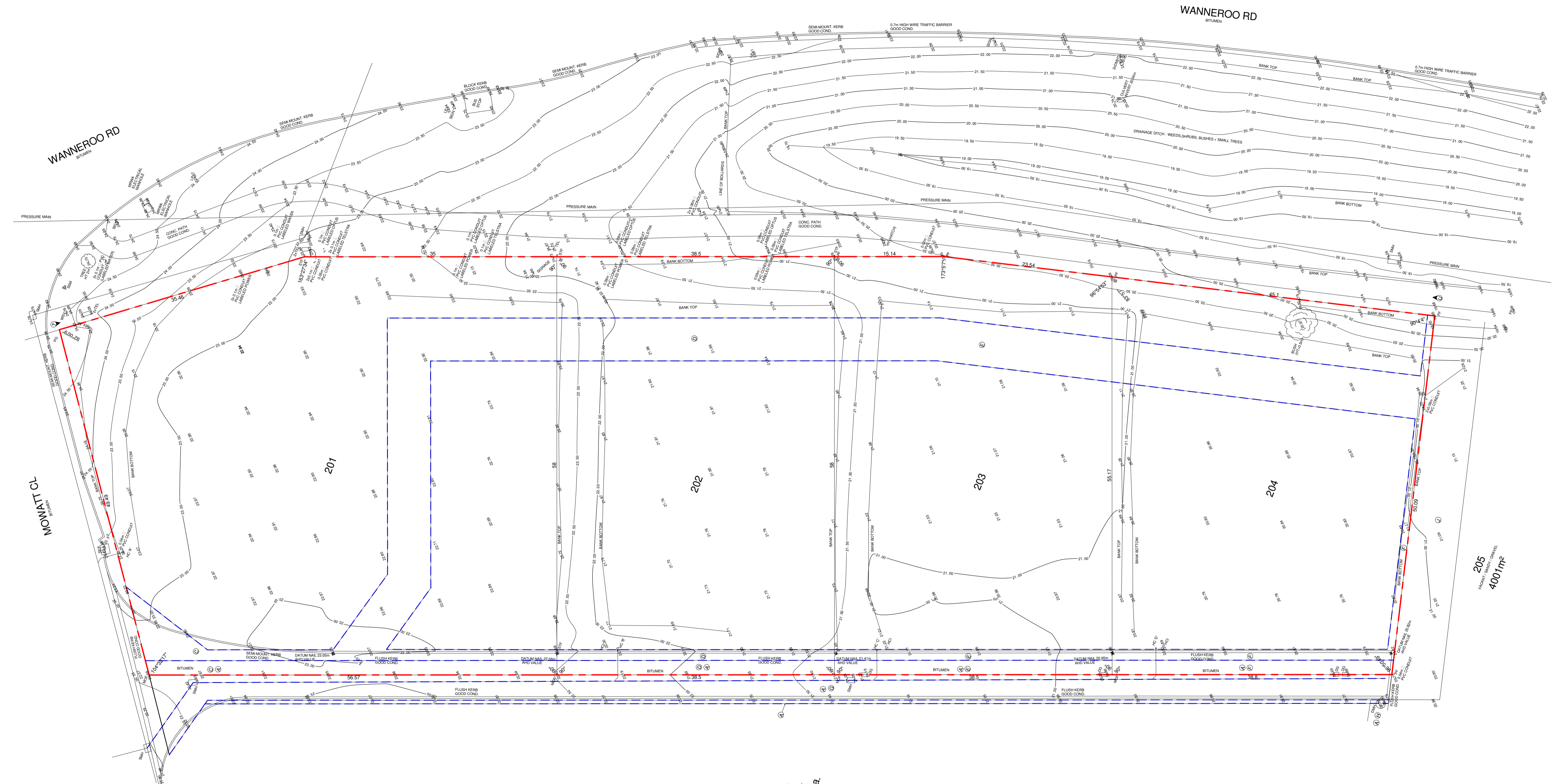




188.21_DRAWING LIST			
DRAWING No.	REV	ISSUED	DRAWING NAME
DA00	F	18.12.2023	COVER PAGE & DRAWING LIST
DA01	F	18.12.2023	EXISTING SITE SURVEY
DA02	F	18.12.2023	PROPOSED OVERALL SITE PLAN
DA03	F	18.12.2023	PROPOSED FLOOR PLAN & ELEVATIONS - TENANCY 1
DA04	F	18.12.2023	PROPOSED FLOOR PLAN & ELEVATIONS - TENANCY 2
DA05	F	18.12.2023	PROPOSED FLOOR PLAN & ELEVATIONS - TENANCY 3
DA07	F	18.12.2023	PROPOSED TENANCY 4 ELEVATIONS
DA08	F	18.12.2023	PYLON SIGN ELEVATIONS
DA09	F	18.12.2023	ARTIST'S IMPRESSIONS
TOTAL DRAWINGS: 9			

revision/ issue	description	drawn by	check by	date
F	ISSUED FOR DA	JR	NP	18.12.2023
project	MIXED COMMERCIAL DEVELOPMENT		description	COVER PAGE & DRAWING LIST
location	LOT 201 - 203 WANNEROO ROAD, WANNEROO		checked	NP
scale	1 : 4	date	18.12.2023	project no
Hodge Collard Preston ARCHITECTS <small>Third Floor, 38 Richardson Street, West Perth, WA 6005 PO Box 743, West Perth, WA 6872 Ph: (08) 9322 5144 Fax: (08) 9322 5140 Email: admin@hccparoh.com</small>		188.21	dwg no	DA00
			rev	F



SERVICE LEGEND

POWER

- CONSUMER POLE □ CP
- POWER POLE ○ PP
- LIGHT POLE ○ LP
- STAY POLE ○ SP
- S. WIRE ANCHOR ○ SWA
- UNI PILLAR □ UP
- EXPOSED CABLES ○ EC

GAS

- PRIE LAD CONN. ○ PL
- METER □ DM

SEWERAGE

- MANHOLE ○ SM
- INSPECT. SHAFT ○ IS
- INSPECT. OPENING ○ IO
- HOUSE CONNECTION ○ HC
- HOUSE CONN. ○ HC
- INDICATOR ○ IC
- INSPECT. SHAFT CONNECTION ○ ISC

TELE.

- PIT □ PT
- PRIE LAD CONN. ○ PL

DRAINAGE

- MANHOLE ○ DM
- DAILY PIT □ DP
- LOT PIT □ LP
- HOUSE CONN. ○ HC
- SIDE ENTRY PPT □ SEP

COMBINATION

- ENTRY PPT □ EP

WATER

- STOP VALVE ○ SV
- HYDRANT ○ HY
- FLUSH POINT ○ FP
- WATER TAP ○ WT
- WATER METER ○ WM
- PRIE LAD CONN. ○ PL

SURVEY

- DATUM NAIL ○ DN
- PEG FOUND ○ PF
- MARK ON FEATURE ○ MOF
- PEG OCHS ○ PO
- STAKE FOUND ○ SF

LOT RECORDS

LOT	STATUS	DATE
201	AVAILABLE	18.12.2023
202	AVAILABLE	18.12.2023
203	AVAILABLE	18.12.2023
204	AVAILABLE	18.12.2023

LOT #	AREA	C/T
201	3532m ²	4016 / 402
202	2233m ²	4016 / 403
203	2200m ²	4016 / 404
204	2200m ²	4016 / 405

NOTE: SERVICE EASEMENT (SEWERAGE) (A)

NOTE: EASEMENT (PUBLIC ACCESS) (B) (C) (D) (E) (F) (G) (H)

NOTE: SERVICE EASEMENT (DRAINAGE) (I)

NOTE: ACCESS RESTRICTION BETWEEN POINTS (J) (K)

LINKS SURVEYING

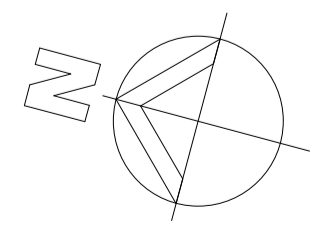
P: (08) 9554 8511
E: info@linkssurveying.com.au
W: www.linkssurveying.com.au

TITLE: FEATURE SURVEY
CLIENT: N/A
BUILDER: LEYTON PROPERTY

LOT: 201 WANNEROO RD
SUBURB: WANNEROO
AUTHORITY: CITY OF WANNEROO
UBD REF: 146 K 5
GPS: S 31.72033° E 115.78390°

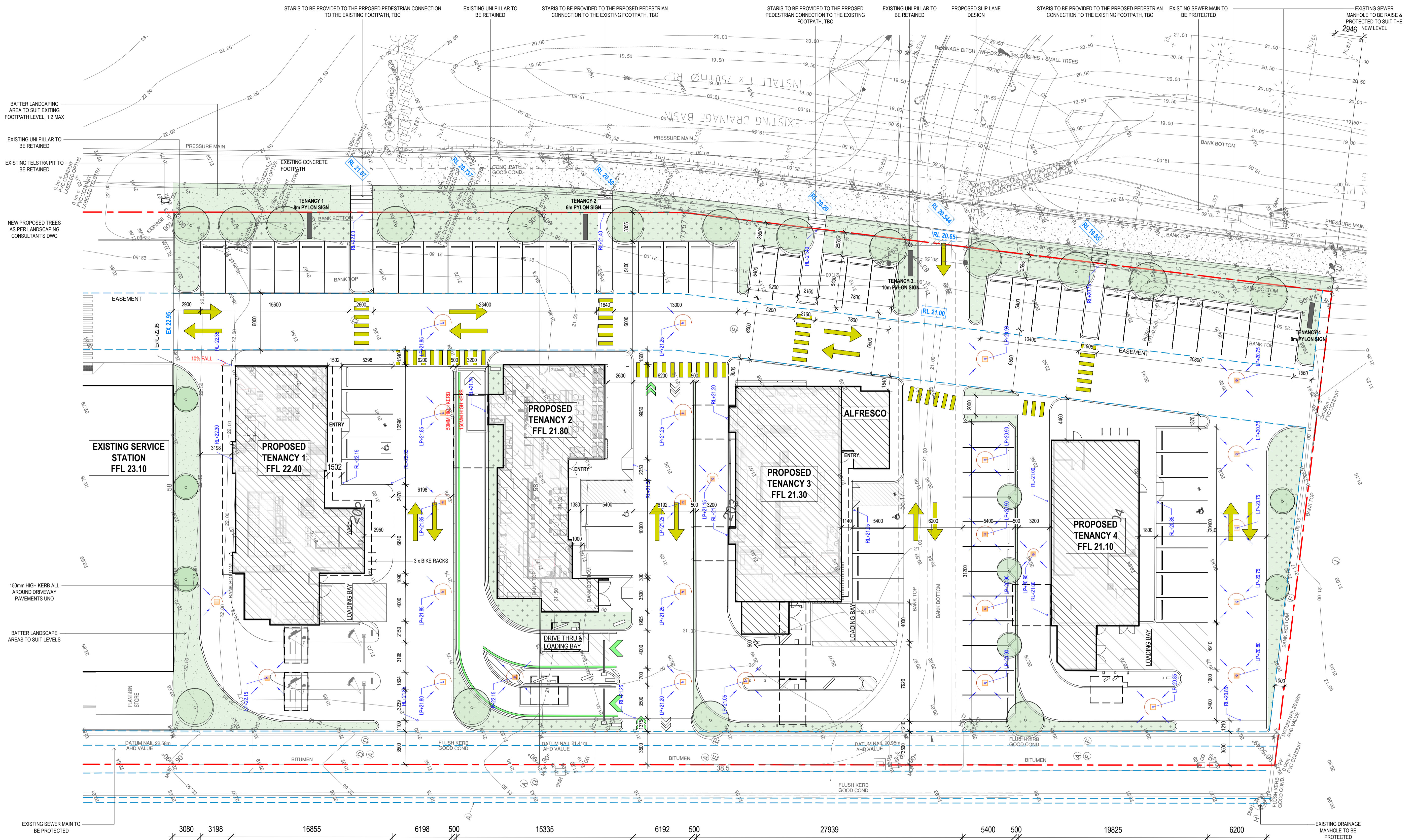
DATE: 01/04/22
SCALE @ A0: 1:200
DWG NO: 44540-01-200
REV: 1 of 1

GROUND COVER
SANDY / GRASS / WEED
ROCK / BUSHES / SMALL TREES



revision/ issue	ISSUED FOR DA	JR	NP	18.12.2023
description		drawn by	check by	date
project	MIXED COMMERCIAL DEVELOPMENT	drawn by	JR	description
location	LOT 201 - 203 WANNEROO ROAD, WANNEROO	checked	NP	EXISTING SITE SURVEY
scale	1:300	date	18.12.2023	project no
		dwg no	188.21	DA01
		rev	F	

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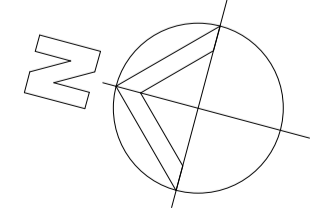
1 PROPOSED SITE PLAN
1:200

- GENERAL NOTES:**
- DO NOT SCALE FROM DRAWINGS.
 - ALL BOUNDARIES, LEVELS AND DIMENSIONS TO BE CONFIRMED ON SITE.
 - ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ALL CONSULTANTS DRAWINGS.
 - REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCING ANY WORKS.
 - KERB RAMPS AND TISOS TO BE IN ACCORDANCE WITH AS 1428.
 - NIL STEP AT ENTRY DOORS TO PROVIDE CONTINUOUS PATH OF TRAVEL IN ACCORDANCE WITH AS 1428.
 - MAX 1 IN 40 CAMBER AND CROSSFALLS TO ALL RAMPS AND WALKWAYS IN ACCORDANCE WITH AS 1428.
 - ALL MATERIALS & FIXTURES TO BE COMPLIANT WITH NCC & AS.
 - GLAZING ASSEMBLIES TO BE ASSEMBLED AND INSTALLED AS SHOWN.
 - WET AREAS TO BE WATERPROOFED IN ACCORDANCE WITH BCA PART F1 AND AS3740.

PARKING SCHEDULE	
STANDARD PARKING BAY	70
DRIVE THRU CAR BAY	40
TOTAL	110

SITE LAYOUT LEGEND

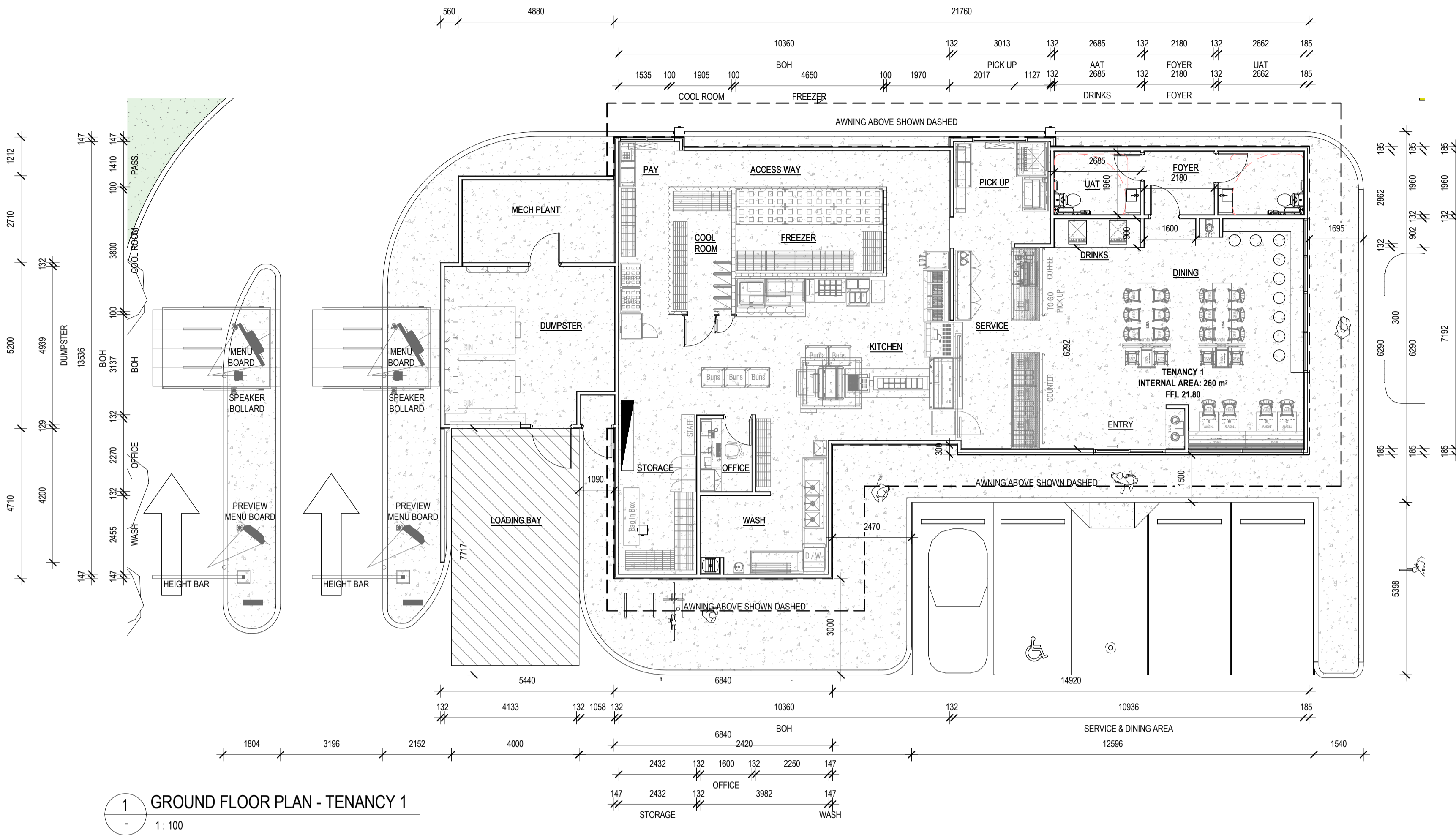
- LANDSCAPING, LANDSCAPING DESIGN AS PER LANDSCAPING CONSULTANT'S DWG
- CONC. PAVING, REFER CIVIL ENGINEER'S DRAWINGS FOR CUTS / THICKNESS
- TOP OF KERBING, REFER CIVIL ENGINEER'S DRAWINGS FOR CUTS / THICKNESS
- WHEEL STOP, AS PER AS 2890.1:2004
- EXISTING SITE LEVELS
- NEW SITE LEVELS TO CIVIL ENGINEER'S DRAWINGS
- BOUNDARY LINE
- EXTEND OF RETAINING WALL (SUBJECT TO RESIDENTIAL DESIGN)
- EXTEND OF EASEMENT
- STORMWATER PIT AS PER CIVIL ENG. DWG
- TREES, AS PER LANDSCAPING CONSULTANT'S DWG



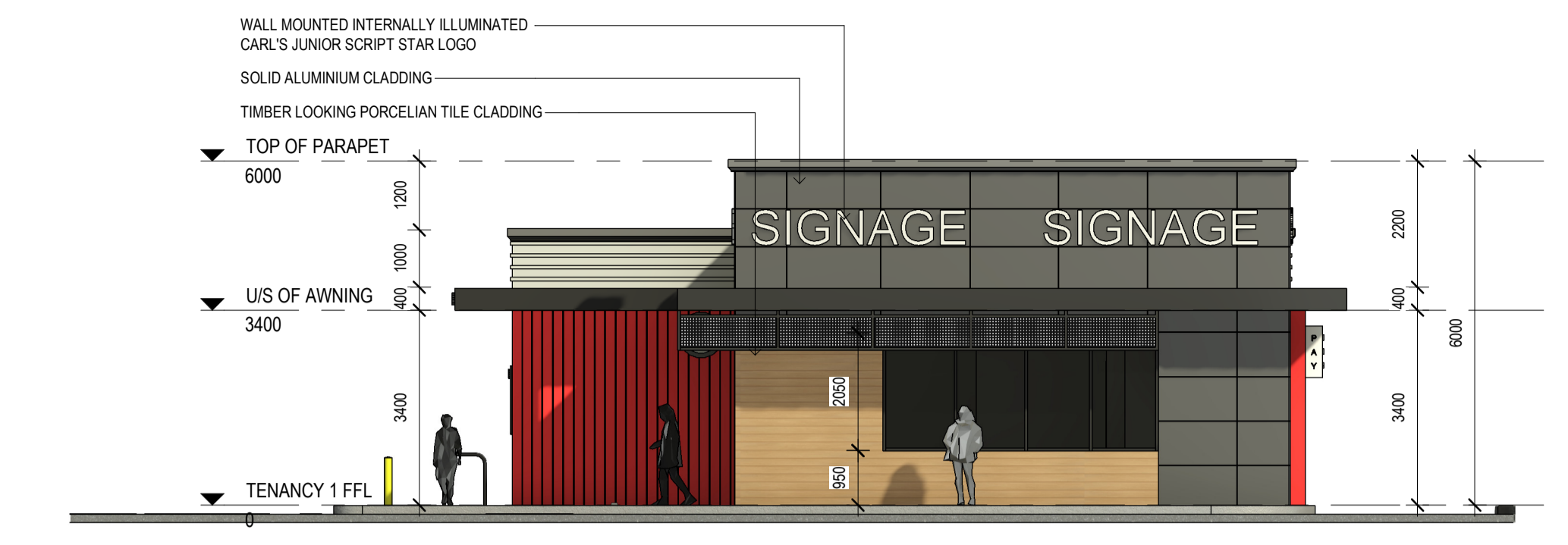
ISSUED FOR DA	JR	NP	18.12.2023
revision/ issue description	drawn by	check by	date
MIXED COMMERCIAL DEVELOPMENT		PROPOSED OVERALL SITE PLAN	
LOT 201 - 203 WANNEROO ROAD, WANNEROO		checked NP	
scale As indicated	date 18.12.2023	project no 188.21	dwg no DA02 rev F

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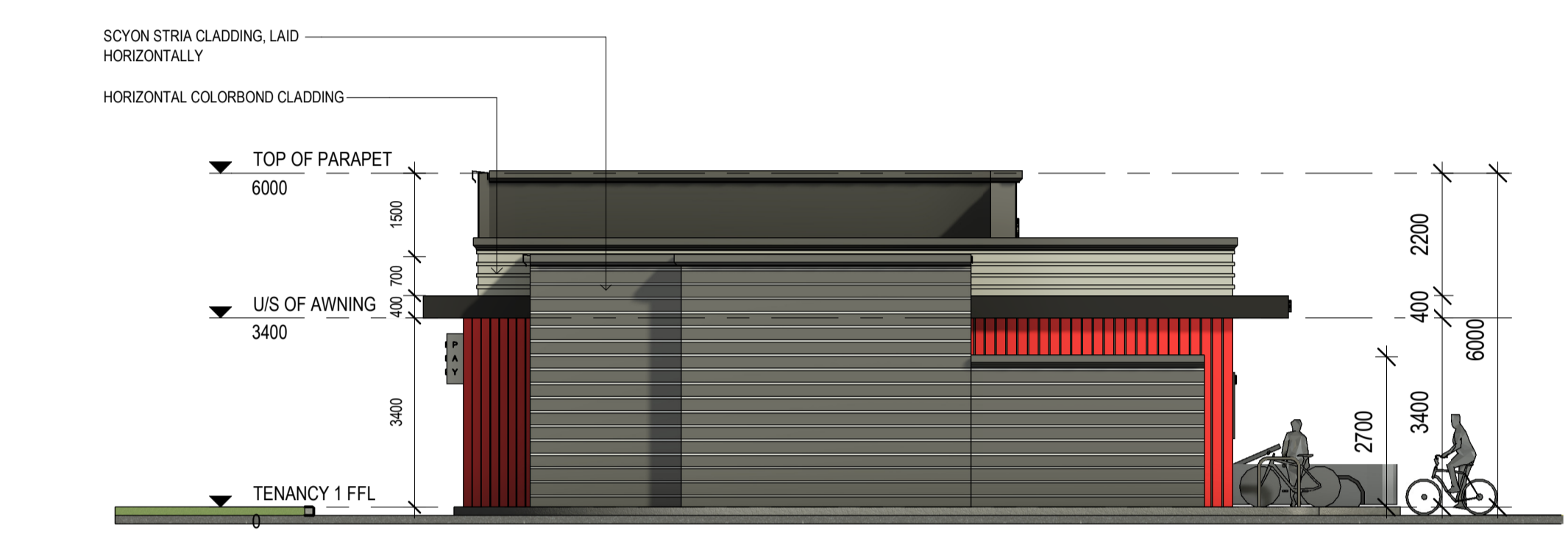
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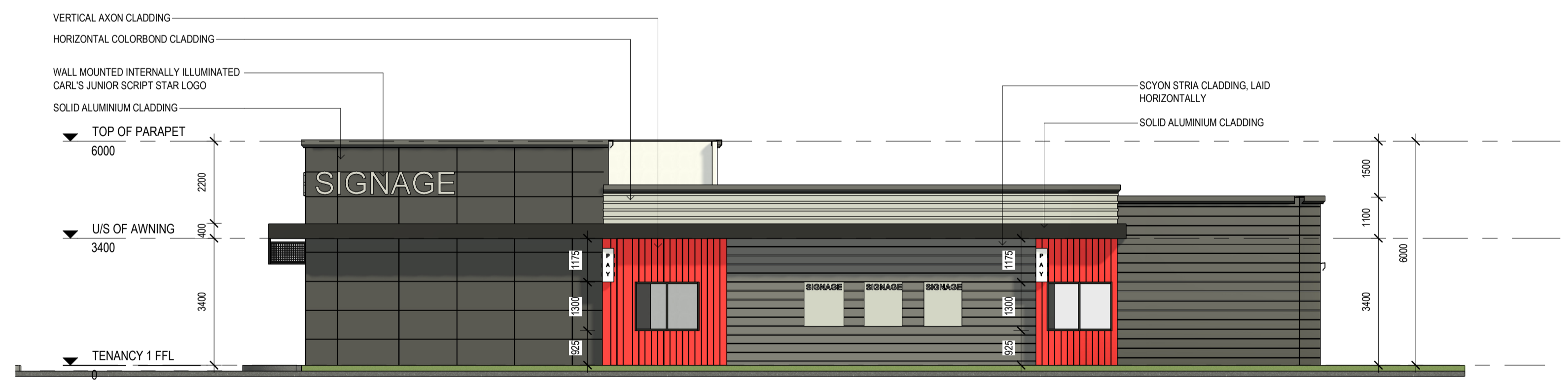
1 GROUND FLOOR PLAN - TENANCY 1
1:100



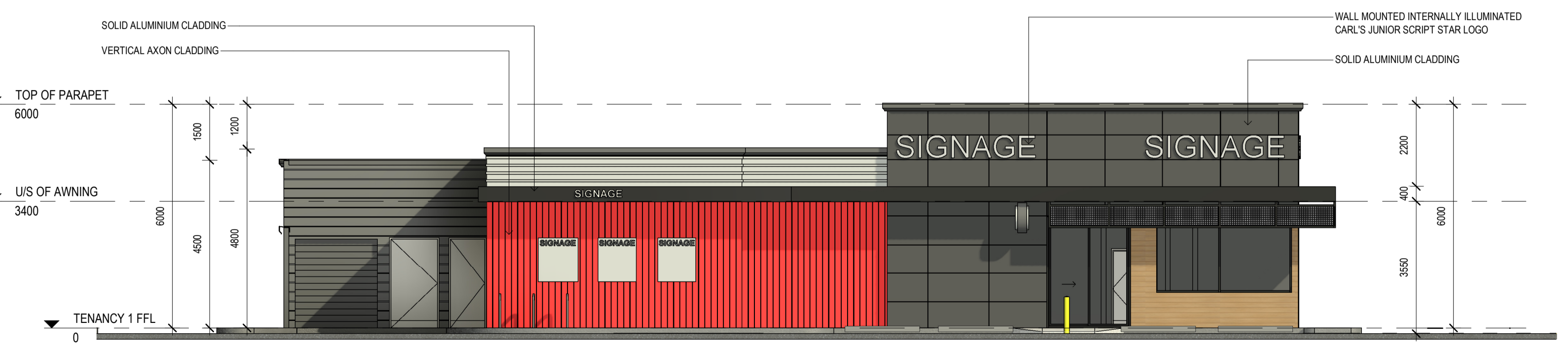
2 TENANCY 1 EAST ELEVATION
1:100



5 TENANCY 1 WEST ELEVATION
1:100



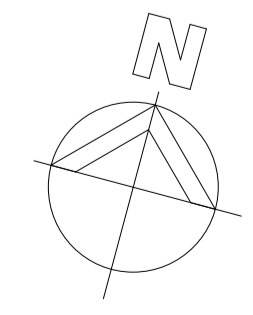
3 TENANCY 1 NORTH ELEVATION
1:100



4 TENANCY 1 SOUTH ELEVATION
1:100



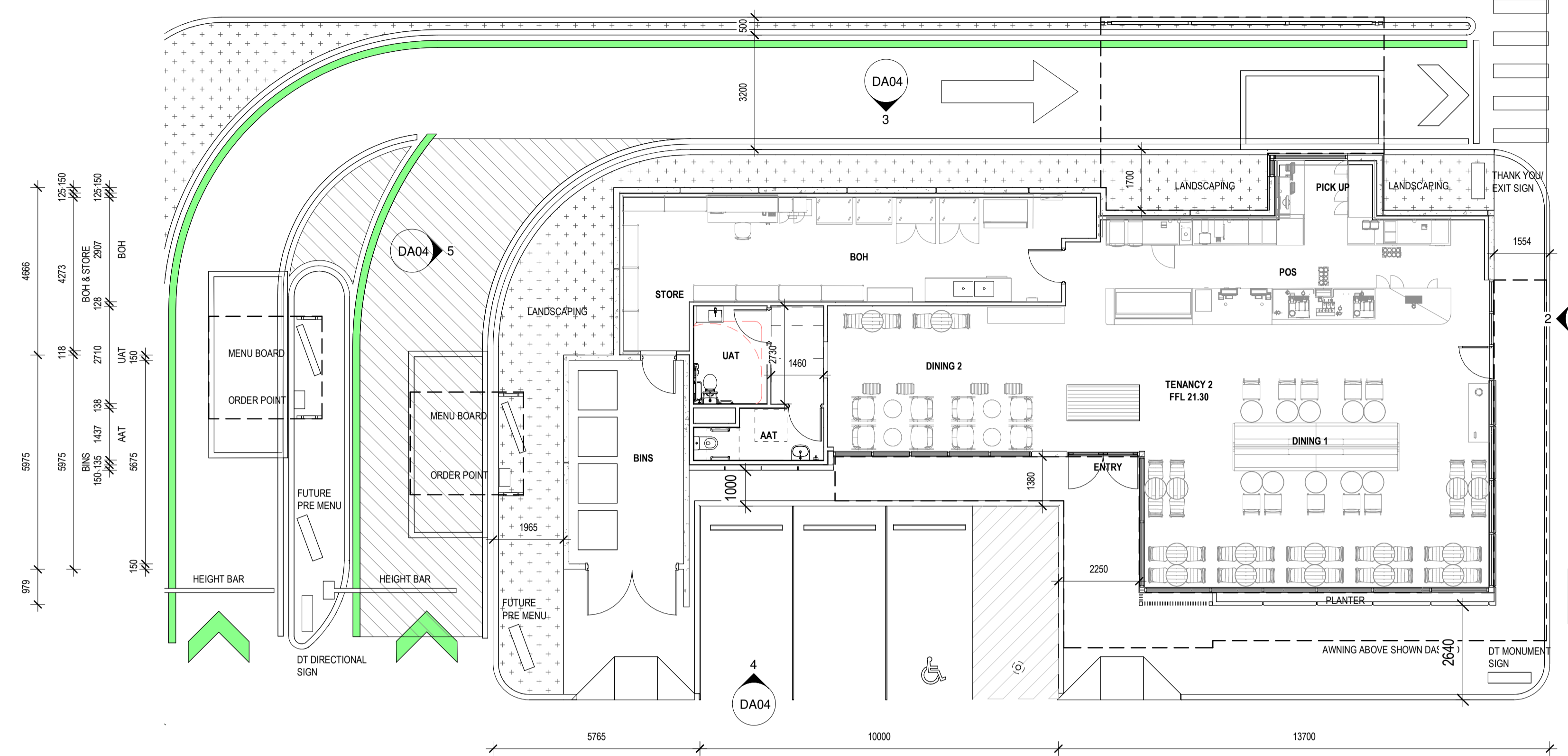
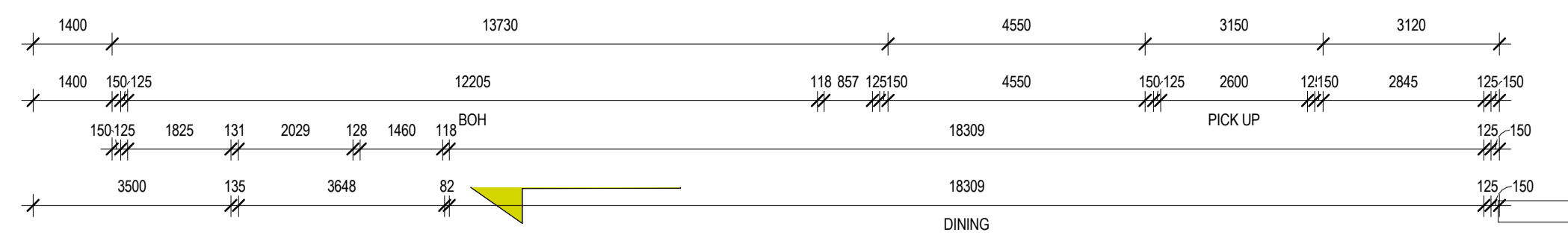
6 TENANCY 1 3D ARTIST'S IMPRESSION



F	ISSUED FOR DA	JR	NP	18.12.2023
revision/ issue	description	drawn by	check by	date
project	MIXED COMMERCIAL DEVELOPMENT	drawn by	description	PROPOSED FLOOR PLAN & ELEVATIONS - TENANCY 1
location	LOT 201 - 203 WANNEROO ROAD, WANNEROO	checked	NP	
		scale	1:100	date 18.12.2023
		project no	188.21	dwg no DA03
		rev	F	

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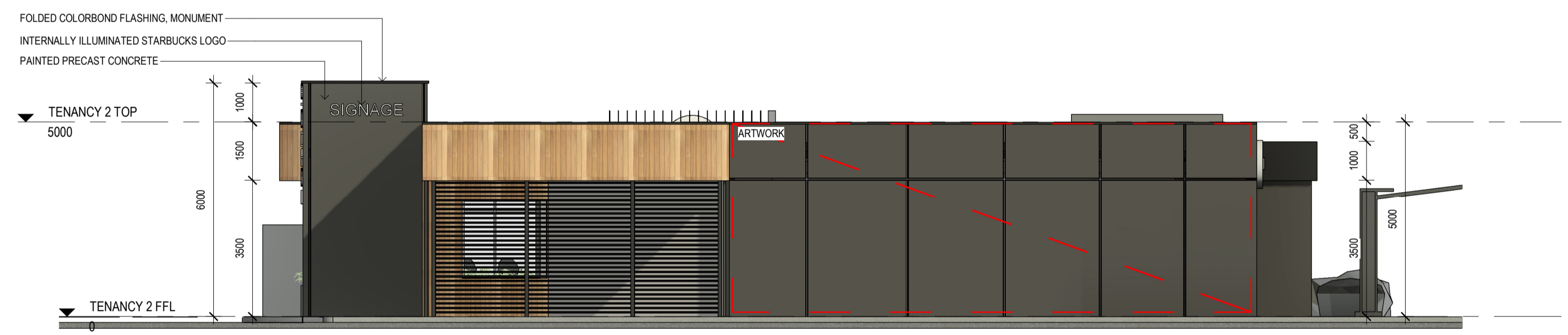
1 GROUND FLOOR PLAN - TENANCY 2
1: 100



2 TENANCY 2 EAST ELEVATION
1: 100



5 TENANCY 2 WEST ELEVATION
1: 100



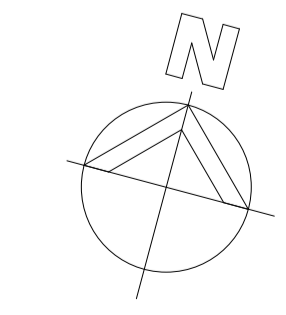
3 TENANCY 2 NORTH ELEVATION
1: 100



7 TENANCY 2 ARTIST'S IMPRESSION



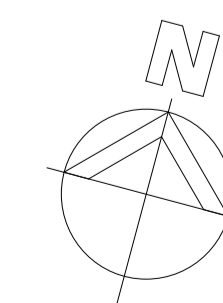
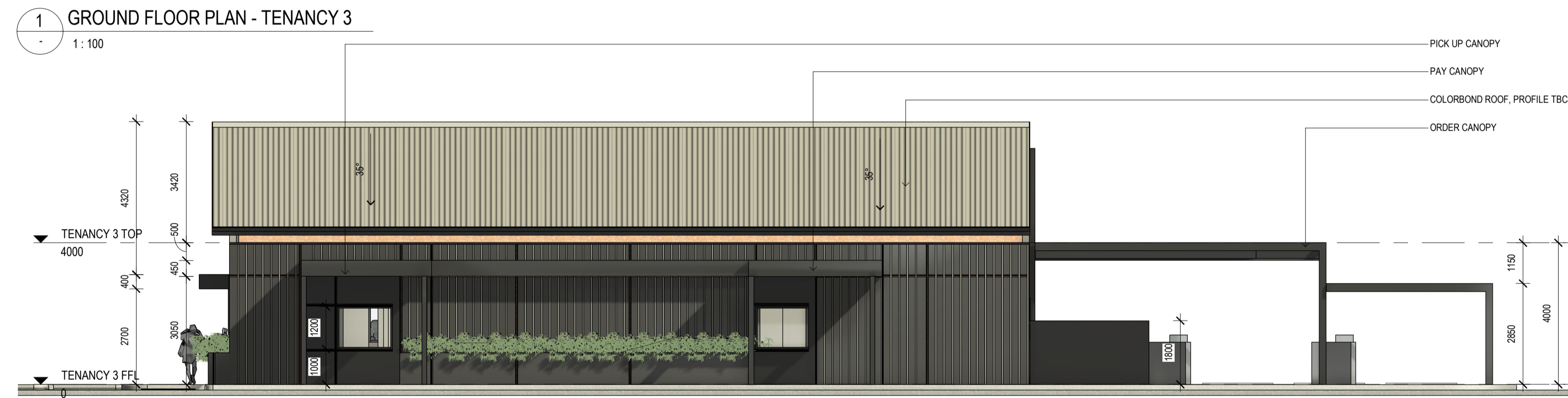
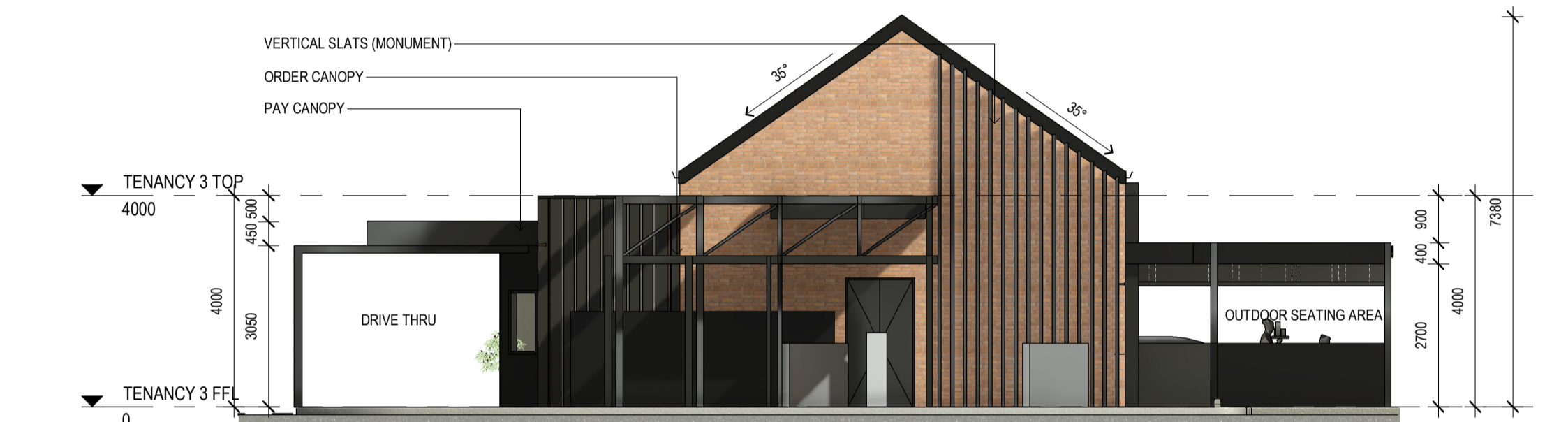
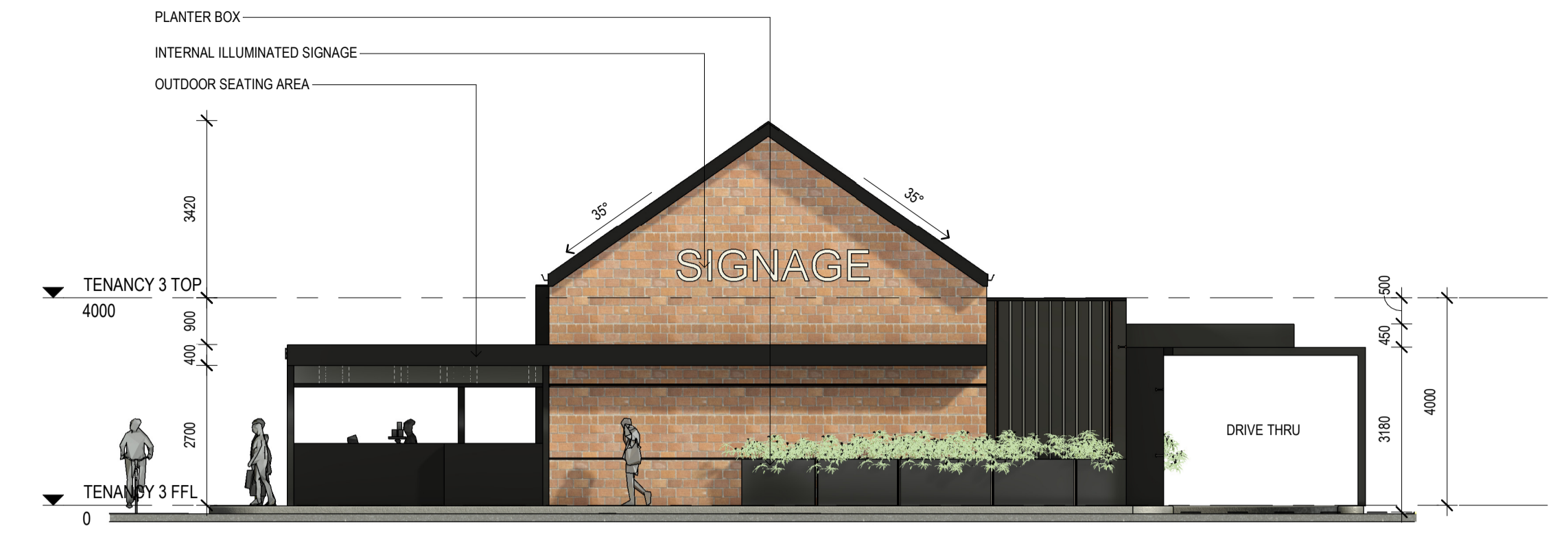
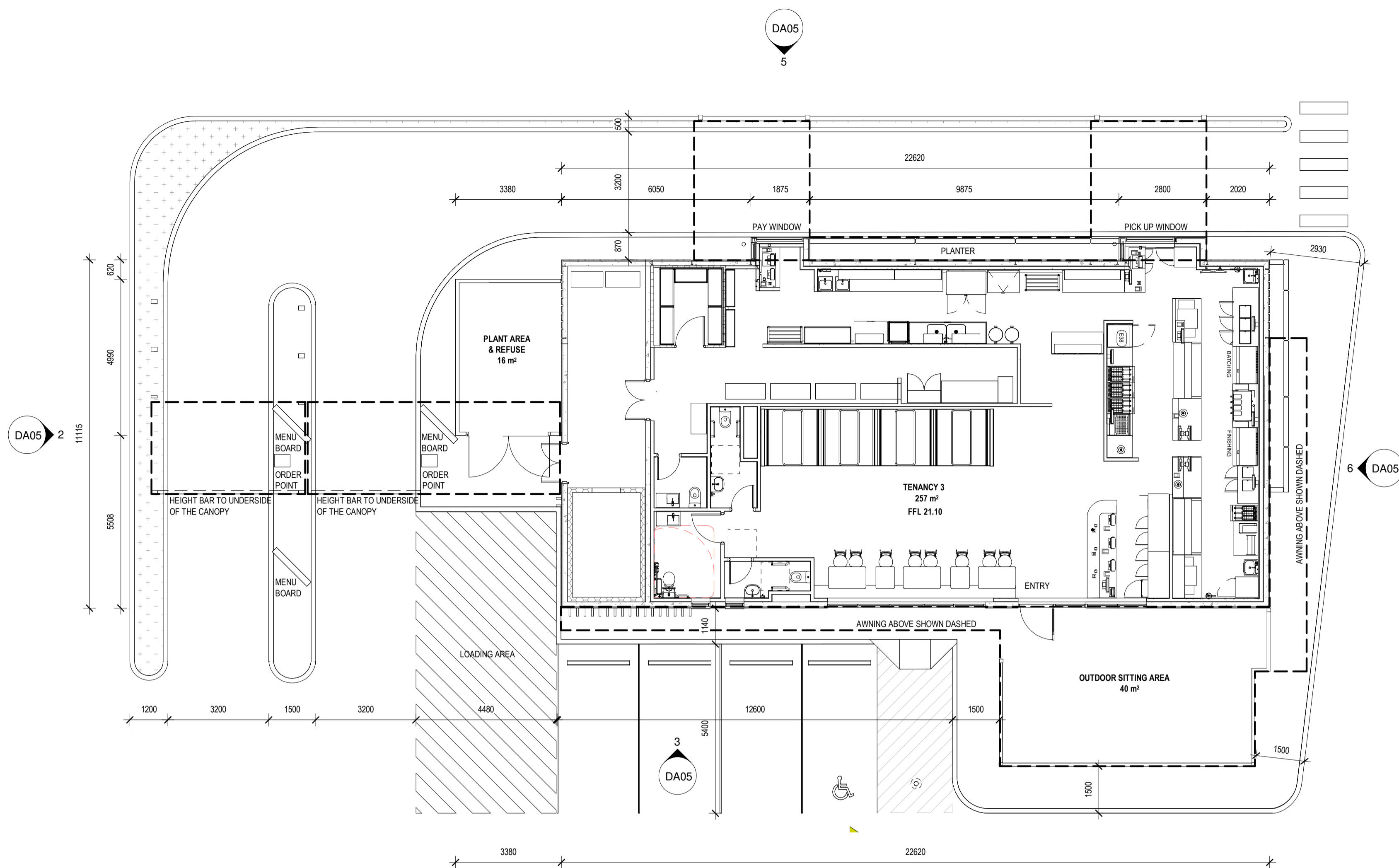
4 TENANCY 2 SOUTH ELEVATION
1: 100



ISSUED FOR DA		JR	NP	18.12.2023
revision/ issue	description	drawn by	check by	date
project	MIXED COMMERCIAL DEVELOPMENT	JR	NP	PROPOSED FLOOR PLAN & ELEVATIONS - TENANCY 2
location	LOT 201 - 203 WANNEROO ROAD, WANNEROO	checked	NP	
scale	1: 100	date	18.12.2023	project no
				188.21
				dwg no
				DA04
				rev
				F

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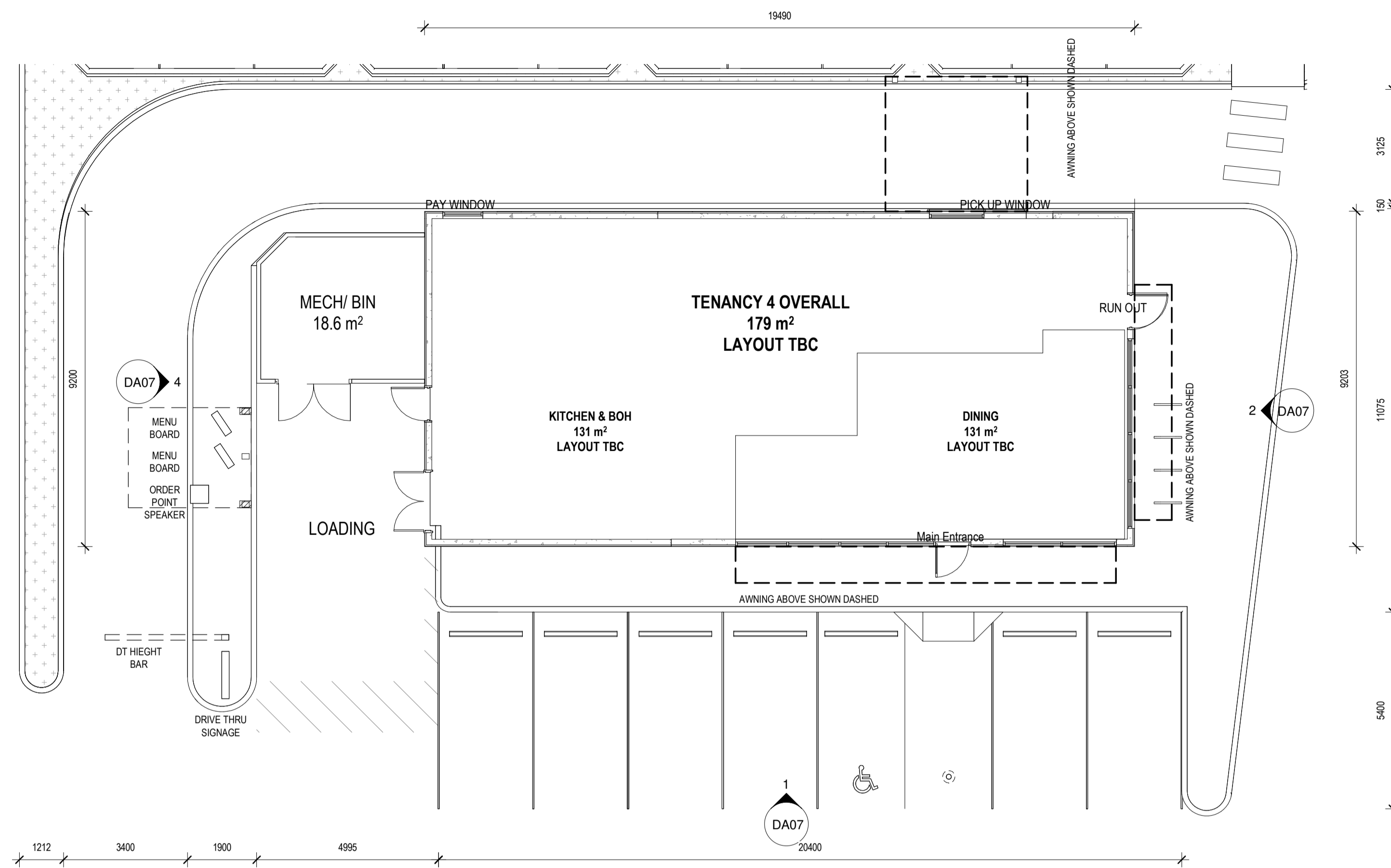
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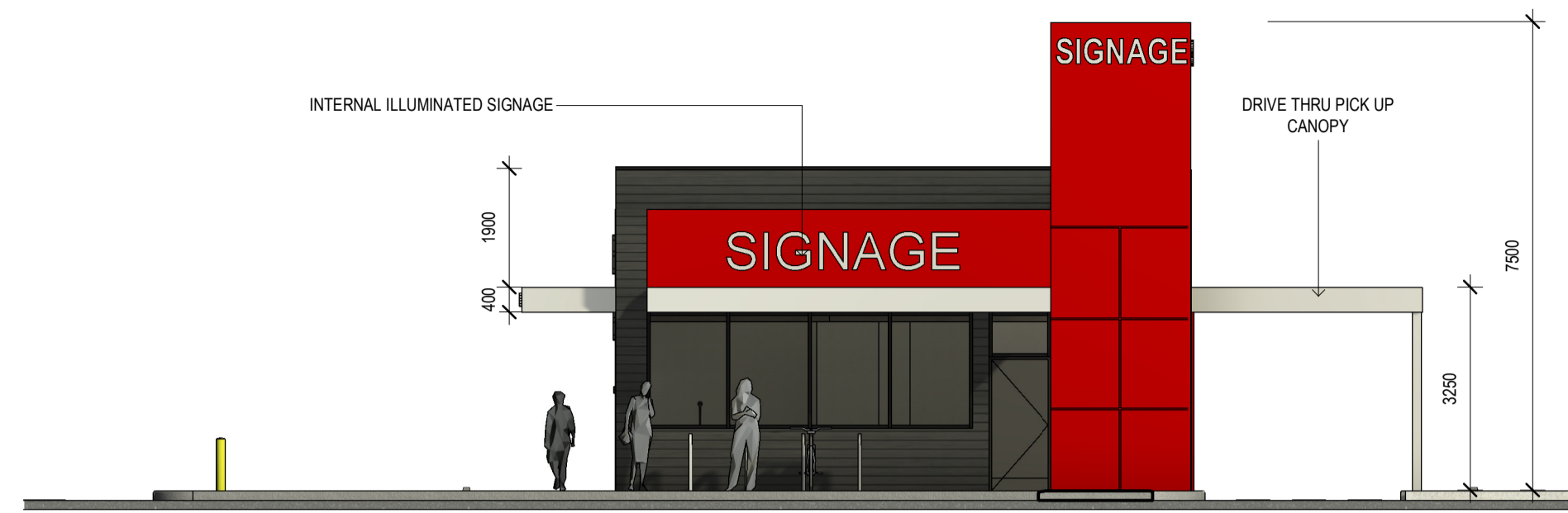
revision/ issue	ISSUED FOR DA	JR	NP	18.12.2023
description		drawn by	check by	date
project	MIXED COMMERCIAL DEVELOPMENT	JR		PROPOSED FLOOR PLAN & ELEVATIONS - TENANCY 3
location	LOT 201 - 203 WANNEROO ROAD, WANNEROO	checked	NP	
scale	1: 100	date	18.12.2023	project no
				188.21
				dwg no
				DA05
				rev
				F

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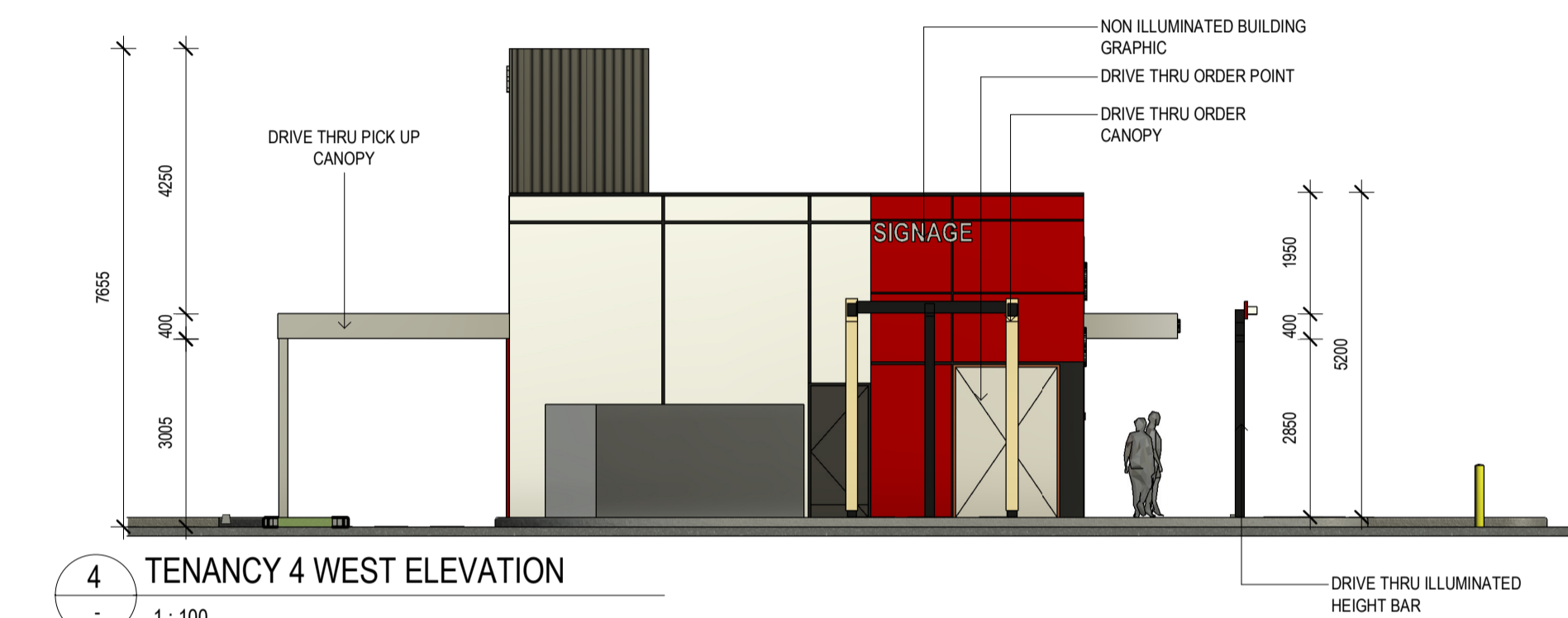
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6 GROUND FLOOR PLAN - TENANCY 4
1:100



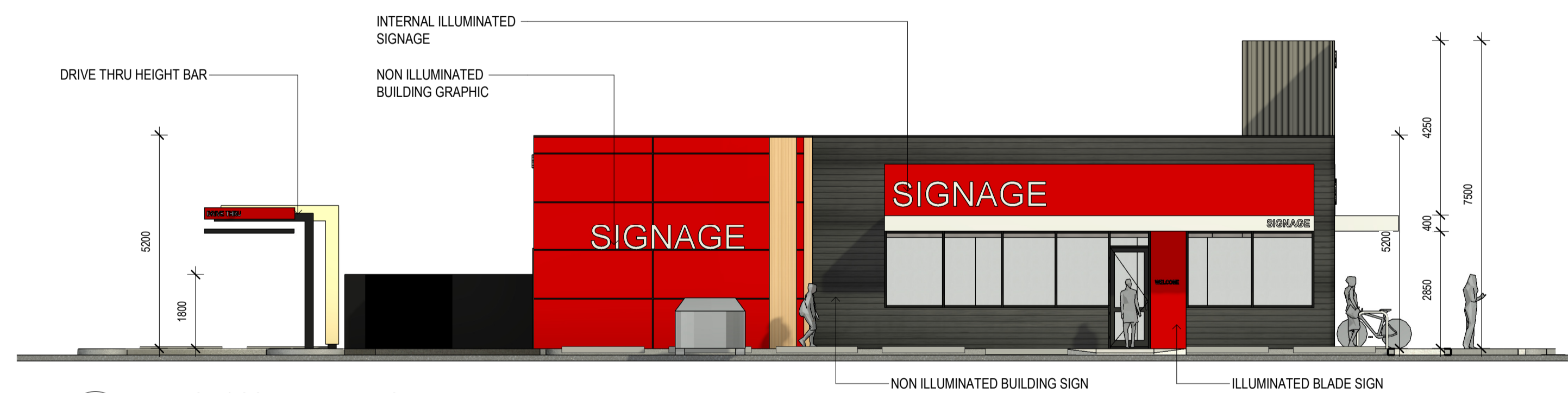
2 TENANCY 4 EAST ELEVATION
1:100



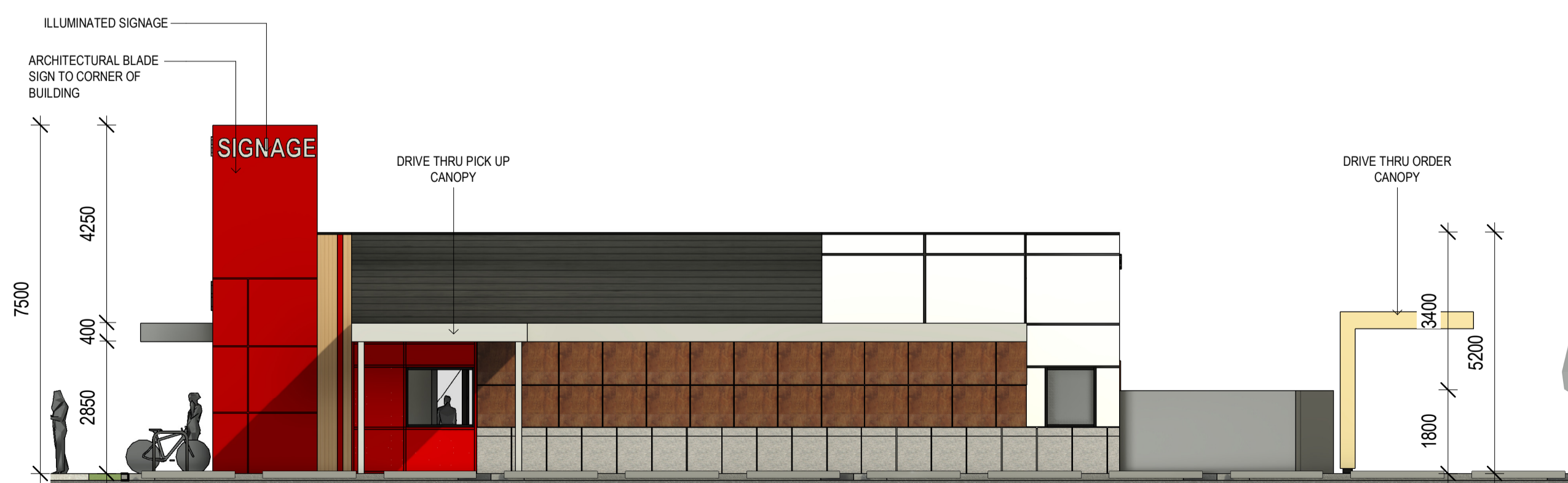
4 TENANCY 4 WEST ELEVATION
1:100



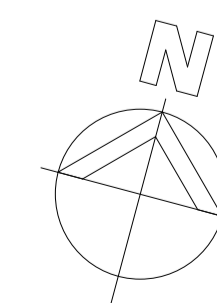
5 TENANCY 4 ARTIST'S IMPRESSION 1



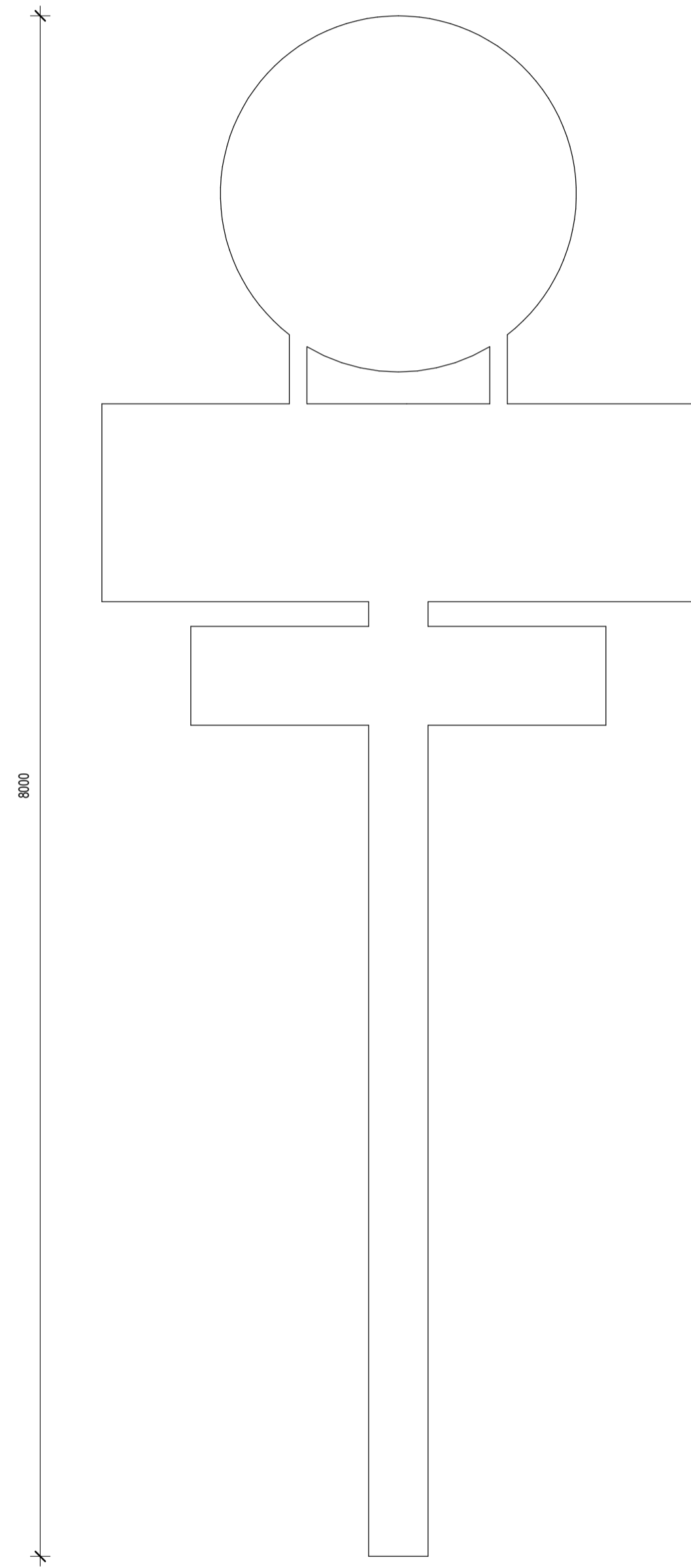
1 TENANCY 4 SOUTH ELEVATION
1:100



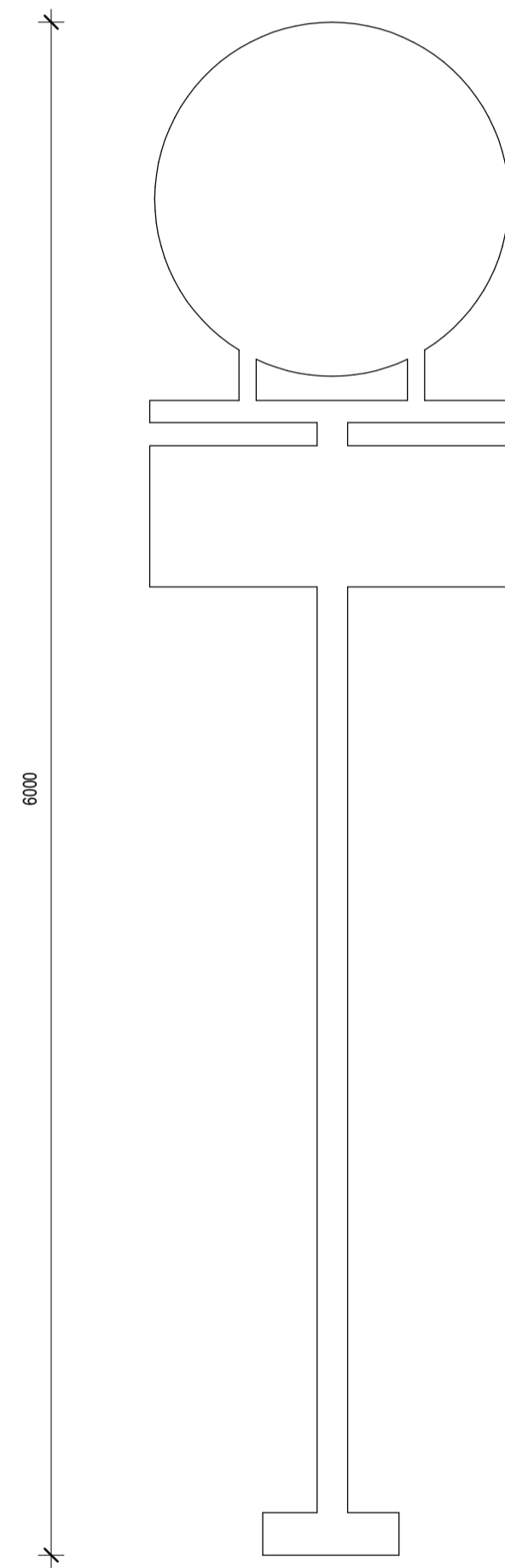
3 TENANCY 4 NORTH ELEVATION
1:100



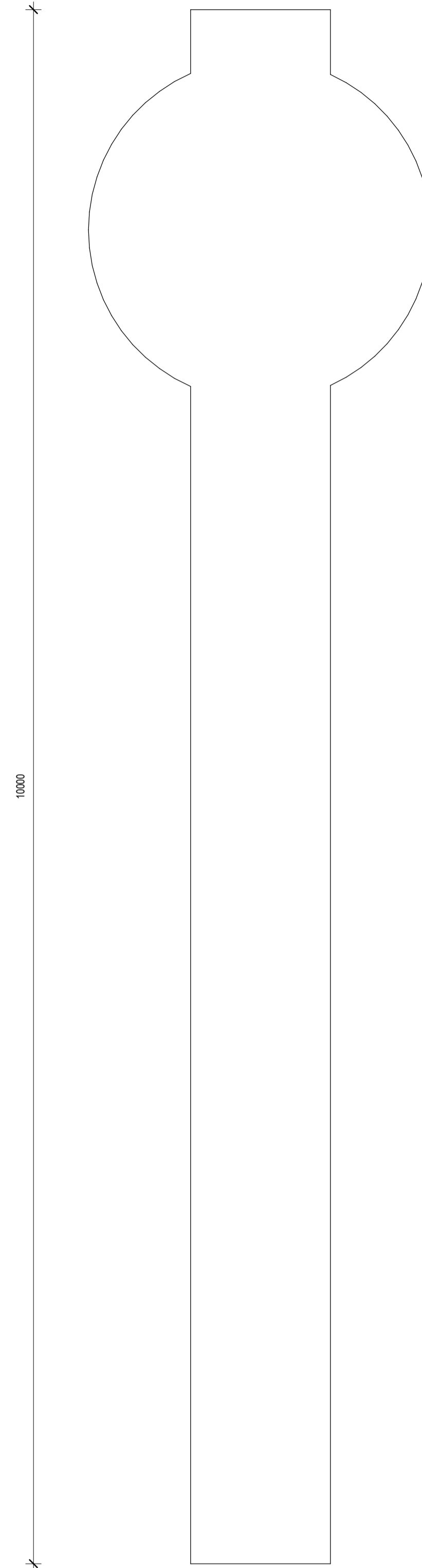
revision/ issue	description	JR	NP	18.12.2023
drawn		drawn by	check by	date
MIXED COMMERCIAL DEVELOPMENT		description		
LOT 201 - 203 WANNEROO ROAD, WANNEROO		PROPOSED TENANCY 4 ELEVATIONS		
checked		checked		
Checker		Checker		
scale	1:100	date	18.12.2023	
Hodge Collard Preston ARCHITECTS		project no	188.21	dwg no DA07
		rev	F	



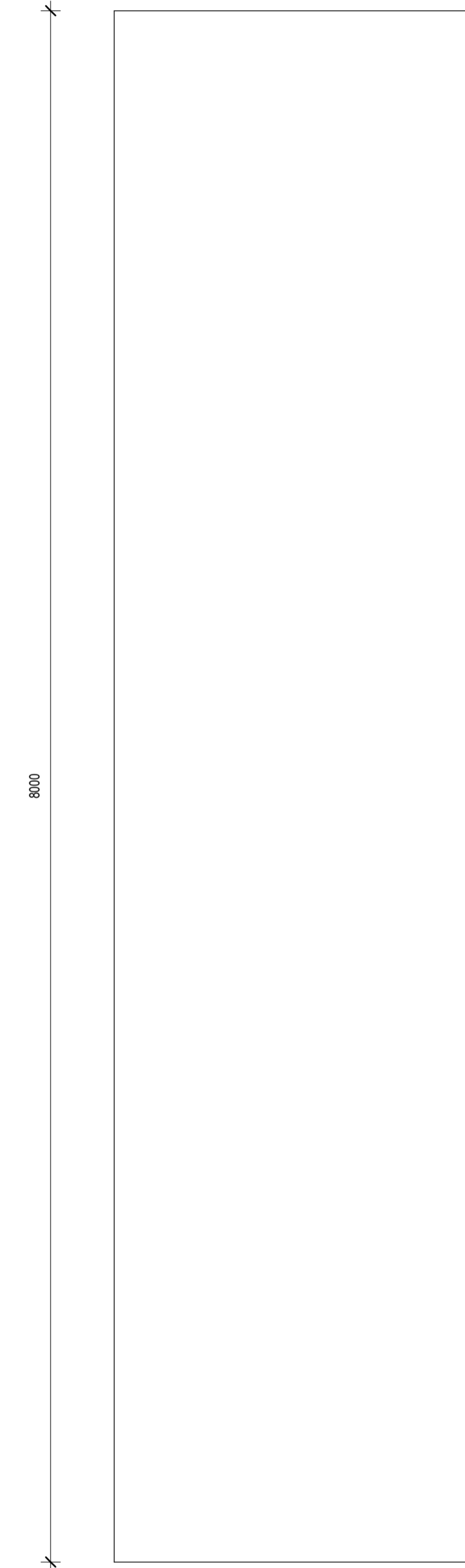
TENANCY 1 PYLON SIGN
1:25



TENANCY 2 PYLON SIGN
1:25



TENANCY 3 PYLON SIGN
1:25



TENANCY 4 PYLON SIGN
1:25

F		ISSUED FOR DA	JR	NP	18.12.2023
revision/ issue	description		drawn by	check by	date
project	MIXED COMMERCIAL DEVELOPMENT		JR	NP	PYLON SIGN ELEVATIONS
location	LOT 201 - 203 WANNEROO ROAD, WANNEROO		checked	NP	
scale	1:25	date	18.12.2023		
Hodge Collard Preston ARCHITECTS		Third Floor, 38 Richardson Street, West Perth, WA 6005 PO Box 743, West Perth, WA 6872 Ph: (08) 9322 5144 Fax: (08) 9322 5140 Email: admin@hccparoh.com	project no	188.21	dwg no DA08 rev F



TENANCY 1 ARTIST'S IMPRESSION
1:2



TENANCY 2 ARTIST'S IMPRESSION
1:2



TENANCY 3 ARTIST'S IMPRESSION
1:2



TENANCY 4 ARTIST'S IMPRESSION
1:2

revision/ issue	description	JR	NP	18.12.2023
drawn by		check by		date
project	MIXED COMMERCIAL DEVELOPMENT	JR		description
location	LOT 201 - 203 WANNEROO ROAD, WANNEROO	NP		ARTIST'S IMPRESSIONS
checked		NP		date
scale	1:2	date	18.12.2023	project no
Hodge Collard Preston ARCHITECTS Third Floor, 38 Richardson Street, West Perth, WA 6005 PO Box 743, West Perth, WA 6872 Ph: (08) 9322 5144 Fax: (08) 9322 5140 Email: admin@hccparoh.com		188.21	dwg no	DA09
			rev	F

<p>01. CONTEXT AND CHARACTER</p> <p><i>GOOD DESIGN RESPONDS TO AND ENHANCES THE DISTINCTIVE CHARACTERISTICS OF A LOCAL AREA, CONTRIBUTING TO A SENSE OF PLACE.</i></p>	<ul style="list-style-type: none"> • THE SITES CONTEXT IS A SERVICE RETAIL USE ON A MAIN VEHICLE ROUTE WITH A DECELERATION LANE FROM THE MAIN ROAD INTO THE SITE. • THE SURROUNDING SITES INCLUDE RETAIL / COMMERCIAL / FAST FOOD OUTLETS • THE DEVELOPMENT WILL ADDRESS THE MAIN ROAD LOCATION • THE SITES CONTEXT WILL BE ENHANCED WITH THIS DEVELOPMENT, THE SCALE AND CHARACTER WILL ADD TO THE EXISTING NEIGHBOURING DEVELOPMENTS AND ADDRESS THE 3RD CORNER OF THE ADJACENT TRAFFIC LIGHTS • THE DESIGN ADDRESSES THE SITES SPECIFIC NATURAL FALLS AND LEVELS SETBACK FROM WANNEROO ROAD
<p>02. LANDSCAPE QUALITY</p> <p><i>GOOD DESIGN RECOGNIZES THAT TOGETHER LANDSCAPE AND BUILDINGS OPERATE AS AN INTEGRATED AND SUSTAINABLE SYSTEM, WITHIN A BROADER ECOLOGICAL CONTEXT.</i></p>	<ul style="list-style-type: none"> • QUALITY LANDSCAPING IS PROPOSED THROUGH THE DEVELOPMENT • A VARIETY OF LANDSCAPING SPECIES AND SCALES ARE PROVIDED TO ENHANCE TO DEVELOPMENT • THE SOFT AND HARD LANDSCAPING ELEMENTS HELP DEFINE PEDESTRIAN AND VEHICLE ROUTES
<p>03. BUILT FORM AND SCALE</p> <p><i>GOOD DESIGN ENSURES THAT THE MASSING AND HEIGHT OF DEVELOPMENT IS APPROPRIATE TO ITS SETTING AND SUCCESSFULLY NEGOTIATES BETWEEN EXISTING BUILT FORM AND THE INTENDED FUTURE CHARACTER OF THE LOCAL AREA.</i></p>	<ul style="list-style-type: none"> • THE DEVELOPMENT PROPOSES AN APPROPRIATE BUILT FORM & SCALE ADDRESSING THE WANNEROO ROAD LOCATION • THE SCALE OF THE BUILDINGS PROVIDE CLEAR IDENTIFICATION FOR CUSTOMERS TRAVELLING VIA CAR OR FOOT • THE USE OF VARYING SCALES WITHIN EACH BUILDING ALLOWS FOR CLEARLY DEFINED SIGNAGE LOCATIONS AND A VARIETY OF FORMS TO ENHANCE THE AESTHETIC OF THE DEVELOPMENT PROPOSAL • ALL SIDES OF EACH BUILDING ARE CAREFULLY CONSIDERED WITH ALL SIDES VISIBLE FROM THE PUBLIC REALM.
<p>04. FUNCTIONALITY AND BUILT QUALITY</p> <p><i>GOOD DESIGN MEETS THE NEEDS OF USERS EFFICIENTLY AND EFFECTIVELY, BALANCING FUNCTIONAL REQUIREMENTS TO PERFORM WELL AND DELIVER OPTIMUM BENEFIT OVER THE FULL LIFE-CYCLE.</i></p>	<ul style="list-style-type: none"> • THE DESIGN OF THE DEVELOPMENT IS HIGHLY FUNCTIONAL AND EFFICIENT. • THE USES OF THE DEVELOPMENT DRIVE THIS EFFICIENCY TO CATER FOR THE FUNCTIONALITY OF THEIR OFFERINGS • EACH BUILDING UTILISES A VARIETY OF HIGH QUALITY EXTERNAL AND INTERNAL FINISHES TO ENHANCE THE BUILD QUALITY OF THE DEVELOPMENT • SERVICES FOR THE DEVELOPMENT AND BUILDINGS IS CAREFULLY CONSIDERED AND INCORPORATED
<p>05. SUSTAINABILITY</p> <p><i>GOOD DESIGN OPTIMISES THE SUSTAINABILITY OF THE BUILT ENVIRONMENT, DELIVERING POSITIVE ENVIRONMENTAL, SOCIAL AND ECONOMIC OUTCOMES.</i></p>	<ul style="list-style-type: none"> • SUSTAINABLE AND WATER-WISE LANDSCAPING IS PROPOSED AS PER THE LANDSCAPING DRAWINGS • A VARIETY OF SPECIES AND SCALE OF LANDSCAPING IS PROPOSED TO ENHANCE THE SUSTAINABILITY AND NATURAL ENVIRONMENT • ALL BUILDINGS WILL BE DESIGNED IN ACCORDANCE WITH SECTION J OF THE NCC FOR ENERGY EFFICIENCY AND SUSTAINABILITY
<p>06. AMENITY</p> <p><i>GOOD DESIGN PROVIDES SUCCESSFUL PLACES THAT OFFER A VARIETY OF USES AND ACTIVITIES WHILE OPTIMISING INTERNAL AND EXTERNAL AMENITY FOR OCCUPANTS, VISITORS AND NEIGHBOURS, PROVIDING ENVIRONMENTS THAT ARE COMFORTABLE, PRODUCTIVE AND HEALTHY.</i></p>	<ul style="list-style-type: none"> • THE DEVELOPMENT PROVIDES AN AMENITY TO THE LOCAL AND TRAVELLING COMMUNITY • AMENITY OF THE LOCAL COMMUNITY IS NOT AFFECTED NEGATIVELY WITH THE DEVELOPMENT SET BACK FROM WANNEROO ROAD BEHIND THE EXISTING DRAINAGE SWALE • THE DEVELOPMENT PROVIDES A MIX OF FOOD AND BEVERAGE OPTIONS TO THE LOCAL AND WIDER COMMUNITY • THE INTERNAL SPACES OF THE FACILITIES ARE DESIGNED AROUND EFFICIENCY WHILST PROVIDING A PUBLIC DINING AREA OF HIGH QUALITY

<p>07. LEGIBILITY</p> <p><i>GOOD DESIGN RESULTS IN BUILDINGS AND PLACES THAT ARE LEGIBLE, WITH CLEAR CONNECTIONS AND EASILY IDENTIFIABLE ELEMENTS TO HELP PEOPLE FIND THEIR WAY AROUND.</i></p>	<ul style="list-style-type: none"> • THE LEGIBILITY OF THE DEVELOPMENT IS KEY TO ITS SUCCESS WITH A FUNCTIONAL AND LOGICAL LAYOUT • THE DEVELOPMENT IS LOCATED ON WANNEROO ROAD AND ADDRESSES THE MAIN ROAD CLEARLY DEFINING ENTRY POINTS • THE SEPARATION OF PEDESTRIANS AND VEHICLES IS CLEARLY ARTICULATED WITH SIGNAGE AND GROUND FINISHES • THE DEVELOPMENTS DESIGN CLEARLY DISPLAYS THE SITE AND BUILDING USES
<p>08. SAFETY</p> <p><i>GOOD DESIGN OPTIMISES SAFETY AND SECURITY, MINIMISING THE RISK OF PERSONAL HARM AND SUPPORTING SAFE BEHAVIOUR AND USE.</i></p>	<ul style="list-style-type: none"> • THE DEVELOPMENT DOES NOT A 'REAR / BACK' SIDE WITH ALL ELEVATIONS ACTIVATED PROVIDING PASSIVE SURVEILLANCE THROUGH THE SITE • THE SEPARATION OF THE BUILDINGS ALLOWS FOR VIEW CORRIDOES THROUGH THE SITE ALSO ENHANCING PASSIVE SURVEILLANCE • VEHICLE AND PEDESTRIAN ROUTES ARE CLEARLY DEFINED WITH LINKS FOR PEDESTRIANS THROUGHOUT THE SITE
<p>09. COMMUNITY</p> <p><i>GOOD DESIGN RESPONDS TO LOCAL COMMUNITY NEEDS AS WELL AS THE WIDER SOCIAL CONTEXT, PROVIDING ENVIRONMENTS THAT SUPPORT A DIVERSE RANGE OF PEOPLE AND FACILITATE SOCIAL INTERACTION.</i></p>	<ul style="list-style-type: none"> • THE DEVELOPMENT WILL PROVIDE A REQUIRED AMENITY TO THE COMMUNITY • THE FACILITIES PROVIDE A VARIETY OF INDOOR / OUTDOOR DINING AND DRIVE THRU OPTIONS. • THE DEVELOPMENT PROVIDES PEDESTRIAN AND VEHICLE LINKAGES TO THE PUBLIC REALM
<p>10. AESTHETICS</p> <p><i>GOOD DESIGN IS THE PRODUCT OF A SKILLED, JUDICIOUS DESIGN PROCESS THAT RESULTS IN ATTRACTIVE AND INVITING BUILDINGS AND PLACES THAT ENGAGE THE SENSES.</i></p>	<ul style="list-style-type: none"> • THE DESIGNS OF EACH BUILDING IS DERIVED FROM NATIONAL BRANDING OF WELL KNOW FAST FOOD / COFFEE OUTLETS • THE SCALE OF EACH BUILDING ADDRESSES THE MAIN ROAD LOCATION • EACH BUILDING USES A VARIETY OF FORMS, SCALES AND MATERIALS TO PROVIDE A COHERENT DESIGN • EACH FACILITY IS A 4 SIDED DESIGN INDIVIDUALLY ADDRESSED DEPENDENT ON THE VIEWING ANGLES FOR CUSTOMERS APPROACH TO THE SITE.



CITY OF WANNEROO

WANNEROO ROAD (H035)

SLK 25.58 TO SLK 25.79

NORTHBOUND LEFT IN TURN POCKET

ROADWORKS

DRAWINGS - AS CONSTRUCTED

AS CONSTRUCTED

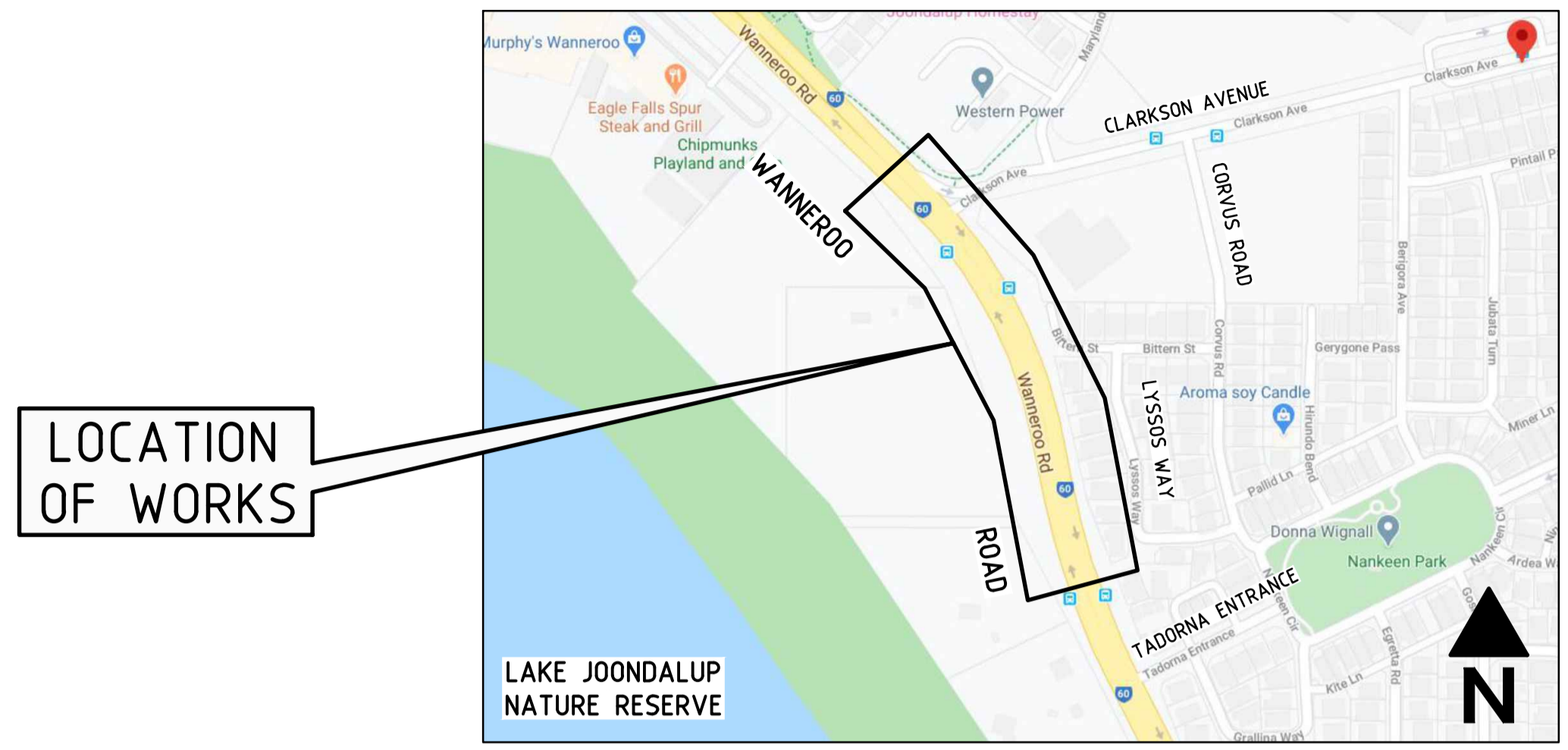


Member of the Surbana Jurong Group

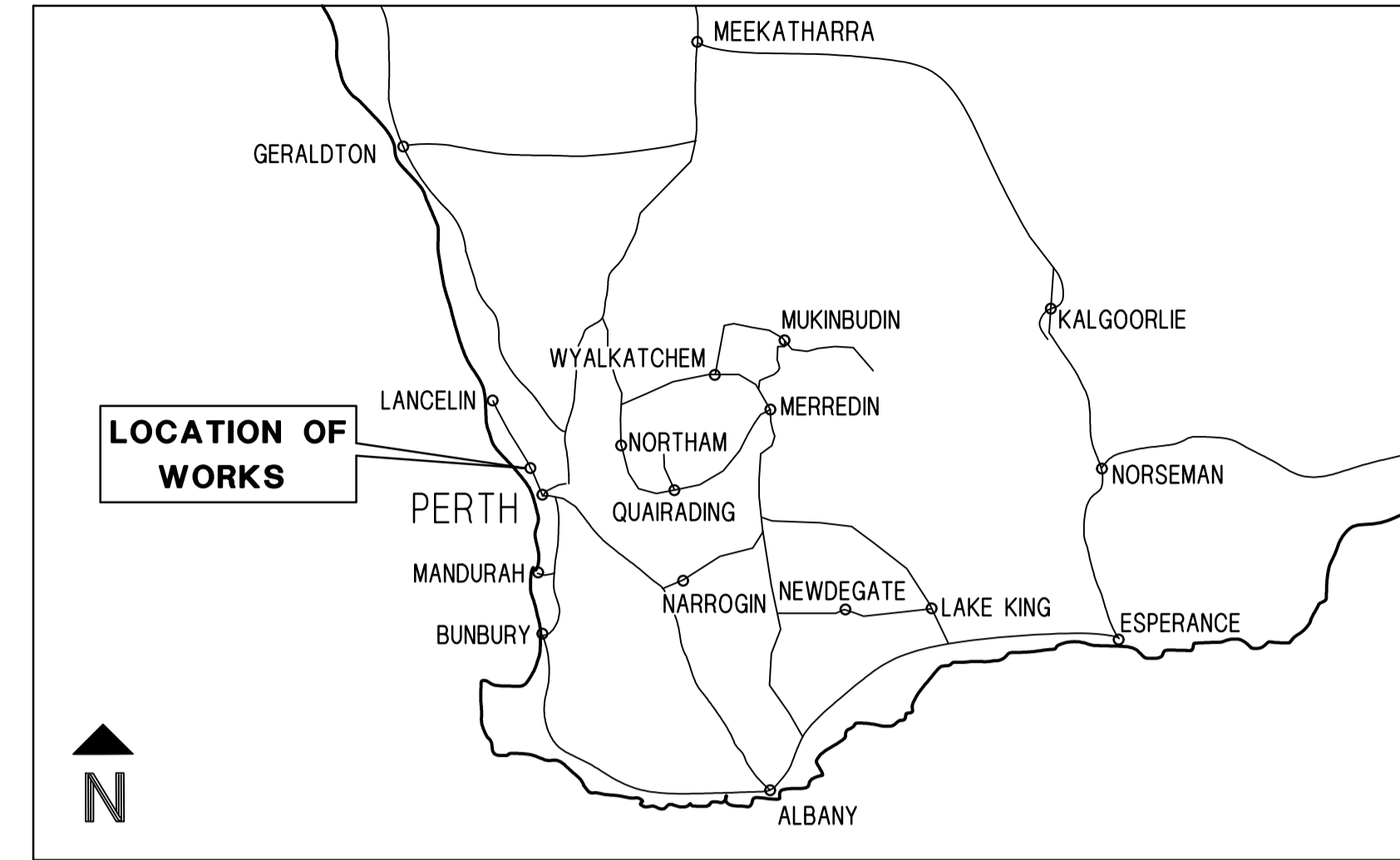
Member of the Surbana Jurong Group

© ABN 47 065 475 149

LEVEL 14 109 ST GEORGES TERRACE
PERTH WA 6000



LOCALITY PLAN
NOT TO SCALE



KEY PLAN
NOT TO SCALE

CITY OF WANNEROO WANNEROO ROAD (H035)

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GENERAL DRAWINGS

- 202048-3192 COVER SHEET
- 202048-3193 LOCALITY PLAN & DRAWING INDEX

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- 202048-3195 CULVERT CROSS SECTIONS AND SCHEDULE

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- 202048-3197 PLAN & PROFILE - MC02 - CHA 0 TO CHA 40
- 202048-3198 PLAN & PROFILE - MP01 (PATH) - CHA 0 TO CHA 115

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- 202048-3199 LAYOUT PLAN

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- 202048-3206 DRAINAGE & SERVICES PLAN

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- 202048-3207 SAFETY BARRIER PLAN

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- 202248-3209 ASSET RESPONSIBILITY - LANDSCAPING
- 202248-3210 ASSET RESPONSIBILITY - DRAINAGE AND SAFETY BARRIERS

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- 9331-0377 KERBING TREATMENTS
- 201331-036 TYPICAL DETAILS DGA TRANSVERSE JOINTS

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- 200131-062 R.C.P. BEDDING & BACKFILLING DETAILS
- 201631-0090 R.C.P. CULVERT CONSTRUCTION DETAILS OF APRON SLABS, WINGWALLS AND HEADWALLS
- 201131-0069 KERBED BATTER DRAINS TYPICAL DETAILS
- 200231-084 DRAINAGE STRUCTURES SELECTION GUIDE
- 200231-088 TWN, SWN, & SRN STRUCTURES

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- 9531-2010 PAVEMENT ARROWS DIMENSIONS
- 9531-2011 PAVEMENT ARROWS POSITION DETAILS
- 9931-0198 PAVEMENT MARKING LINE TYPES
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- 9548-0106 LOCATION DETAILS FOR ONE POST SIGNS
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- 200331-0012 'W' BEAM - ASSEMBLY DETAILS
- 200331-0013 'W' BEAM - FABRICATION DETAILS
- 200331-0014 'W' BEAM - STEEL POST & BLOCKOUT
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- 200331-0016 BOLT, NUT & WASHER - FABRICATION DETAILS
- 201031-0030 'W' BEAM - 4000 CLEAR SPAN
- 201231-0041 GENERAL ARRANGMENT 'W' BEAM - SPLICE LOCATION AT MIDSPAN

AS CONSTRUCTED

	METADATA				
	GROUND SURVEY STANDARD: 67-08-43				
	DATE OF CAPTURE: 12-06-19				
	MAPPING SURVEY STANDARD:				
	DATE OF CAPTURE:				
	MAIN ROADS PROJECT ZONE: PCG94				
	HEIGHT DATUM: A.H.D				
1	AS CONSTRUCTED - NO CHANGE	31-01-2024			
0	ISSUED FOR CONSTRUCTION	19-01-2023			
No.	DESCRIPTION	APPROVED & DATE			
	AMENDMENTS				

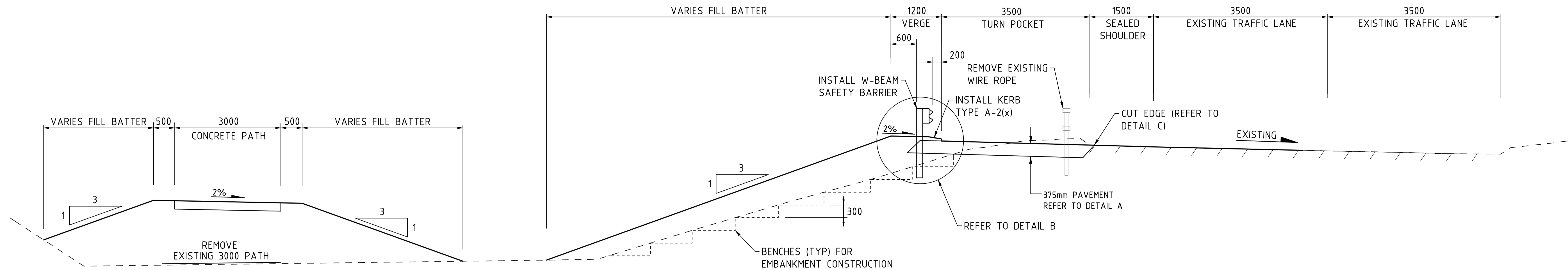
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DATE OF CAPTURE: 12-06-19	
MAPPING SURVEY STANDARD:	
DATE OF CAPTURE:	
MAIN ROADS PROJECT ZONE: PCG94	
HEIGHT DATUM: A.H.D	

 Member of the Surbana Jurong Group © ABN 47 065 475 149 SMC PROJECT No 3006535	DRAWN JW DESIGNED TM VERIFIED D.McK DIRECTOR KP	 METROPOLITAN AND SOUTHERN REGIONS DIRECTORATE METROPOLITAN REGION Waterloo Crescent East Perth 6004 Telephone 13 81 38 Fax (08) 9323 4430
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CLIENT FILE No.	
RECOMMENDED	
APPROVED	

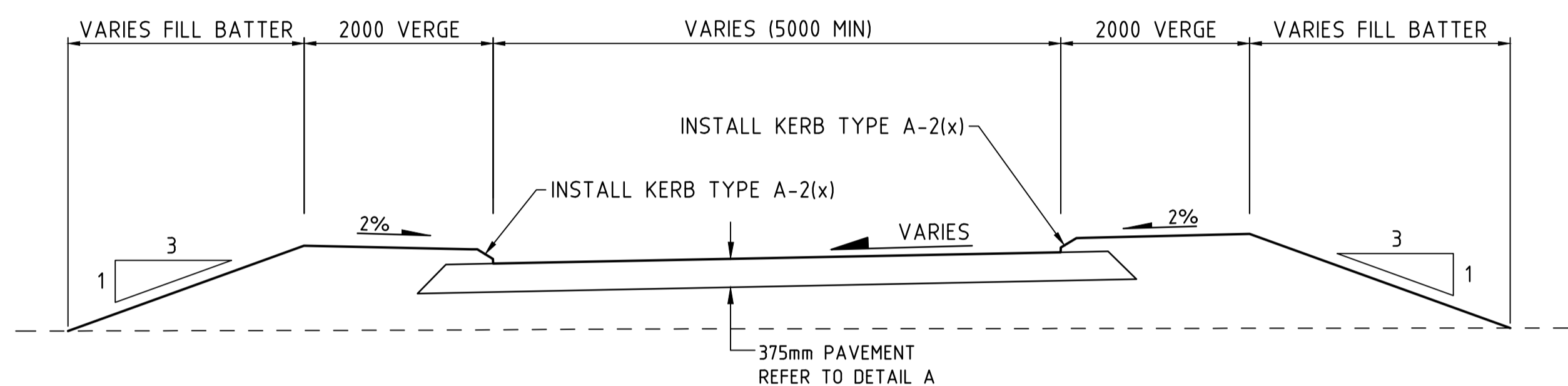
WANNEROO ROAD (H035) NORTHBOUND LEFT IN TURN POCKET SLK 25.58 TO SLK 25.79 LOCALITY PLAN & DRAWING INDEX LOCAL AUTHORITY CITY OF WANNEROO (110) MRWA DRAWING NUMBER 202048 - 3193 - 1
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SCALES N.T.S. A 1



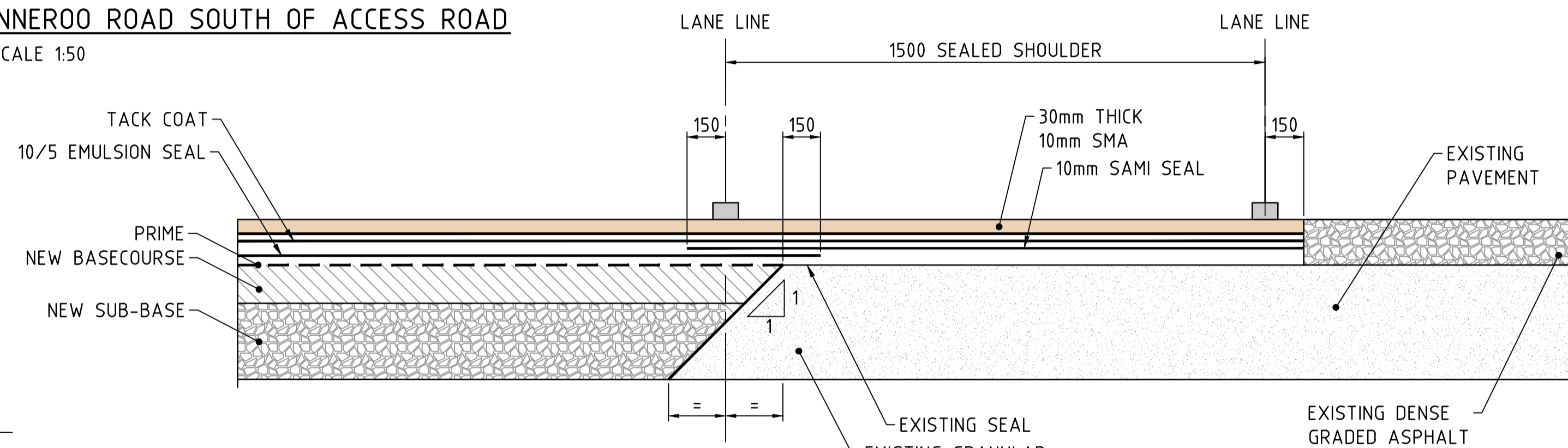
TYPICAL CROSS SECTION - WANNEROO ROAD SOUTH OF ACCESS ROAD

SCALE 1:50



TYPICAL CROSS SECTION - ACCESS ROAD

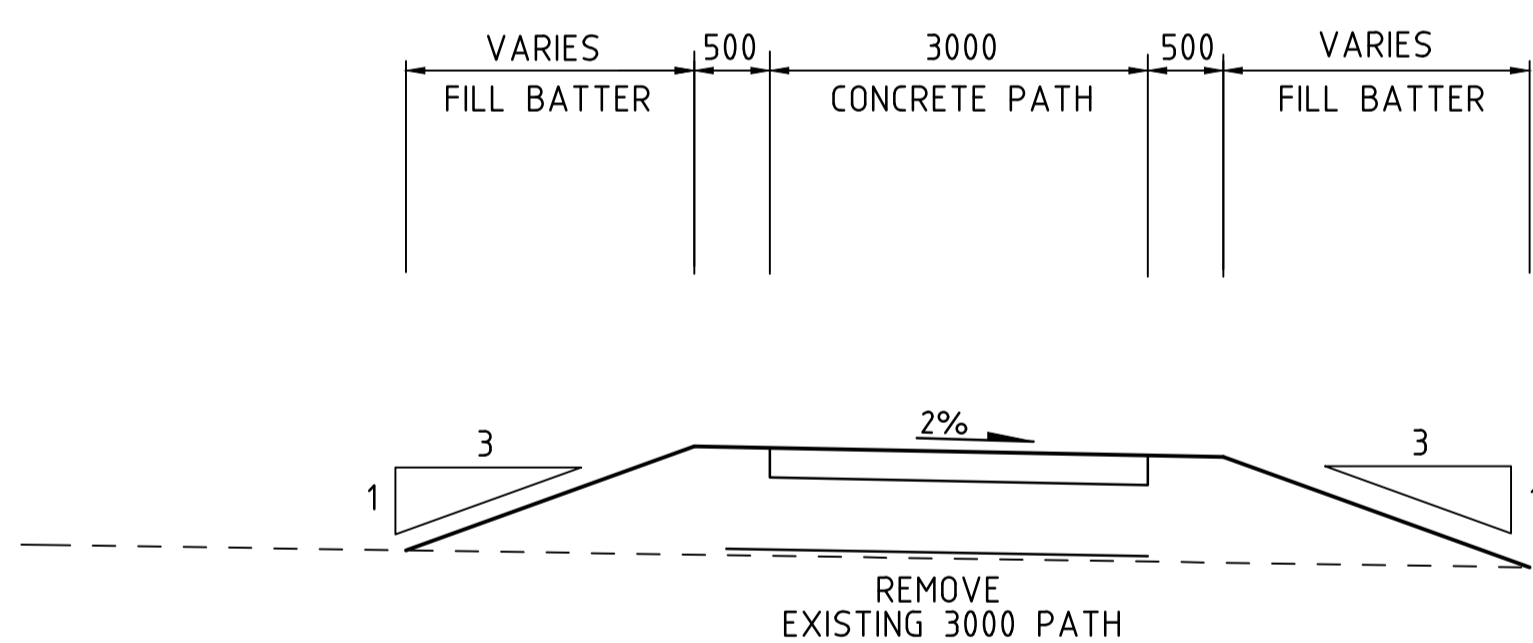
SCALE 1:50



PAVEMENTS - LONGITUDINAL CONSTRUCTION JOINT AT LANE/EDGELINE GRANULAR TO GRANULAR (ASPHALT WEARING COURSE)

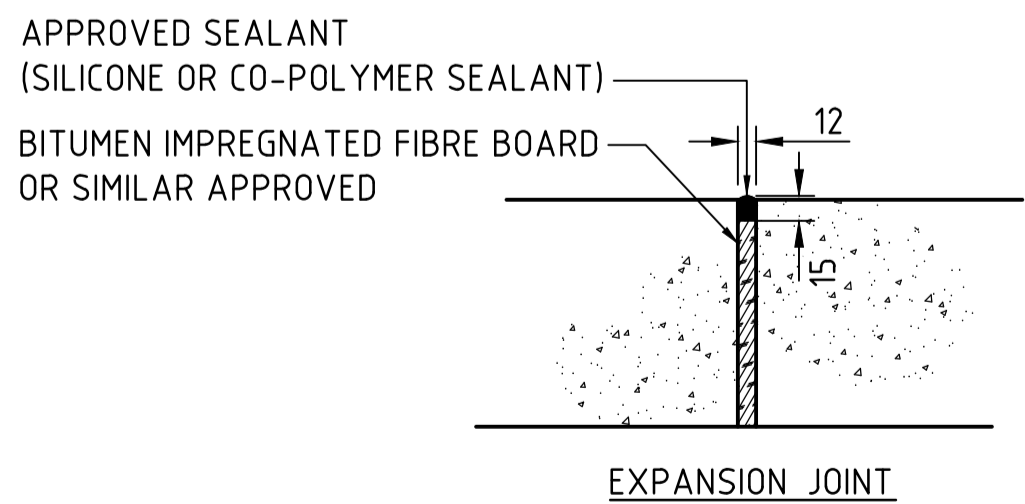
N.T.S

NOTE: WHERE EXISTING ASPHALT IS TO BE MILLED AND REPLACED - CORES MUST BE CUT TO IDENTIFY THICKNESS TO ENSURE MILLING INTO PAVEMENT DOES NOT OCCUR.



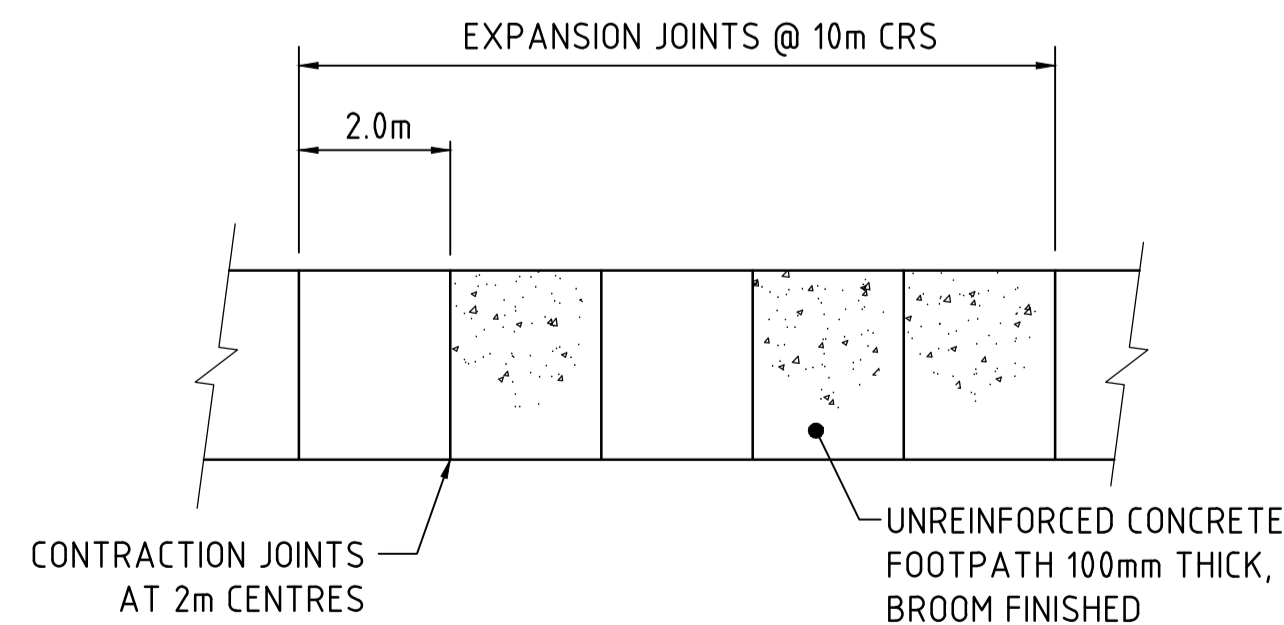
TYPICAL CROSS SECTION - WANNEROO ROAD NORTH OF ACCESS ROAD

SCALE 1:50



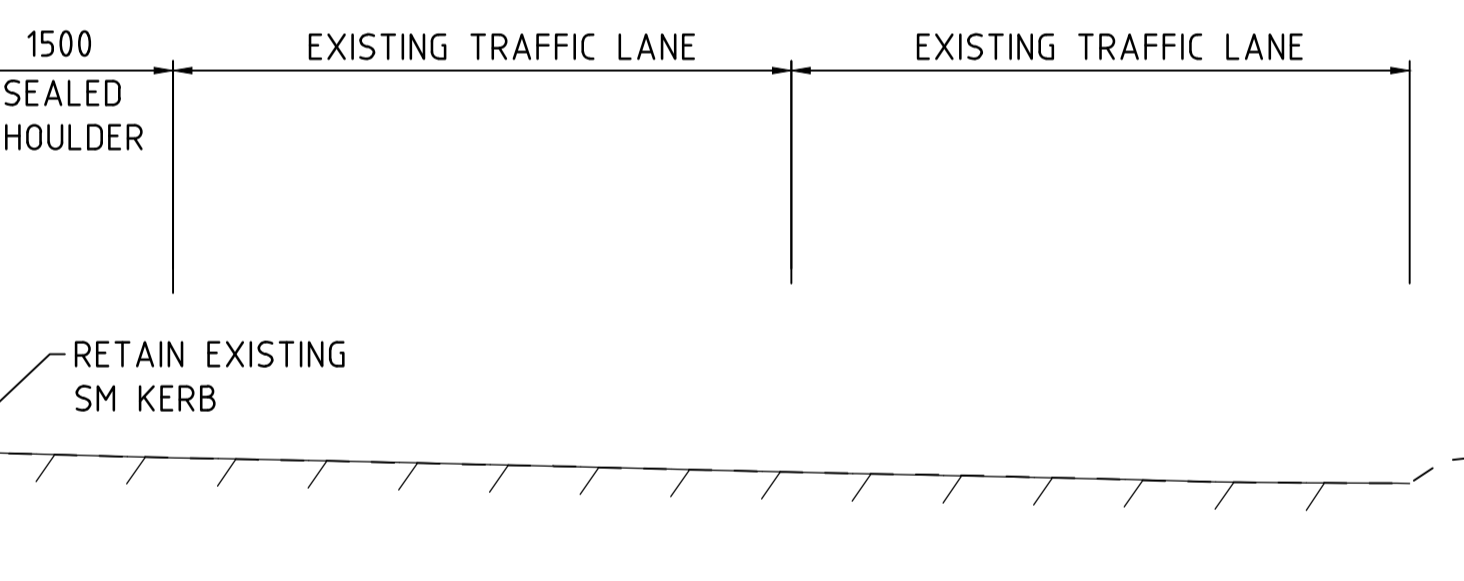
TYPICAL DETAILS - CONCRETE PATH

N.T.S



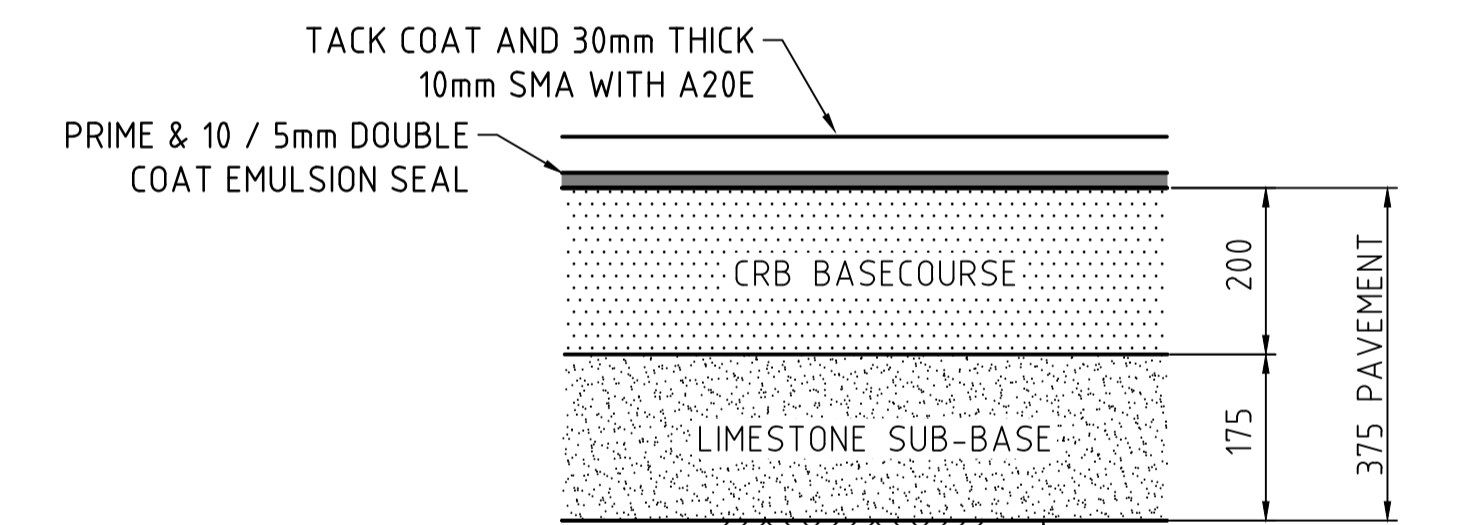
PLAN - CONCRETE PATH

N.T.S



DETAIL A

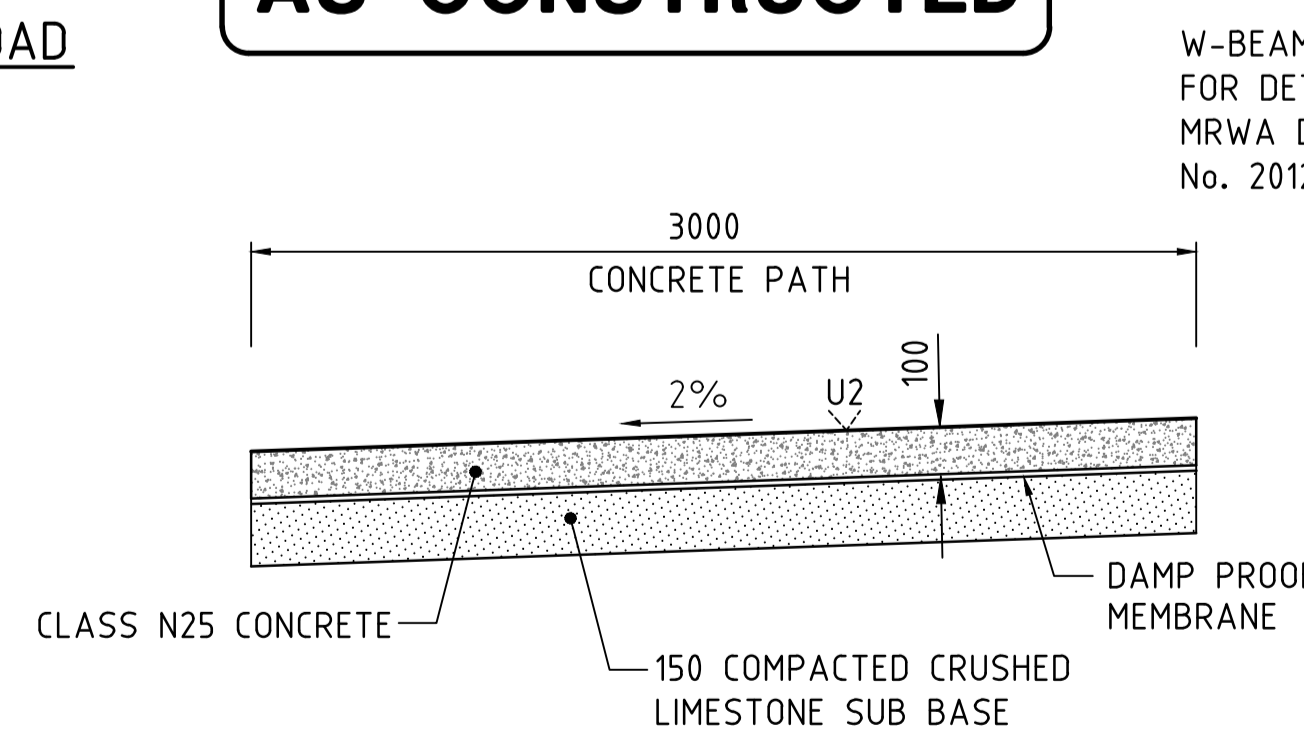
N.T.S



DETAIL B

N.T.S

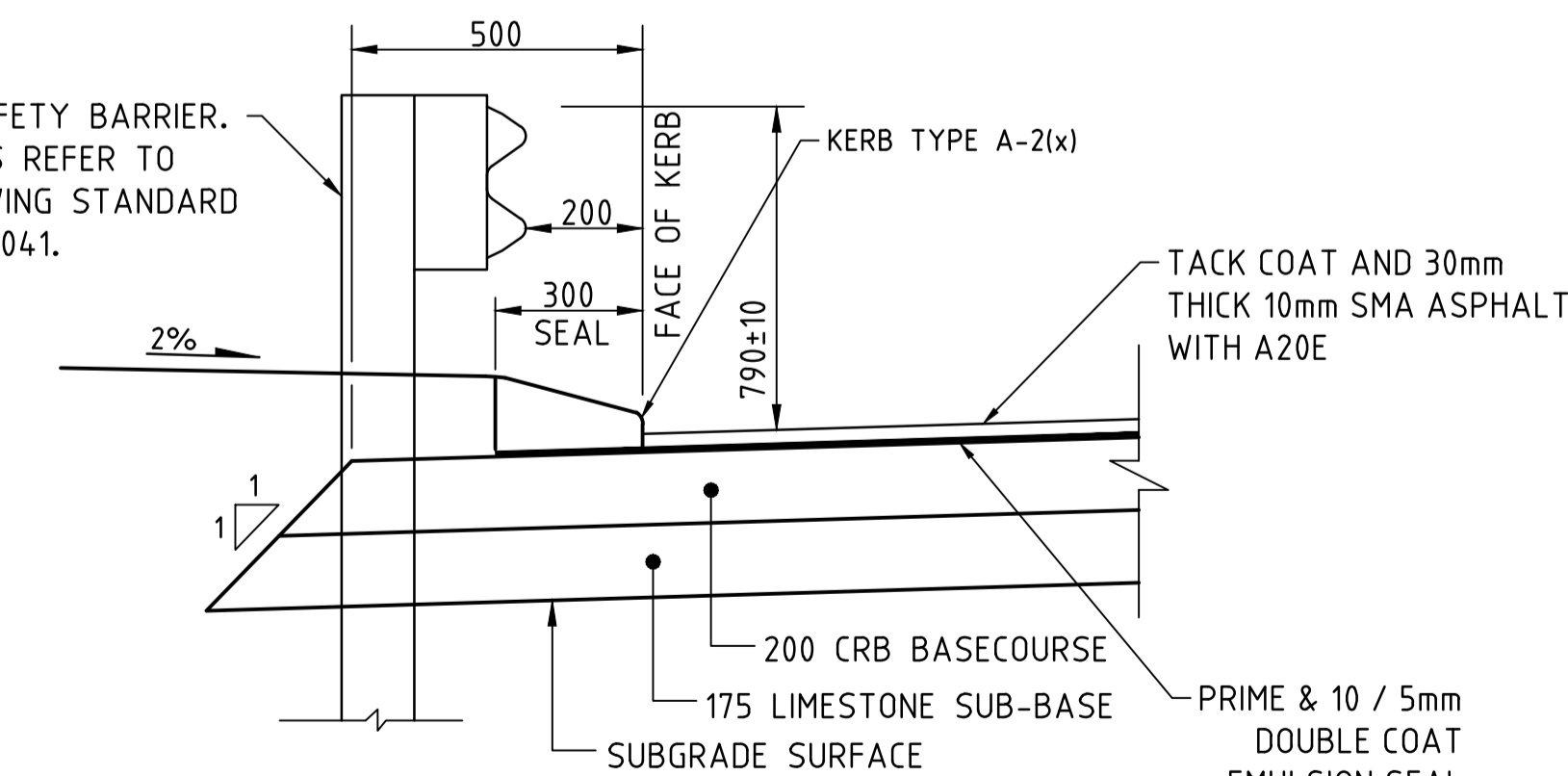
AS CONSTRUCTED



TYPICAL CROSS SECTION - CONCRETE PATH

N.T.S

W-BEAM SAFETY BARRIER. FOR DETAILS REFER TO MRWA DRAWING STANDARD No. 201231-0041.



DETAIL C

N.T.S

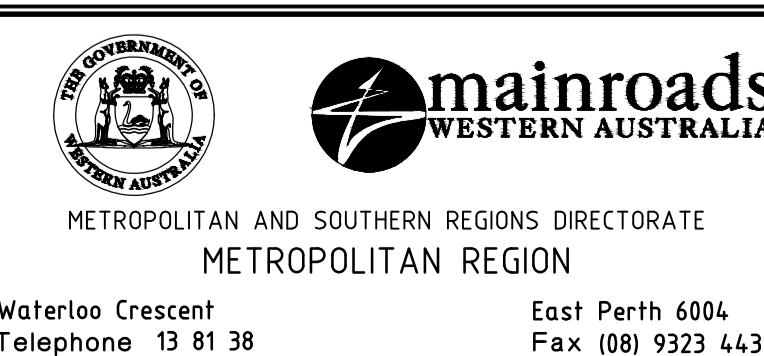
- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
 - CRB = CRUSHED ROCK BASE.

METADATA

GROUND SURVEY STANDARD: 67-08-43
 DATE OF CAPTURE: 12-06-19
 MAPPING SURVEY STANDARD:
 DATE OF CAPTURE:
 MAIN ROADS PROJECT ZONE: PCG94
 HEIGHT DATUM: A.H.D



DRAWN: JW
 DESIGNED: TM
 VERIFIED: D.McK
 DIRECTOR: KP

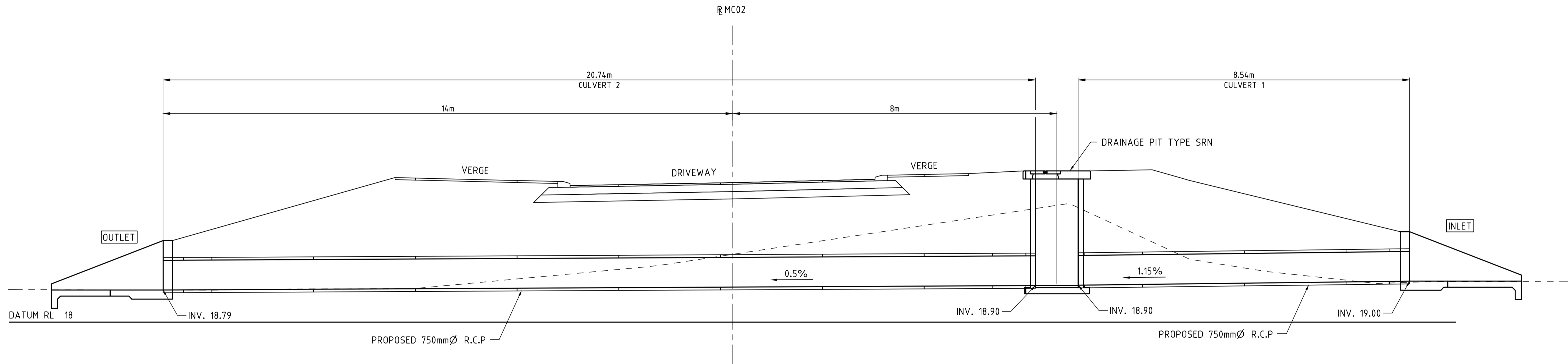


CLIENT FILE No.
 RECOMMENDED
 APPROVED

WANNEROO ROAD (H035)
 NORTHBOUND LEFT IN TURN POCKET
 SLK 25.58 TO SLK 25.79
TYPICAL CROSS SECTIONS
 LOCAL AUTHORITY: CITY OF WANNEROO (110)
 MRWA DRAWING NUMBER
202048 - 3194 - 1

No	DESCRIPTION	APPROVED & DATE
1	AS CONSTRUCTED - NO CHANGE	31-01-2024
0	ISSUED FOR CONSTRUCTION	19-01-2023
AMENDMENTS		

SCALES 1:50 0 0.5m 1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5



CULVERT No. 1 & 2 - CROSS SECTION - CHA 15 MC02
SCALE: 1:50

NOTE:

1. LOCALLY FLATTEN BATTER SLOPES AT HEADWALLS TO AVOID EXPOSED HEADWALL.

AS CONSTRUCTED

CULVERT SCHEDULE

CULVERT No.	CHAINAGE	CULVERT TYPE	CULVERT DETAILS				REFERENCE LINE	REFERENCE POINT COORDINATES				OVERALL BARREL LENGTH (m)	INLET					OUTLET					REMARKS			
			DIA/SIZE (WxH) (mm)	NUMBER	CLASS	SKEW (deg)		INLET STRUCTURE		OUTLET STRUCTURE			SIDE	OFFSET FROM REF. LINE (m)	LENGTH OF EXTENSION (m)	INVERT LEVEL (m)	HEADWALL HEIGHT ABOVE OBVERT (mm)	APRON LENGTH (mm)	SIDE	OFFSET FROM REF. LINE (m)	LENGTH OF EXTENSION (m)	INVERT LEVEL (m)		HEADWALL HEIGHT ABOVE OBVERT (mm)	APRON LENGTH (mm)	ROCK PROTECTION
								EASTING	NORTHING	EASTING	NORTHING															
1	N/A	RCP	750	1	4	N/A	N/A	46972.954	289081.641	46980.690*	289076.778*	8.54	R	N/A	-	19.00	300	2745	L	N/A	-	18.90	N/A	N/A		
2	MC02	RCP	750	1	4	0	MC02	46980.690*	289076.778*	46976.089	289055.939	20.74	R	8.0	-	18.90	N/A	N/A	L	14.0	-	18.79	300	2745		

* CENTER OF MANHOLE

1:50 0 0.5m 1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5
 SCALES
 A 1

No.	DESCRIPTION	APPROVED & DATE
1	AS CONSTRUCTED - NO CHANGE	31-01-2024
0	ISSUED FOR CONSTRUCTION	19-01-2023
AMENDMENTS		

METADATA	
GROUND SURVEY STANDARD:	67-08-43
DATE OF CAPTURE:	12-06-19
MAPPING SURVEY STANDARD:	
DATE OF CAPTURE:	
MAIN ROADS PROJECT ZONE:	PCG94
HEIGHT DATUM:	A.H.D

DRAWN	JW
DESIGNED	TM
VERIFIED	D.McK
DIRECTOR	KP

Member of the Surbana Jurong Group
© ABN 47 065 475 149
SMC PROJECT No 3006535

CLIENT FILE No.	
RECOMMENDED	
APPROVED	

METROPOLITAN AND SOUTHERN REGIONS DIRECTORATE
METROPOLITAN REGION
Waterloo Crescent East Perth 6004
Telephone 13 81 38 Fax (08) 9323 4430

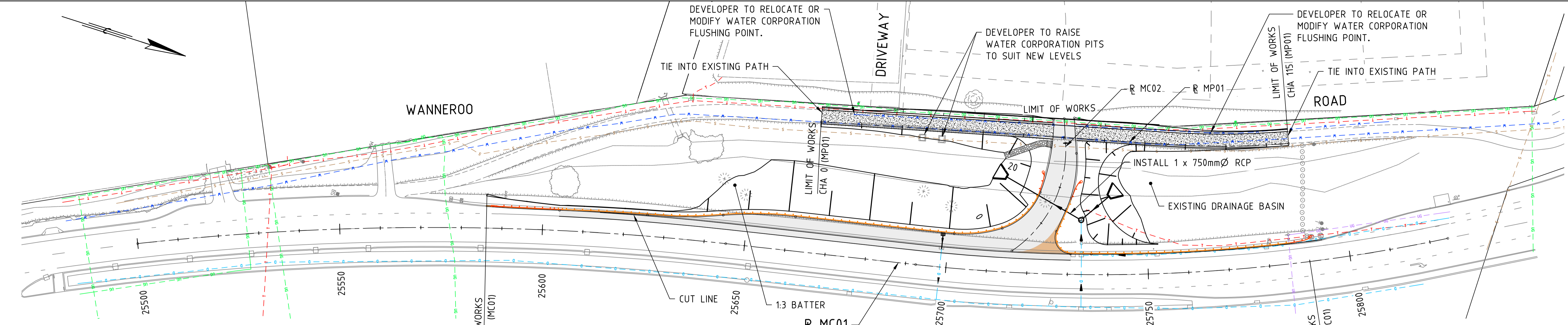
WANNEROO ROAD (H035)

NORTHBOUND LEFT IN TURN POCKET
SLK 25.58 TO SLK 25.79

CULVERT CROSS SECTIONS & SCHEDULE

LOCAL AUTHORITY CITY OF WANNEROO (110)
MRWA DRAWING NUMBER

202048 - 3195 - 1



NOTES:
 1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
 2. DESIGN LEVELS ARE TO FINISHED SURFACE.

SERVICES LEGEND:

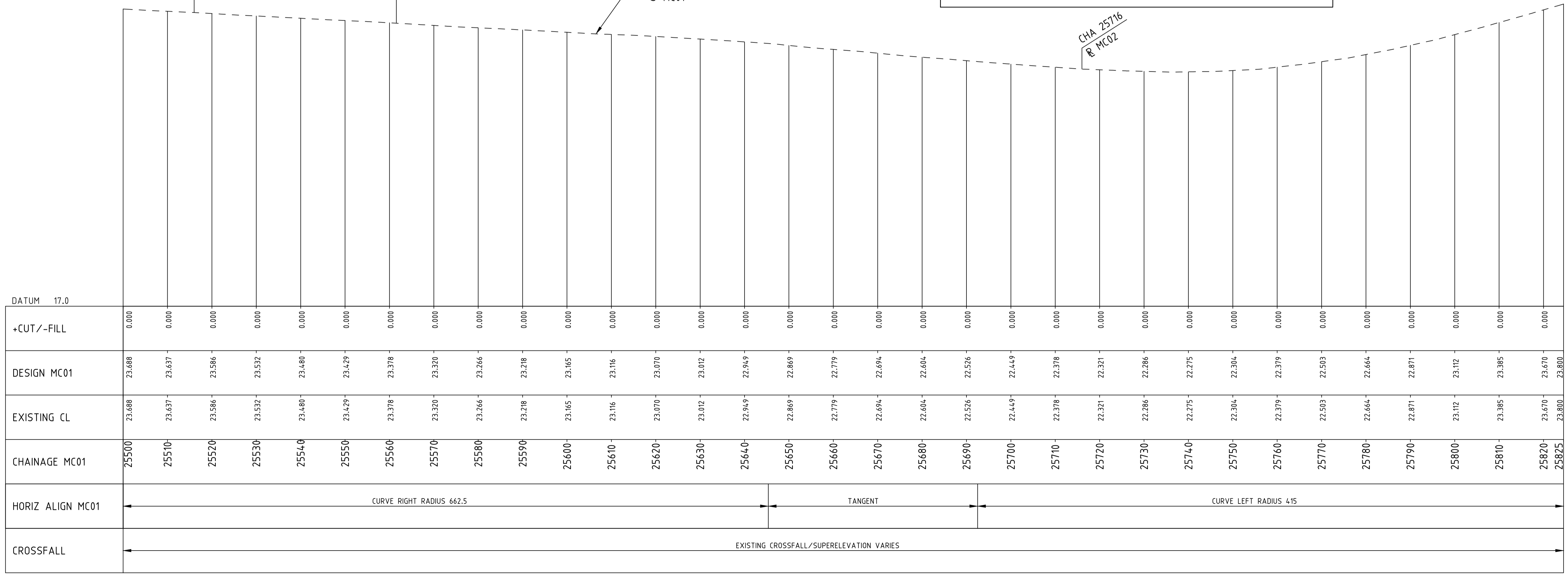
W	WATER MAIN
S	SEWER MAIN
D	STORMWATER DRAINAGE
UG	UNDERGROUND POWER
T	TELSTRA
UG	STREET LIGHTING

LEGEND:

[Symbol]	NEW PAVEMENT	[Symbol]	W-BEAM SAFETY BARRIER
[Symbol]	RED COLOURED PAVEMENT	[Symbol]	ET-SS END TERMINAL OR SIMILAR
[Symbol]	NEW CONCRETE PATH	[Symbol]	W-BEAM SAFETY BARRIER TRAILING TERMINAL
[Symbol]	REGRADE DRIVEWAY	[Symbol]	PROPOSED GRATED GULLY
[Symbol]	PEDESTRIAN RAMP AND TGS	[Symbol]	PROPOSED MANHOLE SRN
[Symbol]	PROPOSED HEADWALL	[Symbol]	PROPOSED DRAINAGE PIPE
		[Symbol]	EXISTING STREET LIGHT

PLAN
SCALE 1:500

AS CONSTRUCTED



PROFILE
SCALE: H 1:500 V 1:50

No	DESCRIPTION	APPROVED & DATE
2	AS CONSTRUCTED	31-01-2024
1	KERB RADIUS AMENDED	29-08-2023
0	ISSUED FOR CONSTRUCTION	19-01-2023

METADATA

GROUND SURVEY STANDARD: 67-08-43
 DATE OF CAPTURE: 12-06-19
 MAPPING SURVEY STANDARD:
 DATE OF CAPTURE:
 MAIN ROADS PROJECT ZONE: PCG94
 HEIGHT DATUM: A.H.D

SMEC
Member of the Surlana Jurong Group
© ABN 47 065 475 149
SMEC PROJECT No 3006535

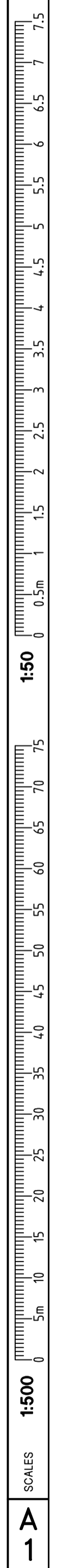
DRAWN: JW
 DESIGNED: TM
 VERIFIED: D.McK
 DIRECTOR: KP

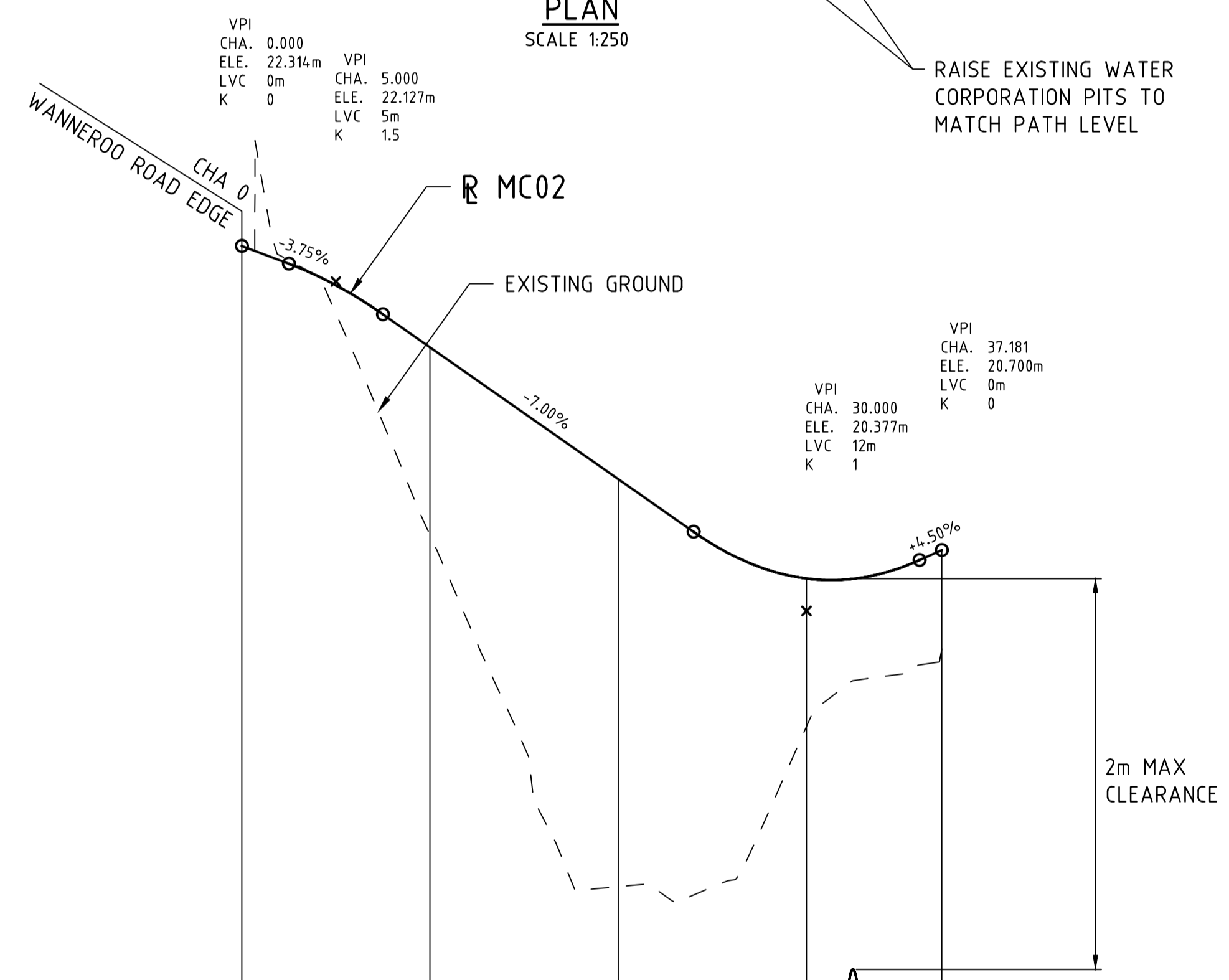
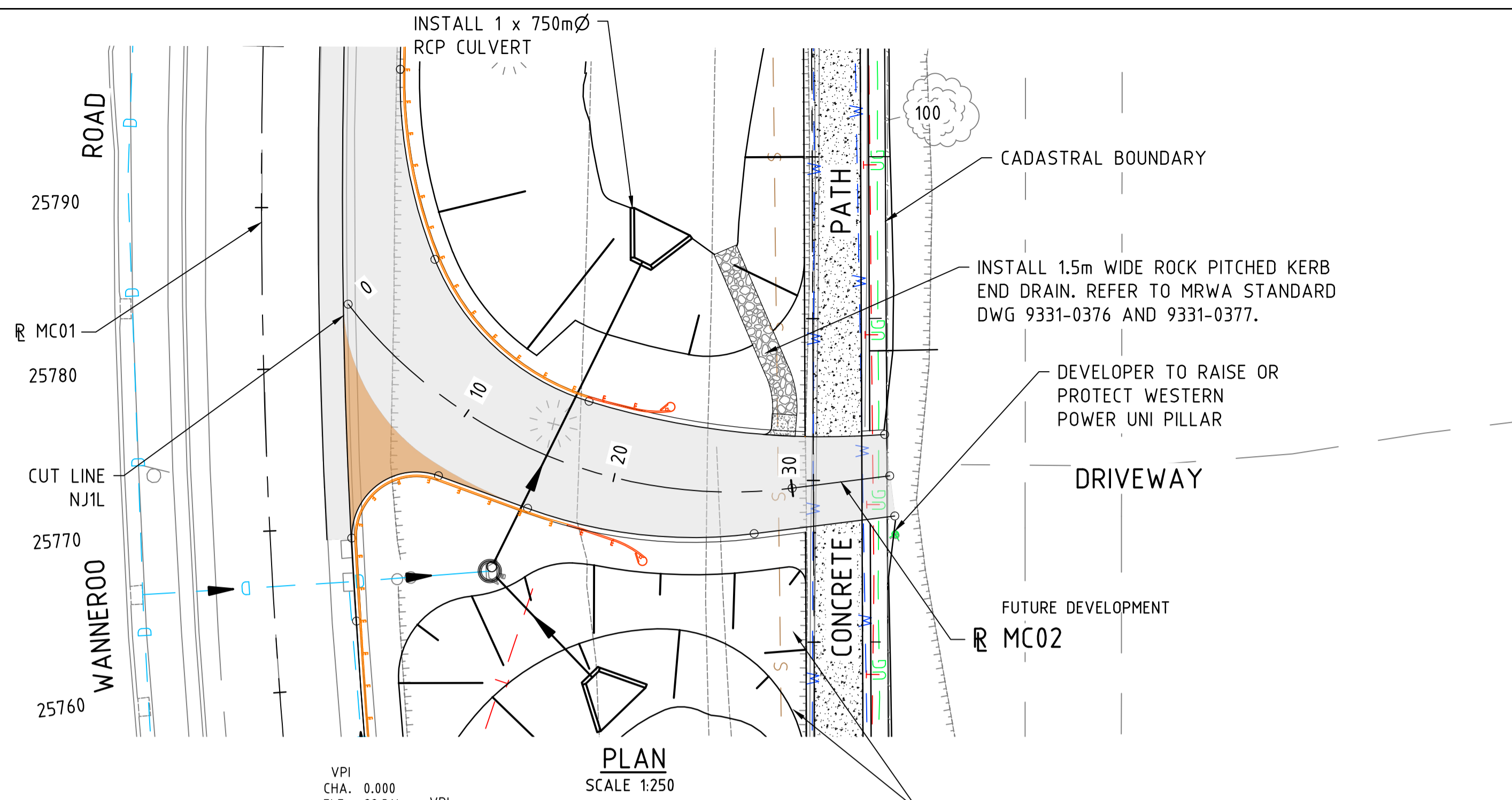
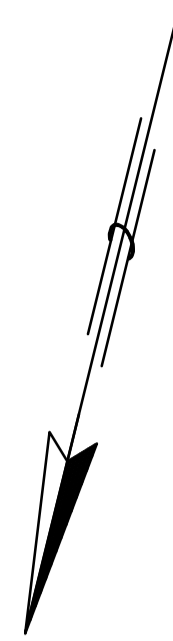
mainroads
WESTERN AUSTRALIA
METROPOLITAN AND SOUTHERN REGIONS DIRECTORATE
METROPOLITAN REGION
Waterloo Crescent East Perth 6004
Telephone 13 81 38 Fax (08) 9323 4430

CLIENT FILE No.
 RECOMMENDED
 APPROVED

WANNEROO ROAD (H035)
NORTHBOUND LEFT IN TURN POCKET
SLK 25.58 TO SLK 25.79
PLAN & PROFILE - MC01

LOCAL AUTHORITY: CITY OF WANNEROO (110)
 MRWA DRAWING NUMBER:
202048 - 3196 - 2





	0	10	20	30
CUT / FILL	0.000	-0.997	-2.164	-0.785
DESIGN SURFACE LEVELS	22.314	21.777	21.077	20.549
EXISTING SURFACE LEVELS	22.314	20.780	18.913	19.764
CHAINAGE	0	10	20	30
HORIZONTAL ALIGNMENT	R = 30.000 L = 31.096 L = 6.085			
VERTICAL ALIGNMENT	G ₁ = -3.75% L = 2.500 K = -1.538 L = 5.000 G ₂ = -7.00% L = 16.500 K = 1.043 L = 12.000 G ₃ = +4.50% L = 1.181			
SUPERELEVATION	VARIES			

- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
 - DESIGN LEVELS ARE TO FINISHED SURFACE.

LEGEND:	
	NEW PAVEMENT
	RED COLOURED PAVEMENT
	NEW CONCRETE PATH
	REGRADE DRIVEWAY
	PEDESTRIAN RAMP AND TgSI
	PROPOSED HEADWALL
	W-BEAM SAFETY BARRIER
	ET-SS END TERMINAL OR SIMILAR
	W-BEAM SAFETY BARRIER TRAILING TERMINAL
	PROPOSED GRATED GULLY
	PROPOSED MANHOLE SRN
	PROPOSED DRAINAGE PIPE
	EXISTING STREET LIGHT

SERVICES LEGEND:	
	WATER MAIN
	SEWER MAIN
	STORMWATER DRAINAGE
	UNDERGROUND POWER
	TELSTRA
	STREET LIGHTING



AS CONSTRUCTED

No.	DESCRIPTION	APPROVED & DATE
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1	KERB RADIUS AMENDED	29-08-2023
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AMENDMENTS		

METADATA	
GROUND SURVEY STANDARD:	67-08-43
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DATE OF CAPTURE:	
MAIN ROADS PROJECT ZONE:	PCG94
HEIGHT DATUM:	A.H.D

SMEC
Member of the Surbana Jurong Group
ABN 47 065 475 149

DRAWN: JW
DESIGNED: TM
VERIFIED: D.McK
DIRECTOR: KP

mainroads
WESTERN AUSTRALIA

METROPOLITAN AND SOUTHERN REGIONS DIRECTORATE
METROPOLITAN REGION

Waterloo Crescent East Perth 6004
Telephone 13 81 38 Fax (08) 9323 4430

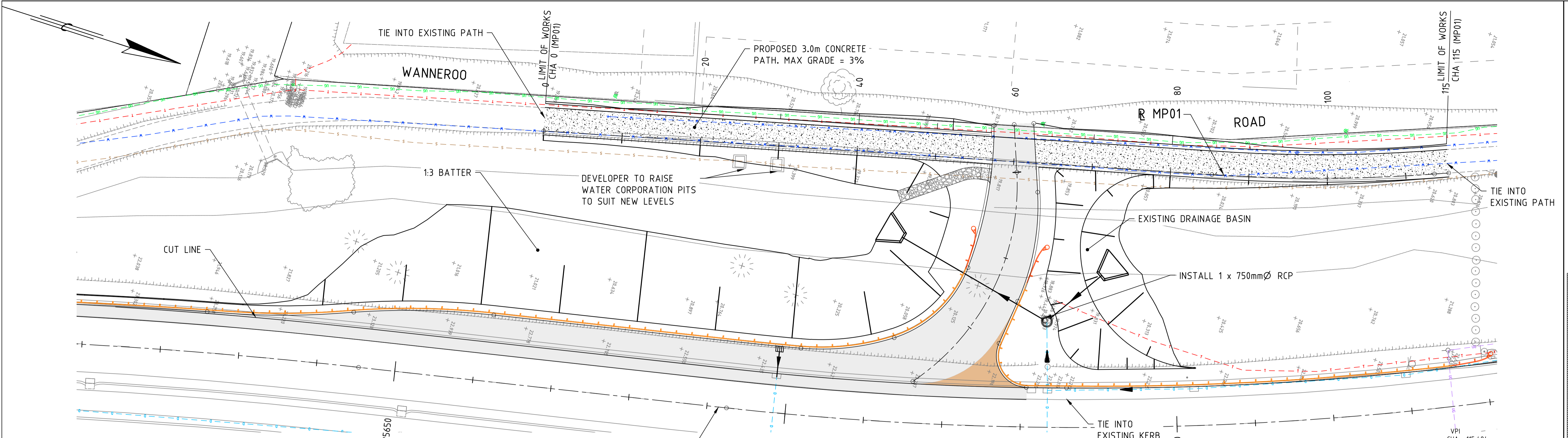
WANNEROO ROAD (H035)
NORTHBOUND LEFT IN TURN POCKET
SLK 25.58 TO SLK 25.79
PLAN & PROFILE - MC02

LOCAL AUTHORITY: CITY OF WANNEROO (110)
MRWA DRAWING NUMBER:
202048 - 3197 - 2

1:250 0 0.25m 0.5 0.75 1.0 1.25 1.5 1.75 2.0 2.25 2.5 2.75 3.0 3.25 3.5 3.75

1:250 0 2.5m 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30 32.5 35 37.5

SCALES
A
1



- LEGEND:**
- NEW PAVEMENT
 - RED COLOURED PAVEMENT
 - NEW CONCRETE PATH
 - REGRADE DRIVEWAY
 - PEDESTRIAN RAMP AND TGSi
 - PROPOSED HEADWALL
 - W-BEAM SAFETY BARRIER
 - ET-SS END TERMINAL OR SIMILAR
 - W-BEAM SAFETY BARRIER TRAILING TERMINAL
 - PROPOSED GRATED GULLY
 - PROPOSED MANHOLE SRN
 - PROPOSED DRAINAGE PIPE
 - EXISTING STREET LIGHT

- SERVICES LEGEND:**
- W WATER MAIN
 - S SEWER MAIN
 - D STORMWATER DRAINAGE
 - UG UNDERGROUND POWER
 - T TELSTRA
 - UG STREET LIGHTING



AS CONSTRUCTED

- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
 - DESIGN LEVELS ARE TO FINISHED SURFACE.

No.	DESCRIPTION	APPROVED & DATE
2	AS CONSTRUCTED - NO CHANGE	31-01-2024
1	KERB RADIUS AMENDED	29-08-2023
0	ISSUED FOR CONSTRUCTION	19-01-2023

METADATA

GROUND SURVEY STANDARD: 67-08-43
 DATE OF CAPTURE: 12-06-19
 MAPPING SURVEY STANDARD:
 DATE OF CAPTURE:
 MAIN ROADS PROJECT ZONE: PCG94
 HEIGHT DATUM: A.H.D

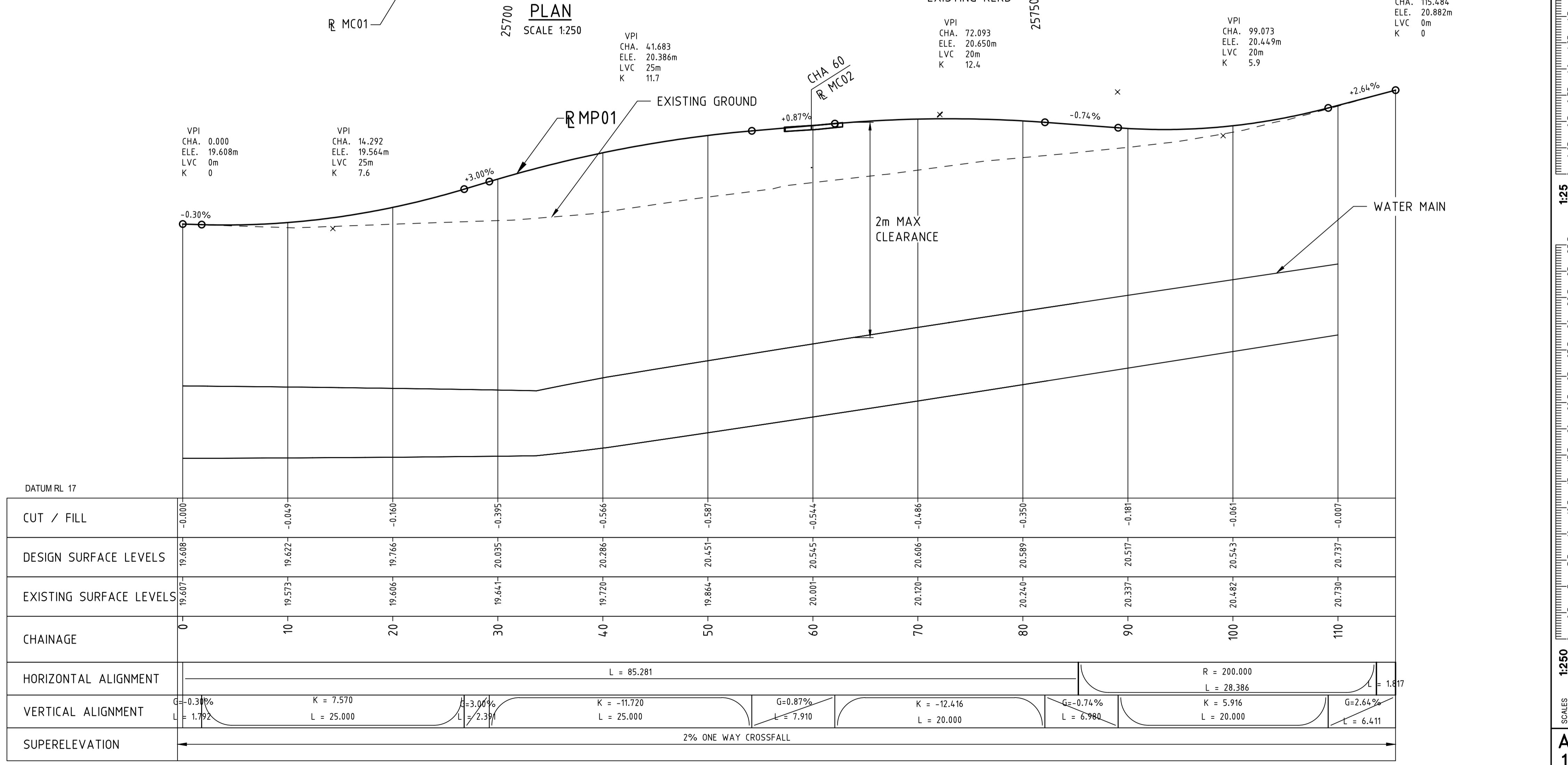
SMEC
 Member of the Surbana Jurong Group
 © ABN 47 065 475 149
 SMEC PROJECT No 3006535

DRAWN: JW
 DESIGNED: TM
 VERIFIED: D.McK
 DIRECTOR: KP

mainroads
 WESTERN AUSTRALIA
 METROPOLITAN AND SOUTHERN REGIONS DIRECTORATE
 METROPOLITAN REGION
 Waterloo Crescent East Perth 6004
 Telephone 13 81 38 Fax (08) 9323 4430

CLIENT FILE No.
 RECOMMENDED
 APPROVED

WANNEROO ROAD (H035)
 NORTHBOUND LEFT IN TURN POCKET
 SLK 25.58 TO SLK 25.79
PLAN & PROFILE - MP01
 LOCAL AUTHORITY: CITY OF WANNEROO (110)
 MRWA DRAWING NUMBER
202048 - 3198 - 2

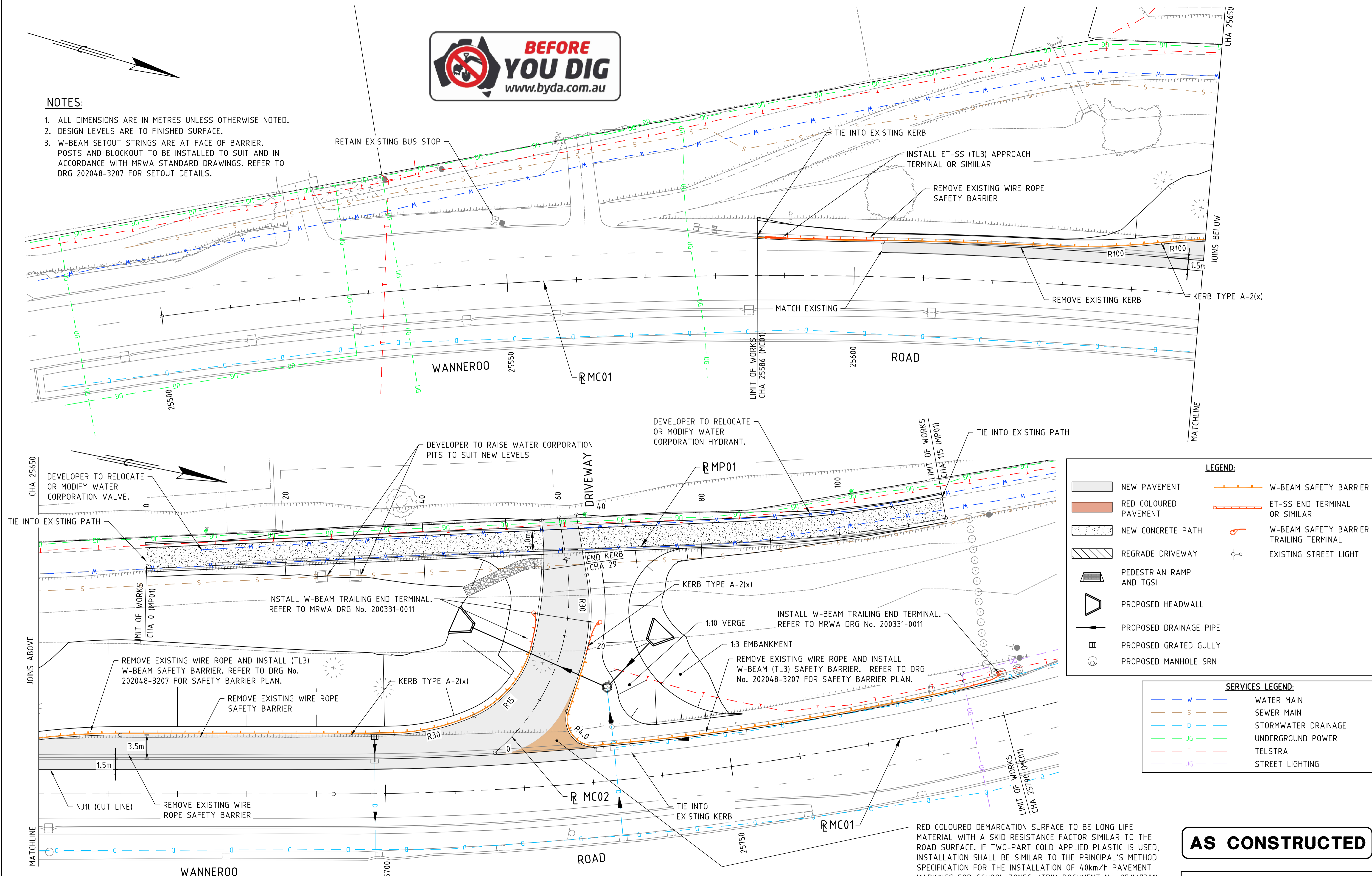


1:250 0 0.5m 1.0 1.5 2.0 2.25 2.5 2.75 3.0 3.25 3.5
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 1:250 0 2.5m 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30 32.5 35 37.5
 SCALES
 A 1



NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2. DESIGN LEVELS ARE TO FINISHED SURFACE.
3. W-BEAM SETOUT STRINGS ARE AT FACE OF BARRIER. POSTS AND BLOCKOUT TO BE INSTALLED TO SUIT AND IN ACCORDANCE WITH MRWA STANDARD DRAWINGS. REFER TO DRG 202048-3207 FOR SETOUT DETAILS.



LEGEND:

- NEW PAVEMENT
- RED COLOURED PAVEMENT
- NEW CONCRETE PATH
- REGRADING DRIVEWAY
- PEDESTRIAN RAMP AND TGI
- PROPOSED HEADWALL
- PROPOSED DRAINAGE PIPE
- PROPOSED GRATED GULLY
- PROPOSED MANHOLE SRN
- W-BEAM SAFETY BARRIER
- ET-SS END TERMINAL OR SIMILAR
- W-BEAM SAFETY BARRIER TRAILING TERMINAL
- EXISTING STREET LIGHT

SERVICES LEGEND:

- W WATER MAIN
- S SEWER MAIN
- D STORMWATER DRAINAGE
- UG UNDERGROUND POWER
- T TELSTRA
- UL STREET LIGHTING

RED COLOURED DEMARCATION SURFACE TO BE LONG LIFE MATERIAL WITH A SKID RESISTANCE FACTOR SIMILAR TO THE ROAD SURFACE. IF TWO-PART COLD APPLIED PLASTIC IS USED, INSTALLATION SHALL BE SIMILAR TO THE PRINCIPAL'S METHOD SPECIFICATION FOR THE INSTALLATION OF 40km/h PAVEMENT MARKINGS FOR SCHOOL ZONES. (TRIM DOCUMENT No. 07#67301)

AS CONSTRUCTED

WANNEROO ROAD (H035)
 NORTHBOUND LEFT IN TURN POCKET
 SLK 25.58 TO SLK 25.79
LAYOUT PLAN

LOCAL AUTHORITY CITY OF WANNEROO (110)
 MRWA DRAWING NUMBER
202048 - 3199 - 2

No.	DESCRIPTION	APPROVED & DATE
2	AS CONSTRUCTED - NO CHANGE	31-01-2024
1	KERB RADIUS AMENDED	29-08-2023
0	ISSUED FOR CONSTRUCTION	19-01-2023
AMENDMENTS		

METADATA

GROUND SURVEY STANDARD: 67-08-43
 DATE OF CAPTURE: 12-06-19
 MAPPING SURVEY STANDARD:
 DATE OF CAPTURE:
 MAIN ROADS PROJECT ZONE: PCG94
 HEIGHT DATUM: A.H.D.

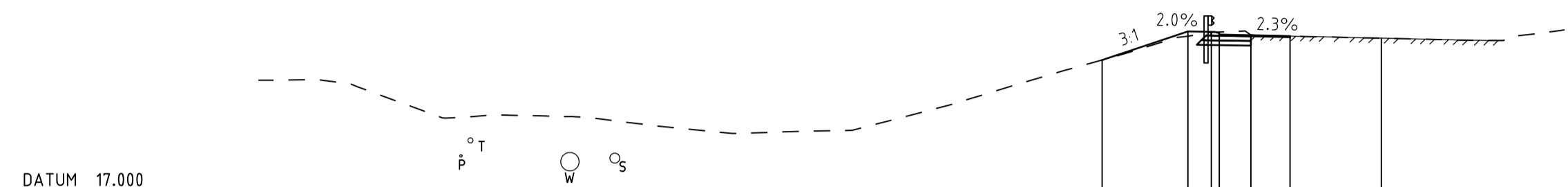
SMEC
 Member of the Surbana Jurong Group
 ABN 47 065 475 149
 SMECT PROJECT No 3006535

DRAWN: JW
 DESIGNED: TM
 VERIFIED: D.McK
 DIRECTOR: KP

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 METROPOLITAN AND SOUTHERN REGIONS DIRECTORATE
 METROPOLITAN REGION
 Waterloo Crescent East Perth 6004
 Telephone 13 81 38 Fax (08) 9323 4430

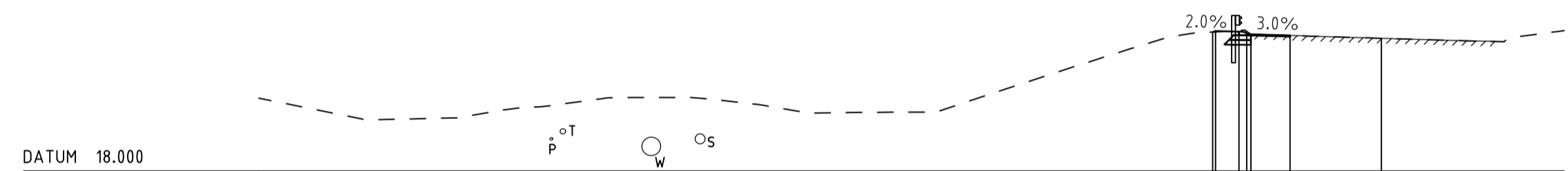
CLIENT FILE No.
 RECOMMENDED
 APPROVED

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 SCALES
 A 1



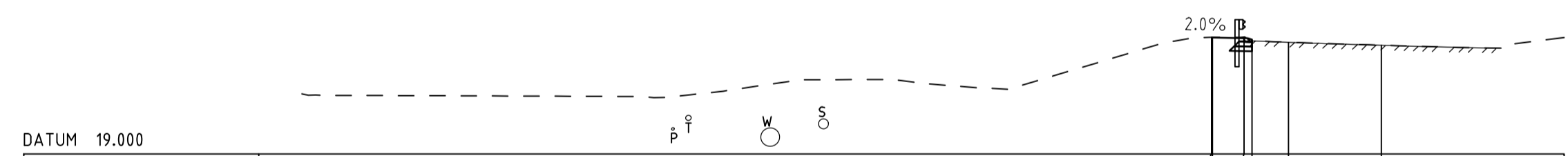
DESIGN FEATURES	IA/L	EVZL	CB01	NJ/L	LE/L	MC01
DESIGN LEVELS	22.116	23.211	23.193	23.085	23.030	22.949
EXISTING LEVELS	22.116	23.028	23.175	23.186	23.072	23.030
OFFSET	-10.698	-7.411	-6.511	-6.211	-5.000	-3.490

CHAINAGE 25640



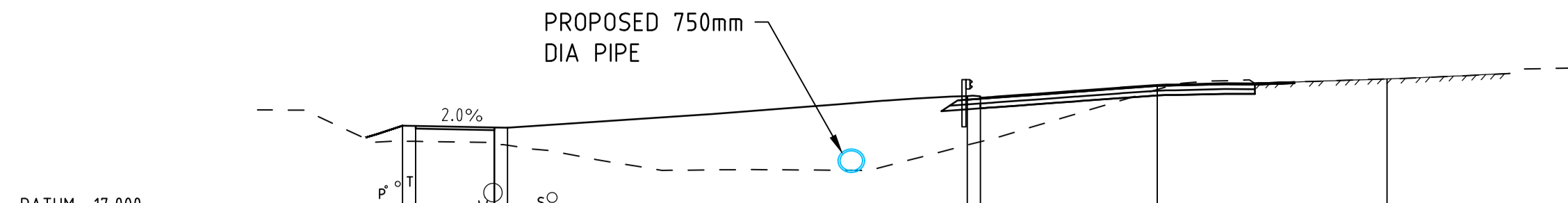
DESIGN FEATURES	IA/L	EVZL	CB01	NJ/L	LE/L	MC01
DESIGN LEVELS	23.309	23.345	23.327	23.222	23.176	23.070
EXISTING LEVELS	23.309	23.314	23.362	23.334	23.231	23.176
OFFSET	-6.463	-6.357	-5.457	-5.000	-3.543	-3.500

CHAINAGE 25620



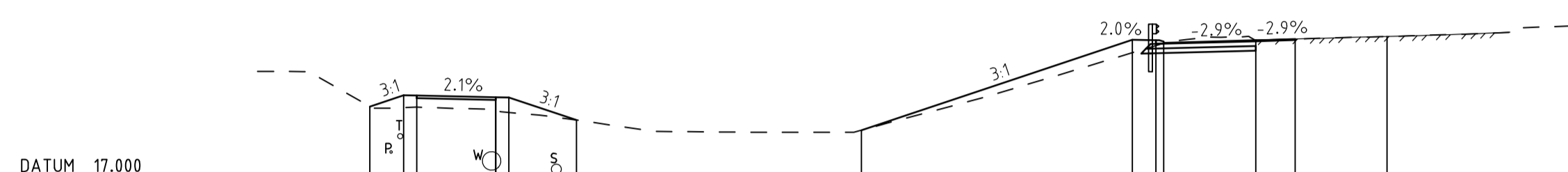
DESIGN FEATURES	IA/L	EVZL	CB01	CX/E1	MC01
DESIGN LEVELS	23.470	23.459	23.334	23.276	23.164
EXISTING LEVELS	23.470	23.481	23.334	23.276	23.165
OFFSET	-6.502	-6.468	-5.258	-4.758	-3.556

CHAINAGE 25600



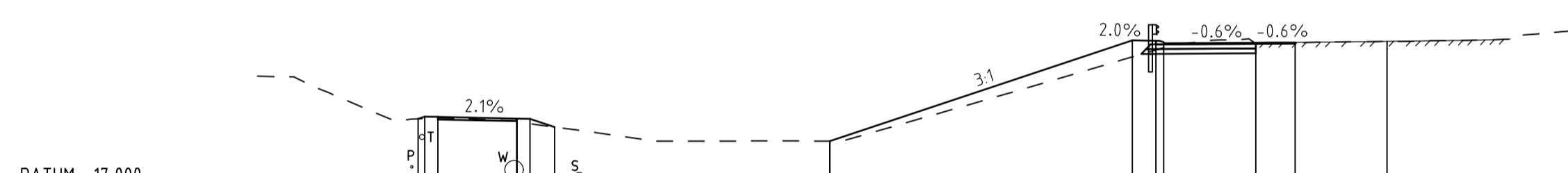
DESIGN FEATURES	EVZL	EXPL	CB01	MC02	MC01
DESIGN LEVELS	20.546	20.536	21.681	22.095	22.321
EXISTING LEVELS	19.956	19.948	19.808	19.935	21.916
OFFSET	-37.478	-36.978	-33.978	-33.477	-15.976

CHAINAGE 25720



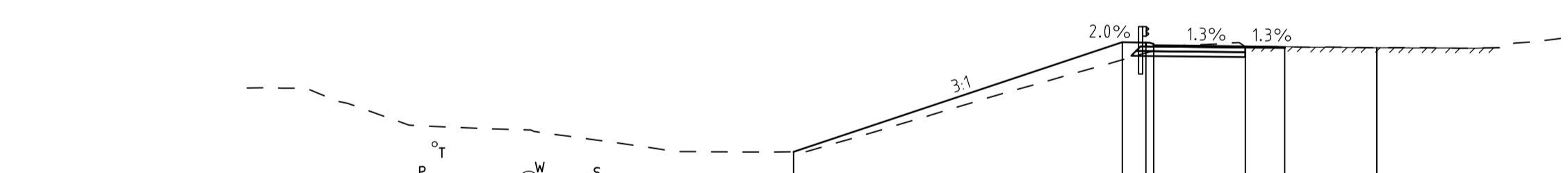
DESIGN FEATURES	IA/L	EVZL	CB01	NJ/L	LE/L	MC01
DESIGN LEVELS	19.788	20.205	20.143	20.133	19.274	18.891
EXISTING LEVELS	19.788	19.747	19.664	19.664	19.562	19.274
OFFSET	-38.719	-37.433	-36.932	-33.931	-33.431	-30.860

CHAINAGE 25700



DESIGN FEATURES	IA/L	EVZL	CB01	NJ/L	LE/L	MC01
DESIGN LEVELS	19.659	19.743	19.733	19.671	19.661	19.348
EXISTING LEVELS	19.661	19.672	19.695	19.585	19.470	19.348
OFFSET	-36.884	-36.631	-36.130	-33.127	-33.127	-31.688

CHAINAGE 25680



DESIGN FEATURES	IA/L	EVZL	CB01	NJ/L	LE/L	MC01
DESIGN LEVELS	18.816	22.987	22.969	22.825	22.806	22.779
EXISTING LEVELS	18.816	22.320	22.580	22.567	22.869	22.869
OFFSET	-22.199	-9.685	-8.785	-8.485	-5.000	-3.500

CHAINAGE 25660

- SERVICES LEGEND**
- 100Ø WATER MAIN
 - 375Ø SEWER MAIN
 - 50Ø TELSTRA CONDUIT
 - POWER

AS CONSTRUCTED

No.	DESCRIPTION	APPROVED & DATE
1	AS CONSTRUCTED - NO CHANGE	31-01-2023
0	ISSUED FOR CONSTRUCTION	19-01-2023

METADATA

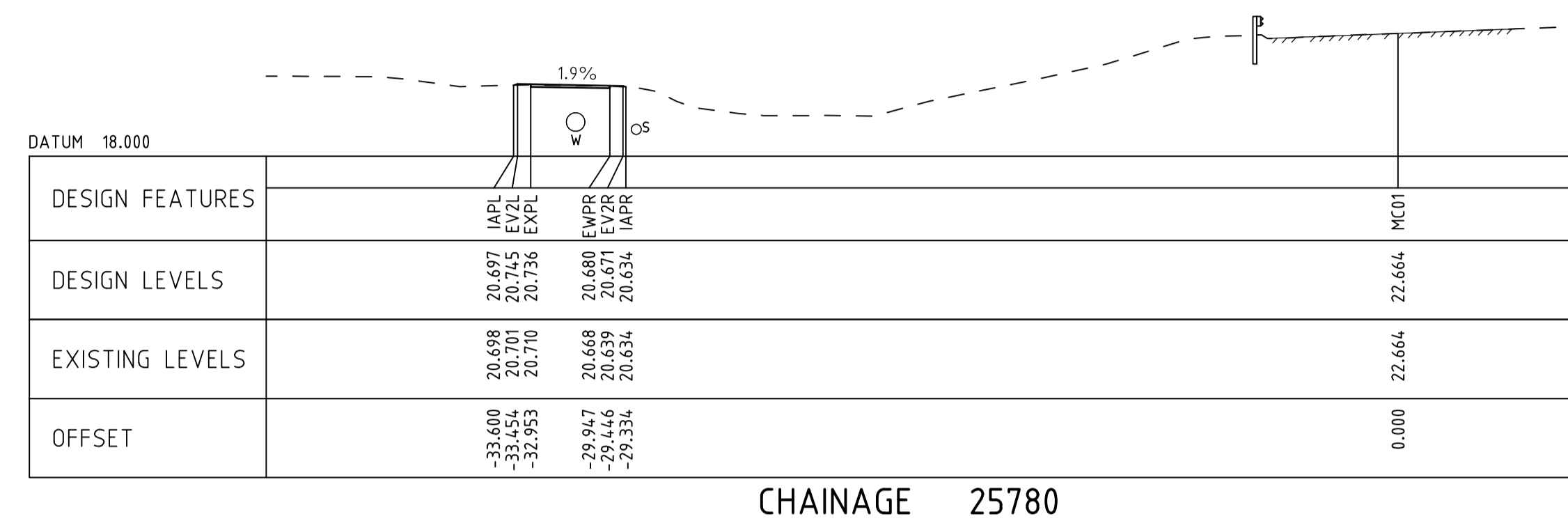
GROUND SURVEY STANDARD: 67-08-43
 DATE OF CAPTURE: 12-06-19
 MAPPING SURVEY STANDARD:
 DATE OF CAPTURE:
 MAIN ROADS PROJECT ZONE: PCG94
 HEIGHT DATUM: A.H.D

DRAWN	JW
DESIGNED	TM
VERIFIED	D.McK
DIRECTOR	KP

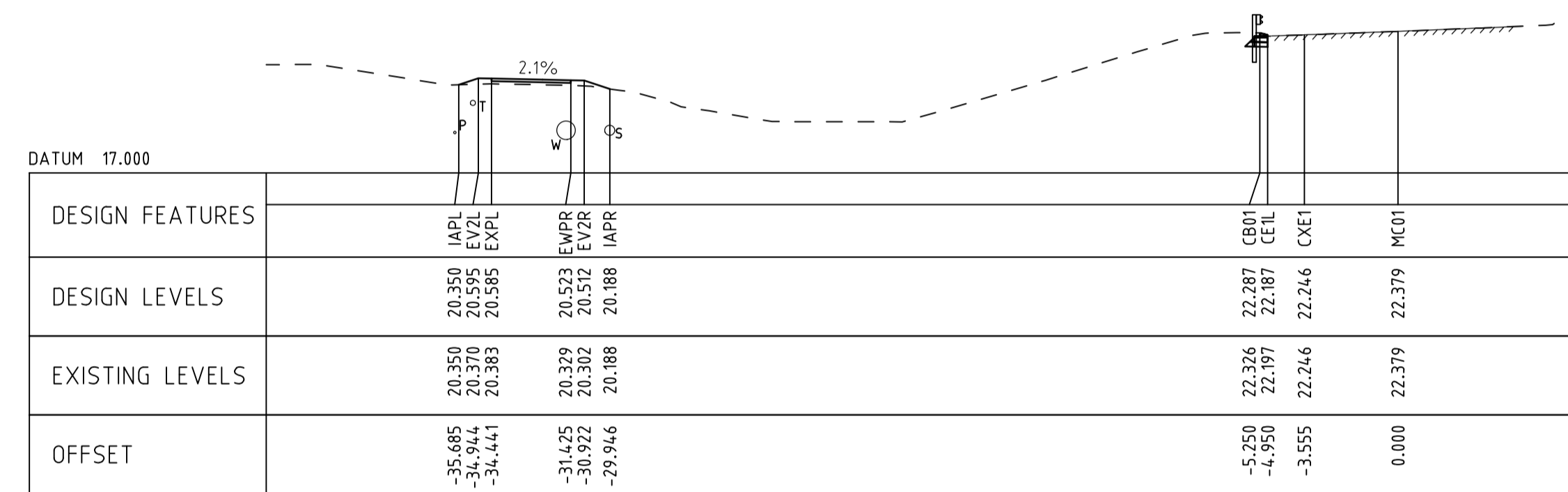
CLIENT FILE No.	
RECOMMENDED	
APPROVED	

WANNEROO ROAD (H035)
 NORTHBOUND LEFT IN TURN POCKET
 SLK 25.58 TO SLK 25.79
CROSS SECTIONS - MC01
 CHA 25600 TO CHA 25720
 LOCAL AUTHORITY CITY OF WANNEROO (110)
 MRWA DRAWING NUMBER
202048 - 3200 - 1

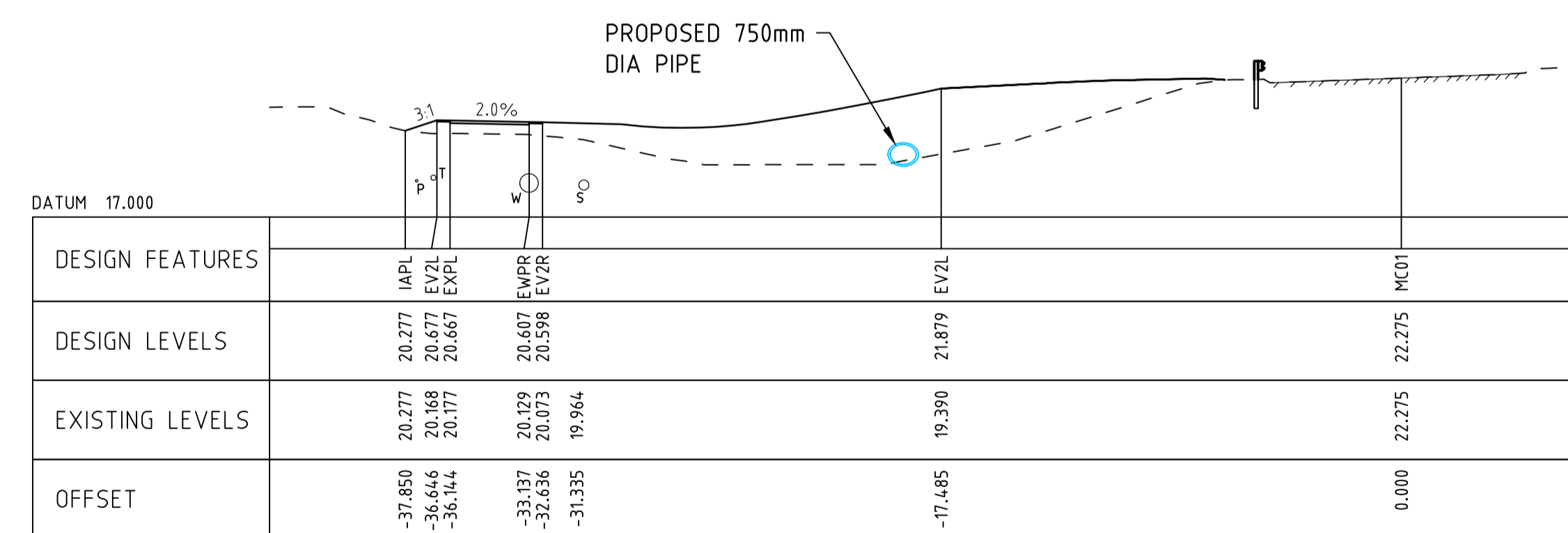
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 0 2m
 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30
 A
 1



CHAINAGE 25780



CHAINAGE 25760



CHAINAGE 25740

SERVICES LEGEND

- 100Ø WATER MAIN
- 375Ø SEWER MAIN
- 50Ø TELSTRA CONDUIT
- POWER

AS CONSTRUCTED

WANNEROO ROAD (H035)

NORTHBOUND LEFT IN TURN POCKET
 SLK 25.58 TO SLK 25.79
CROSS SECTIONS - MC01
 CHA 25740 TO CHA 25780
 LOCAL AUTHORITY CITY OF WANNEROO (110)
 MRWA DRAWING NUMBER

202048 - 3201 - 1

1	AS CONSTRUCTED - NO CHANGE	31-01-2024
0	ISSUED FOR CONSTRUCTION	19-01-2023
No.	DESCRIPTION	APPROVED & DATE
	AMENDMENTS	

METADATA	
GROUND SURVEY STANDARD:	67-08-43
DATE OF CAPTURE:	12-06-19
MAPPING SURVEY STANDARD:	
DATE OF CAPTURE:	
MAIN ROADS PROJECT ZONE:	PCG94
HEIGHT DATUM:	A.H.D

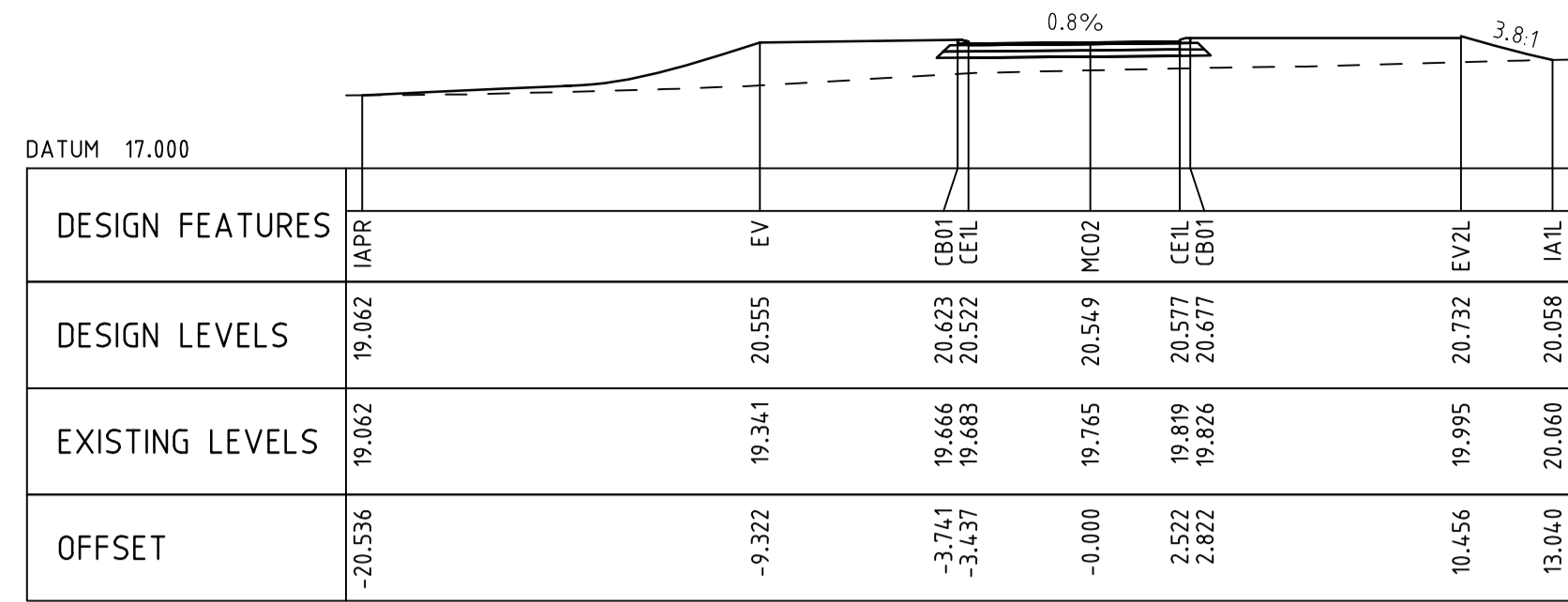
DRAWN	JW
DESIGNED	TM
VERIFIED	D.McK
DIRECTOR	KP

Member of the Surbana Jurong Group
 © ABN 47 065 475 149
 SMC PROJECT No 3006535

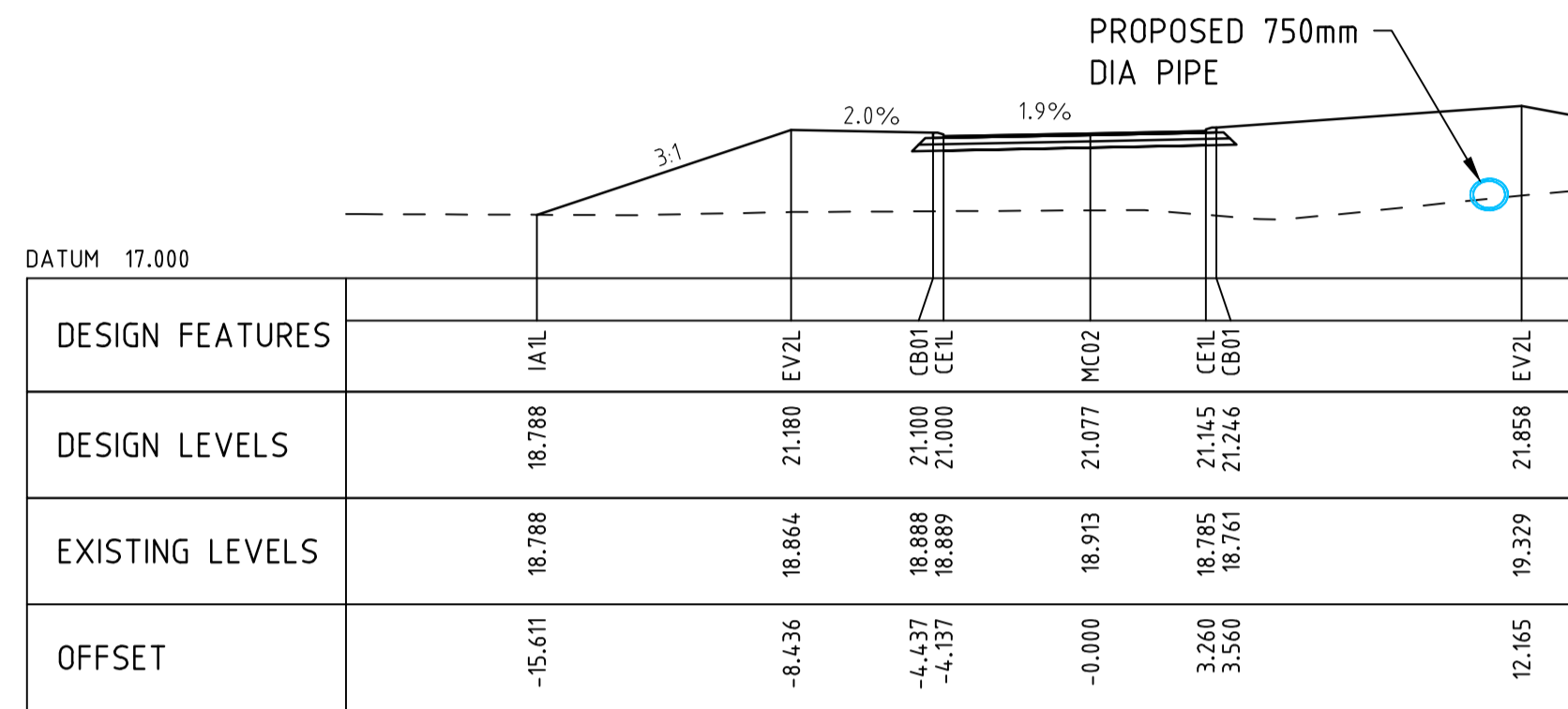
CLIENT FILE No.	
RECOMMENDED	
APPROVED	

METROPOLITAN AND SOUTHERN REGIONS DIRECTORATE
 METROPOLITAN REGION
 Waterloo Crescent East Perth 6004
 Telephone 13 81 38 Fax (08) 9323 4430

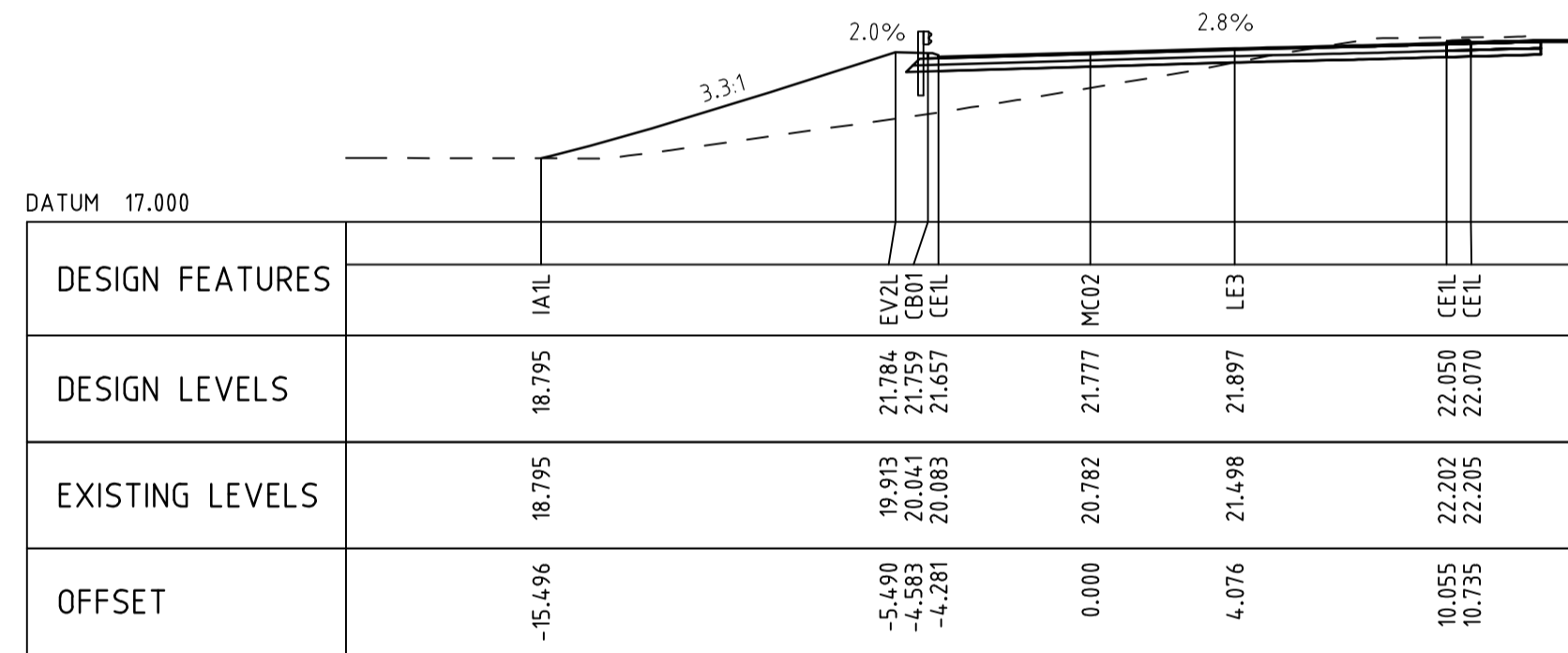
1:200
 SCALES
 A
 1



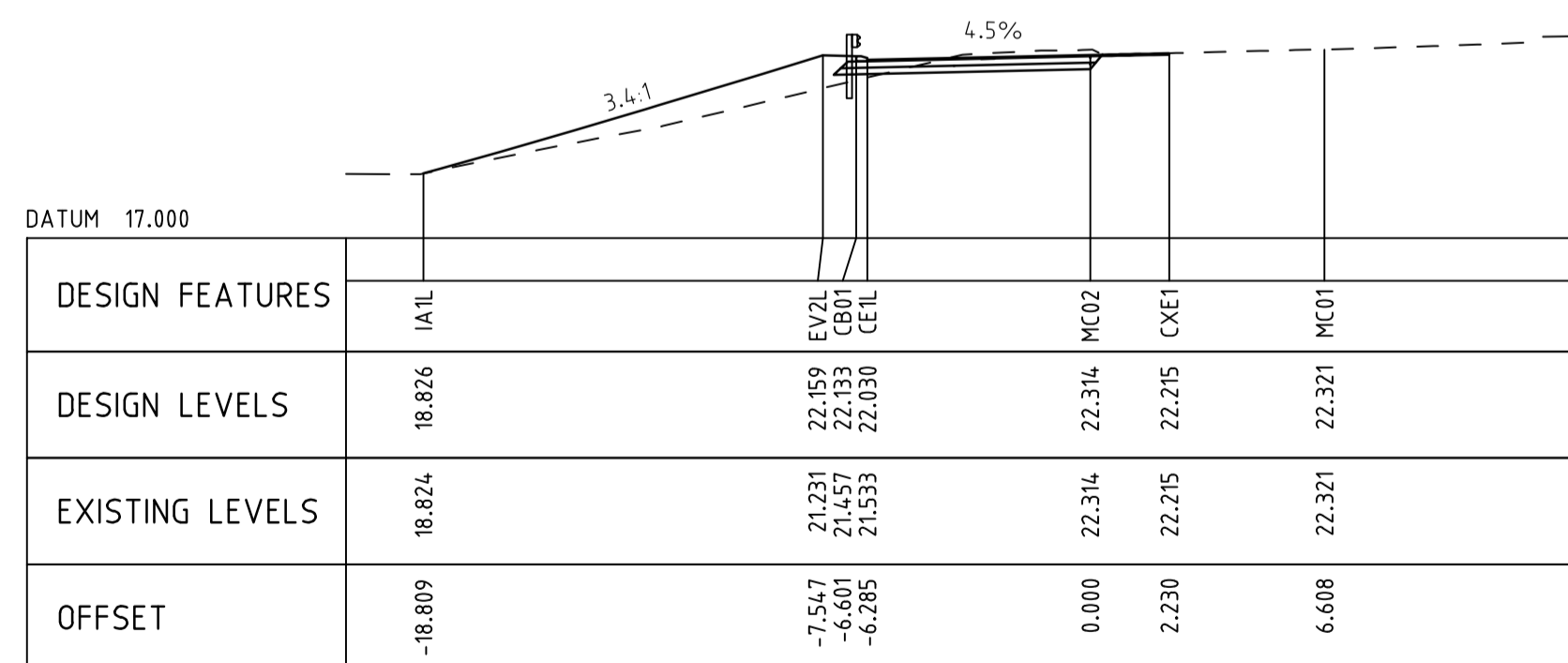
CHAINAGE 30



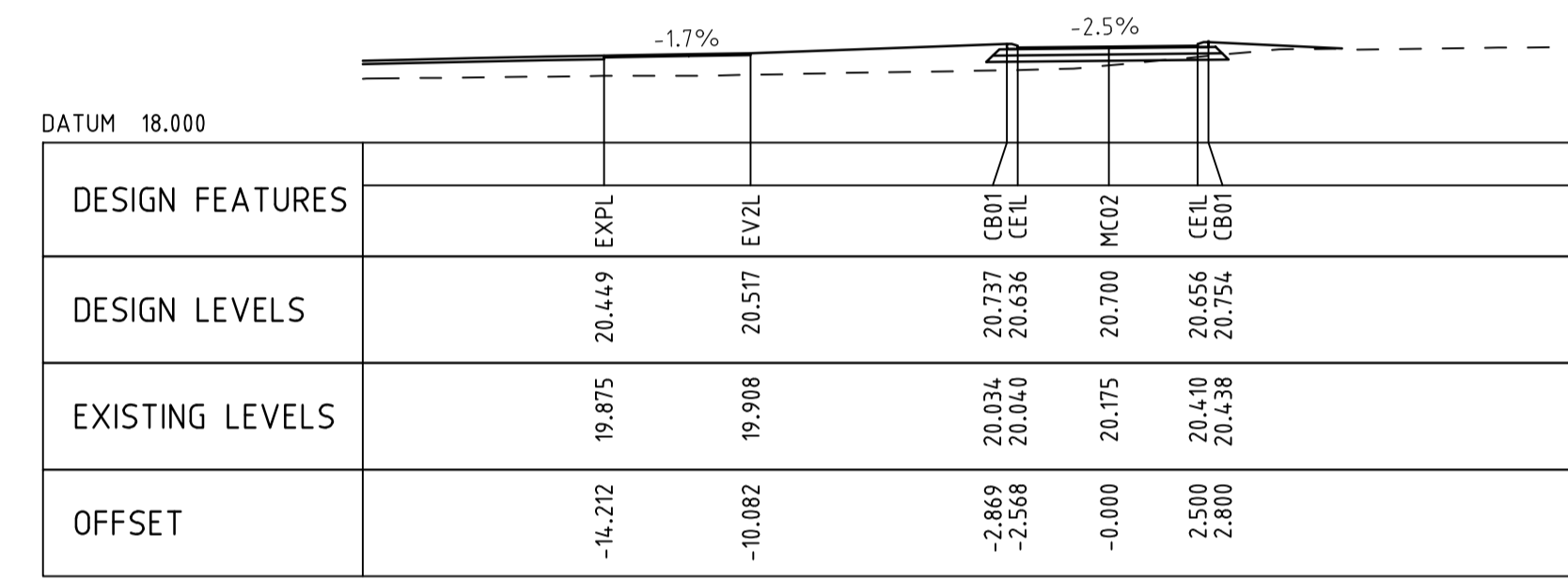
CHAINAGE 20



CHAINAGE 10



CHAINAGE 0



CHAINAGE 37

AS CONSTRUCTED

WANNEROO ROAD (H035)
 NORTHBOUND LEFT IN TURN POCKET
 SLK 25.58 TO SLK 25.79
CROSS SECTIONS - MC02
 CHA 0 TO CHA 37
 LOCAL AUTHORITY CITY OF WANNEROO (110)
 MRWA DRAWING NUMBER
202048 - 3202 - 1

1 AS CONSTRUCTED - NO CHANGE		31-01-2024
0 ISSUED FOR CONSTRUCTION		19-01-2023
No	DESCRIPTION	APPROVED & DATE
	AMENDMENTS	

METADATA	
GROUND SURVEY STANDARD:	67-08-43
DATE OF CAPTURE:	12-06-19
MAPPING SURVEY STANDARD:	
DATE OF CAPTURE:	
MAIN ROADS PROJECT ZONE:	PCG94
HEIGHT DATUM:	A.H.D

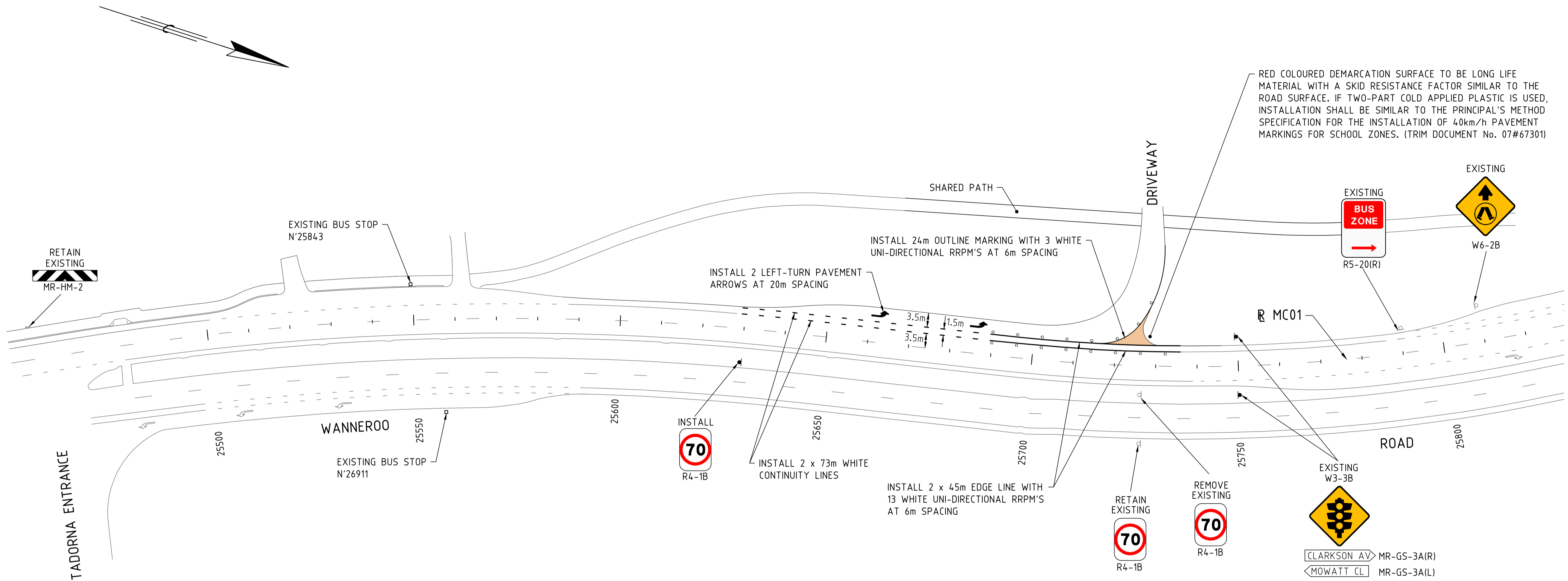
DRAWN	JW
DESIGNED	TM
VERIFIED	D.McK
DIRECTOR	KP

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 © ABN 47 065 475 149
 SMC PROJECT No 3006535

CLIENT FILE No.	
RECOMMENDED	
APPROVED	

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 METROPOLITAN REGION
 Waterloo Crescent East Perth 6004
 Telephone 13 81 38 Fax (08) 9323 4430

1:2000
 SCALES
 A
 1



RED COLOURED DEMARCATION SURFACE TO BE LONG LIFE MATERIAL WITH A SKID RESISTANCE FACTOR SIMILAR TO THE ROAD SURFACE. IF TWO-PART COLD APPLIED PLASTIC IS USED, INSTALLATION SHALL BE SIMILAR TO THE PRINCIPAL'S METHOD SPECIFICATION FOR THE INSTALLATION OF 40km/h PAVEMENT MARKINGS FOR SCHOOL ZONES. (TRIM DOCUMENT No. 07#67301)

- NOTES:**
1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 2. ALL SIGNS GREATER THAN 10 YEARS OLD, OR IN POOR CONDITION TO BE REPLACED WITH NEW, IN ACCORDANCE WITH MRWA SPECIFICATION 601.
 3. FOR PAVEMENT MARKING LEGEND REFER TO MRWA STANDARD DRG No. 9931-0198.

AS CONSTRUCTED

WANNEROO ROAD (H035)
 NORTHBOUND LEFT IN TURN POCKET
 SLK 25.58 TO SLK 25.79
PAVEMENT MARKING & SIGNING
 LOCAL AUTHORITY: CITY OF WANNEROO (110)
 MRWA DRAWING NUMBER
202048 - 3204 - 2

No.	DESCRIPTION	APPROVED & DATE
2	AS CONSTRUCTED - NO CHANGE	31-01-2024
1	KERB RADIUS AMENDED	29-08-2023
0	ISSUED FOR CONSTRUCTION	19-01-2023
AMENDMENTS		

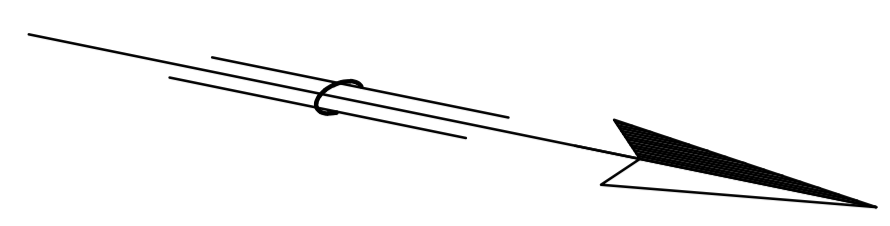
METADATA	
GROUND SURVEY STANDARD:	67-08-43
DATE OF CAPTURE:	12-06-19
MAPPING SURVEY STANDARD:	
DATE OF CAPTURE:	
MAIN ROADS PROJECT ZONE:	PCG94
HEIGHT DATUM:	A.H.D

DRAWN	JW
DESIGNED	TM
VERIFIED	D.McK
DIRECTOR	KP

Member of the Surbana Jurong Group
 © ABN 47 065 475 149
 SMEC PROJECT No 3006535

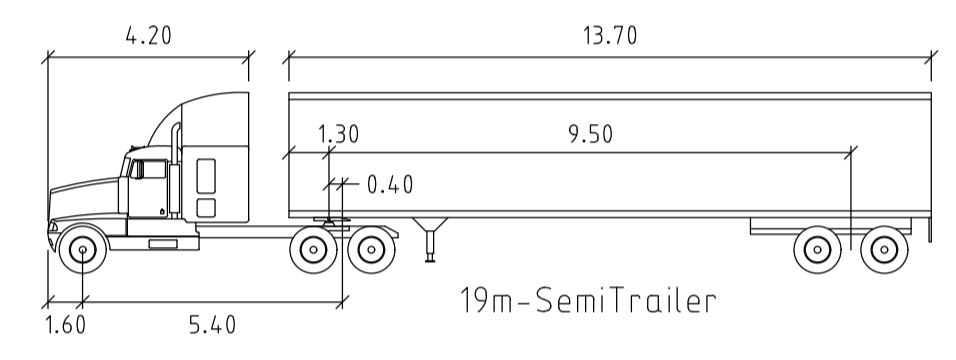
CLIENT FILE No.	
RECOMMENDED	
APPROVED	

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 METROPOLITAN REGION
 Waterloo Crescent East Perth 6004
 Telephone 13 81 38 Fax (08) 9323 4430

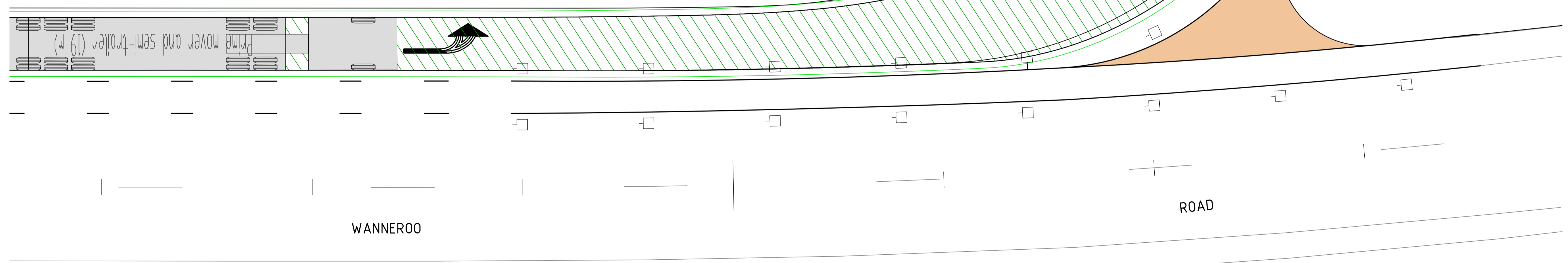


SHARED PATH

DRIVEWAY



NOTE:
MINIMUM TURNING RADIUS TO OUTSIDE FRONT WHEEL = 15m



1:100
SCALES
A
1

AS CONSTRUCTED

WANNEROO ROAD (H035)
NORTHBOUND LEFT IN TURN POCKET
SLK 25.58 TO SLK 25.79
VEHICLE TURN PATH

LOCAL AUTHORITY CITY OF WANNEROO (110)
MRWA DRAWING NUMBER
202048 - 3205 - 2

No.	DESCRIPTION	APPROVED & DATE
2	AS CONSTRUCTED	31-01-2024
1	KERB RADIUS AMENDED	29-08-2023
0	ISSUED FOR CONSTRUCTION	19-01-2023
AMENDMENTS		

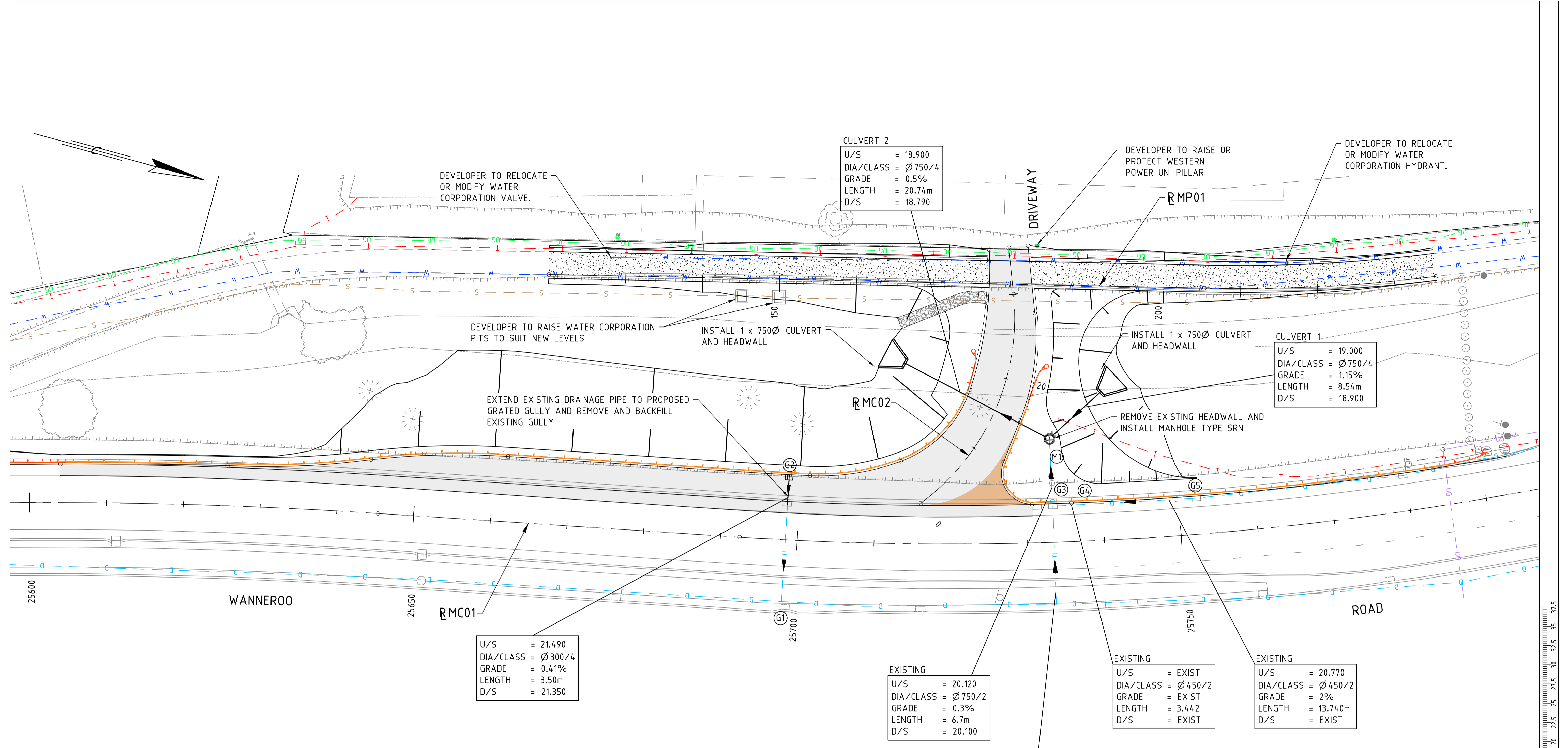
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GROUND SURVEY STANDARD:	67-08-43
DATE OF CAPTURE:	12-06-19
MAPPING SURVEY STANDARD:	
DATE OF CAPTURE:	
MAIN ROADS PROJECT ZONE:	PCG94
HEIGHT DATUM:	A.H.D

DRAWN	JW
DESIGNED	TM
VERIFIED	D.McK
DIRECTOR	KP

Member of the Surbana Jurong Group
© ABN 47 065 475 149
SMEC PROJECT No 3006535

CLIENT FILE No.	
RECOMMENDED	
APPROVED	

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METROPOLITAN REGION
Waterloo Crescent East Perth 6004
Telephone 13 81 38 Fax (08) 9323 4430



DRAINAGE PIT LOCATIONS				
NO	STRUCTURE	CO-ORDINATES		REFERENCE POINT ELEVATION
		EASTING	NORTHING	
G1	SWT	EXISTING	EXISTING	EXISTING
G2	SGT	46994.075	289045.292	22.233
M1	SRN	46980.690	289026.778	21.750
G3	EXISTING	EXISTING	EXISTING	EXISTING
G4	EXISTING	EXISTING	EXISTING	EXISTING
G5	SWT	EXISTING	EXISTING	EXISTING

LEGEND:

- NEW PAVEMENT
- RED COLOURED PAVEMENT
- NEW CONCRETE PATH
- REGRADE DRIVEWAY
- PEDESTRIAN RAMP AND TGS1
- PROPOSED HEADWALL
- PROPOSED DRAINAGE PIPE
- PROPOSED GRATED GULLY
- PROPOSED MANHOLE SRN
- W-BEAM SAFETY BARRIER
- ET-SS END TERMINAL OR SIMILAR
- W-BEAM SAFETY BARRIER TRAILING TERMINAL
- EXISTING STREET LIGHT

SERVICES LEGEND:

- W - WATER MAIN
- S - SEWER MAIN
- D - STORMWATER DRAINAGE
- UG - UNDERGROUND POWER
- T - TELSTRA
- UG - STREET LIGHTING

NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
- DESIGN LEVELS ARE TO FINISHED SURFACE.

AMENDMENTS	
NO	DESCRIPTION
2	AS CONSTRUCTED - NO CHANGE
1	KERB RADIUS AMENDED
0	ISSUED FOR CONSTRUCTION

METADATA	
GROUND SURVEY STANDARD:	67-08-43
DATE OF CAPTURE:	12-06-19
MAPPING SURVEY STANDARD:	
DATE OF CAPTURE:	
MAIN ROADS PROJECT ZONE:	PCG94
HEIGHT DATUM:	A.H.D

SMC
Member of the Surbana Jurong Group
© ABN 47 065 475 149

SMC PROJECT No 3006535

DRAWN	JW
DESIGNED	TM
VERIFIED	D.McK
DIRECTOR	KP

mainroads
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METROPOLITAN AND SOUTHERN REGIONS DIRECTORATE
METROPOLITAN REGION

Waterloo Crescent East Perth 6004
Telephone 13 81 38 Fax (08) 9323 4430

CLIENT FILE No.	
RECOMMENDED	
APPROVED	

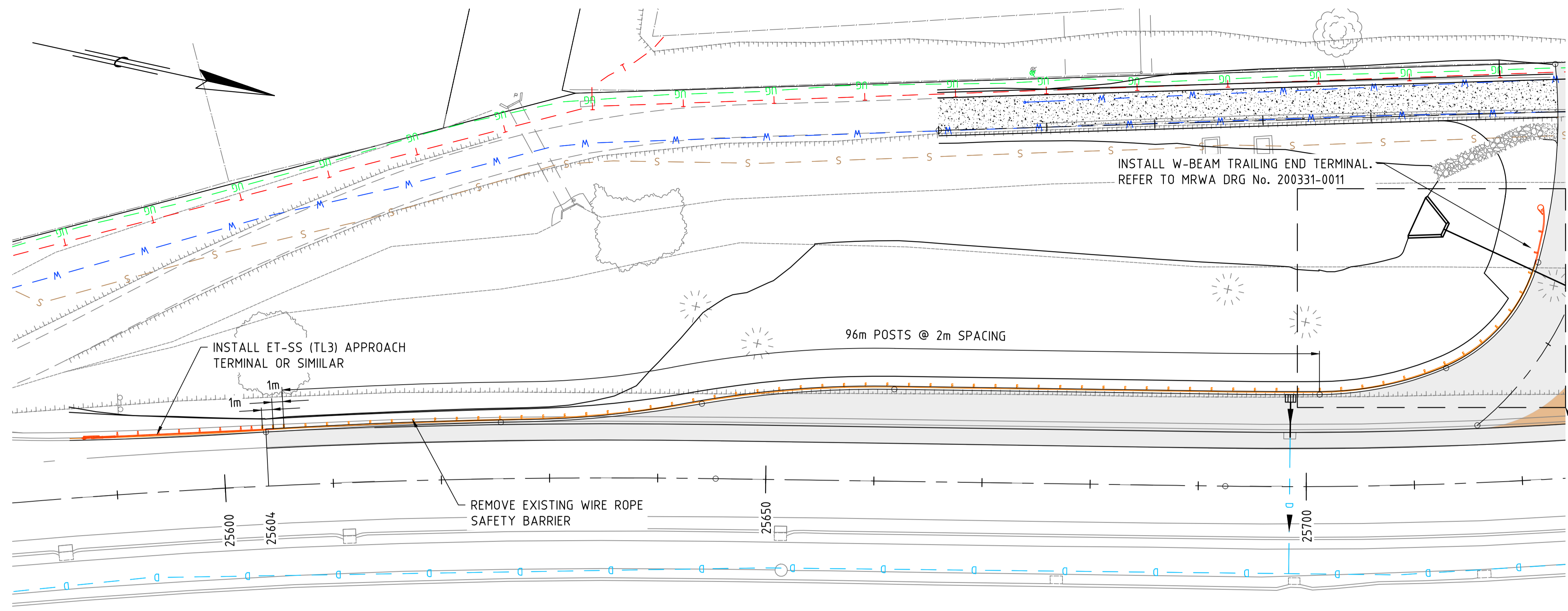


AS CONSTRUCTED

WANNEROO ROAD (H035)
NORTHBOUND LEFT IN TURN POCKET
SLK 25.58 TO SLK 25.79
DRAINAGE & SERVICES PLAN

LOCAL AUTHORITY CITY OF WANNEROO (110)
MRWA DRAWING NUMBER
202048 - 3206 - 2

1:250
SCALES
A 1



LEGEND:

	NEW PAVEMENT		W-BEAM SAFETY BARRIER
	RED COLOURED PAVEMENT		ET-SS END TERMINAL OR SIMILAR
	NEW CONCRETE PATH		W-BEAM SAFETY BARRIER TRAILING TERMINAL
	REGRADE DRIVEWAY		EXISTING STREET LIGHT
	PROPOSED HEADWALL		
	PROPOSED DRAINAGE PIPE		
	PROPOSED GRATED GULLY		
	PROPOSED MANHOLE SRN		

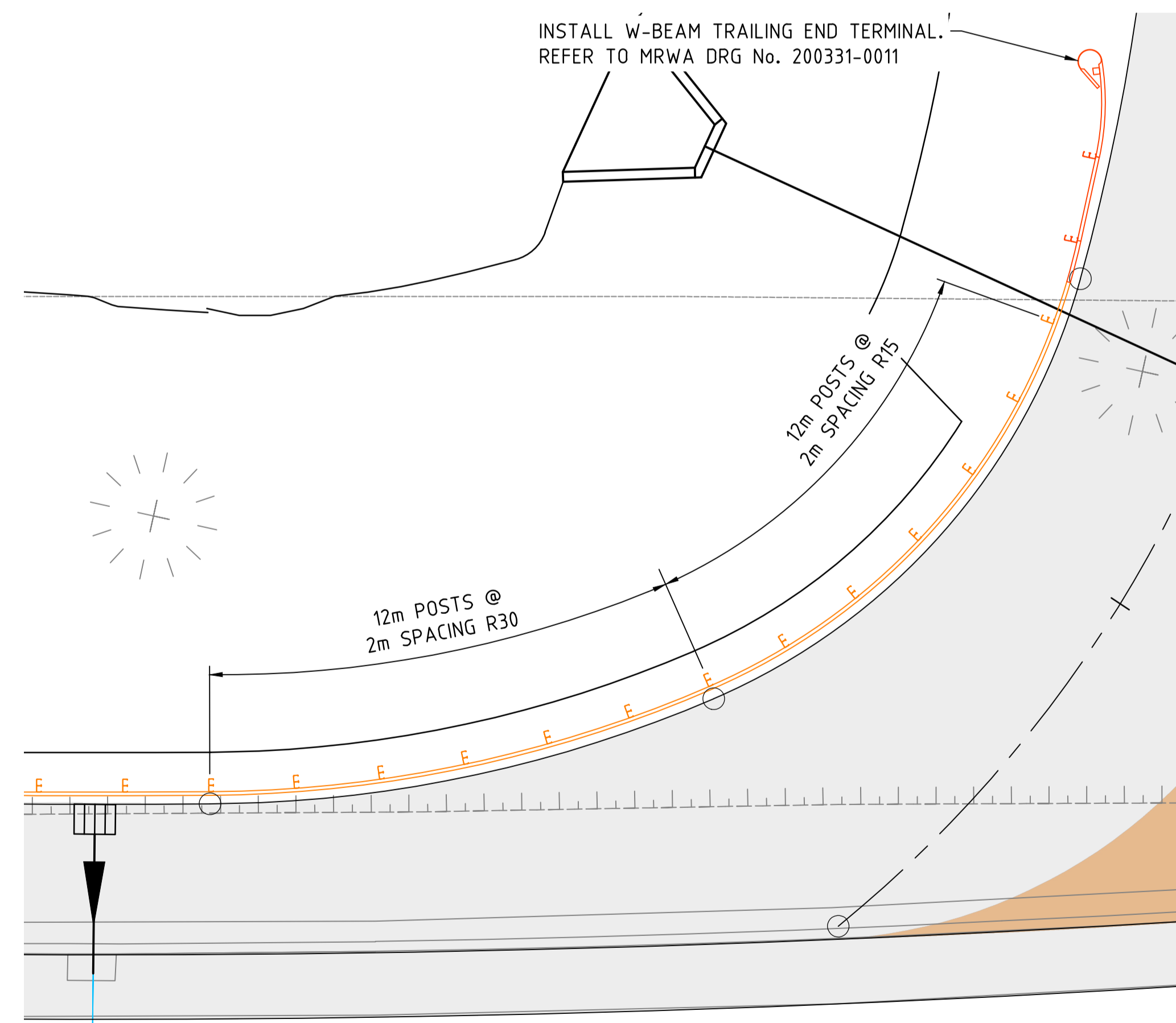
SERVICES LEGEND:

	W	WATER MAIN
	S	SEWER MAIN
	D	STORMWATER DRAINAGE
	UG	UNDERGROUND POWER
	T	TELSTRA
	UG	STREET LIGHTING

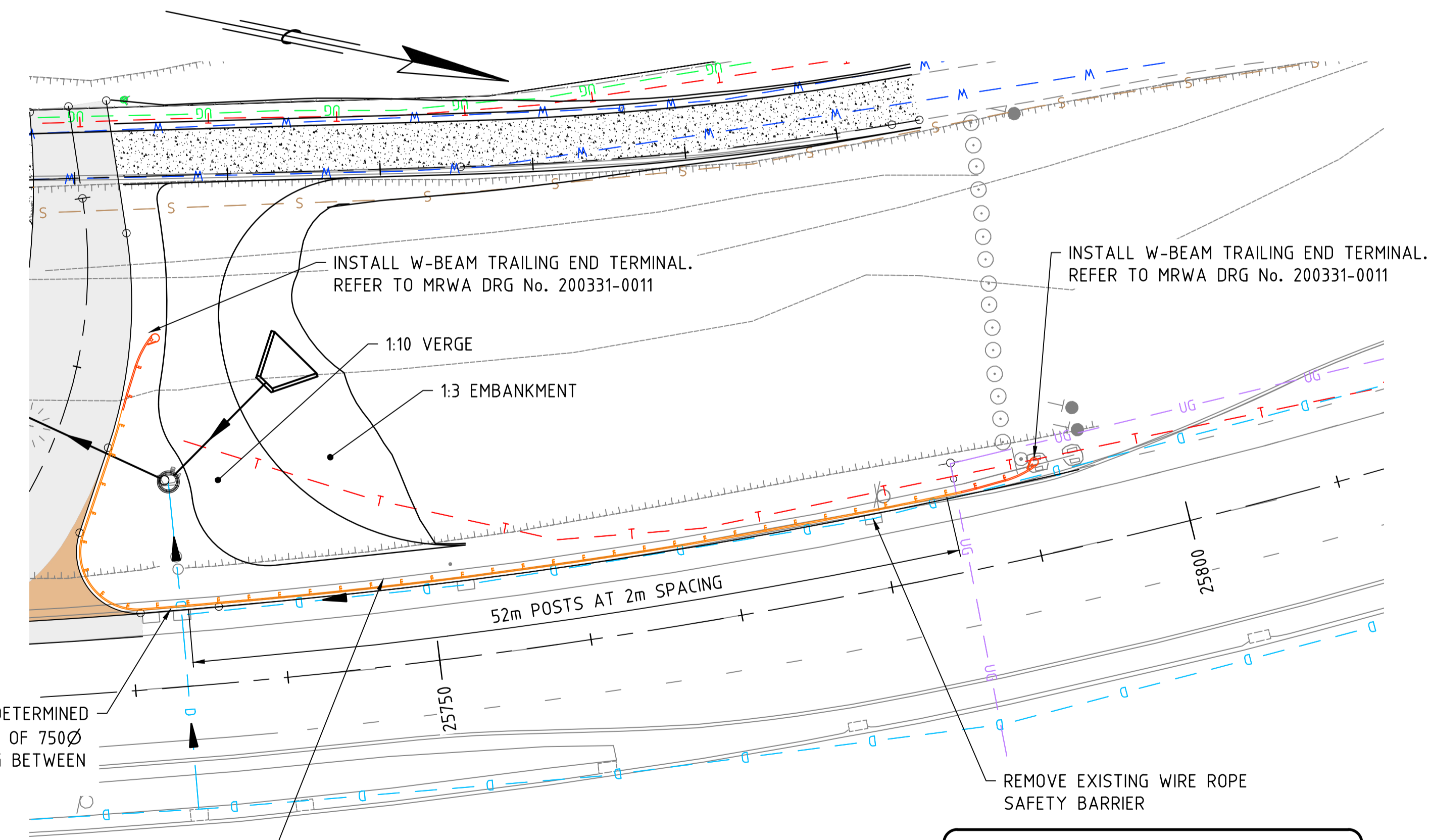


- NOTES:**
1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
 2. DESIGN LEVELS ARE TO FINISHED SURFACE.

PLAN
SCALE 1:250



DETAIL A
SCALE 1:100



PLAN
SCALE 1:250

SAFETY BARRIER POST LOCATION TO BE DETERMINED ON SITE. BEGIN INSTALLATION EITHER SIDE OF 750Ø DRAINAGE PIPE AND MAINTAIN 2m SPACING BETWEEN POSTS.

AS CONSTRUCTED

No.	DESCRIPTION	APPROVED & DATE
2	AS CONSTRUCTED - NO CHANGE	31-01-2024
1	KERB RADIUS & SAFETY BARRIER AMENDED	29-08-2023
0	ISSUED FOR CONSTRUCTION	19-01-2023
AMENDMENTS		

METADATA

GROUND SURVEY STANDARD:	67-08-43
DATE OF CAPTURE:	12-06-19
MAPPING SURVEY STANDARD:	
DATE OF CAPTURE:	
MAIN ROADS PROJECT ZONE:	PCG94
HEIGHT DATUM:	A.H.D

SMEC
Member of the Surbana Jurong Group
© ABN 47 065 475 149
SMEC PROJECT No 3006535

DRAWN	JW
DESIGNED	TM
VERIFIED	D.McK
DIRECTOR	KP

mainroads
WESTERN AUSTRALIA
METROPOLITAN AND SOUTHERN REGIONS DIRECTORATE
METROPOLITAN REGION
Waterloo Crescent
East Perth 6004
Telephone 13 81 38 Fax (08) 9323 4430

CLIENT FILE No.	
RECOMMENDED	
APPROVED	

WANNEROO ROAD (H035)
NORTHBOUND LEFT IN TURN POCKET
SLK 25.58 TO SLK 25.79
SAFETY BARRIER PLAN
LOCAL AUTHORITY CITY OF WANNEROO (110)
MRWA DRAWING NUMBER
202048 - 3207 - 2

