

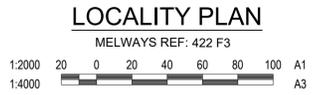
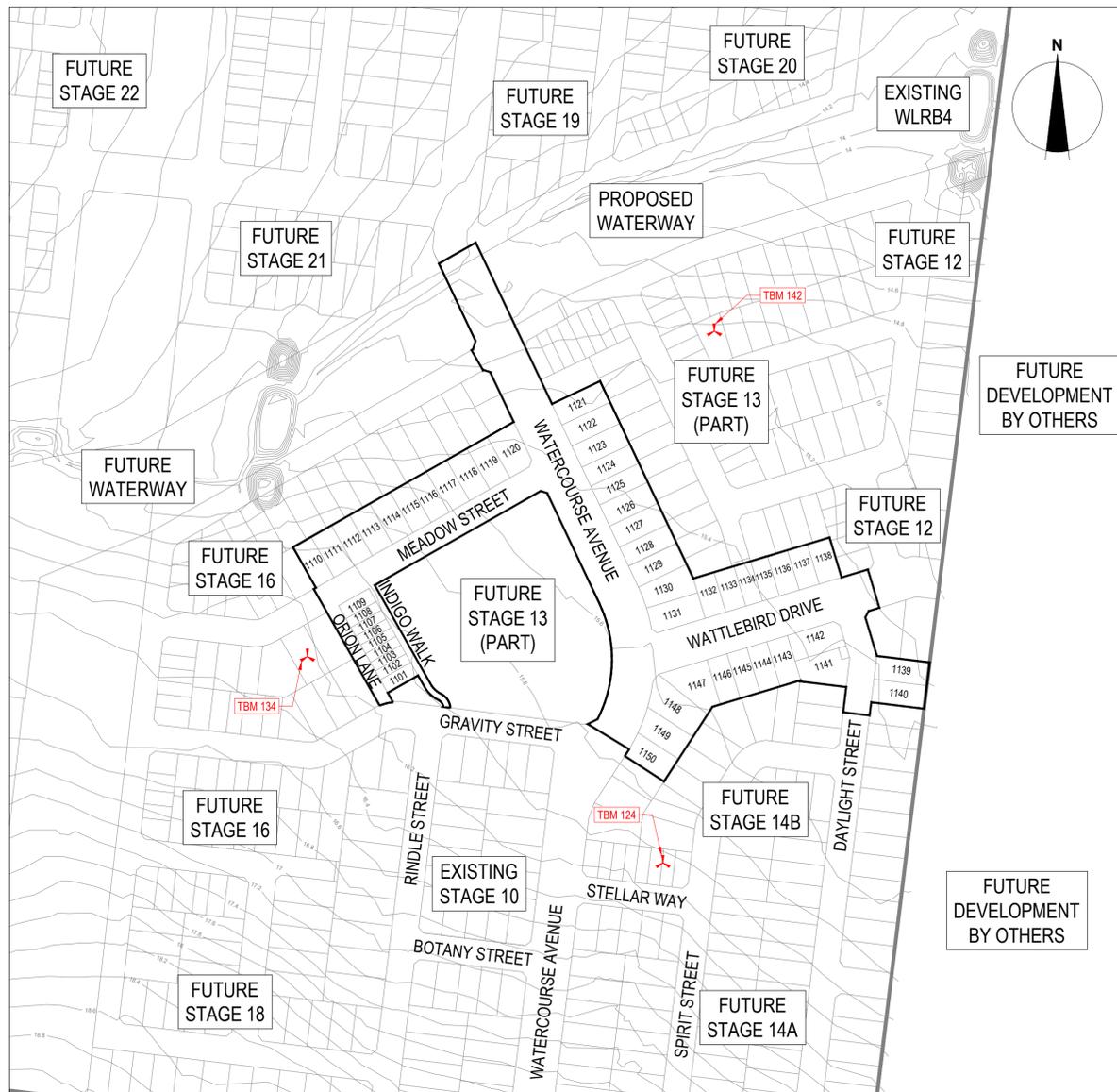
# CORIDALE ESTATE

## STAGE 11

### CITY OF GREATER GEELONG

**GENERAL NOTES:**

- THE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS AND GREATER GEELONG CITY COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS. WORKS TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SUPERVISING OFFICER.
- THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF WORK ON SITE IN ACCORDANCE WITH APPROPRIATE LEGISLATION. THEY SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS.
- THE CONTRACTOR SHALL:
  - COMPLY WITH THE 'SAFETY PRECAUTIONS IN TRENCHING OPERATIONS' (CODE OF PRACTICE No.8, 1998)
  - NOTIFY WORK SAFE OF HIS INTENTION TO COMMENCE TRENCHING OPERATIONS WHERE TRENCHES ARE 1.5 METRES OR DEEPER.
  - ENSURE THAT THE MINE MANAGER OR HIS DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE WHEN TRENCHING OPERATIONS ARE IN PROGRESS.
- THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL RELEVANT SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- REDGUM TREES MARKED ON THE APPROVED PLANS FOR REMOVAL MUST BE REMOVED IN ACCORDANCE WITH COUNCIL'S PLANNING PERMIT. NO EXCAVATION SHALL BE CARRIED OUT WITHIN THE TREE PROTECTION ZONE OF ANY EXISTING TREE WITHOUT WRITTEN APPROVAL FROM COUNCIL'S ENVIRONMENT DEPARTMENT.
- ALL ROAD CHAINAGES ARE MEASURED ALONG THE ROAD CENTRELINE EXCEPT KERB RETURNS AND COURTHEADS, WHERE LIP OF KERB CHAINAGES ARE SPECIFIED. ALL DIMENSIONS AND RADII ARE GIVEN TO THE LIP OF KERB. DO NOT SCALE OFF THESE DRAWINGS, WRITTEN DIMENSIONS ONLY SHALL BE USED.
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
- ALL EXCAVATED OR FILLED AREAS OUTSIDE THE ROAD RESERVES TO BE STRIPPED OF TOPSOIL AND STOCKPILED PRIOR TO EARTHWORKS COMMENCING. THESE AREAS SHALL BE RESURFACED WITH A 150mm LAYER OF TOPSOIL AS SPECIFIED.
- NO TOPSOIL TO BE REMOVED FROM SITE.
- NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE UNLESS DIRECTED BY THE SUPERINTENDENT.
- FILLING ON ALLOTMENTS AND UNDER ROAD PAVEMENTS TO HAVE LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-1996. INDIVIDUAL LOT CERTIFICATES ARE TO BE PROVIDED TO THE SUPERINTENDENT.
- FILLING UNDER DRIVEWAYS AND FOOTPATH IS TO BE APPROVED BY THE SUPERINTENDENT AND CONSTRUCTED IN LAYERS 150mm DEPTH. COMPACTION ACHIEVING A MINIMUM DENSITY RATIO OF 98% (STANDARD) IN ACCORDANCE WITH AS1289 CLAUSE 5.1.1.
- CUT AND FILL BATTER SLOPES ARE NOT TO EXCEED 1 in 6 UNLESS SHOWN OTHERWISE.
- ALL DRAINAGE PIPES ARE TO BE SPIGOT-SOCKET RUBBER RING JOINTED UNLESS STATED OTHERWISE.
- ALL DRAINAGE TRENCHES UNDER PARKING BAYS, DRIVEWAYS, FOOTPATHS AND BEHIND KERB & CHANNEL, SHALL BE BACKFILLED WITH CRUSHED ROCK AS SPECIFIED.
- ALL PIPES UNDER ROADS SHALL BE BACKFILLED WITH 2% STABILIZED SAND TO SPRINGLINE. ABOVE THIS POINT, PROVIDE 20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (WET/MX) COMPACTED TO 98% MODIFIED COMPACTION IN 150mm MAXIMUM LAYER.
- PROPERTY INLETS AS PER INFRASTRUCTURE DESIGN MANUAL (IDM) STANDARD DRAWING SD 520 ARE TO BE LOCATED 1.0m FROM LOW SIDE BOUNDARY UNLESS SHOWN OTHERWISE.
- ALL HOUSE DRAIN CONNECTIONS ARE TO BE LOCATED NO CLOSER THAN 6.0m FROM THE SIDE BOUNDARY OR FROM EASEMENT ALONG THE SIDE BOUNDARY UNLESS NOTED OTHERWISE AND CONNECTED DIRECTLY TO UNDERGROUND DRAIN OR PIT. HOUSE DRAIN LOCATION TO BE MARKED (50mm STAMPED IMPRESSION) ON THE TOP OF THE KERB.
- SUBSOIL DRAINS SHALL BE INSTALLED BEHIND OR BELOW ALL KERB AND CHANNEL.
- CONDUIT LOCATIONS ARE SUBJECT TO AMENDMENT AND CONDUITS SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT. CONDUITS TO BE EXTENDED TO PROPERTY LINE AND ARE REQUIRED WHEN CONNECTIONS EXTEND UNDER ROAD PAVEMENT, FOOTPATH OR OTHER INFRASTRUCTURE. BOTH KERBS ARE TO BE MARKED (50mm STAMPED IMPRESSION) WITH THE LETTERS E (ELECTRICAL), G (GAS), T (TELEPHONE), W (WATER) AND C (COUNCIL COMMUNICATION) ABOVE CONDUIT LOCATION.
- ALL SERVICING TRENCHES UNDER ROADS, DRIVEWAYS, FOOTPATHS ETC. ARE TO BE BACKFILLED & COMPACTED WITH F.C.R. IN THE CASE OF TRENCHES UNDER ROADS WHERE BACKFILLING HAS NOT ACHIEVED THE SPECIFIED COMPACTION OR SHOWS EXCESSIVE MOVEMENT UNDER PROOF ROLLING, THE BACKFILLING SHALL BE REMOVED AND REPLACED WITH 2% STABILISED COMPACTED F.C.R.
- NO COMMUNICATION PITS ARE TO BE LOCATED IN THE FOOTPATH.
- VEHICULAR CROSSINGS TO BE LOCATED CLEAR OF DRAINAGE PITS, SEWER MAINTENANCE HOLES AND EXISTING TREES. VEHICLE CROSSINGS TO BE 1m FROM PROPERTY BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN. VEHICULAR CROSSINGS TO BE CONSTRUCTED AS PER CITY OF GREATER GEELONG 'DESIGN NOTES No.4' DATED AUGUST 2012 & IDM STANDARD DRAWINGS SD205 to SD265.
- ALL PEDESTRIAN CROSSINGS TO BE IN ACCORDANCE WITH INFRASTRUCTURE DESIGN MANUAL SD200.
- ALL STREET SIGNS TO BE IN ACCORDANCE WITH INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS. STREET SIGNS TO BE ATTACHED TO LIGHT POLES USING 'SINGLE DIRECTION COLLAR' OR '90° RIGHT ANGLE COLLAR' UNLESS SHOWN OTHERWISE.
- ALL PAVEMENT MARKINGS AND TRAFFIC SIGNS SHOULD BE TO AS1742.2 AND AS1742.1 STANDARD RESPECTIVELY. TEMPORARY LINEMARKING TO BE PLACED DURING MAINTENANCE PERIOD PRIOR TO PLACEMENT OF WEARING COURSE. FINAL LINEMARKING TO BE LONG LIFE ROAD MARKING WITH LONGITUDINAL LINES IN THERMOPLASTIC AND TRANSVERSE MARKINGS IN COLD APPLIED.
- UPON COMPLETION OF CONSTRUCTION THE WHOLE SITE SHALL BE CLEANED, GRADED, ALL RUBBISH REMOVED AND LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT.
- ALL AREAS OF SUBDIVISION EXPOSED OF VEGETATION, INCLUDING NATURE STRIPS, LOTS AND RESERVES ARE TO BE FULLY GRASSED BY HYDRO MULCHING, WATERED AND MAINTAINED, UNTIL THE END OF MAINTENANCE PERIOD.
- ALL SUMPS IN PRECAST CONCRETE PITS ARE TO BE FILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE OUTLET PIPE, UNLESS APPROVED OTHERWISE BY THE COUNCIL WORKS INSPECTOR.
- CITY OF GREATER GEELONG REQUIRES CCTV OF ALL DRAINAGE PIPES AND PITS, PRIOR TO THE ISSUE OF THE STATEMENT OF COMPLIANCE.
- ALL CONCRETE WORKS ARE TO BE PROVIDED IN ACCORDANCE WITH CITY OF GREATER GEELONG DESIGN NOTE 12 REQUIREMENTS INCLUDING THE CONSTRUCTION OF ALL FOOTPATH WITH A MINIMUM OF 32MPa CONCRETE.



Name	Type	Easting	Northing	RL
TBM 124	STAR PICKET	269171.5623	5789688.1730	15.9300
TBM 134	STAR PICKET	268957.9848	5789811.8802	15.9400
TBM 142	STAR PICKET	269202.4153	5790006.9439	14.9900

Name	Easting	Northing	RL
MORANGHURK PM17	270000.0000	5790220.0000	14.0400
MORANGHURK PM122	269845.0320	5788675.9690	15.9270
MORANGHURK PM128	269998.2110	5790198.2930	13.6170

DRAWING NO.	DRAWING TITLE	REVISION
R100	COVER SHEET	AC
R200	LAYOUT PLAN - 1	AC
R201	LAYOUT PLAN - 2	AC
R202	TYPICAL SECTIONS	AC
R300	INTERSECTION DETAILS - 1	AC
R301	INTERSECTION DETAILS - 2	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
R508	ROAD CROSS SECTIONS - 9	AC
R509	ROAD CROSS SECTIONS - 10	AC
R510	ROAD CROSS SECTIONS - 11	AC
R511	ROAD CROSS SECTIONS - 12	AC
R600	DRAINAGE LONG SECTIONS - 1	AC
R601	DRAINAGE LONG SECTIONS - 2	AC
R602	DRAINAGE LONG SECTIONS - 3	AC
R603	DRAINAGE LONG SECTIONS - 4	AC
R604	DRAINAGE LONG SECTIONS - 5	AC
R605	DRAINAGE LONG SECTIONS - 6	AC
R606	PIT SCHEDULE - 1	AC
R607	PIT SCHEDULE - 2	AC
R700	TYPICAL DETAILS	AC
R800	SIGNAGE & LINEMARKING PLAN	AC
R900	CONCRETE JOINTING & DETAIL PLAN	AC
R901	INDIGO WALK DETAIL PLAN	AC
R902	INDIGO WALK CROSS SECTIONS	AC

*Braden Leach* 23/08/24  
 SIGNED (CONSULTANT) Ryan Lunn  
 Winslow Constructors  
 23/08/24  
*R*  
 SIGNED (CONTRACTOR)

**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)

**NOTE:**  
 THE SITE OF WORKS IS SUBJECT TO THE PROVISIONS OF CULTURAL HERITAGE MANAGEMENT PLAN No.15781.  
 ALL WORKS AND PERSONNEL MUST OBSERVE THE REQUIREMENTS OF THE MANAGEMENT PLAN AT ALL TIMES.

P:\2018\80014\_205-245 CHALLOWAYS RD\_LARA\8014\_11\CIVIL\2\_DRAWING\CADD\FILED\DESIGN\8014\_11-R100-COVER SHEET.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
3	09/04/24	HOUSE DRAINS RELOCATED	I.HOGAN	M.TROUNCE	M.TROUNCE
2	15/12/23	ST19 LIMIT OF WORKS AMENDED	I.HOGAN	M.TROUNCE	M.TROUNCE
1	21/11/23	PIT SCHEDULE AMENDED	I.HOGAN	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE

**villawood**  
 properties  
 Communities Designed for Living

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

**Coridale**  
 LARA

**CORIDALE ESTATE - STAGE 11**  
**COVER SHEET**  
 PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

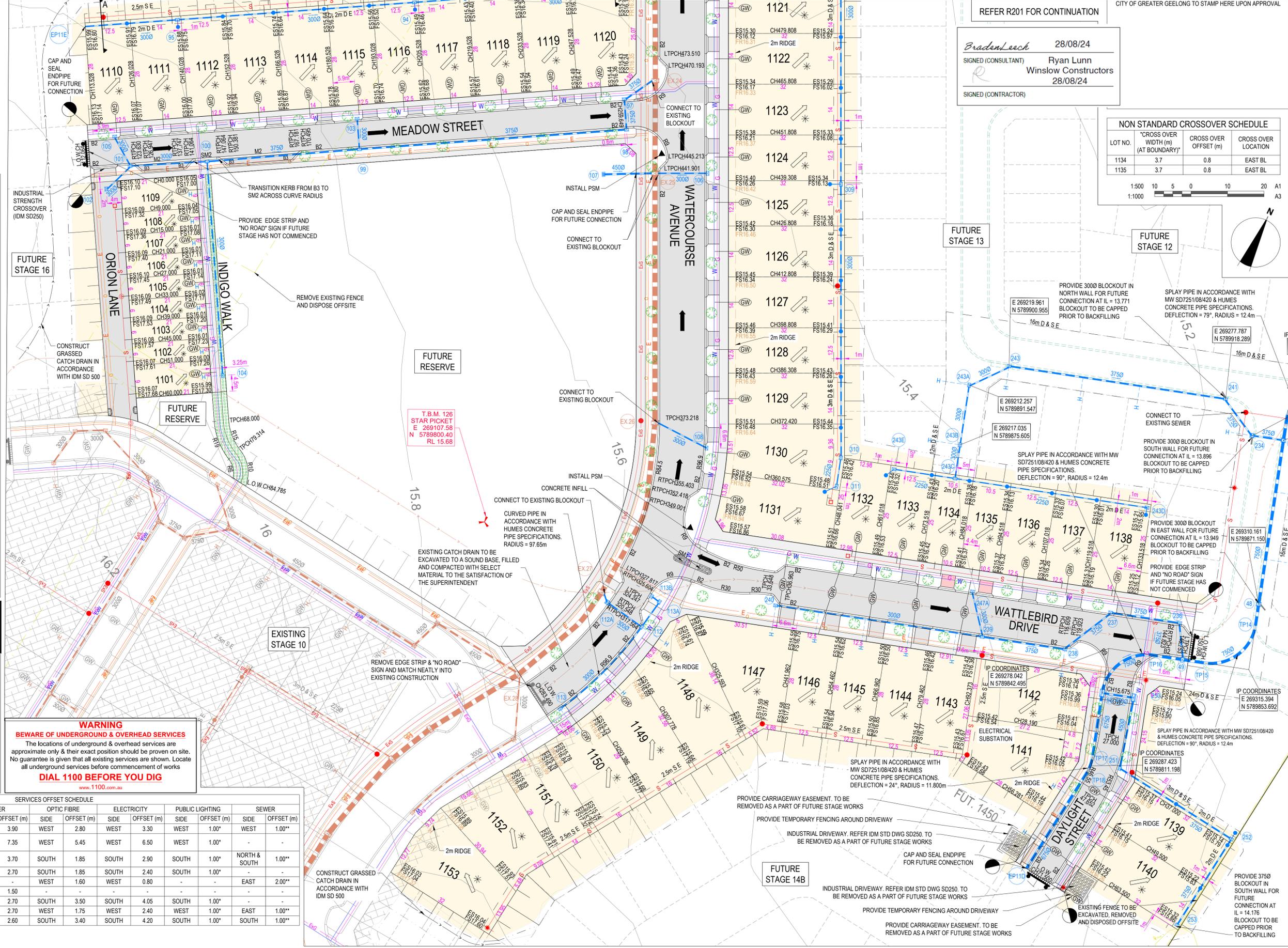
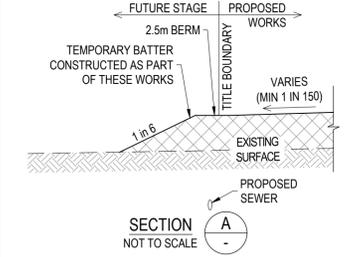
SCALE AT A1	DRAWN	DESIGNED
1:2000 @ A1	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>180014.11</b>	<b>R100</b>	<b>AC</b>

- NOTES:**
- ALL VEHICLE AND PRAM CROSSING LAYBACKS, TO BE MINIMUM OF 1.0m FROM PITS.
  - ALL PRAM CROSSINGS TO BE A MINIMUM 2.0m FROM VEHICLE CROSSINGS.
  - ALL PRAM CROSSINGS TO BE DDA COMPLIANT.
  - VEHICLE EXCLUSION MEASURES BETWEEN ROAD RESERVE AND RESERVE TO FORM PART OF LANDSCAPE WORKS. THE USE OF DIRECTIONAL AND HAZARD TACTILE PAVERS MUST ACCORD WITH SECTION 2.2.3.1 OF AS/NZS 1428.4:2002. SEWER MAINTENANCE HOLE CONVERTER SLAB OR CONE, TO BE ROTATED TO ENSURE COVER POSITION IS CENTRALLY LOCATED WITHIN FOOTPATH.
  - CHAINAGES FOR SETOUT OF PROPERTY INLET POINTS, SERVICING FUTURE LOTS, ARE MEASURED FROM THE DOWNSTREAM PIT.
  - CONTRACTOR TO LOCATE ALL EXISTING ASSETS PRIOR TO COMMENCEMENT OF WORKS. ANY DAMAGE TO EXISTING ASSETS TO BE RECTIFIED AT CONTRACTORS EXPENSE. CONTRACTOR TO VERIFY DEPTH OF EXISTING SERVICES, PRIOR TO COMMENCEMENT OF CONSTRUCTION.

**LEGEND - LAYOUT PLAN**

- STORM WATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- SERVICE CONDUITS
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING SURFACE LEVEL
- FINISHED BUILDING LINE LEVEL
- FINISHED RIDGE LINE LEVEL
- PAVEMENT TREATMENT
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- GRASSCRETE
- 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
- INDICATIVE STREET TREE
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY
- PROPOSED NON STANDARD DRIVEWAY
- 1.8m HIGH CAPPED TIMBER PALING FENCE INCLUDING 190 x 35 H4 TREATED PINE PLINTH
- EXISTING FENCE
- EXISTING CONTOURS
- DESIGN CONTOURS
- BALLUSTRADE FENCING
- STORM WATER PIT SETOUT POINT

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



**WARNING BEWARE OF UNDERGROUND & OVERHEAD SERVICES**  
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ROAD NAME	GAS		WATER		OPTIC FIBRE		ELECTRICITY		PUBLIC LIGHTING		SEWER	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
WATERCOURSE AVENUE	EAST	3.10	EAST	3.90	WEST	2.80	WEST	3.30	WEST	1.00*	WEST	1.00**
WATERCOURSE AVENUE (CULVERT CROSSING)	EAST	5.30	EAST	7.35	WEST	5.45	WEST	6.50	WEST	1.00*	WEST	1.00**
WATTLEBIRD DRIVE	NORTH	3.10	NORTH	3.70	SOUTH	1.85	SOUTH	2.90	SOUTH	1.00*	NORTH & SOUTH	1.00**
MEADOW STREET	NORTH	2.10	NORTH	2.70	SOUTH	1.85	SOUTH	2.40	SOUTH	1.00*	SOUTH	2.00**
ORION LANE	WEST	1.00	WEST	1.50	WEST	1.60	WEST	0.80	WEST	1.00*	EAST	2.00**
INDIGO WALK	WEST	1.00	WEST	1.50	WEST	1.60	WEST	0.80	WEST	1.00*	EAST	2.00**
FUTURE FRESHWATER CIRCUIT	SOUTH	2.10	SOUTH	2.70	SOUTH	3.50	SOUTH	4.05	SOUTH	1.00*	SOUTH	2.00**
DAYLIGHT STREET	EAST	2.10	EAST	2.70	WEST	1.75	WEST	2.40	WEST	1.00*	EAST	1.00**
FUTURE DRIFTWOOD PLACE	SOUTH	2.10	SOUTH	2.60	SOUTH	3.40	SOUTH	4.20	SOUTH	1.00*	SOUTH	1.00**

1. \* DENOTES OFFSET FROM BACK OF KERB.  
 2. \*\* DENOTES SEWER WHERE APPLICABLE

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.RHODE	M.TROUNCE



**CORIDALE ESTATE - STAGE 11 LAYOUT PLAN - 1**  
 PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
1:500 @ A1	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
180014.11	R200	AC

REFER R201 FOR CONTINUATION  
 Signed (CONSULTANT) Braden Leech 28/08/24  
 Signed (CONTRACTOR) Ryan Lunn Winslow Constructors 28/08/24

**NON STANDARD CROSSOVER SCHEDULE**

LOT NO.	CROSS OVER WIDTH (m) (AT BOUNDARY)*	CROSS OVER OFFSET (m)	CROSS OVER LOCATION
1134	3.7	0.8	EAST BL
1135	3.7	0.8	EAST BL

Scale: 1:500, 1:1000

**LEGEND - LAYOUT PLAN**

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- SERVICE CONDUITS
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
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- STRUCTURAL FILL > 200mm DEEP
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- DIRECTION OF FALL
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- 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
- INDICATIVE STREET TREE
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- PROPOSED DRIVEWAY
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- 1.8m HIGH CAPPED TIMBER PALING FENCE INCLUDING 190 x 35 H4 TREATED PINE PLINTH
- EXISTING FENCE
- EXISTING CONTOURS
- DESIGN CONTOURS
- BALLUSTRADE FENCING
- STORM WATER PIT SETOUT POINT
- EXISTING STAGE 10 TRUNK SEWER

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

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**SERVICES OFFSET SCHEDULE**

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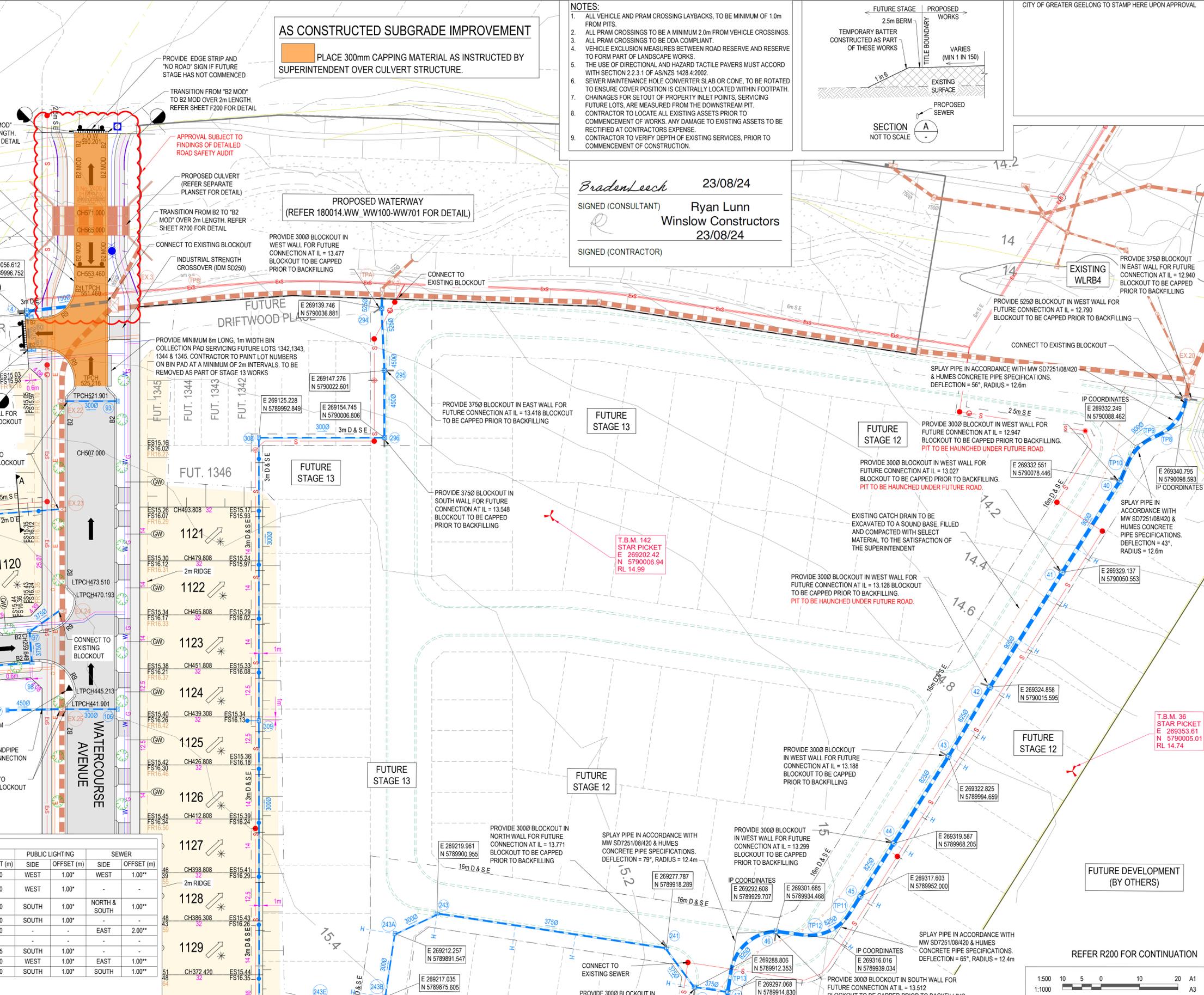
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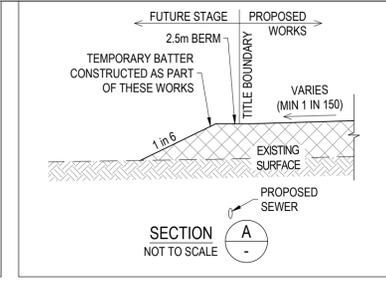
**CLIENT**

**villawood properties**  
 Communities Designed for Living

**creo CONSULTANTS**  
 Suite 1, 2 Bloombsury Street  
 Geelong, VIC, Australia 3220

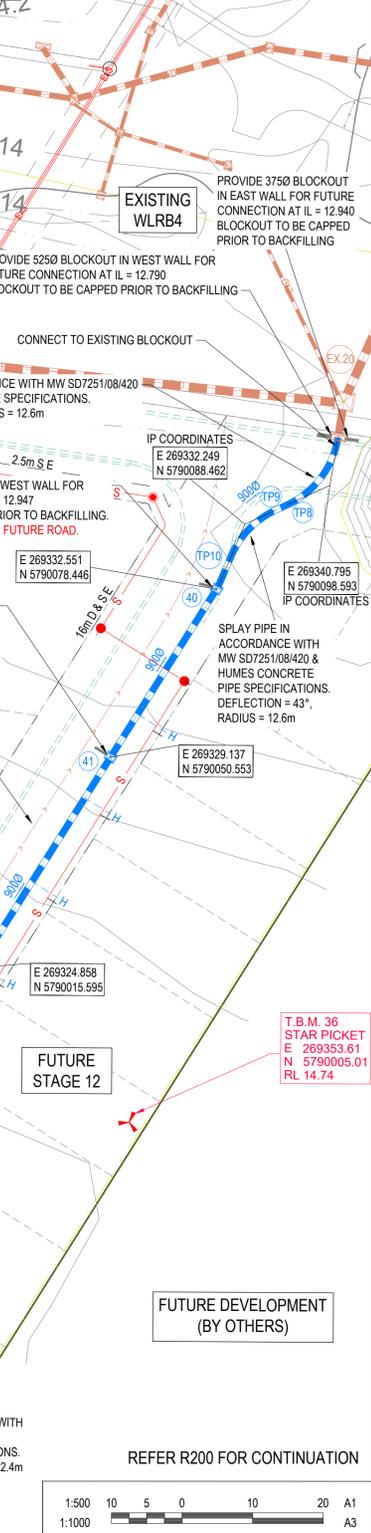


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  - ALL PRAM CROSSINGS TO BE DDA COMPLIANT.
  - VEHICLE EXCLUSION MEASURES BETWEEN ROAD RESERVE AND RESERVE TO FORM PART OF LANDSCAPE WORKS.
  - THE USE OF DIRECTIONAL AND HAZARD TACTILE PAVERS MUST ACCORD WITH SECTION 2.2.3.1 OF AS/NZS 1428.4:2002.
  - SEWER MAINTENANCE HOLE CONVERTER SLAB OR CONE, TO BE ROTATED TO ENSURE COVER POSITION IS CENTRALLY LOCATED WITHIN FOOTPATH. CHAINAGES FOR SETOUT OF PROPERTY INLET POINTS, SERVICING FUTURE LOTS, ARE MEASURED FROM THE DOWNSTREAM PIT. CONTRACTOR TO LOCATE ALL EXISTING ASSETS PRIOR TO COMMENCEMENT OF WORKS. ANY DAMAGE TO EXISTING ASSETS TO BE RECTIFIED AT CONTRACTORS EXPENSE.
  - CONTRACTOR TO VERIFY DEPTH OF EXISTING SERVICES, PRIOR TO COMMENCEMENT OF CONSTRUCTION.



CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

*Brad Leech* 23/08/24  
 SIGNED (CONSULTANT)  
 Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)



**PROJECT**

**Coridale**  
 LARA

**PROJECT TITLE**  
 CORIDALE ESTATE - STAGE 11  
 LAYOUT PLAN - 2

**PLANNING PERMIT No:** PP-496-2018

**STATUS**  
 AS CONSTRUCTED

**SCALE AT A1**  
 1:500 @ A1

**DRAWN**  
 I.HOGAN

**DESIGNED**  
 I.HOGAN

**PROJECT ENGINEER**  
 M.TROUNCE

**PROJECT MANAGER**  
 M.TROUNCE

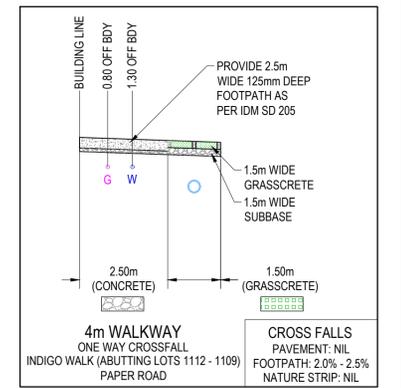
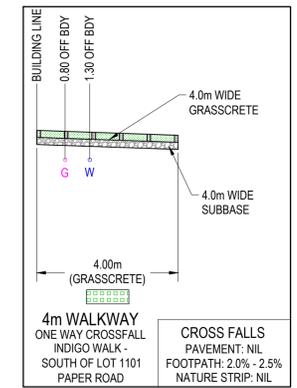
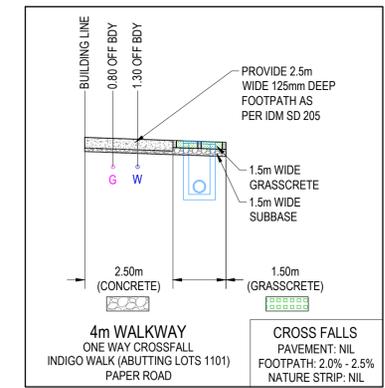
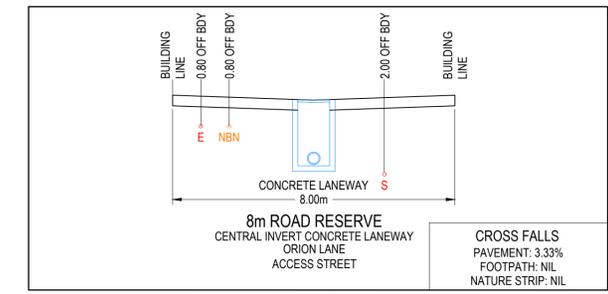
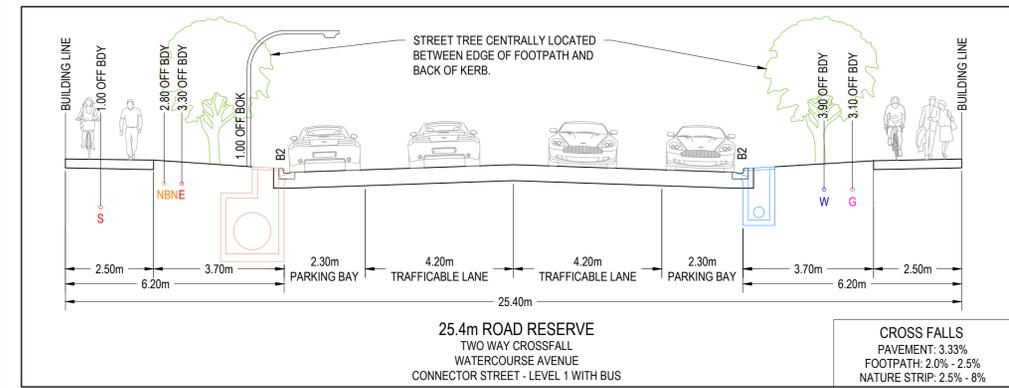
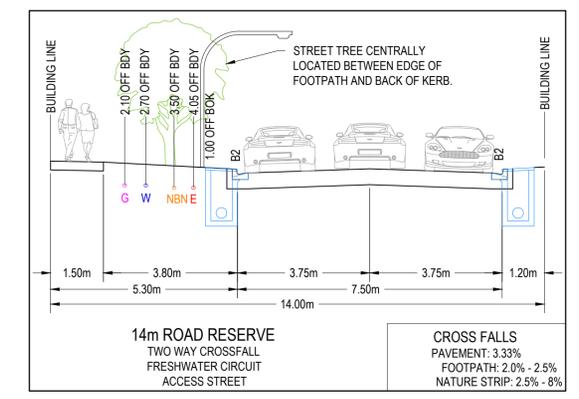
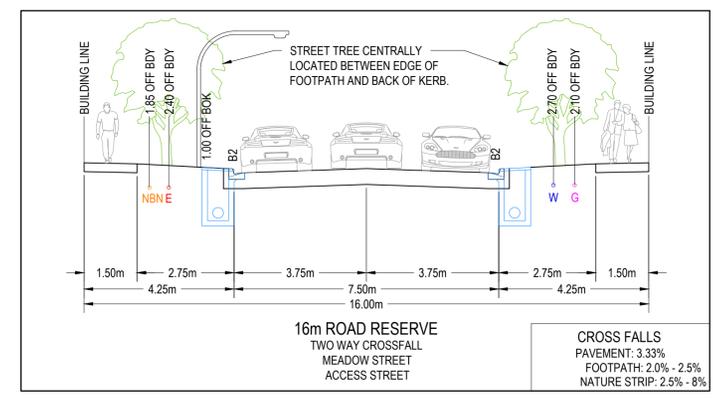
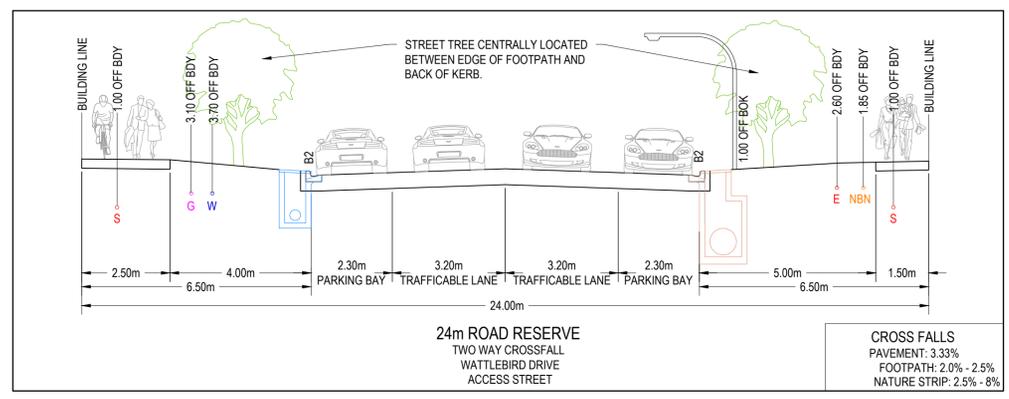
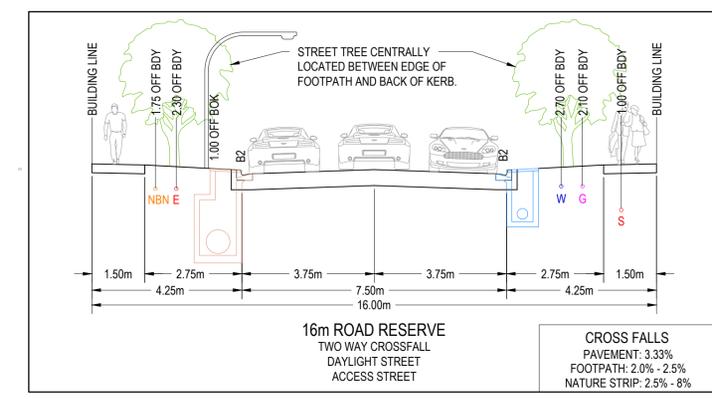
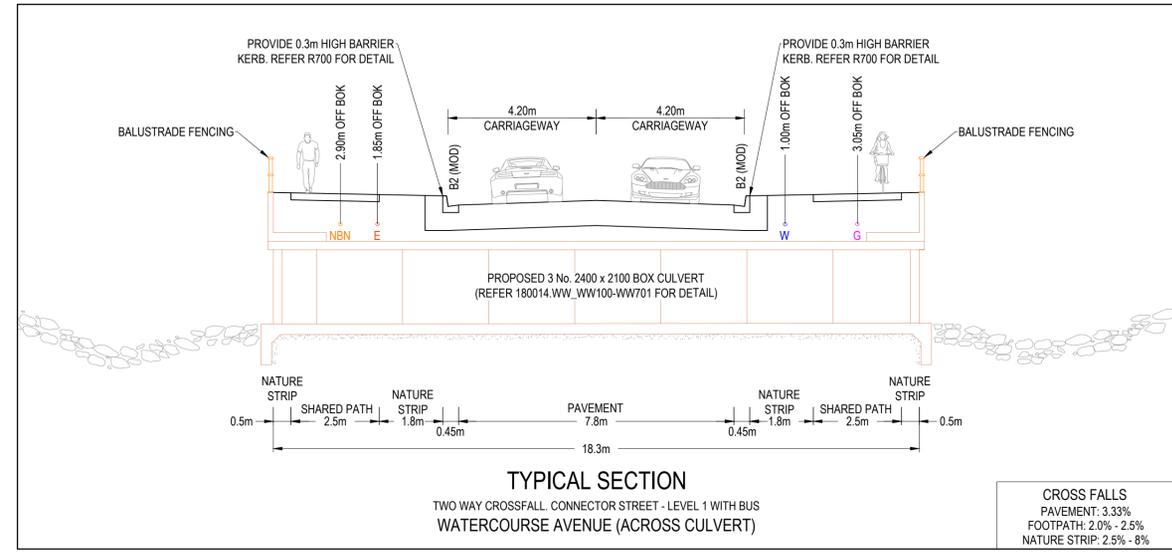
**DATE FIRST ISSUE**  
 OCTOBER 2022

**PROJECT No.**  
 180014.11

**DRAWING No.**  
 R201

**REVISION**  
 AC

*Brad Leech* 23/08/24  
 SIGNED (CONSULTANT)  
 R  
 Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE

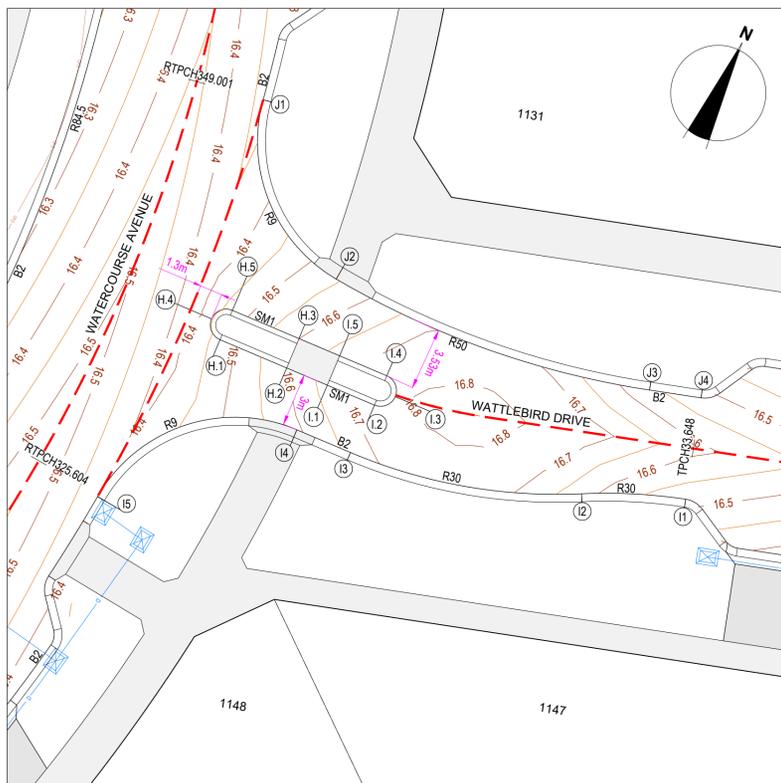


**CORIDALE ESTATE - STAGE 11**  
**TYPICAL SECTIONS**

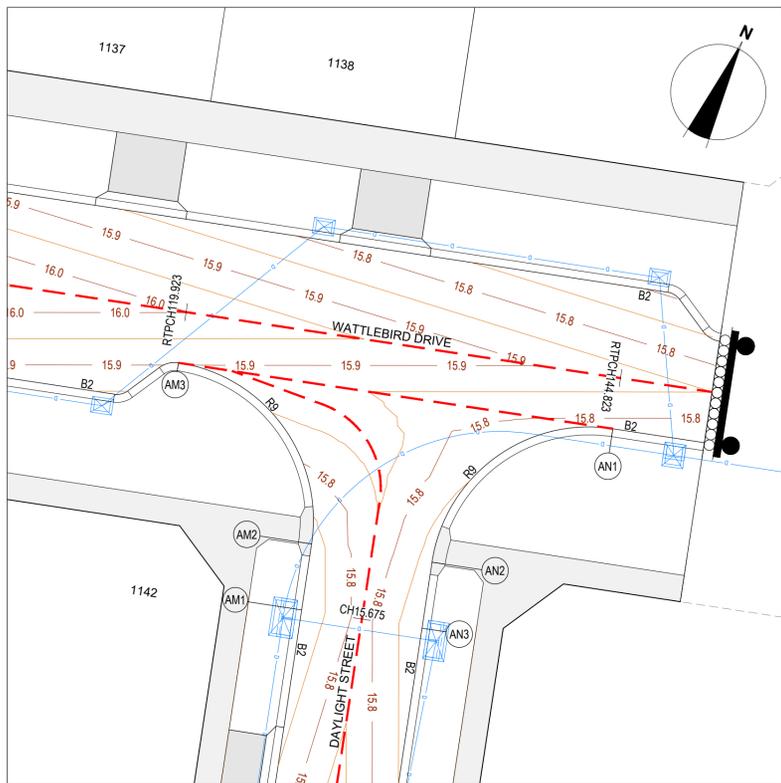
PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

SCALE AT 1	DRAWN	DESIGNED
NTS	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R202</b>	<b>AC</b>



WATERCOURSE AVENUE AND WATTLEBIRD DRIVE INTERSECTION



WATTLEBIRD DRIVE & DAYLIGHT STREET INTERSECTION



ISLAND ALIGNMENT H.

PT NO	EASTING	NORTHING	RL
H.1	269159.721	5789813.231	16.470
H.2	269163.913	5789813.401	16.600
H.3	269163.739	5789815.200	16.600
H.4	269159.646	5789815.030	16.470
H.5	269158.784	5789814.093	16.420

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
H.2-H.3	1.022	100.90	1.800	0.004	0.003	0.450	0.450	0.353	16.610
H.4-H.5	90.00	0.900	1.414	0.264	0.195	0.344	0.292	0.353	16.445
H.5-H.1	90.00	0.900	1.414	0.264	0.195	0.344	0.292	0.353	16.445

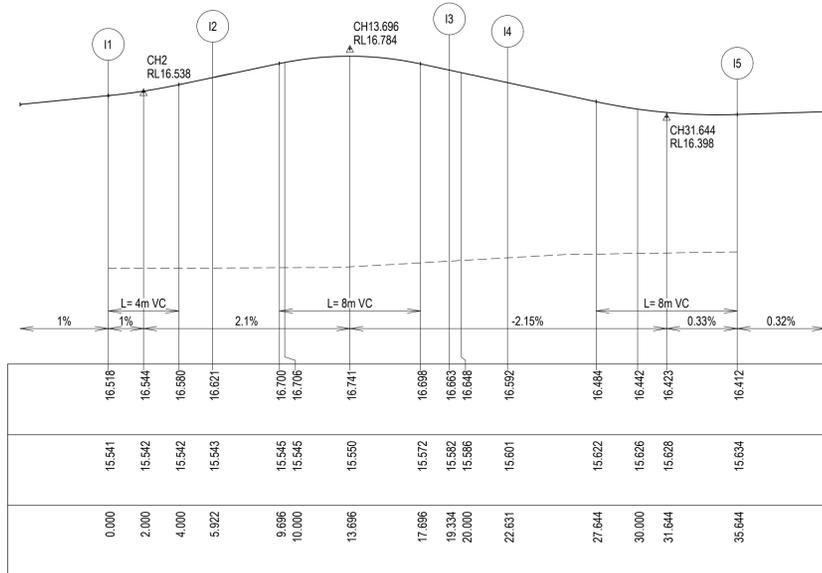
ISLAND ALIGNMENT I.

PT NO	EASTING	NORTHING	RL
I.1	269166.311	5789813.505	16.670
I.2	269169.213	5789813.636	16.740
I.3	269170.075	5789814.563	16.778
I.4	269169.138	5789815.424	16.740
I.5	269166.237	5789815.304	16.670

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
I.2-I.3	90.00	0.900	1.414	0.264	0.195	0.344	0.292	0.353	16.759
I.3-I.4	90.00	0.900	1.414	0.264	0.195	0.344	0.292	0.353	16.761
I.5-I.1	0.997	103.40	1.800	0.004	0.003	0.450	0.450	0.353	16.700

VERTICAL GEOMETRY  
DATUM RL15  
DESIGN LEVEL  
EXISTING SURFACE  
CHAINAGE



LIP LINE I

ALIGNMENT I

PT NO	EASTING	NORTHING	RL
I.1	269187.432	5789816.352	16.518
I.2	269191.964	5789814.105	16.621
I.3	269189.129	5789810.620	16.663
I.4	269165.834	5789810.483	16.592
I.5	269157.239	5789802.239	16.412

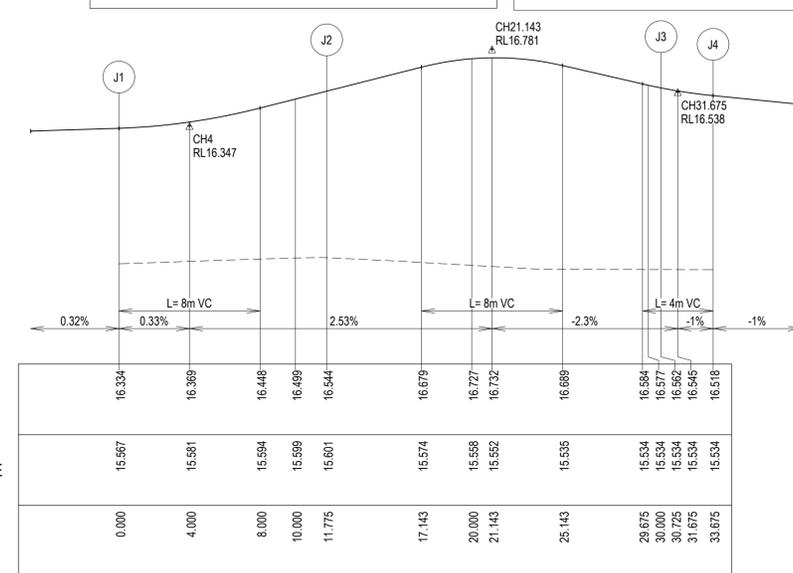
  

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
I.1-I.2	11.310	30.000	5.922	0.146	0.109	1.48	1.476	1.480	16.560
I.2-I.3	25.615	30.000	13.412	0.746	0.559	3.346	3.304	3.353	16.739
I.4-I.5	82.847	9.000	13.014	2.251	1.670	3.183	2.772	3.253	16.456

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

*Bradant Leech* 23/08/24  
SIGNED (CONSULTANT)  
*R* Ryan Lunn  
Winslow Constructors  
23/08/24  
SIGNED (CONTRACTOR)

VERTICAL GEOMETRY  
DATUM RL15  
DESIGN LEVEL  
EXISTING SURFACE  
CHAINAGE



LIP LINE J

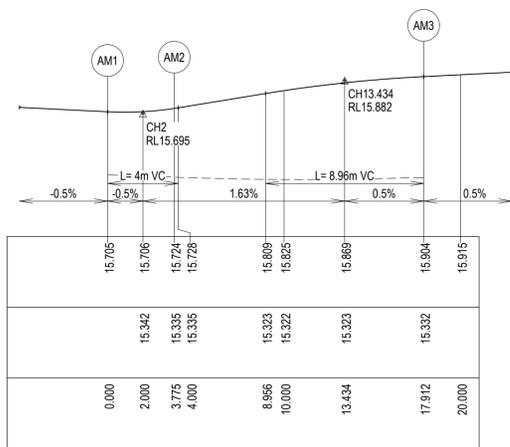
ALIGNMENT J

PT NO	EASTING	NORTHING	RL
J.1	269156.128	5789826.549	16.334
J.2	269164.202	5789819.148	16.544
J.3	269182.941	5789821.061	16.542
J.4	269185.767	5789821.908	16.518

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
J.1-J.2	74.963	9.000	11.775	1.858	1.381	2.892	2.585	2.944	16.401
J.2-J.3	21.715	50.000	18.950	0.895	0.671	4.730	4.688	4.738	16.732

VERTICAL GEOMETRY  
DATUM RL15  
DESIGN LEVEL  
EXISTING SURFACE  
CHAINAGE



LIP LINE AM

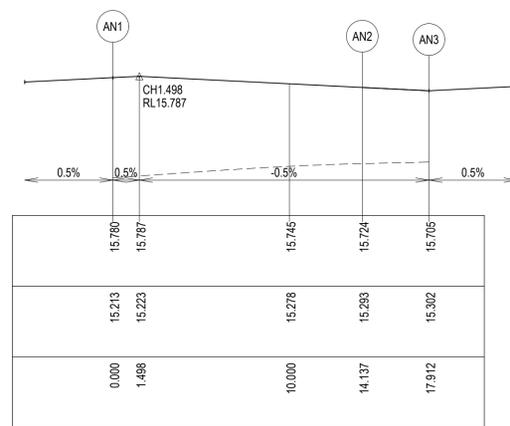
ALIGNMENT AM

PT NO	EASTING	NORTHING	RL
AM.1	269282.364	5789831.472	15.705
AM.2	269281.280	5789835.088	15.724
AM.3	269270.075	5789841.129	15.904

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
AM.2-AM.3	90.000	9.000	14.137	2.636	1.951	3.444	2.920	3.534	15.837

VERTICAL GEOMETRY  
DATUM RL15  
DESIGN LEVEL  
EXISTING SURFACE  
CHAINAGE



LIP LINE AN

ALIGNMENT AN

PT NO	EASTING	NORTHING	RL
AN.1	269293.926	5789848.275	15.780
AN.2	269287.889	5789837.070	15.724
AN.3	269286.973	5789833.454	15.705

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
AN.1-AN.2	90.000	9.000	14.137	2.636	1.951	3.444	2.920	3.534	15.759

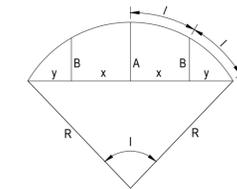
**WARNING**  
**BEWARE OF UNDERGROUND & OVERHEAD SERVICES**  
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**DIAL 1100 BEFORE YOU DIG**  
[www.1100.com.au](http://www.1100.com.au)

**LEGEND - INTERSECTION PLAN**  

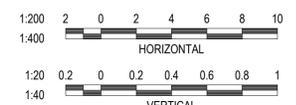
- STORMWATER DRAIN, PIT & PROPERTY INLET
- MAJOR CONTOUR - 0.1m
- MINOR CONTOUR - 0.05m
- CROWN / GRADE LINE

**LEGEND**  

- EXISTING SURFACE
- DESIGN LINE
- INTERSECTION POINT



LIP PROFILE SETOUT



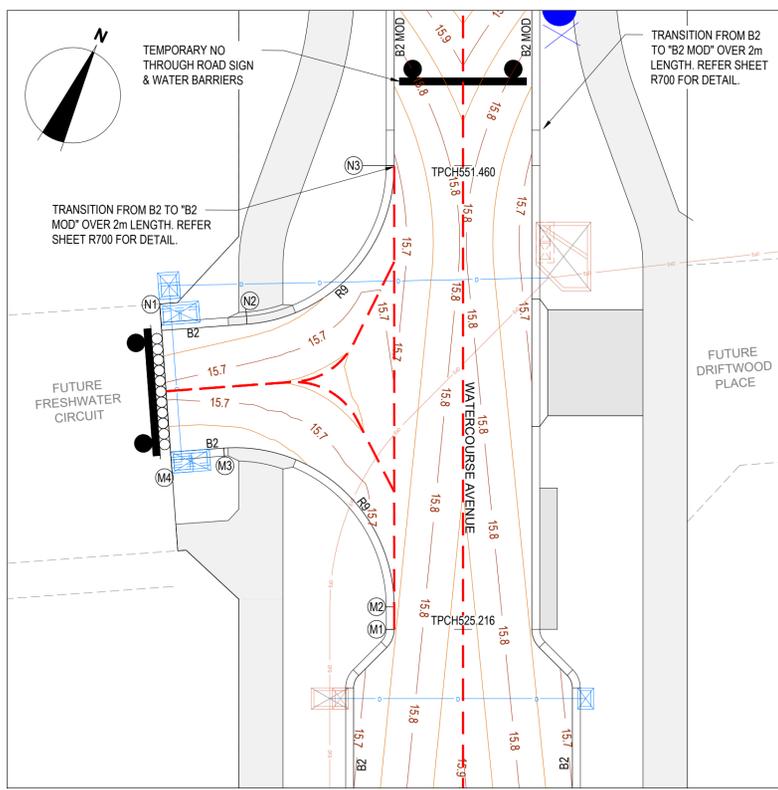
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



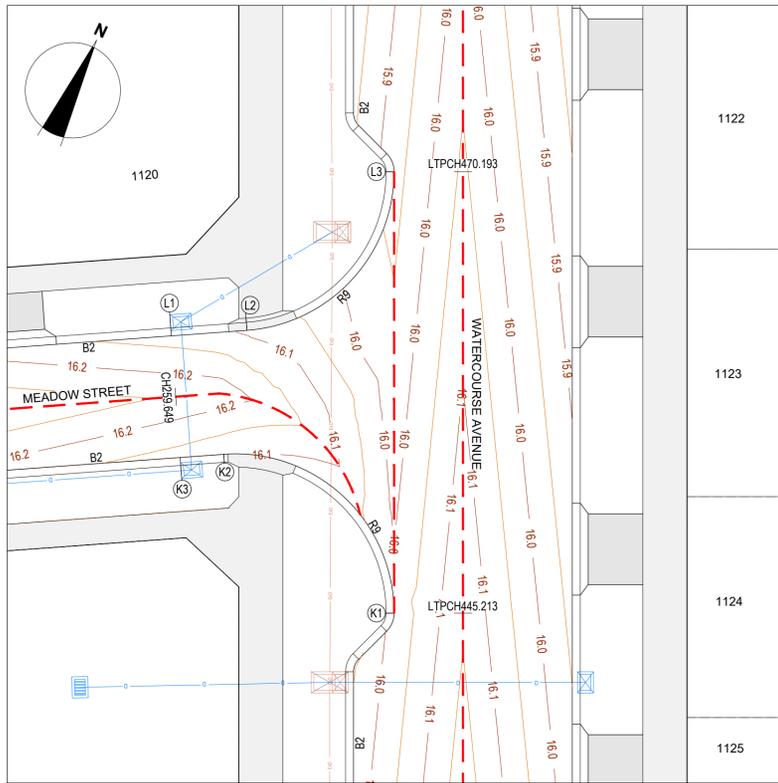
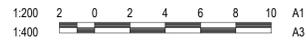
**CORIDALE ESTATE - STAGE 11**  
**INTERSECTION DETAILS - 1**  
  
PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

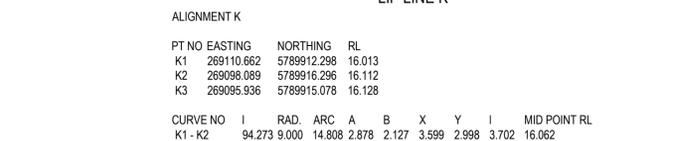
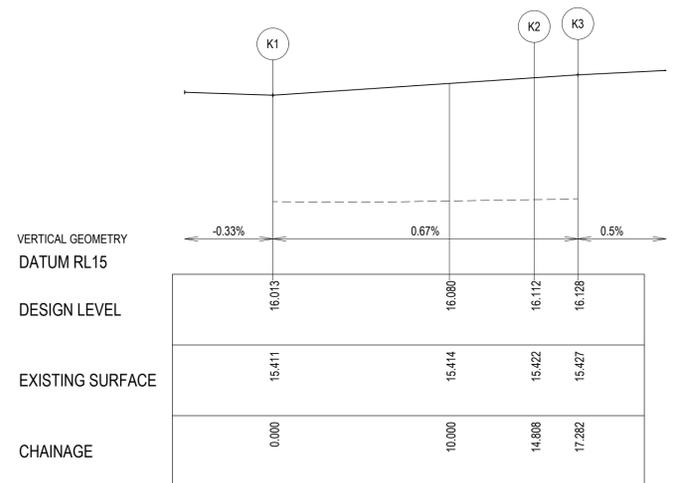
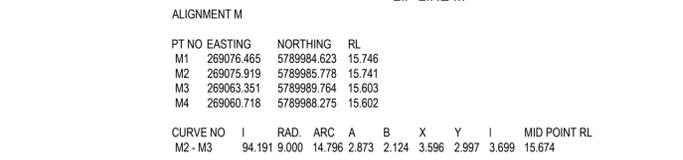
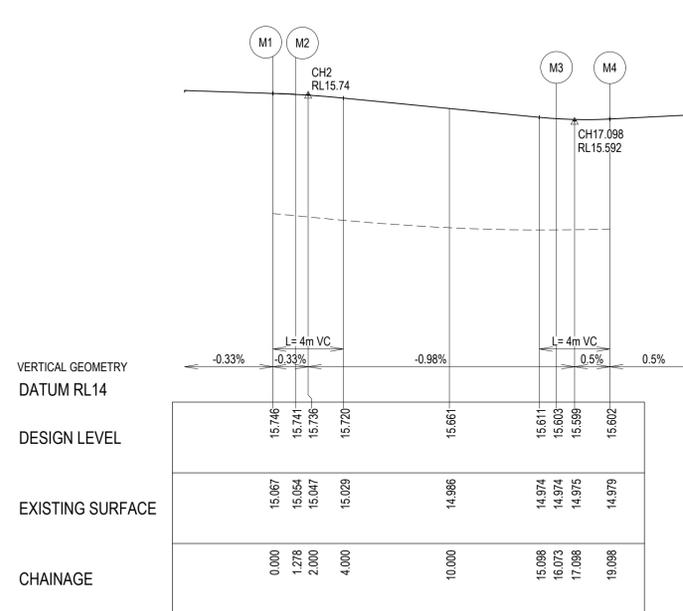
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R300</b>	<b>AC</b>



WATERCOURSE AVENUE AND FRESHWATER CIRCUIT INTERSECTION



WATERCOURSE AVENUE & MEADOW STREET INTERSECTION



CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

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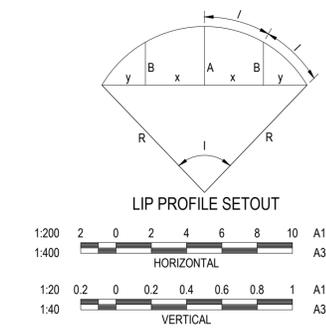
**DIAL 1100 BEFORE YOU DIG**  
www.1100.com.au

**LEGEND - INTERSECTION PLAN**

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

**LEGEND**

- EXISTING SURFACE
- DESIGN LINE
- INTERSECTION POINT



*Brad Leach* 23/08/24  
SIGNED (CONSULTANT)

*Ryan Lunn*  
SIGNED (CONTRACTOR)

Winslow Constructors  
23/08/24

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE

**villawood properties**  
Communities Designed for Living

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

**Coridale**  
LARA

**CORIDALE ESTATE - STAGE 11**  
**INTERSECTION DETAILS - 2**  
PLANNING PERMIT No: PP-496-2018

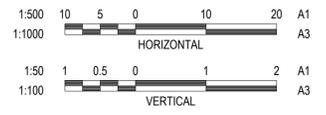
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No.	DRAWING No.	REVISION
180014.11	R301	AC

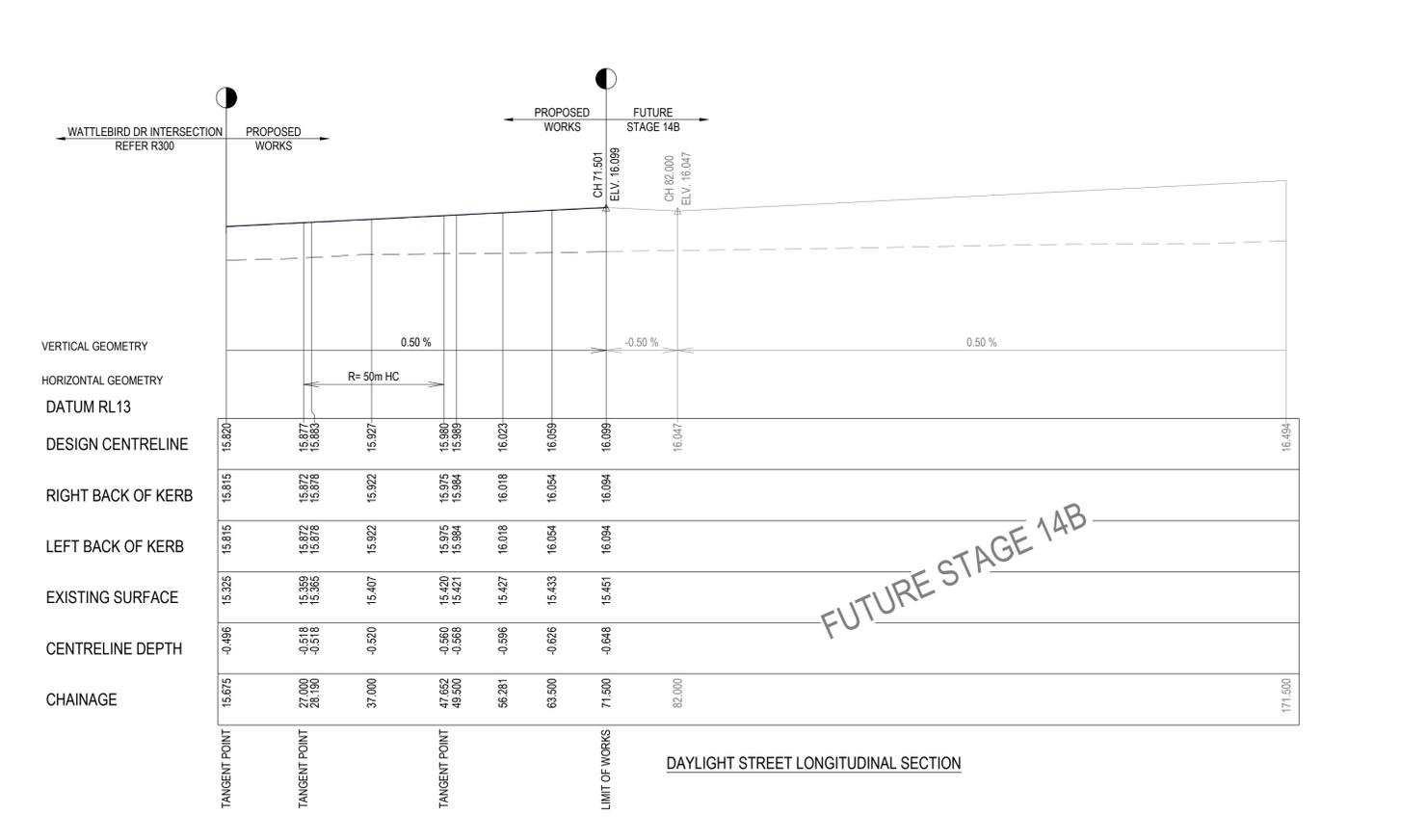
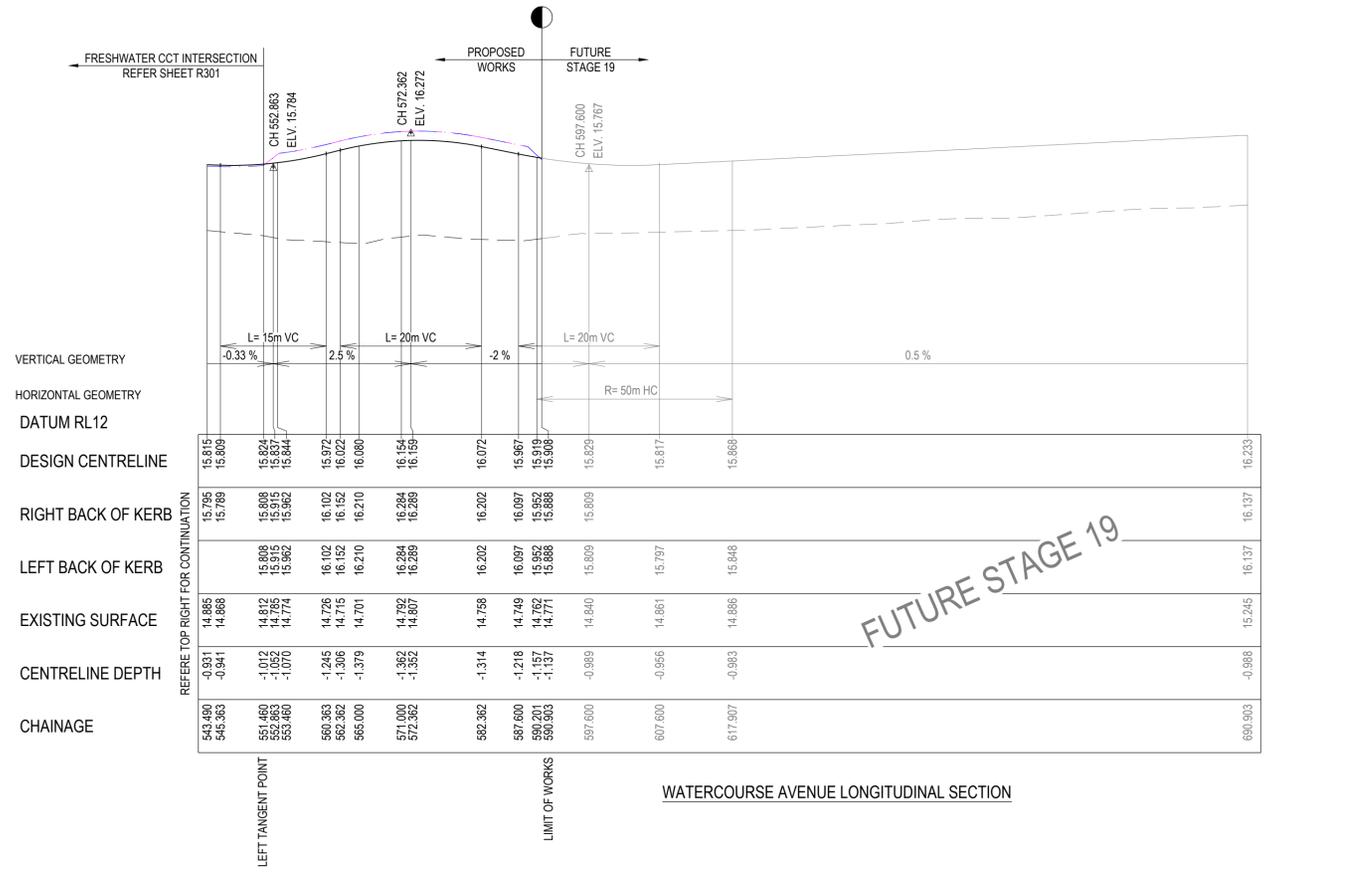
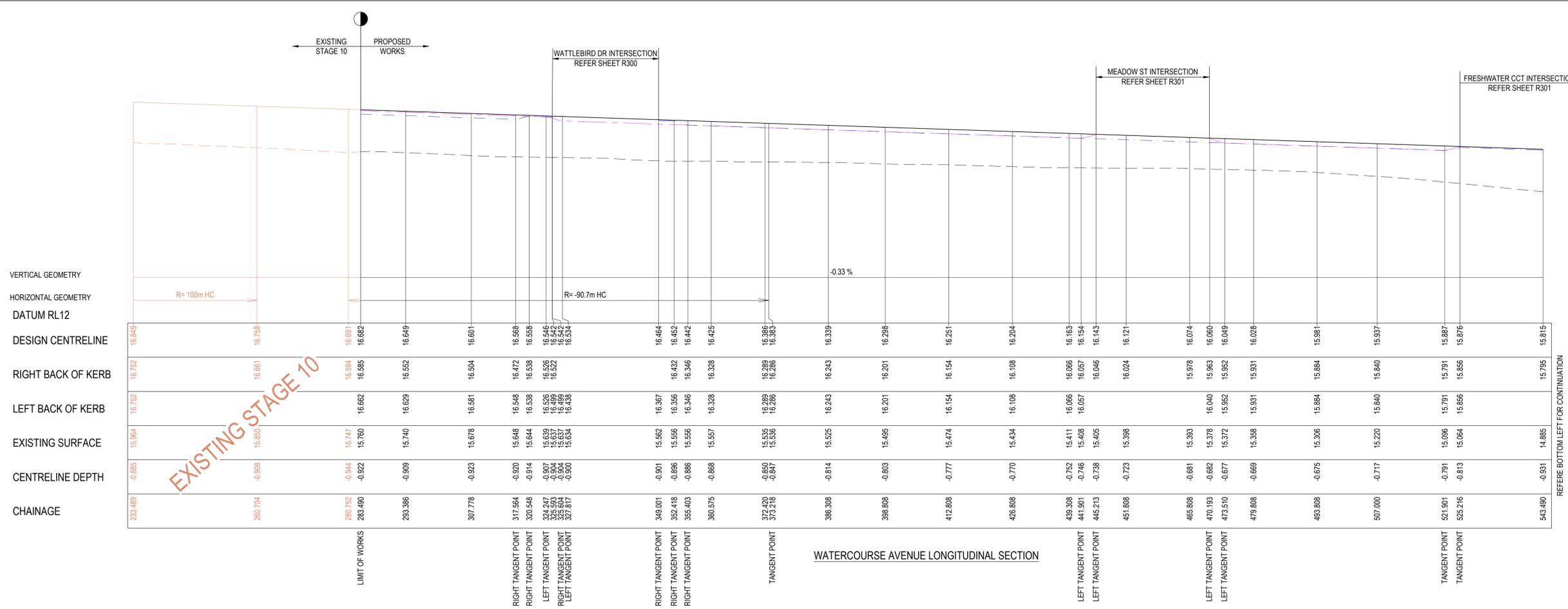
CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

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

**LEGEND**  
 - - - - - EXISTING SURFACE  
 ——— DESIGN LINE  
 - - - - - LEFT BACK OF KERB  
 - - - - - RIGHT BACK OF KERB  
 A INTERSECTION POINT



*Brad Leach* 23/08/24  
 SIGNED (CONSULTANT) Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
1	15/12/23	ST19 LIMIT OF WORKS AMENDED	I.HOGAN	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.RHODE	M.TROUNCE

CLIENT

Communities Designed for Living

CLIENT

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

PROJECT

DRAWING TITLE

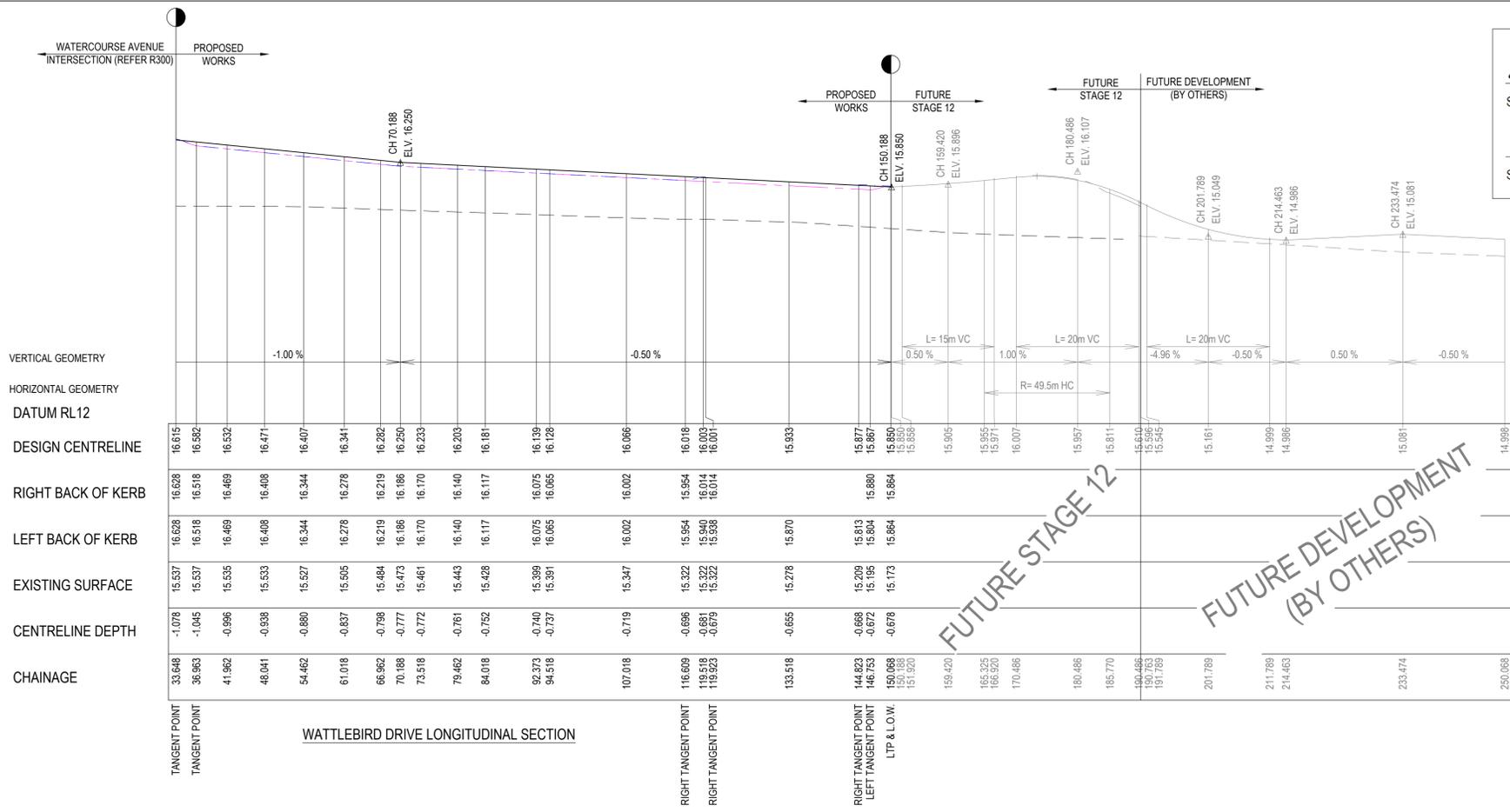
**CORIDALE ESTATE - STAGE 11  
ROAD LONGITUDINAL SECTIONS - 1**

PLANNING PERMIT No: PP-496-2018

STATUS

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>180014.11</b>	<b>R400</b>	<b>AC</b>

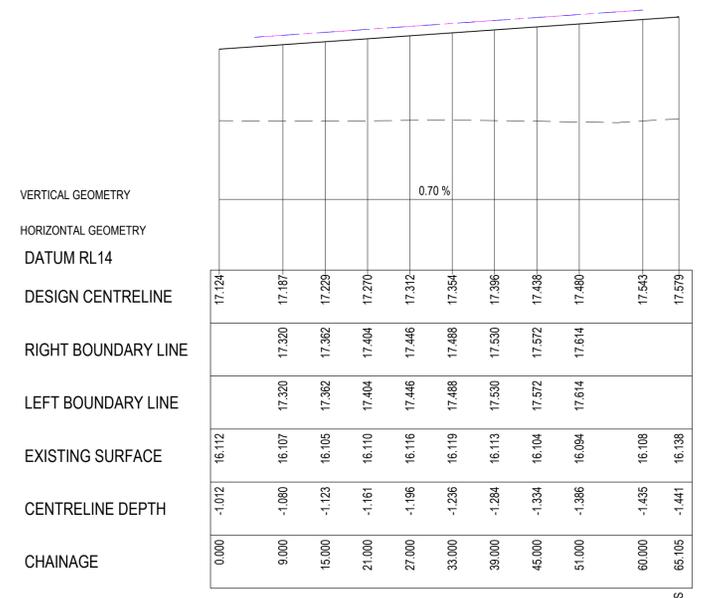
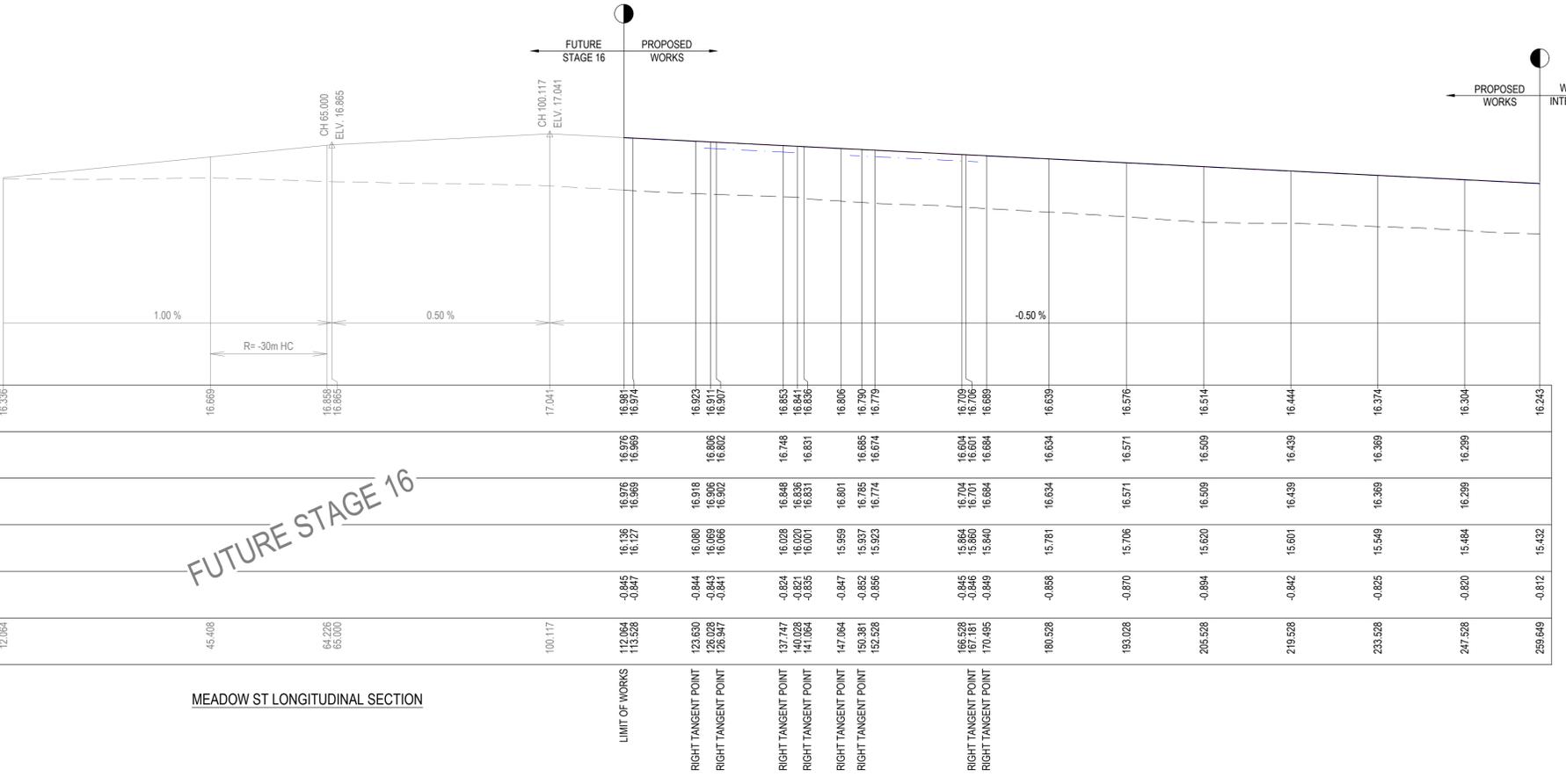
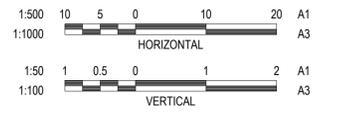


Braden Leech 23/08/24  
 SIGNED (CONSULTANT) Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

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**LEGEND**  
 - - - - - EXISTING SURFACE  
 ——— DESIGN LINE  
 - - - - - LEFT BACK OF KERB  
 - - - - - RIGHT BACK OF KERB  
 A INTERSECTION POINT



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
O	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



DRAWING TITLE  
**CORIDALE ESTATE - STAGE 11 ROAD LONGITUDINAL SECTIONS - 2**  
 PLANNING PERMIT No: PP-496-2018

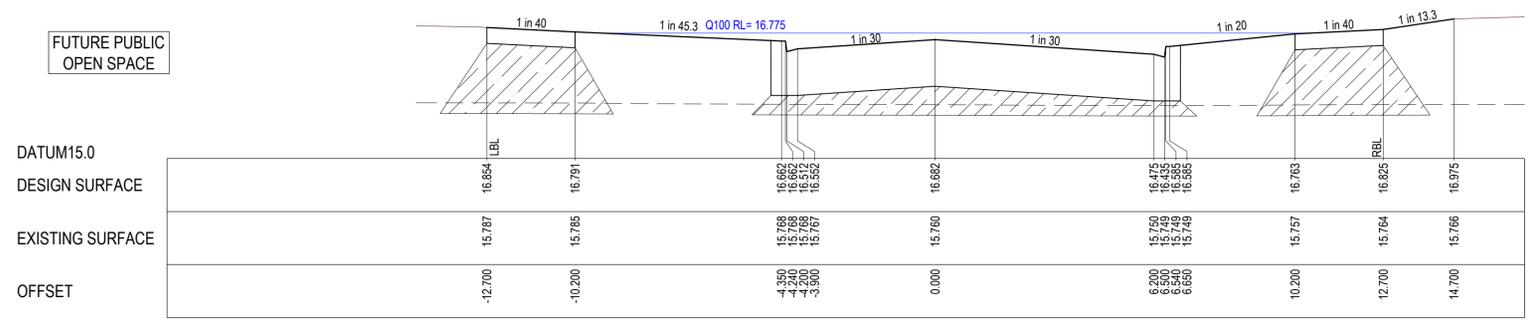
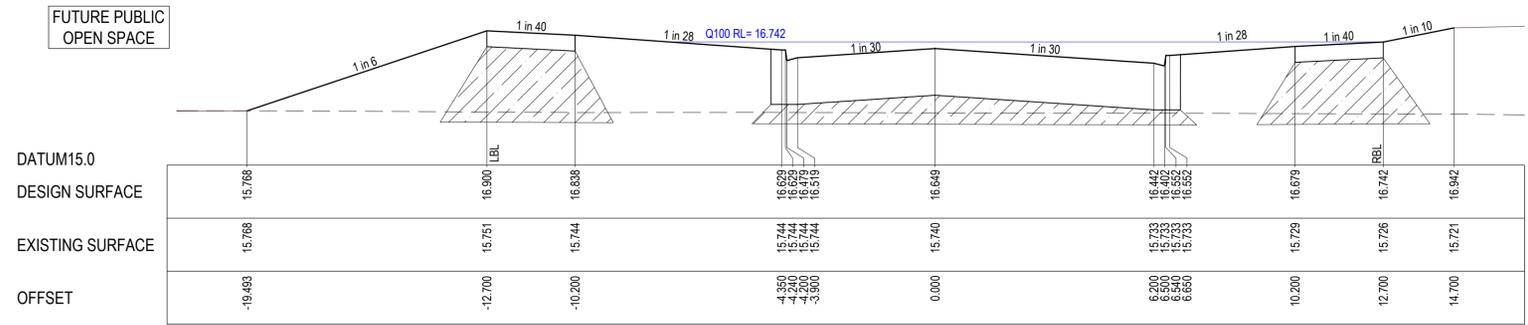
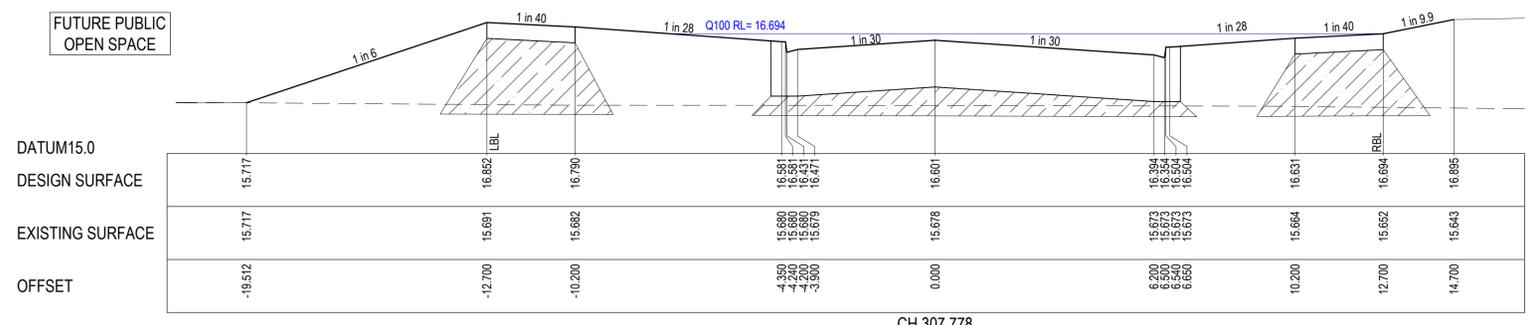
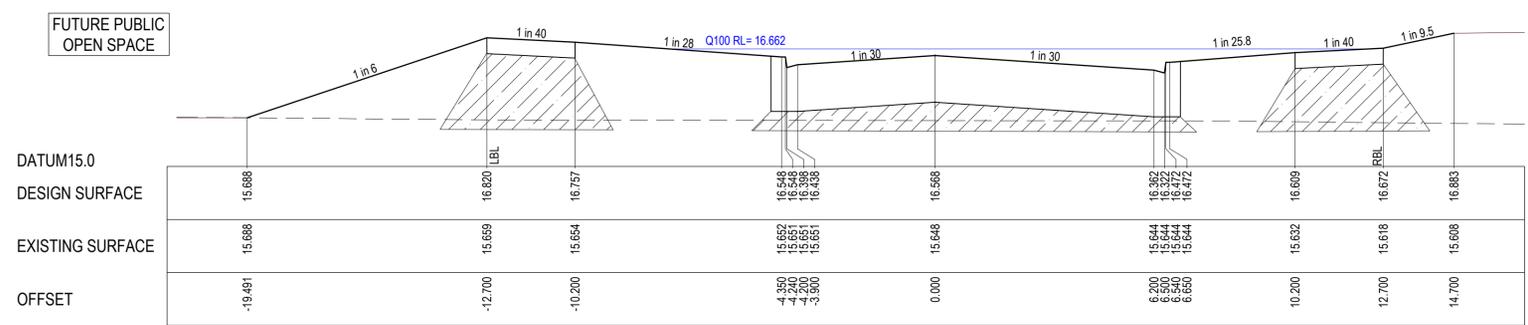
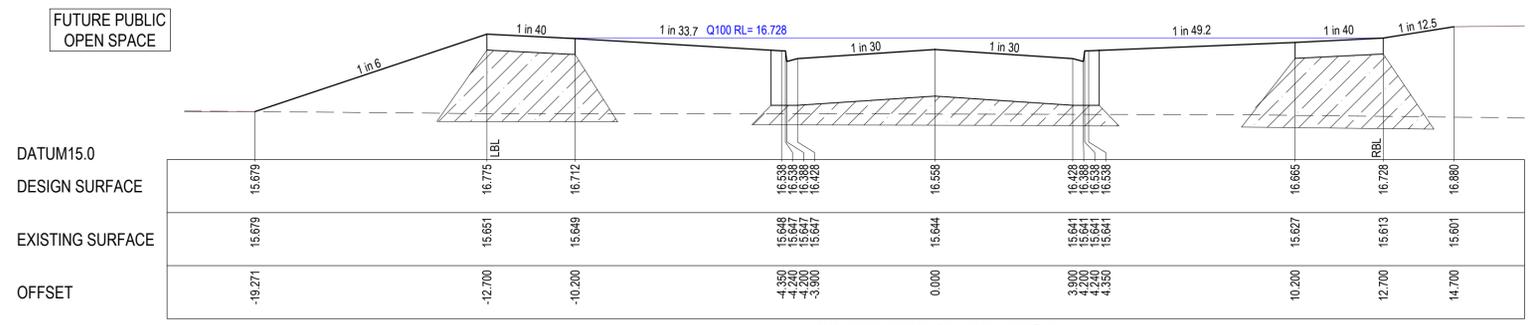
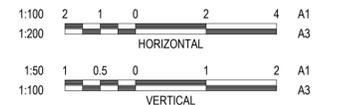
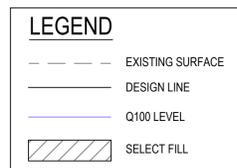
STATUS  
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R401</b>	<b>AC</b>

*Bradant Leech* 23/08/24  
 SIGNED (CONSULTANT) Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)

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P:\2018\80014\_205-245 CHALLOWAYS RD\_LARA\8014\_11\CIVIL\2\_DRAFTING\CAD\DETAILED DESIGN\8014\_11\_R500 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
O	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



DRAWING TITLE  
**CORIDALE ESTATE - STAGE 11  
 ROAD CROSS SECTIONS - 1  
 WATERCOURSE AVENUE - 1**  
 PLANNING PERMIT No: PP-496-2018

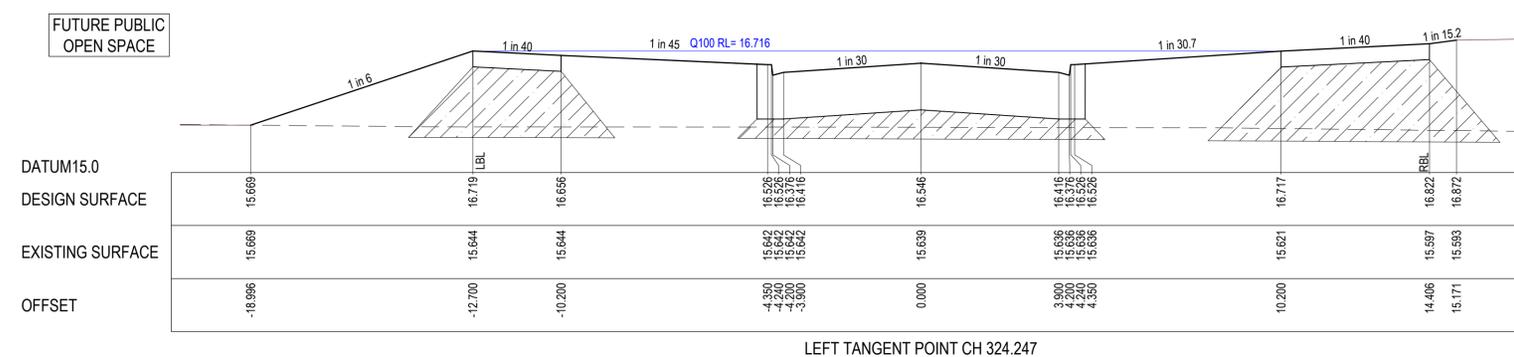
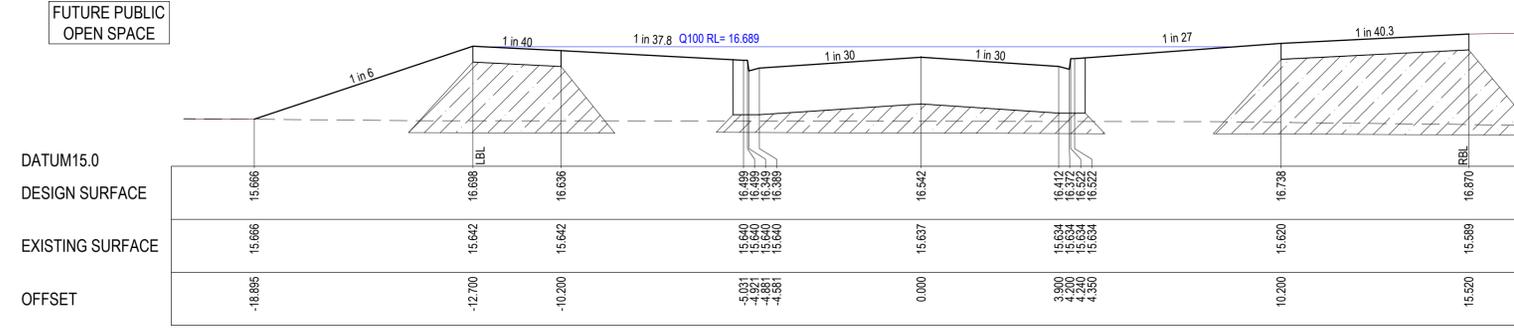
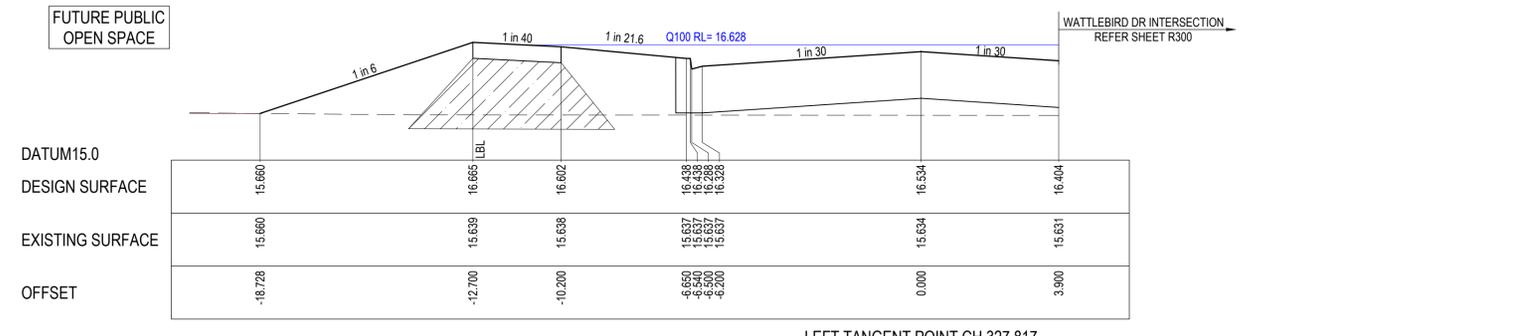
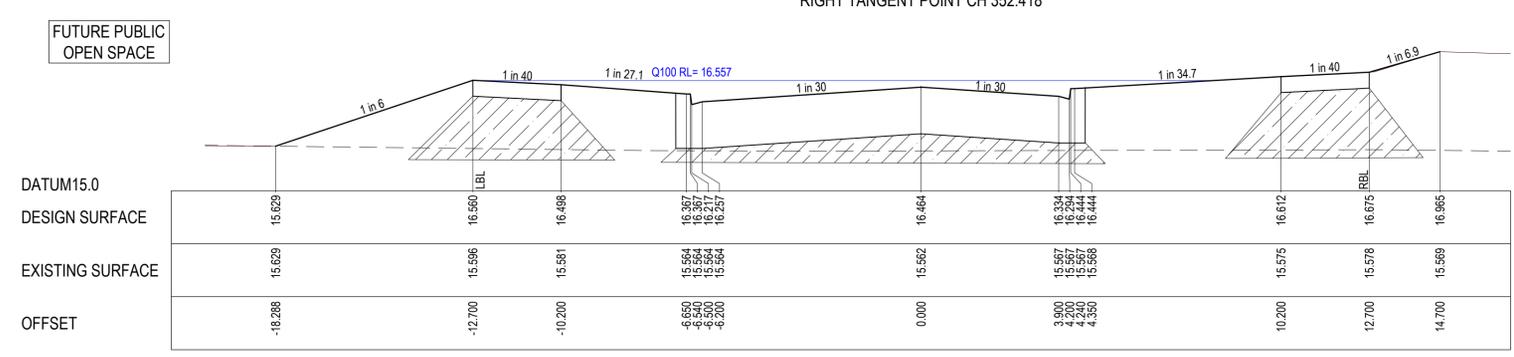
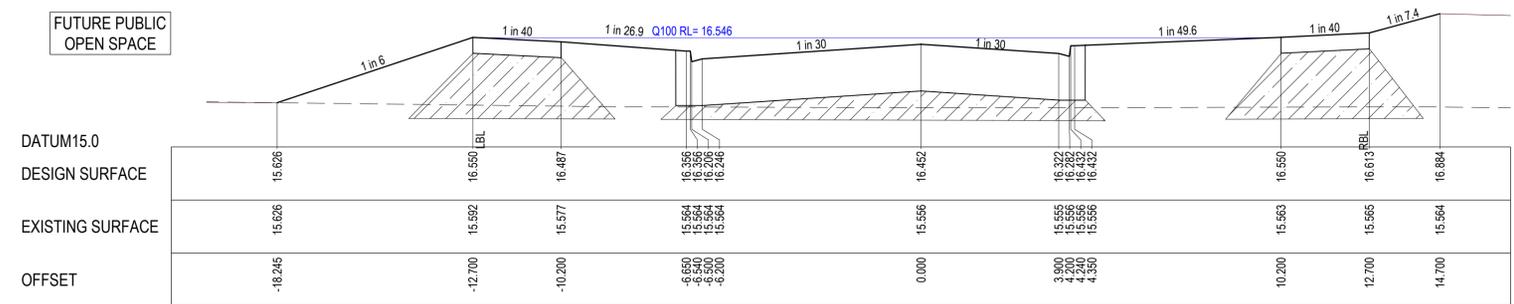
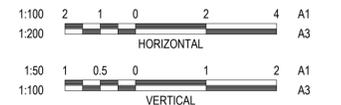
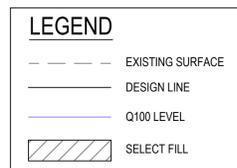
STATUS  
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R500</b>	<b>AC</b>

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 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)

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P:\2018\80014\_205-245 CHALLOWAYS RD\_LARA\8014\_11\CIVIL\2\_DRAFTING\AD\DETAILED DESIGN\8014\_11\_R001 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



**CORIDALE ESTATE - STAGE 11**  
**ROAD CROSS SECTIONS - 2**  
**WATERCOURSE AVENUE - 2**  
 PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R501</b>	<b>AC</b>

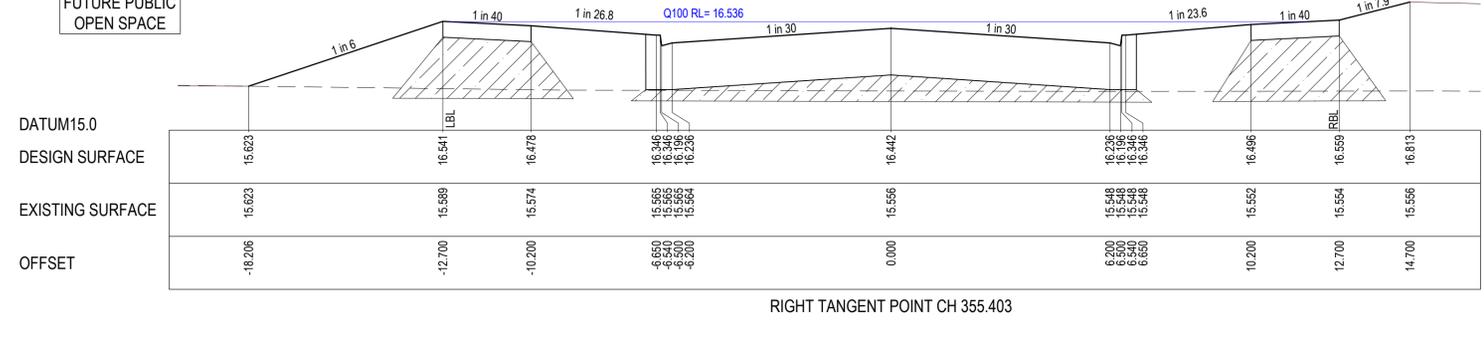
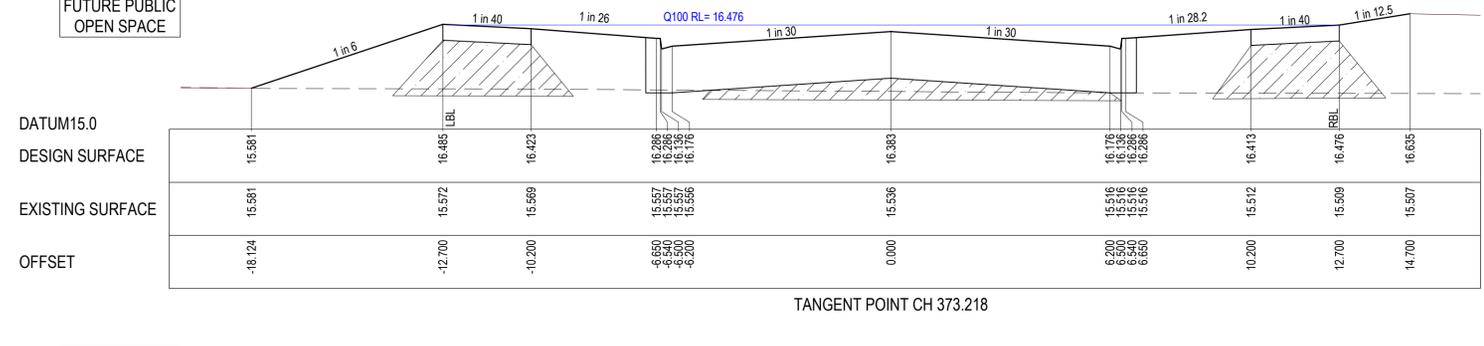
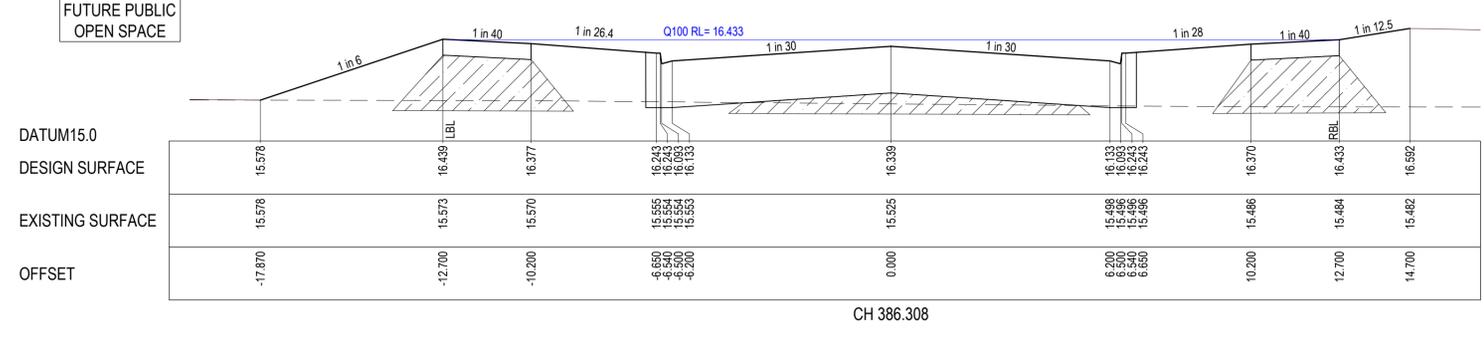
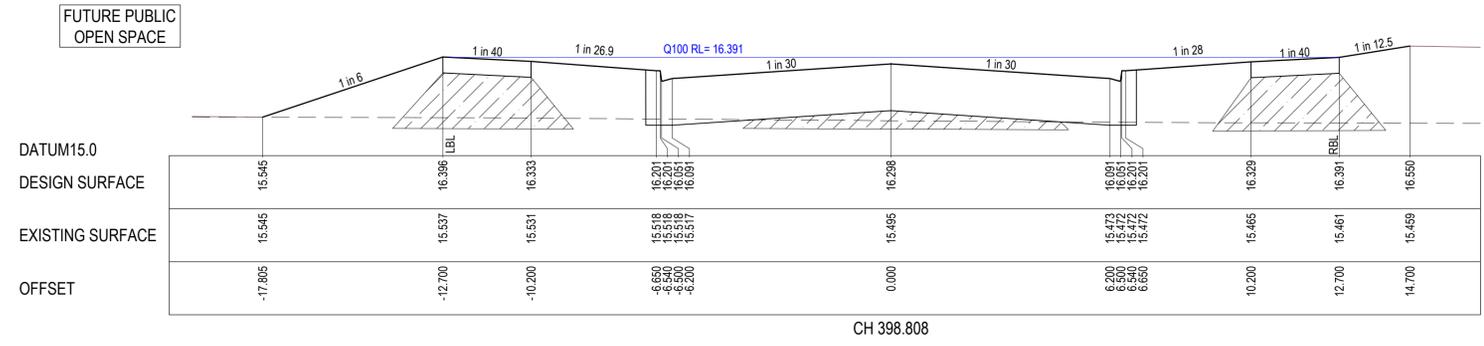
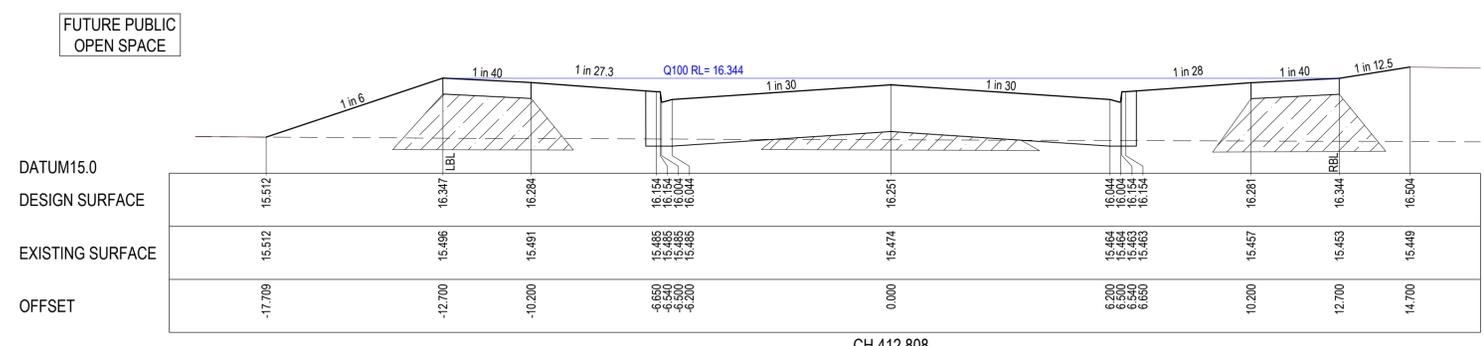
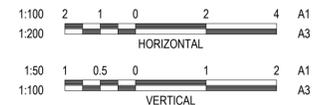
*Brad Leech* 23/08/24  
 SIGNED (CONSULTANT) Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)

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**LEGEND**

- EXISTING SURFACE
- DESIGN LINE
- Q100 LEVEL
- ▨ SELECT FILL



P:\2018\80014\_205-245 CHALLOWAYS RD\_LARA\8014\_11\CIVIL\2\_DRAFTING\CAD\DETAILED DESIGN\8014\_11\_800 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE

**villawood properties**  
 Communities Designed for Living

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

**Coridale**  
 LARA

**CORIDALE ESTATE - STAGE 11**  
**ROAD CROSS SECTIONS - 3**  
**WATERCOURSE AVENUE - 3**  
 PLANNING PERMIT No: PP-496-2018

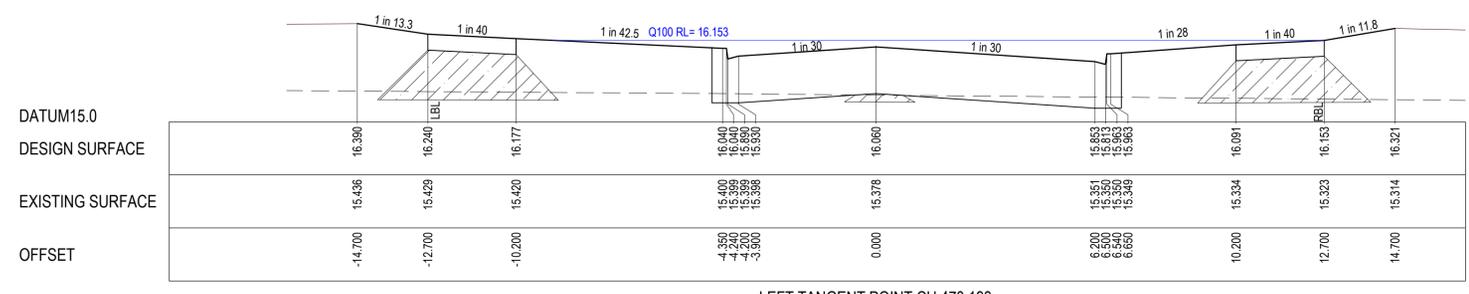
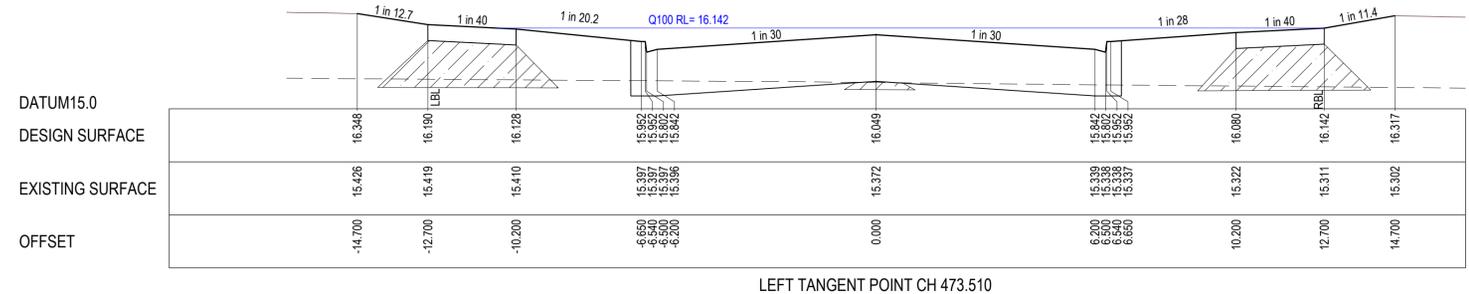
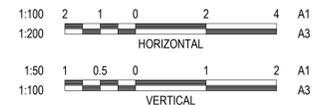
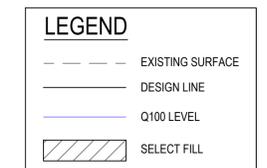
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R502</b>	<b>AC</b>

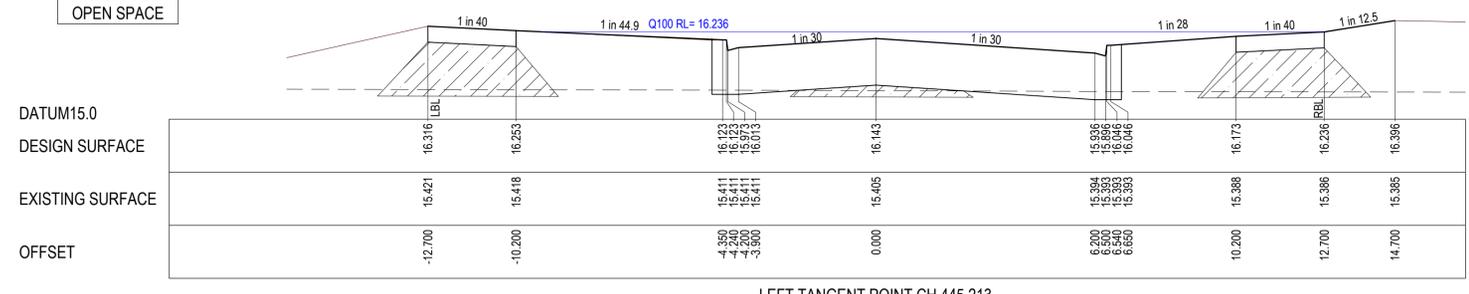
*Brad Leech* 23/08/24  
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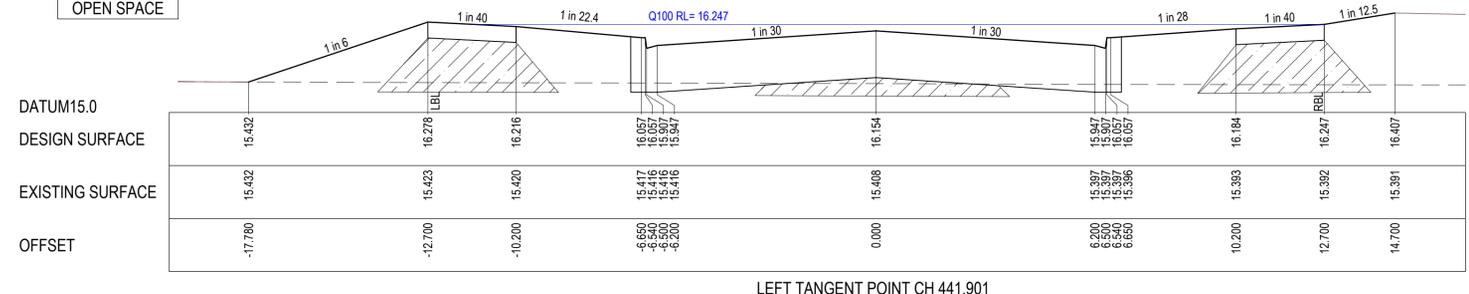
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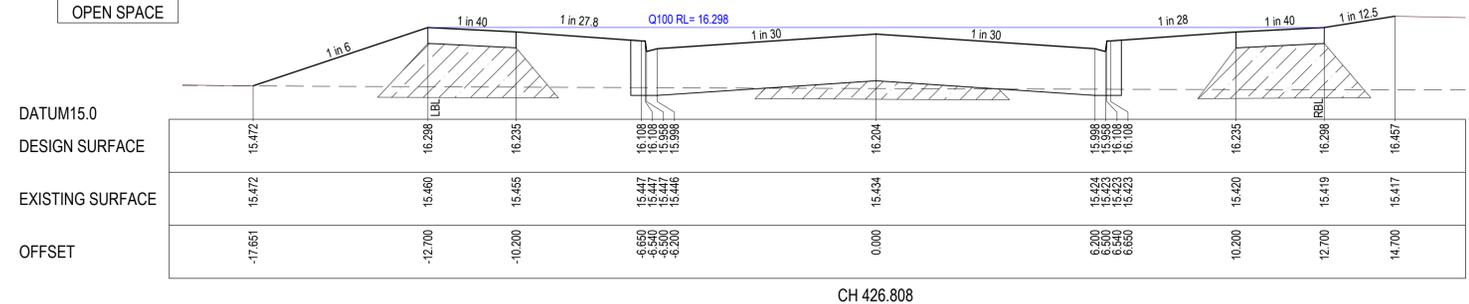
FUTURE PUBLIC OPEN SPACE



FUTURE PUBLIC OPEN SPACE



FUTURE PUBLIC OPEN SPACE



P:201818014\_205-245 CHALLOWAYS RD\_LARA18014\_11-CIVIL-DRAFTING-AD-DETAILED DESIGN18014.11-R00 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



**CORIDALE ESTATE - STAGE 11**  
**ROAD CROSS SECTIONS - 4**  
**WATERCOURSE AVENUE - 4**  
 PLANNING PERMIT No: PP-496-2018

STATUS  
**AS CONSTRUCTED**

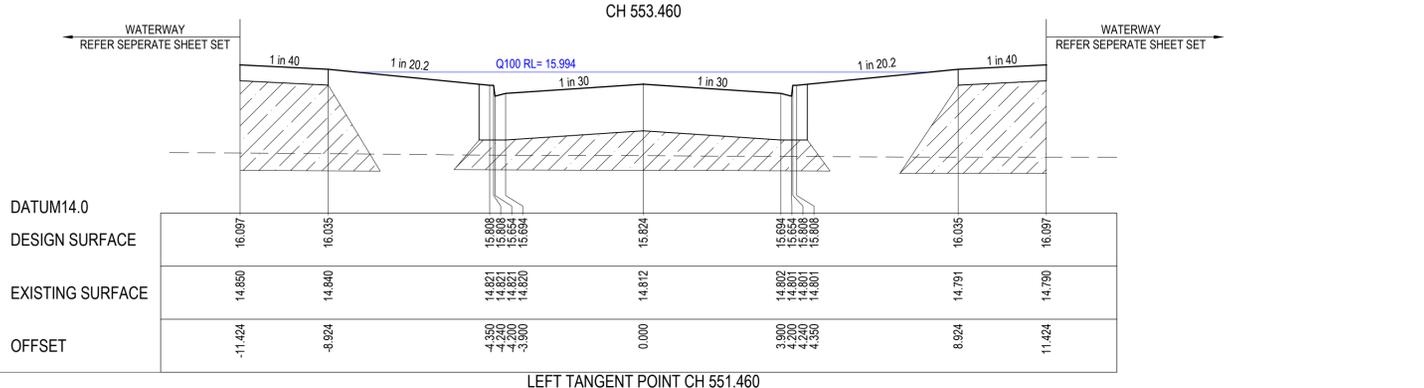
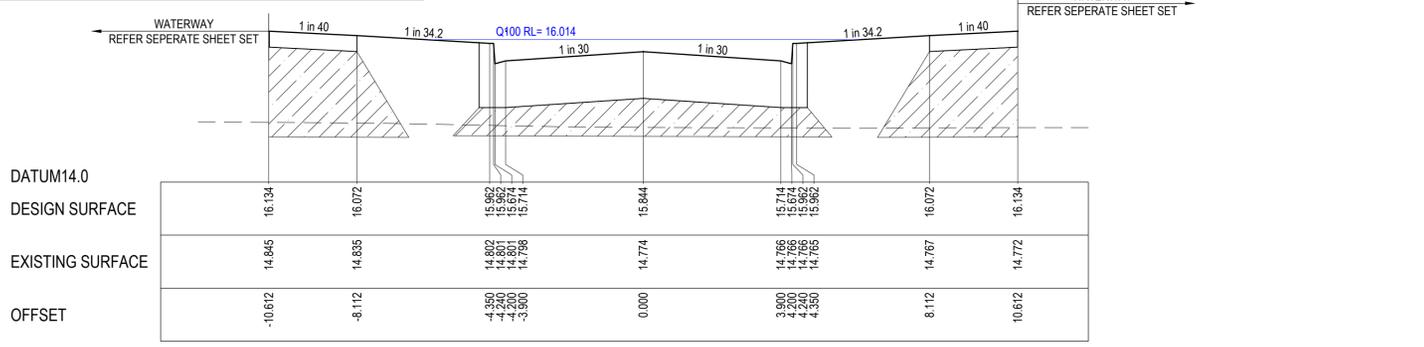
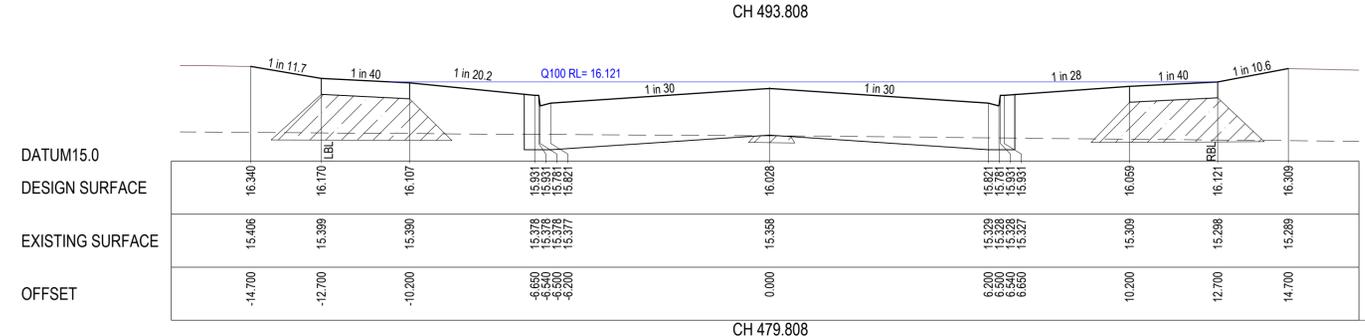
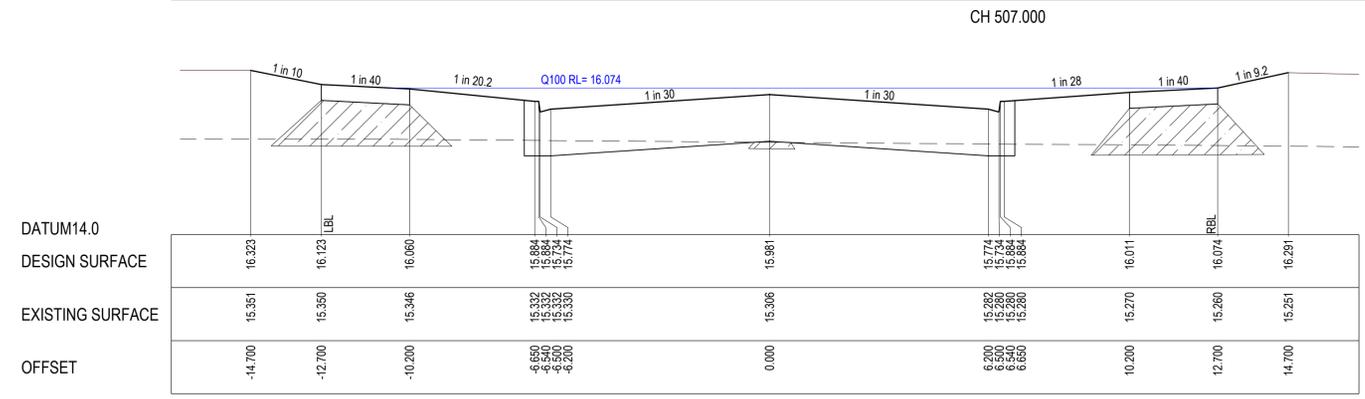
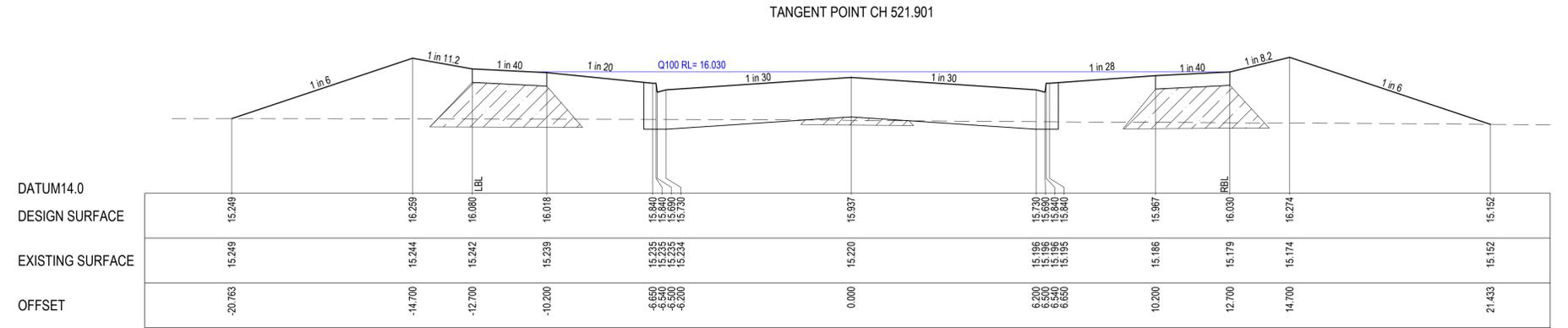
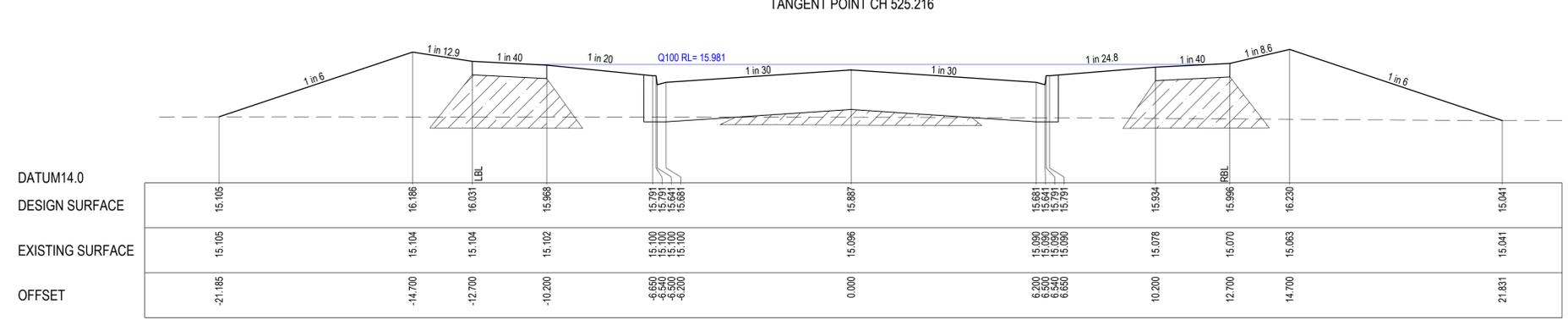
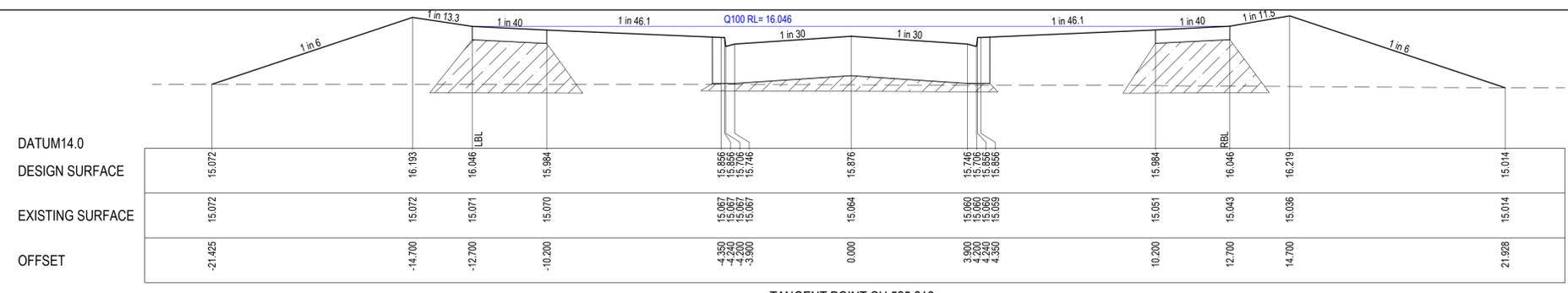
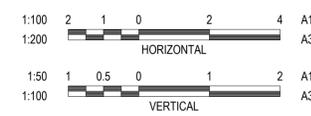
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R503</b>	<b>AC</b>

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 Winslow Constructors  
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**LEGEND**  
 - - - - - EXISTING SURFACE  
 ———— DESIGN LINE  
 ———— Q100 LEVEL  
 ▨ SELECT FILL



P:\2018\80014\_205-245 CHALLOWAYS RD\_LARA\8014\_11\CIVIL\2\_DRAFTING\AD\DETAILED DESIGN\8014\_11-R00 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
O	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



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



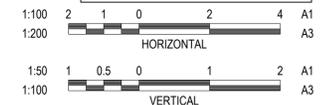
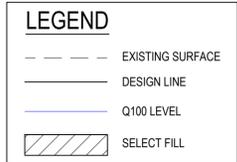
**CORIDALE ESTATE - STAGE 11**  
**ROAD CROSS SECTIONS - 5**  
**WATERCOURSE AVENUE - 5**  
 PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R504</b>	<b>AC</b>

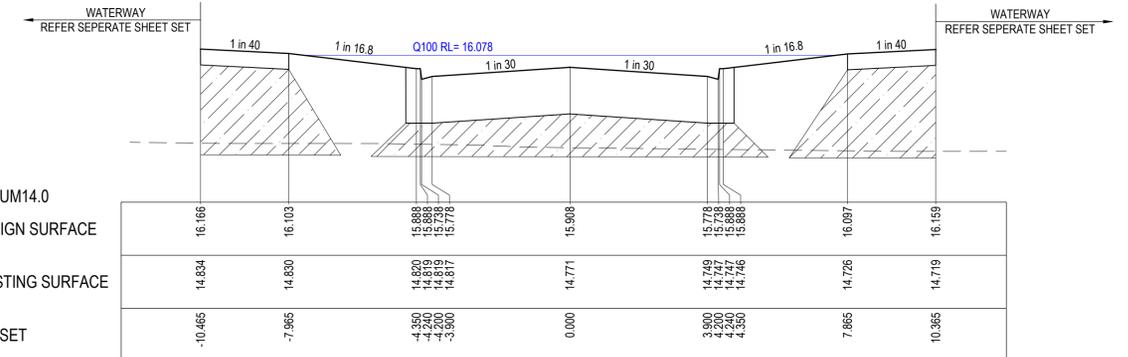
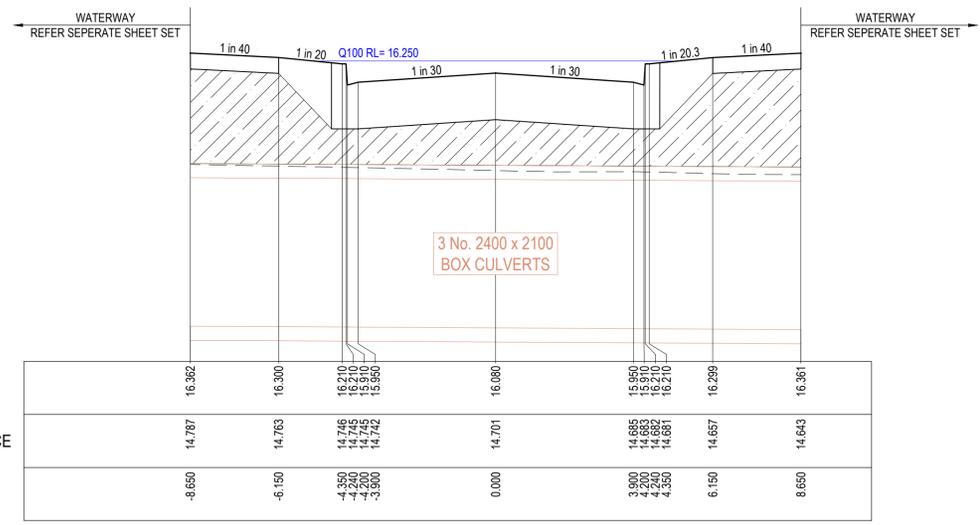
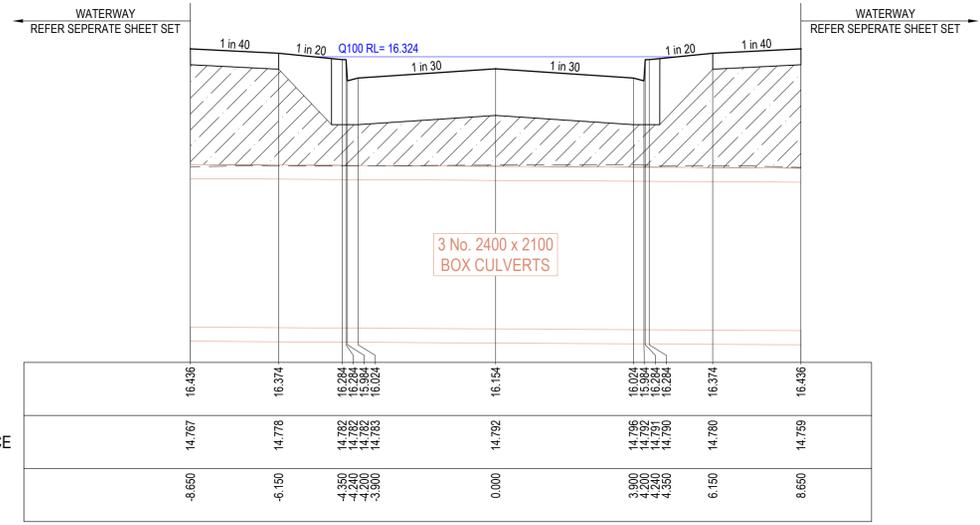
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CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

*Braden Leech* 23/08/24  
 SIGNED (CONSULTANT)  
 Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)



P:\2018\180014\_205-245 CHALLOWAYS RD\_LARA\18014\_11\CIVIL\2\_DRAFTING\CADD\DETAILED DESIGN\18014\_11\_R500 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
1	15/12/23	ST19 LIMIT OF WORKS AMENDED	I.HOGAN	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE

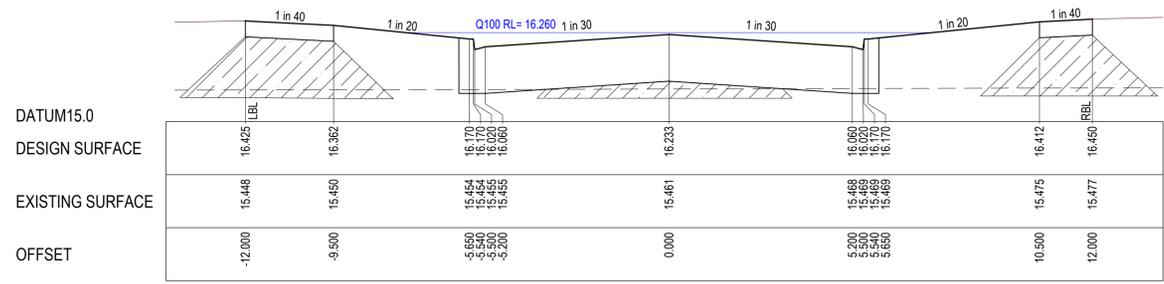


**CORIDALE ESTATE - STAGE 11**  
**ROAD CROSS SECTIONS - 6**  
**WATERCOURSE AVENUE - 6**

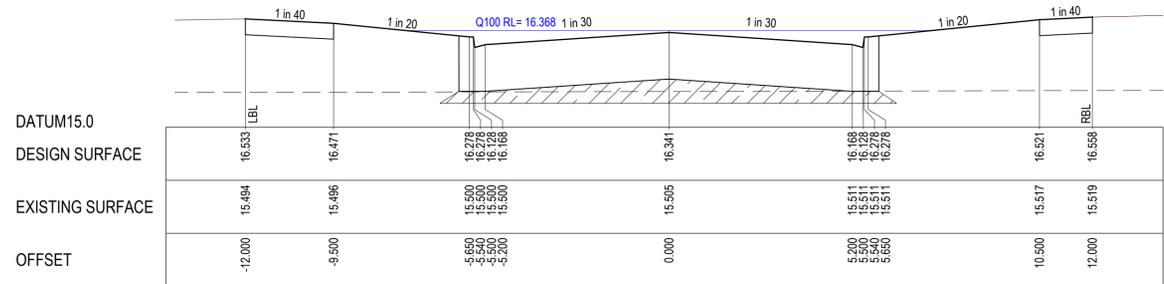
PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

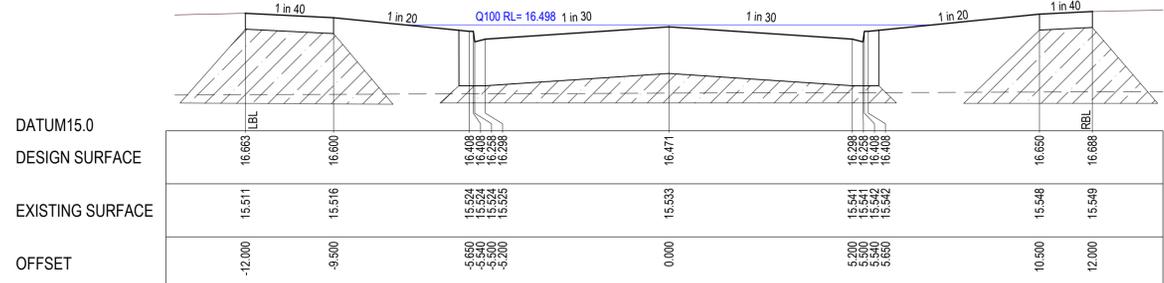
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AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>180014.11</b>	<b>R505</b>	<b>AC</b>



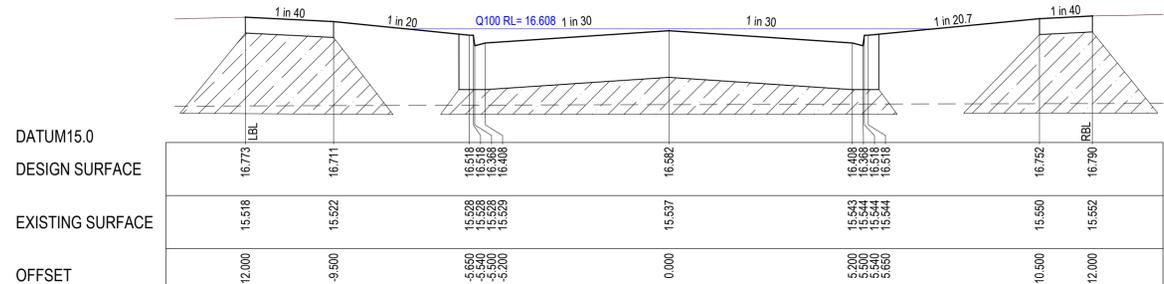
CH 73.518



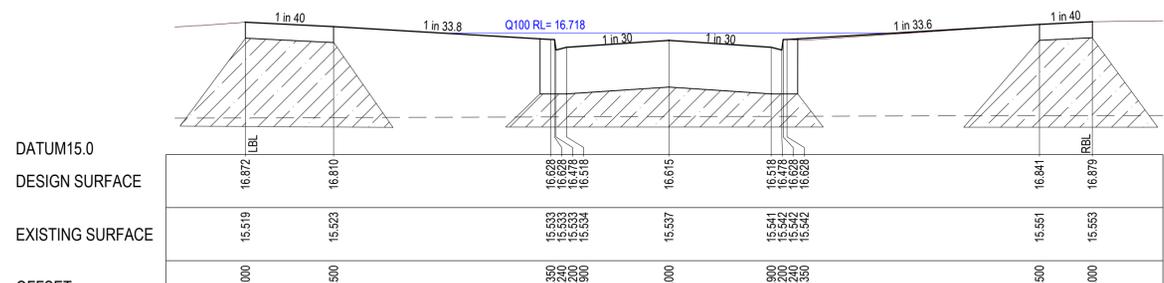
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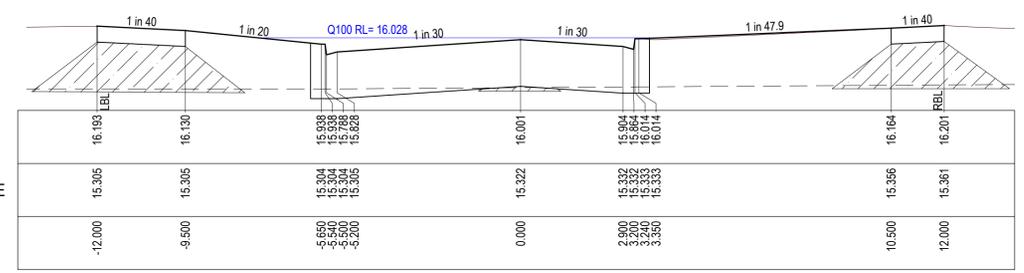
CH 48.041



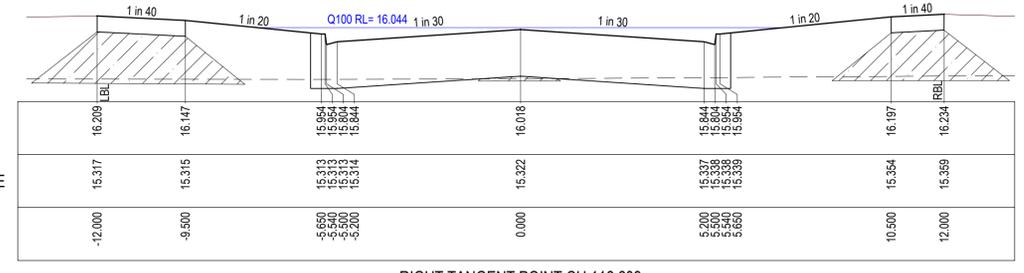
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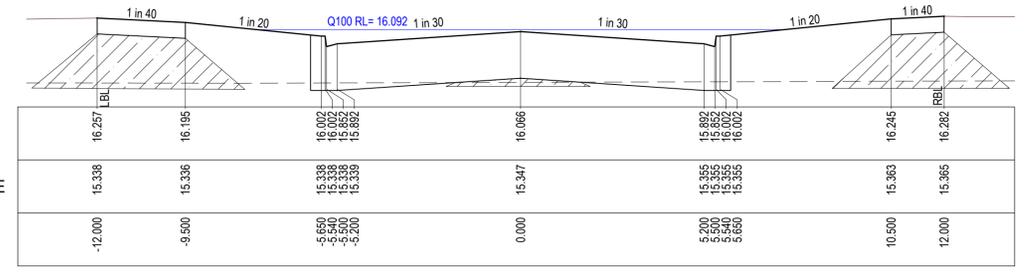
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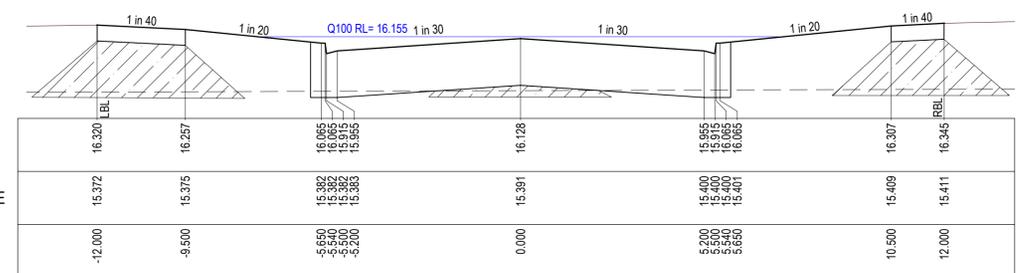
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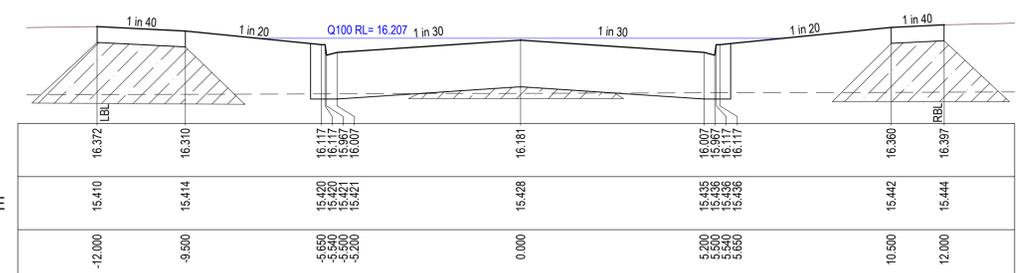
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CH 107.018



CH 94.518



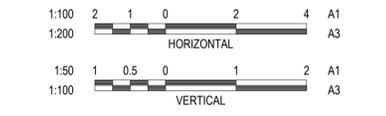
CH 84.018

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

**NOTE:**  
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**LEGEND**

- EXISTING SURFACE
- DESIGN LINE
- Q100 LEVEL
- ▨ SELECT FILL



*Brad Leach* 23/08/24  
 SIGNED (CONSULTANT)  
*R* Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)

P:\2018\80014\_205-245 CHALLOWAYS RD\_LARA\80014\_11-R001-ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
O	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE

**villawood properties**  
 Communities Designed for Living

**creo CONSULTANTS**  
 Suite 1, 2 Bloombsbury Street  
 Geelong, VIC, Australia 3220

**Coridale**  
 LARA

**CORIDALE ESTATE - STAGE 11**  
**ROAD CROSS SECTIONS - 7**  
**WATTLEBIRD DRIVE - 1**  
 PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R506</b>	<b>AC</b>



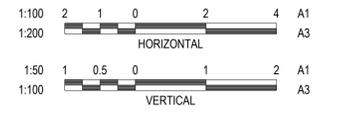


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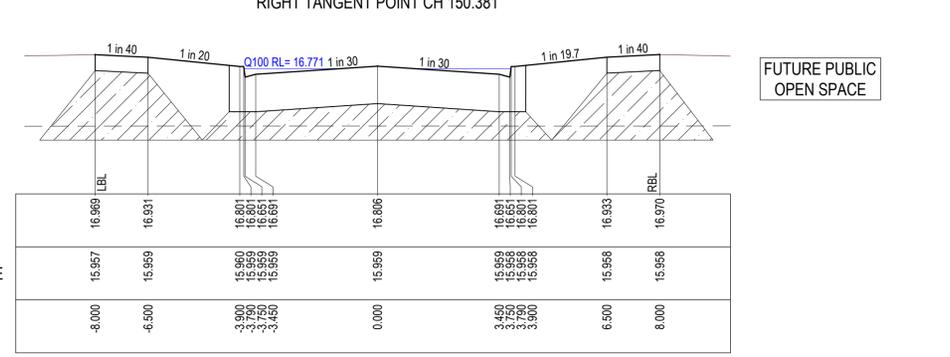
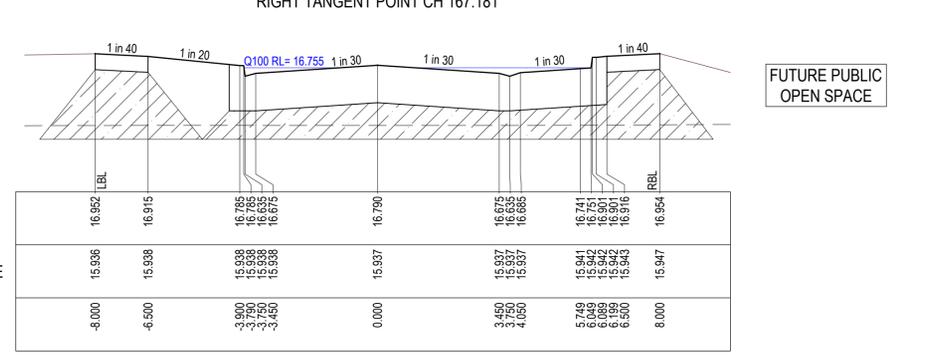
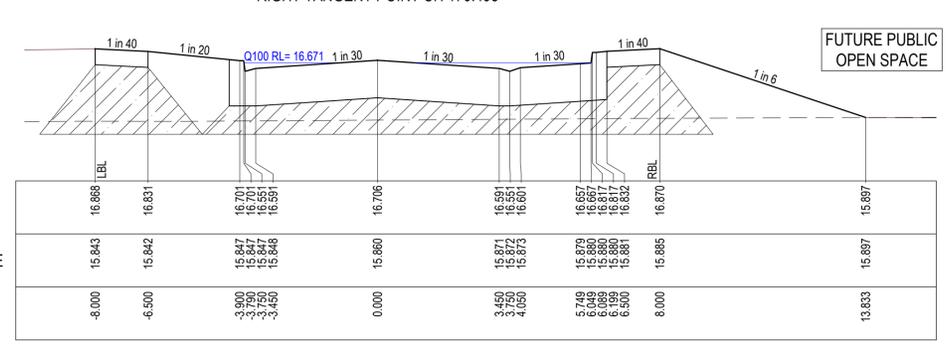
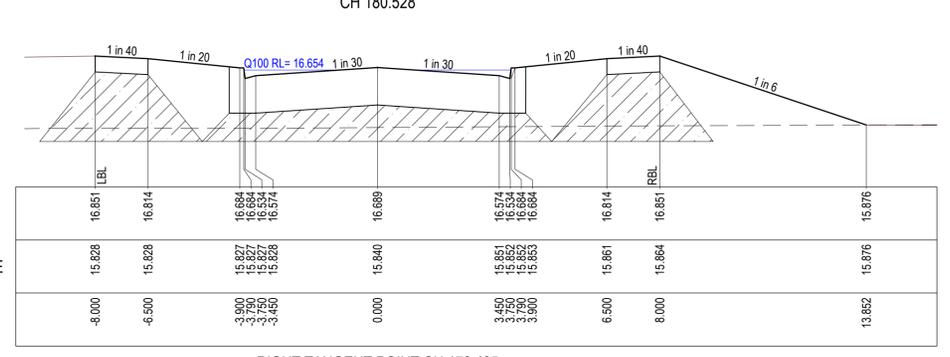
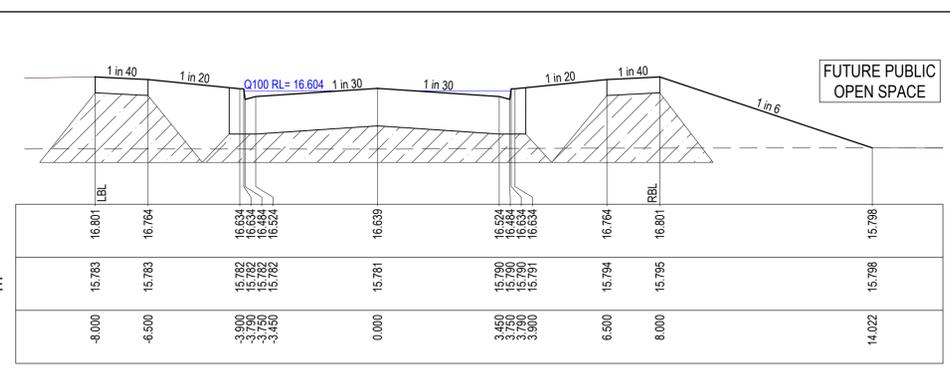
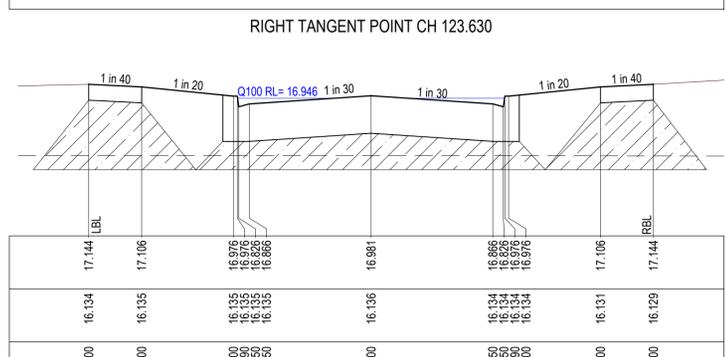
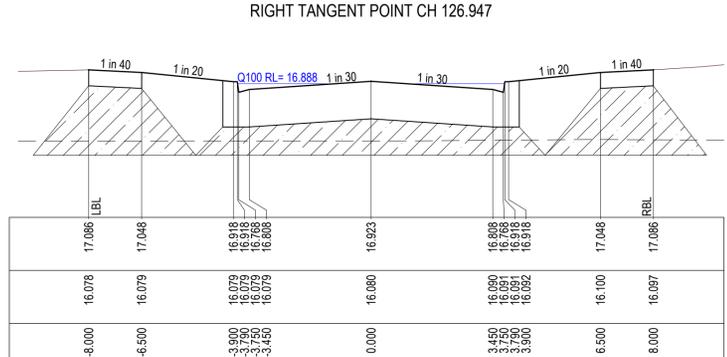
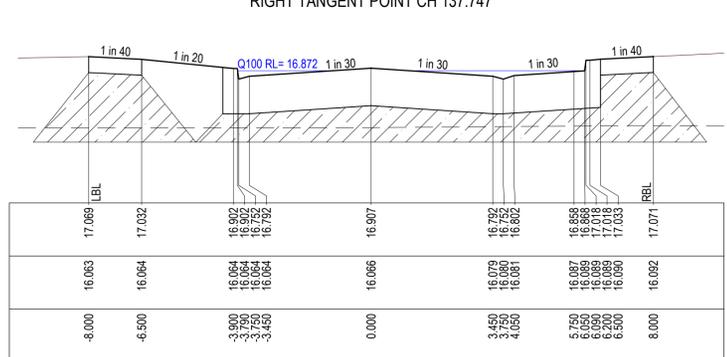
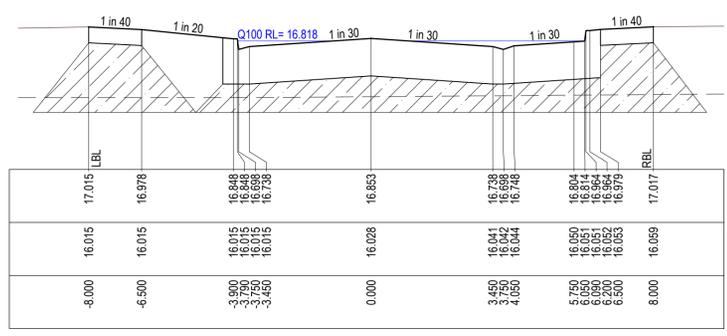
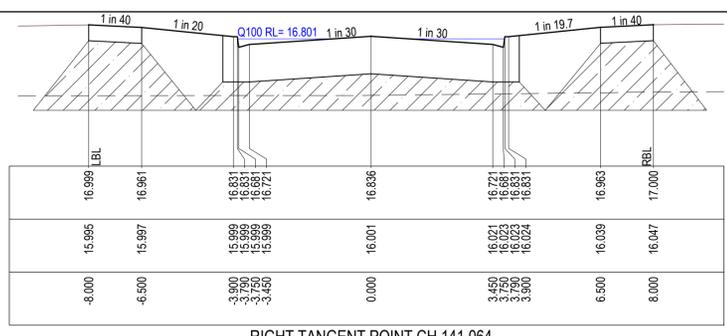
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**LEGEND**

- EXISTING SURFACE
- DESIGN LINE
- Q100 LEVEL
- ▨ SELECT FILL



*Braden Leech* 23/08/24  
 SIGNED (CONSULTANT)  
*R* Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
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A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE

CLIENT

Communities Designed for Living

creo CONSULTANTS

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

PROJECT

LARA

DRAWING TITLE

**CORIDALE ESTATE - STAGE 11  
 ROAD CROSS SECTIONS - 10  
 MEADOW STREET - 1**

PLANNING PERMIT No: PP-496-2018

STATUS

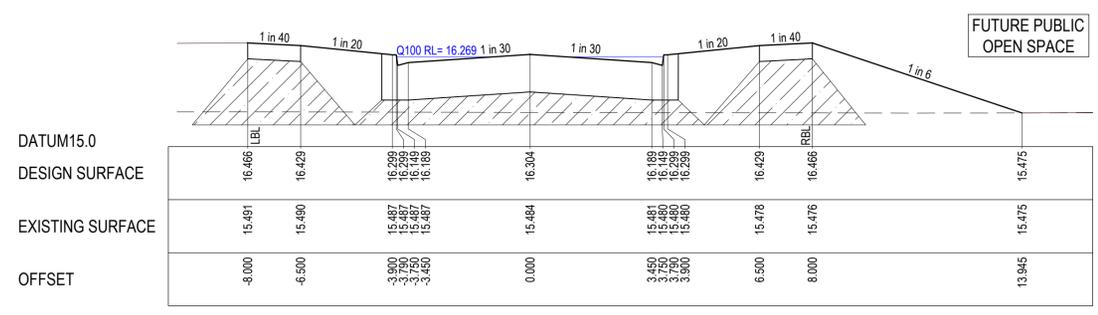
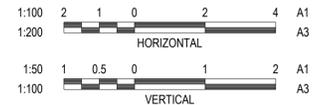
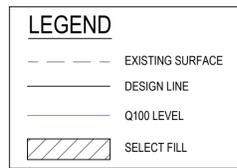
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>180014.11</b>	<b>R509</b>	<b>AC</b>

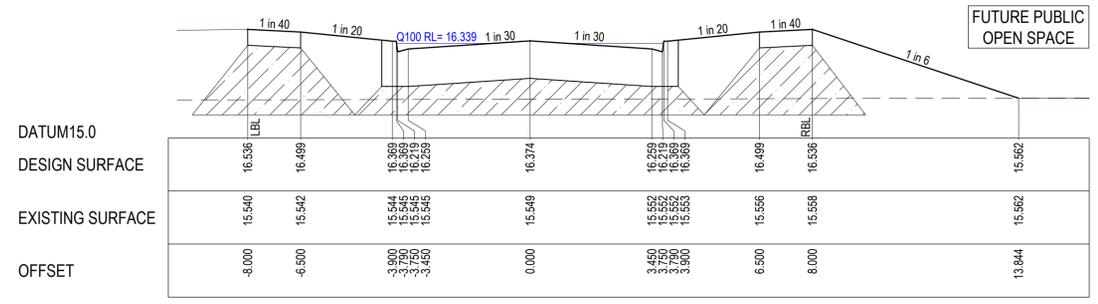
*Brad Leech* 23/08/24  
 SIGNED (CONSULTANT) Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)

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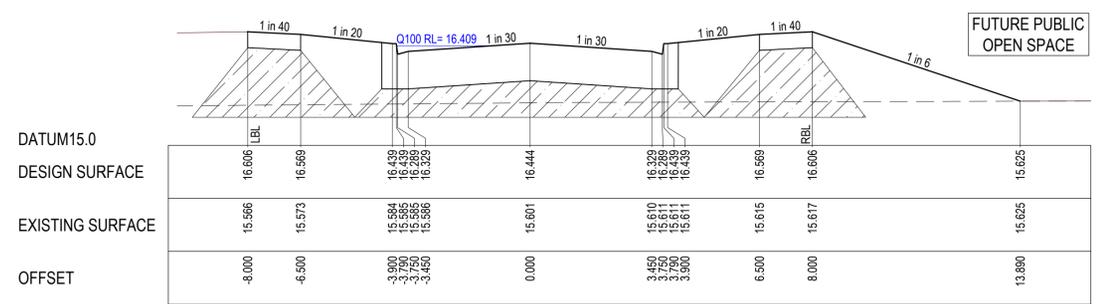
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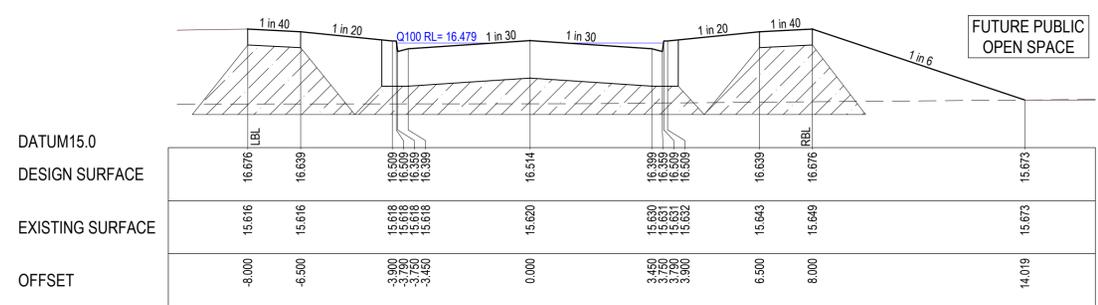
CH 247.528



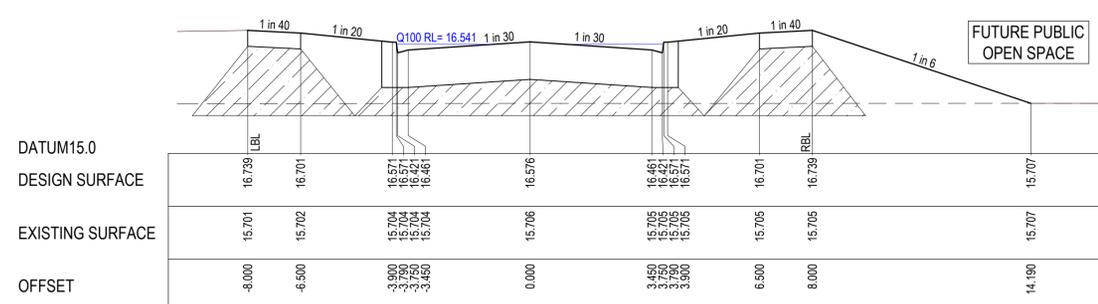
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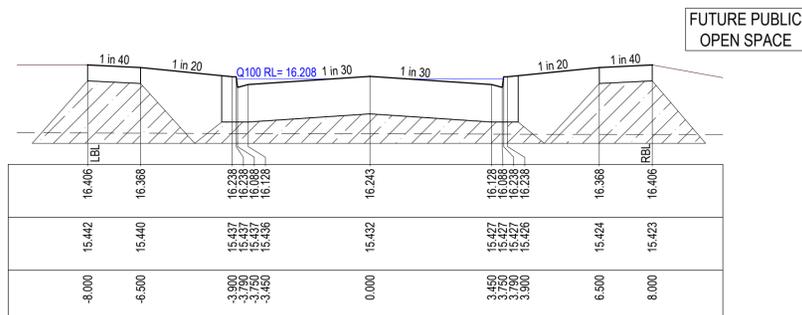
CH 219.528



CH 205.528



CH 193.028



CH 259.648

P:\2018\80014\_205-245 CHALLONERS RD\_LARA\8014\_11\CIVIL\2\_DRAFTING\AD\DETAILED DESIGN\8014\_11\_R00 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.RHODE	M.TROUNCE



**CORIDALE ESTATE - STAGE 11**  
**ROAD CROSS SECTIONS - 11**  
**MEADOW STREET - 2**

PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R510</b>	<b>AC</b>

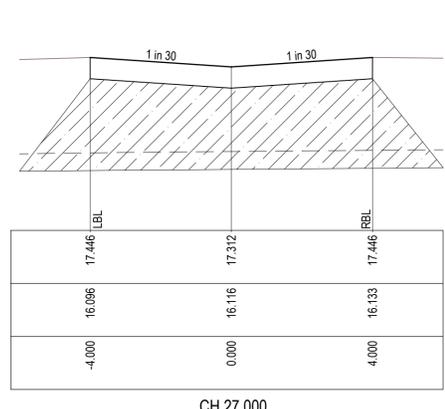
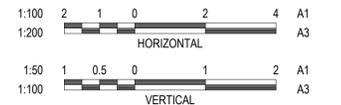
*Brad Leech* 23/08/24  
 SIGNED (CONSULTANT)  
  
 SIGNED (CONTRACTOR)

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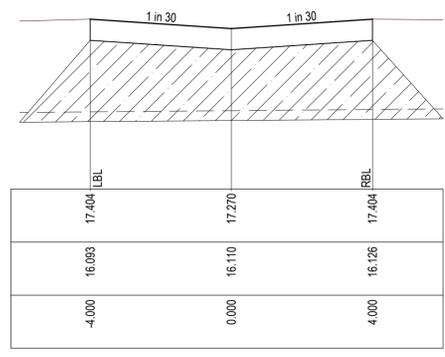
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	EXISTING SURFACE
	DESIGN LINE
	Q100 LEVEL
	SELECT FILL



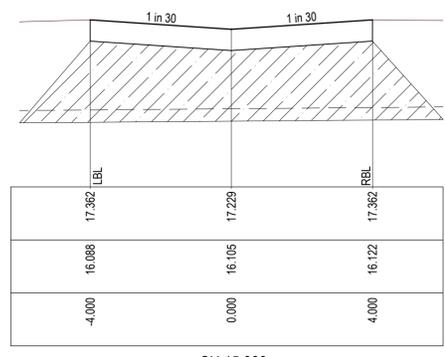
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CH 27.000



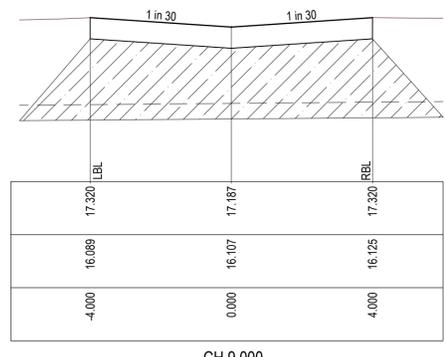
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CH 21.000



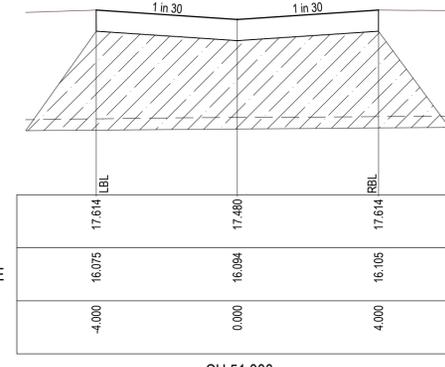
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CH 15.000



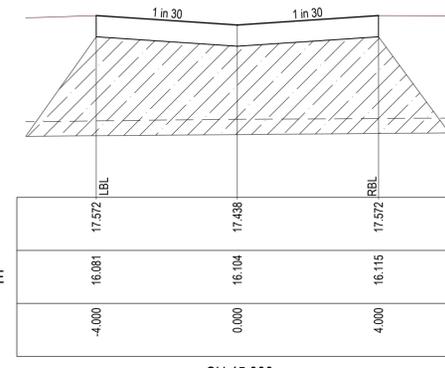
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CH 9.000



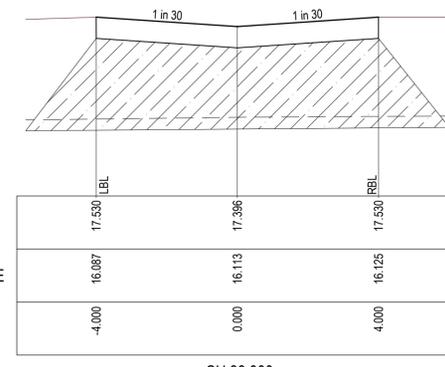
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CH 51.000



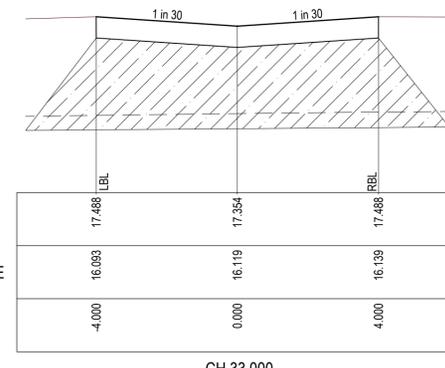
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CH 45.000



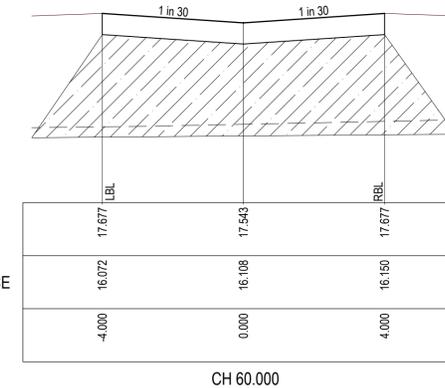
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CH 39.000



DATUM15.0  
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CH 33.000



DATUM15.0  
 DESIGN SURFACE  
 EXISTING SURFACE  
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CH 60.000

P:\2018\80014\_205-245 CHALLOWAYS RD\_LARA\8014\_11\CIVIL\2\_DRAFTING\AD\DETAILED DESIGN\8014\_11\_R00 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
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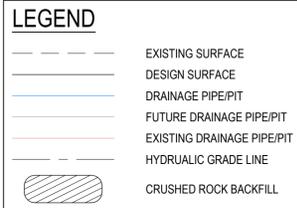
**CORIDALE ESTATE - STAGE 11**  
**ROAD CROSS SECTIONS - 12**  
**ORION LANE - 1**  
 PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R511</b>	<b>AC</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:
    - BENEATH DRIVEWAY CROSSOVERS 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% STABILISED SAND, 300mm ABOVE TOP OF PIPE

**DRAINAGE 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.



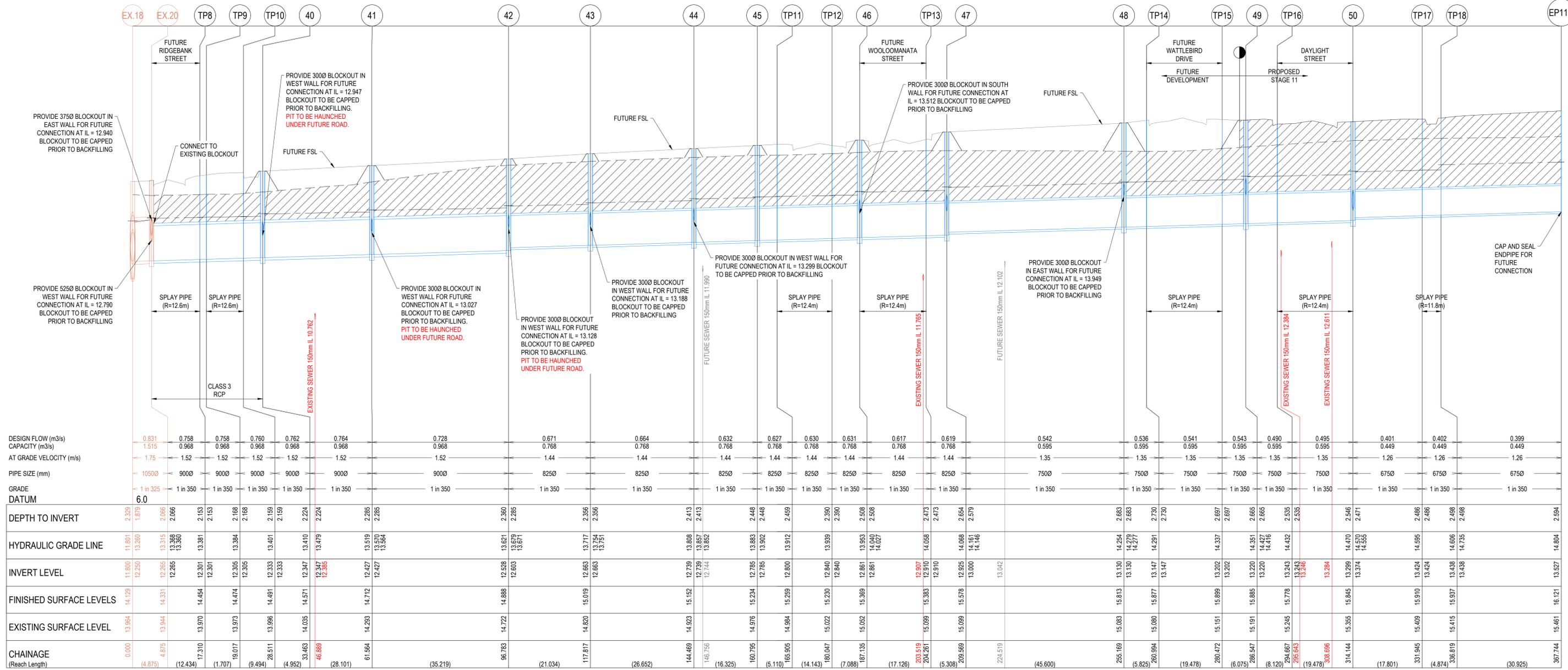
**NOTE:**  
 PIT COVERS ARE TO BE PROVIDED IN ACCORDANCE WITH CITY OF GREATER GEELONG DESIGN NOTE 13. ALL PITS WITHIN ROAD RESERVE ARE TO BE CLASS C FIBREGLASS REINFORCED PLASTIC (FRP) UNLESS AGREED OTHERWISE.

**NOTE:**  
 ALL FIBREGLASS REINFORCED PLASTIC (FRP) PIT COVERS ARE TO BE GREY UNLESS OTHERWISE APPROVED BY THE SUPERINTENDENT.

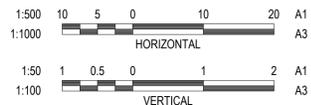
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 www.1100.com.au

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

*Bradley Leech* 23/08/24  
 SIGNED (CONSULTANT)  
 Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)



**NOTE:**  
 PITS 40 TO 48 TO BE CONSTRUCTED TO FINISHED SURFACE LEVELS. CONTRACTOR TO PROVIDE A 1m RADIUS FREE DRAINING SURFACE AROUND EACH PIT TO FINISHED SURFACE LEVELS AND BATTER AT 1:6 BACK TO EXISTING SURFACE. PITS TO BE FITTED WITH TEMPORARY COVERS UNTIL FUTURE WORKS HAVE COMMENCED. REFER DETAIL 1 SHEET R700.



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE

**villawood properties**  
 Communities Designed for Living

**creo CONSULTANTS**  
 Suite 1, 2 Bloombsury Street  
 Geelong, VIC, Australia 3220

**Coridale**  
 LARA

**CORIDALE ESTATE - STAGE 11**  
**DRAINAGE LONG SECTIONS - 1**  
 PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

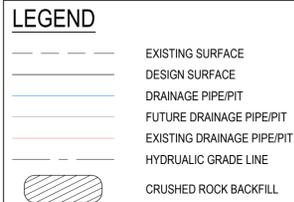
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
180014.11	R600	AC

P:2018/08014\_205-245 CHALLENGERS RD LARA/18014\_11/000 - DRAINAGE LONG SECTIONS.DWG



- 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 CROSSOVERS TO THE UNDERSIDE OF THE PAVEMENT OR CROSSOVER.
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  - 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

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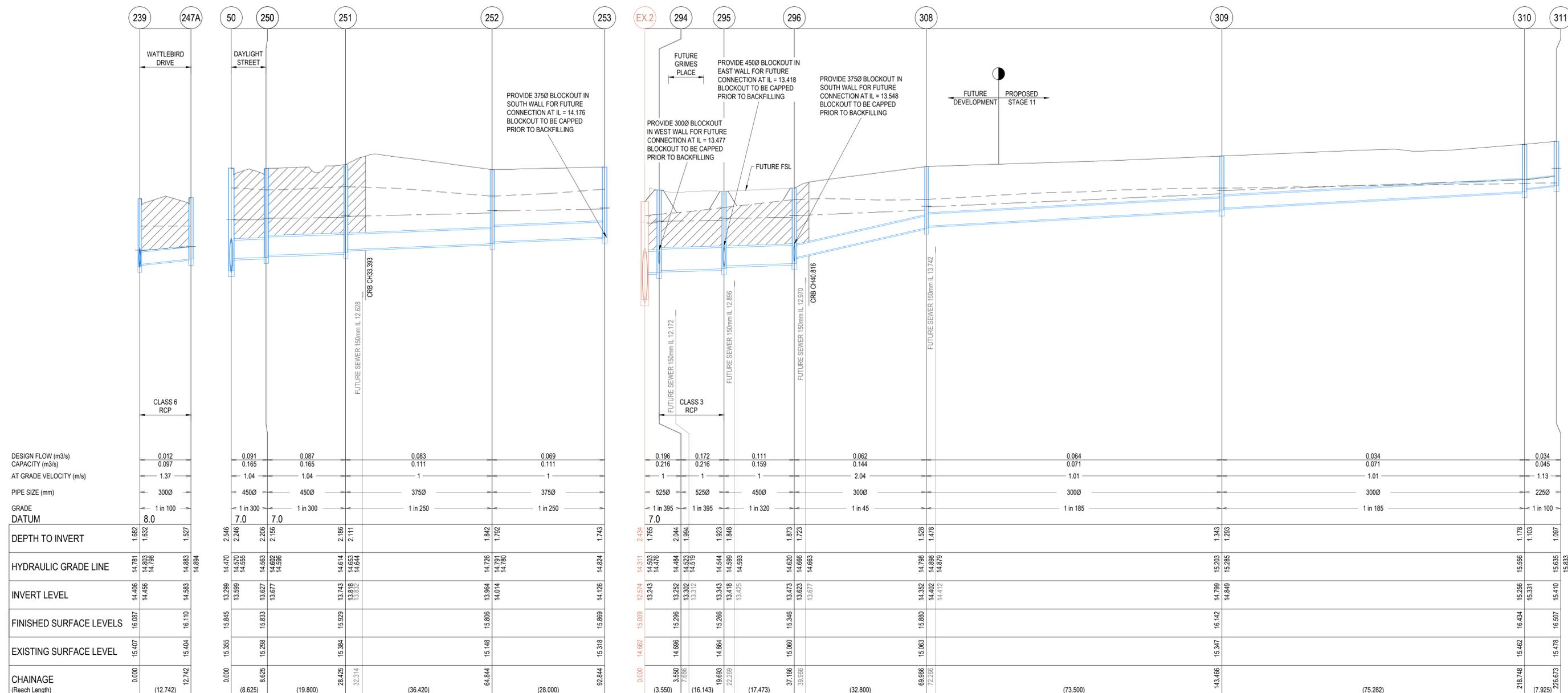
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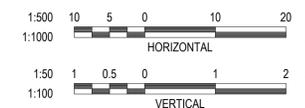
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CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

*Braden Leech* 23/08/24  
 SIGNED (CONSULTANT) Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)



**NOTE:**  
 PITS 294 TO 308 TO BE CONSTRUCTED TO FINISHED SURFACE LEVELS. CONTRACTOR TO PROVIDE A 1m RADIUS FREE DRAINING SURFACE AROUND EACH PIT TO FINISHED SURFACE LEVELS AND BATTER AT 1:6 BACK TO EXISTING SURFACE. PITS TO BE FITTED WITH TEMPORARY COVERS UNTIL FUTURE WORKS HAVE COMMENCED. REFER DETAIL 1 SHEET R700.



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
O	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



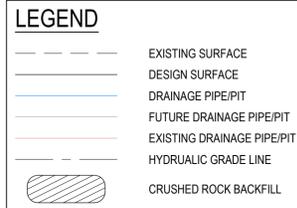
**CORIDALE ESTATE - STAGE 11**  
**DRAINAGE LONG SECTIONS - 3**  
 PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R602</b>	<b>AC</b>

- NOTES**
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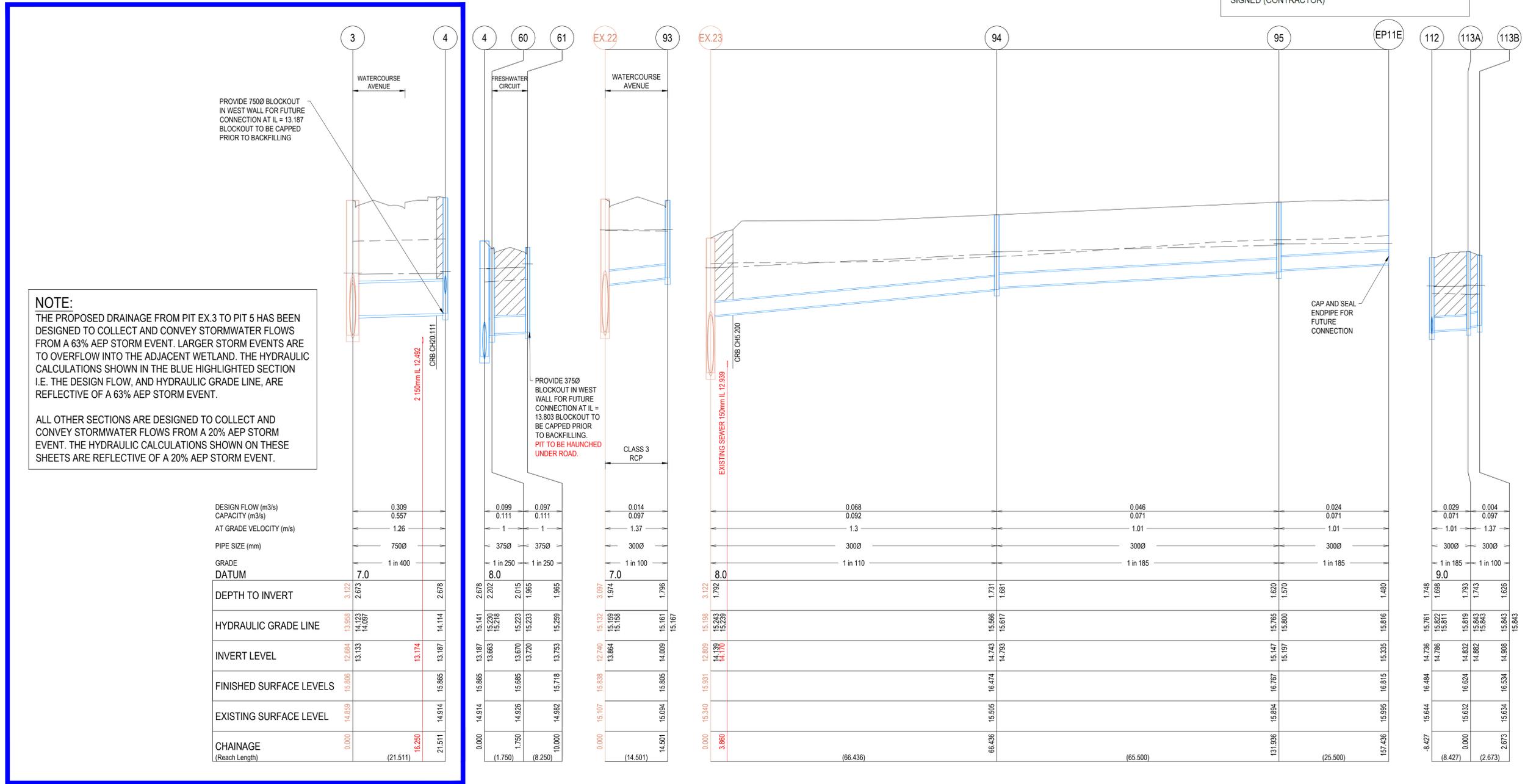
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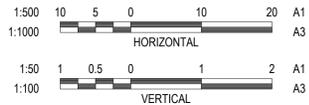
CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

*Brad Leech* 23/08/24  
 SIGNED (CONSULTANT)  
*R* Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)



**NOTE:**  
 THE PROPOSED DRAINAGE FROM PIT EX.3 TO PIT 5 HAS BEEN DESIGNED TO COLLECT AND CONVEY STORMWATER FLOWS FROM A 63% AEP STORM EVENT. LARGER STORM EVENTS ARE TO OVERFLOW INTO THE ADJACENT WETLAND. THE HYDRAULIC CALCULATIONS SHOWN IN THE BLUE HIGHLIGHTED SECTION I.E. THE DESIGN FLOW, AND HYDRAULIC GRADE LINE, ARE REFLECTIVE OF A 63% AEP STORM EVENT.

ALL OTHER SECTIONS ARE DESIGNED TO COLLECT AND CONVEY STORMWATER FLOWS FROM A 20% AEP STORM EVENT. THE HYDRAULIC CALCULATIONS SHOWN ON THESE SHEETS ARE REFLECTIVE OF A 20% AEP STORM EVENT.



P:\2018\80014\_205-245 CHALLOWAYS RD\_LARA\80014\_11-R600-DRAINAGE\LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



**CORIDALE ESTATE - STAGE 11**  
**DRAINAGE LONG SECTIONS - 4**

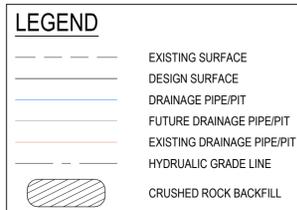
PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>180014.11</b>	<b>R603</b>	<b>AC</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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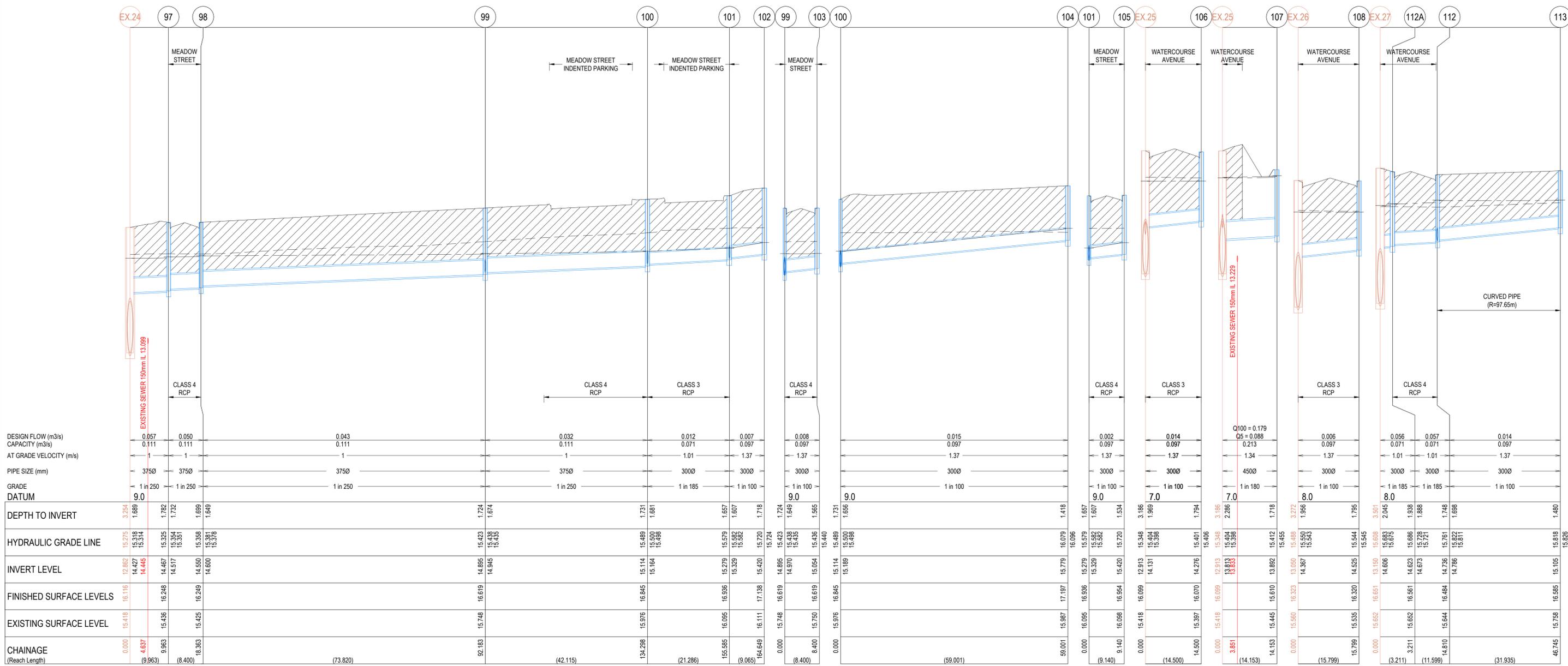
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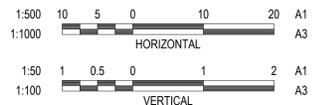
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*Brad Leech* 23/08/24  
 SIGNED (CONSULTANT) Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)



**NOTE:**  
 CONTRACTOR TO PROVIDE A 1m RADIUS FREE DRAINING SURFACE AROUND PIT 107 TO TOP OF PIT LEVELS AND BATTER AT 1:6 BACK TO EXISTING SURFACE.



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



**CORIDALE ESTATE - STAGE 11**  
**DRAINAGE LONG SECTIONS - 5**  
 PLANNING PERMIT No: PP-496-2018

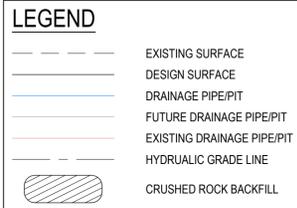
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
180014.11	R604	AC

P:\2018\80014\_205-245 CHALLOWAYS RD\_LARA\80014\_11-R604\_DRAINAGE LONG SECTIONS.DWG

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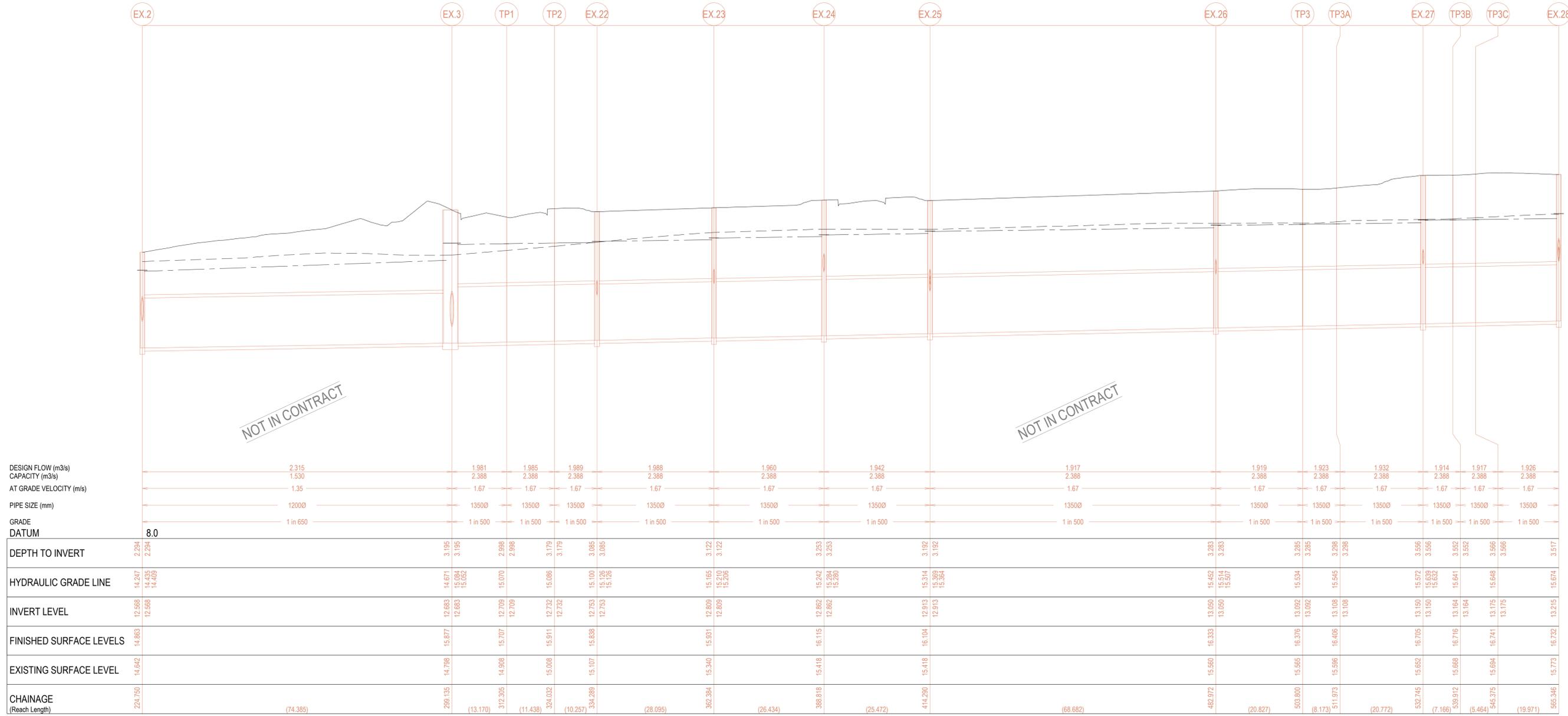
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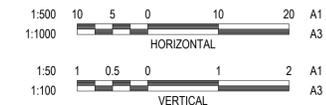
**NOTE:**  
 IN ACCORDANCE WITH C.O.G.G DESIGN NOTE 8 (DATED JANUARY 2020) EXISTING DRAINAGE LOCATED WITHIN PROPOSED STAGE WORKS ARE REQUIRED TO BE RE-CCTVD TO CONFIRM NO CONSEQUENTIAL DAMAGE HAS OCCURRED.

*Braden Leech* 23/08/24  
 SIGNED (CONSULTANT)  
*R* Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)



NOT IN CONTRACT

NOT IN CONTRACT



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A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE

**villawood properties**  
 Communities Designed for Living

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

**Coridale**  
 LARA

**CORIDALE ESTATE - STAGE 11**  
**DRAINAGE LONG SECTIONS - 6**  
 PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

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PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R605</b>	<b>AC</b>

P:\2018\80014\_205-245 CHALLOWAYS RD\_LARA\8014\_11-RR00\_DRAINAGE LONG SECTIONS.DWG

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**PIT SCHEDULE**

PIT NAME	TYPE	INTERNAL		INLET		OUTLET		F.S.L. (m)	DEPTH (m)	STANDARD DRAWING	REMARKS
		WIDTH (mm)	LENGTH (mm)	DIAMETER (mm)	INVERT R.L.(m)	DIAMETER (mm)	INVERT R.L.(m)				
EX.2	EX. JUNCTION PIT	EX.1650	EX.900	EX.1200	12.574	EX.1200	12.574	14.946	2.371	IDM SD420	PROVIDE PERMANENT PIT COVER.
				525	13.243					-	CONNECT TO EXISTING BLOCKOUT. MAKE GOOD CONNECTION.
TPA	TANGENT POINT	-	-	1200	12.580	1200	12.580	15.060	2.480	-	
TPB	TANGENT POINT	-	-	1200	12.648	1200	12.648	15.801	3.152	-	
EX.3	EX. DOUBLE SIDE ENTRY PIT	EX.2700	EX.3500	EX.1350	12.684	EX.1200	12.684	15.834	3.150	IDM SD445	PROVIDE PERMANENT PIT COVER.
				750	13.133					-	CONNECT TO EXISTING BLOCKOUT. MAKE GOOD CONNECTION.
4	JUNCTION PIT	1200	900	750	13.187	FUT. 750	13.187	15.865	2.678	IDM SD420 & 410	HAUNCHED TO 600x900 COVER. PROVIDE 750Ø BLOCKOUT IN WEST WALL FOR FUTURE CONNECTION AT IL = 13.187.
				375	13.663					-	
EX.20	EX. DOUBLE SIDE ENTRY PIT	EX.900	EX.1900	EX.900	12.265	EX.1050	12.265	14.331	2.066	IDM SD430	PROVIDE PERMANENT PIT COVER.
				FUT. 525	12.790					-	PROVIDE 525Ø BLOCKOUT IN WEST WALL FOR FUTURE CONNECTION AT IL = 12.790
				FUT. 375	12.940					-	PROVIDE 375Ø BLOCKOUT IN EAST WALL FOR FUTURE CONNECTION AT IL = 12.940
EX.22	EX. SIDE ENTRY PIT	EX.1800	EX.900	EX.1350	12.753	EX.1350	12.740	15.837	3.097	IDM SD430	PROVIDE PERMANENT PIT COVER.
				300	13.864					-	CONNECT TO EXISTING BLOCKOUT. MAKE GOOD CONNECTION.
EX.23	EX. SIDE ENTRY PIT	EX.1800	EX.900	EX.1350	12.809	EX.1350	12.809	15.931	3.122	IDM SD430	PROVIDE PERMANENT PIT COVER.
				300	14.139					-	CONNECT TO EXISTING BLOCKOUT. MAKE GOOD CONNECTION.
EX.24	EX. JUNCTION PIT	EX.1800	EX.900	EX.1350	12.862	EX.1350	12.862	16.094	3.232	IDM SD420	PROVIDE PERMANENT PIT COVER.
				375	14.427					-	CONNECT TO EXISTING BLOCKOUT. MAKE GOOD CONNECTION.
EX.25	EX. SIDE ENTRY PIT	EX.1800	EX.900	EX.1350	12.913	EX.1350	12.913	16.105	3.192	IDM SD430	PROVIDE PERMANENT PIT COVER.
				300	14.131					-	CONNECT TO EXISTING BLOCKOUT. MAKE GOOD CONNECTION.
				300	13.963					-	CONNECT TO EXISTING BLOCKOUT. MAKE GOOD CONNECTION.
EX.26	EX. SIDE ENTRY PIT	EX.1800	EX.900	EX.1350	13.050	EX.1350	13.050	16.333	3.283	IDM SD430	PROVIDE PERMANENT PIT COVER.
				300	14.367					-	CONNECT TO EXISTING BLOCKOUT. MAKE GOOD CONNECTION.
EX.27	EX. JUNCTION PIT	EX.1800	EX.900	EX.1350	13.150	EX.1350	13.150	16.514	3.364	IDM SD420	PROVIDE PERMANENT PIT COVER.
				300	14.605					-	CONNECT TO EXISTING BLOCKOUT. MAKE GOOD CONNECTION.
EX.28	EX. JUNCTION PIT	EX.1800	EX.900	EX.1350	13.215	EX.1350	13.215	16.810	3.595	IDM SD420	PROVIDE PERMANENT PIT COVER.
				300	14.668					-	CONNECT TO EXISTING BLOCKOUT. MAKE GOOD CONNECTION.
				450	14.713					-	CONNECT TO EXISTING BLOCKOUT. MAKE GOOD CONNECTION.
TP8	TANGENT POINT	-	-	900	12.301	900	12.301	14.454	2.153	-	IN ACCORDANCE WITH HUMES CONCRETE PIPE SPECIFICATIONS. DEFLECTION = 56°, RADIUS = 12.6m.
TP9	TANGENT POINT	-	-	900	12.305	900	12.305	14.474	2.168	-	IN ACCORDANCE WITH HUMES CONCRETE PIPE SPECIFICATIONS. DEFLECTION = 56°, RADIUS = 12.6m.
TP10	TANGENT POINT	-	-	900	12.333	900	12.333	14.491	2.159	-	IN ACCORDANCE WITH HUMES CONCRETE PIPE SPECIFICATIONS. DEFLECTION = 43°, RADIUS = 12.6m.
40	SIDE ENTRY PIT	1200	900	900	12.347	900	12.347	14.571	2.224	IDM SD430 & 410	HAUNCHED TO 600x900 COVER UNDER FUTURE ROAD.
				FUT. 300	12.947					-	PROVIDE 300Ø BLOCKOUT IN WEST WALL FOR FUTURE CONNECTION AT IL = 12.947.
41	SIDE ENTRY PIT	1200	900	900	12.427	900	12.427	14.712	2.285	IDM SD430 & 410	HAUNCHED TO 600x900 COVER UNDER FUTURE ROAD.
				FUT. 300	13.027					-	PROVIDE 300Ø BLOCKOUT IN WEST WALL FOR FUTURE CONNECTION AT IL = 13.027.
42	SIDE ENTRY PIT	1200	900	825	12.603	900	12.528	14.888	2.360	IDM SD430 & 410	HAUNCHED TO 600x900 COVER UNDER FUTURE ROAD.
				FUT. 300	13.128					-	PROVIDE 300Ø BLOCKOUT IN WEST WALL FOR FUTURE CONNECTION AT IL = 13.128.
43	SIDE ENTRY PIT	1050	900	825	12.663	825	12.663	15.019	2.356	IDM SD430 & 410	HAUNCHED TO 600x900 COVER.
				FUT. 300	13.188					-	PROVIDE 300Ø BLOCKOUT IN WEST WALL FOR FUTURE CONNECTION AT IL = 13.188.
44	SIDE ENTRY PIT	1050	900	825	12.739	825	12.739	15.152	2.413	IDM SD430 & 410	HAUNCHED TO 600x900 COVER.
				FUT. 300	13.299					-	PROVIDE 300Ø BLOCKOUT IN WEST WALL FOR FUTURE CONNECTION AT IL = 13.299.
45	SIDE ENTRY PIT	1050	900	825	12.785	825	12.785	15.234	2.448	IDM SD430 & 410	HAUNCHED TO 600x900 COVER.
TP11	TANGENT POINT	-	-	825	12.800	825	12.800	15.259	2.459	-	IN ACCORDANCE WITH HUMES CONCRETE PIPE SPECIFICATIONS. DEFLECTION = 65°, RADIUS = 12.4m.
TP12	TANGENT POINT	-	-	825	12.840	825	12.840	15.230	2.390	-	IN ACCORDANCE WITH HUMES CONCRETE PIPE SPECIFICATIONS. DEFLECTION = 65°, RADIUS = 12.4m.
46	SIDE ENTRY PIT	1050	900	825	12.861	825	12.861	15.369	2.508	IDM SD430 & 410	HAUNCHED TO 600x900 COVER.
				FUT. 300	13.512					-	PROVIDE 300Ø BLOCKOUT IN SOUTH WALL FOR FUTURE CONNECTION AT IL = 13.512.
TP13	TANGENT POINT	-	-	825	12.910	825	12.910	15.383	2.473	IDM SD430 & 410	IN ACCORDANCE WITH HUMES CONCRETE PIPE SPECIFICATIONS. DEFLECTION = 79°, RADIUS = 12.4m.
47	SIDE ENTRY PIT	1050	900	750	13.000	825	12.925	15.578	2.654	IDM SD430 & 410	HAUNCHED TO 600x900 COVER.
				375	13.562					-	
48	SIDE ENTRY PIT	1050	900	750	13.130	750	13.130	15.813	2.683	IDM SD430 & 410	HAUNCHED TO 600x900 COVER.
				FUT. 300	13.949					-	PROVIDE 300Ø BLOCKOUT IN EAST WALL FOR FUTURE CONNECTION AT IL = 13.949.
TP14	TANGENT POINT	-	-	750	13.147	750	13.147	15.877	2.730	IDM SD430	IN ACCORDANCE WITH HUMES CONCRETE PIPE SPECIFICATIONS. DEFLECTION = 90°, RADIUS = 12.4m.
TP15	TANGENT POINT	-	-	750	13.202	750	13.202	15.899	2.697	IDM SD430	IN ACCORDANCE WITH HUMES CONCRETE PIPE SPECIFICATIONS. DEFLECTION = 90°, RADIUS = 12.4m.
49	SIDE ENTRY PIT	1050	900	750	13.220	750	13.220	15.885	2.665	IDM SD430 & 410	HAUNCHED TO 600x900 COVER.
				375	13.982					-	
TP16	TANGENT POINT	-	-	750	13.243	750	13.243	15.777	2.534	IDM SD430	IN ACCORDANCE WITH HUMES CONCRETE PIPE SPECIFICATIONS. DEFLECTION = 90°, RADIUS = 12.4m.
50	DOUBLE SIDE ENTRY PIT	1050	1900	675	13.374	750	13.299	15.845	2.546	IDM SD445 & 410	HAUNCHED TO 2No. 600x900 COVER.
				450	13.599					-	
TP17	TANGENT POINT	-	-	675	13.424	675	13.424	15.910	2.486	-	IN ACCORDANCE WITH HUMES CONCRETE PIPE SPECIFICATIONS. DEFLECTION = 24°, RADIUS = 11.800m.
TP18	TANGENT POINT	-	-	675	13.438	675	13.438	15.937	2.498	-	IN ACCORDANCE WITH HUMES CONCRETE PIPE SPECIFICATIONS. DEFLECTION = 24°, RADIUS = 11.800m.
EP11D	ENDPIPE	-	-	FUT. 675	13.527	675	13.527	16.121	2.594	-	CAP AND SEAL ENDPIPE FOR FUTURE CONNECTION.

*Brad Leech* 23/08/24  
SIGNED (CONSULTANT)  
*R* Ryan Lunn  
Winslow Constructors  
23/08/24  
SIGNED (CONTRACTOR)

P:\2018\80014\_205-245 CHALLOWAYS RD\_LARA\8014\_11-R600\_DRAINAGE LONGITUDINAL SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
1	21/11/23	PIT SCHEDULE AMENDED	I.HOGAN	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE

**villawood**  
properties  
Communities Designed for Living

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

**Coridale**  
LARA

DRAWING TITLE  
**CORIDALE ESTATE - STAGE 11**  
**PIT SCHEDULE - 1**  
  
PLANNING PERMIT No: PP-496-2018

STATUS  
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>180014.11</b>	<b>R606</b>	<b>AC</b>

**NOTE:**  
ALL FIBREGLASS REINFORCED PLASTIC (FRP) PIT COVERS ARE TO BE GREY UNLESS OTHERWISE APPROVED BY THE SUPERINTENDENT.

**NOTE:**  
PIT COVERS ARE TO BE PROVIDED IN ACCORDANCE WITH CITY OF GREATER GEELONG DESIGN NOTE 13. ALL PITS WITHIN ROAD RESERVE ARE TO BE CLASS C FIBREGLASS REINFORCED PLASTIC (FRP) UNLESS AGREED OTHERWISE.

**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

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

**PIT SCHEDULE**

PIT NAME	TYPE	INTERNAL		INLET		OUTLET		F.S.L. (m)	DEPTH (m)	STANDARD DRAWING	REMARKS
		WIDTH (mm)	LENGTH (mm)	DIAMETER (mm)	INVERT R.L.(m)	DIAMETER (mm)	INVERT R.L.(m)				
60	DOUBLE SIDE ENTRY PIT	900	1900	375	13.720	375	13.670	15.685	2.015	IDM SD445 & 410	HAUNCHED TO 2No. 600x900 COVER.
61	DOUBLE SIDE ENTRY PIT	900	1900	FUT. 375	13.803	375	13.753	15.718	1.965	IDM SD445 & 410	HAUNCHED TO 2No. 600x900 COVER. UNDER ROAD. PROVIDE 375Ø BLOCKOUT IN WEST WALL FOR FUTURE CONNECTION AT IL = 13.803.
93	SIDE ENTRY PIT	600	900			300	14.009	15.805	1.796	IDM SD430	
94	JUNCTION PIT	600	900	300	14.793	300	14.743	16.474	1.731	IDM SD420	
95	JUNCTION PIT	600	900	300	15.197	300	15.147	16.767	1.620	IDM SD420	
EP11E	ENDPIPE			300	15.335	300	15.335	16.815	1.480	IDM SD430	CAP AND SEAL ENDPIPE FOR FUTURE CONNECTION.
97	SIDE ENTRY PIT	600	900	FUT. 375	14.517	375	14.467	16.248	1.782	IDM SD430	
98	SIDE ENTRY PIT	600	900	375	14.600	375	14.550	16.249	1.699	IDM SD430	
99	SIDE ENTRY PIT	600	900	375	14.945	375	14.895	16.619	1.724	IDM SD430	
				300	14.970						
100	JUNCTION PIT	600	900	300	15.164	375	15.114	16.845	1.731	IDM SD420	
				300	15.189						
101	SIDE ENTRY PIT	600	900	300	15.329	300	15.279	16.936	1.657	IDM SD430	
				300	15.329						
102	GRADED PIT	600	900			300	15.420	17.138	1.718	IDM SD420	PIT TO BE PROVIDED WITH HEAVY DUTY, CLASS D, BIKE SAFE, INVERTED GRADED COVER.
103	SIDE ENTRY PIT	600	900			300	15.054	16.619	1.565	IDM SD430	
104	JUNCTION PIT	600	900			300	15.779	17.197	1.418	IDM SD420	
105	SIDE ENTRY PIT	600	900			300	15.420	16.954	1.534	IDM SD430	
106	SIDE ENTRY PIT	600	900			300	14.276	16.070	1.794	IDM SD430	
107	DEPRESSED GRADED PIT	600	900			450	13.892	15.610	1.718	IDM455	
108	SIDE ENTRY PIT	600	900			300	14.525	16.320	1.795	IDM SD 425	
112A	SIDE ENTRY PIT	900	900	300	14.673	300	14.623	16.561	1.938	IDM SD430 & 410	HAUNCHED TO 600x900 COVER.
112	SIDE ENTRY PIT	600	900	300	14.786	300	14.736	16.484	1.748	IDM SD430	
				300	14.786						
113	SIDE ENTRY PIT	600	900			300	15.105	16.585	1.480	IDM SD430	
113A	SIDE ENTRY PIT	600	900	300	14.882	300	14.832	16.624	1.793	IDM SD420	
113B	SIDE ENTRY PIT	600	900			300	14.908	16.534	1.626	IDM SD430	
234	SIDE ENTRY PIT	900	900	375	13.646	375	13.596	15.567	1.971	IDM SD430 & 410	HAUNCHED TO 600x900 COVER.
				FUT. 300	13.896						PROVIDE 300Ø BLOCKOUT IN SOUTH WALL FOR FUTURE CONNECTION AT IL = 13.896.
236	SIDE ENTRY PIT	600	900	375	14.072	375	14.022	15.822	1.799	IDM SD430	
237	SIDE ENTRY PIT	600	900	375	14.199	375	14.149	15.918	1.769	IDM SD430	
238	SIDE ENTRY PIT	600	900	375	14.314	375	14.264	15.972	1.709	IDM SD430	
239	SIDE ENTRY PIT	600	900	300	14.574	375	14.406	16.087	1.682	IDM SD430	
				300	14.456						
240	JUNCTION PIT	600	900			300	15.073	16.611	1.538	IDM SD420	
241	SIDE ENTRY PIT	600	900	375	13.746	375	13.696	15.495	1.799	IDM SD430	
				FUT. 300	13.771						PROVIDE 300Ø BLOCKOUT IN NORTH WALL FOR FUTURE CONNECTION AT IL = 13.771.
243	SIDE ENTRY PIT	600	900	300	14.073	375	13.998	15.797	1.799	IDM SD430	
243A	GRADED PIT	600	900	300	14.189	300	14.139	15.781	1.643	IDM SD420	PIT TO BE PROVIDED WITH TEMPORARY COVER. PIT TO BE PROVIDED WITH HEAVY DUTY, CLASS D, BIKE SAFE, INVERTED GRADED COVER IN FUTURE STAGE 13 WORKS.
243B	GRADED PIT	600	900	300	14.367	300	14.317	15.948	1.631	IDM SD420	PIT TO BE PROVIDED WITH TEMPORARY COVER. PIT TO BE PROVIDED WITH HEAVY DUTY, CLASS D, BIKE SAFE, INVERTED GRADED COVER IN FUTURE STAGE 13 WORKS.
243C	JUNCTION PIT	600	900	225	14.514	300	14.439	16.064	1.626	IDM SD420	
				225	15.039						
243D	JUNCTION PIT	600	900			225	14.942	15.962	1.020	IDM SD420	
243E	JUNCTION PIT	600	900			225	15.175	16.302	1.127	IDM SD420	
247A	SIDE ENTRY PIT	600	900			300	14.583	16.110	1.527	IDM SD430	
250	DOUBLE SIDE ENTRY PIT	900	1900	450	13.677	450	13.627	15.833	2.206	IDM SD445 & 410	HAUNCHED TO 2No. 600x900 COVER.
251	SIDE ENTRY PIT	600	900	375	13.818	450	13.743	15.929	2.186	IDM SD430 & 410	HAUNCHED TO 600x900 COVER.
252	JUNCTION PIT	600	900	375	14.014	375	13.964	15.806	1.842	IDM SD420 & 410	HAUNCHED TO 600x900 COVER.
253	JUNCTION PIT	600	900	FUT. 375	14.176	375	14.126	15.869	1.743	IDM SD420	PROVIDE 375Ø BLOCKOUT IN SOUTH WALL FOR FUTURE CONNECTION AT IL = 14.176.
294	JUNCTION PIT	900	900	525	13.302	525	13.252	15.296	2.044	IDM SD420 & 410	HAUNCHED TO 600x900 COVER.
				FUT. 300	13.477						PROVIDE 300Ø BLOCKOUT IN WEST WALL FOR FUTURE CONNECTION AT IL = 13.477
295	SIDE ENTRY PIT	900	900	450	13.418	525	13.343	15.266	1.923	IDM SD430 & 410	HAUNCHED TO 600x900 COVER.
				FUT. 375	13.418						PROVIDE 375Ø BLOCKOUT IN EAST WALL FOR FUTURE CONNECTION AT IL = 13.418.
296	SIDE ENTRY PIT	900	900	300	13.623	450	13.473	15.346	1.873	IDM SD430 & 410	HAUNCHED TO 600x900 COVER.
				FUT. 375	13.548						PROVIDE 375Ø BLOCKOUT IN SOUTH WALL FOR FUTURE CONNECTION AT IL = 13.548.
308	JUNCTION PIT	600	900	300	14.402	300	14.352	15.880	1.528	IDM SD420	
309	JUNCTION PIT	600	900	300	14.849	300	14.799	16.142	1.343	IDM SD420	
310	JUNCTION PIT	600	900	225	15.331	300	15.256	16.434	1.178	IDM SD420	
311	JUNCTION PIT	600	900			225	15.410	16.507	1.097	IDM SD420	

*Bradon Leech* 23/08/24  
SIGNED (CONSULTANT)  
*R*  
SIGNED (CONTRACTOR)  
Ryan Lunn  
Winslow Constructors  
23/08/24

P:\2018\18014\_205-245 CHALLOWAYS RD\_LARA\18014\_11-1800 - DRAINAGE LONGITUDINAL SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
1	21/11/23	PIT SCHEDULE AMENDED	I.HOGAN	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.OL	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE

CLIENT  
**villawood properties**  
Communities Designed for Living

PROJECT  
**creo CONSULTANTS**  
Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

PROJECT  
**Coridale**  
LARA

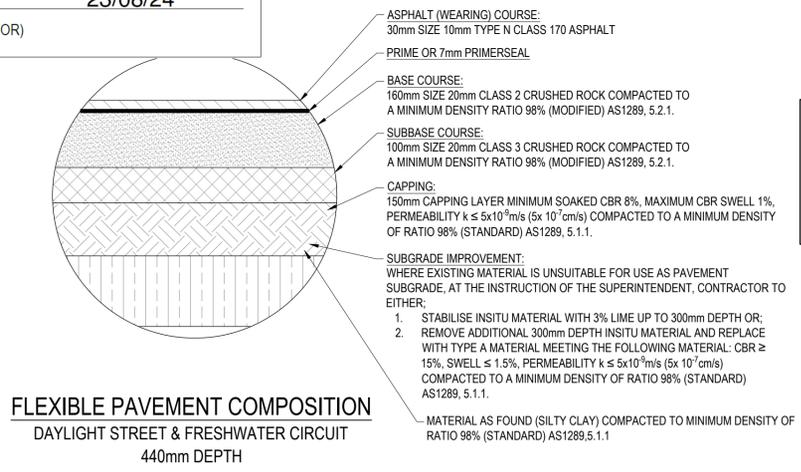
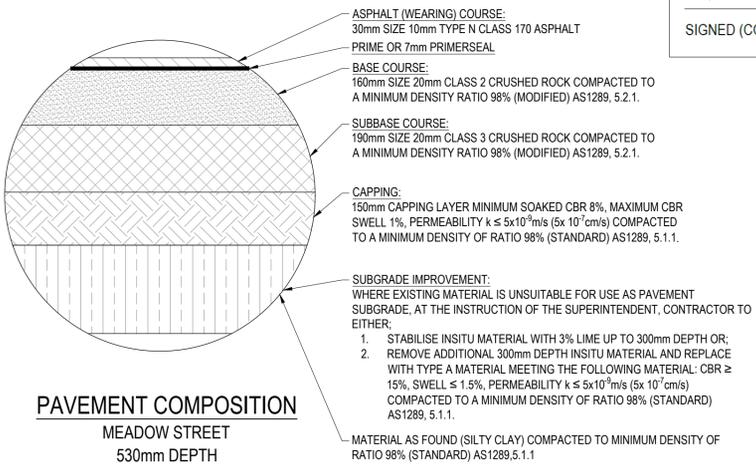
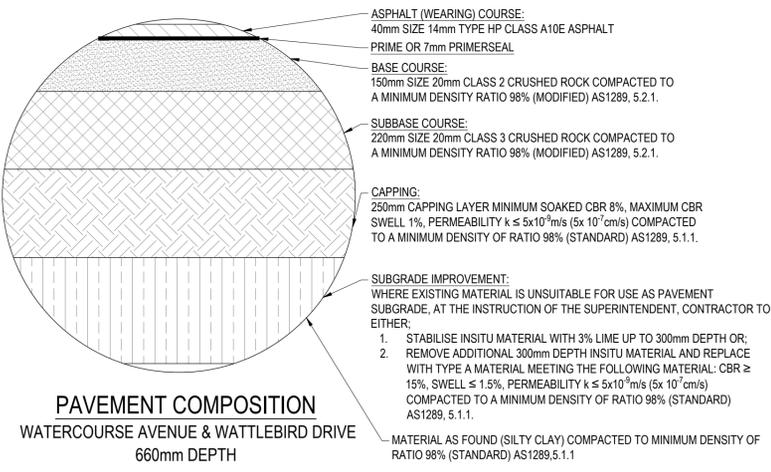
DRAWING TITLE  
**CORIDALE ESTATE - STAGE 11  
PIT SCHEDULE - 2**  
PLANNING PERMIT No: PP-496-2018

STATUS  
**AS CONSTRUCTED**

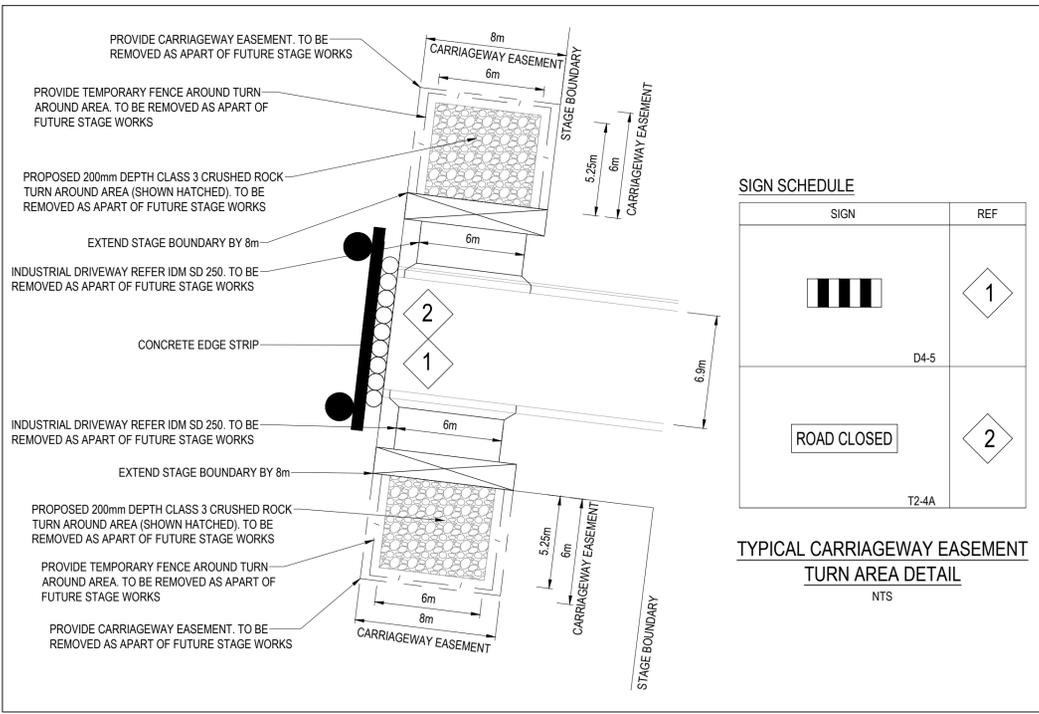
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>180014.11</b>	<b>R607</b>	<b>AC</b>

**PAVEMENT NOTE**  
THE CITY OF GREATER GEELONG DOES NOT ACCEPT UTILISATION OF RECYCLED CONCRETE WITHIN PAVEMENT LAYERS

*Bradent Leech* 23/08/24  
SIGNED (CONSULTANT) Ryan Lunn  
Winslow Constructors  
23/08/24  
SIGNED (CONTRACTOR)

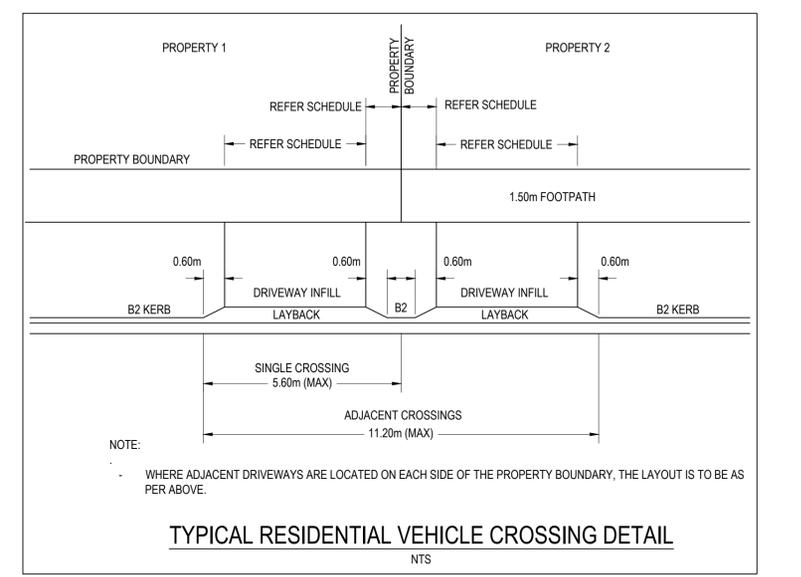
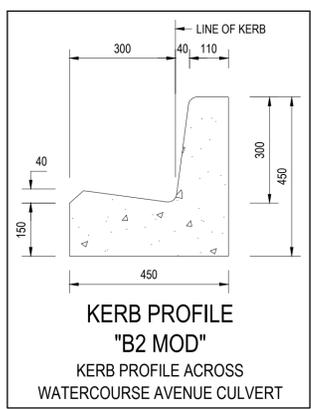
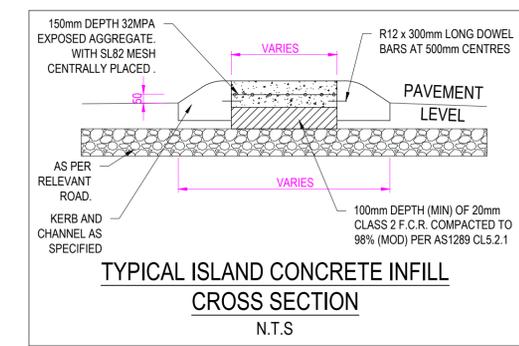
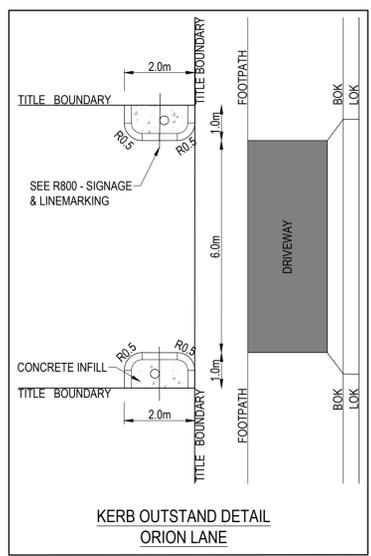
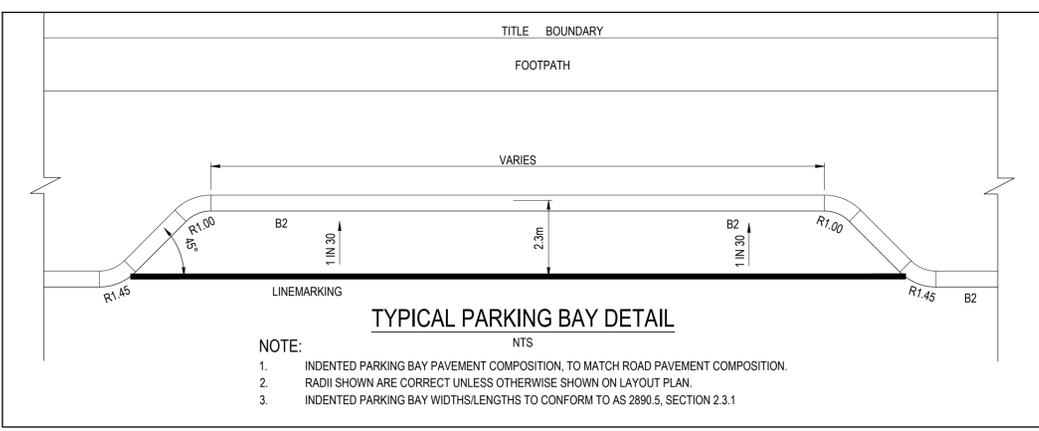
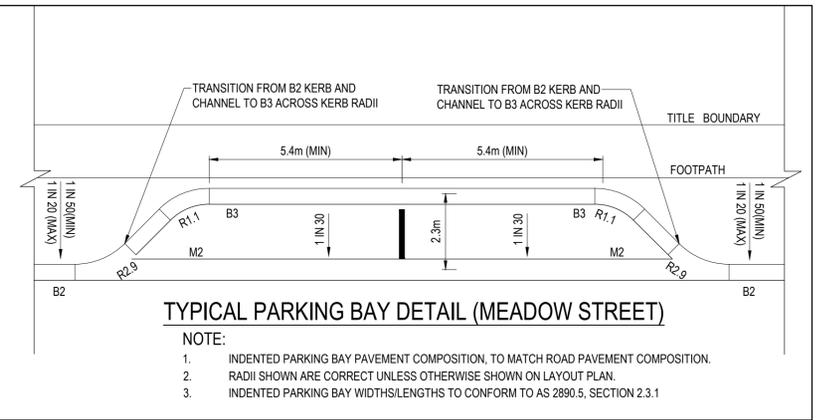
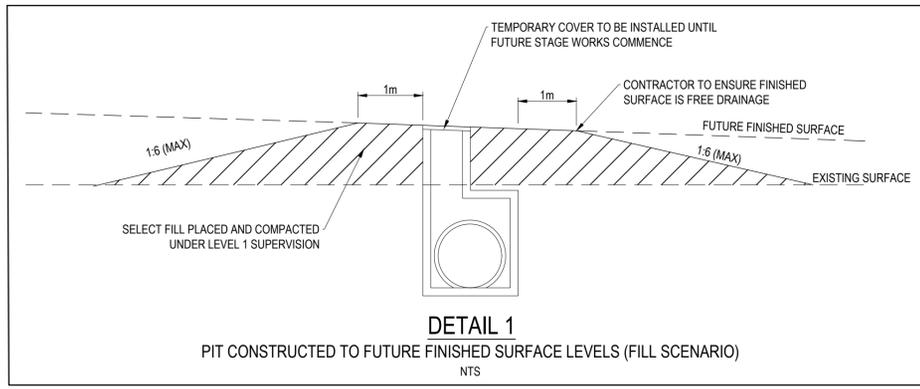


**WARNING**  
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**DIAL 1100 BEFORE YOU DIG**  
www.1100.com.au



**SIGN SCHEDULE**

SIGN	REF
	1
D4-5	
	2
T2-4A	



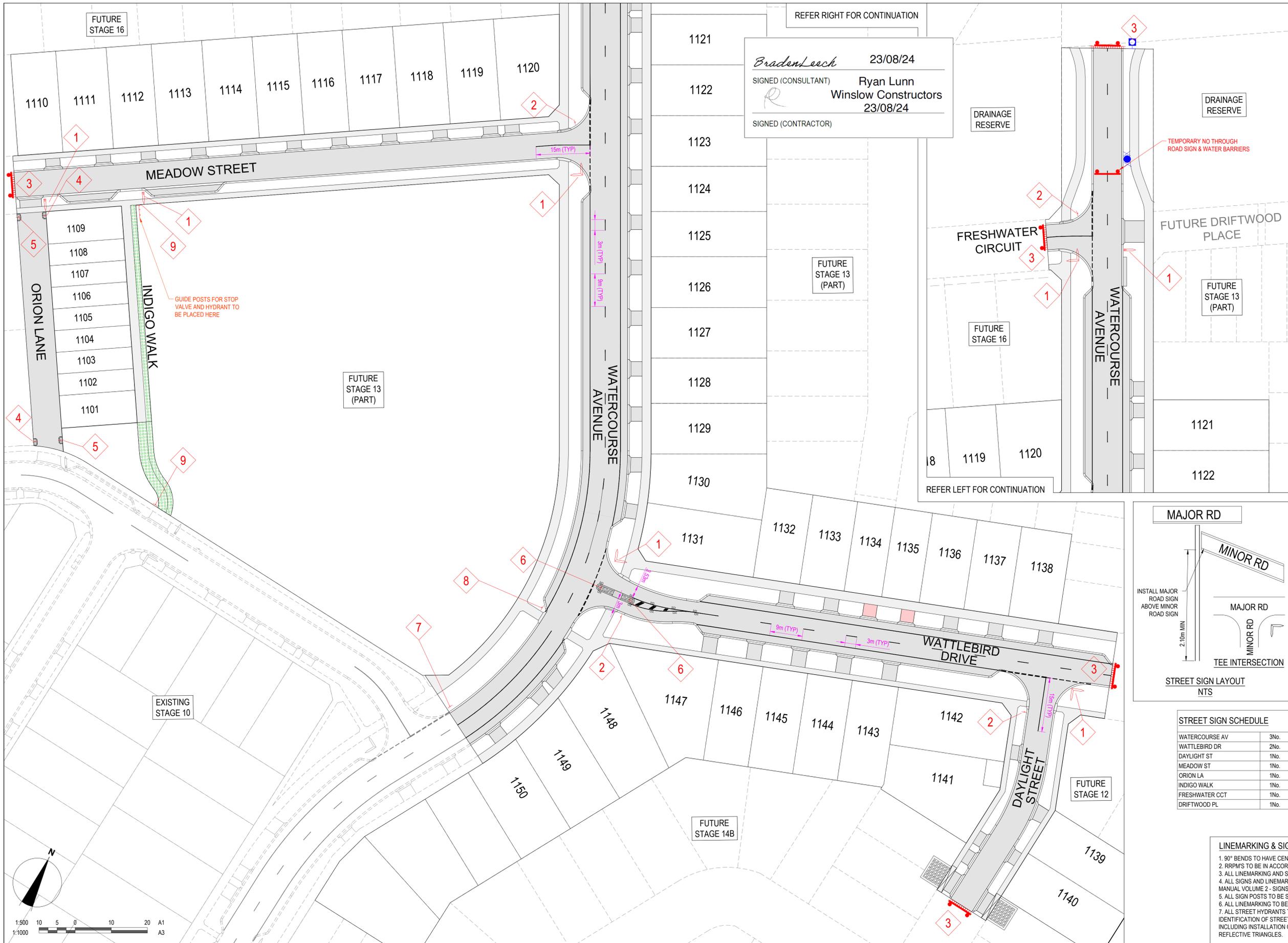
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



**CORIDALE ESTATE - STAGE 11**  
**TYPICAL DETAILS**  
DRAWING TITLE  
PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**  
STATUS

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>180014.11</b>	<b>R700</b>	<b>AC</b>



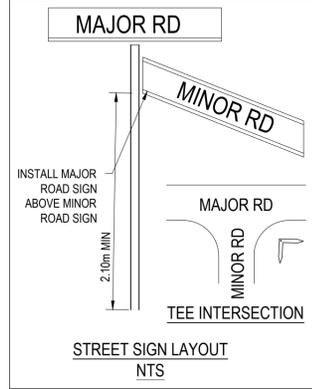
REFER RIGHT FOR CONTINUATION

*Braden Leech* 23/08/24  
 SIGNED (CONSULTANT) Ryan Lunn  
 Winslow Constructors 23/08/24  
 SIGNED (CONTRACTOR)

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

**SIGN SCHEDULE**

SIGN	REF	QUANTITY
STREET SIGN (G5 SERIES)	1	REFER TABLE
GIVE WAY R1-2	2	3 No.
ROAD CLOSED T2-4A D4-5	3	6 No.
AREA R5-72A	4	2 No.
END AREA R5-73A	5	2 No.
KEEP LEFT R2-3L	6	2 No.
TWO WAY RRPMS AS SHOWN	7	10 No.
R5-35R	8	1 No.
R5-35L	9	2 No.



**STREET SIGN SCHEDULE**

WATERCOURSE AV	3No.
WATTLEBIRD DR	2No.
DAYLIGHT ST	1No.
MEADOW ST	1No.
ORION LA	1No.
INDIGO WALK	1No.
FRESHWATER CCT	1No.
DRIFTWOOD PL	1No.

**LINEMARKING & SIGNAGE NOTES:**

- 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 SIGN POSTS TO BE SLEEVED IN ACCORDANCE WITH COGG SD CGG710 - SIGN POSTS.
- ALL LINEMARKING TO BE THERMOPLASTIC PERMANENT PAINT.
- ALL STREET HYDRANTS TO BE IDENTIFIED IN ACCORDANCE WITH C.F.A. DOCUMENT - IDENTIFICATION OF STREET HYDRANTS FOR FIREFIGHTING PURPOSES, PUBLISHED JULY 2019 INCLUDING INSTALLATION OF BLUE RAISED REFLECTIVE PAVEMENT MARKERS & PAINTED WHITE REFLECTIVE TRIANGLES.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



**CORIDALE ESTATE - STAGE 11 SIGNAGE & LINEMARKING PLAN**

PLANNING PERMIT No: PP-496-2018

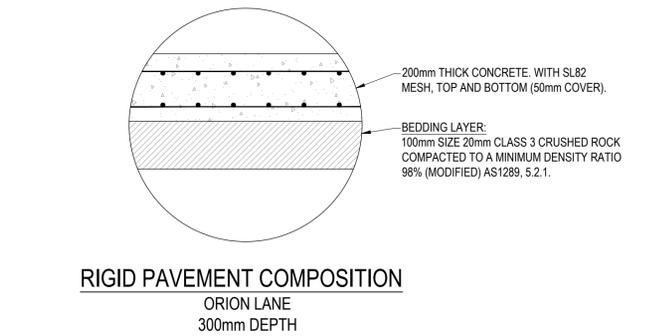
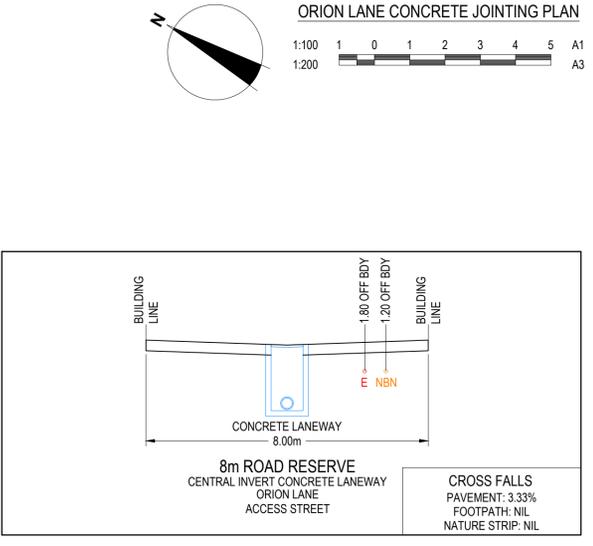
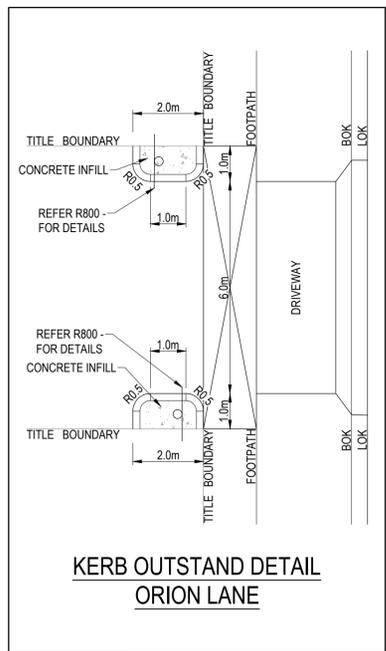
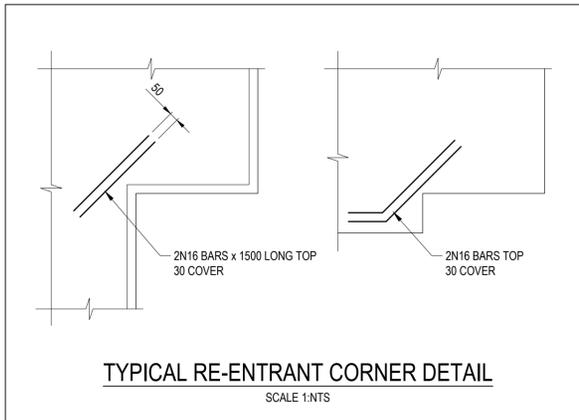
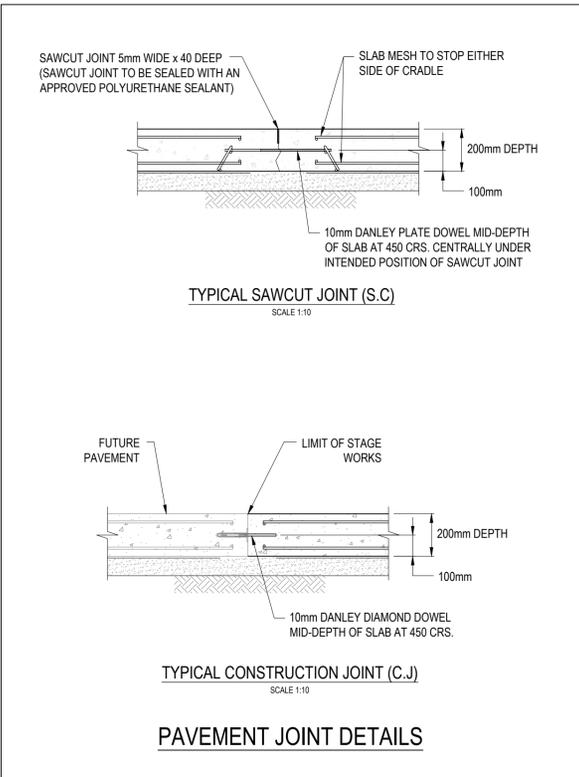
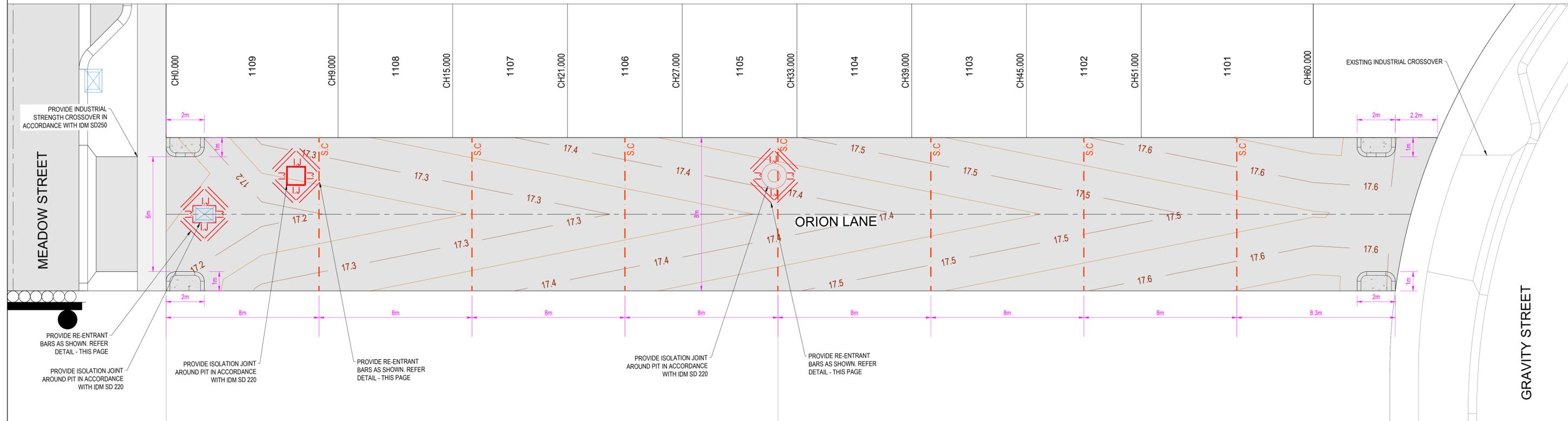
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
1:500 @ A1	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No.	DRAWING No.	REVISION
180014.11	R800	AC

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

*Brad Leech* 23/08/24  
 SIGNED (CONSULTANT) Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



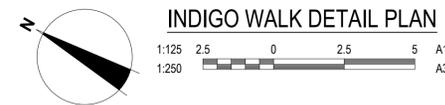
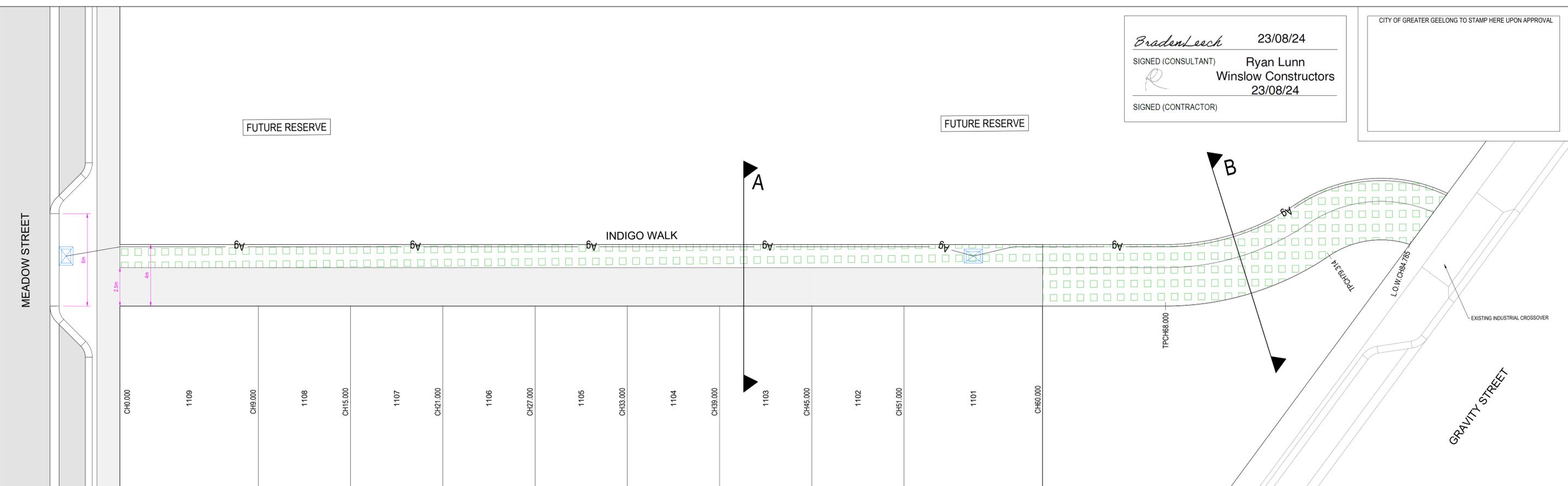
**CORIDALE ESTATE - STAGE 11**  
**CONCRETE JOINTING & DETAIL PLAN**  
 DRAWING TITLE  
 PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**  
 STATUS

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R900</b>	<b>AC</b>

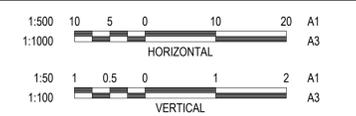
*Braden Leech* 23/08/24  
 SIGNED (CONSULTANT) Ryan Lunn  
 Winslow Constructors  
 23/08/24  
 SIGNED (CONTRACTOR)

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL



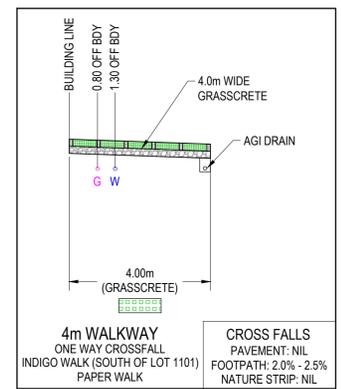
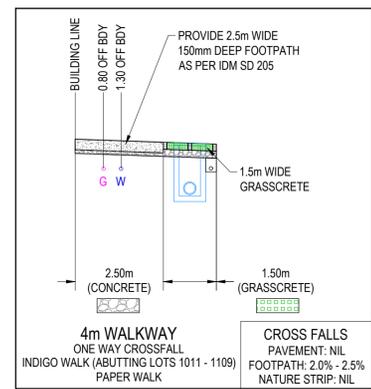
VERTICAL GEOMETRY	0.5%															-0.50%	
HORIZONTAL GEOMETRY	R = -19m HC R = 6m HC																
DATUM RL13																	
DESIGN CENTRELINE	17.000	17.045	17.075	17.105	17.135	17.165	17.195	17.225	17.255	17.300	17.340	17.397	17.414	17.403			
LEFT BOUNDARY LINE	16.945	16.975	17.005	17.035	17.065	17.095	17.125	17.155	17.200	17.240	17.297	17.314	17.303				
EXISTING SURFACE	16.947	16.945	16.909	16.906	16.972	16.916	16.914	16.907	16.903	15.992	15.992	15.994	15.994	16.000			
CENTRELINE DEPTH	-0.953	-1.000	-1.067	-1.100	-1.123	-1.149	-1.181	-1.219	-1.253	-1.308	-1.348	-1.403	-1.420	-1.404			
CHAINAGE	0.000	9.000	15.000	21.000	27.000	33.000	39.000	45.000	51.000	60.000	66.000	79.314	82.714	84.795			

INDIGO WALK LONGITUDINAL SECTION



**LEGEND**

- EXISTING SURFACE
- DESIGN LINE
- LEFT BACK OF KERB
- RIGHT BACK OF KERB
- INTERSECTION POINT

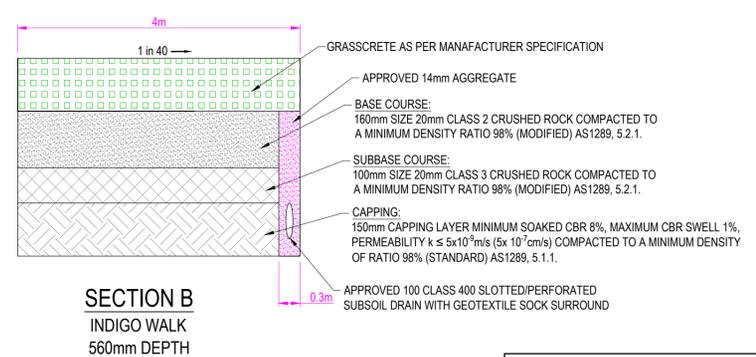
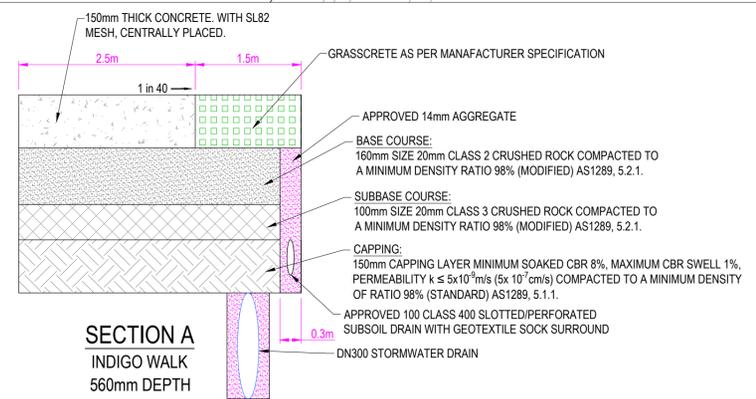


ALIGNMENT INDIGO WALK

PT NO	EASTING	NORTHING	RL
CH0.000	268994.964	5789852.728	17.000
CH60.000	269024.507	5789800.505	17.300
TPCH68.000	269028.446	5789793.542	17.340
TPCH79.314	269036.540	5789785.877	17.397
L.O.W.CH84.785	269039.756	5789781.685	17.403

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
TPCH68.000 - TPCH79.314	34.118	19.000	11.314	0.836	0.626	2.818	2.756	2.828	17.389
TPCH79.314 - L.O.W.CH84.785	52.243	6000	5.471	0.613	0.458	1.356	1.286	1.368	17.417



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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
0	27/07/23	CONSTRUCTION ISSUE	I.HOGAN	M.TROUNCE	M.TROUNCE
B	18/04/23	COUNCIL COMMENTS DATED 05/01/23	I.HOGAN	C.O'L	M.TROUNCE
A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



**CORIDALE ESTATE - STAGE 11**  
**INDIGO WALK DETAIL PLAN**  
 PLANNING PERMIT No: PP-496-2018

**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>180014.11</b>	<b>R901</b>	<b>AC</b>

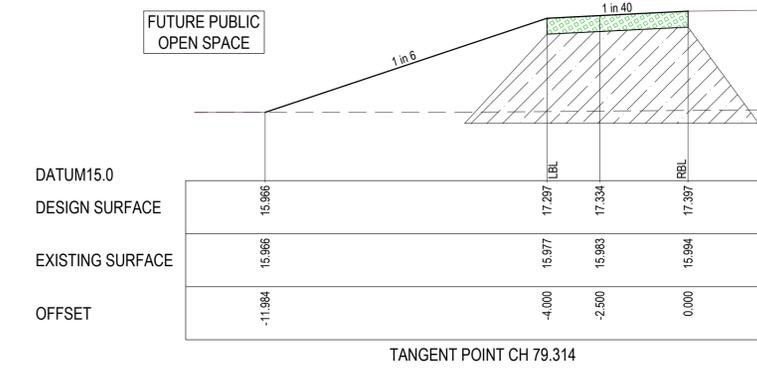
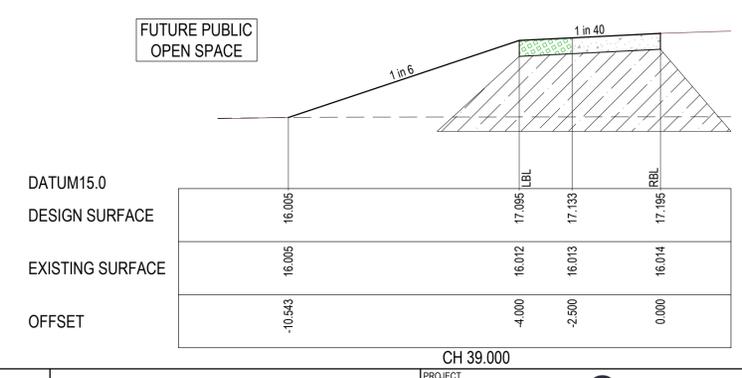
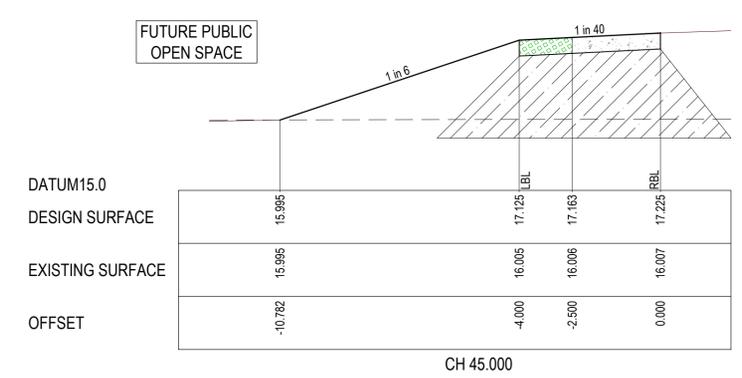
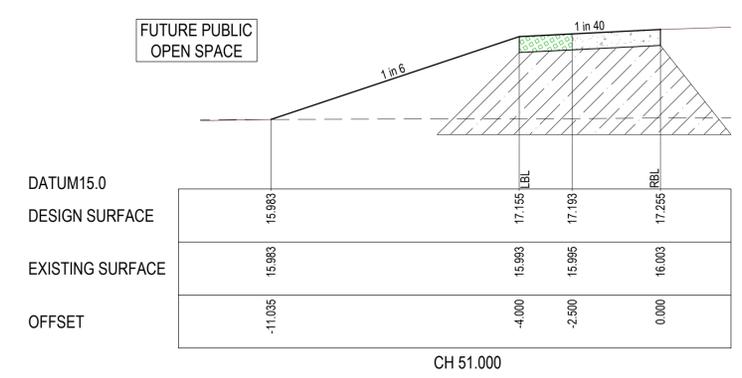
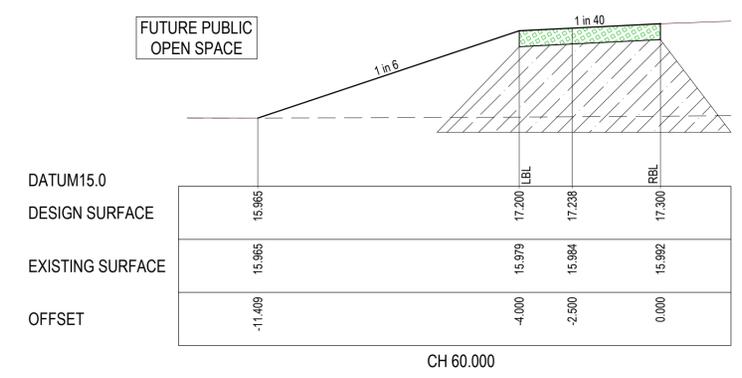
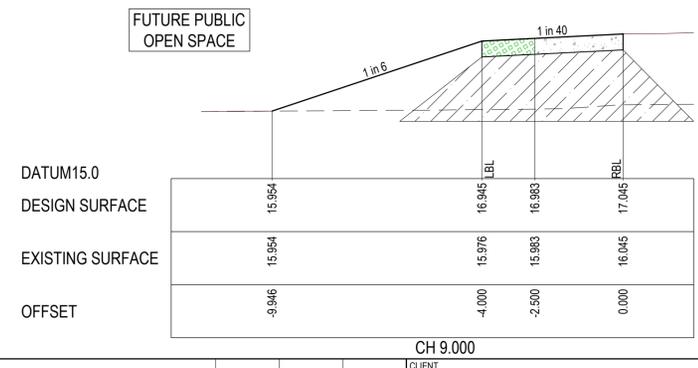
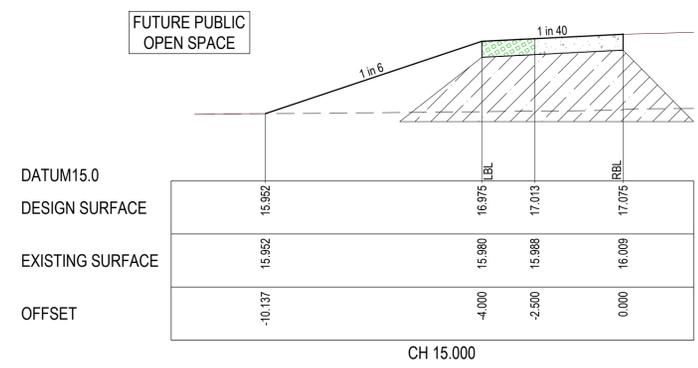
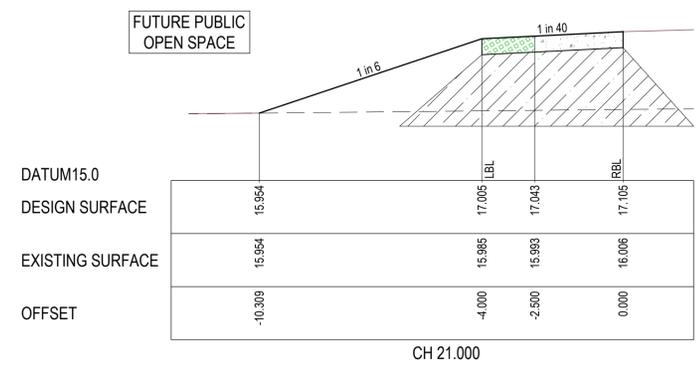
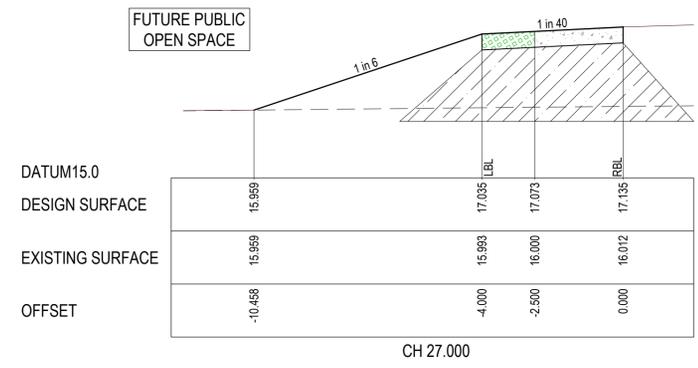
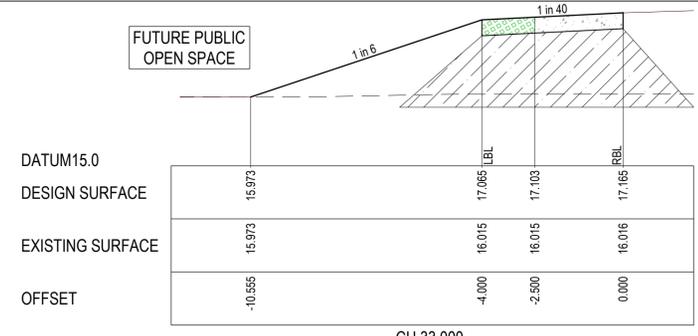
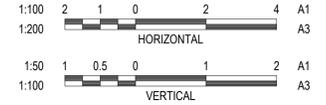
*Braden Leech* 23/08/24  
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 SIGNED (CONTRACTOR)

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**NOTE:**  
 \*SELECT FILL\* EXTENDING 200mm BELOW NATURAL SURFACE REQUIRED UNDER ALL PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. SELECT FILL IS TO BE TO LEVEL 1 STANDARD AND IN ACCORDANCE WITH SECTION 7.4 OF "REPORT ON GEOTECHNICAL INVESTIGATION CORIDALE ESTATE" PREPARED BY DOUGLAS PARTNERS (FILE NAME: 87082.00.R.001.REV0, DATED 17/01/2020).

**LEGEND**

- EXISTING SURFACE
- DESIGN LINE
- [Hatched] SELECT FILL
- [Dotted] CONCRETE
- [Green Hatched] GRASSCRETE



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AC	23/08/24	AS CONSTRUCTED	B.LEECH	M.TROUNCE	M.TROUNCE
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A	17/11/22	ISSUED FOR APPROVAL	I.HOGAN	C.ROHDE	M.TROUNCE



DRAWING TITLE  
**CORIDALE ESTATE - STAGE 11**  
**INDIGO WALK CROSS SECTIONS**  
 PLANNING PERMIT No: PP-496-2018

STATUS  
**AS CONSTRUCTED**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	I.HOGAN	I.HOGAN
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	OCTOBER 2022
PROJECT No:	DRAWING No:	REVISION
<b>180014.11</b>	<b>R902</b>	<b>AC</b>