ALAMORA

STAGE 16

WYNDHAM CITY COUNCIL

TBM POINTS & LOCATIONS				
Name	Type	Easting	Northing	RL
C410SSPL	STAR PICKET	292021.06	5807793.33	41.15
C402SSPL	STAR PICKET	292228.96	5807671.13	40.22
C403SSPL	STAR PICKET	292081.86	5807579.35	39.76

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

NOTES:

GENERAL:

1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE DRAWINGS, CURRENT COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS AND VPA EDCM GUIDELINES TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT & A.S.2124-1992 GENERAL CONDITIONS OF CONTRACT.
2. 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.
3. THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCING CONSTRUCTION.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. BLASTING REQUIRES BLASTING PERMIT FROM COUNCIL.
12. 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:

1. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
2. 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.
3. ALL TBM'S 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:

4. 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.
5. 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.
6. 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.
7. NO TOP SOIL TO BE REMOVED FROM THE SITE WITHOUT THE APPROVAL OF COUNCIL.
8. 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.
9. ALL ALLOTMENTS TO BE GRADED AT A MINIMUM OF 1 IN 150 TO THE LOW CORNER.
10. 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.
11. 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.
12. APPROPRIATE SILTATION CONTROL IS TO BE CARRIED OUT DURING CONSTRUCTION AND MAINTENANCE PERIOD.
13. 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).
14. COMPACTION RESULTS OF EASEMENTS TO BE PROVIDED TO COUNCILS CONSTRUCTION ENGINEER.

ROADS:

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

DRAINAGE:

1. DRAINAGE PIPES SHALL BE RUBBER RING JOINTS REINFORCED CONCRETE CLASS 2, UNLESS OTHERWISE SHOWN.
2. ALL PVC STORM WATER DRAINAGE PIPES TO BE SEWER QUALITY PVC.
3. NO PVC STORM WATER DRAINAGE PIPES TO BE LAID UNDER ROADS.
4. 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.
5. 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.
6. 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.
7. HOUSE DRAINS ARE TO BE CONNECTED DIRECTLY INTO UNDERGROUND DRAINAGE PIPES OR PITS AND OFFSET FROM SIDE BOUNDARY 5.50m WHERE POSSIBLE AS PER EDCM 701. THE LOCATION OF THE HOUSE DRAIN TO BE MARKED AS PER EDCM 303. HOUSE DRAIN LEVEL TO BE A MINIMUM 0.4m BELOW THE LOWEST CORNER OF THE LOT.
8. ALL DRAINAGE PIPES UNDER ROAD PAVEMENT, DRIVEWAY, FOOTPATH & KERB AND CHANNEL SHALL BE BACKFILLED WITH CLASS 3 F.C.R.
9. PRIOR TO THE ISSUE OF STATEMENT OF COMPLIANCE, ALL DRAINS ARE TO BE CCTV TESTED AND THE RESULTS PROVIDED TO COUNCIL.
10. SUBSURFACE DRAINS ARE TO BE LAID BEHIND ALL KERB AND CHANNEL AS PER EDCM 202.
11. 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.
12. WHERE DRAINAGE AND SEWER ARE IN CLOSE PROXIMITY, COMPACTION TO BE IN ACCORDANCE WITH SD6-10.

UTILITIES:

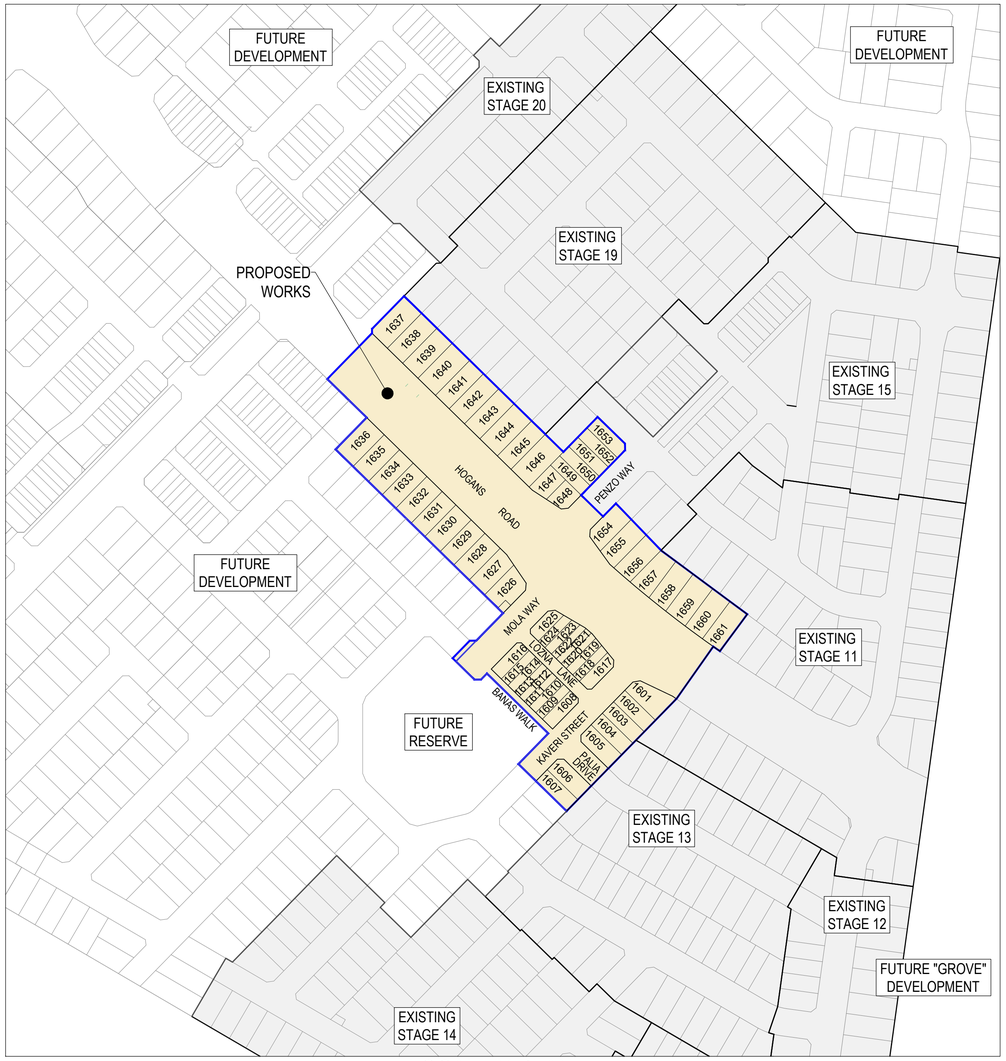
13. SERVICE CONDUITS ARE TO BE INSTALLED AT THE LOCATIONS SHOWN ON THIS DRAWING. LOCATION OF ALL UNDERGROUND SERVICE CONDUITS TO BE MARKED ON KERB & CHANNEL AS PER EDCM 303. SERVICE CONDUITS THAT ARE SUBJECT TO AMENDMENT SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT.
14. ALL CONDUIT TRENCHES UNDER ROAD PAVEMENT, DRIVEWAY, FOOTPATH & KERB AND CHANNEL SHALL BE BACKFILLED WITH CLASS 2 F.C.R.
15. NBN TO BE NOTIFIED AT LEAST SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
16. NBN PITS ARE TO BE CLEAR OF PATHS - WITH THE EXCEPTION OF NEMI PARADE (WEST SIDE).
17. LOCATION OF ELECTRICITY AND VUF CONDUITS WILL BE PROVIDED ON SEPARATE DRAWINGS.
18. 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:

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

STRUCTURAL:

1. 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'.
2. ALL STRUCTURAL WORK MUST BE SUPERVISED BY A QUALIFIED STRUCTURAL ENGINEER.



LOCALITY PLAN

MELWAYS REF: 234 E7

Drawing Index

Drawing No.	Drawing Title	Revision
R100	COVER SHEET	0
R200	LAYOUT PLAN	0
R201	SERVICES PLAN	0
R202	EARTHWORKS PLAN	0
R203	TYPICAL CROSS SECTIONS	0
R300	INTERSECTION DETAILS - 1	0
R301	INTERSECTION DETAILS - 2	0
R302	INTERSECTION DETAILS - 3	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
R505	ROAD CROSS SECTIONS - 6	0
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R600	DRAINAGE LONG SECTIONS - 1	0
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R700	TYPICAL DETAILS	0
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R800	SIGNAGE & LINEMARKING - 1	0
R801	SIGNAGE & LINEMARKING - 2	0
R900	CONCRETE JOINTING PLAN	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

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NOTE:

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

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
D	12/02/25	DRAWNG INDEX UPDATED - COUNCIL COMMENTS	S.M	A.W	M.T
C	15/01/25	DRAWNG INDEX UPDATED - COUNCIL COMMENTS	A.W	A.W	M.T
B	13/12/24	LOT1639/1640 ADDED BUS STOP/DRIVEWAYS REVISED	SM	AW	MT
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

DRAWING TITLE: ALAMORA - STAGE 16 COVER SHEET

STATUS: ISSUED FOR CONSTRUCTION

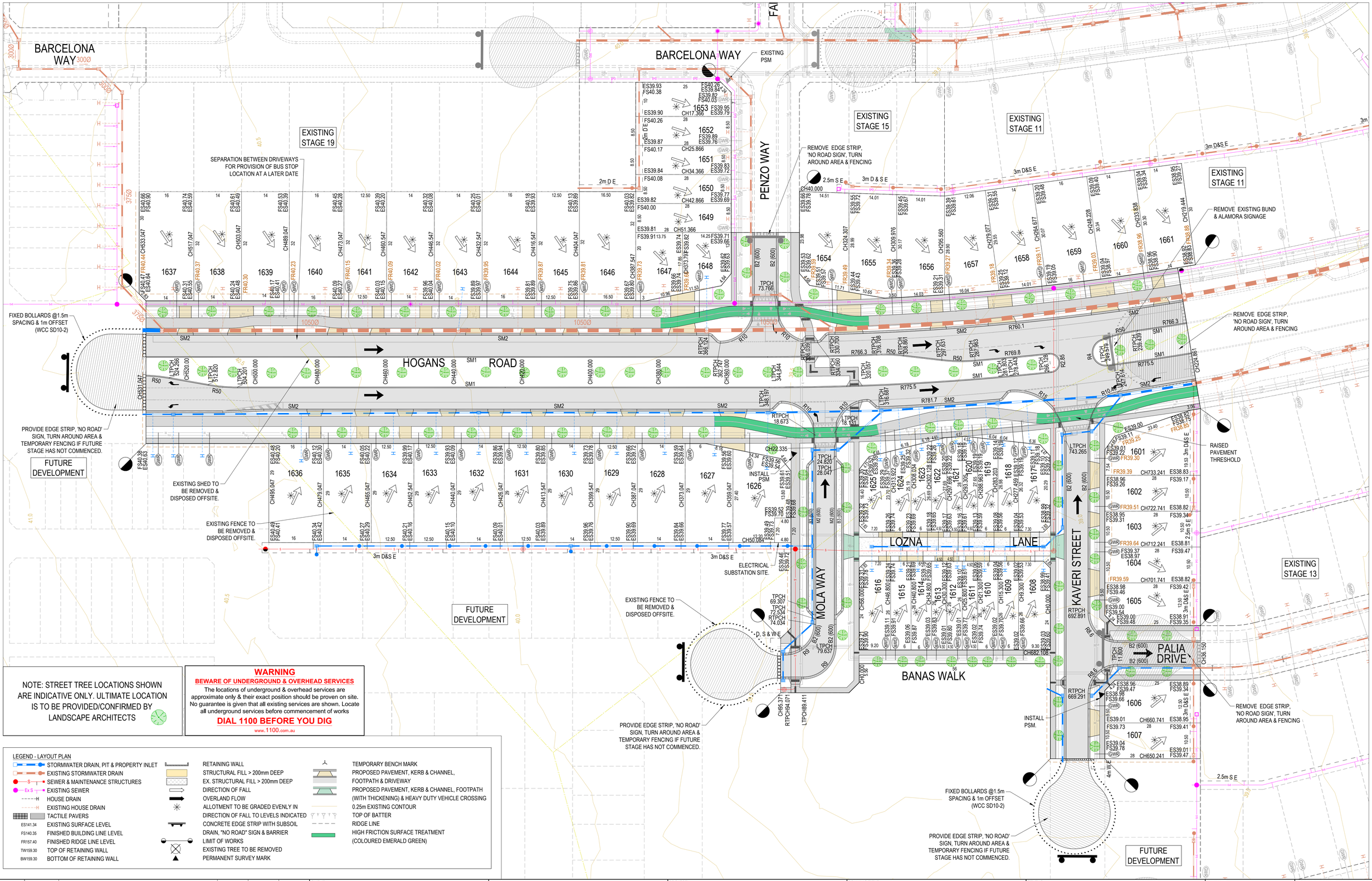
SCALE @ A1 : 1:2000 — 20 0 20 40 60 80 100

N

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R100	0

P:\200\200282 - ALAMORA, TARNEIT\200282.16\CIVIL\2. DRAFTING\ACAD\ROADS & DRAINAGE\200282.16 - R100 - COVER SHEET.DWG



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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LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- EXISTING STORMWATER DRAIN
- SEWER & MAINTENANCE STRUCTURES
- EXISTING SEWER
- HOUSE DRAIN
- EXISTING HOUSE DRAIN
- TACTILE PAVERS
- 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
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH (WITH THICKENING) & HEAVY DUTY VEHICLE CROSSING
- 0.25m EXISTING CONTOUR
- TOP OF BATTER
- RIDGE LINE
- HIGH FRICTION SURFACE TREATMENT (COLOURED EMERALD GREEN)

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
C	15/01/25	COUNCIL COMMENTS	A.W	A.W	M.T
B	13/12/24	LOT1639/1640 ADDED BUS STOP/DRIVEWAYS REVISED	SM	AW	MT
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

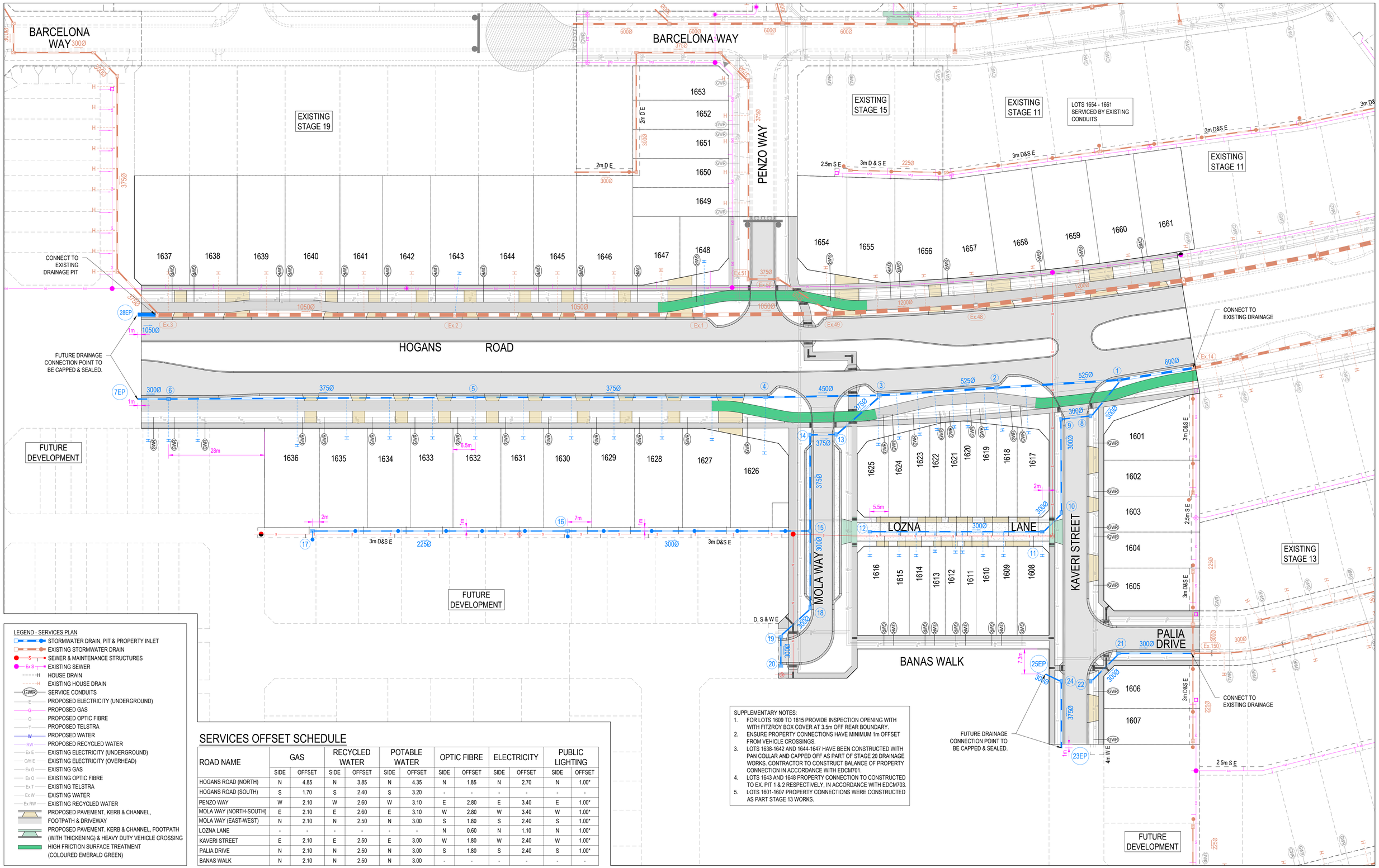
DRAWING TITLE: ALAMORA - STAGE 16 LAYOUT PLAN

STATUS: **ISSUED FOR CONSTRUCTION**

SCALE @ A1 : 1:500 (0 5 10 20 30)

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R200	0



LEGEND - SERVICES PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- EXISTING STORMWATER DRAIN
- SEWER & MAINTENANCE STRUCTURES
- EXISTING SEWER
- HOUSE DRAIN
- EXISTING 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
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH (WITH THICKENING) & HEAVY DUTY VEHICLE CROSSING
- HIGH FRICTION SURFACE TREATMENT (COLOURED EMERALD GREEN)

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
HOGANS ROAD (NORTH)	N	4.85	N	3.85	N	4.35	N	1.85	N	2.70	N	1.00*
HOGANS ROAD (SOUTH)	S	1.70	S	2.40	S	3.20	-	-	-	-	-	-
PENZO WAY	W	2.10	W	2.60	W	3.10	E	2.80	E	3.40	E	1.00*
MOLA WAY (NORTH-SOUTH)	E	2.10	E	2.60	E	3.10	W	2.80	W	3.40	W	1.00*
MOLA WAY (EAST-WEST)	N	2.10	N	2.50	N	3.00	S	1.80	S	2.40	S	1.00*
LOZNA LANE	-	-	-	-	-	-	N	0.60	N	1.10	N	1.00*
KAVERI STREET	E	2.10	E	2.50	E	3.00	W	1.80	W	2.40	W	1.00*
PALIA DRIVE	N	2.10	N	2.50	N	3.00	S	1.80	S	2.40	S	1.00*
BANAS WALK	N	2.10	N	2.50	N	3.00	-	-	-	-	-	-

1. * DENOTES OFFSET FROM BACK OF KERB.

SUPPLEMENTARY NOTES:

1. FOR LOTS 1609 TO 1615 PROVIDE INSPECTION OPENING WITH WITH FITZROY BOX COVER AT 3.5m OFF REAR BOUNDARY.
2. ENSURE PROPERTY CONNECTIONS HAVE MINIMUM 1m OFFSET FROM VEHICLE CROSSINGS.
3. LOTS 1638-1642 AND 1644-1647 HAVE BEEN CONSTRUCTED WITH PAN COLLAR AND CAPPED OFF AS PART OF STAGE 20 DRAINAGE WORKS. CONTRACTOR TO CONSTRUCT BALANCE OF PROPERTY CONNECTION IN ACCORDANCE WITH EDCM701.
4. LOTS 1643 AND 1648 PROPERTY CONNECTION TO CONSTRUCTED TO EX. PIT 1 & 2 RESPECTIVELY, IN ACCORDANCE WITH EDCM703.
5. LOTS 1601-1607 PROPERTY CONNECTIONS WERE CONSTRUCTED AS PART STAGE 13 WORKS.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
C	15/01/25	COUNCIL COMMENTS	A.W	A.W	M.T
B	13/12/24	LOT1639/1640 ADDED BUS STOP/DRIVEWAYS REVISED	SM	AW	MT
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

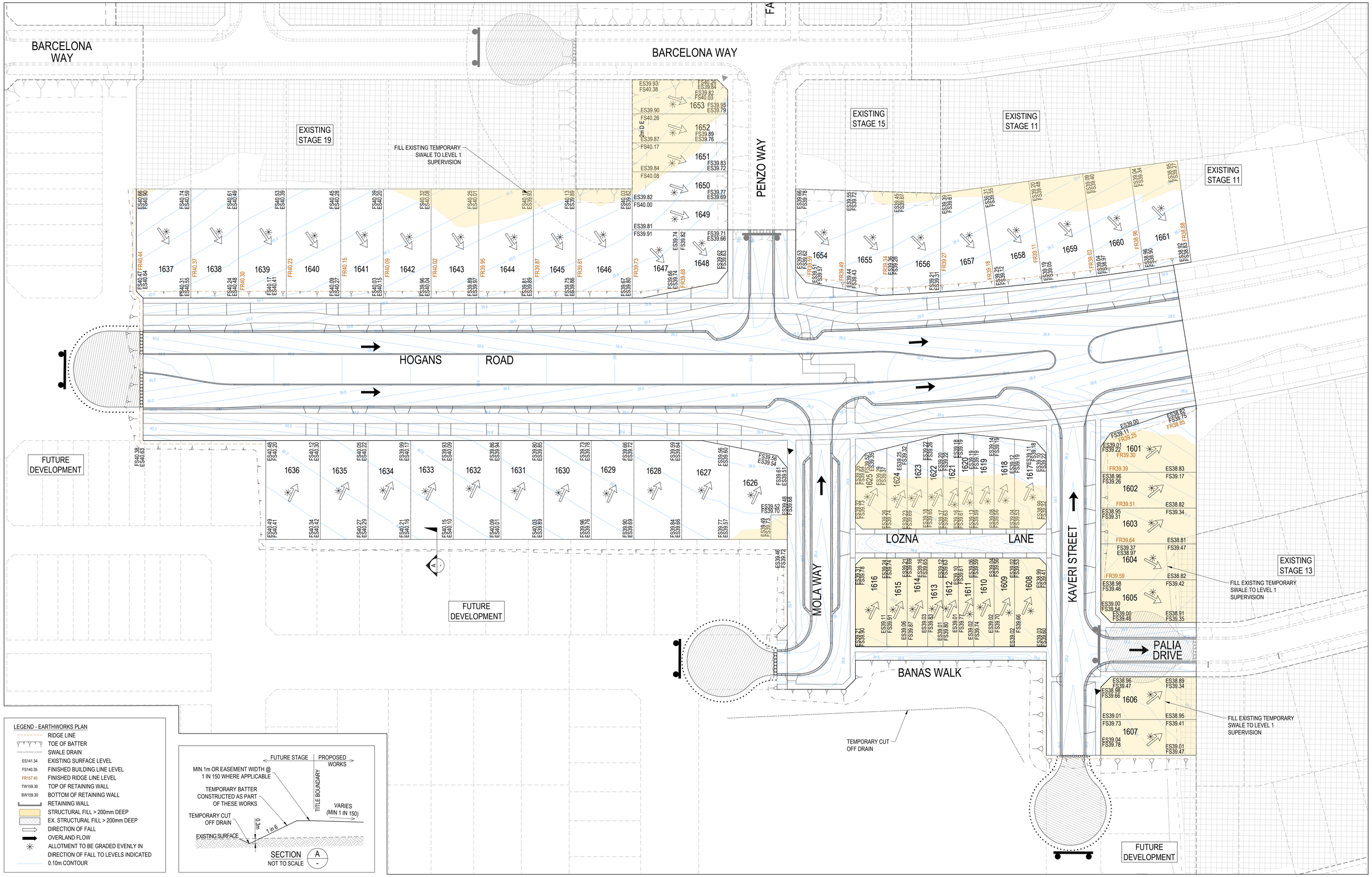
DRAWING TITLE: ALAMORA - STAGE 16 SERVICES PLAN

STATUS: ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:500 (0 5 10 20 30)

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R201	0



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A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

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

PROJECT: ALAMORA Tarneit

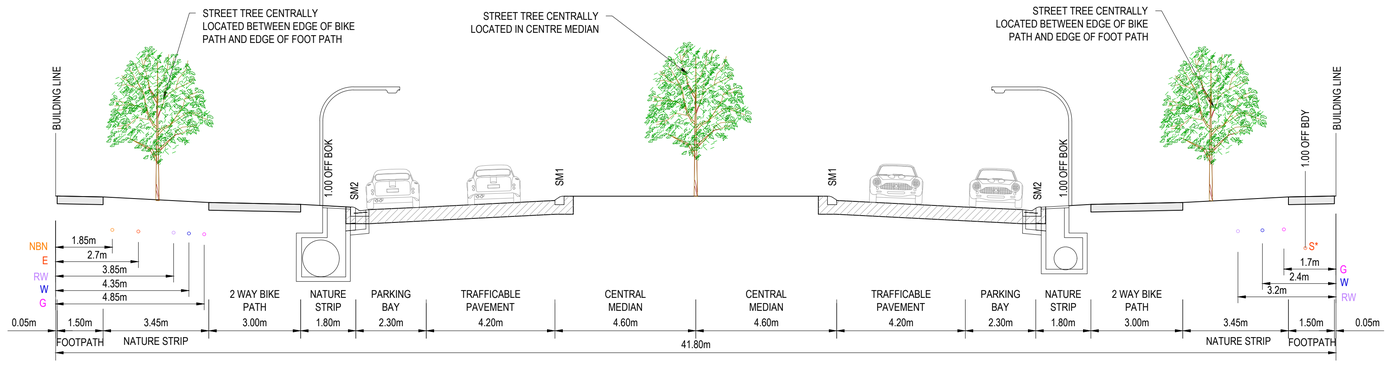
DRAWING TITLE: ALAMORA - STAGE 16 EARTHWORKS PLAN

STATUS: ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:500 (0 5 10 20 30)

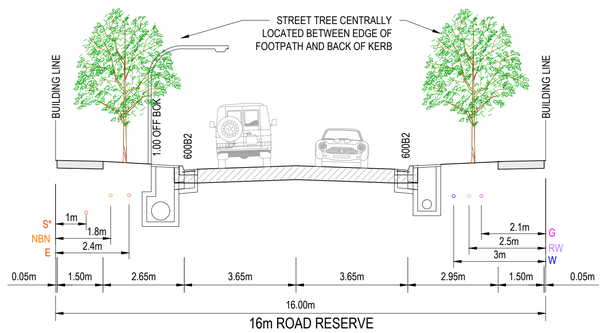
DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R202	0

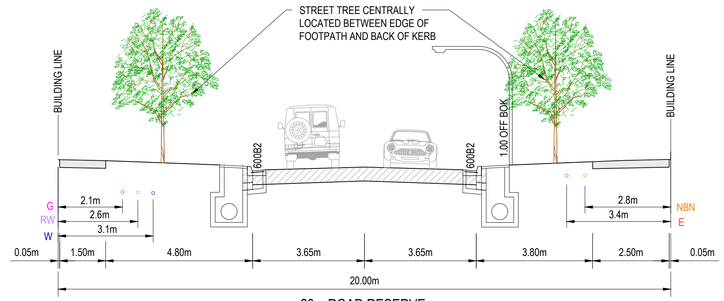


41.8m ROAD RESERVE
TWO WAY CROSSFALL
HOGANS ROAD (WEST LIMIT OF WORKS - LOT 1637)

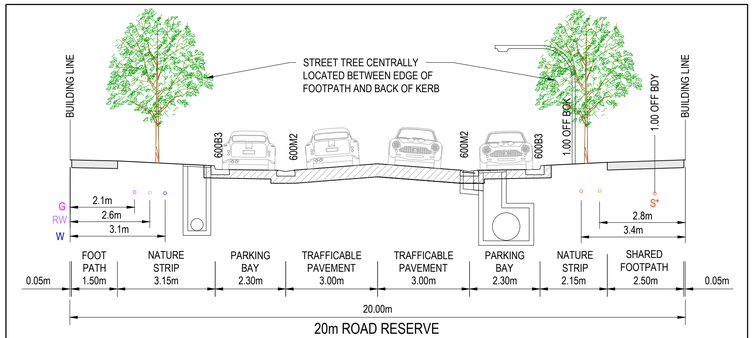
*NOMINATED SEWER OFFSET ONLY. SEWER NOT REQUIRED TO BE RETICULATED ALONG ALL ROADS.



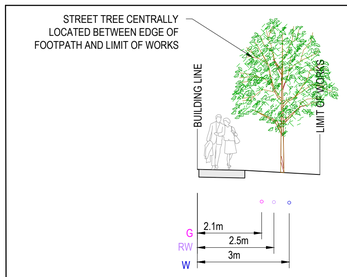
16m ROAD RESERVE
TWO WAY CROSSFALL
KAVERI STREET PALIA DRIVE & MOLA WAY (EAST-WEST)
*NOMINATED SEWER OFFSET ONLY. SEWER NOT REQUIRED TO BE RETICULATED ALONG ALL ROADS.



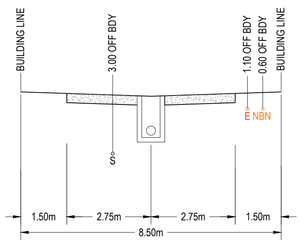
20m ROAD RESERVE
TWO WAY CROSSFALL
PENZO WAY
*NOMINATED SEWER OFFSET ONLY. SEWER NOT REQUIRED TO BE RETICULATED ALONG ALL ROADS.



20m ROAD RESERVE
TWO WAY CROSSFALL
MOLA WAY (NORTH - SOUTH)
*NOMINATED SEWER OFFSET ONLY. SEWER NOT REQUIRED TO BE RETICULATED ALONG ALL ROADS.



BANAS WALK
ONE WAY CROSSFALL
NTS



LOZNA LANE
TWO WAY CROSSFALL
NTS

CROSS FALLS
PAVEMENT: 3.33%
FOOTPATH: 2%
NATURE STRIP: 2% -5%

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	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

DRAWING TITLE: **ALAMORA - STAGE 16 TYPICAL CROSS SECTIONS**

STATUS: **ISSUED FOR CONSTRUCTION**

SCALE @ A1 :

DESIGNED	PROJECT ENGINEER	
S.M	M.T	
DRAWN	PROJECT MANAGER	
S.M	M.T	
PROJECT No.	DRAWING No.	REVISION
200282.16	R203	0

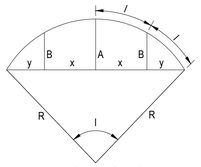
LEGEND - INTERSECTION PLAN

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

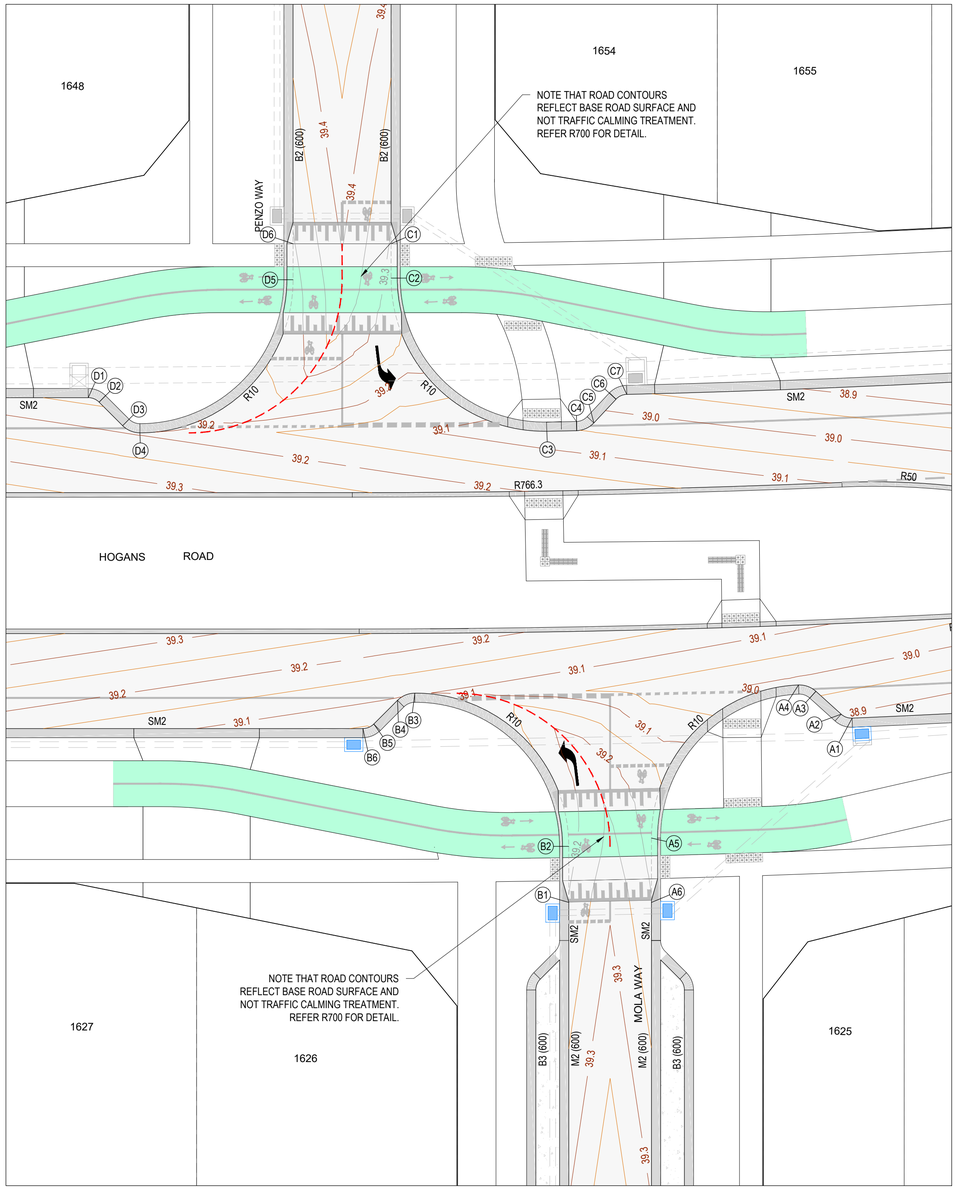
LEGEND - SECTION

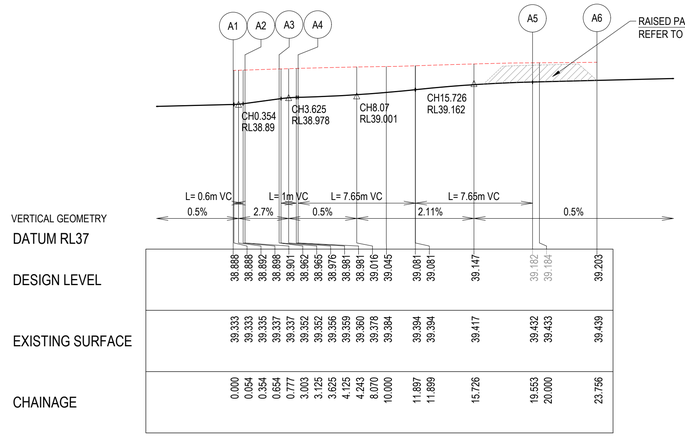
- EXISTING SURFACE
- DESIGN LINE

NOTE
FOR SIGNS & LINEMARKING PLAN REFER SHEETS R800.



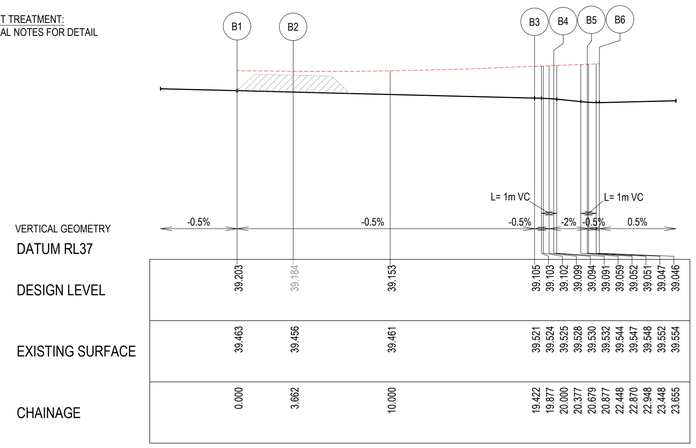
LIP PROFILE SETOUT





DESIGN LEVEL	38.888	38.888	38.892	38.898	38.901	38.962	38.965	38.976	38.981	38.981	39.016	39.045	39.081
	39.081	39.147	39.182	39.184	39.203								
EXISTING SURFACE	39.333	39.333	39.335	39.337	39.337	39.352	39.352	39.356	39.359	39.360	39.378	39.384	39.394
	39.394	39.417	39.432	39.433	39.439								
CHAINAGE	0.000	0.054	0.354	0.654	0.777	3.003	3.125	3.625	4.125	4.243	8.070	10.000	11.897
	11.899	15.726	19.553	20.000	23.756								

LIP LINE A



DESIGN LEVEL	39.203	39.184	39.153	39.105	39.103	39.102	39.099	39.094	39.091	39.059	39.052	39.051	39.047
	39.046												
EXISTING SURFACE	39.463	39.456	39.461	39.521	39.524	39.525	39.528	39.530	39.532	39.544	39.547	39.548	39.552
	39.554												
CHAINAGE	0.000	3.662	10.000	19.422	19.877	20.000	20.377	20.679	20.877	22.448	22.870	22.948	23.448
	23.655												

LIP LINE B

ALIGNMENT A

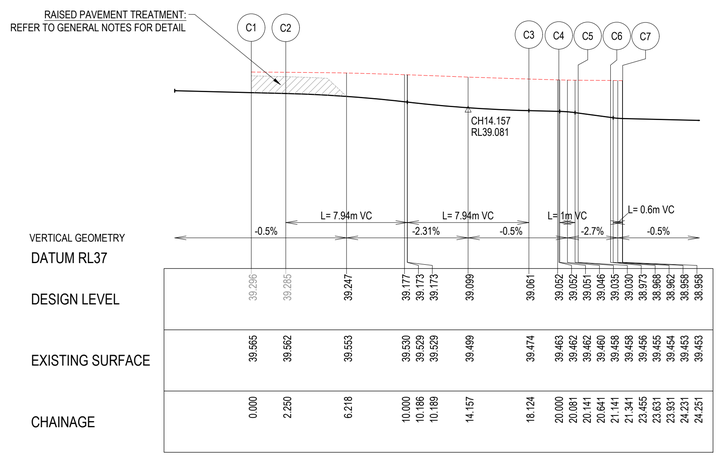
PT NO	EASTING	NORTHING	RL
A1	292094.144	5807509.228	38.888
A2	292093.814	5807509.911	38.901
A3	292093.679	5807512.133	38.962
A4	292093.155	5807513.223	38.981
A5	292079.304	5807512.797	39.182
A6	292076.364	5807509.793	39.203

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
A1 - A2	44.526	1	0.777	0.075	0.056	0.193	0.186	0.194	38.892
A3 - A4	44.418	1.6	1.24	0.119	0.089	0.308	0.297	0.31	38.976
A4 - A5	87.715	10	15.309	2.789	2.066	3.735	3.194	3.827	39.081

ALIGNMENT B

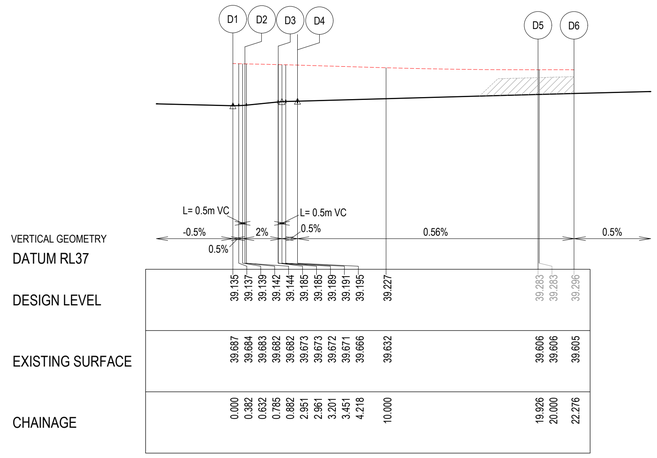
PT NO	EASTING	NORTHING	RL
B1	292072.504	5807513.57	39.203
B2	292075.066	5807516.187	39.184
B3	292074.876	5807530.365	39.105
B4	292073.74	5807530.822	39.094
B5	292071.549	5807530.798	39.052
B6	292070.839	5807531.083	39.046

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
B2 - B3	90.3	10	15.76	2.947	2.181	3.839	3.251	3.94	39.145
B3 - B4	45	1.6	1.257	0.122	0.091	0.312	0.3	0.314	39.102
B5 - B6	45	1	0.785	0.076	0.057	0.195	0.188	0.196	39.048



DESIGN LEVEL	39.296	39.285	39.247	39.177	39.173	39.173	39.099	39.061	39.052	39.052	39.051	39.046	39.035
	39.030	38.973	38.968	38.962	38.958	38.958							
EXISTING SURFACE	39.565	39.562	39.553	39.530	39.529	39.529	39.499	39.474	39.463	39.462	39.462	39.460	39.458
	39.458	39.456	39.455	39.454	39.453	39.453							
CHAINAGE	0.000	2.250	6.218	10.000	10.186	10.189	14.157	18.124	20.000	20.081	20.141	20.641	21.141
	21.341	23.455	23.631	23.931	24.231	24.251							

LIP LINE C



DESIGN LEVEL	39.135	39.137	39.139	39.142	39.144	39.185	39.185	39.189	39.191	39.195	39.227	39.283	39.283
	39.296												
EXISTING SURFACE	39.687	39.684	39.683	39.682	39.682	39.673	39.673	39.672	39.671	39.666	39.632	39.606	39.606
	39.605												
CHAINAGE	0.000	0.382	0.632	0.785	0.882	2.951	2.961	3.201	3.451	4.218	10.000	19.926	20.000
	22.276												

LIP LINE D

ALIGNMENT C

PT NO	EASTING	NORTHING	RL
C1	292094.295	5807552.419	39.296
C2	292092.721	5807550.811	39.285
C3	292092.993	5807536.554	39.061
C4	292094.415	5807535.211	39.052
C5	292095.57	5807534.791	39.03
C6	292097.681	5807534.887	38.973
C7	292098.409	5807534.619	38.958

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
C2 - C3	90.954	10	15.874	2.988	2.211	3.865	3.264	3.969	39.173
C3 - C4	0.147	762.4	1.956	0.001	0	0.489	0.489	0.489	39.056
C4 - C5	45.136	1.6	1.26	0.123	0.092	0.313	0.301	0.315	39.045
C6 - C7	45.633	1	0.796	0.078	0.058	0.198	0.19	0.199	38.963

1:200 (H) 1:20 (V)

H 2 0 2 4 6 8 10

V 0.2 0 0.2 0.4 0.6 0.8 1

ALIGNMENT D

PT NO	EASTING	NORTHING	RL
D1	292073.128	5807559.066	39.135
D2	292073.429	5807558.362	39.142
D3	292073.452	5807556.187	39.185
D4	292073.933	5807555.061	39.195
D5	292088.074	5807555.213	39.283
D6	292089.718	5807556.892	39.296

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
D1 - D2	45	1	0.785	0.076	0.057	0.195	0.188	0.196	39.137
D3 - D4	45	1.6	1.257	0.122	0.091	0.312	0.3	0.314	39.192
D4 - D5	90	10	15.708	2.929	2.168	3.827	3.244	3.927	39.239

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
B	13/12/24	DRIVEWAYS REVISED	SM	AW	MT
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

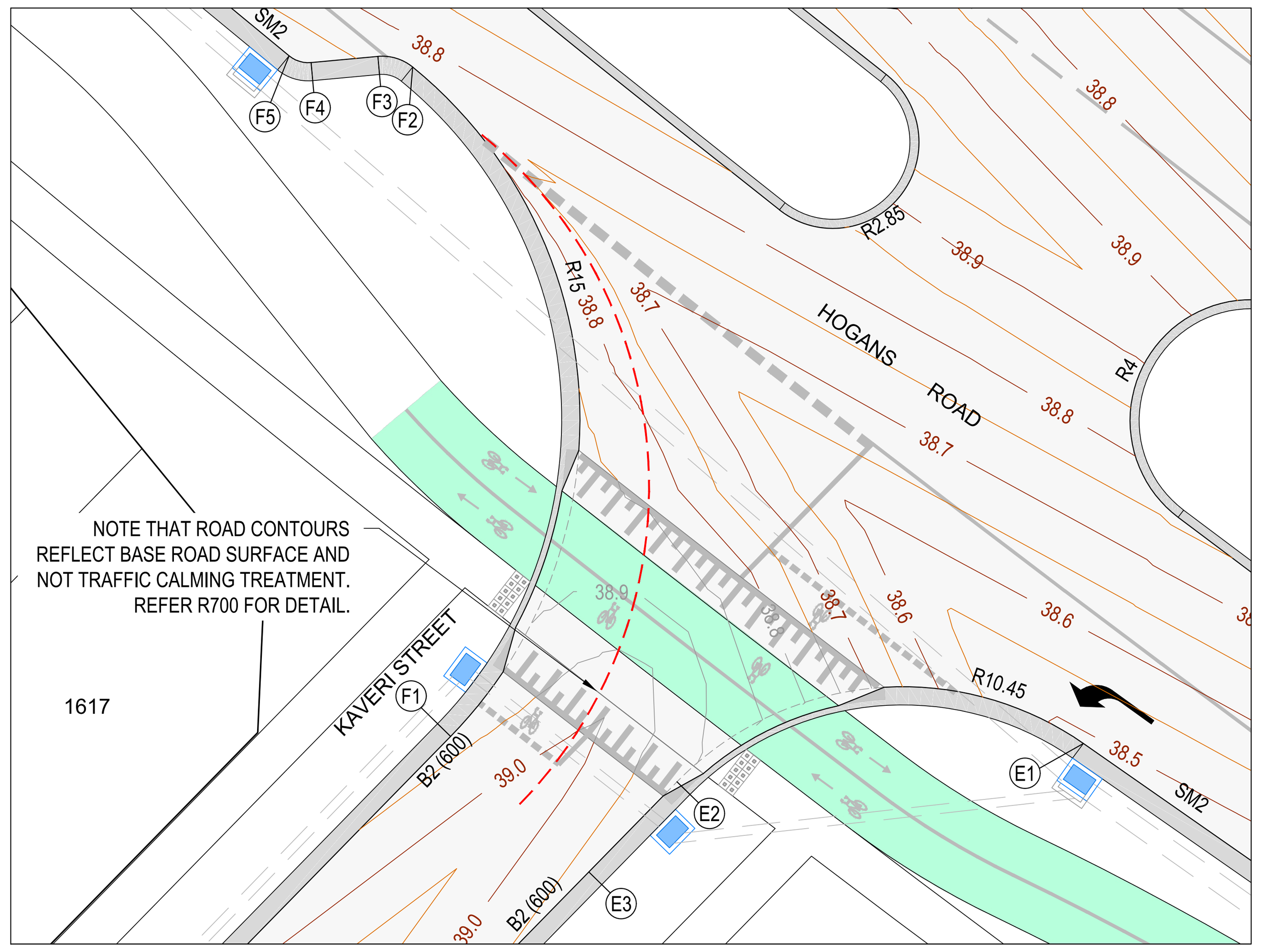
DRAWING TITLE: **ALAMORA - STAGE 16 INTERSECTION DETAILS - 1**

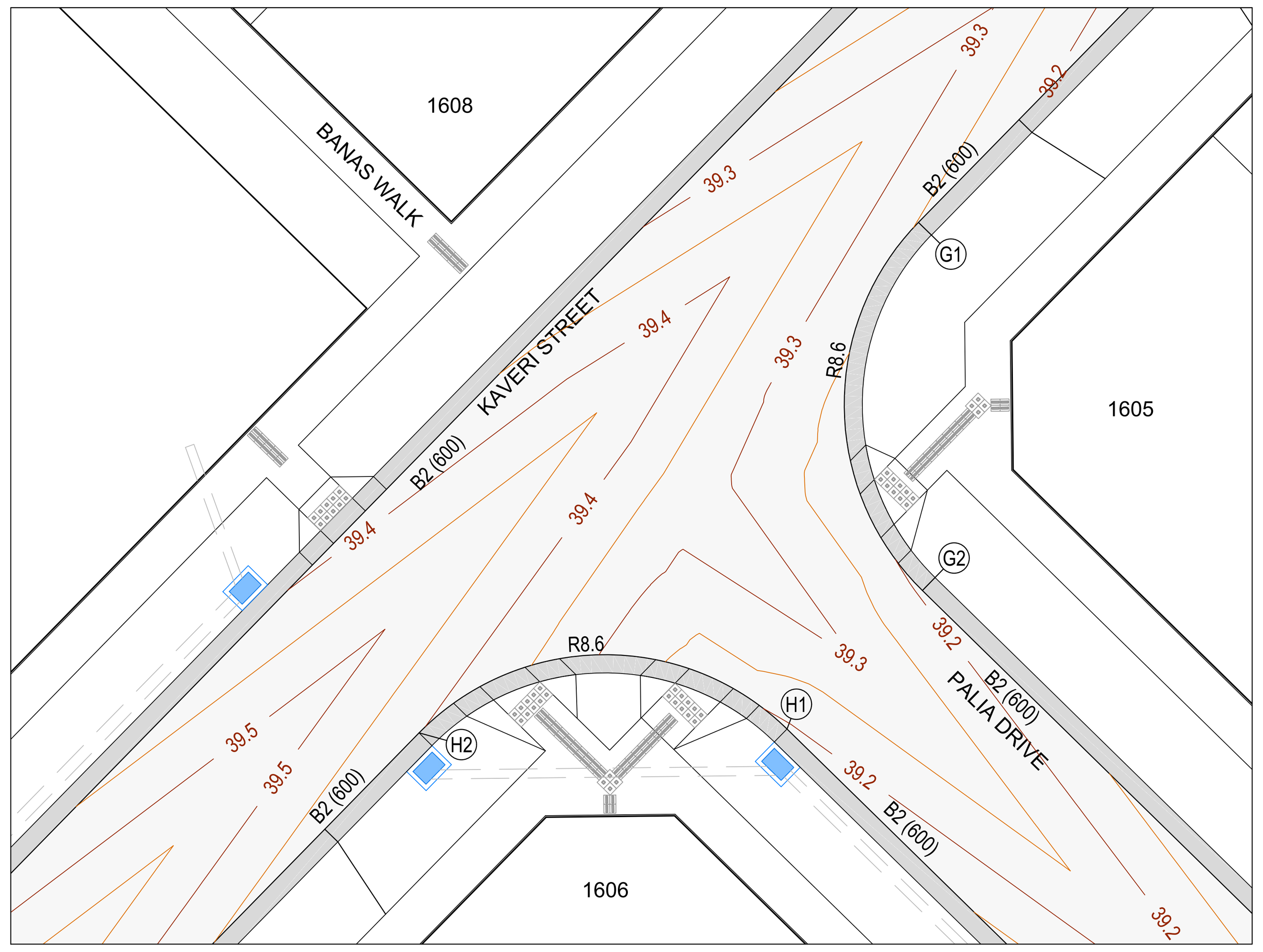
STATUS: **ISSUED FOR CONSTRUCTION**

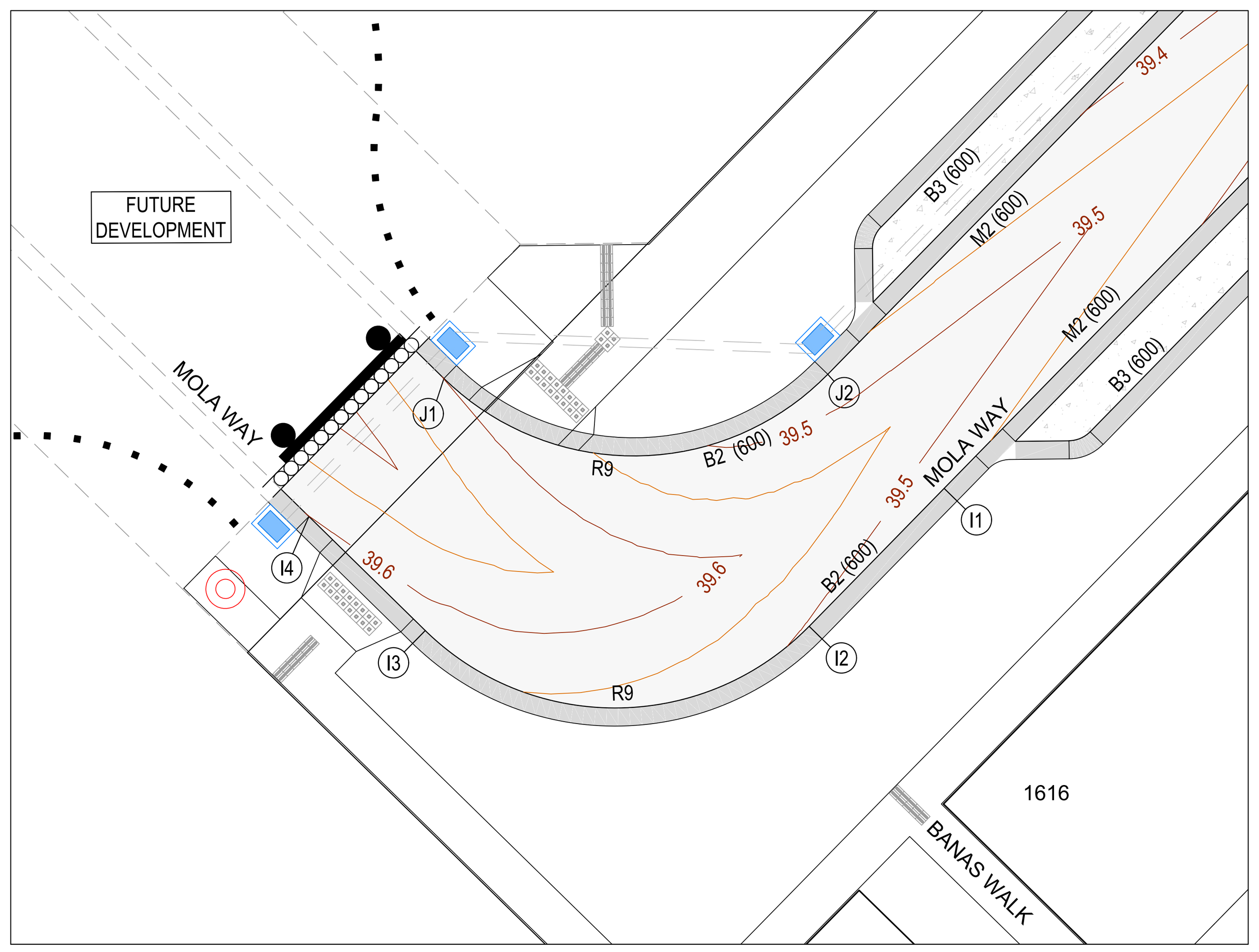
SCALE @ A1 : 1:200

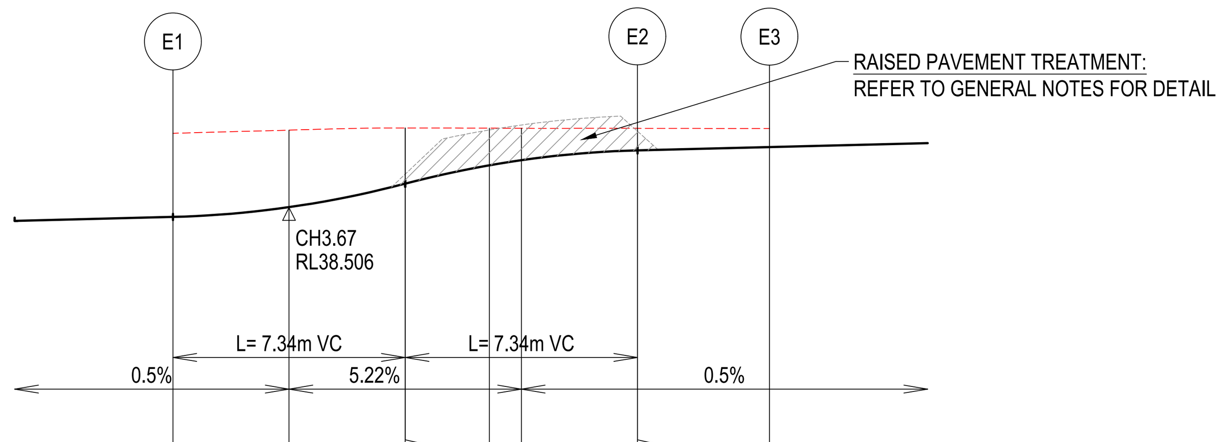
2 0 2 4 6 8 10

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T
PROJECT No.	DRAWING No. / REVISION
200282.16	R300 / 0









VERTICAL GEOMETRY
DATUM RL37

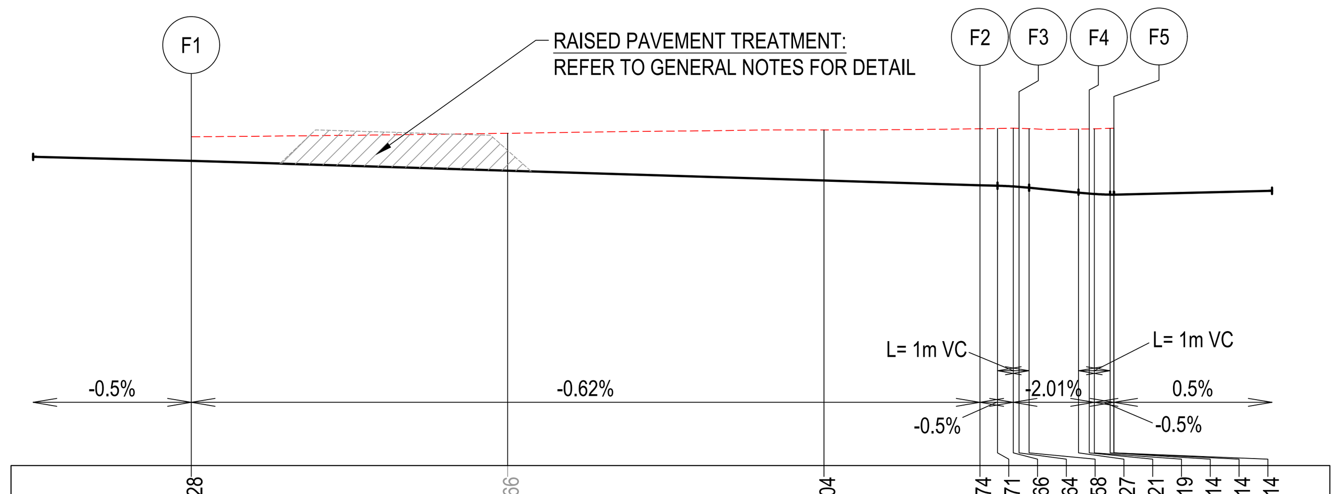
DESIGN LEVEL	38.488	38.549	38.697	38.698	38.814	38.846	38.908	38.908	38.928
EXISTING SURFACE	39.016	39.036	39.049	39.049	39.048	39.047	39.047	39.047	39.046
CHAINAGE	0.000	3.670	7.340	7.344	10.000	11.014	14.681	14.684	18.851

LIP LINE E

ALIGNMENT E

PT NO	EASTING	NORTHING	RL
E1	292147.234	5807463.437	38.488
E2	292133.791	5807462.173	38.908
E3	292130.874	5807459.192	38.928

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
E1 - E2	80.492	10.45	14.681	2.474	1.836	3.595	3.156	3.67	38.698



VERTICAL GEOMETRY
DATUM RL37

DESIGN LEVEL	38.928	38.866	38.804	38.774	38.771	38.766	38.764	38.758	38.727	38.721	38.719	38.714	38.714	38.714
EXISTING SURFACE	39.081	39.103	39.124	39.131	39.133	39.135	39.134	39.132	39.129	39.130	39.131	39.134	39.135	39.135
CHAINAGE	0.000	10.000	20.000	24.932	25.485	25.965	26.170	26.485	27.547	28.389	29.047	29.165	29.167	

LIP LINE F

ALIGNMENT F

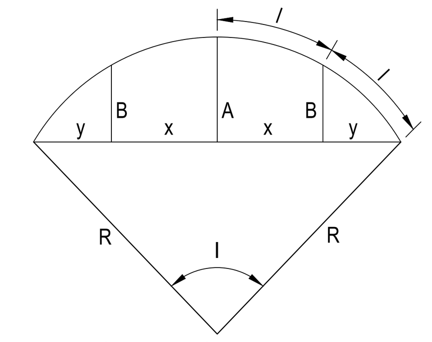
PT NO	EASTING	NORTHING	RL
F1	292126.3	5807463.669	38.928
F2	292125.05	5807485.794	38.774
F3	292123.895	5807486.145	38.764
F4	292121.686	5807485.943	38.721
F5	292120.96	5807486.167	38.714

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
F1 - F2	95.235	15	24.932	4.889	3.612	6.055	5.025	6.233	38.851
F2 - F3	44.32	1.6	1.238	0.118	0.088	0.307	0.296	0.309	38.77
F4 - F5	44.617	1	0.779	0.075	0.056	0.193	0.186	0.195	38.716

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

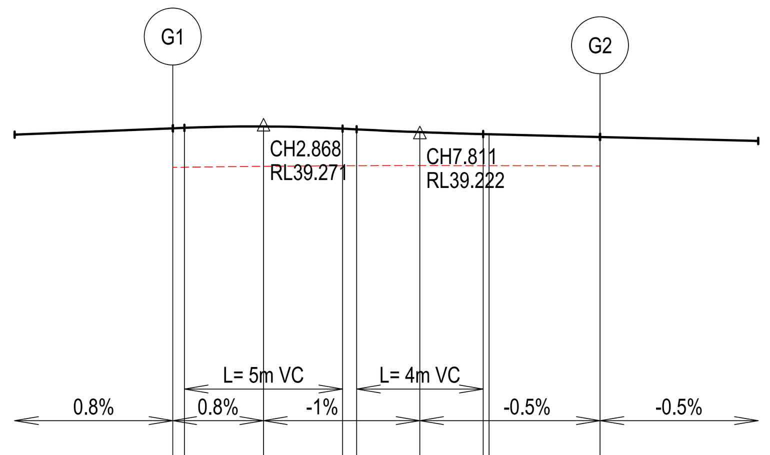
LEGEND - SECTION
- EXISTING SURFACE
- DESIGN LINE

NOTE
FOR SIGNS & LINEMARKING PLAN REFER SHEETS R800.



LIP PROFILE SETOUT

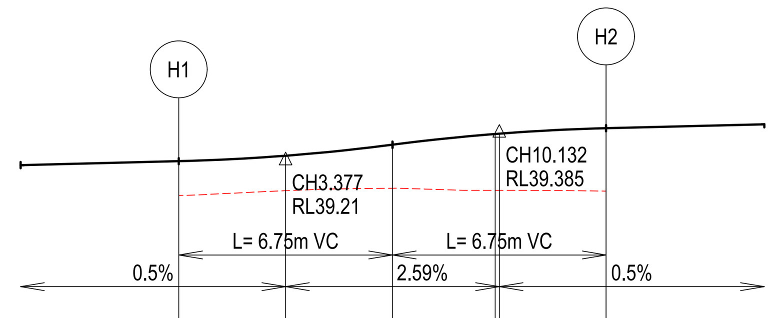
1:200 (H) 1:20 (V)



VERTICAL GEOMETRY
DATUM RL37

DESIGN LEVEL	39.248	39.251	39.260	39.246	39.242	39.224	39.212	39.211	39.193
EXISTING SURFACE	39.001	39.002	39.008	39.012	39.012	39.013	39.012	39.012	39.010
CHAINAGE	0.000	0.368	2.868	5.388	5.811	7.811	9.811	10.000	13.509

LIP LINE G



VERTICAL GEOMETRY
DATUM RL38

DESIGN LEVEL	39.193	39.228	39.297	39.365	39.367	39.402
EXISTING SURFACE	38.977	39.007	39.022	39.009	39.009	39.004
CHAINAGE	0.000	3.377	6.754	10.000	10.132	13.509

LIP LINE H

ALIGNMENT G

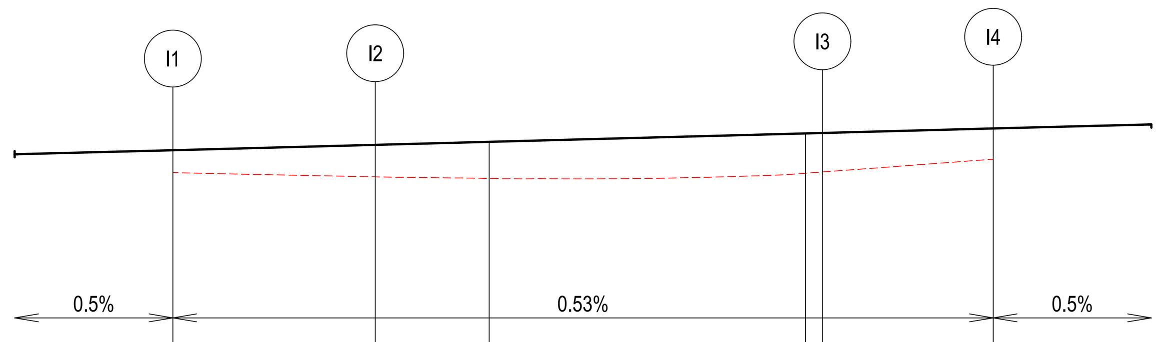
PT NO	EASTING	NORTHING	RL
G1	292095.64	5807423.192	39.248
G2	292095.771	5807411.031	39.193

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
G1 - G2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	39.233

ALIGNMENT H

PT NO	EASTING	NORTHING	RL
H1	292091.294	5807406.457	39.193
H2	292079.132	5807406.326	39.402

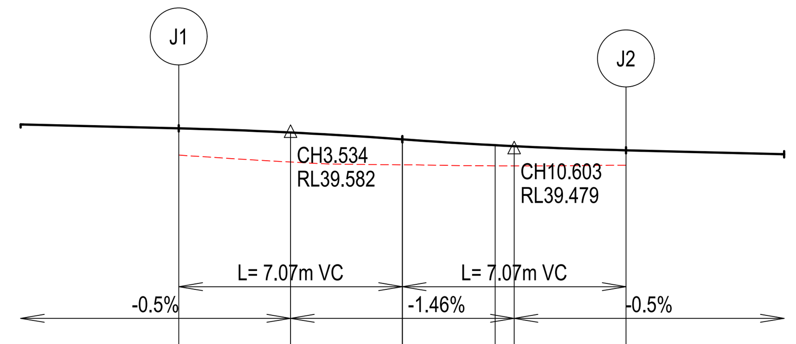
CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
H1 - H2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	39.297



VERTICAL GEOMETRY
DATUM RL38

DESIGN LEVEL	39.461	39.495	39.514	39.568	39.571	39.600
EXISTING SURFACE	39.320	39.293	39.282	39.316	39.324	39.405
CHAINAGE	0.000	6.400	10.000	20.000	20.537	25.937

LIP LINE I



VERTICAL GEOMETRY
DATUM RL38

DESIGN LEVEL	39.600	39.573	39.530	39.493	39.487	39.461
EXISTING SURFACE	39.431	39.387	39.369	39.363	39.362	39.367
CHAINAGE	0.000	3.534	7.068	10.000	10.603	14.137

LIP LINE J

ALIGNMENT I

PT NO	EASTING	NORTHING	RL
I1	292040.202	5807472.845	39.461
I2	292035.726	5807468.271	39.495
I3	292022.999	5807468.134	39.571
I4	292019.139	5807471.912	39.600

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
I2 - I3	90	9	14.137	2.636	1.951	3.444	2.92	3.534	39.533

ALIGNMENT J

PT NO	EASTING	NORTHING	RL
J1	292023.616	5807476.485	39.6
J2	292036.343	5807476.622	39.461

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
J1 - J2	90	9	14.137	2.636	1.951	3.444	2.92	3.534	39.53

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

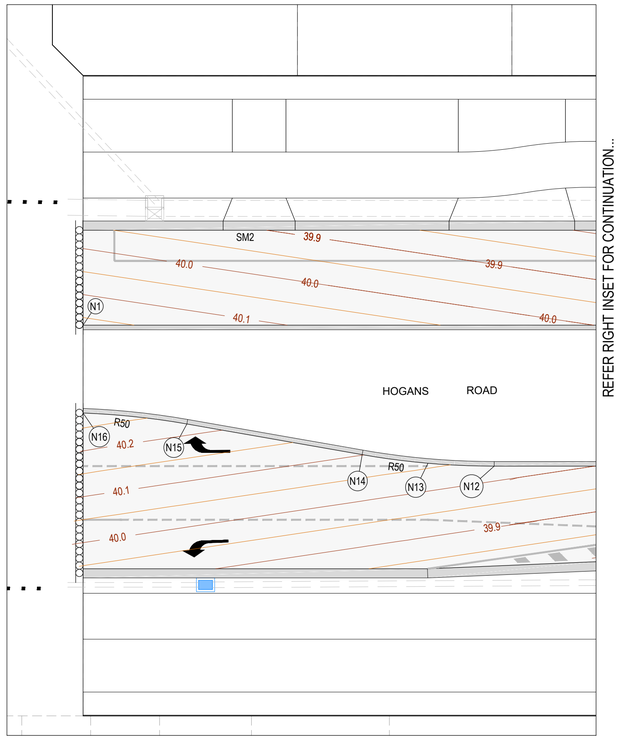
PROJECT: ALAMORA Tarneit

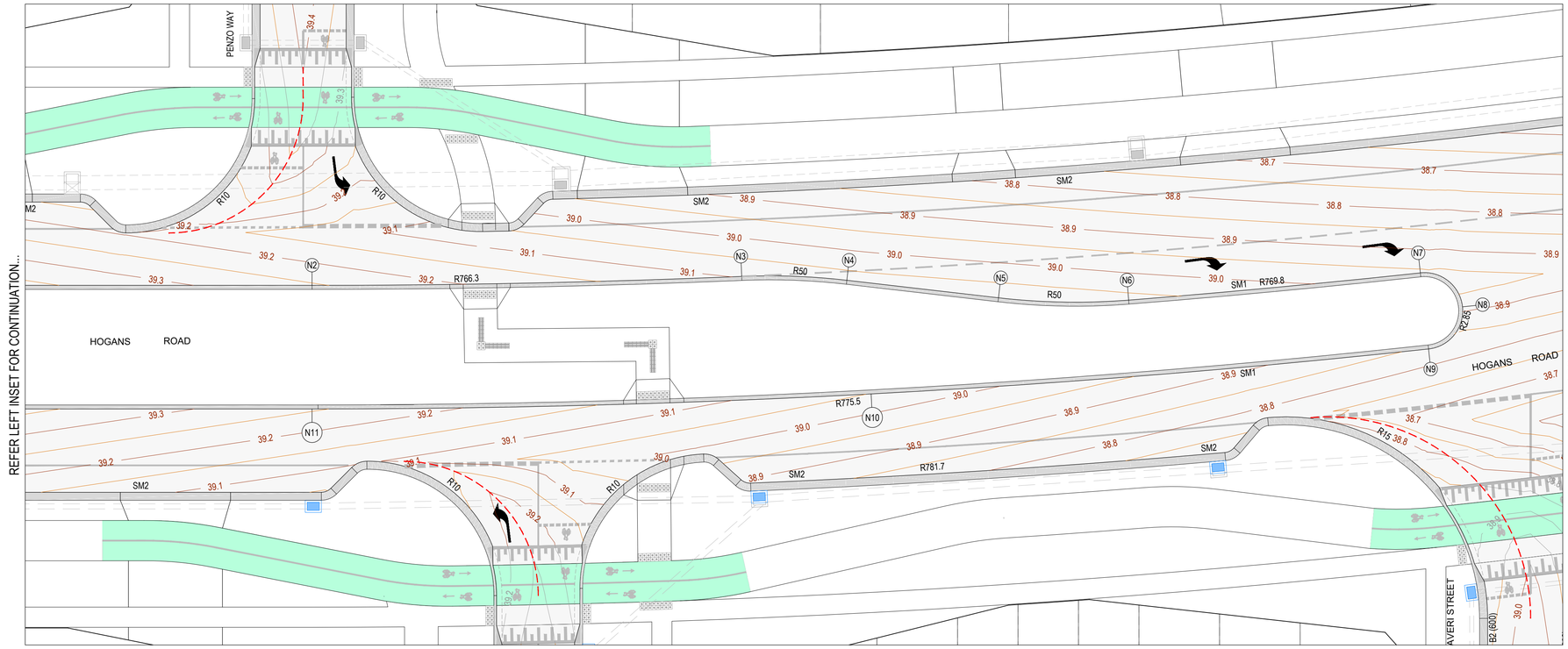
DRAWING TITLE
ALAMORA - STAGE 16
INTERSECTION DETAILS - 2

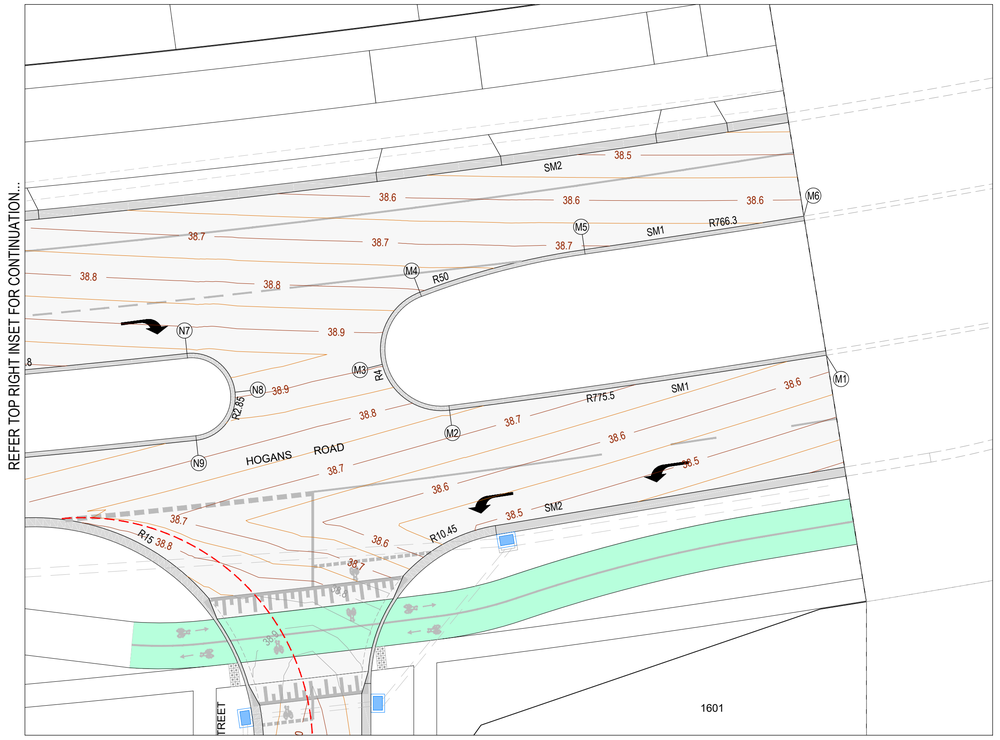
STATUS
ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:200

DESIGNED: S.M
PROJECT ENGINEER: M.T
DRAWN: S.M
PROJECT MANAGER: M.T
PROJECT No.: 200282.16
DRAWING No.: R301
REVISION: 0







ALIGNMENT N

PT NO	EASTING	NORTHING	RL
N1	291950.925	5807669.992	40.167
N2	292081.115	5807542.574	39.256
N3	292104.431	5807520.688	39.096
N4	292109.823	5807515.01	39.075
N5	292116.975	5807506.185	39.088
N6	292123.775	5807499.286	39.068
N7	292140.709	5807485.551	38.960
N8	292141.184	5807481.549	38.914
N9	292137.182	5807481.074	38.840
N10	292105.194	5807507.697	39.048
N11	292074.68	5807535.999	39.256
N12	291963.677	5807644.639	40.033
N13	291960.716	5807647.799	40.061
N14	291958.041	5807651.203	40.101
N15	291951.261	5807660.64	40.225
N16	291946.915	5807665.894	40.283

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
N2 - N3	2.383	768.984	31.98	0.166	0.125	7.995	7.994	7.995	39.176
N3 - N4	8.982	50	7.838	0.154	0.115	1.959	1.956	1.96	39.08
N5 - N6	11.118	50	9.703	0.235	0.176	2.425	2.419	2.426	39.085
N6 - N7	1.623	769.8	21.804	0.077	0.058	5.451	5.451	5.451	39.014
N7 - N8	90	2.85	4.477	0.835	0.618	1.091	0.925	1.119	38.978
N8 - N9	90	2.85	4.477	0.835	0.618	1.091	0.925	1.119	38.849
N9 - N10	3.075	775.5	41.623	0.279	0.209	10.405	10.404	10.406	38.944
N10- N11	3.075	775.5	41.623	0.279	0.209	10.405	10.404	10.406	39.152
N12- N13	4.963	50	4.331	0.047	0.035	1.083	1.082	1.083	40.045
N13- N14	4.963	50	4.331	0.047	0.035	1.083	1.082	1.083	40.08
N15- N16	7.82	50	6.824	0.116	0.087	1.706	1.704	1.706	40.257

ALIGNMENT M

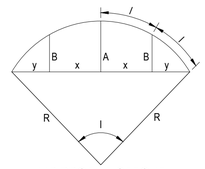
PT NO	EASTING	NORTHING	RL
M1	292170.462	5807456.267	38.637
M2	292150.368	5807470.912	38.761
M3	292149.321	5807476.122	38.905
M4	292154.371	5807477.774	38.805
M5	292163.995	5807472.246	38.708
M6	292175.761	5807463.788	38.636

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
M1 - M2	1.837	775.5	24.866	0.1	0.075	6.216	6.216	6.216	38.699
M2 - M3	83.251	4	5.812	1.01	0.749	1.421	1.236	1.453	38.811
M3 - M4	83.251	4	5.812	1.01	0.749	1.421	1.236	1.453	38.874
M4 - M5	12.744	50	11.122	0.309	0.232	2.779	2.77	2.78	38.746
M5 - M6	1.09	761.499	14.491	0.034	0.026	3.623	3.623	3.623	38.672

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

LEGEND - SECTION
- EXISTING SURFACE
- DESIGN LINE

NOTE
FOR SIGNS & LINEMARKING PLAN REFER SHEETS R800.



LIP PROFILE SETOUT

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
B	13/12/24	DRIVEWAYS REVISED	SM	AW	MT
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT
villawood properties
Communities Designed for Living

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

PROJECT
ALAMORA Tarneit

DRAWING TITLE
ALAMORA - STAGE 16
INTERSECTION DETAILS - 3

STATUS
ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:200
2 0 2 4 6 8 10

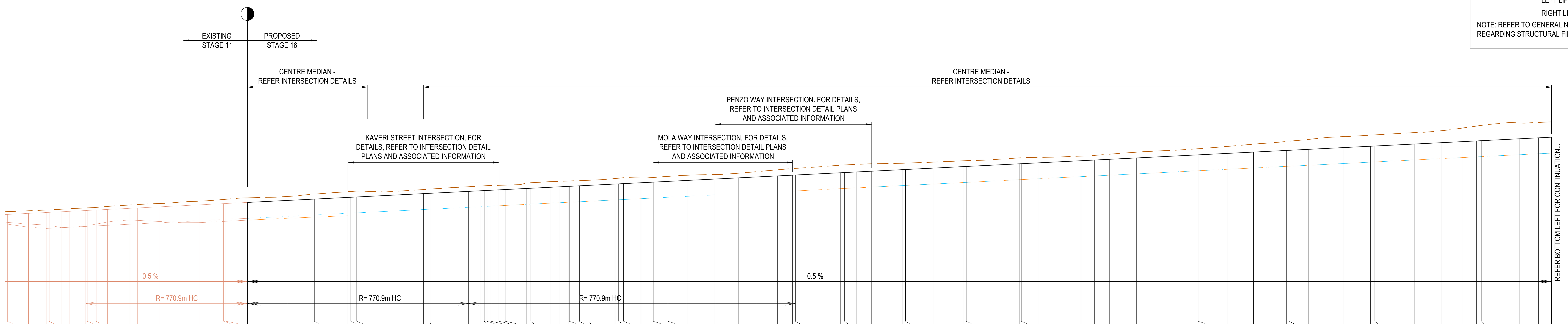
DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R302	0

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



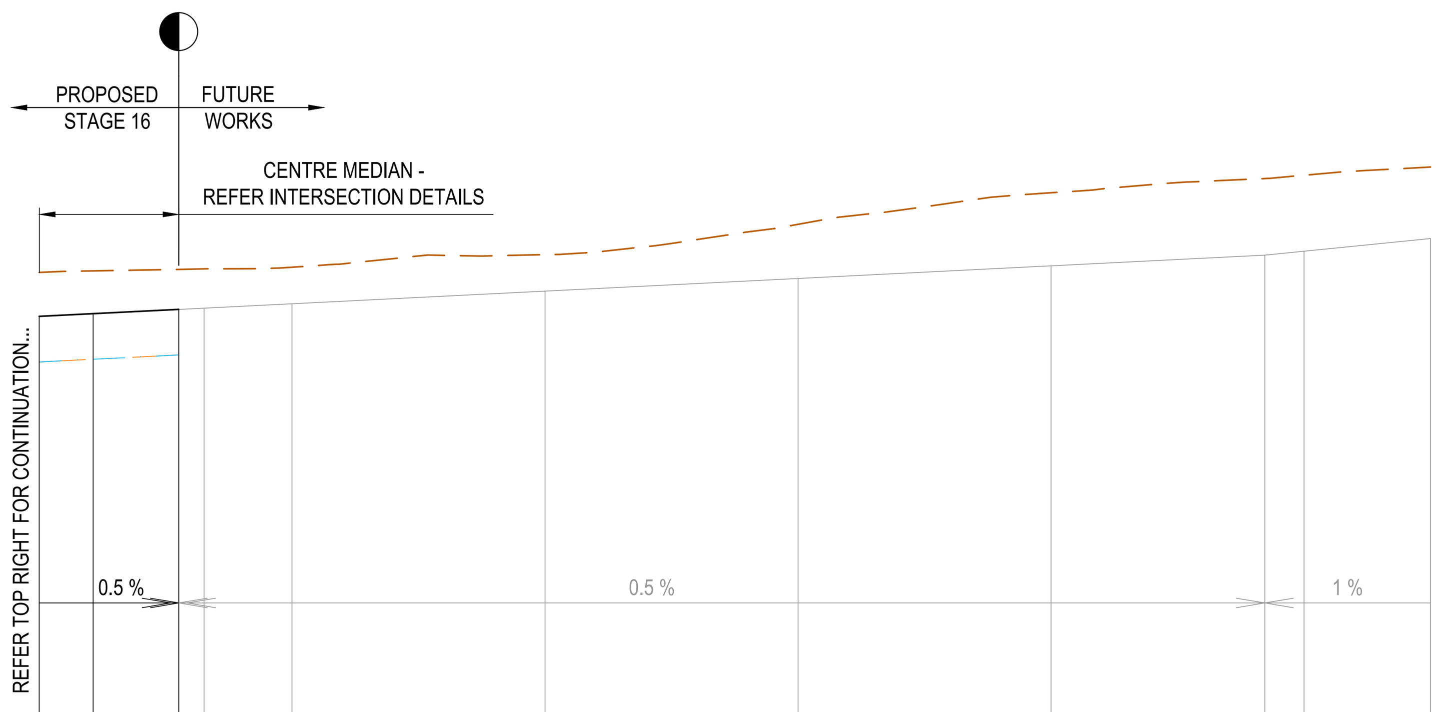
VERTICAL GEOMETRY: 0.5 % (existing); 0.5 %

HORIZONTAL GEOMETRY: R= 770.9m HC (existing); R= 770.9m HC; R= 770.9m HC

DATUM RL36

CHAINAGE	DESIGN CENTRELINE	RIGHT LIP OF KERB	LEFT LIP OF KERB	EXISTING SURFACE	
170.000 170.508	38.515 38.517	38.343 38.338	38.306 38.297	38.579 38.581	
175.298	38.541	38.299	38.230	38.600	
179.312 180.000 182.689 184.518	38.561 38.565 38.578 38.587	38.278 38.276 38.218 38.227	38.201 38.204 38.217 38.227	38.618 38.621 38.635 38.646	
188.246 188.591 190.627 193.195	38.606 38.608 38.618 38.631	38.246 38.248 38.258 38.271	38.261 38.265 38.300 38.345	38.664 38.666 38.677 38.699	
198.259 200.000	38.656 38.665	38.296 38.305	38.390 38.382	38.730 38.741	
205.042	38.690	38.330	38.356	38.765	
213.865	38.734	38.374	38.331	38.817	
219.327 219.444 220.000	38.761 38.762 38.765	38.401 38.402 38.405	38.359 38.360 38.362	38.856 38.857 38.861	
224.861	38.789	38.429	38.387	38.892	
233.838	38.834	38.474	38.430	38.924	
239.439 240.000	38.862 38.865	38.502 38.505	38.455 38.457	38.972 38.976	RTP
247.614 248.228 249.579	38.903 38.906 38.913	38.543 38.546 38.553	38.488	39.033 39.037 39.046	LTP LTP
260.000	38.965	38.605		39.051	
264.677 266.128	38.988 38.995	38.628 38.635		39.080 39.090	TP
274.861	39.039	38.679		39.144	
277.459 278.443 279.077 280.000 281.803 283.203	39.052 39.057 39.060 39.065 39.074 39.081	38.692 38.697 38.700 38.705 38.714 38.721	38.714 38.721	39.158 39.164 39.168 39.171 39.177 39.181	LTP LTP
287.963 288.963	39.105 39.110	38.745 38.750	38.745 38.750	39.225 39.234	RTP
293.305	39.131	38.771	38.771	39.259	
295.560	39.143	38.783	38.783	39.267	
297.631 297.696 300.000 302.128	39.153 39.153 39.165 39.175	38.793 38.793 38.805 38.815	38.793 38.793 38.805 38.815	39.274 39.275 39.284 39.290	RTP
308.034 308.861 309.976	39.205 39.209 39.215	38.845 38.849 38.855	38.845 38.849 38.855	39.330 39.337 39.347	RTP
313.922	39.234	38.874	38.874	39.363	
316.687 316.708 320.000 320.057	39.248 39.248 39.265 39.265	38.888 38.888 38.905 38.905	38.888	39.354 39.354 39.378 39.378	LTP LTP
324.307	39.286	38.926		39.404	
330.700	39.318	38.960		39.421	RTP
334.060 336.039	39.335 39.345	39.050 39.060		39.435 39.451	RTP RTP
340.000	39.365			39.484	
344.844	39.389			39.527	LTP
348.197 348.880	39.406 39.409		39.046 39.049	39.554 39.559	LTP
359.047 360.000 362.747	39.460 39.465 39.479		39.100 39.105 39.119	39.631 39.637 39.649	RTP
366.124	39.495	39.135	39.135	39.663	RTP
373.047 373.797	39.530 39.534	39.170 39.174	39.170 39.174	39.675 39.678	
380.000	39.565	39.205	39.205	39.700	
387.047 387.547	39.600 39.603	39.240 39.243	39.240 39.243	39.731 39.734	
399.547 400.000	39.663 39.665	39.303 39.305	39.303 39.305	39.796 39.799	
404.047	39.685	39.325	39.325	39.809	
413.547	39.733	39.373	39.373	39.837	
416.547	39.748	39.388	39.388	39.853	
420.000	39.765	39.405	39.405	39.881	
426.047	39.795	39.435	39.435	39.925	
432.547	39.828	39.468	39.468	39.961	
440.000 440.047	39.865 39.865	39.505 39.505	39.505 39.505	40.003 40.004	
446.547	39.898	39.538	39.538	40.055	
452.547	39.928	39.568	39.568	40.107	
460.000 460.547	39.965 39.968	39.605 39.608	39.605 39.608	40.168 40.173	
465.047	39.990	39.630	39.630	40.215	
473.047	40.030	39.670	39.670	40.279	
479.047 480.000	40.060 40.065	39.700 39.705	39.700 39.705	40.311 40.316	
489.047	40.110	39.750	39.750	40.369	
495.047	40.140	39.780	39.780	40.410	
500.000	40.165	39.805	39.800	40.474	
503.047 504.201	40.180 40.186	39.820 39.826	39.811 39.815	40.517 40.533	LTP
512.820	40.229	39.869	39.852	40.587	LTP
517.047	40.250	39.890	39.873	40.599	
520.000	40.265	39.905	39.888	40.612	

HOGANS ROAD LONGITUDINAL SECTION



VERTICAL GEOMETRY: 0.5 %; 0.5 %; 1 %

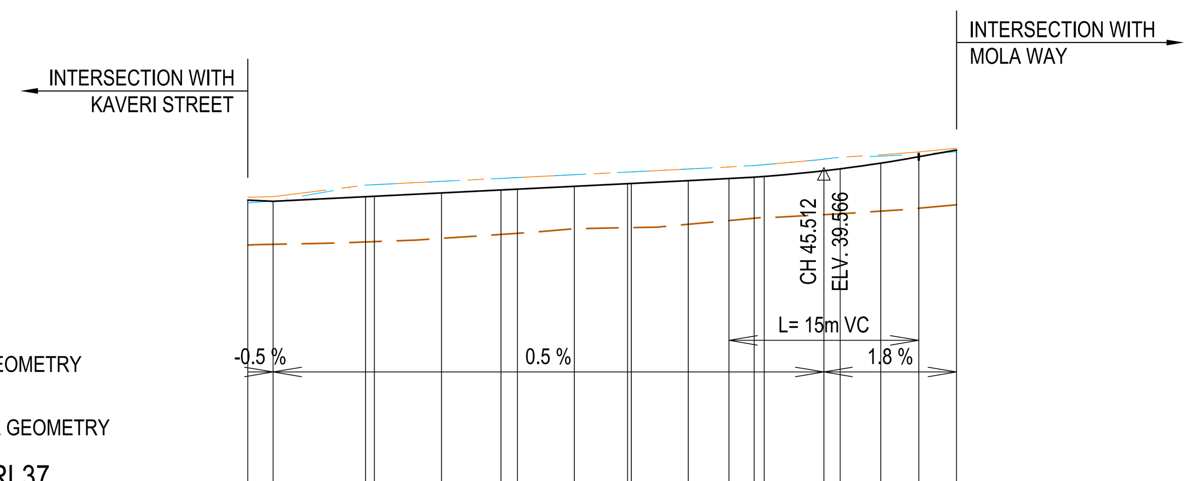
HORIZONTAL GEOMETRY

DATUM RL37

CHAINAGE	DESIGN CENTRELINE	RIGHT LIP OF KERB	LEFT LIP OF KERB	EXISTING SURFACE	
520.000	40.265	39.905	39.888	40.612	
524.266	40.286	39.926	39.909	40.625	LTP
531.047	40.320	39.960	39.943	40.636	
533.047	40.330	39.970	39.970	40.640	
540.000	40.365	40.005	40.005	40.654	
560.000	40.465	40.105	40.105	40.753	
580.000	40.565			40.992	
600.000	40.665			41.242	
616.902	40.749	40.389	40.389	41.355	
620.000	40.780	40.420	40.420	41.380	
630.000	40.880	40.520	40.520	41.445	

FUTURE WORKS

HOGANS ROAD LONGITUDINAL SECTION



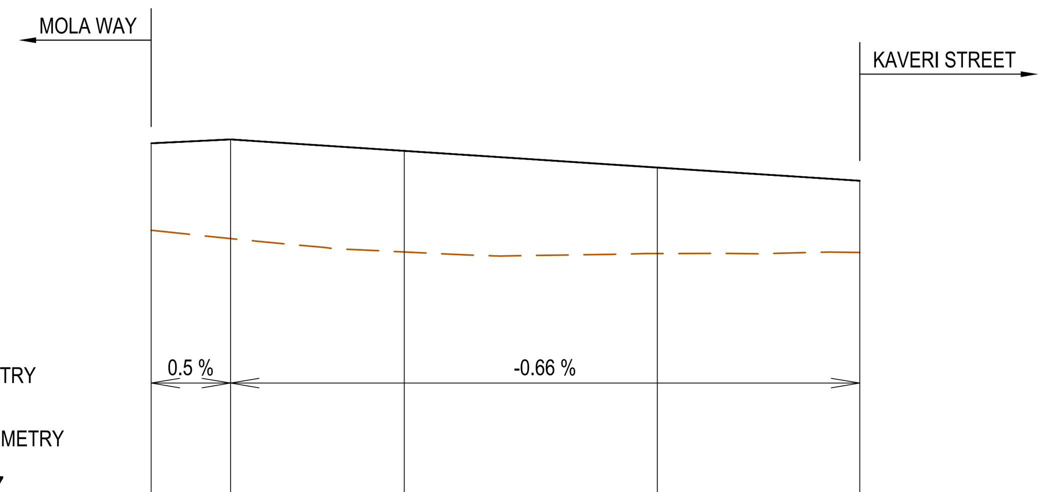
VERTICAL GEOMETRY: -0.5 %; 0.5 %; 1.8 %

HORIZONTAL GEOMETRY

DATUM RL37

CHAINAGE	DESIGN CENTRELINE	RIGHT LIP OF CONCRETE	LEFT LIP OF CONCRETE	EXISTING SURFACE
0.000 2.000	39.358 39.348	39.336 39.351	39.380 39.385	39.003 39.008
9.300 10.000	39.385 39.388	39.476 39.480	39.476 39.480	39.028 39.030
15.300	39.415	39.506	39.506	39.056
20.000 21.300	39.438 39.445	39.530 39.536	39.530 39.536	39.087 39.096
25.800	39.467	39.559	39.559	39.132
30.000 30.300	39.488 39.490	39.580 39.581	39.580 39.581	39.140 39.141
34.800	39.512	39.604	39.604	39.167
38.012 40.000 40.800	39.528 39.540 39.546	39.620 39.632 39.639	39.620 39.632 39.639	39.197 39.215 39.220
45.512 46.800	39.590 39.606	39.682 39.697	39.682 39.697	39.243 39.251
50.000	39.650	39.705	39.715	39.271
53.012	39.701	39.721	39.740	39.294
56.000	39.754	39.741	39.768	39.321

LOZNA LANE LONGITUDINAL SECTION



VERTICAL GEOMETRY: 0.5 %; -0.66 %

HORIZONTAL GEOMETRY

DATUM RL37

CHAINAGE	DESIGN CENTRELINE	RIGHT LIP OF KERB	LEFT LIP OF KERB	EXISTING SURFACE
0.000	39.897	'	'	39.209
6.274	39.928	'	'	39.143
20.000	39.838	'	'	39.037
40.000	39.706	'	'	39.025
56.000	39.600	'	'	39.033

BANAS WALK LONGITUDINAL SECTION

P:\2020\200282 - ALAMORA, TARNEIT\200282.16\CIVIL\2. DRAFTING\ACAD\ROADS & DRAINAGE\200282.16 - R400 - LONGITUDINAL SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

DRAWING TITLE: **ALAMORA - STAGE 16 ROAD LONGITUDINAL SECTIONS - 1**

STATUS: **ISSUED FOR CONSTRUCTION**

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

H 10 5 0 10 20

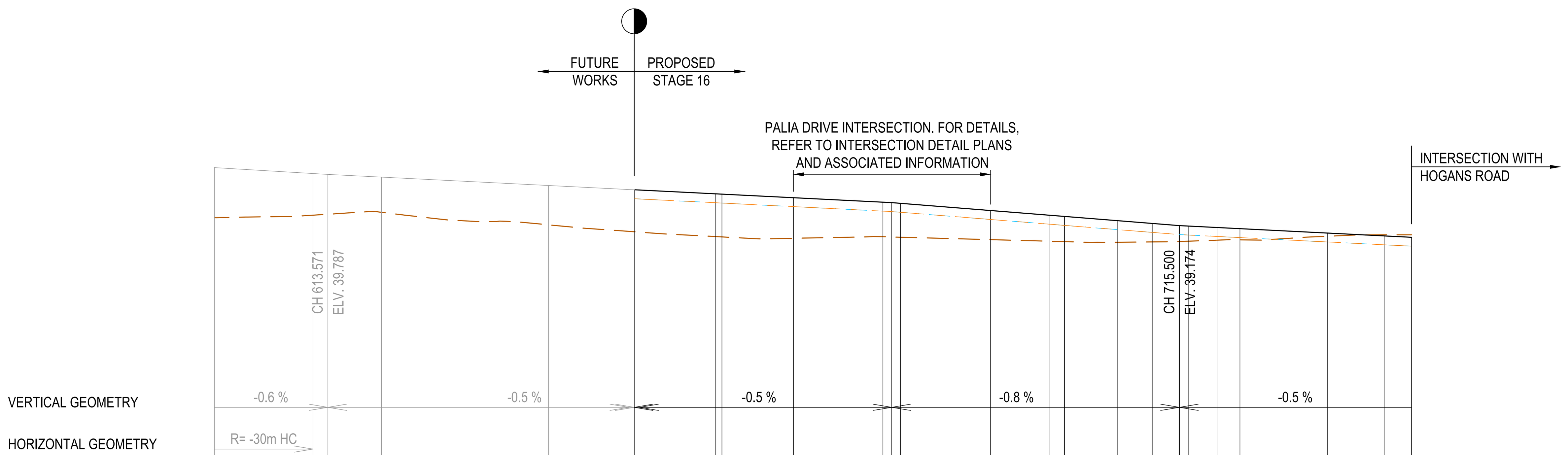
V 1 0.5 0 1 2

DESIGNED	PROJECT ENGINEER	
S.M	M.T	
DRAWN	PROJECT MANAGER	
S.M	M.T	
PROJECT No.	DRAWING No.	REVISION
200282.16	R400	0

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

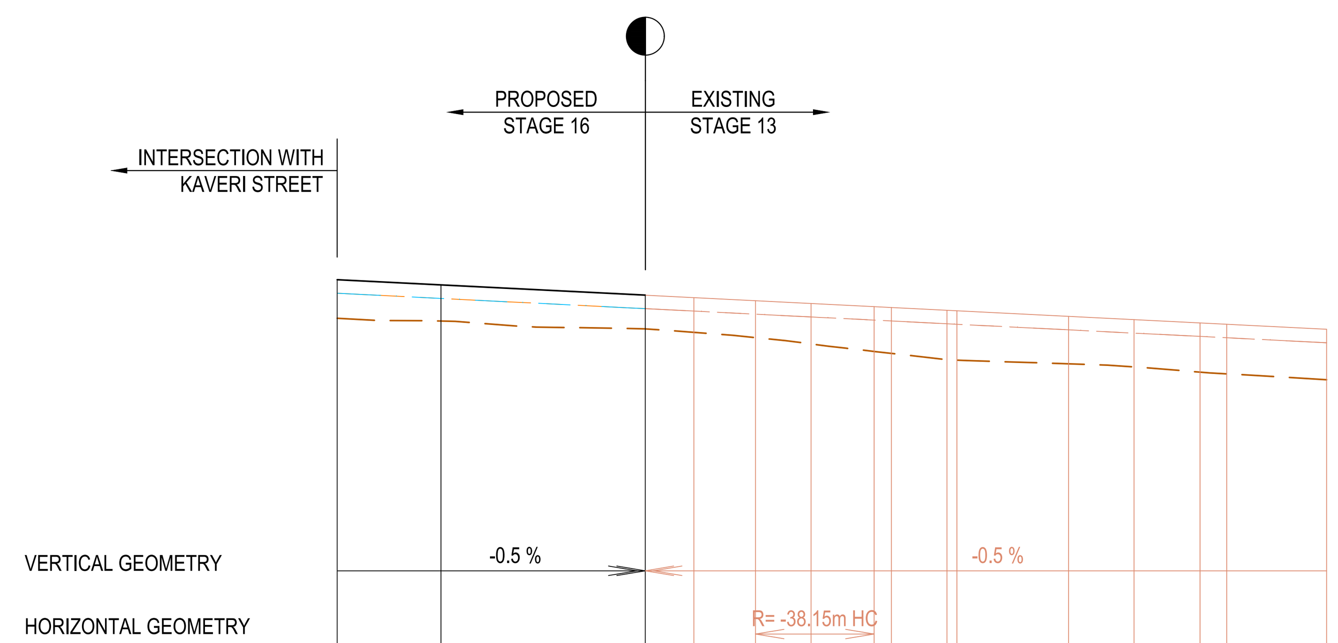


DATUM RL36

FUTURE WORKS

CHAINAGE	DESIGN CENTRELINE	RIGHT LIP OF KERB	LEFT LIP OF KERB	EXISTING SURFACE	
600.000	39.868	39.762	39.762	39.269	
611.797	39.798	39.691	39.691	39.299	
613.571	39.787	39.680	39.680	39.310	
620.000	39.755	39.648	39.648	[illegible]	
640.000	39.655	39.548	39.548	39.184	
650.241	39.604	39.497	39.497	39.101	
660.000	39.555	39.448	39.448	39.043	
660.741	39.551	39.444	39.444	39.039	
669.291	39.508	39.402	39.402	39.023	RTP
680.000	39.455	39.348	39.348	39.041	
681.065	39.449	39.343	39.343	39.039	
682.108	39.441	39.334	39.334	39.036	
692.891	39.355	39.248	39.248	39.007	RTP
700.000	39.298	39.191	39.191	38.987	
701.741	39.284	39.177	39.177	38.983	
708.108	39.233	39.126	39.126	38.976	
712.241	39.200	39.093	39.093	38.979	
715.500	39.174	39.067	39.067	38.984	
716.608	39.168	39.062	39.062	38.988	
720.000	39.151	39.045	39.045	39.001	
722.741	39.138	39.031	39.031	39.004	
733.241	39.085	38.979	38.979	39.047	
740.000	39.051	38.945	38.945	39.064	
743.265	39.035	38.928	38.928	39.065	LTP

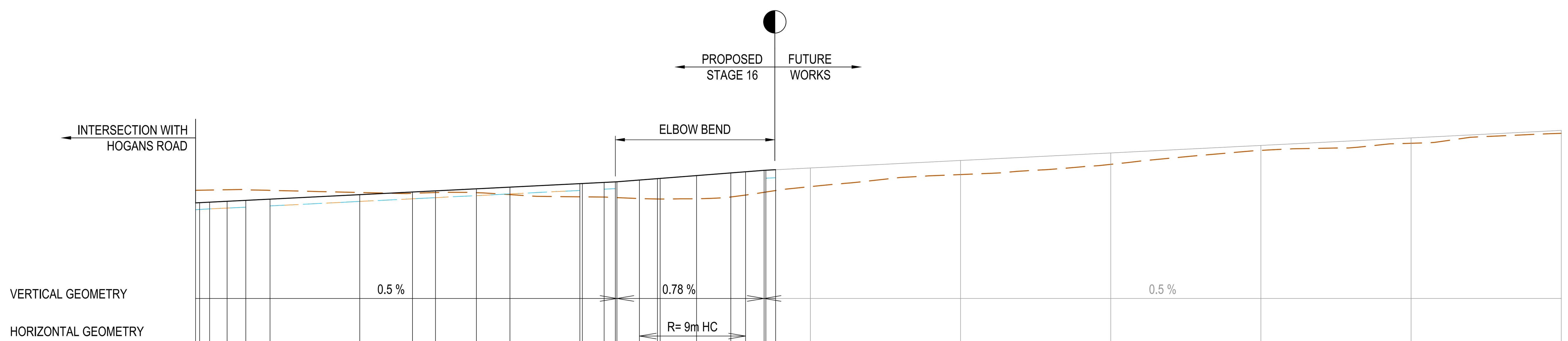
KAVERI STREET LONGITUDINAL SECTION



DATUM RL36

CHAINAGE	DESIGN CENTRELINE	RIGHT LIP OF KERB	LEFT LIP OF KERB	EXISTING SURFACE	
11.800	39.300	39.193	39.193	38.995	TP
20.000	39.259	39.152	39.152	38.973	
36.150	39.178	39.071	39.071	38.912	
40.000	39.159	39.052	39.052	38.885	
44.863	39.135	39.028	39.028	38.843	
49.258	39.113	39.006	39.006	38.793	
54.239	39.088	38.981	38.981	38.734	
55.607	39.081	38.974	38.974	38.718	
60.000	39.059	38.952	38.952	38.669	
60.779	39.055	38.948	38.948	38.664	
69.607	39.011	38.904	38.904	38.636	
74.778	38.985	38.878	38.878	38.611	
80.000	38.959	38.852	38.852	38.570	
82.107	38.948	38.842	38.842	38.557	
90.000	38.909	38.802	38.802	38.510	

PALIA DRIVE LONGITUDINAL SECTION

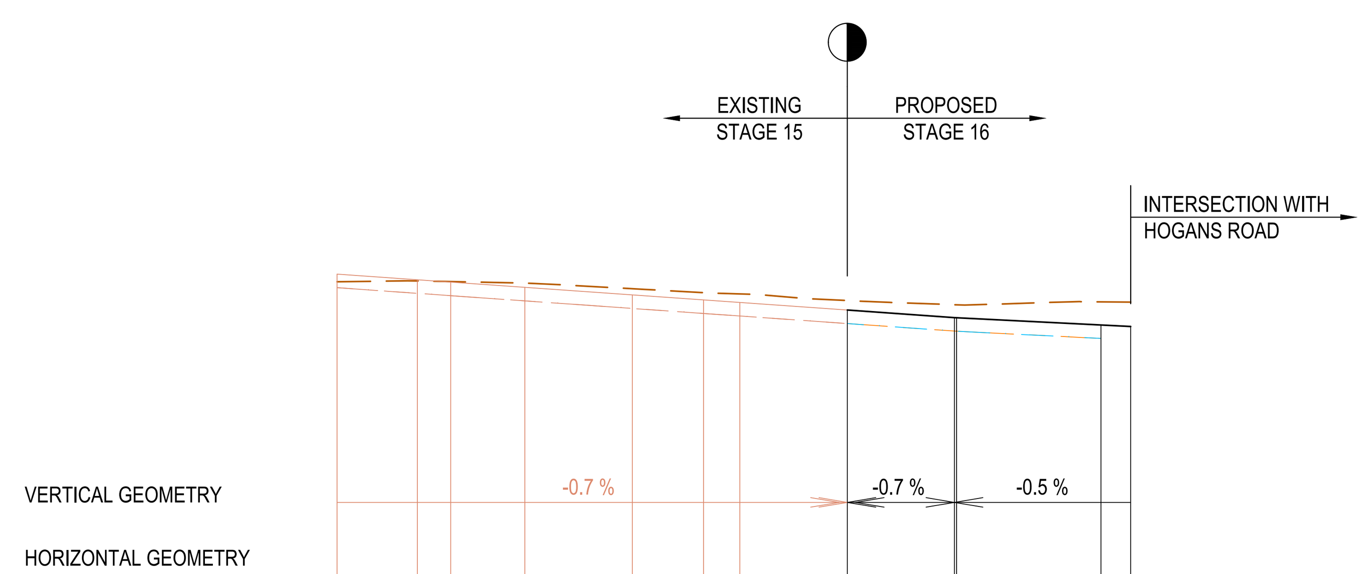


DATUM RL37

FUTURE WORKS

CHAINAGE	DESIGN CENTRELINE	RIGHT LIP OF KERB	LEFT LIP OF KERB	EXISTING SURFACE	
18.131	39.272		39.182	39.439	LTP
18.673	39.274	39.184	39.184	39.440	RTP
20.000	39.281			39.442	
22.335	39.293	39.203	39.203	39.446	
24.820	39.305			39.447	TP
28.047	39.321	39.231	39.231	39.438	TP
40.000	39.381	39.291	39.291	39.410	
47.027	39.416	39.326	39.326	39.399	
50.084	39.431	39.341	39.341	39.410	
55.527	39.459	39.369	39.369	39.407	
60.000	39.481	39.391	39.391	39.381	
69.307	39.527	39.437	39.437	39.352	TP
69.637	39.529	39.439	39.439	39.352	
72.534	39.544	39.454	39.454	39.349	TP
74.034	39.551	39.461	39.461	39.343	RTP
74.245	39.552	39.462	39.462	39.342	
77.234	39.575	39.485	39.478	39.330	
79.637	39.594	39.501	39.495	39.323	LTP
80.000	39.597	39.503	39.498	39.323	
84.851	39.635	39.539	39.535	39.327	
89.411	39.670	39.569	39.571	39.350	LTP
91.371	39.686	39.581	39.585	39.376	
93.847	39.705	39.598	39.598	39.413	
94.071	39.706	39.600	39.600	39.416	RTP
95.371	39.713	39.606	39.606	39.436	
100.000	39.736	39.629	39.629	39.488	
120.000	39.836	39.729	39.729	39.648	
140.000	39.936	39.829	39.829	39.784	
160.000	40.036		39.929	39.970	
180.000	40.136	40.030	40.030	40.065	
200.000	40.236	40.130	40.130	40.197	

MOLA WAY LONGITUDINAL SECTION



DATUM RL37

CHAINAGE	DESIGN CENTRELINE	RIGHT LIP OF KERB	LEFT LIP OF KERB	EXISTING SURFACE	
11.016	39.804	39.697	39.697	39.744	
17.366	39.759	39.652	39.652	39.750	
20.000	39.741	39.634	39.634	39.745	
25.866	39.699	39.593	39.593	39.733	
34.366	39.640	39.533	39.533	39.689	
40.000	39.600	39.493	39.493	39.658	
42.866	39.580	39.473	39.473	39.648	
51.366	39.520	39.413	39.413	39.596	
59.831	39.461	39.354	39.354	39.562	
60.000	39.460	39.353	39.353	39.562	
71.412	39.403			39.585	
73.766	39.391			39.583	TP

PENZO WAY LONGITUDINAL SECTION

P:\2020\200282 - ALAMORA, TARNEIT\200282.16\CIVIL\2. DRAFTING\ACAD\ROADS & DRAINAGE\200282.16 - R400 - LONGITUDINAL SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

DRAWING TITLE
ALAMORA - STAGE 16
ROAD LONGITUDINAL SECTIONS - 2

STATUS
ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:500 (H) 1:50 (V)
H 10 5 0 10 20
V 1 0.5 0 1 2

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	**PROJECT MANAGER**
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R401	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

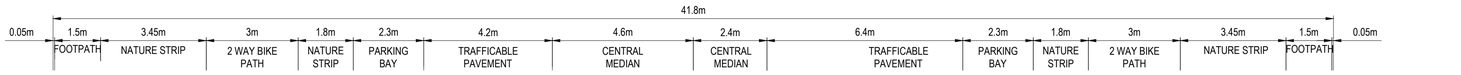
www.1100.com.au

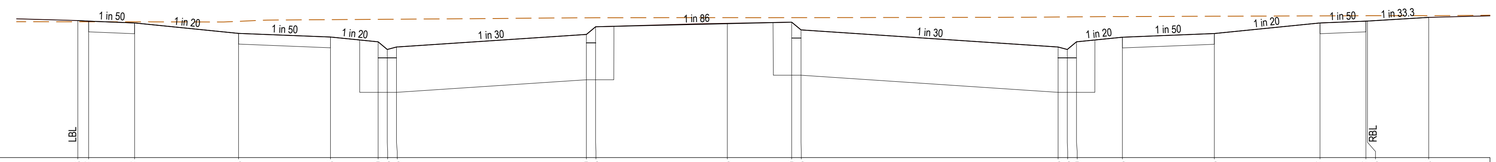
NOTE:
CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY, READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

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

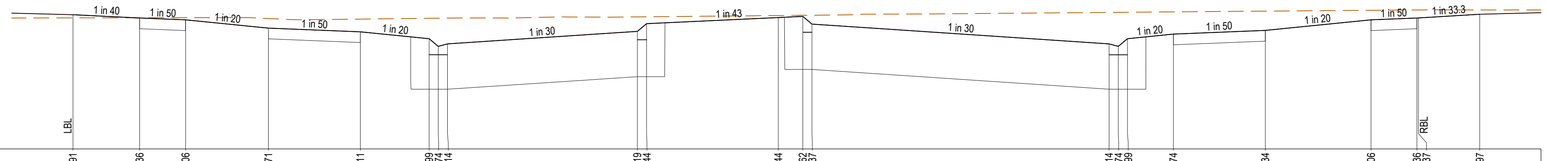
- EXISTING SURFACE
- DESIGN LINE
- SELECT STRUCTURAL FILL





DATUM37.0																							
DESIGN SURFACE	39.236 39.227	39.197	39.028	38.968	38.890 38.765 38.805	39.010 39.135	39.185	39.210 39.065	38.805 38.765 38.890	38.965	39.025	39.197	39.227 39.228	39.288
EXISTING SURFACE	39.217 39.217	39.216	39.224	39.251	39.257 39.258 39.259	39.282 39.282	39.284	39.284 39.284	39.295 39.296 39.298	39.302	39.307	39.313	39.315 39.315	39.317
OFFSET	-21.203 -20.850	-19.350	-15.955	-12.955	-11.400 -11.100 -10.800	-4.600 -4.300	0.000	2.103 2.408	10.800 11.100 11.400	12.900	15.900	19.350	20.850 20.900	22.900

CH 300.000

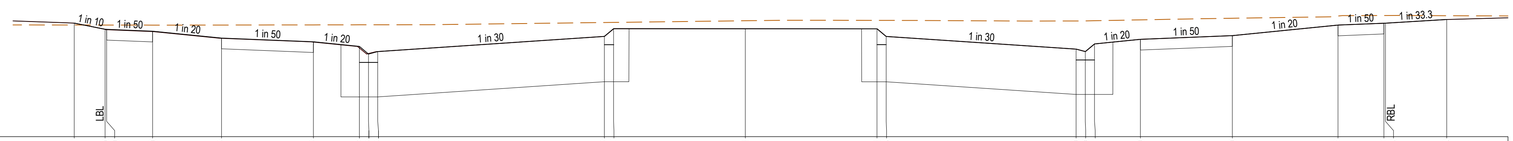


DATUM37.0																							
DESIGN SURFACE	39.191	39.136	39.106	38.971	38.911	38.799 38.674 38.714	38.919 39.044	39.144	39.162 39.037	38.714 38.674 38.799	38.874	38.934	39.106	39.136 39.137	39.197
EXISTING SURFACE	39.139	39.140	39.142	39.128	39.119	39.132 39.134 39.135	39.155 39.156	39.177	39.180 39.182	39.228 39.229 39.230	39.236	39.249	39.262	39.268 39.268	39.268
OFFSET	-23.025	-20.850	-19.350	-16.645	-13.645	-11.400 -11.100 -10.800	-4.600 -4.300	0.000	0.800 1.100	10.800 11.100 11.400	12.900	15.900	19.350	20.850 20.900	22.900

LTPCH 281.803

DATUM37.0																							
DESIGN SURFACE	39.047	38.827	38.797 38.775	38.715	38.573 38.448 38.488	38.751 38.876	38.888	38.897 38.772	38.543 38.503 38.528	38.703	38.763	38.935	38.965 38.966	39.026
EXISTING SURFACE	38.982	38.991	38.995 38.996	39.005	39.014 39.015 39.016	39.036 39.036	39.033	39.039 39.040	39.031 39.031 39.030	39.029	39.030	39.034	39.035 39.035	39.038
OFFSET	-24.718	-20.850	-19.350 -18.903	-15.903	-13.058 -12.753 -12.458	-4.600 -4.300	0.000	3.586 3.891	10.800 11.100 11.400	12.900	15.900	19.350	20.850 20.900	22.900

LTPCH 247.614



DATUM37.0																							
DESIGN SURFACE	38.854	38.730 38.749	38.719	38.607	38.547	38.472 38.347 38.387	38.637 38.762	38.761	38.761 38.636	38.429 38.389 38.514	38.569	38.649	38.822	38.852 38.853	38.913
EXISTING SURFACE	38.823	38.822 38.822 38.822	38.821	38.822	38.824	38.826 38.826 38.826	38.863 38.865	38.892	38.898 38.898	38.888 38.890 38.893	38.907	38.933	38.969	38.977 38.978	38.975
OFFSET	-21.909	-20.822 -20.822 -20.822	-19.332	-17.100	-14.100	-12.600 -12.300 -12.000	-4.600 -4.300	0.000	4.300 4.600	10.800 11.100 11.400	12.900	15.900	19.350	20.850 20.900	22.900

CH 224.861

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

DRAWING TITLE: **ALAMORA - STAGE 16 ROAD CROSS SECTIONS - 1**

STATUS: **ISSUED FOR CONSTRUCTION**

SCALE @ A1 : 1:100 (H) 1:50 (V)
H 2 1 0 2 4
V 1 0.5 0 1 2

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN: S.M	PROJECT MANAGER: M.T
PROJECT No.: 200282.16	DRAWING No.: R500 — REVISION: 0

P:\200\200282 - ALAMORA, TARNEIT\200282.16\CIVIL\2. DRAFTING\ACAD\ROADS & DRAINAGE\200282.16 - R500 - ROAD CROSS SECTIONS.DWG

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NOTE:
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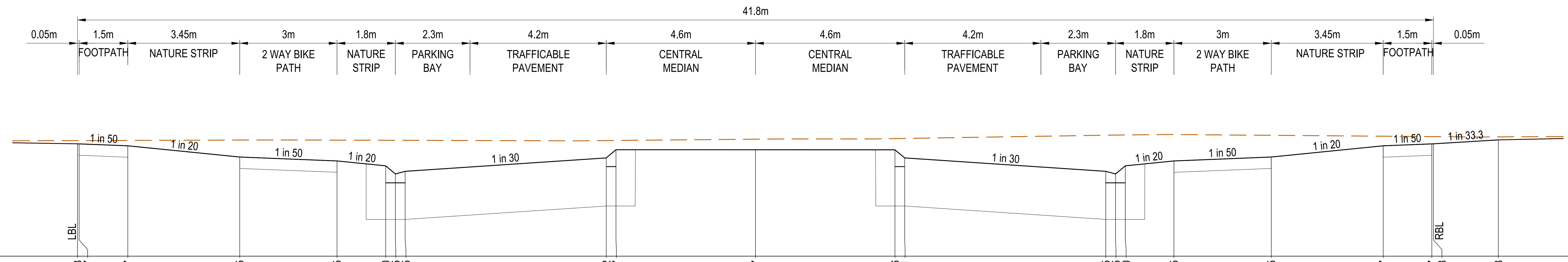
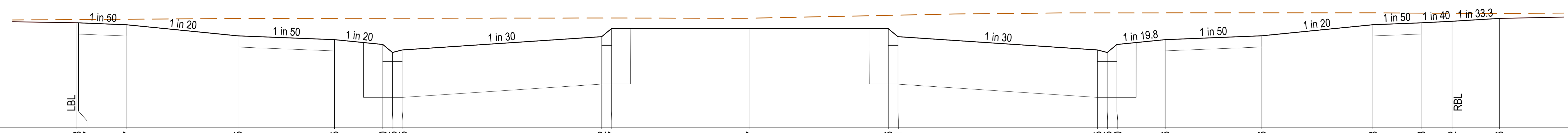
LEGEND
- EXISTING SURFACE
- DESIGN LINE
- SELECT STRUCTURAL FILL



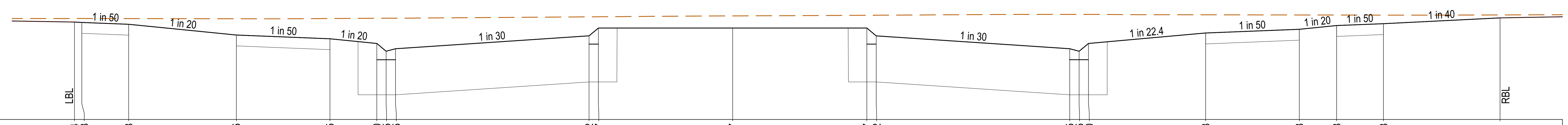
DATUM38.0																						
DESIGN SURFACE	39.728	39.727	39.697	39.525	39.465	39.390	39.265	39.305	39.512	39.637	39.637	39.636	39.511	39.305	39.265	39.390	39.465	39.525	39.697	39.727	39.728	39.788
EXISTING SURFACE	39.778	39.778	39.780	39.786	39.785	39.783	39.782	39.782	39.778	39.780	39.799	39.808	39.811	39.861	39.863	39.864	39.871	39.859	39.845	39.839	39.839	39.835
OFFSET	-20.900	-20.850	-19.350	-15.900	-12.900	-11.400	-11.100	-10.800	-4.600	-4.300	0.000	4.300	4.600	10.800	11.100	11.400	12.900	15.900	19.350	20.850	20.900	22.900

CH 400.000



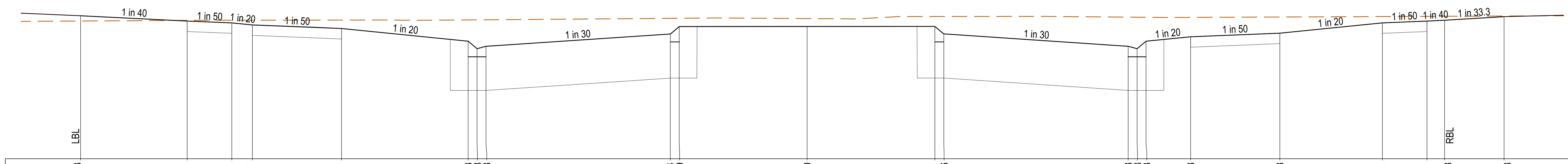
DATUM38.0																						
DESIGN SURFACE	39.628	39.627	39.597	39.425	39.365	39.290	39.165	39.205	39.412	39.537	39.537	39.536	39.411	39.205	39.165	39.290	39.366	39.426	39.598	39.628	39.652	39.696
EXISTING SURFACE	39.679	39.679	39.684	39.695	39.698	39.699	39.699	39.699	39.703	39.703	39.700	39.744	39.747	39.782	39.782	39.782	39.783	39.783	39.783	39.779	39.777	39.774
OFFSET	-20.900	-20.850	-19.350	-15.900	-12.900	-11.400	-11.100	-10.800	-4.600	-4.300	0.000	4.300	4.600	10.800	11.100	11.400	12.901	15.901	19.350	20.850	21.809	23.280

CH 380.000



DATUM38.0																					
DESIGN SURFACE	39.564	39.558	39.528	39.355	39.295	39.220	39.095	39.135	39.342	39.467	39.467	39.467	39.342	39.135	39.095	39.220	39.388	39.448	39.508	39.538	39.631
EXISTING SURFACE	39.620	39.621	39.619	39.617	39.621	39.624	39.625	39.626	39.648	39.649	39.663	39.673	39.674	39.687	39.687	39.687	39.680	39.678	39.677	39.675	39.678
OFFSET	-21.085	-20.850	-19.350	-15.900	-12.900	-11.400	-11.100	-10.800	-4.600	-4.300	0.000	4.300	4.600	10.800	11.100	11.400	15.154	18.154	19.350	20.850	24.585

RTPCH 366.124



DATUM37.0																						
DESIGN SURFACE	39.403	39.311	39.281	39.251	39.191	38.973	38.848	38.888	39.094	39.219	39.220	39.221	39.096	38.888	38.848	38.973	39.048	39.108	39.281	39.311	39.328	39.388
EXISTING SURFACE	39.314	39.326	39.327	39.328	39.330	39.331	39.332	39.333	39.357	39.358	39.354	39.385	39.385	39.374	39.373	39.372	39.372	39.379	39.386	39.389	39.392	39.395
OFFSET	-24.546	-20.850	-19.350	-18.756	-15.756	-11.400	-11.100	-10.800	-4.600	-4.300	0.000	4.300	4.600	10.800	11.100	11.400	12.900	15.900	19.350	20.850	21.550	23.550

LTPCH 316.687

P:\2020\200282 - ALAMORA, TARNEIT\200282.16\CIVIL\2. DRAFTING\ACAD\ROADS & DRAINAGE\200282.16 - R500 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

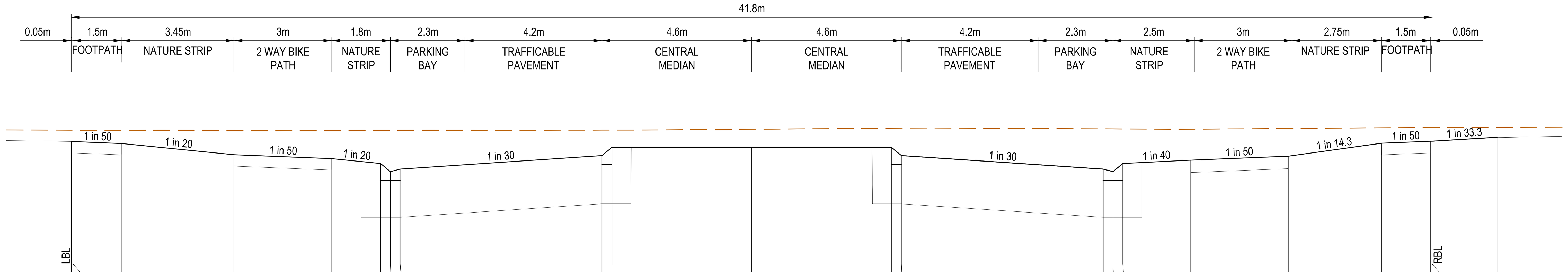
DRAWING TITLE: ALAMORA - STAGE 16 ROAD CROSS SECTIONS - 2

STATUS: ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:100 (H) 1:50 (V)
H 2 1 0 2 4
V 1 0.5 0 1 2

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	**PROJECT MANAGER**
S.M	M.T

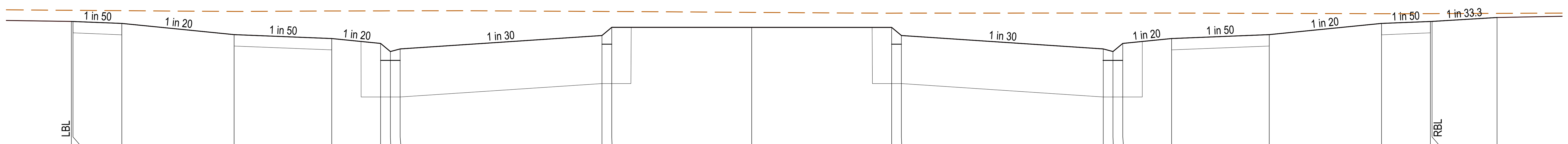
PROJECT No.	DRAWING No.	REVISION
200282.16	R501	0



DATUM38.0

DESIGN SURFACE	40.128	40.127	40.097	39.925	39.865	39.790	39.665	39.705	39.912	40.037	40.037	40.036	39.911	39.705	39.665	39.790	39.842	39.902	40.102	40.132	40.133	40.193
EXISTING SURFACE	40.302	40.302	40.300	40.296	40.296	40.297	40.297	40.298	40.303	40.303	40.316	40.332	40.333	40.322	40.321	40.321	40.317	40.328	40.339	40.344	40.344	40.342
OFFSET	-20.900	-20.850	-19.350	-15.900	-12.900	-11.400	-11.100	-10.800	-4.600	-4.300	0.000	4.300	4.600	10.800	11.100	11.400	13.486	16.486	19.350	20.850	20.900	22.900

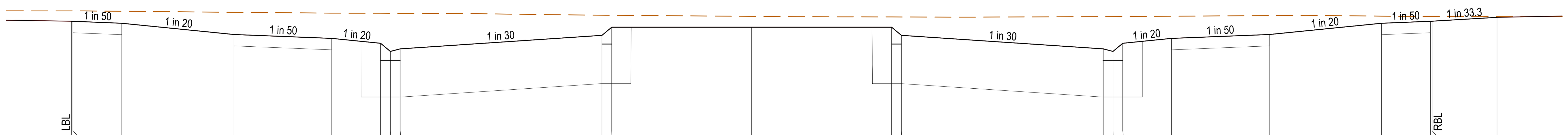
CH 480.000



DATUM38.0

DESIGN SURFACE	40.028	40.027	39.997	39.825	39.765	39.690	39.565	39.605	39.812	39.937	39.937	39.936	39.811	39.605	39.565	39.690	39.765	39.825	39.997	40.027	40.028	40.088
EXISTING SURFACE	40.200	40.199	40.194	40.182	40.189	40.191	40.191	40.191	40.182	40.181	40.168	40.156	40.156	40.158	40.158	40.158	40.157	40.152	40.147	40.148	40.148	40.153
OFFSET	-20.900	-20.850	-19.350	-15.900	-12.900	-11.400	-11.100	-10.800	-4.600	-4.300	0.000	4.300	4.600	10.800	11.100	11.400	12.900	15.900	19.350	20.850	20.900	22.900

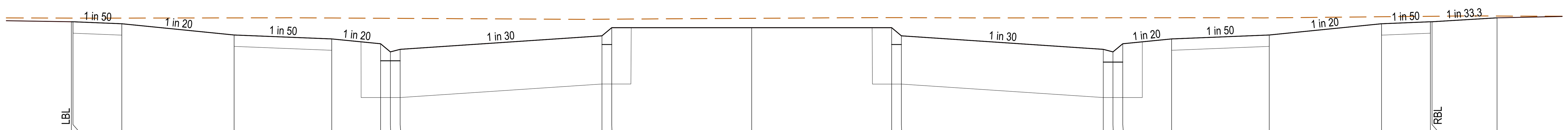
CH 460.000



DATUM38.0

DESIGN SURFACE	39.928	39.927	39.897	39.725	39.665	39.590	39.465	39.505	39.712	39.837	39.837	39.836	39.711	39.505	39.465	39.590	39.665	39.725	39.897	39.927	39.928	39.988
EXISTING SURFACE	40.087	40.087	40.081	40.065	40.052	40.051	40.051	40.051	40.021	40.019	40.003	39.994	39.993	39.999	39.999	40.000	40.005	40.015	40.006	40.001	40.001	39.999
OFFSET	-20.900	-20.850	-19.350	-15.900	-12.900	-11.400	-11.100	-10.800	-4.600	-4.300	0.000	4.300	4.600	10.800	11.100	11.400	12.900	15.900	19.350	20.850	20.900	22.900

CH 440.000



DATUM38.0

DESIGN SURFACE	39.828	39.827	39.797	39.625	39.565	39.490	39.365	39.405	39.612	39.737	39.737	39.736	39.611	39.405	39.365	39.490	39.565	39.625	39.797	39.827	39.828	39.888
EXISTING SURFACE	39.884	39.884	39.884	39.887	39.886	39.882	39.881	39.880	39.867	39.868	39.881	39.891	39.891	39.889	39.889	39.889	39.890	39.888	39.905	39.912	39.912	39.916
OFFSET	-20.900	-20.850	-19.350	-15.900	-12.900	-11.400	-11.100	-10.800	-4.600	-4.300	0.000	4.300	4.600	10.800	11.100	11.400	12.900	15.900	19.350	20.850	20.900	22.900

CH 420.000

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www.1100.com.au

NOTE:
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NOTE:
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LEGEND

- EXISTING SURFACE
- DESIGN LINE
- SELECT STRUCTURAL FILL

P:\2020\200282 - ALAMORA, TARNEIT\200282.16\CIVIL\2. DRAFTING\ACAD\ROADS & DRAINAGE\200282.16 - R500 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
B	13/12/24	ADDED BUS STOP	SM	AW	MT
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT
villawood properties
Communities Designed for Living

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

PROJECT
ALAMORA Tarneit

DRAWING TITLE
ALAMORA - STAGE 16
ROAD CROSS SECTIONS - 3

STATUS
ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:100 (H) 1:50 (V)
H 2 1 0 2 4
V 1 0.5 0 1 2

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R502	0

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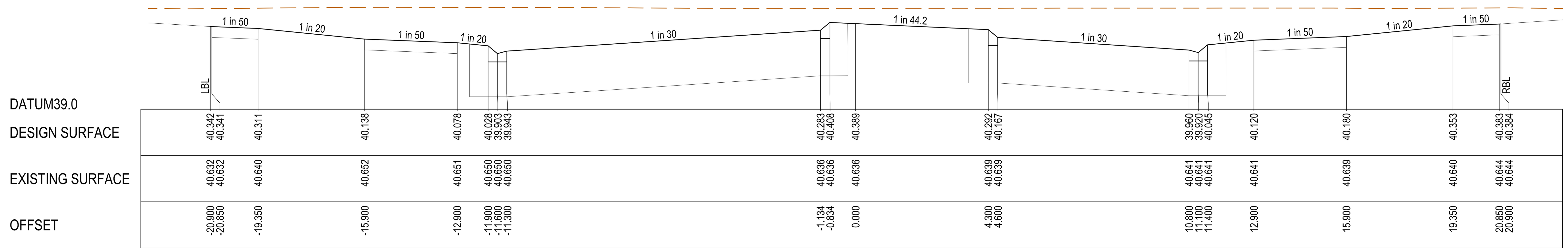
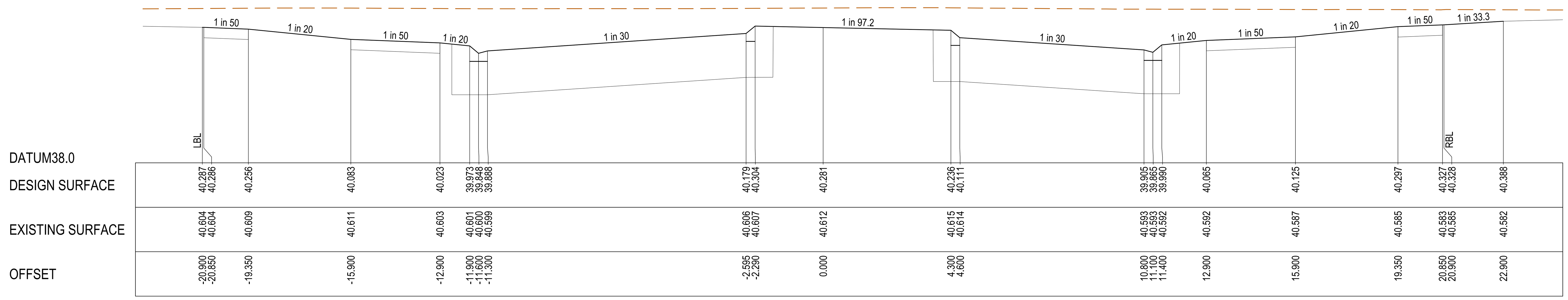
LEGEND

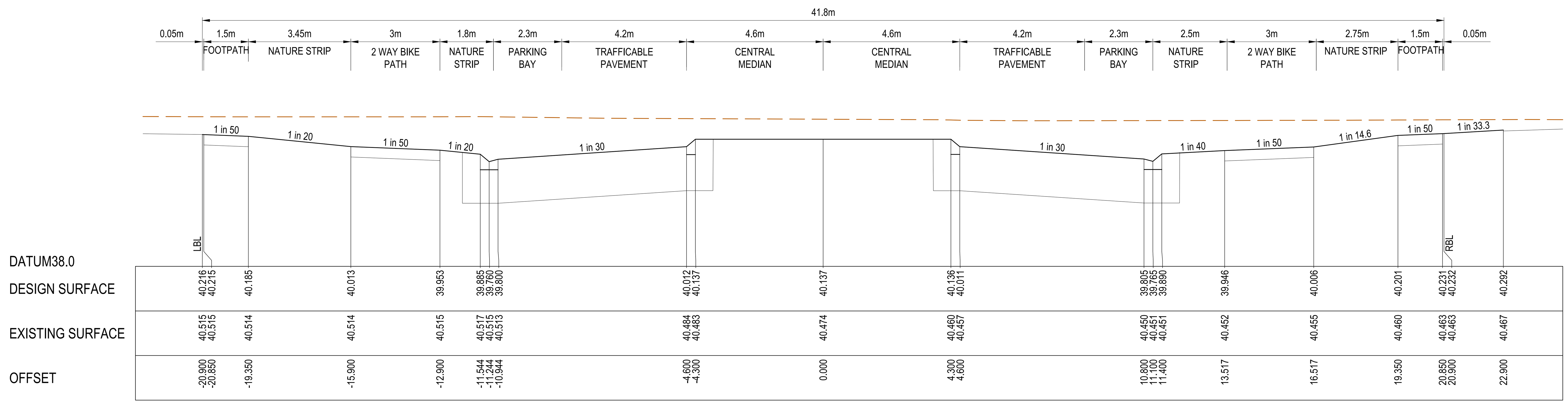
- EXISTING SURFACE
- DESIGN LINE
- SELECT STRUCTURAL FILL



CH 531.047



CH 520.000



CH 500.000

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
B	13/12/24	ADDED BUS STOP	SM	AW	MT
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties – Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

DRAWING TITLE: **ALAMORA - STAGE 16 ROAD CROSS SECTIONS - 4**

STATUS: **ISSUED FOR CONSTRUCTION**

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

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R503	0

P:\2020\200282 - ALAMORA, TARNEIT\200282.16\CIVIL\2. DRAFTING\ACAD\ROADS & DRAINAGE\200282.16 - R500 - ROAD CROSS SECTIONS.DWG

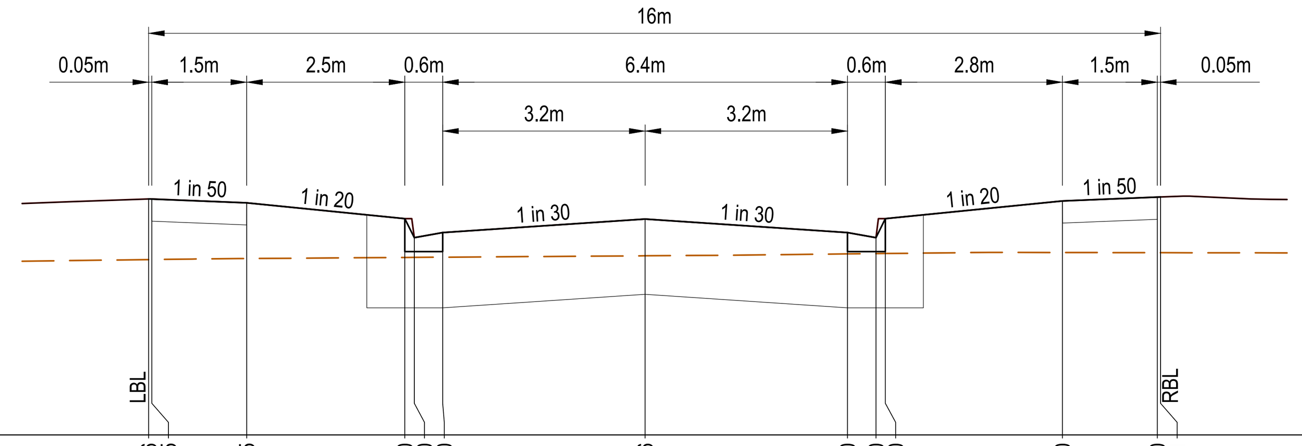
WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works
DIAL 1100 BEFORE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

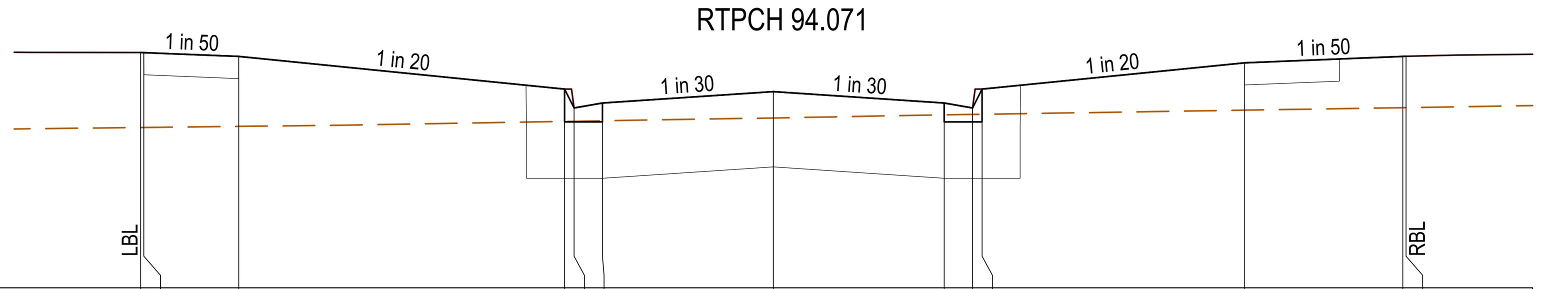
LEGEND
- EXISTING SURFACE
- DESIGN LINE
- SELECT STRUCTURAL FILL

MOLA WAY



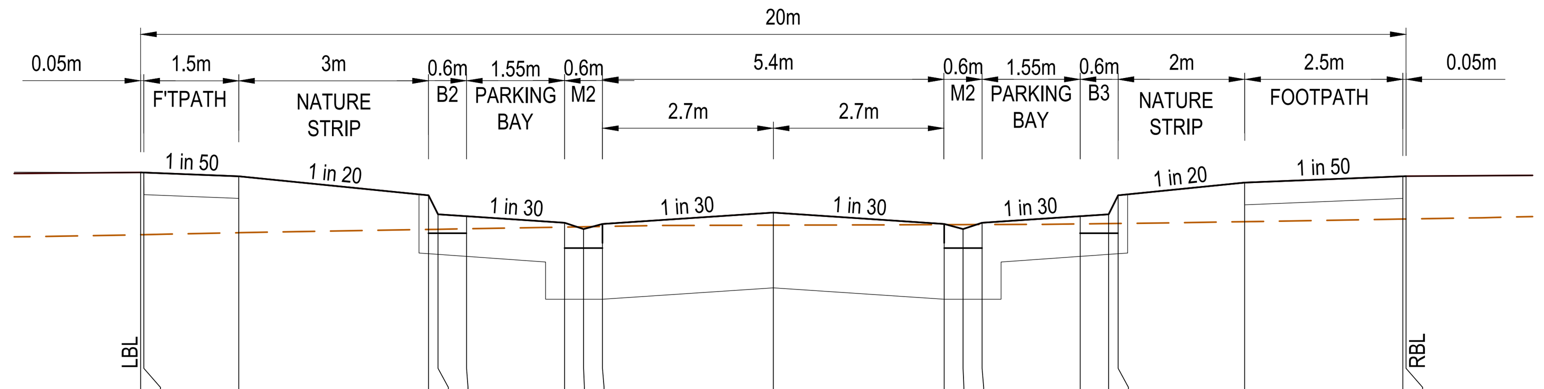
DATUM38.0															
DESIGN SURFACE	39.866	39.865	39.835	39.710	39.560	39.600	39.706	39.600	39.560	39.710	39.850	39.880	39.881
EXISTING SURFACE	39.386	39.386	39.394	39.403	39.403	39.405	39.416	39.431	39.433	39.434	39.442	39.441	39.441
OFFSET	-7.850	-7.800	-6.300	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	6.600	8.100	8.150

RTPCH 94.071



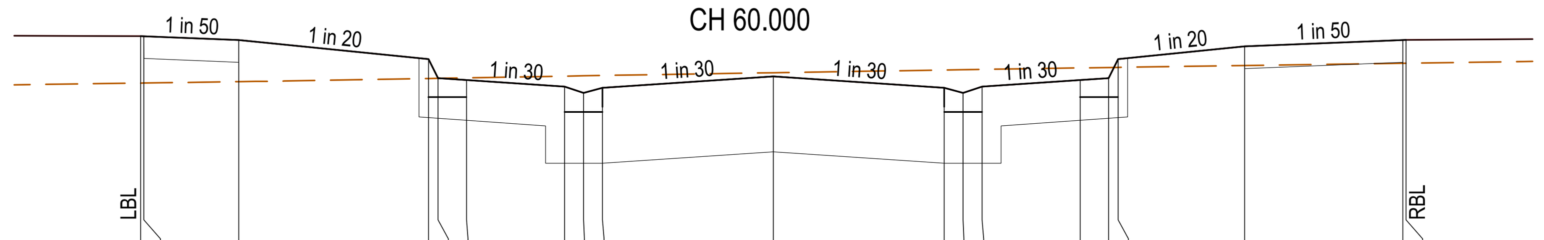
DATUM38.0													
DESIGN SURFACE	39.860	39.859	39.829	39.571	39.421	39.461	39.551	39.461	39.421	39.571	39.779	39.829	39.830
EXISTING SURFACE	39.267	39.267	39.276	39.315	39.316	39.320	39.343	39.367	39.370	39.371	39.404	39.424	39.424
OFFSET	-10.000	-9.950	-8.450	-3.300	-3.150	-2.700	0.000	2.700	3.150	3.300	7.450	9.950	10.000

RTPCH 74.034



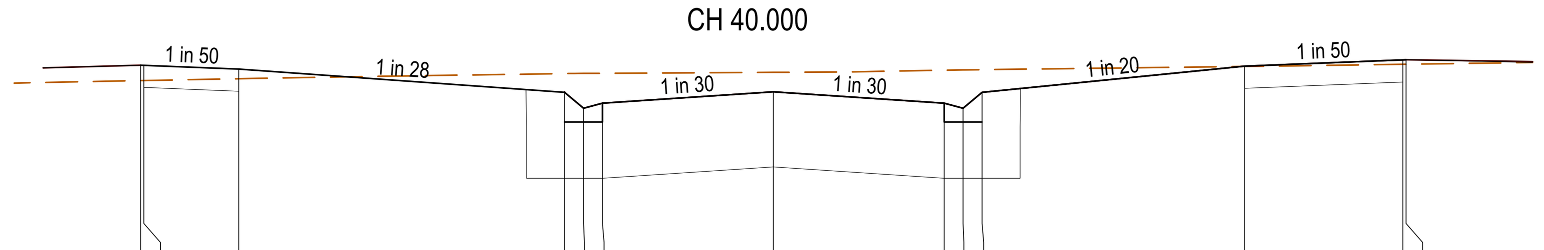
DATUM38.0																				
DESIGN SURFACE	39.799	39.798	39.768	39.618	39.468	39.453	39.401	39.351	39.391	39.481	39.391	39.351	39.401	39.453	39.468	39.618	39.718	39.768	39.769
EXISTING SURFACE	39.306	39.306	39.322	39.348	39.349	39.353	39.366	39.368	39.371	39.381	39.385	39.386	39.386	39.391	39.394	39.395	39.409	39.430	39.430
OFFSET	-10.000	-9.950	-8.450	-5.450	-5.300	-4.850	-3.300	-3.000	-2.700	0.000	2.700	3.000	3.300	4.850	5.300	5.450	7.450	9.950	10.000

CH 60.000



DATUM38.0																				
DESIGN SURFACE	39.699	39.698	39.668	39.518	39.368	39.353	39.301	39.251	39.291	39.381	39.291	39.251	39.301	39.353	39.368	39.518	39.618	39.668	39.669
EXISTING SURFACE	39.328	39.329	39.340	39.364	39.366	39.370	39.383	39.386	39.388	39.410	39.431	39.434	39.436	39.448	39.451	39.452	39.467	39.485	39.485
OFFSET	-10.000	-9.950	-8.450	-5.450	-5.300	-4.850	-3.300	-3.000	-2.700	0.000	2.700	3.000	3.300	4.850	5.300	5.450	7.450	9.950	10.000

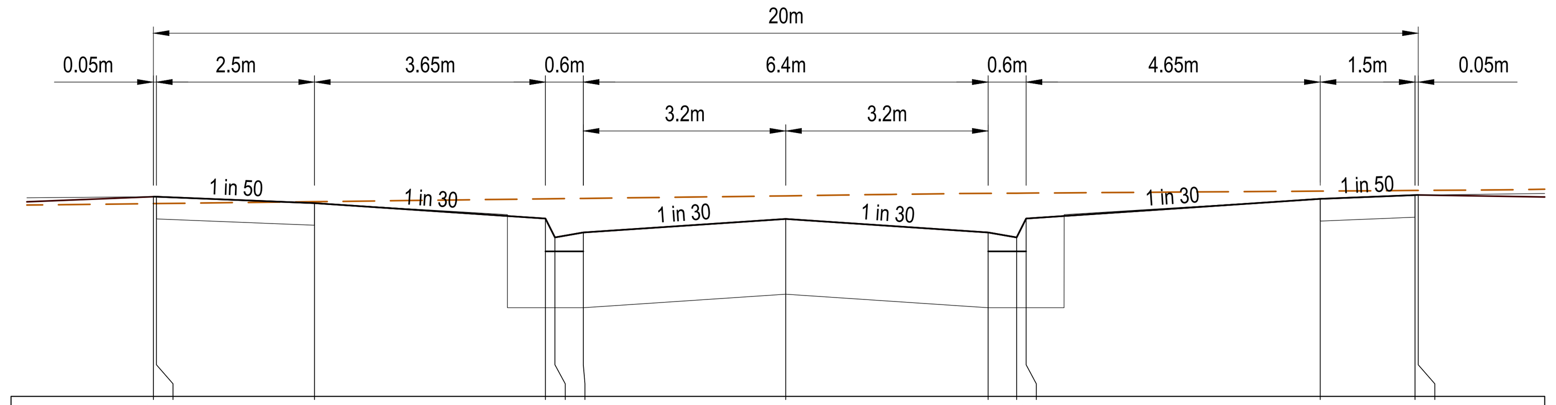
CH 40.000



DATUM38.0													
DESIGN SURFACE	39.503	39.502	39.472	39.288	39.163	39.203	39.293	39.203	39.163	39.288	39.495	39.545	39.546
EXISTING SURFACE	39.381	39.381	39.396	39.436	39.438	39.439	39.446	39.463	39.466	39.468	39.493	39.510	39.510
OFFSET	-10.000	-9.950	-8.450	-3.300	-3.000	-2.700	0.000	2.700	3.000	3.300	7.450	9.950	10.000

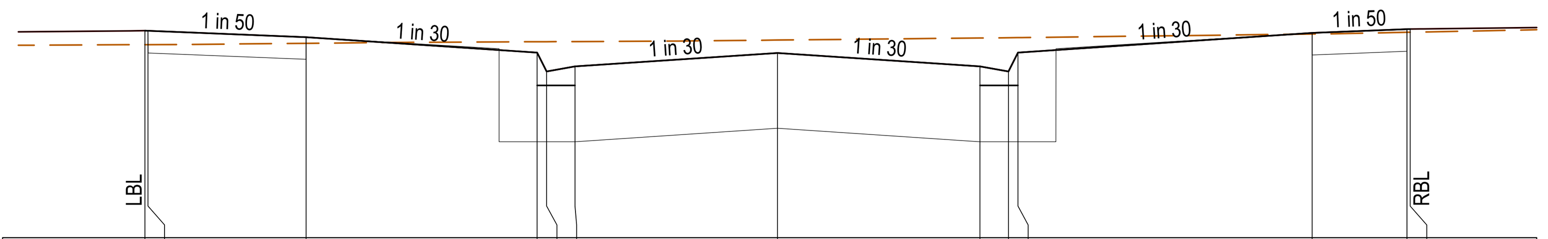
CH 22.335

PENZO WAY



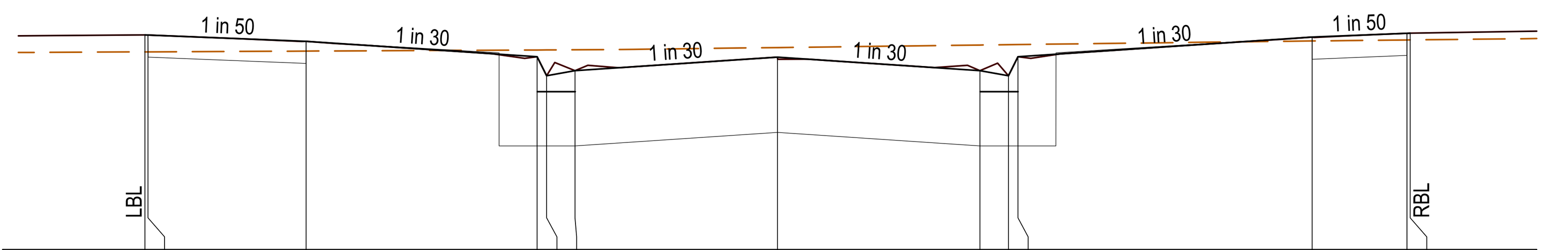
DATUM38.0													
DESIGN SURFACE	39.579	39.578	39.528	39.406	39.256	39.296	39.403	39.296	39.256	39.406	39.561	39.591	39.592
EXISTING SURFACE	39.524	39.524	39.539	39.561	39.562	39.565	39.585	39.605	39.606	39.607	39.622	39.628	39.628
OFFSET	-10.000	-9.950	-7.450	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	8.450	9.950	10.000

CH 71.412



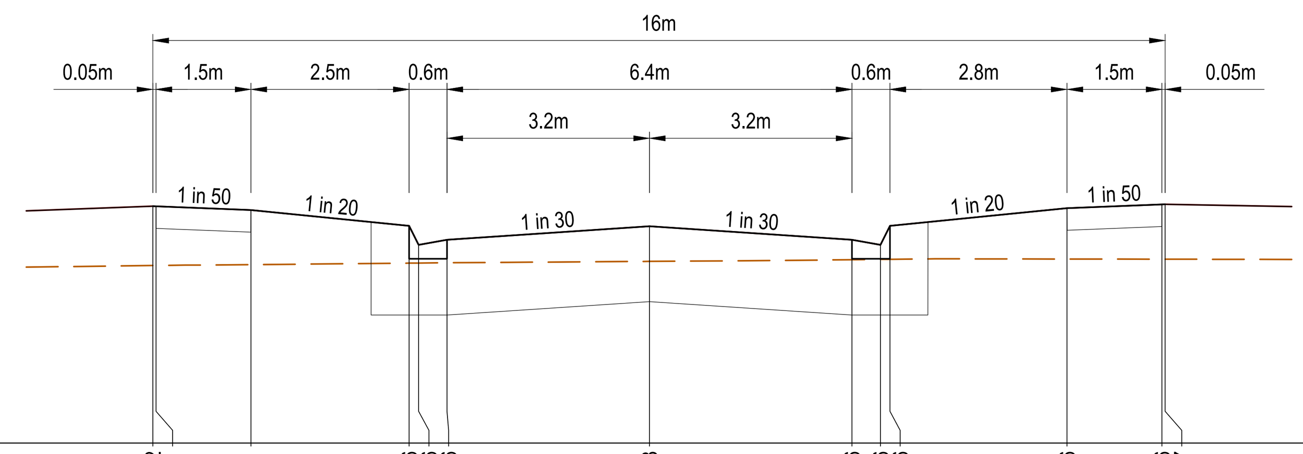
DATUM38.0													
DESIGN SURFACE	39.636	39.635	39.585	39.463	39.313	39.353	39.460	39.353	39.313	39.463	39.618	39.648	39.649
EXISTING SURFACE	39.525	39.525	39.536	39.548	39.549	39.550	39.562	39.578	39.580	39.581	39.609	39.623	39.624
OFFSET	-10.000	-9.950	-7.450	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	8.450	9.950	10.000

CH 60.000



DATUM38.0													
DESIGN SURFACE	39.696	39.695	39.645	39.523	39.373	39.413	39.520	39.413	39.373	39.523	39.678	39.708	39.709
EXISTING SURFACE	39.562	39.562	39.568	39.577	39.577	39.578	39.596	39.616	39.618	39.619	39.648	39.656	39.656
OFFSET	-10.000	-9.950	-7.450	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	8.450	9.950	10.000

CH 51.366



DATUM38.0													
DESIGN SURFACE	39.872	39.871	39.841	39.716	39.566	39.606	39.713	39.606	39.566	39.716	39.856	39.886	39.887
EXISTING SURFACE	39.403	39.403	39.410	39.422	39.422	39.424	39.436	39.449	39.451	39.452	39.454	39.453	39.453
OFFSET	-7.850	-7.800	-6.300	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	6.600	8.100	8.150

CH 95.371

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

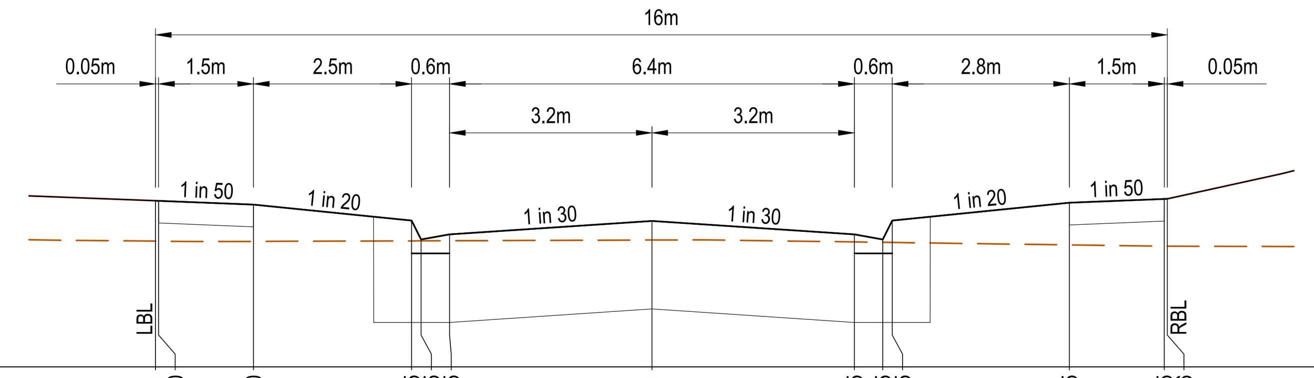
DRAWING TITLE: **ALAMORA - STAGE 16**
ROAD CROSS SECTIONS - 5

STATUS: **ISSUED FOR CONSTRUCTION**

SCALE @ A1 : 1:100 (H) 1:50 (V)
H 2 1 0 2 4
V 1 0.5 0 1 2

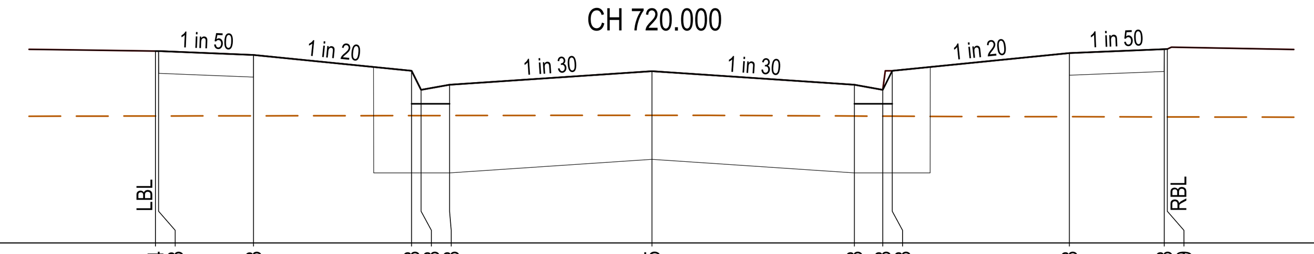
DESIGNED: S.M
PROJECT ENGINEER: M.T
DRAWN: S.M
PROJECT MANAGER: M.T
PROJECT No.: 200282.16
DRAWING No.: R504
REVISION: 0

P:\2020\200282 - ALAMORA, TARNEIT\200282.16\CIVIL\2. DRAFTING\ACAD\ROADS & DRAINAGE\200282.16 - R500 - ROAD CROSS SECTIONS.DWG



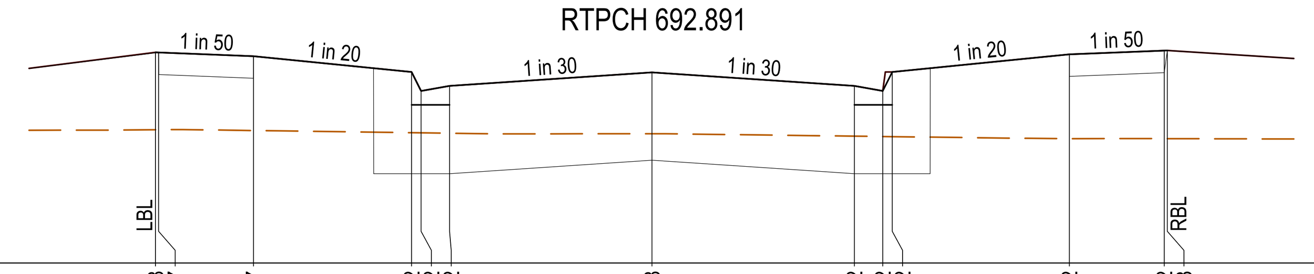
DATUM38.0													
DESIGN SURFACE	39.311	39.310	39.280	39.155	39.005	39.045	39.151	39.045	39.005	39.155	39.295	39.325	39.326
EXISTING SURFACE	38.992	38.992	38.990	38.994	38.994	38.995	39.001	38.986	38.982	38.981	38.962	38.952	38.952
OFFSET	-7.850	-7.800	-6.300	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	6.600	8.100	8.150

CH 720.000



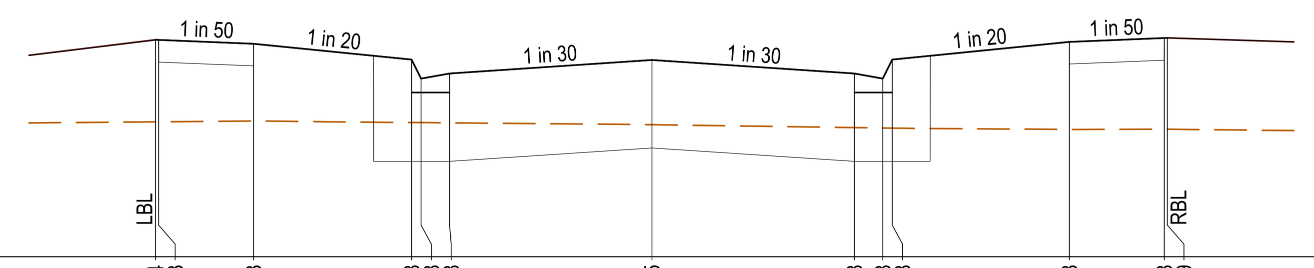
DATUM38.0													
DESIGN SURFACE	39.514	39.513	39.483	39.358	39.208	39.248	39.355	39.248	39.208	39.358	39.498	39.528	39.529
EXISTING SURFACE	39.001	39.001	39.003	39.005	39.005	39.005	39.007	39.001	39.000	39.000	38.996	38.994	38.994
OFFSET	-7.850	-7.800	-6.300	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	6.600	8.100	8.150

RTPCH 692.891



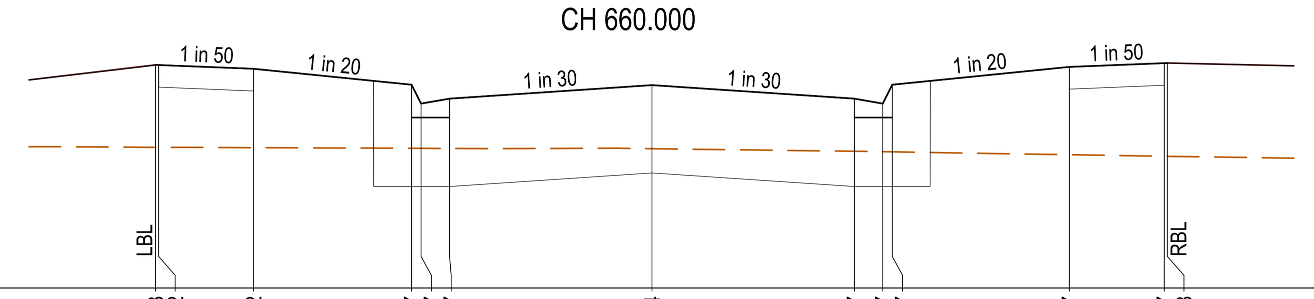
DATUM38.0													
DESIGN SURFACE	39.668	39.667	39.637	39.512	39.362	39.402	39.508	39.402	39.362	39.512	39.652	39.682	39.683
EXISTING SURFACE	39.055	39.055	39.048	39.031	39.030	39.027	39.023	39.004	39.001	39.000	38.984	38.984	38.984
OFFSET	-7.850	-7.800	-6.300	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	6.600	8.100	8.150

RTPCH 669.291



DATUM38.0													
DESIGN SURFACE	39.714	39.713	39.683	39.558	39.408	39.448	39.555	39.448	39.408	39.558	39.698	39.728	39.729
EXISTING SURFACE	39.066	39.066	39.072	39.061	39.060	39.058	39.043	39.020	39.017	39.016	39.006	39.007	39.007
OFFSET	-7.850	-7.800	-6.300	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	6.600	8.100	8.150

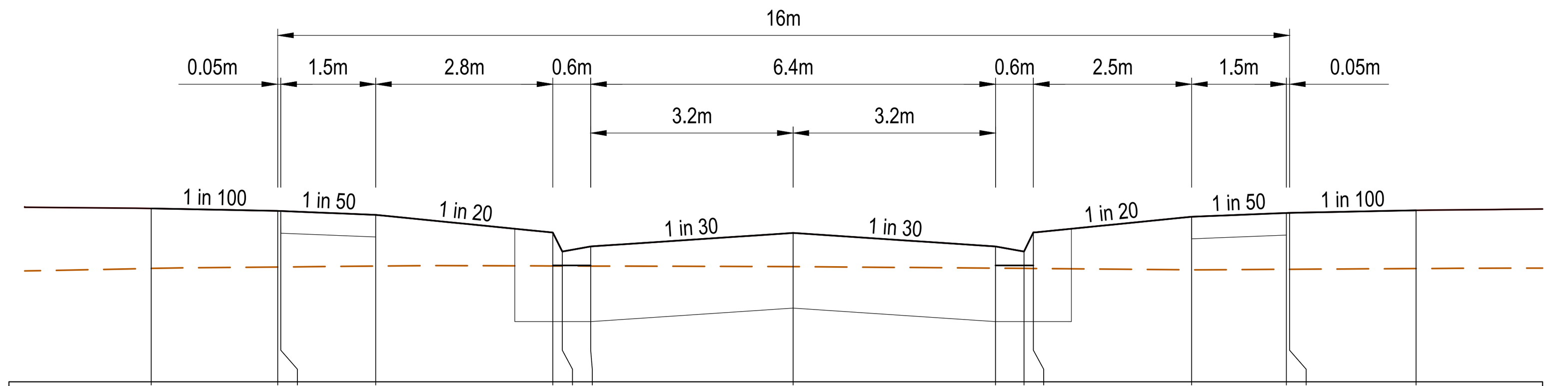
CH 660.000



DATUM38.0													
DESIGN SURFACE	39.763	39.762	39.732	39.607	39.457	39.497	39.604	39.497	39.457	39.607	39.747	39.777	39.778
EXISTING SURFACE	39.112	39.112	39.109	39.104	39.104	39.103	39.101	39.081	39.077	39.076	39.053	39.041	39.040
OFFSET	-7.850	-7.800	-6.300	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	6.600	8.100	8.150

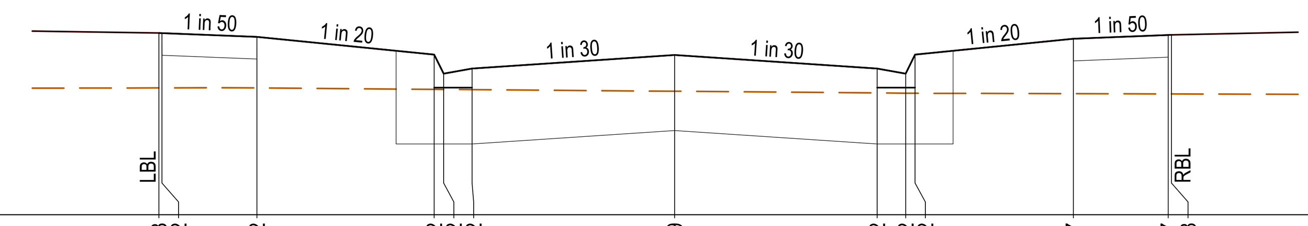
CH 650.241

KAVERI STREET



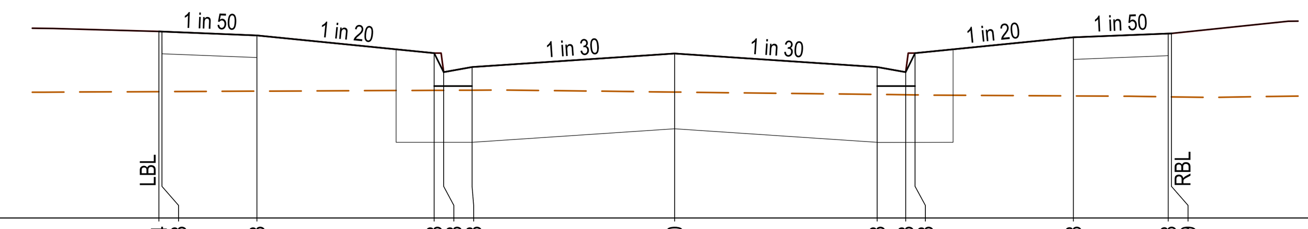
DATUM38.0															
DESIGN SURFACE	39.372	39.352	39.351	39.321	39.181	39.031	39.071	39.178	39.071	39.031	39.181	39.306	39.336	39.337	39.357
EXISTING SURFACE	38.897	38.909	38.909	38.916	38.917	38.917	38.916	38.912	38.899	38.898	38.897	38.887	38.891	38.891	38.896
OFFSET	-10.150	-8.150	-8.100	-6.600	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	6.300	7.800	7.850	9.850

CH 36.150



DATUM38.0													
DESIGN SURFACE	39.433	39.432	39.402	39.262	39.112	39.152	39.259	39.152	39.112	39.262	39.387	39.417	39.418
EXISTING SURFACE	39.000	39.000	38.999	38.988	38.988	38.986	38.973	38.960	38.958	38.958	38.954	38.952	38.952
OFFSET	-8.150	-8.100	-6.600	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	6.300	7.800	7.850

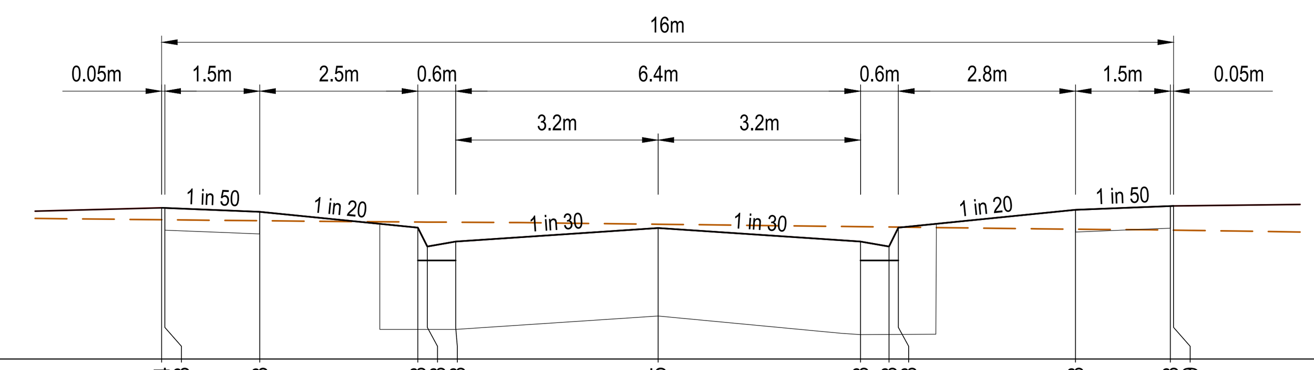
CH 20.000



DATUM38.0													
DESIGN SURFACE	39.474	39.473	39.443	39.303	39.153	39.193	39.300	39.193	39.153	39.303	39.428	39.458	39.459
EXISTING SURFACE	38.999	38.999	39.003	39.009	39.009	39.010	38.995	38.977	38.974	38.973	38.965	38.958	38.958
OFFSET	-8.150	-8.100	-6.600	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	6.300	7.800	7.850

TPCH 11.800

PALIA DRIVE



DATUM38.0													
DESIGN SURFACE	39.194	39.193	39.163	39.038	38.888	38.928	39.035	38.928	38.888	39.038	39.178	39.208	39.209
EXISTING SURFACE	39.101	39.100	39.093	39.082	39.082	39.081	39.065	39.046	39.043	39.042	39.026	39.019	39.018
OFFSET	-7.850	-7.800	-6.300	-3.800	-3.650	-3.200	0.000	3.200	3.650	3.800	6.600	8.100	8.150

LTPCH 743.265

WARNING

BEWARE OF UNDERGROUND & OVERHEAD SERVICES

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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

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

DRAWING TITLE: ALAMORA - STAGE 16 ROAD CROSS SECTIONS - 6

STATUS: ISSUED FOR CONSTRUCTION

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

H 2 1 0 2 4
V 1 0.5 0 1 2

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R505	0

P:\2020\200282 - ALAMORA, TARNEIT\200282 16\CIVIL\2. DRAFTING\ACAD\ROADS & DRAINAGE\200282 16 - R505 - ROAD CROSS SECTIONS.DWG

WARNING

BEWARE OF UNDERGROUND & OVERHEAD SERVICES

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DIAL 1100 BEFORE YOU DIG

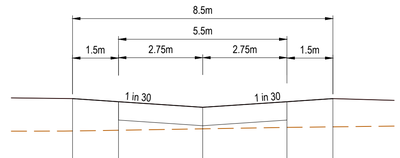
www.1100.com.au

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.

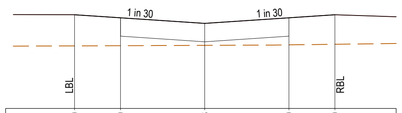
LEGEND

- EXISTING SURFACE
- DESIGN LINE
- SELECT STRUCTURAL FILL



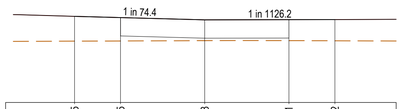
DATUM38.0					
DESIGN SURFACE	39.580	39.530	39.438	39.530	39.580
EXISTING SURFACE	39.052	39.064	39.087	39.110	39.119
OFFSET	-4.250	-2.750	0.000	2.750	4.250

CH 20.000



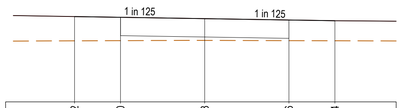
DATUM38.0					
DESIGN SURFACE	39.530	39.480	39.388	39.480	39.530
EXISTING SURFACE	39.021	39.025	39.030	39.038	39.048
OFFSET	-4.250	-2.750	0.000	2.750	4.250

CH 10.000



DATUM38.0					
DESIGN SURFACE	39.405	39.385	39.348	39.351	39.352
EXISTING SURFACE	39.000	39.003	39.008	39.008	39.006
OFFSET	-4.250	-2.750	0.000	2.750	4.250

CH 2.000

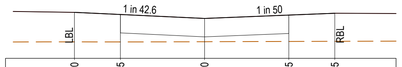


DATUM38.0					
DESIGN SURFACE	39.392	39.380	39.358	39.336	39.324
EXISTING SURFACE	38.996	38.999	39.003	38.999	38.997
OFFSET	-4.250	-2.750	0.000	2.750	4.250

CH 0

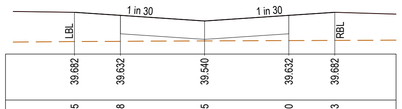
DATUM39.0					
DESIGN SURFACE	39.776	39.768	39.754	39.741	39.733
EXISTING SURFACE	39.314	39.318	39.321	39.321	39.320
OFFSET	-4.250	-2.750	0.000	2.750	4.250

CH 56.000



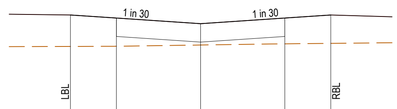
DATUM39.0					
DESIGN SURFACE	39.750	39.715	39.650	39.705	39.735
EXISTING SURFACE	39.268	39.268	39.271	39.275	39.277
OFFSET	-4.250	-2.750	0.000	2.750	4.250

CH 50.000



DATUM39.0					
DESIGN SURFACE	39.682	39.632	39.540	39.632	39.682
EXISTING SURFACE	39.205	39.208	39.215	39.220	39.223
OFFSET	-4.250	-2.750	0.000	2.750	4.250

CH 40.000



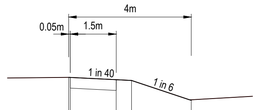
DATUM38.0					
DESIGN SURFACE	39.630	39.580	39.488	39.580	39.630
EXISTING SURFACE	39.117	39.120	39.140	39.159	39.167
OFFSET	-4.250	-2.750	0.000	2.750	4.250

CH 30.000

LOZNA LANE

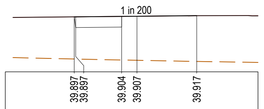
DATUM38.0				
DESIGN SURFACE	39.928 39.927	39.907 39.900		39.699
EXISTING SURFACE	39.143 39.142	39.126	39.123	39.111
OFFSET	0.000 0.050	1.550	2.050	4.000

CH 6.274



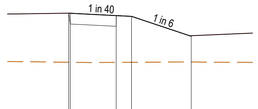
DATUM38.0				
DESIGN SURFACE	39.706 39.705	39.667	39.655	39.330
EXISTING SURFACE	39.025 39.025	39.025	39.024	39.022
OFFSET	0.000 0.050	1.550	2.050	4.000

CH 40.000



DATUM39.0				
DESIGN SURFACE	39.897 39.897	39.904 39.907		39.917
EXISTING SURFACE	39.209 39.208	39.193	39.188	39.169
OFFSET	0.000 0.050	1.550	2.050	4.000

CH 0.000



DATUM38.0				
DESIGN SURFACE	39.838 39.836	39.799 39.786		39.461
EXISTING SURFACE	39.037 39.037	39.035 39.037		39.042
OFFSET	0.000 0.050	1.550	2.050	4.000

CH 20.000

BANAS WALK

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

DRAWING TITLE: **ALAMORA - STAGE 16**
ROAD CROSS SECTIONS - 7

STATUS: **ISSUED FOR CONSTRUCTION**

SCALE @ A1 : 1:100 (H) 1:50 (V)
H 2 1 0 2 4
V 1 0.5 0 1 2

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R506	0

P:\2020\200282 - ALAMORA, TARNEIT\200282.16\CIVIL2 DRAFTING\ACAD\ROADS & DRAINAGE\200282.16 - R500 - ROAD CROSS SECTIONS.DWG

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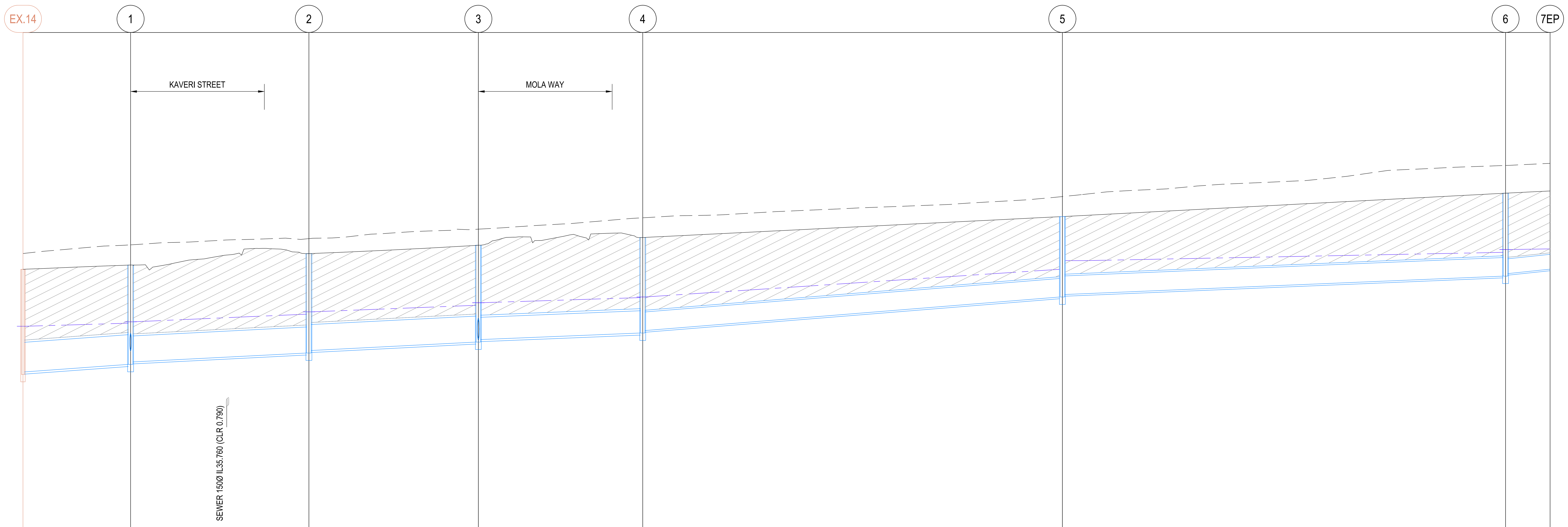
www.1100.com.au

LEGEND

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



Reach	EX.14–1	1–2	2–3	3–4	4–5	5–6	6–7EP
Class	CLASS 3	CLASS 3	CLASS 3	CLASS 3	CLASS 4	CLASS 4	CLASS 3
DESIGN FLOW (m3/s)	0.329	0.282	0.268	0.160	0.143	0.078	0.036
CAPACITY (m3/s)	0.515	0.304	0.304	0.180	0.157	0.113	0.097
AT GRADE VELOCITY (m/s)	1.82	1.41	1.41	1.13	1.42	1.02	1.37
PIPE SIZE (mm)	600Ø	525Ø	525Ø	450Ø	375Ø	375Ø	300Ø
GRADE	1 in 142	1 in 200	1 in 200	1 in 250	1 in 125	1 in 241	1 in 100
(Reach Length)	(21.733)	(36.013)	(34.222)	(33.197)	(84.760)	(89.501)	(9.000)

DATUM 31.0

	EX.14	1	2	3	4	5	6	7EP
DEPTH TO INVERT	2.124 / 2.074	2.007 / 1.957	2.009 / 1.959	1.956 / 1.906	1.929 / 1.879	1.625 / 1.575	1.634 / 1.584	1.581
HYDRAULIC GRADE LINE	37.366	37.425 / 37.453	37.608 / 37.654	37.787 / 37.838	37.943 / 37.955	38.521 / 38.668	38.857 / 38.914	38.926 / 38.952
INVERT LEVEL	36.39 / 36.44	36.593 / 36.643	36.823 / 36.873	37.044 / 37.094	37.227 / 37.277	37.955 / 38.005	38.377 / 38.427	38.517
FINISHED SURFACE LEVELS	38.514	38.600	38.832	39.000	39.156	39.580	40.011	40.098
EXISTING SURFACE LEVEL	38.834	39.008	39.134	39.325	39.555	39.984	40.612	40.656
CHAINAGE	0.000	21.733	57.746	91.969	125.166	209.926	299.427	308.427

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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
B	15/01/25	COUNCIL COMMENTS	A.W	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

DRAWING TITLE: ALAMORA - STAGE 16 DRAINAGE LONG SECTIONS - 1

STATUS: ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:500 (H) 1:50 (V)
H 10 5 0 10 20
V 1 0.5 0 1 2

DESIGNED: S.M
PROJECT ENGINEER: M.T
DRAWN: S.M
PROJECT MANAGER: M.T
PROJECT No. 200282.16
DRAWING No. R600
REVISION 0

WARNING
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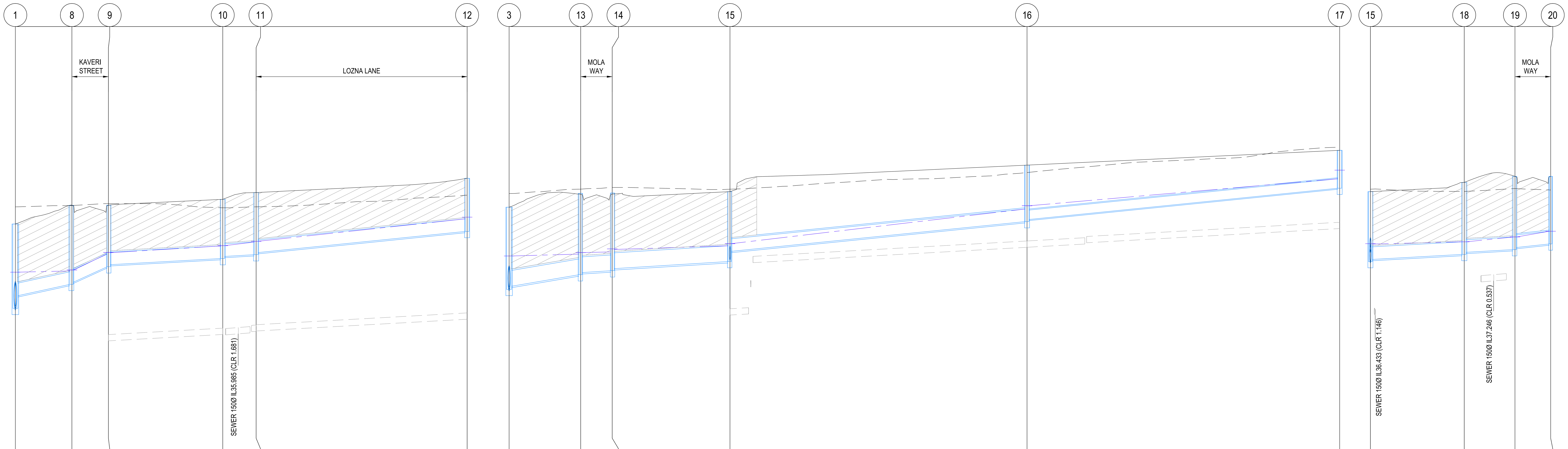
LEGEND

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



Pits 1 – 12 (DATUM 31.0)

Reach	1–8	8–9	9–10	10–11	11–12
Pipe class		CLASS 4	CLASS 6		CLASS 3
DESIGN FLOW (m3/s)	0.045	0.040	0.032	0.032	0.024
CAPACITY (m3/s)	0.137	0.199	0.071	0.071	0.097
AT GRADE VELOCITY (m/s)	1.94	2.82	1	1	1.37
PIPE SIZE (mm)	300Ø	300Ø	300Ø	300Ø	300Ø
GRADE	1 in 49.9	1 in 23.5	1 in 187	1 in 187	1 in 100
(Reach Length)	(13.479)	(8.699)	(27.234)	(7.951)	(50.270)

Pit	1	8	9	10	11	12
DEPTH TO INVERT	2.007 / 1.707	1.884 / 1.834	1.465 / 1.415	1.410 / 1.360	1.478 / 1.428	1.266
HYDRAULIC GRADE LINE	37.425 / 37.453	37.482 / 37.506	37.882 / 37.923 / 37.916	38.078 / 38.084	38.170 / 38.189	38.723 / 38.763
INVERT LEVEL	36.593 / 36.893	37.163 / 37.213	37.582 / 37.632	37.778 / 37.828	37.870 / 37.920	38.423
FINISHED SURFACE LEVELS	38.600	39.047	39.048	39.187	39.349	39.689
EXISTING SURFACE LEVEL	39.008	39.040	39.087	38.986	39.008	39.288
CHAINAGE	0.000	13.479	22.178	49.412	57.364	107.634

Pits 3 – 17 (DATUM 31.0)

Reach	3–13	13–14	14–15	15–16	16–17
Pipe class		CLASS 3	CLASS 3		
DESIGN FLOW (m3/s)	0.091	0.081	0.074	0.068	0.035
CAPACITY (m3/s)	0.222	0.136	0.136	0.097	0.045
AT GRADE VELOCITY (m/s)	2.01	1.23	1.23	1.37	1.13
PIPE SIZE (mm)	375Ø	375Ø	375Ø	300Ø	225Ø
GRADE	1 in 62.2	1 in 167	1 in 167	1 in 100	1 in 100
(Reach Length)	(17.063)	(7.502)	(28.054)	(70.769)	(74.481)

Pit	3	13	14	15	16	17
DEPTH TO INVERT	1.956 / 1.881	1.913 / 1.863	1.825 / 1.775	1.665 / 1.422	1.345 / 1.295	0.902
HYDRAULIC GRADE LINE	37.787 / 37.838	37.884 / 37.920	37.936 / 38.008 / 37.994	38.082 / 38.131 / 38.134	38.957 / 39.034	39.677 / 39.883
INVERT LEVEL	37.044 / 37.119	37.393 / 37.443	37.488 / 37.538	37.707 / 37.949	38.657 / 38.707	39.452
FINISHED SURFACE LEVELS	39.000	39.306	39.314	39.371	40.002	40.354
EXISTING SURFACE LEVEL	39.325	39.430	39.470	39.429	39.825	40.429
CHAINAGE	0.000	17.063	24.565	52.619	123.388	197.869

Pits 15 – 20 (DATUM 31.0)

Reach	15–18	18–19	19–20
Pipe class			CLASS 3
DESIGN FLOW (m3/s)	0.009	0.009	0.004
CAPACITY (m3/s)	0.071	0.071	0.097
AT GRADE VELOCITY (m/s)	1	1	1.37
PIPE SIZE (mm)	300Ø	300Ø	300Ø
GRADE	1 in 187	1 in 187	1 in 100
(Reach Length)	(22.350)	(12.092)	(8.500)

Pit	15	18	19	20
DEPTH TO INVERT	1.665 / 1.615	1.715 / 1.665	1.744 / 1.694	1.609
HYDRAULIC GRADE LINE	38.082 / 38.131 / 38.123	38.176	38.291 / 38.293	38.426 / 38.428
INVERT LEVEL	37.707 / 37.757	37.876 / 37.926	37.991 / 38.041	38.126
FINISHED SURFACE LEVELS	39.371	39.591	39.735	39.735
EXISTING SURFACE LEVEL	39.429	39.375	39.445	39.410
CHAINAGE	0.000	22.350	34.442	42.942

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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
B	15/01/25	COUNCIL COMMENTS	A.W	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

DRAWING TITLE: **ALAMORA - STAGE 16 DRAINAGE LONG SECTIONS - 2**

STATUS: **ISSUED FOR CONSTRUCTION**

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

H 10 5 0 10 20
V 1 0.5 0 1 2

DESIGNED	PROJECT ENGINEER	DRAWN	PROJECT MANAGER	PROJECT No.	DRAWING No.	REVISION
S.M	M.T	S.M	M.T	200282.16	R601	0

WARNING

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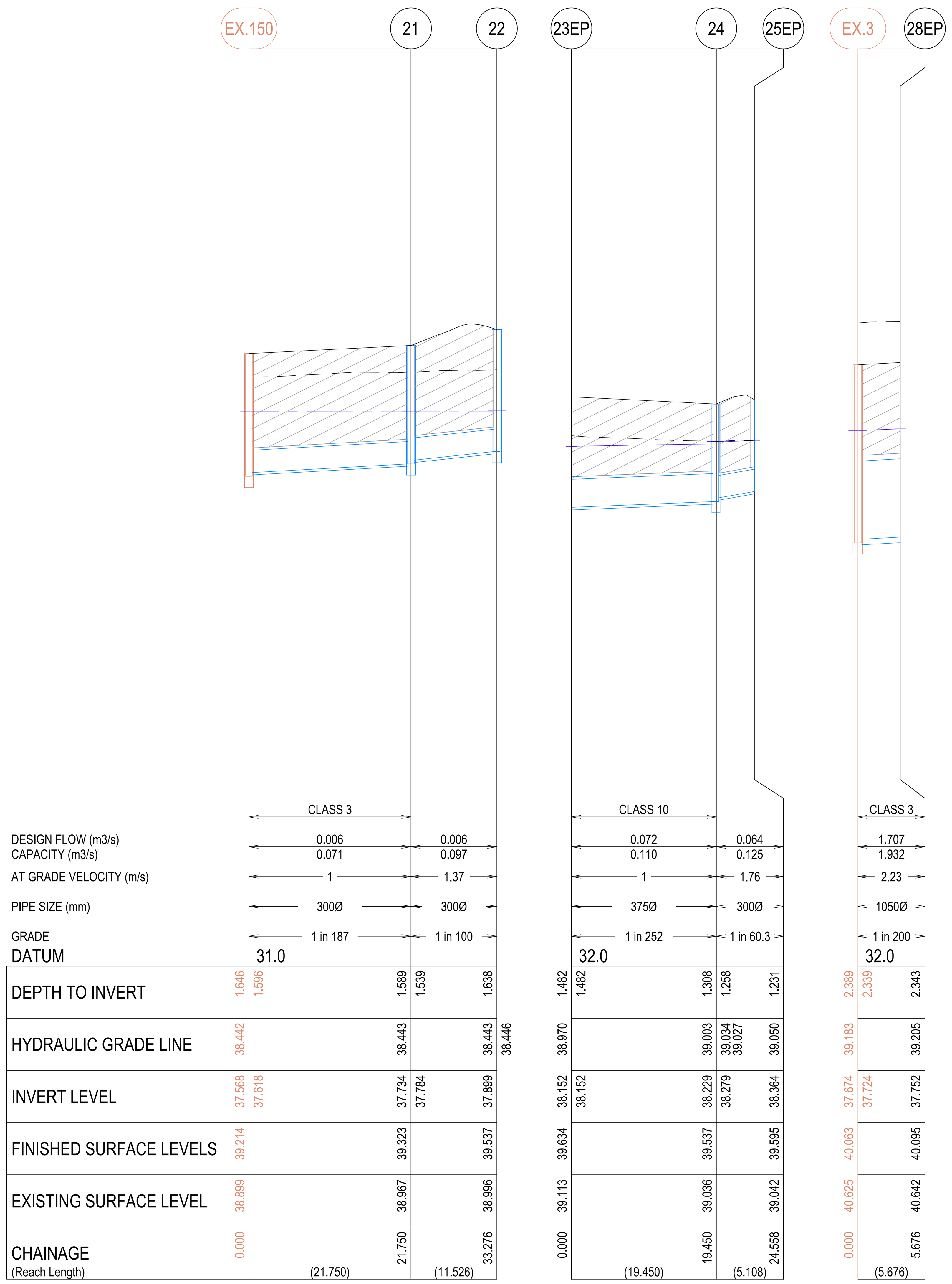
LEGEND

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



PIT SCHEDULE											
PIT NUMBER	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)				
Ex.14	Ex.PIT			600	36.44			38.514	2.124		CONNECT TO EXISTING PIT
1	SIDE ENTRY PIT GRATED	900	900	525	36.643	600	36.593	38.600	2.007	EDCM601 & 607	HAUNCHED TO 600x900 COVER
				300	36.893						
2	SIDE ENTRY PIT GRATED	900	900	525	36.873	525	36.823	38.832	2.009	EDCM601 & 607	HAUNCHED TO 600x900 COVER
3	JUNCTION PIT	900	900	450	37.094	525	37.044	39.000	1.956	EDCM607	HAUNCHED TO 600x900 COVER
				375	37.119						
4	SIDE ENTRY PIT GRATED	600	900	375	37.277	450	37.227	39.156	1.929	EDCM 601 & 605	
5	SIDE ENTRY PIT GRATED	600	900	375	38.005	375	37.955	39.580	1.625	EDCM 601 & 605	
6	SIDE ENTRY PIT GRATED	600	900	300	38.427	375	38.377	40.011	1.634	EDCM 601 & 605	
7EP	ENDPIPE					300	38.517	40.098	1.581		ENDPIPE TO BE SEALED AND CAPPED FOR FUTURE CONNECTIONS
8	SIDE ENTRY PIT GRATED	600	900	300	37.213	300	37.163	39.047	1.884	EDCM 601 & 605	
9	SIDE ENTRY PIT GRATED	600	900	300	37.632	300	37.582	39.048	1.465	EDCM 601 & 605	CLASS D ACCESS COVER
10	SIDE ENTRY PIT GRATED	600	900	300	37.828	300	37.778	39.187	1.410	EDCM 601 & 605	
11	GRATED PIT	600	900	300	37.920	300	37.870	39.349	1.478	EDCM605 WITH GRATE	CLASS D, BIKE SAFE INVERTED GRATED COVER
12	JUNCTION PIT	600	900			300	38.423	39.689	1.266	EDCM605	CLASS D ACCESS COVER
13	SIDE ENTRY PIT GRATED	600	900	375	37.443	375	37.393	39.306	1.913	EDCM 601 & 605	
14	SIDE ENTRY PIT GRATED	600	900	375	37.538	375	37.488	39.314	1.825	EDCM 601 & 605	
15	JUNCTION PIT	600	900	300	37.949	375	37.707	39.371	1.665	EDCM605	CLASS D ACCESS COVER
				300	37.757						
16	JUNCTION PIT	600	900	225	38.707	300	38.657	40.002	1.345	EDCM605	
17	JUNCTION PIT	600	900			225	39.452	40.354	0.902	EDCM605	
18	JUNCTION PIT	600	900	300	37.926	300	37.876	39.591	1.715	EDCM605	
19	SIDE ENTRY PIT GRATED	600	900	300	38.041	300	37.991	39.735	1.744	EDCM 601 & 605	
20	SIDE ENTRY PIT GRATED	600	900			300	38.126	39.735	1.609	EDCM 601 & 605	
Ex.150	Ex.PIT			300	37.618			39.214	1.646		CONNECT TO EXISTING PIT
21	JUNCTION PIT	600	900	300	37.784	300	37.734	39.323	1.589	EDCM605	
22	SIDE ENTRY PIT GRATED	600	900			300	37.899	39.537	1.638	EDCM 601 & 605	
23EP	ENDPIPE			375	38.152			39.634	1.482		ENDPIPE TO BE SEALED AND CAPPED FOR FUTURE CONNECTIONS
24	JUNCTION PIT	600	900	300	38.279	375	38.229	39.537	1.308	EDCM605	
25EP	ENDPIPE					300	38.364	39.595	1.231		ENDPIPE TO BE SEALED AND CAPPED FOR FUTURE CONNECTIONS
Ex.27	Ex.PIT			1050	37.724			40.063	2.389		CONNECT TO EXISTING PIT
28EP	ENDPIPE					1050	37.752	40.095	2.343		ENDPIPE TO BE SEALED AND CAPPED FOR FUTURE CONNECTIONS
Ex.1	Ex.JUNCTION PIT	1350	900	1050	36.876	1050	36.876	39.261	2.385	EDCM 607	CONVERT EXISTING JUNCTION PIT TO GRATED SIDE ENTRY PIT
Ex.2	Ex.JUNCTION PIT	1350	900	1050	37.240	1050	37.240	39.629	2.389	EDCM 607	CONVERT EXISTING JUNCTION PIT TO GRATED SIDE ENTRY PIT
Ex.3	Ex.JUNCTION PIT	1350	900	375	38.349	1050	37.674	40.063	2.389	EDCM 607	CONVERT EXISTING JUNCTION PIT TO GRATED SIDE ENTRY PIT
Ex.48	Ex.JUNCTION PIT	1500	900	1200	36.512	1200	36.462	38.871	2.409	EDCM 607	CONVERT EXISTING JUNCTION PIT TO GRATED SIDE ENTRY PIT
Ex.49	Ex.JUNCTION PIT	1500	900	375	37.444	1200	36.619	39.078	2.459	EDCM 607	CONVERT EXISTING JUNCTION PIT TO GRATED SIDE ENTRY PIT
Ex.50	Ex.JUNCTION PIT	600	900	375	37.674	375	37.624	39.410	1.786	EDCM 605	CONVERT EXISTING JUNCTION PIT TO GRATED SIDE ENTRY PIT
Ex.51	Ex.JUNCTION PIT	600	900	375	37.767	375	37.717	39.410	1.693	EDCM 605	CONVERT EXISTING JUNCTION PIT TO GRATED SIDE ENTRY PIT

1) ** - DENOTES PIT IS HAUNCHED TOWARDS ROAD CENTRELINE (UNDER ROAD PAVEMENT/KERB).
2) ALL PIT COVERS TO BE PROVIDED IN ACCORDANCE WITH EDCM 605 - PIT COVER SCHEDULE.
3) 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
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
C	12/02/25	COUNCIL COMMENTS	S.M	A.W	M.T
B	15/01/25	COUNCIL COMMENTS	A.W	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

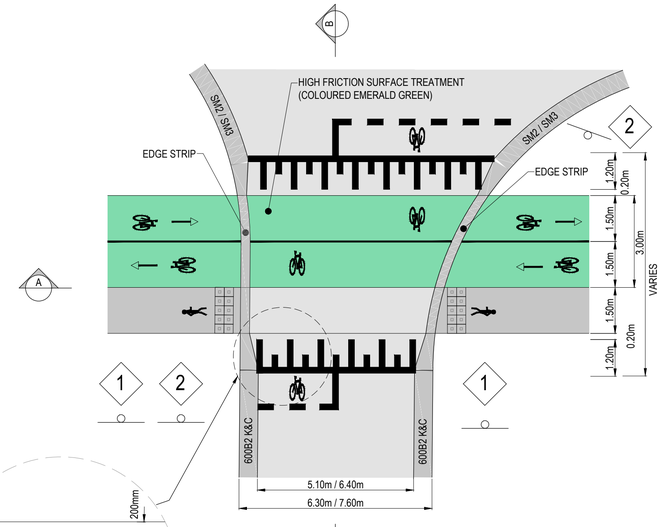
DRAWING TITLE: **ALAMORA - STAGE 16**
DRAINAGE LONG SECTIONS - 3 & PIT SCHEDULE

STATUS: **ISSUED FOR CONSTRUCTION**

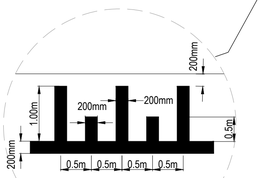
SCALE @ A1 : 1:500 (H) 1:50 (V)
H 10 5 0 10 20
V 1 0.5 0 1 2

DESIGNED: S.M
PROJECT ENGINEER: M.T
DRAWN: S.M
PROJECT MANAGER: M.T
PROJECT No. 200282.16
DRAWING No. R602
REVISION 0

P:\2020\200282 - ALAMORA, TARNEIT\200282.16\CIVIL\2. DRAFTING\ACAD\ROADS & DRAINAGE\200282.16 - R600 - DRAINAGE LONG SECTIONS.DWG



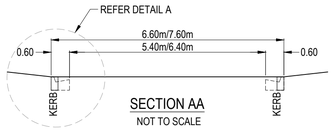
PLAN
NOT TO SCALE



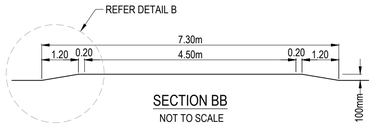
LINEMARKING DETAIL
NOT TO SCALE

SIGN SCHEDULE

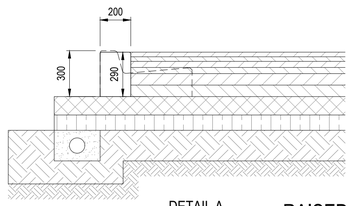
SIGN	REF
W6-9	1
GIVE WAY R1-2	2



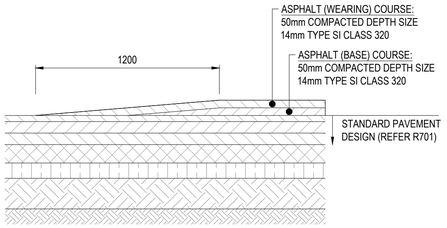
SECTION AA
NOT TO SCALE



SECTION BB
NOT TO SCALE

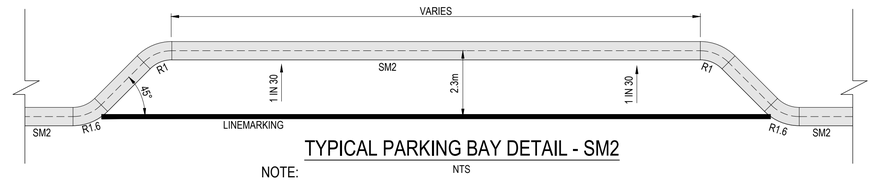


DETAIL A
NOT TO SCALE



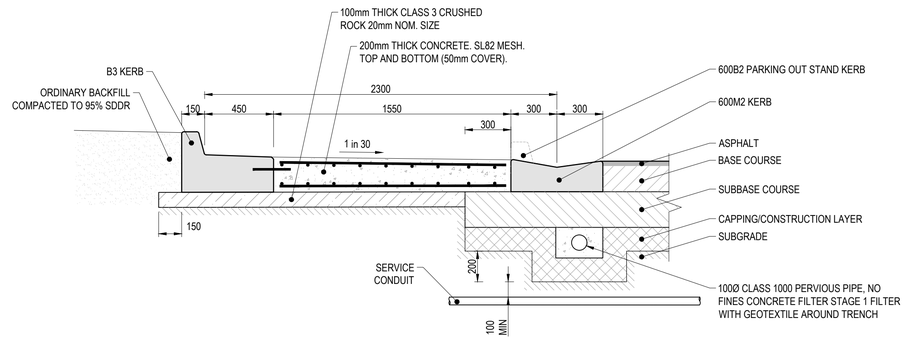
DETAIL B
NOT TO SCALE

RAISED PAVEMENT DETAIL
NOT TO SCALE



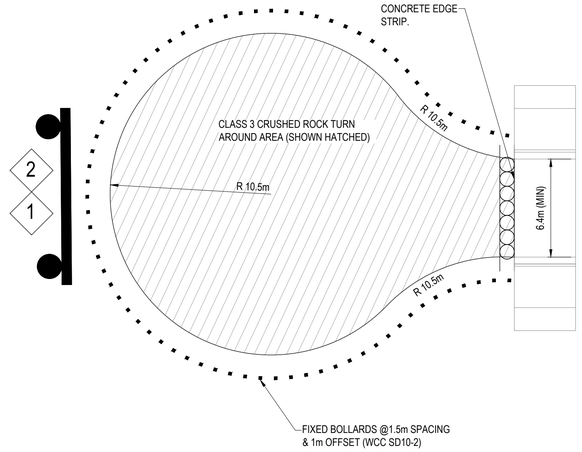
TYPICAL PARKING BAY DETAIL - SM2
NTS

NOTE:
1. INDENTED PARKING BAY PAVEMENT COMPOSITION, TO MATCH ROAD PAVEMENT COMPOSITION.
2. RADII SHOWN ARE CORRECT UNLESS OTHERWISE SHOWN ON LAYOUT PLAN.
3. INDENTED PARKING BAY WIDTHS/LENGTHS TO CONFORM TO AS 2890.5, SECTION 2.3.1



MOLA WAY - SECTION THROUGH PARKING
(DIM. IN mm)
NOT TO SCALE

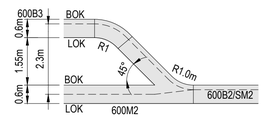
NOTES:
CONDUITS FOR GAS, WATER, ELECTRICITY AND TELECOM SERVICES TO BE LOCATED CLEAR OF PAVEMENT AND SUBSURFACE DRAIN



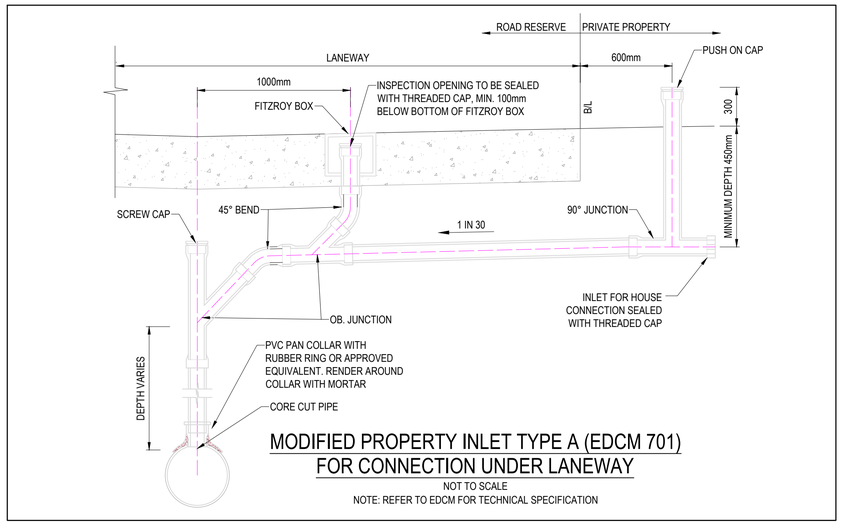
SIGN SCHEDULE

SIGN	REF
D4-5	1
ROAD CLOSED T2-4A	2

TYPICAL TEMPORARY TURN AREA
TYPICAL DETAIL
NTS



KERB OUTSTAND DETAIL
NTS



MODIFIED PROPERTY INLET TYPE A (EDCM 701)
FOR CONNECTION UNDER LANEWAY
NOT TO SCALE
NOTE: REFER TO EDCM FOR TECHNICAL SPECIFICATION

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
C	12/02/25	COUNCIL COMMENTS	S.M	A.W	M.T
B	15/01/25	COUNCIL COMMENTS	A.W	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

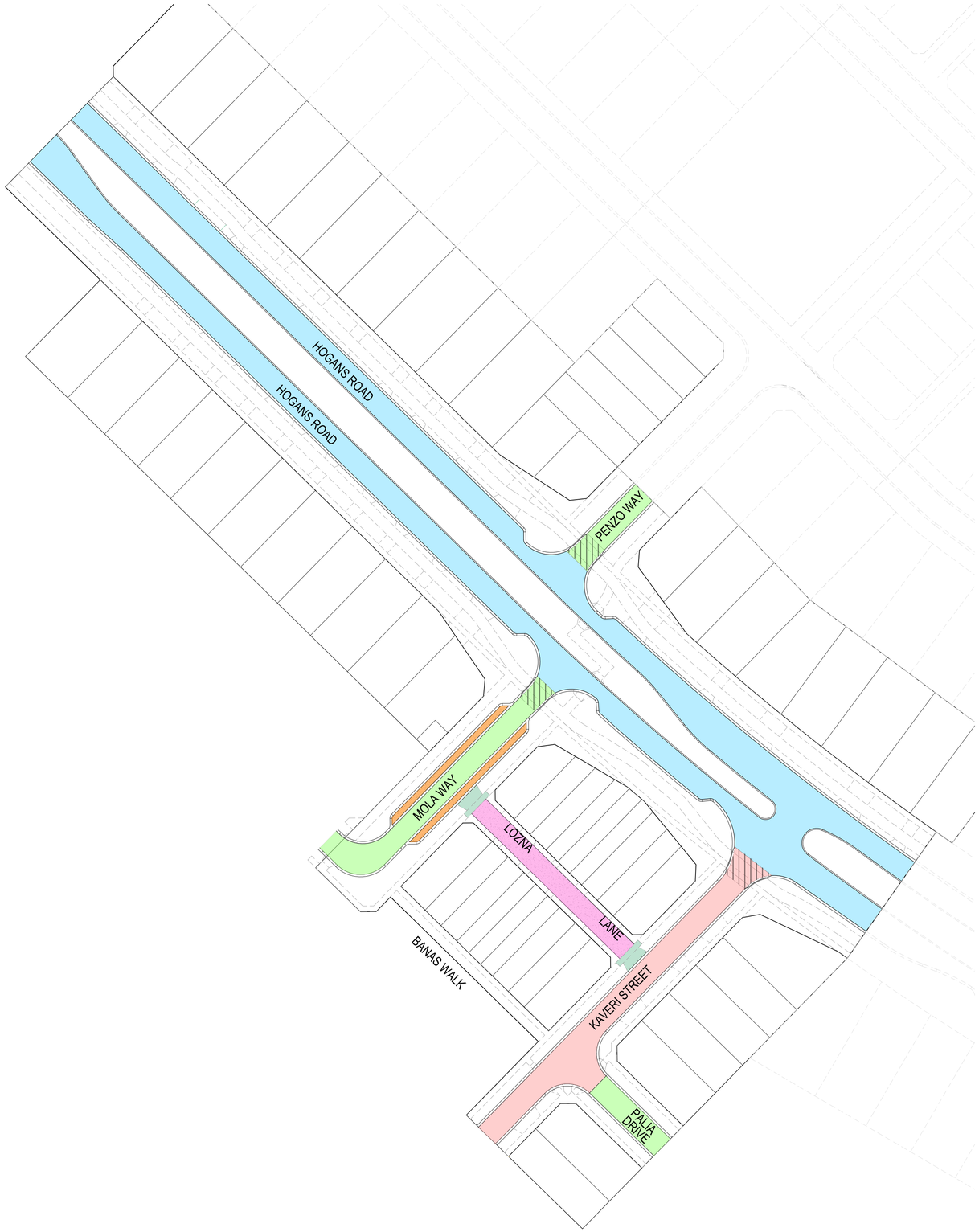
DRAWING TITLE: ALAMORA - STAGE 16 TYPICAL DETAILS

STATUS: ISSUED FOR CONSTRUCTION

SCALE @ A1 : AS SHOWN

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

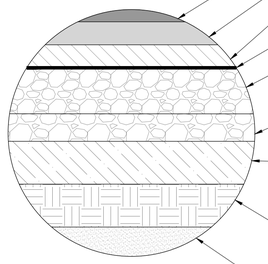
PROJECT No.	DRAWING No.	REVISION
200282.16	R700	0



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

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
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



ASPHALT (WEARING) COURSE:
40mm COMPACTED DEPTH SIZE 14 TYPE N CLASS 320

ASPHALT (INTERMEDIATE) COURSE:
75mm COMPACTED DEPTH SIZE 20 TYPE SI CLASS 320

ASPHALT (BASE) COURSE:
75mm COMPACTED DEPTH SIZE 20 TYPE SI CLASS 320

PRIME (BONDING) COURSE:
BITUMINOUS PRIME OR SIZE 7mm PRIMESEAL

BASE COURSE:
150mm COMPACTED DEPTH SIZE 20mm CLASS 3 CEMENT-TREATED CRUSHED ROCK (3% CTCR). COMPACTED TO A MINIMUM DENSITY RATIO 96% (MODIFIED) AS1289, 5.2.1.

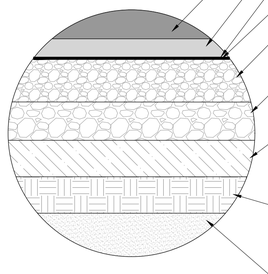
SUBBASE COURSE:
100mm COMPACTED DEPTH SIZE 20mm CLASS 4 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO 98% (MODIFIED) AS1289, 5.2.1.

CAPPING:
150mm TYPE A FILL MATERIAL (MINIMUM CBR 7%, MAXIMUM SWELL 1.5%, PERMEABILITY k ≤ $5x10^{-9}$m/s (5x 10^{-7}cm/s) COMPACTED TO A MINIMUM CHARACTERISTICS DENSITY RATIO OF 98% STANDARD, MAXIMUM DRY DENSITY AS1289, 5.1.1.

CONSTRUCTION:
150mm TYPE A FILL MATERIAL (MINIMUM CBR 7%, MAXIMUM SWELL 1.5%, PERMEABILITY k ≤ $5x10^{-9}$m/s (5x 10^{-7}cm/s) COMPACTED TO A MINIMUM CHARACTERISTICS DENSITY RATIO OF 98% STANDARD, MAXIMUM DRY DENSITY AS1289, 5.1.1.

SUBGRADE:
MATERIAL AS FOUND (CLAY), CBR 1%. TOP 200mm SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO MINIMUM DENSITY OF 98% (STANDARD) AS1289, 5.1.1

PAVEMENT COMPOSITION
HOGANS ROAD
740mm DEPTH



ASPHALT (WEARING) COURSE:
30mm COMPACTED DEPTH SIZE 10 TYPE L CLASS 320

ASPHALT (BASE) COURSE:
30mm COMPACTED DEPTH SIZE 10 TYPE N CLASS 320

INTERLAYER:
5mm SIZE 10mm SAMI WITH CLASS S45R BINDER

PRIME (BONDING) COURSE:
BITUMINOUS PRIME OR SIZE 7mm PRIMESEAL

BASE COURSE:
130mm COMPACTED DEPTH 20mm CLASS 2 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO 98% (MODIFIED) AS1289, 5.2.1

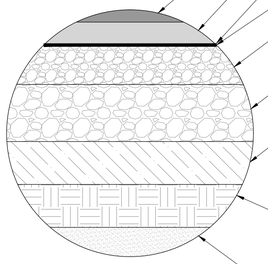
SUBBASE COURSE:
100mm COMPACTED DEPTH 20mm CLASS 3 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO 96% (MODIFIED) AS1289, 5.2.1

CAPPING:
150mm TYPE A FILL MATERIAL (MINIMUM CBR 7%, MAXIMUM SWELL 1.5%, PERMEABILITY k ≤ $5x10^{-9}$m/s (5x 10^{-7}cm/s) COMPACTED TO A MINIMUM CHARACTERISTICS DENSITY RATIO OF 98% STANDARD, MAXIMUM DRY DENSITY AS1289, 5.1.1.

CONSTRUCTION:
150mm TYPE A FILL MATERIAL (MINIMUM CBR 7%, MAXIMUM SWELL 1.5%, PERMEABILITY k ≤ $5x10^{-9}$m/s (5x 10^{-7}cm/s) COMPACTED TO A MINIMUM CHARACTERISTICS DENSITY RATIO OF 98% STANDARD, MAXIMUM DRY DENSITY AS1289, 5.1.1.

SUBGRADE:
MATERIAL AS FOUND (CLAY), CBR 1%. TOP 200mm SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO MINIMUM DENSITY OF 98% (STANDARD) AS1289, 5.1.1

PAVEMENT COMPOSITION
PENZO WAY, MOLA WAY
& PALIA DRIVE
595mm DEPTH



ASPHALT (WEARING) COURSE:
30mm COMPACTED DEPTH SIZE 10 TYPE N CLASS 320

ASPHALT (BASE) COURSE:
30mm COMPACTED DEPTH SIZE 10 TYPE N CLASS 320

INTERLAYER:
5mm SIZE 10mm SAMI WITH CLASS S45R BINDER

PRIME (BONDING) COURSE:
BITUMINOUS PRIME OR SIZE 7mm PRIMESEAL

BASE COURSE:
130mm COMPACTED DEPTH 20mm CLASS 2 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO 98% (MODIFIED) AS1289, 5.2.1

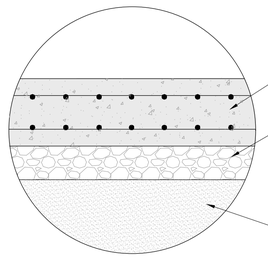
SUBBASE COURSE:
200mm COMPACTED DEPTH 20mm CLASS 3 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO 96% (MODIFIED) AS1289, 5.2.1

CAPPING:
150mm TYPE A FILL MATERIAL (MINIMUM CBR 7%, MAXIMUM SWELL 1.5%, PERMEABILITY k ≤ $5x10^{-9}$m/s (5x 10^{-7}cm/s) COMPACTED TO A MINIMUM CHARACTERISTICS DENSITY RATIO OF 98% STANDARD, MAXIMUM DRY DENSITY AS1289, 5.1.1.

CONSTRUCTION:
150mm TYPE A FILL MATERIAL (MINIMUM CBR 7%, MAXIMUM SWELL 1.5%, PERMEABILITY k ≤ $5x10^{-9}$m/s (5x 10^{-7}cm/s) COMPACTED TO A MINIMUM CHARACTERISTICS DENSITY RATIO OF 98% STANDARD, MAXIMUM DRY DENSITY AS1289, 5.1.1.

SUBGRADE:
MATERIAL AS FOUND (CLAY), CBR 1%. TOP 200mm SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO MINIMUM DENSITY OF 98% (STANDARD) AS1289, 5.1.1

PAVEMENT COMPOSITION
KAVERI DRIVE
695mm DEPTH

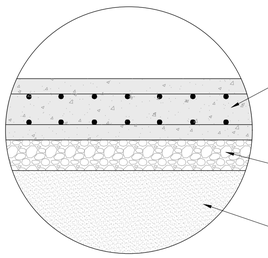


200mm THICK CONCRETE WITH SL82 MESH, TOP AND BOTTOM (50mm COVER).

BEDDING LAYER:
100mm SIZE 20mm CLASS 3 CRUSHED ROCK COMPACTED TO A MINIMUM DENSITY RATIO 98% (MODIFIED) AS1289, 5.2.1.

SUBGRADE IMPROVEMENT AS DIRECTED BY THE SUPERINTENDENT

PAVEMENT COMPOSITION
MOLA WAY PARKING BAY
300mm DEPTH



200mm THICK 32MPa CONCRETE WITH 2 LAYERS OF SL82 MESH, 50mm TOP & BOTTOM COVER

100mm COMPACTED DEPTH 20mm NOM. SIZE CLASS 2 FINE CRUSHED ROCK

SUBGRADE IMPROVEMENT AS DIRECTED BY THE SUPERINTENDENT

PAVEMENT COMPOSITION
LOZNA LANE
300mm DEPTH

PAVEMENT COMPOSITION
RAISED PAVEMENT
(REFER R700 FOR DETAILS)

PAVEMENT PLAN

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
B	13/12/24	DRIVEWAYS REVISED	SM	AW	MT
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

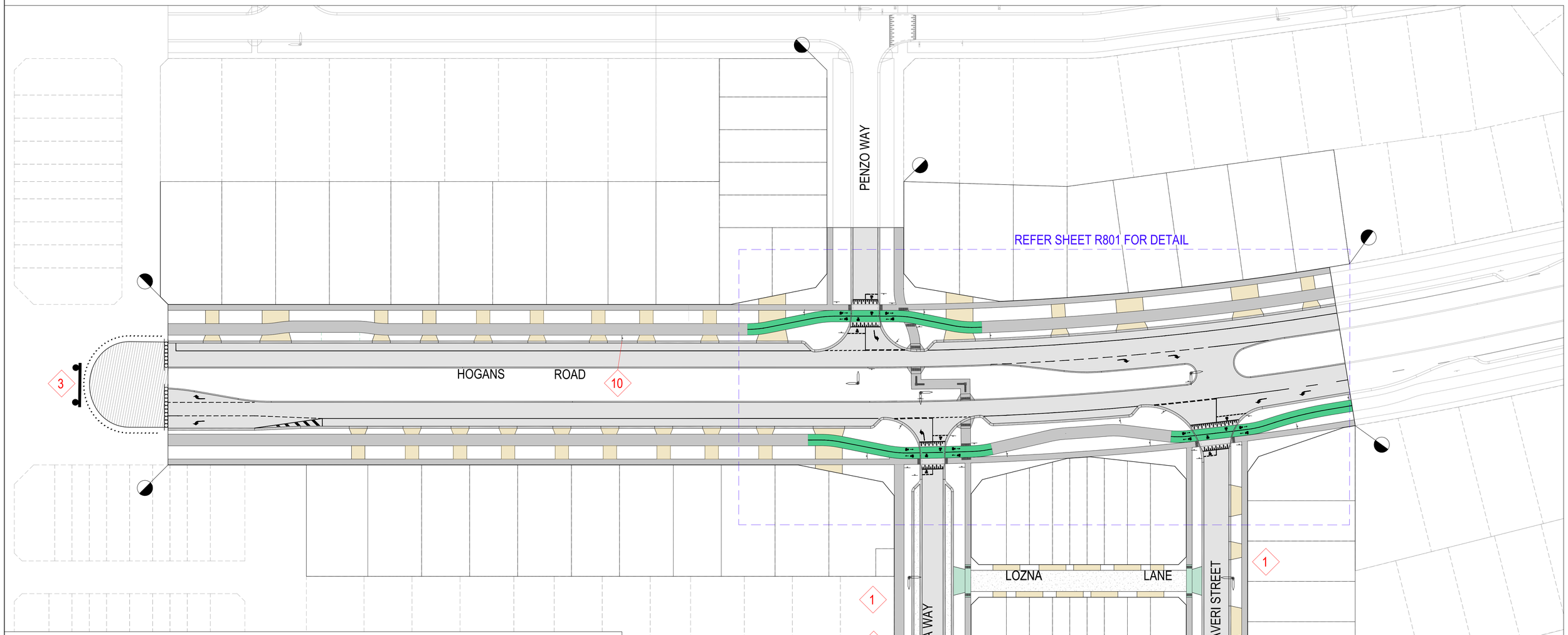
DRAWING TITLE: ALAMORA - STAGE 16 ROAD PAVEMENT PLAN

STATUS: ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:750 (15 0 15 30)

N

DESIGNED	PROJECT ENGINEER	
S.M	M.T	
DRAWN	PROJECT MANAGER	
S.M	M.T	
PROJECT No.	DRAWING No.	REVISION
200282.16	R701	0



SIGN SCHEDULE

SIGN	REF	QUANTITY
STREET SIGN	1	REFER TABLE
GIVE WAY R1-2	2	3No.
ROAD CLOSED T2-4A, D4-5	3	3No.
D4-1-1B (R)	4	1No.
ONE WAY R2-2L	5	2No.

SIGN	REF	QUANTITY
20 km/h W5-10A, W8-2A	6	2No.
W6-9	7	8No.
R8-3A(L)	8	3No.
R8-3A(R)	9	3No.

SIGN	REF	QUANTITY
W6-9, ON SIDE ROAD W8-3L	10	3No.
W6-9, ON SIDE ROAD W8-3R	11	1No.

1. ALL LINE MARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742.1 AND AS 1742.2, UNLESS SPECIFICALLY SHOWN OTHERWISE.

2. LINEMARKING IS TO BE INSTALLED USING EXTRUDED LONG LIFE THERMOPLASTIC PAINT. TEMPORARY LINEMARKING USING ORDINARY PAINT IS TO BE APPLIED WHEN WEARING COURSE ASPHALT IS NOT APPLIED FOR A PERIOD OF TIME E.G. AT PRACTICAL COMPLETION.

3. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.

4. LINEMARKING SET OUT SHALL BE INSPECTED AND APPROVED BY COUNCIL BEFORE FINAL LINEMARKING IS CARRIED OUT.

5. HIGH FRICTION SURFACE TREATMENT COLOURED EMERALD GREEN MUST BE PROVIDED WITHIN THE BICYCLE LANES MARKED AS GREEN ON THE PLAN. INSTALLATION MUST COMPLY WITH VICROADS STANDARD SECTION 430 FOR HIGH FRICTION SURFACE TREATMENTS TO MANUFACTURER'S SPECIFICATIONS.

6. 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPM'S AT MAX 6m SPACIN.

7. RRPM'S TO BE IN ACCORDANCE WITH VICROAD TRAFFIC ENGINEERING MANUAL VOL2.

STREET SIGN SCHEDULE

HOGANS RD	3No.
KAVERI STREET	3No.
PALIA DR	1No.
LOZNA LANE	2No.
MOLAY WAY	2No.
BANAS WALK	2No.
PENZO WAY	1No.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
C	15/01/25	COUNCIL COMMENTS	A.W	A.W	M.T
B	13/12/24	DRIVEWAYS REVISED	SM	AW	MT
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

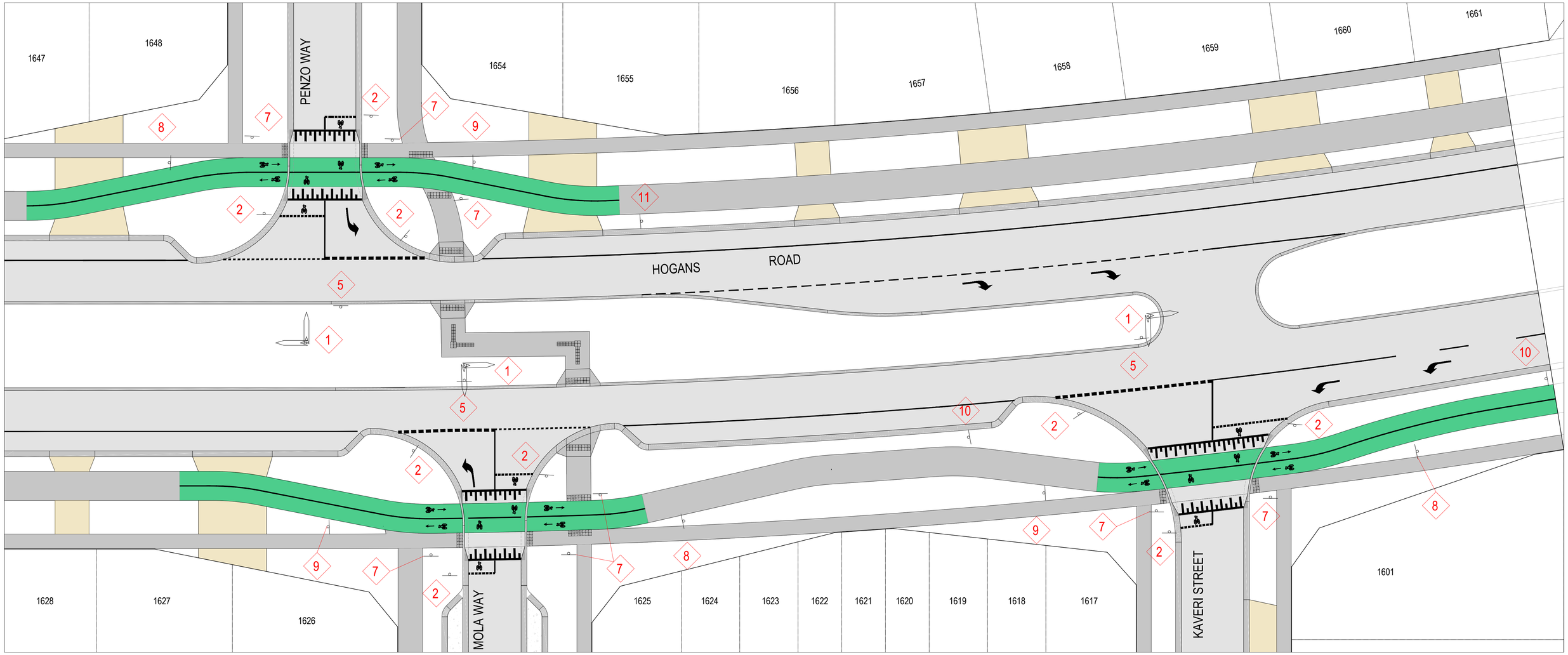
DRAWING TITLE: ALAMORA - STAGE 16 SIGNAGE & LINEMARKING - 1

STATUS: ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:500 (0 5 10 20 30)

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R800	0



SIGN SCHEDULE

SIGN	REF	QUANTITY
STREET SIGN	1	REFER TABLE
GIVE WAY R1-2	2	3No.
ROAD CLOSED T2-4A; D4-5	3	3No.
D4-1-1B (R)	4	1No.
ONE WAY R2-2L	5	2No.

SIGN	REF	QUANTITY
W5-10A; 20 km/h W8-2A	6	2No.
W6-9	7	8No.
R8-3A(L)	8	3No.
R8-3A(R)	9	3No.

SIGN	REF	QUANTITY
W6-9; ON SIDE ROAD W8-3L	10	3No.
W6-9; ON SIDE ROAD W8-3R	11	1No.

STREET SIGN SCHEDULE

HOGANS RD	3No.
KAVERI STREET	3No.
PALIA DR	1No.
LOZNA LANE	2No.
MOLAY WAY	2No.
BANAS WALK	2No.
PENZO WAY	1No.

1. ALL LINE MARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742.1 AND AS 1742.2, UNLESS SPECIFICALLY SHOWN OTHERWISE.

2. LINEMARKING IS TO BE INSTALLED USING EXTRUDED LONG LIFE THERMOPLASTIC PAINT. TEMPORARY LINEMARKING USING ORDINARY PAINT IS TO BE APPLIED WHEN WEARING COURSE ASPHALT IS NOT APPLIED FOR A PERIOD OF TIME E.G. AT PRACTICAL COMPLETION.

3. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.

4. LINEMARKING SET OUT SHALL BE INSPECTED AND APPROVED BY COUNCIL BEFORE FINAL LINEMARKING IS CARRIED OUT.

5. HIGH FRICTION SURFACE TREATMENT COLOURED EMERALD GREEN MUST BE PROVIDED WITHIN THE BICYCLE LANES MARKED AS GREEN ON THE PLAN. INSTALLATION MUST COMPLY WITH VICROADS STANDARD SECTION 430 FOR HIGH FRICTION SURFACE TREATMENTS TO MANUFACTURER'S SPECIFICATIONS.

6. 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPM'S AT MAX 6m SPACIN.

7. RRPM'S TO BE IN ACCORDANCE WITH VICROAD TRAFFIC ENGINEERING MANUAL VOL2.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
C	15/01/25	COUNCIL COMMENTS	A.W	A.W	M.T
B	13/12/24	DRIVEWAYS REVISED	SM	AW	MT
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

DRAWING TITLE: ALAMORA - STAGE 16
SIGNAGE & LINEMARKING - 2

STATUS: ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:200 (2 0 2 4 6 8 10)

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R801	0

LEGEND - CONCRETE JOINTING PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- EXISTING STORMWATER DRAIN
- 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
- 199.4 MAJOR CONTOUR - (0.10m INTERVALS)
- MINOR CONTOUR - (0.05m INTERVALS)
- 199.4 EXISTING CONTOUR - 0.05m
- CROWN

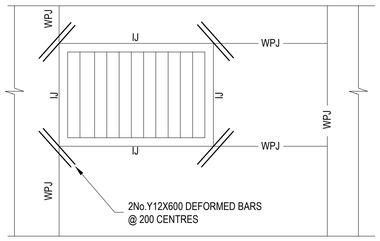
CONCRETE JOINT LEGEND

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

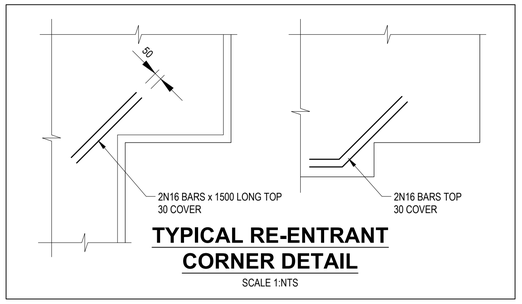
FOR JOINT DETAILS REFER STD DWG EDCM 401 & 402

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

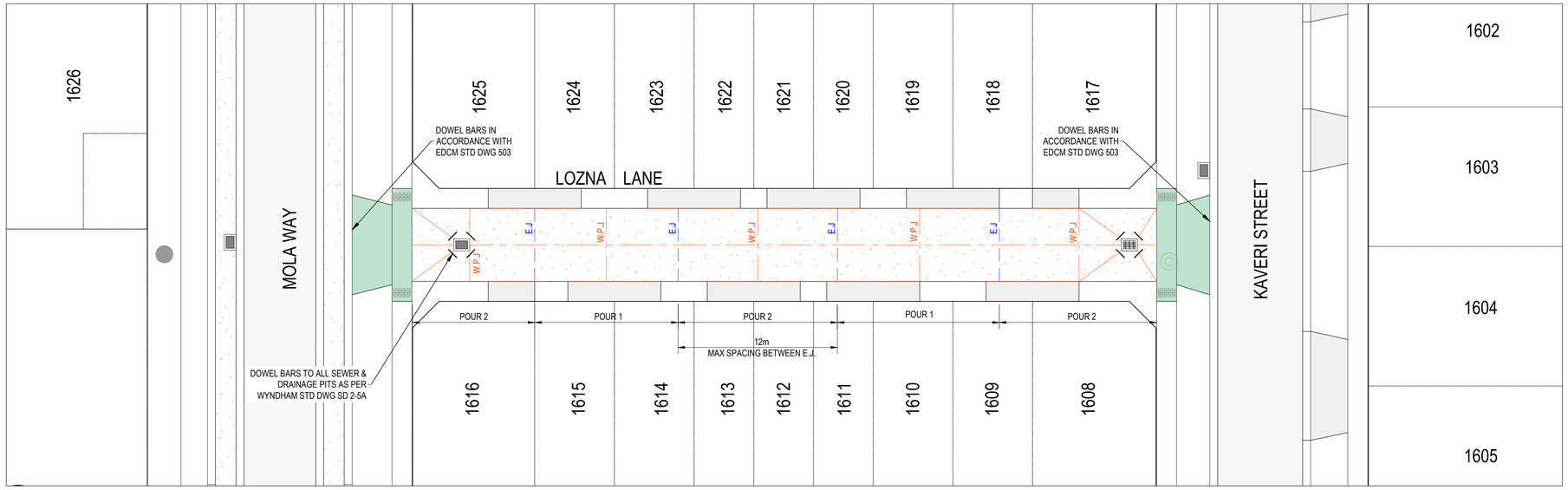
NOTE:
1. CONTRACTOR TO PROVIDE 1.2m x 1.2m UNPAVED PUBLIC LIGHTING AREAS WITHIN LANEWAYS. CONTRACTOR TO REFER LATEST ELECTRICAL DRAWINGS FOR INFORMATION.



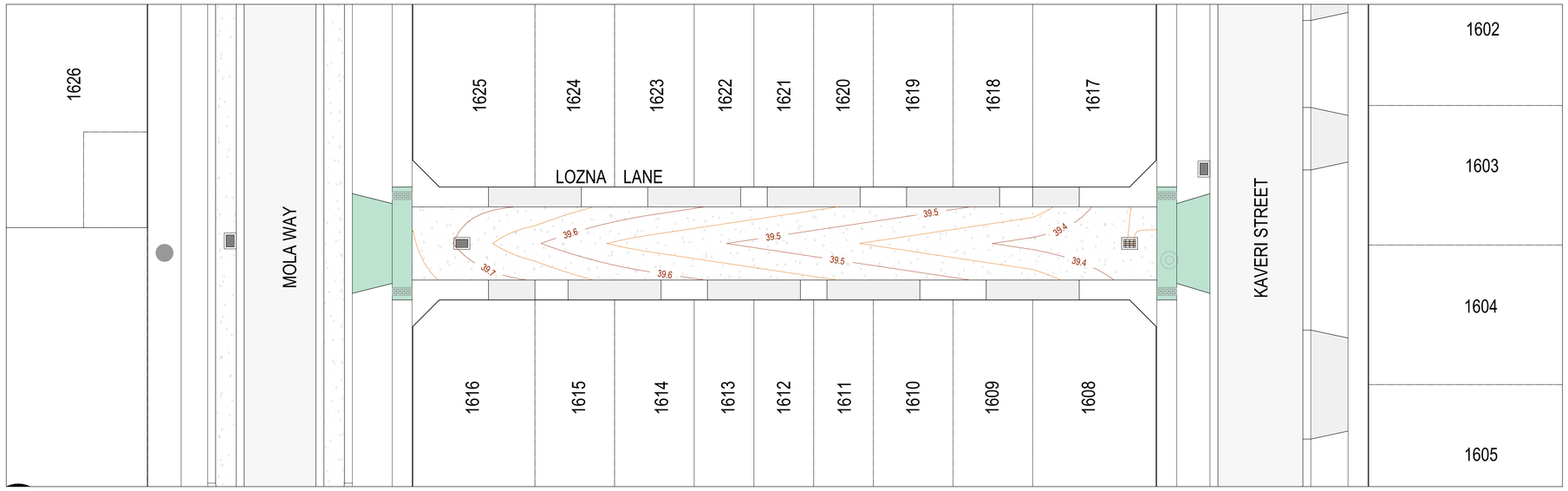
TYPICAL PIT JOINTING
SCALE 1:NTS



TYPICAL RE-ENTRANT CORNER DETAIL
SCALE 1:NTS



CONCRETE JOINTING LAYOUT PLAN
SCALE 1:200 @ A1



CONCRETE CONTOUR LAYOUT PLAN
SCALE 1:200 @ A1

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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18/02/25	ISSUED FOR CONSTRUCTION	S.M	A.W	M.T
A	10/12/24	ISSUED FOR APPROVAL	SM	AW	MT

CLIENT: villawood properties — Communities Designed for Living

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

PROJECT: ALAMORA Tarneit

DRAWING TITLE: ALAMORA - STAGE 16 CONCRETE JOINTING PLAN

STATUS: ISSUED FOR CONSTRUCTION

SCALE @ A1 : 1:200 (2 0 2 4 6 8 10)

DESIGNED	PROJECT ENGINEER
S.M	M.T
DRAWN	PROJECT MANAGER
S.M	M.T

PROJECT No.	DRAWING No.	REVISION
200282.16	R900	0