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MS

MS

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SB

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Full Size 1:500 ; Half Size 1:1000

Full Size 1:100 ; Half Size 1:200

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Scale (m)

Scale (m)

23.02.22 RKS

31.08.22 RS

05.07.23 SH

RS

CAD FILE: W:\5445 - CHAPMANS ROAD TUNCURRY\8. ENGINEERING (WIP)\1. CIVIL DESIGN\2. DA & S96\20230706 DA RELODGEMENT\5445\_MHE\_DRAFTING SET\5445\_MHE\_DRAFTING SET.DWG PLOTTED BY: WINDOWS PC PLOT DATE: 10/07/2023 2:34:17 PM

A DA LODGEMENT

B DA LODGEMENT

C DA LODGEMENT WITH AMENDMENTS

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PRELIMINARY ISSUE

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AUSTRALIA

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MANUFACTURED HOUSING ESTATE

ROAD LONGITUDINAL SECTIONS - SHEET 1 OF 2

5445

ORIGINAL SIZE: LAND DYNAMICS JOB No.: DRAWING No.:

LOT 100 DP1286524

1.70 1.60 1.61

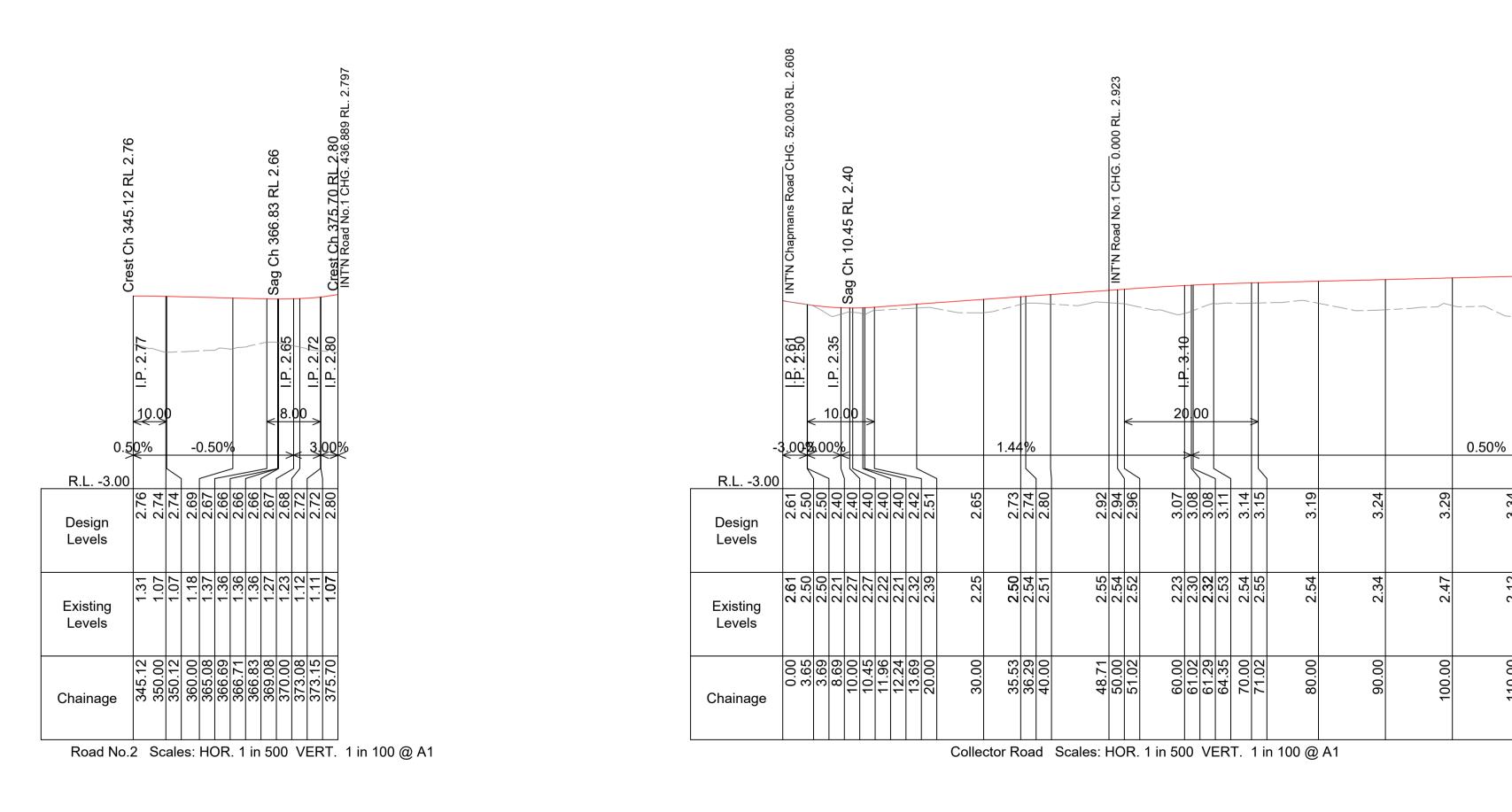
22 2

2.57

Road No.2 Scales: HOR. 1 in 500 VERT. 1 in 100 @ A1

2.45 2.32 2.22 2.22 1.97

187.13 190.00 192.98 195.24



1.97

110.00

REV	DESCRIPTION	DATE	DRAWN	SURVEY	CHECK	APPROVED	SCALES: 0 5 10 20		Copyright of Land Dynamics Australia, No	
Α	DA LODGEMENT	23.02.22	RKS	RS	MS	MS	Full Size 1:500 ; Half Size 1:1000	e 1:1000	part of this drawing may be reproduced, stored in a retrieval system or transmitted in any form, without the written permission of the	
В	DA LODGEMENT	31.08.22	RS		SB	MS	Scale (m)			
С	DA LODGEMENT WITH AMENDMENTS	05.07.23	SH		SH	MS			copyright owner except as permitted by the Copyright Act 1968.	
							0 1 2 4 6 Full Size 1:100 ; Half Size 1:200 Scale (m)	6		
									addition to the original drawing. This notice	
							DO NOT SCALE EDOM DRAWING	must not be erased.	must not be erased.	

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2.27 2.34 2.34 2.34 2.35 2.35 2.35 2.35 2.35

45.81

54.80 54.91 60.00 63.80 66.93 70.00

0.00 0.00 0.00 0.00 2.28 2.25 2.25 6.76 6.76 10.00 10.76 13.48 13.48 30.00

Existing Levels

Chainage





2.26 2.27 2.33 2.20

000 000

236. 237. 240. 244.

277.71 278.52 280.00 286.87 290.00

PRELIMINARY ISSUE

PROJECT:
40-80 CHAPMANS ROAD, TUNCURRY

1.14 1.22 1.25 1.25 1.25 1.25 1.10 1.10 1.31

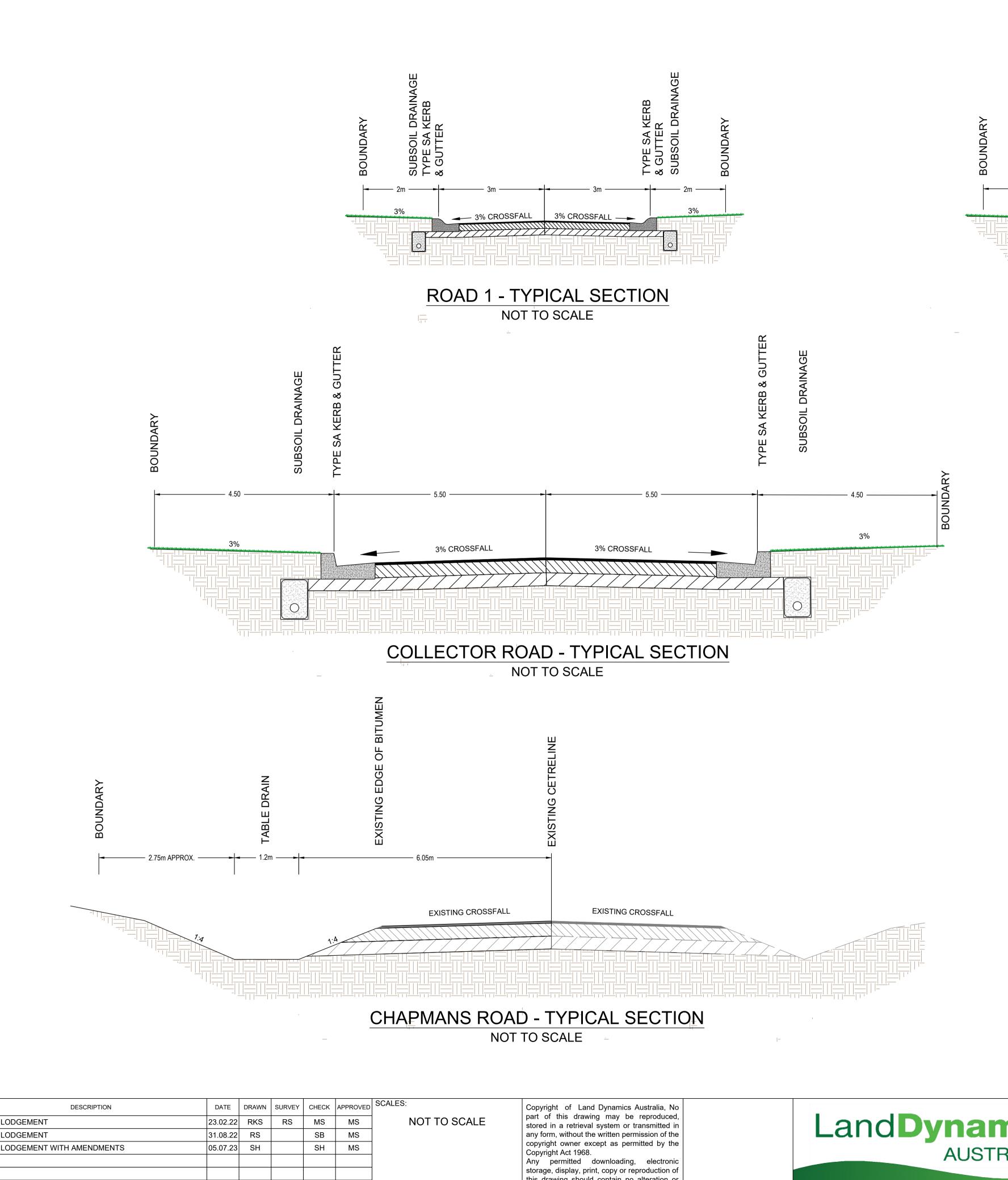
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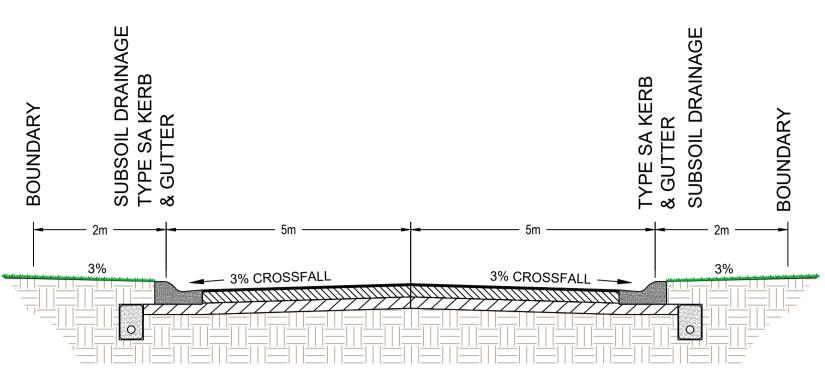
MANUFACTURED HOUSING ESTATE LOT 100 DP1286524

ROAD LONGITUDINAL SECTIONS - SHEET 2 OF 2 ORIGINAL SIZE: LAND DYNAMICS JOB No.: DRAWING No.:

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ROAD 1 - TYPICAL SECTION (CH.0 - 50)

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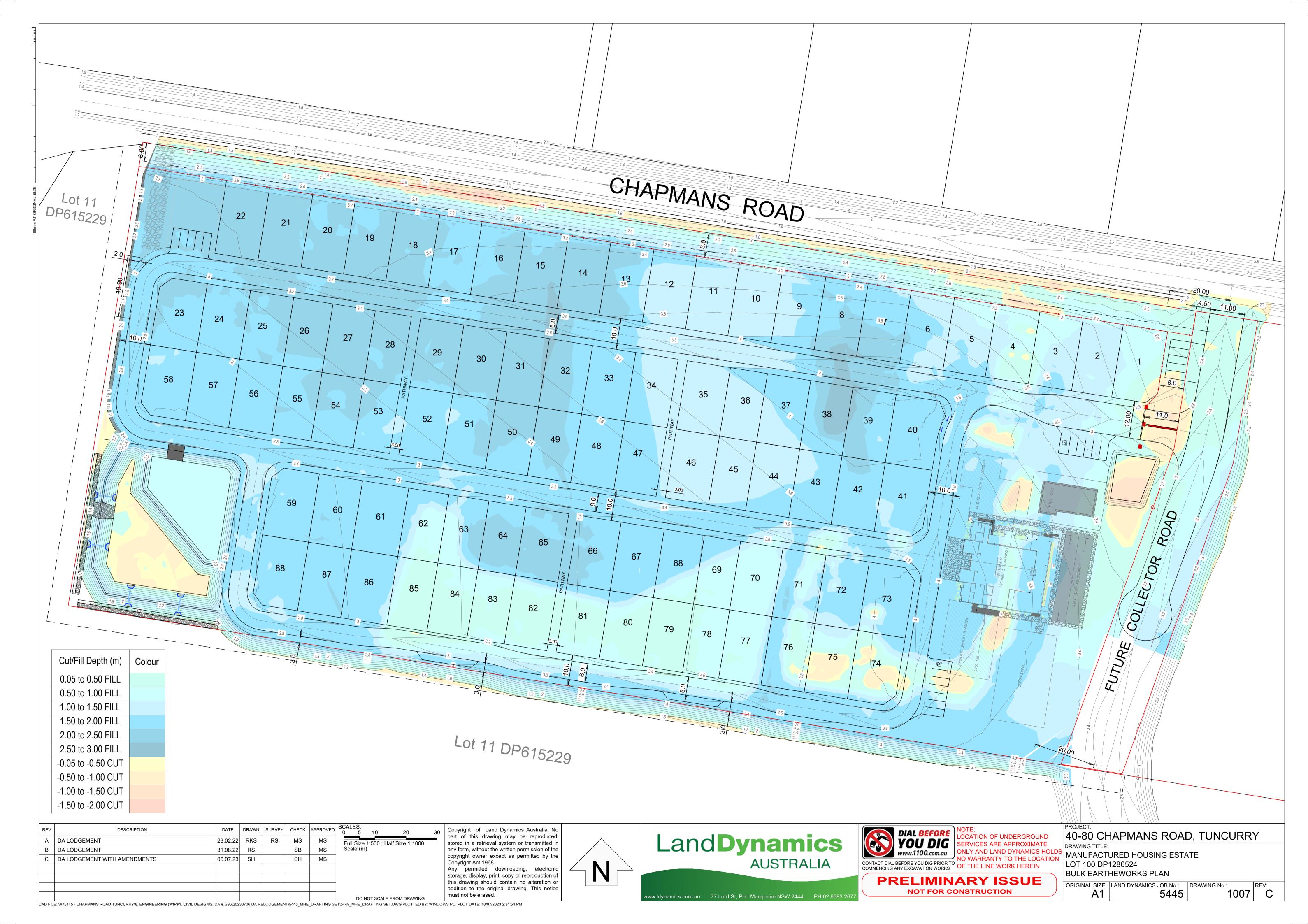


PRELIMINARY ISSUE **NOT FOR CONSTRUCTION** 

DRAWING TITLE:
40-80 CHAPMANS ROAD, TUNCURRY
1 NOSECT:

MANUFACTURED HOUSING ESTATE LOT 100 DP1286524 TYPICAL ROAD SECTIONS

ORIGINAL SIZE: LAND DYNAMICS JOB No.: DRAWING No.: 5445



PER BLUE BOOK CLAUSE 4.4.2, WHERE SCHEDULING ACTIVITIES ON HIGHLY SENSITIVE LANDS EXTENDS TO PERIODS OUTSIDE OF JUNE - OCTOBER, IDEALLY ENSURE THAT ANY DISTURBED LANDS HAVE C-FACTORS HIGHER THAN 0.1 ONLY WHEN THE 3-DAY FORECAST SUGGESTS THAT RAIN IS UNLIKELY. IN THIS CASE, MANAGEMENT REGIMES SHOULD BE ESTABLISHED THAT FACILITATE STABILISATION WITHIN 24 HOURS SHOULD THE FORECAST PROVE INCORRECT.

NOTE, A C-FACTOR OF 0.1 OR LOWER CAN BE ACHEIVED BY A 60% GRASS COVERAGE OR IMMEDIATELY BY MULCHING OR TOPSOILING WITH ADDED MULCH, OR HYDROSEED/HYDROMULCH.

THE CONTRACTOR IS TO PREPARE & MAINTAIN A DAILY SELF-AUDIT MAINTENANCE CHECKLIST OF ALL EROSION & SEDIMENT CONTROL MEASURES. SEE CHAPTER 8 OF THE 'BLUE BOOK'.

- 1A. CONSTRUCTION ZONES ARE OUTLINED WITHIN THE DESIGN. AREAS OUTSIDE THIS ARE CONSIDERED "NO-GO ZONES" AND OTHER THAN FOR SPECIFIC CONSTRUCTION PURPOSES, ACCESS WITHIN THESE AREAS IS PROHIBITED (INCLUDING USE AS A HAULAGE PATH). OCCUPATION OUTSIDE THESE AREAS AND UNDUE DAMAGE TO EXISTING GROUND COVER WILL BE DEEMED AS NON-COMPLIANCE WITH THIS PLAN.
- GRASS COVER IS A HIGHLY EFFECTIVE NATURAL SEDIMENT FILTER AND THE THICKLY GRASSED VEGETATION COVER THAT EXISTS ADJACENT TO THE SITE IS TO REMAIN UNDISTURBED THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD. OCCUPATION OF THESE AREAS AND UNDUE DAMAGE TO EXISTING GROUND COVER WILL BE DEEMED AS NON-COMPLIANCE WITH THIS PLAN.
- 1C. CONSTRUCT STABILISED SITE ACCESS AT POSITION NOMINATED BY CONTRACTOR TO THE APPROVAL OF COUNCIL. THE CONTRACTOR SHALL TO THE SATISFACTION OF COUNCIL PREVENT SITE VEHICLES TRACKING SEDIMENT AND OTHER POLLUTANTS FROM THE SITE. SITE VEHICLES MUST ENTER/EXIT THE SITE VIA AN APPROVED STABILISED ACCESS ONLY.
- 1D. ERECT SEDIMENT FENCING AT LOCATIONS SHOWN ON PLAN TO PROTECT DOWNSLOPE AREAS FROM CONSTRUCTION BORNE SEDIMENT. PLACE RETURNS AT
- MAXIMUM 20m INTERVALS. 1E. UTILISE BOX OUT OF BASIN FUTURE BASIN SYSTEM TO ACT AS A TEMPORARY "WET" SEDIMENT POND. EMERGENCY WEIR TO REMAIN UNOBSTRUCTED AT ALL TIMES. OUTLET ARRANGEMENT SUBJECT TO FUTURE DETAILED DESIGN.
- 1F. PLACE TEMPORARY WATERWAY CROSSING (DUCTILE IRON PIPE OR SIMILAR) AT LOCATION SHOWN (AS REQUIRED) AS PER DETAIL SD501.
- 1G. PLACE GEOTEXTILE SAUSAGES FILLED WITH COARSE BLUE METAL (SD6-11) WITHIN CHAPMANS ROAD TABLE DRAIN AT 20m SPACINGS.

2A. UNDERTAKE BULK EARTHWORKS/ SITE PREPARATION.

2B. AT THE CONCLUSION OF EACH DAY ALL SEDIMENT CONTROL STRUCTURES TO BE INSPECTED AND SANDBAGS &/OR CROSS DRAINS ARE TO BE CUT ON UNSEALED SECTIONS OF ROADS AT MAXIMUM 20m INTERVALS TO PREVENT SCOURING.

3A. UNDERTAKE SEWERAGE RETICULATION WORKS.

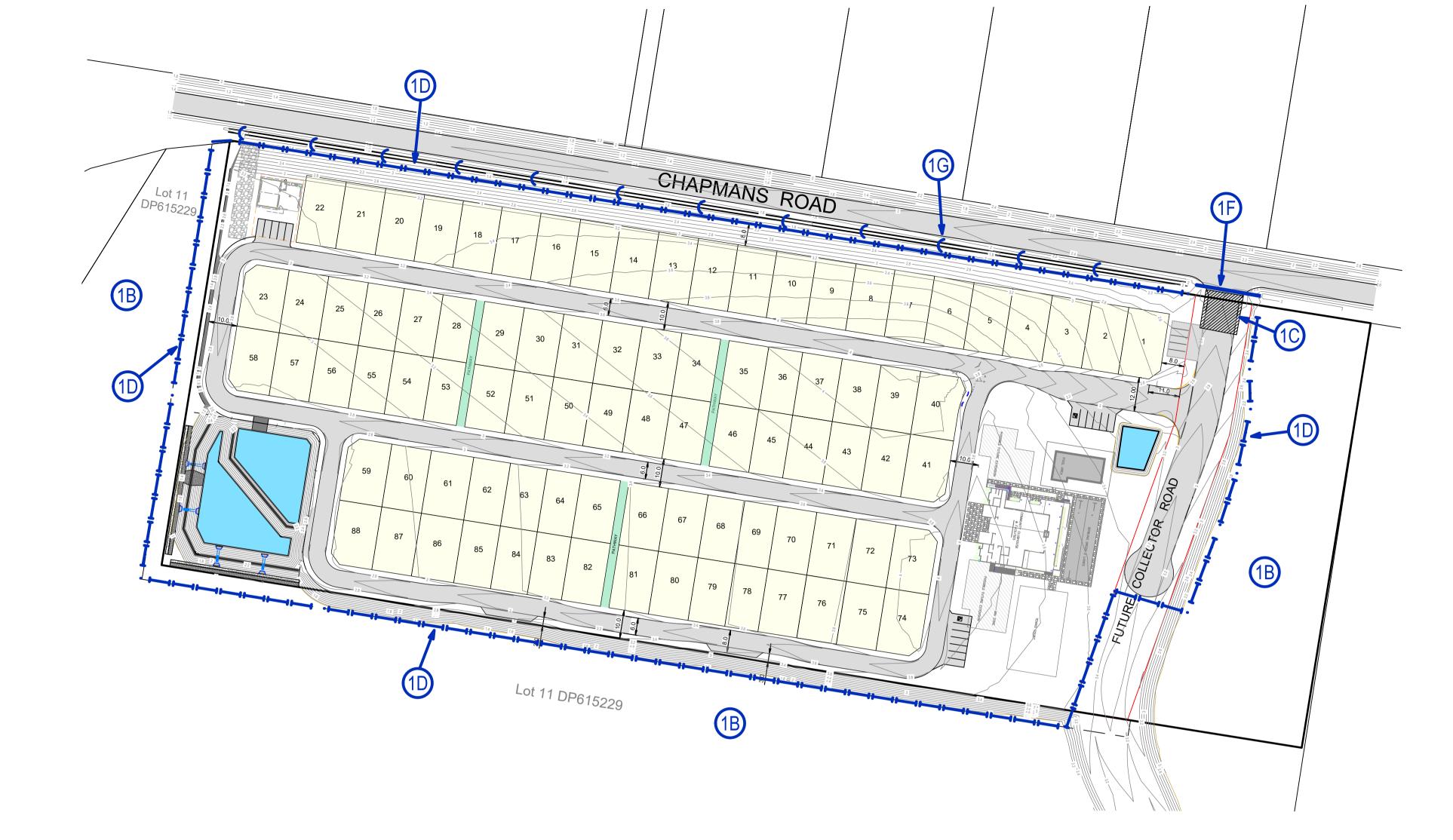
- ENSURE TRENCHING AND BACKFILLING IS CARRIED OUT IN ACCORDANCE WITH UTILITY CONSTRUCTION (SD9-1).
- 3C. TURF STRIPS ARE TO BE **IMMEDIATELY** PLACED SQUARE TO THE CONTOUR ALONG BACKFILLED TRENCHES AT 10m INTERVALS (UNLESS SEWER IS CONSTRUCTED UNDER A PROPOSED ROAD).
- 3D. STABILISE REMAINDER OF EXPOSED AREAS WITH GRASS SEEDING OR OTHERWISE RENDER EROSION RESISTANT AS PER SEDIMENT CONTROL SPECIFICATIONS.

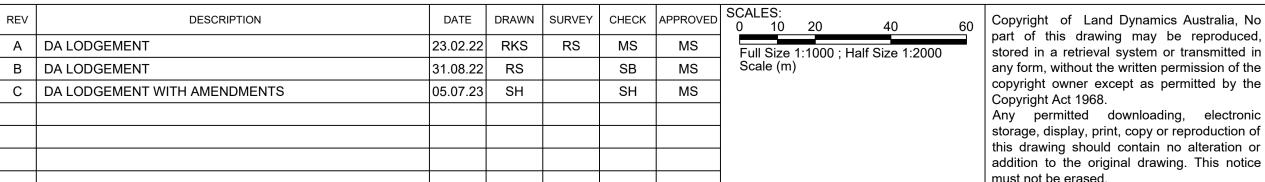
- 4A. UNDERTAKE PIPED DRAINAGE CONSTRUCTION WORKS.
- 4B. ENSURE TRENCHING AND BACKFILLING IS CARRIED OUT IN ACCORDANCE WITH UTILITY CONSTRUCTION (SD9-1).
- 4C. TURF STRIPS ARE TO BE PLACED SQUARE TO THE CONTOUR ALONG BACKFILLED TRENCHES AT 10m INTERVALS (UNLESS DRAINAGE IS CONSTRUCTED UNDER PROPOSED ROAD).
- 4D. IMMEDIATELY CONSTRUCT GEO-FABRIC INLET FILTERS (SD6-12) ON ALL SURFACE INLET PITS (PRIOR TO ROAD FORMATION WORKS).

# PHASE 5

- 5A. UNDERTAKE ROAD CONSTRUCTION WORKS.
- 5B. PLACE MESH & GRAVEL INLET FILTER (SD6-11) AT ENTRY TO ALL ROADSIDE SAG PITS IMMEDIATELY AFTER ROAD FORMATION. FOR PITS ON GRADE GEOTEXTILE "SAUSAGE" ARE TO BE PLACED UPSTREAM OF ENTRY AND TURNED UPSLOPE TO FORM SEDIMENT TRAP (AS PER GLC STD180).
- 5C. ENSURE ALL ROADSIDE DRAINAGE IS DIRECTED INTO ALLOCATED DRAINAGE STRUCTURES.
- 5D. A STRIP OF TURF 0.4m WIDE (SD6-13) TO BE PLACED IMMEDIATELY BEHIND THE EDGE OF ALL NEW KERB IMMEDIATELY AFTER CONSTRUCTION TO ACT AS FILTER STRIP. NOTE THAT THIS IS A REQUIRED SEDIMENT CONTROL AND WILL NOT BE DEFERRED TO FINAL LANDSCAPING OF FOOTPATHS.

- COMPLETE REMAINDER OF ENGINEERING WORKS (WATER & ELECTRICITY
- RETICULATION). 6B. WITHIN 7 DAYS OF COMPLETION OF 6A WORKS, STABILISE ANY REMAINING
- DISTURBED AND EXPOSED AREAS.
- 6C. REMOVE SEDIMENT FROM ALL OTHER EROSION AND SEDIMENT CONTROL STRUCTURES. DISPOSE OF SEDIMENT AT AN APPROVED DEPOSITION SITE.
- UPON ESTABLISHMENT OF ALL DISTURBED AREAS, REMOVE ALL OTHER TEMPORARY EROSION AND SEDIMENT CONTROL STRUCTURES (INCLUDING CONSTRUCTION ACCESS).





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**PRELIMINARY ISSUE** 

40-80 CHAPMANS ROAD, TUNCURRY

MANUFACTURED HOUSING ESTATE LOT 100 DP1286524 CONCEPT SOIL & WATER MANAGEMENT PLAN

ORIGINAL SIZE: LAND DYNAMICS JOB No.: DRAWING No.: 5445

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