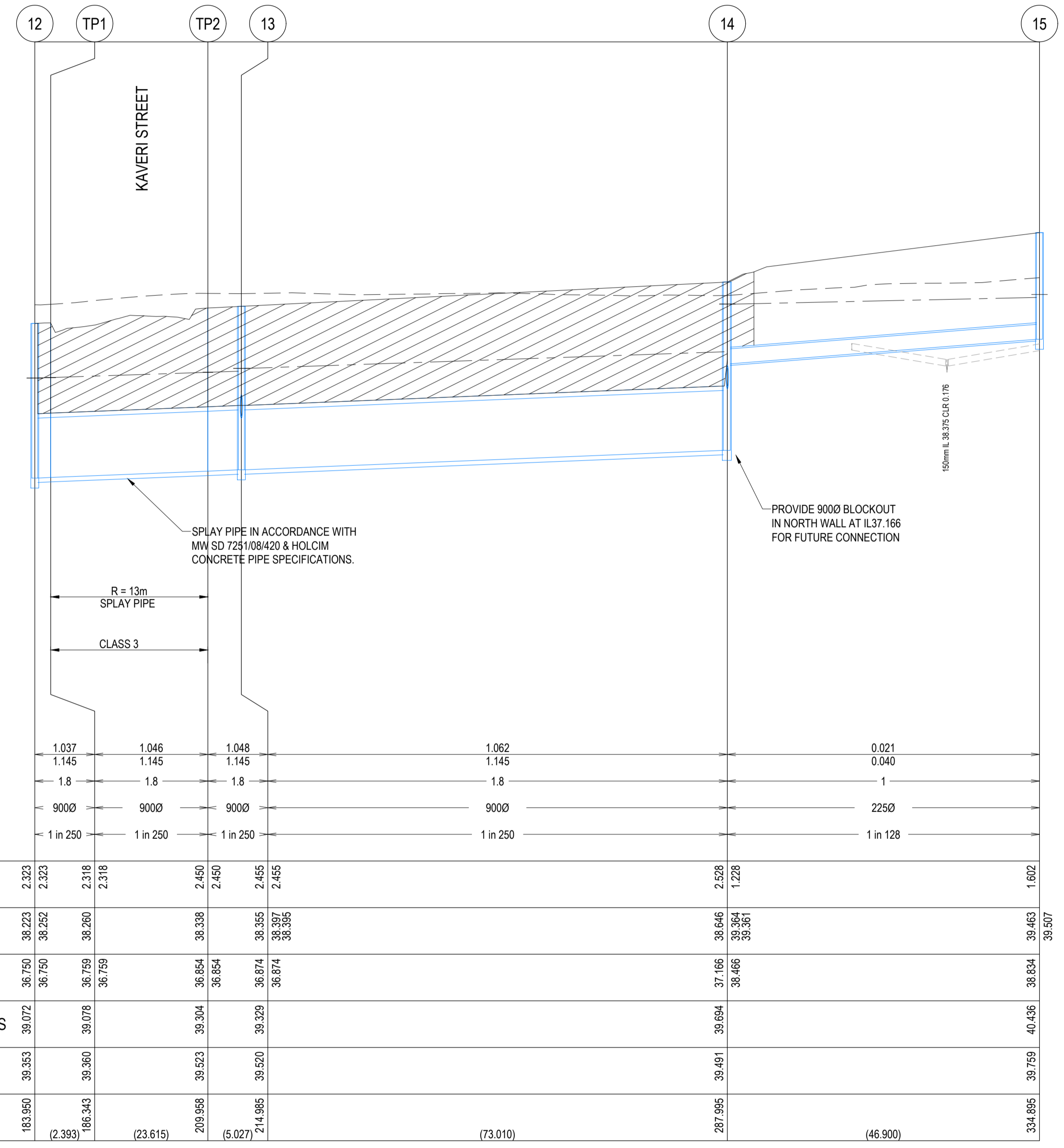
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R600	AC

LEGEND

- EXISTING SURFACE
- DESIGN SURFACE
- DRAINAGE PIPE/PIT
- HYDRUALIC GRADE LINE
- CRUSHED ROCK BACKFILL
- PROPOSED SEWER MAIN



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P:\2020\20282 - ALAMORA TOWNSET\20282 - HIGH/LIC DRAFTING\20282 14 - R600 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P	M.P	M.T
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P	M.P	M.T
B	27/06/23	ISSUED FOR TENDER	M.P	M.P	M.T
A	02/06/23	ISSUED FOR APPROVAL	M.P	M.P	M.T

CLIENT

Communities Designed for Living

PROJECT

Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

DRAWING TITLE

ALAMORA - STAGE 14
DRAINAGE LONGITUDINAL SECTIONS - 2

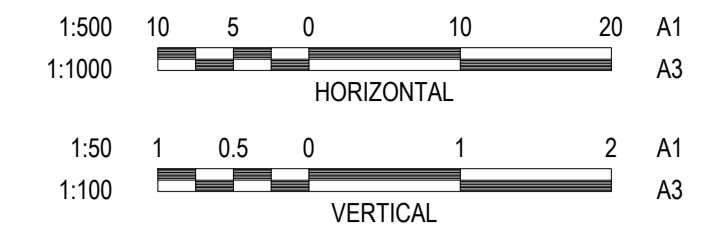
STATUS

AS CONSTRUCTED

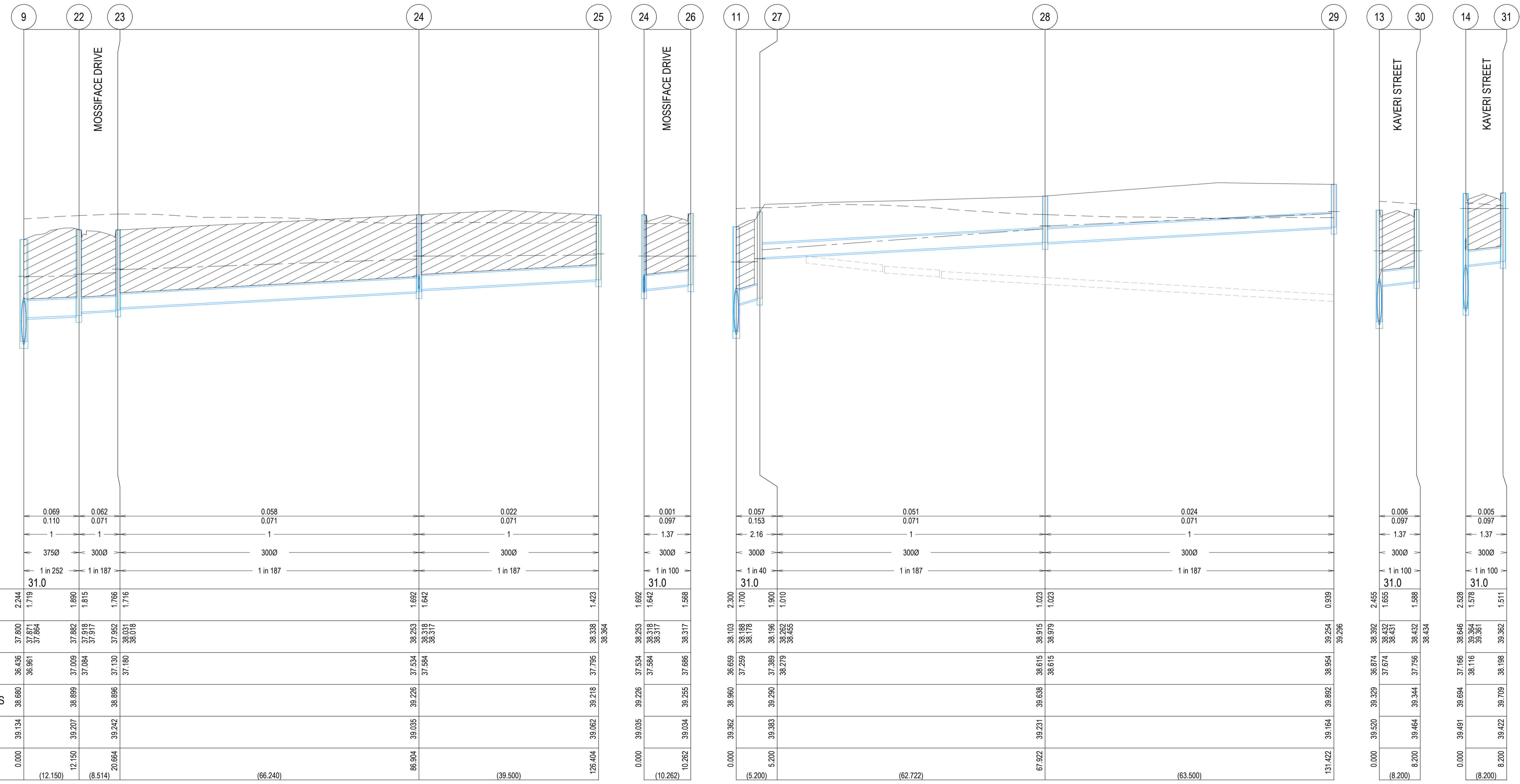
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R601	AC

LEGEND

- EXISTING SURFACE
- DESIGN SURFACE
- DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE
- CRUSHED ROCK BACKFILL
- PROPOSED SEWER MAIN



WARNING
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DESIGN FLOW (m3/s)	0.069	0.062	0.058	0.022
CAPACITY (m3/s)	0.110	0.071	0.071	0.071
AT GRADE VELOCITY (m/s)	1	1	1	1
PIPE SIZE (mm)	3750	3000	3000	3000
GRADE DATUM	1 in 252	1 in 187	1 in 187	1 in 187
DEPTH TO INVERT	2.244 37.800 37.874 37.864	1.890 37.882 37.918 37.917	1.692 38.253 38.318 38.317	1.423 38.338 38.364
HYDRAULIC GRADE LINE	36.436 36.961	37.009 37.084	37.534 37.584	37.795 37.795
INVERT LEVEL	36.680 36.680	36.899 37.084	36.899 37.584	36.899 37.795
FINISHED SURFACE LEVELS	39.134 39.680	39.207 39.899	39.035 39.226	39.022 39.218
EXISTING SURFACE LEVEL	0.000 39.134	12.150 39.207	20.664 39.242	126.404 39.022
CHAINAGE (Reach Length)	0.000 (12.150)	20.664 (8.514)	86.904 (66.240)	126.404 (39.500)

DESIGN FLOW (m3/s)	0.057	0.051	0.024	
CAPACITY (m3/s)	0.153	0.071	0.071	
AT GRADE VELOCITY (m/s)	2.16	1	1	
PIPE SIZE (mm)	3000	3000	3000	
GRADE DATUM	1 in 40	1 in 187	1 in 187	
DEPTH TO INVERT	2.300 38.103 38.188 38.178	1.900 38.196 38.279 38.455	1.023 38.615 38.979 38.954	0.939 39.254 39.296
HYDRAULIC GRADE LINE	36.659 37.259	37.389 38.279	38.615 38.615	38.954 38.954
INVERT LEVEL	36.960 37.259	37.389 38.279	38.615 38.615	38.954 38.954
FINISHED SURFACE LEVELS	39.362 39.960	39.363 39.290	39.638 39.638	39.892 39.892
EXISTING SURFACE LEVEL	0.000 39.362	5.200 39.363	67.922 39.231	131.422 39.164
CHAINAGE (Reach Length)	0.000 (5.200)	5.200 (39.500)	67.922 (62.722)	131.422 (63.500)

DESIGN FLOW (m3/s)	0.006	0.005
CAPACITY (m3/s)	0.097	0.097
AT GRADE VELOCITY (m/s)	1.37	1.37
PIPE SIZE (mm)	3000	3000
GRADE DATUM	1 in 100	1 in 100
DEPTH TO INVERT	2.465 38.302 38.330 38.431	2.528 38.646 38.364 39.361
HYDRAULIC GRADE LINE	36.874 37.674	37.166 38.116
INVERT LEVEL	36.874 37.674	37.166 38.116
FINISHED SURFACE LEVELS	39.329 39.684	39.694 39.709
EXISTING SURFACE LEVEL	0.000 39.329	8.200 39.422
CHAINAGE (Reach Length)	0.000 (8.200)	8.200 (8.200)

P:\2020\20282 - ALAMORA - TOWNSET\20282 - CIVIL\2 - DRAFTING\20282_14 - R600 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P	M.P	M.T
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P	M.P	M.T
B	27/06/23	ISSUED FOR TENDER	M.P	M.P	M.T
A	02/06/23	ISSUED FOR APPROVAL	M.P	M.P	M.T

villawood properties
 Communities Designed for Living

creo CONSULTANTS
 Suite 1, 2 Bloomsbury Street
 Geelong, VIC, Australia 3220

ALAMORA
Tarnait

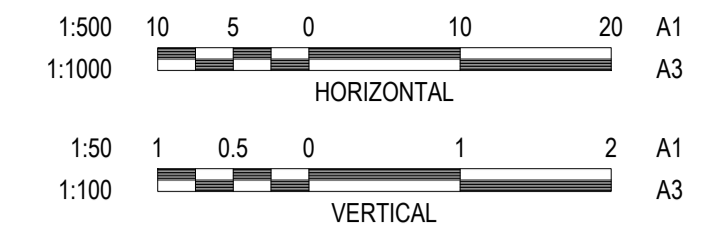
ALAMORA - STAGE 14
DRAINAGE LONGITUDINAL SECTIONS - 3

AS CONSTRUCTED

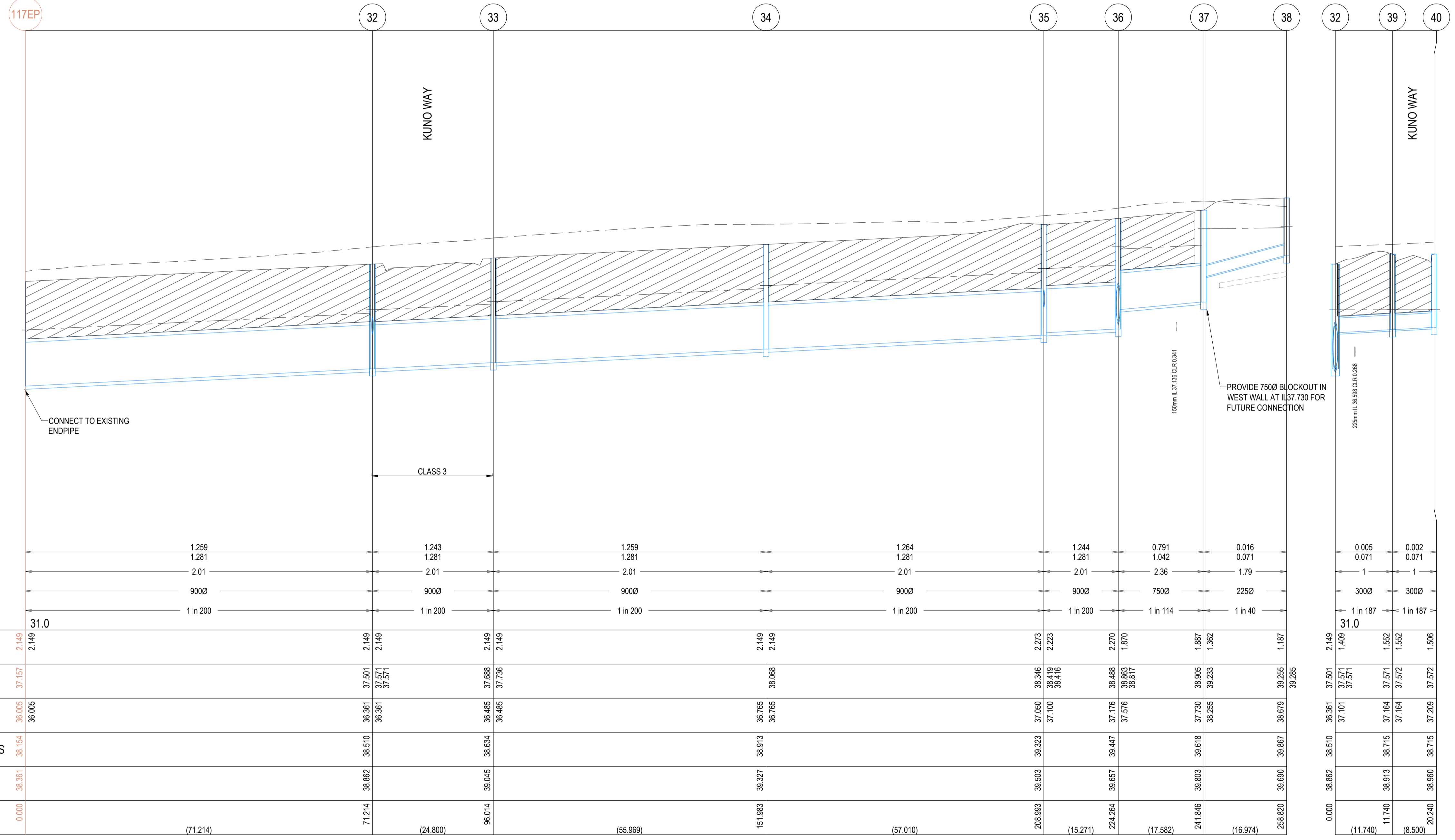
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R602	AC

LEGEND

- EXISTING SURFACE
- DESIGN SURFACE
- DRAINAGE PIPE/PIT
- HYDRUALIC GRADE LINE
- CRUSHED ROCK BACKFILL
- PROPOSED SEWER MAIN



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	117EP	32	33	34	35	36	37	38	32	39	40
DESIGN FLOW (m3/s)		1.259	1.243	1.259	1.264	1.244	0.791	0.016	0.005	0.002	
CAPACITY (m3/s)		1.281	1.281	1.281	1.281	1.281	1.042	0.071	0.071	0.071	
AT GRADE VELOCITY (m/s)		2.01	2.01	2.01	2.01	2.01	2.36	1.79	1	1	
PIPE SIZE (mm)		9000	9000	9000	9000	9000	7500	2250	3000	3000	
GRADE DATUM	31.0	1 in 200	1 in 200	1 in 200	1 in 200	1 in 200	1 in 114	1 in 40	1 in 187	1 in 187	
DEPTH TO INVERT	2.149	2.149	2.149	2.149	2.149	2.273	1.870	1.887	1.409	1.552	1.506
HYDRAULIC GRADE LINE	37.157	37.501	37.571	38.088	38.346	38.416	38.688	39.285	37.501	37.571	37.572
INVERT LEVEL	36.005	36.361	36.485	36.765	37.050	37.100	37.176	37.730	37.101	37.164	37.209
FINISHED SURFACE LEVELS	38.154	38.510	38.634	38.913	39.323	39.416	39.447	39.618	38.510	38.715	38.715
EXISTING SURFACE LEVEL	35.951	36.862	39.045	39.327	39.503	39.657	39.803	39.690	36.862	36.913	36.960
CHAINAGE (Reach Length)	0.000	71.214	(24.800)	96.014	151.983	(55.969)	208.993	(15.271)	224.284	(17.582)	241.846
		(71.214)		(55.969)			(57.010)		258.820	(16.974)	285.820

P:\2022\2022 - ALAMORA - TARNHEIM\2022 - HIGH/LIC DRAFTING\CAD\2022\14 - R600 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P.	M.P.	M.T.
1	14/11/23	SLOOP STREET EXTENDED DRIVEWAY	M.P.	M.P.	M.T.
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P.	M.P.	M.T.
B	27/06/23	ISSUED FOR TENDER	M.P.	M.P.	M.T.
A	02/06/23	ISSUED FOR APPROVAL	M.P.	M.P.	M.T.

CLIENT

Communities Designed for Living

PROJECT

Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

DRAWING TITLE

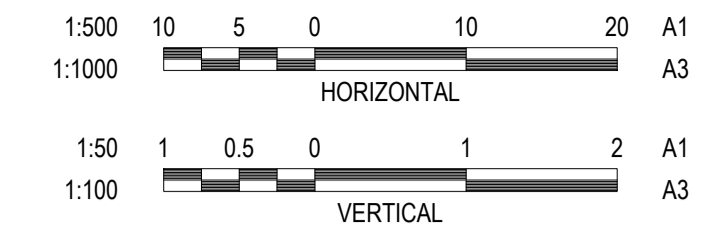
ALAMORA - STAGE 14
DRAINAGE LONGITUDINAL SECTIONS - 4

STATUS

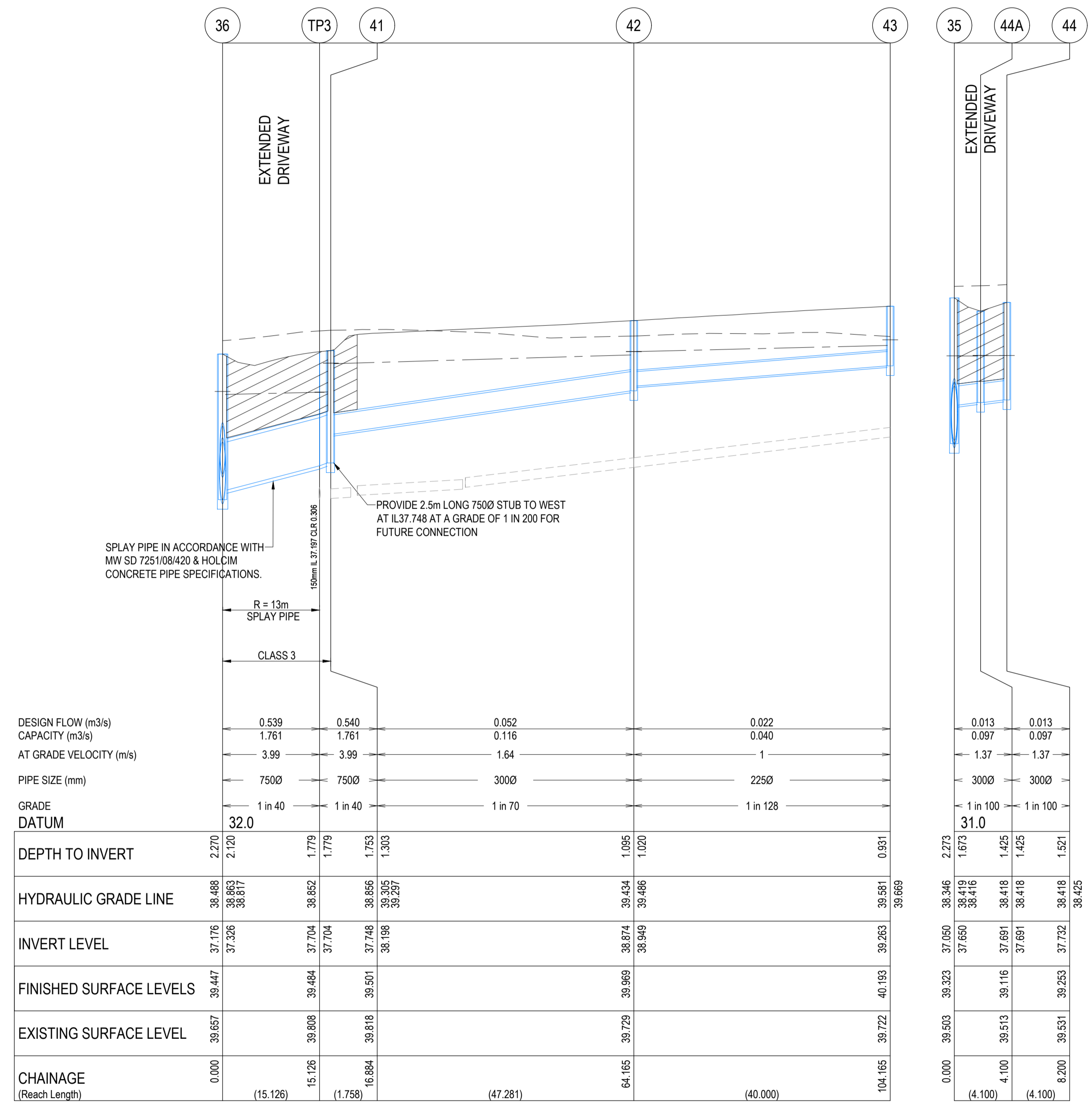
AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R603	AC

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	HYDRUALIC GRADE LINE
	CRUSHED ROCK BACKFILL
	PROPOSED SEWER MAIN



WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
 The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works.
DIAL 1100 BEFORE YOU DIG
 www.1100.com.au



P:\2020\20282 - ALAMORA - TOWNSET\20282 - HIGH/LC DRAFTING\20282_14 - R600 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P	M.P	M.T
1	14/11/23	SLOOP STREET EXTENDED DRIVEWAY	M.P	M.P	M.T
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P	M.P	M.T
B	27/06/23	ISSUED FOR TENDER	M.P	M.P	M.T
A	02/06/23	ISSUED FOR APPROVAL	M.P	M.P	M.T

CLIENT

Communities Designed for Living

creo CONSULTANTS

Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

PROJECT

DRAWING TITLE

**ALAMORA - STAGE 14
DRAINAGE LONGITUDINAL SECTIONS - 5**

STATUS




AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R604	AC

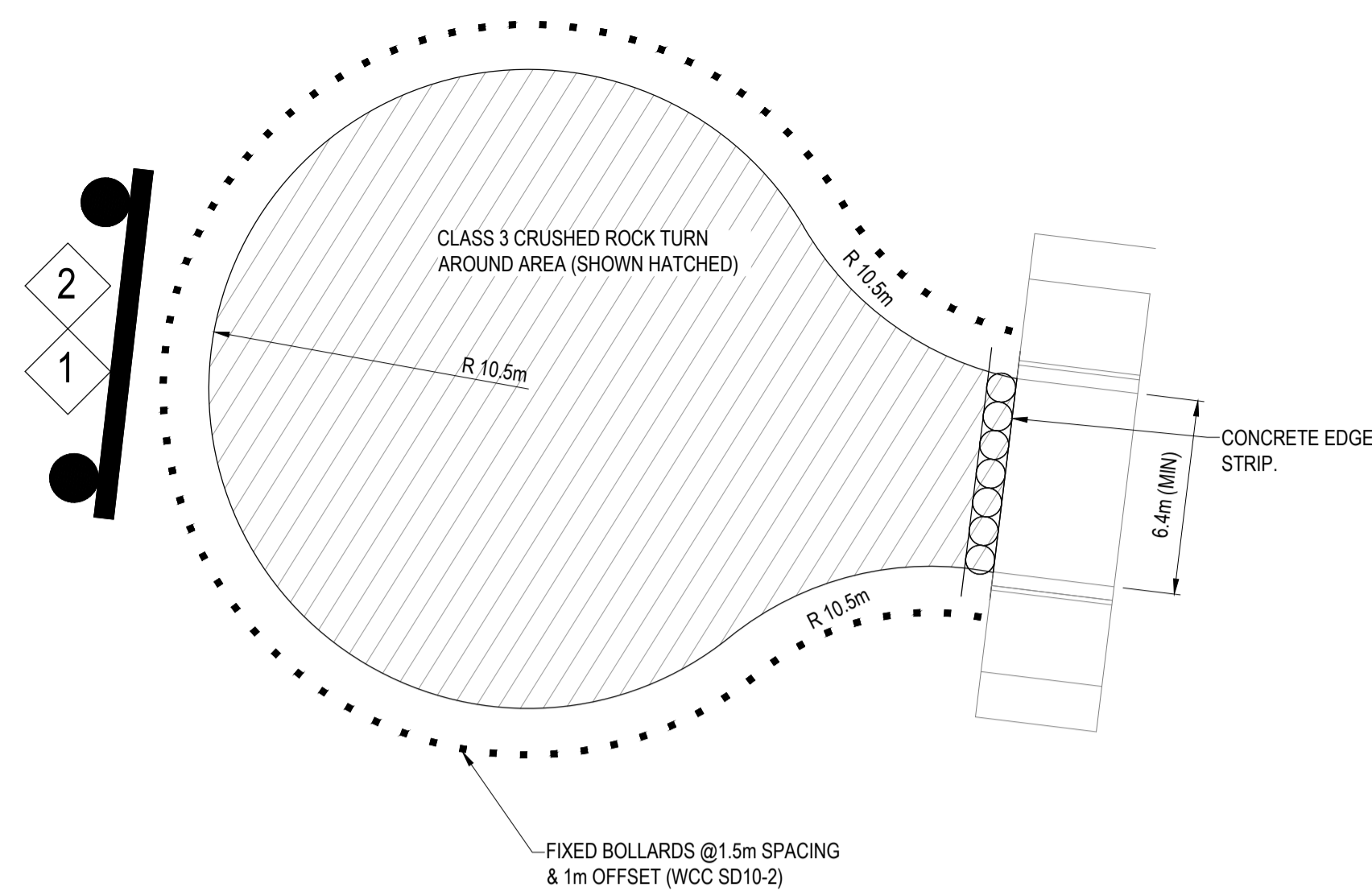
WARNING
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DIAL 1100 BEFORE YOU DIG
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PIT NAME	TYPE	PIT SCHEDULE										REMARKS
		INTERNAL		INLET		OUTLET		F.S.L. (m)	DEPTH(m)	STANDARD DRAWING		
		WIDTH(mm)	LENGTH(mm)	DIAMETER(mm)	INVERT R.L.(m)	DIAMETER	INVERT R.L.(m)					
95	Ex.GRATED ENTRY PIT	900	900	450	36.871	Ex.450	36.821	38.475	1.654	-	CONNECT TO EXISTING BLOCKOUT	
1	GRATED ENTRY PIT	900	900	450	36.925	450	36.925	38.562	1.636	EDCM 601 & 607	HAUNCHED TO 600x900 COVER	
2	GRATED ENTRY PIT	900	900	450	36.990	450	36.990	38.829	1.839	EDCM 601 & 607	HAUNCHED TO 600x900 COVER	
				300	37.140							
3	GRATED ENTRY PIT	900	900			450	37.098	38.655	1.557	EDCM 601 & 607	HAUNCHED TO 600x900 COVER	
4	JUNCTION PIT	600	900			300	37.418	38.934	1.516	EDCM 605		
111EP	Ex.ENDPIPE	-	-	900	36.000	Ex.900	36.000	38.153	2.153	-	CONNECT TO EXISTING ENDPIPE	
5	GRATED ENTRY PIT	1200	900	900	36.113	900	36.113	38.289	2.175	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**.	
				300	36.713							
6	GRATED ENTRY PIT	1200	900	900	36.217	900	36.217	38.413	2.196	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**.	
7	JUNCTION PIT	1200	900	900	36.346	900	36.346	38.569	2.223	EDCM 605 & 607	HAUNCHED TO 600x900 COVER**.	
				300	36.946							
8	GRATED ENTRY PIT	1200	900	900	36.398	900	36.398	38.633	2.235	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**.	
9	GRATED ENTRY PIT	1200	900	900	36.436	900	36.436	38.680	2.244	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**.	
				375	36.961							
10	GRATED ENTRY PIT	1200	900	900	36.535	900	36.535	38.804	2.269	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**.	
11	GRATED ENTRY PIT	1200	900	900	36.659	900	36.659	38.960	2.300	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**.	
				300	37.259							
12	GRATED ENTRY PIT	1200	900	900	36.750	900	36.750	39.072	2.323	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**.	
TP1	TANGENT POINT			900	36.759	900	36.759	39.078	2.318	-	(E:291910.911, N:5807243.003). SPLAY PIPE IN ACCORDANCE WITH MW SD 7251/08/420 & HOLCIM CONCRETE PIPE SPECIFICATIONS.	
TP2	TANGENT POINT			900	36.854	900	36.854	39.304	2.450	-	(E:291908.180, N:5807263.320). SPLAY PIPE IN ACCORDANCE WITH MW SD 7251/08/420 & HOLCIM CONCRETE PIPE SPECIFICATIONS.	
13	GRATED ENTRY PIT	1200	900	900	36.874	900	36.874	39.329	2.455	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**.	
				300	37.674							
14	GRATED ENTRY PIT	1200	900	225	38.366	900	37.166	39.694	2.528	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**. PROVIDE 900Ø BLOCKOUT IN NORTH WALL AT IL37.166 FOR FUTURE CONNECTION.	
				300	38.116							
				Fut.900	37.166							
15	JUNCTION PIT	600	900			225	38.835	40.436	1.601	EDCM 605		
16	GRATED ENTRY PIT	600	900	300	36.874	300	36.824	38.507	1.684	EDCM 601		
17	GRATED ENTRY PIT	600	900	300	37.009	300	36.959	38.511	1.551	EDCM 601		
18	GRATED ENTRY PIT	600	900			300	37.121	38.567	1.445	EDCM 601		
19	JUNCTION PIT	600	900	300	37.475	300	37.075	38.805	1.730	EDCM 605		
20	JUNCTION PIT	600	900	225	37.820	300	37.745	39.091	1.346	EDCM 605		
21	JUNCTION PIT	600	900			225	38.274	39.194	0.920	EDCM 605		
22	GRATED ENTRY PIT	600	900	300	37.084	375	37.009	38.899	1.890	EDCM 601		
23	GRATED ENTRY PIT	600	900	300	37.180	300	37.130	38.896	1.766	EDCM 601		
24	GRATED ENTRY PIT	600	900	300	37.584	300	37.534	39.226	1.692	EDCM 601		
				300	37.584							
25	GRATED ENTRY PIT	600	900			300	37.795	39.218	1.423	EDCM 601		
26	GRATED ENTRY PIT	600	900			300	37.686	39.255	1.568	EDCM 601		
27	JUNCTION PIT	600	900	300	38.279	300	37.389	39.290	1.900	EDCM 605		
28	JUNCTION PIT	600	900	300	38.615	300	38.615	39.638	1.023	EDCM 605		
29	JUNCTION PIT	600	900			300	38.954	39.892	0.939	EDCM 605		
30	GRATED ENTRY PIT	600	900			300	37.756	39.344	1.588	EDCM 601		
31	GRATED ENTRY PIT	600	900			300	38.198	39.709	1.511	EDCM 601		
117EP	Ex.ENDPIPE	-	-	900	36.005	Ex.900	36.005	38.154	2.149	-	CONNECT TO EXISTING ENDPIPE	
32	GRATED ENTRY PIT	1200	900	900	36.361	900	36.361	38.510	2.149	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**.	
				300	37.101							
33	GRATED ENTRY PIT	1200	900	900	36.485	900	36.485	38.634	2.149	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**.	
34	GRATED ENTRY PIT	1200	900	900	36.765	900	36.765	38.913	2.149	EDCM 601 & 607	HAUNCHED TO 600x900 COVER**.	
35	JUNCTION PIT	1200	900	900	37.100	900	37.050	39.323	2.273	EDCM 607	HAUNCHED TO 600x900 COVER**.	
				300	37.650							
36	JUNCTION PIT	1200	900	750	37.576	900	37.176	39.447	2.270	EDCM 607	HAUNCHED TO 600x900 COVER**.	
				750	37.326							
37	JUNCTION PIT	1050	900	225	38.255	750	37.730	39.618	1.887	EDCM 607	HAUNCHED TO 600x900 COVER**. PROVIDE 750Ø BLOCKOUT IN WEST WALL AT IL37.730 FOR FUTURE CONNECTION.	
				Fut.750	37.730							
38	JUNCTION PIT	600	900			225	38.679	39.867	1.187	EDCM 605		
39	GRATED ENTRY PIT	600	900	300	37.164	300	37.164	38.715	1.552	EDCM 601		
40	GRATED ENTRY PIT	600	900			300	37.209	38.715	1.506	EDCM 601		
TP3				750	37.704	750	37.704	39.484	1.779		(E:291867.812, N:5807268.104). SPLAY PIPE IN ACCORDANCE WITH MW SD 7251/08/420 & HOLCIM CONCRETE PIPE SPECIFICATIONS.	
41	JUNCTION PIT	1050	900	300	38.198	750	37.748	39.501	1.753	EDCM 607	HAUNCHED TO 600x900 COVER**. PROVIDE 2.5m LONG 750Ø STUB TO WEST AT IL37.748 AT A GRADE OF 1 IN 200 FOR FUTURE CONNECTION.	
				Fut.750	37.748							
42	JUNCTION PIT	600	900	225	38.949	300	38.874	39.969	1.095	EDCM 605		
43	JUNCTION PIT	600	900			225	39.263	40.193	0.931	EDCM 605		
44A	GRATED PIT	600	900	300	37.691	300	37.691	39.116	1.425	EDCM 605	CLASS D, BICYCLE SAFE V-SHAPE GRATED COVER	
44	JUNCTION PIT	600	900			300	37.732	39.253	1.521	EDCM 605		

- ** - DENOTES PIT IS HAUNCHED TOWARDS ROAD CENTRELINE (UNDER ROAD PAVEMENT/KERB).
- ALL PIT COVERS TO BE PROVIDED IN ACCORDANCE WITH EDCM 605 - PIT COVER SCHEDULE.
- PITS WITHIN ROAD RESERVES ARE TO BE BACKFILLED AND COMPACTED WITH CLASS 3 FCR IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS AND REQUIREMENTS.

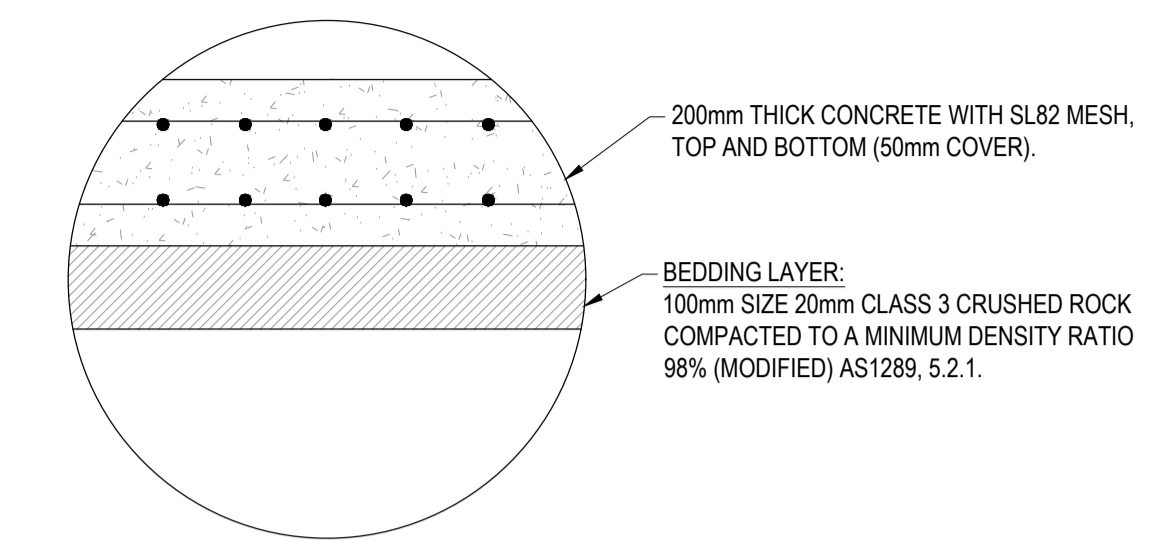
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
							 Suite 1, 2 Bloombsbury Street Geelong, VIC, Australia 3220	 ALAMORA - STAGE 14 DRAINAGE PIT SCHEDULE	AS CONSTRUCTED	AS SHOWN	M.PLANT	M.PLANT
										M.TROUNCE	M.TROUNCE	JUNE 2023
AC	10/07/24	AS CONSTRUCTED	M.P	M.P	M.T					PROJECT No.	DRAWING No.	REVISION
1	14/11/23	SLOOP STREET EXTENDED DRIVEWAY	M.P	M.P	M.T					200282.14	R605	AC
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P	M.P	M.T							
B	27/06/23	ISSUED FOR TENDER	M.P	M.P	M.T							
A	02/06/23	ISSUED FOR APPROVAL	M.P	M.P	M.T							

P:2023020282 - ALAMORA TARNET 200282 - ICH1412 DRAINAGE LONG SECTIONS.DWG

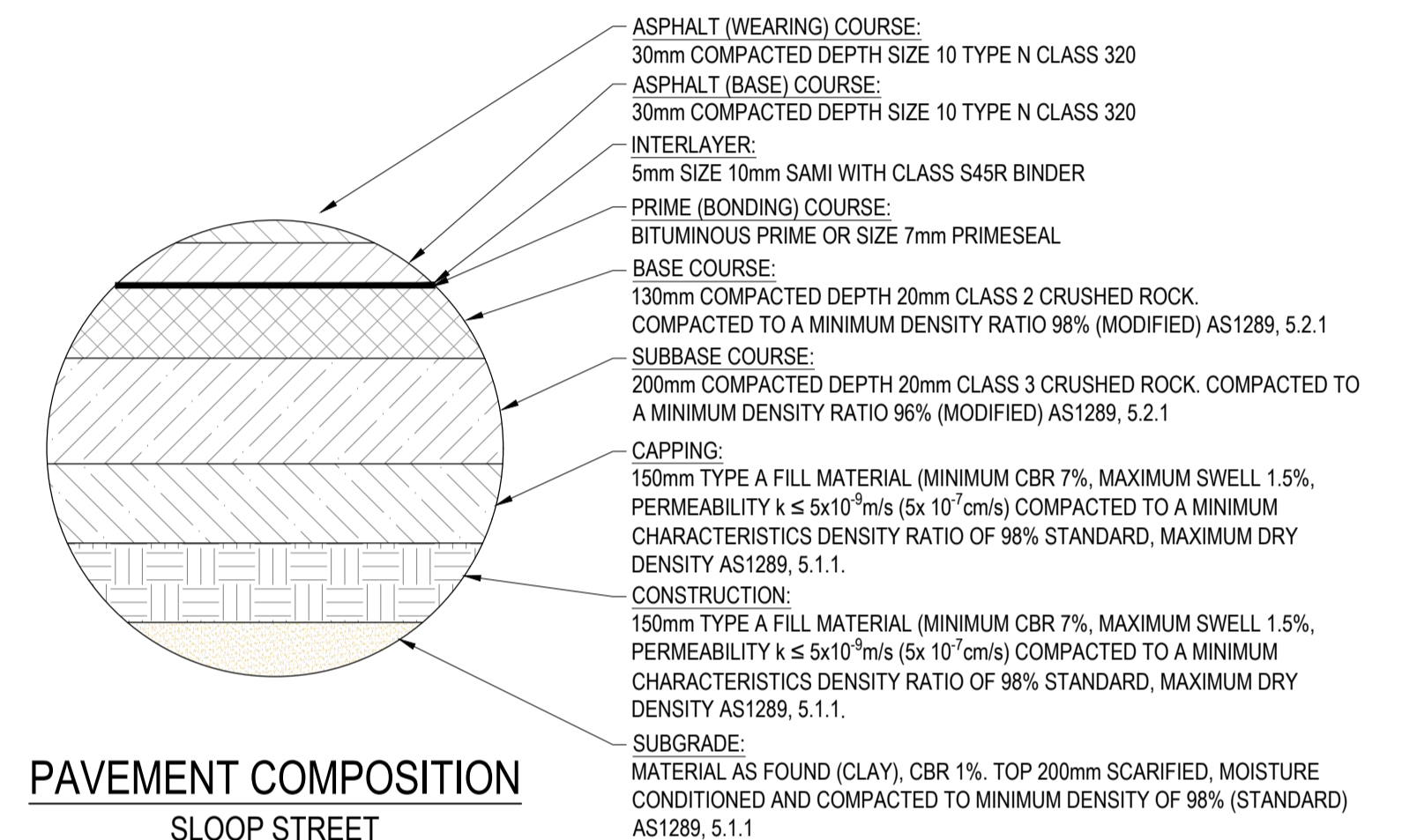


SIGN SCHEDULE	
SIGN	REF
	1
D4-5	
	2
T2-4A	

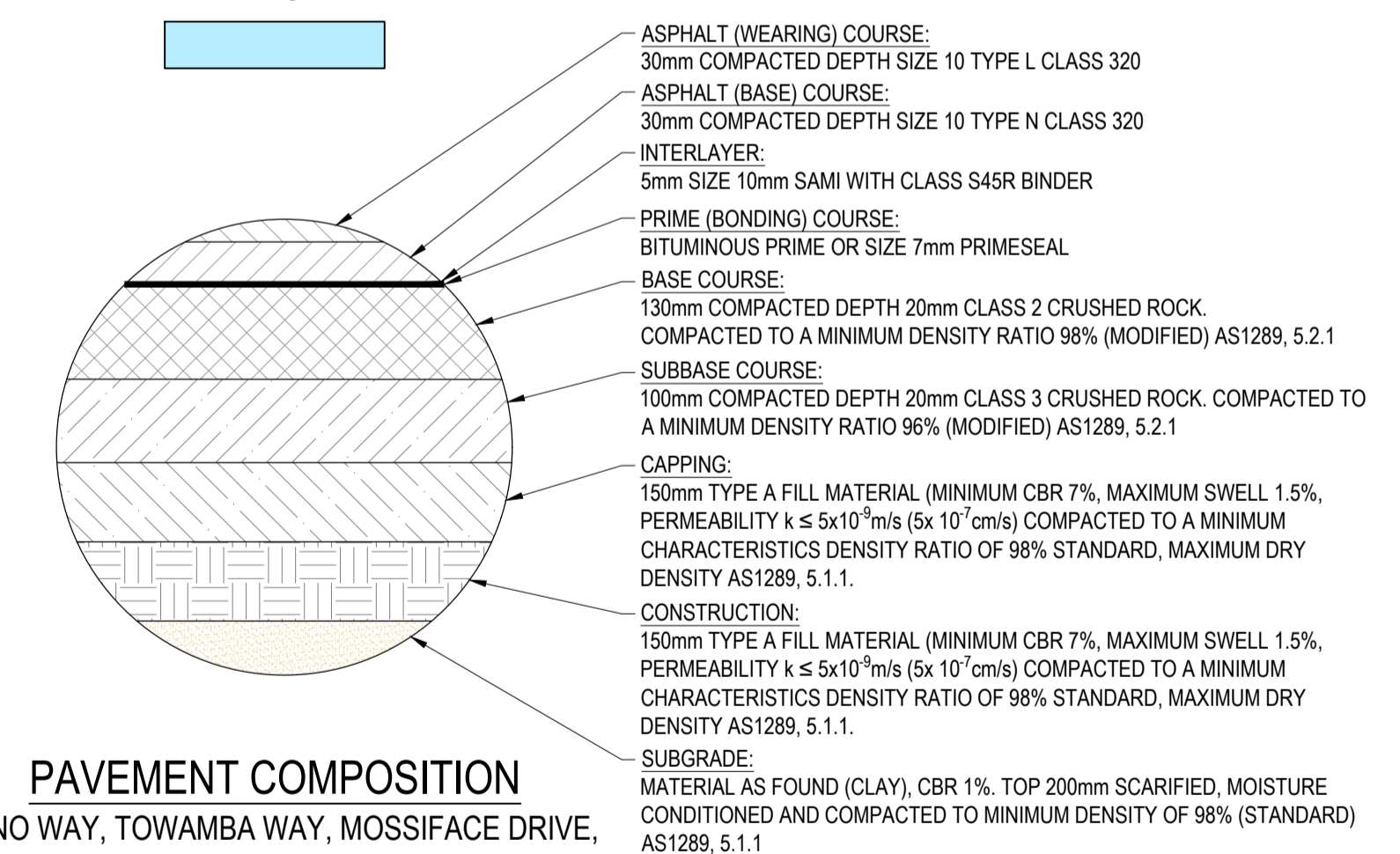
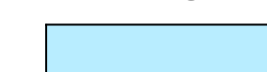
TYPICAL TEMPORARY TURN AREA
TYPICAL DETAIL
NTS



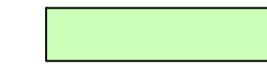
PAVEMENT COMPOSITION
SLOOP STREET EXTENDED DRIVEWAY
300mm DEPTH
NTS



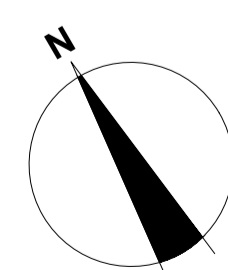
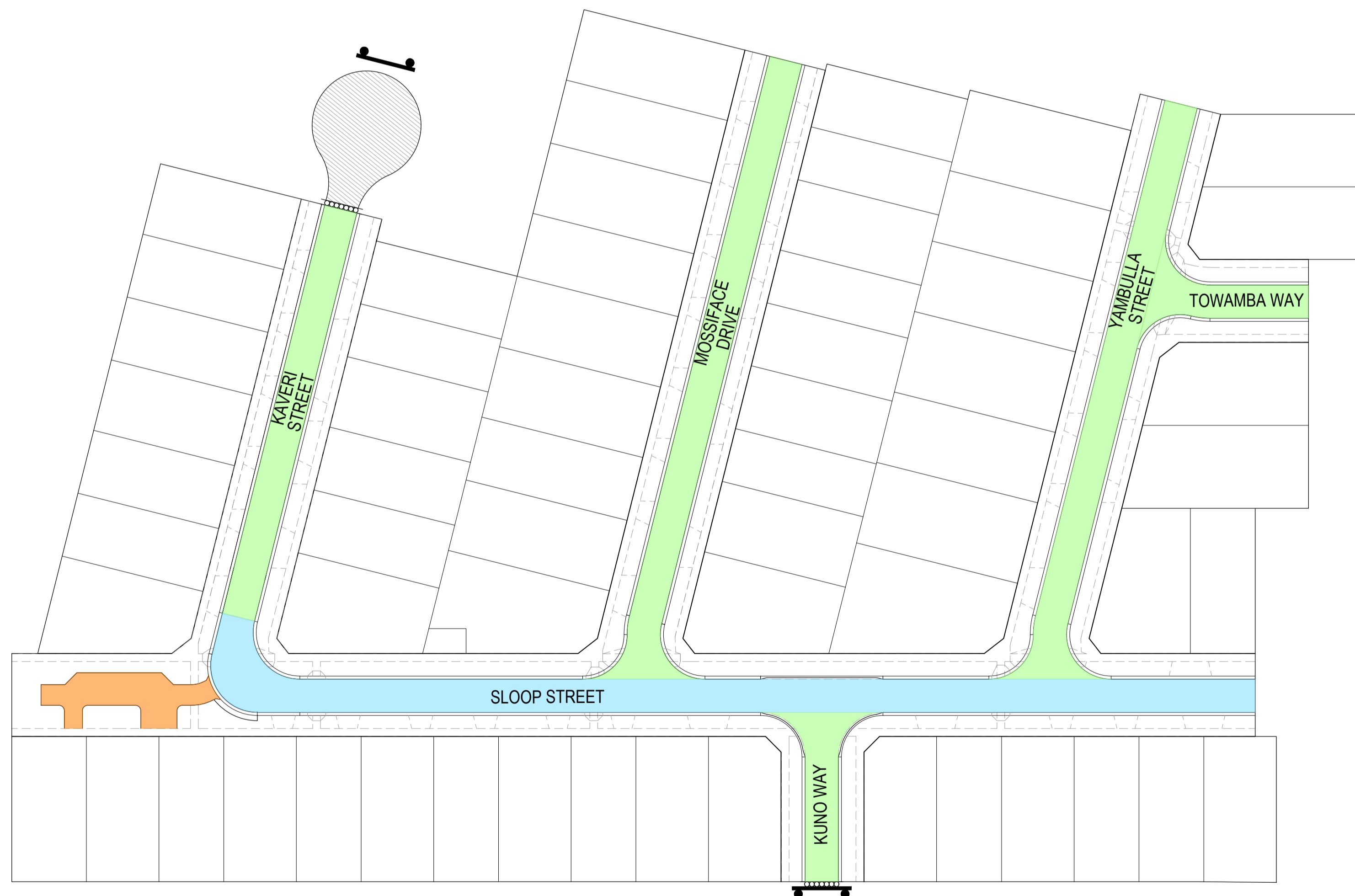
PAVEMENT COMPOSITION
SLOOP STREET
695mm DEPTH
NTS



PAVEMENT COMPOSITION
KUNO WAY, TOWAMBA WAY, MOSSFACE DRIVE,
KAVERI STREET & YAMBULLA STREET
595mm DEPTH
NTS



NOTE
PAVEMENT LAYERS ARE TO BE CONSTRUCTED AND COMPACTED IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS AND REQUIREMENTS.



PAVEMENT PLAN
1:750 15 0 15 30 A1
1:1500

PAVEMENT DESIGNS
ALL PAVEMENT DESIGNS HAVE BEEN PROVIDED BY TONKIN TAYLOR. CREO IS NOT RESPONSIBLE FOR GEOTECHNICAL OR PAVEMENT RELATED DESIGNS AND IS NOT RESPONSIBLE FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THESE DESIGNS. THE PAVEMENT COMPOSITIONS SHOWN ON THIS DRAWING HAVE BEEN REPRODUCED FROM THE PAVEMENT REPORT FOR THIS DEVELOPMENT. THIS DOCUMENT SHOULD BE REVIEWED BY THE CONTRACTOR TO ENSURE DESIGN HAS BEEN INTERPRETED CORRECTLY. A COPY OF THIS DOCUMENT WILL BE MADE AVAILABLE UPON REQUEST.

WARNING
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DIAL 1100 BEFORE YOU DIG
www.1100.com.au

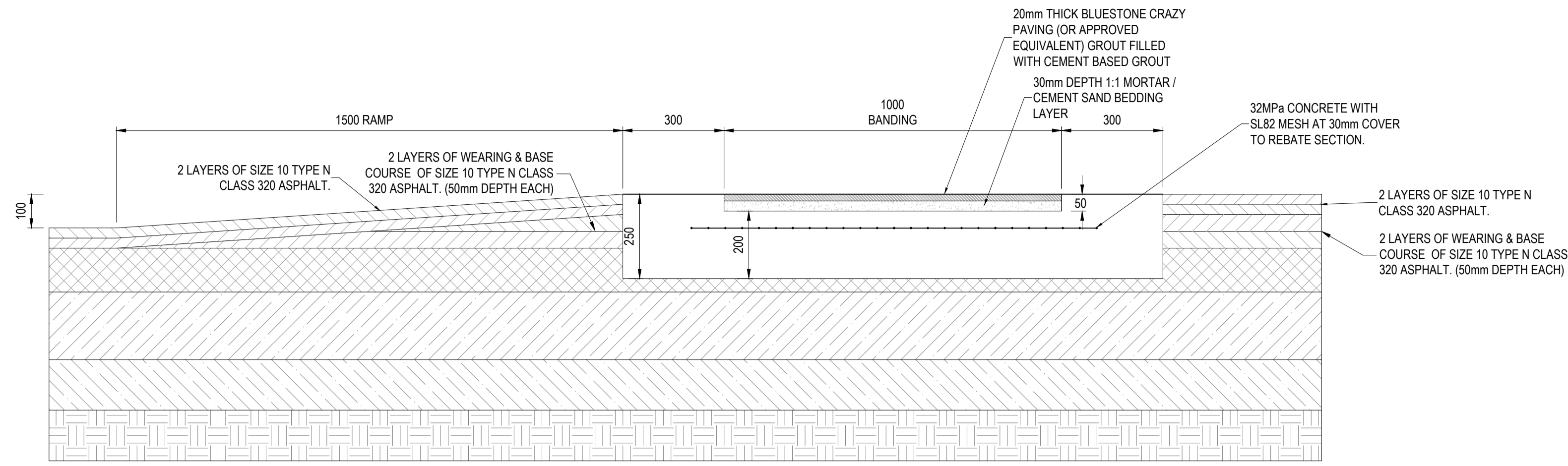
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P	M.P	M.T
1	14/11/23	SLOOP STREET EXTENDED DRIVEWAY	M.P	M.P	M.T
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P	M.P	M.T
B	27/06/23	ISSUED FOR TENDER	M.P	M.P	M.T
A	02/06/23	ISSUED FOR APPROVAL	M.P	M.P	M.T



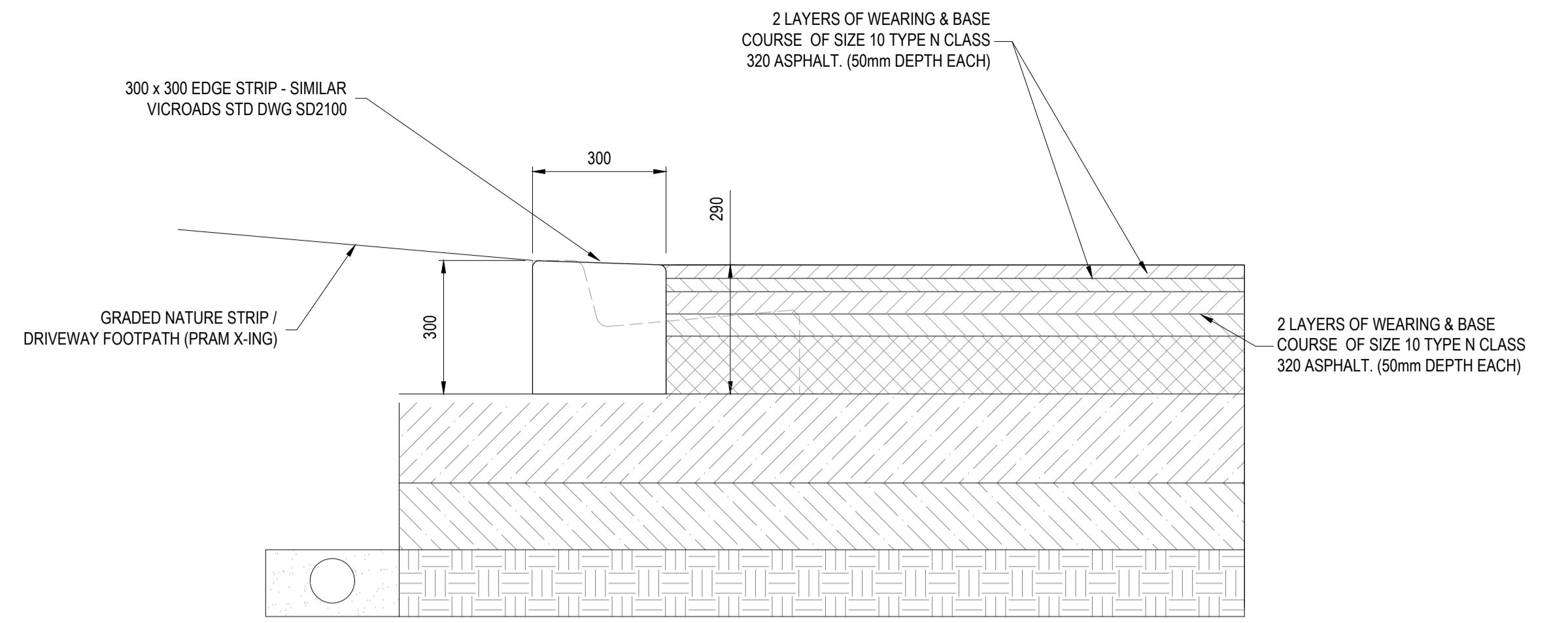
DRAWING TITLE
**ALAMORA - STAGE 14
TYPICAL DETAILS**

STATUS
AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R700	AC



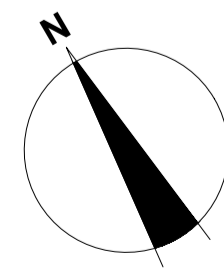
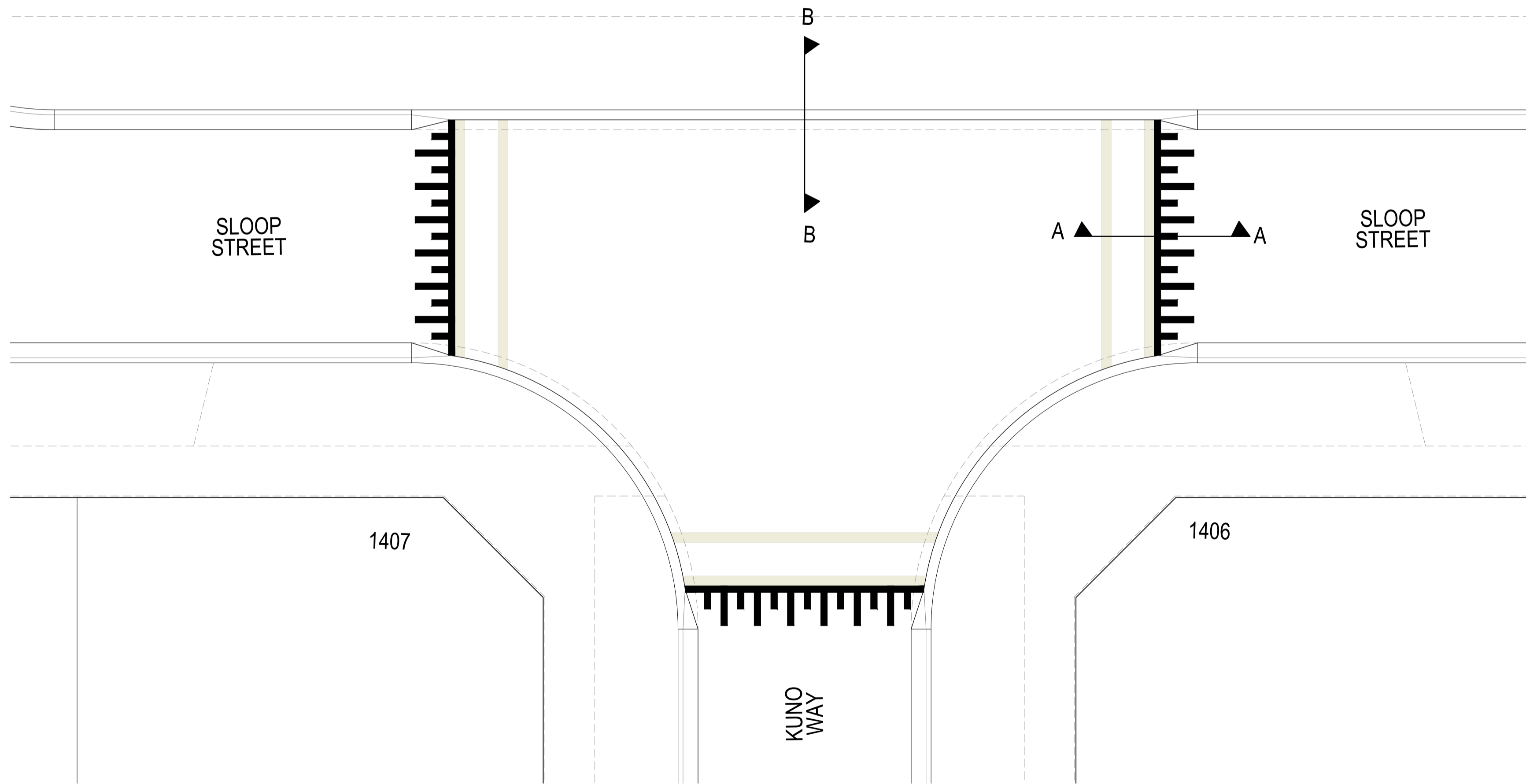
RAISED PAVEMENT DETAIL - SECTION A-A
NOT TO SCALE



RAISED PAVEMENT DETAIL - SECTION B-B
NOT TO SCALE

1429

1430



RAISED PAVEMENT LAYOUT PLAN

1:100 1 0 1 2 3 4 5 A1
1:200

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P.	M.P.	M.T.
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P.	M.P.	M.T.
B	27/06/23	ISSUED FOR TENDER	M.P.	M.P.	M.T.
A	02/06/23	ISSUED FOR APPROVAL	M.P.	M.P.	M.T.

CLIENT

Communities Designed for Living

CREO CONSULTANTS

Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

PROJECT

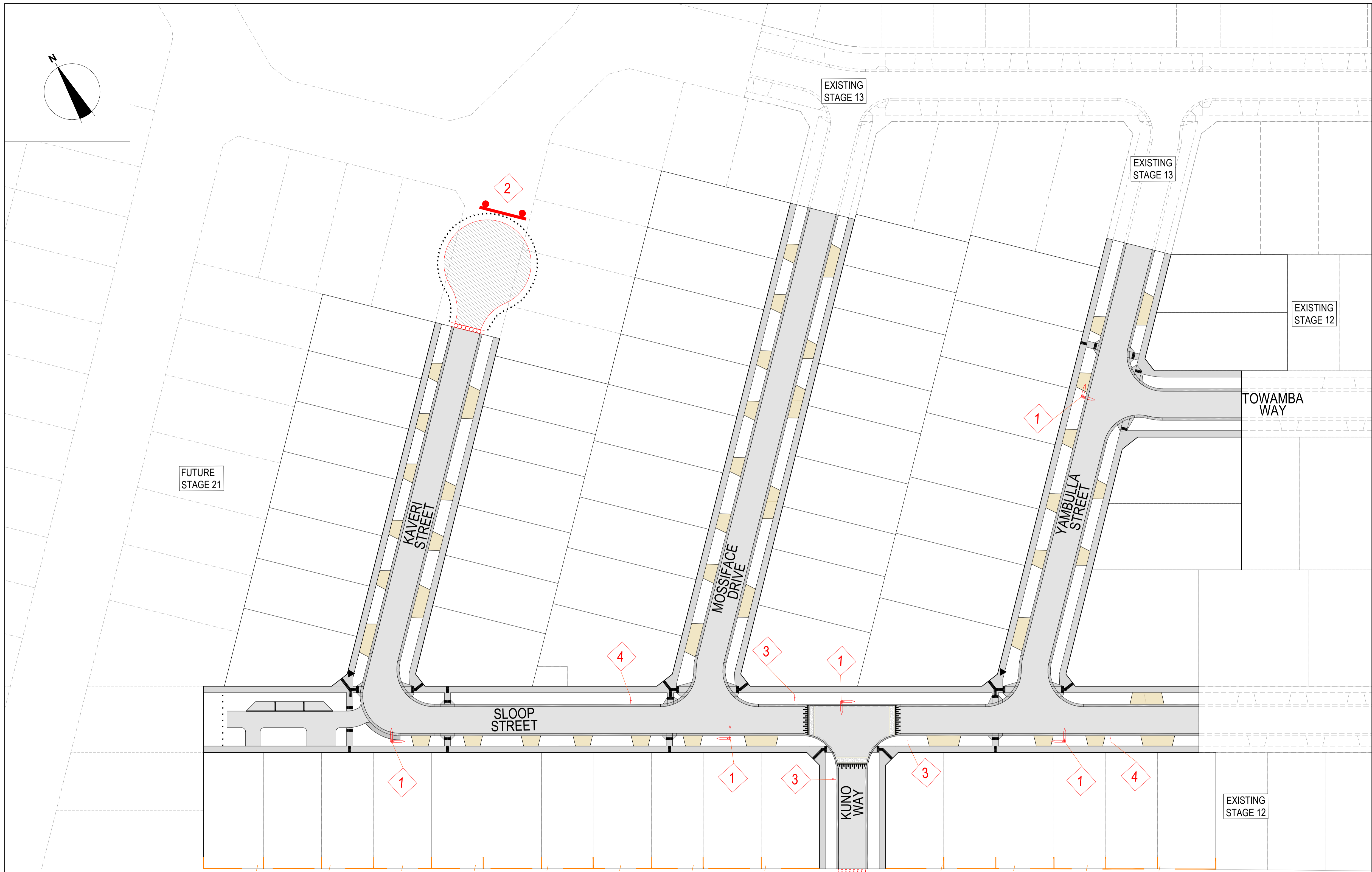
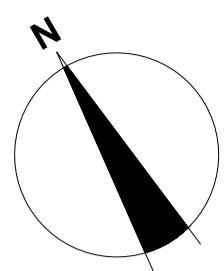
DRAWING TITLE

**ALAMORA - STAGE 14
RAISED PAVEMENT DETAIL**

STATUS

AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R701	AC



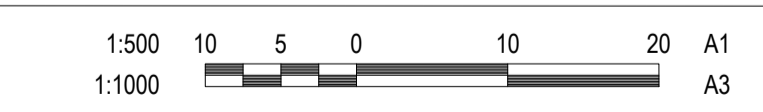
SIGN SCHEDULE

SIGN	REF	QUANTITY
	1	REFER TABLE
STREET SIGN		
	T2-4A	2No.
	D4-5	
	W5-10A	2No.
	W8-2A	
	W3-4A	2No.
	W8-17-2A	

STREET SIGN SCHEDULE

SLOOP ST	4No.
YAMBULLA ST	2No.
MOSSIFACE DR	1No.
KAVERI ST	1No.
KUNO WAY	1No.
TOWAMBA WAY	1No.

1. ALL LINE MARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742.1 AND AS 1742.2, UNLESS SPECIFICALLY SHOWN OTHERWISE.
2. LINEMARKING IS TO BE INSTALLED USING EXTRUDED LONG LIFE THERMOPLASTIC PAINT. TEMPORARY LINEMARKING USING ORDINARY PAINT IS TO BE APPLIED WHEN WEARING COURSE ASPHALT IS NOT APPLIED FOR A PERIOD OF TIME E.G. AT PRACTICAL COMPLETION.
3. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.
4. LINEMARKING SET OUT SHALL BE INSPECTED AND APPROVED BY COUNCIL BEFORE FINAL LINEMARKING IS CARRIED OUT.
5. HIGH FRICTION SURFACE TREATMENT COLOURED EMERALD GREEN MUST BE PROVIDED WITHIN THE BICYCLE LANES MARKED AS GREEN ON THE PLAN. INSTALLATION MUST COMPLY WITH VICROADS STANDARD SECTION 430 FOR HIGH FRICTION SURFACE TREATMENTS TO MANUFACTURER'S SPECIFICATIONS.
6. 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPMS AT MAX 6m SPACIN.
7. RRPMS TO BE IN ACCORDANCE WITH VICROAD TRAFFIC ENGINEERING MANUAL VOL2.



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
AC	10/07/24	AS CONSTRUCTED	M.P.	M.P.	M.T.
1	14/11/23	SLOOP STREET EXTENDED DRIVEWAY	M.P.	M.P.	M.T.
0	06/07/23	ISSUED FOR CONSTRUCTION	M.P.	M.P.	M.T.
B	27/06/23	ISSUED FOR TENDER	M.P.	M.P.	M.T.
A	02/06/23	ISSUED FOR APPROVAL	M.P.	M.P.	M.T.

villawood
properties
Communities Designed for Living

creo
CONSULTANTS
Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

ALAMORA
Tarnait

DRAWING TITLE
**ALAMORA - STAGE 14
SIGNAGE & LINEMARKING PLAN**

STATUS
AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
1:500 @ A1	M.PLANT	M.PLANT
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	JUNE 2023
PROJECT No.	DRAWING No.	REVISION
200282.14	R800	AC