

ALAMORA

STAGE 18

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% A.S.H.O. 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 RAMP (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 FIREPILLS.

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:

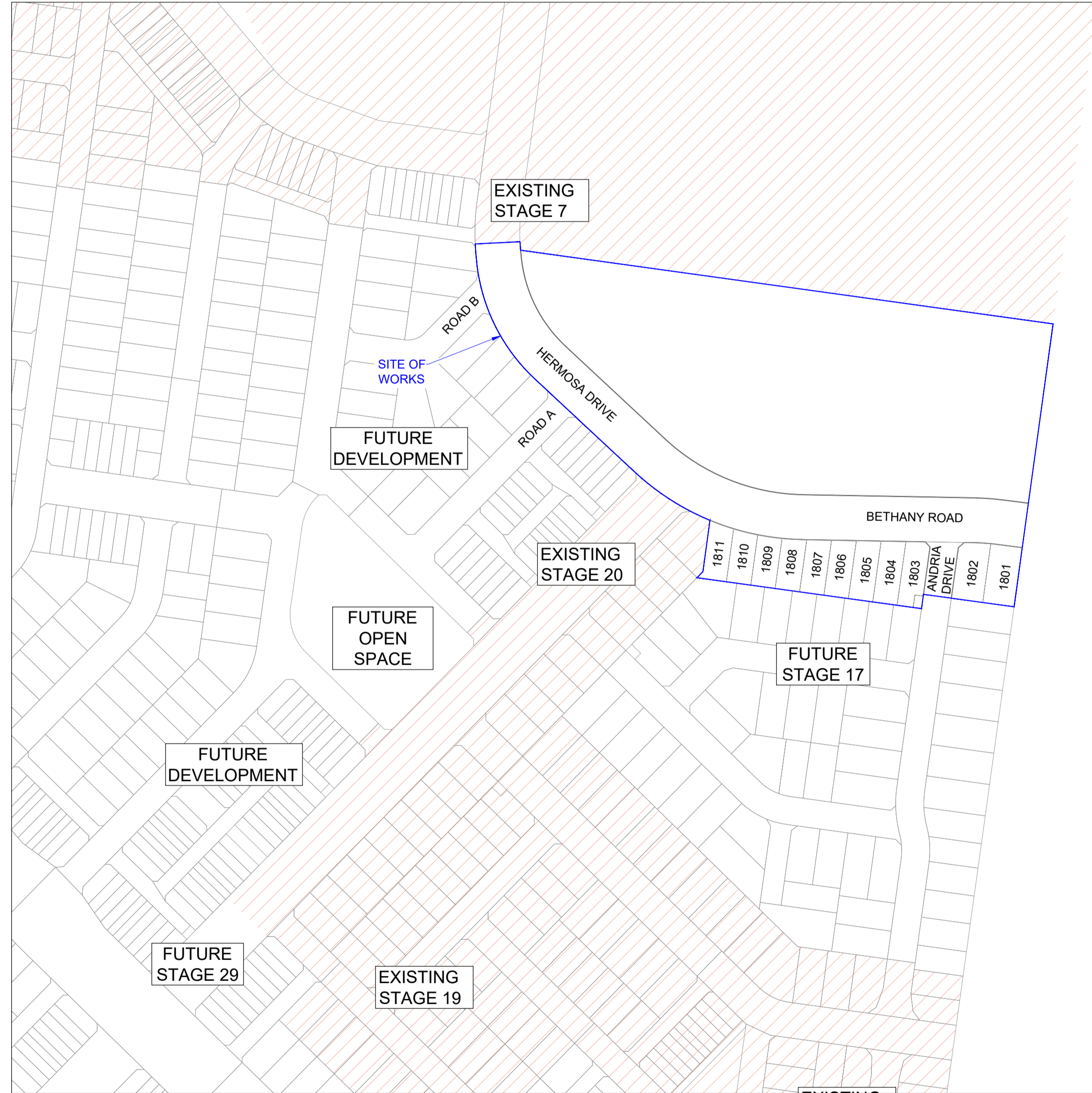
- SERVICE CONDUITS ARE TO BE INSTALLED AT THE LOCATIONS SHOWN ON THIS DRAWING. LOCATION OF ALL UNDERGROUND SERVICE CONDUITS TO BE MARKED ON KERB & CHANNEL AS PER EDM 303. SERVICE CONDUITS THAT ARE SUBJECT TO AMENDMENT SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT.
- ALL CONDUIT 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 ONSITE 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
MELWAYS REF: 234 D7

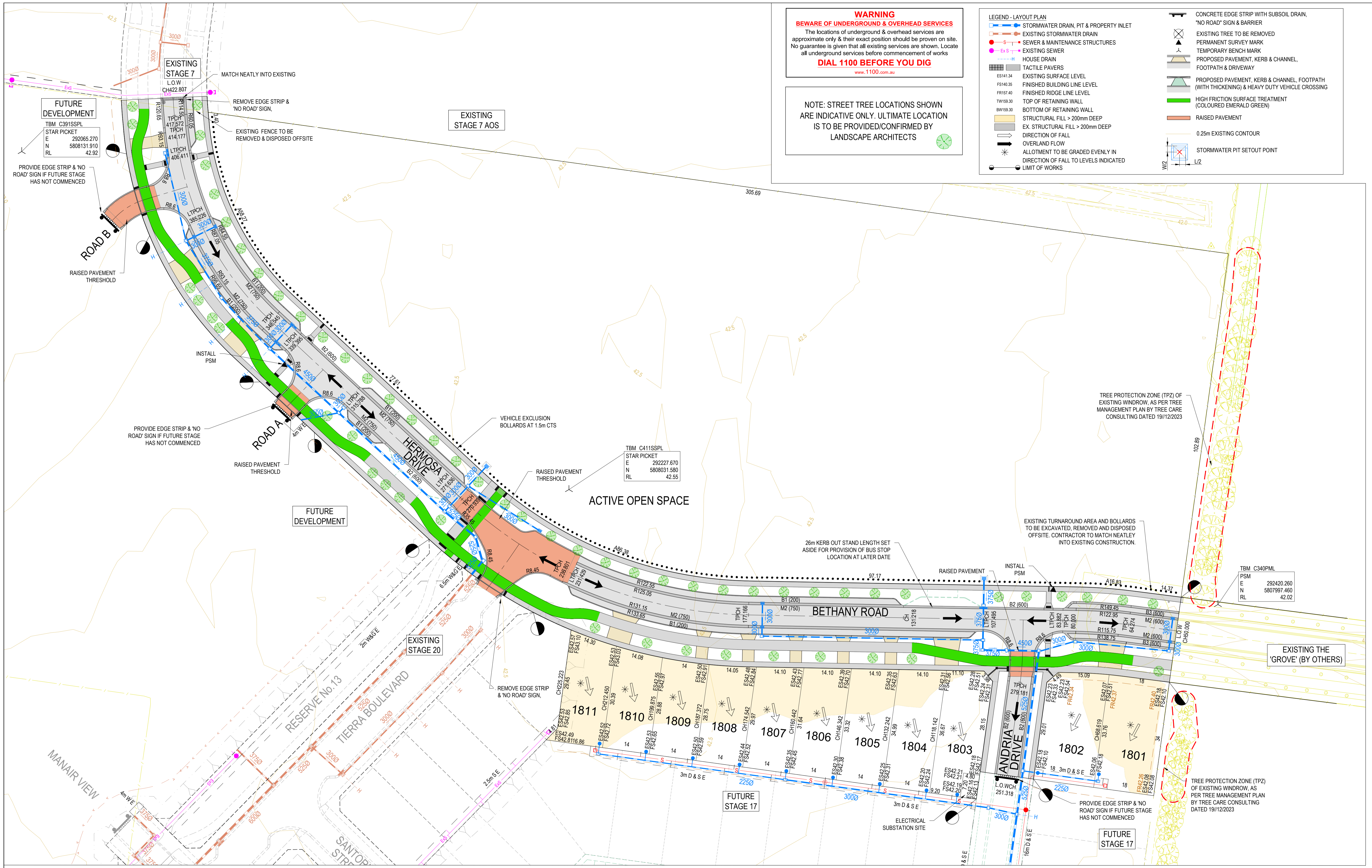
Drawing Index

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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	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	DESIGNED	PROJECT ENGINEER	
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T	<p>Communities Designed for Living</p>	<p>Suite 1, 2 Bloomsbury Street Newtown, VIC, Australia 3220</p>	<p>ALAMORA - STAGE 18 COVER SHEET</p>	<p>TENDER NOT FOR CONSTRUCTION</p> <p>SCALE @ A1 : 1:2000</p>	M.PLANT	M.TROUNCE	
										M.PLANT	M.TROUNCE	
										PROJECT No.	DRAWING No.	REVISION
										200282.18	R100	A



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P.	A.W.	M.T.

villawood
 properties
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ALAMORA
 Jarrett

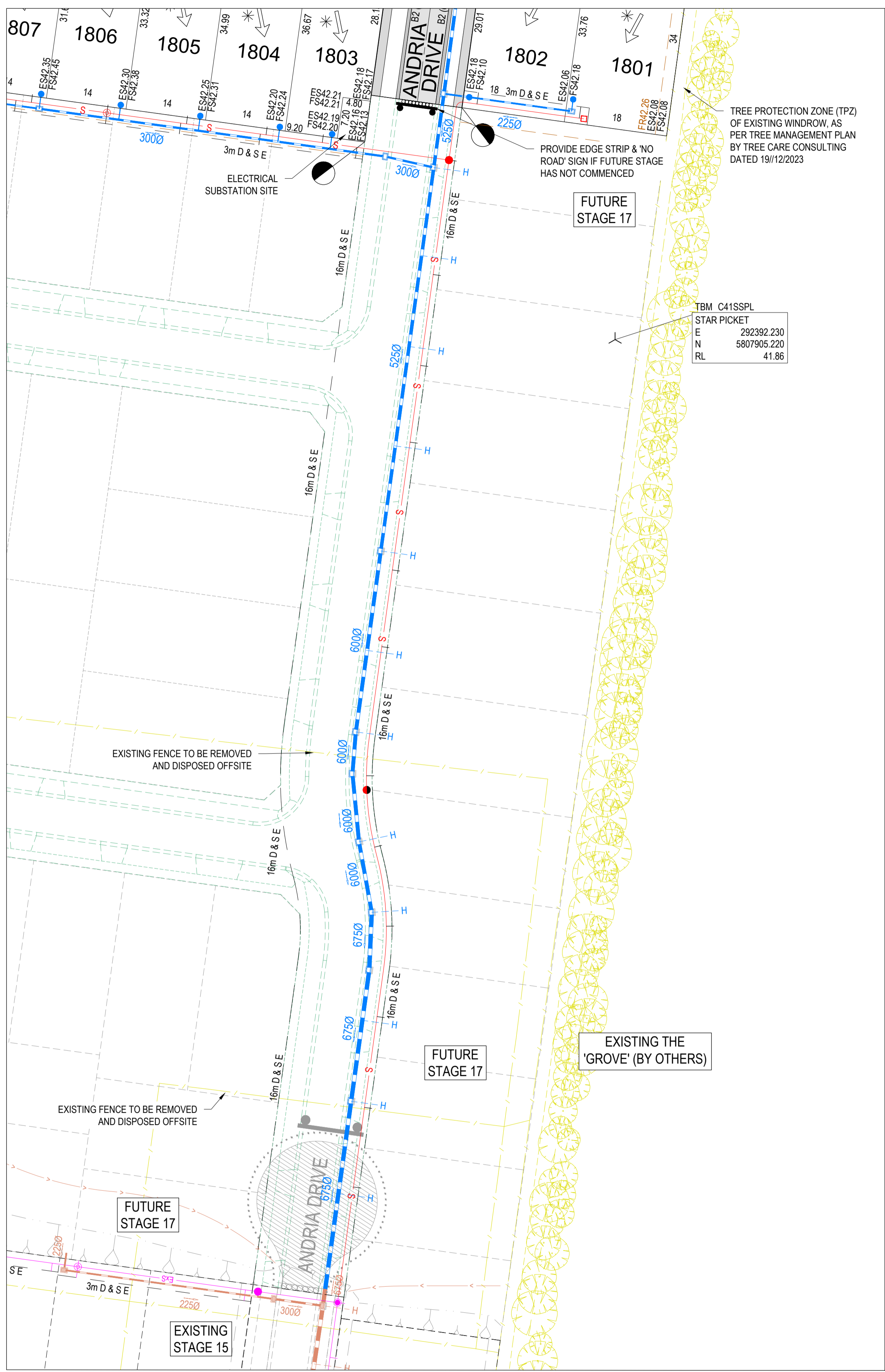
ALAMORA - STAGE 18
 LAYOUT PLAN - 1

TENDER
 NOT FOR CONSTRUCTION

SCALE @ A1: 1:500

DESIGNED	PROJECT ENGINEER	
M.PLANT	M.TROUNCE	
DRAWN	PROJECT MANAGER	
M.PLANT	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.18	R200	A

FOR CONTINUATION REFER R200



LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- EXISTING STORMWATER DRAIN
- SEWER & MAINTENANCE STRUCTURES
- EXISTING SEWER
- HOUSE DRAIN
- TACTILE PAVERS
- EXISTING SURFACE LEVEL
- FINISHED BUILDING LINE LEVEL
- FINISHED RIDGE LINE LEVEL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- DIRECTION OF FALL
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
- LIMIT OF WORKS
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, 'NO ROAD' SIGN & BARRIER
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH (WITH THICKENING) & HEAVY DUTY VEHICLE CROSSING
- HIGH FRICTION SURFACE TREATMENT (COLOURED EMERALD GREEN)
- RAISED PAVEMENT
- 0.25m EXISTING CONTOUR
- STORMWATER 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
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

villawood properties
 Communities Designed for Living

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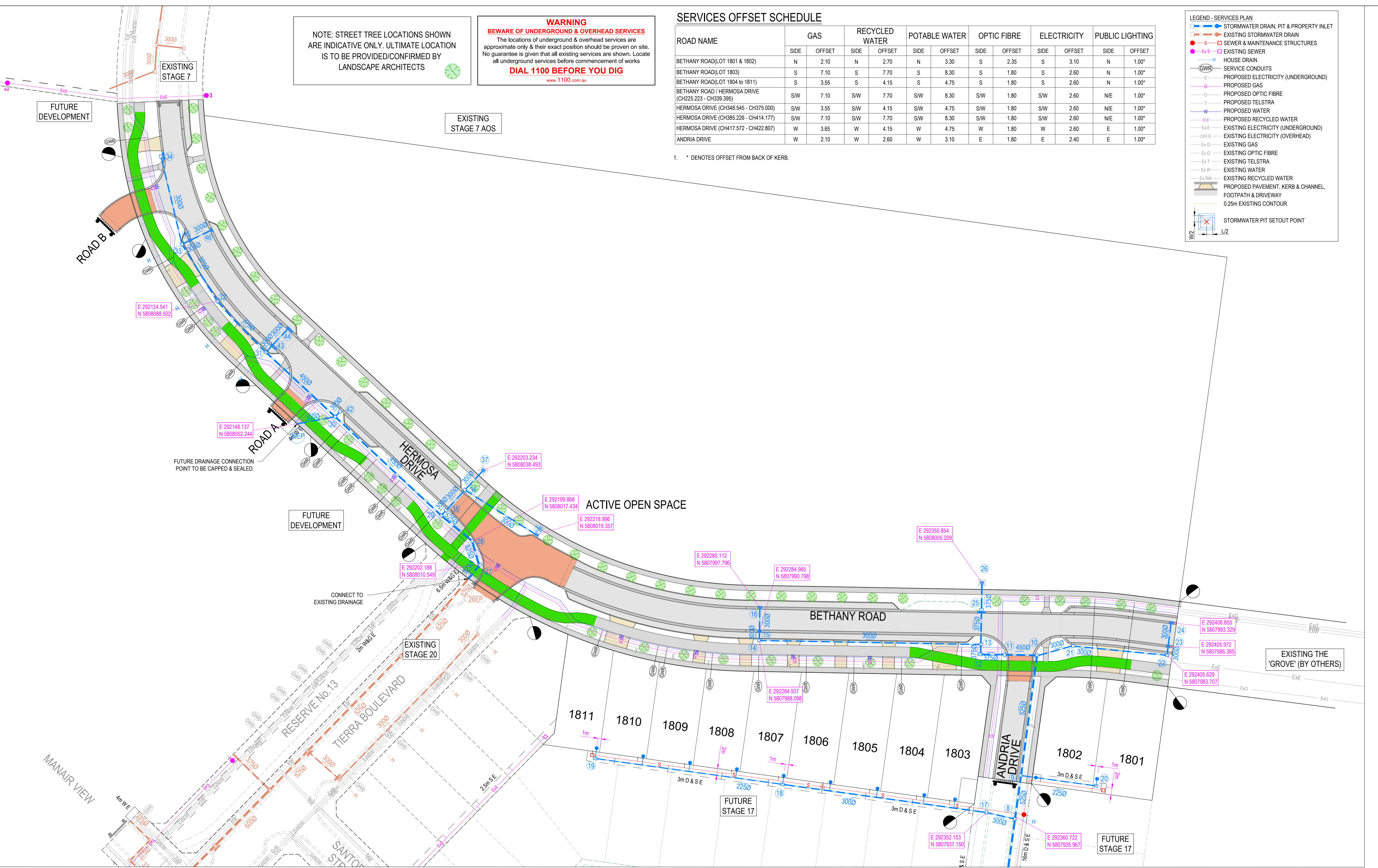
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DRAWING TITLE
ALAMORA - STAGE 18
LAYOUT PLAN - 2

STATUS
TENDER
NOT FOR CONSTRUCTION

SCALE @ A1 : 1:500

DESIGNED	PROJECT ENGINEER	
M.PLANT	M.TROUNCE	
DRAWN	PROJECT MANAGER	
M.PLANT	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.18	R201	A



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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
BETHANY ROAD(LOT 1801 & 1802)	N	2.10	N	2.70	N	3.30	S	2.35	S	3.10	N	1.00*
BETHANY ROAD(LOT 1803)	S	7.10	S	7.70	S	8.30	S	1.80	S	2.60	N	1.00*
BETHANY ROAD(LOT 1804 to 1811)	S	3.55	S	4.15	S	4.75	S	1.80	S	2.60	N	1.00*
BETHANY ROAD / HERMOSA DRIVE (CH225.223 - CH339.395)	S/W	7.10	S/W	7.70	S/W	8.30	S/W	1.80	S/W	2.60	N/E	1.00*
HERMOSA DRIVE (CH348.545 - CH375.000)	S/W	3.55	S/W	4.15	S/W	4.75	S/W	1.80	S/W	2.60	N/E	1.00*
HERMOSA DRIVE (CH385.226 - CH414.177)	S/W	7.10	S/W	7.70	S/W	8.30	S/W	1.80	S/W	2.60	N/E	1.00*
HERMOSA DRIVE (CH417.572 - CH422.807)	W	3.65	W	4.15	W	4.75	W	1.80	W	2.60	E	1.00*
ANDRIA DRIVE	W	2.10	W	2.60	W	3.10	E	1.80	E	2.40	E	1.00*

1. * DENOTES OFFSET FROM BACK OF KERB.

LEGEND - SERVICES PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- 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
- 0.25m EXISTING CONTOUR
- STORMWATER PIT SETOUT POINT

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

CLIENT

Communities Designed for Living

PROJECT

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

DRAWING TITLE

ALAMORA - STAGE 18
SERVICES PLAN - 1

STATUS

TENDER
NOT FOR CONSTRUCTION

SCALE @ A1 : 1:500

DESIGNED

M.PLANT

DRAWN

M.PLANT

PROJECT ENGINEER

M.TROUNCE

PROJECT MANAGER

M.TROUNCE

PROJECT No.

200282.18

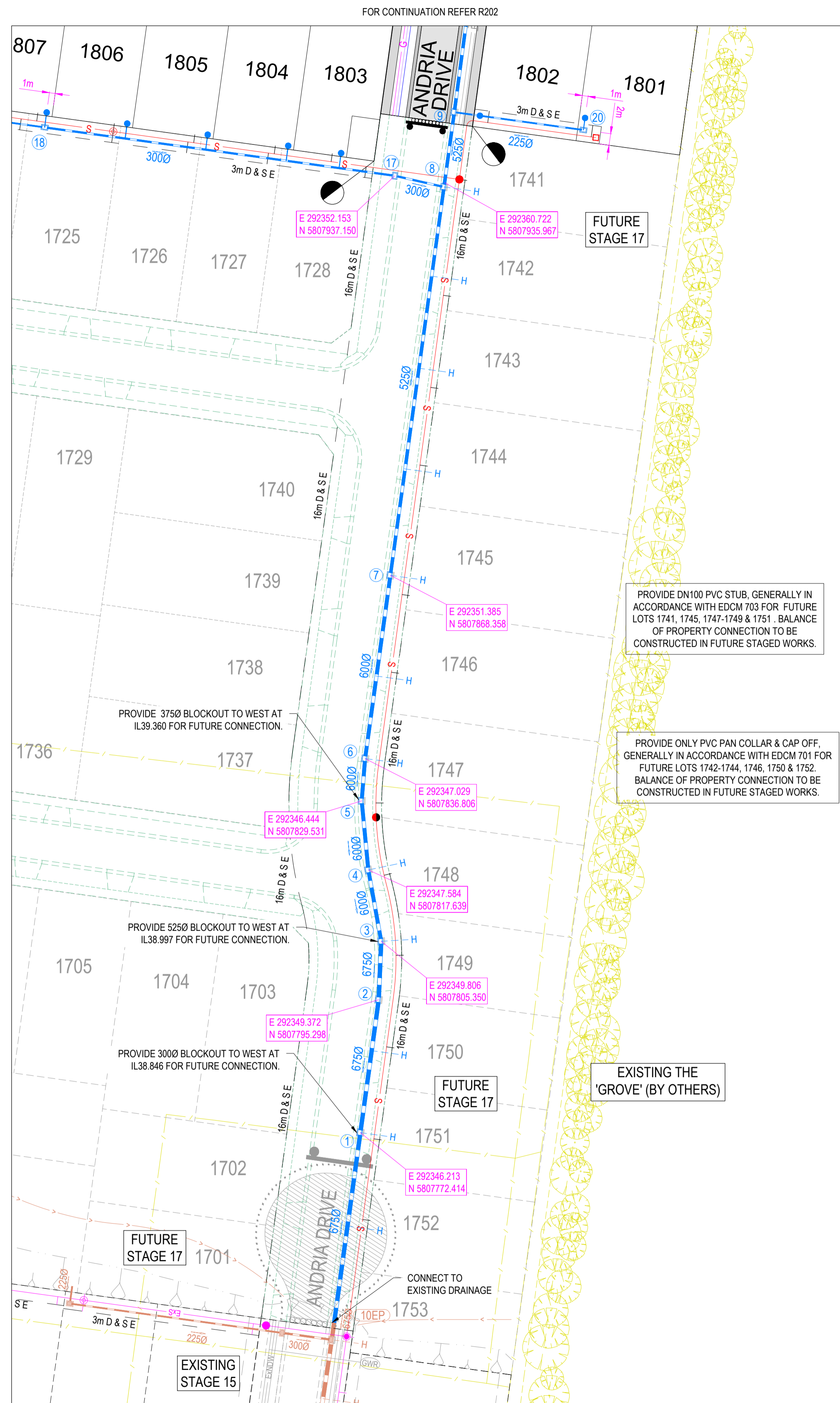
DRAWING No.

R202

REVISION

A

FOR CONTINUATION REFER R203



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
BETHANY ROAD(LOT 1801 & 1802)	N	2.10	N	2.70	N	3.30	S	2.35	S	3.10	N	1.00*
BETHANY ROAD(LOT 1803)	S	7.10	S	7.70	S	8.30	S	1.80	S	2.60	N	1.00*
BETHANY ROAD(LOT 1804 to 1811)	S	3.55	S	4.15	S	4.75	S	1.80	S	2.60	N	1.00*
BETHANY ROAD / HERMOSA DRIVE (CH225.223 - CH339.395)	S/W	7.10	S/W	7.70	S/W	8.30	S/W	1.80	S/W	2.60	N/E	1.00*
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ANDRIA DRIVE	W	2.10	W	2.60	W	3.10	E	1.80	E	2.40	E	1.00*

1. * DENOTES OFFSET FROM BACK OF KERB.

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LEGEND - SERVICES PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- 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
- 0.25m EXISTING CONTOUR
- STORMWATER PIT SETOUT POINT

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

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PROJECT

DRAWING TITLE

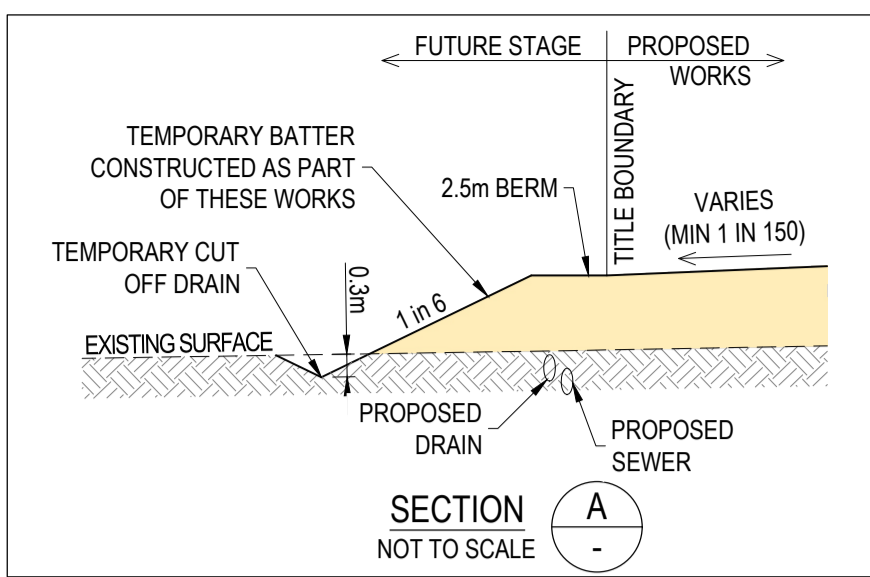
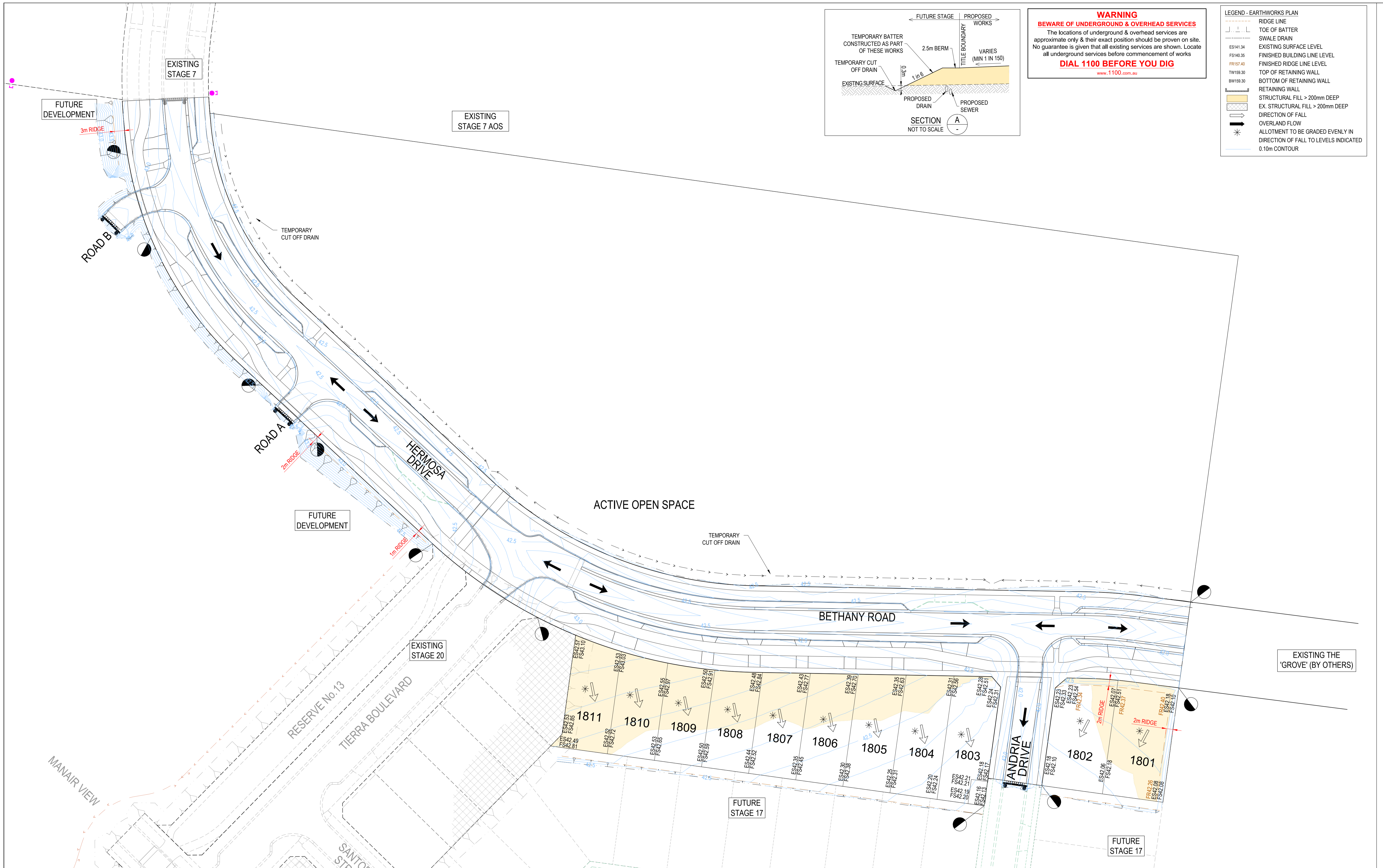
ALAMORA - STAGE 18 SERVICES PLAN - 2

STATUS

TENDER
NOT FOR CONSTRUCTION

SCALE @ A1 : 1:500

DESIGNED	M.PLANT	PROJECT ENGINEER	M.TROUNCE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.18	DRAWING No.	R203
REVISION			A



WARNING
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 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 - EARTHWORKS PLAN**
- RIDGE LINE
 - - - - - TOE OF BATTER
 - ES141.34 EXISTING SURFACE LEVEL
 - FS140.35 FINISHED BUILDING LINE LEVEL
 - FR157.40 FINISHED RIDGE LINE LEVEL
 - TW159.30 TOP OF RETAINING WALL
 - BW159.30 BOTTOM OF RETAINING WALL
 - RETAINING WALL
 - STRUCTURAL FILL > 200mm DEEP
 - EX. STRUCTURAL FILL > 200mm DEEP
 - DIRECTION OF FALL
 - OVERLAND FLOW
 - ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
 - 0.10m CONTOUR

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

CLIENT

Communities Designed for Living

PROJECT

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

DRAWING TITLE

ALAMORA - STAGE 18
EARTHWORKS PLAN

STATUS

TENDER
NOT FOR CONSTRUCTION

SCALE @ A1: 1:500

DESIGNED

M.PLANT

DRAWN

M.PLANT

PROJECT ENGINEER

M.TROUNCE

PROJECT MANAGER

M.TROUNCE

PROJECT No.

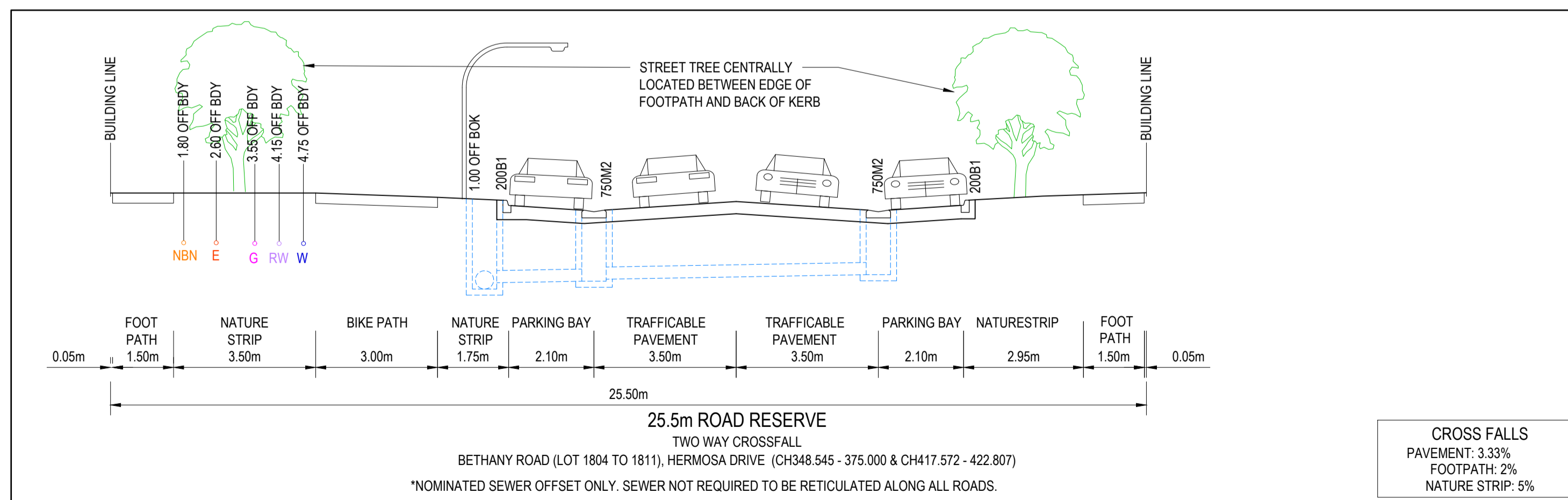
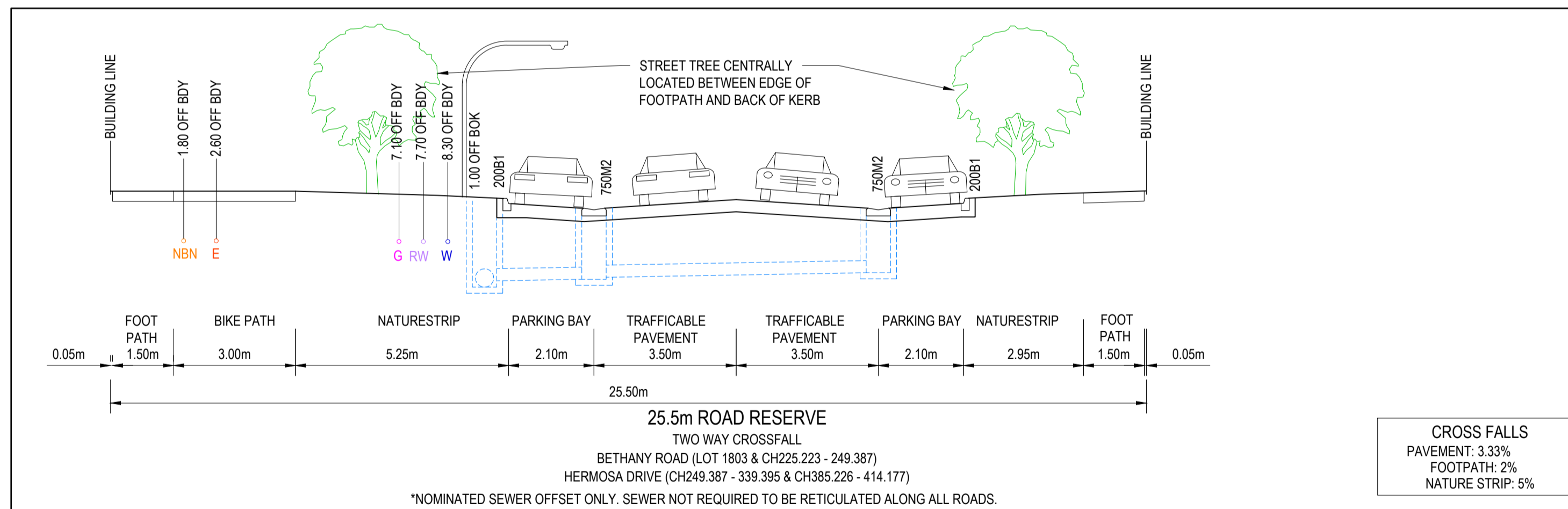
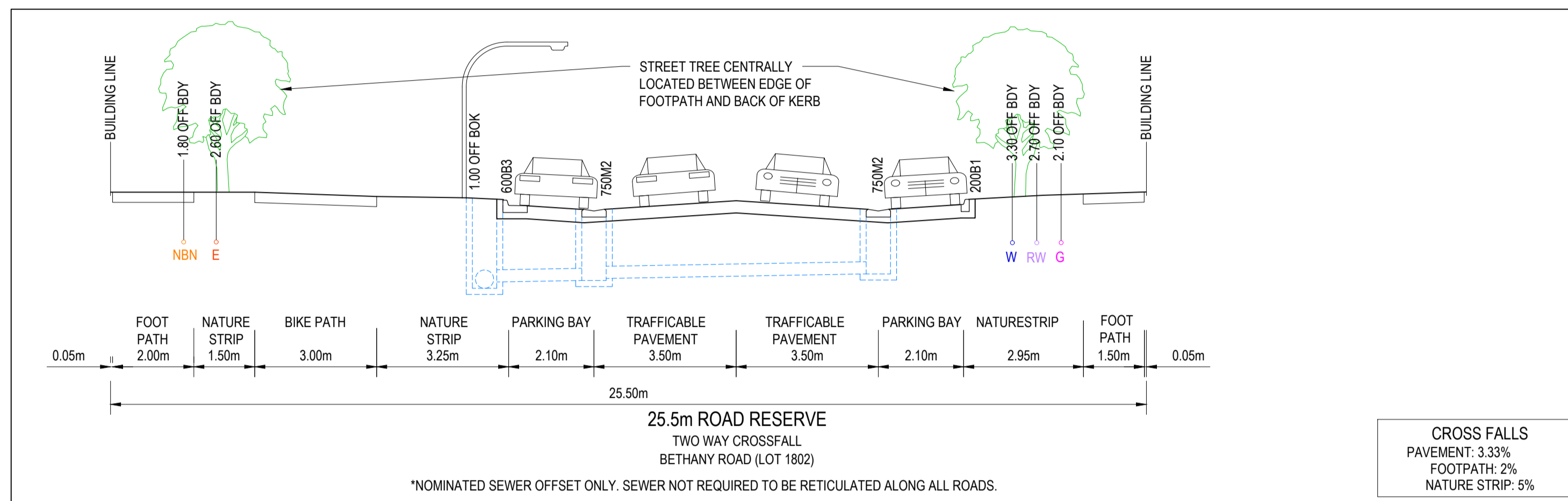
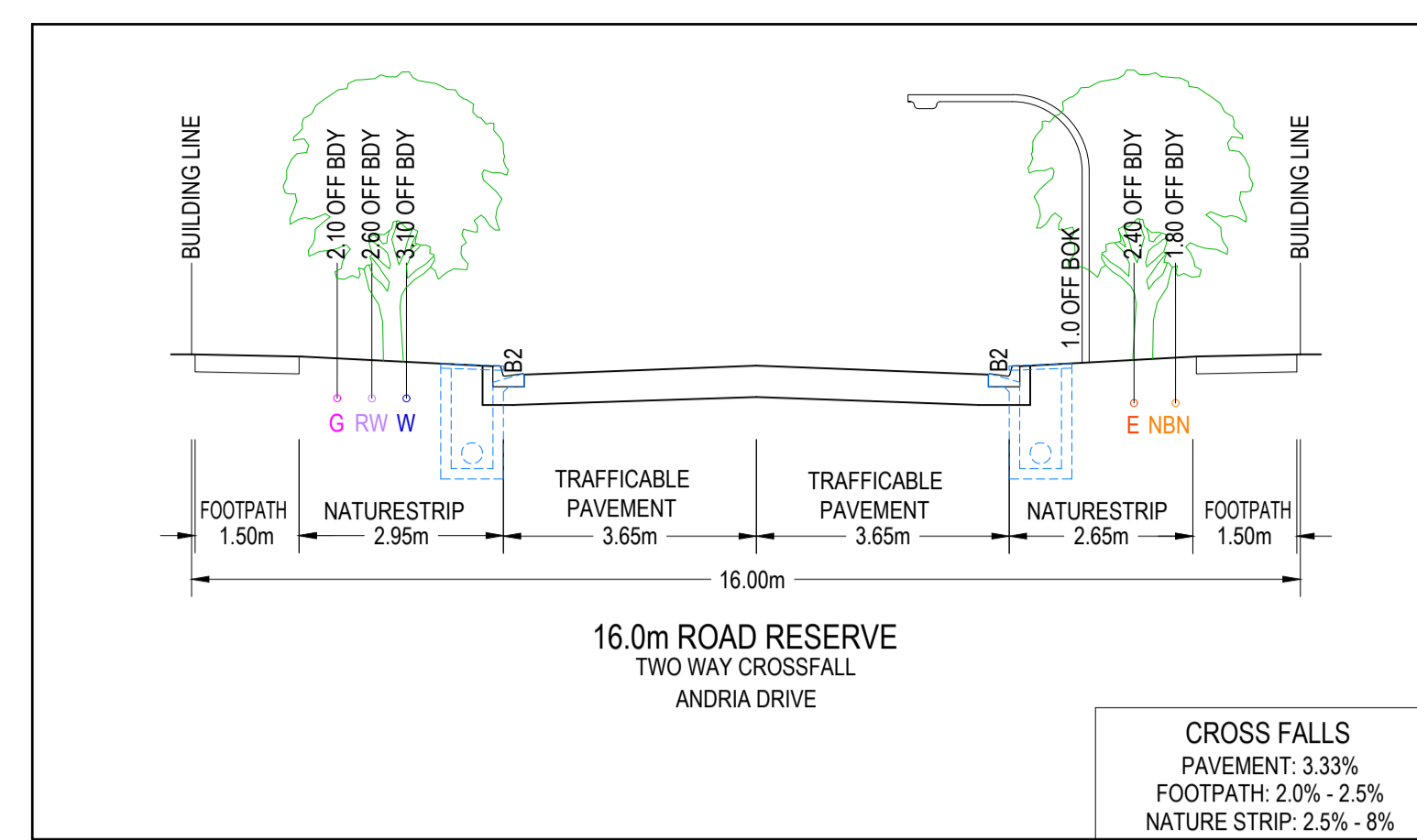
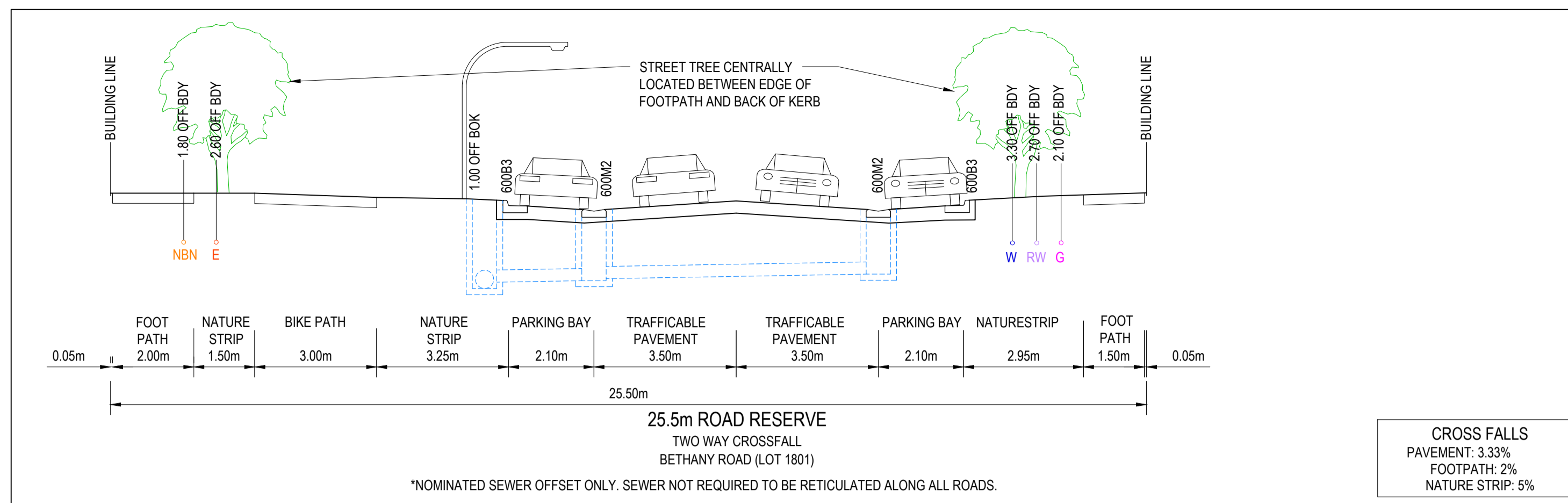
200282.18

DRAWING No.

R204

REVISION

A



WARNING
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T



DRAWING TITLE
ALAMORA - STAGE 18
TYPICAL CROSS SECTIONS

STATUS
TENDER
NOT FOR CONSTRUCTION

SCALE @ A1:

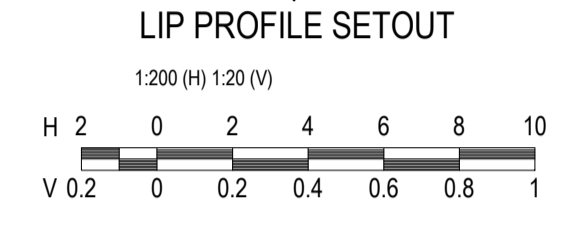
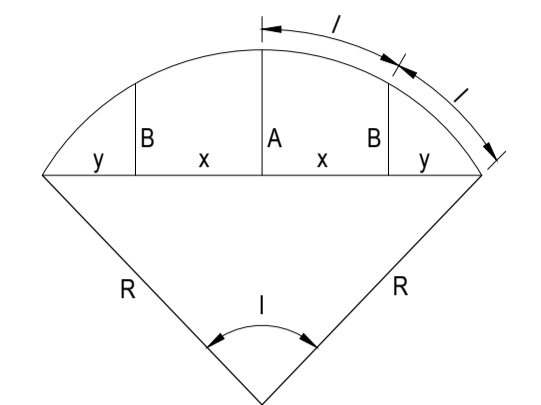
DESIGNED	PROJECT ENGINEER	
M.PLANT	M.TROUNCE	
DRAWN	PROJECT MANAGER	
M.PLANT	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.18	R205	A

LEGEND - INTERSECTION PLAN

- STORMWATER DRAIN & PIT
- TACTILE PAVERS
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- CROWN
- MINOR CONTOUR
- MAJOR CONTOUR

LEGEND - SECTION

- EXISTING SURFACE
- DESIGN LINE

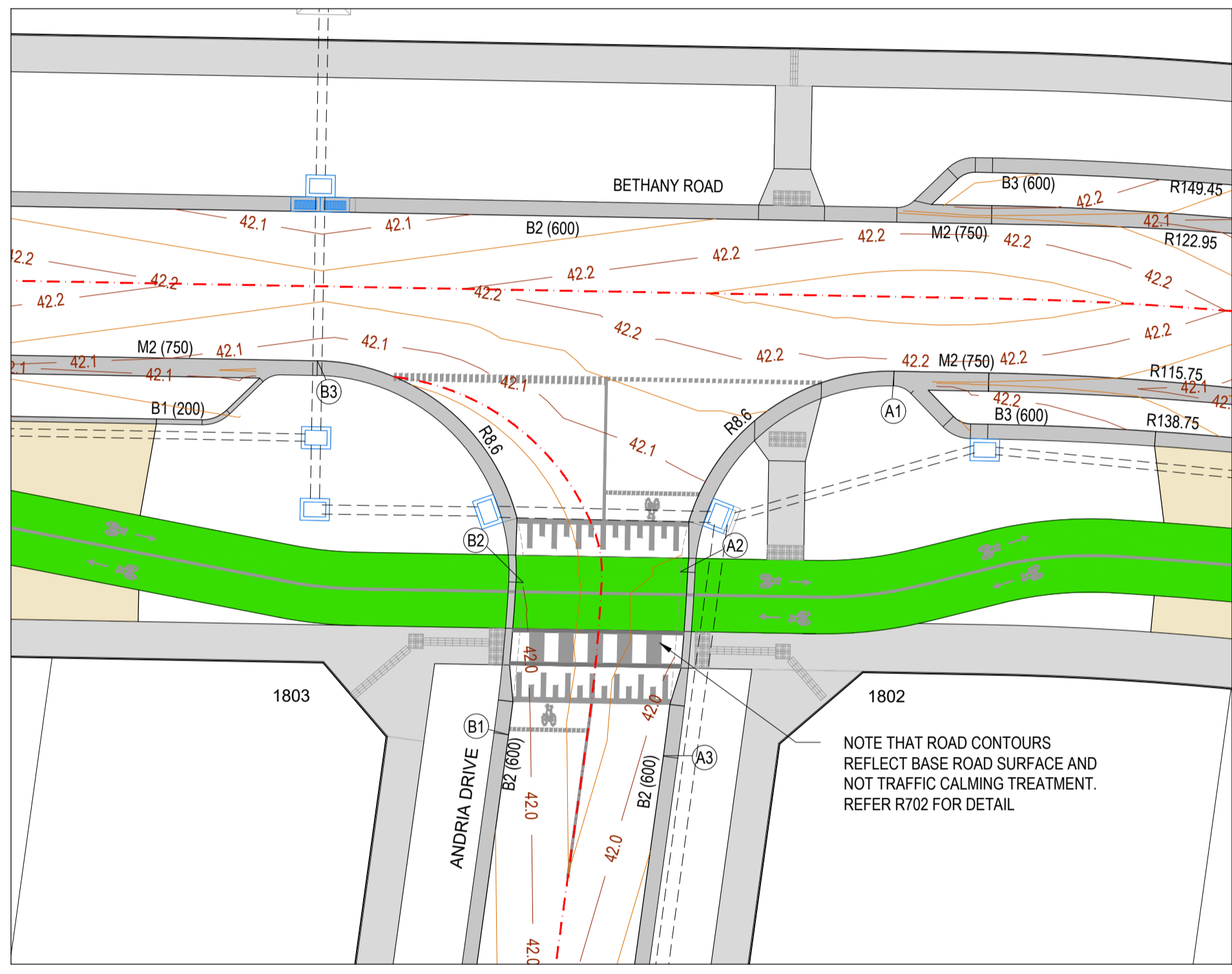


NOTE
FOR SIGNS & LINEMARKING PLAN
REFER SHEETS R800.

WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES

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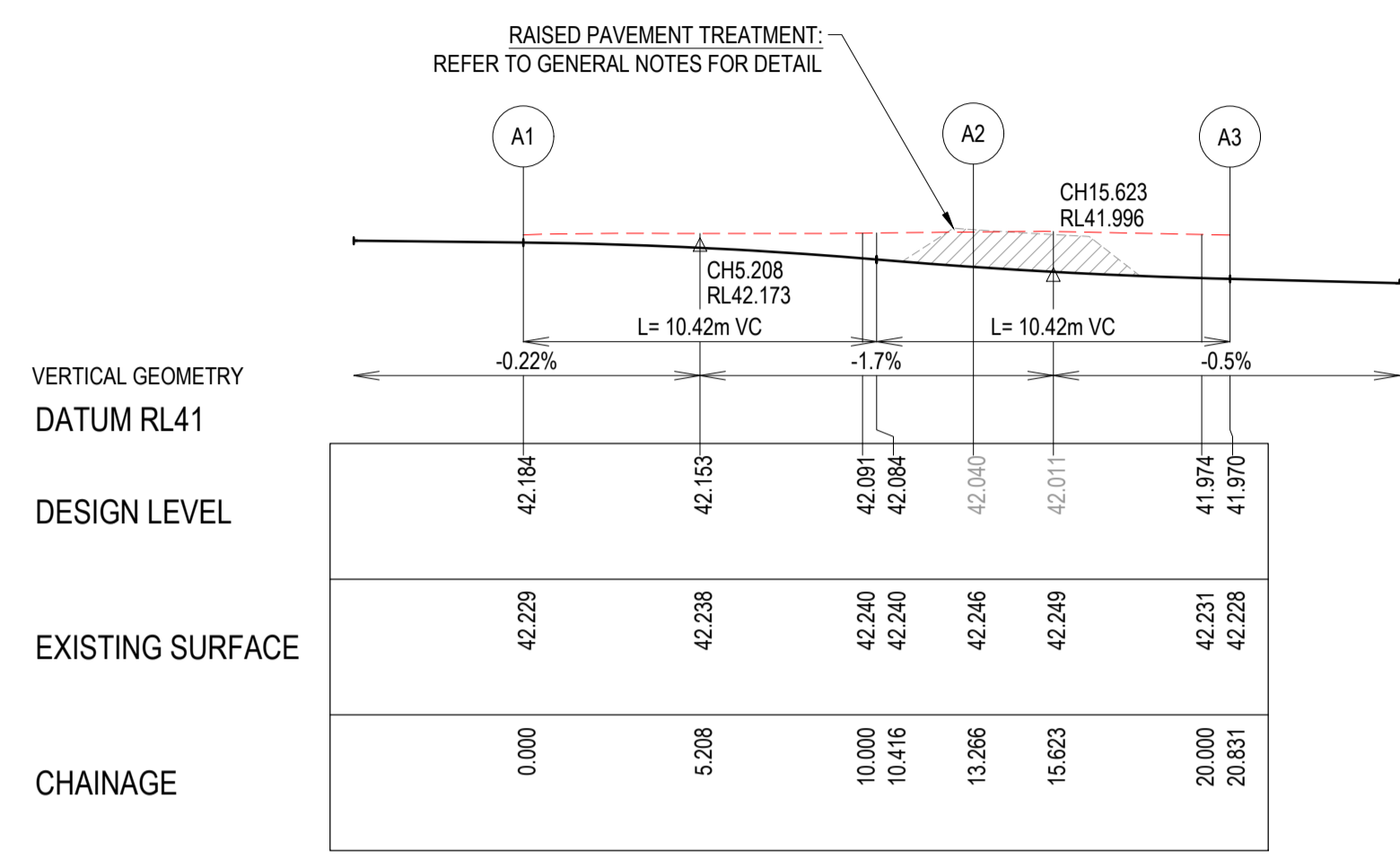
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BETHANY ROAD & ANDRIA DRIVE INTERSECTION



NOTE THAT ROAD CONTOURS REFLECT BASE ROAD SURFACE AND NOT TRAFFIC CALMING TREATMENT. REFER R702 FOR DETAIL

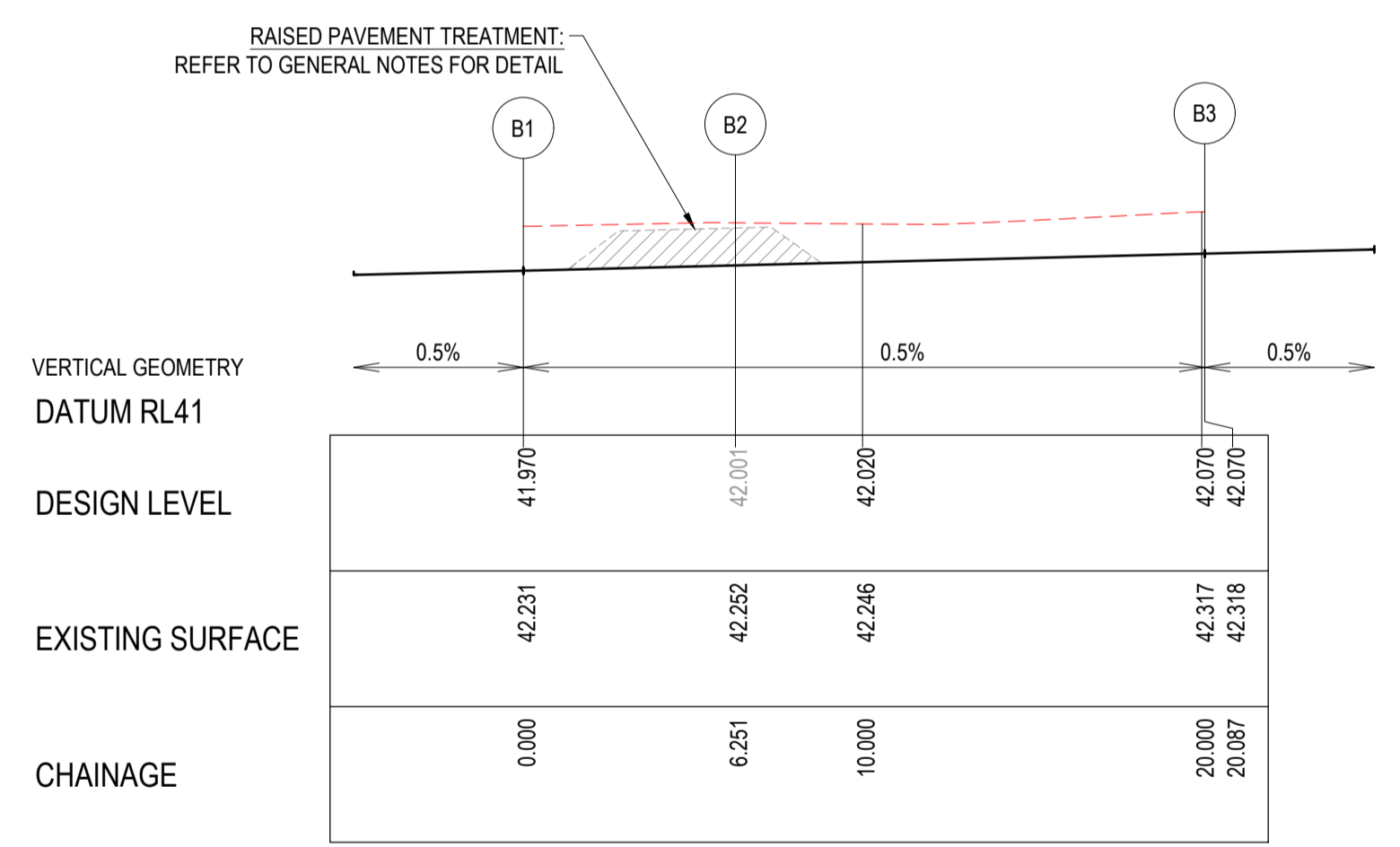


LIP LINE A

ALIGNMENT A

PT NO	EASTING	NORTHING	RL
A1	292374.189	5807989.634	42.184
A2	292365.442	5807981.434	42.040
A3	292364.749	5807973.903	41.970

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
A1 - A2	88.383	8.600	13.286	2.434	1.802	3.235	2.760	3.317	42.138
A2 - A3	5.210	83.200	7.565	0.086	0.064	1.891	1.890	1.891	41.997



LIP LINE B

ALIGNMENT B

PT NO	EASTING	NORTHING	RL
B1	292358.407	5807974.760	41.970
B2	292359.011	5807980.980	42.001
B3	292350.580	5807990.061	42.070

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
B1 - B2	4.663	76.800	6.251	0.064	0.048	1.563	1.562	1.563	41.965
B2 - B3	92.182	8.600	13.836	2.636	1.949	3.367	2.829	3.459	42.035

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P.	A.W.	M.T.

villawood properties
Communities Designed for Living

creo CIVIL

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

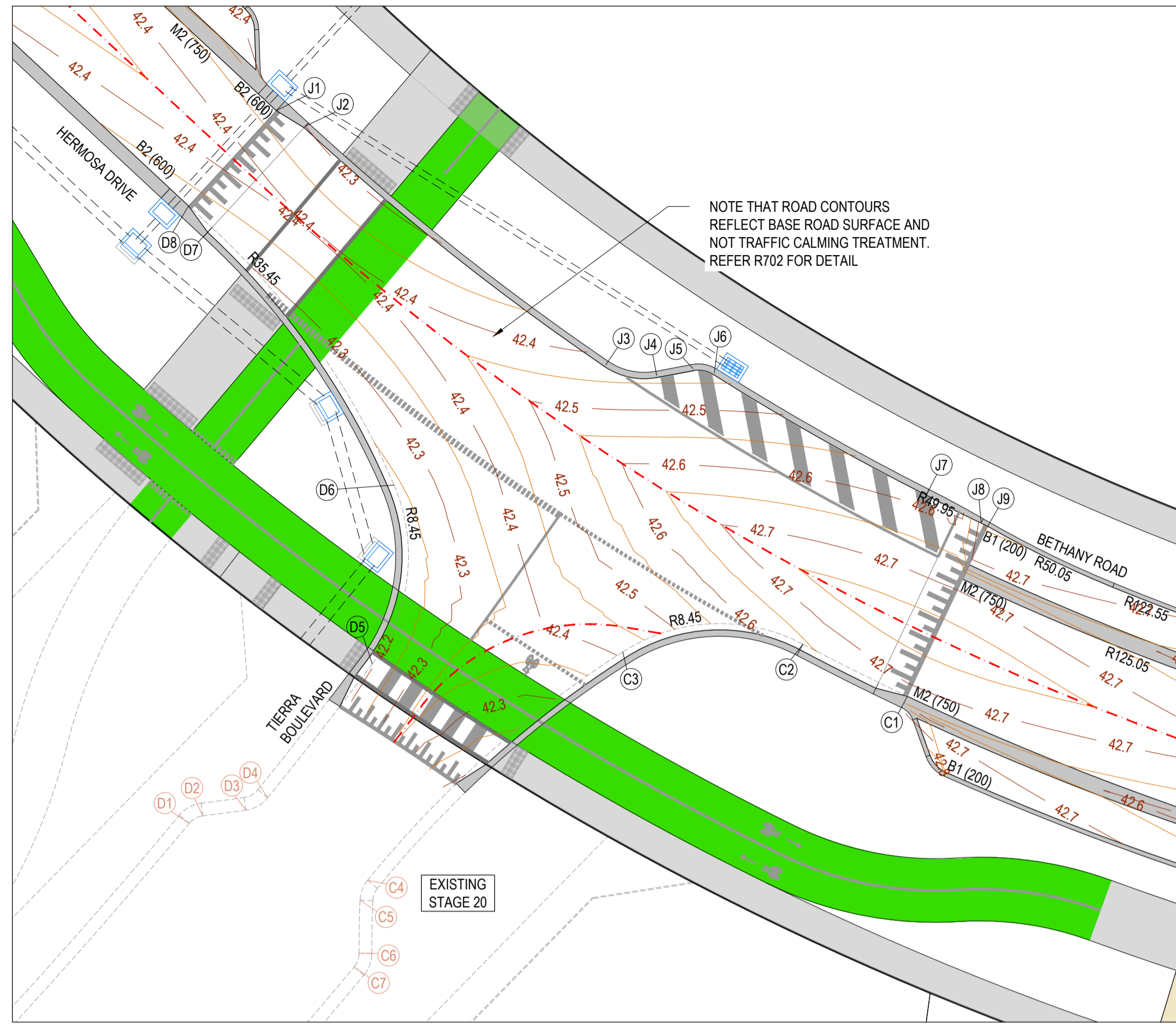
ALAMORA
Tarnait

ALAMORA - STAGE 18
INTERSECTION DETAILS - 1

TENDER
NOT FOR CONSTRUCTION

SCALE @ A1:
AS SHOWN

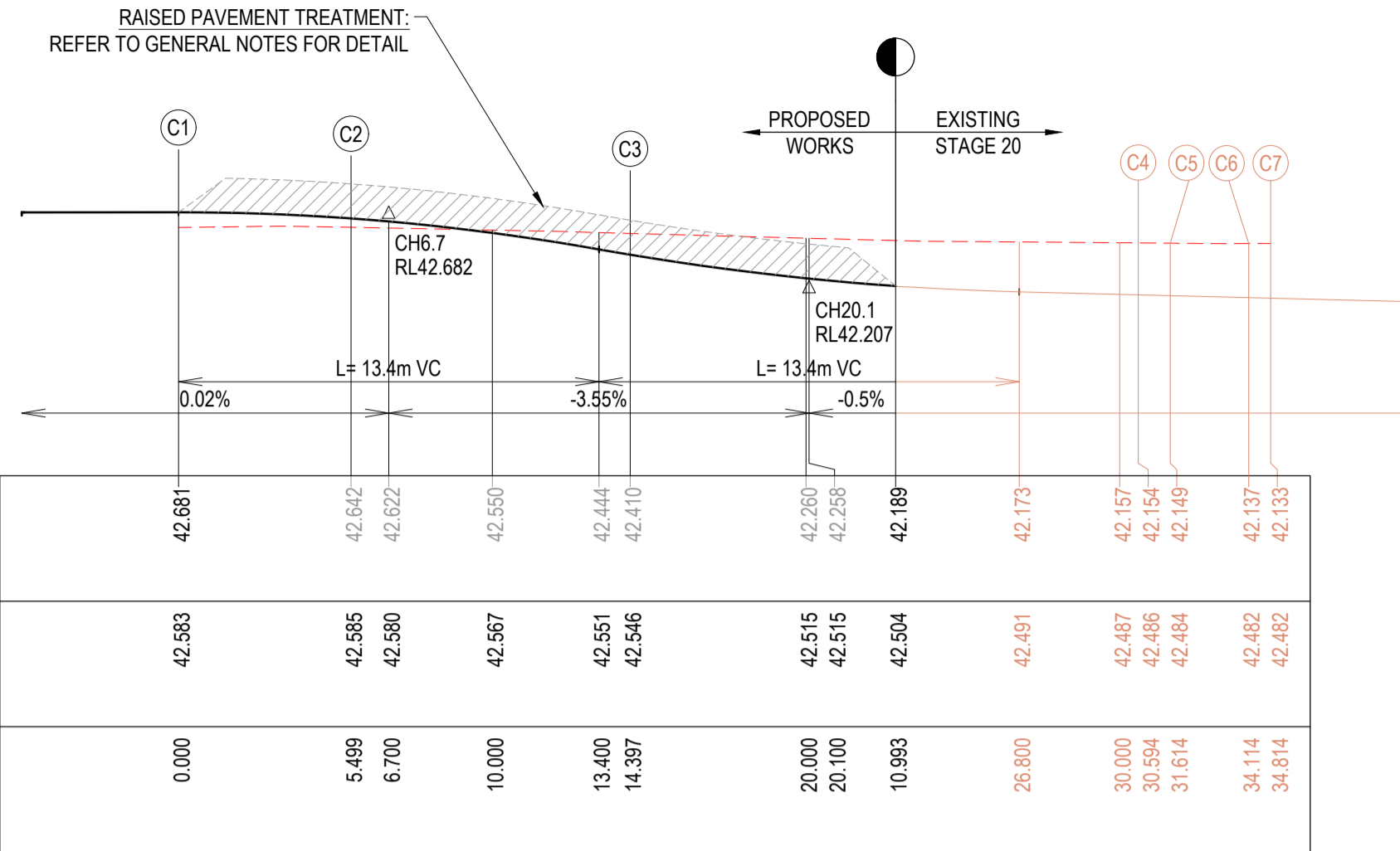
DESIGNED	M.PLANT	PROJECT ENGINEER	M.TROUNCE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.18	DRAWING No.	R300
REVISION			A



BETHANY ROAD / HERMOSA DRIVE & TIERRA BOULEVARD INTERSECTION

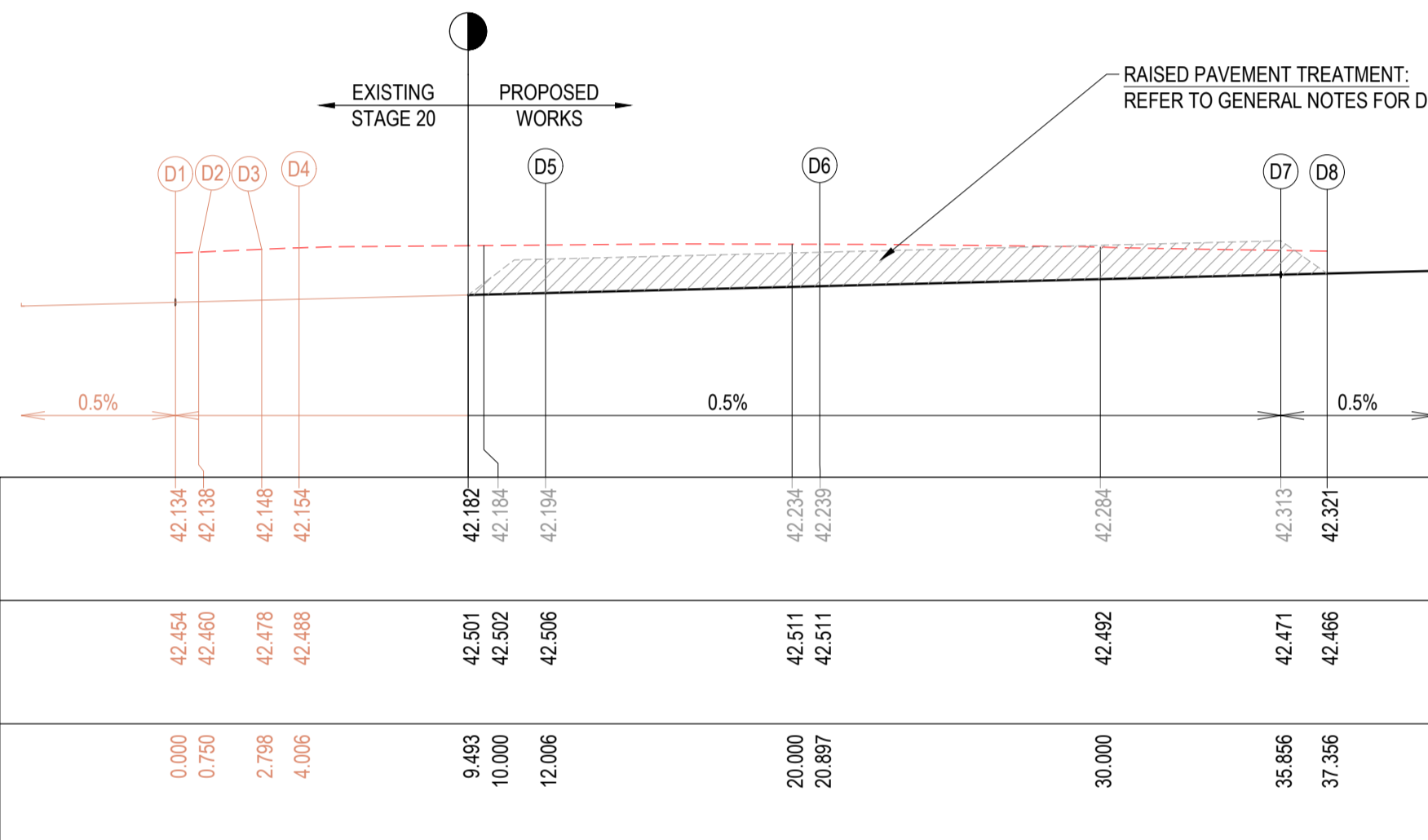


VERTICAL GEOMETRY
DATUM RL41
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE



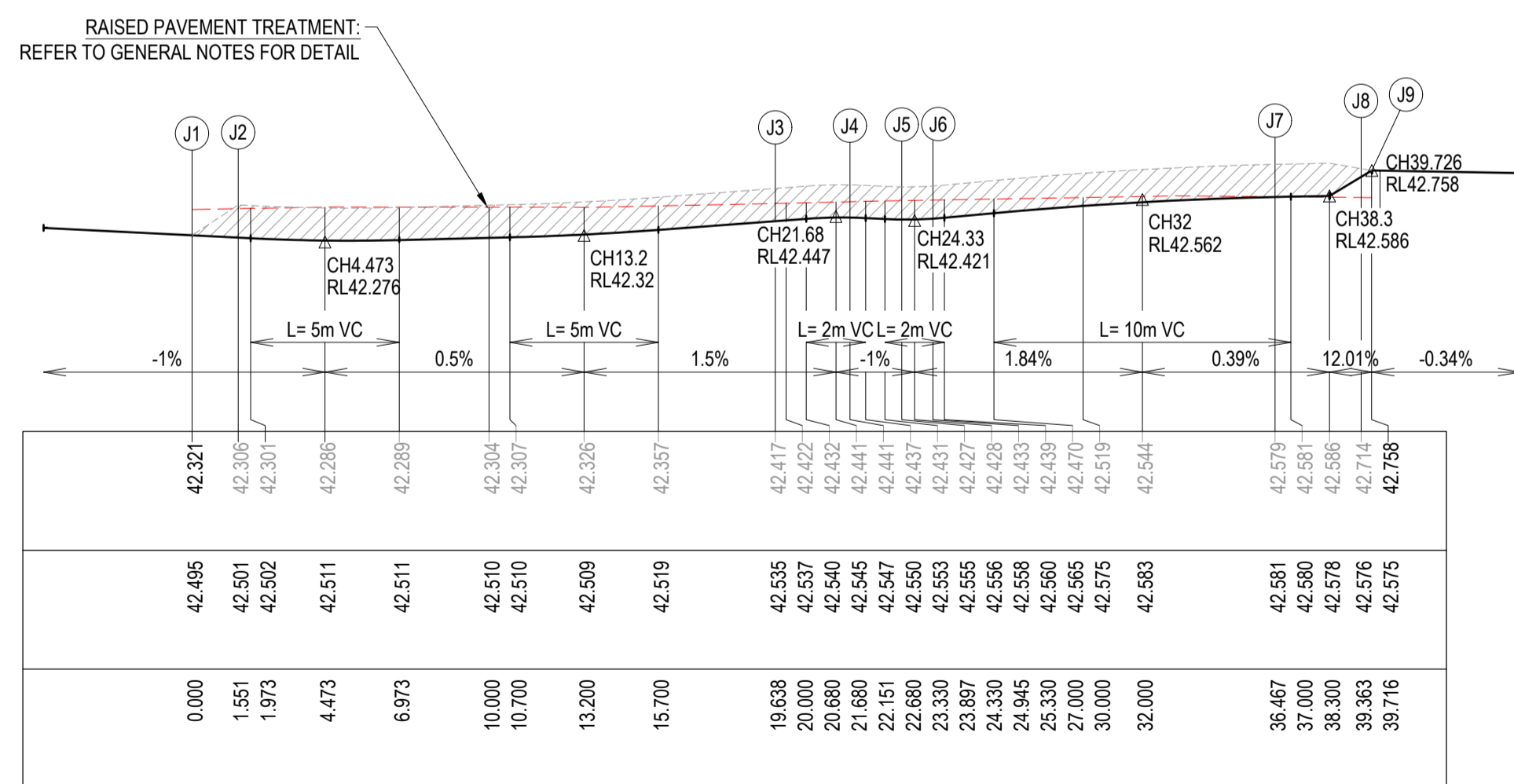
LIP LINE C

VERTICAL GEOMETRY
DATUM RL41
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE



LIP LINE D

VERTICAL GEOMETRY
DATUM RL41
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE



LIP LINE J

ALIGNMENT J

PT NO	EASTING	NORTHING	RL
J1	292197.505	5808031.451	42.321
J2	292198.875	5808030.735	42.306
J3	292213.024	5808019.492	42.417
J4	292215.421	5808018.991	42.441
J5	292217.136	5808019.315	42.427
J6	292218.143	5808019.123	42.433
J7	292228.164	5808013.447	42.579
J8	292230.709	5808012.065	42.714
J9	292231.015	5808011.889	42.758

CURVE NO I RAD ARC A B X Y I MID POINT RL

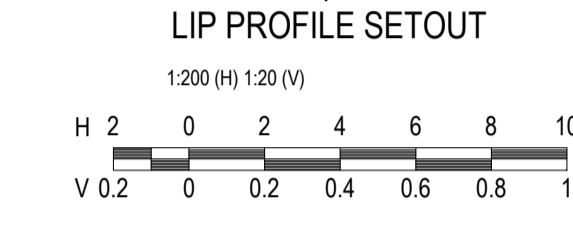
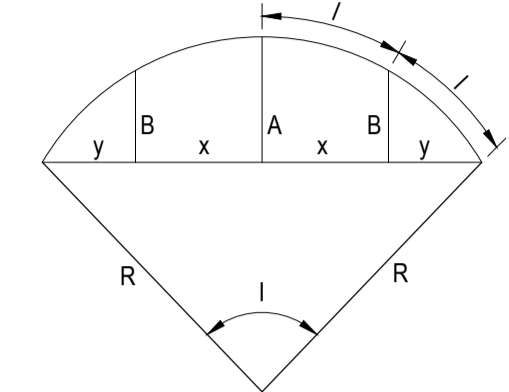
J2 - J3	8.314	124.650	18.087	0.328	0.246	4.521	4.515	4.522	42.307
J3 - J4	45.000	3.200	2.513	0.244	0.182	0.624	0.500	0.628	42.435
J5 - J6	42.919	1.400	1.049	0.097	0.073	0.261	0.252	0.262	42.428
J6 - J7	5.404	122.150	11.522	0.136	0.102	2.880	2.879	2.880	42.528
J7 - J8	3.322	49.950	2.896	0.021	0.016	0.724	0.724	0.724	42.585
J8 - J9	0.404	50.050	0.353	0.000	0.000	0.088	0.088	0.088	42.735

LEGEND - INTERSECTION PLAN

- STORMWATER DRAIN & PIT
- TACTILE PAVERS
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- CROWN
- MINOR CONTOUR
- MAJOR CONTOUR

LEGEND - SECTION

- EXISTING SURFACE
- DESIGN LINE



ALIGNMENT C

PT NO	EASTING	NORTHING	RL
C1	292227.230	5808003.885	42.681
C2	292222.309	5808006.339	42.642
C3	292213.825	5808005.975	42.410
C4	292201.805	5807995.222	42.154
C5	292201.451	5807994.285	42.149
C6	292201.404	5807991.785	42.137
C7	292201.173	5807991.140	42.133

CURVE NO I RAD ARC A B X Y I MID POINT RL

C1 - C2	2.403	131.150	5.499	0.029	0.022	1.375	1.375	1.375	42.671
C2 - C3	60.328	8.450	8.897	1.144	0.853	2.199	2.047	2.224	42.551
C3 - C4	18.399	50.440	16.198	0.649	0.486	4.045	4.019	4.049	42.216
C4 - C5	36.506	1.600	1.019	0.081	0.060	0.284	0.247	0.255	42.152
C5 - C6	2.839	50.450	2.500	0.015	0.012	0.625	0.625	0.625	42.143
C6 - C7	40.111	1.000	0.700	0.061	0.045	0.174	0.169	0.175	42.135

ALIGNMENT D

PT NO	EASTING	NORTHING	RL
D1	292193.400	5807997.901	42.134
D2	292194.042	5807998.254	42.138
D3	292196.072	5807998.525	42.148
D4	292197.100	5807999.104	42.154
D5	292202.025	5808005.407	42.194
D6	292203.050	5808013.832	42.239
D7	292194.473	5808025.952	42.313
D8	292193.374	5808026.973	42.321

CURVE NO I RAD ARC A B X Y I MID POINT RL

D1 - D2	42.963	1.000	0.750	0.069	0.052	0.186	0.180	0.187	42.136
D2 - D3	0.475	246.950	2.049	0.002	0.002	0.512	0.512	0.512	42.143
D3 - D4	43.251	1.600	1.208	0.113	0.084	0.300	0.289	0.302	42.151
D4 - D5	1.848	248.077	7.999	0.032	0.024	2.000	2.000	2.000	42.174
D5 - D6	60.289	8.450	8.891	1.143	0.852	2.197	2.046	2.223	42.216
D6 - D7	24.178	35.450	14.959	0.786	0.589	3.733	3.691	3.740	42.276

NOTE
FOR SIGNS & LINEMARKING PLAN
REFER SHEETS R800.

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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P.	A.W.	M.T.

villawood properties
Communities Designed for Living

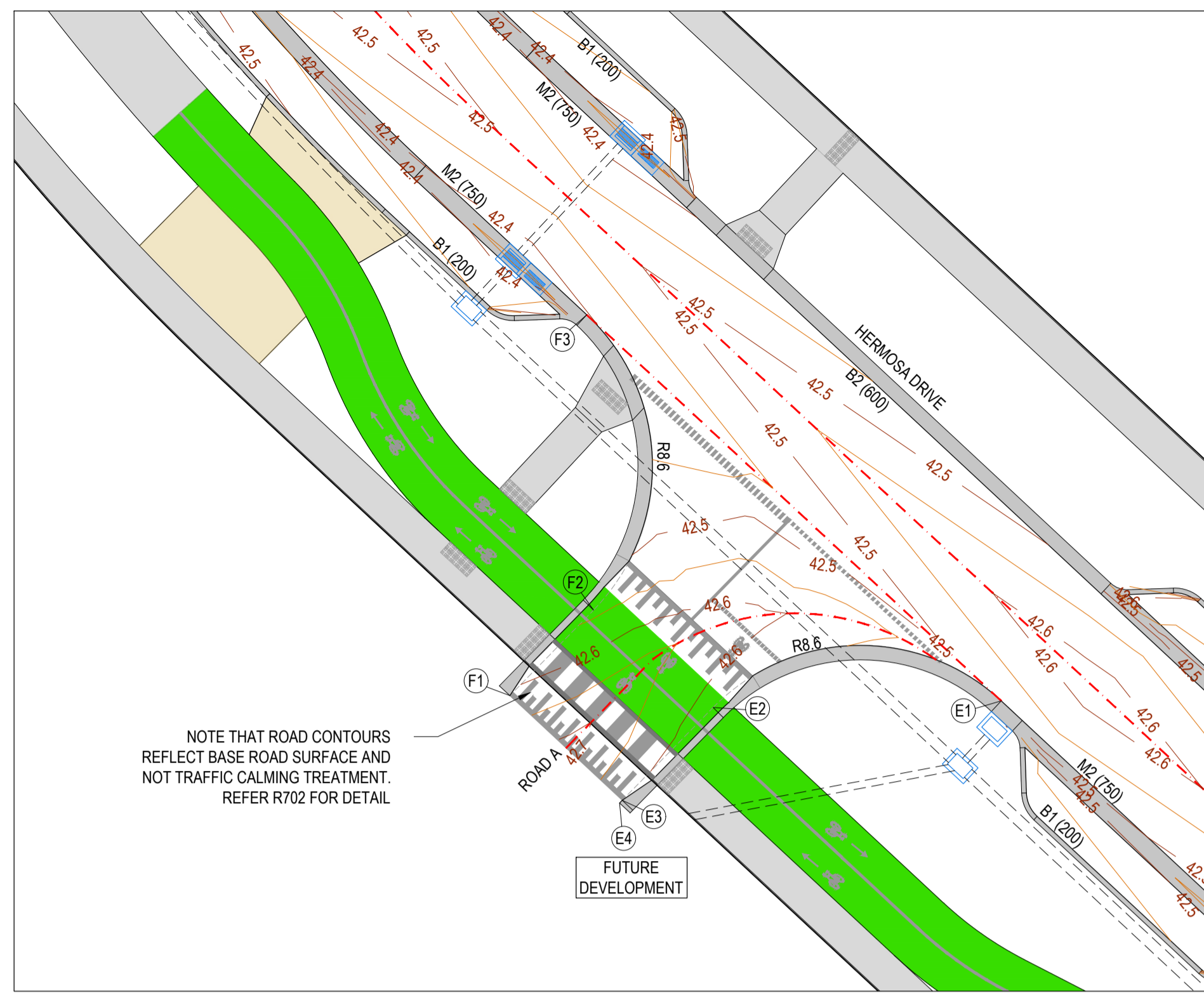
creo CIVIL
Suite 1, 2 Bloomsbury Street
Newtown, VIC, Australia 3220

ALAMORA
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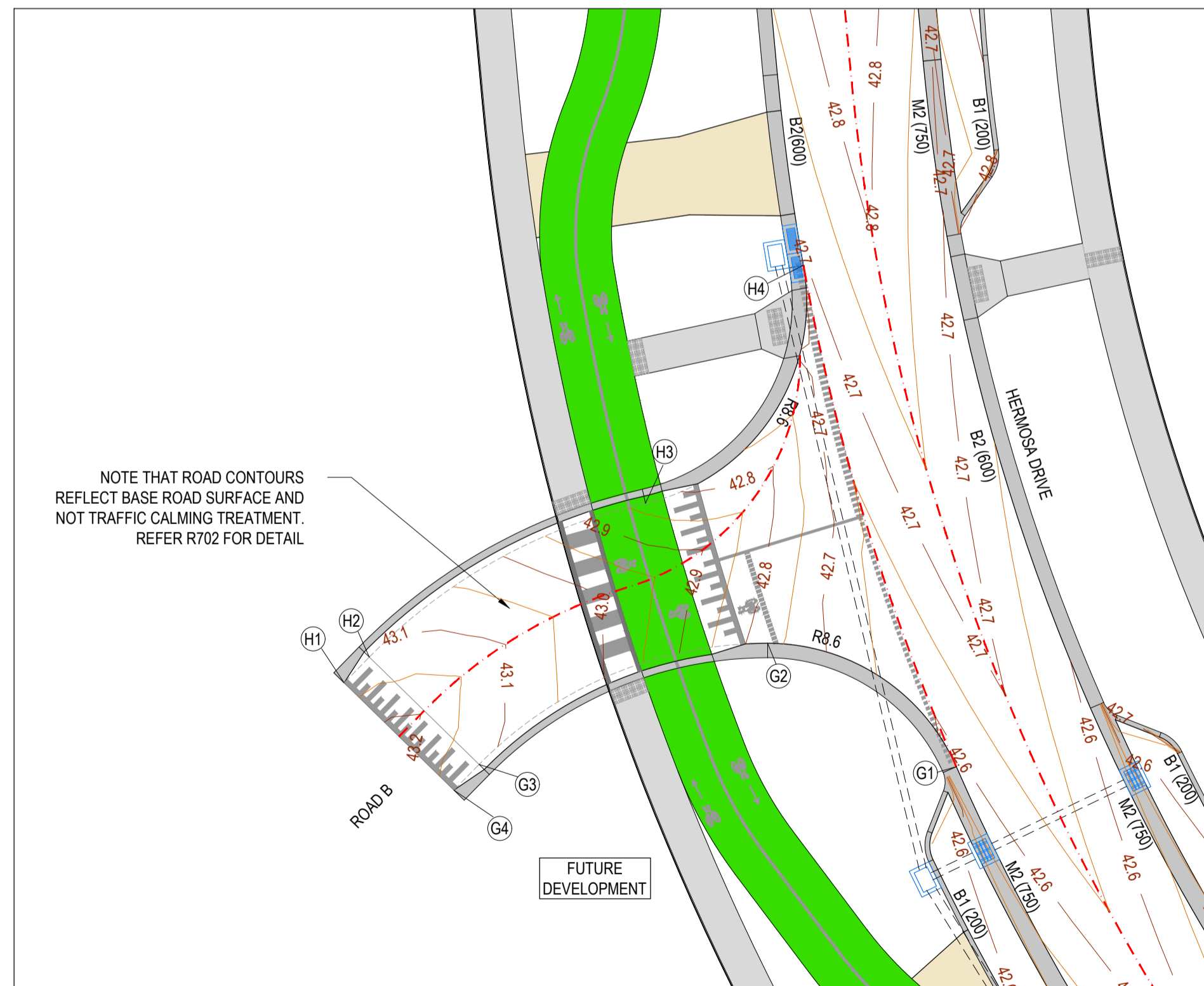
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ALAMORA - STAGE 18
INTERSECTION DETAILS - 2

STATUS
TENDER
NOT FOR CONSTRUCTION
SCALE @ A1:
AS SHOWN

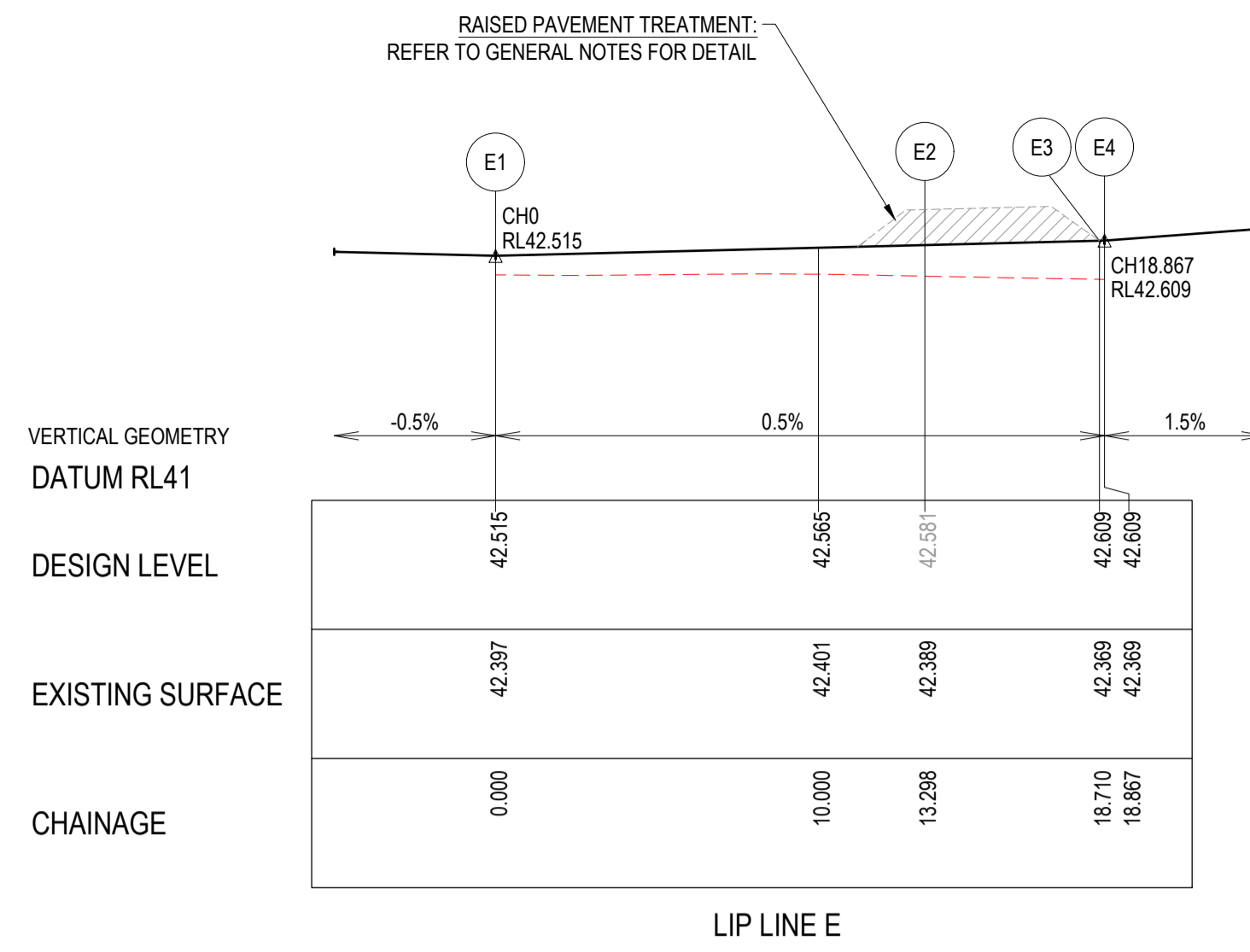
DESIGNED
M.PLANT
PROJECT ENGINEER
M.TROUNCE
DRAWN
M.PLANT
PROJECT MANAGER
M.TROUNCE
PROJECT No.
200282.18
DRAWING No.
R301
REVISION
A



HERMOSA DRIVE & ROAD A INTERSECTION



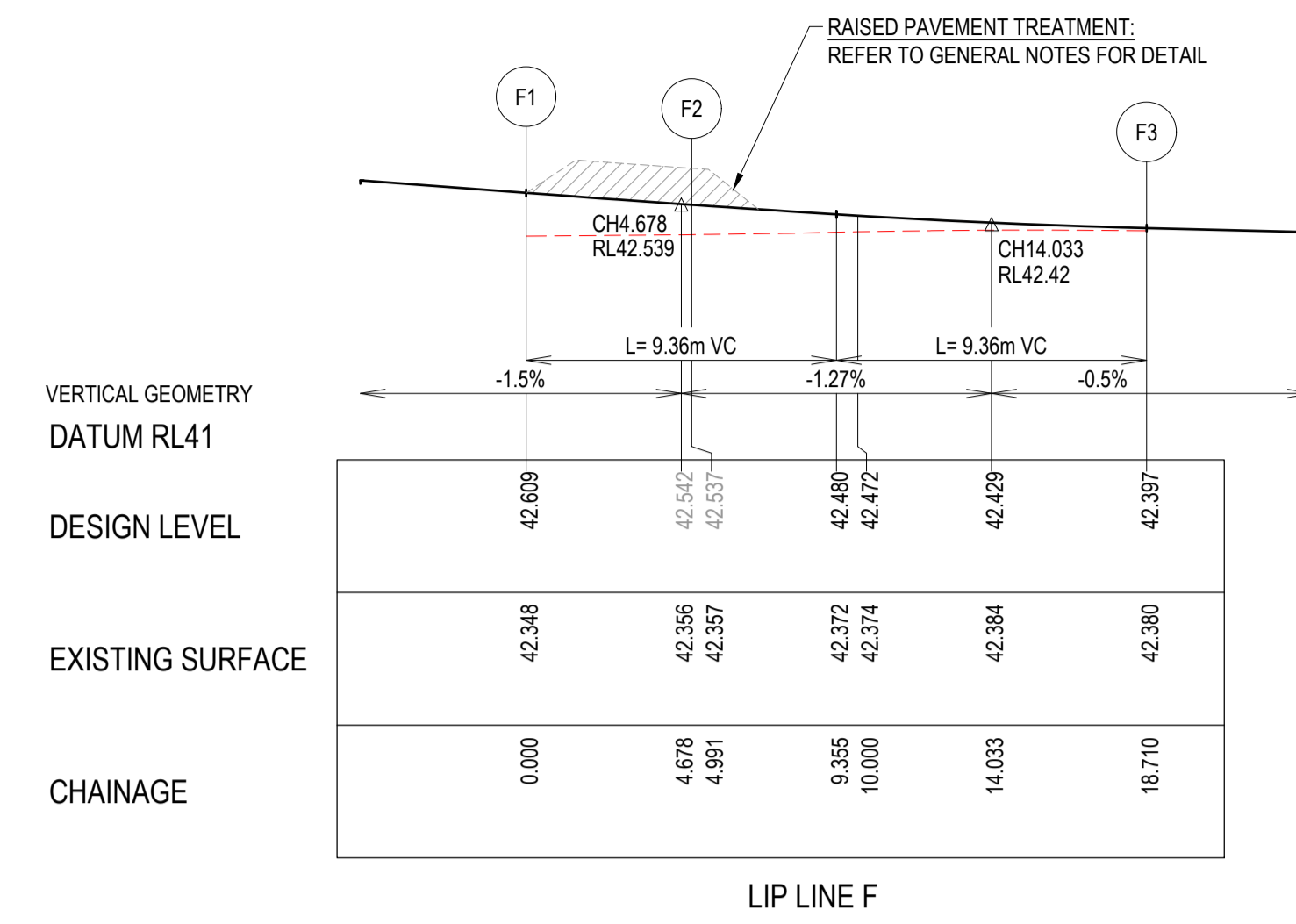
HERMOSA DRIVE & ROAD B INTERSECTION



ALIGNMENT E

PT NO	EASTING	NORTHING	RL
E1	292161.072	5808057.072	42.515
E2	292149.063	5808056.796	42.581
E3	292145.277	5808052.928	42.609
E4	292145.167	5808052.815	42.609

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
E1 - E2	88.594	8.600	13.298	2.445	1.810	3.242	2.764	3.324	42.548



ALIGNMENT F

PT NO	EASTING	NORTHING	RL
F1	292140.593	5808057.292	42.609
F2	292144.084	5808060.858	42.537
F3	292143.800	5808073.166	42.397

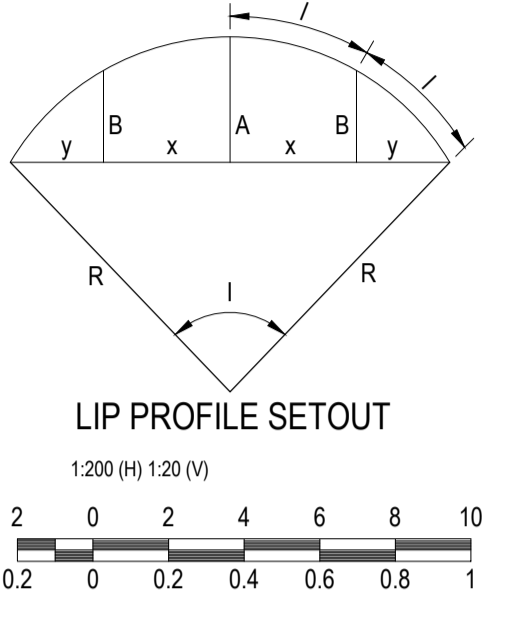
CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
F2 - F3	91.406	8.600	13.720	2.594	1.919	3.340	2.816	3.430	42.451

LEGEND - INTERSECTION PLAN

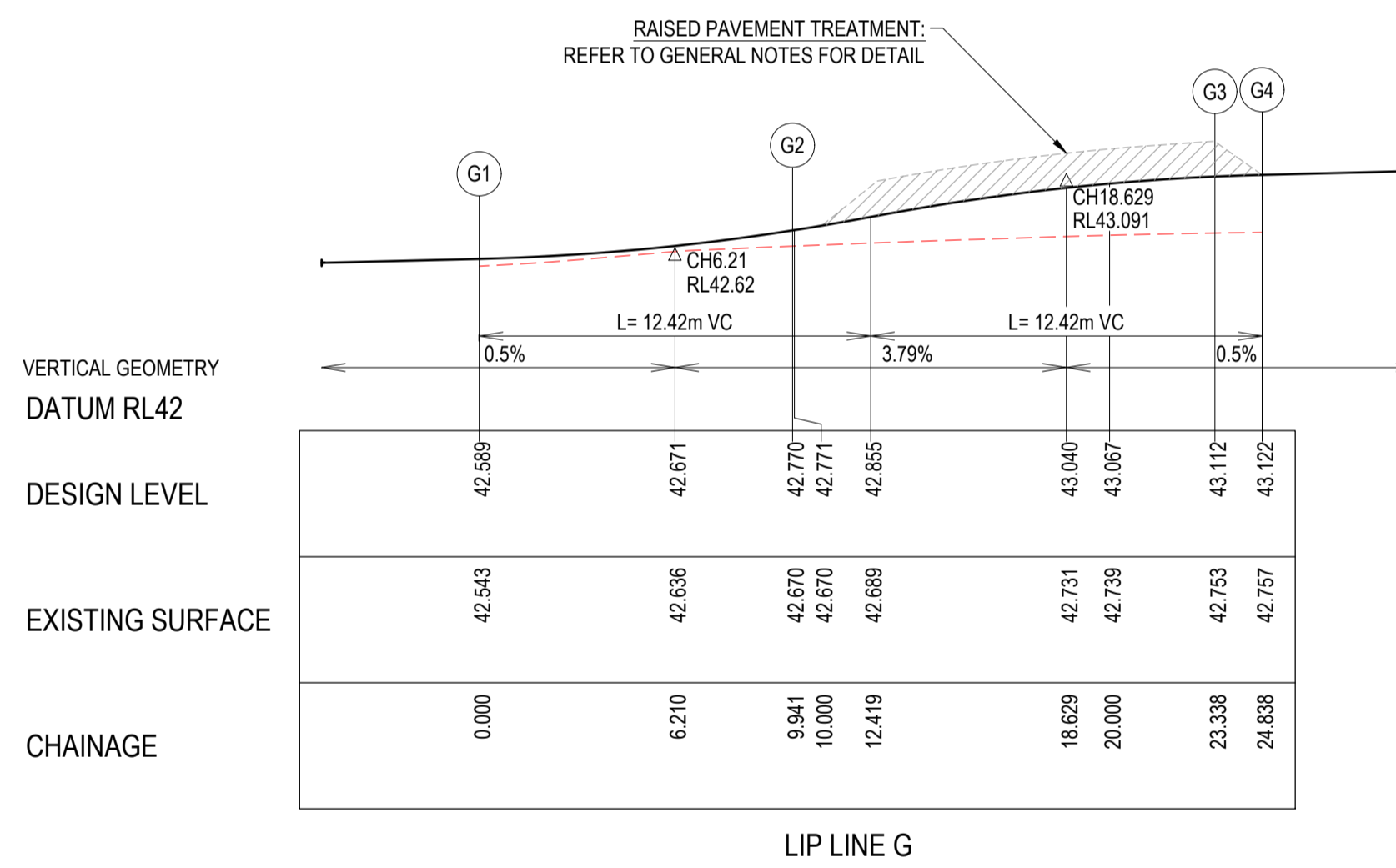
- STORMWATER DRAIN & PIT
- TACTILE PAVERS
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- CROWN
- MINOR CONTOUR
- MAJOR CONTOUR

LEGEND - SECTION

- EXISTING SURFACE
- DESIGN LINE



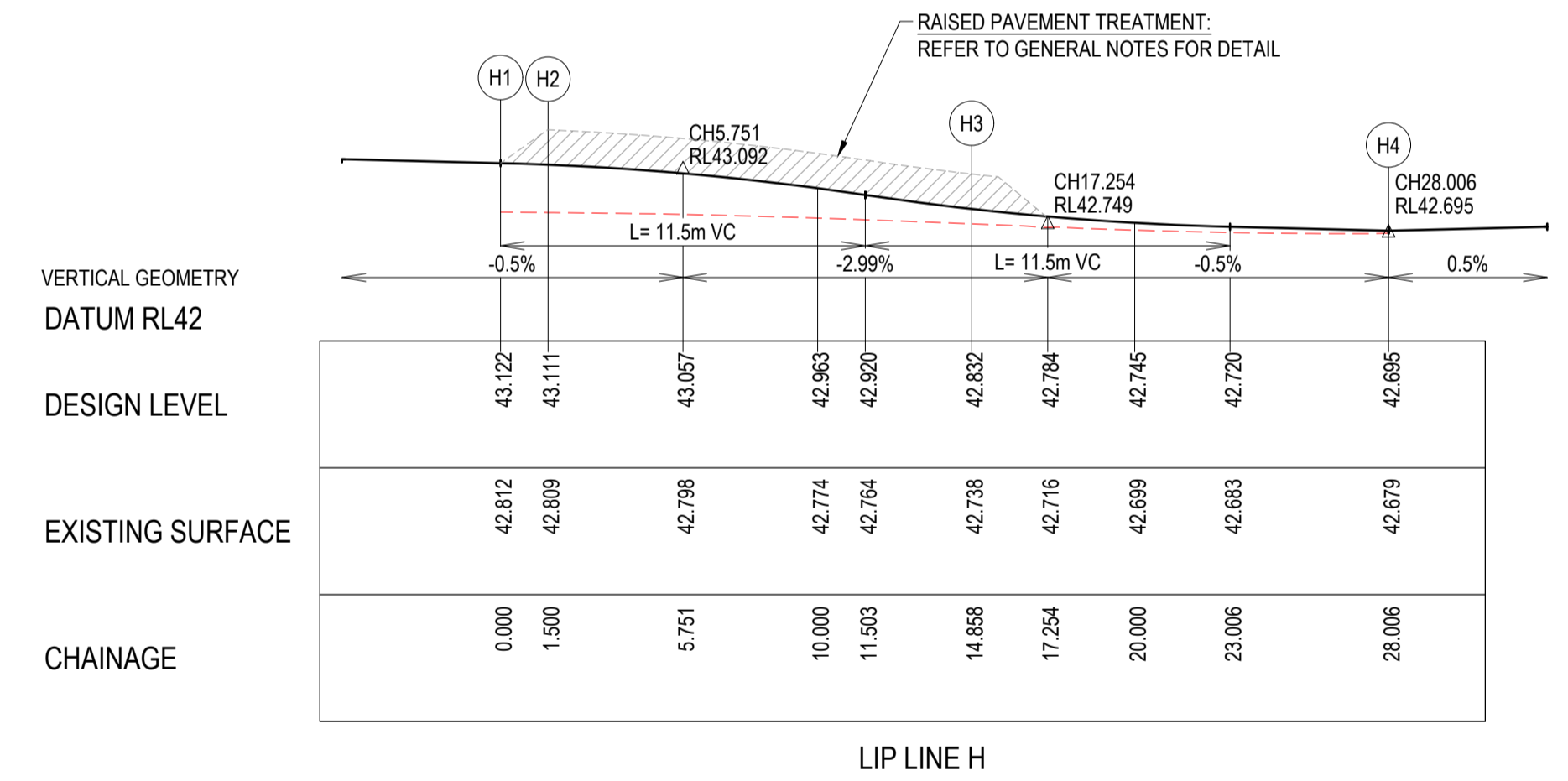
NOTE FOR SIGNS & LINEMARKING PLAN
REFER SHEETS R800.



ALIGNMENT G

PT NO	EASTING	NORTHING	RL
G1	292115.312	5808110.118	42.589
G2	292107.448	5808115.261	42.770
G3	292095.419	5808110.212	43.112
G4	292094.370	5808109.140	43.122

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
G1 - G2	66.229	8.600	9.941	1.397	1.040	2.451	2.248	2.485	42.646
G2 - G3	45.692	16.800	13.397	1.318	0.985	3.327	3.195	3.349	42.992



ALIGNMENT H

PT NO	EASTING	NORTHING	RL
H1	292089.796	5808113.617	43.122
H2	292090.846	5808114.689	43.111
H3	292102.354	5808121.100	42.832
H4	292108.937	5808131.019	42.695

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
H2 - H3	32.989	23.200	13.358	0.955	0.715	3.328	3.259	3.339	43.008
H3 - H4	87.597	8.600	13.148	2.393	1.772	3.208	2.745	3.287	42.730

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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

villawood
properties
Communities Designed for Living

creo
CIVIL
Suite 1, 2 Bloomsbury Street
Newtown, VIC, Australia 3220

ALAMORA
Tarnait

ALAMORA - STAGE 18
INTERSECTION DETAILS - 3

TENDER
NOT FOR CONSTRUCTION
SCALE @ A1:
AS SHOWN

DESIGNED: M.PLANT
PROJECT ENGINEER: M.TROUNCE
DRAWN: M.PLANT
PROJECT MANAGER: M.TROUNCE
PROJECT No: **200282.18**
DRAWING No: **R302**
REVISION: **A**

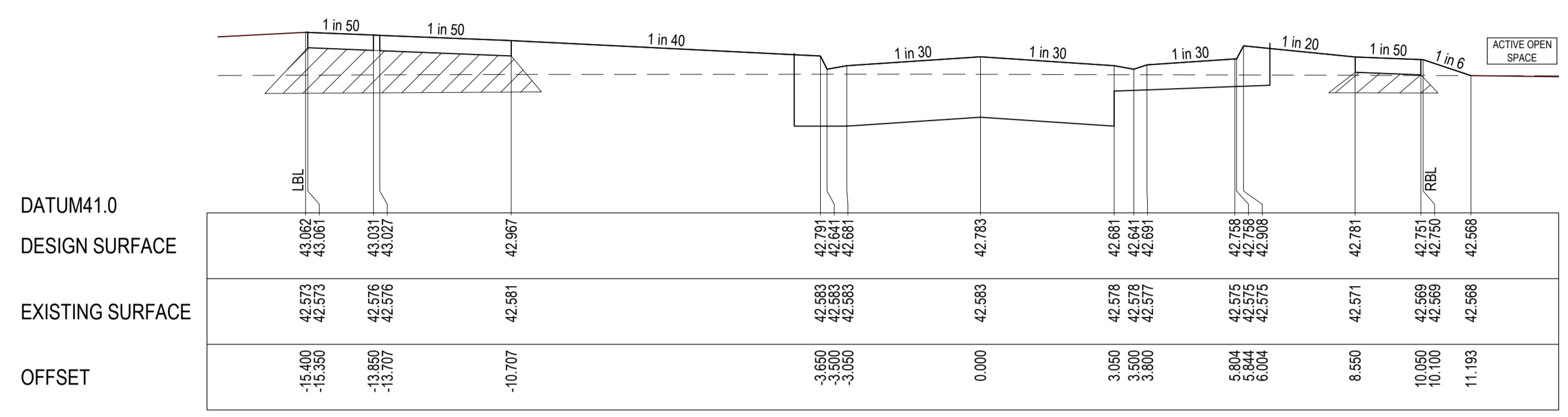
LEGEND

	EXISTING SURFACE
	DESIGN LINE
	SELECT STRUCTURAL FILL

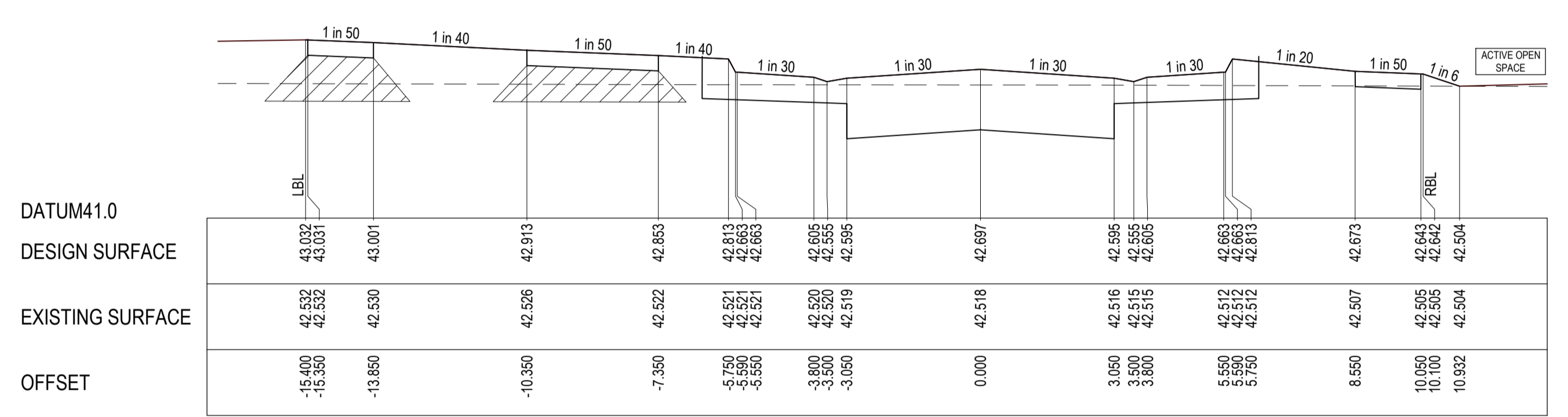
NOTE:
CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

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

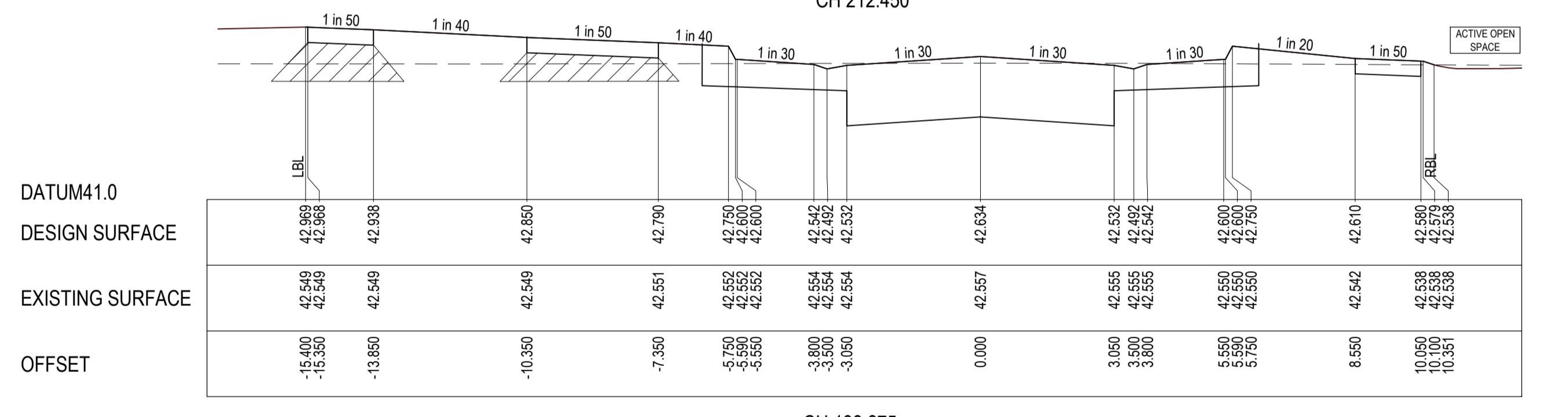
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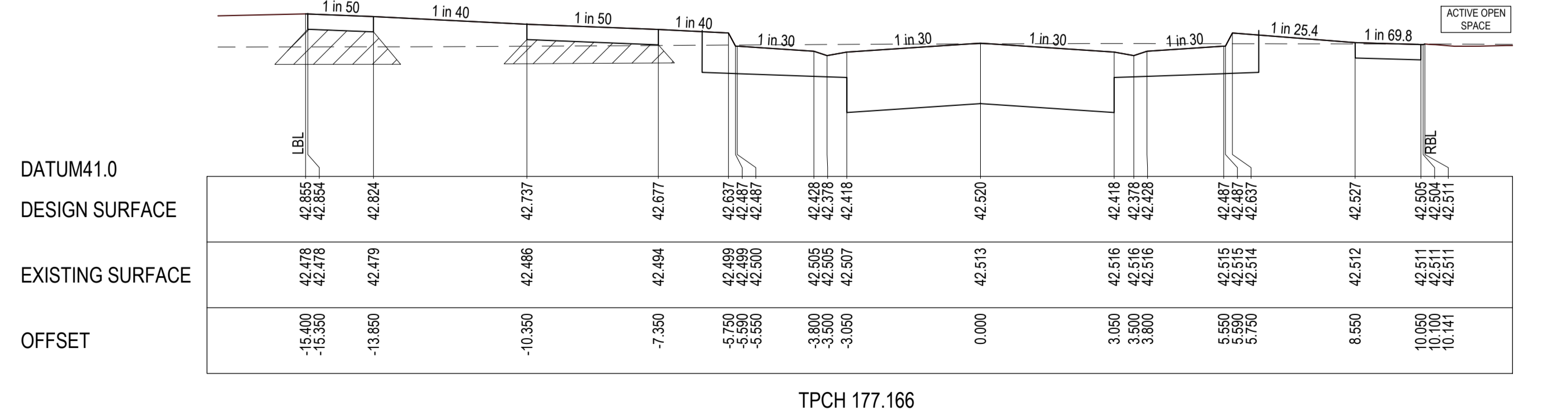
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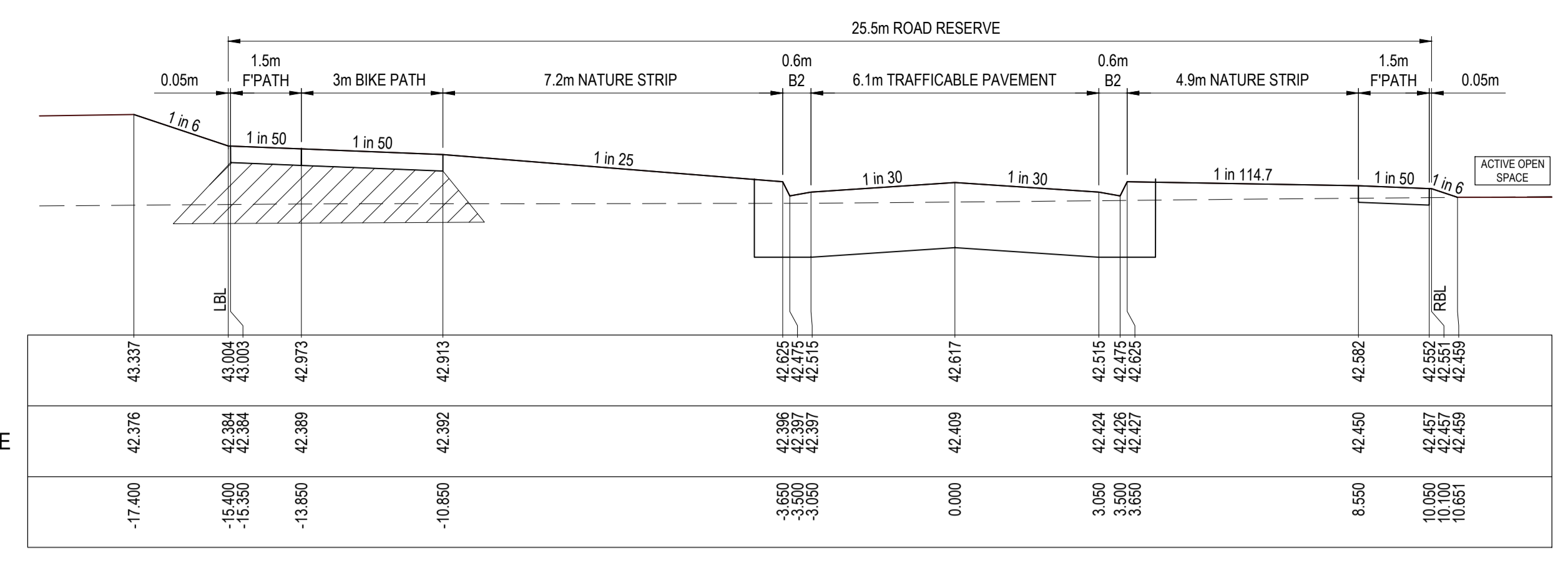
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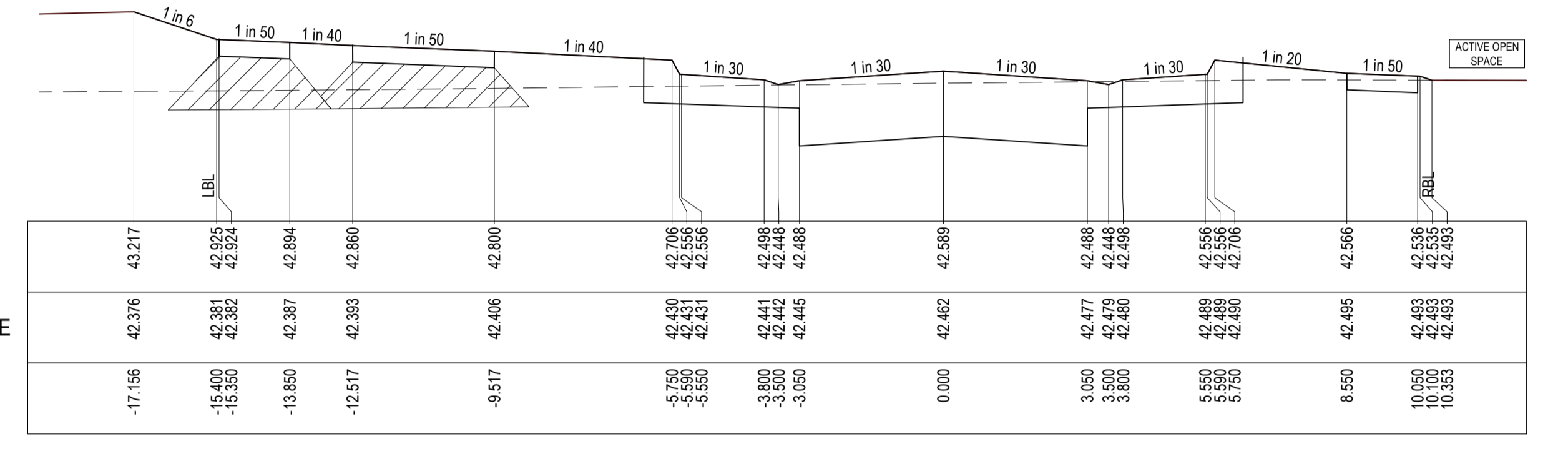
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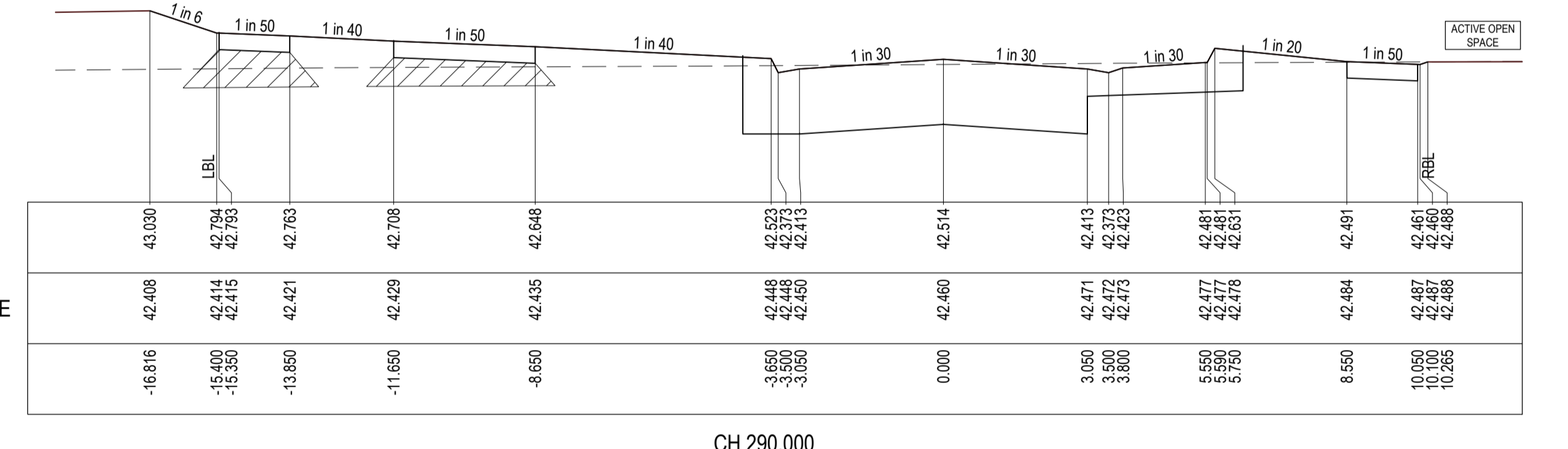
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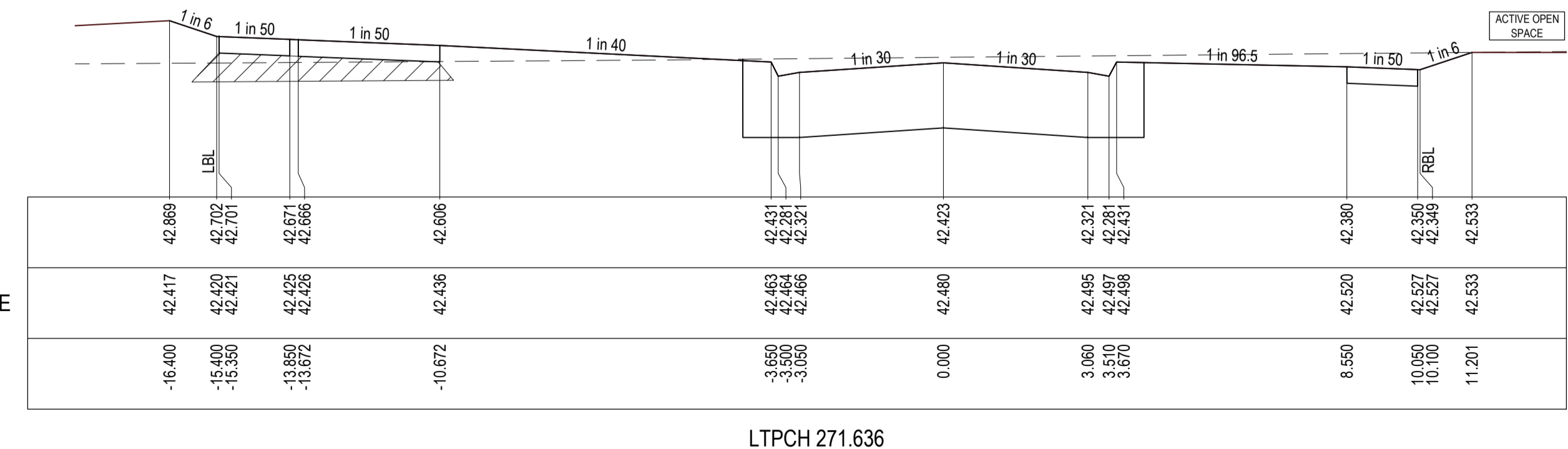
LTPCH 315.788



CH 305.000



CH 290.000



LTPCH 271.636

P:\2020\20202 - ALAMORA_TENDER\20202 - BETHANY ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

CLIENT

Communities Designed for Living

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

PROJECT

DRAWING TITLE

**ALAMORA - STAGE 18
ROAD CROSS SECTIONS - 2
BETHANY ROAD / HERMOSA DRIVE**

STATUS

**TENDER
NOT FOR CONSTRUCTION**

SCALE @ A1: 1:100 (H) 1:50 (V)

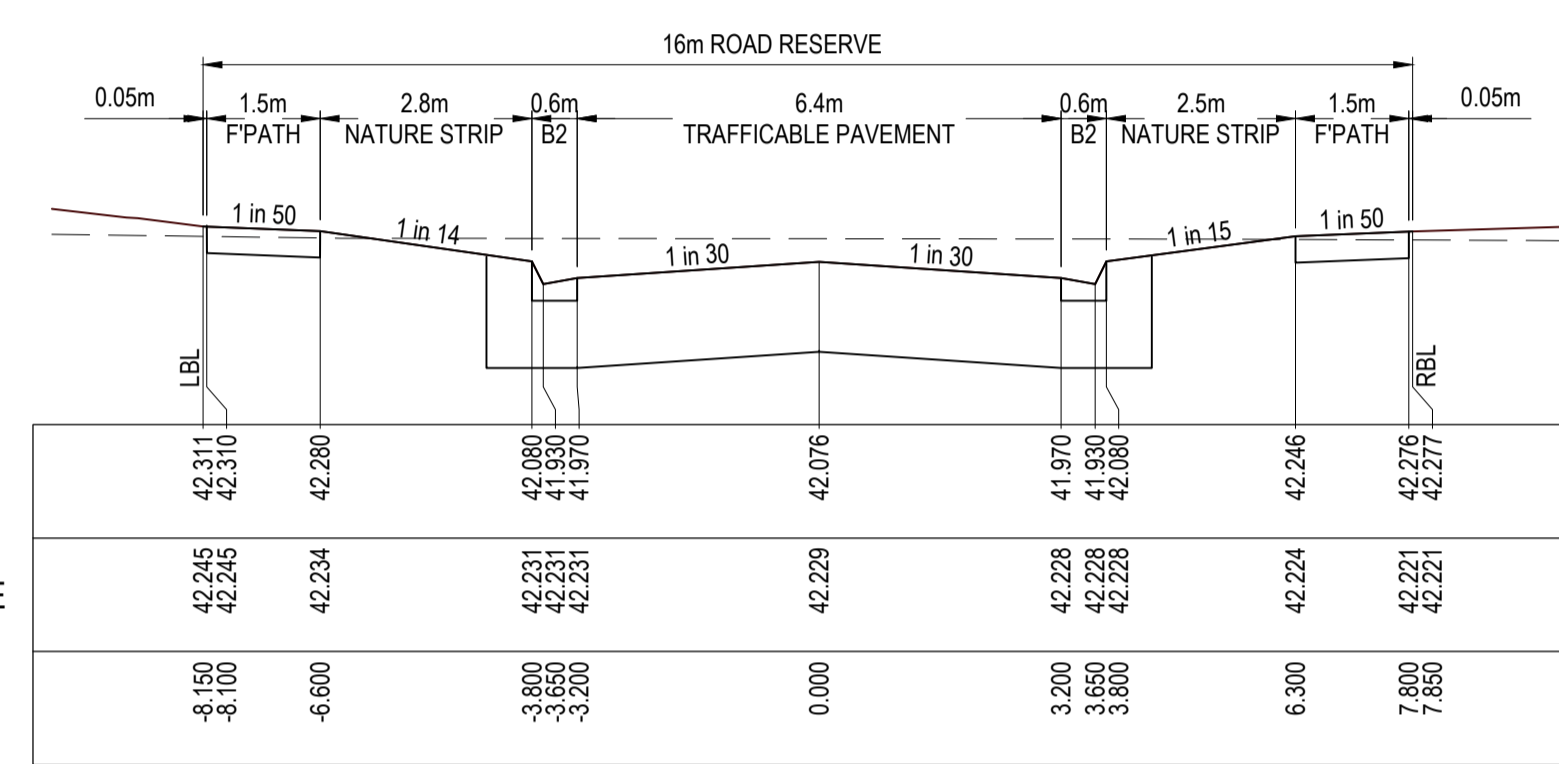
DESIGNED	M.PLANT	PROJECT ENGINEER	M.TROUNCE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.18	DRAWING No.	R501
REVISION			A

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

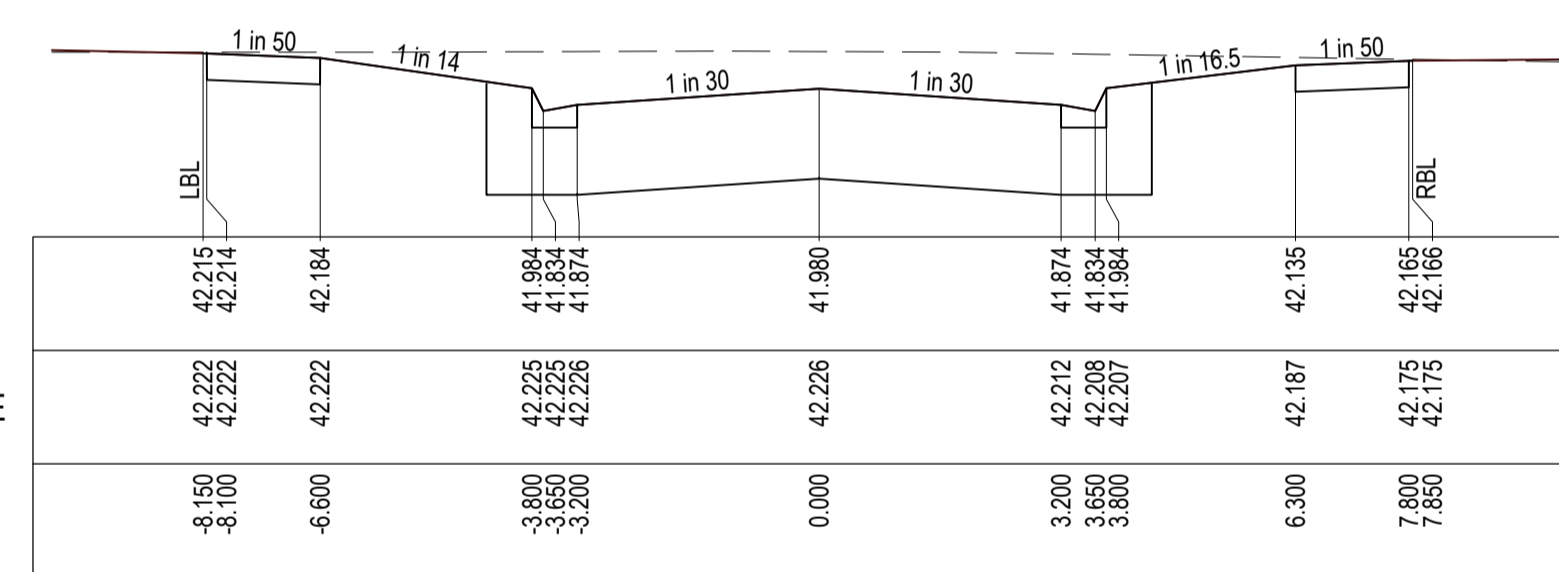
NOTE:
 CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

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

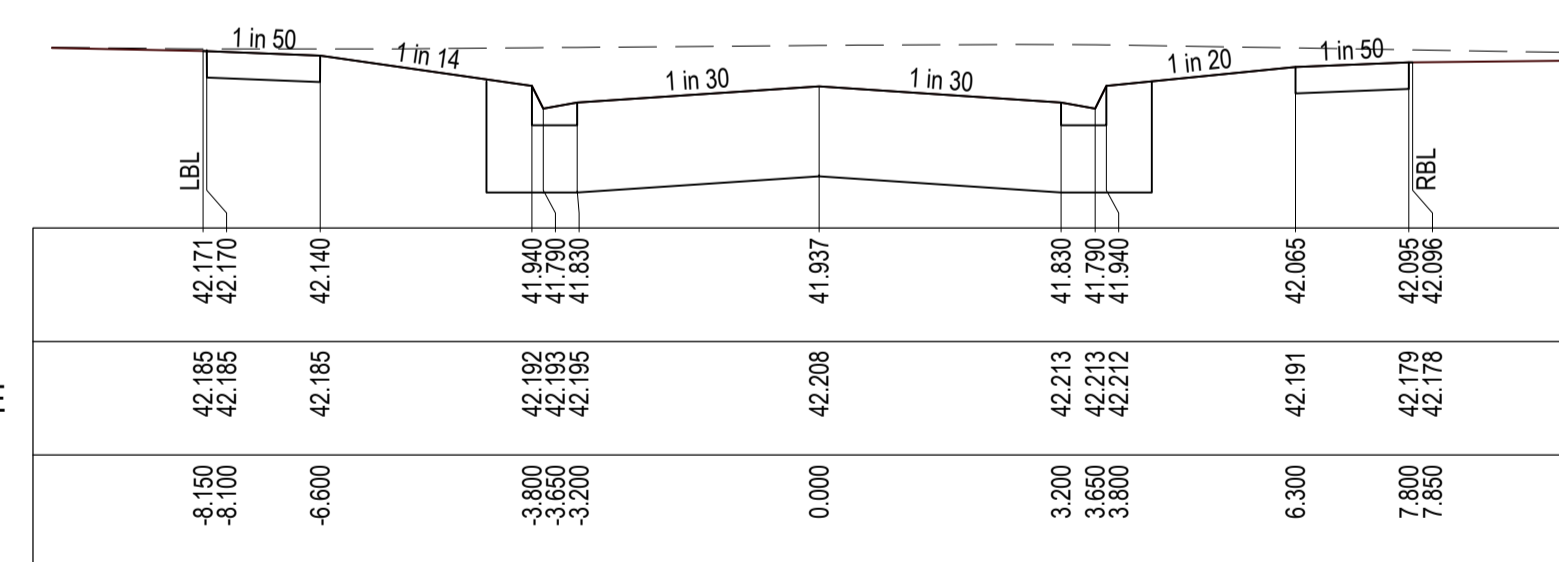
LEGEND
 - - - - - EXISTING SURFACE
 ———— DESIGN LINE
 ▨▨▨▨▨ SELECT STRUCTURAL FILL



TPCH 279.181



CH 260.000



L.O.W CH 251.318

P:\2020\20282 - ALAMORA - TARNET\20282 - CIVIL\2 - DRAFTING\CAD\20282 - R - R500 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

CLIENT

Communities Designed for Living

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

PROJECT

DRAWING TITLE

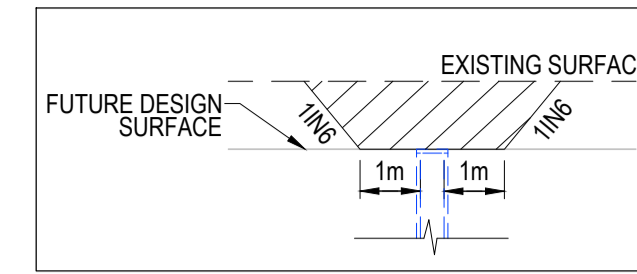
**ALAMORA - STAGE 18
 ROAD CROSS SECTIONS - 4
 ANDRIA DRIVE**

STATUS

**TENDER
 NOT FOR CONSTRUCTION**

SCALE @ A1: 1:100 (H) 1:50 (V)

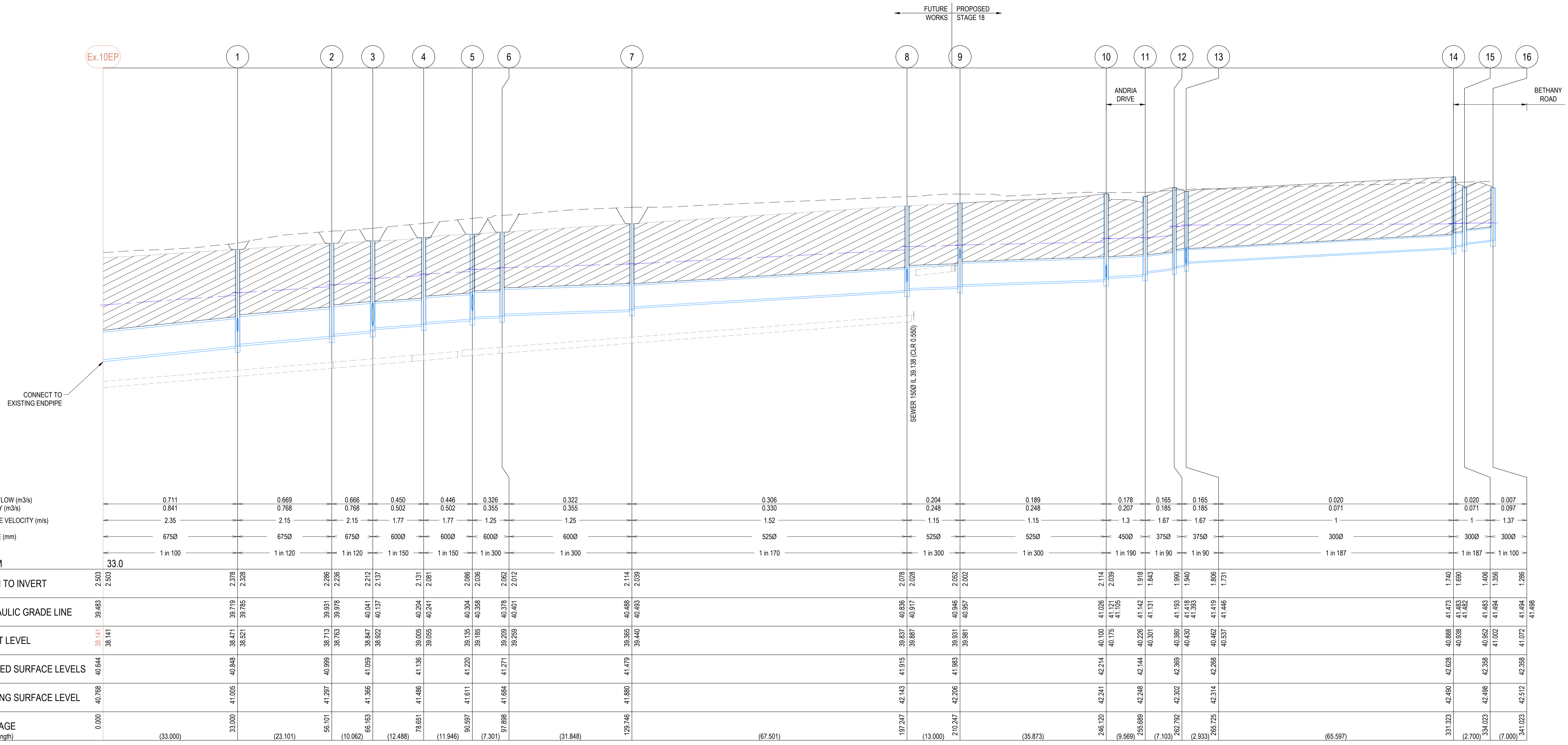
DESIGNED	M.PLANT	PROJECT ENGINEER	M.TROUNCE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.18	DRAWING No.	R503
		REVISION	A



WARNING
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LEGEND

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



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DESIGN FLOW (m³/s)	0.711	0.669	0.666	0.450	0.446	0.326	0.322	0.306	0.204	0.189	0.178	0.165	0.165	0.020	0.020	0.007
CAPACITY (m³/s)	0.841	0.768	0.768	0.502	0.502	0.355	0.355	0.330	0.248	0.248	0.207	0.185	0.185	0.071	0.071	0.097
AT GRADE VELOCITY (m/s)	2.35	2.15	2.15	1.77	1.77	1.25	1.25	1.52	1.15	1.15	1.3	1.67	1.67	1	1	1.37
PIPE SIZE (mm)	6750	6750	6750	6000	6000	6000	6000	5250	5250	5250	4500	3750	3750	3000	3000	3000
GRADE DATUM	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
DEPTH TO INVERT	2.903	2.903	2.903	2.266	2.266	2.086	2.114	2.076	2.028	2.114	2.039	1.943	1.906	1.740	1.690	1.286
HYDRAULIC GRADE LINE	39.483	39.719	39.785	39.931	39.978	40.041	40.204	40.488	40.946	41.026	41.121	41.131	41.103	41.473	41.482	41.494
INVERT LEVEL	38.141	38.471	38.521	38.763	38.847	39.055	39.135	39.385	39.981	40.100	40.175	40.206	40.301	40.888	40.938	41.002
FINISHED SURFACE LEVELS	40.644	40.848	40.969	41.059	41.136	41.220	41.479	41.915	41.983	42.214	42.241	42.144	42.369	42.628	42.628	42.356
EXISTING SURFACE LEVEL	40.768	41.005	41.297	41.396	41.486	41.611	41.880	42.143	42.206	42.241	42.241	42.248	42.302	42.490	42.498	42.512
CHAINAGE (Reach Length)	0.000	33.000	66.000	99.000	132.000	165.000	198.000	231.000	264.000	297.000	330.000	363.000	396.000	429.000	462.000	495.000

P:\2020\20282 - ALAMORA - TENDER\20282 - R600 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

CLIENT

Communities Designed for Living

creo CIVIL

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

PROJECT

DRAWING TITLE

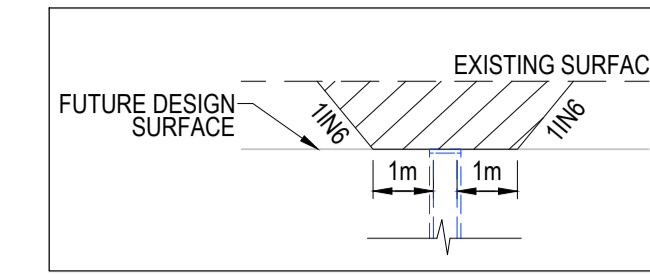
**ALAMORA - STAGE 18
DRAINAGE LONG SECTIONS - 1**

STATUS

**TENDER
NOT FOR CONSTRUCTION**

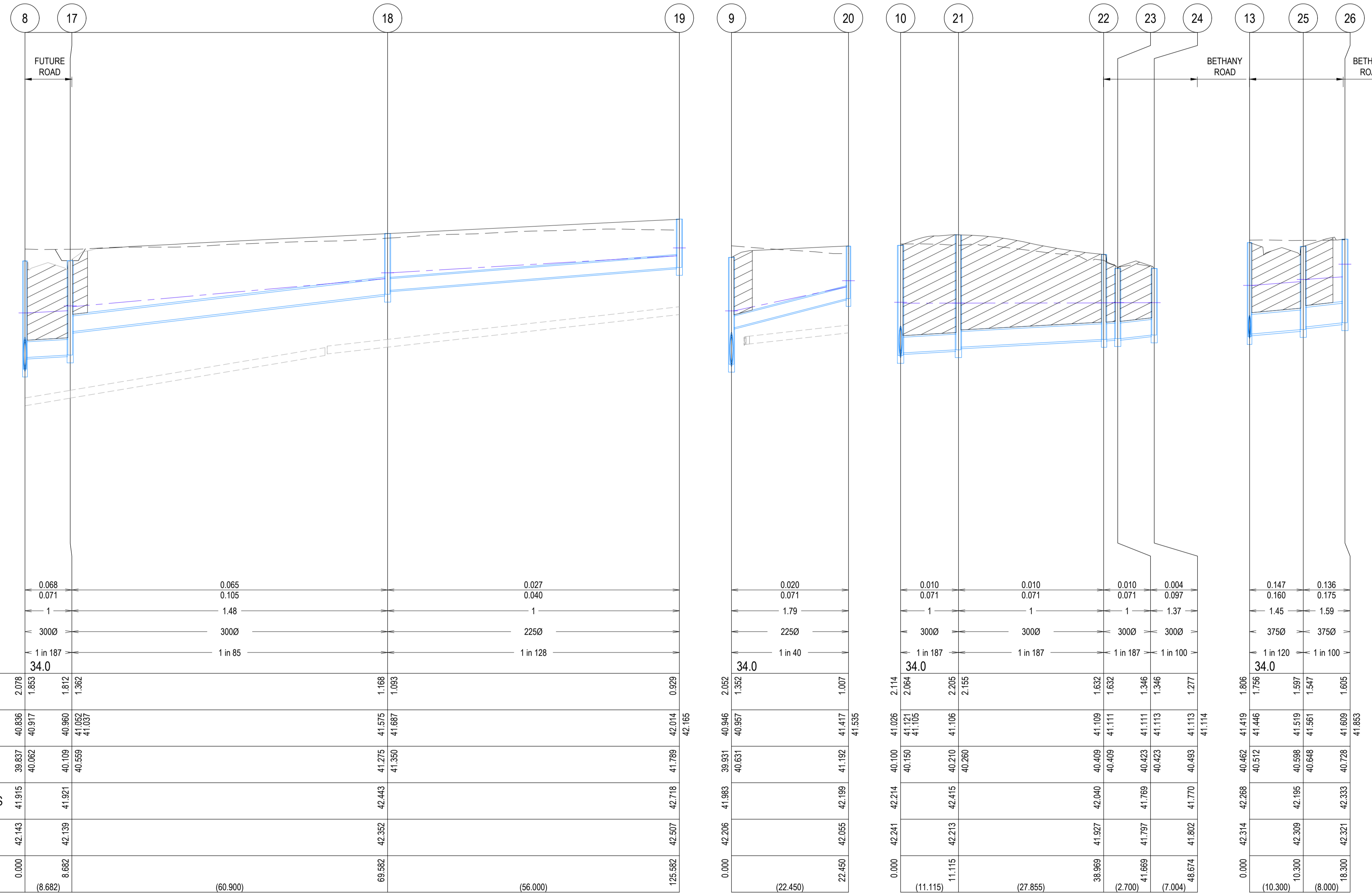
SCALE @ A1: 1:500 (H) 1:50 (V)

DESIGNED	M.PLANT	PROJECT ENGINEER	M.TROUNCE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.18	DRAWING No.	R600
REVISION			A



WARNING
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 www.1100.com.au

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



P:\2020\20282 - ALAMORA - TENDER\20282 - CIVIL\2 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

CLIENT

Communities Designed for Living

PROJECT

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

DRAWING TITLE

ALAMORA - STAGE 18
DRAINAGE LONG SECTIONS - 2

STATUS

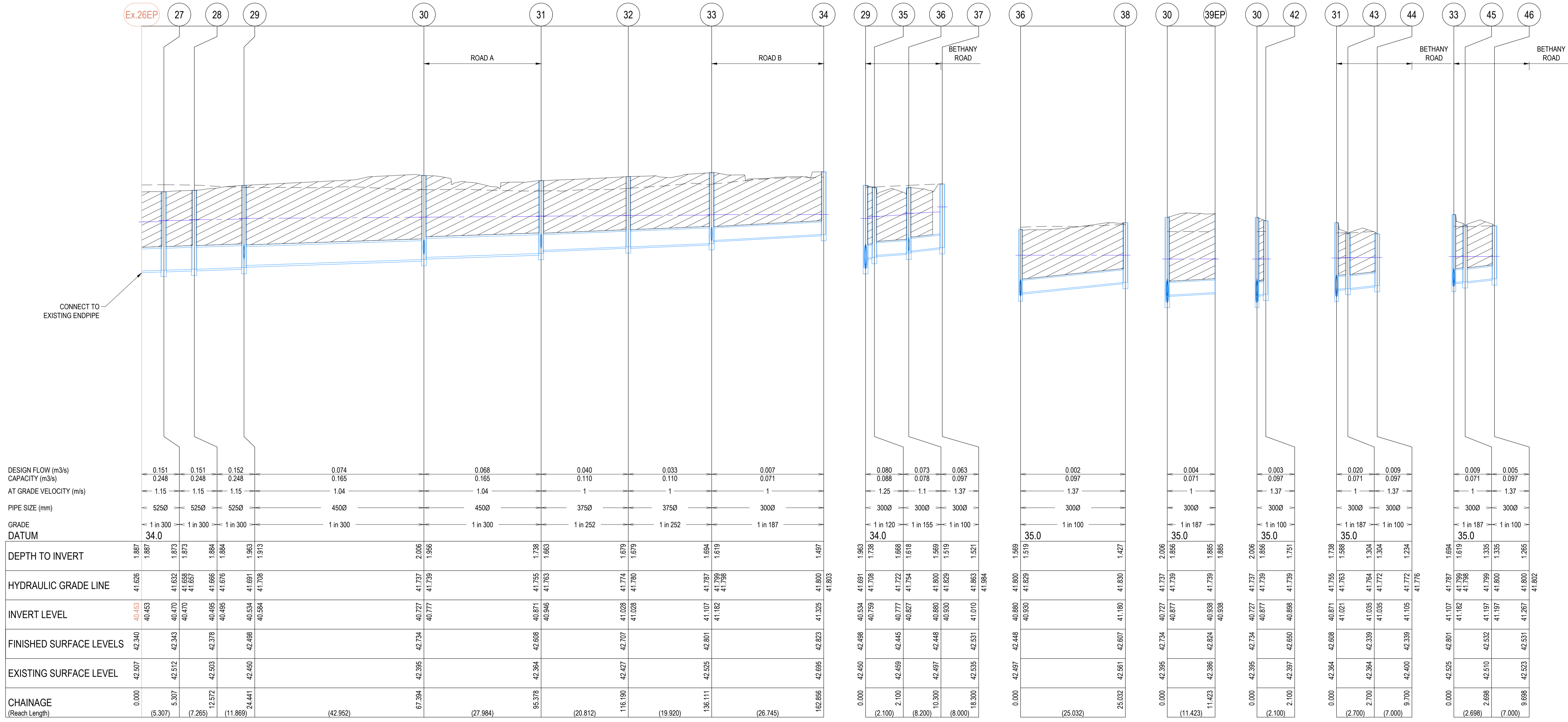
TENDER
NOT FOR CONSTRUCTION

SCALE @ A1: 1:500 (H) 1:50 (V)

DESIGNED	M.PLANT	PROJECT ENGINEER	M.TROUNCE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.18	DRAWING No.	R601
REVISION			A

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



P:\2020\20282 - ALAMORA - TENDER\20282 - R600 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P.	A.W.	M.T.

CLIENT

Communities Designed for Living

creo CIVIL

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

PROJECT

DRAWING TITLE

**ALAMORA - STAGE 18
DRAINAGE LONG SECTIONS - 3**

STATUS

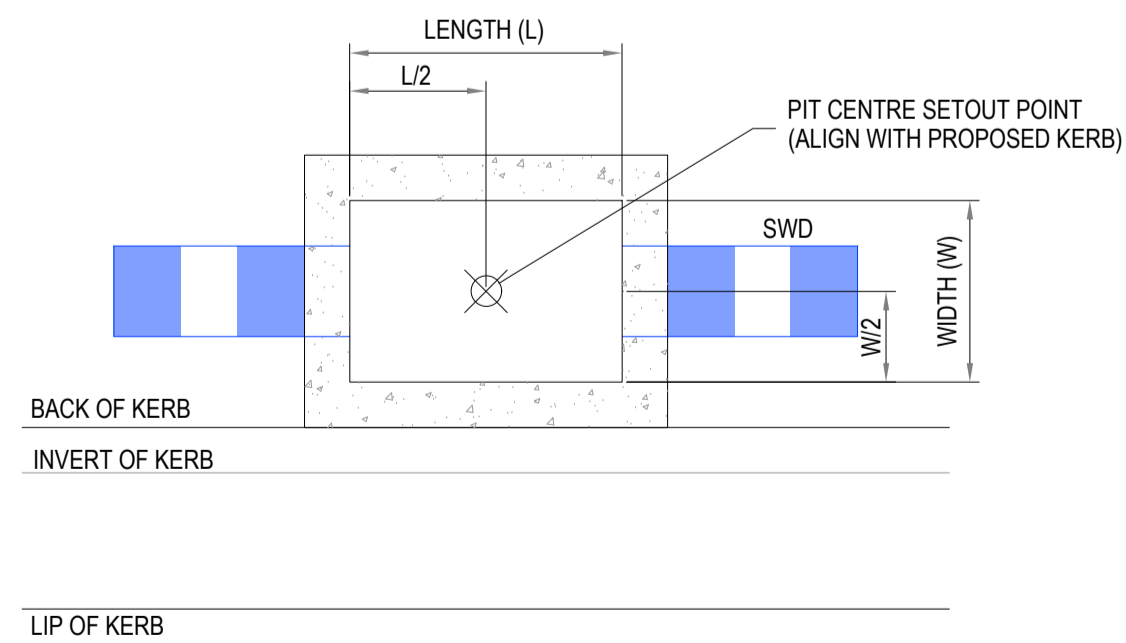
**TENDER
NOT FOR CONSTRUCTION**

SCALE @ A1: 1:500 (H) 1:50 (V)

DESIGNED	PROJECT ENGINEER	
M.PLANT	M.TROUNCE	
DRAWN	PROJECT MANAGER	
M.PLANT	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.18	R602	A

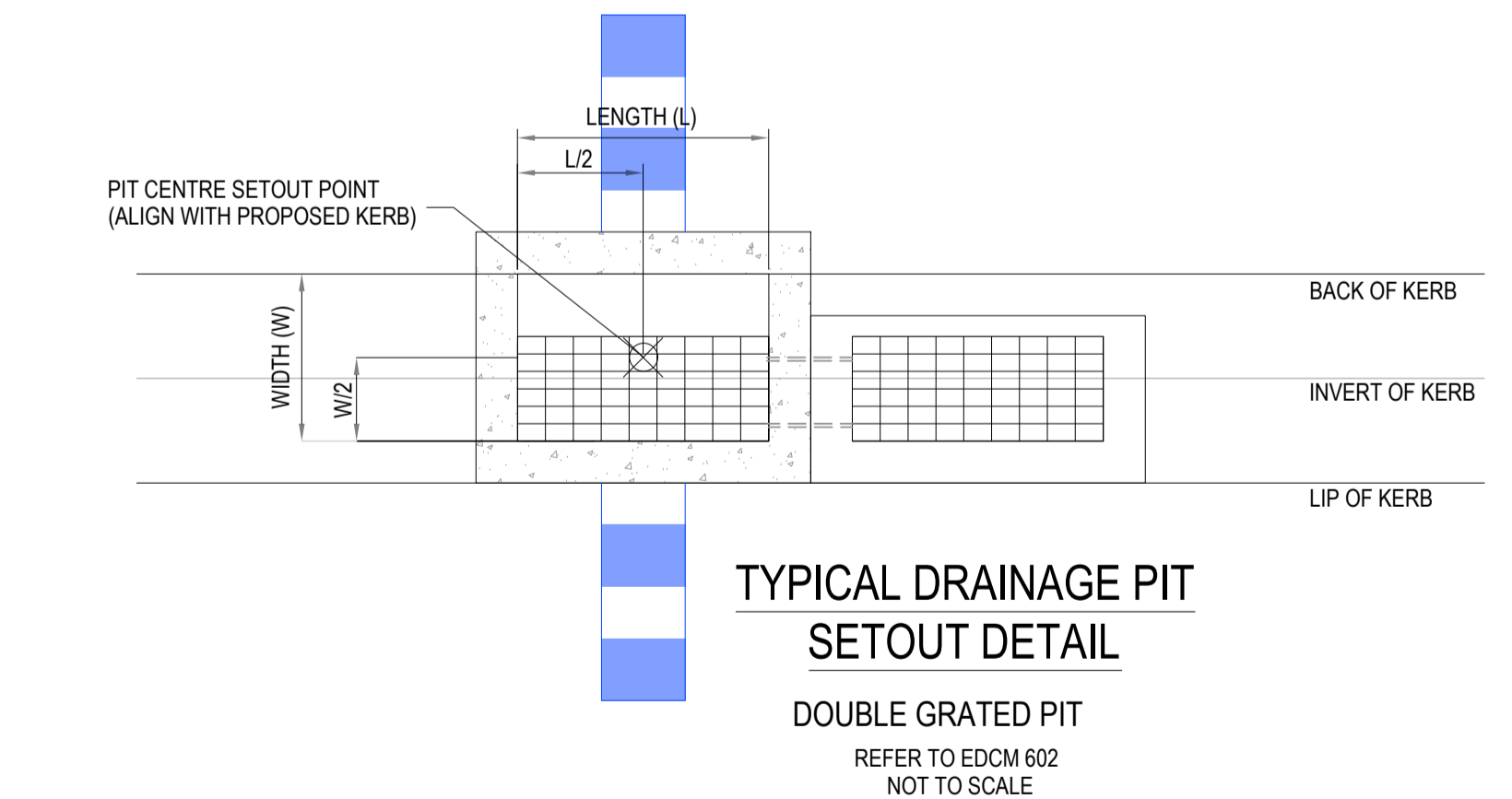
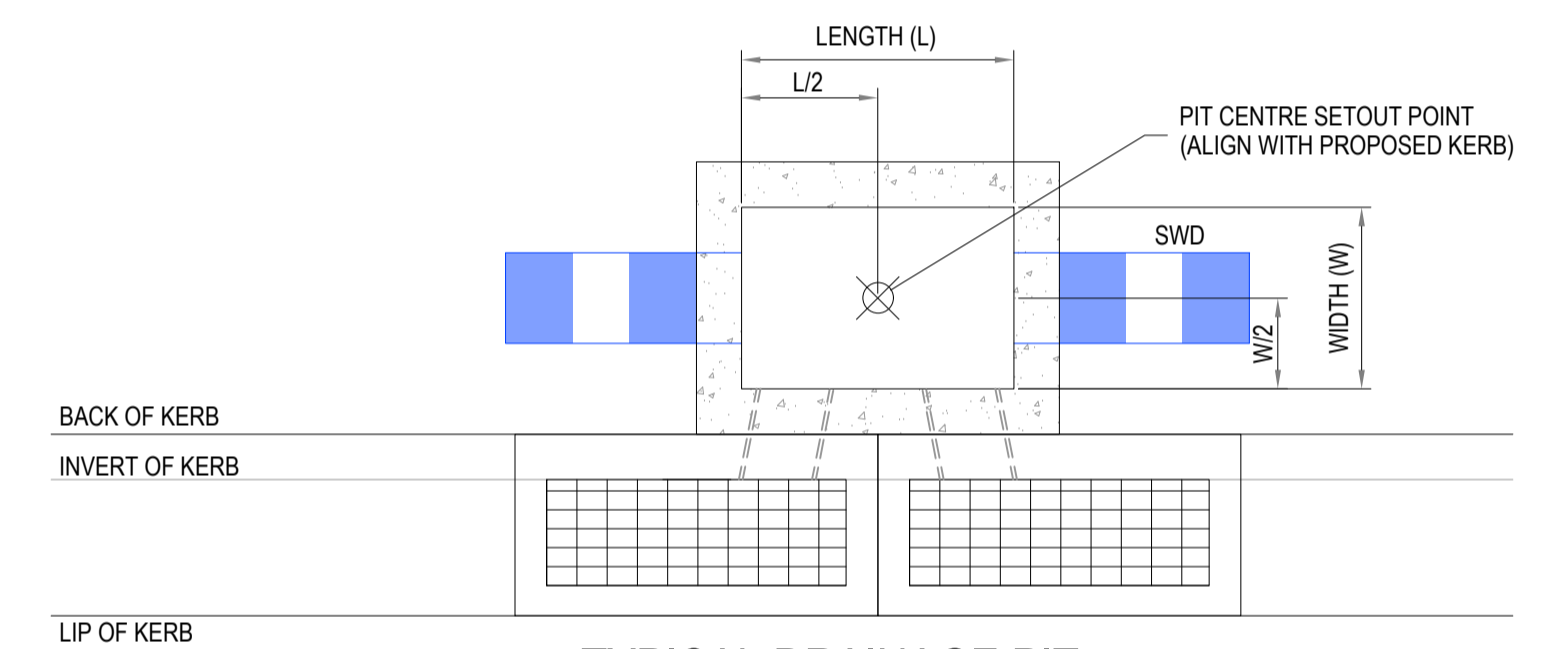
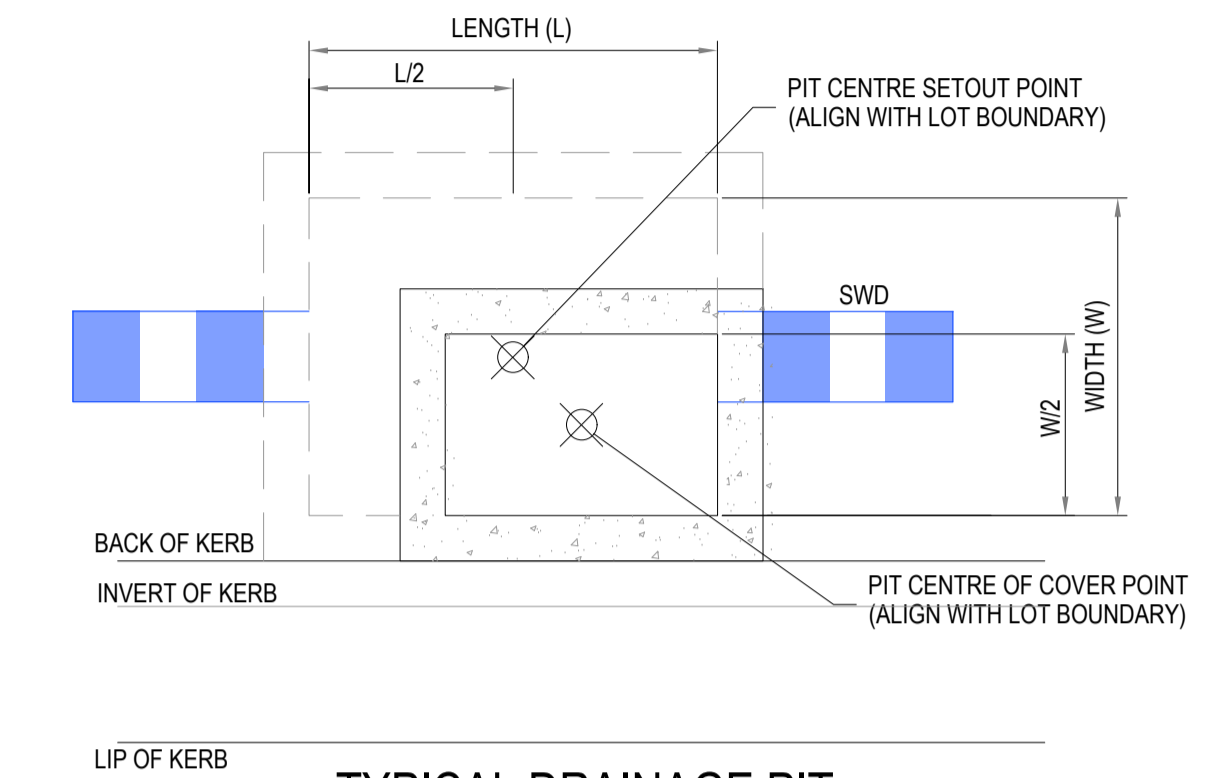
PIT SCHEDULE											
PIT NUMBER	TYPE	INTERNAL		INLET		OUTLET		COVER LEVEL (m)	DEPTH (m)	STANDARD DRAWING	REMARKS
		WIDTH (mm)	LENGTH (mm)	DIA. (mm)	INVERT RL (m)	DIA. (mm)	INVERT RL (m)				
Ex.10EP	ENDPIPE			675	38.141			40.644	2.503		CONNECT TO EXISTING ENDDPIPE
1	JUNCTION PIT	900	900	675	38.521	675	38.471	40.848	2.378	EDCM 607	HAUNCHED TO 600x900 COVER. CONSTRUCT PIT TO FUTURE DESIGN LEVEL. PROVIDE 300Ø BLOCKOUT TO WEST AT IL38.846 FOR FUTURE CONNECTION.
				FUT.300	38.846						
2	JUNCTION PIT	900	900	675	38.763	675	38.713	40.999	2.286	EDCM 607	HAUNCHED TO 600x900 COVER. CONSTRUCT PIT TO FUTURE DESIGN LEVEL.
3	JUNCTION PIT	900	900	600	38.922	675	38.847	41.059	2.212	EDCM 607	HAUNCHED TO 600x900 COVER. CONSTRUCT PIT TO FUTURE DESIGN LEVEL. PROVIDE 525Ø BLOCKOUT TO WEST AT IL38.997 FOR FUTURE CONNECTION.
				FUT.525	38.997						
4	JUNCTION PIT	900	900	600	39.055	600	39.005	41.136	2.131	EDCM 607	HAUNCHED TO 600x900 COVER. CONSTRUCT PIT TO FUTURE DESIGN LEVEL.
5	JUNCTION PIT	900	900	600	39.185	600	39.135	41.22	2.086	EDCM 607	HAUNCHED TO 600x900 COVER. CONSTRUCT PIT TO FUTURE DESIGN LEVEL. PROVIDE 375Ø BLOCKOUT TO WEST AT IL39.360 FOR FUTURE CONNECTION.
				FUT.375	39.36						
6	JUNCTION PIT	900	900	600	39.259	600	39.209	41.271	2.062	EDCM 607	HAUNCHED TO 600x900 COVER. CONSTRUCT PIT TO FUTURE DESIGN LEVEL.
7	JUNCTION PIT	900	900	525	39.44	600	39.365	41.479	2.114	EDCM 607	HAUNCHED TO 600x900 COVER. CONSTRUCT PIT TO FUTURE DESIGN LEVEL.
8	JUNCTION PIT	900	900	525	39.887	525	39.837	41.915	2.078	EDCM 607	HAUNCHED TO 600x900 COVER. CONSTRUCT PIT TO FUTURE DESIGN LEVEL.
				300	40.062						
9	JUNCTION PIT	900	900	525	39.981	525	39.931	41.983	2.052	EDCM 607	HAUNCHED TO 600x900 COVER.
				225	40.631						
10	GRADED SIDE ENTRY PIT	900	900	450	40.175	525	40.1	42.214	2.114	EDCM 601 & 607	HAUNCHED TO 600x900 COVER.
				300	40.15						
11	GRADED SIDE ENTRY PIT	600	900	375	40.301	450	40.226	42.144	1.918	EDCM 601	
12	JUNCTION PIT	600	900	375	40.43	375	40.38	42.369	1.99	EDCM 605	
13	JUNCTION PIT	600	900	300	40.537	375	40.462	42.268	1.806	EDCM 605	
				375	40.512						
14	JUNCTION PIT	600	900	300	40.938	300	40.888	42.628	1.74	EDCM 605	
15	GRADED PIT	600	900	300	41.002	300	40.952	42.358	1.406	EDCM 605	SUPPLY CLASS D BIKE SAFE GALVANISED GRATING COVER
16	GRADED PIT	600	900			300	41.072	42.358	1.286	EDCM 605	SUPPLY CLASS D BIKE SAFE GALVANISED GRATING COVER
17	JUNCTION PIT	600	900	300	40.559	300	40.109	41.921	1.812	EDCM 601	CONSTRUCT PIT TO FUTURE DESIGN LEVEL.
18	JUNCTION PIT	600	900	225	41.35	300	41.275	42.443	1.168	EDCM 605	
19	JUNCTION PIT	600	900			225	41.789	42.718	0.929	EDCM 605	
20	JUNCTION PIT	600	900			225	41.192	42.199	1.007	EDCM 605	
21	JUNCTION PIT	600	900	300	40.26	300	40.21	42.415	2.205	EDCM 605	
22	JUNCTION PIT	600	900	300	40.409	300	40.409	42.04	1.632	EDCM 605	
23	GRADED PIT	600	900	300	40.423	300	40.423	41.769	1.346	EDCM 605	SUPPLY CLASS D BIKE SAFE GALVANISED GRATING COVER
24	GRADED PIT	600	900			300	40.493	41.77	1.277	EDCM 605	SUPPLY CLASS D BIKE SAFE GALVANISED GRATING COVER
25	DOUBLE GRADED SIDE ENTRY PIT	600	900	375	40.648	375	40.598	42.195	1.597	EDCM 602	
26	GRADED PIT	750	1000			375	40.728	42.333	1.605	WCC STD DWG SD5-1	SUPPLY CLASS B GRATING COVER
Ex.26EP	ENDPIPE			525	40.453			42.34	1.887		CONNECT TO EXISTING ENDDPIPE
27	JUNCTION PIT	900	900	525	40.47	525	40.47	42.343	1.873	EDCM 607	HAUNCHED TO 600x900 COVER.
28	JUNCTION PIT	900	900	525	40.495	525	40.495	42.378	1.884	EDCM 607	HAUNCHED TO 600x900 COVER.
29	JUNCTION PIT	900	900	450	40.584	525	40.534	42.498	1.963	EDCM 607	HAUNCHED TO 600x900 COVER.
				300	40.759						
30	JUNCTION PIT	600	900	450	40.777	450	40.727	42.734	2.006	EDCM 605	
				300	40.877						
				300	40.877						
31	JUNCTION PIT	600	900	375	40.946	450	40.871	42.608	1.738	EDCM 605	
				300	41.021						
32	JUNCTION PIT	600	900	375	41.028	375	41.028	42.707	1.679	EDCM 605	
33	JUNCTION PIT	600	900	300	41.182	375	41.107	42.801	1.694	EDCM 605	
				300	41.182						
34	DOUBLE GRADED SIDE ENTRY PIT	600	900			300	41.325	42.823	1.497	EDCM 602	
35	GRADED SIDE ENTRY PIT	600	900	300	40.827	300	40.777	42.445	1.668	EDCM 601	
36	GRADED SIDE ENTRY PIT	600	900	300	40.93	300	40.88	42.448	1.569	EDCM 601	
				300	40.93						
37	GRADED PIT	750	1000			300	41.01	42.531	1.521	WCC STD DWG SD5-1	SUPPLY CLASS B GRATING COVER
38	GRADED PIT	600	900			300	41.18	42.607	1.427	EDCM 605	SUPPLY CLASS D BIKE SAFE GALVANISED GRATING COVER
39EP	ENDPIPE			300	40.938	300	40.938	42.824	1.885		ENDPIPE TO BE SEALED AND CAPPED FOR FUTURE CONNECTION.
42	GRADED SIDE ENTRY PIT	600	900			300	40.898	42.65	1.751	EDCM 601	
43	2 x GRADED PIT	600	900	300	41.035	300	41.035	42.339	1.304	EDCM 605	SUPPLY CLASS D BIKE SAFE GALVANISED GRATING COVER
44	2 x GRADED PIT	600	900			300	41.105	42.339	1.234	EDCM 605	SUPPLY CLASS D BIKE SAFE GALVANISED GRATING COVER
45	GRADED PIT	600	900	300	41.197	300	41.197	42.532	1.335	EDCM 605	SUPPLY CLASS D BIKE SAFE GALVANISED GRATING COVER
46	GRADED PIT	600	900			300	41.267	42.531	1.265	EDCM 605	SUPPLY CLASS D BIKE SAFE GALVANISED GRATING COVER

- ** - 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.



NOTE:
PITS 1, 5, 7, 8 & 17 TO BE CONSTRUCTED TO THEIR ULTIMATE COVER LEVEL AS INDICATED IN THE PIT SCHEDULE, WITH APPROPRIATE PIT COVER AS PER EDCM 605. PROVIDE DN225 BLOCK OUT FOR FUTURE CONVERSION TO A CSEEP AS PER EDCM 601. SUPPLY PIT 8 WITH CLASS D ACCESS COVER.

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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

villawood properties
Communities Designed for Living

creo CIVIL
Suite 1, 2 Bloomsbury Street
Newtown, VIC, Australia 3220

ALAMORA
Tarnait

ALAMORA - STAGE 18
PIT SCHEDULE

TENDER
NOT FOR CONSTRUCTION
SCALE @ A1:

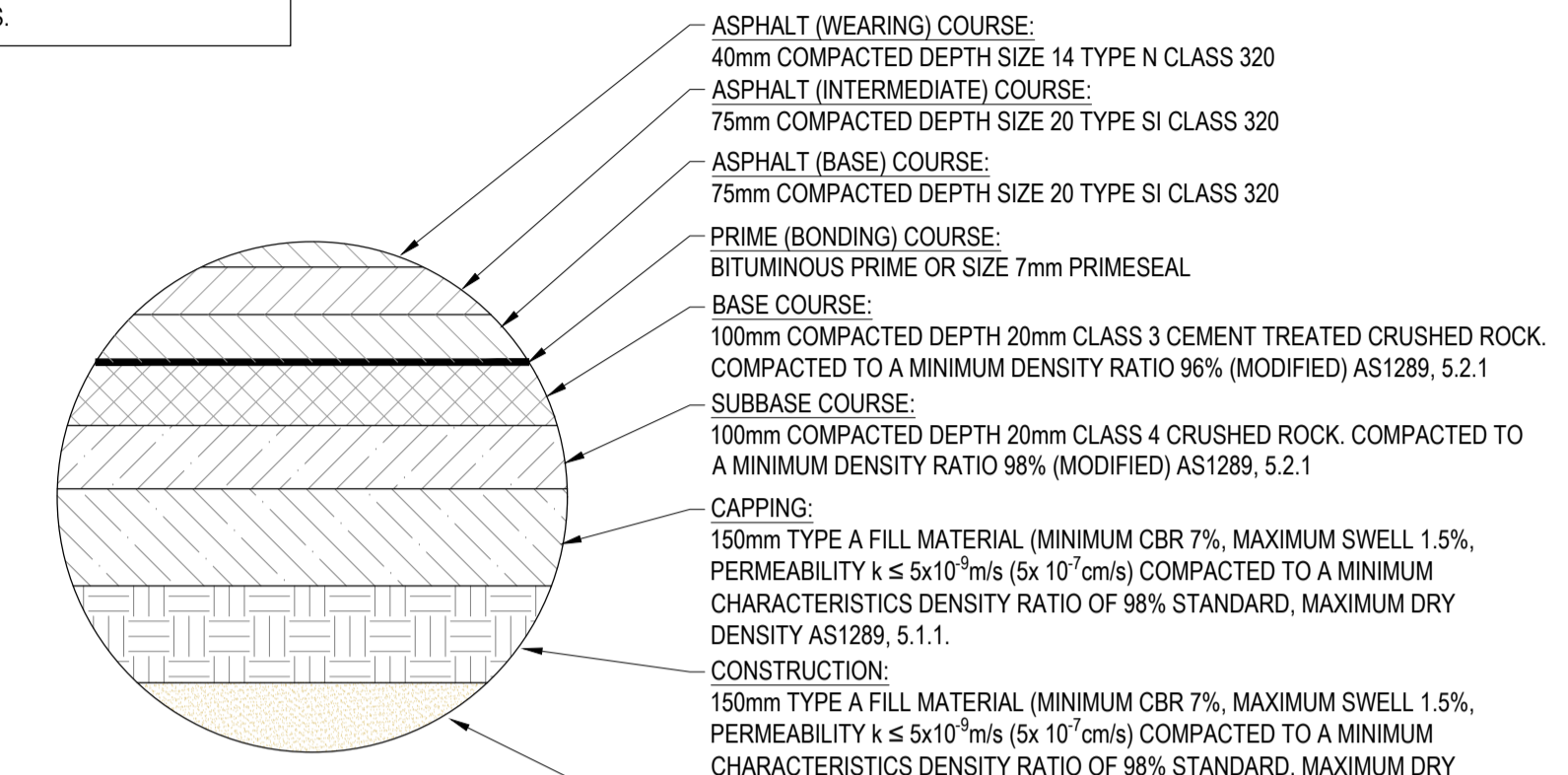
DESIGNED	PROJECT ENGINEER	
M.PLANT	M.TROUNCE	
DRAWN	PROJECT MANAGER	
M.PLANT	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.18	R603	A

P:\2020\20282 - ALAMORA - TARNAIT\20282 - RICHIE\2. DRAFTING\20282 - R603 - DRAINAGE LONG SECTIONS.DWG

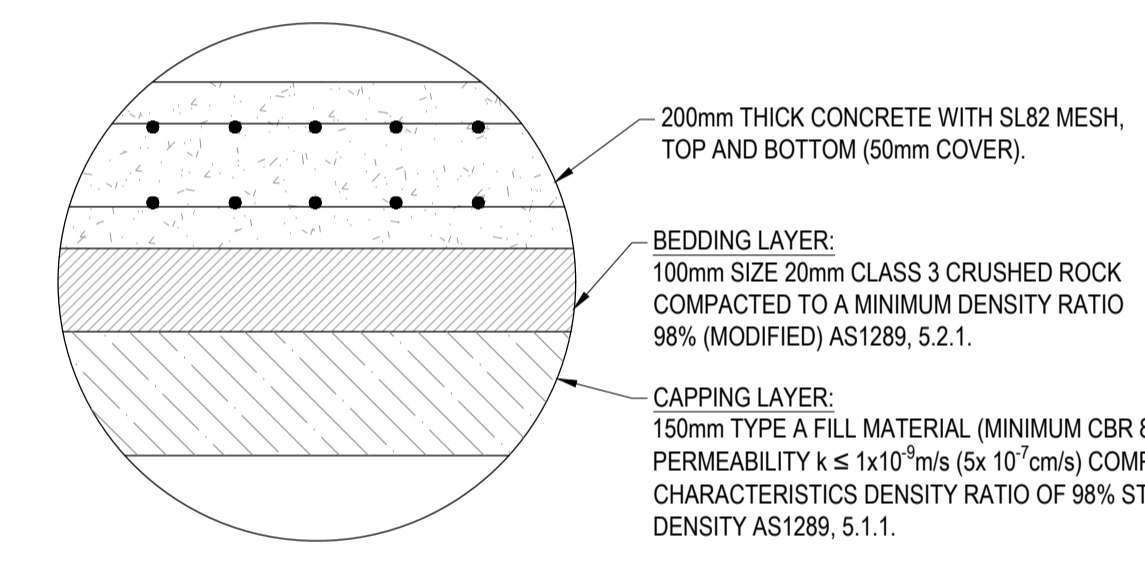
PAVEMENT DESIGNS
 ALL PAVEMENT DESIGNS HAVE BEEN PROVIDED BY TONKIN TAYLOR. CREO IS NOT RESPONSIBLE FOR GEOTECHNICAL OR PAVEMENT RELATED DESIGNS AND IS NOT RESPONSIBLE FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THESE DESIGNS. THE PAVEMENT COMPOSITIONS SHOWN ON THIS DRAWING HAVE BEEN REPRODUCED 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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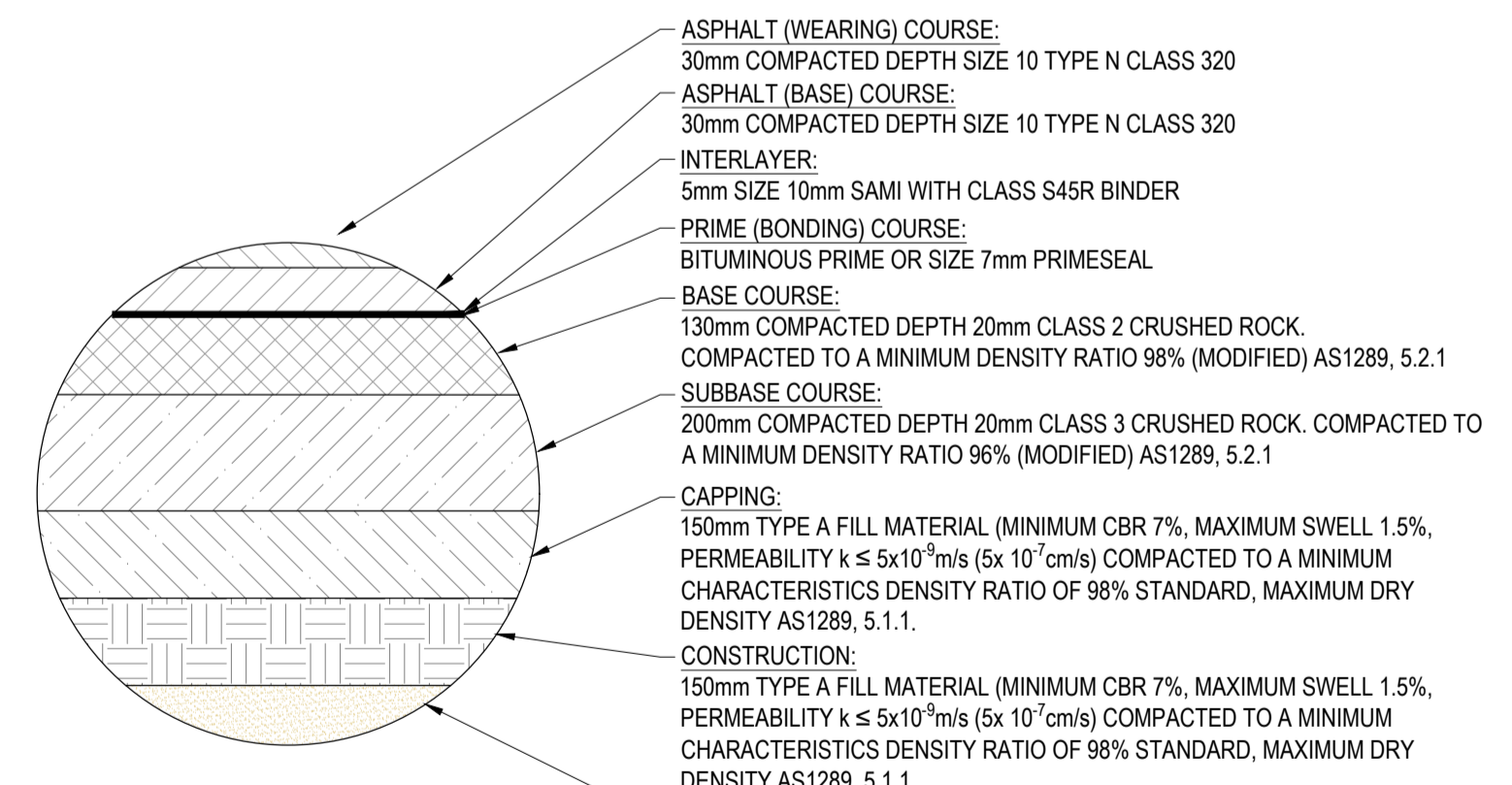
NOTE
 PAVEMENT LAYERS ARE TO BE CONSTRUCTED AND COMPACTED IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS AND REQUIREMENTS.



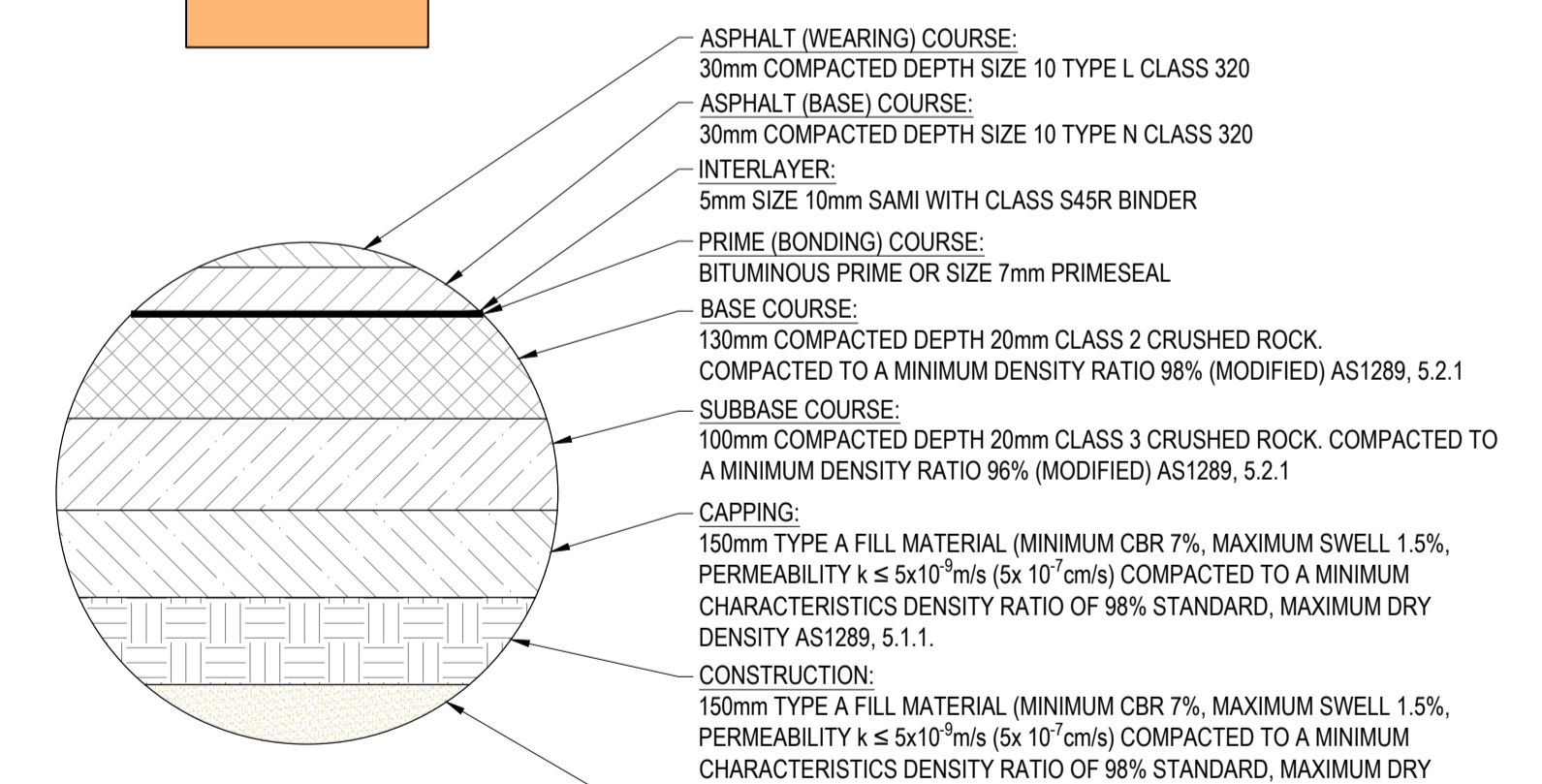
PAVEMENT COMPOSITION
 BETHANY ROAD / HERMOSA DRIVE
 690mm DEPTH
 NTS



PAVEMENT COMPOSITION
 BETHANY ROAD / HERMOSA DRIVE PARKING BAY
 300mm DEPTH
 NTS



PAVEMENT COMPOSITION
 ROAD A
 695mm DEPTH
 NTS



PAVEMENT COMPOSITION
 ANDRIA DRIVE & ROAD B
 595mm DEPTH
 NTS

PAVEMENT COMPOSITION
 RAISED PAVEMENT
 (REFER R702 FOR DETAILS)

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

CLIENT

Communities Designed for Living

creo CIVIL

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

PROJECT

DRAWING TITLE

ALAMORA - STAGE 18
PAVEMENT DETAILS

STATUS

TENDER
NOT FOR CONSTRUCTION

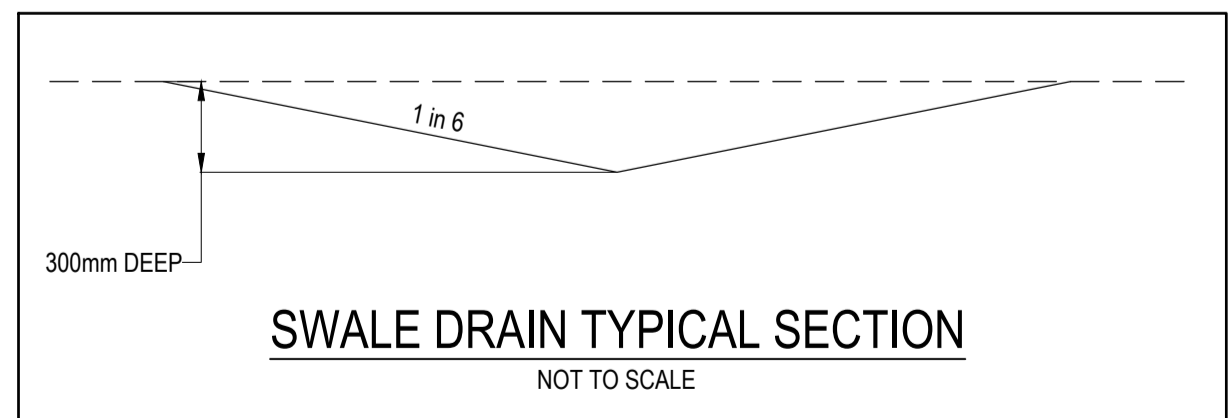
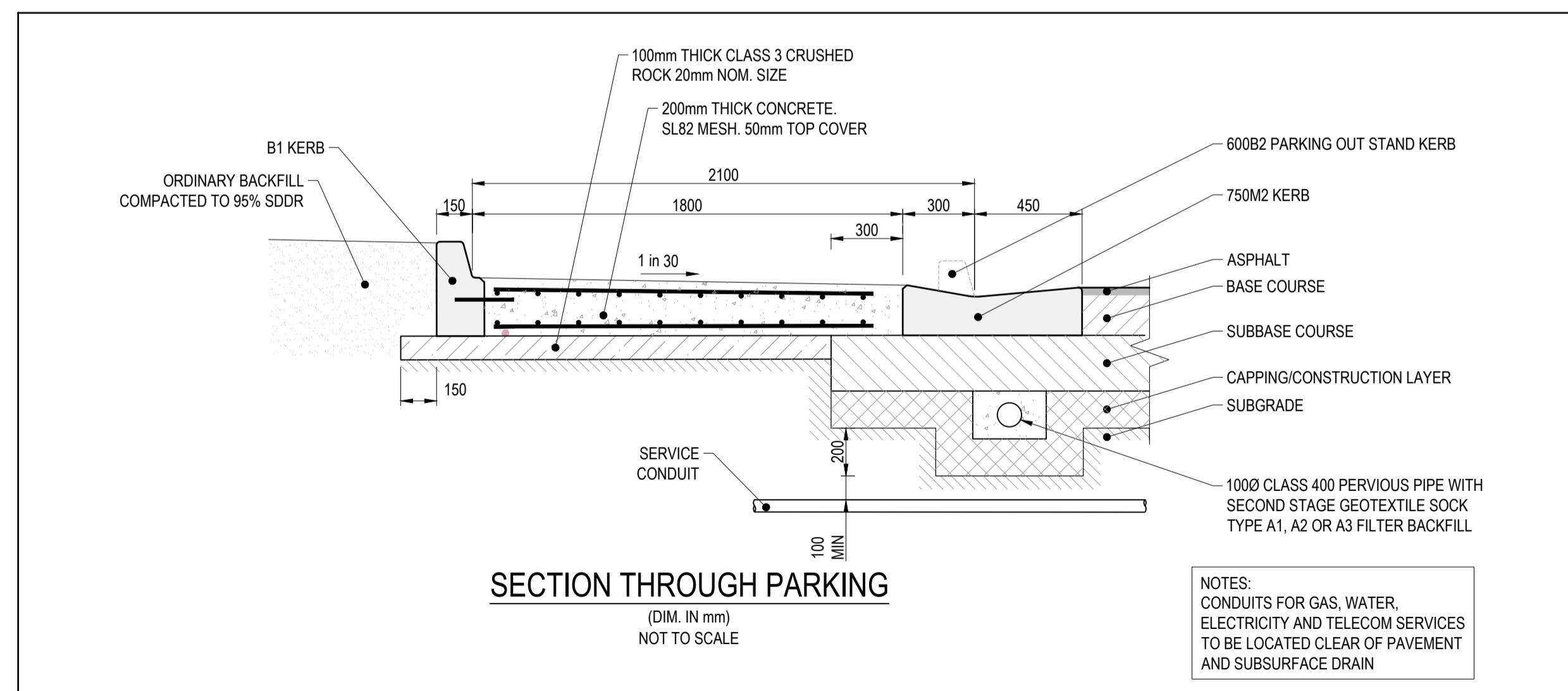
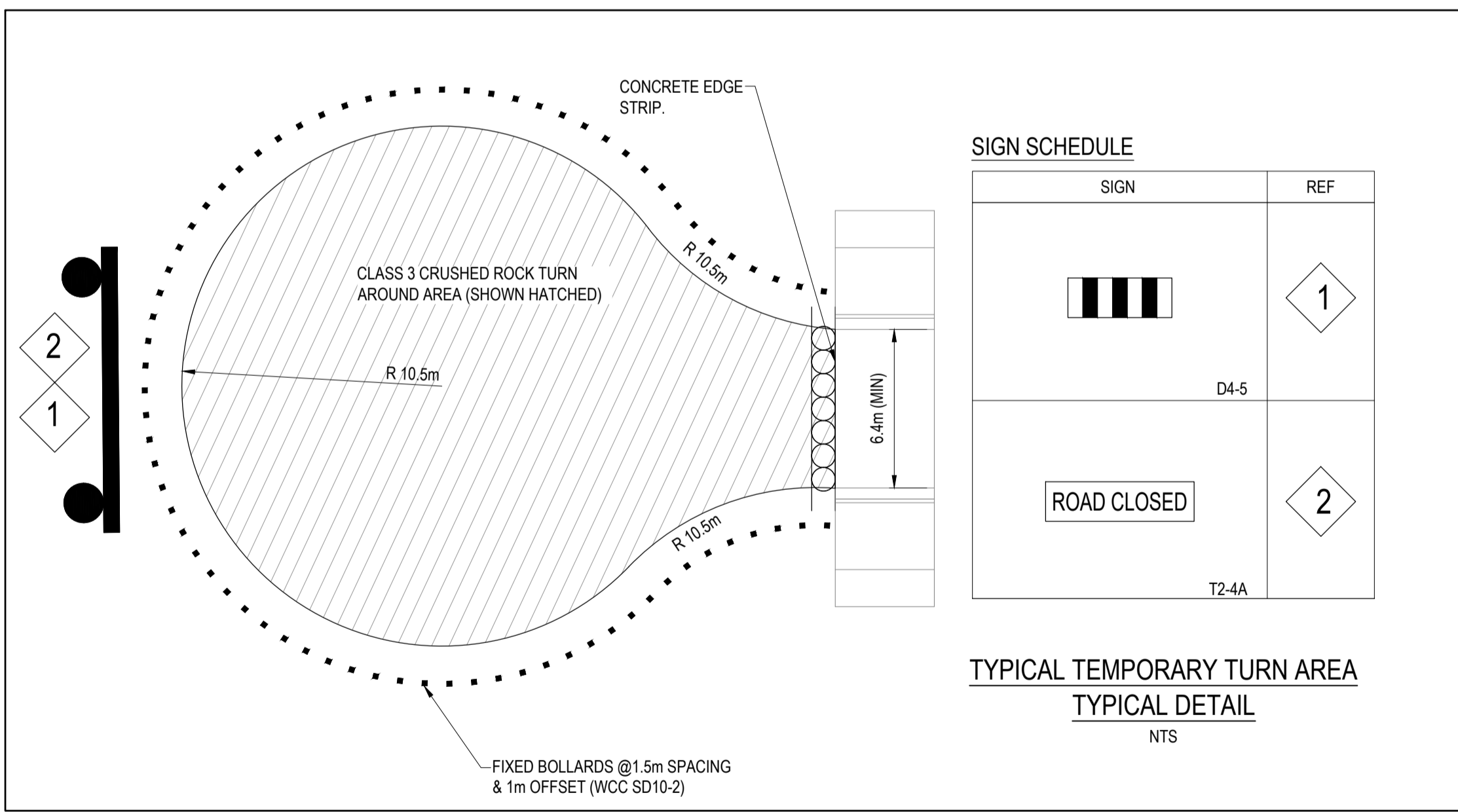
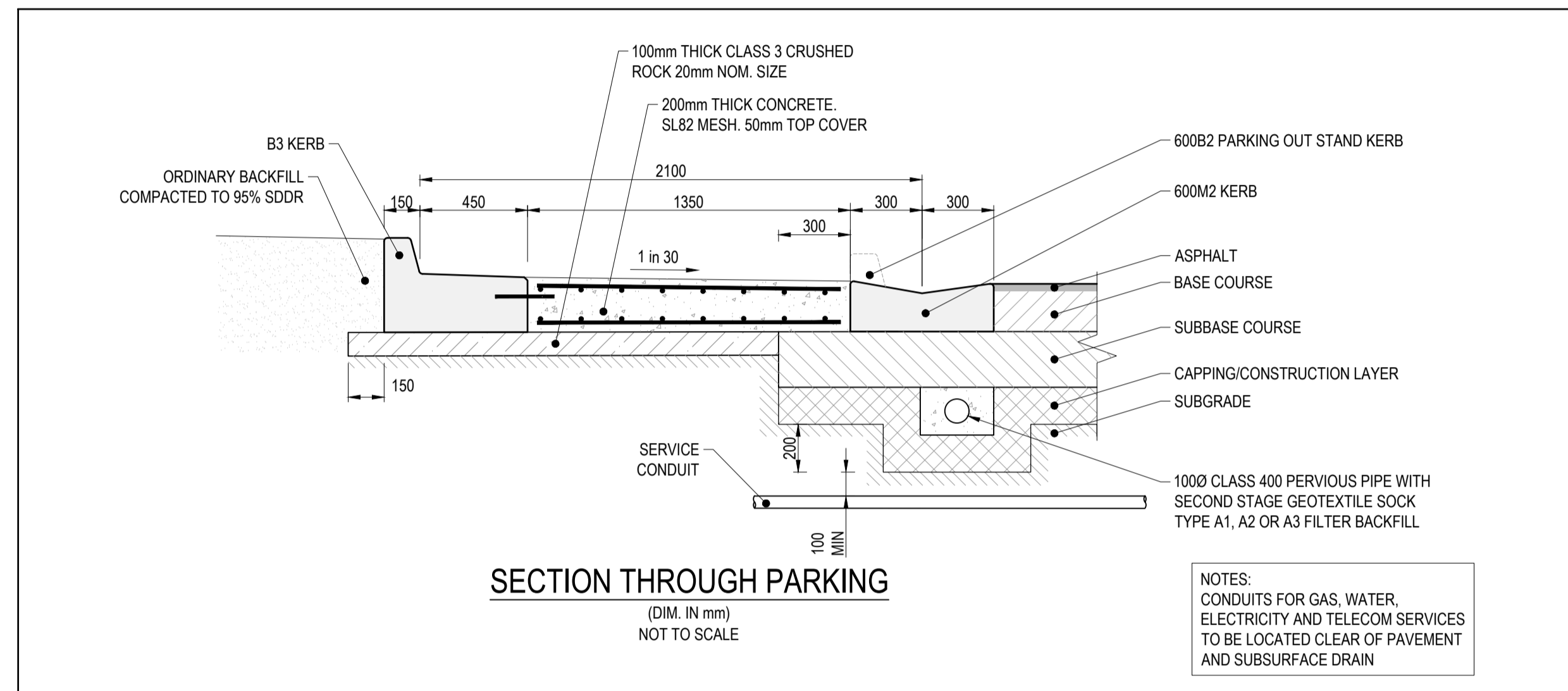
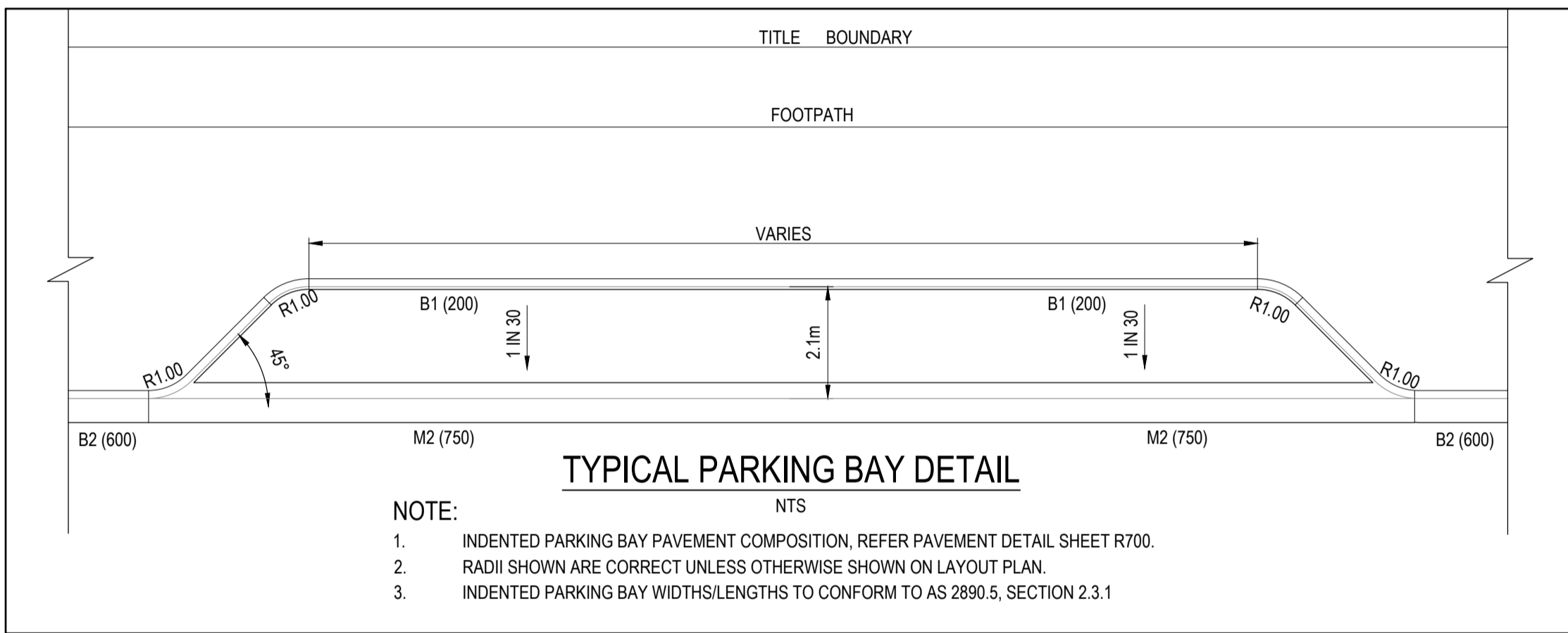
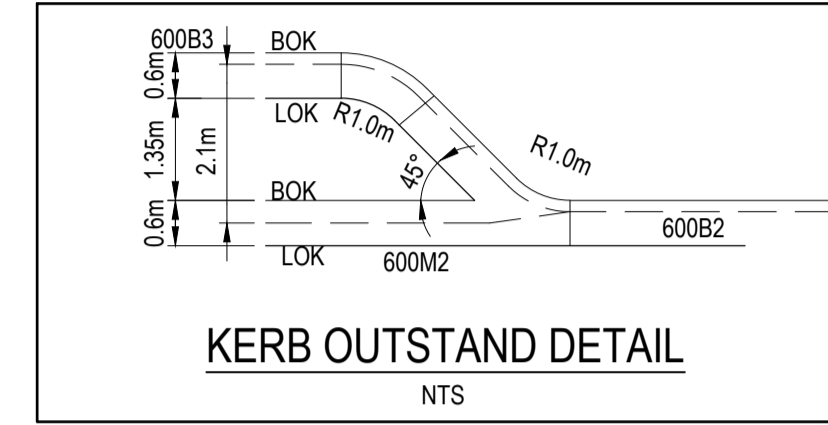
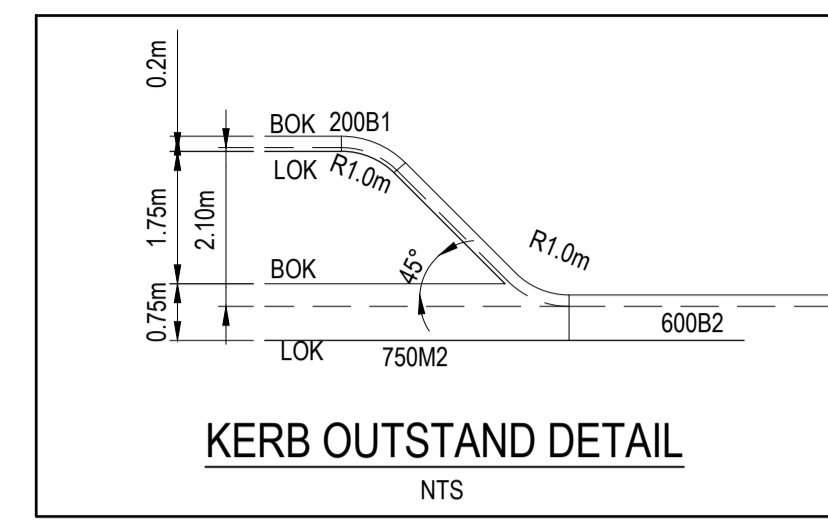
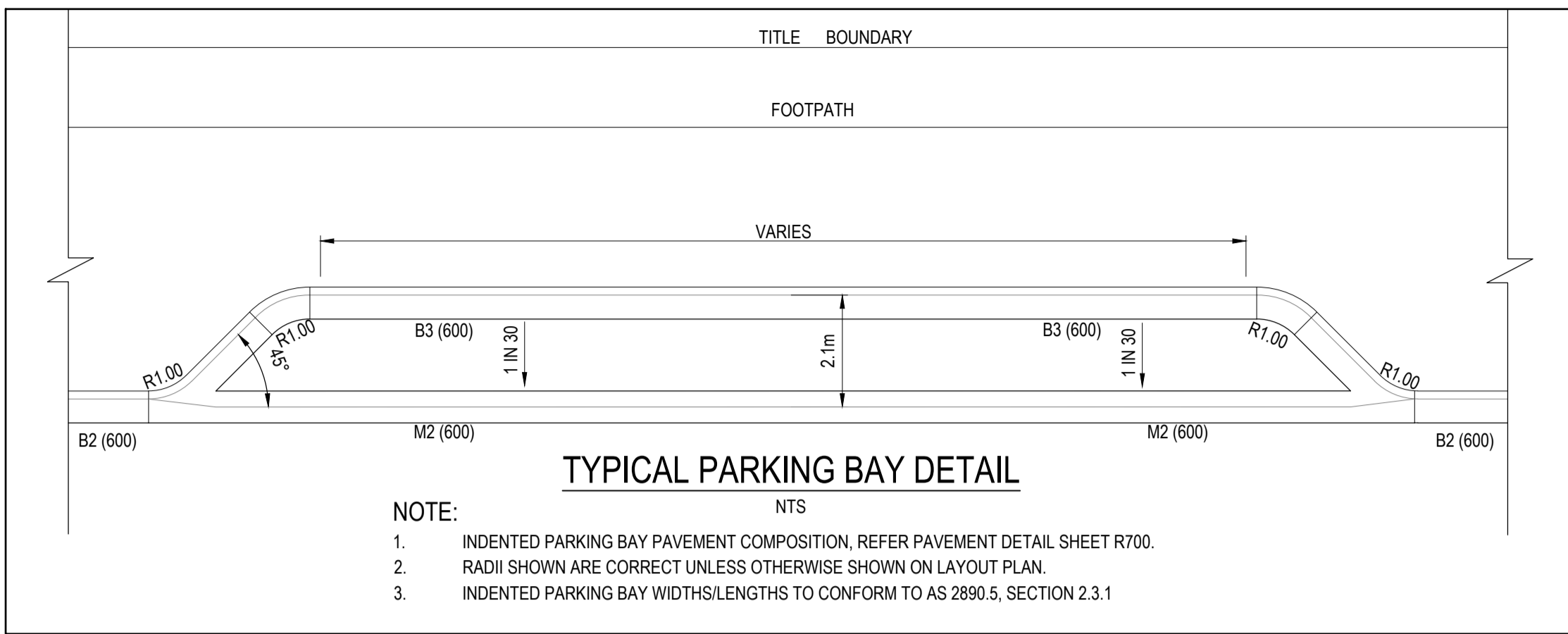
SCALE @ A1:

DESIGNED	PROJECT ENGINEER	
M.PLANT	M.TROUNCE	
DRAWN	PROJECT MANAGER	
M.PLANT	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.18	R700	A

P:\2020\20282 - ALAMORA - TARNAIT\20282 - BICHLIC DRAFTING\CAD\20282_18 - R700 - TYPICAL DETAILS.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
DIAL 1100 BEFORE YOU DIG
 www.1100.com.au

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



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

CLIENT

Communities Designed for Living

PROJECT

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

DRAWING TITLE

ALAMORA - STAGE 18
TYPICAL DETAILS - 1

STATUS

TENDER
NOT FOR CONSTRUCTION

SCALE @ A1: 1:500 (H) 1:50 (V)

DESIGNED

M.PLANT

PROJECT ENGINEER

M.TROUNCE

DRAWN

M.PLANT

PROJECT MANAGER

M.TROUNCE

PROJECT No.

200282.18

DRAWING No.

R701

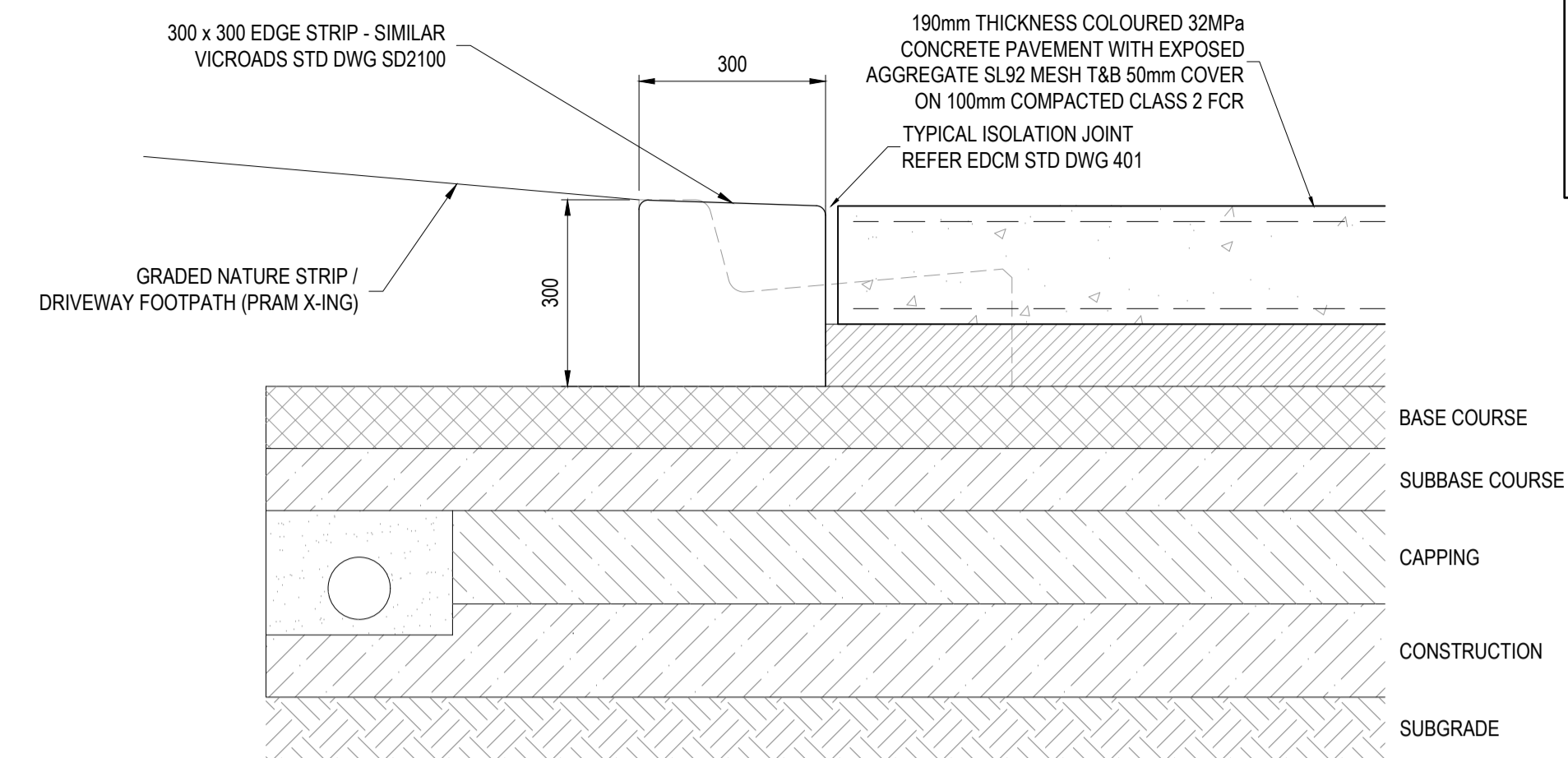
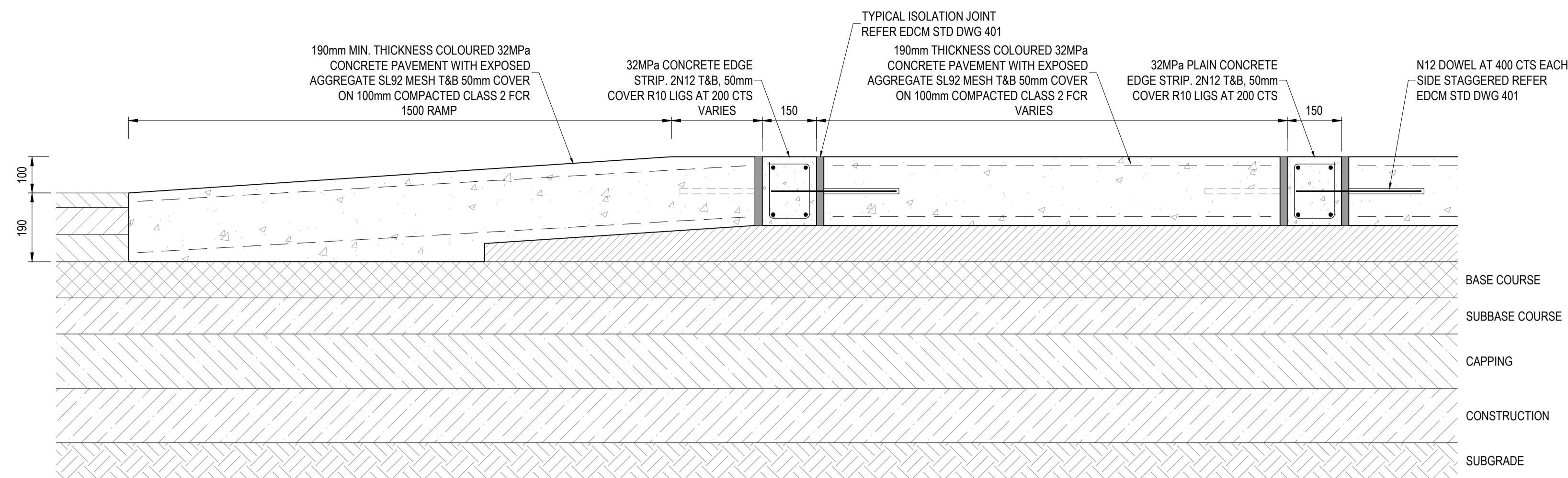
REVISION

A

P:\2020\20282 - ALAMORA - TARNET\20282 - BICHLIC DRAFTING\CAD\20282 (6 - R700 - TYPICAL DETAILS).DWG

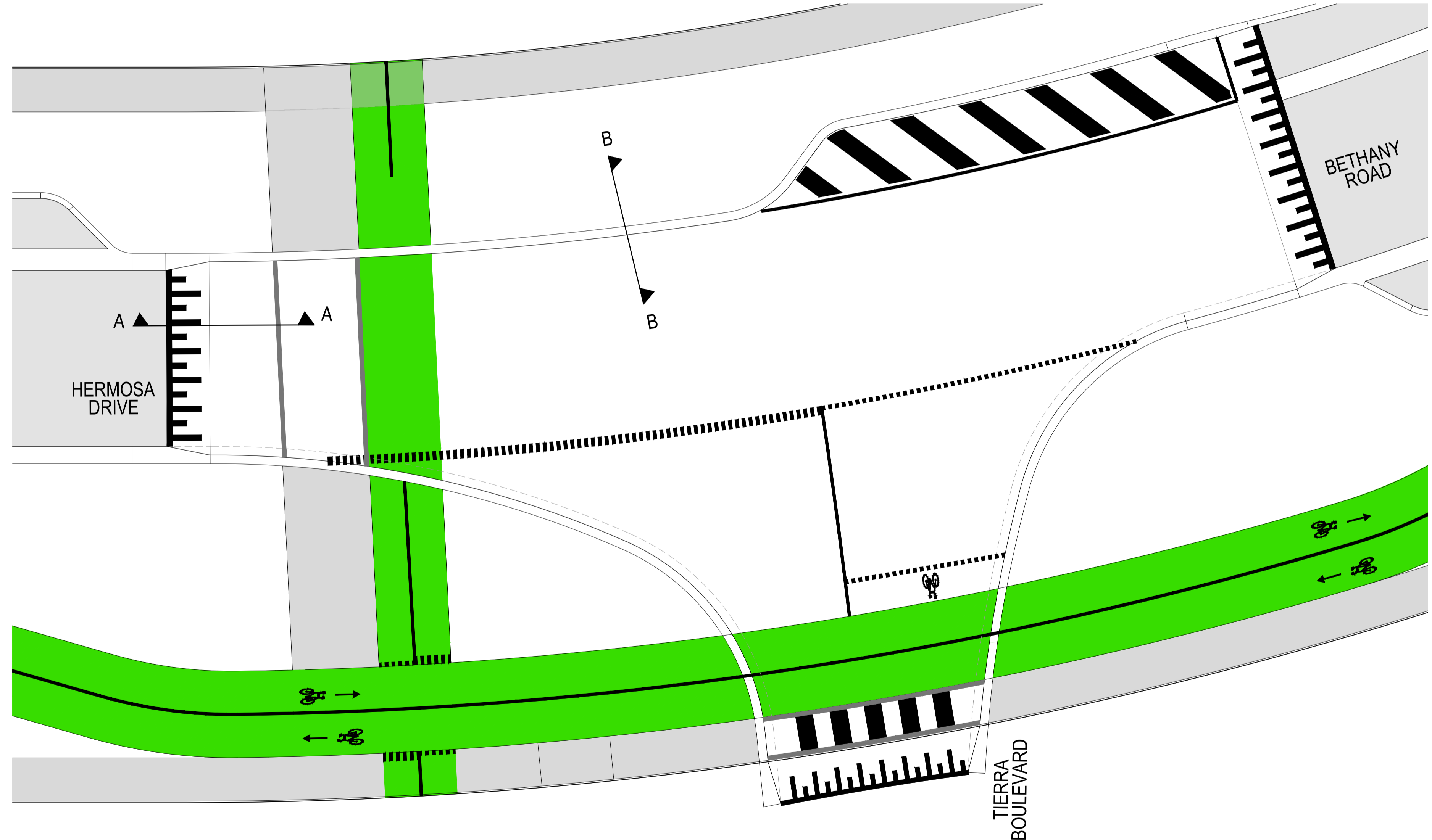
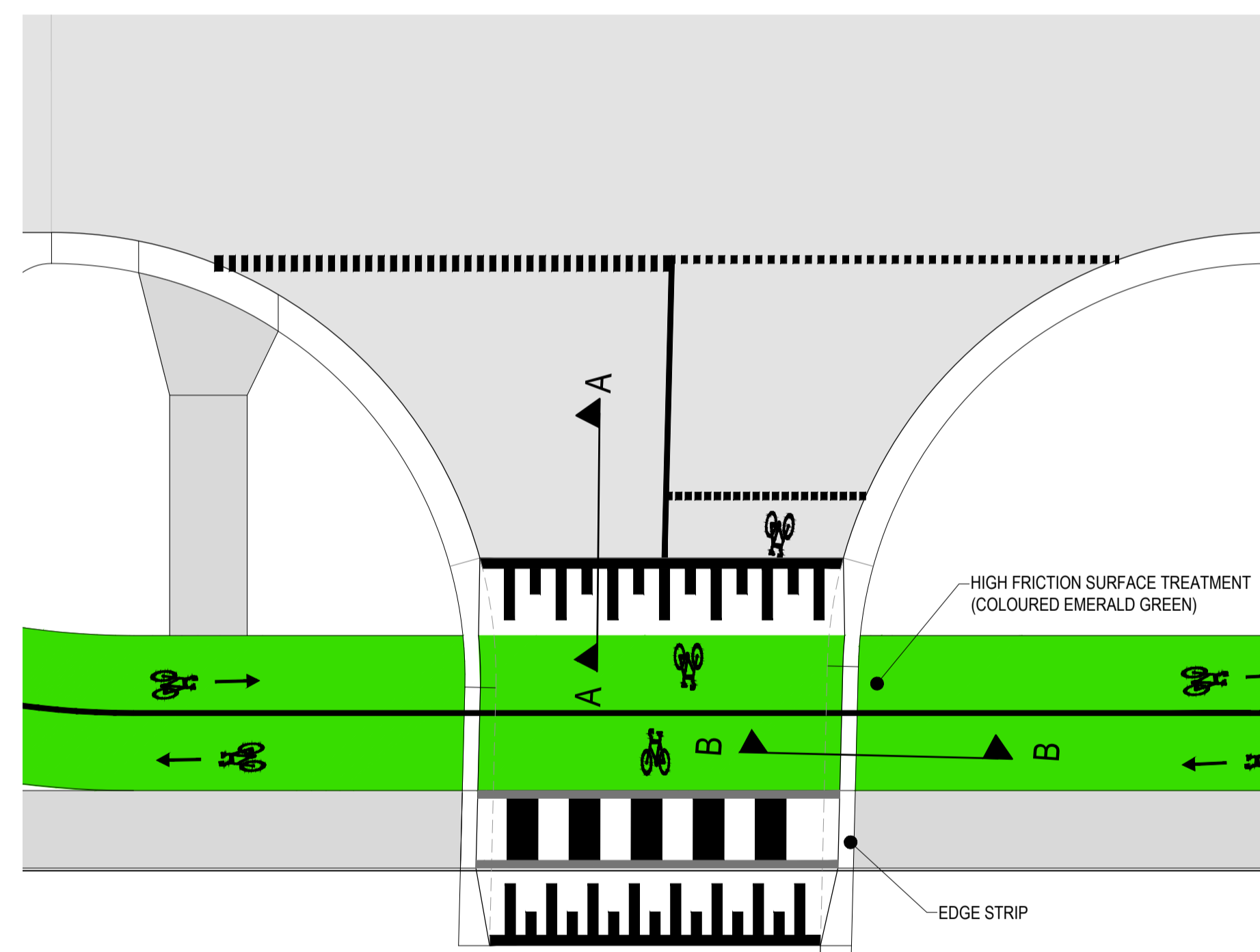
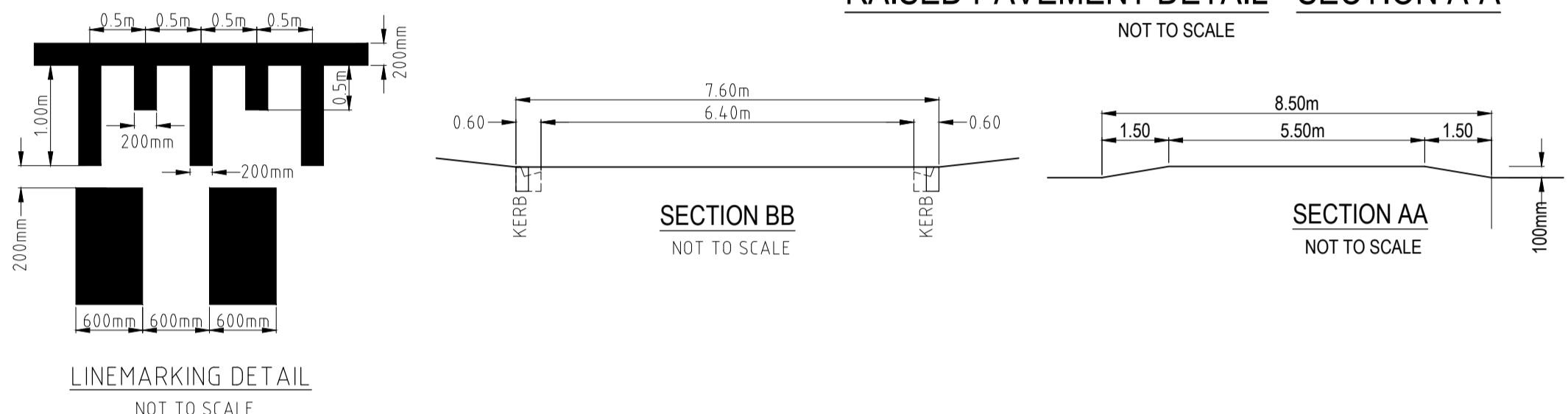
WARNING
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NOTE
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RAISED PAVEMENT DETAIL - SECTION A-A

RAISED PAVEMENT DETAIL - SECTION B-B



RAISED PAVEMENT - 1 LAYOUT PLAN

RAISED PAVEMENT - 2 LAYOUT PLAN

1:100 1 0 1 2 3 4 5 A1
 1:200 1 0 1 2 3 4 5 A3

1:100 1 0 1 2 3 4 5 A1
 1:200 1 0 1 2 3 4 5 A3

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P	A.W	M.T

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Communities Designed for Living

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

PROJECT

DRAWING TITLE

ALAMORA - STAGE 18
 TYPICAL DETAILS - 2

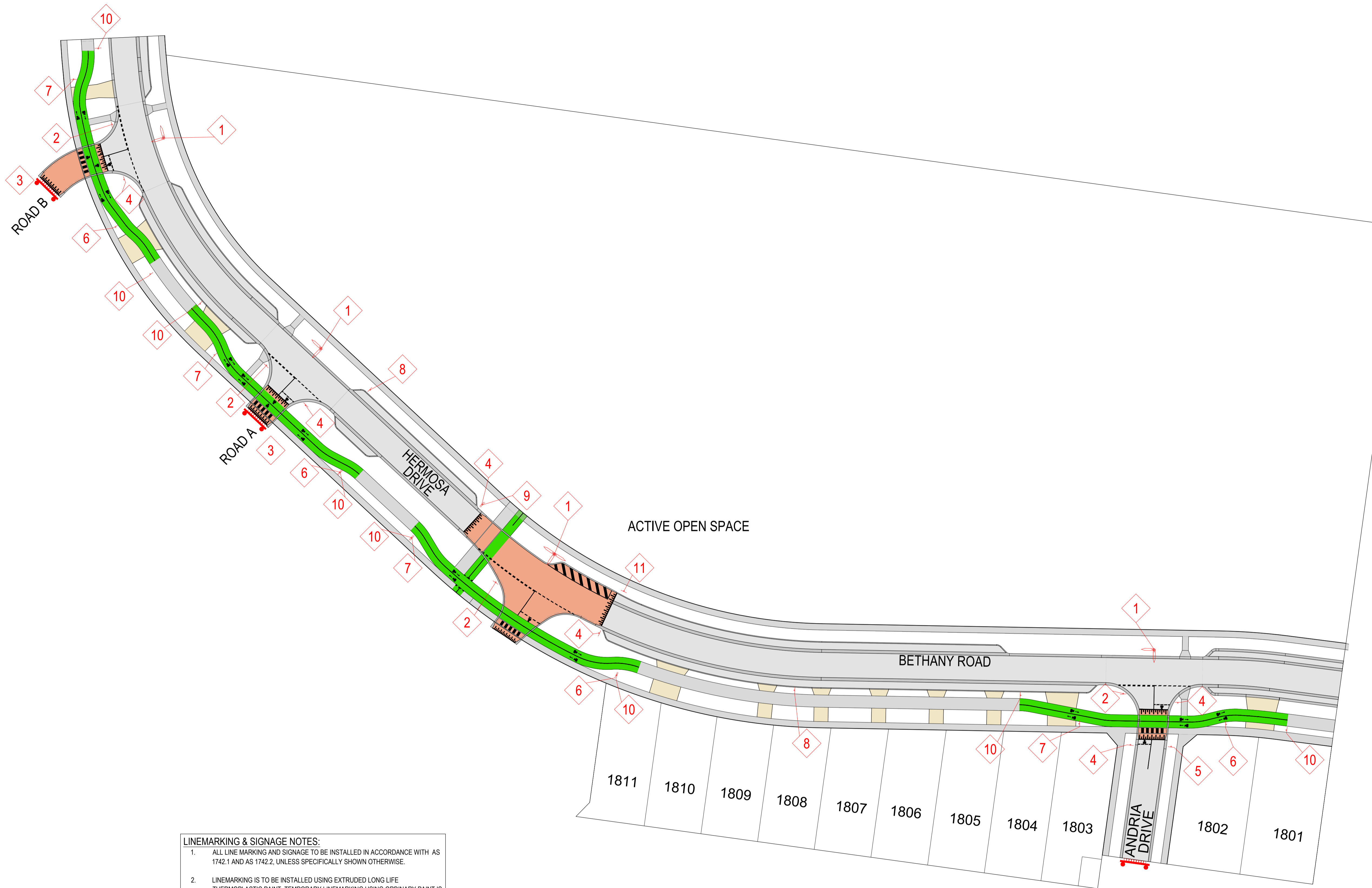
STATUS

TENDER
 NOT FOR CONSTRUCTION

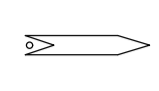


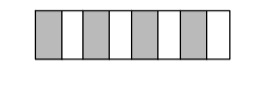


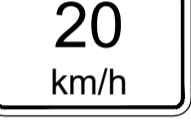



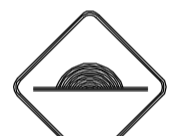
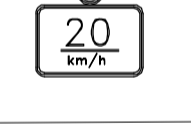
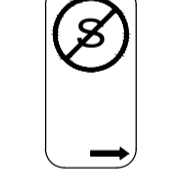

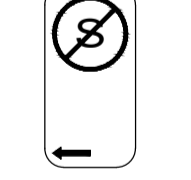
SCALE @ A1:
 AS SHOWN

DESIGNED	PROJECT ENGINEER	
M.PLANT	M.TROUNCE	
DRAWN	PROJECT MANAGER	
M.PLANT	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.18	R702	A

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SIGN SCHEDULE

SIGN	REF	QUANTITY
	1	REFER TABLE
STREET SIGN		
	R1-2	2
	T2-4A	3
	D4-5	
	W6-9	4
	W5-10A	
	W8-2A	
	W6-9	5
	R8-3A(L)	4
	R8-3A(R)	4
	W5-10A	8
	W8-2A	
	R5-35R	1
	W6-8	8
	R5-35L	1

LINEMARKING & SIGNAGE NOTES:

- ALL LINE MARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742.1 AND AS 1742.2, UNLESS SPECIFICALLY SHOWN OTHERWISE.
- 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.
- ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742.3.
- LINEMARKING SET OUT SHALL BE INSPECTED AND APPROVED BY COUNCIL BEFORE FINAL LINEMARKING IS CARRIED OUT.
- 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.

STREET SIGN SCHEDULE

TIERRA BOUL.	1No.
ANDRIA DRIVE	1No.
BETHANY ROAD	2No.
HERMOSA DRIVE	3No.
ROAD A	1No.
ROAD B	1No.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	18/10/24	ISSUED FOR TENDER	M.P.	A.W.	M.T.

CLIENT



Communities Designed for Living

PROJECT



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

DRAWING TITLE

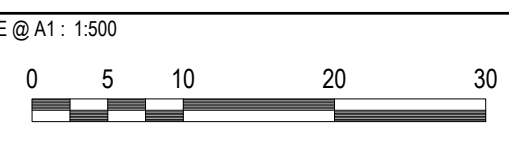
ALAMORA - STAGE 18
SIGNAGE & LINEMARKING PLAN



STATUS

TENDER
NOT FOR CONSTRUCTION

SCALE @ A1 : 1:500



DESIGNED

M.PLANT

DRAWN

M.PLANT

PROJECT ENGINEER

M.TROUNCE

PROJECT MANAGER

M.TROUNCE

PROJECT No.

200282.18

DRAWING No.

R800

REVISION

A