

RIVERWALK
STAGE 24A
GEE LONG ROAD, WERRIBEE
WYNDHAM CITY COUNCIL

FOR



CIVIL DRAWINGS
ROAD AND DRAINAGE

DCE REF : 10924A

CONSTRUCTION ISSUE



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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-(AMENDED) GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED VPA (EDCM) & CITY OF WYNDHAM 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, TRENCHES, 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 200mm 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 HYDROSEEDDED.
- 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 EDMC 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 EDMC 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 EDMC 501, 502 OR 503. UNLESS OTHERWISE SHOWN.
- PROVIDE LAYBACKS IN KERB TO ALL PRAM CROSSINGS IN ACCORDANCE WITH EDMC 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 CURVES 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 SIDE ENTRY PITS EXCEPT THOSE AT LOW POINTS ARE TO HAVE FLUTES AS SPECIFIED IN THE COUNCIL STANDARD DRAWINGS.
- 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 EDMC 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 EDMC 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) - STANDARD NOTES

- 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 MAINLAYING TO BE COORDINATED WITH OTHER SERVICES

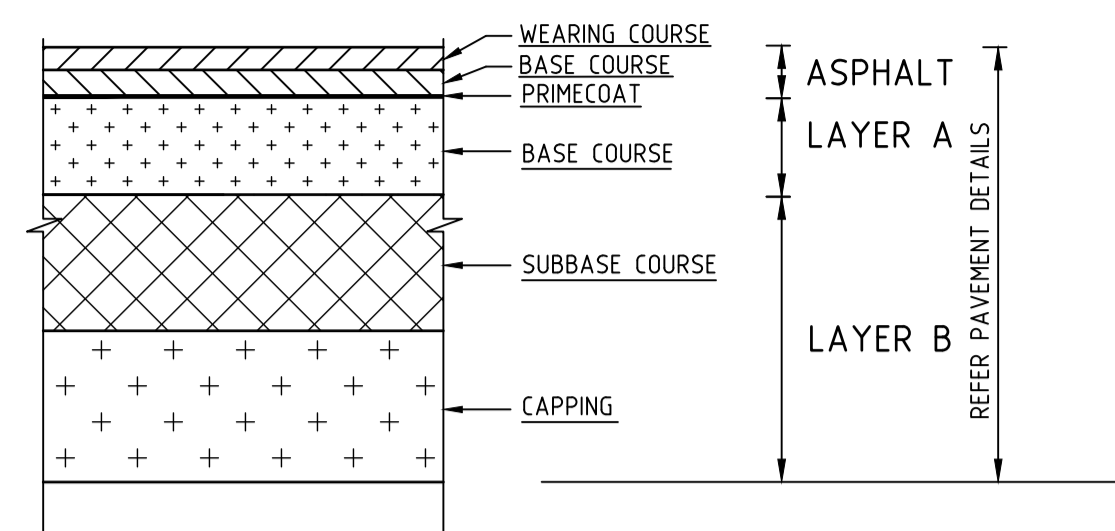
REINFORCED CONCRETE PIPE

- 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 & RELAID 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.

PAVEMENT DETAILS

	INTERNAL ACCESS ROADS & SERVICE ROADS FOCAL ROAD, SERVICE ROAD, VEDA STREET
ASPHALT	WEARING COURSE 30mm SIZE 10mm TYPE N BASE COURSE 30mm SIZE 10mm TYPE N PRIMER SEAL AND SAMI 10mm
LAYER A	BASE 130mm VICROADS CLASS 2 SIZE 20mm FCR
LAYER B	SUBBASE: 140mm VICROADS CLASS 3 SIZE 20mm FCR CAPPING:
DEPTH TOTAL	480mm min.
SUBGRADE	SUBGRADE STRUCTURAL FILL ON APPROVED SUBGRADE AS1289.5.1.1

NOTE: REFER GEOTECHNICAL REPORT REFERENCE G3585.1AA DATE: 02/03/18 PRODUCED BY GROUND SCIENCE



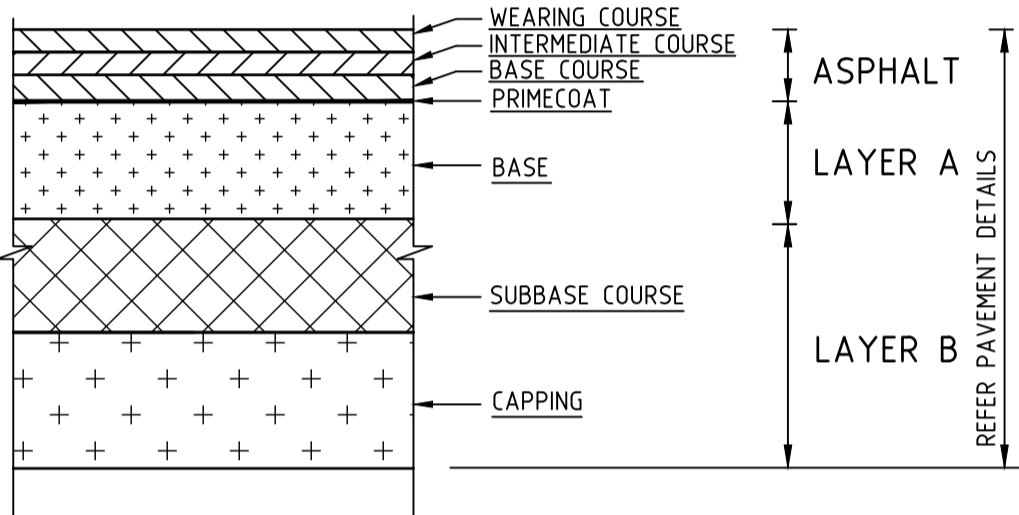
TYPICAL PAVEMENT DETAIL

SCALE 1:10
REFER TO EDMC 202
NOTE: FOR SERVICE CONDUIT DETAILS REFER TO NOTE 43

PAVEMENT DETAILS

	INTERNAL CONNECTOR ROAD & BUS ROUTE COLDSTREAM AVENUE
ASPHALT	WEARING COURSE 40mm SIZE 14mm TYPE H INTERMEDIATE COURSE 75mm SIZE 20mm TYPE SI BASE COURSE 75mm SIZE 20mm TYPE SI PRIMECOAT
LAYER A	BASE 100mm VICROADS CLASS 3 SIZE 20mm 3% CTR
LAYER B	SUBBASE: 100mm VICROADS CLASS 4 SIZE 20mm FCR CAPPING:
DEPTH TOTAL	540mm min.
SUBGRADE	SUBGRADE STRUCTURAL FILL ON APPROVED SUBGRADE AS1289.5.1.1

NOTE: REFER GEOTECHNICAL REPORT REFERENCE G3585.1AA DATE: 02/03/18 PRODUCED BY GROUND SCIENCE



TYPICAL PAVEMENT DETAIL

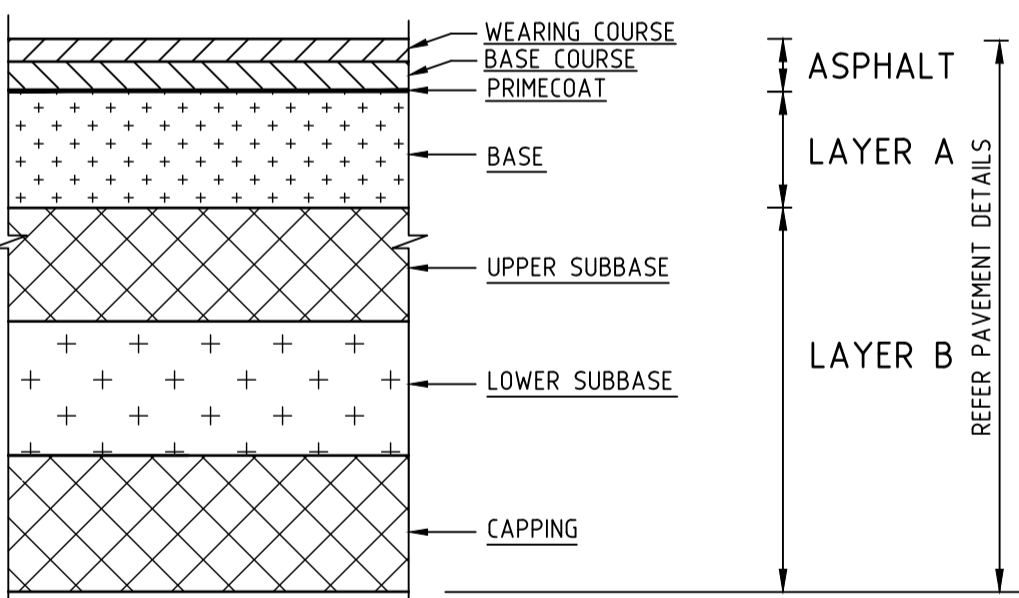
SCALE 1:10
REFER TO EDMC 202
NOTE: FOR SERVICE CONDUIT DETAILS REFER TO NOTE 43

NOTE: AG DRAINS TO BE INSTALLED IN ACCORDANCE WITH EDMC STD. DRG. 202

PAVEMENT DETAILS

	MAJOR ACCESS STREET EXPLORATION AVENUE (NORTH OF COLDSTREAM AVENUE)
ASPHALT	WEARING COURSE 40mm SIZE 14mm TYPE N BASE COURSE 40mm SIZE 14mm TYPE HP PRIMECOAT
LAYER A	BASE 110mm VICROADS CLASS 2 SIZE 20mm FCR
LAYER B	UPPER SUBBASE: 100mm VICROADS CLASS 3 SIZE 20mm LOWER SUBBASE: 100mm VICROADS CLASS 4 SIZE 20mm FCR CAPPING:
DEPTH TOTAL	540mm min.
SUBGRADE	SUBGRADE STRUCTURAL FILL ON APPROVED SUBGRADE AS1289.5.1.1

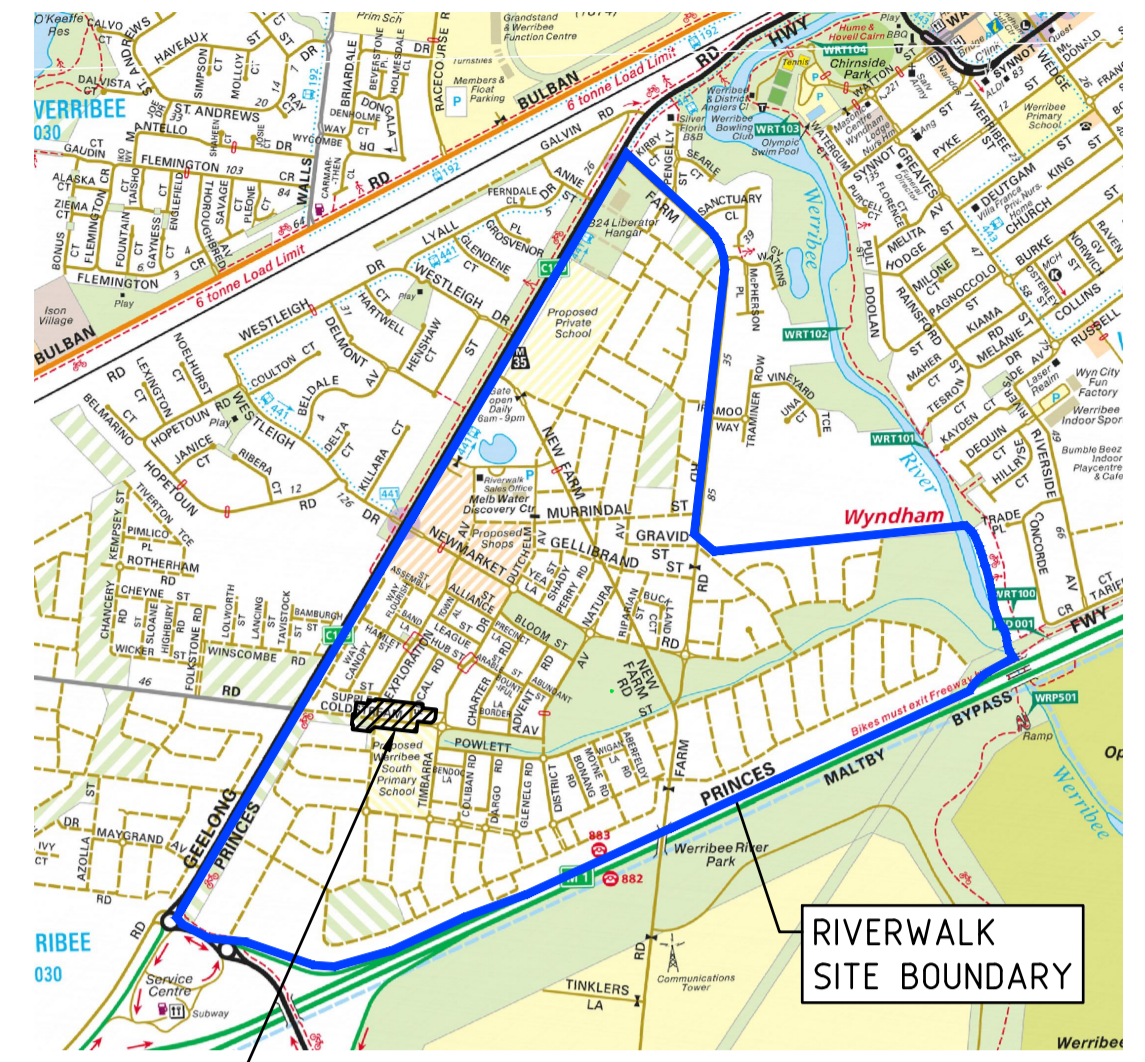
NOTE: REFER GEOTECHNICAL REPORT REFERENCE G3585.1AA DATE: 02/03/18 PRODUCED BY GROUND SCIENCE



TYPICAL PAVEMENT DETAIL

SCALE 1:10
REFER TO EDMC 202
NOTE: FOR SERVICE CONDUIT DETAILS REFER TO NOTE 43

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.



LOCALITY PLAN

MELWAY REF: 244 E1
N.T.S.

DRAWING INDEX

SHEET NO.	DRAWING NO.	DESCRIPTION
01	10924TD01	LOCALITY PLAN, NOTES AND DRAWING INDEX
02-03	10924TD02-03	TYPICAL SECTIONS AND DETAILS, SHEETS 01 TO 02
04	10924SP01	STAGING PLAN
05	10924DP01	DETAIL PLAN
06-07	10924SOP01-02	SETOUT PLAN, SHEETS 01 TO 02
08-11	10924ID01-04	INTERSECTION DETAILS, SHEETS 01 TO 04
12	10924LD01	LANEWAY CONCRETE PAVEMENT DETAILS
13-14	10924LM01-02	LINEMARKING AND SIGNAGE PLAN, SHEETS 01 TO 02
15-16	10924PK01-02	PARKING BAY DETAILS, SHEETS 01 TO 02
17-18	10924LS01-02	LONGITUDINAL SECTIONS, SHEETS 01 TO 02
19-26	10924XS01-08	CROSS SECTIONS, SHEETS 01 TO 08
27-28	10924DR01-02	DRAINAGE LONGITUDINAL SECTIONS, SHEETS 01 TO 02
29	10924DR03	PIT SCHEDULE
30	10924EF01	EXISTING FEATURES PLAN
31	10924FP01	FILL PLAN
32-34	10924POS01-03	PLAN OF SUBDIVISION, SHEETS 01 TO 03

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



CAUTION!!!
TELSTRA MAJOR CABLES ARE IN THE VICINITY OF WORKS

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

Drawing File: C:\Users\jstern\Documents\SWMERG\MEL\10924-Riverwalk - Stage 24A\Stage 24A.dwg
Date/Time: Fri Aug 15, 2019 - 4:08pm --DillonB--

Drawn R.YOUNG
Date 31/07/18
AN 1991111
Designed C.LOWE
Date 13/09/18
AN 1961205
Verified R.MONKHOUSE
Date 24/09/18
AN 644589
Approved T.LIAKOPOULOS
Date 01/10/18
AN 888446

CONSTRUCTION ISSUE

REV	AMENDMENTS	DATE	APP'D.
0	ISSUED FOR CONSTRUCTION	28/06/19	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.



Coords: MGA
Levels: AHD

Scale @ A1/A3 AS SHOWN

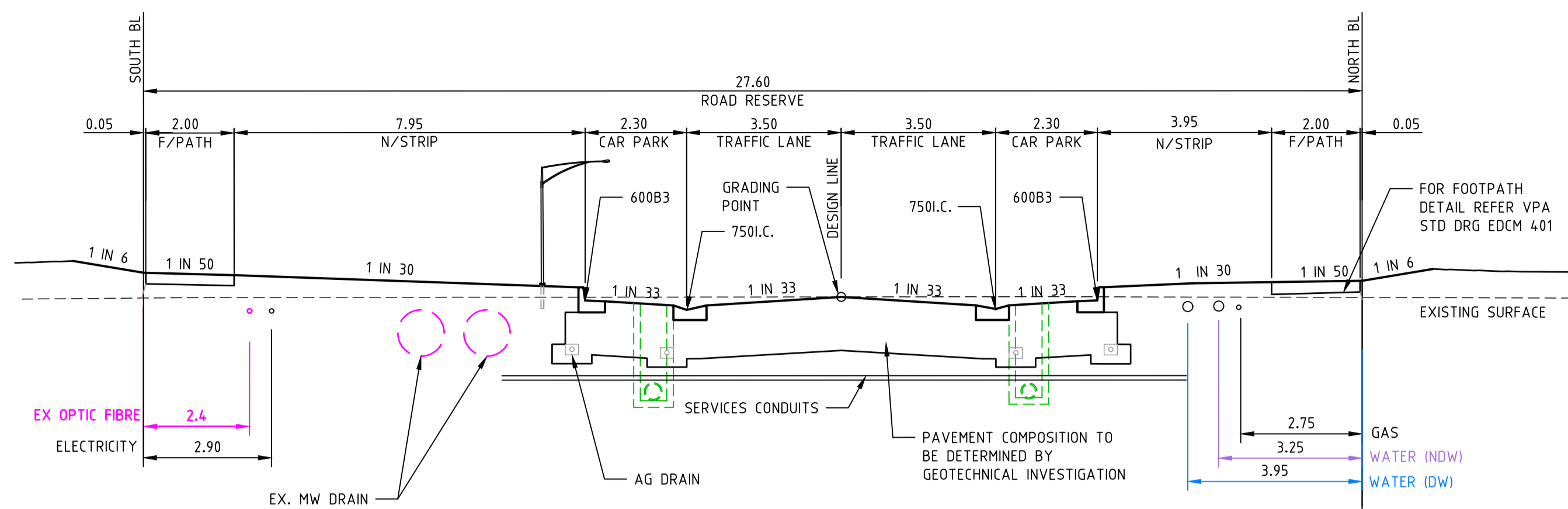
RIVERWALK
STAGE 24A
GEELONG ROAD, WERRIBEE
LOCALITY PLAN, NOTES
AND DRAWING INDEX
Drawing No. 10924TD01 Rev 0
Sheet No. 01 CONSTRUCTION



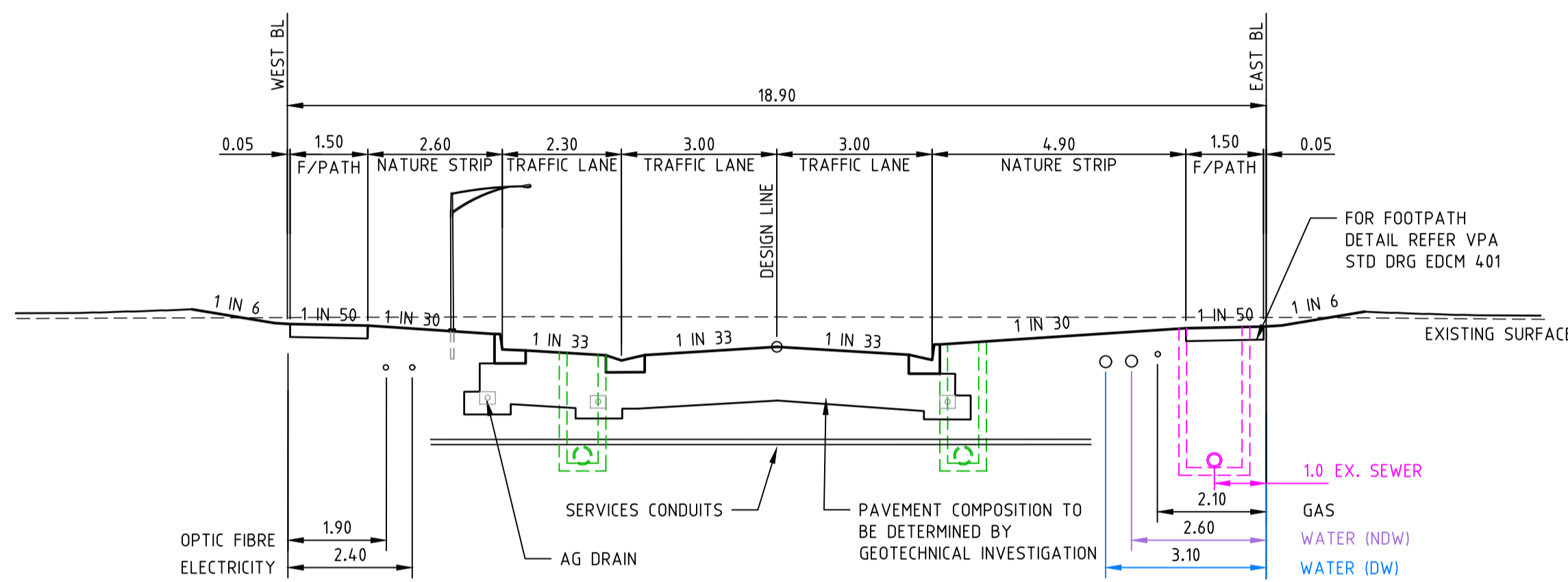
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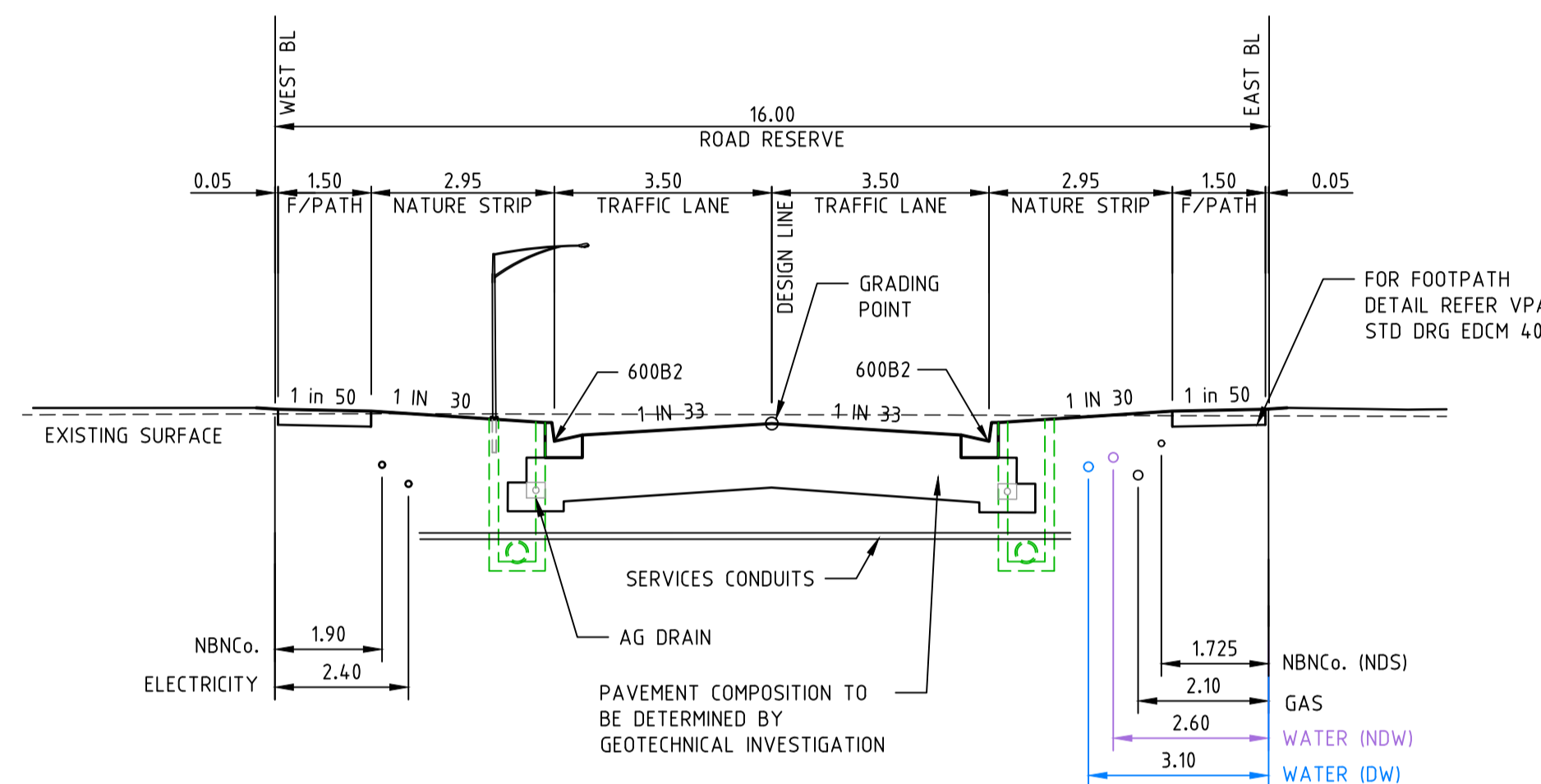


STANDARD CONNECTOR STREET (TYPE 1)
COLDSTREAM AVENUE
(WITH PARKING BAYS)

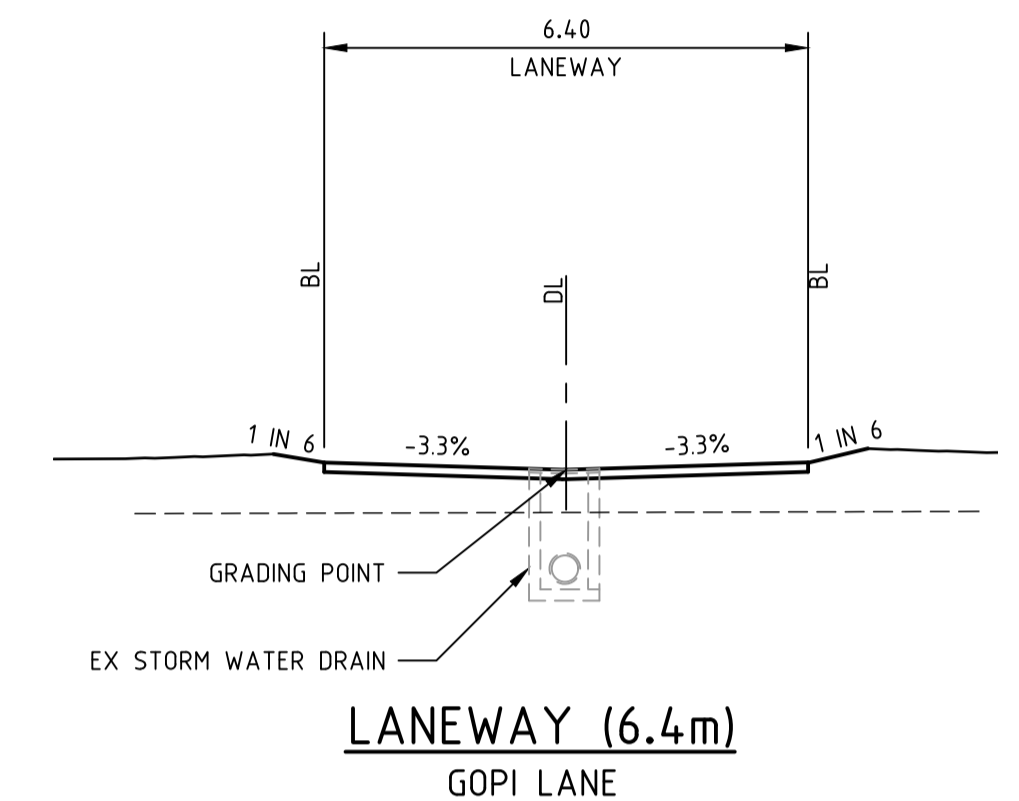


STANDARD MAJOR ACCESS STREET (TYPE 3)
EXPLORATION AVENUE (NORTH OF COLDSTREAM AVENUE)
(WITH PARKING BAY WEST SIDE)

NOTE: NO DESIGN CROSS SECTIONS ARE PROVIDED THROUGH PARKING BAY



STANDARD ACCESS STREET (TYPE 5)
FOCAL ROAD



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

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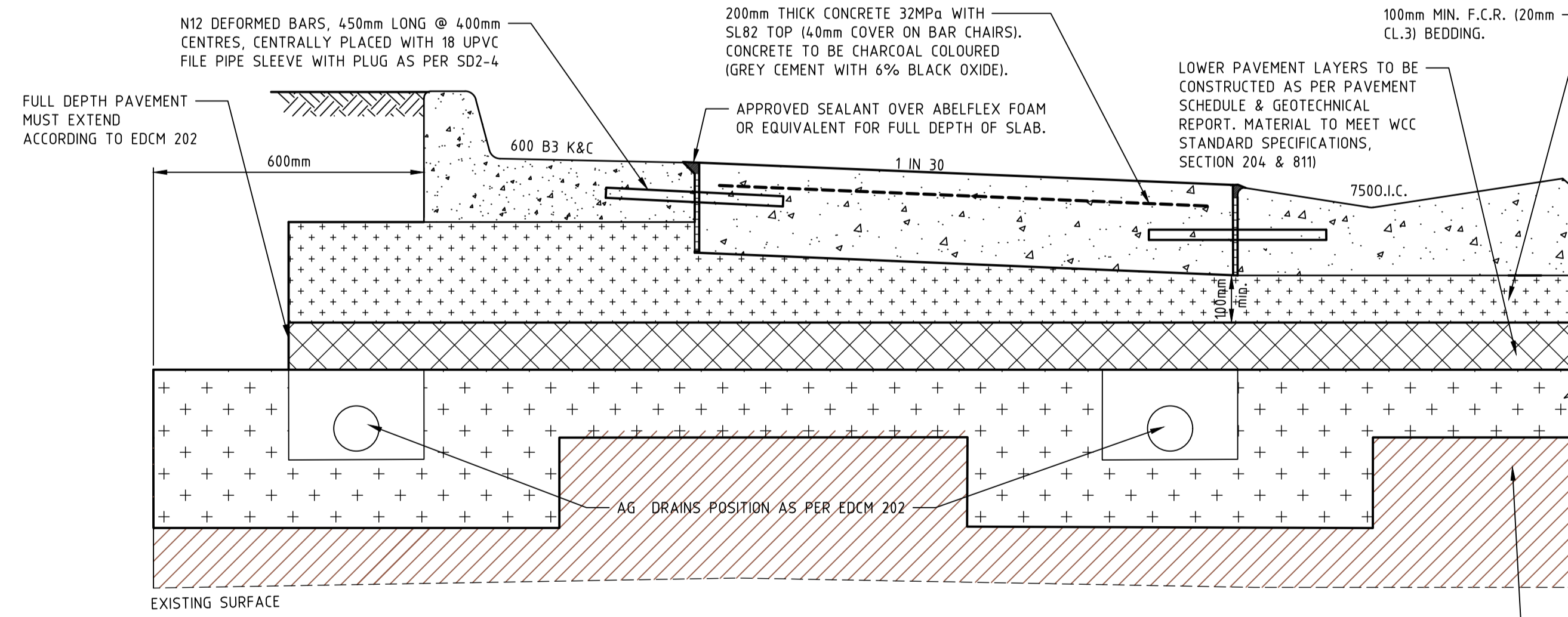


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WARNING
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SOME UNDERGROUND SERVICES MAYBE CONSTRUCTED FROM ASBESTOS CONTAINING MATERIAL. CONTACT THE SUPERINTENDENT FOR INSTRUCTIONS ON HOW TO MANAGE ANY POTENTIAL ASBESTOS HAZARD



TYPICAL PARKING BAY - CHARCOAL COLOURED CONCRETE PAVEMENT DETAIL
SCALE 1:10

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Date/Time: Fri Aug 15, 2019 4:08pm --D:\dorb--

REV	AMENDMENTS	DATE	APP'D.
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

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CONSTRUCTION ISSUE



Coords: MGA
Levels: AHD
Hor 1:100 0m 1m 2m 4m 6m
Scale @ A1/A3 1:100/1:200

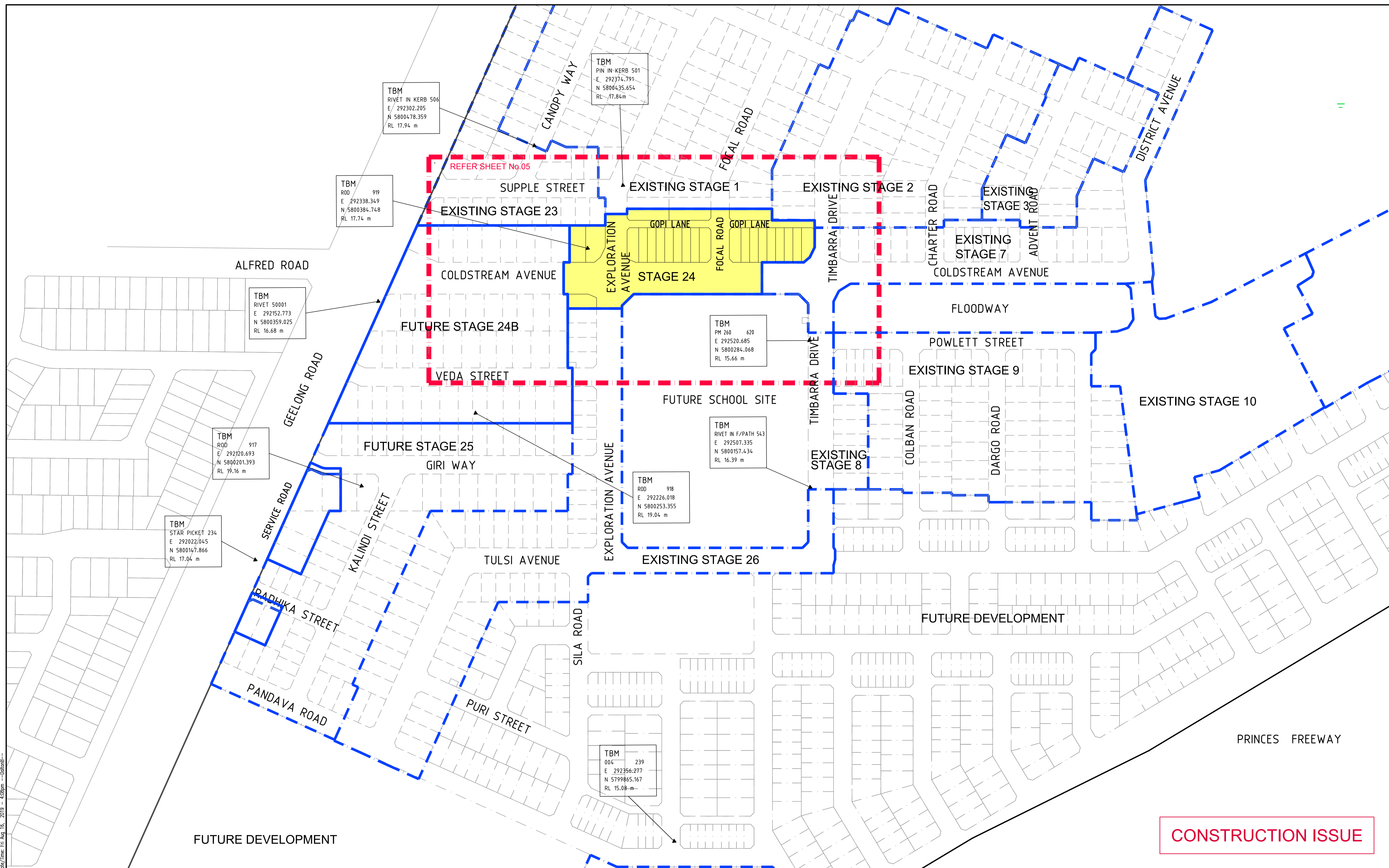
RIVERWALK
STAGE 24A
GEELONG ROAD, WERRIBEE
TYPICAL SECTIONS AND DETAILS
SHEET 02 OF 02
Drawing No. 10924ATD03 Rev 0
Sheet No. 03 CONSTRUCTION
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Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

Drawing File: C:\Users\jordan\Documents\10924-Riverwalk - Stage 24\Stage 24M.dwg
 Date/Time: Fri Aug 15 2019 4:08pm --Dalton--



REV	AMENDMENTS	DATE	APPD.
1	COUNCIL COMMENTS (10/07/19)	15/07/19	TL
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

LEGEND
 STAGE 24 WORKS

Coords: MGA
 Levels: AHD
 Scale @ A1/A3 1:1500/1:3000

RIVERWALK
STAGE 24A
GEELONG ROAD, WERRIBEE
STAGING PLAN
 Drawing No. 10924ASP01 Rev 1
 Sheet No. 04 **CONSTRUCTION**
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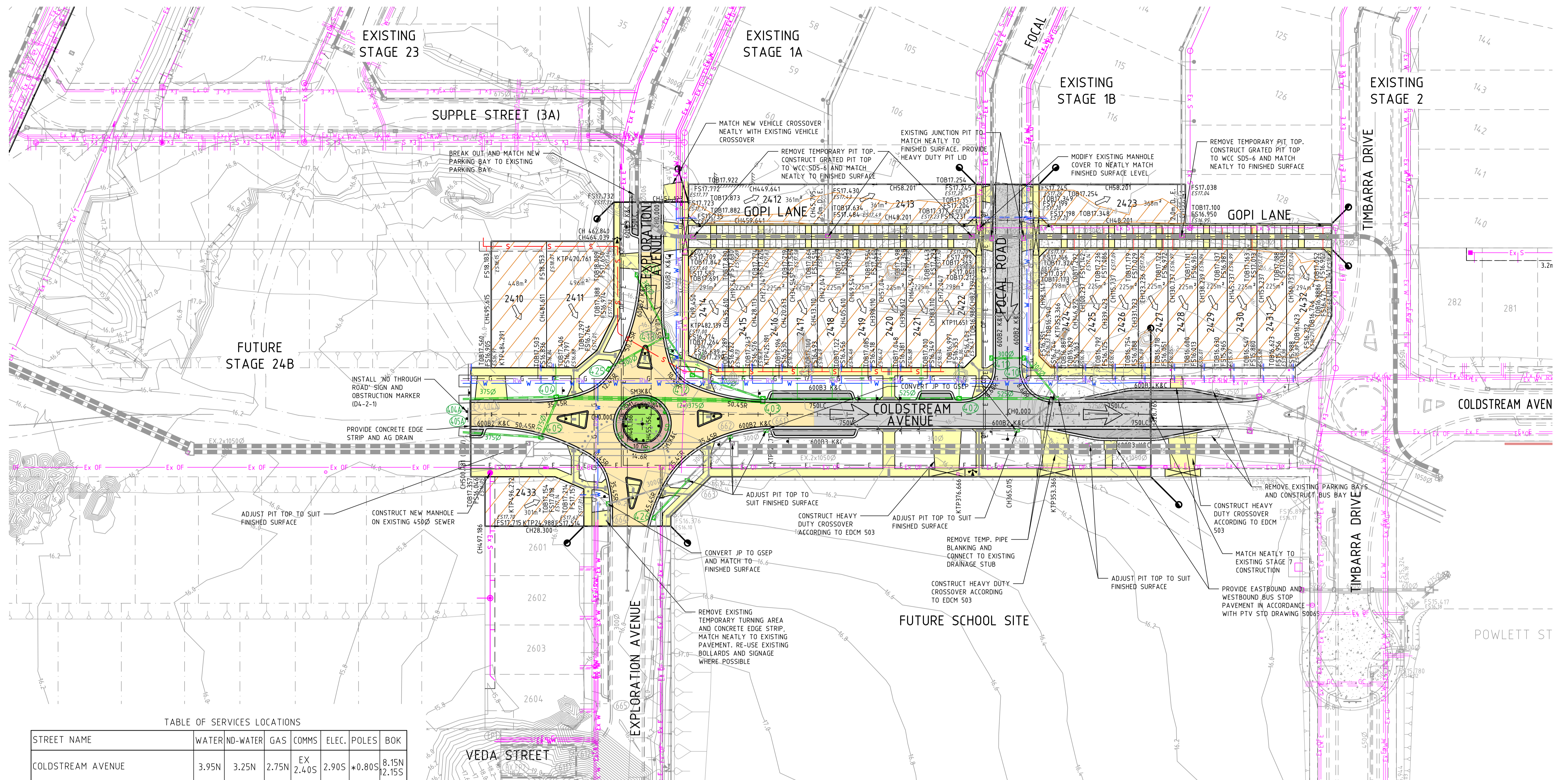


TABLE OF SERVICES LOCATIONS

STREET NAME	WATER	ND-WATER	GAS	COMMS	ELEC.	POLES	BOK
COLDSTREAM AVENUE	3.95N	3.25N	2.75N	EX 2.40S	2.90S	*0.80S	8.15N 2.15S
VEDA STREET	3.00N	2.55N	2.10N	1.725S	2.15S	*0.80S	4.35
EXPLORATION AVENUE (SOUTH OF COLDSTREAM AVENUE)	3.55W	3.05W	2.60W	2.225E	2.65E	-	6.65
EXPLORATION AVENUE (NORTH OF COLDSTREAM AVENUE)	3.10E	2.60E	2.10E	1.90W	2.40W	*0.80W	4.35
FOCAL ROAD	3.10E	2.60E	2.10E	1.90W	2.40W	*0.80W	4.35
SERVICE ROAD	6.10E	5.60E	4.80E	2.225E	4.30E	*0.80W	8.40

*BEHIND BACK OF KERB

CONSTRUCTION ISSUE

BEWARE!!!
DEVELOPMENT VICTORIA FTTH OPTIC FIBRE CABLES IN THE VICINITY OF WORKS.
TEL: 03 9331 4575

WARNING
BEWARE OF ASBESTOS
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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.

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

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

NOTE:
ALL EX PIT & MH WITHIN NEW WORKS TO BE ADJUSTED TO MATCH NEW FINISHED SURFACE LEVELS

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

REV	AMENDMENTS	DATE	APPD.
2	SCHOOL CROSSOVER ADDED	15/08/19	TL
1	COUNCIL COMMENTS (10/07/19)	15/07/19	TL
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
Date 31/07/18
AN 1991111
Designed C.LOWE
Date 13/09/18
AN 1961205
Verified R.MONKHOUSE
Date 24/09/18
AN 644589
Approved T.LIAKOPOULOS
Date 01/10/18
AN 888446

LEGEND

- Ex W - EXISTING WATER MAIN
- Ex G - EXISTING GAS MAIN
- Ex E - EXISTING ELECTRICAL CABLE
- Ex S - EXISTING SEWER MAIN & MANHOLE
- Ex T - EXISTING TELECOMM. CABLE AND PIT
- Ex P - EXISTING ELEC. POLE & O'HEAD LINES
- Ex D - EXISTING STORMWATER DRAIN & PIT
- Ex C - EXISTING CONSTRUCTED PRE DEVELOPMENT EXISTING TREES
- Ex R - EXISTING TREES TO BE REMOVED
- Ex X - EXISTING TREES REMOVED IN PREVIOUS STAGE
- FS21.650 - EXISTING SURFACE LEVEL
- FS21.650 - FINISHED SURFACE LEVEL
- S - SEWER MAIN AND MANHOLE
- SD - STORMWATER DRAIN & PIT
- SW - SW DRAIN & PIT CONSTRUCTED IN PREVIOUS STAGES
- PRO - PROPERTY INLETS
- H - HOUSE DRAIN
- GC - GAS CONDUIT
- W - WATER CONDUIT
- WC - RECYCLED WATER CONDUIT
- TC - TELECOMM. CONDUIT
- PM - PERMANENT SURVEY MARK
- TM - TEMPORARY BENCH MARK
- OD - OPEN EARTH DRAIN (O.E.D.)
- SS - STREET NAME SIGN
- W - WATER
- RW - RECYCLED WATER
- T - TELECOMMUNICATIONS
- E - ELECTRICITY
- G - GAS
- REG - REGRADE LOT AT MIN 1 IN 150
- ASP - ASPHALT PAVEMENT
- CONC - CONC FOOTPATH / DRIVEWAY
- PS - PORPHYRY STONE
- LAND - LANDSCAPE AREA
- PB - PARKING BAY CONCRETE
- TYPE V - TYPE V ASPHALT
- FILL - FILLING OVER 200mm
- FS - FINISHED SURFACE CONTOUR
- RET - RETAINING WALL

DEVELOPMENT VICTORIA

Coords: MGA
Levels: AHD

Hor 1:500 0m 5m 10m 20m 30m
Scale @ A1/A3 1:500/1:1000

RIVERWALK
STAGE 24A
GEELONG ROAD, WERRIBEE
DETAIL PLAN
SHEET 01 OF 02
Drawing No. 10924ADP01 Rev 2
Sheet No. 05 CONSTRUCTION
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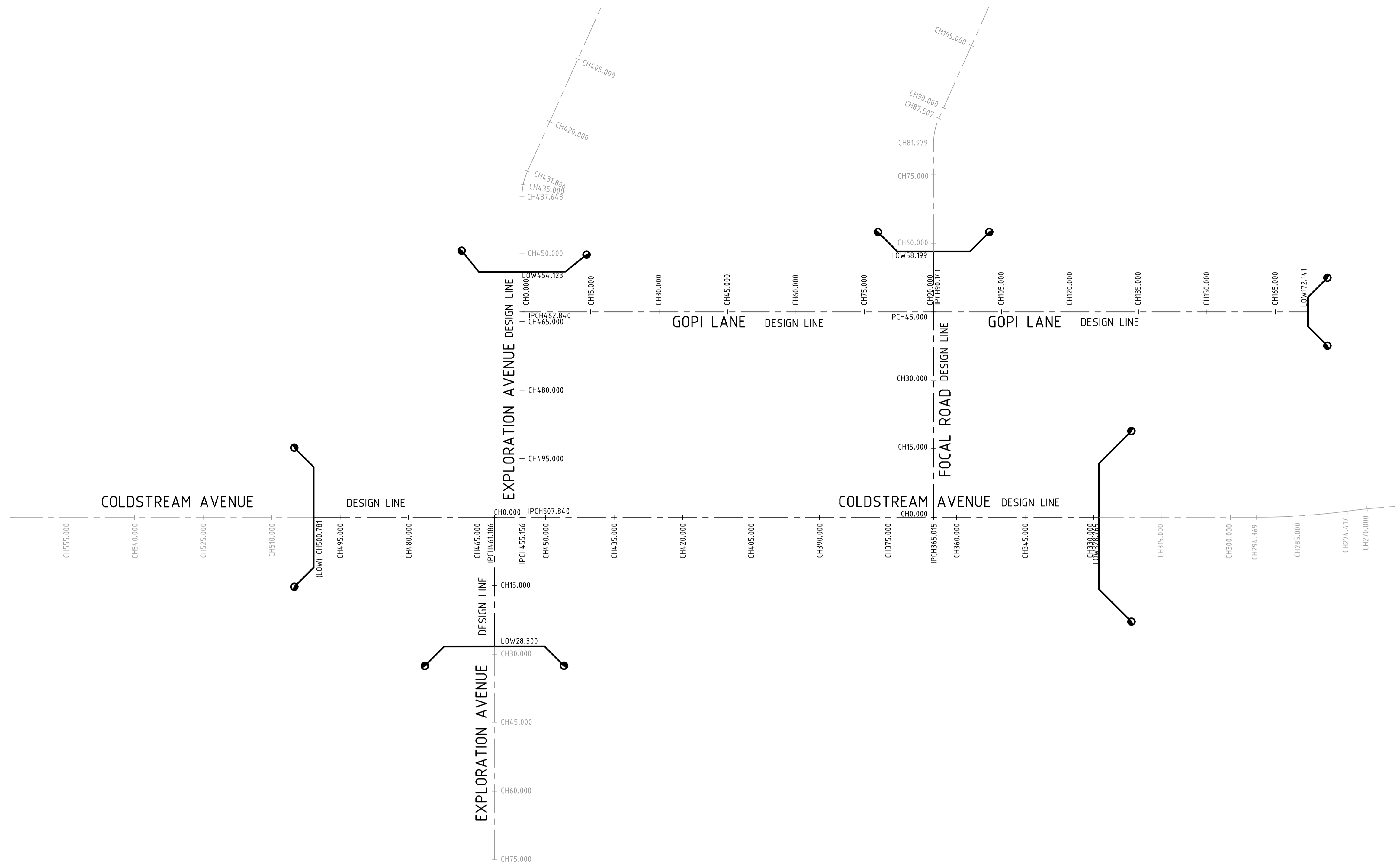
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Drawing File: C:\24_Springs\24a\DWG\10924-Revwork-ME\10924-Revwork - Stage 24A_Stage 24A.rvt
Date/Time: Fri Aug 15, 2019 - 4:09pm - Dalton

Drawing File: C:\24_Springs\Jobs\10924-Riverwalk-MEL\10924-Riverwalk - Stage 24A - Stage 24A\10924-Stage 24A.dwg
 Date: 28/06/2019 15:40:39
 User: R.MONKHOUSE

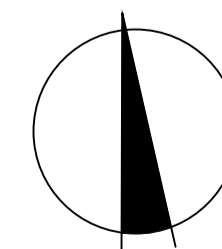


CONSTRUCTION ISSUE

REV	AMENDMENTS	DATE	APPD.
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
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 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

LEGEND
 ——— LIMIT OF WORKS



Coords: MGA
 Levels: AHD
 Hor 1:500 0m 5m 10m 20m 30m
 Scale @ A1/A3 1:500/1:1000

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 SETOUT PLAN
SHEET 01 OF 02
 Drawing No. **10924ASOP01** Rev 0
 Sheet No. 06 **CONSTRUCTION**
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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.

HORIZONTAL ALIGNMENT REPORT FOR COLDSTREAM AVENUE DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES		RL	BEARING DEG MIN SEC	RADIUS
		EASTING	NORTHING			
INTERSECTION POINT	229.465	292584.835	5800336.014	15.848	276°19'39.06"	
STRAIGHT	240.000	292574.364	5800337.175	15.795	276°19'39.06"	
TANGENT-CURVE	254.465	292559.987	5800338.769	15.847	276°19'38.74"	-149.996
CURVE	255.000	292559.455	5800338.827	15.855	276°07'23.04"	-149.996
CURVE	262.500	292551.981	5800339.440	16.008	273°15'29.56"	-149.996
CURVE	270.000	292544.486	5800339.679	16.108	270°23'36.08"	-149.996
CURVE-TANGENT	274.417	292540.069	5800339.645	16.103	268°42'22.62"	-149.996
TANGENT-CURVE	274.417	292540.069	5800339.645	16.103	268°42'22.94"	-149.996
CURVE	277.500	292536.986	5800339.607	16.071	269°53'02.87"	150.000
CURVE	285.000	292529.489	5800339.779	15.899	272°44'56.11"	150.000
CURVE	292.500	292522.010	5800340.326	15.724	275°36'49.35"	150.000
CURVE-TANGENT	294.369	292520.151	5800340.520	15.698	276°19'39.05"	150.000
STRAIGHT	300.000	292514.554	5800341.141	15.668	276°19'39.42"	
STRAIGHT	315.000	292499.646	5800342.794	15.739	276°19'39.42"	
STRAIGHT	328.765	292485.965	5800344.311	15.808	276°19'39.42"	
STRAIGHT	330.000	292484.737	5800344.447	15.814	276°19'39.06"	
STRAIGHT	345.000	292469.828	5800346.100	15.889	276°19'39.06"	
STRAIGHT	360.000	292454.920	5800347.754	15.964	276°19'39.06"	
STRAIGHT	375.000	292440.011	5800349.407	16.039	276°19'39.06"	
STRAIGHT	390.000	292425.103	5800351.060	16.114	276°19'39.06"	
STRAIGHT	405.000	292410.194	5800352.713	16.189	276°19'39.06"	
STRAIGHT	420.000	292395.285	5800354.366	16.264	276°19'39.06"	
STRAIGHT	435.000	292380.377	5800356.019	16.339	276°19'39.06"	
STRAIGHT	450.000	292365.468	5800357.673	16.541	276°19'39.06"	
STRAIGHT	465.000	292350.559	5800359.326	16.667	276°19'39.06"	
STRAIGHT	480.000	292335.651	5800360.979	16.564	276°19'39.06"	
STRAIGHT	495.000	292320.742	5800362.632	16.639	276°19'39.06"	
STRAIGHT	510.000	292305.834	5800364.285	16.600	276°19'39.06"	
STRAIGHT	525.000	292290.925	5800365.939	16.589	276°19'39.06"	
STRAIGHT	540.000	292276.016	5800367.592	16.664	276°19'39.06"	
STRAIGHT	555.000	292261.108	5800369.245	16.739	276°19'39.06"	
TANGENT-CURVE	565.878	292250.296	5800370.444	16.721	276°19'39.06"	-203.500
CURVE	570.000	292246.195	5800370.857	16.700	275°10'00.93"	-203.500
CURVE	577.500	292238.715	5800371.394	16.663	273°03'19.04"	-203.500
CURVE	585.000	292231.220	5800371.656	16.689	270°56'37.14"	-203.500
CURVE	592.500	292223.720	5800371.641	16.727	268°49'55.24"	-203.500
CURVE	600.000	292216.226	5800371.350	16.764	266°43'13.34"	-203.500
CURVE	607.500	292208.748	5800370.783	16.802	264°36'31.45"	-203.500
CURVE-TANGENT	608.185	292208.066	5800370.718	16.805	264°24'56.67"	-203.500
TANGENT-CURVE	608.185	292208.066	5800370.718	16.805	264°24'56.67"	-203.500
CURVE	615.000	292201.266	5800370.294	16.839	268°27'42.46"	96.500
CURVE	622.500	292193.768	5800370.385	16.877	272°54'53.40"	96.500
CURVE-TANGENT	629.816	292186.482	5800371.033	16.913	277°15'32.09"	96.500
TANGENT-CURVE	629.816	292186.482	5800371.033	16.913	277°15'32.09"	203.500
CURVE	639.000	292186.300	5800371.056	16.914	277°18'38.10"	203.500
CURVE	637.500	292178.880	5800372.148	16.952	279°25'19.99"	203.500
CURVE	645.000	292171.506	5800373.511	17.011	281°32'01.88"	203.500
CURVE	652.500	292164.187	5800375.146	17.101	283°38'43.78"	203.500
CURVE	660.000	292156.933	5800377.049	17.220	285°45'25.67"	203.500
CURVE	667.500	292149.754	5800379.219	17.370	287°52'07.56"	203.500
CURVE-TANGENT	673.214	292144.340	5800381.048	17.492	289°28'39.46"	203.500
STRAIGHT	675.000	292142.657	5800381.644	17.530	289°28'40.18"	

HORIZONTAL ALIGNMENT REPORT FOR EXPLORATION AVENUE DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES		RL	BEARING DEG MIN SEC	RADIUS
		EASTING	NORTHING			
INTERSECTION POINT	0.000	292354.350	5800358.905	16.944	186°19'39.07"	
STRAIGHT	15.000	292352.697	5800343.997	16.826	186°19'39.07"	
STRAIGHT	28.300	292351.231	5800350.778	17.322	186°19'39.07"	
STRAIGHT	30.000	292351.044	5800329.088	17.391	186°19'39.07"	
STRAIGHT	45.000	292349.391	5800314.180	17.890	186°19'39.07"	
STRAIGHT	60.000	292347.738	5800299.271	18.161	186°19'39.07"	
STRAIGHT	75.000	292346.084	5800284.362	18.203	186°19'39.07"	
STRAIGHT	90.000	292344.431	5800269.454	18.128	186°19'39.07"	
STRAIGHT	105.000	292342.778	5800254.545	18.053	186°19'39.07"	
STRAIGHT	120.000	292341.125	5800239.636	17.978	186°19'39.07"	
STRAIGHT	135.000	292339.472	5800224.728	17.903	186°19'39.07"	
STRAIGHT	150.000	292337.819	5800209.819	17.828	186°19'39.07"	
STRAIGHT	165.000	292336.165	5800194.911	17.876	186°19'39.07"	
STRAIGHT	180.000	292334.512	5800180.002	17.801	186°19'39.07"	
STRAIGHT	195.000	292332.859	5800165.093	17.726	186°19'39.07"	
STRAIGHT	210.000	292331.206	5800150.185	17.728	186°19'39.07"	
STRAIGHT	225.000	292329.553	5800135.276	17.759	186°19'39.07"	
STRAIGHT	240.000	292327.899	5800120.367	17.684	186°19'39.07"	
INTERSECTION POINT	246.918	292327.137	5800113.492	17.781	186°19'39.07"	

HORIZONTAL ALIGNMENT REPORT FOR EXPLORATION AVENUE DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES		RL	BEARING DEG MIN SEC	RADIUS
		EASTING	NORTHING			
INTERSECTICION POINT	404.123	292383.980	5800457.350	17.849	210°29'56.97"	
STRAIGHT	405.000	292383.535	5800456.595	17.854	210°29'56.97"	
STRAIGHT	420.000	292375.922	5800443.670	17.840	210°29'56.97"	
TANGENT-CURVE	431.866	292369.900	5800433.446	17.734	210°46'01.39"	-13.553
CURVE	432.000	292369.832	5800433.330	17.733	210°12'05.24"	-13.553
CURVE	435.000	292368.621	5800430.592	17.706	197°31'09.14"	-13.553
STRAIGHT	450.000	292366.714	5800415.729	17.572	186°19'25.12"	
STRAIGHT	454.123	292366.260	5800411.631	17.535	186°19'25.12"	
STRAIGHT	465.000	292365.062	5800400.820	17.387	186°19'25.12"	
STRAIGHT	480.000	292363.410	5800385.911	17.013	186°19'25.12"	
STRAIGHT	495.000	292361.758	5800371.003	16.496	186°19'25.12"	
STRAIGHT	507.839	292360.344	5800358.242	16.870	186°19'25.12"	

HORIZONTAL ALIGNMENT REPORT FOR FOCAL ROAD DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES		RL	BEARING DEG MIN SEC	RADIUS
		EASTING	NORTHING			
INTERSECTION POINT	0.000	292449.936	5800348.306	15.989	6°19'25.12"	
STRAIGHT	15.000	292451.588	5800363.215	16.226	6°19'25.12"	
STRAIGHT	30.000	292453.240	5800378.124	16.638	6°19'25.12"	
STRAIGHT	45.000	292454.892	5800393.033	16.969	6°19'25.12"	
STRAIGHT	58.199	292456.346	5800406.152	17.128	6°19'25.12"	
STRAIGHT	60.000	292456.544	5800407.941	17.140	6°19'25.12"	
STRAIGHT	75.000	292458.196	5800422.850	17.230	6°19'25.12"	
INTERSECTION POINT	81.979	292458.965	5800429.787	17.272	6°19'25.12"	
TANGENT-CURVE	81.979	292458.965	5800429.787	17.272	6°19'25.12"	13.100
CURVE	84.000	292459.341	5800431.770	17.284	15°09'40.09"	13.100
CURVE	87.000	292460.449	5800434.551	17.302	28°16'56.30"	13.100
CURVE-TANGENT	87.507	292460.698	5800434.993	17.305	30°29'56.97"	13.100
INTERSECTION POINT	87.507	292460.698	5800434.993	17.305	30°29'56.97"	
STRAIGHT	90.000	292461.963	5800437.141	17.320	30°29'56.97"	
VC INTERSECTION POINT	102.175	292468.142	5800447.631	17.393	30°29'56.97"	
STRAIGHT	105.000	292469.576	5800450.065	17.410	30°29'56.97"	

HORIZONTAL ALIGNMENT REPORT FOR GOPI LANE DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES		RL	BEARING DEG MIN SEC	RADIUS
		EASTING	NORTHING			
INTERSECTION POINT	0.000	292365.300	5800402.967	17.425	96°19'39.06"	
STRAIGHT	15.000	292380.209	5800401.314	17.607	96°19'39.06"	
STRAIGHT	30.000	292395.117	5800399.661	17.496	96°19'39.06"	
STRAIGHT	45.000	292410.026	5800398.008	17.386	96°19'39.06"	
STRAIGHT	60.000	292424.934	5800396.354	17.275	96°19'39.06"	
STRAIGHT	75.000	292439.843	5800394.701	17.165	96°19'39.06"	
STRAIGHT	90.000	292454.752	5800393.048	16.965	96°19'39.06"	
STRAIGHT	105.000	292469.660	5800391.395	17.060	96°19'39.06"	
STRAIGHT	120.000	292484.569	5800389.742	16.947	96°19'39.06"	
STRAIGHT	135.000	292499.478	5800388.088	16.843	96°19'39.06"	
STRAIGHT	150.000	292514.386	5800386.435	16.895	96°19'39.06"	
STRAIGHT	165.000	292529.295	5800384.782	16.946	96°19'39.06"	
STRAIGHT	180.000	292544.203	5800383.129	16.693	96°19'39.06"	
INTERSECTION POINT	183.141	292547.325	5800382.783	16.787	96°19'39.06"	

CONSTRUCTION ISSUE

Drawing File: C:\24_Springs\Auto\DWG\1024-Riverwalk - Stage 24A\Stage 24A(10).dwg
 Date/Time: Fri Aug 16, 2019 4:03pm --DillonB--

0	ISSUED FOR CONSTRUCTION	28/06/19	TL
REV	AMENDMENTS	DATE	APPD.

Drawn R.YOUNG
 Date 31/07/18
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 Designed C.LOWE
 Date 13/09/18
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 Verified R.MONKHOUSE
 Date 24/09/18
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 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

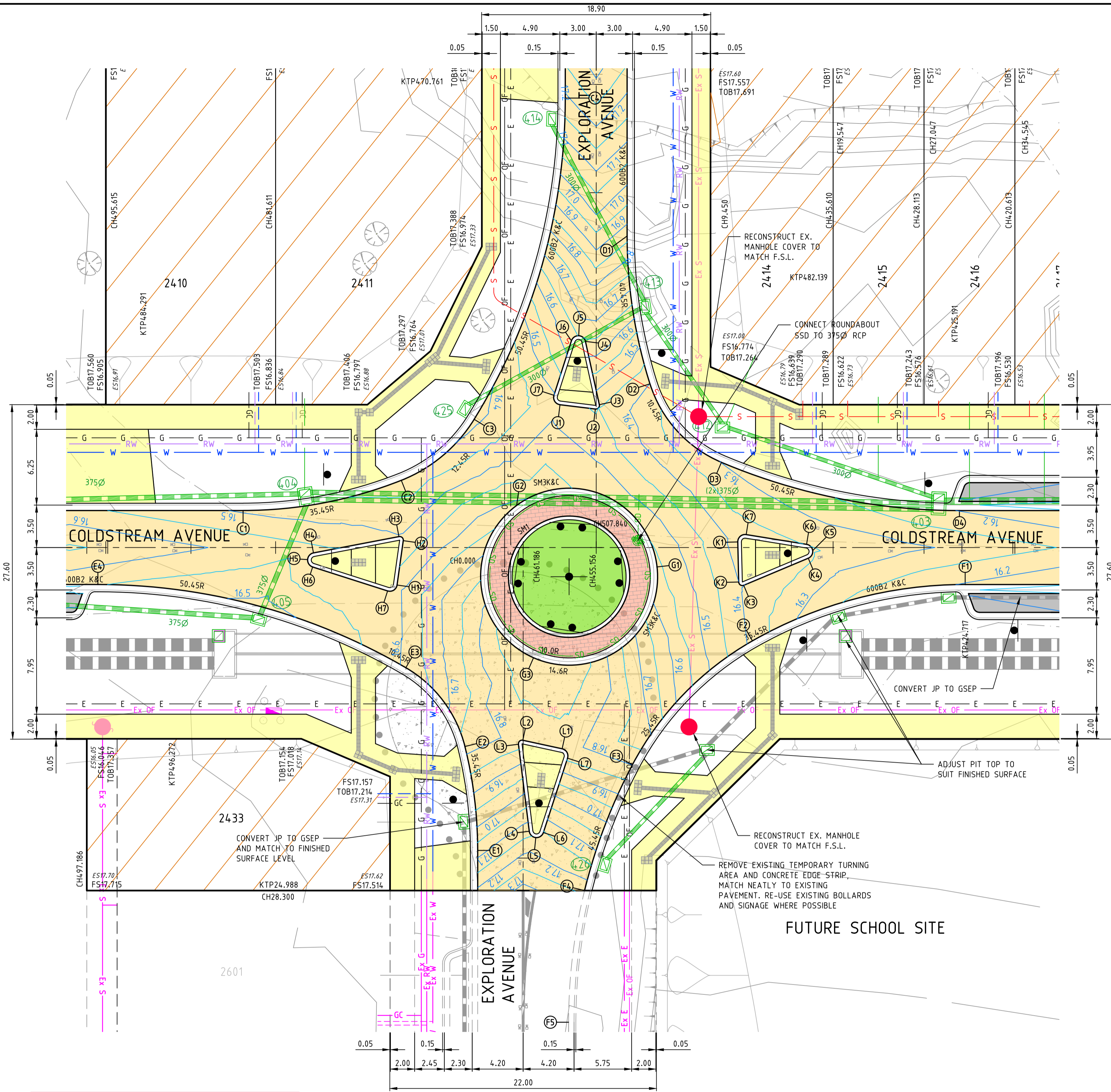
Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

Coords: MGA
 Levels: AHD
 Scale @ A1/A3

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 SETOUT PLAN
 SHEET 02 OF 02
 Drawing No. 10924ASOP02 Rev 0
 Sheet No. 07 **CONSTRUCTION**
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Drawing File: C:\Users\jordan\Documents\10924-Riverwalk - Stage 24A - Slope 24A\10924-Riverwalk - Stage 24A.dwg
 Date/Time: Fri Aug 15, 2019 - 4:08pm --DaltonB--



PLAN

NOTE:
 ALL EXISTING PITS AND MANHOLES WITHIN NEW WORKS AREA SHALL BE ADJUSTED TO NEATLY MATCH FINISH SURFACE LEVEL.

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.

ALIGNMENT C

POINT NO	EASTING	NORTHING	RL								
C1	292331.722	5800364.485	16.494								
C2	292344.970	5800365.522	16.427								
C3	292351.499	5800369.865	16.387								
C4	292361.893	5800395.375	17.190								

CURVE NO	I	RADIUS	ARC	A	B	X	Y	I	MID POINT RL
C1 - C2	21.605	35.450	13.368	0.628	0.471	3.337	3.307	3.342	16.461
C2 - C3	36.712	12.450	7.977	0.633	0.474	1.986	1.935	1.994	16.407
C3 - C4	31.686	50.450	27.900	1.916	1.435	6.953	6.820	6.975	16.662

ALIGNMENT D

POINT NO	EASTING	NORTHING	RL								
D1	292365.709	5800383.504	16.868								
D2	292366.237	5800371.173	16.399								
D3	292371.383	5800364.089	16.299								
D4	292390.462	5800357.970	16.198								

CURVE NO	I	RADIUS	ARC	A	B	X	Y	I	MID POINT RL
D1 - D2	17.551	40.450	12.391	0.474	0.355	3.095	3.077	3.098	16.628
D2 - D3	49.537	10.450	9.035	0.961	0.718	2.241	2.137	2.259	16.323
D3 - D4	22.908	50.450	20.171	1.005	0.753	5.034	4.984	5.043	16.249

ALIGNMENT E

POINT NO	EASTING	NORTHING	RL								
E1	292347.869	5800334.483	17.075								
E2	292347.768	5800343.119	16.782								
E3	292343.637	5800350.118	16.608								
E4	292319.142	5800359.741	16.554								

CURVE NO	I	RADIUS	ARC	A	B	X	Y	I	MID POINT RL
E1 - E2	13.993	35.450	8.658	0.264	0.198	2.163	2.155	2.164	16.914
E2 - E3	45.768	10.450	8.348	0.822	0.615	2.073	1.991	2.087	16.683
E3 - E4	30.239	50.450	26.626	1.746	1.308	6.637	6.522	6.656	16.487

ALIGNMENT F

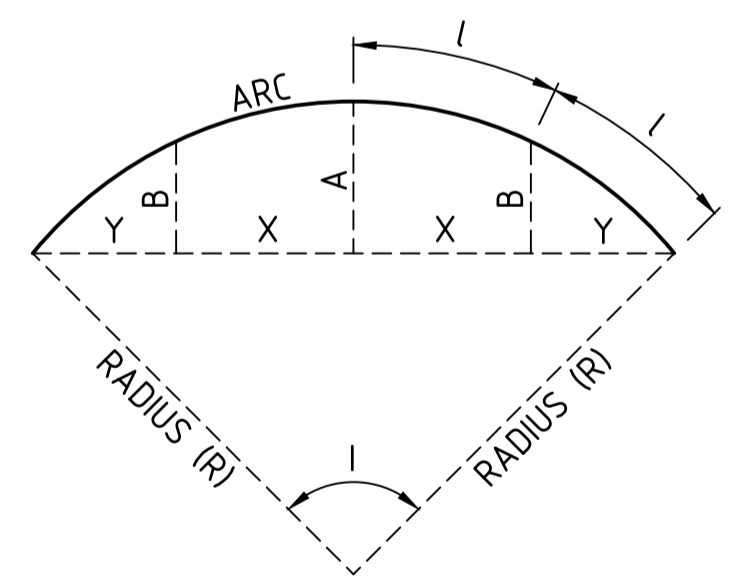
POINT NO	EASTING	NORTHING	RL								
F1	292390.261	5800351.853	16.196								
F2	292372.306	5800349.166	16.387								
F3	292361.341	5800340.103	16.799								
F4	292356.267	5800330.219	17.235								
F5	292353.761	5800319.569	17.611								

CURVE NO	I	RADIUS	ARC	A	B	X	Y	I	MID POINT RL
F1 - F2	29.674	35.450	18.360	1.182	0.885	4.577	4.500	4.590	16.242
F2 - F3	32.459	25.450	14.418	1.014	0.759	3.592	3.521	3.604	16.576
F3 - F4	14.040	45.450	11.138	0.341	0.255	2.783	2.772	2.784	17.014
F4 - F5	13.826	45.450	10.967	0.330	0.248	2.740	2.730	2.742	17.434

ALIGNMENT G

POINT NO	EASTING	NORTHING	RL								
G1	292365.152	5800356.095	16.561								
G2	292354.202	5800362.417	16.613								
G3	292354.202	5800349.773	16.892								

CURVE NO	I	RADIUS	ARC	A	B	X	Y	I	MID POINT RL
G1 - G2	120.000	7.300	15.289	3.650	2.672	3.650	2.672	3.822	16.530
G2 - G3	120.000	7.300	15.289	3.650	2.672	3.650	2.672	3.822	16.763
G3 - G1	120.000	7.300	15.289	3.650	2.672	3.650	2.672	3.822	16.753



LIP SETOUT DETAIL
 N.T.S.

CONSTRUCTION ISSUE

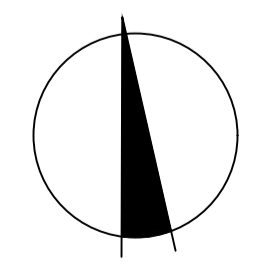
REV	AMENDMENTS	DATE	APPD.
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOVE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

- Ex W EXISTING WATER MAIN
- Ex G EXISTING GAS MAIN
- Ex E EXISTING ELECTRICAL CABLE
- Ex S EXISTING SEWER MAIN & MANHOLE
- Ex T EXISTING TELECOMM. CABLE AND PIT
- Ex P EXISTING ELEC. POLE & O'HEAD LINES
- Ex D EXISTING STORMWATER DRAIN & PIT
- Ex C EXISTING CONCRETE
- Ex T EXISTING TREES
- Ex R EXISTING TREES TO BE REMOVED
- Ex S EXISTING SURFACE LEVEL
- Ex F EXISTING FINISHED SURFACE LEVEL
- Ex O EXISTING OPEN EARTH DRAIN (O.E.D.)

- LEGEND**
- S SEWER MAIN AND MANHOLE
 - SW SW DRAIN & PIT CONSTRUCTED IN PREVIOUS STAGES
 - H HOUSE DRAIN
 - GC GAS CONDUIT
 - WC WATER CONDUIT
 - WCW RECYCLED WATER CONDUIT
 - TC TELECOMM. CONDUIT
 - PS PERMANENT SURVEY MARK
 - TM TEMPORARY BENCH MARK
 - FS FINISHED SURFACE CONTOUR
 - SS STREET NAME SIGN

- W WATER
- RW RECYCLED WATER
- T TELECOMMUNICATIONS
- E ELECTRICITY
- G GAS
- REGRADE LOT AT MIN 1 IN 150
- ASPHALT PAVEMENT
- CONC FOOTPATH / DRIVEWAY
- PORPHYRY STONE
- LANDSCAPE AREA
- PARKING BAY CONCRETE
- TYPE V ASPHALT
- FILLING OVER 200mm
- RETAINING WALL



Coords: MGA
 Levels: AHD
 Hor 1:200 0m 2m 4m 8m 12m
 Scale @ A1/A3 1:200/1:400

RIVERWALK
STAGE 24A
GEELONG ROAD, WERRIBEE
INTERSECTION DETAILS
SHEET 01 OF 08
Drawing No. 10924AID01 Rev 0
 Sheet No. 08 **CONSTRUCTION**
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 E info@dcheng.com.au

Drawing File: C:\24_Sydney\Jobs\STW\ER01-MEL\10924-Riverwalk - Stage 24A_742_Stage 24A\DWG
 Date/Time: Fri Aug 15, 2018 - 4:08pm --DillonB--

VERTICAL GEOMETRY
HORIZONTAL GEOMETRY

DATUM 13

DESIGN SURFACE	16.519	16.494	16.469	16.444	16.427	16.419	16.394	16.387	16.386	16.401	16.403	16.480	16.497	16.649	16.727	16.735	16.883	17.012	17.072	17.190	17.207	17.306
EXISTING SURFACE		16.50	16.49	16.50	16.52	16.54	16.61	16.63	16.64	16.71	16.72	16.84	16.85	16.95	16.99	17.00	17.06	17.12	17.15	17.23		
CHAINAGE	-5.000	0.000	5.000	10.000	13.368	15.000	20.000	21.345	21.671	24.671	25.000	30.000	30.671	35.000	36.671	37.245	40.000	43.245	45.000	49.245	50.000	54.245

LIP PROFILE C

VERTICAL GEOMETRY
HORIZONTAL GEOMETRY

DATUM 13

DESIGN SURFACE	17.278	17.075	16.891	16.814	16.782	16.747	16.643	16.610	16.606	16.563	16.540	16.512	16.500	16.485	16.486	16.511	16.536	16.554	16.561	16.579	
EXISTING SURFACE		17.20	17.02	16.94	16.90	16.86	16.83	16.79	16.79	16.73	16.69	16.64	16.61	16.51	16.49	16.49	16.53	16.55	16.55	16.56	16.579
CHAINAGE	-5.000	0.000	5.000	7.500	8.658	10.000	15.000	16.899	17.005	20.000	21.899	25.000	26.899	29.899	30.000	35.000	40.000	43.631	45.000	48.631	

LIP PROFILE E

VERTICAL GEOMETRY
HORIZONTAL GEOMETRY

DATUM 13

DESIGN SURFACE	17.034	16.868	16.760	16.680	16.637	16.561	16.472	16.399	16.391	16.346	16.318	16.306	16.299	16.281	16.256	16.250	16.231	16.206	16.198	16.181	16.173
EXISTING SURFACE		16.99	16.92	16.88	16.85	16.81	16.76	16.70	16.69	16.63	16.56	16.51	16.47	16.41	16.32	16.30	16.26	16.21	16.20	16.18	16.173
CHAINAGE	-5.000	0.000	3.000	5.000	6.000	7.723	10.000	12.391	12.723	15.000	17.723	20.000	21.426	25.000	30.000	31.197	35.000	40.000	41.596	45.000	46.596

LIP PROFILE D

VERTICAL GEOMETRY
HORIZONTAL GEOMETRY

DATUM 13

DESIGN SURFACE	16.561	16.536	16.533	16.532	16.545	16.553	16.609	16.615	16.635	16.658	16.690	16.692	16.812	16.841	16.870	16.885	16.885	16.889	16.892	16.900	16.75	16.893	16.84	16.852	16.693	16.624	16.566	16.561
EXISTING SURFACE	16.45	16.49	16.50	16.54	16.56	16.57	16.63	16.63	16.50	16.49	16.49	16.692	16.60	16.65	16.70	16.74	16.74	16.76	16.76	16.892	16.75	16.74	16.84	16.852	16.60	16.53	16.56	16.561
CHAINAGE	0.000	5.000	5.680	8.180	10.000	10.680	15.000	15.289	16.938	18.438	19.938	20.000	25.000	26.194	27.694	29.194	30.000	30.578	32.185	33.685	35.000	35.000	35.000	35.000	40.000	42.035	45.000	45.867

LIP PROFILE G

VERTICAL GEOMETRY
HORIZONTAL GEOMETRY

DATUM 13

DESIGN SURFACE	16.171	16.196	16.221	16.240	16.248	16.291	16.313	16.397	16.396	16.430	16.54	16.579	16.705	16.96	16.727	16.799	16.882	16.909	17.080	17.34	17.42	17.41	17.235	17.276	17.370	17.454	17.537	17.611	17.614	17.768
EXISTING SURFACE	16.20	16.22	16.24	16.24	16.24	16.30	16.31	16.53	16.53	16.57	16.75	16.579	16.96	16.98	16.727	17.07	17.16	17.19	17.34	17.42	17.42	17.41	17.36	17.276	17.45	17.53	17.61	17.61	17.614	17.768
CHAINAGE	-5.000	0.000	5.000	8.721	10.000	13.771	15.000	18.360	18.771	20.000	25.000	25.685	30.000	30.685	32.778	35.000	35.685	40.000	42.548	45.000	47.548	50.000	52.548	54.883	55.000	59.883				

LIP PROFILE F

CONSTRUCTION ISSUE

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

REV	AMENDMENTS	DATE	APP'D.
0	ISSUED FOR CONSTRUCTION	28/06/19	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.



Coords: MGA
 Levels: AHD
 Hor: 1:200 0m 2m 4m 8m 12m
 Ver: 1:50 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 Hor: 1:200/1:400 Ver: 1:50/1:100

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 INTERSECTION DETAILS
 SHEET 02 OF 08
 Drawing No. 10924AID02 Rev 0
 Sheet No. 09 CONSTRUCTION



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Drawing File: C:\Users\jerry\Documents\SMER6-MEL\10924-Riverwalk - Stage 24_A2_Stage 24A\A2.dwg
 Date/Time: Fri Aug 15, 2019 - 4:08pm --DaltonB--

ALIGNMENT H

POINT NO	EASTING	NORTHING	RL
H1	292343.669	5800356.976	16.578
H2	292344.581	5800360.557	16.510
H3	292344.267	5800360.930	16.502
H4	292337.110	5800360.370	16.575
H5	292336.565	5800359.874	16.585
H6	292336.912	5800359.224	16.595
H7	292342.843	5800356.576	16.597

CURVE NO	I	RADIUS	ARC	A	B	X	Y	I	MID POINT RL
H2 - H3	108.755	0.300	0.569	0.125	0.092	0.137	0.107	0.142	16.506
H4 - H5	75.736	0.600	0.793	0.126	0.094	0.195	0.174	0.198	16.580
H5 - H6	75.736	0.600	0.793	0.126	0.094	0.195	0.174	0.198	16.590
H7 - H1	99.772	0.600	1.045	0.213	0.157	0.253	0.206	0.261	16.587

ALIGNMENT J

POINT NO	EASTING	NORTHING	RL
J1	292358.671	5800370.280	16.473
J2	292361.532	5800369.603	16.445
J3	292361.899	5800369.927	16.459
J4	292361.335	5800375.238	16.645
J5	292360.832	5800375.767	16.651
J6	292360.190	5800375.420	16.637
J7	292358.261	5800371.109	16.494

CURVE NO	I	RADIUS	ARC	A	B	X	Y	I	MID POINT RL
J2 - J3	109.382	0.300	0.573	0.127	0.093	0.138	0.107	0.143	16.451
J4 - J5	74.911	0.600	0.784	0.124	0.092	0.193	0.172	0.196	16.650
J5 - J6	74.911	0.600	0.784	0.124	0.092	0.193	0.172	0.196	16.646
J7 - J1	100.796	0.600	1.056	0.218	0.160	0.255	0.207	0.264	16.483

ALIGNMENT K

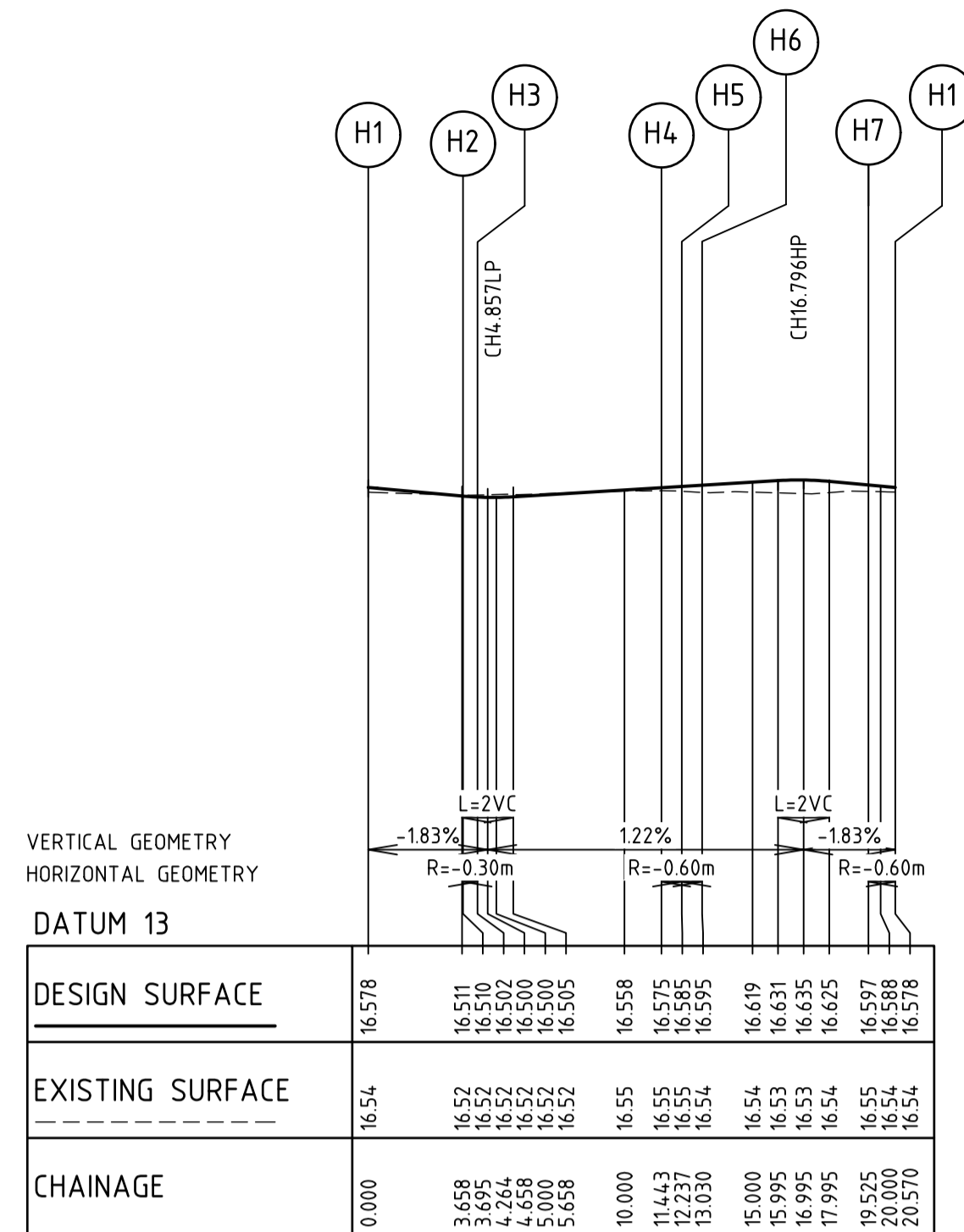
POINT NO	EASTING	NORTHING	RL
K1	292372.000	5800357.411	16.378
K2	292371.712	5800354.117	16.400
K3	292372.096	5800353.803	16.400
K4	292377.633	5800355.436	16.359
K5	292378.063	5800356.016	16.353
K6	292377.623	5800356.589	16.348
K7	292372.758	5800357.937	16.372

CURVE NO	I	RADIUS	ARC	A	B	X	Y	I	MID POINT RL
K2 - K3	111.429	0.300	0.583	0.131	0.096	0.140	0.108	0.146	16.401
K4 - K5	74.045	0.600	0.775	0.121	0.090	0.190	0.171	0.194	16.356
K5 - K6	74.045	0.600	0.775	0.121	0.090	0.190	0.171	0.194	16.350
K7 - K1	100.481	0.600	1.052	0.216	0.160	0.255	0.207	0.263	16.376

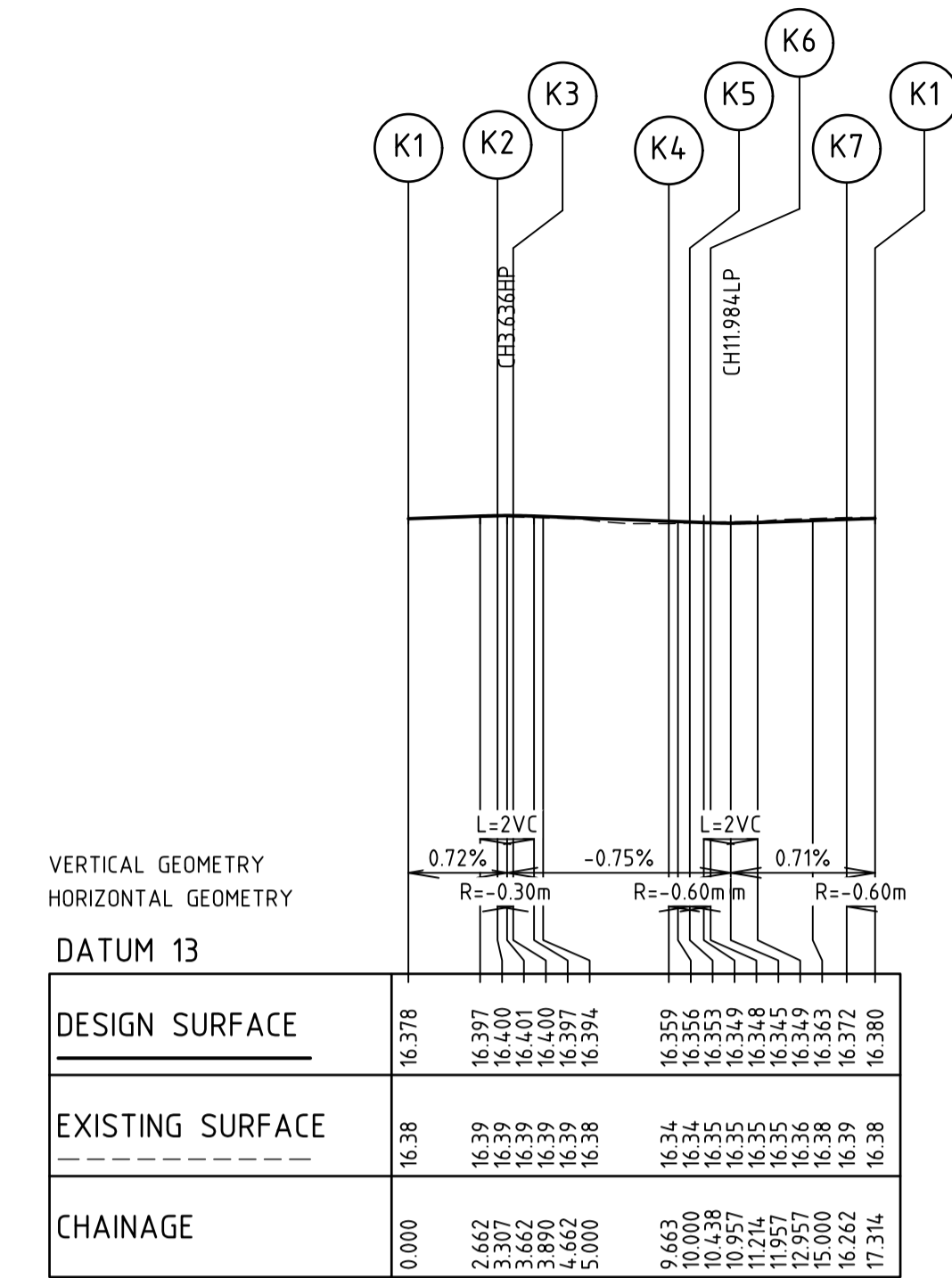
ALIGNMENT L

POINT NO	EASTING	NORTHING	RL
L1	292355.719	5800342.048	16.824
L2	292352.570	5800343.104	16.817
L3	292352.175	5800342.816	16.833
L4	292352.272	5800335.586	17.132
L5	292352.749	5800335.007	17.158
L6	292353.419	5800335.347	17.154
L7	292356.075	5800341.232	16.840

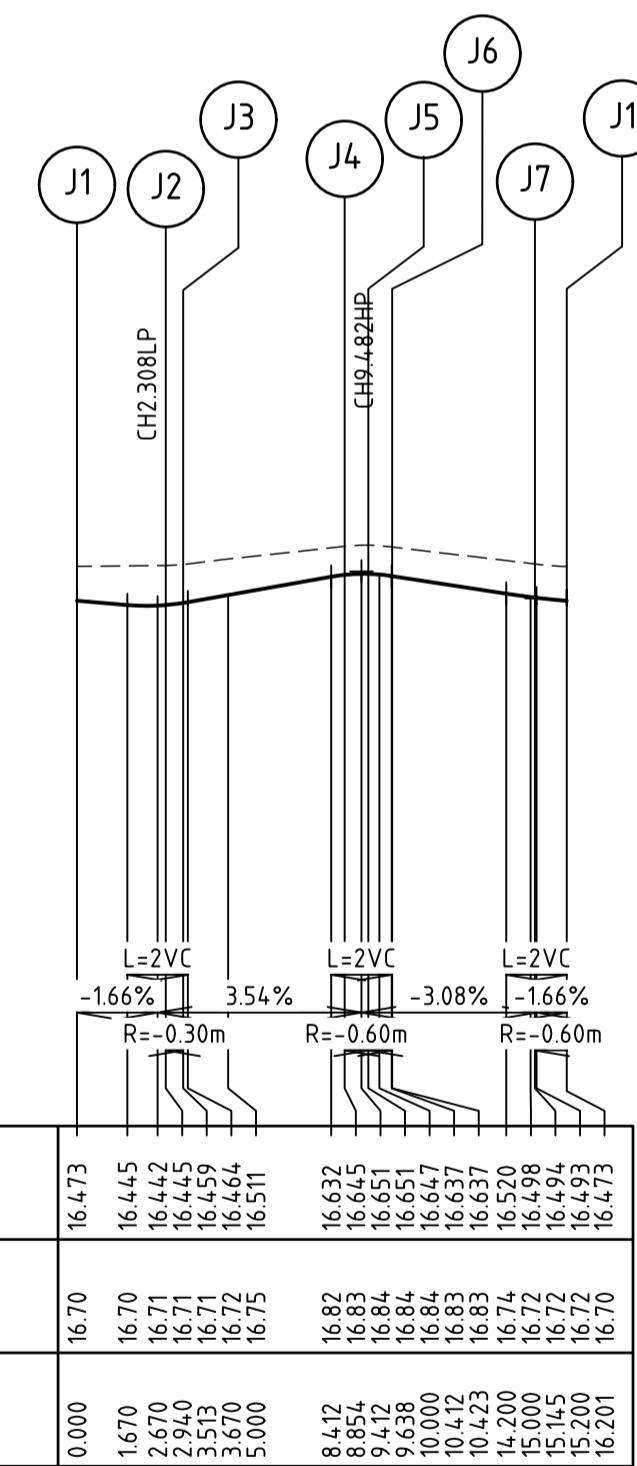
CURVE NO	I	RADIUS	ARC	A	B	X	Y	I	MID POINT RL
L2 - L3	109.316	0.300	0.572	0.126	0.093	0.138	0.107	0.143	16.824
L4 - L5	77.467	0.600	0.811	0.132	0.098	0.199	0.176	0.203	17.148
L5 - L6	77.467	0.600	0.811	0.132	0.098	0.199	0.176	0.203	17.160
L7 - L1	95.750	0.600	1.003	0.198	0.146	0.243	0.202	0.251	16.828



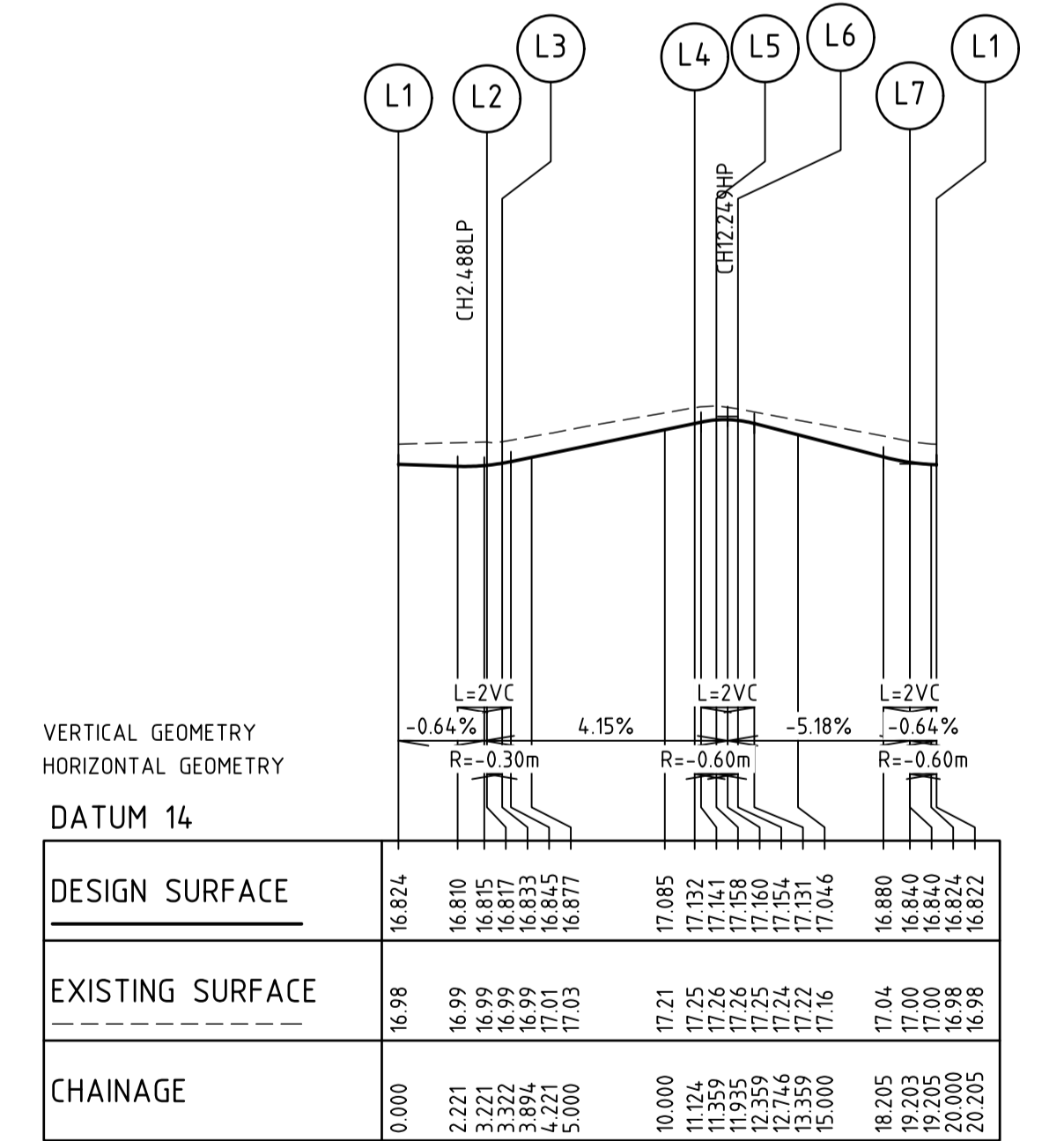
LIP PROFILE H



LIP PROFILE K



LIP PROFILE J



LIP PROFILE L

CONSTRUCTION ISSUE

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

REV	AMENDMENTS	DATE	APPD.
0	ISSUED FOR CONSTRUCTION	28/06/19	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.



Coords: MGA
 Levels: AHD
 Hor 1:200 0m 2m 4m 8m 12m
 Ver 1:50 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 Hor: 1:200/1:400 Ver: 1:50/1:100

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 INTERSECTION DETAILS
SHEET 03 OF 08
 Drawing No. 10924AID03 Rev 0
 Sheet No. 10 **CONSTRUCTION**



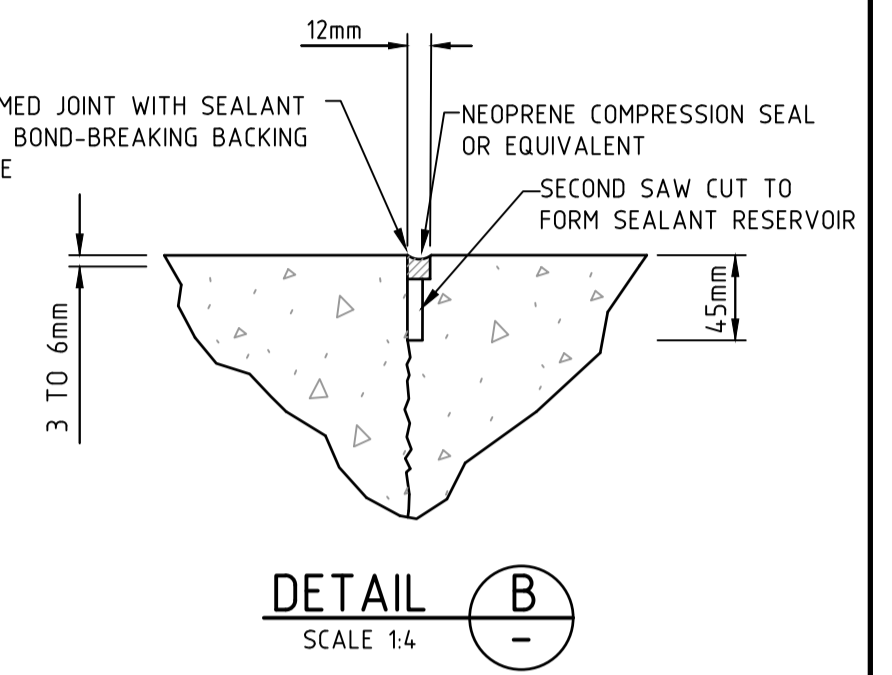
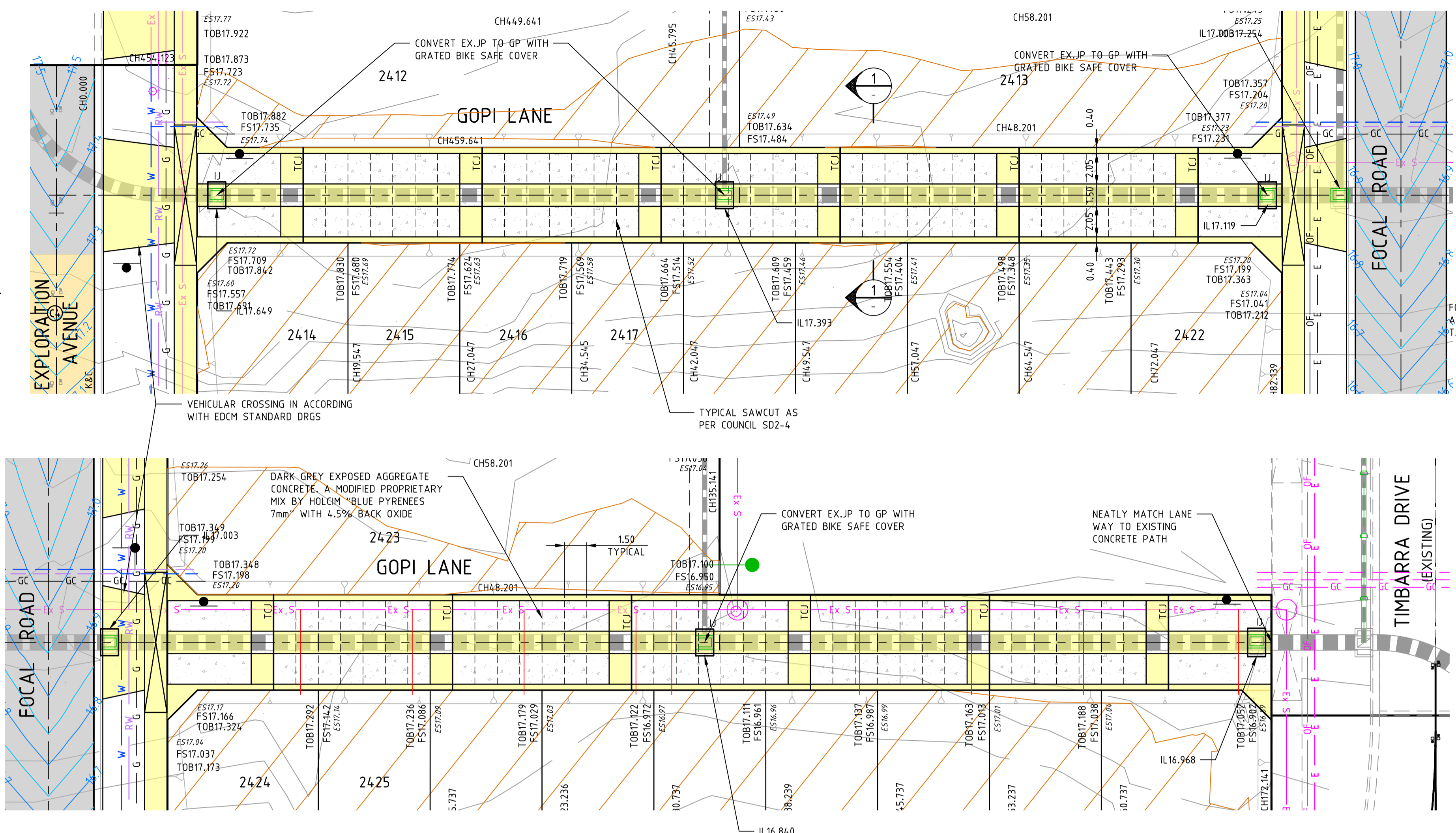
VICTORIA
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 ABN 78 429 221 049
 QUEENSLAND
 T 61 7 3374 9000
 E info@dceng.com.au

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 DIAGRAMATICALLY AND NOT NECESSARILY IN TRUE PROJECTION.
 - CLEAR COVER NOTED ON DRAWINGS 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 TRANSVERSE CONTRACTION JOINT
IJ ISOLATION JOINT



NOTE: EX. PIT & MH COVERS TO BE ADJUSTED TO NEATLY MATCH INTO NEW FINISHED SURFACE.

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



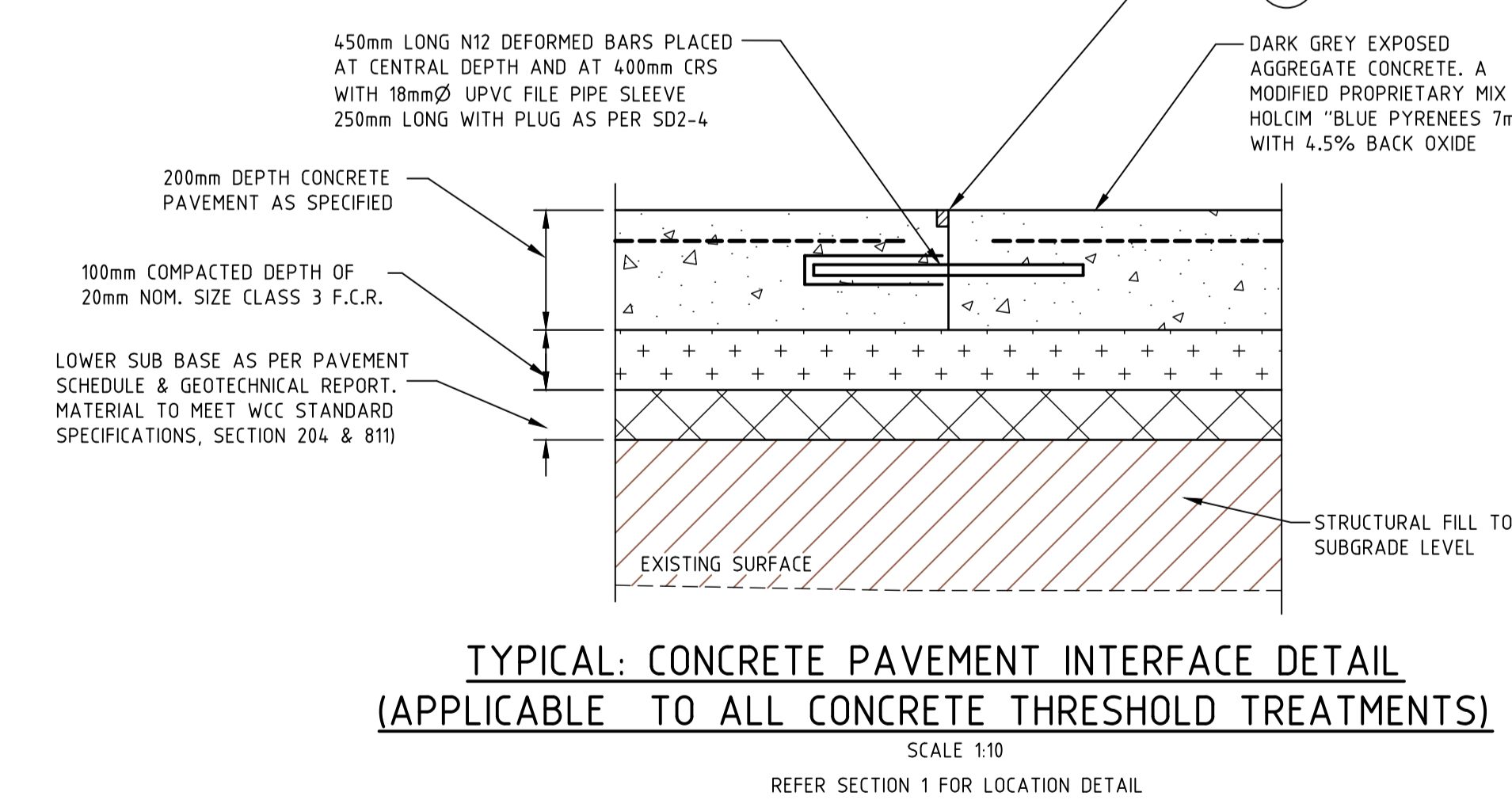
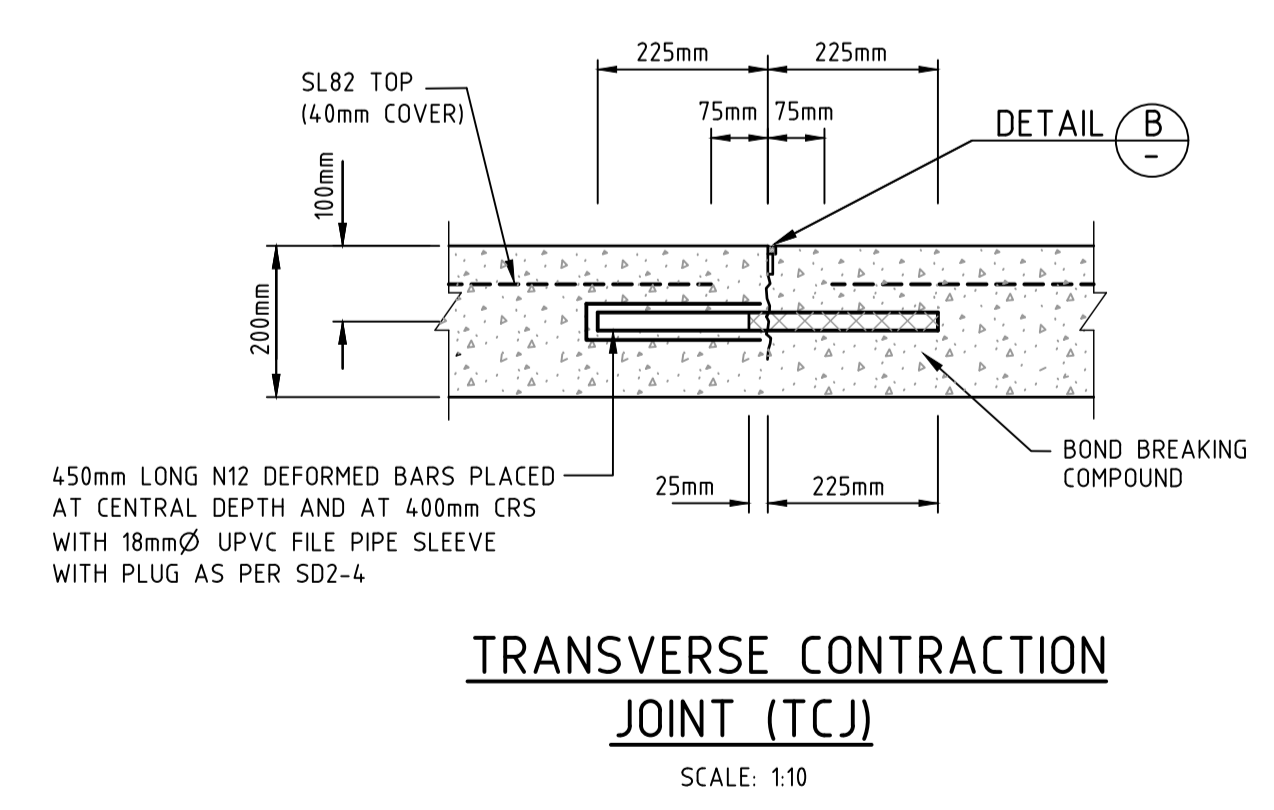
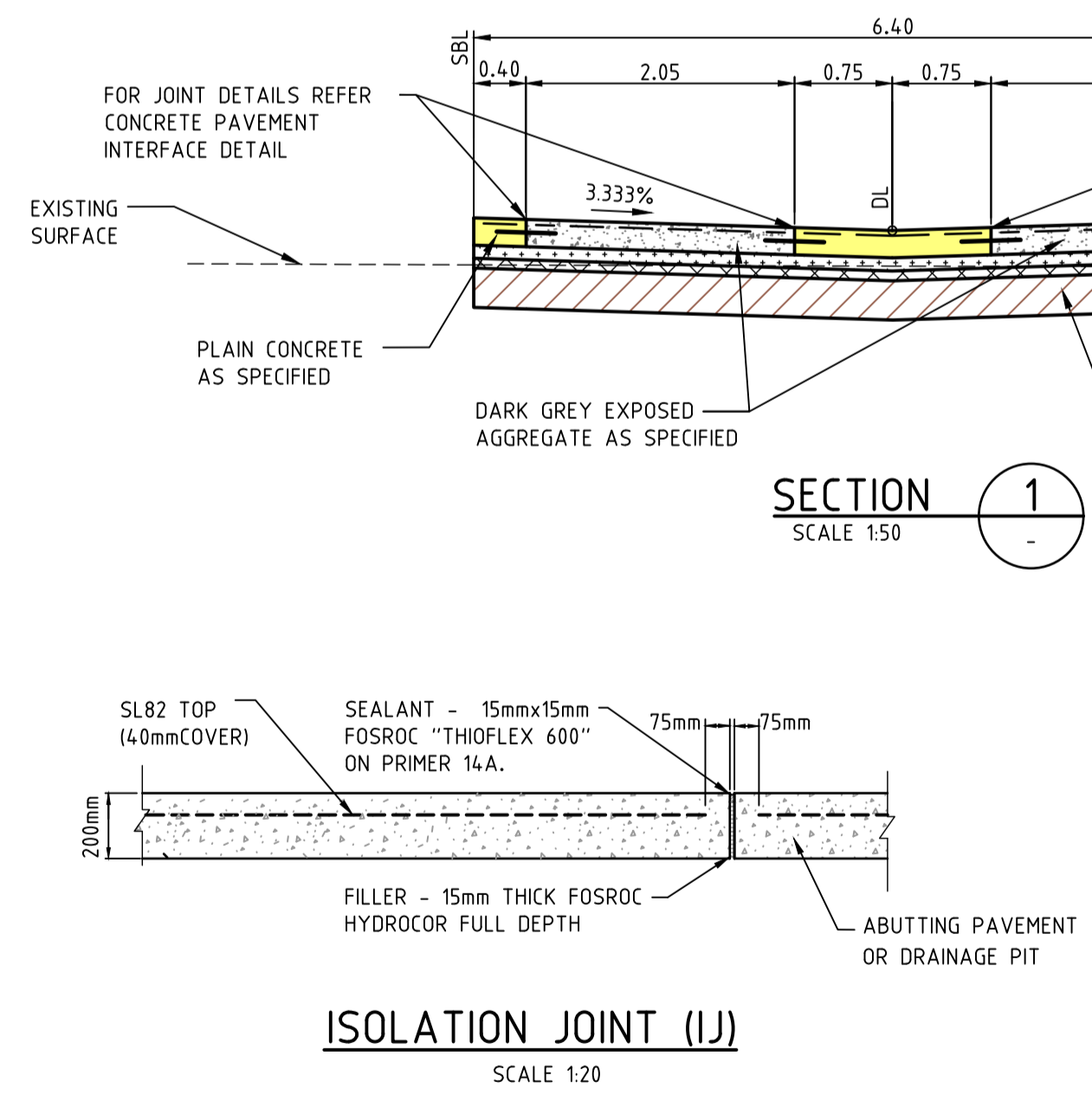
BEWARE!!!
TELSTRA OPTIC FIBRE CABLES IN THE VICINITY OF WORKS.
TEL: 9253 8263

CAUTION!!!
TELSTRA MAJOR CABLES ARE IN THE VICINITY OF WORKS

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.

CONSTRUCTION ISSUE



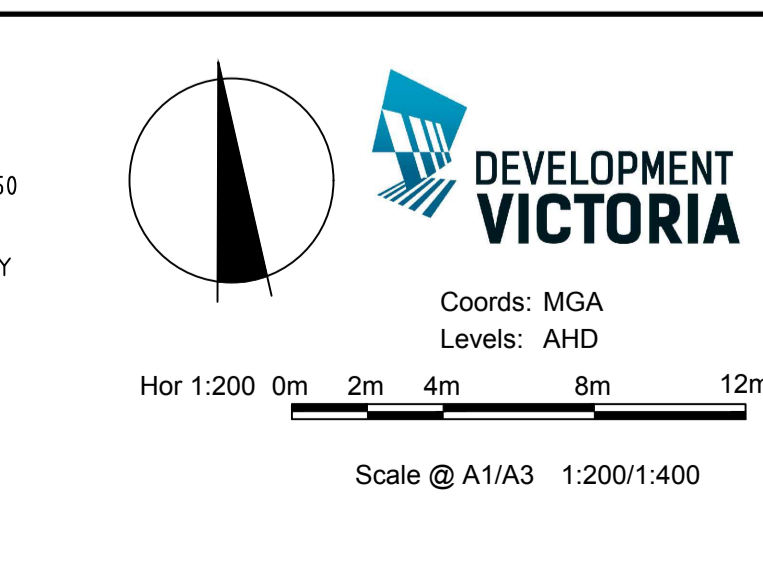
REV	AMENDMENTS	DATE	APPD.
1	COUNCIL COMMENTS (10/07/19)	15/07/19	TL
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
Date 31/07/18
AN 1991111
Designed C.LOWE
Date 13/09/18
AN 1961205
Verified R.MONKHOUSE
Date 24/09/18
AN 644589
Approved T.LIAKOPOULOS
Date 01/10/18
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- Ex W EXISTING WATER MAIN
- Ex G EXISTING GAS MAIN
- Ex E EXISTING ELECTRICAL CABLE
- Ex S EXISTING SEWER MAIN & MANHOLE
- Ex T EXISTING TELECOMM. CABLE AND PIT
- Ex P EXISTING ELEC. POLE & O'HEAD LINES
- EXISTING STORMWATER DRAIN & PIT CONSTRUCTED PRE DEVELOPMENT
- EXISTING TREES
- EXISTING TREES TO BE REMOVED
- EXISTING TREES REMOVED IN PREVIOUS STAGE
- EXISTING SURFACE LEVEL
- FS20.06
- FS21.650
- FINISHED SURFACE LEVEL
- OPEN EARTH DRAIN (O.E.D.)

- LEGEND**
- S SEWER MAIN AND MANHOLE
 - STORMWATER DRAIN & PIT
 - SW DRAIN & PIT CONSTRUCTED IN PREVIOUS STAGES
 - PROPERTY INLETS
 - HOUSE DRAIN
 - EXISTING STORMWATER DRAIN & PIT CONSTRUCTED PRE DEVELOPMENT
 - EXISTING TREES
 - TELECOMM. CONDUIT
 - PERMANENT SURVEY MARK
 - TEMPORARY BENCH MARK
 - FINISHED SURFACE CONTOUR
 - STREET NAME SIGN

- W WATER
- RW RECYCLED WATER
- T TELECOMMUNICATIONS
- E ELECTRICITY
- G GAS
- REGRADE LOT AT MIN 1 IN 150
- ASPHALT PAVEMENT
- CONC FOOTPATH / DRIVEWAY
- PORPHYRY STONE
- LANDSCAPE AREA
- PARKING BAY CONCRETE
- TYPE V ASPHALT
- FILLING OVER 200mm
- RETAINING WALL

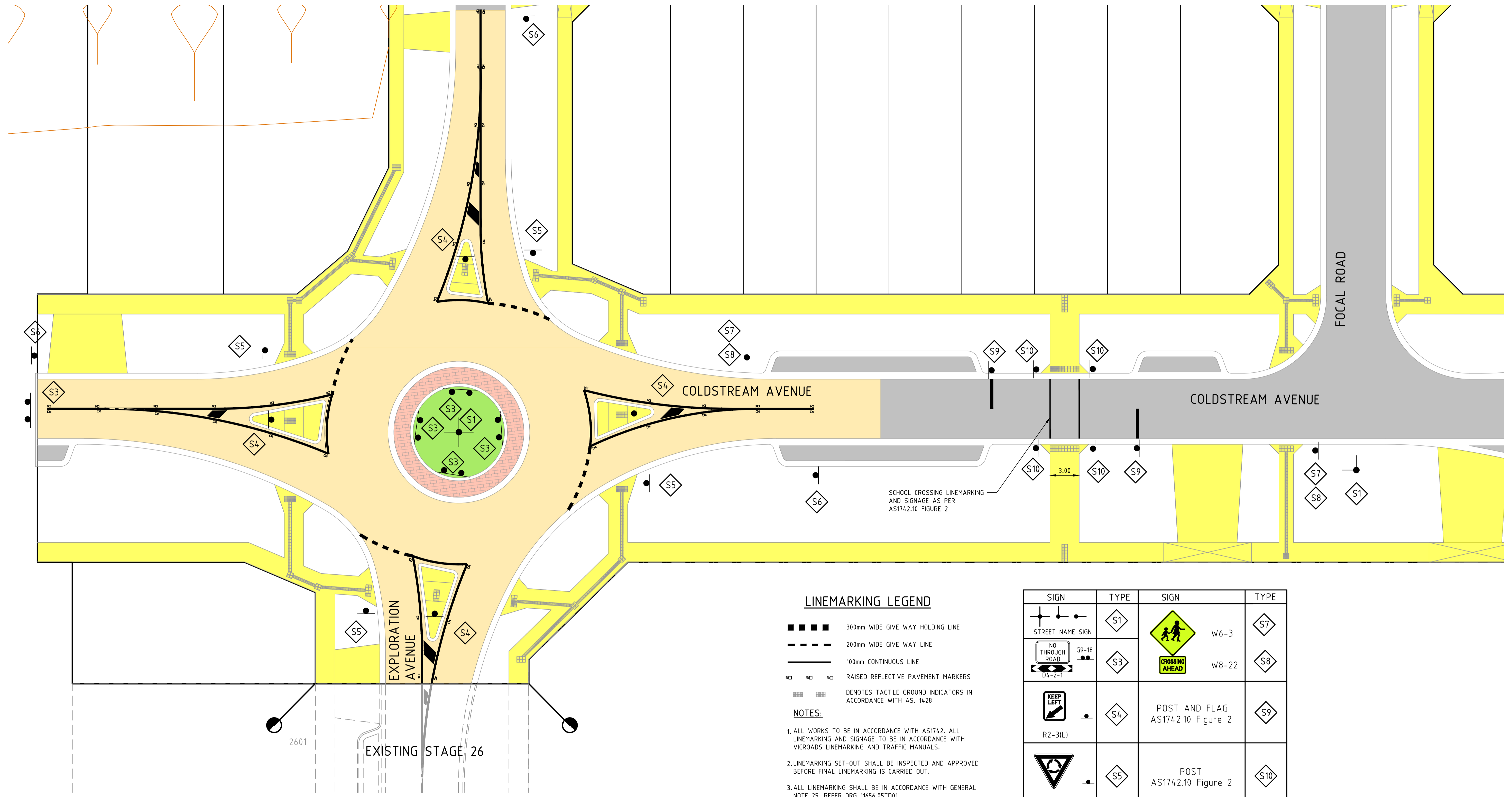


RIVERWALK
STAGE 24A
GEELONG ROAD, WERRIBEE
LANEWAY CONCRETE PAVEMENT
DETAILS
Drawing No. 10924ALD01 Rev 1
Sheet No. 12 CONSTRUCTION
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QUEENSLAND
T 61 7 3374 9000
E info@dcheng.com.au

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Date/Time: Fri Aug 15, 2019 - 4:10pm - jordan

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 Date: 15/08/2019 4:10pm
 User: stevem



LINEMARKING LEGEND

- ■ ■ ■ ■ 300mm WIDE GIVE WAY HOLDING LINE
- 200mm WIDE GIVE WAY LINE
- 100mm CONTINUOUS LINE
- ▣ ▣ ▣ RAISED REFLECTIVE PAVEMENT MARKERS
- ■ ■ ■ ■ DENOTES TACTILE GROUND INDICATORS IN ACCORDANCE WITH AS. 1428

NOTES:

1. ALL WORKS TO BE IN ACCORDANCE WITH AS1742. ALL LINEMARKING AND SIGNAGE TO BE IN ACCORDANCE WITH VICROADS LINEMARKING AND TRAFFIC MANUALS.
2. LINEMARKING SET-OUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.
3. ALL LINEMARKING SHALL BE IN ACCORDANCE WITH GENERAL NOTE 25. REFER DRG 11656.05TD01
4. ANY OBSOLETE LINEMARKING IS TO BE REMOVED BY WATER BLASTING, STRIPPING OR THE APPLICATION OF BITUMEN BINDER AND GRIT PRIOR TO "NEW" LINEMARKING BEING PLACED.
5. ALL RADII ARE TO LIP OF CHANNEL OR LINE OF KERB. ALL LANE WIDTHS ARE TO LIP OF KERB & CHANNEL
6. RRPMS TO BE PROVIDED IN ACCORDANCE WITH AS1742.

SIGN	TYPE	SIGN	TYPE
	S1		W6-3 S7
	S3		W8-22 S8
	S4	POST AND FLAG	S9
	S5	POST	S10
	S6		

SIGNAGE LEGEND
N.T.S

CONSTRUCTION ISSUE

REV	AMENDMENTS	DATE	APP'D.
1	SCHOOL CROSSOVER ADDED	15/08/19	TL
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961196
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

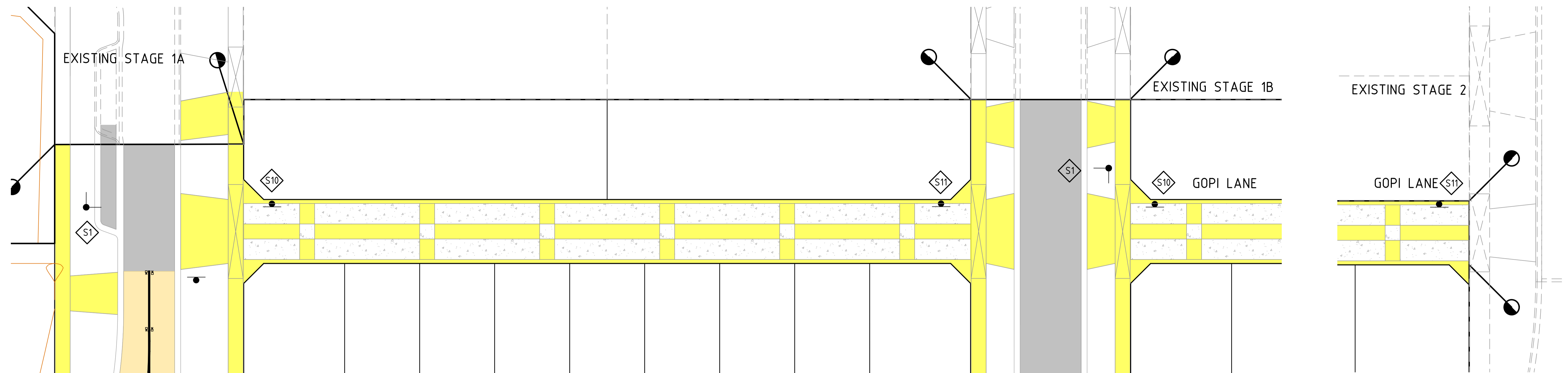
Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

Coords: MGA
 Levels: AHD
 Hor 1:500 0m 5m 10m 20m 30m
 Scale @ A1/A3 1:500/1:1000

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 LINEMARKING AND SIGNAGE PLAN
 SHEET 01 OF 02
 Drawing No. 10924ALM01 Rev 1
 Sheet No. 13 CONSTRUCTION
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 QUEENSLAND T 61 7 3374 9000 E info@dceng.com.au

Drawing File: C:\Users\stevenc\Documents\10924-Riverwalk - Stage 24A - Signage - Stage 24A - Stage 24A (R1).dwg
 Date/Time: Fri Aug 16, 2019 4:11pm --DaltonB--



LINEMARKING LEGEND

- ■ ■ ■ 300mm WIDE GIVE WAY HOLDING LINE
- 200mm WIDE GIVE WAY LINE
- 100mm CONTINUOUS LINE
- ⊠ ⊠ ⊠ RAISED REFLECTIVE PAVEMENT MARKERS
- ▨ ▨ DENOTES TACTILE GROUND INDICATORS IN ACCORDANCE WITH AS. 1428

NOTES:

1. ALL WORKS TO BE IN ACCORDANCE WITH AS1742. ALL LINEMARKING AND SIGNAGE TO BE IN ACCORDANCE WITH VICROADS LINEMARKING AND TRAFFIC MANUALS.
2. LINEMARKING SET-OUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.
3. ALL LINEMARKING SHALL BE IN ACCORDANCE WITH GENERAL NOTE 25. REFER DRG 11656.05TD01
4. ANY OBSOLETE LINEMARKING IS TO BE REMOVED BY WATER BLASTING, STRIPPING OR THE APPLICATION OF BITUMEN BINDER AND GRIT PRIOR TO "NEW" LINEMARKING BEING PLACED.
5. ALL RADII ARE TO LIP OF CHANNEL OR LINE OF KERB. ALL LANE WIDTHS ARE TO LIP OF KERB & CHANNEL
6. RRPM'S TO BE PROVIDED IN ACCORDANCE WITH AS1742.

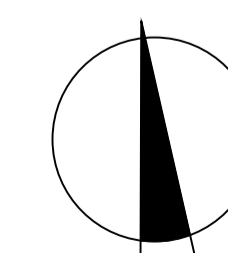
SIGN	TYPE

SIGNAGE LEGEND
N.T.S

REV	AMENDMENTS	DATE	APP'D.
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0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961196
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

CONSTRUCTION ISSUE



Coords: MGA
 Levels: AHD
 Hor 1:500 0m 5m 10m 20m 30m

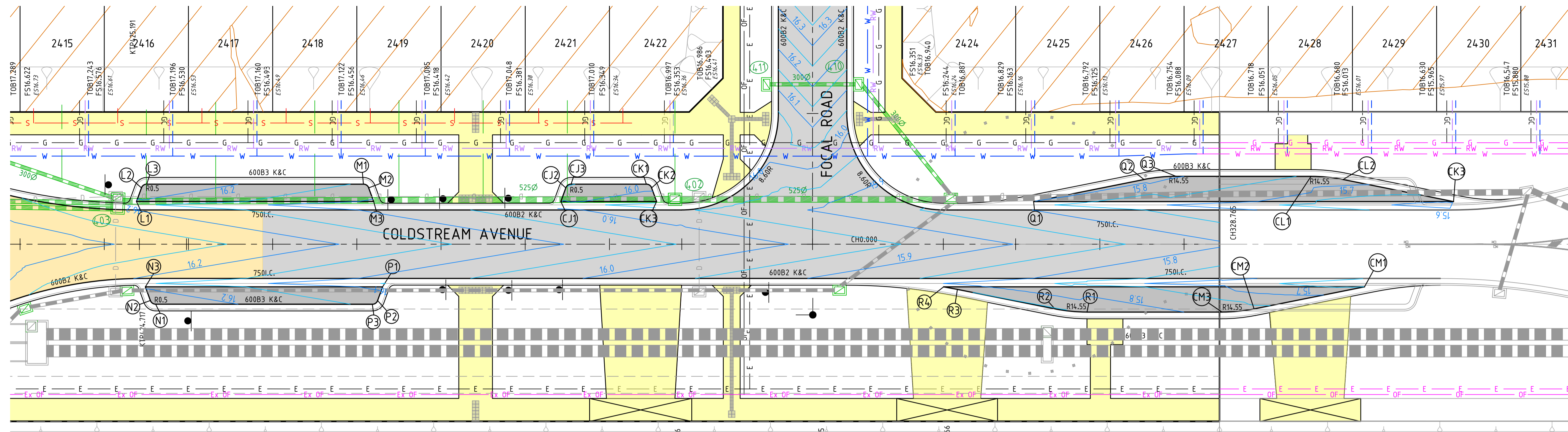
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RIVERWALK
STAGE 24A
GEELONG ROAD, WERRIBEE
LINEMARKING AND SIGNAGE PLAN
SHEET 02 OF 02
Drawing No. 10924ALM02 Rev 1
 Sheet No. 14 **CONSTRUCTION**
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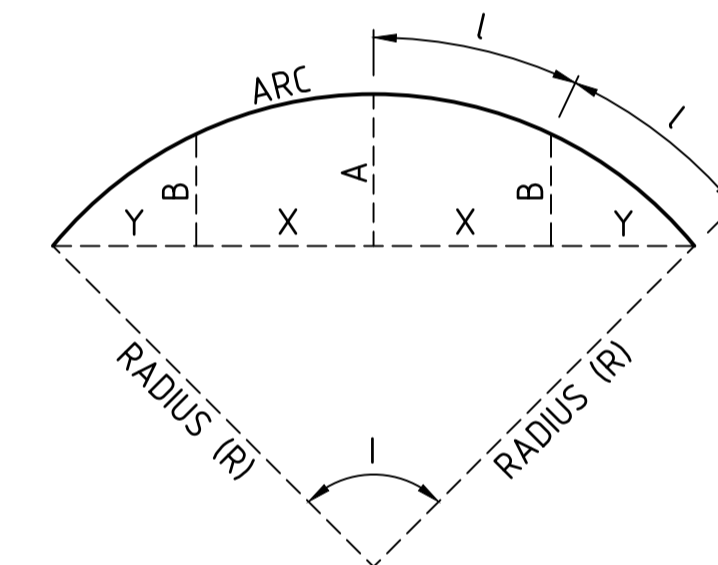
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 ABN 78 429 221 049
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PLAN

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.



LIP SETOUT DETAIL
NTS

ALIGNMENT L

POINT NO	EASTING	NORTHING	RL
L1	292390.494	5800358.721	16.199
L2	292391.070	5800359.885	16.237
L3	292391.573	5800360.161	16.241

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
L2 - L3	69.996	0.500	0.611	0.090	0.067	0.150	0.136	0.153	16.240

ALIGNMENT M

POINT NO	EASTING	NORTHING	RL
M1	292410.756	5800358.034	16.144
M2	292411.186	5800357.655	16.137
M3	292411.494	5800356.392	16.093

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
M1 - M2	69.996	0.500	0.611	0.090	0.067	0.150	0.136	0.153	16.142

ALIGNMENT N

POINT NO	EASTING	NORTHING	RL
N1	292391.184	5800349.439	16.237
N2	292390.753	5800349.818	16.234
N3	292390.446	5800351.079	16.195

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
N1 - N2	69.996	0.500	0.611	0.090	0.067	0.150	0.136	0.153	16.237

ALIGNMENT P

POINT NO	EASTING	NORTHING	RL
P1	292411.445	5800348.747	16.089
P2	292410.871	5800347.586	16.131
P3	292410.367	5800347.311	16.140

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
P2 - P3	69.996	0.500	0.611	0.090	0.067	0.150	0.136	0.153	16.137

ALIGNMENT Q

POINT NO	EASTING	NORTHING	RL
Q1	292469.924	5800349.913	15.799
Q2	292479.918	5800350.784	15.814
Q3	292482.785	5800350.751	15.804

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
Q2 - Q3	11.310	14.550	2.872	0.071	0.053	0.718	0.716	0.718	15.810

ALIGNMENT R

POINT NO	EASTING	NORTHING	RL
R1	292473.564	5800339.599	15.843
R2	292470.759	5800340.194	15.854
R3	292462.315	5800342.879	15.845
R4	292461.121	5800343.243	15.839

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
R1 - R2	11.310	14.550	2.872	0.071	0.053	0.718	0.716	0.718	15.849
R3 - R4	1.418	50.450	1.249	0.004	0.003	0.312	0.312	0.312	15.842

ALIGNMENT CJ

POINT NO	EASTING	NORTHING	RL
CJ1	292428.068	5800354.555	16.010
CJ2	292428.645	5800355.719	16.048
CJ3	292429.148	5800355.994	16.052

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
CJ2 - CJ3	69.996	0.500	0.611	0.090	0.067	0.150	0.136	0.153	16.052

ALIGNMENT CK

POINT NO	EASTING	NORTHING	RL
CK1	292435.807	5800355.256	16.018
CK2	292436.238	5800354.878	16.011
CK3	292436.545	5800353.615	15.967

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
CK1 - CK2	69.996	0.500	0.611	0.090	0.067	0.150	0.136	0.153	16.016

ALIGNMENT CL

POINT NO	EASTING	NORTHING	RL
CL1	292494.739	5800349.425	15.743
CL2	292497.544	5800348.830	15.725
CL3	292507.106	5800345.790	15.610

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
CL1 - CL2	11.308	14.550	2.872	0.071	0.053	0.718	0.716	0.718	15.735

ALIGNMENT CM

POINT NO	EASTING	NORTHING	RL
CM1	292498.382	5800339.111	15.652
CM2	292488.388	5800338.240	15.765
CM3	292485.521	5800338.273	15.783

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
CM2 - CM3	11.310	14.550	2.872	0.071	0.053	0.718	0.716	0.718	15.775

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Date/Time: Fri Aug 15, 2019 - 4:11pm --DaltonB--

REV	AMENDMENTS	DATE	APPD.
1	SCHOOL CROSSOVER ADDED	15/08/19	TL
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
Date 31/07/18
AN 1991111
Designed C.LOWE
Date 13/09/18
AN 1961205
Verified R.MONKHOUSE
Date 24/09/18
AN 644589
Approved T.LIAKOPOULOS
Date 01/10/18
AN 888446

LEGEND

- Ex W EXISTING WATER MAIN
- Ex G EXISTING GAS MAIN
- Ex E EXISTING ELECTRICAL CABLE
- Ex S EXISTING SEWER MAIN & MANHOLE
- Ex T EXISTING TELECOMM. CABLE AND PIT
- EXISTING ELEC. POLE & O'HEAD LINES
- EXISTING STORMWATER DRAIN & PIT
- CONSTRUCTED PRE DEVELOPMENT
- EXISTING TREES TO BE REMOVED
- EXISTING SURFACE LEVEL
- FINISHED SURFACE LEVEL
- OPEN EARTH DRAIN (O.E.D.)
- S SEWER MAIN AND MANHOLE
- SW DRAIN & PIT CONSTRUCTED IN PREVIOUS STAGES
- PROPERTY INLETS
- HOUSE DRAIN
- GAS CONDUIT
- WATER CONDUIT
- RECYCLED WATER CONDUIT
- TELECOMM. CONDUIT
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- W WATER
- RECYCLED WATER
- TELECOMMUNICATIONS
- ELECTRICITY
- GAS
- STREET NAME SIGN
- REGRADE LOT AT MIN 1 IN 150
- ASPHALT PAVEMENT
- CONC FOOTPATH / DRIVEWAY
- TYPE V ASPHALT
- FILLING OVER 200mm
- FINISHED SURFACE CONTOUR

DEVELOPMENT VICTORIA

Coords: MGA
Levels: AHD

Hor 1:200 0m 2m 4m 8m 12m
Ver 1:50 0m 0.5m 1m 2m 3m
Scale @ A1/A3 Hor: 1:200/1:400 Ver: 1:50/1:100

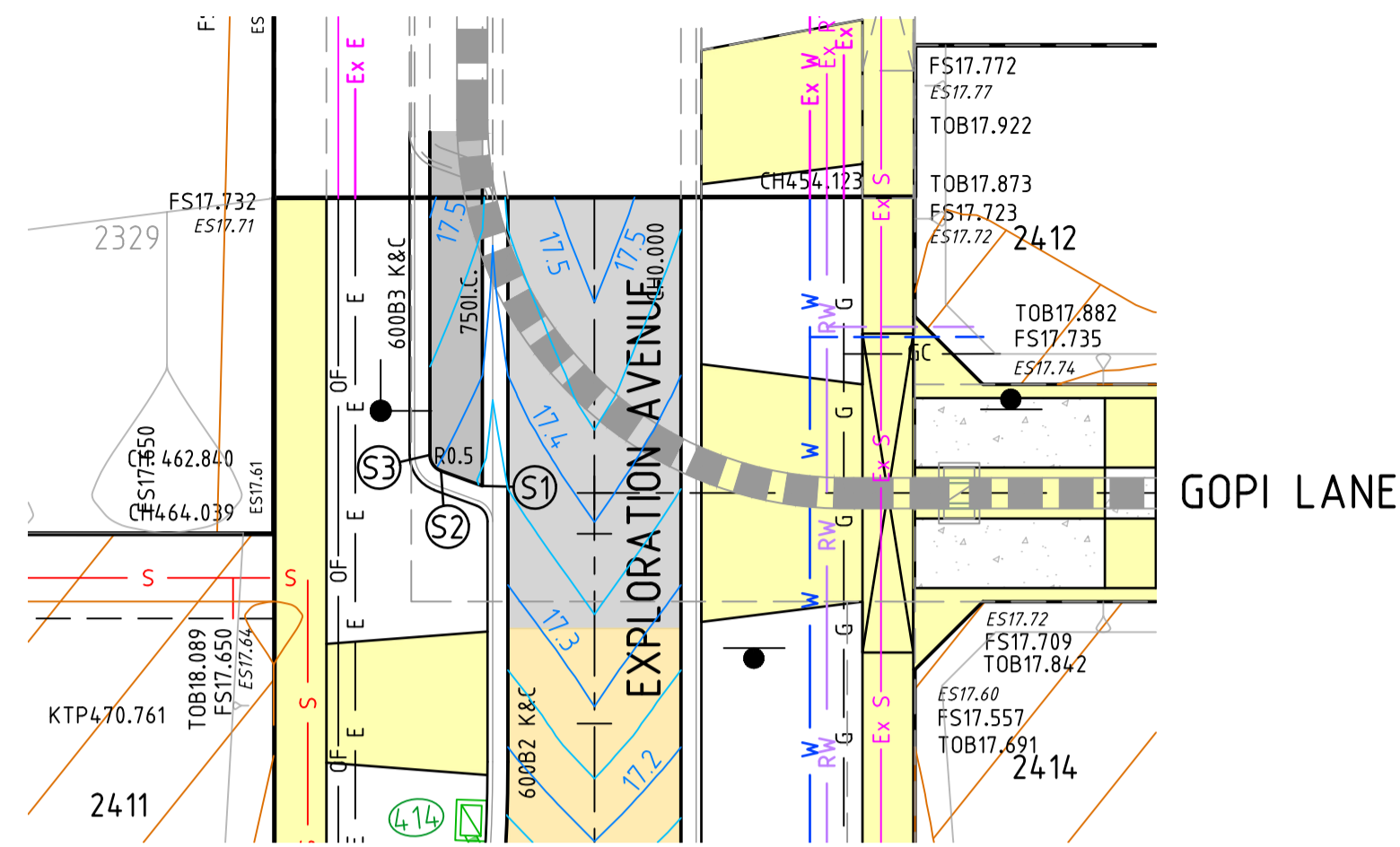
RIVERWALK
STAGE 24A
GEELONG ROAD, WERRIBEE
PARKING BAY DETAILS
SHEET 01 OF 02
Drawing No. 10924APK01 Rev1
Sheet No. 15 CONSTRUCTION
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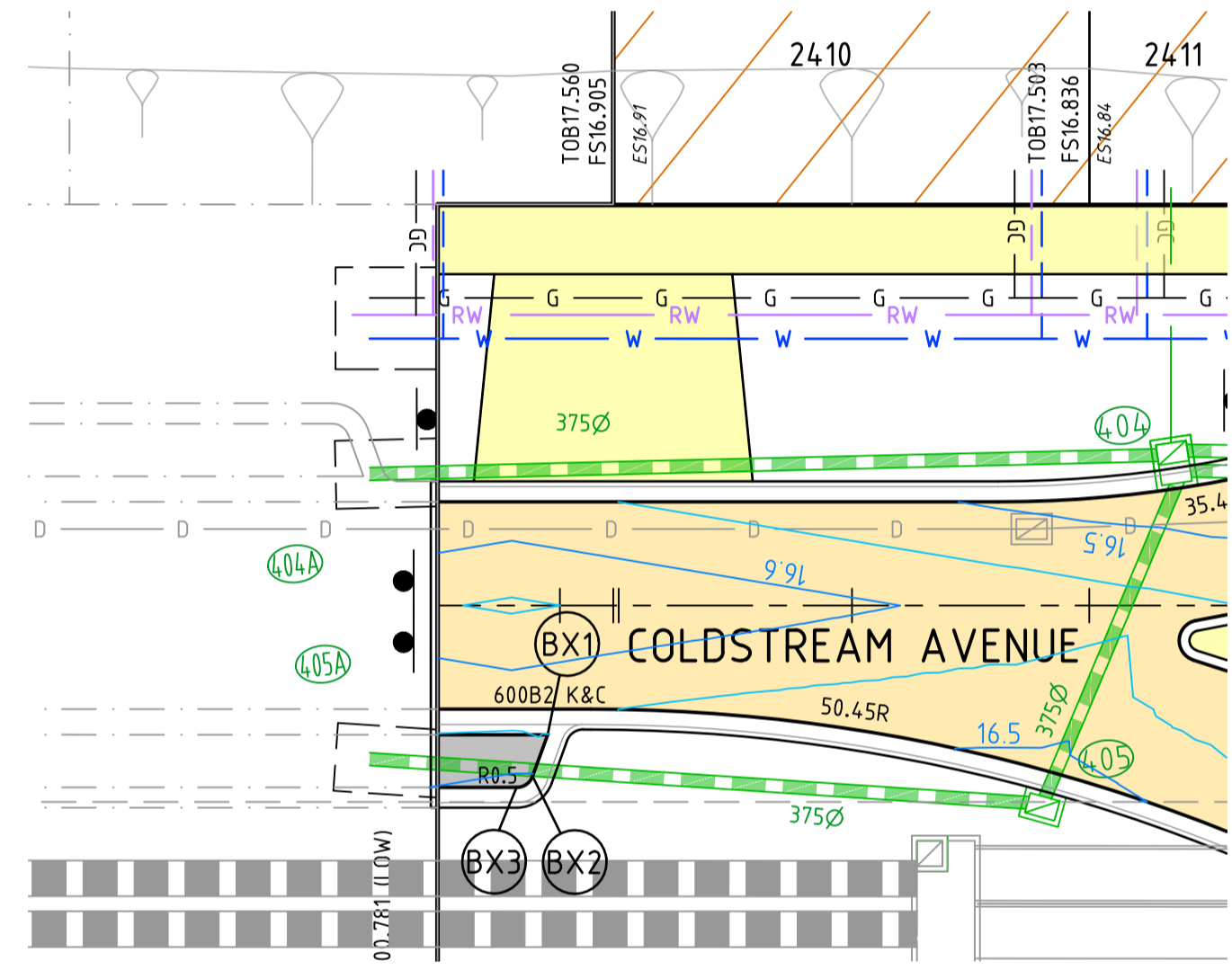
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VICTORIA
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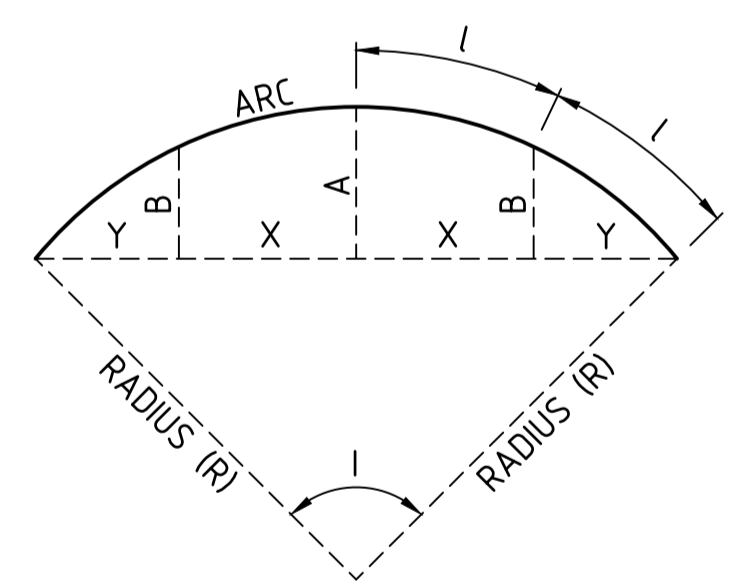
CONSTRUCTION ISSUE



PLAN



PLAN



LIP SETOUT DETAIL
N.T.S

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.

ALIGNMENT S

POINT NO	EASTING	NORTHING	RL
S1	292362.041	5800403.537	17.346
S2	292360.878	5800404.112	17.395
S3	292360.603	5800404.616	17.408

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
S2 - S3	70.000	0.500	0.611	0.090	0.067	0.150	0.136	0.153	17.402

ALIGNMENT BX

POINT NO	EASTING	NORTHING	RL
BX1	292317.794	5800359.136	16.560
BX2	292317.218	5800357.971	16.602
BX3	292316.714	5800357.696	16.611

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
BX2 - BX3	69.996	0.500	0.611	0.090	0.067	0.150	0.136	0.153	16.608

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User: jordan

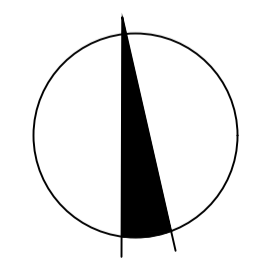
REV	AMENDMENTS	DATE	APPD.
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
Date 31/07/18
AN 1991111
Designed C.LOVE
Date 13/09/18
AN 1961205
Verified R.MONKHOUSE
Date 24/09/18
AN 644589
Approved T.LIAKOPOULOS
Date 01/10/18
AN 888446

- Ex W — EXISTING WATER MAIN
- Ex G — EXISTING GAS MAIN
- Ex E — EXISTING ELECTRICAL CABLE
- Ex S — EXISTING SEWER MAIN & MANHOLE
- Ex T — EXISTING TELECOMM. CABLE AND PIT
- Ex P — EXISTING ELEC. POLE & O'HEAD LINES
- Ex D — EXISTING STORMWATER DRAIN & PIT
- X — EXISTING TREES TO BE REMOVED
- 520.06 — EXISTING SURFACE LEVEL
- 521.650 — FINISHED SURFACE LEVEL
- — OPEN EARTH DRAIN (O.E.D.)

- LEGEND**
- S — SEWER MAIN AND MANHOLE
 - — STORMWATER DRAIN & PIT
 - — SW DRAIN & PIT CONSTRUCTED IN PREVIOUS STAGES
 - — PROPERTY INLETS
 - H — HOUSE DRAIN
 - GC — GAS CONDUIT
 - — WATER CONDUIT
 - — RECYCLED WATER CONDUIT
 - TC — TELECOMM. CONDUIT
 - — PERMANENT SURVEY MARK
 - — TEMPORARY BENCH MARK

- W — WATER
- RW — RECYCLED WATER
- T — TELECOMMUNICATIONS
- E — ELECTRICITY
- G — GAS
- — STREET NAME SIGN
- — REGRADE LOT AT MIN 1 IN 150
- — ASPHALT PAVEMENT
- — CONC FOOTPATH / DRIVEWAY
- — TYPE V ASPHALT
- — FILLING OVER 200mm
- 155.0 — FINISHED SURFACE CONTOUR



Coords: MGA
Levels: AHD
Hor 1:200 0m 2m 4m 8m 12m
Ver 1:50 0m 0.5m 1m 2m 3m
Scale @ A1/A3
Hor: 1:200/1:400
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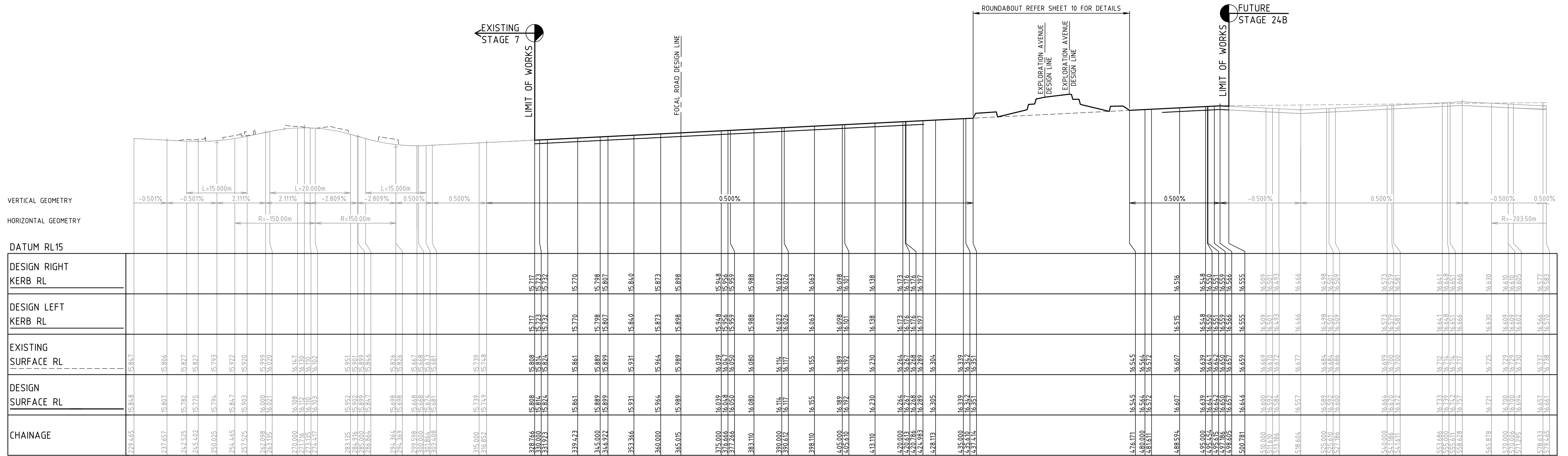
RIVERWALK
STAGE 24A
GEELONG ROAD, WERRIBEE
PARKING BAY DETAILS
SHEET 02 OF 02
Drawing No. 10924APK02 Rev 0
Sheet No. 16 CONSTRUCTION
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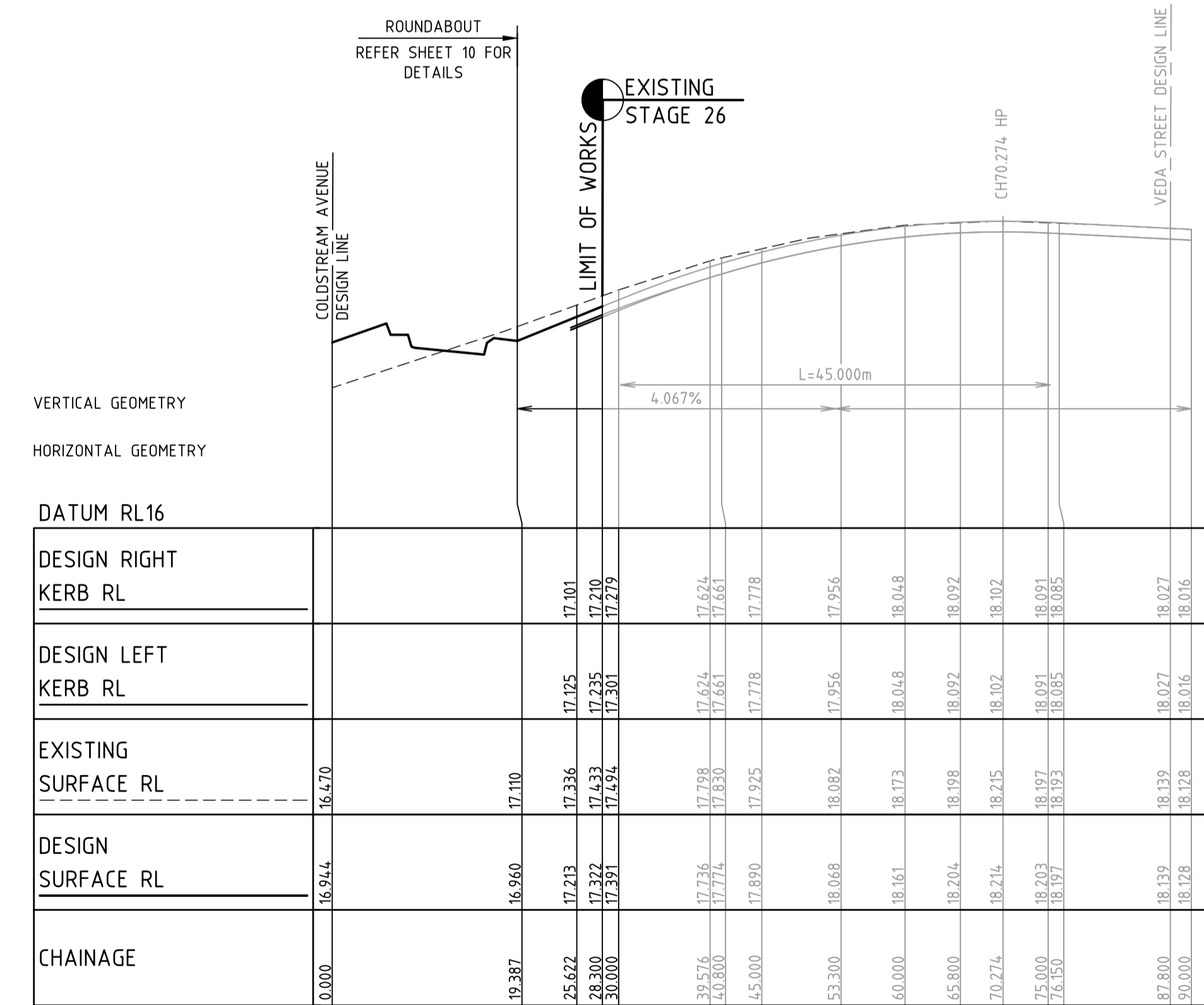
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CONSTRUCTION ISSUE

Drawing File: C:\Users\jerry\Documents\10924-Riverwalk - Stage 24a\Stage 24a\10924-Riverwalk - Stage 24a\Stage 24a.dwg
 Drawing Date: 28/06/18
 Date/Time: Fri Aug 16, 2019 - 4:11pm --D:\b0rb--



LONGITUDINAL SECTION COLDSTREAM AVENUE DESIGN LINE



LONGITUDINAL SECTION EXPLORATION AVENUE DESIGN LINE

CONSTRUCTION ISSUE

REV	AMENDMENTS	DATE	APP'D.
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

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.



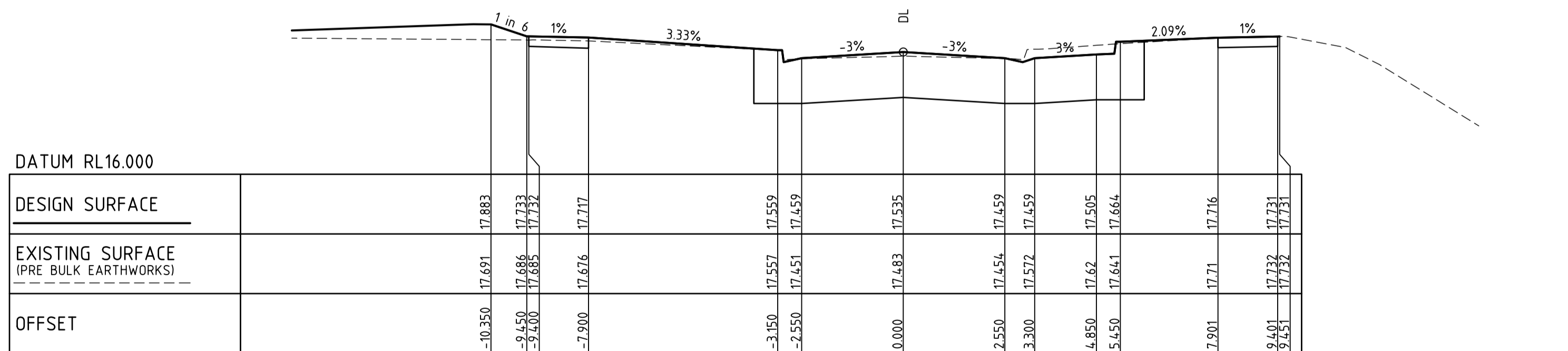
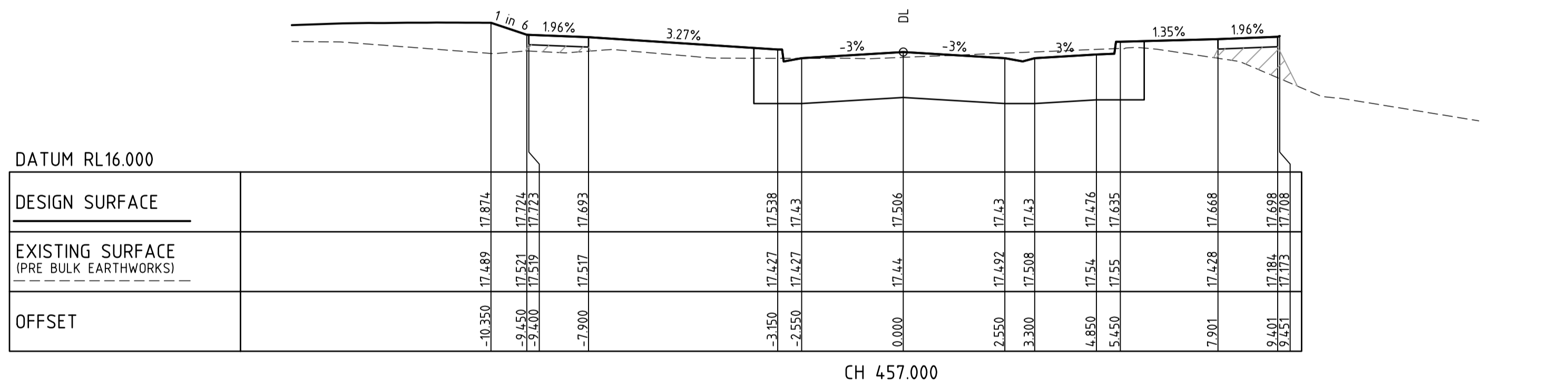
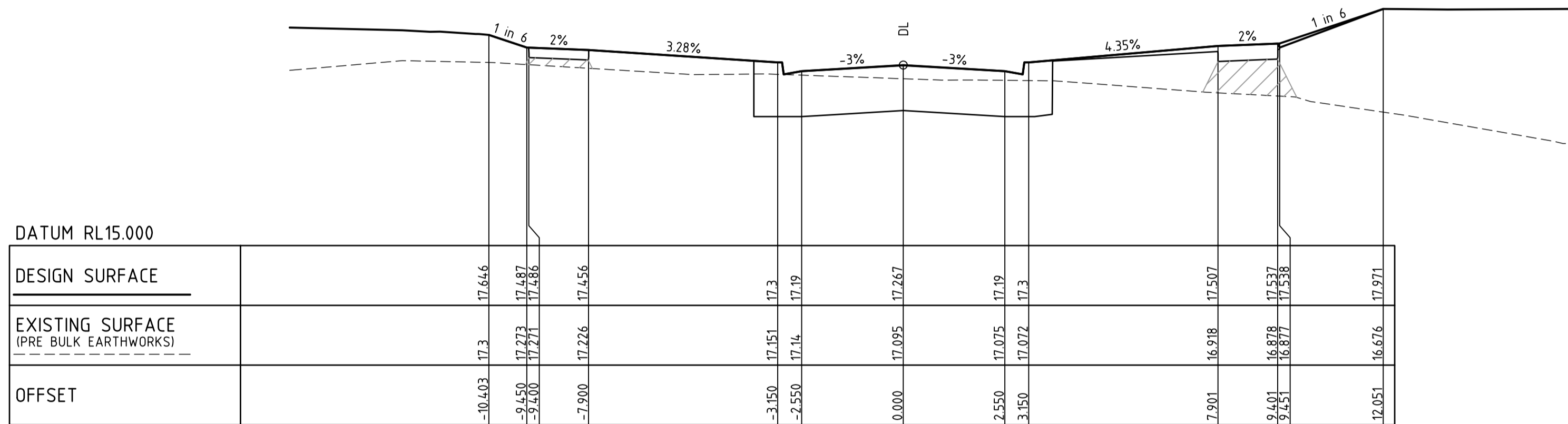
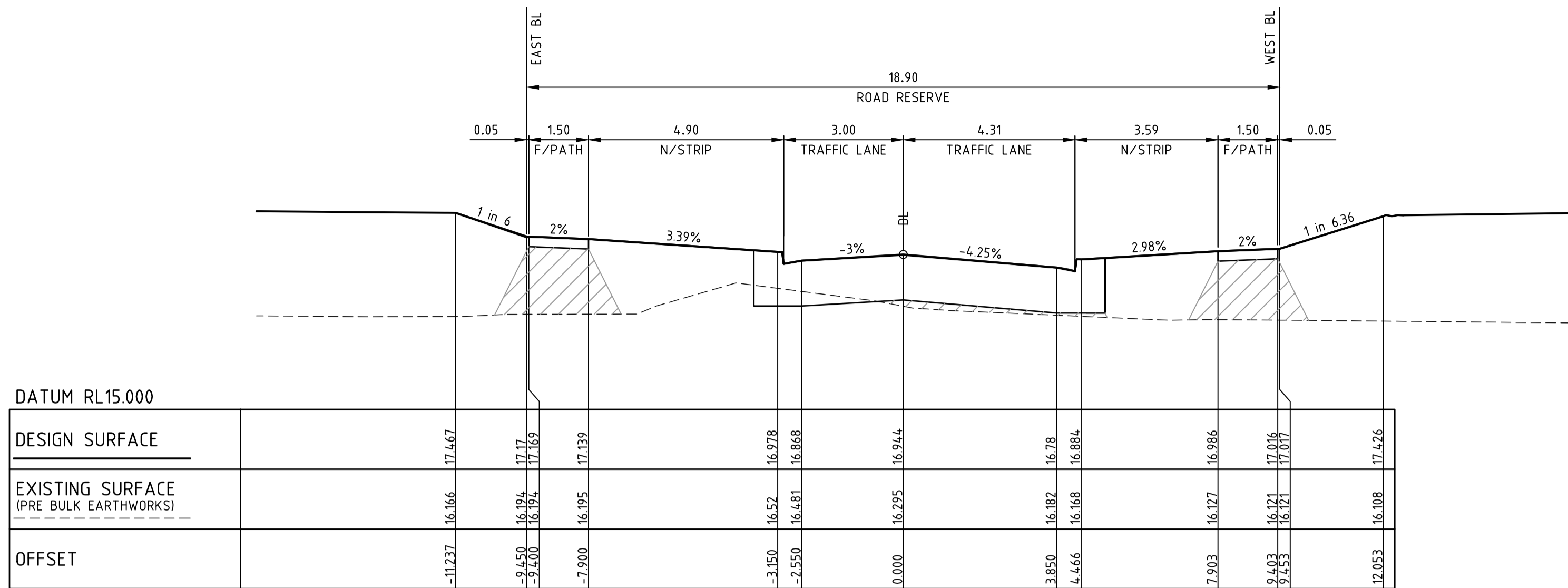
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RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 LONGITUDINAL SECTIONS
SHEET 01 OF 02
 Drawing No. 10924ALS01 Rev 0
 Sheet No. 17 **CONSTRUCTION**



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Drawing File: C:\Users\jstevens\Documents\10924-Riverwalk - Stage 24A - Stage 24A (R0)
 Date/Time: Fri Aug 15, 2019 - 4:11pm --D:\diorb--



EXPLORATION AVENUE (NORTH OF COLDSTREAM AVENUE)

CONSTRUCTION ISSUE

REV	AMENDMENTS	DATE	APP'D.
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

LEGEND

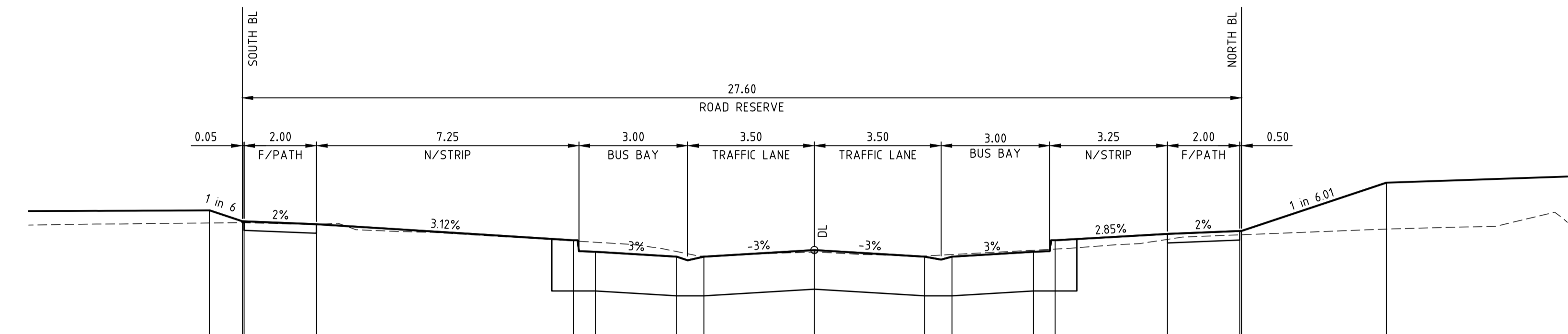


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 Levels: AHD
 Hor 1:100 0m 1m 2m 4m 6m
 Ver 1:50 0m 0.5m 1m 2m 3m
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 Ver: 1:50/1:100

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 CROSS SECTIONS
 SHEET 01 OF 08
 Drawing No. 10924XS01 Rev 0
 Sheet No. 19 **CONSTRUCTION**
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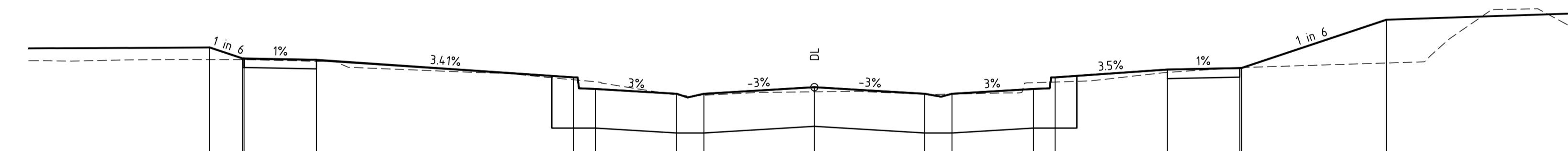
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 ABN 78 429 221 049
 VICTORIA T 61 3 9813 7400
 W dceng.com.au
 QUEENSLAND T 61 7 3374 9000
 E info@dceng.com.au

Drawing File: C:\Users\Sperry\Documents\SWMER6-MEL\10924-Riverwalk - Stage 24A - Stage 24A\10924-Riverwalk - Stage 24A.dwg
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DATUM RL14.000																					
DESIGN SURFACE																					
EXISTING SURFACE (PRE BULK EARTHWORKS)																					
OFFSET																					

CH 331.923



DATUM RL14.000																					
DESIGN SURFACE																					
EXISTING SURFACE (PRE BULK EARTHWORKS)																					
OFFSET																					

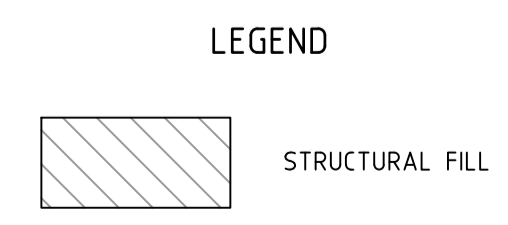
CH 328.766

COLDSTREAM AVENUE

CONSTRUCTION ISSUE

0	ISSUED FOR CONSTRUCTION	28/06/19	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446



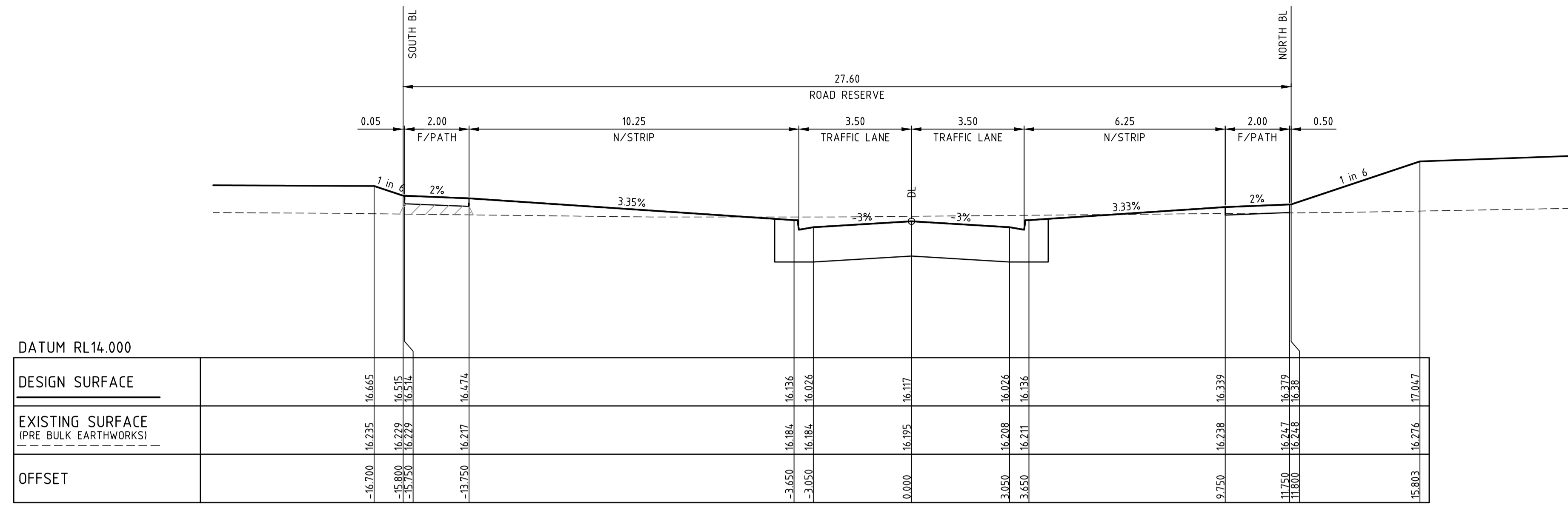
Coords: MGA
 Levels: AHD
 Hor 1:100 0m 1m 2m 4m 6m
 Ver 1:50 0m 0.5m 1m 2m 3m
 Scale @ A1/A3
 Hor: 1:100/1:200
 Ver: 1:50/1:100

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 CROSS SECTIONS
 SHEET 02 OF 08
 Drawing No. **10924XS02** Rev 0
 Sheet No. 20 **CONSTRUCTION**
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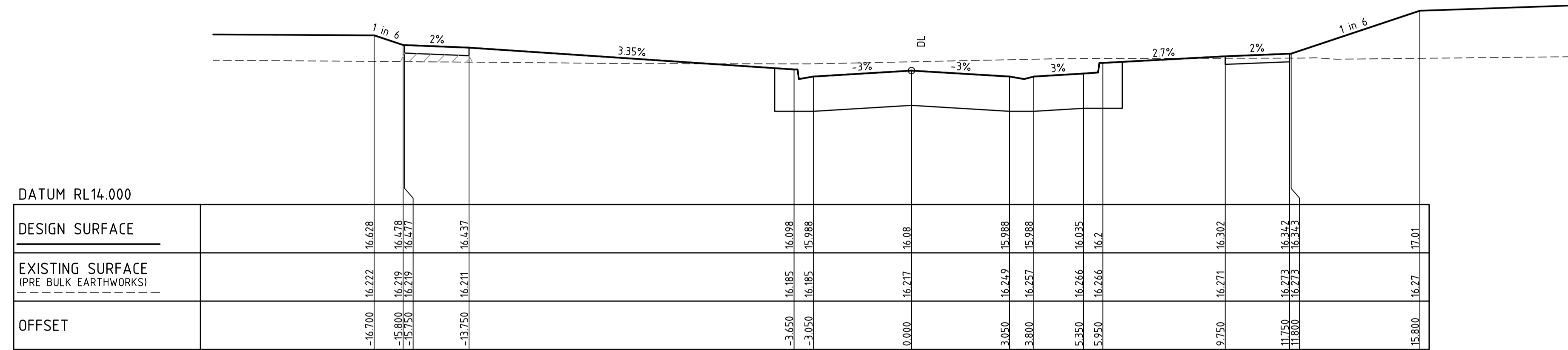


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 E info@dceng.com.au

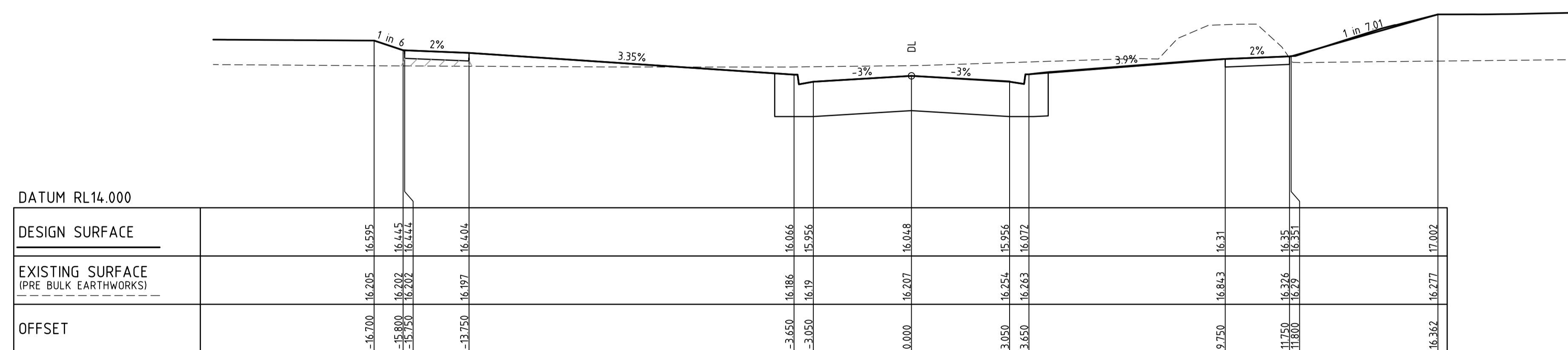
Drawing File: C:\24_Springs\24a\SWMER6-MEL\10924-Riverwalk - Stage 24A_742_Slope 24A.rvt
 Drawing Date: 28/06/2019 4:11pm
 Date/Time: Fri Aug 16, 2019 4:11pm --DaltonB



CH 390.612



CH 383.110



CH 376.666

COLDSTREAM AVENUE

CONSTRUCTION ISSUE

0	ISSUED FOR CONSTRUCTION	28/06/19	TL
REV	AMENDMENTS	DATE	APPD.

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

LEGEND



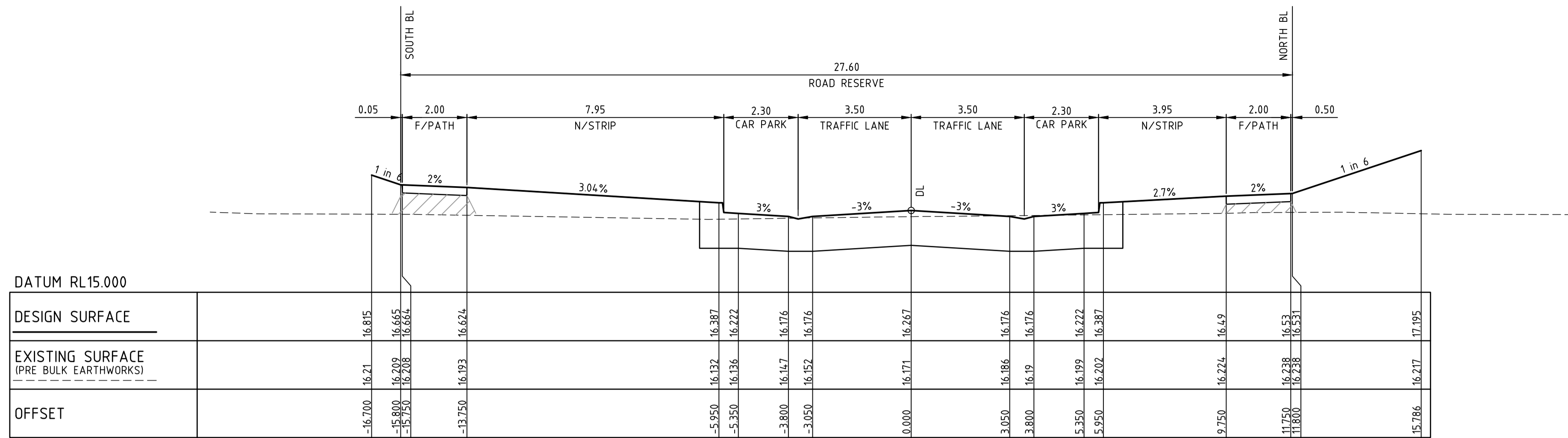
Coords: MGA
 Levels: AHD
 Hor 1:100 0m 1m 2m 4m 6m
 Ver 1:50 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 Hor: 1:100/1:200
 Ver: 1:50/1:100

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 CROSS SECTIONS
 SHEET 03 OF 08
 Drawing No. 10924XS03 Rev 0
 Sheet No. 21 **CONSTRUCTION**
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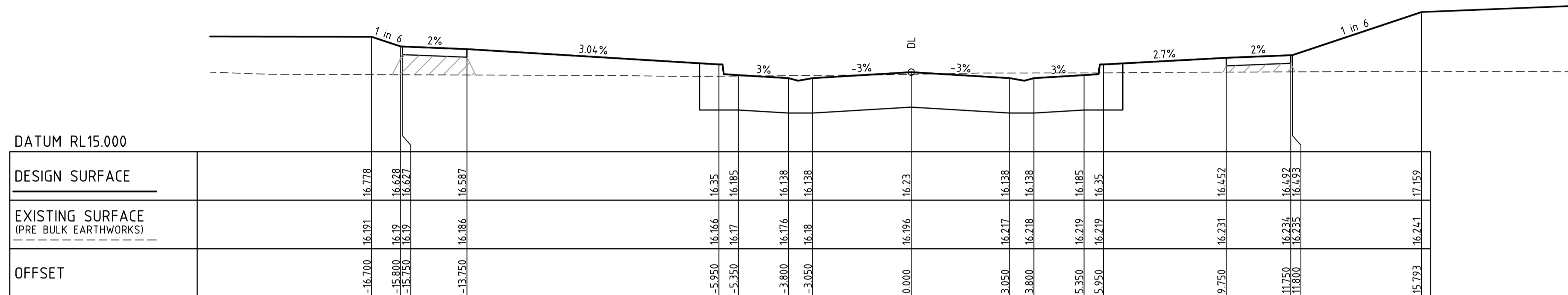


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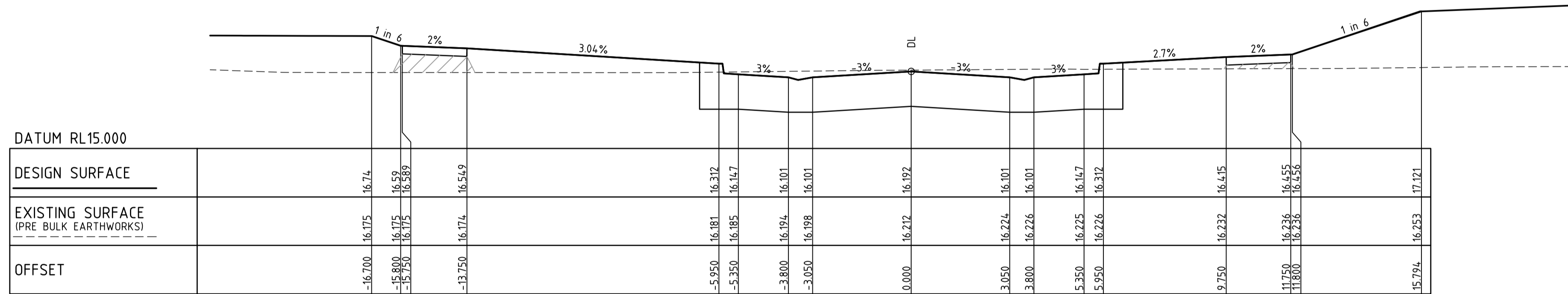
Drawing File: C:\Users\jyoung\Documents\10924-Riverwalk - Stage 24A - Slope 24A\10924-Riverwalk - Stage 24A - Slope 24A.dwg
 Date/Time: Fri Aug 15, 2019 - 4:11pm --DaltonB--



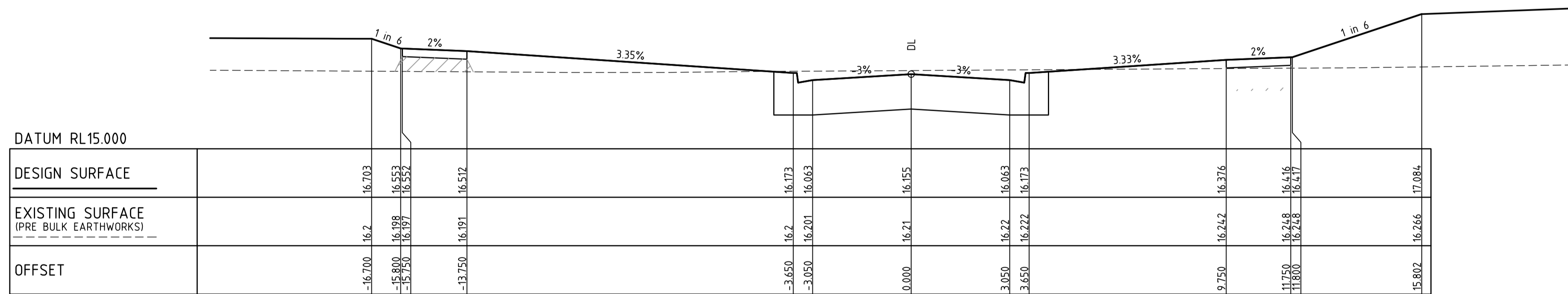
CH 420.614



CH 413.110



CH 405.610



CH 398.110

COLDSTREAM AVENUE

CONSTRUCTION ISSUE

REV	AMENDMENTS	DATE	APP'D.
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

LEGEND

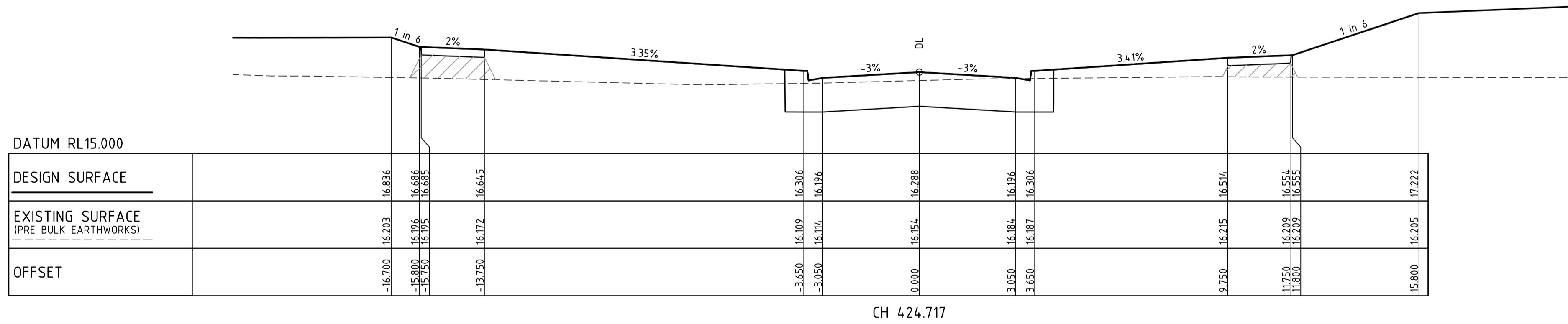
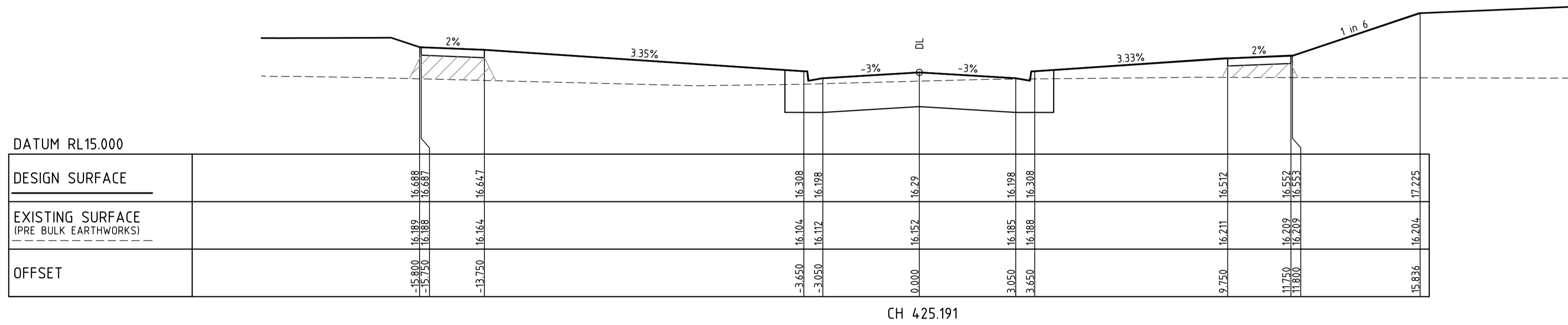
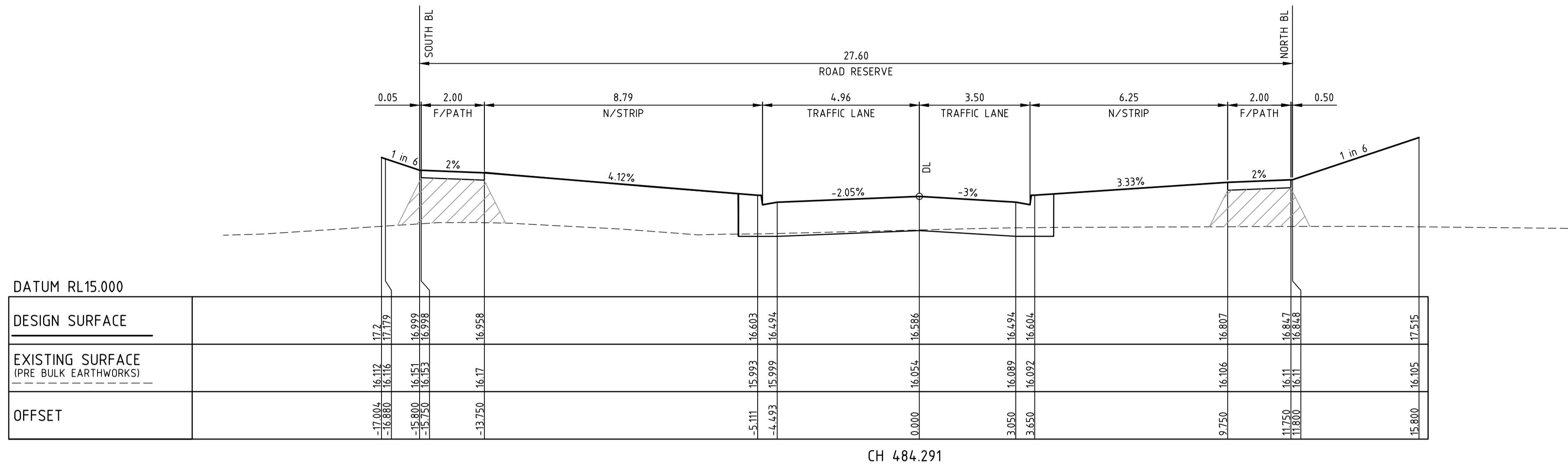


Coords: MGA
 Levels: AHD
 Hor 1:100 0m 1m 2m 4m 6m
 Ver 1:50 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 Hor: 1:100/1:200 Ver: 1:50/1:100

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 CROSS SECTIONS
SHEET 04 OF 08
 Drawing No. **10924XS04** Rev 0
 Sheet No. 22 **CONSTRUCTION**
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Drawing File: C:\Users\Spencer\Documents\10924-Riverwalk - Stage 24A - Stage 24A\10924-Riverwalk - Stage 24A - Stage 24A.dwg
 Date/Time: Fri Aug 16, 2019 4:11pm --DaltonB--



COLDSTREAM AVENUE

CONSTRUCTION ISSUE

REV	AMENDMENTS	DATE	APP'D.
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

LEGEND

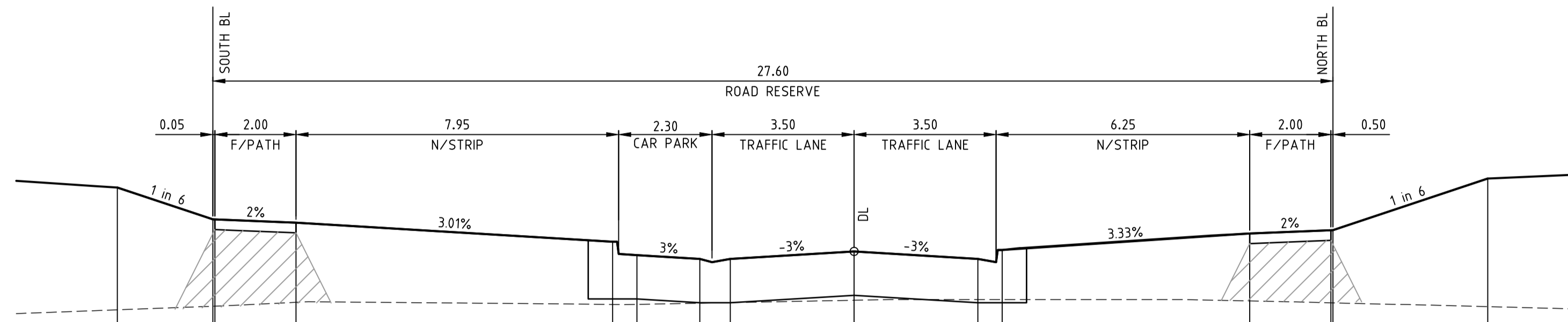


Coords: MGA
 Levels: AHD
 Hor 1:100 0m 1m 2m 4m 6m
 Ver 1:50 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 Hor: 1:100/1:200 Ver: 1:50/1:100

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 CROSS SECTIONS
 SHEET 05 OF 08
 Drawing No. 10924XS05 Rev 0
 Sheet No. 23 CONSTRUCTION
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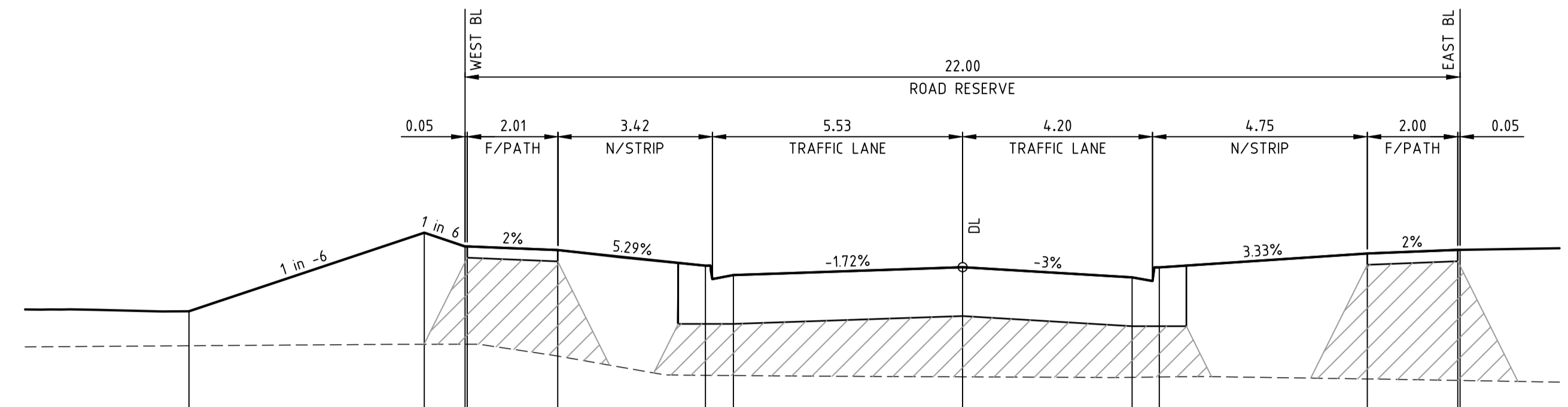
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Drawing File: C:\Users\stern\Documents\10924-Riverwalk - Stage 24A\Stage 24A\06.rvt
 Drawing Date: 28/06/2019 4:11pm
 Date/Time: Fri Aug 16, 2019 4:11pm --DaltonB--



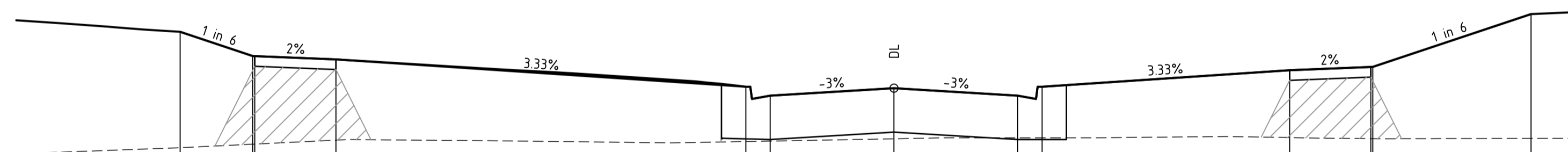
DATUM RL15.000	
DESIGN SURFACE	-17.435, 17.042, 17.001, 16.766, 16.601, 16.555, 16.644, 16.555, 16.665, 16.868, 16.908, 16.909, 17.545
EXISTING SURFACE (PRE BULK EARTHWORKS)	15.927, 15.971, 15.972, 16.02, 15.993, 15.994, 16.008, 16.016, 16.045, 16.054, 16.054, 16.037, 16.014, 16.013, 15.967
OFFSET	-18.154, -15.150, -13.750, -5.950, -5.350, -3.800, -3.050, 0.000, 3.050, 3.650, 9.750, 11.750, 11.800, 15.615

CH 500.781 (LOW)



DATUM RL15.000	
DESIGN SURFACE	16.836, 17.703, 17.552, 17.512, 17.339, 17.235, 17.322, 17.21, 17.32, 17.473, 17.513, 17.516
EXISTING SURFACE (PRE BULK EARTHWORKS)	16.454, 16.47, 16.471, 16.34, 16.128, 16.125, 16.111, 16.105, 16.109, 16.087, 16.071, 16.071
OFFSET	-17.103, -11.900, -11.000, -10.950, -8.950, -5.685, -5.067, 0.000, 3.750, 4.350, 8.950, 10.950, 11.000

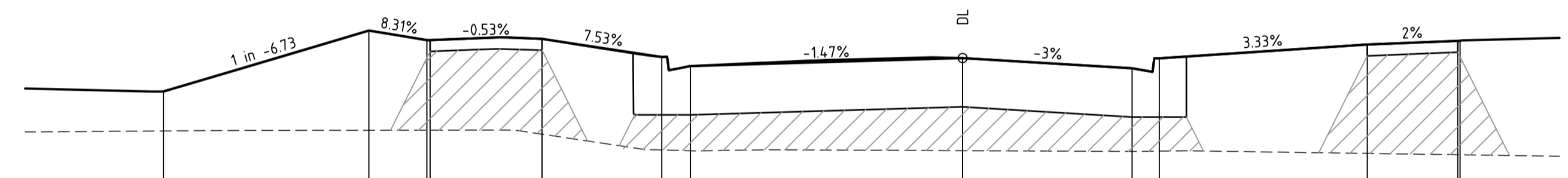
CH 28.300



DATUM RL15.000	
DESIGN SURFACE	17.34, 17.042, 17.001, 16.664, 16.554, 16.645, 16.554, 16.664, 16.907, 16.908, 17.558
EXISTING SURFACE (PRE BULK EARTHWORKS)	15.913, 15.956, 15.958, 16.006, 15.989, 15.995, 16.023, 16.035, 16.035, 16.024, 16.024
OFFSET	-17.590, -15.800, -15.750, -13.750, -3.650, -3.050, 0.000, 3.050, 3.650, 9.750, 11.750, 11.800, 15.618

CH 496.272

COLDSTREAM AVENUE



DATUM RL15.000	
DESIGN SURFACE	16.818, 17.492, 17.386, 17.387, 17.4, 17.201, 17.099, 17.187, 17.075, 17.185, 17.318, 17.318, 17.379
EXISTING SURFACE (PRE BULK EARTHWORKS)	16.381, 16.389, 16.39, 16.39, 16.171, 16.162, 16.163, 16.154, 16.158, 16.132, 16.118, 16.117
OFFSET	-17.668, -13.127, -11.814, -11.712, -9.298, -6.649, -6.017, 0.000, 3.750, 4.350, 8.950, 10.950, 11.000

CH 24.988

EXPLORATION AVENUE (SOUTH OF COLDSTREAM AVENUE)

CONSTRUCTION ISSUE

REV	AMENDMENTS	DATE	APP'D.
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

LEGEND



Coords: MGA
 Levels: AHD
 Hor 1:100 0m 1m 2m 4m 6m
 Ver 1:50 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 Hor: 1:100/1:200 Ver: 1:50/1:100

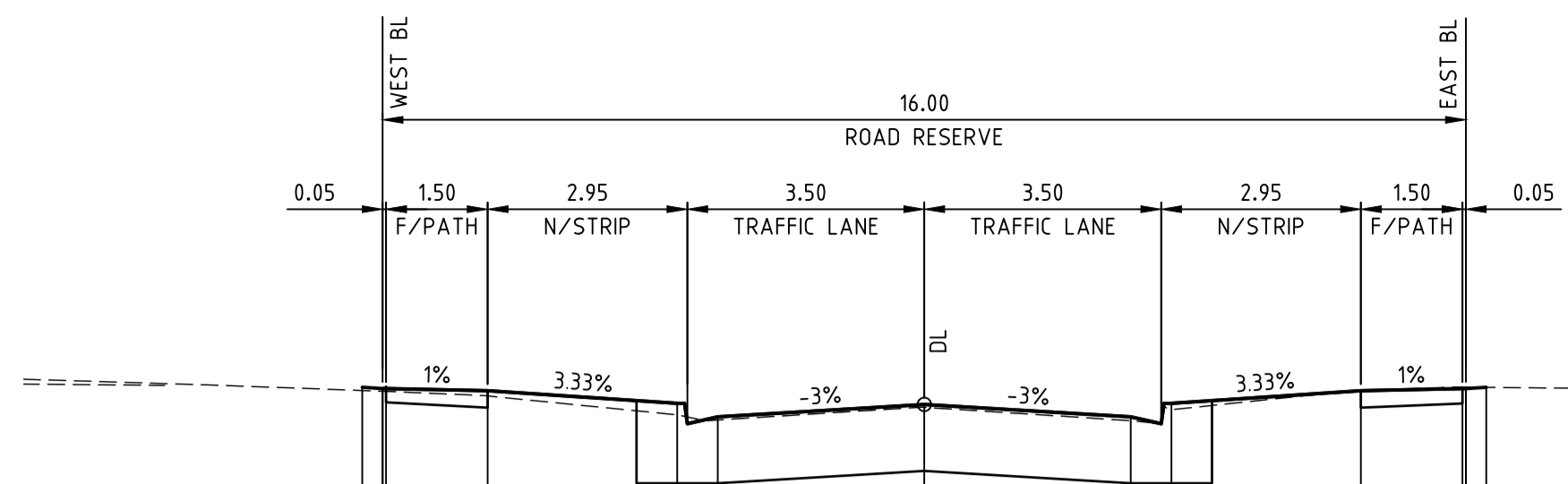
RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 CROSS SECTIONS
SHEET 06 OF 08
 Drawing No. 10924XS06 Rev 0
 Sheet No. 24 **CONSTRUCTION**
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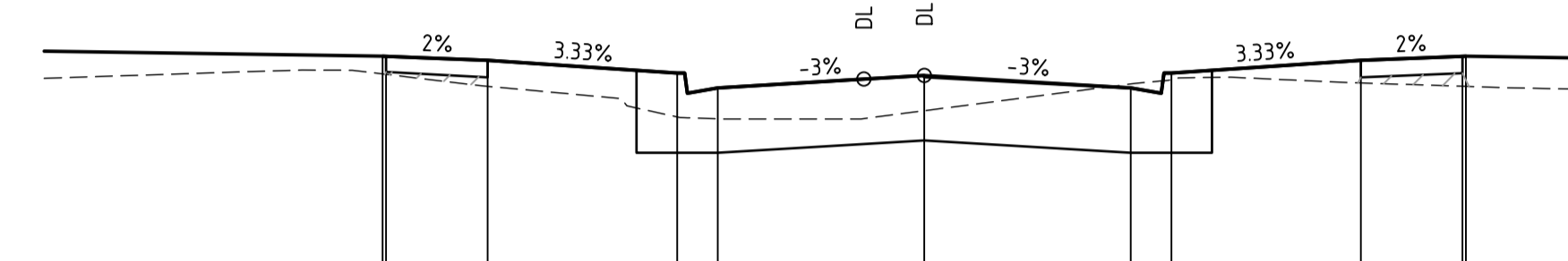
Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

Drawing File: C:\Users\jyoung\Documents\SWMER6-MEL\10924-Riverwalk - Stage 24A - Stage 24A\10924-Stage 24A.dwg
 Date/Time: Fri Aug 15, 2019 - 4:11pm --DaltonB--



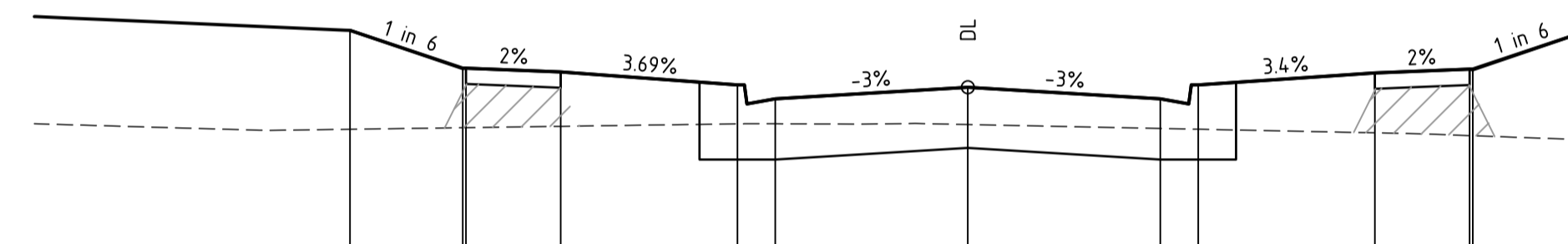
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EXISTING SURFACE (PRE BULK EARTHWORKS)		17.231	17.231	17.231	17.231	17.231	17.231	17.231
OFFSET		-8.201	-8.000	-7.950	-6.450	-3.650	-3.050	0.000

CH 58.201



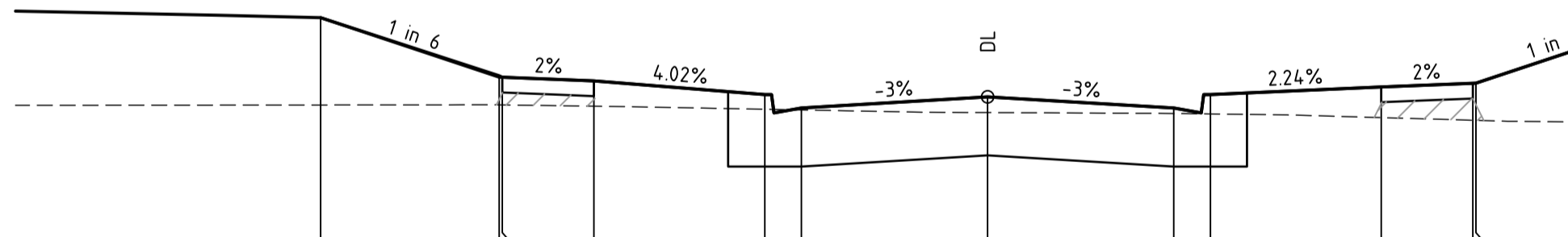
	0.05	1.50	2.95	3.50	3.50	2.95	1.50	0.05
DESIGN SURFACE		17.112	17.112	17.112	17.112	17.112	17.112	17.112
EXISTING SURFACE (PRE BULK EARTHWORKS)		16.981	16.978	16.889	16.889	16.889	16.914	17.081
OFFSET		-8.000	-7.950	-6.450	-3.650	-3.050	0.000	16.709

CH 45.000



	0.05	1.50	2.95	3.50	3.50	2.95	1.50	0.05
DESIGN SURFACE		17.089	16.791	16.791	16.791	16.791	16.791	17.089
EXISTING SURFACE (PRE BULK EARTHWORKS)		16.306	16.319	16.319	16.319	16.319	16.319	16.319
OFFSET		-9.788	-8.000	-7.950	-6.450	-3.650	-3.050	0.000

CH 30.000



	0.05	1.50	2.95	3.50	3.50	2.95	1.50	0.05
DESIGN SURFACE		17.013	16.525	16.525	16.525	16.525	16.525	17.013
EXISTING SURFACE (PRE BULK EARTHWORKS)		16.297	16.298	16.297	16.297	16.297	16.297	16.297
OFFSET		-10.224	-8.000	-7.950	-6.450	-3.650	-3.050	0.000

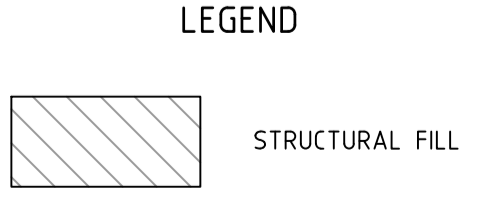
CH 20.000

FOCAL ROAD

CONSTRUCTION ISSUE

REV	AMENDMENTS	DATE	APP'D.
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446



Coords: MGA
 Levels: AHD
 Hor: 1:100
 Ver: 1:50

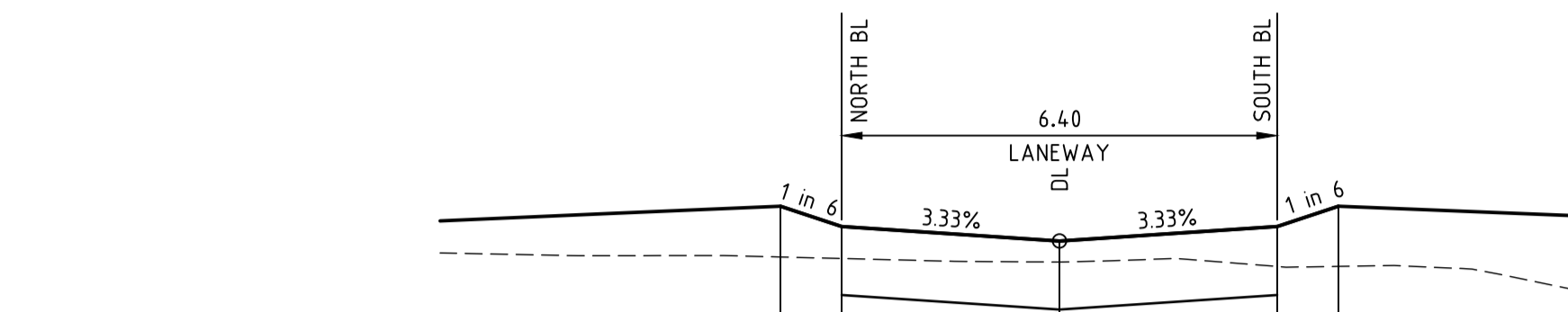
RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 CROSS SECTIONS
 SHEET 07 OF 08
 Drawing No. 10924XS07 Rev 0
 Sheet No. 25 CONSTRUCTION
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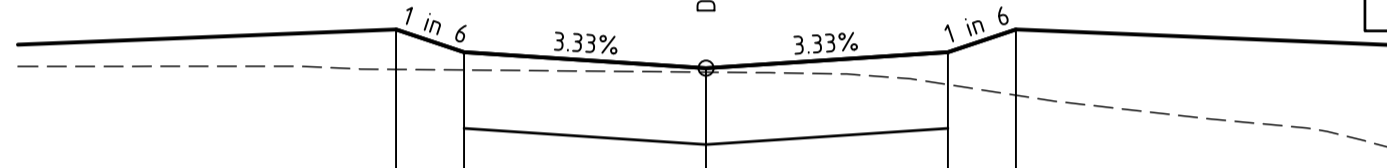
Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

Drawing File: C:\Users\jordan\Documents\10924-Riverwalk - Stage 24A\Stage 24A\08.rvt
 Date/Time: Fri Aug 15, 2019 4:11pm --D:\burb--



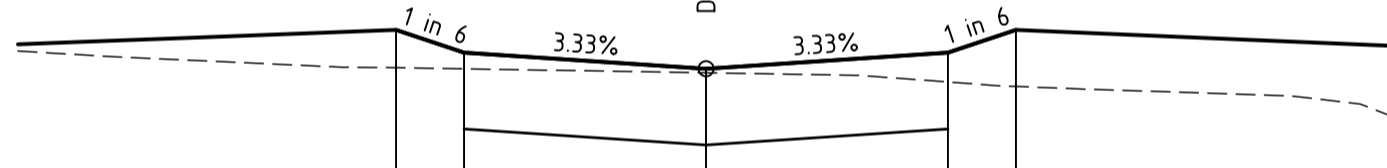
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DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 42.047



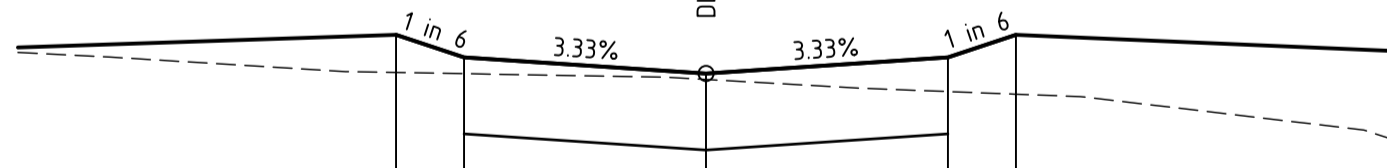
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DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 34.545



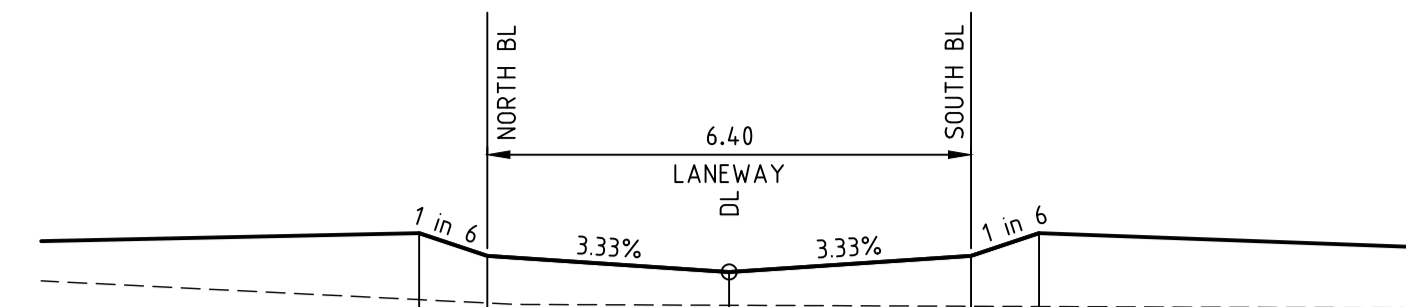
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EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 27.047



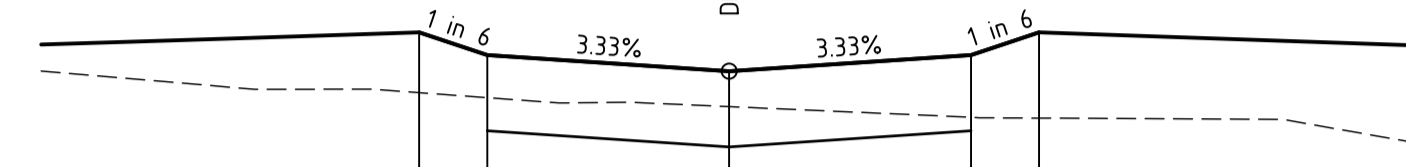
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DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 19.547



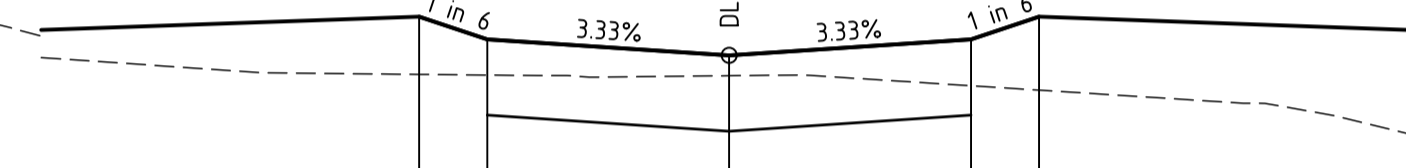
DATUM RL16.000				
DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 108.237



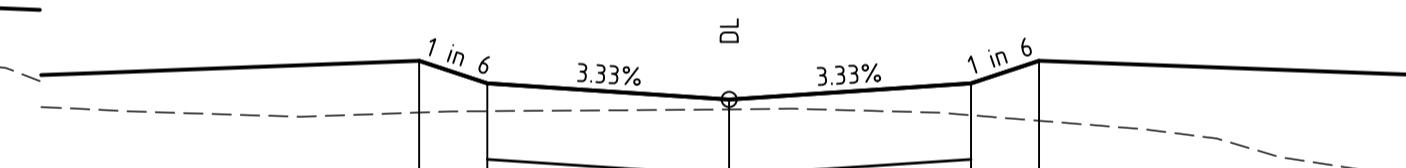
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DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 72.047



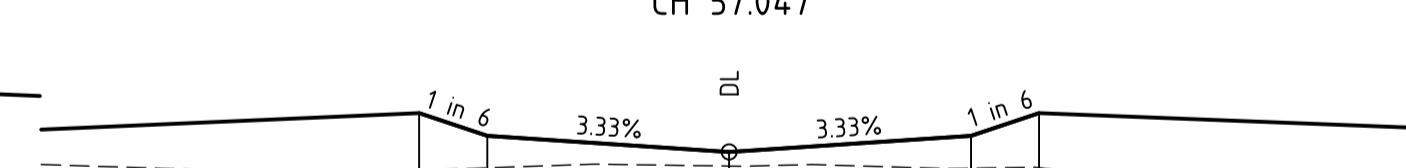
DATUM RL16.000				
DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 64.547



DATUM RL16.000				
DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

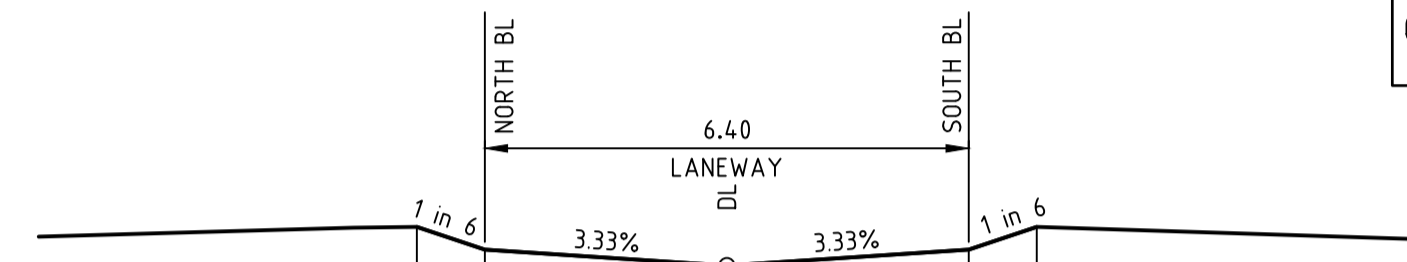
CH 57.047



DATUM RL16.000				
DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

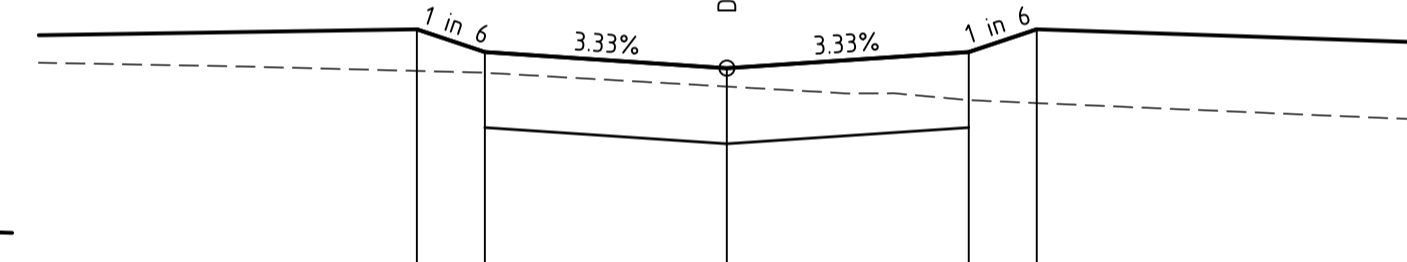
CH 49.547

GOPI LANE



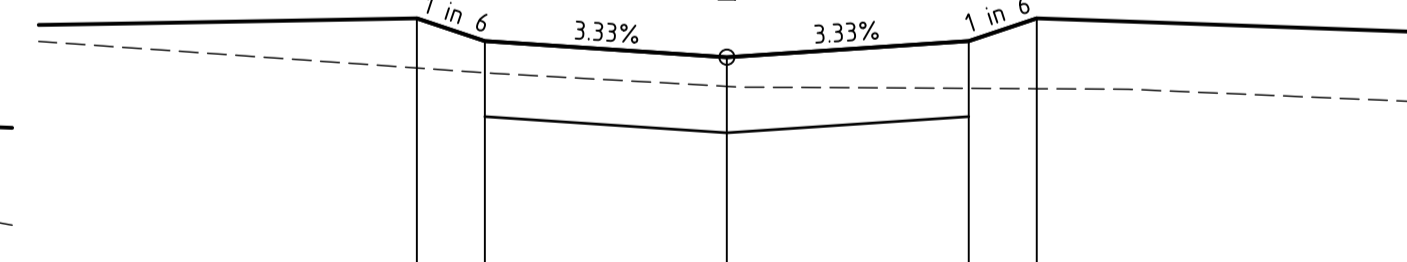
DATUM RL15.000				
DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 130.737



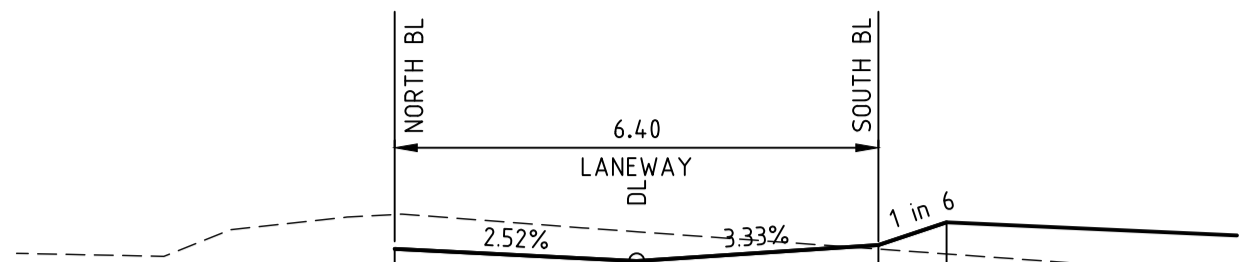
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DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 123.236



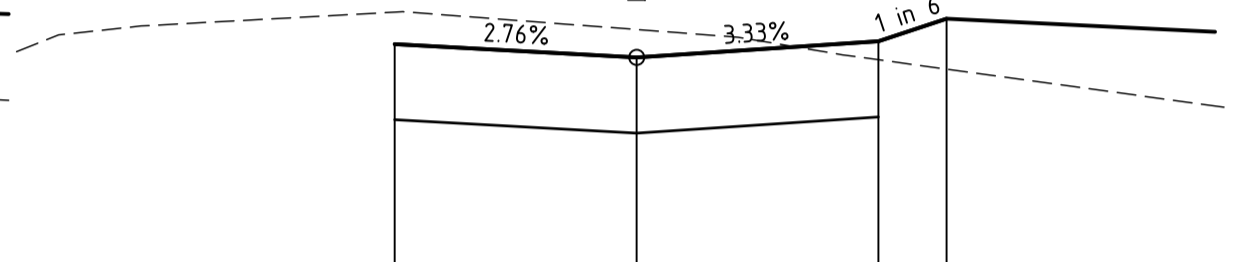
DATUM RL15.000				
DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 115.737



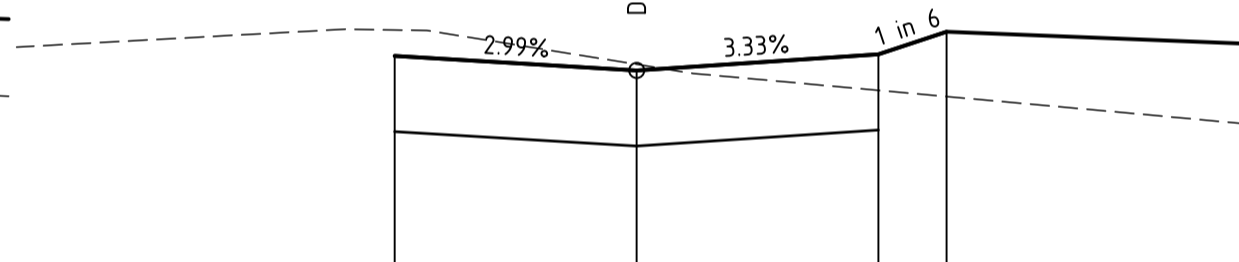
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DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 160.737



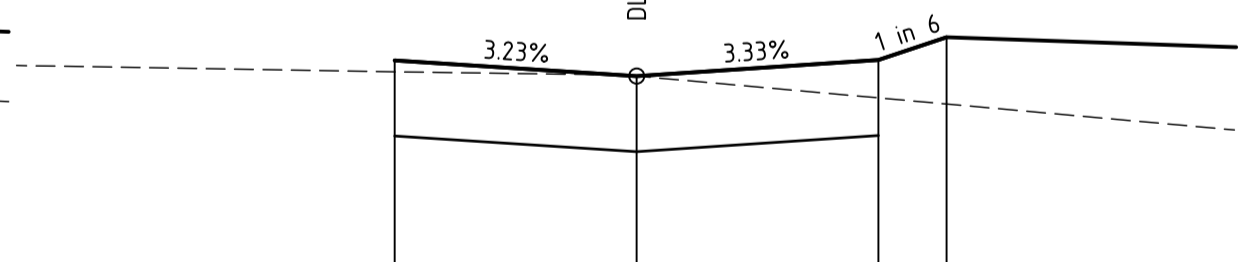
DATUM RL15.000				
DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 153.237



DATUM RL15.000				
DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 145.737



DATUM RL15.000				
DESIGN SURFACE				
EXISTING SURFACE (PRE BULK EARTHWORKS)				
OFFSET				

CH 138.239

CONSTRUCTION ISSUE

LEGEND

	STRUCTURAL FILL
--	-----------------



Coords: MGA
 Levels: AHD
 Hor 1:100 0m 1m 2m 4m 6m
 Ver 1:50 0m 0.5m 1m 2m 3m
 Scale @ A1/A3 Hor: 1:100/1:200 Ver: 1:50/1:100

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 CROSS SECTIONS
 SHEET 08 OF 08
 Drawing No. 10924AXS08 Rev 0
 Sheet No. 26 **CONSTRUCTION**

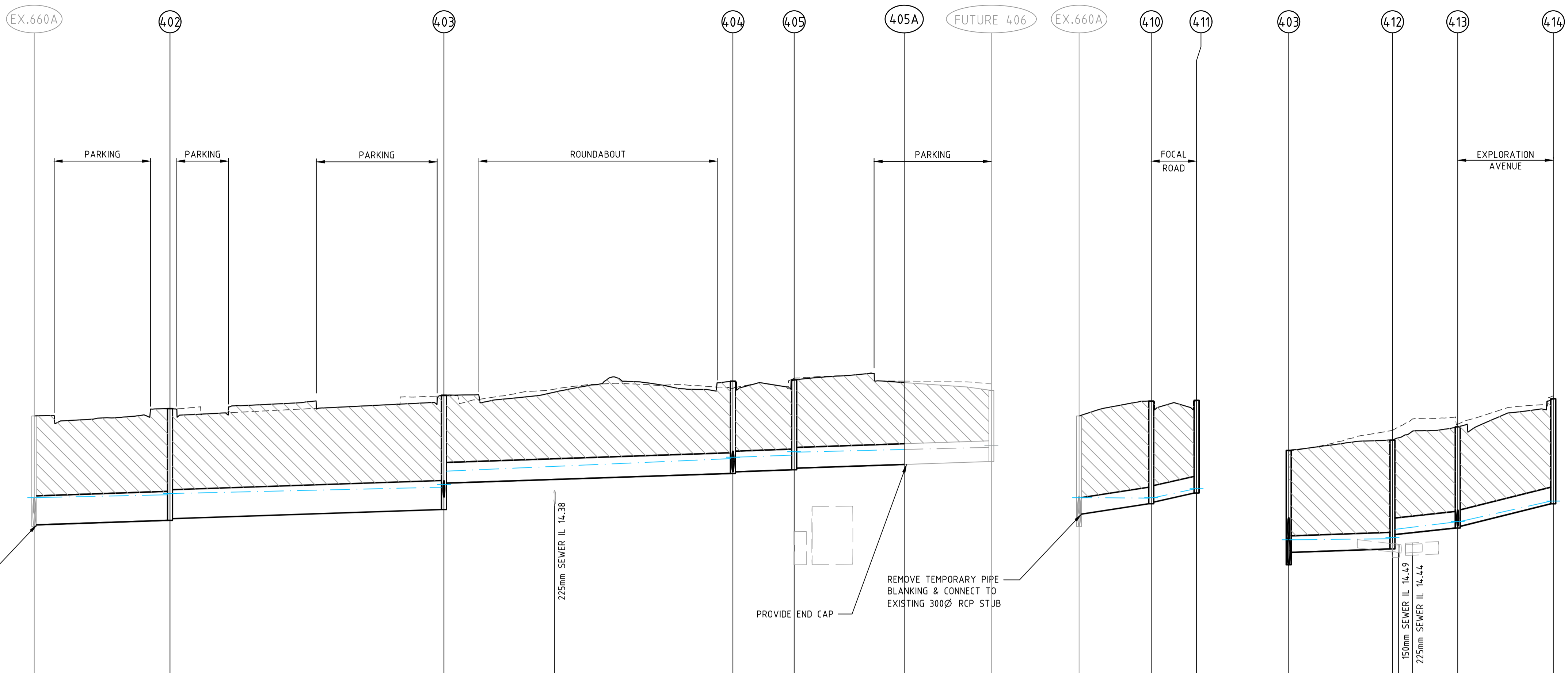


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 QUEENSLAND T 61 7 3374 9000 E info@dceng.com.au
 ABN 78 429 221 049

0	ISSUED FOR CONSTRUCTION	28/06/19	TL
REV	AMENDMENTS	DATE	APPD.

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.

Drawing File: C:\Users\jordan\Documents\10924-Riverwalk - Stage 24A\Stage 24A\DWG\10924-DR01.dwg
 Date/Time: Fri Aug 15, 2019 - 4:11pm --DaltonB--



CONSTRUCTION ISSUE

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.

	0.000	24.575	24.575	49.592	74.167	94.223	94.223	52.312	126.478	110.993	137.571	198.63	157.434	15.829	173.263	13.063	15.063	8.200	2.1263	0.000	18.786	18.786	22.437	30.594	17.306	47.901		
VELOCITY (m/s)		1.295		1.293		1.032		1.027		1.015						1.193	1.108				0.796		1.090		0.927			
PIPE GRADE VELOCITY		1.147		1.147		0.917		0.917		0.917						1.638	1.936				0.790		1.369		2.104			
PIPE GRADE %		0.333%		0.333%		0.333%		0.333%		0.333%						1.433%	2.000%				0.333%		1.000%		2.363%			
PIPE FLOW (m ³ /s)		0.219		0.217		0.175		0.085		0.080						0.018	0.009				0.029		0.021		0.004			
PIPE CAPACITY AT GRADE		0.248		0.248		0.203		0.101		0.101						0.116	0.137				0.056		0.097		0.149			
PIPE SIZE (mm)		525		525		12x1375		375		375						300	300				300		300		300			
DATUM	4.000																											
DEPTH TO INVERT		2.002		2.024		2.070		1.642		1.627		1.483				2.002	1.777				2.070		1.710		1.803			
HYDRAULIC GRADE LINE		14.402		14.536		14.672		15.190		15.252		15.356				14.402	14.485				14.672		14.739		15.043			
INVERT LEVEL		13.961		14.073		14.268		14.814		14.921		15.085				13.961	14.186				14.493		14.816		14.934			
DESIGN SURFACE LEVEL		15.963		16.097		16.338		16.594		16.594		16.568				15.963	15.963				16.338		16.525		16.766			
EXISTING SURFACE LEVEL		15.963		16.086		16.325		16.460		16.460		16.616				15.963	16.233				16.325		16.701		16.813			
CHAINAGE		0.000		24.575		49.592		94.223		126.478		198.63		15.829	173.263	13.063	15.063	8.200	2.1263	0.000	18.786	18.786	22.437	30.594	17.306	47.901		

REV	AMENDMENTS	DATE	APPD.
1	COUNCIL COMMENTS (07/08/19)	15/08/19	TL
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

LEGEND
 DENOTES CLASS 2 CRUSHED ROCK BACKFILL



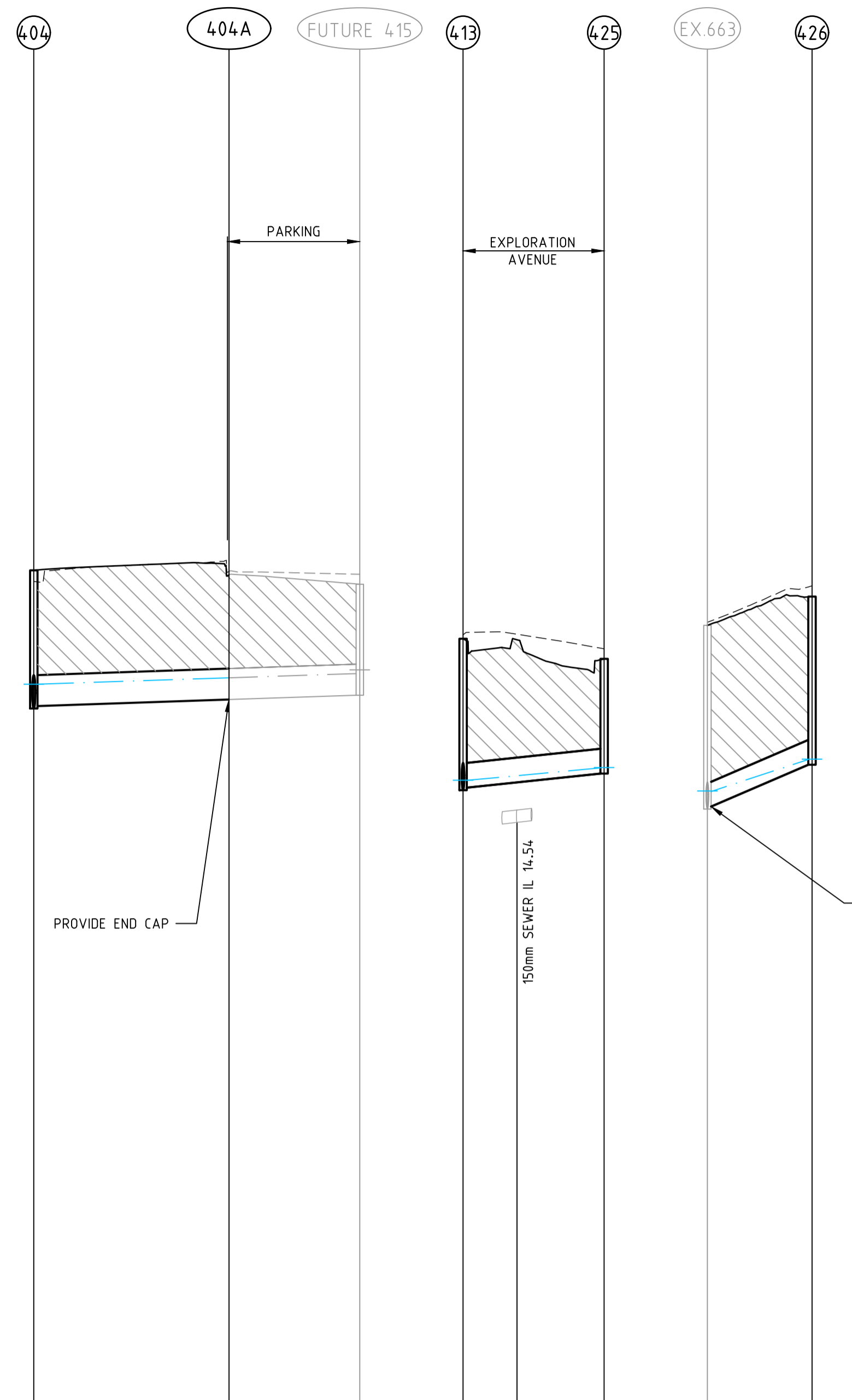
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 Ver: 1:50 0m 0.5m 1m 2m 3m
 Scale @ A1/A3
 Hor: 1:500/1:1000
 Ver: 1:50/1:100

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 DRAINAGE LONGITUDINAL SECTIONS
SHEET 01 OF 04
 Drawing No. 10924ADR01 Rev 1
 Sheet No. 27 **CONSTRUCTION**
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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.



	4.04	4.04A	FUTURE 4.15	4.13	4.25	EX.663	4.26
VELOCITY (m/s)	1.025				0.838		1.306
PIPE GRADE VELOCITY	0.917				1.369		2.737
PIPE GRADE %	0.333%				1.000%		4.000%
PIPE FLOW (m ³ /s)	0.084				0.008		0.007
PIPE CAPACITY AT GRADE	0.101				0.097		0.193
PIPE SIZE (mm)	375				300		300
DATUM	4.000	(CLASS 3)			5.000	(CLASS 3)	5.000
DEPTH TO INVERT	1.672	1.642	1.508	1.833	1.803	2.223	2.035
HYDRAULIC GRADE LINE	15.190	15.216	15.293	15.043	15.053	14.889	15.305
INVERT LEVEL	14.921	14.951	15.030	14.934	14.964	14.735	15.241
DESIGN SURFACE LEVEL	16.594	16.538	16.538	16.766	16.766	16.928	17.276
EXISTING SURFACE LEVEL	16.640	16.580	16.546	16.813	16.813	16.965	17.406
CHAINAGE	0.000	23.627	15.827	0.000	6.524	12.661	12.661


CONSTRUCTION ISSUE

Drawing File: C:\24_Sydney\Jobs\10924-Riverwalk-MEL\10924-Riverwalk - Stage 24A\24A_Slope 24M\04.dwg
 Date/Time: Fri Aug 15, 2019 4:11pm --DaltonB--

REV	AMENDMENTS	DATE	APPD.
1	COUNCIL COMMENTS (07/08/19)	15/08/19	TL
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

LEGEND

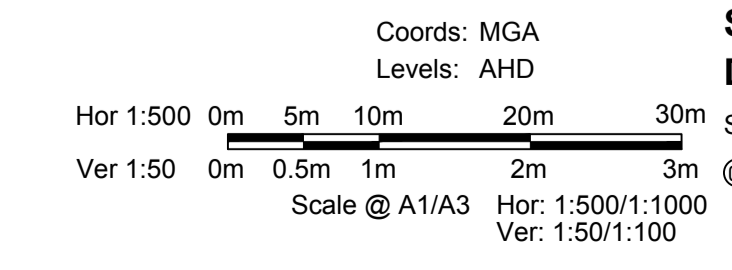
 DENOTES CLASS 2 CRUSHED ROCK BACKFILL



RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 DRAINAGE LONGITUDINAL SECTIONS
SHEET 04 OF 04
 Drawing No. **10924ADR02** Rev 1
 Sheet No. 28 **CONSTRUCTION**



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Coords: MGA
 Levels: AHD
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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.

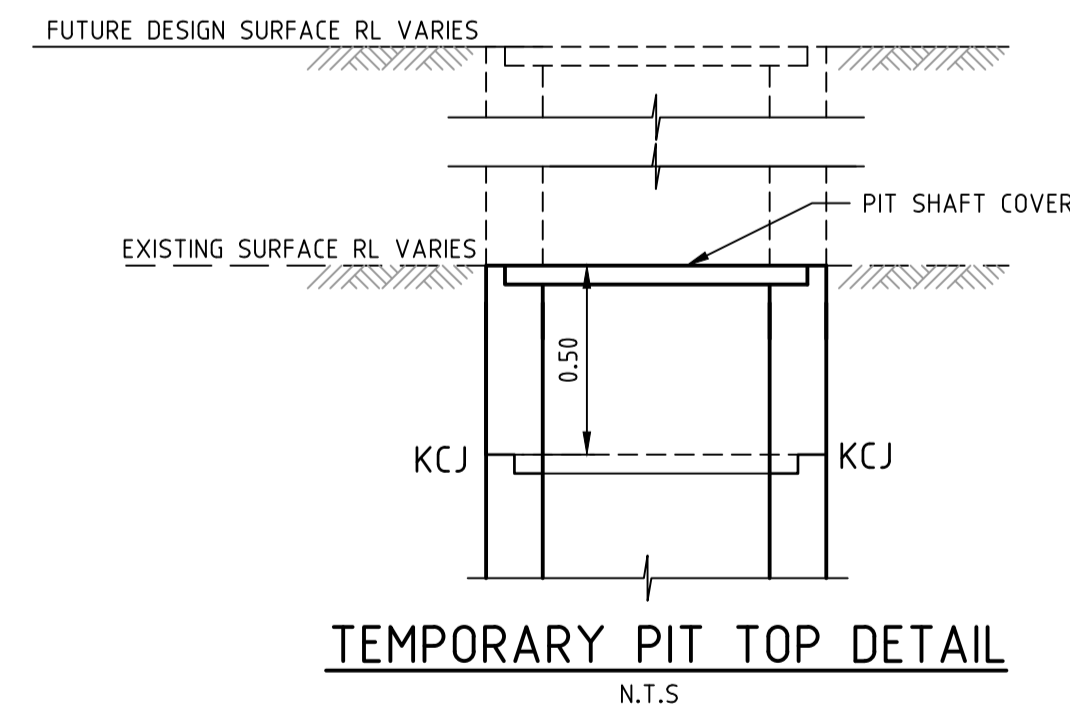
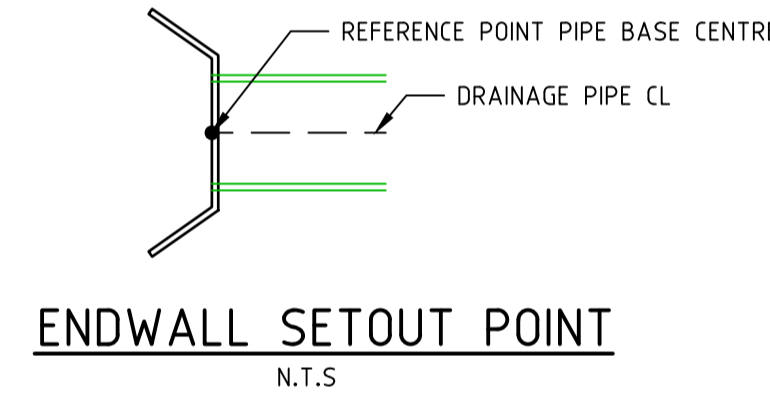
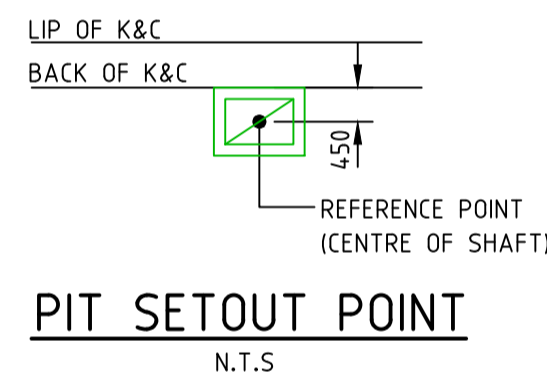
PIT SCHEDULE														
PIT NAME	TYPE	EASTING	NORTHING	INTERNAL		INTERNAL HAUNCHED		INLET		OUTLET		PIT		REMARKS
				WD	LEN	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH	
EX. 660A	GSEP	292462.637	5800351.023	600	900	800	900	300	14.186	525	13.961	15.963	2.002	CONVERT EXISTING JUNCTION PIT TO GRATED SIDE ENTRY PIT AS PER VPA STD DRG EDCM601
								525	13.991					
								300	14.186					
402	GSEP	292438.211	5800353.731	600	900	800	900	525	14.103	525	14.073	16.086	2.013	REFER TO VPA STD DRG EDCM601 AND EDCM607
403	GSEP	292388.906	5800359.231	600	900	1600	900	(2x)375	14.747	525	14.268	16.338	2.07	REFER TO VPA STD DRG EDCM601 AND EDCM607
								300	14.493					
404	GSEP	292336.973	5800365.351	600	900	1200	900	375	14.951	(2x)375	14.921	16.594	1.672	REFER TO VPA STD DRG EDCM601 AND EDCM607
								375	14.951					
404A														
405	GSEP	292332.023	5800355.423	600	900			375	15.018	375	14.988	16.616	1.627	REFER TO VPA STD DRG EDCM601 AND EDCM605
405A														
410	GSEP	292455.580	5800362.016	600	900			300	14.403	300	14.373	16.233	1.86	REFER TO VPA STD DRG EDCM601 AND EDCM605
411	GSEP	292447.430	5800362.921	600	900					300	14.567	16.246	1.679	REFER TO VPA STD DRG EDCM601 AND EDCM605
412	JP	292371.788	5800366.933	600	900			300	14.816	300	14.555	16.525	1.97	REFER TO VPA STD DRG EDCM605
413	GSEP	292366.547	5800377.515	600	900			300	14.964	300	14.934	16.766	1.833	REFER TO VPA STD DRG EDCM601 AND EDCM605
								300	14.964					
414	GSEP	292360.625	5800393.777	600	900					300	15.373	17.268	1.896	REFER TO VPA STD DRG EDCM601 AND EDCM605
415	GP	292297.662	5800368.715	600	900			375	15.113	375	15.083	16.426	1.343	REFER TO VPA STD DRG EDCM605 WITH HEAVY DUTY GRATED BIKE SAFE COVER
425	GSEP	292350.867	5800370.771	600	900					300	15.134	16.523	1.388	REFER TO VPA STD DRG EDCM601 AND EDCM605 WITH HEAVY DUTY PIT LID

NOTES :

- 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 WYNDHAM CC 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:**
- FOR HAUNCHED PIT DETAILS REFER EDM STD. DRGS. 607-608
 - ALL PIT COVERS TO BE 600mmx900mm
 - ALL PIT SETOUT TO CENTRE OF PIT COVER.

KEY:
 JP - JUNCTION PIT
 GSEP - GRATED SIDE ENTRY PIT
 DGSEP - DOUBLE GRATED SIDE ENTRY PIT
 GP - GRATED PIT
 EW - ENDWALL
 EP - END PIPE



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

NOTE:
 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.

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

CONSTRUCTION ISSUE

Drawing File: C:\2019\Projects\Stage 24A\Riverwalk - Stage 24A\Stage 24A\1001.dwg
 Date/Time: Fri Aug 15, 2019 4:12pm --DaltonB--

REV	AMENDMENTS	DATE	APP'D.
1	COUNCIL COMMENTS (07/08/19)	15/08/19	TL
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

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

Scale @ A1/A3 NTS

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 PIT SCHEDULE

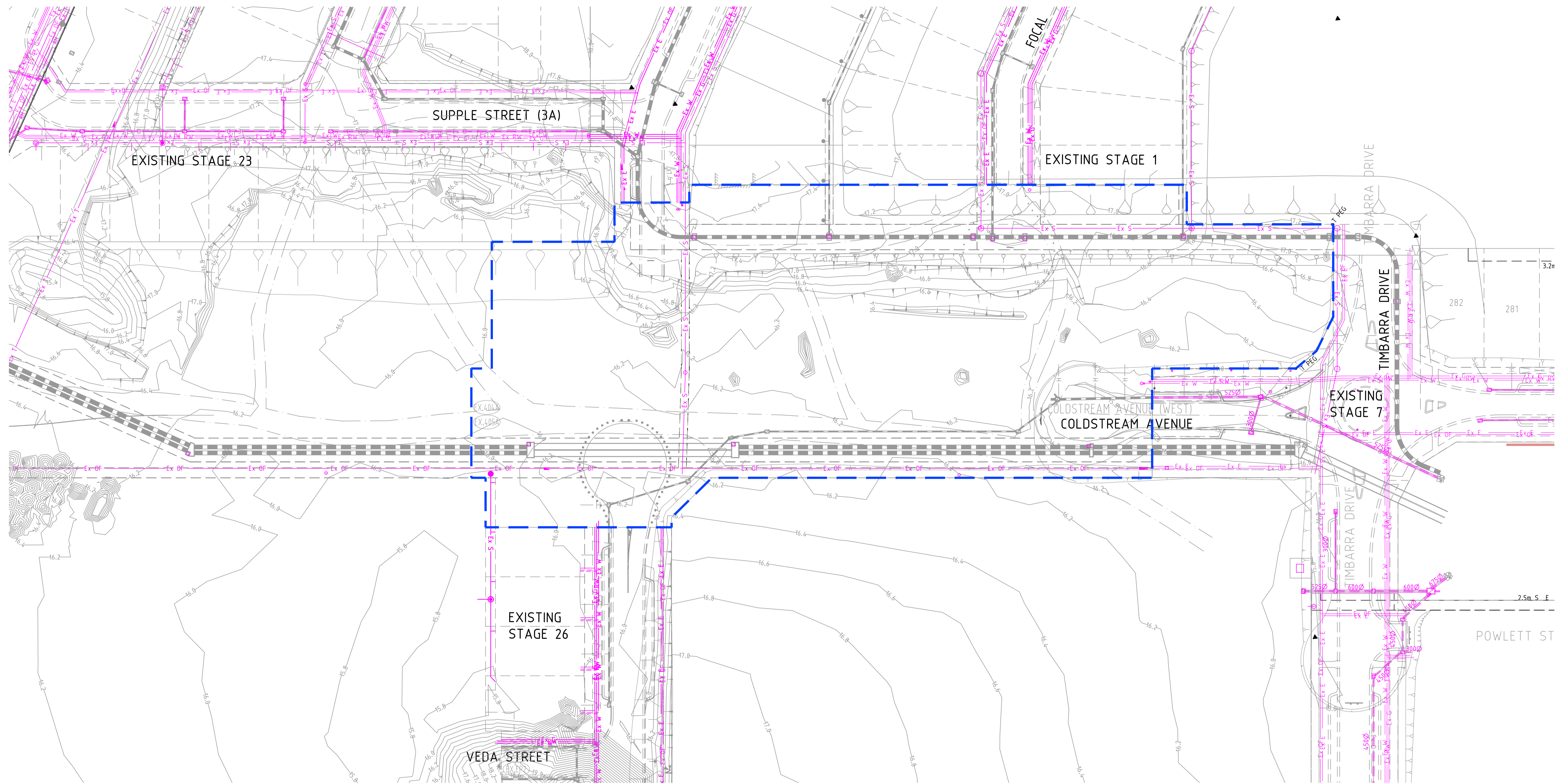
Drawing No. 10924ADR03 Rev 1
 Sheet No. 29 **CONSTRUCTION**

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Drawing File: C:\123_Survey\pda\SWMER6-MEL\1024-Riverwalk - Stage 24_742_Stage 24M(01)
 Drawing Date: 28/06/19
 Date/Time: Fri Aug 16, 2019 - 4:12pm --Dalton@dc--



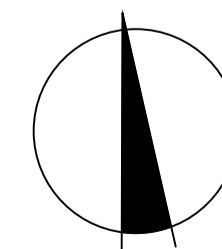
REV	AMENDMENTS	DATE	APP'D.
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

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.

- LEGEND**
- Ex W EXISTING WATER MAIN
 - Ex G EXISTING GAS MAIN
 - Ex E EXISTING ELECTRICAL CABLE
 - Ex S EXISTING SEWER MAIN & MANHOLE
 - Ex T EXISTING TELECOMM. CABLE AND PIT
 - Ex P EXISTING ELEC. POLE & O'HEAD LINES
 - EXISTING STORMWATER DRAIN & PIT
 - EXISTING TREES
 - EXISTING TREES REMOVED AS PART OF PREVIOUS STAGE OR BULK EARTHWORKS
 - EXISTING TREES TO BE REMOVED
 - PREVIOUS STAGE SW DRAIN & PIT

CRA SURVEY PTY LTD
 7A/346 BELMORE ROAD
 BALWYN VIC 3103
 PH:03 9890 0933



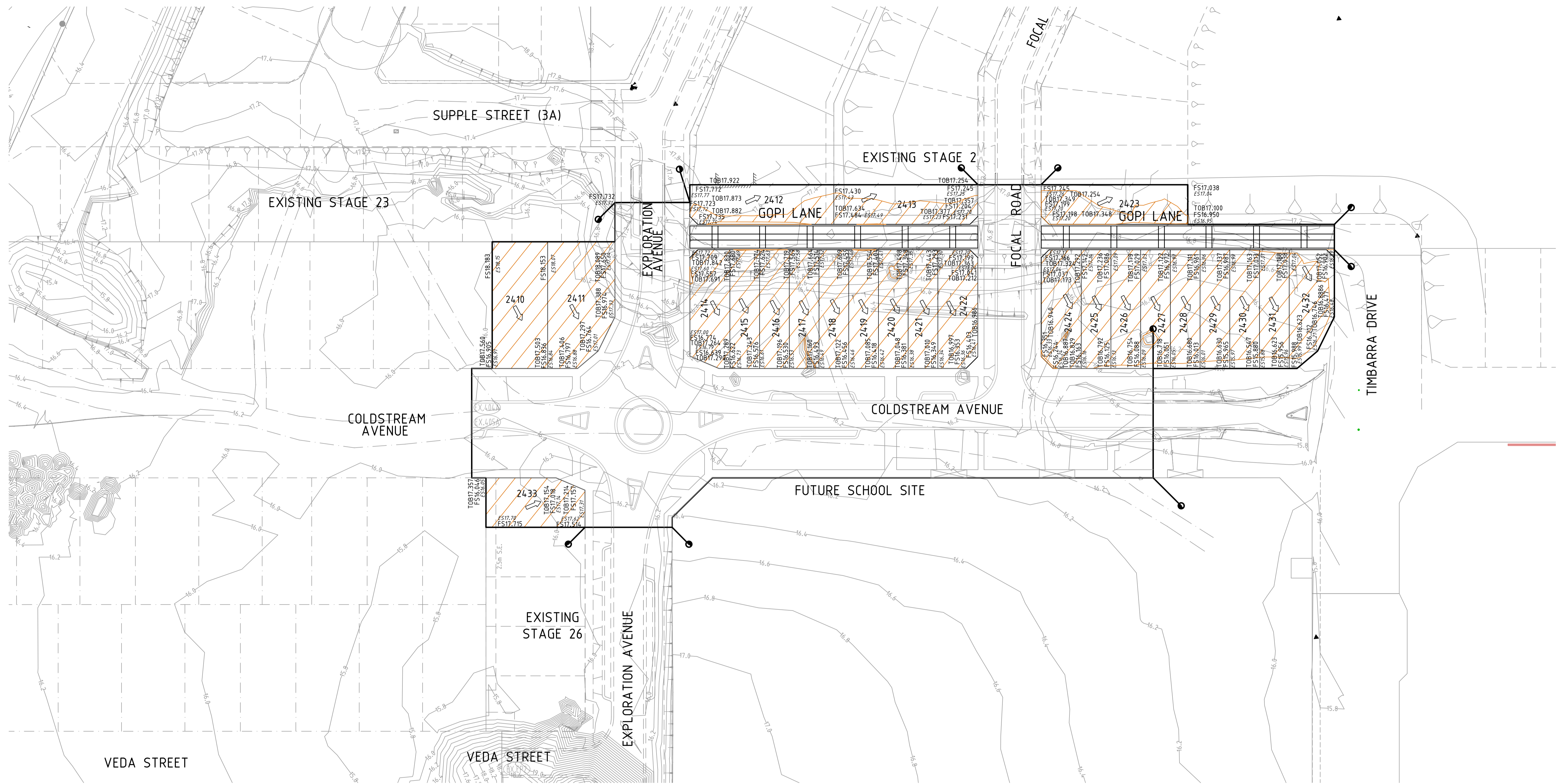
Coords: MGA
 Levels: AHD
 Hor 1:500 0m 5m 10m 20m 30m
 Scale @ A1/A3 1:500/1:1000

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 EXISTING FEATURES PLAN
 SHEET 01 OF 02
 Drawing No. 10924AEF01 Rev 0
 Sheet No. 30 **CONSTRUCTION**
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CONSTRUCTION ISSUE

Drawing File: C:\Users\jordan\Documents\10924-Riverwalk - Stage 24A - Stage 24A (10) -
 Date/Time: Fri Aug 15, 2019 - 4:13pm --DaltonB--

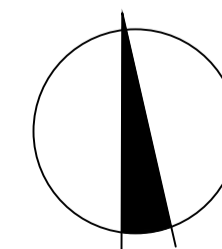


CONSTRUCTION ISSUE

REV	AMENDMENTS	DATE	APPD.
1	COUNCIL COMMENTS (10/07/19)	15/07/19	TL
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961205
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

- LEGEND**
- ES199.310 EXISTING SURFACE LEVEL
 - FS198.950 FINISHED SURFACE LEVEL
 - TOB199.240 TOP OF BATTER LEVEL
 - TOP OF BATTER
 - FILLING OVER 200mm



Coords: MGA
 Levels: AHD
 Hor 1:500 0m 5m 10m 20m 30m
 Scale @ A1/A3 1:500/1:1000

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 FILL PLAN
SHEET 01 OF 02
 Drawing No. 10924AFP01 Rev 1
 Sheet No. 31 **CONSTRUCTION**
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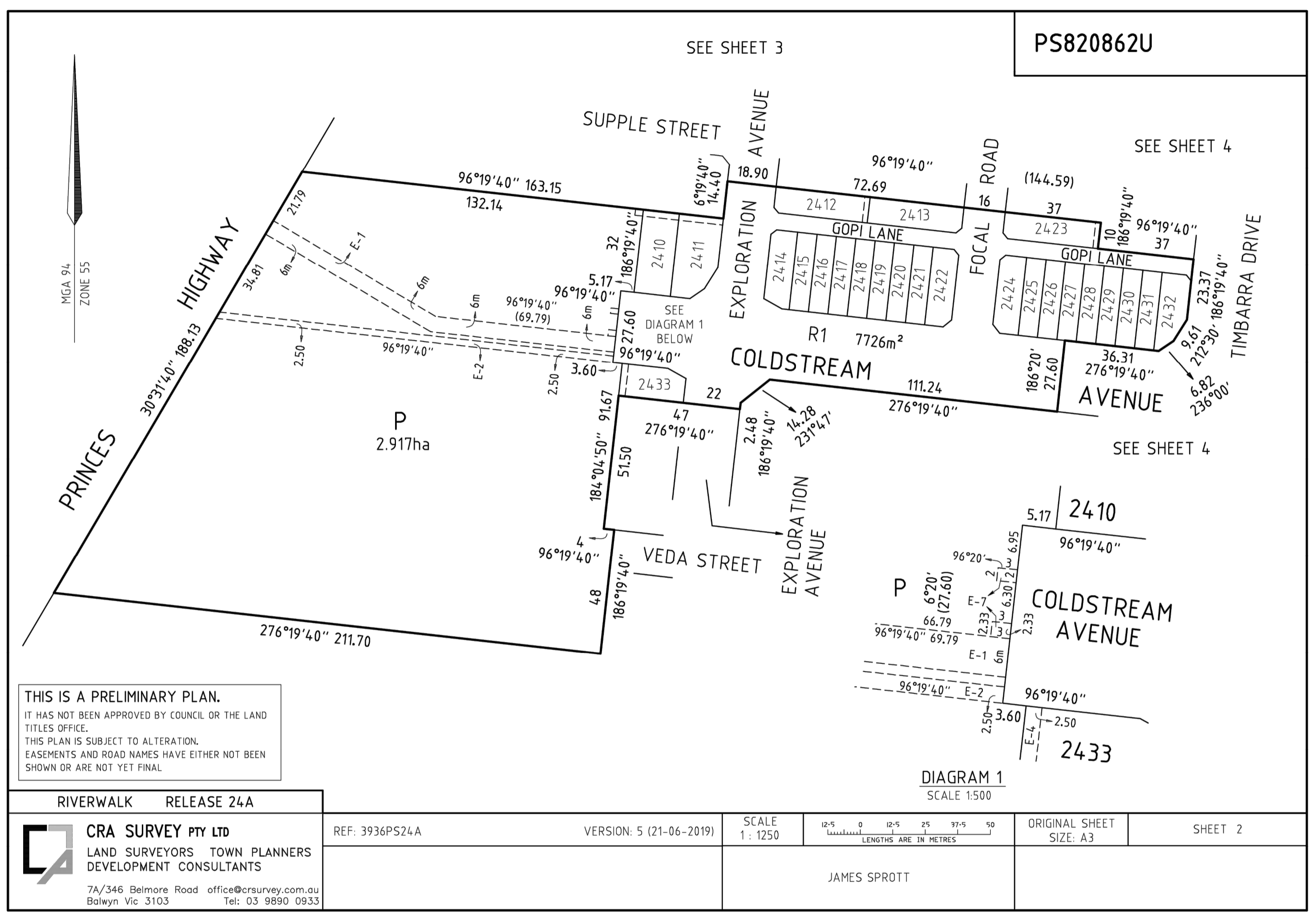


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Drawing File: C:\24_Survey\Jobs\SWMER6-MEL\10924-Riverwalk - Stage 24A_T42_Stage 24A\10924-Riverwalk - Stage 24A_T42_Stage 24A.dwg
 Date/Time: Fri Aug 15, 2019 4:13pm --D:\b0rbf--

PLAN OF SUBDIVISION		EDITION 1	PS820862U				
LOCATION OF LAND PARISH: MAMBOURIN CROWN ALLOTMENT: H (PART) SECTION 7 CROWN ALLOTMENT: 8 (PART) SECTION 8 TITLE REFERENCE: VOL FOL LAST PLAN REF: LOT M ON PS820861W POSTAL ADDRESS: CNR PRINCES HIGHWAY & MALTBY BYPASS (at time of subdivision) WERRIBEE MGA 94 CO-ORDINATES: E 292 315 ZONE 55 (of approx centre of land in plan) N 5 800 360 GDA 94		COUNCIL NAME: WYNDHAM CITY COUNCIL <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>THIS IS A PRELIMINARY PLAN. IT HAS NOT BEEN APPROVED BY COUNCIL OR THE LAND TITLES OFFICE. THIS PLAN IS SUBJECT TO ALTERATION. EASEMENTS AND ROAD NAMES HAVE EITHER NOT BEEN SHOWN OR ARE NOT YET FINAL.</p> </div>					
VESTING OF ROADS OR RESERVES		NOTATIONS					
IDENTIFIER	COUNCIL/BODY/PERSON	OTHER PURPOSE OF PLAN: TO REMOVE EASEMENTS E-2 (PART), E-6, E-7, E-8 & E-18 (SEWERAGE) ON PS820861W AND CREATED IN PS6368385 AND AFFECTING ROAD R1 ON THIS PLAN. TO REMOVE EASEMENTS E-17 (PART) & E-18 (DRAINAGE) ON PS820861W AND CREATED IN INST. AL917167H AND AFFECTING ROAD R1 ON THIS PLAN. TO REMOVE EASEMENTS E-20, E-21, E-22, E-23, E-25 & E-26 CREATED ON PS820861W AND AFFECTING ROAD R1 ON THIS PLAN. GROUNDS FOR EASEMENT REMOVAL: BY AGREEMENT OF ALL INTERESTED PARTIES UNDER SECTION 6(1)(k) OF THE SUBDIVISION ACT 1988					
ROAD R1	WYNDHAM CITY COUNCIL						
NOTATIONS		TO REMOVE EASEMENTS E-20, E-21, E-22, E-23, E-25 & E-26 CREATED ON PS820861W AND AFFECTING ROAD R1 ON THIS PLAN. GROUNDS FOR EASEMENT REMOVAL: BY AGREEMENT OF ALL INTERESTED PARTIES UNDER SECTION 6(1)(k) OF THE SUBDIVISION ACT 1988					
DEPTH LIMITATION: 15m APPLIES TO VOL 11416 FOL 247 SURVEY: THIS PLAN IS BASED ON SURVEY STAGING: THIS IS NOT A STAGED SUBDIVISION PLANNING PERMIT NO: THIS SURVEY HAS BEEN CONNECTED TO PERMANENT MARKS: IN PROCLAIMED SURVEY AREA NUMBER:		<table border="1"> <tr> <td>RIVERWALK</td> <td>RELEASE 24A</td> </tr> <tr> <td>No. of Lots: 24 (excluding Lot P)</td> <td>Release 24A Land Area: 1.428ha</td> </tr> </table>		RIVERWALK	RELEASE 24A	No. of Lots: 24 (excluding Lot P)	Release 24A Land Area: 1.428ha
RIVERWALK	RELEASE 24A						
No. of Lots: 24 (excluding Lot P)	Release 24A Land Area: 1.428ha						
EASEMENT INFORMATION							
LEGEND: A - APPURTENANT EASEMENT E - ENCUMBERING EASEMENT R - ENCUMBERING EASEMENT (ROAD)							
EASEMENT REFERENCE	PURPOSE	WIDTH (METRES)	ORIGIN	LAND BENEFITED/IN FAVOUR OF			
E-1	DRAINAGE	6	INST. AL917167H	MELBOURNE WATER CORPORATION			
E-2	SEWERAGE	2	PS6368385	CITY WEST WATER CORPORATION			
E-3	SEWERAGE	2.50	THIS PLAN	CITY WEST WATER CORPORATION			
E-4	SEWERAGE	2.50	PS820860Y	CITY WEST WATER CORPORATION			
E-5	DRAINAGE	2	PS641301K	WYNDHAM CITY COUNCIL			
E-6	DRAINAGE	2	PS6368385	WYNDHAM CITY COUNCIL			
E-7	DRAINAGE	SEE PLAN	THIS PLAN	WYNDHAM CITY COUNCIL			
CRA SURVEY PTY LTD LAND SURVEYORS TOWN PLANNERS DEVELOPMENT CONSULTANTS 7A/346 Belmore Road office@craurvey.com.au Balwyn Vic 3103 Tel: 03 9890 0933		REF: 3936PS24A	VERSION: 5 (21-06-2019)	ORIGINAL SHEET SIZE: A3	SHEET 1 OF 5		

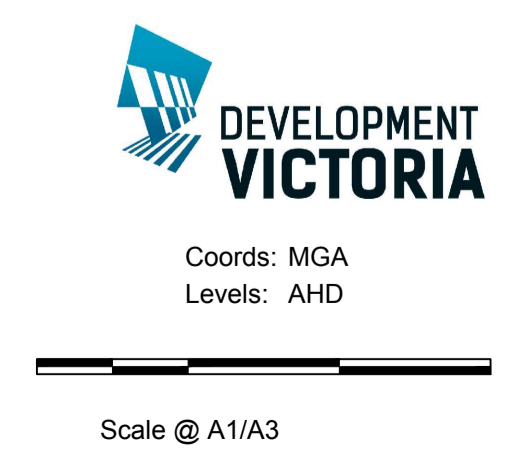


CONSTRUCTION ISSUE

1	COUNCIL COMMENTS (10/07/19)	15/07/19	TL
0	ISSUED FOR CONSTRUCTION	28/06/19	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961196
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

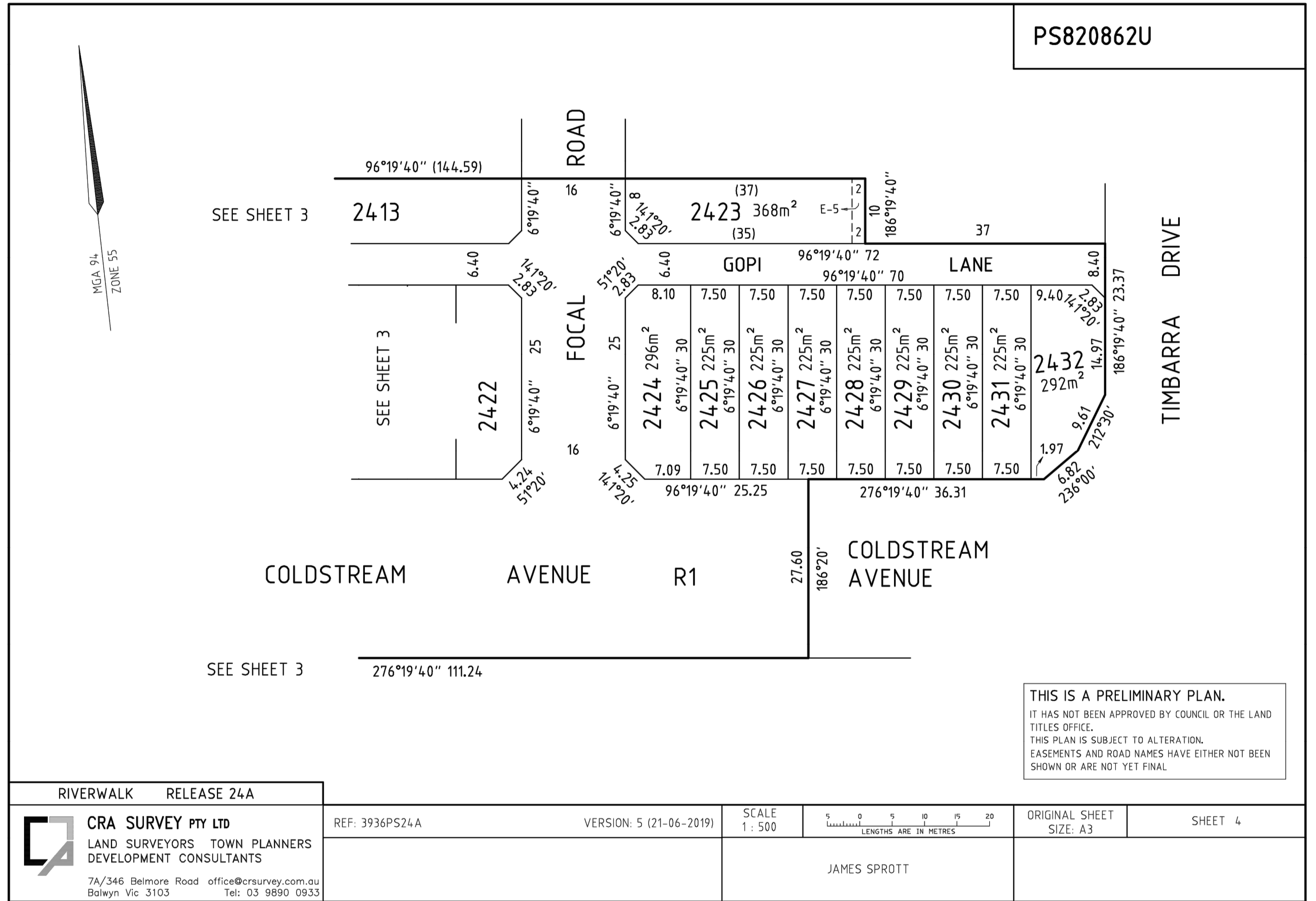
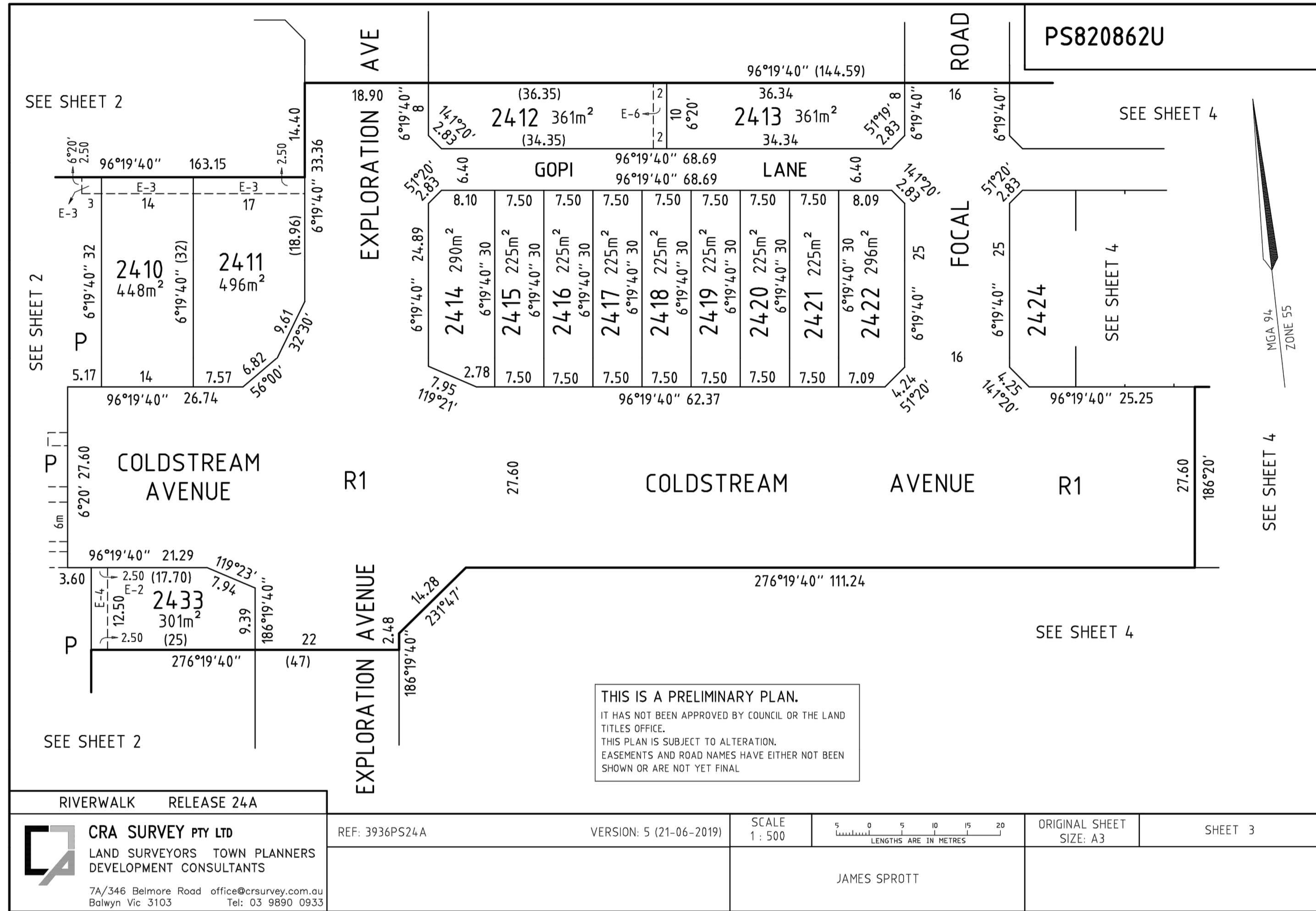
Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.



RIVERWALK
STAGE 24A
GEELONG ROAD, WERRIBEE
PLAN OF SUBDIVISION
SHEET 01 OF 03
Drawing No. 10924APOS01 Rev 1
 Sheet No. 32 **CONSTRUCTION**
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Drawing File: C:\24_Springs\2401\SWMER01-MEL\10924-Riverwalk - Stage 24A_742_Stage 24A\010
 Date: 15/07/2019 15:41:33m --D:\barrb--



CONSTRUCTION ISSUE

REV	AMENDMENTS	DATE	APPD.
1	COUNCIL COMMENTS (10/07/19)	15/07/19	TL
0	ISSUED FOR CONSTRUCTION	28/06/19	TL

Drawn R.YOUNG
 Date 31/07/18
 AN 1991111
 Designed C.LOWE
 Date 13/09/18
 AN 1961196
 Verified R.MONKHOUSE
 Date 24/09/18
 AN 644589
 Approved T.LIAKOPOULOS
 Date 01/10/18
 AN 888446

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
 Scale @ A1/A3

RIVERWALK
 STAGE 24A
 GEELONG ROAD, WERRIBEE
 PLAN OF SUBDIVISION
 SHEET 02 OF 03
 Drawing No. 10924APOS02 Rev 1
 Sheet No. 33 **CONSTRUCTION**
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CREATION OF RESTRICTION "A"
LAND BURDENED AND LAND BENEFITED: REFER TO TABLE 1

DESCRIPTION OF RESTRICTION
The registered proprietor or proprietors for the time being of any burdened lot on this plan to which this restriction applies shall not build or permit to be built or remain on the lot any building other than a building which has been constructed in accordance with endorsed memorandum of common provisions registered in dealing no _____ which memorandum of common provisions is incorporated into this plan.
This restriction shall cease to have affect 10 years after the date of registration of this plan.

CREATION OF RESTRICTION "B"
LAND BURDENED AND LAND BENEFITED: REFER TO TABLE 1


DESCRIPTION OF RESTRICTION
The registered proprietor or proprietors for the time being of any burdened lot must not:
B1 build or erect or permit to be built or erected or remain on the burdened lot or any part of it, any building or structure other than a building or structure which has been constructed in accordance with plans, drawings, designs and specifications which have first been approved in writing by Development Victoria ABN 61 868 774 623 in accordance with Development Victoria's Riverwalk Design Requirements and Controls as amended from time to time;
B2 erect or allow any signs to remain on the burdened lot other than the following:
B2.1 where a dwelling constructed on the burdened lot has been completed and is offered for sale (but not if the burdened lot remains vacant or the dwelling is partly completed and is offered for sale) any real estate agent's "for sale" sign not exceeding 2.4 metres x 1.8 metres; or
B2.2 during the period of construction of a dwelling on the burdened lot signs of builders and tradespersons who are carrying out construction work on the burdened lot;
B3 use the burdened lot or any part of it as a display home except with Development Victoria's prior written consent.

Restriction B shall cease to have affect 10 years after the date of registration of this plan.

TABLE 1
LAND BURDENED AND LAND BENEFITED – REFER RESTRICTIONS "A" AND "B"

BURDENED LOT No		BENEFITING LOTS	
2410	2411	2422	2421
2411	2410	2423	2424, 2425, 2426, 2427
2412	2413	2424	2425
2413	2412	2425	2424, 2426
2414	2415	2426	2425, 2427
2415	2414, 2416	2427	2426, 2428
2416	2415, 2417	2428	2427, 2429
2417	2416, 2418	2429	2428, 2430
2418	2417, 2419	2430	2429, 2431
2419	2418, 2420	2431	2430, 2432
2420	2419, 2421	2432	2431
2421	2420, 2422	2433	2410

THIS IS A PRELIMINARY PLAN.
IT HAS NOT BEEN APPROVED BY COUNCIL OR THE LAND TITLES OFFICE.
THIS PLAN IS SUBJECT TO ALTERATION.

RIVERWALK RELEASE 24A		REF: 3936PS24A	VERSION: 5 (21-06-2019)	ORIGINAL SHEET SIZE: A3	SHEET 5
	CRA SURVEY PTY LTD LAND SURVEYORS TOWN PLANNERS DEVELOPMENT CONSULTANTS 7A/346 Belmore Road office@craurvey.com.au Belwyn Vic 3103 Tel: 03 9890 0933	JAMES SPROTT			

CONSTRUCTION ISSUE

Drawing File: C:\24_Survey\Jobs\SWMER6-MEL\1024-Riverwalk - Stage 24A\24A_Stage 24A\030 - 24A_Stage 24A.dwg
Date/Time: Fri Aug 16, 2019 - 4:13pm --DaltonB--

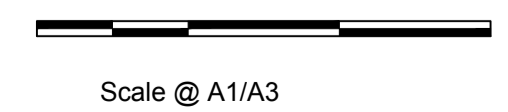
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Levels: AHD



Scale @ A1/A3

RIVERWALK
STAGE 24A
GEELONG ROAD, WERRIBEE
PLAN OF SUBDIVISION
SHEET 03 OF 03
Drawing No. 10924APOS03 Rev 1
Sheet No. 34 **CONSTRUCTION**
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