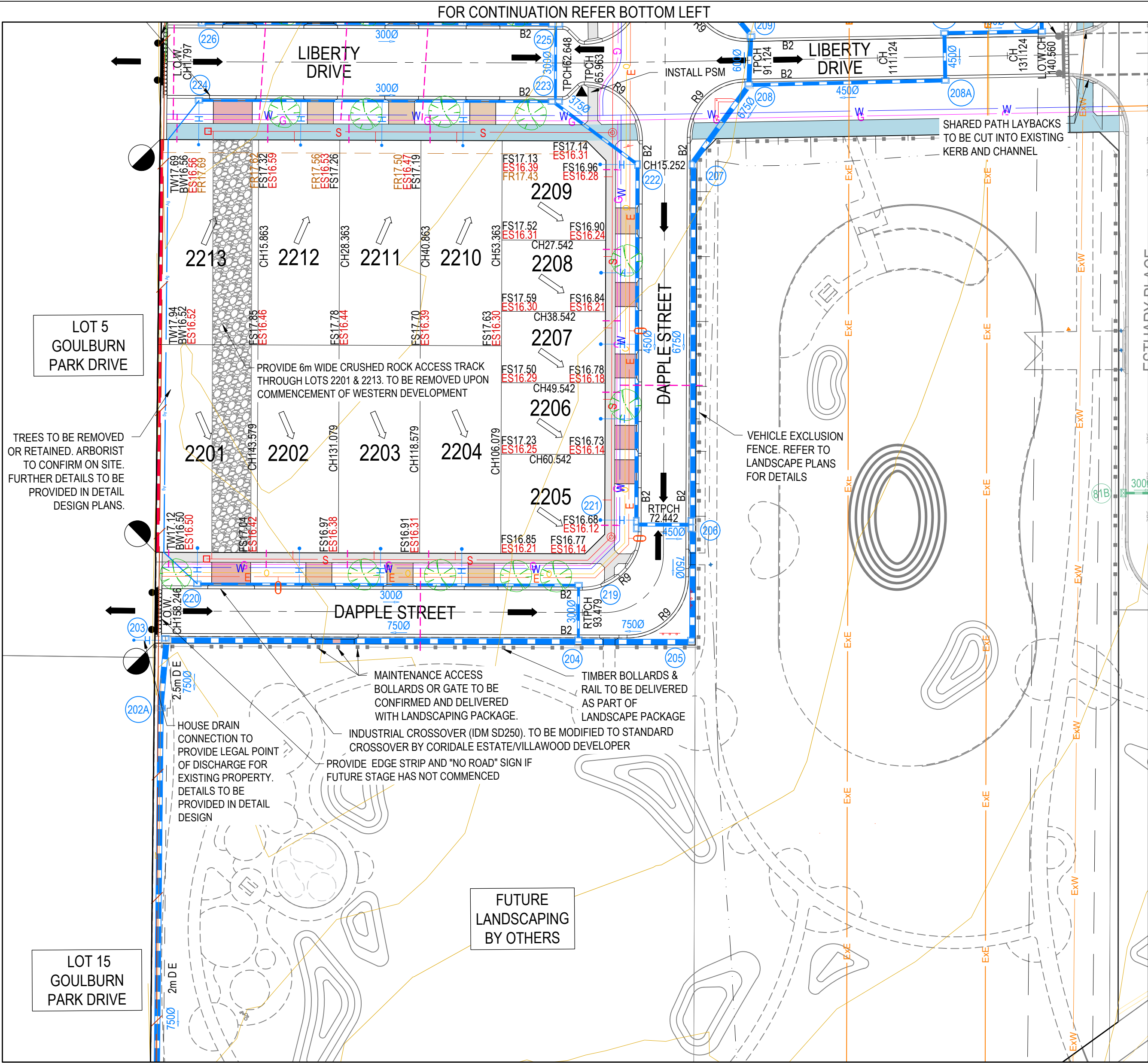
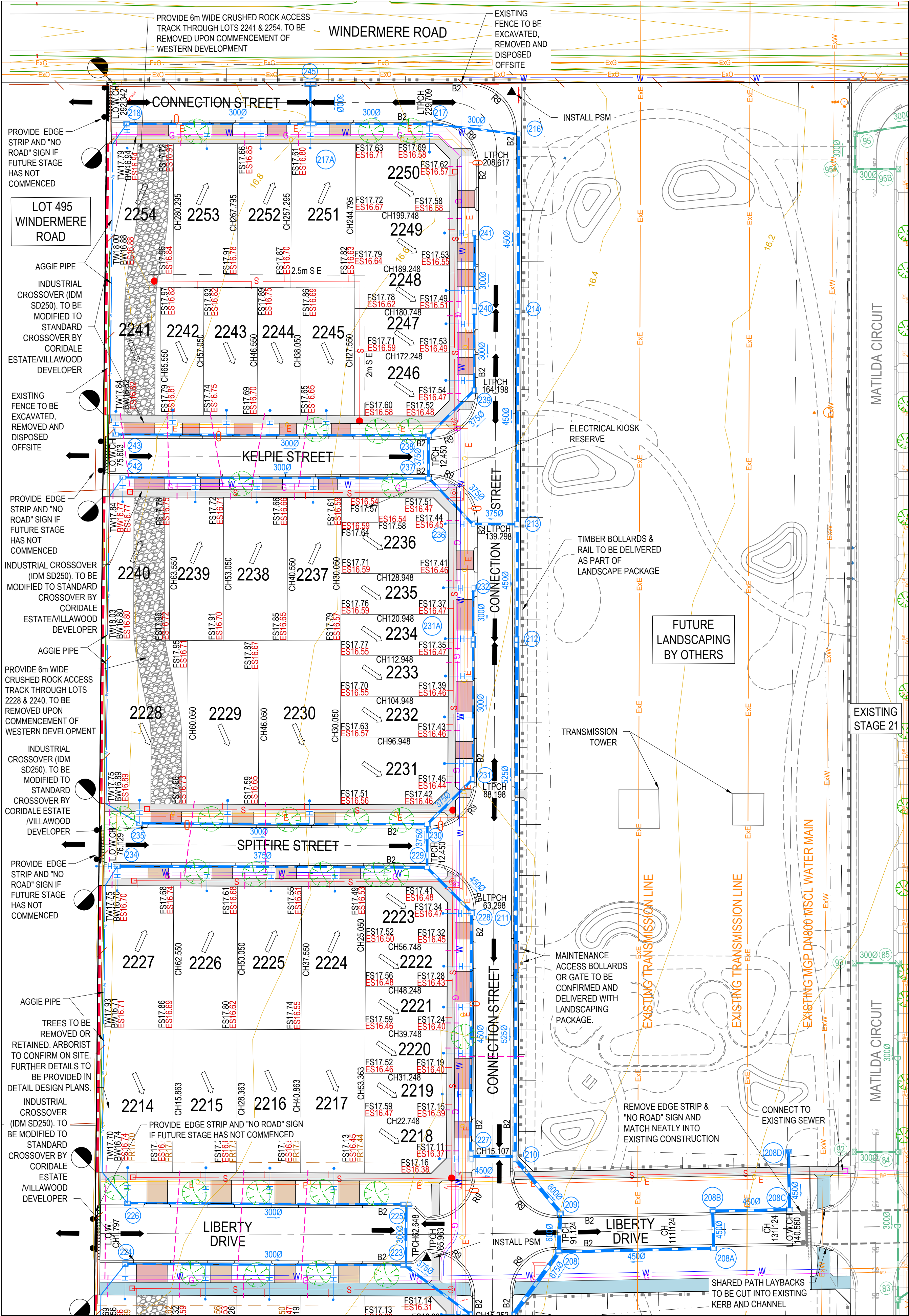


CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

DESIGNED I.HOGAN	PROJECT ENGINEER J.RAMSAY		
DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE		
PROJECT No. 180014.22	DRAWING No. R100	REVISION A	



CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- EXISTING STORMWATER DRAIN
- EXISTING HOUSE DRAIN
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- EXISTING SEWER
- HOUSE DRAIN
- SERVICE CONDUITS
- PROPOSED ELECTRICITY (UNDERGROUND)
- PROPOSED GAS
- PROPOSED OPTIC FIBRE
- PROPOSED TELSTRA
- PROPOSED WATER
- PROPOSED RECYCLED WATER
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING SURFACE LEVEL
- FINISHED RIDGE LINE LEVEL
- DIRECTION OF FALL (ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED)
- OVERLAND FLOW
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO LIMIT OF WORKS" BARRIER
- EXISTING TREE TO BE REMOVED
- EXISTING TREE TO REMAIN
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- PROPOSED PAVEMENT, KERB & CHANNEL, SHARED PATH & HEAVY DUTY OR NON-STD DRIVEWAY
- RIDGE LINE
- EXISTING CONTOURS
- TACTILE PAVERS
- RETAINING WALL

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

NOTE: PUBLIC LIGHTING LOCATIONS SHOWN ARE INDICATIVE ONLY. ULTIMATE LOCATION IS TO BE PROVIDED/CONFIRMED BY ELECTRICAL ENGINEERS

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE	



CORIDALE ESTATE - STAGE 22 LAYOUT PLAN - 1

REGISTERED ENGINEER
NAME: J.RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

ISSUED FOR APPROVAL NOT FOR CONSTRUCTION

SCALE @ 1:1500

0 5 10 20 30

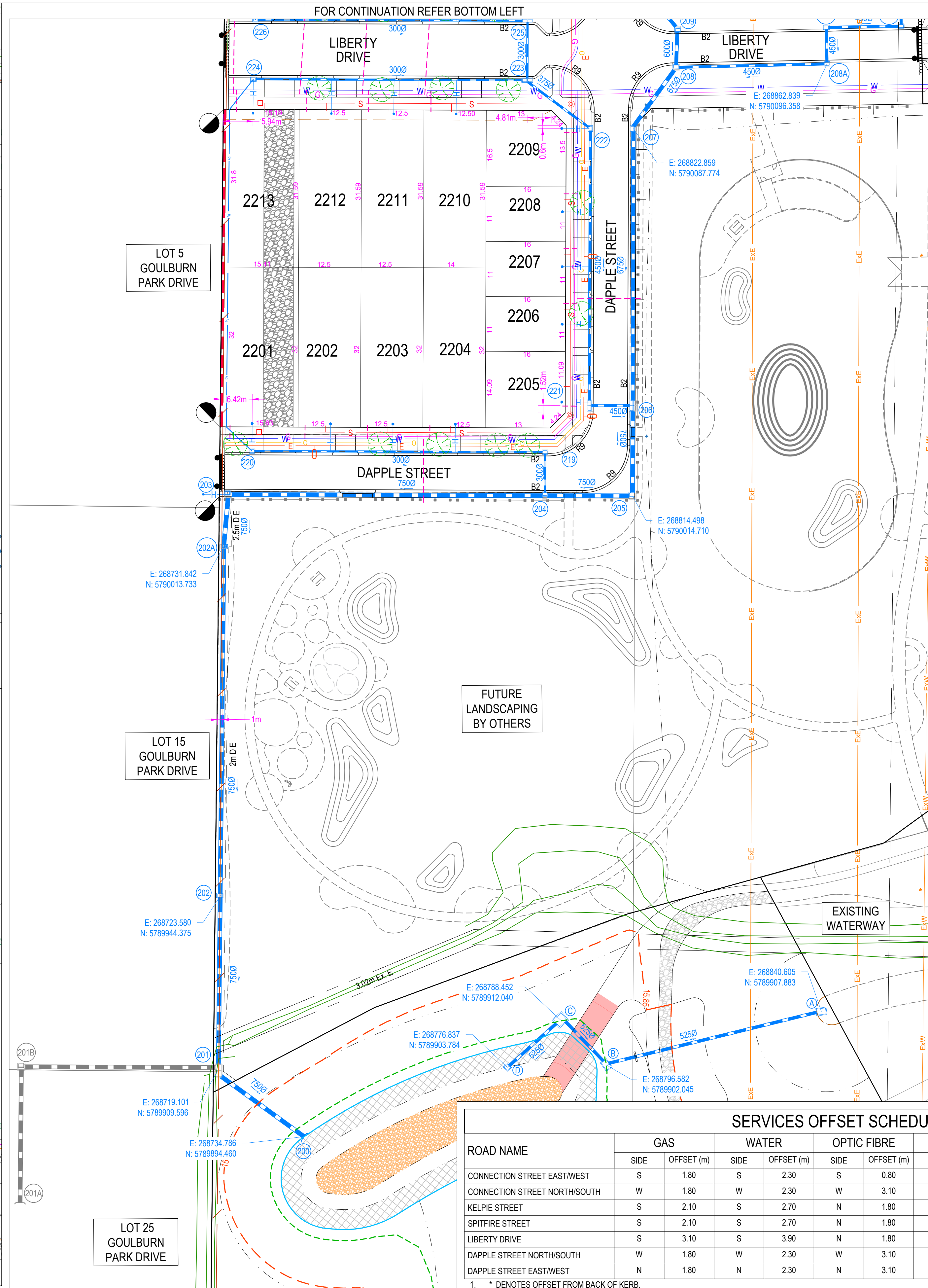
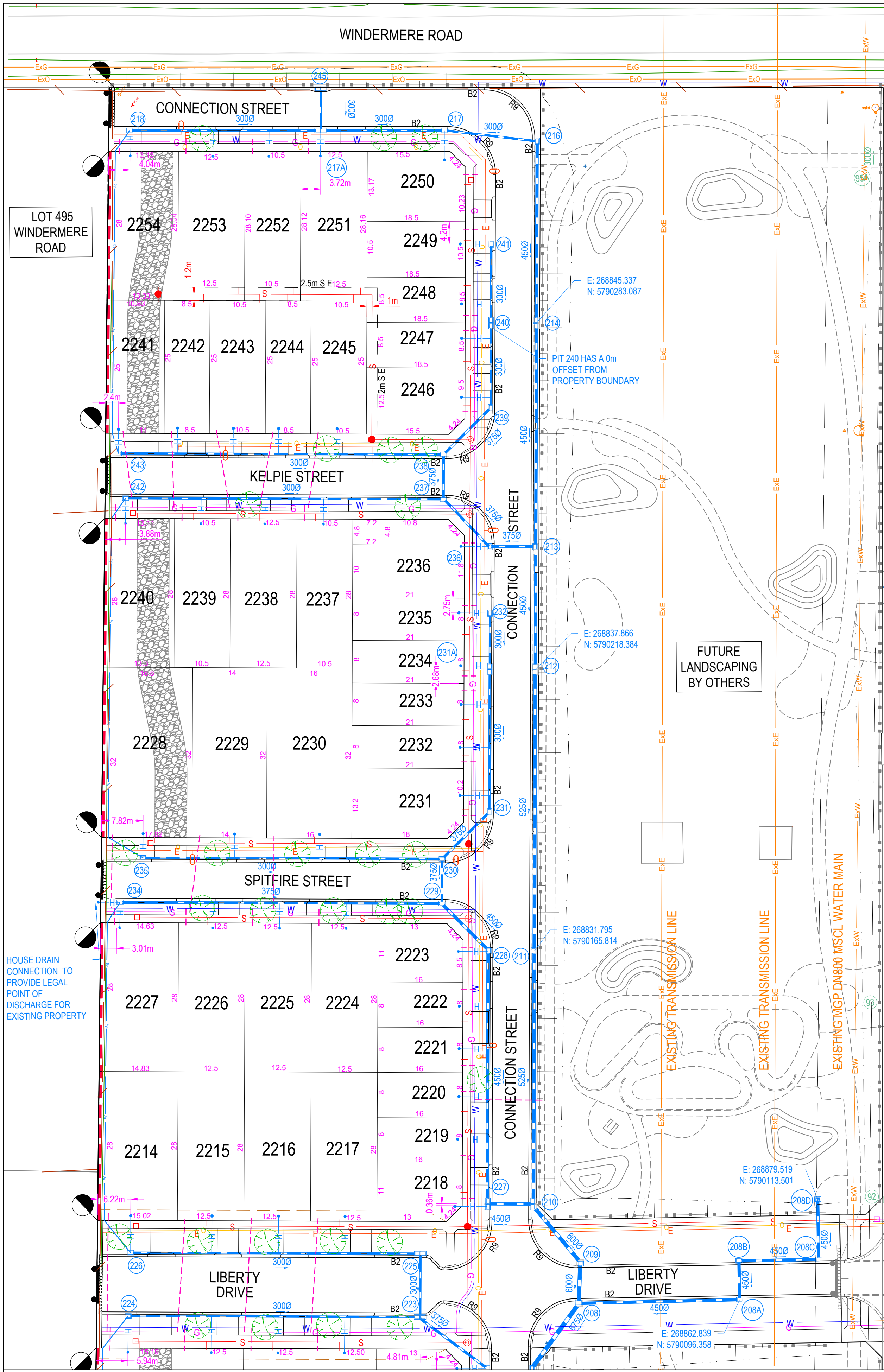
DESIGNED	PROJECT ENGINEER	
I.HOGAN	J.RAMSAY	
DRAWN	PROJECT MANAGER	
I.HOGAN	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
180014.22	R200	A

- 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.

NOTE:
CONTRACTOR IS TO VERIFY ALL CONNECTION LEVELS PRIOR TO COMMENCEMENT OF WORKS AND NOTIFY CREO CIVIL IF THERE ARE DIFFERENCES

LOT NO.	VEHICLE CROSSING WIDTH (m)	VEHICLE CROSSING OFFSET (m)	VEHICLE CROSSING LOCATION
2201	6	1	EAST BL
2205	4	1	NORTH BL
2206	4	1	SOUTH BL
2207	4	1	SOUTH BL
2208	4	1	SOUTH BL
2213	6	1	EAST BL
2218	3	1	NORTH BL
2219	3	0	NORTH BL
2220	3	0	SOUTH BL
2221	3	0	NORTH BL
2222	3	0	SOUTH BL
2223	3	1	SOUTH BL
2228	6	1	EAST BL
2231	3	1	NORTH BL
2232	3	0	NORTH BL
2233	3	0	SOUTH BL
2234	3	0	NORTH BL

2235	3	0	SOUTH BL
2236	4	1	SOUTH BL
2237	4	1	EAST BL
2239	4	1	EAST BL
2240	6	1	EAST BL
2241	6	1	EAST BL
2242	3	1	EAST BL
2243	3	1	EAST BL
2244	3	1	EAST BL
2245	3	1	EAST BL
2246	3	1	NORTH BL
2247	3	1	SOUTH BL
2248	3	1	NORTH BL
2249	4	1	SOUTH BL
2250	3	1	SOUTH BL
2252	4	1	EAST BL
2254	6	1	EAST BL
RESERVE	6	1	OPPOSITE LOT 2222
RESERVE	6	1	OPPOSITE LOT 2202



CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

LEGEND - SERVICES PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- EXISTING STORMWATER DRAIN
- SEWER & MAINTENANCE STRUCTURES
- EXISTING SEWER
- HOUSE DRAIN
- SERVICE CONDUITS
- PROPOSED ELECTRICITY (UNDERGROUND)
- PROPOSED GAS
- PROPOSED OPTIC FIBRE
- PROPOSED TELSTRA
- PROPOSED WATER
- PROPOSED RECYCLED WATER
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- STORMWATER PIT SETOUT POINT

WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES

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

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SERVICES OFFSET SCHEDULE												
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)
CONNECTION STREET EAST/WEST	S	1.80	S	2.30	S	0.80	S	3.10	S	1.00*	-	-
CONNECTION STREET NORTH/SOUTH	W	1.80	W	2.30	W	3.10	W	3.70	W	1.00*	W	1.00**
KELPIE STREET	S	2.10	S	2.70	N	1.80	N	2.40	N	1.00*	N/S	1.00**
SPLITFIRE STREET	S	2.10	S	2.70	N	1.80	N	2.40	N	1.00*	N/S	1.00**
LIBERTY DRIVE	S	3.10	S	3.90	N	1.80	N	2.30	N	1.00*	N/S	1.00**
DAPPLE STREET NORTH/SOUTH	W	1.80	W	2.30	W	3.10	W	3.70	W	1.00*	W	1.00**
DAPPLE STREET EAST/WEST	N	1.80	N	2.30	N	3.10	N	3.70	N	1.00*	N	1.00**
1. * DENOTES OFFSET FROM BACK OF KERB.												

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE

villawood
properties

creo
CIVIL

Suite 2, 2 Bloomsbury Street
Newtown, VIC, Australia 3220

Coridale
LARA

CORIDALE ESTATE - STAGE 22
SERVICES PLAN

REGISTERED ENGINEER
NAME: J.RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

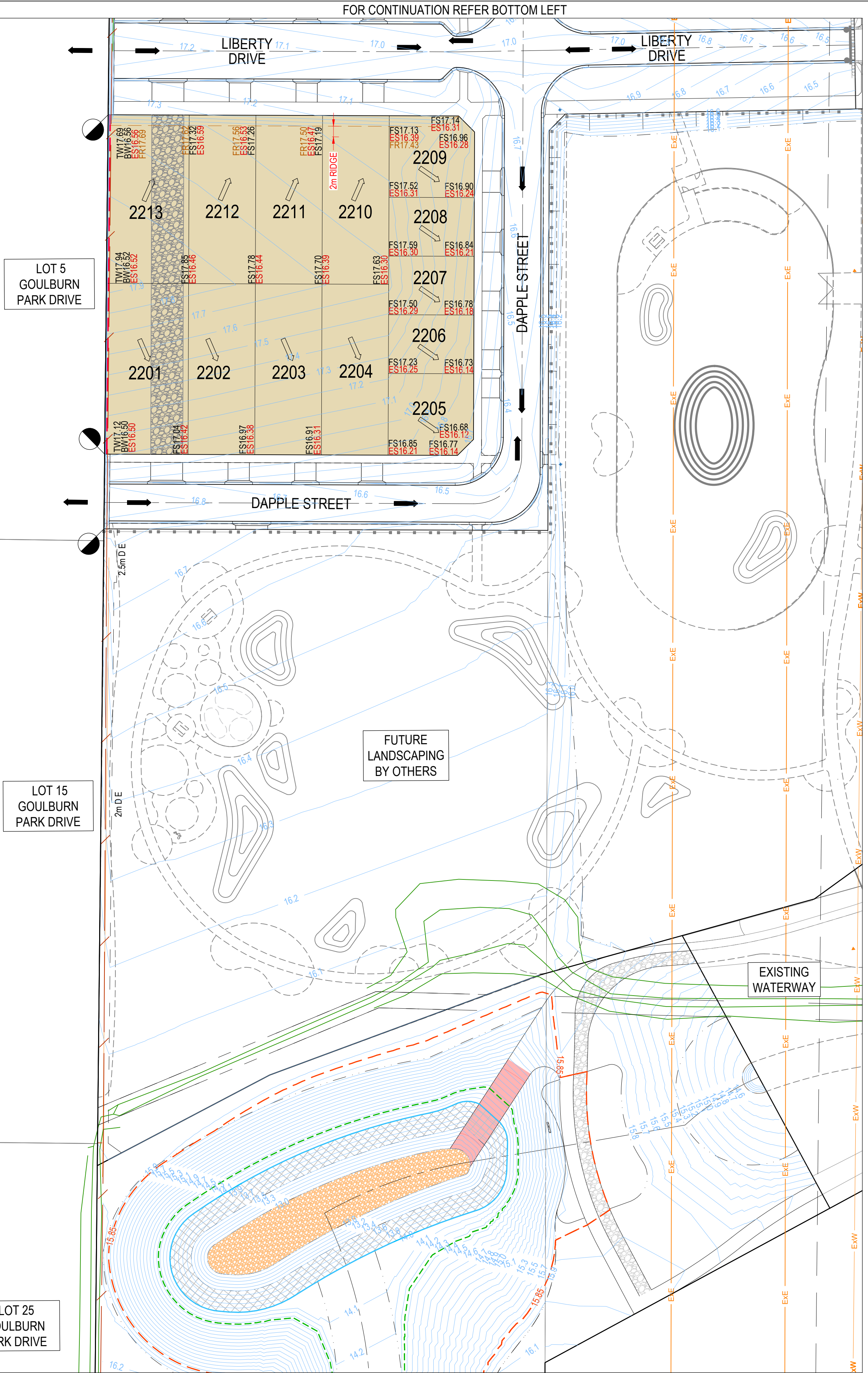
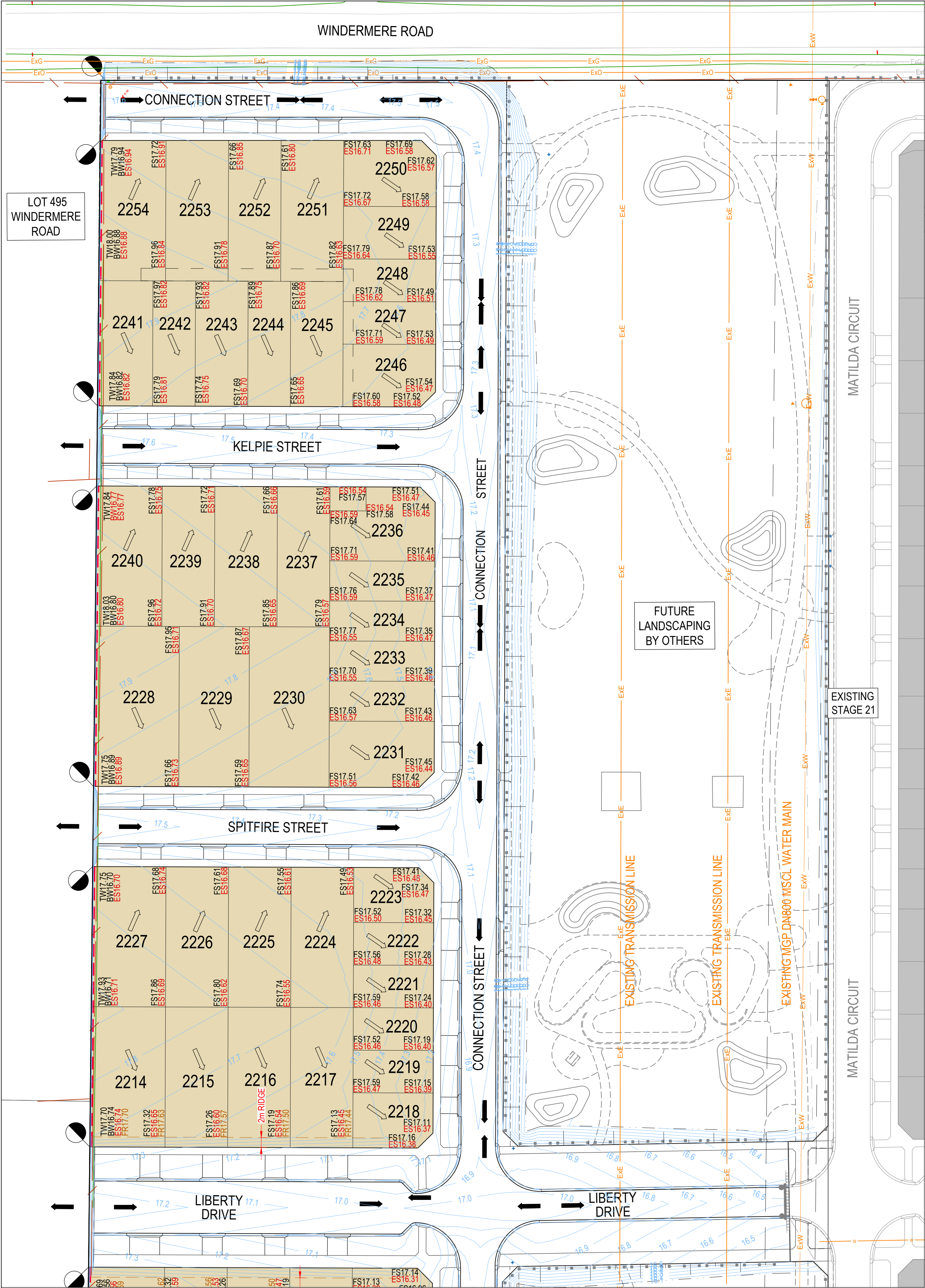
ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

SCALE @ A1: 1:500

0 5 10 20 30

N

DESIGNED	I.HOGAN	PROJECT ENGINEER	J.RAMSAY
DRAWN	I.HOGAN	PROJECT MANAGER	M.TROUNCE
PROJECT No.	180014.22	DRAWING No.	R202
REVISION			A



CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

LEGEND - EARTHWORKS PLAN

- RIDGE LINE
- - - TOE OF BATTER
- - - SWALE DRAIN
- ES141.34 EXISTING SURFACE LEVEL
- FS140.35 FINISHED BUILDING LINE LEVEL
- FR157.40 FINISHED RIDGE LINE LEVEL
- TW159.30 TOP OF RETAINING WALL
- BW159.30 BOTTOM OF RETAINING WALL
- RETAINING WALL
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- DIRECTION OF FALL (ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED)
- OVERLAND FLOW
- 0.10m CONTOUR

WARNING
BWARE OF UNDERGROUND & OVERHEAD SERVICES
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE	

villawood
properties

creo
CIVIL

Suite 2, 2 Bloomsbury Street
Newtown, VIC, Australia 3220

Coridale
LARA

CORIDALE ESTATE - STAGE 22
EARTHWORKS PLAN

REGISTERED ENGINEER
NAME: J.RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

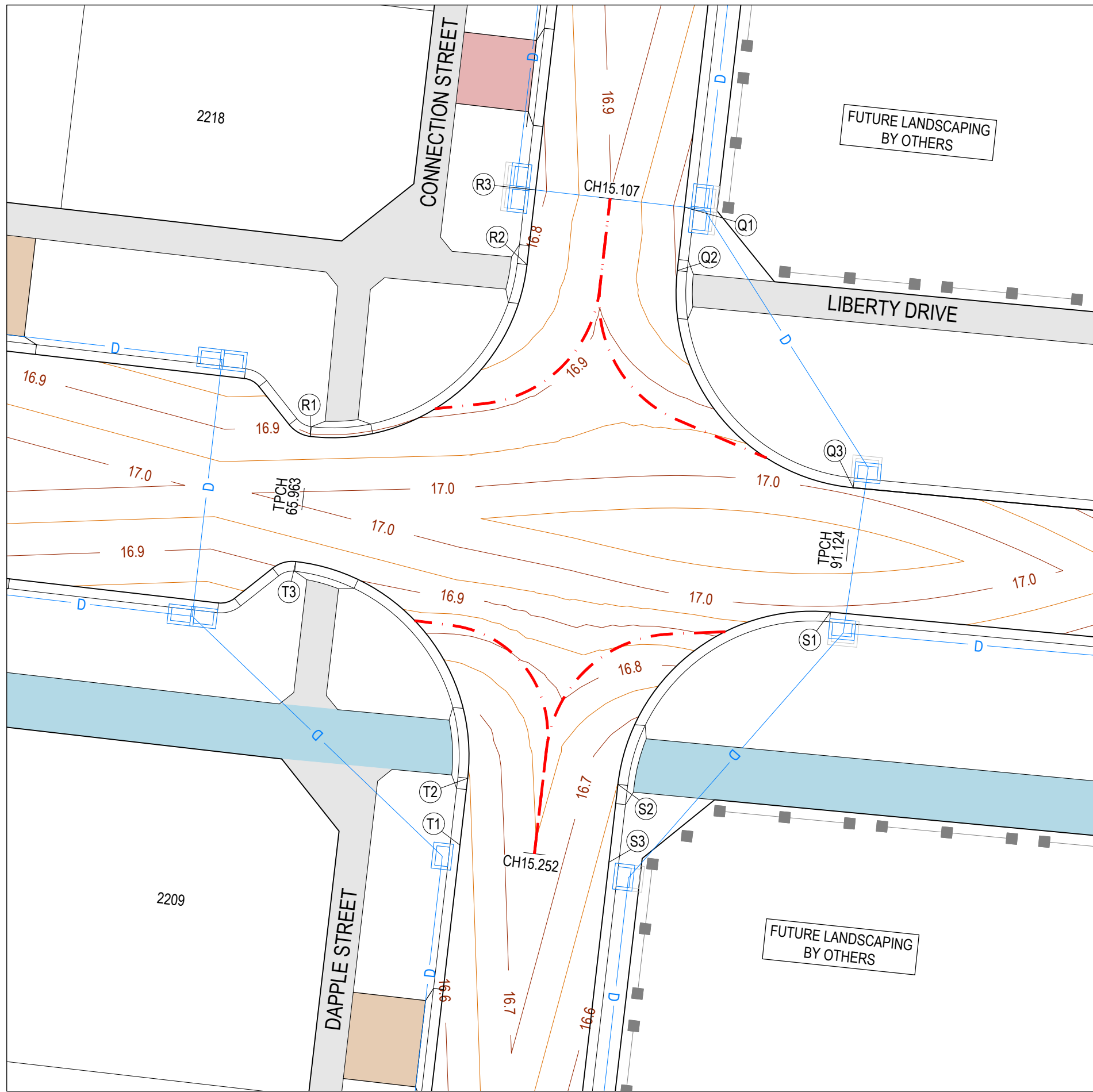
ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

SCALE @ A1: 1:500

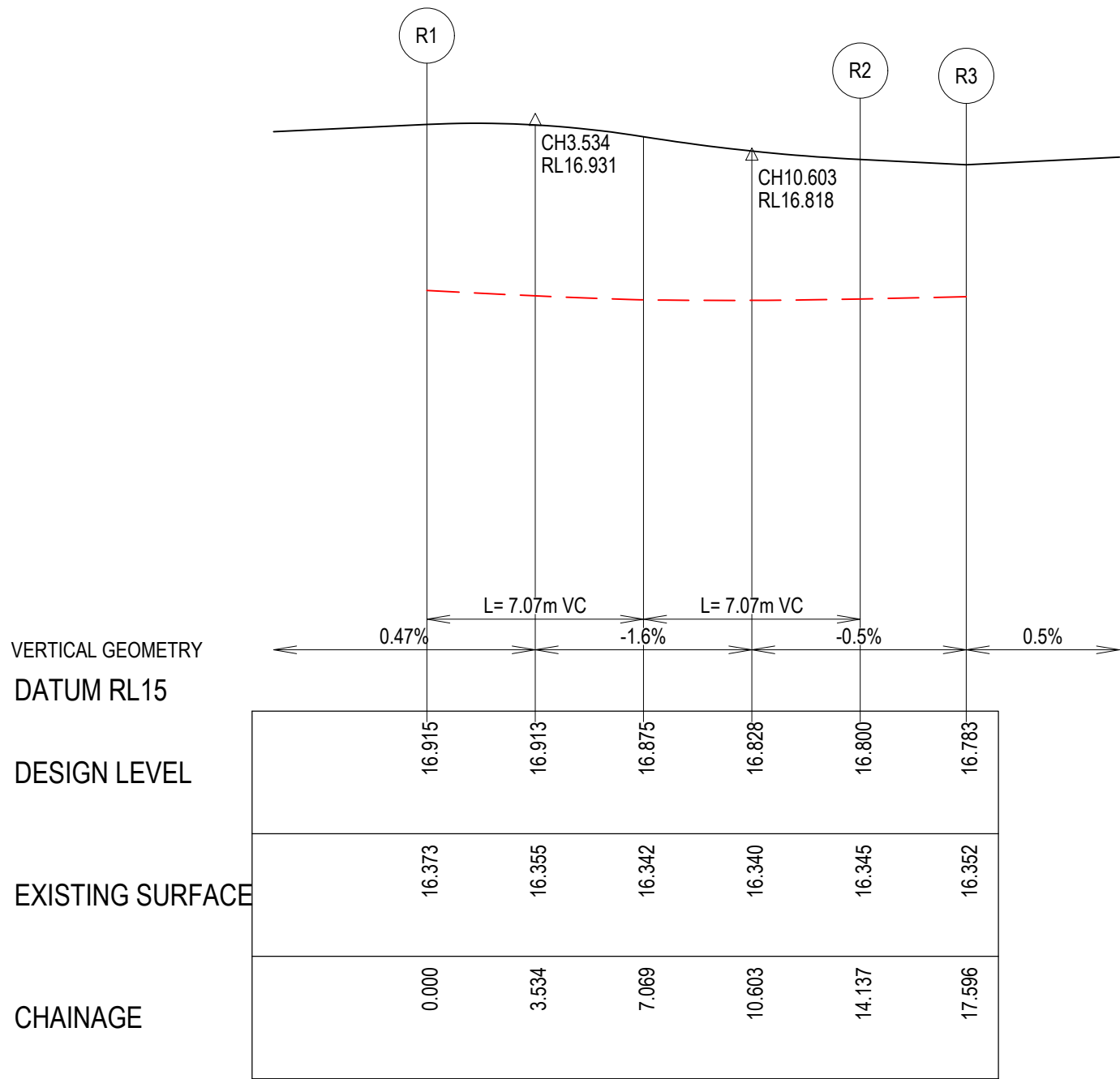
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N

DESIGNED	I.HOGAN	PROJECT ENGINEER	J.RAMSAY
DRAWN	I.HOGAN	PROJECT MANAGER	M.TROUNCE
PROJECT No.	180014.22	DRAWING No.	R203
REVISION	A		



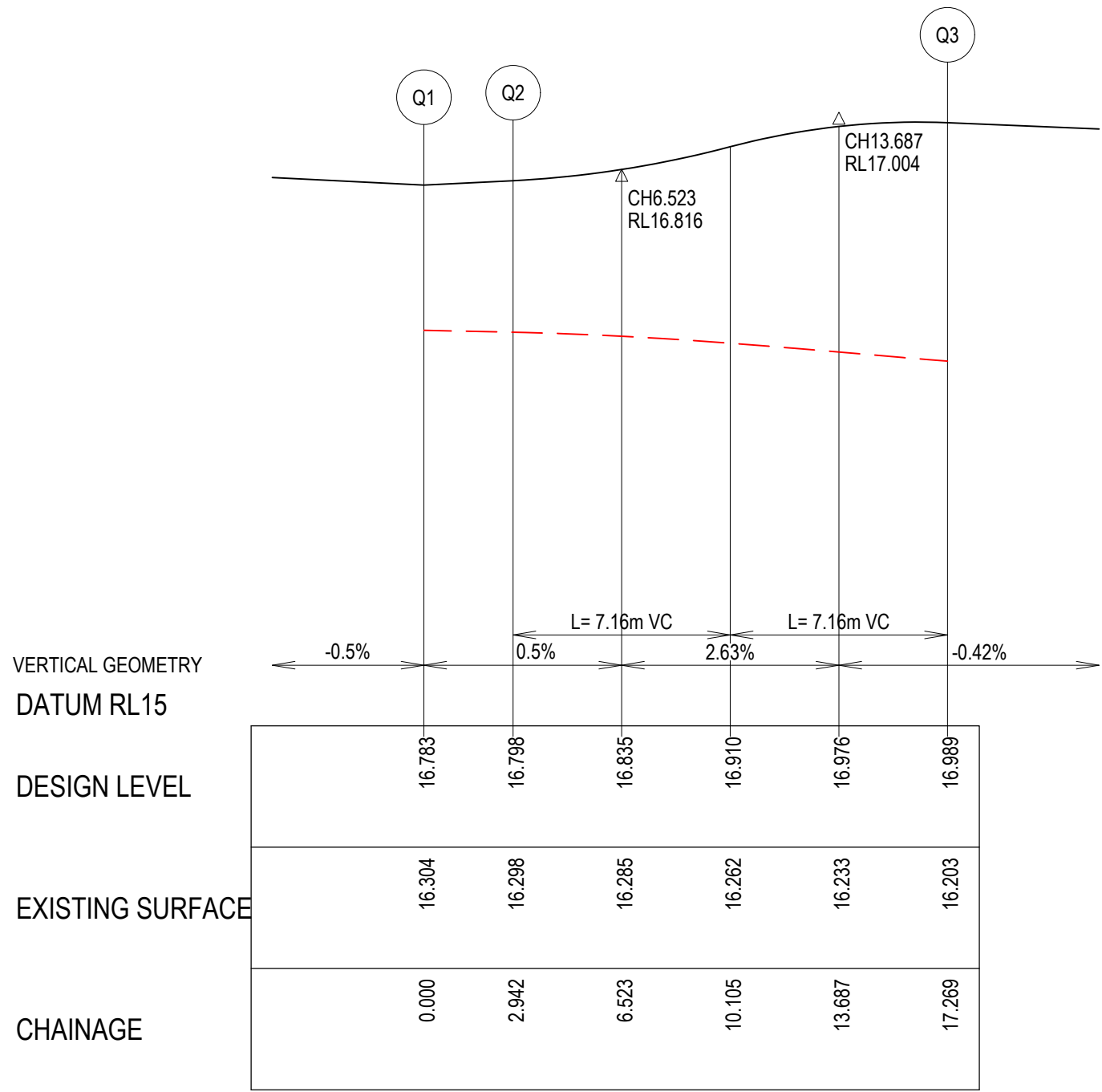
LIBERTY STREET & CONNECTION/DAPPLE STREET INTERSECTION



ALIGNMENT R

PT NO	EASTING	NORTHING	RL
R1	268808.218	5790108.088	16.915
R2	268818.191	5790115.996	16.800
R3	268818.588	5790119.432	16.783

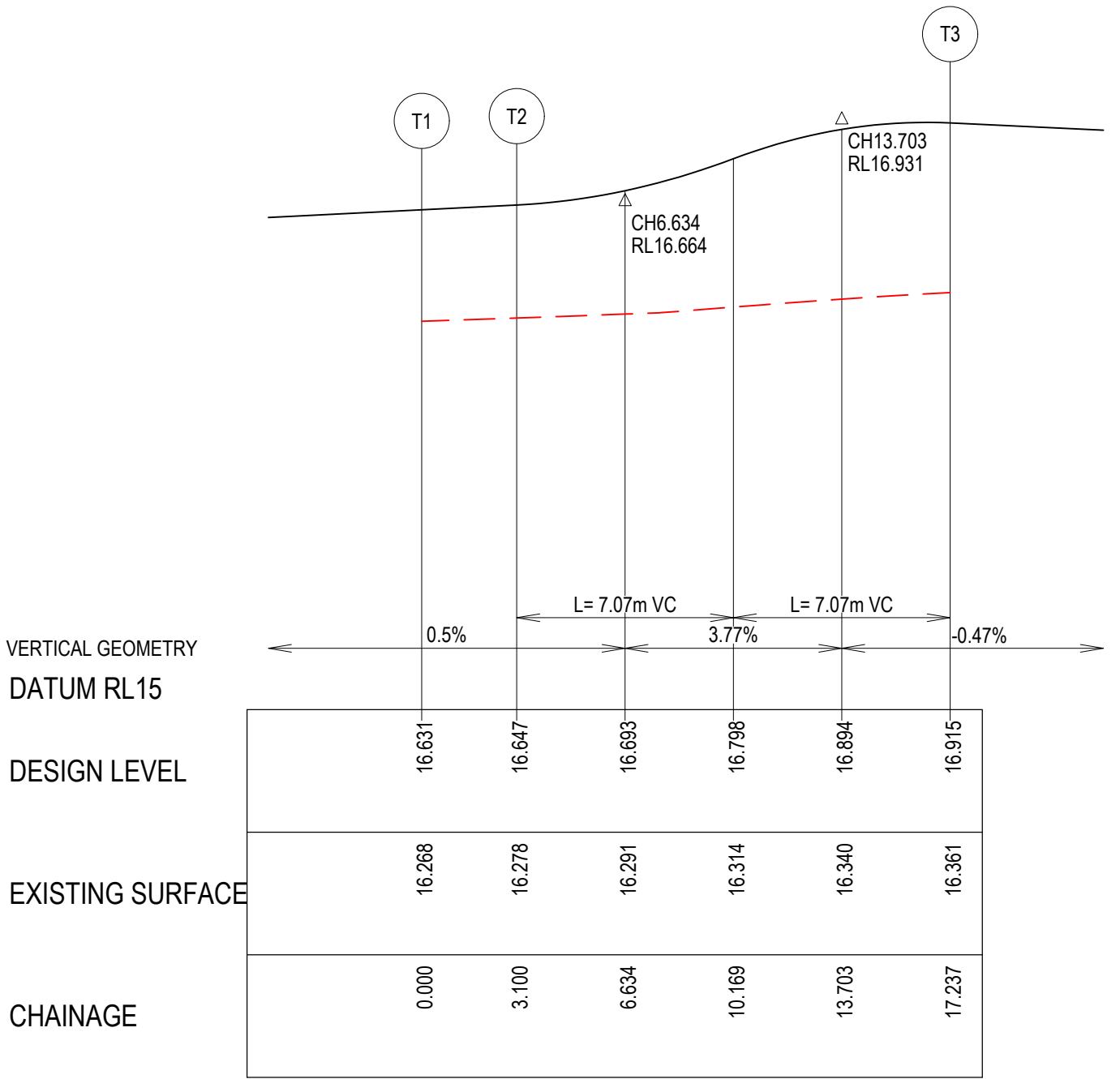
CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
R1 - R2	90.000	9.000	14.137	2.636	1.951	3.444	2.920	3.534	16.875



ALIGNMENT Q

PT NO	EASTING	NORTHING	RL
Q1	268825.442	5790118.641	16.783
Q2	268825.105	5790115.719	16.798
Q3	268833.202	5790105.726	16.989

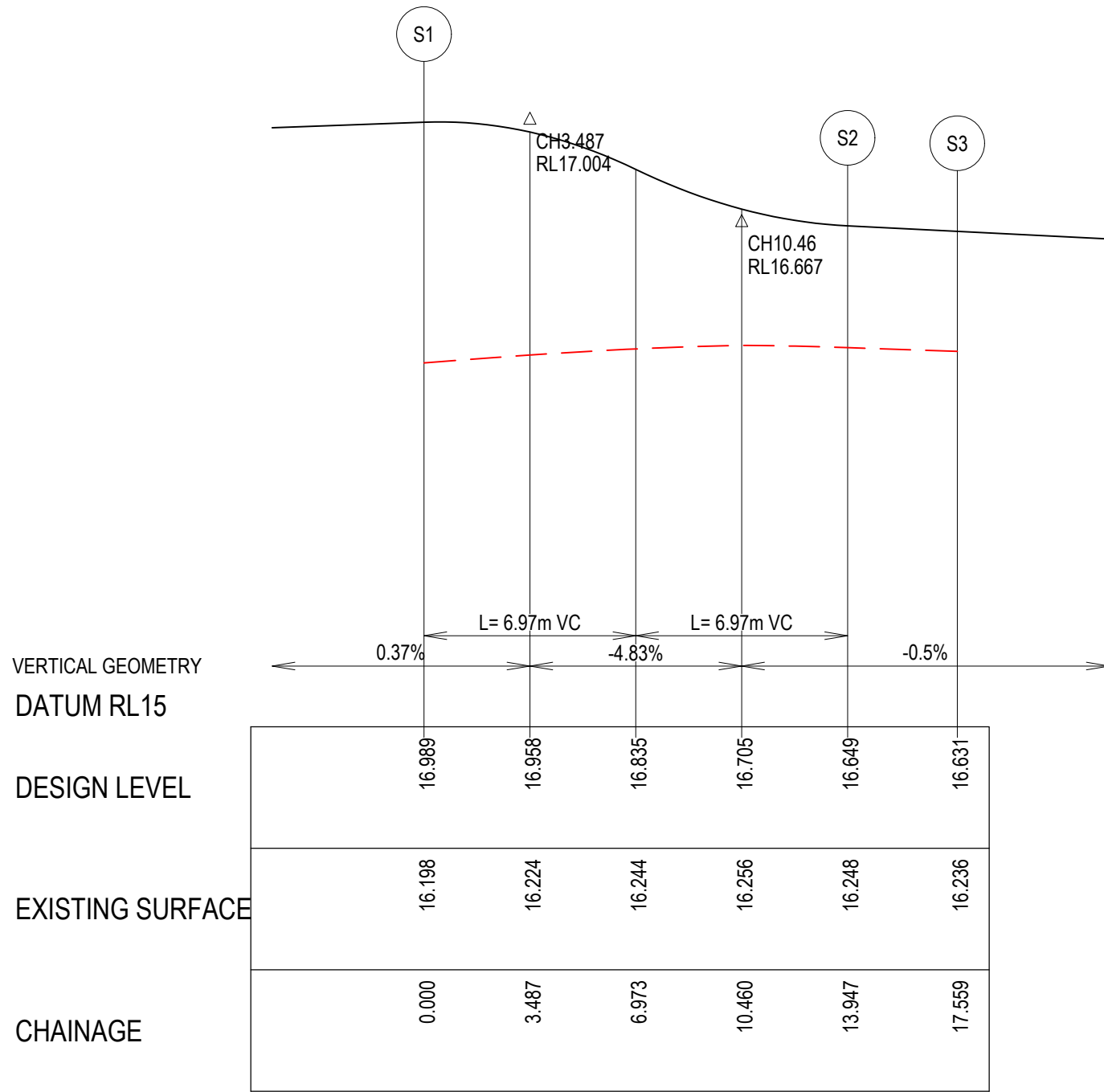
CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
Q2 - Q3	91.211	9.000	14.327	2.704	2.000	3.488	2.943	3.582	16.910



ALIGNMENT T

PT NO	EASTING	NORTHING	RL
T1	268815.105	5790089.273	16.631
T2	268815.461	5790092.353	16.647
T3	268807.552	5790102.326	16.915

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
T2 - T3	90.000	9.000	14.137	2.636	1.951	3.444	2.920	3.534	16.798



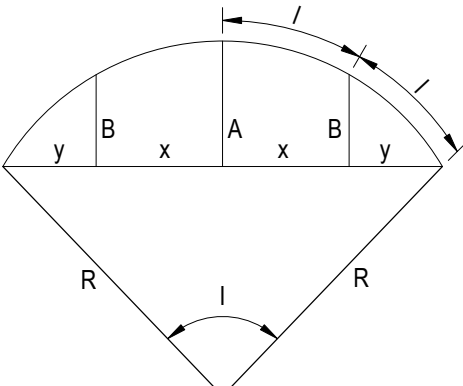
ALIGNMENT S

PT NO	EASTING	NORTHING	RL
S1	268832.158	5790099.998	16.989
S2	268822.374	5790092.070	16.649
S3	268821.959	5790088.482	16.631

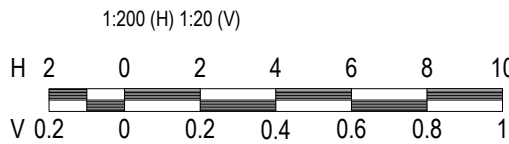
CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
S1 - S2	88.789	9.000	13.947	2.569	1.902	3.400	2.896	3.487	16.835

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

- LEGEND - INTERSECTION PLAN**
- STORMWATER DRAIN & PIT
 - TACTILE PAVERS
 - PROPOSED PAVEMENT, KERB & CHANNEL
 - FOOTPATH & DRIVEWAY
 - CROWN/GRADELINE
 - MINOR CONTOUR 0.05m INTERVAL
 - MAJOR CONTOUR 0.1m INTERVAL
- LEGEND - SECTION**
- EXISTING SURFACE
 - DESIGN LINE
 - INTERSECTION POINT



LIP PROFILE SETOUT



NOTE
FOR SIGNS & LINEMARKING PLAN
REFER SHEETS R800.

WARNING
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE



Suite 2, 2 Bloomsbury Street
Newtown, VIC, Australia 3220



**CORIDALE ESTATE - STAGE 22
INTERSECTION DETAILS - 1**

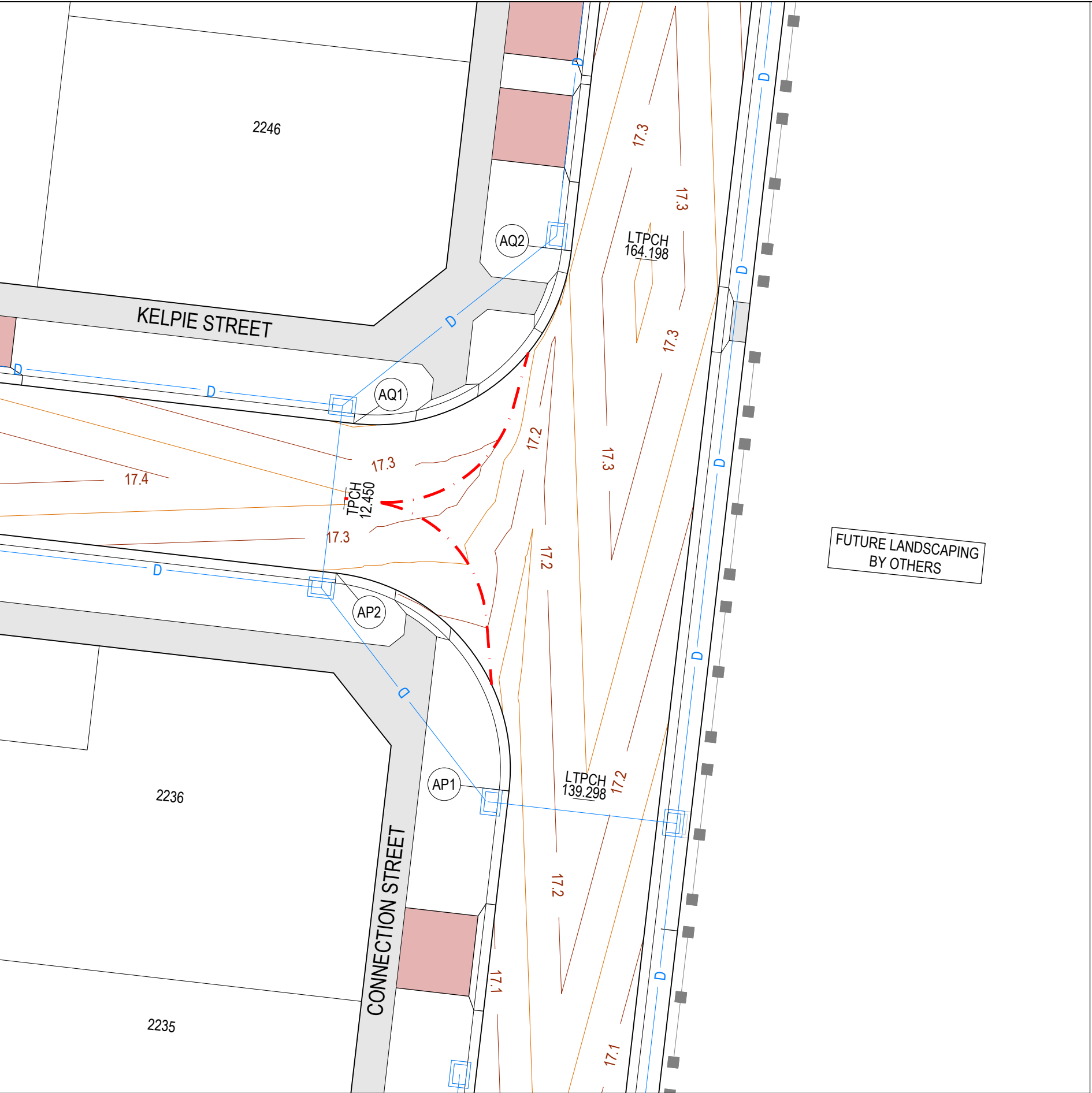
REGISTERED ENGINEER
NAME: J. RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

**ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION**

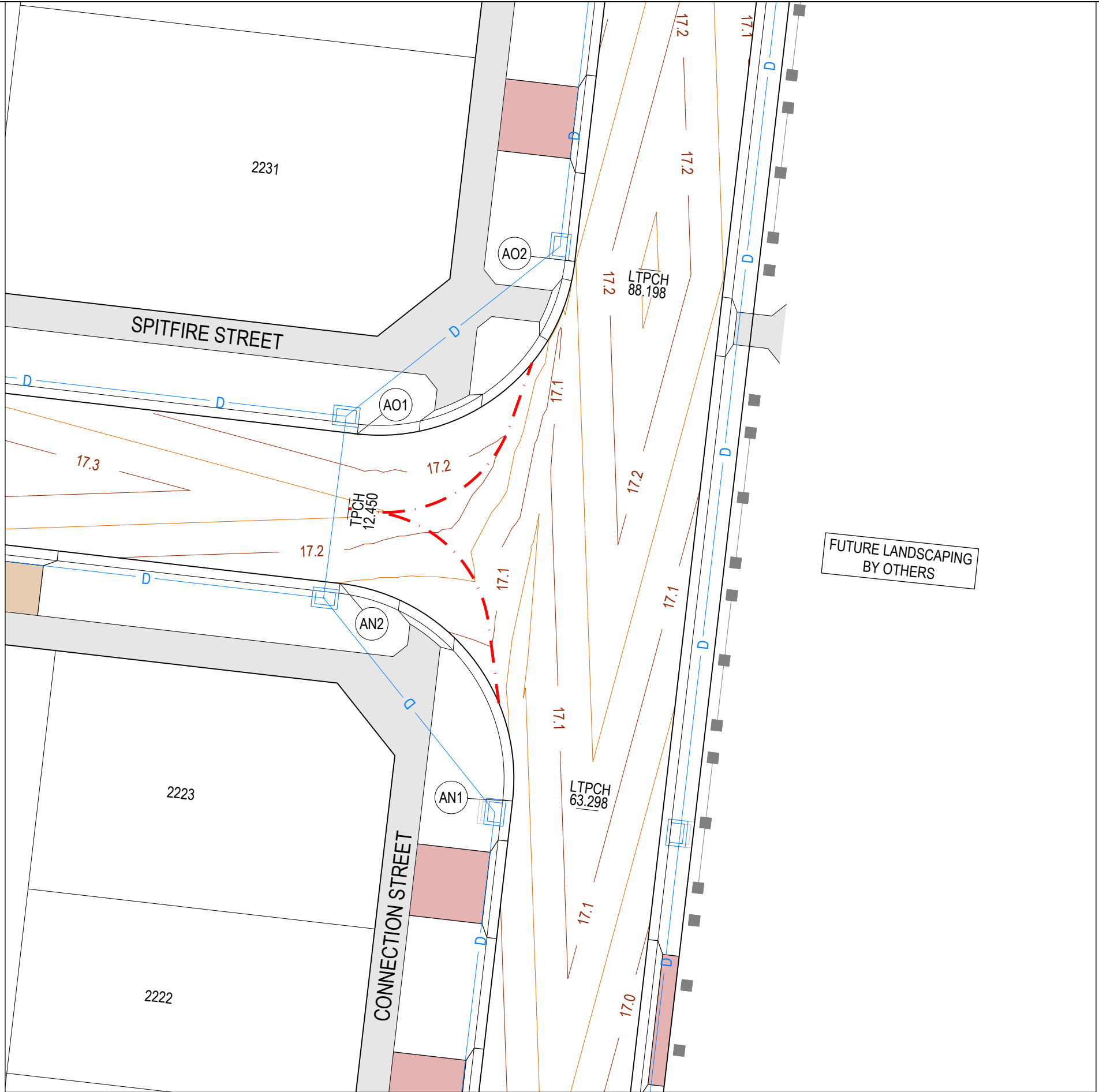
SCALE @ A1:

AS SHOWN

DESIGNED	I.HOGAN	PROJECT ENGINEER	J.RAMSAY
DRAWN	I.HOGAN	PROJECT MANAGER	M.TROUNCE
PROJECT No.	180014.22	DRAWING No.	R300
REVISION			A



CONNECTION STREET & KELPIE STREET INTERSECTION

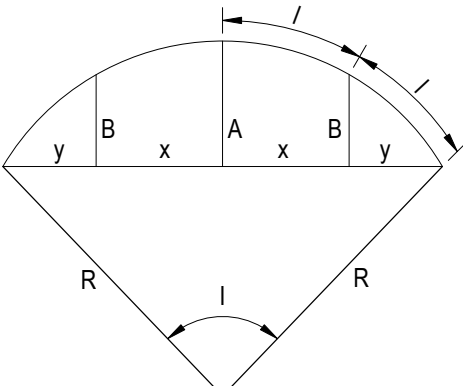


CONNECTION STREET & SPITFIRE STREET INTERSECTION

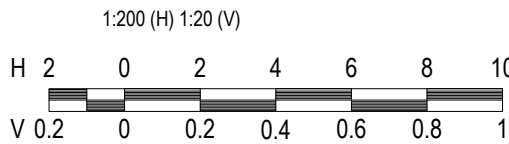


CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

- LEGEND - INTERSECTION PLAN**
- STORMWATER DRAIN & PIT
 - TACTILE PAVERS
 - PROPOSED PAVEMENT, KERB & CHANNEL
 - FOOTPATH & DRIVEWAY
 - CROWN/GRADELINE
 - MINOR CONTOUR 0.05m INTERVAL
 - MAJOR CONTOUR 0.1m INTERVAL
- LEGEND - SECTION**
- EXISTING SURFACE
 - DESIGN LINE
 - INTERSECTION POINT

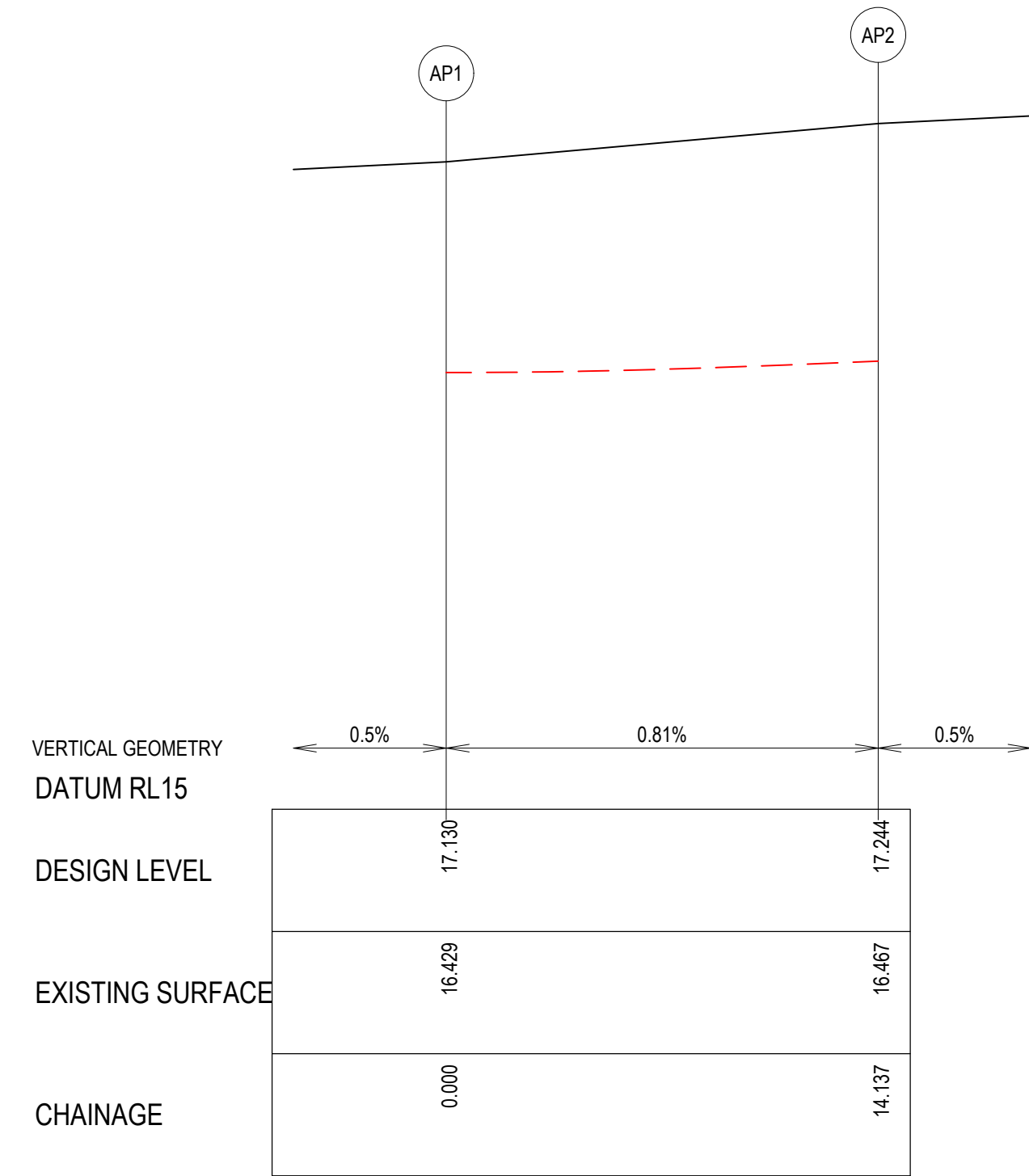


LIP PROFILE SETOUT



NOTE
FOR SIGNS & LINEMARKING PLAN
REFER SHEETS R800.

WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
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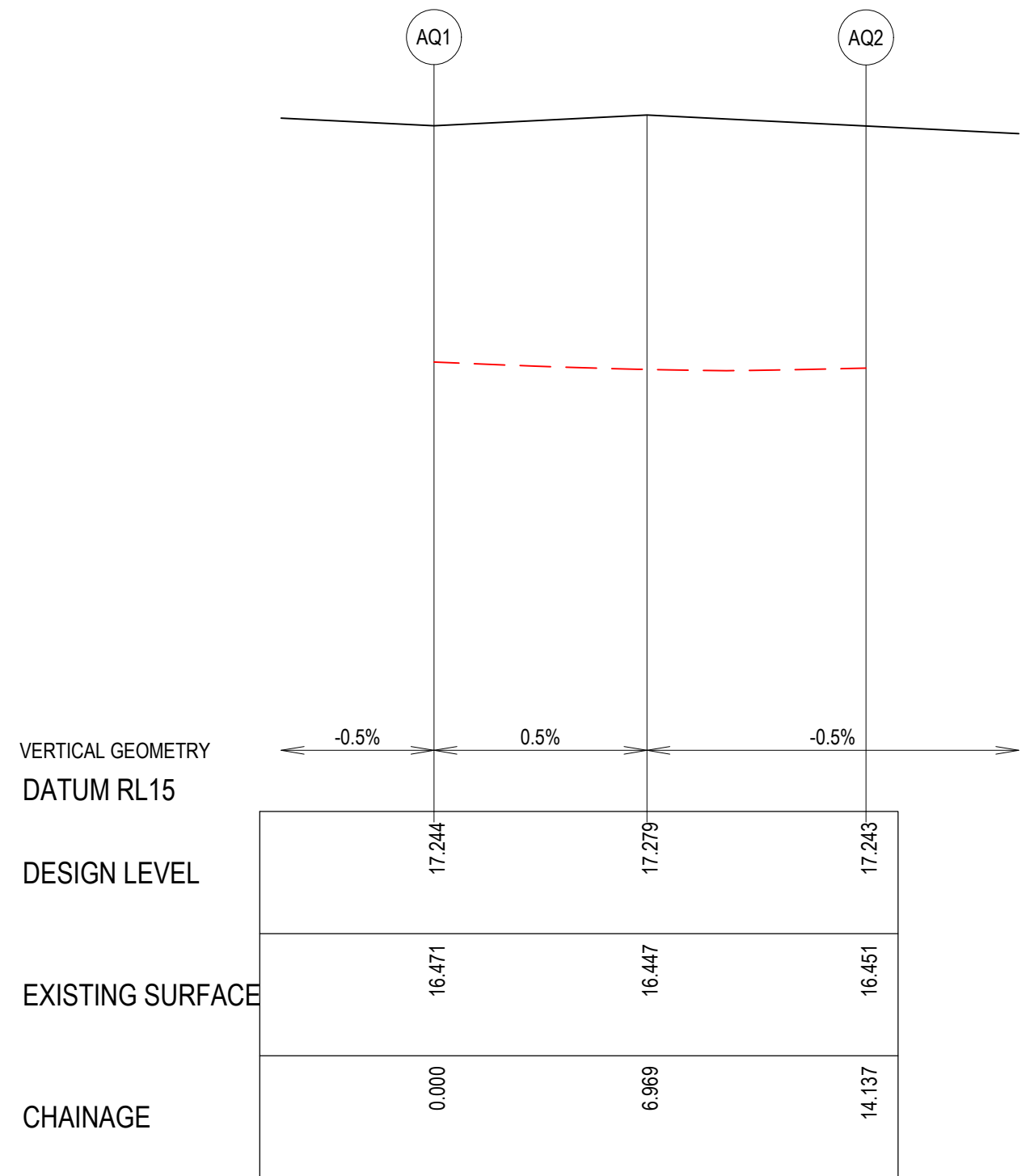


LIP LINE AP

ALIGNMENT AP

PT NO	EASTING	NORTHING	RL
AP1	268832.834	5790242.803	17.130
AP2	268824.925	5790252.776	17.244

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
AP1 - AP2	90.000	9.000	14.137	2.636	1.951	3.444	2.920	3.534	17.182

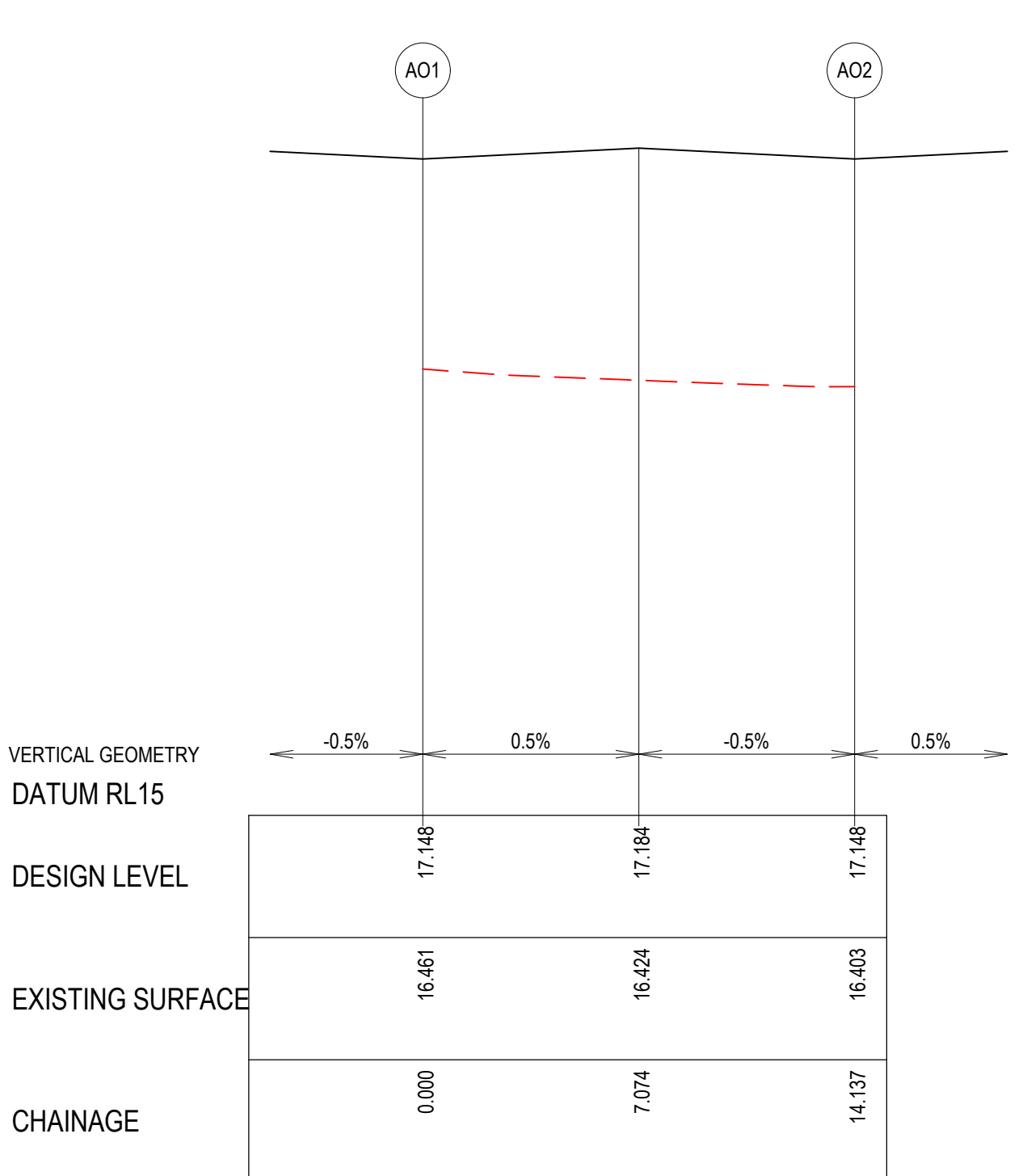


LIP LINE AQ

ALIGNMENT AQ

PT NO	EASTING	NORTHING	RL
AQ1	268825.717	5790259.631	17.244
AQ2	268835.690	5790267.539	17.243

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
AQ1 - AQ2	89.999	9.000	14.137	2.636	1.951	3.444	2.920	3.534	17.279

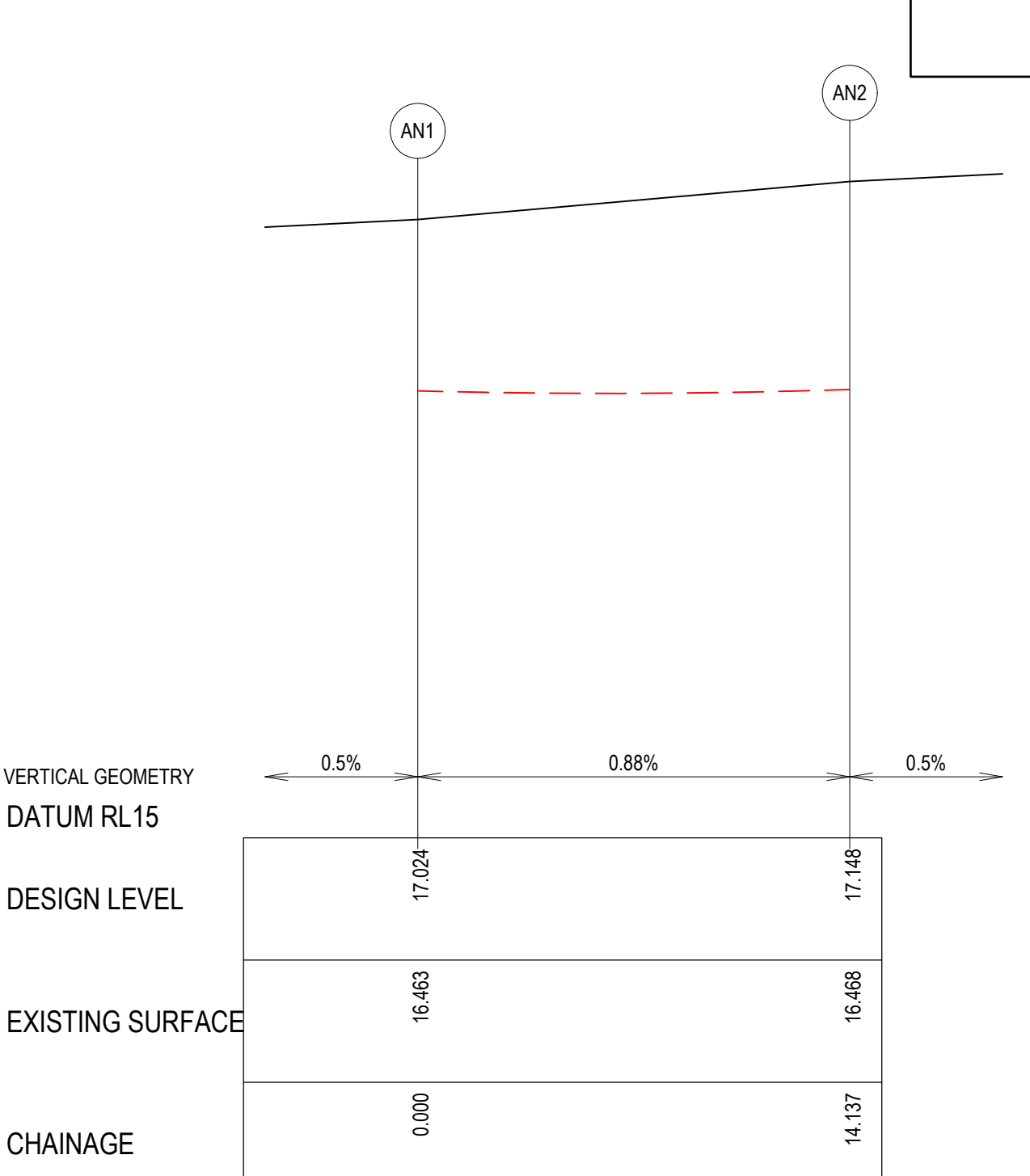


LIP LINE AO

ALIGNMENT AO

PT NO	EASTING	NORTHING	RL
AO1	268816.999	5790184.132	17.148
AO2	268826.972	5790192.040	17.148

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
AO1 - AO2	90.000	9.000	14.137	2.636	1.951	3.444	2.920	3.534	17.184



LIP LINE AN

ALIGNMENT AN

PT NO	EASTING	NORTHING	RL
AN1	268824.116	5790167.305	17.024
AN2	268816.207	5790177.278	17.148

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
AN1 - AN2	90.000	9.000	14.137	2.636	1.951	3.444	2.920	3.534	17.086

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE



CORIDALE ESTATE - STAGE 22
INTERSECTION DETAILS - 2

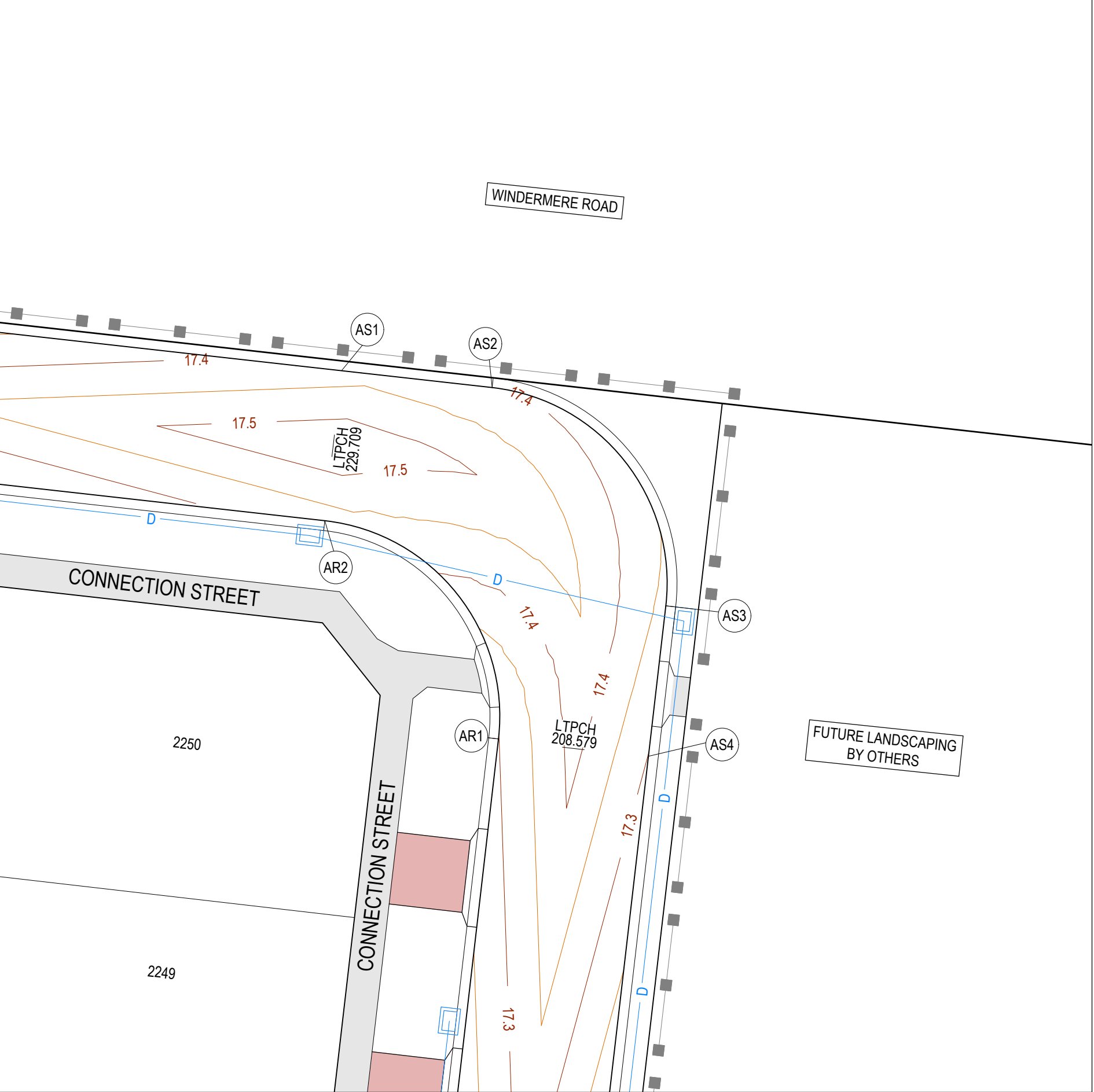
REGISTERED ENGINEER
NAME: J.RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

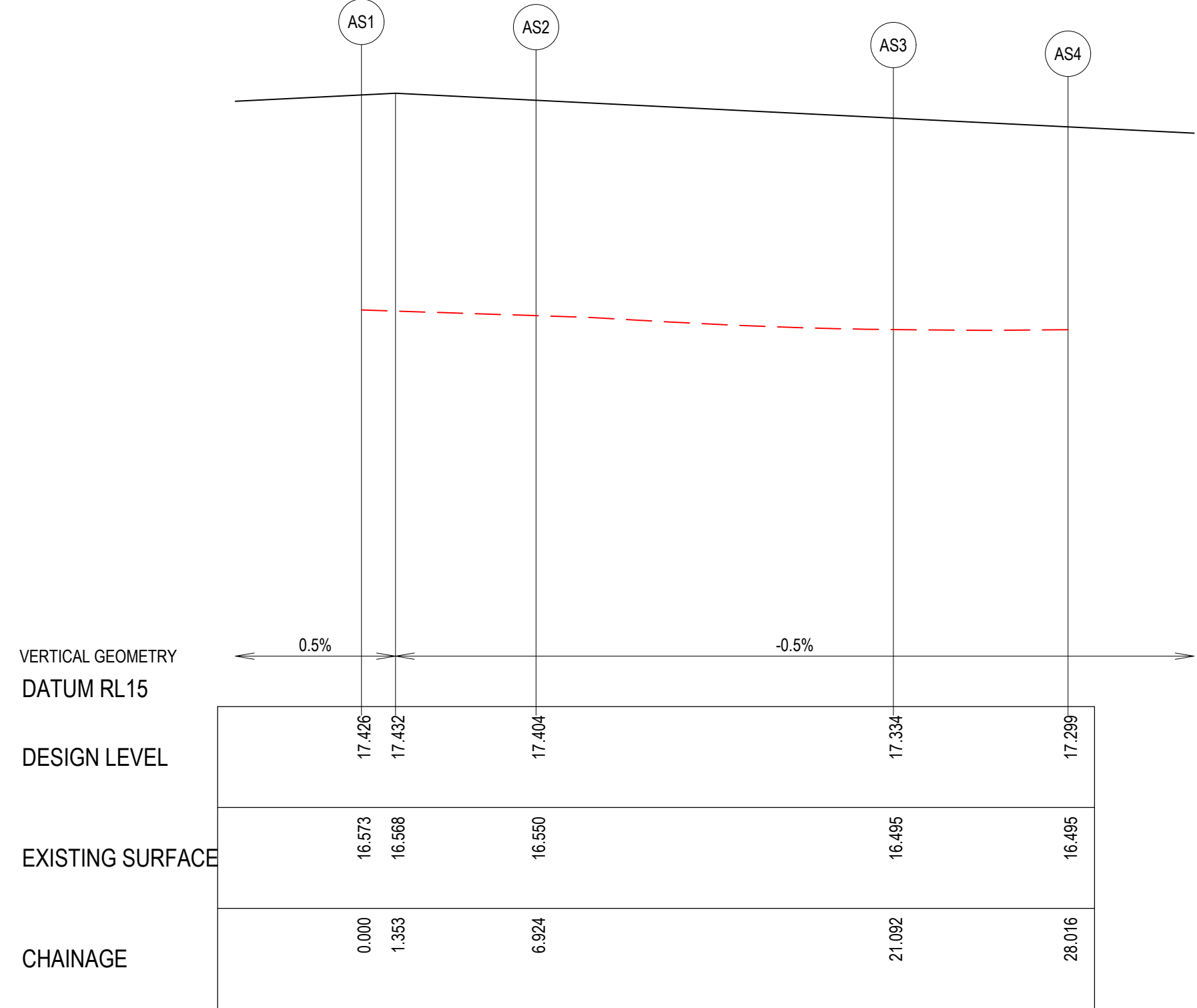
SCALE @ A1 :
AS SHOWN

180014.22

DESIGNED	I.HOGAN	PROJECT ENGINEER	J.RAMSAY
DRAWN	I.HOGAN	PROJECT MANAGER	M.TROUNCE
PROJECT No.	180014.22	DRAWING No.	R301
REVISION			A



CONNECTION STREET 90° BEND

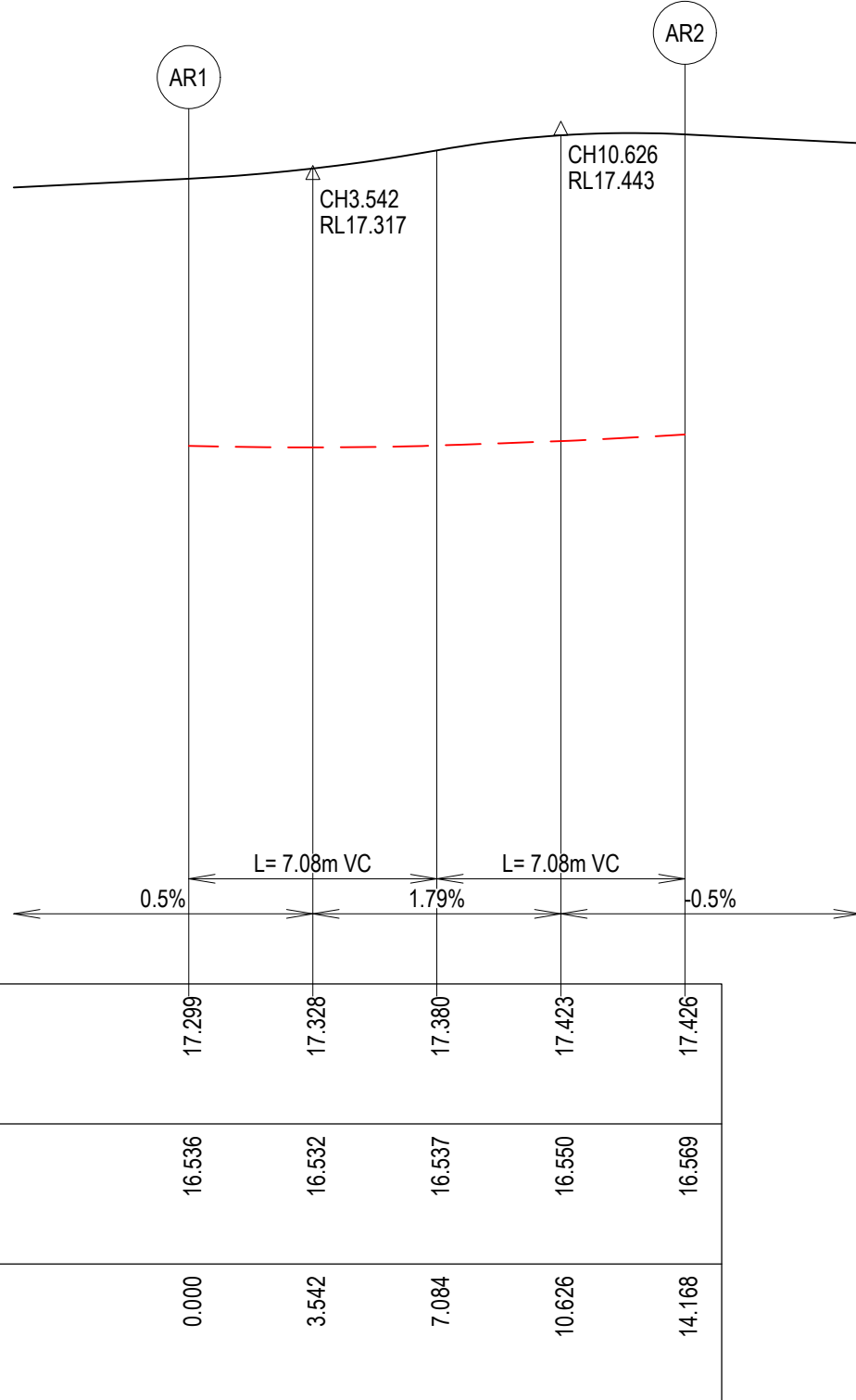


ALIGNMENT AS

LIP LINE AS

PT NO	EASTING	NORTHING	RL
AS1	268833.614	5790328.498	17.426
AS2	268840.495	5790327.728	17.404
AS3	268848.434	5790317.751	17.334
AS4	268847.640	5790310.873	17.299

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
AS2 - AS3	90.198	9.000	14.168	2.647	1.959	3.451	2.924	3.542	17.369

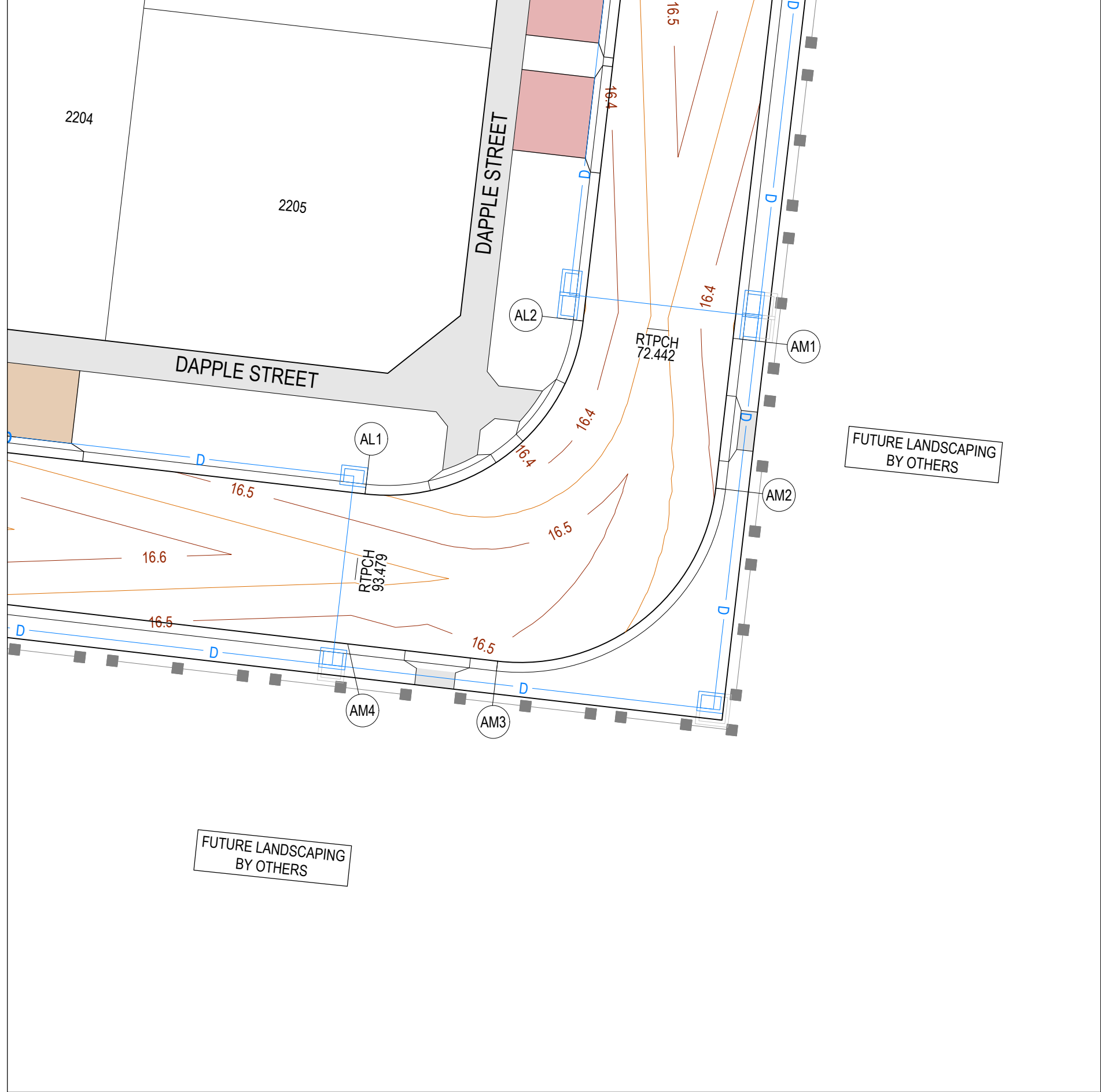


ALIGNMENT AR

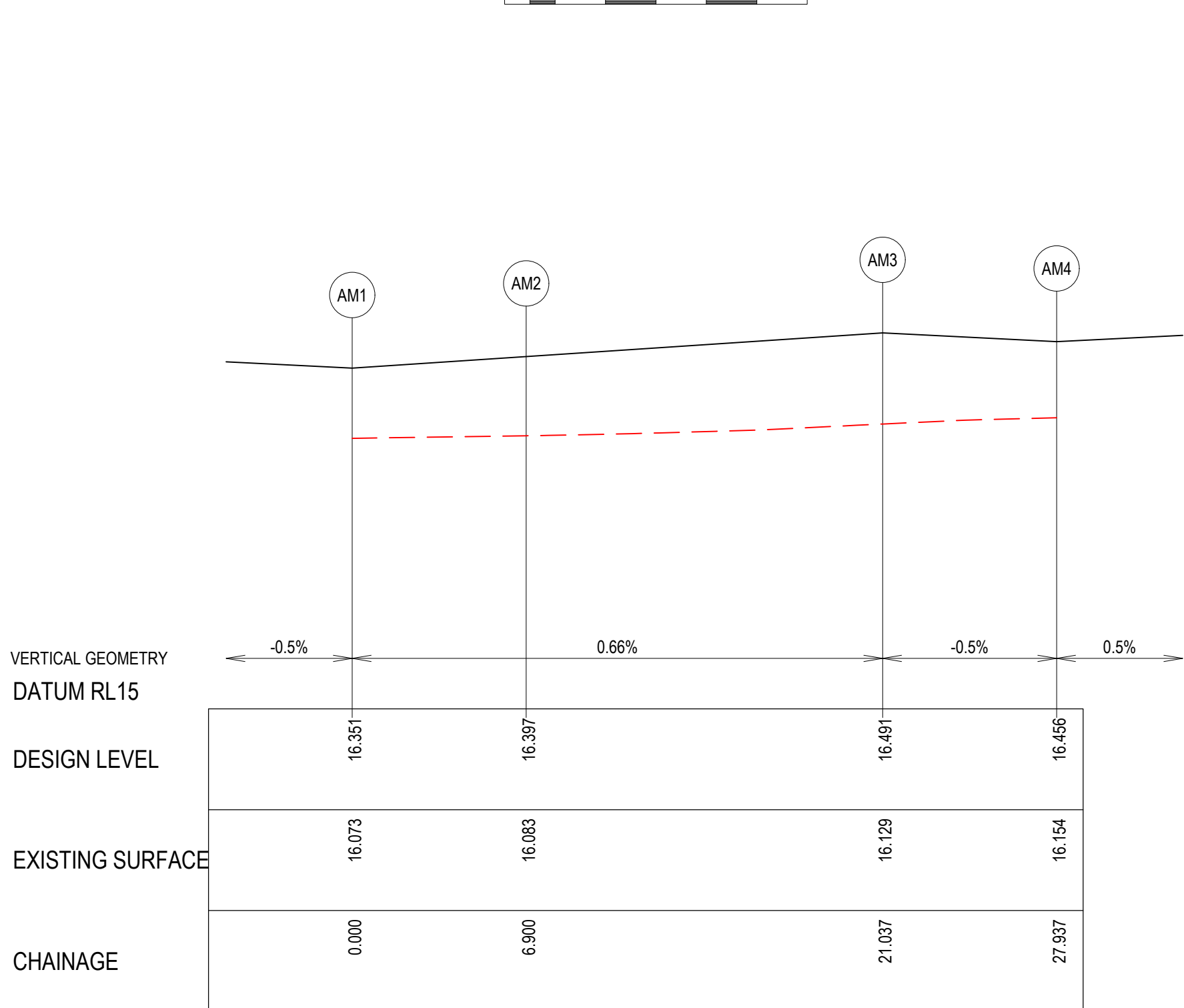
LIP LINE AR

PT NO	EASTING	NORTHING	RL
AR1	268840.785	5790311.665	17.299
AR2	268832.846	5790321.641	17.426

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
AR1 - AR2	90.198	9.000	14.168	2.647	1.959	3.451	2.924	3.542	17.380



DAPPLE STREET 90° BEND



ALIGNMENT AM

LIP LINE AM

PT NO	EASTING	NORTHING	RL
AM1	268815.399	5790031.669	16.351
AM2	268814.608	5790024.815	16.397
AM3	268804.635	5790016.906	16.491
AM4	268797.780	5790017.698	16.456

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
AM2 - AM3	90.000	9.000	14.137	2.636	1.951	3.444	2.920	3.534	16.444

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

LEGEND - INTERSECTION PLAN

- STORMWATER DRAIN & PIT
- TACTILE PAVERS
- PROPOSED PAVEMENT, KERB & CHANNEL
- FOOTPATH & DRIVEWAY
- CROWN/GRADELINE
- MINOR CONTOUR 0.05m INTERVAL
- MAJOR CONTOUR 0.1m INTERVAL

LEGEND - SECTION

- EXISTING SURFACE
- DESIGN LINE
- INTERSECTION POINT

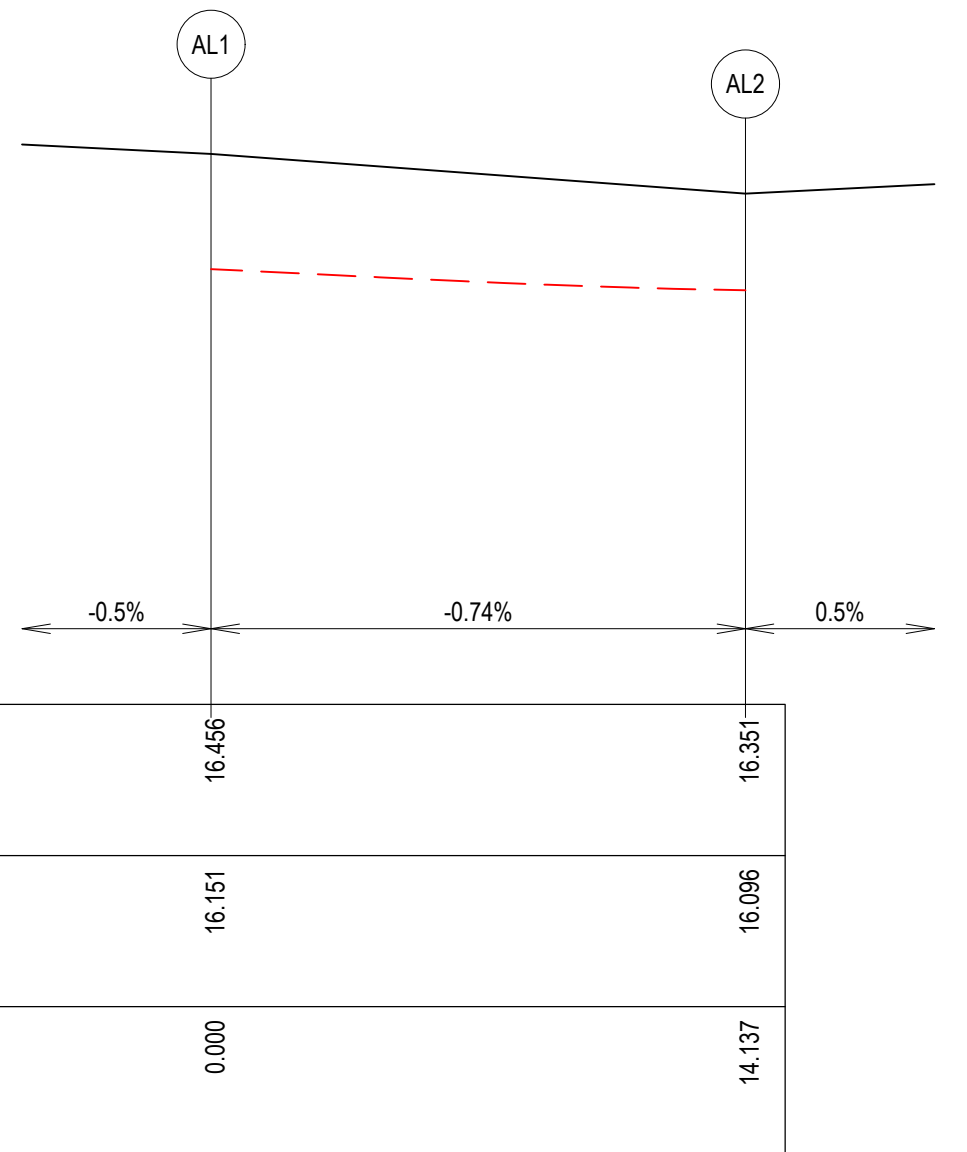
LIP PROFILE SETOUT

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

H 2 0 2 4 6 8 10
V 0.2 0 0.2 0.4 0.6 0.8 1

NOTE
FOR SIGNS & LINEMARKING PLAN
REFER SHEETS R800.

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
BEFORE YOU DIG
www.byda.com.au



ALIGNMENT AL

LIP LINE AL

PT NO	EASTING	NORTHING	RL
AL1	268798.572	5790024.552	16.456
AL2	268808.545	5790032.461	16.351

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
AL1 - AL2	90.000	9.000	14.137	2.636	1.951	3.444	2.920	3.534	16.404

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE

villawood
properties

creo
CIVIL

Suite 2, 2 Bloomsbury Street
Newtown, VIC, Australia 3220

Coridale
LARA

REGISTERED ENGINEER
NAME: J RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

Coridale
LARA

REGISTERED ENGINEER
NAME: J RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

CORIDALE ESTATE - STAGE 22
INTERSECTION DETAILS - 3

REGISTERED ENGINEER
NAME: J RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

SCALE @ A1:
AS SHOWN

180014.22

DESIGNED
I.HOGAN

DRAWN
I.HOGAN

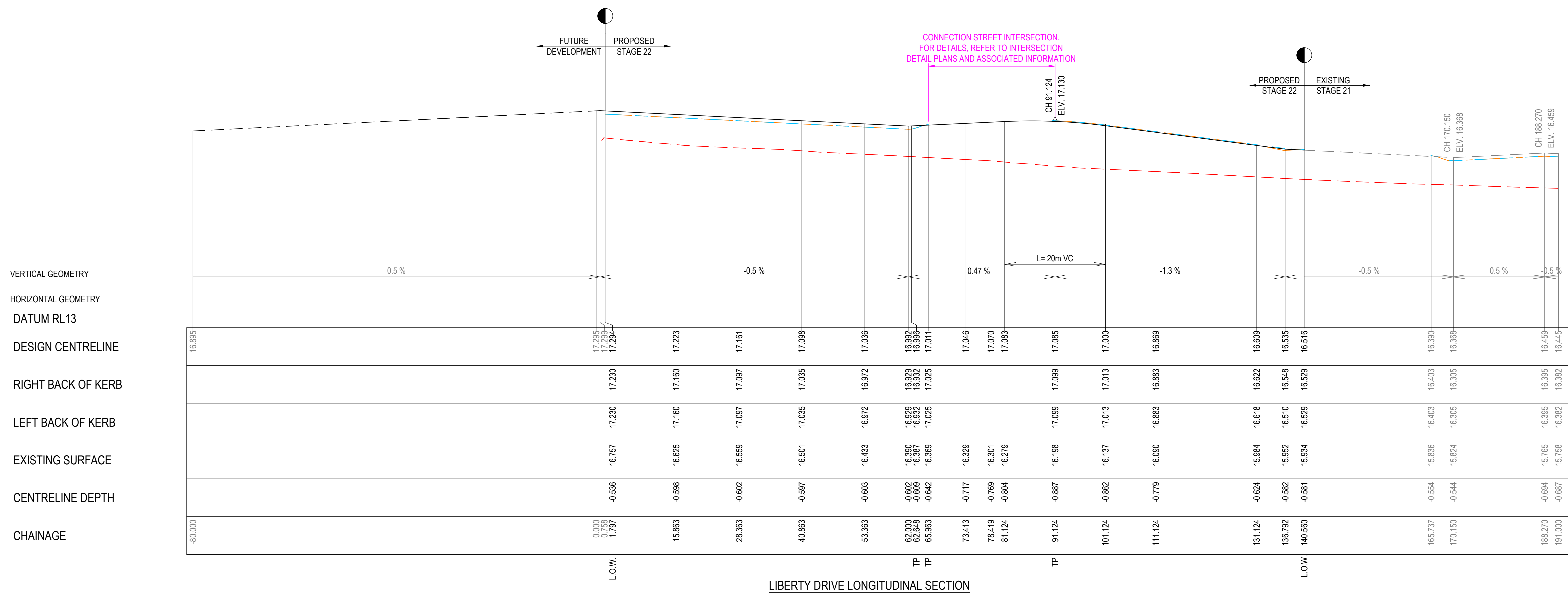
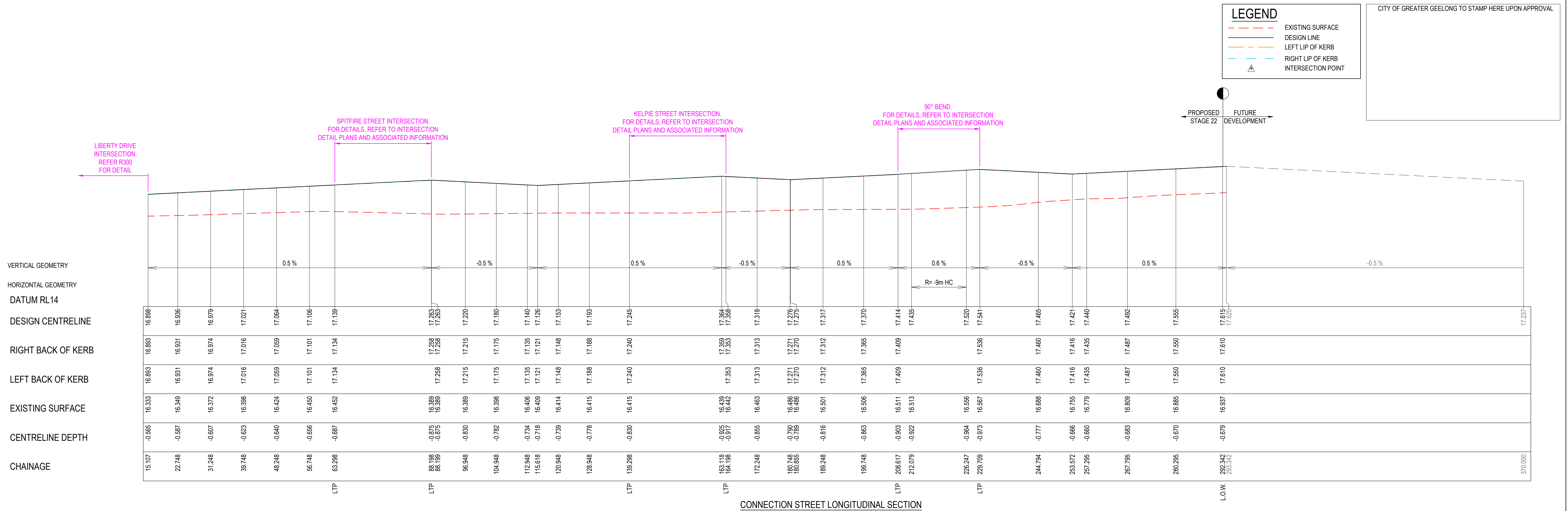
PROJECT No.
180014.22

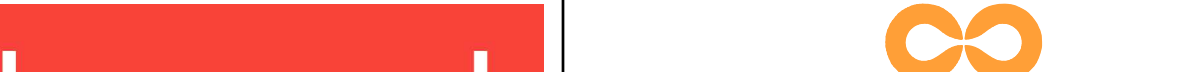
PROJECT ENGINEER
J.RAMSAY

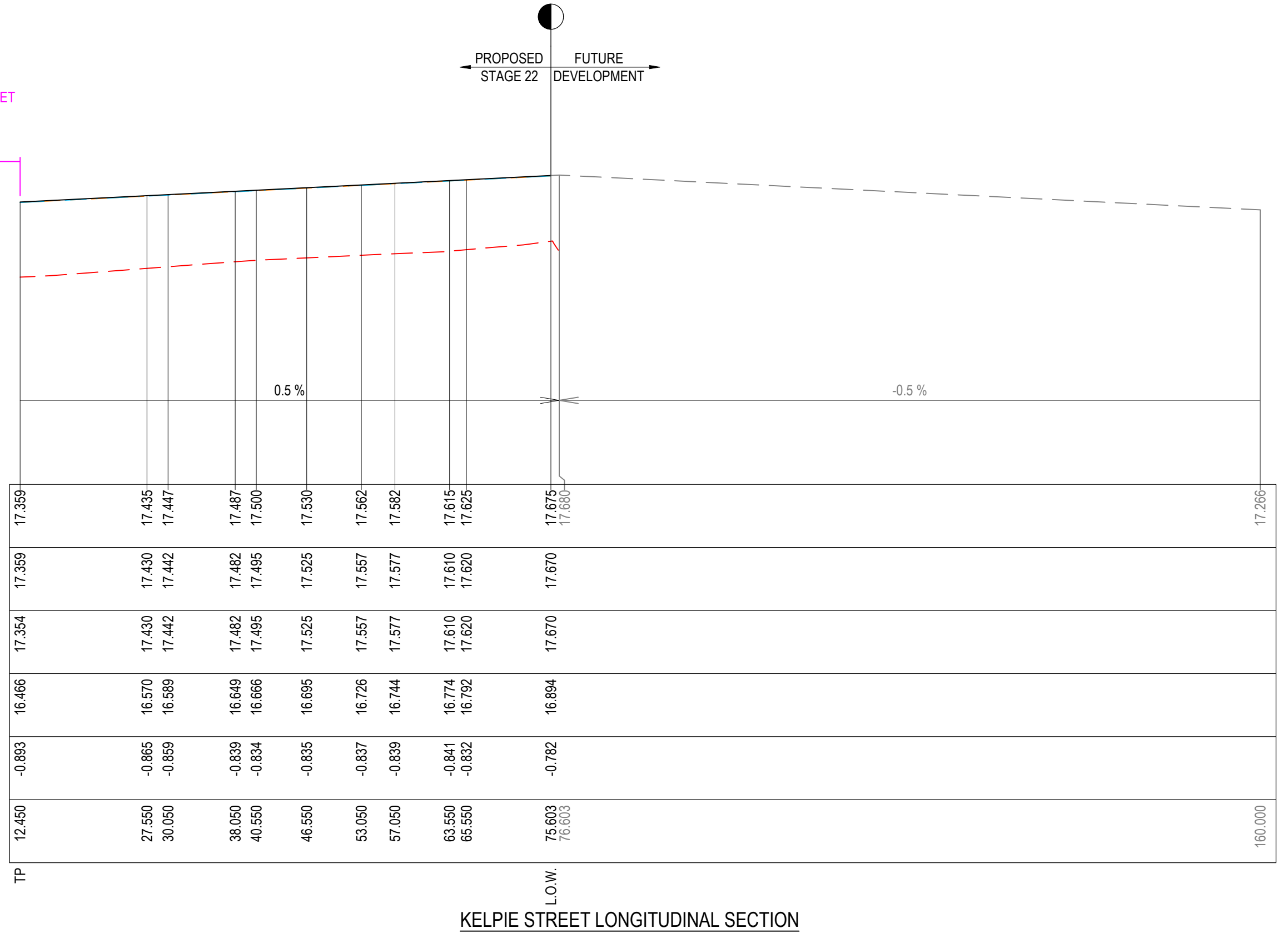
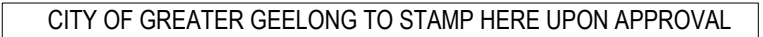
PROJECT MANAGER
M.TROUNCE

DRAWING No.
R302

REVISION
A

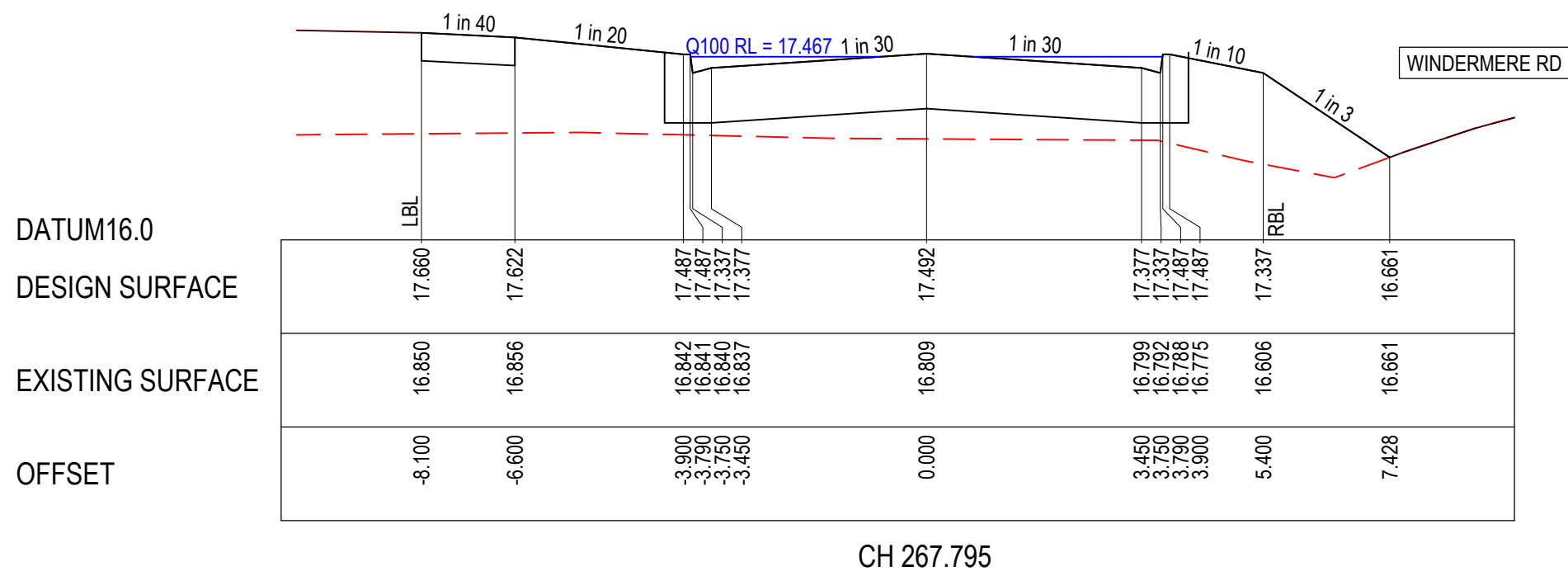
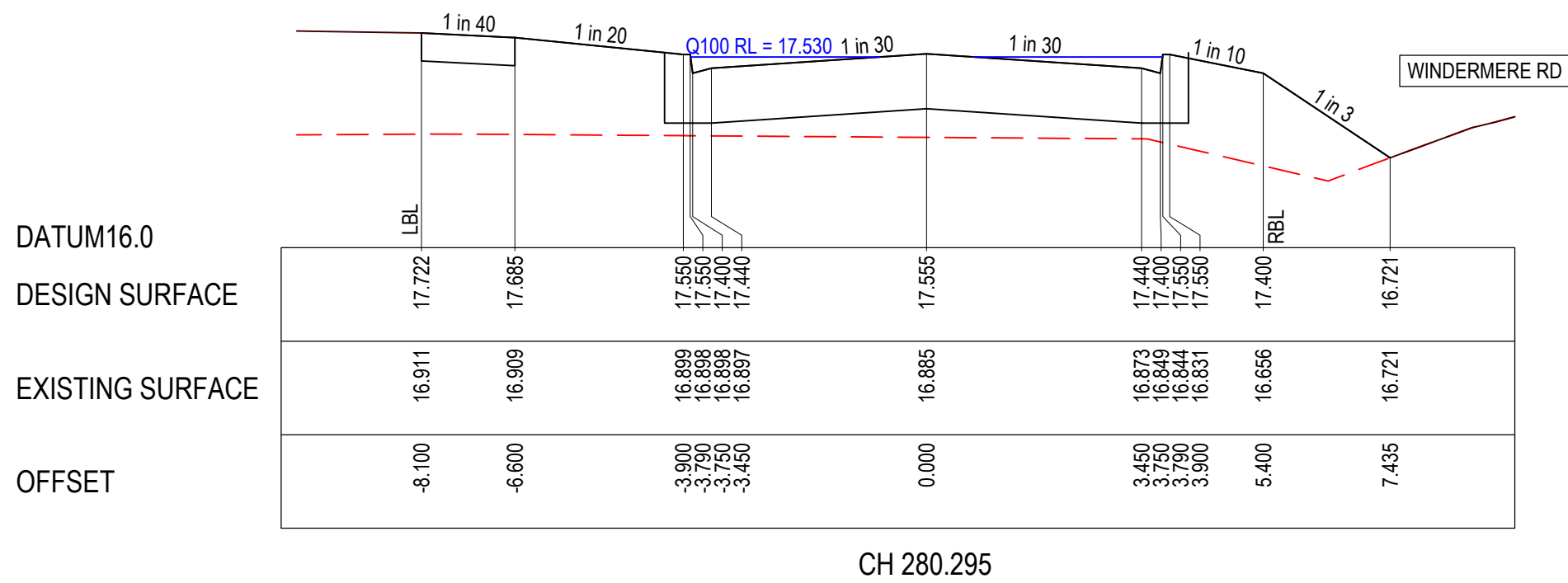
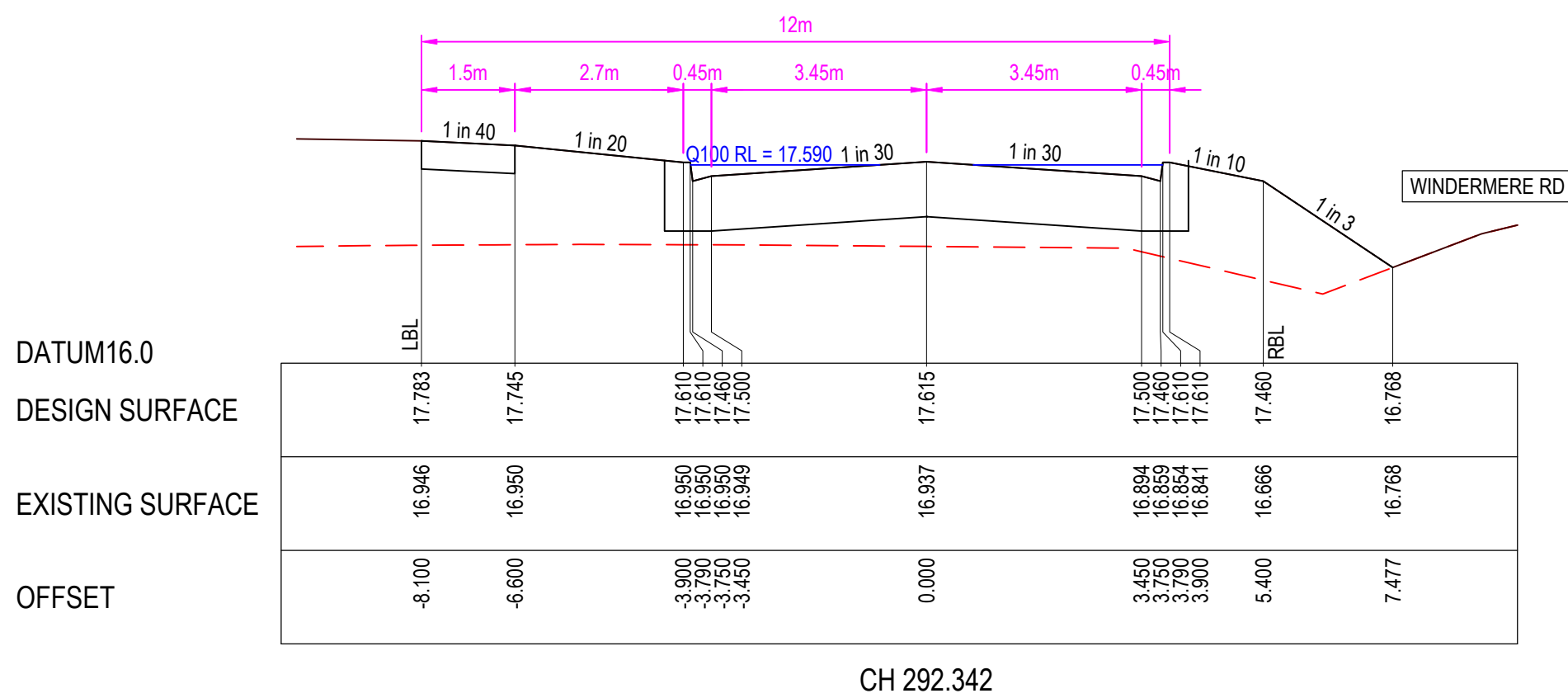
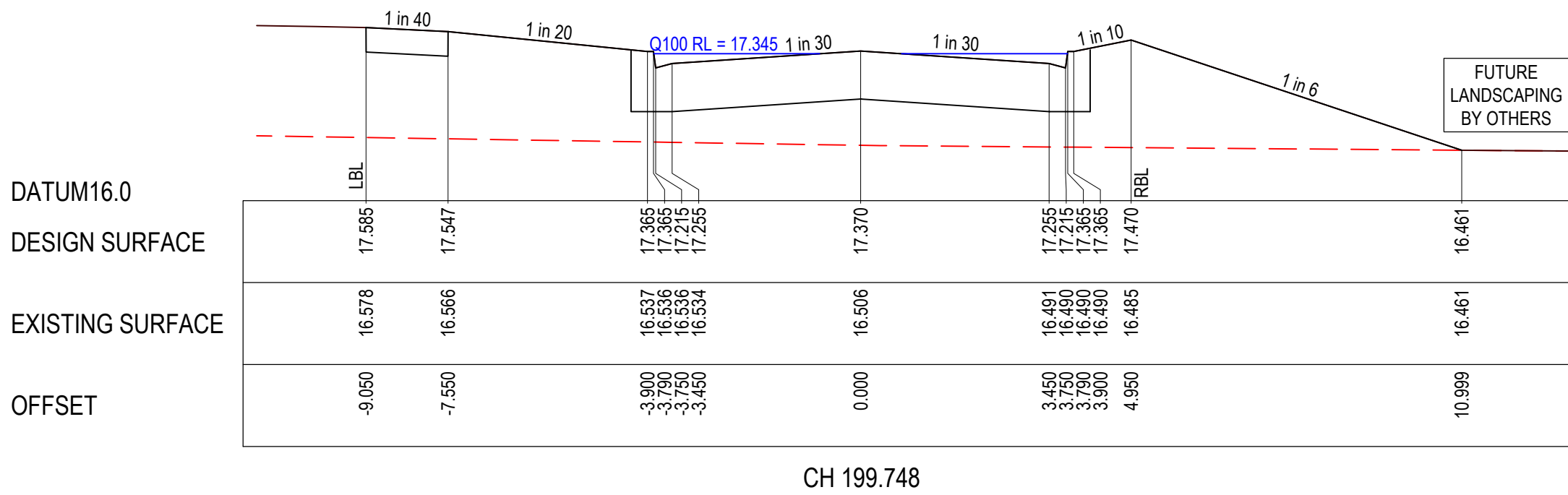
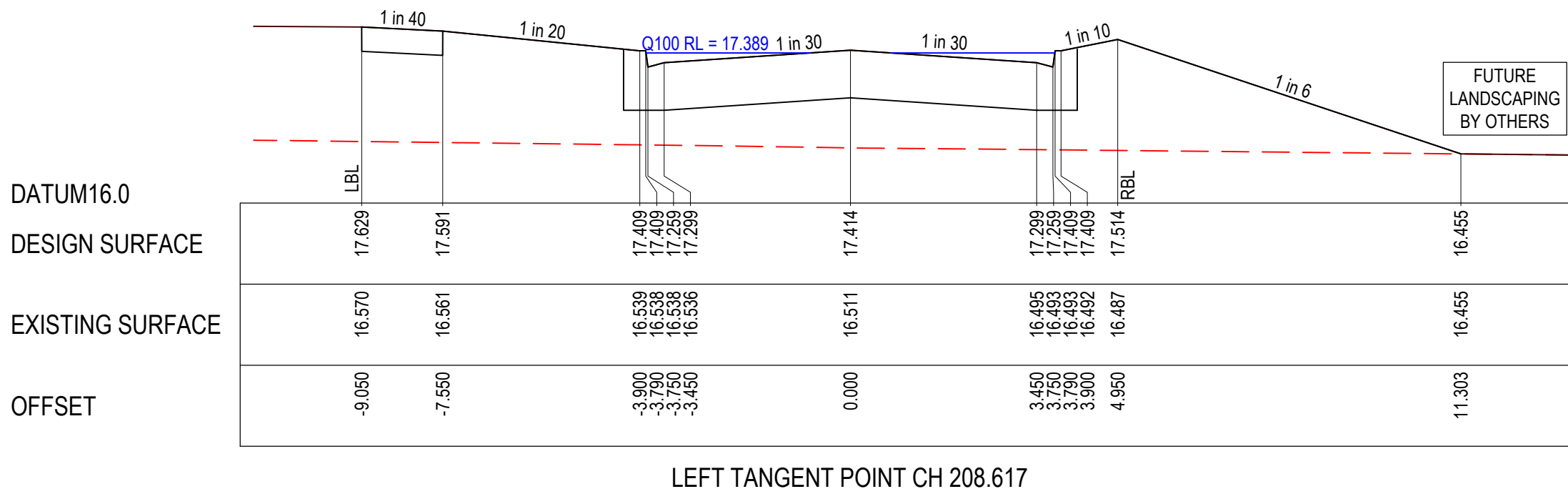
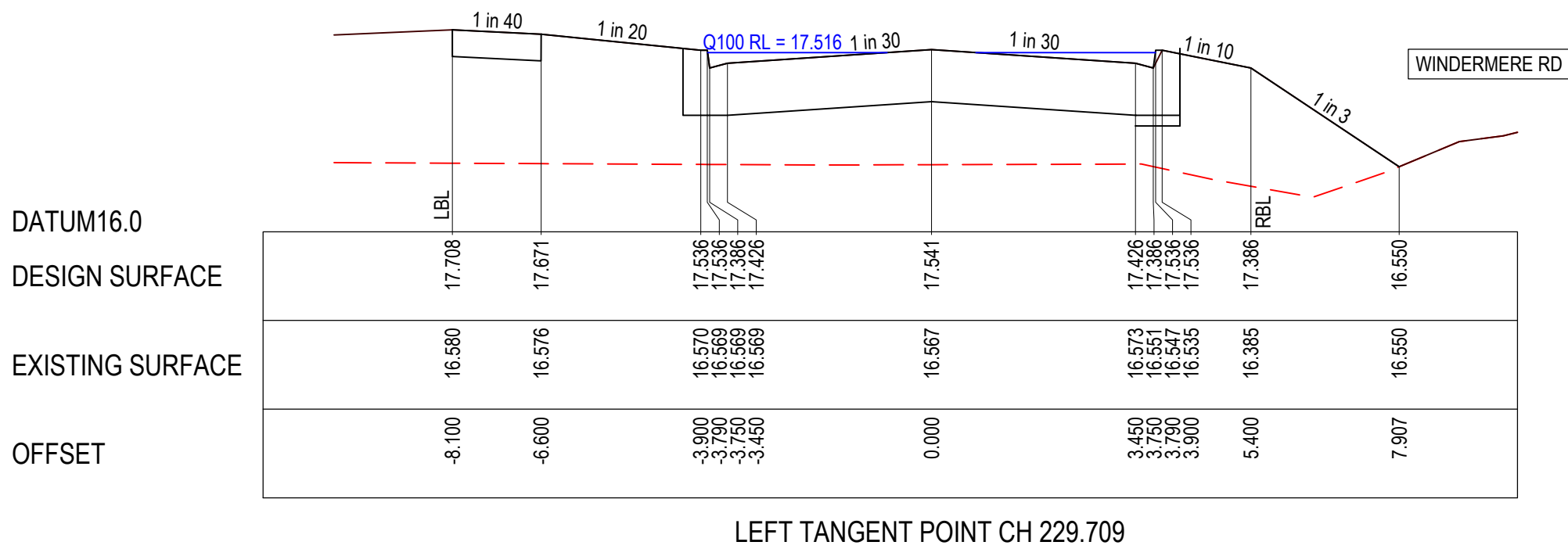
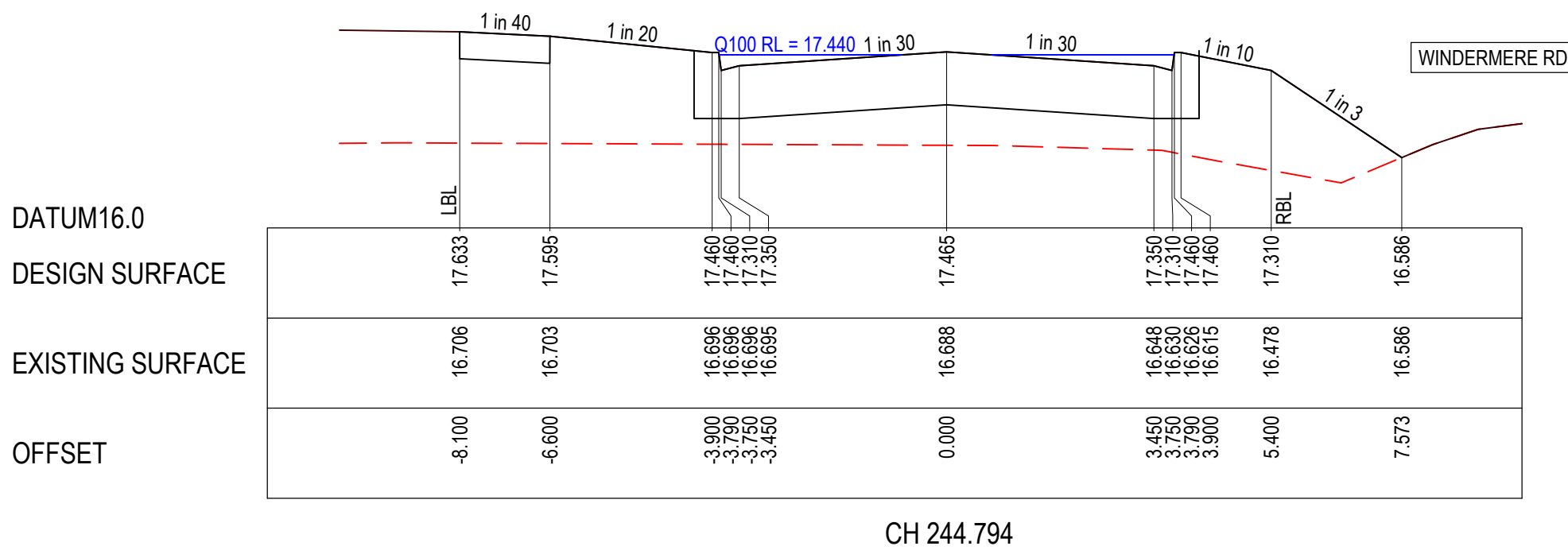
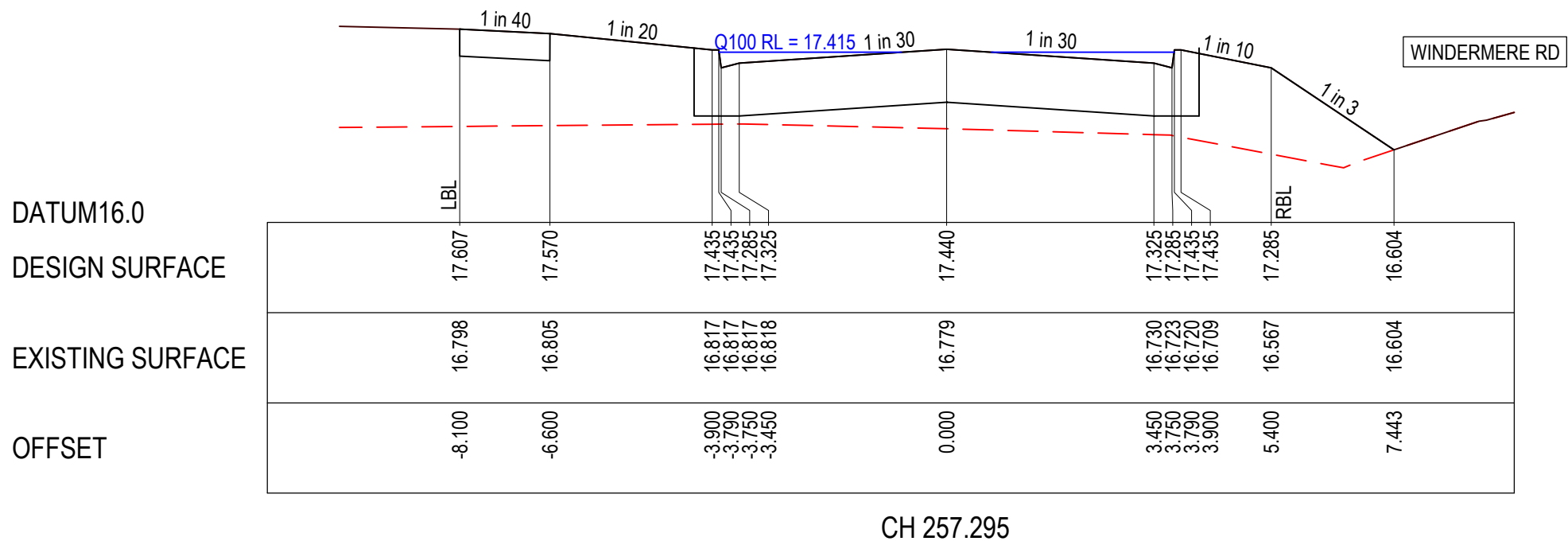


REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	DESIGNED	PROJECT ENGINEER
						  Suite 2, 2 Bloomsbury Street Newtown, VIC, Australia 3220		CORIDALE ESTATE - STAGE 22 LONGITUDINAL SECTIONS - 1 CONNECTION ST & LIBERTY DR REGISTERED ENGINEER NAME: J.RAMSAY PE REG. NO: PE0015586 LOCAL AUTHORITY: CITY OF GREATER GEELONG PLANNING PERMIT No: PP-496-2018	ISSUED FOR APPROVAL NOT FOR CONSTRUCTION SCALE @ A1 : 1:500 (H) 1:50 (V) H 10 5 0 10 20 V 1 0.5 0 1 2	I.HOGAN	J.RAMSAY
					I.HOGAN				M.TROUNCE		
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE						



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	DESIGNED	PROJECT ENGINEER	
						 Suite 2, 2 Bloomsbury Street Newtown, VIC, Australia 3220	 Coridale LARA	CORIDALE ESTATE - STAGE 22 LONGITUDINAL SECTIONS - 2 DAPPLE ST, SPITFIRE ST & KELPIE ST REGISTERED ENGINEER NAME: J RAMSAY PE REG. NO: PE0015586 LOCAL AUTHORITY: CITY OF GREATER GEELONG PLANNING PERMIT No: PP-496-2018	ISSUED FOR APPROVAL NOT FOR CONSTRUCTION SCALE @ A1 : 1:500 (H) 1:50 (V) H 10 5 0 10 20 V 1 0.5 0 1 2	I.HOGAN	J.RAMSAY	
					I.HOGAN					M.TROUNCE		
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE							
										PROJECT No. 180014.22	DRAWING No. R401	REVISION A

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL



LEGEND

- EXISTING SURFACE
- DESIGN LINE
- Q100

NOTE:

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

NOTE:

"SELECT 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, DATE 01/03/2022)

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE



DRAWING TITLE

**CORIDALE ESTATE - STAGE 22
ROAD CROSS SECTIONS - 2
CONNECTION ST**

REGISTERED ENGINEER
NAME: J. RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

STATUS

**ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION**

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

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

DESIGNED	I.HOGAN	PROJECT ENGINEER	J.RAMSAY
DRAWN	I.HOGAN	PROJECT MANAGER	M.TROUNCE
PROJECT No.	180014.22	DRAWING No.	R501
		REVISION	A

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

DATUM16.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET

CH 53.363

DATUM16.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET

CH 40.863

DATUM16.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET

CH 28.363

DATUM16.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET

CH 15.863

DATUM16.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET

LIMIT OF WORKS CH 1.797

LEGEND

- EXISTING SURFACE
— DESIGN LINE
— Q100

NOTE:

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DATUM16.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET

TANGENT POINT CH 65.963

DATUM16.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET

TANGENT POINT CH 62.648

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE



Suite 2, 2 Bloomsbury Street
Newtown, VIC, Australia 3220



DRAWING TITLE
**CORIDALE ESTATE - STAGE 22
ROAD CROSS SECTIONS - 3
LIBERTY DR**

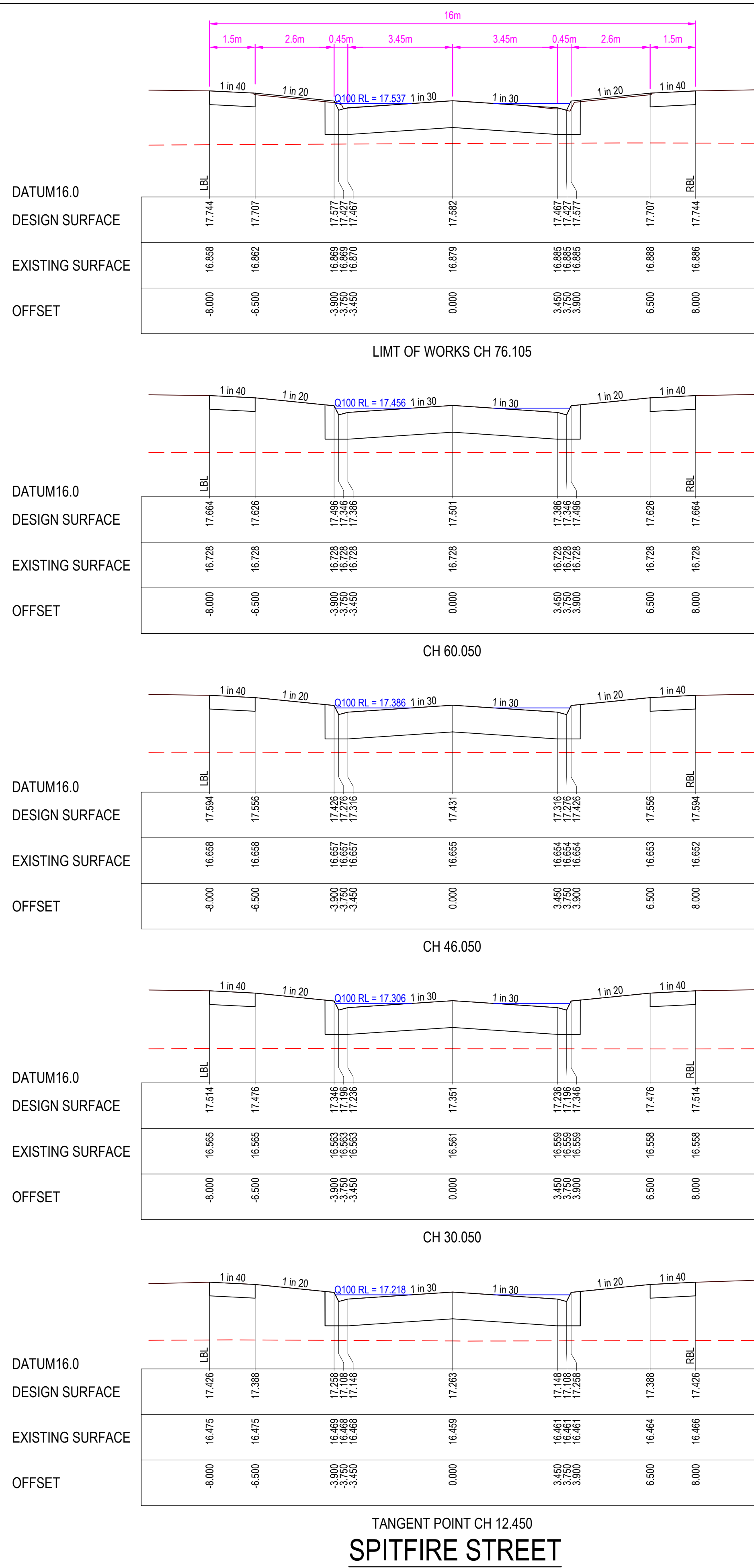
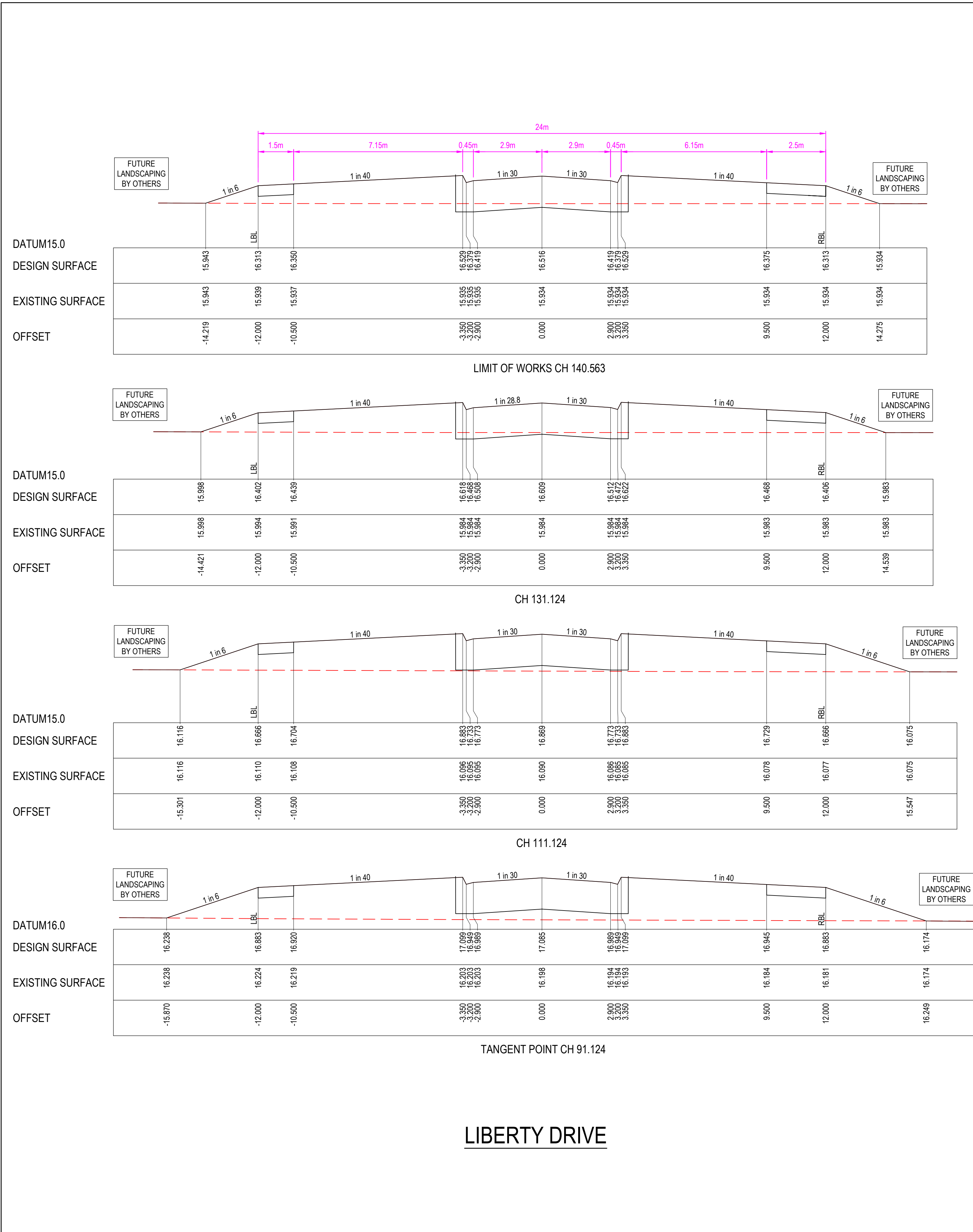
REGISTERED ENGINEER
NAME: J RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

STATUS
**ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION**

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

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

DESIGNED I.HOGAN	PROJECT ENGINEER J.RAMSAY
DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE
PROJECT No. 180014.22	DRAWING No. R502
	REVISION A



CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

LEGEND

- EXISTING SURFACE
- DESIGN LINE
- Q100

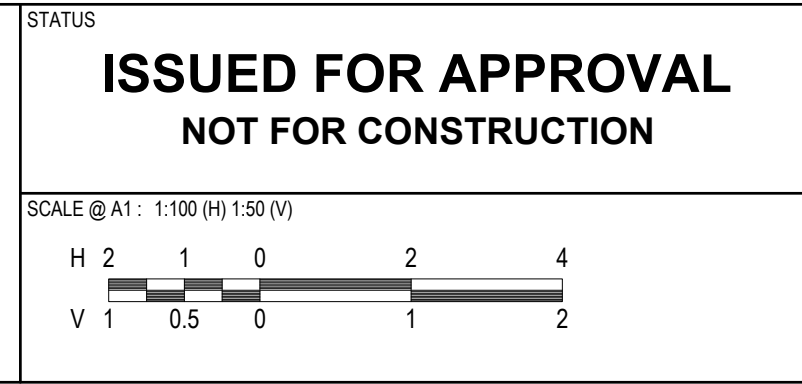
NOTE:

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

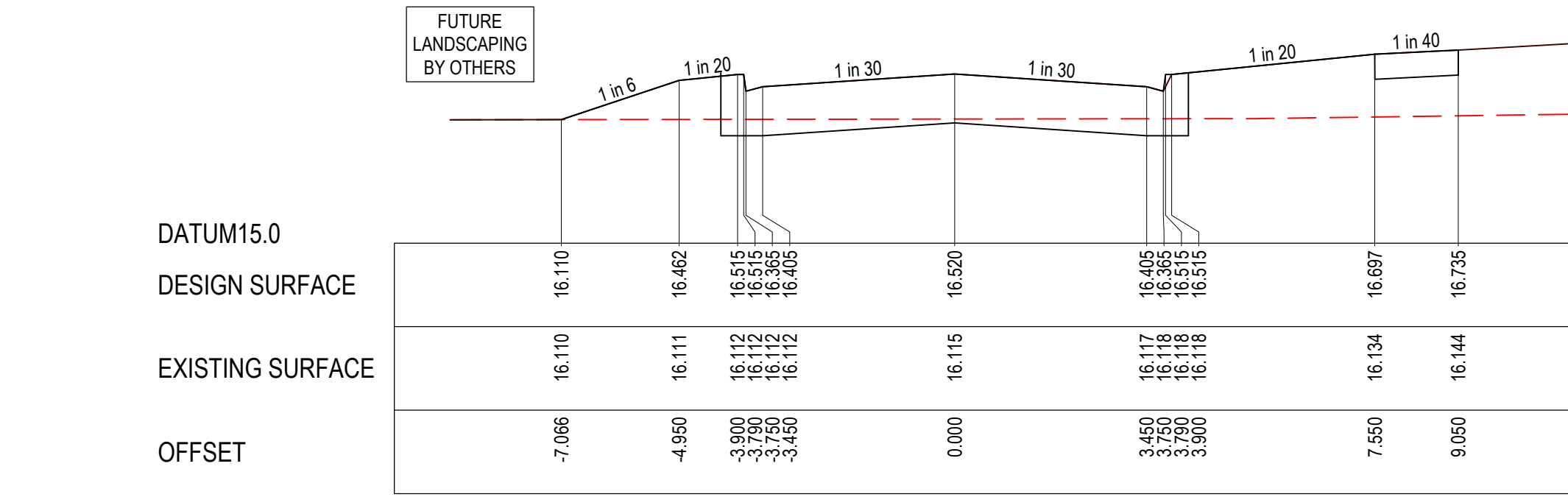
NOTE:

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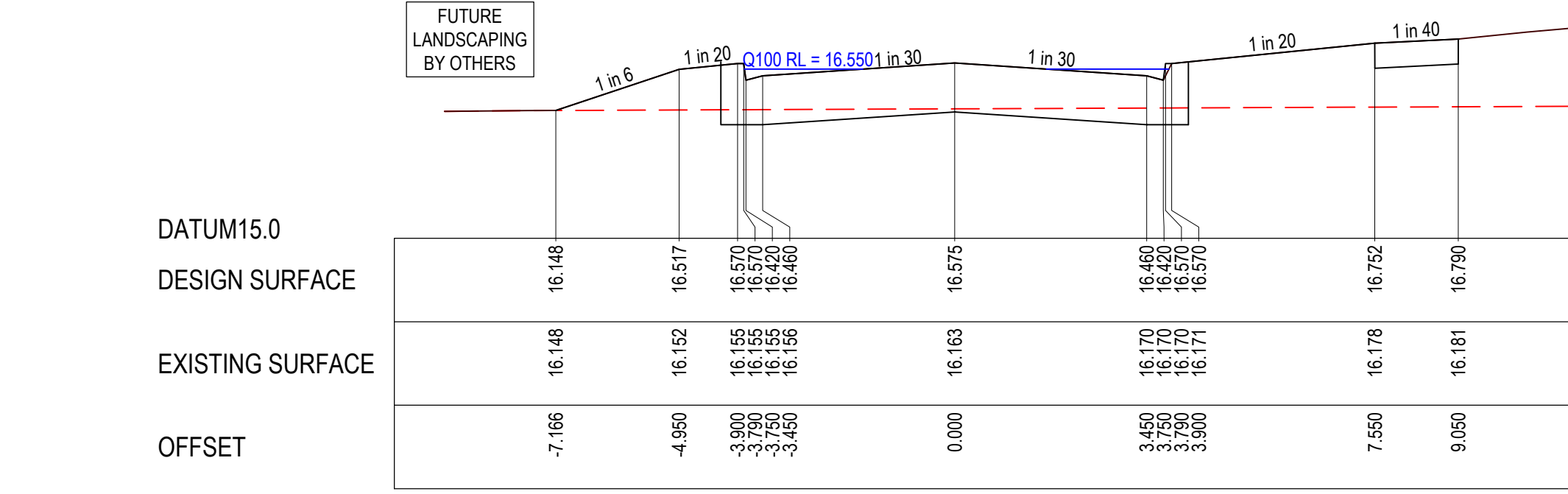
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE



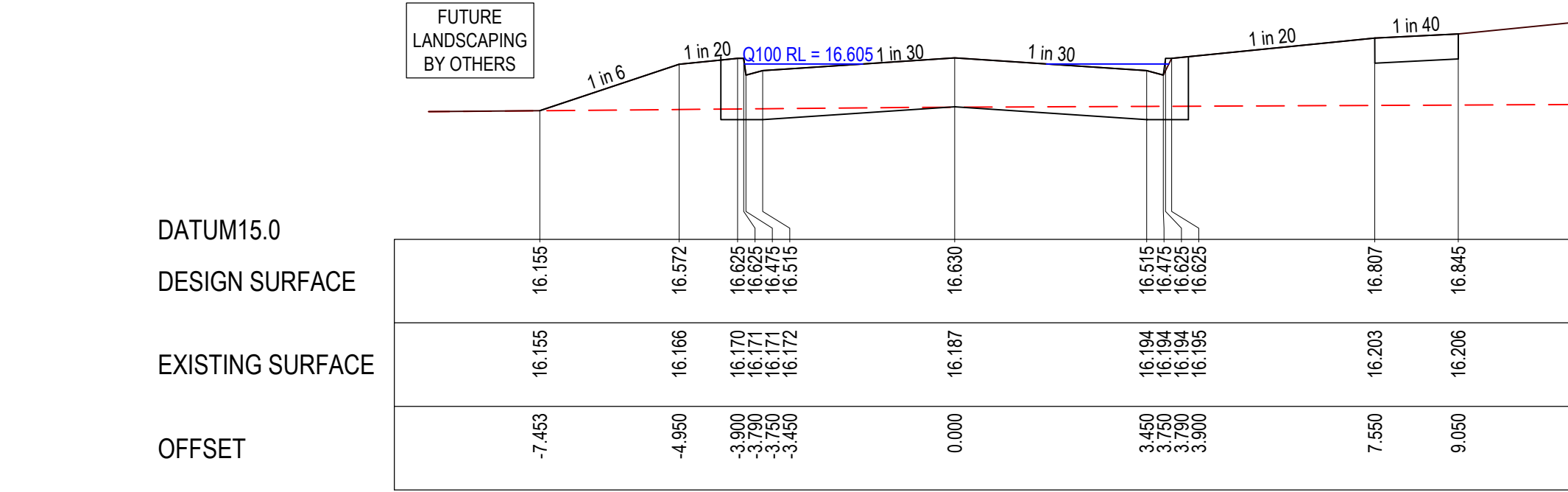
DESIGNED	I.HOGAN	PROJECT ENGINEER	J.RAMSAY
DRAWN	I.HOGAN	PROJECT MANAGER	M.TROUNCE
PROJECT No.	180014.22	DRAWING No.	R503
		REVISION	A



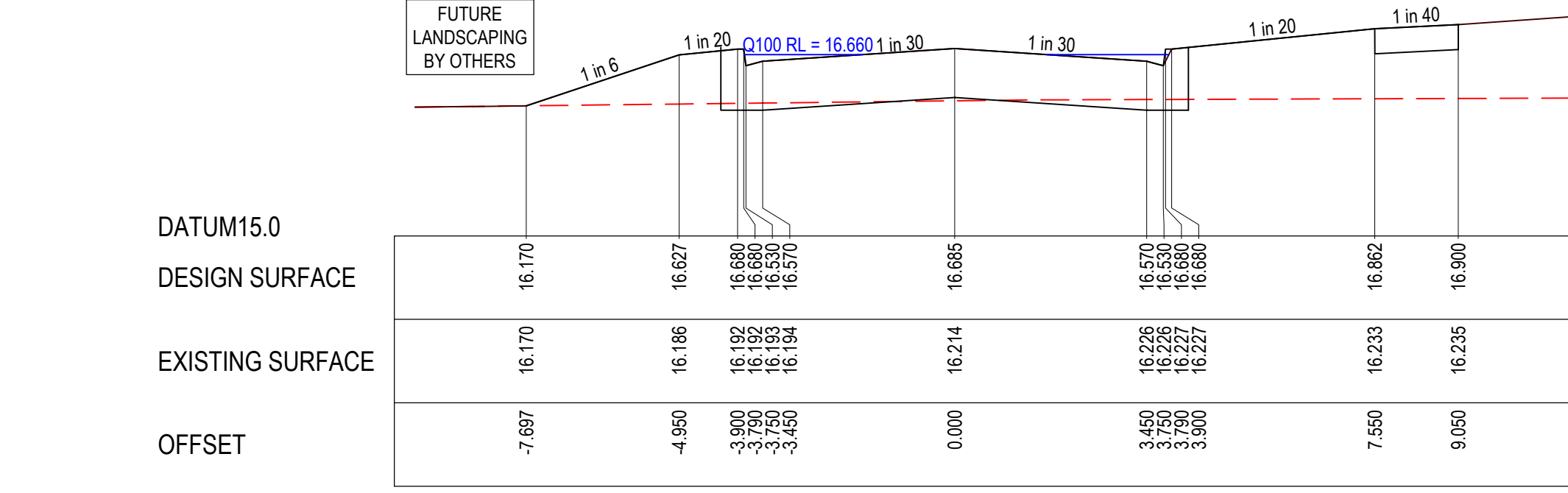
CH 60.542



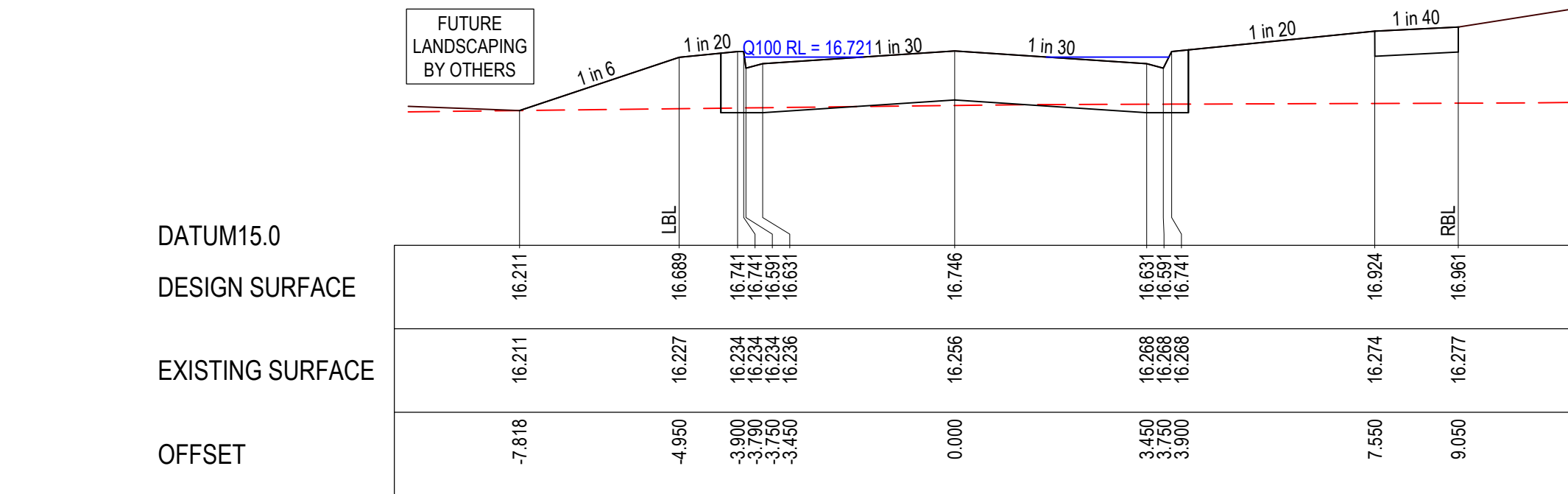
CH 49.542



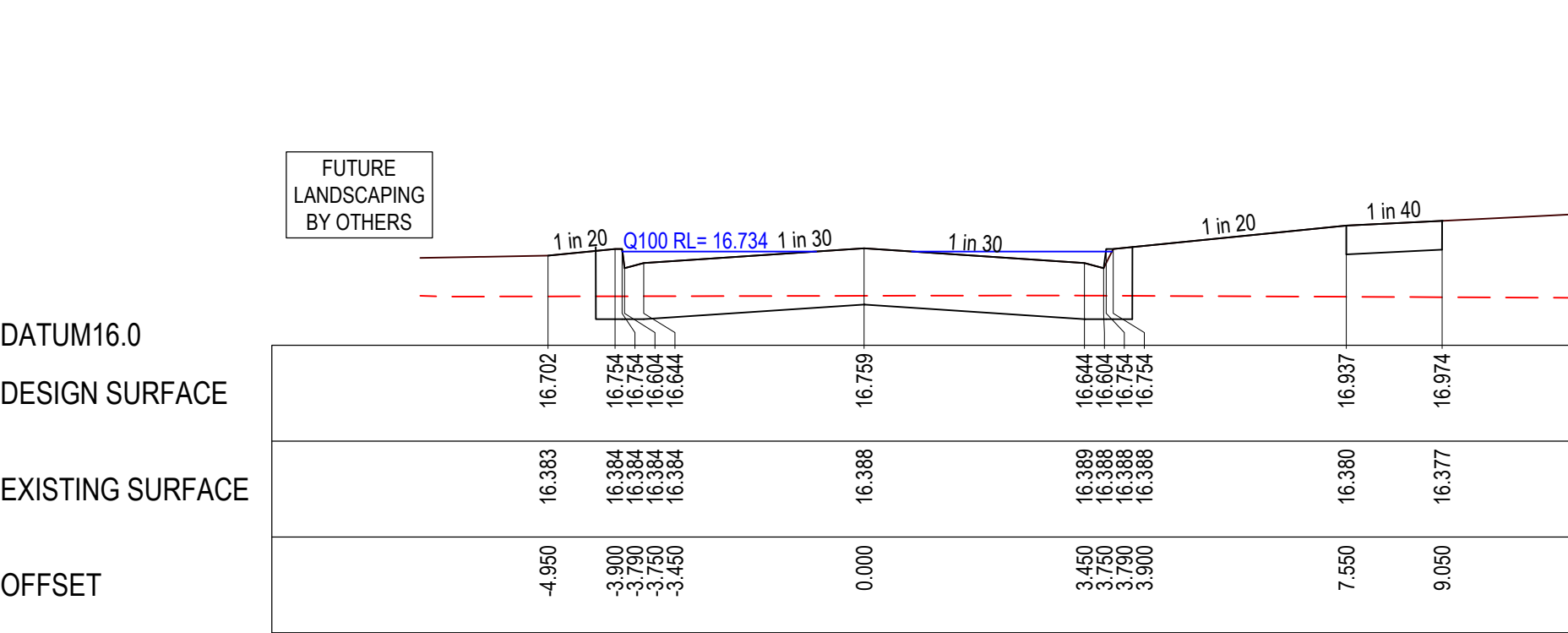
CH 38.542



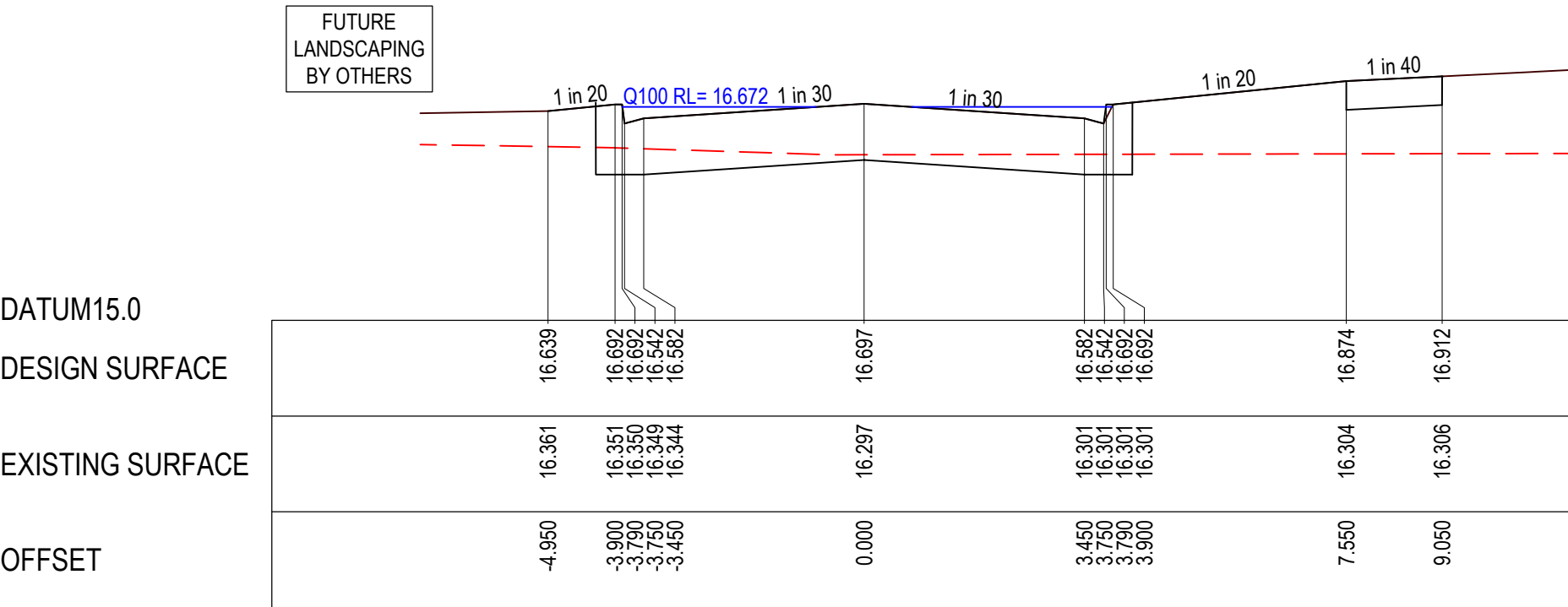
CH 27.542



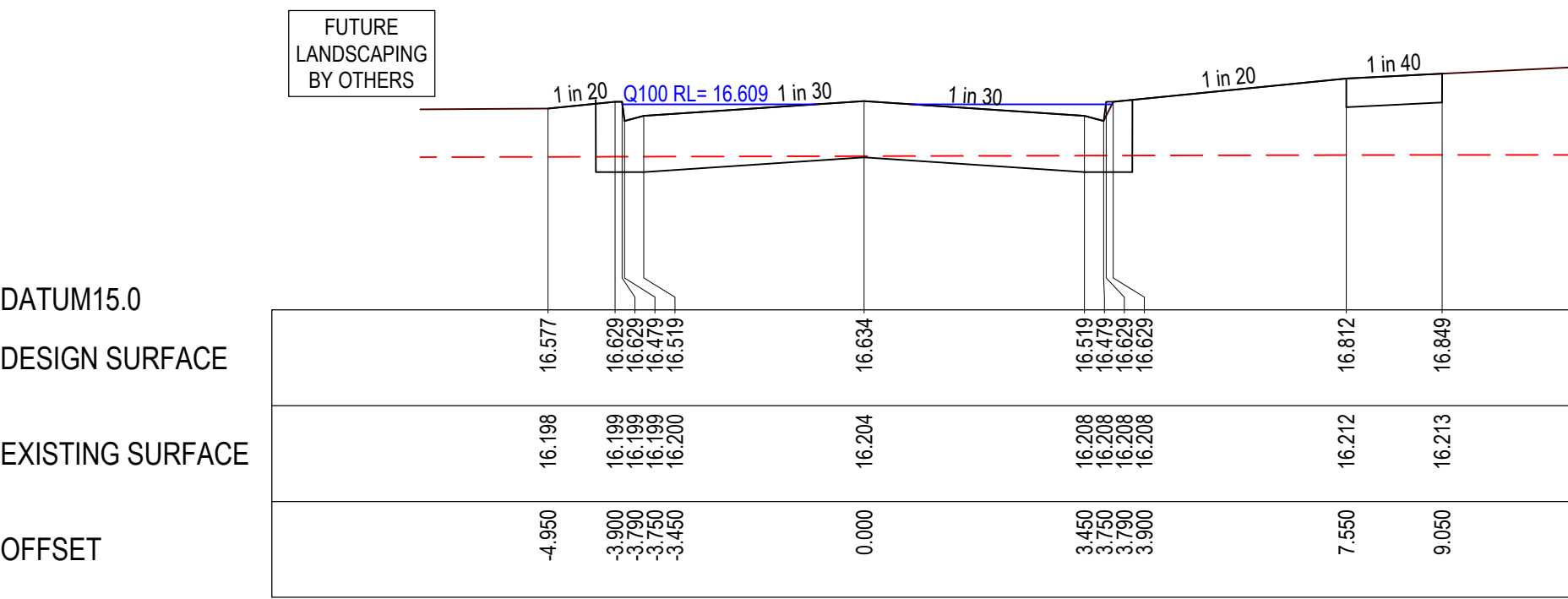
CH 15.252



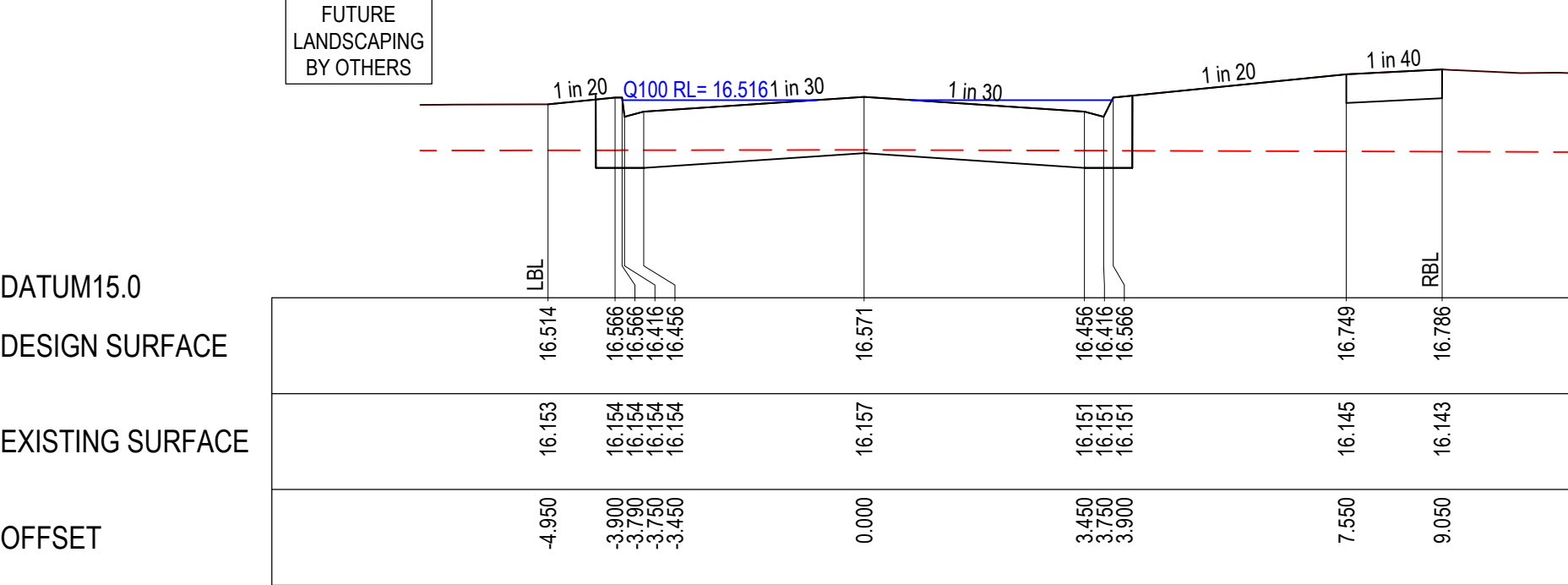
CH 131.079



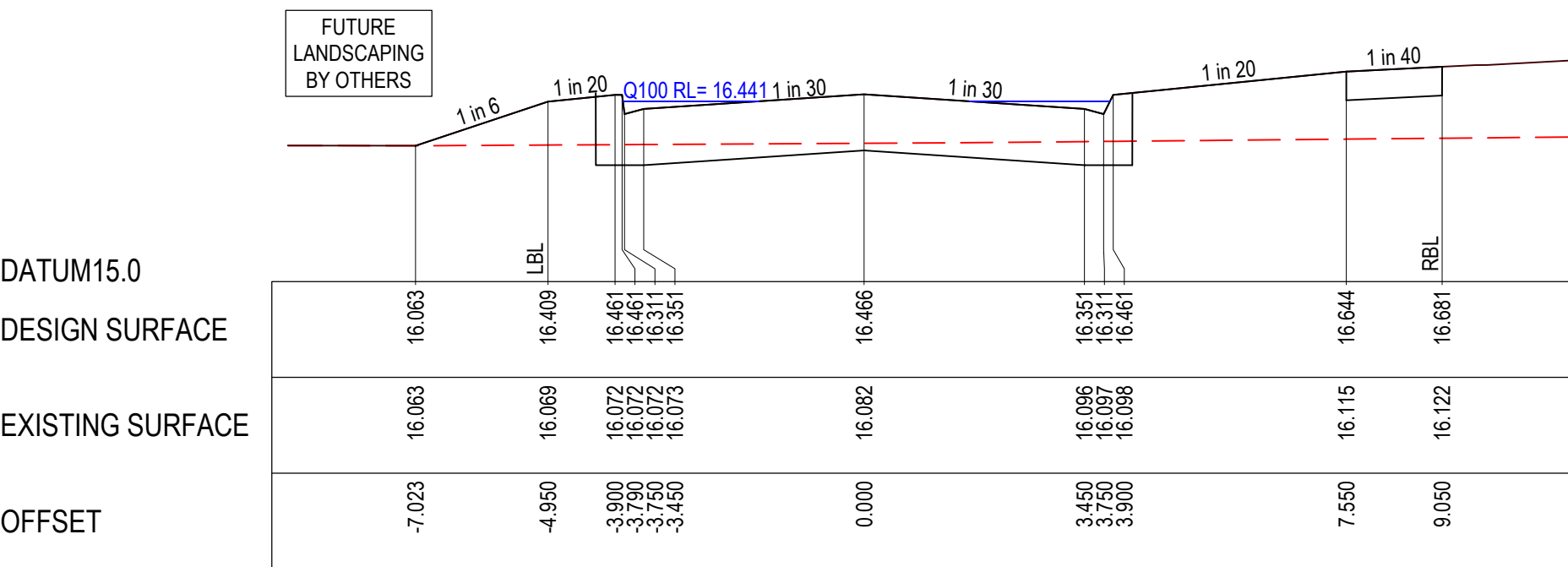
CH 118.579



CH 106.079



RIGHT TANGENT POINT CH 93.479

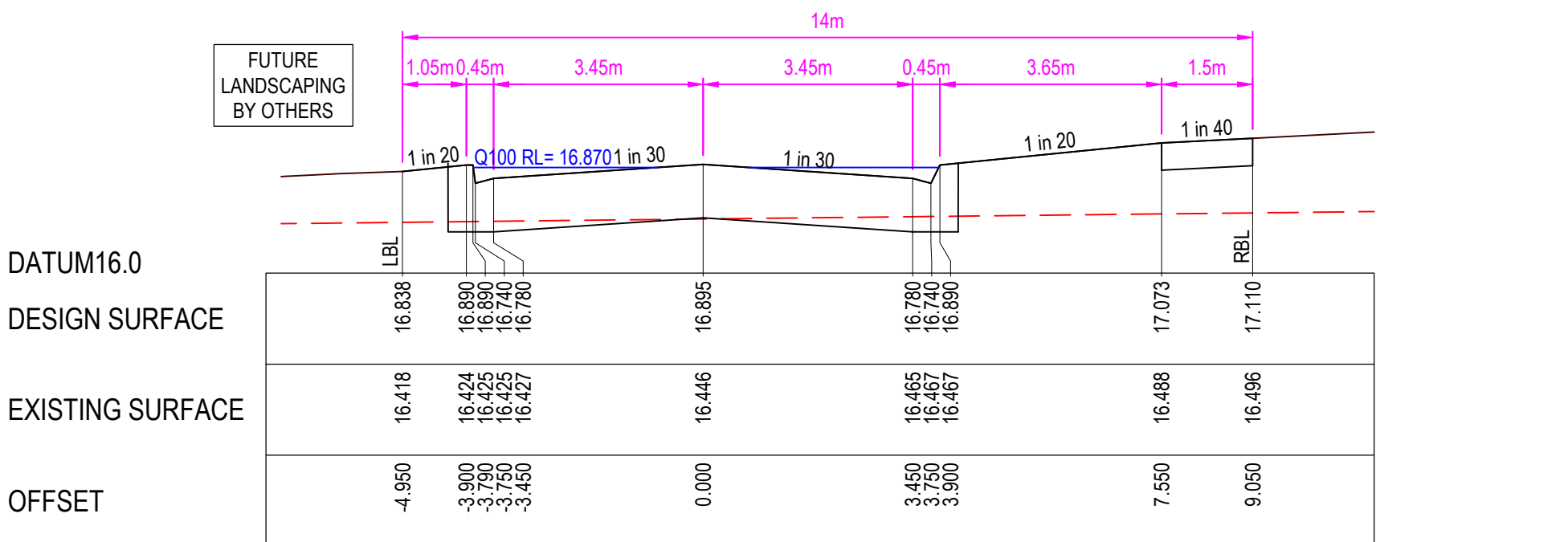


RIGHT TANGENT POINT CH 72.442

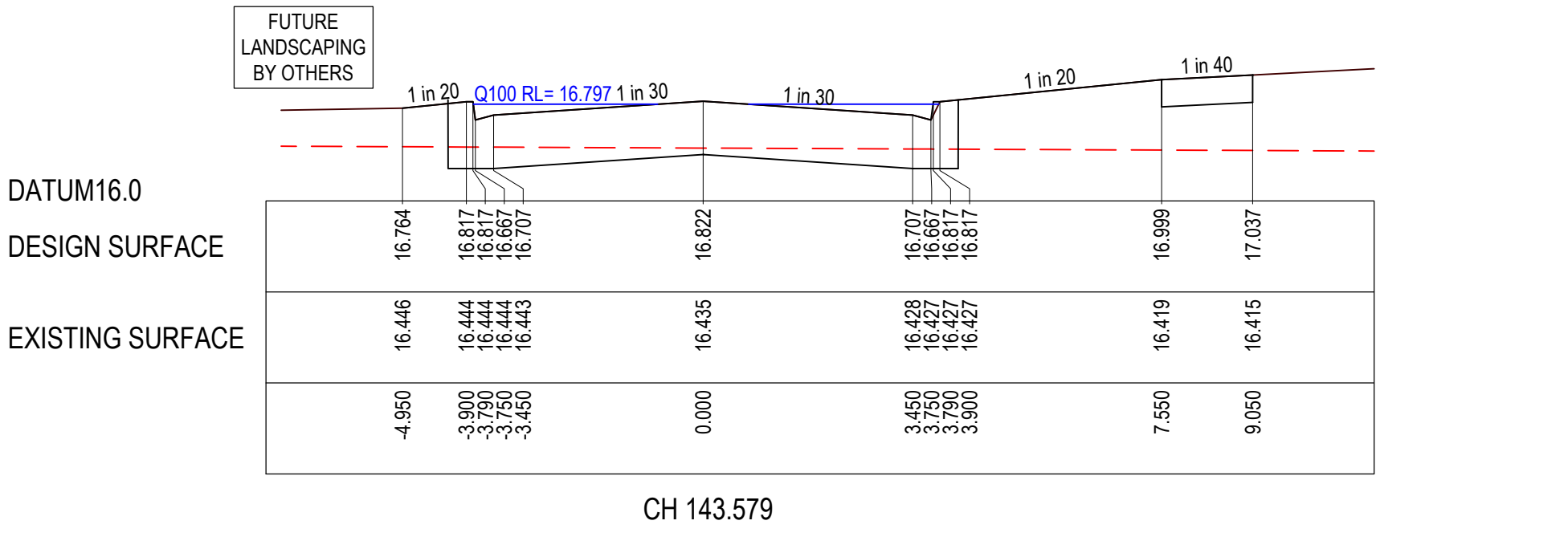


NOTE:
CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY, READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

NOTE:
"SELECT 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: 870802.00.R.001.REV0, DATE 01/03/2022)



LIMIT OF WORKS CH 158.246



CH 143.579

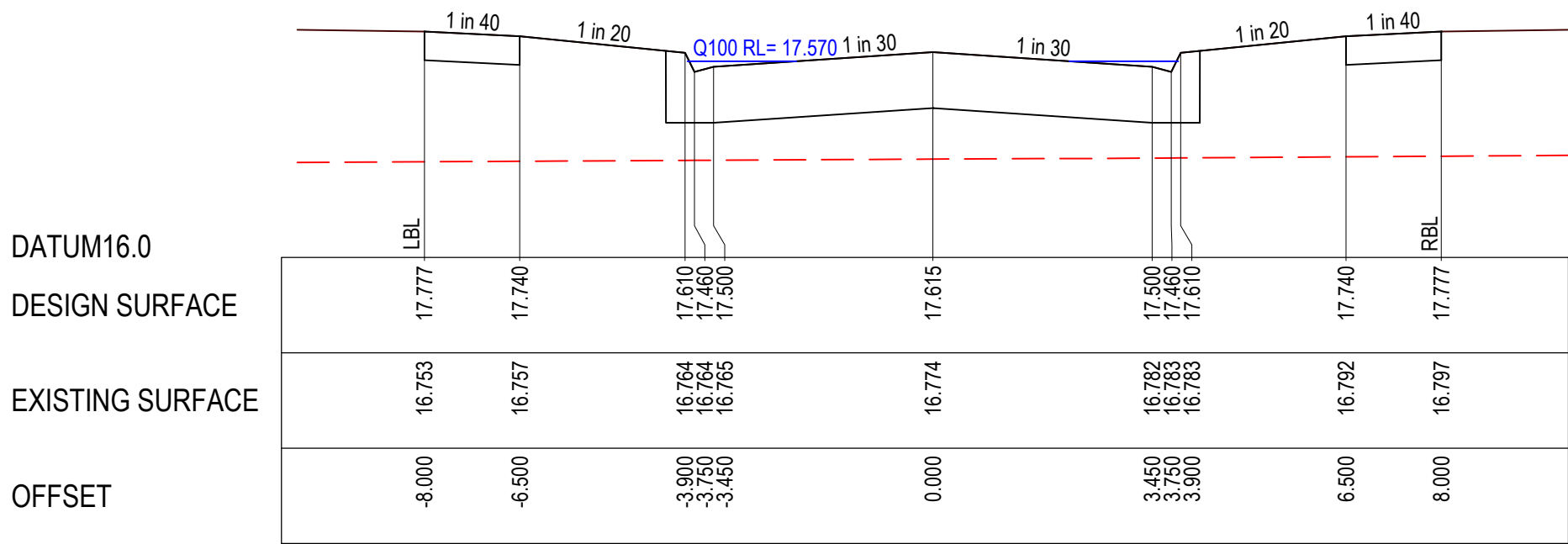
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE	

Suite 2, 2 Bloomsbury Street
Newtown, VIC, Australia 3220

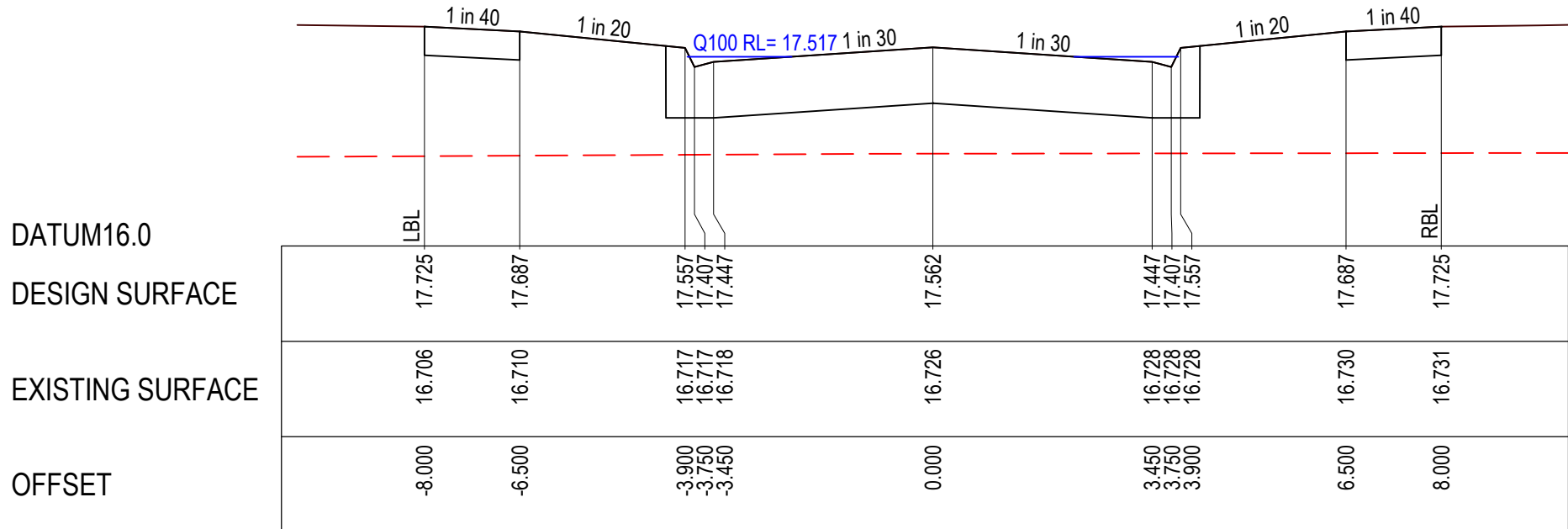
creo CIVIL

Coridale LARA

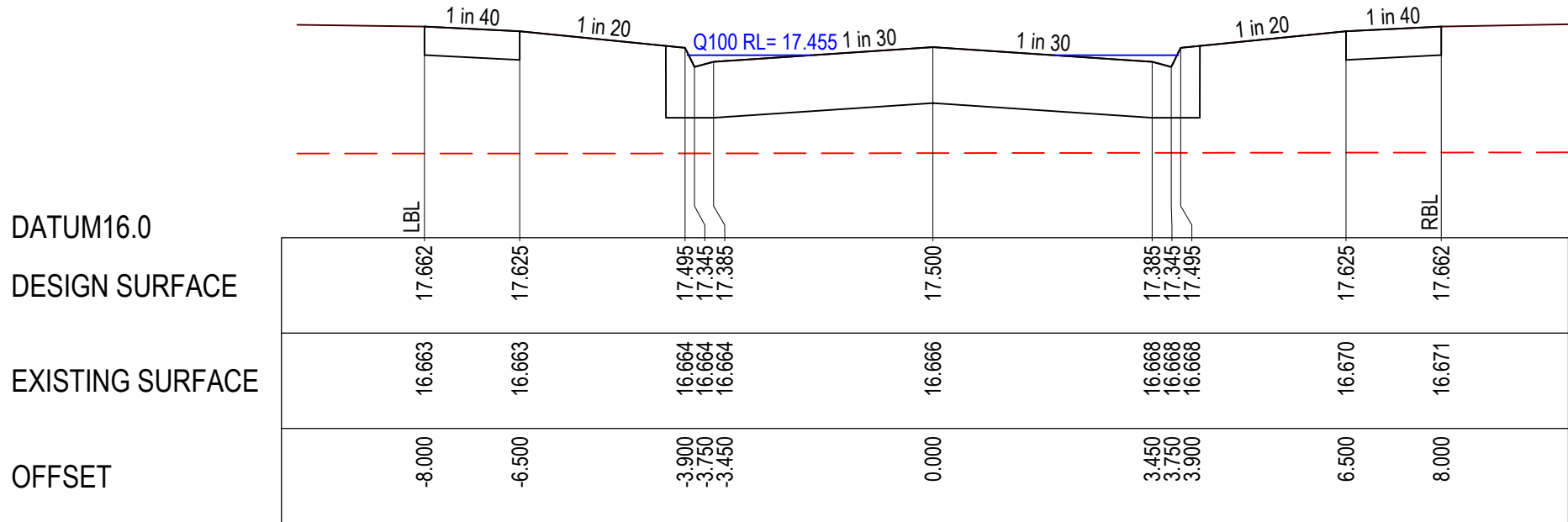
DRAWING TITLE	STATUS	DESIGNED	PROJECT ENGINEER
CORIDALE ESTATE - STAGE 22 ROAD CROSS SECTIONS - 5 DAPPLE ST	ISSUED FOR APPROVAL NOT FOR CONSTRUCTION	I.HOGAN	J.RAMSAY
REGISTERED ENGINEER NAME: J.RAMSAY PE REG.NO: PE0015596 LOCAL AUTHORITY: CITY OF GREATER GEELONG PLANNING PERMIT No: PP-496-2018	SCALE @ A1 : 1:100 (H) 1:50 (V)	DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE
		PROJECT No. 180014.22	DRAWING No. R504
			REVISION A



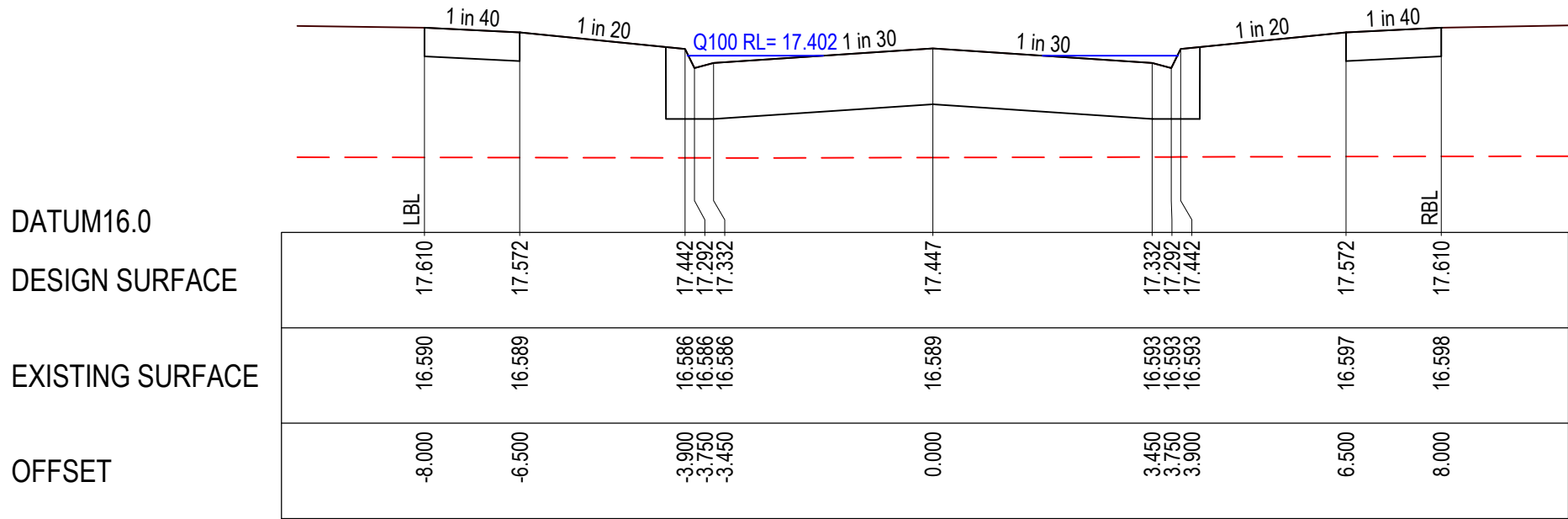
CH 64.050



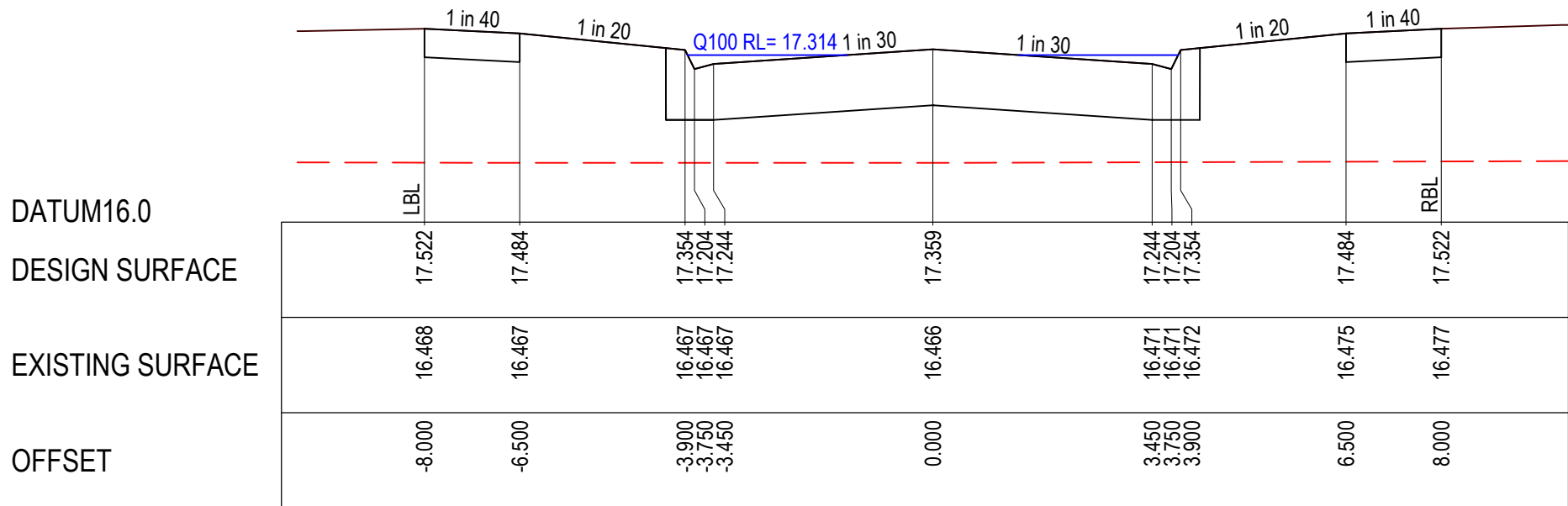
CH 51.550



CH 40.050



CH 27.550



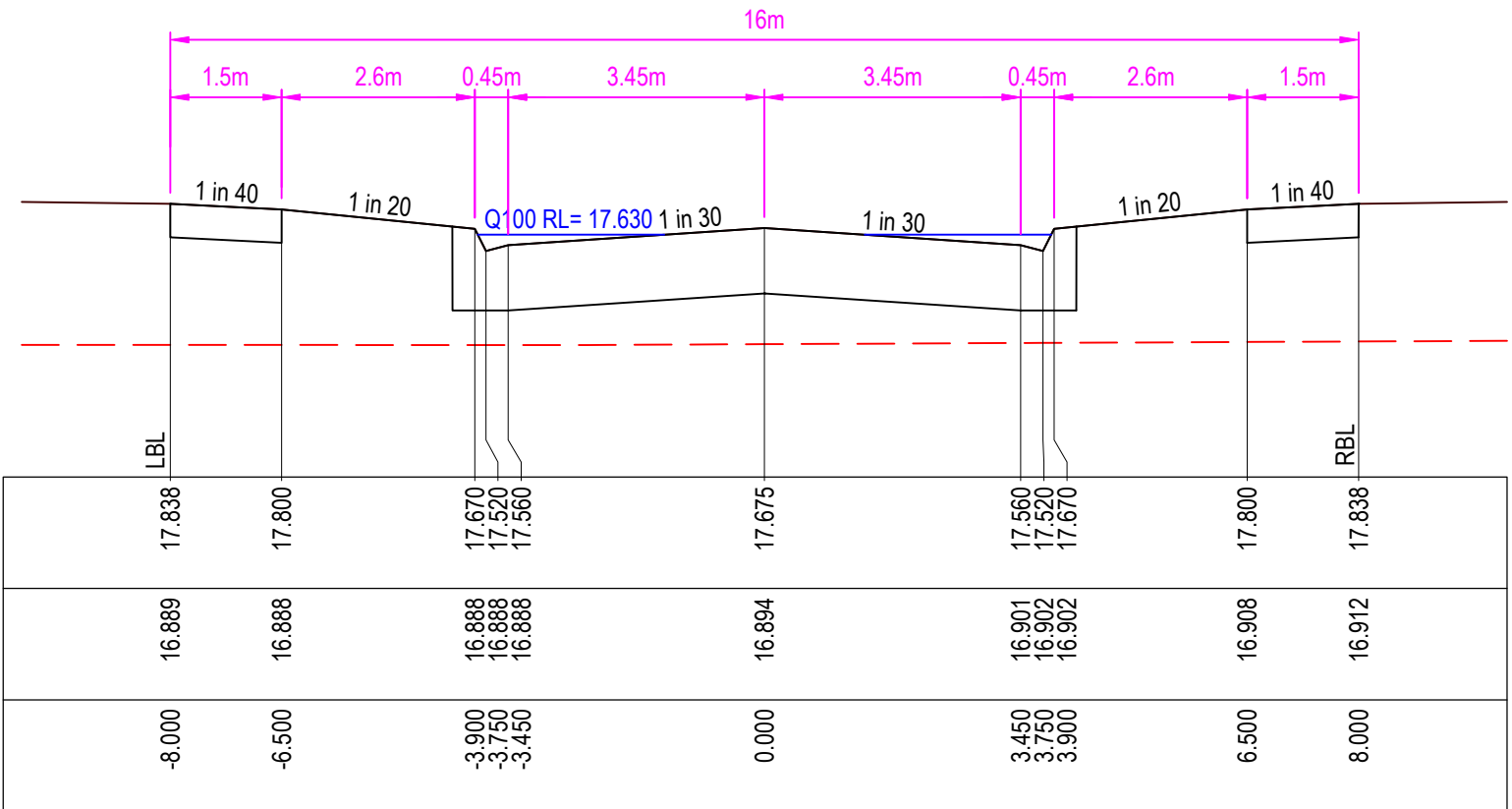
TANGENT POINT CH 12.450

DATUM16.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET



LIMIT OF WORKS CH 75.603

LEGEND

- EXISTING SURFACE
- DESIGN LINE
- Q100

NOTE:

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

NOTE:

"SELECT 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, DATE 01/03/2022)

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE



Suite 2, 2 Bloomsbury Street
Newtown, VIC, Australia 3220



DRAWING TITLE

**CORIDALE ESTATE - STAGE 22
ROAD CROSS SECTIONS - 6
KELPIE ST**

REGISTERED ENGINEER
NAME: J RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

STATUS

**ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION**

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

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

DESIGNED	I.HOGAN	PROJECT ENGINEER	J.RAMSAY
DRAWN	I.HOGAN	PROJECT MANAGER	M.TROUNCE
PROJECT No.	180014.22	DRAWING No.	R505
		REVISION	A

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

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:

ALL POLYPROPYLENE PIPES TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS

NOTE:

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LEGEND

- EXISTING SURFACE
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- HYDRUALIC GRADE LINE (20%AEP)
- HYDRUALIC GRADE LINE (1%AEP)
- CRUSHED ROCK BACKFILL

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

PIPE CLASS
(CLASS 2 UNLESS OTHERWISE NOTED)

DESIGN FLOW (l/s)
CAPACITY (l/s)

AT GRADE VELOCITY (m/s)

PIPE SIZE (mm)

GRADE

DATUM

DEPTH TO INVERT	0.750	0.750																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	DESIGNED	PROJECT ENGINEER
						 Suite 2, 2 Bloomsbury Street Newtown, VIC, Australia 3220	 Suite 2, 2 Bloomsbury Street Newtown, VIC, Australia 3220		ISSUED FOR APPROVAL NOT FOR CONSTRUCTION SCALE @ A1 : 1:500 (H) 1:50 (V) 	I.HOGAN	J.RAMSAY
					I.HOGAN					M.TROUNCE	
					PROJECT No.					DRAWING No.	REVISION
					180014.22					R600	A
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE						

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2. ALL PIPES UNDER ROADS SHALL BE BACKFILLED WITH 2% STABILISED SAND TO SPRINGLINE. ABOVE THIS POINT, PROVIDE 200mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK (WETMIX) COMPACTED TO 98% MODIFIED COMPACTION IN 150mm MAXIMUM LAYER.
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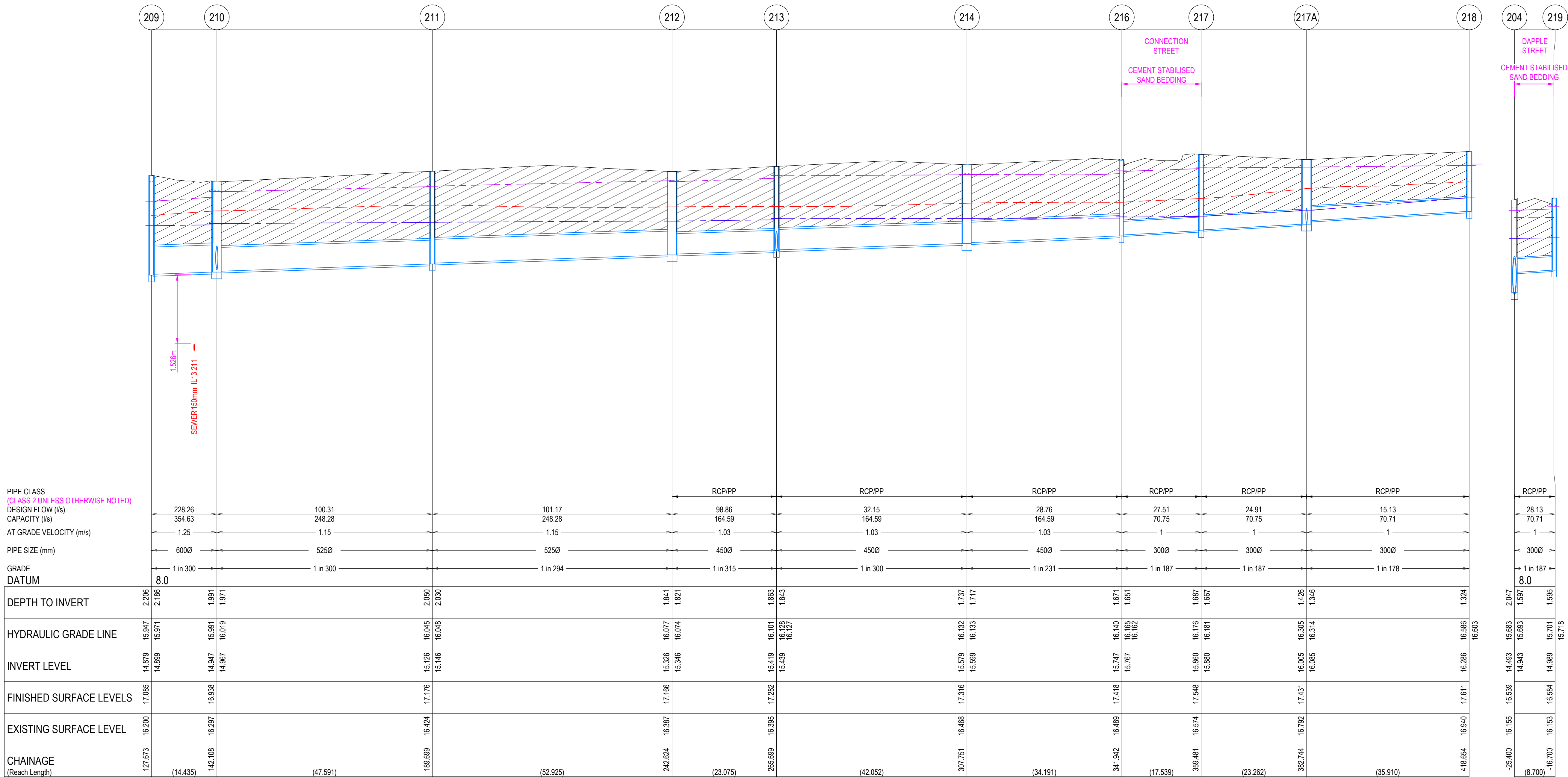
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								 Suite 2.2 Bloomsbury Street Newtown, VIC, Australia 3220			CORIDALE ESTATE - STAGE 22 DRAINAGE LONG SECTIONS - 2 REGISTERED ENGINEER NAME: J. RAMSAY PE REG. NO: PE0015586 LOCAL AUTHORITY: CITY OF GREATER GEELONG PLANNING PERMIT No: PP-496-2018	I.HOGAN	J.RAMSAY	
							DRAWN					PROJECT MANAGER		
							I.HOGAN					M.TROUNCE		
							PROJECT No.					DRAWING No.	REVISION	
A			31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE					180014.22	R601	A

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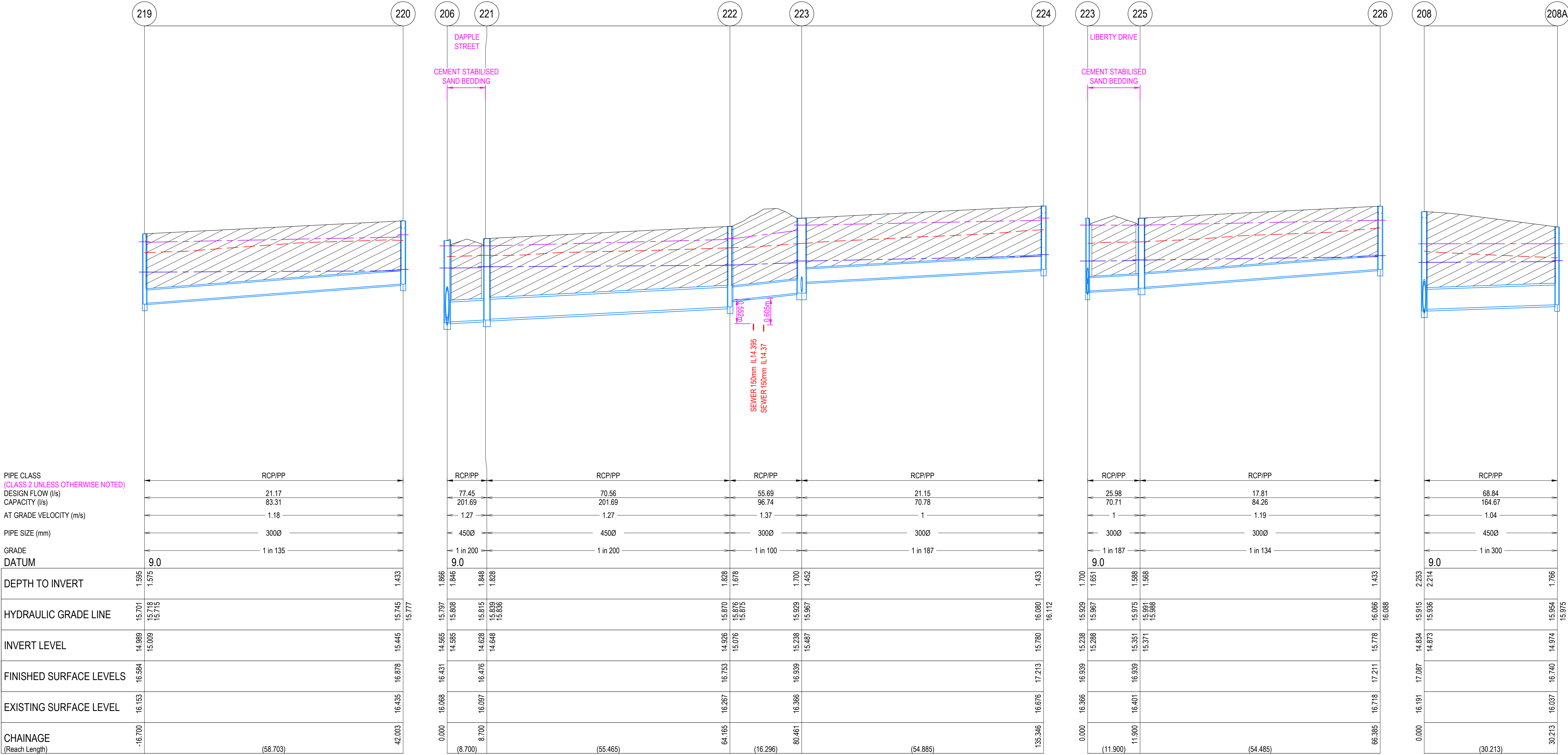
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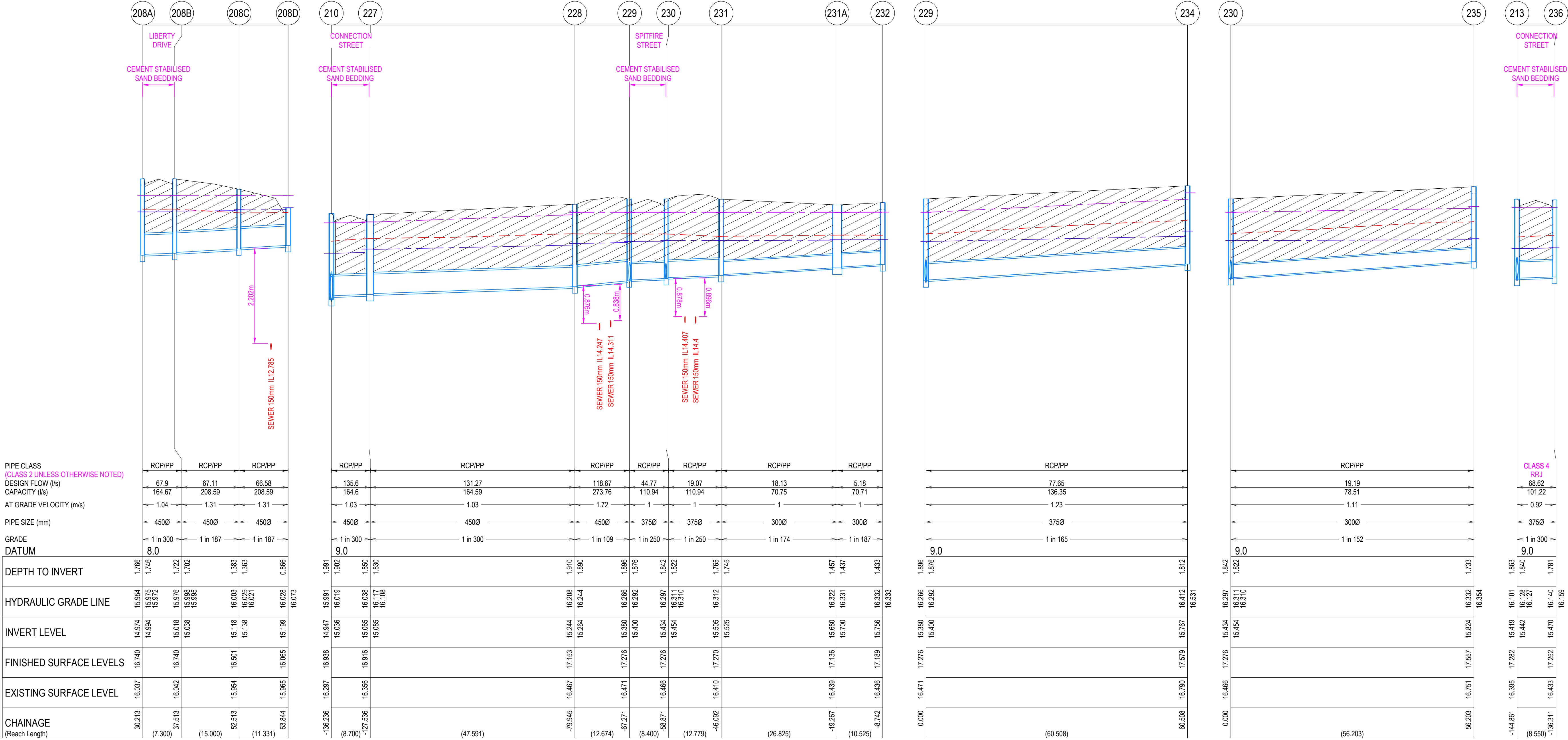
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE

CLIENT

Suite 2, 2 Bloomsbury Street
Newtown, VIC, Australia 3220

PROJECT

Coridale

LARA

DRAWING TITLE

CORIDALE ESTATE - STAGE 22
DRAINAGE LONG SECTIONS - 4

REGISTERED ENGINEER
NAME: J.RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

STATUS

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

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

DESIGNED

I.HOGAN

DRAWN

I.HOGAN

PROJECT No.

180014.22

PROJECT ENGINEER

J.RAMSAY

PROJECT MANAGER

M.TROUNCE

DRAWING No.

R603

REVISION

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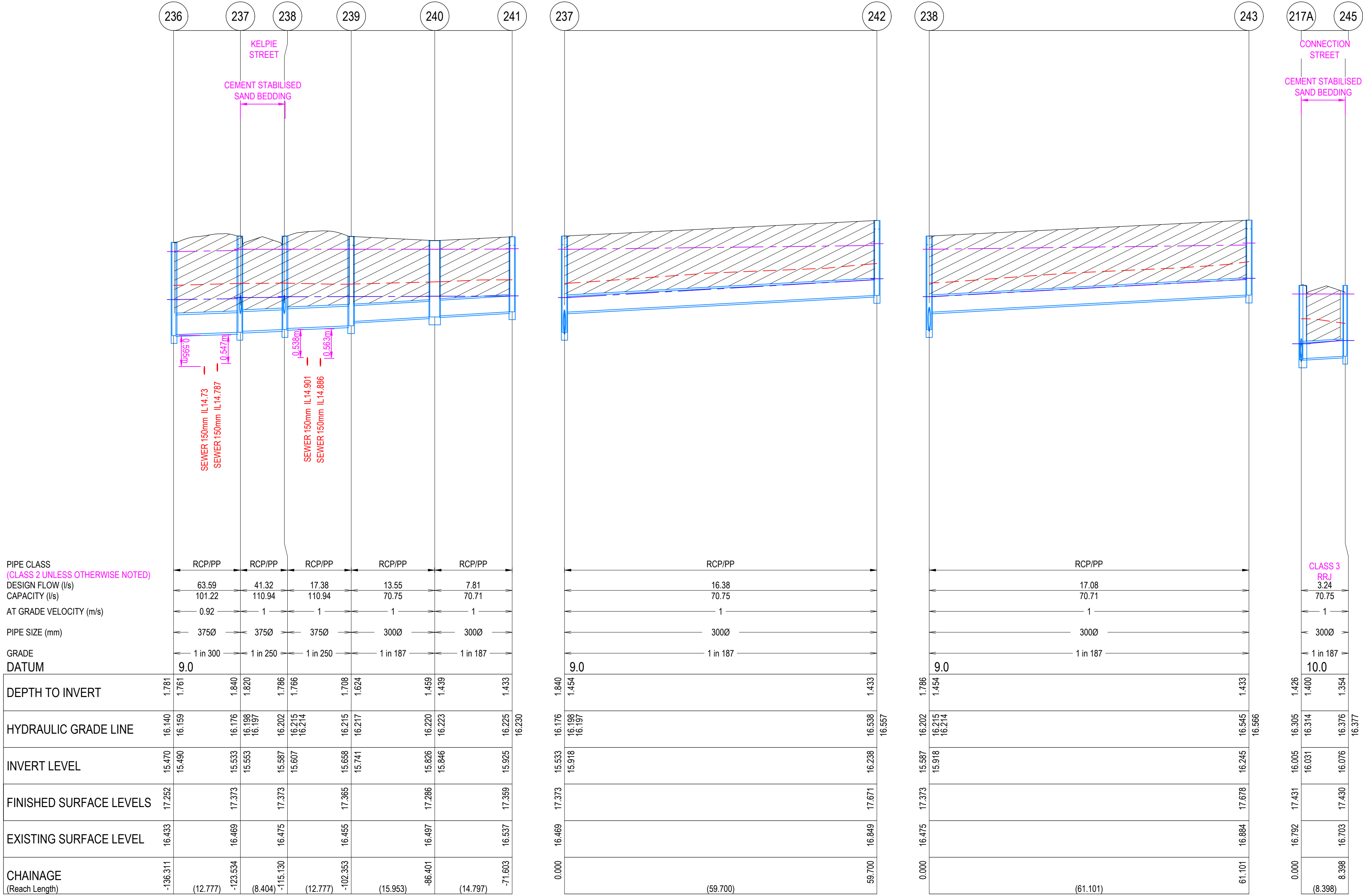
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THE LOCATIONS OF UNDERGROUND & OVERHEAD SERVICES ARE APPROXIMATE ONLY & THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. LOCATE ALL UNDERGROUND SERVICES BEFORE COMMENCEMENT OF WORKS
BEFORE YOU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

- EXISTING SURFACE
- DESIGN SURFACE
- DRAINAGE PIPE/PIT
- FUTURE DRAINAGE PIPE/PIT
- EXISTING DRAINAGE PIPE/PIT
- HYDRUALIC GRADE LINE (20%AEP)
- HYDRUALIC GRADE LINE (1%AEP)
- CRUSHED ROCK BACKFILL

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	DESIGNED	PROJECT ENGINEER
						villawood properties creo CIVIL Suite 2, 2 Bloomsbury Street Newtown, VIC, Australia 3220	Coridale LARA	CORIDALE ESTATE - STAGE 22 DRAINAGE LONG SECTIONS - 5 REGISTERED ENGINEER NAME: J RAMSAY PE REG. NO: PE0015586 LOCAL AUTHORITY: CITY OF GREATER GEELONG PLANNING PERMIT No: PP-496-2018	ISSUED FOR APPROVAL NOT FOR CONSTRUCTION SCALE @ A1 : 1:500 (H) 1:50 (V) H 10 5 0 10 20 V 1 0.5 0 1 2	I.HOGAN	J.RAMSAY
					I.HOGAN					PROJECT MANAGER	
										M.TROUNCE	
					PROJECT No.					DRAWING No.	REVISION
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE					180014.22	R604

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

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:

ALL POLYPROPYLENE PIPES TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS

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:

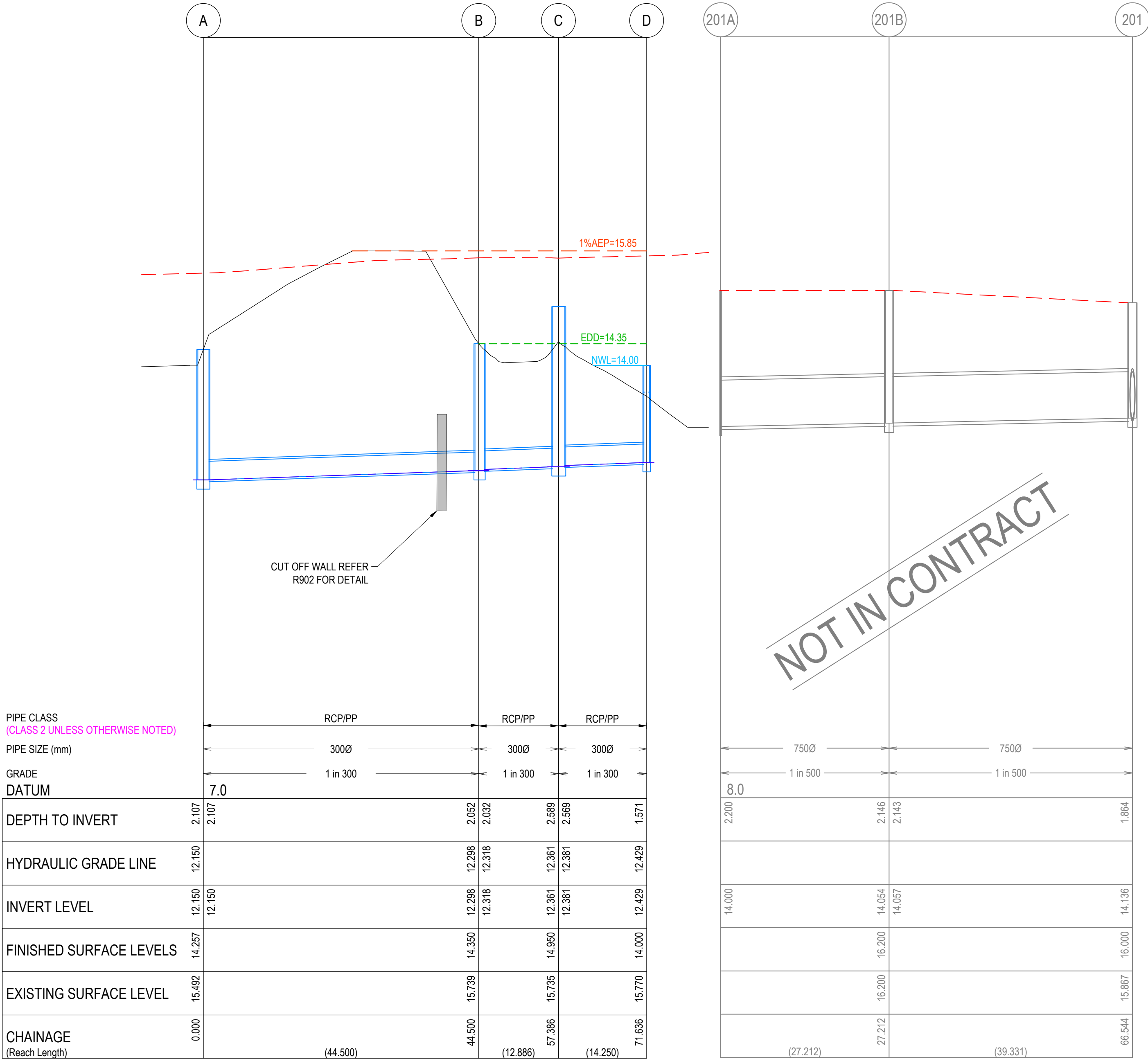
ALL FIBREGLASS REINFORCED PLASTIC (FRP) PIT COVERS ARE TO BE GREY UNLESS OTHERWISE APPROVED BY THE SUPERINTENDENT.

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CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE



DRAWING TITLE
**CORIDALE ESTATE - STAGE 22
DRAINAGE LONG SECTIONS - 6**

REGISTERED ENGINEER
NAME: J RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

STATUS
**ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION**

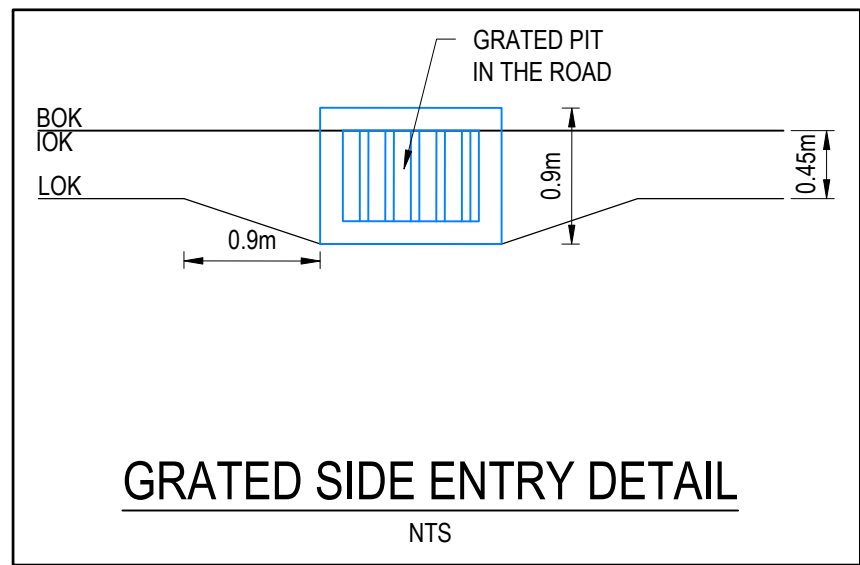
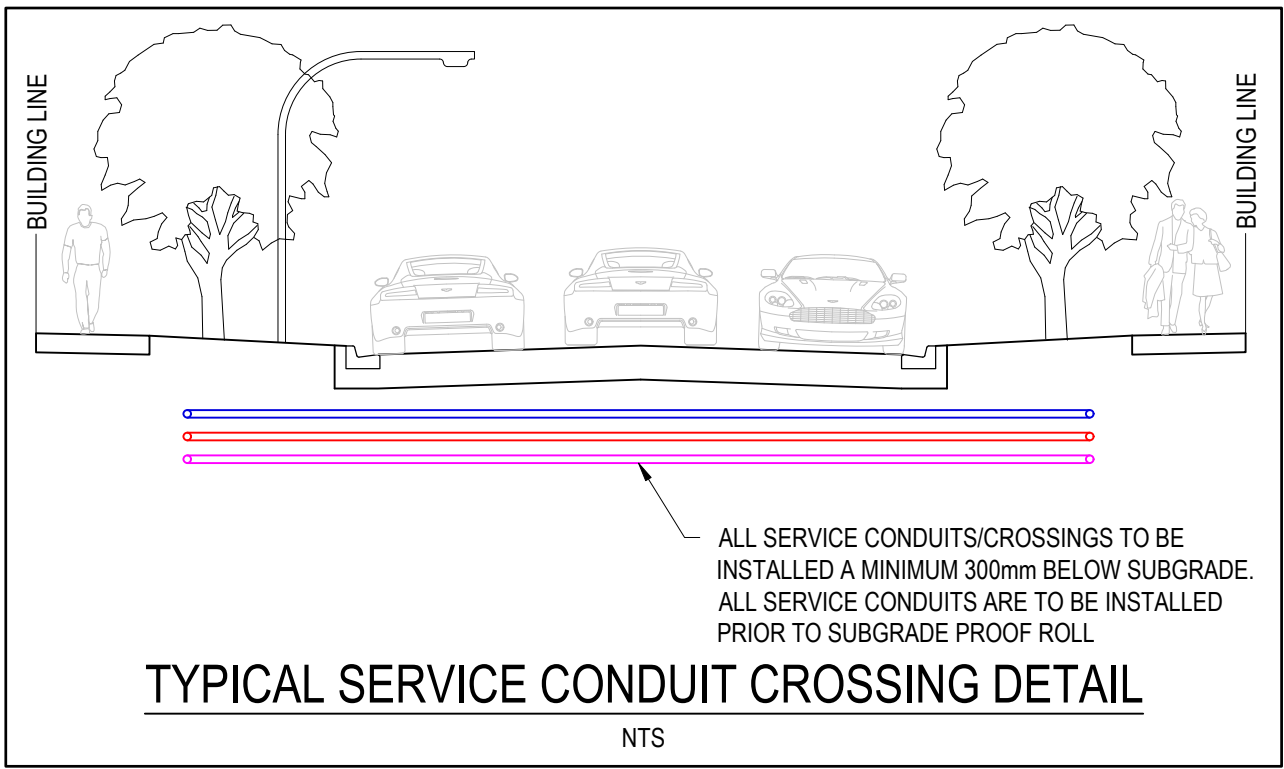
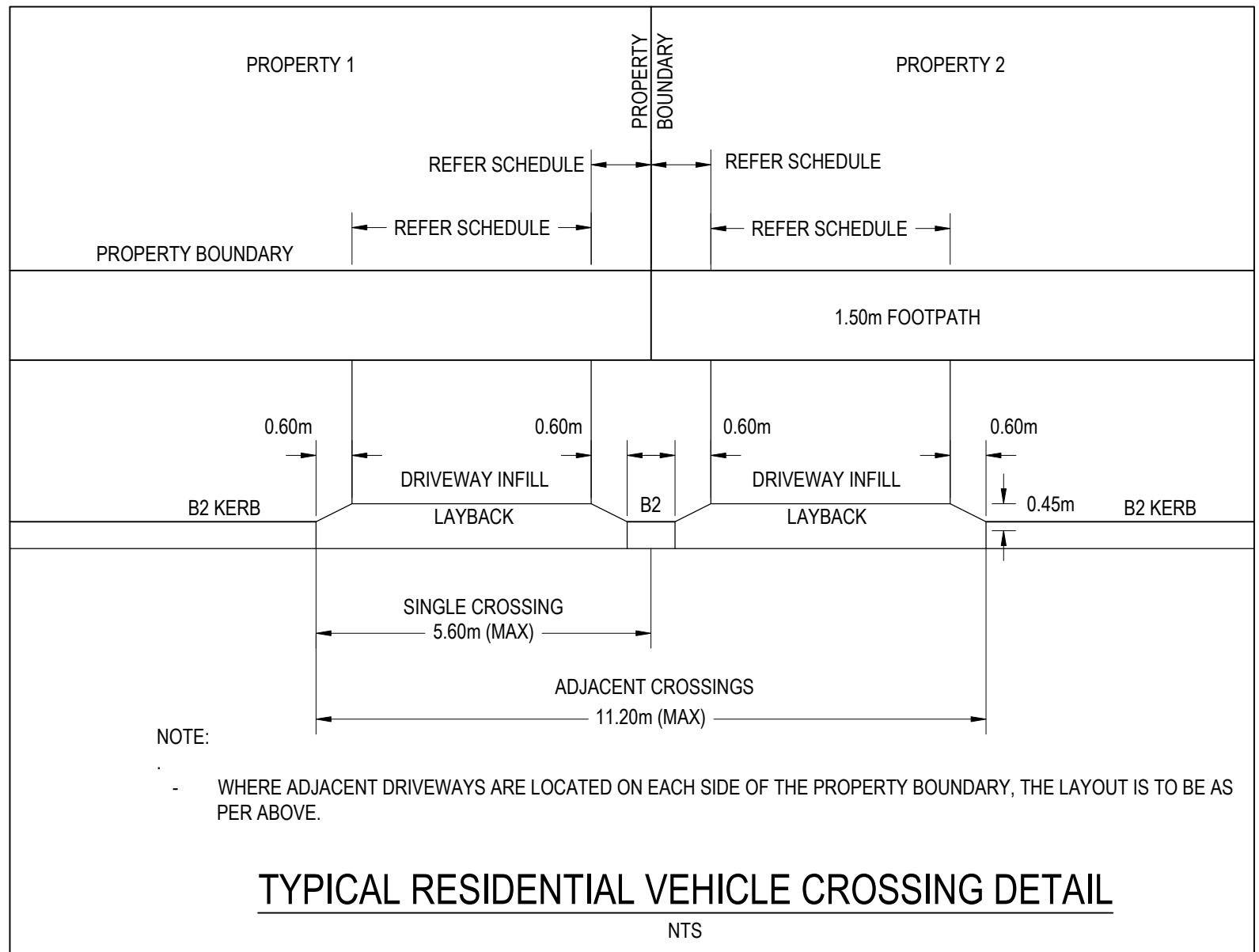
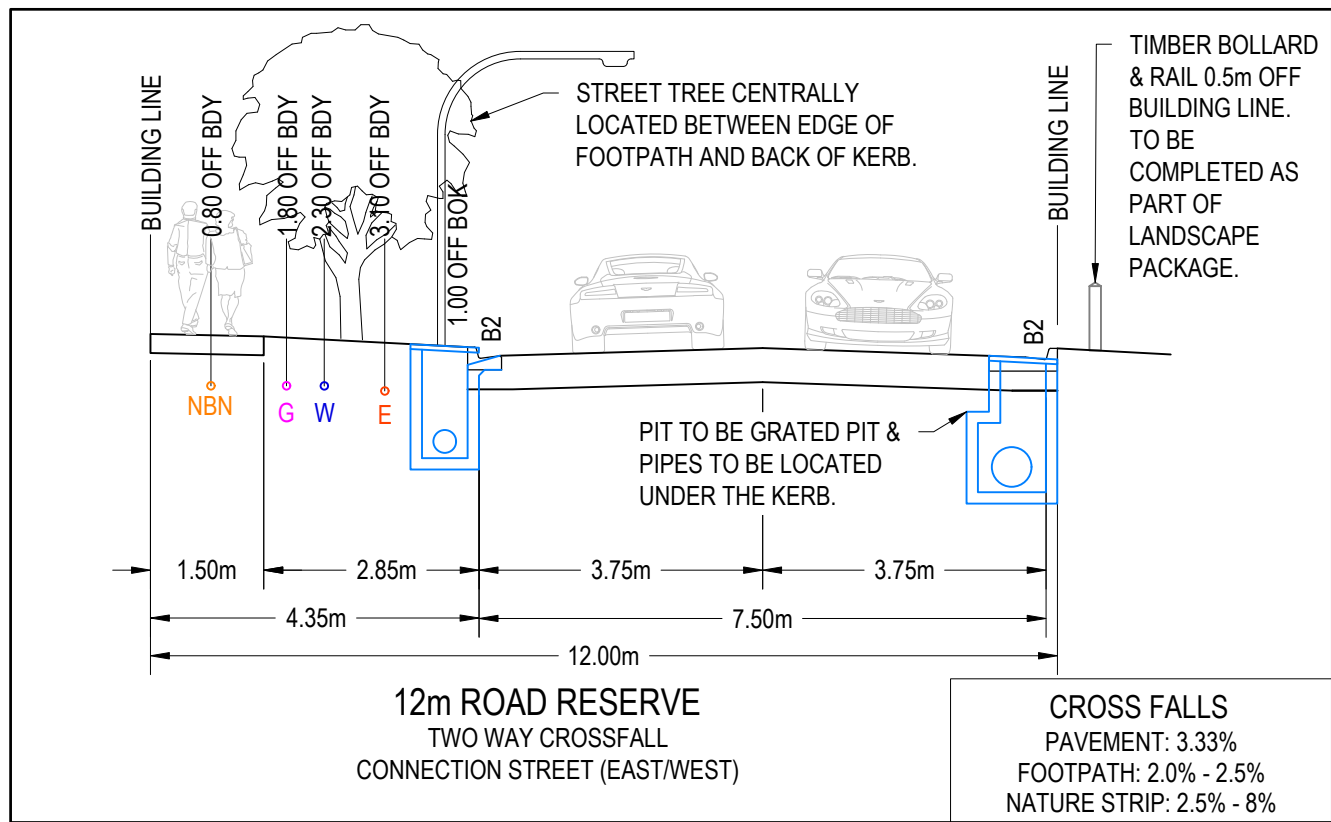
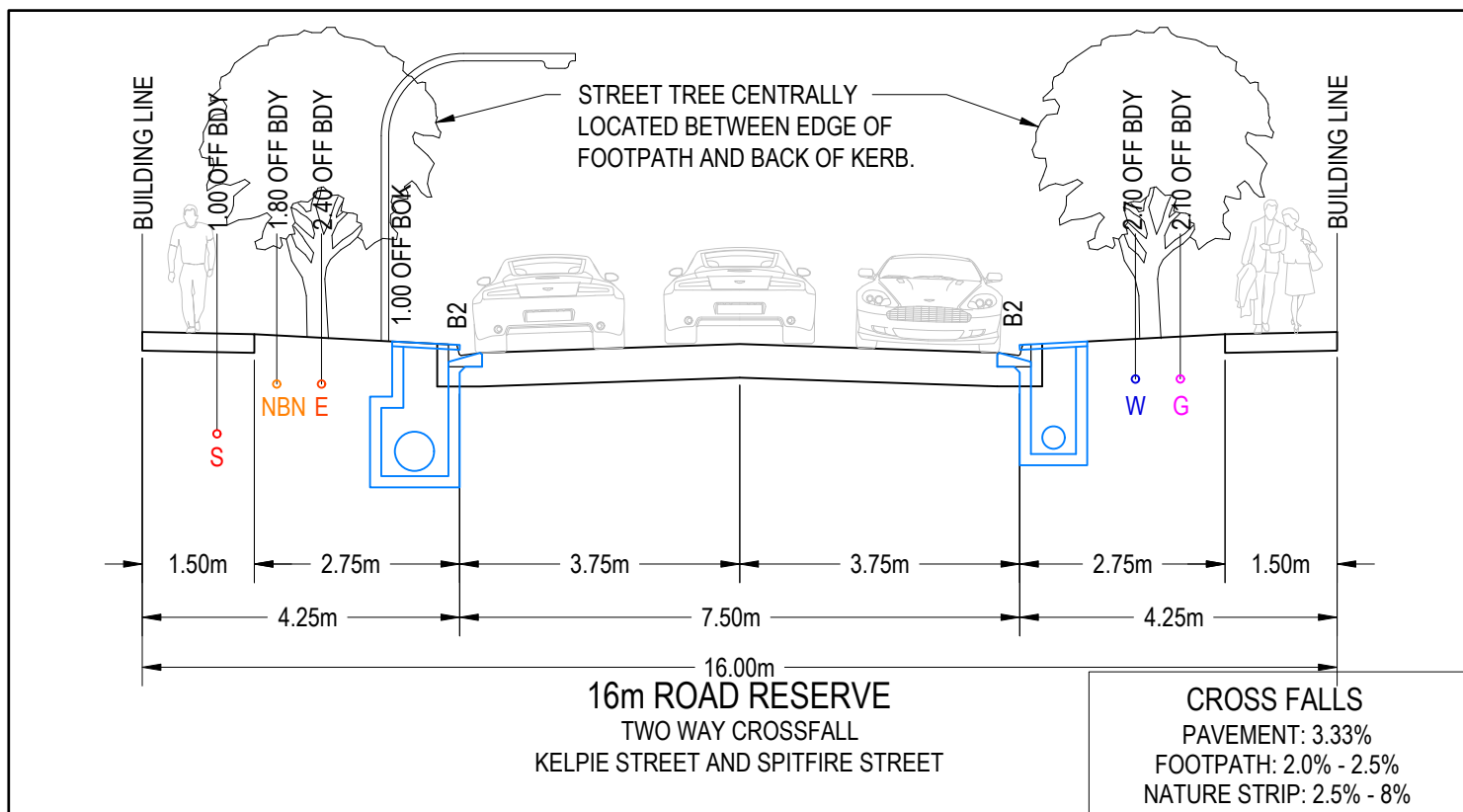
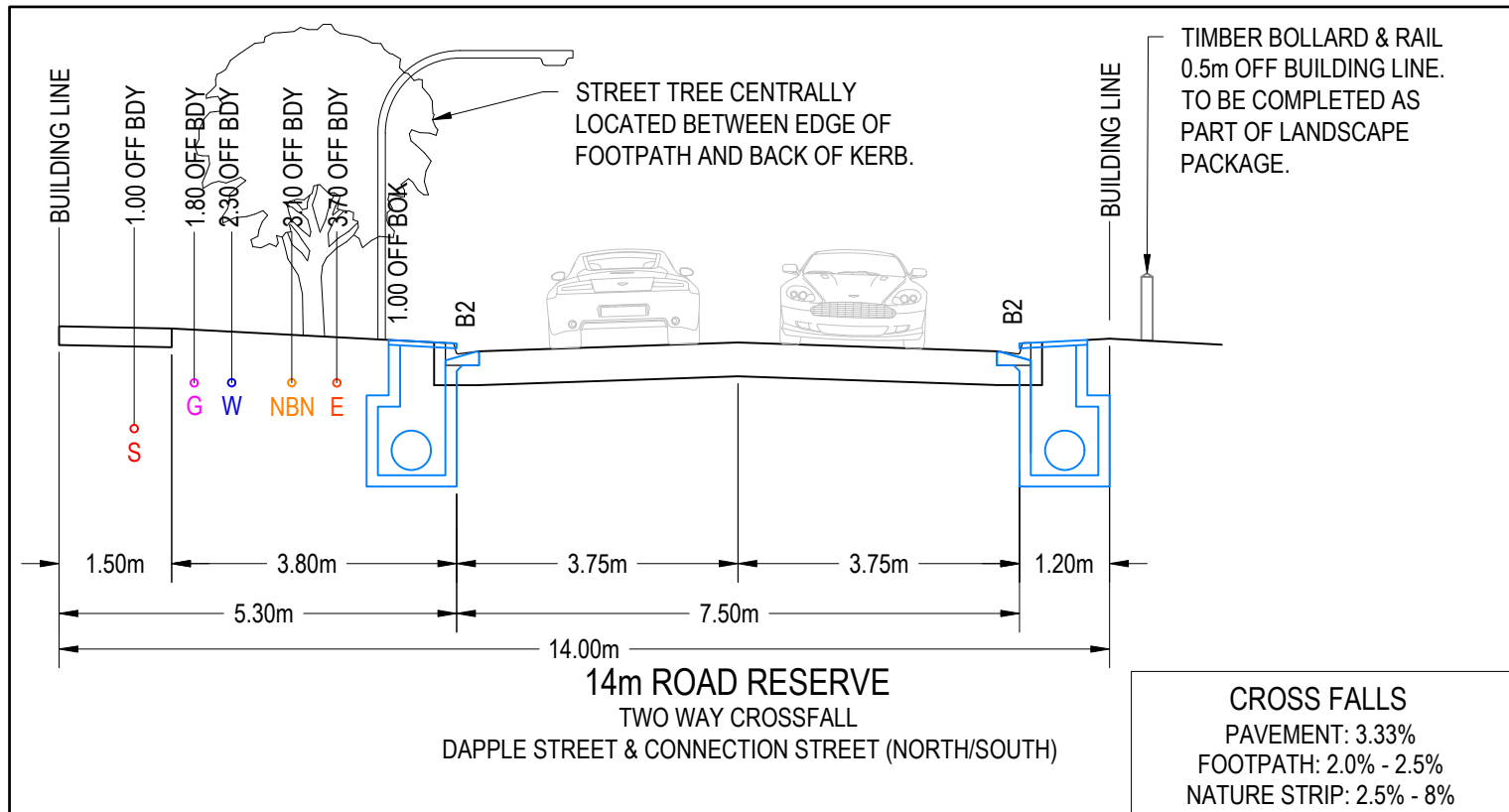
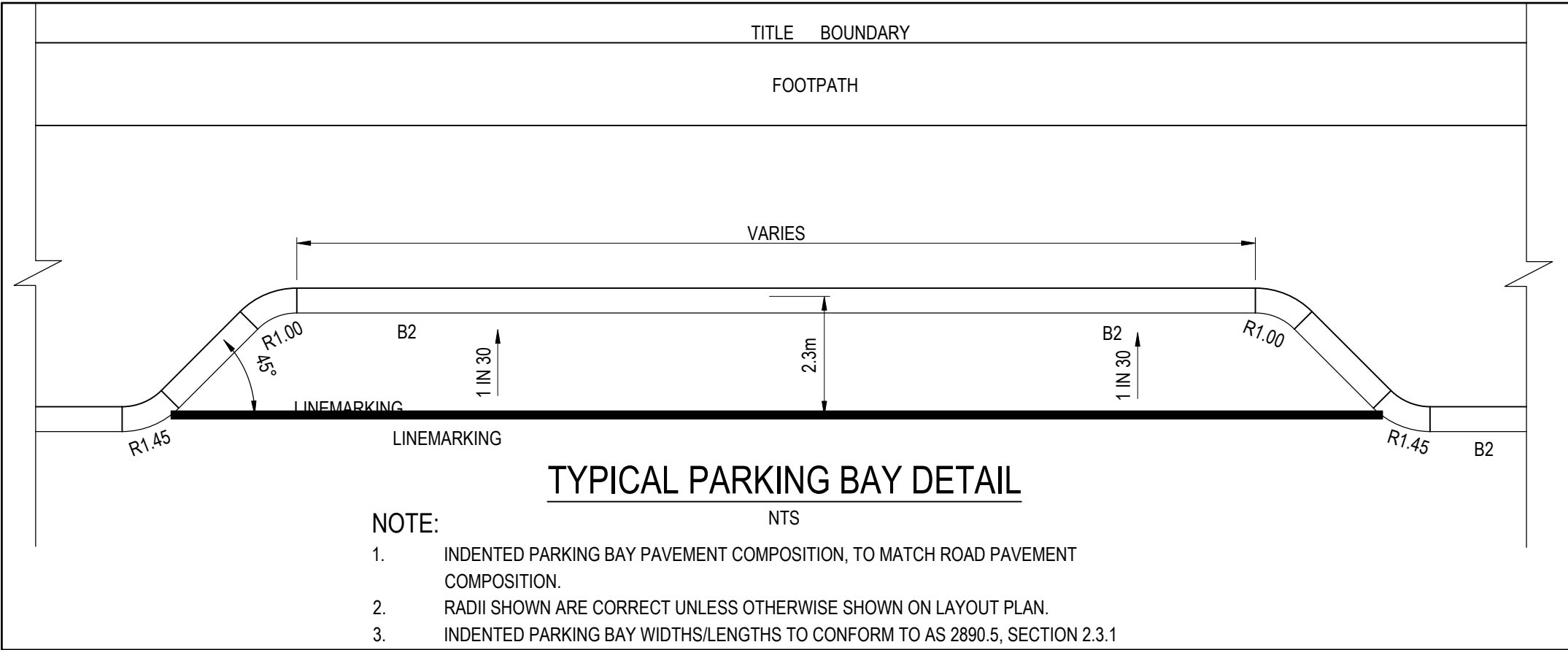
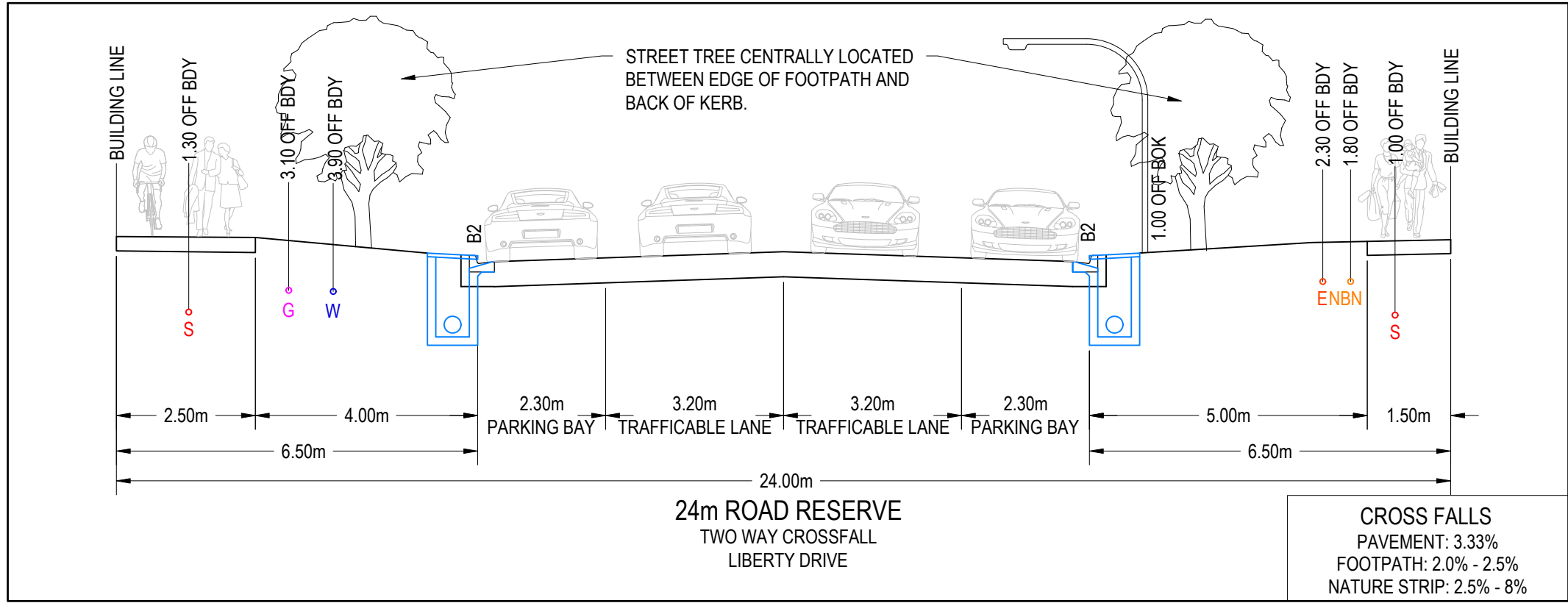
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V 1 0.5 0 1 2

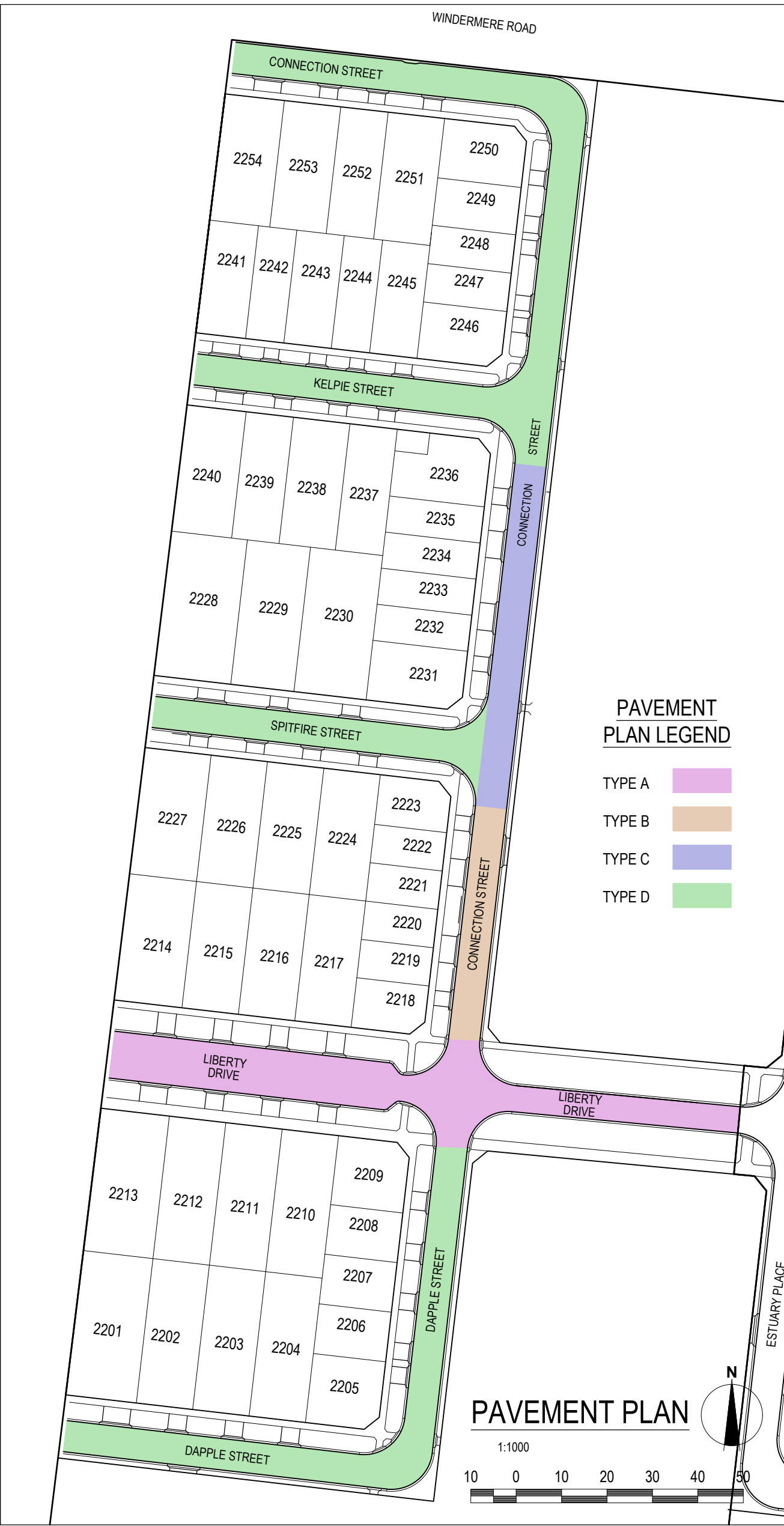
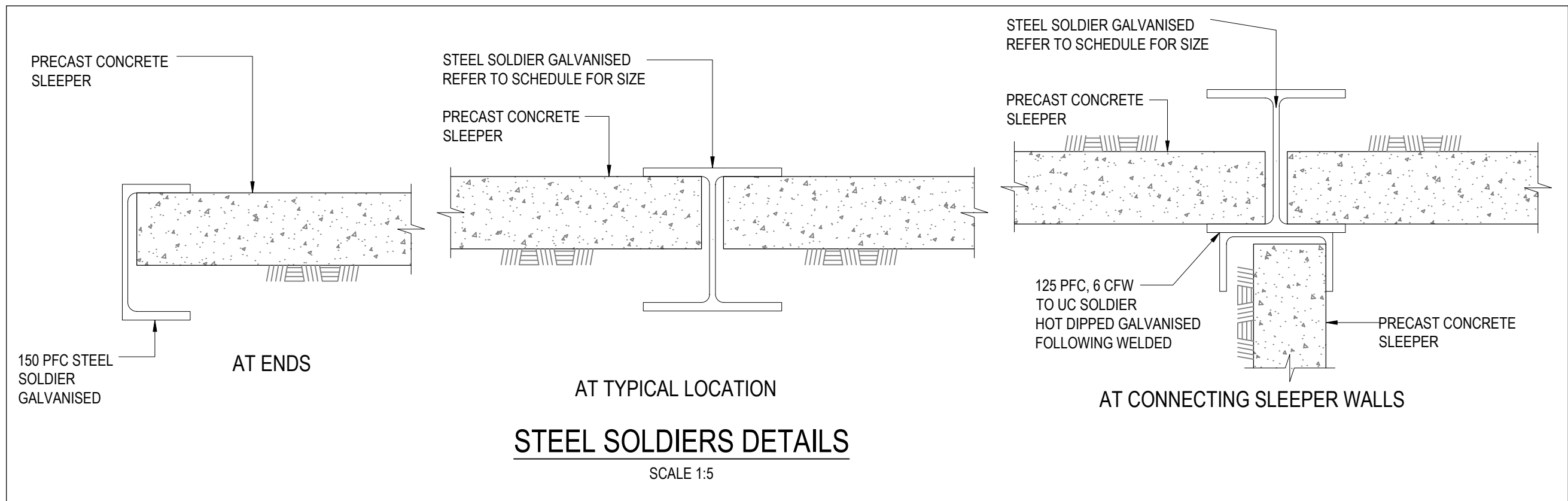
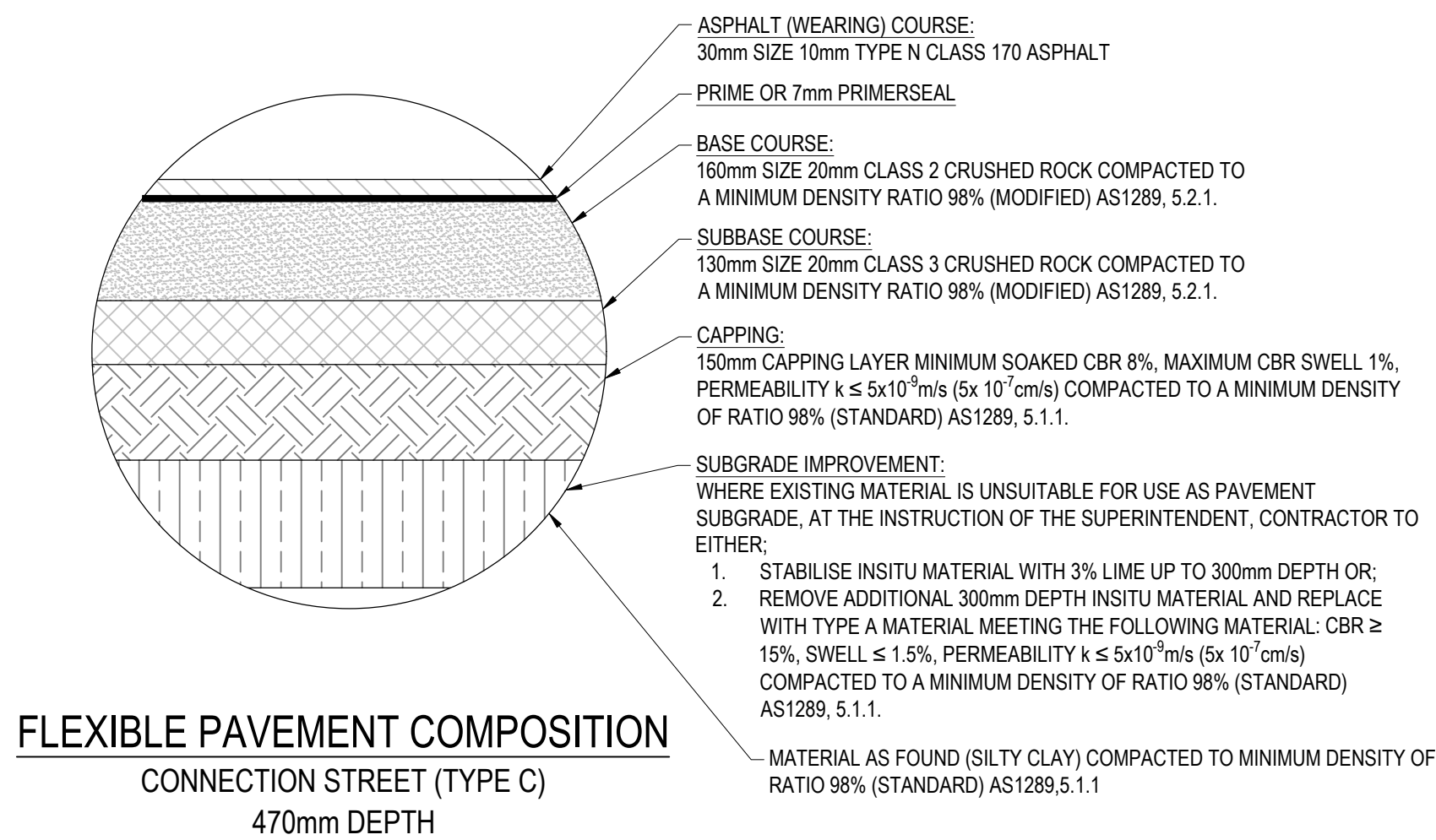
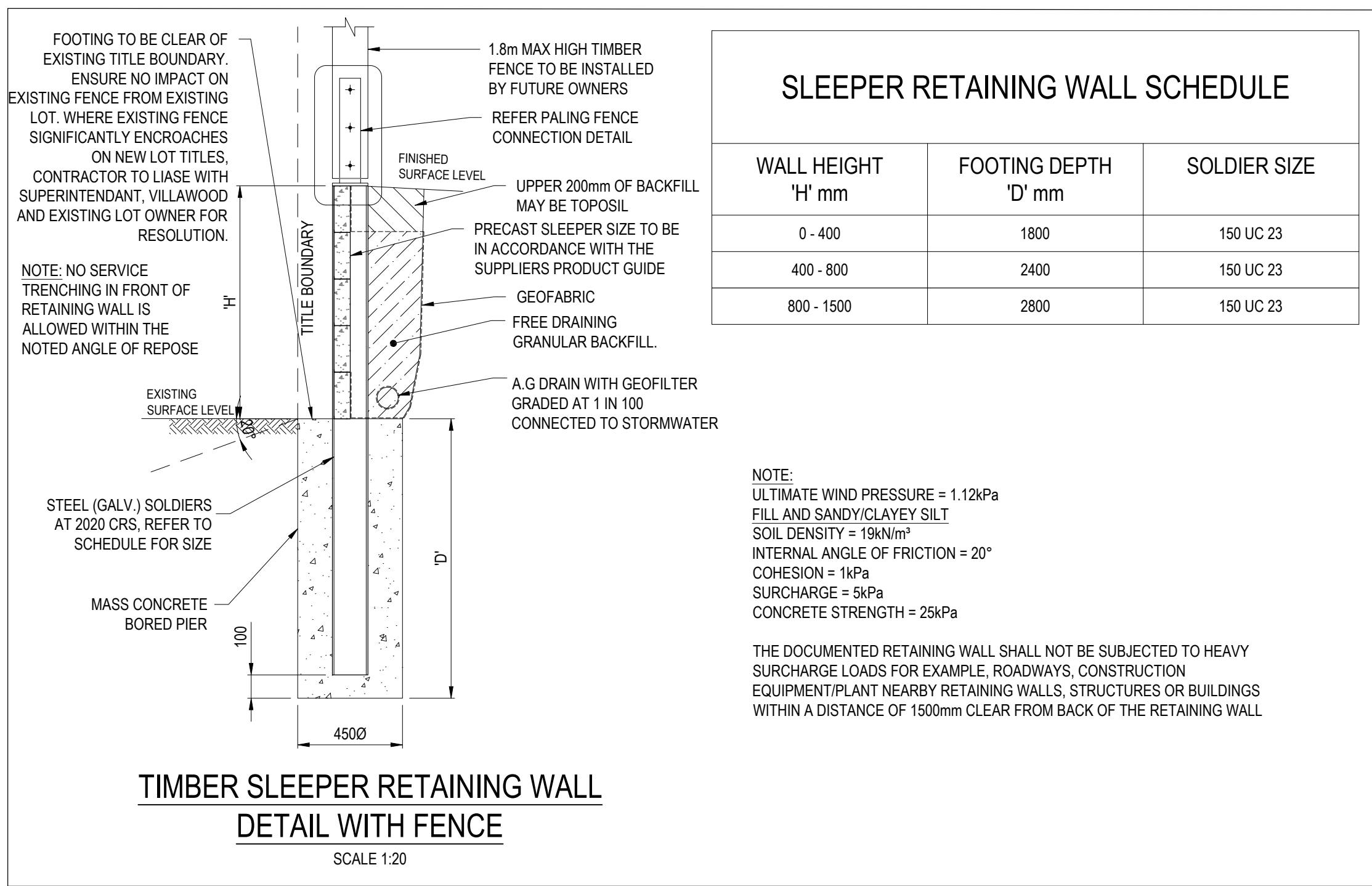
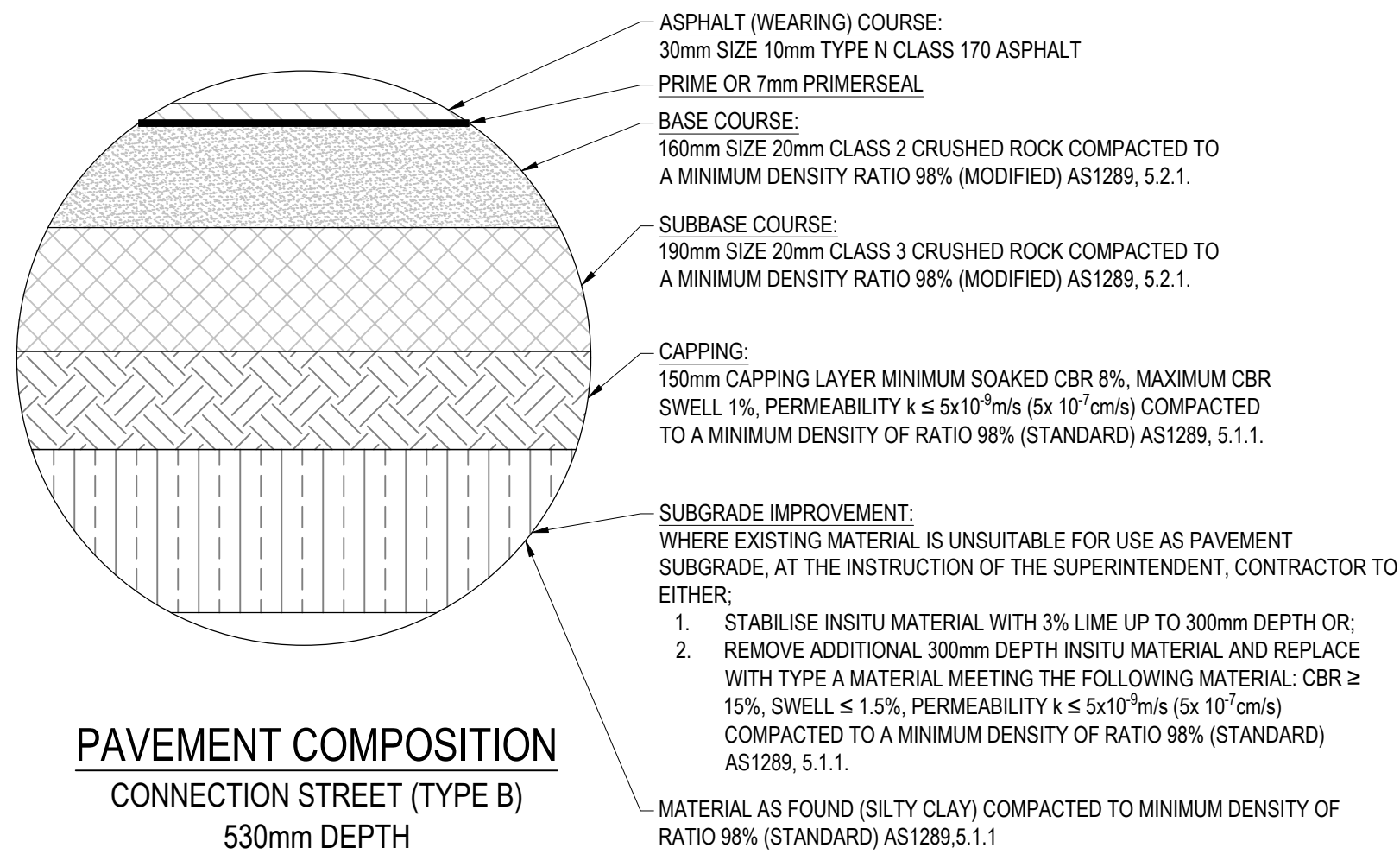
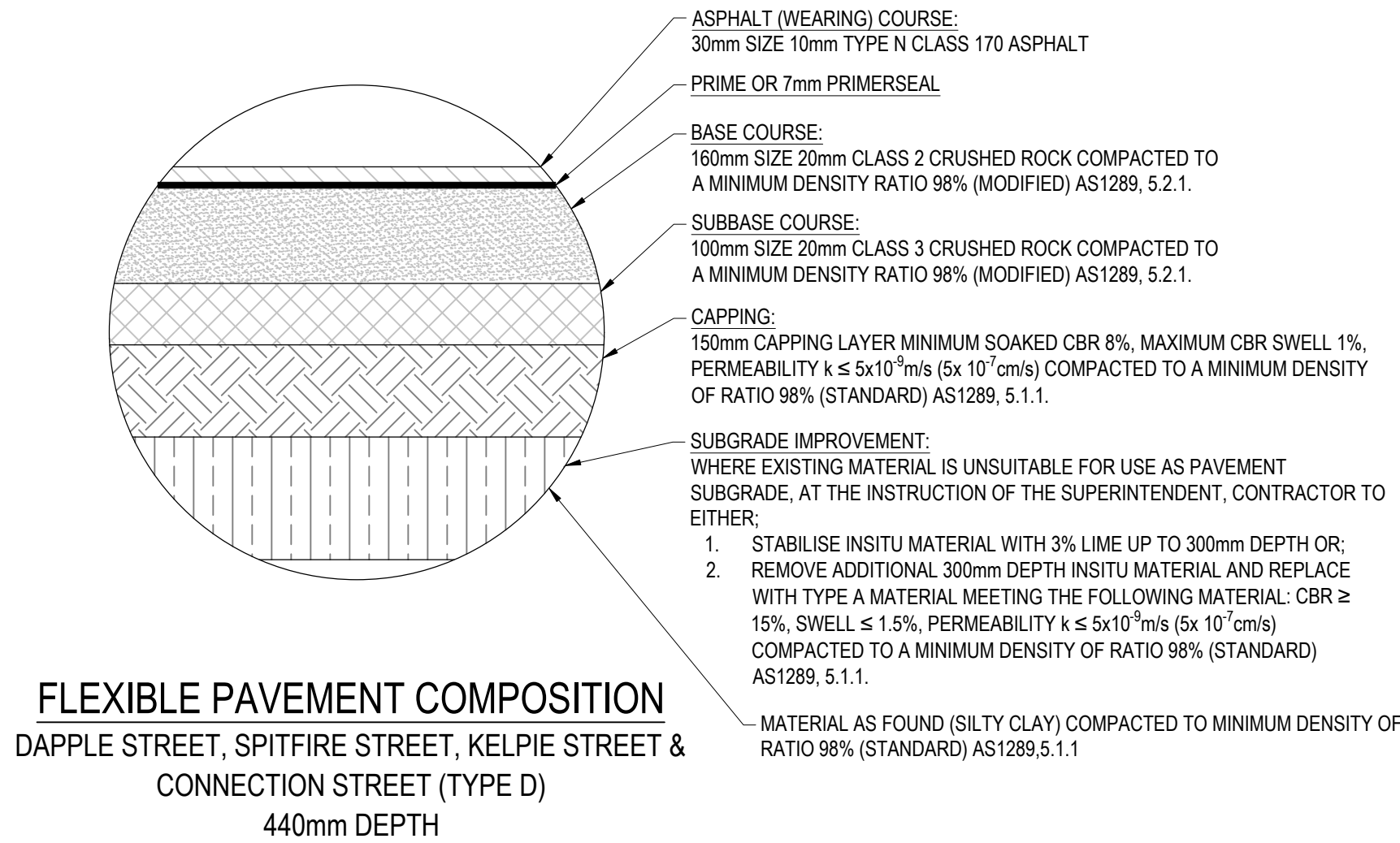
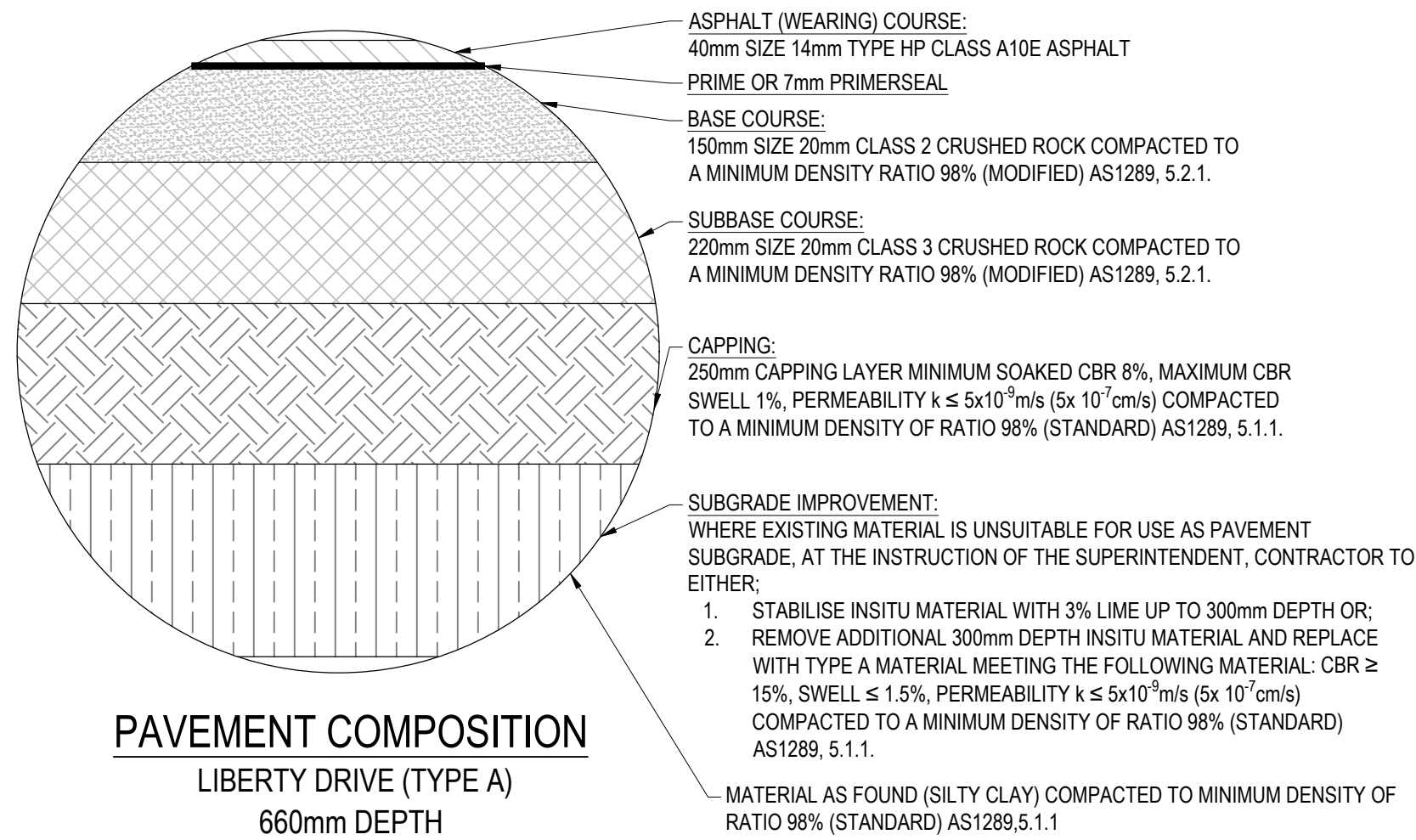
DESIGNED I.HOGAN	PROJECT ENGINEER J.RAMSAY
DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE
PROJECT No. 180014.22	DRAWING No. R605
	REVISION A

PIT SCHEDULE											
PIT NUMBER	TYPE	INTERNAL		INLET		OUTLET		COVER LEVEL (m)	DEPTH (m)	STANDARD DRAWING	REMARKS
		WIDTH (mm)	LENGTH (mm)	DIA (mm)	INVERT RL (mm)	DIA (mm)	INVERT RL (mm)				
200	HEADWALL			750	14.000			14.000			
201	JUNCTION PIT	2400	1200	750	14.135	750	14.115	16.000	1.885	REFER R905 FOR DETAIL	REFER IDM STANDARDS
						750	14.136				
202	JUNCTION PIT	600	1200	750	14.205	750	14.205	16.182	1.977	IDM SD 400 & 425	
202A	JUNCTION PIT	600	1200	750	14.345	750	14.345	16.660	2.315	IDM SD 400 & 425	
203	SIDE ENTRY PIT	1200	1200	750	14.366	750	14.366	16.857	2.491	IDM SD 410 & 430	
204	SIDE ENTRY PIT	1200	900	750	14.493	750	14.493	16.539	2.047	IDM SD 410 & 430	
				300	14.943						
205	JUNCTION PIT	1200	1200	750	14.529	750	14.529	16.476	1.947	IDM SD 410 & 420	
206	DOUBLE SIDE ENTRY PIT	1200	1900	675	14.669	750	14.565	16.431	1.866	IDM SD 410 & 445	
				450	14.585						
207	SIDE ENTRY PIT	900	1050	675	14.800	675	14.780	16.712	1.932	IDM SD 410 & 430	
208	SIDE ENTRY PIT	900	1050	600	14.854	675	14.834	17.087	2.253	IDM SD 410 & 430	
				450	14.873						
209	SIDE ENTRY PIT	900	1050	600	14.899	600	14.879	17.085	2.206	IDM SD 410 & 430	
210	DOUBLE SIDE ENTRY PIT	900	1900	525	14.967	600	14.947	16.938	1.991	IDM SD 410 & 445	
				450	15.036						
211	SIDE ENTRY PIT	900	900	525	15.146	525	15.126	17.176	2.050	IDM SD 410 & 430	
212	DOUBLE SIDE ENTRY PIT	900	1900	450	15.346	525	15.326	17.166	1.841	IDM SD 410 & 445	
213	SIDE ENTRY PIT	900	900	450	15.439	450	15.419	17.282	1.863	IDM SD 410 & 430	
				375	15.442						
214	DOUBLE SIDE ENTRY PIT	900	1900	450	15.599	450	15.579	17.316	1.737	IDM SD 410 & 445	
216	SIDE ENTRY PIT	600	900	300	15.767	450	15.747	17.418	1.671	IDM SD 400 & 430	
217	SIDE ENTRY PIT	600	900	300	15.880	300	15.860	17.548	1.687	IDM SD 400 & 430	
217A	DOUBLE SIDE ENTRY PIT	600	1900	300	16.085	300	16.005	17.431	1.426	IDM SD 400 & 445	
				300	16.031						
218	SIDE ENTRY PIT	600	900			300	16.286	17.611	1.324	IDM SD 400 & 430	
219	SIDE ENTRY PIT	600	900	300	15.009	300	14.989	16.584	1.595	IDM SD 400 & 430	
220	SIDE ENTRY PIT	600	900			300	15.445	16.878	1.433	IDM SD 400 & 430	
221	DOUBLE SIDE ENTRY PIT	600	1900	450	14.648	450	14.628	16.476	1.848	IDM SD 400 & 445	
222	SIDE ENTRY PIT	600	900	300	15.076	450	14.926	16.753	1.828	IDM SD 400 & 430	
223	DOUBLE SIDE ENTRY PIT	600	1900	300	15.487	300	15.238	16.939	1.700	IDM SD 400 & 445	
				300	15.288						
224	SIDE ENTRY PIT	600	900			300	15.780	17.213	1.433	IDM SD 400 & 430	
225	DOUBLE SIDE ENTRY PIT	600	1900	300	15.371	300	15.351	16.939	1.588	IDM SD 400 & 445	
226	SIDE ENTRY PIT	600	900			300	15.778	17.211	1.433	IDM SD 400 & 430	
208A	SIDE ENTRY PIT	600	900	450	14.994	450	14.974	16.740	1.766	IDM SD 400 & 430	
208B	SIDE ENTRY PIT	600	900	450	15.038	450	15.018	16.740	1.722	IDM SD 400 & 430	
208C	SIDE ENTRY PIT	600	900	450	15.138	450	15.118	16.501	1.383	IDM SD 400 & 430	
208D	GRATED JUNCTION PIT	600	900			450	15.199	16.065	0.866	IDM SD 400 & 455	
227	DOUBLE SIDE ENTRY PIT	900	1900	450	15.085	450	15.065	16.916	1.850	IDM SD 410 & 445	
228	SIDE ENTRY PIT	900	900	450	15.264	450	15.244	17.153	1.910	IDM SD 410 & 430	
229	SIDE ENTRY PIT	600	900	375	15.400	450	15.380	17.276	1.896	IDM SD 400 & 430	
				375	15.400						
230	SIDE ENTRY PIT	600	900	375	15.454	375	15.434	17.276	1.842	IDM SD 400 & 430	
				300	15.454						
231	SIDE ENTRY PIT	600	900	300	15.525	375	15.505	17.270	1.765	IDM SD 400 & 430	
231A	DOUBLE SIDE ENTRY PIT	600	1900	300	15.700	300	15.680	17.136	1.457	IDM SD 400 & 445	
232	SIDE ENTRY PIT	600	900			300	15.756	17.189	1.433	IDM SD 400 & 430	
234	SIDE ENTRY PIT	600	900			375	15.767	17.579	1.812	IDM SD 400 & 430	
235	SIDE ENTRY PIT	600	900			300	15.824	17.557	1.733	IDM SD 400 & 430	
236	SIDE ENTRY PIT	600	900	375	15.490	375	15.470	17.252	1.781	IDM SD 400 & 430	
237	SIDE ENTRY PIT	600	900	375	15.553	375	15.533	17.373	1.840	IDM SD 400 & 430	
				300	15.918						
238	SIDE ENTRY PIT	600	900	375	15.607	375	15.587	17.373	1.786	IDM SD 400 & 430	
				300	15.918						
239	SIDE ENTRY PIT	600	900	300	15.741	375	15.658	17.365	1.708	IDM SD 400 & 430	
240	DOUBLE SIDE ENTRY PIT	600	1900	300	15.846	300	15.826	17.286	1.459	IDM SD 400 & 445	
241	SIDE ENTRY PIT	600	900			300	15.925	17.359	1.433	IDM SD 400 & 430	
242	SIDE ENTRY PIT	600	900			300	16.238	17.671	1.433	IDM SD 400 & 430	
243	SIDE ENTRY PIT	600	900			300	16.245	17.678	1.433	IDM SD 400 & 430	
245	SIDE ENTRY PIT	600	1900			300	16.076	17.430	1.354	IDM SD 400 & 430	
A	JUNCTION PIT	1200	1800	300	12.150			14.257	2.107	IDM SD 420	STANDARD MELBOURNE WATER PIPE GRILLE
B	JUNCTION PIT	1200	1800	300	12.318	300	12.298	14.350	2.052	REFER R905 FOR DETAIL	REFER R905 FOR DETAIL
C	TWIN CHAMBER OUTLET PIT	1850	2050	300	12.381	300	12.361	14.950	2.589	REFER R905 FOR DETAIL	REFER R905 FOR DETAIL
D	SUBMERGED OFFTAKE PIT	900	900			300	12.429	14.000	1.571	MWC SD 7251/12/035	

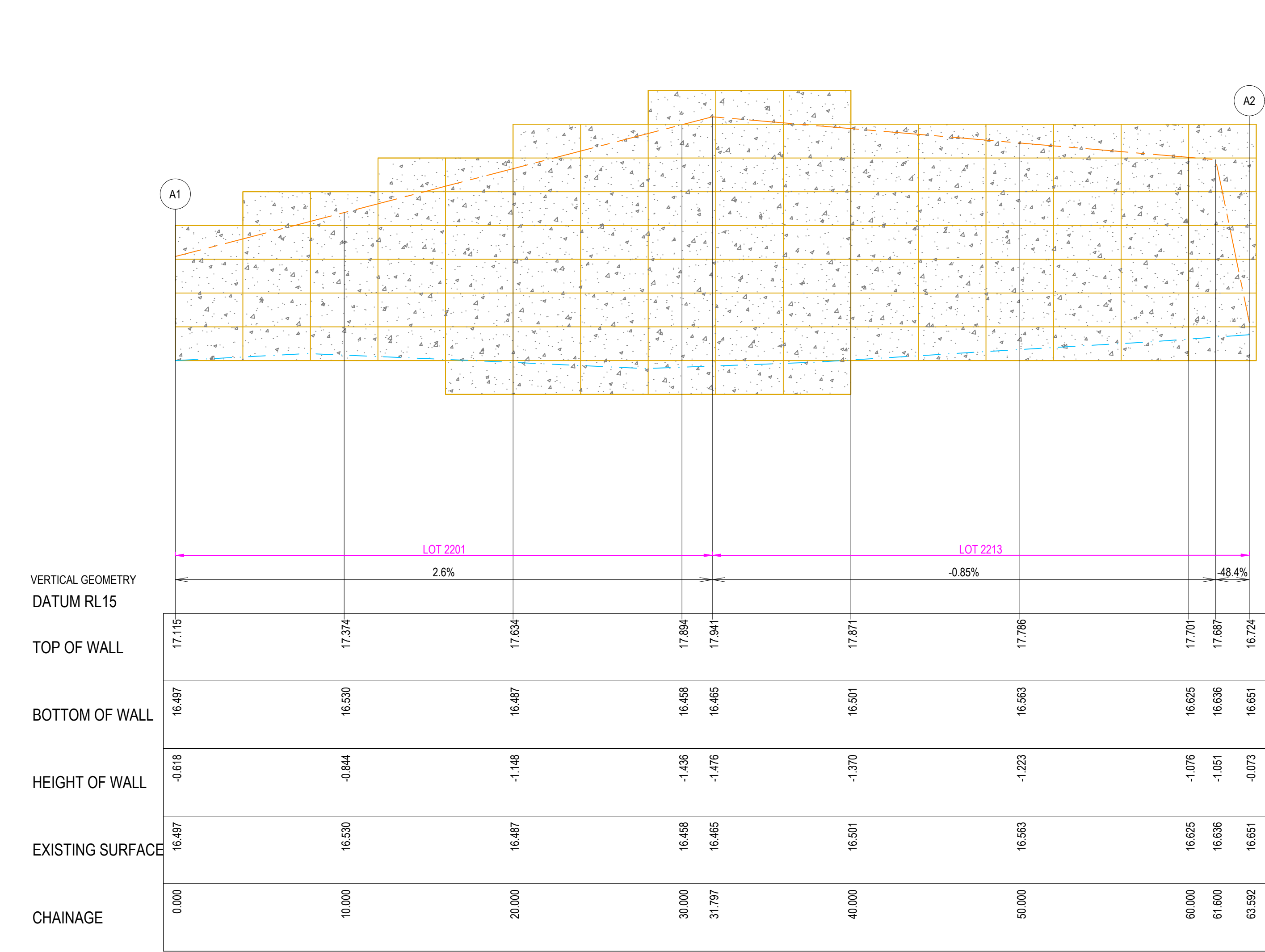
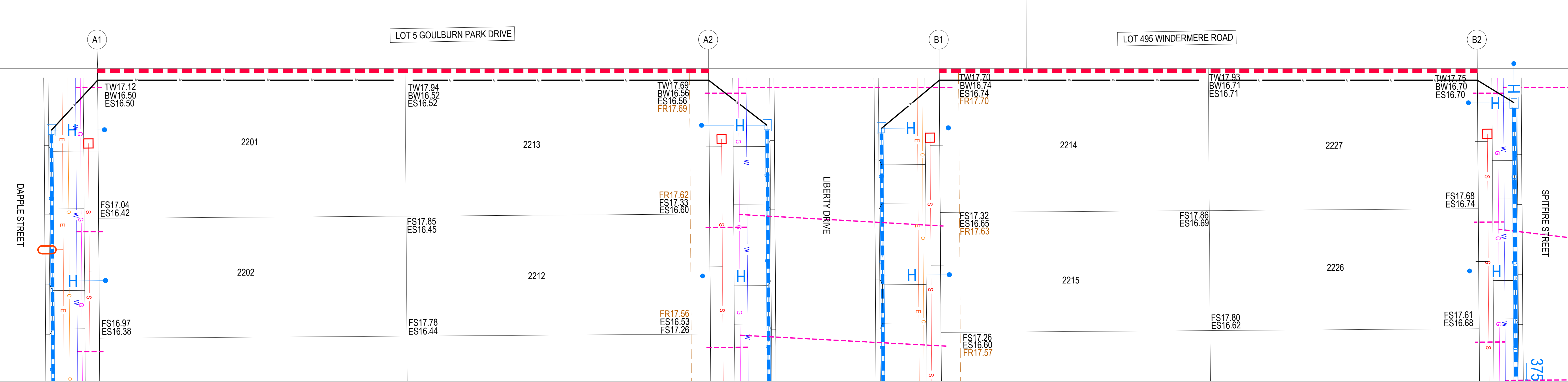
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	DESIGNED	PROJECT ENGINEER		
									ISSUED FOR APPROVAL NOT FOR CONSTRUCTION	I.HOGAN	J.RAMSAY		
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE				Suite 2, 2 Bloomsbury Street Newtown, VIC, Australia 3220	Coridale LARA	REGISTERED ENGINEER NAME: J RAMSAY PE REG. NO: PE0015586 LOCAL AUTHORITY: CITY OF GREATER GEELONG PLANNING PERMIT No: PP-496-2018	SCALE @ A1 : AS SHOWN	I.HOGAN
										PROJECT No. 180014.22	DRAWING No. R606	REVISION A	



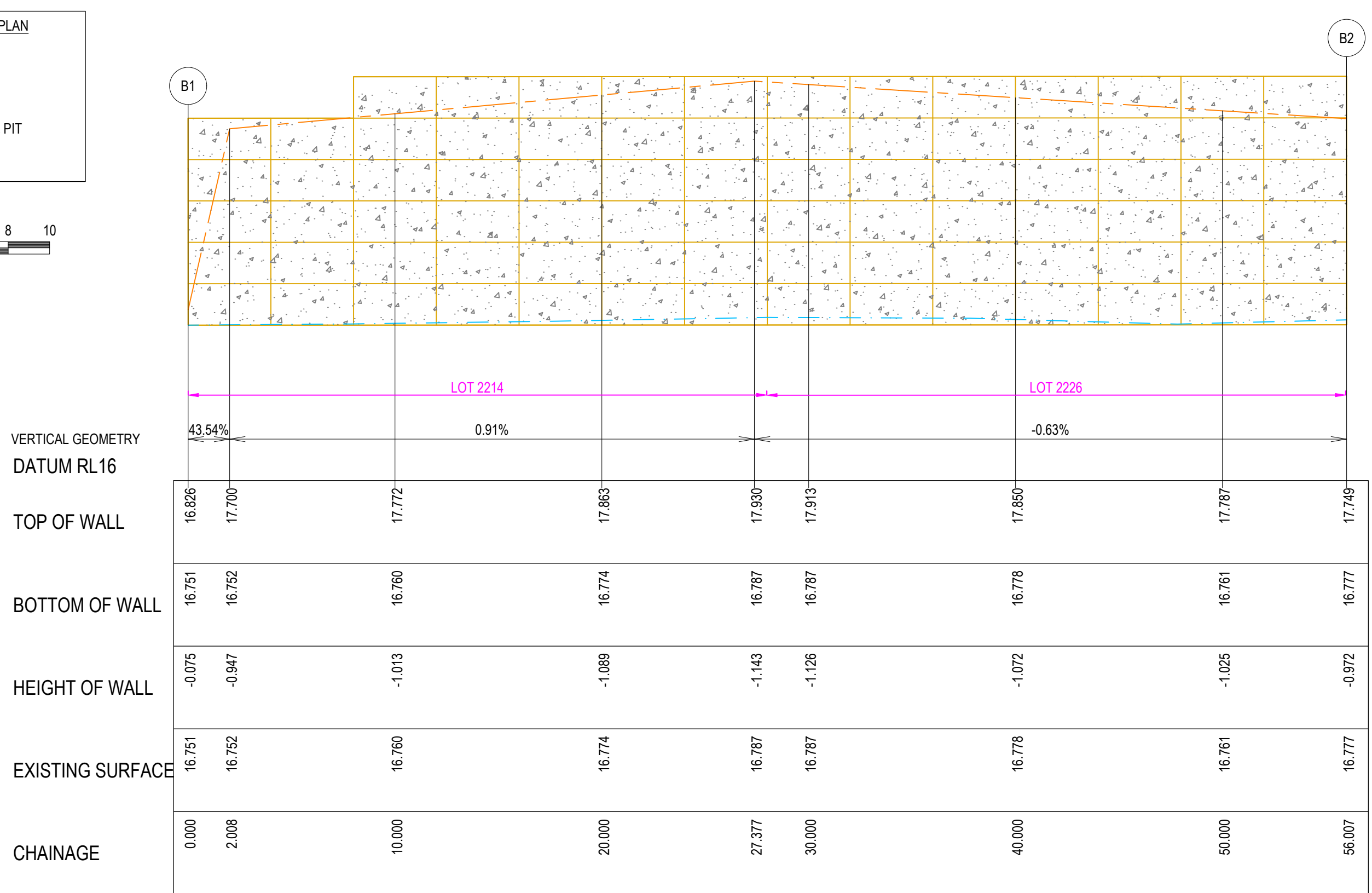
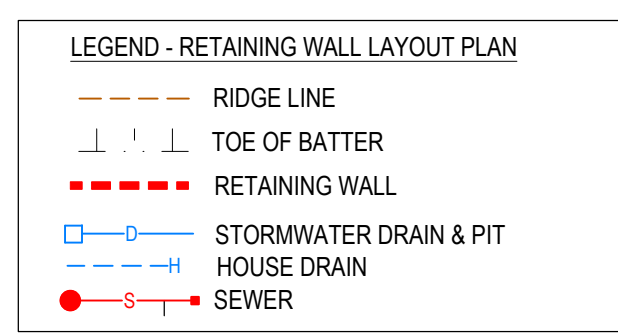
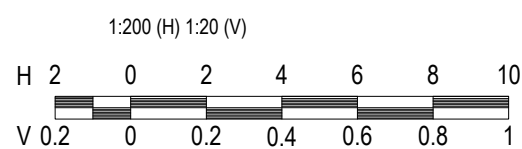
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	DESIGNED	PROJECT ENGINEER	
							 Suite 2, 2 Bloomsbury Street Newtown, VIC, Australia 3220	 Coridale LARA	ISSUED FOR APPROVAL NOT FOR CONSTRUCTION	I.HOGAN	J.RAMSAY	
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE						REGISTERED ENGINEER NAME: J.RAMSAY PE REG. NO: PE0015586 LOCAL AUTHORITY: CITY OF GREATER GEELONG PLANNING PERMIT No: PP-496-2018	SCALE @ A1 : AS SHOWN



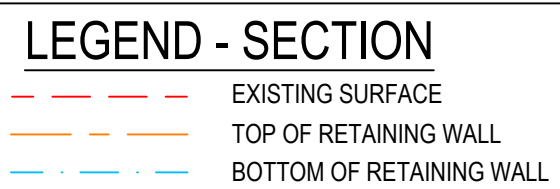
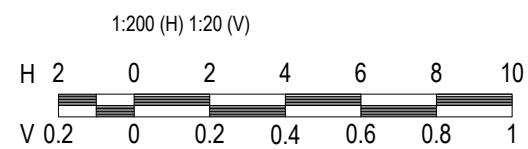
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	DESIGNED	PROJECT ENGINEER	
							 Suite 2, 2 Bloomsbury Street Newtown, VIC, Australia 3220	 LARA	ISSUED FOR APPROVAL NOT FOR CONSTRUCTION	I.HOGAN	J.RAMSAY	
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE						REGISTERED ENGINEER NAME: J.RAMSAY PE REG. NO: PE0015586 LOCAL AUTHORITY: CITY OF GREATER GEELONG PLANNING PERMIT No: PP-496-2018	SCALE @ A1 : AS SHOWN
										PROJECT No. 180014.22	DRAWING No. R701	REVISION A



RETAINING WALL - A - LONGITUDINAL SECTION



RETAINING WALL - B - LONGITUDINAL SECTION



NOTE:
A FULLY CERTIFIED STRUCTURAL DESIGN COMPLIANCE CERTIFICATE FOR THE RETAINING WALLS, INCLUDING ASSOCIATED DRAINAGE ARRANGEMENTS, IS REQUIRED FOR COUNCIL RECORDS.

NOTE:
TIMBER SLEEPERS ARE SHOWN INDICATIVELY ONLY. CONTRACTOR TO PROVIDE AS APPROPRIATE ONSITE

RETAINING WALL - CIVIL CONTRACTOR

- BUILDING PERMIT REQUIRED
- CONSTRUCTION COMPLIANCE REQUIRED AT PRACTICAL COMPLETION
- REFER TO R700 AND STRUCTURAL DRAWINGS FOR DETAILS

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A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE



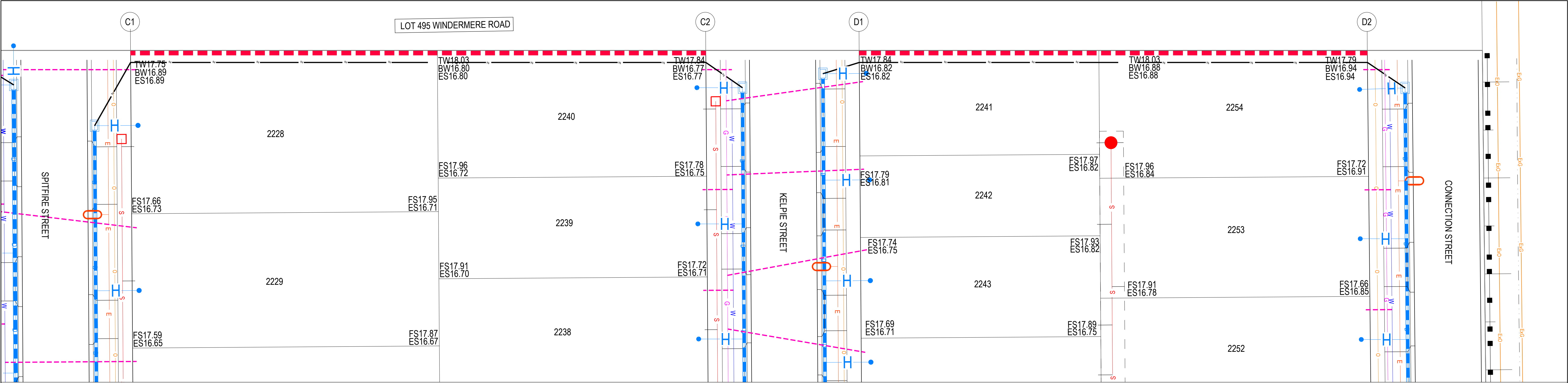
DRAWING TITLE
**CORIDALE ESTATE - STAGE 22
RETAINING WALL DETAIL - 1**

REGISTERED ENGINEER
NAME: J.RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

STATUS
**ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION**

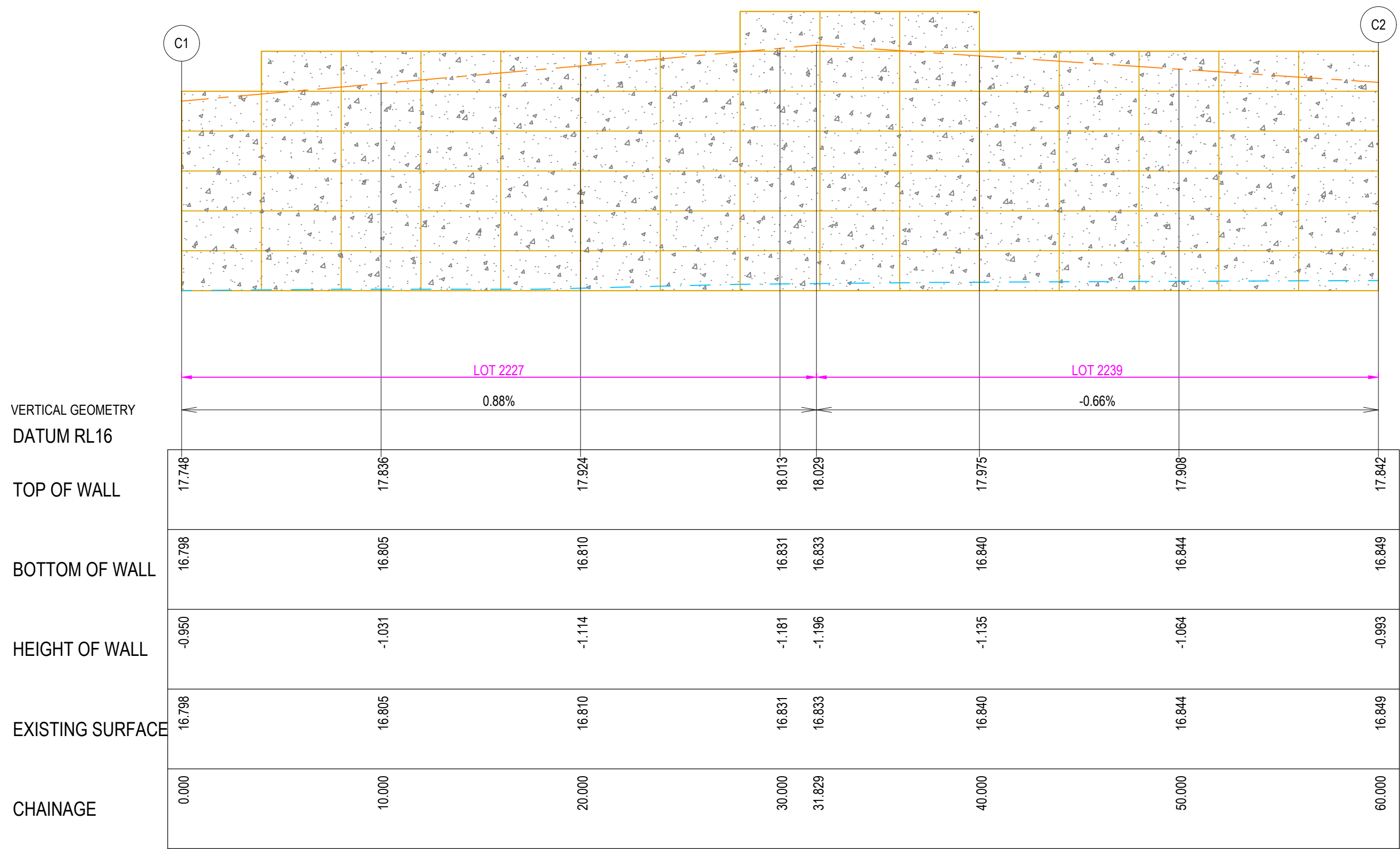
SCALE @ A1:
AS SHOWN

DESIGNED I.HOGAN	PROJECT ENGINEER J.RAMSAY
DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE
PROJECT No. 180014.22	DRAWING No. R702
	REVISION A

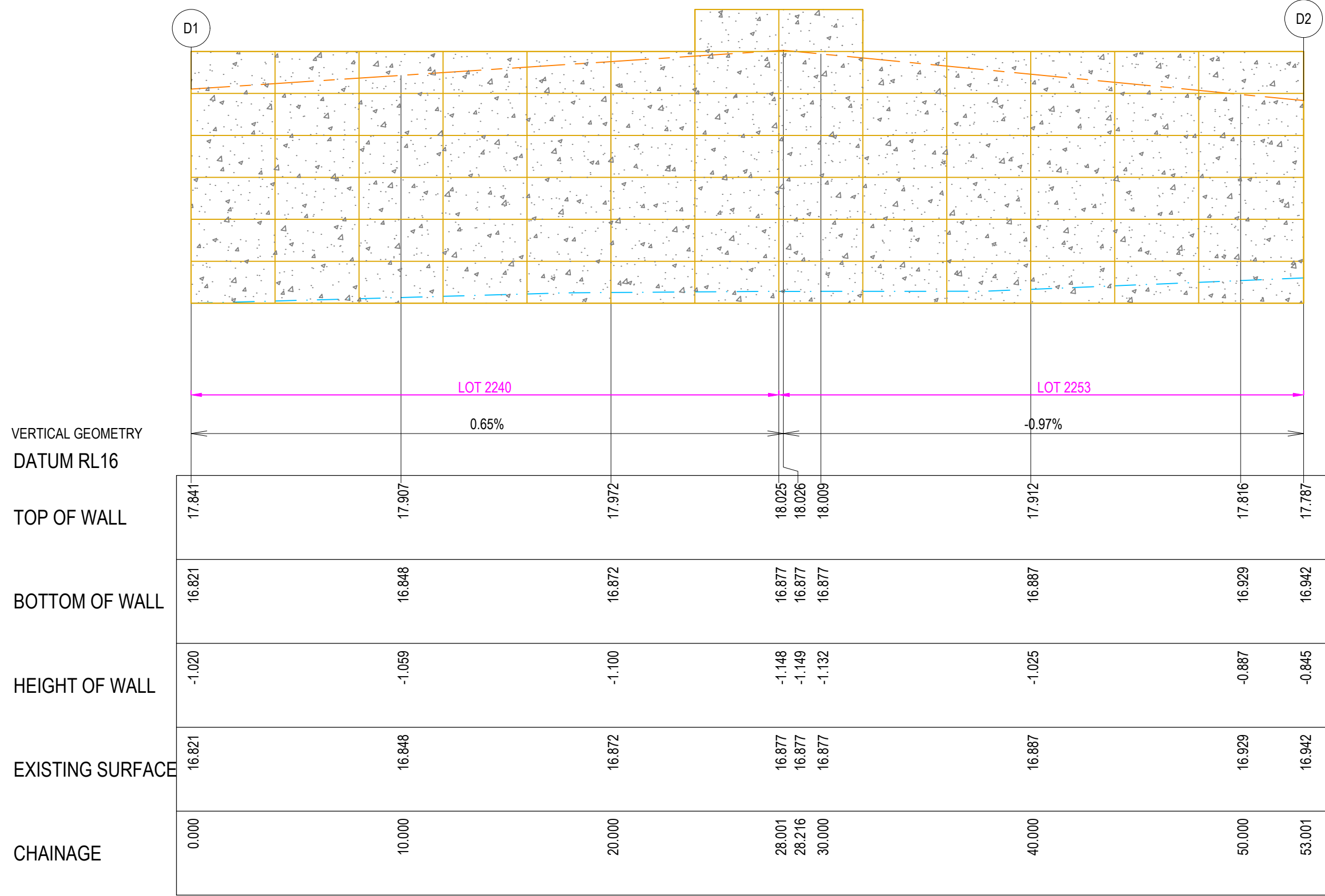
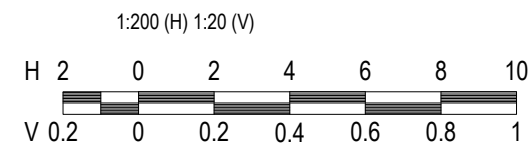


LEGEND - RETAINING WALL LAYOUT PLAN

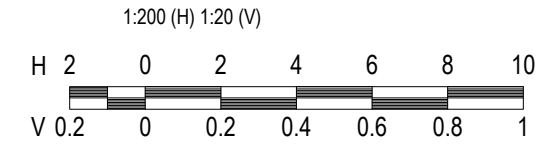
- RIDGE LINE
- TOE OF BATTER
- - - RETAINING WALL
- STORMWATER DRAIN & PIT
- HOUSE DRAIN
- SEWER



RETAINING WALL - C - LONGITUDINAL SECTION



RETAINING WALL - D - LONGITUDINAL SECTION



LEGEND - SECTION

- EXISTING SURFACE
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL

NOTE:
A FULLY CERTIFIED STRUCTURAL DESIGN COMPLIANCE CERTIFICATE FOR THE RETAINING WALLS, INCLUDING ASSOCIATED DRAINAGE ARRANGEMENTS, IS REQUIRED FOR COUNCIL RECORDS.

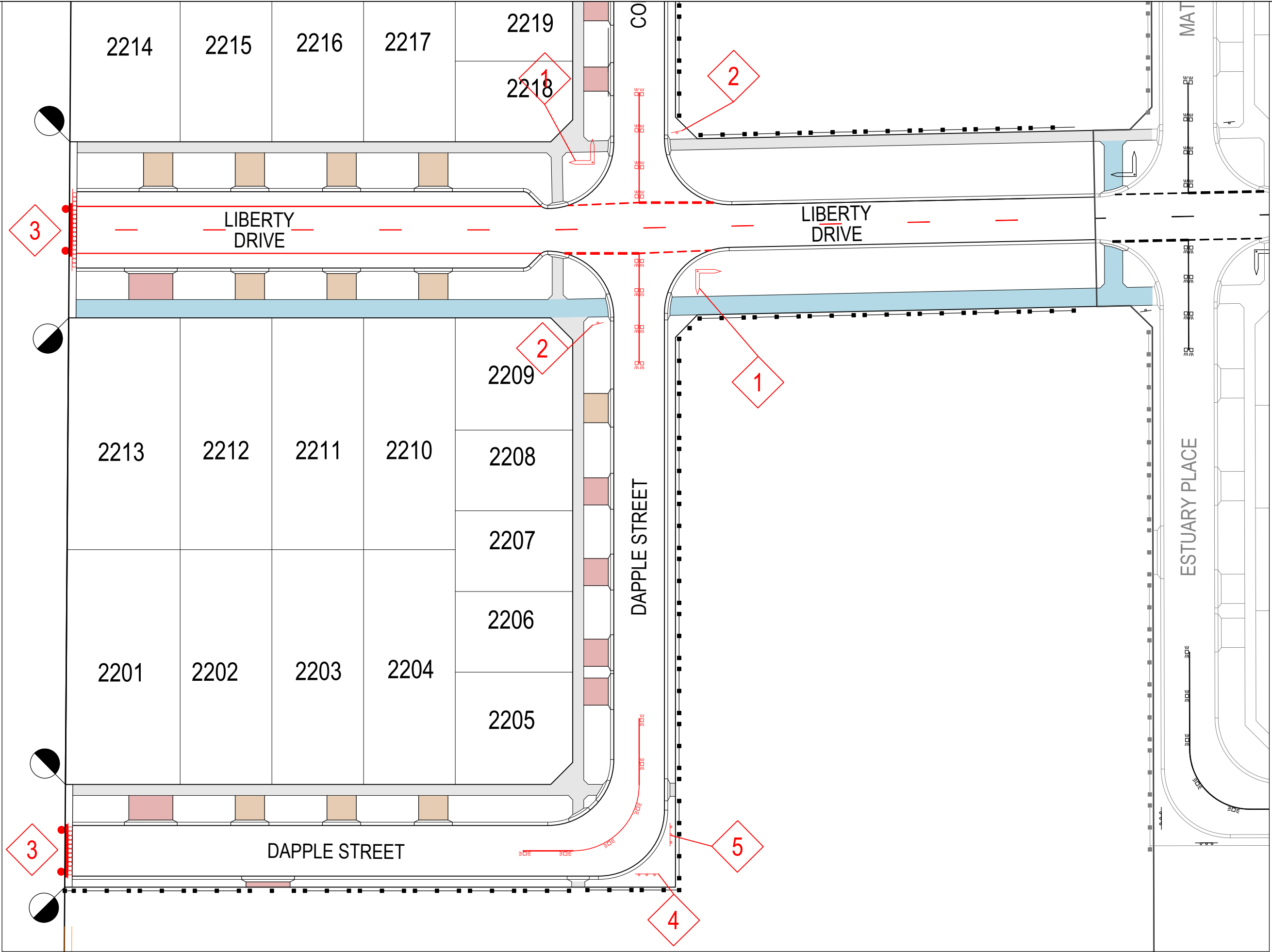
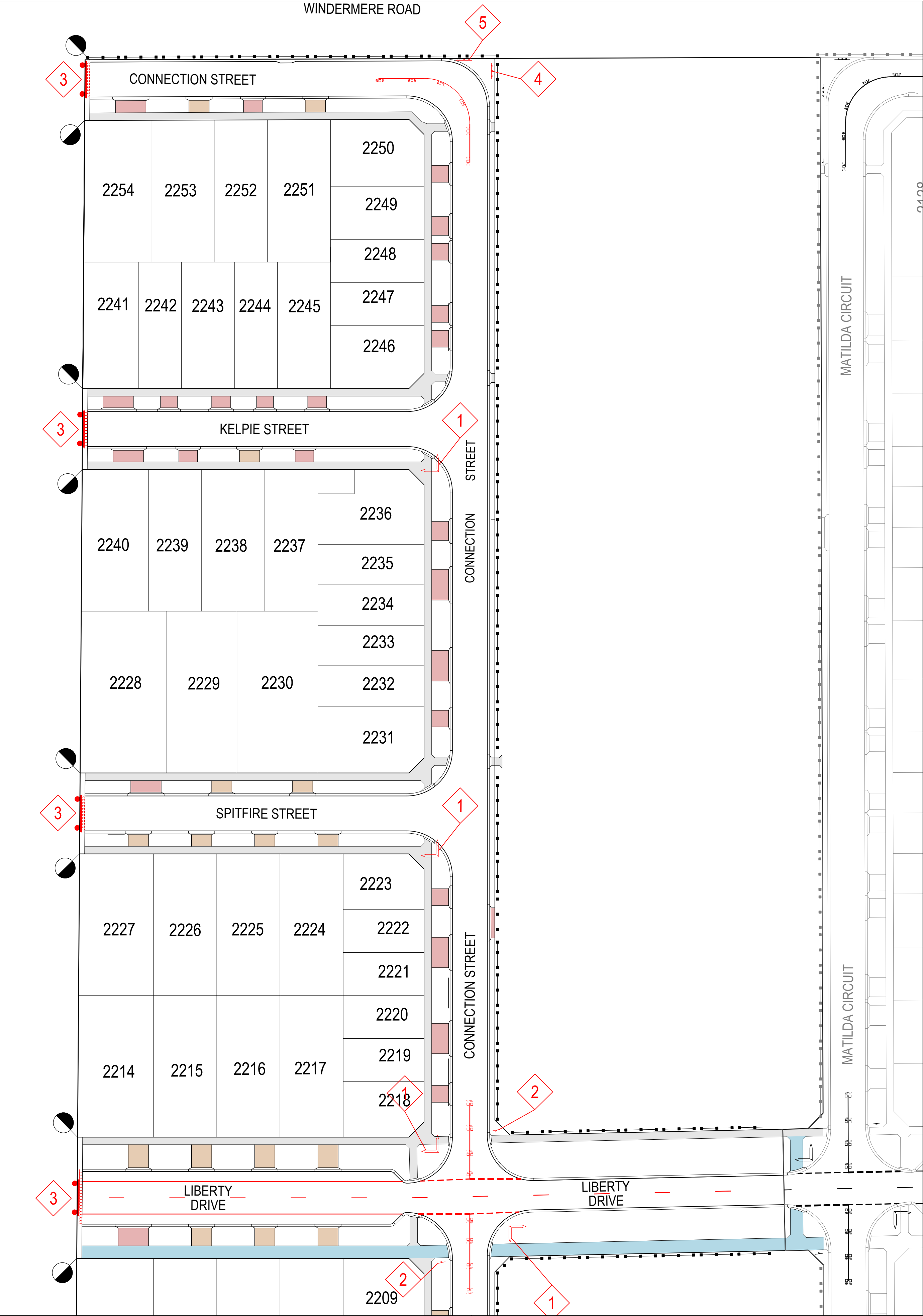
RETAINING WALL - CIVIL CONTRACTOR

- BUILDING PERMIT REQUIRED
- CONSTRUCTION COMPLIANCE REQUIRED AT PRACTICAL COMPLETION
- REFER TO R700 AND STRUCTURAL DRAWINGS FOR DETAILS

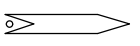
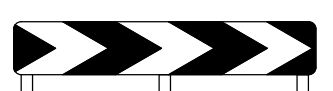
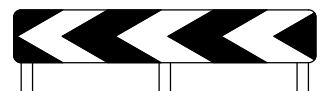
NOTE:
TIMBER SLEEPERS ARE SHOWN INDICATIVELY ONLY. CONTRACTOR TO PROVIDE AS APPROPRIATE ONSITE

WARNING
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	DESIGNED	PROJECT ENGINEER		
							 Suite 2, 2 Bloomsbury Street Newtown, VIC, Australia 3220		CORIDALE ESTATE - STAGE 22 RETAINING WALL DETAIL - 2 REGISTERED ENGINEER NAME: J.RAMSAY PE REG. NO: PE0015586 LOCAL AUTHORITY: CITY OF GREATER GEELONG PLANNING PERMIT No: PP-496-2018	ISSUED FOR APPROVAL NOT FOR CONSTRUCTION	I.HOGAN J.RAMSAY		
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE				SCALE @ A1 : AS SHOWN 	I.HOGAN PROJECT MANAGER M.TROUNCE	DRAWING No. 180014.22	DRAWING No. R703	REVISION A



CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

SIGN SCHEDULE		
SIGN	REF	QUANTITY
	1	REFER TABLE
	2	2 No.
	3	5 No.
	4	1 No.
	5	1 No.
	AS SHOWN	12No.
	AS SHOWN	16No.

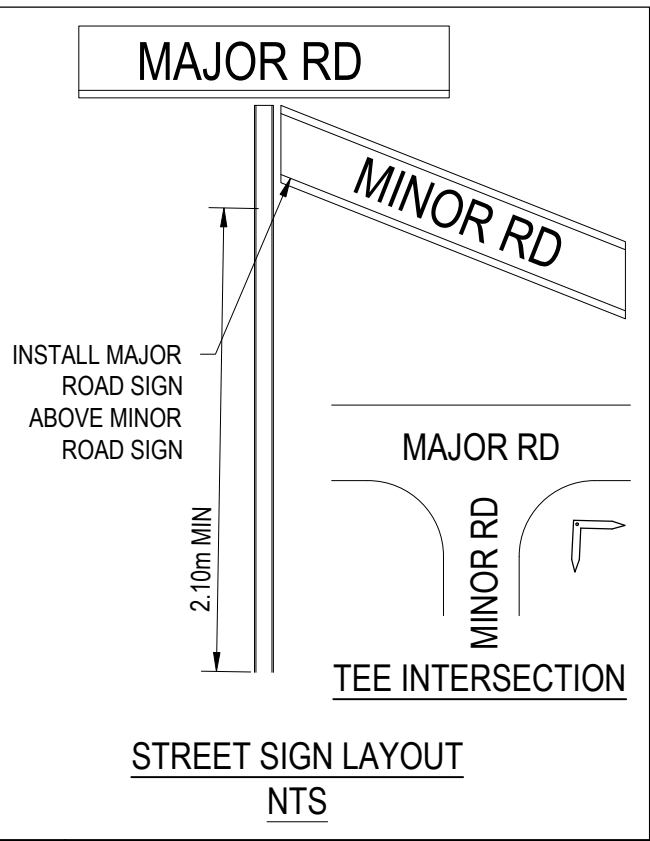
STREET SIGN SCHEDULE	
LIBERTY ^{DR}	2No.
CONNECTION ST	3No.
DAPPLE ST	1No.
SPITFIRE ST	1No.
KELPIE ST	1No.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE



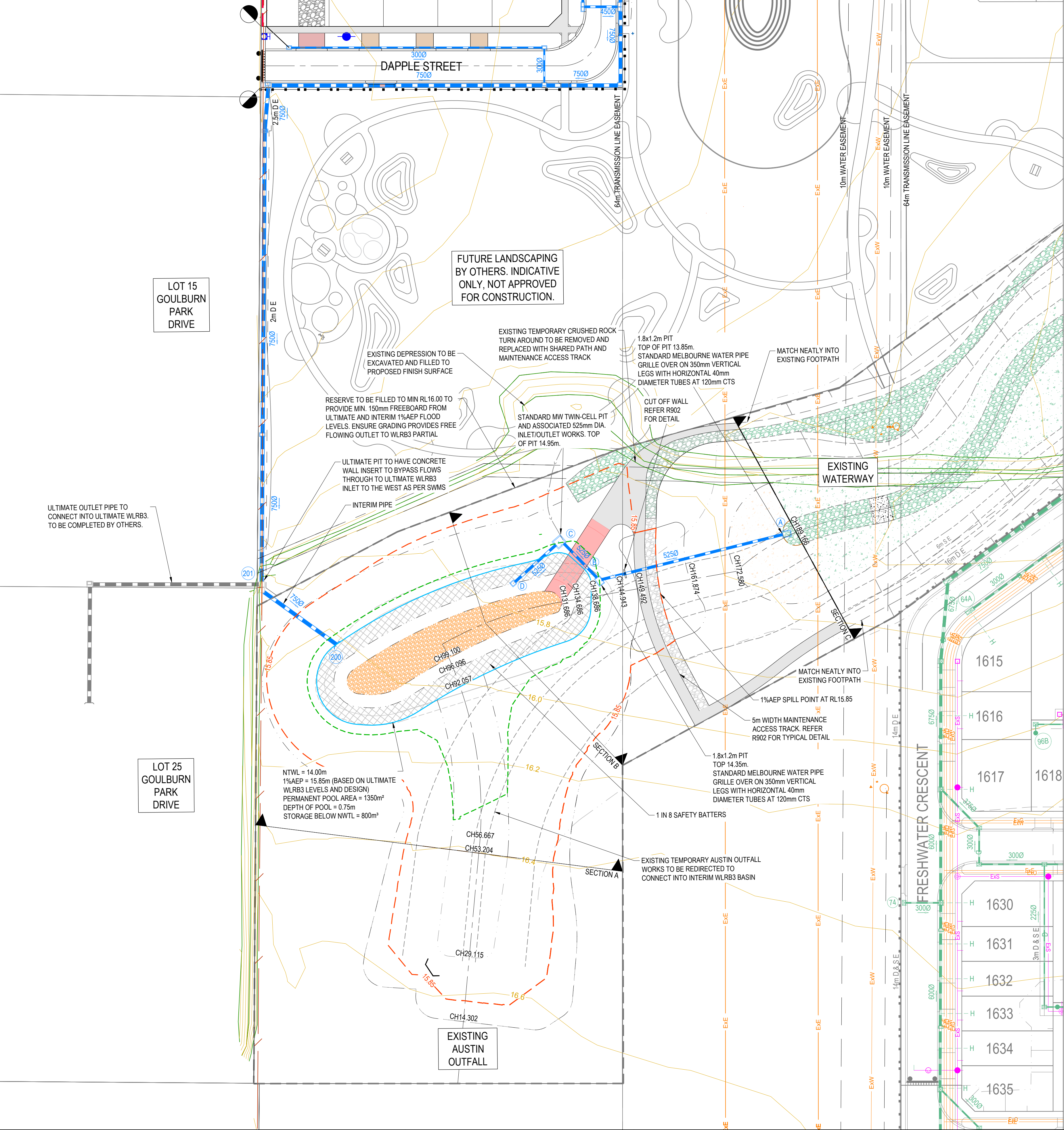
DRAWING TITLE
**CORIDALE ESTATE - STAGE 22
SIGNAGE & LINEMARKING PLAN**

REGISTERED ENGINEER
NAME: J RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018



- LINEMARKING & SIGNAGE NOTES:**
- ALL LINE MARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742.1 AND AS 1742.2, UNLESS SPECIFICALLY SHOWN OTHERWISE.
 - LINEMARKING IS TO BE INSTALLED USING EXTRUDED LONG LIFE THERMOPLASTIC PAINT. TEMPORARY LINEMARKING USING ORDINARY PAINT IS TO BE APPLIED WHEN WEARING COURSE ASPHALT IS NOT APPLIED FOR A PERIOD OF TIME E.G. AT PRACTICAL COMPLETION.
 - ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.
 - LINEMARKING SET OUT SHALL BE INSPECTED AND APPROVED BY COUNCIL BEFORE FINAL LINEMARKING IS CARRIED OUT.
 - HIGH FRICTION SURFACE TREATMENT COLOURED EMERALD GREEN MUST BE PROVIDED WITHIN THE BICYCLE LANES MARKED AS GREEN ON THE PLAN. INSTALLATION MUST COMPLY WITH VICROADS STANDARD SECTION 430 FOR HIGH FRICTION SURFACE TREATMENTS TO MANUFACTURERS SPECIFICATIONS.

STATUS		DESIGNED	PROJECT ENGINEER	
ISSUED FOR APPROVAL NOT FOR CONSTRUCTION		I.HOGAN	J.RAMSAY	
SCALE @ A1 : 1:500		DRAWN	PROJECT MANAGER	
		I.HOGAN	M.TROUNCE	
		PROJECT No.	DRAWING No.	REVISION
		180014.22	R800	A



CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

LEGEND

- STORMWATER DRAIN AND PIT
- FUTURE STORMWATER DRAIN AND PI
- SAFETY BENCH (1 IN 8 MAX, MINIMUM 2.8m WIDTH)
- CONCRETE PATH
- SEDIMENT BASIN BASE
- ACCESS TRACK / RAMP
- NORMAL WATER LEVEL (NTWL 14.00)
- EXTENDED DETENTION DEPTH (EDD 14.35)
- 1% AEP LEVEL (RL 15.85)

NOTE:
CONTRACTOR IS TO VERIFY ALL CONNECTION
LEVELS PRIOR TO COMMENCEMENT OF
WORKS AND NOTIFY CREO CIVIL IF THERE
ARE DIFFERENCES

WARNING
BEWARE OF UNDERGROUND & OVERHEAD SERVICES
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DRAWING TITLE
**CORIDALE ESTATE - STAGE 22
BASIN LAYOUT PLAN**

REGISTERED ENGINEER
NAME: J.RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

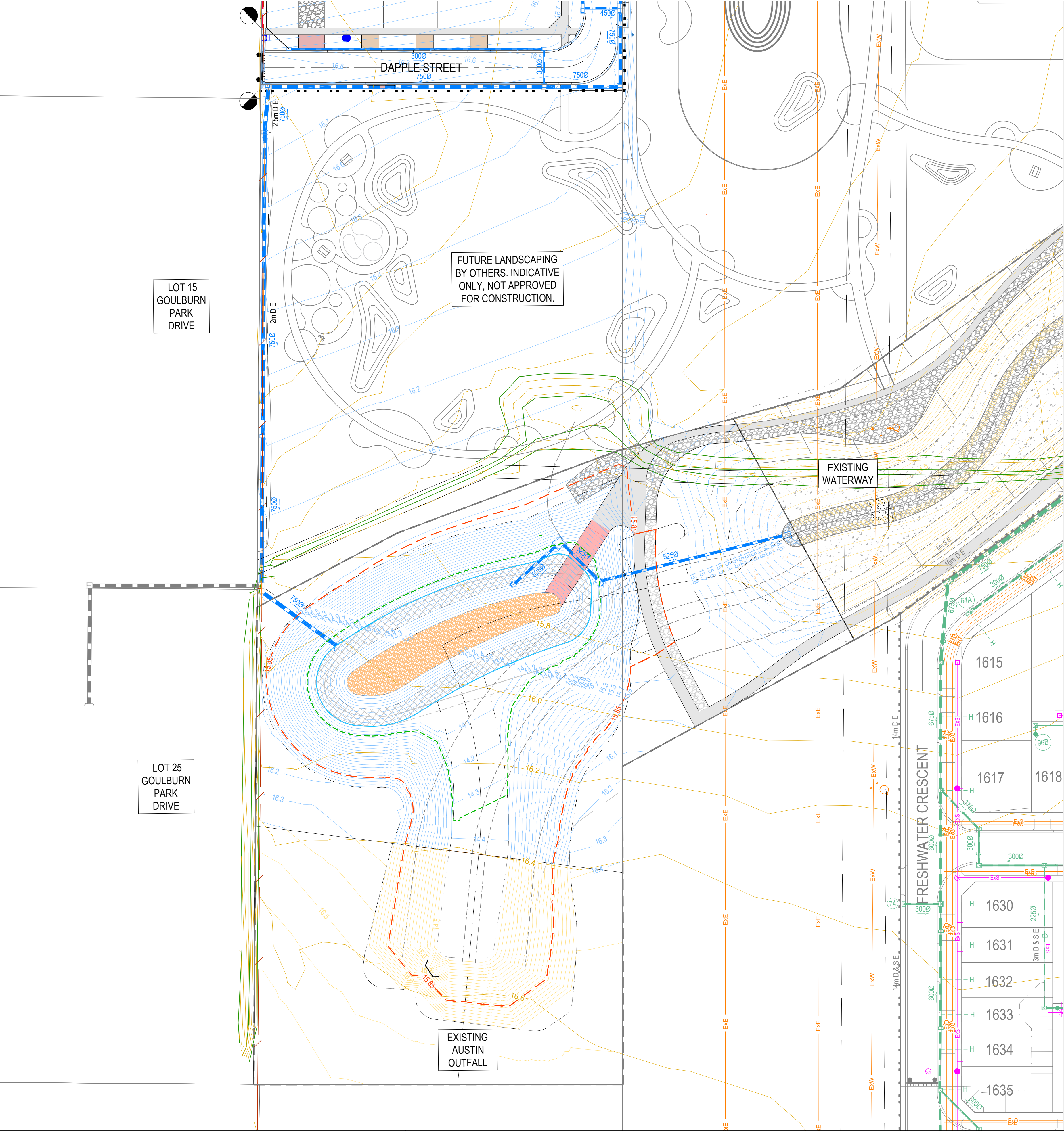
STATUS
**ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION**

SCALE @ A1 : 1:500

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N

DESIGNED I.HOGAN	PROJECT ENGINEER J.RAMSAY
DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE
PROJECT No. 180014.22	DRAWING No. R900
	REVISION A



CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

LEGEND

- STORMWATER DRAIN AND PIT
- FUTURE STORMWATER DRAIN AND PI
- SAFETY BENCH (1 IN 8 MAX, MINIMUM 2.8m WIDTH)
- CONCRETE PATH
- SEDIMENT BASIN BASE
- ACCESS TRACK / RAMP
- NORMAL WATER LEVEL (NTWL 14.00)
- EXTENDED DETENTION DEPTH (EDD 14.35)
- 1% AEP LEVEL (RL 15.85)
- 0.1m CONTOURS

NOTE:
CONTRACTOR IS TO VERIFY ALL CONNECTION LEVELS PRIOR TO COMMENCEMENT OF WORKS AND NOTIFY CREO CIVIL IF THERE ARE DIFFERENCES

WARNING
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villawood
properties

creo
CIVIL

Suite 2, 2 Bloomsbury Street
Newtown, VIC, Australia 3220

Coridale
LARA

**CORIDALE ESTATE - STAGE 22
BASIN CONTOUR PLAN**

REGISTERED ENGINEER
NAME: J. RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

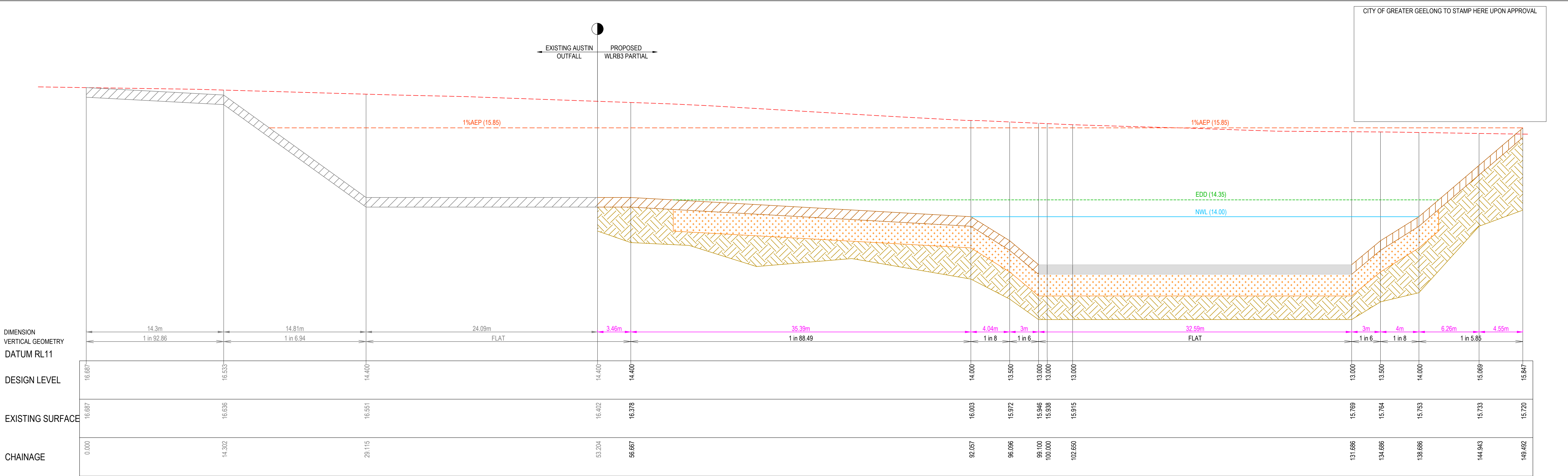
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NOT FOR CONSTRUCTION**

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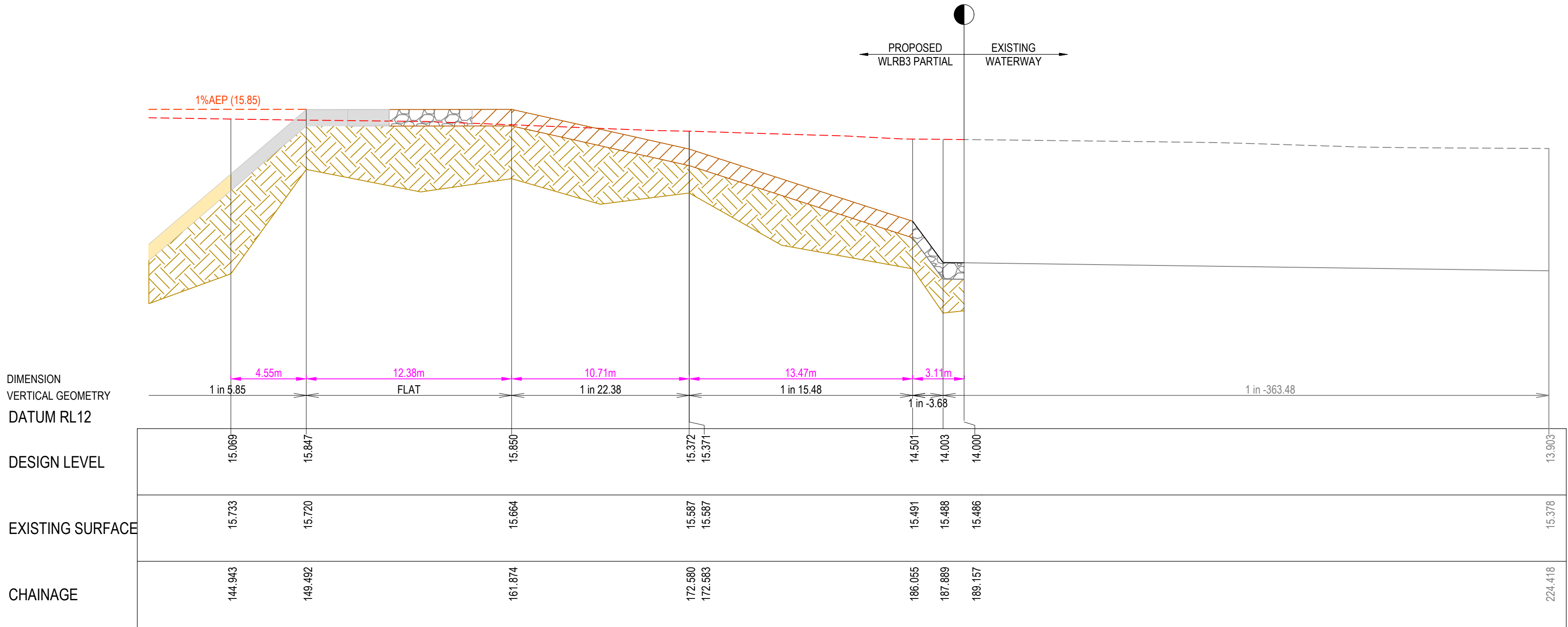
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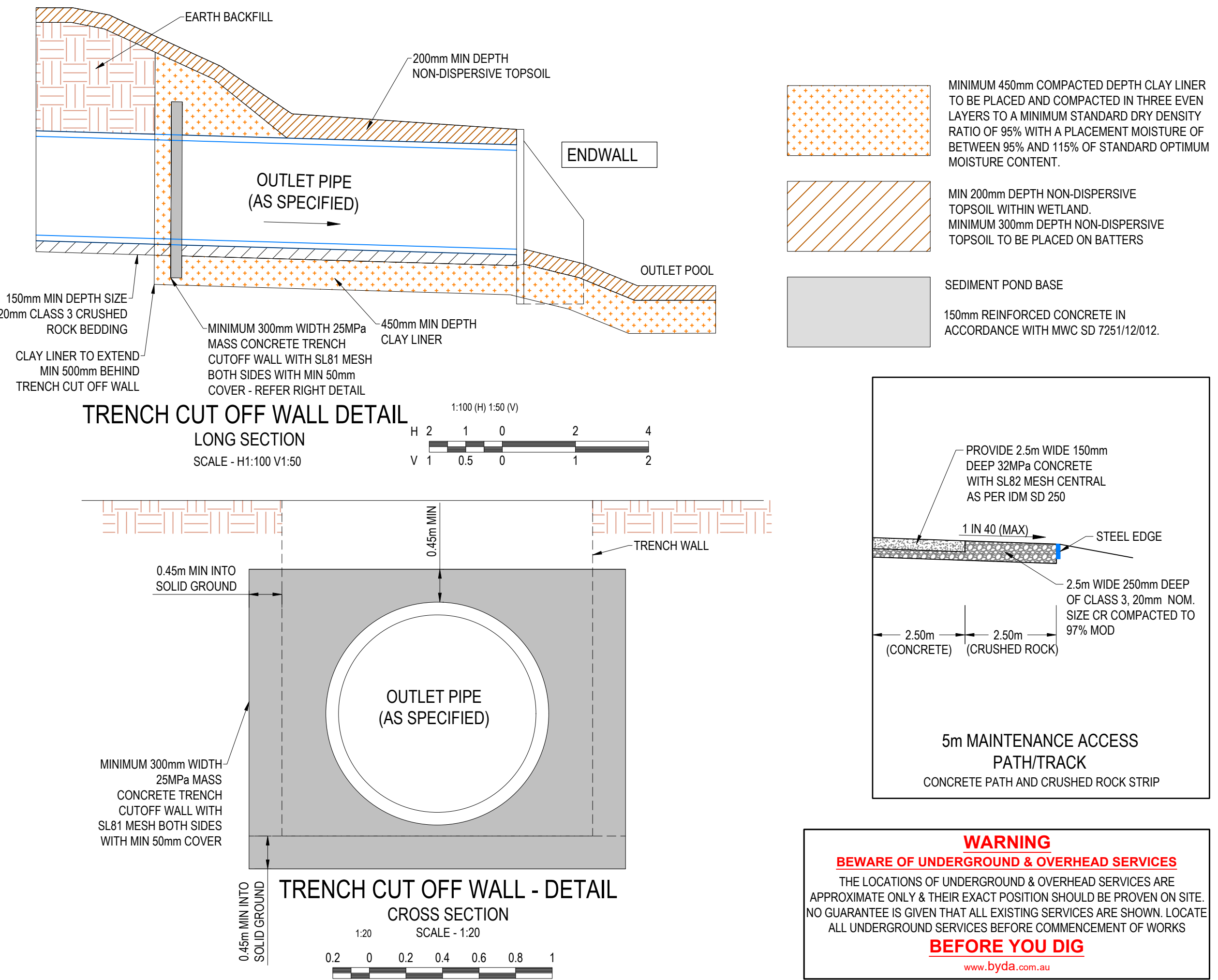
DESIGNED I.HOGAN	PROJECT ENGINEER J.RAMSAY
DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE
PROJECT No. 180014.22	DRAWING No. R901
REVISION A	

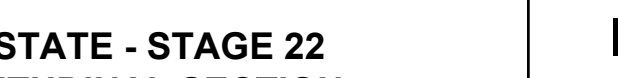


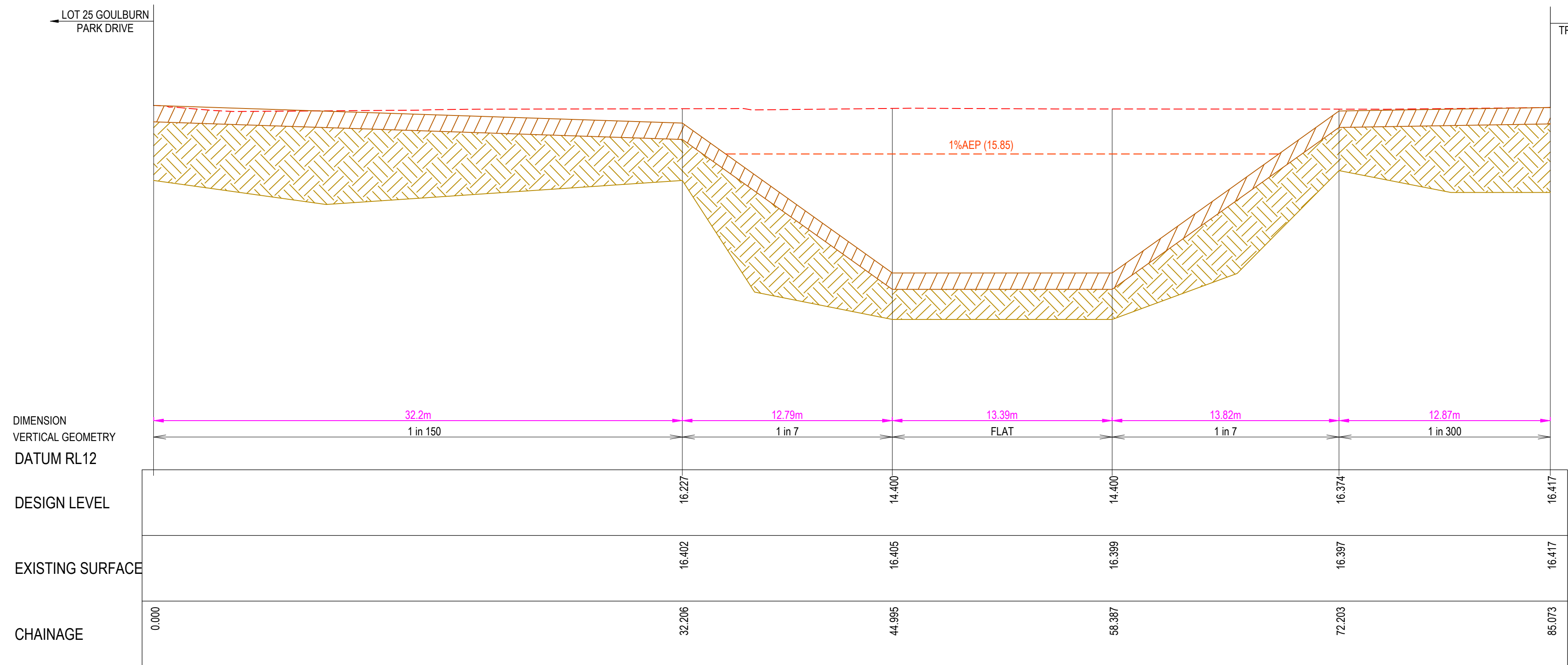
LONGITUDINAL SECTION - WLRB3 PARTIAL



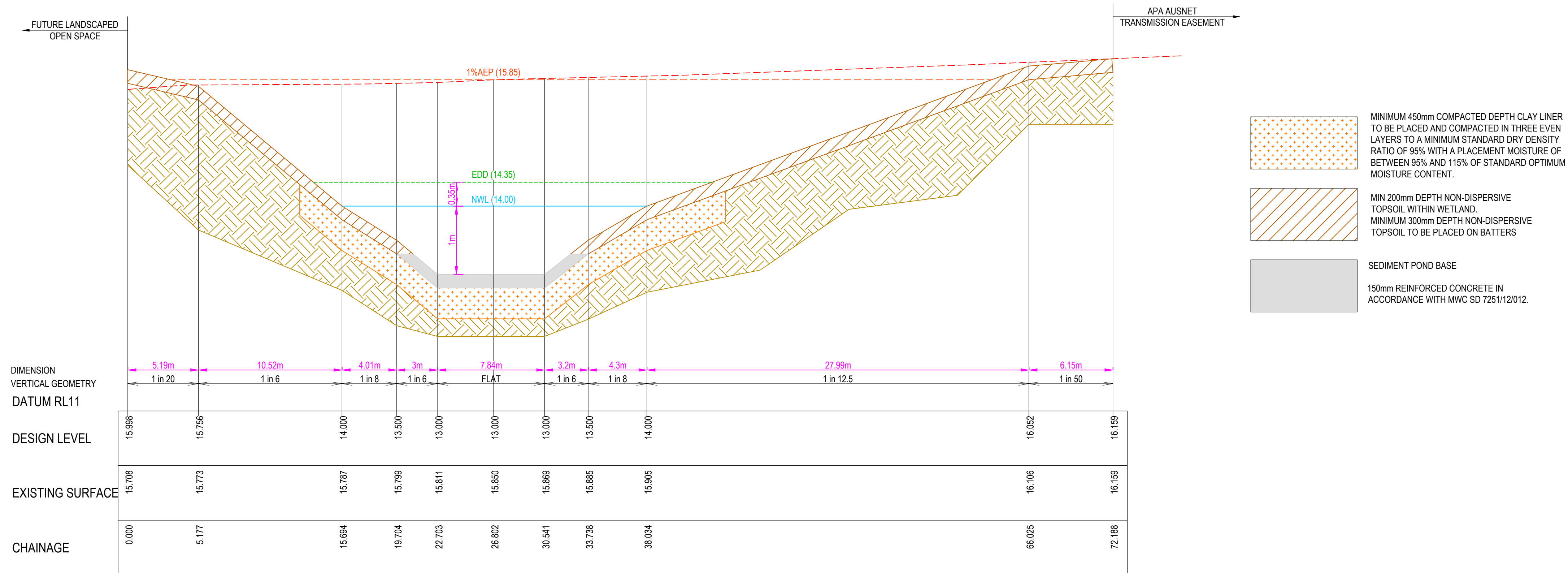
LONGITUDINAL SECTION - WLRB3 PARTIAL



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	DESIGNED	PROJECT ENGINEER
							 Suite 2, 2 Bloomsbury Street Newtown, VIC, Australia 3220		ISSUED FOR APPROVAL NOT FOR CONSTRUCTION SCALE @ A1 : 1:500 	I.HOGAN	J.RAMSAY
					I.HOGAN					M.TROUNCE	
					PROJECT No.					DRAWING No.	REVISION
					180014.22					R902	A
A	31.07.26	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE						



SECTION A - WLRB3 PARTIAL



SECTION B - WLRB3 PARTIAL

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DRAWING TITLE
**CORIDALE ESTATE - STAGE 22
BASIN SECTIONS - 1**

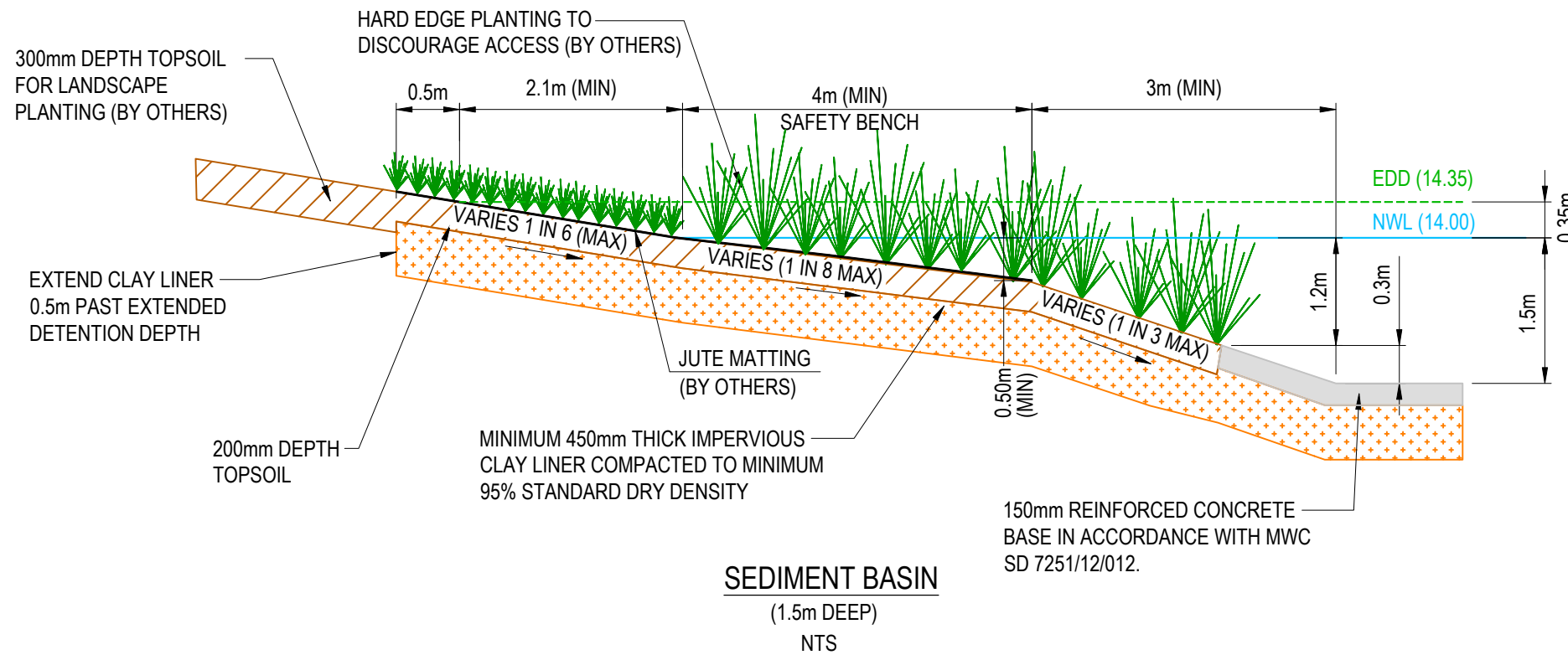
REGISTERED ENGINEER
NAME: J RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

STATUS
**ISSUED FOR APPROVAL
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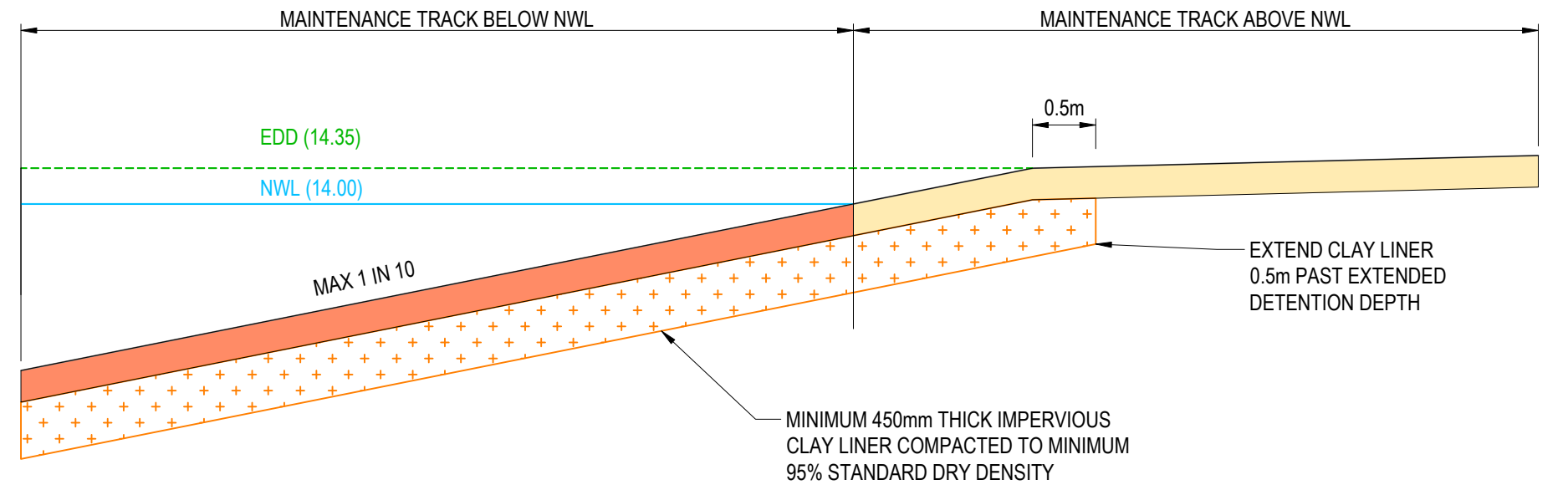
SCALE @ A1 : 1:500

DESIGNED I.HOGAN	PROJECT ENGINEER J.RAMSAY
DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE
PROJECT No. 180014.22	DRAWING No. R903
	REVISION A

TYPICAL BATTER SLOPES & MATERIAL DETAILS



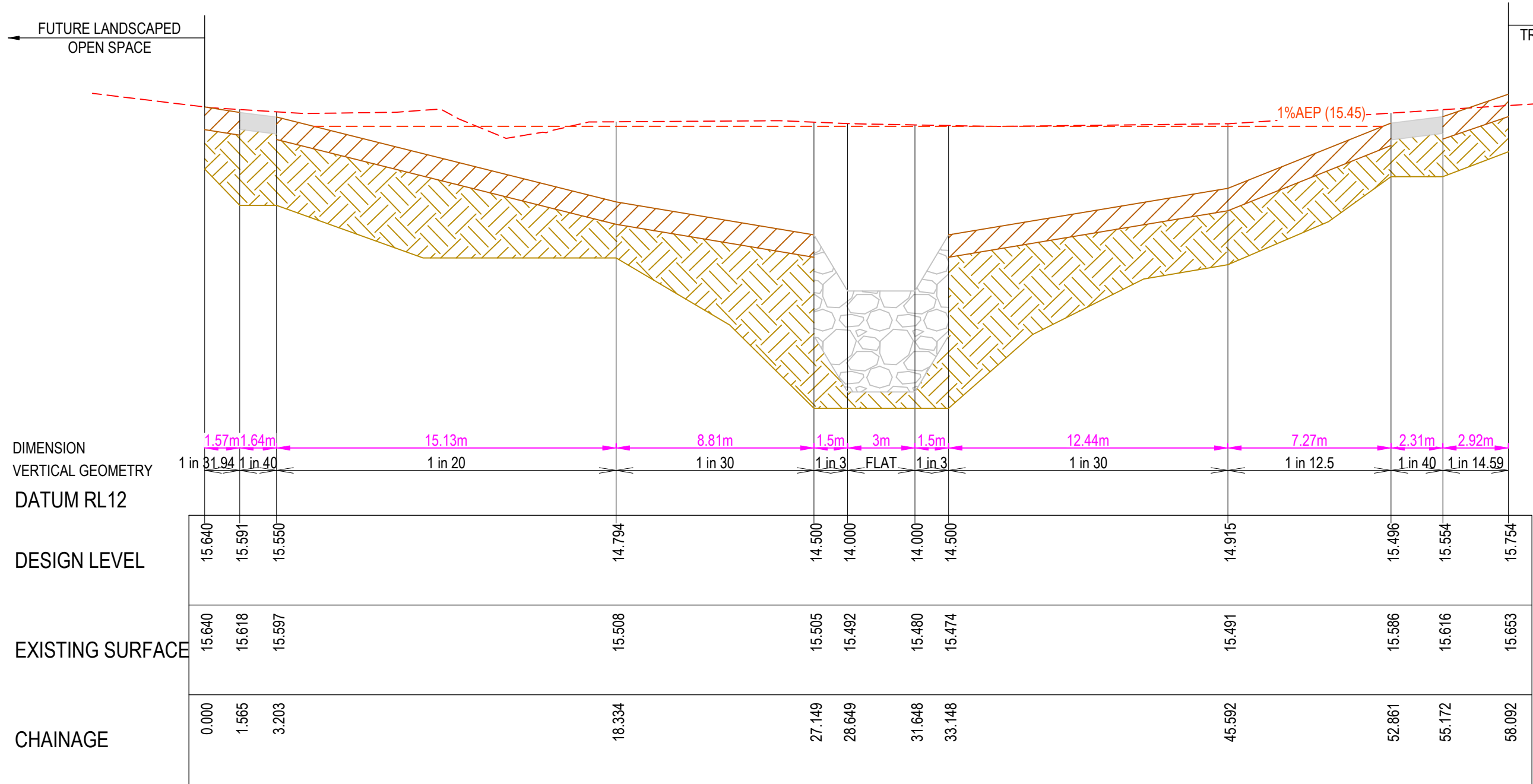
NOTE:
TOPSOIL TO BE PLACED ON ALL AREAS OF WETLAND. TOPSOIL TO BE TESTED AND PROVEN TO BE NON-DISPERSIVE BY A SUITABLE QUALIFIED GEOTECHNICAL ENGINEER.



MAINTENANCE TRACK (BELOW NTWL) IN ACCORDANCE WITH MWC SD 7251/12/013.
TOP LAYER: 100mm COMPACTED DEPTH OF 6% CEMENT STABILISED SIZE 0 - 40mm FCR
BOTTOM LAYER: 100mm COMPACTED DEPTH OF SIZE 0 - 100mm FCR

MAINTENANCE TRACK (ABOVE NTWL) IN ACCORDANCE WITH MWC SD 7251/12/013.
TOP LAYER: 100mm COMPACTED DEPTH OF SIZE 0 - 40mm FCR
BOTTOM LAYER: 100mm COMPACTED DEPTH OF SIZE 0 - 100mm FCR

MAINTENANCE TRACK / ACCESS RAMP DETAIL
NTS



SECTION C - WLRB3 PARTIAL

MINIMUM 450mm COMPACTED DEPTH CLAY LINER TO BE PLACED AND COMPACTED IN THREE EVEN LAYERS TO A MINIMUM STANDARD DRY DENSITY RATIO OF 95% WITH A PLACEMENT MOISTURE OF BETWEEN 95% AND 115% OF STANDARD OPTIMUM MOISTURE CONTENT.

MIN 200mm DEPTH NON-DISPERSIVE TOPSOIL WITHIN WETLAND.
MINIMUM 300mm DEPTH NON-DISPERSIVE TOPSOIL TO BE PLACED ON BATTERS

FOOTPATH
150mm REINFORCED CONCRETE IN ACCORDANCE WITH MWC SD 7251/12/012.

MIN. 900mm PILOT CHANNEL TO BE ROCK LINED IN ACCORDANCE WITH MELBOURNE WATER SPECIFICATION PRACTICALITIES OF ROCKWORK CONSTRUCTION. PROVIDE 1m DIA. MIN. TOE/EDGE ROCKS

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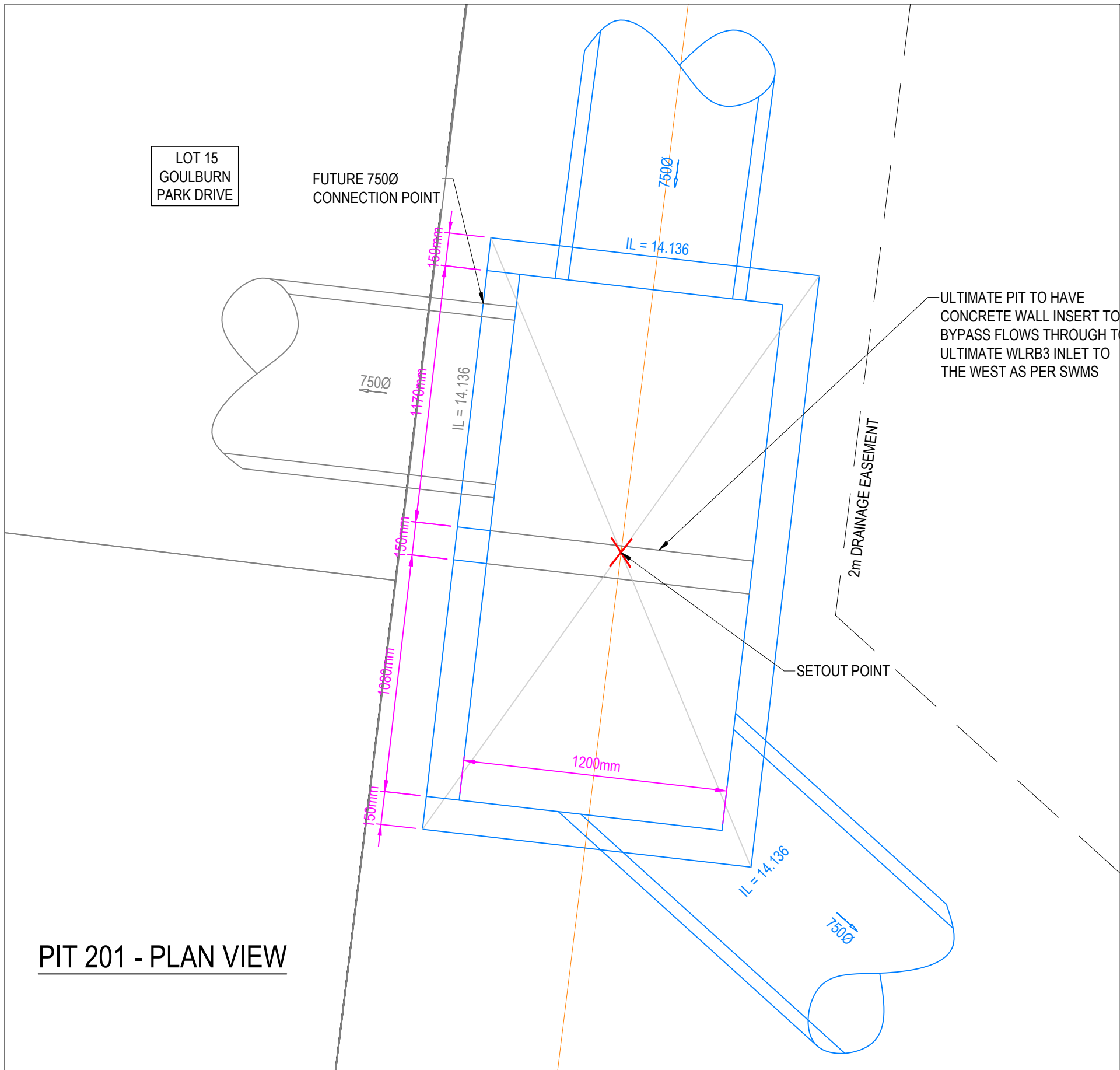
DRAWING TITLE
**CORIDALE ESTATE - STAGE 22
BASIN SECTIONS - 2**

REGISTERED ENGINEER
NAME: J.RAMSAY
PE REG. NO: PE0015596
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

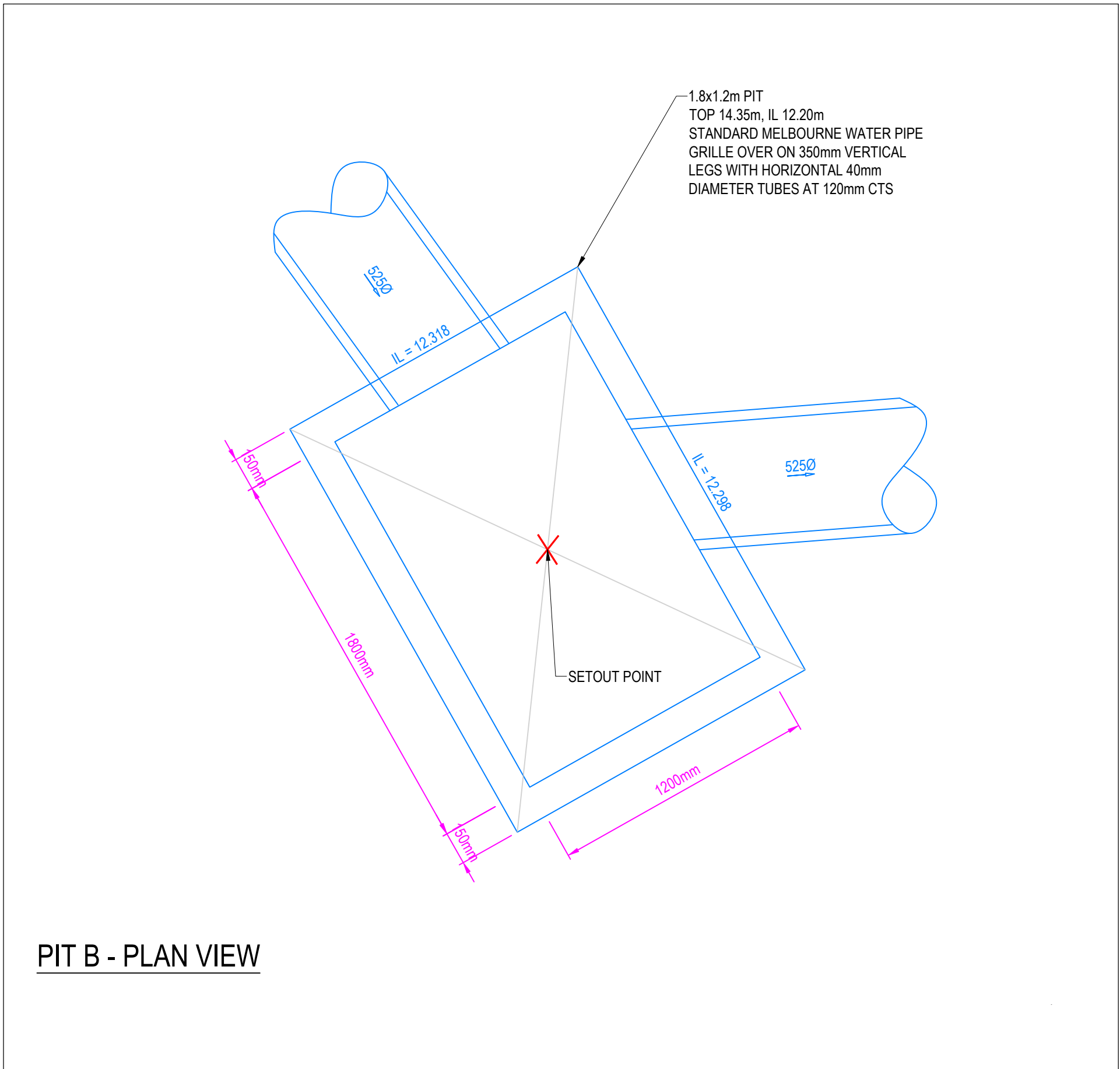
STATUS
**ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION**

SCALE @ A1 : 1:500
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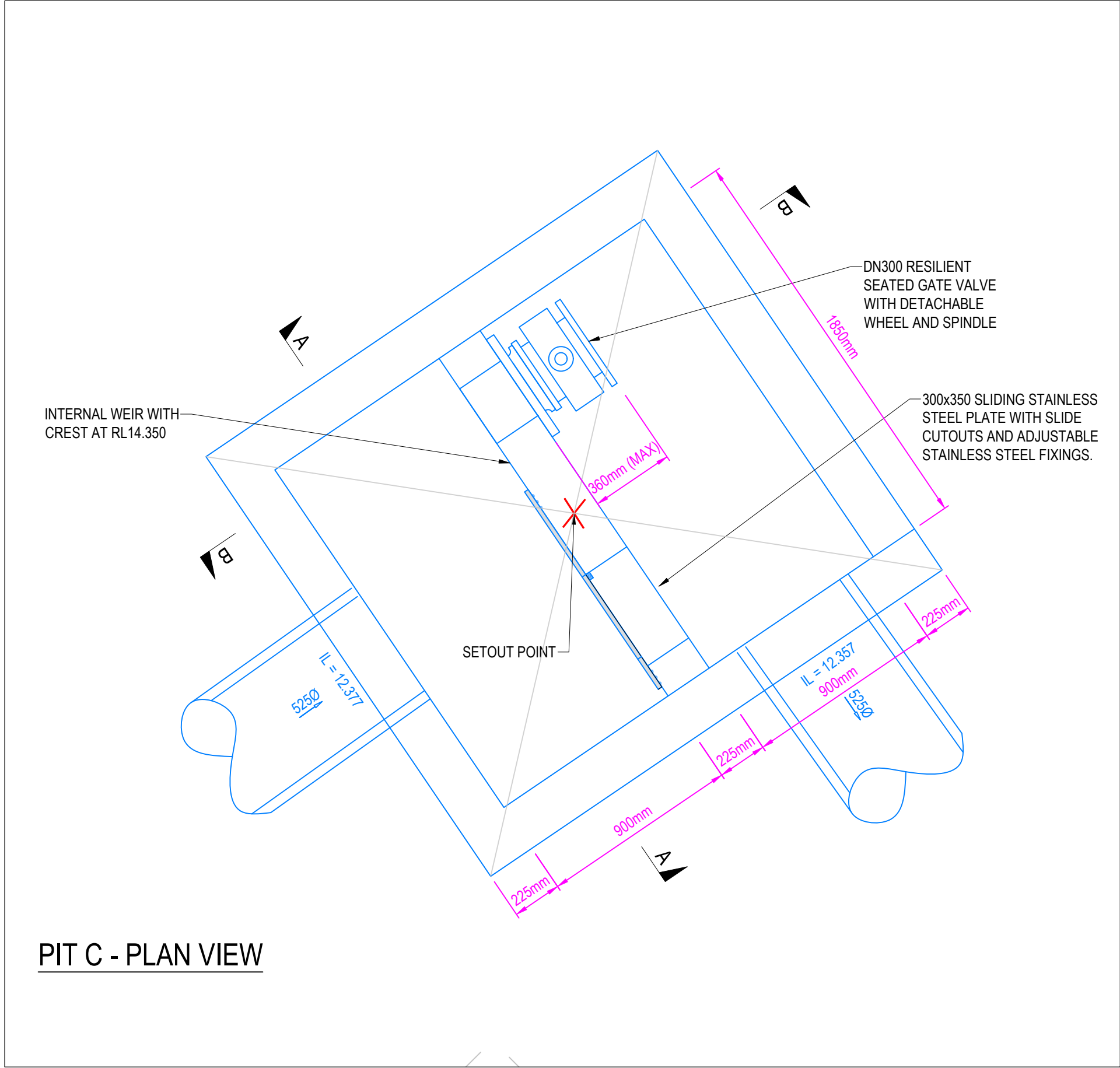
DESIGNED I.HOGAN	PROJECT ENGINEER J.RAMSAY
DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE
PROJECT No. 180014.22	DRAWING No. R904
	REVISION A



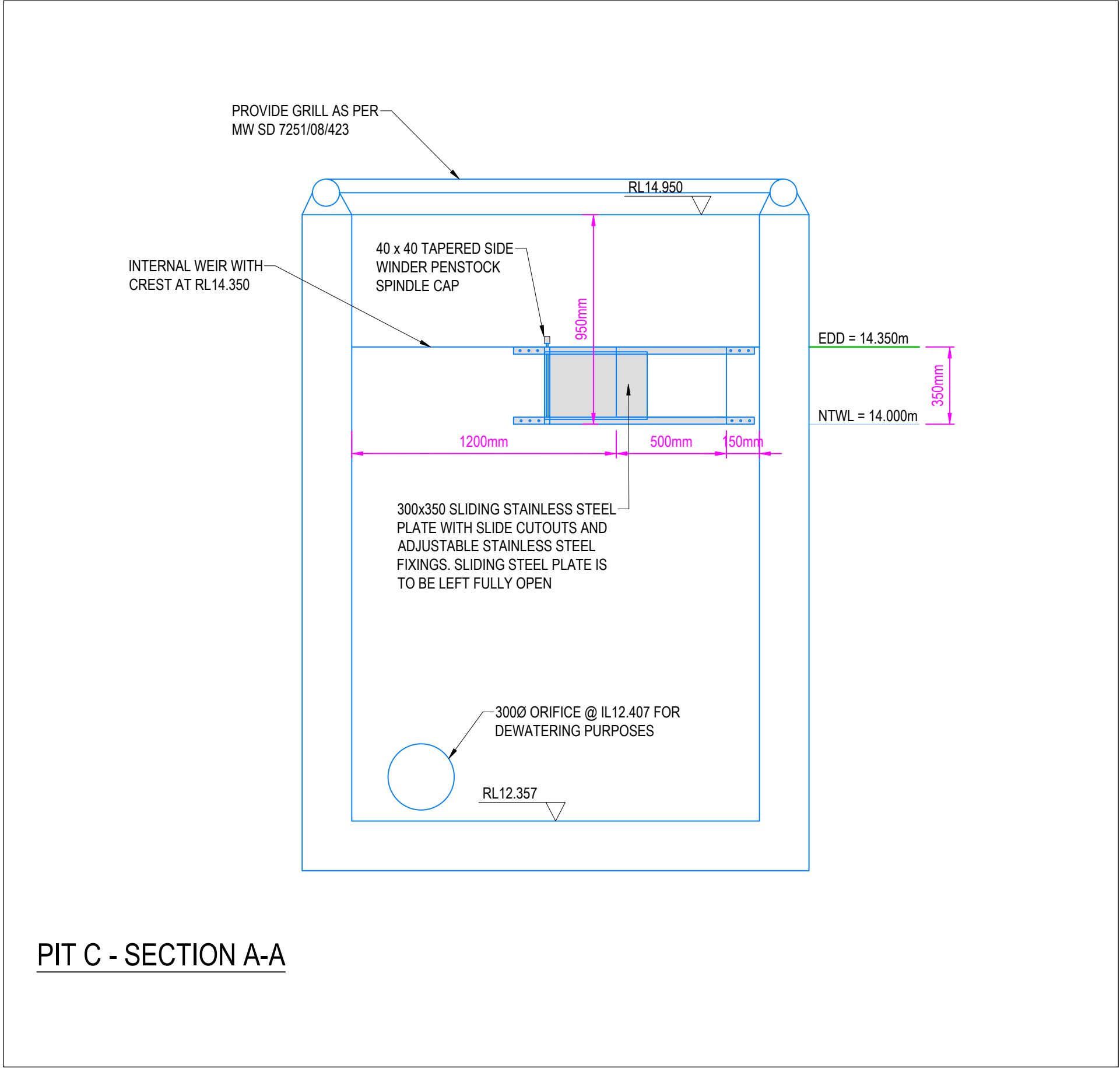
PIT 201 - PLAN VIEW



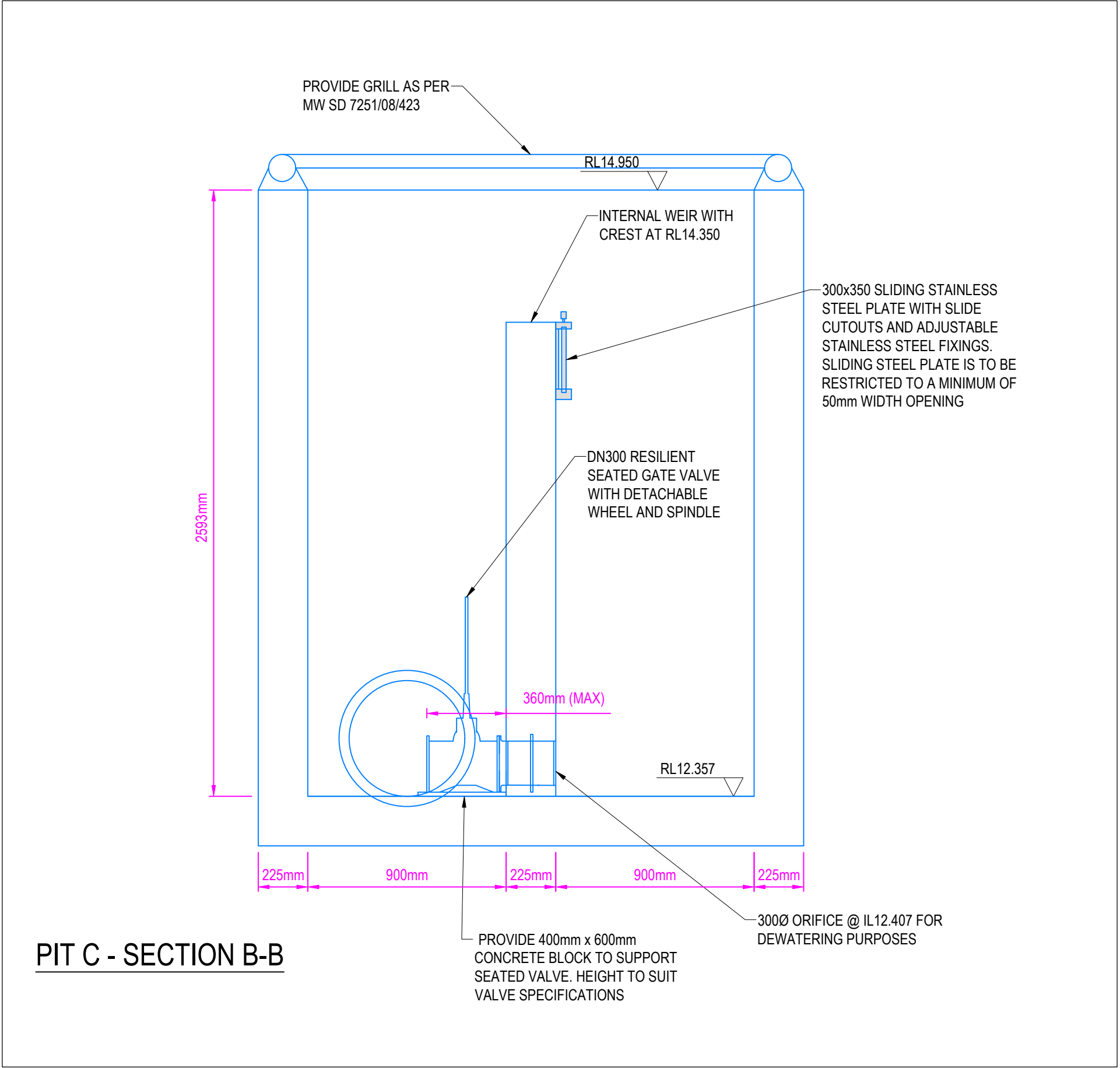
PIT B - PLAN VIEW



PIT C - PLAN VIEW



PIT C - SECTION A-A



PIT C - SECTION B-B

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Suite 2, 2 Bloomsbury Street
Newtown, VIC, Australia 3220

Coridale
LARA

CORIDALE ESTATE - STAGE 22
BASIN PIT DETAILS

REGISTERED ENGINEER
NAME: J.RAMSAY
PE REG. NO: PE0015586
LOCAL AUTHORITY: CITY OF GREATER GEELONG
PLANNING PERMIT No: PP-496-2018

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

SCALE @ A1 : 1:20
0.2 0 0.2 0.4 0.6 0.8 1

DESIGNED I.HOGAN	PROJECT ENGINEER J.RAMSAY
DRAWN I.HOGAN	PROJECT MANAGER M.TROUNCE
PROJECT No. 180014.22	DRAWING No. R905
REVISION A	