

TBM POINTS & LOCATIONS				
Name	Type	Easting	Northing	RL
C41SSPL	STAR PICKET	292392.23	5807905.22	41.86
C411SSPL	STAR PICKET	292227.67	5808031.58	42.55
C412RVTKL	RIVET	292369.31	5807697.94	40.48

PSM POINTS & LOCATIONS				
Name	Easting	Northing	RL	
TARNEIT PM 218	290115.9330	5809233.5050	51.1800	
TARNEIT PM 763	290913.1460	5809148.9510	53.8020	
WERRIBEE PM 160	289942.2480	5807663.5340	41.8350	

ALAMORA

STAGE 17

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 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 DAYS 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 SETOUT 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.
- WHERE DRAINAGE AND SEWER PIPE ARE IN CLOSE PROXIMITY, COMPACTION TO BE ACCORDANCE WITH SD6-10.

UTILITIES:

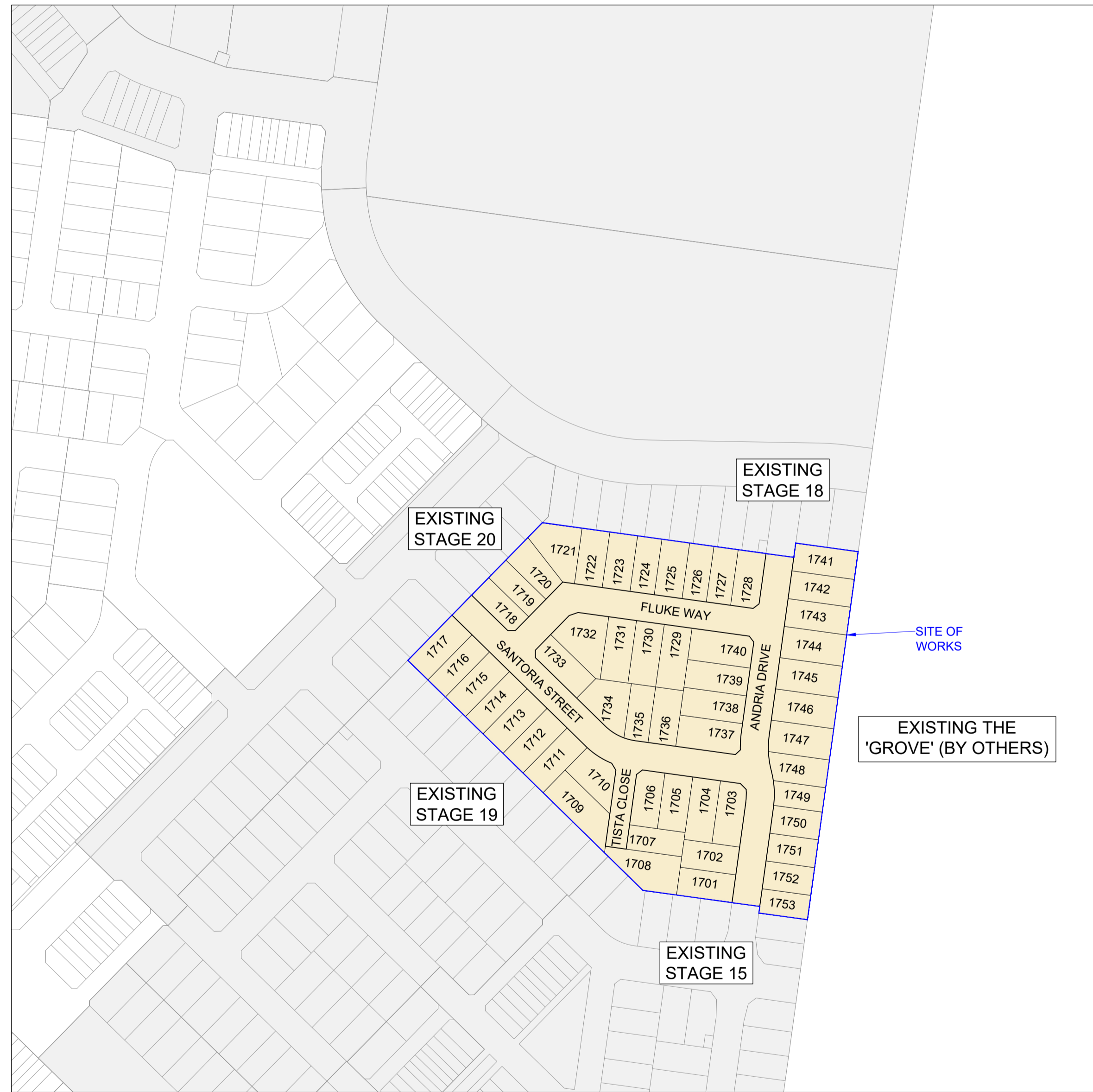
- SERVICE CONDUITS ARE TO BE INSTALLED AT THE LOCATIONS SHOWN ON THIS DRAWING. LOCATION OF ALL UNDERGROUND SERVICE CONDUITS TO BE MARKED ON KERB & CHANNEL AS PER EDM 303. SERVICE CONDUITS THAT ARE SUBJECT TO AMENDMENT SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT.
- ALL CONDUIT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

MELWAYS REF: 234 D7

Drawing Index

Drawing No.	Drawing Title	Revision
R100	COVER SHEET	1
R200	LAYOUT PLAN	0
R201	SERVICES PLAN	1
R202	EARTHWORKS PLAN	0
R300	INTERSECTION DETAILS - 1	0
R301	INTERSECTION DETAILS - 2	0
R400	ROAD LONGITUDINAL SECTIONS - 1	0
R401	ROAD LONGITUDINAL SECTIONS - 2	0
R500	ROAD CROSS SECTIONS - 1	0
R501	ROAD CROSS SECTIONS - 2	0
R502	ROAD CROSS SECTIONS - 3	0
R503	ROAD CROSS SECTIONS - 4	0
R504	ROAD CROSS SECTIONS - 5	0
R600	DRAINAGE LONG SECTIONS - 1	1
R601	DRAINAGE LONG SECTIONS - 2	1
R602	DRAINAGE LONG SECTIONS - 3	1
R603	PIT SCHEDULE	1
R700	PAVEMENT PLAN	0
R701	TYPICAL DETAILS	0
R800	SIGNAGE & LINEMARKING PLAN	0
R900	CONCRETE JOINTING PLAN	0



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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P:\2020\2020282 - ALAMORA - TARNEIT\2020282 - TCM\2020282 - DRAINAGE\2020282 - 17 - R100 - COVER SHEET.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
1	18/04/25	STAGE 18 DRAINAGE OUTFALL AMENDED	M.P	A.W	M.T
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P	A.W	M.T
B	19/02/25	COUNCIL COMMENTS	M.P	A.W	M.T
A	24/01/25	ISSUED FOR APPROVAL	M.P	A.W	M.T

Communities Designed for Living

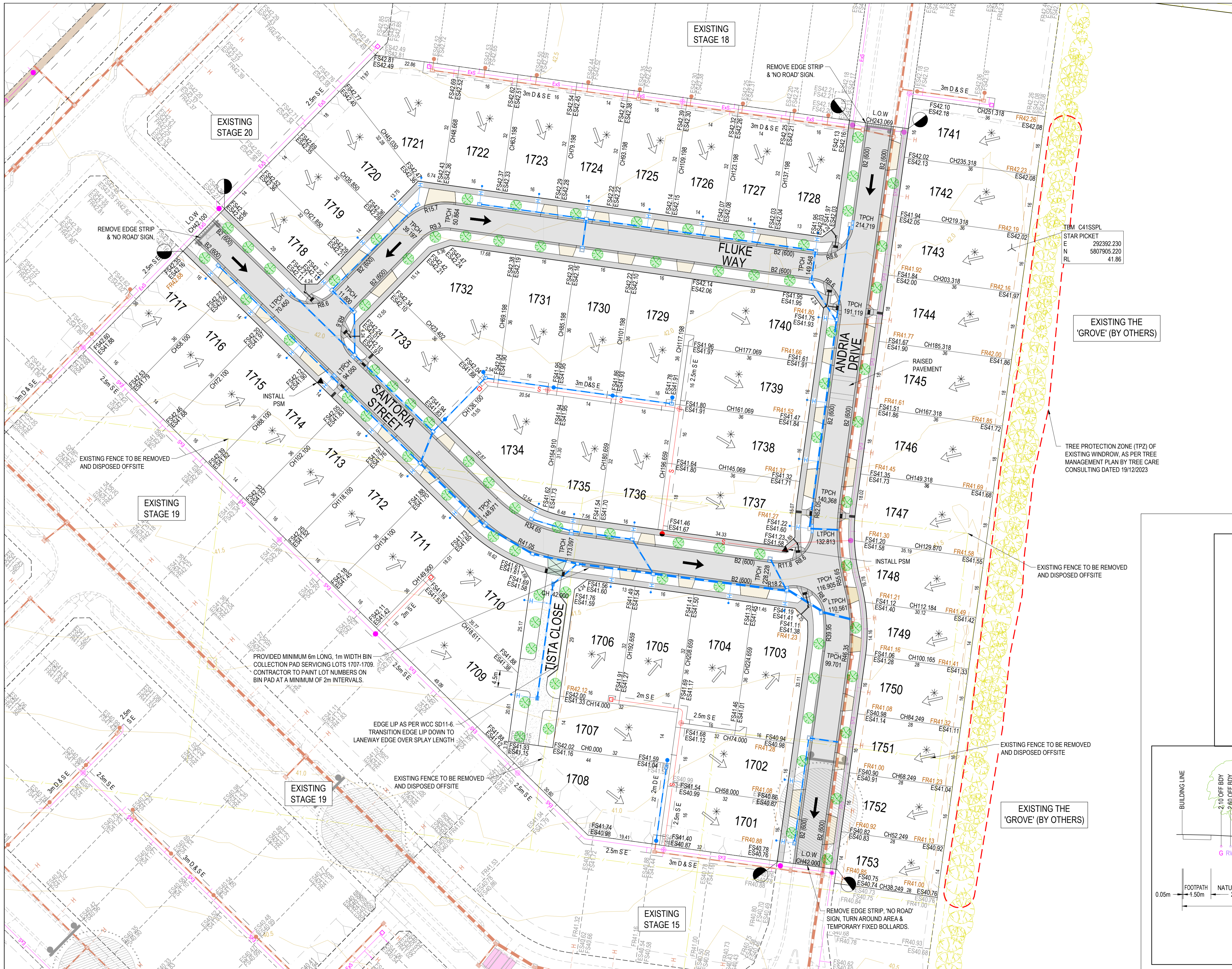
Suite 1, 2 Bloomsbury Street
Newtown, VIC, Australia 3220

DRAWING TITLE
**ALAMORA - STAGE 17
COVER SHEET**

STATUS
**ISSUED FOR
CONSTRUCTION**

SCALE @ A1: 1:2000

DESIGNED	PROJECT ENGINEER	
M.PLANT	A.WALE	
DRAWN	PROJECT MANAGER	
M.PLANT	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.17	R100	1

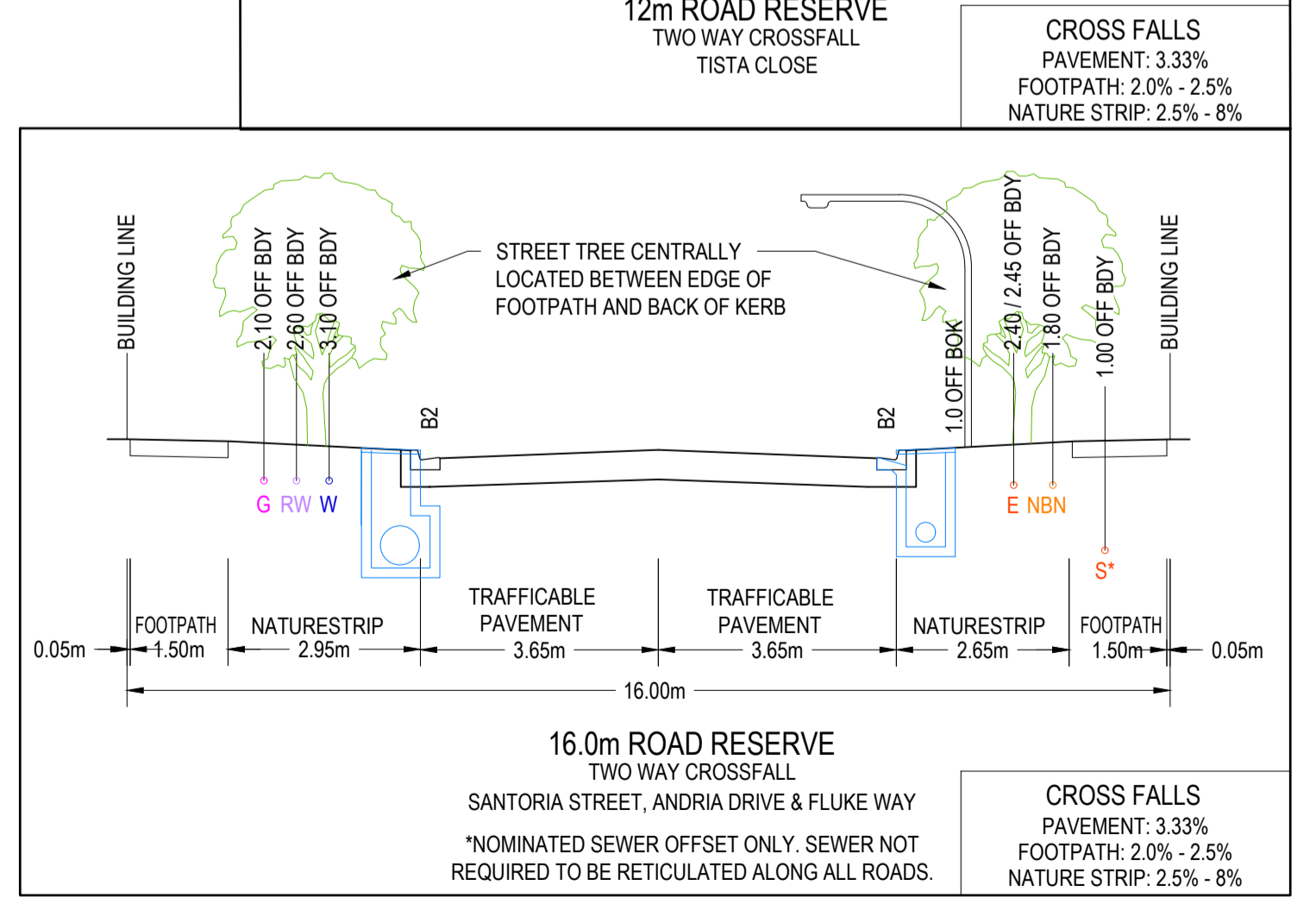
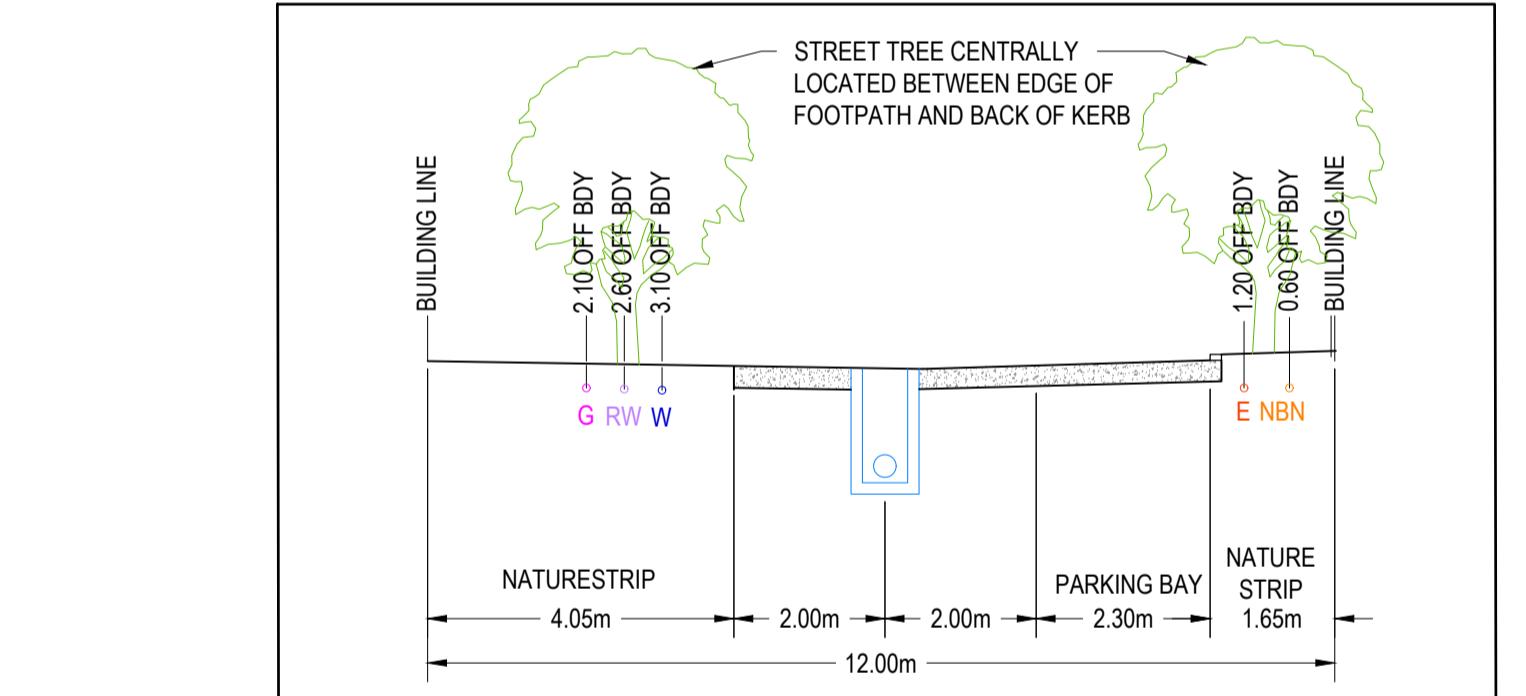


LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- EXISTING STORMWATER DRAIN
- SEWER & MAINTENANCE STRUCTURES
- EXISTING SEWER
- HOUSE DRAIN
- EXISTING HOUSE DRAIN
- TACTILE PAVERS
- EXISTING SURFACE LEVEL
- FINISHED BUILDING LINE LEVEL
- FINISHED RIDGE LINE LEVEL
- TOP OF RETAINING WALL
- 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
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, 'NO ROAD' SIGN & BARRIER
- LIMIT OF WORKS
- STAR PICKET
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH (WITH THICKENING) & HEAVY DUTY VEHICLE CROSSING
- 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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0	13/03/25	ISSUED FOR CONSTRUCTION	M.P.	A.W.	M.T.
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villawood properties
 Communities Designed for Living

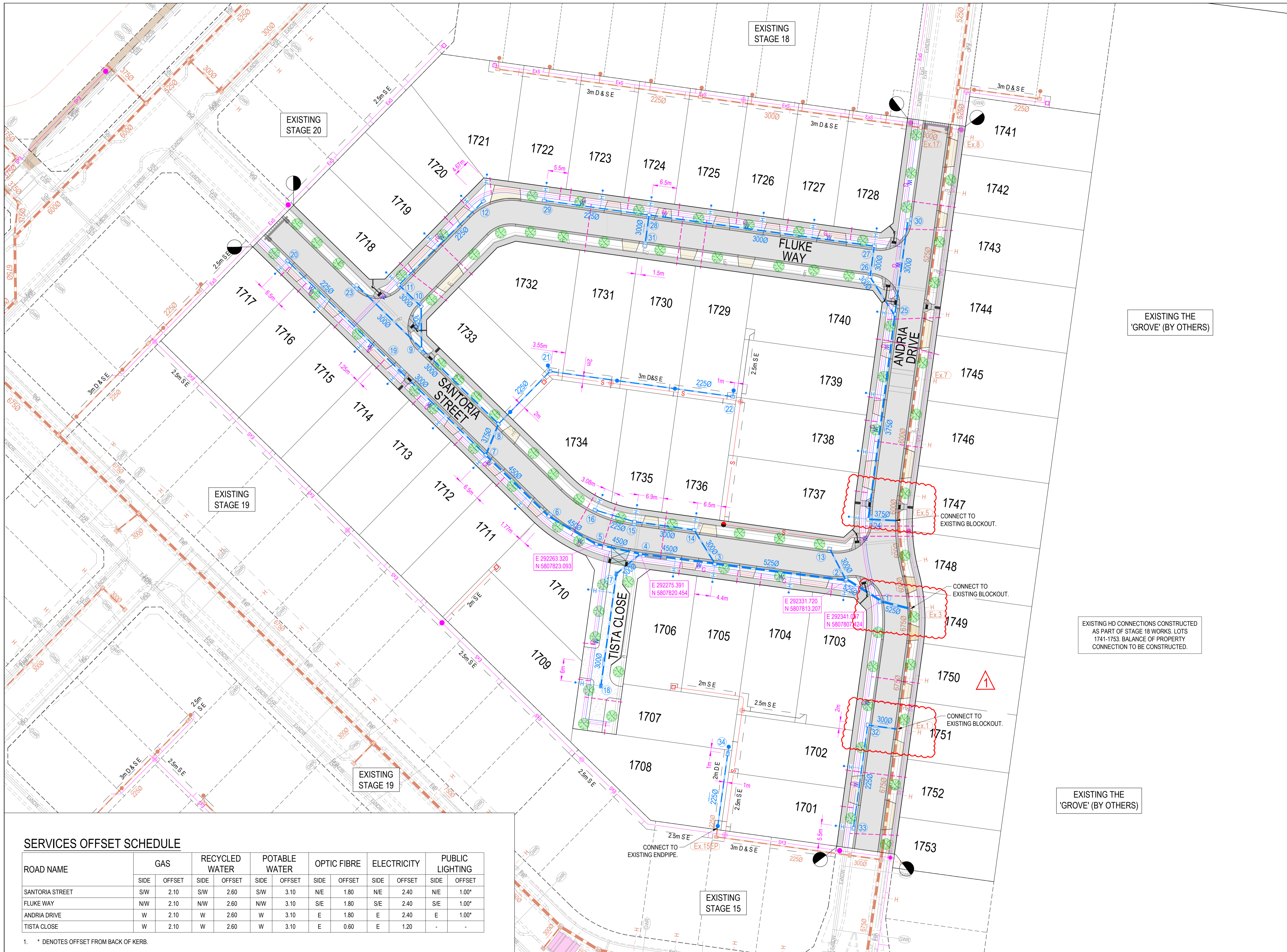
creo CIVIL
 Suite 1, 2 Bloombsbury Street
 Newtown, VIC, Australia 3220

ALAMORA
parceit

ALAMORA - STAGE 17
 LAYOUT PLAN

ISSUED FOR CONSTRUCTION
 SCALE @ A1 : 1:500

DESIGNED M.PLANT
DRAWN M.PLANT
PROJECT ENGINEER A.WALE
PROJECT MANAGER M.TROUNCE
PROJECT No. 200282.17
DRAWING No. R200
REVISION 0



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

EXISTING THE 'GROVE' (BY OTHERS)

EXISTING HD CONNECTIONS CONSTRUCTED AS PART OF STAGE 18 WORKS. LOTS 1741-1753. BALANCE OF PROPERTY CONNECTION TO BE CONSTRUCTED.

EXISTING THE 'GROVE' (BY OTHERS)

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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
SANTORIA STREET	S/W	2.10	S/W	2.60	S/W	3.10	N/E	1.80	N/E	2.40	N/E	1.00*
FLUKE WAY	N/W	2.10	N/W	2.60	N/W	3.10	S/E	1.80	S/E	2.40	S/E	1.00*
ANDRIA DRIVE	W	2.10	W	2.60	W	3.10	E	1.80	E	2.40	E	1.00*
TISTA CLOSE	W	2.10	W	2.60	W	3.10	E	0.60	E	1.20	-	-

1. * DENOTES OFFSET FROM BACK OF KERB.

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villawood properties
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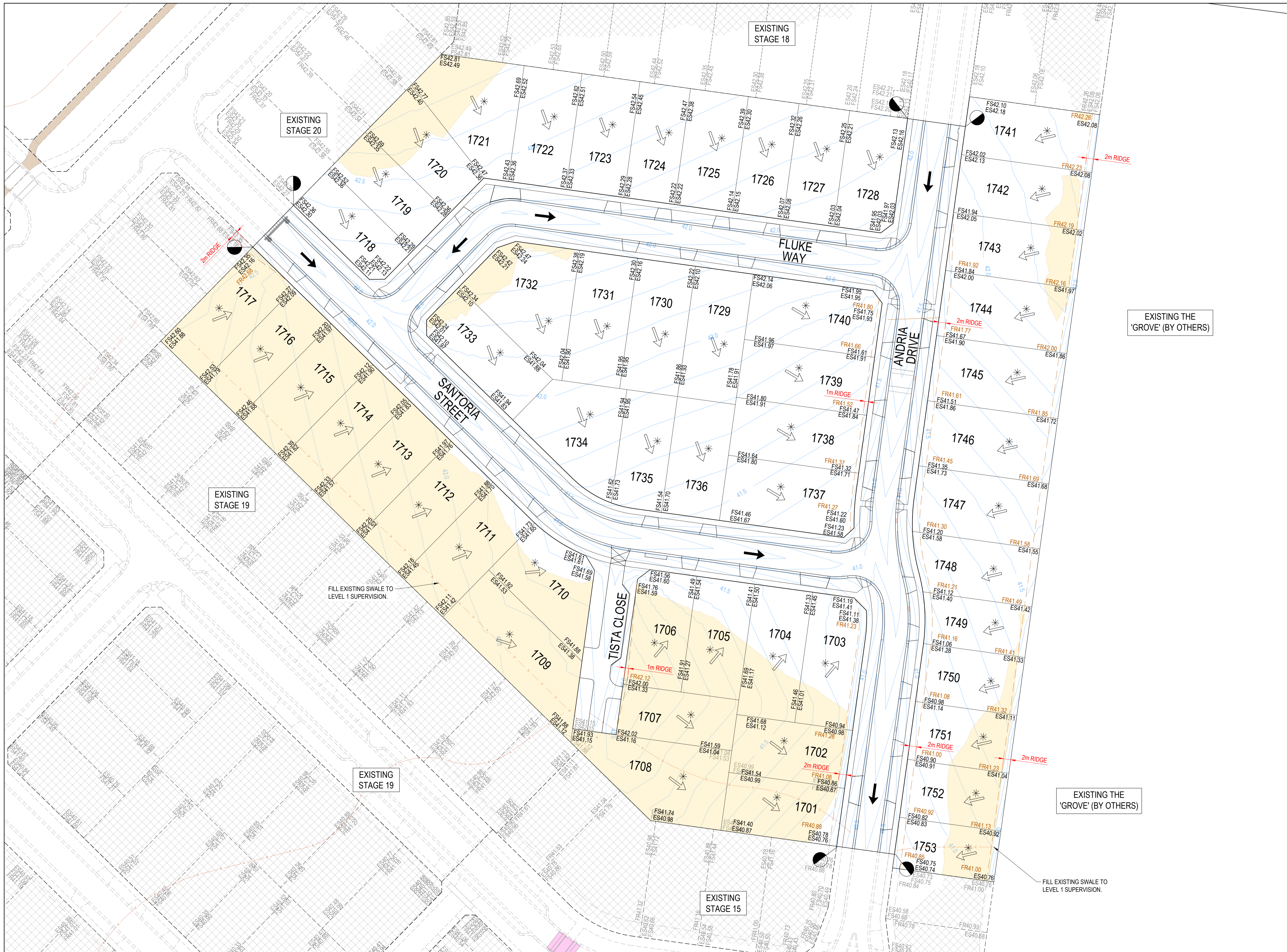
ALAMORA
harriet

DRAWING TITLE
ALAMORA - STAGE 17 SERVICES PLAN

STATUS
ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:500

DESIGNED	PROJECT ENGINEER	
M.PLANT	A.WALE	
DRAWN	PROJECT MANAGER	
M.PLANT	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.17	R201	1



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
- TW159.30 TOP OF RETAINING WALL
- BW159.30 BOTTOM OF RETAINING WALL
- RETAINING WALL
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
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- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
- 0.10m CONTOUR

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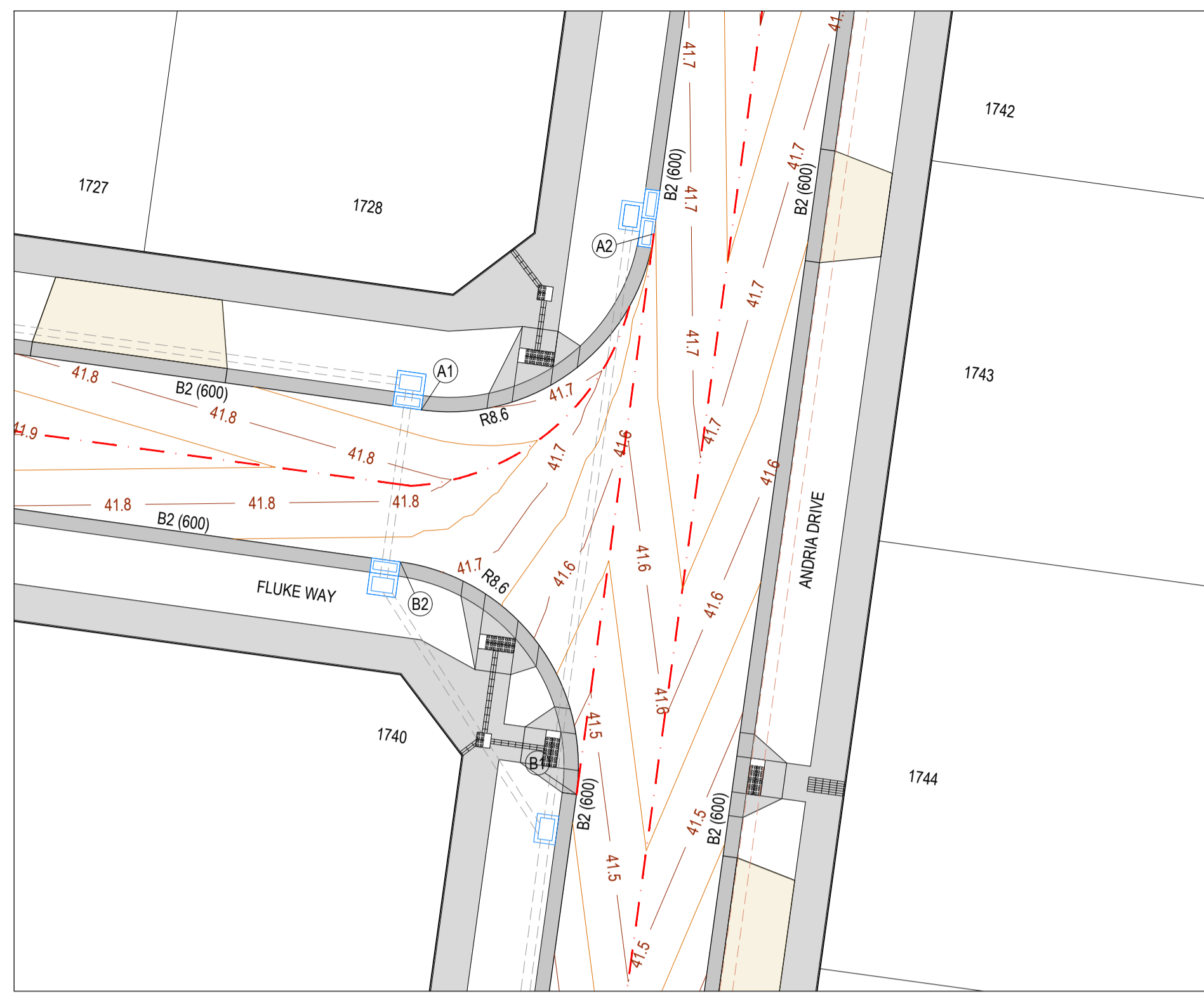
ALAMORA
parceit

DRAWING TITLE
ALAMORA - STAGE 17
EARTHWORKS PLAN

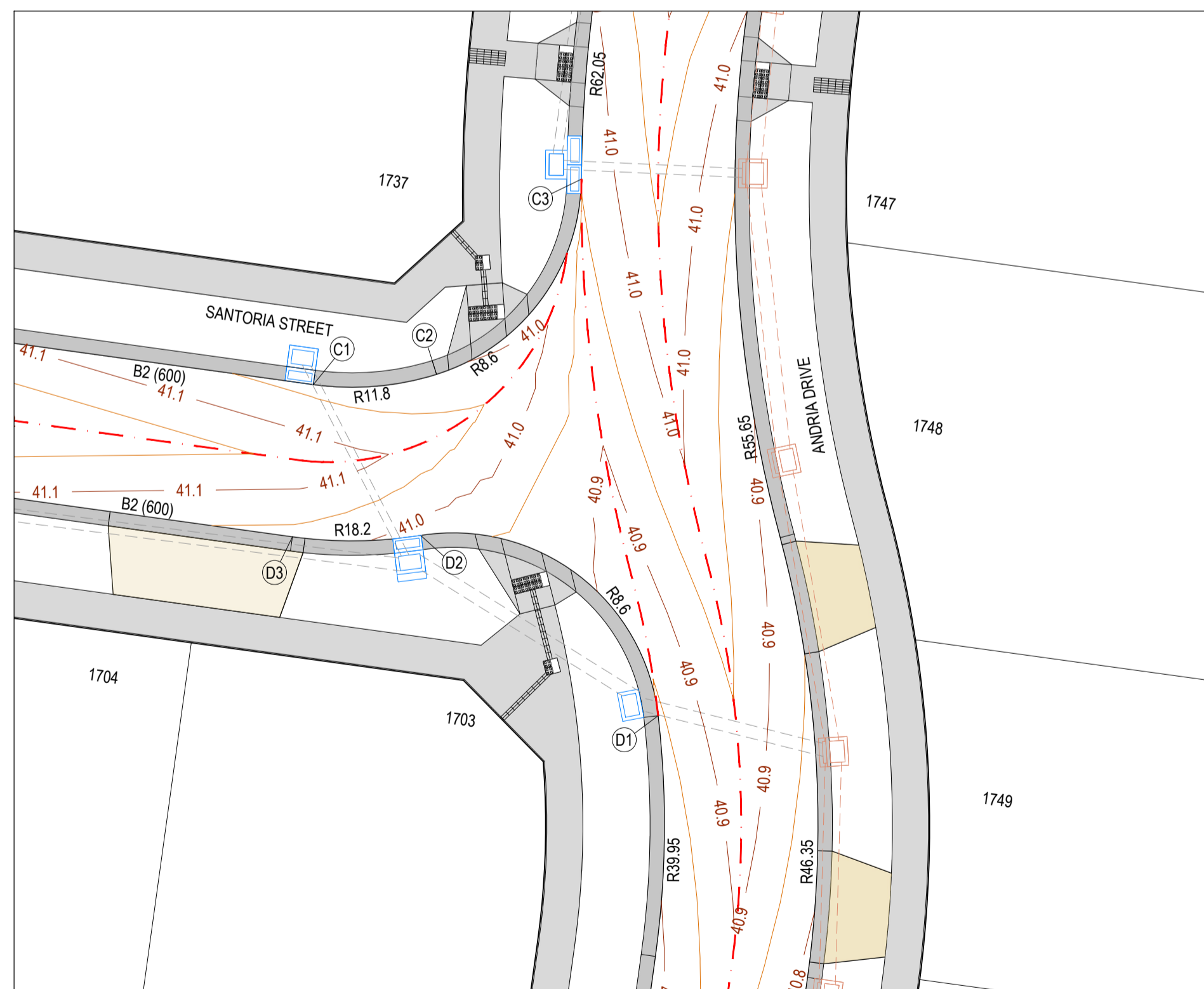
STATUS
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SCALE @ A1: 1:500

DESIGNED	PROJECT ENGINEER	
M.PLANT	A.WALE	
DRAWN	PROJECT MANAGER	
M.PLANT	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.17	R202	0



ANDRIA DRIVE & FLUKE WAY INTERSECTION



ANDRIA DRIVE & SANTORIA STREET INTERSECTION

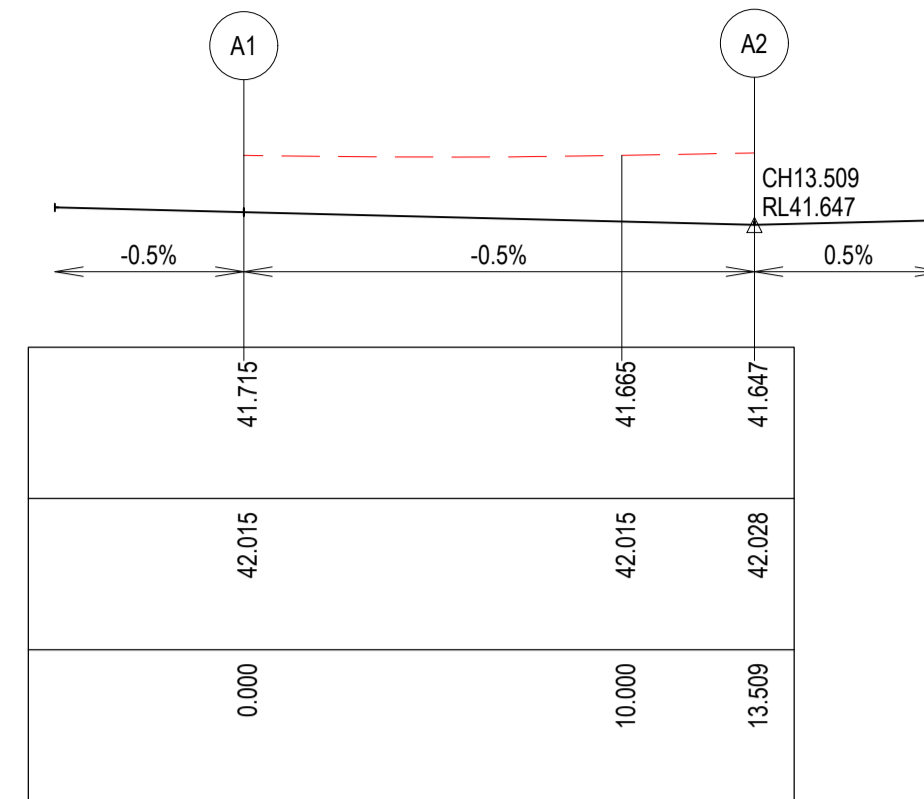


VERTICAL GEOMETRY
DATUM RL41

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



LIP LINE A

ALIGNMENT A

PT NO	EASTING	NORTHING	RL
A1	292339.893	5807903.561	41.715
A2	292349.589	5807910.904	41.647

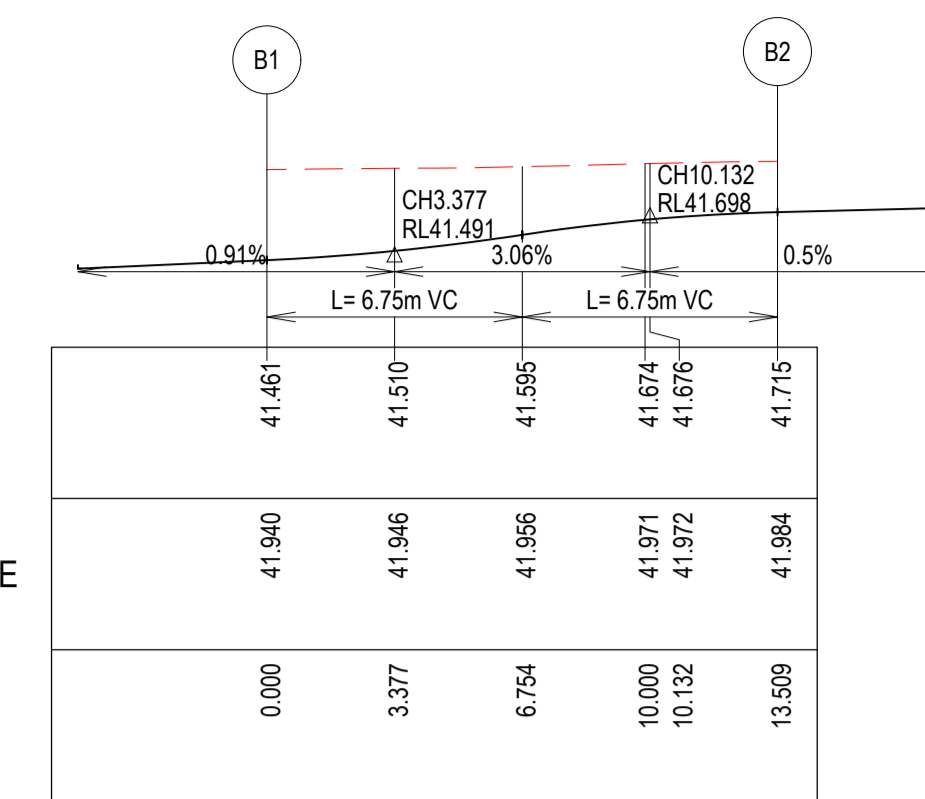
CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
A1 - A2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	41.681

VERTICAL GEOMETRY
DATUM RL41

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE

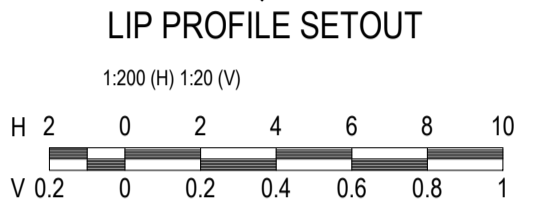
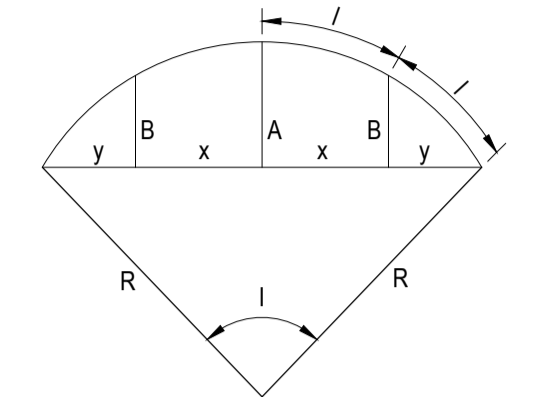
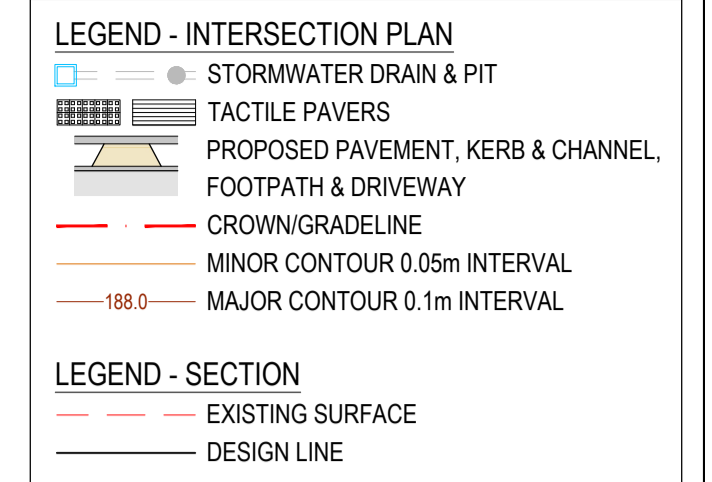


LIP LINE B

ALIGNMENT B

PT NO	EASTING	NORTHING	RL
B1	292346.361	5807887.526	41.461
B2	292339.018	5807897.222	41.715

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	41.595

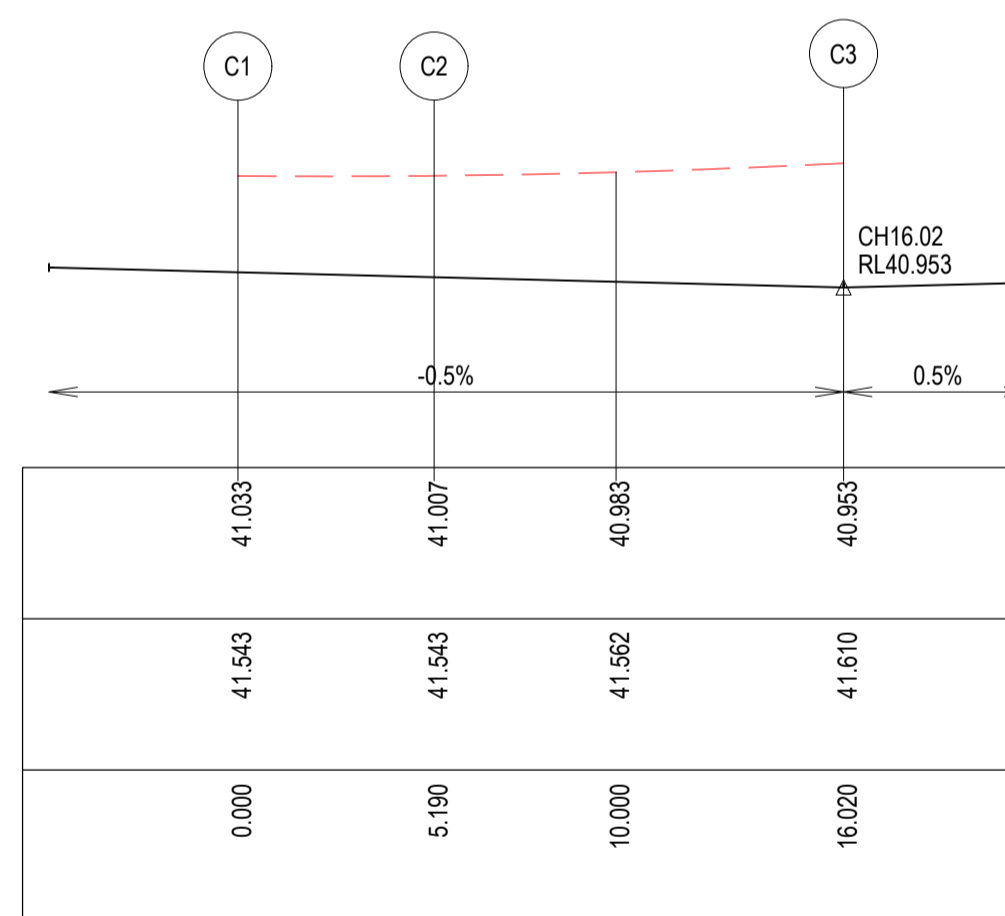


VERTICAL GEOMETRY
DATUM RL40

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



LIP LINE C

ALIGNMENT C

PT NO	EASTING	NORTHING	RL
C1	292327.670	5807820.755	41.033
C2	292332.801	5807821.180	41.007
C3	292338.837	5807829.313	40.953

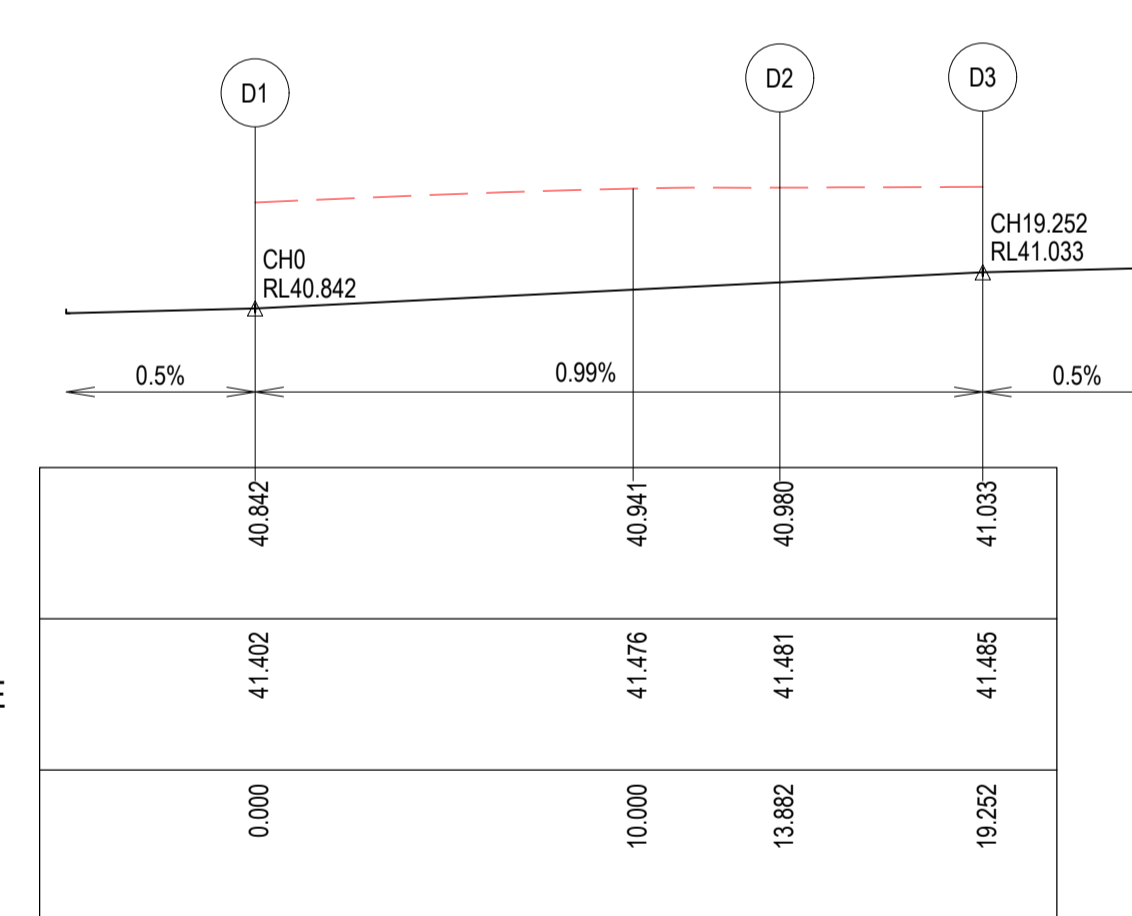
CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
C1 - C2	25.201	11.800	5.190	0.284	0.213	1.295	1.279	1.298	41.020
C2 - C3	72.154	8.600	10.830	1.649	1.227	2.663	2.401	2.708	40.980

VERTICAL GEOMETRY
DATUM RL40

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



LIP LINE D

ALIGNMENT D

PT NO	EASTING	NORTHING	RL
D1	292342.040	5807806.960	40.842
D2	292332.145	5807814.470	40.980
D3	292326.794	5807814.415	41.033

CURVE NO	I	RAD	ARC	A	B	X	Y	I	MID POINT RL
D1 - D2	92.485	8.600	13.882	2.652	1.961	3.377	2.835	3.470	40.911
D2 - D3	16.906	18.200	5.370	0.198	0.148	1.341	1.334	1.343	41.006

NOTE
FOR SIGNS & LINEMARKING PLAN
REFER SHEETS R800.

WARNING
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BEFORE YOU DIG
www.byda.com.au

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P.	A.W.	M.T.
A	24/01/25	ISSUED FOR APPROVAL	M.P.	A.W.	M.T.

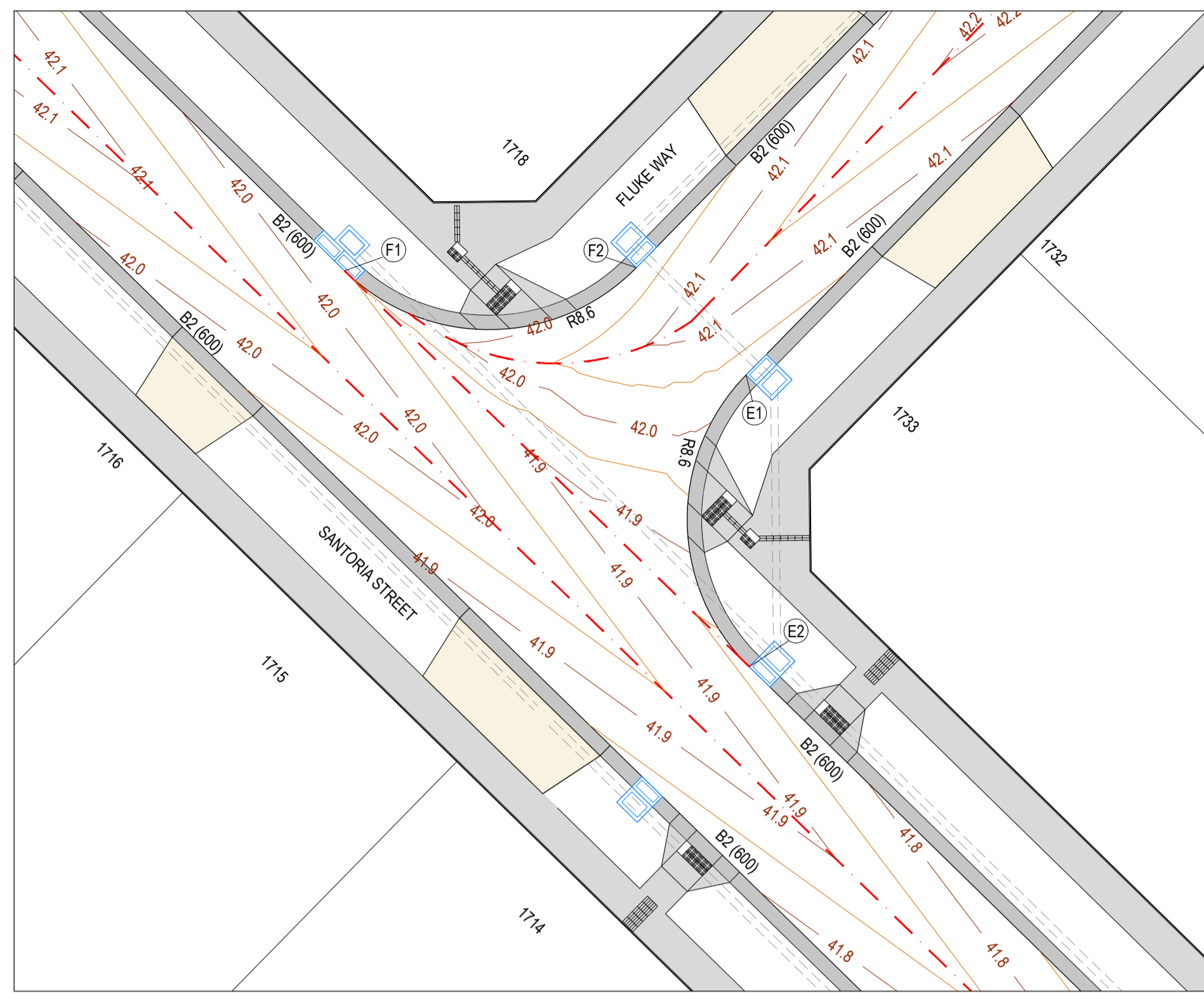
CLIENT
villawood
properties
Communities Designed for Living

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

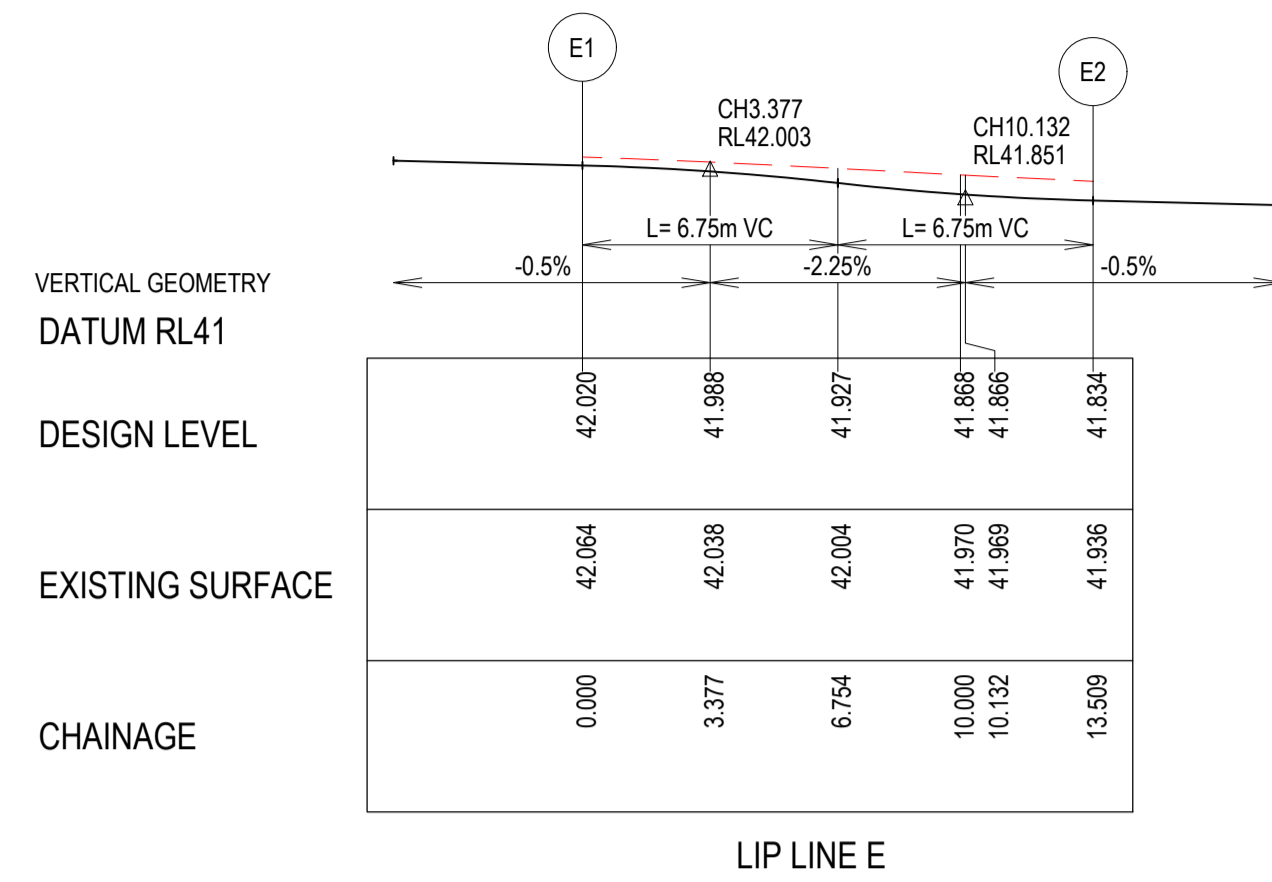
DRAWING TITLE
ALAMORA
Tarnait
ALAMORA - STAGE 17
INTERSECTION DETAILS - 1

STATUS
ISSUED FOR CONSTRUCTION
SCALE @ A1:
AS SHOWN

DESIGNED
M.PLANT
PROJECT ENGINEER
A.WALE
DRAWN
M.PLANT
PROJECT MANAGER
M.TROUNCE
PROJECT No.
200282.17
DRAWING No.
R300
REVISION
0



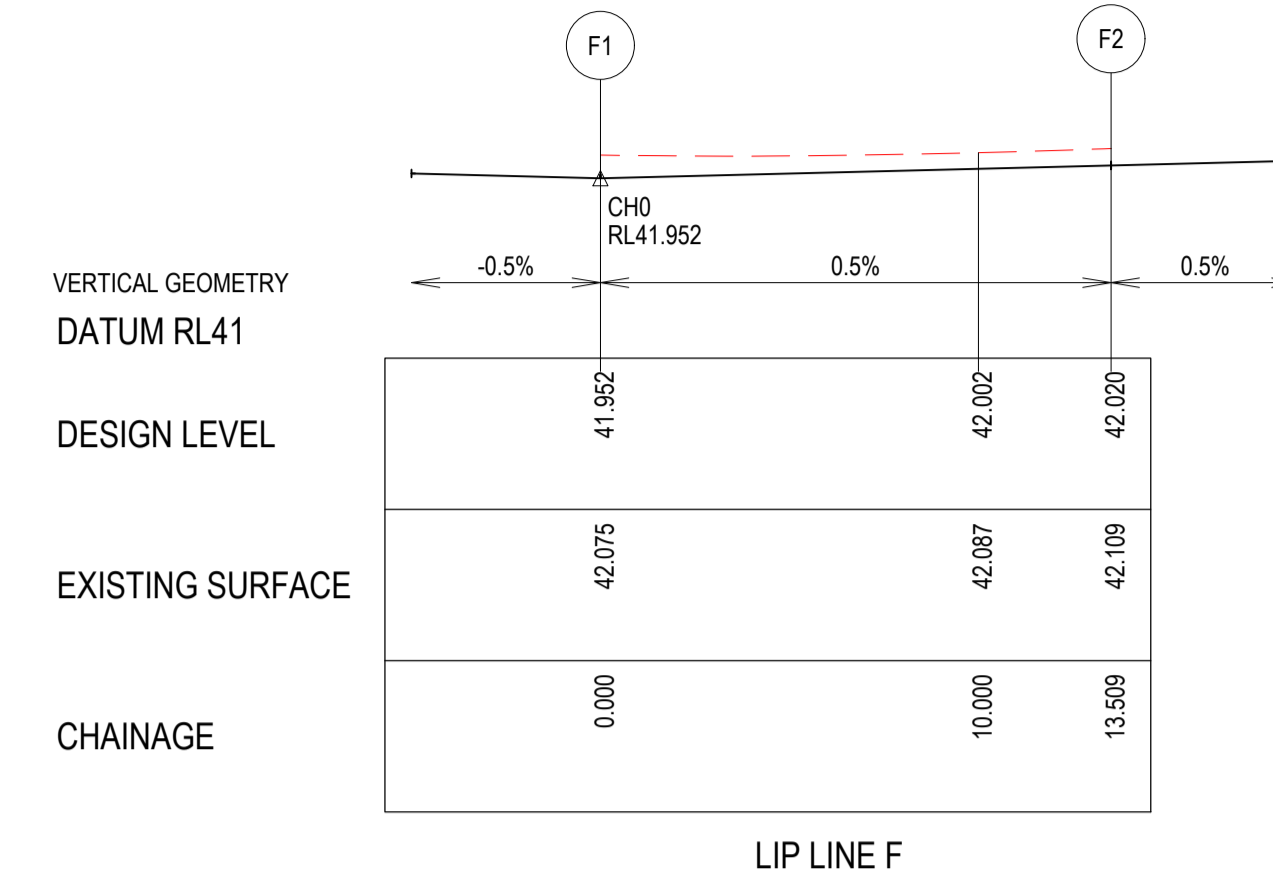
SANTORIA STREET & FLUKE WAY INTERSECTION



ALIGNMENT E

PT NO	EASTING	NORTHING	RL
E1	292214.180	5807888.434	42.020
E2	292214.311	5807876.272	41.834

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	41.927

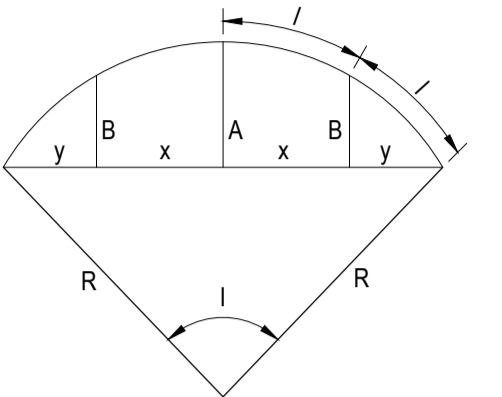


ALIGNMENT F

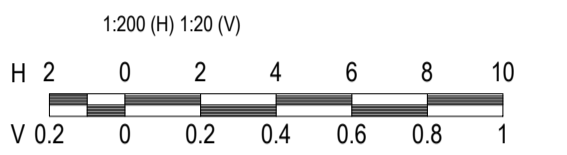
PT NO	EASTING	NORTHING	RL
F1	292197.445	5807892.779	41.952
F2	292209.606	5807892.910	42.020

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	41.986

- LEGEND - INTERSECTION PLAN**
- STORMWATER DRAIN & PIT
 - TACTILE PAVERS
 - PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
 - CROWN/GRADELINE
 - MINOR CONTOUR 0.05m INTERVAL
 - MAJOR CONTOUR 0.1m INTERVAL
- LEGEND - SECTION**
- EXISTING SURFACE
 - DESIGN LINE



LIP PROFILE SETOUT



NOTE FOR SIGNS & LINEMARKING PLAN REFER SHEETS R800.

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A	24/01/25	ISSUED FOR APPROVAL	M.P	A.W	M.T

CLIENT

Communities Designed for Living

PROJECT

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

DRAWING TITLE

ALAMORA
Tarnait

STATUS

ISSUED FOR CONSTRUCTION

SCALE @ A1:

AS SHOWN

DESIGNED

M.PLANT

DRAWN

M.PLANT

PROJECT ENGINEER

A.WALE

PROJECT MANAGER

M.TROUNCE

PROJECT No.

200282.17

DRAWING No.

R301

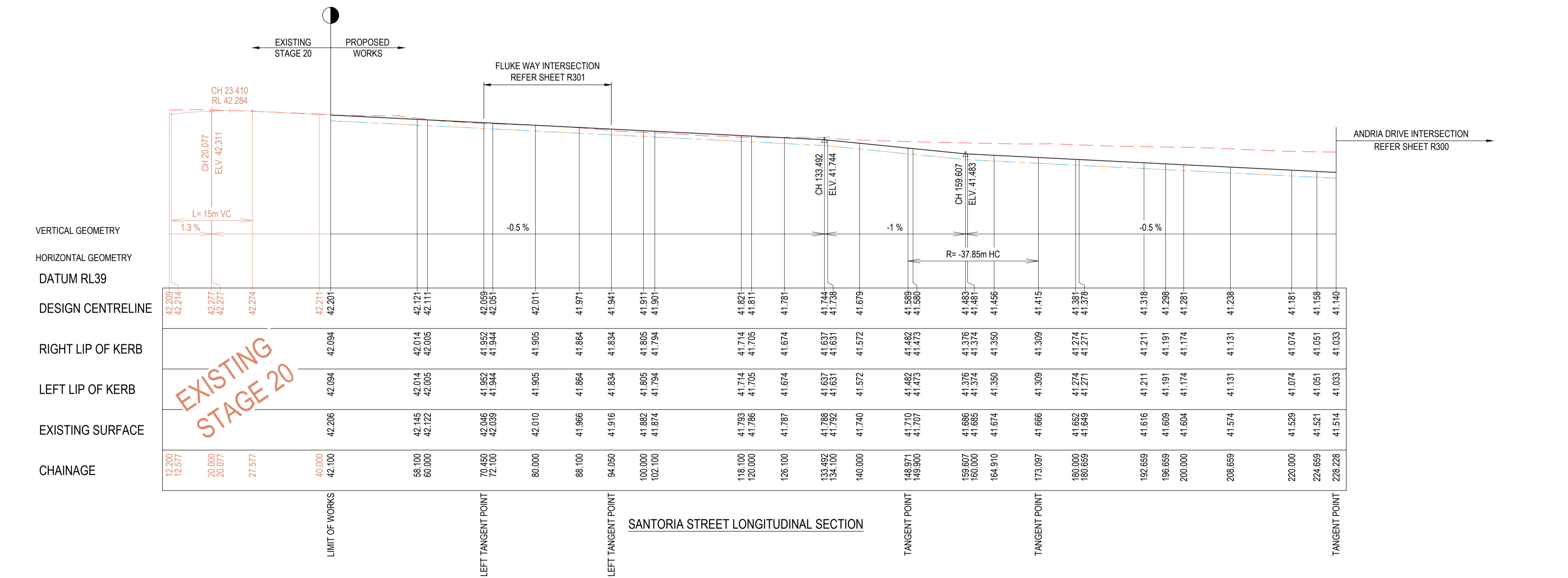
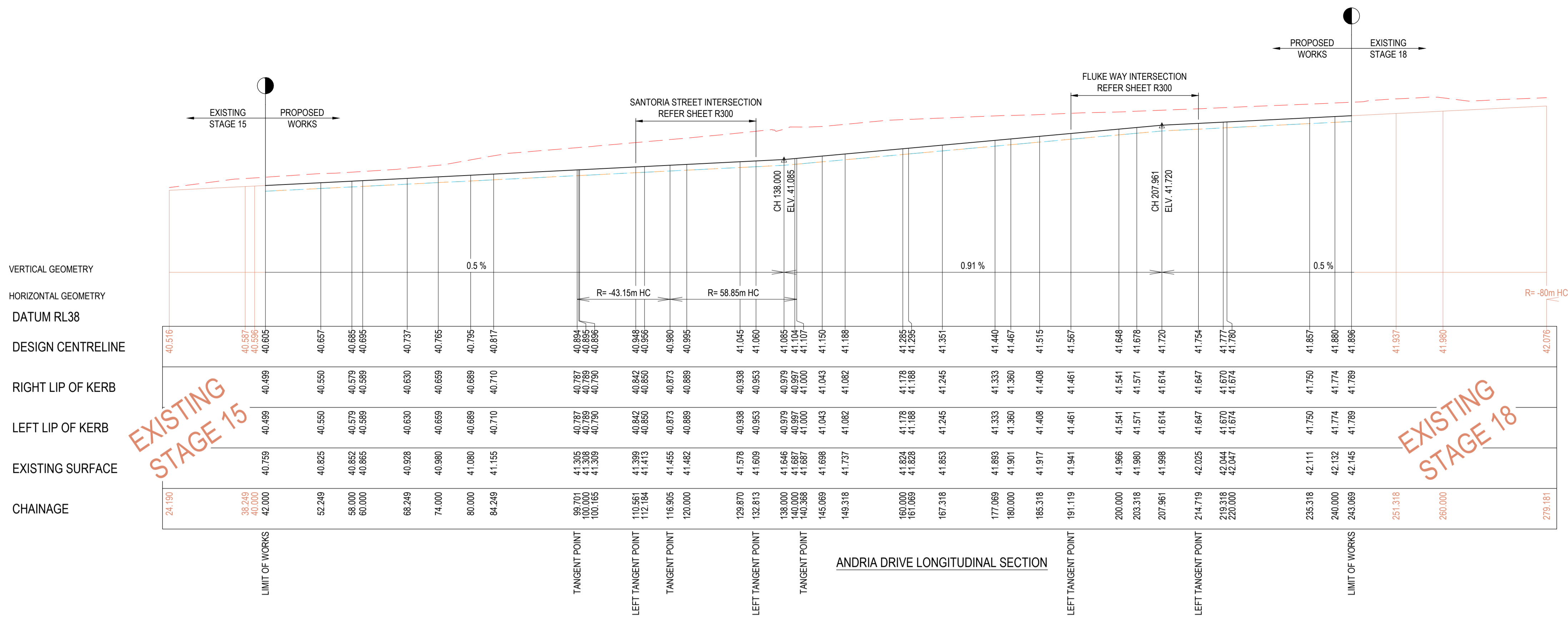
REVISION

0

LEGEND

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

NOTE: REFER TO GENERAL NOTES REGARDING STRUCTURAL FILL



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P	A.W	M.T
A	24/01/25	ISSUED FOR APPROVAL	M.P	A.W	M.T

CLIENT

villawood
properties

Communities Designed for Living

PROJECT

creo
CIVIL

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

DRAWING TITLE

ALAMORA - STAGE 17
ROAD LONGITUDINAL SECTIONS - 1

STATUS

ISSUED FOR CONSTRUCTION

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

DESIGNED

M.PLANT

DRAWN

M.PLANT

PROJECT ENGINEER

A.WALE

PROJECT MANAGER

M.TROUNCE

PROJECT No.

200282.17

DRAWING No.

R400

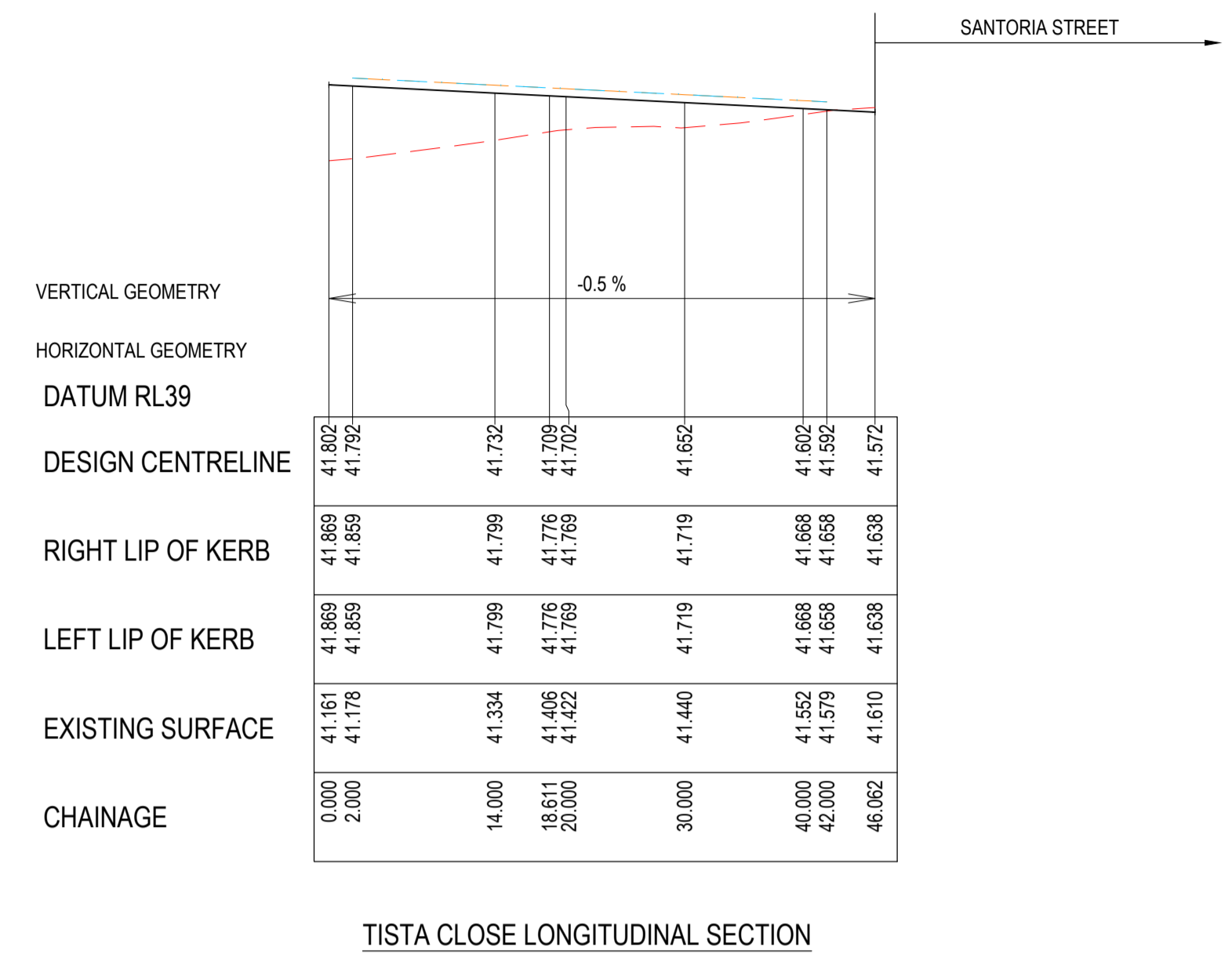
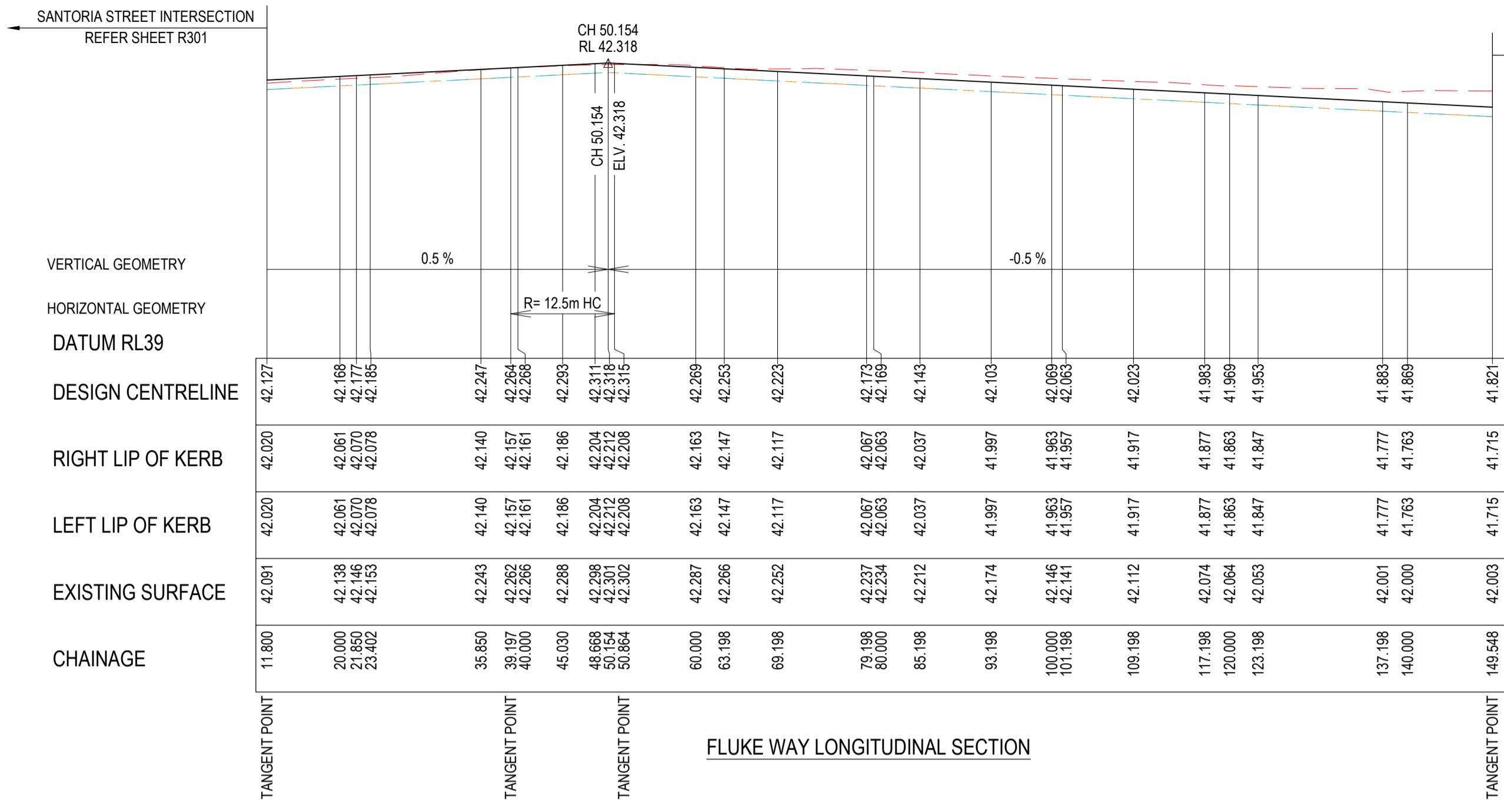
REVISION

0

LEGEND

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

NOTE: REFER TO GENERAL NOTES REGARDING STRUCTURAL FILL



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P	A.W	M.T
A	24/01/25	ISSUED FOR APPROVAL	M.P	A.W	M.T

CLIENT

Communities Designed for Living

CLIENT

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

PROJECT

DRAWING TITLE

**ALAMORA - STAGE 17
ROAD LONGITUDINAL SECTIONS - 2**

STATUS

ISSUED FOR CONSTRUCTION

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

DESIGNED	M.PLANT	PROJECT ENGINEER	A.WALE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.17	DRAWING No.	R401
REVISION			0

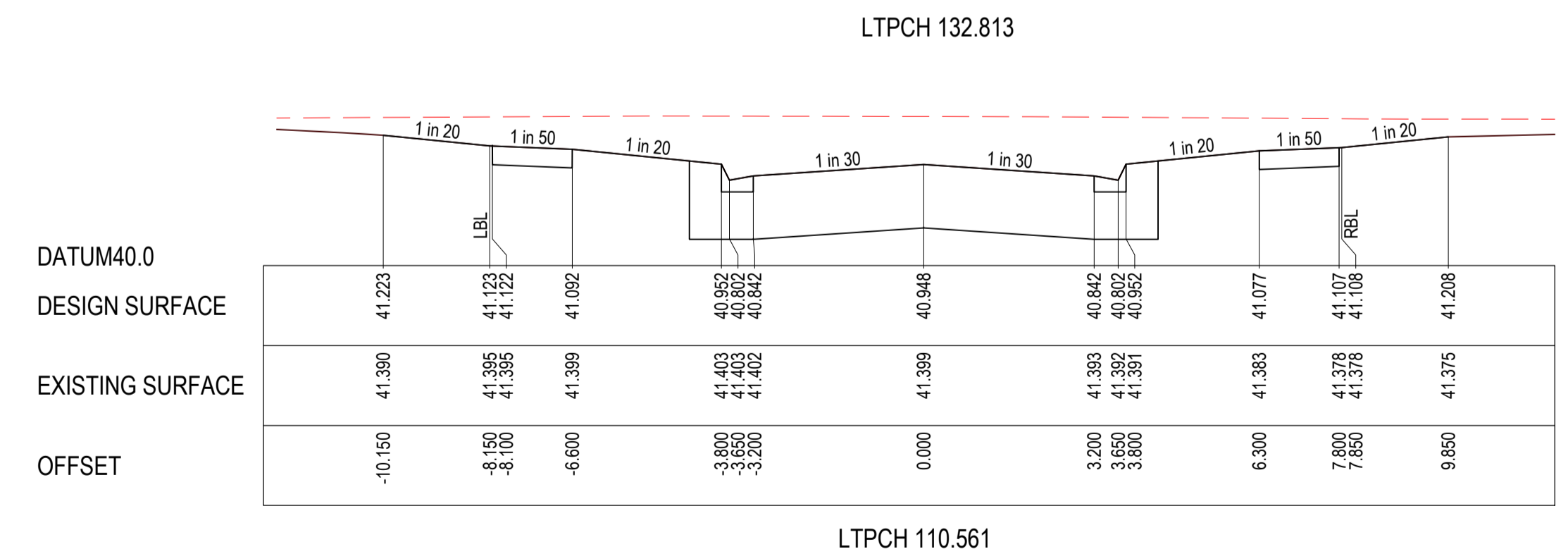
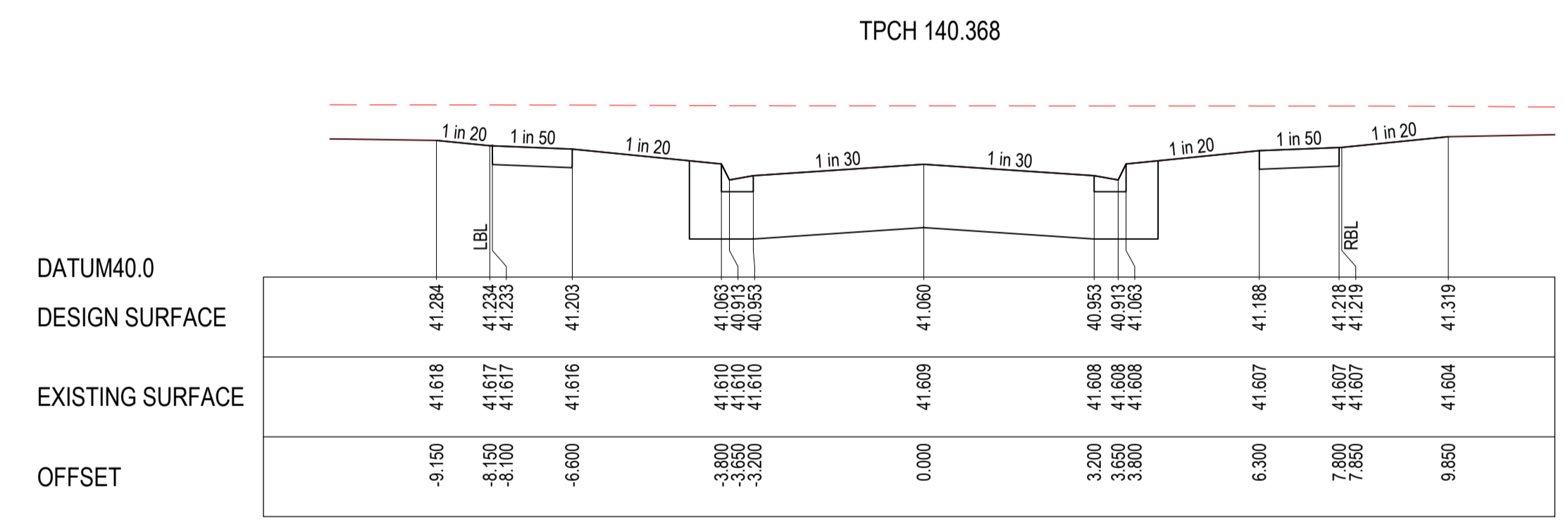
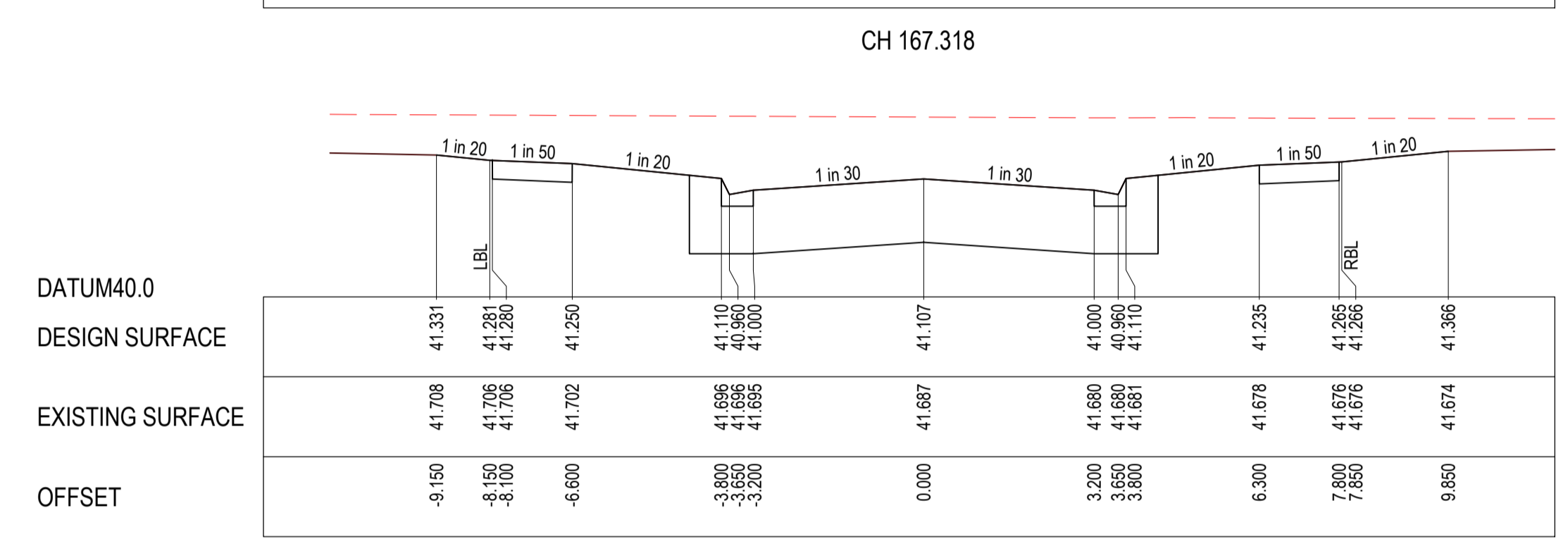
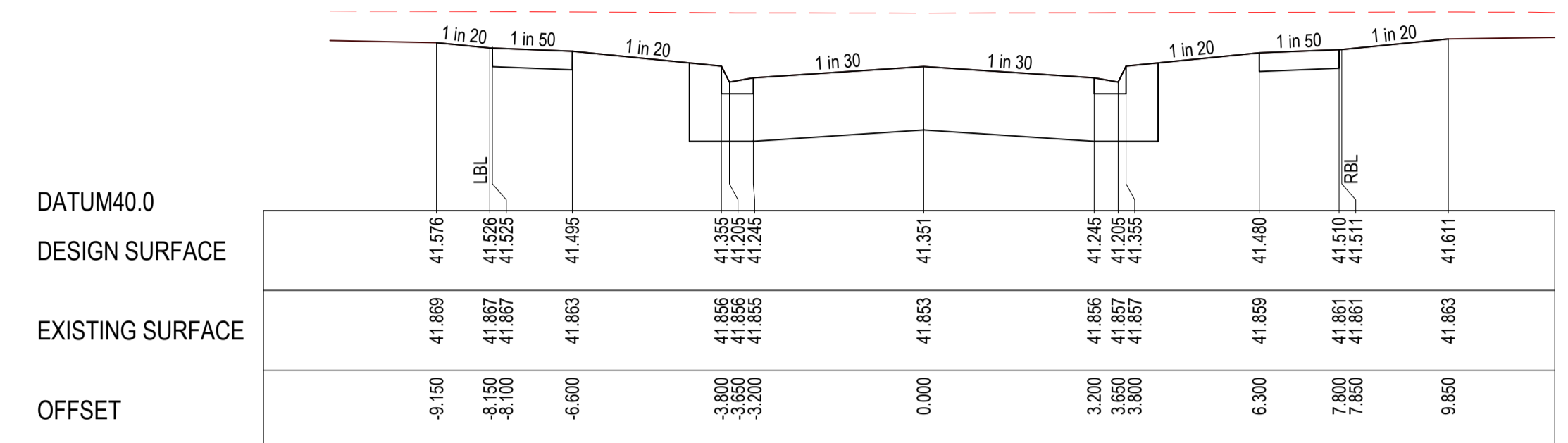
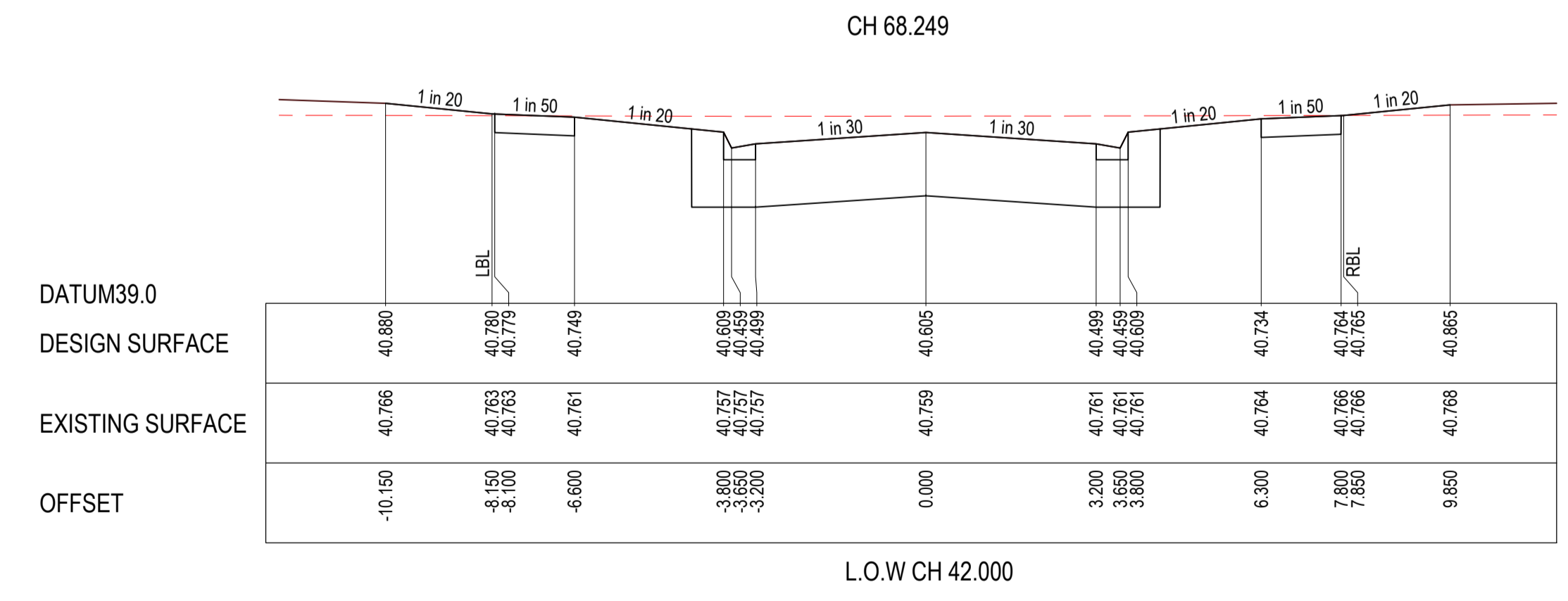
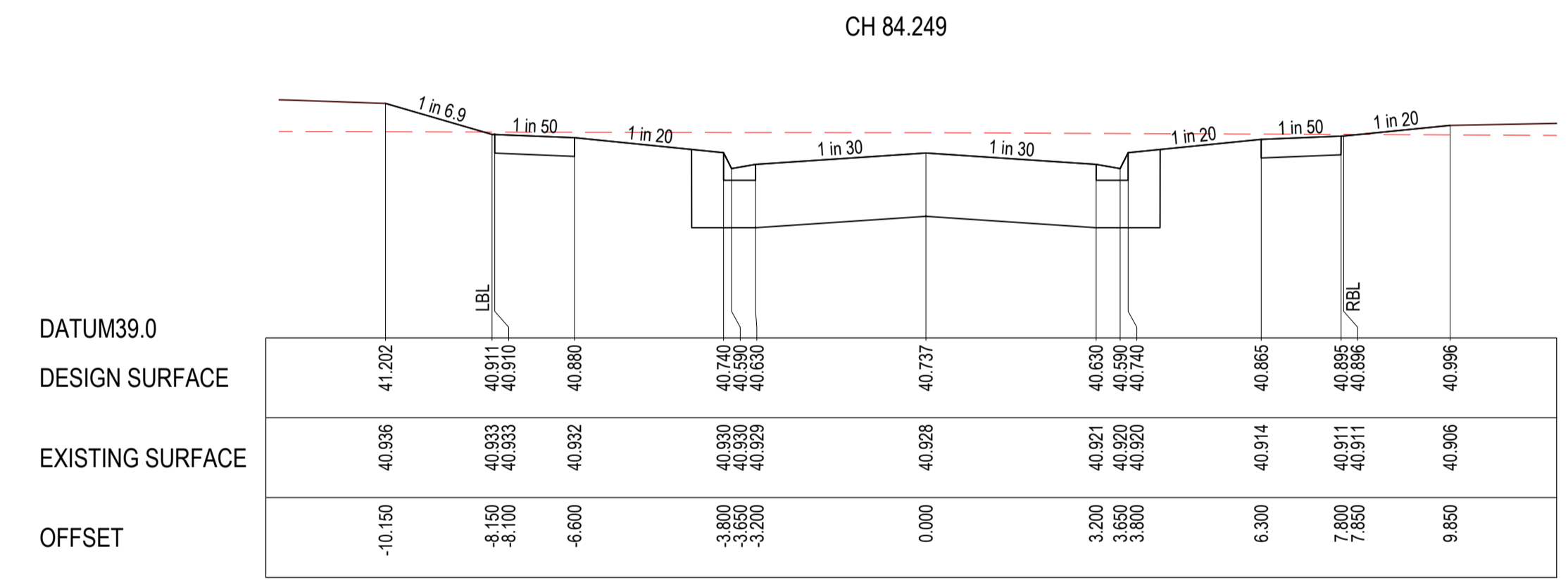
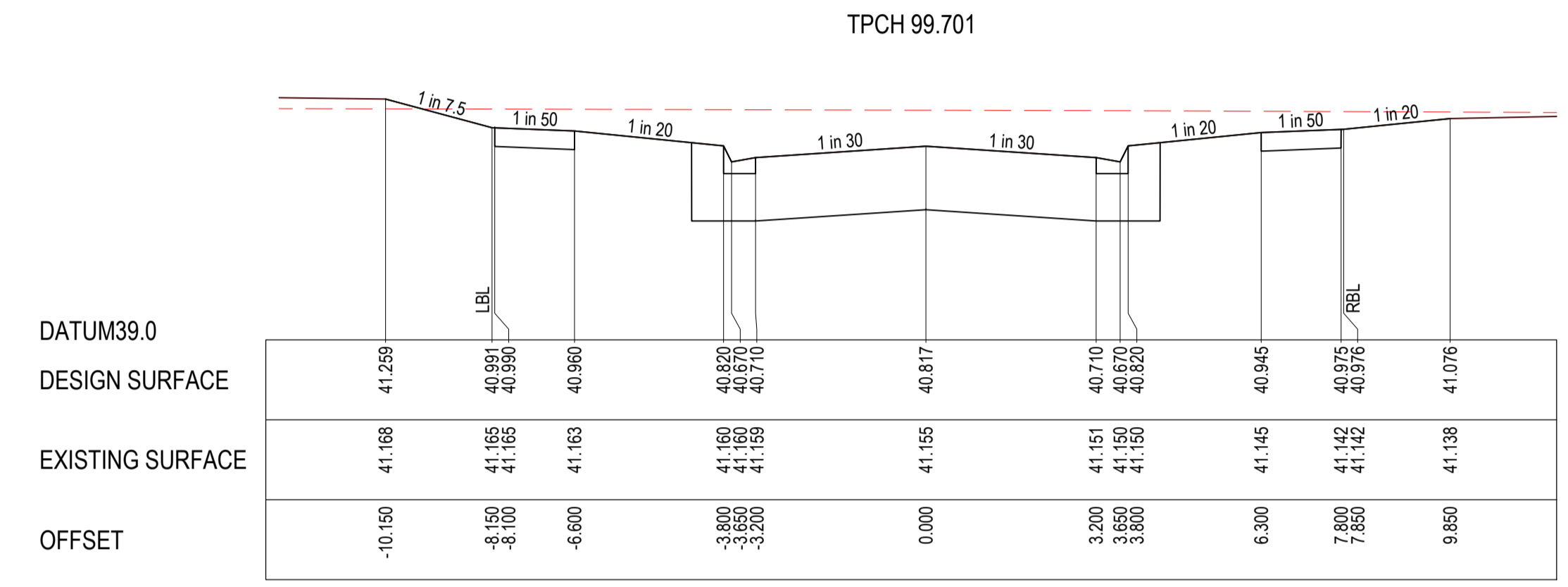
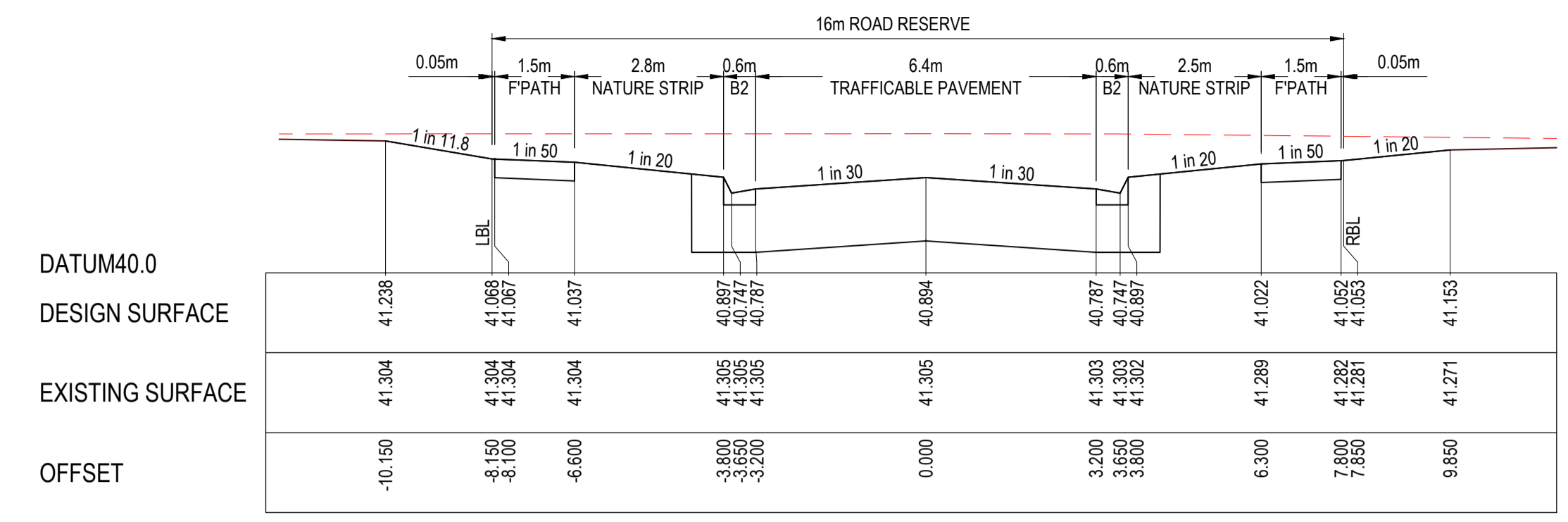
LEGEND

- 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.

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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www.1100.com.au



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P	A.W	M.T
A	24/01/25	ISSUED FOR APPROVAL	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 17
ROAD CROSS SECTIONS - 1
ANDRIA DRIVE**

STATUS

ISSUED FOR CONSTRUCTION

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

DESIGNED	M.PLANT	PROJECT ENGINEER	A.WALE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.17	DRAWING No.	R500
REVISION			0

P:\2025\20252 - ALAMORA - JARNEIT\20252 - TPCH\12 - DRAFTING\CAD\ROAD & DRAINAGE\20252-17 - R500 - ROAD CROSS SECTIONS.DWG

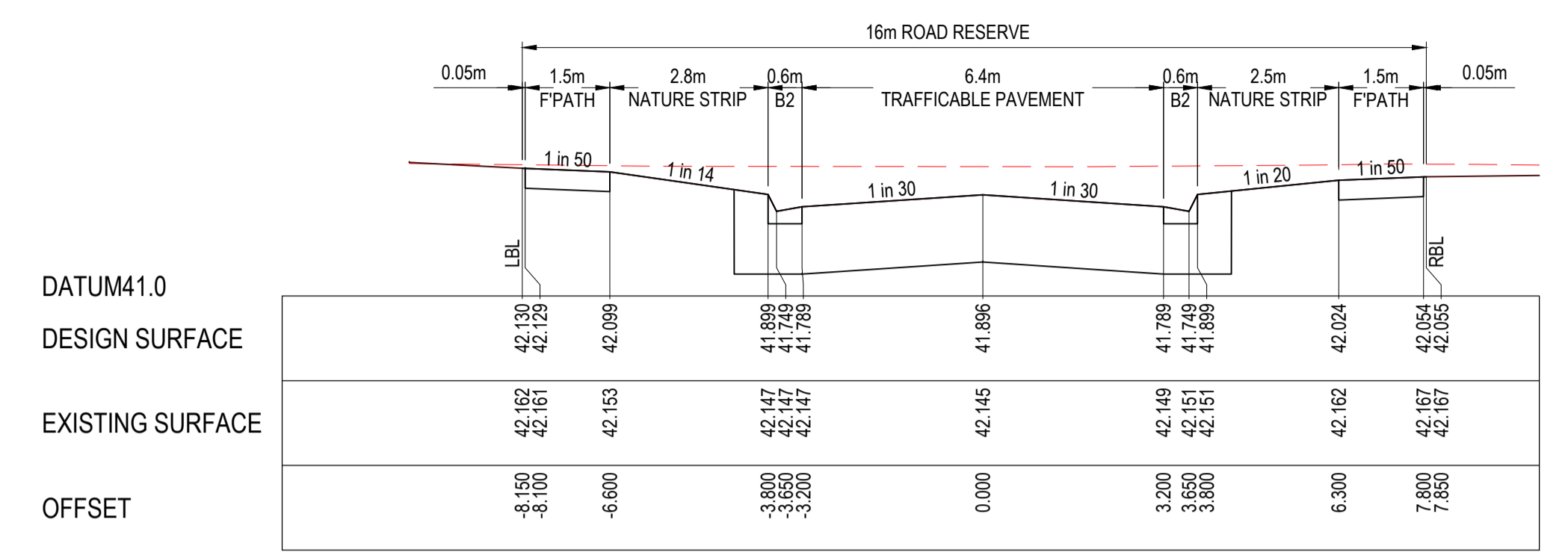
LEGEND

- EXISTING SURFACE
- DESIGN LINE
- ▨ SELECT STRUCTURAL FILL

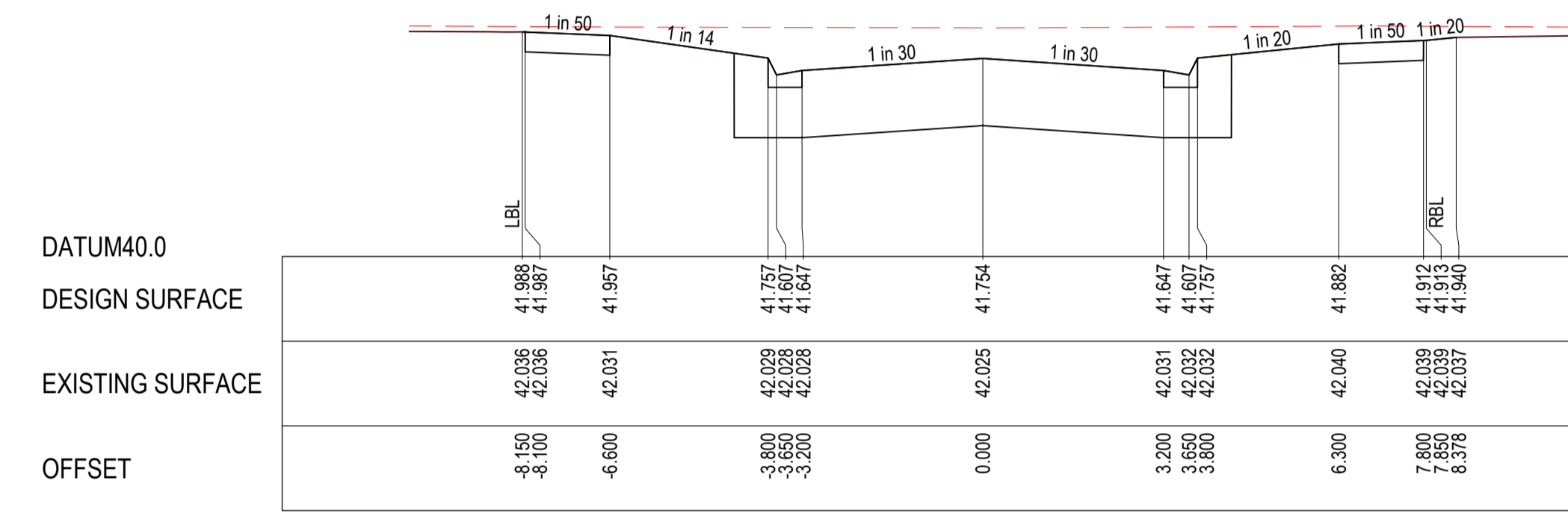
NOTE:
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NOTE:
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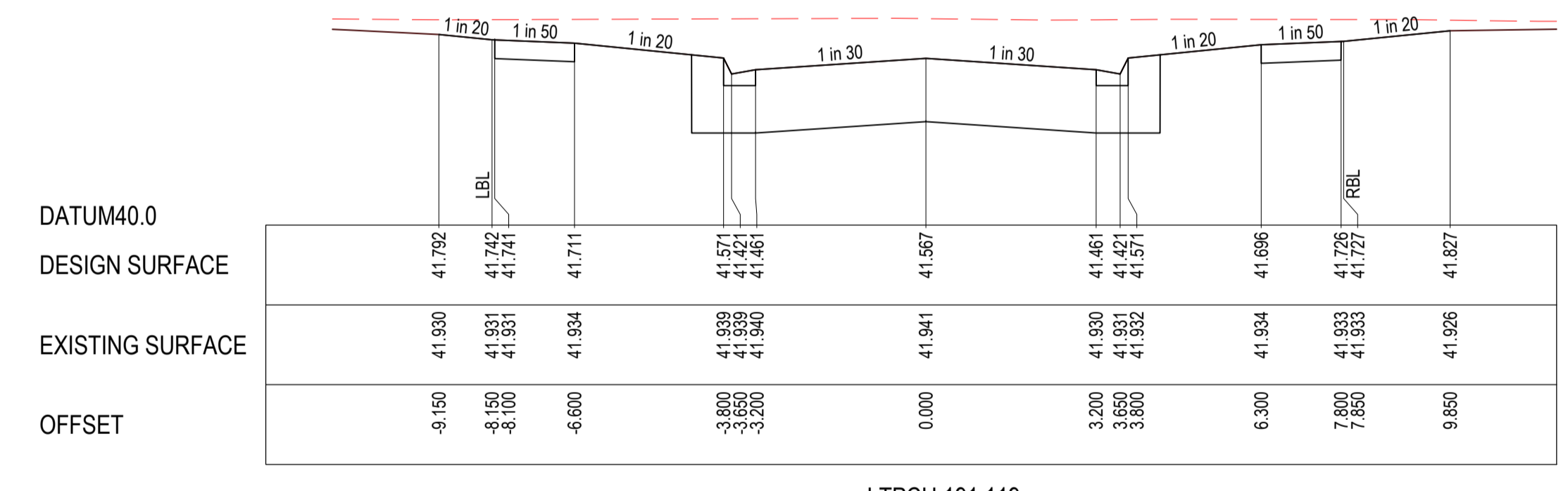
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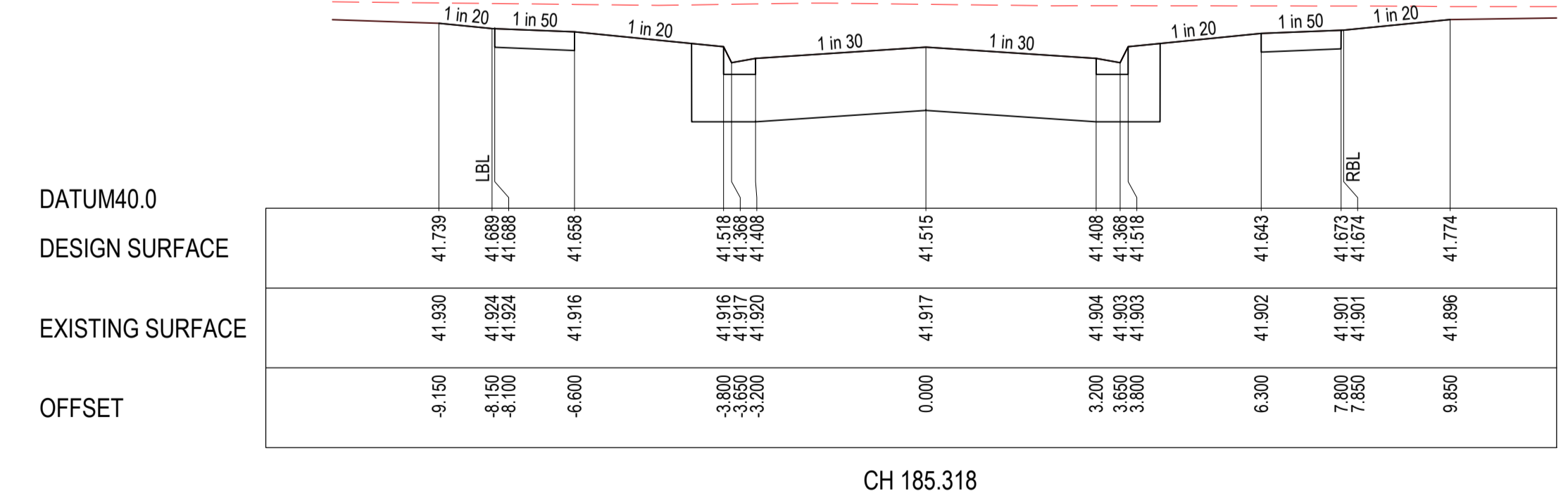
L.O.W CH 243.069



LTPCH 214.719

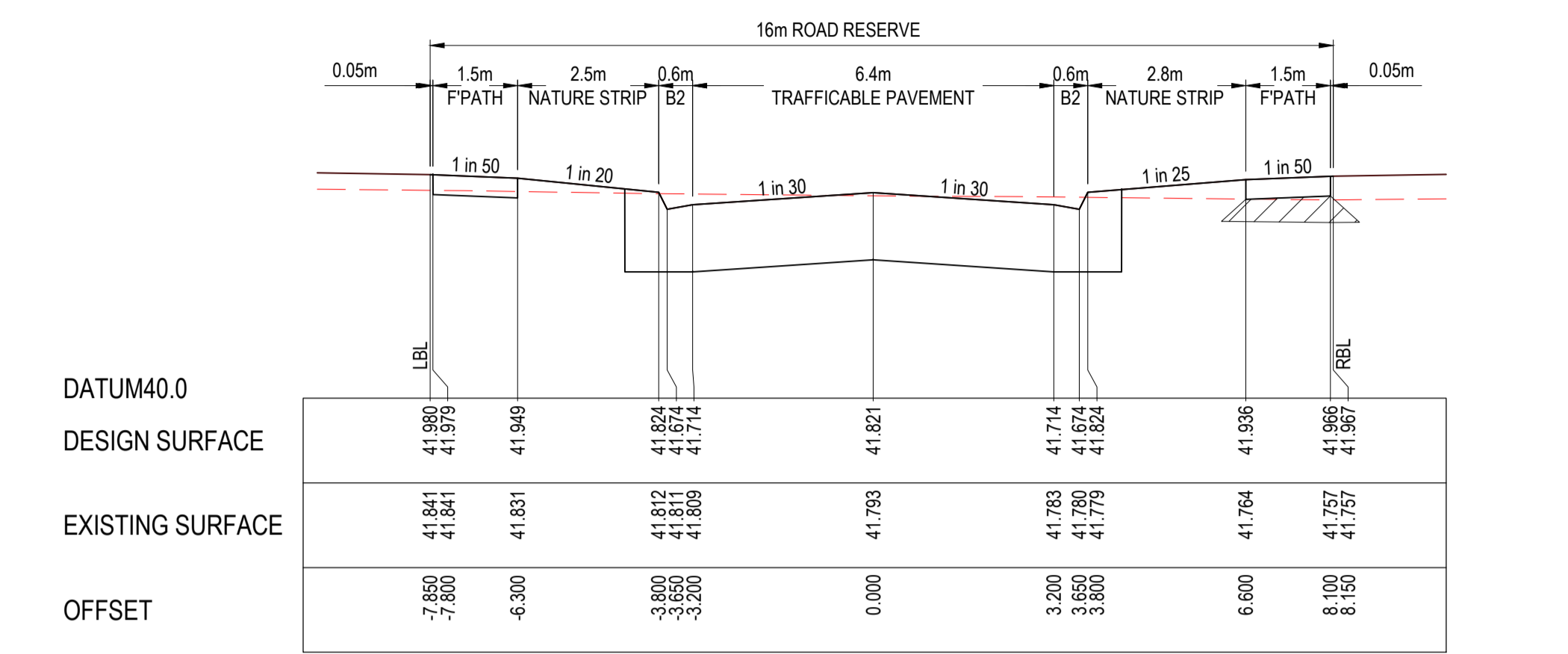


LTPCH 191.119

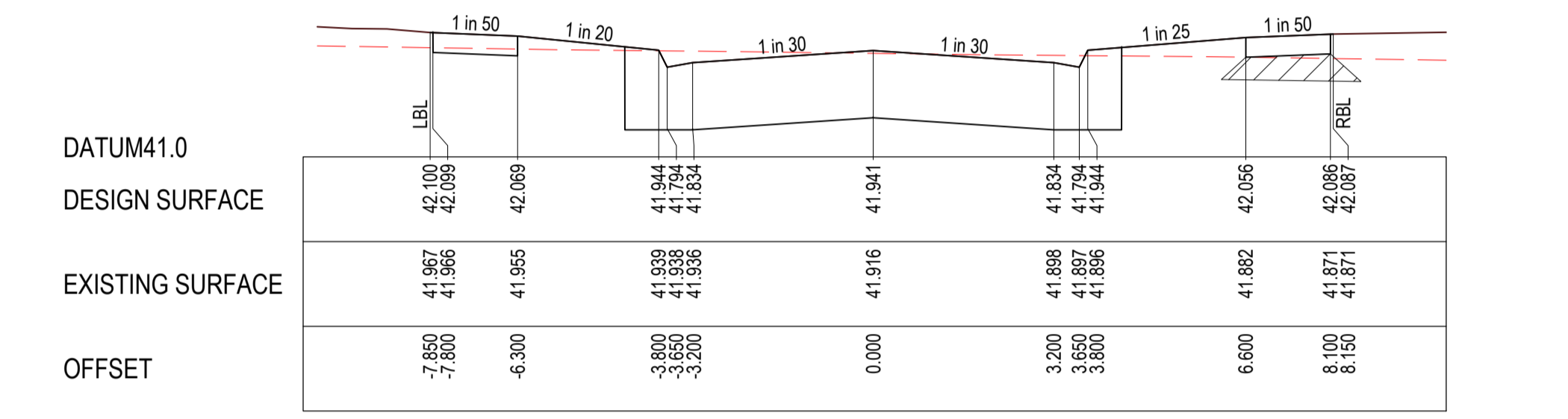


CH 185.318

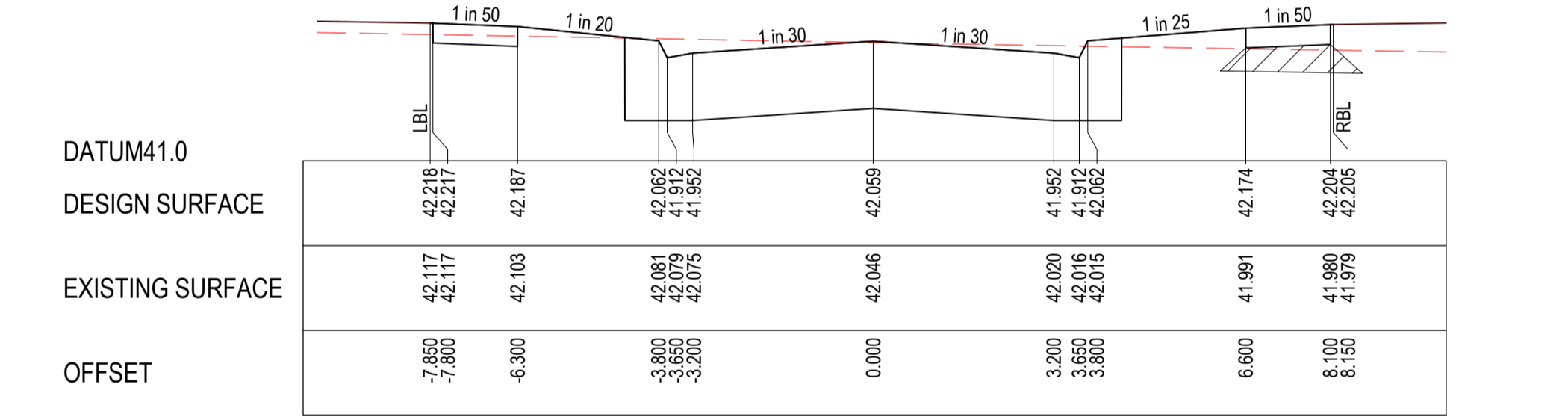
ANDRIA DRIVE SECTION



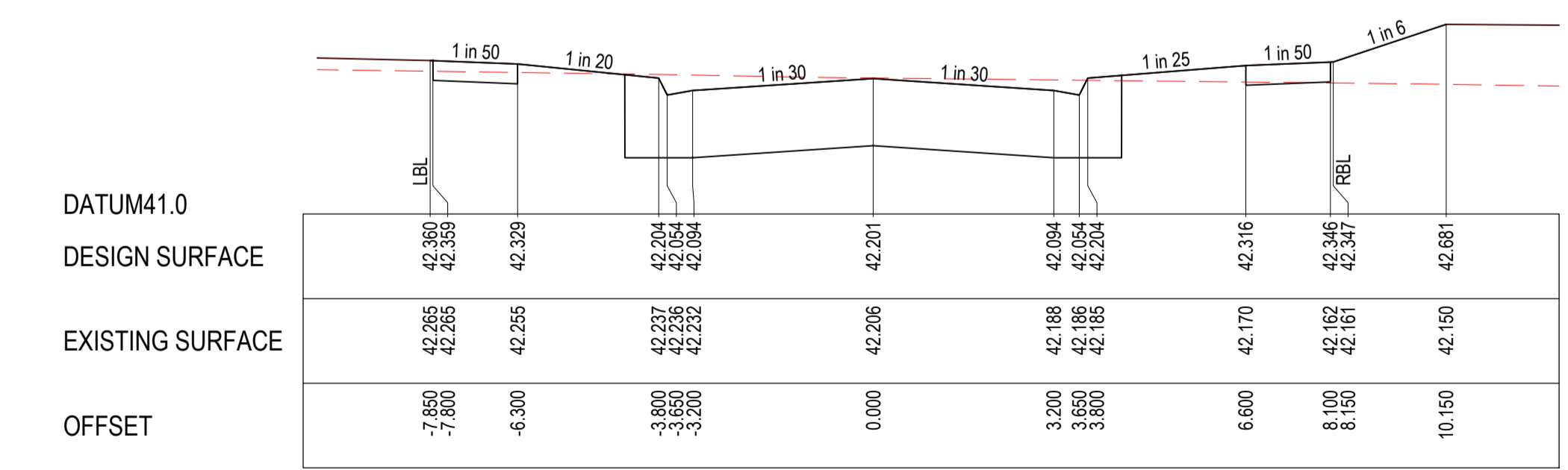
CH 118.100



LTPCH 94.050



LTPCH 70.450



L.O.W CH 42.100

SANTORIA STREET SECTION

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P	A.W	M.T
A	24/01/25	ISSUED FOR APPROVAL	M.P	A.W	M.T

villawood properties
Communities Designed for Living

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

ALAMORA Jarneit

**ALAMORA - STAGE 17
ROAD CROSS SECTIONS - 2
ANDRIA DRIVE & SANTORIA STREET**

ISSUED FOR CONSTRUCTION
SCALE @ A1: 1:100 (H) 1:50 (V)

DESIGNED	M.PLANT	PROJECT ENGINEER	A.WALE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.17	DRAWING No.	R501
REVISION			0

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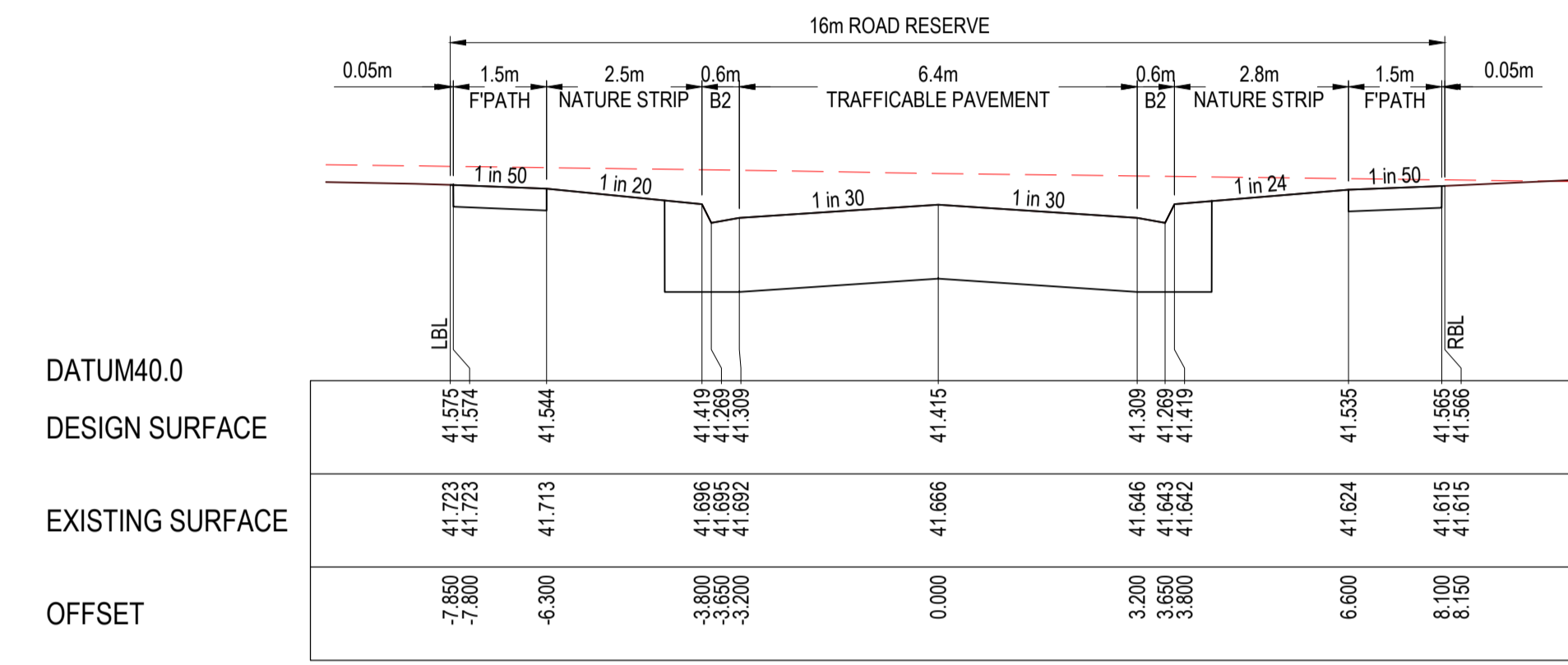
LEGEND

- EXISTING SURFACE
- DESIGN LINE
- ▨ SELECT STRUCTURAL FILL

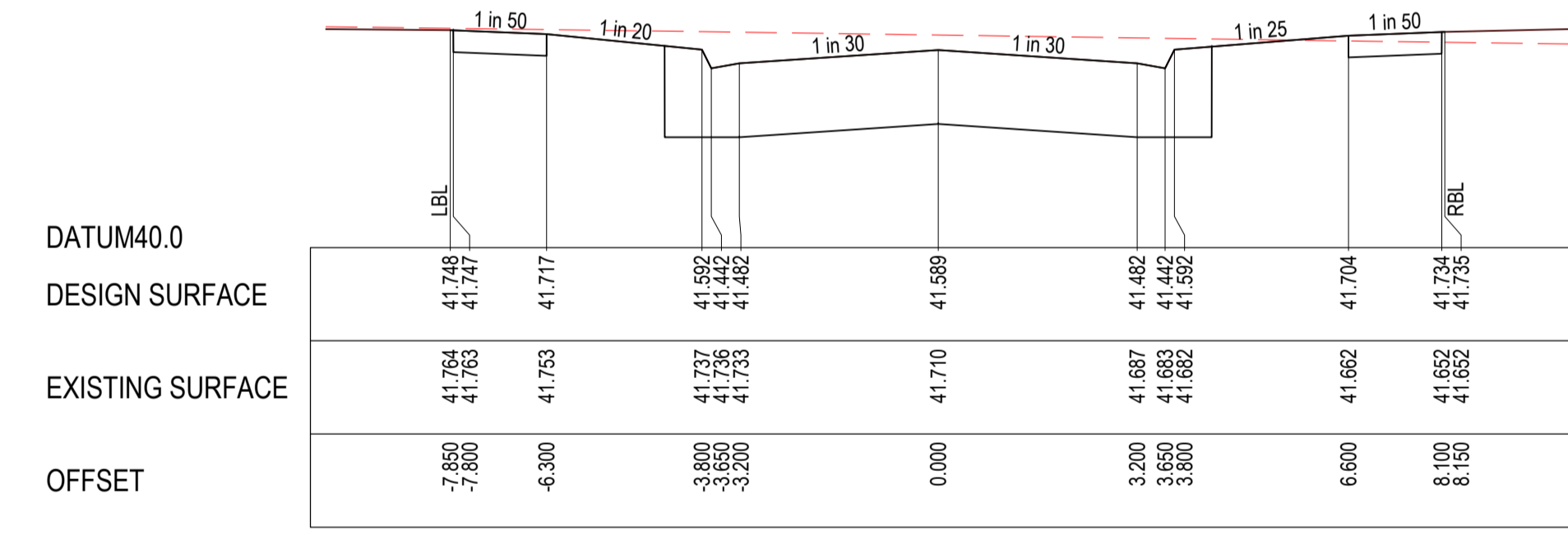
NOTE:
CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

NOTE:
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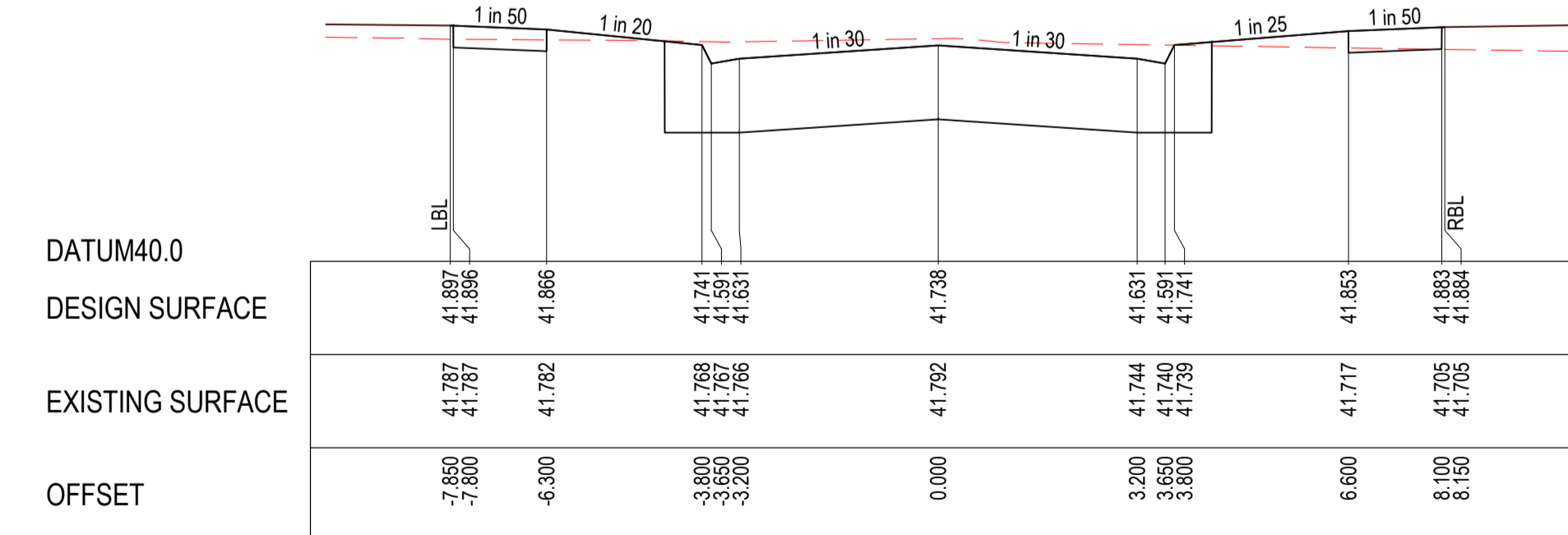
WARNING
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www.1100.com.au



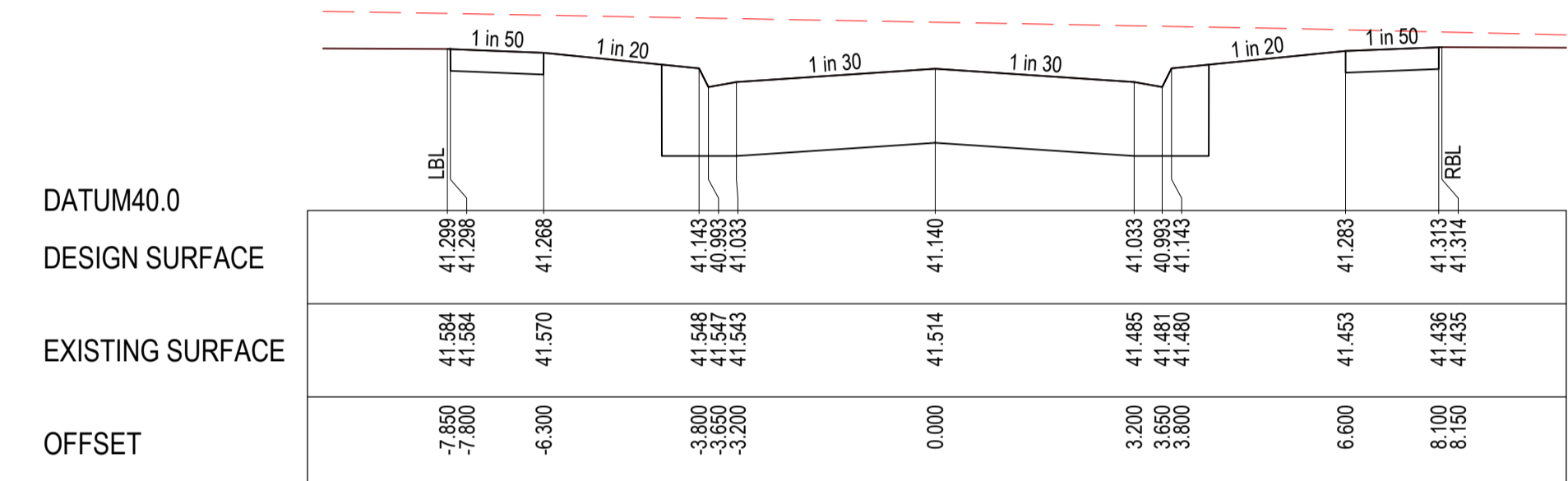
TPCH 173.097



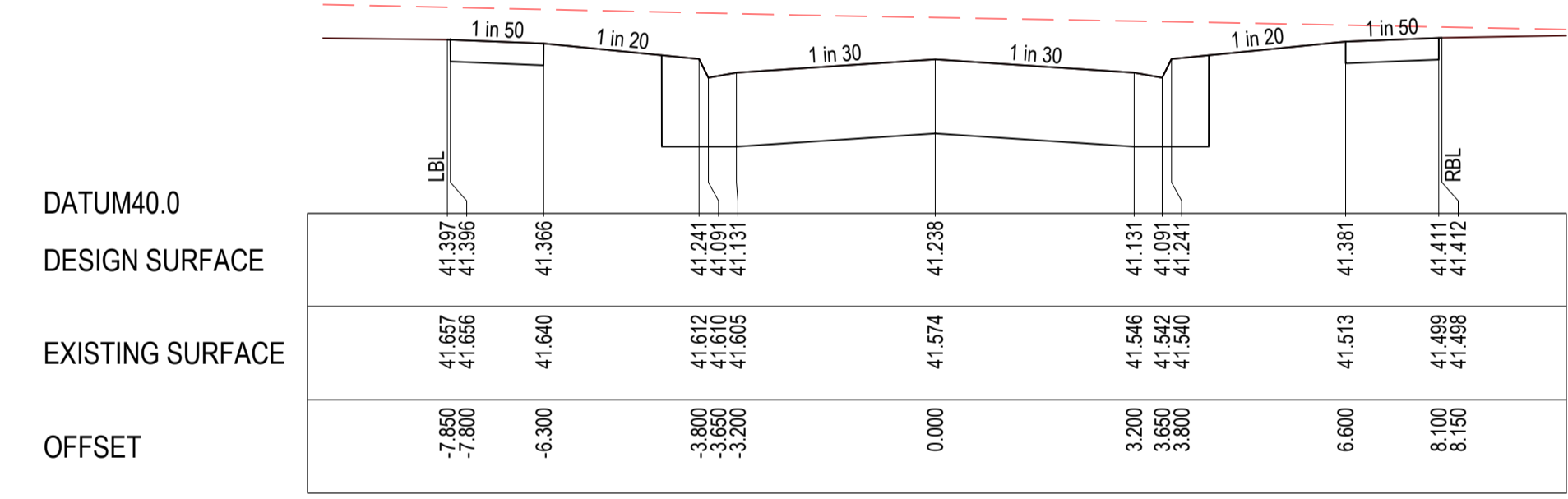
TPCH 148.971



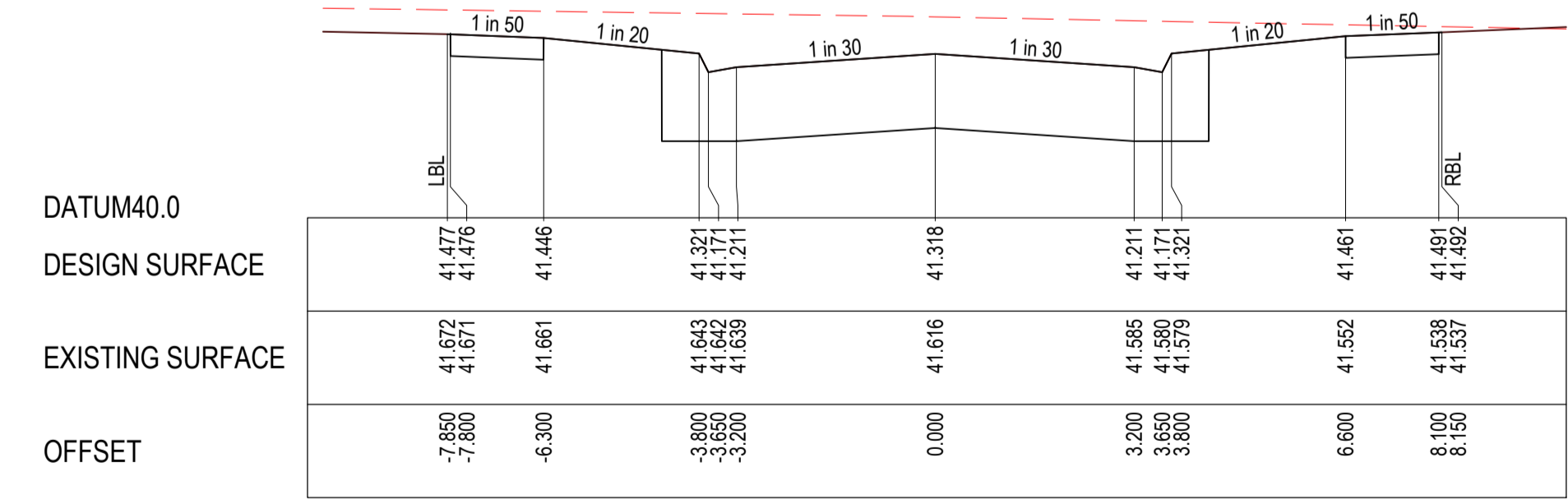
CH 134.100



TPCH 228.228



CH 208.659



CH 192.659

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P	A.W	M.T
A	24/01/25	ISSUED FOR APPROVAL	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 17
ROAD CROSS SECTIONS - 3
SANTORIA STREET

ISSUED FOR CONSTRUCTION
SCALE @ A1: 1:100 (H) 1:50 (V)

DESIGNED	PROJECT ENGINEER	
M.PLANT	A.WALE	
DRAWN	PROJECT MANAGER	
M.PLANT	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.17	R502	0

P:\2025\20282 - ALAMORA - TARNAIT\20282 - TPCH\2 - DRAFTING\ROAD & DRAINAGE\20282.17 - R500 - ROAD CROSS SECTIONS.DWG

LEGEND

- EXISTING SURFACE
- DESIGN LINE
- ▨ SELECT STRUCTURAL FILL

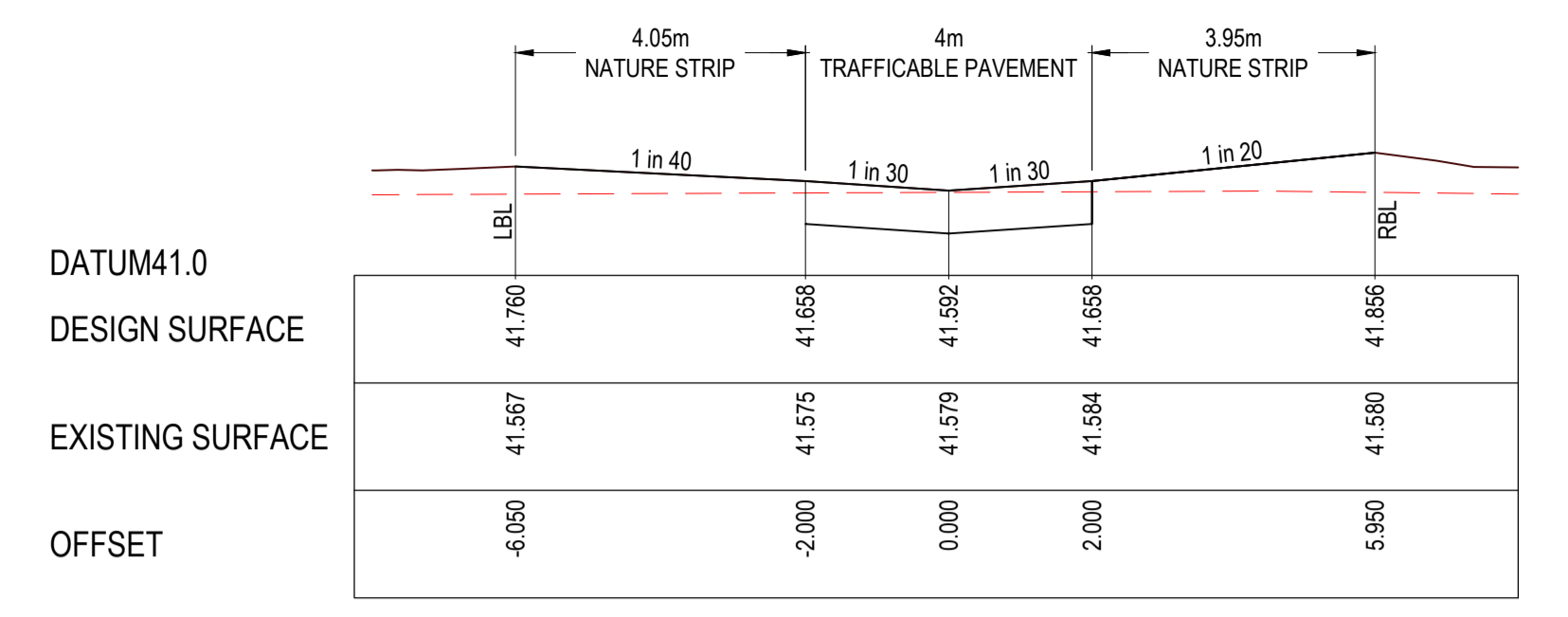
NOTE:
CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

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

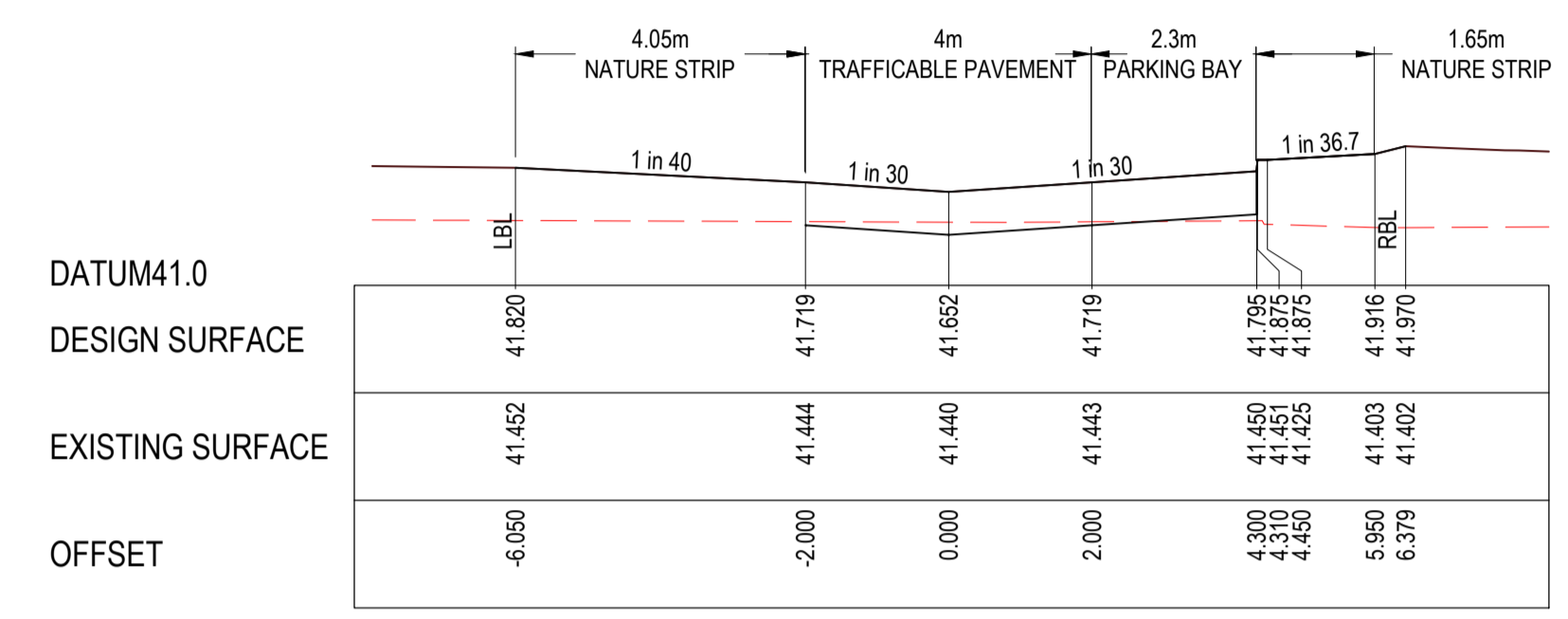
WARNING
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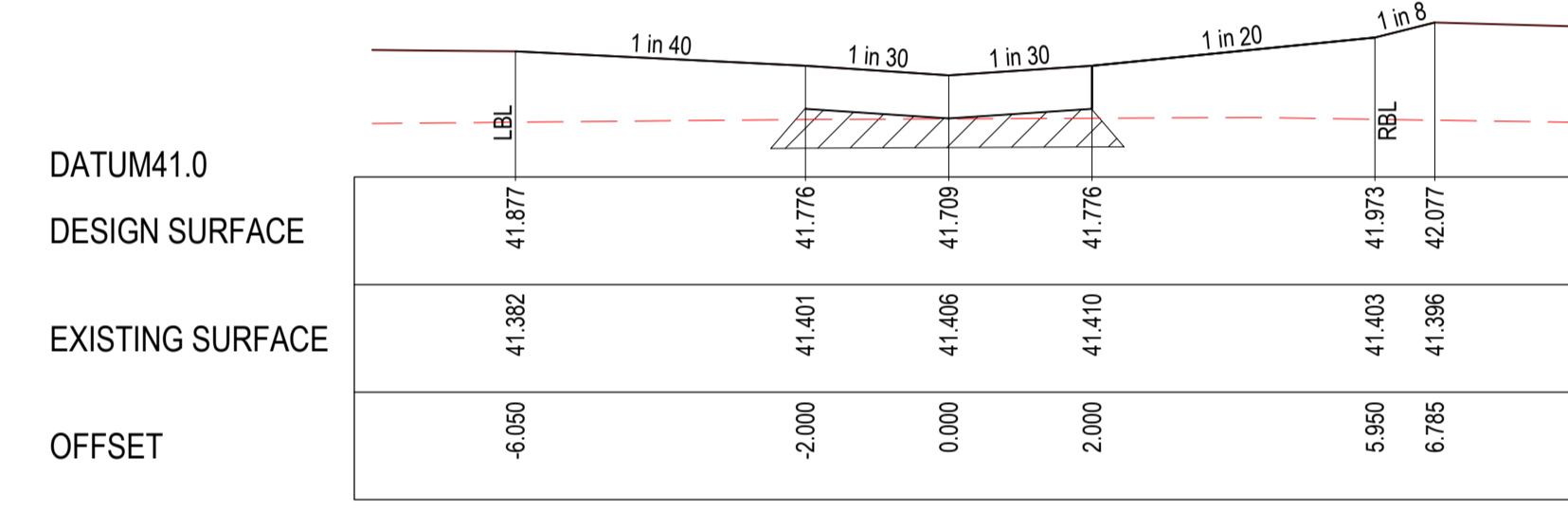
DIAL 1100 BEFORE YOU DIG
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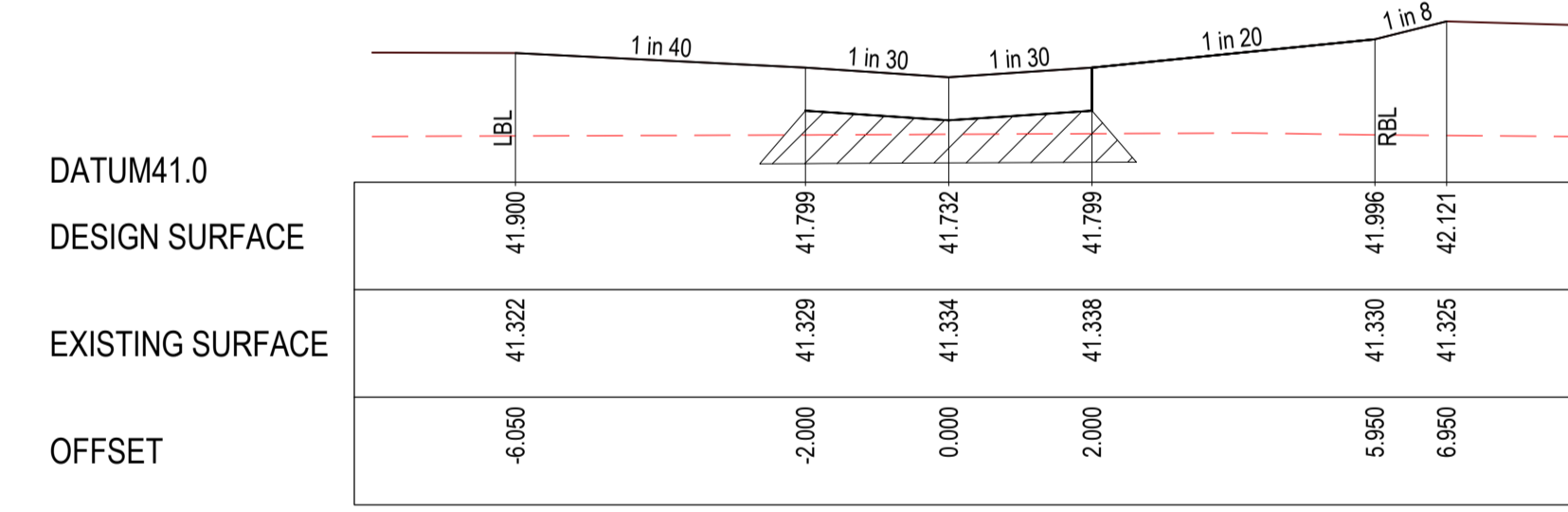
CH 42.000



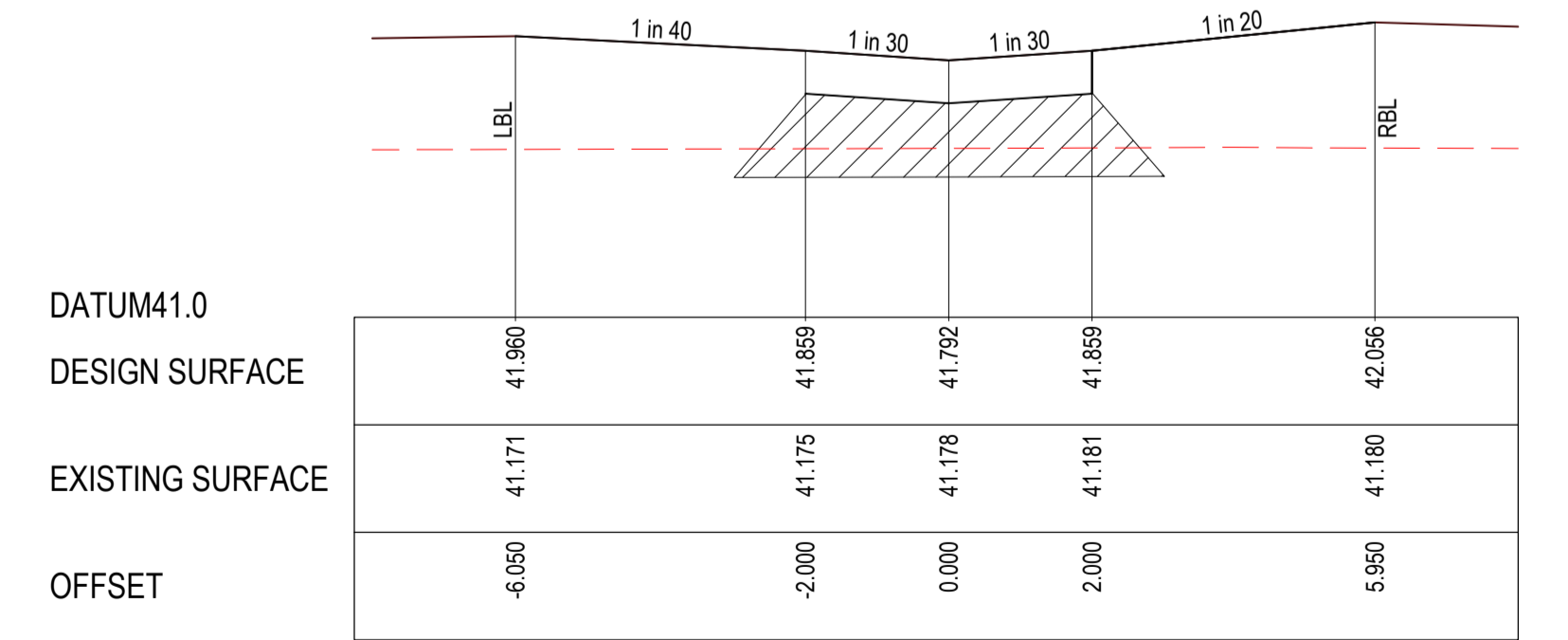
CH 30.000



CH 18.611



CH 14.000



CH 2.000

P:\2020\20282 - ALAMORA - TARNIT\10002 - CIVIL\2 - DRAFTING\AC\ROAD & DRAINAGE\20282_17 - R500 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P.	A.W.	M.T.
B	19/02/25	COUNCIL COMMENTS	M.P.	A.W.	M.T.
A	24/01/25	ISSUED FOR APPROVAL	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 17
ROAD CROSS SECTIONS - 5
TISTA CLOSE**

STATUS

ISSUED FOR CONSTRUCTION

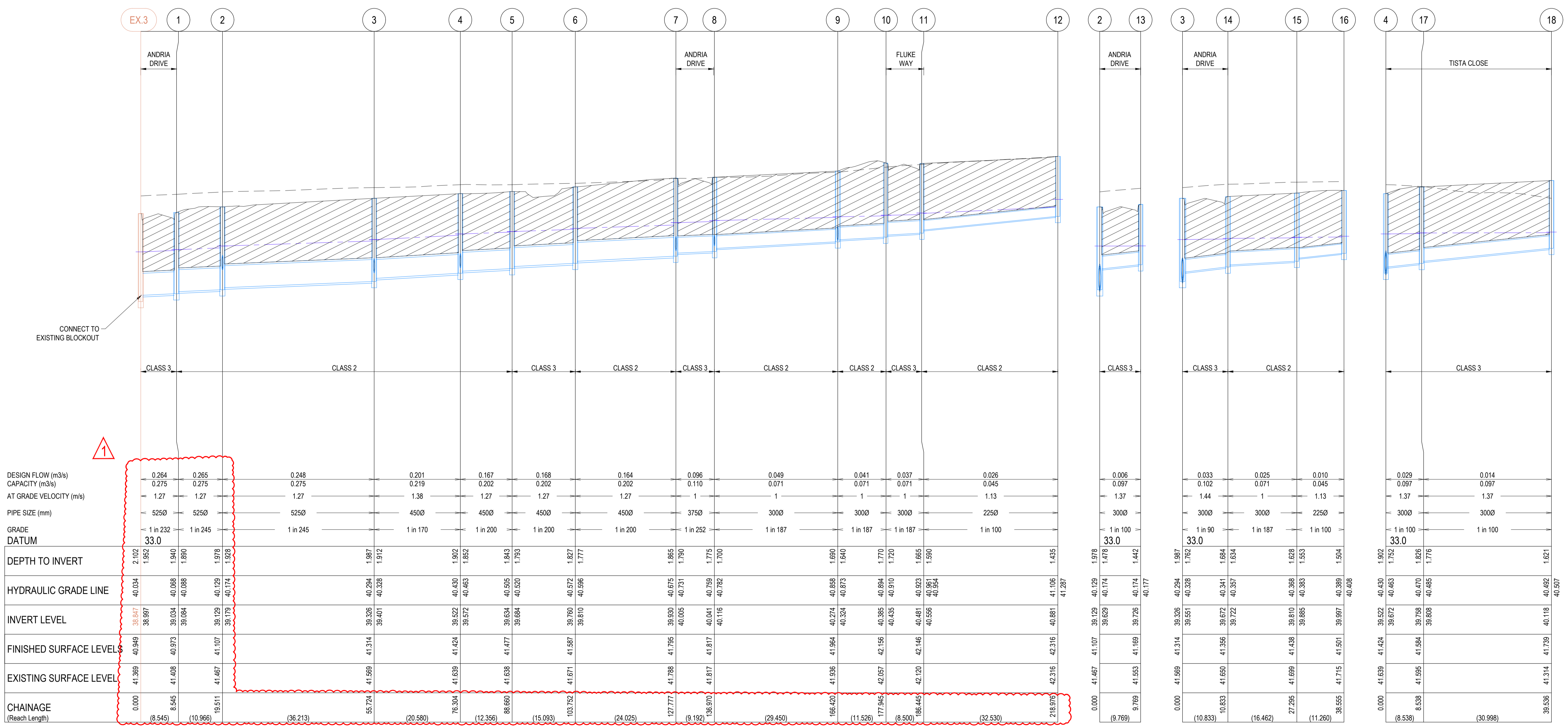
SCALE @ A1: 1:100 (H) 1:50 (V)

DESIGNED	M.PLANT	PROJECT ENGINEER	A.WALE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.17	DRAWING No.	R504
		REVISION	0

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

LEGEND

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



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

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
1	18/04/25	STAGE 18 DRAINAGE OUTFALL AMENDED	M.P.	A.W.	M.T.
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P.	A.W.	M.T.
B	19/02/25	COUNCIL COMMENTS	M.P.	A.W.	M.T.
A	24/01/25	ISSUED FOR APPROVAL	M.P.	A.W.	M.T.

CLIENT

Communities Designed for Living

CREO CIVIL

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

PROJECT

ALAMORA - STAGE 17
DRAINAGE LONG SECTIONS - 1

DRAWING TITLE

ALAMORA - STAGE 17
DRAINAGE LONG SECTIONS - 1

STATUS

ISSUED FOR CONSTRUCTION

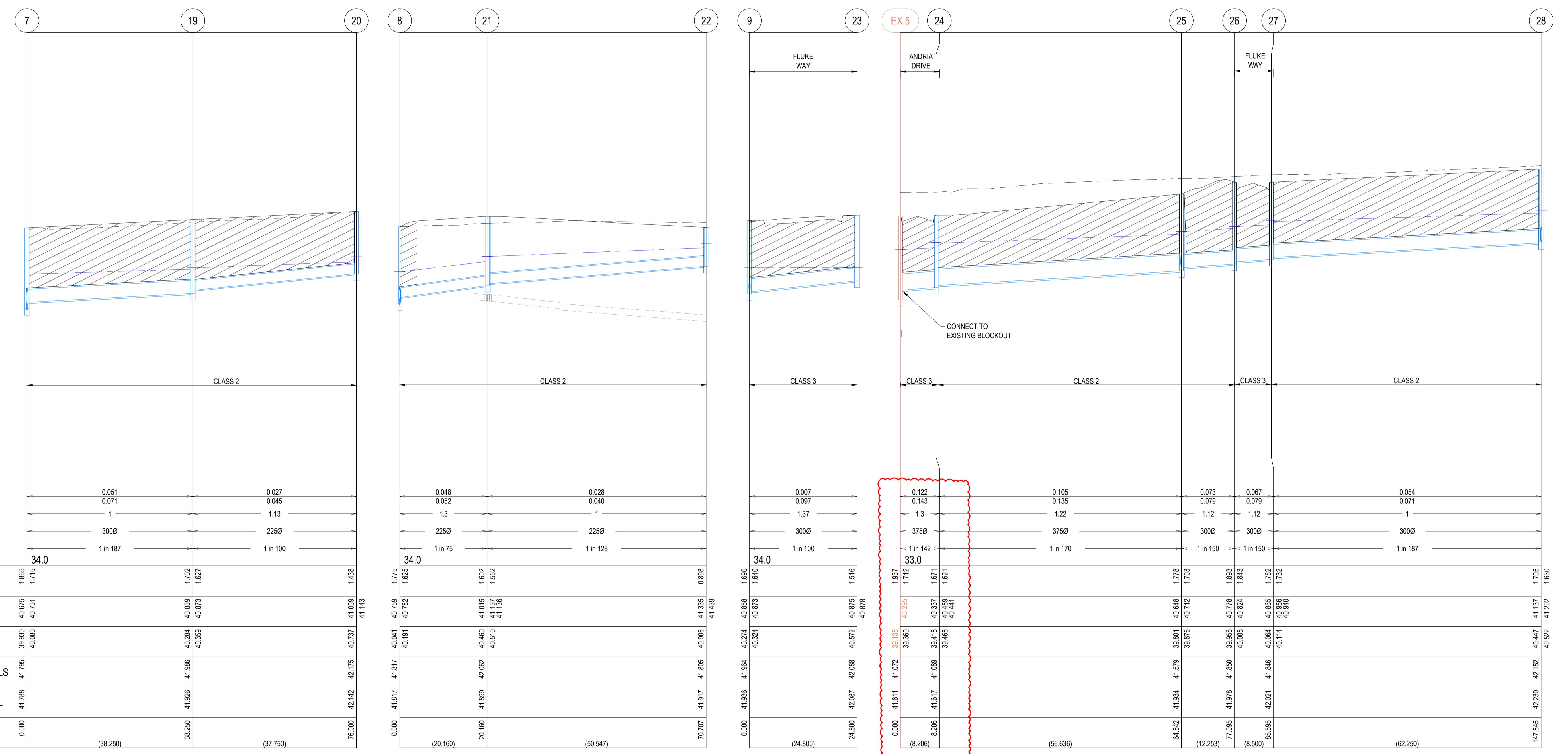
SCALE @ A1: 1:500 (H) 1:50 (V)

DESIGNED	M.PLANT	PROJECT ENGINEER	A.WALE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.17	DRAWING No.	R600
REVISION	1		

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LEGEND

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



DESIGN FLOW (m ³ /s)	CAPACITY (m ³ /s)	AT GRADE VELOCITY (m/s)	PIPE SIZE (mm)	GRADE DATUM
0.051	0.071	1	3000	34.0
0.027	0.045	1.13	2250	1 in 100
0.048	0.052	1.3	2250	34.0
0.028	0.040	1	2250	1 in 75
0.007	0.097	1.37	3000	34.0
0.122	0.143	1.3	3750	33.0
0.105	0.135	1.22	3750	1 in 142
0.073	0.079	1.12	3000	1 in 170
0.067	0.079	1.12	3000	1 in 150
0.054	0.071	1	3000	1 in 150
0.054	0.071	1	3000	1 in 187

DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	FINISHED SURFACE LEVELS	EXISTING SURFACE LEVEL	CHAINAGE (Reach Length)
1.865	40.675	39.830	41.795	41.788	0.000
1.715	40.731	40.080	41.795	41.788	(38.250)
1.702	40.839	40.284	41.986	41.926	38.250
1.627	40.873	40.359	41.986	41.926	(37.750)
1.438	41.009	40.737	42.175	42.142	76.000
1.438	41.143	41.009	42.175	42.142	(75.500)
1.775	40.759	40.041	41.817	41.817	0.000
1.623	40.782	40.191	41.817	41.817	(20.160)
1.602	41.015	40.460	42.062	41.889	20.160
1.552	41.137	40.510	42.062	41.889	(50.547)
1.890	40.658	40.274	41.964	41.936	0.000
1.640	40.873	40.324	41.964	41.936	(24.800)
1.516	40.875	40.572	42.088	42.087	24.800
1.516	40.878	40.572	42.088	42.087	(56.636)
1.937	40.295	39.360	41.072	41.611	0.000
1.712	40.337	39.418	41.089	41.617	(8.206)
1.671	40.337	39.468	41.089	41.617	(8.206)
1.621	40.441	39.468	41.089	41.617	(8.206)
1.778	40.648	39.801	41.579	41.934	64.842
1.703	40.712	39.876	41.579	41.934	(12.253)
1.893	40.778	39.668	41.850	41.978	77.095
1.643	40.824	40.008	41.850	41.978	(8.500)
1.782	40.885	40.064	41.846	42.021	85.595
1.732	40.940	40.114	41.846	42.021	(8.500)
1.705	41.137	40.447	42.52	42.230	147.845
1.630	41.202	40.522	42.52	42.230	(62.250)

P:\2020\20282 - ALAMORA - STAGE 17 - R600 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
1	18/04/25	STAGE 18 DRAINAGE OUTFALL AMENDED	M.P	A.W	M.T
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P	A.W	M.T
B	19/02/25	COUNCIL COMMENTS	M.P	A.W	M.T
A	24/01/25	ISSUED FOR APPROVAL	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 17
DRAINAGE LONG SECTIONS - 2

STATUS

ISSUED FOR CONSTRUCTION

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

DESIGNED

M.PLANT

PROJECT ENGINEER

A.WALE

DRAWN

M.PLANT

PROJECT MANAGER

M.TROUNCE

PROJECT No.

200282.17

DRAWING No.

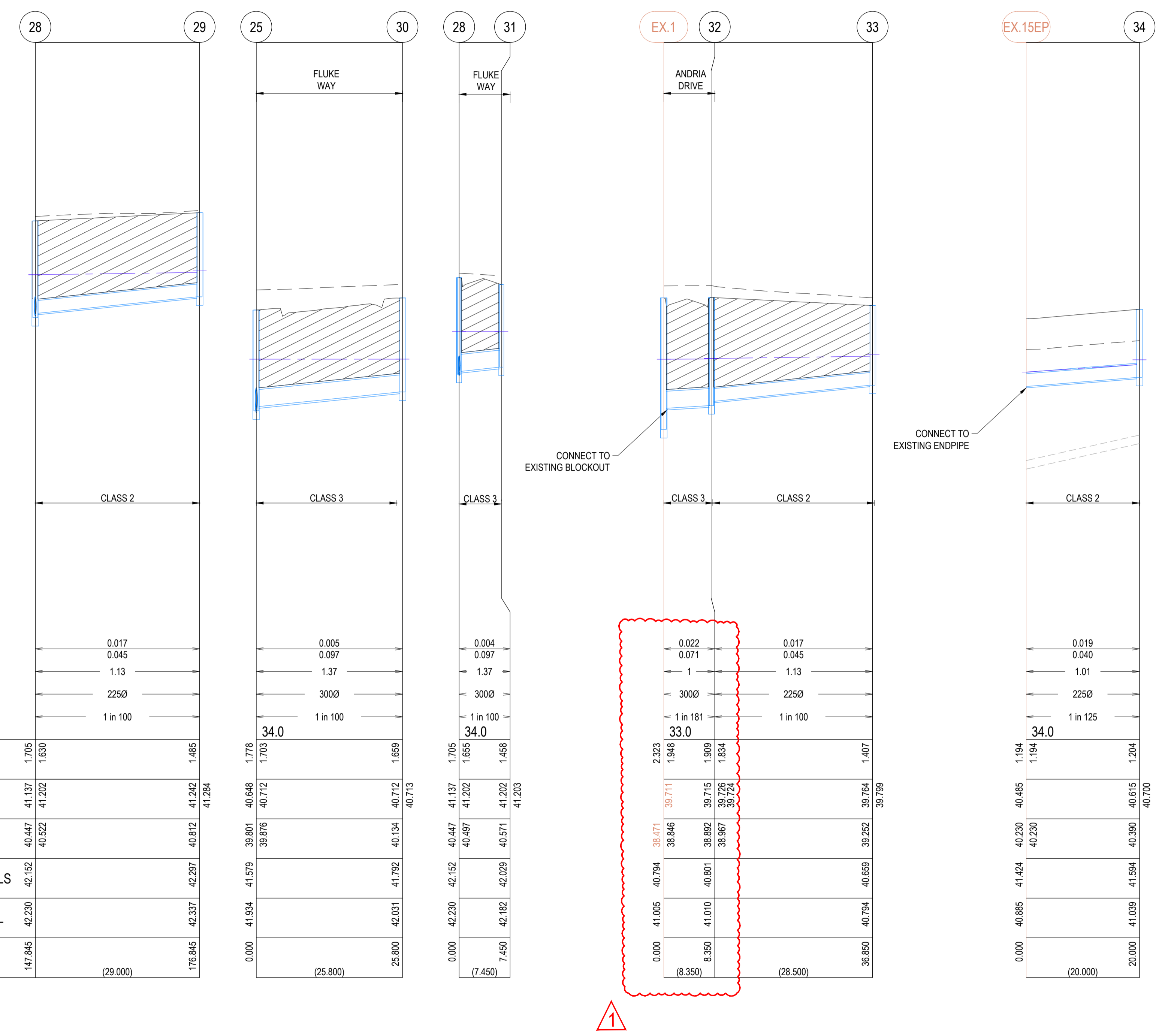
R601

REVISION

1

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

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



P:\2020\20282- ALAMORA_TOWNSET\20282-17-R600-DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
1	18/04/25	STAGE 18 DRAINAGE OUTFALL AMENDED	M.P	A.W	M.T
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P	A.W	M.T
B	19/02/25	COUNCIL COMMENTS	M.P	A.W	M.T
A	24/01/25	ISSUED FOR APPROVAL	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 17
DRAINAGE LONG SECTIONS - 3

STATUS

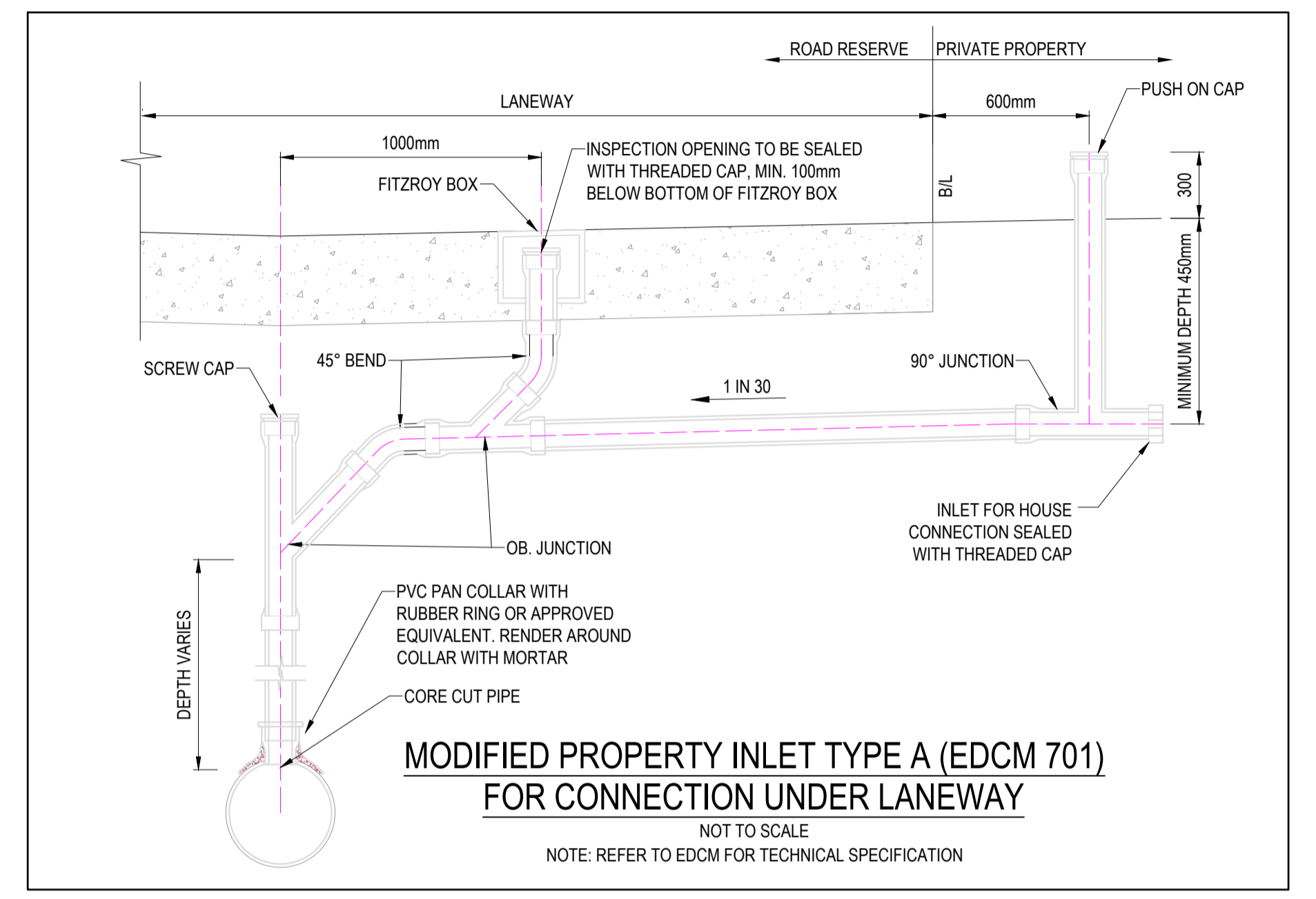
ISSUED FOR CONSTRUCTION

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

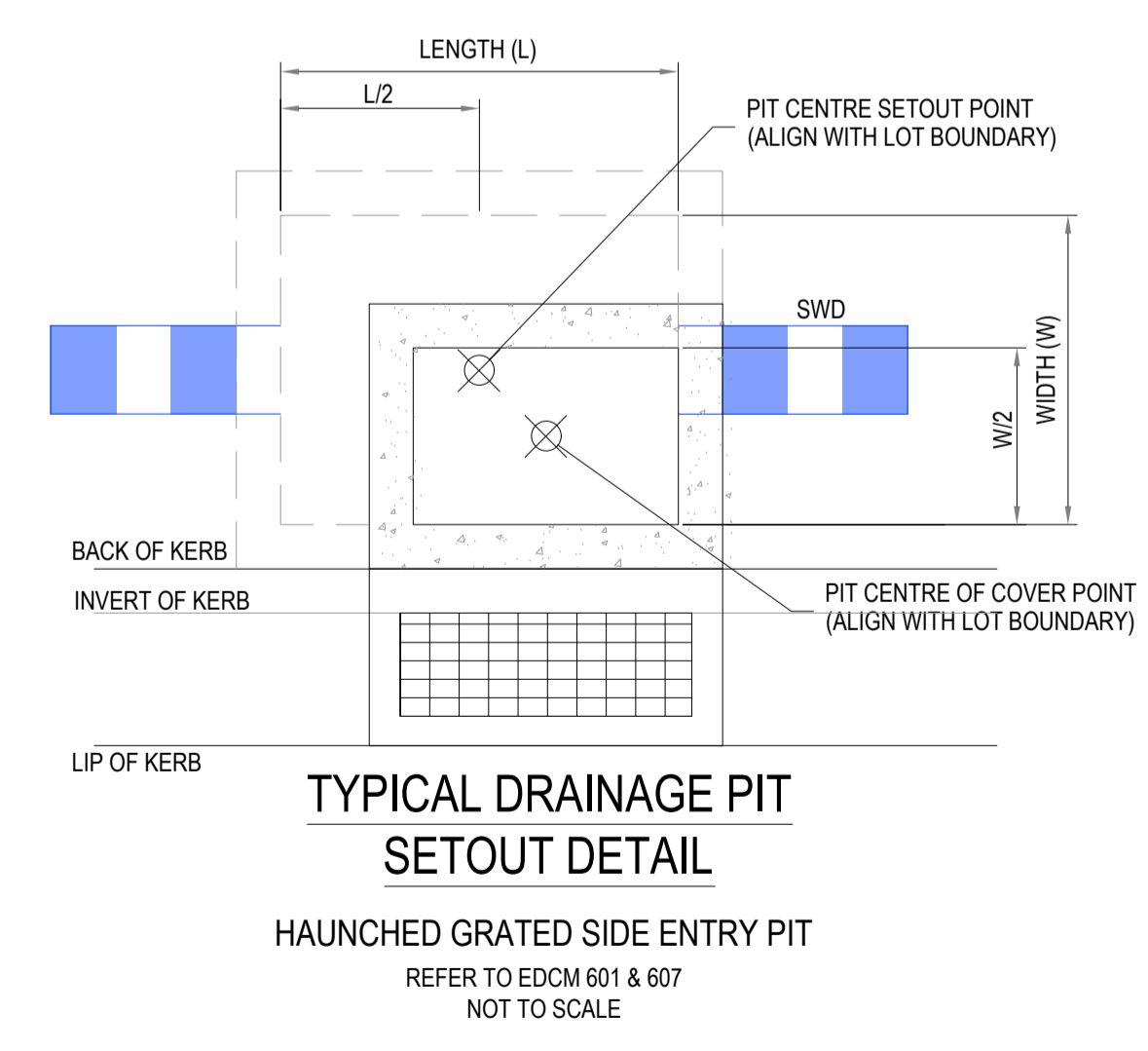
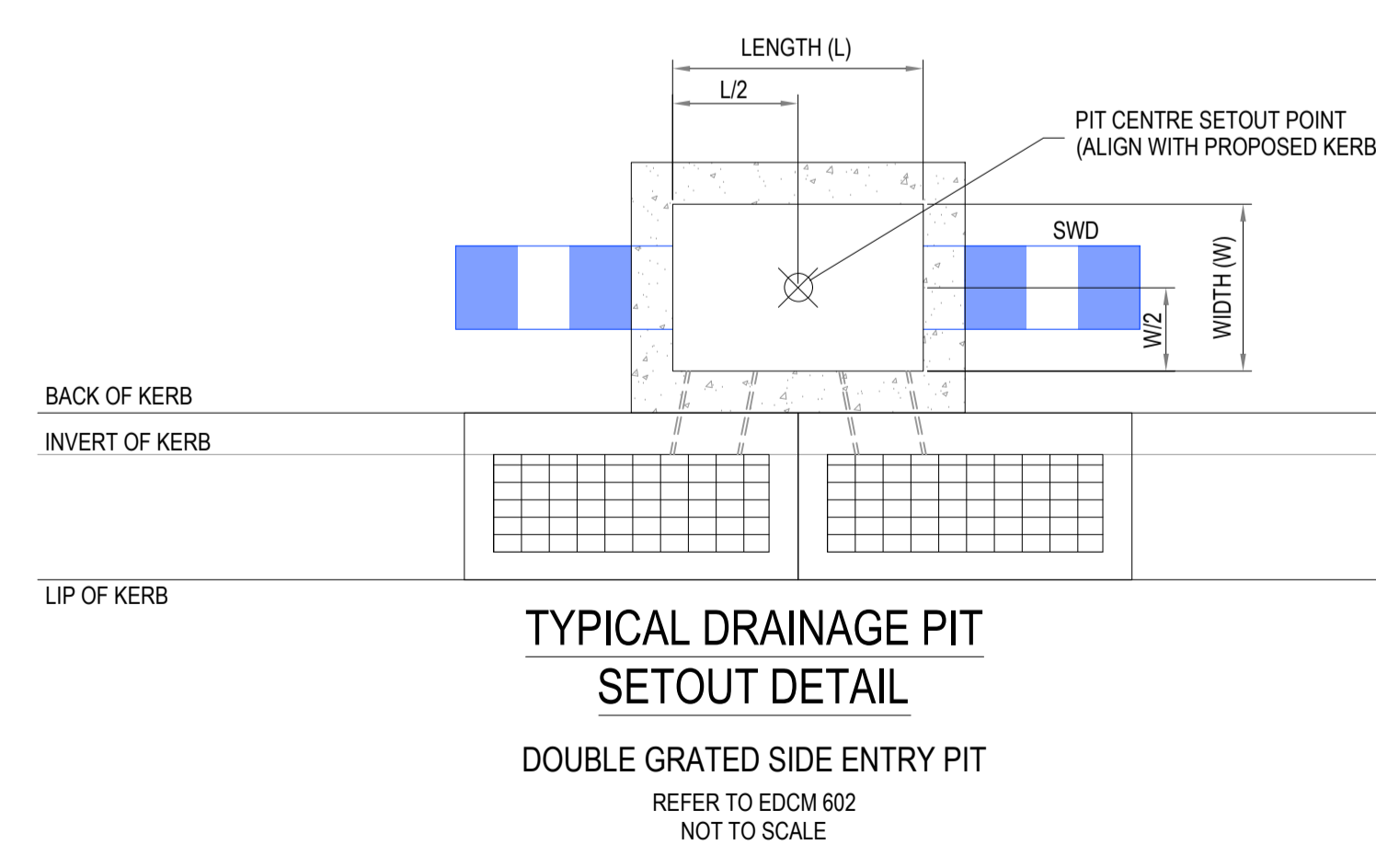
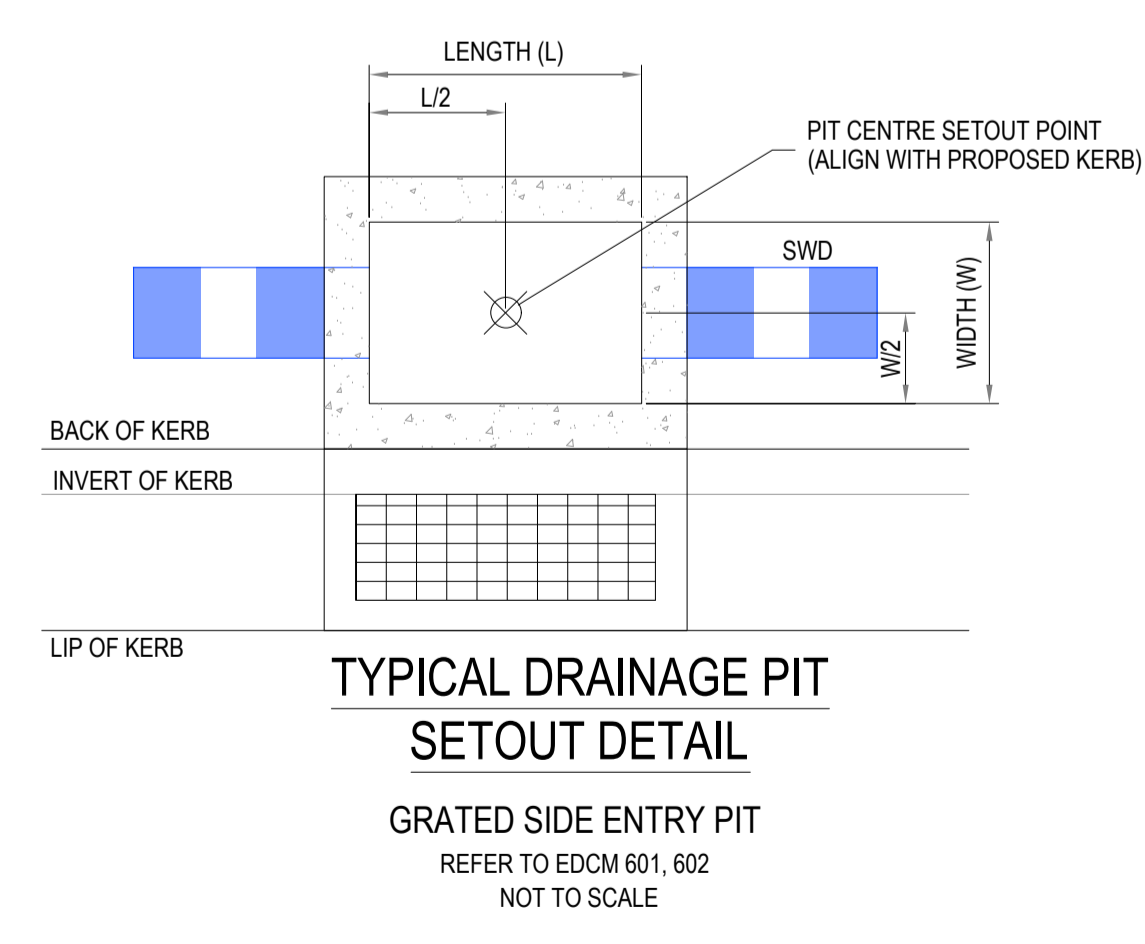
DESIGNED	M.PLANT	PROJECT ENGINEER	A.WALE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.17	DRAWING No.	R602
		REVISION	1

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.3	Ex.JUNCTION PIT	900	900	525	38.997			40.949	2.102		CONNECT TO EXISTING BLOCKOUT
1	JUNCTION PIT	900	900	525	39.084	525	39.034	40.973	1.94	EDCM 607	HAUNCHED TO 600x900 COVER**.
2	GRADED SIDE ENTRY PIT	900	900	525	39.179	525	39.129	41.107	1.978	EDCM 601 & 607	HAUNCHED TO 600x900 COVER.
				300	39.629						
3	JUNCTION PIT	900	900	450	39.401	525	39.326	41.314	1.987	EDCM 607	HAUNCHED TO 600x900 COVER**.
				300	39.551						
4	JUNCTION PIT	600	900	450	39.572	450	39.522	41.424	1.902	EDCM 605	
				300	39.672						
5	JUNCTION PIT	600	900	450	39.684	450	39.634	41.477	1.843	EDCM 605	
6	GRADED SIDE ENTRY PIT	600	900	450	39.81	450	39.76	41.587	1.827	EDCM 601	
7	JUNCTION PIT	600	900	375	40.005	450	39.93	41.795	1.865	EDCM 605	
				300	40.08						
8	JUNCTION PIT	600	900	300	40.116	375	40.041	41.817	1.775	EDCM 605	
				225	40.191						
9	GRADED SIDE ENTRY PIT	600	900	300	40.324	300	40.274	41.964	1.69	EDCM 601	
				300	40.324						
10	GRADED SIDE ENTRY PIT	600	900	300	40.435	300	40.385	42.156	1.77	EDCM 601	
11	GRADED SIDE ENTRY PIT	600	900	225	40.556	300	40.481	42.146	1.665	EDCM 601	
12	JUNCTION PIT	600	900			225	40.881	42.316	1.435	EDCM 605	
13	GRADED SIDE ENTRY PIT	600	900			300	39.726	41.169	1.442	EDCM 601	
14	JUNCTION PIT	600	900	300	39.722	300	39.672	41.356	1.684	EDCM 605	
15	GRADED SIDE ENTRY PIT	600	900	225	39.885	300	39.81	41.438	1.628	EDCM 601	
16	JUNCTION PIT	600	900			225	39.997	41.501	1.504	EDCM 605	
17	GRADED PIT	600	900	300	39.808	300	39.758	41.584	1.826	EDCM 605	SUPPLY CLASS D BIKE SAFE GALVANISED GRATING COVER
18	GRADED PIT	600	900	300	39.808	300	39.758	41.584	1.826	EDCM 605	SUPPLY CLASS D BIKE SAFE GALVANISED GRATING COVER
19	GRADED SIDE ENTRY PIT	600	900	225	40.359	300	40.284	41.986	1.702	EDCM 601	
20	JUNCTION PIT	600	900			225	40.737	42.175	1.438	EDCM 605	
21	JUNCTION PIT	600	900	225	40.51	225	40.46	42.062	1.602	EDCM 605	
22	JUNCTION PIT	600	900			225	40.906	41.805	0.898	EDCM 605	
23	DOUBLE GRADED SIDE ENTRY PIT	600	900			300	40.572	42.088	1.516	EDCM 602	
Ex.5	Ex.JUNCTION PIT	900	900	375	39.36			41.072	1.937		CONNECT TO EXISTING BLOCKOUT. CONVERT EXISTING JUNCTION PIT TO GRADED SIDE ENTRY PIT
24	DOUBLE GRADED SIDE ENTRY PIT	600	900	375	39.468	375	39.418	41.089	1.671	EDCM 602	
25	JUNCTION PIT	600	900	300	39.876	375	39.801	41.579	1.778	EDCM 605	
				300	39.876						
26	GRADED SIDE ENTRY PIT	600	900	300	40.008	300	39.958	41.85	1.893	EDCM 601	
27	GRADED SIDE ENTRY PIT	600	900	300	40.114	300	40.064	41.846	1.782	EDCM 601	
28	GRADED SIDE ENTRY PIT	600	900	225	40.522	300	40.447	42.152	1.705	EDCM 601	
				300	40.497						
29	JUNCTION PIT	600	900			225	40.812	42.297	1.485	EDCM 605	
30	DOUBLE GRADED SIDE ENTRY PIT	600	900			300	40.134	41.792	1.659	EDCM 602	
31	GRADED SIDE ENTRY PIT	600	900			300	40.571	42.029	1.458	EDCM 601	
Ex.1	Ex.JUNCTION PIT	900	900	300	38.846			40.794	2.323		CONNECT TO EXISTING BLOCKOUT. CONVERT EXISTING JUNCTION PIT TO GRADED SIDE ENTRY PIT
32	GRADED SIDE ENTRY PIT	600	900	225	38.967	300	38.892	40.801	1.909	EDCM 601	
33	JUNCTION PIT	600	900			225	39.252	40.659	1.407	EDCM 605	
15EP	ENDPIPE			225	40.23			41.424	1.194		CONNECT TO EXISTING ENDPIPE
34	JUNCTION PIT	600	900			225	40.39	41.594	1.204	EDCM 605	
Ex.7	Ex.JUNCTION PIT	900	900	525	39.44	600	39.365	41.42	2.054		CONNECT TO EXISTING BLOCKOUT. CONVERT EXISTING JUNCTION PIT TO GRADED SIDE ENTRY PIT
Ex.8	Ex.JUNCTION PIT	900	900	525	39.887	525	39.837	41.9	2.063		CONNECT TO EXISTING BLOCKOUT. CONVERT EXISTING JUNCTION PIT TO GRADED SIDE ENTRY PIT
Ex.17	Ex.JUNCTION PIT	600	900	300	40.559	300	40.109	41.921	1.812		CONNECT TO EXISTING BLOCKOUT. CONVERT EXISTING JUNCTION PIT TO GRADED SIDE ENTRY PIT

WARNING
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 www.1100.com.au



- ** - 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
1	18/04/25	STAGE 18 DRAINAGE OUTFALL AMENDED	M.P	A.W	M.T
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P	A.W	M.T
B	19/02/25	COUNCIL COMMENTS	M.P	A.W	M.T
A	24/01/25	ISSUED FOR APPROVAL	M.P	A.W	M.T

villawood
 properties
 Communities Designed for Living

creo
 CIVIL

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

ALAMORA
 Jarneit

DRAWING TITLE
ALAMORA - STAGE 17
PIT SCHEDULE

STATUS
ISSUED FOR CONSTRUCTION

SCALE @ A1:

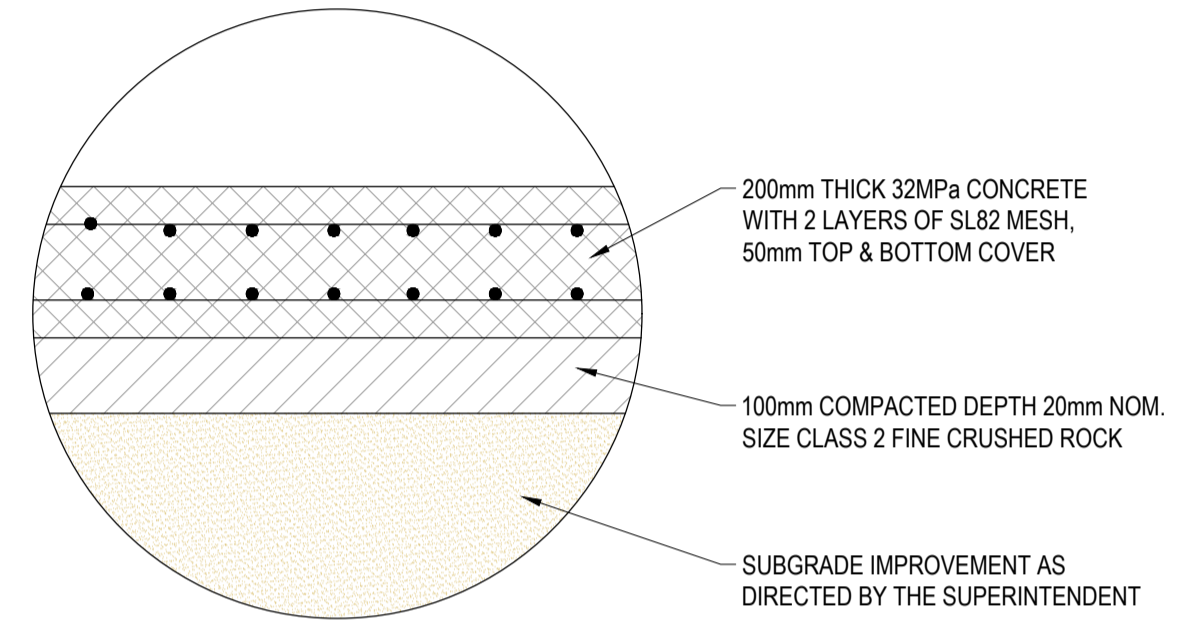
DESIGNED	PROJECT ENGINEER	
M.PLANT	A.WALE	
DRAWN	PROJECT MANAGER	
M.PLANT	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.17	R603	1

P:\2025\20252 - ALAMORA - TARRANT\170022 - PITCH 12 DRAINAGE OUTFALL ROAD & DRAINAGE\20252-17-R600 - 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.

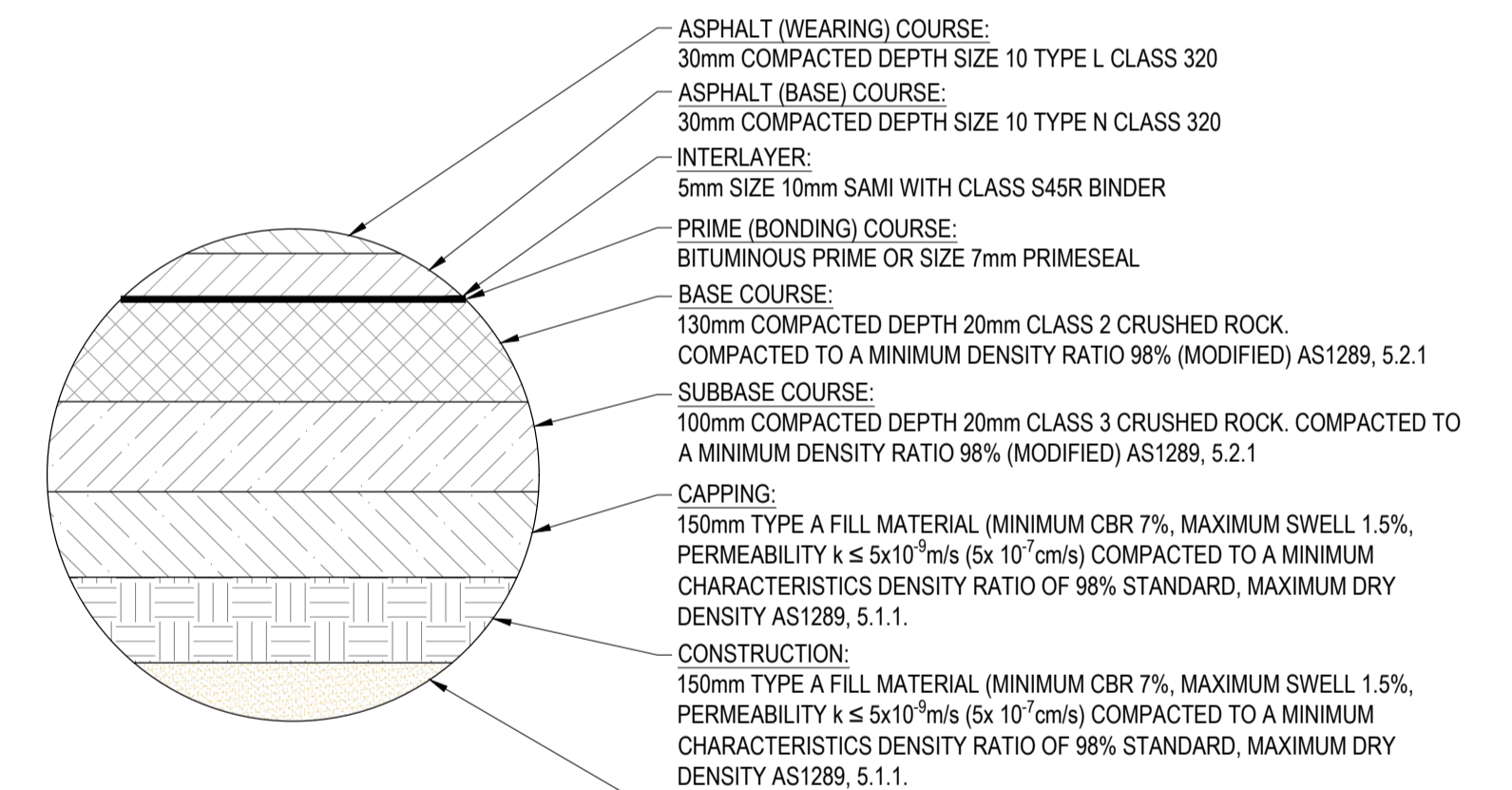
WARNING
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DIAL 1100 BEFORE YOU DIG
 www.1100.com.au

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



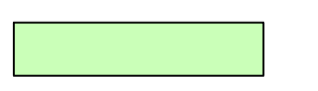
PAVEMENT COMPOSITION

TISTA CLOSE
 300mm DEPTH



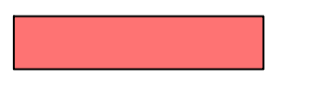
PAVEMENT COMPOSITION

ANDRIA DRIVE, SANTORIA STREET &
 FLUKE WAY
 595mm DEPTH
 NTS



PAVEMENT COMPOSITION

RAISED PAVEMENT
 (REFER R701 FOR DETAILS)



P:\2020\20282 - ALAMORA - TOWNSET\20282 - TOWNSET\DRAWINGS\AC\ROADS & DRAINAGE\20282.17 - R700 - TYPICAL DETAILS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P.	A.W.	M.T.
B	19/02/25	COUNCIL COMMENTS	M.P.	A.W.	M.T.
A	24/01/25	ISSUED FOR APPROVAL	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 17 PAVEMENT PLAN

ISSUED FOR CONSTRUCTION
 SCALE @ A1 : 1:500

DESIGNED	M.PLANT	PROJECT ENGINEER	A.WALE
DRAWN	M.PLANT	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.17	DRAWING No.	R700
REVISION			0



SIGN SCHEDULE

SIGN	REF	QUANTITY
STREET SIGN	1	REFER TABLE
W5-10A W8-2A	2	4No.
R5-35R	3	1No.
R5-35L	4	1No.

STREET SIGN SCHEDULE

SANTORIA STREET	2No.
ANDRIA DRIVE	2No.
FLUKE WAY	2No.
TISTA CLOSE	1No.

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.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P.	A.W.	M.T.
B	19/02/25	COUNCIL COMMENTS	M.P.	A.W.	M.T.
A	24/01/25	ISSUED FOR APPROVAL	M.P.	A.W.	M.T.

CLIENT

Communities Designed for Living

PROJECT

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

DRAWING TITLE

ALAMORA
Tarnait

STATUS

ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:500

DESIGNED

M.PLANT

DRAWN

M.PLANT

PROJECT ENGINEER

A.WALE

PROJECT MANAGER

M.TROUNCE

PROJECT No.

200282.17

DRAWING No.

R800

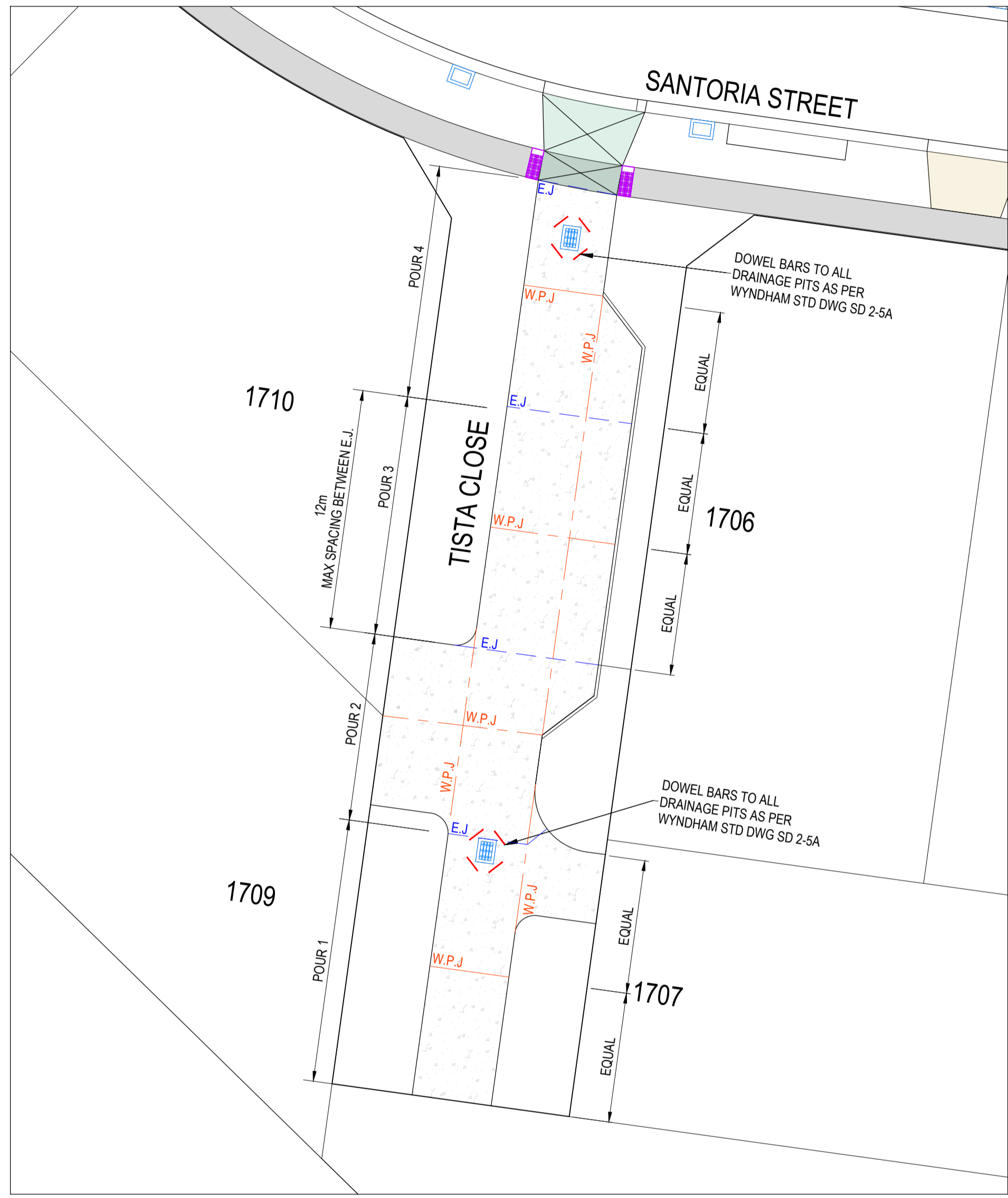
REVISION

0

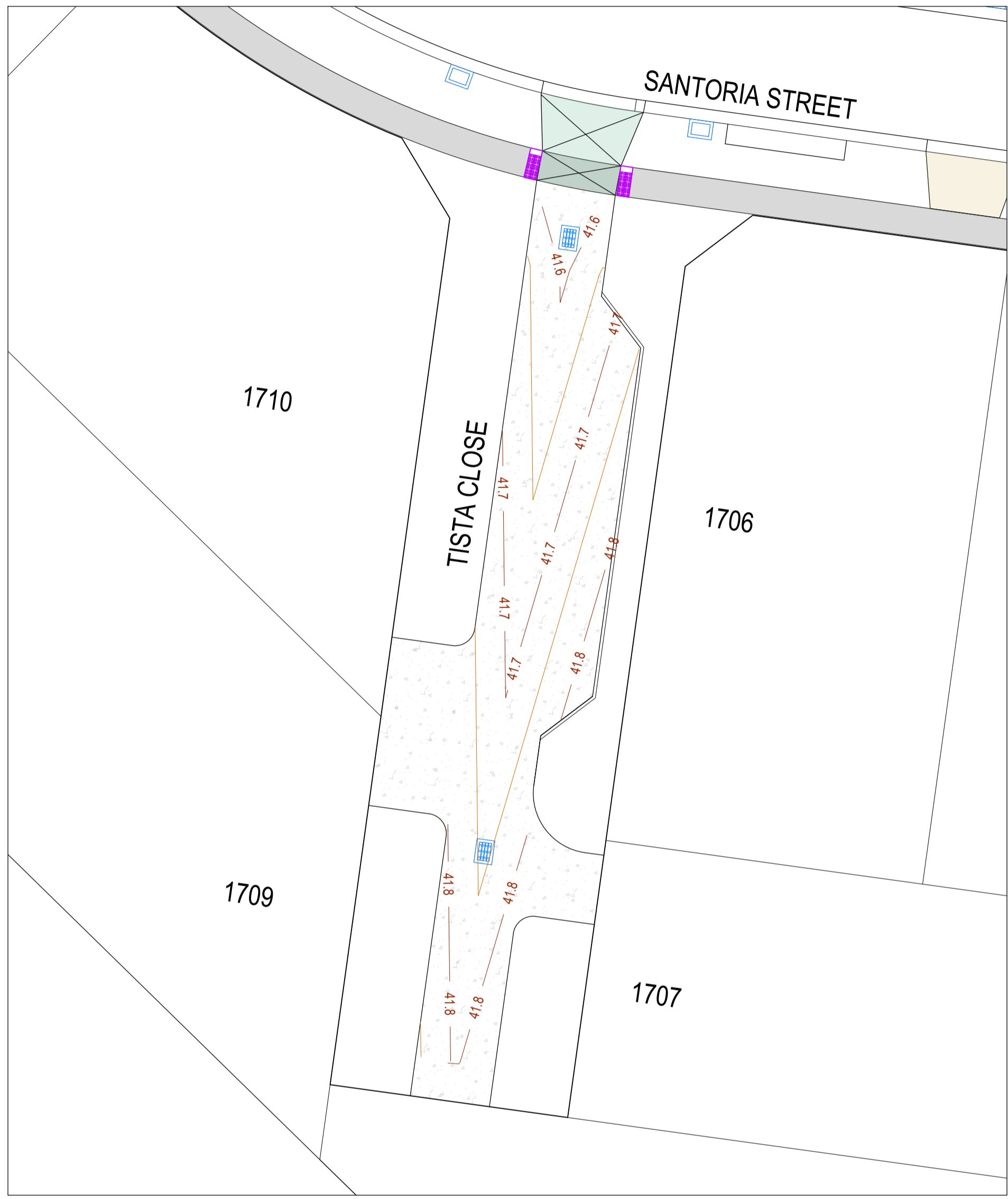
LEGEND - CONCRETE JOINTING PLAN	
	STORMWATER DRAIN, PIT & PROPERTY INLET
	SEWER & MAINTENANCE STRUCTURES
	EXISTING SEWER
	HOUSE DRAIN
	TACTILE PAVERS
	PROPOSED PAVEMENT, KERB & CHANNEL
	FOOTPATH & DRIVEWAY
	PROPOSED PAVEMENT, KERB & CHANNEL
	FOOTPATH (WITH THICKENING) & HEAVY DUTY VEHICLE CROSSING
	MAJOR CONTOUR - (0.10m INTERVALS)
	MINOR CONTOUR - (0.05m INTERVALS)
	EXISTING CONTOUR - 0.05m
	CROWN

CONCRETE JOINT LEGEND	
	I.J. ISOLATION JOINT
	W.P.J. SAWCUT JOINT
	E.J. EXPANSION CONTROL JOINT (12m Max)

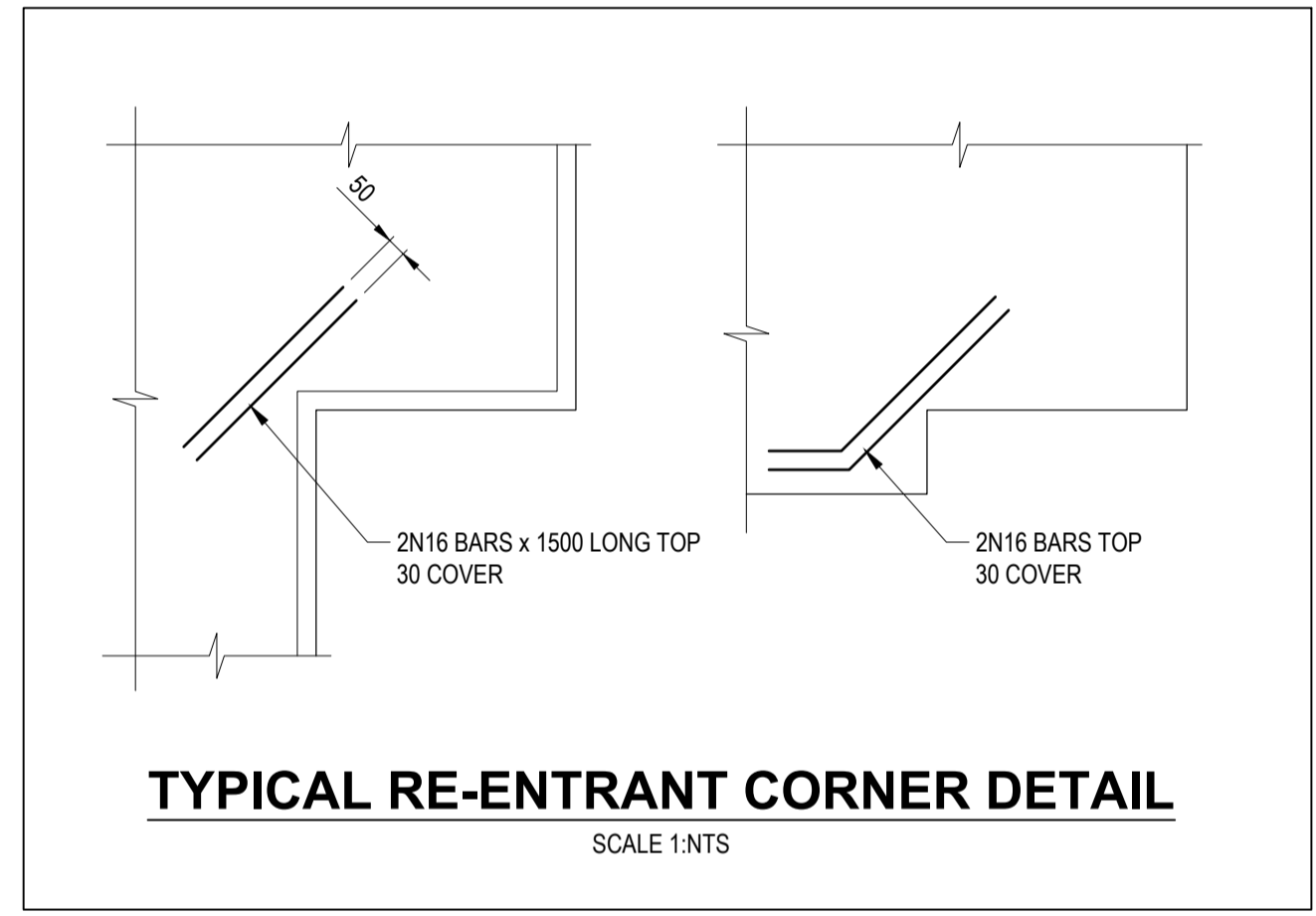
FOR JOINT DETAILS REFER STD DWG EDM 401 & 402



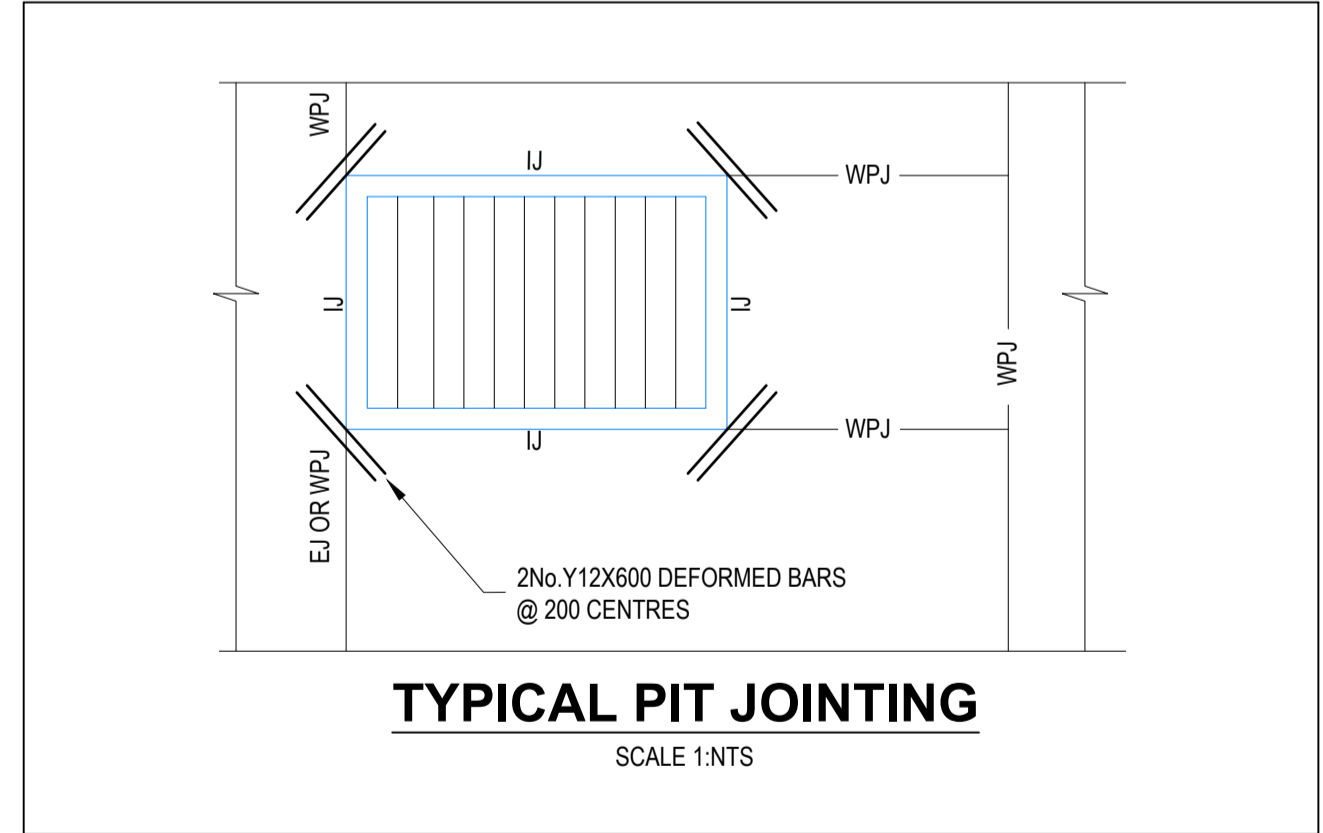
TISTA CLOSE CONCRETE JOINTING LAYOUT PLAN



TISTA CLOSE CONCRETE CONTOUR PLAN



TYPICAL RE-ENTRANT CORNER DETAIL



TYPICAL PIT JOINTING

NOTE:
 1. CONTRACTOR TO PROVIDE 1.2m x 1.2m UNPAVED PUBLIC LIGHTING AREAS WITHIN LANEWAYS. CONTRACTOR TO REFER LATEST ELECTRICAL DRAWINGS FOR INFORMATION.

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

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	13/03/25	ISSUED FOR CONSTRUCTION	M.P.	A.W.	M.T.
B	19/02/25	COUNCIL COMMENTS	M.P.	A.W.	M.T.
A	24/01/25	ISSUED FOR APPROVAL	M.P.	A.W.	M.T.

CLIENT

villawood
properties
Communities Designed for Living

PROJECT

creo
CIVIL

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

DRAWING TITLE

ALAMORA - STAGE 17
CONCRETE JOINTING PLAN

STATUS

ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:200

DESIGNED

M.PLANT

DRAWN

M.PLANT

PROJECT ENGINEER

A.WALE

PROJECT MANAGER

M.TROUNCE

PROJECT No.

200282.17

DRAWING No.

R900

REVISION

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