

OFFICER CENTRAL STAGE 8 YOURLAND PTY LTD

GENERAL NOTES:

SURVEY

1. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) 94, ZONE 55.
2. 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 AND ARE ACCURATE TO WITHIN $\pm 0.05\text{m}$.
3. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS2124-1992 GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED MUNICIPALITY SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE SUPERINTENDENT AND THE MUNICIPAL ENGINEER OR HIS REPRESENTATIVE.
4. ROAD CHAINAGES REFER TO ROAD CENTRELINES. CHAINAGES FOR INTERSECTIONS AND CUL-DE-SACS REFER TO THE LIP OF KERB

EARTHWORKS

5. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL LOCAL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
6. WHERE REQUIRED ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.
7. ALL EXCAVATED ROCK AND SURPLUS SPOIL TO BE REMOVED AND DISPOSED OFF SITE UNLESS NOTED OTHERWISE.
8. ALL FILLING ON LOTS AND WITHIN ROAD RESERVES GREATER THAN 200mm IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.
9. FILLING MATERIAL IS TO BE IN ACCORDANCE WITH THE SPECIFICATION, AS 3798-2007 & TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT.
10. ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
11. NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE FOR PUBLIC OPEN SPACE UNLESS OTHERWISE DIRECTED OR APPROVED BY THE SUPERINTENDENT.
12. TBM'S 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 T.B.M.'S THEREAFTER.
13. AT LEAST 3 DAYS PRIOR TO COMMENCING WORK ON EXCAVATIONS IN EXCESS OF 1.50m DEEP, A NOTIFICATION FORM MUST BE SENT TO WORKSAFE. THE CONTRACTOR IS TO COMPLY WITH WORKSAFE, THE MINES (TRENCHES) REGULATION 1982, THE MINES ACT 1958 AND OCCUPATIONAL HEALTH AND SAFETY ACT 1985, 2004.
14. ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND KERB AND CHANNEL OR PAVED TRAFFIC AREAS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
15. WHERE REQUIRED, ALL EXISTING DAMS, DEPRESSIONS AND DRAINS ARE TO BE BREACHED, DRAINED, DESLUDGED AND SHALL BE EXCAVATED TO A CLEAN FIRM BASE. THE SURFACE SHALL BE INSPECTED, APPROVED AND LEVELED BY THE ENGINEER PRIOR TO COMMENCEMENT OF FILLING. THE FILL SHALL BE APPROVED SELECTED ON SITE MATERIAL OR APPROVED IMPORTED MATERIAL. THE FILL SHALL BE PLACED UNDER CONTROLLED MOISTURE CONDITIONS IN ACCORDANCE WITH THE SPECIFICATION
16. NO BLASTING TO BE CARRIED OUT WITHIN THE MUNICIPALITY WITHOUT OBTAINING COUNCILS PERMISSION.

SERVICES

17. GAS AND WATER CONDUITS ARE TO BE ,
Ø50mm . CLASS 12 P.V.C. - SINGLE SERVICE
Ø100mm . CLASS 12 P.V.C. - DUAL SERVICE (DRINKING AND NON DRINKING WATER)

WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS:
ROAD PAVEMENT - 0.80m
VERGE, FOOTPATHS - 0.45m

LOCATION OF THE CONDUITS TO BE MARKED ON THE FACE OF KERB ON EACH SIDE OF THE ROAD WITH A 50mm HIGH LETTER (G FOR GAS, W FOR WATER, E FOR ELECTRICITY AND T FOR TELECOMMUNICATIONS).
18. ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS TO BE BACKFILLED IN ACCORDANCE WITH RELEVANT MUNICIPALITY OR ROAD AUTHORITY SPECIFICATION.

STORM WATER DRAINAGE

19. AG/SUBSOIL DRAIN TO BE LAID BEHIND KERB WHERE REQUIRED IN ACCORDANCE WITH THE COUNCIL STANDARD DRAWINGS AND CONNECTED TO UNDERGROUND DRAINAGE.
20. ALL STORMWATER DRAINS ARE TO BE CLASS '2' R.C. PIPES UNLESS OTHERWISE SHOWN. ALL R.C. JOINTS ARE TO BE RUBBER RING JOINTED (R.R.J.) UNLESS OTHERWISE SHOWN
21. CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 1.0m OR 2.3m (WHERE OUTSIDE OF EASEMENT) FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN
22. 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. CURVED PIPES ARE TO BE APPROVED BY COUNCIL AND IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
23. CCTV RESULTS FOR THE FULL LENGTH OF ALL STORMWATER DRAINAGE PIPES WHERE CARDINIA SHIRE COUNCIL IS RESPONSIBLE AUTHORITY MUST BE SUBMITTED FOR ASSESSMENT. SUBMITTED INFORMATION IS TO BE TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY. CCTV FOOTAGE TO BE PROVIDED BY CONTRACTOR BEFORE THE ROADS ARE PRIMED AND / OR ASPHALTED. ALL DAMAGED PIPES UNDER ROADS MUST BE REPAIRED AND INSPECTED PRIOR TO THE PRIMING AND ASPHALTING OF THE ROAD AND BEFORE A CERTIFICATE OF PRACTICAL COMPLETION IS ISSUED.

PAVEMENT

24. PAVEMENT DEPTHS MAY BE MODIFIED AS DIRECTED BY THE COUNCIL. PAVEMENT TO BE BOXED OUT TO MINIMUM DEPTH DENOTED, INSPECTED AND IF SUBGRADE IS IN QUESTION, FURTHER TESTING CARRIED OUT TO DETERMINE FINAL PAVEMENT DEPTH.
25. WHERE PAVEMENT IS CONSTRUCTED ON FILLING, FILL MATERIAL IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCIL. FILLING TO BE CONSTRUCTED IN LAYERS 150mm THICK WITH COMPACTION ACHIEVING 95% AUSTRALIAN STANDARD DENSITY.
26. 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.

SIGNAGE AND LINEMARKING

27. LINEMARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742 SERIES UNLESS NOTED OTHERWISE. STREET SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL STANDARDS.
28. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE SUPPLIED AND MAINTAINED IN ACCORDANCE WITH AS 1742-3.
29. TACTILE GROUND SURFACE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH THE DISABILITY DISCRIMINATION ACT AND RELEVANT COUNCIL STANDARD DRAWINGS.

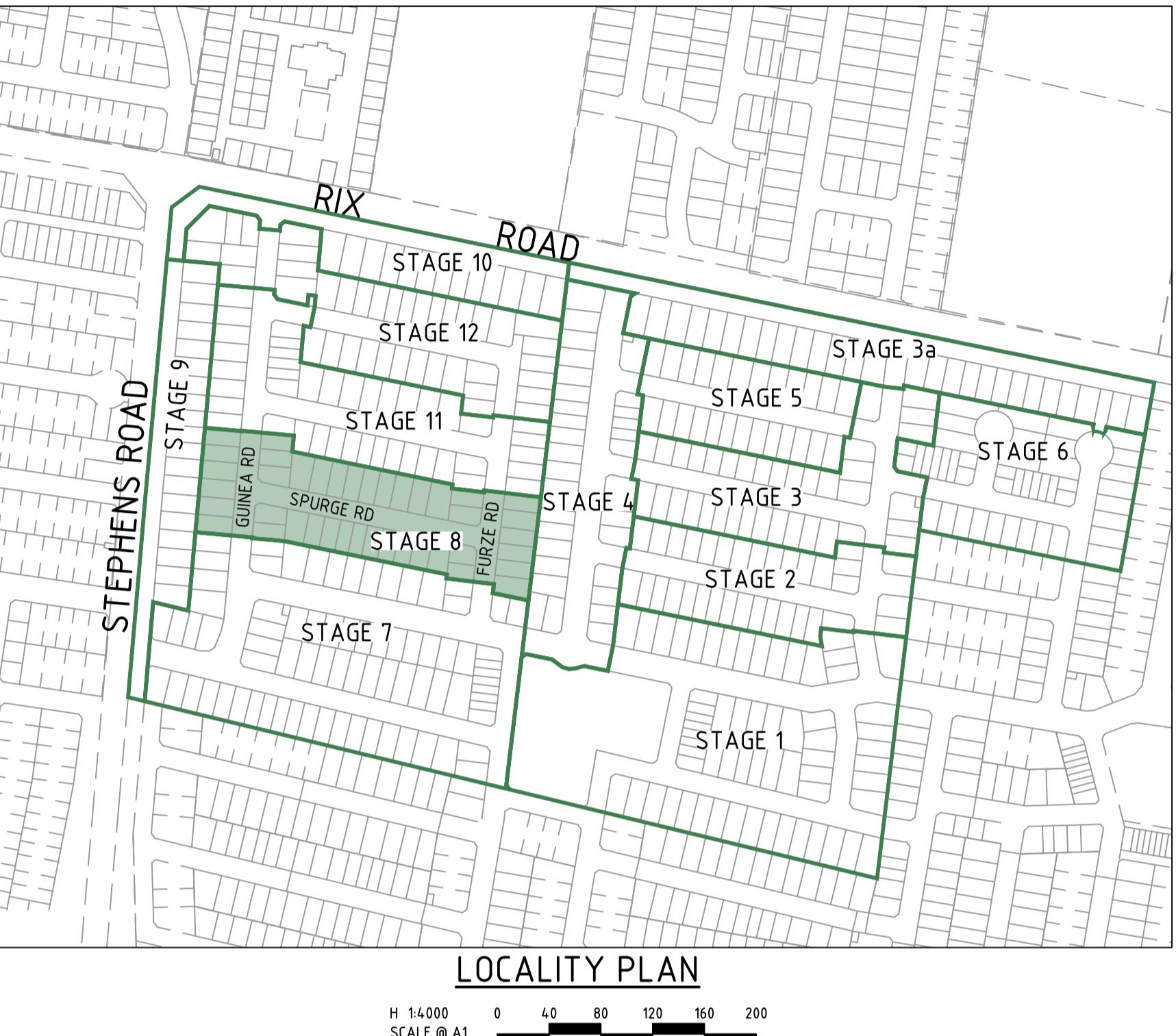
ENVIRONMENTAL

30. CONTRACTOR TO PROVIDE AN ENVIRONMENTAL MANAGEMENT PLAN INCLUDING SILT AND SEDIMENT RUNOFF PROTECTION ETC. PRIOR TO THE COMMENCEMENT OF WORKS.
31. 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 SUPERINTENDENT.
32. TREES NOT SPECIFIED FOR REMOVAL ARE TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS.

MISCELLANEOUS

33. PRIOR TO PC, PROVIDE THE ALLOCATED STREET NUMBER ON THE KERB IN FRONT OF EACH LOT. THE KERBSIDE NUMBERS MUST BE 100MM WHITE LETTERING ON A BLACK BACKGROUND LOCATED ON THE FRONT OF THE KERB AT THE PROPERTY FRONTAGE TO COUNCIL SATISFACTION.
34. UPON COMPLETION OF THE CIVIL WORKS, THE CONTRACTOR SHALL PROVIDE AS CONSTRUCTED PLANS IN AUTOCAD, D-SPEC AND R-SPEC DIGITAL FORMAT TO COUNCIL'S REQUIREMENTS AND TO THE SATISFACTION OF ALL PARTIES.
35. HOUSE DRAIN LOCATIONS ARE TO BE STAMPED ON THE KERB FACE IN ACCORDANCE WITH VPA EDCM303
36. CONTRACTOR TO REFER TO AND COMPLY WITH CHMP / F&F REPORTS PROVIDED IN CONTRACT DOCUMENTS
37. "COUNCIL WILL NOT ACCEPT ANY RESPONSIBILITY FOR WORKS WHERE AN INSPECTION IS NOT UNDERTAKEN WITH A COUNCIL APPOINTED REPRESENTATIVE

24 HOURS NOTICE IS REQUIRED FOR INSPECTION AT THE FOLLOWING HOLD POINTS:
PRIOR TO COMMENCEMENT OF THE WORKS.
INSPECTION OF THE SUBGRADE.
INSPECTION DURING DRAINAGE WORKS.
INSPECTION PRIOR TO POURING OF PITS.
INSPECTION OF SUB SOIL DRAINAGE.
INSPECTION OF KERB AND CHANNEL BEDDING.
INSPECTION PRIOR TO ANY CONCRETE WORKS.
INSPECTION AND TESTING OF EACH PAVEMENT LAYER (BY DEVELOPER OR CONTRACTOR), PRIOR TO PLACING ANY SUBSEQUENT PAVEMENT LAYER.
COMPACTION TEST RESULTS SHALL BE ISSUED TO COUNCIL.
INSPECTION PRIOR TO SEALING AND ASPHALT WORKS.
ANY OTHER INSPECTION HOLD POINTS AS PER EDCM



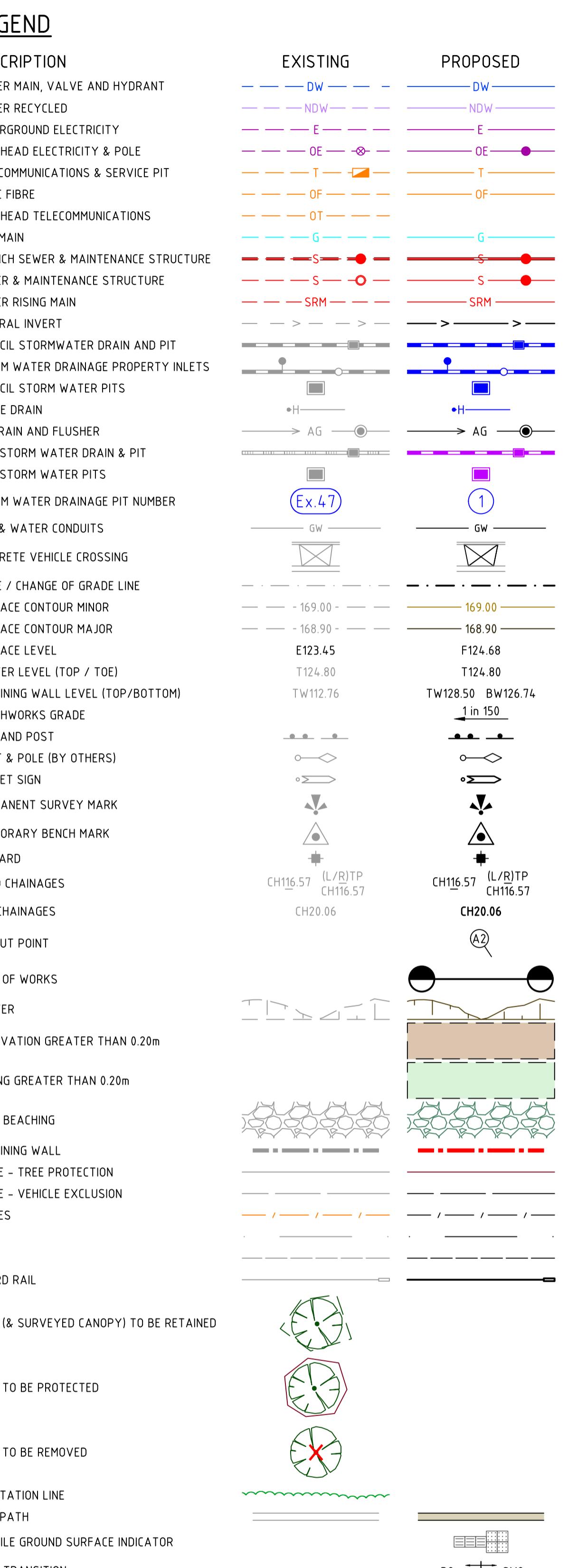
DRAWING SCHEDULE

RAWING	DESCRIPTION	SHEET No.	REVISION
CR100	GENERAL NOTES - GENERAL NOTES	1	0
CR200	ROAD LAYOUT PLANS - FACE PLAN	2	0
CR201	ROAD LAYOUT PLANS - SERVICES PLAN	3	0
CR202	ROAD LAYOUT PLANS - EARTHWORKS PLAN	4	0
CR300	ROAD LONG SECTIONS - SHEET 1	5	0
CR301	ROAD LONG SECTIONS - SHEET 2	6	0
CR400	ROAD CROSS SECTIONS - SHEET 1	7	0
CR401	ROAD CROSS SECTIONS - SHEET 2	8	0
CR402	ROAD CROSS SECTIONS - SHEET 3	9	0
CR403	ROAD CROSS SECTIONS - SHEET 4	10	0
CR404	TYPICAL CROSS SECTIONS	11	0
CR500	INTERSECTION DETAILS	12	0
CR600	DRAINAGE LONG SECTIONS - SHEET 1	13	0
CR601	DRAINAGE LONG SECTIONS - SHEET 2	14	0
CR602	DRAINAGE LONG SECTIONS - SHEET 3	15	0
CR700	PAVEMENT AND TYPICAL DETAILS	16	0
CR800	SIGNAGE AND LINEMARKING	17	0



WARNING

WARNING
BEWARE OF UNDERGROUND/OVERHEAD SERVICES
THE LOCATION OF SERVICES ARE APPROXIMATE ONLY AND THEIR
EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS
GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. SPECIAL
CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES
UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES



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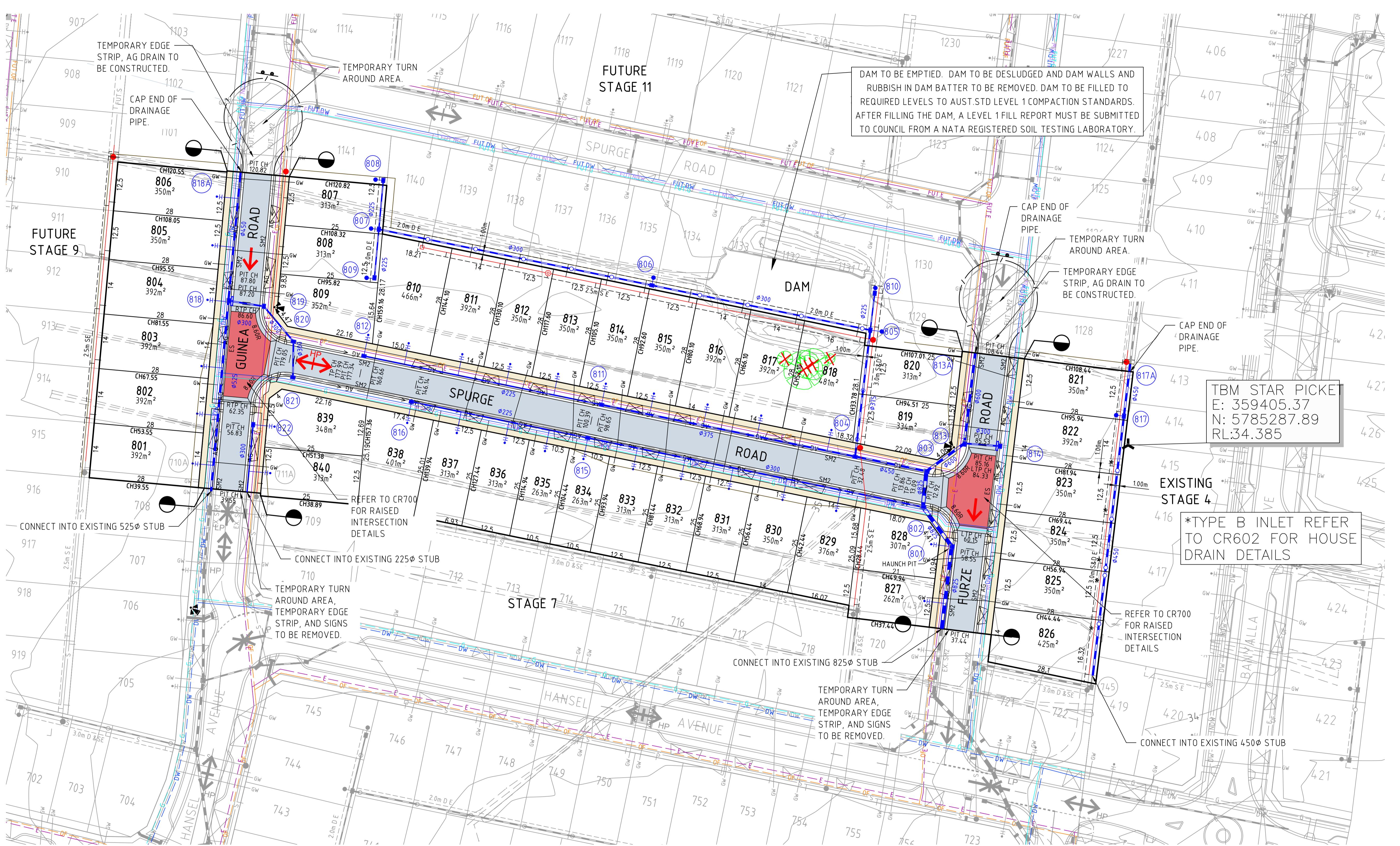
1/126 ALBERT ROAD WARRAGUL
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Checked
B.IBBS
Date
13/11/2023

**OFFICER CENTRAL
STAGE 8
ROAD AND DRAINAGE
GENERAL NOTES
ARDINIA SHIRE
OURLAND PTY LTD**

AS CONSTRUCTED Drg No 310307CR100 Rev 0



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**OFFICER CENTRAL
STAGE 8
ROAD AND DRAINAGE
ROAD LAYOUT PLANS - FACE PLAN
CARDINIA SHIRE
OURLAND PTY LTD**

0	ISSUED FOR CONSTRUCTION		B.W.	NO
B	REVISED PLANS AS PER COUNCIL COMMENTS		B.W.	OK
A	PRELIMINARY ISSUE		B.W.	AU
Rev	Amendments		Approved	

Three circular logos for ISO certification. The first is red with a star and 'dlcs' text. The second is yellow with a star and 'ISO 45001 certified' text. The third is green with a star and 'ISO 14001 certified' text.

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S.SALHAN
Authorised
B.WAREHA

Checked
B.IBBS
Date
13/11/2023

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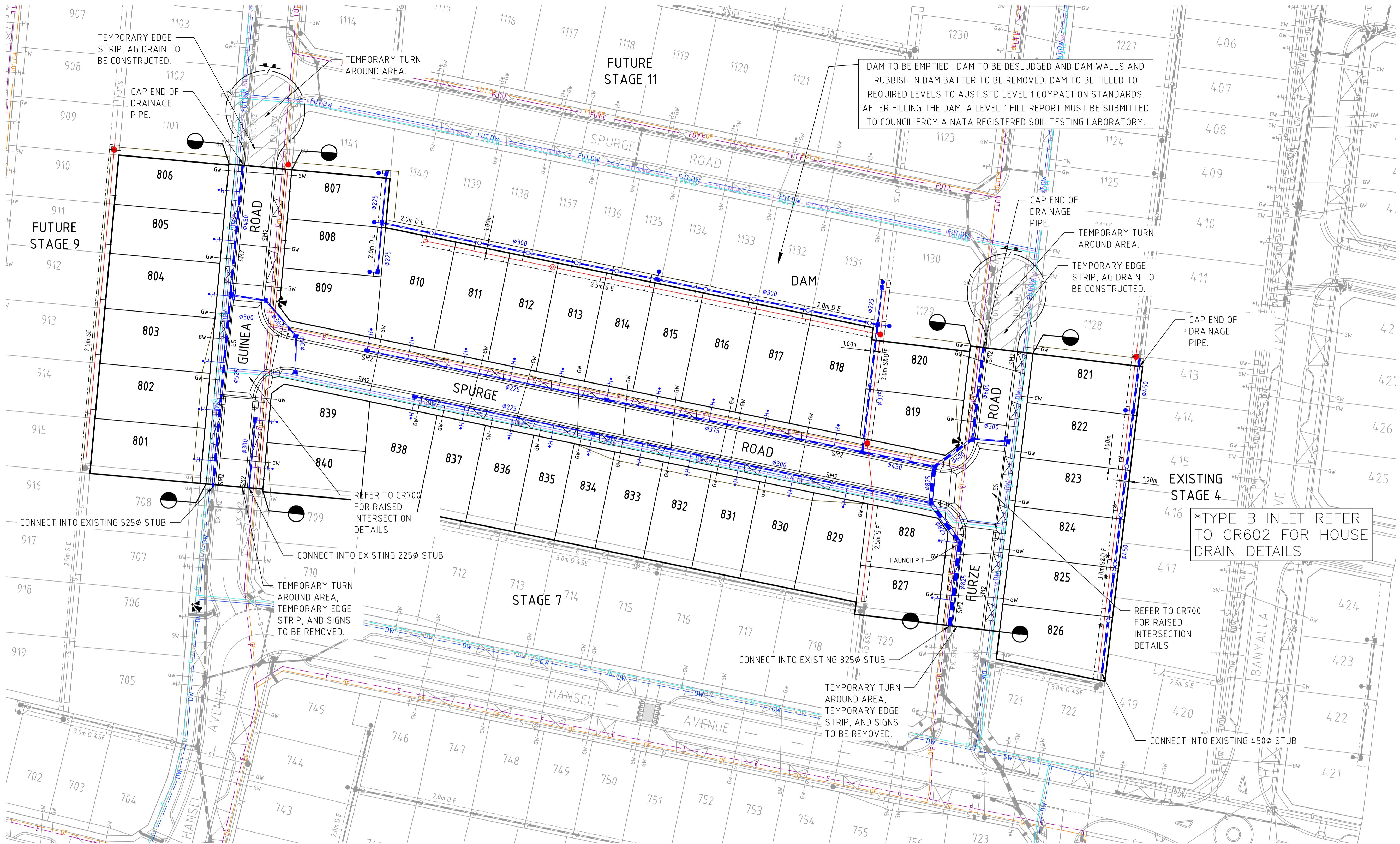
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ROAD LAYOUT PLANS - FASE 1EAN
CARDINIA SHIRE
YOURLAND PTY LTD

AS CONSTRUCTED 310307CR200 0



MGA 94
ZONE 55



SERVICE LOCATION TABLE

ROAD NAME	POTABLE WATER		NON DRINKING WATER		GAS		ELECTRICITY				NBN (TELECOM)	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	POLE		U/G CABLE		SIDE	OFFSET
							SIDE	OFFSET	SIDE	OFFSET		
FURZE ROAD	E	2.55	E	2.10	E	1.70	W	0.9x	W	2.40	W	1.85
SPURGE ROAD	S	2.75	S	2.25	S	1.80	N	0.9x	N	2.40	N	1.85
GUINEA ROAD	W	2.55	W	2.10	W	1.65	E	0.9x	E	2.40	E	1.85

1. TELECOMMUNICATIONS AND ELECTRICITY CABLES TO BE CONSTRUCTED IN A COMMON TRENCH IN ACCORDANCE WITH ELECTRICITY AUTHORITY STANDARD DRG's

2. GAS AND WATER MAINS TO BE CONSTRUCTED IN A COMMON TRENCH

3. x = OFFSET FROM BACK OF KERB



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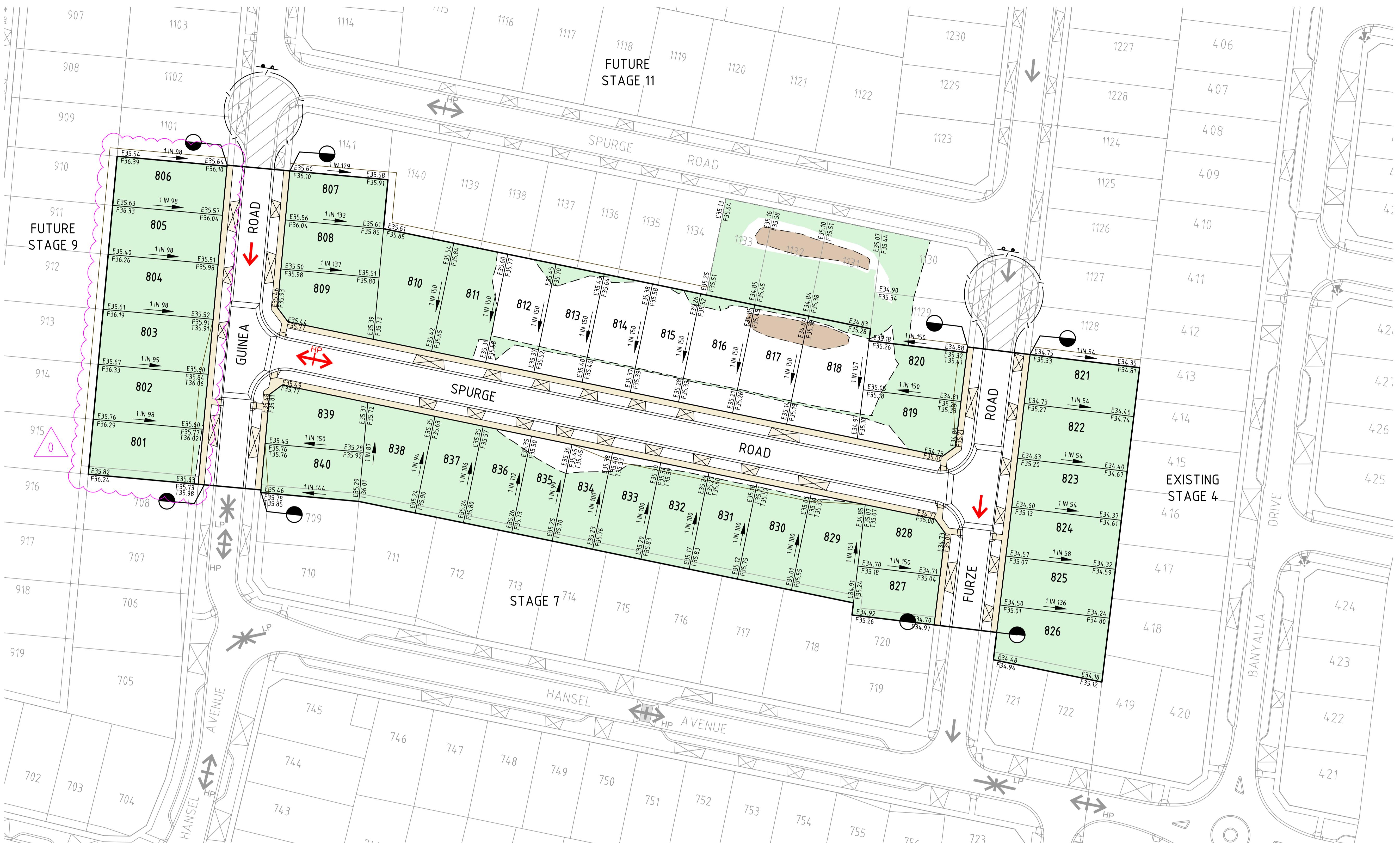
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OFFICER CENTRAL STAGE 8

ROAD AND DRAINAGE ROAD LAYOUT PLANS - SERVICES PLAN CARDINIA SHIRE YOURLAND PTY LTD

AS CONSTRUCTED 310307CR201 0



FILL GREATER THAN 200mm
 CUT GREATER THAN 200mm



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0	ISSUED FOR CONSTRUCTION	B.W.	NOV 2023
A	PRELIMINARY ISSUE	B.W.	AUG 2023
Rev	Amendments	Approved	Date

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ROAD AND DRAINAGE
ROAD LAYOUT PLANS - EARTHWORKS PLAN
CARDINIA SHIRE
YOURLAND PTY LTD
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Rev 0