

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
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CARDINIA PACKAGE 10

ROAD RECONSTRUCTION WORKS

GARDEN ST, STATION RD WEST & GLEN RD

GENERAL NOTES:

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE DRAWINGS, CURRENT COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS AND VPA EDM GUIDELINES TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT & A S 2124-1992 GENERAL CONDITIONS OF CONTRACT.
- THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCING CONSTRUCTION
- 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 WORKCOVER 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.
- 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.
- THE NATURE STRIPS IN CUT OR FILLED AREAS ARE TO BE TOPSOILED WITH 100mm OF APPROVED TOPSOIL MATERIAL. IF THE SOIL ON THE SITE IS NOT SUITABLE, IT SHALL BE IMPORTED AT THE CONTRACTORS EXPENSE. THE APPROVED TOPSOIL MATERIAL IS TO BE TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
- ALL EASEMENT DRAINS ARE TO BE OFFSET 1.00m FROM PROPERTY BOUNDARY, UNLESS OTHERWISE SHOWN.
- ALL EASEMENTS SHOWN ARE FOR THE PURPOSE OF DRAINAGE AND SEWERAGE, 2.00m AND 3.00m WIDE, UNLESS OTHERWISE SHOWN.
- ALL STORMWATER DRAINS ARE TO BE CLASS 2 R.C OR RIGID F.R.C PIPES WITH ADCOL FLEXIBLE COLLARS UNLESS NOTED OTHERWISE. ALL PIPES UP TO AND INCLUDING 750mm DIA. ARE TO BE RUBBER RING JOINTED. INTERLOCKING/FLUSH JOINTS WITH EXTERNAL BANDS CAN ONLY BE USED ON PIPE SIZES OVER 750mm DIA.
- 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.
- PROPERTY INLETS ARE TO BE LOCATED 1.00m FROM LOW SIDE BOUNDARY, UNLESS OTHERWISE SHOWN. INVERTS OF PROPERTY INLETS ARE TO BE A MINIMUM OF 600mm BELOW EXISTING SURFACE.
- HOUSE DRAINS ARE TO BE CONNECTED DIRECTLY INTO UNDERGROUND DRAINAGE PIPES OR PITS AND OFFSET FROM SIDE BOUNDARY 5.50m WHERE POSSIBLE AS PER EDM701 & EDM703. THE LOCATION OF THE HOUSE DRAIN TO BE MARKED NEATLY ON FACE OF KERB WITH THE LETTER 'H' (50mm HIGH). HOUSE DRAIN LEVEL TO BE A MINIMUM 0.6m BELOW THE LOWEST CORNER OF THE LOT.
- 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.
- 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.
- FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLANS. FILLING TO BE CLEAN CLAY COMPACTED TO A DRY DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1289 5.2.1-2003. SAMPLING AND TESTING IN FILL AREAS LESS THAN 200mm TO COMPLY WITH AS3798-2007 SECTION 8.3 (LEVEL 2). LEVEL 1 SUPERVISION AND TESTING TO BE CARRIED OUT WITH ACCORDANCE WITH AS3798-2007 SECTION 8.2 FOR ALL FILL AREAS IN EXCESS OF 200mm. A FILL REPORT MUST BE SUBMITTED TO THE CONSULTANT, SHOWING FROM A NATA REGISTERED SOIL TESTING LABORATORY.
- ANY FILL CONSTRUCTION BENEATH CAPPING LAYER AND OR SUBGRADE TO BE TYPE A SELECTED MATERIAL, TO BE PLACED AND COMPACTED IN ACCORDANCE WITH CARDINIA SHIRE CONSTRUCTION SPECIFICATION FOR ROAD AND DRAINAGE. ALL OTHER FILL OUTSIDE OF PROPOSED PAVEMENTS (INCLUDING BENEATH FOOTPATHS) IS TO BE STRUCTURAL FILL AS PER NOTE 14.
- NO TOP SOIL TO BE REMOVED FROM THE SITE WITHOUT THE APPROVAL OF COUNCIL.
- ALL DRAINAGE PIPES UNDER ROAD PAVEMENT, DRIVEWAY, FOOTPATH & KERB AND CHANNEL SHALL BE BACKFILLED WITH CLASS 3 F.C.R & ALL CONDUIT TRENCHES UNDER ROAD PAVEMENT, DRIVEWAY, FOOTPATH & KERB AND CHANNEL SHALL BE BACKFILLED WITH CLASS 2 F.C.R.
- 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.
- 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.
- SUBSURFACE DRAINS ARE TO BE LAID BEHIND ALL KERB AND CHANNEL AS PER EDM 202.
- ALL ALLOTMENTS TO BE GRADED AT A MINIMUM OF 1 IN 150 TO THE LOW CORNER. WHERE NOT POSSIBLE AN INVERT LEVEL FOR THE PROPERTY INLET OR HOUSE DRAIN IS INDICATED ON THE PLAN.
- ALL DIMENSIONS AND RADII ARE GIVEN TO LIP OF KERBS, CHAINAGES ARE WITH RESPECT TO CENTRE LINE OF ROAD RESERVE, UNLESS OTHERWISE SHOWN.
- 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.
- ALL DRIVEWAYS ARE TO BE 3.5m WIDE AND OFFSET 0.75m FROM THE SIDE BOUNDARY OR EASEMENT, UNLESS OTHERWISE SHOWN - REFER EDM STANDARD DRAWING EDM501 & EDM502. DRIVEWAY LAYBACK AND WINGS TO BE CONSTRUCTED AS A SINGLE SEGMENT OF CONCRETE.
- ACCESS RAMPS (DRIVEWAYS INTO LOTS) SHOULD HAVE A MAXIMUM GRADE OF 1 IN 6.
- 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.
- NBN TO BE NOTIFIED AT LEAST SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.

- SIGNS, LINEMARKING AND DELINEATORS ARE TO BE INSTALLED AS APPLICABLE ON ROADS IN ACCORDANCE WITH A.S.1742.2
- 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.
- SERVICE CONDUITS ARE TO BE INSTALLED AT THE LOCATIONS SHOWN ON THIS DRAWING, THE MINIMUM OFFSET FROM ANY SIDE BOUNDARY IS 4.00m. LOCATION OF ALL UNDERGROUND SERVICE CONDUITS TO BE MARKED ON KERB & CHANNEL. SERVICE CONDUITS THAT ARE SUBJECT TO AMENDMENT AND SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT.
- STREET SIGNS ARE TO BE PROVIDED TO THE CARDINIA SHIRE STANDARD, INCLUDING THE PROVISION OF LOGOS.
- LOCATION OF ELECTRICITY AND VUF CONDUITS WILL BE PROVIDED ON SEPARATE DRAWINGS.
- FOR THE TERM OF THE CONTRACT PERIOD THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTION TO PREVENT THE EMISSION OF DUST, WHETHER FROM THE OPERATION OF CONSTRUCTION EQUIPMENT OR EXPOSURE OF SOIL TO WINDS.
- APPROPRIATE SILTATION CONTROL IS TO BE CARRIED OUT DURING CONSTRUCTION AND MAINTENANCE PERIOD.
- ALL EXISTING TREES ARE TO BE PROTECTED DURING CONSTRUCTION.
- ANY TREES SHOWN ON THE PLANS THAT ARE TO BE RETAINED AND PROTECTED FROM DAMAGE DURING CONSTRUCTION OR ANY TREES SHOWN ON PLANS THAT ARE FOR REMOVAL MUST BE IN ACCORDANCE WITH THE SUBDIVISION LAYOUT PLAN WHICH FORMS THE ENDORSED PERMIT. ALL ROOTS AND DECOMPOSABLE MATERIAL UNDER ROAD PAVEMENTS SHALL BE REMOVED TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
- NO SURPLUS TREES OR VEGETATION ARE TO BE BURNT ON SITE.
- 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.
- CONCRETE SHALL BE 25 MPa FOR BOTH KERB AND CHANNEL AND FOOTPATH, HAVING A MINIMUM CEMENT CONTENT OF 280kg PER CUBIC METRE.
- 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.
- 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)
- 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.
- FOOTPATHS AND VEHICLE CROSSINGS TO BE DOWELED AT THE END OF EACH DAY'S POUR OF CONCRETE.
- ALL PVC STORM WATER DRAINAGE PIPES TO BE SEWER QUALITY PVC
- NO PVC STORM WATER DRAINAGE PIPES TO BE LAID UNDER ROADS.
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
- 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.
- PAVEMENT SUB-BASE AND BEDDING TO KERB & CHANNEL IS TO EXTEND 150mm BEHIND BACK OF KERB.
- ALL PRAM CROSSINGS ARE TO BE GENERALLY IN ACCORDANCE WITH EDM 403, INCLUDING CORNER SPLAYS. HOWEVER PRAM CROSSING SPLAY WIDTHS, AND TACTILE GROUND SURFACE INDICATORS (TGSIs) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH WHITTLESEA COUNCIL STANDARD DRAWING SD320 REV B. ALL TGSIs TO BE INSTALLED AS PER COUNCIL STANDARDS.
- FOOTPATH TO BE 125mm DEPTH CONCRETE 25 MPa WITH F72 REINFORCEMENT MESH ON 50mm DEPTH OF CLASS 3 F.C.R. - REFER EDM 401.
- INSTALL BLUE RAISED REFLECTIVE PAVEMENT MARKER ON ALL ROAD CENTRELINE AND "GROUND BALL" MARKER POST TO INDICATE THE LOCATION OF ALL FIREPLUGS.
- 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.
- PRIOR TO THE ISSUE OF STATEMENT OF COMPLIANCE, ALL DRAINS ARE TO BE CCTV TESTED AND THE RESULTS PROVIDED TO COUNCIL.
- ALL LINEMARKING IS TO BE LONG LIFE PAINT.
- NBN PITS ARE TO BE CLEAR OF PATHS.
- ALL PAVEMENT MATERIALS ARE TO BE VICROADS APPROVED MATERIALS.
- ALL SERVICES ARE TO BE CONSTRUCTED PRIOR TO PLACEMENT OF CAPPING LAYER UNDER ROADS.
- BLASTING REQUIRES A BLASTING PERMIT FROM COUNCIL.
- COMPACTION RESULTS OF EASEMENTS TO BE PROVIDED TO COUNCIL CONSTRUCTION ENGINEER.



LOCALITY PLAN

1:1000 10 0 10 20 30 40 50 A1
1:2000 A3

CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS1_UD	367140.28	5800740.49	189.50	RIVET IN SEWER PIT
TDS2_UD	367064.13	5800177.54	193.49	RIVET IN PATH
TDS4_UD	366716.68	5800111.39	209.67	RIVET IN SEWER PIT
TDS9_UD	367057.35	5800058.00	192.27	STAR PICKET
TDS10_UD	366844.56	5800145.57	211.60	SPIKE IN BITUMEN DRIVE
TDS064	367072.80	5800265.78	205.85	SO PEG WITH NAIL
TDS065	367107.72	5800433.71	210.37	SO PEG WITH NAIL
TDS066	367121.25	5800545.86	205.06	SO PEG WITH NAIL
TDS067	367132.31	5800625.93	198.72	SO PEG WITH NAIL
TDS068	367148.20	5800738.11	189.40	SO PEG WITH NAIL
TDS069	366786.26	5800338.46	219.95	SO PEG WITH NAIL
TDS070	366713.99	5800314.95	228.58	SO PEG WITH NAIL
TDS071	366667.18	5800303.78	230.00	SO PEG WITH NAIL
TDS072	366768.98	5800268.50	221.63	SO PEG WITH NAIL
TDS073	366812.02	5800202.04	215.77	SO PEG WITH NAIL

CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS074	366850.90	5800135.03	211.06	SO PEG WITH NAIL
TDS075	366838.10	5800110.42	208.75	SO PEG WITH NAIL
TDS076	366999.68	5800073.48	202.98	SO PEG WITH NAIL
TDS077	366535.89	5800382.83	238.53	STAR PICKET
TDS077X	367063.96	5800064.64	191.08	SO PEG WITH NAIL
TDS078	366608.37	5800285.90	229.66	STAR PICKET
TDS079	366669.44	5800194.26	218.92	SO PEG WITH NAIL
W1	366567.17	5800329.08	235.08	SO PEG WITH NAIL
W5	366721.59	5800324.96	227.72	STAR PICKET
W6	366797.53	5800343.99	219.87	RIVET IN KERB
W7	366656.72	5800094.32	207.51	NAIL IN BITUMEN DRIVE
W8	367088.79	5800306.24	208.22	NAIL IN BITUMEN DRIVE
W9	367103.40	5800489.09	210.36	STAR PICKET
W10	367132.90	5800640.83	197.19	RIVET IN DRIVE
W11	367092.98	5800335.42	208.18	SO PEG WITH NAIL

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



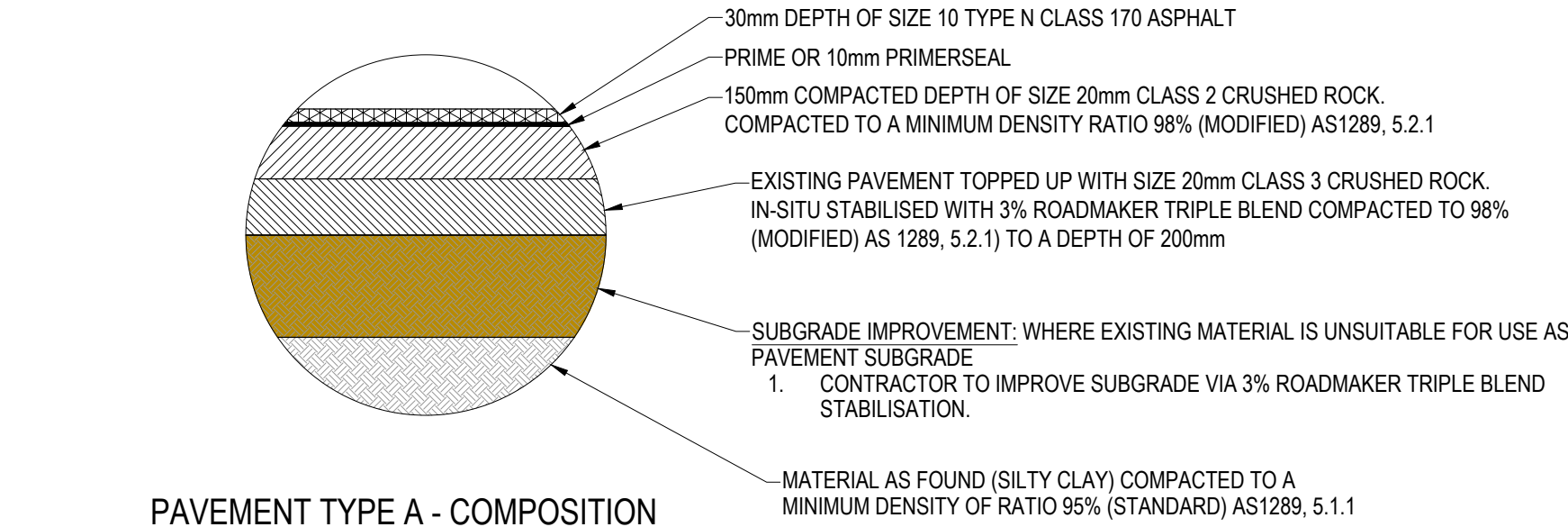
Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

PROJECT
**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

DRAWING TITLE
**CARDINIA PACKAGE 10 -
COVER SHEET**

STATUS
**TENDER
NOT FOR CONSTRUCTION**

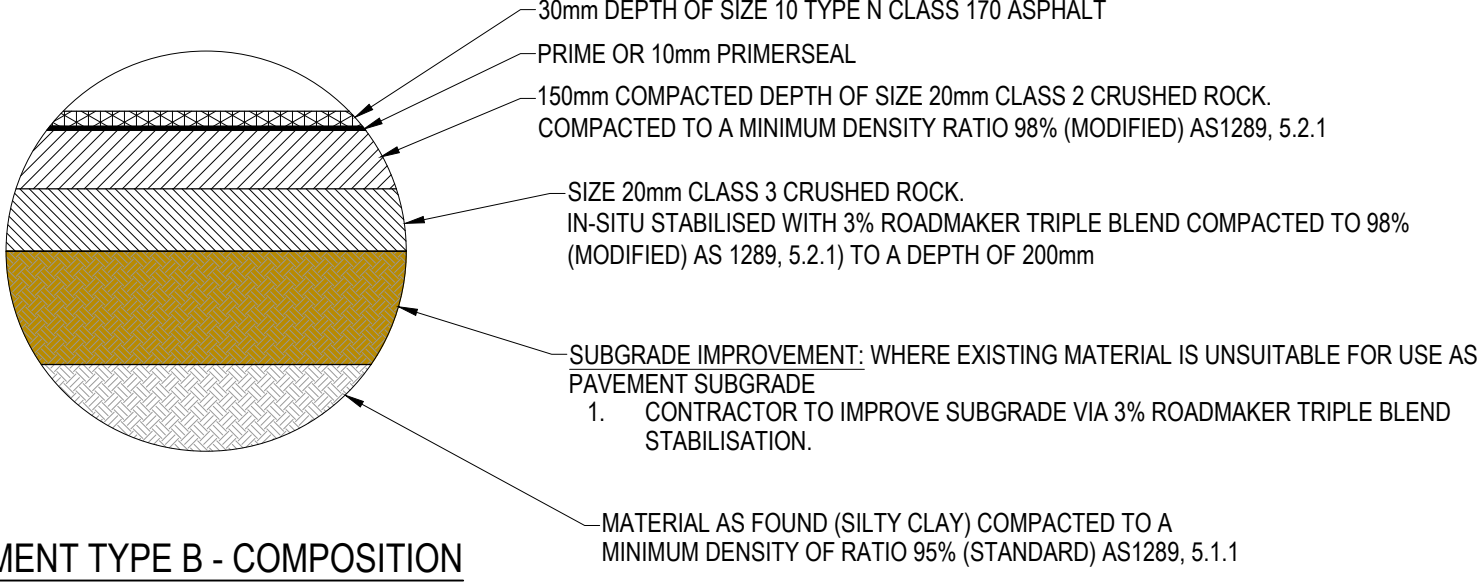
SCALE AT A1	DRAWN	DESIGNED
1:2000 @ A1	S.DEVGAN	M.RAHMAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	T.PALIOS	SEP 2021
PROJECT No.		DRAWING No.
210152		R100
		REVISION
		B



PAVEMENT TYPE A - COMPOSITION
GARDEN STREET, GLEN ROAD & STATION ROAD WEST
VARIABLE DEPTH
NTS

PAVEMENT CONSTRUCTION METHODOLOGY

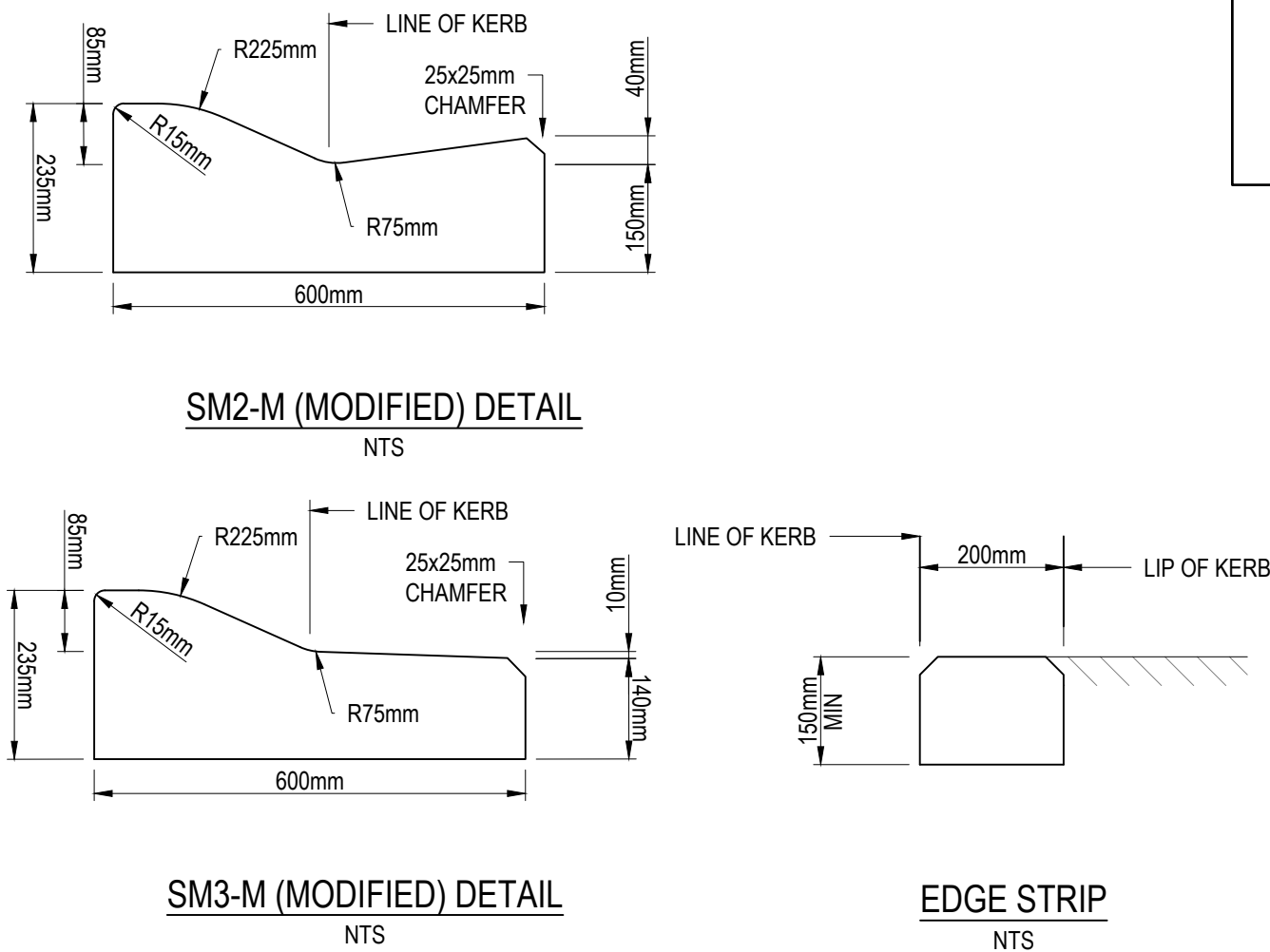
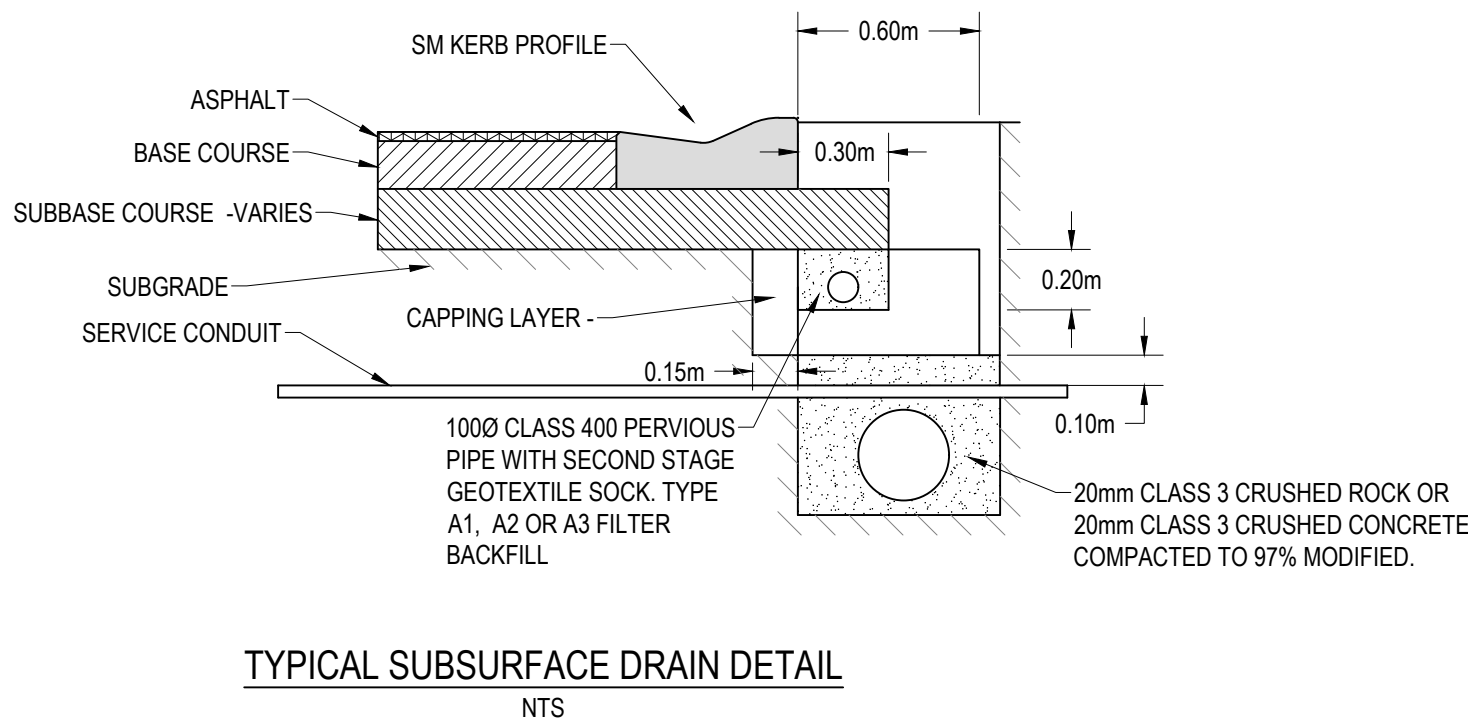
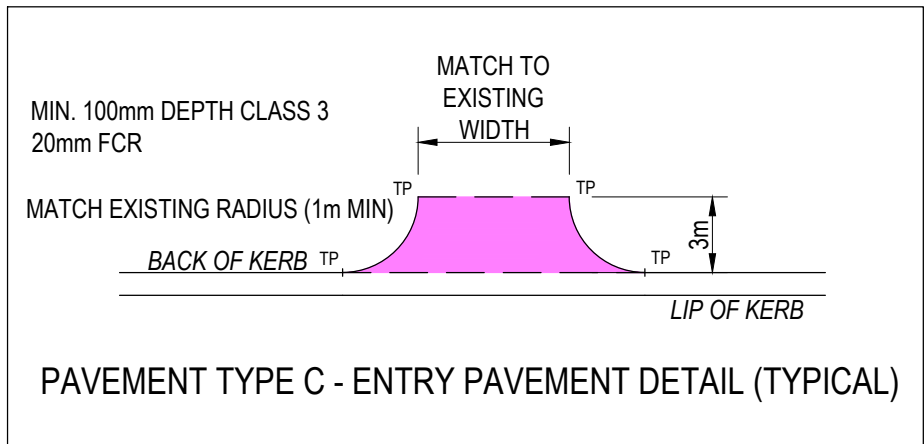
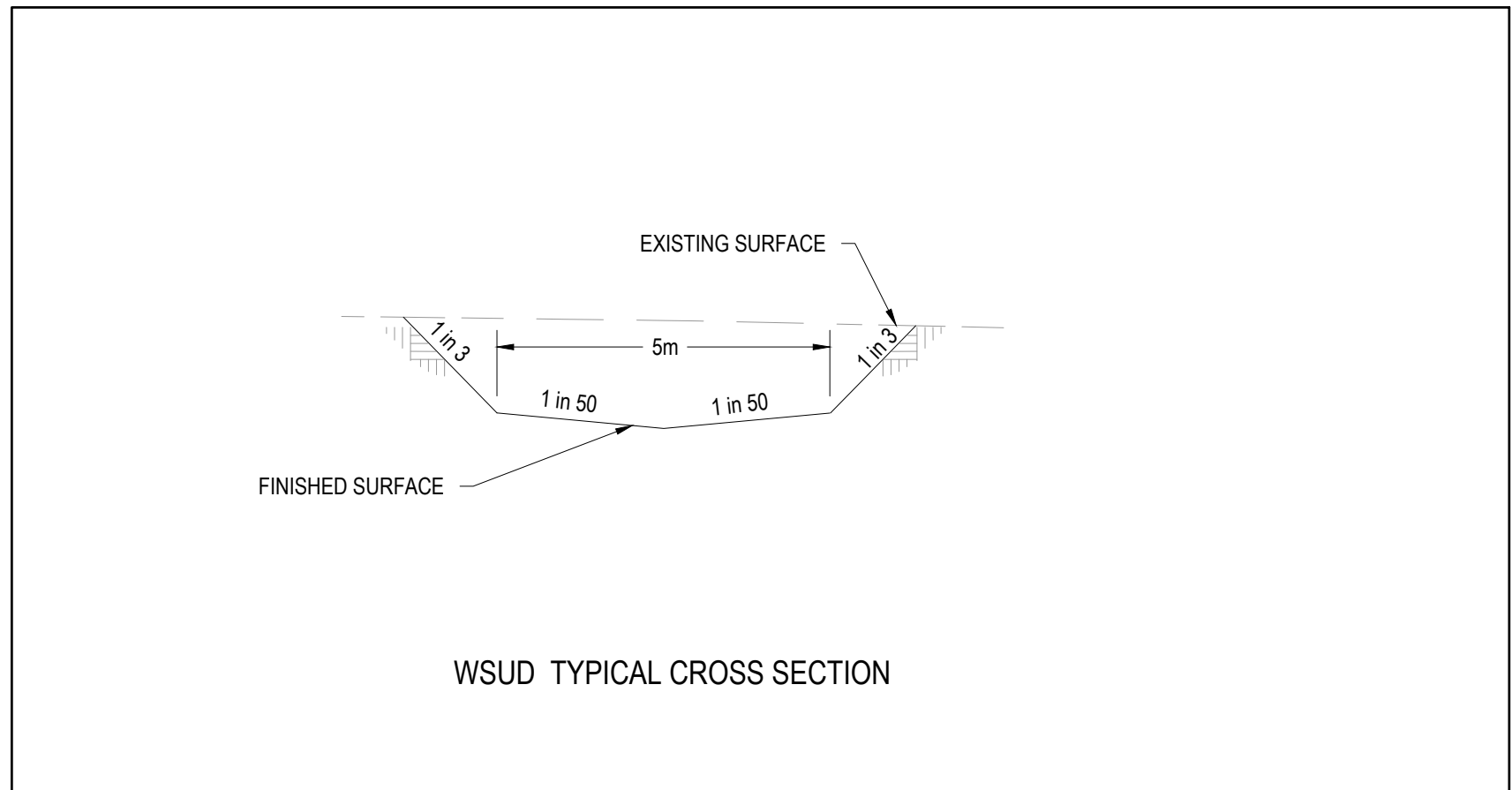
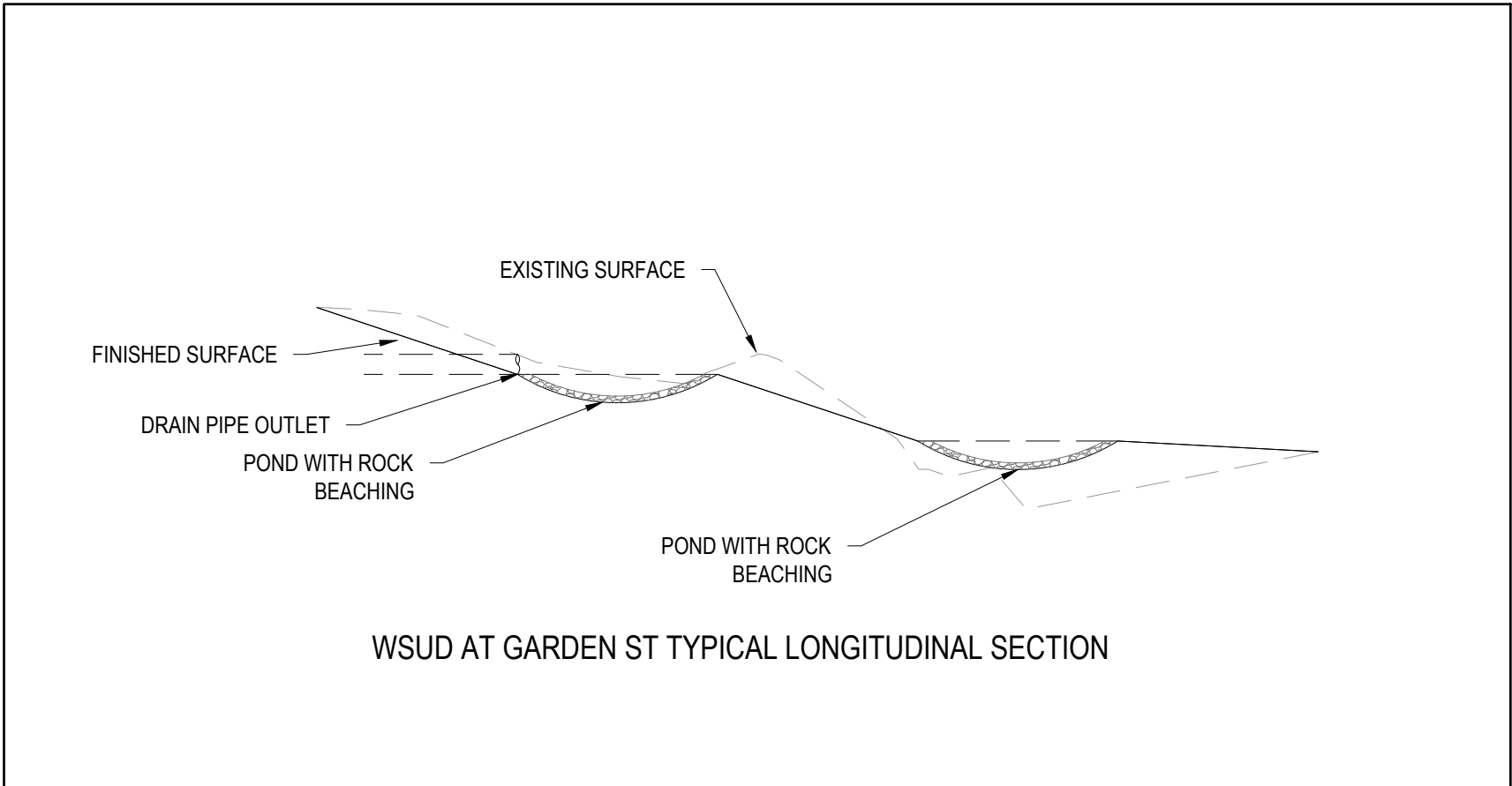
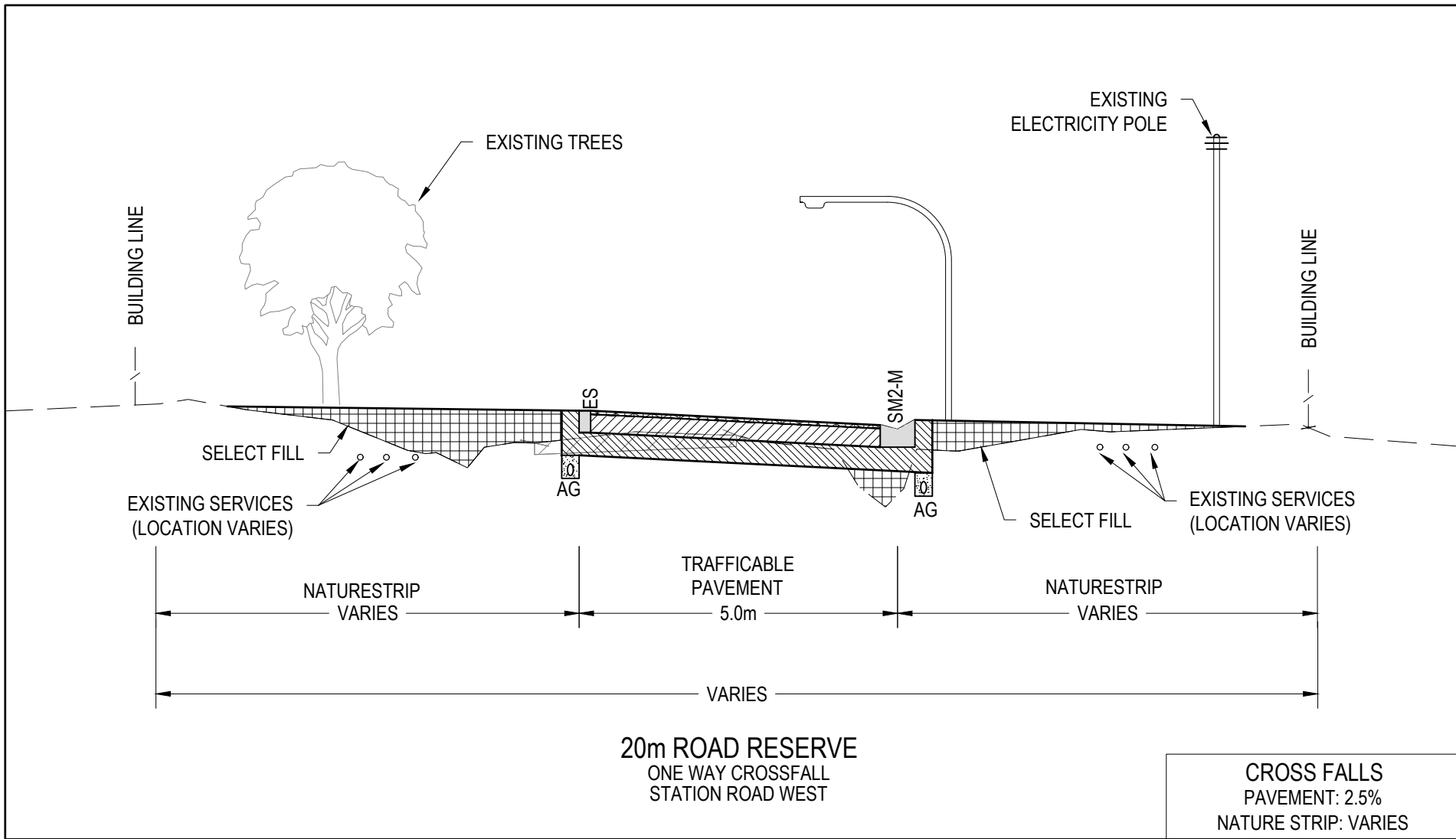
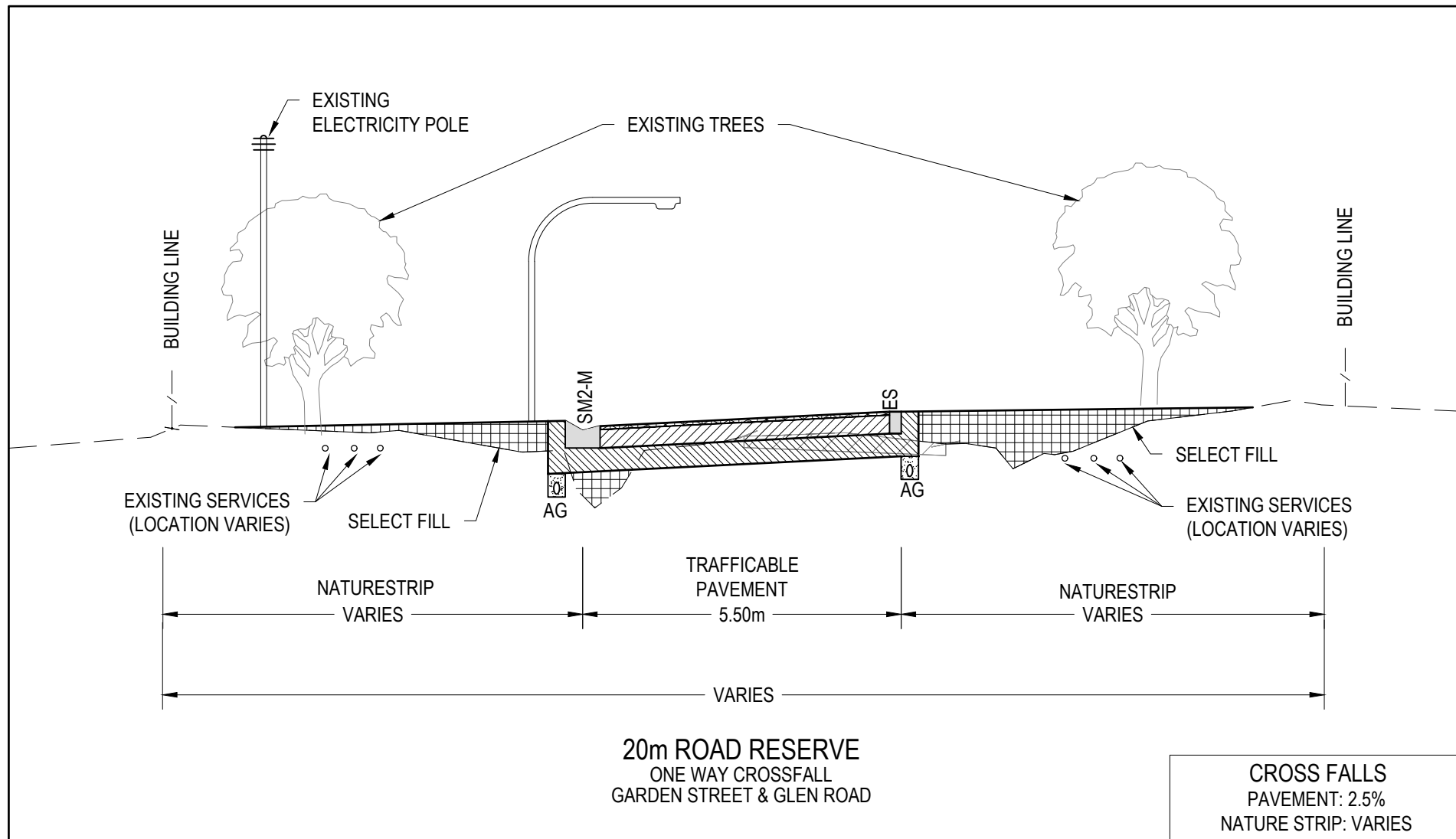
1. PROFILE EXISTING PAVEMENT.
2. TOP UP WITH CLASS 3 CRUSHED ROCK.
3. SHAPE TO MATCH DESIGN CROSS SECTION AT 190mm BELOW FINISHED SURFACE LEVEL.
4. IN-SITU STABILISE SUBBASE 200mm DEEP WITH 3% ROADMAKER TRIPLE BLEND.
5. INSTALL AG's AND CONSTRUCT UNDERGROUND DRAINAGE
6. POUR KERB & CHANNEL
7. INFILL WITH CLASS 2 TO MATCH DESIGN CROSS SECTION AT 40mm BELOW FINISHED SURFACE LEVEL.
8. PLACE PRIME OR 10mm PRIMERSEAL.
9. PLACE 30mm DEPTH OF SIZE 10 TYPE N CLASS 170 ASPHALT.



PAVEMENT TYPE B - COMPOSITION
GARDEN STREET, GLEN ROAD & STATION ROAD WEST
390mm DEPTH
NTS

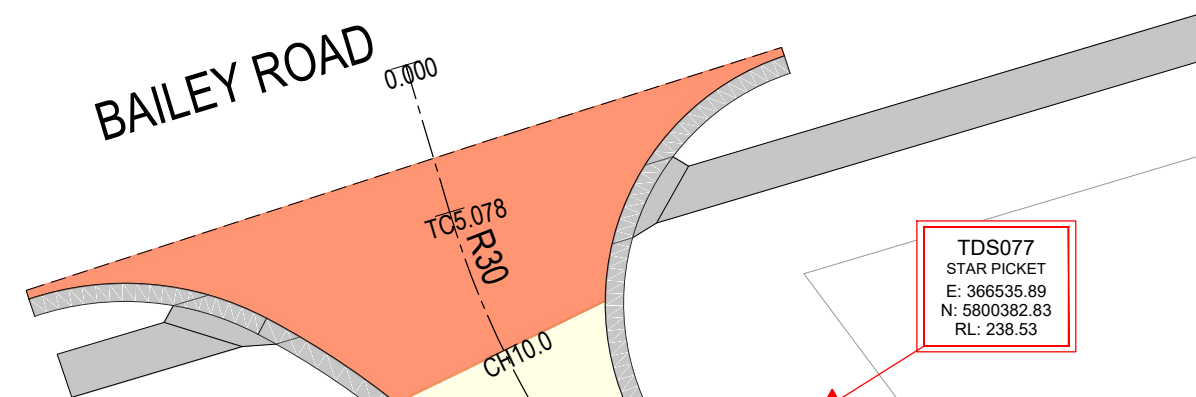
PAVEMENT CONSTRUCTION METHODOLOGY

1. REMOVE & STOCKPILE EXISTING PAVEMENT MATERIAL (CLASS 3 CRUSHED ROCK).
2. EXCAVATE TO A DEPTH OF 390mm BELOW FINISHED SURFACE.
3. IMPORT EXISTING PAVEMENT MATERIAL AND TOP UP WITH CLASS 3 CRUSHED ROCK.
4. IN-SITU STABILISE SUBBASE 200mm DEEP WITH 3% ROADMAKER TRIPLE BLEND.
5. INSTALL AG's AND CONSTRUCT UNDERGROUND DRAINAGE
6. POUR KERB & CHANNEL
7. INFILL WITH CLASS 2 TO MATCH DESIGN CROSS SECTION AT 40mm BELOW FINISHED SURFACE LEVEL.
8. PLACE PRIME OR 10mm PRIMERSEAL.
9. PLACE 30mm DEPTH OF SIZE 10 TYPE N CLASS 170 ASPHALT.



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
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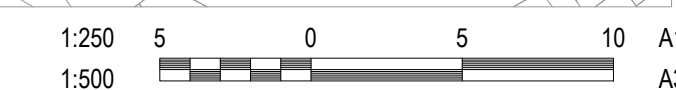
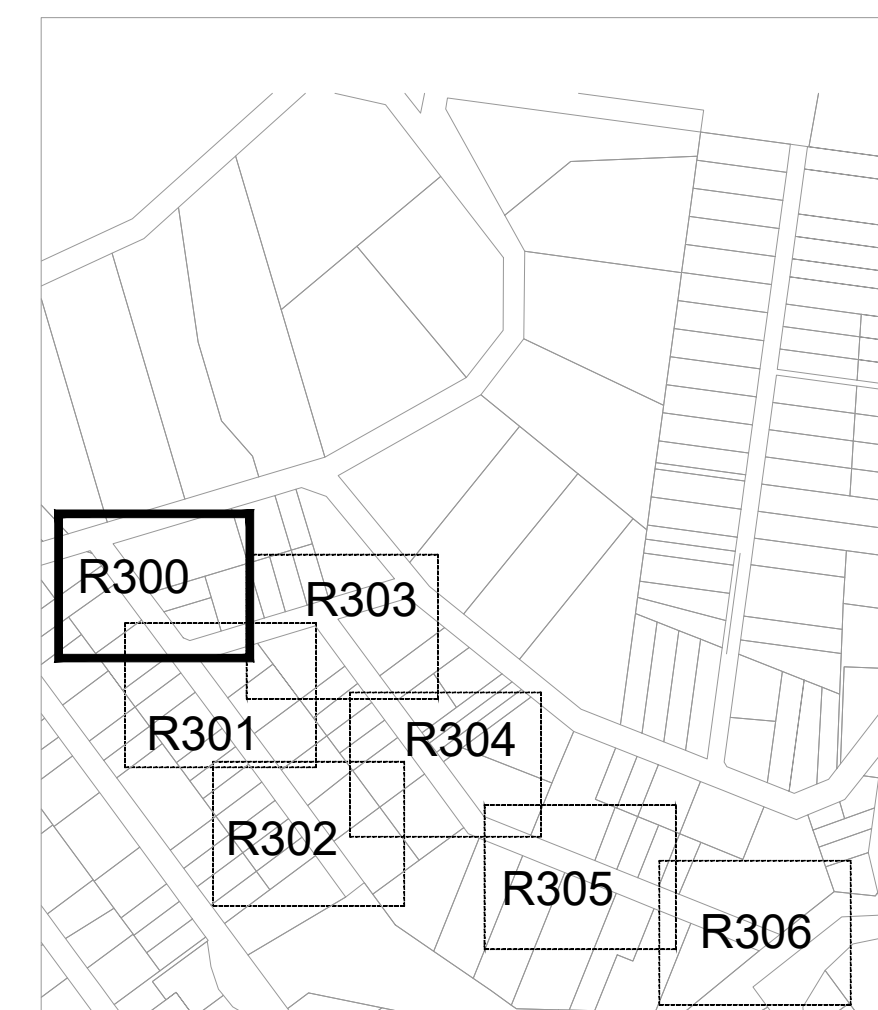
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED	
							 Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	CARDINIA PACKAGE 10 - TYPICAL SECTIONS & DETAILS	TENDER NOT FOR CONSTRUCTION	AS SHOWN	S.DEVGAN	M.RAHMAN
					PROJECT ENGINEER						PROJECT MANAGER	DATE FIRST ISSUE	
					M.TROUNCE						T.PALIOS	SEP 2021	
					PROJECT No.						DRAWING No.	REVISION	
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.						210152	R200	B
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.								



PAVEMENT TYPE - A

PAVEMENT TYPE - B

PAVEMENT TYPE - C



CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS1_UD	367140.28	5800740.49	189.59	RIVET IN SEWER PIT
TD82_UD	367064.13	5800177.54	193.40	RIVET IN PATH
TD94_UD	366716.68	5800111.39	209.87	RIVET IN SEWER PIT
TD89_UD	367057.35	5800058.00	192.27	STAR PICKET
TD10_UD	366844.56	5800145.57	211.60	SPIKE IN BITUMEN DRIVE
TD864	367072.80	5800265.78	205.85	SO PEG WITH NAIL
TD865	367107.72	5800433.71	210.37	SO PEG WITH NAIL
TD866	367121.25	5800545.88	205.06	SO PEG WITH NAIL
TD867	367132.31	5800265.93	198.72	SO PEG WITH NAIL
TD868	367148.20	5800738.11	189.40	SO PEG WITH NAIL
TD869	366796.26	5800338.46	219.95	SO PEG WITH NAIL
TD870	366713.59	5800345.95	220.58	SO PEG WITH NAIL
TD871	366667.18	5800330.78	230.00	SO PEG WITH NAIL
TD872	366768.98	5800268.50	221.63	SO PEG WITH NAIL
TD873	366812.02	5800202.04	215.77	SO PEG WITH NAIL

CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TD5074	3686590.90	5800135.03	211.06	SO PEG WITH NAIL
TD5075	3686938.10	5800110.42	208.75	SO PEG WITH NAIL
TD5076	3686999.68	5800073.48	202.98	SO PEG WITH NAIL
TD5077	366535.89	5800382.83	238.53	STAR PICKET
TD5077X	367063.96	5800064.64	191.08	SO PEG WITH NAIL
TD5078	366608.37	5800285.90	229.66	STAR PICKET
TD5079	366669.44	5800194.26	219.82	SO PEG WITH NAIL
W1	366557.17	5800329.08	235.08	SO PEG WITH NAIL
W5	366721.59	5800324.96	227.72	STAR PICKET
W6	366797.53	5800343.99	219.87	RIVET IN KERB
W7	366896.72	5800094.32	207.51	NAIL IN BITUMEN DRIVE
W8	367086.79	5800058.24	219.87	NAIL IN BITUMEN DRIVE
W9	367103.40	5800469.09	210.36	STAR PICKET
W10	367132.90	5800560.83	197.19	RIVET IN DRIVE
W11	367292.98	5800335.42	209.18	SO PEG WITH NAIL

REFER SHEET R301 FOR CONTINUATION

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDERS	S.D.	M.P.	M.T.


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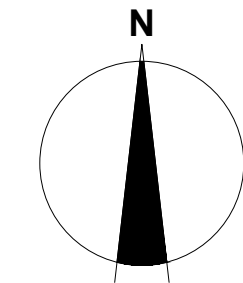
SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE
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CARDINIA PACKAGE 10 - GEOMETRIC & PAVEMENT PLAN - 1
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TENDER NOT FOR CONSTRUCTION
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SCALE AT A1 1:500 @ A1	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R300	REVISION B

REFER SHEET R300 FOR CONTINUATION



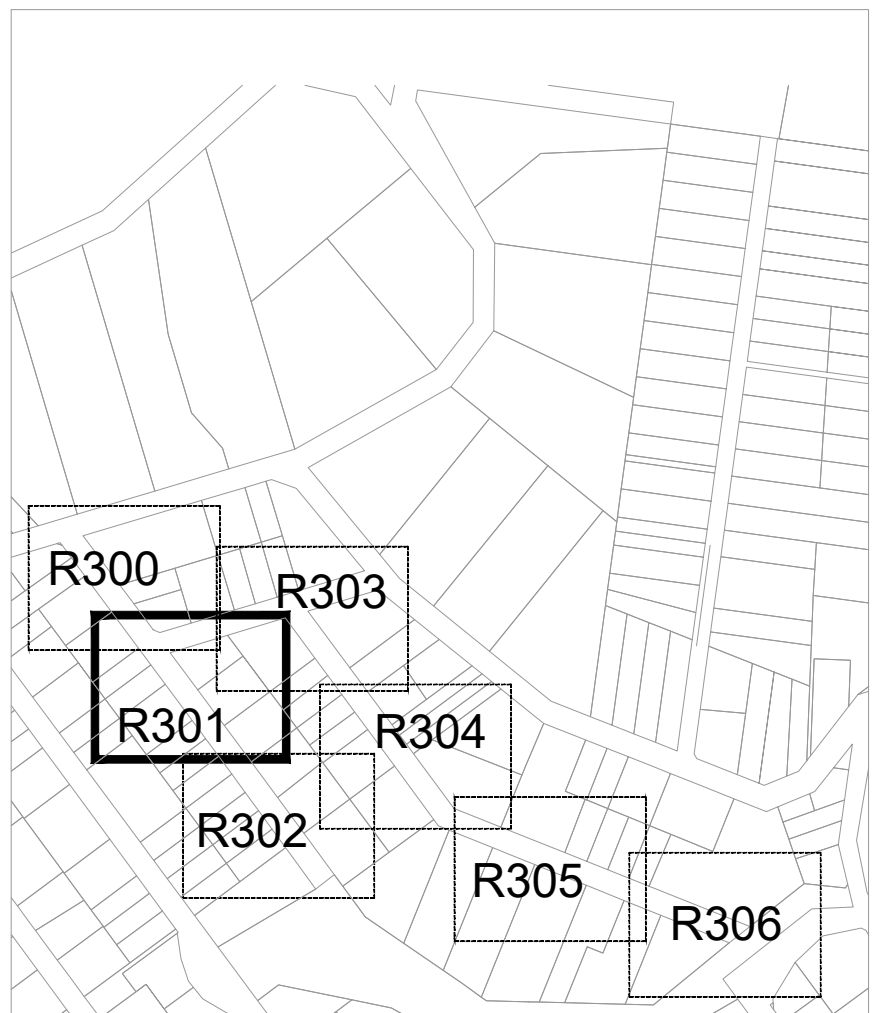
- PAVEMENT TYPE - A
- PAVEMENT TYPE - B
- PAVEMENT TYPE - C

DESIGN LINE SETOUT - STATION ROAD WEST					
POINT TYPE	CHAINAGE	EASTING	NORTHING	BEARING	RADIUS
IP	0.000	366596.584	5800287.750	53°17'15.28"	
TC	8.156	366603.122	5800292.625	53°17'15.28"	10.000
	10.000	366604.693	5800293.585	63°51'15.70"	10.000
CT	11.629	366606.208	5800294.181	73°11'19.56"	10.000
	20.000	366614.221	5800296.602	73°11'19.56"	
	40.000	366633.366	5800302.387	73°11'19.56"	
TC	43.557	366636.770	5800303.415	73°11'19.56"	100.000
CT	54.188	366647.092	5800305.944	79°16'48.26"	100.000
IP	57.428	366650.275	5800306.546	79°16'48.26"	

CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS1_UD	367140.28	5800740.49	189.50	RIVET IN SEWER PIT
TDS2_UD	367064.13	5800177.54	193.49	RIVET IN PATH
TDS4_UD	366716.68	5800111.39	209.87	RIVET IN SEWER PIT
TDS9_UD	367057.35	5800058.00	192.27	STAR PICKET
TDS10_UD	366844.56	5800145.57	211.60	SPIKE IN BITUMEN DRIVE
TDS064	367072.80	5800285.78	205.85	SO PEG WITH NAIL
TDS065	367107.72	5800433.71	210.37	SO PEG WITH NAIL
TDS066	367121.25	5800545.88	205.06	SO PEG WITH NAIL
TDS067	367132.31	5800625.93	198.72	SO PEG WITH NAIL
TDS068	367148.20	5800738.11	189.40	SO PEG WITH NAIL
TDS069	366786.26	5800338.46	219.95	SO PEG WITH NAIL
TDS070	366713.99	5800314.95	228.58	SO PEG WITH NAIL
TDS071	366667.18	5800303.78	230.00	SO PEG WITH NAIL
TDS072	366768.98	5800268.50	221.63	SO PEG WITH NAIL
TDS073	366812.02	5800202.04	215.77	SO PEG WITH NAIL

CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS074	366850.90	5800135.03	211.06	SO PEG WITH NAIL
TDS075	366938.10	5800110.42	208.75	SO PEG WITH NAIL
TDS076	366999.68	5800073.48	202.98	SO PEG WITH NAIL
TDS077	366535.89	5800382.83	238.53	STAR PICKET
TDS077X	367063.96	5800064.64	191.08	SO PEG WITH NAIL
TDS078	366608.37	5800285.90	229.66	STAR PICKET
TDS079	366689.44	5800194.26	219.62	SO PEG WITH NAIL
W1	366597.17	5800329.08	235.08	SO PEG WITH NAIL
W5	366721.59	5800324.96	227.72	STAR PICKET
W6	366797.53	5800343.99	219.87	RIVET IN KERB
W7	366958.72	5800994.32	207.51	NAIL IN BITUMEN DRIVE
W8	367088.79	5800308.24	208.22	NAIL IN BITUMEN DRIVE
W9	367103.40	5800469.09	210.36	STAR PICKET
W10	367132.90	5800640.83	197.19	RIVET IN DRIVE
W11	367092.98	5800335.42	208.18	SO PEG WITH NAIL

SHEET KEYMAP



REFER SHEET R302 FOR CONTINUATION

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



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Geelong, VIC, Australia 3220

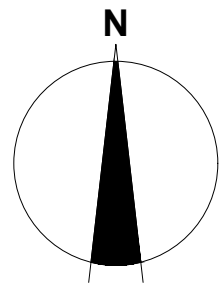
PROJECT
SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE

DRAWING TITLE
CARDINIA PACKAGE 10 -
GEOMETRIC & PAVEMENT PLAN - 2

STATUS
TENDER
NOT FOR CONSTRUCTION

SCALE AT A1 1:500 @ A1	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R301	REVISION B

REFER SHEET R301 FOR CONTINUATION



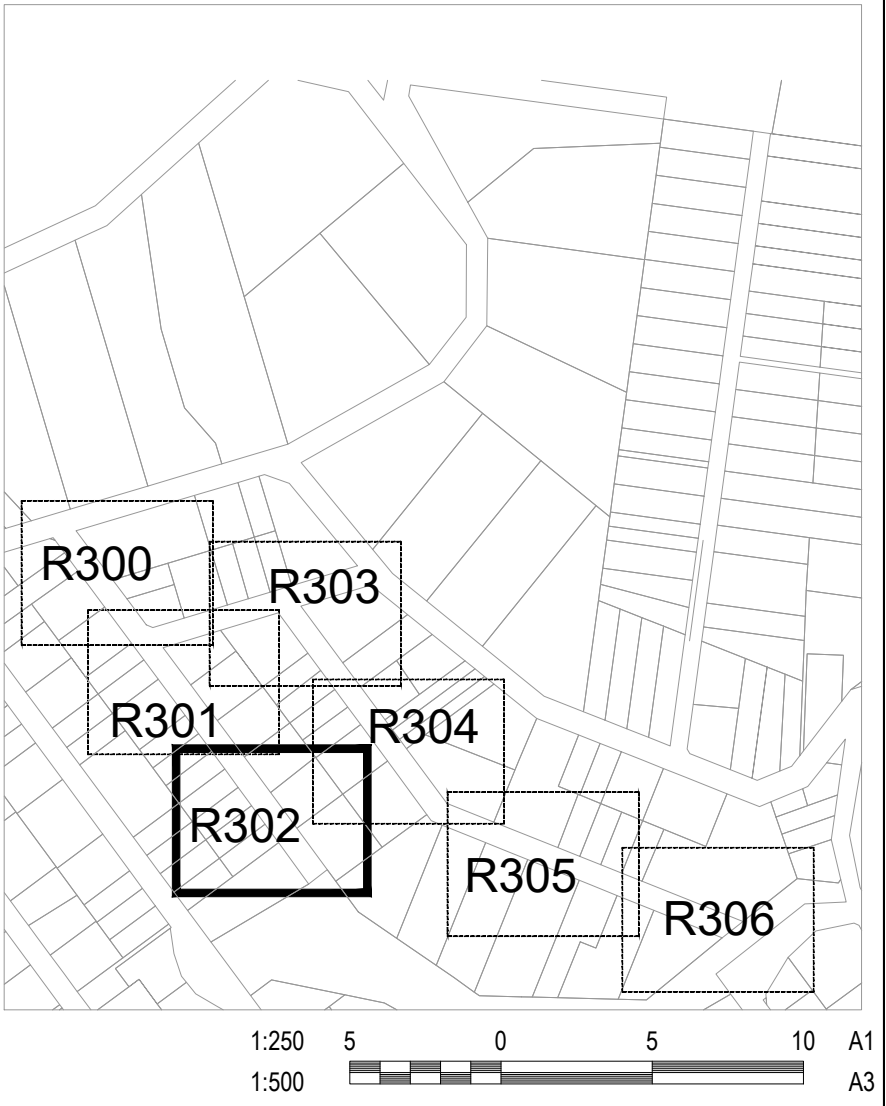
- PAVEMENT TYPE - A
- PAVEMENT TYPE - B
- PAVEMENT TYPE - C

TDS4_UD
RIVET IN SEWER PIT
E: 366716.68
N: 5800111.39
RL: 209.87

CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS1_UD	367140.28	5800740.49	189.50	RIVET IN SEWER PIT
TDS2_UD	367084.13	5800177.54	193.49	RIVET IN PATH
TDS4_UD	366716.68	5800111.39	209.87	RIVET IN SEWER PIT
TDS9_UD	367057.35	5800058.00	192.27	STAR PICKET
TDS10_UD	366844.56	5800145.57	211.60	SPIKE IN BITUMEN DRIVE
TDS064	367072.80	5800265.78	205.85	SO PEG WITH NAIL
TDS065	367107.72	5800433.71	210.37	SO PEG WITH NAIL
TDS066	367121.25	5800545.88	205.06	SO PEG WITH NAIL
TDS067	367132.31	5800625.93	198.72	SO PEG WITH NAIL
TDS068	367148.20	5800738.11	189.40	SO PEG WITH NAIL
TDS069	366786.26	5800338.46	219.95	SO PEG WITH NAIL
TDS070	366713.99	5800314.95	228.58	SO PEG WITH NAIL
TDS071	366667.18	5800303.78	230.00	SO PEG WITH NAIL
TDS072	366768.98	5800268.50	221.63	SO PEG WITH NAIL
TDS073	366812.02	5800202.04	215.77	SO PEG WITH NAIL

CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS074	366850.90	5800135.03	211.06	SO PEG WITH NAIL
TDS075	366938.10	5800110.42	208.75	SO PEG WITH NAIL
TDS076	366999.68	5800073.48	202.98	SO PEG WITH NAIL
TDS077	366535.89	5800382.83	238.53	STAR PICKET
TDS077X	367063.96	5800064.64	191.08	SO PEG WITH NAIL
TDS078	366608.37	5800285.90	229.66	STAR PICKET
TDS079	366669.44	5800194.26	219.82	SO PEG WITH NAIL
W1	366557.17	5800329.08	235.08	SO PEG WITH NAIL
W5	366721.59	5800324.96	227.72	STAR PICKET
W6	366797.53	5800343.99	219.87	RIVET IN KERB
W7	366956.72	5800094.32	207.51	NAIL IN BITUMEN DRIVE
W8	367088.79	5800306.24	208.22	NAIL IN BITUMEN DRIVE
W9	367103.40	5800469.09	210.36	STAR PICKET
W10	367132.90	5800640.83	197.19	RIVET IN DRIVE
W11	367062.98	5800335.42	208.18	SO PEG WITH NAIL

SHEET KEYMAP



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



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

PROJECT
SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE

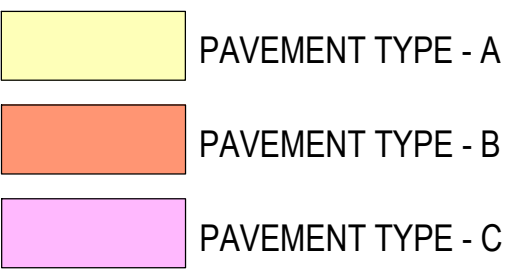
DRAWING TITLE
CARDINIA PACKAGE 10 -
GEOMETRIC & PAVEMENT PLAN - 3

STATUS
TENDER
NOT FOR CONSTRUCTION

SCALE AT A1 1:500 @ A1	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R303	REVISION B

CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TD5074	366850.90	5800135.03	211.06	SO PEG WITH NAIL
TD5075	366938.10	5800110.42	208.75	SO PEG WITH NAIL
TD5076	366999.68	5800073.48	202.98	SO PEG WITH NAIL
TD5077	366535.89	5800382.83	238.53	STAR PICKET
TD5077X	367063.96	5800064.64	191.08	SO PEG WITH NAIL
TD5078	366608.37	5800285.90	229.66	STAR PICKET
TD5079	366699.44	5800194.26	219.82	SO PEG WITH NAIL
W1	366057.17	5800329.08	235.08	SO PEG WITH NAIL
W5	366721.59	5800324.96	227.72	STAR PICKET
W6	366707.93	5800319.99	227.72	ROSET IN BUSH
W7	366956.72	5800094.32	207.51	NAIL IN BTUMEN DRIVE
W8	367068.79	5800306.24	208.22	NAIL IN BTUMEN DRIVE
W9	367103.40	5800409.09	210.36	STAR PICKET
W10	367132.90	5800640.83	197.19	ROSET IN DRIVE
W11	367092.98	5800335.42	208.18	SO PEG WITH NAIL

CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TD5074	366850.90	5800135.03	211.06	SO PEG WITH NAIL
TD5075	366938.10	5800110.42	208.75	SO PEG WITH NAIL
TD5076	366999.68	5800073.48	202.98	SO PEG WITH NAIL
TD5077	366535.89	5800382.83	238.53	STAR PICKET
TD5077X	367063.96	5800064.64	191.08	SO PEG WITH NAIL
TD5078	366608.37	5800285.90	229.66	STAR PICKET
TD5079	366699.44	5800194.26	219.82	SO PEG WITH NAIL
W1	366057.17	5800329.08	235.08	SO PEG WITH NAIL
W5	366721.59	5800324.96	227.72	STAR PICKET
W6	366707.93	5800309.99	227.90	ROSET IN BUSH
W7	366956.72	5800094.32	207.51	NAIL IN BTUMEN DRIVE
W8	367068.79	5800306.24	208.22	NAIL IN BTUMEN DRIVE
W9	367103.40	5800409.09	210.36	STAR PICKET
W10	367132.90	5800640.83	197.19	ROSET IN DRIVE
W11	367092.98	5800335.42	208.18	SO PEG WITH NAIL



SHEET KEYMAP



Cardinia



PROJECT

**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

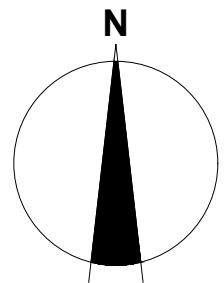
REFER SHEET R304 FOR CONTINUATION

**CARDINIA PACKAGE 10 -
GEOMETRIC & PAVEMENT PLAN - 4**

TENDER
NOT FOR CONSTRUCTION

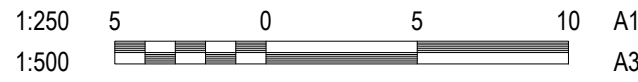
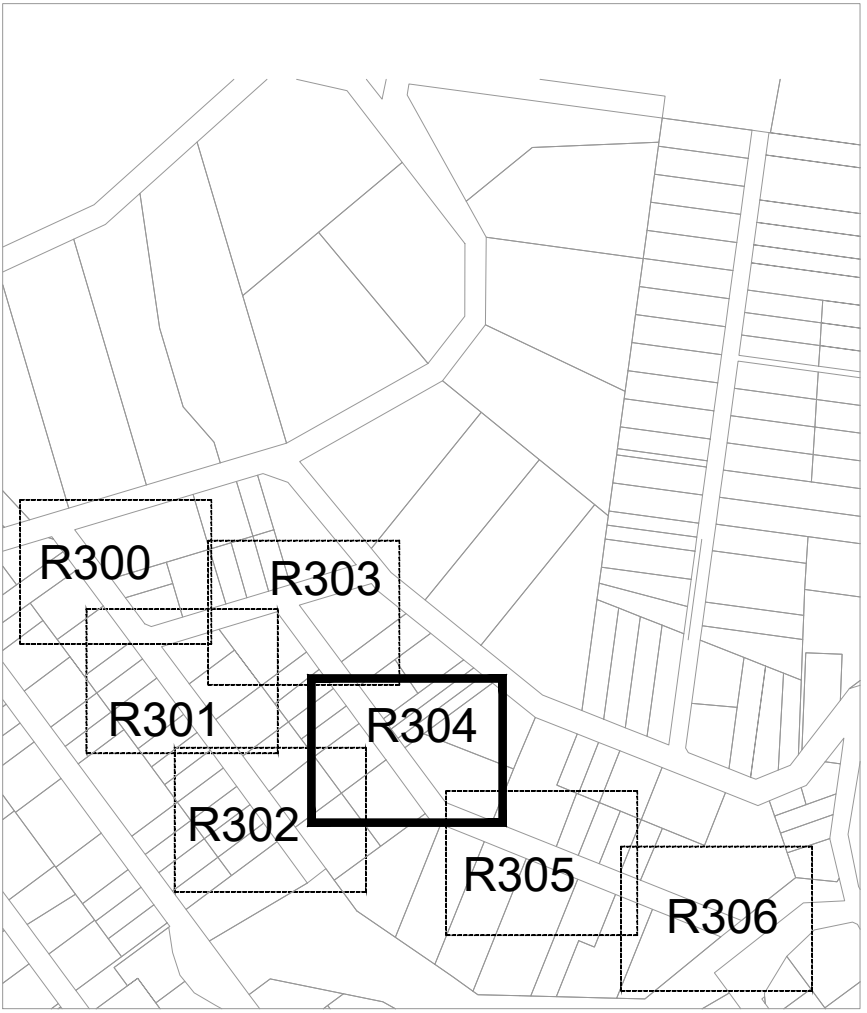
SCALE AT A1	DRAWN	DESIGNED
1:500 @ A1	S.DEVGAN	M.RAHMAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	T.PALIOS	SEP 2021
PROJECT No.	DRAWING No.	REVISION
210152	R303	B

REFER SHEET R303 FOR CONTINUATION



- PAVEMENT TYPE - A
- PAVEMENT TYPE - B
- PAVEMENT TYPE - C

SHEET KEYMAP



CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS1_UD	367140.28	5800740.49	189.50	RIVET IN SEWER PIT
TDS2_UD	367064.13	5800177.54	193.49	RIVET IN PATH
TDS4_UD	366716.68	5800111.39	209.87	RIVET IN SEWER PIT
TDS9_UD	367057.35	5800058.00	192.27	STAR PICKET
TDS10_UD	366844.56	5800145.57	211.60	SPIKE IN BITUMEN DRIVE
TD5064	367072.80	5800265.78	205.85	SO PEG WITH NAIL
TD5065	367107.72	5800433.71	210.37	SO PEG WITH NAIL
TD5066	367121.25	5800545.88	205.06	SO PEG WITH NAIL
TD5067	367132.31	5800625.93	198.72	SO PEG WITH NAIL
TD5068	367148.20	5800738.11	189.40	SO PEG WITH NAIL
TD5069	366786.26	5800338.46	219.95	SO PEG WITH NAIL
TD5070	366713.99	5800314.95	228.58	SO PEG WITH NAIL
TD5071	366667.18	5800303.78	230.00	SO PEG WITH NAIL
TD5072	366768.98	5800268.50	221.63	SO PEG WITH NAIL
TD5073	366812.02	5800202.04	215.77	SO PEG WITH NAIL

CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS074	366850.90	5800135.03	211.06	SO PEG WITH NAIL
TDS075	366938.10	5800110.42	208.75	SO PEG WITH NAIL
TDS076	366999.68	5800073.48	202.98	SO PEG WITH NAIL
TDS077	366535.89	5800382.83	238.53	STAR PICKET
TDS077X	367063.96	5800064.64	191.08	SO PEG WITH NAIL
TDS078	366608.37	5800285.90	229.66	STAR PICKET
TDS079	366669.44	5800194.26	219.82	SO PEG WITH NAIL
W1	366557.17	5800329.08	235.08	SO PEG WITH NAIL
W5	366721.59	5800324.96	227.72	STAR PICKET
W6	366797.53	5800343.99	219.87	RIVET IN KERB
W7	366956.72	5800094.32	207.51	NAIL IN BITUMEN DRIVE
W8	367088.79	5800306.24	208.22	NAIL IN BITUMEN DRIVE
W9	367103.40	5800469.09	210.36	STAR PICKET
W10	367132.90	5800640.83	197.19	RIVET IN DRIVE
W11	367092.98	5800335.42	208.18	SO PEG WITH NAIL

TDS10_UD
Spike in bitumen drive
E: 366844.56
N: 5800145.57
RL: 211.60

TDS074
SO PEG WITH NAIL
E: 366850.90
N: 5800135.03
RL: 211.06

REFER SHEET R305 FOR CONTINUATION

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



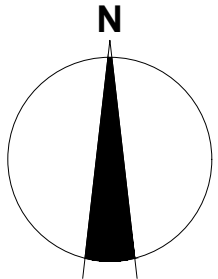
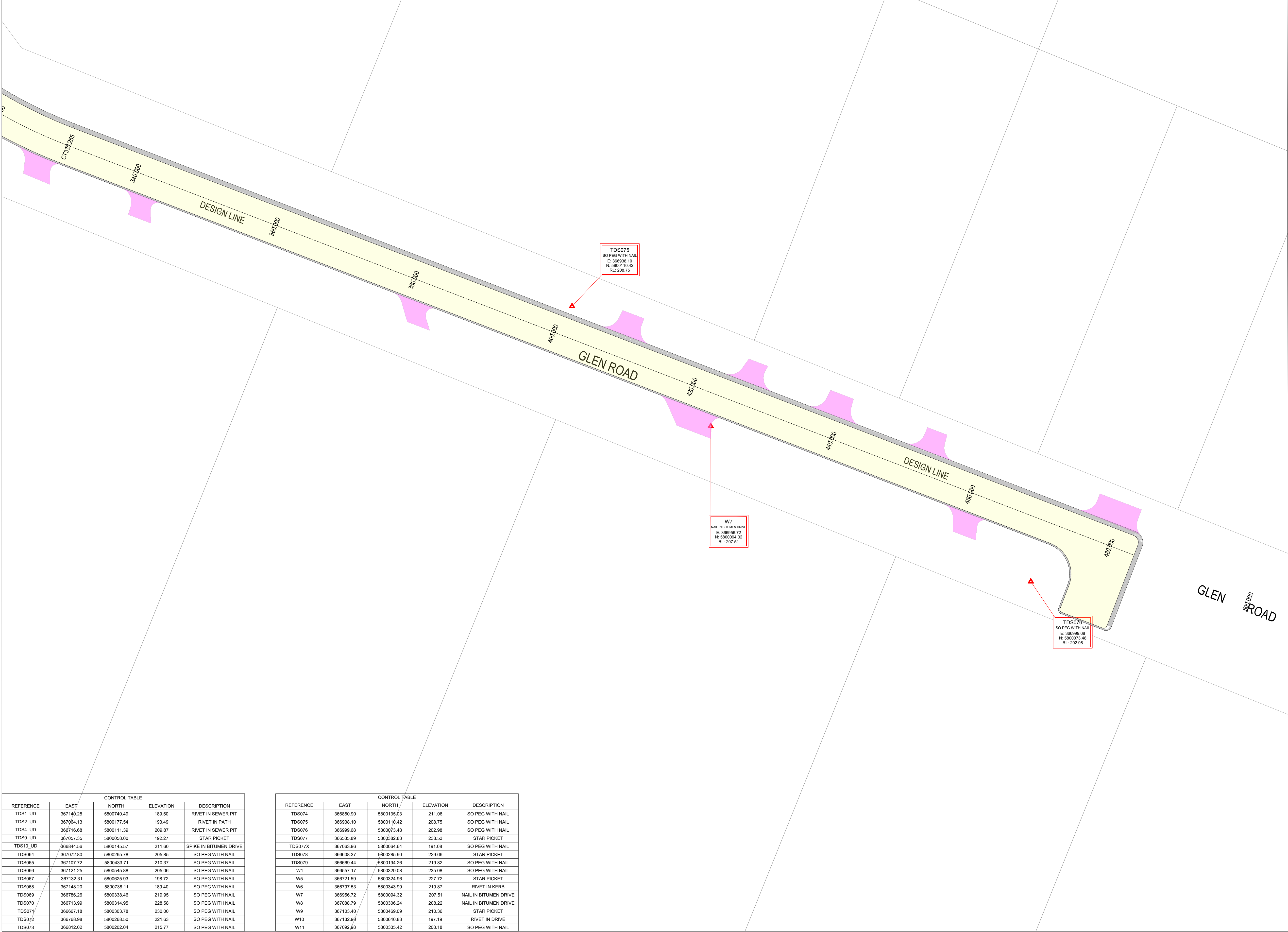
PROJECT
SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE

DRAWING TITLE
CARDINIA PACKAGE 10 -
GEOMETRIC & PAVEMENT PLAN - 5

STATUS
TENDER
NOT FOR CONSTRUCTION

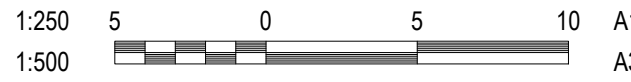
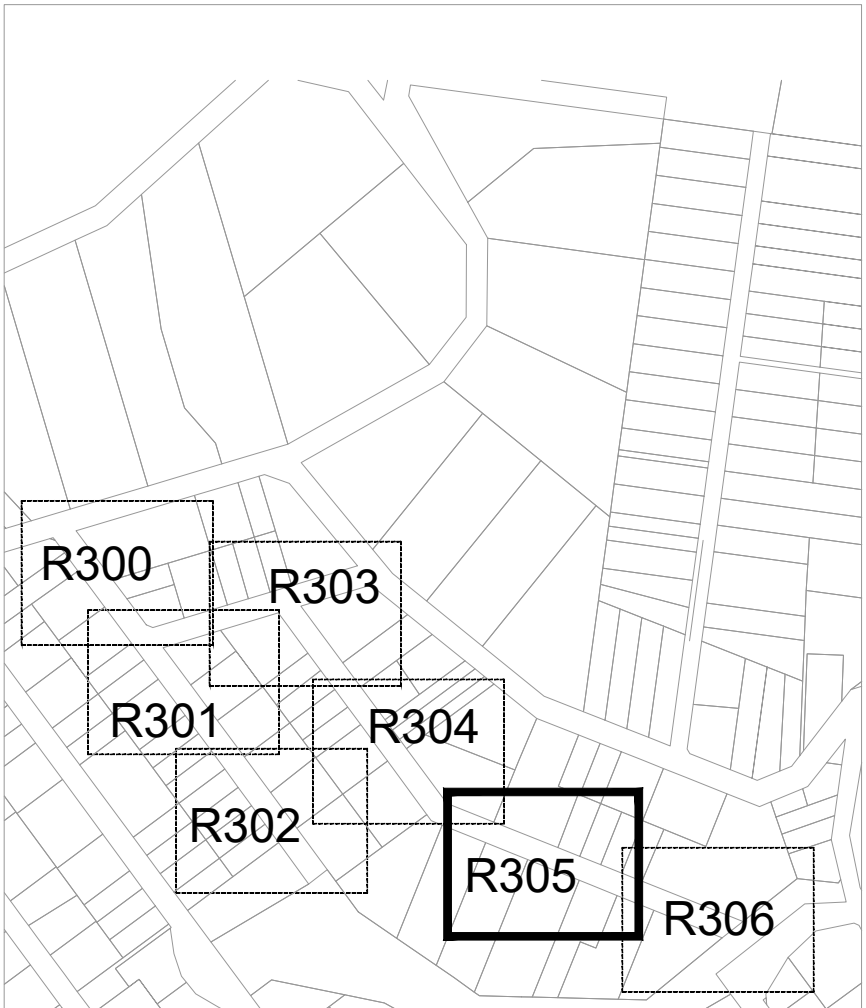
SCALE AT A1 1:500 @ A1	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R304	REVISION B

REFER SHEET R304 FOR CONTINUATION



- PAVEMENT TYPE - A
- PAVEMENT TYPE - B
- PAVEMENT TYPE - C

SHEET KEYMAP



CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS1_UD	367140.28	5800740.49	189.50	RIVET IN SEWER PIT
TDS2_UD	367064.13	5800177.54	193.49	RIVET IN PATH
TDS4_UD	366716.68	5800111.39	209.87	RIVET IN SEWER PIT
TDS9_UD	367057.35	5800058.00	192.27	STAR PICKET
TDS10_UD	366844.56	5800145.57	211.60	SPIKE IN BITUMEN DRIVE
TDS064	367072.80	5800265.78	205.85	SO PEG WITH NAIL
TDS065	367107.72	5800433.71	210.37	SO PEG WITH NAIL
TDS066	367121.25	5800545.88	205.06	SO PEG WITH NAIL
TDS067	367132.31	5800625.03	196.72	SO PEG WITH NAIL
TDS068	367148.20	5800738.11	189.40	SO PEG WITH NAIL
TDS069	366786.26	5800338.46	219.95	SO PEG WITH NAIL
TDS070	366713.99	5800314.95	228.58	SO PEG WITH NAIL
TDS071	366667.18	5800303.78	230.00	SO PEG WITH NAIL
TDS072	366768.98	5800268.50	221.63	SO PEG WITH NAIL
TDS073	366812.02	5800202.04	215.77	SO PEG WITH NAIL

CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS074	366850.90	5800135.03	211.06	SO PEG WITH NAIL
TDS075	366938.10	5800110.42	208.75	SO PEG WITH NAIL
TDS076	366999.68	5800073.48	202.98	SO PEG WITH NAIL
TDS077	366535.89	5800382.83	238.53	STAR PICKET
TDS077X	367063.96	5800064.64	191.08	SO PEG WITH NAIL
TDS078	366608.37	5800285.90	229.66	STAR PICKET
TDS079	366669.44	5800194.26	219.82	SO PEG WITH NAIL
W1	366557.17	5800329.08	235.08	SO PEG WITH NAIL
W5	366721.59	5800324.96	227.72	STAR PICKET
W6	366797.53	5800343.99	219.87	RIVET IN KERB
W7	366556.72	5800094.32	207.51	NAIL IN BITUMEN DRIVE
W8	367088.79	5800306.24	208.22	NAIL IN BITUMEN DRIVE
W9	367103.40	5800469.09	210.36	STAR PICKET
W10	367132.90	5800640.83	197.19	RIVET IN DRIVE
W11	367092.98	5800335.42	208.18	SO PEG WITH NAIL

REFER SHEET R306 FOR CONTINUATION

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



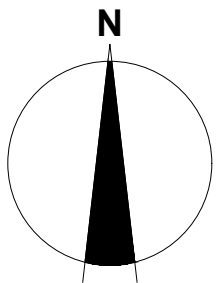
PROJECT
**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

DRAWING TITLE
**CARDINIA PACKAGE 10 -
GEOMETRIC & PAVEMENT PLAN - 6**

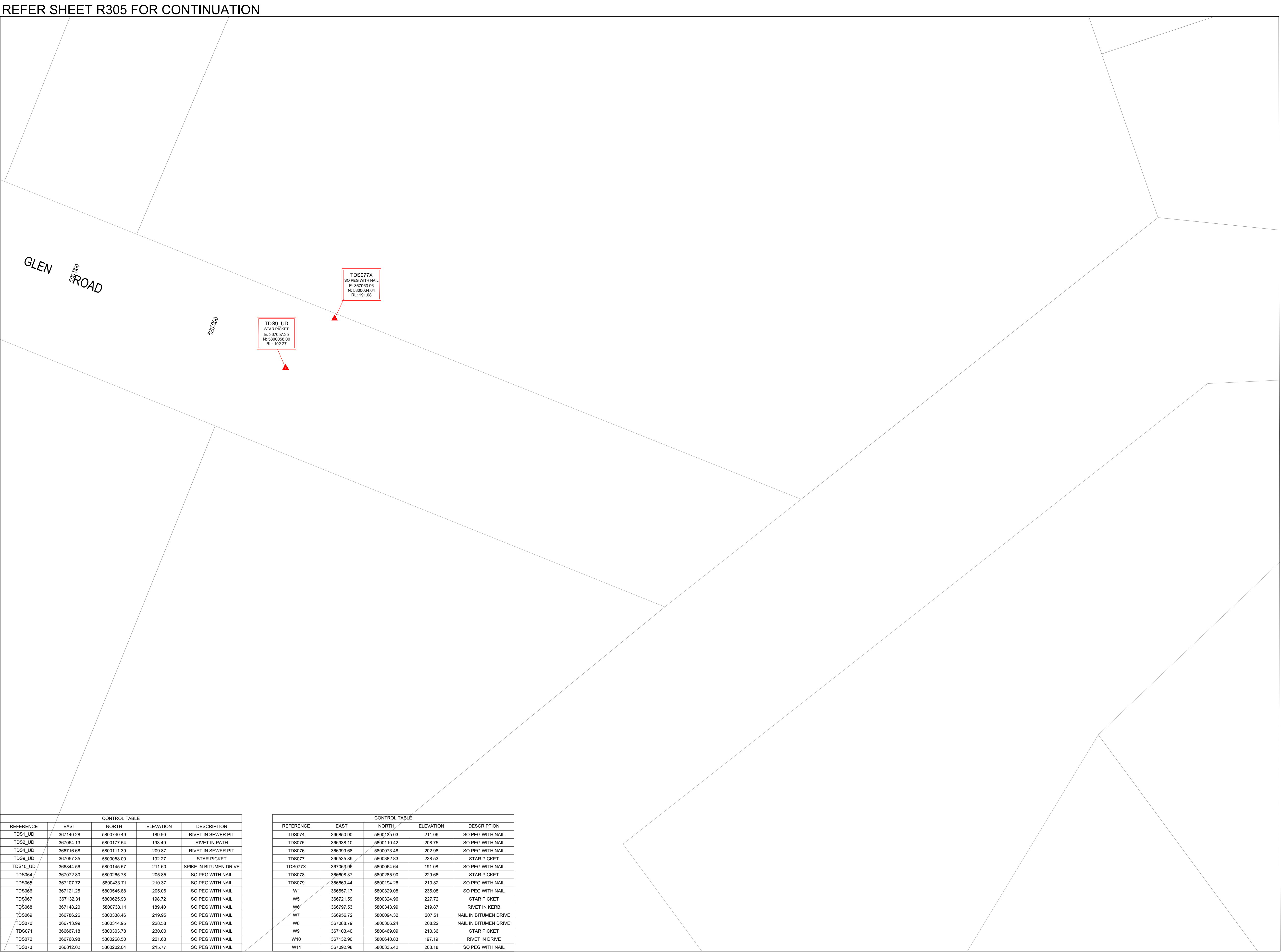
STATUS
**TENDER
NOT FOR CONSTRUCTION**

SCALE AT A1 1:500 @ A1	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R305	REVISION B

REFER SHEET R305 FOR CONTINUATION



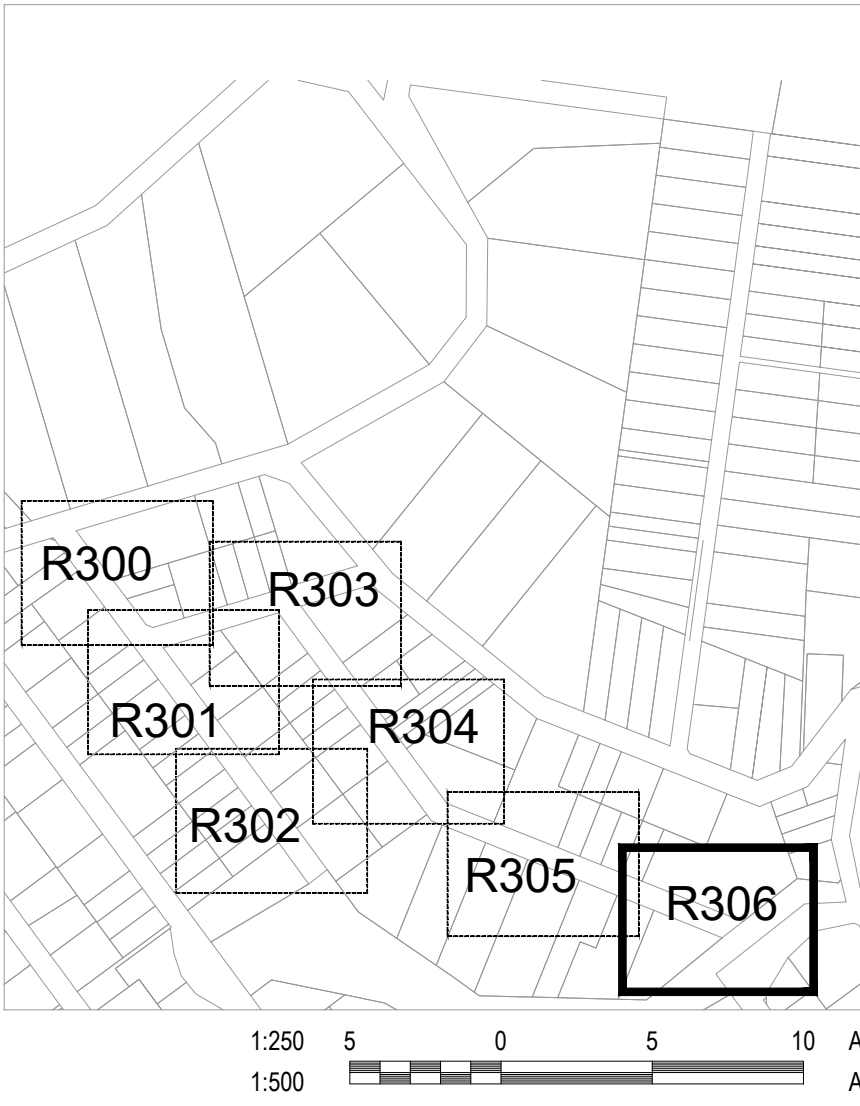
- PAVEMENT TYPE - A
- PAVEMENT TYPE - B
- PAVEMENT TYPE - C



CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS1_UD	367140.28	5800740.49	189.50	RIVET IN SEWER PIT
TDS2_UD	367064.13	5800177.54	193.49	RIVET IN PATH
TDS4_UD	366716.68	5800111.39	209.87	RIVET IN SEWER PIT
TDS9_UD	367057.35	5800058.00	192.27	STAR PICKET
TDS10_UD	366844.56	5800145.57	211.60	SPIKE IN BITUMEN DRIVE
TDS064	367072.80	5800265.78	205.85	SO PEG WITH NAIL
TDS065	367107.72	5800433.71	210.37	SO PEG WITH NAIL
TDS066	367121.25	5800545.88	205.06	SO PEG WITH NAIL
TDS067	367132.31	5800625.93	198.72	SO PEG WITH NAIL
TDS068	367148.20	5800738.11	189.40	SO PEG WITH NAIL
TDS069	366798.28	5800338.46	219.95	SO PEG WITH NAIL
TDS070	366713.99	5800314.55	226.58	SO PEG WITH NAIL
TDS071	366667.18	5800303.78	230.00	SO PEG WITH NAIL
TDS072	366768.98	5800268.50	221.63	SO PEG WITH NAIL
TDS073	366812.02	5800202.04	215.77	SO PEG WITH NAIL

CONTROL TABLE				
REFERENCE	EAST	NORTH	ELEVATION	DESCRIPTION
TDS074	366850.90	5800135.03	211.06	SO PEG WITH NAIL
TDS075	366938.10	5800110.42	208.75	SO PEG WITH NAIL
TDS076	366999.68	5800073.48	202.98	SO PEG WITH NAIL
TDS077	366535.89	5800382.83	238.53	STAR PICKET
TDS077X	367063.96	5800064.64	191.08	SO PEG WITH NAIL
TDS078	366608.37	5800285.90	229.66	STAR PICKET
TDS079	366669.44	5800194.26	219.82	SO PEG WITH NAIL
W1	366557.17	5800329.08	235.08	SO PEG WITH NAIL
W5	366721.59	5800324.96	227.72	STAR PICKET
W6	366797.53	5800343.99	219.87	RIVET IN KERB
W7	366566.72	5800094.32	207.51	NAIL IN BITUMEN DRIVE
W8	367088.79	5800398.24	208.22	NAIL IN BITUMEN DRIVE
W9	367103.40	5800469.09	210.36	STAR PICKET
W10	367132.90	5800640.83	197.19	RIVET IN DRIVE
W11	367092.98	5800335.42	208.18	SO PEG WITH NAIL

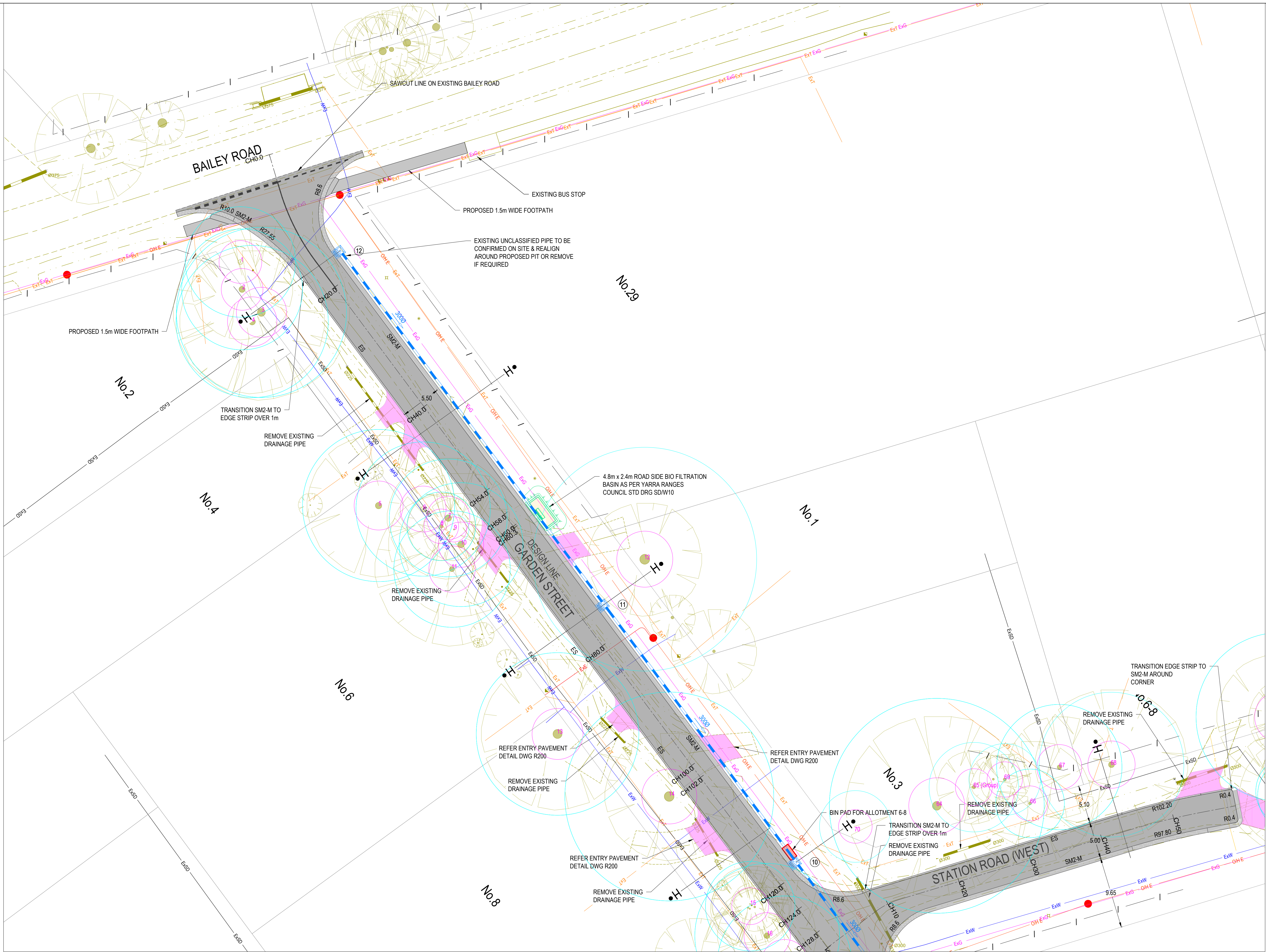
SHEET KEYMAP



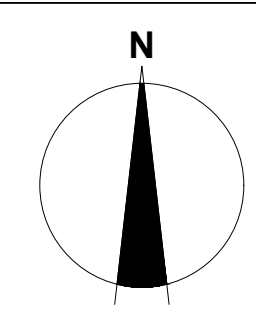
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	CARDINIA PACKAGE 10 - GEOMETRIC & PAVEMENT PLAN - 7	TENDER NOT FOR CONSTRUCTION	1:500 @ A1	S.DEVGAN	M.RAHMAN
			PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
			M.TROUNCE	T.PALIOS	SEP 2021
			PROJECT No.	DRAWING No.	REVISION
			210152	R306	B



REFER SHEET R401 FOR CONTINUATION

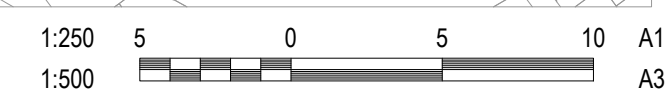
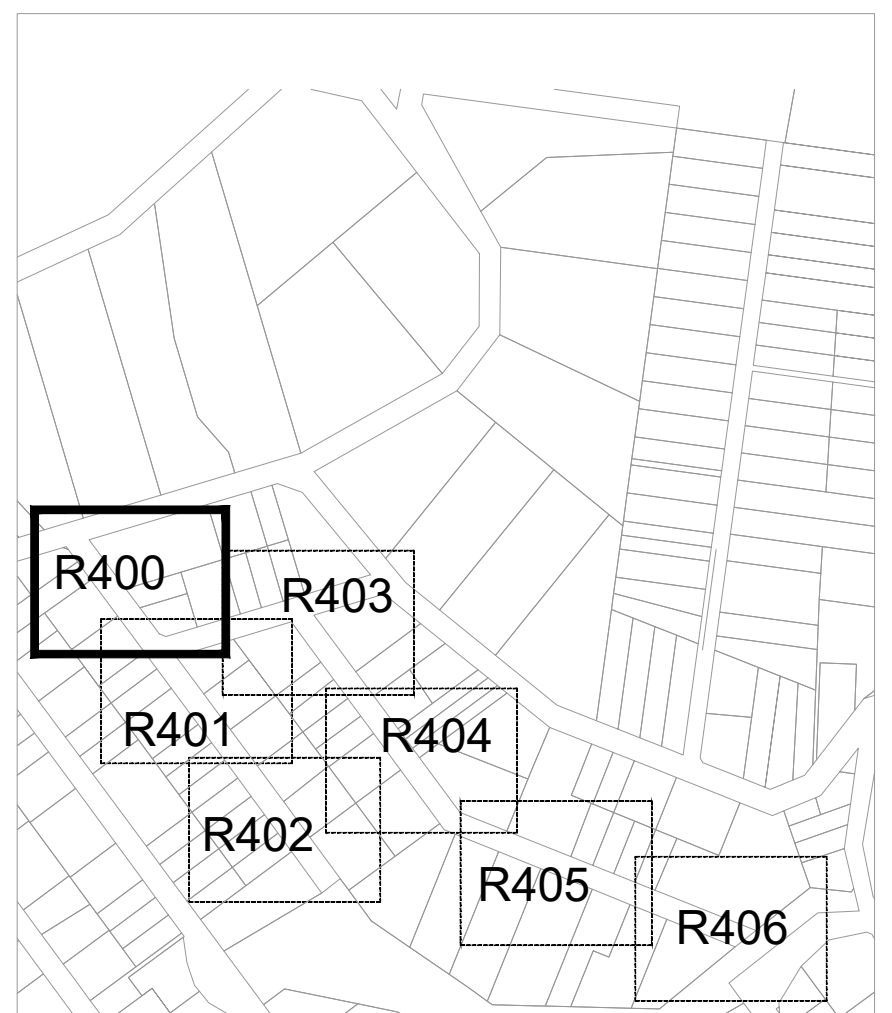


LEGEND - LAYOUT PLAN	
Ex E	EXISTING ELECTRICITY (UNDERGROUND)
OH E	EXISTING ELECTRICITY (OVERHEAD)
Ex G	EXISTING GAS
Ex T	EXISTING TELECOM
Ex W	EXISTING WATER
Ex RW	EXISTING RECYCLED WATER
	EXISTING STORMWATER DRAIN
Ex S	EXISTING SEWER
	EXISTING SWALE DRAIN
	GRATED SIDE ENTRY PIT
	JUNCTION PIT
	GRATED PIT
	DIRECTION OF FALL
	OVERLAND FLOW
	TPZ NATIVE TREE
	SRZ TREE

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NOTE:
ALL EXISTING DRIVEWAYS TO BE REINSTITATED

SHEET KEYMAP

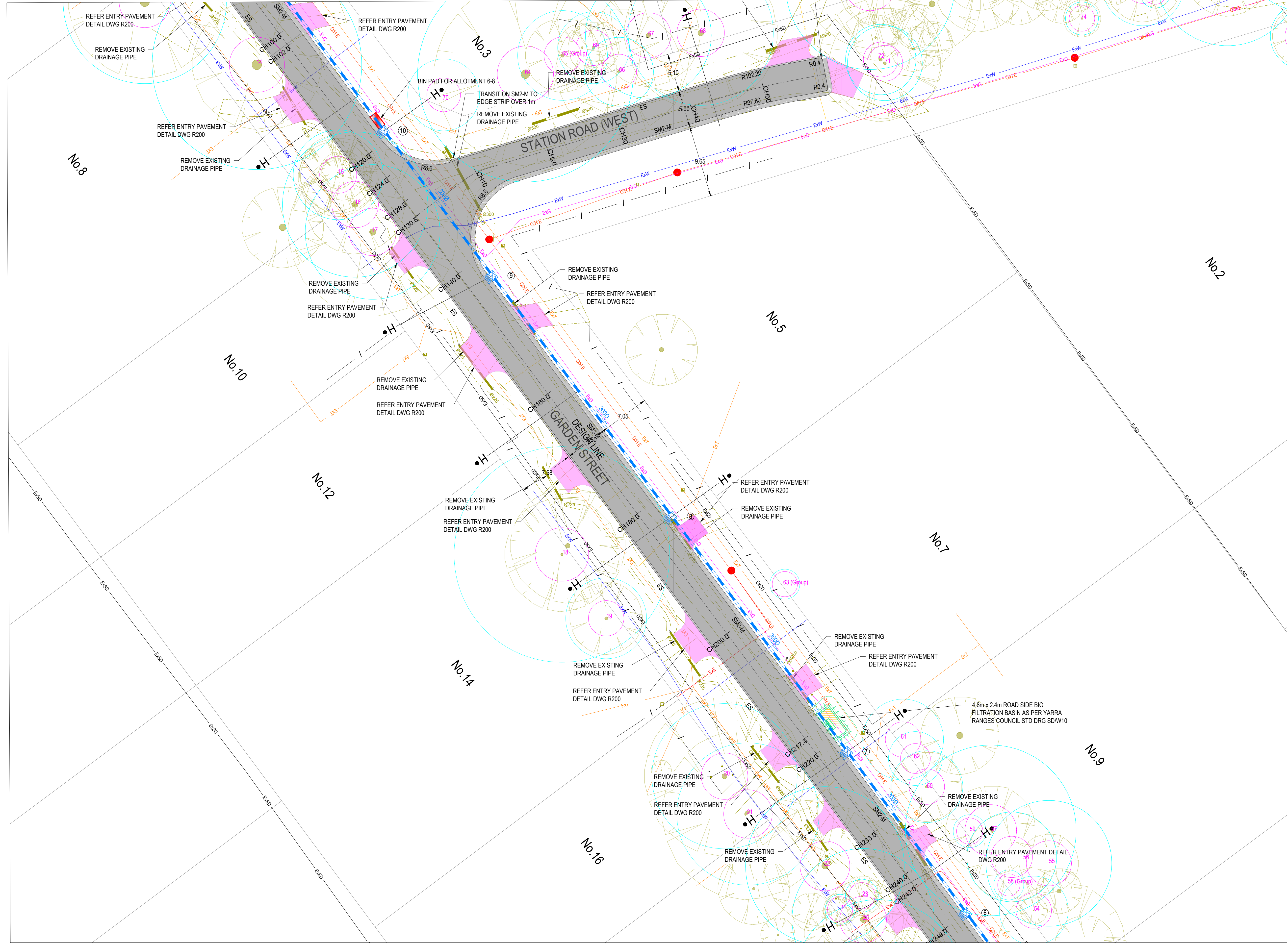


REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



PROJECT SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	DRAWING TITLE CARDINIA PACKAGE 10 - LAYOUT PLAN GARDEN ST - SHEET 1	STATUS TENDER NOT FOR CONSTRUCTION	SCALE AT A1 1:500 @ A1	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
			PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
			PROJECT No. 210152	DRAWING No. R400	REVISION B

REFER SHEET R400 FOR CONTINUATION



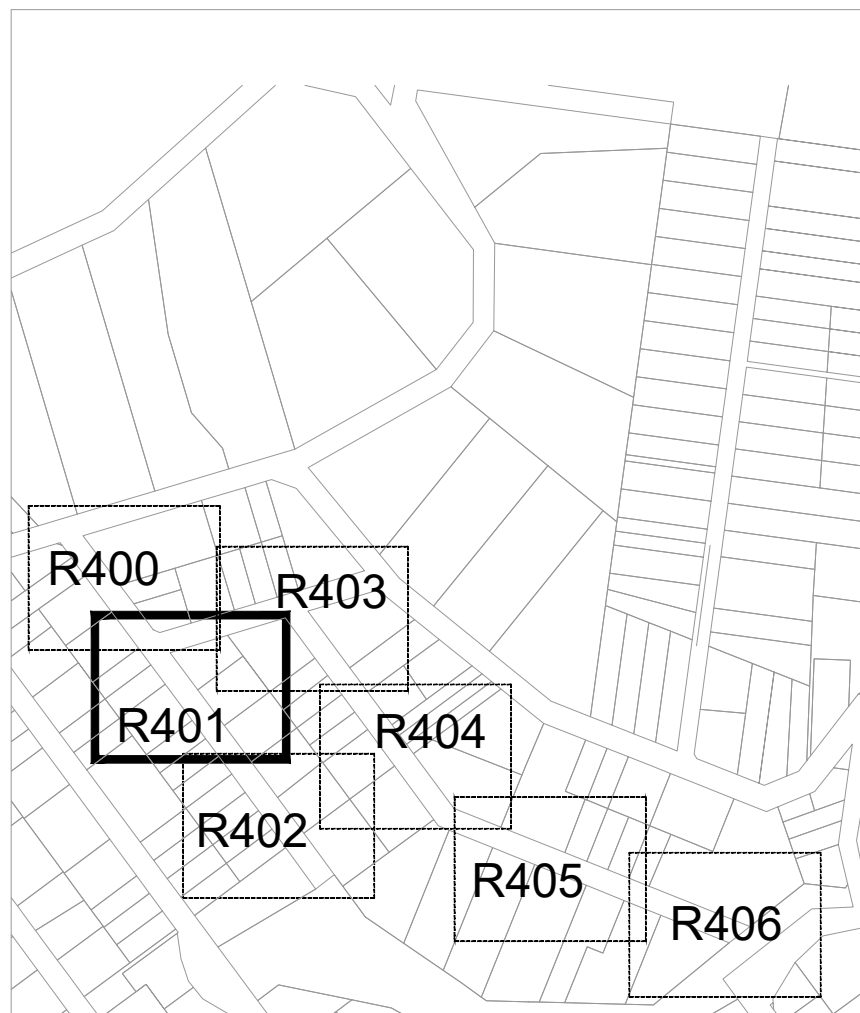
LEGEND - LAYOUT PLAN

- Ex E — EXISTING ELECTRICITY (UNDERGROUND)
- Ex H E — EXISTING ELECTRICITY (OVERHEAD)
- Ex G — EXISTING GAS
- Ex T — EXISTING TELECOM
- Ex W — EXISTING WATER
- Ex RW — EXISTING RECYCLED WATER
- Ex S — EXISTING STORMWATER DRAIN
- Ex S — EXISTING SEWER
- > — EXISTING SWALE DRAIN
- [] — GRATED SIDE ENTRY PIT
- [] — JUNCTION PIT
- [] — GRATED PIT
- — DIRECTION OF FALL
- — OVERLAND FLOW
- — TPZ NATIVE TREE
- — SRZ TREE

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SHEET KEYMAP



REFER SHEET R402 FOR CONTINUATION

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



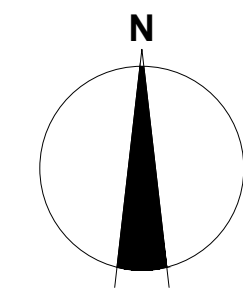
PROJECT
**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

DRAWING TITLE
**CARDINIA PACKAGE 10 -
LAYOUT PLAN GARDEN ST - SHEET 2**

STATUS
**TENDER
NOT FOR CONSTRUCTION**

SCALE AT A1 1:500 @ A1	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R401	REVISION B

REFER SHEET R401 FOR CONTINUATION



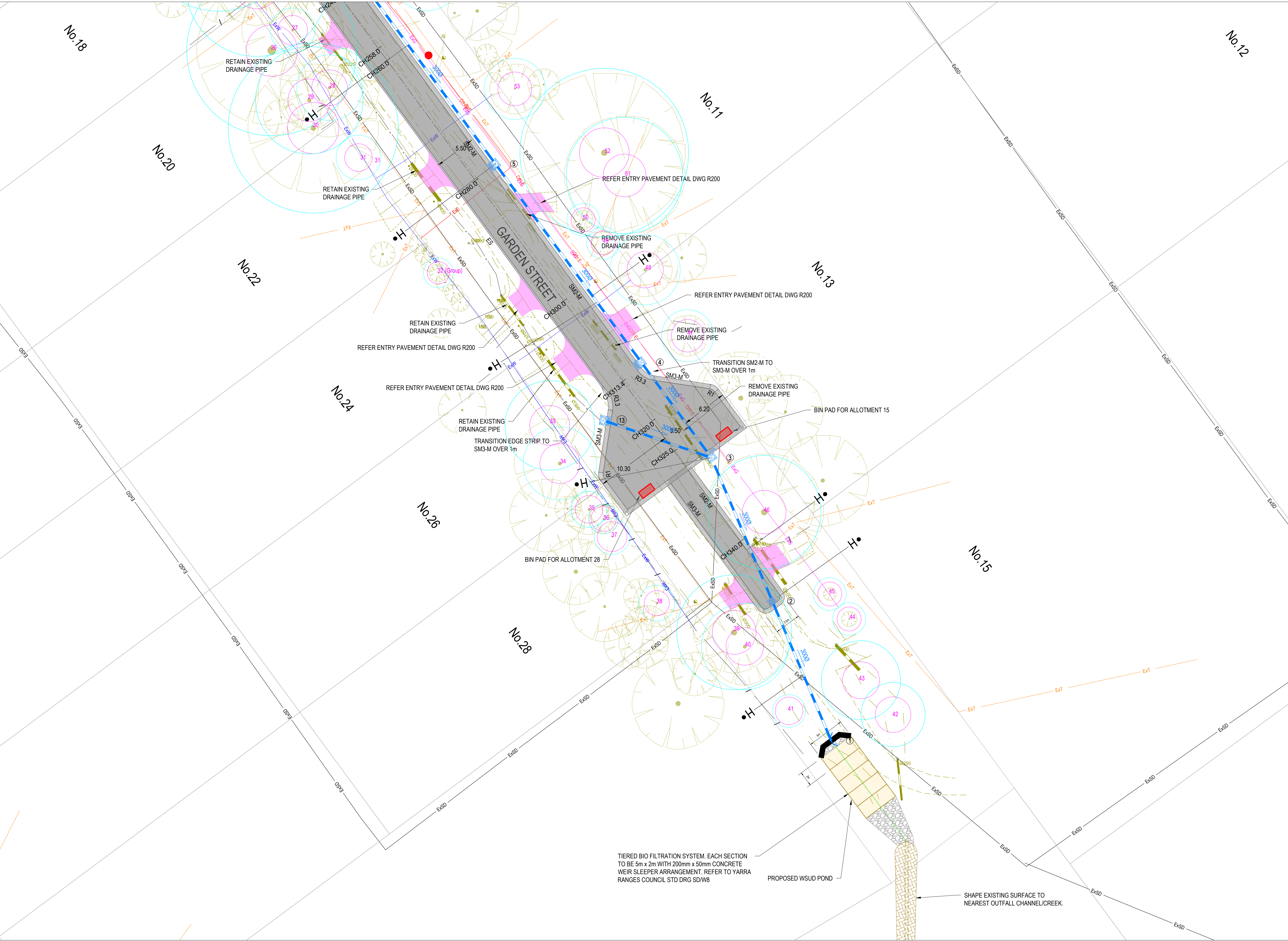
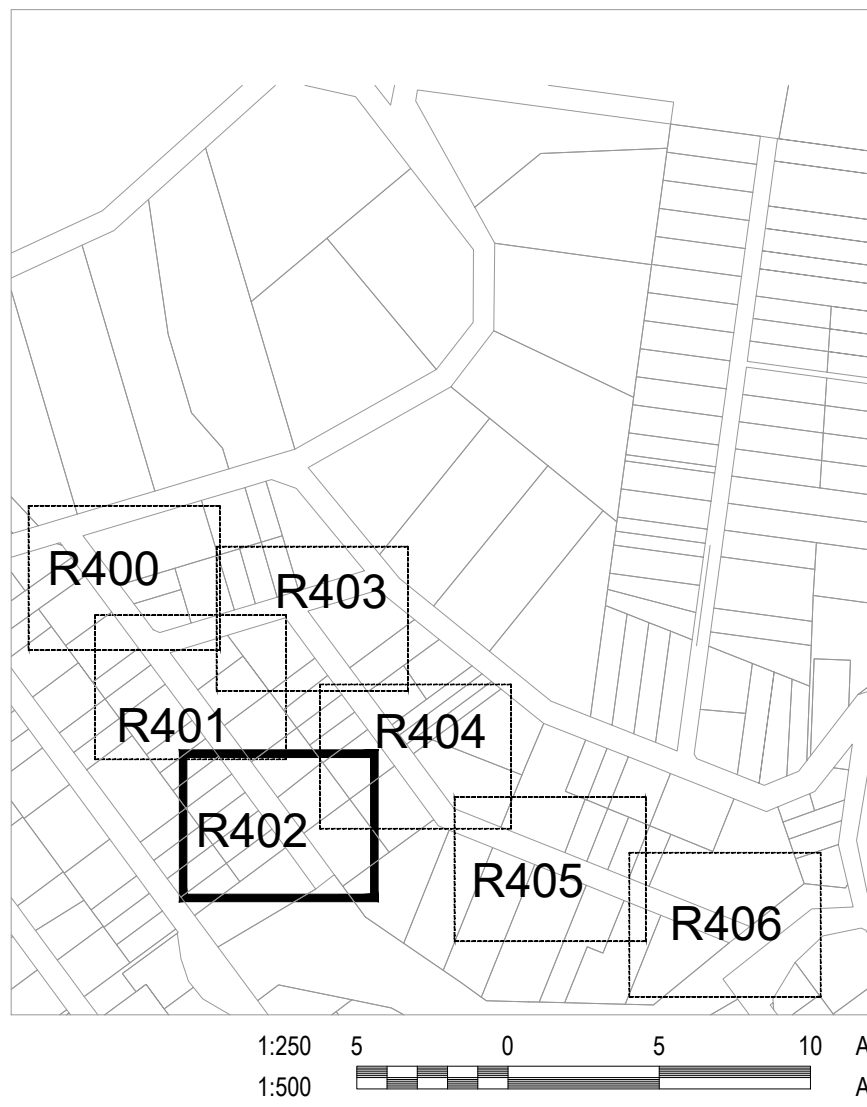
LEGEND - LAYOUT PLAN

- Ex E EXISTING ELECTRICITY (UNDERGROUND)
- OH E EXISTING ELECTRICITY (OVERHEAD)
- Ex G EXISTING GAS
- Ex T EXISTING TELECOM
- Ex W EXISTING WATER
- Ex RW EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- Ex S EXISTING SEWER
- EXISTING SWALE DRAIN
- GRATED SIDE ENTRY PIT
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- GRATED PIT
- DIRECTION OF FALL
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SHEET KEYMAP



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.

CLIENT

PROJECT

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

DRAWING TITLE

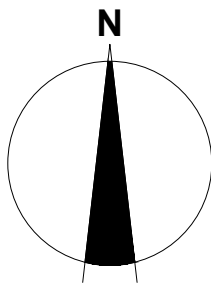
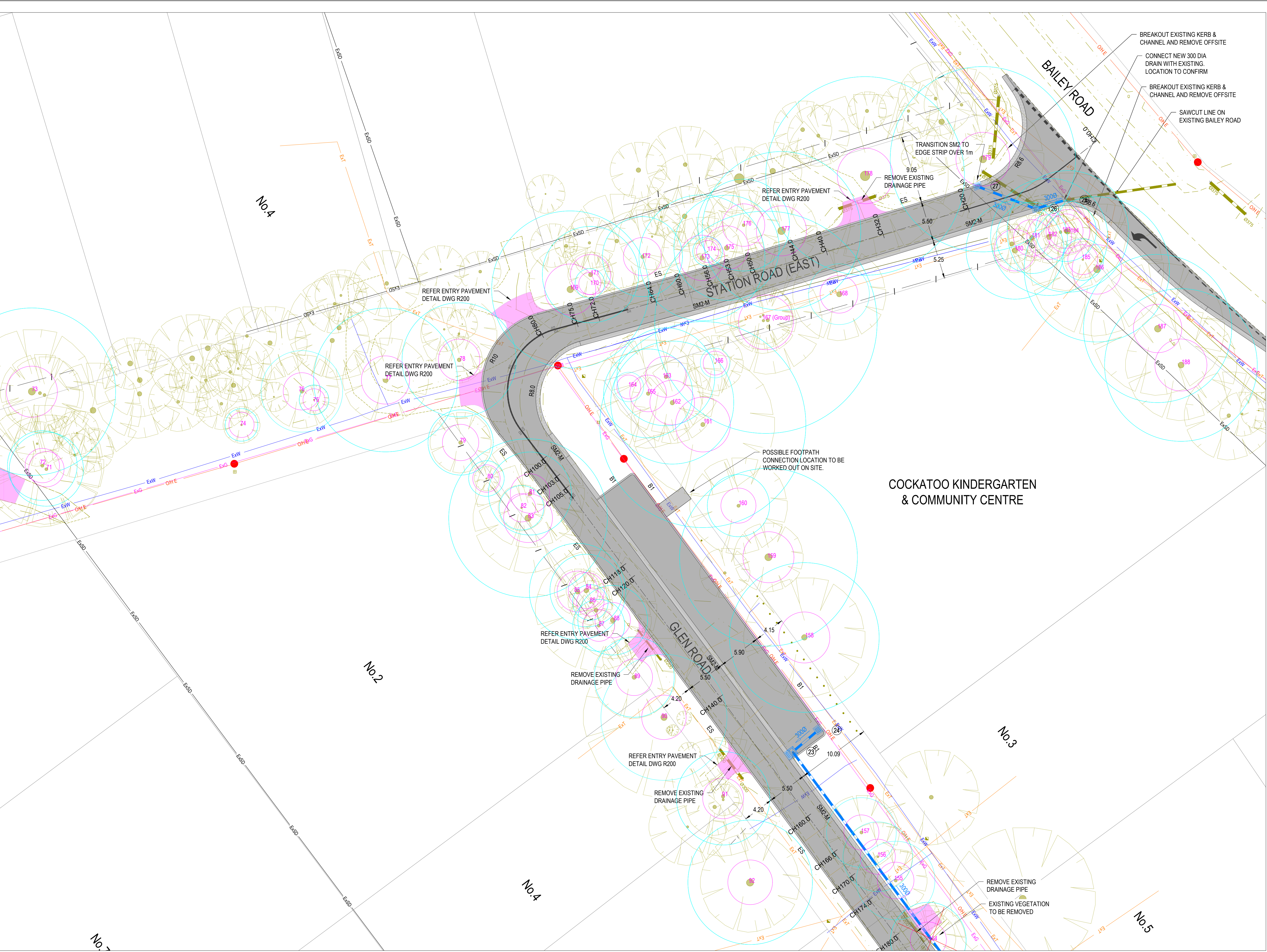
**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

**CARDINIA PACKAGE 10 -
LAYOUT PLAN GARDEN ST - SHEET 3**

STATUS

**TENDER
NOT FOR CONSTRUCTION**

SCALE AT A1 1:500 @ A1	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R402	REVISION B



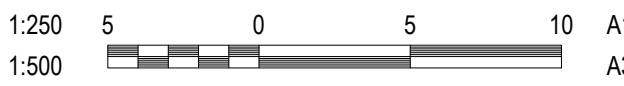
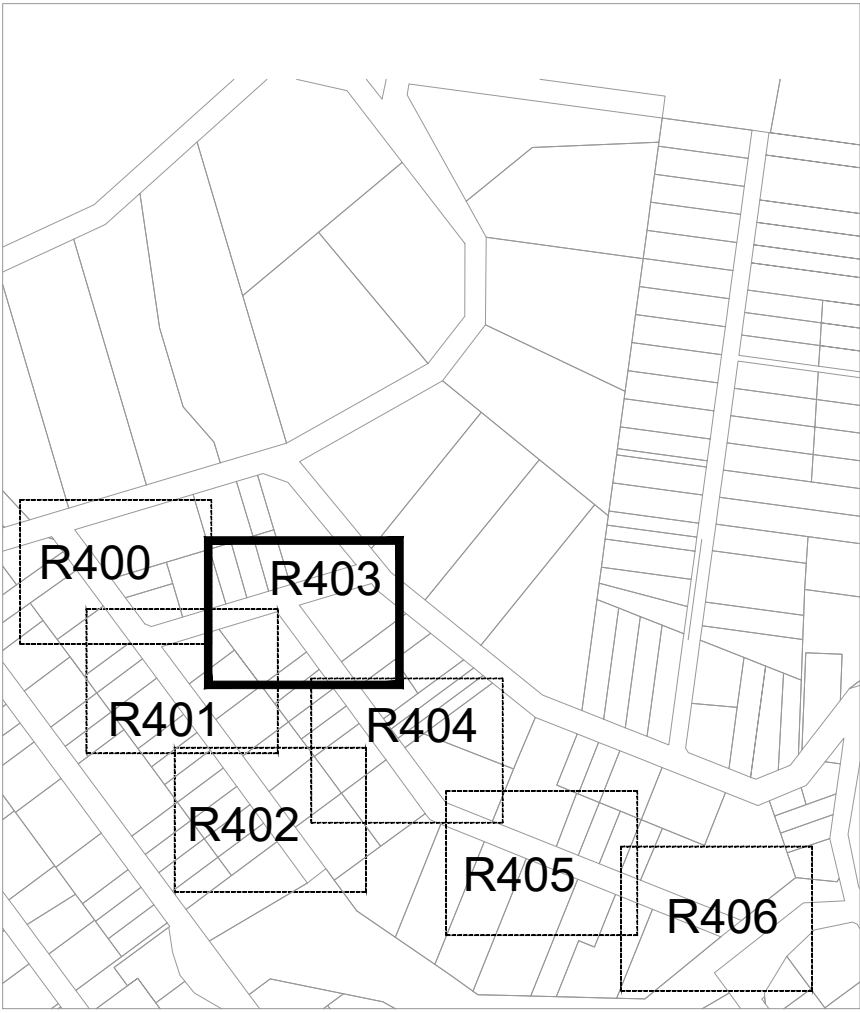
LEGEND - LAYOUT PLAN

- Ex E EXISTING ELECTRICITY (UNDERGROUND)
- OH E EXISTING ELECTRICITY (OVERHEAD)
- Ex G EXISTING GAS
- Ex T EXISTING TELECOM
- Ex W EXISTING WATER
- Ex RW EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- Ex S EXISTING SEWER
- EXISTING SWALE DRAIN
- GRATED SIDE ENTRY PIT
- JUNCTION PIT
- GRATED PIT
- DIRECTION OF FALL
- OVERLAND FLOW
- TPZ NATIVE TREE
- SRZ TREE

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SHEET KEYMAP



REFER SHEET R404 FOR CONTINUATION

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.

Cardinia

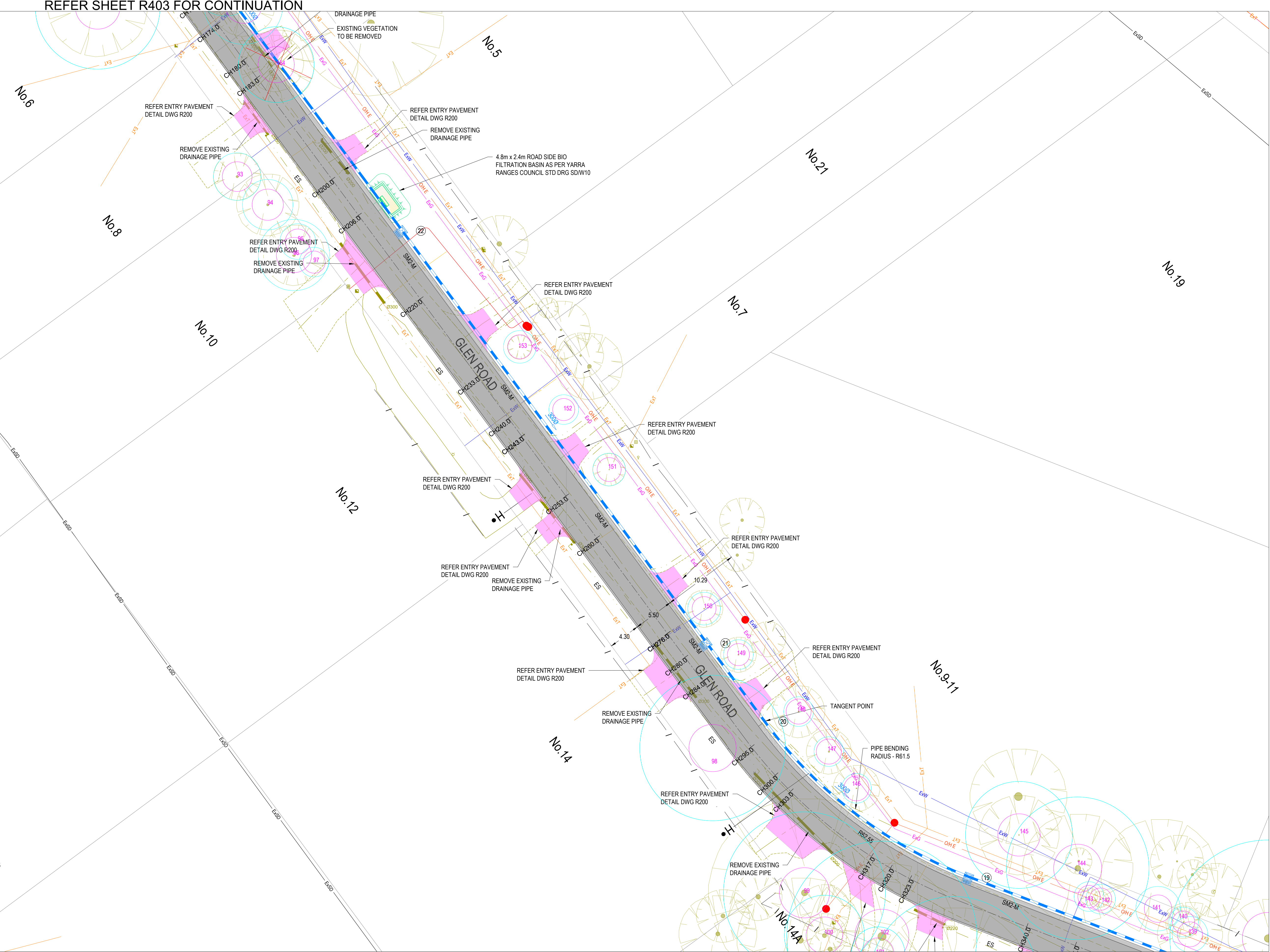
creo
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Suite 1, 2 Bloomsbury Street
Geelong, VIC, Australia 3220

**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

**CARDINIA PACKAGE 10 -
LAYOUT PLAN GLEN RD - SHEET 4**

**TENDER
NOT FOR CONSTRUCTION**

SCALE AT A1 1:500 @ A1	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R403	REVISION B



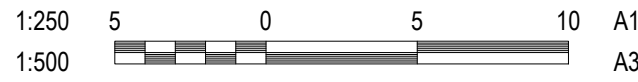
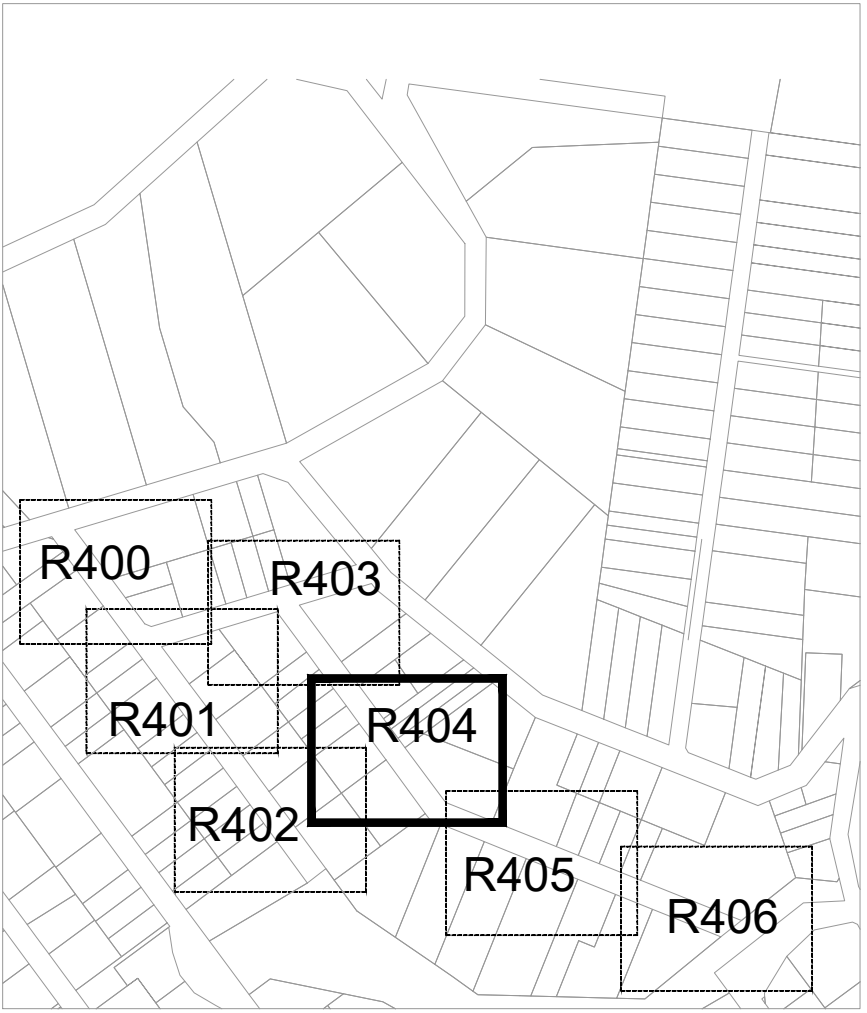
LEGEND - LAYOUT PLAN

- Ex E EXISTING ELECTRICITY (UNDERGROUND)
- Oh E EXISTING ELECTRICITY (OVERHEAD)
- Ex G EXISTING GAS
- Ex T EXISTING TELECOM
- Ex W EXISTING WATER
- Ex RW EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- Ex S EXISTING SEWER
- EXISTING SWALE DRAIN
- GRATED SIDE ENTRY PIT
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SHEET KEYMAP



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



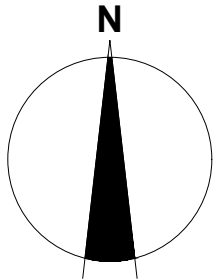
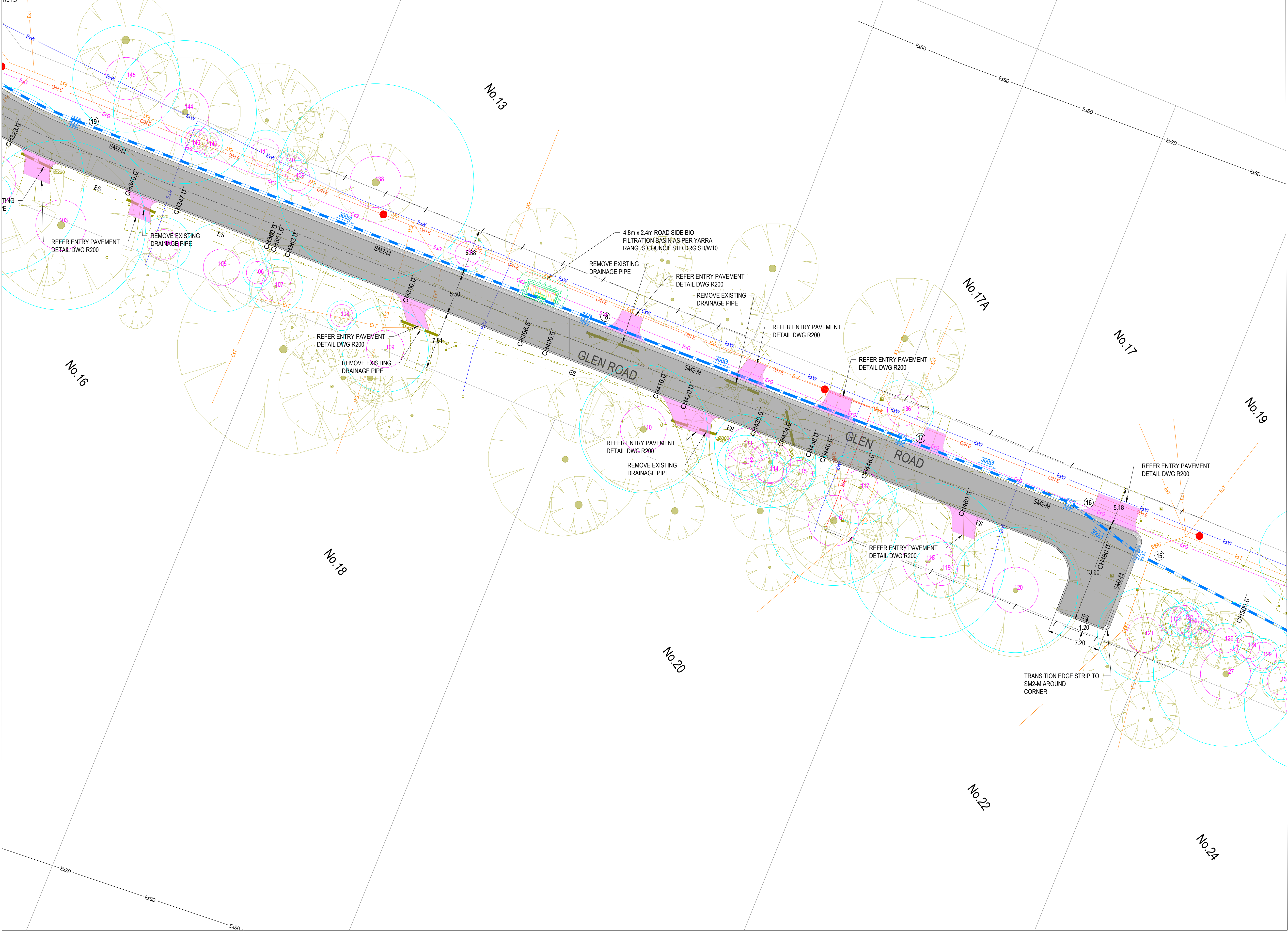
PROJECT
**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

DRAWING TITLE
**CARDINIA PACKAGE 10 -
LAYOUT PLAN GLEN RD - SHEET 5**

STATUS
**TENDER
NOT FOR CONSTRUCTION**

SCALE AT A1 1:500 @ A1	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R404	REVISION B

REFER SHEET R404 FOR CONTINUATION



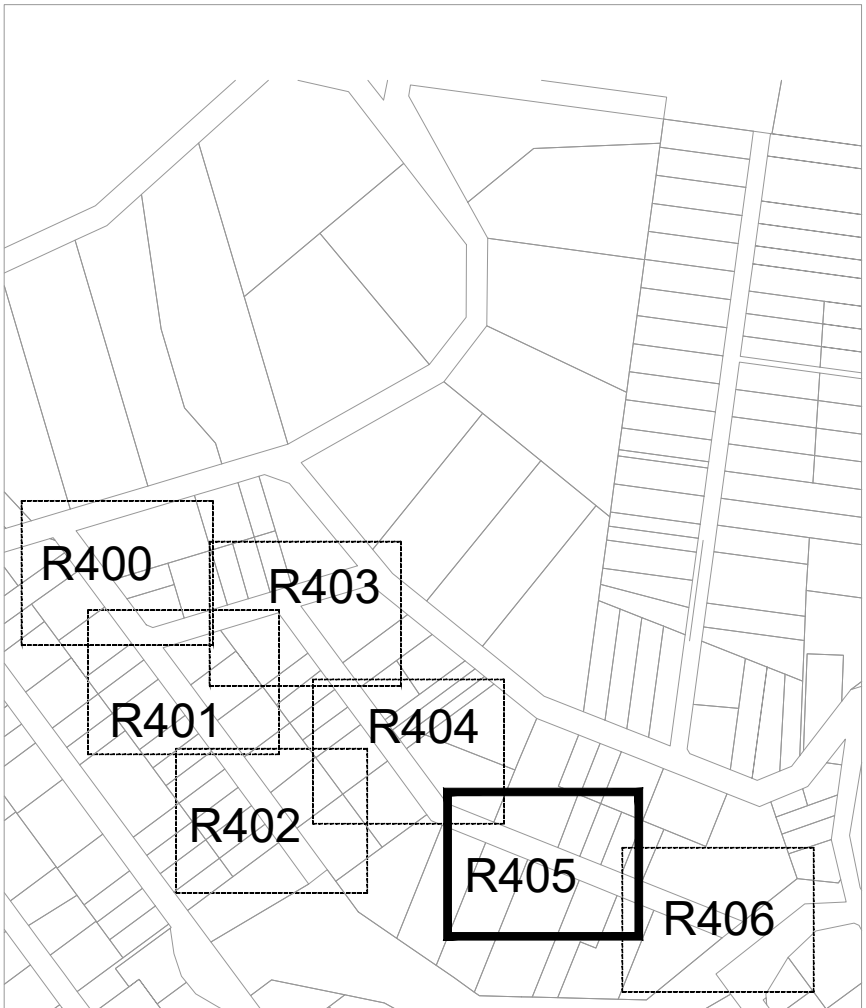
LEGEND - LAYOUT PLAN

- Ex E EXISTING ELECTRICITY (UNDERGROUND)
- Oh E EXISTING ELECTRICITY (OVERHEAD)
- Ex G EXISTING GAS
- Ex T EXISTING TELECOM
- Ex W EXISTING WATER
- Ex RW EXISTING RECYCLED WATER
- Ex S EXISTING STORMWATER DRAIN
- Ex S EXISTING SEWER
- Ex S EXISTING SWALE DRAIN
- Grated Side Entry Pit
- Junction Pit
- Grated Pit
- Direction of Fall
- Overland Flow
- TPZ Native Tree
- SRZ Tree

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SHEET KEYMAP



REFER SHEET R406 FOR CONTINUATION

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



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Geelong, VIC, Australia 3220

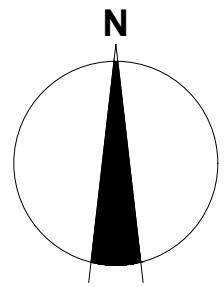
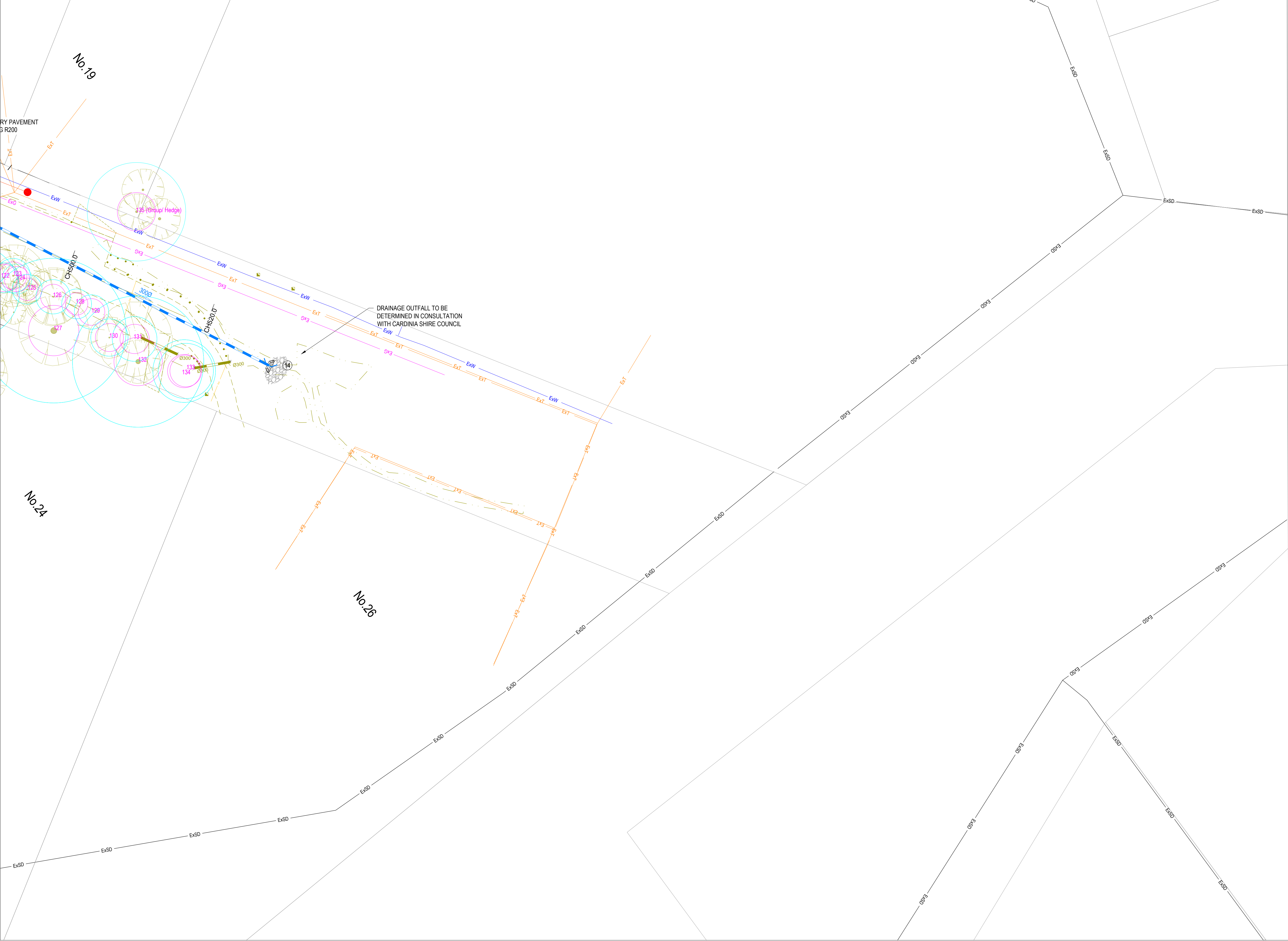
PROJECT
**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

DRAWING TITLE
**CARDINIA PACKAGE 10 -
LAYOUT PLAN GLEN RD - SHEET 6**

STATUS
**TENDER
NOT FOR CONSTRUCTION**

SCALE AT A1 1:500 @ A1	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R405	REVISION B

REFER SHEET R405 FOR CONTINUATION



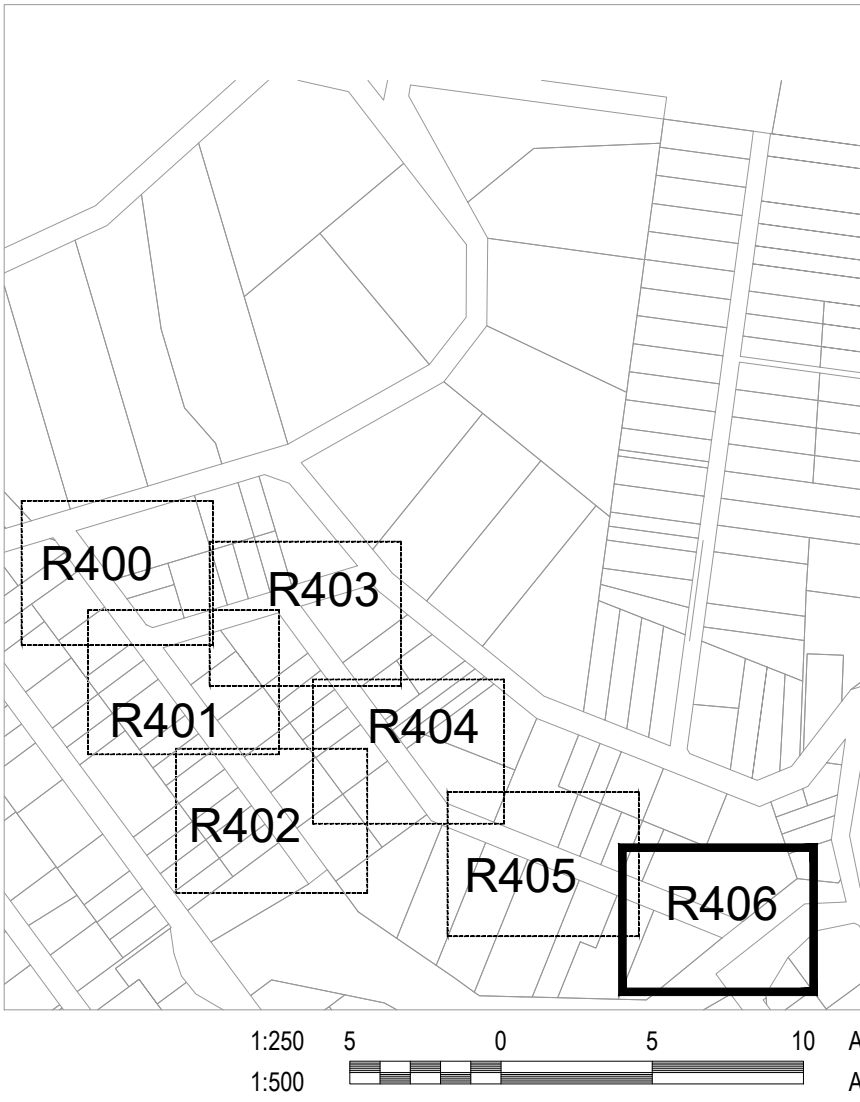
LEGEND - LAYOUT PLAN

- Ex E — EXISTING ELECTRICITY (UNDERGROUND)
- OH E — EXISTING ELECTRICITY (OVERHEAD)
- Ex G — EXISTING GAS
- Ex T — EXISTING TELECOM
- Ex W — EXISTING WATER
- Ex RW — EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
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- Grated Side Entry Pit
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.

Cardinia

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Geelong, VIC, Australia 3220

**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

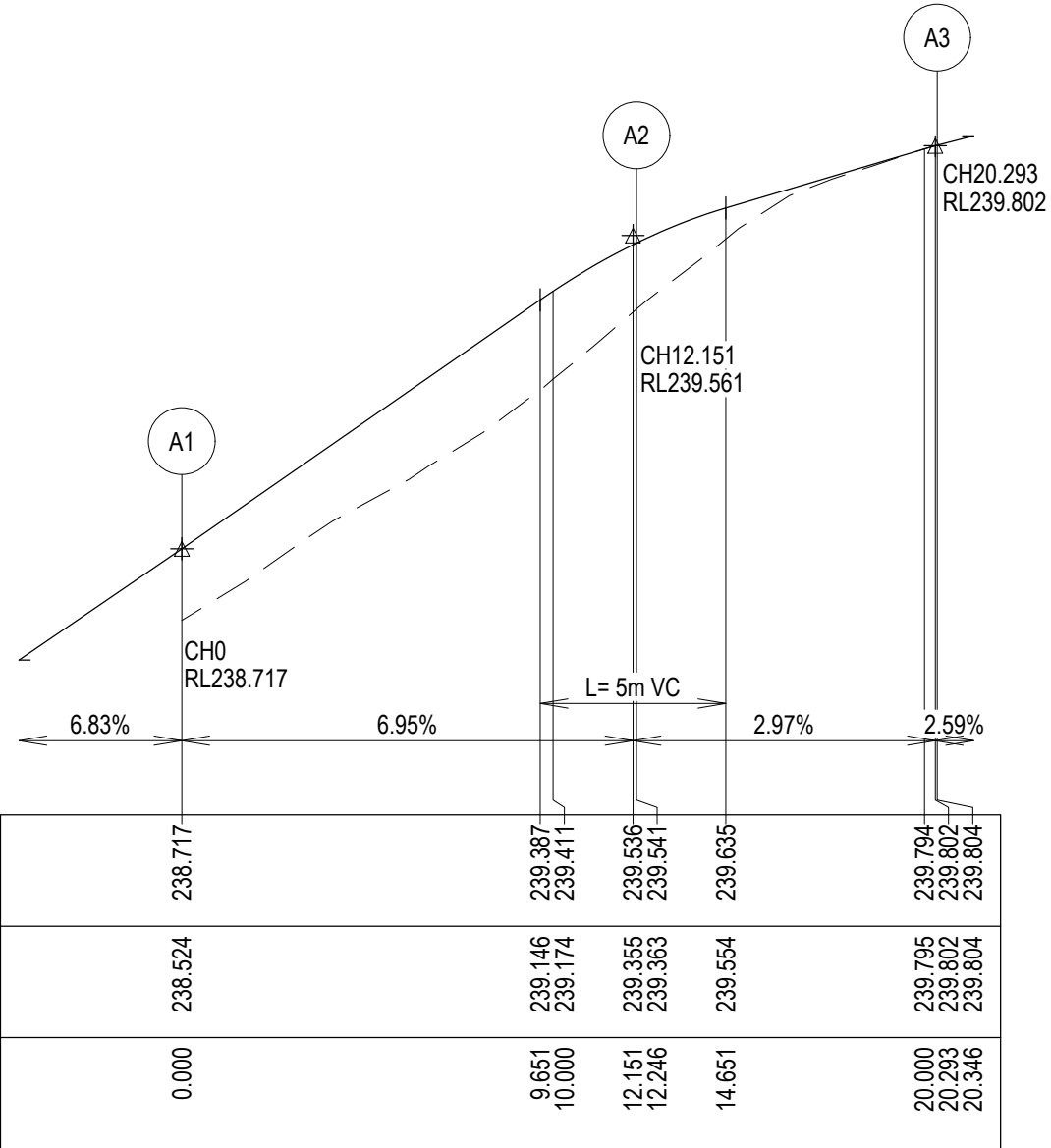
**CARDINIA PACKAGE 10 -
LAYOUT PLAN GLEN RD - SHEET 7**

**TENDER
NOT FOR CONSTRUCTION**

SCALE AT A1 1:500 @ A1	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R406	REVISION B



VERTICAL GEOMETRY
DATUM RL238
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE

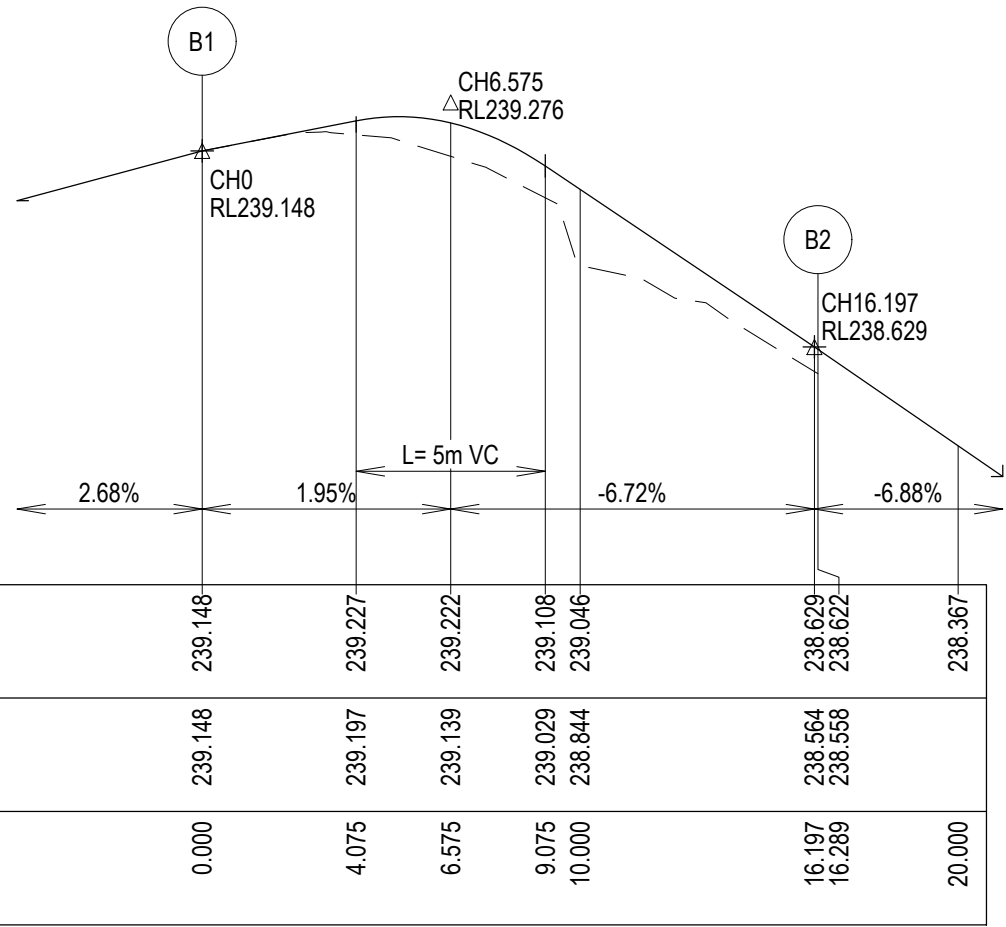


LIP LINE A

POINT NO	EASTING	NORTHING	RL
A1	366526.404	5800377.761	238.717
A2	366517.177	5800385.658	239.541
A3	366509.322	5800386.292	239.804

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
A1 - A2	25.467	27.550	12.246	0.678	0.508	3.055	3.017	3.061	239.142
A2 - A3	46.410	10.000	8.100	0.809	0.605	2.011	1.929	2.025	239.684

VERTICAL GEOMETRY
DATUM RL238
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE



LIP LINE B

POINT NO	EASTING	NORTHING	RL
B1	366534.299	5800394.328	239.148
B2	366530.090	5800381.016	238.623

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
B1 - B2	108.523	8.600	16.289	3.577	2.631	3.922	3.059	4.072	239.163

LEGEND - INTERSECTION PLAN

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

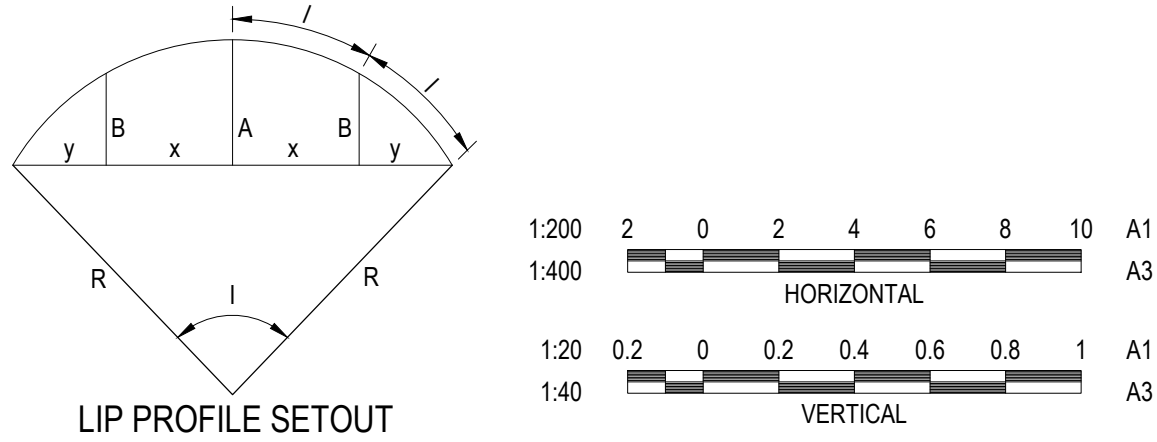
WARNING
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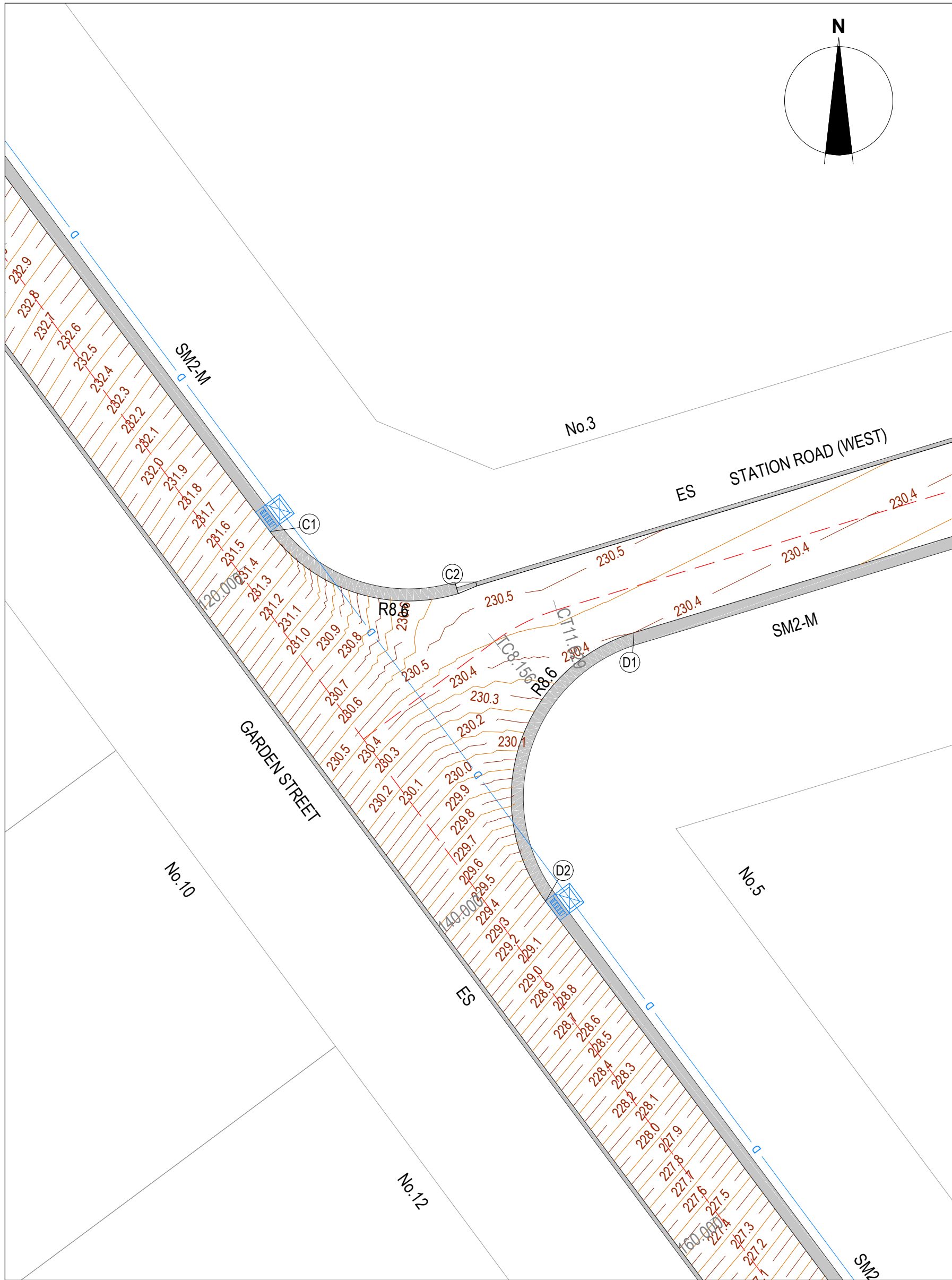
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LEGEND

- EXISTING SURFACE
- DESIGN LINE



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED	
							 Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	CARDINIA PACKAGE 10 - INTERSECTION DETAIL PLAN - 1	TENDER NOT FOR CONSTRUCTION	AS SHOWN	S.DEVGAN	M.RAHMAN
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.								
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.								



LEGEND - INTERSECTION PLAN

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

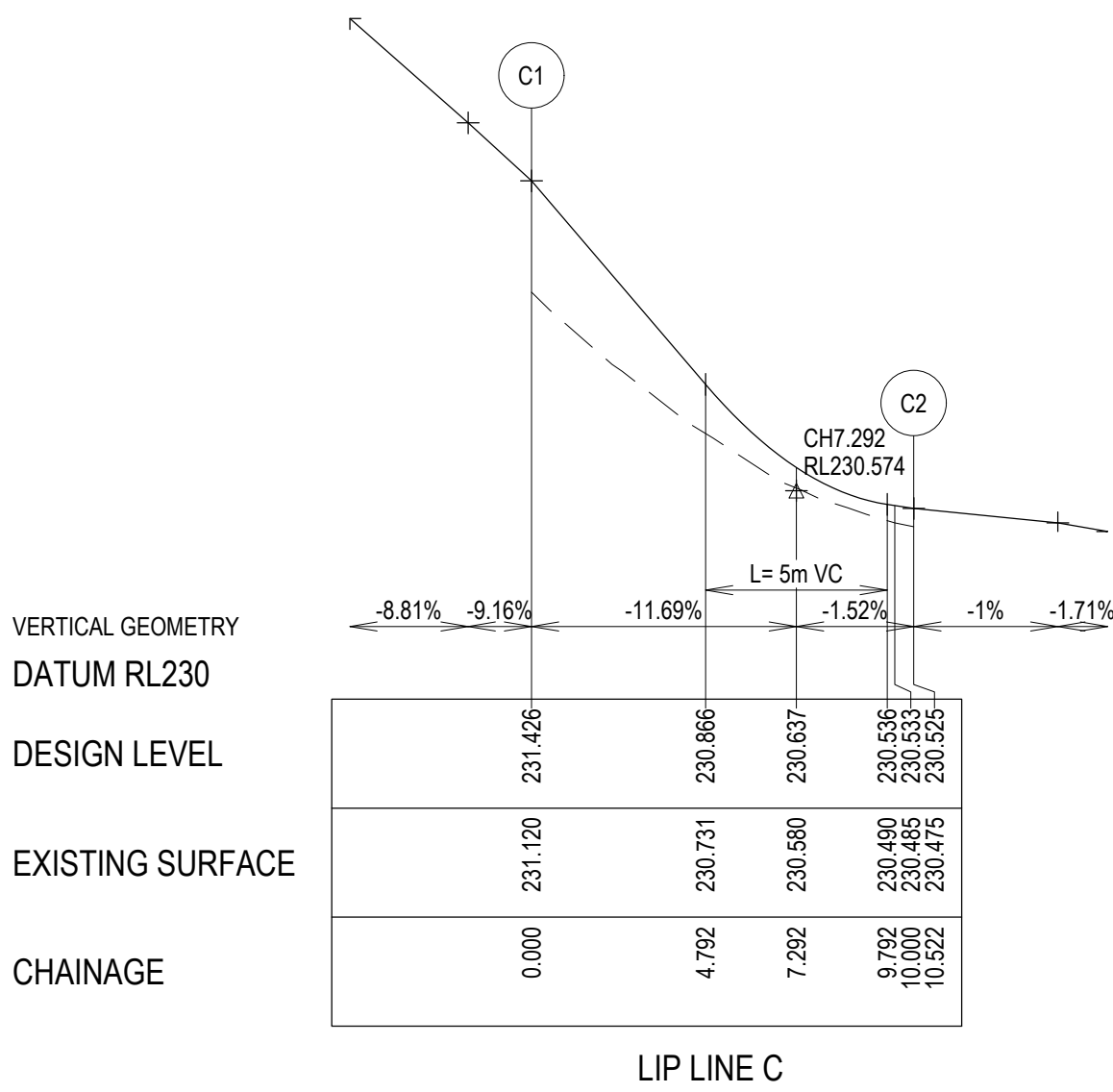
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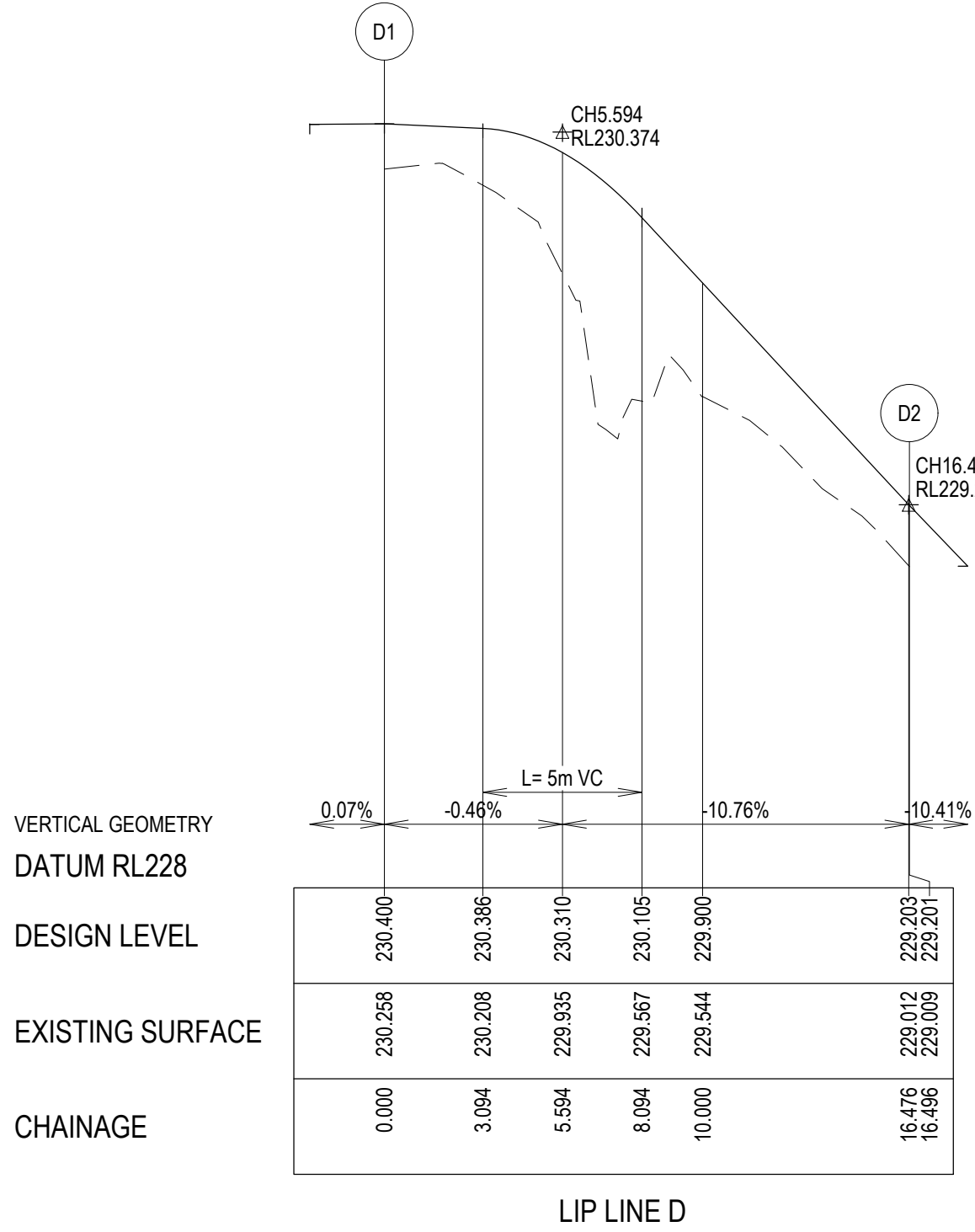
LEGEND

- EXISTING SURFACE
- DESIGN LINE



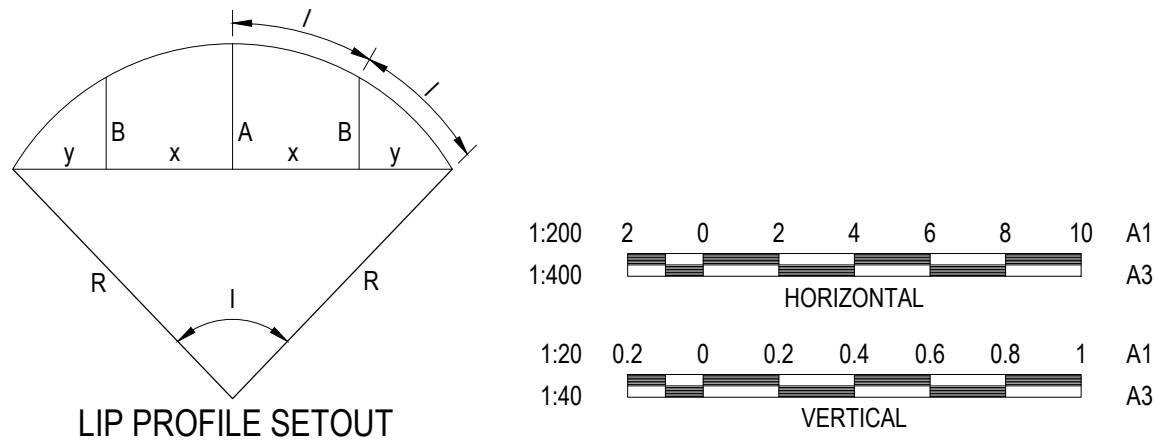
POINT NO	EASTING	NORTHING	RL
C1	366591.928	5800298.091	231.426
C2	366601.310	5800295.000	230.525

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
C1 - C2	70.099	8.600	10.522	1.560	1.160	2.590	2.349	2.630	230.814



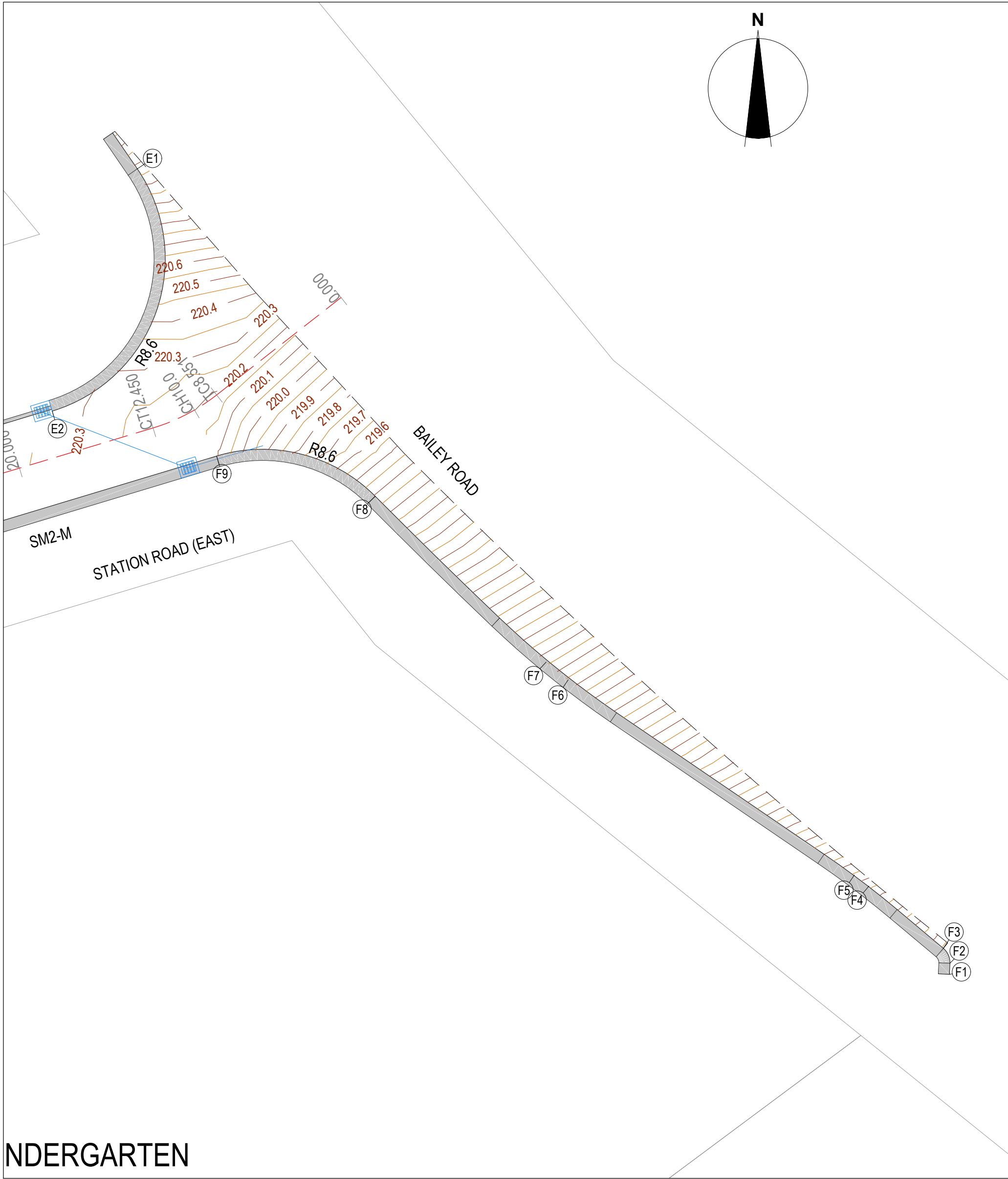
POINT NO	EASTING	NORTHING	RL
D1	366610.068	5800293.049	230.400
D2	366605.661	5800279.676	229.201

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
D1 - D2	109.901	8.600	16.496	3.661	2.691	3.968	3.073	4.124	230.089



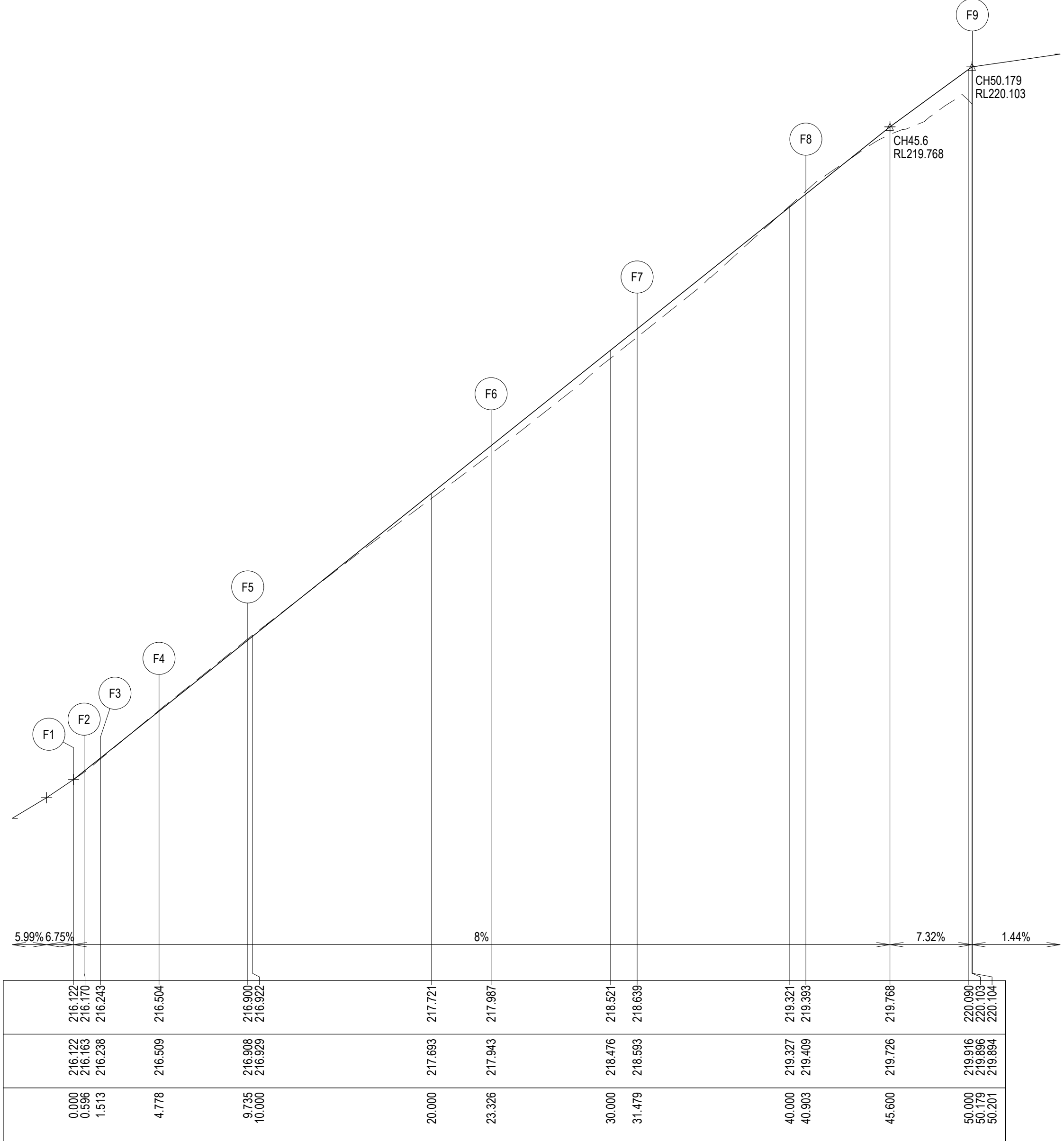
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
							 Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	TENDER NOT FOR CONSTRUCTION	AS SHOWN	S.DEVGAN	M.RAHMAN
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.							
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.							

PROJECT No.	DRAWING No.	REVISION
210152	R501	B



NDERGARTEN

VERTICAL GEOMETRY
DATUM RL215
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE



LIP LINE F

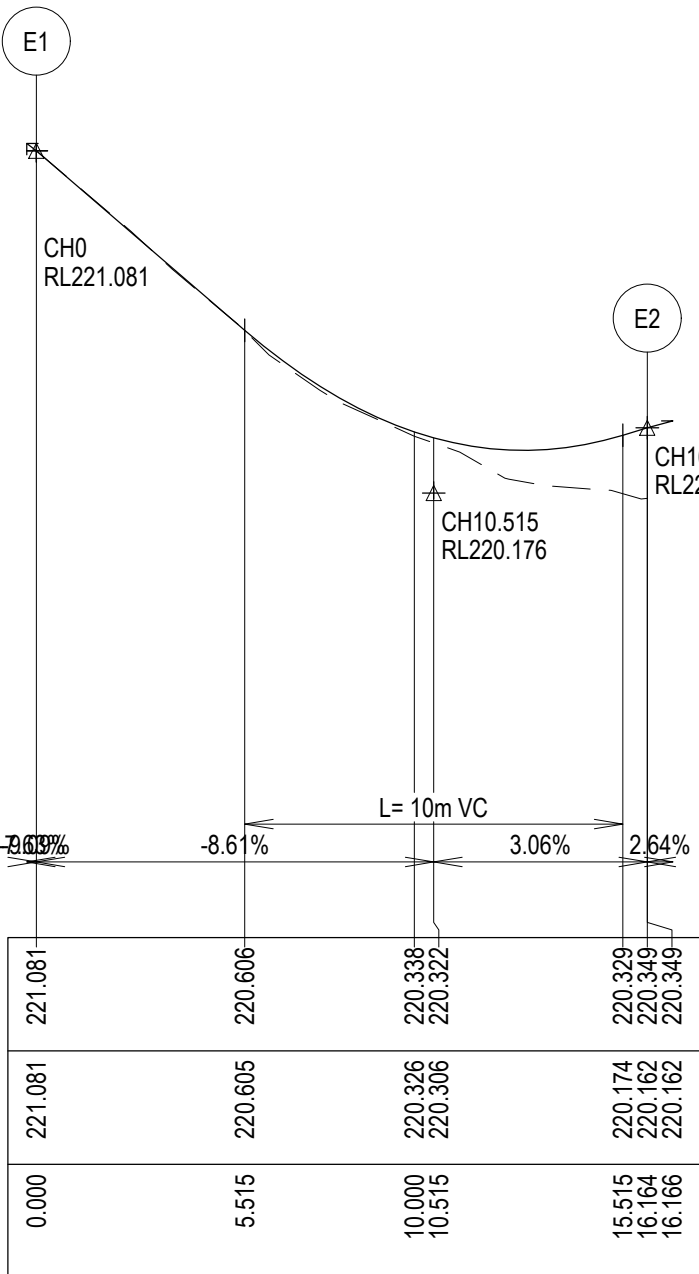
POINT NO	EASTING	NORTHING	RL
F1	366834.011	5800315.960	216.122
F2	366834.037	5800316.555	216.170
F3	366833.680	5800317.366	216.243
F4	366831.178	5800319.463	216.504
F5	366827.228	5800322.454	216.900
F6	366815.999	5800330.111	217.987
F7	366809.667	5800335.232	218.639
F8	366802.934	5800341.825	219.393
F9	366794.352	5800343.996	220.104

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
F2 - F3	52.568	1.000	0.917	0.103	0.077	0.227	0.215	0.229	216.206
F4 - F5	5.680	50.000	4.957	0.061	0.046	1.239	1.238	1.239	216.702
F6 - F7	9.342	50.000	8.153	0.166	0.125	2.038	2.034	2.038	218.313
F7 - F8	1.532	352.450	9.424	0.031	0.024	2.356	2.356	2.356	219.016
F8 - F9	61.945	8.600	9.298	1.226	0.914	2.296	2.130	2.324	219.764

LEGEND - INTERSECTION PLAN	
	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAJOR CONTOUR - 0.1m
	MINOR CONTOUR - 0.05m
	GRADE LINE

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

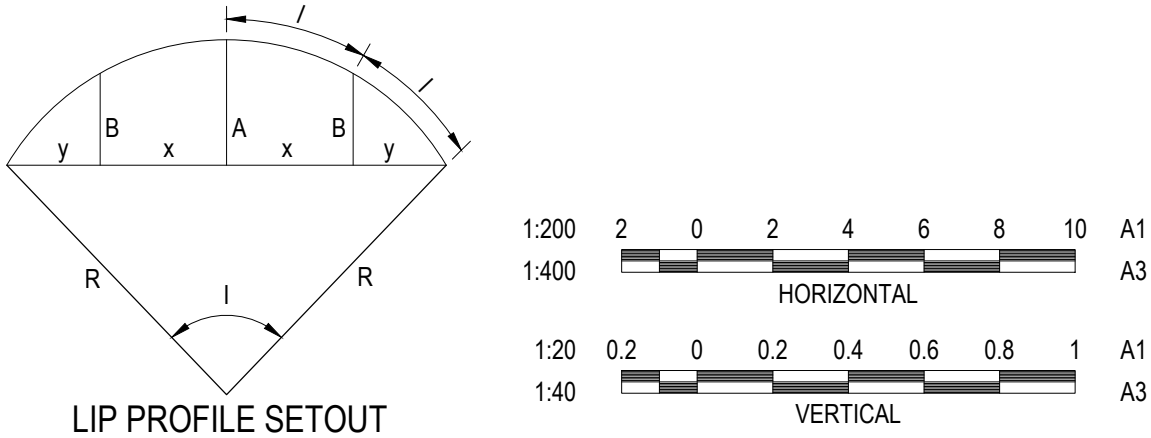
LEGEND	
	EXISTING SURFACE
	DESIGN LINE



LIP LINE E

POINT NO	EASTING	NORTHING	RL
E1	366790.062	5800359.534	221.081
E2	366785.456	5800346.431	220.349

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
E1 - E2	107.703	8.600	16.166	3.527	2.595	3.894	3.050	4.042	220.424



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.

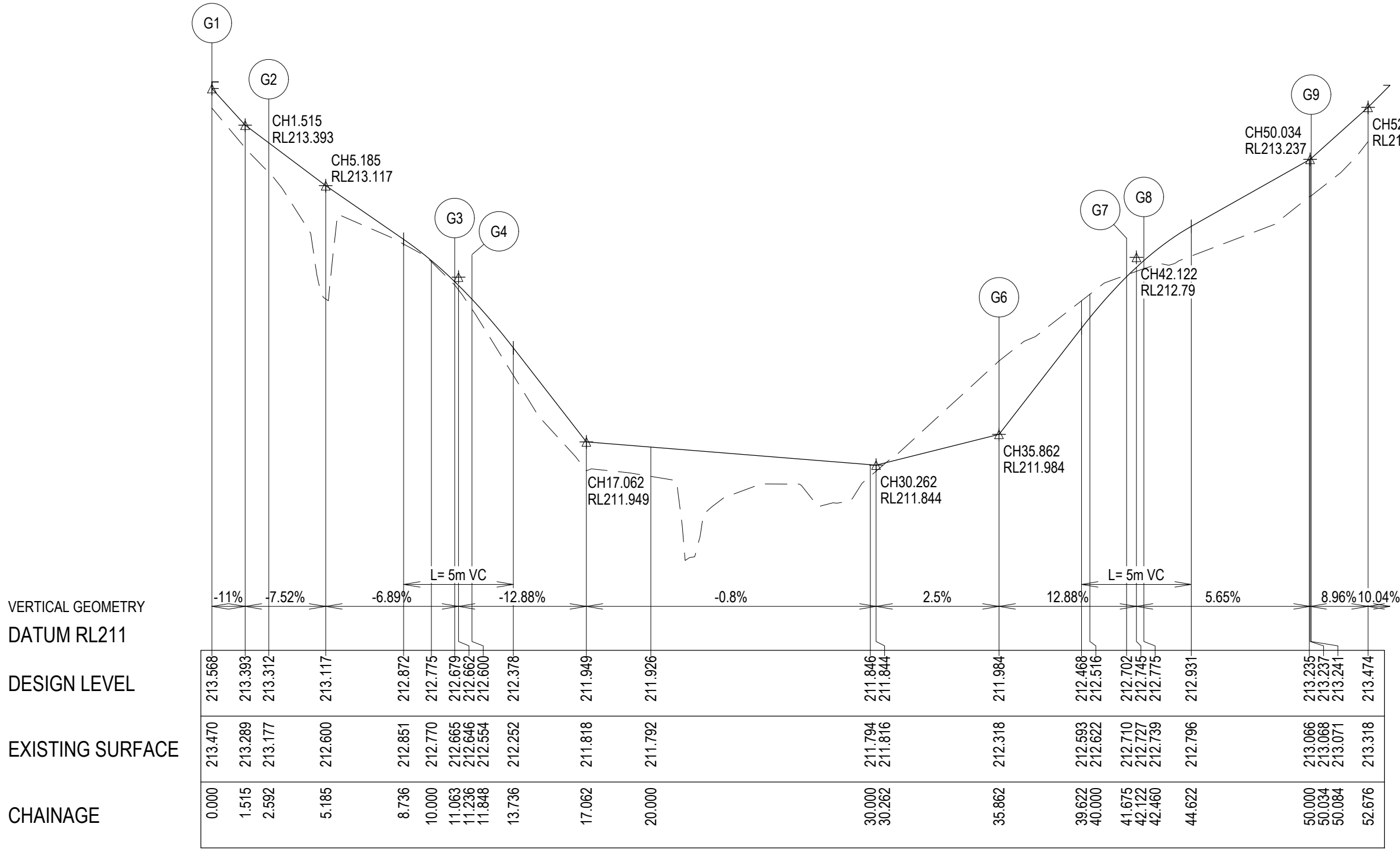
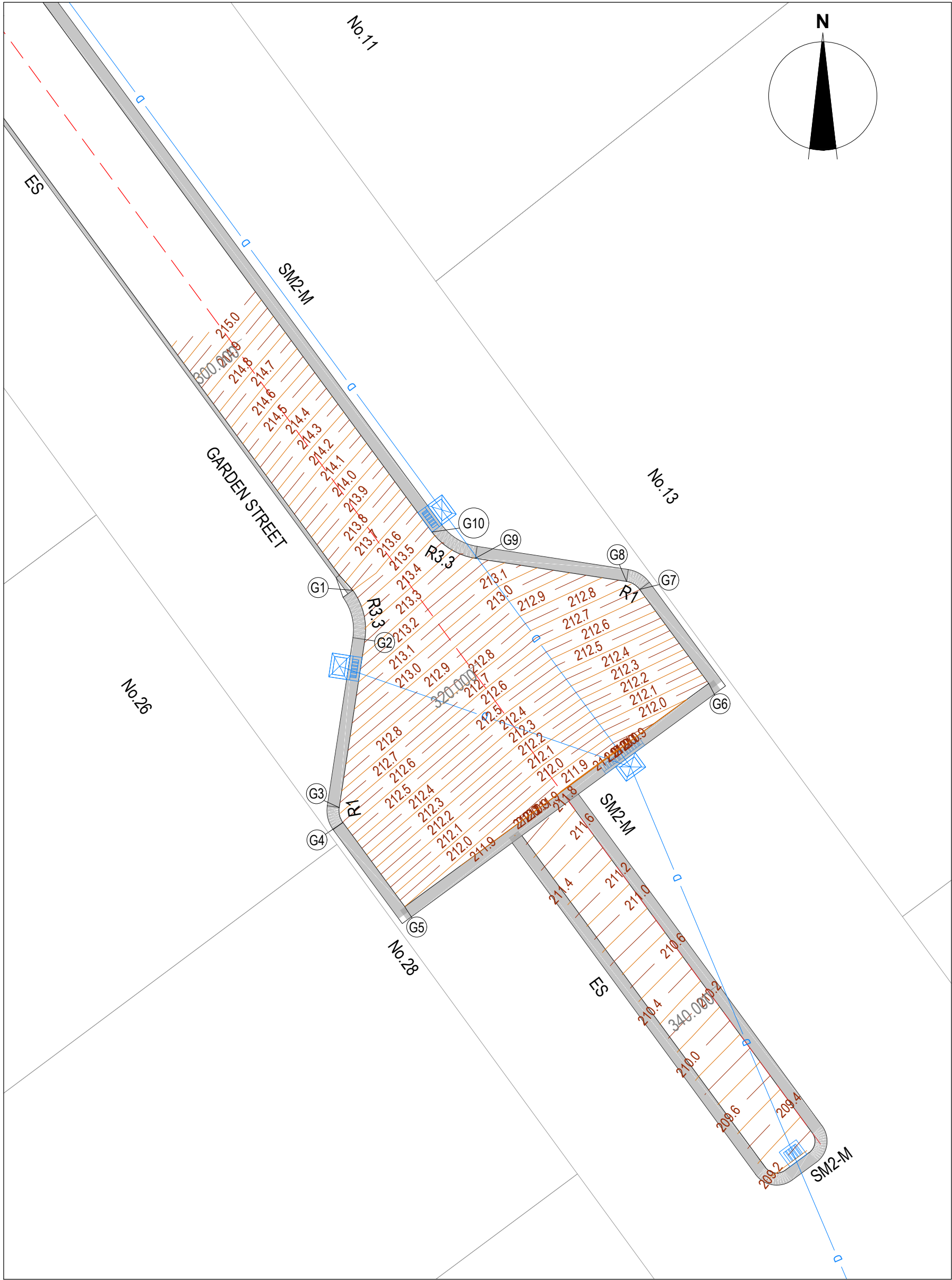


PROJECT
**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

DRAWING TITLE
**CARDINIA PACKAGE 10 -
INTERSECTION DETAIL PLAN - 3**

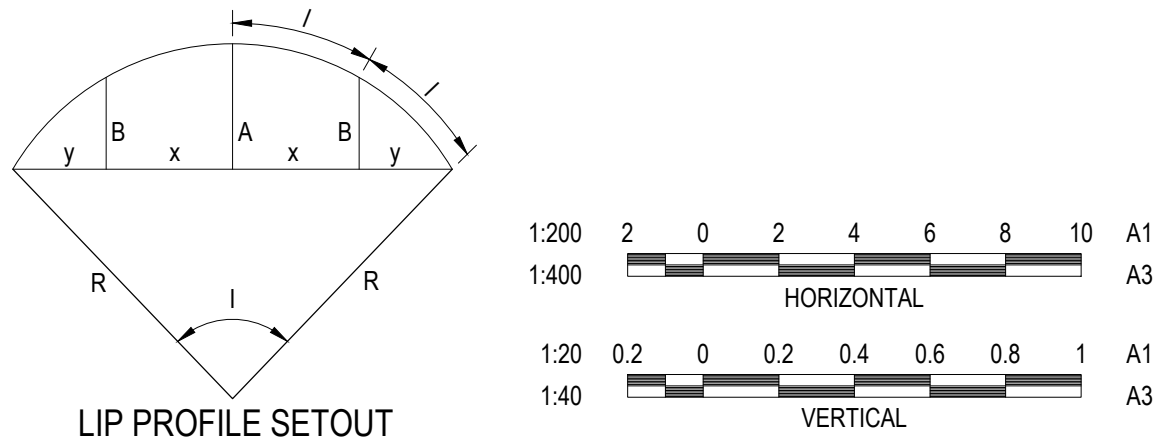
STATUS
**TENDER
NOT FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	S.DEVGAN	M.RAHMAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	T.PALIOS	SEP 2021
PROJECT No.	DRAWING No.	REVISION
210152	R502	B

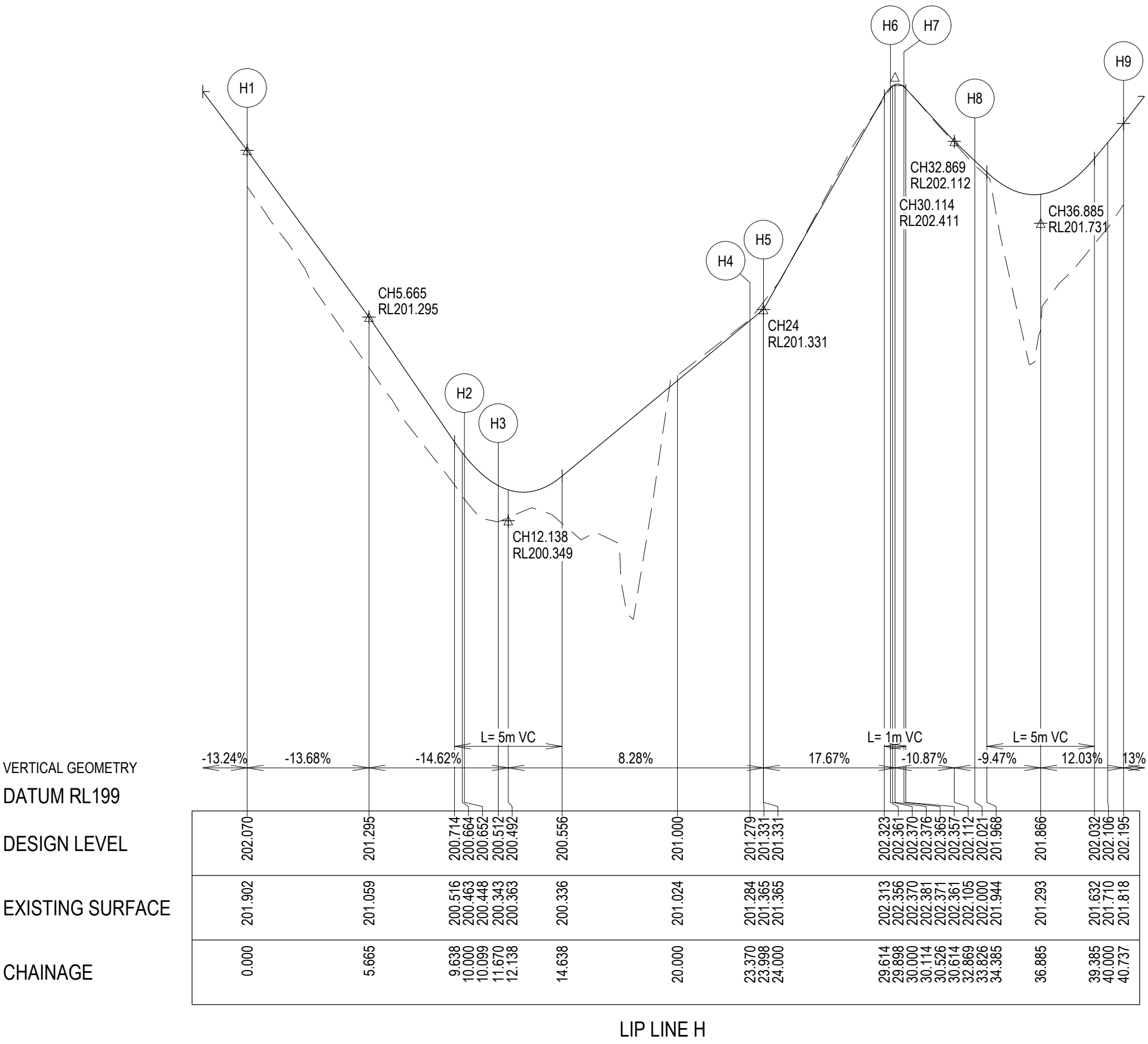


POINT NO	EASTING	NORTHING	RL
G1	366703.482	5800139.296	213.568
G2	366704.084	5800136.844	213.312
G3	366702.804	5800128.470	212.679
G4	366702.986	5800127.726	212.600
G5	366706.074	5800123.525	211.949
G6	366721.224	5800134.656	211.984
G7	366717.782	5800139.341	212.702
G8	366717.127	5800139.737	212.775
G9	366709.591	5800140.889	213.241
G10	366707.430	5800142.198	213.474

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
G1 - G2	45.000	3.300	2.592	0.251	0.188	0.644	0.619	0.648	213.417
G3 - G4	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	212.640
G7 - G8	45.000	1.000	0.785	0.076	0.057	0.195	0.188	0.196	212.740
G9 - G10	45.000	3.300	2.592	0.251	0.188	0.644	0.619	0.648	213.357

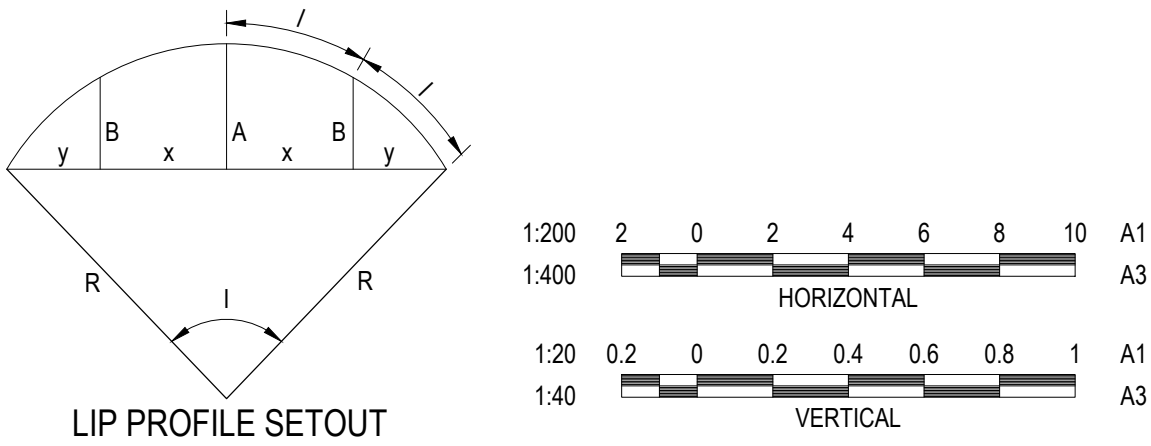


REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
							 Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	TENDER NOT FOR CONSTRUCTION	AS SHOWN	S.DEVGAN	M.RAHMAN
					PROJECT ENGINEER					PROJECT MANAGER	DATE FIRST ISSUE	
					M.TROUNCE					T.PALIOS	SEP 2021	
					PROJECT No.					DRAWING No.	REVISION	
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.					210152	R503	B
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.							



POINT NO	EASTING	NORTHING	RL
H1	367004.055	5800083.285	202.070
H2	367013.483	5800079.664	200.652
H3	367014.057	5800078.372	200.512
H4	367009.862	5800067.450	201.279
H5	367009.345	5800067.220	201.331
H6	367003.838	5800069.335	202.361
H7	367003.608	5800069.852	202.365
H8	367004.791	5800072.933	202.021
H9	367002.262	5800078.618	202.195

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
H2 - H3	90.000	1.000	1.571	0.293	0.217	0.383	0.324	0.393	200.568
H4 - H5	90.000	0.400	0.628	0.117	0.087	0.153	0.130	0.157	201.305
H6 - H7	90.000	0.400	0.628	0.117	0.087	0.153	0.130	0.157	202.377
H8 - H9	90.000	4.400	6.912	1.289	0.954	1.684	1.427	1.728	201.874



LEGEND - INTERSECTION PLAN

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

WARNING

BEWARE OF UNDERGROUND & OVERHEAD SERVICES

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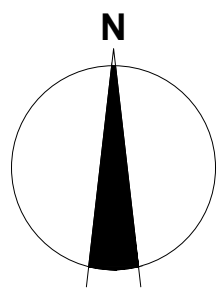
DIAL 1100 BEFORE YOU DIG

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LEGEND

- EXISTING SURFACE
- DESIGN LINE

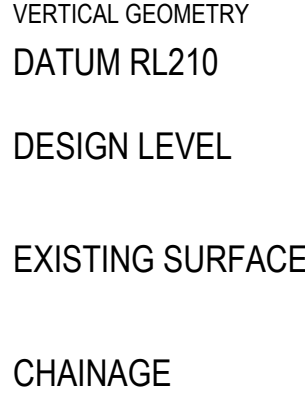
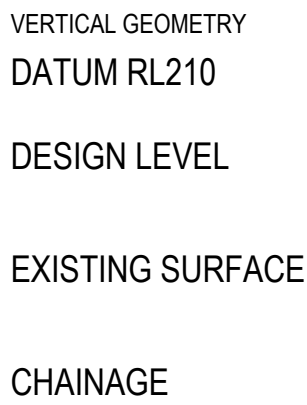
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED	
							 Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	CARDINIA PACKAGE 10 - INTERSECTION DETAIL PLAN - 5	TENDER NOT FOR CONSTRUCTION	AS SHOWN	S.DEVGAN	M.RAHMAN
												DATE FIRST ISSUE	
												SEP 2021	
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.								
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.								



Cardinia



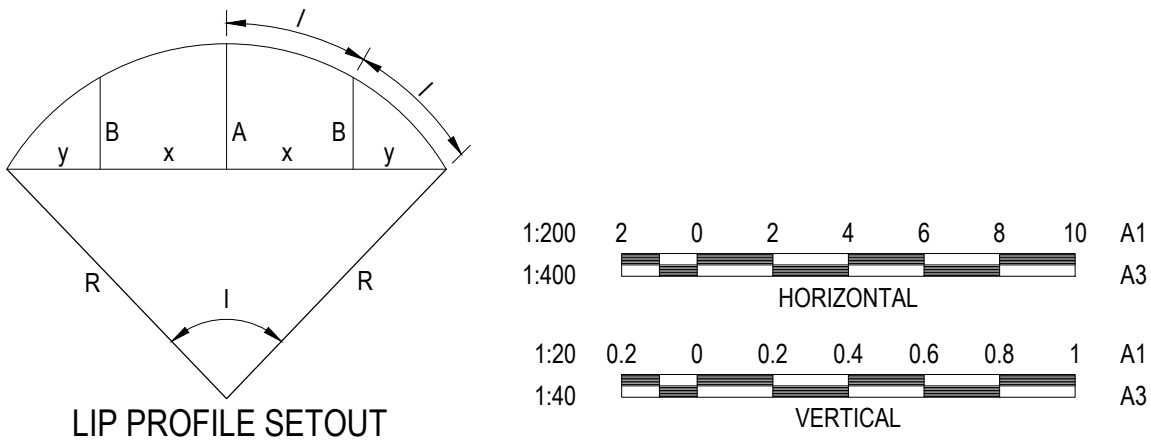
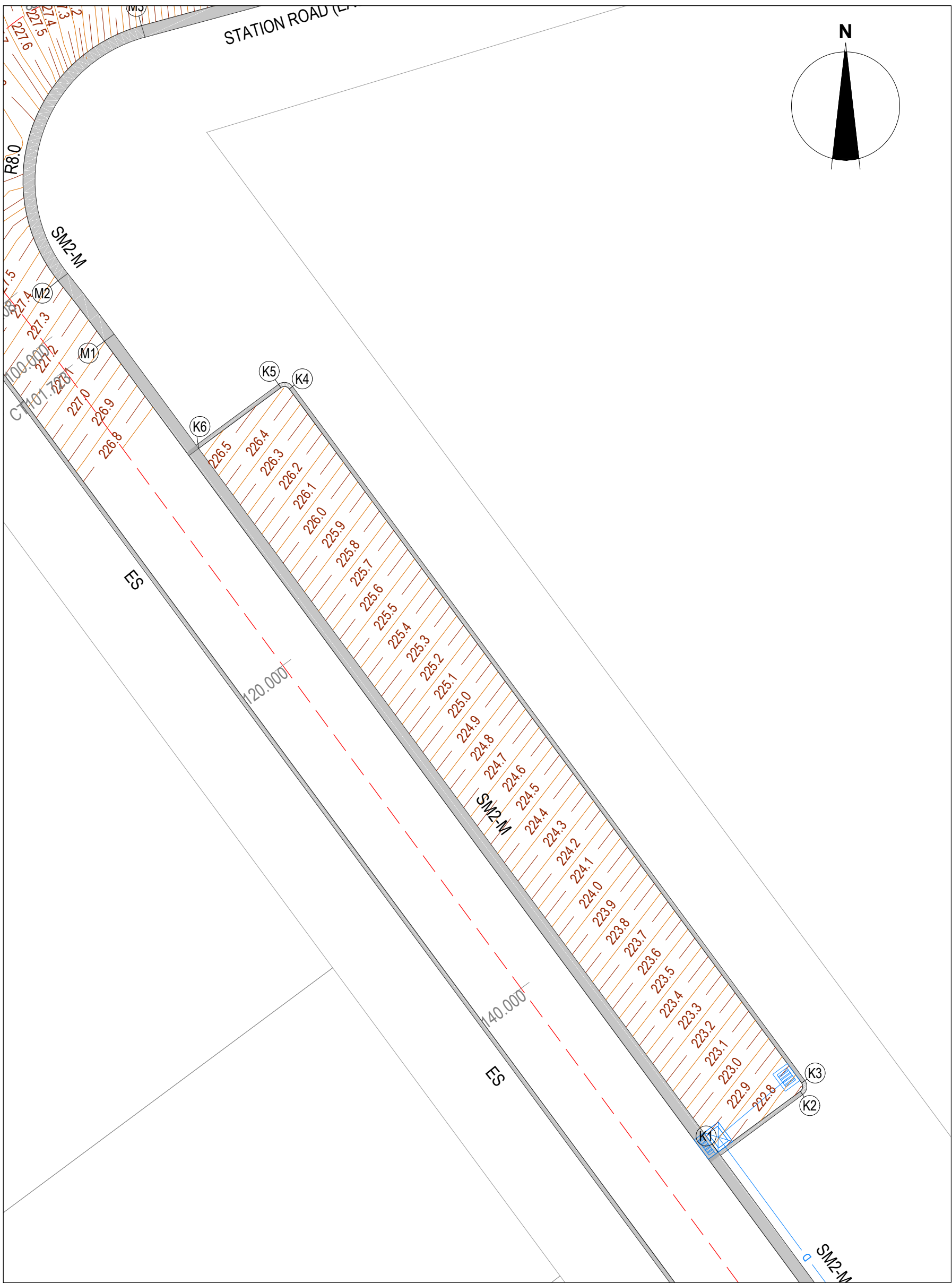
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
I1 - I2	32.541	62.550	35.525	2.505	1.876	8.851	8.673	8.881	211.308



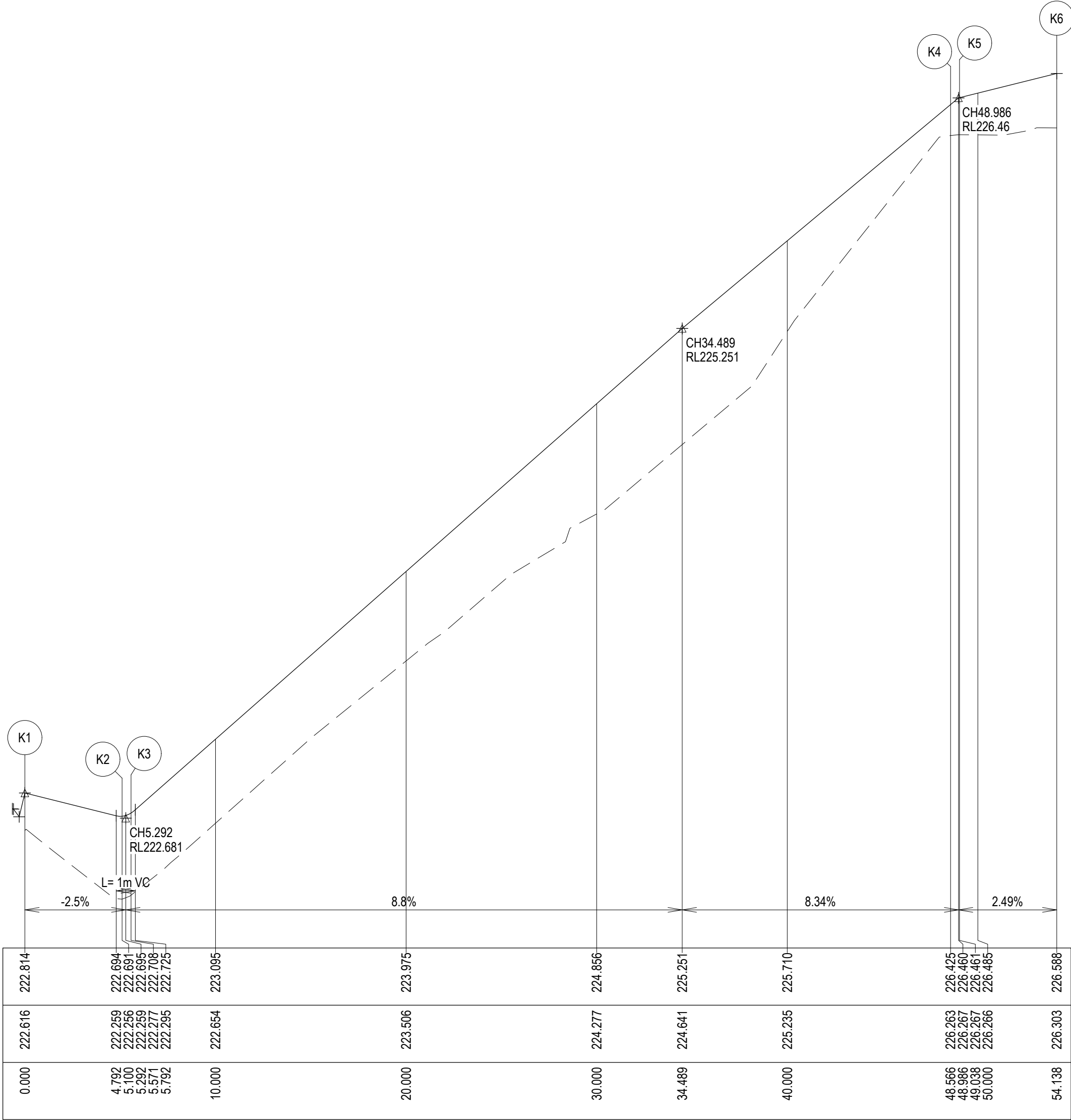
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
J1 - J2	32.541	67.550	38.364	2.705	2.026	9.559	9.367	9.591	211.442

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www.1100.com.au

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	S.DEVGAN	M.RAHMAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	T.PALIOS	SEP 2021
PROJECT No.	DRAWING No.	REVISION
210152	R505	B



VERTICAL GEOMETRY
DATUM RL222
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE



POINT NO	EASTING	NORTHING	RL
K1	366759.969	5800269.318	222.814
K2	366764.072	5800272.347	222.691
K3	366764.135	5800272.767	222.708
K4	366738.593	5800307.353	226.425
K5	366738.174	5800307.416	226.461
K6	366734.071	5800304.386	226.588

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
K2 - K3	90.000	0.300	0.471	0.088	0.065	0.115	0.097	0.118	222.697
K4 - K5	90.001	0.300	0.471	0.088	0.065	0.115	0.097	0.118	226.445

LEGEND - INTERSECTION PLAN

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

WARNING

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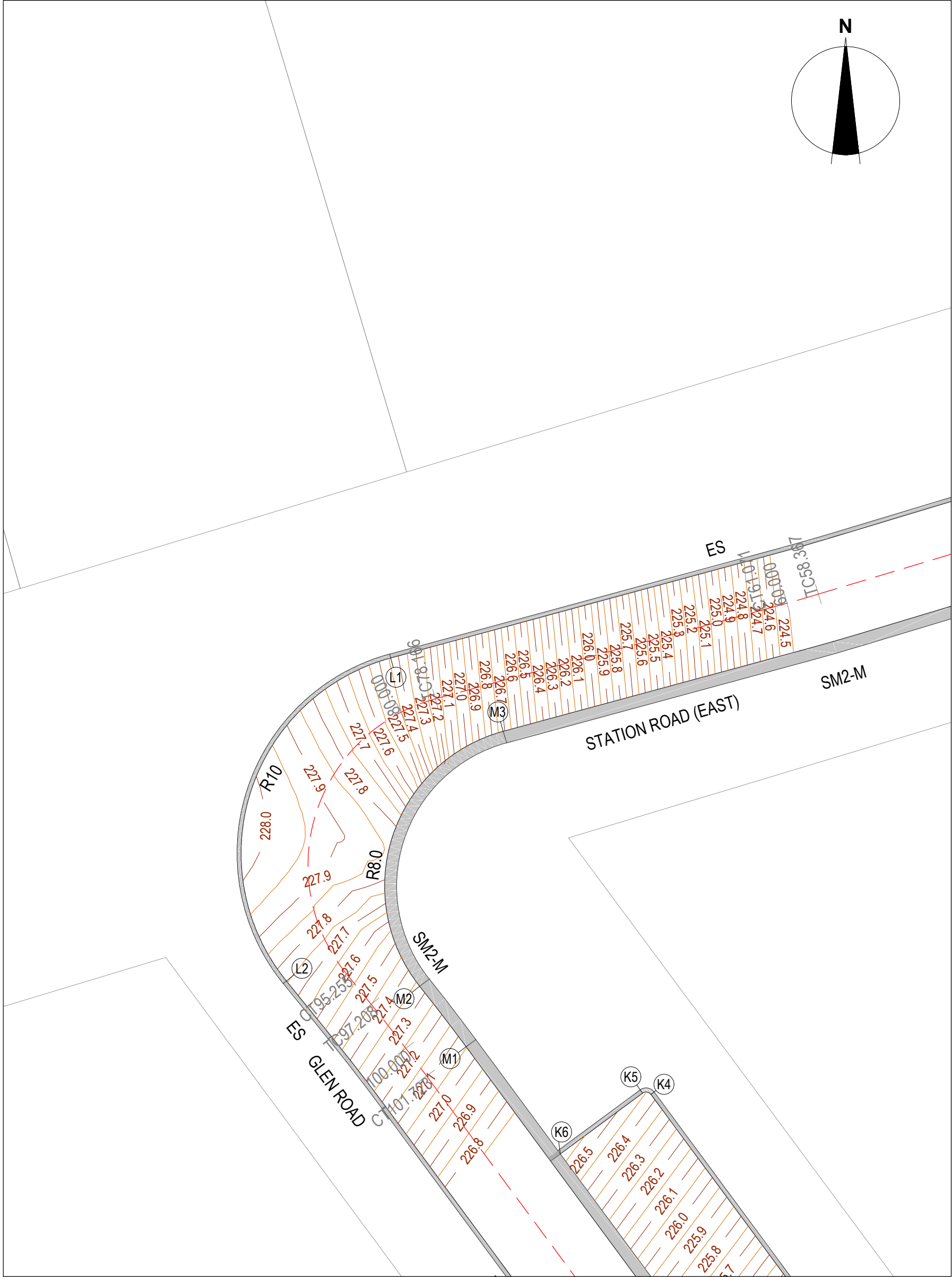
LEGEND

- EXISTING SURFACE
- DESIGN LINE

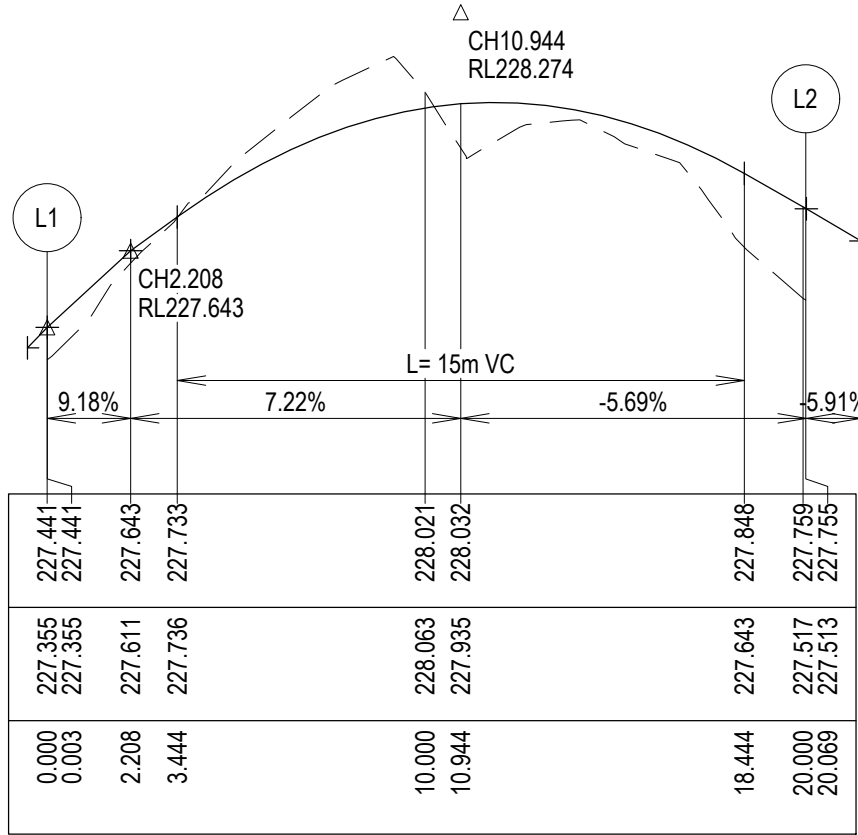
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	CARDINIA PACKAGE 10 - INTERSECTION DETAIL PLAN - 7	TENDER NOT FOR CONSTRUCTION	AS SHOWN	S.DEVGAN	M.RAHMAN
			PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
			PROJECT No. 210152	DRAWING No. R505	REVISION B



VERTICAL GEOMETRY
DATUM RL227
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE

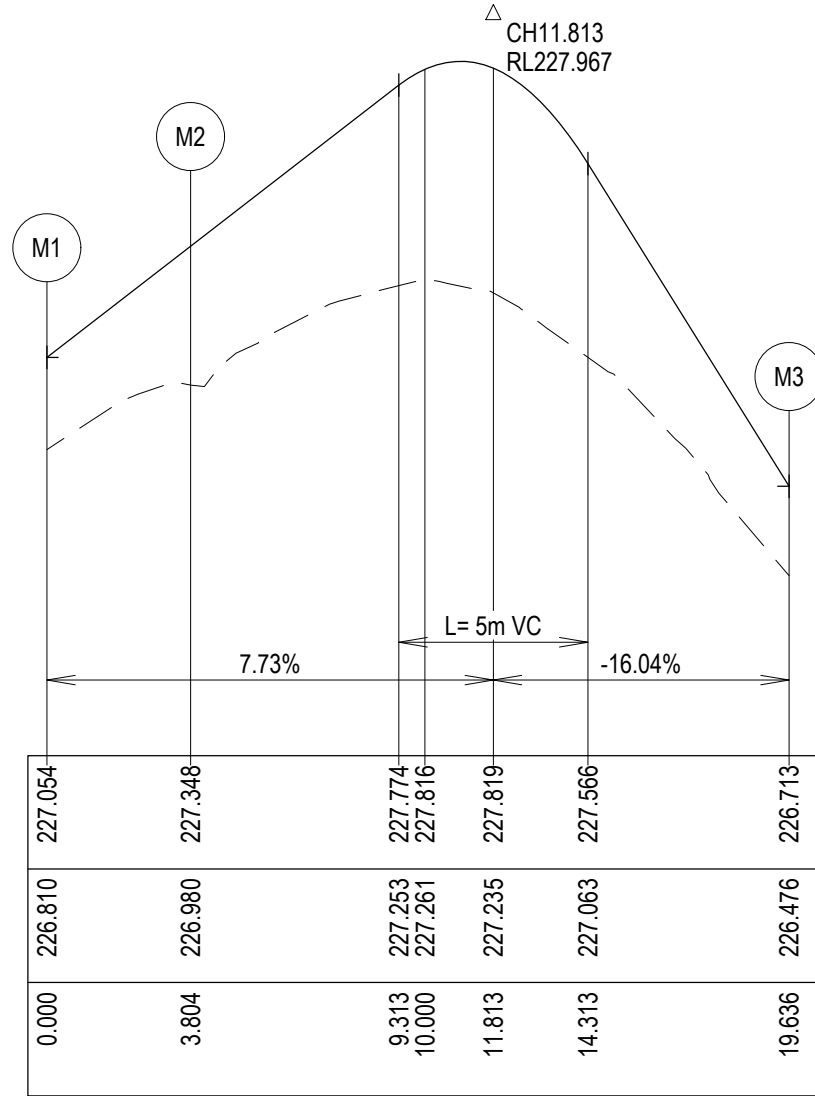


LIP LINE L

POINT NO	EASTING	NORTHING	RL
L1	366725.619	5800329.116	227.441
L2	366720.419	5800313.008	227.755

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
L1 - L2	113.850	10.100	20.069	4.588	3.367	4.813	3.650	5.017	228.022

VERTICAL GEOMETRY
DATUM RL226
DESIGN LEVEL
EXISTING SURFACE
CHAINAGE



LIP LINE M

POINT NO	EASTING	NORTHING	RL
M1	366729.379	5800309.729	227.054
M2	366727.063	5800312.747	227.348
M3	366731.223	5800325.456	226.713

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
M1 - M2	2.127	102.450	3.804	0.018	0.013	0.951	0.951	0.951	227.201
M2 - M3	113.390	8.000	15.832	3.607	2.648	3.799	2.888	3.958	227.822

LEGEND - INTERSECTION PLAN
STORMWATER DRAIN, PIT & PROPERTY INLET
MAJOR CONTOUR - 0.1m
MINOR CONTOUR - 0.05m
GRADE LINE

WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES

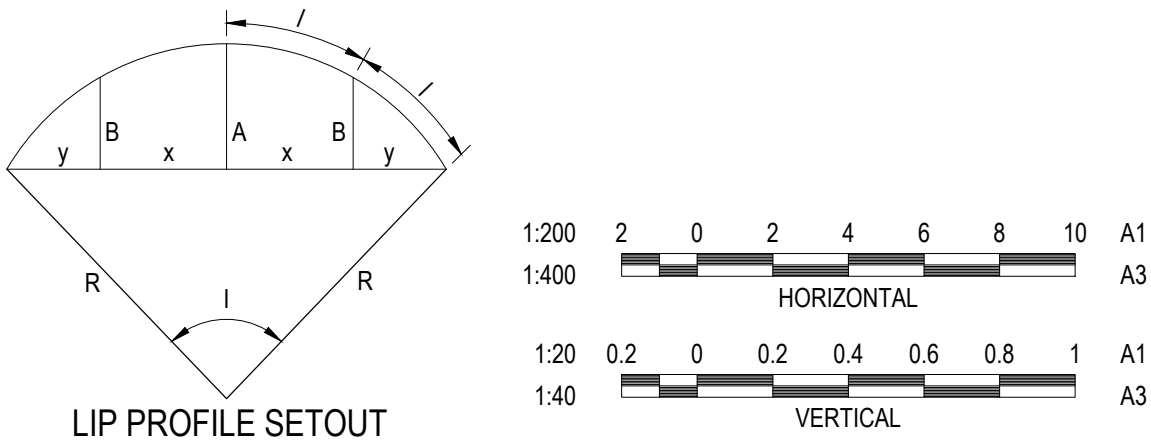
The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works

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LEGEND

EXISTING SURFACE
DESIGN LINE



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.

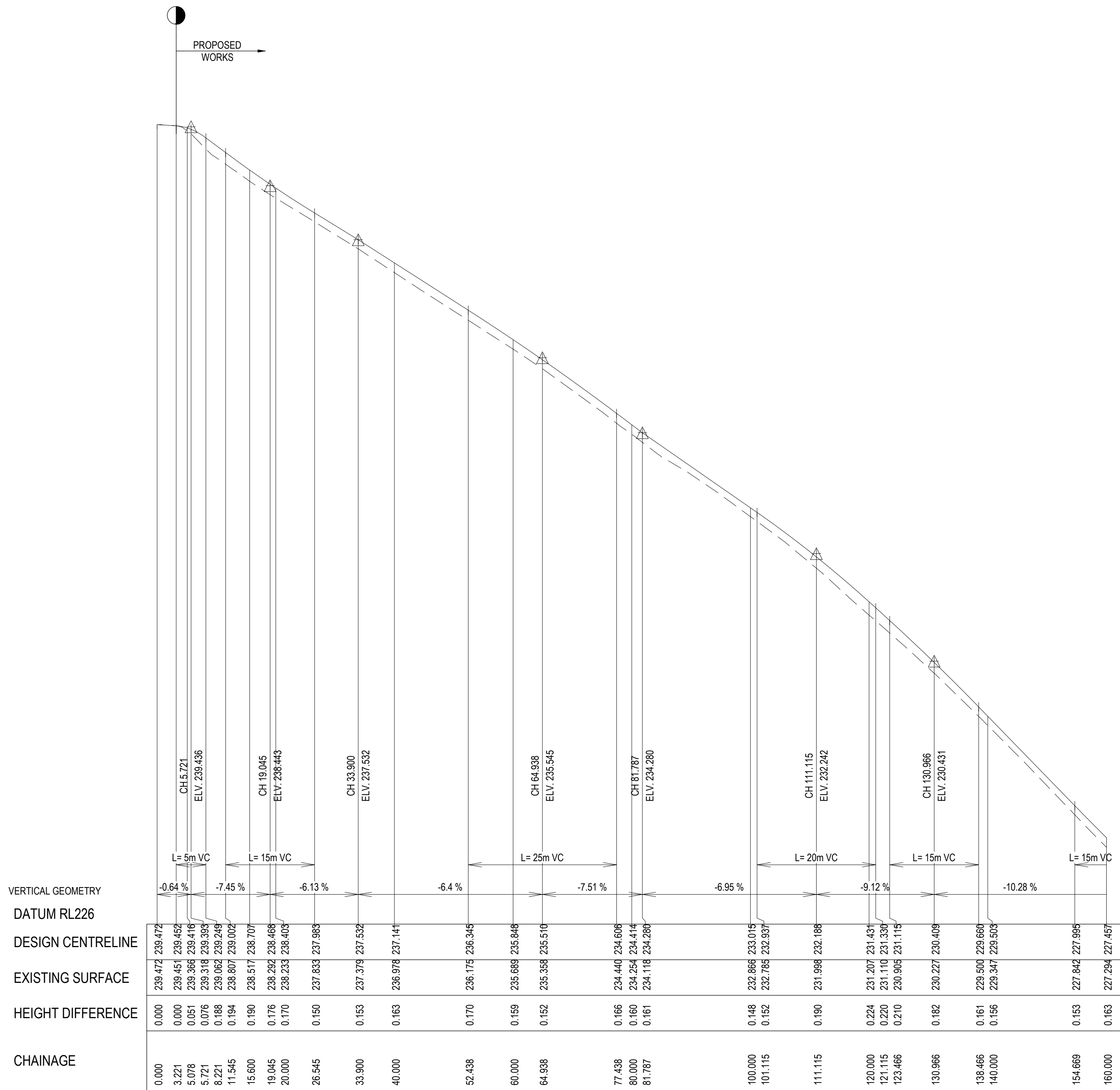
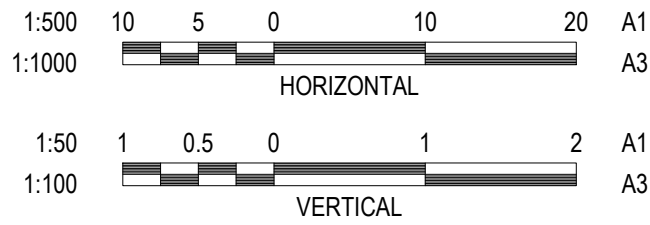


SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE

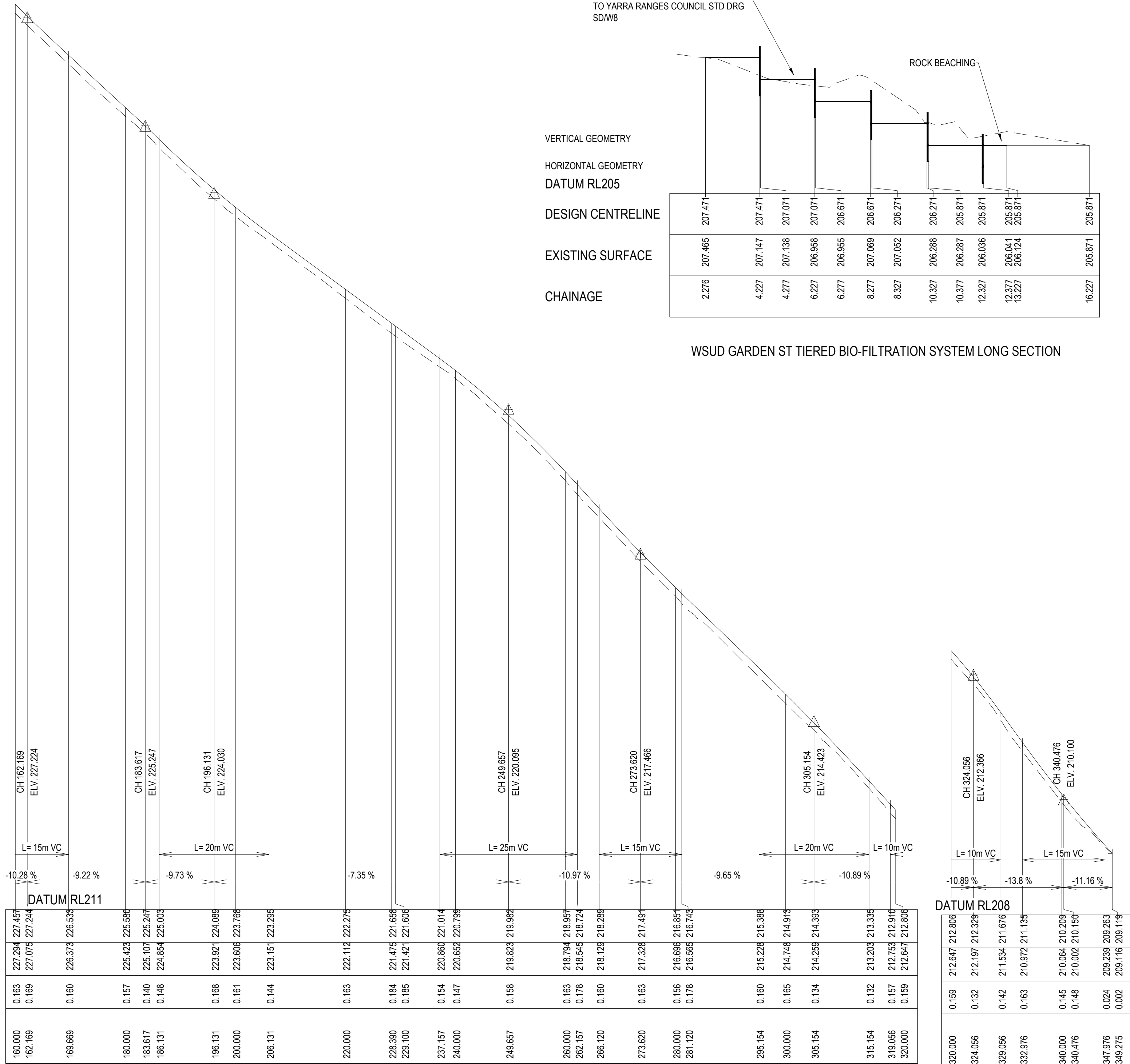
CARDINIA PACKAGE 10 -
INTERSECTION DETAIL PLAN - 8

TENDER
NOT FOR CONSTRUCTION

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	S.DEVGAN	M.RAHMAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	T.PALIOS	SEP 2021
PROJECT No.	DRAWING No.	REVISION
210152	R507	B



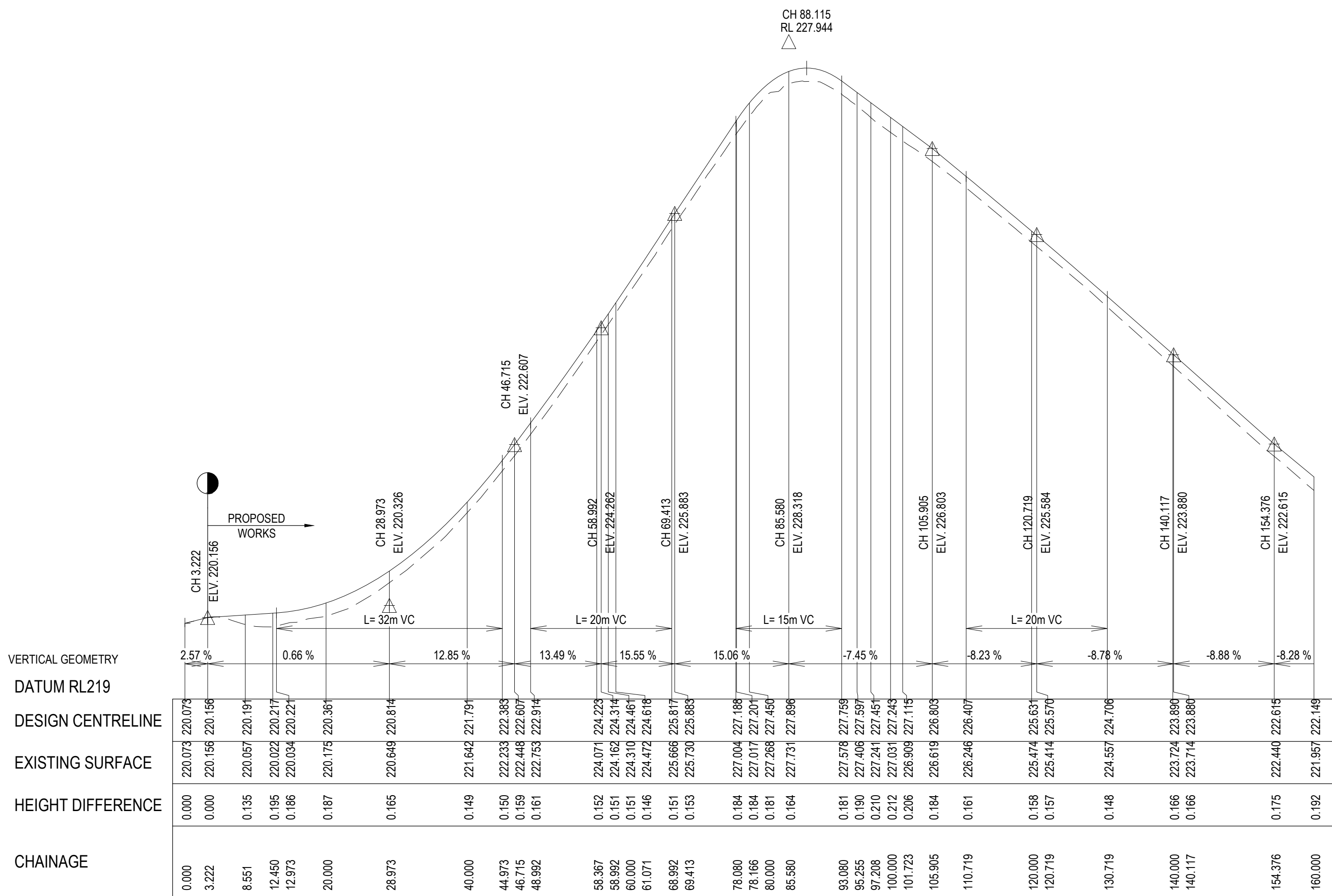
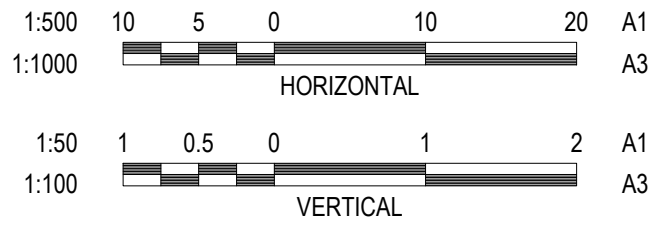
GARDEN ST LONGITUDINAL SECTION



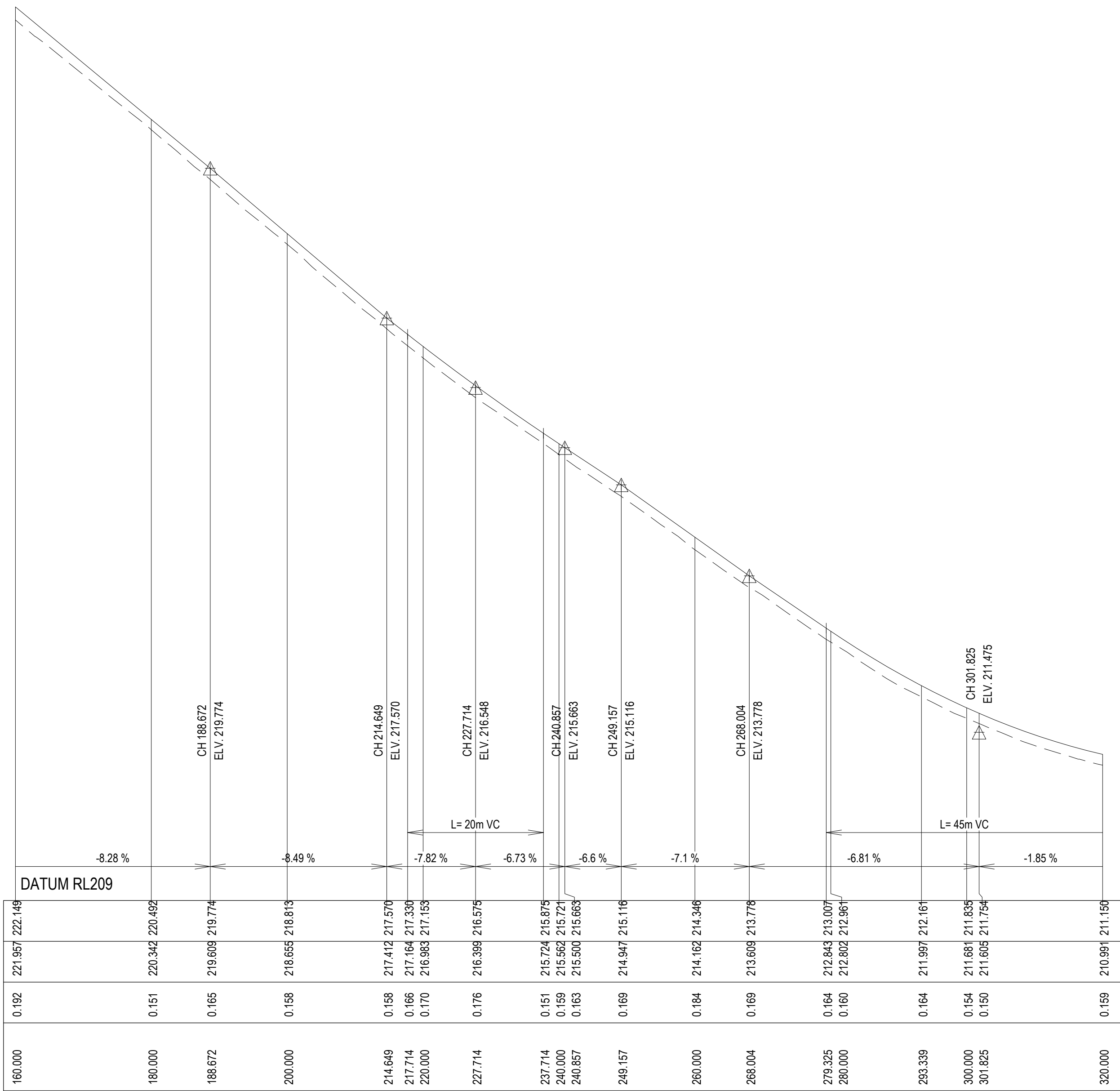
GARDEN ST LONGITUDINAL SECTION (CONT.)

GARDEN ST LONGITUDINAL SECTION (CONT.)

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
										AS SHOWN	S.DEVGAN	M.RAHMAN
										PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
										M.TROUNCE	T.PALIOS	SEP 2021
										PROJECT No.	DRAWING No.	REVISION
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.			CARDINIA PACKAGE 10 - LONGITUDINAL SECTIONS - SHEET 1	TENDER NOT FOR CONSTRUCTION	210152		
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.					R600		

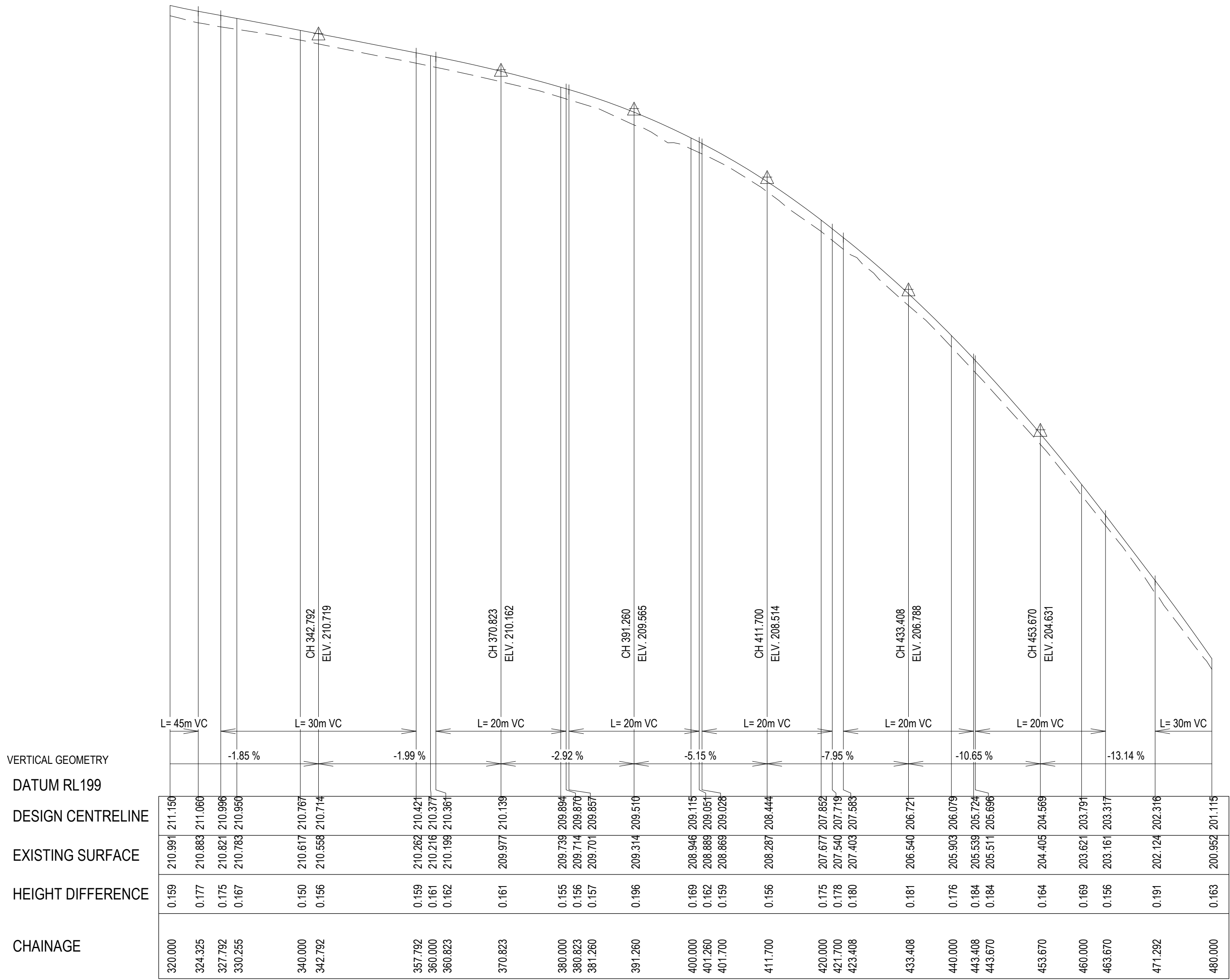
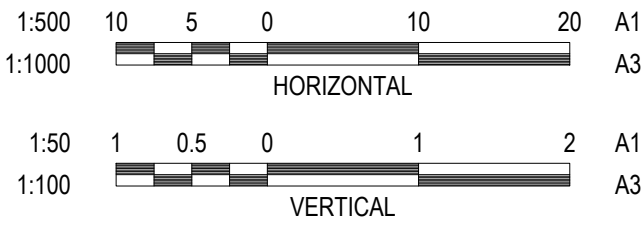


GLEN ROAD LONGITUDINAL SECTION

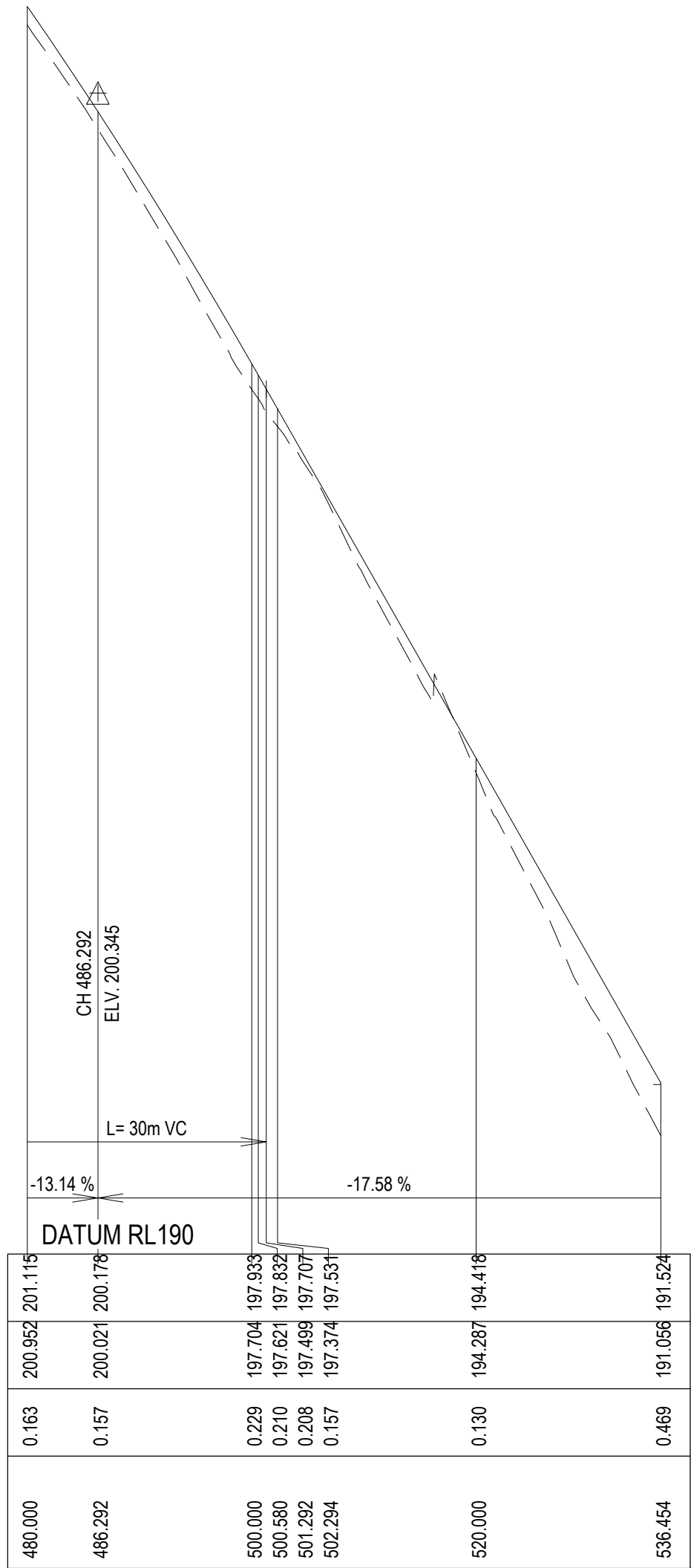


GLEN ROAD LONGITUDINAL SECTION (CONT.)

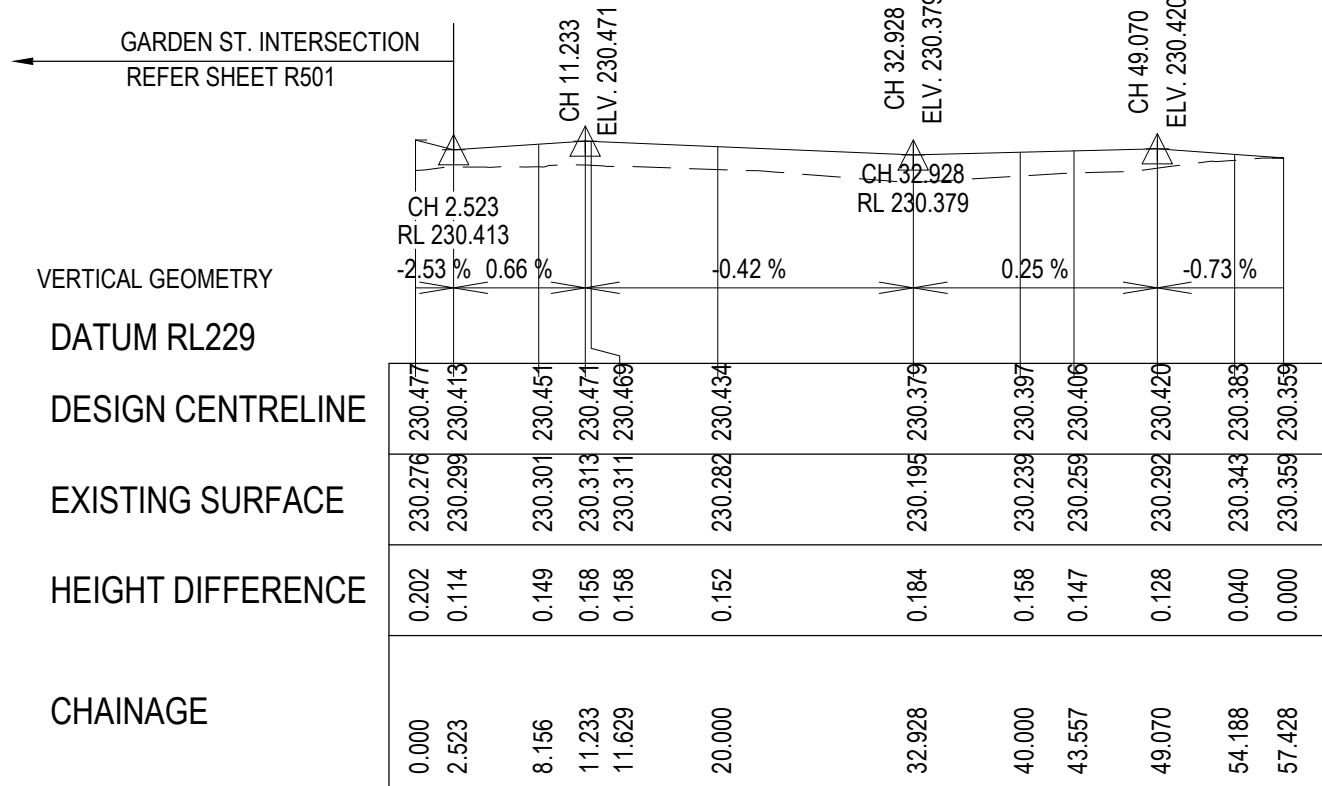
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED	
							 Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	CARDINIA PACKAGE 10 - LONGITUDINAL SECTIONS - SHEET 2	TENDER NOT FOR CONSTRUCTION	AS SHOWN	S.DEVGAN	M.RAHMAN
					PROJECT ENGINEER						PROJECT MANAGER	DATE FIRST ISSUE	
					M.TROUNCE						T.PALIOS	SEP 2021	
					PROJECT No.						DRAWING No.	REVISION	
					210152						R601	B	
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.								
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.								



GLEN ROAD LONGITUDINAL SECTION (CONT.)



GLEN ROAD LONGITUDINAL SECTION (CONT.)

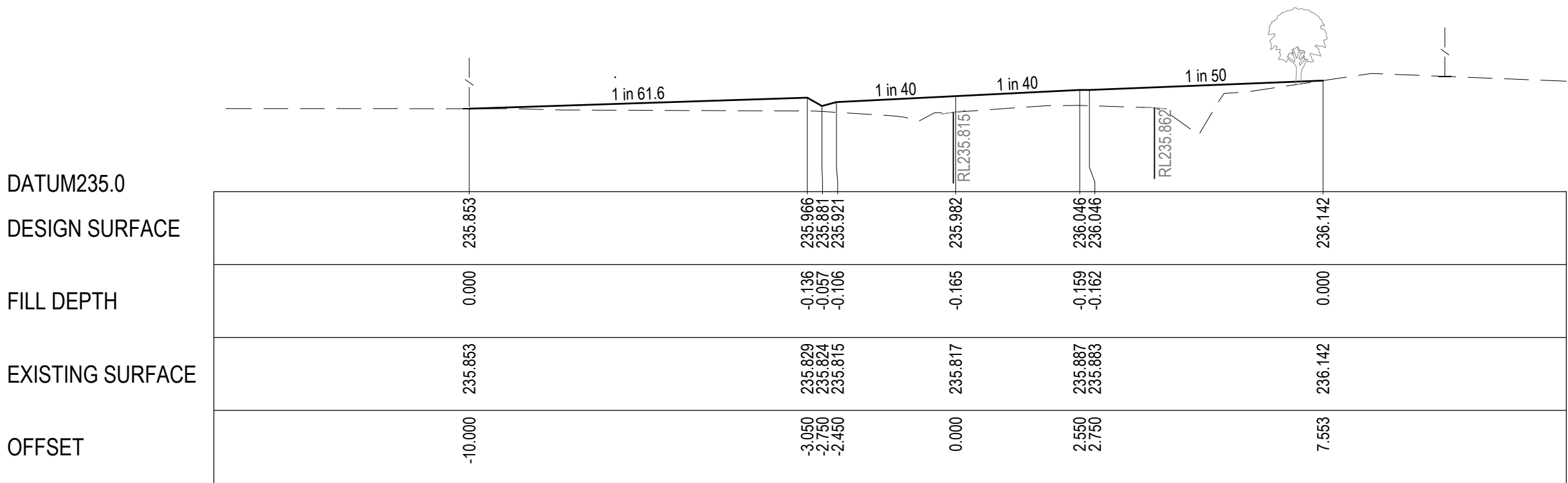


STATION ROAD WEST LONGITUDINAL SECTION

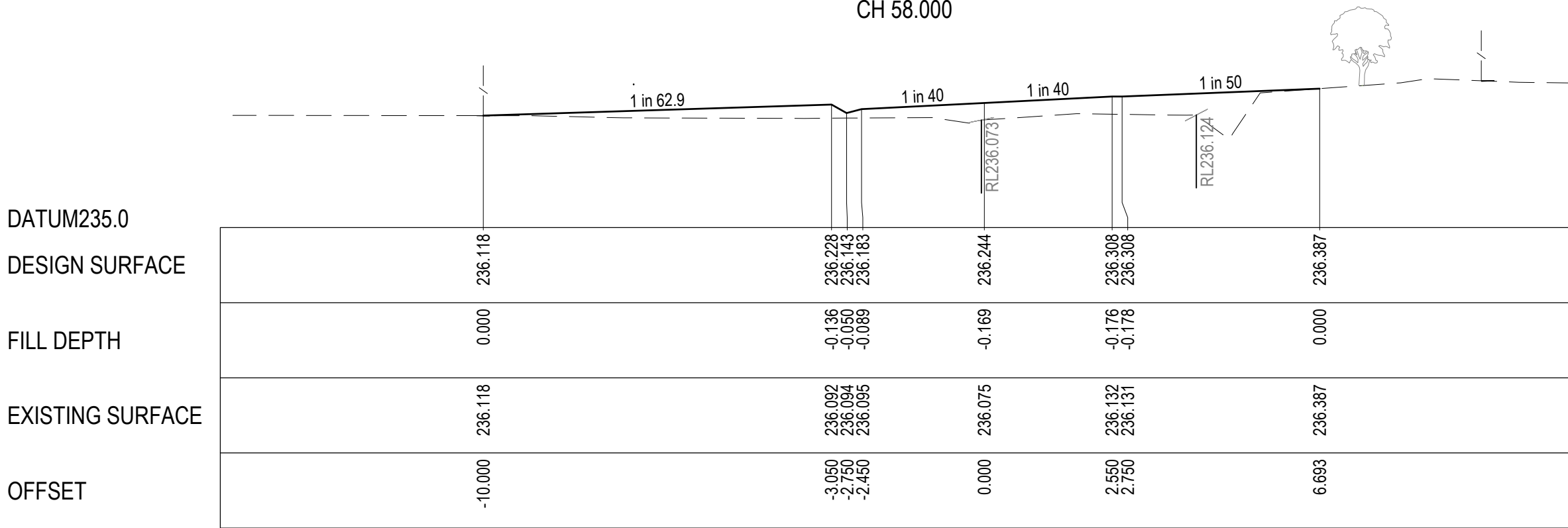
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT  Cardinia  creo CONSULTANTS Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	PROJECT	DRAWING TITLE	STATUS TENDER NOT FOR CONSTRUCTION	SCALE AT A1	DRAWN	DESIGNED
							AS SHOWN	S.DEVGAN		M.RAHMAN		
							PROJECT ENGINEER	PROJECT MANAGER		DATE FIRST ISSUE		
							M.TROUNCE	T.PALIOS		SEP 2021		
							PROJECT No.	DRAWING No.		REVISION		
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.		210152	R602		B		
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.							

LEGEND

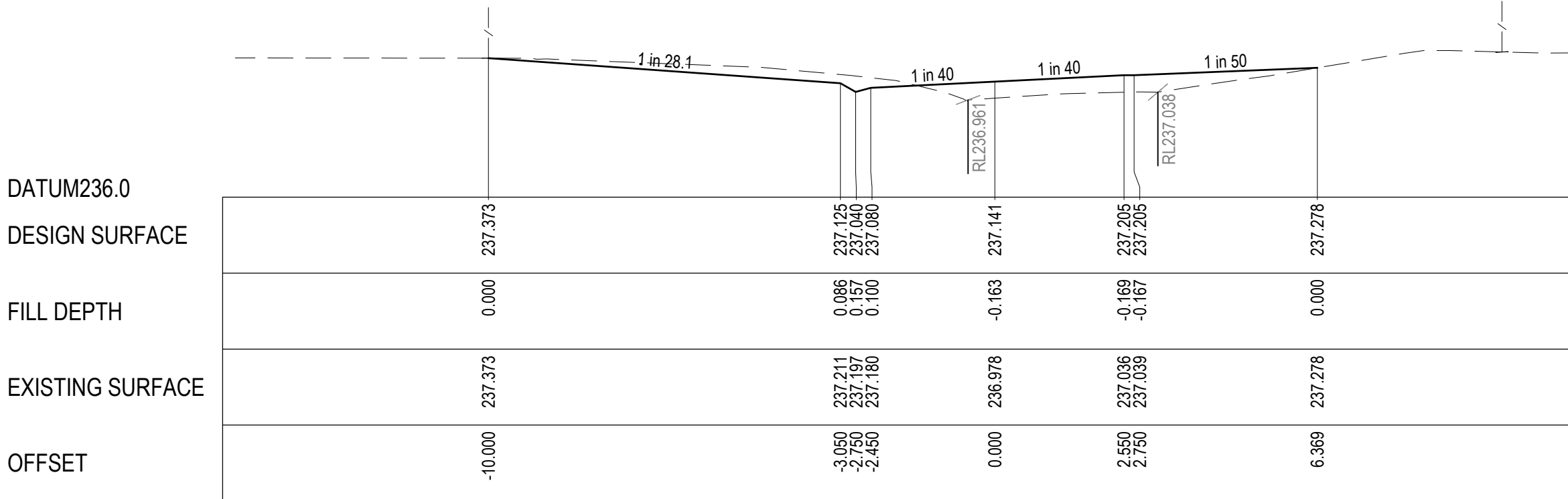
- EXISTING SURFACE
- DESIGN LINE
- SELECT STRUCTURAL FILL



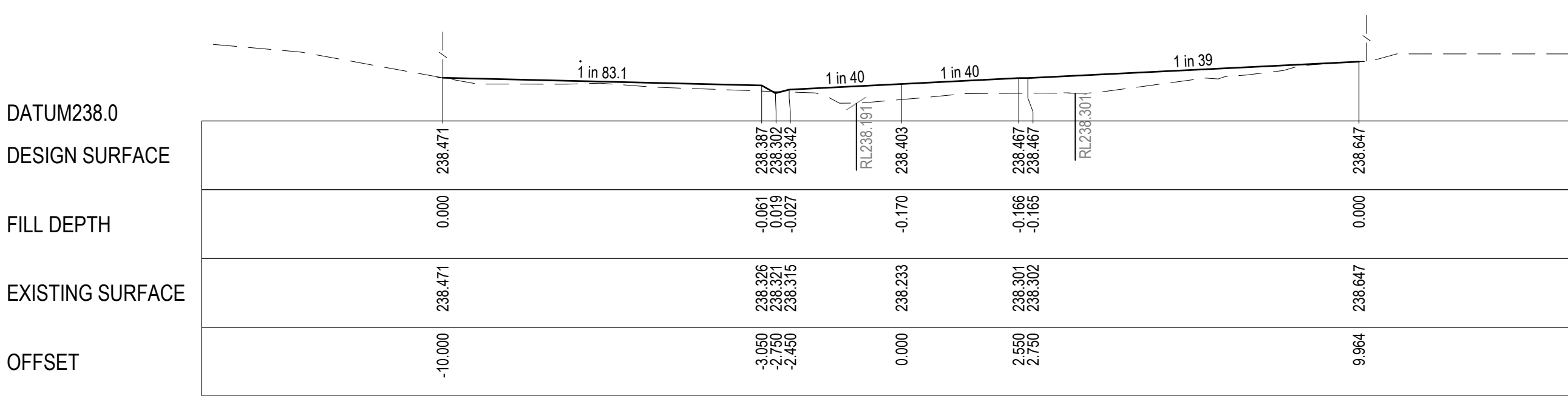
CH 58.000



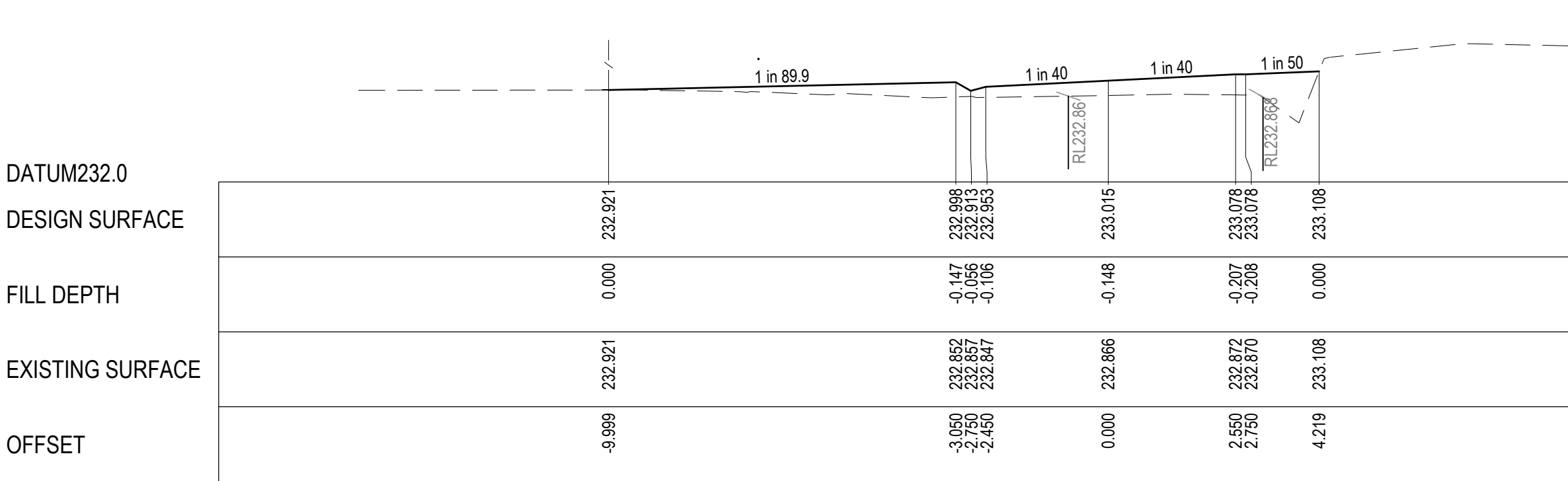
CH 54.000



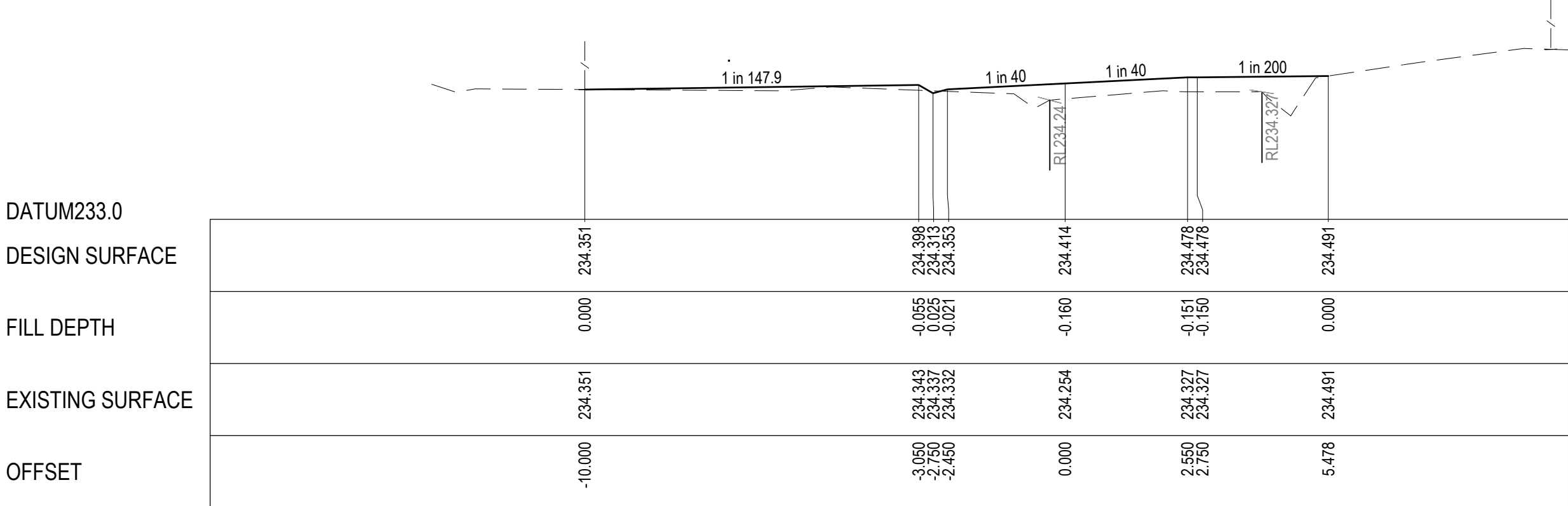
CH 40.000



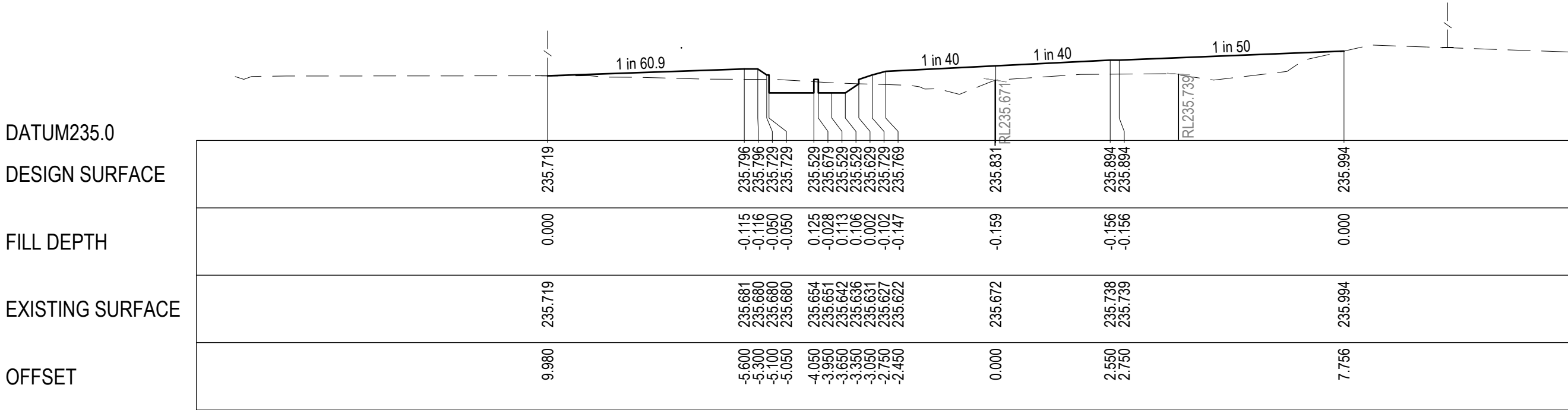
CH 20.000



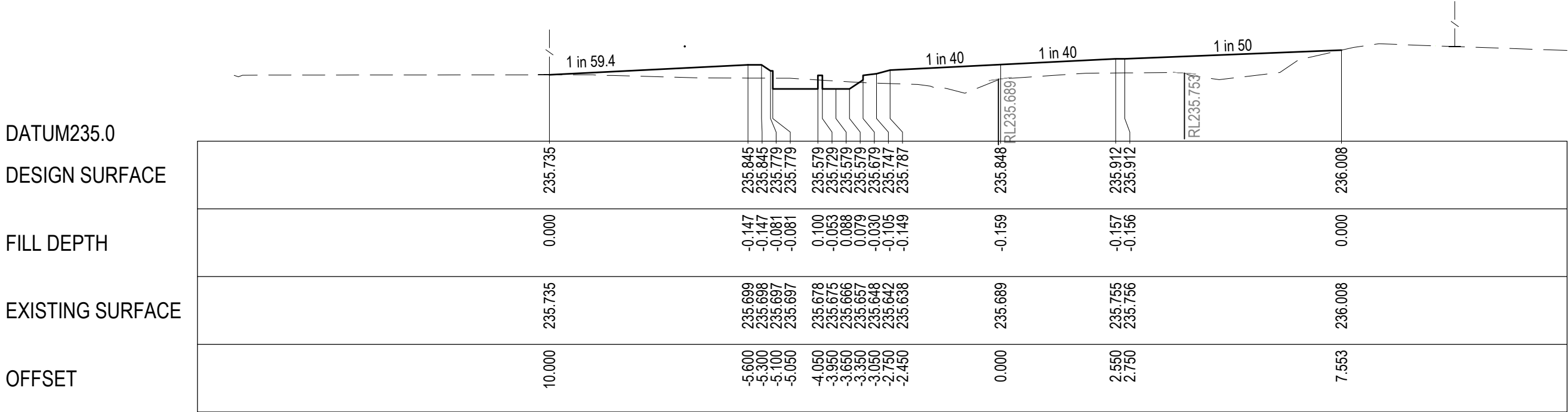
CH 100.000



CH 80.000

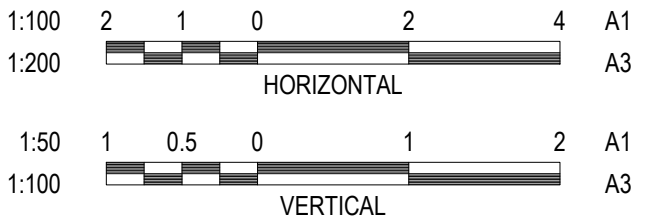


CH 60.261



CH 60.000

GARDEN STREET CROSS SECTION



P:\2021\210152 - CARDINIA SHIRE COUNCIL - DESIGN SERVICES - PACKAGES 15 & 16\DWG\2 - DRAFTING\CAD\DESIGN PACKAGE 10\210152-10-R700 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.

CLIENT

Cardinia

Suite 1, 2 Bloomsbury Street

Geelong, VIC, Australia 3220

PROJECT

SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE

DRAWING TITLE

CARDINIA PACKAGE 10 -
CROSS SECTIONS - SHEET 1

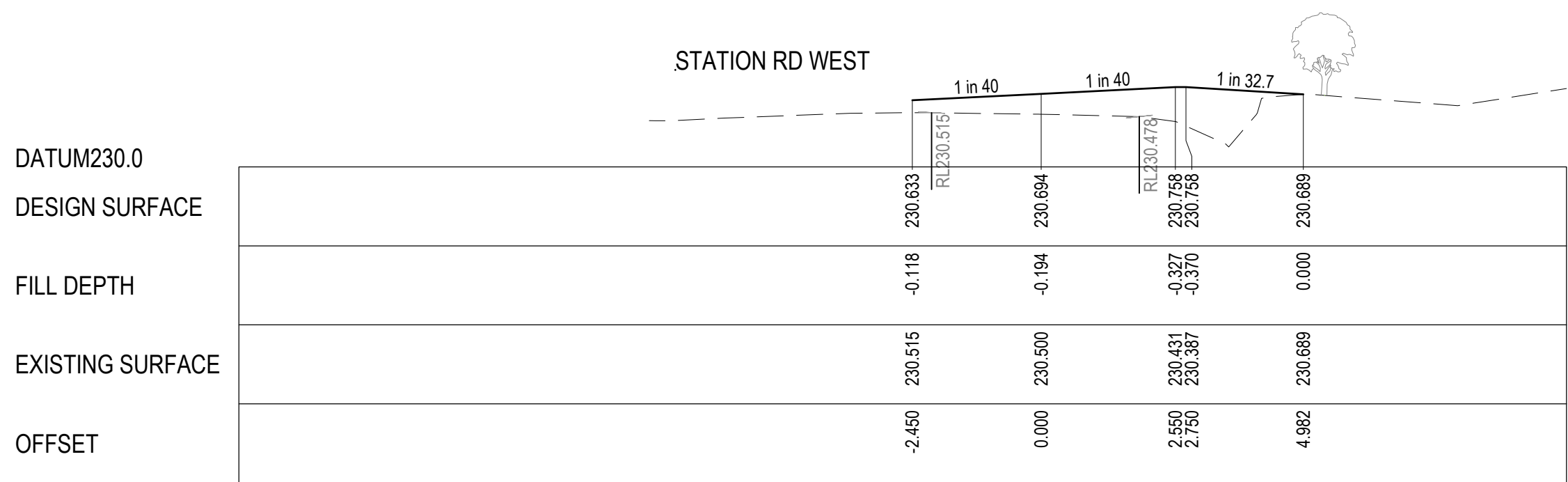
STATUS

TENDER
NOT FOR CONSTRUCTION

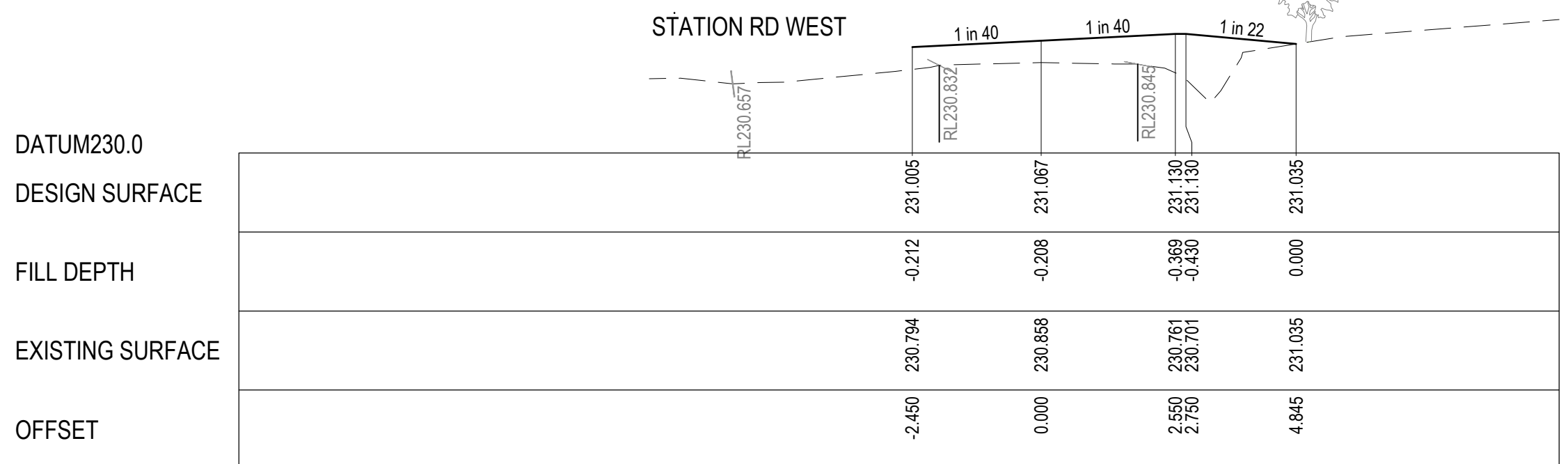
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	S.DEVGAN	M.RAHMAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	T.PALIOS	SEP 2021
PROJECT No.	DRAWING No.	REVISION
210152	R700	B

LEGEND

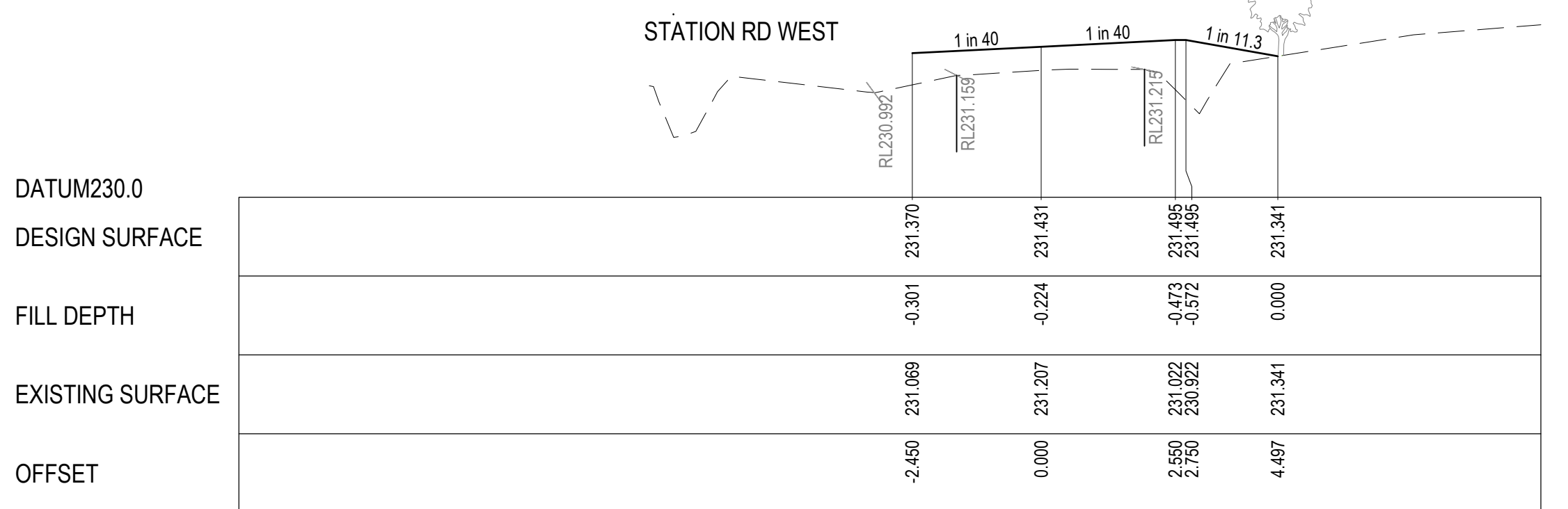
	EXISTING SURFACE
	DESIGN LINE
	SELECT STRUCTURAL FILL



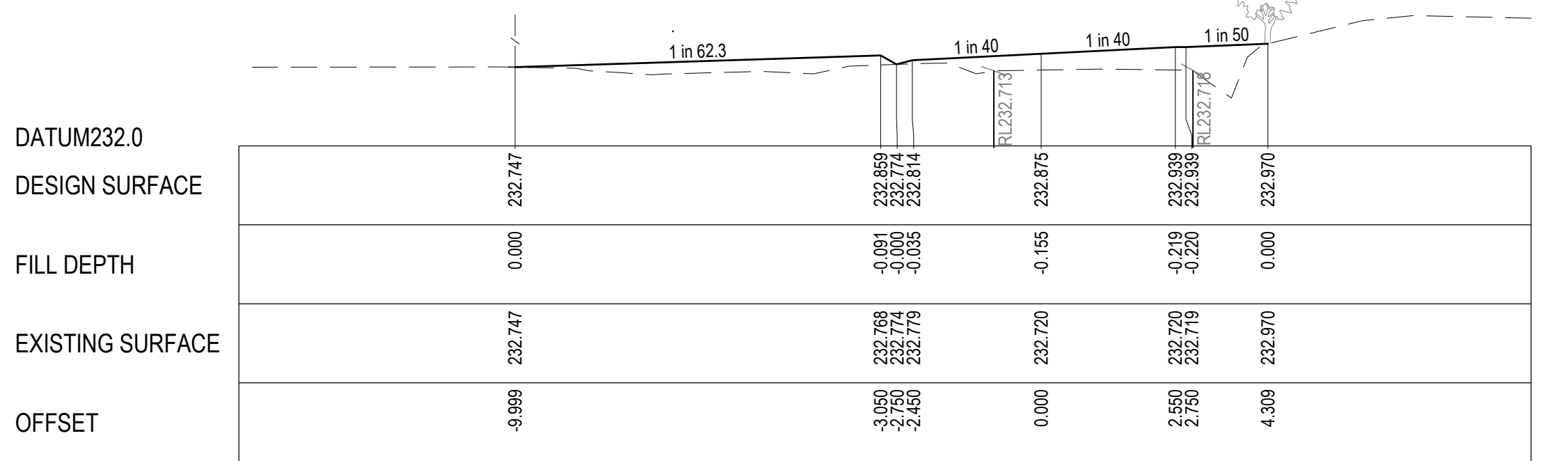
CH 128.000



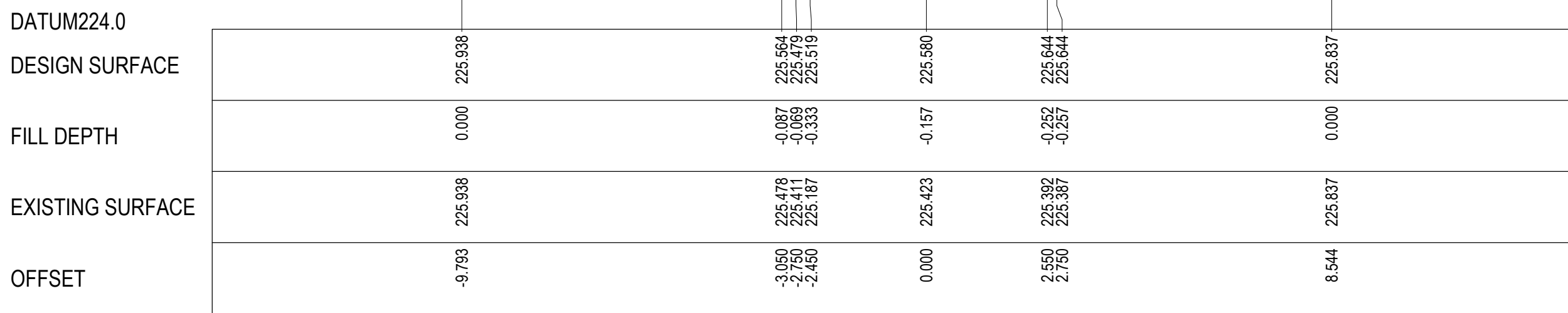
CH 124.000



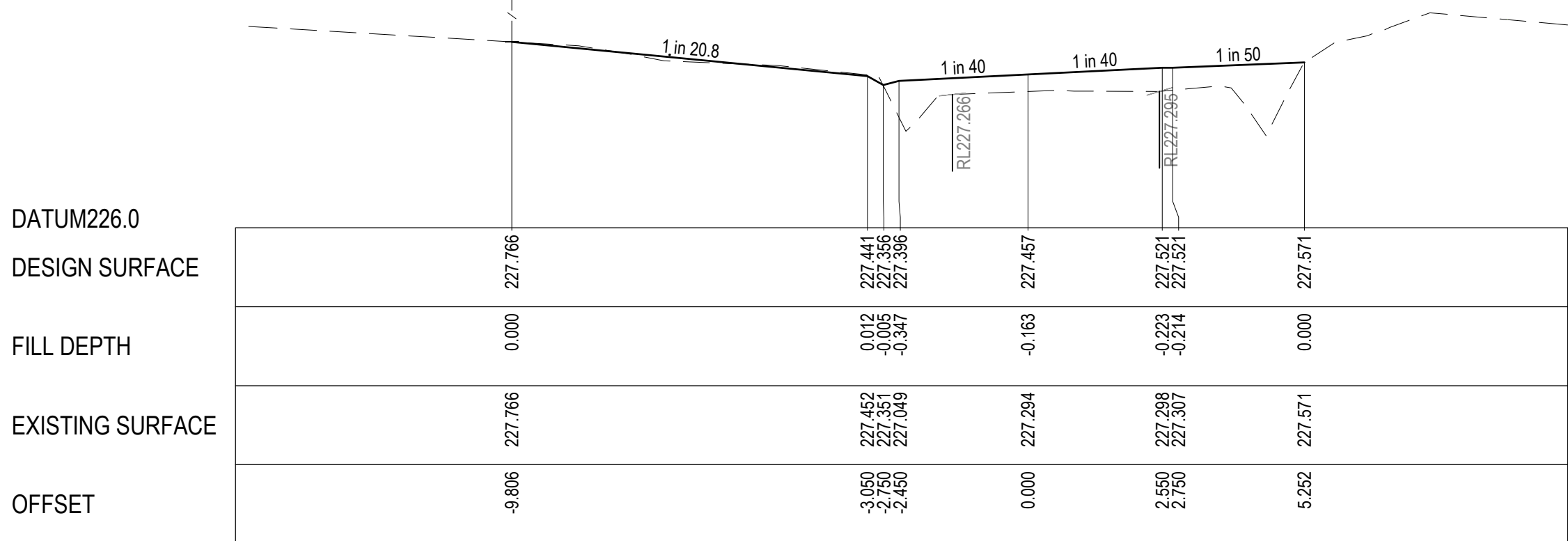
CH 120.000



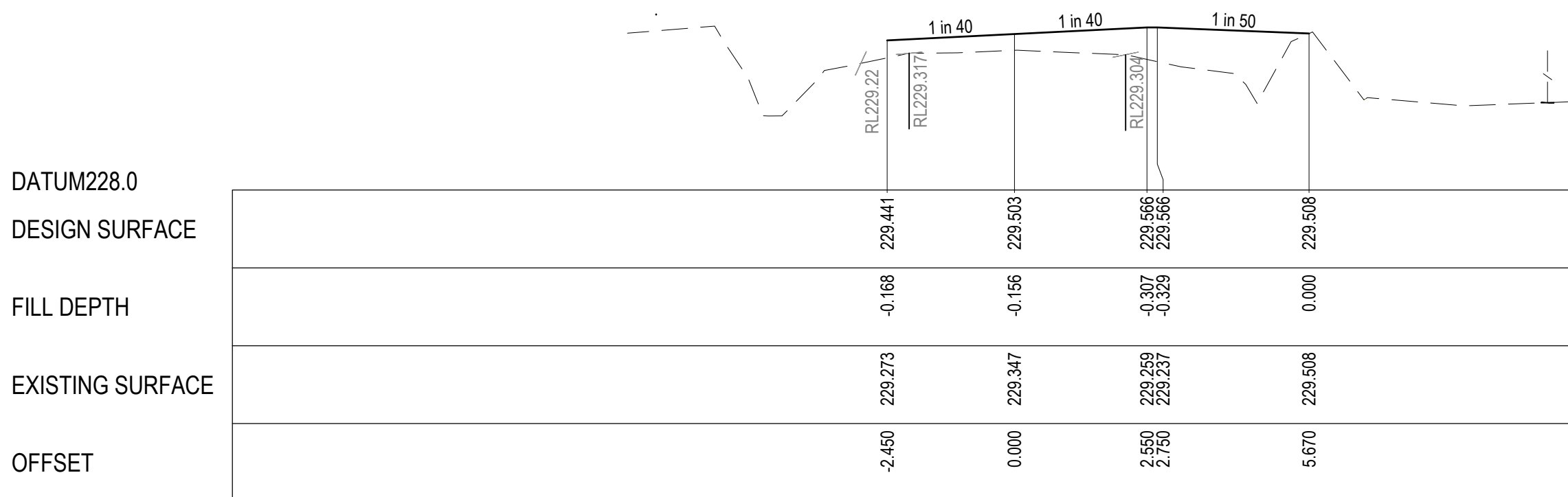
CH 102.000



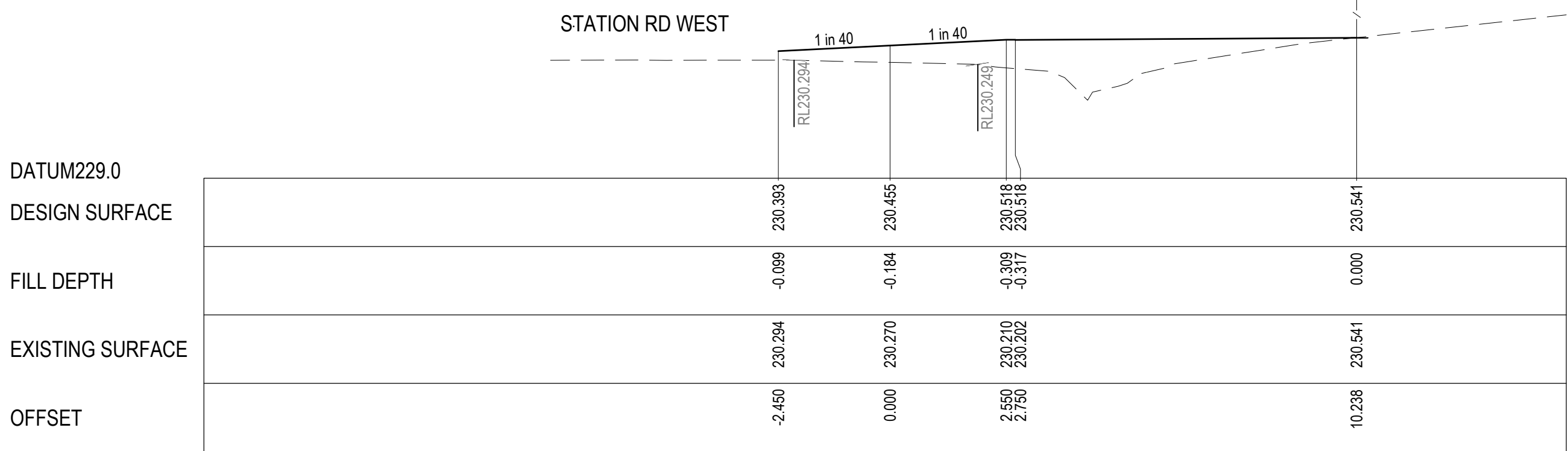
CH 180.000



CH 160.000

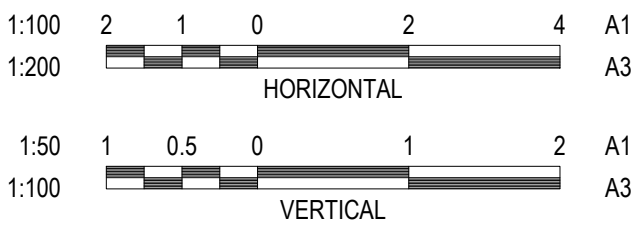


CH 140.000



CH 130.500

GARDEN STREET CROSS SECTION



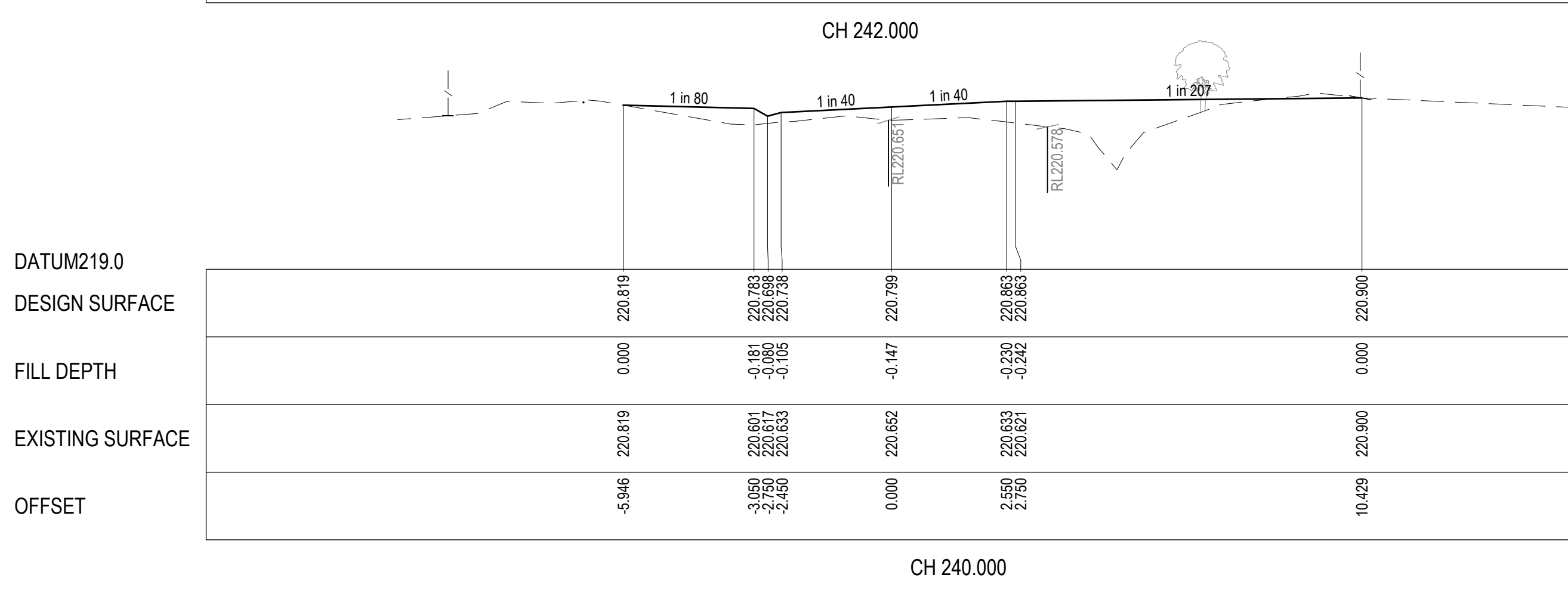
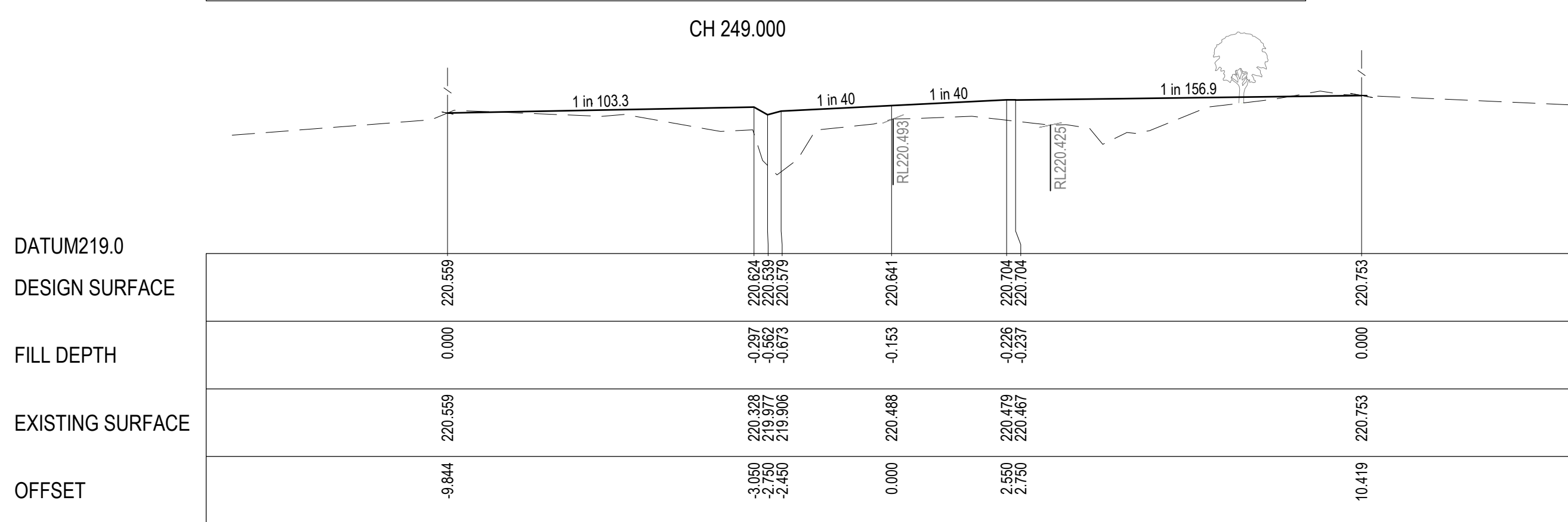
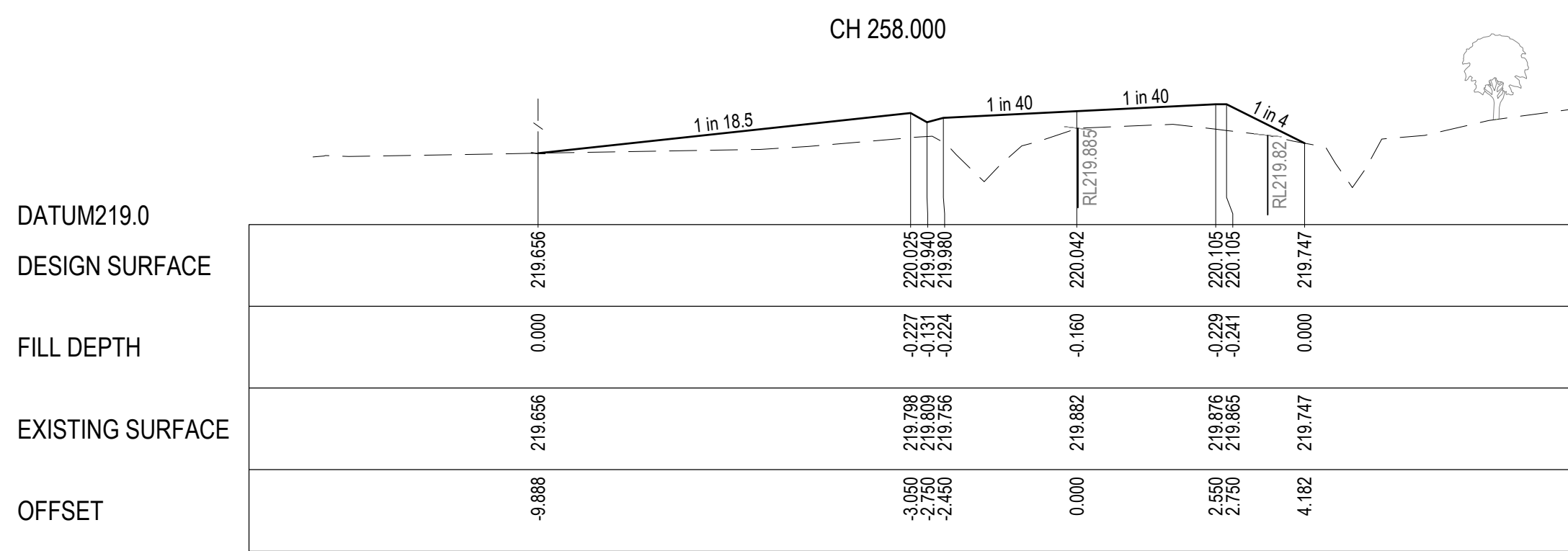
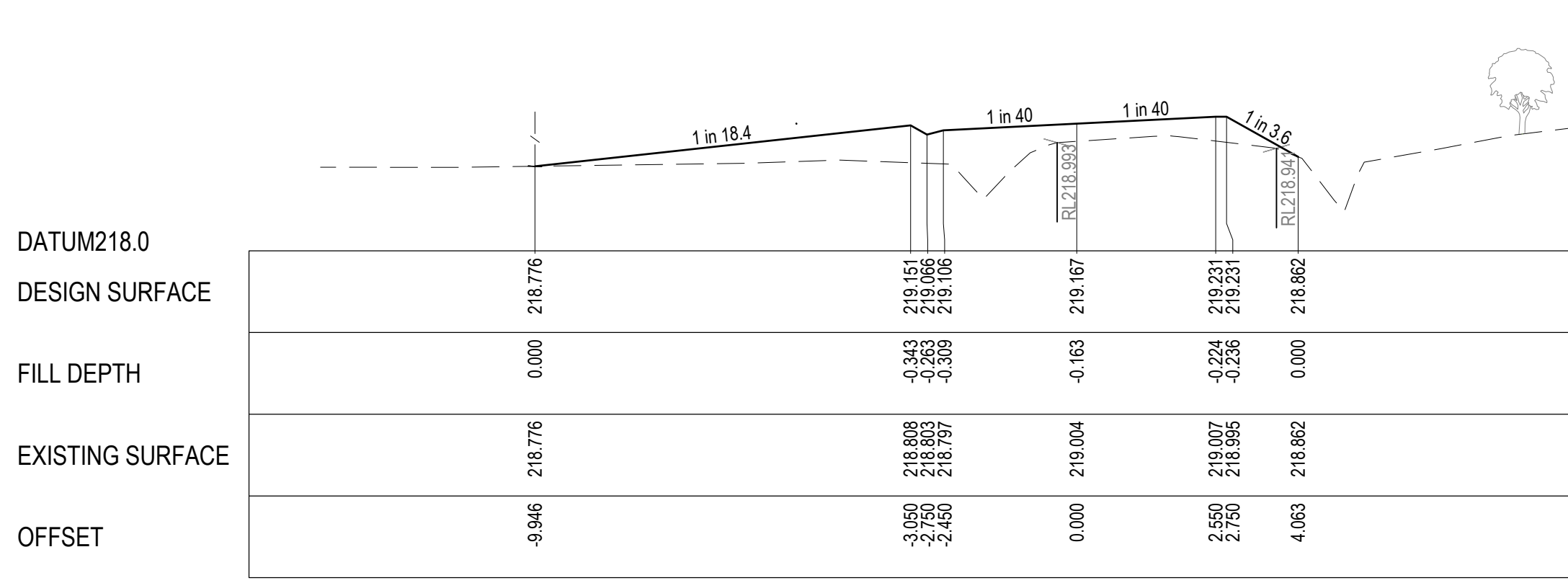
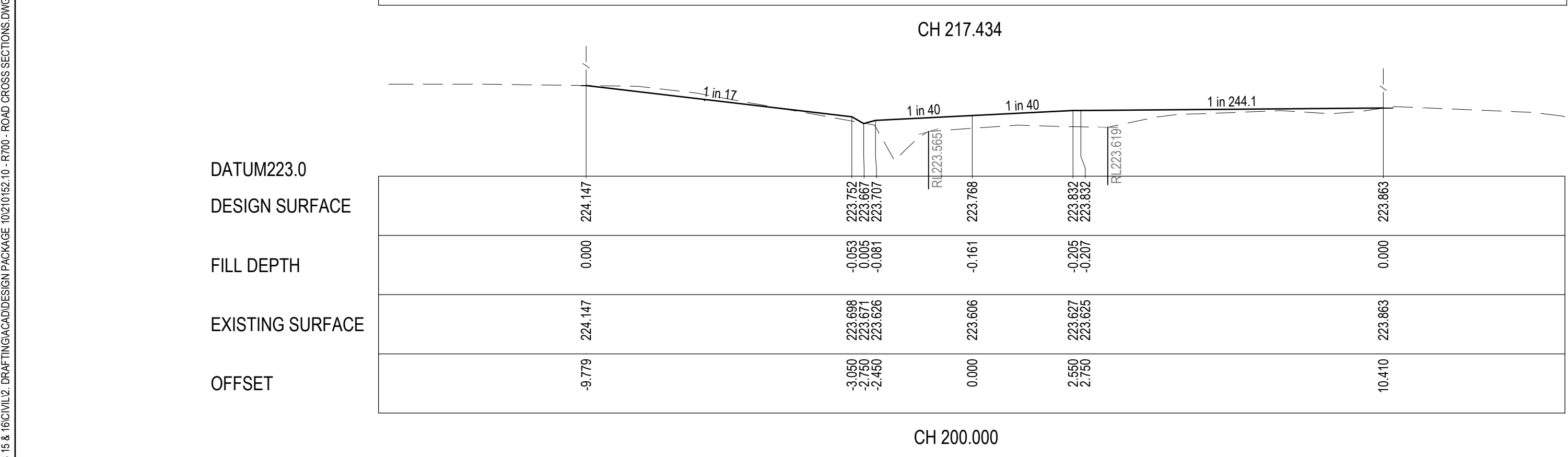
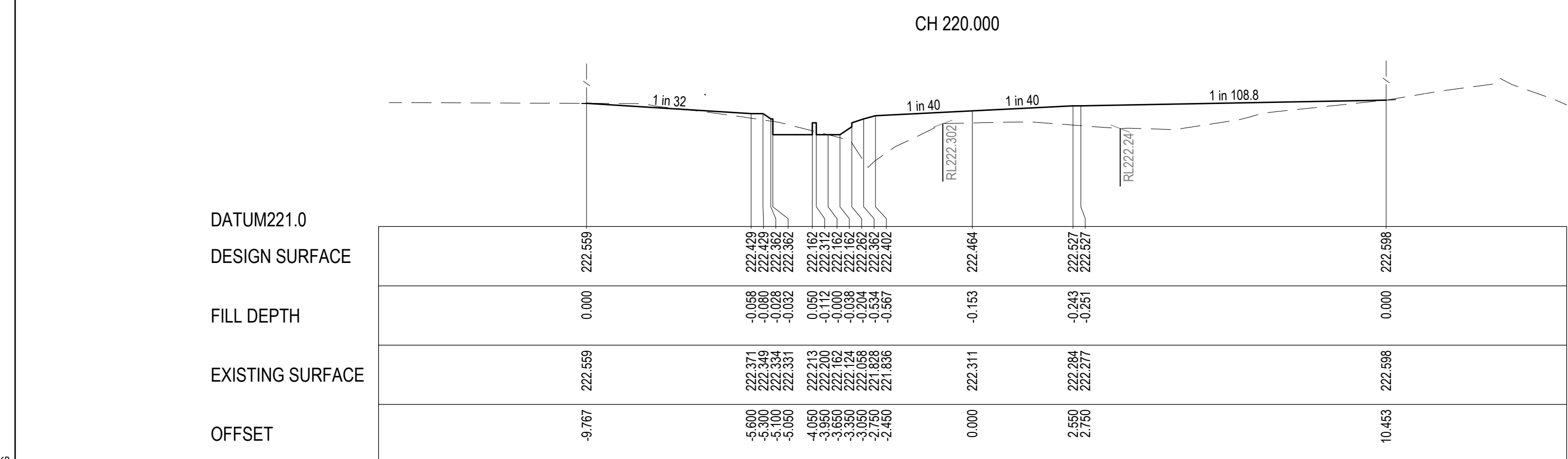
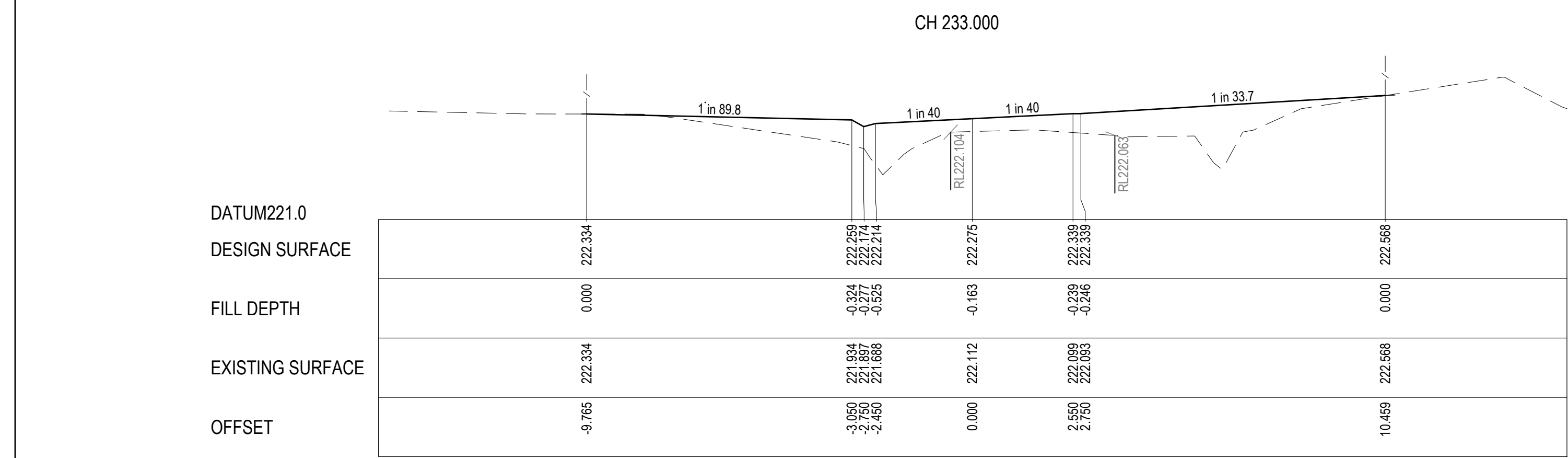
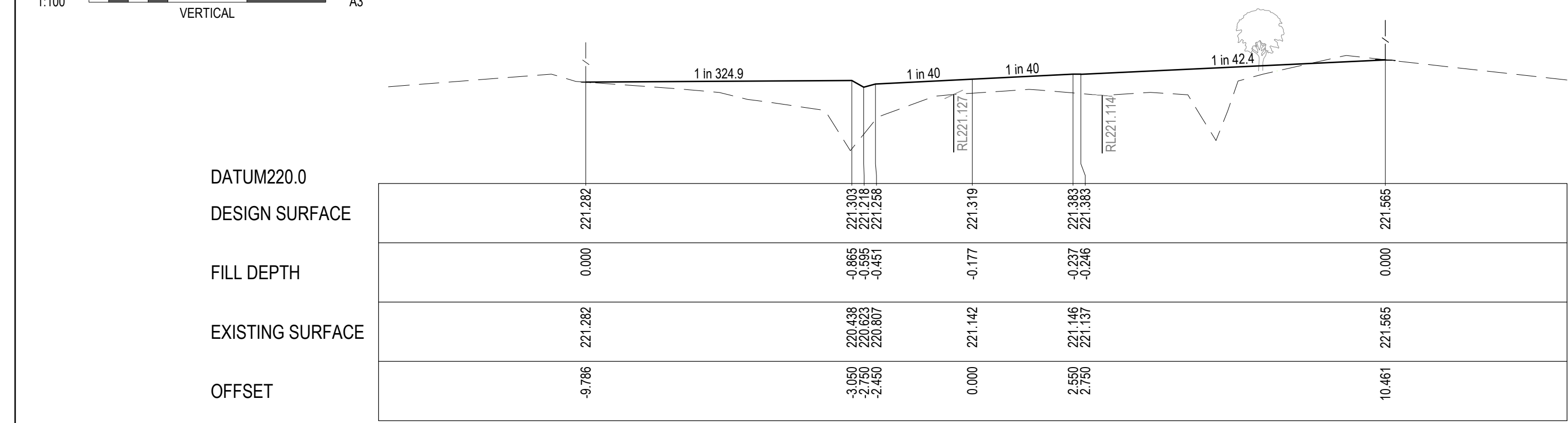
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
										AS SHOWN	S.DEVGAN	M.RAHMAN
										PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
										M.TROUNCE	T.PALIOS	SEP 2021
										PROJECT No.	DRAWING No.	REVISION
										210152	R701	B
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.							
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.							

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

SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE

CARDINIA PACKAGE 10 -
CROSS SECTIONS - SHEET 2

TENDER
NOT FOR CONSTRUCTION

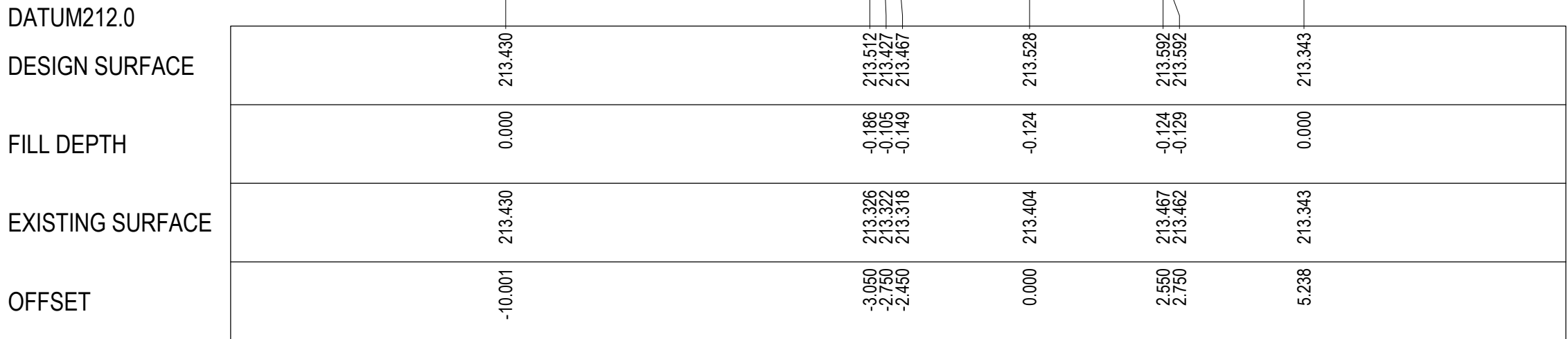


GARDEN STREET CROSS SECTION

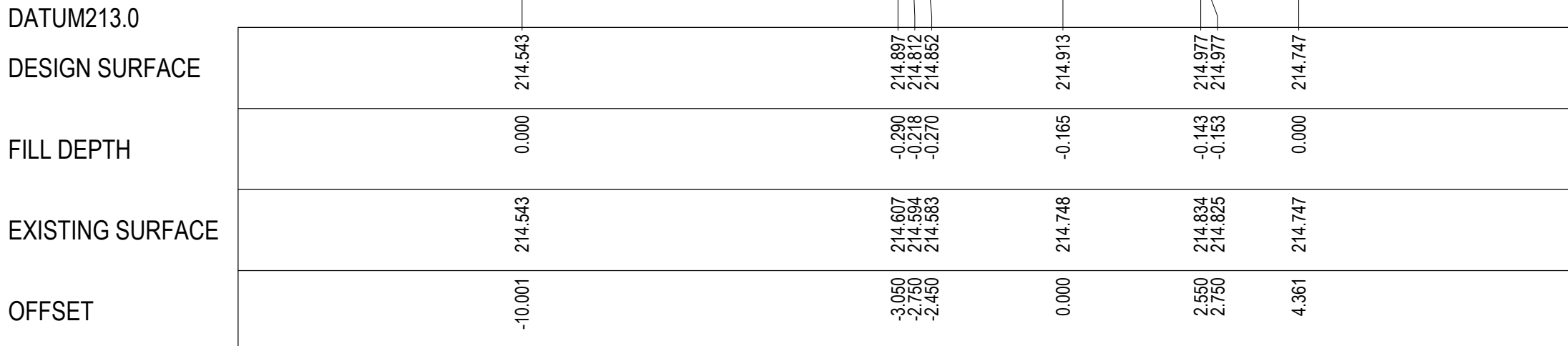
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	Cardinia	creo CONSULTANTS Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	CARDINIA PACKAGE 10 - CROSS SECTIONS - SHEET 3	TENDER NOT FOR CONSTRUCTION	SCALE AT A1	DRAWN	DESIGNED
					AS SHOWN						S.DEVGAN	M.RAHMAN	
					PROJECT ENGINEER						PROJECT MANAGER	DATE FIRST ISSUE	
					M.TROUNCE						T.PALIOS	SEP 2021	
					PROJECT No.						DRAWING No.	REVISION	
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.						210152	R702	B
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.								

LEGEND

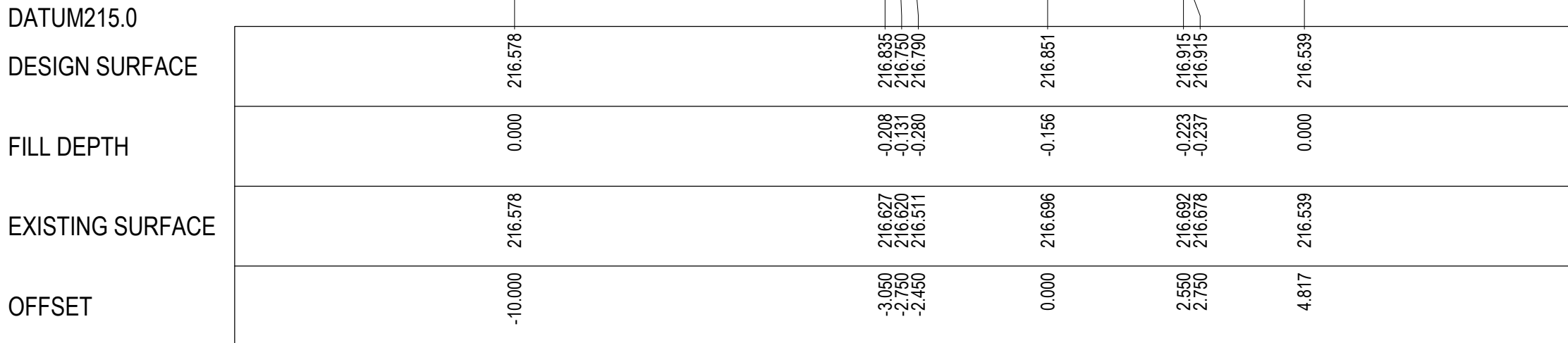
- EXISTING SURFACE
—— DESIGN LINE
/// SELECT STRUCTURAL FILL



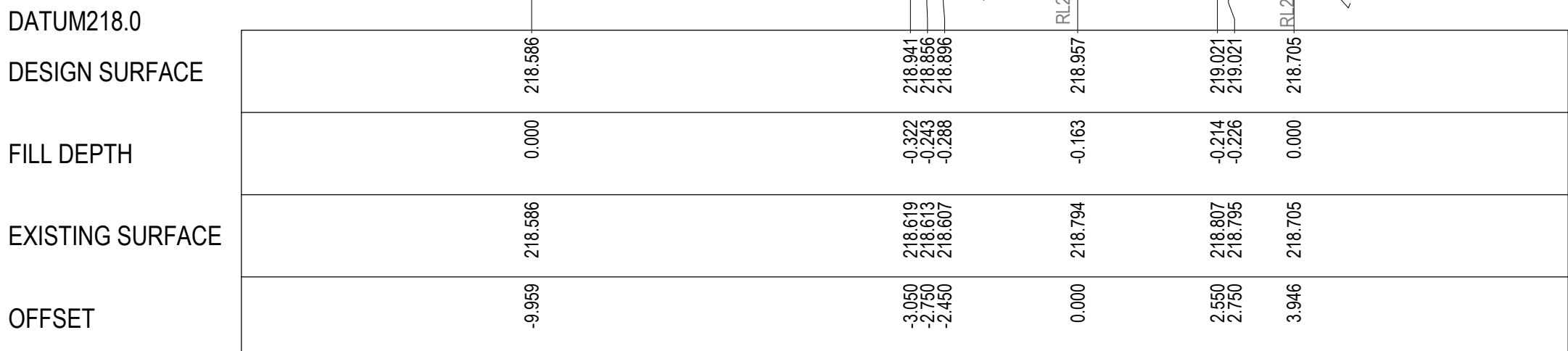
CH 313.371



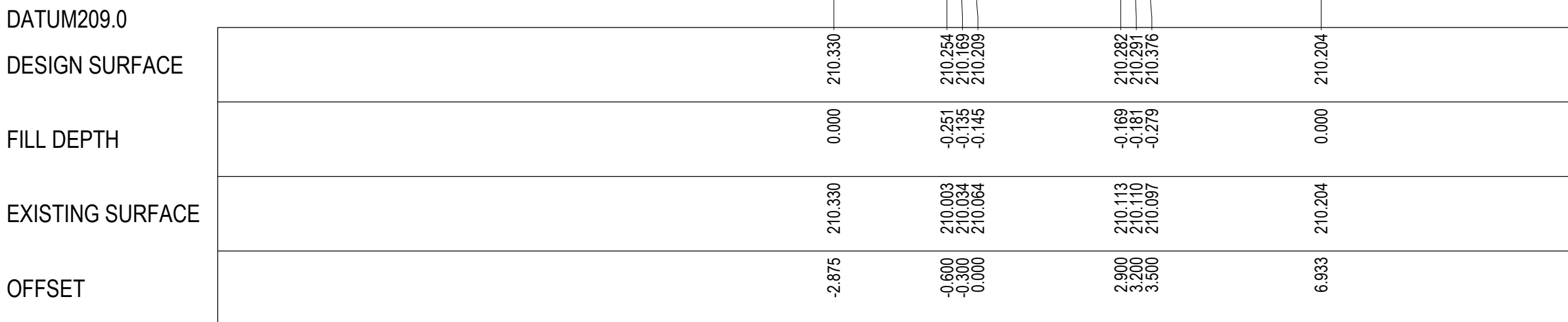
CH 300.000



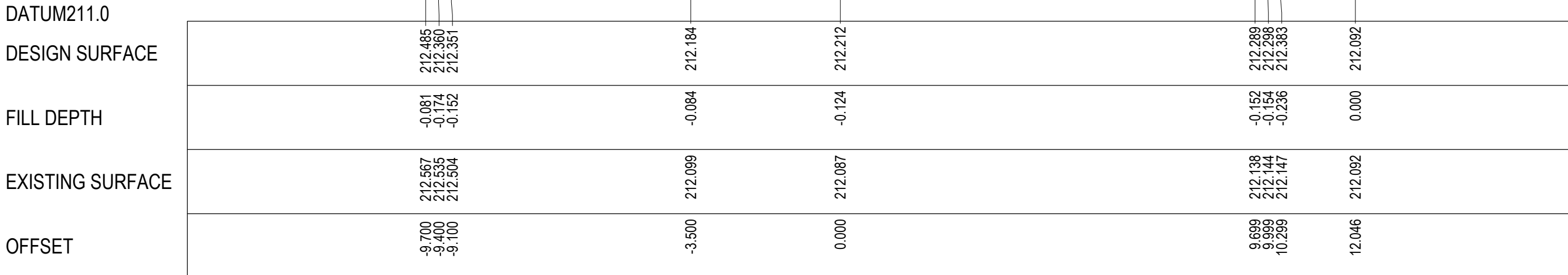
CH 280.000



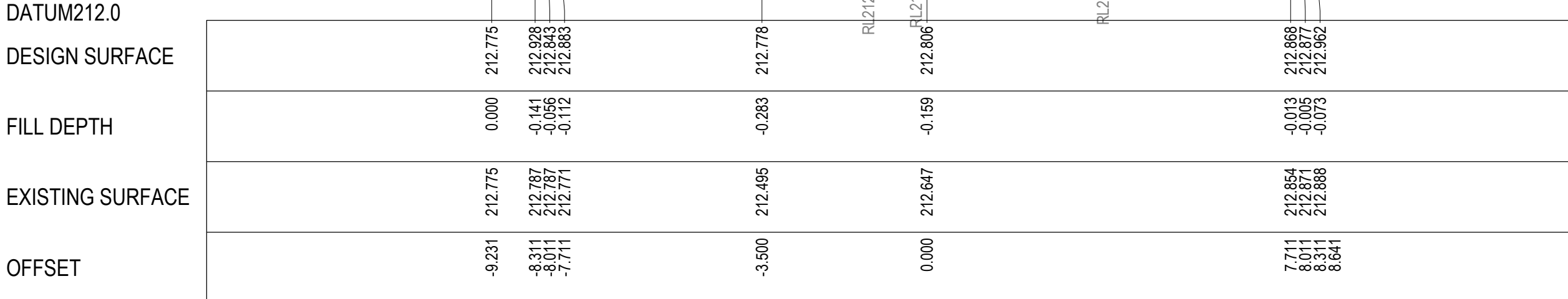
CH 260.000



CH 340.000

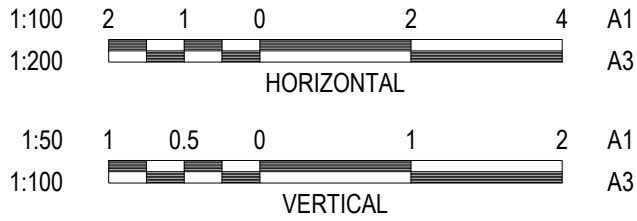


CH 325.000



CH 320.000

GARDEN STREET CROSS SECTION



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



PROJECT
SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE

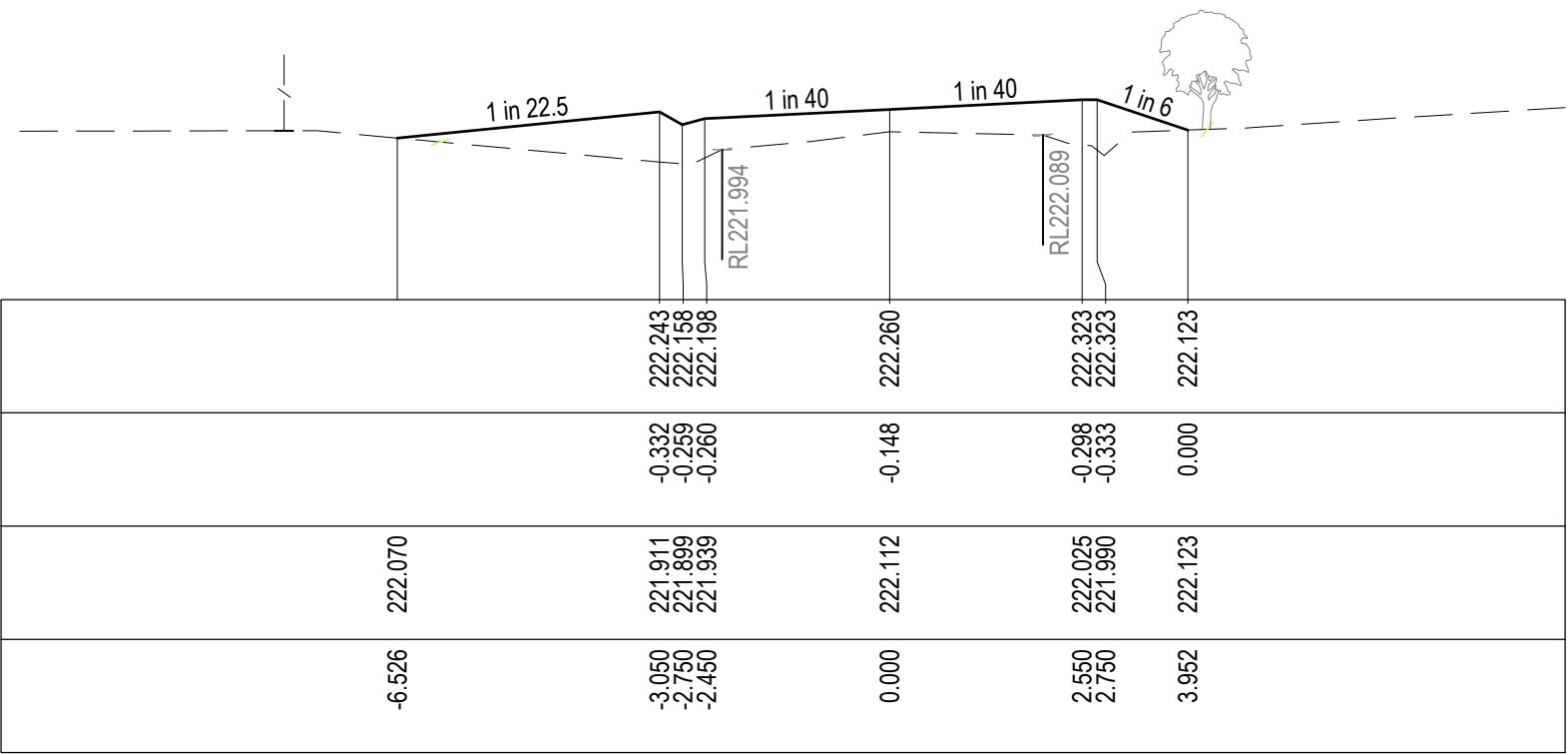
DRAWING TITLE
CARDINIA PACKAGE 10 -
CROSS SECTIONS - SHEET 4

STATUS
TENDER
NOT FOR CONSTRUCTION

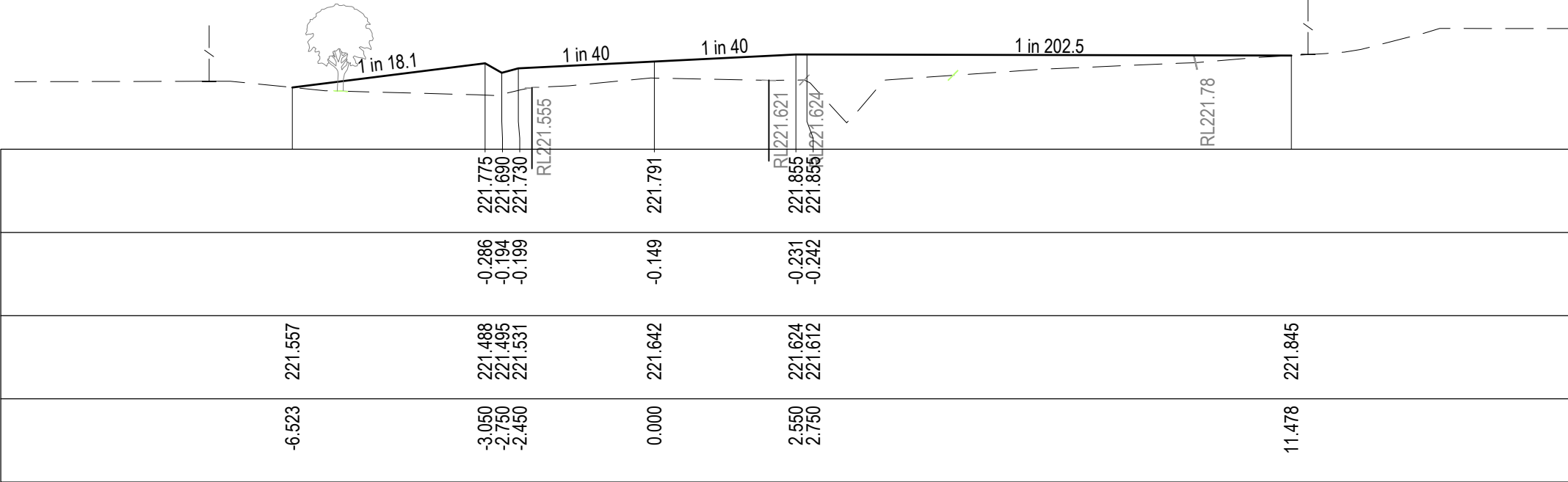
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	S.DEVGAN	M.RAHMAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	T.PALIOS	SEP 2021
PROJECT No.	DRAWING No.	REVISION
210152	R703	B

LEGEND

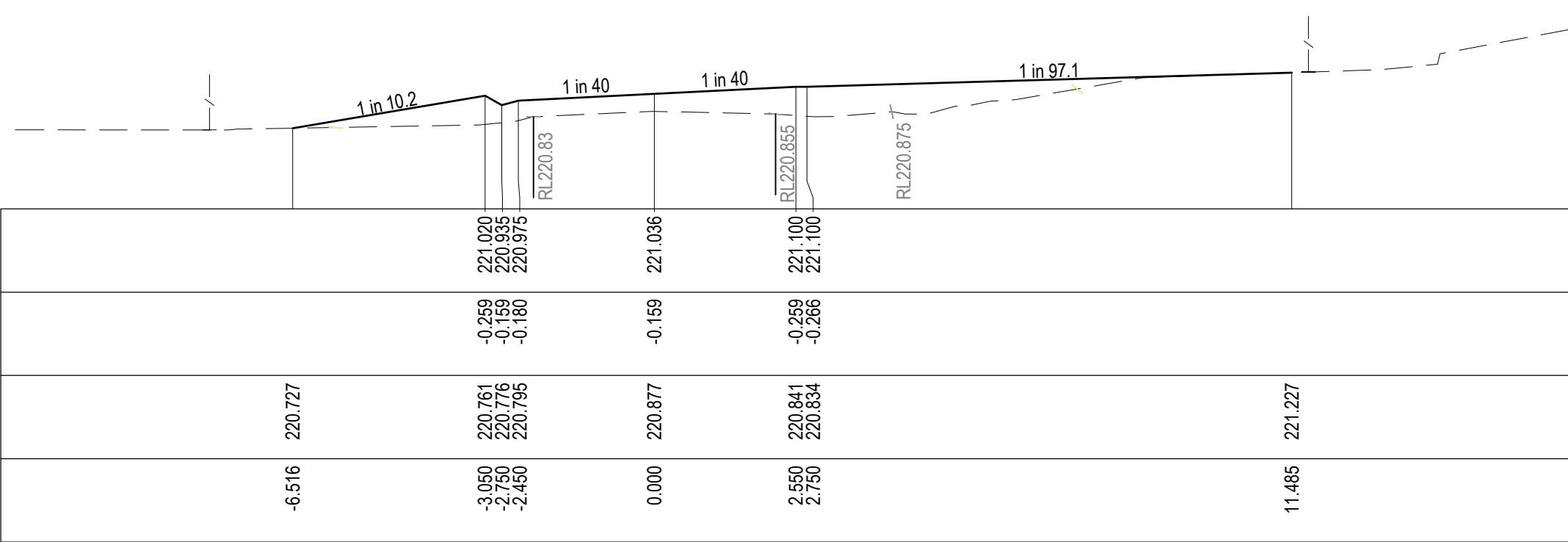
- EXISTING SURFACE
- DESIGN LINE
- SELECT STRUCTURAL FILL



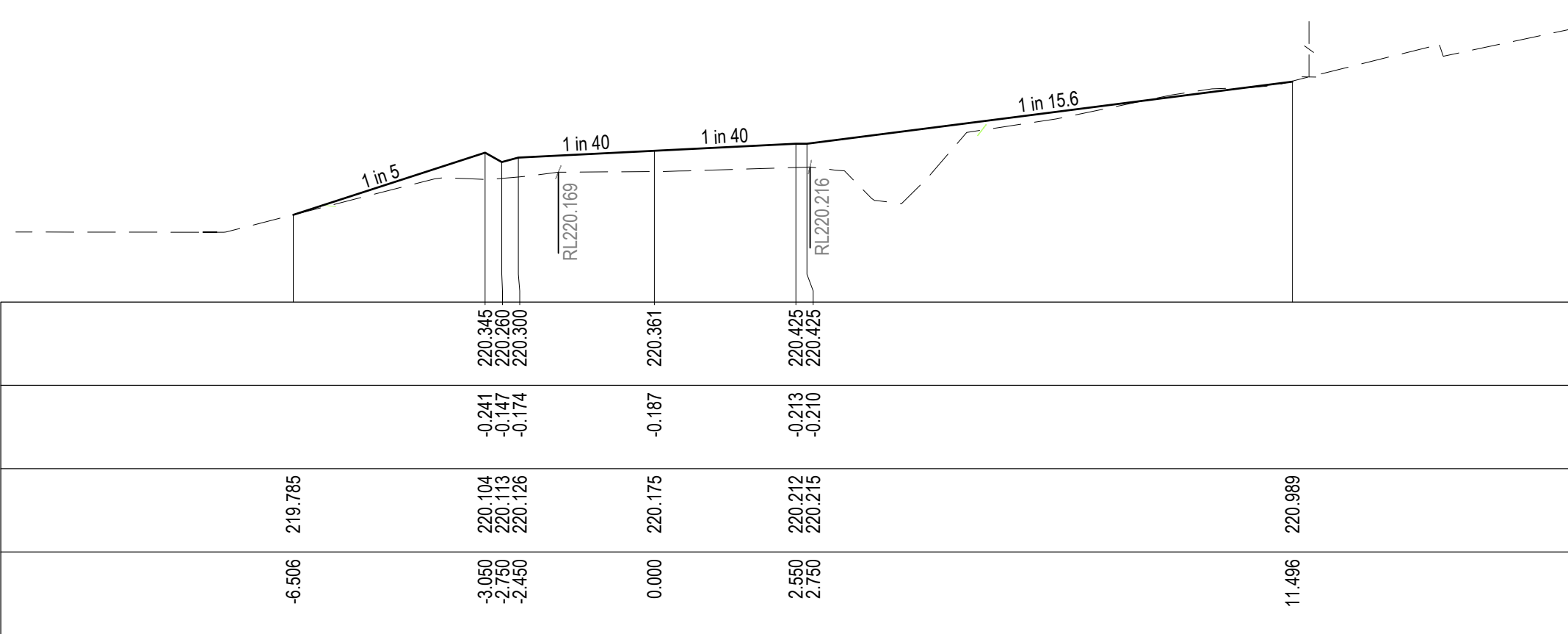
CH 44.000



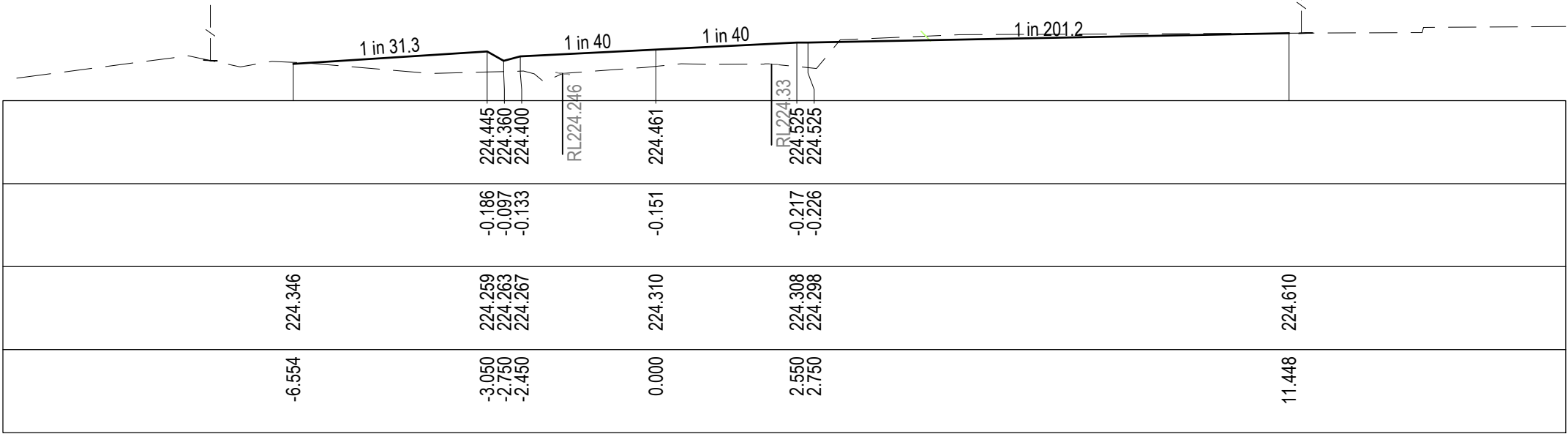
CH 40.000



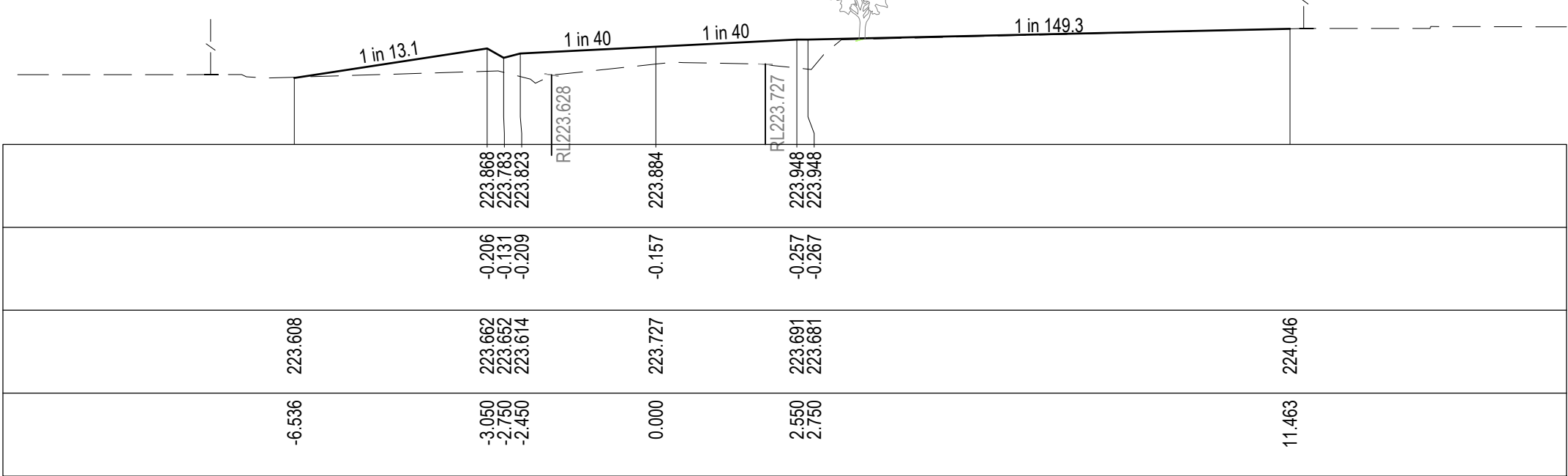
CH 32.000



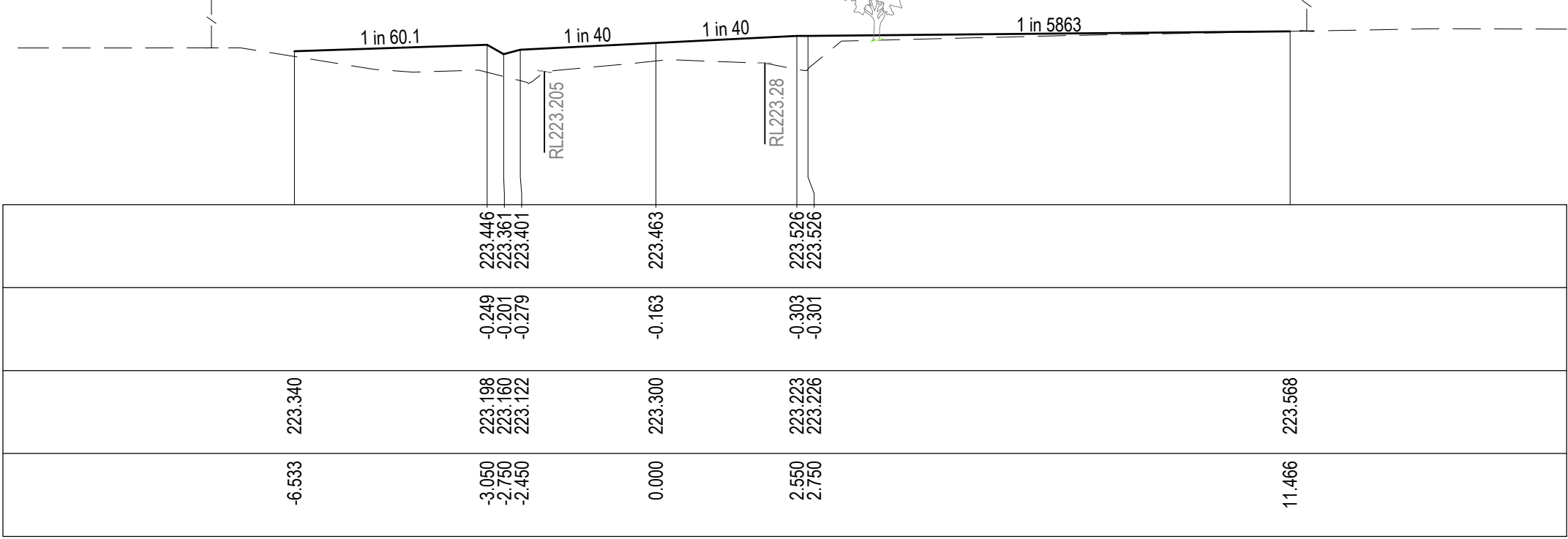
CH 20.000



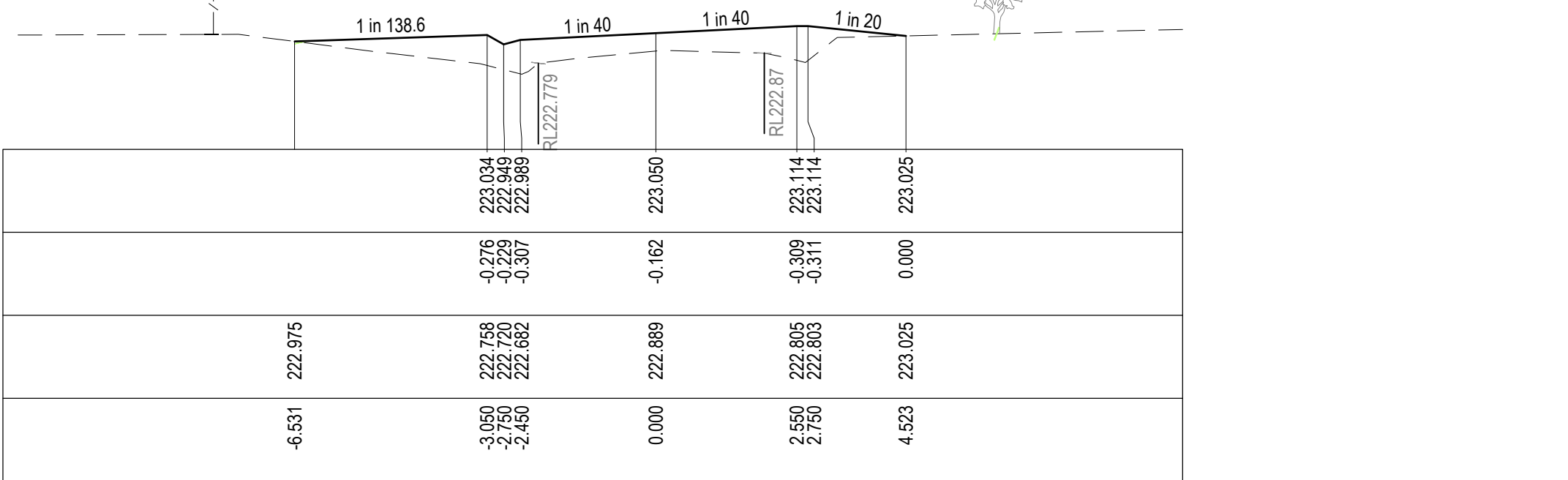
CH 60.000



CH 56.000

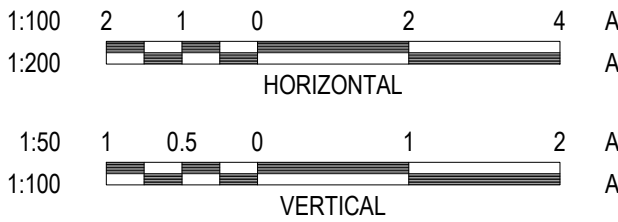


CH 53.000



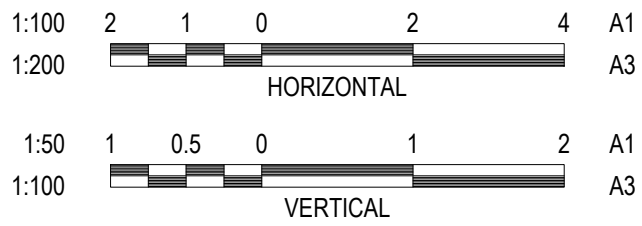
CH 50.000

GLEN ROAD CROSS SECTION

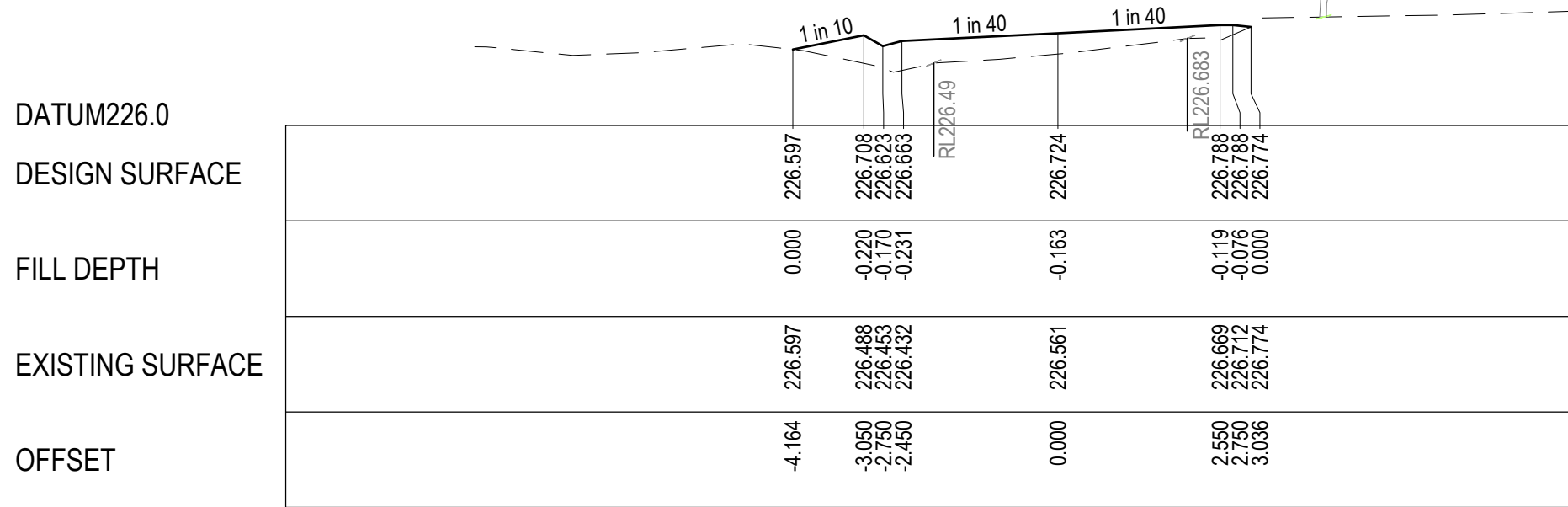


REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
										AS SHOWN	S.DEVGAN	M.RAHMAN
										PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
										M.TROUNCE	T.PALIOS	SEP 2021
										PROJECT No.	DRAWING No.	REVISION
										210152	R704	B

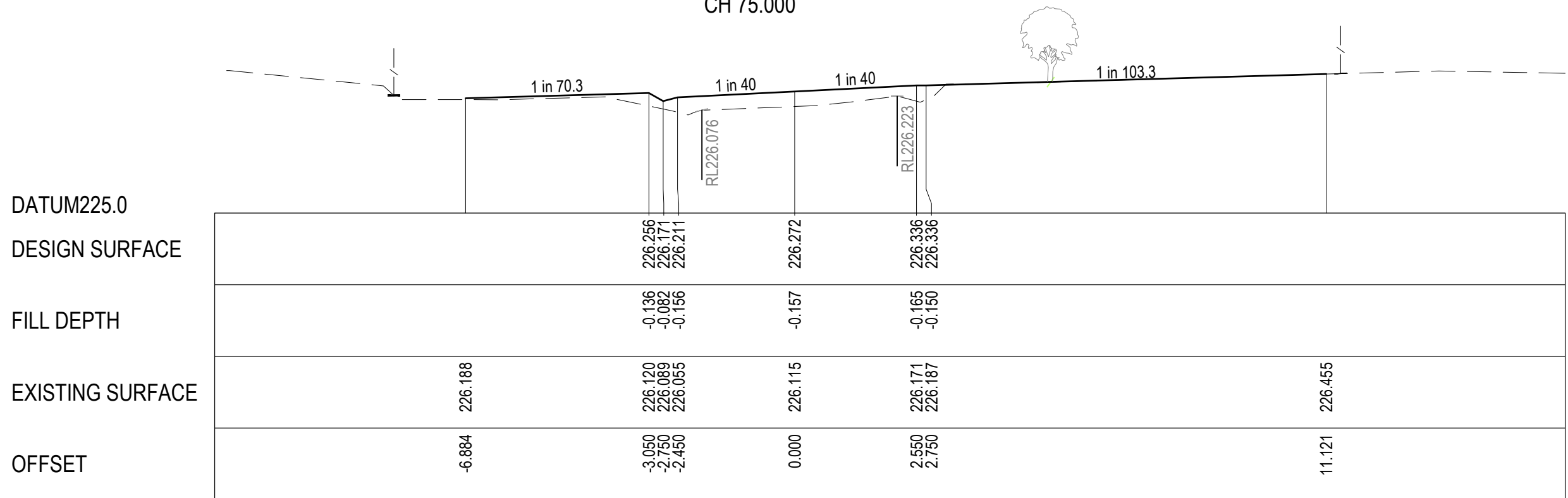
P:\2021\210152 - CARDINIA SHIRE COUNCIL - DESIGN SERVICES - PACKAGES 15 & 16\ENV12 - DRAFTING\CAD\DESIGN PACKAGE 10\210152-10 - R700 - ROAD CROSS SECTIONS.DWG



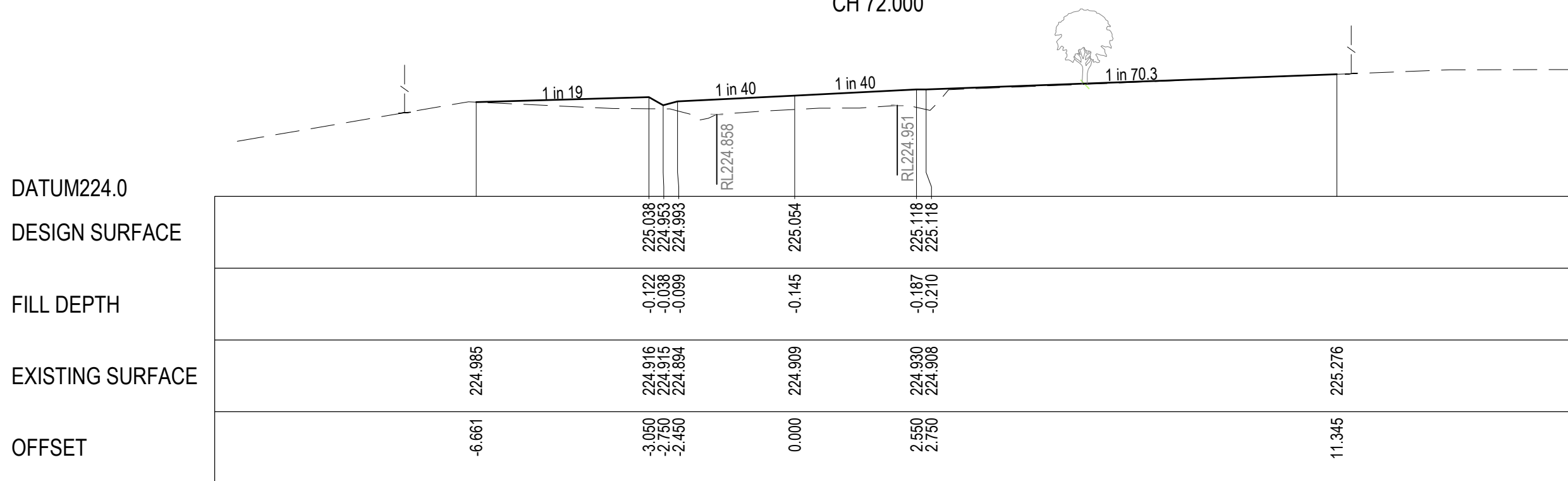
LEGEND		
	EXISTING SURFACE	
	DESIGN LINE	
	SELECT STRUCTURAL FILL	



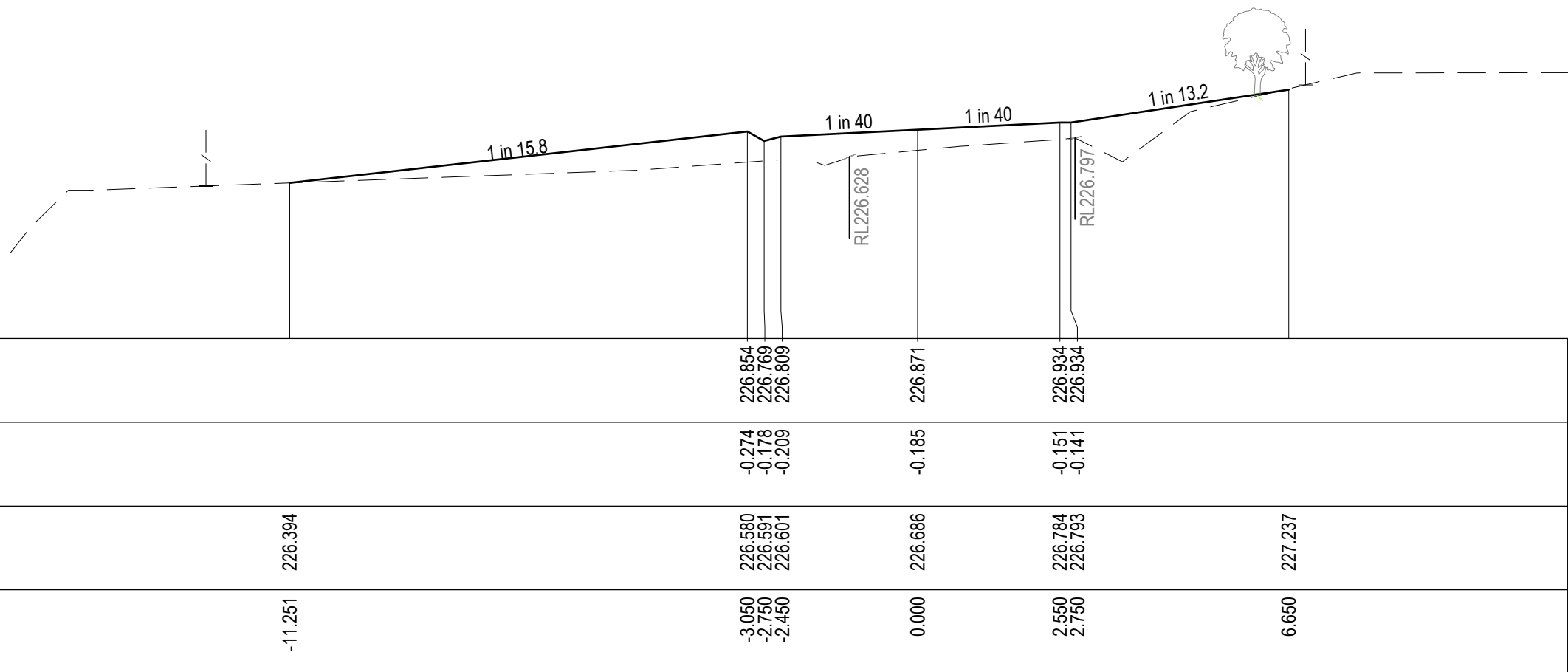
CH 75.000



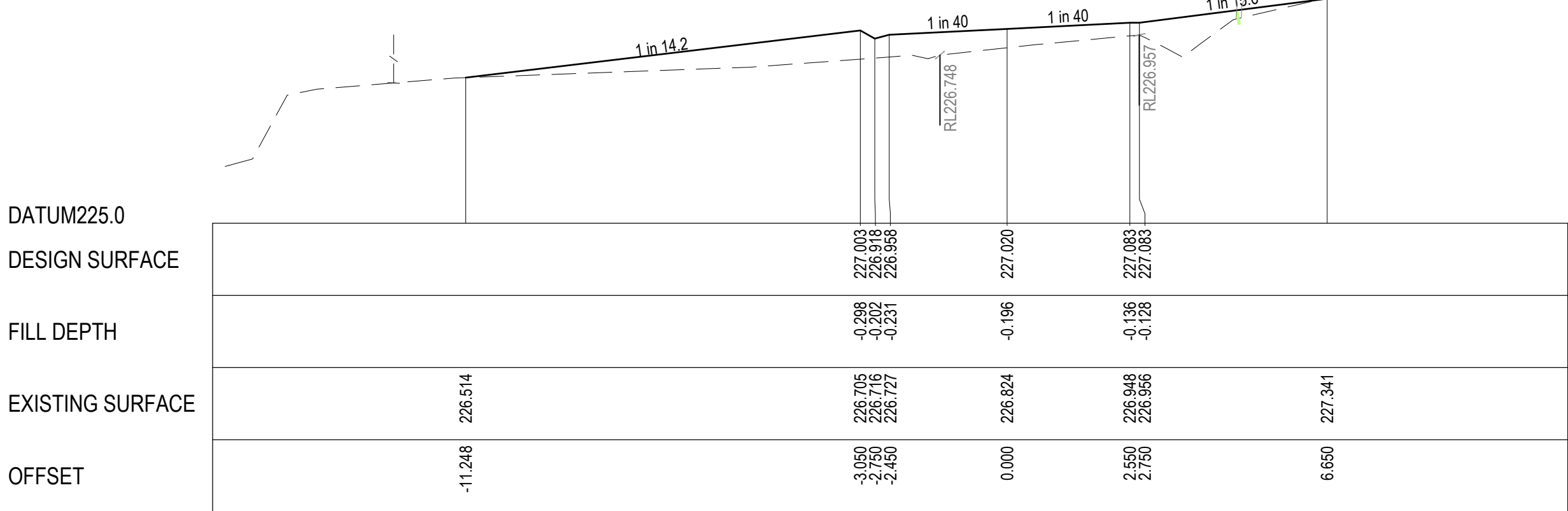
CH 72.000



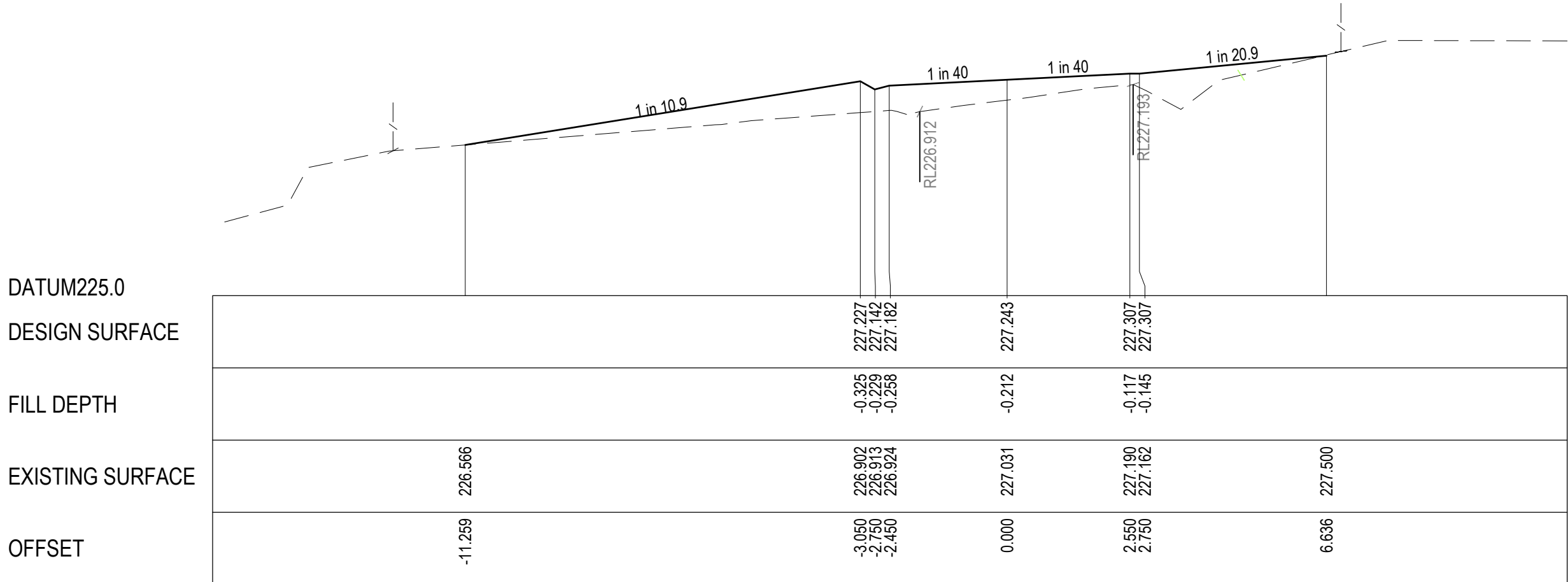
CH 64.000



CH 105.000



CH 103.000



CH 100.000

GLEN ROAD CROSS SECTION

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



PROJECT
**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

DRAWING TITLE
**CARDINIA PACKAGE 10 -
CROSS SECTIONS - SHEET 6**

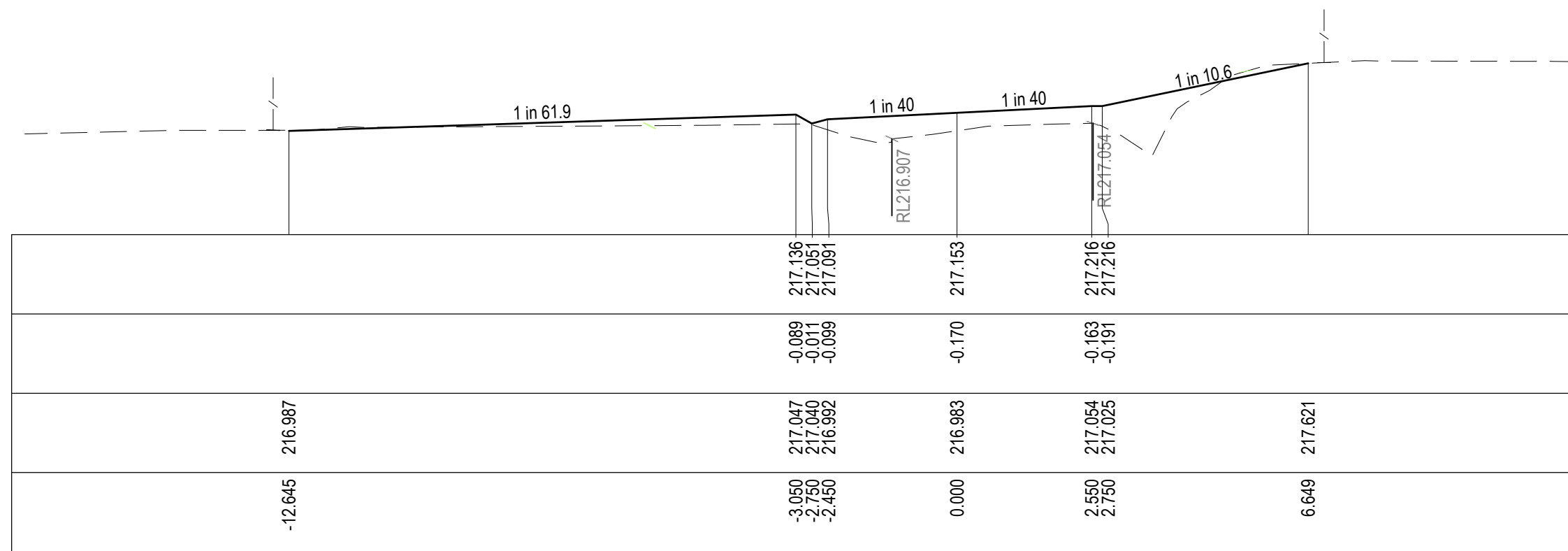
STATUS
**TENDER
NOT FOR CONSTRUCTION**

SCALE AT A1 AS SHOWN	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R705	REVISION B

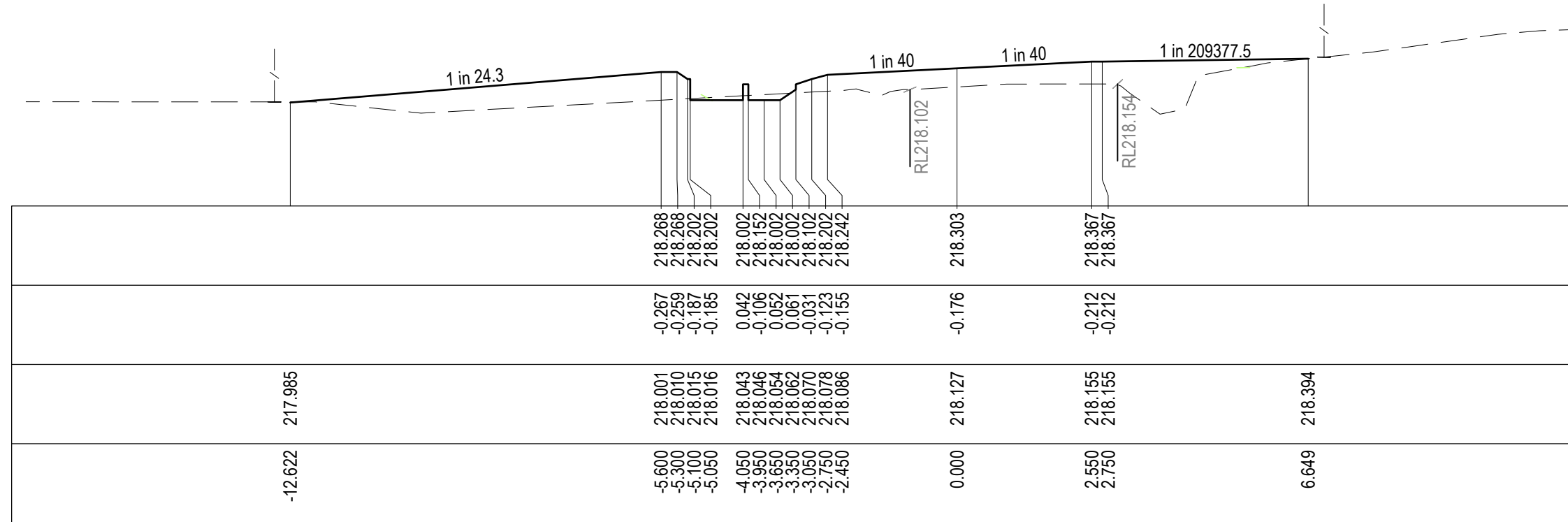
LEGEND

--- EXISTING SURFACE
--- DESIGN LINE
/// SELECT STRUCTURAL FILL

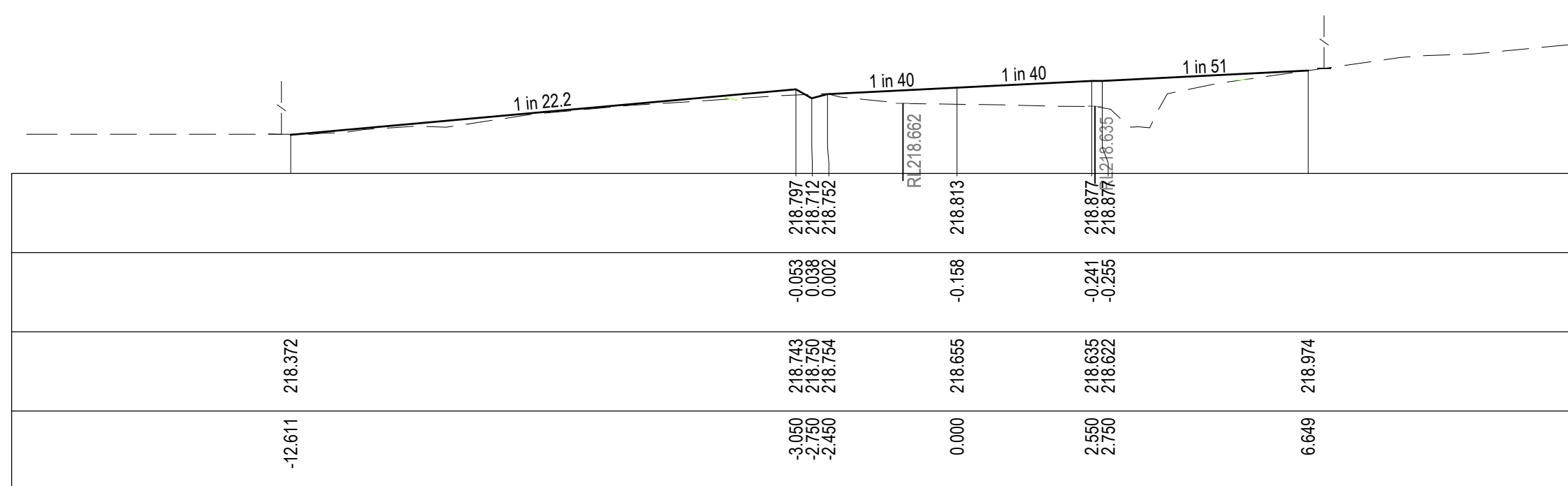
DATUM216.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



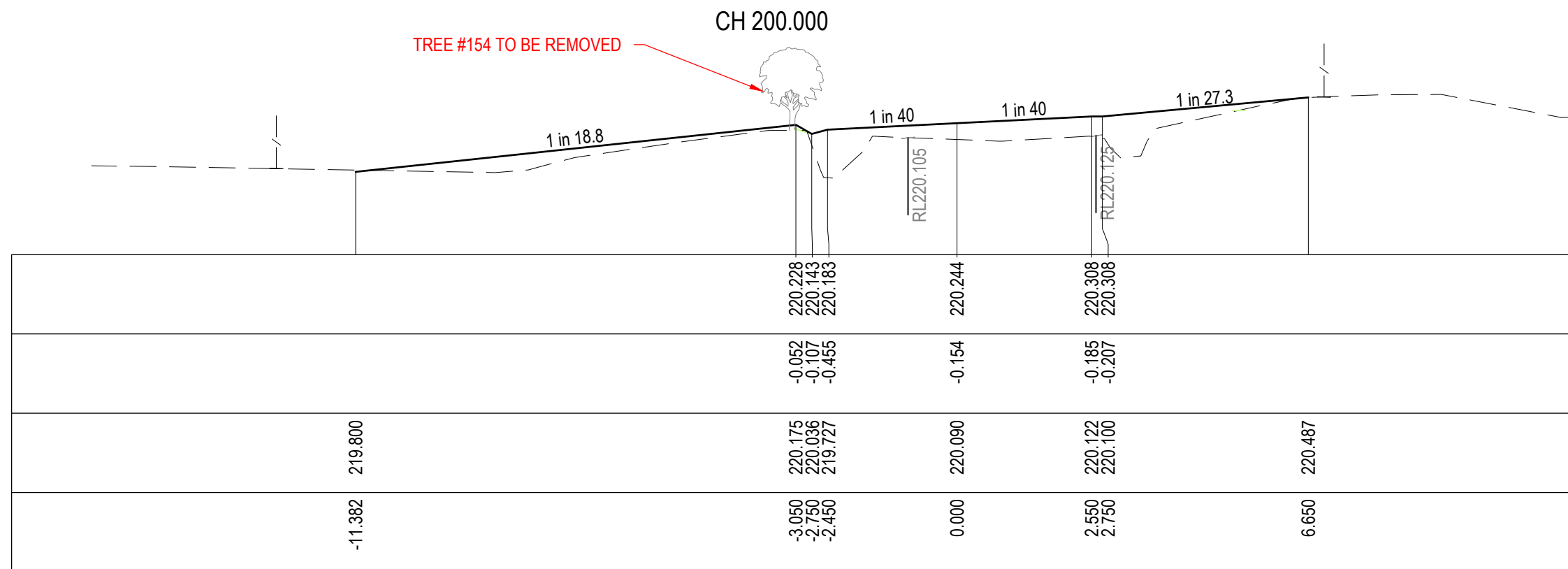
DATUM217.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



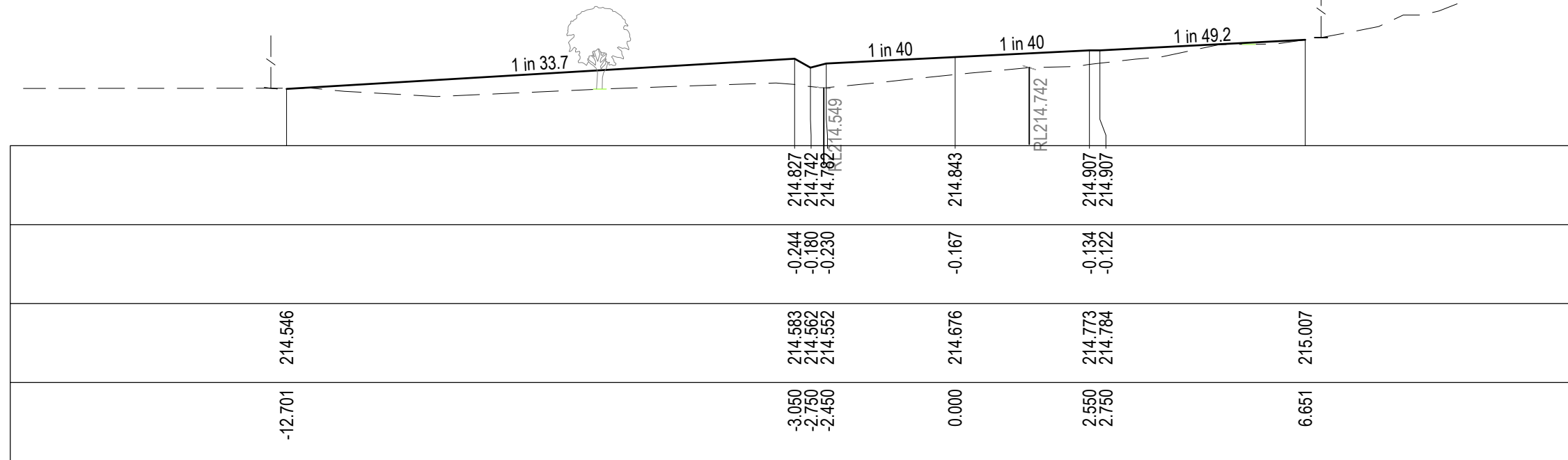
DATUM218.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



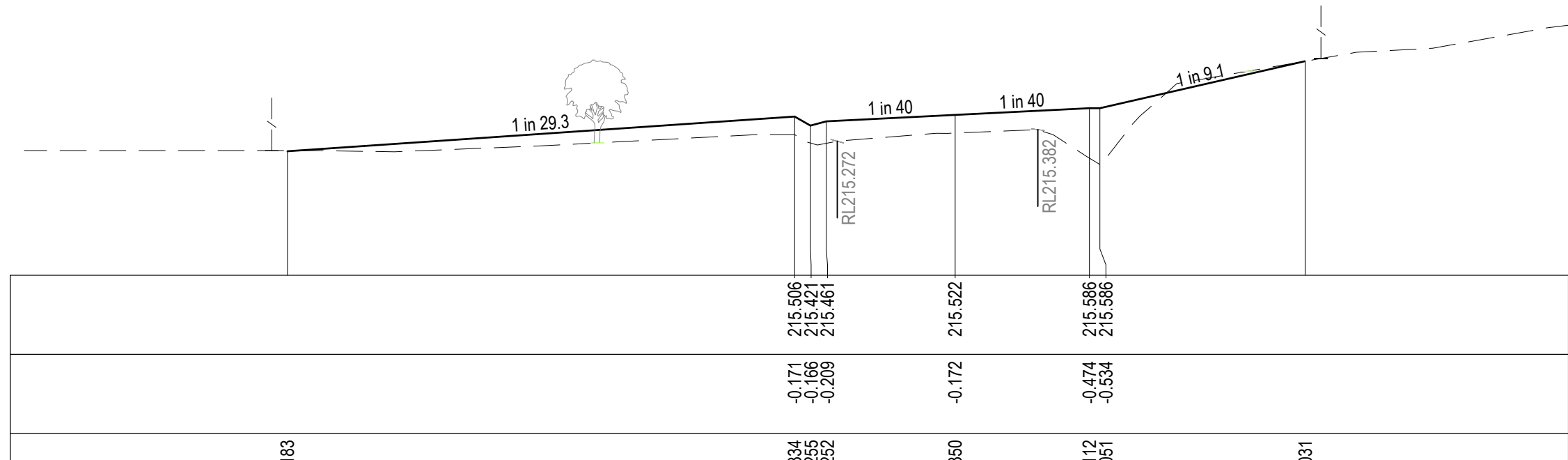
DATUM219.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



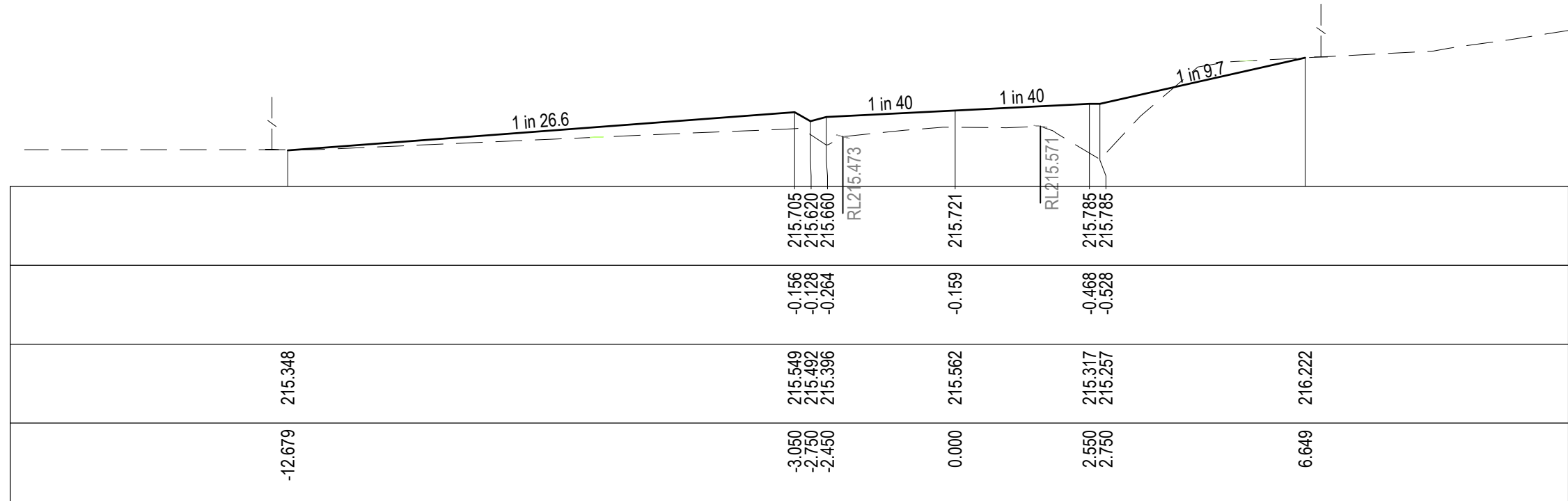
DATUM214.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



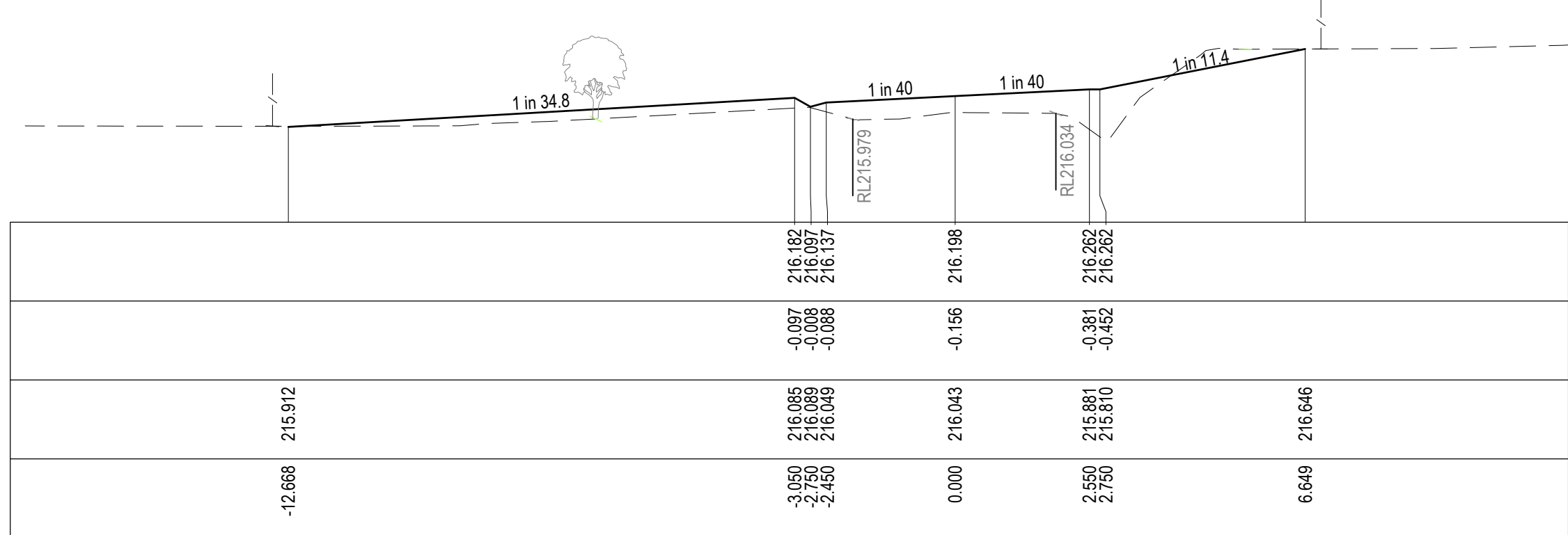
DATUM214.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



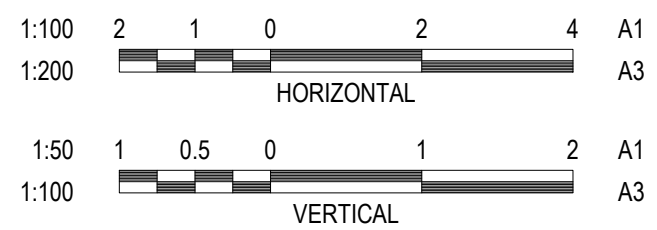
DATUM215.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



DATUM215.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



GLEN ROAD CROSS SECTION



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
										AS SHOWN	S.DEVGAN	M.RAHMAN
										PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
										M.TROUNCE	T.PALIOS	SEP 2021
										PROJECT No.	DRAWING No.	REVISION
										210152	R707	B
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.							
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.							

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

SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE

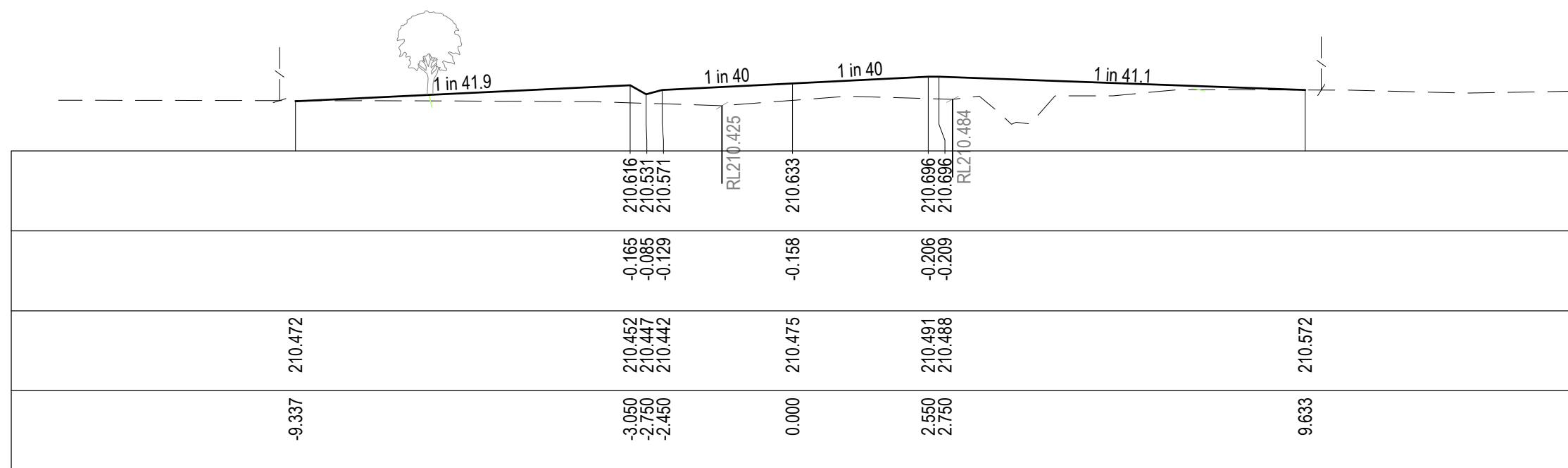
CARDINIA PACKAGE 10 -
CROSS SECTIONS - SHEET 8

TENDER
NOT FOR CONSTRUCTION

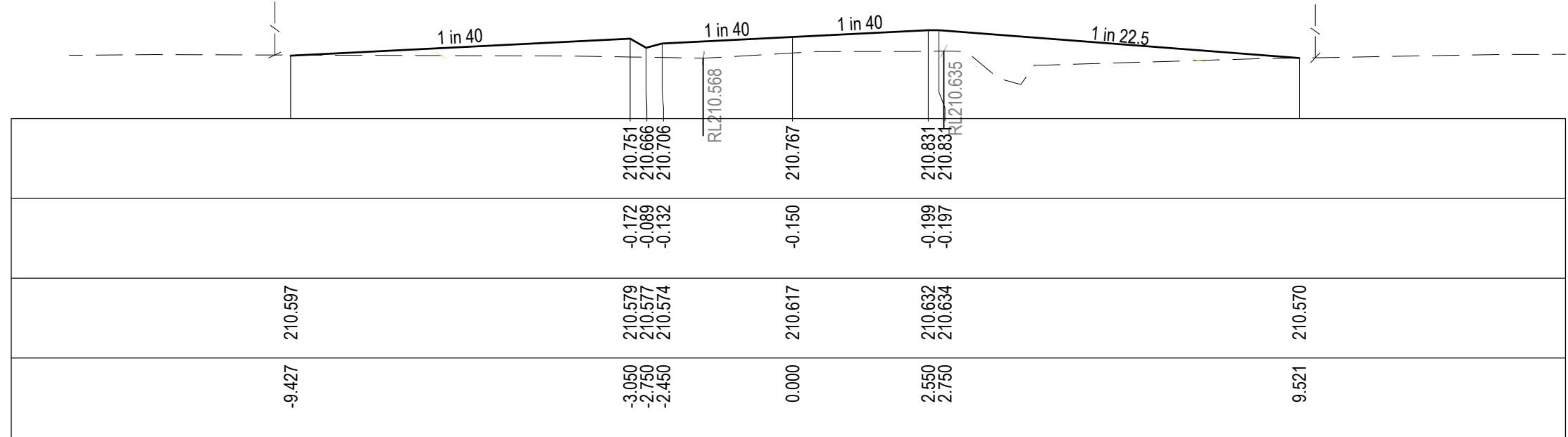
LEGEND

--- EXISTING SURFACE
--- DESIGN LINE
/// SELECT STRUCTURAL FILL

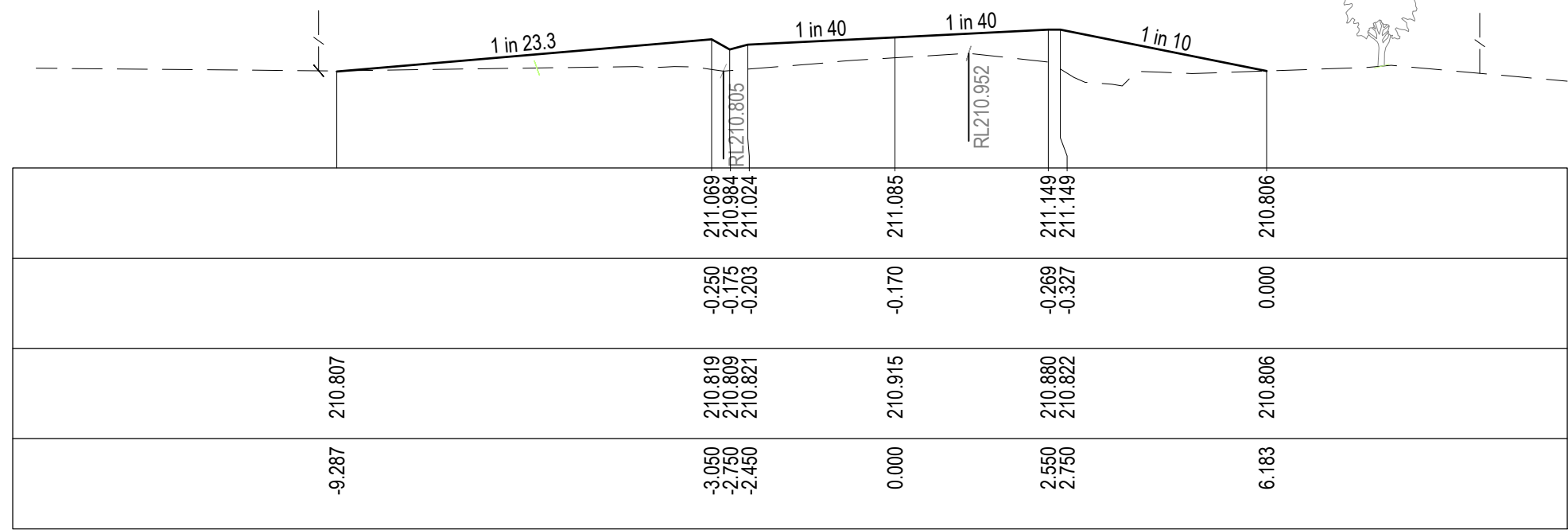
DATUM210.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



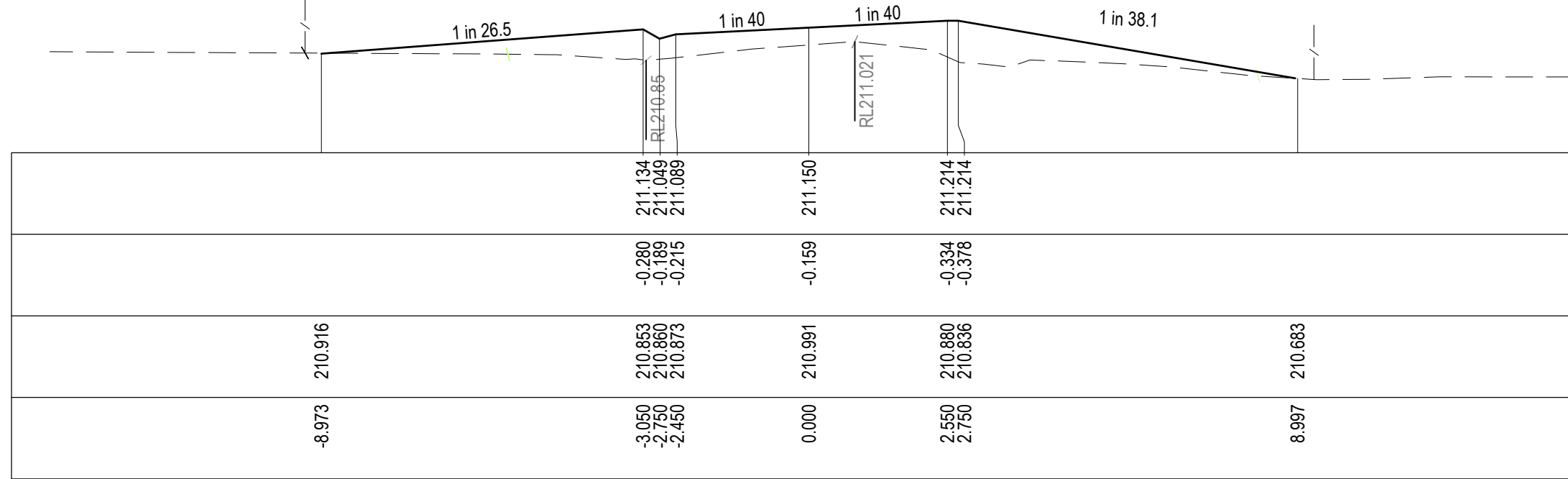
DATUM210.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



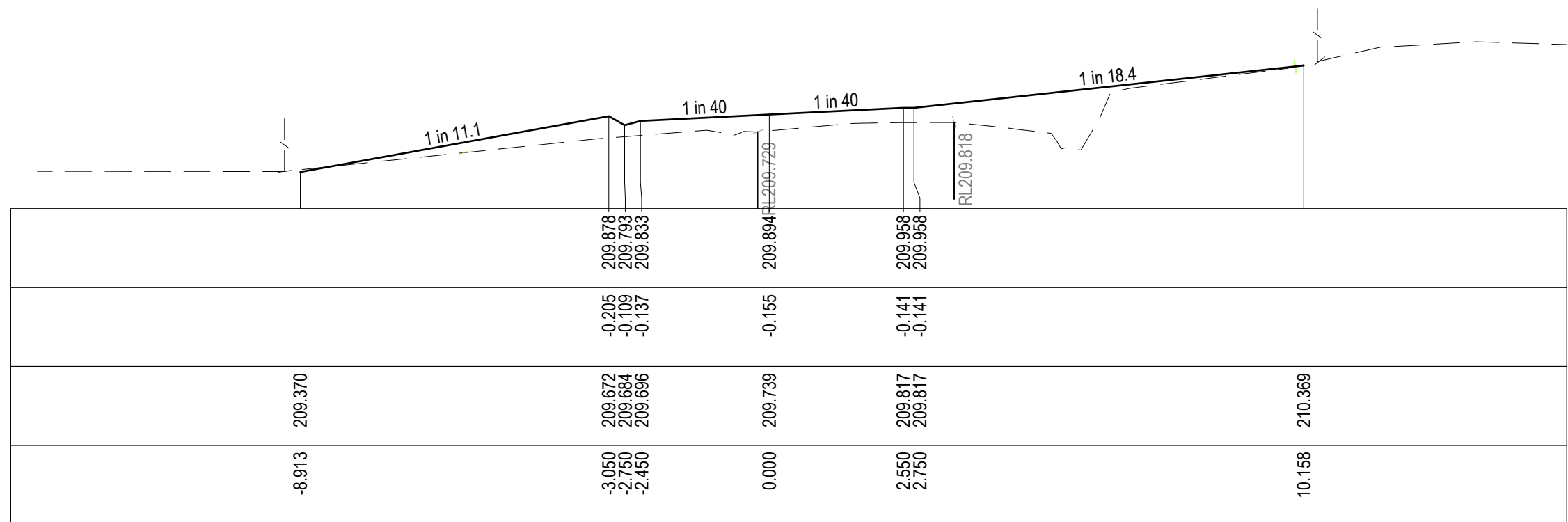
DATUM210.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



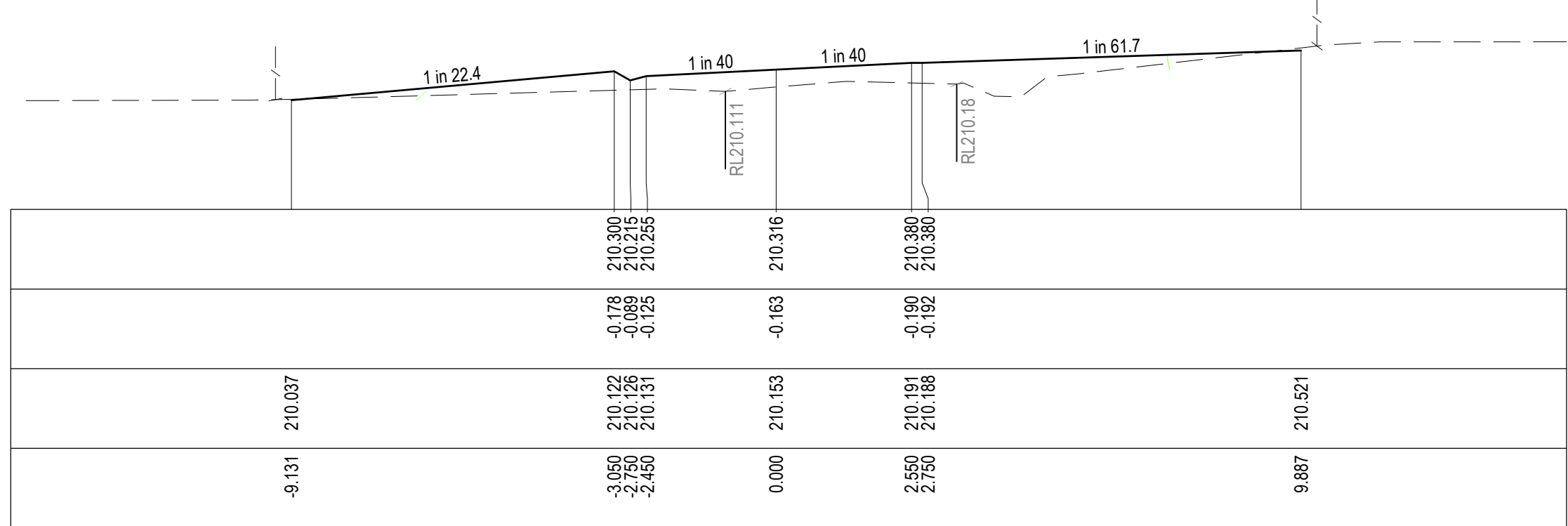
DATUM210.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



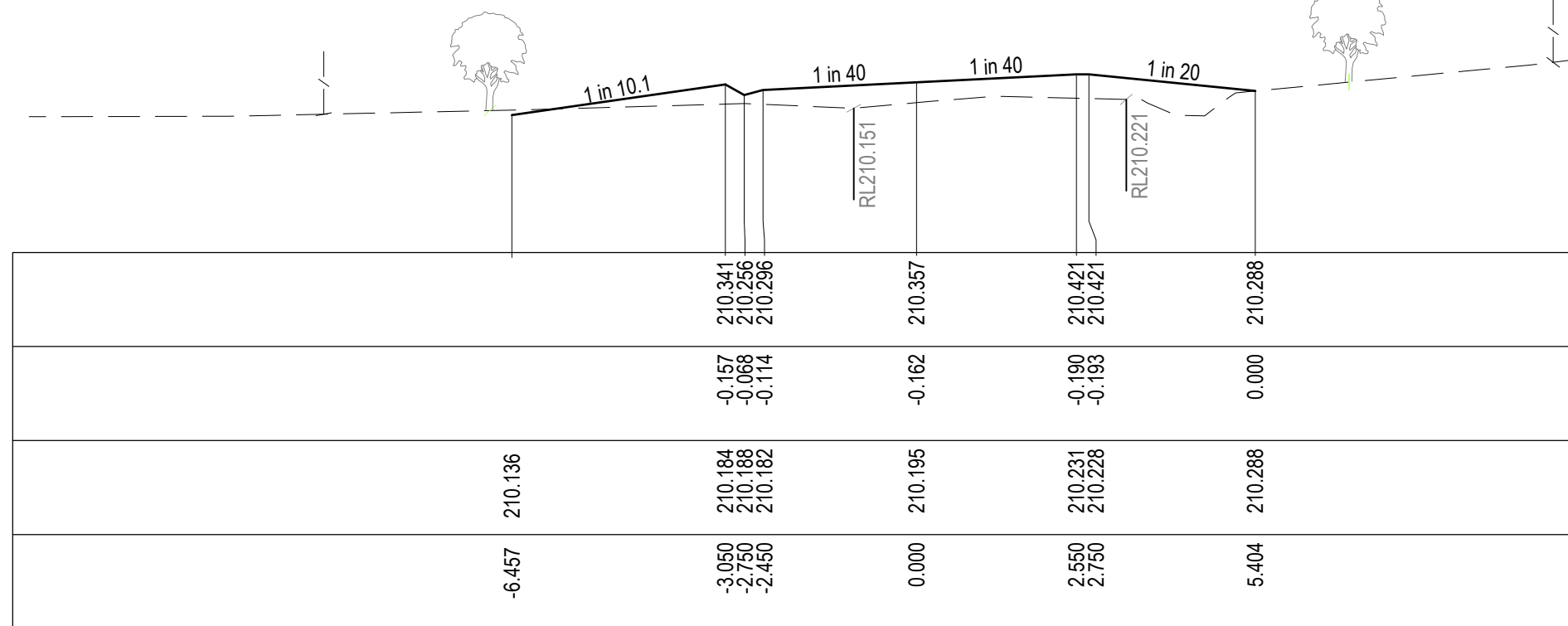
DATUM209.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



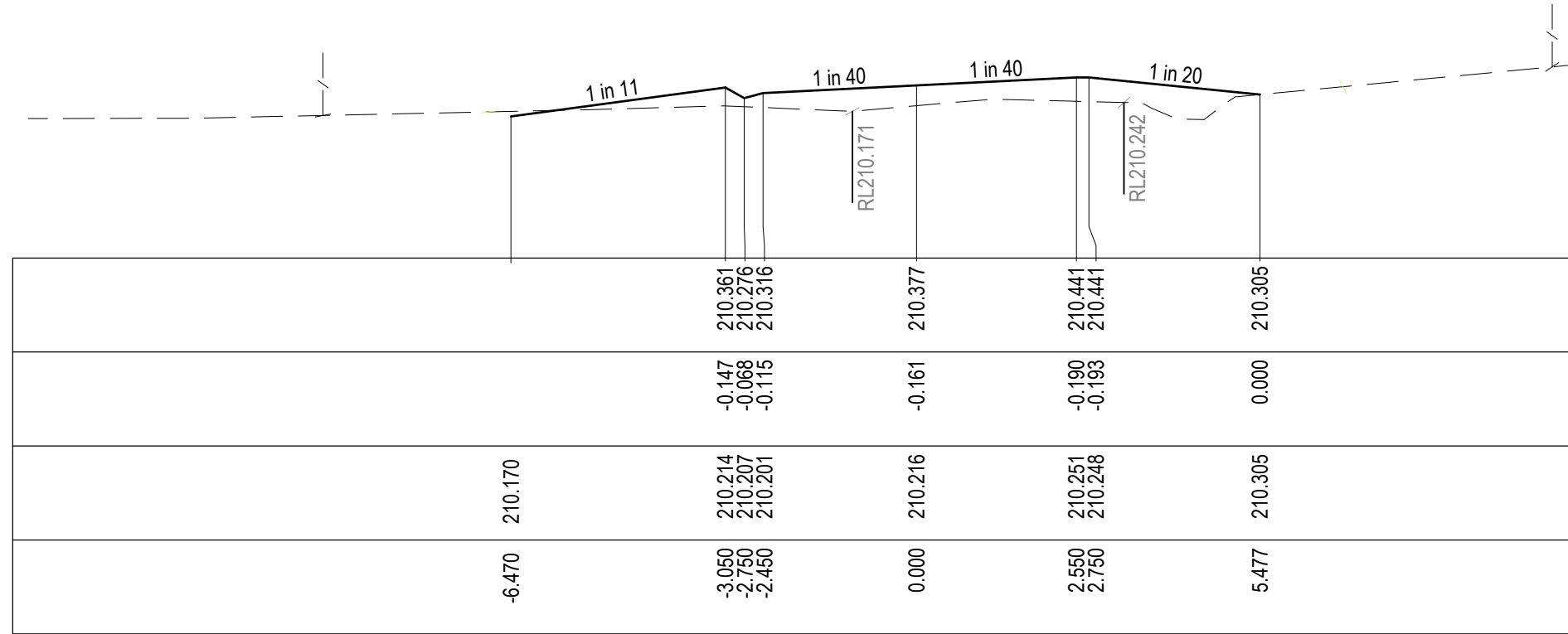
DATUM209.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



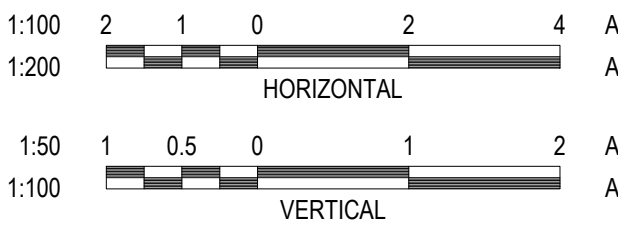
DATUM209.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



DATUM209.0
DESIGN SURFACE
FILL DEPTH
EXISTING SURFACE
OFFSET



GLEN ROAD CROSS SECTION



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.

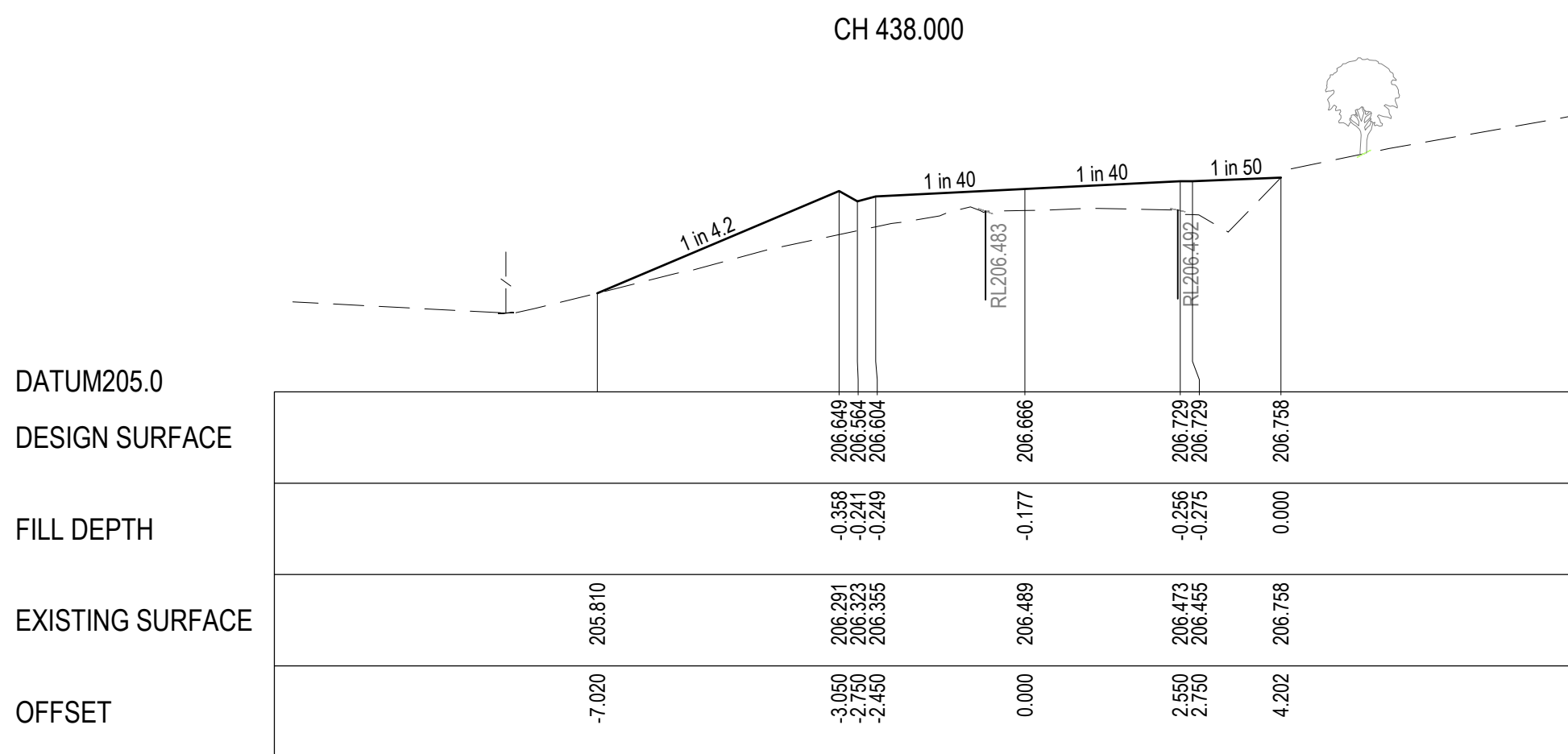
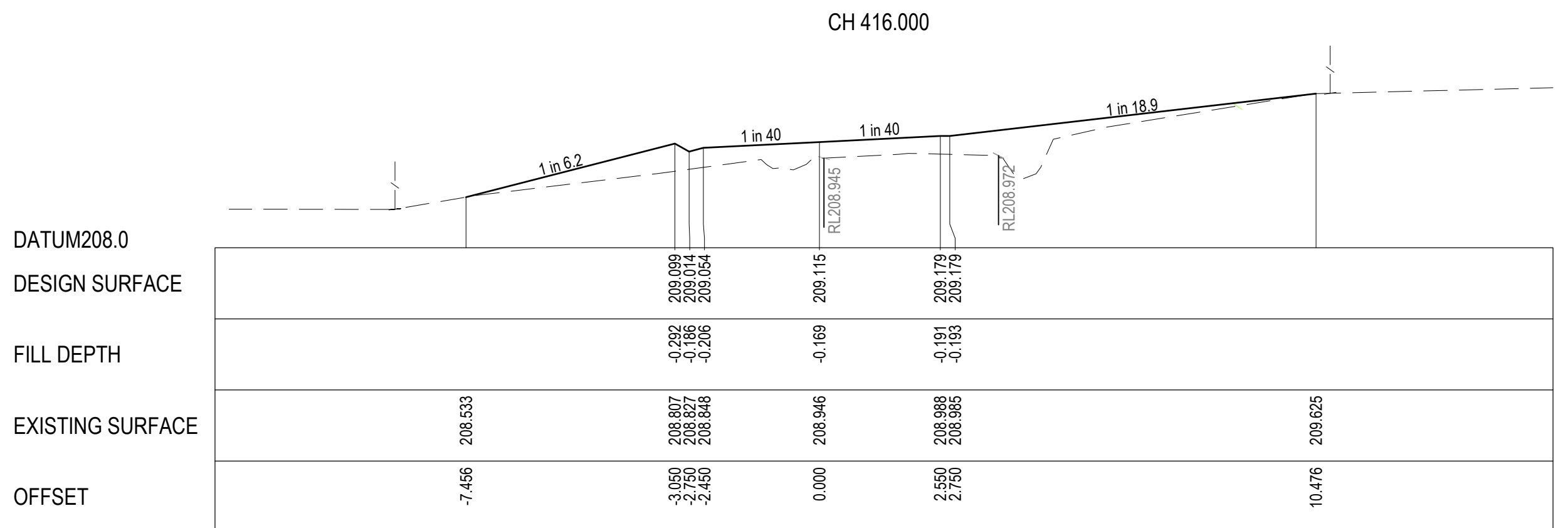
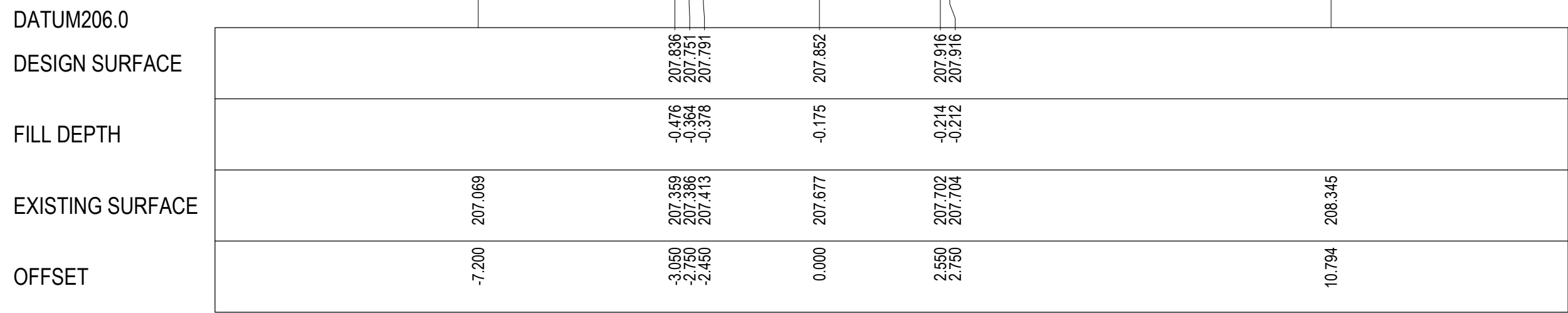


PROJECT
**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

DRAWING TITLE
**CARDINIA PACKAGE 10 -
CROSS SECTIONS - SHEET 10**

STATUS
**TENDER
NOT FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	S.DEVGAN	M.RAHMAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	T.PALIOS	SEP 2021
PROJECT No.	DRAWING No.	REVISION
210152	R709	B

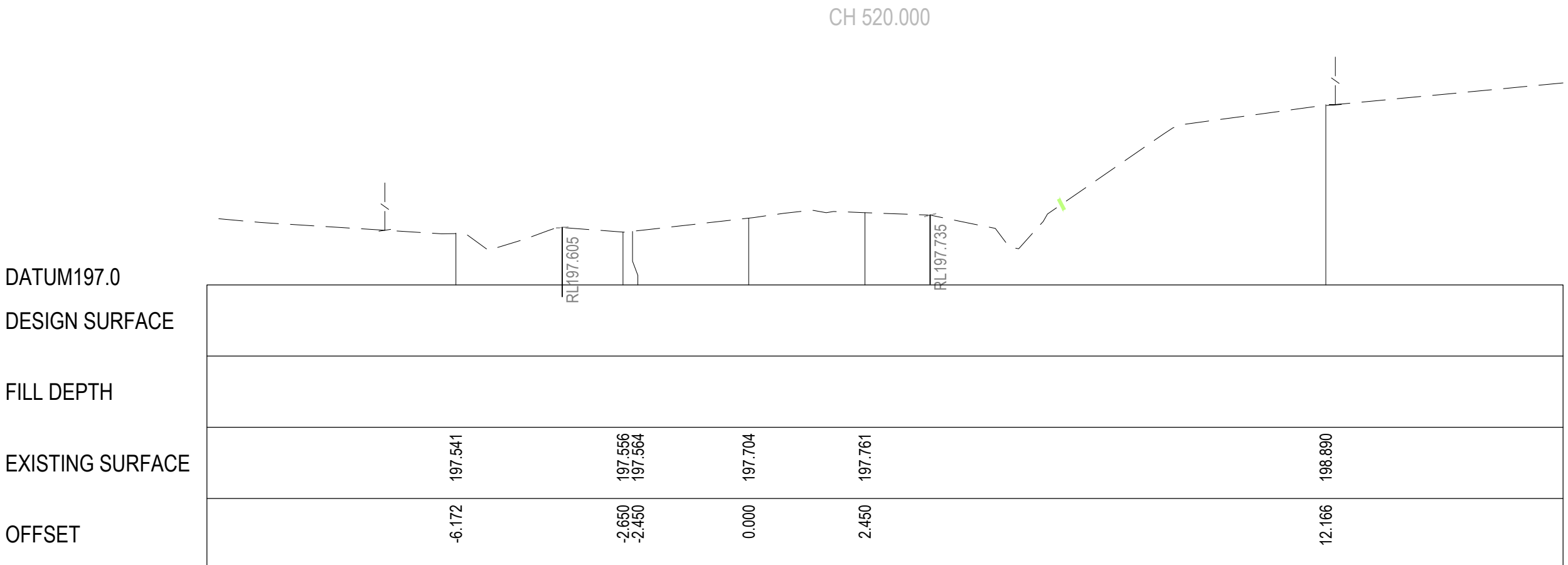
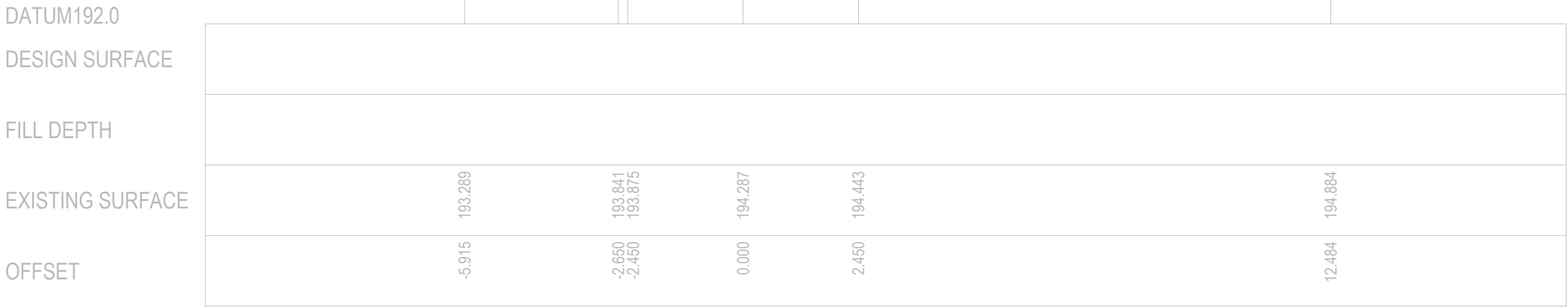
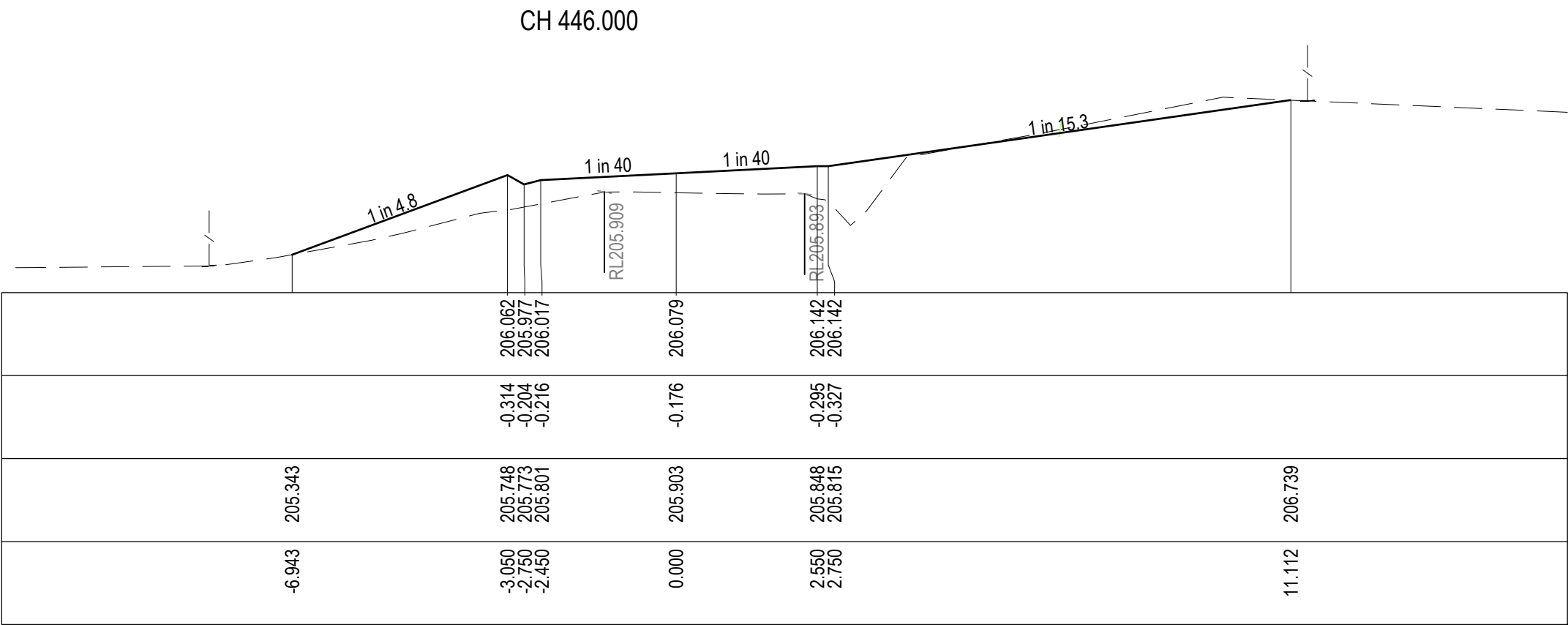
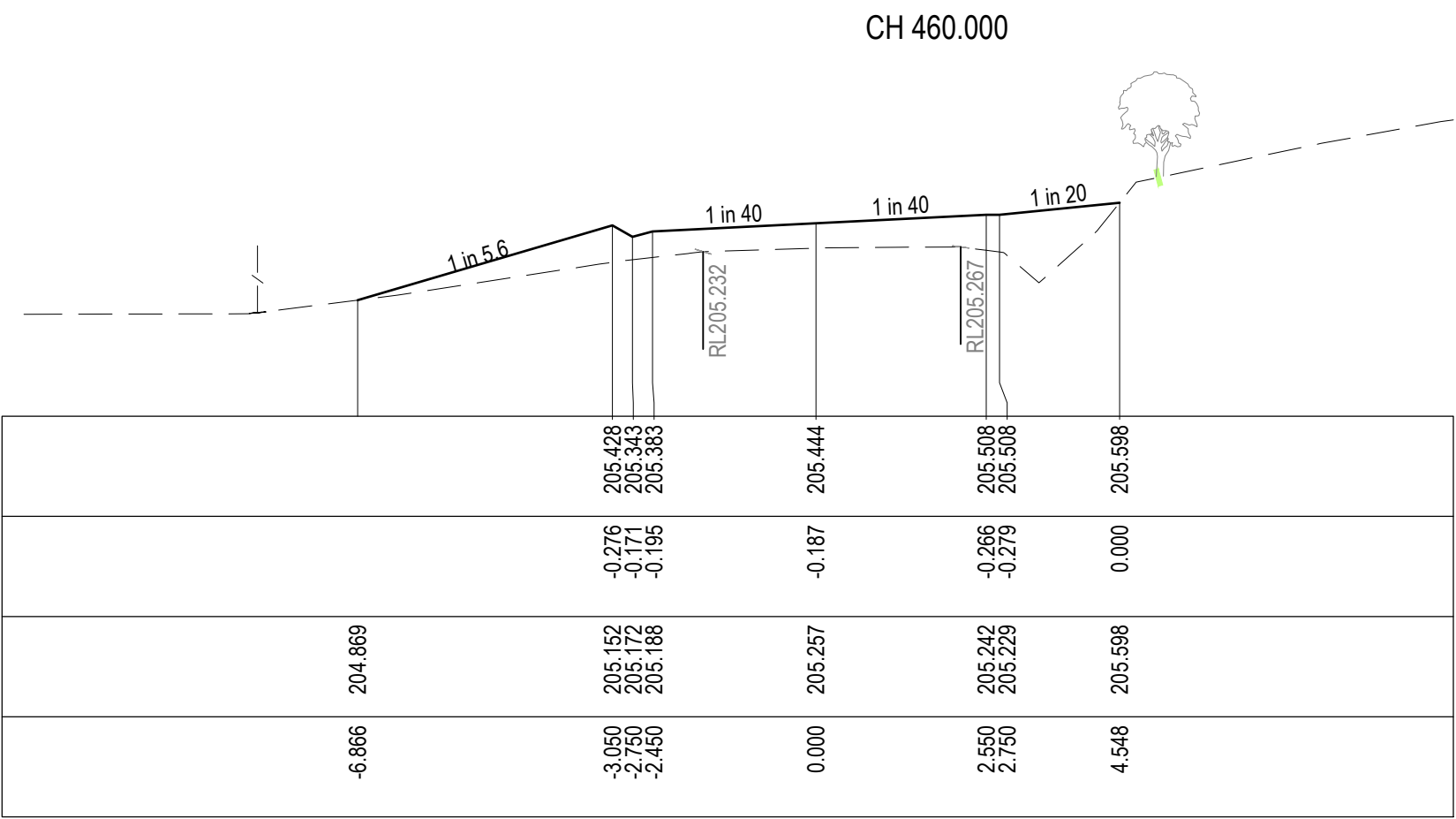
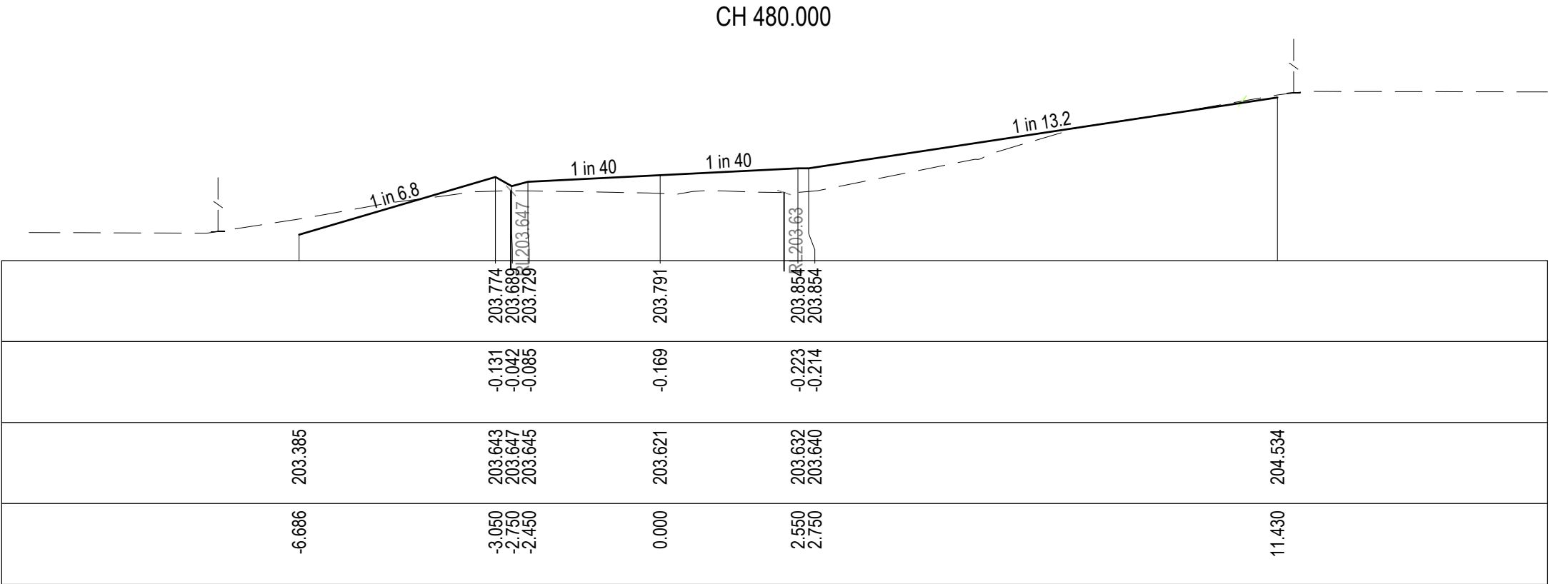
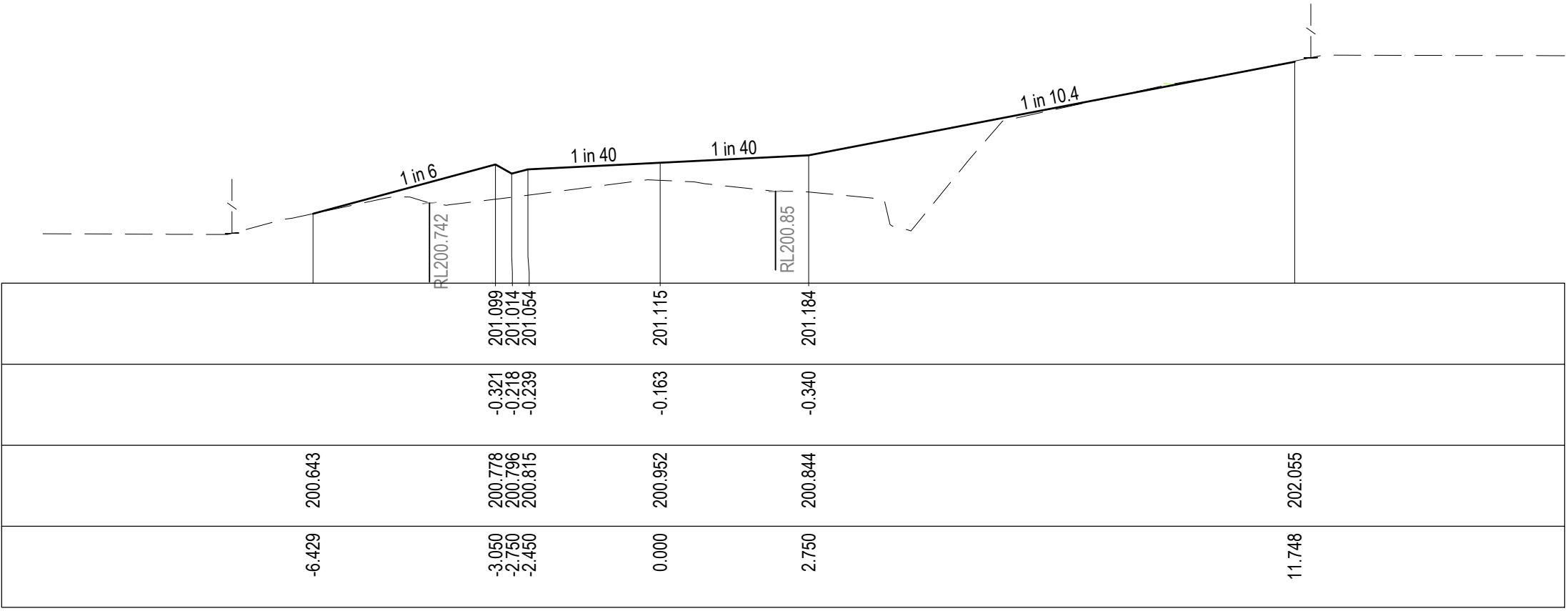


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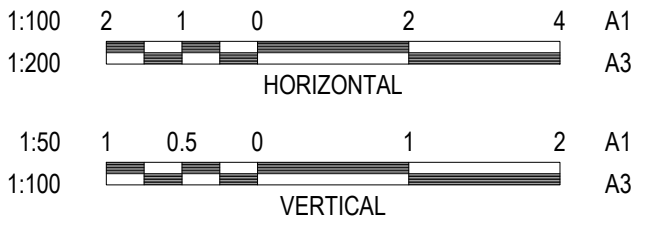
EXISTING SURFACE

DESIGN LINE

SELECT STRUCTURAL FILL



GLEN ROAD CROSS SECTION



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
										AS SHOWN	S.DEVGAN	M.RAHMAN
										PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
										M.TROUNCE	T.PALIOS	SEP 2021
										PROJECT No.	DRAWING No.	REVISION
										210152	R711	B
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.							
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.							

Cardinia

creo

CONSULTANTS

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

SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE

DRAWING TITLE
CARDINIA PACKAGE 10 -
CROSS SECTIONS - SHEET 12

STATUS

TENDER
NOT FOR CONSTRUCTION

PROJECT

SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE

DRAWING TITLE

CARDINIA PACKAGE 10 -
CROSS SECTIONS - SHEET 12

STATUS

TENDER
NOT FOR CONSTRUCTION

SCALE AT A1

AS SHOWN

DRAWN

S.DEVGAN

DESIGNED

M.RAHMAN

PROJECT ENGINEER

M.TROUNCE

PROJECT MANAGER

T.PALIOS

DATE FIRST ISSUE

SEP 2021

PROJECT No.

210152

DRAWING No.

R711

REVISION

B

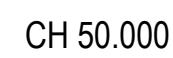
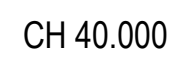


Figure 1 shows two schematic representations of test tracks. The top track is labeled 'HORIZONTAL' and has a length of 1:200 and a width of 1:100. It is divided into segments of 2, 1, 0, 2, and 4 units. The bottom track is labeled 'VERTICAL' and has a length of 1:100 and a width of 1:50. It is divided into segments of 1, 0.5, 0, 1, and 2 units. Both tracks are labeled A1 and A3.

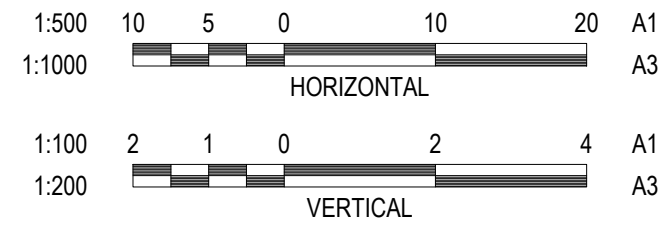
REVISION			DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
								 Cardinia	 creo CONSULTANTS Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	CARDINIA PACKAGE 10 - CROSS SECTIONS - SHEET 13	AS SHOWN	S.DEVGAN	M.RAHMAN
						PROJECT ENGINEER	PROJECT MANAGER					DATE FIRST ISSUE		
						M.TROUNCE	T.PALIOS					SEP 2021		
						PROJECT No.						DRAWING No.	REVISION	
						210152						R712	B	
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP			S.D.	C.L.	M.T.							
A	14/10/2022	ISSUED FOR TENDER			S.D.	M.R.	M.T.							

NOTES

- PIPE TRENCHES WITHIN THE ROAD RESERVE MUST BE BACKFILLED WITH 20mm NOM. SIZE CLASS 3 CRUSHED ROCK TO BE COMPACTED TO A DRY DENSITY NOT LESS THAN 98% MODIFIED RELATIVE COMPACTION IN 150mm THICK LAYER FOR THE FOLLOWING:
 - BENEATH DRIVEWAY CROSSTOVERS TO THE UNDERSIDE OF THE PAVEMENT OR Crossover.
 - ADJACENT TO KERBING OR CONCRETE WORKS TO A LEVEL THAT IS NOT AFFECTED BY A 45 DEGREE ANGLE OF REPOSE FROM NEAR THE LOWER EDGE.
- ALL PIPES UNDER ROADS SHALL BE BACKFILLED WITH 2% STABILISED SAND TO SPRINGLINE. ABOVE THIS POINT, PROVIDE 20mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK (WETMIX) COMPACTED TO 98% MODIFIED COMPACTION IN 150mm MAXIMUM LAYER.
- ALL DRAINAGE PIPES TO BE SPIGOT-SOCKET RUBBER RING JOINTED (RRJ).
- ALL DRAINAGE PIPES SHALL BE CLASS 2 RCP, UNLESS OTHERWISE NOTED.
- WHERE PITS DROP LESS THAN 50mm, THE PIT FLOOR MUST BE SHAPED TO MATCH THE LOWER HALF OF THE PIPE.
- ALL SPLAYED SECTIONS OF PIPE ARE TO BE BACKFILLED WITH 2% STABILIZED SAND, 300mm ABOVE TOP OF PIPE

REINFORCED CONCRETE PIPES

ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE CONTRACTORS ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS 3725-1989, LOADS ON BURIED PIPES. CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPAIRED AT THE CONTRACTORS COST.

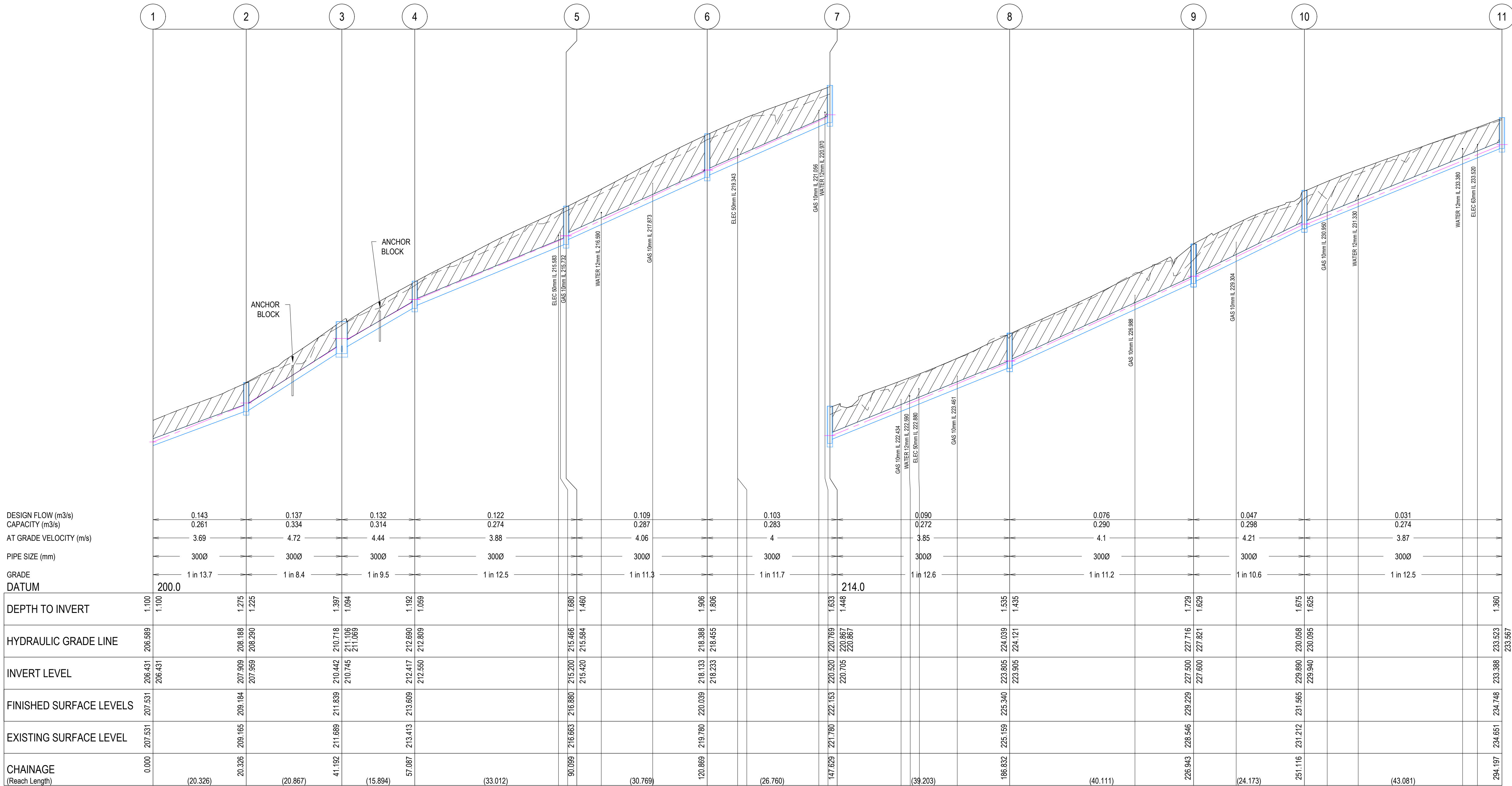


LEGEND

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

WARNING

BEWARE OF UNDERGROUND & OVERHEAD SERVICES
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



PROJECT
**SEALING THE HILLS
COCKATOO
BAKER-GLEN PACKAGE**

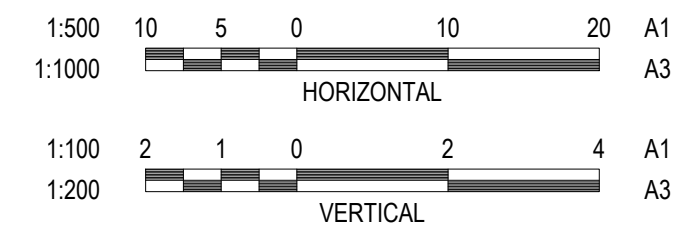
DRAWING TITLE
**CARDINIA PACKAGE 10 -
DRAINAGE LONG SECTIONS - SHEET 1**

STATUS
**TENDER
NOT FOR CONSTRUCTION**

SCALE AT A1 AS SHOWN	DRAWN S.DEVGAN	DESIGNED M.RAHMAN
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
PROJECT No. 210152	DRAWING No. R800	REVISION B

1. PIPE TRENCHES WITHIN THE ROAD RESERVE MUST BE BACKFILLED WITH 20mm NOM. SIZE CLASS 3 CRUSHED ROCK TO BE COMPACTED TO A DRY DENSITY NOT LESS THAN 98% MODIFIED RELATIVE COMPACTION IN 150mm THICK LAYER FOR THE FOLLOWING:
 - BENEATH DRIVEWAY CROSSOVERS TO THE UNDERSIDE OF THE PAVEMENT OR CROSSOVER.
 - ADJACENT TO KERBER OR CONCRETE WORKS TO A LEVEL THAT IS NOT AFFECTED BY A 45 DEGREE ANGLE OF REPOSE FROM NEAR THE LOWER EDGE.
2. ALL PIPES UNDER ROADS SHALL BE BACKFILLED WITH 2% STABILISED SAND TO SPRINGLINE. ABOVE THIS FORM, PROVIDE 20mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK (WETMIX) COMPACTED TO 98% MODIFIED COMPACTION IN 150mm MAXIMUM LAYER.
3. ALL DRAINAGE PIPES TO BE SPIGOT-SOCKET RUBBER RING JOINED (R.R.J).
4. ALL DRAINAGE PIPES SHALL BE CLASS 2 RCP, UNLESS OTHERWISE NOTED.
5. WHERE PITS DROP LESS THAN 50mm, THE PIT FLOOR MUST BE SHAPED TO MATCH THE LOWER HALF OF THE PIPE.
6. ALL SPLAYED SECTIONS OF PIPE ARE TO BE BACKFILLED WITH 2% STABILIZED SAND, 300mm ABOVE TOP OF PIPE

ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE CONTRACTORS ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS.3725-1989. LOADS ON BURIED PIPES. CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPAIRED AT THE CONTRACTORS COST.



LEGEND

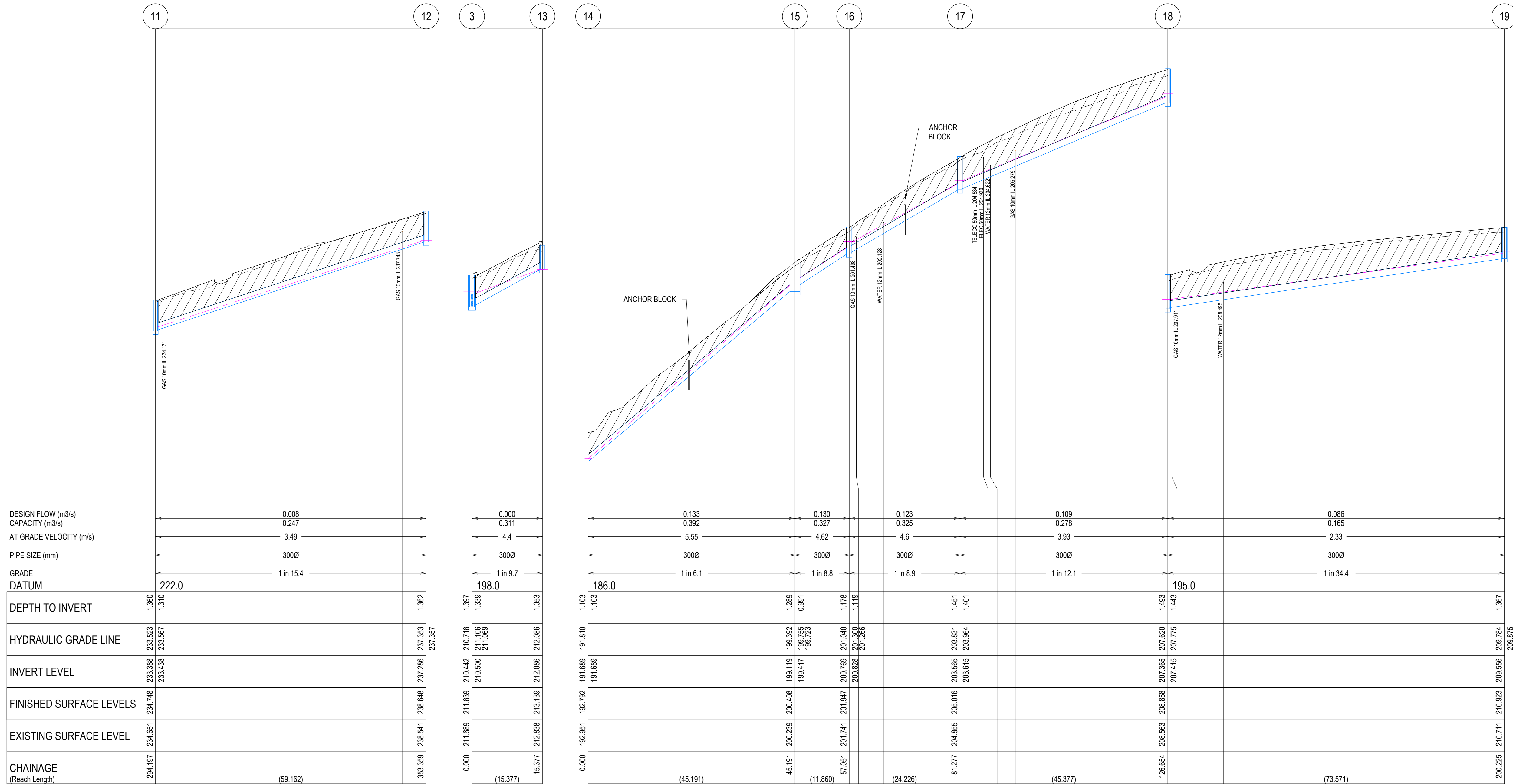
- EXISTING SURFACE
- DESIGN SURFACE
- DRAINAGE PIPE/PIT
- EXISTING DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE
-  CRUSHED ROCK BACKFILL

WARNING
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



PROJECT

SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE

DRAWING TITLE

**CARDINIA PACKAGE 10 -
DRAINAGE LONG SECTIONS - SHEET 2**

TENDER
NOT FOR CONSTRUCTION

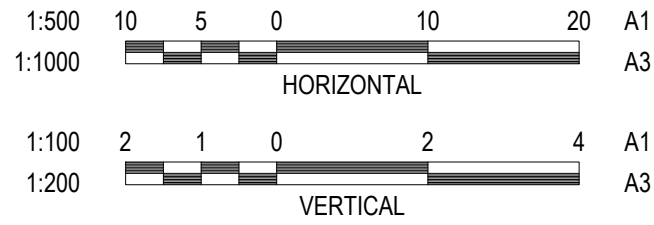
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	S.DEVGAN	M.RAHMAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	T.PALIOS	SEP 2021
PROJECT No.	DRAWING No.	REVISION
210152	R801	B

NOTES

- PIPE TRENCHES WITHIN THE ROAD RESERVE MUST BE BACKFILLED WITH 20mm NOM. SIZE CLASS 3 CRUSHED ROCK TO BE COMPACTED TO A DRY DENSITY NOT LESS THAN 98% MODIFIED RELATIVE COMPACTION IN 150mm THICK LAYER FOR THE FOLLOWING:
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REINFORCED CONCRETE PIPES

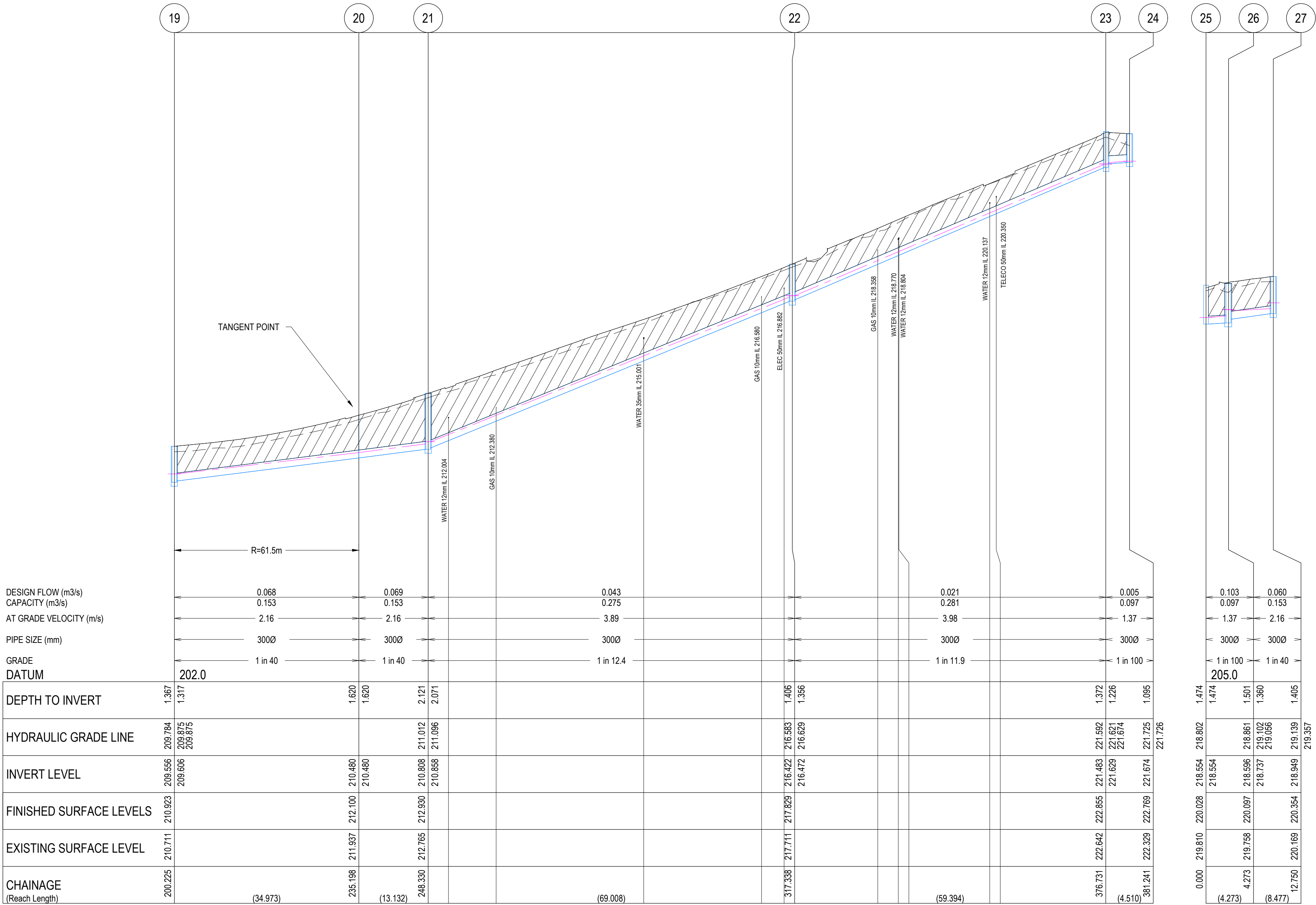
ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE CONTRACTORS ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS 3725-1989. LOADS ON BURIED PIPES. CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPAIRED AT THE CONTRACTORS COST.



LEGEND

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

WARNING
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DIAL 1100 BEFORE YOU DIG
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT  Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	PROJECT SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	DRAWING TITLE CARDINIA PACKAGE 10 - DRAINAGE LONG SECTIONS - SHEET 3	STATUS TENDER NOT FOR CONSTRUCTION	SCALE AT A1	DRAWN	DESIGNED	
					AS SHOWN					S.DEVGAN	M.RAHMAN		
					PROJECT ENGINEER					PROJECT MANAGER	DATE FIRST ISSUE		
					M.TROUNCE					T.PALIOS	SEP 2021		
					PROJECT No.					DRAWING No.	REVISION		
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.					210152		R802	B
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.								

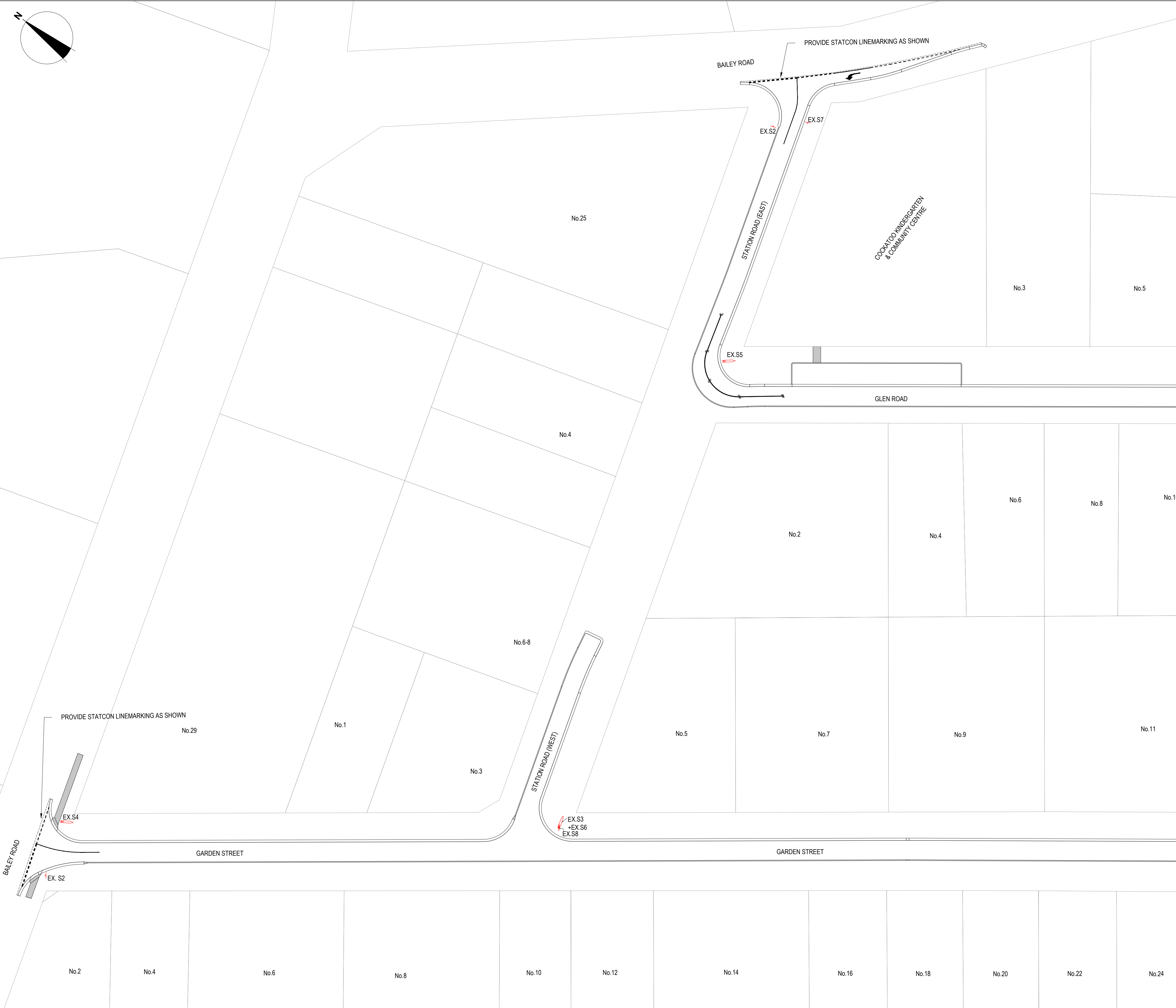
P:\2021\210152 - CARDINIA SHIRE COUNCIL - DESIGN SERVICES - PACKAGES 15 & 16\DWG2 - DRAFTING\CAD\DESIGN PACKAGE 10\210152-10-R800 - DRAINAGE LONG SECTIONS.DWG

PIT SCHEDULE													
PIT NAME	TYPE			INTERNAL		INLET		OUTLET		F.S.L. (m)	DEPTH(m)	STANDARD DRAWING	REMARKS
		EASTING	NORTHING	WIDTH(mm)	LENGTH(mm)	DIAMETER(mm)	INVERT R.L.(m)	DIAMETER	INVERT R.L.(m)				
1	WINGWALL	366733.389	5800092.560			300.000	206.431			207.531	1.100	VICROADS 1921	PROVIDE WINGWALL TO SUIT 300 DIA RCP
2	GRATED PIT	366725.489	5800111.286	600	900	300.000	207.959	300.000	207.909	209.184	1.275	EDCM 605	PROVIDE H.D. GRATED COVER
3	DOUBLE GRATED CHANNEL PIT	366717.332	5800130.494	600	2200	300.000	210.745	300.000	210.442	211.839	1.397	EDCM 604	
4	SINGLE GRATED CHANNEL PIT	366707.921	5800143.303	600	900	300.000	212.550	300.000	212.417	213.609	1.192	EDCM 603	
5	SINGLE GRATED CHANNEL PIT	366688.369	5800169.904	600	900	300.000	215.420	300.000	215.200	216.880	1.680	EDCM 603	
6	SINGLE GRATED CHANNEL PIT	366670.155	5800194.704	600	900	300.000	218.233	300.000	218.133	220.039	1.906	EDCM 603	
7	SINGLE GRATED CHANNEL PIT	366654.275	5800216.241	600	900	300.000	220.705	300.000	220.520	222.153	1.633	EDCM 603	
8	SINGLE GRATED CHANNEL PIT	366630.840	5800247.668	600	900	300.000	223.905	300.000	223.805	225.340	1.535	EDCM 603	
9	SINGLE GRATED CHANNEL PIT	366606.861	5800279.822	600	900	300.000	227.600	300.000	227.500	229.229	1.729	EDCM 603	
10	SINGLE GRATED CHANNEL PIT	366592.411	5800299.200	600	900	300.000	229.940	300.000	229.890	231.565	1.675	EDCM 603	
11	SINGLE GRATED CHANNEL PIT	366566.657	5800333.736	600	900	300.000	233.438	300.000	233.388	234.748	1.360	EDCM 603	
12	SINGLE GRATED CHANNEL PIT	366531.290	5800381.163	600	900			300.000	237.286	238.648	1.362	EDCM 603	
13	SINGLE GRATED CHANNEL PIT	366702.801	5800135.523	600	900			300.000	212.086	213.289	1.203	EDCM 603	
14	WINGWALL	367054.843	5800056.296			300.000	191.689			192.792	1.103	VICROADS 1921	PROVIDE WINGWALL TO SUIT 300 DIA RCP
15	DOUBLE GRATED CHANNEL PIT	367014.610	5800076.876	600	2200	300	199.417	300	199.119	200.408	1.289	EDCM 604	
16	SINGLE GRATED CHANNEL PIT	367005.128	5800084.000	600	900	300.000	200.828	300.000	200.769	201.947	1.178	EDCM 603	
17	SINGLE GRATED CHANNEL PIT	366982.512	5800092.685	600	900	300.000	203.615	300.000	203.565	205.016	1.451	EDCM 603	
18	SINGLE GRATED CHANNEL PIT	366940.150	5800108.956	600	900	300.000	207.415	300.000	207.365	208.858	1.493	EDCM 603	
19	SINGLE GRATED CHANNEL PIT	366871.474	5800135.339	600	900	300.000	209.606	300.000	209.556	210.923	1.367	EDCM 603	
20	TANGENT POINT	366844.056	5800156.214			300.000	210.480	300.000	210.480	212.100	1.620		TP TO PIT#19 - BENDING RADIUS = 61.5m
21	SINGLE GRATED CHANNEL PIT	366836.255	5800166.777	600	900	300.000	210.858	300.000	210.808	212.930	2.121	EDCM 603	
22	SINGLE GRATED CHANNEL PIT	366795.263	5800222.285	600	900	300.000	216.472	300.000	216.422	217.829	1.406	EDCM 603	
23	SINGLE GRATED CHANNEL PIT	366759.973	5800270.066	600	900	300.000	221.629	300.000	221.483	222.855	1.372	EDCM 603	
24	GRATED PIT	366763.417	5800272.982	600	900			300.000	221.674	222.769	1.095	EDCM 605	PROVIDE H.D. GRATED COVER
25	EXISTING STRUCTURE					300.000	218.554			220.028	1.474		CONNECT INTO EXISTING 300 DIA RCP
26	GRATED PIT	366792.748	5800343.357	600	900	300.000	218.737	300.000	218.596	220.097	1.501	EDCM 605	PROVIDE H.D. GRATED COVER
27	GRATED PIT	366784.838	5800346.401	600	900			300.000	218.949	220.354	1.405	EDCM 605	PROVIDE H.D. GRATED COVER

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.



CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
	SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	CARDINIA PACKAGE 10 - PIT SCHEDULE	TENDER NOT FOR CONSTRUCTION	AS SHOWN	S.DEVGAN	M.RAHMAN
				PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER T.PALIOS	DATE FIRST ISSUE SEP 2021
				PROJECT No. 210152	DRAWING No. R803	REVISION B



SIGN LEGEND

S1
(R1-1A)

S2
(R1-2A)

S41
40
km / h

S9
ROAD CLOSED (T2-4A)
(D4-5)

S3
STATION RD

S4
GARDEN ST

S5
GLEN RD

S6
NO THRU RD

S7

S8
SLOW

S9
ROAD CLOSED (T2-4A)
(D4-5)

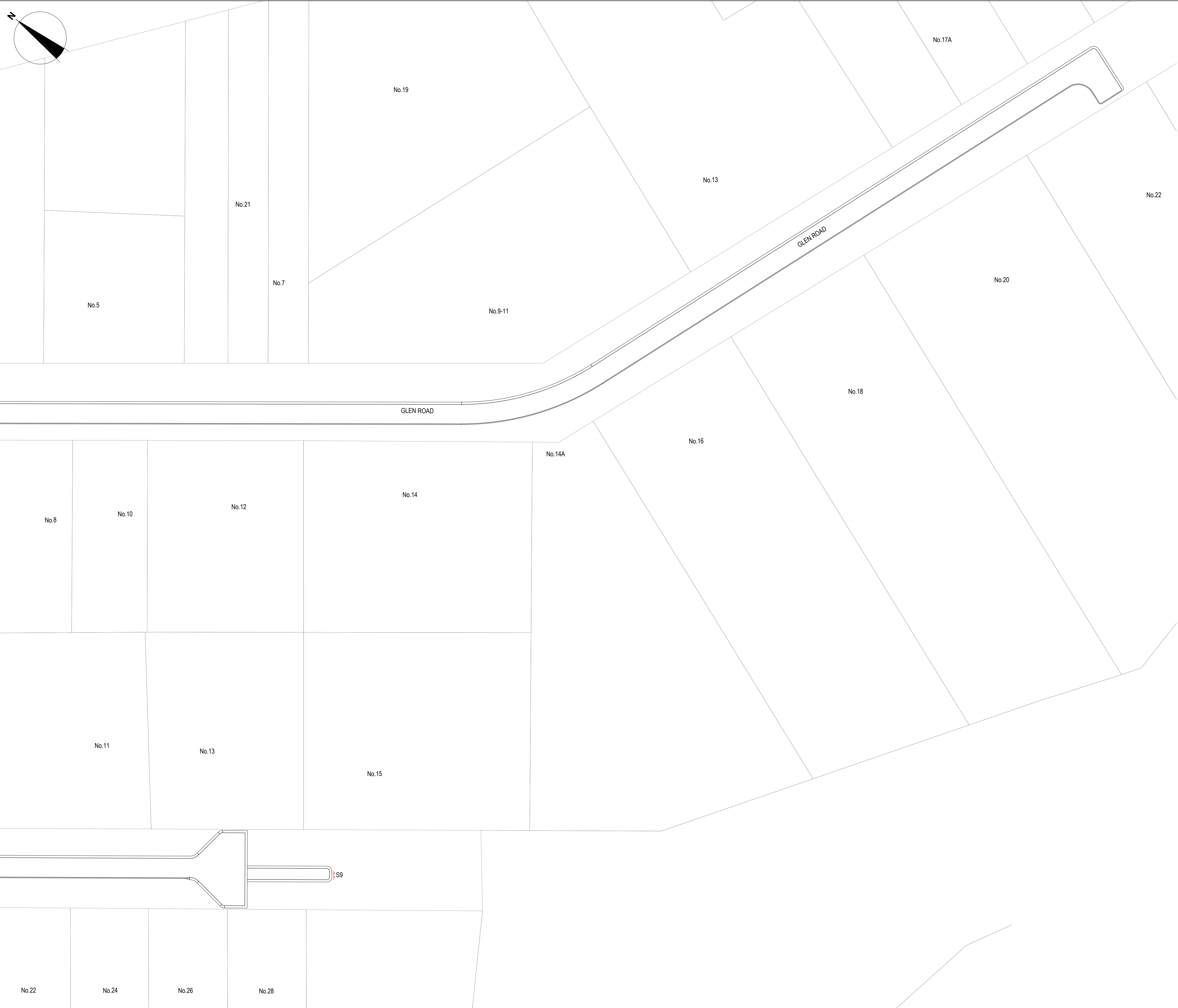
(W5-10A)

(W8-2A)
20
km/hr

SIGNAGE & LINEMARKING NOTES:

- EXISTING SIGNS TO BE RETAINED UNLESS REDUNDANT.
- SIGNS SUBJECT TO DAMAGE DURING CONSTRUCTION TO BE REMOVED AND STORED AND SUBSEQUENTLY REPLACED AT ORIGINAL LOCATION.
- NEW OR EXISTING SIGNS TO BE LOCATED OR RELOCATED WHERE SHOWN.
- 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPMS AT MAX 6m SPACING.
- RRPMS TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOL 2.
- ALL LINEMARKING AND SIGNAGE TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1742.
- ALL SIGNS AND LINEMARKING TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOLUME 2 - SIGNS & MARKINGS.
- ALL LINEMARKING TO BE THERMOPLASTIC PERMANENT PAINT.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT  Cardinia	PROJECT  Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	PROJECT SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	DRAWING TITLE CARDINIA PACKAGE 10 - SIGNAGE & LINEMARKING PLAN - 1	STATUS TENDER NOT FOR CONSTRUCTION	SCALE AT A1	DRAWN	DESIGNED	
					1:500 @ A1						S.DEVGAN	M.RAHMAN		
					PROJECT ENGINEER						PROJECT MANAGER	DATE FIRST ISSUE		
					M.TROUNCE						T.PALIOS	SEP 2021		
					PROJECT No.						DRAWING No.	REVISION		
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.						210152		R900	B
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.									



SIGN LEGEND



S1
(R1-1A)



S2
(R1-2A)



S41



(T2-4A)



S9
(D4-5)



S3



S4



S5



S6



S7



S8



S10
(W8-2A)



(W5-10A)

- SIGNAGE & LINEMARKING NOTES:
- 1. EXISTING SIGNS TO BE RETAINED UNLESS REDUNDANT.
 - 2. SIGNS SUBJECT TO DAMAGE DURING CONSTRUCTION TO BE REMOVED AND STORED AND SUBSEQUENTLY REPLACED AT ORIGINAL LOCATION.
 - 3. NEW OR EXISTING SIGNS TO BE LOCATED OR RELOCATED WHERE SHOWN.
 - 4. 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPMS AT MAX 6m SPACING.
 - 5. RRPMS TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOL 2.
 - 6. ALL LINEMARKING AND SIGNAGE TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1742.
 - 7. ALL SIGNS AND LINEMARKING TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOLUME 2 - SIGNS & MARKINGS.
 - 8. ALL LINEMARKING TO BE THERMOPLASTIC PERMANENT PAINT.



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED	
						 Cardinia	 Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	SEALING THE HILLS COCKATOO BAKER-GLEN PACKAGE	CARDINIA PACKAGE 10 - SIGNAGE & LINEMARKING PLAN - 2	TENDER NOT FOR CONSTRUCTION	1:500 @ A1	S.DEVGAN	M.RAHMAN
B	14/12/2022	COUNCIL COMMENTS FOLLOW UP	S.D.	C.L.	M.T.					PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE	
A	14/10/2022	ISSUED FOR TENDER	S.D.	M.R.	M.T.					M.TROUNCE	T.PALIOS	SEP 2021	
		PROJECT No.		DRAWING No.		REVISION							
		210152		R901		B							