

# RIVERWALK

## STAGE 45

### GEELONG ROAD, WERRIBEE WYNDHAM CITY COUNCIL

FOR



## CIVIL DRAWINGS ROADS AND DRAINAGE

DCE REF: 10945  
MELWAY REF: 205 G10

**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 THE CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, THE CURRENT EDM & LOCAL COUNCIL SPECIFICATION AND STANDARD DRAWINGS, AND TO THE SATISFACTION OF THE SUPERINTENDENT AND THE COUNCIL'S SUPERVISING OFFICER.
- THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF WORK ON SITE IN ACCORDANCE WITH APPROPRIATE LEGISLATION. THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS.
- THE CONTRACTOR SHALL:
  - COMPLY WITH THE SAFETY REQUIREMENTS OF THE MINES ACT, GENERAL REGULATIONS AND STATUTORY RULES, AND THE MINES (TRENCHES) REGULATIONS 1982.
  - NOTIFY THE OCCUPATIONAL HEALTH AND SAFETY AUTHORITY OF THEIR INTENTION TO COMMENCE TRENCHING OPERATIONS WHERE TRENCHES ARE 1.5 METRES OR DEEPER.
  - ENSURE THAT THE MINE MANAGER OR THEIR DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE WHEN TRENCHING OPERATIONS ARE IN PROGRESS.
- 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 CONSTRUCTION.
- 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 LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL RELEVANT SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- 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 COUNCIL'S SUPERVISING OFFICER AND REMOVED FROM THE SITE PRIOR TO THE COMMENCEMENT OF WORKS.
- NO EXCAVATION SHALL BE CARRIED OUT WITHIN 5M OF ANY EXISTING TREE UNTIL APPROVAL HAS BEEN GIVEN BY COUNCIL'S SUPERVISING OFFICER.
- 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 2017 & COMMONWEALTH OHS CODE OF PRACTICE 2015.
- 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 REINSTATED TO THE SATISFACTION OF THE COUNCIL ENGINEER AT THE CONTRACTORS COST.
- ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS SHOWN ON PLAN OR WRITTEN DIRECTION FROM THE SUPERINTENDENT ON SITE. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.
- ALL DISTURBED SURFACES SHOULD BE OVER EXCAVATED BY 150mm, TOP SOILED WITH MINIMUM 150mm OF LOCAL TOP SOIL AS PER EDM REQUIREMENTS.
- 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 MPA AND LOCAL COUNCIL GUIDELINES.
- ALL EXCAVATED OR FILLED AREAS OUTSIDE THE ROAD RESERVES SHALL BE SURFACED WITH A 100MM MINIMUM TO 200MM MAXIMUM LAYER OF TOPSOIL AS SPECIFIED. ALL FILLING ON ALLOTMENTS TO BE COMPACTED TO 95% STANDARD COMPACTION IN 150MM LAYERS AND AS PER THE SPECIFICATION. WHERE THERE IS FILL IN EXCESS OF 300MM IN DEPTH, THE CONTRACTOR IS TO CARRY OUT SOIL TESTS TO THE REQUIREMENTS OF APPENDIX B AS SPECIFIED IN THE AUSTRALIAN STANDARD AS 3798 TO SHOW THAT LEVEL 1 COMPACTION STANDARDS HAVE BEEN ACHIEVED. TEST RESULTS AND LOCATION OF TESTS FOR EACH ALLOTMENT SHALL BE APPROVED BY THE CONTRACTOR AND FORWARDED TO COUNCIL.
- FILL MATERIAL USED UNDER PAVEMENTS AND FOOTPATHS MUST BE AN APPROVED MATERIAL TO THE STANDARD OF LOCAL COUNCIL. ALL SUCH MATERIAL IS TO BE COMPACTED AS PER THE REQUIREMENTS OF THE SPECIFICATION APPROVED WITH THESE DRAWINGS PRIOR TO FORMWORK BEING PLACED. COMPACTION TESTS TO BE COMPLETED AND PROVIDED TO SUPERINTENDENT.
- 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.
- THE CONTRACTOR WHEN ENGAGED IN BLASTING OPERATION, SHALL NOT BLAST WITHIN 4.5M OF AN EXISTING LINE OF WATER, GAS OR SEWER PIPES OR WITHIN 15M OF ANY COMPLETED PART OF THE WORKS WITHOUT THE CONSENT OF THE ENGINEER.
- ALL ALLOTMENTS SHALL BE SMOOTHED, GRADED AND SHAPED TO AN EVEN SURFACE WITH A MINIMUM FALL OF 1 IN 150 FILL AND OUT TO THE DRAINAGE OUTLET SHOWN UNLESS OTHERWISE STATED.
- ALL FILL AND CUT BATTERS SHALL BE 1 IN 6 MAX, 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 SM2 OR 600B2 KERB AND CHANNEL ARE TO BE USED THROUGHOUT THE SUBDIVISION. WHERE OTHER KERB TYPES ARE REQUIRED THEY ARE SPECIFICALLY SHOWN ON THE DRAWINGS. ALL KERB PROFILES IN ACCORDANCE WITH EDM 301 AND 302.
- FOOTPATHS TO BE OFFSET 50mm FROM THE TITLE BOUNDARIES.
- ALL FOOTPATHS AND SHARED PATH/BICYCLE PATHS TO BE CONSTRUCTED AS PER EDM STANDARD DRAWING 401 TO 403 AND LOCAL COUNCIL SPECIFICATIONS.
- VEHICULAR CROSSINGS OF THE TYPE INDICATED ARE TO BE OFFSET FROM THE LOT BOUNDARY OR EASEMENT IN ACCORDANCE WITH EDM 501, 502 OR 503, UNLESS OTHERWISE SHOWN.
- PROVIDE LAYBACKS IN KERB TO ALL PRAM CROSSINGS IN ACCORDANCE WITH EDM 403.
 

ASPHALT FILLETS/ RAMP ARE TO BE PROVIDED ON THE BASE COURSE ASPHALT TO REMOVE TRIPS AT ALL PEDESTRIAN CROSSING LOCATIONS.
- ALL LINE MARKING, SIGNAGE AND TRAFFIC CONTROL DEVICES 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.
- CENTRELINES OF ALL SEWERS WITHIN EASEMENTS ARE OFFSET FROM THE PROPERTY LINE IN ACCORDANCE WITH CURRENT MRWA VERSION WSA 02.2014, UNLESS OTHERWISE SHOWN.
- CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 1.0m OR 2.2m FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN.
- ALL STORMWATER DRAINS ARE CLASS '2' RCP PIPES, RUBBER RING JOINTED UNLESS OTHERWISE SHOWN. ALL RC PIPES UP TO AND INCLUDING 750mm DIA. ARE TO BE RUBBER RING JOINTED, INTERLOCKING / FLUSH JOINTS WITH EXTERNAL BANDS CAN BE USED ON PIPES OVER 750mm DIA.
- WHERE CURVED PIPES ARE SHOWN ON THE FACE PLANS THEY ARE TO BE LAID PARALLEL TO THE BACK OF KERB, EXCEPT WHERE A RADIUS HAS BEEN SPECIFICALLY NOMINATED. ALL DRAINS BEHIND KERBS ARE TO BE LAID AT THE OFFSET SPECIFIED IN THE COUNCIL SPECIFICATION. CURVED PIPES OF DIAMETER LESS THAN 600mm ON LARGE RADIUS CURVES ARE APPROVED BY COUNCIL SUBJECT TO COMPLIANCE WITH MANUFACTURER'S SPECIFICATION.
- ALL PIPE AND SERVICE TRENCHES THAT EXTEND UNDER ROADWAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK.
 

ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND PARKING BAYS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
- A.G. DRAIN TO BE LAID UNDER ALL KERB & CHANNEL AT THE DEEPER OF 750mm BELOW KERB OR TO THE BOTTOM OF THE SUBBASE LAYER, IN ACCORDANCE WITH EDM STANDARD DRAWING 202 AND GEOTECHNICAL REPORT G2025.1AA (DRAFT) PROVIDED BY GROUND SCIENCE.
- PROPERTY INLETS ARE TO BE PLACED 1.0m FROM LOW CORNERS OF ALLOTMENTS UNLESS OTHERWISE SHOWN. ALL INLETS TO BE IN ACCORDANCE WITH EDM 701, 702, 703 AND 704.
- 100mm DIA. HOUSE DRAINS IN STREETS TO BE PLACED 6.0m FROM LOW CORNERS UNLESS OTHERWISE SHOWN.
- POSITION CONDUITS SO THAT A MINIMUM DISTANCE BETWEEN TAPPINGS IS 1.0m. CONDUITS NOT TO BE LOCATED WITHIN 4.0m OF ALLOTMENT BOUNDARY, UNLESS OTHERWISE SHOWN.
- CONDUIT LOCATIONS ARE SUBJECT TO AMENDMENT AND CONDUITS SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT. BOTH KERBS ARE TO BE MARKED WITH THE LETTERS E.G.H.R.&W ABOVE CONDUIT LOCATIONS AS SPECIFIED. RESPECTIVE LETTERS TO BE INDICATED ABOVE RELEVANT CONDUITS AS PER STANDARD DRAWING EDM 303. CONDUITS TO BE PLACED MINIMUM OF 5M FROM BOUNDARIES WHERE POSSIBLE AND TO THE SATISFACTION OF THE SUPERINTENDENT IN ACCORDANCE WITH COUNCIL STANDARD DRAWINGS.
- GAS & WATER CONDUITS TO BE CONSTRUCTED AS PER WSA 03-2011-3.1 (MRWA) EDITION VERSION 2 MRWA-W-110.
- ELECTRICITY CONDUITS ARE TO BE LAID IN ACCORDANCE WITH AUTHORITY REQUIREMENTS.
- INSTALL BLUE RAISED REFLECTIVE PAVEMENT MARKER (BRPPM) ON ROAD CENTRELINE AND 'GROUND BALL' MARKER POST TO INDICATE LOCATION OF FIREPLUG.
- THE CONTRACTOR IS TO ENSURE THAT THEIR CONSTRUCTION PROCEDURES AND STANDARDS CONTROL THE VOLUME AND LOCATION FOR COLLECTION OF SEDIMENT RUNOFF ACCORDING TO CURRENT EPA-ENVIRONMENTAL GUIDELINES FOR MAJOR CONSTRUCTION SITES.
- UPON COMPLETION OF CONSTRUCTION THE WHOLE SITE SHALL BE CLEANED UP, GRADED AND ALL RUBBISH REMOVED. THE SITE IS TO BE LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT.
- EXISTING PAVEMENT OR DRAINAGE WORKS DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE COUNCIL ENGINEER.

**REINFORCED CONCRETE PIPE**

- ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECT 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.

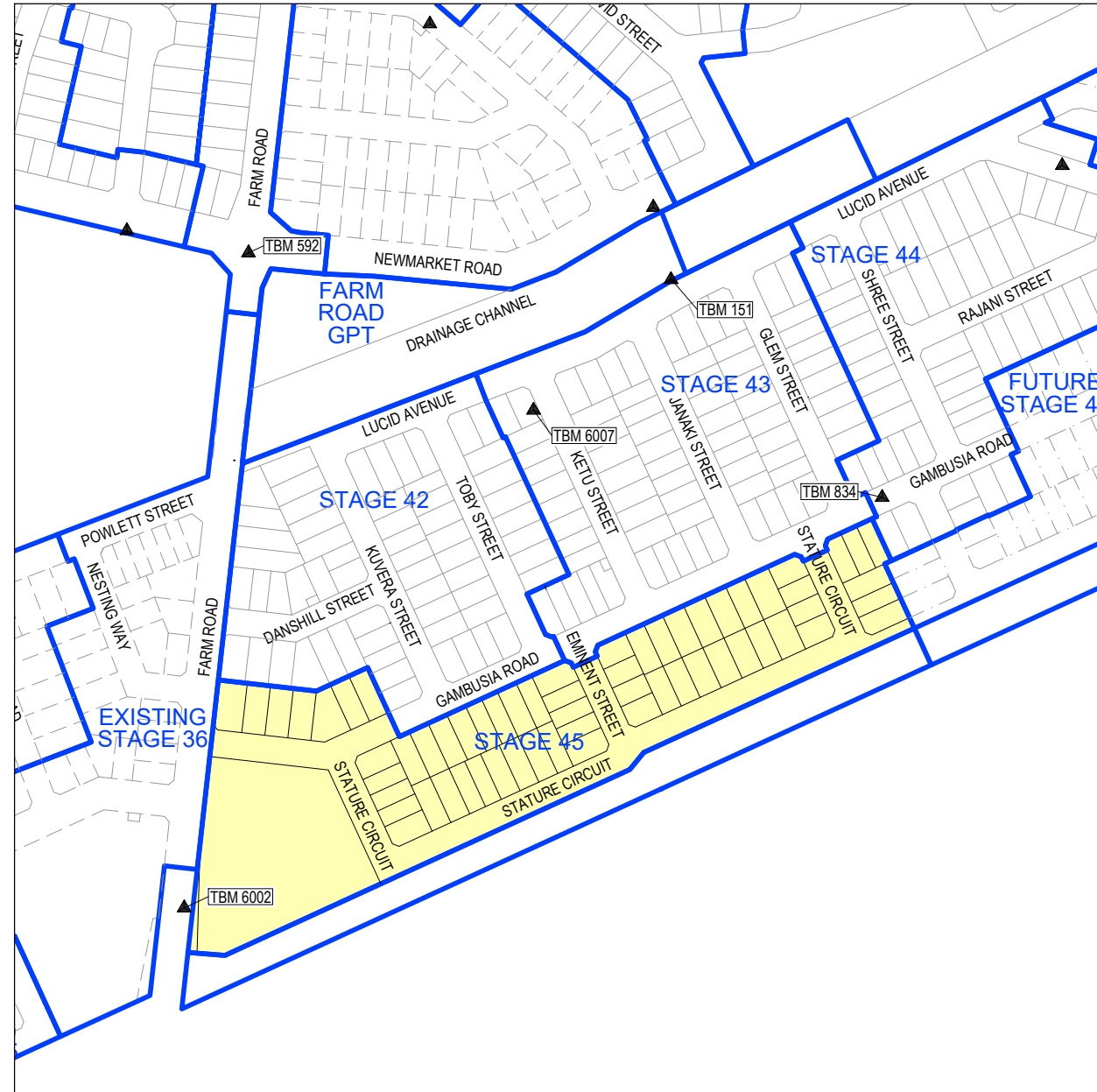
**DRAWING INDEX**

SHEET No.	DWG No.	DESCRIPTION
01	10945TD01	NOTES, TBM & LOCALITY PLAN AND DRAWING INDEX
02	10945TD02	TYPICAL SECTIONS
03	10945TD03	PAVEMENT DETAILS
04-05	10945DP01-02	DETAIL PLAN, SHEETS 01 TO 02
06-07	10945D01-02	INTERSECTION DETAILS, SHEETS 01 TO 02
08-09	10945LM01-02	SIGNAGE AND LINEMARKING PLAN, SHEETS 01 TO 02
10-12	10945LS01-03	LONGITUDINAL SECTIONS, SHEETS 01 TO 03
13-22	10945XS01-10	CROSS SECTIONS, SHEETS 01 TO 10
23-25	10945DR01-03	DRAINAGE LONGITUDINAL SECTIONS, SHEETS 01 TO 03
26	10945PT01	PIT SCHEDULE
27-28	10945EW01-02	EARTHWORKS PLAN, SHEETS 01 TO 02

**TBM SCHEDULE**

I.D.	TYPE	EASTING	NORTHING	LEVEL
151	RIVET	293447.170	5800511.662	17.14
592	RIVET	293191.811	5800527.867	17.88
834	SPIKE	293574.823	5800380.139	16.73
6002	ROD	293152.965	5800132.136	19.94

**NOTE: TBMS**  
TBMS SHOWN IN THE TABLE ABOVE ARE OUTSIDE OF THE SCOPE OF THIS DRAWING. REFER TO SHEET 01 FOR LOCATION OF TBMS IN RELATION TO STAGE 45 WORKS.



**TBM & LOCALITY PLAN**

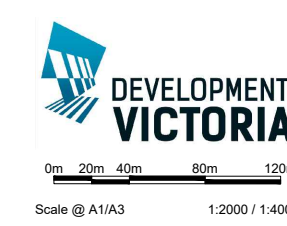
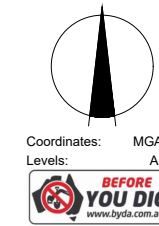
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REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn	P. BOTROS
Date	03/11/23
AN	3161090
Designed	I. HUANG
Date	03/11/23
AN	4121017
Checked	S. RAJKOVIC
Date	02/02/23
AN	2951106
Reg. Eng.	K. PAGE
Date	28/01/25
Reg. No.	PE0007400

**LEGEND**

- STAGE BOUNDARY
- CURRENT STAGE



**RIVERWALK**  
STAGE 45  
GEELONG ROAD, WERRIBEE  
WYNDHAM CITY COUNCIL  
NOTES, TBM & LOCALITY PLAN AND DRAWING INDEX  
Drawing No: 10945TD01  
Revision: AC1  
Sheet No: 01 of 28

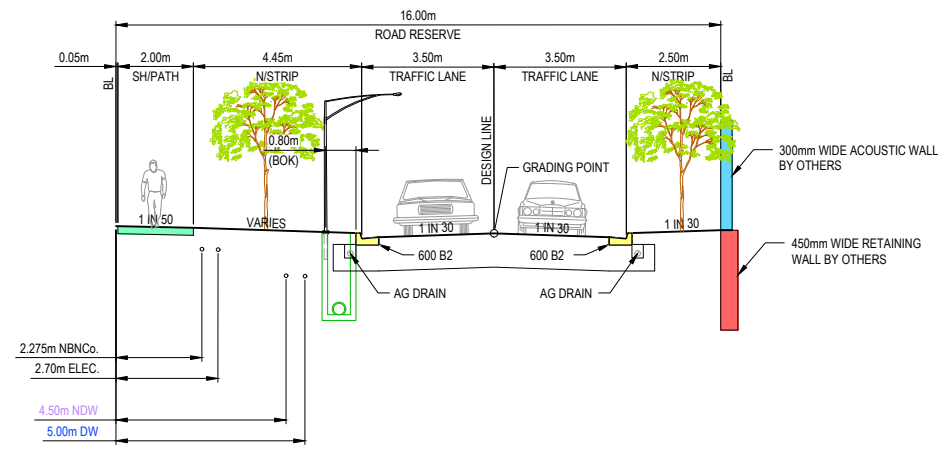
**DALTON CONSULTING ENGINEERS**  
melbourne wurundjeri geelong wadawurrung briarbare deeng.com.au  
T +61 3 9813 7400  
T +61 3 5246 1700  
T +61 7 3374 9000  
E info@dceng.com.au

**AS CONSTRUCTED**

TABLE OF SERVICE LOCATIONS

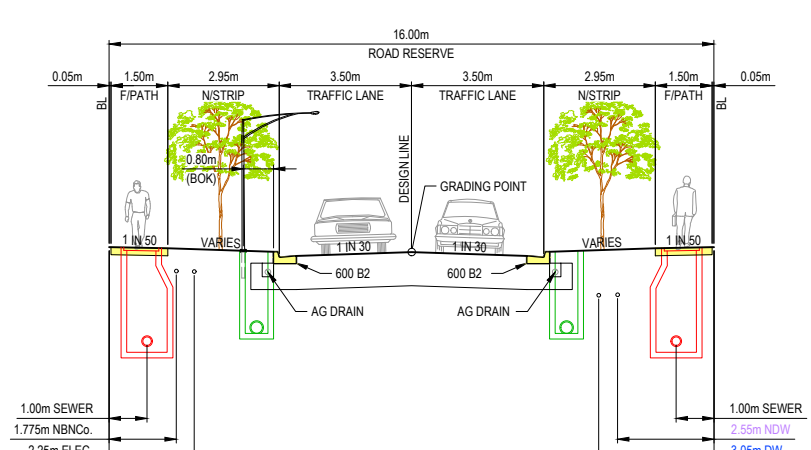
STREET NAME	SEW	GAS	DW	NDW	COMS	ELEC	POLES	TREES	BOK
GAMBUSIA ROAD (LOT 4501-4504)	-	-	3.05 N	2.55 N	2.275 S	3.10 S	*0.80 N	*1.10 N/S	4.35 N/4.85 S
GAMBUSIA ROAD (LOT 4506-4507)	1.00 S	-	3.05 N	2.55 N	1.775 S	2.60 S	*0.80 N	*1.10 N/S	4.35 N/S
EMINENT STREET	-	-	3.05 E	2.55 E	1.775 W	2.60 W	*0.80 E/W	*1.10 E/W	4.35 E/W
STATURE CIRCUIT (LOT 4528-4530)	1.00 E	-	3.05 E	2.55 E	2.275 W	3.10 W	*0.80 W	*1.10 E/W	4.35 E/4.85 W
STATURE CIRCUIT (LOT 4521-4529, 4533-4544)	-	-	5.00 N	4.50 N	2.275 N	3.10 N	*0.80 N/S	*2.60 N*1.10 S	6.35 N/2.35 S
STATURE CIRCUIT (LOT 4542-4545)	-	-	3.05 E	2.55 E	1.775 W	2.60 W	*0.80 E/W	*1.10 E/W	4.35 E/W

\* FROM BACK OF KERB



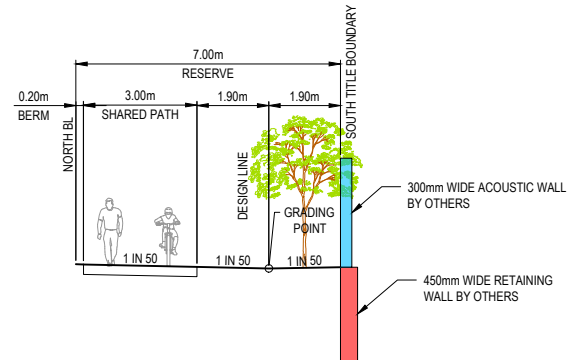
ACCESS STREET ADJACENT TO ACOUSTIC WALL (16m)  
STATURE CIRCUIT (LOTS 4521 TO 4530 & 4545 TO 4553)

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



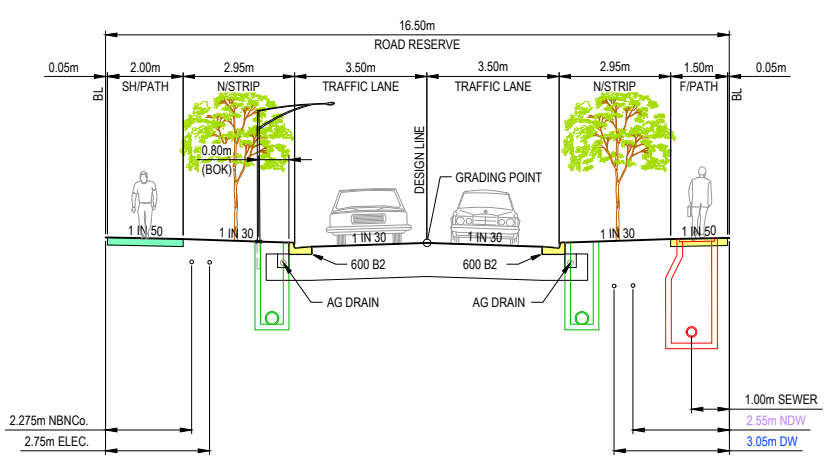
STANDARD ACCESS STREET (16m)  
EMINENT STREET, GAMBUSIA ROAD (LOTS 4506 TO 4507) & STATURE CIRCUIT (LOTS 4542 TO 4545, 4559 TO 4561)

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



RESERVE (7m)  
SHARED PATH A

SCALE 1:100



STANDARD ACCESS STREET WITH 2M SHARED PATH (16.5m)  
GAMBUSIA ROAD (LOTS 4501 TO 4504) & STATURE CIRCUIT (LOTS 4508, 4530 TO 4533)

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

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

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

NOTE: LIGHT POLES AND STREET TREES  
1. LOCATIONS OF LIGHT POLES SHOWN ON ALL TYPICAL SECTIONS ARE ONLY INDICATIVE AND NOT THE EXACT LOCATION OF PROPOSED LIGHT POLES.  
2. PROPOSED TREES SHALL BE CLEAR OF SERVICES AND LOCATED AT A SUITABLE LOCATION THAT WILL MINIMISE DAMAGE TO ABUTTING SERVICES.  
3. NATURE STRIP TREES ARE TO BE LOCATED MID-WAY BETWEEN FRONT OF PATH AND BACK OF KERB AND CHANNEL.  
4. ALL PLANTING TO BE NO LESS THAN 1.0m FROM BACK OF KERB.

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P. BOTROS  
Date 03/11/23  
AN 3161090  
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Checked S. RAJKOVIC  
Date 02/02/23  
AN 2951106  
Reg. Eng. K. PAGE  
Date 28/01/25  
Reg. No. PE0007400  
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Coordinates: MGA94  
Levels: AHD  
BEFORE YOU DIG  
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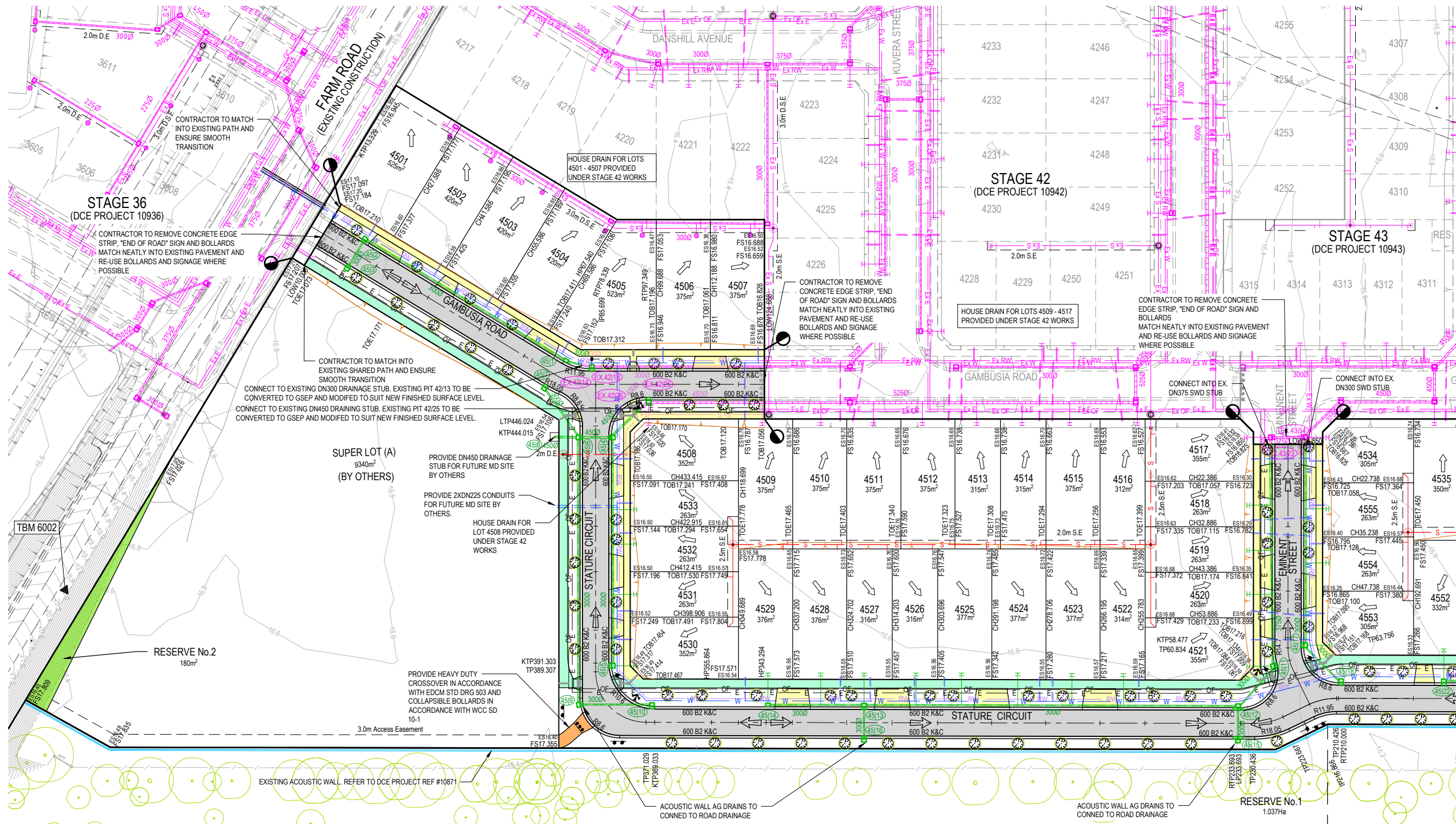
RIVERWALK  
STAGE 45  
GEELONG ROAD, WERRIBEE  
WYNDHAM CITY COUNCIL  
TYPICAL SECTIONS

Drawing No: 10945TD02  
Revision: AC1  
Sheet No: 02 of 28

DALTON CONSULTING ENGINEERS  
melbourne wurundjeri  
geelong wadawurrung  
briarbare turral  
dceng.com.au  
T +61 3 9813 7400  
T +61 3 5246 1700  
T +61 7 3374 9000  
E info@dceng.com.au

AS CONSTRUCTED





KEY PLAN  
NOT TO SCALE

TBM SCHEDULE

I.D.	TYPE	EASTING	NORTHING	LEVEL
151	RIVET	293447.170	5800511.662	17.14
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NOTE: TBMS  
TBMS SHOWN IN THE TABLE ABOVE ARE OUTSIDE OF THE SCOPE OF THIS DRAWING. REFER TO SHEET 01 FOR LOCATION OF TBMS IN RELATION TO STAGE 45 WORKS.

TABLE OF SERVICE LOCATIONS

STREET NAME	SEW	GAS	DW	NDW	COMS	ELEC	POLES	TREES	BOK
GAMBUSIA ROAD (LOT 4501-4504)	-	-	3.05 N	2.55 N	2.275 S	3.10 S	*0.80 N	*1.10 N/S	4.35 N/4.85 S
GAMBUSIA ROAD (LOT 4506-4507)	1.00 S	-	3.05 N	2.55 N	1.775 S	2.60 S	*0.80 N	*1.10 N/S	4.35 N/S
EMINENT STREET	-	-	3.05 E	2.55 E	1.775 W	2.60 W	*0.80 E/W	*1.10 E/W	4.35 E/W
STATURE CIRCUIT (LOT 4508-4530)	1.00 E	-	3.05 E	2.55 E	2.275 W	3.10 W	*0.80 W	*1.10 E/W	4.35 E/4.85 W
STATURE CIRCUIT (LOT 4531-4539, 4543-4546)	-	-	5.00 N	4.50 N	2.275 N	3.10 N	*0.80 N/S	*2.60 N/1.10 S	6.35 N/2.35 S
STATURE CIRCUIT (LOT 4542-4545)	-	-	3.05 E	2.55 E	1.775 W	2.60 W	*0.80 E/W	*1.10 E/W	4.35 E/W

\* FROM BACK OF KERB

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Drawn P. BOTROS  
Date 03/11/23  
3161090  
Designed I. HUANG  
Date 03/11/23  
4121017  
Checked S. RAJKOVIC  
Date 02/02/23  
2951106  
Reg. Eng. K. PAGE  
Date 28/01/25  
Reg. No. PEO007400

LEGEND

- EXISTING DEV
- CURRENT STAGE
- DESIGN IN PROGRESS
- LIMIT OF WORKS
- PROPOSED STREET TREE WITH 3m TREE RING
- TREE TO BE REMOVED
- ACoustic WALL BY OTHERS
- OPEN EARTH DRAIN
- HEAVY DUTY CROSSOVER

DEVELOPMENT VICTORIA

Coordinates: MGA94  
Levels: AHD

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

RIVERWALK  
STAGE 45  
GEELONG ROAD, WERRIBEE  
WYNDHAM CITY COUNCIL  
DETAIL PLAN  
SHEET 01 OF 02  
Drawing No: 10945DP01  
Revision: AC1  
Sheet No: 04 of 28

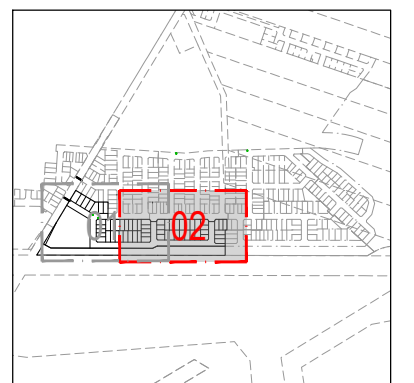
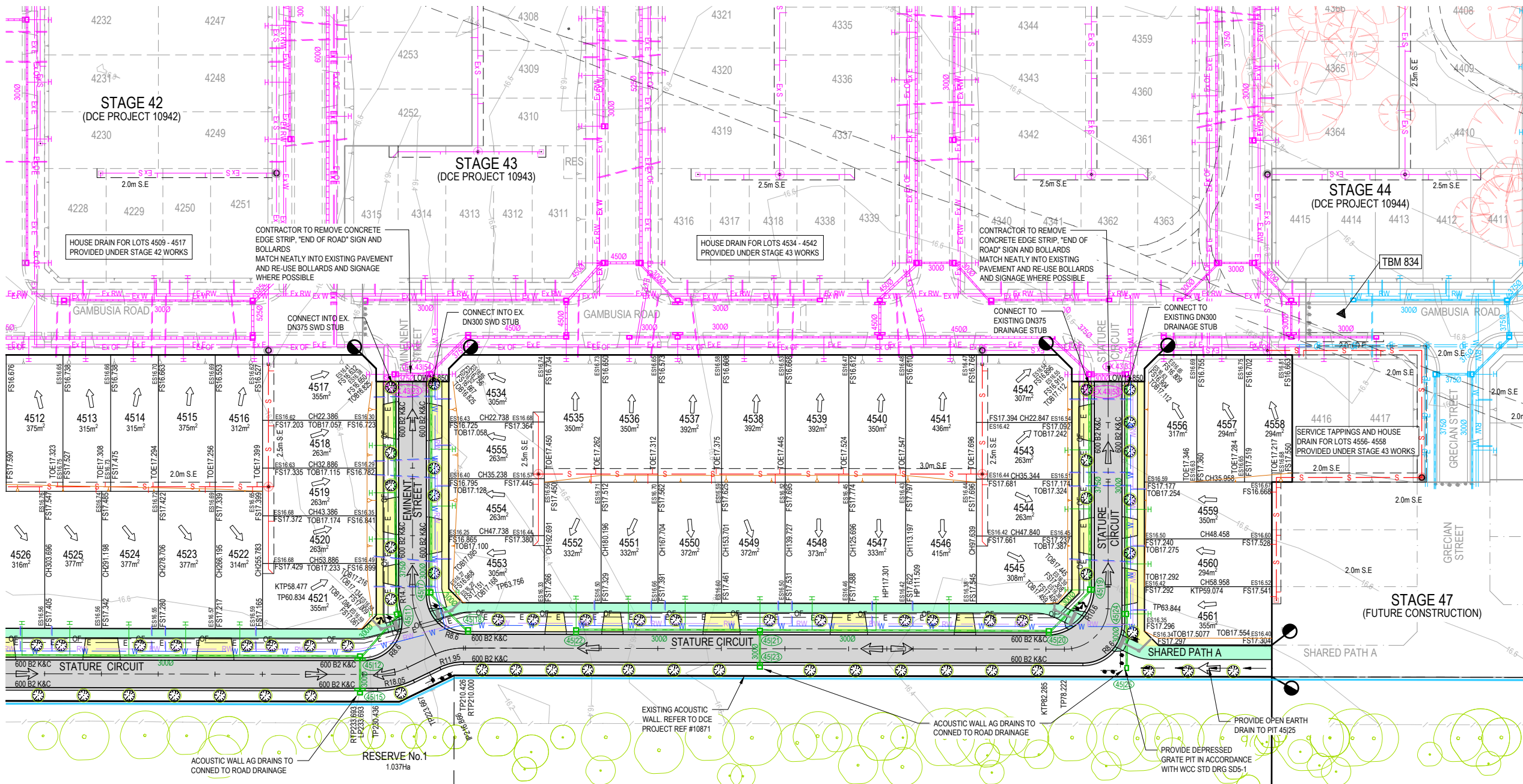
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dceng.com.au

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

**AS CONSTRUCTED**

- NOTE: EXISTING SURFACE LEVELS  
ALL EXISTING CORNER LEVELS SHOWN ON THIS PLAN ARE PRIOR TO THE COMMENCEMENT OF PERMIT 10 BULK EARTHWORKS DCE PROJECT REF #10873
- NOTE: ALL OTHER FILL  
FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL
- NOTE: BULK EARTHWORKS (BEW)  
BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS. REFER TO DCE PROJECT REF #10873
- NOTE: END OF PAVEMENT WORKS  
CONCRETE EDGE STRIP AND AG DRAIN TO BE INSTALLED TO THE END OF ALL PAVEMENT WORKS.
- NOTE: EXISTING SERVICES  
ALL EXISTING SERVICES UNDER NEW AND PROPOSED ROAD PAVEMENT, FOOTPATH AND DRIVEWAYS TO BE FOR BACKFILLED.
- NOTE: EXISTING STRUCTURES  
ALL EXISTING DRAINAGE PITS AND SEWER STRUCTURES WITHIN NEW WORKS ARE TO BE ADJUSTED TO MATCH NEW FINISHED SURFACE LEVELS.
- NOTE: TACTILE PAVING  
TACTILE GROUND SURFACE INDICATORS (TGSIS) ARE SHOWN INDICATIVELY AND SHOULD BE CONSTRUCTED IN ACCORDANCE WITH AS/NZS 1428.4:2009.

FOR CONTINUATION REFER TO SHEET 05



**KEY PLAN**  
NOT TO SCALE

**TBM SCHEDULE**

I.D.	TYPE	EASTING	NORTHING	LEVEL
151	RIVET	293447.170	5800511.662	17.14
592	RIVET	293191.811	5800527.867	17.88
834	SPIKE	293574.823	5800380.139	16.73
6002	ROD	293152.965	5800132.136	19.94

**NOTE: TBMS**  
TBMS SHOWN IN THE TABLE ABOVE ARE OUTSIDE OF THE SCOPE OF THIS DRAWING. REFER TO SHEET 01 FOR LOCATION OF TBMS IN RELATION TO STAGE 45 WORKS.

FOR CONTINUATION REFER TO SHEET 04

**TABLE OF SERVICE LOCATIONS**

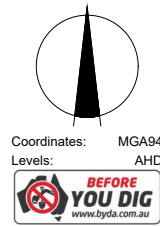
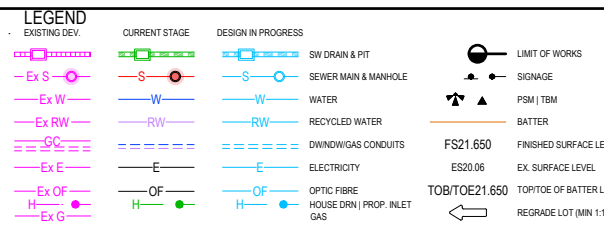
STREET NAME	SEW	GAS	DW	NDW	COMS	ELEC	POLES	TREES	BOK
GAMBUSIA ROAD (LOT 4501-4504)	-	-	3.05 N	2.55 N	2.275 S	3.10 S	*0.80 N	*1.10 N/S	4.35 N/4.85 S
GAMBUSIA ROAD (LOT 4506-4507)	1.00 S	-	3.05 N	2.55 N	1.775 S	2.60 S	*0.80 N	*1.10 N/S	4.35 N/S
EMINENT STREET	-	-	3.05 E	2.55 E	1.775 W	2.60 W	*0.80 E/W	*1.10 E/W	4.35 E/W
STATURE CIRCUIT (LOT 4508-4530)	1.00 E	-	3.05 E	2.55 E	2.275 W	3.10 W	*0.80 W	*1.10 E/W	4.35 E/4.85 W
STATURE CIRCUIT (LOT 4531-4533, 4553-4546)	-	-	5.00 N	4.50 N	2.275 N	3.10 N	*0.80 N/S	*2.60 N/*1.10 S	6.35 N/2.35 S
STATURE CIRCUIT (LOT 4542-4545)	-	-	3.05 E	2.55 E	1.775 W	2.60 W	*0.80 E/W	*1.10 E/W	4.35 E/W

\* FROM BACK OF KERB

**PRINCES FREEWAY**  
(EXISTING CONSTRUCTION)

- NOTE: EXISTING SURFACE LEVELS**  
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Drawn P. BOTROS  
Date 03/11/23  
AN 3161090  
Designed I. HUANG  
Date 03/11/23  
AN 4121017  
Checked S. RAJKOVIC  
Date 02/02/23  
AN 2951106  
Reg. Eng. K. PAGE  
Date 28/01/25  
Reg. No. PE0007400



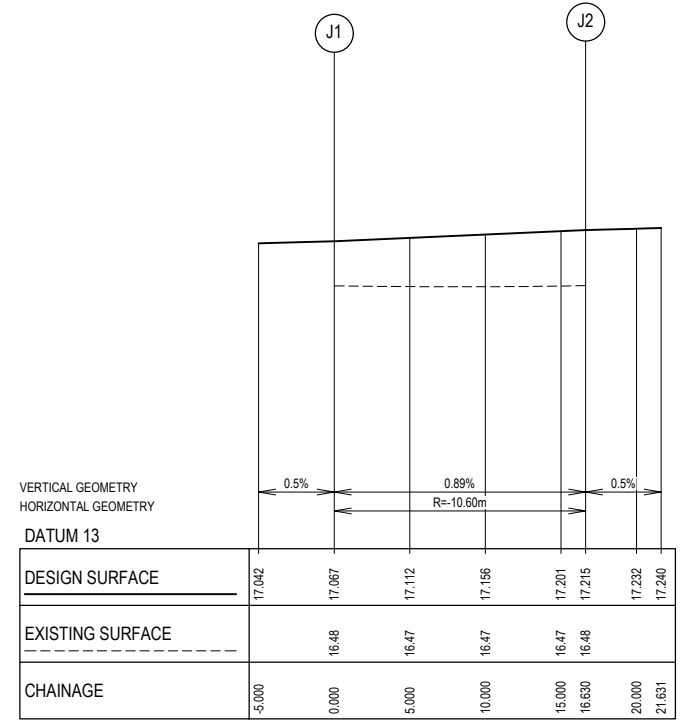
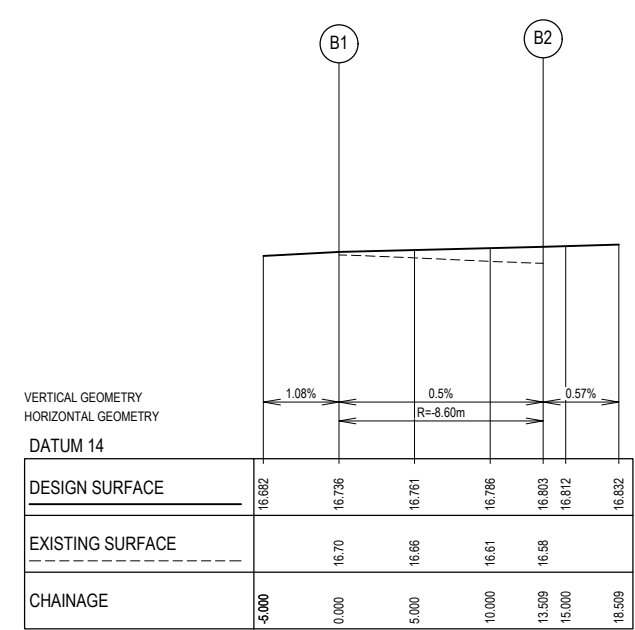
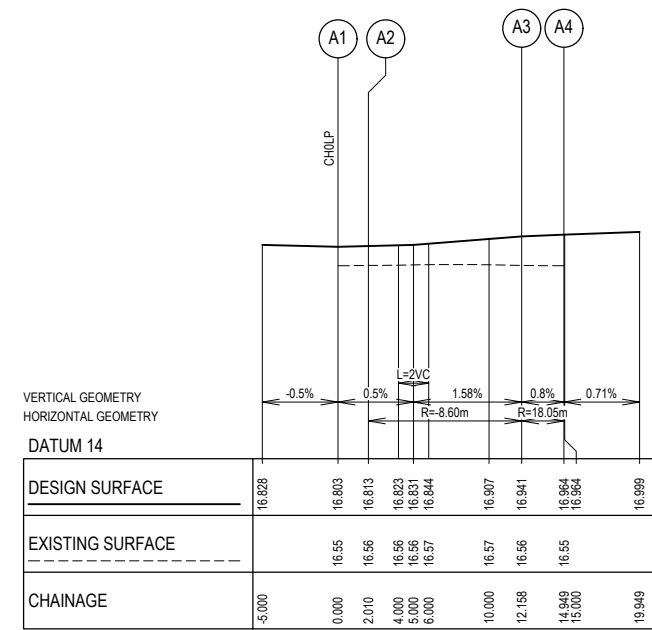
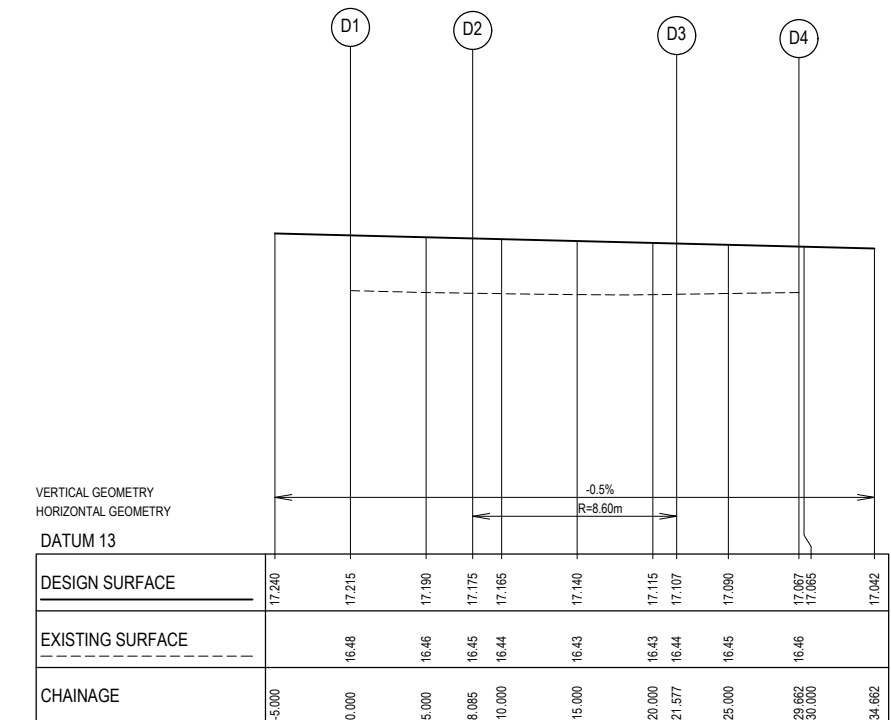
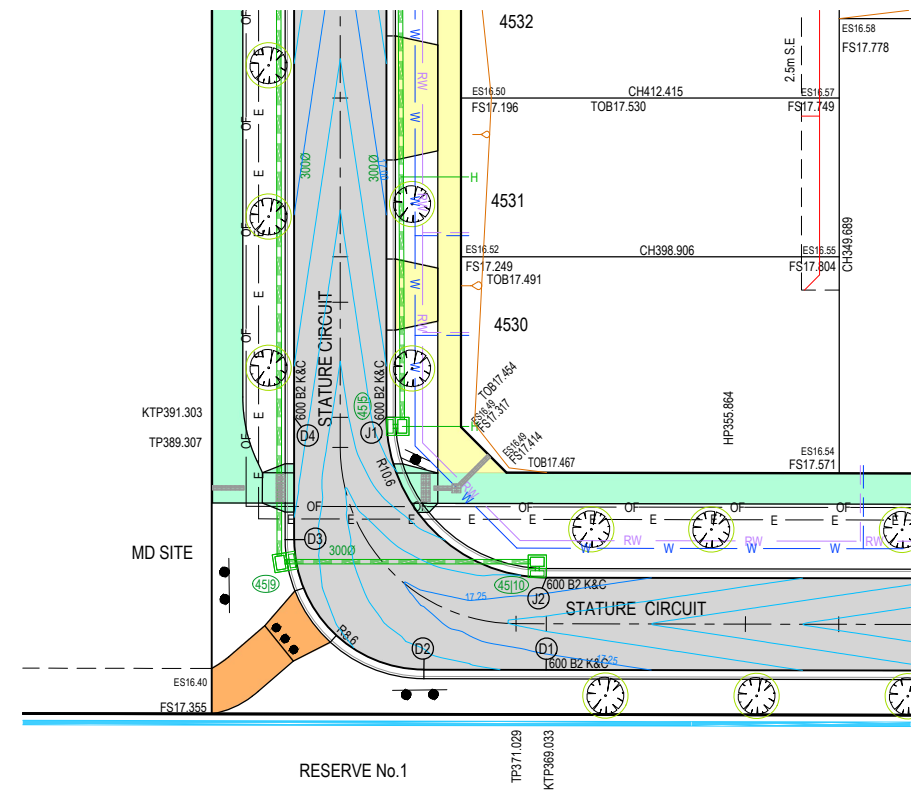
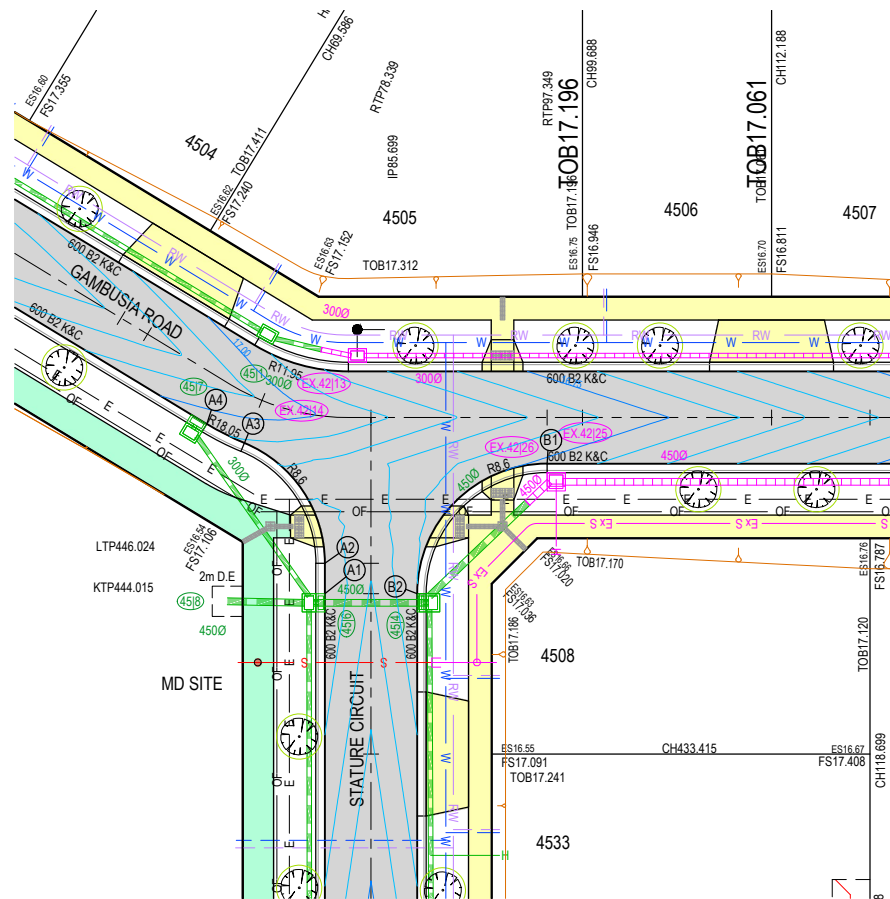
**RIVERWALK**  
**STAGE 45**  
GEELONG ROAD, WERRIBEE  
WYNDHAM CITY COUNCIL  
DETAIL PLAN  
SHEET 02 OF 02  
Drawing No: 10945DP02  
Revision: AC1  
Sheet No: 05 of 28

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**AS CONSTRUCTED**

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.



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

**NOTE: END OF PAVEMENT WORKS**  
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Drawn	P.BOTROS	Date	03/11/23
Designed	I.HUANG	Date	03/11/23
Checked	S. RAJKOVIC	Date	02/02/23
Reg. Eng.	K.PAGE	Date	28/01/25
Reg. No.	PE0007400		

AN	3161090	AMEND	DATE	APPD
AN	4121017			
AN	2951106			
AN	2951106			

**LEGEND**

- EX W - EX. WATER MAIN
- EX G - EX. GAS MAIN
- EX E - EX. ELECTRICAL CABLE
- EX S - EX. SEWER MAIN & MH
- EX T - EX. COMM. CABLE & PIT
- EX OF - EX. OPTIC FIBER
- EX D - EX. DRAIN & PIT
- PSM (TBM)
- E - ELECTRICITY
- T - TELECOMMUNICATIONS
- W - WATER
- RW - RECYCLED WATER
- DC - DRAINAGE CONDUITS
- OF - OPTIC FIBER
- S - SIGNAGE
- ST - PROPOSED STREET TREE WITH 3m TREE RING
- S - SEWER MAIN & MANHOLE
- SW - SW DRAIN & PIT
- HO - HOUSE DRN | PROP. INLET
- B - BATTER
- FS21.650 - FINISHED SURFACE LEVEL
- ES20.06 - EX. SURFACE LEVEL
- TOB/TOE21.650 - TOP/TOE OF BATTER LEVEL
- A1 - LIP PROFILE SETOUT
- ASPHALT PAVEMENT
- CONCRETE FOOTPATH | D'WAY
- CONCRETE SHARED PATH
- ACOUSTIC WALL BY OTHERS
- MAJOR FS CONTOUR
- MINOR FS CONTOUR
- FINISHED SURFACE (LIP PROFILE)
- EXISTING SURFACE (LIP PROFILE)
- EXISTING SURFACE (LIP PROFILE)

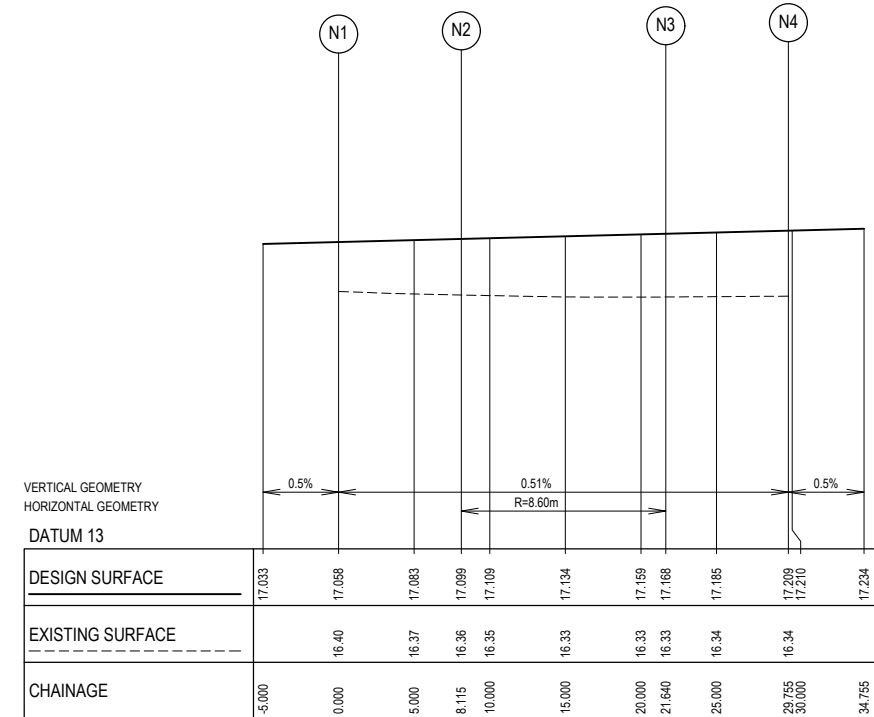
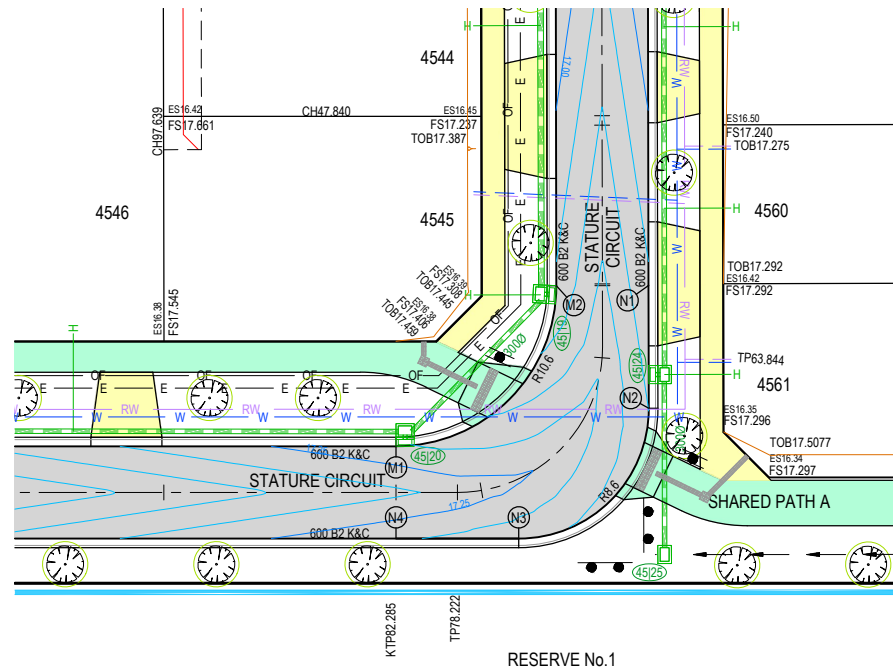
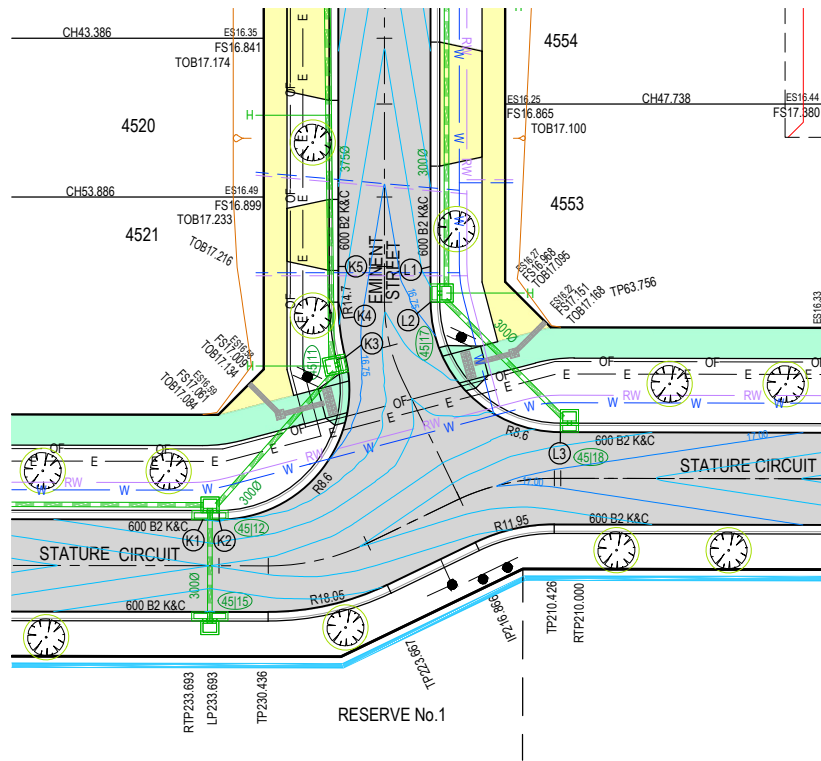
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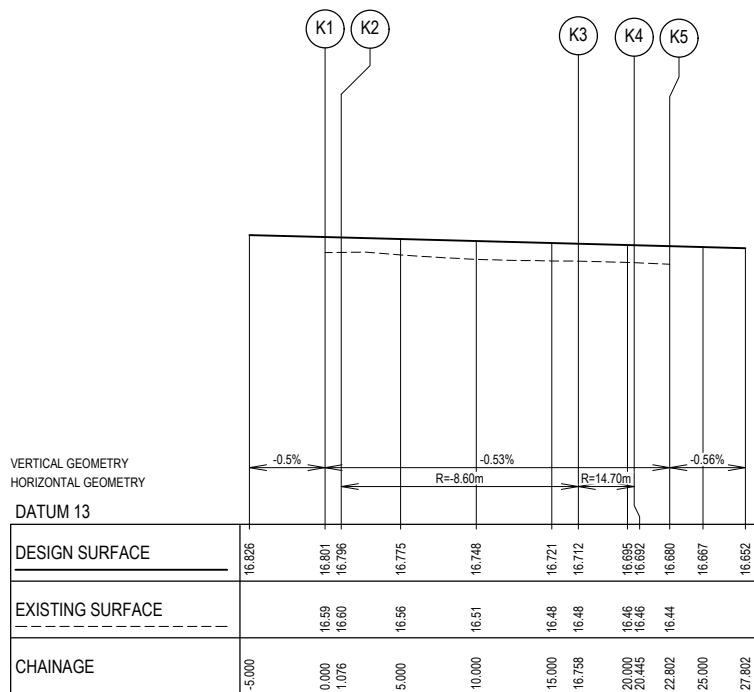
**RIVERWALK**  
STAGE 45  
GEELONG ROAD, WERRIBEE  
WYNDHAM CITY COUNCIL  
INTERSECTION DETAILS  
SHEET 01 OF 02  
Drawing No: 10945ID01  
Revision: AC1 Sheet No: 06 of 28

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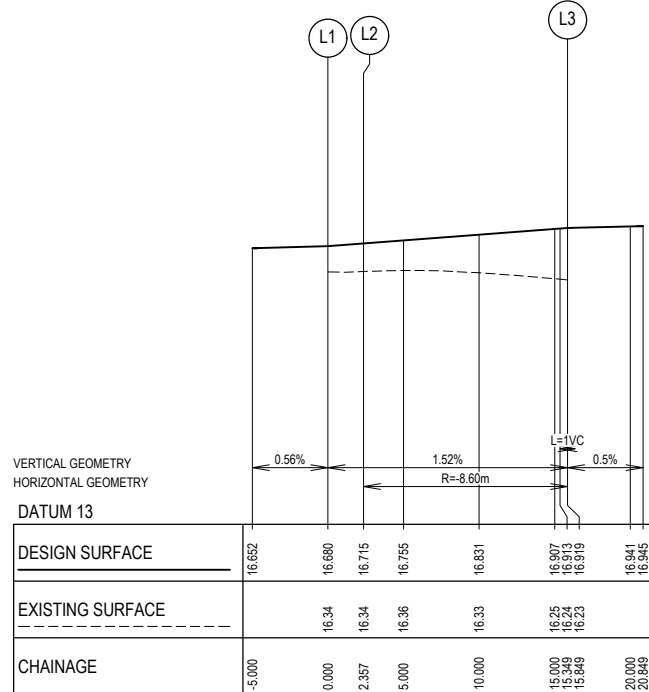
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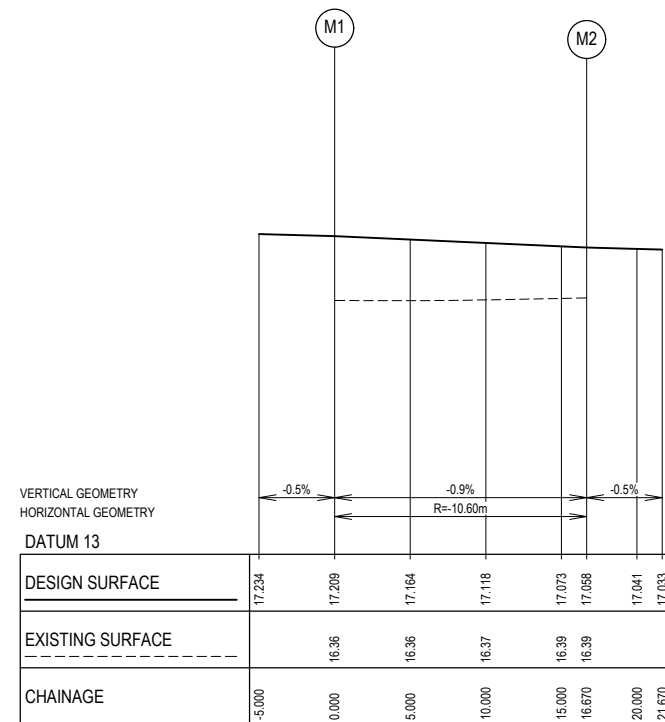
LIP PROFILE N



LIP PROFILE K



LIP PROFILE L



LIP PROFILE M

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Drawn	P.BOTROS	Date	03/11/23	AN	3161090
Designed	I.HUANG	Date	03/11/23	AN	4121017
Checked	S. RAJKOVIC	Date	02/02/23	AN	2951106
Reg. Eng.	K.PAGE	Date	28/01/25	Reg. No.	PE0007400
Rev	AS CONSTRUCTED	Date	03/12/25	AMEND	FM
Rev	DESCRIPTION	DATE	AMEND	APPD	KP

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**LEGEND**

- EX W - EX. WATER MAIN
- EX G - EX. GAS MAIN
- EX E - EX. ELECTRICAL CABLE
- EX S - EX. SEWER MAIN & MH
- EX T - EX. COMM. CABLE & PIT
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- MAJOR FS CONTOUR
- MINOR FS CONTOUR
- FINISHED SURFACE (LIP PROFILE)
- EX. SURFACE (LIP PROFILE)
- EXISTING SURFACE (LIP PROFILE)

Coordinates: MGA94  
Levels: AHD

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**DEVELOPMENT VICTORIA**

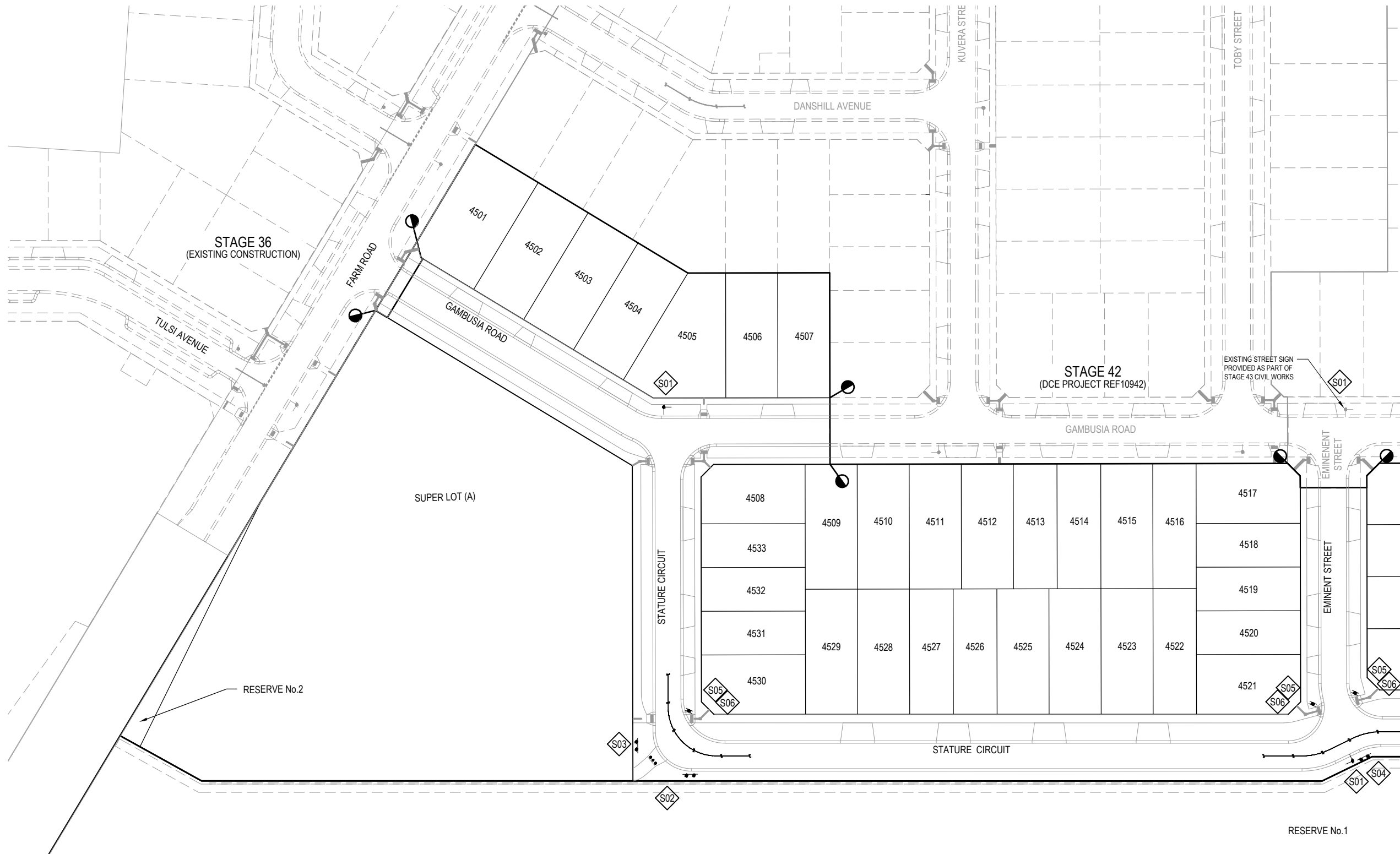
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**RIVERWALK**  
STAGE 45  
GEELONG ROAD, WERRIBEE  
WYNDHAM CITY COUNCIL  
INTERSECTION DETAILS  
SHEET 02 OF 02  
Drawing No: 10945ID02  
Revision: AC1  
Sheet No: 07 of 28

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**AS CONSTRUCTED**



SIGN SCHEDULE	
SIGN	REF
	S01
ROAD NAME SIGNAGE	
	S02
D4-1-1L	
	S03
D4-1-1R	
	S04
D4-2-1	
	S05
R8-2A	
	S06
R8-2A & R7-4	

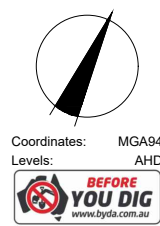
FOR CONTINUATION REFER TO SHEET 09

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

REV	DESCRIPTION	DATE	AMEND	APP'D
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P.BOTROS  
Date 03/11/23  
AN 3161090  
Designed I.HUANG  
Date 03/11/23  
AN 4121017  
Checked S. RAJKOVIC  
Date 02/02/23  
AN 2951106  
Reg. Eng. K.PAGE  
Date 28/01/25  
Reg. No. PE0007400  
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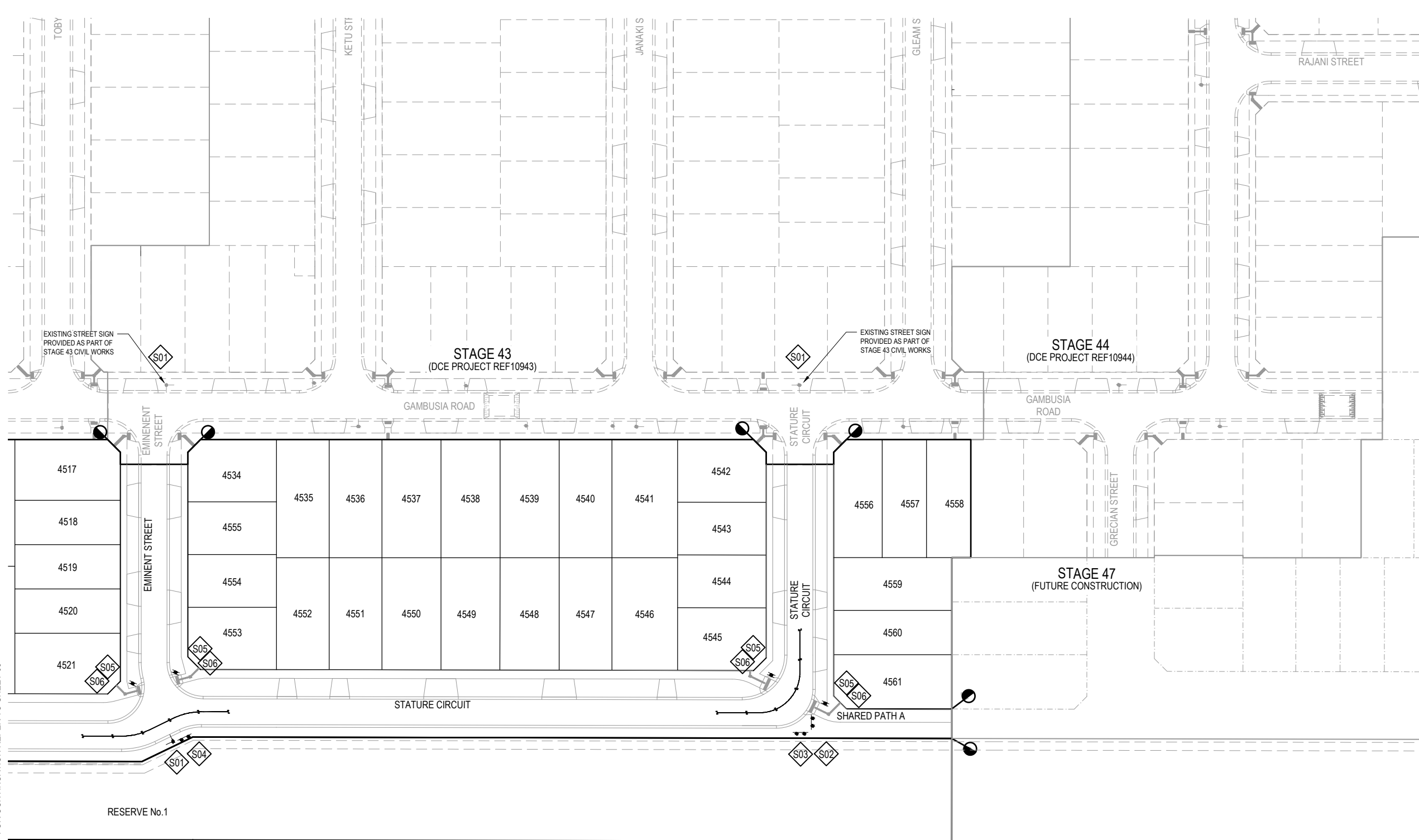
- LEGEND**
- 300mm WIDE GIVE WAY HOLDING LINE
  - 150mm WIDE CONTINUITY LINE
  - 100mm WIDE BARRIER LINE
  - RRPM'S (SPACED AT 6m dc UNLESS NOTED OTHERWISE)
  - DENOTES TACTILE GROUND INDICATORS IN ACCORDANCE WITH AS 1428
  - STREET SIGN REFERENCE
  - STREET NAME SIGNAGE
  - OTHER SIGNAGE



**RIVERWALK**  
STAGE 45  
GEELONG ROAD, WERRIBEE  
WYNDHAM CITY COUNCIL  
SIGNAGE AND LINEMARKING PLAN  
SHEET 01 OF 02  
Drawing No: 10945LM01  
Revision: AC1 Sheet No: 08 of 28

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brisbane turralba  
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**AS CONSTRUCTED**



SIGN SCHEDULE	
SIGN	REF
	S01
ROAD NAME SIGNAGE	
	S02
D4-1-1L	
	S03
D4-1-1R	
	S04
D4-2-1	
	S05
R8-2A	
	S06
END	
R8-2A & R7-4	

FOR CONTINUATION REFER TO SHEET 08

- NOTES: LINEMARKING**
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AC1	AS CONSTRUCTED	03/12/25	FM	KP

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

Coordinates: MGA94  
Levels: AHD

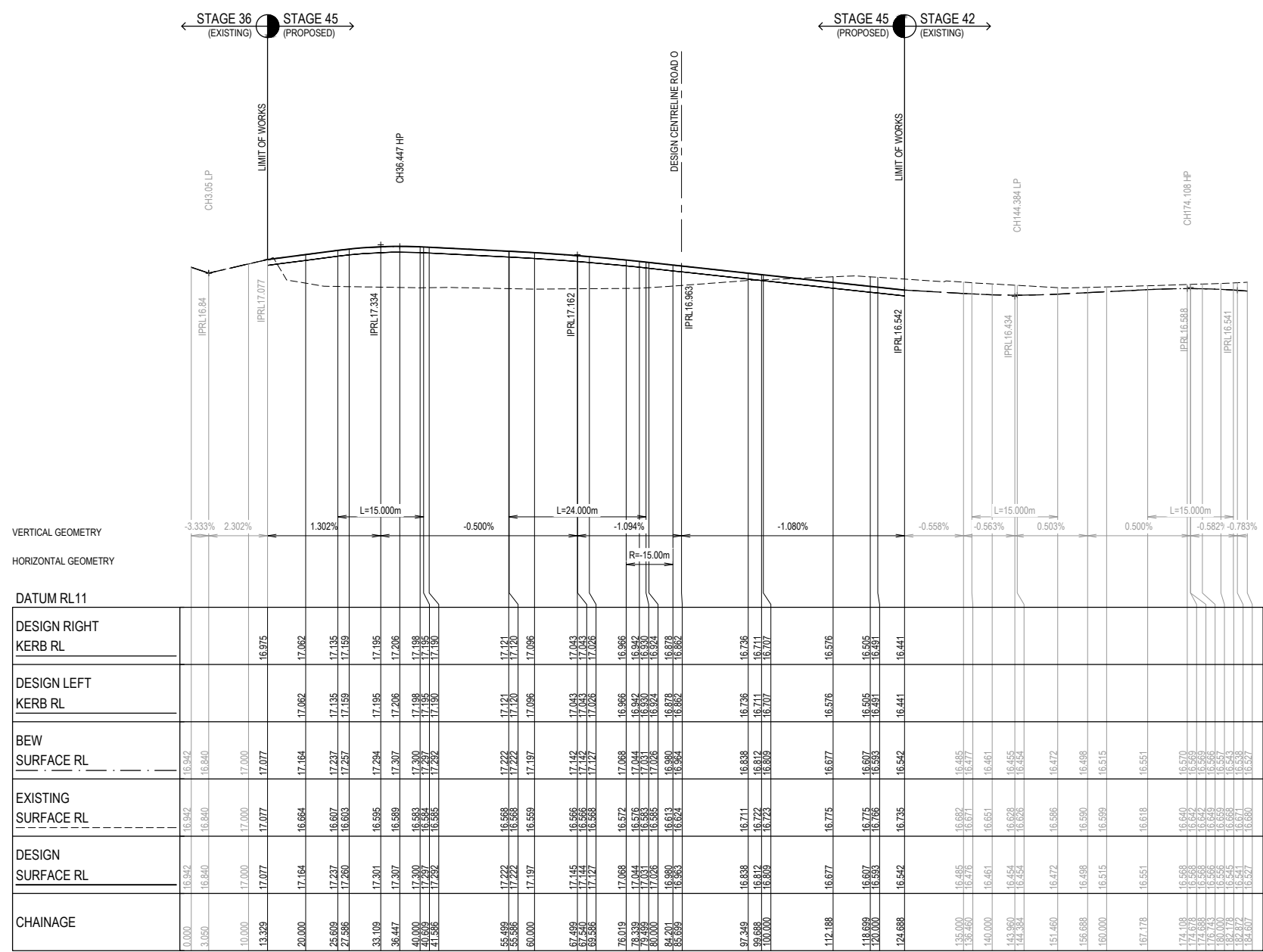
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**RIVERWALK**  
STAGE 45  
GEELONG ROAD, WERRIBEE  
WYNDHAM CITY COUNCIL  
SIGNAGE AND LINEMARKING PLAN  
SHEET 02 OF 02  
Drawing No: 10945LM02  
Revision: AC1 Sheet No: 09 of 28

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T +61 3 5246 1700  
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**AS CONSTRUCTED**

**NOTE: ALL OTHER FILL**  
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 WITH APPROVED FILL MATERIAL

**NOTE: BULK EARTHWORKS (BEW)**  
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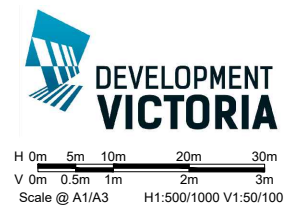
LONGITUDINAL SECTION - GAMBUSIA ROAD DESIGN LINE

REV	DESCRIPTION	DATE	AMEND	APP'D
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P.BOTROS  
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 AN 2951106  
 Reg. Eng. K.PAGE  
 Date 28/01/25  
 Reg. No. PE0007400  
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**LEGEND**  
 - - - - - EXISTING SURFACE  
 - - - - - FINISHED SURFACE  
 - - - - - FIN. SUR. (FUTURE STG.)  
 - - - - - FIN. SUR. (PREVIOUS STG.)  
 - - - - - LEFT LIP OF KERB  
 - - - - - LEFT LIP (PREVIOUS)  
 - - - - - LEFT LIP (FUTURE)  
 - - - - - RIGHT LIP OF KERB  
 - - - - - RIGHT LIP (PREVIOUS)  
 - - - - - RIGHT LIP (FUTURE)

Coordinates: MGA94  
 Levels: AHD



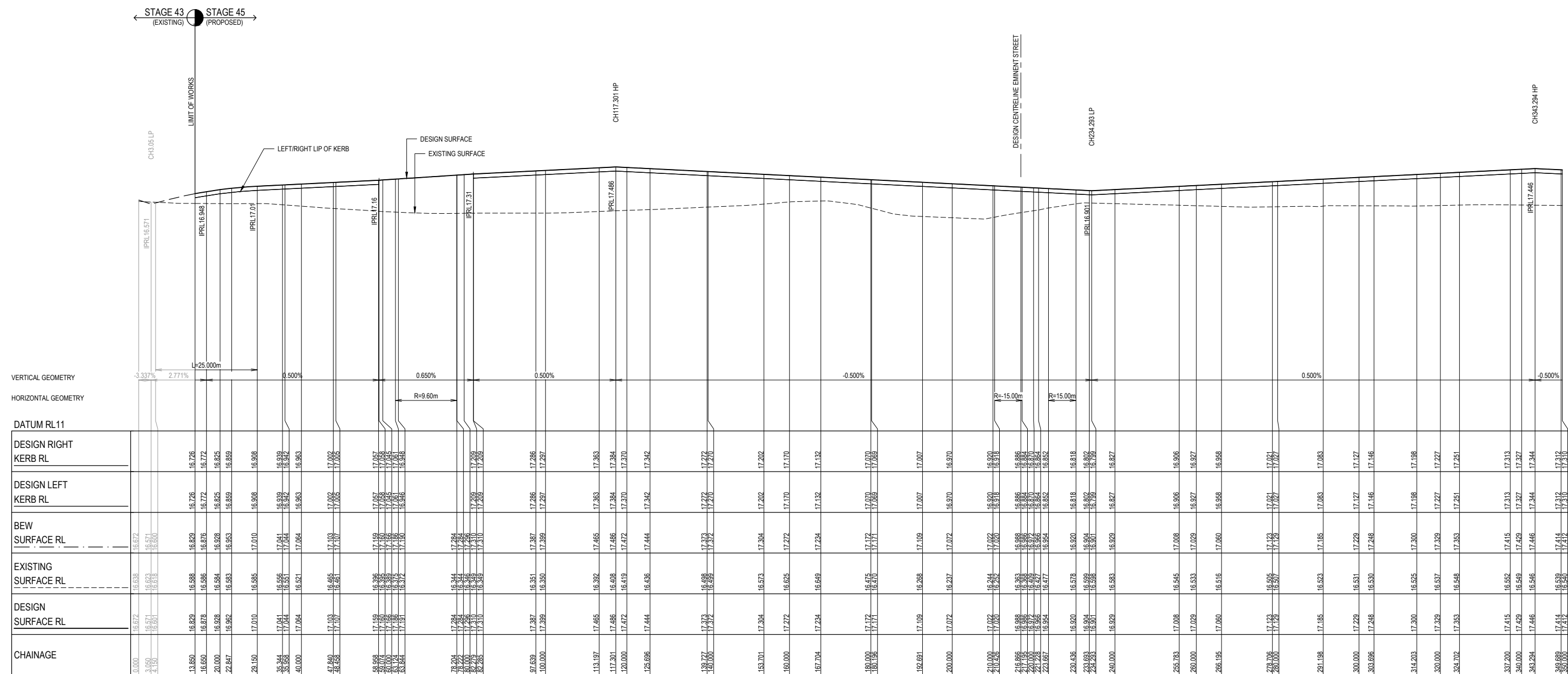
**RIVERWALK**  
**STAGE 45**  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 ROAD LONGITUDINAL SECTIONS  
 SHEET 01 OF 03  
 Drawing No: 10945LS01  
 Revision: AC1  
 Sheet No: 10 of 28

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**AS CONSTRUCTED**

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

NOTE: BULK EARTHWORKS (BEW)  
BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL  
CIVIL WORKS. REFER TO DCE PROJECT REF #10873



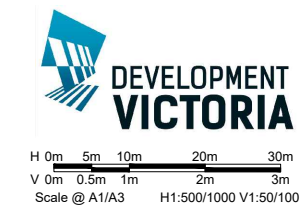
LONGITUDINAL SECTION - STATURE CIRCUIT DESIGN LINE

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P.BOTROS  
Date 03/11/23  
AN 3161090  
Designed I.HUANG  
Date 03/11/23  
AN 4121017  
Checked S. RAJKOVIC  
Date 02/02/23  
AN 2951106  
Reg. Eng. K.PAGE  
Date 28/01/25  
Reg. No. PE0007400

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

Coordinates: MGA94  
Levels: AHD



**RIVERWALK**  
 STAGE 45  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 ROAD LONGITUDINAL SECTIONS  
 SHEET 02 OF 03  
 Drawing No: 10945LS02  
 Revision: AC1  
 Sheet No: 11 of 28

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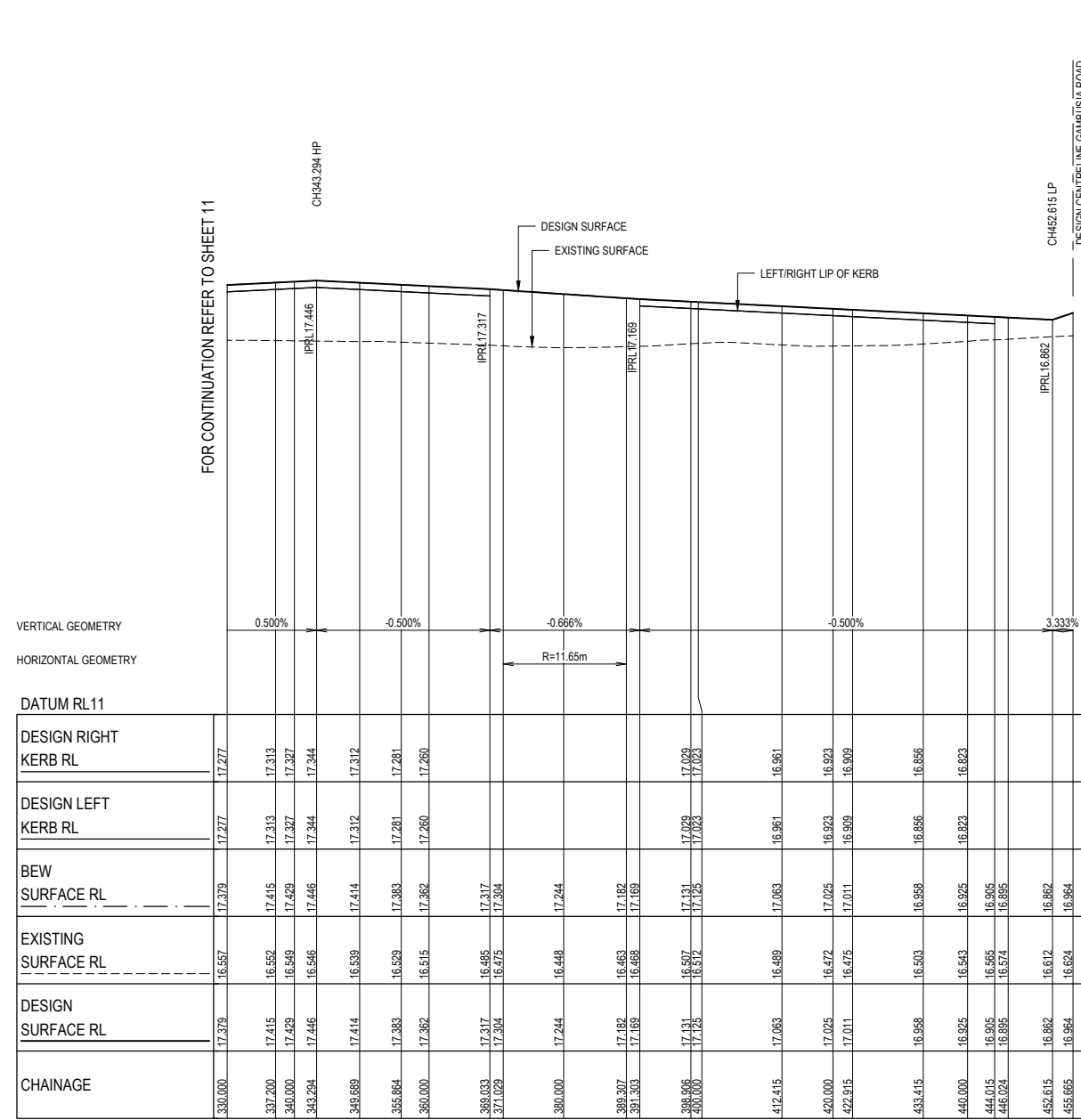
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T +61 3 5246 1700  
T +61 7 3374 9000  
E info@dceng.com.au

**AS CONSTRUCTED**

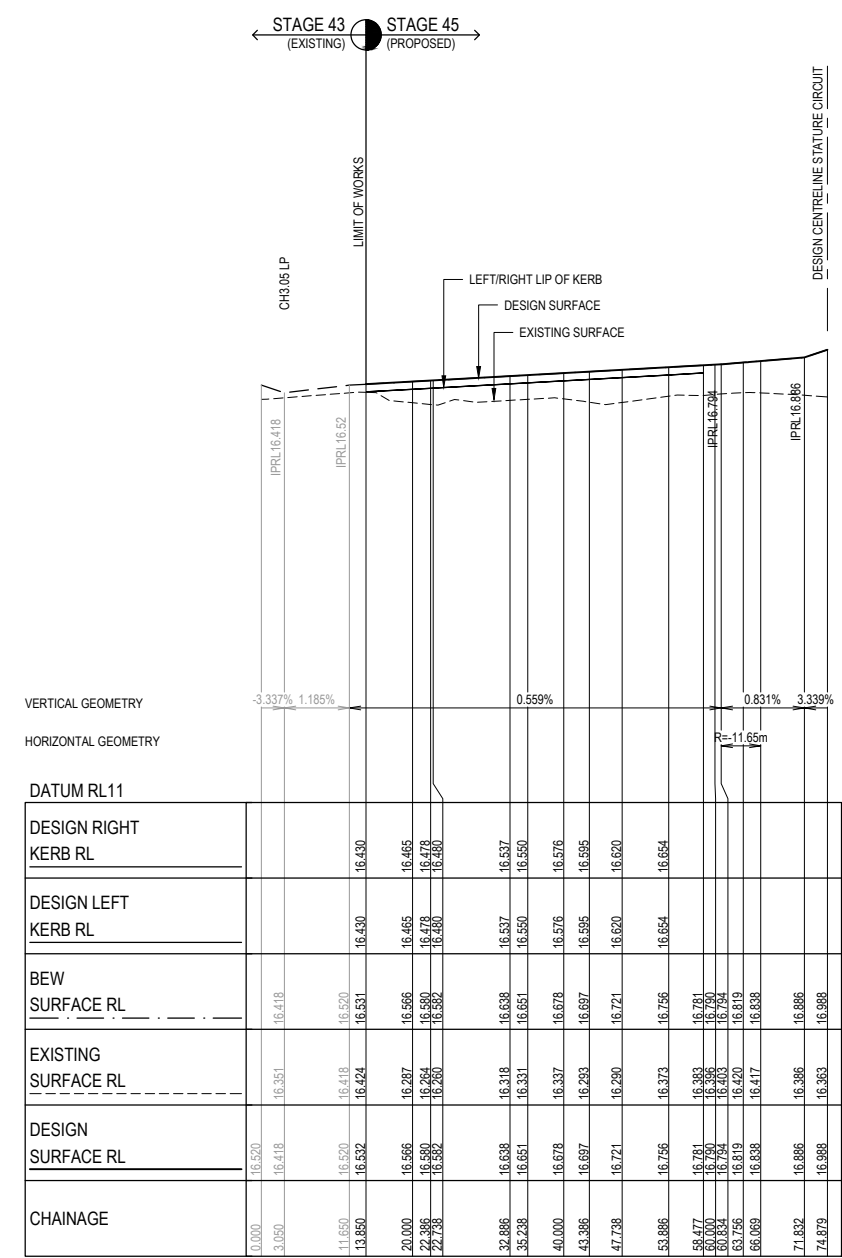
FOR CONTINUATION REFER TO SHEET 12

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

NOTE: BULK EARTHWORKS (BEW)  
BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL  
CIVIL WORKS. REFER TO DCE PROJECT REF #10873



LONGITUDINAL SECTION - STATURE CIRCUIT DESIGN LINE



LONGITUDINAL SECTION - EMINENT STREET DESIGN LINE

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

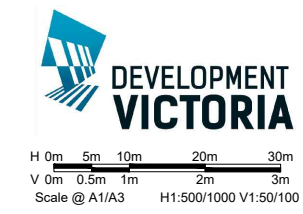
Drawn P.BOTROS  
Date 03/11/23  
AN 3161090  
Designed I.HUANG  
Date 03/11/23  
AN 4121017  
Checked S. RAJKOVIC  
Date 02/02/23  
AN 2951106  
Reg. Eng. K.PAGE  
Date 28/01/25  
Reg. No. PE0007400

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

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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Coordinates: MGA94  
Levels: AHD



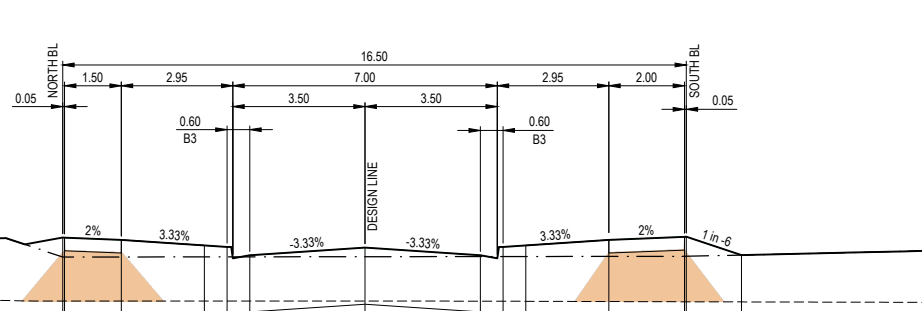
**RIVERWALK**  
**STAGE 45**  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 ROAD LONGITUDINAL SECTIONS  
 SHEET 03 OF 03  
 Drawing No: 10945LS03  
 Revision: AC1  
 Sheet No: 12 of 28

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dceng.com.au

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**AS CONSTRUCTED**

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



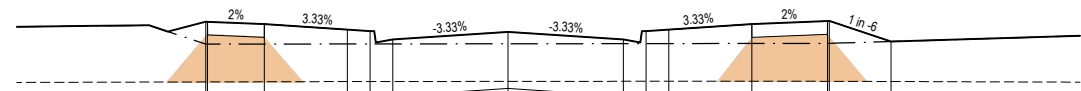
**NOTE: BULK EARTHWORKS (BEW)**  
 BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS. REFER TO DCE PROJECT REF #10873

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

DATUM RL15.000

DESIGN SURFACE	BEW SURFACE	EXISTING SURFACE	OFFSET
17.295	17.196	16.995	-8.000
17.282	17.183	16.982	-7.950
17.394	17.295	17.094	-6.450
17.3	17.189	16.955	-3.650
17.19	17.169	16.985	-3.050
17.292	17.171	16.955	0.000
17.19	17.173	16.983	3.050
17.3	17.173	16.982	3.650
17.294	17.175	16.978	6.450
17.434	17.176	16.979	8.450
17.435	17.176	16.979	8.500
17.192	17.192	16.673	9.958

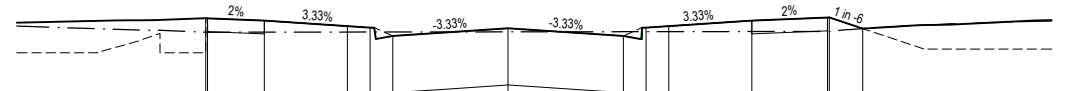
CH 41.586



DATUM RL15.000

DESIGN SURFACE	BEW SURFACE	EXISTING SURFACE	OFFSET
17.394	17.096	16.597	-8.000
17.382	17.084	16.585	-7.950
17.382	17.087	16.589	-6.450
17.289	17.099	16.601	-3.650
17.159	17.099	16.602	-3.050
17.26	17.101	16.603	0.000
17.159	17.103	16.605	3.050
17.289	17.103	16.605	3.650
17.382	17.105	16.607	6.450
17.492	17.106	16.605	8.450
17.494	17.106	16.605	8.500
17.131	17.131	16.602	10.133

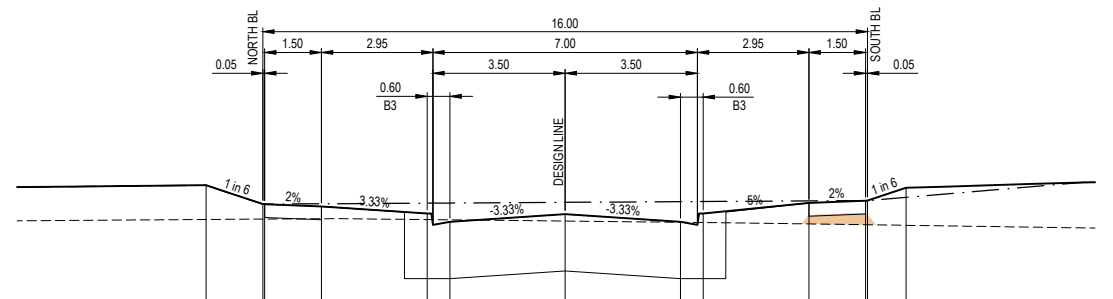
CH 27.586



DATUM RL15.000

DESIGN SURFACE	BEW SURFACE	EXISTING SURFACE	OFFSET
17.21	17.025	17.021	-8.000
17.209	17.025	17.020	-7.950
17.179	17.026	17.179	-6.450
17.085	17.028	17.085	-3.650
16.975	17.028	16.975	-3.050
17.077	17.03	17.077	0.000
16.975	17.032	16.975	3.050
17.085	17.032	16.985	3.650
17.179	17.034	17.179	6.450
17.219	17.035	17.219	8.450
17.22	17.035	17.22	8.500
17.073	17.073	17.073	9.382

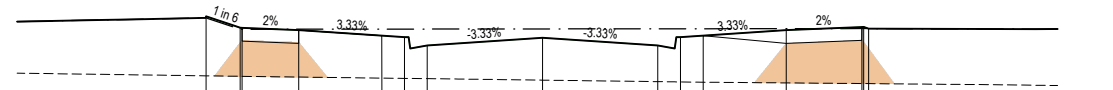
CH 13.329



DATUM RL15.000

DESIGN SURFACE	BEW SURFACE	EXISTING SURFACE	OFFSET
17.196	17.196	16.743	-8.500
16.946	16.946	16.748	-9.000
16.946	16.946	16.748	-7.950
16.914	16.95	16.751	-6.450
16.921	16.988	16.741	-3.650
16.711	16.96	16.738	-3.050
16.812	16.989	16.772	0.000
16.711	16.978	16.706	3.050
16.821	16.98	16.702	3.650
16.961	16.988	16.684	6.450
16.992	16.992	16.673	7.950
16.992	16.992	16.673	8.000
17.162	17.095	16.686	9.021

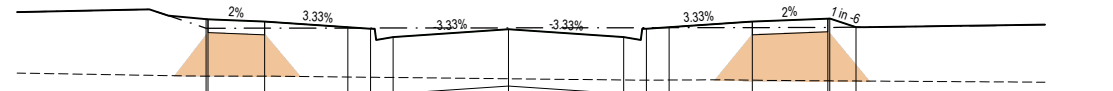
CH 99.688



DATUM RL15.000

DESIGN SURFACE	BEW SURFACE	EXISTING SURFACE	OFFSET
17.411	17.39	16.625	-8.000
17.261	17.24	16.618	-8.000
17.269	17.24	16.618	-7.950
17.229	17.241	16.608	-6.450
17.136	17.243	16.591	-3.650
17.026	17.243	16.587	-3.050
17.127	17.245	16.568	0.000
17.026	17.247	16.548	3.050
17.136	17.247	16.544	3.650
17.229	17.249	16.531	6.450
17.419	17.25	16.522	8.450
17.419	17.25	16.522	8.500

CH 69.586



DATUM RL15.000

DESIGN SURFACE	BEW SURFACE	EXISTING SURFACE	OFFSET
17.355	17.236	16.603	-8.000
17.354	17.236	16.603	-7.950
17.324	17.237	16.602	-6.450
17.23	17.239	16.988	-3.650
17.12	17.239	16.985	-3.050
17.222	17.241	16.668	0.000
17.12	17.243	16.651	3.050
17.23	17.243	16.65	3.650
17.324	17.245	16.649	6.450
17.364	17.246	16.641	8.450
17.365	17.246	16.641	8.500
17.25	17.25	16.639	9.194

CH 55.586

**GAMBUSIA ROAD**

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P.BOTROS  
 Date 03/11/23  
 AN 3161090  
 Designed I.HUANG  
 Date 03/11/23  
 AN 4121017  
 Checked S. RAJKOVIC  
 Date 02/02/23  
 AN 2951106  
 Reg. Eng. K.PAGE  
 Date 28/01/25  
 Reg. No. PE0007400  
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**LEGEND**

- EXISTING SURFACE
- FINISHED SURFACE
- - - BULK EARTHWORKS SURFACE
- ROAD BOXING
- STRUCTURAL FILL

Coordinates: MGA94  
 Levels: AHD

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

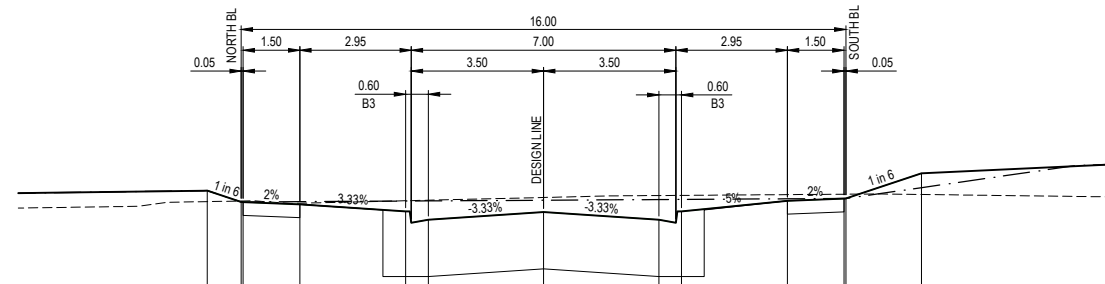
**RIVERWALK**  
 STAGE 45  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 CROSS SECTIONS  
 SHEET 01 OF 10  
 Drawing No: 10945XS01  
 Revision: AC1 Sheet No: 13 of 28

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 briarbare turbal  
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 E info@dceng.com.au  
**AS CONSTRUCTED**

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

**NOTE: BULK EARTHWORKS (BEW)**  
 BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS. REFER TO DCE PROJECT REF #10873

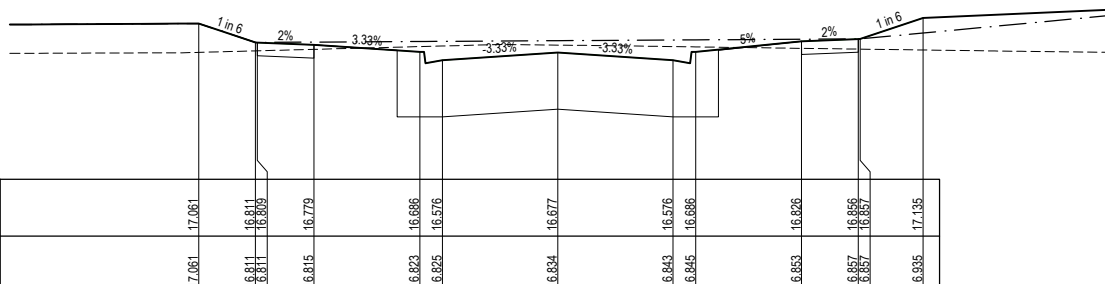
**NOTE: ALL OTHER FILL**  
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



DATUM RL 15.000

DESIGN SURFACE	BEW SURFACE	EXISTING SURFACE	OFFSET
-8.900	16.826	16.881	-8.900
-9.000	16.676	16.689	-9.000
-7.950	16.676	16.689	-7.950
-6.450	16.68	16.669	-6.450
-3.650	16.692	16.688	-3.650
-3.050	16.689	16.689	-3.050
0.000	16.699	16.726	0.000
3.050	16.708	16.441	3.050
3.650	16.71	16.561	3.650
6.450	16.718	16.681	6.450
7.950	16.722	16.721	7.950
8.000	16.722	16.722	8.000
10.000	16.725	16.775	10.000

LOW CH 124.688

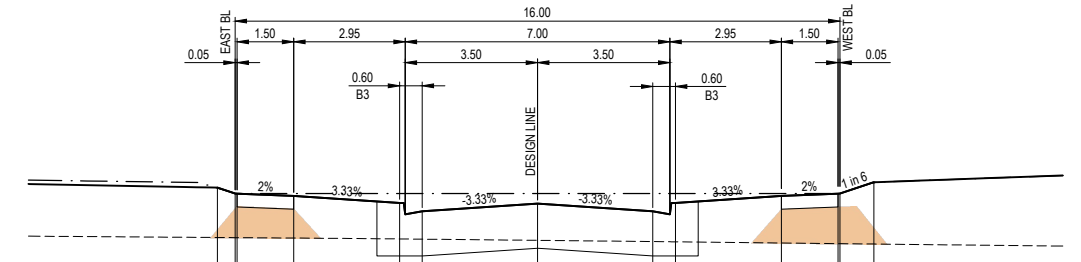


DATUM RL 15.000

DESIGN SURFACE	BEW SURFACE	EXISTING SURFACE	OFFSET
-8.900	16.879	17.061	-8.900
-9.000	16.889	16.811	-9.000
-7.950	16.7	16.809	-7.950
-6.450	16.719	16.815	-6.450
-3.650	16.756	16.823	-3.650
-3.050	16.763	16.826	-3.050
0.000	16.775	16.834	0.000
3.050	16.756	16.843	3.050
3.650	16.752	16.845	3.650
6.450	16.733	16.853	6.450
7.950	16.722	16.857	7.950
8.000	16.722	16.857	8.000
9.665	16.711	16.935	9.665

CH 112.188

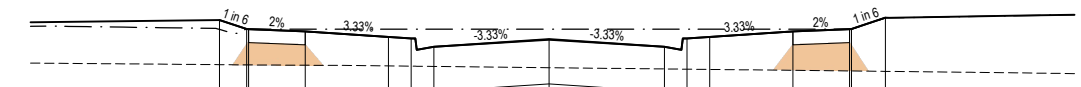
**GAMBUSIA ROAD**



DATUM RL 15.000

DESIGN SURFACE	BEW SURFACE	EXISTING SURFACE	OFFSET
-8.471	16.593	17.247	-8.471
-9.000	16.591	17.174	-9.000
-7.950	16.591	17.174	-7.950
-6.450	16.586	17.174	-6.450
-3.650	16.574	17.174	-3.650
-3.050	16.571	17.174	-3.050
0.000	16.556	17.174	0.000
3.050	16.539	17.174	3.050
3.650	16.536	17.174	3.650
6.450	16.52	17.174	6.450
7.950	16.512	17.174	7.950
8.000	16.512	17.174	8.000
8.900	16.507	17.316	8.900

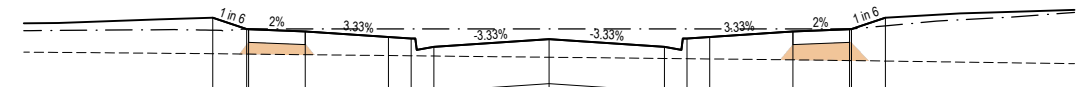
CH 35.958



DATUM RL 15.000

DESIGN SURFACE	BEW SURFACE	EXISTING SURFACE	OFFSET
-8.720	16.623	17.089	-8.720
-9.000	16.62	17.092	-9.000
-7.950	16.62	17.092	-7.950
-6.450	16.615	17.092	-6.450
-3.650	16.603	17.092	-3.650
-3.050	16.6	17.092	-3.050
0.000	16.583	17.092	0.000
3.050	16.566	17.092	3.050
3.650	16.563	17.092	3.650
6.450	16.548	17.092	6.450
7.950	16.54	17.092	7.950
8.000	16.539	17.092	8.000
8.900	16.534	17.241	8.900

CH 22.847



DATUM RL 15.000

DESIGN SURFACE	BEW SURFACE	EXISTING SURFACE	OFFSET
-8.900	16.635	16.946	-8.900
-9.000	16.63	16.962	-9.000
-7.950	16.63	16.962	-7.950
-6.450	16.622	16.962	-6.450
-3.650	16.607	16.962	-3.650
-3.050	16.604	16.962	-3.050
0.000	16.588	16.962	0.000
3.050	16.572	16.962	3.050
3.650	16.569	16.962	3.650
6.450	16.554	16.962	6.450
7.950	16.544	16.962	7.950
8.000	16.544	16.962	8.000
8.900	16.538	17.004	8.900

LOW 13.850

**STATURE CIRCUIT**

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P.BOTROS  
 Date 03/11/23  
 AN 3161090  
 Designed I.HUANG  
 Date 03/11/23  
 AN 4121017  
 Checked S. RAJKOVIC  
 Date 02/02/23  
 AN 2951106  
 Reg. Eng. K.PAGE  
 Date 28/01/25  
 Reg. No. PE0007400  
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**LEGEND**  
 - - - - - EXISTING SURFACE  
 ——— FINISHED SURFACE  
 ——— BULK EARTHWORKS SURFACE  
 ——— ROAD BOXING  
 ■■■■■ STRUCTURAL FILL



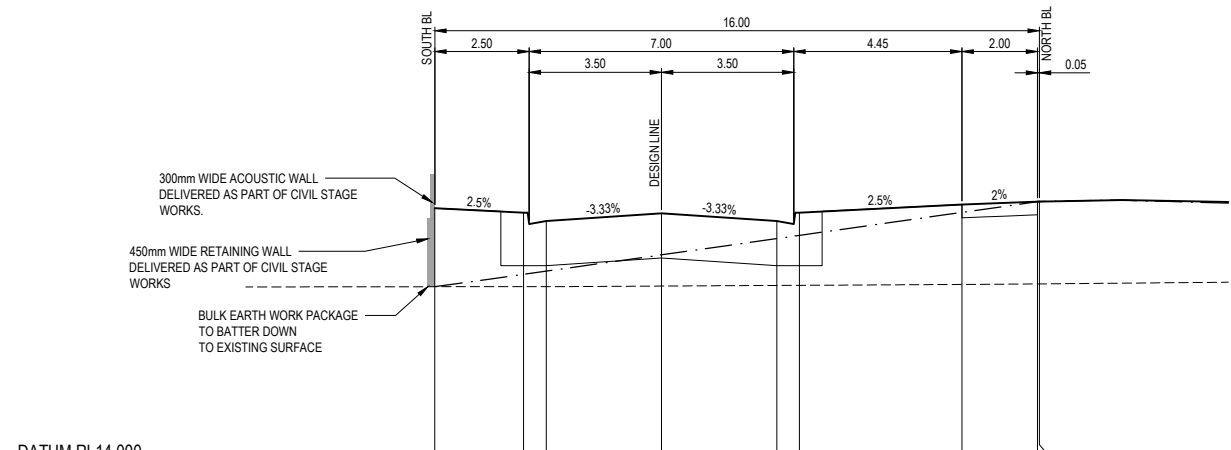
**RIVERWALK**  
 STAGE 45  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 CROSS SECTIONS  
 SHEET 02 OF 10  
 Drawing No: 10945XS02  
 Revision: AC1  
 Sheet No: 14 of 28

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 geelong wadawurrung  
 briarbare turral  
 dceng.com.au  
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 E info@dceng.com.au  
**AS CONSTRUCTED**

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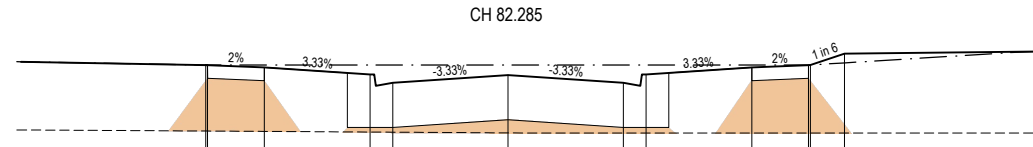
**NOTE: ALL OTHER FILL**  
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL

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



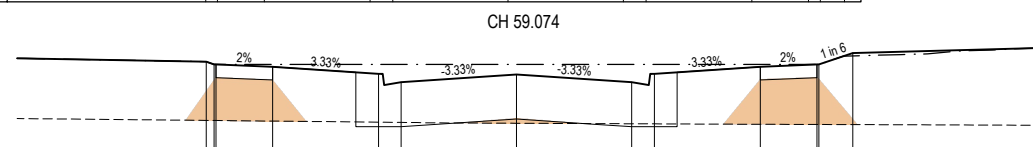
DATUM RL14.000

	0+00	0+25	0+50	0+75	1+00	1+25	1+50	1+75	2+00
DESIGN SURFACE	17.378	17.319	17.209	17.31	17.209	17.319	17.426	17.465	17.550
BEW SURFACE	16.34	16.504	16.547	16.762	16.977	17.02	17.323	17.464	17.550
EXISTING SURFACE	16.34	16.342	16.342	16.349	16.357	16.359	16.37	16.378	16.378
OFFSET	-6.000	-3.650	-3.650	0.000	3.050	3.650	7.950	9.950	10.000



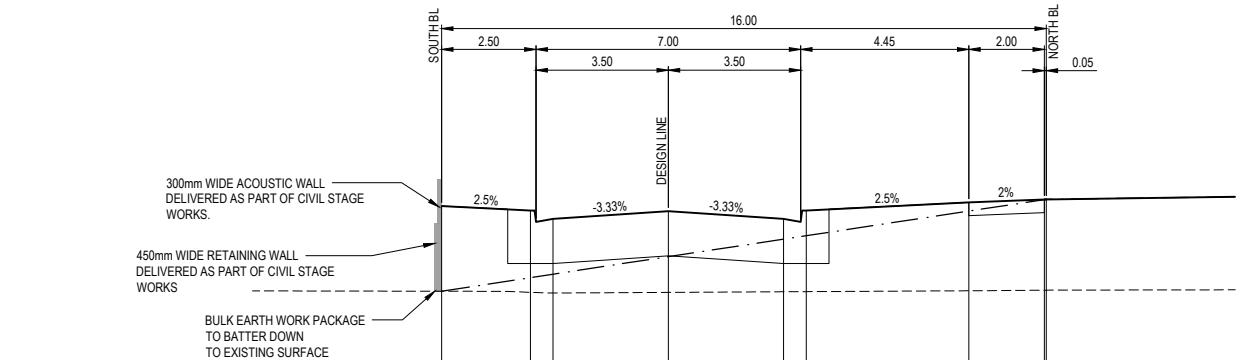
DATUM RL14.000

	0+00	0+25	0+50	0+75	1+00	1+25	1+50	1+75	2+00
DESIGN SURFACE	17.293	17.293	17.261	17.168	17.068	17.068	17.261	17.293	17.443
BEW SURFACE	16.42	16.42	16.415	16.406	16.393	16.393	16.393	16.421	16.421
EXISTING SURFACE	16.42	16.42	16.415	16.404	16.393	16.393	16.393	16.421	16.421
OFFSET	-6.000	-7.950	-6.450	-3.650	-3.050	0.000	6.450	7.950	8.900



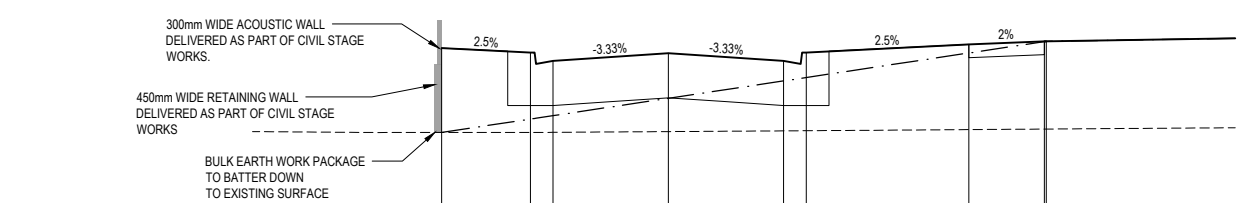
DATUM RL14.000

	0+00	0+25	0+50	0+75	1+00	1+25	1+50	1+75	2+00
DESIGN SURFACE	17.275	17.24	17.208	17.115	17.107	17.095	17.208	17.238	17.39
BEW SURFACE	16.88	16.88	16.89	16.875	16.861	16.853	16.861	16.884	16.884
EXISTING SURFACE	16.88	16.88	16.89	16.875	16.861	16.853	16.861	16.884	16.884
OFFSET	-8.210	-8.000	-6.450	-3.650	-3.050	0.000	6.450	7.950	8.900



DATUM RL14.000

	0+00	0+25	0+50	0+75	1+00	1+25	1+50	1+75	2+00
DESIGN SURFACE	17.532	17.473	17.363	17.465	17.363	17.473	17.581	17.621	17.623
BEW SURFACE	16.407	16.586	16.632	16.865	17.066	17.141	17.467	17.619	17.623
EXISTING SURFACE	16.407	16.392	16.393	16.392	16.4	16.402	16.413	16.421	16.421
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950	10.000



DATUM RL14.000

	0+00	0+25	0+50	0+75	1+00	1+25	1+50	1+75	2+00
DESIGN SURFACE	17.454	17.396	17.286	17.387	17.286	17.396	17.503	17.543	17.545
BEW SURFACE	16.339	16.516	16.561	16.791	17.021	17.066	17.39	17.541	17.545
EXISTING SURFACE	16.339	16.34	16.341	16.351	16.36	16.362	16.377	16.384	16.384
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950	10.000

STATURE CIRCUIT

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P.BOTROS  
 Date 03/11/23  
 AN 3161090  
 Designed I.HUANG  
 Date 03/11/23  
 AN 4121017  
 Checked S. RAJKOVIC  
 Date 02/02/23  
 AN 2951106  
 Reg. Eng. K.PAGE  
 Date 28/01/25  
 Reg. No. PE0007400  
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**LEGEND**

- EXISTING SURFACE
- FINISHED SURFACE
- - - BULK EARTHWORKS SURFACE
- ROAD BOXING
- STRUCTURAL FILL

Coordinates: MGA94  
 Levels: AHD

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

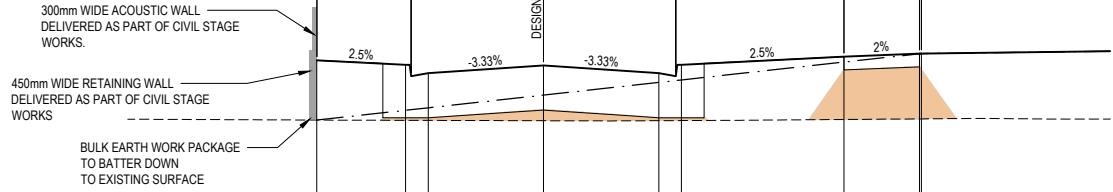
**RIVERWALK**  
 STAGE 45  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 CROSS SECTIONS  
 SHEET 03 OF 10  
 Drawing No: 10945XS03  
 Revision: AC1 Sheet No: 15 of 28

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

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

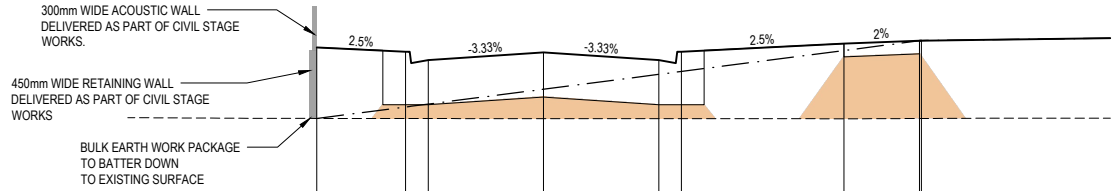
**NOTE: BULK EARTHWORKS (BEW)**  
 BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS. REFER TO DCE PROJECT REF #10873

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



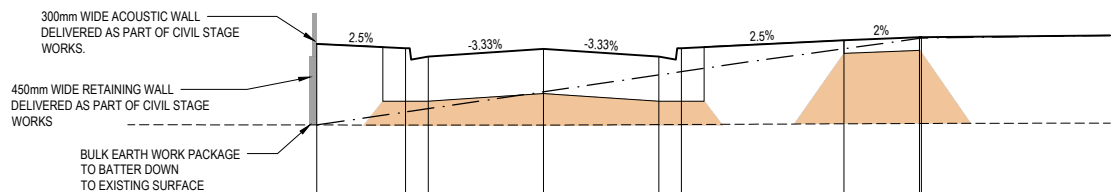
DATUM RL15.000

DESIGN SURFACE	17.271	17.312	17.304	17.202	17.312	17.419	17.459	17.461
BEW SURFACE	16.582	16.711	16.744	17.079	17.112	17.349	17.458	17.461
EXISTING SURFACE	16.582	16.578	16.577	16.573	16.575	16.589	16.597	16.597
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950



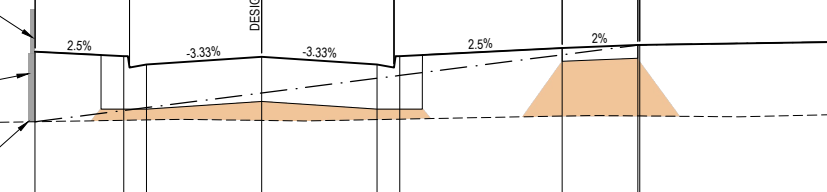
DATUM RL14.000

DESIGN SURFACE	17.441	17.382	17.373	17.272	17.382	17.489	17.529	17.531
BEW SURFACE	16.501	16.629	16.661	17.003	17.032	17.369	17.478	17.481
EXISTING SURFACE	16.501	16.499	16.499	16.497	16.497	16.497	16.5	16.5
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950



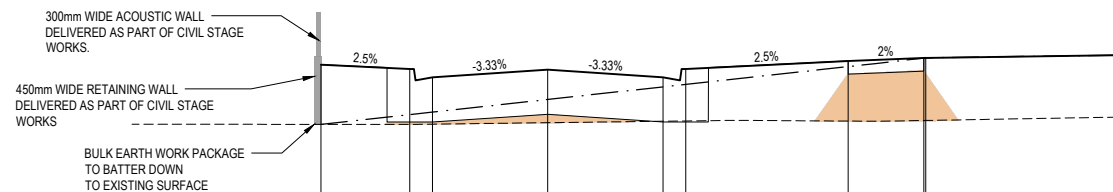
DATUM RL14.000

DESIGN SURFACE	17.511	17.452	17.444	17.342	17.452	17.559	17.599	17.601
BEW SURFACE	16.438	16.61	16.654	17.1	17.144	17.446	17.554	17.557
EXISTING SURFACE	16.438	16.437	16.437	16.443	16.444	16.454	16.458	16.458
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950



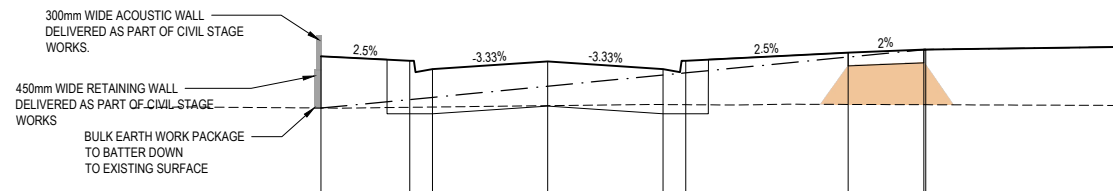
DATUM RL15.000

DESIGN SURFACE	17.176	17.117	17.007	17.109	17.007	17.117	17.224	17.264	17.266
BEW SURFACE	16.25	16.389	16.437	16.631	16.625	16.863	17.136	17.243	17.246
EXISTING SURFACE	16.25	16.27	16.274	16.268	16.279	16.284	16.325	16.327	16.327
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950	10.000



DATUM RL15.000

DESIGN SURFACE	17.238	17.179	17.069	17.171	17.069	17.179	17.287	17.327	17.329
BEW SURFACE	16.449	16.577	16.61	16.777	16.771	16.944	17.213	17.321	17.324
EXISTING SURFACE	16.449	16.448	16.451	16.47	16.483	16.493	16.499	16.5	16.5
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950	10.000



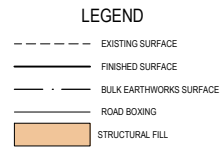
DATUM RL15.000

DESIGN SURFACE	17.301	17.242	17.132	17.234	17.132	17.242	17.349	17.389	17.391
BEW SURFACE	16.618	16.729	16.758	16.906	16.904	17.054	17.322	17.430	17.433
EXISTING SURFACE	16.618	16.627	16.631	16.649	16.663	16.661	16.681	16.681	16.681
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950	10.000

STATURE CIRCUIT

AC1	AS CONSTRUCTED	03/12/25	FM	KP
REV	DESCRIPTION	DATE	AMEND	APPD

Drawn P.BOTROS  
 Date 03/11/23  
 AN 3161090  
 Designed I.HUANG  
 Date 03/11/23  
 AN 4121017  
 Checked S. RAJKOVIC  
 Date 02/02/23  
 AN 2951106  
 Reg. Eng. K.PAGE  
 Date 28/01/25  
 Reg. No. PE0007400  
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**RIVERWALK STAGE 45**  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 CROSS SECTIONS  
 SHEET 04 OF 10  
 Drawing No: 10945XS04  
 Revision: AC1  
 Sheet No: 16 of 28

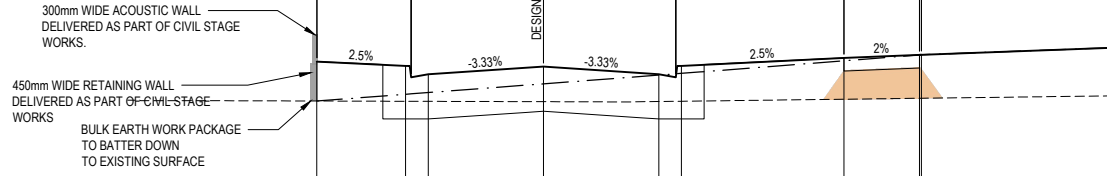
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 briarbare turral  
 dceng.com.au  
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 T +61 3 5246 1700  
 T +61 7 3374 9000  
 E info@dceng.com.au

**AS CONSTRUCTED**

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

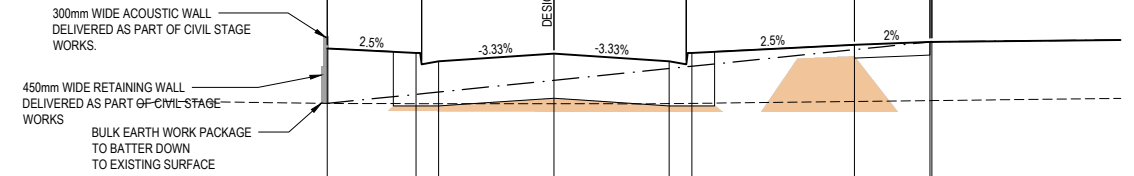
**NOTE: BULK EARTHWORKS (BEW)**  
 BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS. REFER TO DCE PROJECT REF #10873

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



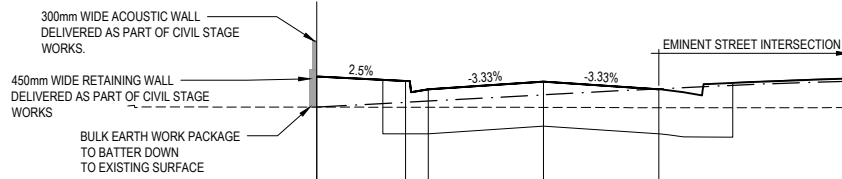
DATUM RL14.000		0+00	0+10	0+20	0+30	0+40	0+50
DESIGN SURFACE		17.075	17.018	16.805	17.008	16.805	17.164
BEW SURFACE		16.553	16.642	16.805	16.781	16.886	17.164
EXISTING SURFACE		16.553	16.55	16.549	16.545	16.547	16.59
OFFSET		-6.000	-3.650	-3.050	0.000	3.050	3.650

CH 255.783



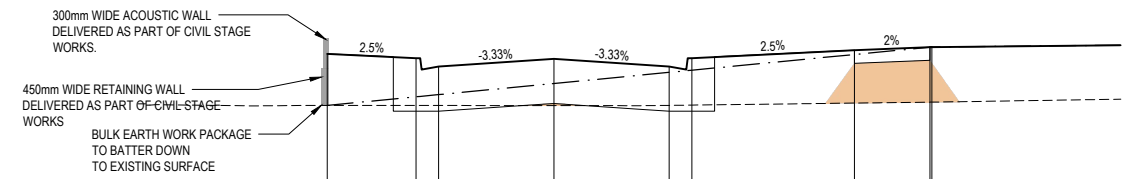
DATUM RL14.000		0+00	0+10	0+20	0+30	0+40	0+50
DESIGN SURFACE		17.292	17.193	17.083	17.185	17.083	17.341
BEW SURFACE		16.527	16.647	16.877	16.833	16.988	17.341
EXISTING SURFACE		16.527	16.524	16.524	16.523	16.524	16.564
OFFSET		-6.000	-3.650	-3.050	0.000	3.050	3.650

CH 291.198



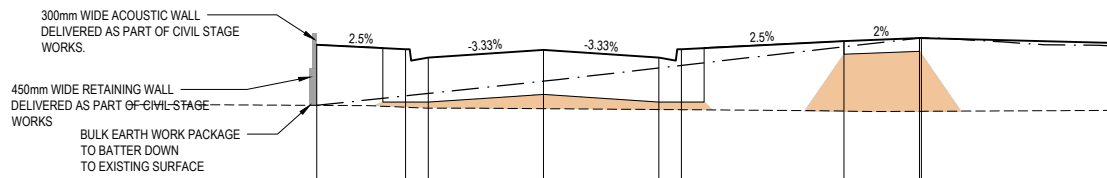
DATUM RL14.000		0+00	0+10	0+20	0+30	0+40
DESIGN SURFACE		16.986	16.928	16.818	16.919	16.818
BEW SURFACE		16.561	16.645	16.861	16.744	16.823
EXISTING SURFACE		16.581	16.58	16.58	16.578	16.573
OFFSET		-6.000	-3.650	-3.050	0.000	3.050

CH 230.436



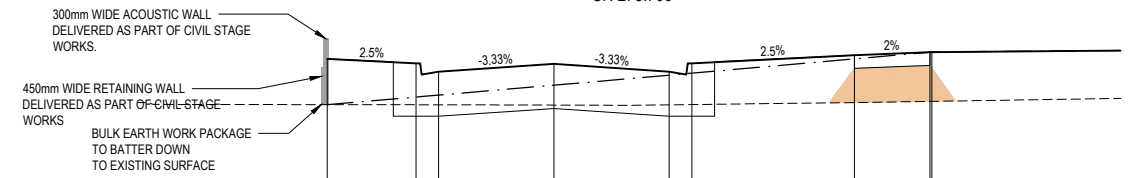
DATUM RL14.000		0+00	0+10	0+20	0+30	0+40	0+50
DESIGN SURFACE		17.19	17.131	17.021	17.123	17.021	17.279
BEW SURFACE		16.508	16.621	16.65	16.798	16.945	17.279
EXISTING SURFACE		16.508	16.507	16.507	16.505	16.512	16.551
OFFSET		-6.000	-3.650	-3.050	0.000	3.050	3.650

CH 278.706



DATUM RL14.000		0+00	0+10	0+20	0+30	0+40	0+50
DESIGN SURFACE		17.089	17.03	16.92	17.021	16.92	17.177
BEW SURFACE		16.288	16.413	16.445	16.608	16.781	17.177
EXISTING SURFACE		16.888	16.263	16.251	16.244	16.233	16.263
OFFSET		-6.000	-3.650	-3.050	0.000	3.050	3.650

CH 210.000



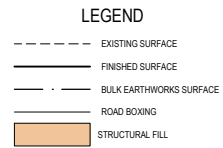
DATUM RL14.000		0+00	0+10	0+20	0+30	0+40	0+50
DESIGN SURFACE		17.127	17.088	16.988	17.06	16.988	17.216
BEW SURFACE		16.522	16.623	16.648	16.779	16.912	17.216
EXISTING SURFACE		16.522	16.52	16.52	16.516	16.512	16.551
OFFSET		-6.000	-3.650	-3.050	0.000	3.050	3.650

CH 266.195

STATURE CIRCUIT

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P.BOTROS  
 Date 03/11/23  
 AN 3161090  
 Designed I.HUANG  
 Date 03/11/23  
 AN 4121017  
 Checked S. RAJKOVIC  
 Date 02/02/23  
 AN 2951106  
 Reg. Eng. K.PAGE  
 Date 28/01/25  
 Reg. No. PE0007400  
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**RIVERWALK**  
 STAGE 45  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 CROSS SECTIONS  
 SHEET 05 OF 10  
 Drawing No: 10945XS05  
 Revision: AC1  
 Sheet No: 17 of 28

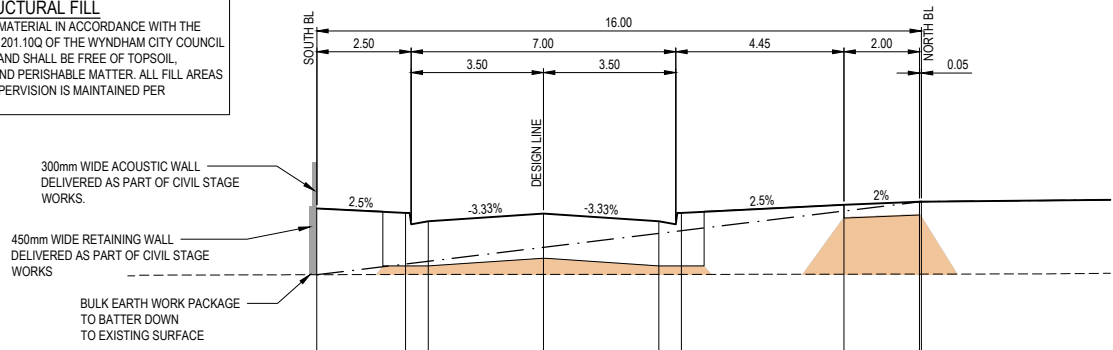
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 T +61 3 9813 7400  
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 E info@dceng.com.au

**AS CONSTRUCTED**

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

**NOTE: BULK EARTHWORKS (BEW)**  
 BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS. REFER TO DCE PROJECT REF #10873

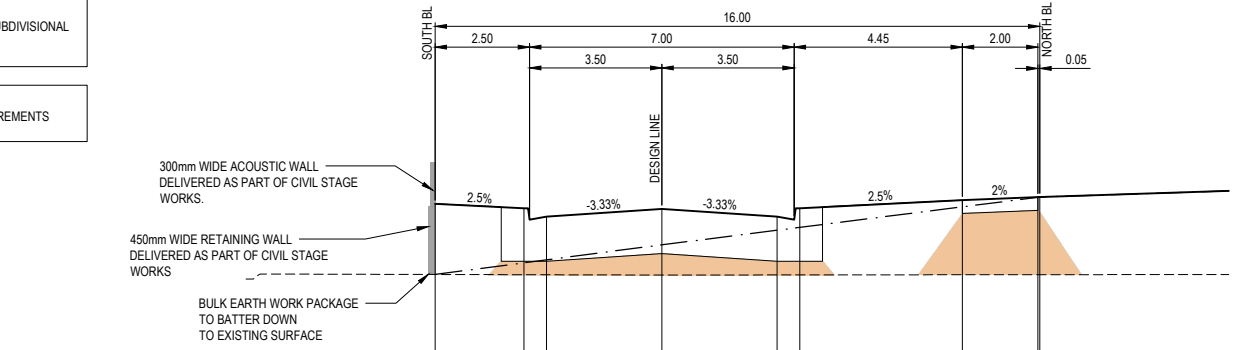
**NOTE: ALL OTHER FILL**  
 FILLING COMPACTED TO ASS798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL



DATUM RL15.000

DESIGN SURFACE	17.42	17.361	17.353	17.251	17.361	17.468	17.508	17.51
BEW SURFACE	16.544	16.686	16.906	17.09	17.127	17.386	17.507	17.51
EXISTING SURFACE	16.544	16.547	16.548	16.548	16.548	16.551	16.552	16.552
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950

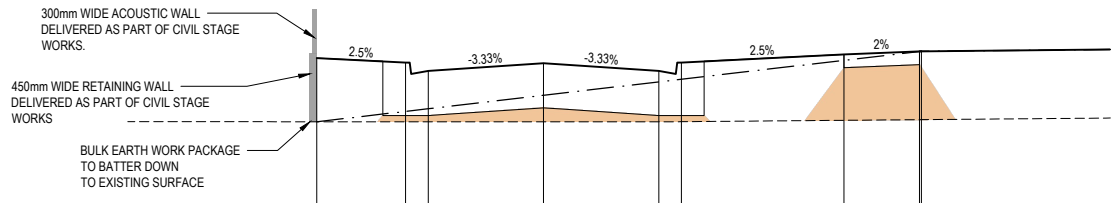
CH 324.702



DATUM RL15.000

DESIGN SURFACE	17.461	17.422	17.414	17.312	17.422	17.529	17.569	17.571
BEW SURFACE	16.547	16.701	16.939	17.132	17.17	17.442	17.568	17.571
EXISTING SURFACE	16.547	16.544	16.539	16.541	16.541	16.543	16.544	16.544
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950

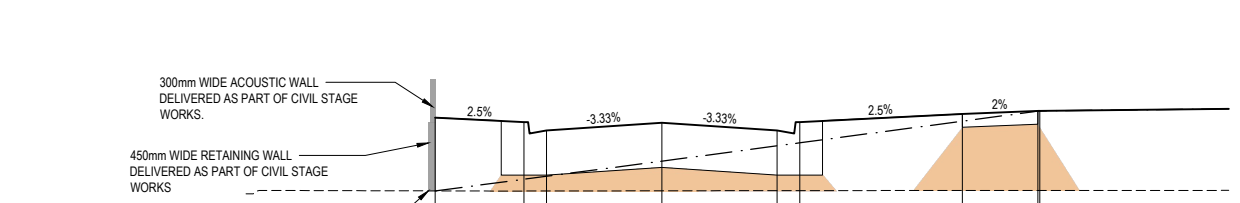
CH 349.689



DATUM RL15.000

DESIGN SURFACE	17.367	17.308	17.3	17.198	17.308	17.416	17.456	17.458
BEW SURFACE	16.526	16.663	16.876	17.064	17.088	17.338	17.456	17.458
EXISTING SURFACE	16.526	16.526	16.525	16.525	16.527	16.545	16.544	16.544
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950

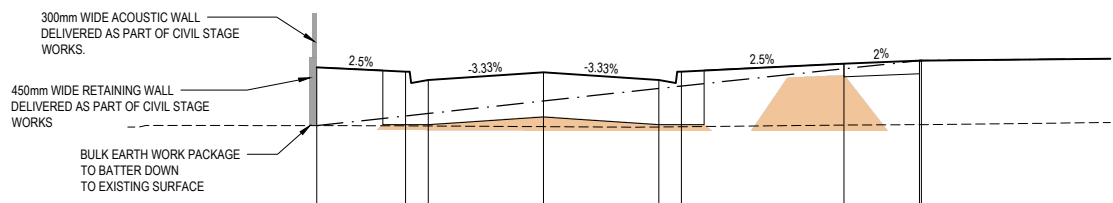
CH 314.203



DATUM RL16.000

DESIGN SURFACE	17.513	17.454	17.446	17.344	17.454	17.561	17.601	17.603
BEW SURFACE	16.545	16.699	16.938	17.141	17.181	17.467	17.581	17.583
EXISTING SURFACE	16.545	16.543	16.546	16.548	16.548	16.55	16.551	16.551
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950

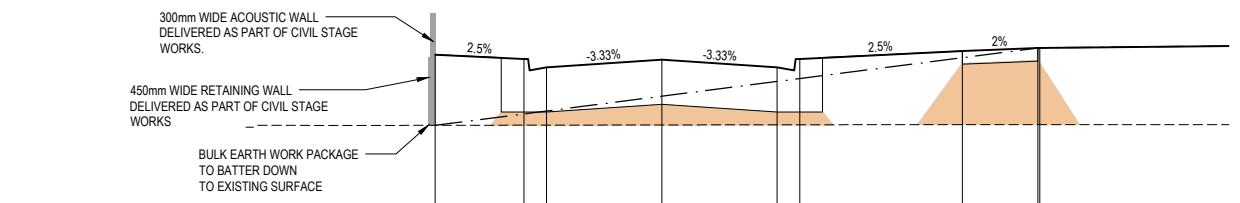
CH 343.294



DATUM RL15.000

DESIGN SURFACE	17.315	17.296	17.248	17.146	17.296	17.363	17.403	17.405
BEW SURFACE	16.543	16.671	16.87	17.035	17.067	17.296	17.402	17.405
EXISTING SURFACE	16.543	16.541	16.539	16.539	16.539	16.551	16.551	16.551
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950

CH 303.696



DATUM RL15.000

DESIGN SURFACE	17.462	17.423	17.415	17.313	17.423	17.531	17.571	17.573
BEW SURFACE	16.548	16.698	16.932	17.133	17.166	17.441	17.568	17.573
EXISTING SURFACE	16.548	16.549	16.552	16.555	16.555	16.556	16.556	16.556
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950

CH 337.200

STATURE CIRCUIT

Drawn	P.BOTROS	Date	03/11/23
AN	3161090	Designed	I.HUANG
Date	03/11/23	AN	4121017
Checked	S. RAJKOVIC	Date	02/02/23
AN	2951106	Reg. Eng.	K.PAGE
Date	28/01/25	Reg. No.	PE0007400
AN			
AC1	AS CONSTRUCTED	03/12/25	FM KP
REV	DESCRIPTION	DATE	AMEND APPD

**LEGEND**

- EXISTING SURFACE
- FINISHED SURFACE
- BULK EARTHWORKS SURFACE
- ROAD BOXING
- STRUCTURAL FILL

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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DEVELOPMENT VICTORIA

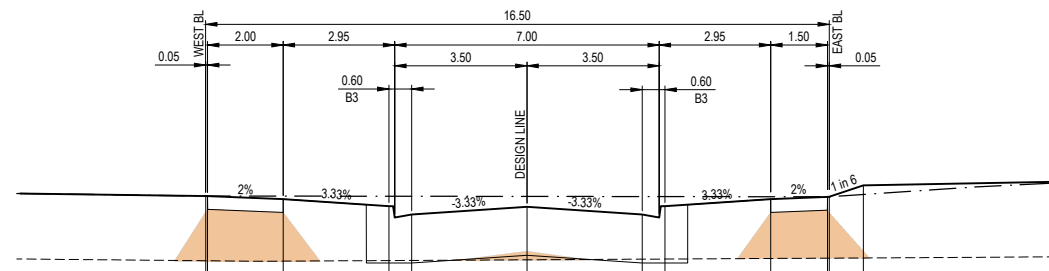
**RIVERWALK STAGE 45**  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 CROSS SECTIONS  
 SHEET 06 OF 10  
 Drawing No: 10945XS06  
 Revision: AC1  
 Sheet No: 18 of 28

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

**AS CONSTRUCTED**

Coordinates: MGA94  
 Levels: AHD

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



**NOTE: BULK EARTHWORKS (BEW)**  
 BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS. REFER TO DCE PROJECT REF #10873

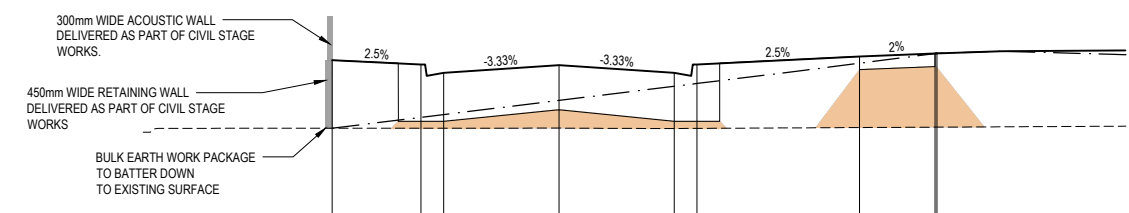
**NOTE: ALL OTHER FILL**  
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL

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

DATUM RL14.000

DESIGN SURFACE	17.312	17.27	17.177	17.169	17.067	17.177	17.27	17.302	17.452
BEW SURFACE	17.312	17.311	17.309	17.307	17.305	17.305	17.303	17.302	17.332
EXISTING SURFACE	16.466	16.451	16.458	16.468	16.477	16.478	16.486	16.49	16.493
OFFSET	-8.500	-4.450	-3.650	0.000	3.050	3.650	6.450	7.950	8.900

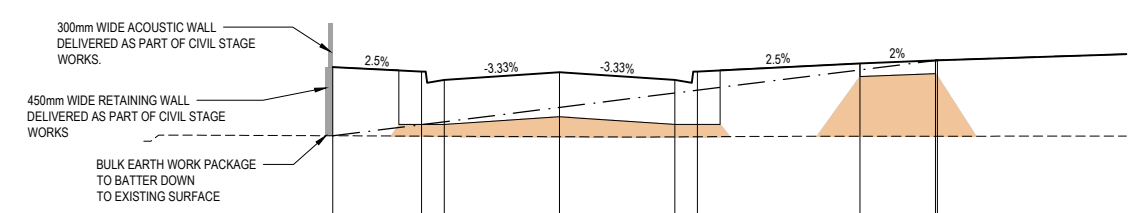
CH 391.303



DATUM RL15.000

DESIGN SURFACE	17.384	17.325	17.215	17.317	17.215	17.285	17.433	17.473
BEW SURFACE	16.484	16.628	16.685	16.852	17.039	17.076	17.243	17.471
EXISTING SURFACE	16.484	16.484	16.484	16.485	16.48	16.482	16.493	16.498
OFFSET	-6.000	-3.650	-3.650	0.000	3.050	3.650	7.950	9.950

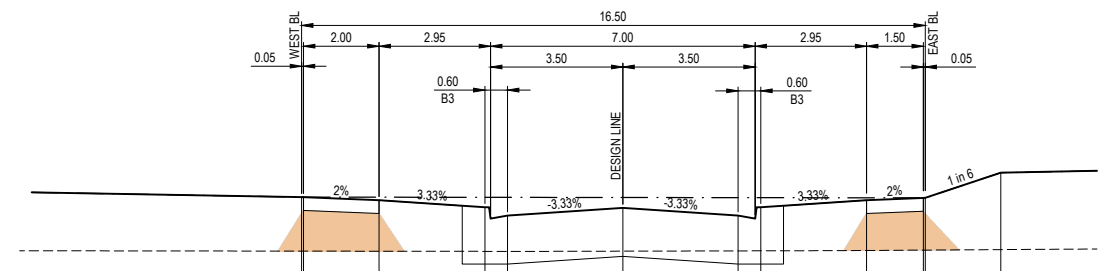
CH 369.033



DATUM RL15.000

DESIGN SURFACE	17.45	17.391	17.281	17.383	17.281	17.391	17.539	17.54
BEW SURFACE	16.542	16.689	16.726	16.917	17.107	17.145	17.317	17.54
EXISTING SURFACE	16.542	16.537	16.536	16.529	16.527	16.529	16.536	16.536
OFFSET	-6.000	-3.650	-3.050	0.000	3.050	3.650	7.950	9.950

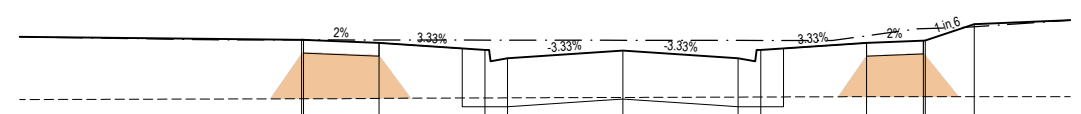
CH 355.864



DATUM RL14.000

DESIGN SURFACE	17.206	17.165	17.071	17.063	16.961	17.071	17.165	17.186	17.53
BEW SURFACE	17.206	17.205	17.203	17.201	17.203	17.203	17.197	17.186	17.53
EXISTING SURFACE	16.494	16.494	16.491	16.499	16.49	16.493	16.496	16.498	16.504
OFFSET	-8.500	-4.450	-3.650	0.000	3.050	3.650	6.450	7.950	10.000

CH 412.415



DATUM RL14.000

DESIGN SURFACE	17.274	17.232	17.139	17.131	17.029	17.139	17.232	17.262	17.46
BEW SURFACE	17.274	17.273	17.271	17.269	17.267	17.267	17.265	17.264	17.353
EXISTING SURFACE	16.49	16.493	16.5	16.507	16.512	16.513	16.518	16.52	16.522
OFFSET	-8.500	-4.450	-3.650	0.000	3.050	3.650	6.450	7.950	9.296

CH 398.906

STATURE CIRCUIT

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P.BOTROS  
 Date 03/11/23  
 AN 3161090  
 Designed I.HUANG  
 Date 03/11/23  
 AN 4121017  
 Checked S. RAJKOVIC  
 Date 02/02/23  
 AN 2951106  
 Reg. Eng. K.PAGE  
 Date 28/01/25  
 Reg. No. PE0007400  
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LEGEND

---	EXISTING SURFACE
—	FINISHED SURFACE
—	BULK EARTHWORKS SURFACE
—	ROAD BOXING
■	STRUCTURAL FILL

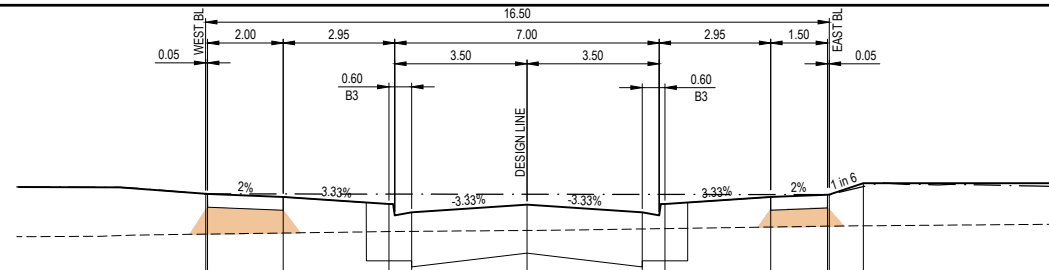
Coordinates: MGA94  
 Levels: AHD



RIVERWALK  
 STAGE 45  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 CROSS SECTIONS  
 SHEET 07 OF 10  
 Drawing No: 10945XS07  
 Revision: AC1  
 Sheet No: 19 of 28

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**AS CONSTRUCTED**



**NOTE: BULK EARTHWORKS (BEW)**  
 BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS. REFER TO DCE PROJECT REF #10873

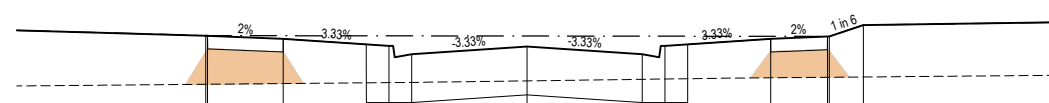
**NOTE: ALL OTHER FILL**  
 FILLING COMPACTED TO AS3798-2007 LEVEL 1 REQUIREMENTS WITH APPROVED FILL MATERIAL

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

DATUM RL14.000

DESIGN SURFACE		17.008	17.007	16.813	16.803	16.805	16.803	16.813	17.007	17.037	17.038
BEW SURFACE		17.048	17.047	17.045	17.045	17.043	17.041	17.041	17.039	17.038	17.038
EXISTING SURFACE		16.516	16.53	16.55	16.552	16.565	16.584	16.589	16.61	16.621	16.622
OFFSET		8.500	8.450	3.650	3.650	0.000	3.050	3.650	6.450	7.950	8.000

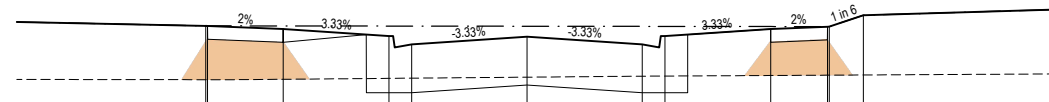
KTP 444.015



DATUM RL14.000

DESIGN SURFACE		17.001	17.06	16.966	16.966	16.958	16.956	16.956	17.06	17.09	17.091
BEW SURFACE		17.011	17.1	17.098	17.098	17.096	17.094	17.094	17.092	17.091	17.091
EXISTING SURFACE		16.468	16.467	16.48	16.483	16.503	16.523	16.528	16.544	16.55	16.551
OFFSET		8.500	8.450	3.650	3.050	0.000	3.050	3.650	6.450	7.950	8.000

CH 433.415



DATUM RL14.000

DESIGN SURFACE		17.154	17.112	17.019	16.909	17.011	16.909	17.019	17.112	17.142	17.144
BEW SURFACE		17.154	17.151	17.151	17.151	17.149	17.147	17.147	17.145	17.144	17.144
EXISTING SURFACE		16.442	16.447	16.459	16.462	16.475	16.488	16.49	16.498	16.502	16.502
OFFSET		8.500	8.450	3.650	3.050	0.000	3.050	3.650	6.450	7.950	8.000

KTP 422.915

STATURE CIRCUIT

Drawn	P.BOTROS	Date	03/11/23	AN	3161090
Designed	I.HUANG	Date	03/11/23	AN	4121017
Checked	S. RAJKOVIC	Date	02/02/23	AN	2951106
Reg. Eng.	K.PAGE	Date	28/01/25	Reg. No.	PE0007400

**LEGEND**

- EXISTING SURFACE
- FINISHED SURFACE
- - - BULK EARTHWORKS SURFACE
- ROAD BOXING
- STRUCTURAL FILL

Coordinates: MGA94  
 Levels: AHD

**DEVELOPMENT VICTORIA**  
 Scale @ A1/A3 H1:100/200 V1:50/100

**RIVERWALK**  
 STAGE 45  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 CROSS SECTIONS  
 SHEET 08 OF 10  
 Drawing No: 10945XS08  
 Revision: AC1 Sheet No: 20 of 28

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**AS CONSTRUCTED**

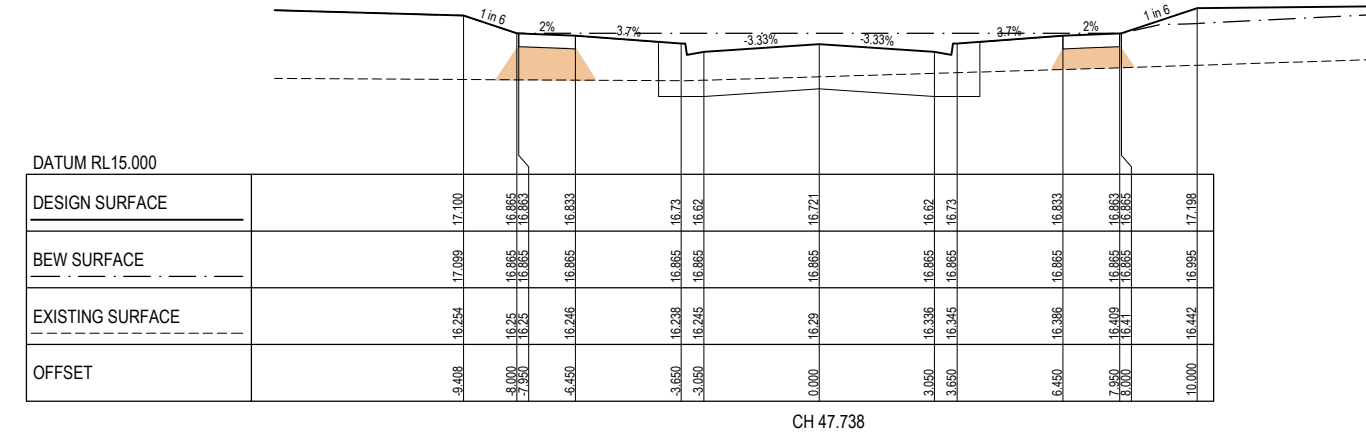
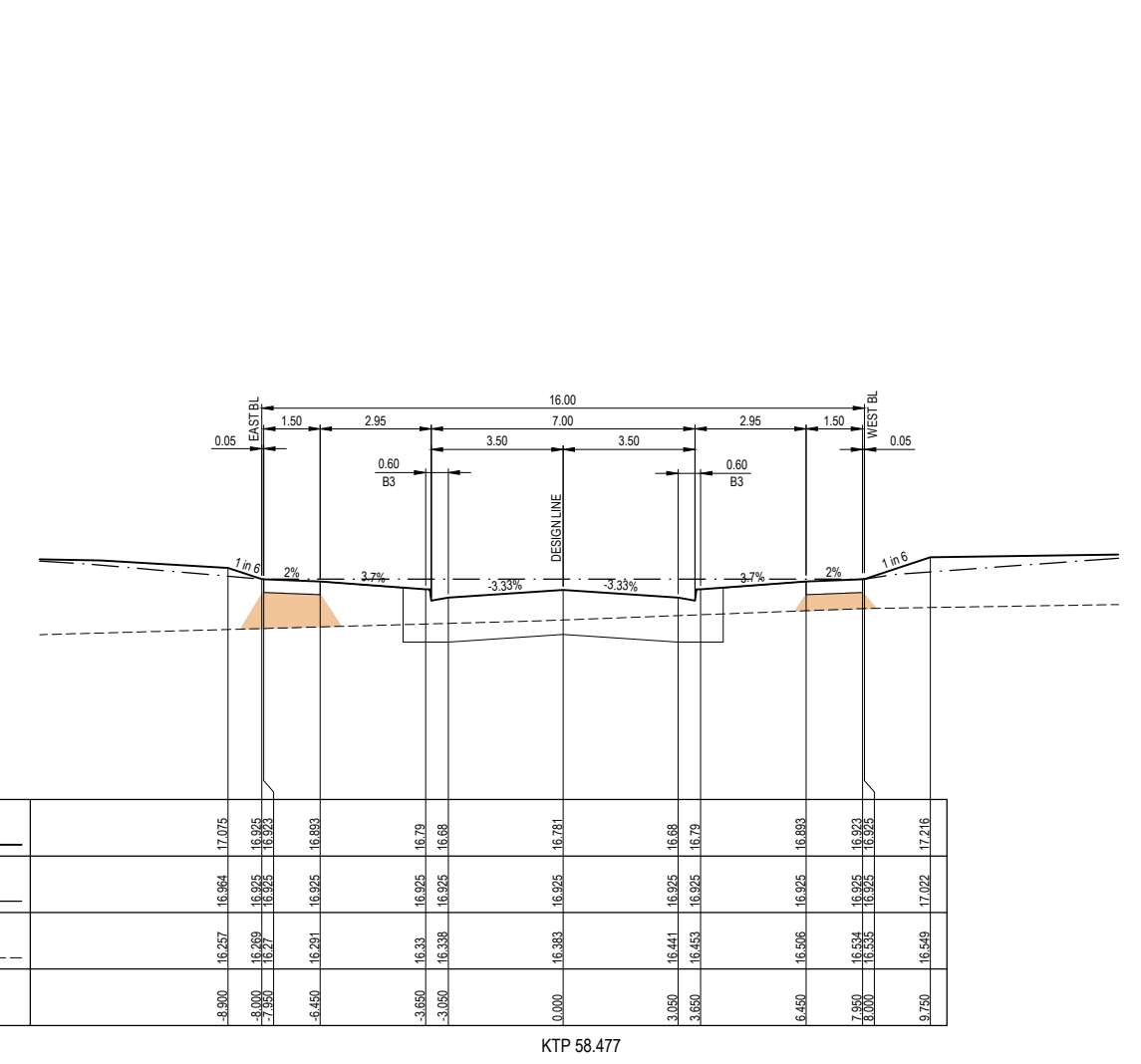
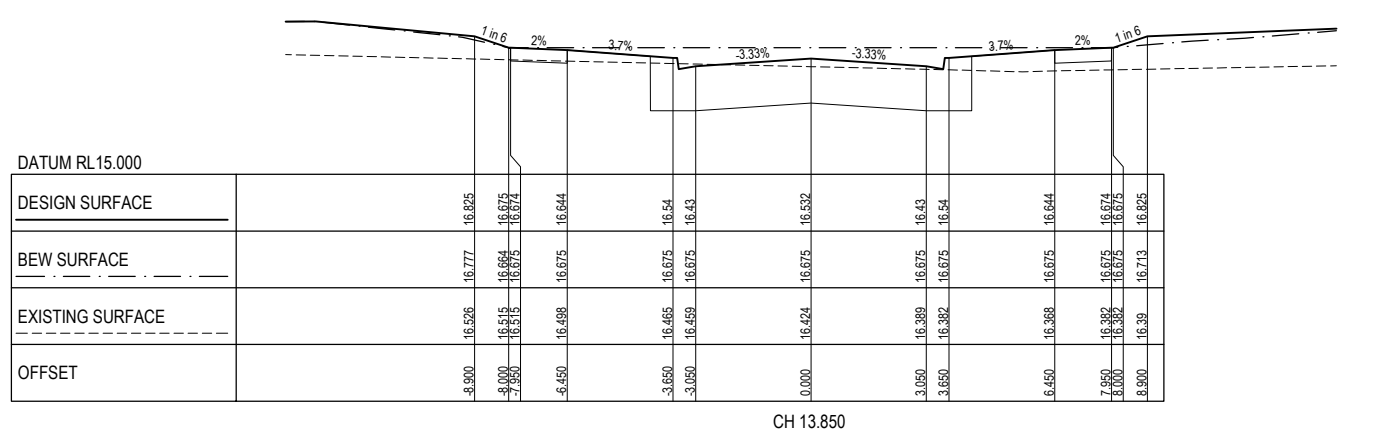
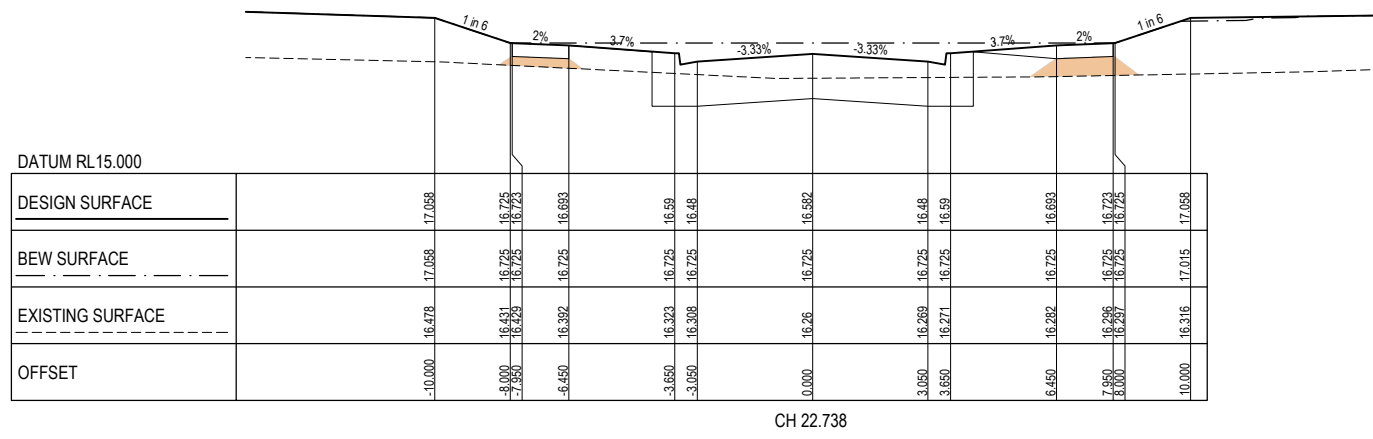
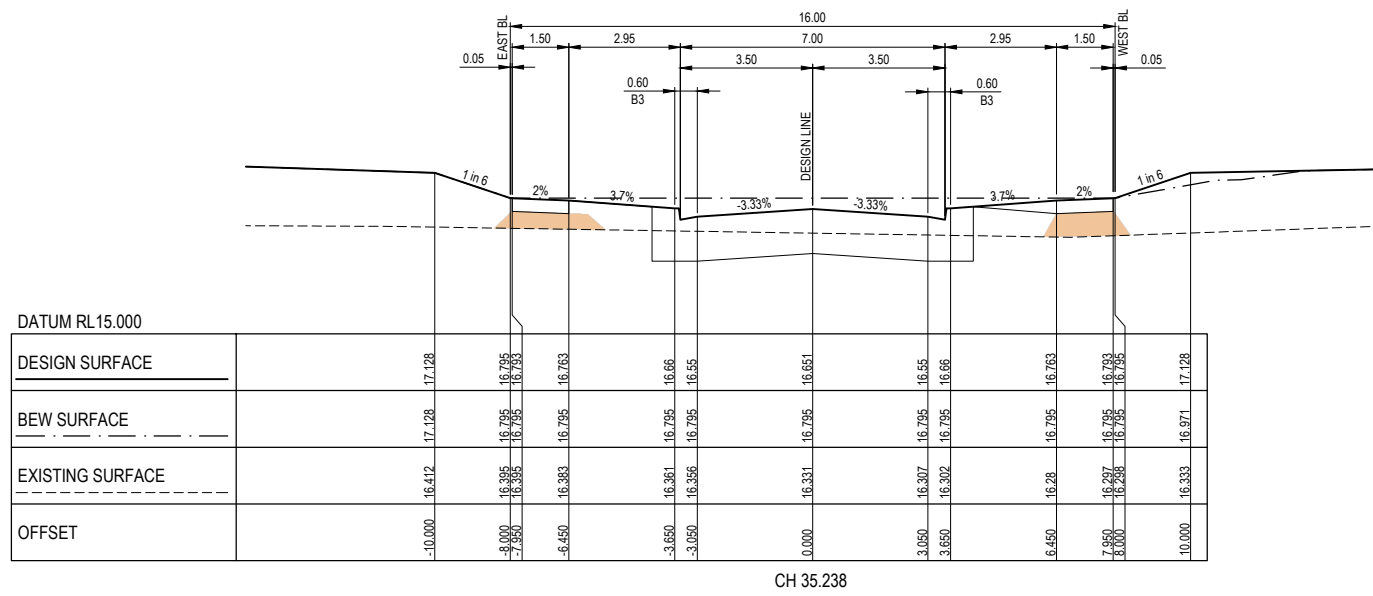
Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

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**NOTE: BULK EARTHWORKS (BEW)**  
 BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS. REFER TO DCE PROJECT REF #10873

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

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



**EMINENT STREET**

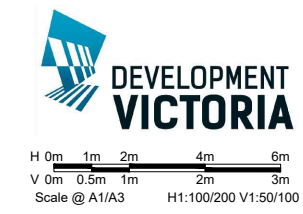
REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P.BOTROS  
 Date 03/11/23  
 AN 3161090  
 Designed I.HUANG  
 Date 03/11/23  
 AN 4121017  
 Checked S. RAJKOVIC  
 Date 02/02/23  
 AN 2951106  
 Reg. Eng. K.PAGE  
 Date 28/01/25  
 Reg. No. PE0007400

**LEGEND**  
 - - - - - EXISTING SURFACE  
 ——— FINISHED SURFACE  
 ——— BULK EARTHWORKS SURFACE  
 ——— ROAD BOXING  
 ■■■■■ STRUCTURAL FILL

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.

Coordinates: MGA94  
 Levels: AHD

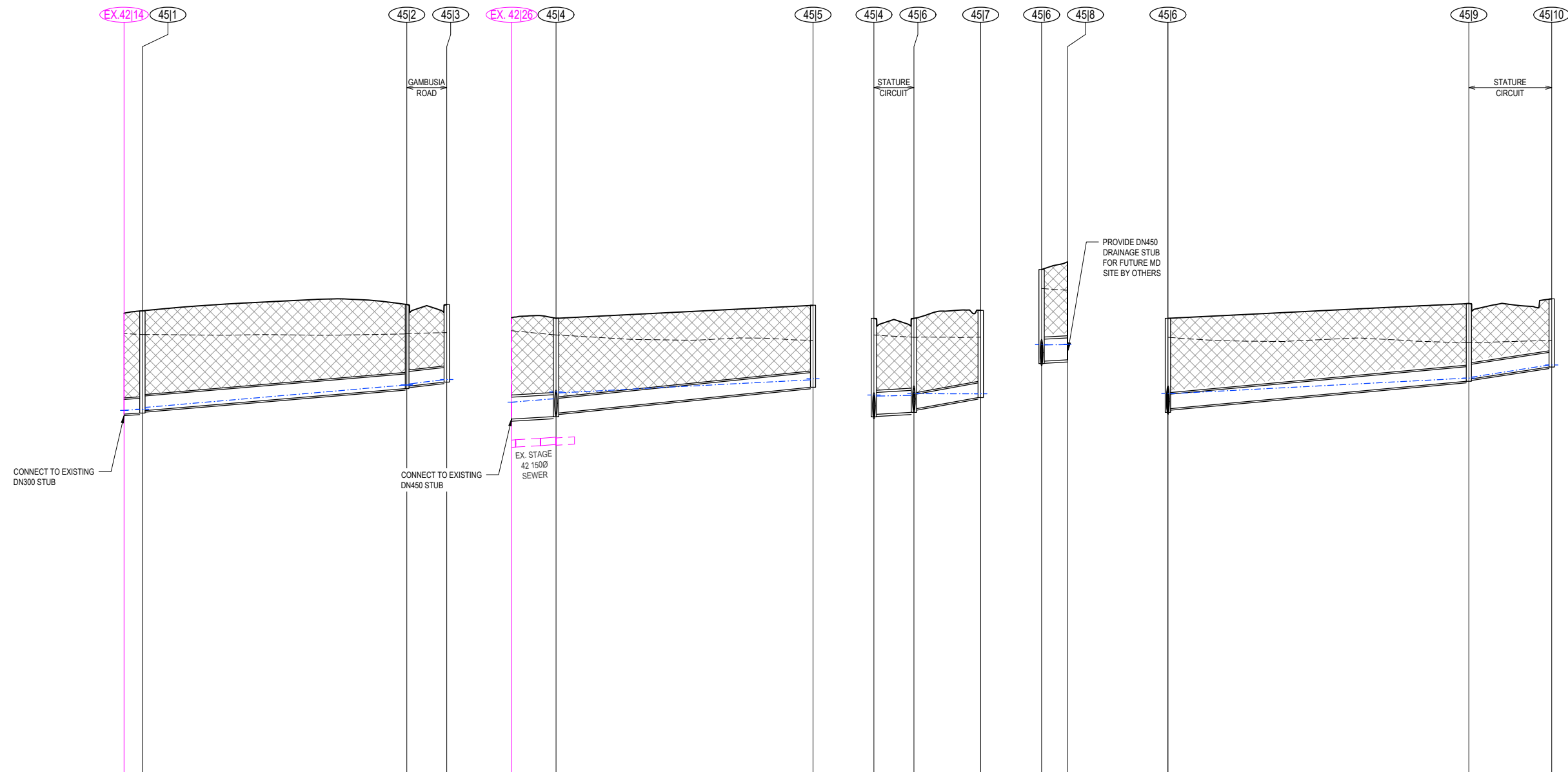


**RIVERWALK**  
 STAGE 45  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 CROSS SECTIONS  
 SHEET 09 OF 10  
 Drawing No: 10945XS09  
 Revision: AC1  
 Sheet No: 21 of 28

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**AS CONSTRUCTED**

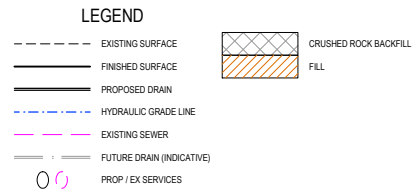




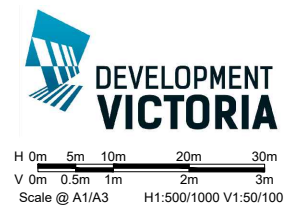
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VELOCITY (m/s)		0.717	CLASS 6			1.484	CLASS 3						CLASS 3		0.718
PIPE GRADE VELOCITY		1.020	0.809			1.337	1.040						0.783		1.636
PIPE GRADE %		0.556%	0.833%			0.556%	1.000%						0.909%		1.429%
PIPE FLOW (m <sup>3</sup> /s)		0.010	0.009			0.170	0.018						0.007		0.003
PIPE CAPACITY AT GRADE		0.072	0.088			0.213	0.097						0.202		0.116
PIPE SIZE (mm)		300	300			450	300						300		300
DATUM		5.000	5.000			5.000	5.000						5.000		5.000
DEPTH TO INVERT		2.070	2.070			2.079	2.020						1.854		1.388
HYDRAULIC GRADE LINE		15.042	15.083			15.151	15.216						15.350		15.975
INVERT LEVEL		14.967	14.967			14.881	14.912						15.078		15.931
DESIGN SURFACE LEVEL		17.037	17.082			16.843	16.831						17.234		17.330
EXISTING SURFACE LEVEL		16.619	16.599			16.576	16.589						16.428		16.481
CHAINAGE	0.000	3.757	54.225		57.982	9.106	52.712		61.818	8.200	66.182	17.215	0.000	61.725	16.990

AC1	AS CONSTRUCTED	03/12/25	FM	KP
REV	DESCRIPTION	DATE	AMEND	APPD

Drawn P. BOTROS  
 Date 03/11/23  
 AN 3161090  
 Designed I. HUANG  
 Date 03/11/23  
 AN 4121017  
 Checked S. RAJKOVIC  
 Date 02/02/23  
 AN 2951106  
 Reg. Eng. K. PAGE  
 Date 28/01/25  
 Reg. No. PE0007400  
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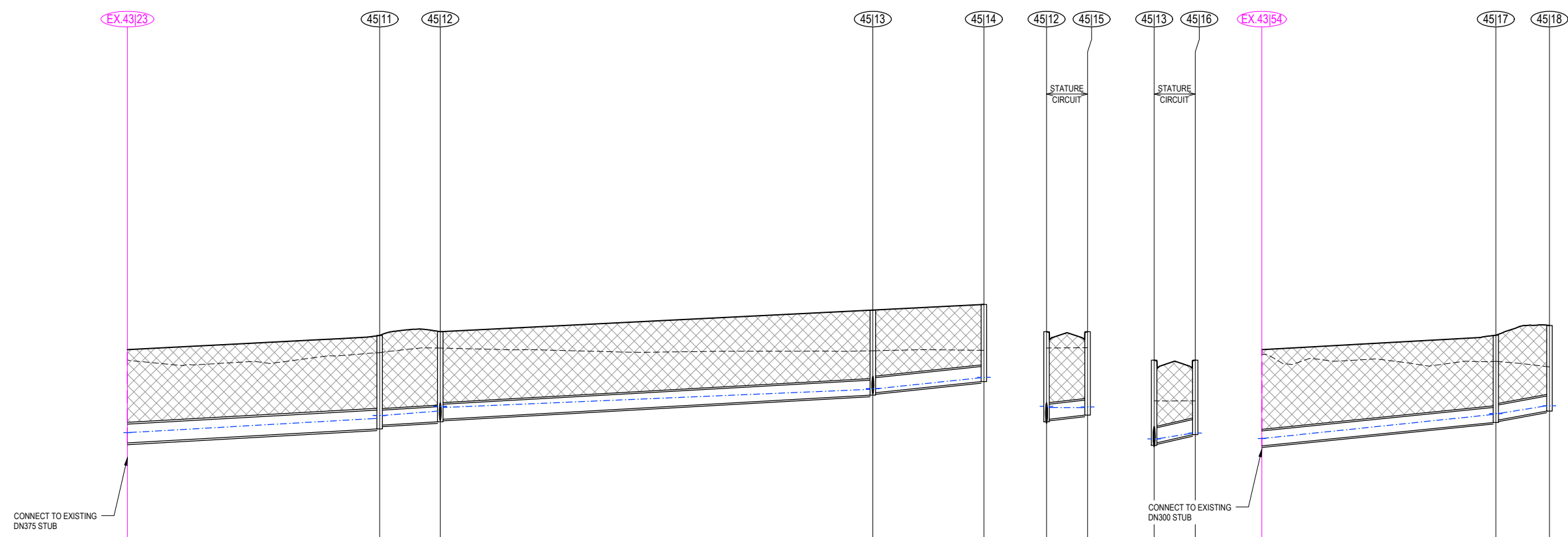


Coordinates: MGA94  
 Levels: AHD



**RIVERWALK**  
 STAGE 45  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 DRAINAGE LONGITUDINAL SECTIONS  
 SHEET 01 OF 03  
 Drawing No: 10945DR01  
 Revision: AC1  
 Sheet No: 23 of 28

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**AS CONSTRUCTED**



PIPE CLASS	1.238	1.144	0.910	0.897	0.956	CLASS 10	1.013	0.735	
VELOCITY (m/s)	1.238	1.144	0.910	0.897	0.956	0.664	1.013	0.735	
PIPE GRADE VELOCITY	1.184	1.020	1.020	1.369	1.369	1.936	1.369	1.767	
PIPE GRADE %	0.556%	0.556%	0.556%	1.000%	1.000%	2.000%	1.000%	1.667%	
PIPE FLOW (m <sup>3</sup> /s)	0.079	0.061	0.023	0.011	0.013	0.002	0.016	0.003	
PIPE CAPACITY AT GRADE	0.131	0.072	0.072	0.097	0.097	0.137	0.097	0.125	
PIPE SIZE (mm)	375	300	300	300	300	300	300	300	
DATUM	5.000								
DEPTH TO INVERT	1.861	1.864	1.789	1.747	1.689	1.649	1.740	1.690	
HYDRAULIC GRADE LINE	14.906	15.191	15.250	15.408	15.771	15.781	15.289	15.288	
INVERT LEVEL	14.701	15.056	15.124	15.432	15.653	15.703	15.109	15.159	
DESIGN SURFACE LEVEL	16.562	16.846	16.920	17.352	16.920	17.352	16.949	17.044	
EXISTING SURFACE LEVEL	16.364	16.502	16.594	16.540	16.540	16.540	16.330	16.218	
CHAINAGE	0.000	50.363	12.109	62.472	86.383	22.188	111.043	16.549	17.463

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P. BOTROS  
 Date 03/11/23  
 AN 3161090  
 Designed I. HUANG  
 Date 03/11/23  
 AN 4121017  
 Checked S. RAJKOVIC  
 Date 02/02/23  
 AN 2951106  
 Reg. Eng. K. PAGE  
 Date 28/01/25  
 Reg. No. PE0007400  
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**LEGEND**

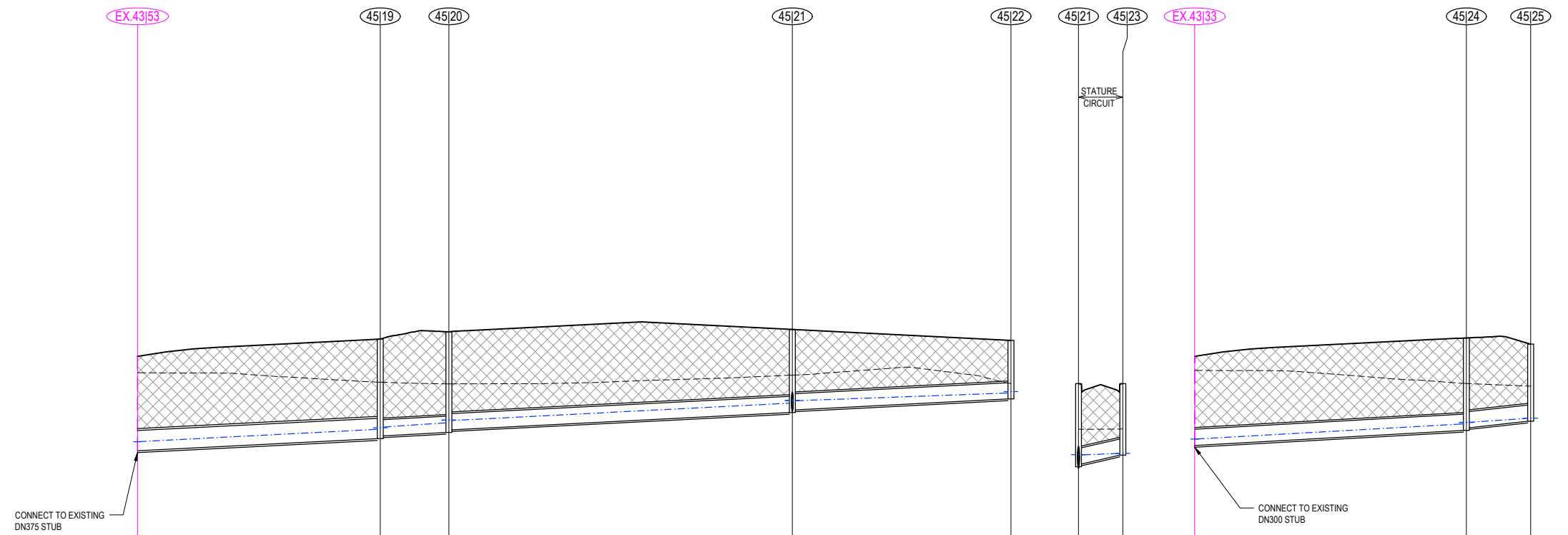
- EXISTING SURFACE
- FINISHED SURFACE
- PROPOSED DRAIN
- HYDRAULIC GRADE LINE
- EXISTING SEWER
- FUTURE DRAIN (INDICATIVE)
- PROP / EX SERVICES
- [Hatched] CRUSHED ROCK BACKFILL
- [Diagonal] FILL

Coordinates: MGA94  
 Levels: AHD

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

**RIVERWALK**  
**STAGE 45**  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 DRAINAGE LONGITUDINAL SECTIONS  
 SHEET 02 OF 03  
 Drawing No: 10945DR02  
 Revision: AC1 Sheet No: 24 of 28

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PIPE CLASS	CLASS 6				CLASS 3	
VELOCITY (m/s)	1.081	1.034	1.027	0.834	0.706	0.739
PIPE GRADE VELOCITY	1.123	0.968	0.968	0.968	1.936	1.369
PIPE GRADE %	0.500%	0.500%	0.500%	0.500%	2.000%	1.000%
PIPE FLOW (m <sup>3</sup> /s)	0.053	0.045	0.044	0.020	0.002	0.005
PIPE CAPACITY AT GRADE	0.124	0.068	0.068	0.068	0.137	0.097
PIPE SIZE (mm)	375	300	300	300	300	300
DATUM	5.000					
DEPTH TO INVERT	1.745	1.842	1.811	1.083	1.538	1.426
HYDRAULIC GRADE LINE	15.289	15.518	15.638	16.002	16.050	15.722
INVERT LEVEL	15.122	15.346	15.460	15.827	15.877	15.548
DESIGN SURFACE LEVEL	16.066	17.108	17.321	17.366	16.041	17.209
EXISTING SURFACE LEVEL	16.506	16.390	16.360	16.521	16.526	16.318
CHAINAGE	0.000	44.911	57.601	63.548	8.200	50.257

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P. BOTROS  
 Date 03/11/23  
 AN 3161090  
 Designed I. HUANG  
 Date 03/11/23  
 AN 4121017  
 Checked S. RAJKOVIC  
 Date 02/02/23  
 AN 2951106  
 Reg. Eng. K. PAGE  
 Date 28/01/25  
 Reg. No. PE0007400  
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**LEGEND**

- EXISTING SURFACE
- FINISHED SURFACE
- PROPOSED DRAIN
- HYDRAULIC GRADE LINE
- EXISTING SEWER
- FUTURE DRAIN (INDICATIVE)
- PROP / EX SERVICES
- CRUSHED ROCK BACKFILL
- FILL

Coordinates: MGA94  
 Levels: AHD

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

**RIVERWALK**  
 STAGE 45  
 GEELONG ROAD, WERRIBEE  
 WYNDHAM CITY COUNCIL  
 DRAINAGE LONGITUDINAL SECTIONS  
 SHEET 03 OF 03  
 Drawing No: 10945DR03  
 Revision: AC1 Sheet No: 25 of 28

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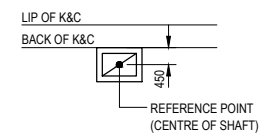
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PIT NAME	PIT TYPE	PIT EASTING	PIT NORTHING	LID WIDTH	LID LENGTH	BASE WIDTH	BASE LENGTH	INLET DIA.	INLET INV LEV	OUTLET DIA.	OUTLET INV LEV	PIT SETOUT RL	PIT DEPTH	PIT DETAIL	HAUNCH DETAIL	STEP IRONS	HEAVY DUTY	FURTHER COMMENTS	
EX.4213	GSEP	293241.844	5800229.884	600	900	600	900	300	14.954	300	14.904	16.997	2.093	EDCM 601	-	EDCM 609			CONVERT EXISTING JP TO GSEP AND MODIFY TO FINISHED SURFACE LEVEL
EX.4225	GSEP	293257.218	5800227.943	600	900	900	900	450	14.847	450	14.797	16.862	2.064	EDCM 601	EDCM 607	EDCM 609			CONVERT EXISTING JP TO GSEP AND MODIFY TO FINISHED SURFACE LEVEL
EX.4214	EP	293239.523	5800229.242	-	-	-	-	300	14.967	-	-	17.037	2.079	-	-	-			CONNECT TO EXISTING 300 DIA STUB
4511	JP	293235.829	5800228.559	600	900	600	900	300	15.038	300	14.988	17.082	2.094	EDCM 605	-	EDCM 609			-
4512	GSEP	293181.964	5800234.799	600	900	600	900	300	15.540	300	15.490	17.215	1.725	EDCM 601	-	EDCM 609			-
4513	GSEP	293181.036	5800226.652	600	900	600	900	300	15.622	300	15.622	17.215	1.593	EDCM 601	-	EDCM 609			-
EX.4226	EP	293258.135	5800225.758	-	-	-	-	450	14.861	-	-	16.840	2.079	-	-	-			CONNECT TO EXISTING 450 DIA STUB
4514	GSEP	293253.229	5800217.129	600	900	1050	900	300	14.987	450	14.912	16.931	2.020	EDCM 601	EDCM 607	EDCM 609			-
4515	GSEP	293275.302	5800169.262	600	900	600	900	300	14.962	300	15.514	17.196	1.682	EDCM 601	-	EDCM 609			-
4516	GSEP	293245.783	5800213.696	600	900	600	900	300	15.078	450	15.003	16.931	1.929	EDCM 601	-	EDCM 609			-
								300	15.053										
								300	15.078										
4517	GSEP	293233.977	5800220.622	600	900	600	900	300	15.306	300	15.306	17.097	1.791	EDCM 601	-	EDCM 609			-
4518	EP	293240.908	5800211.565	-	-	-	-	450	15.079	450	15.079	17.088	2.009	-	-	-			PROVIDE DN450 DIA STUB FOR FUTURE MD SITE BY OTHERS
4519	GSEP	293271.758	5800157.703	600	900	600	900	300	15.689	300	15.639	17.234	1.595	EDCM 601	-	EDCM 609			-
45110	GSEP	293287.160	5800164.875	600	900	600	900	300	15.931	300	15.931	17.330	1.398	EDCM 601	-	EDCM 609			-
EX.4323	EP	293392.015	5800278.426	-	-	-	-	375	14.701	-	-	16.562	1.861	-	-	-			CONNECT TO EXISTING 375 DIA STUB
45111	GSEP	293413.608	5800232.926	600	900	900	900	300	15.056	375	14.981	16.846	1.864	EDCM 601	EDCM 607	EDCM 609			-
45112	DGSEP	293410.170	5800221.316	600	900	750	900	300	15.174	300	15.124	16.920	1.797	EDCM 602	EDCM 607	EDCM 609			-
								300	15.174										
45113	GSEP	293331.657	5800185.292	600	900	600	900	300	15.703	300	15.653	17.352	1.699	EDCM 601	-	EDCM 609			-
								300	15.703										
45114	JP	293311.490	5800176.039	600	900	600	900	300	15.925	300	15.925	17.463	1.538	EDCM 605	-	EDCM 609			-
45115	DGSEP	293413.590	5800213.863	600	900	600	900	300	15.256	300	15.256	16.920	1.664	EDCM 602	-	EDCM 609			-
45116	GSEP	293335.076	5800177.839	600	900	600	900	300	15.867	300	15.867	17.352	1.485	EDCM 601	-	EDCM 609			-
EX.4364	EP	293399.487	5800281.871	-	-	-	-	300	14.642	-	-	16.562	1.921	-	-	-			CONNECT TO EXISTING 300 DIA STUB
45117	GSEP	293419.037	5800239.426	600	900	750	900	300	15.159	300	15.109	16.849	1.740	EDCM 601	EDCM 607	EDCM 609			-
45118	GSEP	293429.336	5800236.519	600	900	750	900	300	15.337	300	15.337	17.044	1.706	EDCM 601	EDCM 607	EDCM 609			-
EX.4363	EP	293531.005	5800342.515	-	-	-	-	375	15.122	-	-	16.866	1.745	-	-	-			CONNECT TO EXISTING 375 DIA STUB
45119	GSEP	293549.788	5800301.721	600	900	750	900	300	15.396	375	15.346	17.188	1.842	EDCM 601	EDCM 607	EDCM 609			-
45120	GSEP	293545.447	5800289.797	600	900	750	900	300	15.510	300	15.460	17.321	1.861	EDCM 601	EDCM 607	EDCM 609			-
45121	GSEP	293487.590	5800263.294	600	900	600	900	300	15.877	300	15.827	17.365	1.538	EDCM 601	-	EDCM 609			-
								300	15.877										
45122	GSEP	293450.924	5800246.427	600	900	600	900	300	16.080	300	16.080	17.163	1.083	EDCM 601	-	EDCM 609			-
45123	GSEP	293491.110	5800255.841	600	900	600	900	300	16.041	300	16.041	17.365	1.324	EDCM 601	-	EDCM 609			-
EX.4333	EP	293538.452	5800345.949	-	-	-	-	300	15.218	-	-	16.866	1.647	-	-	-			CONNECT TO EXISTING 300 DIA STUB
45124	GSEP	293559.489	5800300.307	600	900	600	900	300	15.548	300	15.498	17.209	1.711	EDCM 601	-	EDCM 609			-
45125	GP	293564.468	5800289.500	600	900	600	900	300	15.667	300	15.667	17.093	1.426	WCC SD5-1	-	WCC SD5-1			PROVIDE DEPRESSED GRATED STEEL PIT IN ACCORDANCE WITH WCC STD DRG SD5-1

- NOTES: DRAINAGE PITS**
- EASTING, NORTHING SETOUT TO CENTRE OF PIT COVER.
  - SETOUT LEVEL TO PIT COVER LEVEL.
  - EASTING, NORTHING FOR ENDWALL SETOUT POINTS QUOTED TO PIPE INVERT CENTRELINE.
  - ALL PIT COVERS TO BE IN ACCORDANCE WITH COUNCIL AND VPA REQUIREMENTS AND SPECIFICATIONS.
  - ALL TEMPORARY JUNCTION PITS (JP) TO BE PROVIDED WITH KEYPED 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 EDCM 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 EDCM STD DRAWINGS.

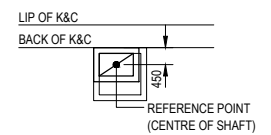
**NOTE: STUBS**  
ALL STUBS FOR FUTURE EXTENSIONS TO BE SOCKETED UPSTREAM AND BLANKED OFF.

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

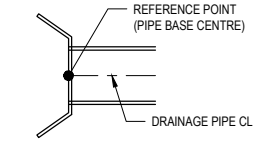
**WARNING!**  
NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.



**PIT SETOUT POINT**  
NOT TO SCALE



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



**ENDWALL SETOUT POINT**  
NOT TO SCALE

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P.BOTROS  
Date 03/11/23  
AN 3161090  
Designed I.HUANG  
Date 03/11/23  
AN 4121017  
Checked S. RAJKOVIC  
Date 02/02/23  
AN 2951106  
Reg. Eng. K.PAGE  
Date 28/01/25  
Reg. No. PE0007400  
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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.

Coordinates: MGA94  
Levels: AHD

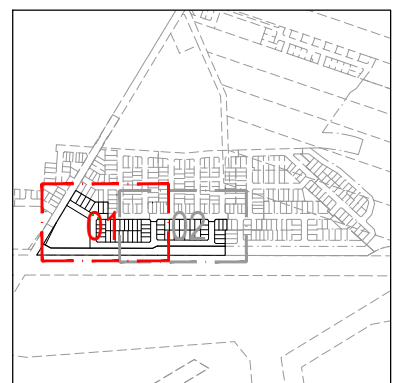


**RIVERWALK**  
STAGE 45  
GEELONG ROAD, WERRIBEE  
WYNDHAM CITY COUNCIL  
PIT SCHEDULE

Drawing No: 10945PIT01  
Revision: AC1 Sheet No: 26 of 28

melbourne wurundjeri  
geelong wadawurrung  
brisbane turrbal  
dceng.com.au  
T +61 3 9813 7400  
T +61 3 5246 1700  
T +61 7 3374 9000  
E info@dceng.com.au

**AS CONSTRUCTED**



**KEY PLAN**  
NOT TO SCALE

FOR CONTINUATION REFER TO SHEET 28

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

**NOTE: BULK EARTHWORKS (BEW)**  
BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS. REFER TO DCE PROJECT REF #10873

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

**PRINCES FREEWAY**  
(EXISTING CONSTRUCTION)

**CUT/FILL VOLUME**

	VOLUME (m <sup>3</sup> )
TOTAL CUT	-3209
TOTAL FILL	1113
BALANCE	-2096

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P. BOTROS  
Date 03/11/23  
AN 3161090  
Designed I. HUANG  
Date 03/11/23  
AN 4121017  
Checked S. RAJKOVIC  
Date 02/02/23  
AN 2951106  
Reg. Eng. K. PAGE  
Date 28/01/25  
Reg. No. PE0007400  
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**LEGEND**

	CUT: 0.0m TO 0.2m		CUT: 1.6m TO 1.8m		FILL: 0.0m TO 0.2m		FILL: 1.8m TO 1.9m
	CUT: 0.2m TO 0.4m		CUT: 1.8m TO 2.0m		FILL: 0.2m TO 0.4m		FILL: 1.9m TO 2.0m
	CUT: 0.4m TO 0.6m		CUT: 2.0m TO 3.0m		FILL: 0.4m TO 0.6m		FILL: 2.0m TO 3.0m
	CUT: 0.6m TO 0.8m		CUT: 3.0m TO 4.0m		FILL: 0.6m TO 0.8m		FILL: 3.0m TO 4.0m
	CUT: 0.8m TO 1.0m		CUT: 4.0m TO 5.0m		FILL: 0.8m TO 1.0m		FILL: 4.0m TO 5.0m
	CUT: 1.0m TO 1.2m		CUT: 5.0m TO 6.0m		FILL: 1.0m TO 1.2m		FILL: 5.0m TO 6.0m
	CUT: 1.2m TO 1.4m		CUT: 6.0m TO 100.0m		FILL: 1.2m TO 1.4m		FILL: 6.0m TO 100.0m
	CUT: 1.4m TO 1.6m				FILL: 1.4m TO 1.6m		

Coordinates: MGA94  
Levels: AHD

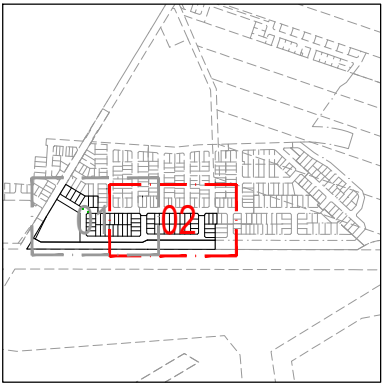
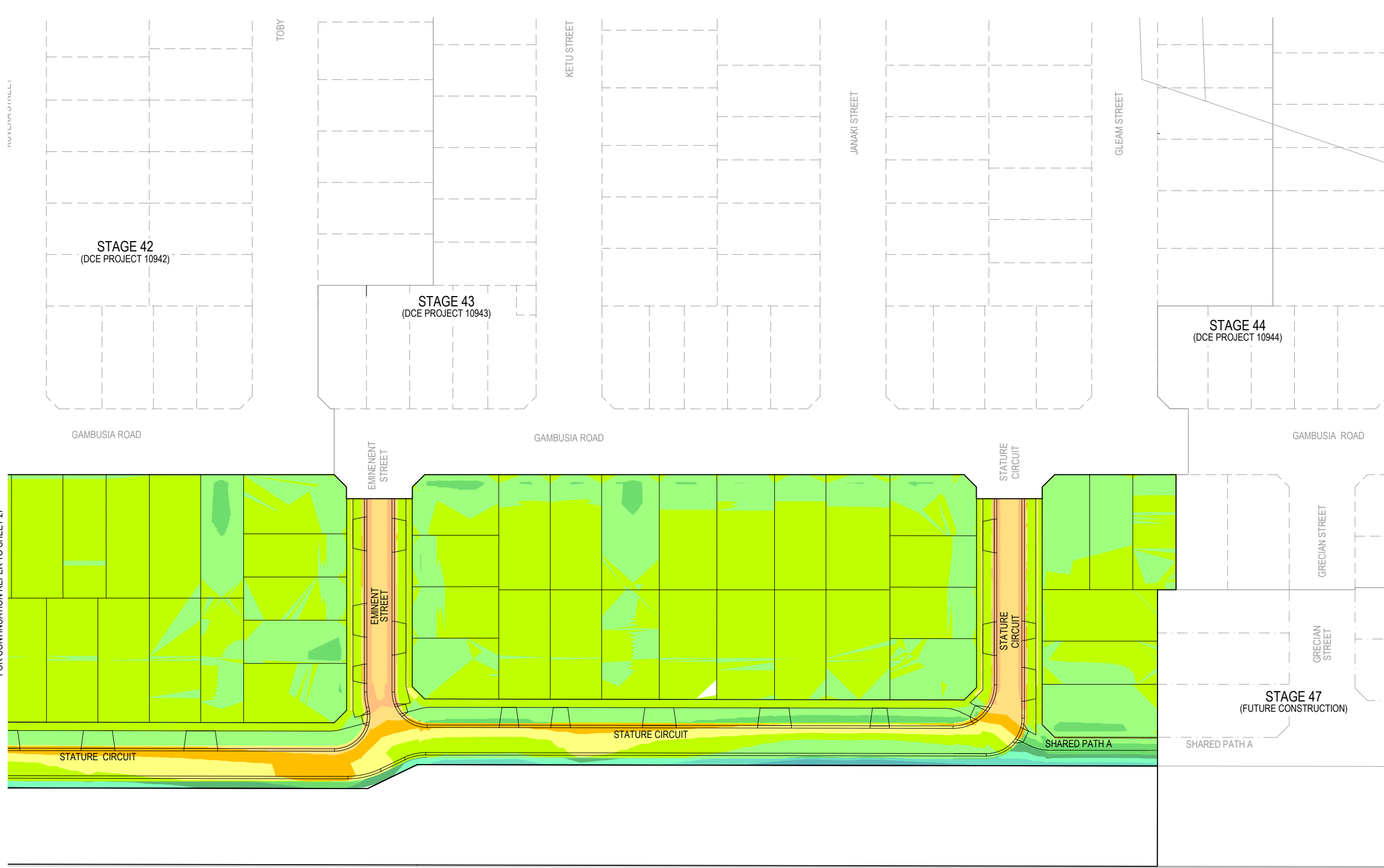
Scale @ A1/A3 1:500 / 1:1000

**RIVERWALK**  
STAGE 45  
GEELONG ROAD, WERRIBEE  
WYNDHAM CITY COUNCIL  
EARTHWORKS PLAN  
SHEET 01 OF 02  
Drawing No: 10945EW01  
Revision: AC1 Sheet No: 27 of 28

melbourne wurundjeri  
geelong wadawurrung  
brisbane turrbal  
dceng.com.au E info@dceng.com.au

T +61 3 9813 7400  
T +61 3 5246 1700  
T +61 7 3374 9000

**AS CONSTRUCTED**



**KEY PLAN**  
NOT TO SCALE

FOR CONTINUATION REFER TO SHEET 27

**PRINCES FREEWAY**  
(EXISTING CONSTRUCTION)

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

**NOTE: BULK EARTHWORKS (BEW)**  
BULK EARTHWORKS TO BE COMPLETED PRIOR TO SUBDIVISIONAL CIVIL WORKS. REFER TO DCE PROJECT REF #10873

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

**CUT/FILL VOLUME**

	VOLUME (m <sup>3</sup> )
TOTAL CUT	-3209
TOTAL FILL	1113
BALANCE	-2096

REV	DESCRIPTION	DATE	AMEND	APPD
AC1	AS CONSTRUCTED	03/12/25	FM	KP

Drawn P. BOTROS  
Date 03/11/23  
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Date 28/01/25  
Reg. No. PE0007400  
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**LEGEND**

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

Coordinates: MGA94  
Levels: AHD

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

**RIVERWALK**  
STAGE 45  
GEELONG ROAD, WERRIBEE  
WYNDHAM CITY COUNCIL  
EARTHWORKS PLAN  
SHEET 02 OF 02  
Drawing No: 10945EW02  
Revision: AC1 Sheet No: 28 of 28

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geelong wadawurrung  
brisbane turrbal  
dceng.com.au

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

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