

# MATILDA

## STAGE 1B

### CITY OF WHITTLESEA

#### 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 ALLTMENTS 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 SET OUT 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 CLAUSE 20.6 WHITTLESEA CITY COUNCIL. 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 MPA FIG. 020.
- ALL ALLTMENTS 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.S. 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 WHITTLESEA CITY COUNCIL 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 TBMS AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE CONSULTANT TO ARRANGE REINSTATEMENT AT THE CONTRACTORS EXPENSE.
- FOOTPATHS AND VEHICLE CROSSINGS TO BE DOWELLED AT THE END OF EACH DAY'S POUR OF CONCRETE.
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
- ANY EXISTING PAVEMENT OR DRAINAGE DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD IS TO BE REINSTATEMENT 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 (TGS's) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH WHITTLESEA COUNCIL STANDARD DRAWING SD320 REV B. ALL TGS's 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  
MELWAYS REF: 9 K2



#### Drawing Index

Drawing No.	Drawing Title	Revision
R100	COVER SHEET	AC
R200	LAYOUT PLAN - 1	AC
R201	LAYOUT PLAN - 2	AC
R202	LAYOUT PLAN - 3	AC
R300	INTERSECTION DETAILS - 1	AC
R301	INTERSECTION DETAILS - 2	AC
R302	INTERSECTION DETAILS - 3	AC
R400	ROAD LONGITUDINAL SECTIONS - 1	AC
R401	ROAD LONGITUDINAL SECTIONS - 2	AC
R500	ROAD CROSS SECTIONS - 1	AC
R501	ROAD CROSS SECTIONS - 2	AC
R502	ROAD CROSS SECTIONS - 3	AC
R503	ROAD CROSS SECTIONS - 4	AC
R504	ROAD CROSS SECTIONS - 5	AC
R505	ROAD CROSS SECTIONS - 6	AC
R506	ROAD CROSS SECTIONS - 7	AC
R507	ROAD CROSS SECTIONS - 8	AC
R600	DRAINAGE LONGITUDINAL SECTIONS - 1	AC
R601	DRAINAGE LONGITUDINAL SECTIONS - 2	AC
R602	DRAINAGE LONGITUDINAL SECTIONS - 3	AC
R603	DRAINAGE LONGITUDINAL SECTIONS - 4	AC
R604	DRAINAGE LONGITUDINAL SECTIONS - 5	AC
R605	DRAINAGE LONGITUDINAL SECTIONS - 6	AC
R606	DRAINAGE PIT SCHEDULE	AC
R700	TYPICAL DETAILS	AC
R701	TEMPORARY RETARDING BASIN DETAILS	AC
R702	TEMPORARY SWALE DETAILS	AC
R800	SIGNAGE & LINEMARKING	AC
R900	CONCRETE JOINTING PLAN	AC

**WARNING**  
**BEWARE OF UNDERGROUND & OVERHEAD SERVICES**

THE LOCATIONS OF UNDERGROUND & OVERHEAD SERVICES ARE APPROXIMATE ONLY & THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. LOCATE ALL UNDERGROUND SERVICES BEFORE COMMENCEMENT OF WORKS

**DIAL 1100 BEFORE YOU DIG**  
[www.1100.com.au](http://www.1100.com.au)

E:\2025\ENERGY\TEMP\2025\ENERGY\2025\ENERGY\SERVER\SERVER\2025\2025\180018.1B\_R100\_COVER SHEET.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

CLIENT

PROJECT

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

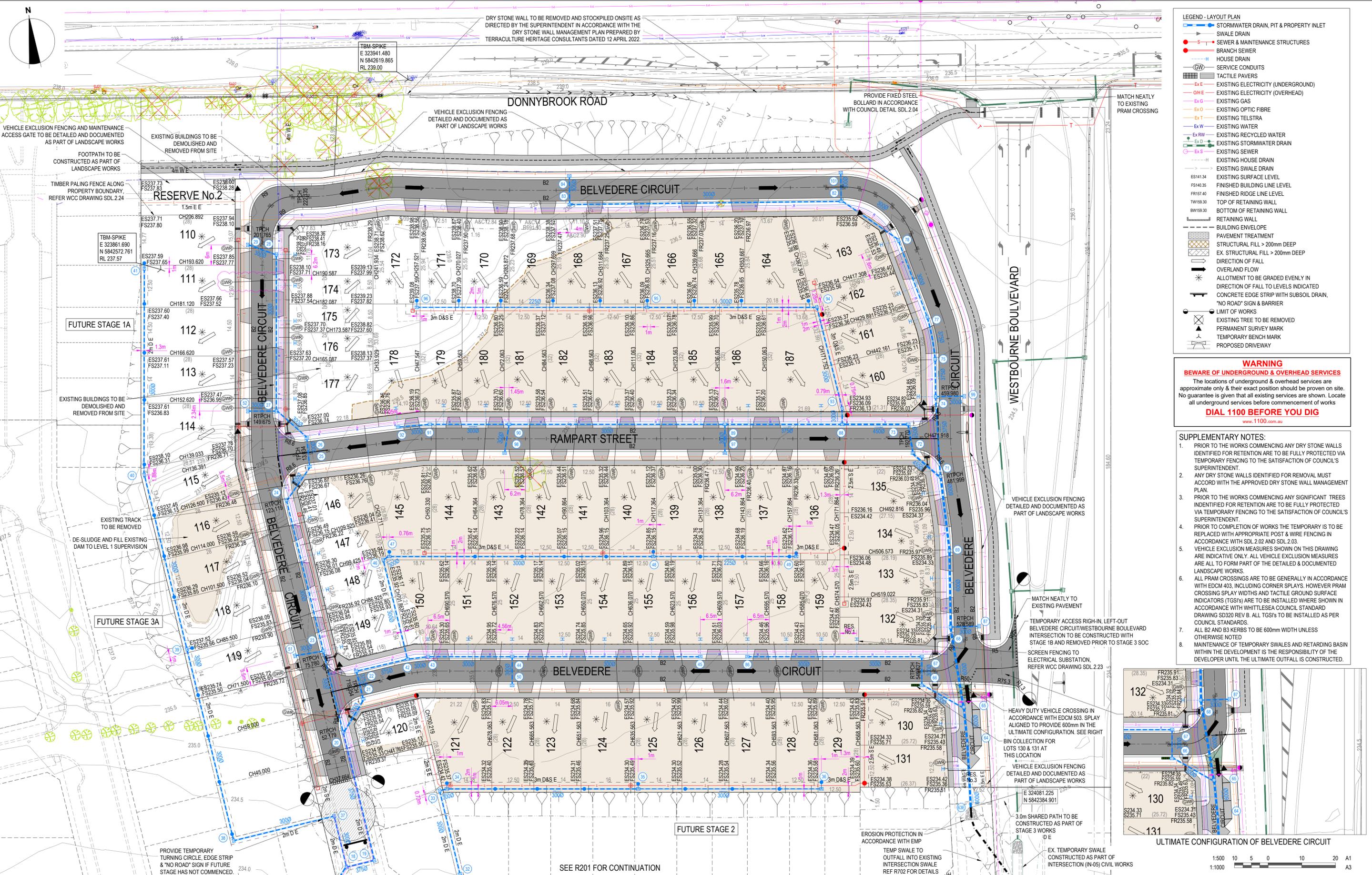
DRAWING TITLE

**MATILDA - STAGE 1B**  
**COVER SHEET**

STATUS

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
1:2000 @ A1	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R100</b>	<b>AC</b>

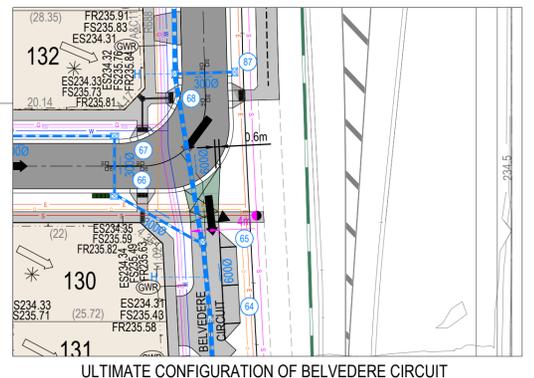


**LEGEND - LAYOUT PLAN**

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- BRANCH SEWER
- HOUSE DRAIN
- SERVICE CONDUITS
- TACTILE PAVERS
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN
- EXISTING SURFACE LEVEL
- FINISHED BUILDING LINE LEVEL
- FINISHED RIDGE LINE LEVEL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- RETAINING WALL
- BUILDING ENVELOPE
- PAVEMENT TREATMENT
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- DIRECTION OF FALL
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN
- "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY

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

- SUPPLEMENTARY NOTES:**
- PRIOR TO THE WORKS COMMENCING ANY DRY STONE WALLS IDENTIFIED FOR RETENTION ARE TO BE FULLY PROTECTED VIA TEMPORARY FENCING TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
  - ANY DRY STONE WALLS IDENTIFIED FOR REMOVAL MUST ACCORD WITH THE APPROVED DRY STONE WALL MANAGEMENT PLAN.
  - PRIOR TO THE WORKS COMMENCING ANY SIGNIFICANT TREES IDENTIFIED FOR RETENTION ARE TO BE FULLY PROTECTED VIA TEMPORARY FENCING TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
  - PRIOR TO COMPLETION OF WORKS THE TEMPORARY IS TO BE REPLACED WITH APPROPRIATE POST & WIRE FENCING IN ACCORDANCE WITH SDL 2.02 AND SDL 2.03.
  - VEHICLE EXCLUSION MEASURES SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. ALL VEHICLE EXCLUSION MEASURES ARE ALL TO FORM PART OF THE DETAILED & DOCUMENTED LANDSCAPE WORKS.
  - 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 (TGS's) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH WHITTESEA COUNCIL STANDARD DRAWING SD320 REV B. ALL TGS's TO BE INSTALLED AS PER COUNCIL STANDARDS.
  - ALL B2 AND B3 KERBS TO BE 600mm WIDTH UNLESS OTHERWISE NOTED.
  - MAINTENANCE OF TEMPORARY SWALES AND RETARDING BASIN WITHIN THE DEVELOPMENT IS THE RESPONSIBILITY OF THE DEVELOPER UNTIL THE ULTIMATE OUTFALL IS CONSTRUCTED.



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS	
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS	
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS	
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS	



**MATILDA - STAGE 1B**  
**LAYOUT PLAN - 1**

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
1:500 @ A1	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
180018.1B	R200	AC



**LEGEND - LAYOUT PLAN**

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- BRANCH SEWER
- HOUSE DRAIN
- SERVICE CONDUITS
- TACTILE PAVERS
- EX E EXISTING ELECTRICITY (UNDERGROUND)
- EX HE EXISTING ELECTRICITY (OVERHEAD)
- EX G EXISTING GAS
- EX O EXISTING OPTIC FIBRE
- EX T EXISTING TELSTRA
- EX W EXISTING WATER
- EX RW EXISTING RECYCLED WATER
- EX D EXISTING STORMWATER DRAIN
- EX S EXISTING SEWER
- EX H EXISTING HOUSE DRAIN
- EX SD EXISTING SWALE DRAIN
- EXISTING SURFACE LEVEL
- FS140.35 FINISHED BUILDING LINE LEVEL
- FR157.40 FINISHED RIDGE LINE LEVEL
- TW159.30 TOP OF RETAINING WALL
- BW159.30 BOTTOM OF RETAINING WALL
- RETAINING WALL
- BUILDING ENVELOPE
- PAVEMENT TREATMENT
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- DIRECTION OF FALL
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN
- "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY

**WARNING**  
**BEWARE OF UNDERGROUND & OVERHEAD SERVICES**

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

**DIAL 1100 BEFORE YOU DIG**  
[www.1100.com.au](http://www.1100.com.au)

- SUPPLEMENTARY NOTES:**
1. PRIOR TO THE WORKS COMMENCING ANY DRY STONE WALLS IDENTIFIED FOR RETENTION ARE TO BE FULLY PROTECTED VIA TEMPORARY FENCING TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
  2. ANY DRY STONE WALLS IDENTIFIED FOR REMOVAL MUST ACCORD WITH THE APPROVED DRY STONE WALL MANAGEMENT PLAN.
  3. PRIOR TO THE WORKS COMMENCING ANY SIGNIFICANT TREES IDENTIFIED FOR RETENTION ARE TO BE FULLY PROTECTED VIA TEMPORARY FENCING TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
  4. PRIOR TO COMPLETION OF WORKS THE TEMPORARY IS TO BE REPLACED WITH APPROPRIATE POST & WIRE FENCING IN ACCORDANCE WITH SD1.2.02 AND SD1.2.03.
  5. VEHICLE EXCLUSION MEASURES SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. ALL VEHICLE EXCLUSION MEASURES ARE ALL TO FORM PART OF THE DETAILED & DOCUMENTED LANDSCAPE WORKS.
  6. 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 (TGSI's) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH WHITTLESEA COUNCIL STANDARD DRAWING SD320 REV B. ALL TGSI's TO BE INSTALLED AS PER COUNCIL STANDARDS.
  7. ALL B2 AND B3 KERBS TO BE 600mm WIDTH UNLESS OTHERWISE NOTED
  8. MAINTENANCE OF TEMPORARY SWALES AND RETARDING BASIN WITHIN THE DEVELOPMENT IS THE RESPONSIBILITY OF THE DEVELOPER UNTIL THE ULTIMATE OUTFALL IS CONSTRUCTED.

**SERVICES OFFSET SCHEDULE**

ROAD NAME	GAS		RECYCLED WATER		WATER		OPTIC FIBRE		ELECTRICITY		TREES	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSETS (m)
BELVEDERE CIR. (LOTS 120, 146-149 & 170-173)	E	2.10	E	2.50	E	3.00	W	1.85	W	2.60	E/W	2.90 / 2.90
BELVEDERE CIR. (LOTS 172-164)	S	2.35	S	2.80	S	3.30	S	1.85	N	0.50	N/S	N/A / 3.20
BELVEDERE CIR. (LOTS 163-132)	W	2.35	W	2.80	W	3.30	W	1.85	E	0.50	E/W	N/A / 3.20
BELVEDERE CIR. (LOTS 131-130)	W	2.10	W	2.55	W	3.05	W	1.80	E	0.50	E/W	N/A / 3.20
BELVEDERE CIR. (LOTS 150-159)	N	2.10	N	2.50	N	3.00	S	1.85	S	2.60	N/S	2.90 / 2.90
RAMPART STREET	N	2.10	N	2.50	N	3.00	S	1.85	S	2.60	N/S	2.90 / 2.90

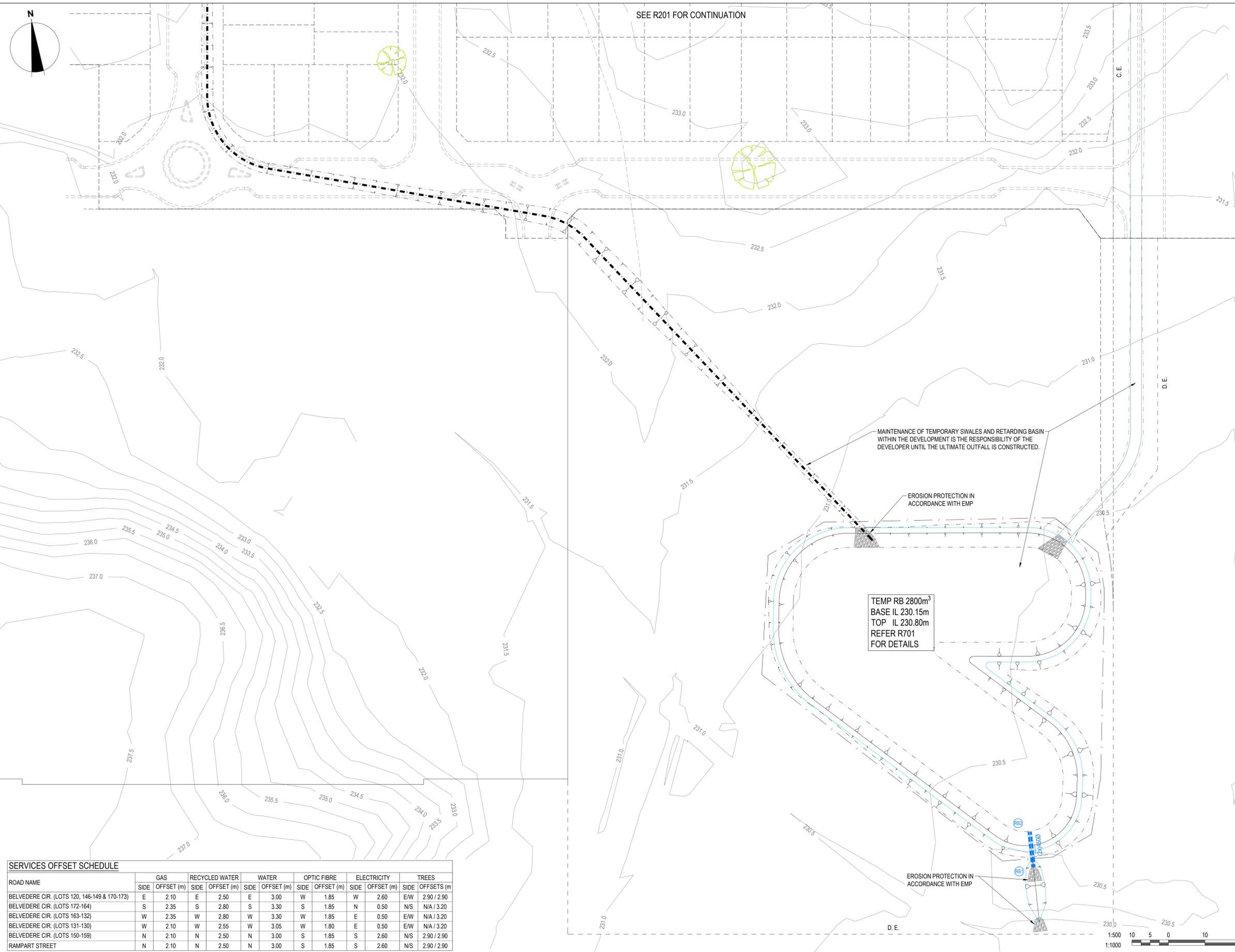
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18/07/2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS



**MATILDA - STAGE 1B**  
**LAYOUT PLAN - 2**

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
1:500 @ A1	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R201</b>	<b>AC</b>



**LEGEND - LAYOUT PLAN**

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- BRANCH SEWER
- HOUSE DRAIN
- SERVICE CONDUITS
- TACTILE PAVERS
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN
- EXISTING SURFACE LEVEL
- FINISHED BUILDING LINE LEVEL
- FINISHED RIDGE LINE LEVEL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- RETAINING WALL
- BUILDING ENVELOPE
- PAVEMENT TREATMENT
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- DIRECTION OF FALL
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN
- "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY

**WARNING**  
**BEWARE OF UNDERGROUND & OVERHEAD SERVICES**

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

**DIAL 1100 BEFORE YOU DIG**  
[www.1100.com.au](http://www.1100.com.au)

- SUPPLEMENTARY NOTES:**
1. PRIOR TO THE WORKS COMMENCING ANY DRY STONE WALLS IDENTIFIED FOR RETENTION ARE TO BE FULLY PROTECTED VIA TEMPORARY FENCING TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
  2. ANY DRY STONE WALLS IDENTIFIED FOR REMOVAL MUST ACCORD WITH THE APPROVED DRY STONE WALL MANAGEMENT PLAN.
  3. PRIOR TO THE WORKS COMMENCING ANY SIGNIFICANT TREES IDENTIFIED FOR RETENTION ARE TO BE FULLY PROTECTED VIA TEMPORARY FENCING TO THE SATISFACTION OF COUNCIL'S SUPERINTENDENT.
  4. PRIOR TO COMPLETION OF WORKS THE TEMPORARY IS TO BE REPLACED WITH APPROPRIATE POST & WIRE FENCING IN ACCORDANCE WITH SD1.2.02 AND SD1.2.03.
  5. VEHICLE EXCLUSION MEASURES SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. ALL VEHICLE EXCLUSION MEASURES ARE ALL TO FORM PART OF THE DETAILED & DOCUMENTED LANDSCAPE WORKS.
  6. 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 (TGSi's) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH WHITTLESEA COUNCIL STANDARD DRAWING SD320 REV B. ALL TGSi's TO BE INSTALLED AS PER COUNCIL STANDARDS.
  7. ALL B2 AND B3 KERBS TO BE 600mm WIDTH UNLESS OTHERWISE NOTED
  8. MAINTENANCE OF TEMPORARY SWALES AND RETARDING BASIN WITHIN THE DEVELOPMENT IS THE RESPONSIBILITY OF THE DEVELOPER UNTIL THE ULTIMATE OUTFALL IS CONSTRUCTED.

**SERVICES OFFSET SCHEDULE**

ROAD NAME	GAS		RECYCLED WATER		WATER		OPTIC FIBRE		ELECTRICITY		TREES
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	OFFSETS (m)
BELVEDERE CIR. (LOTS 120, 146-149 & 170-173)	E	2.10	E	2.50	E	3.00	W	1.85	W	2.60	E/W 2.90 / 2.90
BELVEDERE CIR. (LOTS 172-164)	S	2.35	S	2.80	S	3.30	S	1.85	N	0.50	N/S N/A / 3.20
BELVEDERE CIR. (LOTS 163-132)	W	2.35	W	2.80	W	3.30	W	1.85	E	0.50	E/W N/A / 3.20
BELVEDERE CIR. (LOTS 131-130)	W	2.10	W	2.55	W	3.05	W	1.80	E	0.50	E/W N/A / 3.20
BELVEDERE CIR. (LOTS 150-159)	N	2.10	N	2.50	N	3.00	S	1.85	S	2.60	N/S 2.90 / 2.90
RAMPART STREET	N	2.10	N	2.50	N	3.00	S	1.85	S	2.60	N/S 2.90 / 2.90

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18/07/2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS



**creo**  
 CONSULTANTS

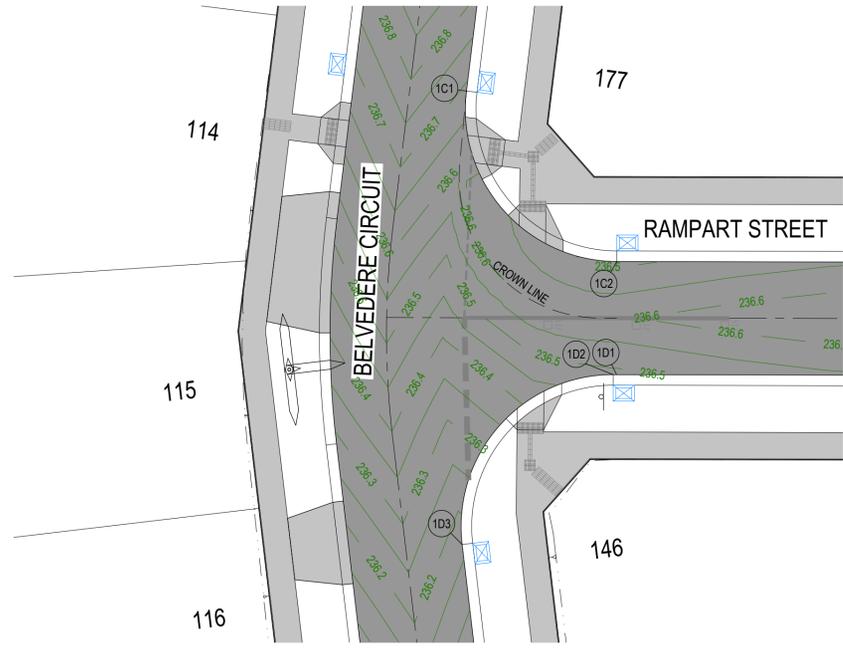
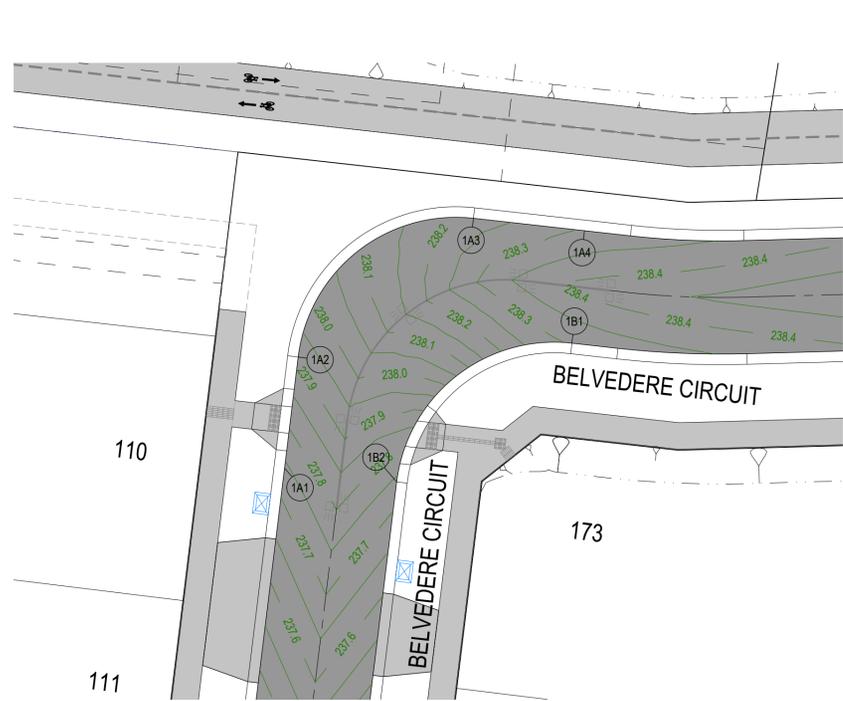
Level 7, 176 Wellington Parade  
 East Melbourne, VIC, Australia 3002

Matilda

**MATILDA - STAGE 1B**  
 LAYOUT PLAN - 3

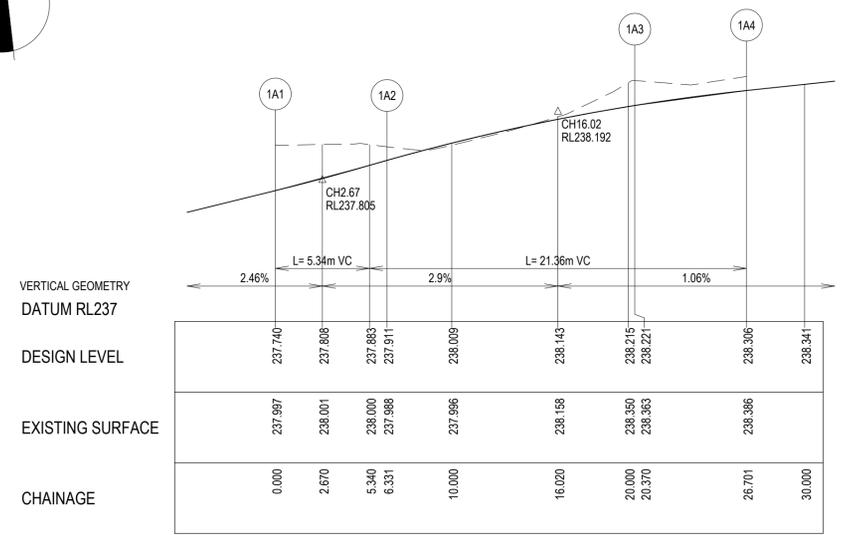
AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
1:500 @ A1	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R202</b>	<b>AC</b>



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

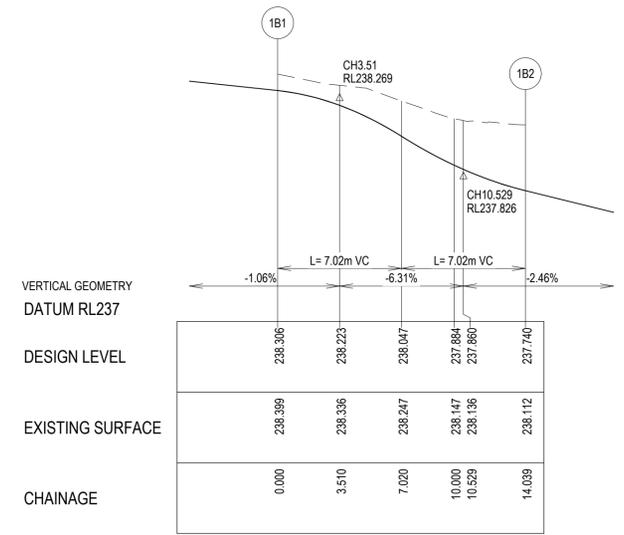
**NOTES**  
 1. CHAINAGES REFER TO LIP OF KERB/EDGE OF CONCRETE.  
 2. REFER TO SHEET R800 FOR SIGNS & LINEMARKING PLAN.



**ALIGNMENT 1A**

PT NO	EASTING	NORTHING	RL
1A1	323889.506	5842578.869	237.74
1A2	323890.277	5842585.152	237.911
1A3	323900.209	5842593.001	238.221
1A4	323906.5	5842592.298	238.306

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
1A2 - 1A3	9	89.377	14.039	2.602	1.926	3.422	2.908	3.51	238.087



**ALIGNMENT 1B**

PT NO	EASTING	NORTHING	RL
1B1	323905.790	5842585.938	238.306
1B2	323895.858	5842578.089	237.740

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
1B1 - 1B2	9	89.377	14.039	2.602	1.926	3.422	2.908	3.510	238.087

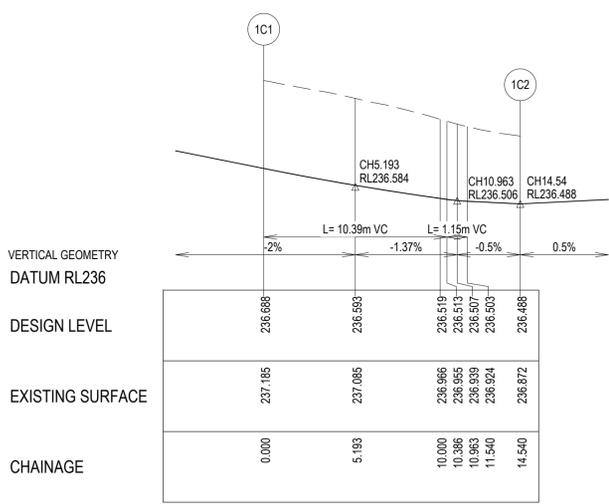
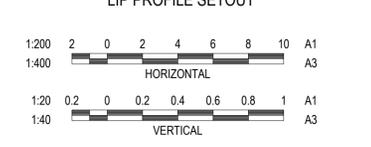
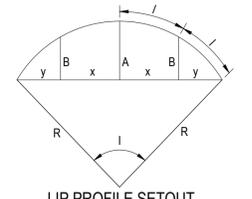
**LEGEND**

**INTERSECTION DETAIL PLAN:**

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- BRANCH SEWER
- HOUSE DRAIN
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING GAS
- TACTILE PAVERS
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, 'NO ROAD' SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY & FOOTPATH
- CONTOURS (0.05m INTERVALS)

**LIP LINE SECTION:**

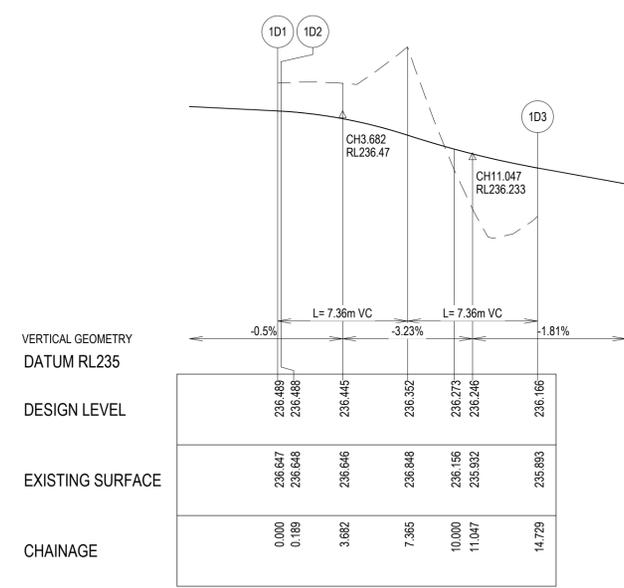
- EXISTING SURFACE
- DESIGN LINE



**ALIGNMENT 1C**

PT NO	EASTING	NORTHING	RL
1C1	323889.514	5842526.386	236.688
1C2	323898.032	5842516.739	236.488

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
1C1 - 1C2	9	96.869	8.600	14.540	2.894	2.137	3.528	2.907	236.559



**ALIGNMENT 1D**

PT NO	EASTING	NORTHING	RL
1D1	323898.017	5842510.339	236.489
1D2	323897.828	5842510.339	236.488
1D3	323889.269	5842500.730	236.166

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
1D2 - 1D3	9	96.869	8.600	14.540	2.894	2.137	3.528	2.907	236.559

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

**marantali**

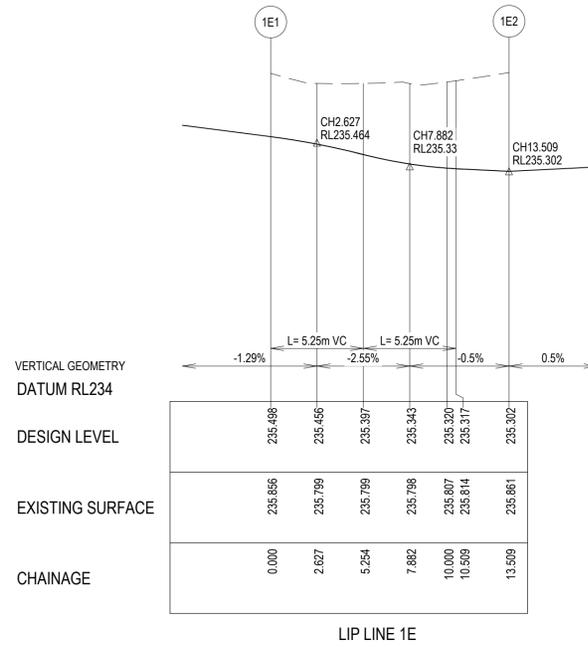
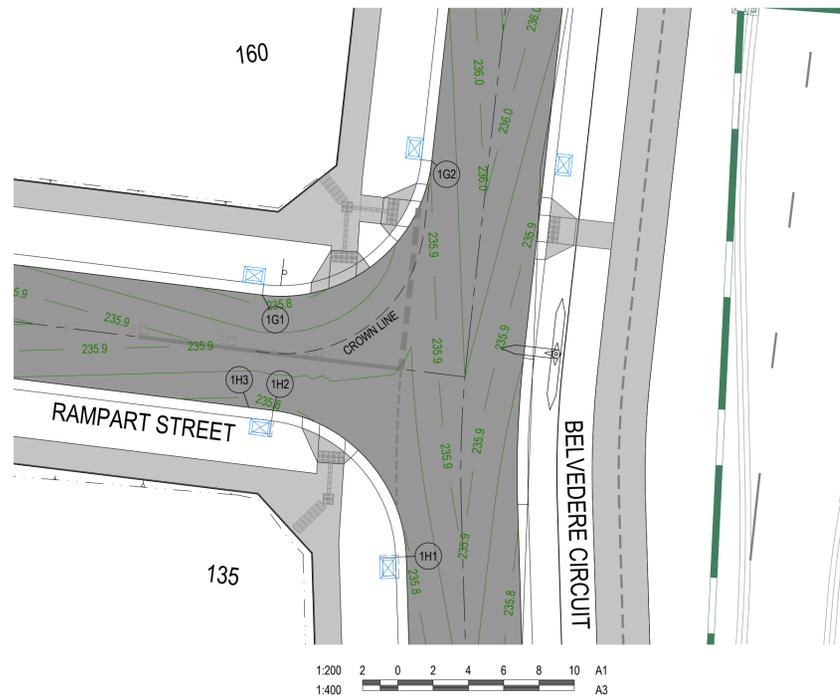
**creo**  
 CONSULTANTS  
 Level 7, 176 Wellington Parade  
 East Melbourne, VIC, Australia 3002

**Matilda**

**MATILDA - STAGE 1B**  
**INTERSECTION DETAILS - 1**

**AS CONSTRUCTED**

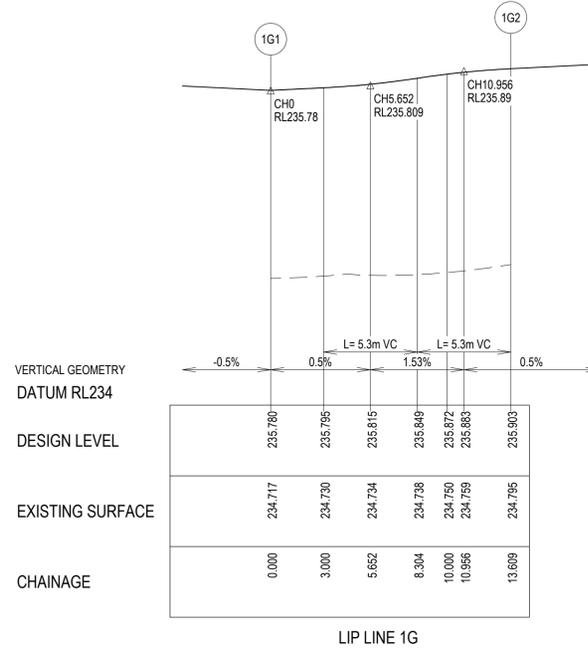
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R300</b>	<b>AC</b>



ALIGNMENT 1E

PT NO	EASTING	NORTHING	RL
1E1	323894.827	5842453.718	235.498
1E2	323904.377	5842446.187	235.302

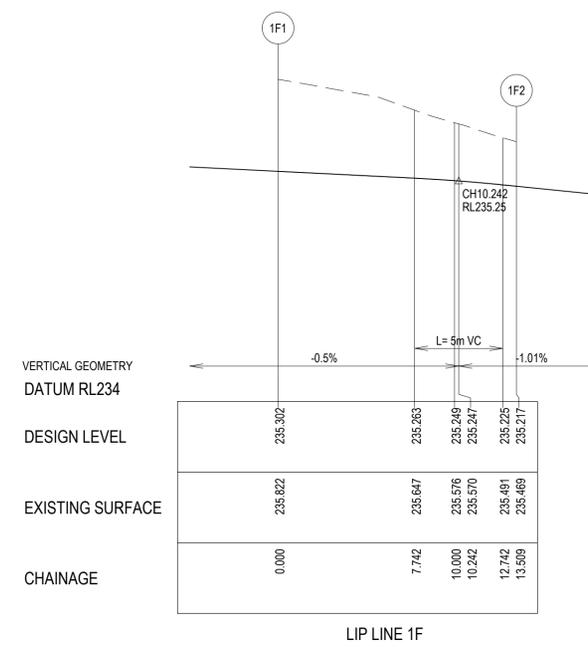
CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
1E1 - 1E2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	235.363



ALIGNMENT 1G

PT NO	EASTING	NORTHING	RL
1G1	324077.077	5842498.953	235.780
1G2	324086.672	5842506.541	235.903

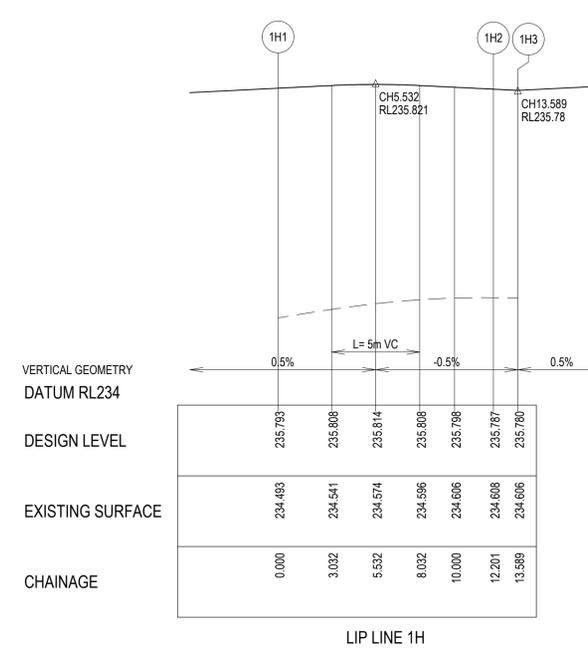
CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
1G1 - 1G2	90.665	8.600	13.609	2.554	1.890	3.314	2.802	3.402	235.828



ALIGNMENT 1F

PT NO	EASTING	NORTHING	RL
1F1	323905.129	5842439.831	235.302
1F2	323897.598	5842430.281	235.217

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
1F1 - 1F2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	235.268



ALIGNMENT 1H

PT NO	EASTING	NORTHING	RL
1H1	324085.224	5842484.153	235.793
1H2	324077.675	5842492.432	235.787
1H3	324076.298	5842492.601	235.780

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
1H1 - 1H2	81.288	8.600	12.201	2.075	1.539	2.987	2.615	3.050	235.814

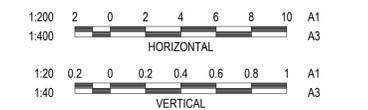
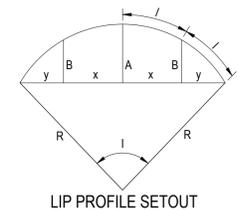
**LEGEND**

INTERSECTION DETAIL PLAN:

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- BRANCH SEWER
- HOUSE DRAIN
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING GAS
- TACTILE PAVERS
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, 'NO ROAD' SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY & FOOTPATH
- CONTOURS (0.05m INTERVALS)

LIP LINE SECTION:

- EXISTING SURFACE
- DESIGN LINE



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

- NOTES**
- CHAINAGES REFER TO LIP OF KERB/EDGE OF CONCRETE.
  - REFER TO SHEET R800 FOR SIGNS & LINEMARKING PLAN.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

**marantali**

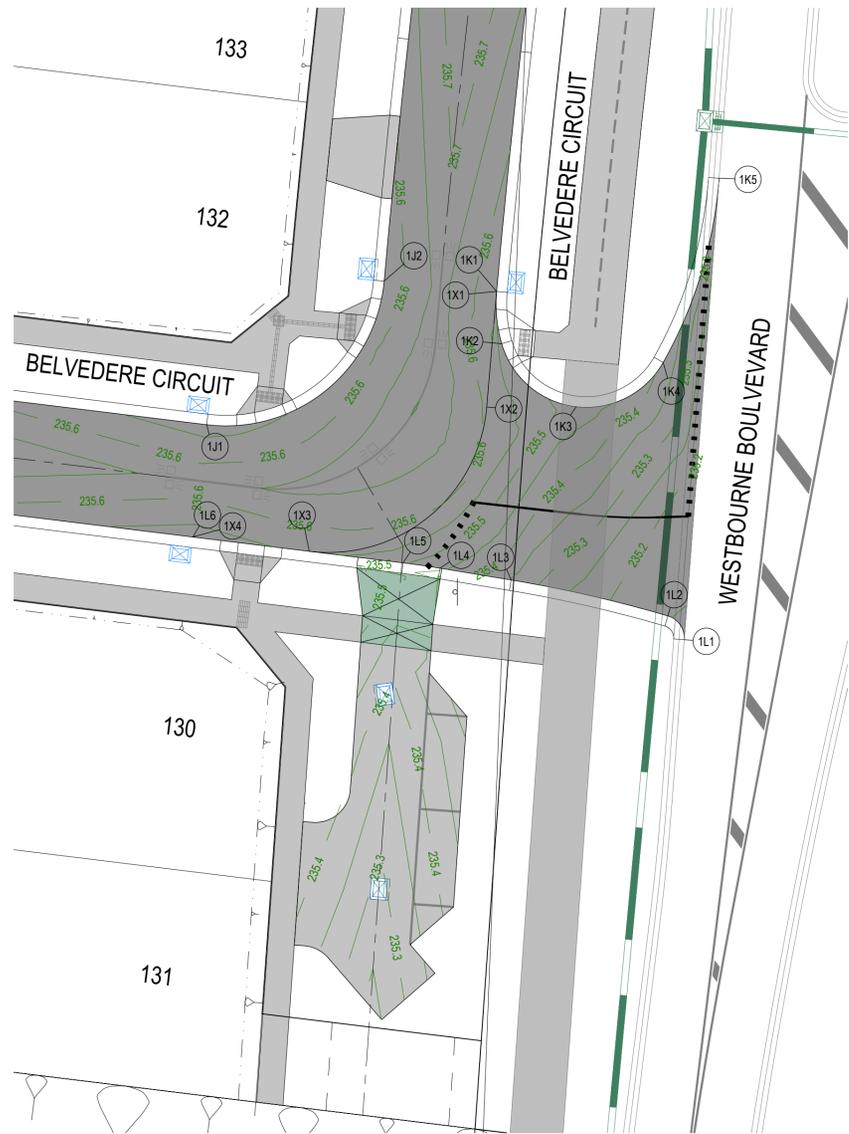
**creo**  
 CONSULTANTS  
 Level 7, 176 Wellington Parade  
 East Melbourne, VIC, Australia 3002

**Matilda**

DRAWING TITLE  
**MATILDA - STAGE 1B**  
**INTERSECTION DETAILS - 2**

STATUS  
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R301</b>	<b>AC</b>

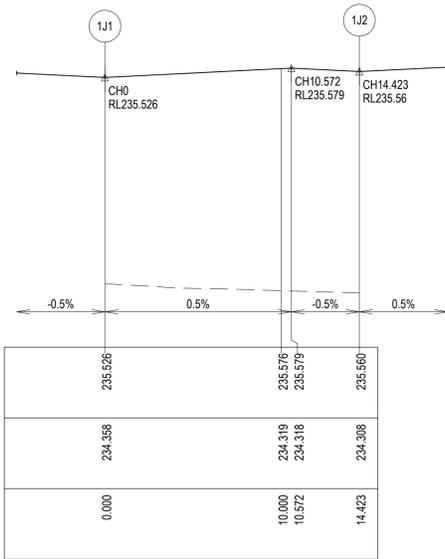


VERTICAL GEOMETRY  
DATUM RL234

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



LIP LINE 1J

ALIGNMENT 1J

PT NO	EASTING	NORTHING	RL
1J1	324072.881	5842429.975	235.526
1J2	324082.74	5842438.096	235.56

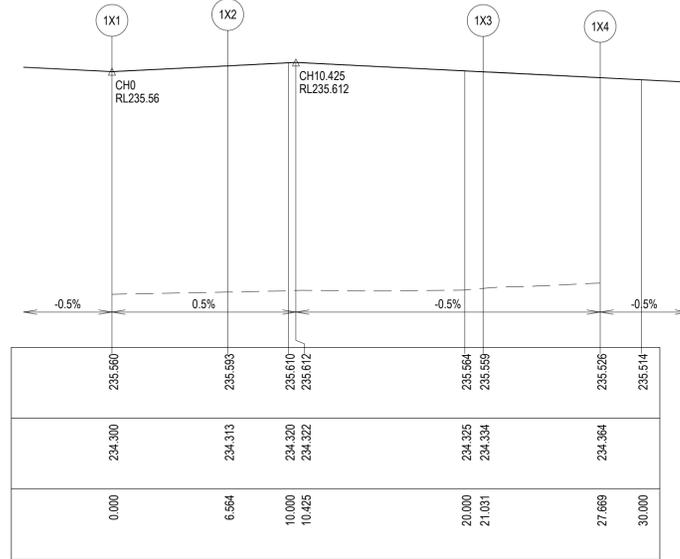
CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
1J1 - 1J2	91.82	9	14.423	2.738	2.025	3.51	2.954	3.606	235.562

VERTICAL GEOMETRY  
DATUM RL234

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



LIP LINE 1X

ALIGNMENT 1X

POINT NO	EASTING	NORTHING	RL
1X1	324089.114	5842437.519	235.560
1X2	324088.554	5842430.979	235.593
1X3	324078.491	5842422.814	235.559
1X4	324071.902	5842423.623	235.526

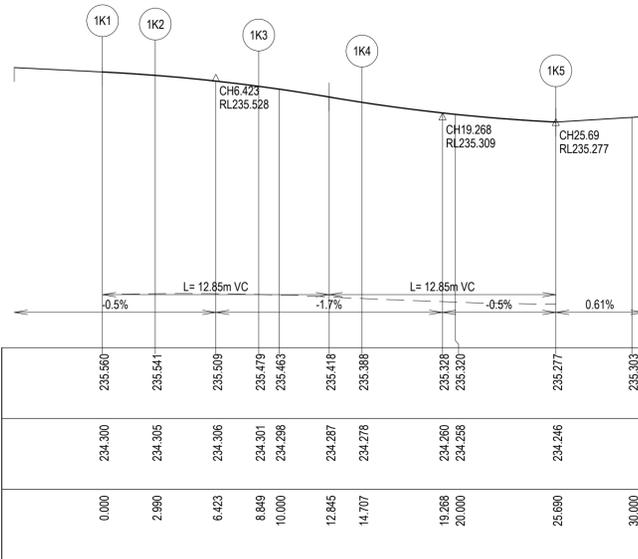
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
1X2 - 1X3	92.098	9.000	14.467	2.754	2.037	3.520	2.959	3.617	235.595

VERTICAL GEOMETRY  
DATUM RL234

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



LIP LINE 1K

ALIGNMENT 1K

POINT NO	EASTING	NORTHING	RL
1K1	324089.114	5842437.519	235.560
1K2	324089.401	5842434.560	235.541
1K3	324093.624	5842430.992	235.479
1K4	324098.553	5842433.497	235.388
1K5	324101.723	5842443.921	235.277

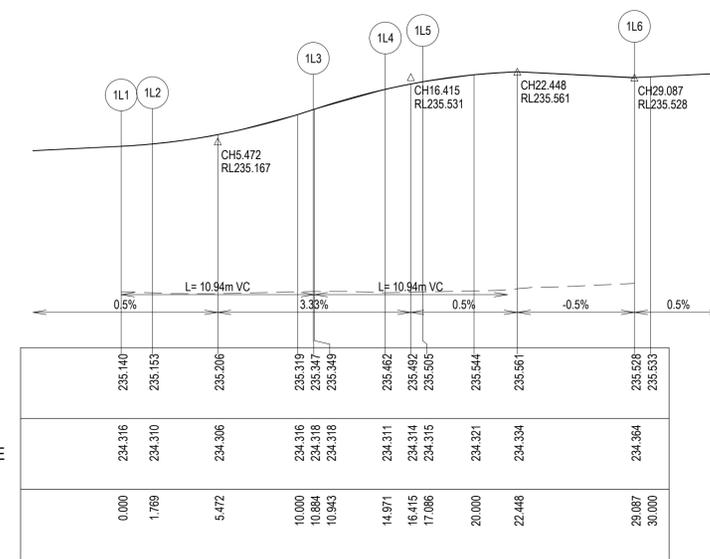
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
1K1 - 1K2	21.417	8.000	2.990	0.139	0.104	0.746	0.740	0.748	235.551
1K2 - 1K3	67.130	5.000	5.858	0.834	0.621	1.444	1.321	1.465	235.514
1K3 - 1K4	67.130	5.000	5.858	0.834	0.621	1.444	1.321	1.465	235.436
1K4 - 1K5	25.172	25.000	10.984	0.601	0.450	2.740	2.707	2.746	235.318

VERTICAL GEOMETRY  
DATUM RL234

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



LIP LINE 1L

ALIGNMENT 1L

POINT NO	EASTING	NORTHING	RL
1L1	324099.748	5842417.814	235.140
1L2	324088.818	5842419.160	235.153
1L3	324089.938	5842421.191	235.347
1L4	324085.906	5842421.860	235.462
1L5	324083.813	5842422.161	235.505
1L6	324071.902	5842423.623	235.528

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
1L1 - 1L2	77.978	1.300	1.769	0.290	0.215	0.434	0.384	0.442	235.145
1L2 - 1L3	6.938	75.272	9.115	0.138	0.103	2.278	2.276	2.279	235.223
1L4 - 1L5	2.421	50.038	2.114	0.011	0.008	0.529	0.528	0.529	235.485

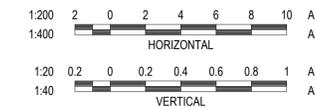
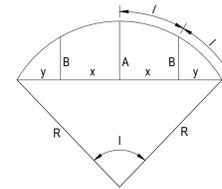
**LEGEND**

INTERSECTION DETAIL PLAN:

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- BRANCH SEWER
- HOUSE DRAIN
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING GAS
- TACTILE PAVERS
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY & FOOTPATH
- CONTOURS (0.05m INTERVALS)

LIP LINE SECTION:

- EXISTING SURFACE
- DESIGN LINE



**WARNING**  
**BEWARE OF UNDERGROUND & OVERHEAD SERVICES**

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

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

**NOTES**

- CHAINAGES REFER TO LIP OF KERB/EDGE OF CONCRETE.
- REFER TO SHEET R800 FOR SIGNS & LINEMARKING PLAN.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

**marantali**

**creo**  
CONSULTANTS

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

**Matilda**

**MATILDA - STAGE 1B**  
**INTERSECTION DETAILS - 3**

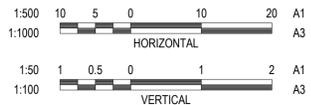
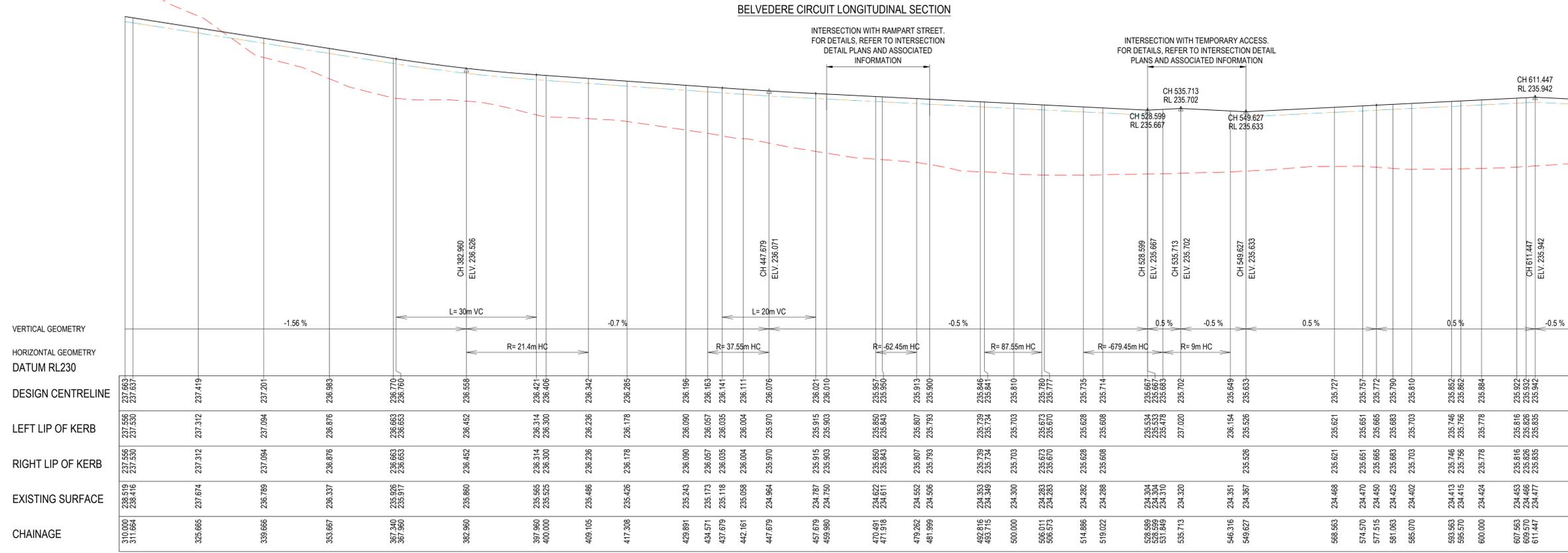
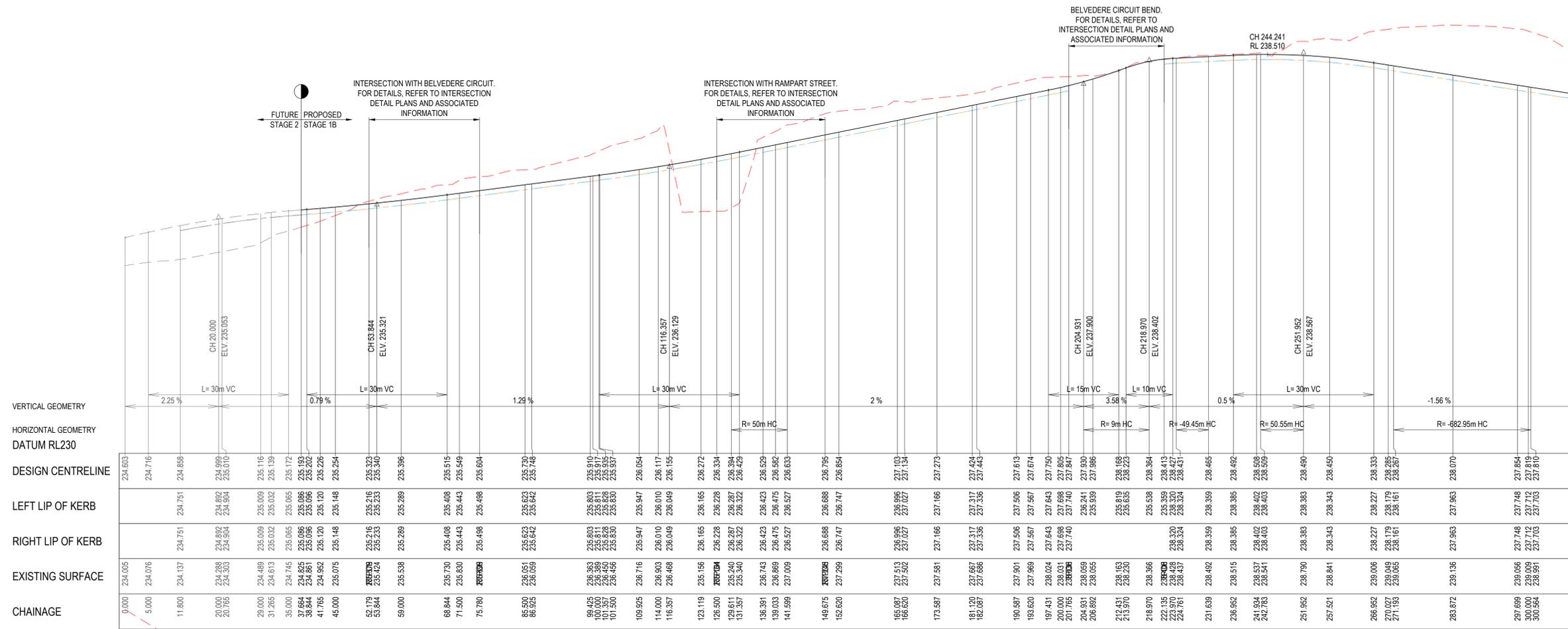
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R302</b>	<b>AC</b>

**LEGEND**

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

NOTE: REFER TO GENERAL NOTES 14 AND 15 REGARDING STRUCTURAL FILL



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18/07/2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

CLIENT

PROJECT

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

DRAWING TITLE

**MATILDA - STAGE 1B**  
**ROAD LONGITUDINAL SECTIONS - 1**

STATUS

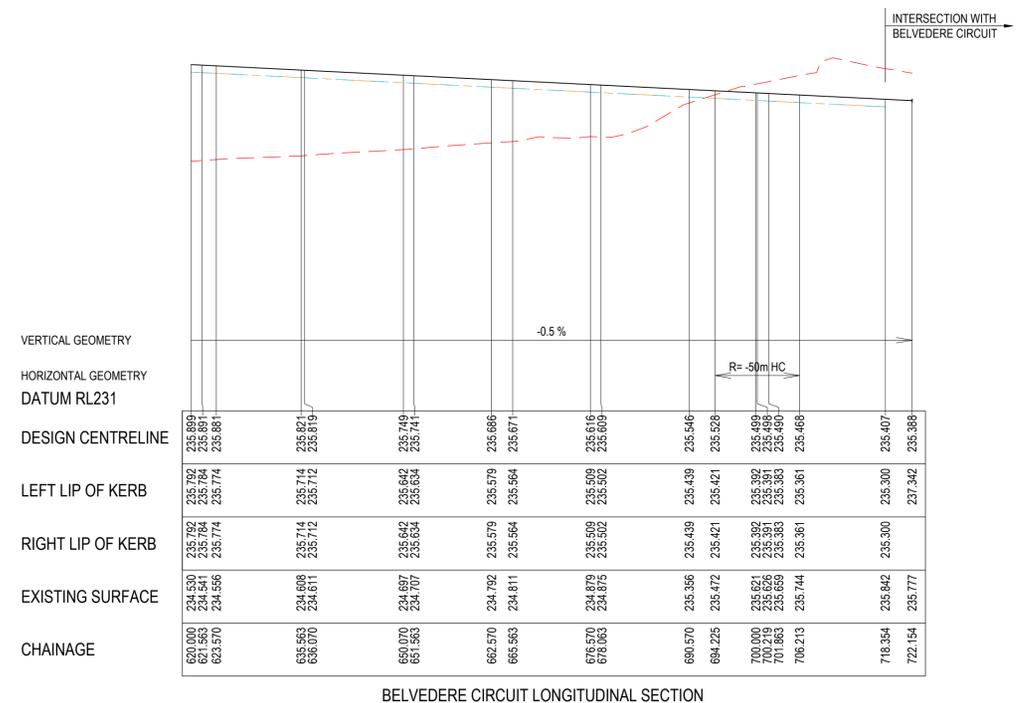
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R400</b>	<b>AC</b>

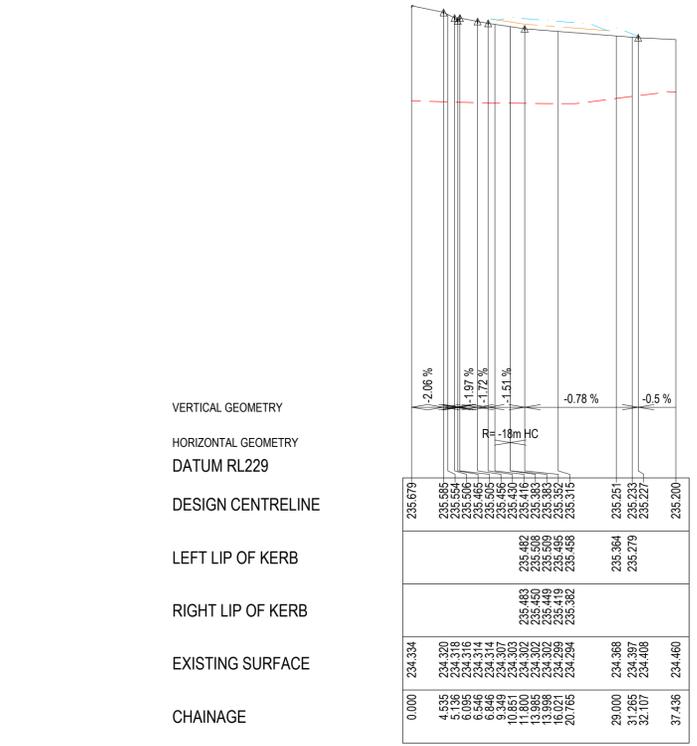
**LEGEND**

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

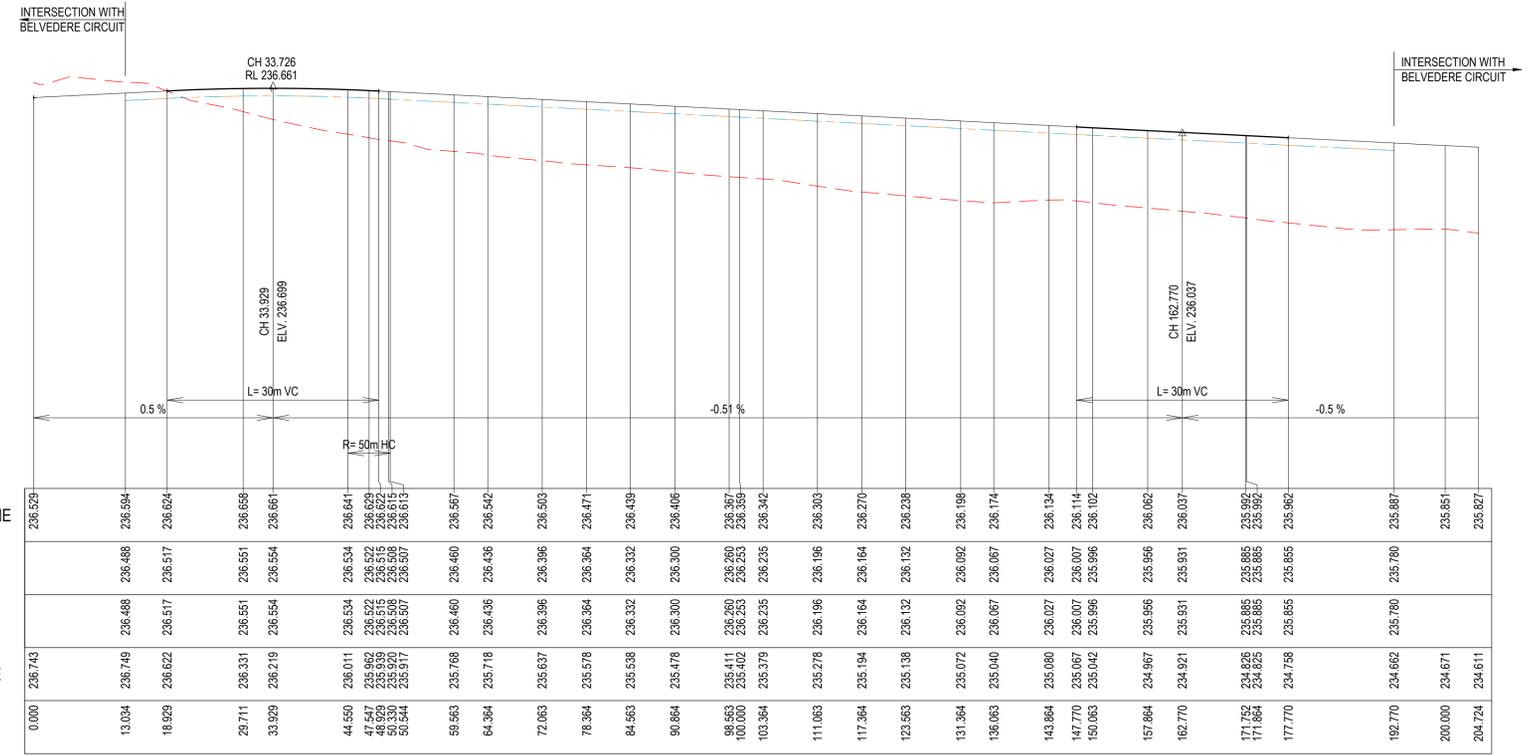
NOTE: REFER TO GENERAL NOTES 14 AND 15 REGARDING STRUCTURAL FILL



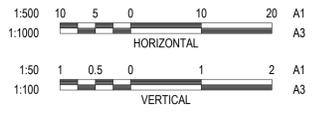
BELVEDERE CIRCUIT LONGITUDINAL SECTION



EXTENDED DRIVEWAY LONGITUDINAL SECTION

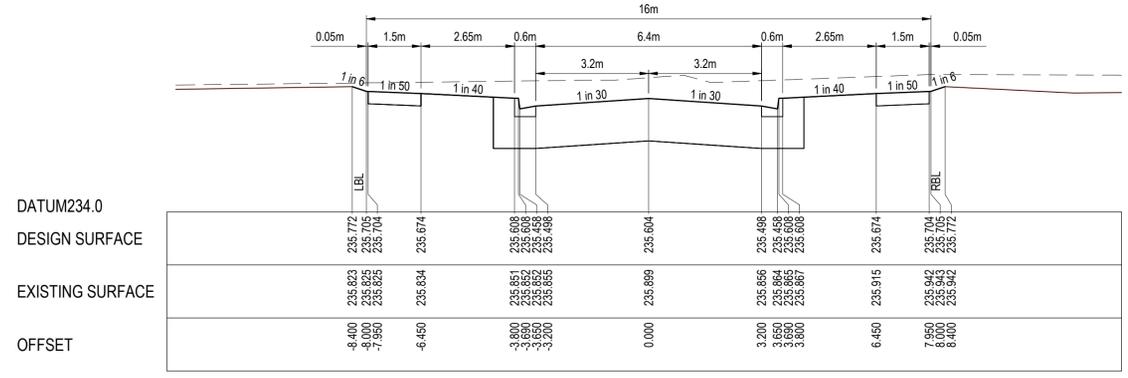


RAMPART STREET LONGITUDINAL SECTION

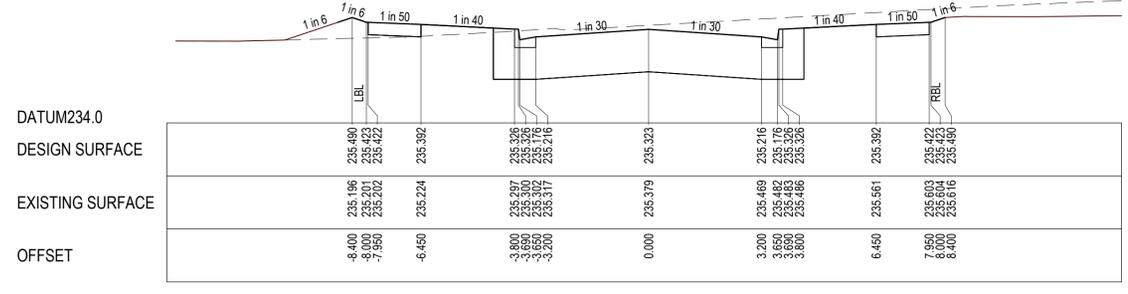


REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS	<b>marantali</b>	<b>creo</b> CONSULTANTS	<b>Matilda</b>	AS CONSTRUCTED	AS SHOWN	D.C.	D.C.
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS		Level 7, 176 Wellington Parade East Melbourne, VIC, Australia 3002			PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS					D.C.	T.P.	24/10/2022
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS					PROJECT No.	DRAWING No.	REVISION
										<b>180018.1B</b>	<b>R401</b>	<b>AC</b>

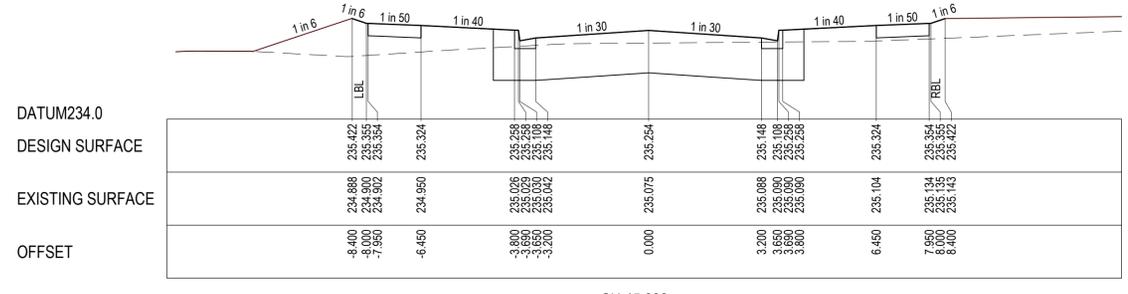
LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	TYPE A SELECTED MATERIAL FILL UNDER PAVEMENT AT 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE (REFER TO GENERAL NOTES - No.15)
	ALL OTHER FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED & RE-TOPSOILED TO FS LEVELS SHOWN ON PLAN. FILL MATERIAL TO BE CLEAN CLAY (REFER TO GENERAL NOTES - No.14)



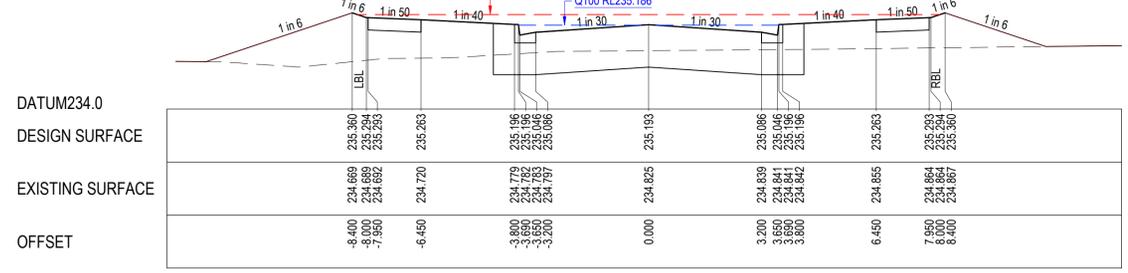
RTPCH 75.780



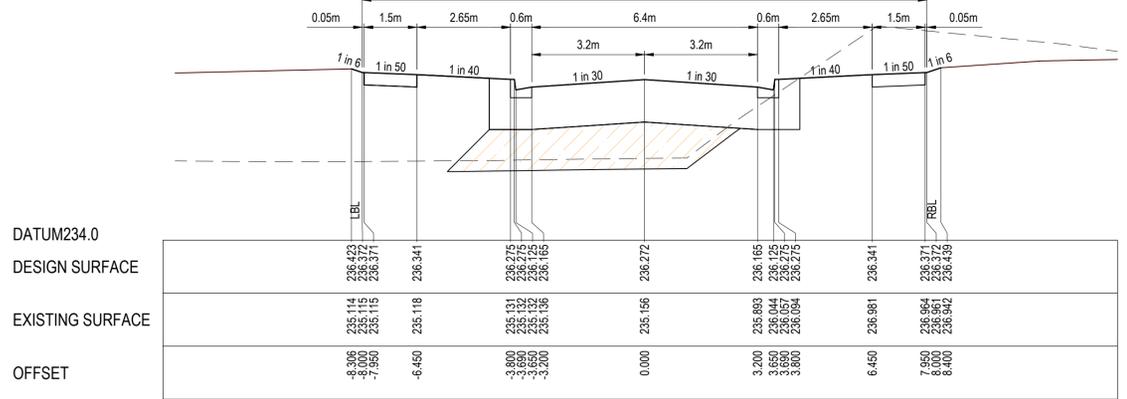
RTPCH 52.179



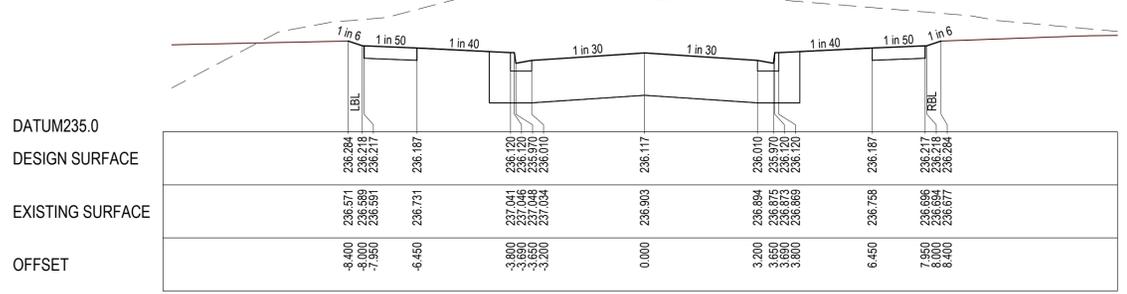
CH 45.000



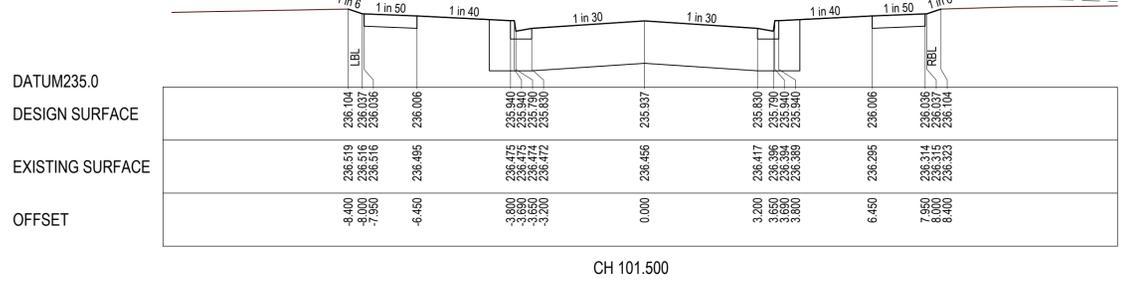
CH 37.664



RTPCH 123.119



CH 114.000

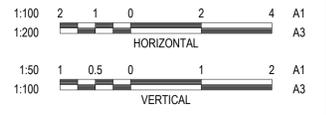


CH 101.500



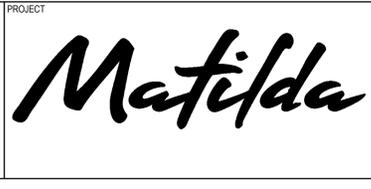
CH 85.500

BELVEDERE CIRCUIT CROSS SECTION



E:\2025\ENERGY\TEMP\2025\ENERGY\2025\ENERGY\SERVER\SERVER\2025\06\08\18\_16\_R500 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS



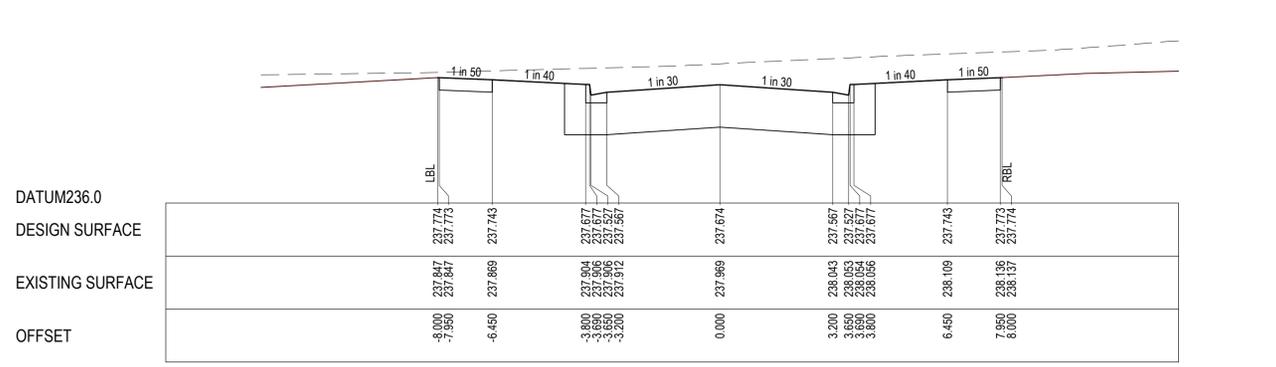
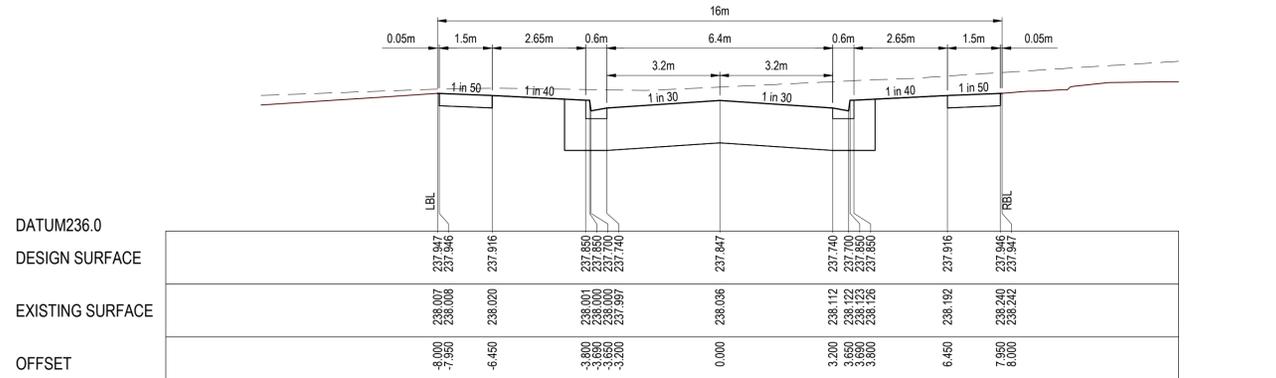
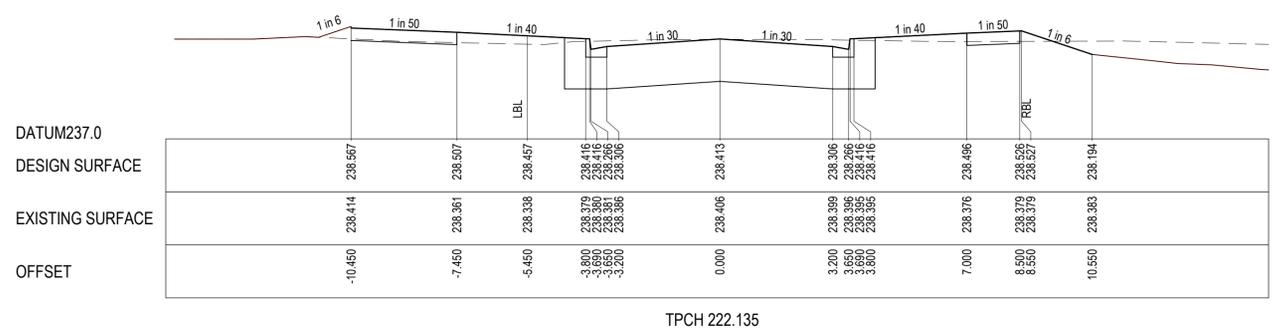
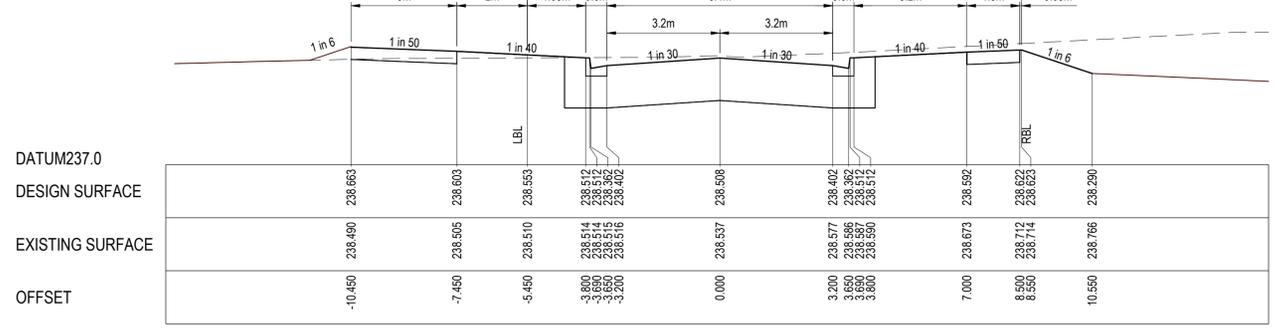
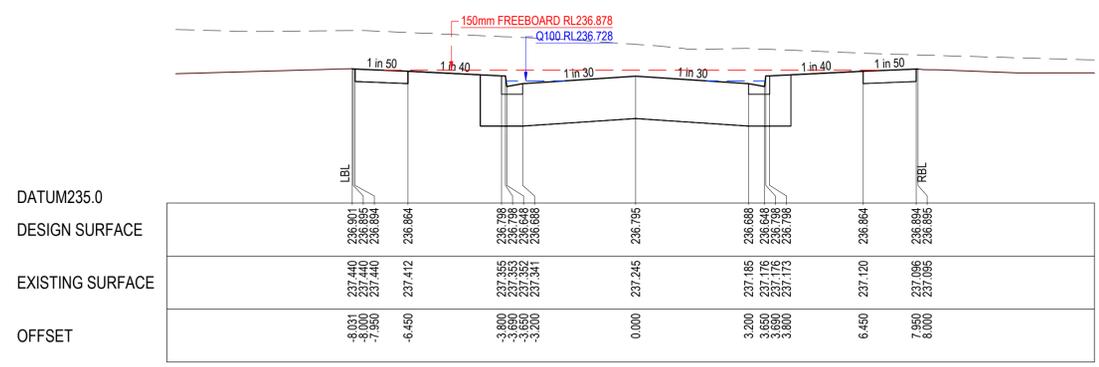
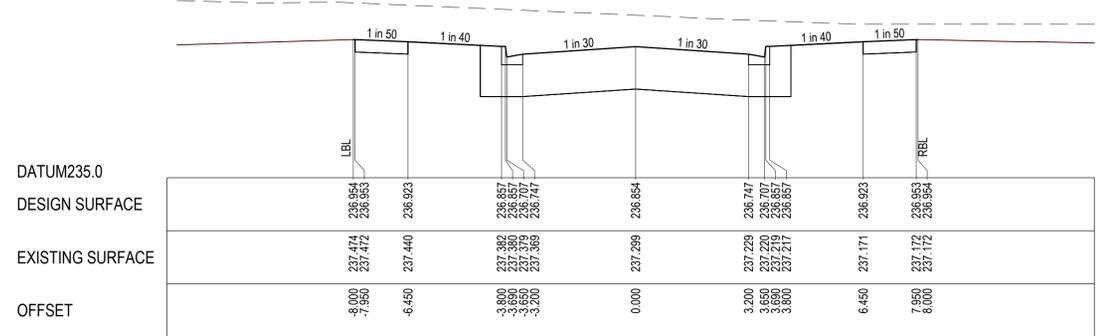
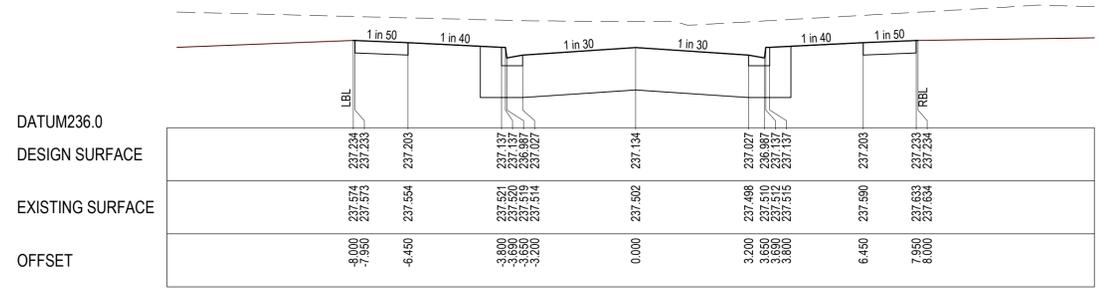
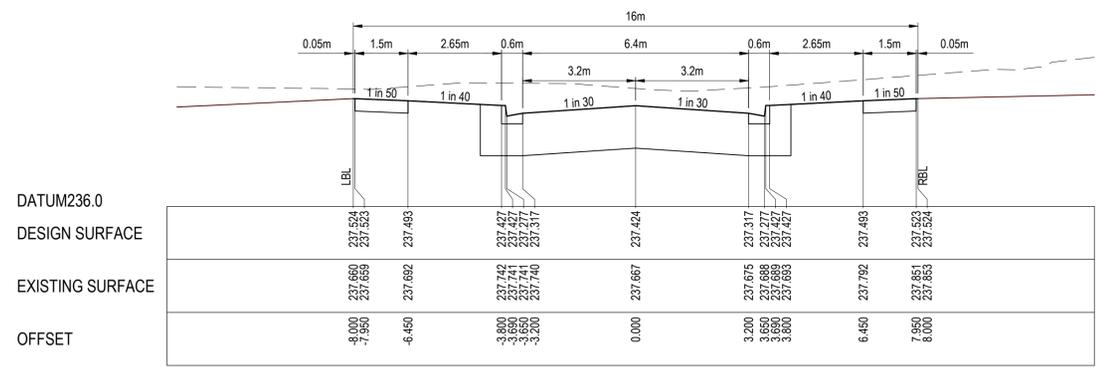
DRAWING TITLE  
**MATILDA - STAGE 1B  
ROAD CROSS SECTIONS - 1  
BELVEDERE CIRCUIT**

STATUS  
**AS CONSTRUCTED**

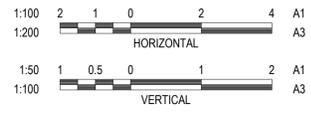
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R500</b>	<b>AC</b>

**LEGEND**

- EXISTING SURFACE
- DESIGN LINE
- TYPE A SELECTED MATERIAL FILL UNDER PAVEMENT AT 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE (REFER TO GENERAL NOTES - No.15)
- ALL OTHER FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED & RE-TOPSOILED TO FS LEVELS SHOWN ON PLAN. FILL MATERIAL TO BE CLEAN CLAY (REFER TO GENERAL NOTES - No.14)



BELVEDERE CIRCUIT CROSS SECTION



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS



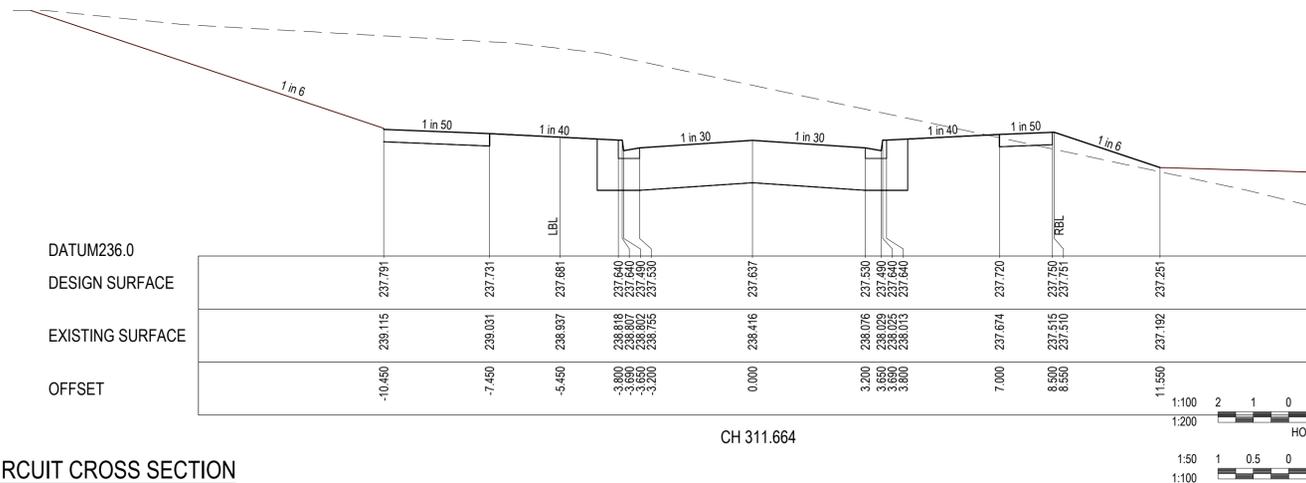
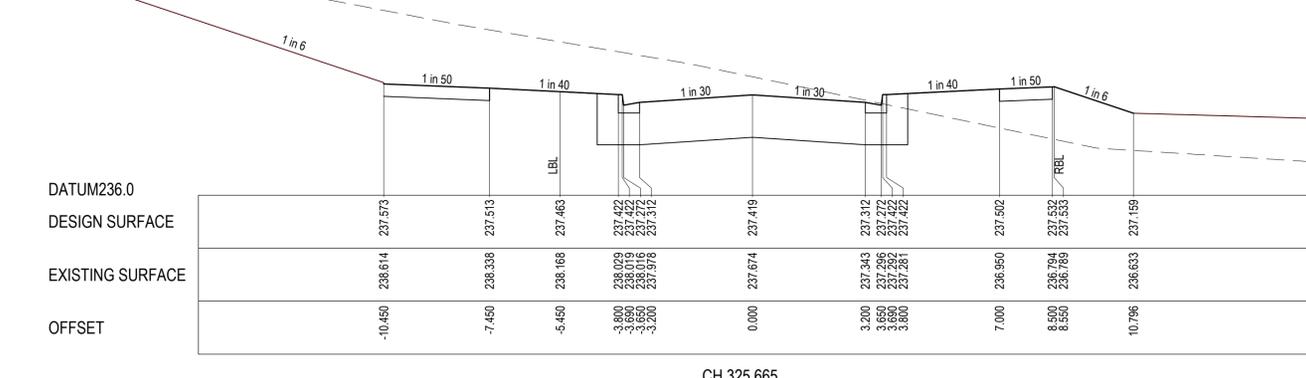
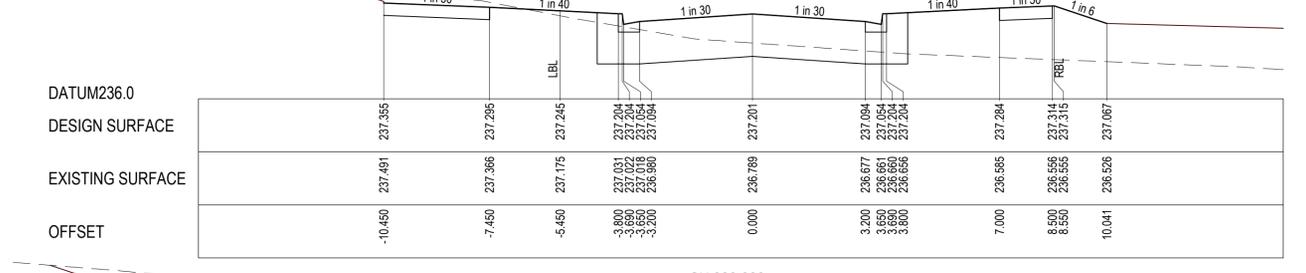
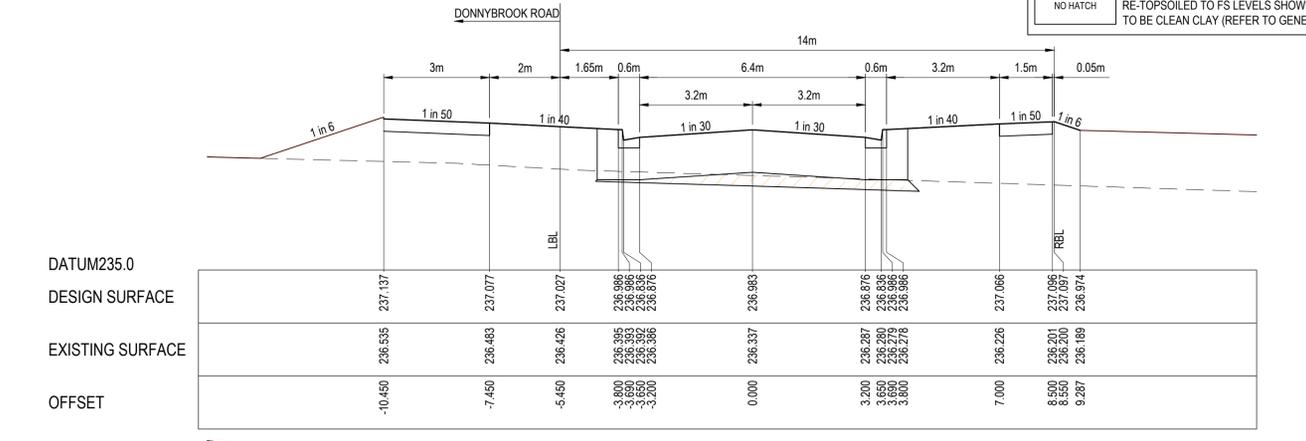
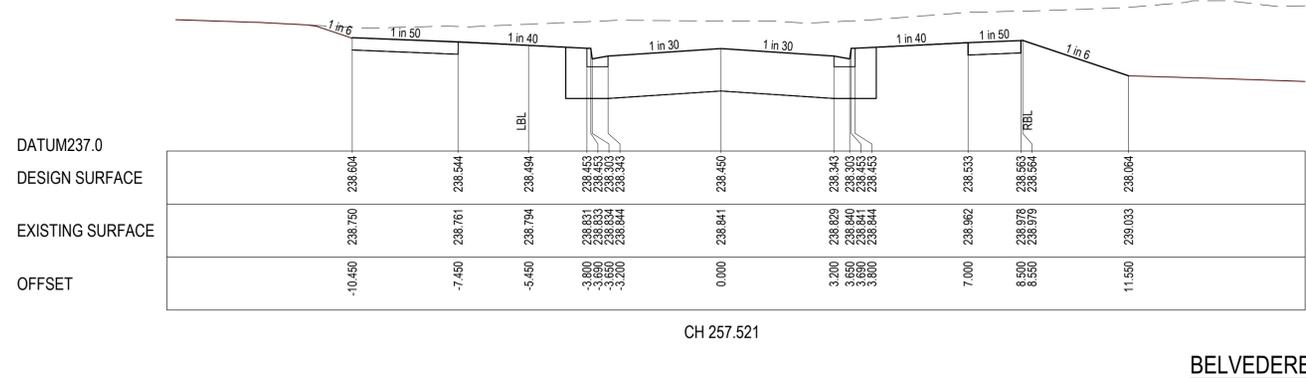
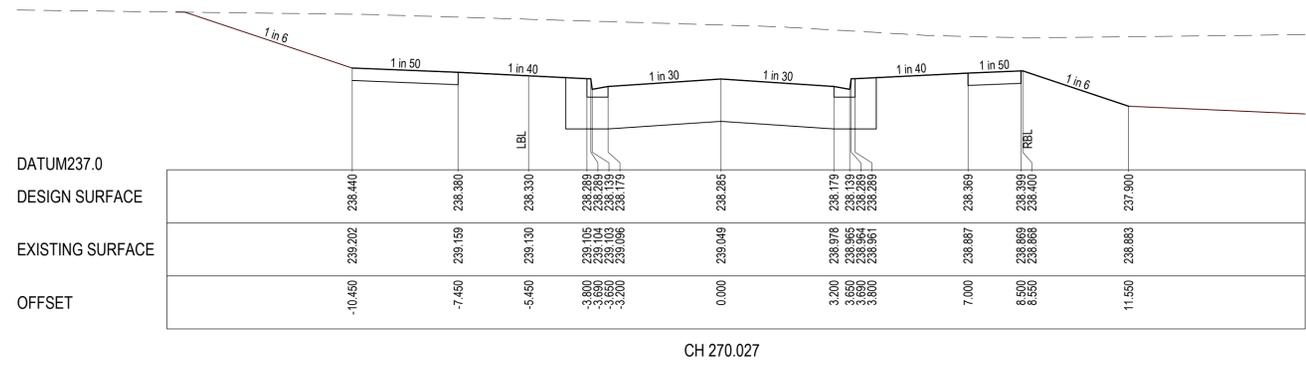
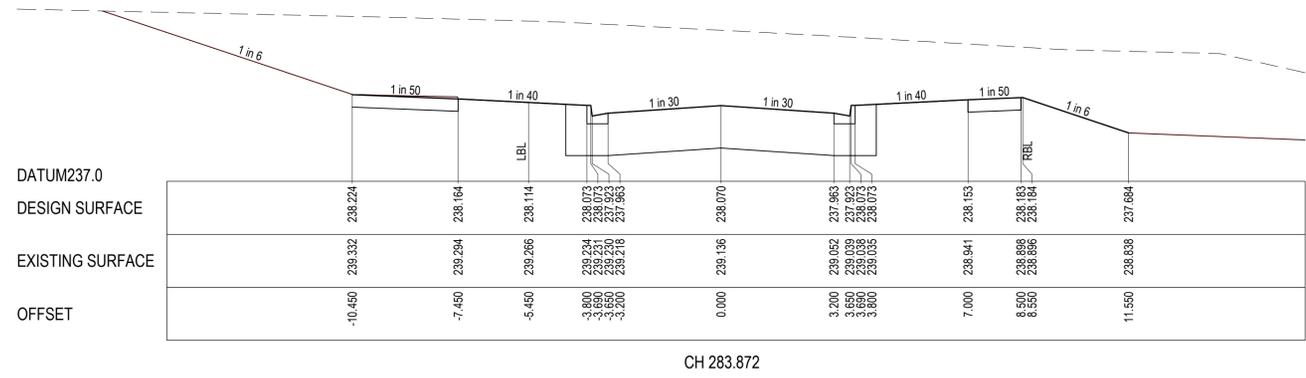
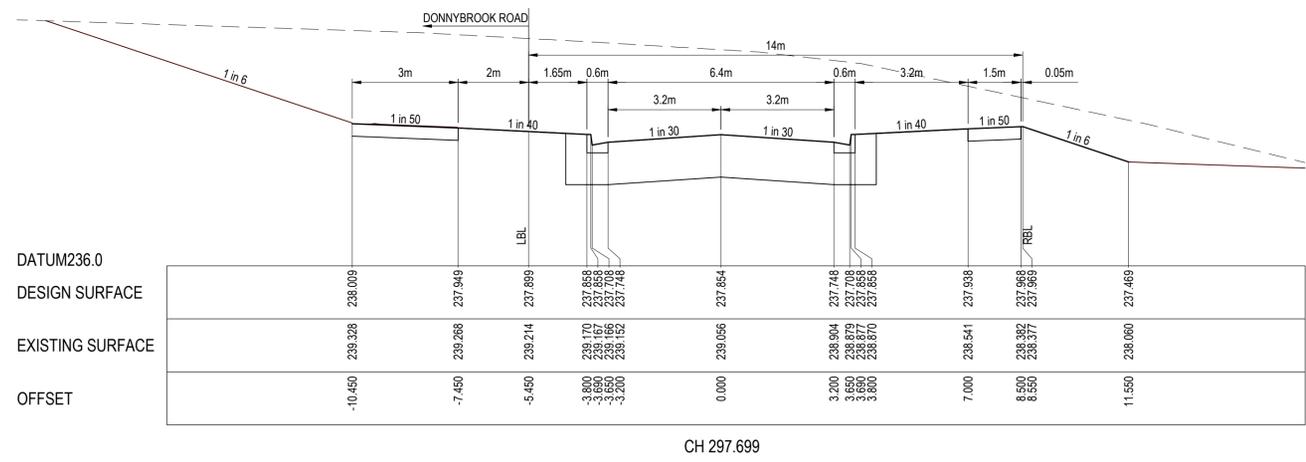
**MATILDA - STAGE 1B  
ROAD CROSS SECTIONS - 2  
BELVEDERE CIRCUIT**

**AS CONSTRUCTED**

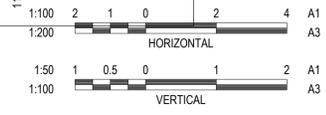
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R501</b>	<b>AC</b>

**LEGEND**

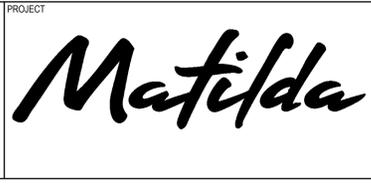
- EXISTING SURFACE
- DESIGN LINE
- TYPE A SELECTED MATERIAL FILL UNDER PAVEMENT AT 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE (REFER TO GENERAL NOTES - No.15)
- NO HATCH ALL OTHER FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED & RE-TOPSOILED TO FS LEVELS SHOWN ON PLAN. FILL MATERIAL TO BE CLEAN CLAY (REFER TO GENERAL NOTES - No.14)



BELVEDERE CIRCUIT CROSS SECTION



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS



**MATILDA - STAGE 1B ROAD CROSS SECTIONS - 3 BELVEDERE CIRCUIT**

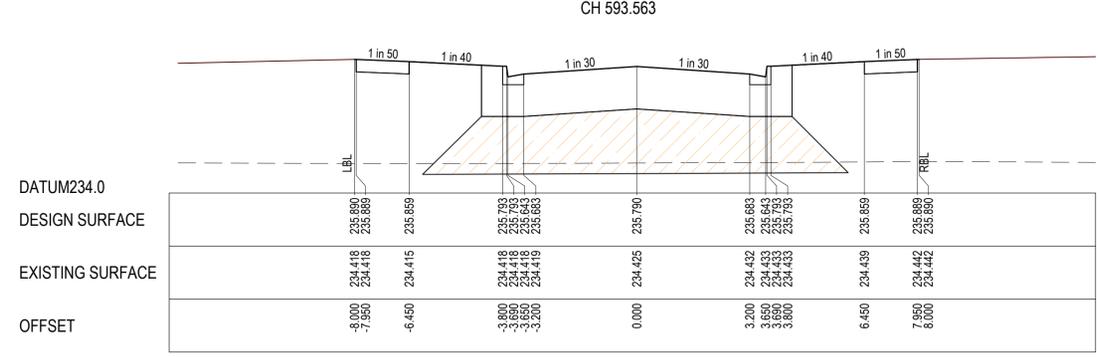
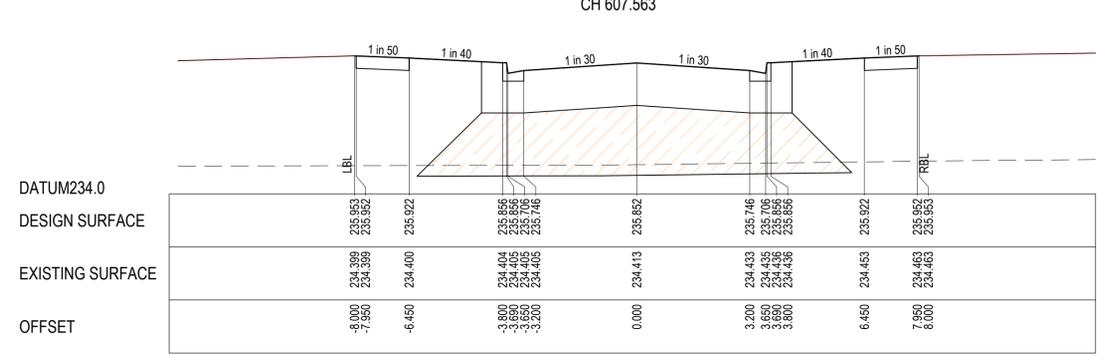
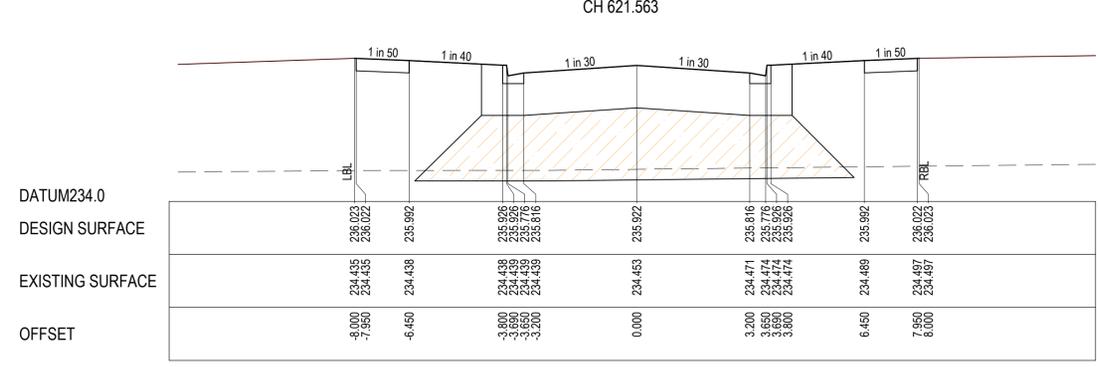
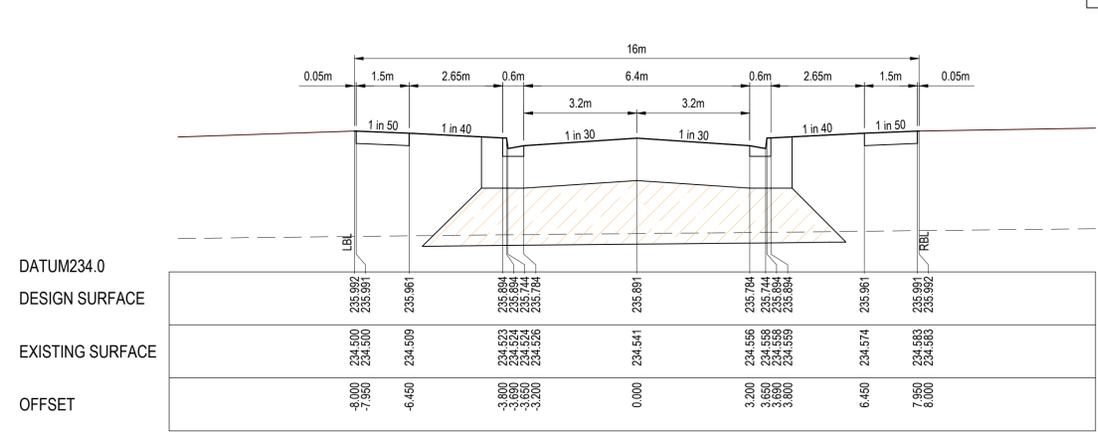
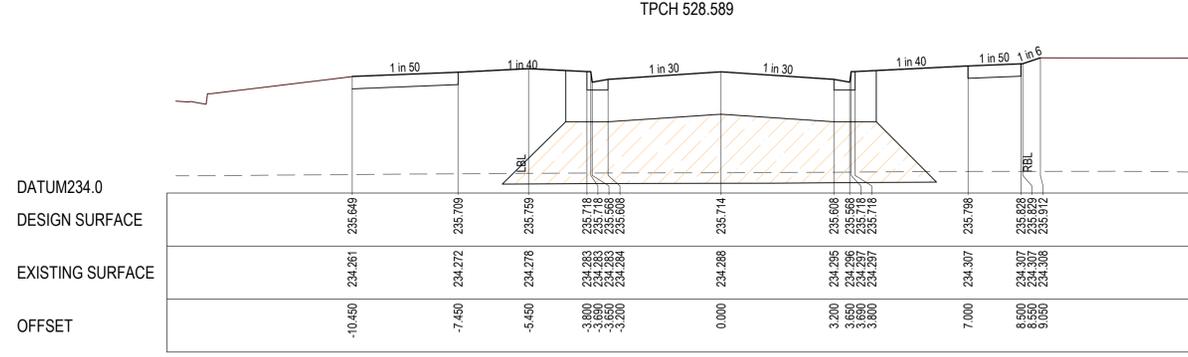
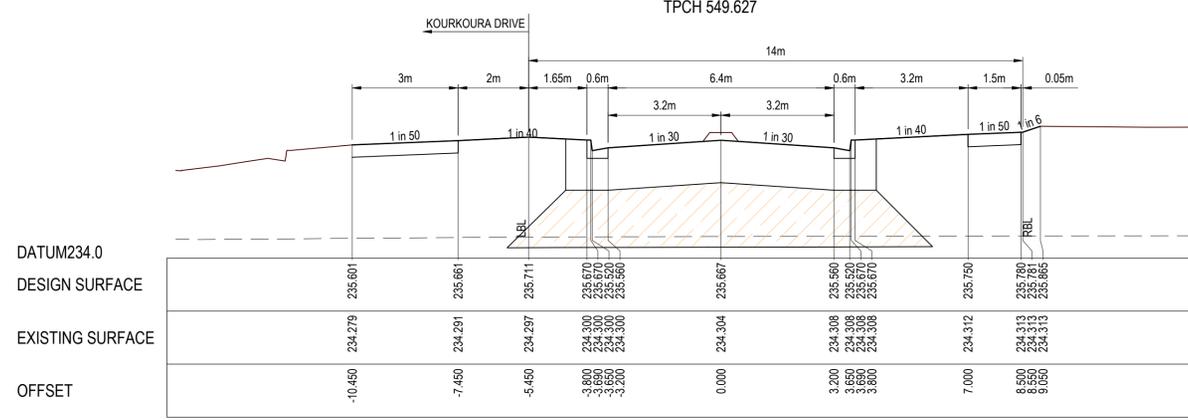
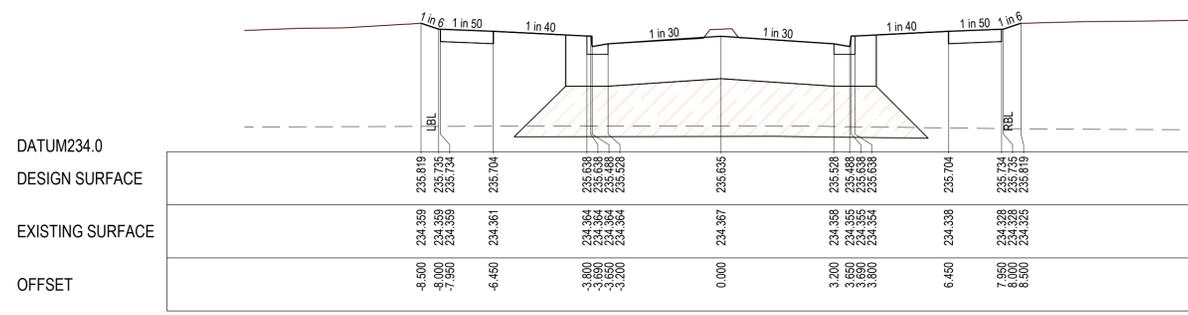
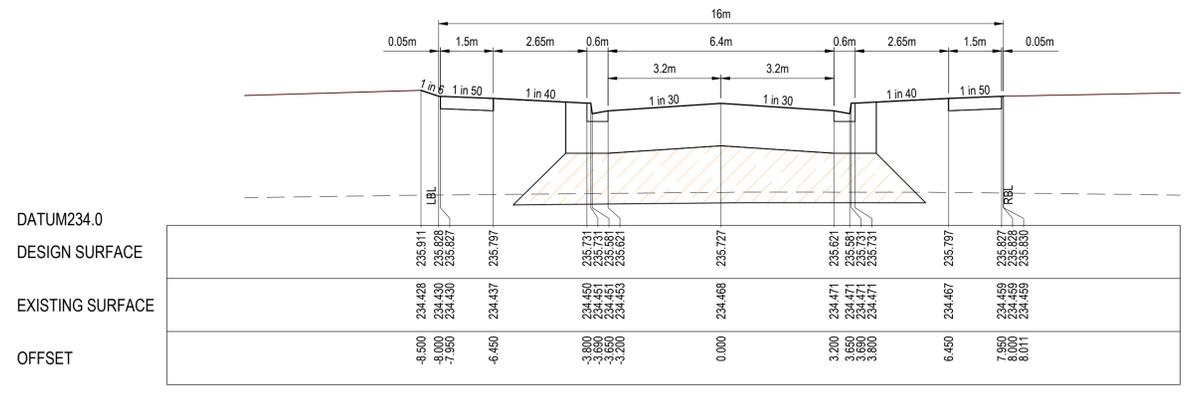
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R502</b>	<b>AC</b>

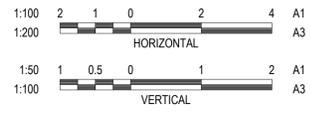
E:\2025\180018\180018\180018\_1B\_R502-ROAD CROSS SECTIONS.DWG



LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	TYPE A SELECTED MATERIAL FILL UNDER PAVEMENT AT 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE (REFER TO GENERAL NOTES - No.15)
	ALL OTHER FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED & RE-TOPSOILED TO FS LEVELS SHOWN ON PLAN. FILL MATERIAL TO BE CLEAN CLAY (REFER TO GENERAL NOTES - No.14)



BELVEDERE CIRCUIT CROSS SECTION



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

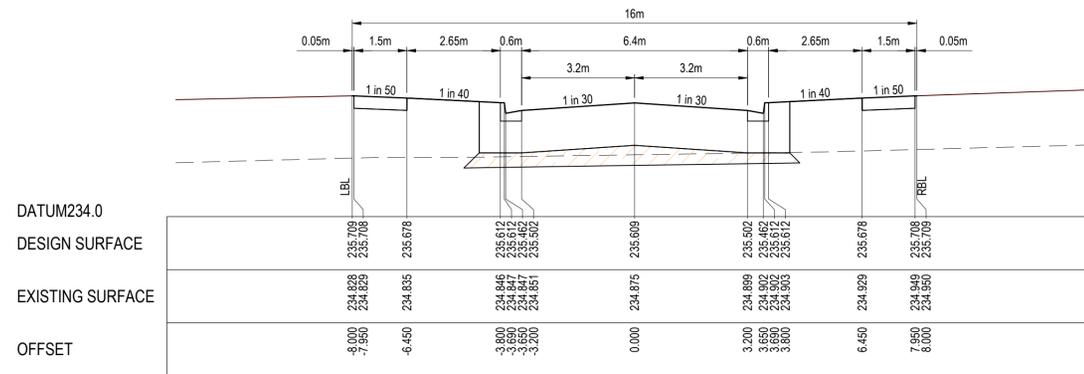


DRAWING TITLE  
**MATILDA - STAGE 1B  
 ROAD CROSS SECTIONS - 5  
 BELVEDERE CIRCUIT**

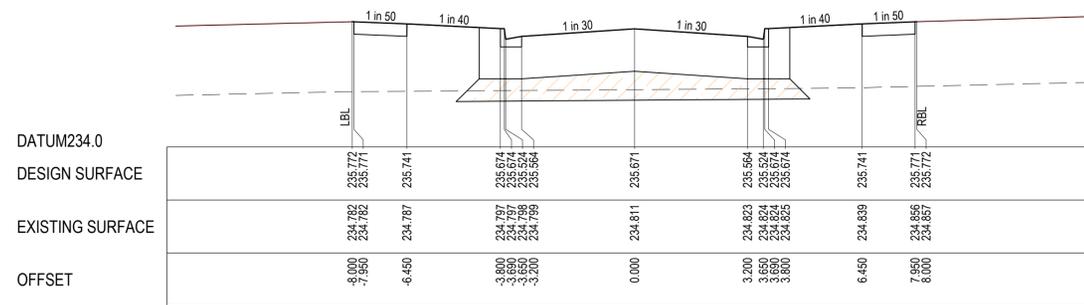
STATUS  
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R504</b>	<b>AC</b>

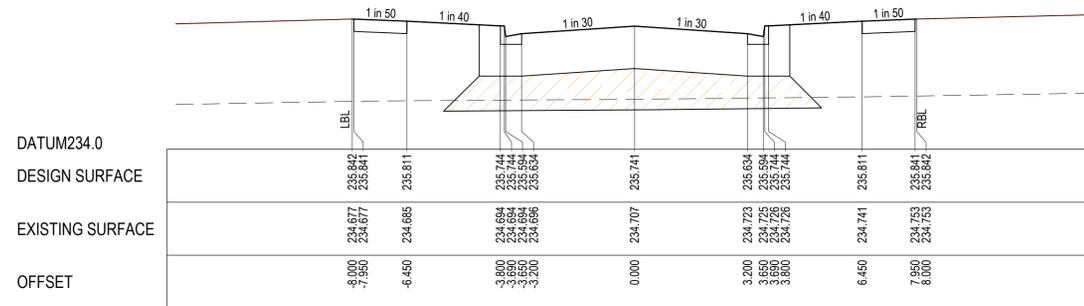
LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	TYPE A SELECTED MATERIAL FILL UNDER PAVEMENT AT 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE (REFER TO GENERAL NOTES - No.15)
	ALL OTHER FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED & RE-TOPSOILED TO FS LEVELS SHOWN ON PLAN. FILL MATERIAL TO BE CLEAN CLAY (REFER TO GENERAL NOTES - No.14)



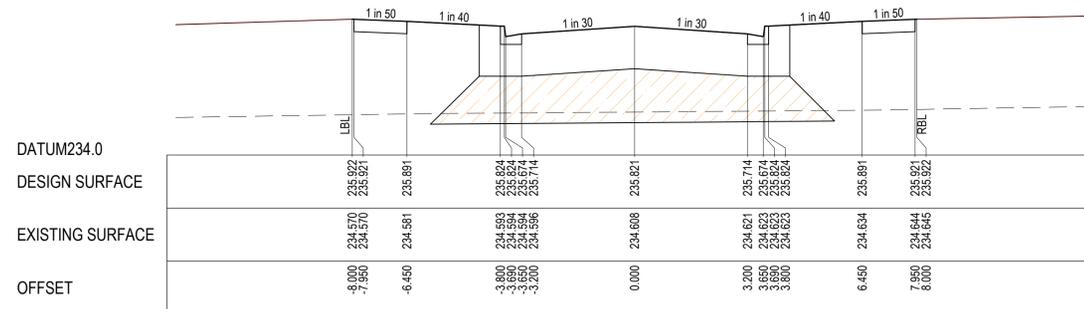
CH 678.063



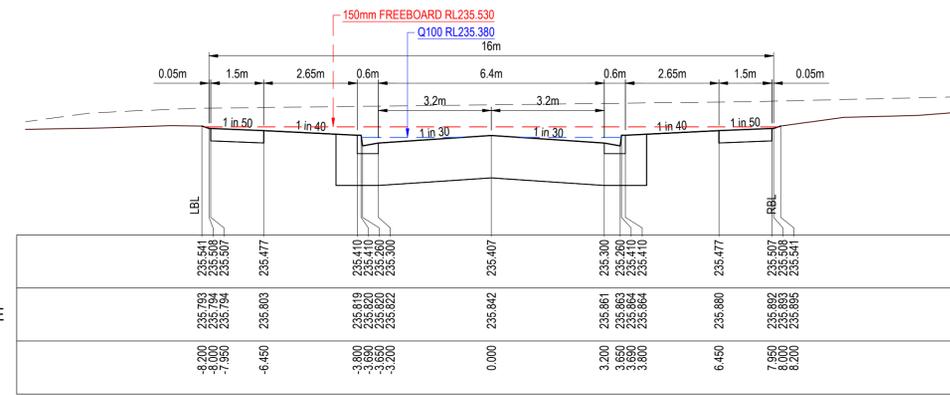
CH 665.563



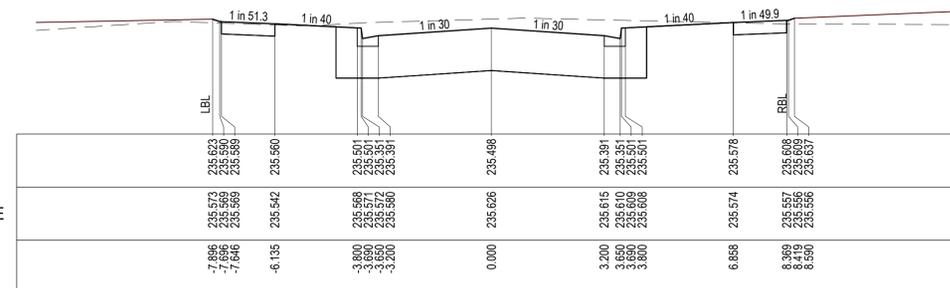
CH 651.563



CH 635.563

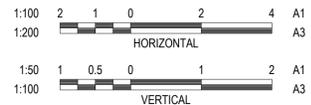


TPCH 718.354



CH 700.219

BELVEDERE CIRCUIT CROSS SECTION



E:\2025\ENERGY\TEMP\2025\ENERGY\2025\ENERGY\SERVER\DRAWING\2025\R505\18018.1B\_R505-ROAD\_CROSS\_SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

CLIENT

PROJECT

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

DRAWING TITLE

**MATILDA - STAGE 1B  
ROAD CROSS SECTIONS - 6  
BELVEDERE CIRCUIT**

STATUS

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R505</b>	<b>AC</b>

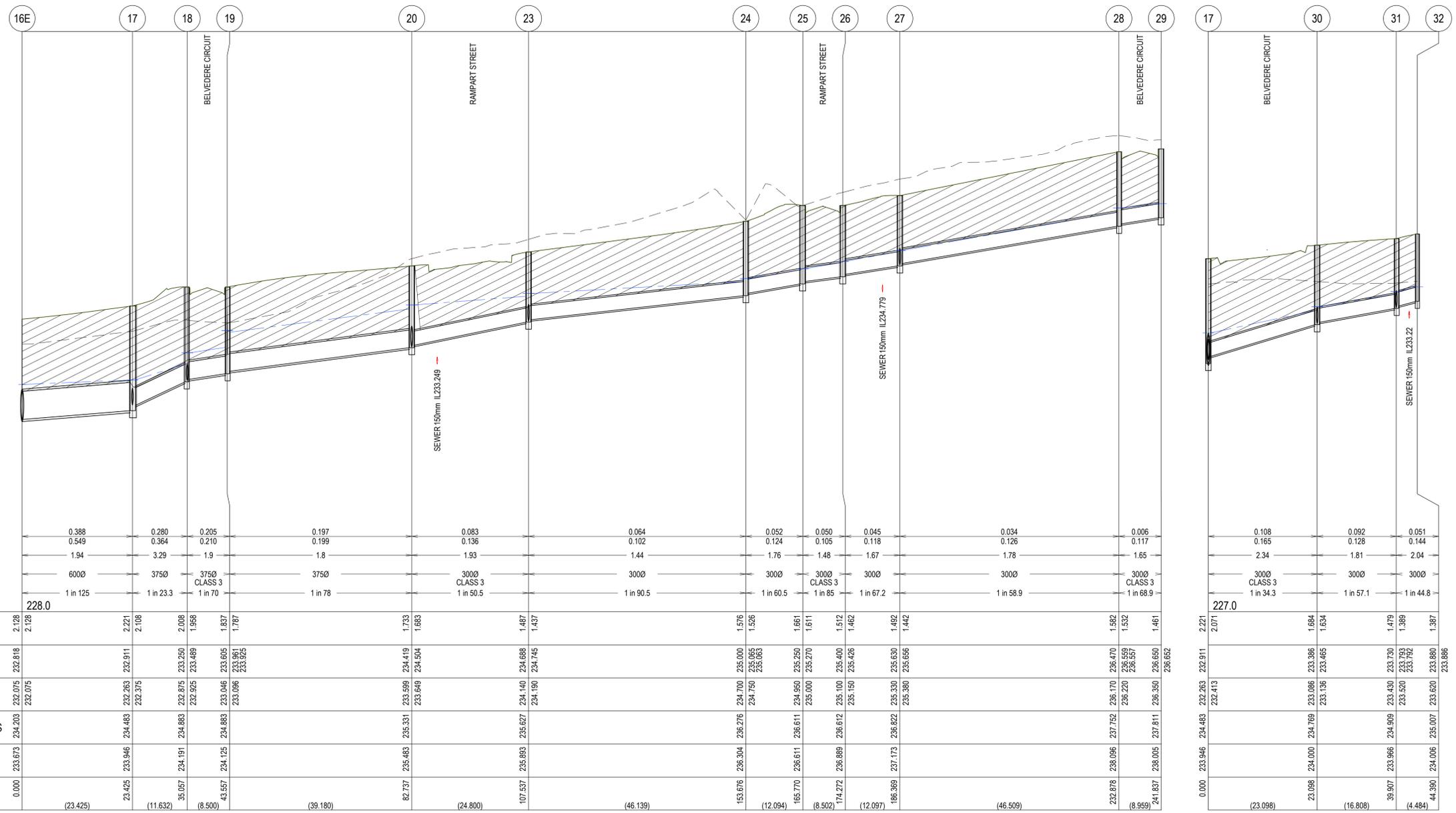




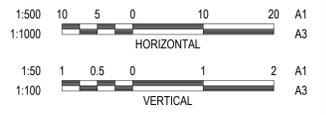
**LEGEND**

- EXISTING SURFACE
- DESIGN SURFACE
- DESIGN SURFACE (FUTURE)
- DRAINAGE PIPE/PIT
- - - EXISTING DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE
- INDICATIVE ELECTRICITY
- INDICATIVE GAS
- INDICATIVE OPTIC
- INDICATIVE RECYCLE WATER
- INDICATIVE WATER
- ▨ CRUSHED ROCK BACKFILL

NOTE: ALL DRAINAGE PIPES ARE CLASS 2 RCP TYPE UNLESS OTHERWISE SHOWN



	16E	17	18	19	20	23	24	25	26	27	28	29	17	30	31	32
DESIGN FLOW (m3/s)	0.388	0.280	0.205		0.197	0.083	0.052	0.050	0.045		0.034	0.006	0.108	0.092	0.051	
CAPACITY (m3/s)	0.549	0.364	0.210		0.199	0.136	0.124	0.105	0.118		0.126	0.117	0.165	0.128	0.144	
AT GRADE VELOCITY (m/s)	1.94	3.29	1.9		1.8	1.93	1.76	1.48	1.67		1.78	1.65	2.34	1.81	2.04	
PIPE SIZE (mm)	6000	3750	3750		3750	3000	3000	3000	3000		3000	3000	3000	3000	3000	
GRADE DATUM	228.0	1 in 23.3	1 in 70		1 in 78	1 in 50.5	1 in 60.5	1 in 85	1 in 67.2		1 in 58.9	1 in 68.9	1 in 34.3	1 in 57.1	1 in 44.8	
DEPTH TO INVERT	2.128	2.221	2.108		1.733	1.487	1.576	1.611	1.512		1.482	1.461	2.221	1.684	1.479	
HYDRAULIC GRADE LINE	232.075	232.911	232.250		234.419	234.688	234.700	235.000	235.400		236.170	236.650	232.911	233.396	233.730	
INVERT LEVEL	232.075	232.263	232.875		233.589	234.190	234.700	235.000	235.400		236.220	236.650	232.413	233.136	233.520	
FINISHED SURFACE LEVELS	234.203	234.483	234.883		235.331	234.140	236.276	234.750	235.612		237.752	236.350	234.483	234.769	234.909	
EXISTING SURFACE LEVEL	233.673	233.946	234.191		235.483	235.693	236.304	235.611	236.889		236.096	236.005	233.946	234.000	233.966	
CHAINAGE (Reach Length)	0.000	(23.425)	(11.632)		(8.500)	(39.180)	(24.800)	(12.094)	(8.502)		(46.509)	(8.959)	(23.098)	(16.808)	(4.484)	



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

**marantali**

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

**Matilda**

**MATILDA - STAGE 1B  
DRAINAGE LONGITUDINAL SECTIONS - 1**

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R600</b>	<b>AC</b>

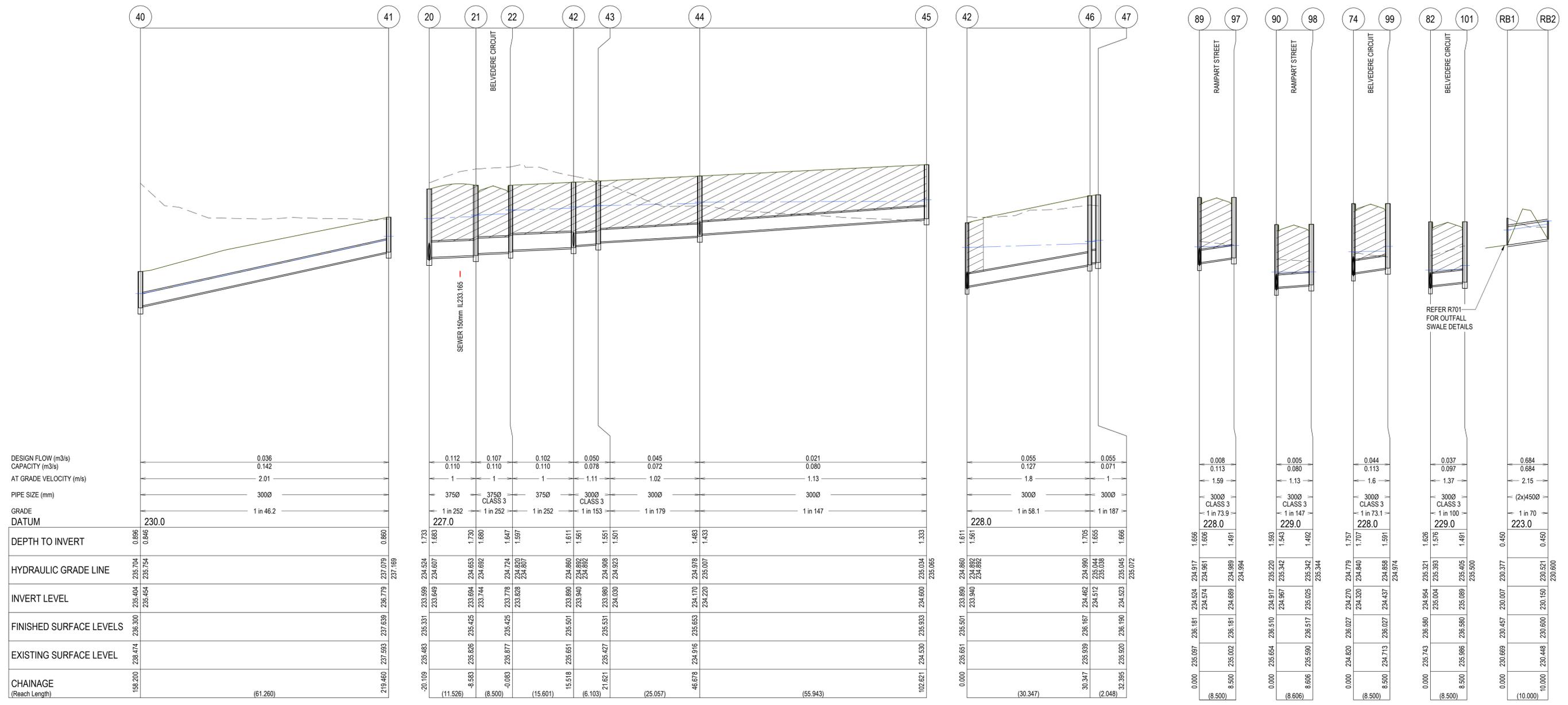
E:\2025\180018\180018\_1B\_R600\_DRAINAGE LONG SECTIONS.DWG



**LEGEND**

- EXISTING SURFACE
- DESIGN SURFACE
- DESIGN SURFACE (FUTURE)
- DRAINAGE PIPE/PIT
- EXISTING DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE
- INDICATIVE ELECTRICITY
- INDICATIVE GAS
- INDICATIVE OPTIC
- INDICATIVE RECYCLE WATER
- INDICATIVE WATER
- CRUSHED ROCK BACKFILL

NOTE: ALL DRAINAGE PIPES ARE CLASS 2 RCP TYPE UNLESS OTHERWISE SHOWN



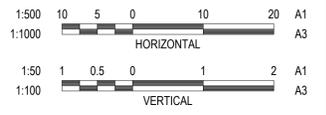
DESIGN FLOW (m3/s)		0.036
CAPACITY (m3/s)		0.142
AT GRADE VELOCITY (m/s)		2.01
PIPE SIZE (mm)		3000
GRADE DATUM	230.0	1 in 46.2
DEPTH TO INVERT	0.896 0.846	
HYDRAULIC GRADE LINE	235.704 235.754	
INVERT LEVEL	235.404 235.454	
FINISHED SURFACE LEVELS	236.300 236.474	
EXISTING SURFACE LEVEL	237.639 237.953	
CHAINAGE (Reach Length)	(61.260)	

0.112 0.110	0.107 0.110	0.102 0.110	0.050 0.078	0.045 0.072	0.021 0.071
1	1	1	1.11	1.02	1.13
3750	3750 CLASS 3	3750	3000 CLASS 3	3000	3000
1 in 252	1 in 252	1 in 252	1 in 153	1 in 179	1 in 147
227.0					
1.733 1.683	1.730 1.680	1.647 1.597	1.611 1.561	1.483 1.433	1.333
233.599 233.649	234.524 234.607	234.724 234.807	234.860 234.892	234.978 235.007	235.034 235.065
233.649 233.744	234.653 234.692	234.724 234.807	234.860 234.892	234.978 235.007	235.034 235.065
235.404 235.454	236.425 236.464	236.425 236.464	236.531 236.561	236.653 236.683	236.779 237.079
236.300 236.474	236.425 236.464	236.425 236.464	236.531 236.561	236.653 236.683	236.779 237.079
237.639 237.953	238.659 238.973	238.659 238.973	238.771 239.085	238.893 239.207	239.015 239.329
(61.260)	(11.526)	(8.500)	(6.103)	(25.057)	(55.943)

0.055 0.127	0.055 0.071
1.8	1
3000	3000
1 in 58.1	1 in 187
228.0	
1.611 1.561	1.705 1.655
233.890 233.940	234.990 235.038
233.940 234.892	234.990 235.038
235.651 235.965	236.190 236.504
235.651 235.965	236.190 236.504
236.181 236.495	236.313 236.627
(30.347)	(2.048)

0.008 0.113	0.005 0.080	0.044 0.113	0.037 0.097	0.684 0.684
1.59	1.13	1.6	1.37	2.15
3000 CLASS 3	3000 CLASS 3	3000 CLASS 3	3000 CLASS 3	(2x)4500
1 in 73.9	1 in 147	1 in 100	1 in 100	1 in 70
228.0	229.0	228.0	229.0	223.0
1.656 1.606	1.593 1.543	1.757 1.707	1.626 1.576	0.450 0.450
234.524 234.961	235.220 235.342	234.779 234.840	235.321 235.393	230.007 230.150
234.524 234.961	235.220 235.342	234.779 234.840	235.321 235.393	230.007 230.150
236.181 236.495	236.510 236.824	236.027 236.107	236.143 236.457	236.269 236.583
(8.500)	(8.606)	(8.500)	(8.500)	(10.000)

0.000 235.097	236.181 236.495	234.524 234.917	234.917 235.220	1.656 1.606
8.500	8.500	8.500	8.500	8.500
235.097 235.097	236.181 236.495	234.524 234.917	234.917 235.220	1.656 1.606
235.097 235.097	236.181 236.495	234.524 234.917	234.917 235.220	1.656 1.606
236.181 236.495	236.510 236.824	236.027 236.107	236.143 236.457	236.269 236.583
(8.500)	(8.606)	(8.500)	(8.500)	(10.000)



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

**marantali**

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

**Matilda**

**MATILDA - STAGE 1B  
DRAINAGE LONGITUDINAL SECTIONS - 3**

**AS CONSTRUCTED**

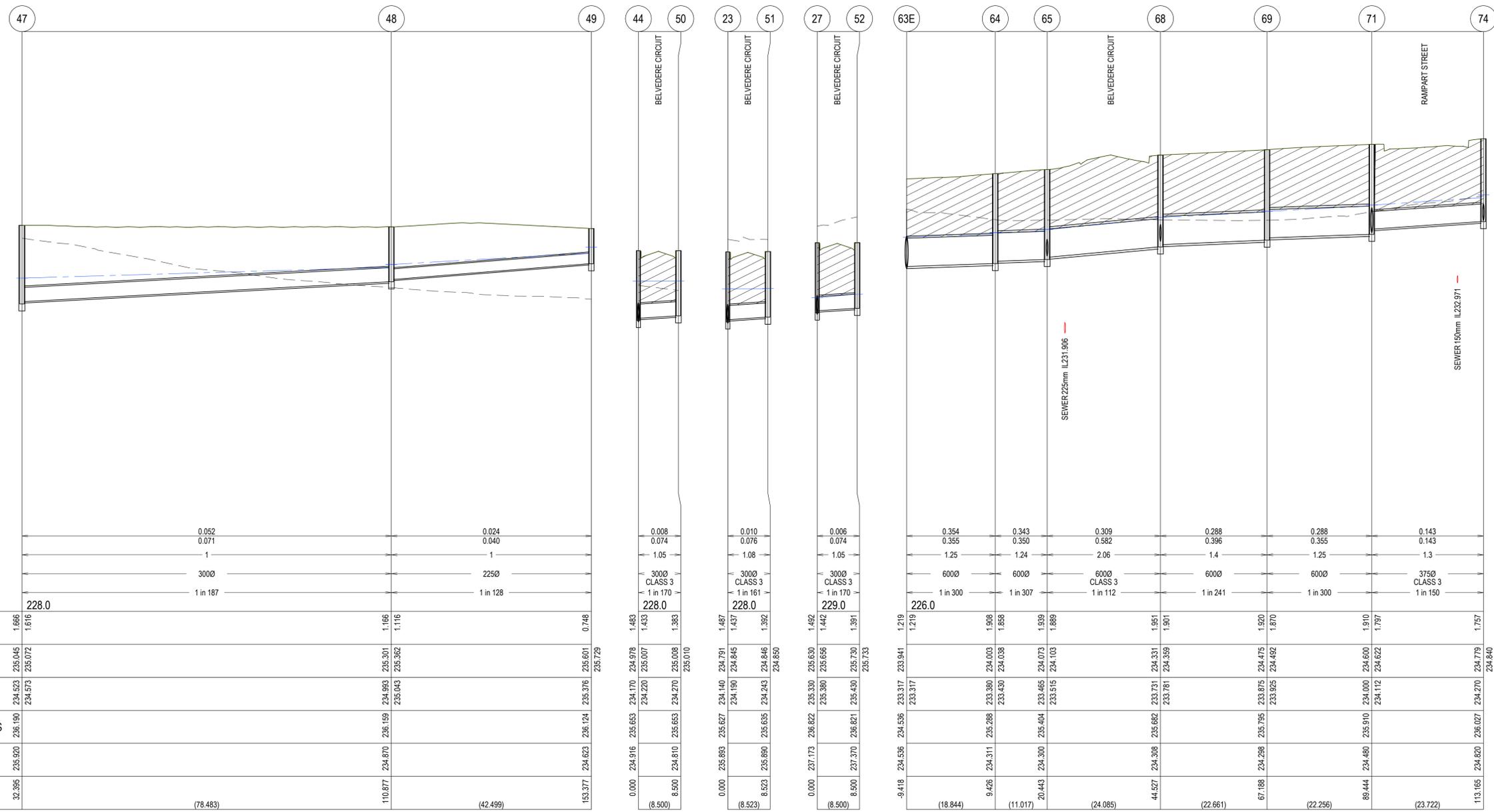
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R602</b>	<b>AC</b>

E:\2025\180018.1B\_R602\_DRAINAGE LONG SECTIONS.DWG

**LEGEND**

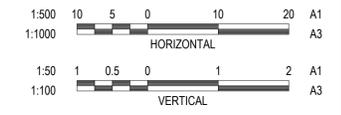
- EXISTING SURFACE
- DESIGN SURFACE
- DESIGN SURFACE (FUTURE)
- DRAINAGE PIPE/PIT
- EXISTING DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE
- INDICATIVE ELECTRICITY
- INDICATIVE GAS
- INDICATIVE OPTIC
- INDICATIVE RECYCLE WATER
- INDICATIVE WATER
- CRUSHED ROCK BACKFILL

NOTE: ALL DRAINAGE PIPES ARE CLASS 2 RCP TYPE UNLESS OTHERWISE SHOWN



DESIGN FLOW (m <sup>3</sup> /s)	0.052	0.024	
CAPACITY (m <sup>3</sup> /s)	0.071	0.040	
AT GRADE VELOCITY (m/s)	1	1	
PIPE SIZE (mm)	3000	2250	
GRADE DATUM	228.0	228.0	
DEPTH TO INVERT	1.666 1.616	1.166 1.116	0.748 235.729
HYDRAULIC GRADE LINE	234.523 235.045	234.983 235.301	235.601 235.601
INVERT LEVEL	234.573 235.072	235.043 235.362	235.376 235.601
FINISHED SURFACE LEVELS	236.190	236.159 234.983 235.301	235.124 235.376 235.601
EXISTING SURFACE LEVEL	235.920	234.870 236.159 234.983 235.301	234.623 236.124 235.376 235.601
CHAINAGE (Reach Length)	32.395	110.877 234.870 236.159 234.983 235.301	153.377 234.623 236.124 235.376 235.601
		(78.483)	(42.499)

DESIGN FLOW (m <sup>3</sup> /s)	0.008	0.010	0.006	0.354	0.343	0.309	0.288	0.288	0.143
CAPACITY (m <sup>3</sup> /s)	0.074	0.076	0.074	0.355	0.350	0.582	0.396	0.355	0.143
AT GRADE VELOCITY (m/s)	1.05	1.08	1.05	1.25	1.24	2.06	1.4	1.25	1.3
PIPE SIZE (mm)	3000	3000	3000	6000	6000	6000	6000	6000	3750
GRADE DATUM	228.0	228.0	229.0	226.0	226.0	226.0	226.0	226.0	226.0
DEPTH TO INVERT	1.483	1.437	1.492	1.219	1.219	1.219	1.219	1.219	1.757
HYDRAULIC GRADE LINE	234.170 234.978	234.140 234.791	235.330 235.630	233.317 233.941	233.317 233.941	233.317 233.941	233.317 233.941	233.317 233.941	234.779 234.840
INVERT LEVEL	234.220 235.007	234.190 234.845	235.380 235.656	233.317 233.941	233.317 233.941	233.317 233.941	233.317 233.941	233.317 233.941	234.270 234.840
FINISHED SURFACE LEVELS	235.008 1.383	235.635 234.243	236.822 235.330	234.536 234.536	234.536 234.536	234.536 234.536	234.536 234.536	234.536 234.536	236.027 234.270
EXISTING SURFACE LEVEL	234.810 235.653	235.680 234.243	237.173 236.822	234.536 234.536	234.536 234.536	234.536 234.536	234.536 234.536	234.536 234.536	234.820 234.840
CHAINAGE (Reach Length)	8.500	8.523	8.500	18.844	11.017	24.085	22.661	22.256	23.722



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

**marantali**

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

**Matilda**

DRAWING TITLE  
**MATILDA - STAGE 1B  
DRAINAGE LONGITUDINAL SECTIONS - 4**

STATUS  
**AS CONSTRUCTED**

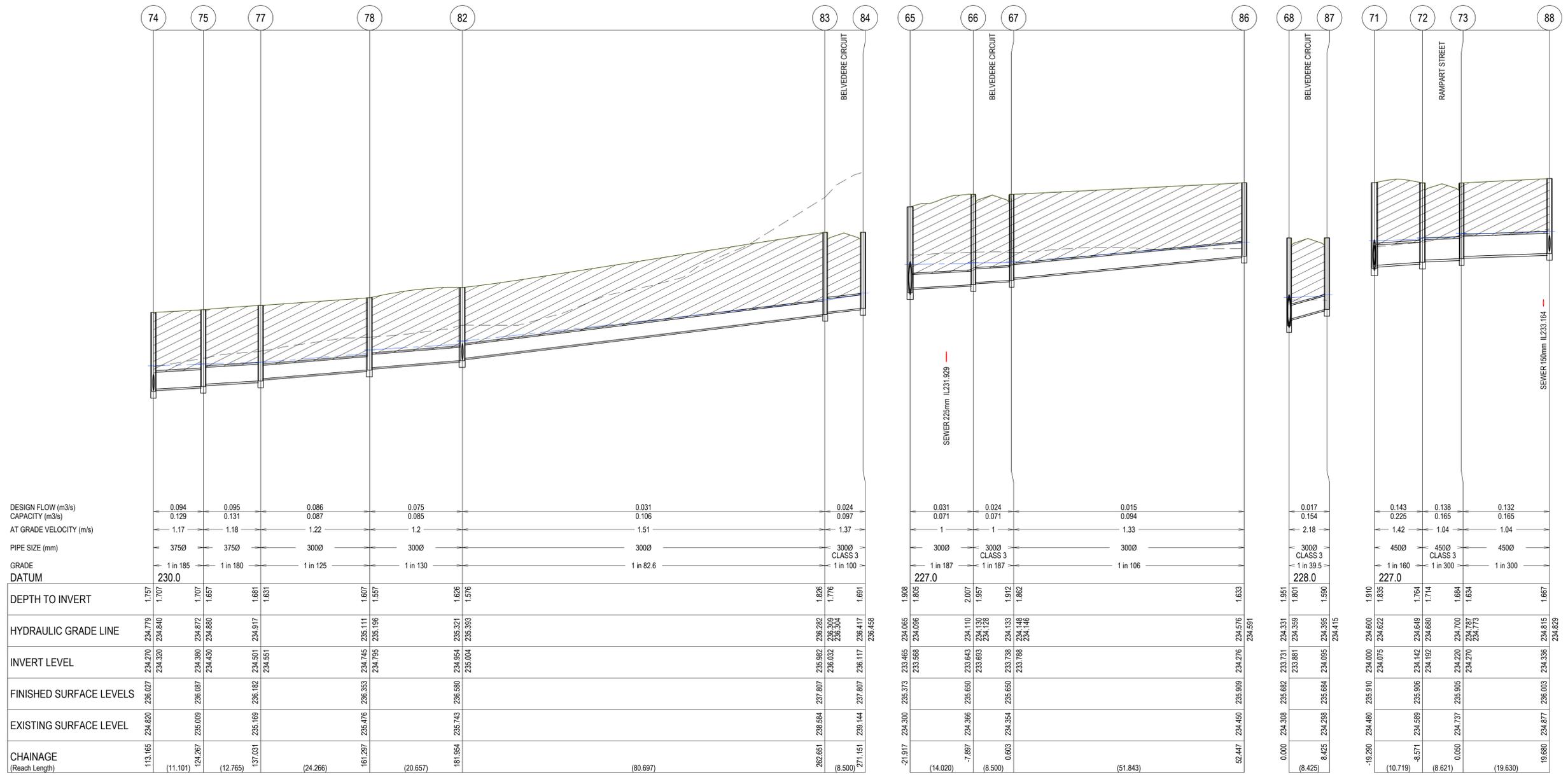
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R603</b>	<b>AC</b>

E:\2025\180018.1B\_R603\_DRAINAGE LONG SECTIONS.DWG

**LEGEND**

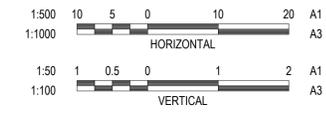
- EXISTING SURFACE
- DESIGN SURFACE
- DESIGN SURFACE (FUTURE)
- DRAINAGE PIPE/PIT
- EXISTING DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE
- INDICATIVE ELECTRICITY
- INDICATIVE GAS
- INDICATIVE OPTIC
- INDICATIVE RECYCLE WATER
- INDICATIVE WATER
- ▨ CRUSHED ROCK BACKFILL

NOTE: ALL DRAINAGE PIPES ARE CLASS 2 RCP TYPE UNLESS OTHERWISE SHOWN



	74	75	77	78	82	83	84
DESIGN FLOW (m3/s)	0.094	0.095	0.086	0.075	0.031	0.024	0.024
CAPACITY (m3/s)	0.129	0.131	0.087	0.085	0.106	0.097	0.097
AT GRADE VELOCITY (m/s)	1.17	1.18	1.22	1.2	1.51	1.37	1.37
PIPE SIZE (mm)	3750	3750	3000	3000	3000	3000	3000
GRADE DATUM	230.0	230.0	230.0	230.0	230.0	230.0	230.0
DEPTH TO INVERT	1.757	1.707	1.681	1.607	1.626	1.826	1.776
HYDRAULIC GRADE LINE	234.270	234.779	234.320	234.840	234.872	234.880	234.880
INVERT LEVEL	234.270	234.320	234.380	234.872	234.321	234.309	234.304
FINISHED SURFACE LEVELS	236.027	236.027	236.087	236.087	236.087	236.087	236.087
EXISTING SURFACE LEVEL	234.820	235.009	235.169	235.476	235.743	236.594	237.144
CHAINAGE (Reach Length)	113.165	124.267	137.031	161.297	181.954	262.651	271.151
	(11.101)	(12.765)	(24.266)	(20.657)	(80.697)	(8.500)	

	65	66	67	86	68	87	71	72	73	88
DESIGN FLOW (m3/s)	0.031	0.024	0.015	0.017	0.143	0.138	0.132	0.138	0.132	0.132
CAPACITY (m3/s)	0.071	0.071	0.094	0.154	0.225	0.165	0.165	0.165	0.165	0.165
AT GRADE VELOCITY (m/s)	1	1	1.33	2.18	1.42	1.04	1.04	1.04	1.04	1.04
PIPE SIZE (mm)	3000	3000	3000	3000	4500	4500	4500	4500	4500	4500
GRADE DATUM	227.0	227.0	227.0	228.0	227.0	227.0	227.0	227.0	227.0	227.0
DEPTH TO INVERT	1.908	1.805	2.007	1.951	1.835	1.764	1.684	1.634	1.634	1.667
HYDRAULIC GRADE LINE	233.588	234.096	234.110	234.331	234.075	234.622	234.649	234.680	234.700	234.815
INVERT LEVEL	233.588	234.096	234.110	234.331	234.075	234.622	234.649	234.680	234.700	234.815
FINISHED SURFACE LEVELS	235.373	235.650	235.650	235.692	235.910	235.906	235.906	235.906	235.906	235.906
EXISTING SURFACE LEVEL	234.300	234.396	234.396	234.308	234.480	234.589	234.589	234.589	234.589	234.877
CHAINAGE (Reach Length)	-21.917	-7.897	0.603	8.425	-19.290	-8.571	0.050	19.660	19.660	19.660
	(14.020)	(8.500)	(51.843)	(8.425)	(10.719)	(8.621)	(19.630)			



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

**marantali**

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

**Matilda**

DRAWING TITLE  
**MATILDA - STAGE 1B  
DRAINAGE LONGITUDINAL SECTIONS - 5**

STATUS  
**AS CONSTRUCTED**

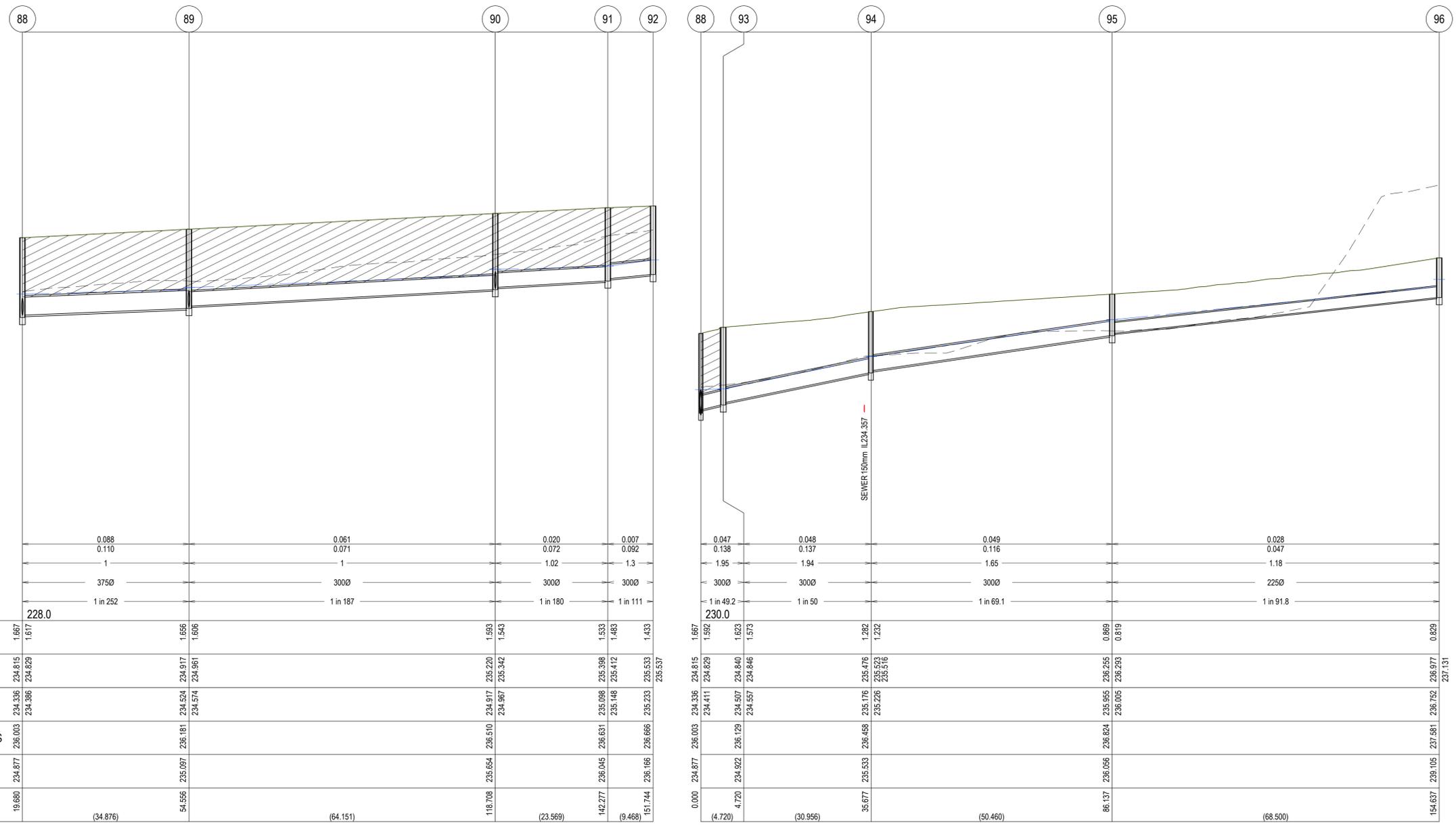
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R604</b>	<b>AC</b>

E:\2025\180018\180018\_1B\_R604\_DRAINAGE LONG SECTIONS.DWG

**LEGEND**

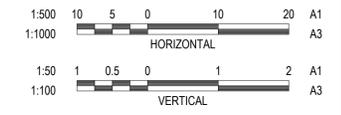
- EXISTING SURFACE
- DESIGN SURFACE
- DESIGN SURFACE (FUTURE)
- DRAINAGE PIPE/PIT
- EXISTING DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE
- INDICATIVE ELECTRICITY
- INDICATIVE GAS
- INDICATIVE OPTIC
- INDICATIVE RECYCLE WATER
- INDICATIVE WATER
- ▨ CRUSHED ROCK BACKFILL

NOTE: ALL DRAINAGE PIPES ARE CLASS 2 RCP TYPE UNLESS OTHERWISE SHOWN



	88	89	90	91	92
DESIGN FLOW (m3/s)	0.088		0.061	0.020	0.007
CAPACITY (m3/s)	0.110		0.071	0.072	0.092
AT GRADE VELOCITY (m/s)	1		1	1.02	1.3
PIPE SIZE (mm)	3750		3000	3000	3000
GRADE DATUM	228.0		1 in 187		
DEPTH TO INVERT	1.667	1.656	1.593	1.533	1.433
HYDRAULIC GRADE LINE	234.336	234.917	235.220	235.398	235.533
INVERT LEVEL	234.336	234.917	234.917	235.148	235.233
FINISHED SURFACE LEVELS	236.003	236.181	236.510	236.631	236.666
EXISTING SURFACE LEVEL	234.877	235.097	235.654	236.045	236.166
CHAINAGE (Reach Length)	19.660	54.556	118.708	142.277	151.744

	88	93	94	95	96
DESIGN FLOW (m3/s)	0.047	0.048		0.049	0.028
CAPACITY (m3/s)	0.138	0.137		0.116	0.047
AT GRADE VELOCITY (m/s)	1.95	1.94		1.65	1.18
PIPE SIZE (mm)	3000	3000		3000	2250
GRADE DATUM	230.0		1 in 69.1		
DEPTH TO INVERT	1.667	1.592	1.282	0.869	0.829
HYDRAULIC GRADE LINE	234.411	234.829	235.476	236.255	236.977
INVERT LEVEL	234.411	234.507	235.176	235.955	236.752
FINISHED SURFACE LEVELS	236.003	236.129	236.458	236.824	237.591
EXISTING SURFACE LEVEL	234.877	234.922	235.533	236.056	236.105
CHAINAGE (Reach Length)	4.720	30.956	55.677	86.137	154.637



E:\2025\180018.1B\180018.1B\_R605\_DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

CLIENT

creo CONSULTANTS

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

PROJECT

DRAWING TITLE

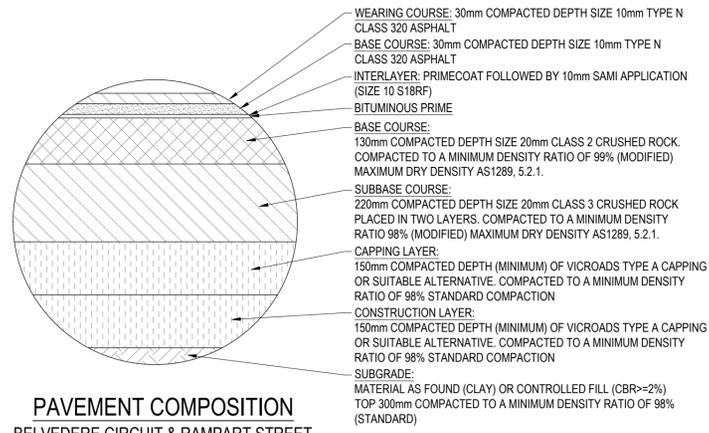
**MATILDA - STAGE 1B  
DRAINAGE LONGITUDINAL SECTIONS - 6**

STATUS

**AS CONSTRUCTED**

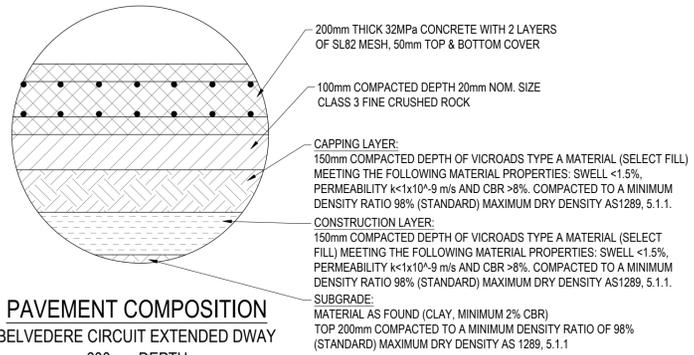
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R605</b>	<b>AC</b>





**PAVEMENT COMPOSITION**  
 BELVEDERE CIRCUIT & RAMPART STREET  
 ACCESS STREET LEVEL 1 720mm DEPTH

CLAY SUBGRADE CBR = 2%

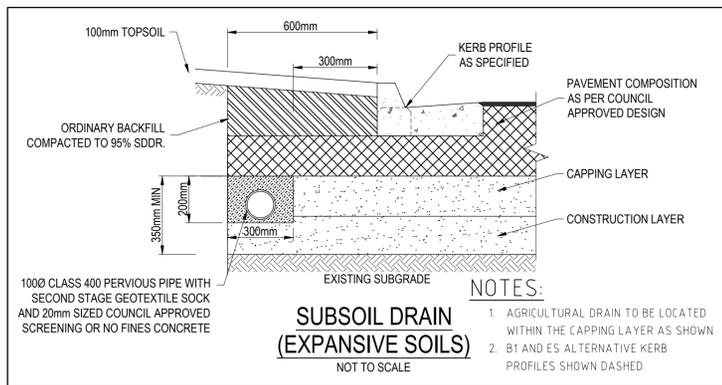
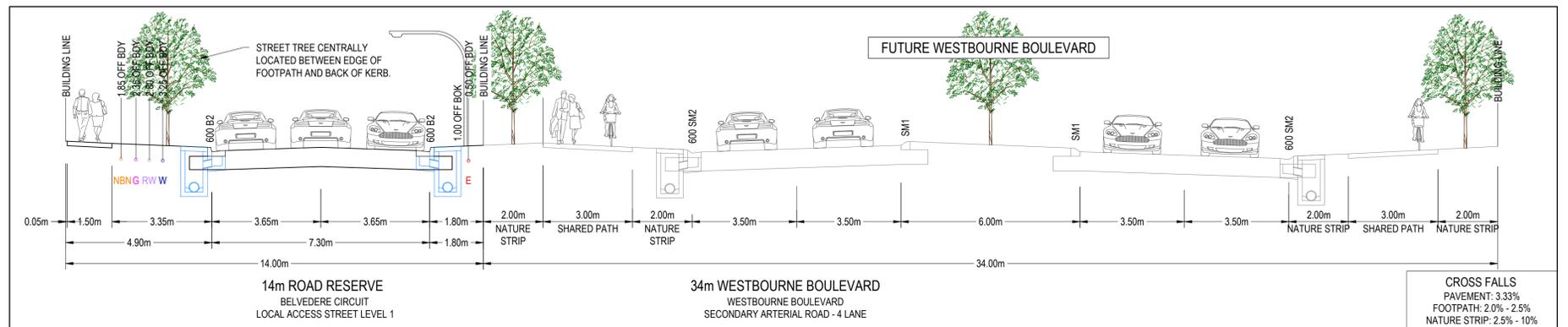
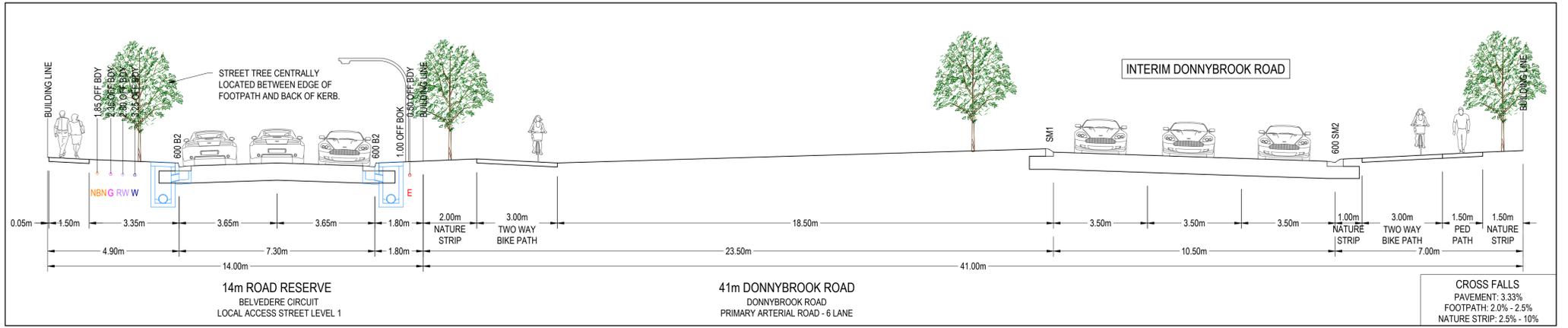
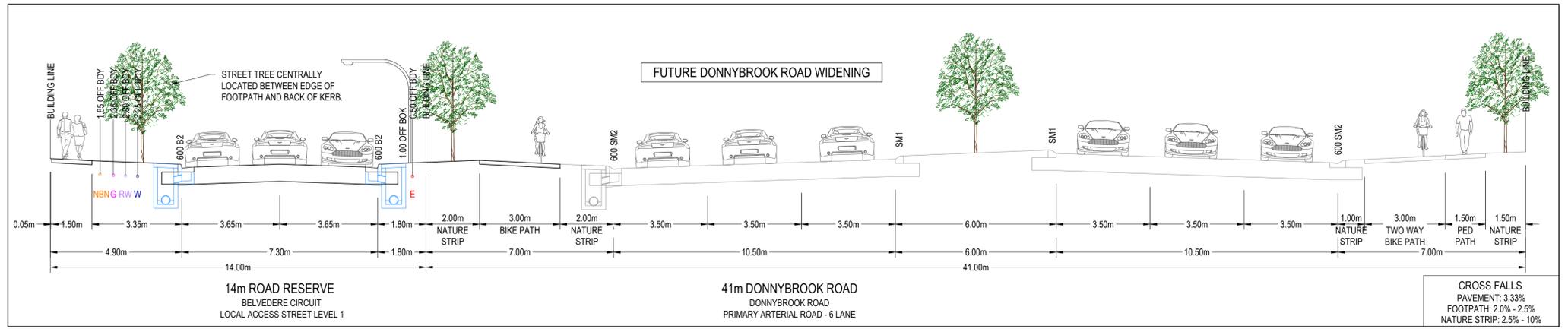


**PAVEMENT COMPOSITION**  
 BELVEDERE CIRCUIT EXTENDED DWAY  
 600mm DEPTH

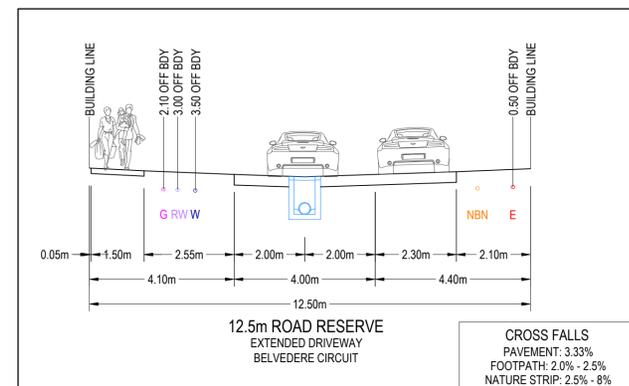
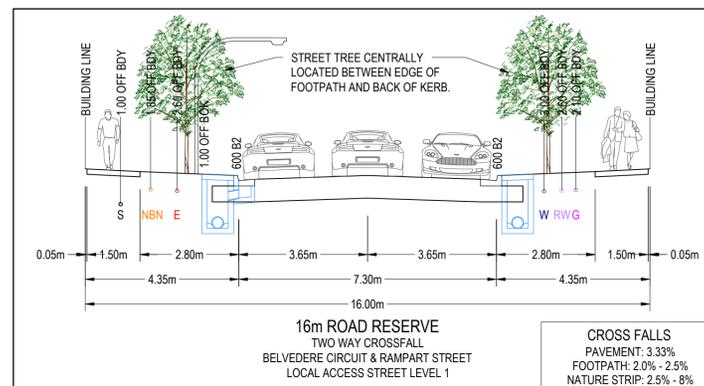
CLAY SUBGRADE CBR = 2%

**PAVEMENT DESIGNS**  
 ALL PAVEMENT DESIGNS HAVE BEEN PROVIDED BY GROUND SCIENCE PTY LTD. CREO IS NOT RESPONSIBLE FOR GEOTECHNICAL OR PAVEMENT RELATED DESIGNS AND IS NOT RESPONSIBLE FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THESE DESIGNS. THE PAVEMENT COMPOSITIONS SHOWN ON THIS DRAWING HAVE BEEN REPRODUCED FROM THE PAVEMENT REPORT FOR THIS DEVELOPMENT STAGE. THIS DOCUMENT SHOULD BE REVIEWED BY THE CONTRACTOR TO ENSURE DESIGN HAS BEEN INTERPRETED CORRECTLY. A COPY OF THIS DOCUMENT WILL BE MADE AVAILABLE UPON REQUEST.

**WARNING**  
 SODIC AND DISPERSIVE SOILS ARE PRESENT ON THIS SITE. ALL CONSTRUCTION METHODOLOGY MUST BE IN ACCORDANCE WITH THE DOUGLAS PARTNERS "SODIC AND DISPERSIVE SOIL INVESTIGATION AND SITE MANAGEMENT PLAN" AND APPROVED SITE ENVIRONMENTAL MANAGEMENT PLAN.



**SUBSOIL DRAIN**  
 (EXPANSIVE SOILS)



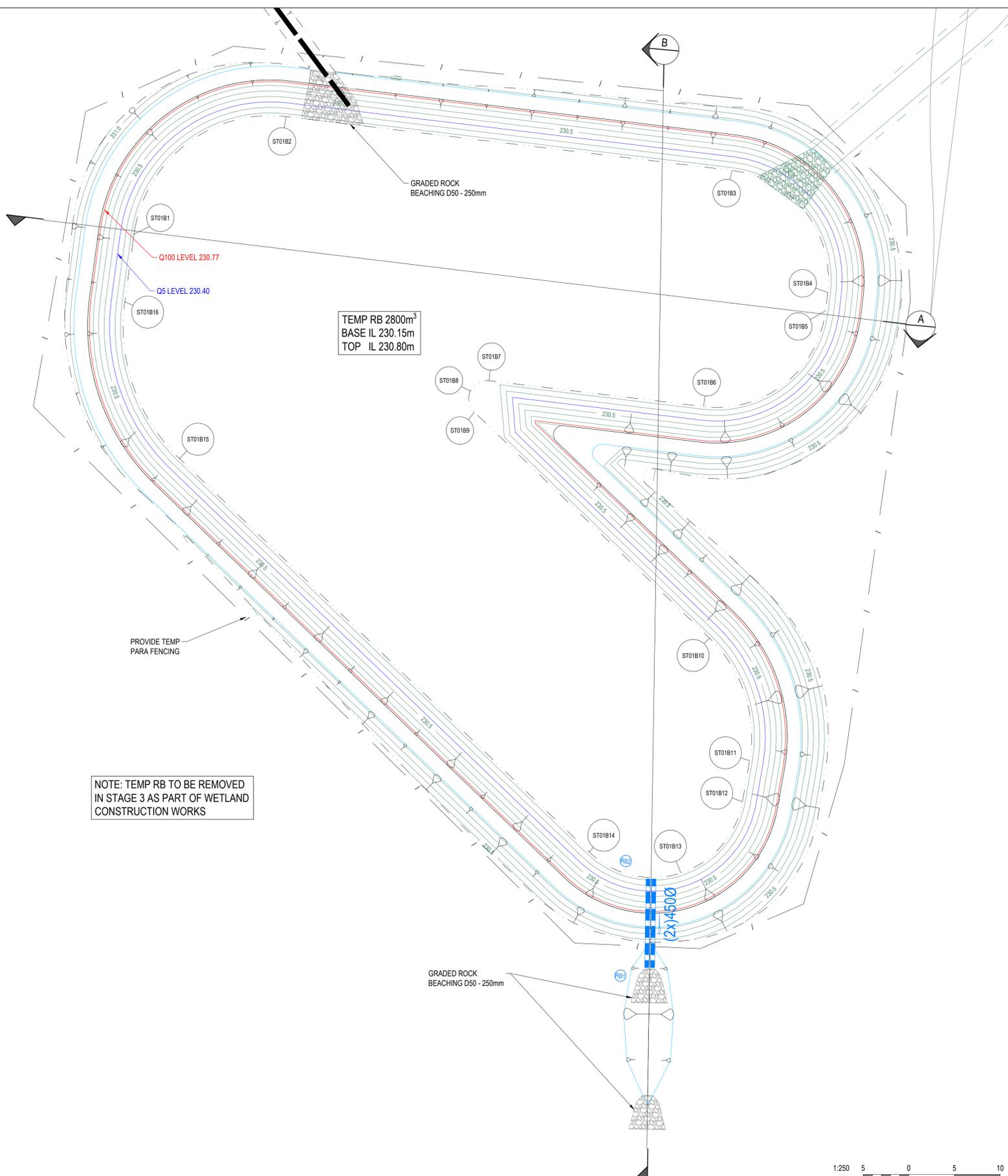
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS



**DRAWING TITLE**  
 MATILDA - STAGE 1B  
 TYPICAL DETAILS

**STATUS**  
 AS CONSTRUCTED

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
180018.1B	R700	AC



**LEGEND**

- EXISTING SURFACE
- DESIGN LINE
- TOP OF BATTER
- TOE OF BATTER
- 230.5
- CONTOUR LINE
- TEMP FENCING

**SECTION A**

Q100 LEVEL: 230.77  
Q5 LEVEL: 230.40

VERTICAL GEOMETRY	0.53%	16.67%	-2%	-16.67%	0%	16.67%	16.67%	0.72%
HORIZONTAL GEOMETRY								
DATUM RL228								
DESIGN CENTRELINE	230.351	230.351	230.373	230.373	230.150	230.152	230.800	231.091
EXISTING SURFACE	230.351	230.373	230.386	230.800	230.150	231.012	231.057	231.067
CHAINAGE	0.000	2.883	5.125	6.625	10.525	86.879	90.852	95.497

**SECTION B**

TEMP RB OUTFALL TO DISCHARGE TO EXISTING SURFACE

Q100 LEVEL: 230.77  
Q5 LEVEL: 230.40

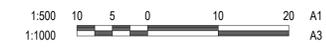
VERTICAL GEOMETRY	-0.01%	1.21%	18.6%	16.56%	-1.9%	-16.65%	-0%	12.21%	1.47%	-12.21%	0.21%	16.58%	-1.99%	-16.58%	0%	16.58%	1.96%	-16.58%	1.52%	
HORIZONTAL GEOMETRY																				
DATUM RL227																				
DESIGN CENTRELINE	229.837	229.837	230.019	230.019	230.019	230.019	230.151	230.150	230.150	230.800	230.800	230.800	230.800	230.800	230.150	230.150	230.603	230.603	230.643	230.730
EXISTING SURFACE	229.837	229.837	230.669	230.550	230.550	230.442	230.448	230.488	230.488	230.488	230.488	230.488	230.488	230.488	230.511	230.511	230.603	230.603	230.643	230.730
CHAINAGE	0.000	4.675	19.649	22.585	24.249	25.749	29.649	61.484	66.807	68.854	71.626	74.272	76.291	77.789	81.710	100.000	107.851	111.373	113.281	114.407

**ALIGNMENT ST01B**

PT NO	EASTING	NORTHING	RL
ST01B1	323958.712	5842043.338	230.15
ST01B2	323975.368	5842056.206	230.15
ST01B3	324024.188	5842050.329	230.15
ST01B4	324034.668	5842036.981	230.15
ST01B5	324034.429	5842034.996	230.15
ST01B6	324021.081	5842024.516	230.15
ST01B7	323997.591	5842027.343	230.15
ST01B8	323995.544	5842026.213	230.15
ST01B9	323995.968	5842023.914	230.15
ST01B10	324021.717	5841999.238	230.15
ST01B11	324026.114	5841985.826	230.15
ST01B12	324025.329	5841981.334	230.15
ST01B13	324018.594	5841973.553	230.15
ST01B14	324008.559	5841975.835	230.15
ST01B15	323963.688	5842018.837	230.15
ST01B16	323957.709	5842035.976	230.15

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
ST01B1 - ST01B2	89.107	15	23.328	4.311	3.192	5.686	4.837	5.832	230.15
ST01B3 - ST01B4	90	12	18.85	3.515	2.601	4.592	3.893	4.712	230.15
ST01B5 - ST01B6	90	12	18.85	3.515	2.601	4.592	3.893	4.712	230.15
ST01B7 - ST01B8	71.541	2.000	2.497	0.377	0.281	0.614	0.555	0.624	230.150
ST01B8 - ST01B9	71.541	2.000	2.497	0.377	0.281	0.614	0.555	0.624	230.150
ST01B10 - ST01B11	56.132	15.000	14.695	1.764	1.316	3.637	3.420	3.674	230.150
ST01B12 - ST01B13	61.934	10.000	10.809	1.425	1.062	2.670	2.476	2.702	230.150
ST01B13 - ST01B14	61.934	10.000	10.809	1.425	1.062	2.670	2.476	2.702	230.150
ST01B15 - ST01B16	53.975	20.000	18.841	2.178	1.626	4.667	4.409	4.710	230.150



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS



**MATILDA - STAGE 1B**  
**TEMPORARY RETARDING BASIN DETAILS**

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R701</b>	<b>AC</b>



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

**LINEMARKING & SIGNAGE NOTES:**

- ALL LINE MARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742.1 AND AS 1742.2, UNLESS SPECIFICALLY SHOWN OTHERWISE.
- LINEMARKING IS TO BE INSTALLED USING EXTRUDED LONG LIFE THERMOPLASTIC PAINT. TEMPORARY LINEMARKING USING ORDINARY PAINT IS TO BE APPLIED WHEN WEARING COURSE ASPHALT IS NOT APPLIED FOR A PERIOD OF TIME E.G. AT PRACTICAL COMPLETION.
- ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.
- LINEMARKING SET OUT SHALL BE INSPECTED AND APPROVED BY COUNCIL BEFORE FINAL LINEMARKING IS CARRIED OUT

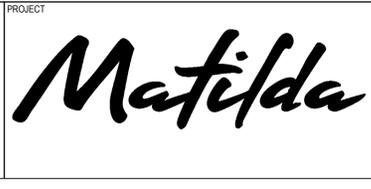


**SIGN SCHEDULE**

SIGN	REF
	1
GIVE WAY R1-2	2
ROAD CLOSED T2-4-A D4-5	3
ONLY R8-1	4
 R8-2B	5
 ONLY	6



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18/07/2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS



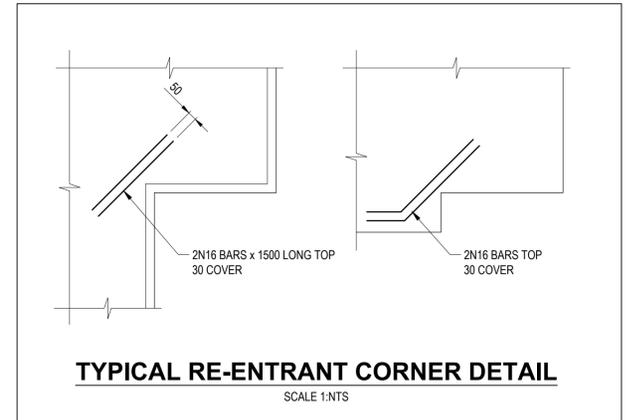
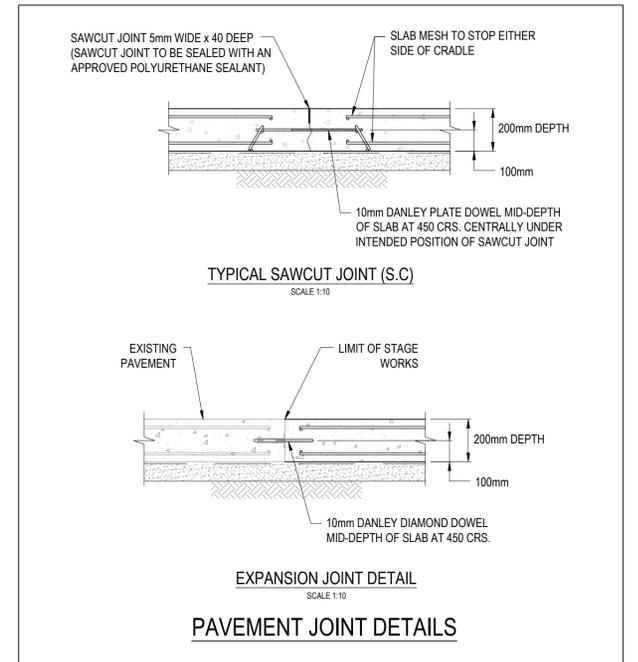
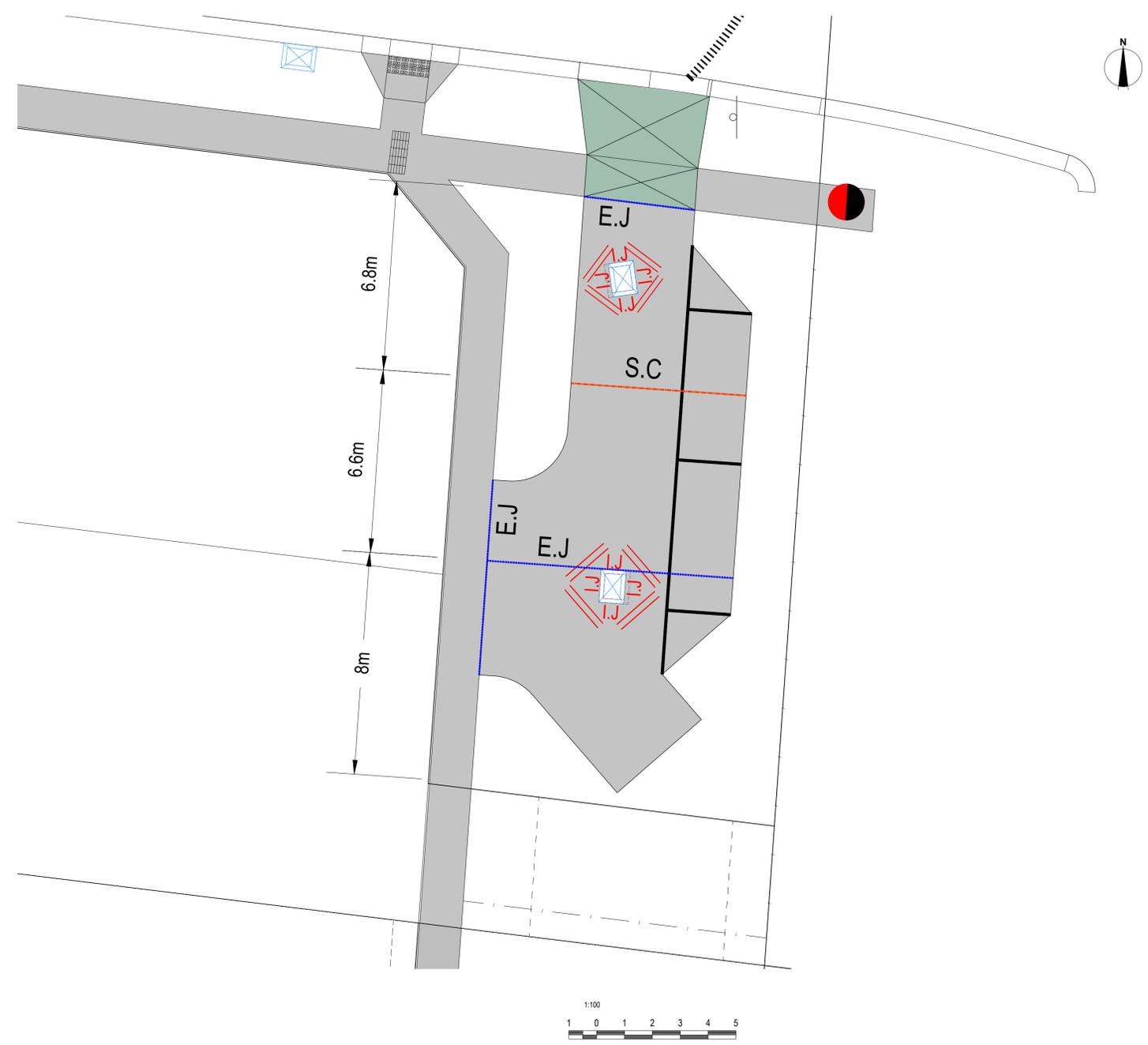
**DRAWING TITLE**  
**MATILDA - STAGE 1B**  
**SIGNAGE & LINEMARKING**

**STATUS**  
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R800</b>	<b>AC</b>

LEGEND - CONCRETE JOINTING PLAN	
	STORMWATER DRAIN, PIT & PROPERTY INLET
	EXISTING STORMWATER DRAIN
	SEWER & MAINTENANCE STRUCTURES
	EXISTING SEWER
	HOUSE DRAIN
	TACTILE PAVERS
	PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY

CONCRETE JOINT LEGEND	
	I.J. ISOLATION JOINT
	S.C. SAWCUT JOINT
	E.J. EXPANSION CONTROL JOINT (12m Max)
FOR JOINT DETAILS REFER STD DWG EDM 401 & 402	



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	18.07.2025	AS CONSTRUCTED	D.COOPER	D.COOPER	T.PALIOS
2	13/09/2024	DRAIN 32-31 LIFTED, ADDED BOLLARD & GWR CONDUITS	D.COOPER	T.PALIOS	T.PALIOS
1	26/07/2024	LANDSCAPE COMMENTS & LOTS 110-113 REAR LIFTED	D.COOPER	T.PALIOS	T.PALIOS
0	15/07/2024	ISSUED FOR CONSTRUCTION	D.COOPER	A.WALE	T.PALIOS

CLIENT

PROJECT

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

DRAWING TITLE

**MATILDA - STAGE 1B  
CONCRETE JOINTING PLAN**

STATUS

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	D.C.	D.C.
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
D.C.	T.P.	24/10/2022
PROJECT No.	DRAWING No.	REVISION
<b>180018.1B</b>	<b>R900</b>	<b>AC</b>