

ALAMORA

STAGE 19

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 GIVEN ACCESS TO THE SITE AT ALL TIMES. ALL CONSTRUCTION WORKS SHALL BE COMPLETED TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
- BLASTING REQUIRES BLASTING PERMIT FROM COUNCIL.
- ANY EXISTING PAVEMENT OR DRAINAGE DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD IS TO BE REINSTATED BY THE CONTRACTOR TO THE SATISFACTION OF THE SUPERINTENDENT.

SURVEY & SETOUT:

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
- PERMANENT SURVEY MARK SKETCH PLANS ARE TO BE PREPARED ESTABLISHING A.H.D. LEVELS AND A.M.G. CO-ORDINATES FOR REGISTRATION WITH THE C.P.O. BY A LICENSED SURVEYOR.
- ALL TBMS AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE CONSULTANT TO ARRANGE REINSTATEMENT AT THE CONTRACTORS EXPENSE.

EARTHWORKS:

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

ROADS:

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

DRAINAGE:

- DRAINAGE PIPES SHALL BE RUBBER RING JOINTS REINFORCED CONCRETE CLASS 2, UNLESS OTHERWISE SHOWN.
- ALL PVC STORM WATER DRAINAGE PIPES TO BE SEWER QUALITY PVC.
- NO PVC STORM WATER DRAINAGE PIPES TO BE LAID UNDER ROADS.
- DRAINAGE PIPES AND PITS ARE SET OUT FROM OFFSETS, RATHER THAN FROM CENTRELINE PIPE CHAINAGES. CURVILINEAR DRAINAGE PIPES MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURES GUIDELINES.
- DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN APPROVED BY THE CONTRACTORS ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS.3725-2007, LOADS ON BURIED PIPES.
- PROPERTY INLET PITS ARE TO BE LOCATED 1.00m FROM LOW SIDE BOUNDARY, UNLESS OTHERWISE SHOWN. INVERTS OF PROPERTY INLETS ARE TO BE A MINIMUM OF 400mm BELOW FINISHED SURFACE.
- HOUSE DRAINS ARE TO BE CONNECTED DIRECTLY INTO UNDERGROUND DRAINAGE PIPES OR PITS AND OFFSET FROM SIDE BOUNDARY 5.0m WHERE POSSIBLE AS PER EDM 701. THE LOCATION OF THE HOUSE DRAIN TO BE MARKED AS PER EDM 303. HOUSE DRAIN LEVEL TO BE A MINIMUM 0.4m BELOW THE LOWEST CORNER OF THE LOT.
- ALL DRAINAGE PIPES UNDER ROAD PAVEMENT, DRIVEWAY, FOOTPATH & KERB AND CHANNEL SHALL BE BACKFILLED WITH CLASS 3 F.C.R.
- PRIOR TO THE ISSUE OF STATEMENT OF COMPLIANCE, ALL DRAINS ARE TO BE CCTV TESTED AND THE RESULTS PROVIDED TO COUNCIL.
- SUBSURFACE DRAINS ARE TO BE LAID BEHIND ALL KERB AND CHANNEL AS PER EDM 202.
- WHEN ROADS ARE TRUNCATED AGAINST RISING LAND PENDING DEVELOPMENT OF FUTURE STAGES, TEMPORARY A.G. DRAINS SHALL BE INSTALLED ACROSS THE END OF THE ROAD TO PREVENT SEEPAGE INTO PAVEMENT.

UTILITIES:

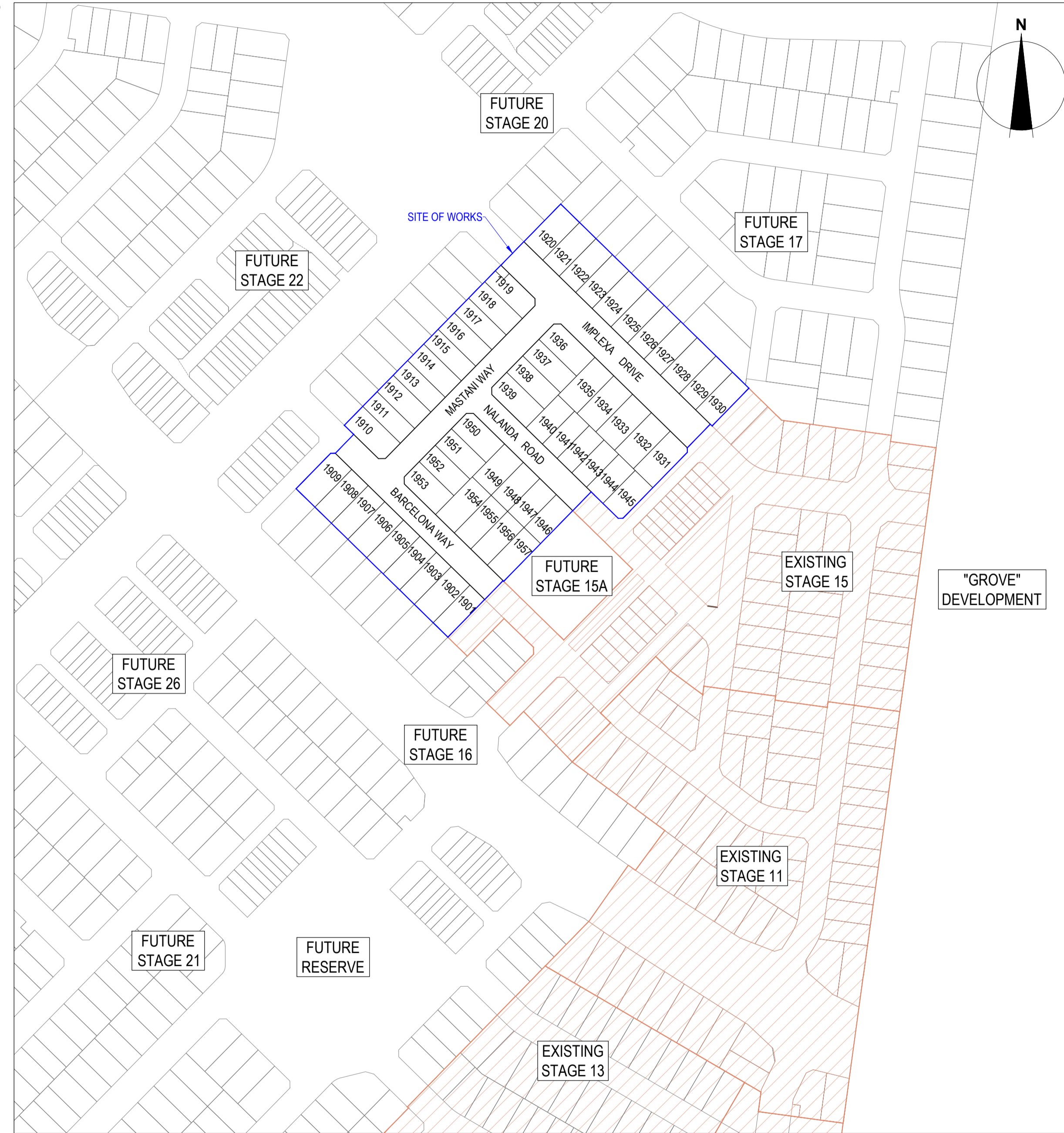
- SERVICE CONDUITS ARE TO BE INSTALLED AT THE LOCATIONS SHOWN ON THIS DRAWING. LOCATION OF ALL UNDERGROUND SERVICE CONDUITS TO BE MARKED ON KERB & CHANNEL AS PER EDM 303. SERVICE CONDUITS THAT ARE SUBJECT TO AMENDMENT SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT.
- ALL CONDUIT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

VEGETATION:

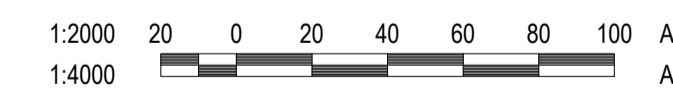
- ALL EXISTING TREES ARE TO BE PROTECTED DURING CONSTRUCTION.
- ANY TREE REMOVAL MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN OR AS DIRECTED ON SITE BY THE LANDSCAPE APPROVALS OFFICER. TREES SHOWN ON THE PLANS ARE TO BE RETAINED AND PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- ALL ROOTS AND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

STRUCTURAL:

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



LOCALITY PLAN
MELWAYS REF: 234 D7



SHEET LIST TABLE

DRAWING NO.	DRAWING TITLE	REVISION
R100	COVER SHEET	B
R200	LAYOUT PLAN	B
R201	SERVICES PLAN	B
R202	EARTHWORKS PLAN	B
R300	INTERSECTION DETAILS - 1	B
R301	INTERSECTION DETAILS - 2	B
R400	ROAD LONGITUDINAL SECTIONS - 1	B
R401	ROAD LONGITUDINAL SECTIONS - 2	B
R500	ROAD CROSS SECTIONS - 1	B
R501	ROAD CROSS SECTIONS - 2	B
R502	ROAD CROSS SECTIONS - 3	B
R503	ROAD CROSS SECTIONS - 4	B
R504	ROAD CROSS SECTIONS - 5	B
R600	DRAINAGE LONG SECTIONS - 1	B
R601	DRAINAGE LONG SECTIONS - 2	B
R602	DRAINAGE LONG SECTIONS - 3	B
R603	DRAINAGE LONG SECTIONS - 4	B
R604	PIT SCHEDULE	B
R700	TYPICAL DETAILS - 1	B
R701	TYPICAL DETAILS - 2	B
R800	SIGNAGE & LINEMARKING	B

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

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

CLIENT

Communities Designed for Living

PROJECT

Level 7, 176 Wellington Parade
East Melbourne, VIC, Australia 3002

DRAWING TITLE

ALAMORA - STAGE 19
COVER SHEET

STATUS

TENDER
NOT FOR CONSTRUCTION

SCALE @ A1: 1:2000

DESIGNED

I.HOGAN

PROJECT ENGINEER

M.TROUNCE

DRAWN

I.HOGAN

PROJECT MANAGER

M.TROUNCE

PROJECT No.

200282.19

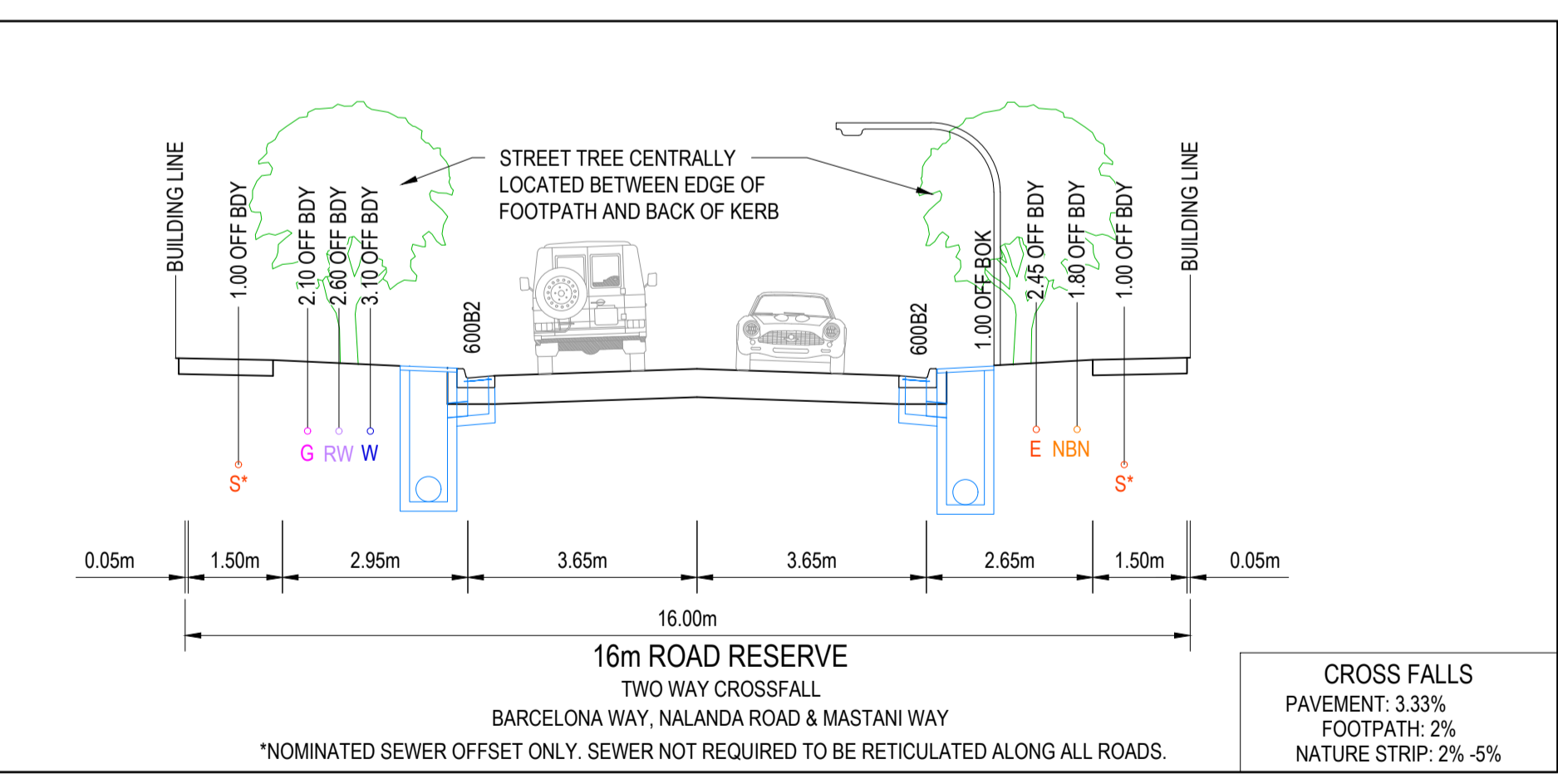
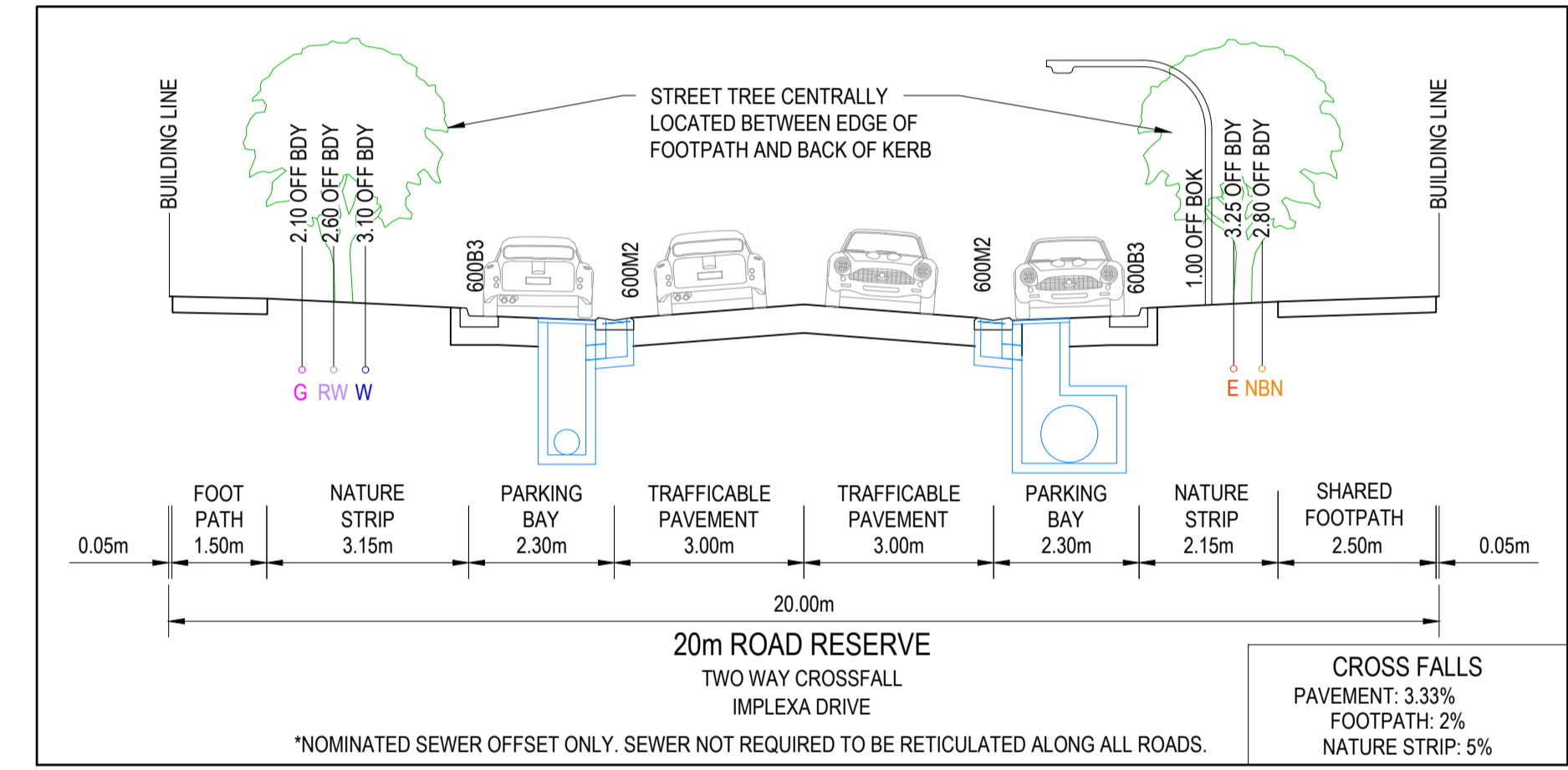
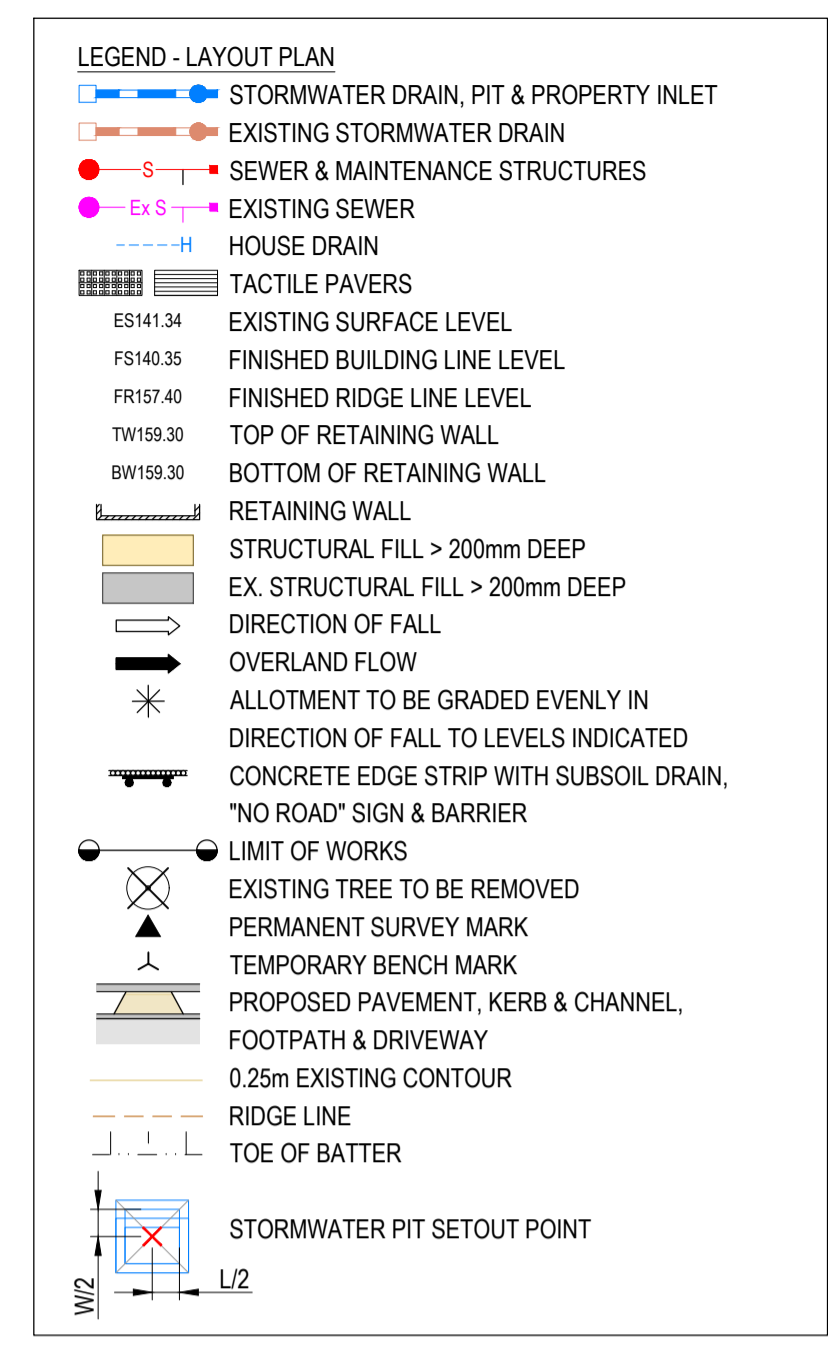
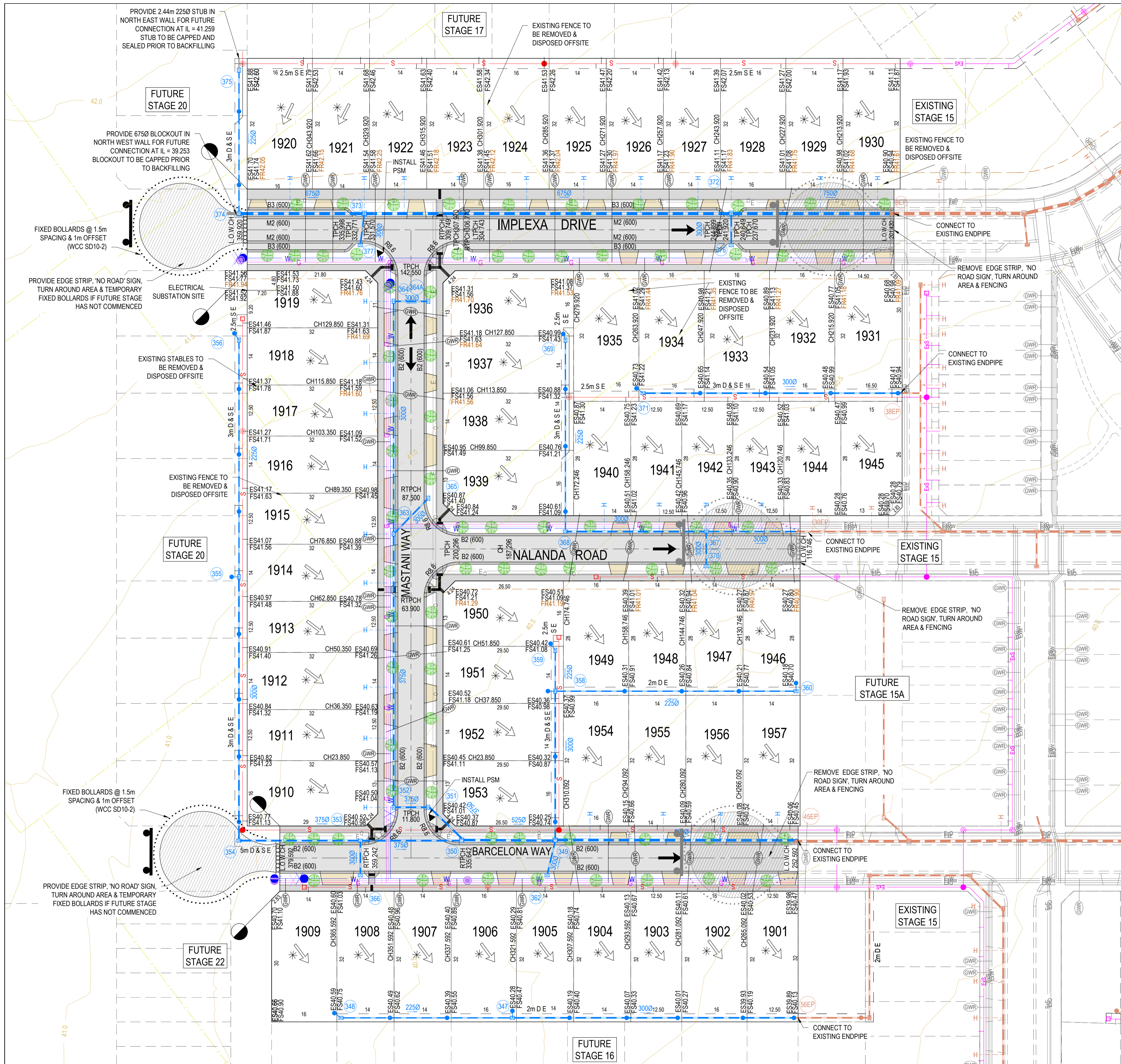
DRAWING No.

R100

REVISION

B

P:\2020\20282 - ALAMORA - TENDER\20282 - DRAINAGE\20282 - R100 - COVER SHEET.DWG



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

WARNING
BWARE 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
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

CLIENT

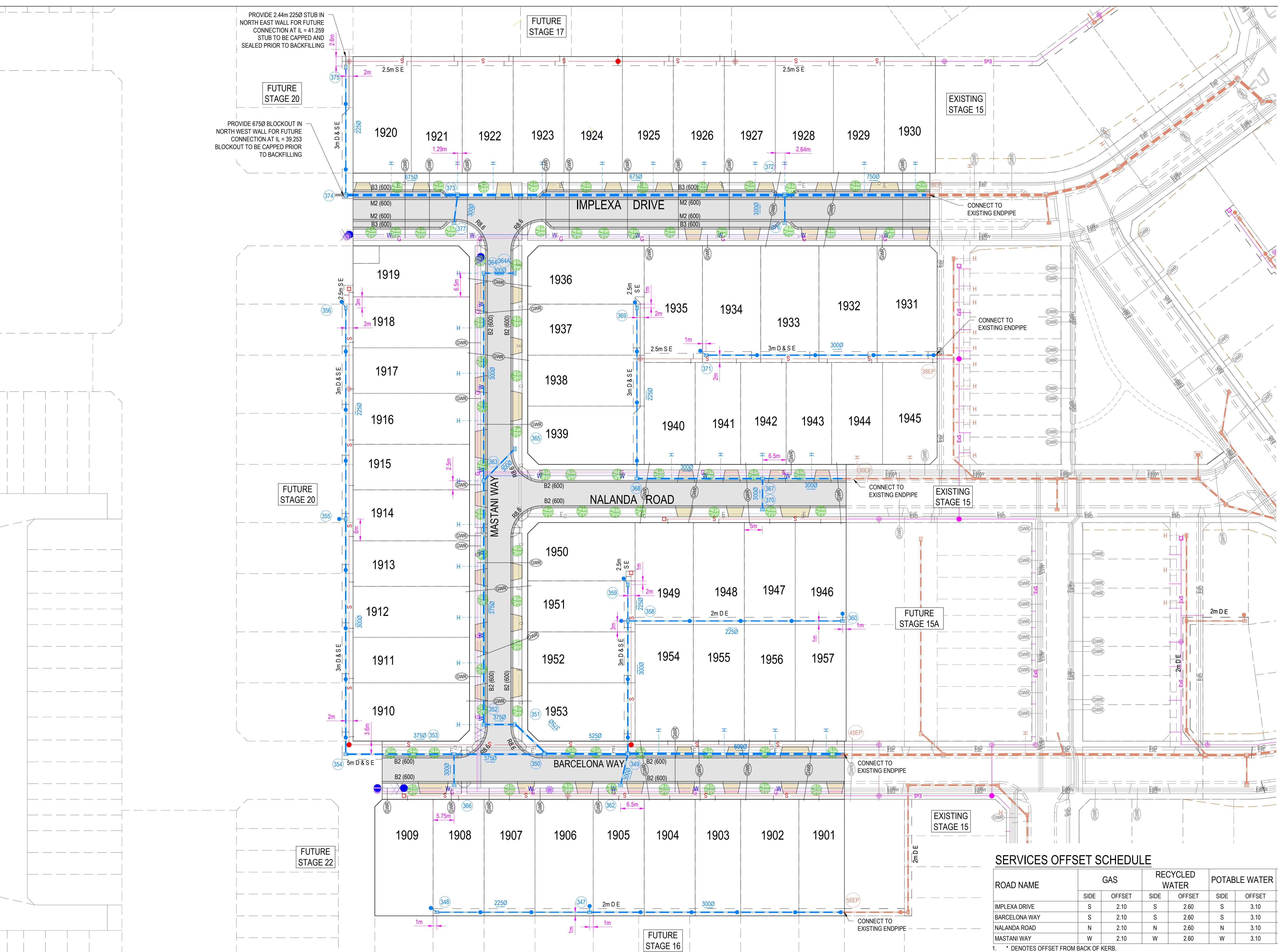
Level 7, 176 Wellington Parade
East Melbourne, VIC, Australia 3002

DRAWING TITLE
**ALAMORA - STAGE 19
LAYOUT PLAN**

STATUS
**TENDER
NOT FOR CONSTRUCTION**

SCALE @ A1: 1:500

DESIGNED I.HOGAN	PROJECT ENGINEER M.TROUNCE
DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE
PROJECT No. 200282.19	DRAWING No. R200
	REVISION B



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

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

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
IMPLEXA DRIVE	S	2.10	S	2.60	S	3.10	N	2.80	N	3.25	N	1.00*
BARCELONA WAY	S	2.10	S	2.60	S	3.10	N	1.80	N	2.45	N	1.00*
NALANDA ROAD	N	2.10	N	2.60	N	3.10	S	1.80	S	2.45	S	1.00*
MASTANI WAY	W	2.10	W	2.60	W	3.10	E	1.80	E	2.45	E	1.00*

1. * DENOTES OFFSET FROM BACK OF KERB.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

villawood properties
 Communities Designed for Living

creo CONSULTANTS
 Level 7, 176 Wellington Parade
 East Melbourne, VIC, Australia 3002

ALAMORA
Tarnait

ALAMORA - STAGE 19 SERVICES PLAN

TENDER NOT FOR CONSTRUCTION

DESIGNED: I.HOGAN
 PROJECT ENGINEER: M.TROUNCE
 DRAWN: I.HOGAN
 PROJECT MANAGER: M.TROUNCE
 PROJECT No: **200282.19**
 DRAWING No: **R201**
 REVISION: **B**

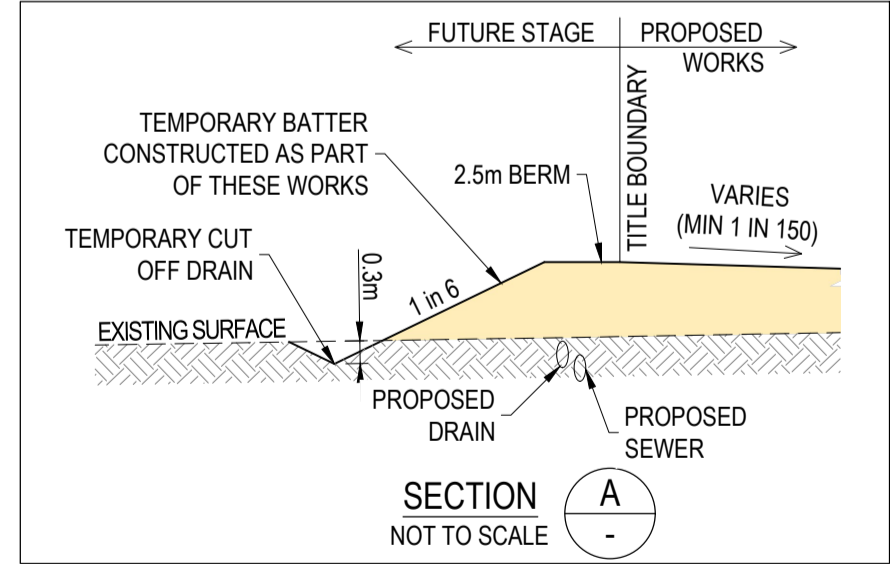
TABLE 5: ROAD RESERVE SERVICE OFFSETS (m) AND LOCATIONS

ROAD NAME	GAS		RECYCLED WATER		POTABLE WATER		OPTIC FIBRE		ELECTRICITY	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET
IMPLEXA DRIVE	S	2.10	S	2.60	S	3.10	N	2.80	N	3.25
BARCELONA WAY	W	2.10	W	2.60	W	3.10	E	1.80	E	2.45
NALANDA ROAD	W	2.10	W	2.60	W	3.10	E	1.80	E	2.45
MASTANI WAY	S	2.10	S	2.60	S	3.10	N	1.80	N	2.45



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
- DIRECTION OF FALL
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
- 0.10m CONTOUR



WARNING
BWARE 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
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

CLIENT

Communities Designed for Living

creo CONSULTANTS

Level 7, 176 Wellington Parade
East Melbourne, VIC, Australia 3002

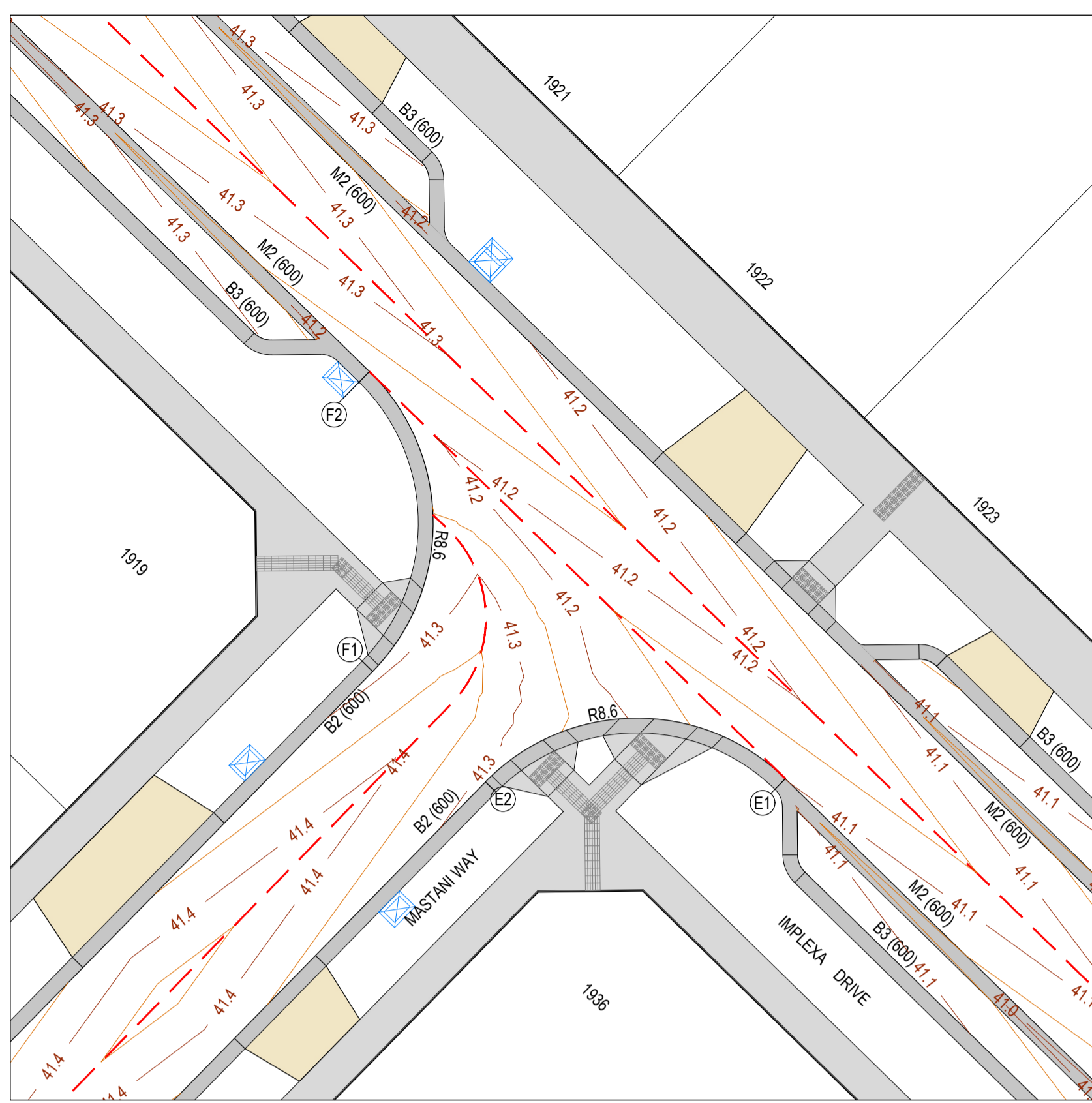
ALAMORA
Tarnait

DRAWING TITLE
ALAMORA - STAGE 19
EARTHWORKS PLAN

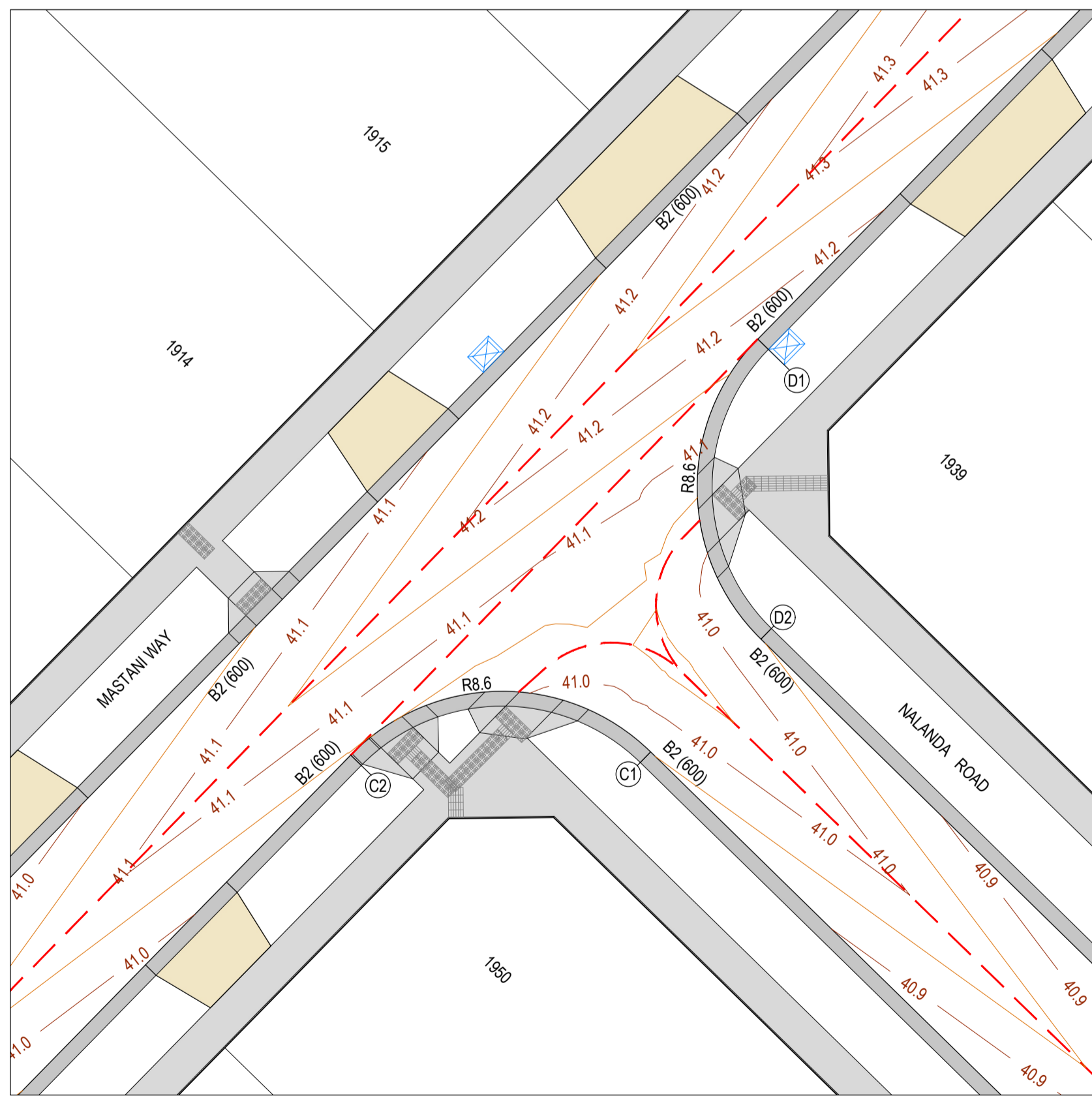
STATUS
TENDER
NOT FOR CONSTRUCTION

SCALE @ A1 : 1:500

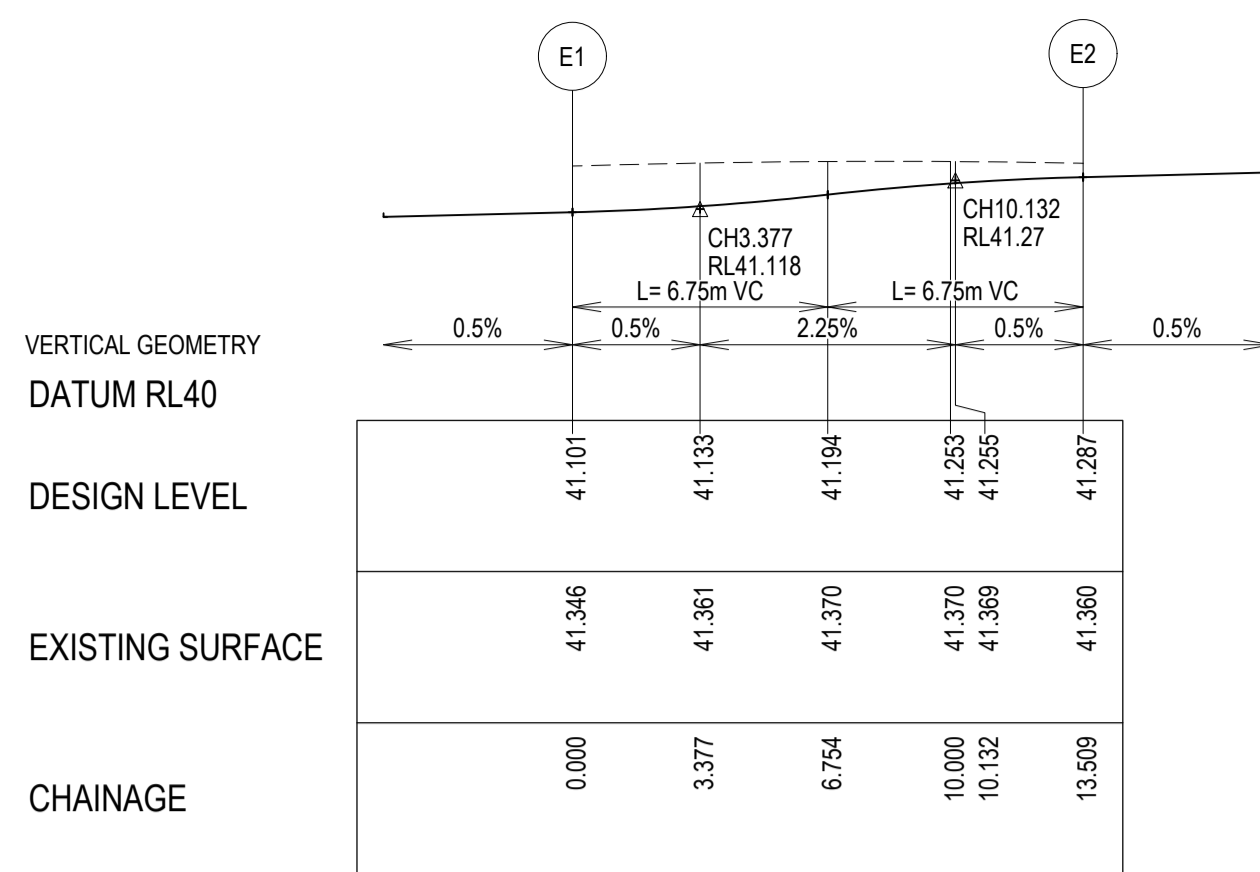
DESIGNED I.HOGAN	PROJECT ENGINEER M.TROUNCE
DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE
PROJECT No. 200282.19	DRAWING No. R202
	REVISION B



IMPREXA DRIVE & MASTANI WAY INTERSECTION



NALANDA ROAD & MASTANI WAY INTERSECTION

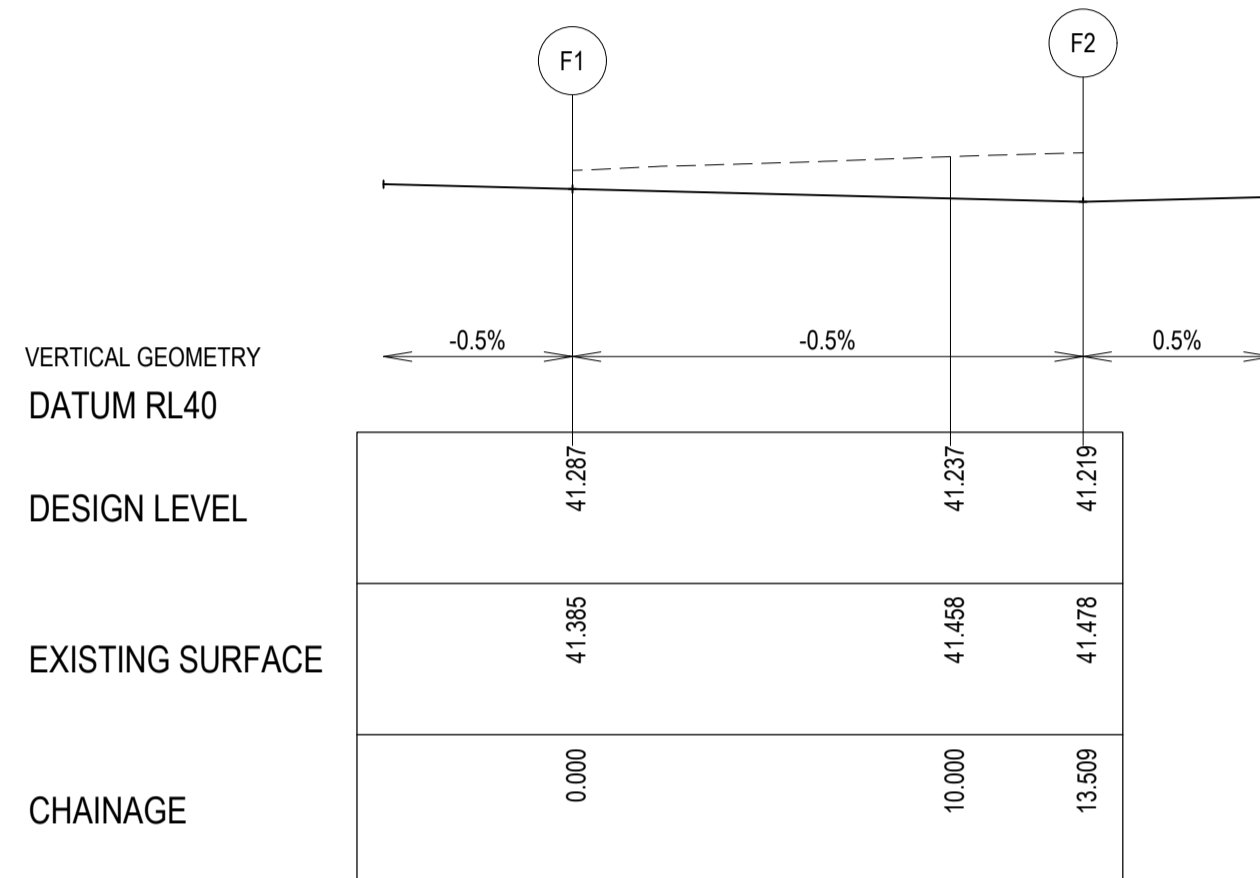


LIP LINE E

ALIGNMENT E

PT NO	EASTING	NORTHING	RL
E1	292149.926	5807810.487	41.101
E2	292137.764	5807810.356	41.287

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
E1-E2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	41.194

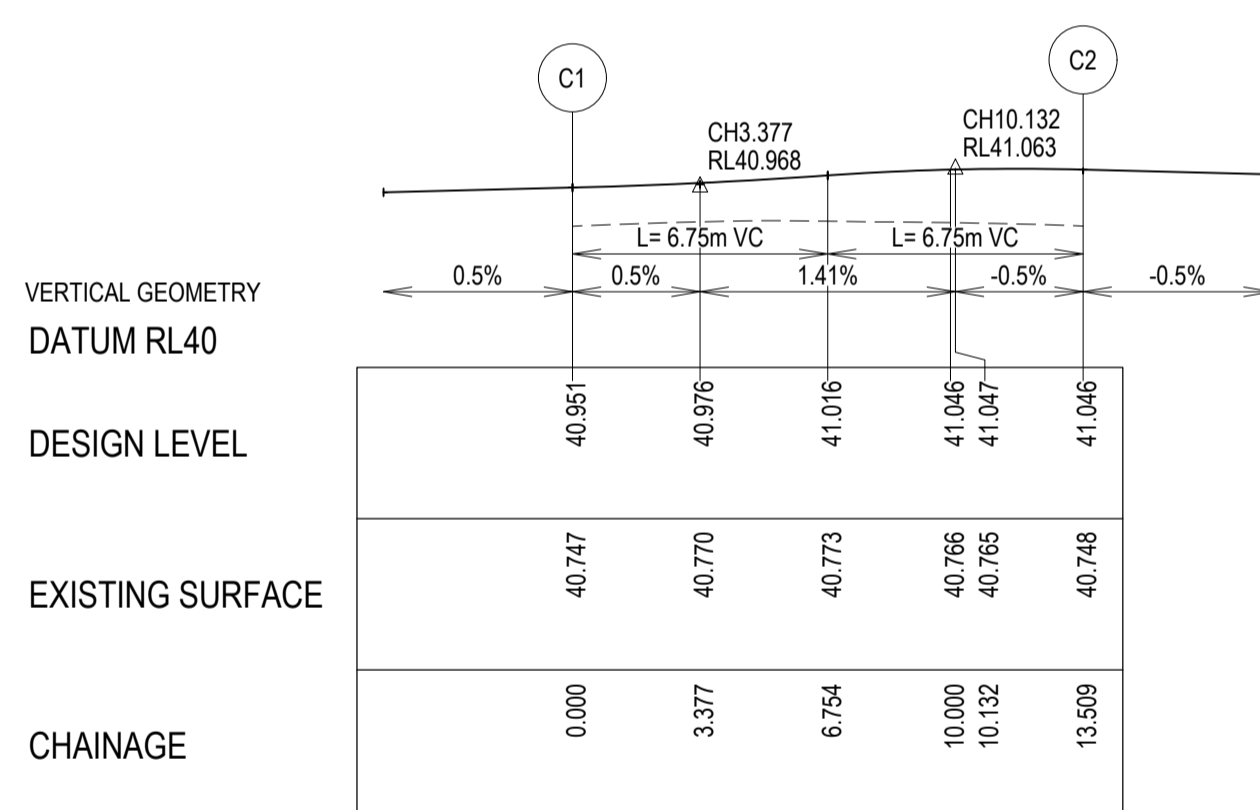


LIP LINE F

ALIGNMENT F

PT NO	EASTING	NORTHING	RL
F1	292133.19	5807814.832	41.287
F2	292133.059	5807826.994	41.219

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
F1-F2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	41.253

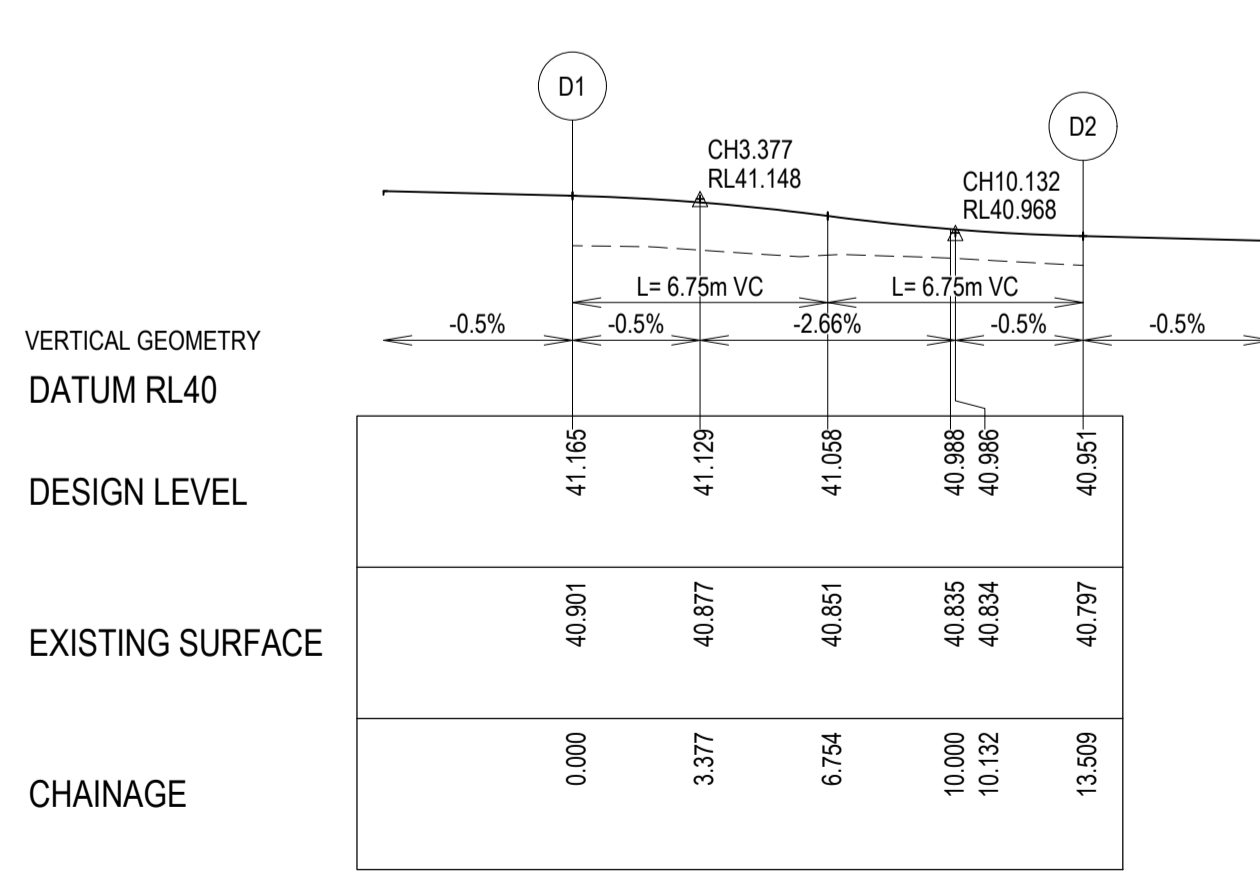


LIP LINE C

ALIGNMENT C

PT NO	EASTING	NORTHING	RL
C1	292094.913	5807754.278	40.951
C2	292082.752	5807754.147	41.046

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
C1-C2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	41.016



LIP LINE D

ALIGNMENT D

PT NO	EASTING	NORTHING	RL
D1	292099.259	5807771.013	41.165
D2	292099.39	5807758.851	40.951

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
D1-D2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	41.058

LEGEND - INTERSECTION PLAN

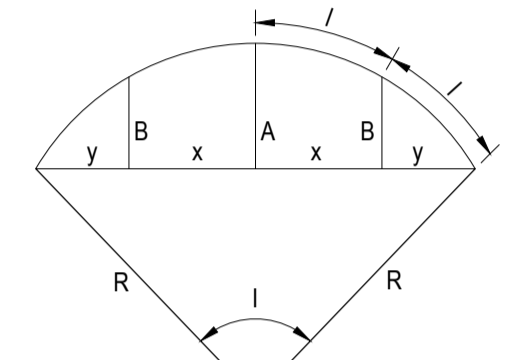
- STORMWATER DRAIN & PIT
- TACTILE PAVERS
- PROPOSED PAVEMENT, KERB & CHANNEL
- FOOTPATH & DRIVEWAY
- CROWN
- MINOR CONTOUR
- MAJOR CONTOUR

LEGEND - SECTION

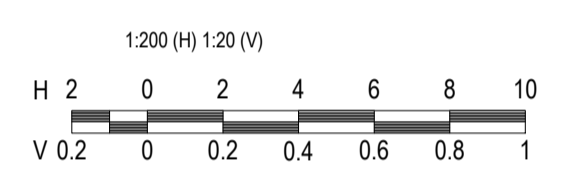
- EXISTING SURFACE
- DESIGN LINE

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
 FOR SIGNS & LINEMARKING PLAN
 REFER SHEETS R800.



LIP PROFILE SETOUT



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

villawood properties
 Communities Designed for Living

creo CONSULTANTS
 Level 7, 176 Wellington Parade
 East Melbourne, VIC, Australia 3002

ALAMORA
Tarnait

**ALAMORA - STAGE 19
 INTERSECTION DETAILS - 1**

TENDER
NOT FOR CONSTRUCTION

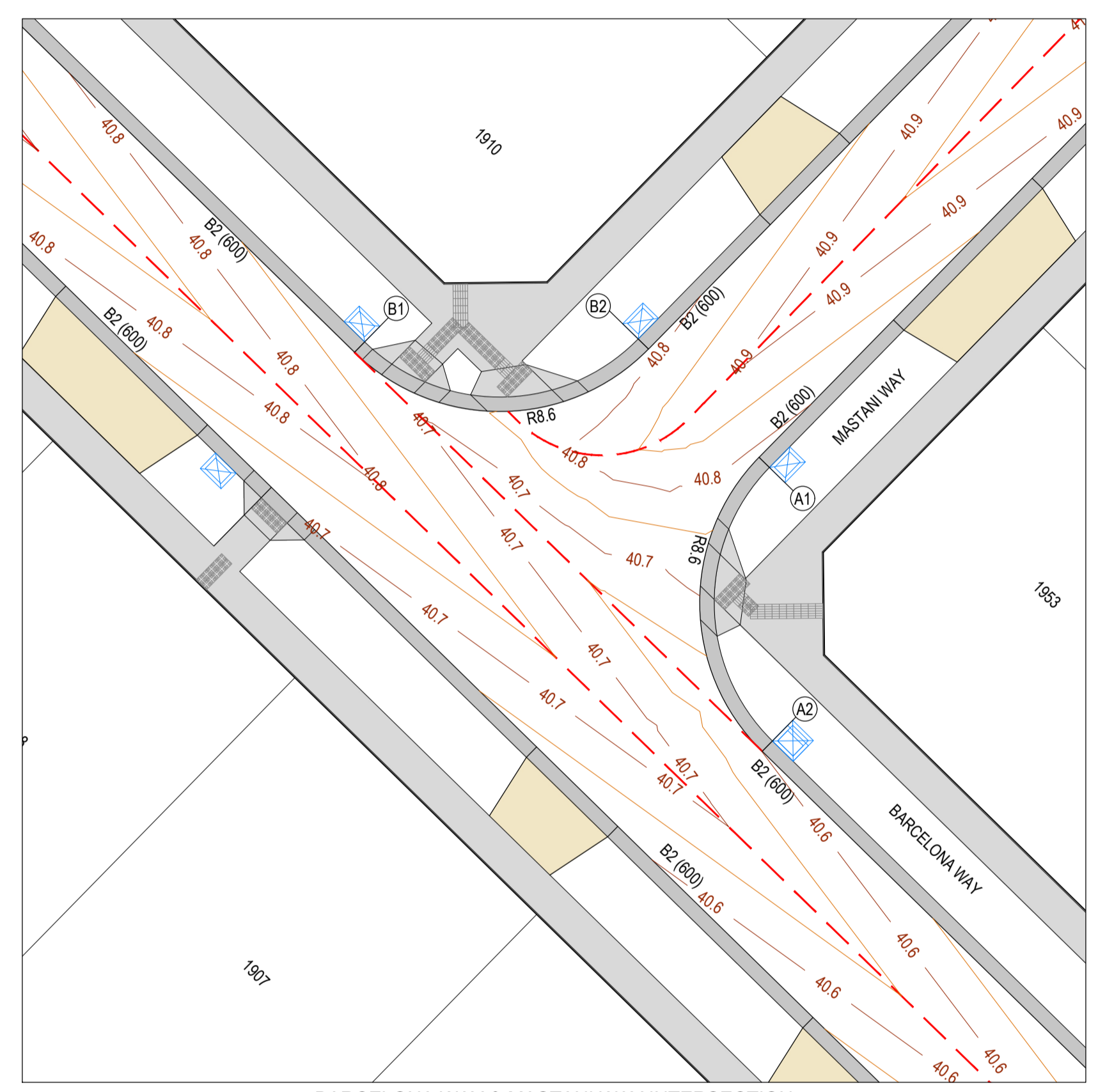
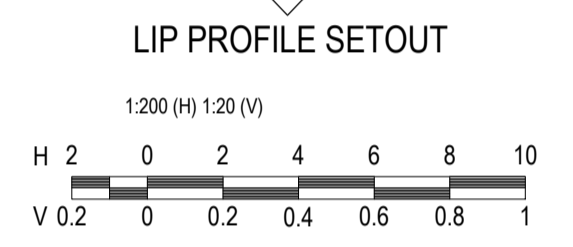
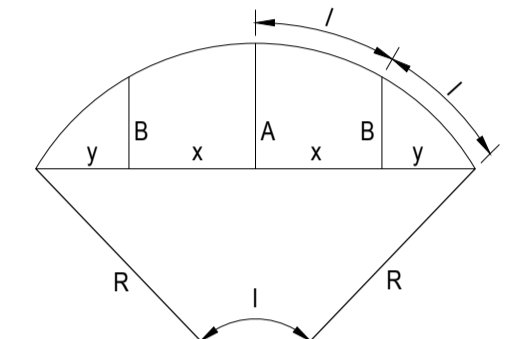
SCALE @ A1:
AS SHOWN

DESIGNED	I.HOGAN	PROJECT ENGINEER	M.TROUNCE
DRAWN	I.HOGAN	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.19	DRAWING No.	R300
REVISION			B

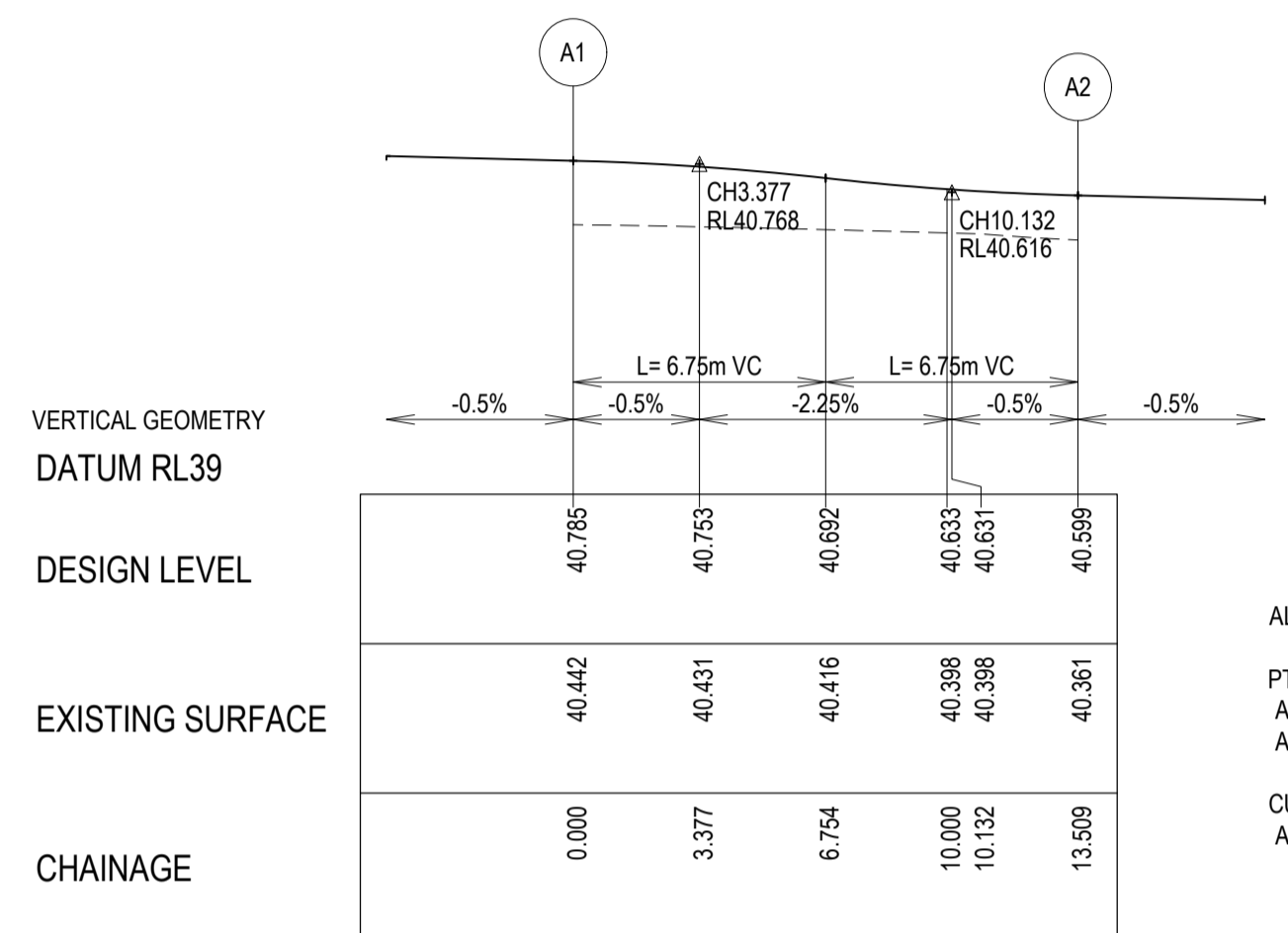
LEGEND - INTERSECTION PLAN	
	STORMWATER DRAIN & PIT
	TACTILE PAVERS
	PROPOSED PAVEMENT, KERB & CHANNEL
	FOOTPATH & DRIVEWAY
	CROWN
	MINOR CONTOUR
	MAJOR CONTOUR
LEGEND - SECTION	
	EXISTING SURFACE
	DESIGN LINE

WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
 The locations of underground & overhead services are approximate only & their exact position should be shown 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
 FOR SIGNS & LINEMARKING PLAN
 REFER SHEETS R800.



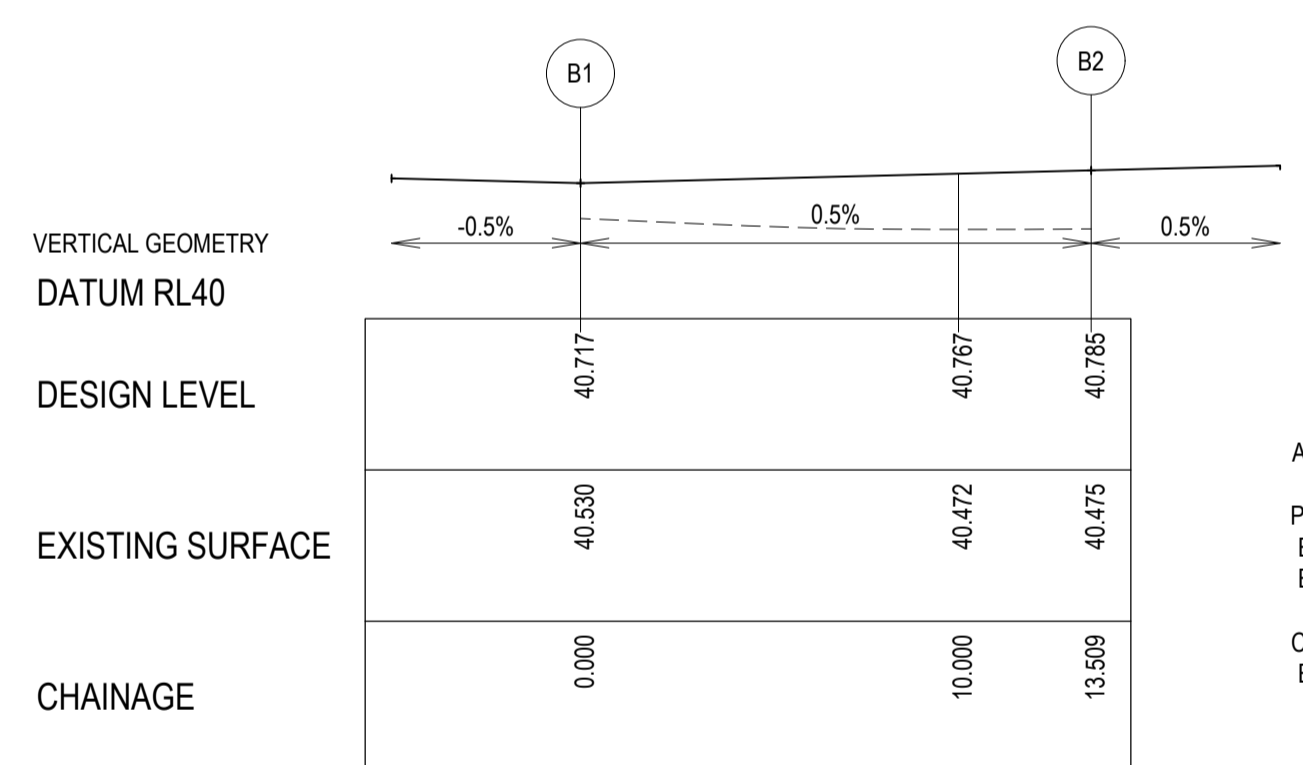
BARCELONA WAY & MASTANI WAY INTERSECTION



ALIGNMENT A

PT NO	EASTING	NORTHING	RL
A1	292046.31	5807716.912	40.785
A2	292046.441	5807704.751	40.599

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
A1 - A2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	40.692



ALIGNMENT B

PT NO	EASTING	NORTHING	RL
B1	292029.574	5807721.258	40.717
B2	292041.736	5807721.389	40.785

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
B1 - B2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	40.751

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

CLIENT

Communities Designed for Living

PROJECT

Level 7, 176 Wellington Parade
East Melbourne, VIC, Australia 3002

DRAWING TITLE

ALAMORA - STAGE 19
INTERSECTION DETAILS - 2

STATUS

TENDER
NOT FOR CONSTRUCTION

SCALE @ A1:
AS SHOWN

DESIGNED

I.HOGAN

DRAWN

I.HOGAN

PROJECT ENGINEER

M.TROUNCE

PROJECT MANAGER

M.TROUNCE

PROJECT No.

200282.19

DRAWING No.

R301

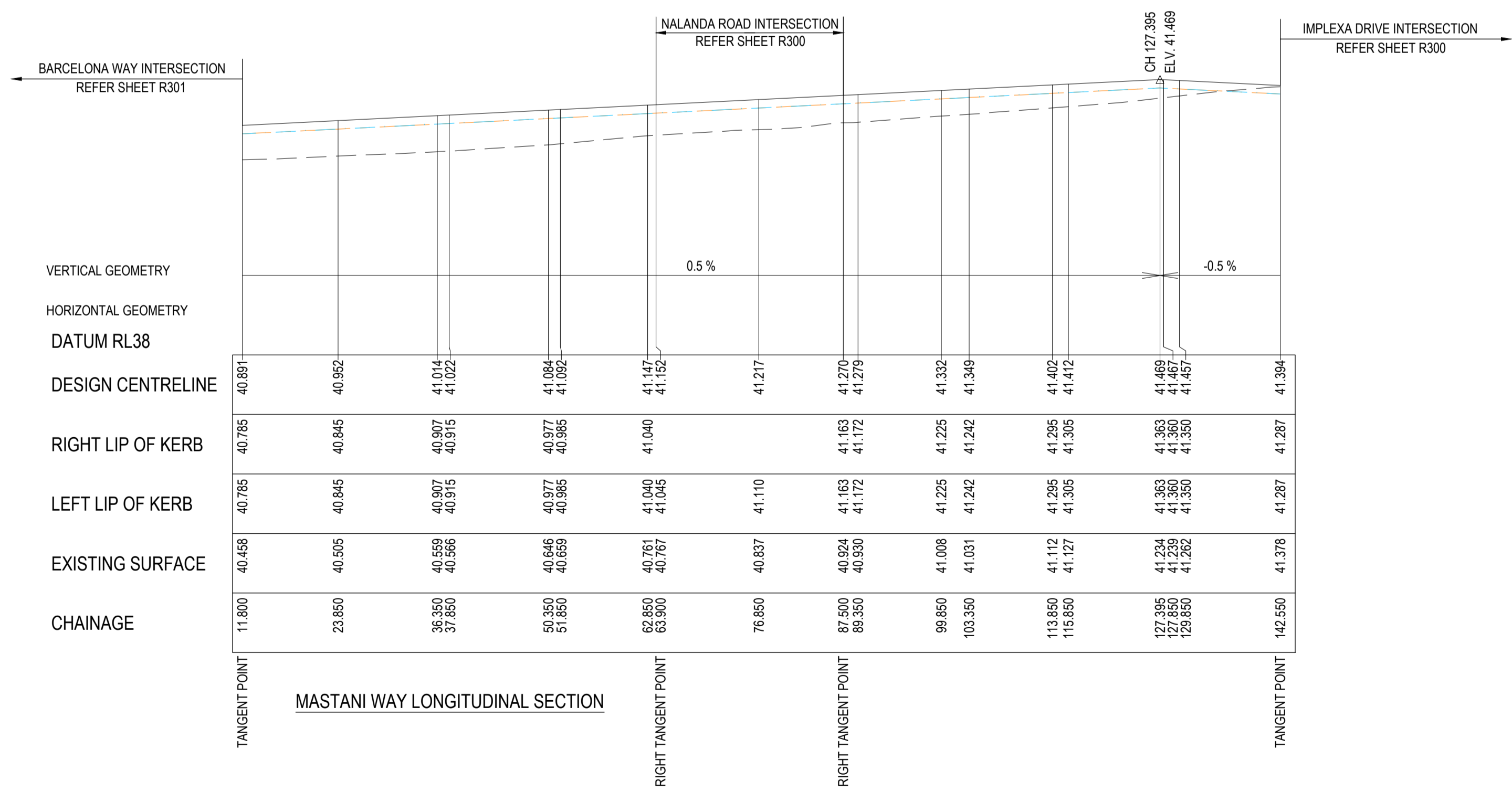
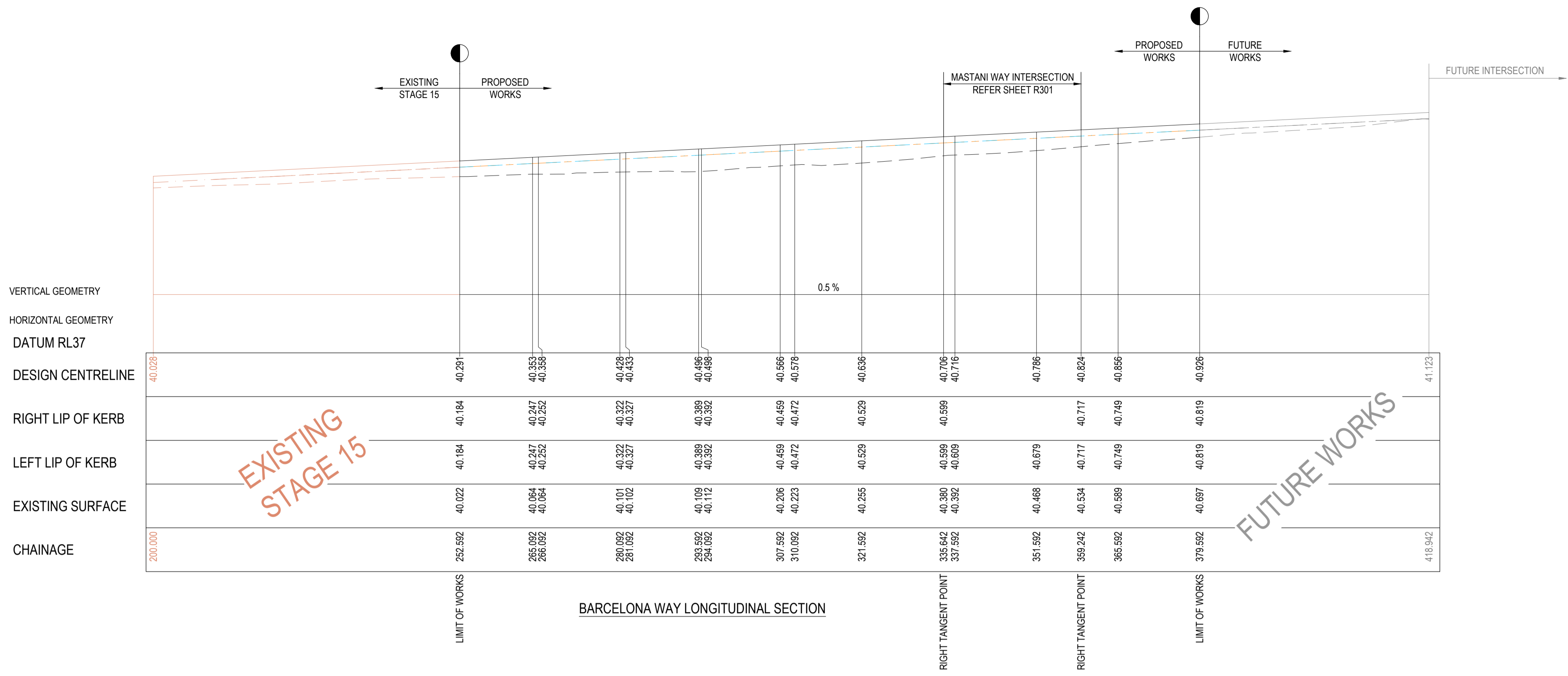
REVISION

B

LEGEND

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

NOTE: REFER TO GENERAL NOTES REGARDING STRUCTURAL FILL



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

villawood properties
Communities Designed for Living

creo CONSULTANTS
Level 7, 176 Wellington Parade
East Melbourne, VIC, Australia 3002

ALAMORA
Tarnait

ALAMORA - STAGE 19 ROAD LONGITUDINAL SECTIONS - 1

TENDER NOT FOR CONSTRUCTION

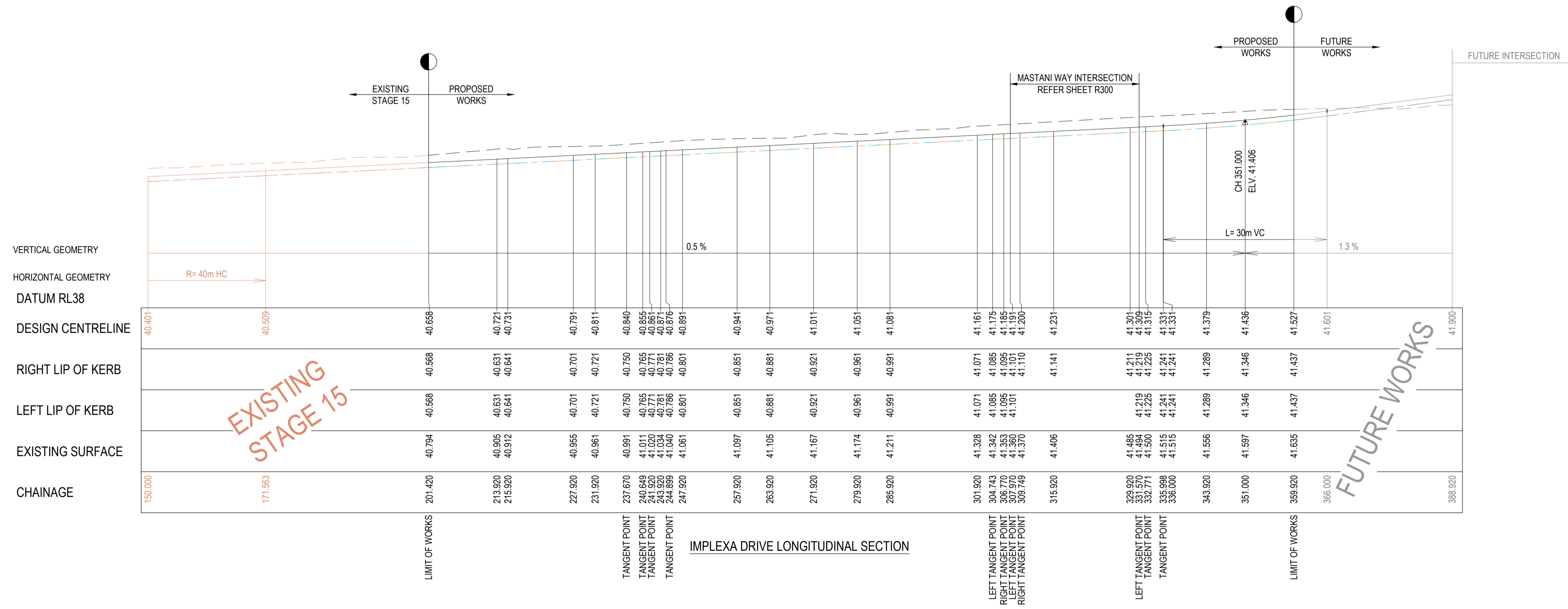
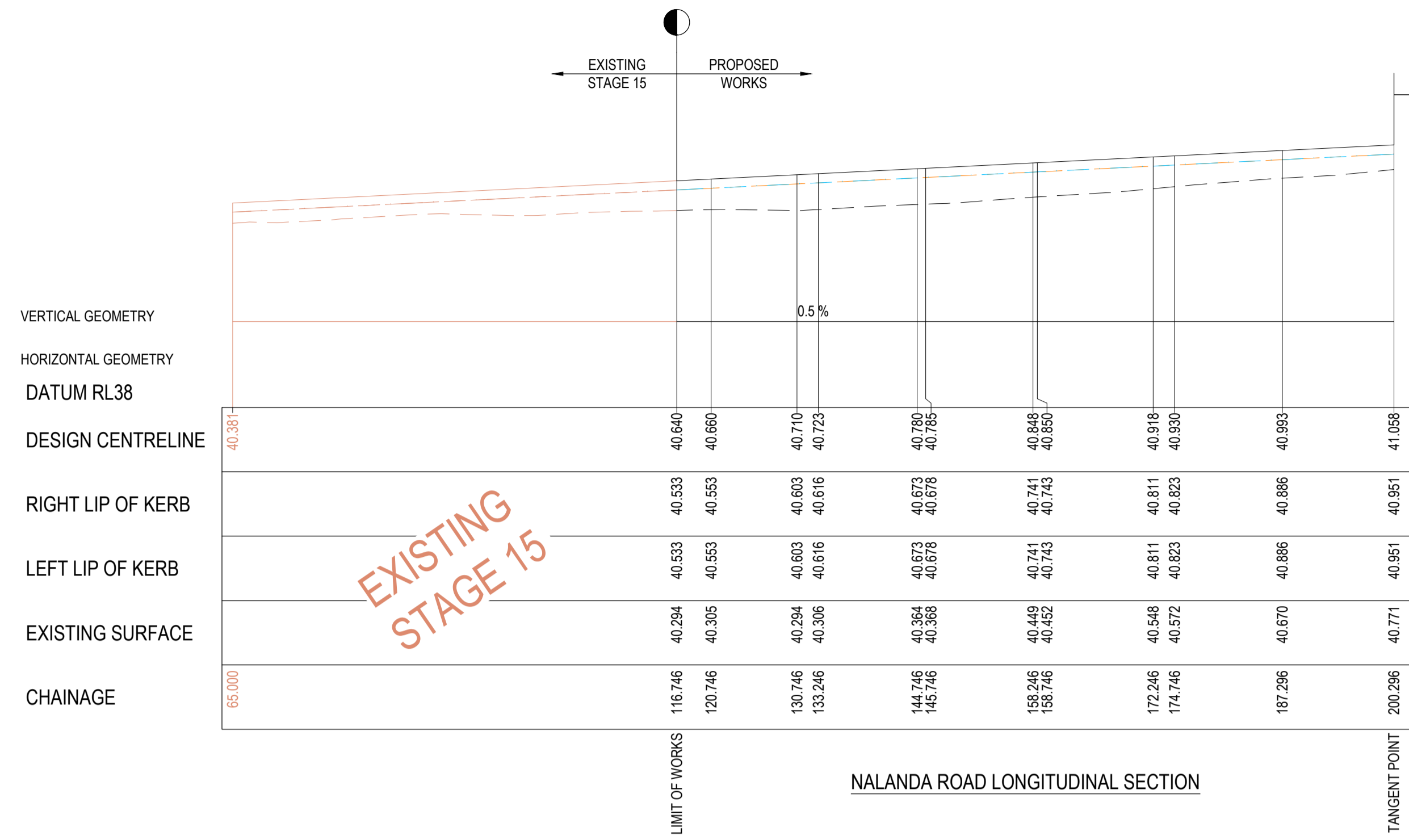
SCALE @ A1: 1:500 (H) 1:50 (V)

DESIGNED	I.HOGAN	PROJECT ENGINEER	M.TROUNCE
DRAWN	I.HOGAN	PROJECT MANAGER	M.TROUNCE
PROJECT No.	200282.19	DRAWING No.	R400
REVISION			B

LEGEND

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

NOTE: REFER TO GENERAL NOTES REGARDING STRUCTURAL FILL



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

CLIENT

villawood
properties
Communities Designed for Living

PROJECT

creo
CONSULTANTS
Level 7, 176 Wellington Parade
East Melbourne, VIC, Australia 3002

DRAWING TITLE

ALAMORA - STAGE 19
ROAD LONGITUDINAL SECTIONS - 2

STATUS

TENDER
NOT FOR CONSTRUCTION

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

DESIGNED

I.HOGAN

PROJECT ENGINEER

M.TROUNCE

DRAWN

I.HOGAN

PROJECT MANAGER

M.TROUNCE

PROJECT No.

200282.19

DRAWING No.

R401

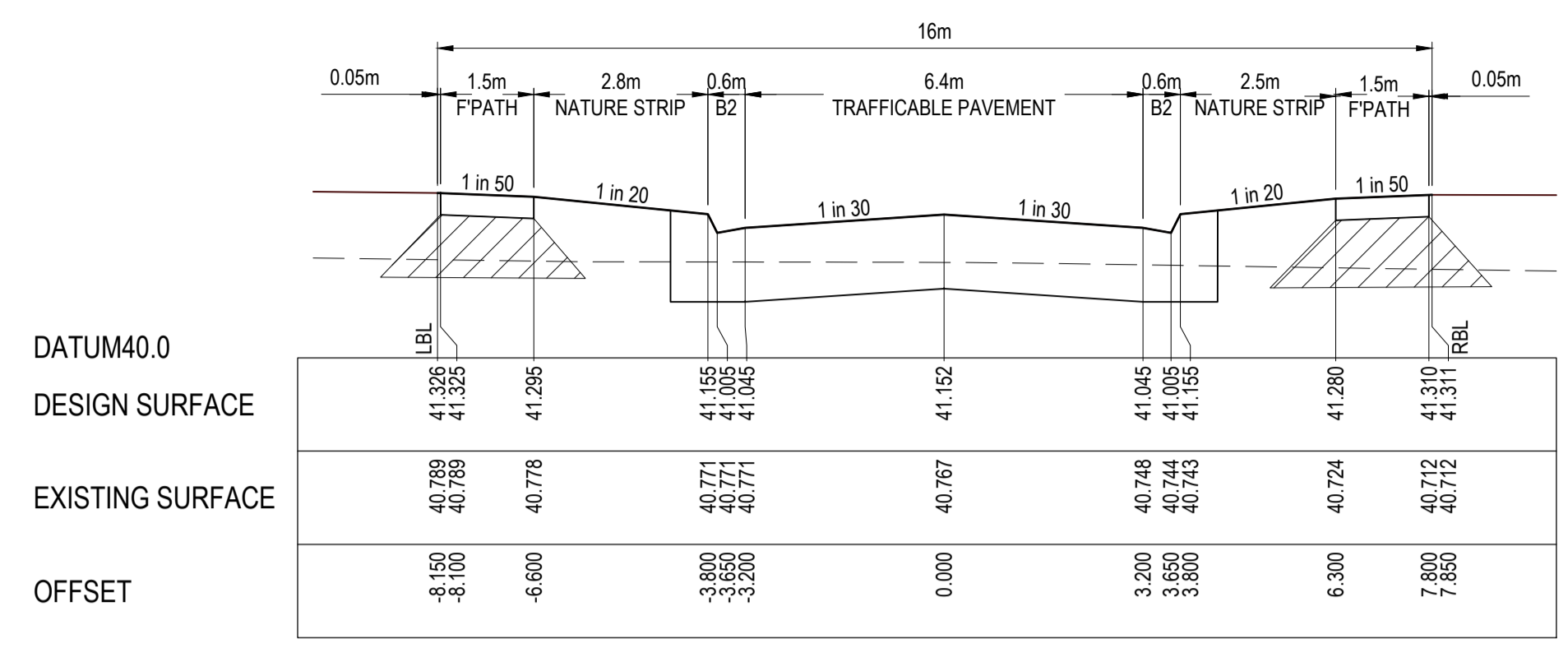
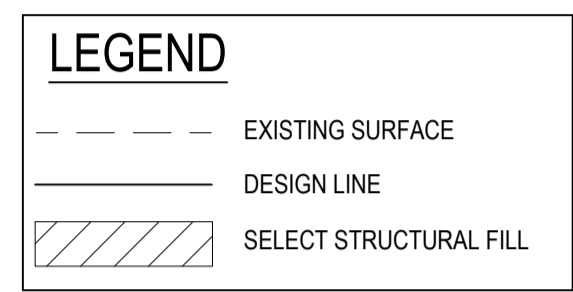
REVISION

B

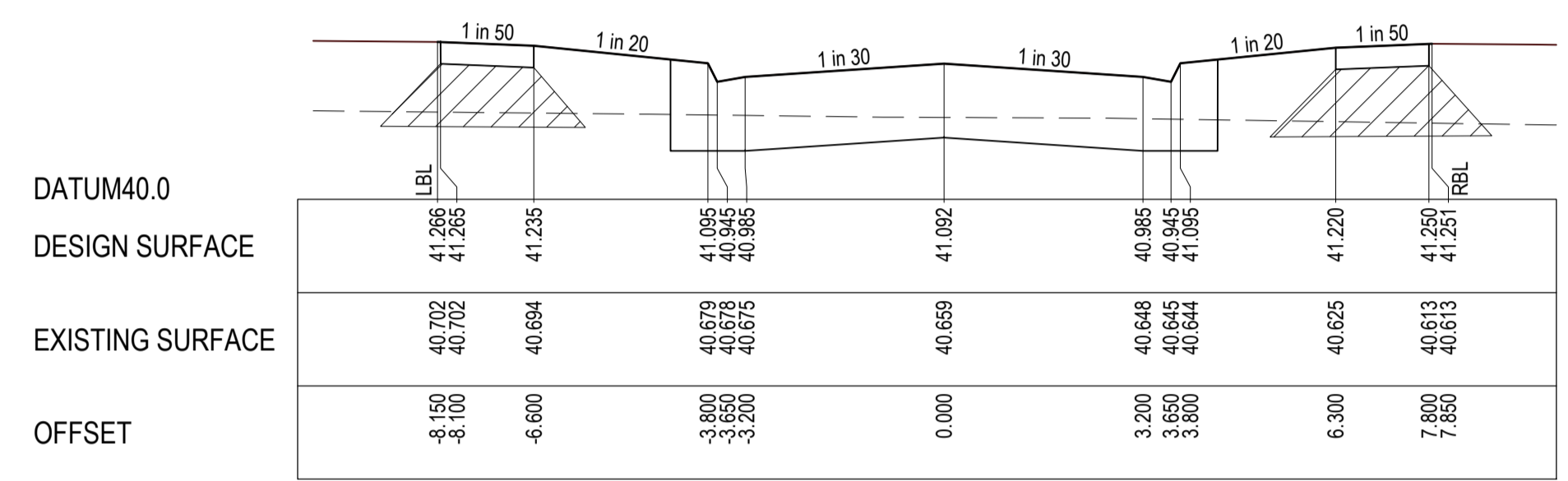
WARNING
BWARE OF UNDERGROUND & OVERHEAD SERVICES
 The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works
DIAL 1100 BEFORE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

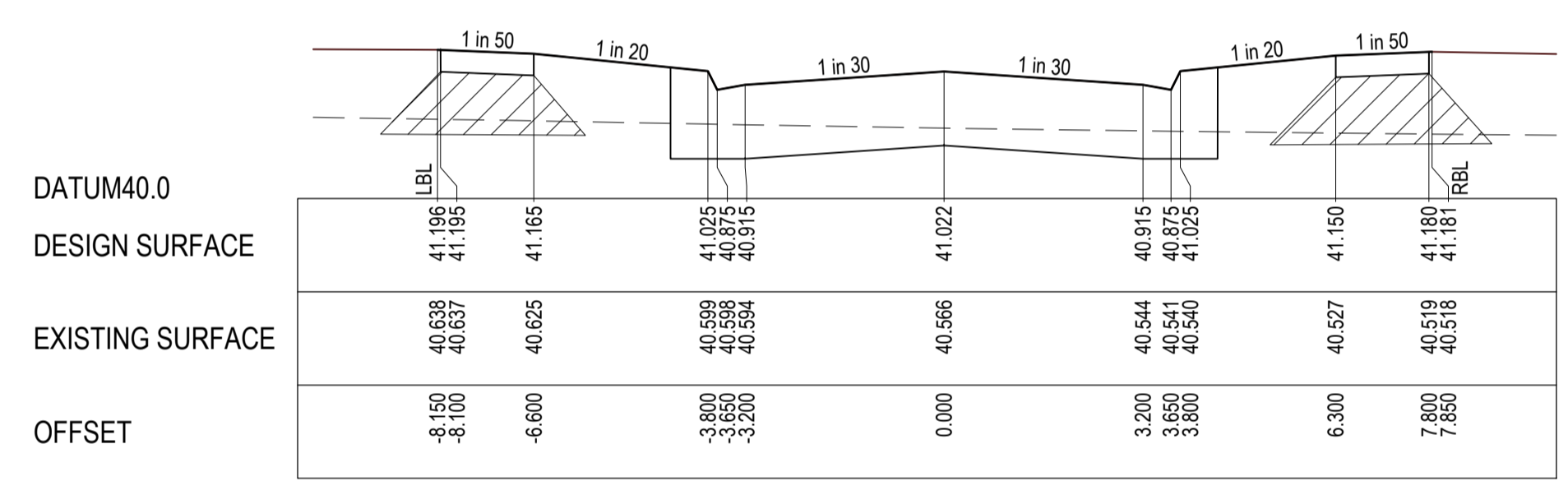
NOTE:
 SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.



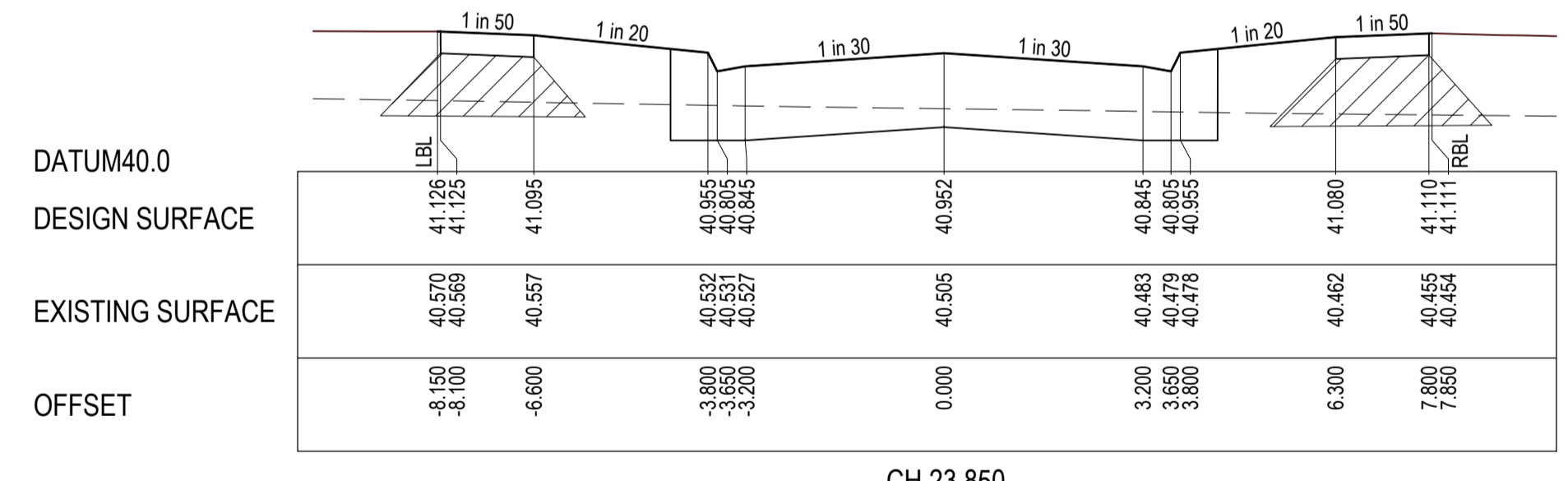
RIGHT TANGENT POINT CH 63.900



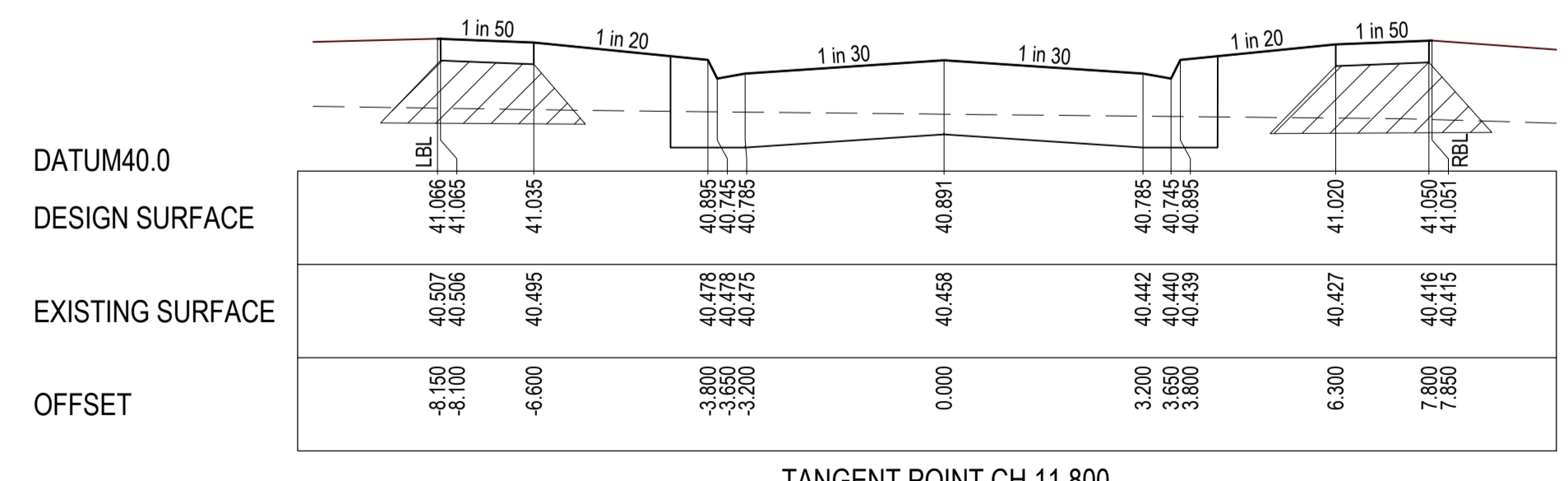
CH 51.850



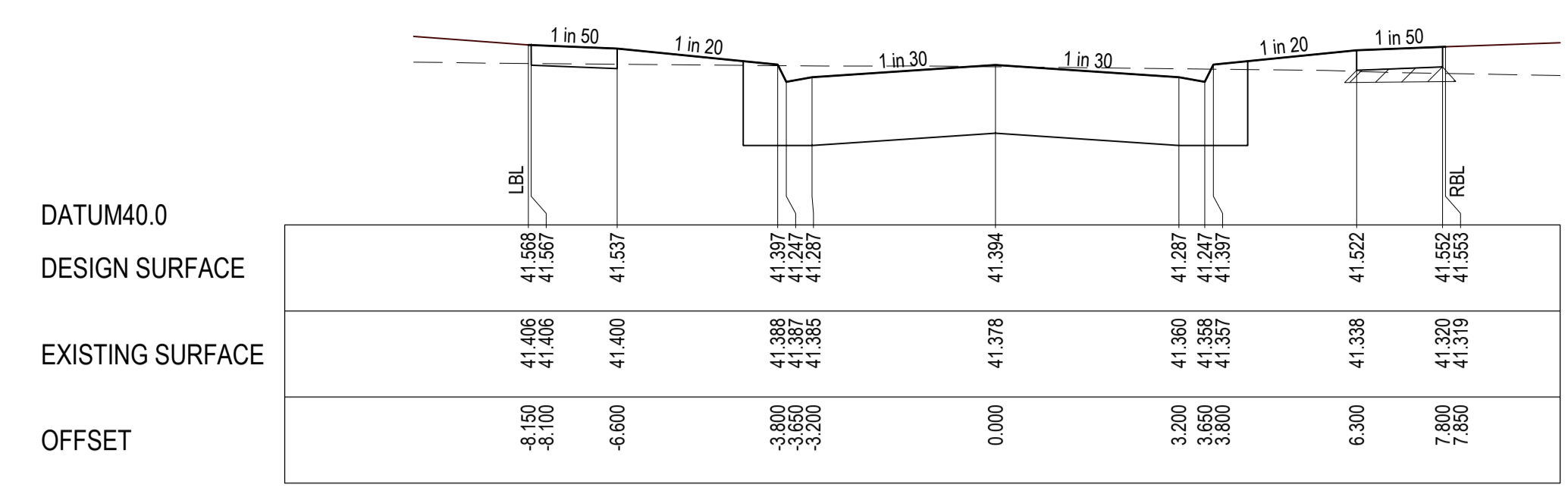
CH 37.850



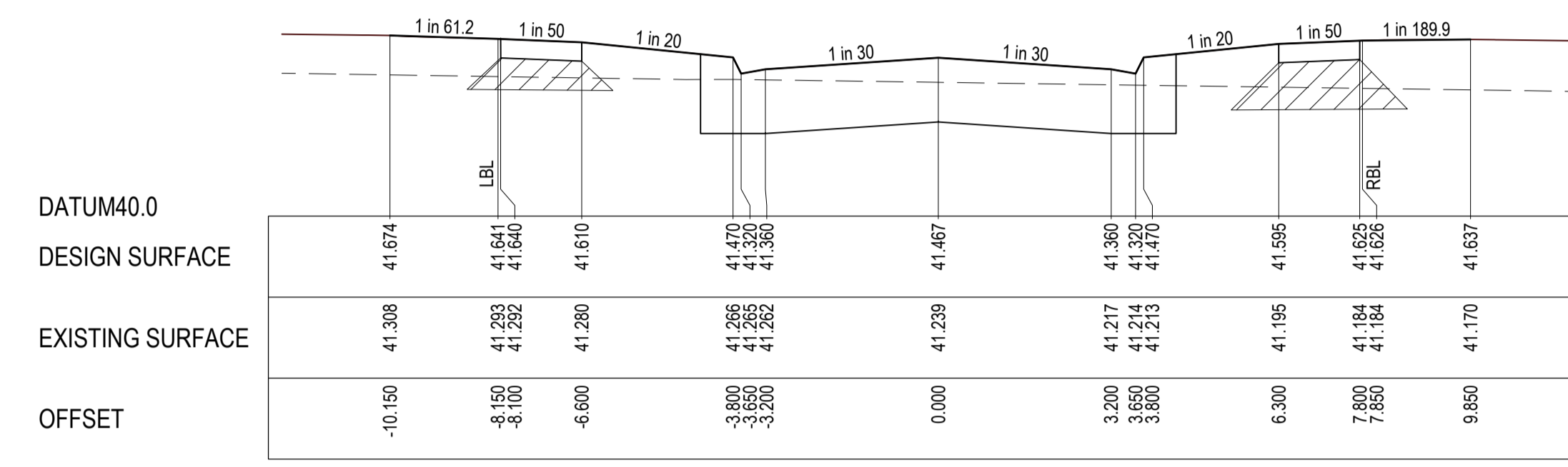
CH 23.850



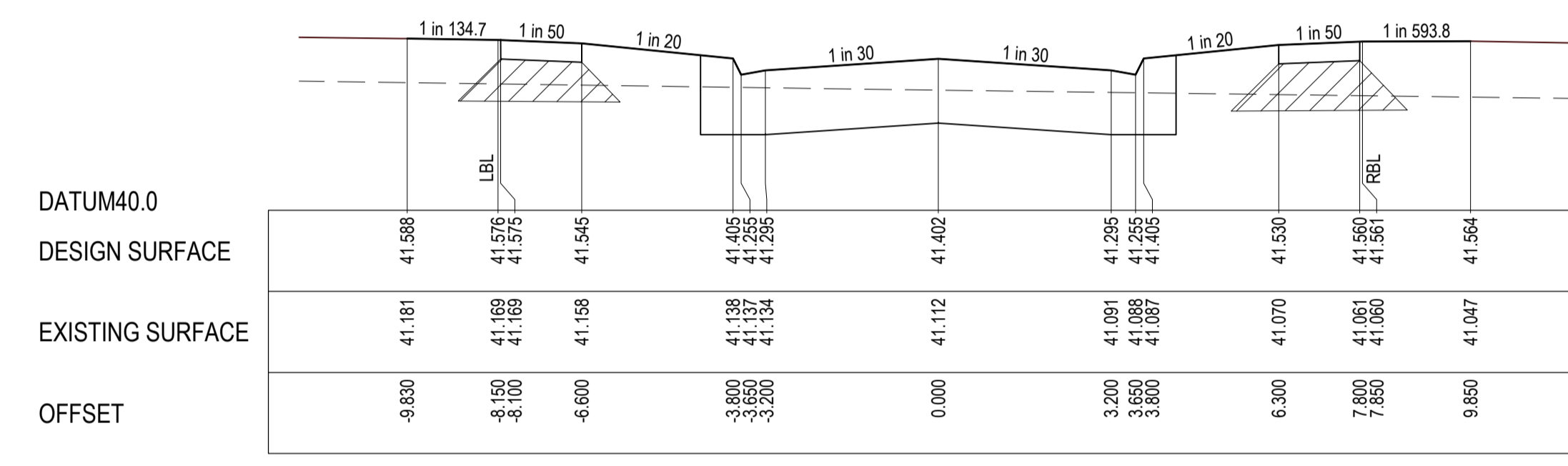
TANGENT POINT CH 11.800



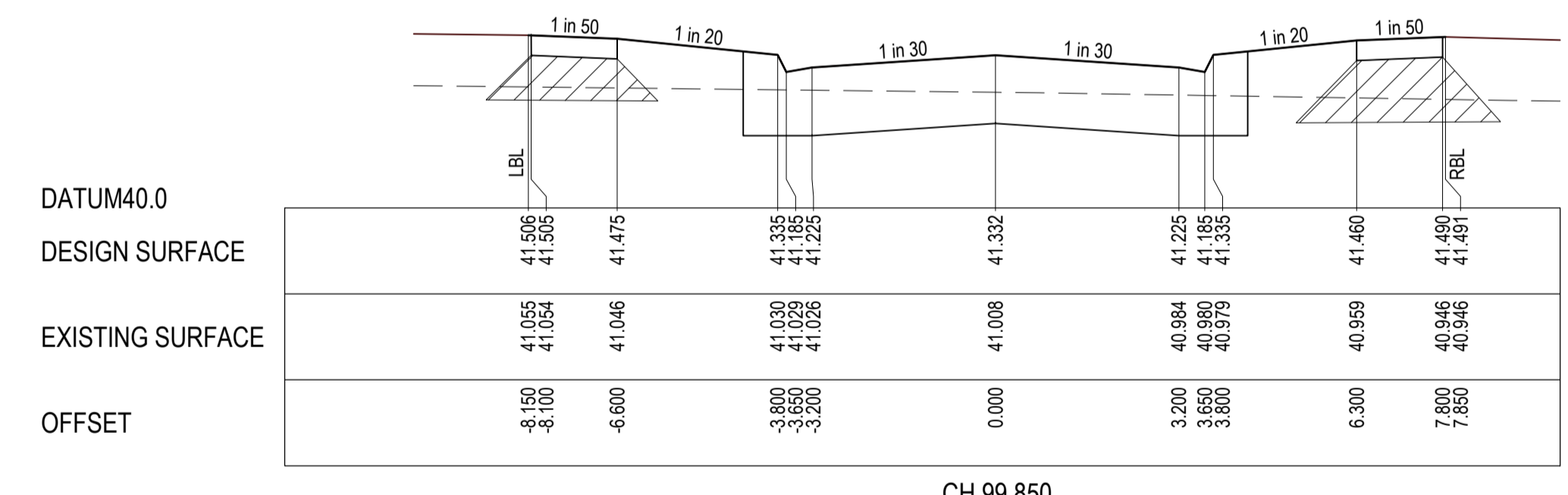
TANGENT POINT CH 142.550



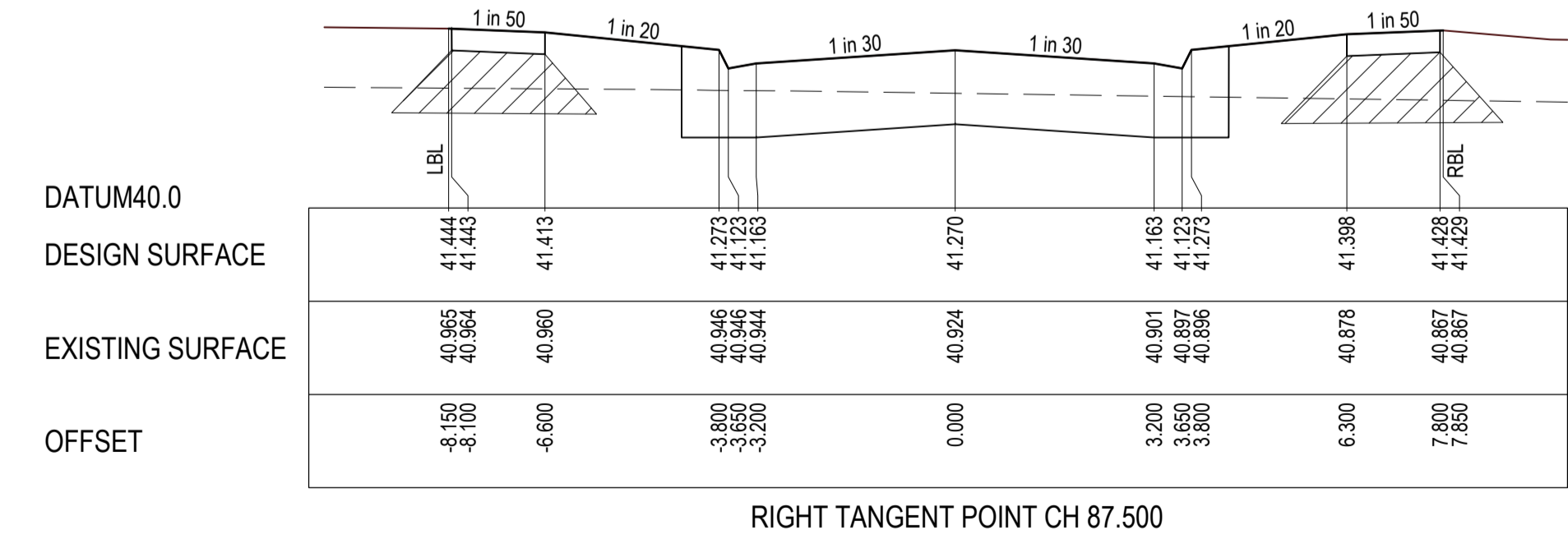
CH 127.850



CH 113.850



CH 99.850



RIGHT TANGENT POINT CH 87.500

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE



ALAMORA - STAGE 19
ROAD CROSS SECTIONS - 2
MASTANI WAY

TENDER
NOT FOR CONSTRUCTION

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

DESIGNED	PROJECT ENGINEER	
I.HOGAN	M.TROUNCE	
DRAWN	PROJECT MANAGER	
I.HOGAN	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.19	R501	B

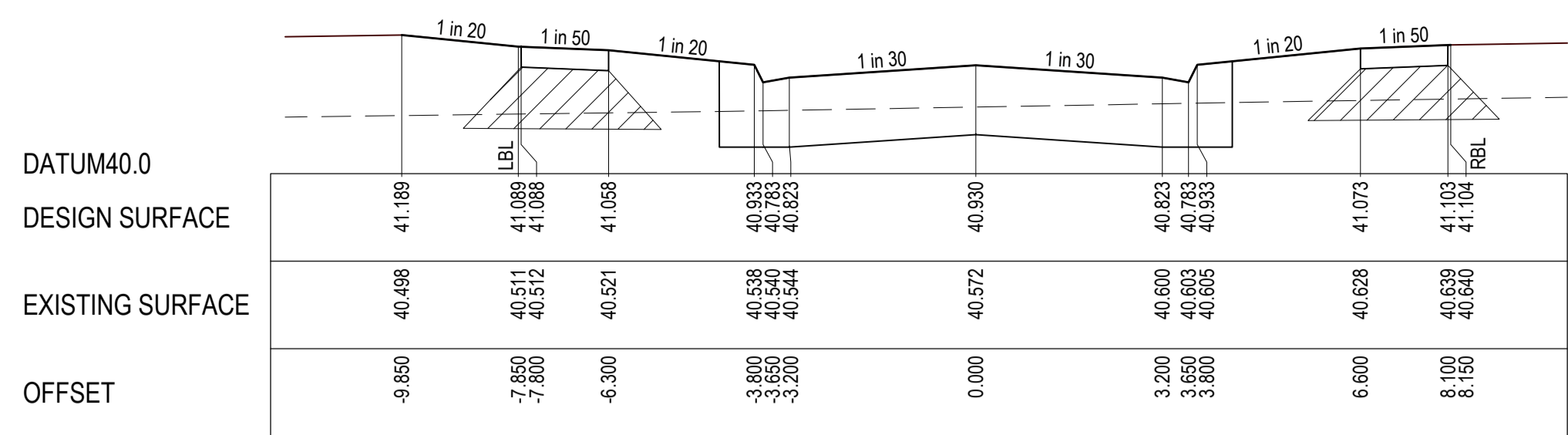
P:\2020\20282 - ALAMORA - TENDER\20282 - B - R501 - ROAD CROSS SECTIONS.DWG

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

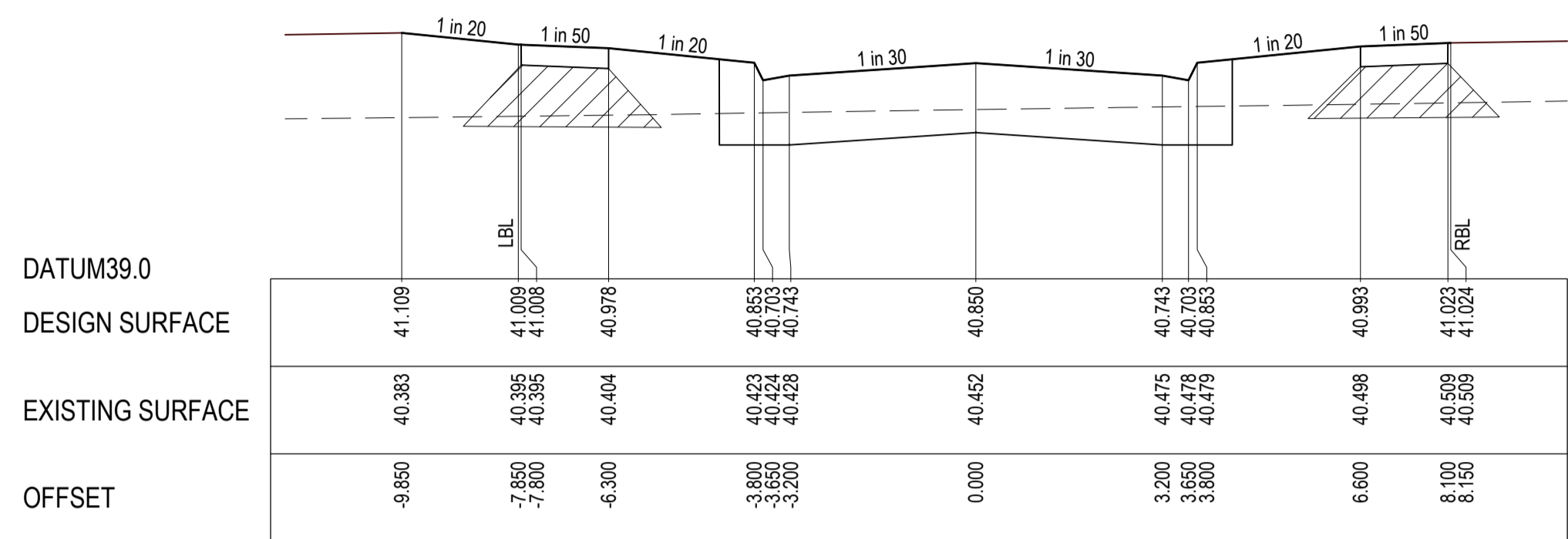
NOTE:
 CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

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

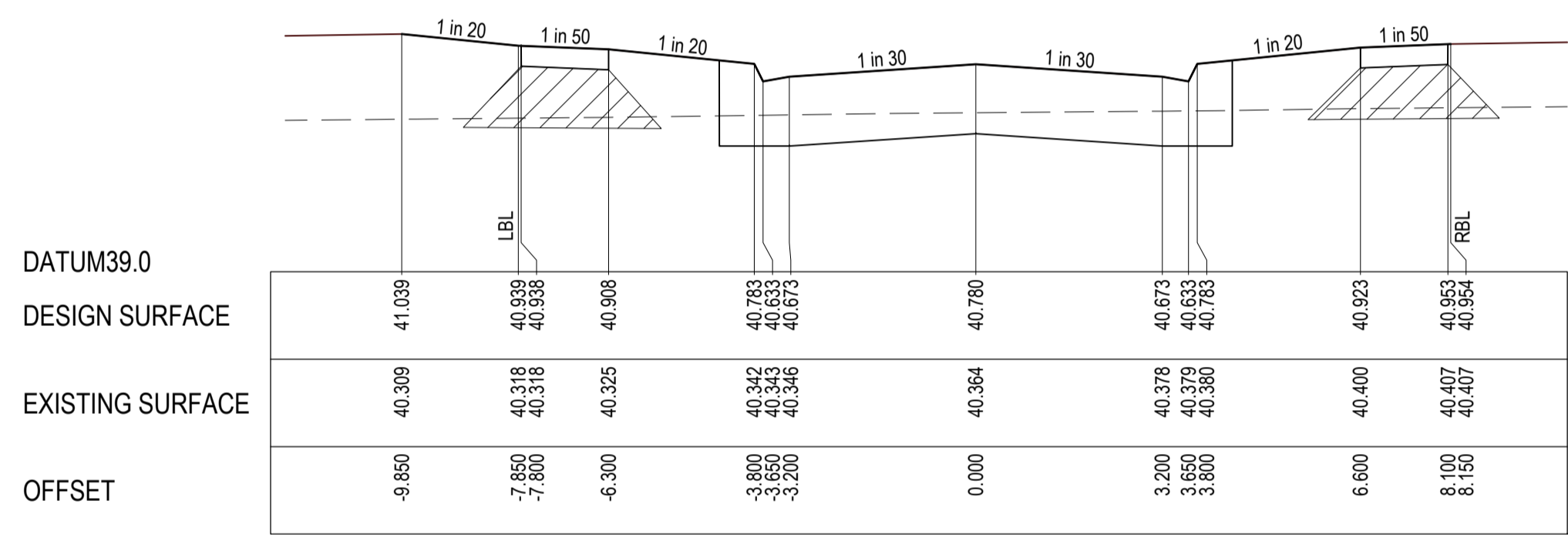
LEGEND
 - - - - - EXISTING SURFACE
 ———— DESIGN LINE
 ▨ SELECT STRUCTURAL FILL



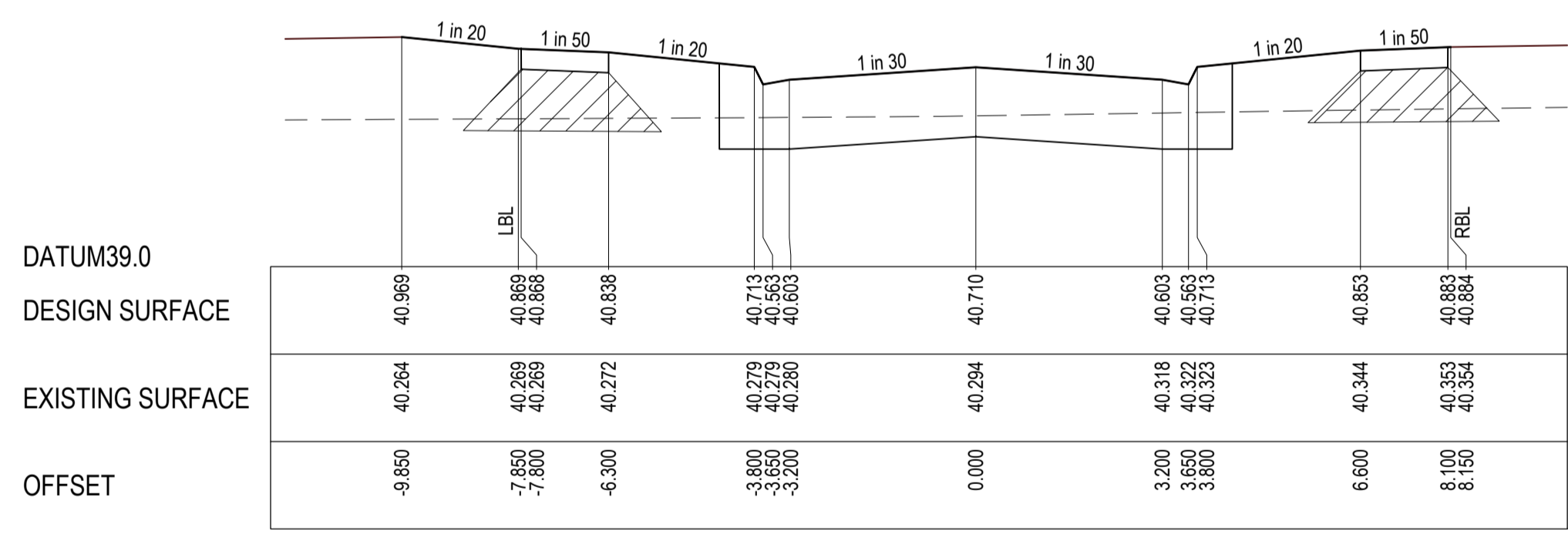
CH 174.746



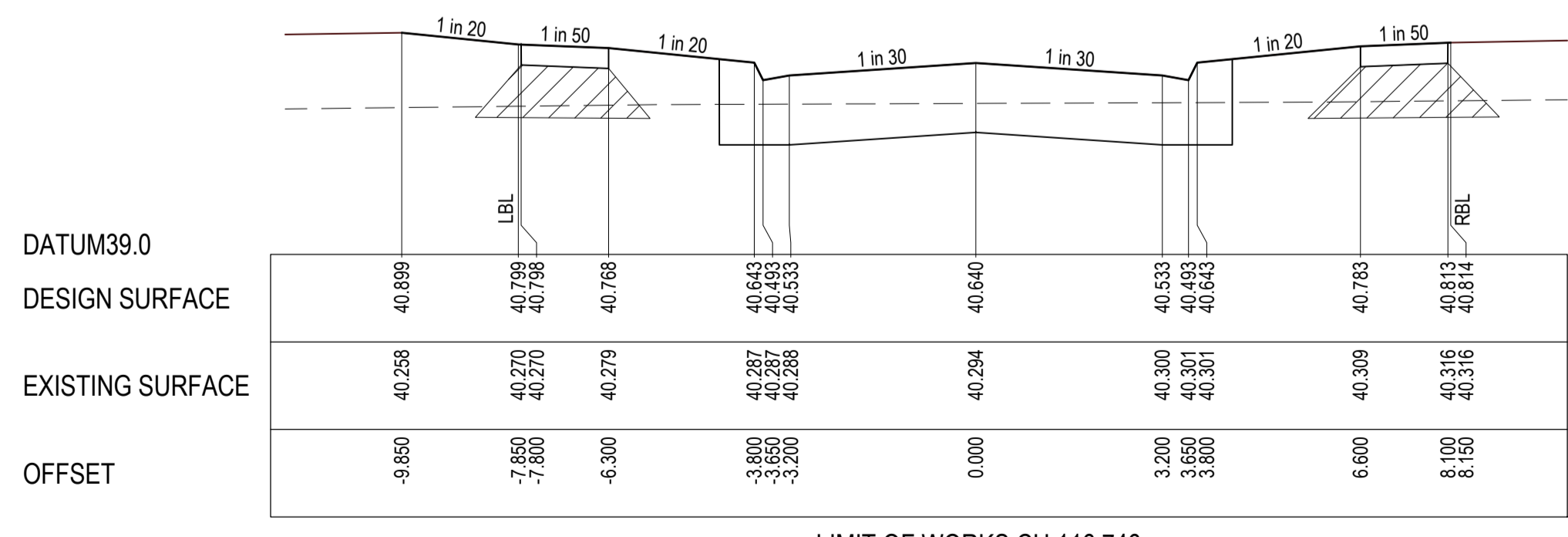
CH 158.746



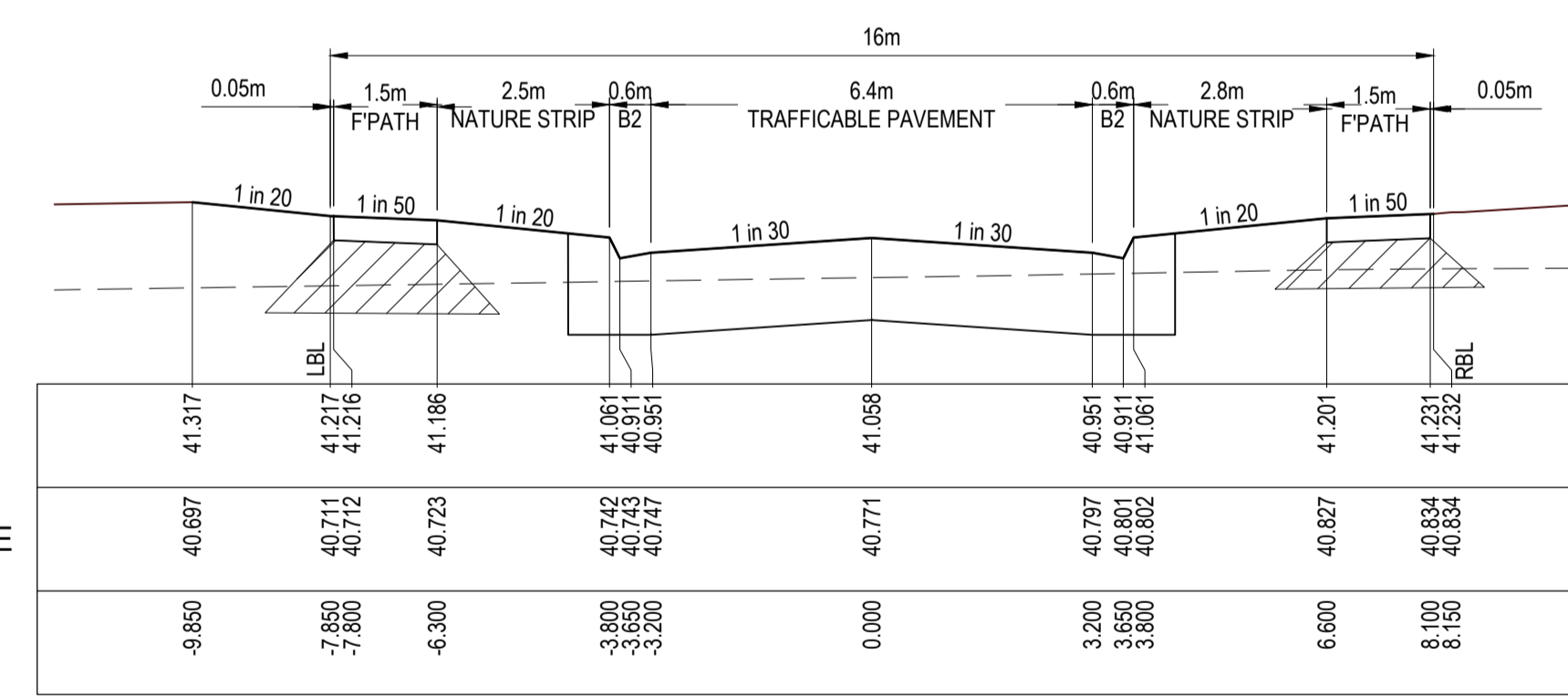
CH 144.746



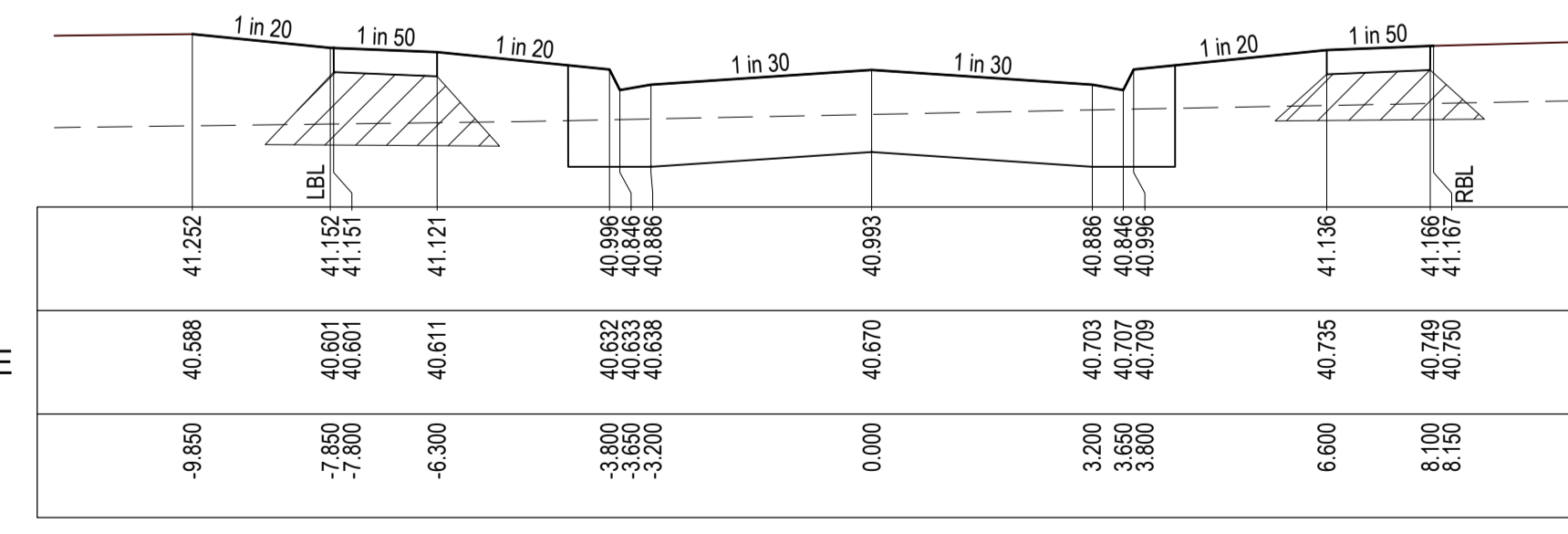
CH 130.746



LIMIT OF WORKS CH 116.746



TANGENT POINT CH 200.296



CH 187.296

P:\2020\20282-ALAMORA-TANGENT\20282-DRAWINGS\ROADS&DRAINAGE\20282-19-R500-ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

CLIENT

Communities Designed for Living

Level 7, 176 Wellington Parade
 East Melbourne, VIC, Australia 3002

PROJECT

DRAWING TITLE

**ALAMORA - STAGE 19
 ROAD CROSS SECTIONS - 3
 NALANDA ROAD**

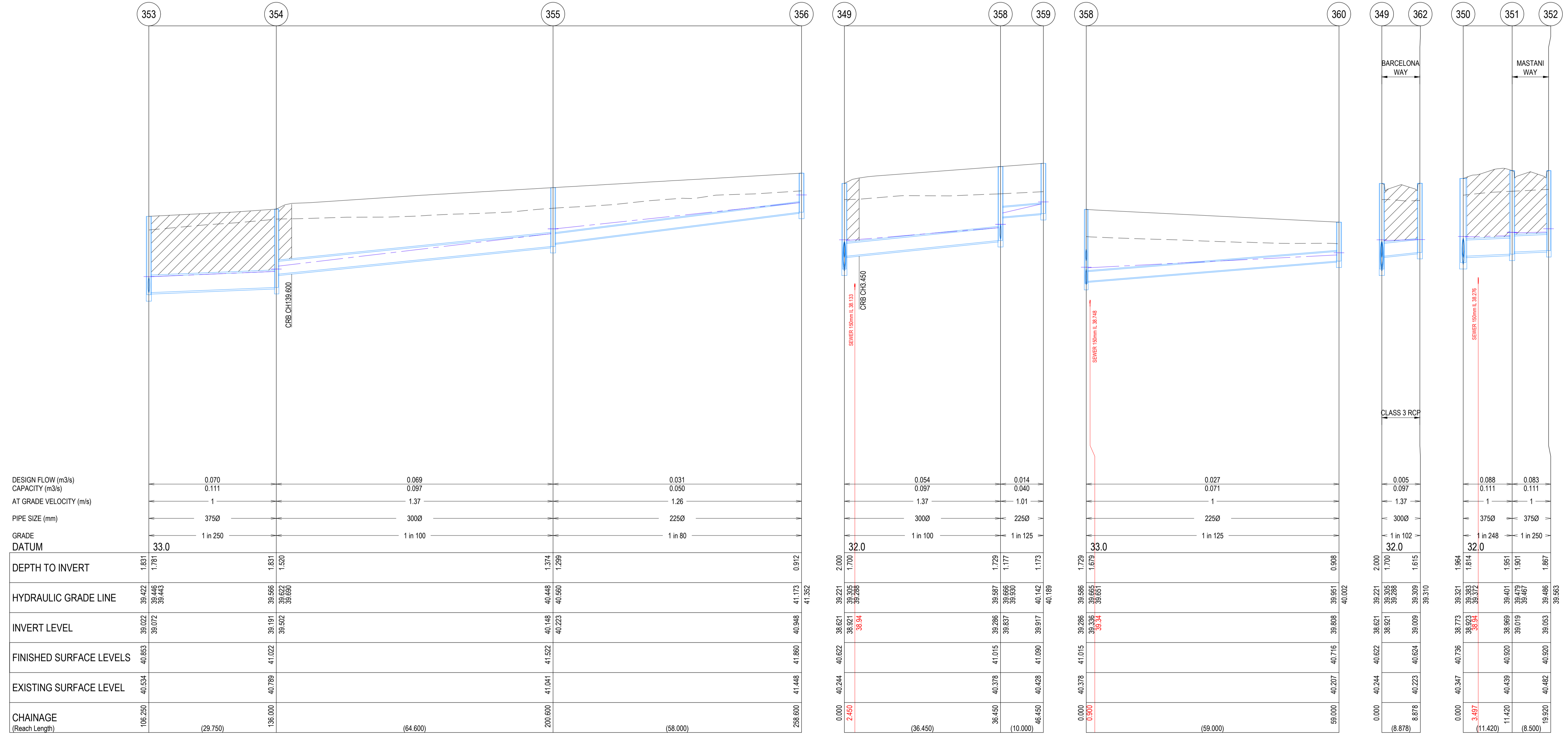
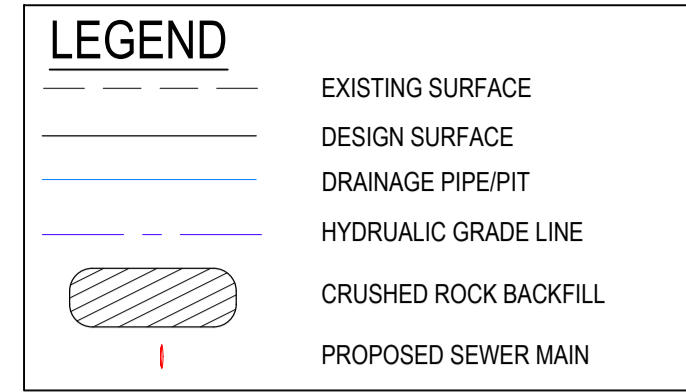
STATUS

**TENDER
 NOT FOR CONSTRUCTION**

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

DESIGNED	PROJECT ENGINEER	
I.HOGAN	M.TROUNCE	
DRAWN	PROJECT MANAGER	
I.HOGAN	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.19	R502	B

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



DESIGN FLOW (m ³ /s)	0.070	0.069	0.031
CAPACITY (m ³ /s)	0.111	0.097	0.050
AT GRADE VELOCITY (m/s)	1	1.37	1.26
PIPE SIZE (mm)	3750	3000	2250
GRADE	1 in 250	1 in 100	1 in 80
DATUM	33.0		
DEPTH TO INVERT	1.831	1.831	0.912
HYDRAULIC GRADE LINE	39.427	39.566	41.173
INVERT LEVEL	39.022	39.091	40.548
FINISHED SURFACE LEVELS	40.853	41.022	41.860
EXISTING SURFACE LEVEL	40.534	40.789	41.448
CHAINAGE (Reach Length)	105.250	135.000	258.600

DEPTH TO INVERT	2.000	1.729	1.713	1.964	1.814	1.951	1.867
HYDRAULIC GRADE LINE	39.221	39.587	39.951	39.321	39.372	39.401	39.486
INVERT LEVEL	38.921	39.637	39.637	38.921	39.372	39.019	39.653
FINISHED SURFACE LEVELS	40.622	41.015	40.716	40.736	40.824	40.920	40.920
EXISTING SURFACE LEVEL	40.244	40.378	40.428	40.244	40.223	40.439	40.482
CHAINAGE (Reach Length)	0.000	36.450	46.450	59.000	8.678	11.420	19.920

P:\2020\20282 - ALAMORA - TENDER\20282 - DRAINAGE\20282 - 19 - R601 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

CLIENT

Communities Designed for Living

PROJECT

Level 7, 176 Wellington Parade
 East Melbourne, VIC, Australia 3002

DRAWING TITLE

**ALAMORA - STAGE 19
 DRAINAGE LONG SECTIONS - 2**

STATUS

**TENDER
 NOT FOR CONSTRUCTION**

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

DESIGNED

I.HOGAN

DRAWN

I.HOGAN

PROJECT No.

200282.19

PROJECT ENGINEER

M.TROUNCE

PROJECT MANAGER

M.TROUNCE

DRAWING No.

R601

REVISION




B

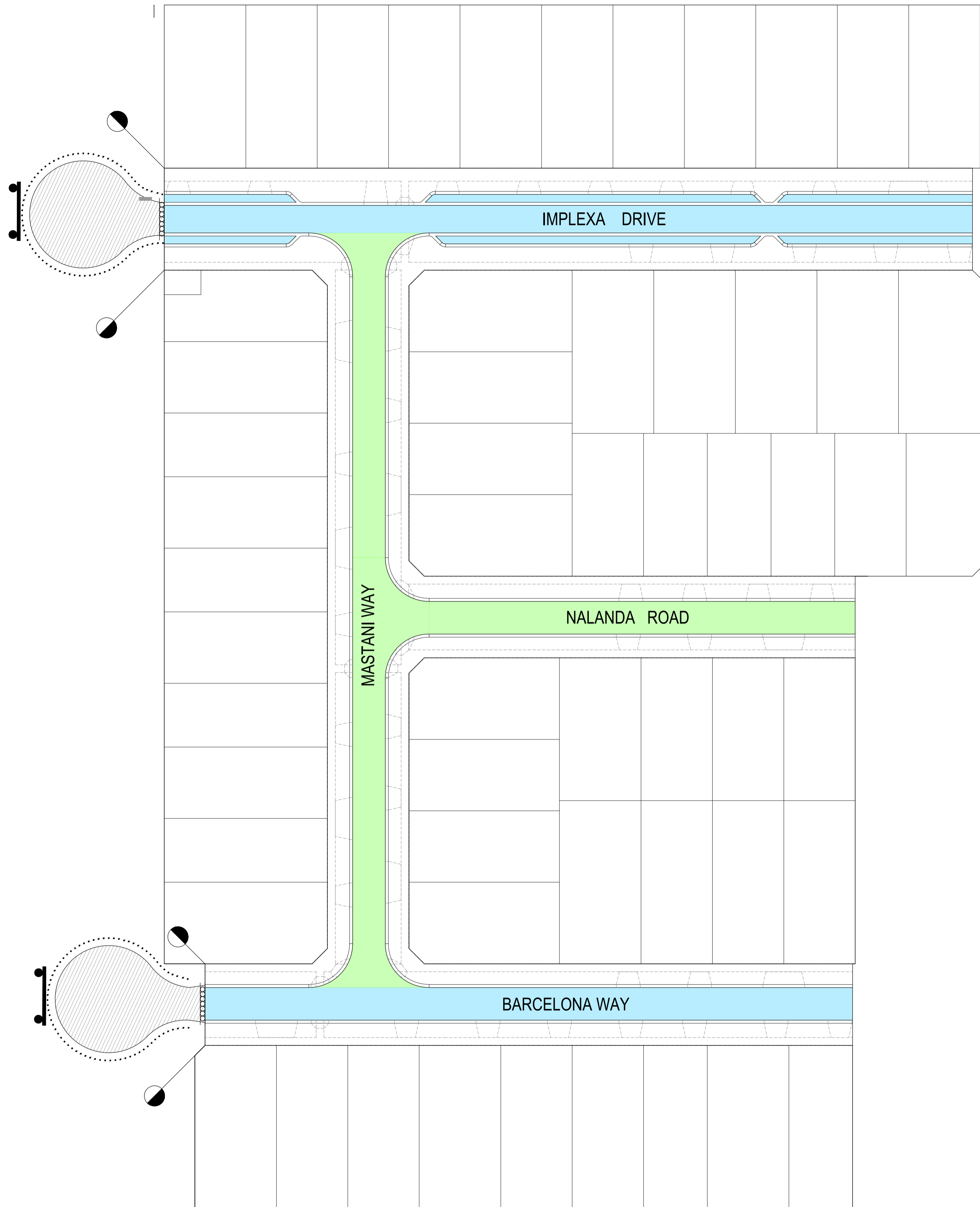
WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
 The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works
DIAL 1100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

PIT SCHEDULE											
PIT NAME	TYPE	INTERNAL		INLET		OUTLET		F.S.L. (m)	DEPTH (m)	STANDARD DRAWING	REMARKS
		WIDTH (mm)	LENGTH (mm)	DIAMETER (mm)	INVERT R.L.(m)	DIAMETER (mm)	INVERT R.L.(m)				
56EP	ENDPIPE			300	38.843	300	38.843	40.139	1.297		CONNECT TO EXISTING ENDPIPE
347	JUNCTION PIT	600	900	225	39.404	300	39.329	40.468	1.138	EDCM 605	
348	JUNCTION PIT	600	900			225	39.824	40.746	0.922	EDCM 605	
45EP	ENDPIPE			600	38.454	600	38.454	40.329	1.875		CONNECT TO EXISTING ENDPIPE
349	GRADED SIDE ENTRY PIT	900	900	525	38.696	600	38.621	40.622	2.000	EDCM 601 & 607	HAUNCHED TO 600 X 900 COVER
				300	38.921						
				300	38.921						
350	GRADED SIDE ENTRY PIT	900	900	375	38.923	525	38.773	40.736	1.964	EDCM 601 & 607	HAUNCHED TO 600 X 900 COVER
351	GRADED SIDE ENTRY PIT	600	900	375	39.019	375	38.969	40.920	1.951	EDCM 601	
352	GRADED SIDE ENTRY PIT	600	900	375	39.103	375	39.053	40.920	1.867	EDCM 601	
				375	38.923						
353	GRADED SIDE ENTRY PIT	600	900	375	39.072	375	39.022	40.853	1.831	EDCM 601	
				300	39.097						
354	JUNCTION PIT	600	900	300	39.502	375	39.191	41.022	1.831	EDCM 605	
355	JUNCTION PIT	600	900	225	40.223	300	40.148	41.522	1.374	EDCM 605	
356	JUNCTION PIT	600	900			225	40.948	41.860	0.912	EDCM 605	
358	JUNCTION PIT	600	900	225	39.836	300	39.286	41.015	1.729	EDCM 605	
				225	39.336						
359	JUNCTION PIT	600	900			225	39.917	41.090	1.173	EDCM 605	
360	JUNCTION PIT	600	900			225	39.808	40.716	0.908	EDCM 605	
362	GRADED SIDE ENTRY PIT	600	900			300	39.009	40.624	1.615	EDCM 601	
363	GRADED SIDE ENTRY PIT	600	900	300	39.475	375	39.400	41.255	1.854	EDCM 601	
				300	39.475						
364	GRADED SIDE ENTRY PIT	600	900	300	39.800	300	39.780	41.450	1.671	EDCM 601	
364A	GRADED SIDE ENTRY PIT	600	900			300	39.885	41.450	1.566	EDCM 601	
365	GRADED SIDE ENTRY PIT	600	900			300	39.597	41.299	1.701	EDCM 601	
366	GRADED SIDE ENTRY PIT	600	900			300	39.182	40.853	1.671	EDCM 601	
30EP	ENDPIPE					300	39.058	40.671	1.613		CONNECT TO EXISTING ENDPIPE
367	GRADED SIDE ENTRY PIT	600	900	300	39.284	300	39.234	40.781	1.547	EDCM 601	
				300	39.254						
368	JUNCTION PIT	600	900	225	39.826	300	39.526	40.953	1.428	EDCM 605	
369	JUNCTION PIT	600	900			225	40.496	41.432	0.937	EDCM 605	
370	GRADED SIDE ENTRY PIT	600	900			300	39.162	40.781	1.619	EDCM 601	
38EP	ENDPIPE					300	39.304	40.954	1.649		CONNECT TO EXISTING ENDPIPE
				300	39.305						
371	JUNCTION PIT	600	900			300	40.277	41.230	0.953	EDCM 605	
8EP	ENDPIPE					750	38.469	40.606	2.137		CONNECT TO EXISTING ENDPIPE
				750	38.655						
372	GRADED SIDE ENTRY PIT	1050	900	675	38.655	750	38.580	40.917	2.337	EDCM 601 & 607	HAUNCHED TO 600 X 900 COVER
				300	39.130						
373	GRADED SIDE ENTRY PIT	1050	900	675	39.219	675	39.169	41.361	2.192	EDCM 601 & 607	HAUNCHED TO 600 X 900 COVER
				300	39.544						
374	JUNCTION PIT	1050	900			675	39.342	41.493	2.240	EDCM 605 & 607	HAUNCHED TO 600 X 900 COVER
				225	39.792						
				FUT. 675	39.253						PROVIDE 675Ø BLOCKOUT IN NORTH WEST WALL FOR FUTURE CONNECTION AT IL = 39.253 BLOCKOUT TO BE CAPPED PRIOR TO BACKFILLING
375	JUNCTION PIT	600	900			225	41.209	42.485	1.276	EDCM 605	
				FUT. 225	41.259						PROVIDE 225Ø BLOCKOUT IN NORTH EAST WALL FOR FUTURE CONNECTION AT IL = 41.259 BLOCKOUT TO BE CAPPED PRIOR TO BACKFILLING
376	GRADED SIDE ENTRY PIT	600	900			300	39.208	40.925	1.717	EDCM 601	
377	GRADED SIDE ENTRY PIT	600	900			300	39.623	41.361	1.738	EDCM 601	

- 1) ALL PIT COVERS TO BE PROVIDED IN ACCORDANCE WITH EDCM 605 - PIT COVER SCHEDULE.
- 2) PITS WITHIN ROAD RESERVES ARE TO BE BACKFILLED AND COMPACTED WITH CLASS 3 FCR IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS AND REQUIREMENTS.

P:\2020\20282 - ALAMORA - TENDER\20282 - DIAL 1100 - DRAFTING\CAD\ROADS & DRAINAGE\20282 - 19 - R600 - DRAINAGE LONG SECTIONS.DWG

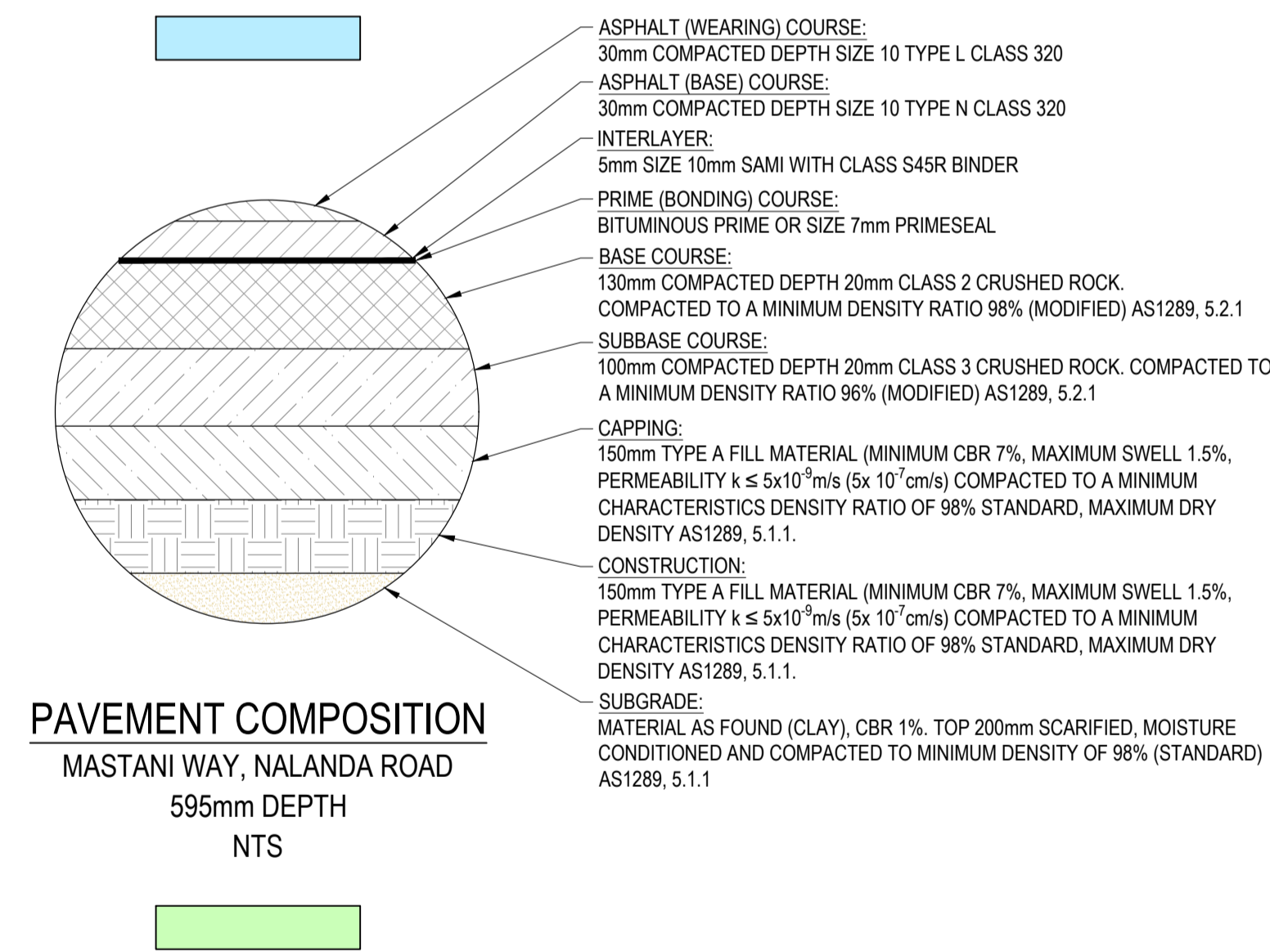
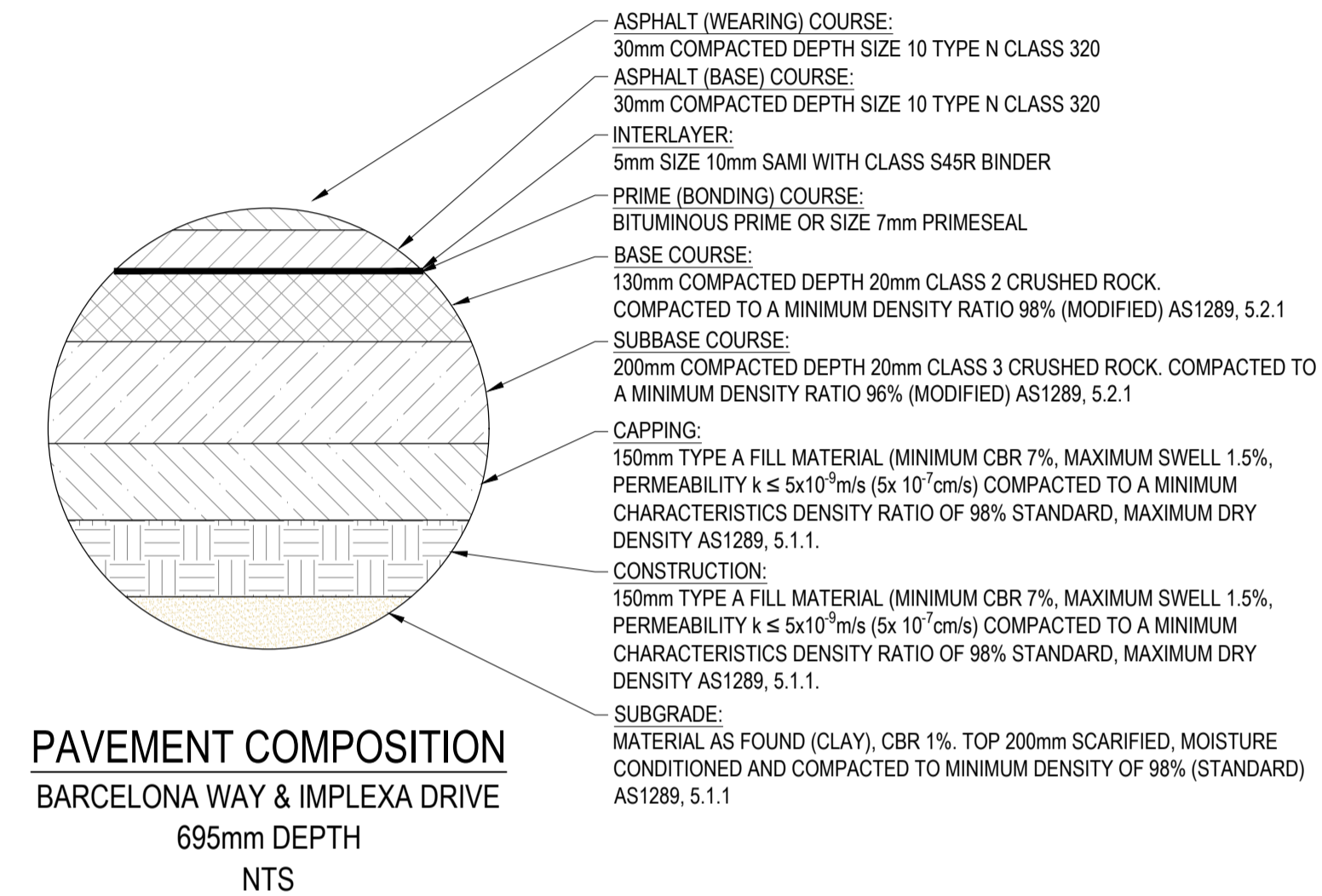
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	DESIGNED	PROJECT ENGINEER	
									TENDER NOT FOR CONSTRUCTION	I.HOGAN	M.TROUNCE	
									SCALE @ A1:	I.HOGAN	M.TROUNCE	
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE					PROJECT No: 200282.19	DRAWING No: R604	REVISION B
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE							



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
BWARE 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
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

CLIENT

villawood
 properties
 Communities Designed for Living

PROJECT

creo
 CONSULTANTS
 Level 7, 176 Wellington Parade
 East Melbourne, VIC, Australia 3002

DRAWING TITLE

ALAMORA
Tarnait

DRAWING TITLE

ALAMORA - STAGE 19
 TYPICAL DETAILS - 1

STATUS

TENDER
 NOT FOR CONSTRUCTION

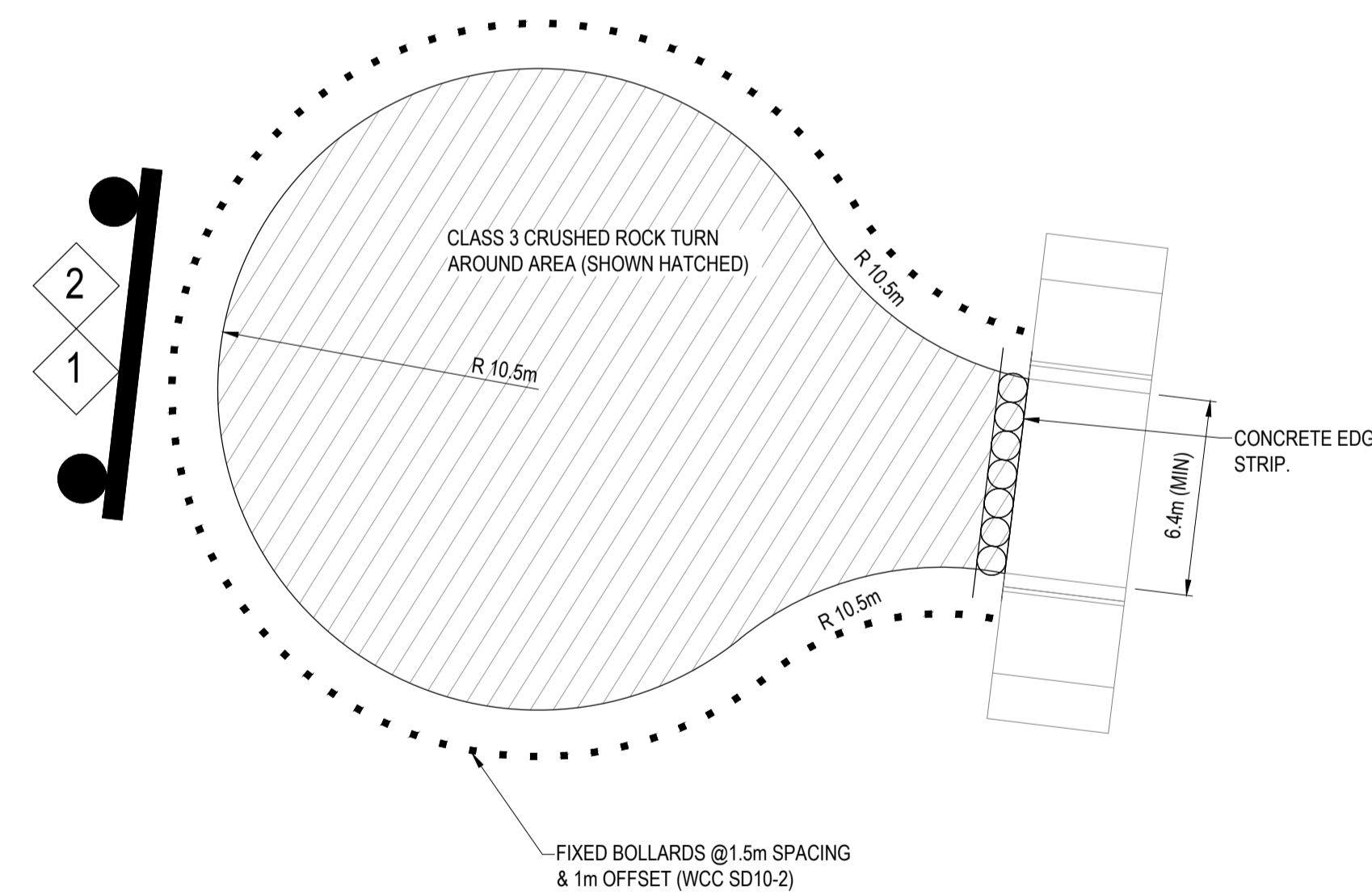
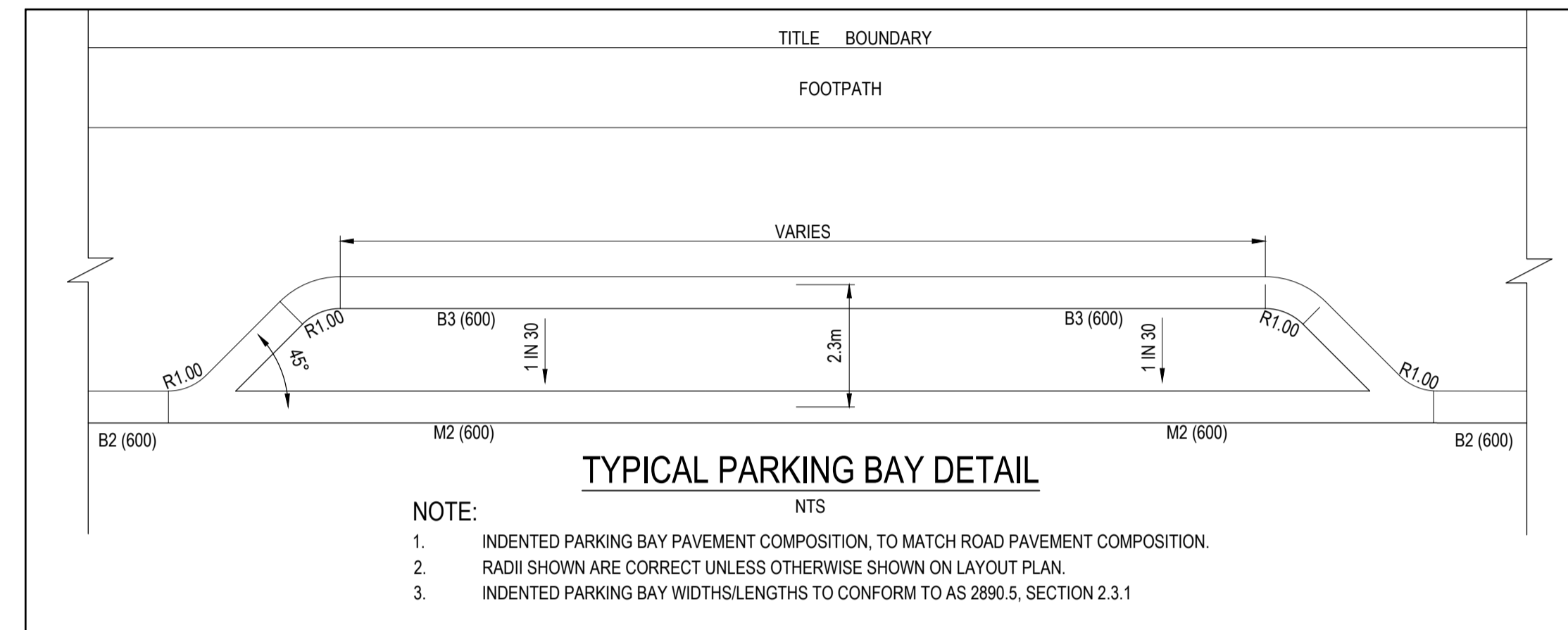
SCALE @ A1:

AS SHOWN

DESIGNED	PROJECT ENGINEER	
I.HOGAN	M.TROUNCE	
DRAWN	PROJECT MANAGER	
I.HOGAN	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.19	R700	B

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.



SIGN SCHEDULE

SIGN	REF
	1
ROAD CLOSED	2

D4-5
T2-4A

TYPICAL TEMPORARY TURN AREA TYPICAL DETAIL
 NTS

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

CLIENT

Communities Designed for Living

PROJECT

Level 7, 176 Wellington Parade
 East Melbourne, VIC, Australia 3002

PROJECT

DRAWING TITLE

ALAMORA - STAGE 19 TYPICAL DETAILS - 2

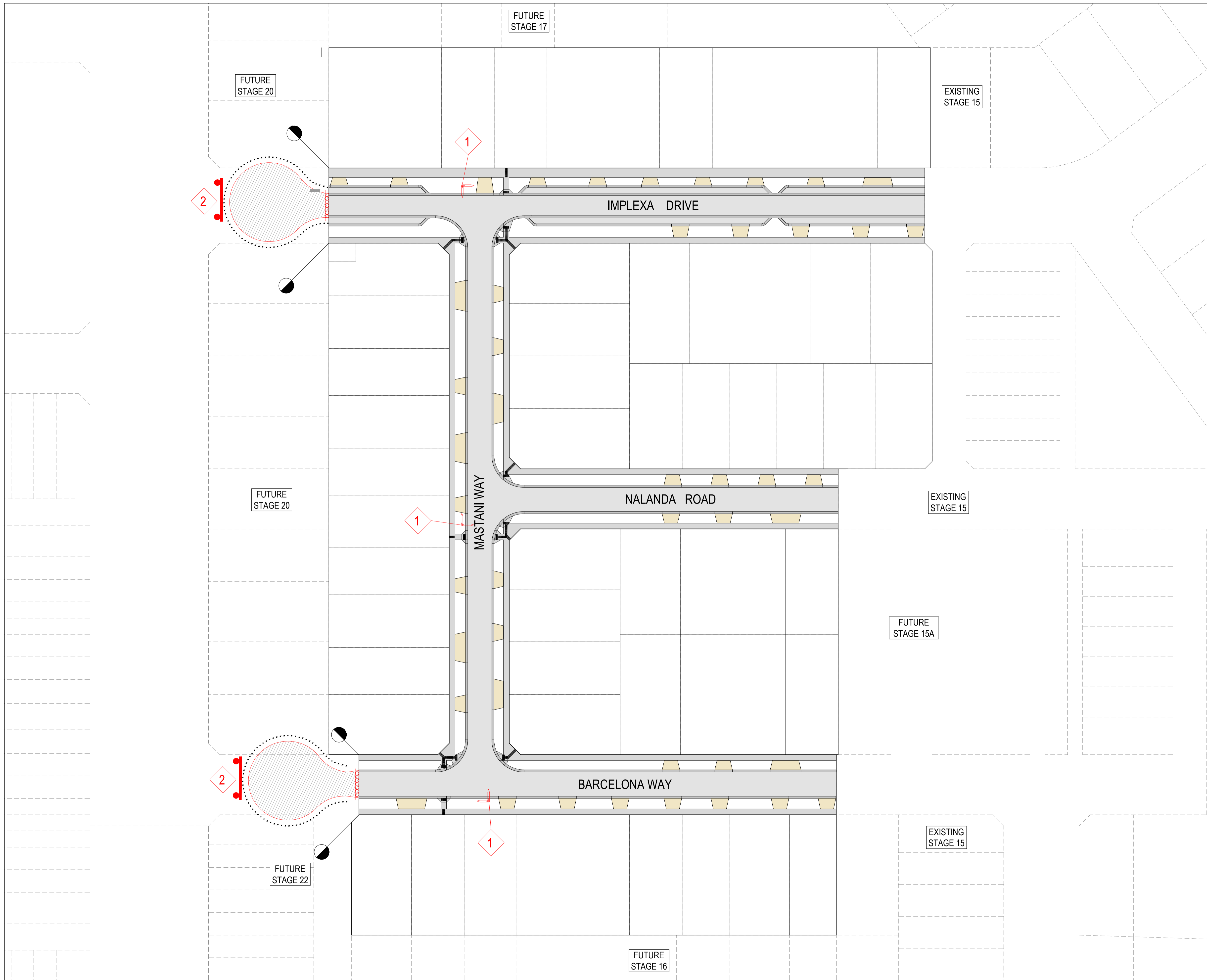
STATUS

TENDER NOT FOR CONSTRUCTION

SCALE @ A1:

AS SHOWN

DESIGNED	PROJECT ENGINEER	
I.HOGAN	M.TROUNCE	
DRAWN	PROJECT MANAGER	
I.HOGAN	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
200282.19	R701	B



SIGN SCHEDULE

SIGN	REF	QUANTITY
	1	REFER TABLE
STREET SIGN		
	T2-4A	2No.
	D4-5	

- 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.
 - 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPMS AT MAX 6m SPACIN.
 - RRPMS TO BE IN ACCORDANCE WITH VICROAD TRAFFIC ENGINEERING MANUAL VOL2.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
B	23/05/24	TENDER ISSUE	I.HOGAN	S.MURAD	M.TROUNCE
A	22/03/24	PRELIMINARY ISSUE	I.HOGAN	S.MURAD	M.TROUNCE

CLIENT

Communities Designed for Living

creo CONSULTANTS

Level 7, 176 Wellington Parade
East Melbourne, VIC, Australia 3002

PROJECT

DRAWING TITLE

**ALAMORA - STAGE 19
SIGNAGE & LINEMARKING**

STATUS

**TENDER
NOT FOR CONSTRUCTION**

SCALE @ A1 : 1:500

DESIGNED I.HOGAN	PROJECT ENGINEER M.TROUNCE
DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE
PROJECT No. 200282.19	DRAWING No. R800
	REVISION B