

RIVERWALK

STAGE 40

GEELONG ROAD, WERRIBEE WYNDHAM CITY COUNCIL

FOR



CIVIL DRAWINGS ROADS AND DRAINAGE

DCE REF: 10940
MELWAY REF: 205 G10

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PRELIMINARY

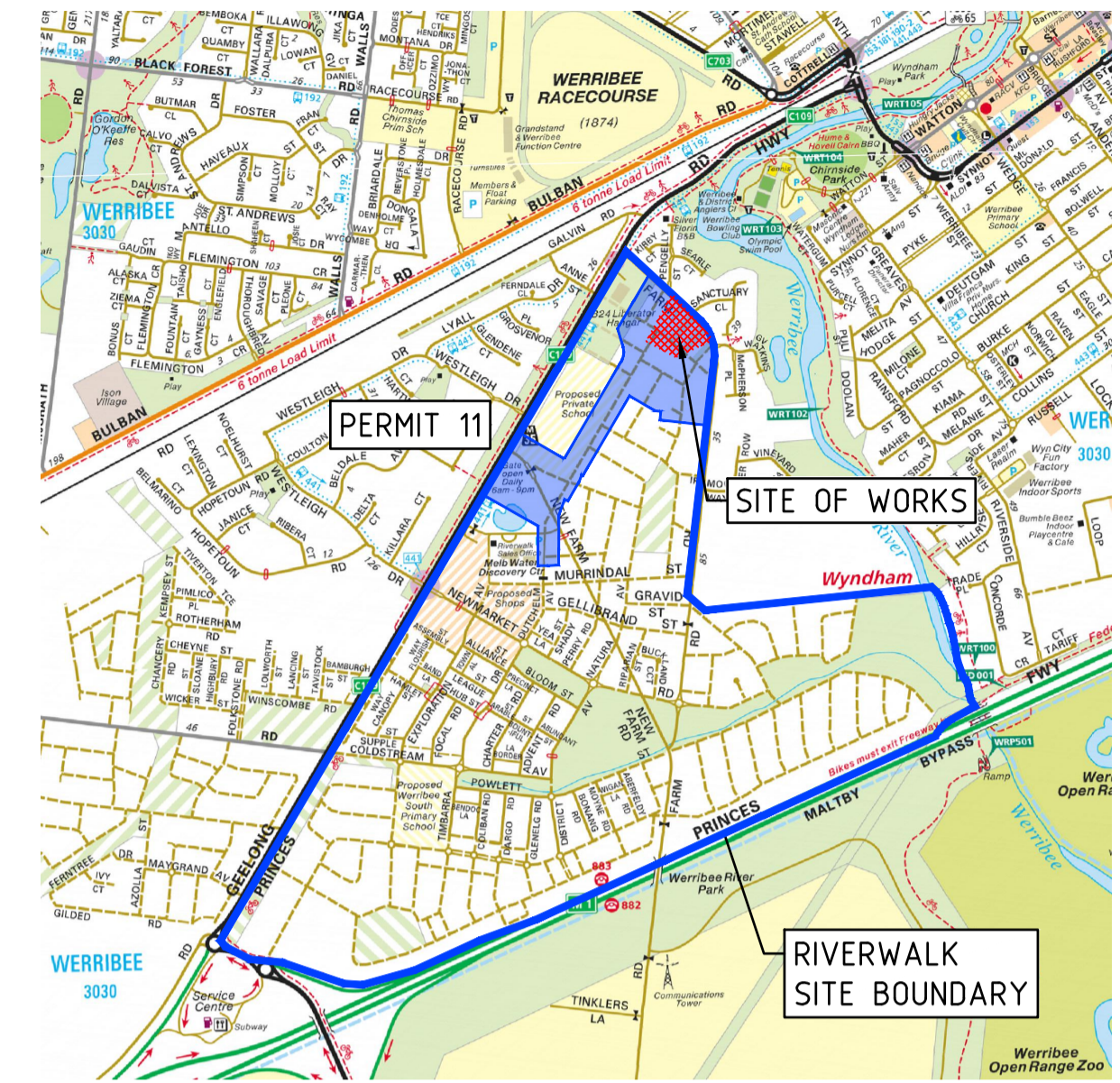
GENERAL NOTES

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) ZONE 55.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS2124.9 (AMENDED) GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED VPA (EDCM) & COUNCIL SPECIFICATION AND STANDARD DRAWINGS, AND TO THE SATISFACTION OF THE SUPERINTENDENT AND THE CITY ENGINEER OR HIS REPRESENTATIVE.
- A PRE-COMMENCEMENT MEETING WITH COUNCIL IS TO BE ARRANGED PRIOR TO COMMENCEMENT OF THE WORKS.
- ALL SERVICE AUTHORITIES SHALL BE NOTIFIED IN WRITING SEVEN DAYS PRIOR TO COMMENCEMENT OF THE WORKS.
- TBMS TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF TBMS THEREAFTER.
- ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES.
- THE CONTRACTOR SHALL ENSURE THAT WORKS WITHIN ROADWAYS ARE TO CONFORM TO THE 'CODE OF PRACTICE FOR WORKSITE SAFETY - TRAFFIC MANAGEMENT (2010)' UNDER THE ROAD MANAGEMENT ACT 2004 AND THE ROAD SAFETY ACT 1986. THE CONTRACTOR SHALL ALSO ENSURE THAT WORKS ARE TO THE APPROVAL OF THE COORDINATING ROAD AUTHORITY UNDER THE ROAD MANAGEMENT ACT 2004.
- PREPARATION OF THE TRAFFIC MANAGEMENT PLAN AND ITS IMPLEMENTATION UNDER A TRAFFIC GUIDANCE SCHEME SHALL ONLY BE UNDERTAKEN BY A CONTRACTOR OR SUBCONTRACTOR SUITABLY PREQUALIFIED WITH VICROADS. THE CONTRACTOR IS RESPONSIBLE FOR GAINING APPROVAL OF THE TRAFFIC MANAGEMENT PLAN FROM VICROADS/COUNCIL AT LEAST 7 DAYS PRIOR TO WORKS COMMENCING OR EARLIER IF REQUIRED. THE TRAFFIC MANAGEMENT PLAN AND TRAFFIC GUIDANCE SCHEME (INCLUDING ANY ACCESS REQUIREMENTS) SHALL BE APPROVED BY THE COORDINATING ROAD AUTHORITY APPROPRIATE TO THE PROJECT IN ACCORDANCE WITH SECTION 36 OF THE ROAD MANAGEMENT ACT 2004.
- THE CONTRACTOR IS REQUIRED TO CONFINE CONSTRUCTION VEHICLES TO THE ROAD RESERVE AND EASEMENTS. ANY DAMAGE CAUSED TO ALLOTMENTS MUST BE MADE GOOD.
- ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.
- FILL AREAS IN EXCESS OF 300mm ARE TO BE STRIPPED OF TOPSOIL, FILLED, AND TOPSOIL REPLACED TO OBTAIN THE FINAL FILL LEVELS SHOWN ON THE DRAWINGS. ALL FILLING MUST ENSURE LEVEL 1 GEOTECHNICAL SUPERVISION IS MAINTAINED AS PER CLAUSE 8.2 OF AS3798 "GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS". STRUCTURAL FILLING MATERIAL IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCIL PRIOR TO PLACEMENT.
- NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE OR COMMON PROPERTY UNLESS OTHERWISE DIRECTED BY THE ENGINEER. NO TOPSOIL IS TO BE REMOVED FROM SITE. SURPLUS SOIL MUST BE MADE AVAILABLE FOR LOTS AND RESERVES.
- WHERE PAVEMENT IS CONSTRUCTED ON FILLING, FILL MATERIAL IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCIL AND CONSTRUCTED IN LAYERS 150MM THICK WITH COMPACTION IN ACCORDANCE WITH AS3798. PRIOR TO THE PLACEMENT OF THE FILL MATERIAL UNDER NEW PAVEMENTS, APPROVAL OF THE MATERIAL TO BE USED MUST BE OBTAINED FROM COUNCIL.
- WHEN PAVEMENT EXCAVATION IS IN ROCK ALL LOOSE MATERIAL (INCLUDING ROCKS AND CLAY) MUST BE REMOVED. THE SUB-GRADE MUST THEN BE REGULATED WITH COUNCIL APPROVED MATERIAL.
- AT LEAST 3 DAYS BEFORE COMMENCING EXCAVATION OF TRENCHES IN EXCESS OF 1.5m DEPTH, A COMPLETED "NOTICE OF INTENTION TO COMMENCE TRENCHING OPERATIONS" FORM SHALL BE SENT TO WORKSAFE VICTORIA. THE NOMINATED SUPERVISOR SHALL BE SUITABLY QUALIFIED IN ACCORDANCE WITH VICTORIAN OHS ACT 1985 & COMMONWEALTH OHS CODE OF PRACTICE 2008.
- NO BLASTING TO BE PERMITTED.
- ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN. IF ROAD AND DRAINAGE CONSTRUCTION NECESSITATES THEIR REMOVAL, WRITTEN PERMISSION MUST BE OBTAINED FROM THE ENGINEER.
- ALL DISTURBED SURFACES SHOULD BE OVER EXCAVATED BY 150mm, TOP SOILED WITH MINIMUM 150mm OF LOCAL TOP SOIL AND BITUMEN STRAW HYDROSEDED.
- ALL TOPSOIL TO BE 100mm (MIN) DEPTH, BE FREE OF CLAY, STONES, LOGS, WEED AND OTHER PERISHABLE MATERIAL WHICH IS NOT SUITABLE FOR PLANTING OF LAWNS IN ACCORDANCE WITH VPA AND WCC GUIDELINES.
- ALL BLOCKS ARE TO SURFACE GRADE WITH A MINIMUM FALL OF 1 IN 150 ALONG THE LOW SIDE BOUNDARY TO THE POINT OF DISCHARGE.
- ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
- ALL CHAINAGES REFER TO ROAD RESERVE CENTRELINES EXCEPT:
 - IN COURT HEADS WHERE CHAINAGES REFER TO LIP OF KERB
 - KERB RETURNS WHERE CHAINAGES REFER TO LIP OF KERB.
- GENERALLY 600B2 KERB AND CHANNEL IS TO BE USED THROUGHOUT THE SUBDIVISION. WHERE OTHER KERB TYPES ARE REQUIRED THEY ARE SPECIFICALLY SHOWN ON THE DRAWINGS. ALL KERB PROFILES IN ACCORDANCE WITH EDM 301.
- LIP OF ALL KERB RADII ARE 8.60m UNLESS OTHERWISE SHOWN.
- FOOTPATHS TO BE OFFSET 50mm FROM THE TITLE BOUNDARIES.
- ALL FOOTPATHS TO BE IN ACCORDANCE WITH EDM STANDARD DRAWING 401, 402 AND 403.
- VEHICULAR CROSSINGS OF THE TYPE INDICATED ARE TO BE OFFSET FROM THE LOT BOUNDARY OR EASEMENT IN ACCORDANCE WITH EDM 501, 502 OR 503. UNLESS OTHERWISE SHOWN.

- PROVIDE LAYBACKS IN KERB TO ALL PRAM CROSSINGS IN ACCORDANCE WITH EDM 403. ASPHALT FILLETS/RAMPS ARE TO BE PROVIDED ON THE BASE COURSE ASPHALT TO REMOVE TRIPS AT ALL PEDESTRIAN CROSSING LOCATIONS.
- 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. STREET SIGNS ARE REQUIRED TO SHOW STREET NUMBERS APPLICABLE TO EACH BLOCK. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.
- THE LOCATION OF EXISTING SERVICES SHOWN ON THESE PLANS SHALL BE PROVEN ON SITE. THE APPROPRIATE AUTHORITY SHALL BE CONTACTED AND THE SERVICES LOCATED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL EASEMENTS ARE 2.5m OR 3.0m WIDE DRAINAGE AND SEWERAGE EASEMENTS UNLESS OTHERWISE SHOWN.
- CENTRELINES OF ALL SEWERS WITHIN EASEMENTS ARE OFFSET FROM THE PROPERTY LINE IN ACCORDANCE WITH CURRENT MRWA VERSION WSA 02.2014, UNLESS OTHERWISE SHOWN.
- CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 1.0m OR 2.2m FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN.
- ALL STORMWATER DRAINS ARE TO BE CLASS '2' RC OR FRC PIPES UNLESS OTHERWISE SHOWN. ALL RC PIPES UP TO AND INCLUDING 750mm DIA. ARE TO BE RUBBER RING JOINTED, INTERLOCKING / FLUSH JOINTS WITH EXTERNAL BANDS CAN BE USED ON PIPES OVER 750mm DIA.
- WHERE CURVED PIPES ARE SHOWN ON THE FACE PLANS THEY ARE TO BE LAID PARALLEL TO THE BACK OF KERB, EXCEPT WHERE A RADIUS HAS BEEN SPECIFICALLY NOMINATED. ALL DRAINS BEHIND KERBS ARE TO BE LAID AT THE OFFSET SPECIFIED IN THE COUNCIL SPECIFICATION. CURVED PIPES OF DIAMETER LESS THAN 600mm ON LARGE RADIUS CURVES ARE APPROVED BY COUNCIL SUBJECT TO COMPLIANCE WITH MANUFACTURER'S SPECIFICATION.
- ALL PIPE AND SERVICE TRENCHES THAT EXTEND UNDER ROADWAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND PARKING BAYS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
- A.G. DRAIN TO BE LAID UNDER ALL KERB & CHANNEL AT THE DEEPER OF 750mm BELOW KERB OR TO THE BOTTOM OF THE SUBBASE LAYER, IN ACCORDANCE WITH EDM STANDARD DRAWING 202 AND GEOTECHNICAL REPORT G418.AB DATE 29/08/17 PROVIDED BY GROUND SCIENCE.
- PROPERTY INLETS ARE TO BE PLACED 1.0m FROM LOW CORNERS OF ALLOTMENTS UNLESS OTHERWISE SHOWN. ALL INLETS TO BE IN ACCORDANCE WITH EDM 701, 702, 703 AND 704.
- 100mm DIA. HOUSE DRAINS IN STREETS TO BE PLACED 6.0m FROM LOW CORNERS UNLESS OTHERWISE SHOWN.
- POSITION CONDUITS SO THAT A MINIMUM DISTANCE BETWEEN TAPPINGS IS 1.0m. CONDUITS NOT TO BE LOCATED WITHIN 4.0m OF ALLOTMENT BOUNDARY, UNLESS OTHERWISE SHOWN.
- WATER TAPPINGS FOR LOTS SITUATED ON THE SAME SIDE AS THE WATERMAIN ARE TO BE LOCATED AT THE CENTRE OF THE LOT UNLESS OTHERWISE SHOWN. THE KERB IS TO BE MARKED "W" WITH AN ARROW POINTING TO THE TAPPING.
- GAS TO BE 50mm DIA. CLASS 12 P.V.C. & WATER CONDUITS TO BE 100 DIA. CLASS 12 P.V.C. SINGLE CONDUIT CONTAINING BOTH DW & NDW SERVICES LAID IN ACCORDANCE WITH WSA 03-2002 DUAL WATER SUPPLY SYSTEM STANDARD DRAWING WAT-1806-V
- ELECTRICITY CONDUITS ARE TO BE LAID IN ACCORDANCE WITH AUTHORITY REQUIREMENTS.
- SP AUSNET (GAS)
- GAS MAINS, FITTINGS AND MARKER TAPE ARE TO BE SUPPLIED BY TXU (GAS).
- EXCAVATION, SUPPLY AND PLACEMENT OF REQUIRED BACKFILL TO BE BY OTHERS.
- TWO WEEKS OF NOTIFICATION OF COMMENCEMENT OF EXCAVATION WORKS SHALL BE GIVEN TO THE DISTRICT CENTRE.
- THE CONTRACTOR SHOULD QUOTE PROJECT NO. 74267234 TO ENABLE MAIN LAYING TO BE COORDINATED WITH OTHER SERVICES.

REINFORCED CONCRETE PIPE

- ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE CONTRACTORS ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS.3725-2007, LOADS ON BURIED PIPES.
- CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPLACED & RELAI AT CONTRACTOR'S COST.
- ALL PIPES TO BE CLASS '2' R.C. OR F.R.C RUBBER RING JOINT UNLESS NOTED OTHERWISE. PIPES GREATER THAN 750mm DIA MAY BE FLUSH JOINTED WITH EXTERNAL BANDS.



LOCALITY PLAN
MELWAYS: 205 G10
SCALE @ A1: 1:20,000

DRAWING INDEX

SHEET No.	DRAWING No.	DESCRIPTION
01	10940TD01	NOTES, LOCALITY PLAN AND DRAWING INDEX
02	10940TD02	TYPICAL DETAILS AND PAVEMENT DETAILS
03	10940TD03	TYPICAL SECTIONS
04	10940SP01	STAGING PLAN
05-06	10940DP01-02	DETAIL PLAN, SHEETS 01 TO 02
07-11	10940ID01-05	INTERSECTION DETAILS, SHEETS 01 TO 05
12	10940LM01	SIGNAGE AND LINEMARKING PLAN
13-16	10940LS01-04	ROAD LONGITUDINAL SECTIONS, SHEETS 01 TO 04
17-18	10940FD01-02	FOOTPATH DETAILS. SHEETS 02 TO 02
19	10940LD01	LANEWAY CONCRETE PAVEMENT DETAILS
20-29	10940XS01-10	CROSS SECTIONS, SHEETS 01 TO 10
30-32	10940DR01-03	DRAINAGE LONGITUDINAL SECTIONS, SHEETS 01 TO 03
33	10940PIT01	PIT SCHEDULE
34-35	10940FP01-02	FILL PLAN, SHEETS 01 TO 02
36	10940CON01	RESERVE CONTOUR AND TREE PLAN
37-38	10940EW01-02	EARTHWORKS PLAN, SHEETS 01 TO 02
39-40	10940EF01-02	EXISTING FEATURES PLAN, SHEETS 01 TO 02

CAUTION!
ALL EXISTING SERVICES IN THE VICINITY OF WORKS SHALL BE PROTECTED AND KEPT IN FUNCTIONAL STATE AT ALL TIMES DURING WORKS.

BEWARE!
NBN OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 1800 687 626.

BEWARE!
TELSTRA OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 9253 8263.

BEWARE!
TELSTRA MAJOR CABLES ARE IN THE VICINITY OF WORKS.

BEWARE!
DEVELOPMENT VICTORIA FTTH OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 03 9311 4575.

WARNING!
NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.

DANGER!
OVERHEAD ELECTRICITY TRANSMISSION LINES. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN OPERATING IN THE VICINITY OF THESE LINES. THE CONTRACTOR MUST ADHERE TO ALL "NO GO ZONE" REQUIREMENTS OF THE POWER AUTHORITY.

WARNING!
THE LOCATION OF EXISTING SERVICES SHOWN ON THESE PLANS MUST BE PROVEN ON SITE, THE APPROPRIATE AUTHORITY MUST BE CONTACTED AND THE SERVICES LOCATED PRIOR TO COMMENCEMENT OF ANY WORKS.

WARNING!
BEWARE OF ASBESTOS!
SOME UNDERGROUND SERVICES MAY BE CONSTRUCTED FROM ASBESTOS CONTAINING MATERIAL. CONTACT THE SUPERINTENDENT FOR INSTRUCTIONS ON HOW TO MANAGE ANY POTENTIAL ASBESTOS HAZARD.

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Drawn	R.GUTIERREZ
Date	14/09/22
AN	3401095
Designed	P.NICHOLSON
Date	13/09/22
AN	3791018
Checked	S.RAJKOVIC
Date	21/09/22
AN	2951057
Approved	
Date	14/09/22
AN	PN/NR
AN	TL

REV	DESCRIPTION	DATE	AMEND	APP'D
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL



RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
NOTES, LOCALITY PLAN
AND DRAWING INDEX
Drawing No. 10940TD01
Sheet No. 01 of 40



PRELIMINARY

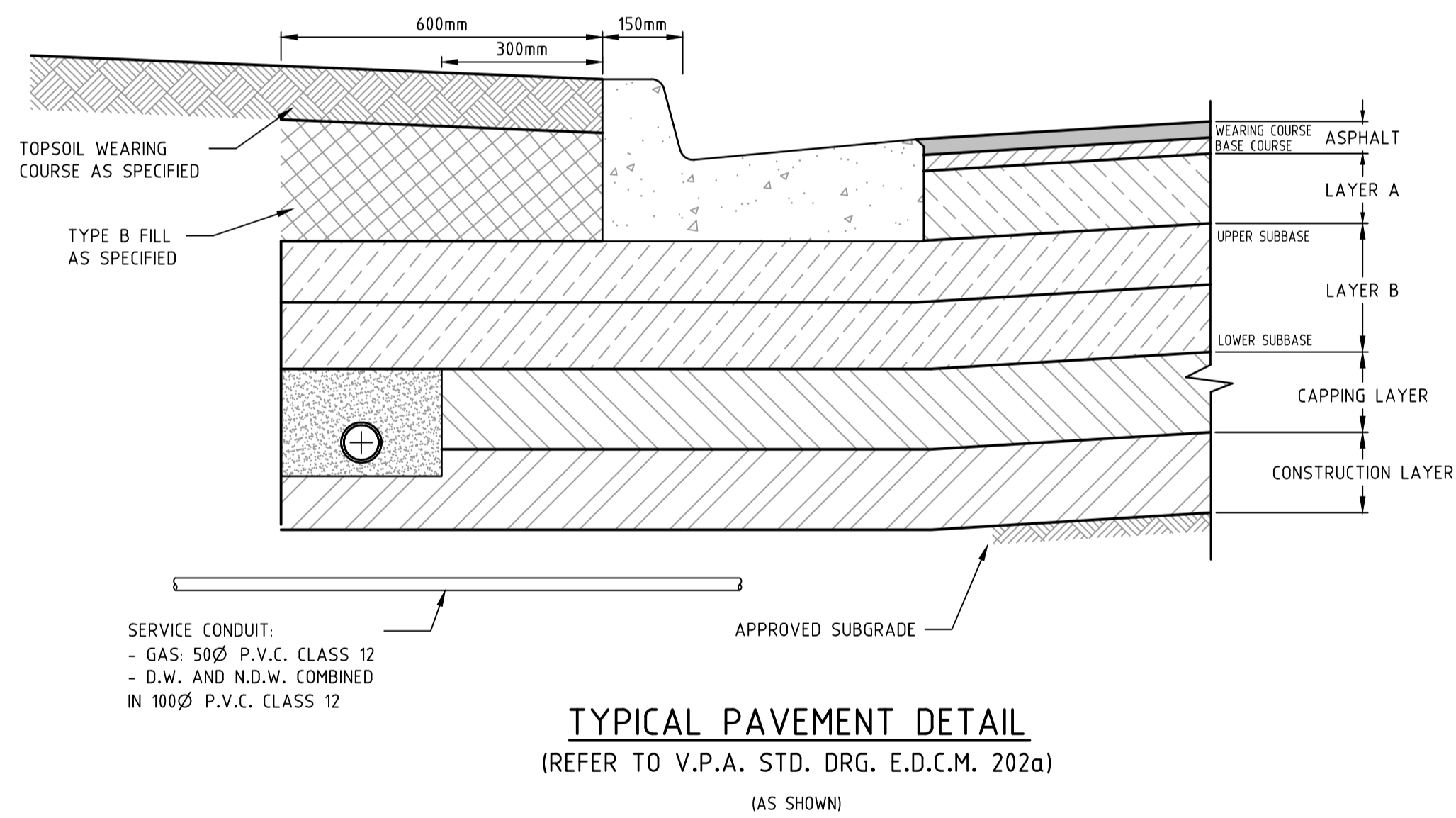
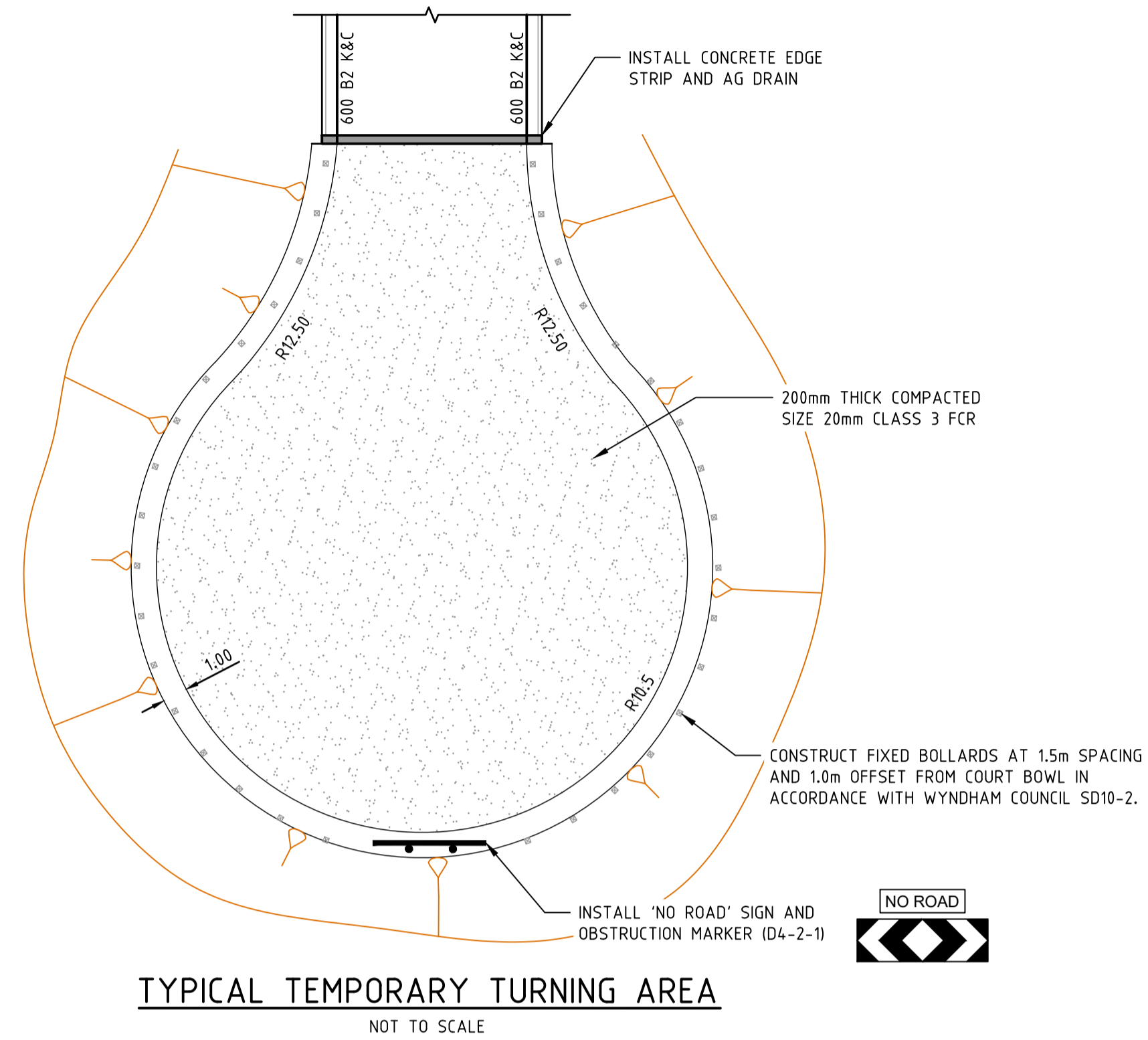
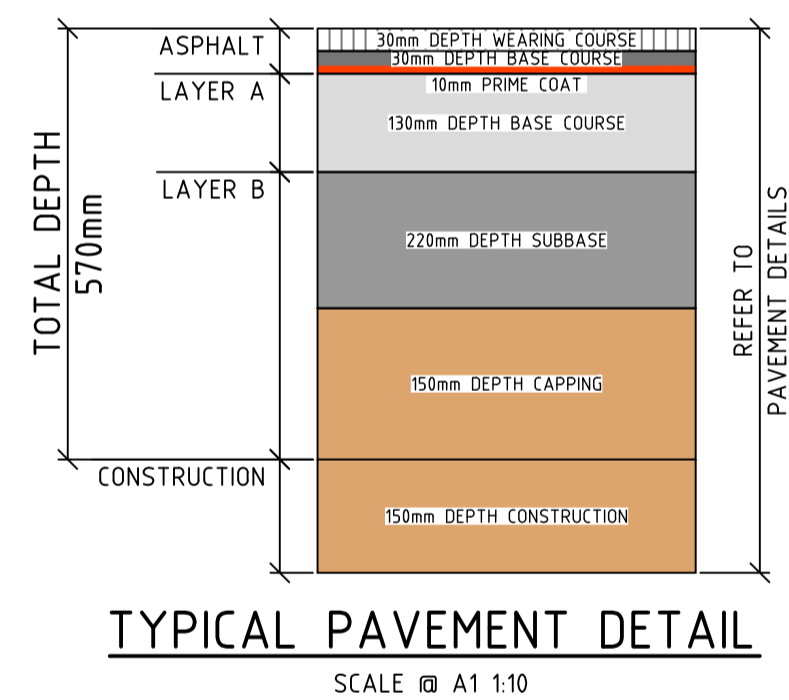
Rev D

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

PAVEMENT DETAILS

ACCESS STREET 1	
GRAMPIANS AVENUE, KAILASH ROAD, SORTIE STREET HANGER STREET, BATCHELOR STREET	
ASPHALT	WEARING COURSE 30mm SIZE 10mm TYPE N (C320 BINDER) BASE 30mm SIZE 10mm TYPE N (C320 BINDER) PRIMER SEAL AND SAMI 10mm (S 18RF)
LAYER A	BASE 130mm VICROADS CLASS 2 FCR (20mm) COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (MODIFIED) AS1289; 5.2.1
LAYER B	UPPER SUBBASE 120mm VICROADS CLASS 3 FCR (20mm) COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (MODIFIED) AS1289; 5.2.1 LOWER SUBBASE 100mm VICROADS CLASS 4 FCR (20mm) COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (MODIFIED) AS1289; 5.2.1 CAPPING 150mm THICK VICROADS TYPE A CAPPING LAYER AS PER GROUND SCIENCE 4787.1 AA TABLE 4. CAPPING MATERIAL WITH CBR ≥ 8.0% MIN, SWELL ≤ 1.5% AND PERMEABILITY ≤ 5x10 ⁻⁹ m/sec. COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (STANDARD AS1289; 5.1.1)
DEPTH TOTAL	570mm min.
CONSTRUCTION LAYER	CONSTRUCTION LAYER 150mm THICK VICROADS TYPE A CAPPING LAYER AS PER GROUND SCIENCE 4787.1 AA TABLE 4. CBR ≥ 8%, SWELL ≤ 1.5%, PERMEABILITY K ≤ 5x10 ⁻⁹ %, COMPACTED TO A MINIMUM DRY DENSITY RATIO OF 98% (STANDARD AS1289; 5.1.1) ±3% of OMC
SUBGRADE	SUBGRADE UNIT 4 OR 5 NATURAL SOIL OR CLAY CONTROLLED FILL (CBR ≥ 2.0%)

NOTE:
- REFER GROUND SCIENCE G4797.1 AA DATED: 10/08/2022
- CONTRACTOR TO ENSURE NEAT TRANSITION BETWEEN ADJOINING PAVEMENTS FROM PREVIOUS STAGES



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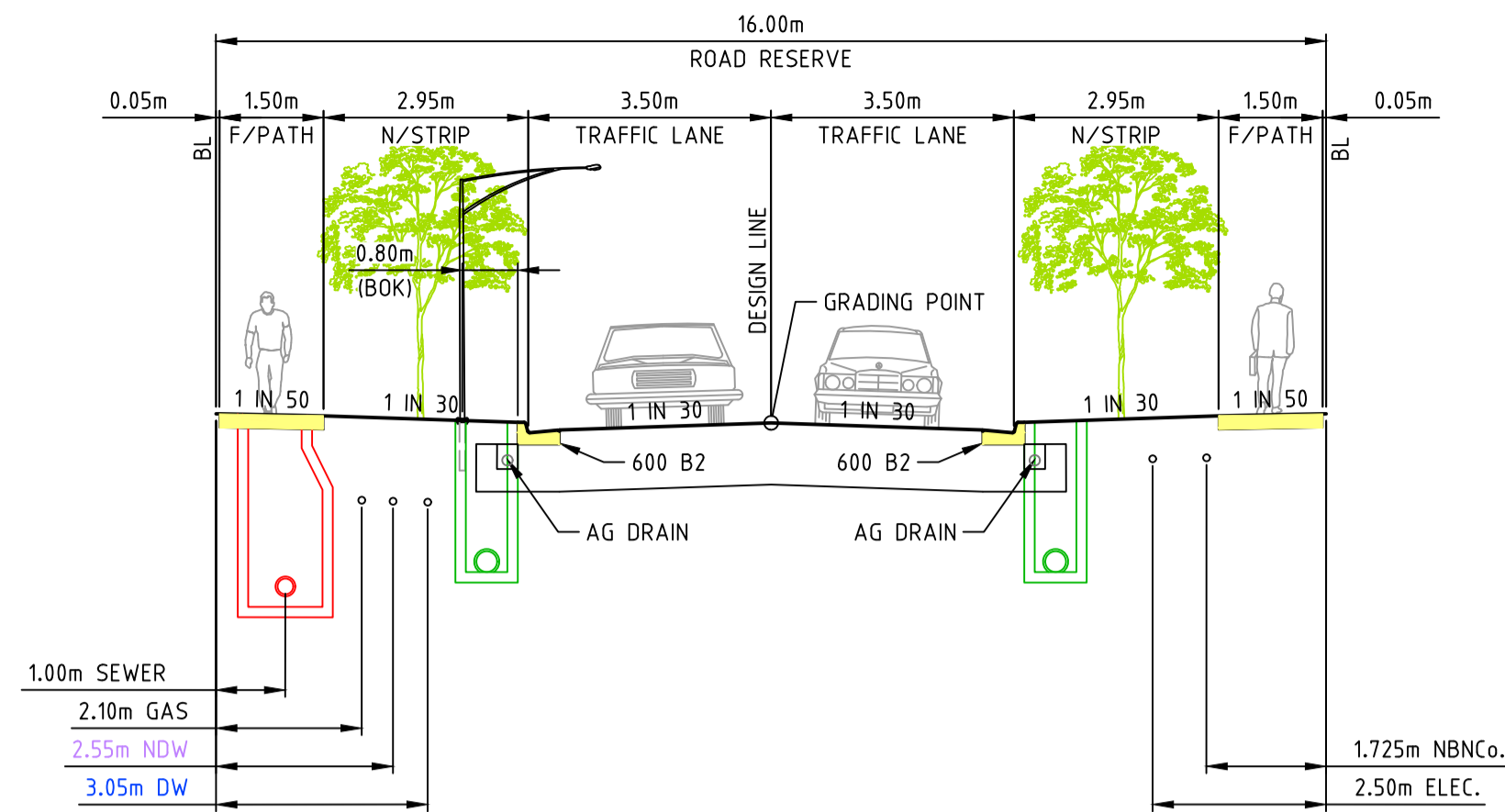
Scale @ A1/A3 As Shown

RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
TYPICAL DETAILS AND
PAVEMENT DETAILS
Drawing No. 10940TD02
Sheet No. 02 of 40

Rev D

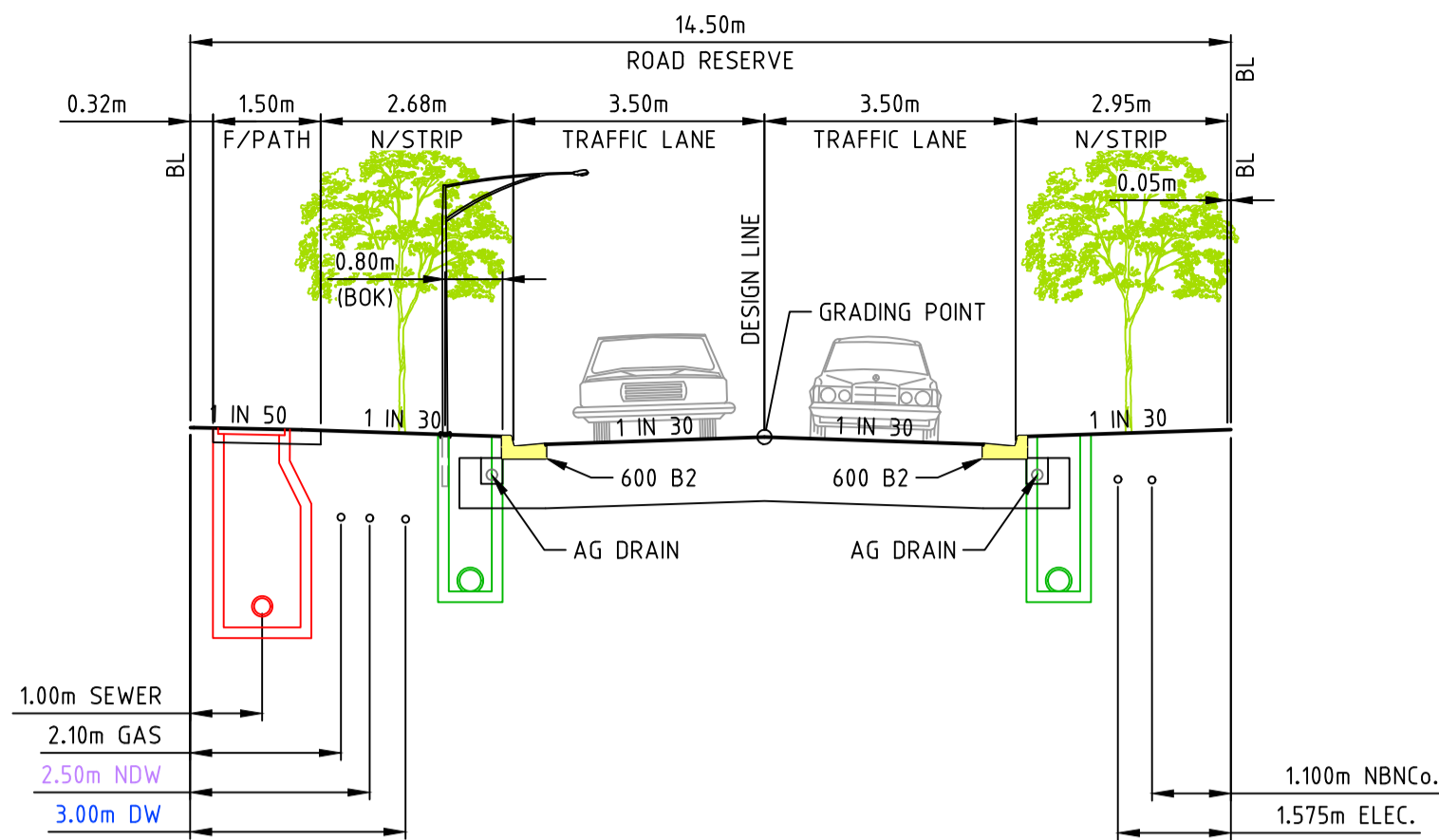


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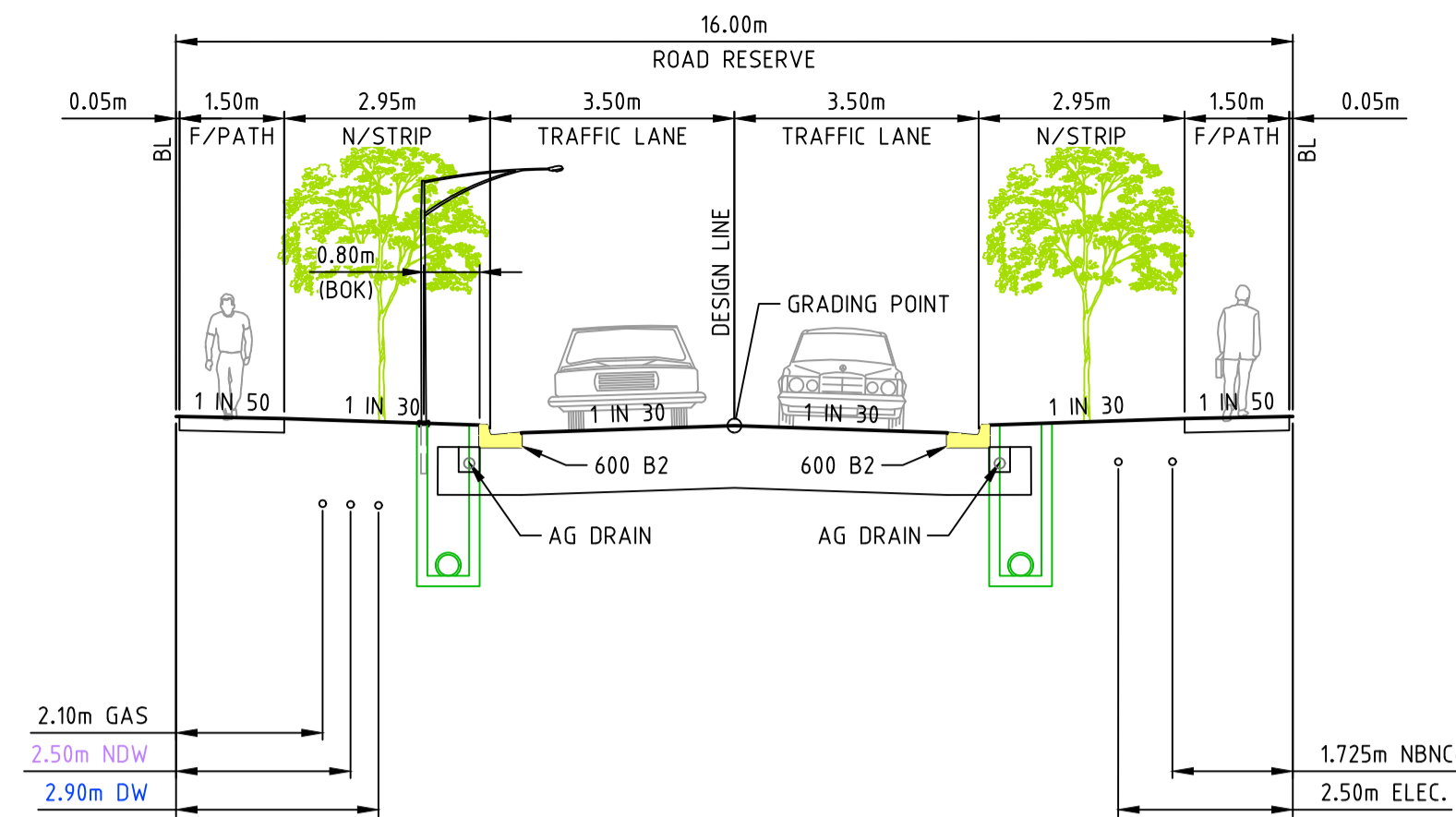
STANDARD ACCESS STREET (16m)

GRAMPIANS AVENUE
SCALE 1:100
SEWER AND DRAINAGE SHOWN INDICATIVELY;
REFER TO DETAIL PLAN FOR ACTUAL LOCATION



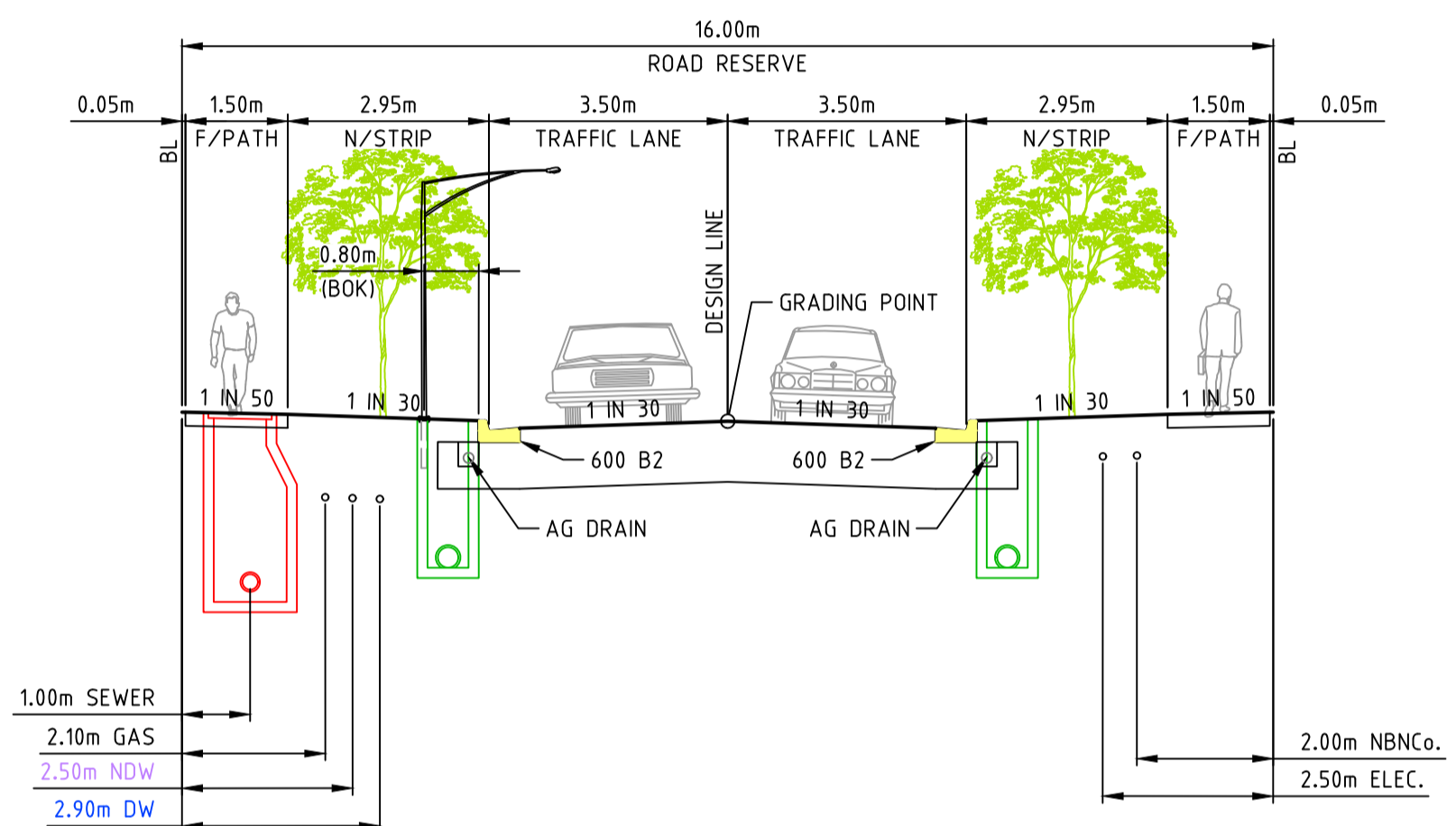
STANDARD ACCESS STREET (14.5m)

HANGER STREET
SCALE 1:100
SEWER AND DRAINAGE SHOWN INDICATIVELY;
REFER TO DETAIL PLAN FOR ACTUAL LOCATION



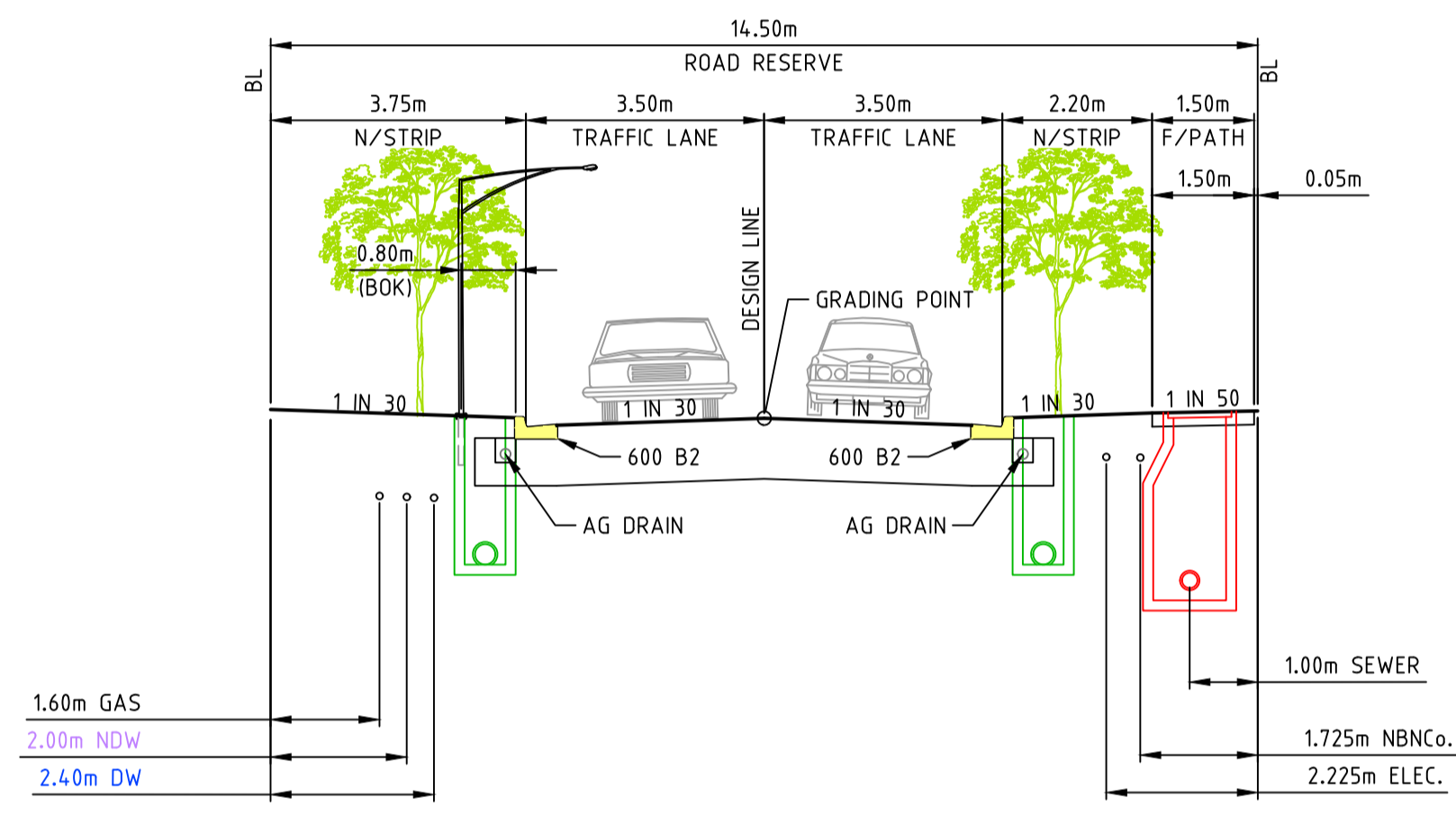
STANDARD ACCESS STREET (16m)

KAILASH ROAD (LOTS 4006-4008)
SCALE 1:100
SEWER AND DRAINAGE SHOWN INDICATIVELY;
REFER TO DETAIL PLAN FOR ACTUAL LOCATION



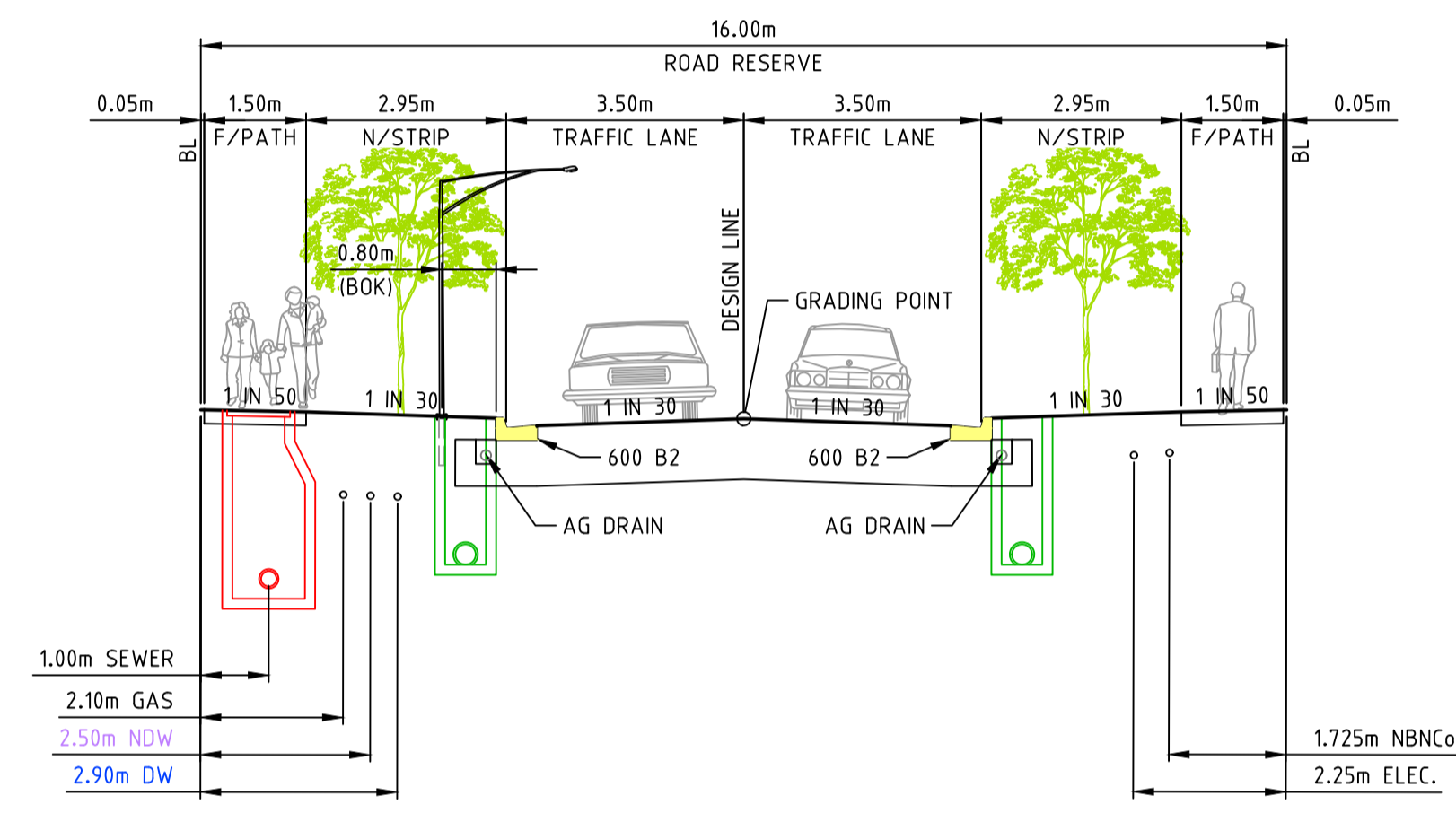
STANDARD ACCESS STREET (16m)

BATCHELOR STREET (LOTS 4019 TO 4024)
SCALE 1:100
SEWER AND DRAINAGE SHOWN INDICATIVELY;
REFER TO DETAIL PLAN FOR ACTUAL LOCATION



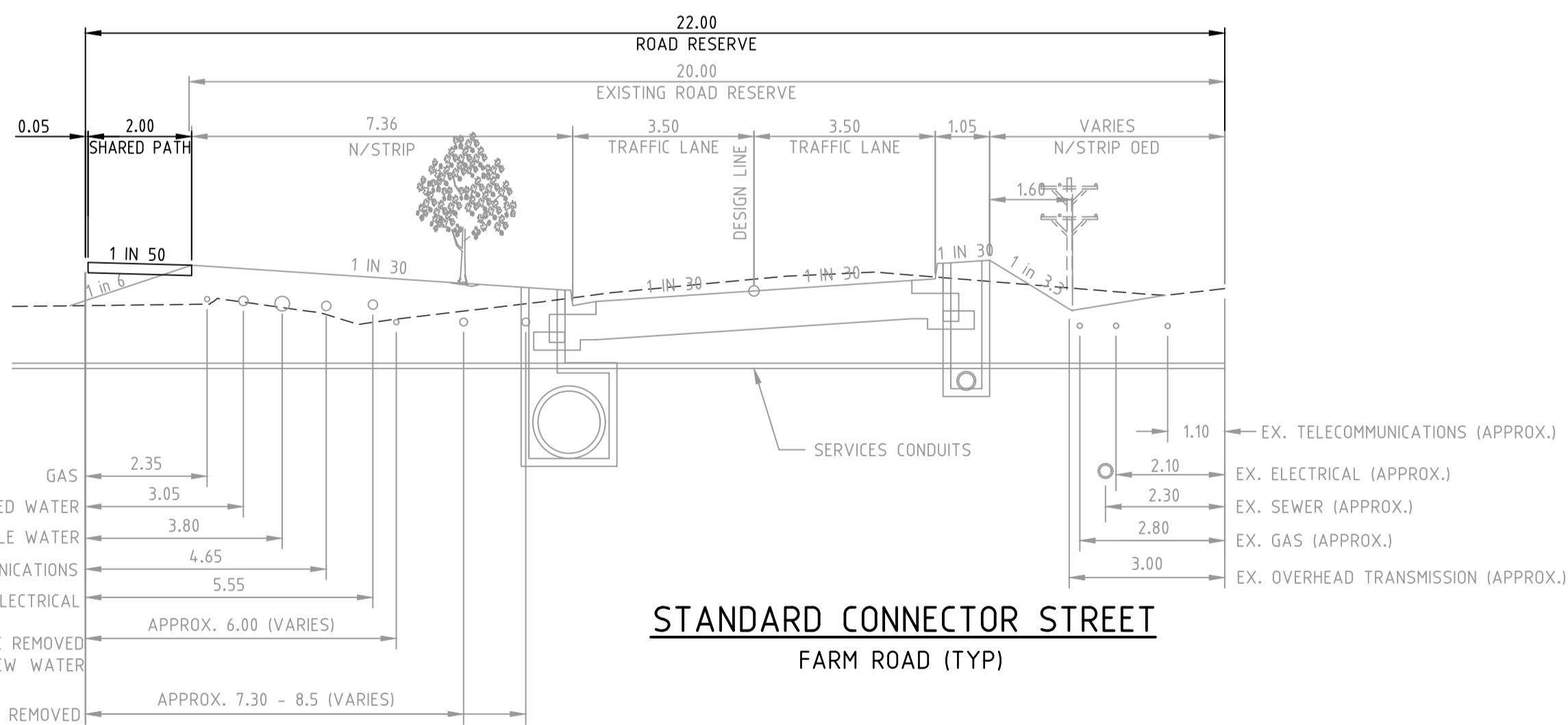
STANDARD ACCESS STREET (14.5m)

KAILASH ROAD (LOTS 4009 TO 4037)
SCALE 1:100
SEWER AND DRAINAGE SHOWN INDICATIVELY;
REFER TO DETAIL PLAN FOR ACTUAL LOCATION

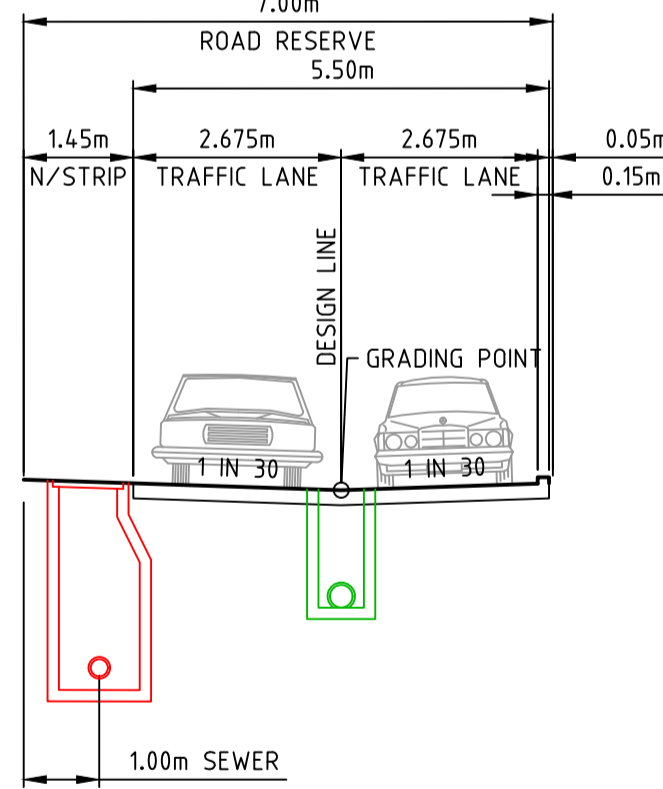


STANDARD ACCESS STREET (16m)

SORTIE STREET
SCALE 1:100
SEWER AND DRAINAGE SHOWN INDICATIVELY;
REFER TO DETAIL PLAN FOR ACTUAL LOCATION

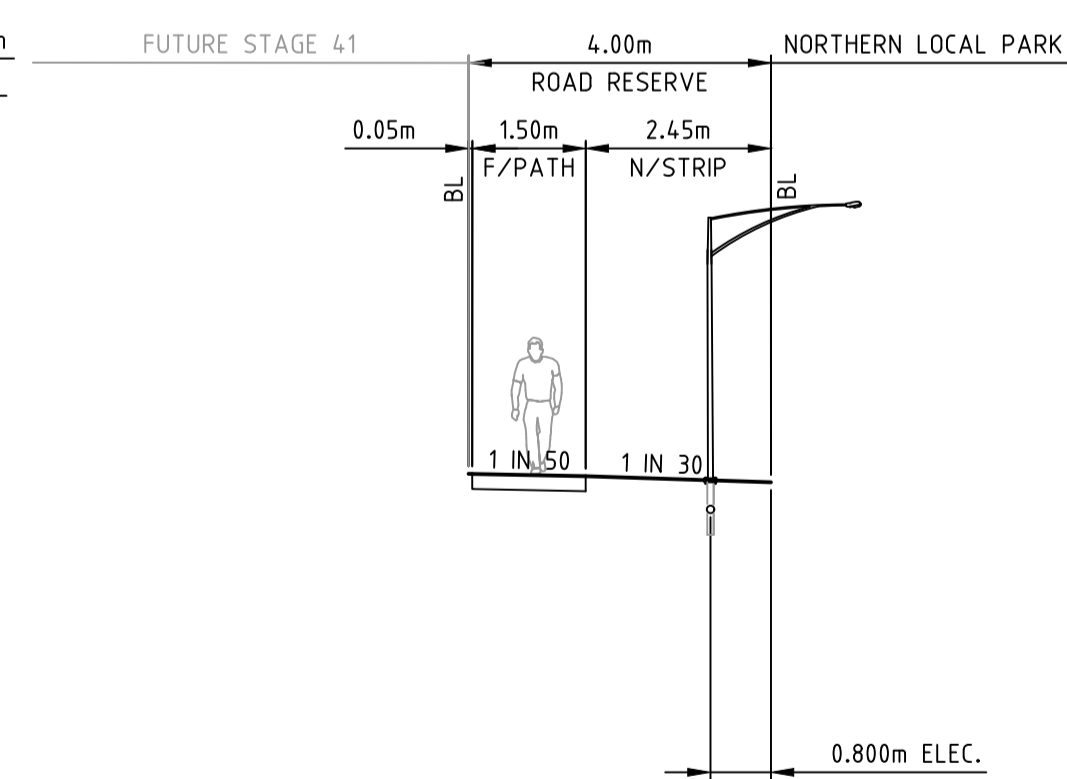


STANDARD CONNECTOR STREET
FARM ROAD (TYP)



LANEWAY (7m)

MOROTAI LANE
SCALE 1:100
SEWER AND DRAINAGE SHOWN INDICATIVELY;
REFER TO DETAIL PLAN FOR ACTUAL LOCATION



NORDEN WALK (4m)

SCALE 1:100

NOTE: PAVEMENT JOINTS
ROAD PAVEMENT JOINTS TO BE INSTALLED IN ACCORDANCE WITH EDM STANDARD DRAWING 201.

NOTE: AG DRAINS
AG DRAINS TO BE INSTALLED IN ACCORDANCE WITH EDM STANDARD DRAWING 202a.

NOTE: LIGHT POLES AND STREET TREES
1. LOCATIONS OF LIGHT POLES SHOWN ON ALL TYPICAL SECTIONS ARE ONLY INDICATIVE AND NOT THE EXACT LOCATION OF PROPOSED LIGHT POLES.
2. PROPOSED TREES SHALL BE CLEAR OF SERVICES AND LOCATED AT A SUITABLE LOCATION THAT WILL MINIMISE DAMAGE TO ABUTTING SERVICES.

TABLE OF SERVICE LOCATIONS

STREET NAME	SEW	DW	NDW	GAS	OF	ELEC	POLES	BOK
GRAMPIANS AVENUE	1.00 E/W	3.05 E	2.55 E	2.10 E	1.725 W	2.50 W	+0.80 S	4.35
KAILASH ROAD LOTS 4006-4008	-	2.90 E	2.50 E	2.10 E	1.725 W	2.50 W	+0.80 S	4.35
KAILASH ROAD LOTS 4009-4037	1.00 S	2.40 N	2.00 N	1.60 E	1.725 S	2.225 S	+0.80 S	3.60
BATCHELOR STREET	1.00 S	2.90 S	2.50 S	2.10 S	2.00 N	2.50 N	+0.80 S	4.35
MOROTAI LANE	1.00 N	-	-	-	-	-	-	-
SORTIE STREET	1.00 W	2.90 W	2.50 W	2.10 W	1.725 E	2.25 E	+0.80 S	4.35
HANGER STREET	1.00 S	3.00 S	2.50 S	2.10 S	1.100 N	1.575 N	+0.80 S	4.35E/2.85W

* FROM BACK OF KERB

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DATE	AMEND
APP'D	

D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL
REV	DESCRIPTION	DATE	AMEND	APP'D



Scale @ A1/A3 1:100 / 1:200

RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
TYPICAL SECTIONS

Drawing No. 10940TD03
Sheet No. 03 of 40

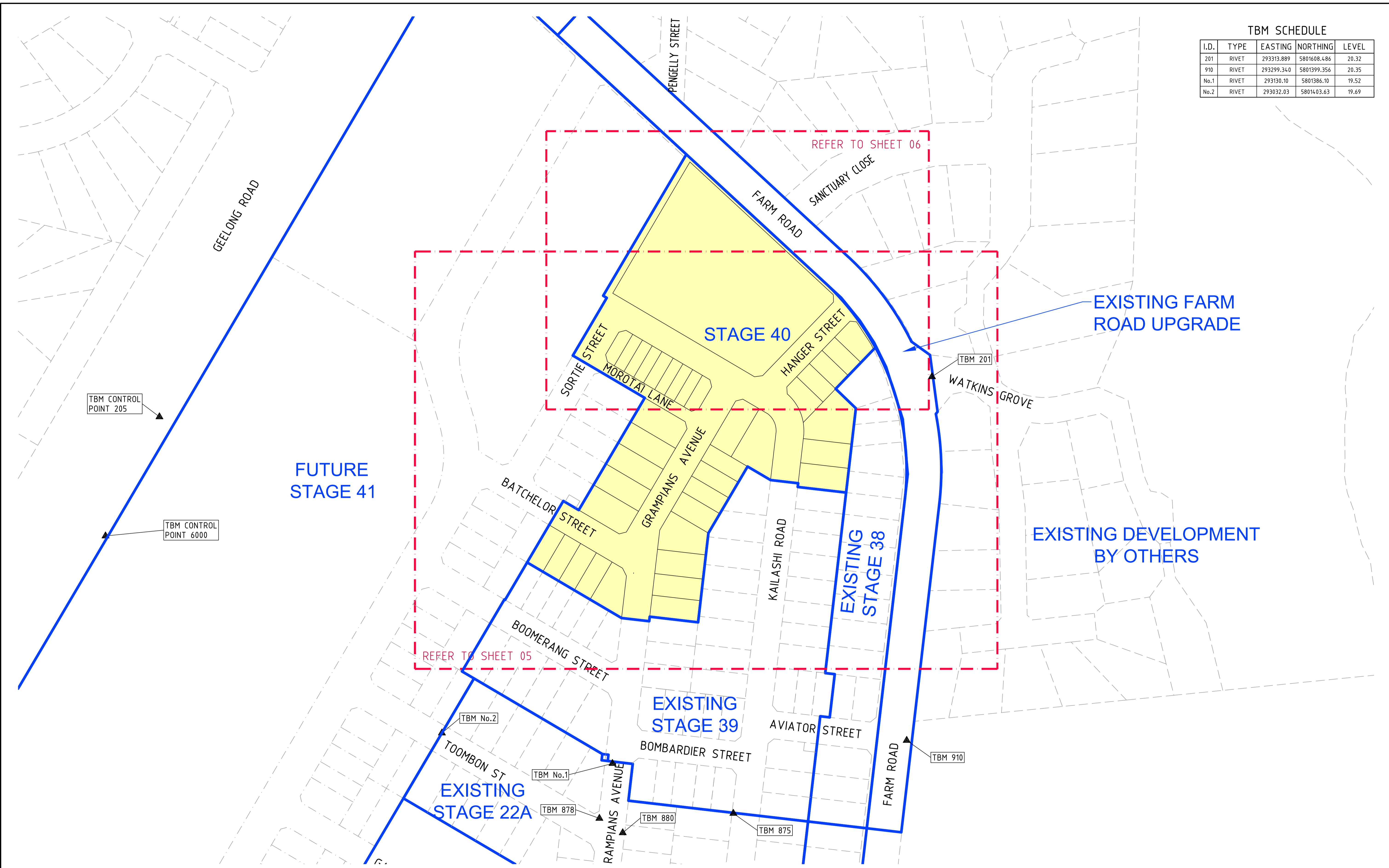


PRELIMINARY

Rev D

TBM SCHEDULE

I.D.	TYPE	EASTING	NORTHING	LEVEL
201	RIVET	293313.889	5801608.486	20.32
910	RIVET	293299.340	5801399.356	20.35
No.1	RIVET	293130.10	5801386.10	19.52
No.2	RIVET	293032.03	5801403.63	19.69



Drawing File: C:\Users\Synergy\OneDrive\Documents\10940-Riverwalk - Stage 40_2408\3_Design\1_ACO\4-00\10940SP01.dwg - 3P01
 Date/Time: Wed Nov 30, 2022 - 4:34pm - Frank--

NOT TO BE USED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	AMEND	APP'D
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/IRG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN

LEGEND

	STAGE BOUNDARY
	DETAIL PLAN BOUNDARY
	CURRENT STAGE
	PSM TBM

Coords: MGA Levels: AHD

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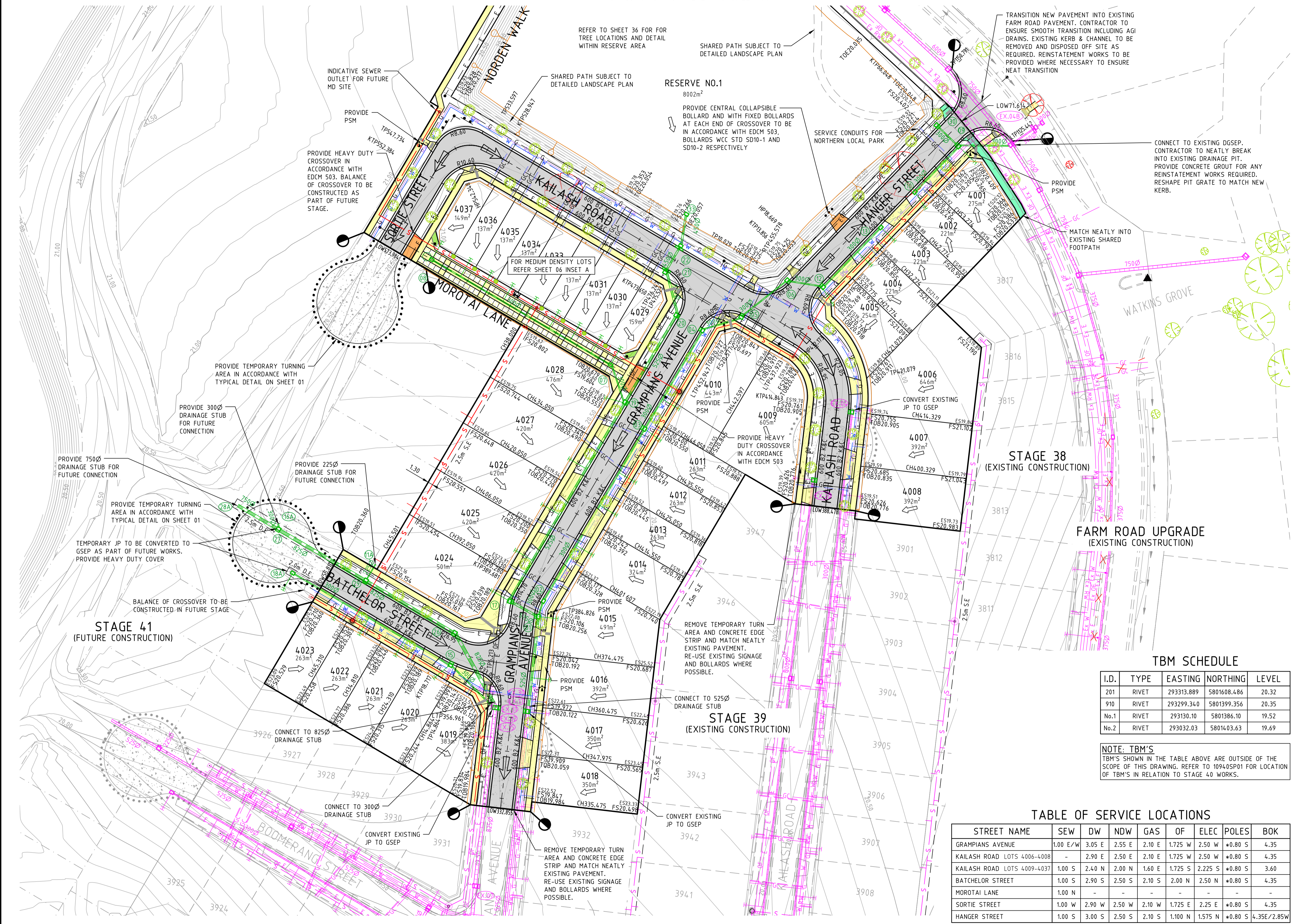
Scale @ A1/A3 1:1000 / 1:2000

RIVERWALK
STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 STAGING PLAN
 Drawing No. 10940SP01
 Sheet No. 04 of 40

DALTON CONSULTING ENGINEERS
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 T +61 7 3374 9000
 E info@dceng.com.au

PRELIMINARY

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.
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NOTE: BULK EARTHWORKS
 PERMIT 11 BULK EARTHWORKS TO BE COMPLETED PRIOR TO THE COMMENCEMENT OF STAGE 40 CIVIL WORKS (DCE JOB NUMBER 10870).

NOTE: EXISTING SURFACE LEVELS
 ALL EXISTING CORNER LEVELS SHOWN ON THIS PLAN ARE PRIOR TO THE COMMENCEMENT OF PERMIT 11 BULK EARTHWORKS (DCE JOB NUMBER 10870).

NOTE: END OF PAVEMENT WORKS
 CONCRETE EDGE STRIP AND AG DRAIN TO BE INSTALLED TO THE END OF ALL PAVEMENT WORKS.

NOTE: EXISTING SERVICES
 ALL EXISTING SERVICES UNDER NEW AND PROPOSED ROAD PAVEMENT, FOOTPATH AND DRIVEWAYS TO BE FCR BACKFILLED.

NOTE: EXISTING STRUCTURES
 ALL EXISTING DRAINAGE PITS AND SEWER STRUCTURES WITHIN NEW WORKS ARE TO BE ADJUSTED TO MATCH NEW FINISHED SURFACE LEVELS.

NOTE: TACTILE PAVING
 TACTILE GROUND SURFACE INDICATORS (TGS/IS) ARE SHOWN INDICATIVELY AND SHOULD BE CONSTRUCTED IN ACCORDANCE WITH AS/NZS 1428.4:12009.

CAUTION!
 ALL EXISTING SERVICES IN THE VICINITY OF WORKS SHALL BE PROTECTED AND KEPT IN FUNCTIONAL STATE AT ALL TIMES DURING WORKS.

BEWARE!
 NBN OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 1800 687 626.

BEWARE!
 TELSTRA OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 9253 8263.

BEWARE!
 TELSTRA MAJOR CABLES ARE IN THE VICINITY OF WORKS.

BEWARE!
 DEVELOPMENT VICTORIA FTTH OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 03 9311 4575.

WARNING!
 NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.

DANGER!
 OVERHEAD ELECTRICITY TRANSMISSION LINES. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN OPERATING IN THE VICINITY OF THESE LINES. THE CONTRACTOR MUST ADHERE TO ALL "NO GO ZONE" REQUIREMENTS OF THE POWER AUTHORITY.

WARNING!
 THE LOCATION OF EXISTING SERVICES SHOWN ON THESE PLANS MUST BE PROVEN ON SITE, THE APPROPRIATE AUTHORITY MUST BE CONTACTED AND THE SERVICES LOCATED PRIOR TO COMMENCEMENT OF ANY WORKS.

WARNING!
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TBM SCHEDULE

I.D.	TYPE	EASTING	NORTHING	LEVEL
201	RIVET	293313.889	5801608.486	20.32
910	RIVET	293299.340	5801399.356	20.35
No.1	RIVET	293130.10	5801386.10	19.52
No.2	RIVET	293032.03	5801403.63	19.69

NOTE: TBM'S
 TBM'S SHOWN IN THE TABLE ABOVE ARE OUTSIDE OF THE SCOPE OF THIS DRAWING. REFER TO 10940SP01 FOR LOCATION OF TBM'S IN RELATION TO STAGE 40 WORKS.

TABLE OF SERVICE LOCATIONS

STREET NAME	SEW	DW	NDW	GAS	OF	ELEC	POLES	BOK
GRAMPIANS AVENUE	1.00 E/W	3.05 E	2.55 E	2.10 E	1.725 W	2.50 W	*0.80 S	4.35
KAILASH ROAD LOTS 4006-4008	-	2.90 E	2.50 E	2.10 E	1.725 W	2.50 W	*0.80 S	4.35
KAILASH ROAD LOTS 4009-4037	1.00 S	2.40 N	2.00 N	1.60 E	1.725 S	2.225 S	*0.80 S	3.60
BATCHELOR STREET	1.00 S	2.90 S	2.50 S	2.10 S	2.00 N	2.50 N	*0.80 S	4.35
MOROTAI LANE	1.00 N	-	-	-	-	-	-	-
SORTIE STREET	1.00 W	2.90 W	2.50 W	2.10 W	1.725 E	2.25 E	*0.80 S	4.35
HANGER STREET	1.00 S	3.00 S	2.50 S	2.10 S	1.100 N	1.575 N	*0.80 S	4.35E/2.85W

* FROM BACK OF KERB

NOT TO BE USED FOR CONSTRUCTION

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B	COUNCIL ISSUE	21/09/22	PN/IRG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL

Drawn: R.GUTIERREZ
 Date: 14/09/22
 AN: 3401095
 Designed: P.NICHOLSON
 Date: 13/09/22
 AN: 3791018
 Checked: S.SRAJKOVIC
 Date: 21/09/22
 AN: 2951057
 Approved: AN
 Date: AN

LEGEND

- EX. WATER MAIN
- EX. GAS MAIN
- EX. ELECTRICAL CABLE
- EX. SEWER MAIN & MH
- EX. COMM. CABLE & PIT
- EX. DRAIN & PIT
- SIGNAGE
- PSM | TBM
- ELECTRICITY
- TELECOMMUNICATIONS
- GAS
- WATER
- RECYCLED WATER
- DW/NDW/GAS CONDUITS
- LIMIT OF WORKS
- SEWER MAIN & MANHOLE
- SW DRAIN & PIT
- HOUSE DRN | PROP. INLET
- BATTER
- FINISHED SURFACE LEVEL
- EX. SURFACE LEVEL
- TOP OF BATTER LEVEL
- TOE OF BATTER LEVEL
- REGRADE LOT (MIN 1:50)
- PROPOSED TREE WITH 3m TREE RING
- EX. TREE TO REMAIN
- EX. TREE TO BE REMOVED
- FILLING OVER 300mm
- ASPHALT PAVEMENT
- CONCRETE PATH | DWAY
- HEAVY DUTY CROSSOVER
- CONCRETE SHARED PATH
- TURN AREA

Coords: MGA Levels: AHD

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DEVELOPMENT VICTORIA

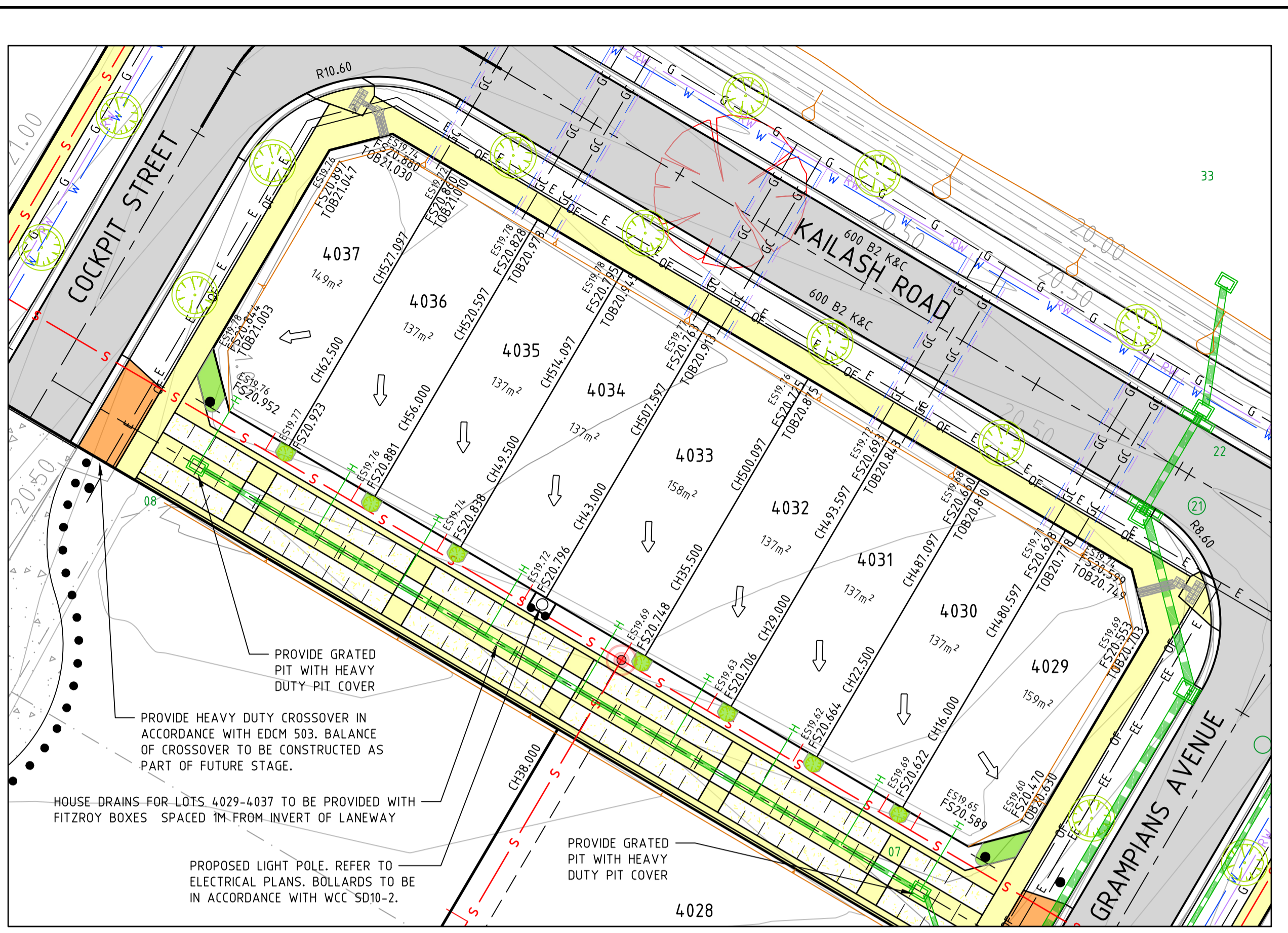
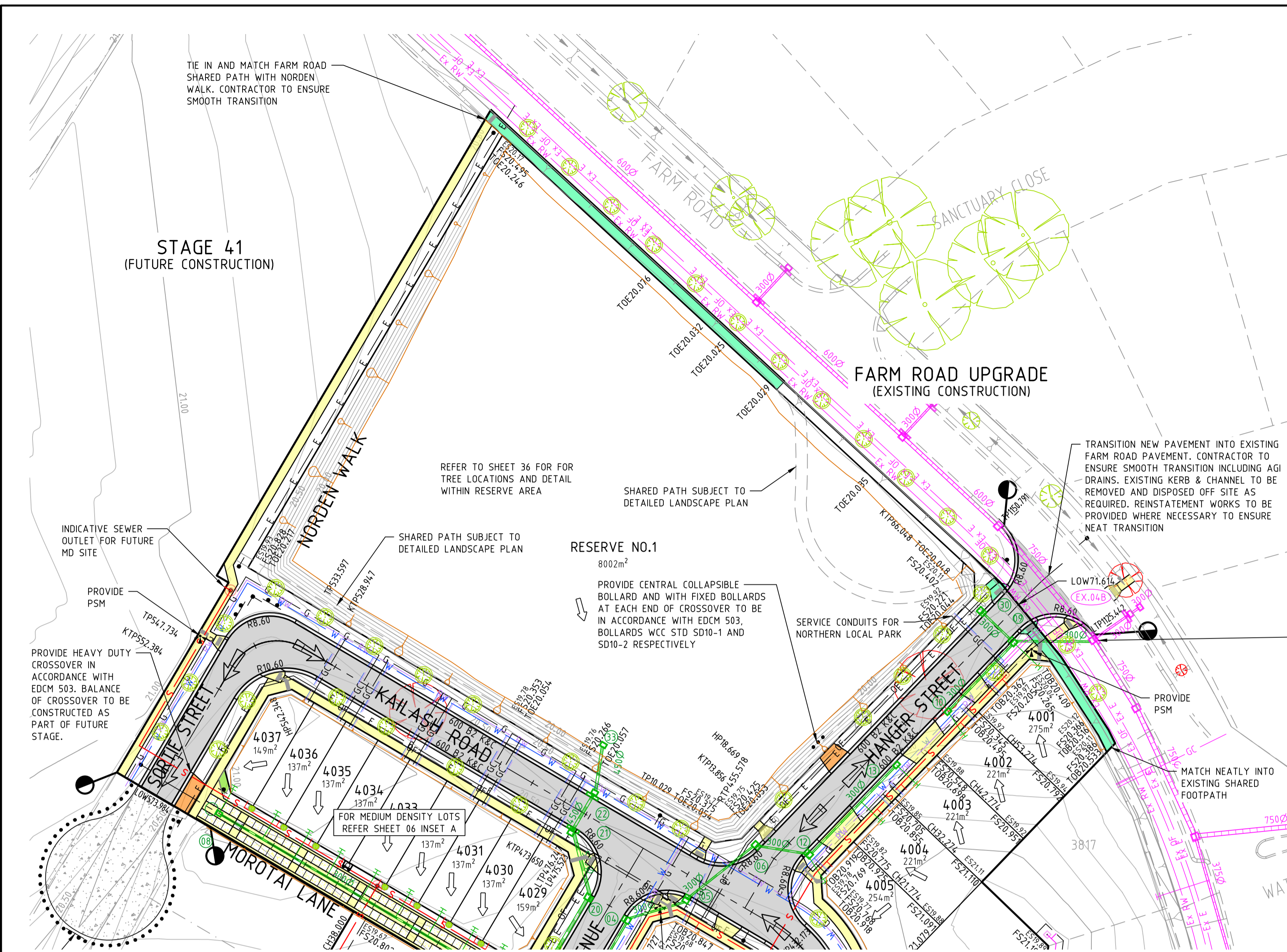
Scale @ A1/A3 1:500 / 1:1000

RIVERWALK STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 DETAIL PLAN
 SHEET 01 OF 02
 Drawing No. 10940DP01
 Sheet No. 05 of 40

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 T +61 3 5246 1700
 T +61 7 3374 9000
 E info@dceng.com.au

PRELIMINARY

Drawing File: C:\124_Synergy\deltaelta\ENERGY-ME\10940-Riverwalk - Stage 40_2408\3_Design\1_4001-4_01.dwg
 Date/Time: Wed Nov 30, 2022 - 4:34pm - P:\aht...
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INSET A
MEDIUM DENSITY LOTS 4029 TO 4037
SCALE @ A1/A3 1:250/1:500

PLAN
FOR CONTINUATION REFER TO SHEET 05
SCALE @ A1/A3 1:500/1:1000

BEWARE!
DEVELOPMENT VICTORIA FTTH OPTIC FIBRE CABLES IN THE VICINITY OF WORKS.
TEL: 03 9311 4575.

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KAILASH ROAD LOTS 4009-4037	1.00 S	2.40 N	2.00 N	1.60 E	1.725 S	2.225 S	±0.80 S	3.60
BACHELOR STREET	1.00 S	2.90 S	2.50 S	2.10 S	2.00 N	2.50 N	±0.80 S	4.35
MOROTAI LANE	1.00 N	-	-	-	-	-	-	-
SORTIE STREET	1.00 W	2.90 W	2.50 W	2.10 W	1.725 E	2.25 E	±0.80 S	4.35
HANGER STREET	1.00 S	3.00 S	2.50 S	2.10 S	1.100 N	1.575 N	±0.80 S	4.35E/2.85W

* FROM BACK OF KERB

TBM SCHEDULE

I.D.	TYPE	EASTING	NORTHING	LEVEL
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910	RIVET	293299.340	5801399.356	20.35
No.1	RIVET	293130.10	5801386.10	19.52
No.2	RIVET	293032.03	5801403.63	19.69

NOTE: TBM'S
TBMS SHOWN IN THE TABLE ABOVE ARE OUTSIDE OF THE SCOPE OF THIS DRAWING. REFER TO 1094.0SP01 FOR LOCATION OF TBM'S IN RELATION TO STAGE 40 WORKS.

NOTE: BULK EARTHWORKS
PERMIT 11 BULK EARTHWORKS TO BE COMPLETED PRIOR TO THE COMMENCEMENT OF STAGE 40 CIVIL WORKS (DCE JOB NUMBER 108701).

NOTE: EXISTING SURFACE LEVELS
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NOT TO BE USED FOR CONSTRUCTION

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Drawn
Date
AN
14/09/22
3401095
Designed
Date
AN
P.NICHOLSON
13/09/22
3791018
Checked
Date
AN
S.RAJKOVIC
21/09/22
2951057
Approved
Date
AN
14/09/22
PN/NR
TL
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LEGEND

- EX W - EX. WATER MAIN
- EX G - EX. GAS MAIN
- EX E - EX. ELECTRICAL CABLE
- EX S - EX. SEWER MAIN & MH
- EX T - EX. COMM. CABLE & PIT
- EX D - EX. DRAIN & PIT
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- ELECTRICITY
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- HEAVY DUTY CROSSOVER
- CONCRETE SHARED PATH
- LANDSCAPING
- TURN AREA

DEVELOPMENT VICTORIA

Scale @ A1/A3 1:500 / 1:1000

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Coords: MGA Levels: AHD

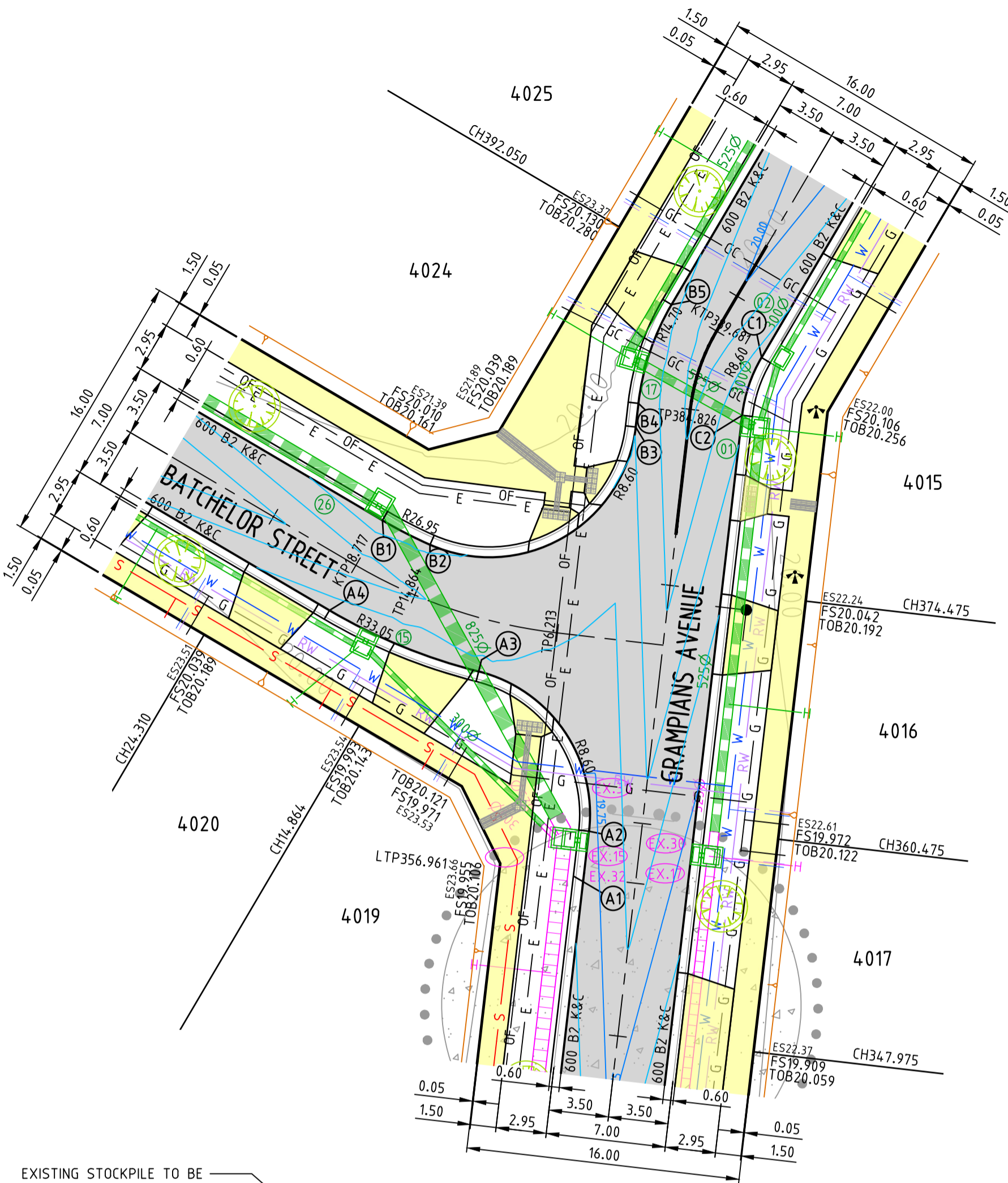
RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
DETAIL PLAN
SHEET 02 OF 02
Drawing No. 10940DP02
Sheet No. 06 of 40

DALTON CONSULTING ENGINEERS
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T +61 7 3374 9000
E info@dceng.com.au

PRELIMINARY

Drawing File: C:\124_Synergy\deltaelta\ENERGY-ME\10940-Riverwalk - Stage 40_2408'3 Design\1_A040\4-02\10940DP02.dwg - 1P02
Date/Time: Wed Nov 30, 2022 - 4:35pm - P:\atkins



ALIGNMENT A

POINT NO	EASTING	NORTHING	RL
A1	293143.023	5801493.105	19.719
A2	293143.334	5801495.794	19.733
A3	293136.887	5801505.124	19.787
A4	293128.174	5801508.696	19.773

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
A2 - A3	82.499	8.600	12.383	2.134	1.583	3.029	2.641	3.096	19.764
A3 - A4	16.380	33.050	9.448	0.337	0.253	2.360	2.348	2.362	19.763

ALIGNMENT B

POINT NO	EASTING	NORTHING	RL
B1	293131.268	5801513.952	19.773
B2	293134.048	5801512.524	19.789
B3	293146.066	5801519.404	19.869
B4	293146.226	5801520.785	19.872
B5	293148.160	5801526.552	19.883

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
B1 - B2	6.646	26.950	3.126	0.045	0.034	0.781	0.781	0.781	19.781
B2 - B3	107.235	8.600	16.096	3.499	2.574	3.879	3.045	4.024	19.829
B4 - B5	23.880	14.700	6.127	0.318	0.238	1.529	1.512	1.532	19.868

ALIGNMENT C

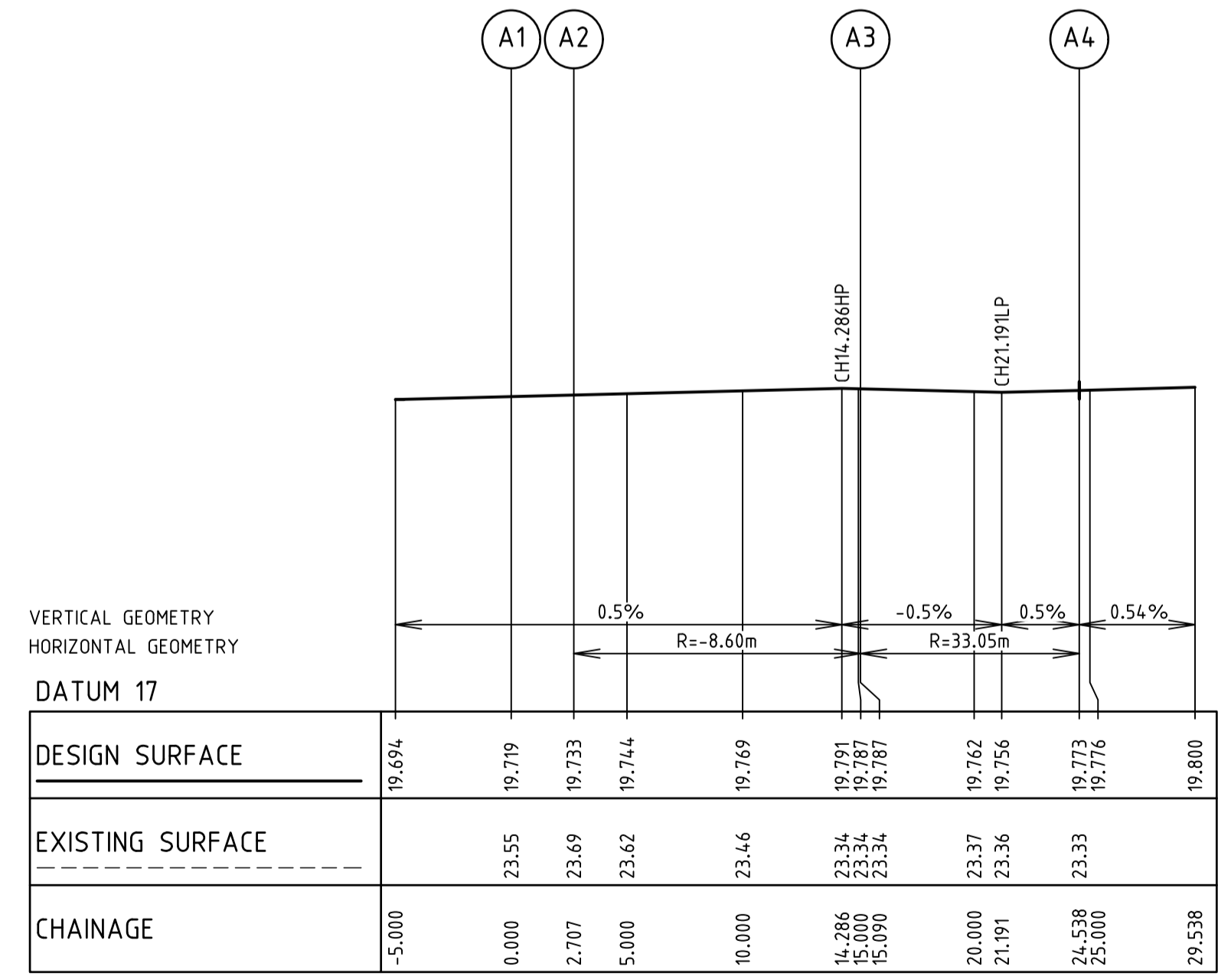
Point no	EASTING	NORTHING	RL
C1	293153.417	5801523.458	19.883
C2	293152.286	5801520.084	19.859

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
C1 - C2	23.880	8.600	3.584	0.186	0.139	0.894	0.885	0.896	19.871

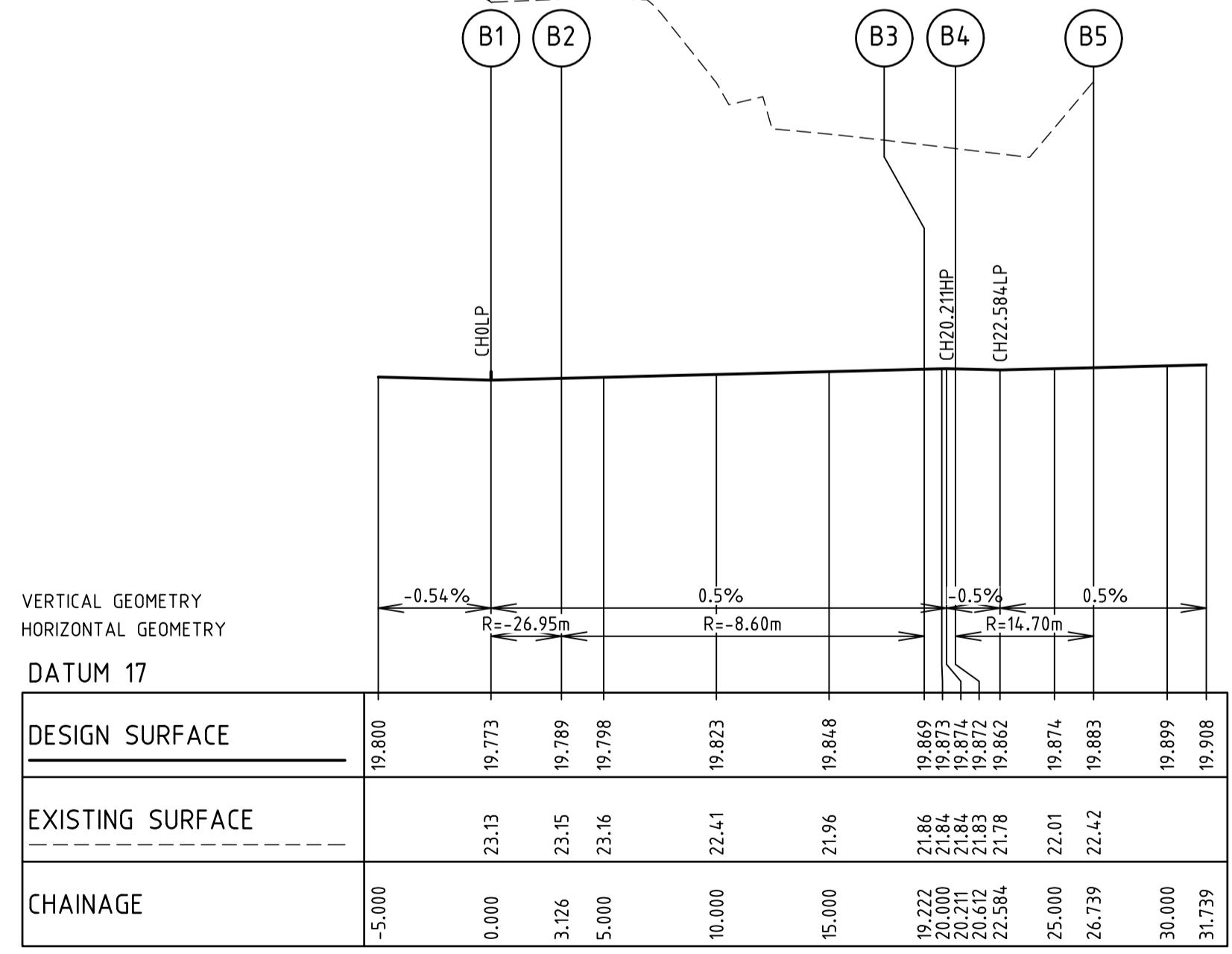
EXISTING STOCKPILE TO BE REMOVED AS PART OF BEW PACKAGE. (REFER TO DCE JOB NUMBER 1870)

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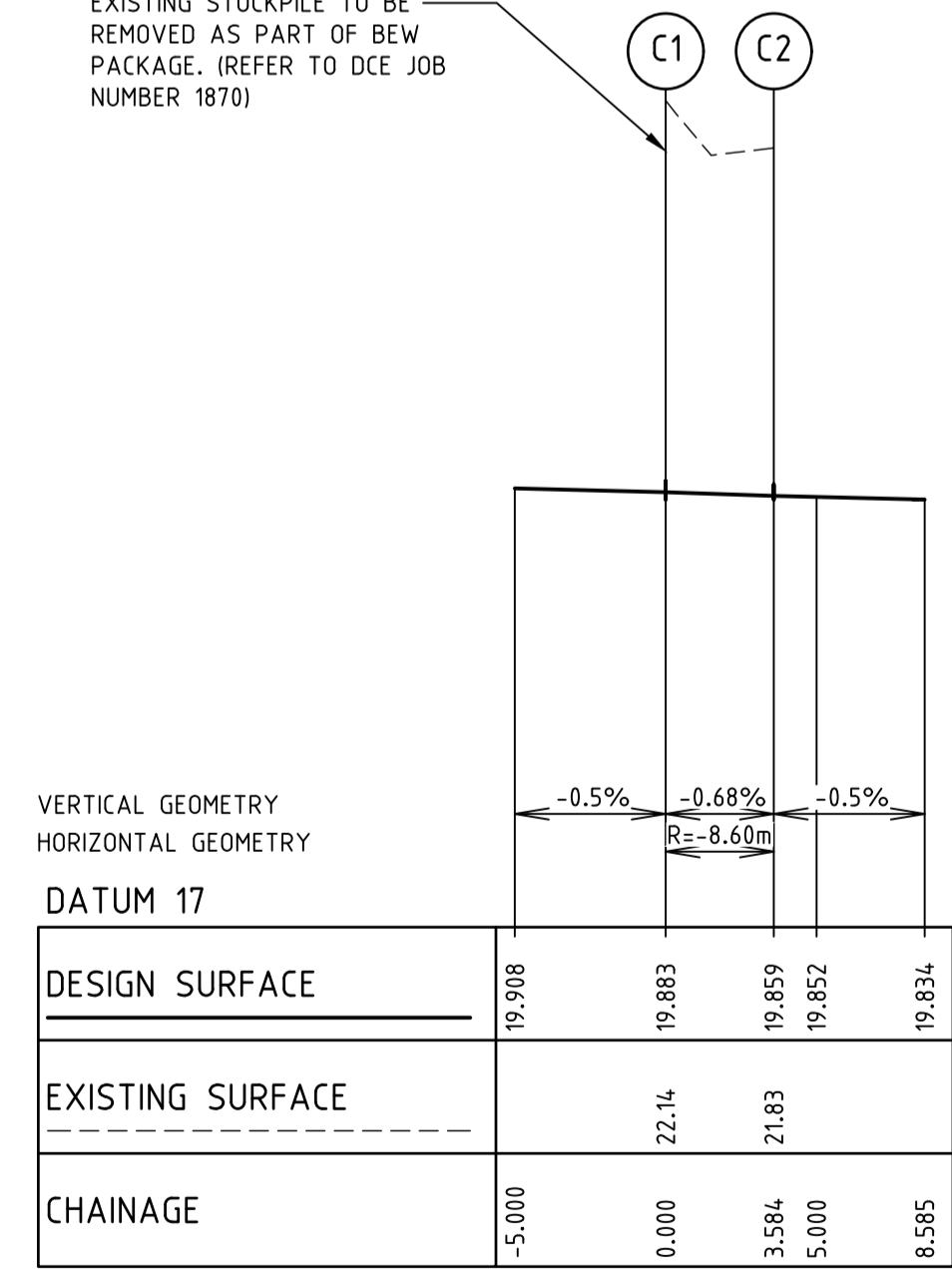
EXISTING STOCKPILE TO BE REMOVED AS PART OF BEW PACKAGE. (REFER TO DCE JOB NUMBER 1870)



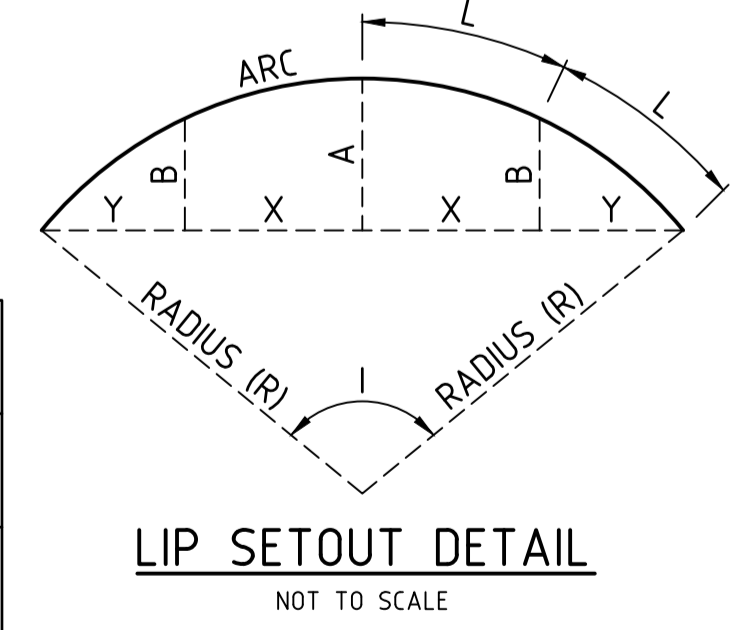
LIP PROFILE A



LIP PROFILE B



LIP PROFILE C



LIP SETOUT DETAIL
NOT TO SCALE

NOTE: END OF PAVEMENT WORKS
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Drawn R.GUTIERREZ
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Designed P.NICHOLSON
Date 13/09/22
AN 3791018
Checked S.RAJKOVIC
Date 21/09/22
AN 2951057
Approved Date
AN
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LEGEND

- SEWER MAIN & MANHOLE
- SW DRAIN & PIT
- HOUSE DRAIN PROP. INLET
- FINISHED SURFACE LEVEL
- EX. SURFACE LEVEL
- TOP OF BATTER LEVEL
- TOE OF BATTER LEVEL
- SIGNAGE
- LIP PROFILE SETOUT
- EX. COMM. CABLE & PIT
- ELECTRICITY
- TELECOMMUNICATIONS
- GAS
- WATER
- RECYCLED WATER
- DW/NOW/GAS CONDUITS
- EX. DRAIN & PIT
- EX. SEWER MAIN & MH
- MAJOR FS CONTOUR
- MINOR FS CONTOUR
- FINISHED SURFACE LEVEL WITH 3m TREE RING
- EX. WATER MAIN
- EX. GAS MAIN
- EX. ELECTRICAL CABLE
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- EXISTING SURFACE
- FILLING OVER 300mm
- ASPHALT PAVEMENT
- CONCRETE PATH/D'WAY
- CONCRETE SHARED PATH

Coords: MGA Levels: AHD

BEFORE YOU DIG
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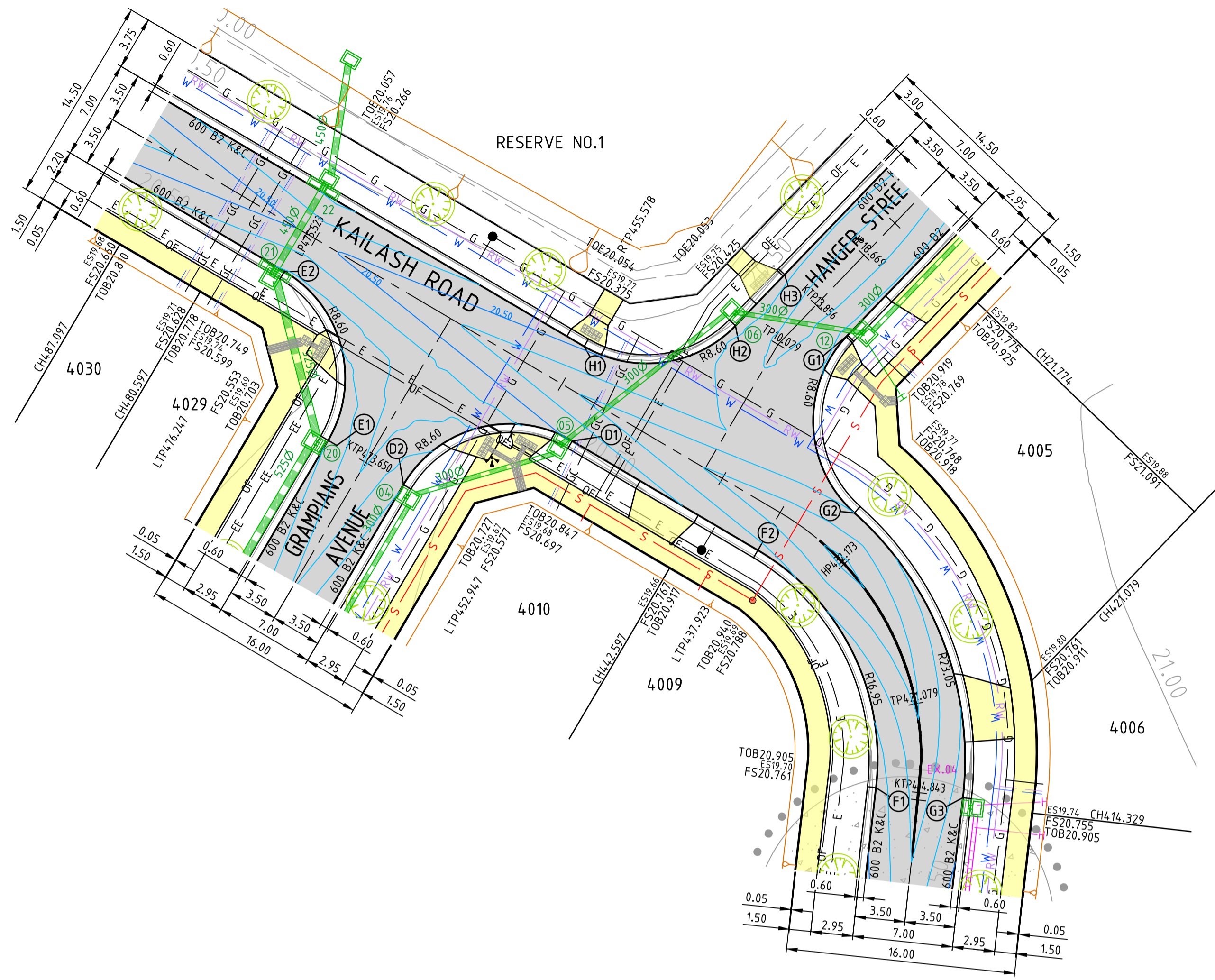
Scale @ A1/A3
H1:250/500 V1:50/100

RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
INTERSECTION DETAILS
SHEET 01 OF 05
Drawing No. 10940ID01
Sheet No. 07 of 40

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E info@dceng.com.au

PRELIMINARY

Drawing File: C:\124_Synergy\deltaelta\ENERGY-ME\10940-Riverwalk - Stage 40_2408\3_Design\1_ACOA\4-RD\10940ID01.dwg - 001
Date/Time: Wed Nov 30, 2022 - 4:35pm - P:\p\h\l\l



ALIGNMENT D

POINT NO	EASTING	NORTHING	RL
D1	293207.785	5801598.870	20.505
D2	293196.011	5801595.821	20.303

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
D1 - D2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	20.404

ALIGNMENT E

POINT NO	EASTING	NORTHING	RL
E1	293190.754	5801598.916	20.303
E2	293187.705	5801610.689	20.396

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
E1 - E2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	20.350

ALIGNMENT F

POINT NO	EASTING	NORTHING	RL
F1	293228.972	5801574.694	20.523
F2	293220.732	5801591.249	20.581

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
F1 - F2	66.120	16.950	19.560	2.744	2.044	4.823	4.424	4.890	20.580

NOTE: END OF PAVEMENT WORKS
CONCRETE EDGE STRIP AND AG DRAIN TO BE INSTALLED TO THE END OF ALL PAVEMENT WORKS.

NOTE: EXISTING SERVICES
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NOTE: EXISTING STRUCTURES
ALL EXISTING DRAINAGE PITS AND SEWER STRUCTURES WITHIN NEW WORKS ARE TO BE ADJUSTED TO MATCH NEW FINISHED SURFACE LEVELS.

NOTE: TACTILE PAVING
TACTILE GROUND SURFACE INDICATORS (TGS/IS) ARE SHOWN INDICATIVELY AND SHOULD BE CONSTRUCTED IN ACCORDANCE WITH AS/NZS 1428.4:2009.

CAUTION!
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BWARE!
NBN OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 1800 687 626.

BWARE!
TELSTRA OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 9253 8263.

BWARE!
TELSTRA MAJOR CABLES ARE IN THE VICINITY OF WORKS.

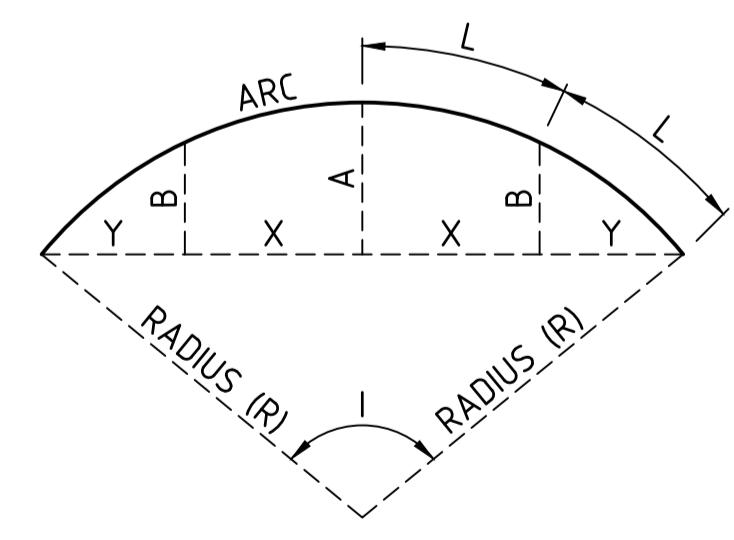
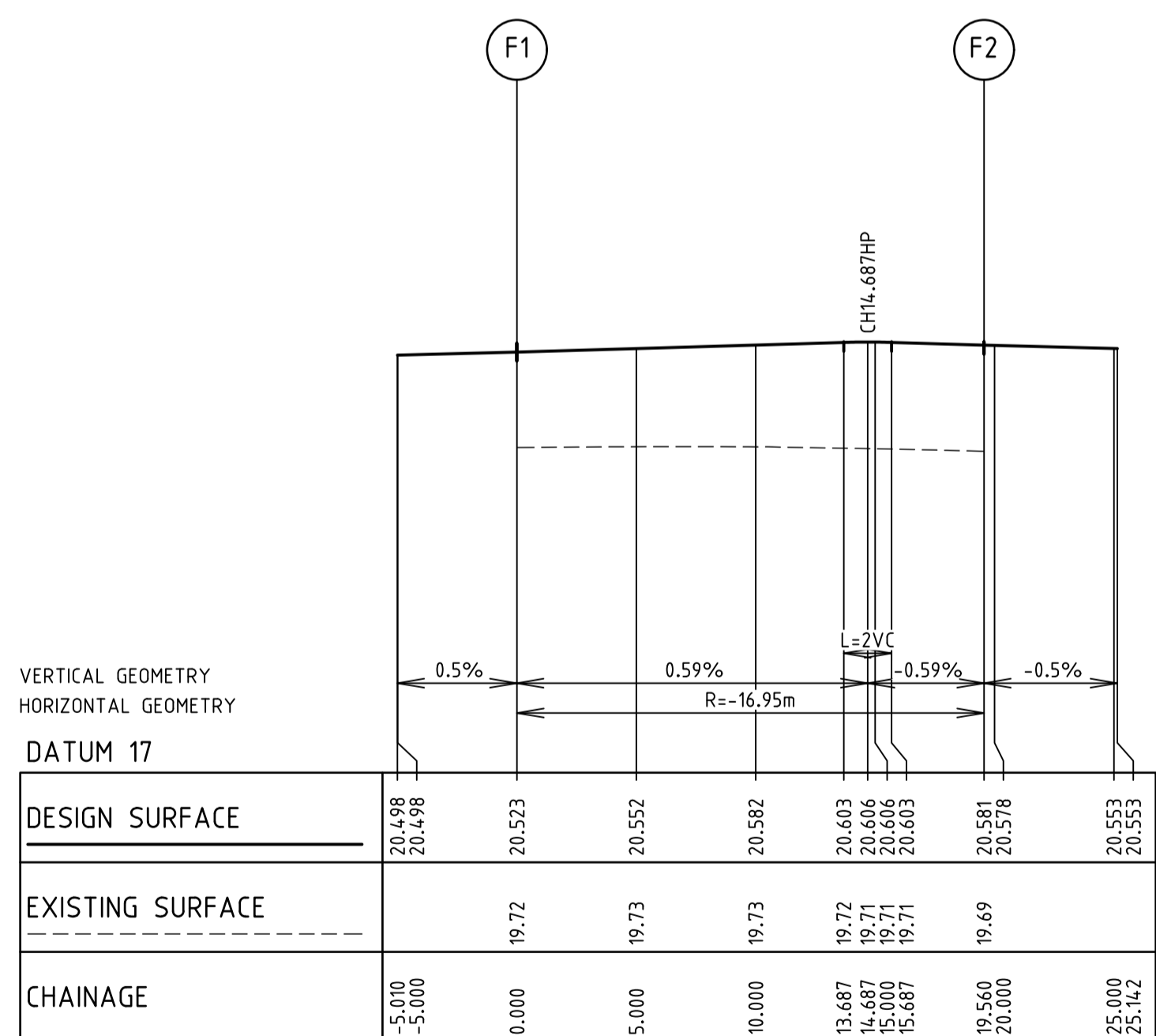
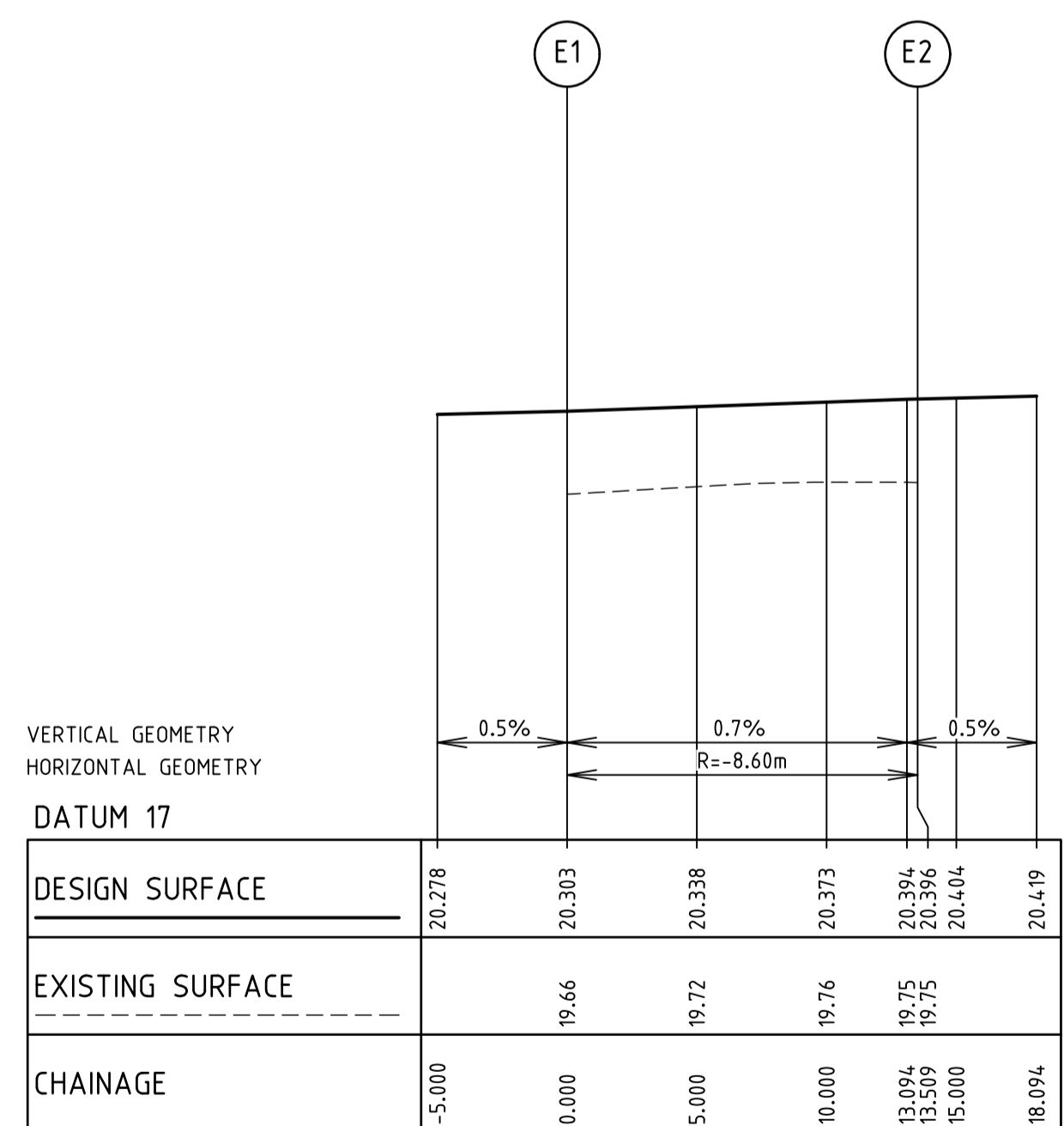
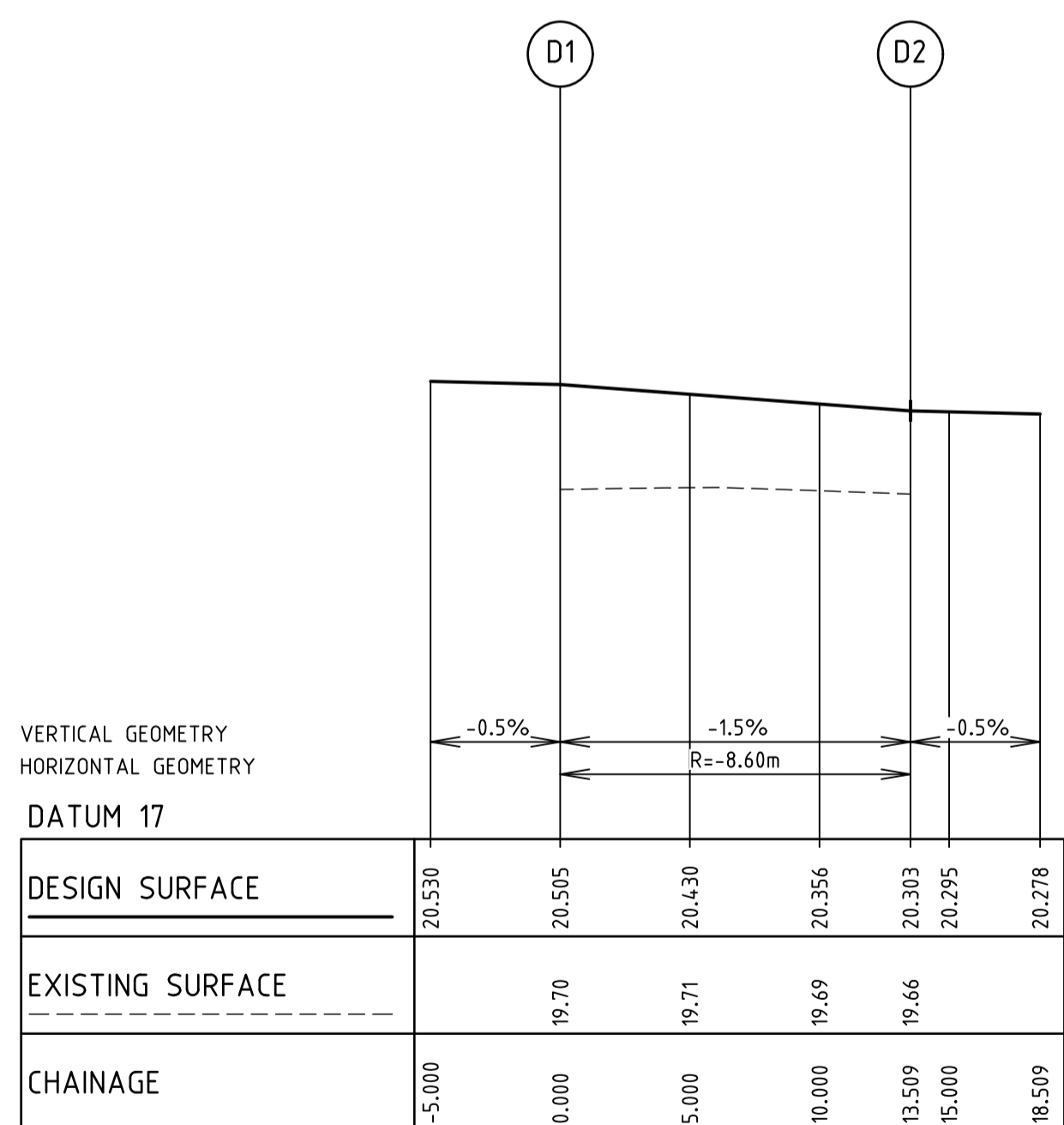
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WARNING!
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DANGER!
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NOT TO BE USED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	AMEND	APPD
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL

Drawn: R.GUTIERREZ
Date: 14/09/22
AN: 3401095
Designed: P.NICHOLSON
Date: 13/09/22
AN: 3791018
Checked: S.RAJKOVIC
Date: 21/09/22
AN: 2951057
Approved: AN
Date: 14/09/22
AN: 3791018
APPD: AN

LEGEND

- SEWER MAIN & MANHOLE
- SW DRAIN & PIT
- HOUSE DRAIN PROP. INLET
- FINISHED SURFACE LEVEL
- EX. SURFACE LEVEL
- TOP OF BATTER LEVEL
- TOE OF BATTER LEVEL
- SIGNAGE
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- EX. COMM. CABLE & PIT
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- TELECOMMUNICATIONS
- GAS
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- ASPHALT PAVEMENT
- CONCRETE PATH | D'WAY
- CONCRETE SHARED PATH

Coords: MGA Levels: AHD
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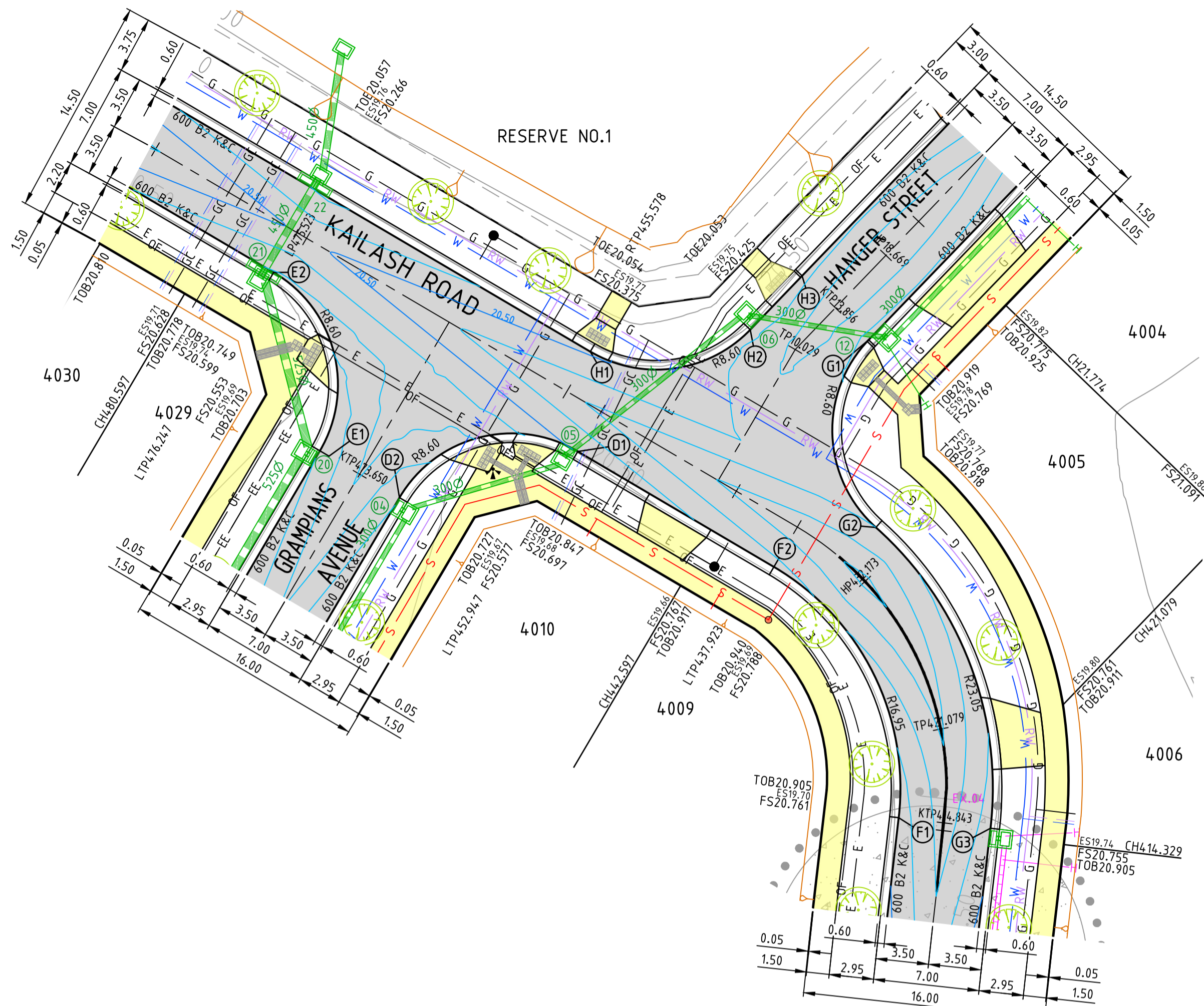
DEVELOPMENT VICTORIA
Scale @ A1/A3 1:250 / 1:500

RIVERWALK STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
INTERSECTION DETAILS
SHEET 02 OF 05
Drawing No. 10940ID02
Sheet No. 08 of 40

DALTON CONSULTING ENGINEERS
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T +61 3 5246 1700
T +61 7 3374 9000
E info@dceng.com.au

PRELIMINARY

Drawing File: C:\124_Synergy\deltaelta\ENERGY-ME\10940-Interwork - Stage 40_2408\3_Design\1_ACOV\4-01\10940ID02.dwg - 002
Date/Time: Wed Nov 30, 2022 - 4:35pm - P:\atkins



ALIGNMENT G

POINT NO	EASTING	NORTHING	RL
G1	293226.991	5801606.239	20.534
G2	293227.466	5801593.853	20.600
G3	293235.031	5801573.992	20.523

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
G1 - G2	92.213	8.600	13.841	2.637	1.951	3.368	2.830	3.460	20.567
G2 - G3	54.906	23.050	22.088	2.596	1.937	5.469	5.157	5.522	20.578

ALIGNMENT H

POINT NO	EASTING	NORTHING	RL
H1	293208.611	5801605.462	20.492
H2	293219.169	5801606.910	20.520
H3	293222.596	5801610.469	20.534

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
H1 - H2	76.573	8.600	11.493	1.850	1.374	2.820	2.508	2.873	20.521

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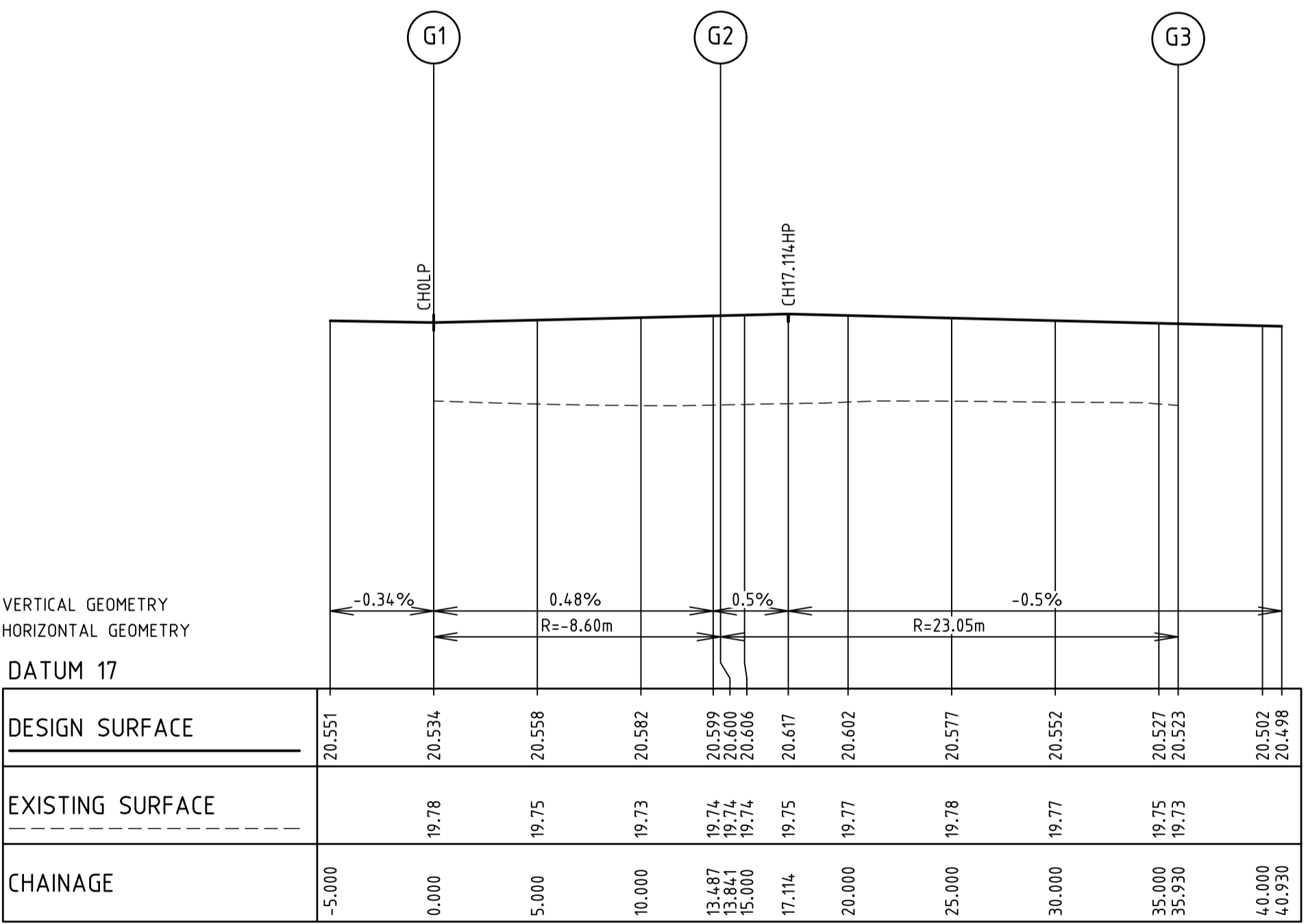
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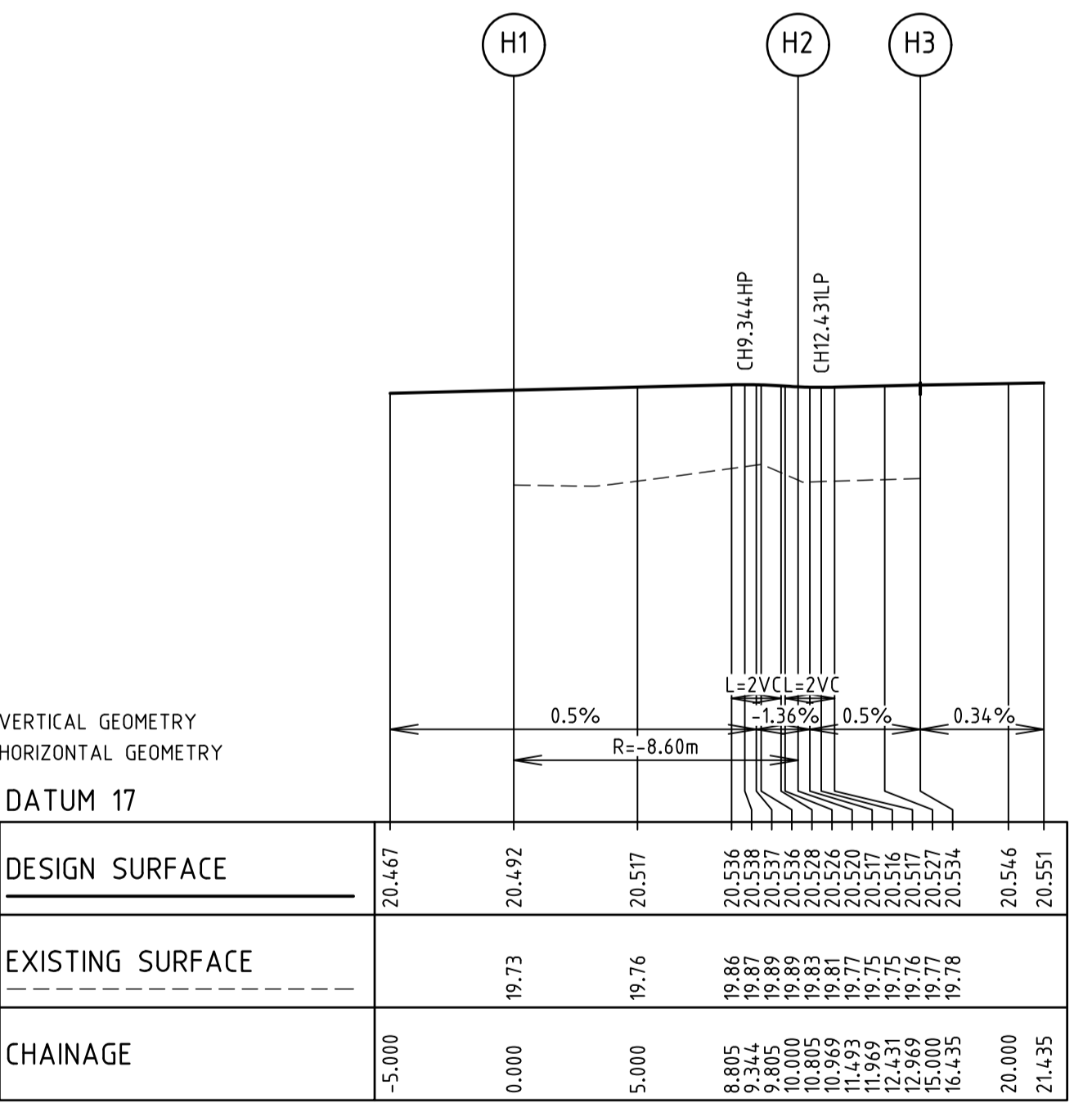
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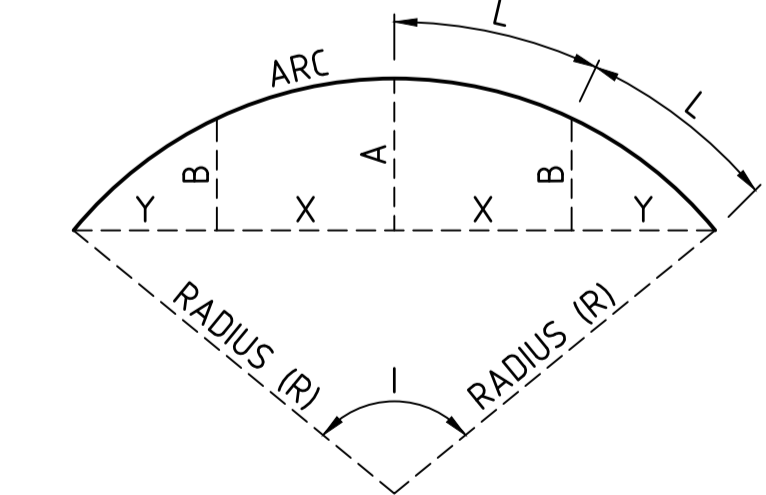
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LIP PROFILE G



LIP PROFILE H



LIP SETOUT DETAIL
NOT TO SCALE

NOT TO BE USED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	AMEND	APPD
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
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Designed: P.NICHOLSON
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Checked: S.RAJKOVIC
Date: 21/09/22
AN: 2951057

LEGEND

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- CONCRETE PATH / D'WAY
- CONCRETE SHARED PATH

Coords: MGA Levels: AHD

DEVELOPMENT VICTORIA

Scale @ A1/A3: 1:250/500 V1:50/100

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RIVERWALK STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
INTERSECTION DETAILS
SHEET 03 OF 05
Drawing No. 10940ID03
Sheet No. 09 of 40

DALTON CONSULTING ENGINEERS
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T +61 7 3374 9000
E info@dceng.com.au

PRELIMINARY

Drawing File: C:\124_Synergy\deltaelta\ENERGY-ME\10940-Interwalk - Stage 40_2408\3_Design\1_ACOA\4-REV\10940ID03.dwg - 1003 Date/Time: Wed Nov 30, 2022 - 4:35pm - Print/Plot



ALIGNMENT I

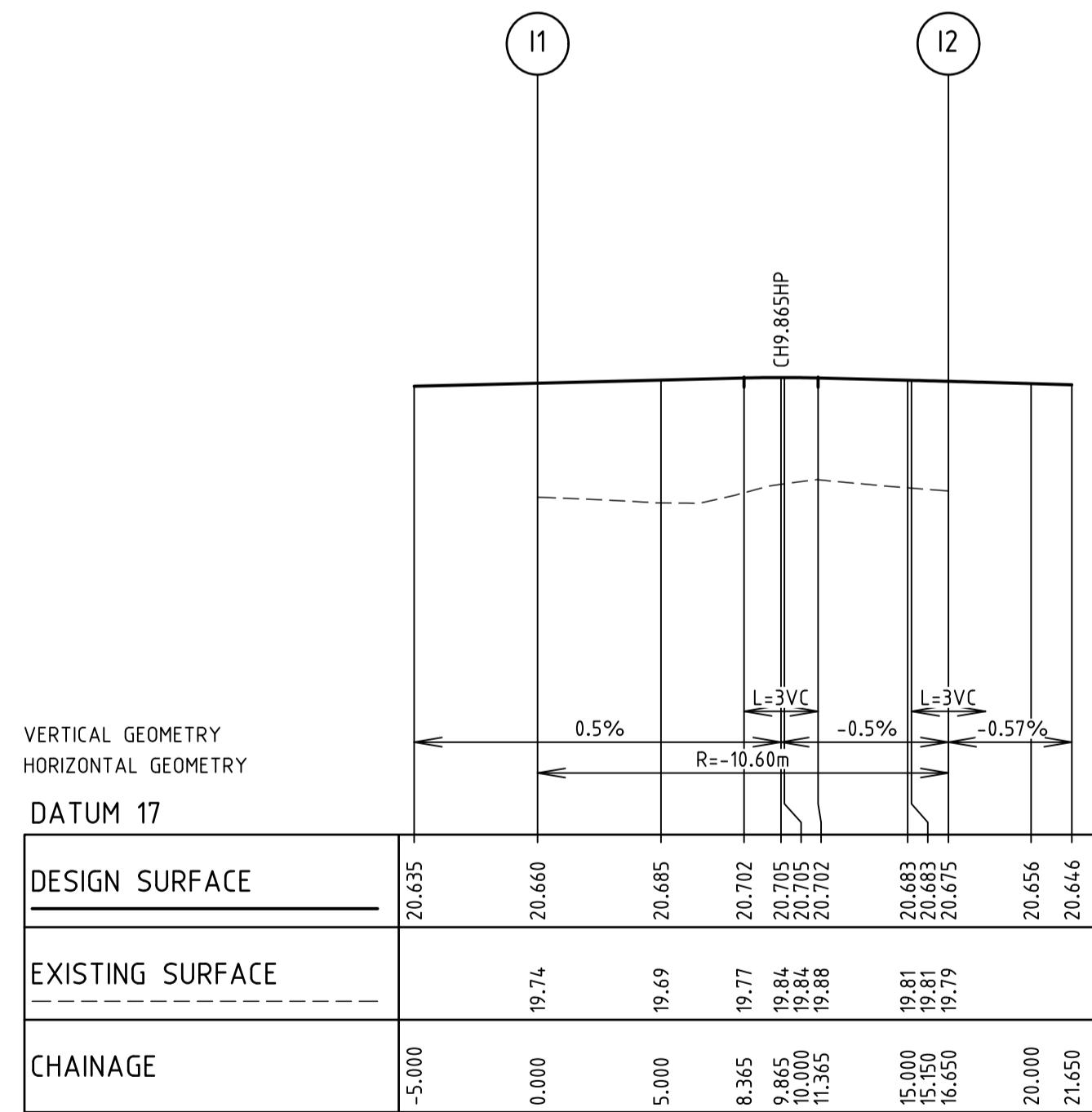
POINT NO	EASTING	NORTHING	RL
I1	293142.288	5801637.422	20.660
I2	293127.777	5801633.664	20.675

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
I1 - I2	90.000	10.600	16.650	3.105	2.298	4.056	3.439	4.163	20.701

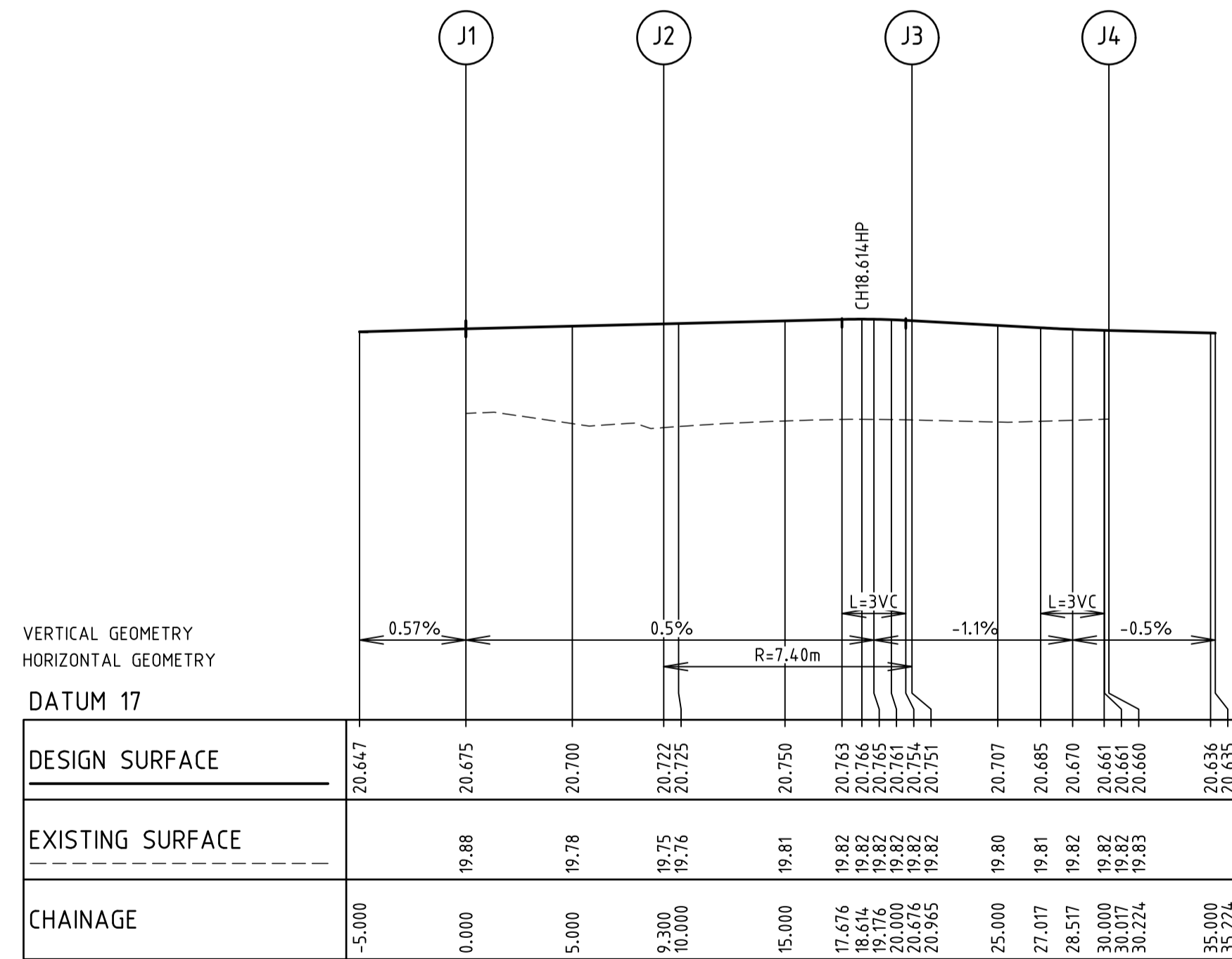
ALIGNMENT J

POINT NO	EASTING	NORTHING	RL
J1	293122.520	5801636.758	20.675
J2	293127.237	5801644.773	20.722
J3	293137.404	5801647.375	20.751
J4	293145.383	5801642.679	20.660

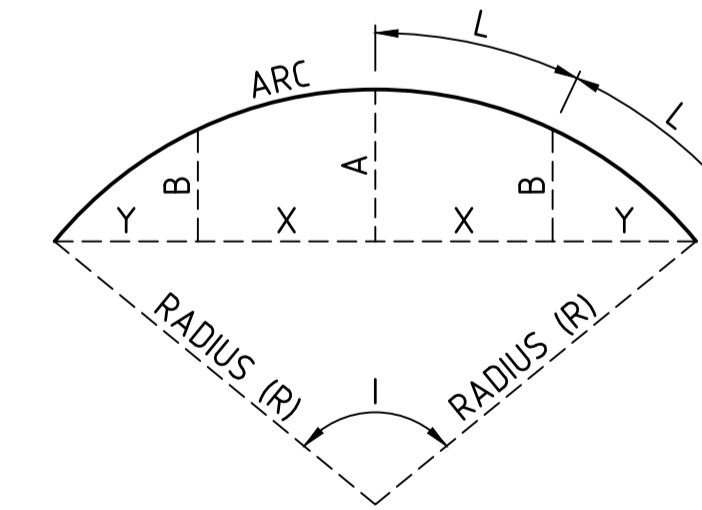
CURVE NO	J	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
J2 - J3	90.321	7.400	11.665	2.182	1.615	2.841	2.406	2.916	20.751



LIP PROFILE I



LIP PROFILE J



LIP SETOUT DETAIL
NOT TO SCALE

NOTE: END OF PAVEMENT WORKS
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Date 14/09/22
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AN
© Dalton Consulting Engineers Pty Ltd

LEGEND

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- FINISHED SURFACE LEVEL
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DEVELOPMENT VICTORIA

Coords: MGA Levels: AHD

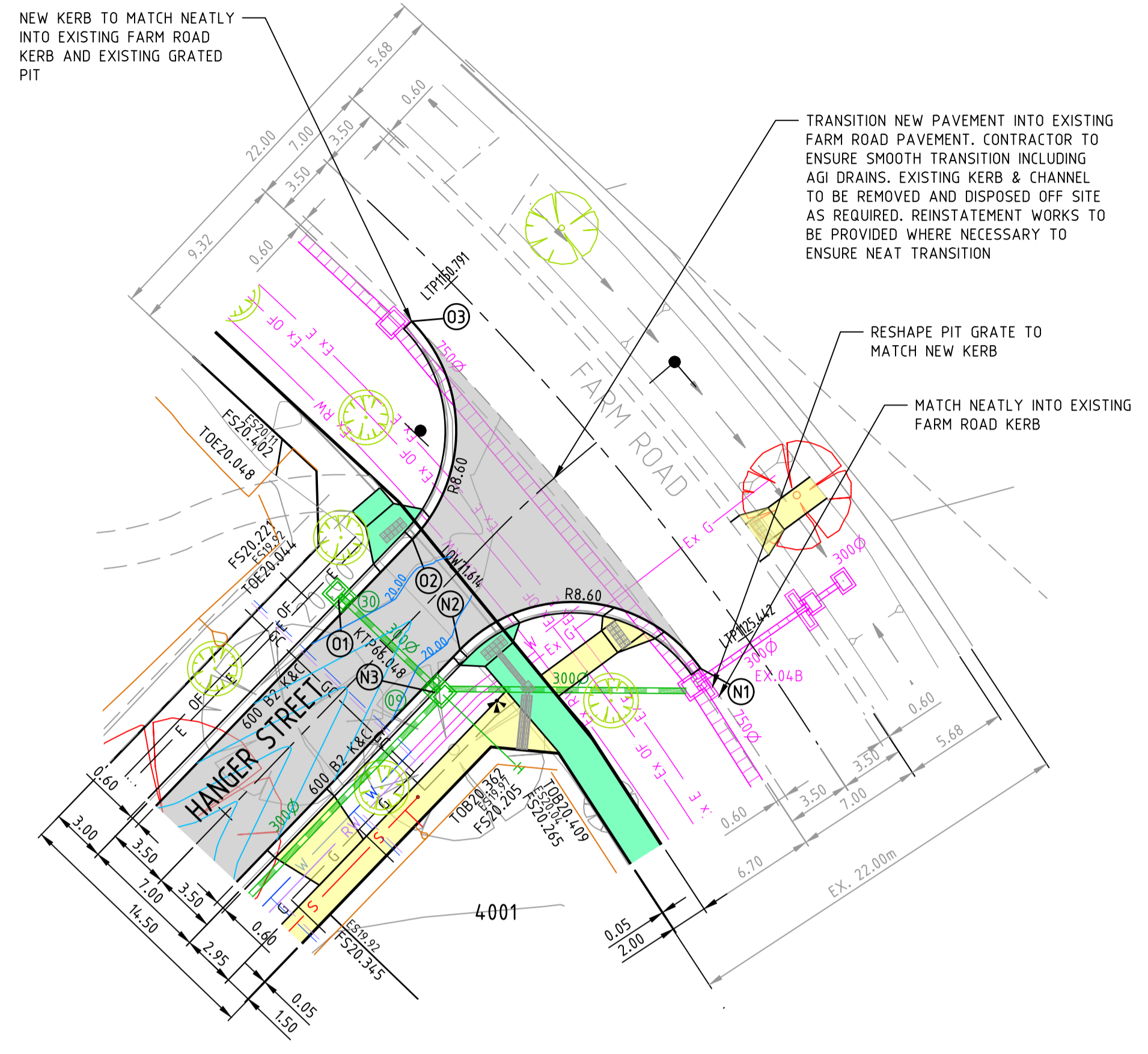
BEFORE YOU DIG
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Scale @ A1/A3
H1:250/500 V1:50/100

RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
INTERSECTION DETAILS
SHEET 04 OF 05
Drawing No. 10940ID04
Sheet No. 10 of 40

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T +61 3 9813 7400
T +61 3 5246 1700
T +61 7 3374 9000
E info@dceng.com.au

PRELIMINARY



ALIGNMENT N

POINT NO	EASTING	NORTHING	RL
N1	293278.258	5801644.742	19.910
N2	293265.030	5801645.756	19.983
N3	293263.186	5801643.841	19.970

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
N1 - N2	100.943	8.600	15.151	3.126	2.306	3.667	2.967	3.788	19.948

ALIGNMENT O

POINT NO	EASTING	NORTHING	RL
O1	293258.792	5801648.071	19.970
O2	293262.424	5801651.845	19.980
O3	293262.373	5801663.826	20.036

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
O2 - O3	88.308	8.600	13.255	2.430	1.799	3.232	2.758	3.314	20.013

NOTE: END OF PAVEMENT WORKS
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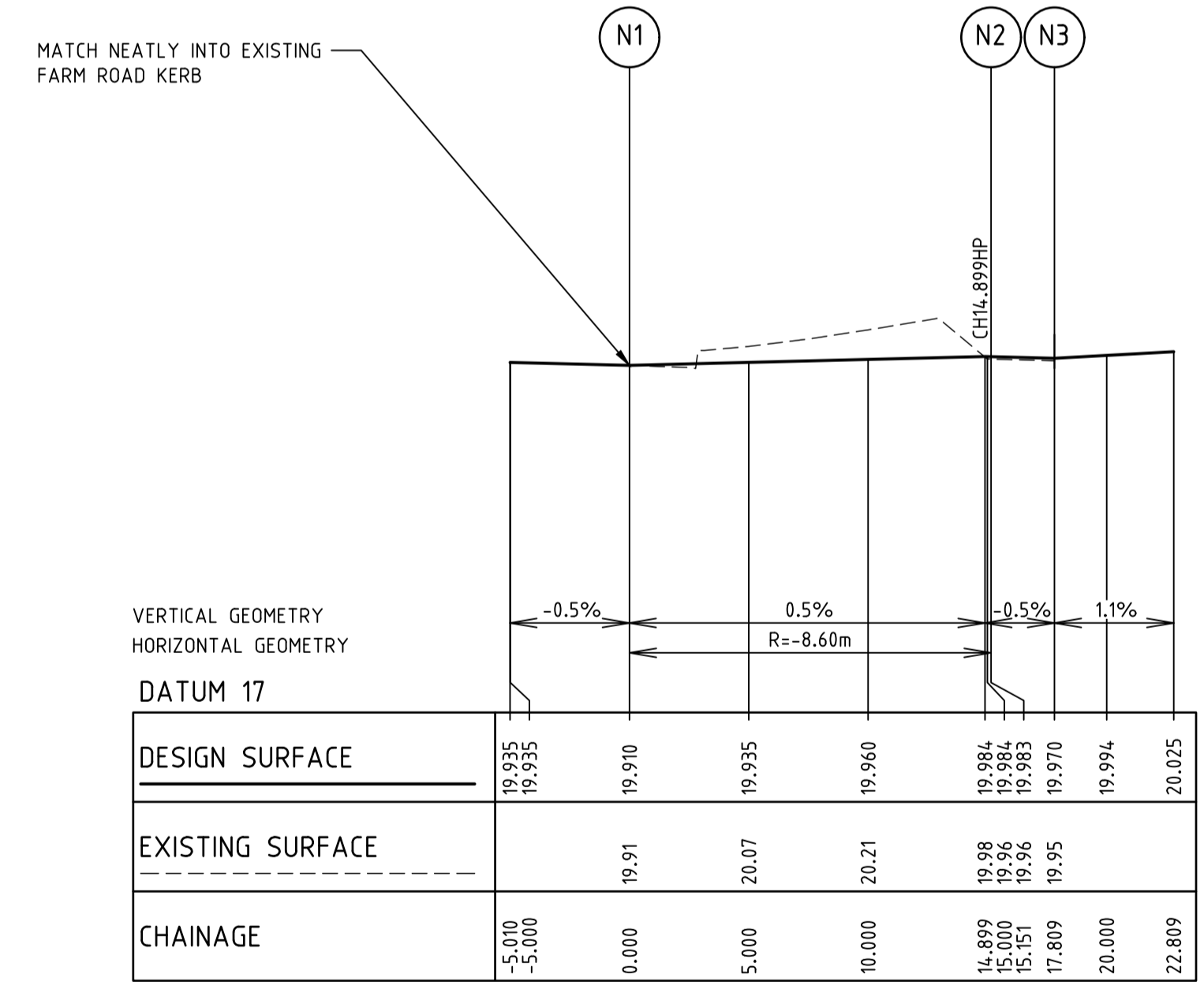
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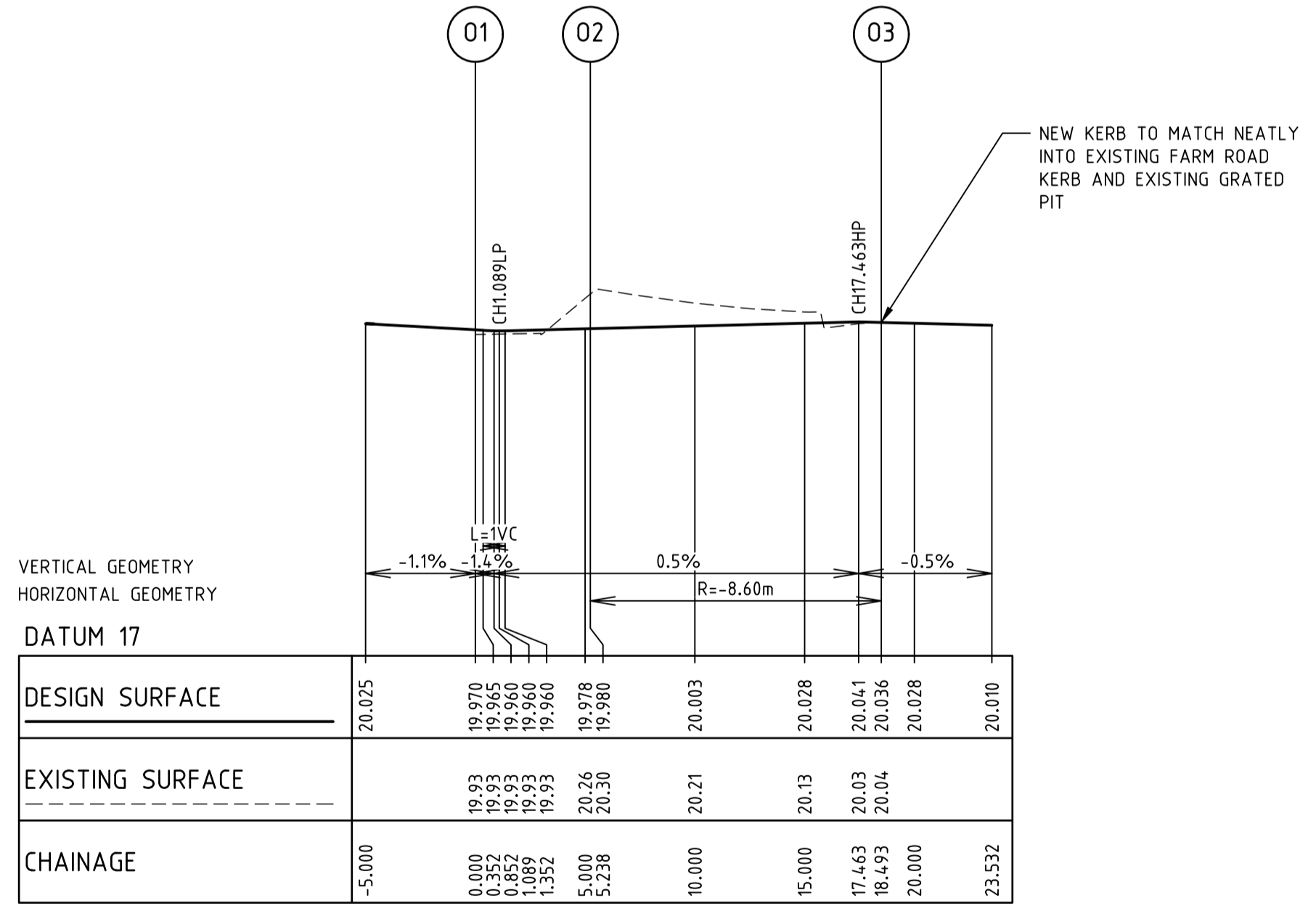
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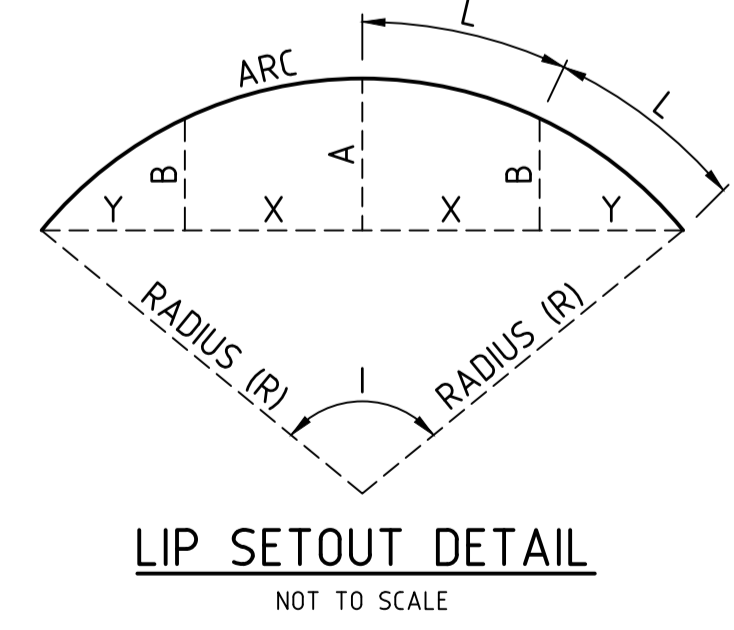
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LIP PROFILE N



LIP PROFILE O



LIP SETOUT DETAIL
NOT TO SCALE

NOT TO BE USED FOR CONSTRUCTION

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- EXISTING SURFACE
- FILLING OVER 300mm
- ASPHALT PAVEMENT
- CONCRETE PATH/D'WAY
- CONCRETE SHARED PATH

Coords: MGA Levels: AHD

DEVELOPMENT VICTORIA

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Scale @ A1/A3: 0m, 2.5m, 5m, 10m, 15m
Scale @ H1:250/500 V1:50/100

RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
INTERSECTION DETAILS
SHEET 05 OF 05
Drawing No. 10940ID05
Sheet No. 11 of 40

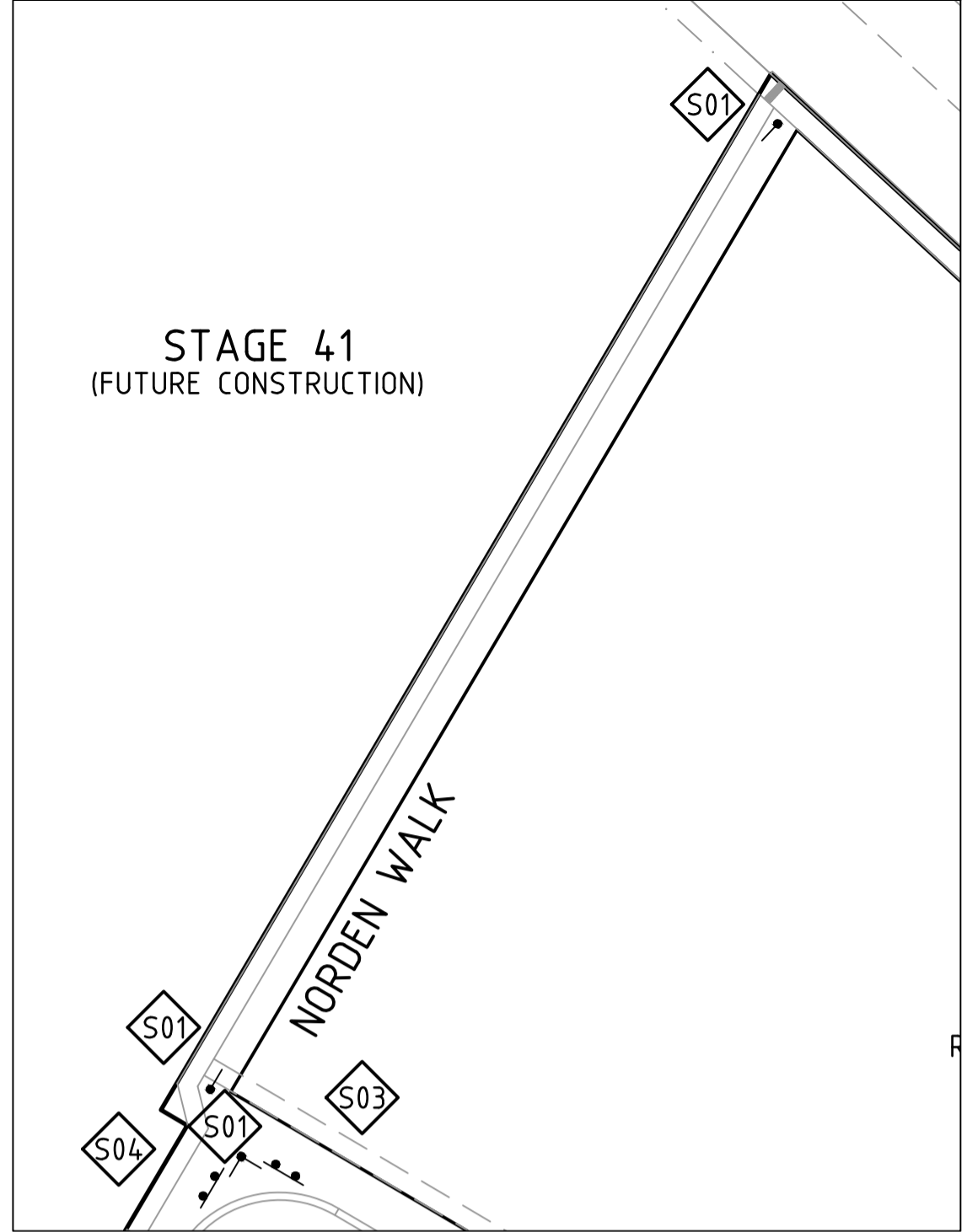
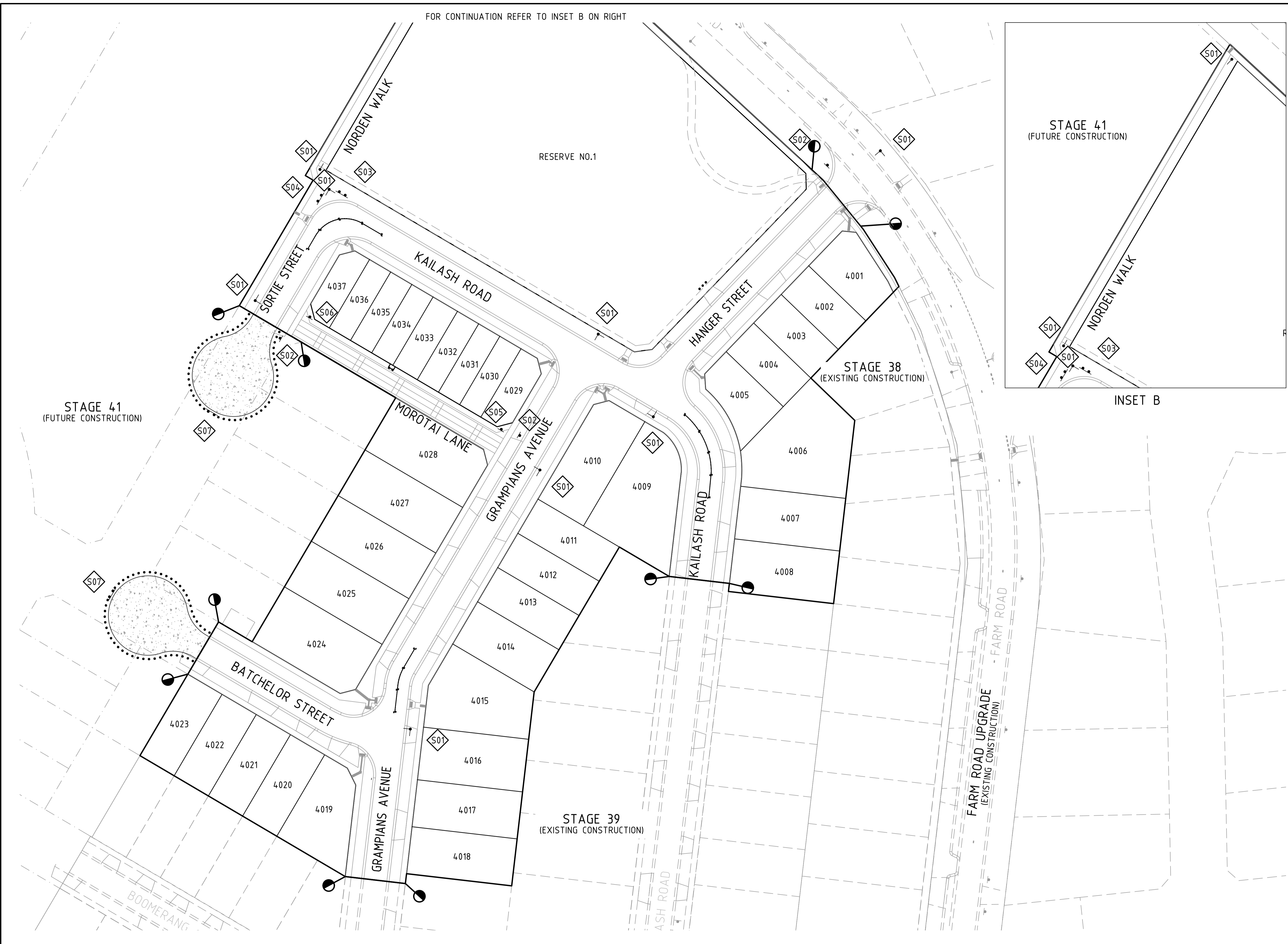
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FOR CONTINUATION REFER TO INSET B ON RIGHT



SIGN SCHEDULE	
SIGN	REF
	S01
STREET NAME SIGN	
	S02
R1-2	
	S03
D4-1-1R	
	S04
D4-1-1L	
	S05
	S06
	S07
G9-20 & D4-5	

- NOTES: LINEMARKING**
- ALL WORKS TO BE IN ACCORDANCE WITH AS1742. ALL LINEMARKING AND SIGNAGE TO BE IN ACCORDANCE WITH VICROADS LINEMARKING AND TRAFFIC MANUALS.
 - LINEMARKING SET-OUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.
 - ALL LINEMARKING - REFER TO GENERAL NOTE No.29.
 - ANY OBSOLETE LINEMARKING IS TO BE REMOVED BY GRINDING, STRIPPING OR THE APPLICATION OF BITUMEN BINDER AND GRIT PRIOR TO "NEW" LINEMARKING BEING PLACED.
 - ALL RADII ARE TO LIP OF CHANNEL OR LINE OF KERB. ALL LANE WIDTHS ARE TO LIP OF KERB & CHANNEL.
 - RRPM'S TO BE PROVIDED IN ACCORDANCE WITH AS1742.

NOT TO BE USED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	AMEND	APP'D
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN

- LEGEND**
- 300mm WIDE GIVE WAY HOLDING LINE
 - 150mm WIDE CONTINUITY LINE
 - 100mm WIDE BARRIER LINE
 - RRPM'S (SPACED AT 6m c/c UNLESS NOTED OTHERWISE)
 - DENOTES TACTILE GROUND INDICATORS IN ACCORDANCE WITH AS. 1428
 - STREET SIGN REFERENCE
 - STREET NAME SIGNAGE
 - OTHER SIGNAGE

Coords: MGA Levels: AHD

Scale @ A1/A3 1:500 / 1:1000

RIVERWALK STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 SIGNAGE AND LINEMARKING PLAN

Drawing No. 10940LM01 Rev D
 Sheet No. 12 of 40

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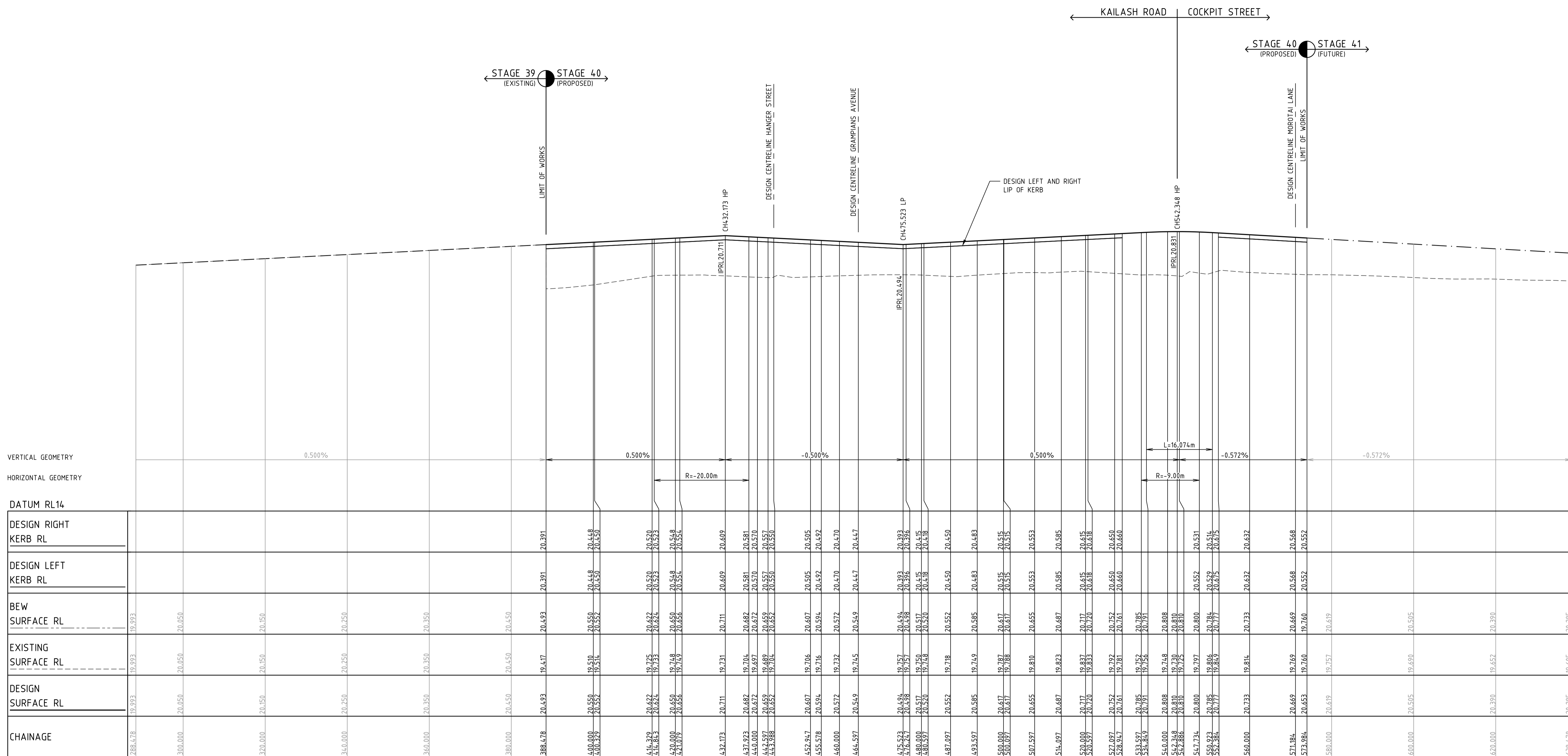
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Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.
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NOTE: BULK EARTHWORKS (BEW)
 FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)

NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



LONGITUDINAL SECTION KAILASH ROAD / SORTIE STREET DESIGN LINE

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 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date 14/09/22
 PN/NR TL
 AN
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LEGEND

- EXISTING SURFACE
- FINISHED SURFACE
- FIN. SUR. (FUTURE STG.)
- FIN. SUR. (PREVIOUS STG.)
- BEW SURFACE
- LEFT LIP OF KERB
- RIGHT LIP OF KERB

Drawing File: C:\12a_Synergy\deltaelta\ENERGY-ME\10940-Itemwork - Stage 40_2408\3_Design\1_A040\4-RO\10940LS01.dwg - 1301
 Date/Time: Wed Nov 30, 2022 - 4:36pm - P:\atalk--

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Coords: MGA Levels: AHD
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 V 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 H1:500/1000 V1:50/100

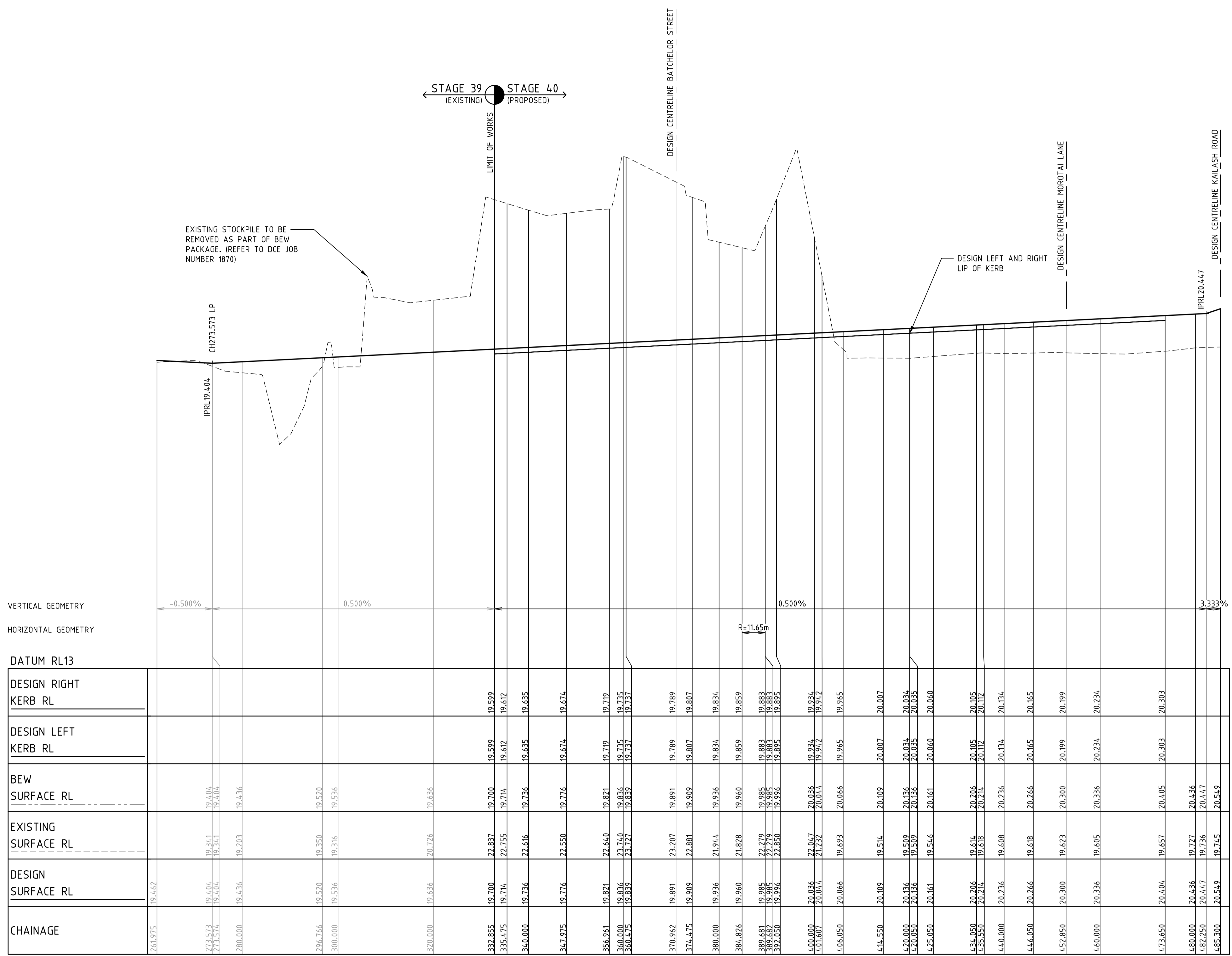
RIVERWALK
STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 ROAD LONGITUDINAL SECTIONS
 SHEET 01 OF 04
 Drawing No. 10940LS01 Rev D
 Sheet No. 13 of 40

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NOTE: BULK EARTHWORKS (BEW)
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NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



LONGITUDINAL SECTION GRAMPIANS AVENUE DESIGN LINE

Drawing File: C:\Users\Symon\OneDrive\Documents\10940-Itemwork - Stage 40_2408\3 Design\1_A040\4-07\10940LS01.dwg - 1302
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 AN 2951057
 Approved
 Date 14/09/22
 PN/NR TL
 AN
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LEGEND

- EXISTING SURFACE
- FINISHED SURFACE
- . - . FIN. SUR. (FUTURE STG.)
- - - FIN. SUR. (PREVIOUS STG.)
- - - BEW SURFACE
- LEFT LIP OF KERB
- RIGHT LIP OF KERB

REV	DESCRIPTION	DATE	AMEND	APP'D
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL



Coords: MGA Levels: AHD
 H 0m 5m 10m 20m 30m
 V 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 H1:500/1000 V1:50/100

RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
ROAD LONGITUDINAL SECTIONS
SHEET 02 OF 04
Drawing No. 10940LS02
 Sheet No. 14 of 40

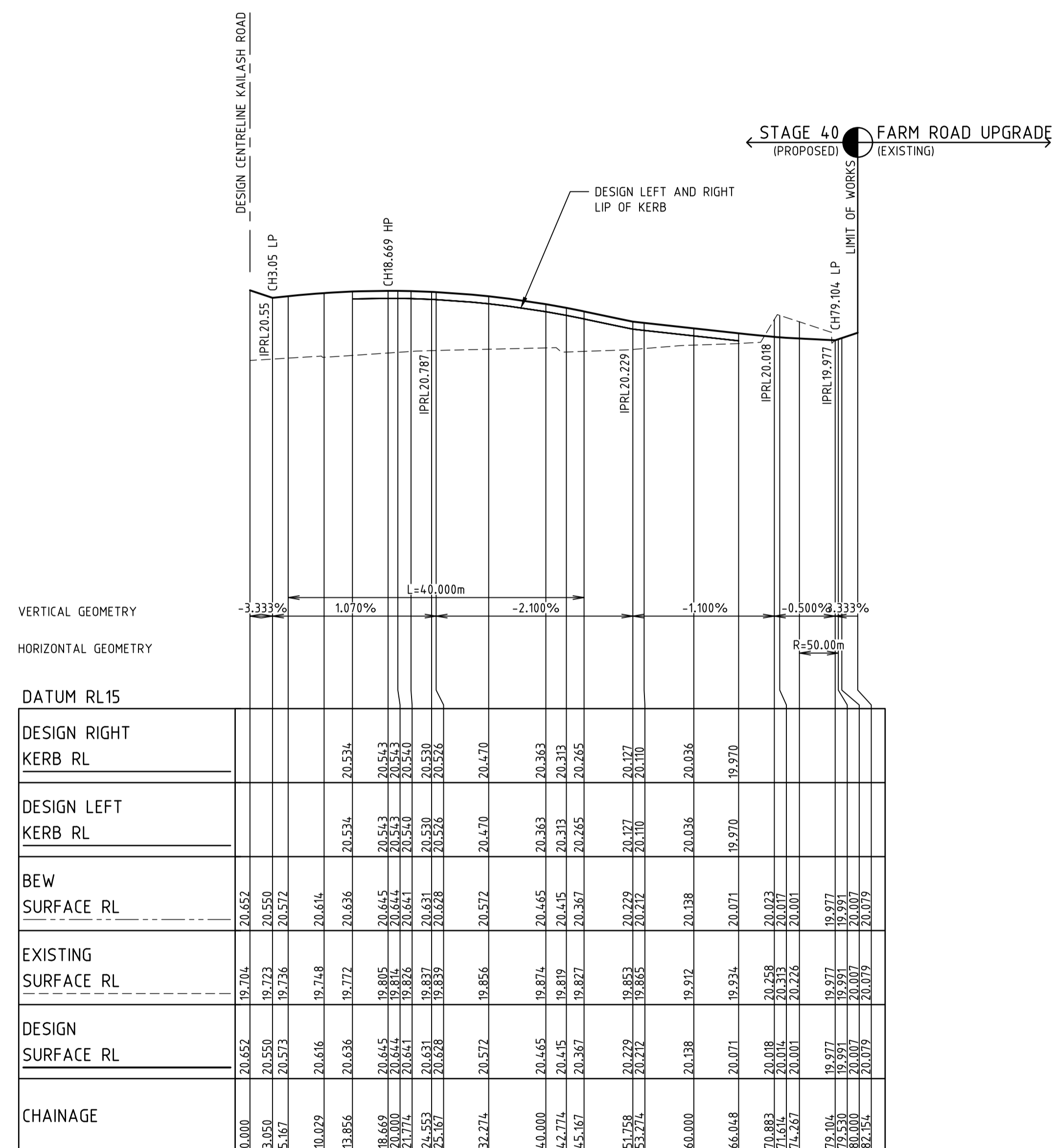
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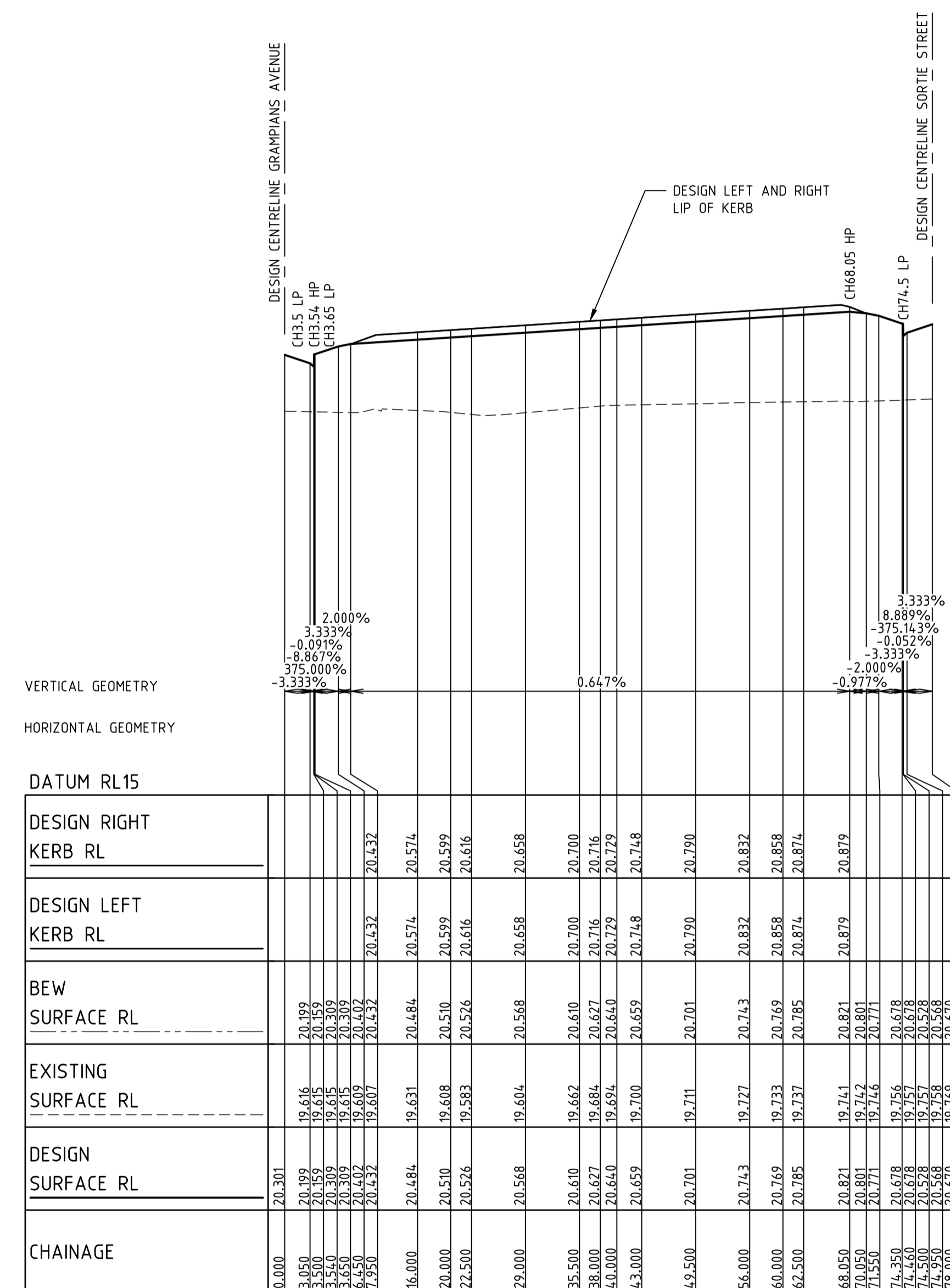
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NOTE: BULK EARTHWORKS (BEW)
 FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)

NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



LONGITUDINAL SECTION HANGER STREET DESIGN LINE



LONGITUDINAL SECTION MOROTAI LANE DESIGN LINE

Drawing File: C:\124_Synergy\delta\delta\ENERGY-ME\10940-Riverwalk - Stage 40_2408\3_Design\1_A040\4-RD\10940LSD01.dwg - 1303
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D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
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 Designed P.NICHOLSON
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 Approved
 Date
 AN

- LEGEND**
- EXISTING SURFACE
 - FINISHED SURFACE
 - FIN. SUR. (FUTURE STG.)
 - FIN. SUR. (PREVIOUS STG.)
 - BEW SURFACE
 - LEFT LIP OF KERB
 - RIGHT LIP OF KERB

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.
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Coords: MGA Levels: AHD
 H 0m 5m 10m 20m 30m
 V 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 H1:500/1000 V1:50/100

RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
ROAD LONGITUDINAL SECTIONS
SHEET 03 OF 04
Drawing No. 10940LS03
 Sheet No. 15 of 40

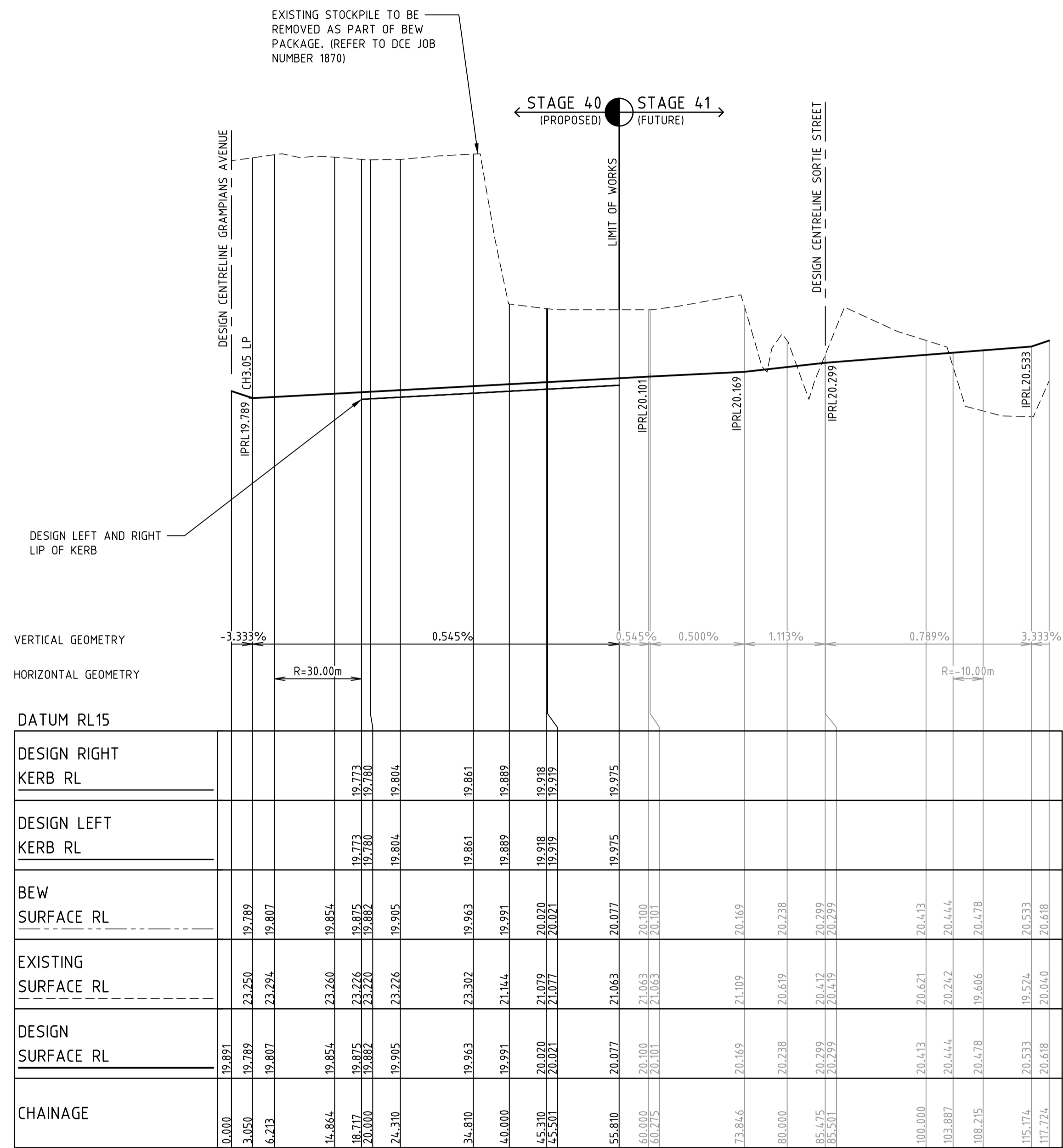
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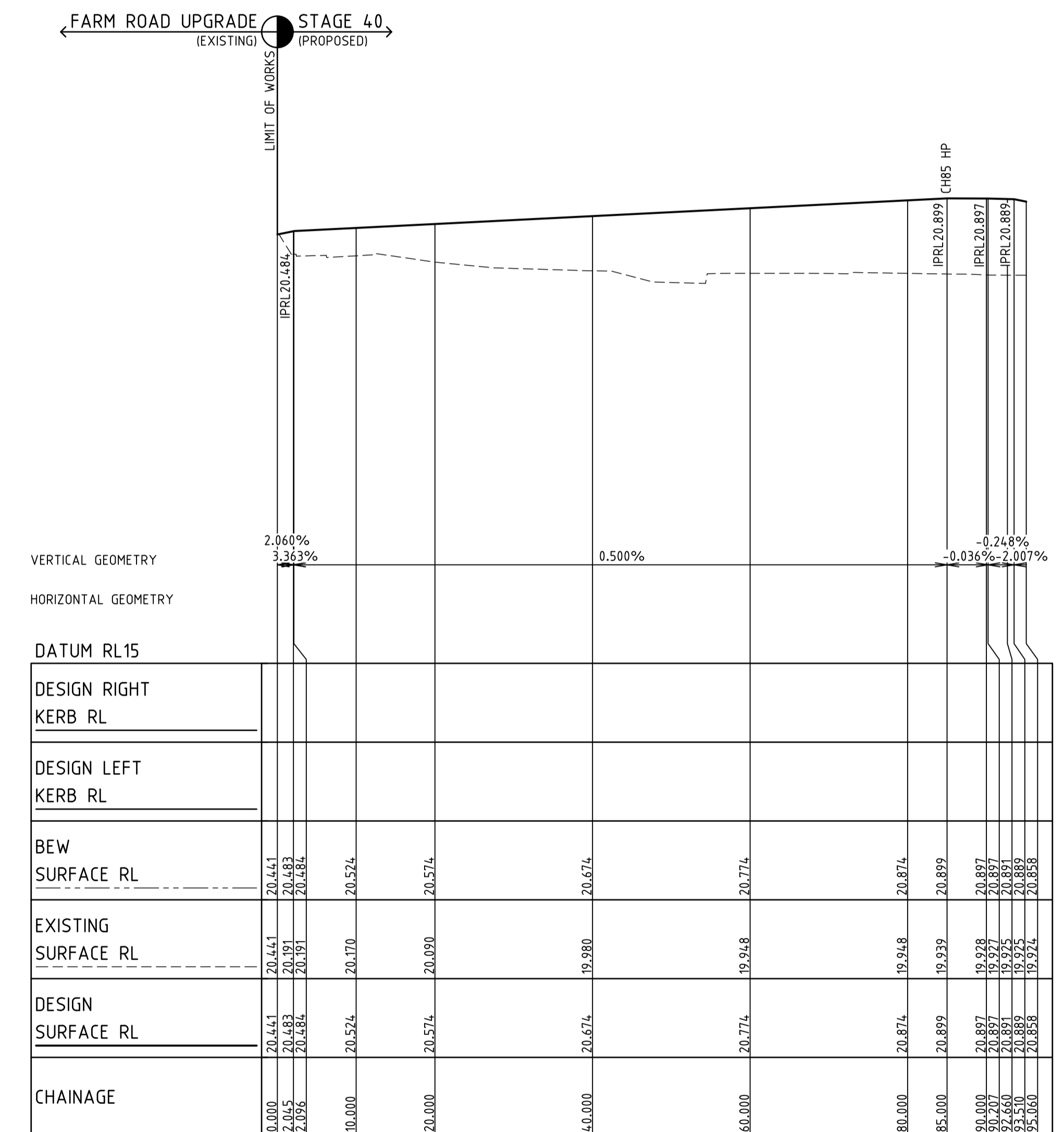
PRELIMINARY

NOTE: BULK EARTHWORKS (BEW)
 FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)

NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



LONGITUDINAL SECTION BATCHELOR STREET DESIGN LINE



LONGITUDINAL SECTION NORDEN WALK DESIGN LINE

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 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN

LEGEND
 - - - - - EXISTING SURFACE
 ——— FINISHED SURFACE
 - . - . - FIN. SUR. (FUTURE STG.)
 - - - - - FIN. SUR. (PREVIOUS STG.)
 - - - - - BEW SURFACE
 ——— LEFT LIP OF KERB
 ——— RIGHT LIP OF KERB

Drawing File: C:\124_Synergy\deltaelta\ENERGY-ME\10940-Nierwalk - Stage 40_2408\3_Design\1_A040\4_B01\10940LS01.dwg - 1304
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Coords: MGA Levels: AHD
 H 0m 5m 10m 20m 30m
 V 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 H1:500/1000 V1:50/100

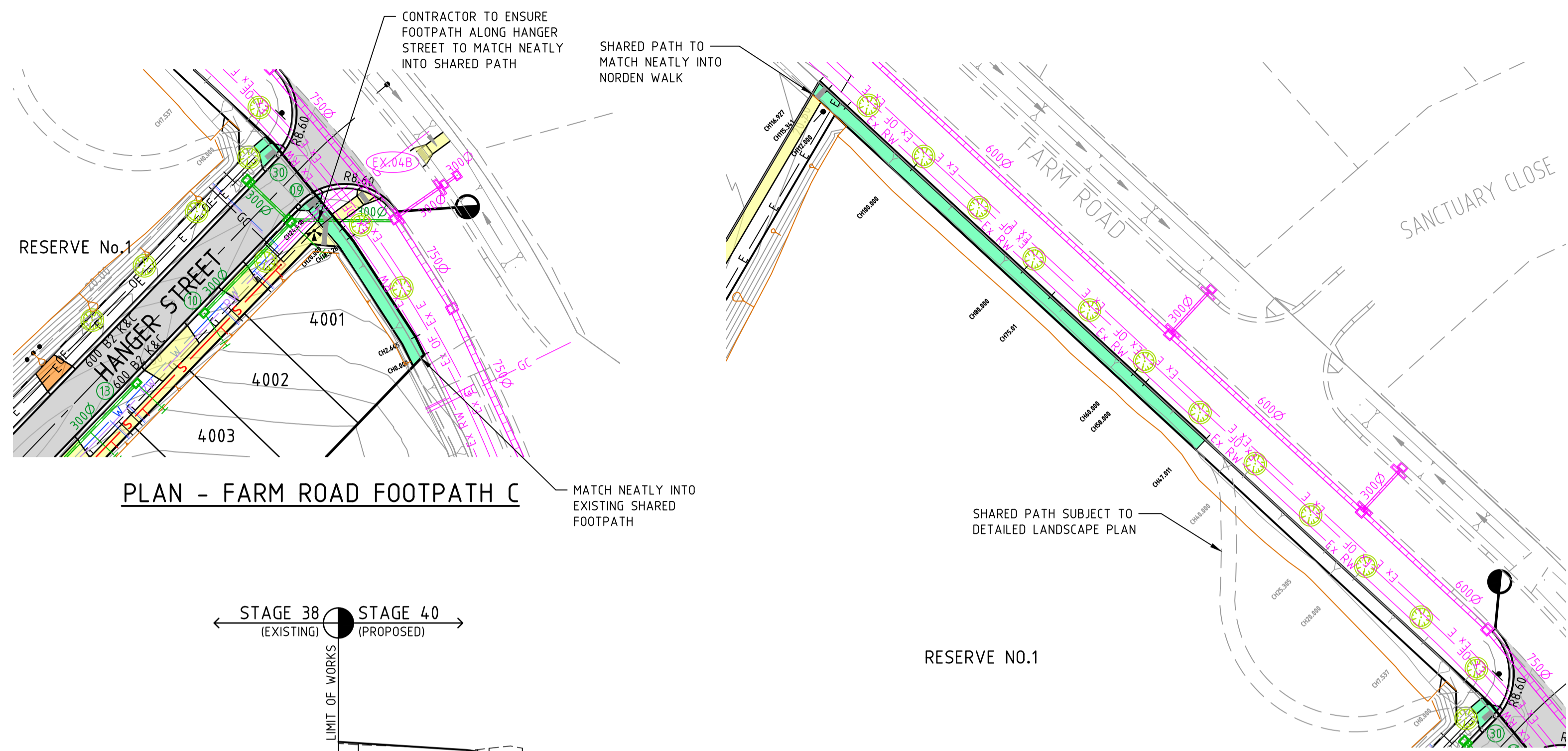
RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
ROAD LONGITUDINAL SECTIONS
SHEET 04 OF 04
Drawing No. 10940LS04
 Sheet No. 16 of 40

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WARNING!
 THE LOCATION OF EXISTING SERVICES SHOWN ON THESE PLANS MUST BE PROVEN ON SITE, THE APPROPRIATE AUTHORITY MUST BE CONTACTED AND THE SERVICES LOCATED PRIOR TO COMMENCEMENT OF ANY WORKS.



PLAN - FARM ROAD FOOTPATH C

PLAN - FARM ROAD FOOTPATH E

STAGE 38 (EXISTING) STAGE 40 (PROPOSED)
 LIMIT OF WORKS

VERTICAL GEOMETRY

HORIZONTAL GEOMETRY

DATUM RL15

BEW SURFACE RL	20.342	20.325	20.232	20.188	20.122
EXISTING SURFACE RL	20.302	20.232	20.232	20.232	20.232
DESIGN SURFACE RL	20.342	20.325	20.232	20.188	20.122
CHAINAGE	0.000	2.645	17.072	18.428	24.418

LONGITUDINAL SECTION FARM ROAD FOOTPATH C FRONT OF SHARED PATH DESIGN LINE

HORIZONTAL ALIGNMENT REPORT FOR FARM ROAD FOOTPATH C FRONT OF SHARED PATH

POINT TYPE	CHAINAGE	X	COORDINATES Y	Z	BEARING DEG MIN SEC	RADIUS
INTERSECTION POINT	0.000	293281.811	5801625.771	20.342	333°43'53.47"	
CURVE-TANGENT	2.645	293280.641	5801628.142	20.325	327°00'53.47"	
VC INTERSECTION POINT	17.072	293272.786	5801640.244	20.232	327°00'53.47"	
CURVE-TANGENT	18.428	293272.048	5801641.382	20.245	313°54'30.51"	
STRAIGHT	20.000	293270.916	5801642.472	20.259	313°54'30.51"	
VC INTERSECTION POINT	22.915	293268.816	5801644.493	20.286	313°54'30.51"	
INTERSECTION POINT	24.418	293267.733	5801645.535	20.122	313°54'30.51"	

VERTICAL GEOMETRY

HORIZONTAL GEOMETRY

DATUM RL15

BEW SURFACE RL	20.360	20.377	20.357	20.353	20.291	20.264	20.315	20.291	20.256	20.202	20.192	20.267	20.292	20.392	20.452	20.441	20.433
EXISTING SURFACE RL	20.363	20.377	20.357	20.354	20.291	20.264	20.315	20.291	20.256	20.202	20.192	20.267	20.292	20.392	20.452	20.441	20.433
DESIGN SURFACE RL	20.360	20.377	20.357	20.353	20.291	20.264	20.315	20.291	20.256	20.202	20.192	20.267	20.292	20.392	20.452	20.441	20.433
CHAINAGE	0.000	2.041	6.756	7.537	20.000	25.305	35.369	40.000	47.011	56.000	60.000	68.000	80.000	100.000	112.000	116.927	118.927

LONGITUDINAL SECTION FARM ROAD FOOTPATH E FRONT OF SHARED PATH DESIGN LINE

HORIZONTAL ALIGNMENT REPORT FOR FARM ROAD FOOTPATH E FRONT OF SHARED PATH

POINT TYPE	CHAINAGE	X	COORDINATES Y	Z	BEARING DEG MIN SEC	RADIUS
STRAIGHT	0.000	293258.535	5801657.110	20.360	312°46'53.00"	
VC INTERSECTION POINT	2.041	293257.037	5801658.497	20.377	312°46'53.00"	
VC INTERSECTION POINT	6.756	293253.577	5801661.699	20.357	312°46'53.00"	
STRAIGHT	20.000	293243.856	5801670.695	20.291	312°46'53.00"	
VC INTERSECTION POINT	25.305	293239.962	5801674.298	20.264	312°46'53.00"	
VC INTERSECTION POINT	35.369	293232.576	5801681.133	20.315	312°46'53.00"	
STRAIGHT	40.000	293229.177	5801684.279	20.291	312°46'53.00"	
STRAIGHT	60.000	293214.498	5801697.863	20.192	312°46'53.00"	
VC INTERSECTION POINT	60.005	293214.494	5801697.866	20.192	312°46'53.00"	
STRAIGHT	80.000	293199.819	5801711.447	20.292	312°46'53.00"	
STRAIGHT	100.000	293185.140	5801725.031	20.392	312°46'53.00"	
VC INTERSECTION POINT	112.574	293175.911	5801733.571	20.454	312°46'53.00"	
INTERSECTION POINT	116.927	293172.716	5801736.528	20.433	312°46'53.00"	

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 Designed P.NICHOLSON
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 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN
 REV DESCRIPTION DATE AMEND APPD

LEGEND

- EX WATER MAIN
- EX GAS MAIN
- EX ELECTRICAL CABLE
- EX SEWER MAIN & MH
- EX COMM. CABLE & PIT
- EX DRAIN & PIT
- SIGNAGE
- PSM | TBM
- ELECTRICITY
- TELECOMMUNICATIONS
- GAS
- WATER
- RECYCLED WATER
- DW/NDW/GAS CONDUITS
- SERVICE TO BE ABANDONED
- LIMIT OF WORKS
- SEWER MAIN & MANHOLE
- SW DRAIN & PIT
- HOUSE DRN | PROP. INLET
- BATTER
- FINISHED SURFACE LEVEL
- EX. SURFACE LEVEL
- TOP OF BATTER LEVEL
- REGRADE LOT (M:N 1:50)
- EX. TREE TO REMAIN
- EX. TREE TO BE REMOVED
- PREVIOUSLY REMOVED TREE
- FILLING OVER 300mm
- ASPHALT PAVEMENT
- CONCRETE PATH | D'WAY
- CONCRETE PARKING BAY
- TURN AREA

Coords: MGA Levels: AHD

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DEVELOPMENT VICTORIA

H 0m 5m 10m 20m 30m
 V 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 H1:500/1000 V1:50/100

RIVERWALK STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 FOOTPATH DETAIL
 SHEET 01 OF 02
 Drawing No. 10940FD01
 Sheet No. 17 of 40

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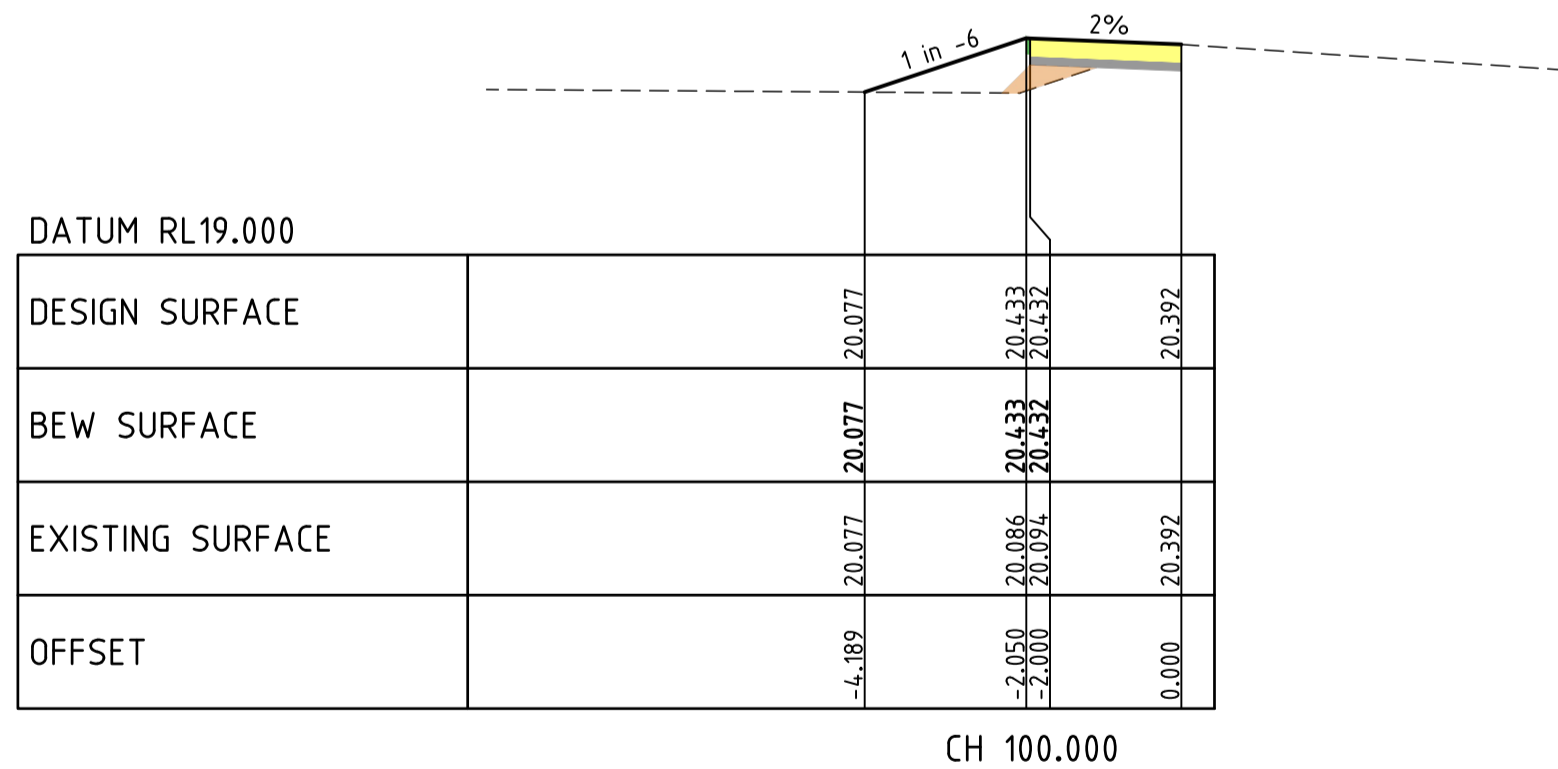
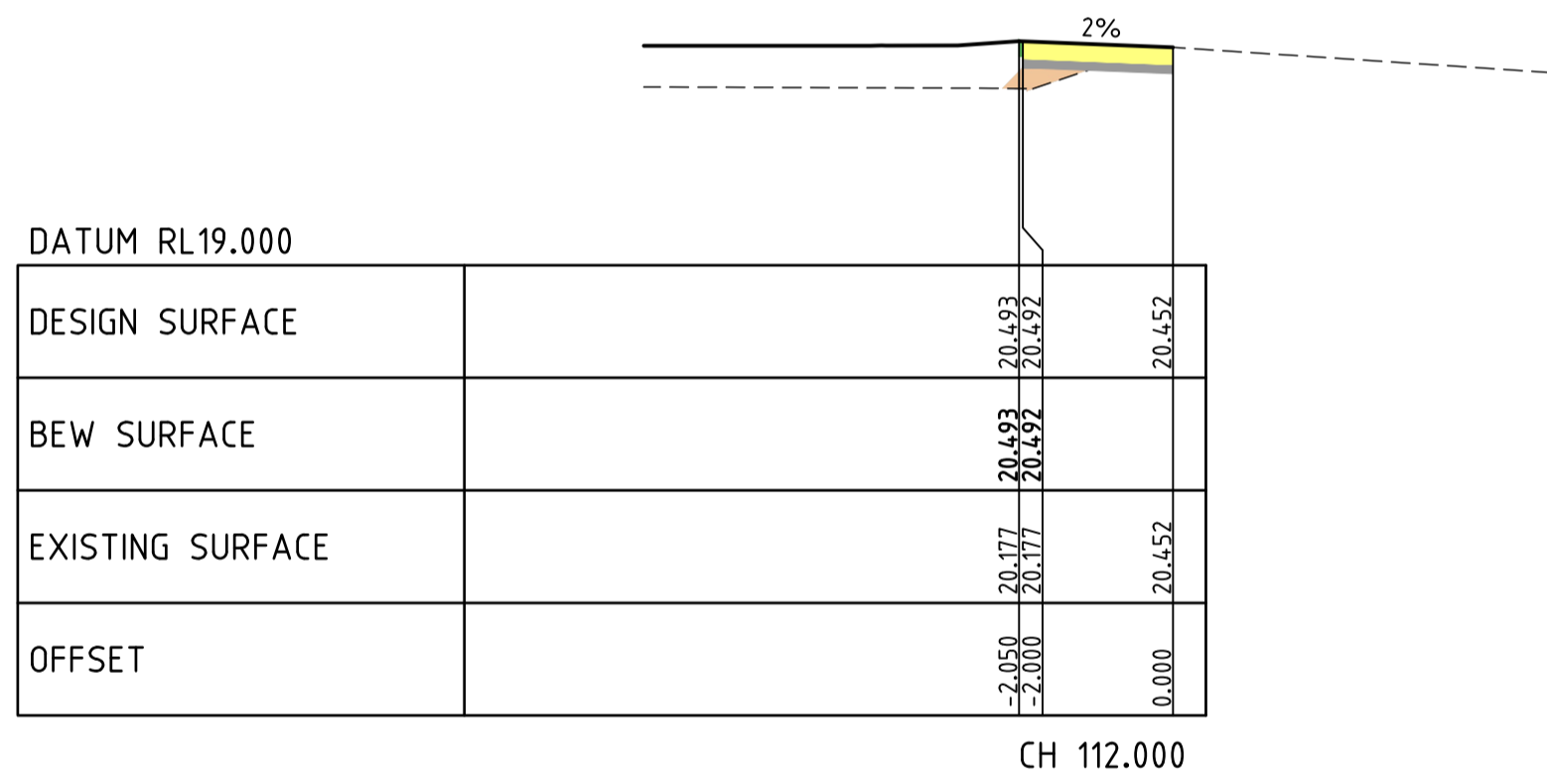
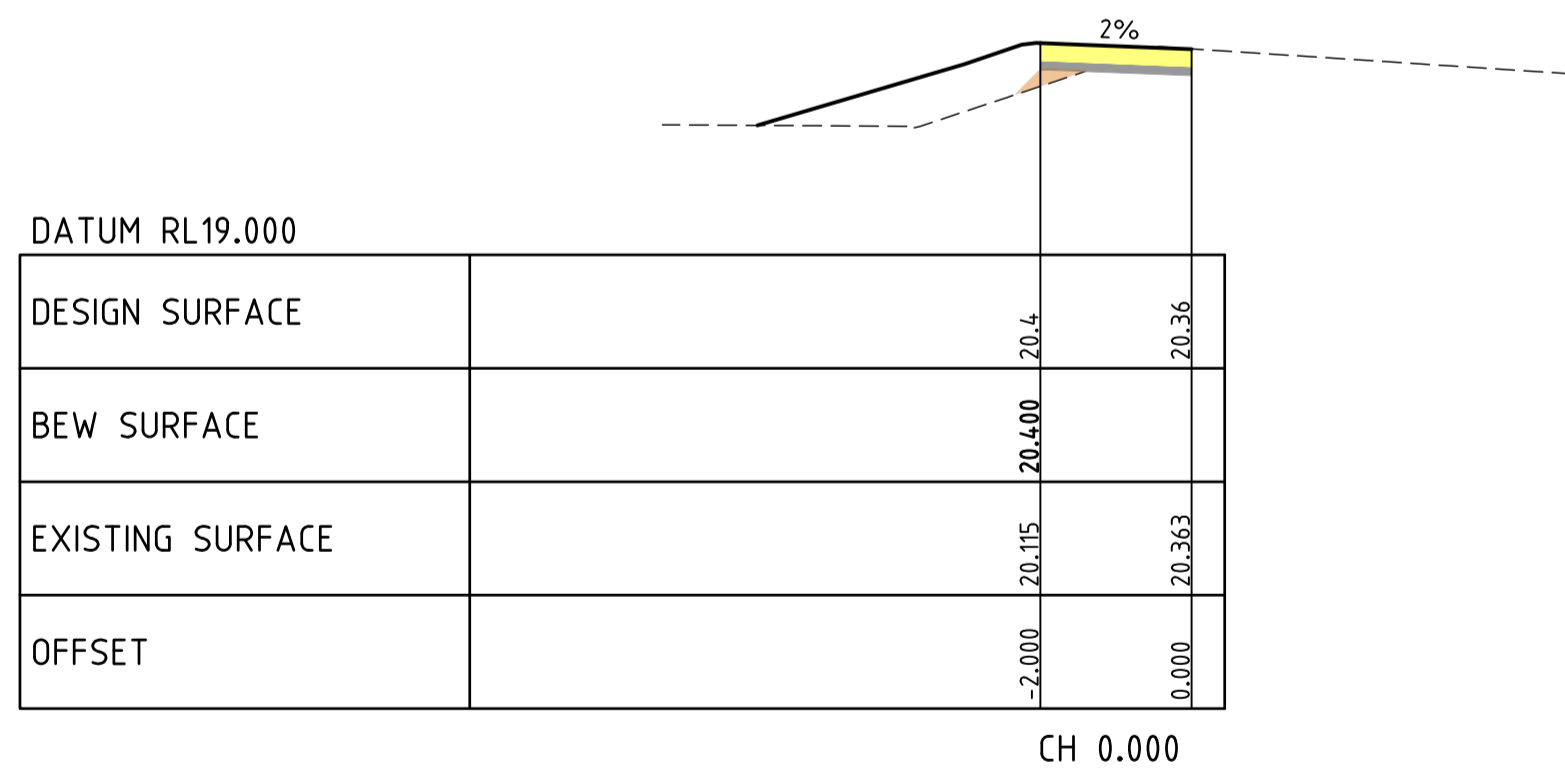
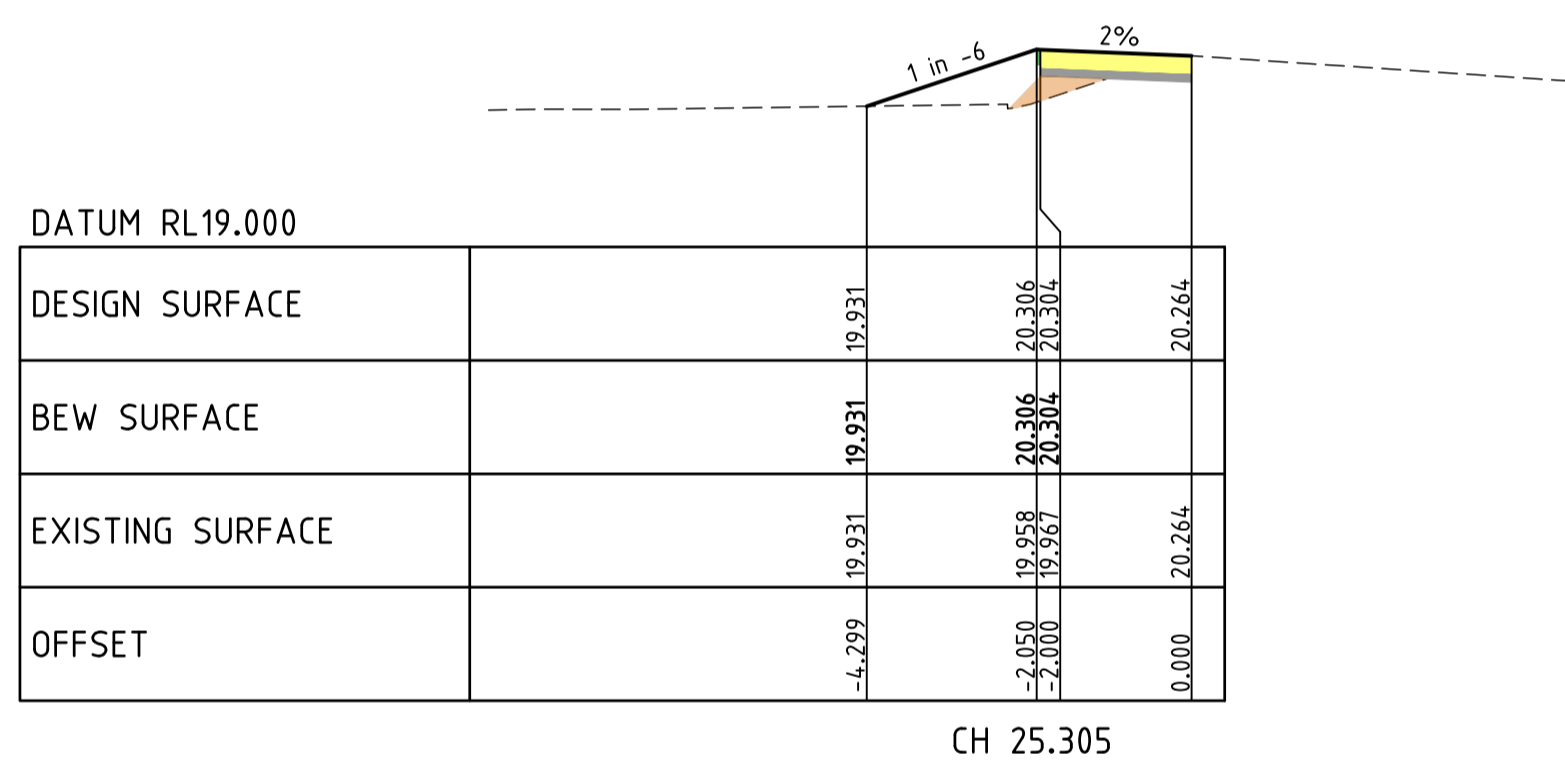
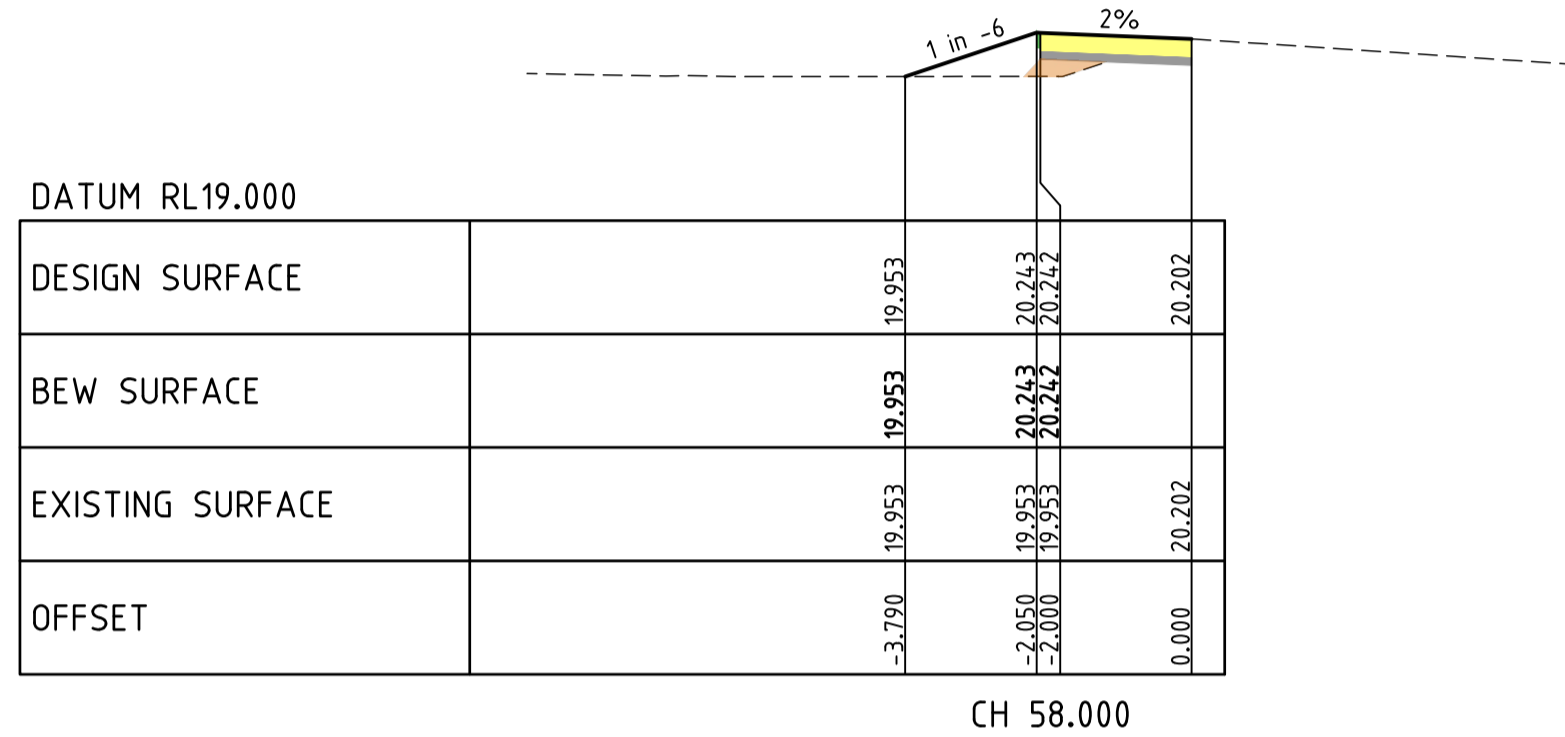
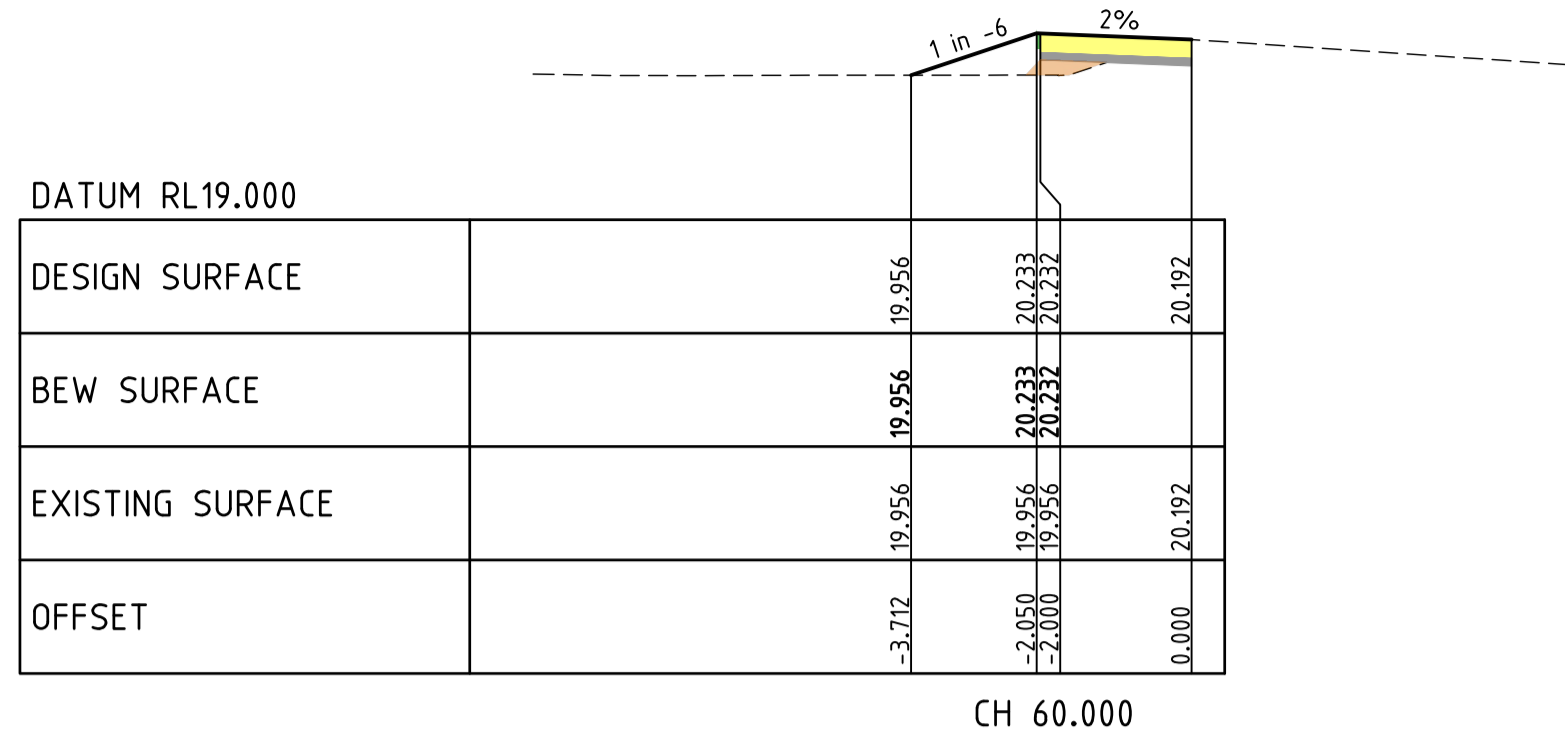
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NOTE: TYPE A STRUCTURAL FILL
 TYPE A STRUCTURAL FILL MATERIAL IN ACCORDANCE WITH THE REQUIREMENTS OF TABLE 201.10Q OF THE WYNDHAM CITY COUNCIL SUBDIVISION GUIDELINES AND SHALL BE FREE OF TOPSOIL, DELETERIOUS MATERIAL AND PERISHABLE MATTER. ALL FILL AREAS MUST ENSURE LEVEL 1 SUPERVISION IS MAINTAINED PER AS3798-2007

NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL

NOTE: BULK EARTHWORKS (BEW)
 FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)



CROSS SECTIONS
 FARM ROAD FOOTPATH E

**NOT TO BE USED FOR
 CONSTRUCTION**

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 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
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 Approved
 Date
 AN
 REV DESCRIPTION DATE AMEND APP'D

LEGEND
 STRUCTURAL FILL
 EXISTING SURFACE
 FINISHED SURFACE
 BEW SURFACE

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.
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Coors: MGA Levels: AHD
 H 0m 5m 10m 20m 30m
 V 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 H1:500/1000 V1:50/100

RIVERWALK
 STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 FOOTPATH DETAIL
 SHEET 02 OF 02
 Drawing No. 10940FD02
 Sheet No. 18 of 40

Rev D

DALTON CONSULTING ENGINEERS
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 E info@dceng.com.au

PRELIMINARY

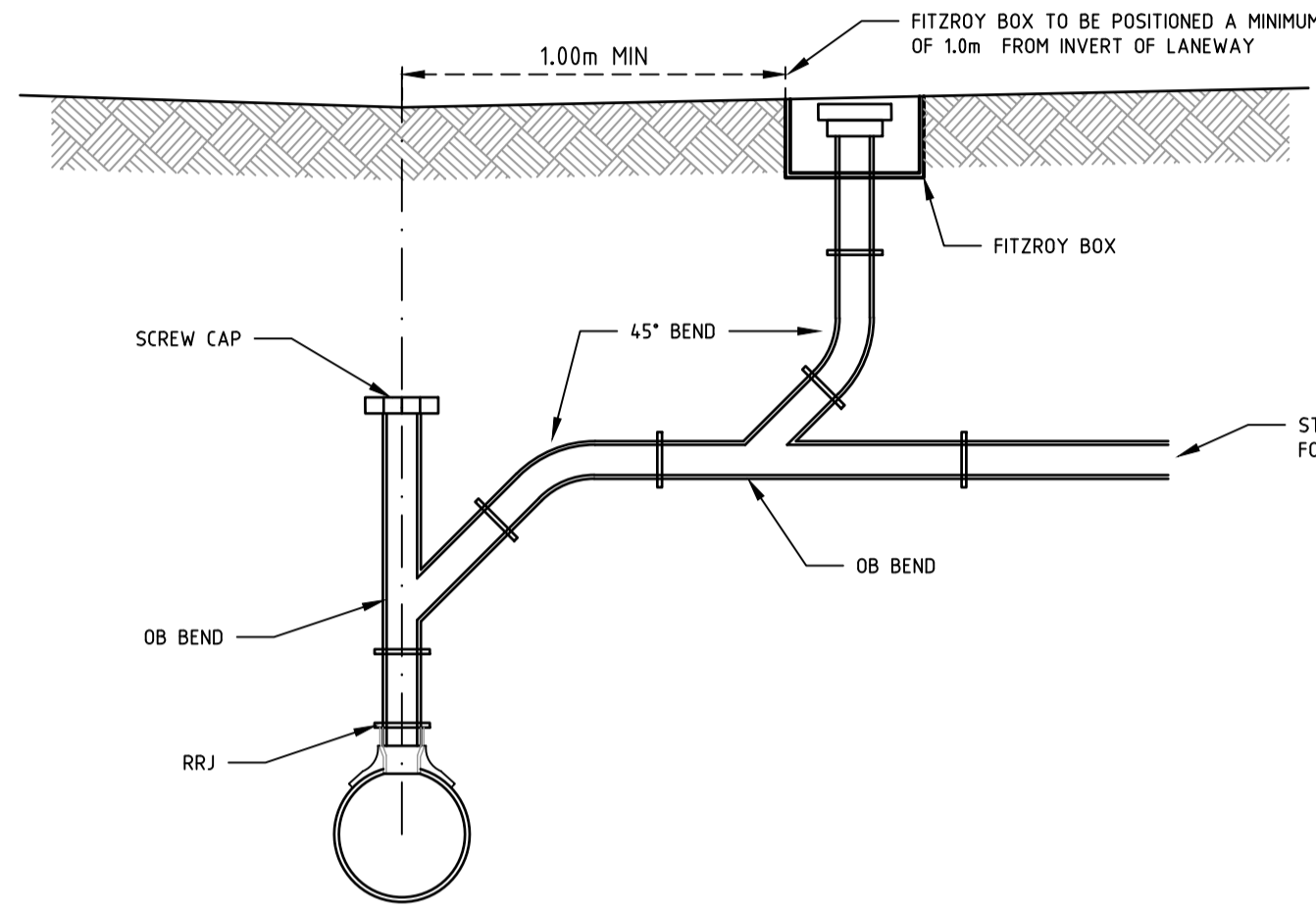
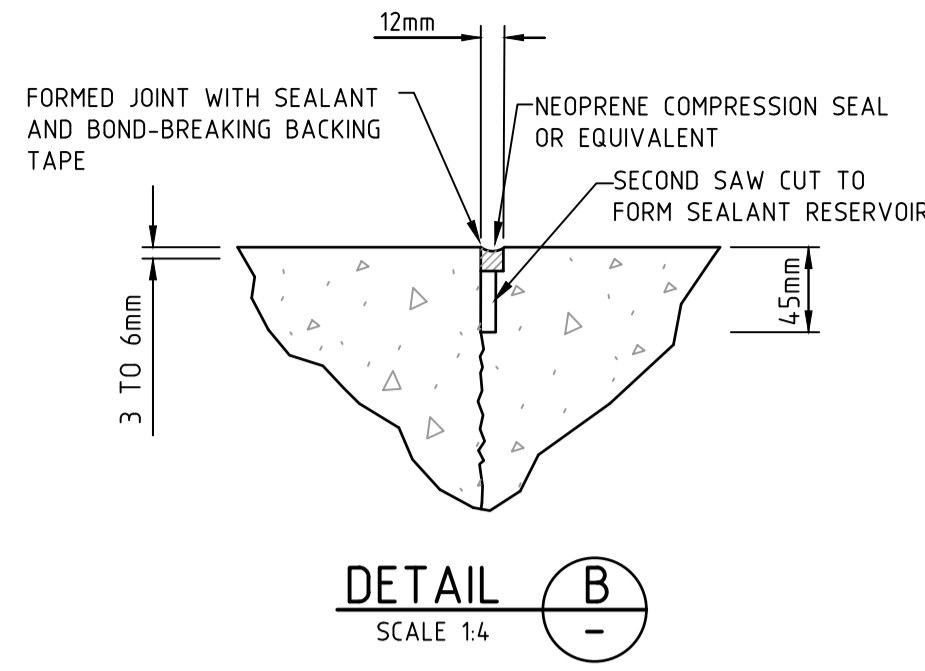
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 Date/Time: Wed Nov 30, 2022 - 4:37pm - Print/Plot

CONCRETE NOTES:

- 1.0 GENERAL**
- ENGINEERING DRAWINGS MUST NOT BE SCALED
 - CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF ANY WORKS.
 - ANY DISCREPANCIES MUST BE REFERRED TO THE ENGINEER IMMEDIATELY TO ENSURE CORRECT RECTIFICATION BEFORE PRECEEDING WITH THE WORK.
 - ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH APPROPRIATE SAA CODES, VICTORIAN BUILDING REGULATIONS, AND BUILDING CODE OF AUSTRALIA.
 - ALL REFERENCES TO SAA CODES, VBR'S AND BCA SHALL INCLUDE ALL AMENDMENTS.
 - SUBSTITUTION SHALL NOT BE PERMITTED WITHOUT THE APPROVAL OF THE ENGINEER.
- 2.0 EXCAVATION AND FOUNDATIONS**
- THE SITE IS TO BE WELL DRAINED BEFORE, DURING AND AFTER CONCRETE POURS.
 - THE SITE IS TO BE EXCAVATED TO A FIRM LEVEL BASE FREE FROM ANY ORGANIC MATERIAL.
- 3.0 CONCRETE**
- ALL CONCRETE SHALL BE IN ACCORDANCE WITH AS 3600. CONCRETE COMPRESSION STRENGTH SHALL BE: 32MPa AT 28 DAYS FOR PAVEMENT OR AS NOTED ON DRAWINGS
 - ADDITIVES MUST NOT BE USED IN THE CONCRETE WITHOUT THE ENGINEER'S PRIOR WRITTEN APPROVAL.
 - WHEELBARROW RUNS IF USED MUST BE SUPPORTED DIRECTLY FROM THE FORMWORK - AND NOT FROM REINFORCEMENT
 - MECHANICALLY VIBRATE CONCRETE DURING THE CONCRETE POUR.
 - CONCRETE SURFACES MUST BE ADEQUATELY CURED FOR MINIMUM SEVEN DAYS.
 - CONCRETE SIZES AS DRAWN ARE MINIMUM, AND DO NOT INCLUDE APPLIED FINISHES.
 - UNSPECIFIED CONSTRUCTION JOINTS MUST NOT BE MADE WITHOUT THE ENGINEER'S PRIOR WRITTEN APPROVAL.
- 4.0 REINFORCEMENT**
- SYMBOLS ON DRAWINGS FOR GRADE AND TYPE OF REINFORCEMENT ARE AS FOLLOWS:-
 - N DENOTES DUCTILITY CLASS "NORMAL" TO AS/NZS 4671:2001
 - L DENOTES DUCTILITY CLASS "LOW" TO AS/NZS 4671:2001.
 - R DENOTES STRUCTURAL GRADE PLAIN "ROUND" BARS TO AS/NZS 4671:2001.
 - D DENOTES STRUCTURAL GRADE PLAIN "DEFORMED RIBBED" BARS TO AS/NZS 4671:2001.
 - RL DENOTES "RECTANGULAR" MESH WITH "LOW" DUCTILITY TO AS/NZS 4671:2001.
 - SL DENOTES "SQUARE" MESH WITH "LOW" DUCTILITY TO AS/NZS 4671:2001.
 - LTM DENOTES "TRENCH" MESH WITH "LOW" DUCTILITY TO AS/NZS 4671:2001.
 - REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY IN TRUE PROJECTION.
 - CLEAR COVER NOTED ON DRAWING(S) IS IN ACCORDANCE WITH AS3600 AND SHOULD NOT BE VARIED.
 - LAPS IN REINFORCEMENT SHOULD COMPLY WITH AS3600.
 - FIELD WELDING OF REINFORCEMENT IS ONLY PERMITTED WITH THE ENGINEER'S WRITTEN APPROVAL.
 - ALL REINFORCEMENT IS TO BE ACCURATELY PLACED, TIED AND SUPPORTED IN POSITION BY BAR CHAIRS AT 750mm CENTRES WHERE APPROPRIATE AND ADEQUATELY IN OTHER MEMBERS.
- 5.0 FORMWORK**
- ALL FORMWORK SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH AS1509.
 - RETAIN ALL FORMWORK IN POSITION FOR AT LEAST SEVEN (7) DAYS.

CONCRETE JOINTING LEGEND

- TCJ/EJ** TRANSVERSE CONTRACTION & EXPANSION JOINT
- IJ** ISOLATION JOINT
- CCJ** CRACK CONTROL JOINT



HOUSE DRAIN & FITZROY BOX TYPICAL DETAIL FOR CONNECTIONS UNDER PAVEMENT (AS SHOWN)

TYPICAL PAVEMENT INTERFACE DETAIL AS PER WCC STANDARD SD2-4

PROVIDE HEAVY DUTY CROSSOVER IN ACCORDANCE WITH EDM 503. BALANCE OF CROSSOVER TO BE CONSTRUCTED AS PART OF FUTURE STAGE.

DARK GREY EXPOSED AGGREGATE CONCRETE. A MODIFIED PROPRIETARY MIX BY HOLCIM "BLUE PYRENEES 7mm" WITH 4.5% BACK OXIDE

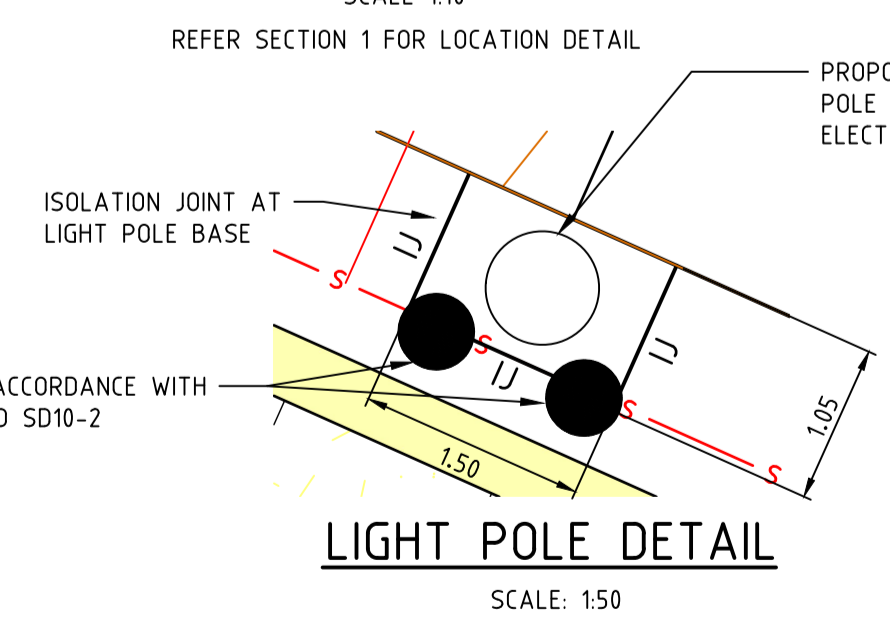
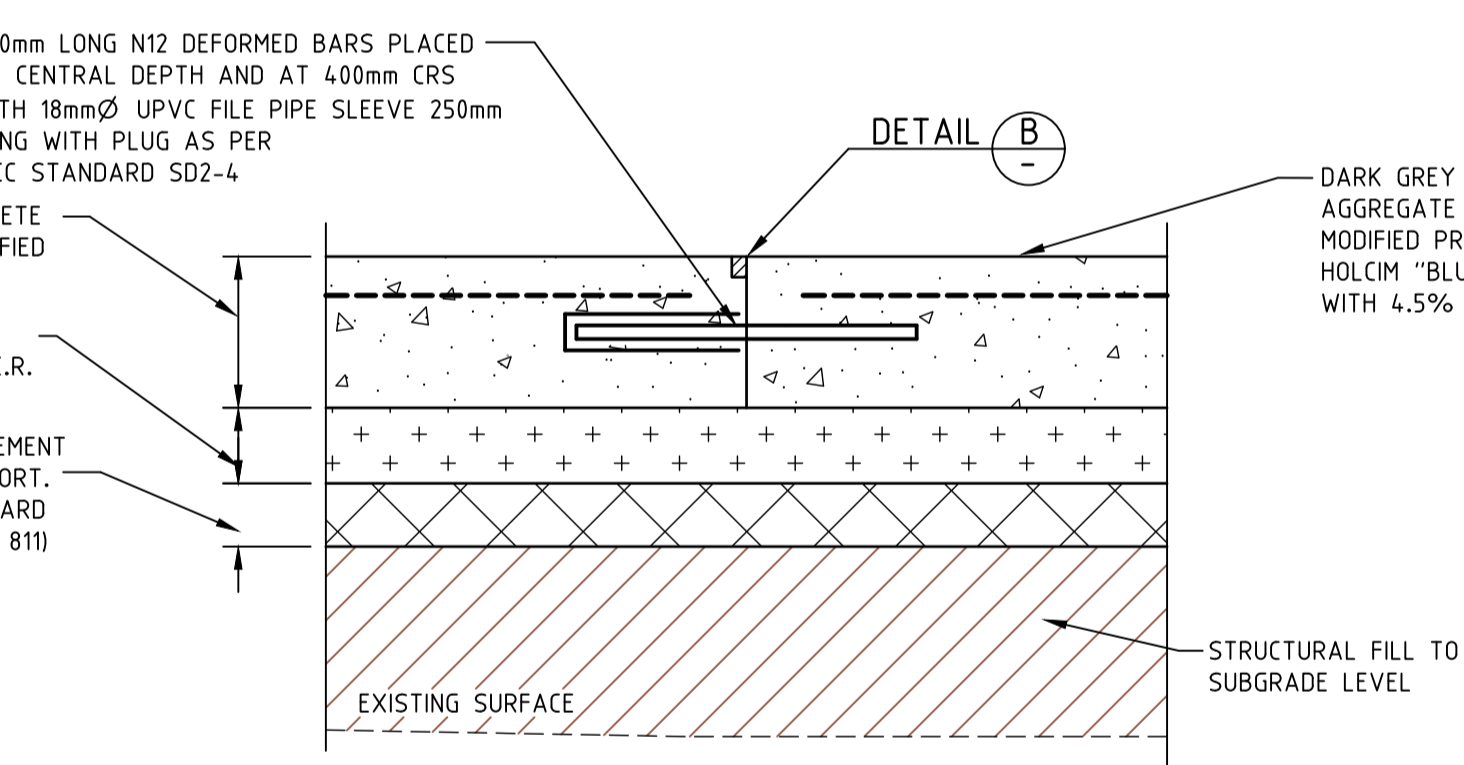
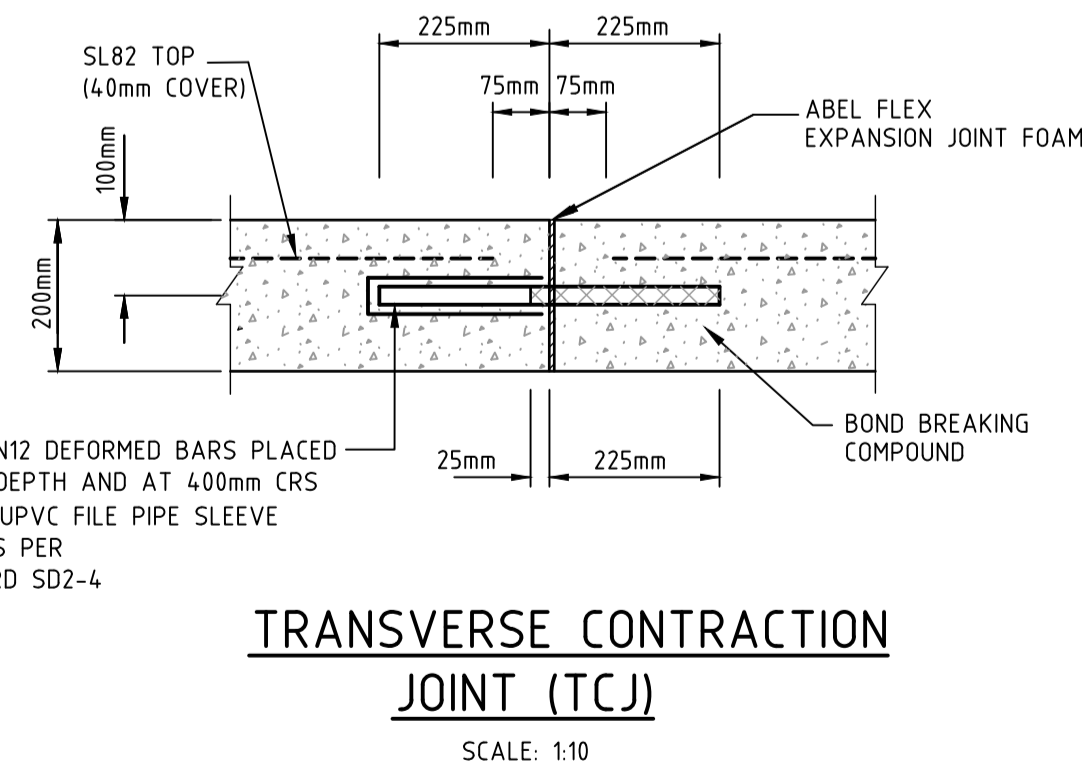
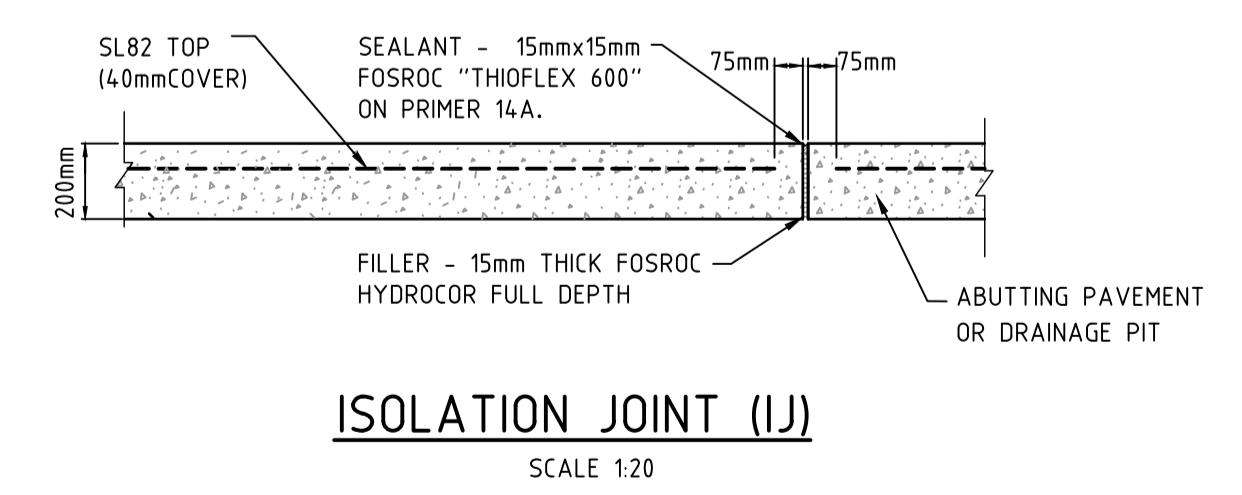
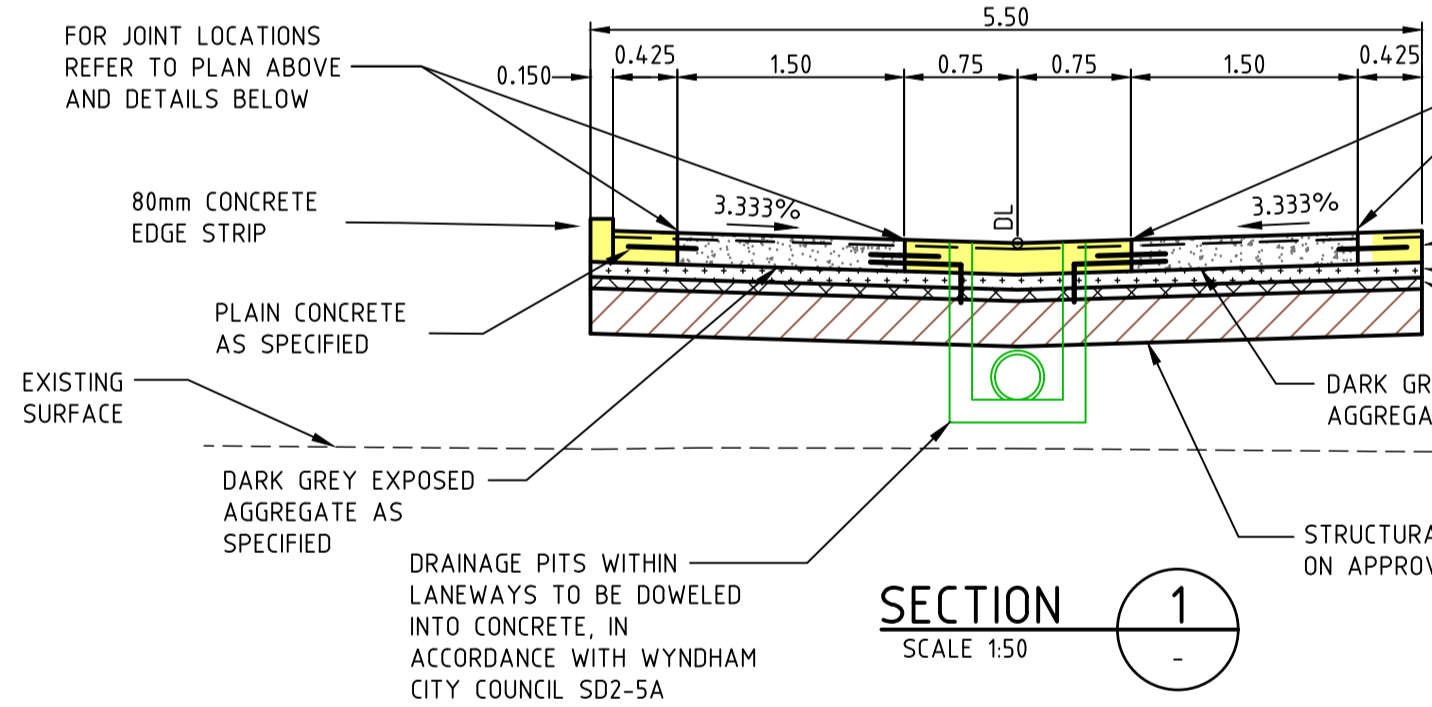
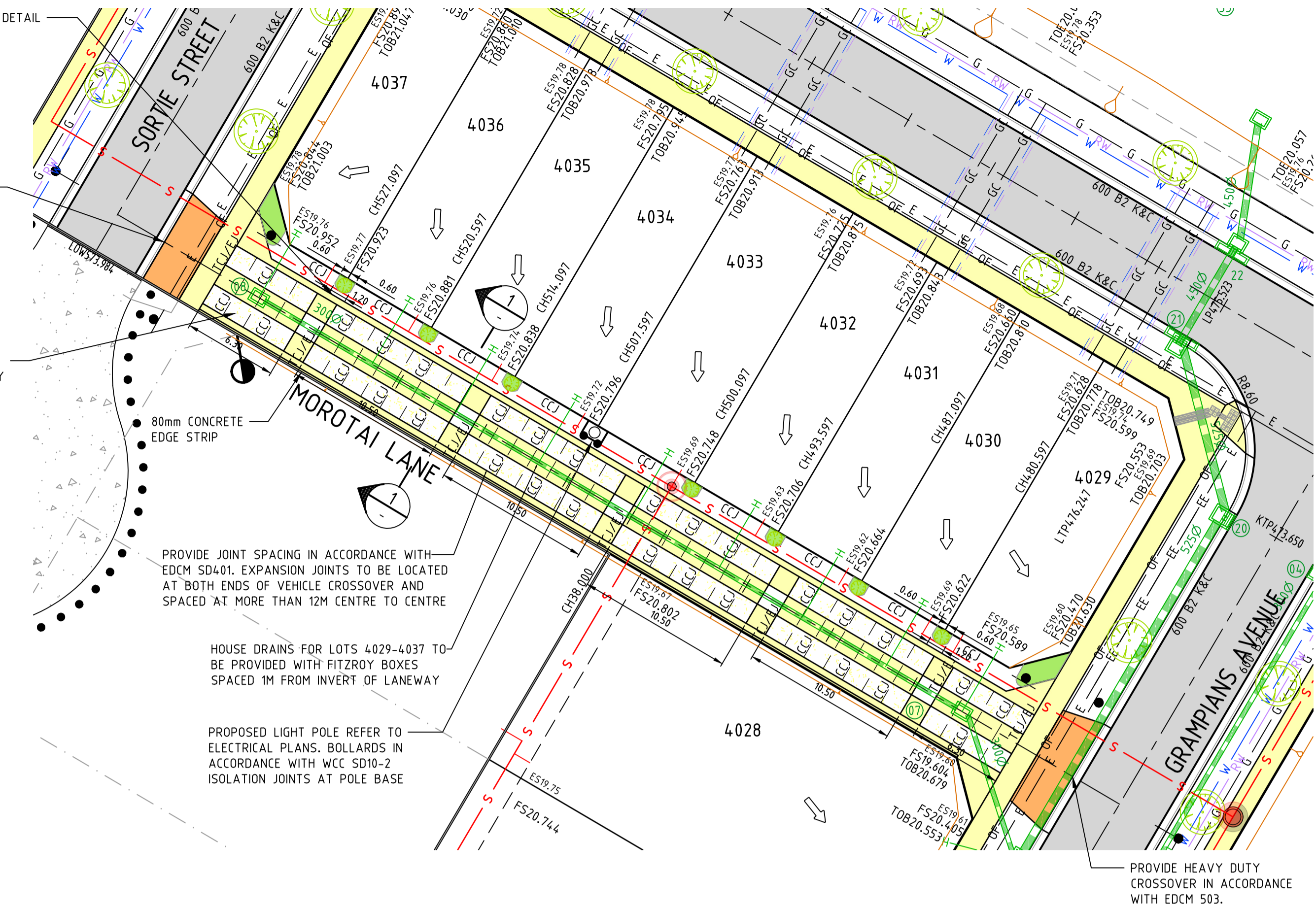
80mm CONCRETE EDGE STRIP

PROVIDE JOINT SPACING IN ACCORDANCE WITH EDM SD401. EXPANSION JOINTS TO BE LOCATED AT BOTH ENDS OF VEHICLE CROSSOVER AND SPACED AT MORE THAN 12M CENTRE TO CENTRE

HOUSE DRAINS FOR LOTS 4029-4037 TO BE PROVIDED WITH FITZROY BOXES SPACED 1M FROM INVERT OF LANEWAY

PROPOSED LIGHT POLE REFER TO ELECTRICAL PLANS. BOLLARDS IN ACCORDANCE WITH WCC SD10-2 ISOLATION JOINTS AT POLE BASE

PROVIDE HEAVY DUTY CROSSOVER IN ACCORDANCE WITH EDM 503.



CAUTION!
ALL EXISTING SERVICES IN THE VICINITY OF WORKS SHALL BE PROTECTED AND KEPT IN FUNCTIONAL STATE AT ALL TIMES DURING WORKS.

BEWARE!
NBN OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 1800 687 626.

BEWARE!
TELSTRA OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 9253 8263.

BEWARE!
TELSTRA MAJOR CABLES ARE IN THE VICINITY OF WORKS.

NOTE: EXISTING SURFACE LEVELS
ALL EXISTING SURFACE LEVELS SHOWN ON THIS PLAN ARE PRIOR TO THE COMMENCEMENT OF PERMIT 11 BULK EARTHWORKS (DCE JOB NUMBER 10870).

BEWARE!
DEVELOPMENT VICTORIA FTTH OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 03 9311 4575.

WARNING!
NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.

DANGER!
OVERHEAD ELECTRICITY TRANSMISSION LINES. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN OPERATING IN THE VICINITY OF THESE LINES. THE CONTRACTOR MUST ADHERE TO ALL "NO GO ZONE" REQUIREMENTS OF THE POWER AUTHORITY.

WARNING!
THE LOCATION OF EXISTING SERVICES SHOWN ON THESE PLANS MUST BE PROVEN ON SITE, THE APPROPRIATE AUTHORITY MUST BE CONTACTED AND THE SERVICES LOCATED PRIOR TO COMMENCEMENT OF ANY WORKS.

WARNING!
BEWARE OF ASBESTOS!
SOME UNDERGROUND SERVICES MAY BE CONSTRUCTED FROM ASBESTOS CONTAINING MATERIAL. CONTACT THE SUPERINTENDENT FOR INSTRUCTIONS ON HOW TO MANAGE ANY POTENTIAL ASBESTOS HAZARD.

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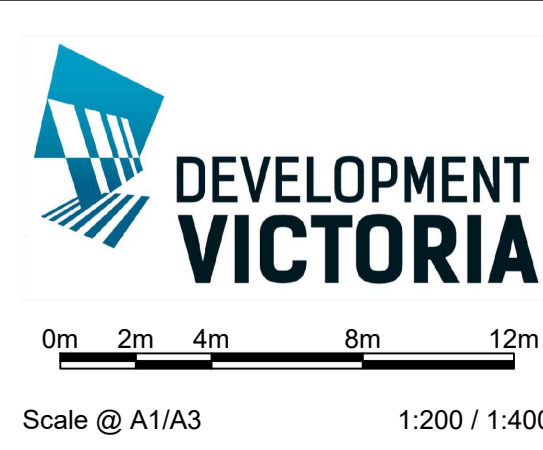
NOT TO BE USED FOR CONSTRUCTION

Drawn	R.GUTIERREZ	14/09/22		
Date	AN	3401095		
Designed	P.NICHOLSON	13/09/22		
Date	AN	3791018		
Checked	S.SRAJKOVIC	21/09/22		
Date	AN	2951057		
Approved				
Date				
APP'D				

LEGEND

SEWER MAIN & MANHOLE	ELECTRICITY	MAJOR FS CONTOUR
SW DRAIN & PIT	TELECOMMUNICATIONS	MINOR FS CONTOUR
HOUSE DRN PROP. INLET	WATER	CROWN LINES
FS21.650	RECYCLED WATER	OPEN EARTH DRAIN
ES20.06	DW/NDW/GAS CONDUITS	EX. TREE TO REMAIN
TOB21.650	EX. DRAIN & PIT	EX. TREE TO BE REMOVED
SIGNAGE	EX. SEWER MAIN & MH	PREVIOUSLY REMOVED TREE
LIP PROFILE SETOUT		SERVICE TO BE ABANDONED

FINISHED SURFACE	FILLING OVER 200mm
EXISTING SURFACE	TURN AREA
ASPHALT PAVEMENT	CONCRETE PATH D'WAY
CONCRETE PARKING BAY	LANDSCAPING (BY OTHERS)



RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
LANEWAY CONCRETE PAVEMENT
DETAILS
Drawing No. LD01
Sheet No. 19 of 40

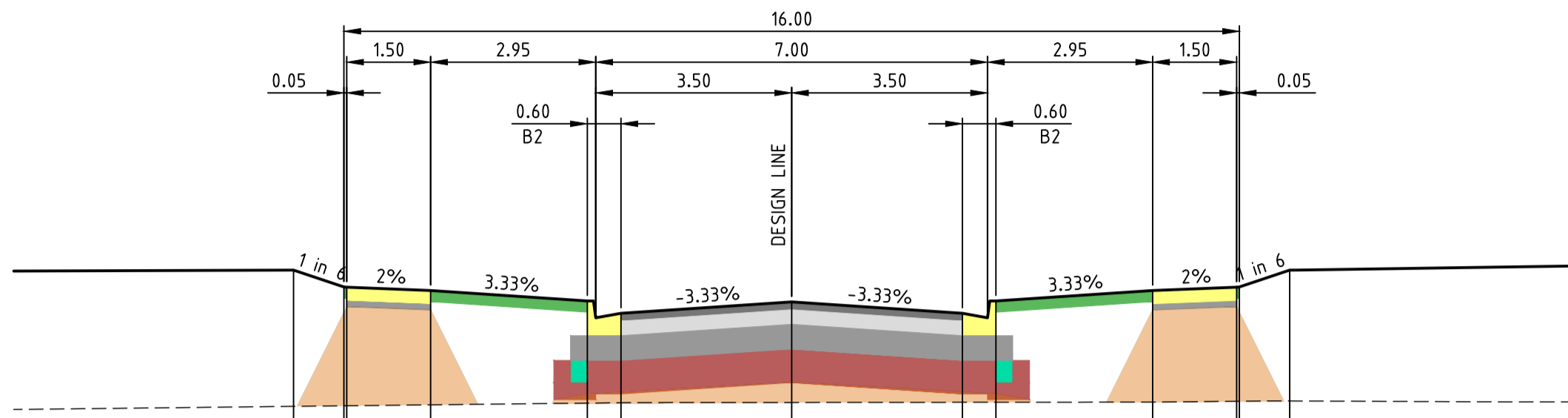
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T +61 3 5246 1700
T +61 7 3374 9000
E info@dceng.com.au

PRELIMINARY

NOTE: ALL OTHER FILL
FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL

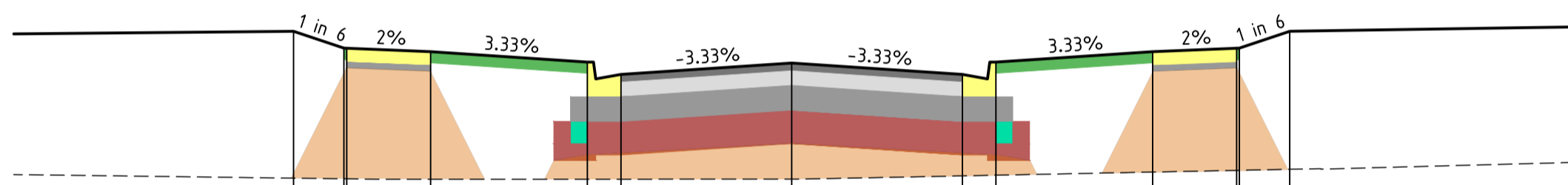
NOTE: TYPE A STRUCTURAL FILL
TYPE A STRUCTURAL FILL MATERIAL IN ACCORDANCE WITH THE REQUIREMENTS OF TABLE 201.10Q OF THE WYNDHAM CITY COUNCIL SUBDIVISION GUIDELINES AND SHALL BE FREE OF TOPSOIL, DELETERIOUS MATERIAL AND PERISHABLE MATTER. ALL FILL AREAS MUST ENSURE LEVEL 1 SUPERVISION IS MAINTAINED PER AS3798-2007

NOTE: BULK EARTHWORKS (BEW)
FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)



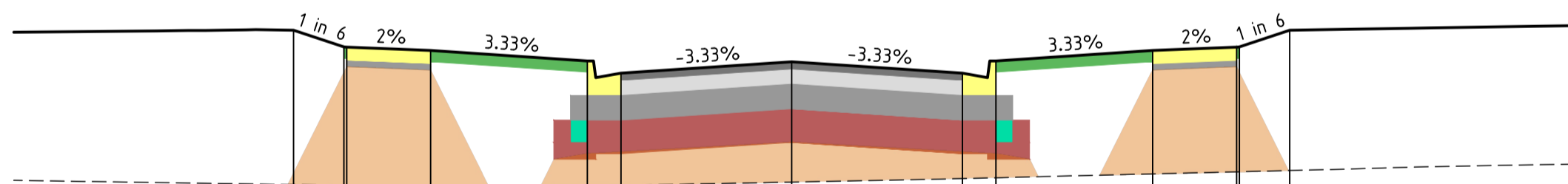
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DESIGN SURFACE	20.905	20.905	20.723	20.622	20.723
BEW SURFACE	20.905	20.723	20.622	20.52	20.723
EXISTING SURFACE	19.69	19.695	19.719	19.722	19.728
OFFSET	-8.900	-8.000	-6.450	-3.650	-6.450

CH 414.329



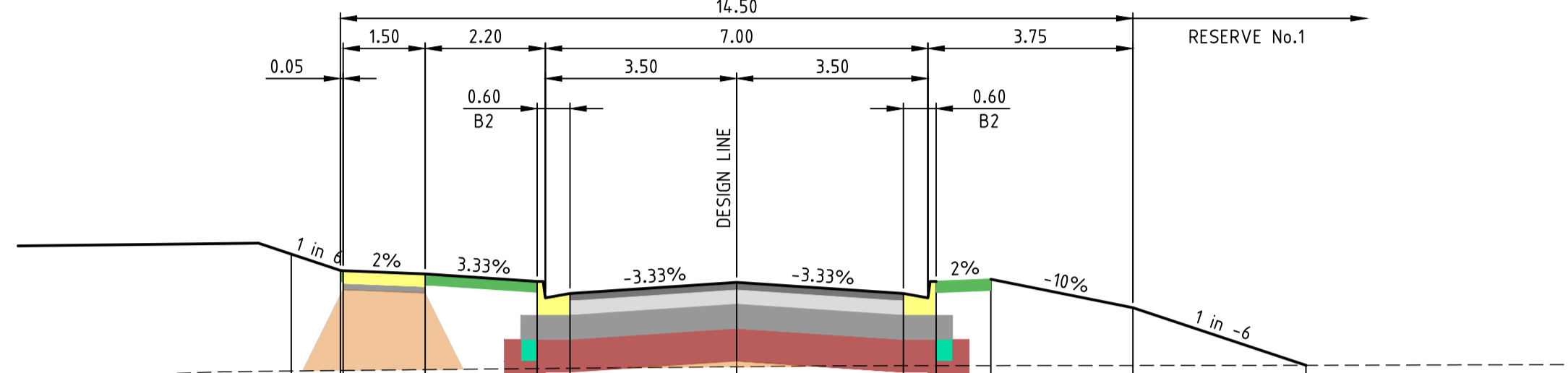
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BEW SURFACE	20.835	20.653	20.552	20.45	20.653
EXISTING SURFACE	19.523	19.517	19.514	19.514	19.514
OFFSET	-8.900	-8.000	-6.450	-3.650	-6.450

CH 400.329



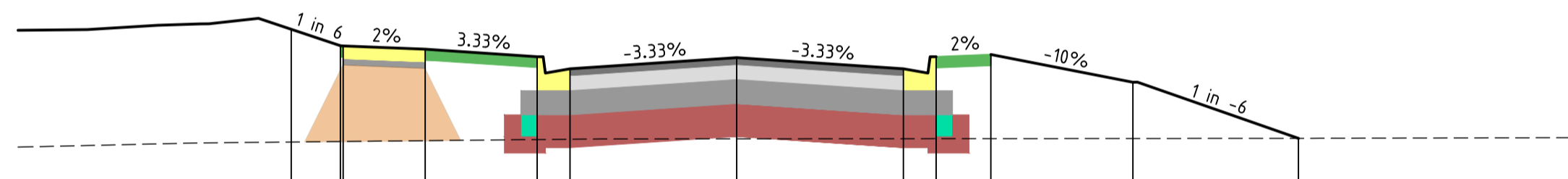
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DESIGN SURFACE	20.716	20.716	20.534	20.433	20.534
BEW SURFACE	20.716	20.534	20.433	20.331	20.534
EXISTING SURFACE	19.384	19.387	19.375	19.386	19.376
OFFSET	-8.900	-8.000	-6.450	-3.650	-6.450

CH 388.478



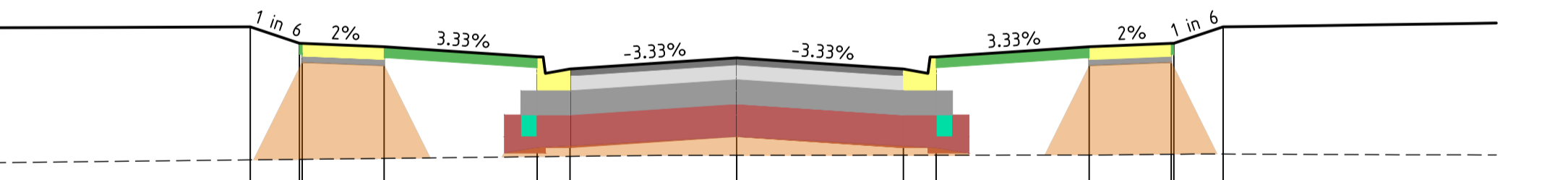
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DESIGN SURFACE	20.778	20.778	20.596	20.528	20.778
BEW SURFACE	20.778	20.596	20.528	20.418	20.778
EXISTING SURFACE	19.708	19.713	19.721	19.733	19.738
OFFSET	-8.150	-7.250	-5.700	-3.650	-8.150

CH 480.597



DATUM RL19.000					
	1	2	3	4	5
DESIGN SURFACE	20.756	20.756	20.575	20.506	20.756
BEW SURFACE	20.756	20.575	20.506	20.396	20.756
EXISTING SURFACE	19.728	19.733	19.74	19.753	19.758
OFFSET	-8.150	-7.250	-5.700	-3.650	-8.150

CH 476.247



DATUM RL19.000					
	1	2	3	4	5
DESIGN SURFACE	20.908	20.908	20.726	20.633	20.908
BEW SURFACE	20.908	20.726	20.633	20.523	20.908
EXISTING SURFACE	19.651	19.656	19.704	19.723	19.734
OFFSET	-8.900	-8.000	-6.450	-3.650	-8.900

CH 414.843

KAILASH ROAD

NOT TO BE USED FOR CONSTRUCTION

Drawn R.GUTIERREZ
Date 14/09/22
AN 3401095
Designed P.NICHOLSON
Date 13/09/22
AN 3791018
Checked S.RAJKOVIC
Date 21/09/22
AN 2951057
Approved
Date 14/09/22
PN/NR TL
AN

LEGEND

- ASPHALT
- BASE
- SUBBASE
- CAPPING/CONSTRUCTION LAYER
- AG DRAIN
- CONCRETE
- TOPSOIL & SEED
- STRUCTURAL FILL
- EXISTING SURFACE
- FINISHED SURFACE
- BEW SURFACE

REV	DESCRIPTION	DATE	AMEND	APP'D
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

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Coords: MGA Levels: AHD
H 0m 1m 2m 4m 6m
V 0m 0.5m 1m 2m 3m
Scale @ A1/A3 H1:100/200 V1:50/100

RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
CROSS SECTIONS
SHEET 01 OF 10
Drawing No. 10940XS01
Sheet No. 20 of 40

Rev D

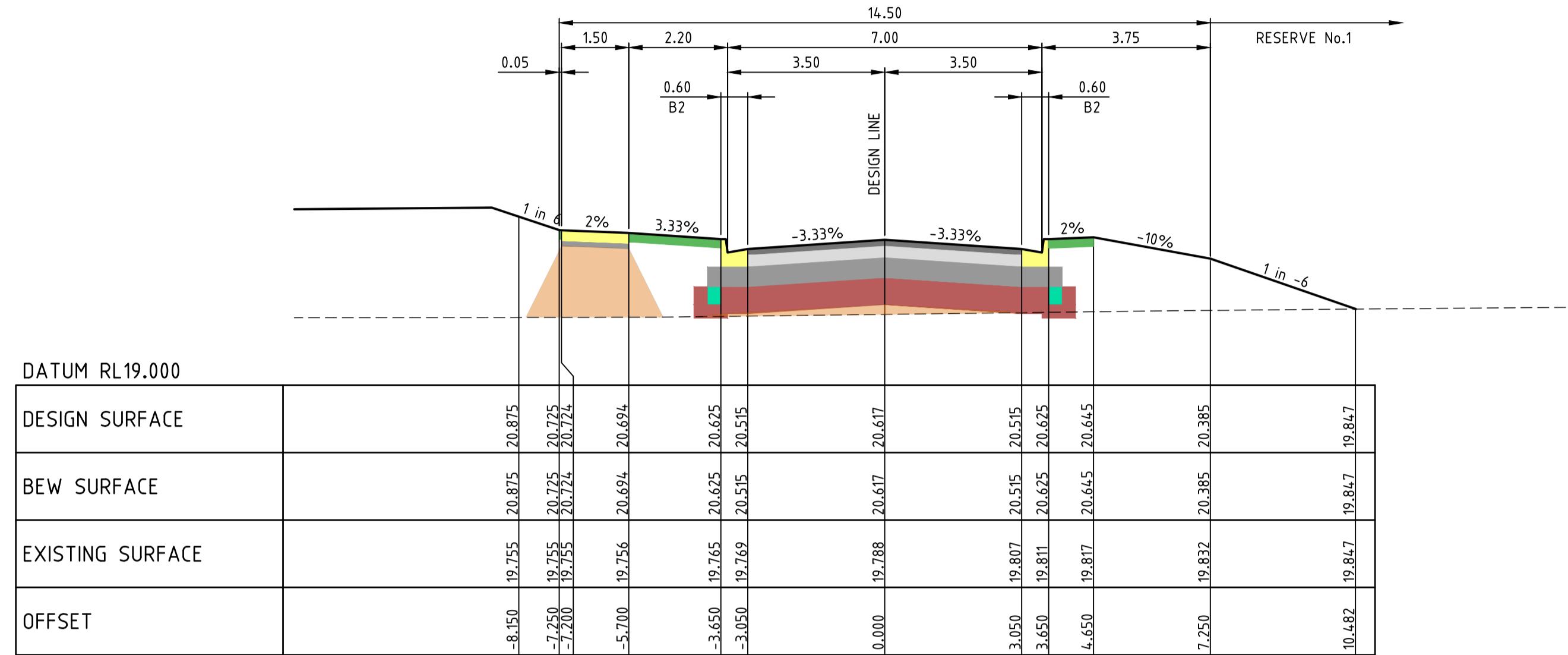
DALTON CONSULTING ENGINEERS
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T +61 7 3374 9000

PRELIMINARY

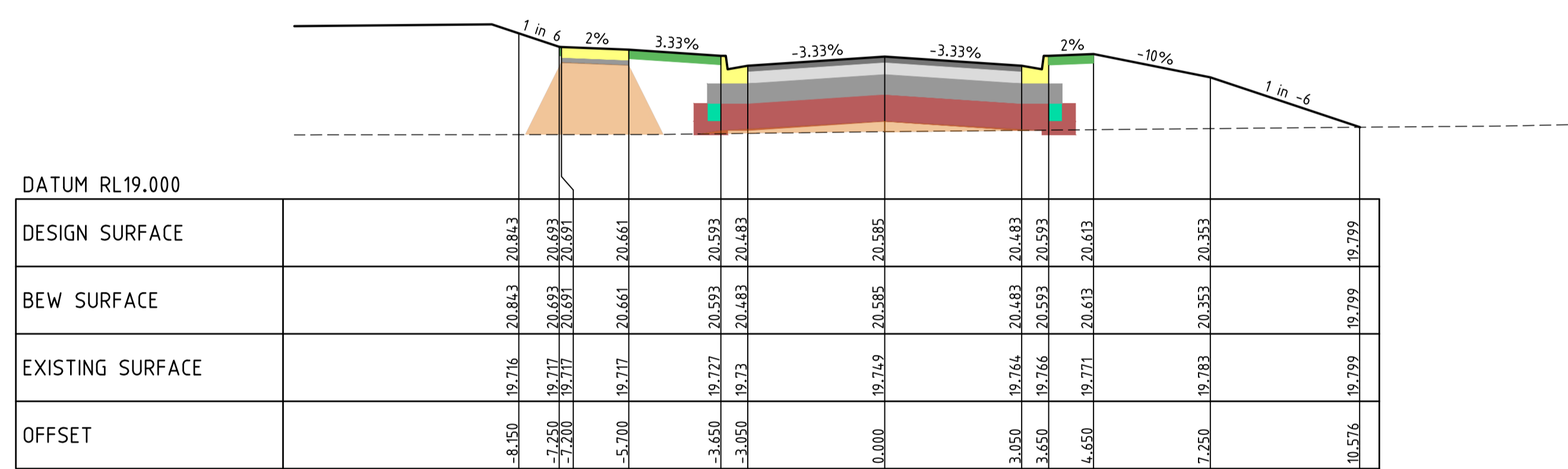
NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL

NOTE: TYPE A STRUCTURAL FILL
 TYPE A STRUCTURAL FILL MATERIAL IN ACCORDANCE WITH THE REQUIREMENTS OF TABLE 201.10Q OF THE WYNDHAM CITY COUNCIL SUBDIVISION GUIDELINES AND SHALL BE FREE OF TOPSOIL, DELETERIOUS MATERIAL AND PERISHABLE MATTER. ALL FILL AREAS MUST ENSURE LEVEL 1 SUPERVISION IS MAINTAINED PER AS3798-2007

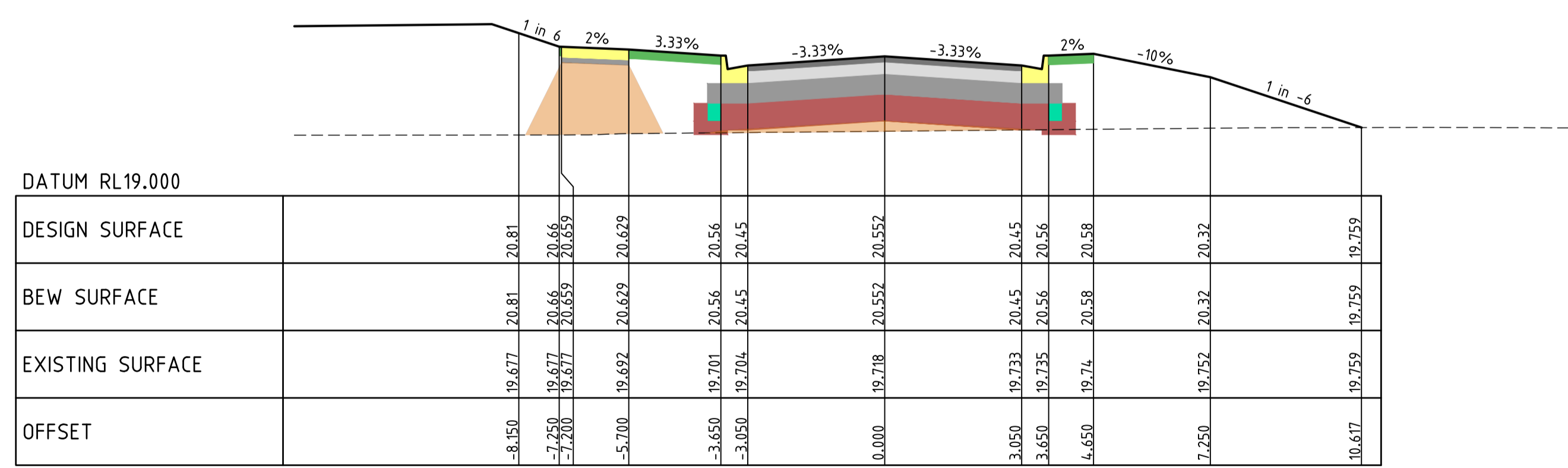
NOTE: BULK EARTHWORKS (BEW)
 FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)



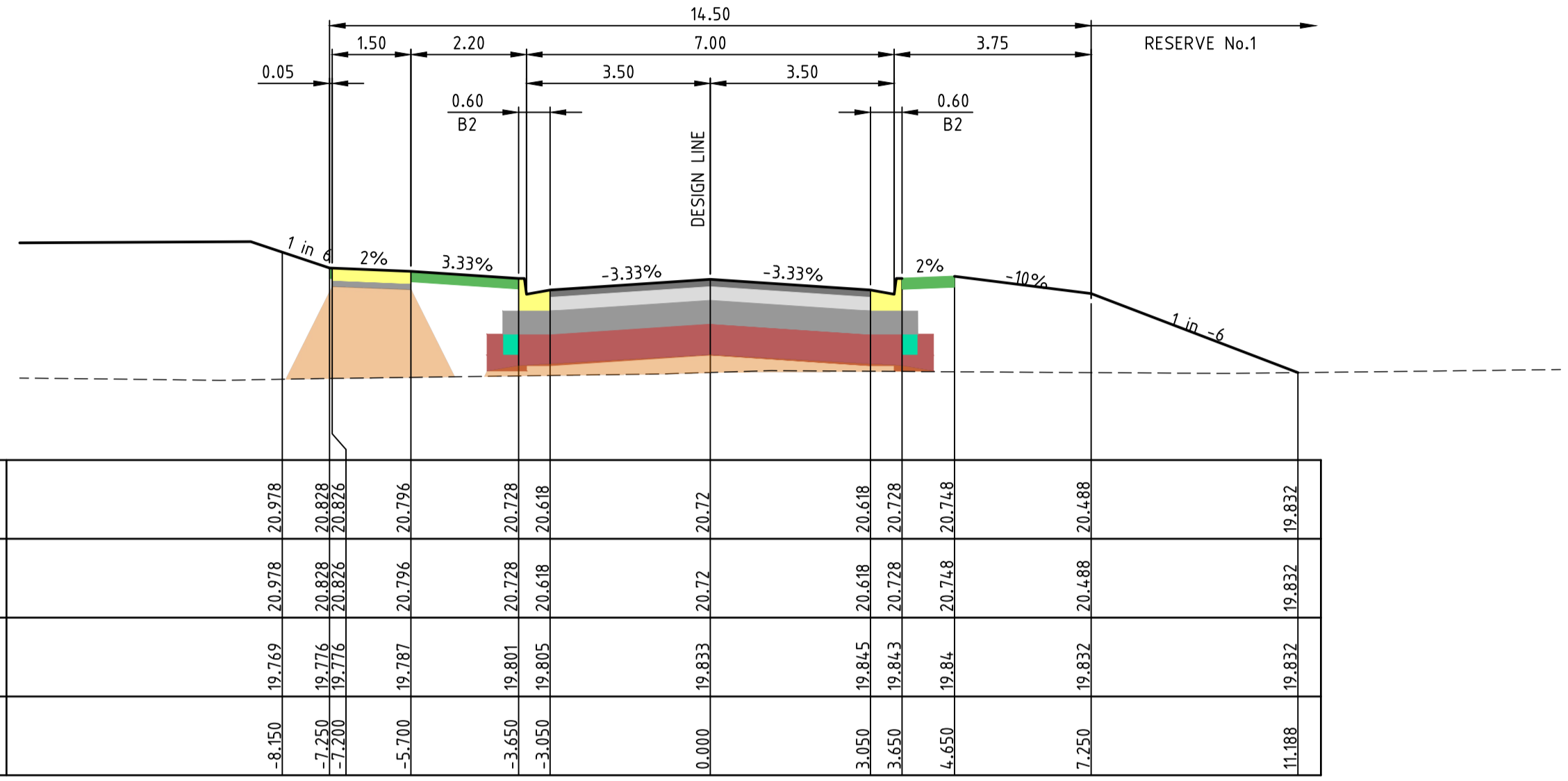
CH 500.097



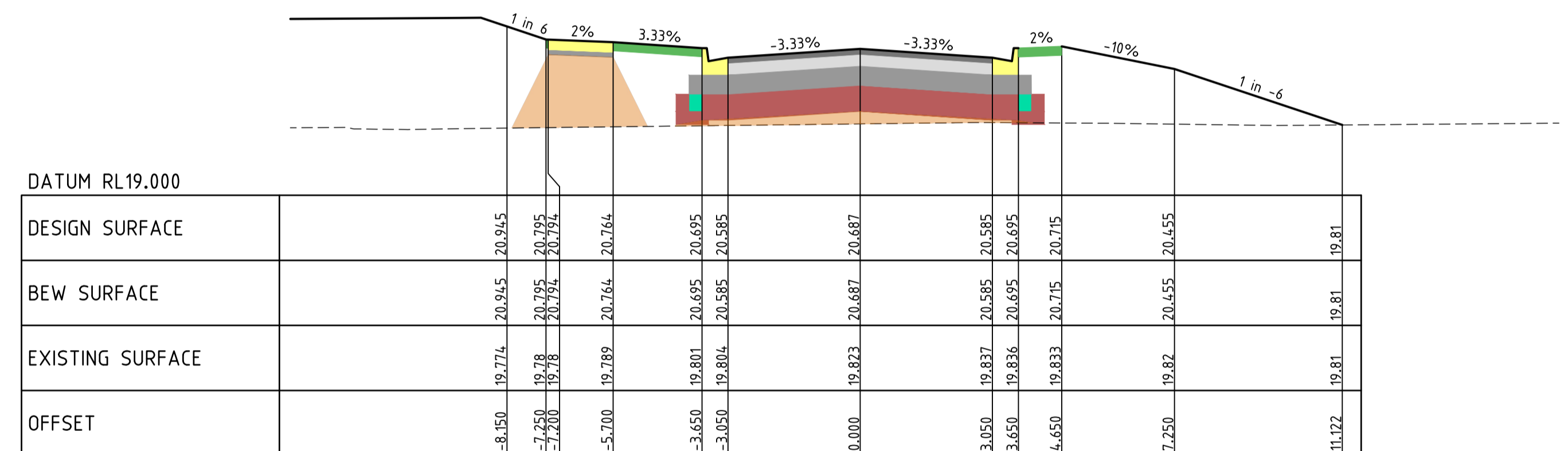
CH 493.597



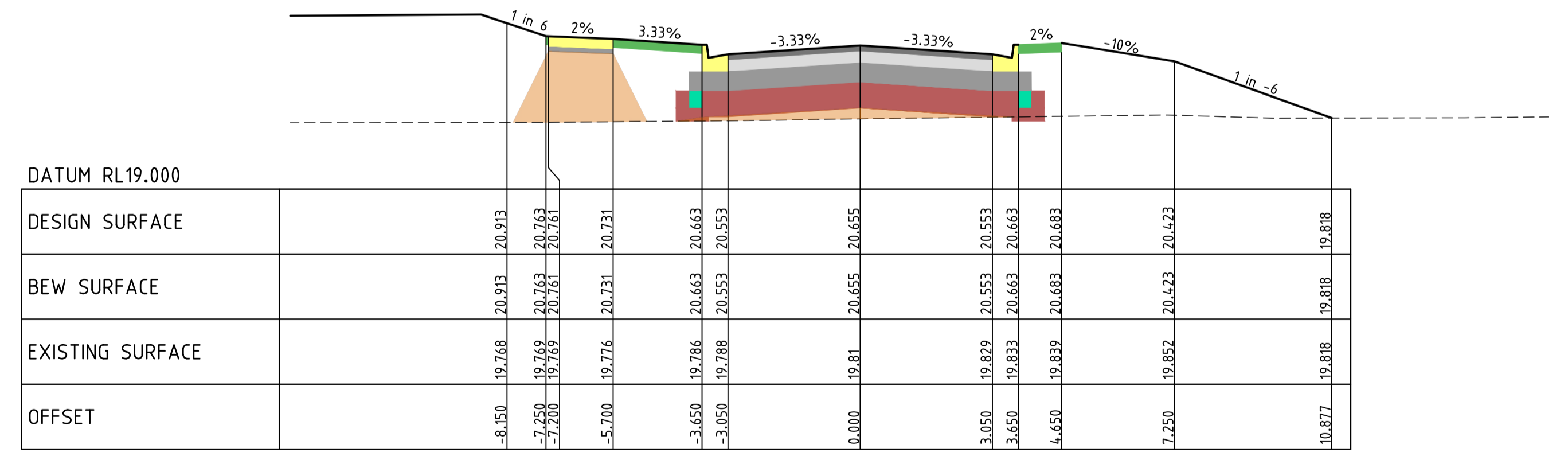
CH 487.097



CH 520.597



CH 514.097



CH 507.597

KAILASH ROAD

NOT TO BE USED FOR CONSTRUCTION

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN

LEGEND

- ASPHALT
- BASE
- SUBBASE
- CAPPING/CONSTRUCTION LAYER
- AG DRAIN
- CONCRETE
- TOPSOIL & SEED
- STRUCTURAL FILL
- EXISTING SURFACE
- FINISHED SURFACE
- BEW SURFACE

Drawing File: C:\2d_Synergy\kailash\ENERGY-ME\10940-Riverwalk - Stage 40_2408'3_Design\1_A400\4-RD\10940XS01.dwg - XS02
 Date/Time: Wed Nov 30, 2022 - 4:38pm - Franck

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

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RIVERWALK
 STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 CROSS SECTIONS
 SHEET 02 OF 10
 Drawing No. 10940XS02
 Sheet No. 21 of 40



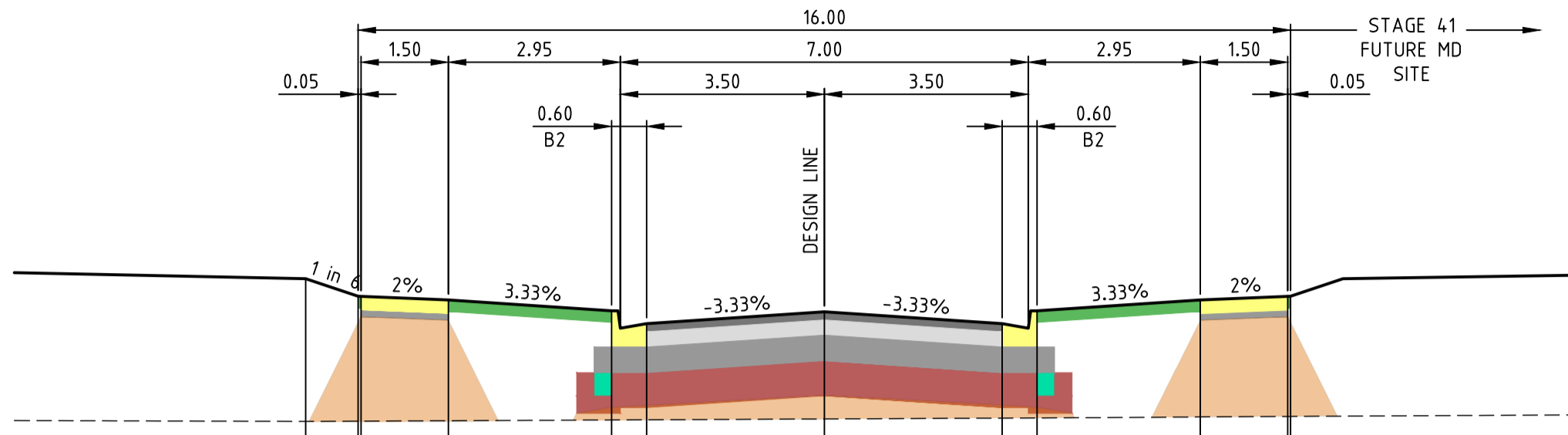
PRELIMINARY

Rev D

NOTE: TYPE A STRUCTURAL FILL
 TYPE A STRUCTURAL FILL MATERIAL IN ACCORDANCE WITH THE REQUIREMENTS OF TABLE 201.100 OF THE WYNDHAM CITY COUNCIL SUBDIVISION GUIDELINES AND SHALL BE FREE OF TOPSOIL, DELETERIOUS MATERIAL AND PERISHABLE MATTER. ALL FILL AREAS MUST ENSURE LEVEL 1 SUPERVISION IS MAINTAINED PER AS3798-2007

NOTE: BULK EARTHWORKS (BEW)
 FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)

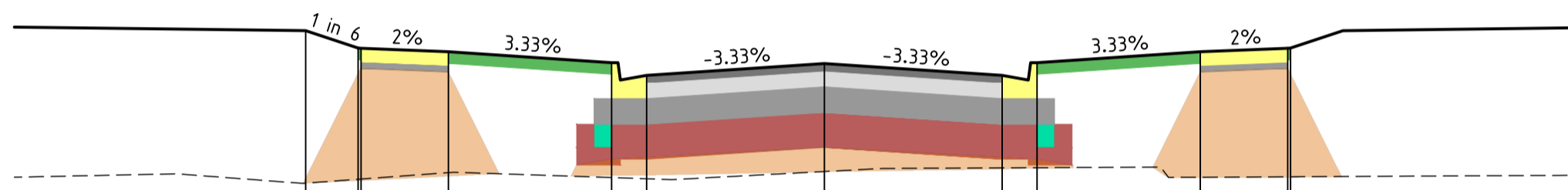
NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



DATUM RL19.000

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DESIGN SURFACE		21.017	20.867	20.733	20.632	20.733	20.867	21.017	
BEW SURFACE		21.017	20.867	20.733	20.632	20.733	20.867	21.017	
EXISTING SURFACE	19.793	19.795	19.799	19.805	19.807	19.814	19.821	19.831	19.836
OFFSET	-8.900	-7.950	-6.450	-3.650	-3.050	0.000	3.650	6.450	7.950

CH 560.000

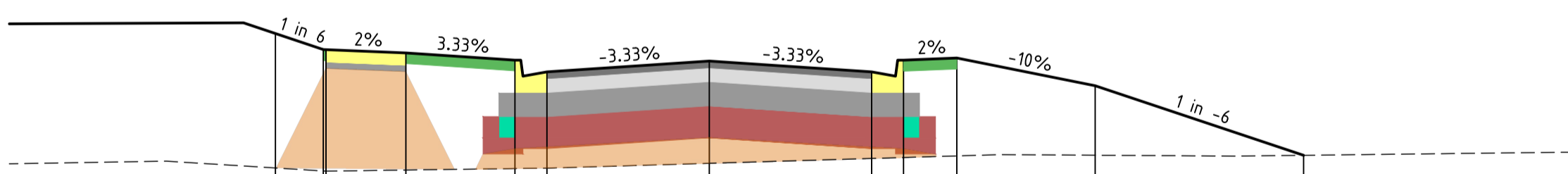


DATUM RL19.000

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DESIGN SURFACE		21.06	20.91	20.777	20.675	20.777	20.91	21.06	
BEW SURFACE		21.06	20.91	20.777	20.675	20.777	20.91	21.06	
EXISTING SURFACE	19.749	19.782	19.84	19.797	19.787	19.849	19.804	19.808	19.814
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CH 552.384

SORTIE STREET

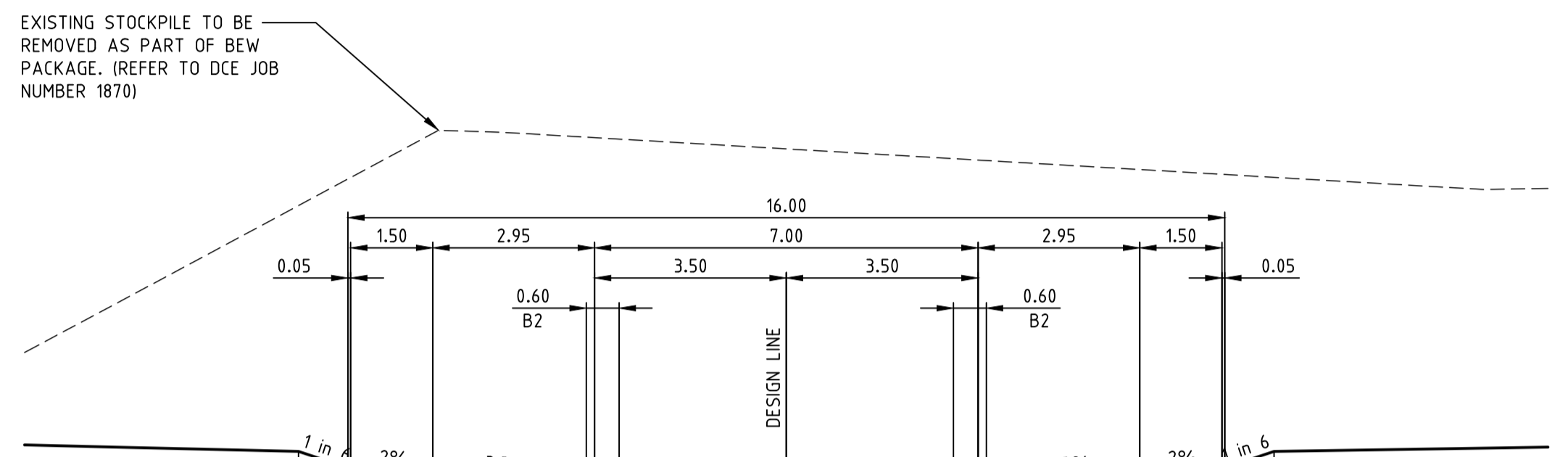


DATUM RL19.000

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DESIGN SURFACE		21.01	20.86	20.732	20.65	20.732	20.86	21.01	
BEW SURFACE		21.01	20.86	20.732	20.65	20.732	20.86	21.01	
EXISTING SURFACE	19.749	19.779	19.779	19.779	19.779	19.792	19.779	19.779	19.779
OFFSET	-8.150	-7.250	-5.700	-3.650	-3.050	0.000	3.050	4.650	7.250

CH 527.097

KAILASH ROAD



DATUM RL18.000

	0.00	1.50	2.95	7.00	3.50	3.50	2.95	1.50	0.00
DESIGN SURFACE		19.997	19.847	19.722	19.612	19.722	19.847	19.997	
BEW SURFACE		19.997	19.847	19.722	19.612	19.722	19.847	19.997	
EXISTING SURFACE	22.238	22.48	22.53	22.861	22.844	22.755	22.666	22.567	22.523
OFFSET	-8.900	-8.000	-7.950	-6.450	-3.650	0.000	3.650	6.450	7.950

CH 335.475



DATUM RL18.000

	0.00	1.50	2.95	7.00	3.50	3.50	2.95	1.50	0.00
DESIGN SURFACE		19.984	19.834	19.709	19.599	19.709	19.834	19.984	
BEW SURFACE		19.984	19.834	19.709	19.599	19.709	19.834	19.984	
EXISTING SURFACE	20.701	20.712	20.729	22.228	22.517	22.837	22.748	22.648	22.605
OFFSET	-8.900	-8.000	-7.950	-6.450	-3.650	0.000	3.650	6.450	7.950

CH 332.855 L.O.W.

GRAMPIANS AVENUE

NOT TO BE USED FOR CONSTRUCTION

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN
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LEGEND

ASPHALT	---	EXISTING SURFACE
BASE	---	FINISHED SURFACE
SUBBASE	---	BEW SURFACE
CAPPING/CONSTRUCTION LAYER		
AG DRAIN		
CONCRETE		
TOPSOIL & SEED		
STRUCTURAL FILL		

Drawing File: C:\Users\Synergy\Documents\ENERGY-ME\10940-riermak - Stage 40_2408\3_Design\1_ACOV\4_BD\10940\0301.dwg - 7303
 Date/Time: Wed Nov 30, 2022 - 4:38pm - P:\p\h\l\

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.



RIVERWALK
 STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 CROSS SECTIONS
 SHEET 03 OF 10
 Drawing No. 10940XS03
 Sheet No. 22 of 40



PRELIMINARY

Rev D

Scale @ A1/A3
 H1:100/200 V1:50/100

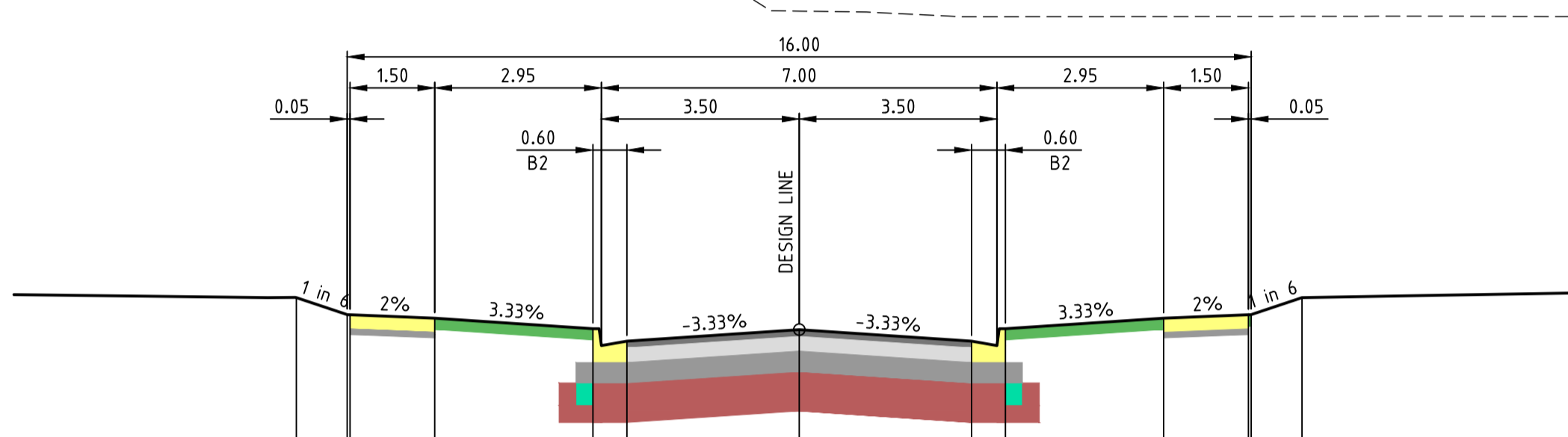
NOTE: TYPE A STRUCTURAL FILL
 TYPE A STRUCTURAL FILL MATERIAL IN ACCORDANCE WITH THE REQUIREMENTS OF TABLE 201.10Q OF THE WYNDHAM CITY COUNCIL SUBDIVISION GUIDELINES AND SHALL BE FREE OF TOPSOIL, DELETERIOUS MATERIAL AND PERISHABLE MATTER. ALL FILL AREAS MUST ENSURE LEVEL 1 SUPERVISION IS MAINTAINED PER AS3798-2007

NOTE: BULK EARTHWORKS (BEW)
 FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)

NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL

EXISTING STOCKPILE TO BE REMOVED AS PART OF BEW PACKAGE. (REFER TO DCE JOB NUMBER 1870)

EXISTING STOCKPILE TO BE REMOVED AS PART OF BEW PACKAGE. (REFER TO DCE JOB NUMBER 1870)

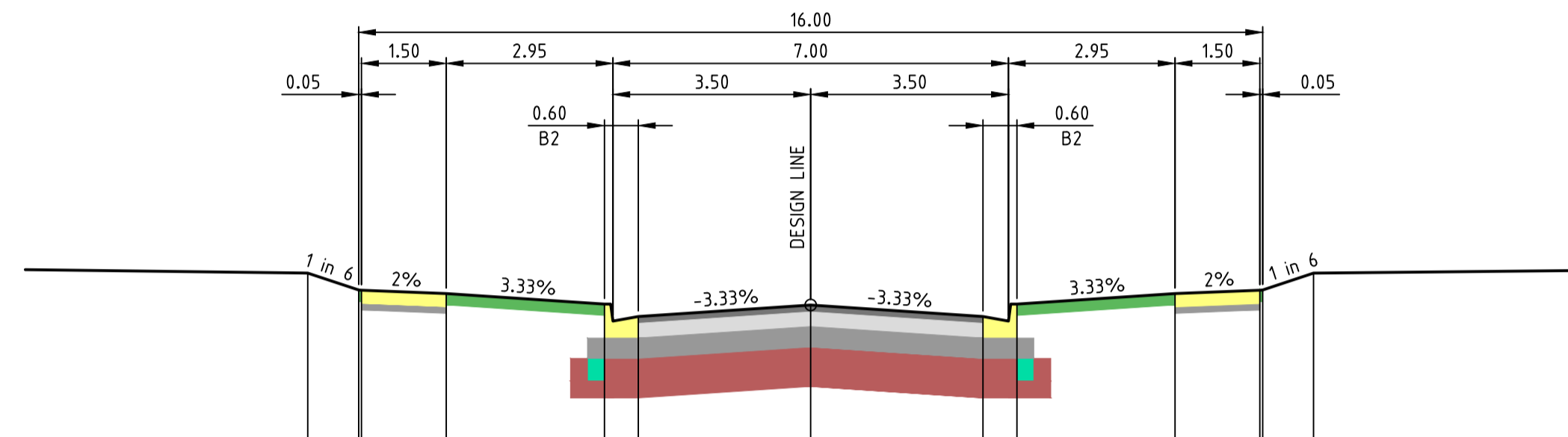


DATUM RL18.000														
DESIGN SURFACE														
BEW SURFACE														
EXISTING SURFACE														
OFFSET														

CH 356.961

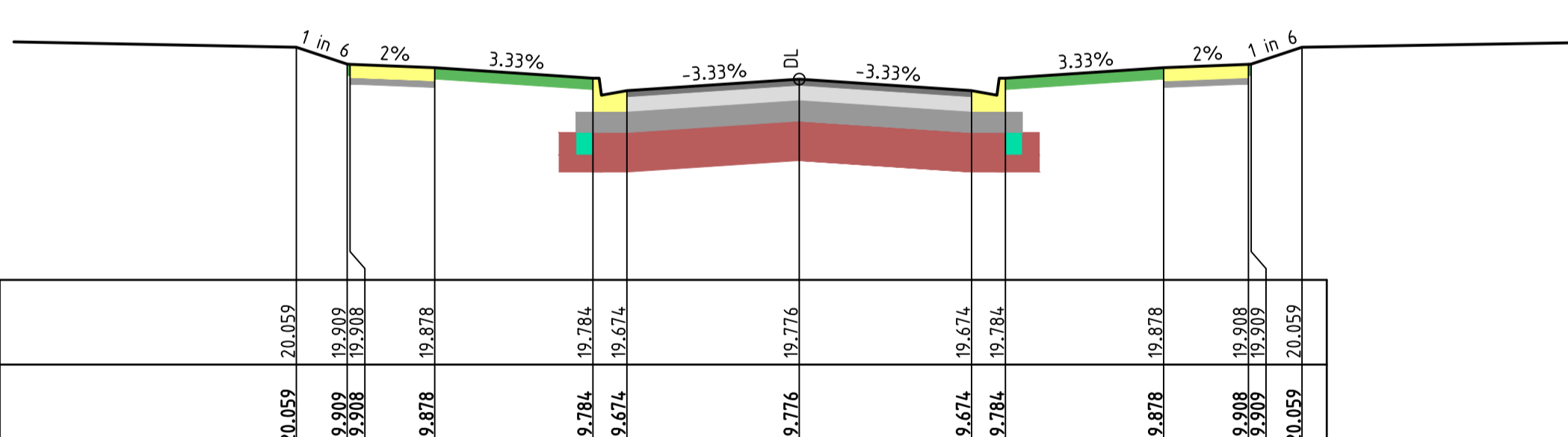
EXISTING STOCKPILE TO BE REMOVED AS PART OF BEW PACKAGE. (REFER TO DCE JOB NUMBER 1870)

EXISTING STOCKPILE TO BE REMOVED AS PART OF BEW PACKAGE. (REFER TO DCE JOB NUMBER 1870)



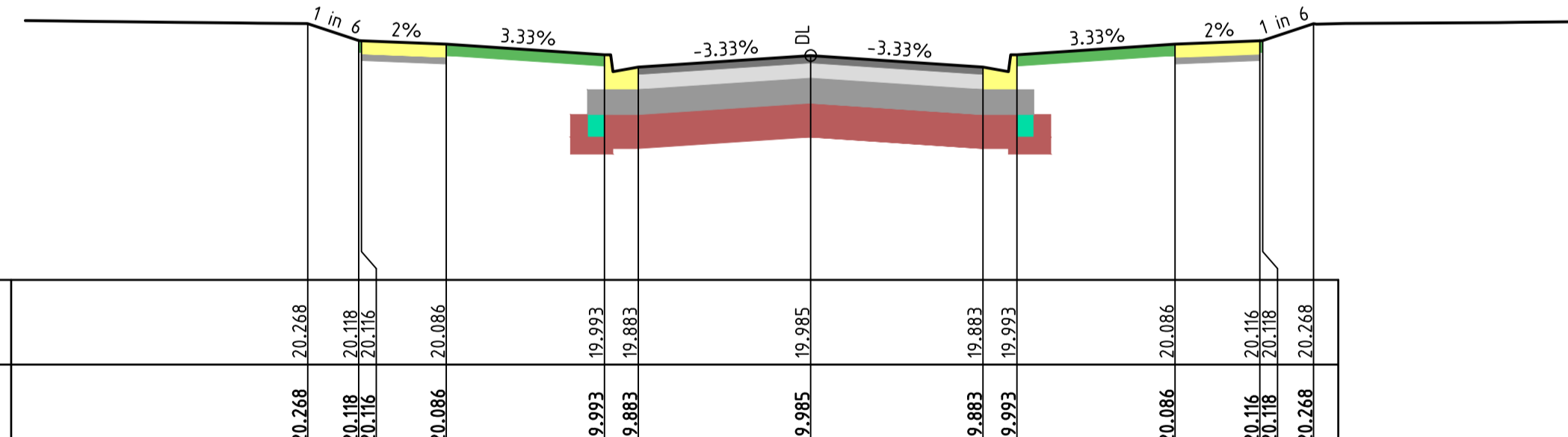
DATUM RL18.000														
DESIGN SURFACE														
BEW SURFACE														
EXISTING SURFACE														
OFFSET														

CH 392.050



DATUM RL18.000														
DESIGN SURFACE														
BEW SURFACE														
EXISTING SURFACE														
OFFSET														

CH 347.975



DATUM RL18.000														
DESIGN SURFACE														
BEW SURFACE														
EXISTING SURFACE														
OFFSET														

CH 389.681

GRAMPIANS AVENUE

NOT TO BE USED FOR CONSTRUCTION

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN

LEGEND	
ASPHALT	---
BASE	---
SUBBASE	---
CAPPING/CONSTRUCTION LAYER	---
AG DRAIN	---
CONCRETE	---
TOPSOIL & SEED	---
STRUCTURAL FILL	---
---	EXISTING SURFACE
---	FINISHED SURFACE
---	BEW SURFACE

Drawing File: C:\2d_Synergy\delta\delta\ENERGY-ME\10940-riermak - Stage 40_2408\3_Design\1_ACO\4-RD\10940\01.dwg - 7334
 Date/Time: Wed Nov 30, 2022 - 4:38pm - Franck

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

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Scale @ A1/A3
 H1:100/200 V1:50/100

RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
CROSS SECTIONS
SHEET 04 OF 10
Drawing No. 10940XS04
 Sheet No. 23 of 40

Rev D

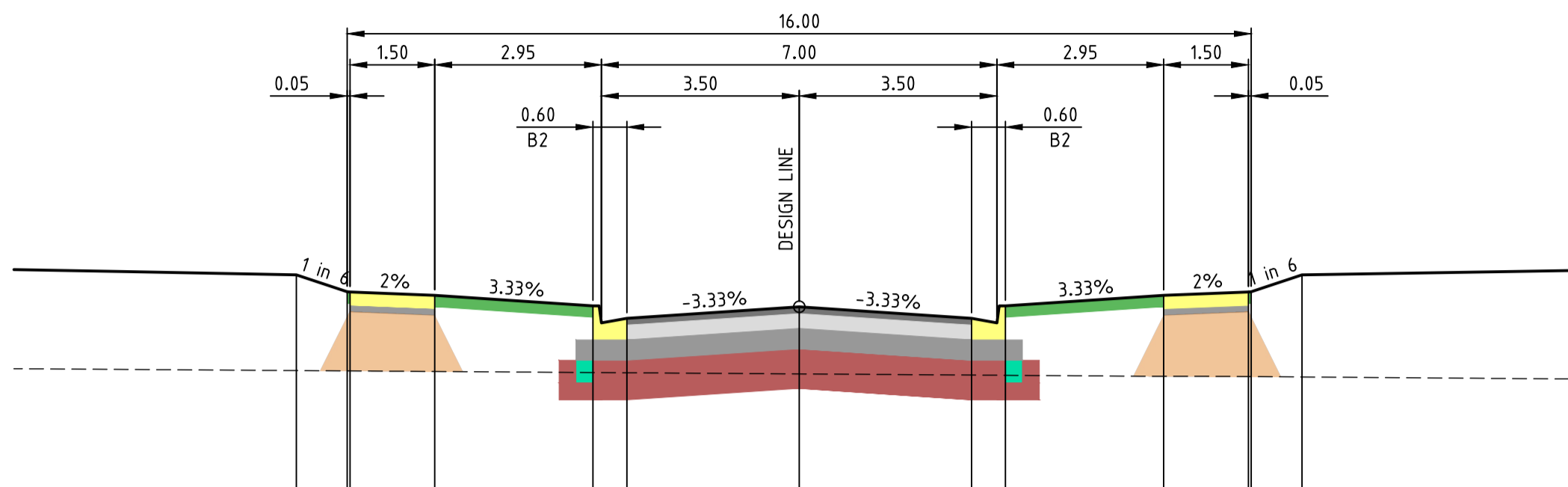
DALTON CONSULTING ENGINEERS
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PRELIMINARY

NOTE: TYPE A STRUCTURAL FILL
 TYPE A STRUCTURAL FILL MATERIAL IN ACCORDANCE WITH THE REQUIREMENTS OF TABLE 201.10Q OF THE WYNDHAM CITY COUNCIL SUBDIVISION GUIDELINES AND SHALL BE FREE OF TOPSOIL, DELETERIOUS MATERIAL AND PERISHABLE MATTER. ALL FILL AREAS MUST ENSURE LEVEL 1 SUPERVISION IS MAINTAINED PER AS3798-2007

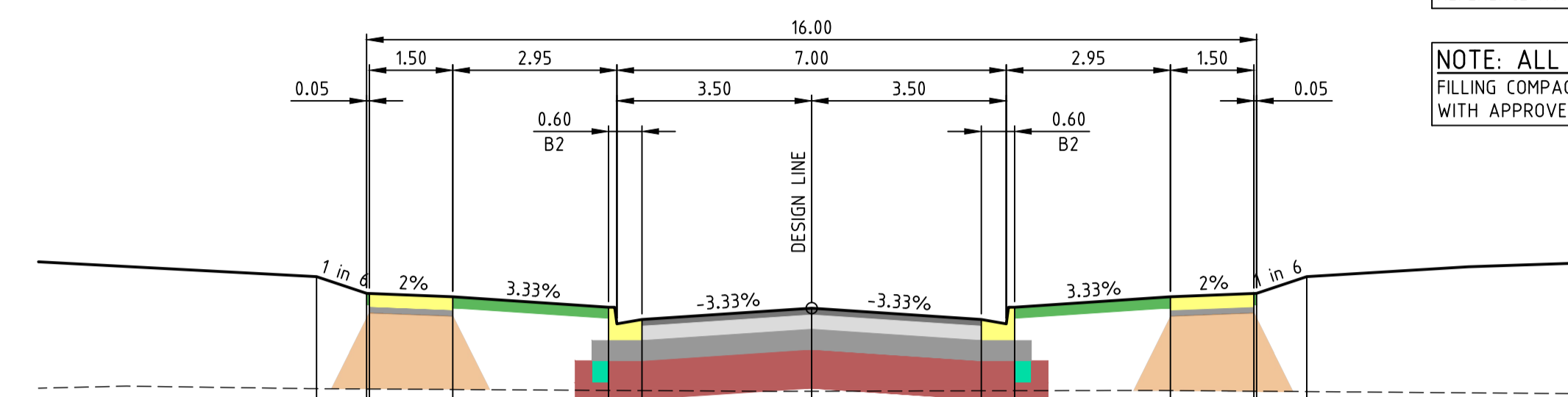
NOTE: BULK EARTHWORKS (BEW)
 FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)

NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



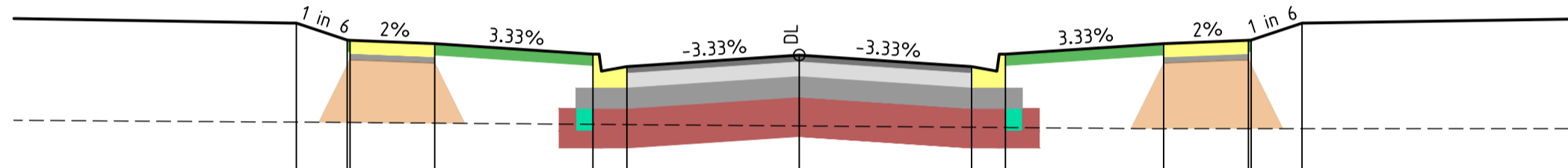
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DESIGN SURFACE	20.459, 20.459, 20.338, 20.308, 20.215, 20.105, 20.206, 20.105, 20.215, 20.308, 20.338, 20.459
BEW SURFACE	20.450, 20.450, 20.340, 20.308, 20.215, 20.105, 20.207, 20.105, 20.215, 20.308, 20.338, 20.449
EXISTING SURFACE	19.643, 19.644, 19.635, 19.626, 19.624, 19.614, 19.604, 19.602, 19.593, 19.587, 19.587, 19.587
OFFSET	-8.900, -8.900, -6.450, -3.650, -3.050, 0.000, 3.050, 3.650, 6.450, 7.950, 8.000, 8.900

CH 434.050



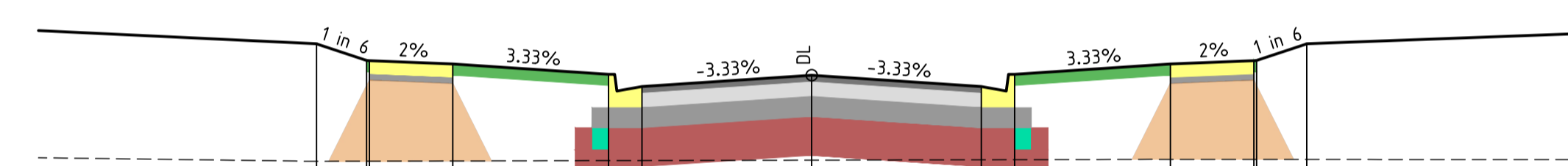
DATUM RL19.000	
DESIGN SURFACE	20.688, 20.688, 20.538, 20.536, 20.413, 20.303, 20.404, 20.303, 20.413, 20.506, 20.536, 20.688
BEW SURFACE	20.688, 20.688, 20.538, 20.536, 20.413, 20.303, 20.405, 20.303, 20.413, 20.506, 20.536, 20.688
EXISTING SURFACE	19.688, 19.677, 19.677, 19.673, 19.665, 19.663, 19.657, 19.661, 19.662, 19.663, 19.658, 19.657
OFFSET	-8.900, -8.900, -6.450, -3.650, -3.050, 0.000, 3.050, 3.650, 6.450, 7.950, 8.000, 8.900

CH 473.650



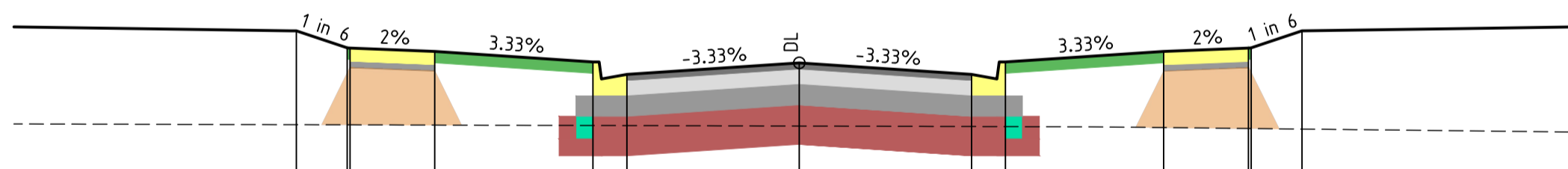
DATUM RL18.000	
DESIGN SURFACE	20.472, 20.472, 20.277, 20.238, 20.145, 20.035, 20.136, 20.035, 20.145, 20.238, 20.277, 20.472
BEW SURFACE	20.470, 20.470, 20.268, 20.238, 20.145, 20.035, 20.137, 20.035, 20.145, 20.238, 20.268, 20.470
EXISTING SURFACE	19.544, 19.544, 19.534, 19.523, 19.521, 19.509, 19.498, 19.495, 19.485, 19.485, 19.485, 19.485
OFFSET	-8.900, -8.900, -6.450, -3.650, -3.050, 0.000, 3.050, 3.650, 6.450, 7.950, 8.000, 8.900

CH 420.050



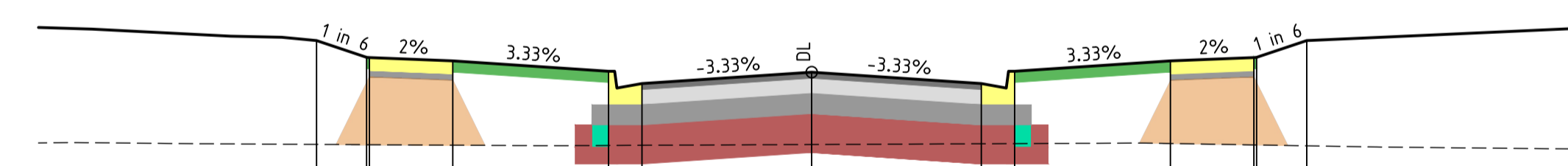
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DESIGN SURFACE	20.644, 20.644, 20.494, 20.493, 20.389, 20.259, 20.381, 20.259, 20.389, 20.493, 20.644
BEW SURFACE	20.645, 20.645, 20.495, 20.493, 20.370, 20.260, 20.361, 20.260, 20.370, 20.493, 20.645
EXISTING SURFACE	19.587, 19.588, 19.588, 19.584, 19.593, 19.594, 19.597, 19.601, 19.601, 19.603, 19.603
OFFSET	-8.900, -8.900, -6.450, -3.650, -3.050, 0.000, 3.050, 3.650, 6.450, 7.950, 8.000, 8.900

CH 465.000



DATUM RL18.000	
DESIGN SURFACE	20.35, 20.35, 20.2, 20.168, 20.075, 19.965, 20.066, 19.965, 20.075, 20.168, 20.35
BEW SURFACE	20.350, 20.350, 20.200, 20.168, 20.075, 19.965, 20.067, 19.965, 20.075, 20.168, 20.350
EXISTING SURFACE	19.572, 19.519, 19.519, 19.517, 19.513, 19.512, 19.508, 19.504, 19.503, 19.497, 19.486, 19.482
OFFSET	-8.900, -8.900, -6.450, -3.650, -3.050, 0.000, 3.050, 3.650, 6.450, 7.950, 8.000, 8.900

CH 406.050



DATUM RL18.000	
DESIGN SURFACE	20.55, 20.55, 20.400, 20.398, 20.275, 20.165, 20.266, 20.165, 20.275, 20.368, 20.398, 20.55
BEW SURFACE	20.550, 20.550, 20.400, 20.398, 20.275, 20.165, 20.267, 20.165, 20.275, 20.368, 20.398, 20.550
EXISTING SURFACE	19.619, 19.617, 19.617, 19.613, 19.61, 19.612, 19.618, 19.625, 19.627, 19.628, 19.615, 19.614
OFFSET	-8.900, -8.900, -6.450, -3.650, -3.050, 0.000, 3.050, 3.650, 6.450, 7.950, 8.000, 8.900

CH 446.050

GRAMPIANS AVENUE

NOT TO BE USED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	AMEND	APPD
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN

LEGEND

- ASPHALT
- BASE
- SUBBASE
- CAPPING/CONSTRUCTION LAYER
- AG DRAIN
- CONCRETE
- TOPSOIL & SEED
- STRUCTURAL FILL
- EXISTING SURFACE
- FINISHED SURFACE
- BEW SURFACE

Drawn dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.
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DEVELOPMENT VICTORIA
 Coords: MGA Levels: AHD
 BEFORE YOU DIG
 www.byda.com.au
 H 0m 1m 2m 4m 6m
 V 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 H1:100/200 V1:50/100

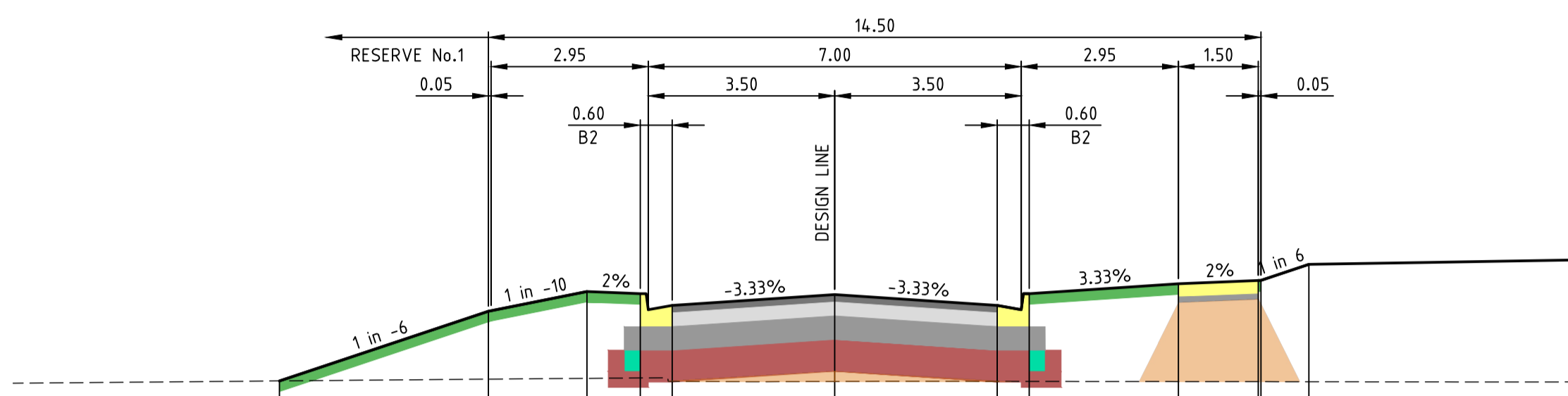
RIVERWALK
 STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 CROSS SECTIONS
 SHEET 05 OF 10
 Drawing No. 10940XS05
 Sheet No. 24 of 40

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 T +61 3 5246 1700
 T +61 7 3374 9000
 E info@dceng.com.au
PRELIMINARY

NOTE: TYPE A STRUCTURAL FILL
 TYPE A STRUCTURAL FILL MATERIAL IN ACCORDANCE WITH THE REQUIREMENTS OF TABLE 201.10Q OF THE WYNDHAM CITY COUNCIL SUBDIVISION GUIDELINES AND SHALL BE FREE OF TOPSOIL, DELETERIOUS MATERIAL AND PERISHABLE MATTER. ALL FILL AREAS MUST ENSURE LEVEL 1 SUPERVISION IS MAINTAINED PER AS3798-2007

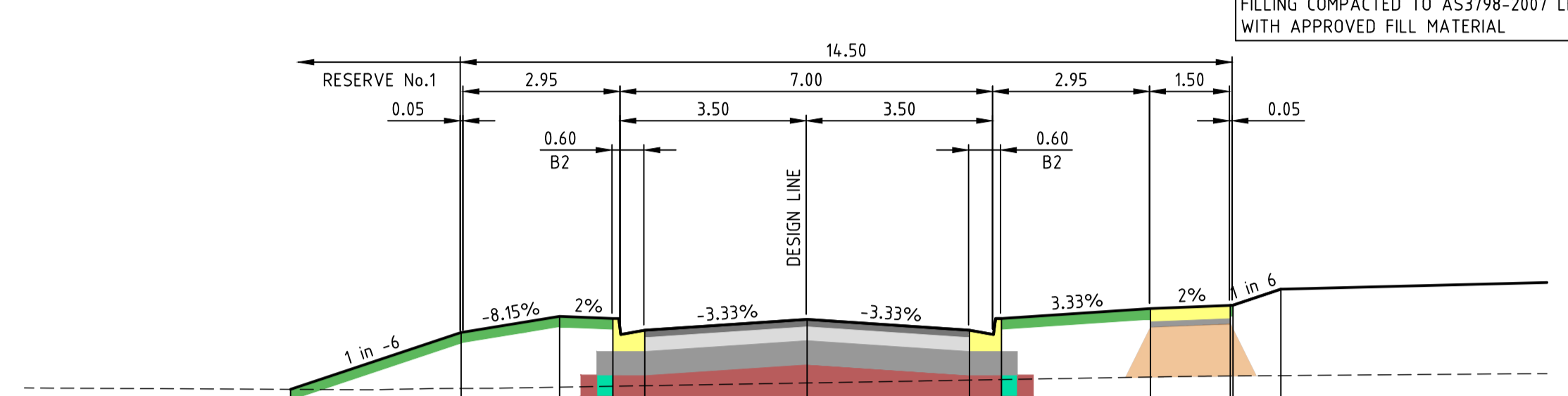
NOTE: BULK EARTHWORKS (BEW)
 FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)

NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



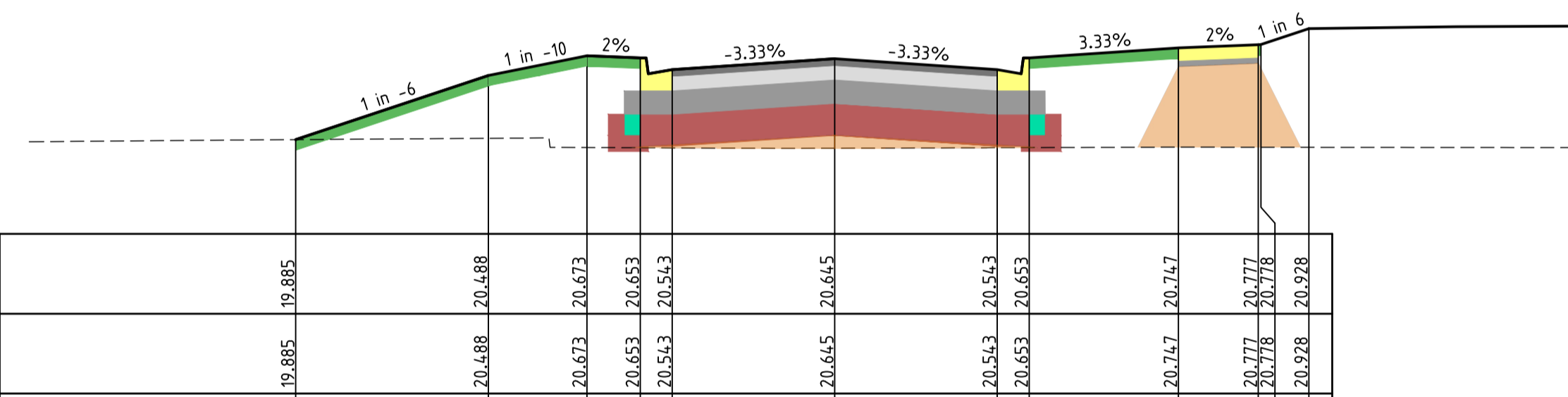
	0.05	2.95	7.00	3.50	2.95	1.50	0.05
DESIGN SURFACE	19.831	20.485	20.67	20.65	20.54	20.743	20.772
BEW SURFACE	19.831	20.485	20.67	20.65	20.54	20.743	20.772
EXISTING SURFACE	19.831	19.848	19.855	19.858	19.877	19.876	19.874
OFFSET	-10.423	-6.500	-4.650	-3.650	-3.050	0.000	3.050

CH 21.774



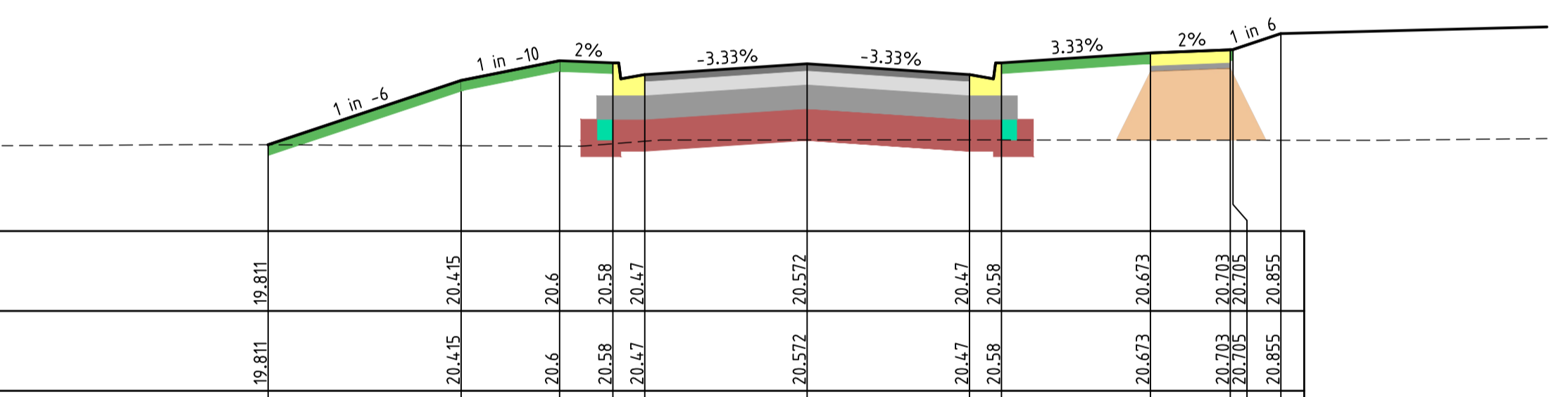
	0.05	2.95	7.00	3.50	2.95	1.50	0.05
DESIGN SURFACE	19.758	20.423	20.443	20.423	20.415	20.517	20.547
BEW SURFACE	19.758	20.423	20.443	20.423	20.415	20.517	20.547
EXISTING SURFACE	19.758	19.767	19.779	19.788	19.819	19.814	19.884
OFFSET	-9.704	-6.500	-4.650	-3.650	0.000	3.050	7.950

CH 42.774



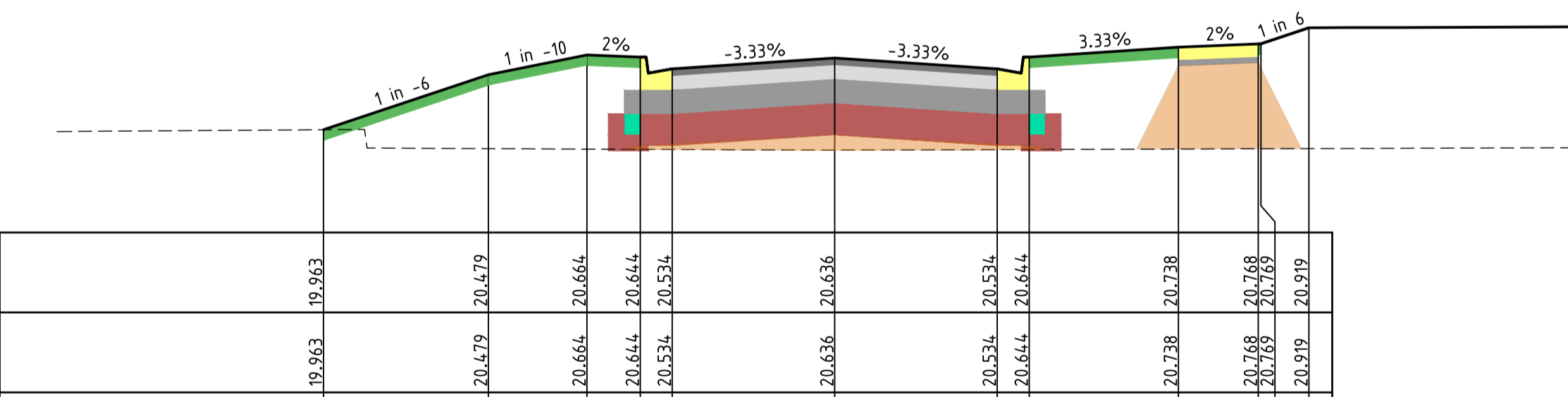
	0.05	2.95	7.00	3.50	2.95	1.50	0.05
DESIGN SURFACE	19.885	20.488	20.673	20.653	20.543	20.747	20.777
BEW SURFACE	19.885	20.488	20.673	20.653	20.543	20.747	20.777
EXISTING SURFACE	19.885	19.898	19.811	19.809	19.811	19.816	19.818
OFFSET	-10.119	-6.500	-4.650	-3.650	-3.050	0.000	3.050

CH 18.669



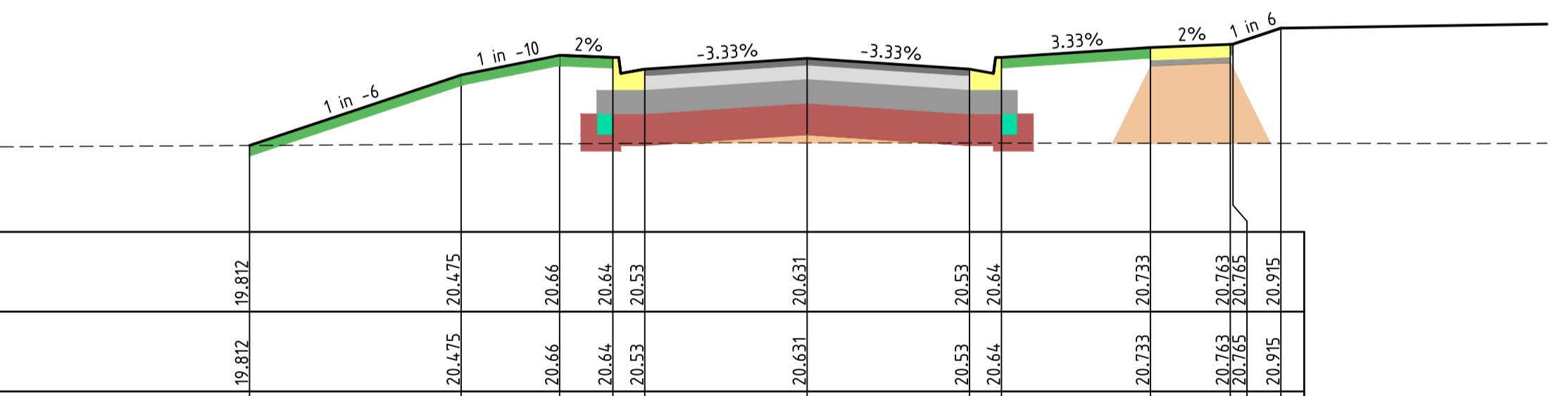
	0.05	2.95	7.00	3.50	2.95	1.50	0.05
DESIGN SURFACE	19.811	20.415	20.6	20.58	20.47	20.572	20.703
BEW SURFACE	19.811	20.415	20.6	20.58	20.47	20.572	20.703
EXISTING SURFACE	19.811	19.802	19.798	19.821	19.844	19.856	19.854
OFFSET	-10.126	-6.500	-4.650	-3.650	-3.050	0.000	7.950

CH 32.274



	0.05	2.95	7.00	3.50	2.95	1.50	0.05
DESIGN SURFACE	19.963	20.479	20.664	20.644	20.534	20.738	20.768
BEW SURFACE	19.963	20.479	20.664	20.644	20.534	20.738	20.768
EXISTING SURFACE	19.963	19.786	19.782	19.78	19.778	19.785	19.785
OFFSET	-9.536	-6.500	-4.650	-3.650	-3.050	0.000	3.050

CH 13.856



	0.05	2.95	7.00	3.50	2.95	1.50	0.05
DESIGN SURFACE	19.812	20.475	20.666	20.64	20.53	20.631	20.763
BEW SURFACE	19.812	20.475	20.666	20.64	20.53	20.631	20.763
EXISTING SURFACE	19.812	19.823	19.828	19.831	19.832	19.837	19.833
OFFSET	-10.426	-6.500	-4.650	-3.650	-3.050	0.000	7.950

CH 24.553

HANGER STREET

NOT TO BE USED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	AMEND	APP'D
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN

LEGEND

- ASPHALT
- BASE
- SUBBASE
- CAPPING/CONSTRUCTION LAYER
- AG DRAIN
- CONCRETE
- TOPSOIL & SEED
- STRUCTURAL FILL

--- EXISTING SURFACE
 — FINISHED SURFACE
 --- BEW SURFACE

Drawing File: C:\2d_Synergy\delta\ENERGY-ME\10940-Riverwalk - Stage 40_2408\3_Design\1_A000\4_B01
 10940\0301.dwg - XS06
 Date/Time: Wed Nov 30, 2022 - 4:38pm - Franck

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.
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Coords: MGA Levels: AHD
 Scale @ A1/A3
 H: 0m 1m 2m 4m 6m
 V: 0m 0.5m 1m 2m 3m
 H1:100/200 V1:50/100

RIVERWALK
 STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 CROSS SECTIONS
 SHEET 06 OF 10
 Drawing No. 10940XS06
 Sheet No. 25 of 40

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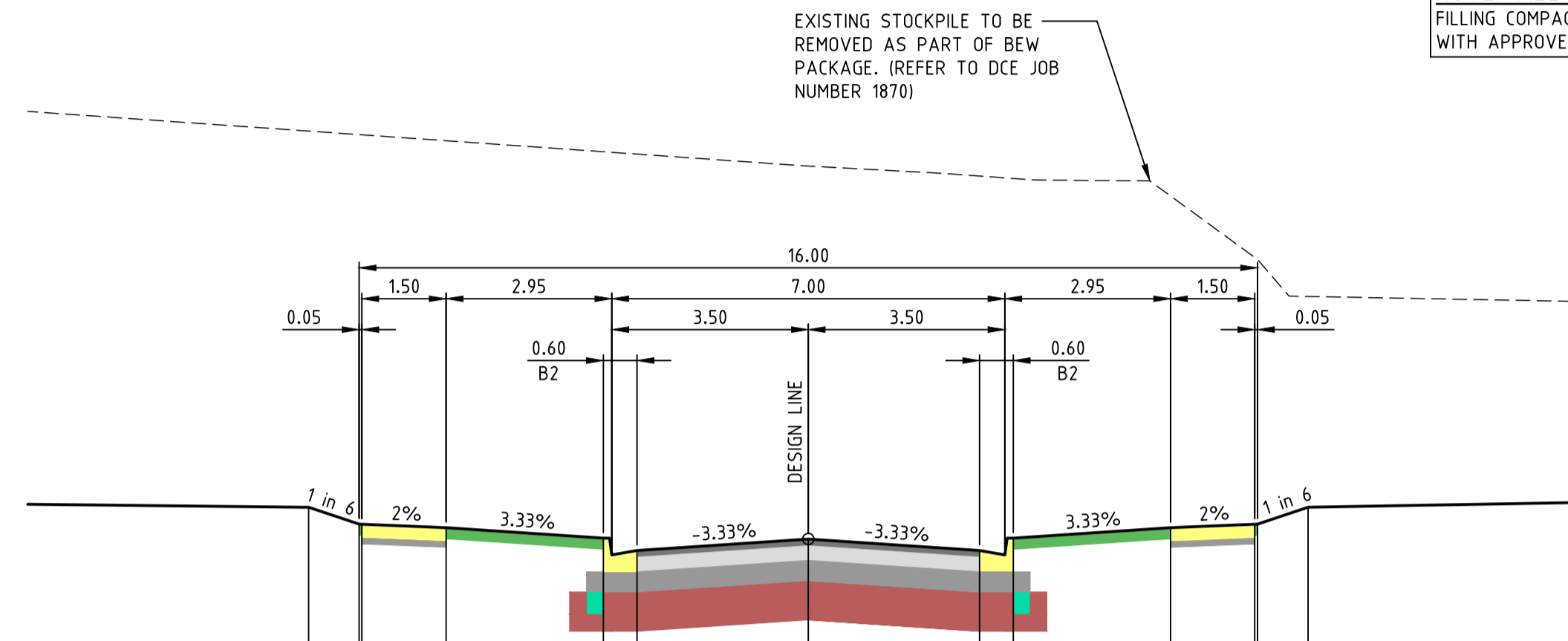
T +61 3 9813 7400
 T +61 3 5246 1700
 T +61 7 3374 9000
 E info@dceng.com.au

PRELIMINARY

NOTE: TYPE A STRUCTURAL FILL
 TYPE A STRUCTURAL FILL MATERIAL IN ACCORDANCE WITH THE REQUIREMENTS OF TABLE 201.10Q OF THE WYNDHAM CITY COUNCIL SUBDIVISION GUIDELINES AND SHALL BE FREE OF TOPSOIL, DELETERIOUS MATERIAL AND PERISHABLE MATTER. ALL FILL AREAS MUST ENSURE LEVEL 1 SUPERVISION IS MAINTAINED PER AS3798-2007

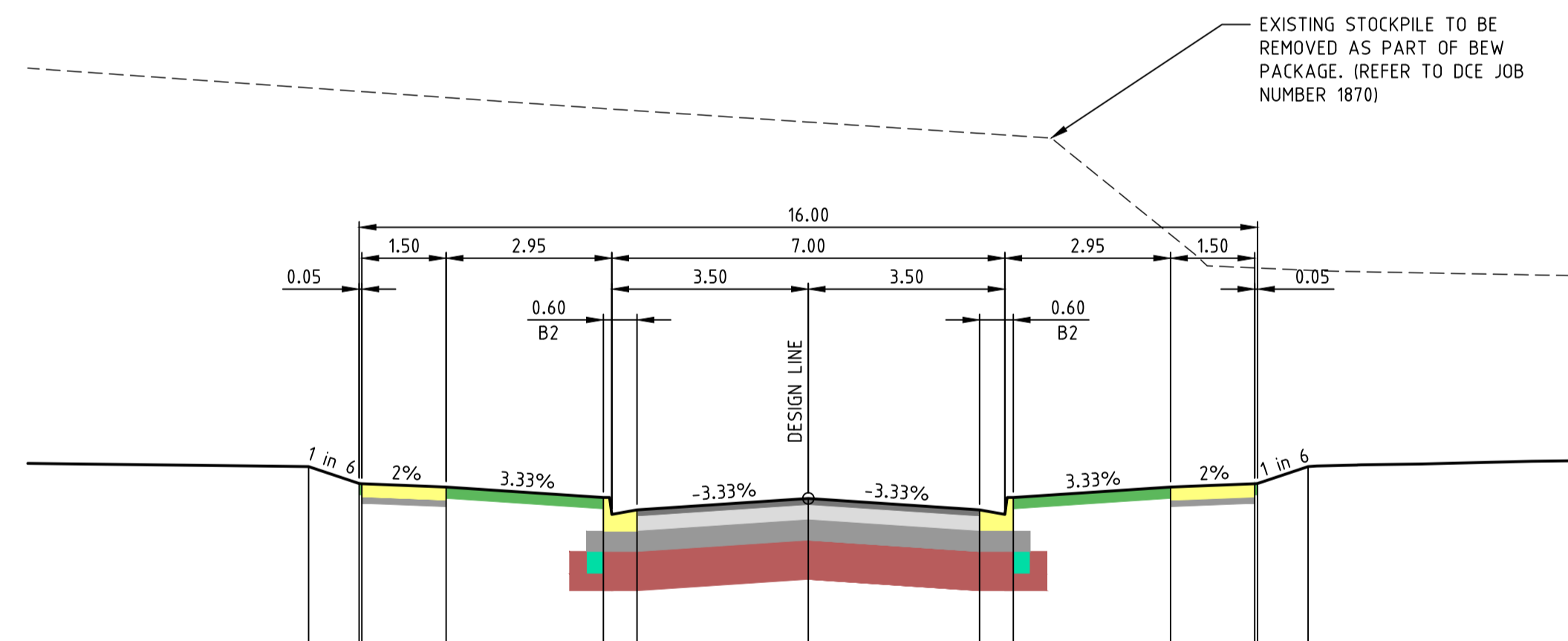
NOTE: BULK EARTHWORKS (BEW)
 FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)

NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



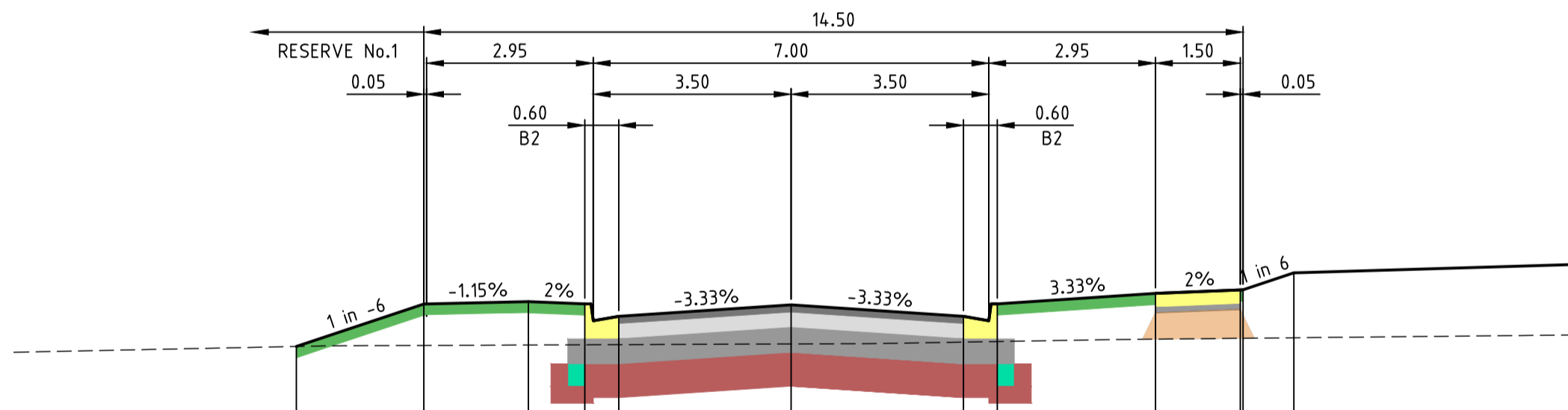
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DESIGN SURFACE																		
BEW SURFACE																		
EXISTING SURFACE																		
OFFSET																		

CH 24.310



DATUM RL18.000																		
DESIGN SURFACE																		
BEW SURFACE																		
EXISTING SURFACE																		
OFFSET																		

CH 18.717



DATUM RL18.000																		
DESIGN SURFACE																		
BEW SURFACE																		
EXISTING SURFACE																		
OFFSET																		

CH 53.204 53.274

HANGER STREET

BATCHELOR STREET

NOT TO BE USED FOR CONSTRUCTION

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN
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LEGEND

- ASPHALT
- BASE
- SUBBASE
- CAPPING/CONSTRUCTION LAYER
- AG DRAIN
- CONCRETE
- TOPSOIL & SEED
- STRUCTURAL FILL
- EXISTING SURFACE
- FINISHED SURFACE
- BEW SURFACE

Drawing File: C:\12a_Synergy\deltaelta\ENERGY-ME\10940-Riverwalk - Stage 40_2408\3_Design\1_A040\4_B0\10940X01.dwg - 7/30/22
 Date/Time: Wed Nov 30, 2022 - 4:38pm - Frank



Scale @ A1/A3
 H 0m 1m 2m 4m 6m
 V 0m 0.5m 1m 2m 3m
 H1:100/200 V1:50/100

RIVERWALK
 STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 CROSS SECTIONS
 SHEET 07 OF 10
 Drawing No. 10940XS07
 Sheet No. 26 of 40

Rev D

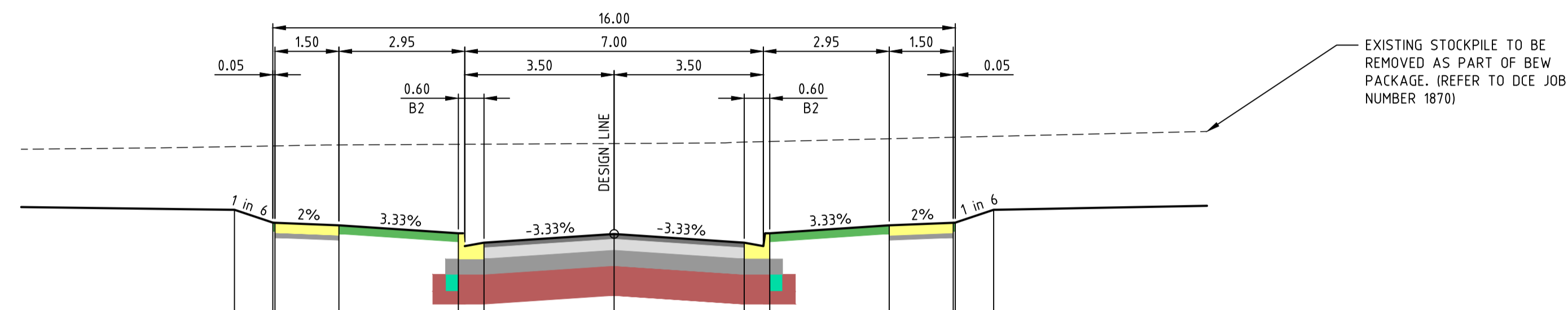
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PRELIMINARY

NOTE: TYPE A STRUCTURAL FILL
 TYPE A STRUCTURAL FILL MATERIAL IN ACCORDANCE WITH THE REQUIREMENTS OF TABLE 201.10Q OF THE WYNDHAM CITY COUNCIL SUBDIVISION GUIDELINES AND SHALL BE FREE OF TOPSOIL, DELETERIOUS MATERIAL AND PERISHABLE MATTER. ALL FILL AREAS MUST ENSURE LEVEL 1 SUPERVISION IS MAINTAINED PER AS3798-2007

NOTE: BULK EARTHWORKS (BEW)
 FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)

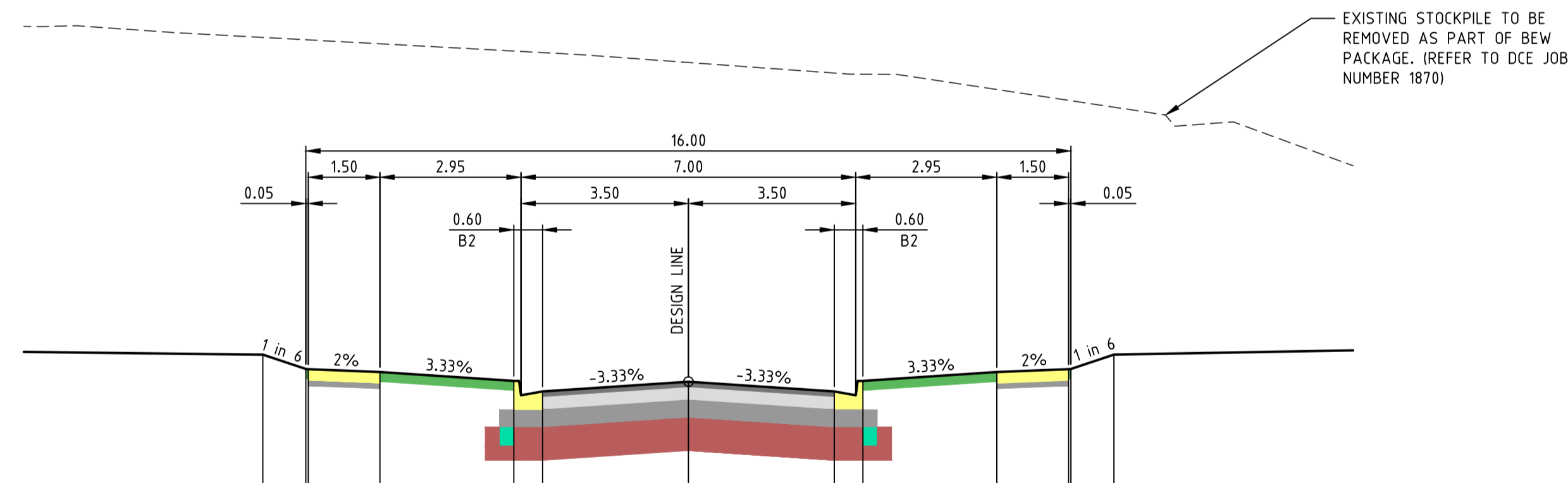
NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



DATUM RL18.000

	0.05	1.50	2.95	7.00	3.50	2.95	1.50	0.05
DESIGN SURFACE		20.303	20.303	20.028	20.028	20.028	20.153	20.303
BEW SURFACE		20.303	20.153	20.028	20.028	20.028	20.153	20.303
EXISTING SURFACE		21.043	21.051	21.071	21.071	21.071	21.051	21.043
OFFSET		-8.900	-8.000	-3.650	-3.050	0.000	-3.650	-8.000

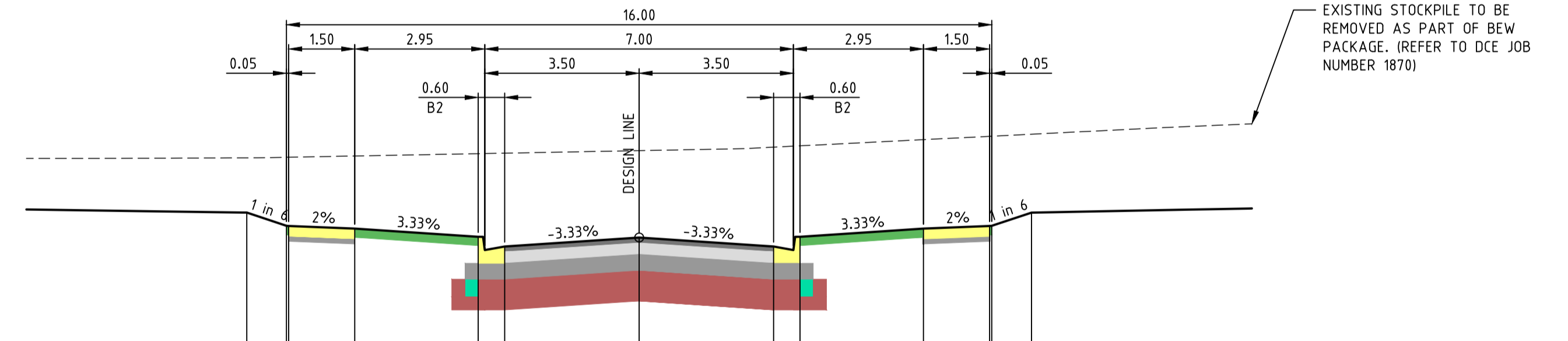
CH 45.310



DATUM RL18.000

	0.05	1.50	2.95	7.00	3.50	2.95	1.50	0.05
DESIGN SURFACE		20.246	20.094	19.971	19.861	19.971	20.094	20.246
BEW SURFACE		20.246	20.094	19.971	19.861	19.971	20.094	20.246
EXISTING SURFACE		23.564	23.538	23.405	23.179	23.019	23.405	23.564
OFFSET		-8.900	-7.950	-3.650	-3.050	0.000	-3.650	-7.950

CH 34.810



DATUM RL18.000

	0.05	1.50	2.95	7.00	3.50	2.95	1.50	0.05
DESIGN SURFACE		20.360	20.210	20.077	19.975	20.077	20.210	20.360
BEW SURFACE		20.360	20.210	20.077	19.975	20.077	20.210	20.360
EXISTING SURFACE		20.981	20.988	21.002	21.034	21.002	20.988	20.981
OFFSET		-8.900	-8.000	-3.650	-3.050	0.000	-3.650	-8.000

CH 55.810

BATCHELOR STREET

NOT TO BE USED FOR CONSTRUCTION

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN
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LEGEND

- ASPHALT
- BASE
- SUBBASE
- CAPPING/CONSTRUCTION LAYER
- AG DRAIN
- CONCRETE
- TOPSOIL & SEED
- STRUCTURAL FILL
- EXISTING SURFACE
- FINISHED SURFACE
- BEW SURFACE

Drawing File: C:\2d_Synergy\delta\ENERGY-ME\10940-1870\10940-1870.dwg - Stage 40_2408'3_Design\1_ACO\4_1870.dwg
 Date/Time: Wed Nov 30, 2022 - 4:38pm - Franck

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.



Coords: MGA Levels: AHD
 H 0m 1m 2m 4m 6m
 V 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 H1:100/200 V1:50/100

RIVERWALK STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
CROSS SECTIONS
SHEET 08 OF 10
Drawing No. 10940XS08
 Sheet No. 27 of 40

Rev D

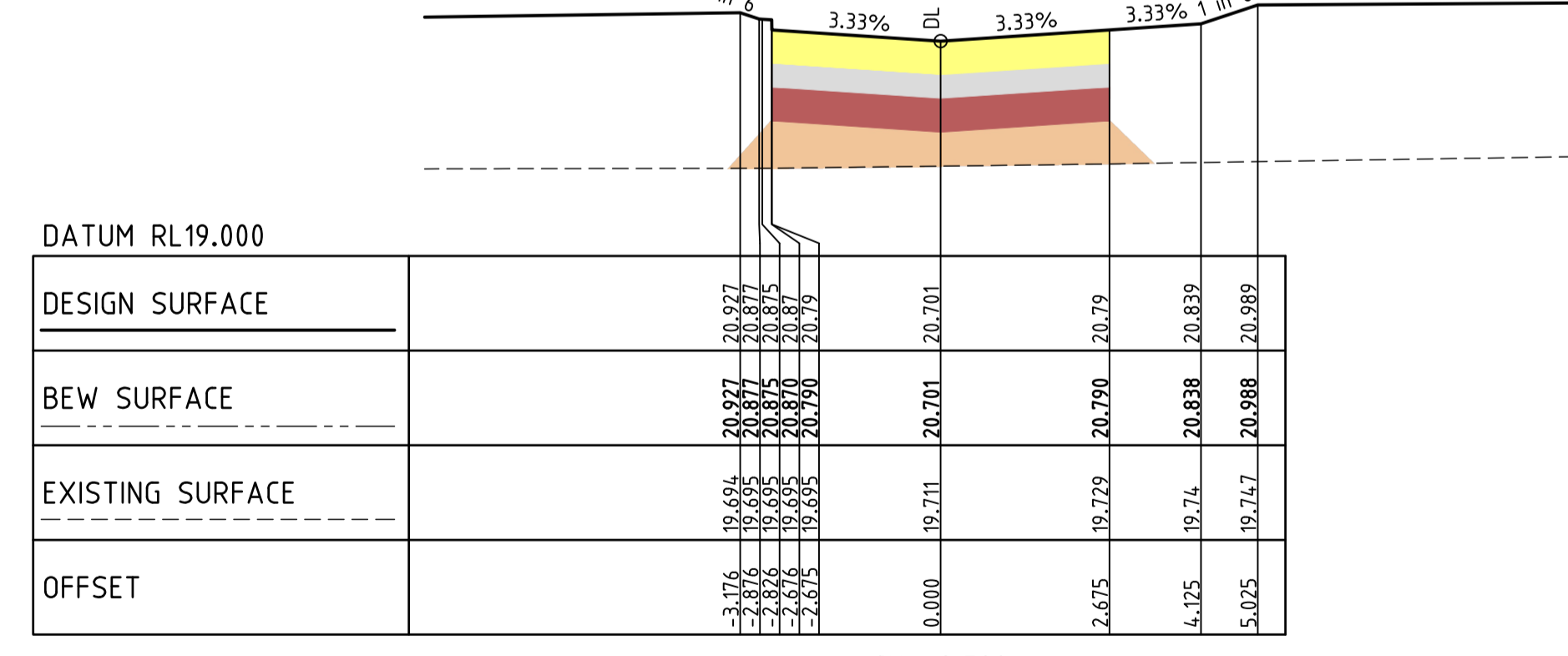
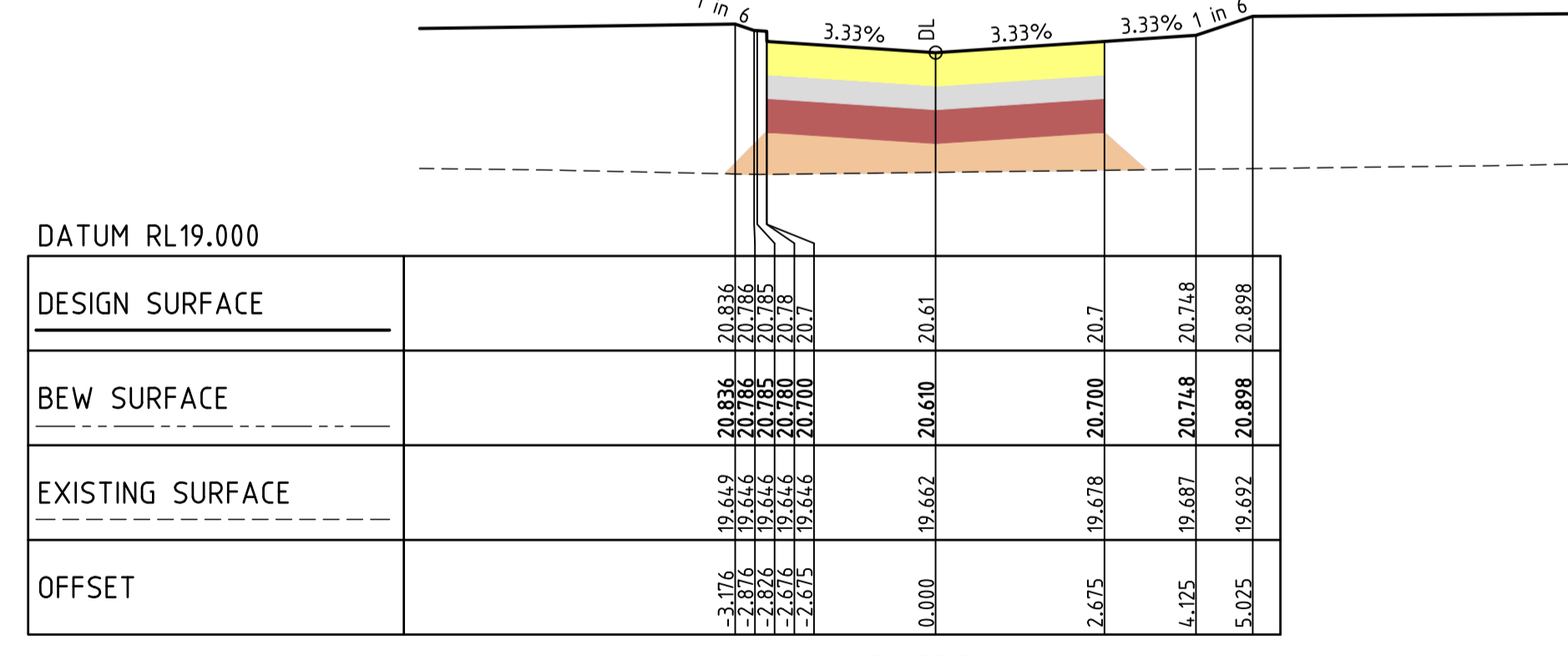
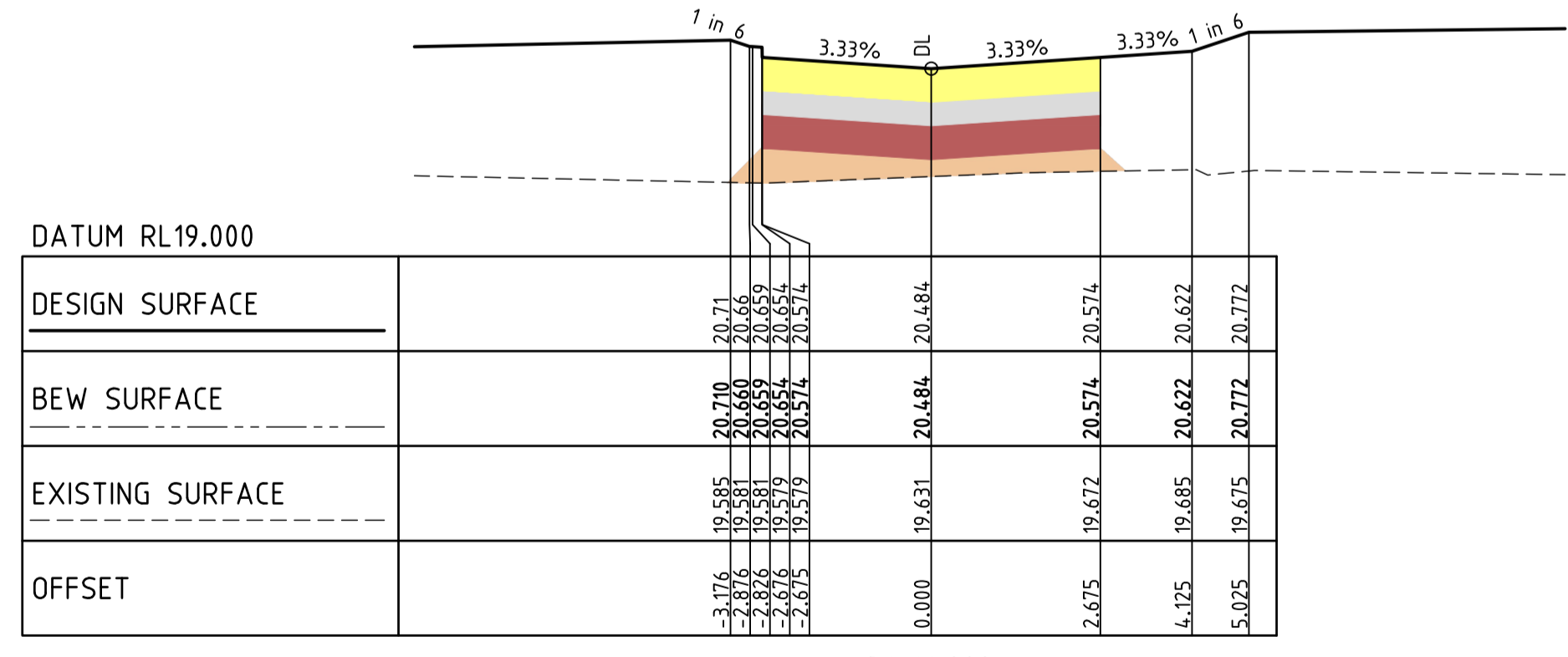
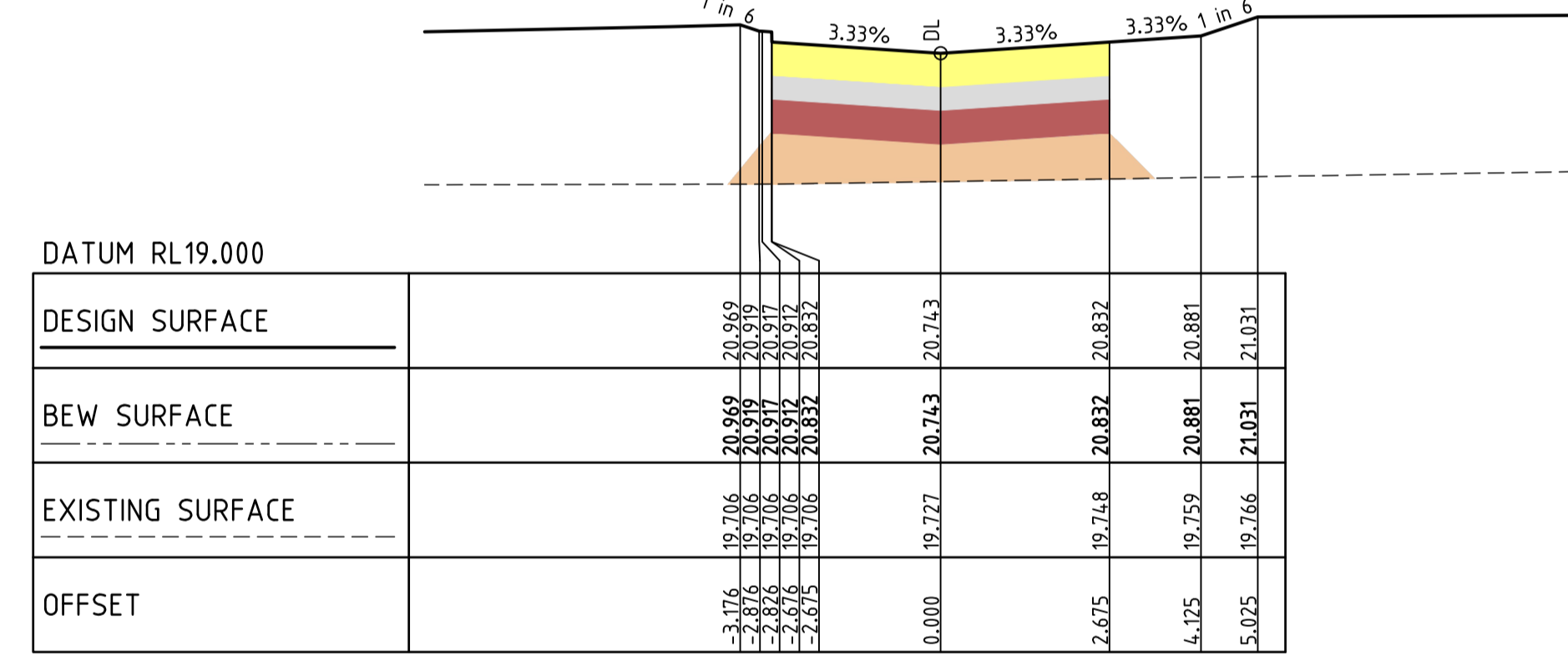
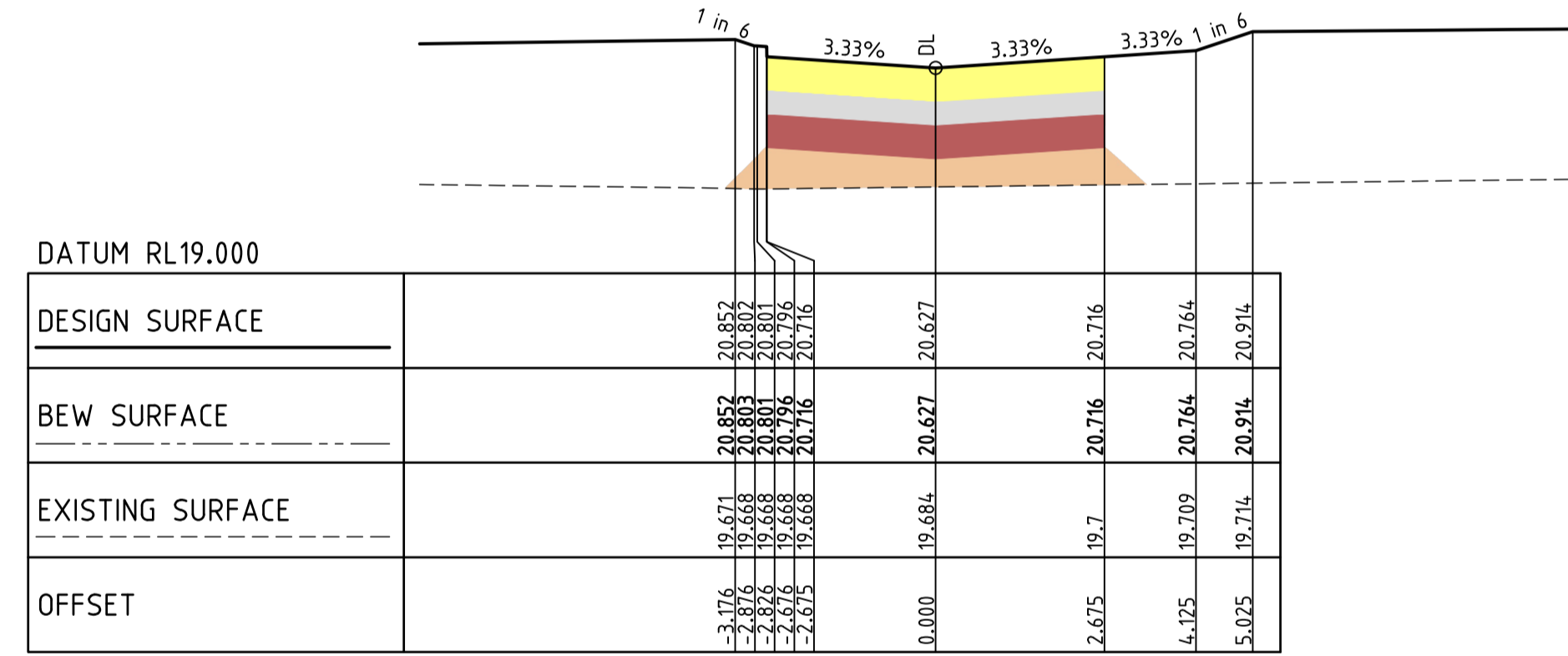
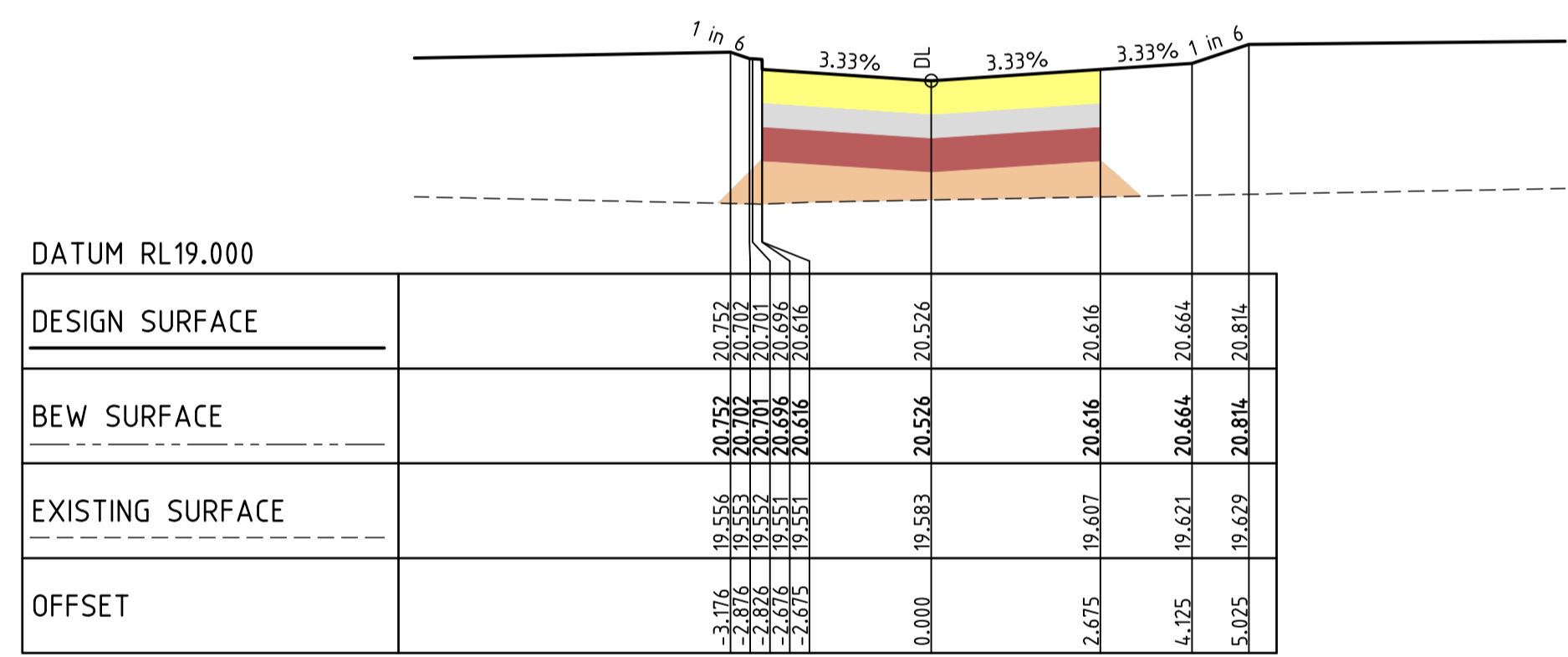
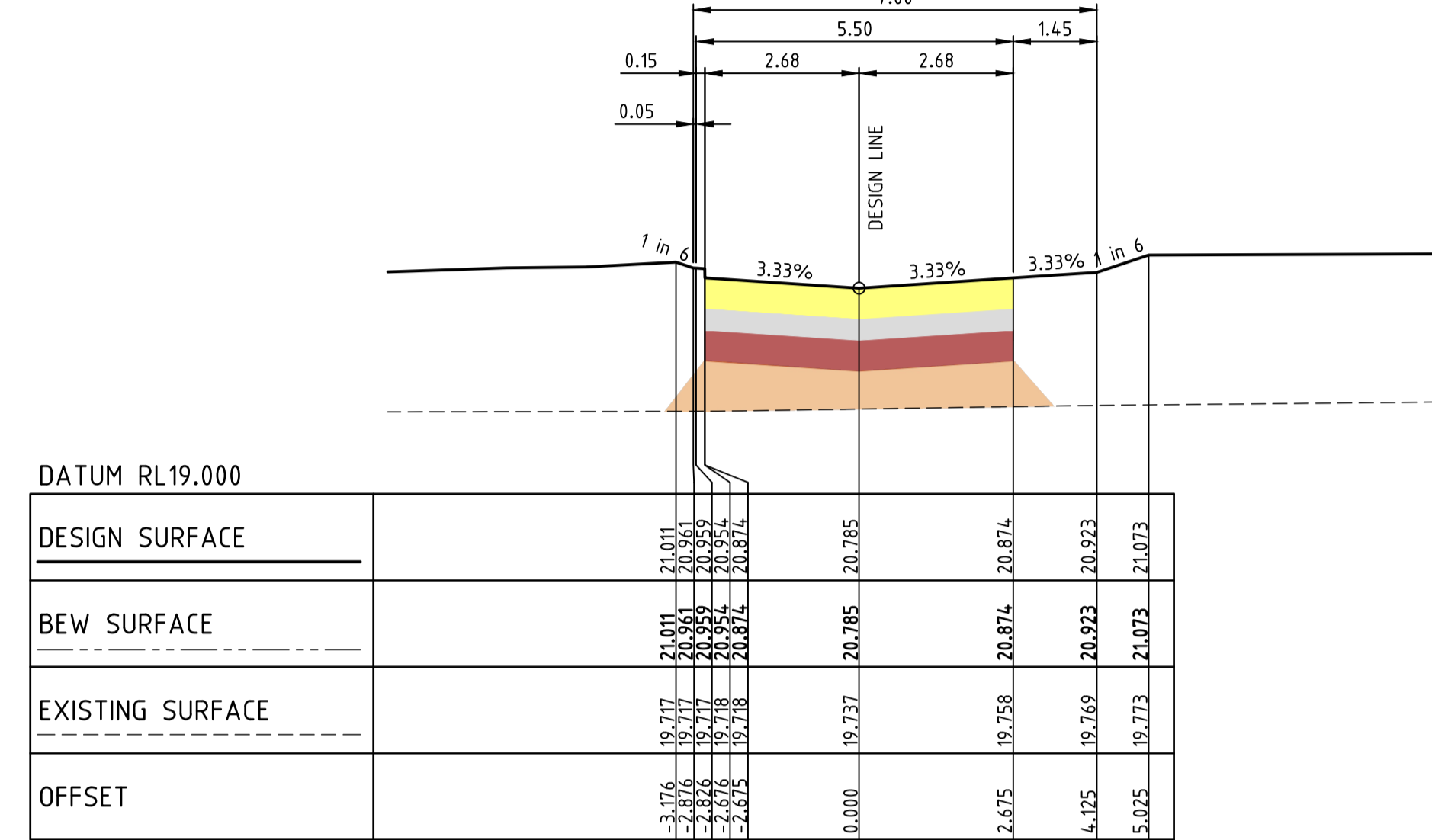
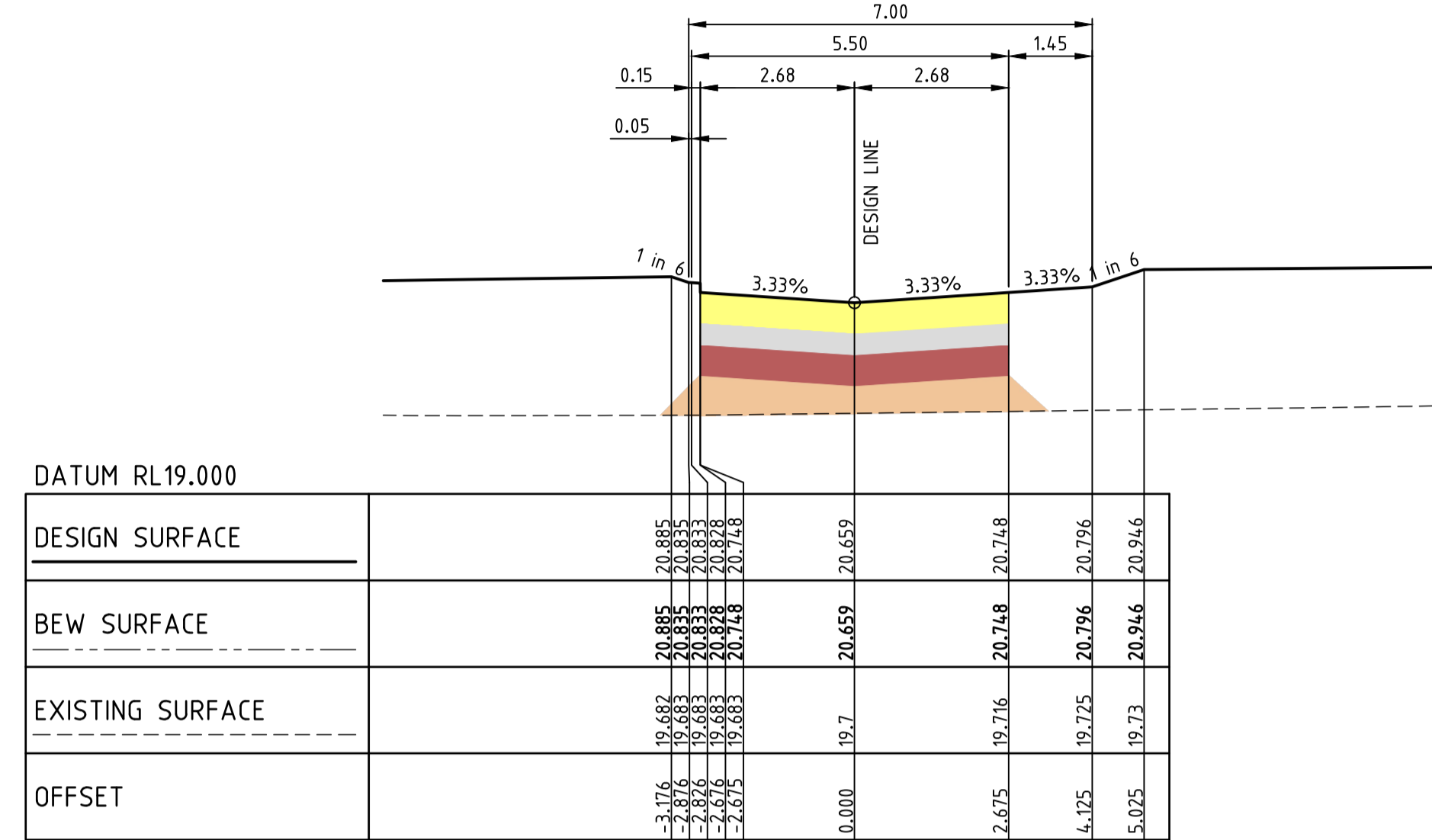
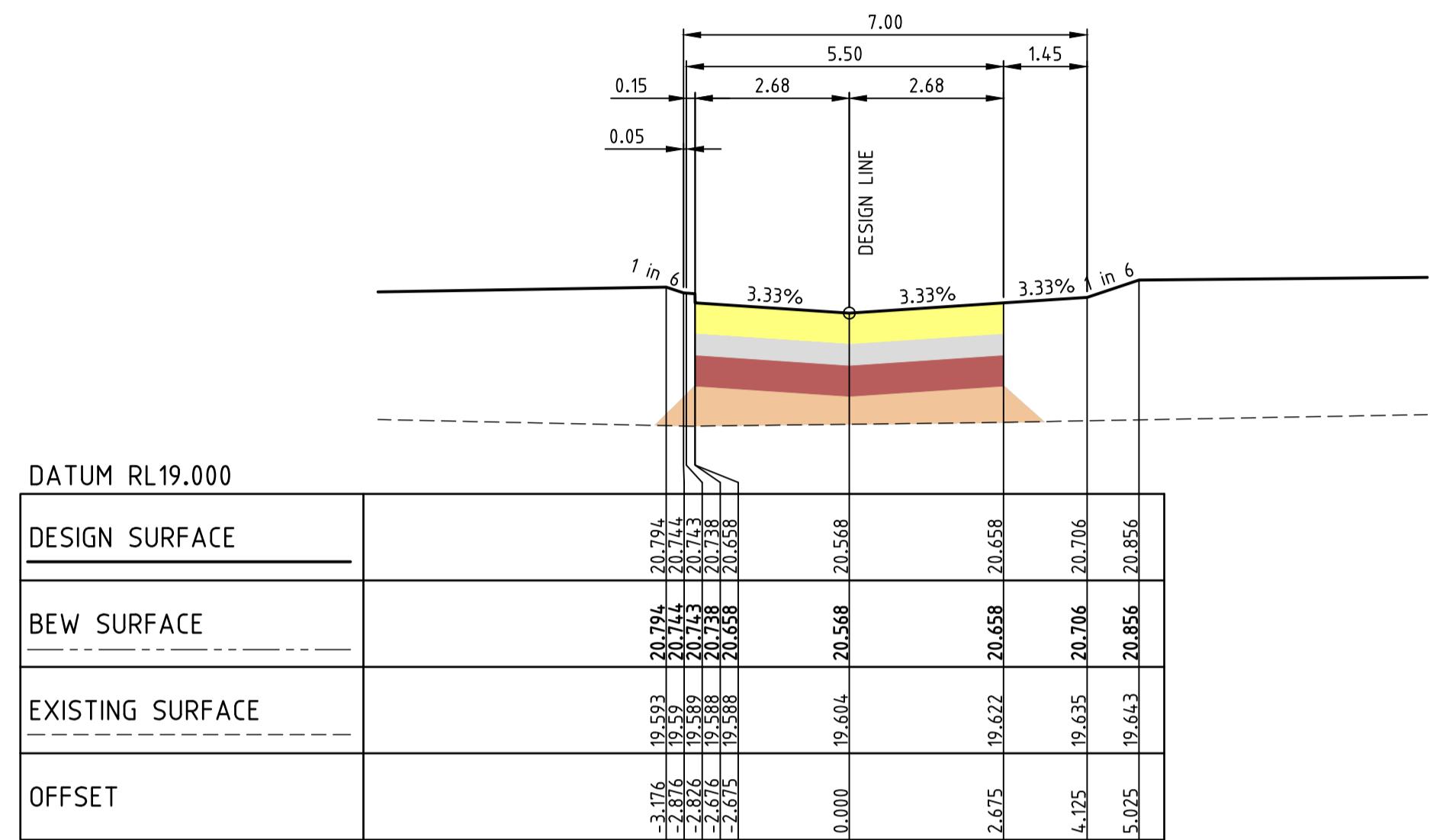
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PRELIMINARY

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NOTE: TYPE A STRUCTURAL FILL
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NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



MOROTAI LANE

NOT TO BE USED FOR CONSTRUCTION

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date 14/09/22
 AN
 AN

LEGEND

- ASPHALT
- BASE
- SUBBASE
- CAPPING/CONSTRUCTION LAYER
- AG DRAIN
- CONCRETE
- TOPSOIL & SEED
- STRUCTURAL FILL

--- EXISTING SURFACE
 --- FINISHED SURFACE
 --- BEW SURFACE

Drawing File: C:\2d_Synergy\delta\delta\ENERGY-ME\10940-Riverwalk - Stage 40_2408\3_Design\1_A00\4-RD\10940XS01.dwg - XS01
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RIVERWALK
 STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 CROSS SECTIONS
 SHEET 09 OF 10
 Drawing No. 10940XS09
 Sheet No. 28 of 40

Rev D

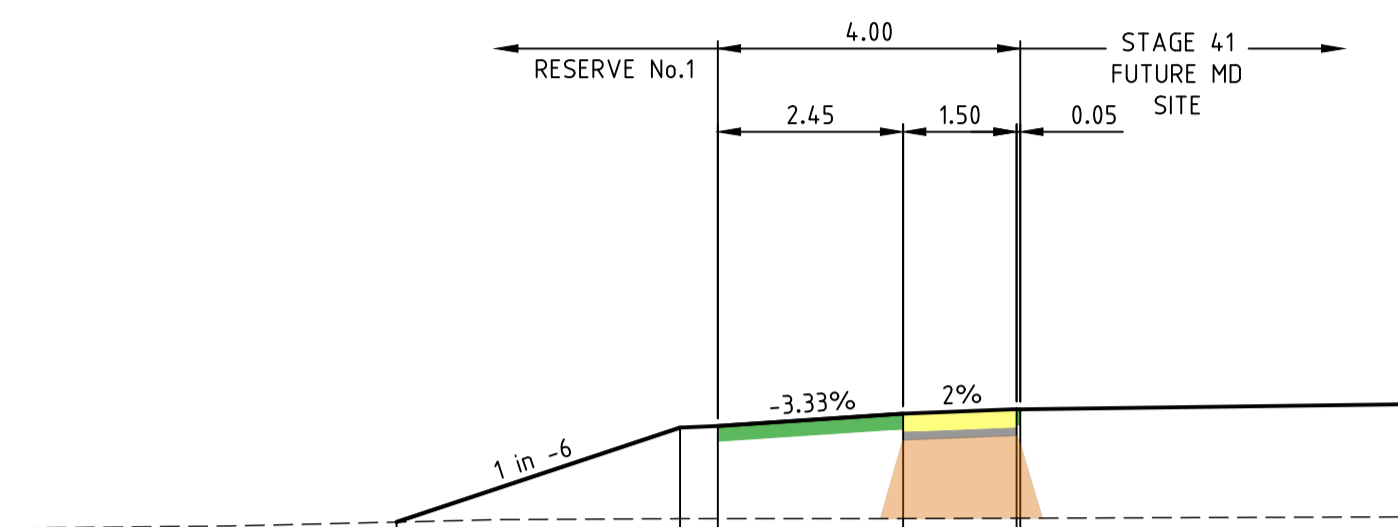
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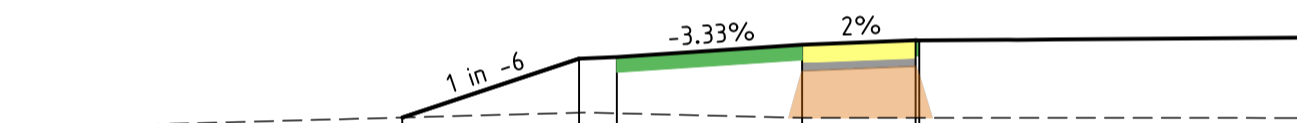
NOTE: BULK EARTHWORKS (BEW)
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NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



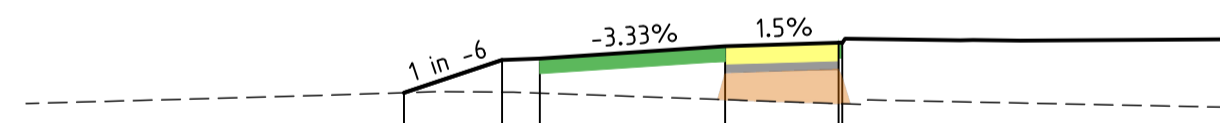
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DESIGN SURFACE					
BEW SURFACE					
EXISTING SURFACE					
OFFSET					

CH 40.000



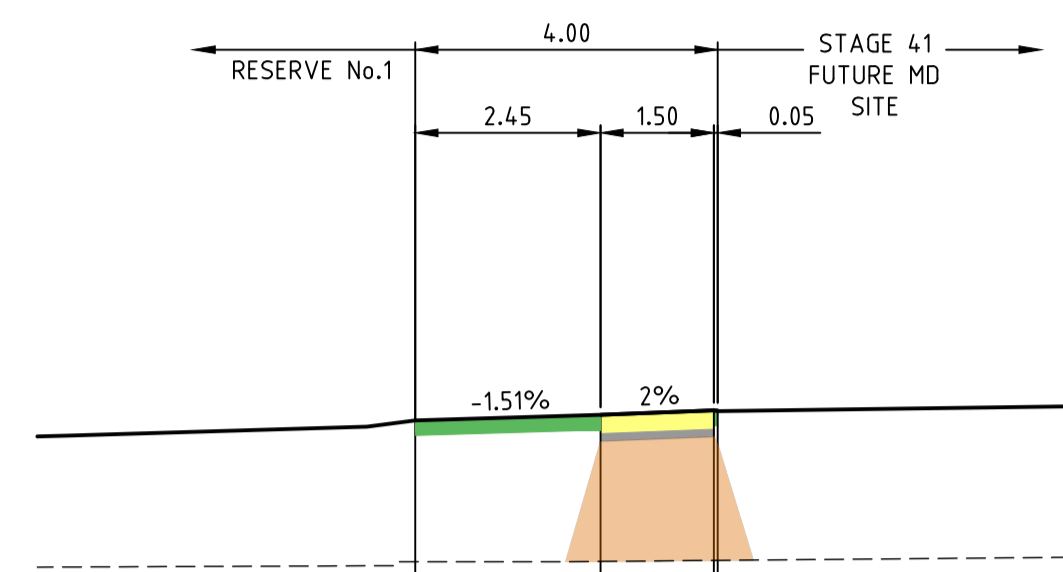
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DESIGN SURFACE					
BEW SURFACE					
EXISTING SURFACE					
OFFSET					

CH 20.000



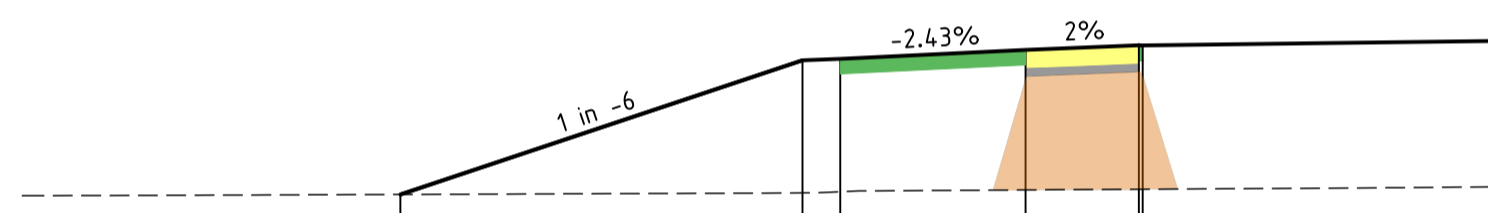
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DESIGN SURFACE					
BEW SURFACE					
EXISTING SURFACE					
OFFSET					

CH 10.000



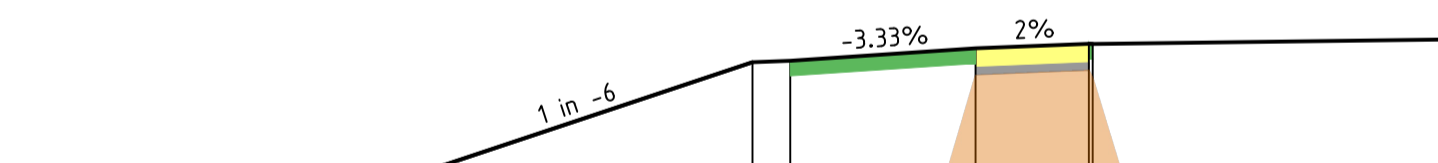
DATUM RL19.000					
DESIGN SURFACE					
BEW SURFACE					
EXISTING SURFACE					
OFFSET					

CH 90.000



DATUM RL19.000					
DESIGN SURFACE					
BEW SURFACE					
EXISTING SURFACE					
OFFSET					

CH 80.000



DATUM RL19.000					
DESIGN SURFACE					
BEW SURFACE					
EXISTING SURFACE					
OFFSET					

CH 60.000

NORDEN WALK

NOT TO BE USED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	AMEND	APP'D
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN

- LEGEND**
- ASPHALT
 - BASE
 - SUBBASE
 - CAPPING/CONSTRUCTION LAYER
 - AG DRAIN
 - CONCRETE
 - TOPSOIL & SEED
 - STRUCTURAL FILL

- EXISTING SURFACE
- FINISHED SURFACE
- BEW SURFACE



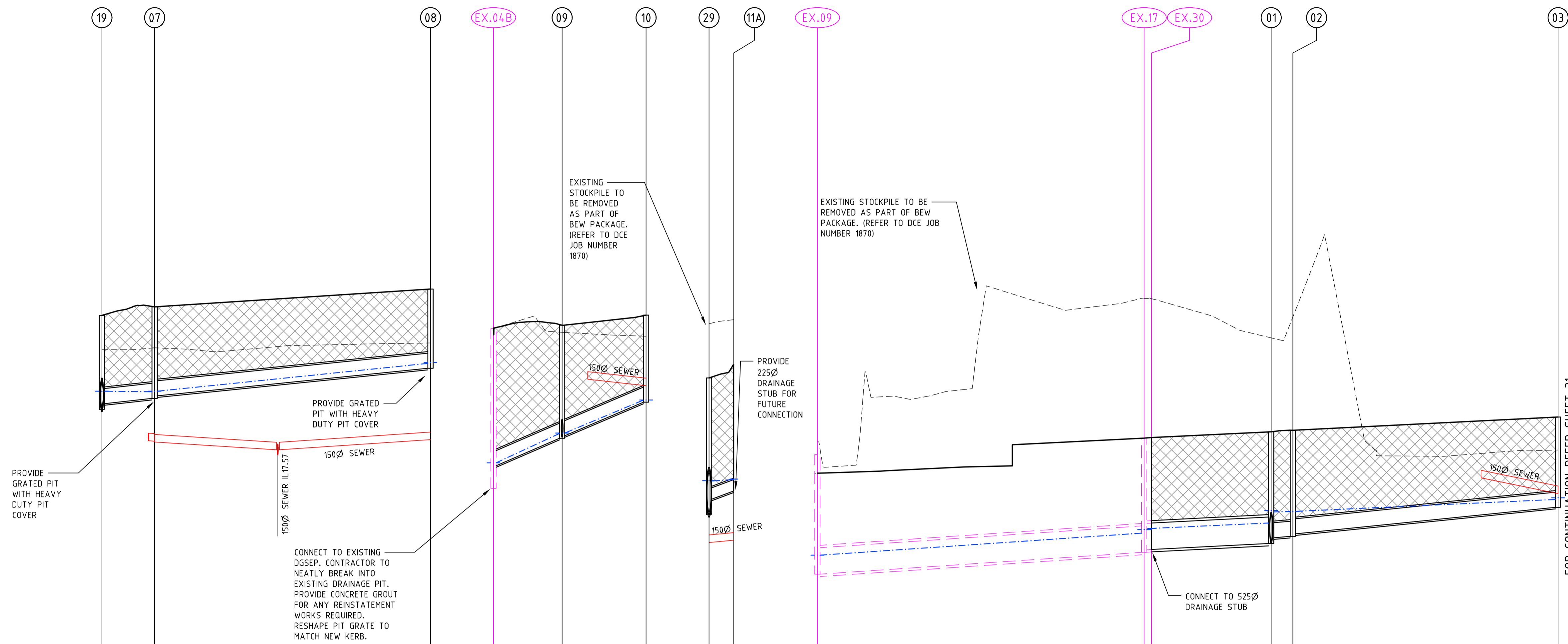
Coords: MGA Levels: AHD
 Scale @ A1/A3 H1:100/200 V1:50/100

RIVERWALK
 STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 CROSS SECTIONS
 SHEET 10 OF 10
 Drawing No. 10940XS10
 Sheet No. 29 of 40

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 Date/Time: Wed Nov 30, 2022 - 4:38pm - P:\atb\...



	19	07	08	EX.04B	09	10	29	11A	EX.09	EX.17	EX.30	01	02	03	
VELOCITY (m/s)		1.123			1.022										
PIPE GRADE VELOCITY		1.369			1.369										
PIPE GRADE %		1.000%			1.000%										
PIPE FLOW (m ³ /s)		0.023			0.017										
PIPE CAPACITY AT GRADE		0.097			0.097										
PIPE SIZE (mm)		300			300										
DATUM		8.000			8.000										
DEPTH TO INVERT		1.865	1.752		2.610	2.244	2.706	2.406	2.004	2.267	2.222	2.217	2.104	2.056	1.793
HYDRAULIC GRADE LINE		18.743	18.786		17.365	17.917	17.955	18.004	17.532	17.969	18.063	18.170	18.478	18.402	18.637
INVERT LEVEL		18.426	18.539		17.307	17.947	17.343	17.643	17.155	17.588	17.638	17.764	17.876	17.905	18.481
DESIGN SURFACE LEVEL		20.291			20.032	20.096	20.050	20.050	19.160	19.855	19.867	19.981	20.011	20.274	
EXISTING SURFACE LEVEL		19.610			20.032	19.955	21.125	21.205	19.788	22.629	22.621	21.844	22.260	19.619	
CHAINAGE		0.000	10.462		0.000	13.618	0.000	4.900	-64.850	-14.57	0.000	23.751	28.050	80.689	

Drawing File: C:\12d_Synergy\delta\ENERGY-ME\10940-Riverwalk - Stage 40_2408\3_Design\1_ACO\4-RD\10940DR01.dwg - (RD)
 Date/Time: Wed Nov 30, 2022 - 4:39pm - Frank

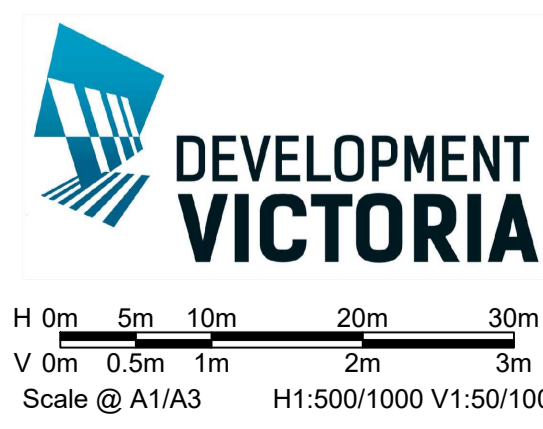
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Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN

- LEGEND**
- EXISTING SURFACE
 - FINISHED SURFACE
 - EXISTING DRAIN
 - PROPOSED DRAIN
 - HYDRAULIC GRADE LINE
 - CRUSHED ROCK BACKFILL

REV	DESCRIPTION	DATE	AMEND	APP'D
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.
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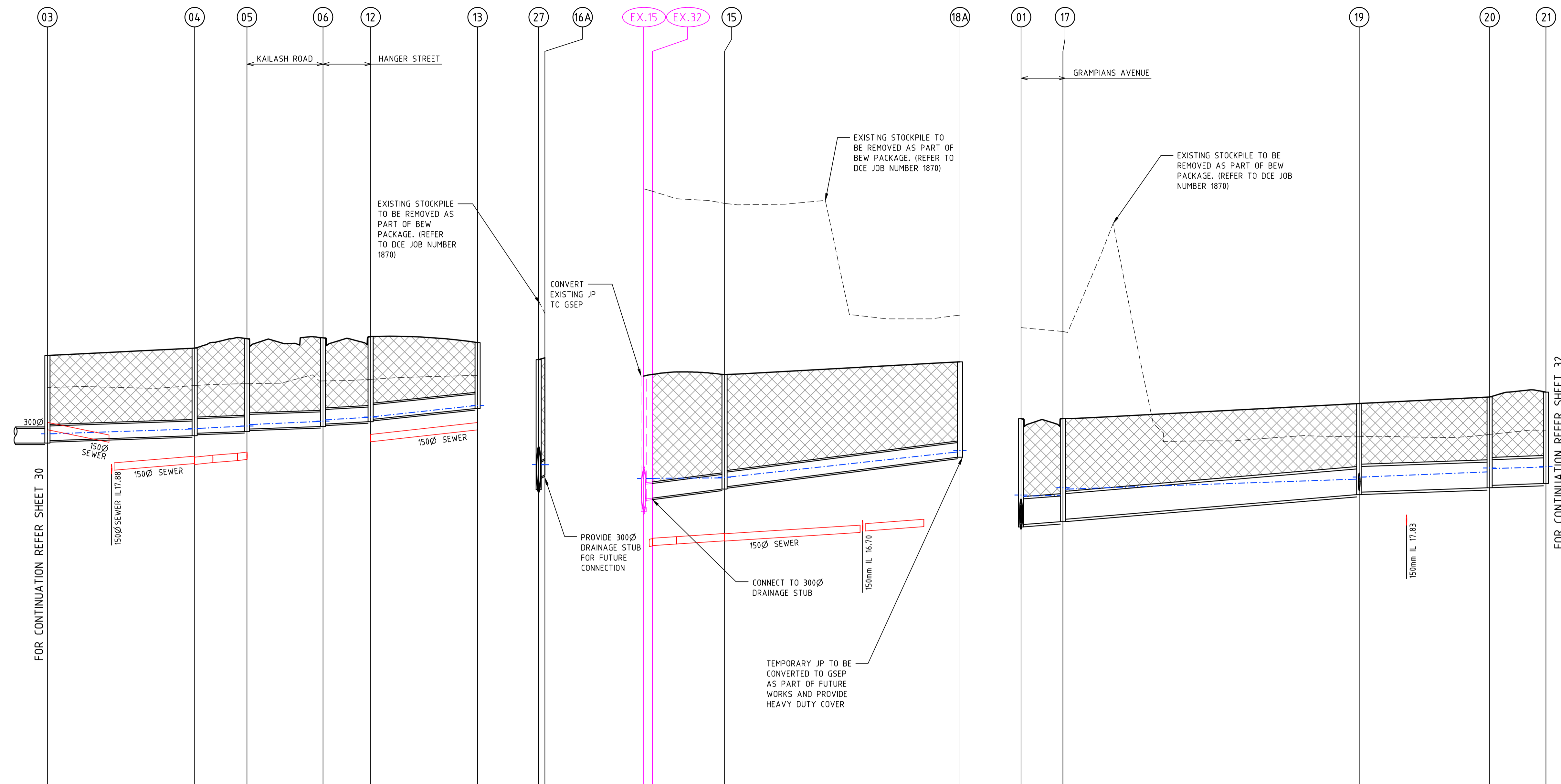


RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
DRAINAGE LONGITUDINAL SECTIONS
SHEET 01 OF 03
 Drawing No. 10940DR01 Rev D
 Sheet No. 30 of 40

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PRELIMINARY

Drawing File: C:\12d_Synergy\delta\ENERGY-ME\10940-Riverwalk - Stage 40_2408\3_Design\1_ACO\4-DR\10940DR01.dwg - DR02
 Date/Time: Wed Nov 30, 2022 - 4:39pm - Frank--



VELOCITY (m/s)	0.759	0.685	0.668	0.749	0.778	1.814	1.111	1.292	1.174	1.730	1.864	1.244	1.243
PIPE GRADE VELOCITY	0.790	0.790	0.790	0.968	1.369	2.499	1.249	1.530	1.530	1.623	1.814	1.147	1.147
PIPE GRADE %	0.3333%	0.3333%	0.3333%	0.500%	1.000%	3.3333%	0.8333%	1.250%	1.250%	0.667%	0.8333%	0.3333%	0.3333%
PIPE FLOW (m³/s)	0.024	0.016	0.015	0.013	0.006	0.028	0.028	0.029	0.020	0.230	0.220	0.176	0.175
PIPE CAPACITY AT GRADE	0.056	0.056	0.056	0.068	0.097	0.177	0.088	0.108	0.108	0.351	0.393	0.248	0.248
PIPE SIZE (mm)	300	300	300	300	300	300	300	300	300	525	525	525	525
DATUM	9.000												
DEPTH TO INVERT	18.481	18.637	17.93	18.632	18.769	17.93	17.527	18.029	2.663	17.077	17.693	2.775	17.077
HYDRAULIC GRADE LINE	18.531	18.670	1.743	18.682	18.780	1.743	17.789	18.041	2.400	17.339	17.757	2.519	17.339
INVERT LEVEL	18.575			18.718	18.829	1.901	17.889	18.041	2.400	17.355	17.758	2.533	17.355
DESIGN SURFACE LEVEL	20.274	20.425		20.619	20.636		20.189	20.189		19.852	19.887		19.852
EXISTING SURFACE LEVEL	19.619	19.658		19.696	19.754		21.318	21.318		23.686	23.637		23.686
CHAINAGE	80.489	30.129		10.711	15.566		0.000	1.276		-1.803	1.803		-1.803

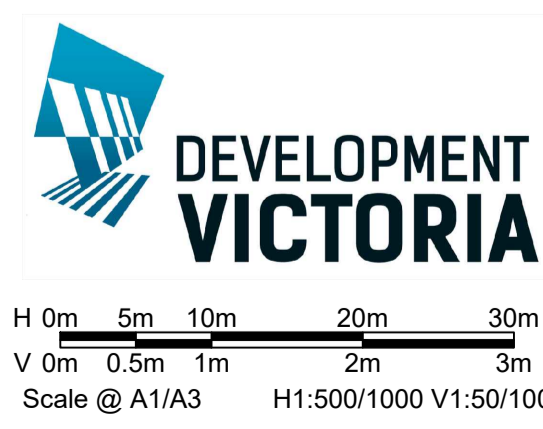
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- LEGEND**
- EXISTING SURFACE
 - FINISHED SURFACE
 - - - EXISTING DRAIN
 - - - PROPOSED DRAIN
 - - - HYDRAULIC GRADE LINE
 - ▨ CRUSHED ROCK BACKFILL

REV	DESCRIPTION	DATE	AMEND	APP'D
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL

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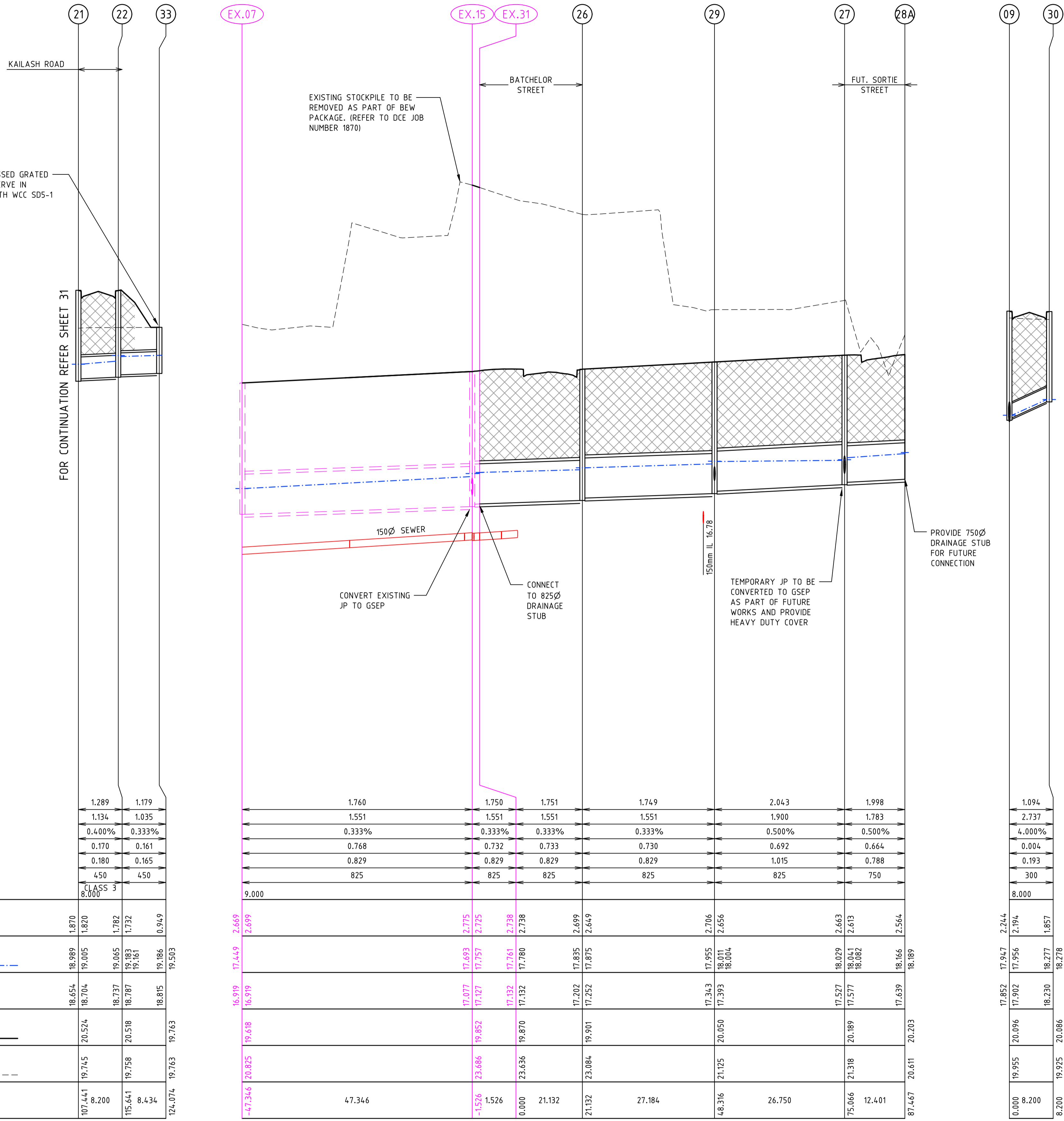


RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
DRAINAGE LONGITUDINAL SECTIONS
SHEET 02 OF 03
Drawing No. 10940DR02 **Rev D**
 Sheet No. 31 of 40

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PRELIMINARY

Drawing File: C:\12d_Synergy\delta\ENERGY-ME\10940-Riverwalk - Stage 40_2408\3_Design\1_ACO\4-BD\10940DR03.dwg - 1803
 Date/Time: Wed Nov 30, 2022 - 4:39pm - Franck--



	21	22	33	EX.07	EX.15	EX.31	26	29	27	28A	09	30
VELOCITY (m/s)	1.289	1.179			1.760	1.750	1.751	1.749	2.043	1.998		1.094
PIPE GRADE VELOCITY	1.134	1.035			1.551	1.551	1.551	1.551	1.900	1.783		2.737
PIPE GRADE %	0.400%	0.333%			0.333%	0.333%	0.333%	0.333%	0.500%	0.500%		4.000%
PIPE FLOW (m ³ /s)	0.170	0.161			0.768	0.732	0.733	0.730	0.692	0.664		0.004
PIPE CAPACITY AT GRADE	0.180	0.165			0.829	0.829	0.829	0.829	1.015	0.788		0.193
PIPE SIZE (mm)	450	450			825	825	825	825	825	750		300
DATUM	9.000	9.000			9.000	9.000	9.000	9.000	9.000	9.000		8.000
DEPTH TO INVERT	1.870	1.820			16.919	17.449	2.669		17.343	2.706		17.852
HYDRAULIC GRADE LINE	18.989	18.782			17.077	17.693	2.775		17.955	2.663		17.947
INVERT LEVEL	18.654	18.704			16.919	17.449	2.699		18.029	2.613		17.902
DESIGN SURFACE LEVEL	20.524	20.518			19.618	19.852	2.649		20.050	2.613		20.096
EXISTING SURFACE LEVEL	19.745	19.758			20.825	23.686	2.649		21.125	2.613		19.955
CHAINAGE	107.441	8.200			47.346	15.526	21.132		26.750	12.401		8.200

NOT TO BE USED FOR CONSTRUCTION

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN

- LEGEND**
- EXISTING SURFACE
 - FINISHED SURFACE
 - - - EXISTING DRAIN
 - - - PROPOSED DRAIN
 - HYDRAULIC GRADE LINE
 - ▨ CRUSHED ROCK BACKFILL

Coords: MGA Levels: AHD

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H 0m 5m 10m 20m 30m
 V 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 H1:500/1000 V1:50/100

RIVERWALK
STAGE 40
GEE LONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
DRAINAGE LONGITUDINAL SECTIONS
SHEET 03 OF 03
Drawing No. 10940DR03 **Rev D**
 Sheet No. 32 of 40

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PRELIMINARY

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

PIT SCHEDULE

PIT NAME	PIT TYPE	PIT EASTING	PIT NORTHING	LID WIDTH	LID LENGTH	BASE WIDTH	BASE LENGTH	INLET DIA.	INLET INV LEV	OUTLET DIA.	OUTLET INV LEV	PIT SETOUT RL	PIT DEPTH	PIT DETAIL	HAUNCH DETAIL	STEP IRONS	HEAVY DUTY	FURTHER COMMENTS
7	GP	293172.313	5801585.722	600	900	600	900	300	18.694	300	18.644	20.460	1.816	EDCM 601	-	EDCM 609	YES	PROVIDE GRATED PIT WITH HEAVY DUTY PIT COVER
8	GP	293125.129	5801613.494	600	900	600	900			300	19.241	20.814	1.573	EDCM 601	-	EDCM 609	YES	PROVIDE GRATED PIT WITH HEAVY DUTY PIT COVER
EX 04B	DGSEP	293277.721	5801643.677	600	900	1100	900	300	17.307			20.032	3.175	EDCM 602	EDCM 607	EDCM 609		CONNECT TO EXISTING DGSEP. CONTRACTOR TO NEATLY BREAK INTO EXISTING DRAINAGE PIT. PROVIDE CONCRETE GROUT FOR ANY REINSTATEMENT WORKS REQUIRED. RESHAPE PIT GRATE TO MATCH NEW KERB.
9	GSEP	293264.109	5801643.285	600	900	600	900	300	17.902	300	17.852	20.096	2.244	EDCM 601	-	EDCM 609		
10	JP	293252.553	5801631.280	600	900	600	900			300	18.568	20.297	1.728	EDCM 605	-	EDCM 609		
11A	EP	293110.343	5801533.174							225	17.806	20.310	2.504	-	-	-		PROVIDE 225mm DRAINAGE STUB FOR FUTURE CONNECTION
EX 17	GSEP	293150.363	5801494.333	600	900	900	900	525	17.638	525	17.588	19.855	2.267	EDCM 601	-	EDCM 609		CONNECT TO EXISTING JP TO GSEP
EX 30	EP	293150.676	5801495.757					525	17.645	525	17.645	19.867	2.222					CONNECT TO 525mm DRAINAGE STUB
1	GSEP	293153.26	5801519.367	600	900	750	900	300	17.876	525	17.764	19.981	2.217	EDCM 605		EDCM 609		
2	JP	293154.627	5801523.442	600	900	600	900	300	17.955	300	17.905	20.011	2.106	EDCM 601	-	EDCM 609		
3	GSEP	293181.328	5801568.807	600	900	600	900	300	18.531	300	18.481	20.274	1.793	EDCM 601	-	EDCM 609		
4	GSEP	293196.611	5801594.772	600	900	600	900	300	18.682	300	18.632	20.425	1.793	EDCM 601	-	EDCM 609		
5	GSEP	293206.735	5801598.270	600	900	600	900	300	18.768	300	18.718	20.619	1.901	EDCM 601	-	EDCM 609		
6	GSEP	293218.829	5801608.07					300	18.869	300	18.819	20.636	1.817	EDCM 601	-	EDCM 609		
12	GSEP	293228.389	5801606.177	600	900	600	900	300	18.968	300	18.918	20.662	1.744	EDCM 601	-	EDCM 609		
13	JP	293243.572	5801621.951	600	900	600	900			300	19.187	20.538	1.351	EDCM 605	-	EDCM 609		
16A	EP	293084.646	5801543.786							300	17.832	20.227	2.395	-	-	-		PROVIDE 300mm DRAINAGE STUB FOR FUTURE CONNECTION
EX 32	EP	293140.624	5801496.155					300	17.355	300	17.355	19.887	2.533	-	-	-		CONNECT TO 300mm DRAINAGE STUB
15	GSEP	293130.093	5801506.479	600	900	600	900	300	17.589	300	17.539	19.885	2.346	EDCM 601	-	EDCM 609		
18A	JP	293088.513	5801530.822	600	900	600	900			300	18.191	20.144	1.953	EDCM 605	-	EDCM 609	YES	TEMPORARY JP TO BE CONVERTED TO GSEP AS PART OF FUTURE WORKS AND PROVIDE HEAVY DUTY COVER
17	JP	293145.691	5801523.402	600	900	750	900	525	17.921	525	17.871	19.985	2.114	EDCM 605	EDCM 607	EDCM 609		
19	GSEP	293176.008	5801575.934	600	900	900	900	525	18.476	525	18.426	20.291	1.865	EDCM 601	EDCM 607	EDCM 609		
20	GSEP	293189.545	5801598.931	600	900	1050	900	525	18.615	525	18.565	20.425	1.859	EDCM 601	EDCM 607	EDCM 609		
21	DGSEP	293186.655	5801610.089	600	900	1050	900	450	18.704	525	18.654	20.524	1.87	EDCM 602	EDCM 607	EDCM 609		
22	DGSEP	293190.815	5801617.156	600	900	600	900	450	18.787	450	18.737	20.518	1.782	EDCM 602	-	EDCM 609		
33	GP	293192.329	5801625.452	750	1000	750	1000			450	18.815	19.763	0.949	WCC SD5-1	-	EDCM 609		PROVIDE DEPRESSED GRATED PIT TO CAPTURE RESERVE Q100 FLOWS. PIT TO BE SETOUT TO AVOID NEARBY TREES STRUCTURAL ROOT SYSTEM
EX 15	GSEP	293142.222	5801495.319	600	900	1200	900	825	17.127	825	17.077	19.852	2.775	EDCM 605	EDCM 607	EDCM 609		CONNECT TO 750mm DRAINAGE STUB
EX 31	EP	293141.424	5801496.671					825	17.132	825	17.132	19.87	2.738	-	-	-		CONNECT TO 750mm DRAINAGE STUB
26	GSEP	293131.284	5801515.162	600	900	1200	900	825	17.252	825	17.202	19.901	2.699	EDCM 601	EDCM 607	EDCM 609		PROVIDE 300mm DRAINAGE STUB FOR Q5 OUTFLOW
29	GSEP	293107.857	5801528.951	600	900	1050	900	825	17.393	825	17.343	20.05	2.706	EDCM 601	EDCM 607	EDCM 609		
27	JP	293084.804	5801542.52	600	900	1050	900	750	17.577	825	17.527	20.189	2.663	EDCM 605	EDCM 607	EDCM 609	YES	TEMPORARY JP TO BE CONVERTED TO GSEP AS PART OF FUTURE WORKS AND PROVIDE HEAVY DUTY COVER
28A	EP	293074.023	5801548.648							750	17.639	20.203	2.564					PROVIDE 750mm DRAINAGE STUB FOR FUTURE CONNECTION
30	GSEP	293258.201	5801648.972	600	900	600	900			300	18.23	20.086	1.857	EDCM 601	-	EDCM 609		
EX 04	GSEP	293236.005	5801573.276	600	900	600	900			300	18.855	20.645	1.789	EDCM 601	-	EDCM 609		CONNECT EXISTING JP TO GSEP
EX 20	GSEP	293225.680	5801555.379	600	900	600	900			300	18.816	20.550	1.734	EDCM 601	-	EDCM 609		CONNECT EXISTING JP TO GSEP

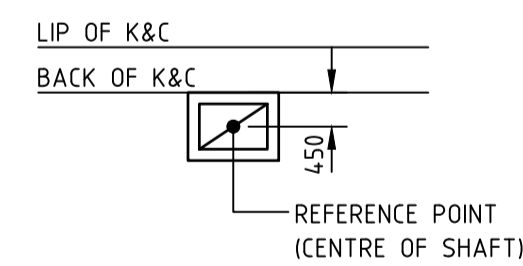
- NOTES: DRAINAGE PITS**
- EASTING, NORTHING SETOUT TO CENTRE OF PIT COVER.
 - SETOUT LEVEL TO PIT COVER LEVEL.
 - EASTING, NORTHING FOR ENDWALL SETOUT POINTS QUOTED TO PIPE INVERT CENTRELINE.
 - ALL PIT COVERS TO BE IN ACCORDANCE WITH COUNCIL AND VPA REQUIREMENTS AND SPECIFICATIONS.
 - ALL TEMPORARY JUNCTION PITS (JP) TO BE PROVIDED WITH KEYED CONSTRUCTION JOINTS (K.C.J.) FOR FUTURE SEP CONVERSION.
 - STEP IRONS REQUIRED FOR ALL PITS GREATER THAN 1000mm IN DEPTH.
 - PIT FLOOR TO BE SHAPED TO MATCH LOWER HALF OF PIPE WHERE DROPS LESS THAN 50mm.
 - ALL DRAINAGE WORKS ARE TO BE CONSTRUCTED AND EDM TO VICTORIAN PLANNING AUTHORITY (VPA) SPECIFICATIONS.
 - PIT BASE TO BE SHAPED WITH MASS CONCRETE FOR SMOOTH HYDRAULIC FLOW.
 - ALL STORMWATER DRAINS ARE TO BE CLASS '2' RC UNLESS OTHERWISE SHOWN. ALL PIPES UP TO AND INCLUDING 750mm IN DIAMETER SHALL BE RUBBER RING JOINTED. PIPES ABOVE THIS SIZE MAY BE FLUSH JOINTED WITH EXTERNAL SEALING BANDS.
 - ALL HAUNCHED PITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH VPA REQUIREMENTS AND EDM STD DRAWINGS.

NOTE: TEMPORARY TOPS
ALL PITS TO BE CONSTRUCTED WITH TEMPORARY TOPS, MATCHING TO EXISTING SURFACE FOR FUTURE GSEP/JP CONVERSION.

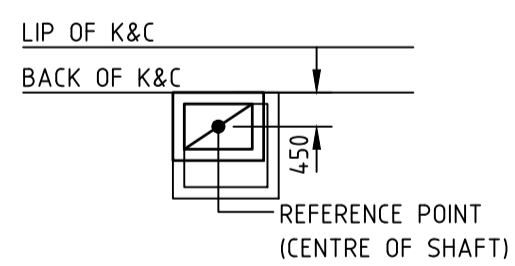
NOTE: STUBS
ALL STUBS FOR FUTURE EXTENSIONS TO BE SOCKETED UPSTREAM AND BLANKED OFF.

NOTE: SEDIMENT CONTROL
SEDIMENT CONTROL INCLUDING HAY BALES AND SEDIMENT TRAP FENCING IS REQUIRED FOR ALL OPEN EARTH DRAINS IN ACCORDANCE WITH EPA 'CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL'. SEDIMENT CONTROL MEASURES TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.

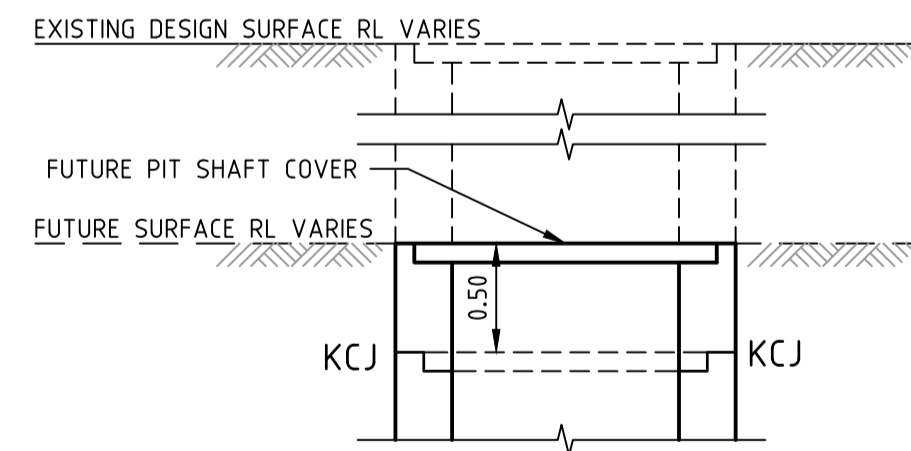
WARNING!
NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.



PIT SETOUT POINT
NOT TO SCALE



HAUNCHED PIT SETOUT POINT
FOR HAUNCHED PITS WITH 150mm THICK WALLS
NOT TO SCALE



TEMPORARY PIT TOP DETAIL
NOT TO SCALE

NOT TO BE USED FOR CONSTRUCTION

Drawn	R.GUTIERREZ
Date	14/09/22
AN	3401095
Designed	P.NICHOLSON
Date	13/09/22
AN	3791018
Checked	S.RAJKOVIC
Date	21/09/22
AN	2951057
Approved	
Date	14/09/22
AN	PN/NR
REV	DESCRIPTION
DATE	AMEND
APP'D	

D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL
REV	DESCRIPTION	DATE	AMEND	APP'D



RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
PIT SCHEDULE

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PRELIMINARY

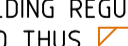
Drawing No. 10940PIT01 Rev D
Sheet No. 33 of 40

Scale @ A1/A3 As Shown



NOTE: BULK EARTHWORKS (BEW)
 FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)

NOTE: ALL OTHER FILL
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL

- NOTES: FILL PLAN**
- THIS PLAN SHOWS DETAILS OF WORKS AFFECTING THE NATURAL SURFACE OF THE LAND WITHIN THE SUBDIVISION WHICH HAVE BEEN CARRIED OUT OR ARE PROPOSED TO BE CARRIED OUT PRIOR TO REGISTRATION OF THE PLAN OF SUBDIVISION, BEING FILL PLACED ON THE LAND TO THE EXTENT AND DEPTH SHOWN ON THIS PLAN.
 - THIS PLAN DOES NOT SHOW ANY OTHER FILL WHICH MAY HAVE BEEN PLACED ON THE LAND PRIOR TO THE CIVIL WORKS BEING UNDERTAKEN.
 - THIS PLAN HAS BEEN PREPARED FOR THE PURPOSE OF CONSTRUCTING SUBDIVISIONAL WORKS AND IS NOT A RECORD OF 'AS BUILT DETAILS'.
 - FILLING SHOWN LESS THAN 300mm DEEP IS GRADED OR SPREAD OVER ALLOTMENTS TO CORRECT MINOR SURFACE IRREGULARITIES SUCH AS FURROWS ETC AND LOT GRADING.
 - IRRESPECTIVE OF THE DEPTH OF FILLING FOUNDATIONS MUST BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH A SOIL CLASSIFICATION AND REPORT PREPARED FOR THE PURPOSE AND IN ACCORDANCE WITH THE APPROPRIATE BUILDING REGULATIONS.
 - THE AREA MARKED WITH  ON THIS PLAN INDICATES FILL DEEPER THAN 300mm PLACED ON ALLOTMENTS.
 - THE EXTENT OF AND DEPTH OF FILL MUST BE CONFIRMED BY A PROPER GEOTECHNICAL INVESTIGATION BY AN EXPERIENCED PRACTITIONER.

NOT TO BE USED FOR CONSTRUCTION

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN

- LEGEND**
- ES20.06 EXISTING SURFACE LEVEL
 - FS21.65 FINISHED SURFACE LEVEL
 - TOB21.65 TOP OF BATTER
 - REGRADE LOT (MIN 1:50)
 - LIMIT OF WORKS
 - BATTER
 - FILLING OVER 300mm
 - ALLOTMENT PAD BOUNDARY

Drawing File: C:\124_Synergy\deltaelta\ENERGY-MEL\10940-Riverwalk - Stage 40_2408'3_Design\1_A040\4-RD\...
 Date/Time: Wed Nov 30, 2022 - 4:39pm - Print...

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.
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Coords: MGA Levels: AHD

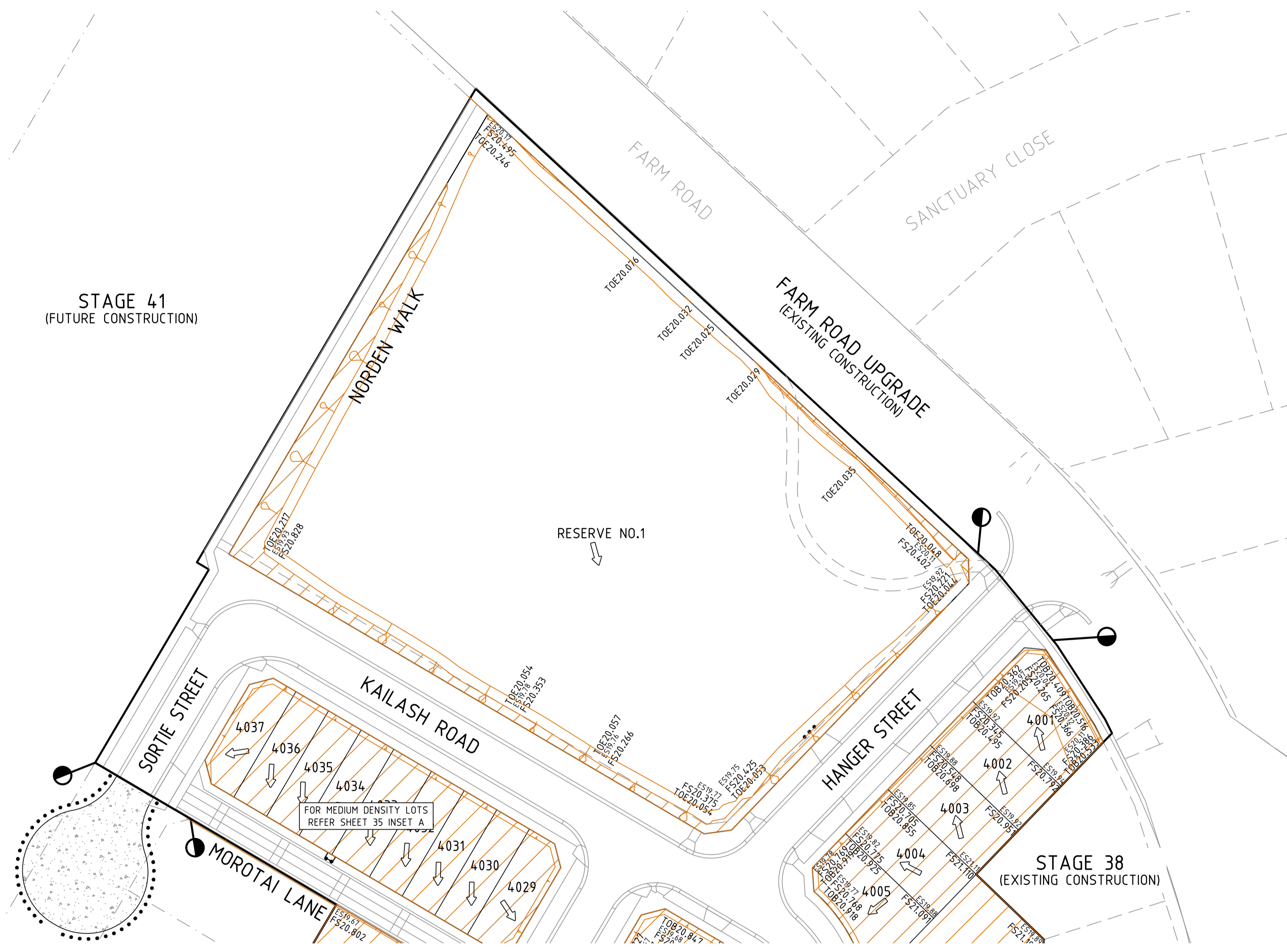
Scale @ A1/A3 1:500 / 1:1000

RIVERWALK
 STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 FILL PLAN
 SHEET 01 OF 02
 Drawing No. 10940FP01
 Sheet No. 34 of 40

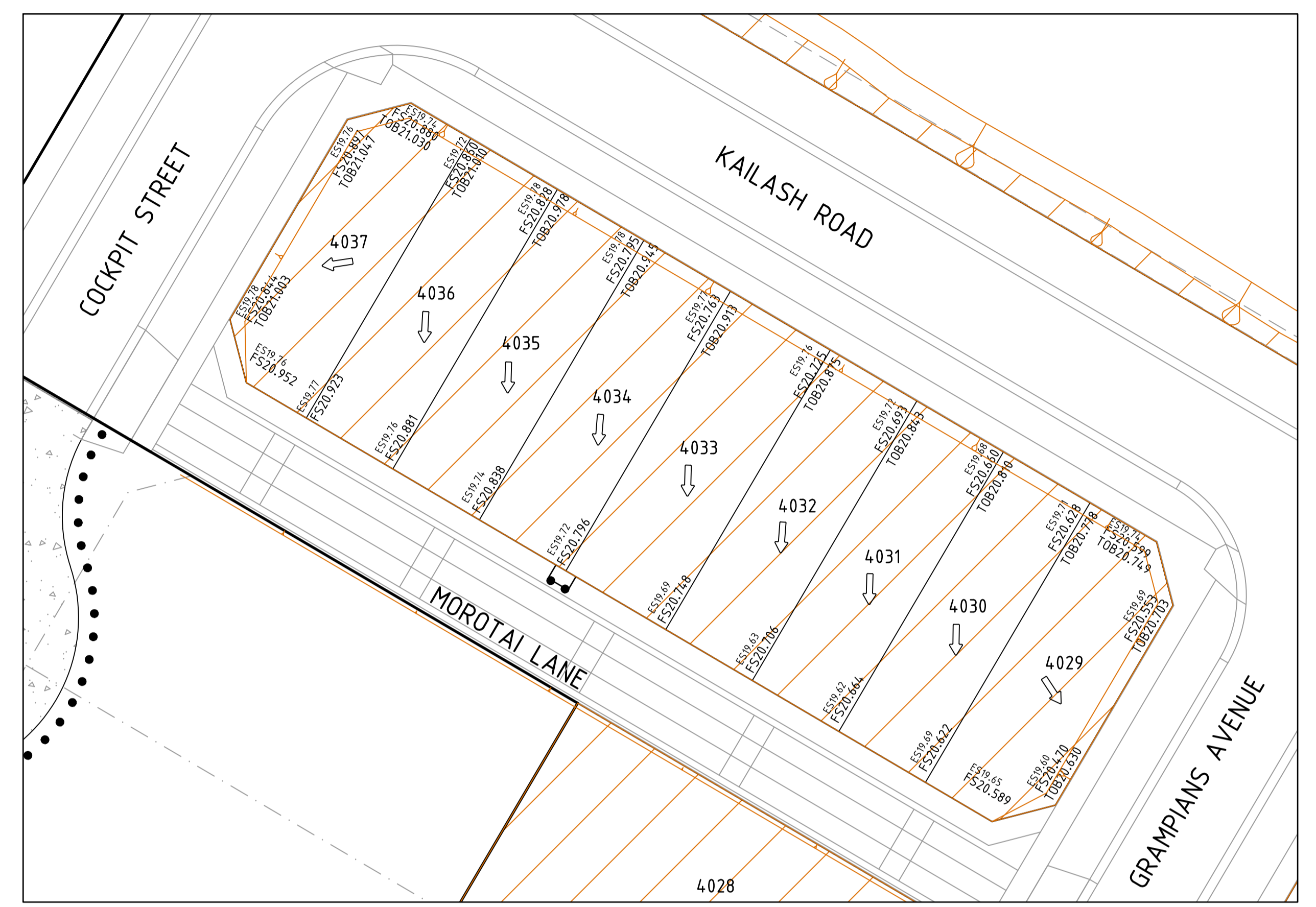
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PRELIMINARY

STAGE 41
(FUTURE CONSTRUCTION)



PLAN
FOR CONTINUATION REFER TO SHEET 34
SCALE @ A1/A3 1:500/1:1000



INSET A
MEDIUM DENSITY LOTS 4029 TO 4037
SCALE @ A1/A3 1:250/1:500

NOTE: BULK EARTHWORKS (BEW)
FILL TO BE COMPLETED AS PART OF PERMIT 11 BULK EARTHWORKS PACKAGE WHICH IS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)

NOTE: ALL OTHER FILL
FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL

- NOTES: FILL PLAN**
- THIS PLAN SHOWS DETAILS OF WORKS AFFECTING THE NATURAL SURFACE OF THE LAND WITHIN THE SUBDIVISION WHICH HAVE BEEN CARRIED OUT OR ARE PROPOSED TO BE CARRIED OUT PRIOR TO REGISTRATION OF THE PLAN OF SUBDIVISION, BEING FILL PLACED ON THE LAND TO THE EXTENT AND DEPTH SHOWN ON THIS PLAN.
 - THIS PLAN DOES NOT SHOW ANY OTHER FILL WHICH MAY HAVE BEEN PLACED ON THE LAND PRIOR TO THE CIVIL WORKS BEING UNDERTAKEN.
 - THIS PLAN HAS BEEN PREPARED FOR THE PURPOSE OF CONSTRUCTING SUBDIVISIONAL WORKS AND IS NOT A RECORD OF 'AS BUILT DETAILS'.
 - FILLING SHOWN LESS THAN 300mm DEEP IS GRADED OR SPREAD OVER ALLOTMENTS TO CORRECT MINOR SURFACE IRREGULARITIES SUCH AS FURROWS ETC AND LOT GRADING.
 - IRRESPECTIVE OF THE DEPTH OF FILLING FOUNDATIONS MUST BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH A SOIL CLASSIFICATION AND REPORT PREPARED FOR THE PURPOSE AND IN ACCORDANCE WITH THE APPROPRIATE BUILDING REGULATIONS.
 - THE AREA MARKED THUS ON THIS PLAN INDICATES FILL DEEPER THAN 300mm PLACED ON ALLOTMENTS.
 - THE EXTENT OF AND DEPTH OF FILL MUST BE CONFIRMED BY A PROPER GEOTECHNICAL INVESTIGATION BY AN EXPERIENCED PRACTITIONER.

NOT TO BE USED FOR CONSTRUCTION

Drawn R.GUTIERREZ
Date 14/09/22
AN 3401095
Designed P.NICHOLSON
Date 13/09/22
AN 3791018
Checked S.RAJKOVIC
Date 21/09/22
AN 2951057
Approved
Date
AN

- LEGEND**
- ES20.06 EXISTING SURFACE LEVEL
 - FS21.65 FINISHED SURFACE LEVEL
 - TOB21.65 TOP OF BATTER
 - REGRADE LOT (MIN 1:500)
 - LIMIT OF WORKS
 - FILLING OVER 300mm
 - BATTER
 - ALLOTMENT PAD BOUNDARY

REV	DESCRIPTION	DATE	AMEND	APP'D
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/RG	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL

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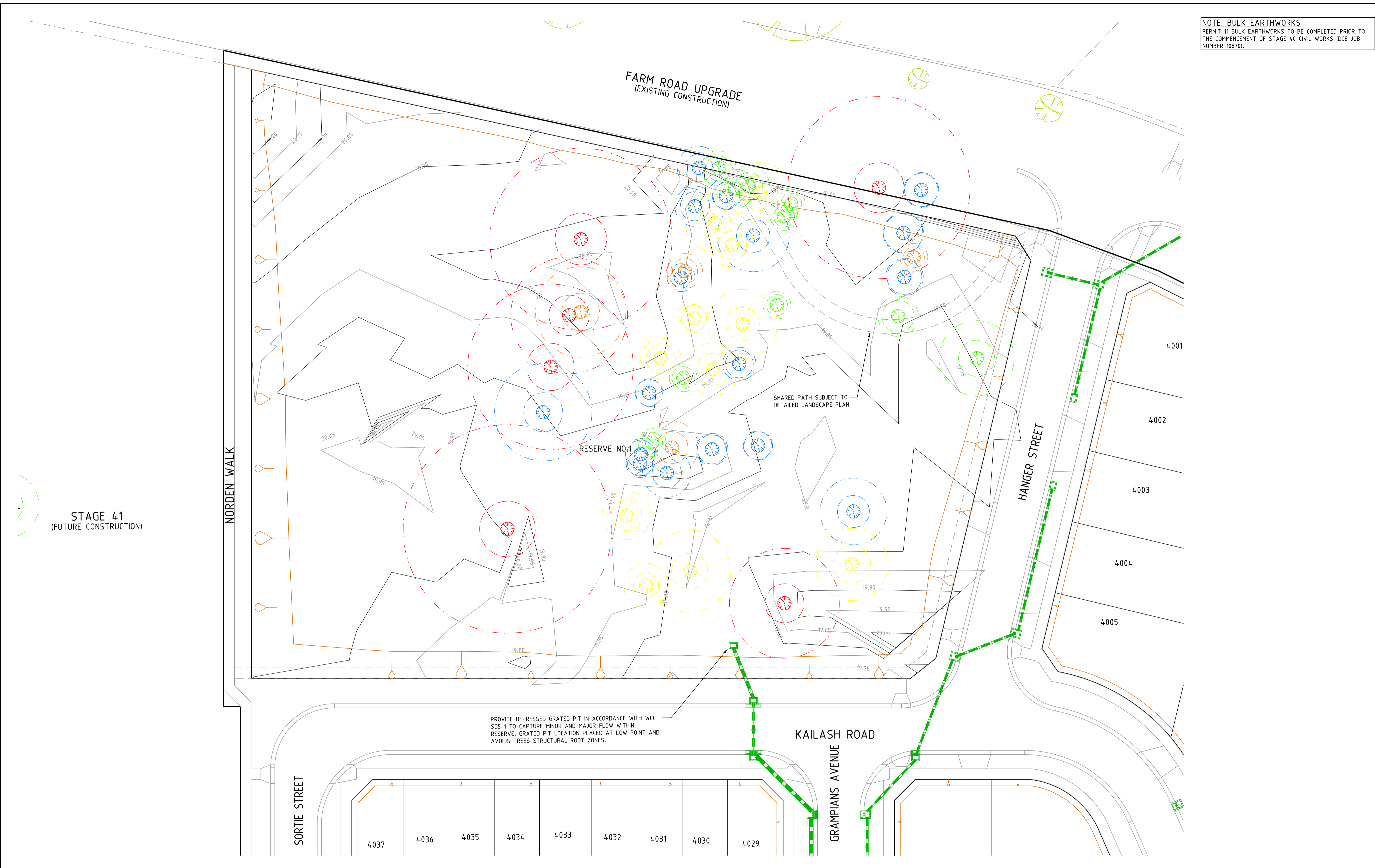
RIVERWALK
STAGE 40
GEELONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL
FILL PLAN
SHEET 02 OF 02
Drawing No. 10940FP02
Sheet No. 35 of 40

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PRELIMINARY

Drawing File: C:\124_Synergy\delta\delta\ENERGY-ME\10940-Riverwalk - Stage 40_2408'3_Design\1_A00\4_00\...
Date/Time: Wed Nov 30, 2022 - 4:40pm - Print/Plot

NOTE: BULK EARTHWORKS
 PERMIT 11 BULK EARTHWORKS TO BE COMPLETED PRIOR TO THE COMMENCEMENT OF STAGE 40 CIVIL WORKS (DCE JOB NUMBER 10870).



STAGE 41
 (FUTURE CONSTRUCTION)

PROVIDE DEPRESSED GRATED PIT IN ACCORDANCE WITH WCC SDS-1 TO CAPTURE MINOR AND MAJOR FLOW WITHIN RESERVE. GRATED PIT LOCATION PLACED AT LOW POINT AND AVOIDS TREES STRUCTURAL ROOT ZONES.

NOT TO BE USED FOR CONSTRUCTION

Drawn	R.GUTIERREZ
Date	14/09/22
AN	3401095
Designed	P.NICHOLSON
Date	13/09/22
AN	3791018
Checked	S.RAJKOVIC
Date	21/09/22
AN	2951057
Approved	
Date	
AN	

LEGEND

- CRITICAL RETENTION TREE
- CRITICAL SRZ
- CRITICAL TPZ
- HIGH RETENTION TREE
- HIGH SRZ
- HIGH TPZ
- MODERATE RETENTION TREE
- MODERATE SRZ
- MODERATE TPZ
- LOW RETENTION TREE
- LOW SRZ
- LOW TPZ
- NO IMPORTANCE RETENTION TREE
- NO IMPORTANCE SRZ
- NO IMPORTANCE TPZ
- 155.0 MAJOR FS CONTOUR
- MINOR FS CONTOUR
- SW DRAIN & PIT

Drawing File: C:\Users\Sydney\OneDrive\ME\10940-Riverwalk - Stage 40_2408\3_Design\1_4000\4_001\10940CON01.dwg - 08/11/2022 - 4:40pm - Frank...
 Date/Time: Wed Nov 30, 2022 - 4:40pm - Frank...

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.
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Coords: MGA Levels: AHD

Scale @ A1/A3 1:500 / 1:1000

RIVERWALK
 STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 RESERVE CONTOUR AND TREE PLAN

Drawing No. 10940CON01 Rev D
 Sheet No. 36 of 40

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PRELIMINARY

FOR CONTINUATION REFER TO SHEET 38



NOTE: ALL OTHER FILL
 FILLING COMPACTED TO A53798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL

NOTE: BULK EARTHWORKS (BEW)
 BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS (REFER TO DCE PROJECT REFERENCE NUMBER 10870)

NOTE: EXISTING SURFACE LEVELS
 ALL EXISTING SURFACE LEVELS SHOWN ON THIS PLAN ARE BASED ON THE DESIGNED SITE CONDITIONS UPON COMPLETION OF PERMIT 11 BULK EARTHWORKS. (DCE PROJECT REFERENCE NUMBER 10870)

CUT/FILL VOLUME

	VOLUME (m ³)
TOTAL CUT	-3,484
TOTAL FILL	316
BALANCE	-3168

NOT TO BE USED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	AMEND	APP'D
D	COUNCIL COMMENTS 29/11/22	30/11/22	PN/SR	TL
C	COUNCIL COMMENTS 24/10/22	17/11/22	GA	TL
B	COUNCIL ISSUE	21/09/22	PN/IR	TL
A	TENDER ISSUE	14/09/22	PN/NR	TL

Drawn R.GUTIERREZ
 Date 14/09/22
 AN 3401095
 Designed P.NICHOLSON
 Date 13/09/22
 AN 3791018
 Checked S.RAJKOVIC
 Date 21/09/22
 AN 2951057
 Approved
 Date
 AN
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LEGEND

	CUT: 0.0m TO 0.2m		FILL: 0.0m TO 0.2m
	CUT: 0.2m TO 0.4m		FILL: 0.2m TO 0.4m
	CUT: 0.4m TO 0.6m		FILL: 0.4m TO 0.6m
	CUT: 0.6m TO 0.8m		FILL: 0.6m TO 0.8m
	CUT: 0.8m TO 1.0m		FILL: 0.8m TO 1.0m
	CUT: 1.0m TO 1.2m		FILL: 1.0m TO 1.2m
	CUT: 1.2m TO 1.4m		FILL: 1.2m TO 1.4m
	CUT: 1.4m TO 1.6m		FILL: 1.4m TO 1.6m
	CUT: 1.6m TO 1.8m		FILL: 1.6m TO 1.8m
	CUT: 1.8m TO 2.0m		FILL: 1.8m TO 2.0m
	CUT: 2.0m TO 3.0m		FILL: 2.0m TO 3.0m
	CUT: 3.0m TO 4.0m		FILL: 3.0m TO 4.0m
	CUT: 4.0m TO 5.0m		FILL: 4.0m TO 5.0m
	CUT: 5.0m TO 6.0m		FILL: 5.0m TO 6.0m
	CUT: 6.0m TO 100.0m		FILL: 6.0m TO 100.0m

Coords: MGA Levels: AHD

 www.byda.com.au

Scale @ A1/A3 1:500 / 1:1000

RIVERWALK
 STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 EARTHWORKS PLAN
 SHEET 01 OF 02
 Drawing No. 10940EW01
 Sheet No. 37 of 40
 Rev D

melbourne wurundjeri
 geelong wadawurrung
 brisbane turrbal
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Drawing File: C:\12d_Synergy\delta\10940-Earthwork - Stage 40_2408\3_Design\1_ACO\4-RD\10940EW01.dwg - EWD
 Date/Time: Wed Nov 30, 2022 - 4:40pm - P:\p\at\...

SURVEY
 SURVEY IS PROVIDED BY CRA SURVEY PTY LTD
 7A/346 BELMORE ROAD, BALWYN VIC 3103
 PH.03 9890 0933

TBM SCHEDULE

I.D.	TYPE	EASTING	NORTHING	LEVEL
201	RIVET	293313.889	5801608.486	20.32
910	RIVET	293299.340	5801399.356	20.35
No.1	RIVET	293130.10	5801386.10	19.52
No.2	RIVET	293032.03	5801403.63	19.69

NOTE: TBM'S
 TBM'S SHOWN IN THE TABLE ABOVE ARE OUTSIDE OF THE SCOPE OF THIS DRAWING. REFER TO 10940SP01 FOR LOCATION OF TBM'S IN RELATION TO STAGE 40 WORKS.

CAUTION!
 ALL EXISTING SERVICES IN THE VICINITY OF WORKS SHALL BE PROTECTED AND KEPT IN FUNCTIONAL STATE AT ALL TIMES DURING WORKS.

BEWARE!
 NBN OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 1800 687 626.

BEWARE!
 TELSTRA OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 9253 8263.

BEWARE!
 TELSTRA MAJOR CABLES ARE IN THE VICINITY OF WORKS.

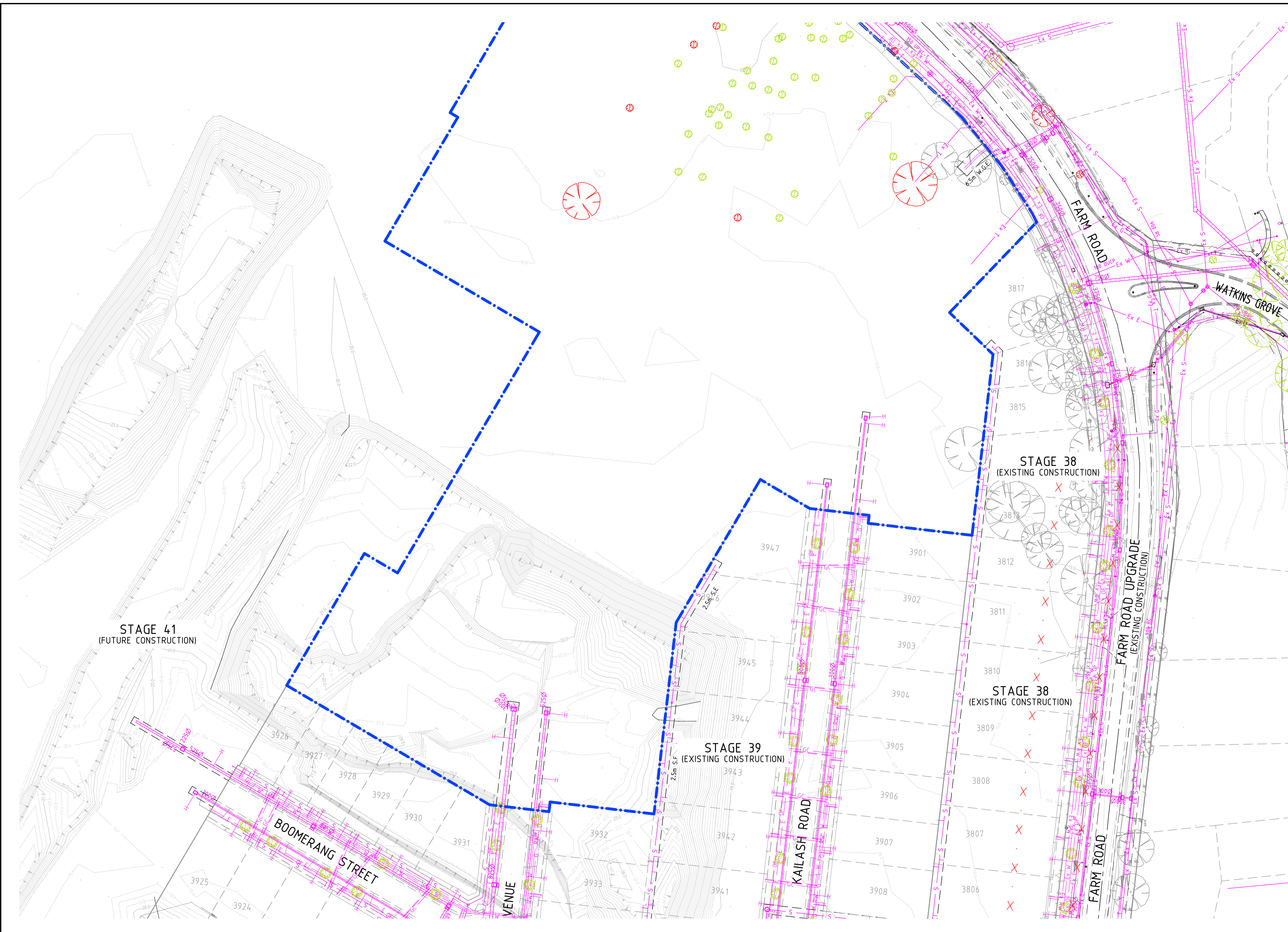
BEWARE!
 DEVELOPMENT VICTORIA FTTH OPTIC FIBRE CABLES IN THE VICINITY OF WORKS. TEL: 03 9311 4575.

WARNING!
 NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.

DANGER!
 OVERHEAD ELECTRICITY TRANSMISSION LINES. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN OPERATING IN THE VICINITY OF THESE LINES. THE CONTRACTOR MUST ADHERE TO ALL "NO GO ZONE" REQUIREMENTS OF THE POWER AUTHORITY.

WARNING!
 THE LOCATION OF EXISTING SERVICES SHOWN ON THESE PLANS MUST BE PROVEN ON SITE, THE APPROPRIATE AUTHORITY MUST BE CONTACTED AND THE SERVICES LOCATED PRIOR TO COMMENCEMENT OF ANY WORKS.

WARNING!
BEWARE OF ASBESTOS!
 SOME UNDERGROUND SERVICES MAY BE CONSTRUCTED FROM ASBESTOS CONTAINING MATERIAL. CONTACT THE SUPERINTENDENT FOR INSTRUCTIONS ON HOW TO MANAGE ANY POTENTIAL ASBESTOS HAZARD.



NOT TO BE USED FOR CONSTRUCTION

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 Date 21/09/22
 AN 2951057
 Approved
 Date 14/09/22
 AN
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LEGEND

	PSM / TBM		PROPOSED TREE WITH 3m TREE RING		WATER CONDUIT
	STREET NAME SIGN		EX. WATER MAIN		SERVICE TO BE ABANDONED
	EX. SURFACE LEVEL		EX. GAS MAIN		
	FINISHED SURFACE LEVEL		EX. ELECTRICAL CABLE		
	EX. DRAIN & PIT		EX. SEWER MAIN & MH		
	EX. TREE TO REMAIN		EX. TELECOMM & PIT		
	EX. TREE TO REMOVE		EX. O/H ELEC. & POLE		
	PREV. REMOVED TREE		GAS CONDUIT		

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DEVELOPMENT VICTORIA
 Scale @ A1/A3 1:500 / 1:1000

RIVERWALK
 STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 EXISTING FEATURES PLAN
 SHEET 01 OF 02
 Drawing No. 10940EF01
 Sheet No. 39 of 40

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 T +61 7 3374 9000
 E info@dceng.com.au

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Drawing File: C:\124_Synergy\deltaelta\ENERGY-MEL\10940-Riverwalk - Stage 40_2408\3_Design\1_ACOV\4-RD1
 10940EF01.dwg - FPO1
 Date/Time: Wed Nov 30, 2022 - 4:41pm - Frank...

SURVEY
 SURVEY IS PROVIDED BY CRA SURVEY PTY LTD
 7A/346 BELMORE ROAD, BALWYN VIC 3103
 PH.03 9890 0933

TBM SCHEDULE

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CAUTION!
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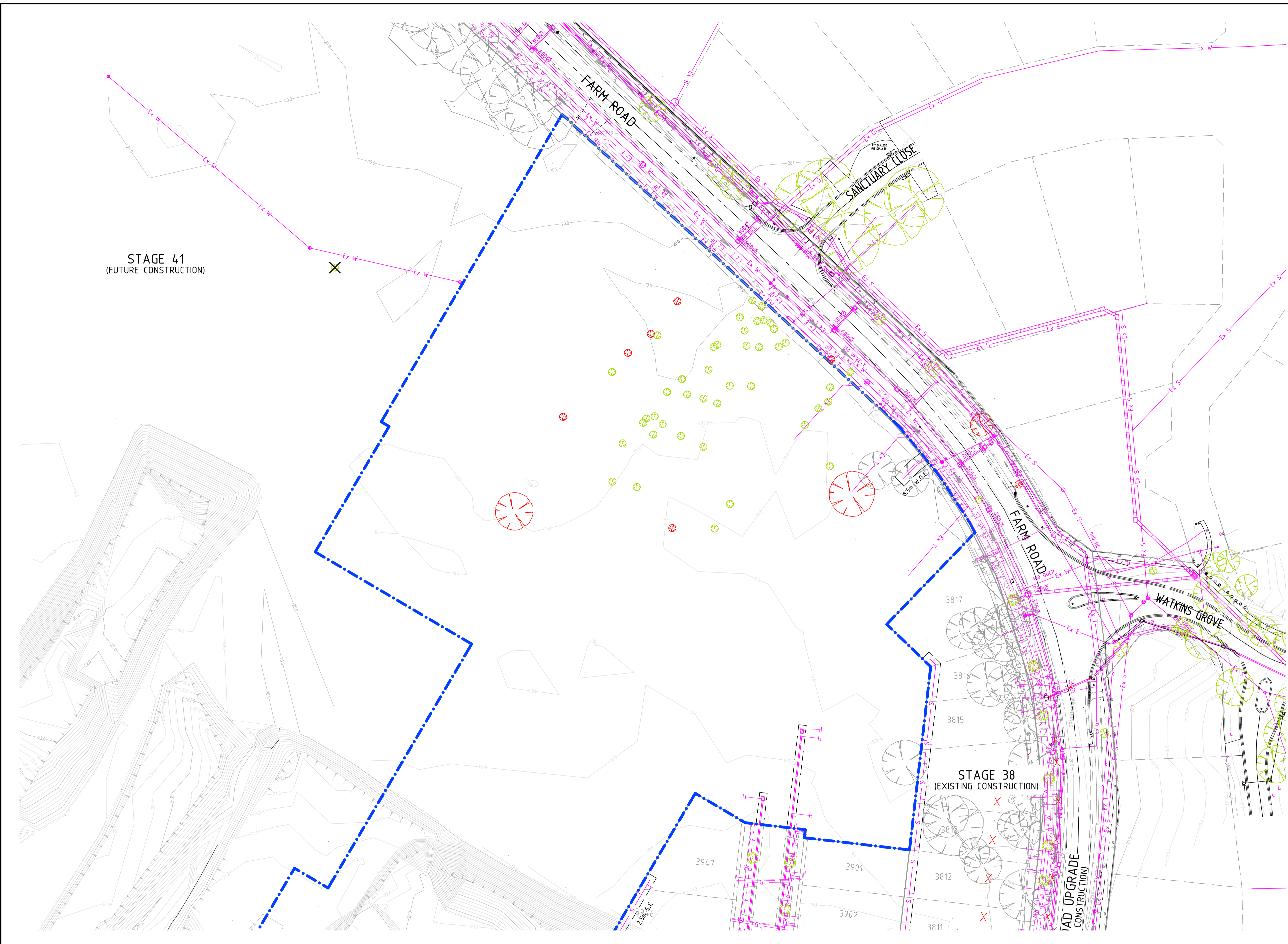
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	EX. TREE TO REMAIN		EX. TELECOMM & PIT		
	EX. TREE TO REMOVE		EX. O/H ELEC. & POLE		
	PREV. REMOVED TREE		GAS CONDUIT		



RIVERWALK
STAGE 40
 GEELONG ROAD, WERRIBEE
 WYNDHAM CITY COUNCIL
 EXISTING FEATURES PLAN
 SHEET 02 OF 02
 Drawing No. 10940EF02
 Sheet No. 40 of 40

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