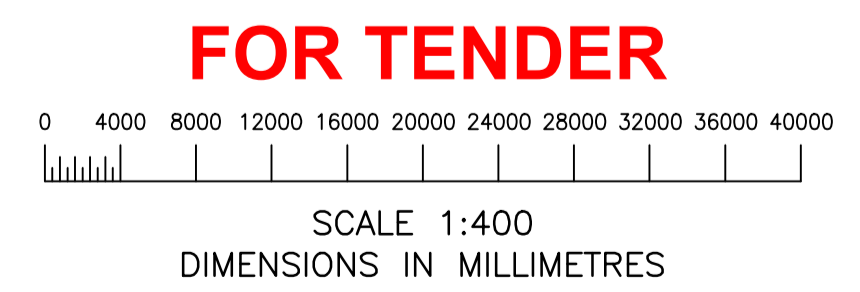


- NOTES:**
- EXISTING SERVICES TO BE IDENTIFIED AND PROVEN PRIOR TO CONSTRUCTION. THIS DRAWING HAS BEEN PREPARED BASED ON THE AVAILABLE SURVEYS AND DBYD RESULTS.
 - REFER TO AUSNET SDM 05-SERIES FOR ALL RELEVANT STANDARDS.
 - LEVELS ARE IN METERS TO AHD.
 - COORDINATES ARE IN METERS TO MGA2020 ZONE 55.
 - EFFLUENT SOAK AWAY TRENCH SIZE AND LOCATION TO BE CONFIRMED BY SITE AND SOIL INVESTIGATION ENGINEER AS PART OF COUNCIL APPROVAL PROCESS.
 - WATER SUPPLY PUMP TO HAVE A DUTY POINT OF 0.5l/s AT 15m PRESSURE HEAD.
 - CONCRETE APRON TO BE PROVIDED 4m LENGTH BOTH SIDES OF THE ACCESS GATE. INTERNAL CONCRETE APRON TO BE CONSTRUCTED AS PER CONCRETE PAVEMENT DETAIL ON 528869-TNTS-DRG-CV-0003. EXTERNAL CONCRETE APRON AND LEVELS TO BE DESIGNED BY CUSTOMER. ALL SENSOR INSTALLATION WITHIN CONCRETE APRON TO BE DESIGNED BY SECURITY CONTRACTOR. FINAL REQUIREMENTS TO BE CONFIRMED DURING DETAIL DESIGN.

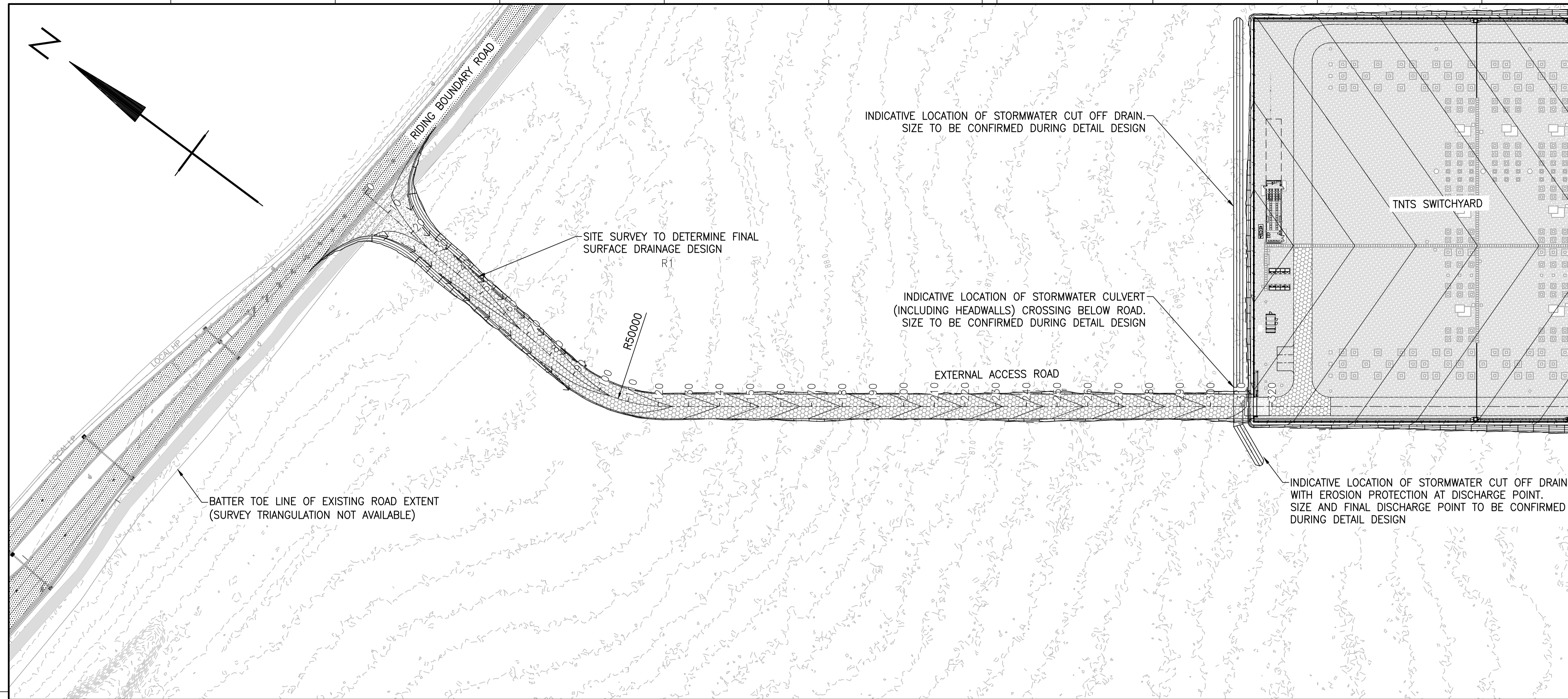
- LEGEND:**
- SURFACING SWITCHYARD
 - SURFACING REINFORCED CONCRETE
 - CRUSHED ROCK ACCESS ROAD
 - SWITCHYARD FENCE LINE
 - STORMWATER DRAINAGE CHANNEL (900mm WIDTH)
 - STORMWATER DRAINAGE PIPE (BLACKMAX)
 - STORMWATER DRAINAGE CHANNEL WITH PIPE BELOW
 - STORMWATER DRAINAGE PIT (CAST IN-SITU 1200x1200mm)
 - EXISTING SURFACE CONTOUR
 - DESIGN SURFACE CONTOUR
 - SEWER PIPE (110mm DIA. uPVC PIPE PN12)
 - POTABLE WATER PIPE (50mm DIA. HDPE SDR 11)
 - RODDING EYE
 - PERFORATED SUBSOIL DRAIN PIPE (CLASS 400 UPVC)

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ADVERTISED PLAN



REFERENCE DRAWINGS						AusNet TRUGANINA TERMINAL STATION 220kV SWITCHYARD EARTHWORKS, ROAD AND DRAINAGE SITE LAYOUT		
	EARTHWORKS, ROAD AND DRAINAGE – EARTHWORKS DETAILS	528869-TNTS-DRG-CV-0003	04/08/25	B	ISSUED FOR TENDER – IFT (TC-0014373)		K.H.	AURECON
	EARTHWORKS, ROAD AND DRAINAGE – EARTHWORKS SECTIONS	528869-TNTS-DRG-CV-0002	02/07/25	A	ISSUED FOR REVIEW – IFR (TC-0014373)		A.VDB.	AURECON
	DRAWING TITLE	DRAWING No.	DATE	REV	DESCRIPTION		BY	CONTRACTOR
							B	

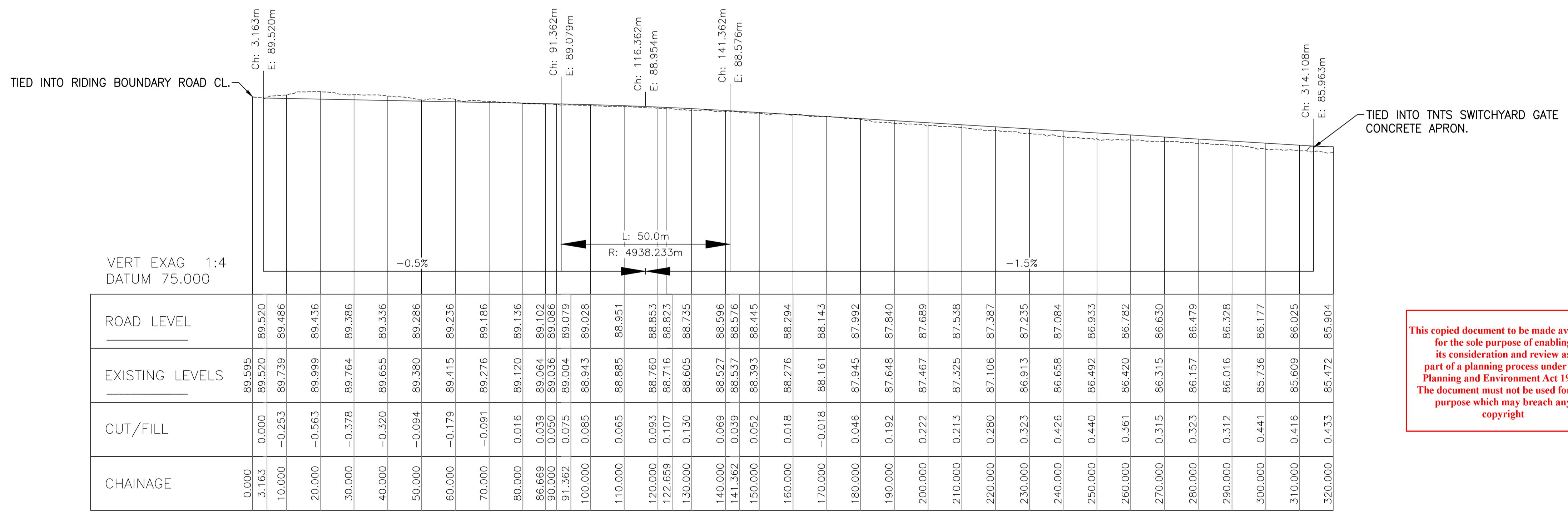


NOTES:

- EXISTING SERVICES TO BE PROVEN PRIOR TO CONSTRUCTION.
- LEVELS ARE IN METERS TO AHD.
- COORDINATES ARE IN METERS TO MGA2020 ZONE 55.
- ALL FINISHED BATTERS TO BE GRASSED.
- ACCESS ROAD ENTRANCE TO BE CONSTRUCTED IN ACCORDANCE WITH EDCM 503-HEAVY DUTY VEHICLE CROSSING.
- ACCESS ROAD DESIGN BASED ON LIDAR DATA RECEIVED VIA TRANSMITTED #3. DETAILED TOPOGRAPHICAL SURVEY TO BE OBTAINED DURING DETAIL DESIGN WITH LEVELS TO BE CONFIRMED.

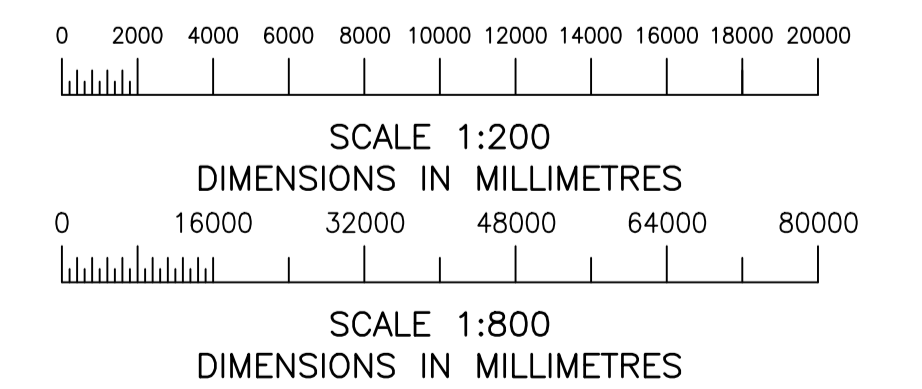
LEGEND:

- 121.1 --- EXISTING GROUND CONTOURS
- 121.1 — DESIGN GROUND CONTOURS
- ACCESS ROAD CENTRE LINE
- [Pattern] CRUSHED ROCK ACCESS ROAD
- [Pattern] HEAVY DUTY VEHICLE CONCRETE CROSSING
- [Pattern] EXISTING ASPHALT
- [Pattern] SHARED USER PATH
- [Pattern] SWITCHYARD SURFACING
- EXISTING UNDERGROUND ELECTRICAL SERVICES
- [Pattern] PROPOSED SURFACE DRAINAGE DESIGN



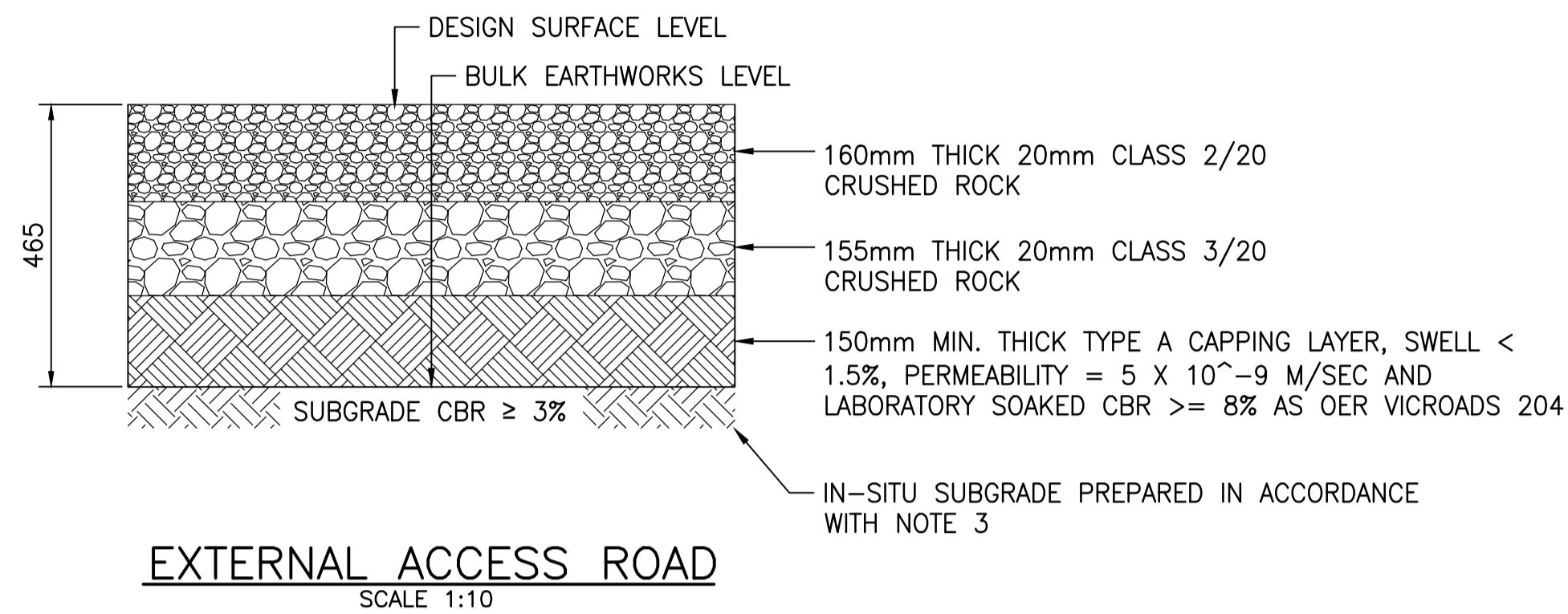
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FOR TENDER

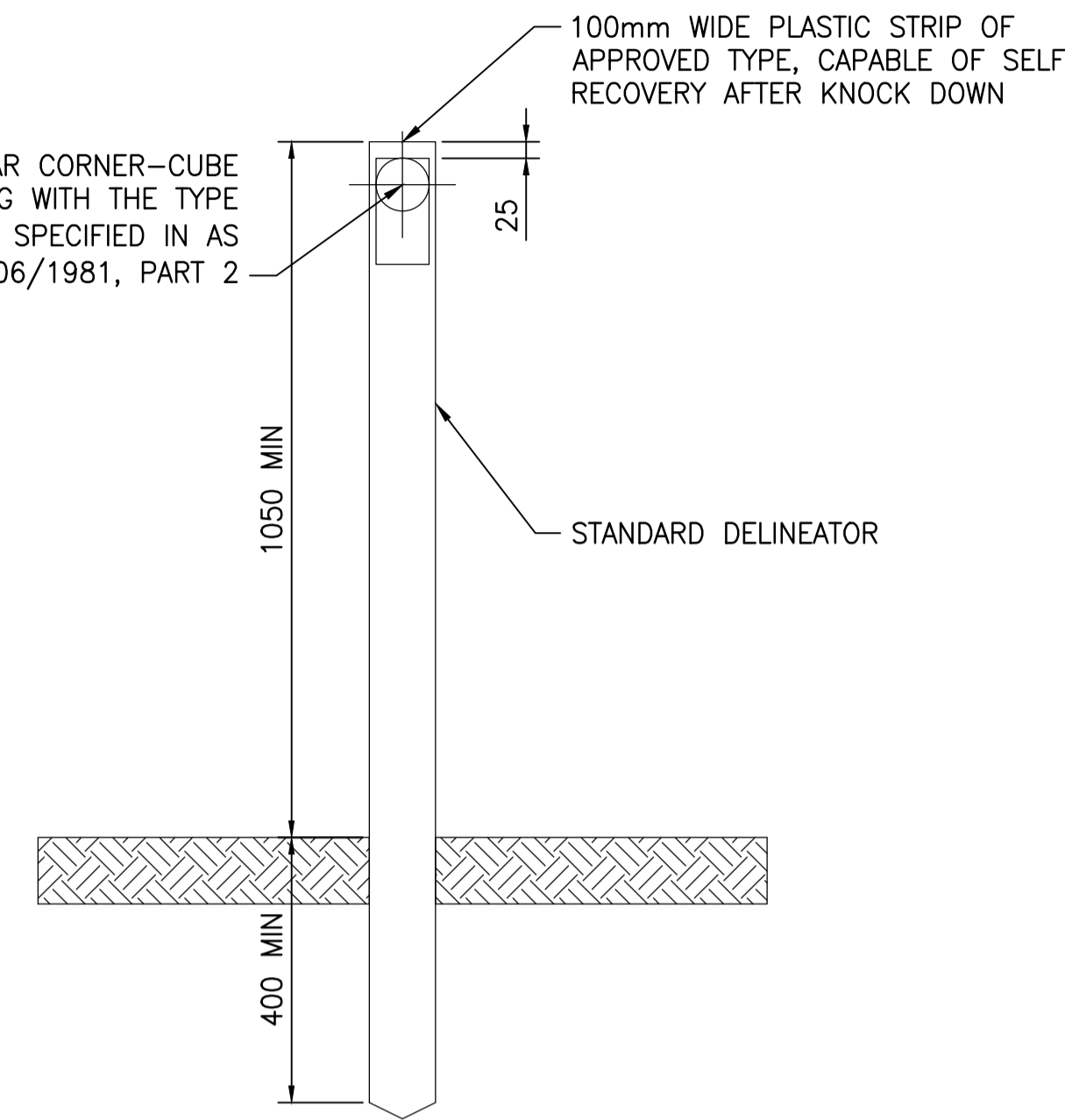


REFERENCE DRAWINGS		REVISION		DRAWN K.H.	ENDORSED REV B	AUSNET	TRUGANINA TERMINAL STATION						
							220kV SWITCHYARD						
	EXTERNAL ACCESS ROAD TYPICAL CROSS SECTION		528869-TNTS-DRG-CV-0006				04/08/25	B	ISSUED FOR TENDER - IFT (TC-0014373)	K.H.	AURECON	EARTHWORKS, ROAD AND DRAINAGE	
	INTERSECTION LAYOUT		528869-TNTS-DRG-CV-0007				18/07/25	A	ISSUED FOR REVIEW - IFR (TC-0014373)	A.VDB.	AURECON	EXTERNAL ACCESS ROAD LAYOUT & LONG SECTION	
DRAWING TITLE	DRAWING No.	DATE	REV	DESCRIPTION	BY	CONTRACTOR	ISSUED	CONTRACTORS No. 528869-TNTS-DRG-CV-0005	LEGACY No.	DRAWING No.	REVISION B		

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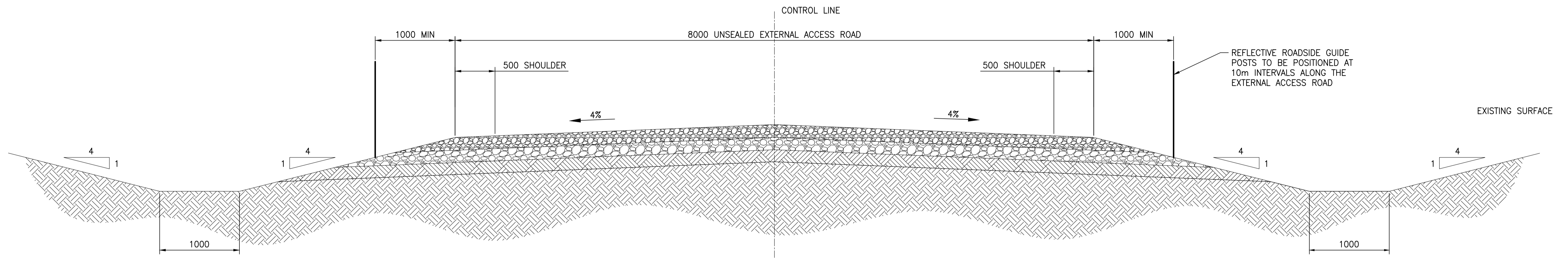


80mm DIA. CIRCULAR CORNER-CUBE TYPE, RED, CONFORMING WITH THE TYPE 'A' DELINEATOR SPECIFIED IN AS 1906/1981, PART 2



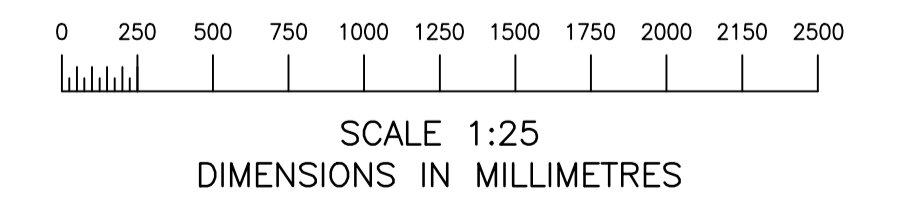
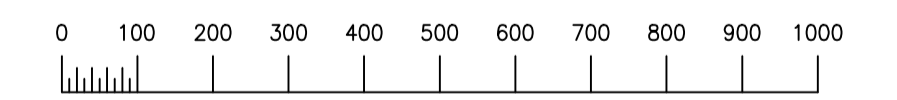
NOTES:

- REFER TO AUSNET SDM 05-SERIES FOR ALL RELEVANT STANDARDS.
- COMPACTION SHALL BE IN ACCORDANCE TO AS 3798-2007. TESTING AND INSPECTION TO BE COMPLETED UNDER LEVEL 1 SUPERVISION.
- SUBGRADE PREPARATION:
 - SUBGRADE TESTED SOAKED CBR GREATER THAN OR EQUAL TO 3%.
 - SUBGRADE SURFACE TO BE FREE OF FOREIGN OR ORGANIC MATERIALS.
 - SUBGRADE TO BE PROOF ROLLED WITH SINGLE AXLE 10t WATER TANKER OR 3 POINT ROLLER.
 - SOFT SPOTS SHALL BE EXCAVATED TO A DEPTH DIRECTED BY THE GEOTECHNICAL ENGINEER AND REPLACED WITH TYPE A IMPORTED FILL MATERIAL, PLACED IN NEAR HORIZONTAL LAYERS NOT EXCEEDING 150mm LOOSE THICKNESS AND COMPACTED TO AT LEAST 98% STANDARD MAXIMUM DRY DENSITY RATIO WITHIN 3% OF THE OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH METHOD 5.1.1 OF AS1289.5.1.1. PROOF ROLLING SHOULD THEN BE REPEATED TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
 - FILL NEEDED UP TO BULK EARTHWORKS LEVEL BY IMPORT OF TYPE A FILL AS PER VICROADS 204. FILL MATERIAL TO BE PLACED IN 150mm LAYERS COMPACTED TO 98% STANDARD MAXIMUM DRY DENSITY.
 - SUBGRADE PREPARATION SHOULD COMPLY TO STATEWIDE GEOTECHNICAL REPORT (SEC 6.3).
 - SUBGRADE PREPARATION SHOULD BE IN ACCORDANCE WITH VICROADS SEC 204.
 - UNBOUND PAVEMENT LAYER WORKS CONSTRUCTION SHALL COMPLY TO VICROADS SECTION 304.
- ADDITIONAL STANDARDS TO BE REFERRED TO INCLUDE:
 - AS 1289.5.3.1 METHODS OF TESTING SOILS FOR ENGINEERING PURPOSES:
 - SOIL COMPACTION AND DENSITY TESTS.
 - DETERMINATION OF THE FIELD DENSITY OF A SOIL.
 - NUCLEAR DENSITY GAUGE TO BE USED TO DETERMINE COMPACTION ACCEPTANCE OF ALL EARTHWORKS AND PAVEMENT LAYERS.
 - AS 3798-2007 GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS.
- TYPE A MATERIAL AND CLASS 2 AND CLASS 3 CRUSHED ROCK TO BE IN ACCORDANCE WITH VICROADS CODE OF PRACTICE RC 500.20 AND VICROADS SPECIFICATION SECTION 204.
- RED REFLECTIVE DISCS SHALL BE MOUNTED ON ALL FOUR SIDES OF THE BOLLARDS AND COMPLY WITH AS1906.2.
- ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
- REFER TO VICROADS SECTION 204 FOR EARTHWORKS AND FILL REQUIREMENTS. REFER TO VICROADS SECTION 304 FOR CONSTRUCTION REQUIREMENTS OF GRANULAR PAVEMENT LAYERS.

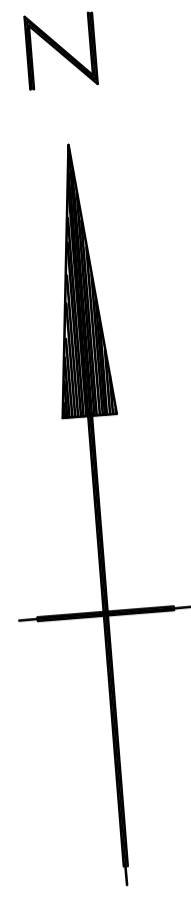


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FOR TENDER



REFERENCE DRAWINGS			REVISION				AusNet	TRUGANINA TERMINAL STATION 220kV SWITCHYARD EARTHWORKS, ROAD AND DRAINAGE EXTERNAL ACCESS ROAD TYPICAL CROSS SECTION			DRAWN K.H. ENDORSED REV A		
	INTERSECTION LAYOUT	528869-TNTS-DRG-CV-0007							ENDORSED DATE	SPEC No.		ORDER No.	LEGACY No.
	EXTERNAL ACCESS ROAD LAYOUT & LONG SECTION	528869-TNTS-DRG-CV-0005		04/08/24	A	ISSUED FOR TENDER – IFT (TC-0014373)		K.H.	AURECON	CONTRACTORS No.		DRAWING No.	REVISION
	DRAWING TITLE	DRAWING No.		DATE	REV	DESCRIPTION		BY	CONTRACTOR	528869-TNTS-DRG-CV-0006			A



ADVERTISED PLAN

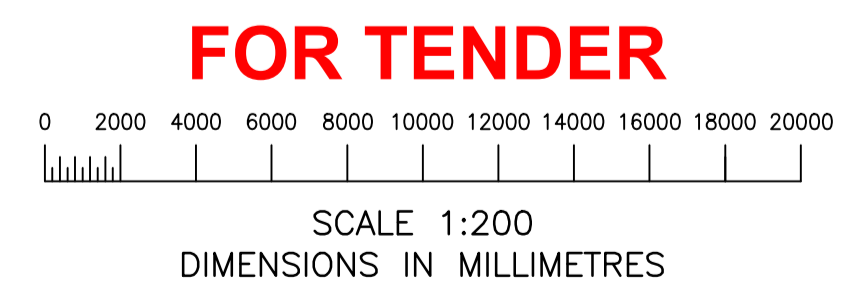
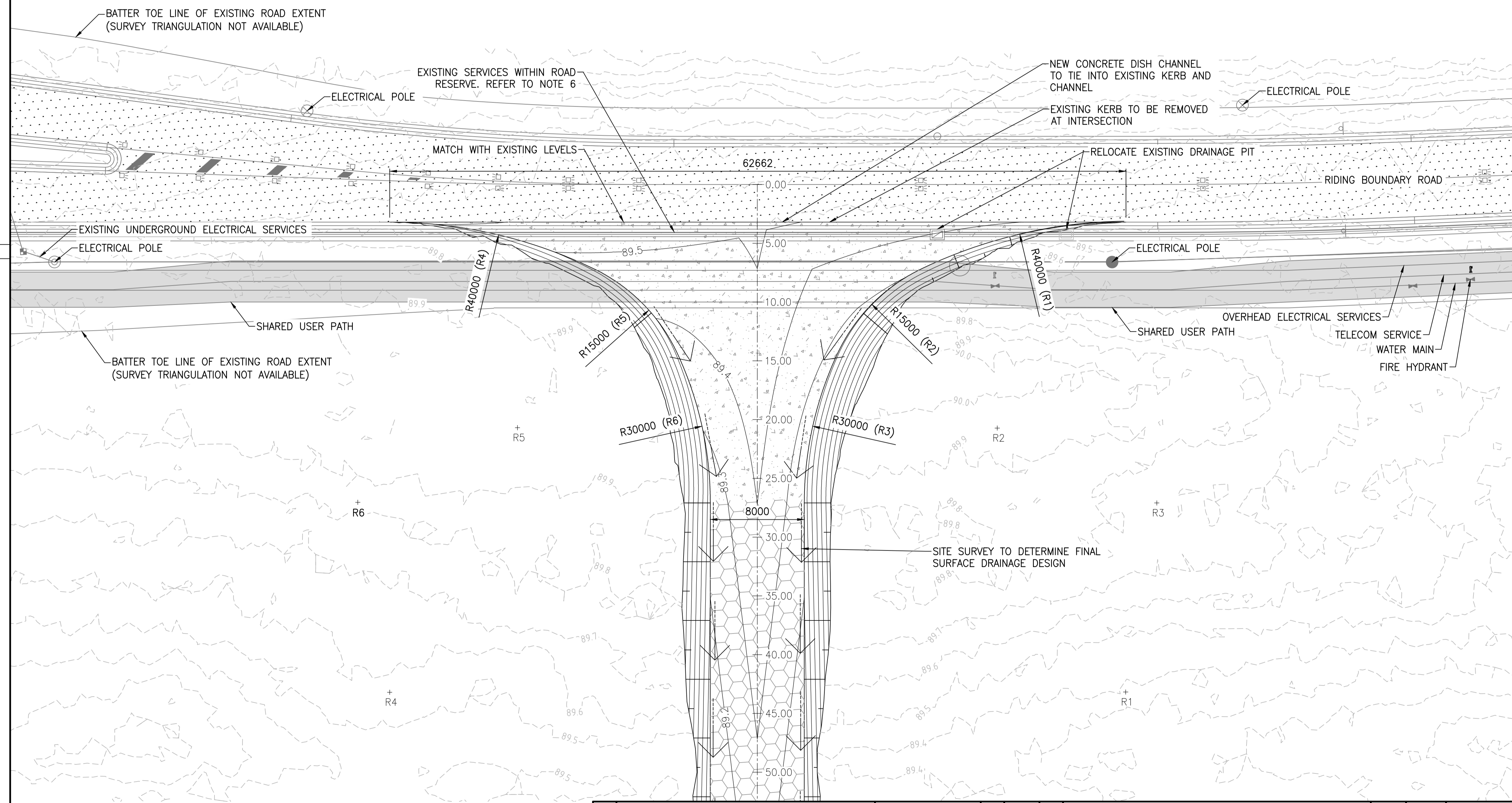
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NOTES:

- EXISTING SERVICES TO BE PROVEN PRIOR TO CONSTRUCTION.
- LEVELS ARE IN METERS TO AHD.
- COORDINATES ARE IN METERS TO MGA2020 ZONE 55.
- ALL FINISHED BATTERS TO BE GRASSED.
- ACCESS ROAD ENTRANCE TO BE CONSTRUCTED IN ACCORDANCE WITH EDCM 503-HEAVY DUTY VEHICLE CROSSING.
- LEVELS OF ALL EXISTING SERVICES ARE UNKNOWN AT TENDER DESIGN STAGE. RELOCATION OF ALL SERVICES TO BE ASSESSED DURING DETAIL DESIGN STAGE AND ONCE ACCURATE SURVEY DATA IS PROVIDED.
- AS-BUILT ROAD SURVEY DATA NOT AVAILABLE AT TENDER DESIGN STAGE. INTERSECTION LEVELS ARE BASED ON AVAILABLE LIDAR DATA AS RECEIVED VIA TRANSMITTAL #3.
- INTERSECTION DESIGN IS FOR CONCEPT DESIGN PURPOSES ONLY AS SIGHT DISTANCE CHECKS WILL BE UNDERTAKEN ONCE AS-BUILT ROAD SURVEY DATA IS OBTAINED.
- INTERSECTION DESIGNED FOR A 12.5m RIGID TRUCK AS THE DESIGN VEHICLE. TURNING MOVEMENTS FOR THE CONTROL ROOM DELIVERY VEHICLE (B-DOUBLE) HAVE ALSO BEEN CHECKED. THE SHARED USER PATH IS TO BE DEMOLISHED, AND THE PAVEMENT LAYERS RECONSTRUCTED TO ACCOMMODATE THE HEAVY-DUTY VEHICLE CROSSING.

LEGEND:

- 121.1 --- EXISTING GROUND CONTOURS
- 121.1 — DESIGN GROUND CONTOURS
- - - - - ACCESS ROAD CENTRE LINE
- [Pattern] CRUSHED ROCK ACCESS ROAD
- [Pattern] HEAVY DUTY VEHICLE CONCRETE CROSSING
- [Pattern] EXISTING ASPHALT
- [Pattern] SHARED USER PATH
- - - - - EXISTING UNDERGROUND ELECTRICAL SERVICES
- [Symbol] EXISTING OVERHEAD ELECTRICAL SERVICES
- [Symbol] EXISTING PIT TO BE RELOCATED
- [Symbol] RELOCATED PIT
- [Symbol] PROPOSED SURFACE DRAINAGE DESIGN



566 x 800mm

REFERENCE DRAWINGS		REVISION		DATE	REV	DESCRIPTION	BY	CONTRACTOR	AUSNET	TRUGANINA TERMINAL STATION			REVISION									
											220kV SWITCHYARD			DRAWN K.H.	ENDORSED REV B	LEGACY No.						
	EXTERNAL ACCESS ROAD TYPICAL CROSS SECTION		528869-TNTS-DRG-CV-0006							04/08/25	B	ISSUED FOR TENDER - IFT (TC-0014373)					K.H.	AURECON	ENDORSED DATE	SPEC No.	ORDER No.	LEGACY No.
	EXTERNAL ACCESS ROAD LAYOUT & LONG SECTION		528869-TNTS-DRG-CV-0005							18/07/25	A	ISSUED FOR REVIEW - IFR (TC-0014373)					A.VDB.	AURECON	ISSUED	CONTRACTORS No.	DRAWING No.	DRAWING No.
DRAWING TITLE	DRAWING No.							528869-TNTS-DRG-CV-0007				B										

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