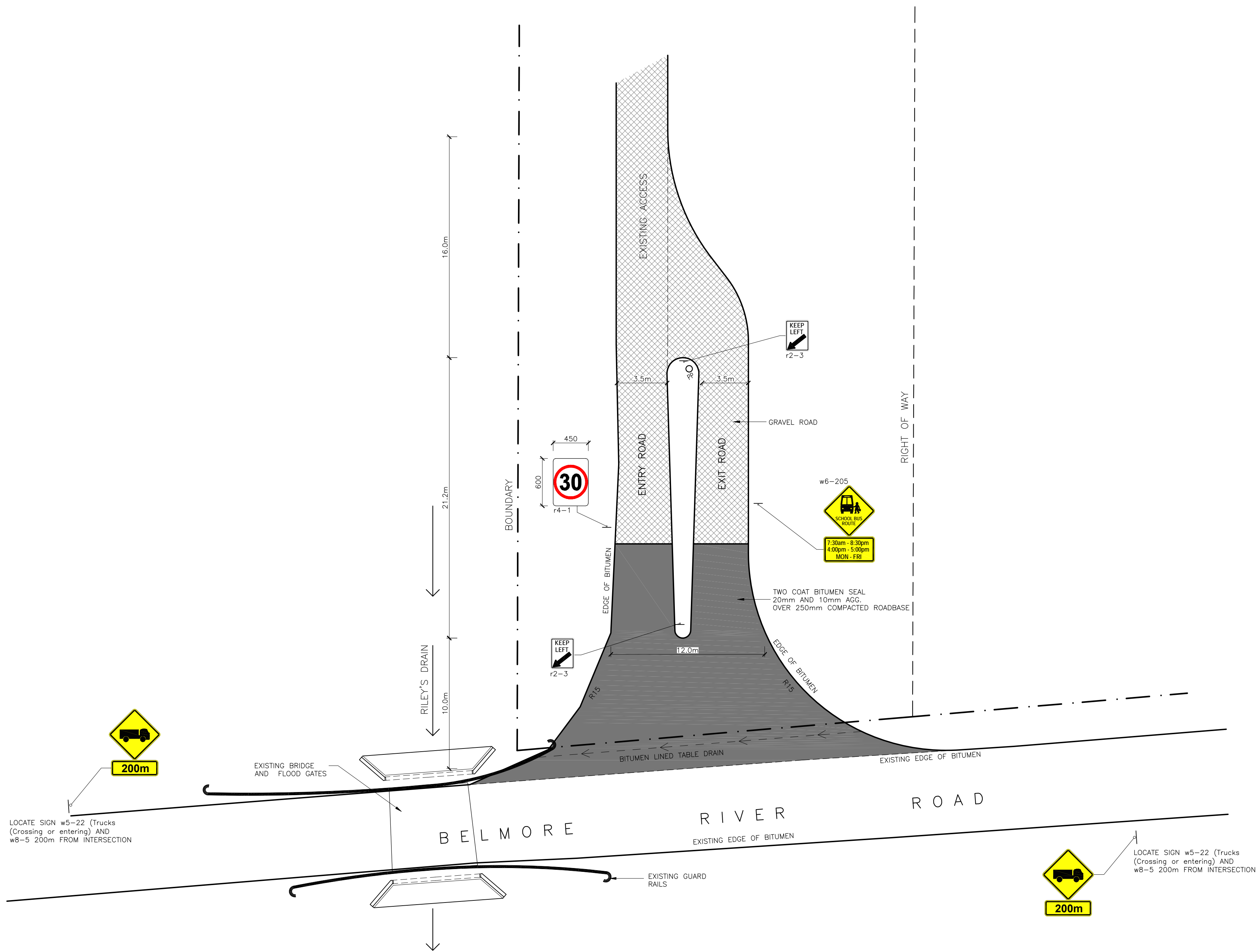
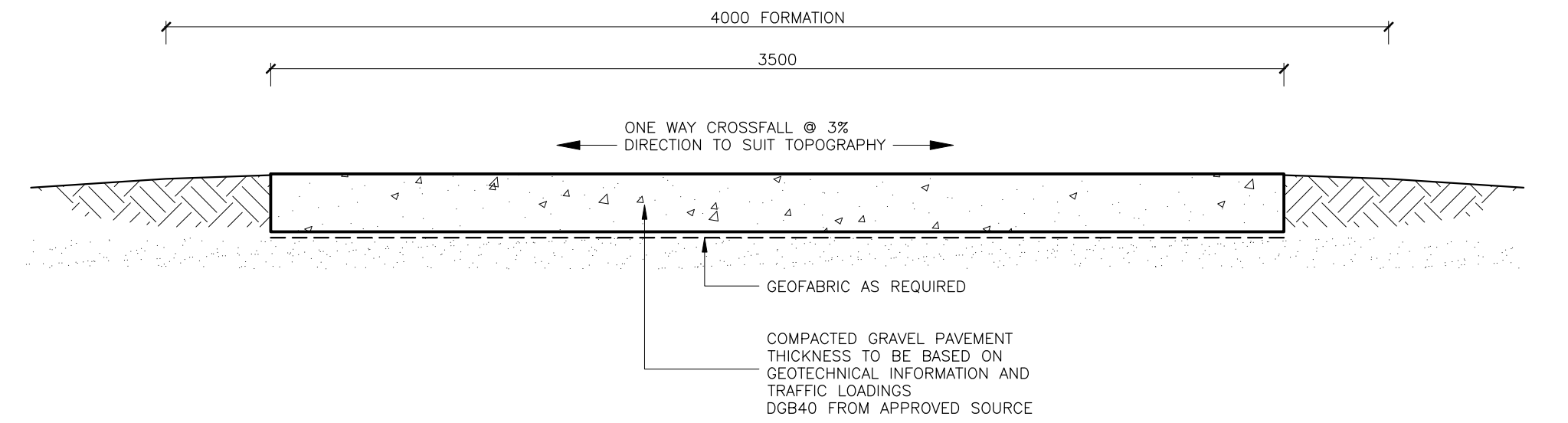


			<b>Notes</b> THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS DO NOT OBTAIN MEASUREMENTS BY SCALING OFF DRAWINGS. USE ONLY WRITTEN DIMENSIONS AND VERIFY WITH THE ARCHITECTURAL PLANS ALL WORK IS TO BE COMPLETED IN ACCORDANCE WITH THE RELEVANT AUSTRALIAN STANDARDS REPORT ANY DISCREPANCIES TO DENNIS PARTNERS BEFORE PROCEEDING THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS ENDORSED "FOR CONSTRUCTION" IN THE AMENDMENT SCHEDULE			project  client  design consultant			PROPOSED SAND QUARRY TO LOT 5 DP1018286 (LOT 1321 DP785874) VIA BELMORE RIVER ROAD KEMPSEY  GRANDIA INVESTMENTS P/L			title  PROPOSED OVERALL PLAN EXISTING CONTOUR PLAN AND TYPICAL SECTION			<div><div>dennis partners</div><div>civil   structural   planning</div></div> <div>73 Belgrave Street, Kempsey PO Box 61, Crescent Head NSW 2440  p. 02 6563 1611 f. 02 6563 1799 m. 0427 631 611 w. www.dennispartners.com.au e. admin@dennispartners.com.au ABN 62 101 949 937</div>			<table><tr><td>scale</td><td>AS SHOWN</td><td>drawn</td><td>TJW</td><td>checked</td><td></td><td>approved</td><td></td><td>revision no.</td><td>A</td></tr><tr><td>sheet size</td><td>A1</td><td>datum</td><td>AHD</td><td>origin of levels</td><td>AMOS &amp; McDONALD SURVEYORS</td><td colspan="3"></td><td></td></tr><tr><td colspan="4">project no.</td><td colspan="2">drawings in set</td><td colspan="4">sheet no.</td></tr><tr><td colspan="4">0749-DP</td><td colspan="2">[04]</td><td colspan="4">01</td></tr></table>			scale	AS SHOWN	drawn	TJW	checked		approved		revision no.	A	sheet size	A1	datum	AHD	origin of levels	AMOS & McDONALD SURVEYORS					project no.				drawings in set		sheet no.				0749-DP				[04]		01			
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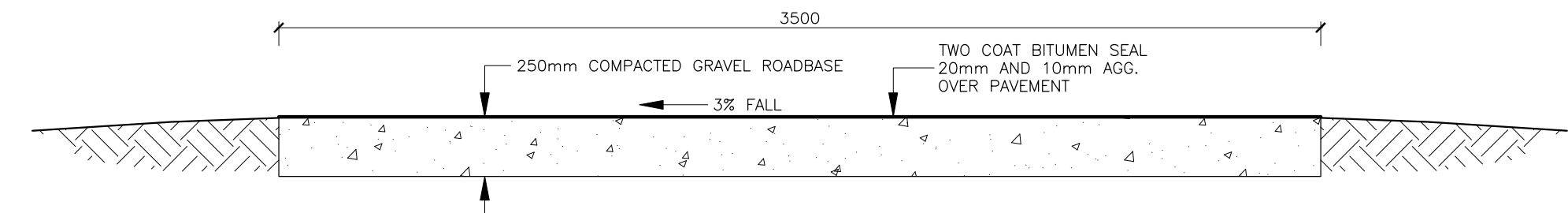




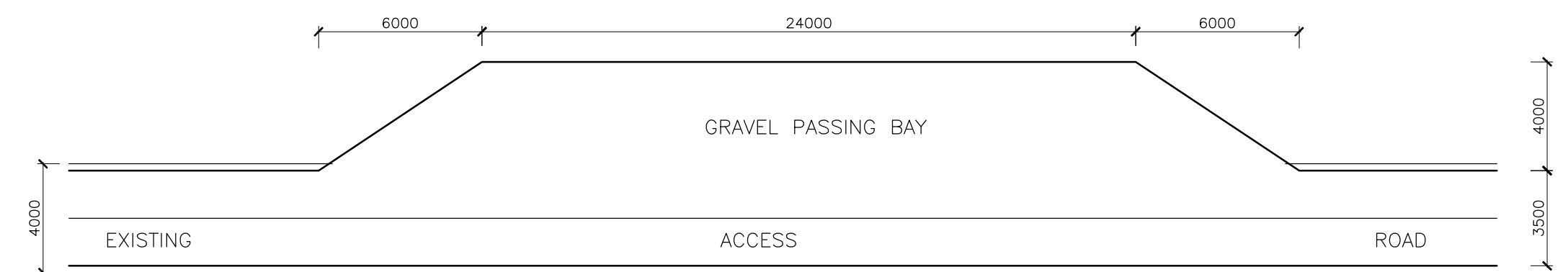
INTERSECTION PLAN  
PRIVATE ACCESS ROAD/BELMORE RIVER ROAD  
SCALE 1:200



TYPICAL GRAVEL ACCESS ROAD CROSS SECTION  
SCALE 1:20



TYPICAL BITUMEN ACCESS ROAD CROSS SECTION AT INTERSECTION  
SCALE 1:20



TYPICAL PASSING BAY DETAIL  
SCALE 1:200

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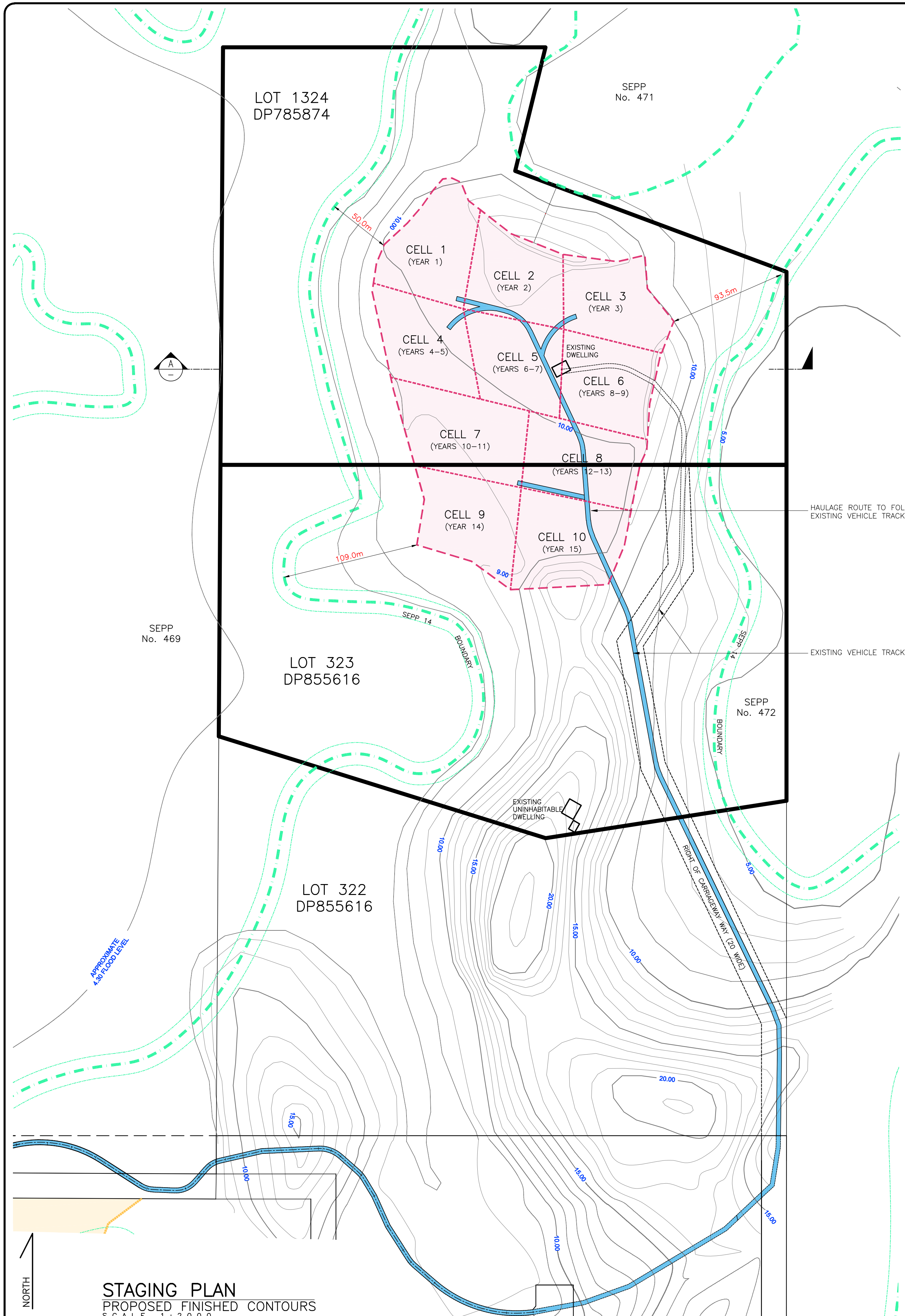
**Notes**  
THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS  
DO NOT OBTAIN MEASUREMENTS BY SCALING OFF DRAWINGS. USE ONLY WRITTEN DIMENSIONS AND VERIFY WITH THE ARCHITECTURAL PLANS  
ALL WORK IS TO BE COMPLETED IN ACCORDANCE WITH THE RELEVANT AUSTRALIAN STANDARDS  
REPORT ANY DISCREPANCIES TO DENNIS PARTNERS BEFORE PROCEEDING  
THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS ENDORSED "FOR CONSTRUCTION" IN THE AMENDMENT SCHEDULE

project	PROPOSED SAND QUARRY TO LOT 5 DP1018286 (LOT 1321 DP785874) VIA BELMORE RIVER ROAD KEMPSEY
client	GRANDIA INVESTMENTS P/L
design consultant	

title	PROPOSED ACCESS PLAN
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dennis partners civil   structural   planning	73 Belgrave Street, Kempsey PO Box 61, Crescent Head NSW 2440 p. 02 6563 1611 f. 02 6563 1799 m. 0427 631 611 w. www.dennispartners.com.au e. admin@dennispartners.com.au ABN 62 101 949 937	scale AS SHOWN sheet size A1 datum AHD origin of levels AMOS & McDONALD SURVEYORS project no. 0749-DP drawings in set [04] revision no. A sheet no. 02
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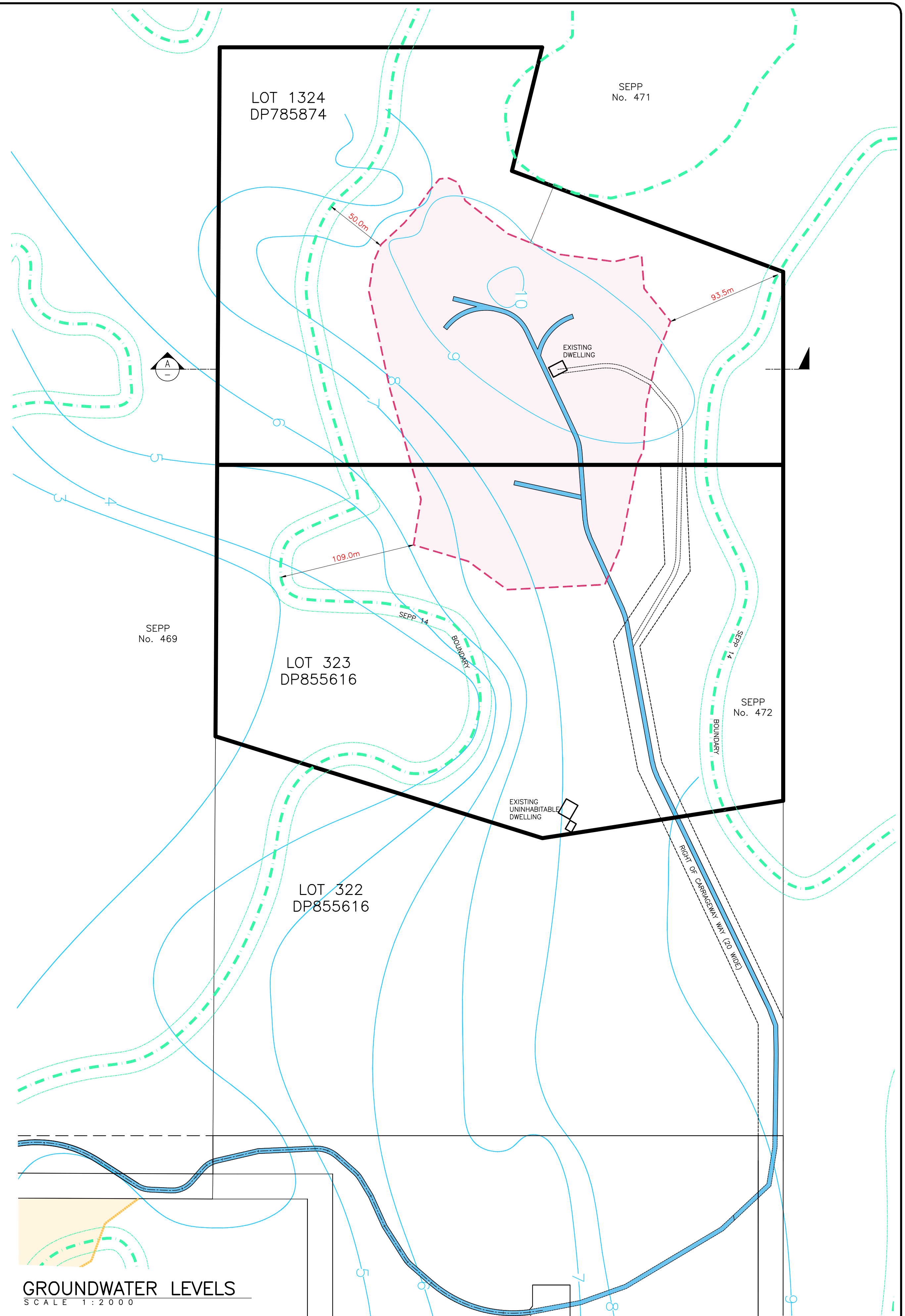




- NOTE:
- 50m BUFFER BETWEEN SEPP14 WETLAND BOUNDARY AND MAXIMUM DEPTH OF EXTRACTION
  - 1m BUFFER BETWEEN GROUND WATER LEVEL AND MAXIMUM DEPTH OF EXTRACTION
  - WORKING FACE/DISTURBED AREA UP TO 5000m<sup>2</sup>
  - PROPOSED EXCAVATION 20000m<sup>3</sup>/YEAR

LEGEND

- APPROXIMATE MINING AREA (APPROX. 340,000m<sup>2</sup>)
- EXISTING SAND QUARRY (WALKER)
- GROUND WATER LEVEL
- SEPP 14 BOUNDARY
- STABILISED ACCESS ROAD/HAULAGE ROUTE



GROUNDWATER LEVELS  
SCALE 1:2000

A	DA Application	21/05/15
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Notes

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DO NOT OBTAIN MEASUREMENTS BY SCALING OFF DRAWINGS. USE ONLY WRITTEN DIMENSIONS AND VERIFY WITH THE ARCHITECTURAL PLANS

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REPORT ANY DISCREPANCIES TO DENNIS PARTNERS BEFORE PROCEEDING

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project	PROPOSED SAND QUARRY TO LOT 5 DP1018286 (LOT 1321 DP785874) VIA BELMORE RIVER ROAD KEMPSEY
client	GRANDIA INVESTMENTS P/L
design consultant	

title	PROPOSED STAGING PLAN WITH FINISHED CONTOURS AND EXISTING GROUNDWATER LEVELS
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dennis partners

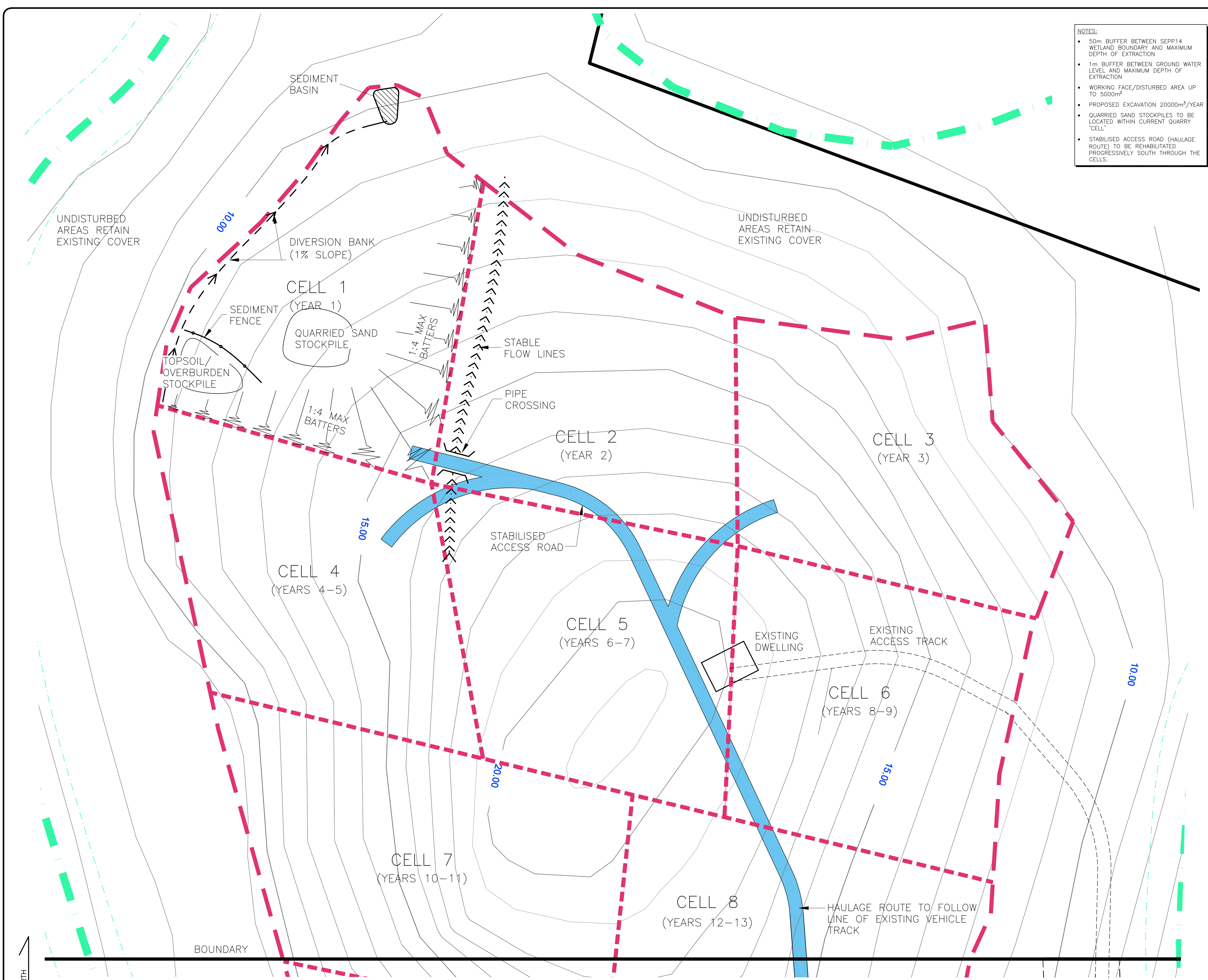
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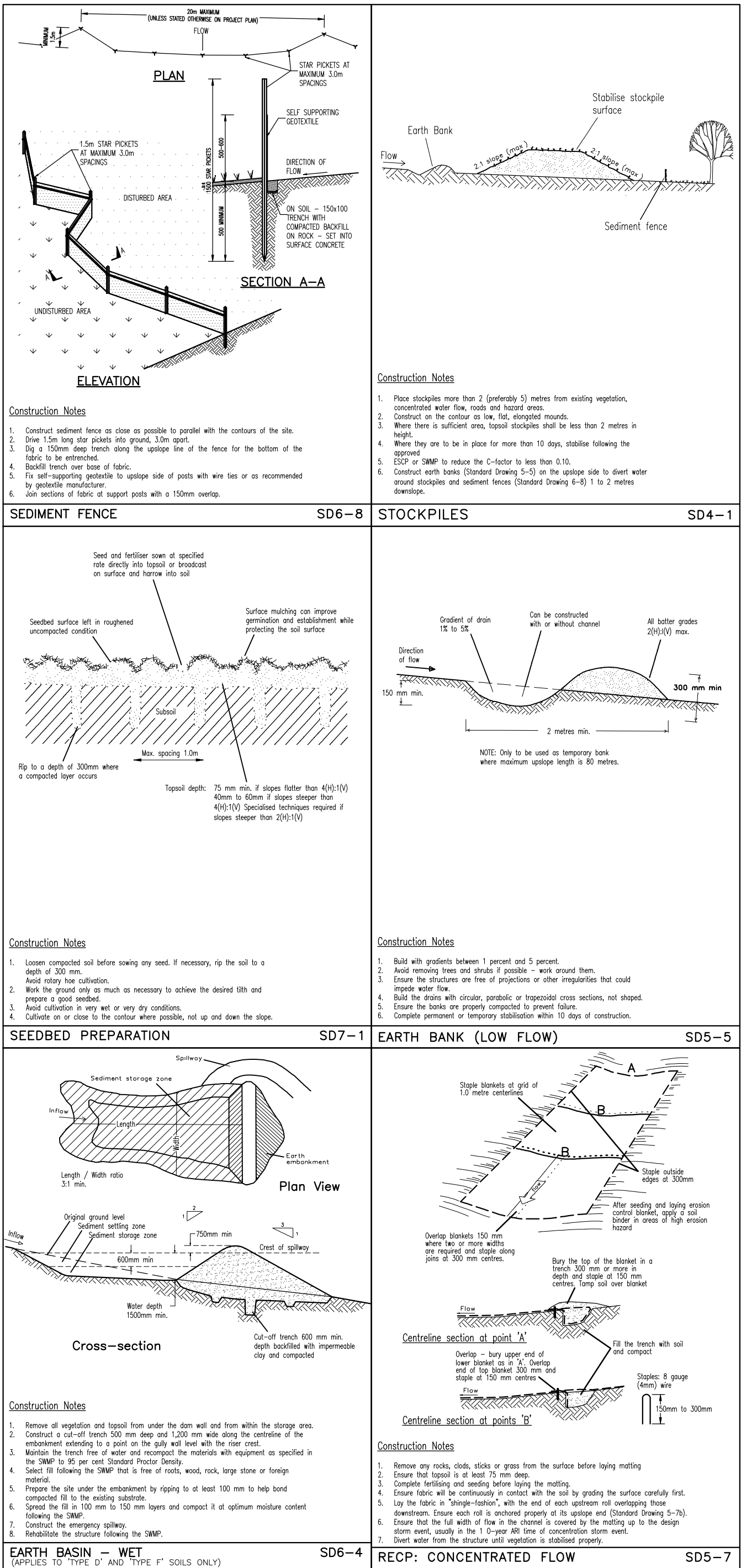
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e. admin@dennispartners.com.au  
ABN 62 101 949 937

scale 1:2000	drawn TJW	checked	approved	revision no. A
sheet size A1	datum AHD	origin of levels AMOS & McDONALD SURVEYORS	project no. 0749-DP	drawings in set [04]
				sheet no. 03





- NOTES:**
- 50m BUFFER BETWEEN SEPP14 WETLAND BOUNDARY AND MAXIMUM DEPTH OF EXTRACTION
  - 1m BUFFER BETWEEN GROUND WATER LEVEL AND MAXIMUM DEPTH OF EXTRACTION
  - WORKING FACE/DISTURBED AREA UP TO 5000m<sup>2</sup>
  - PROPOSED EXCAVATION 20000m<sup>3</sup>/YEAR
  - QUARRIED SAND STOCKPILES TO BE LOCATED WITHIN CURRENT QUARRY 'CELL'
  - STABILISED ACCESS ROAD (HAULAGE ROUTE) TO BE REHABILITATED PROGRESSIVELY SOUTH THROUGH THE CELLS.



- NOTES:**
1. STRIP AND STOCKPILE EXISTING TOPSOIL IN DISTURBED AREAS PRIOR TO THE COMMENCEMENT OF EARTHWORKS.
  2. REGRADE, RESTORE AND SPREAD TOPSOIL TO ELIMINATE PONDING OF SURFACE WATERS.
  3. STOCKPILED TOPSOIL AND IMPORTED TOPSOIL TO BE RE-SPREAD SO AS TO PROVIDE A MINIMUM THICKNESS OF 80mm OVER THE DISTURBED AREAS OF THE ALLOTMENTS, FOOTPATHS AND PUBLIC RESERVES UPON COMPLETION OF DEVELOPMENT CONSTRUCTION WORKS.

