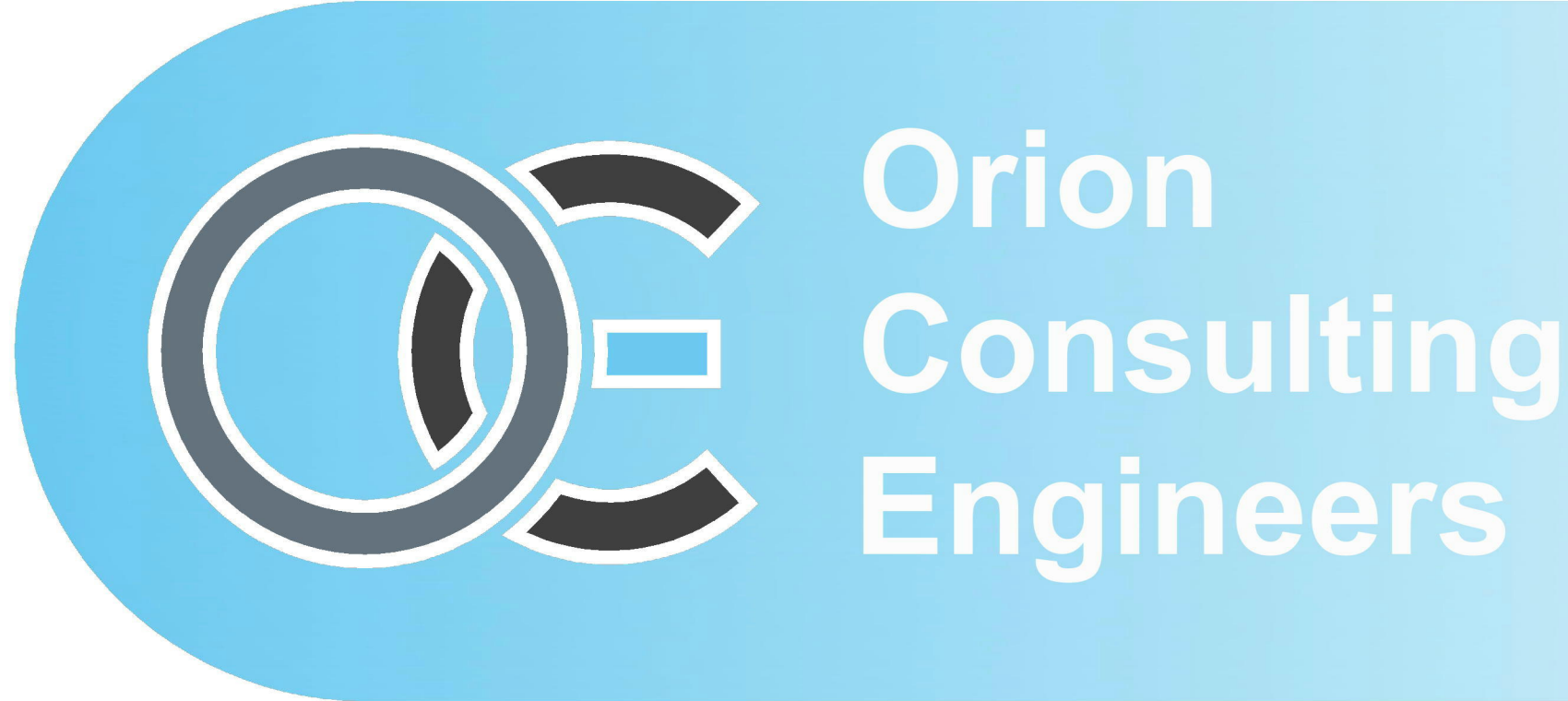


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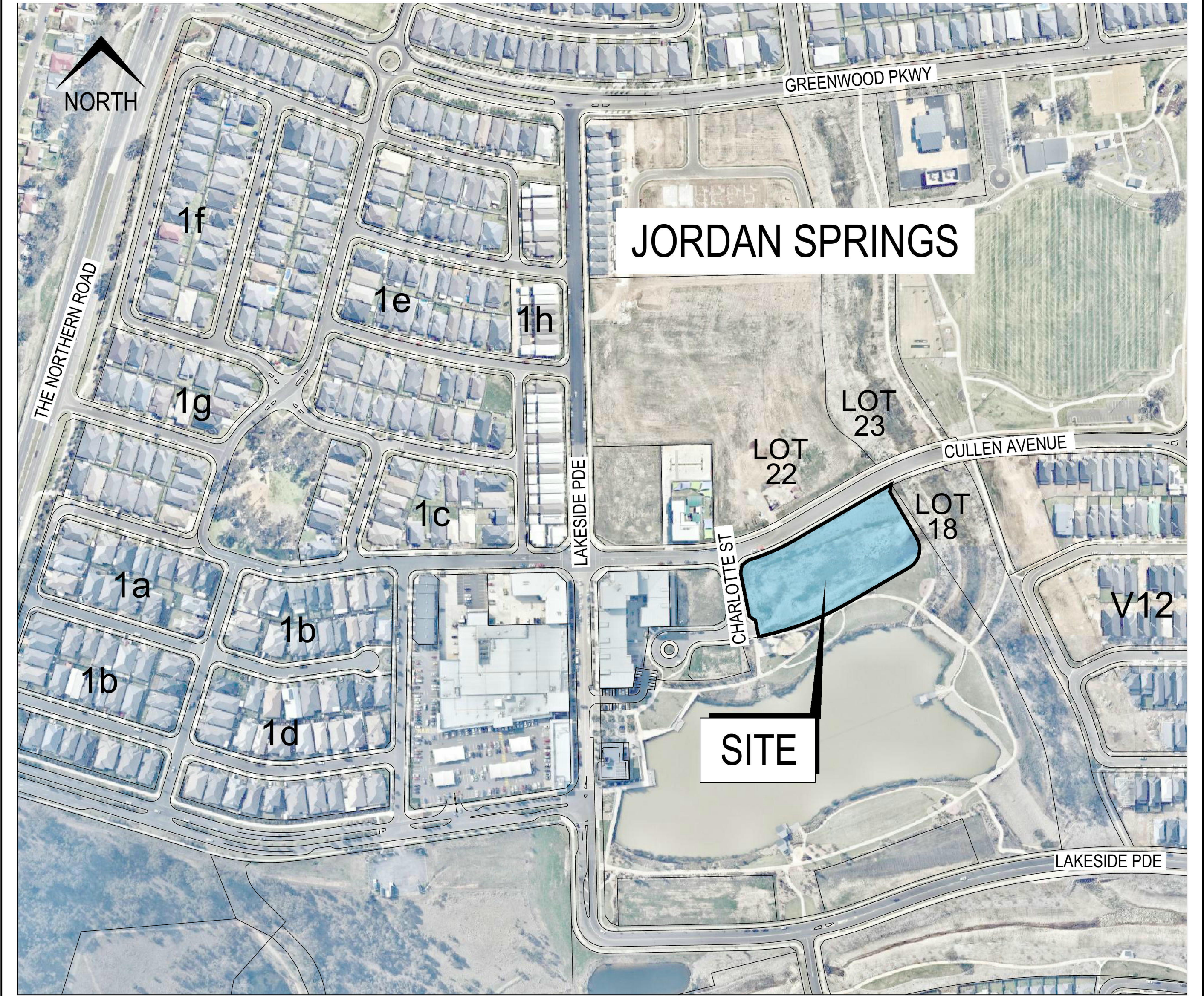
Council Ref.....



Prepared for:



Sheet List Table		
Sheet Number	Sheet Title	REV
SET PRELIMINARIES		
BEW00	COVER SHEET	A
BEW01	SITE REGRADING PLAN	A
BEW02	SITE REGRADING SECTIONS	A
SEDIMENT & EROSION CONTROL		
BEW03	SEDIMENT AND EROSION CONTROL PLAN	A
BEW04	SEDIMENT AND EROSION CONTROL NOTES	A



SITE / LOCATION (Image courtesy of Nearmap 13/10/16)
LOCAL GOVERNMENT AREA (LGA)

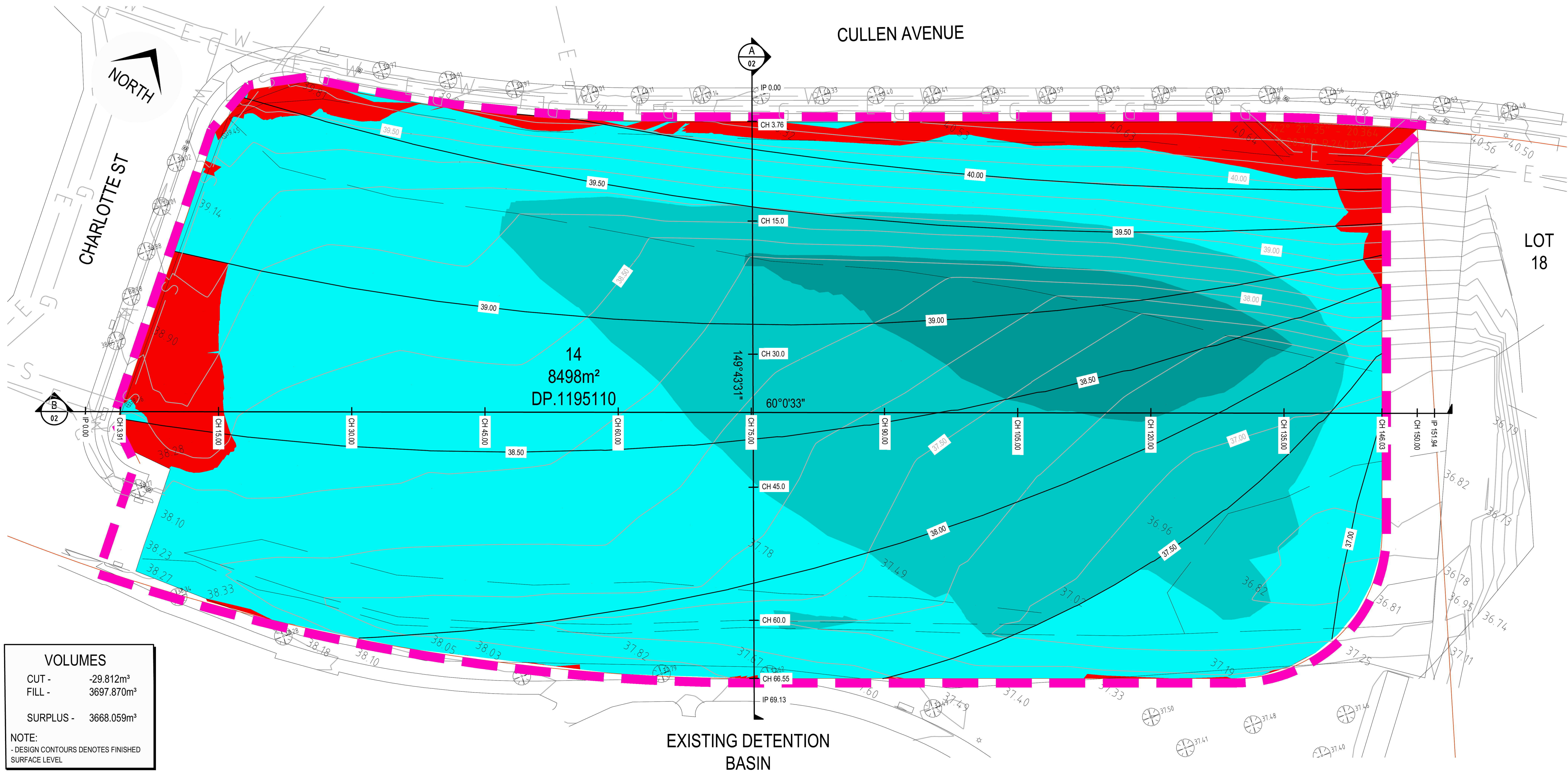
LOT 14, D.P. 1195110



JORDAN SPRINGS - VC8

BULK EARTHWORKS

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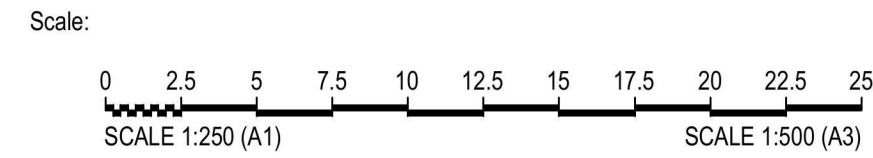


VOLUMES	
CUT -	-29.812m³
FILL -	3697.870m³
SURPLUS -	3668.059m³
NOTE:	
- DESIGN CONTOURS DENOTES FINISHED SURFACE LEVEL	

LEGEND				APPROXIMATE EXTENT OF FILL	
	EXISTING	PROPOSED	FUTURE		
UTILITY - ELECTRICITY				0.0 - 1.0m	
GAS				1.0 - 2.0m	
SEWER				2.0 - 3.0m	
TELECOMS				3.0 - 4.0m	
WATER				4.0 - 5.0m	
CONTOUR LINE & LABEL				> 5.0m	
LOT NUMBER & BOUNDARY					
APPROXIMATE LIMIT OF WORKS OR STAGE					
ROAD, NUMBER, CONTROL LINE, CHAINAGE & CHAINAGE MARK					
RETAINING WALL					
BATTER					
TREE - TO BE RETAINED OR TO BE REMOVED					
				APPROXIMATE EXTENT OF CUT	
				0.0 - 1.0m	
				1.0 - 2.0m	
				2.0 - 3.0m	
				3.0 - 4.0m	
				4.0 - 5.0m	
				> 5.0m	

APPROXIMATE EXTENT OF FILL	
0.0 - 1.0m	[Color]
1.0 - 2.0m	[Color]
2.0 - 3.0m	[Color]
3.0 - 4.0m	[Color]
4.0 - 5.0m	[Color]
> 5.0m	[Color]
APPROXIMATE EXTENT OF CUT	
0.0 - 1.0m	[Color]
1.0 - 2.0m	[Color]
2.0 - 3.0m	[Color]
3.0 - 4.0m	[Color]
4.0 - 5.0m	[Color]
> 5.0m	[Color]

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For:



By:

Orion Consulting Engineers

ABN: 25 604 069 981 PO Box 266, BAULKHAM HILLS NSW 1755 T: 0425 457 704 E: info@orionconsulting.com

CONSULT AUSTRALIA
Member Firm

Project:

JORDAN SPRINGS
VC8
BULK EARTHWORKS

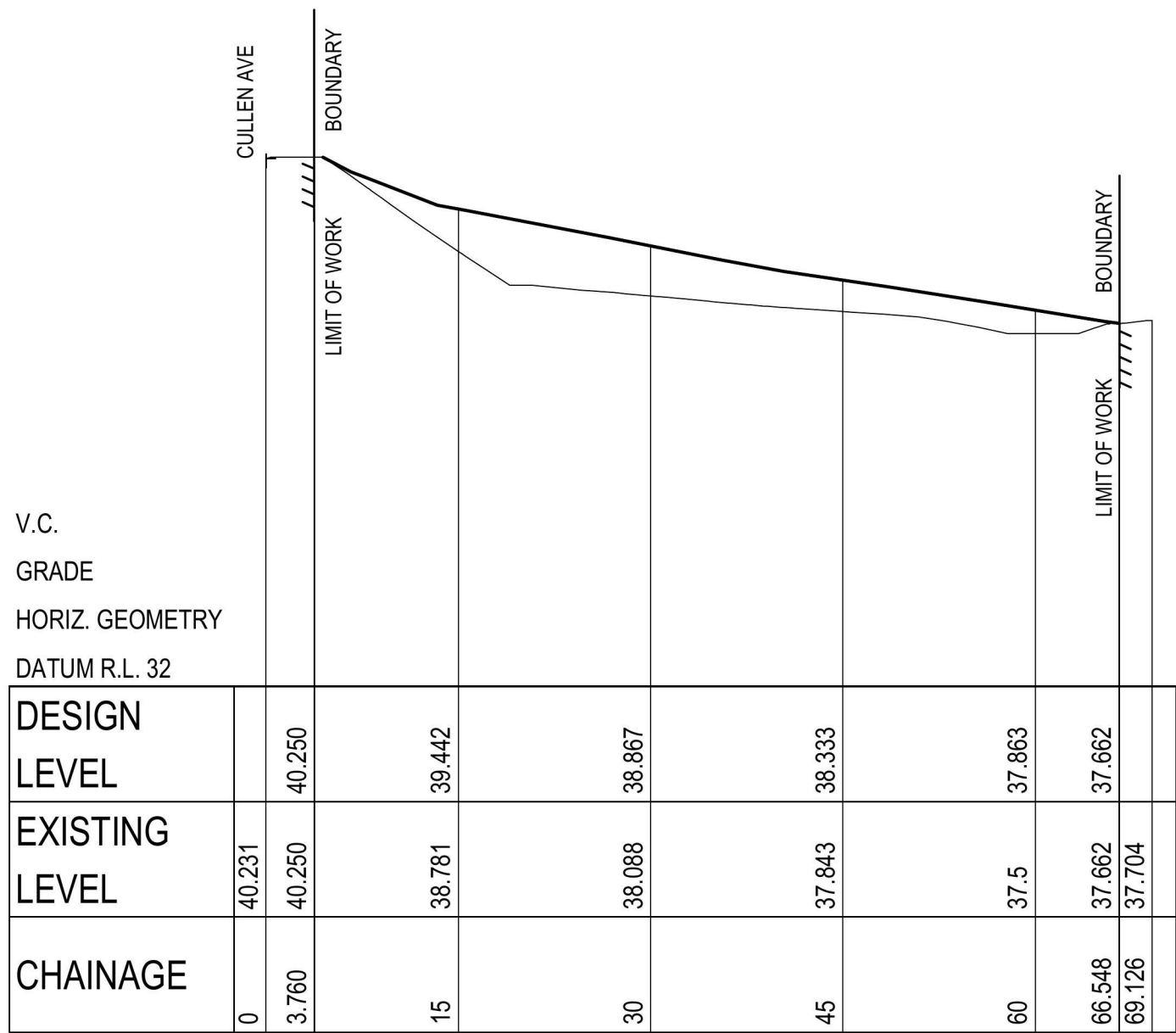
Title:

SITE REGRADING
PLAN

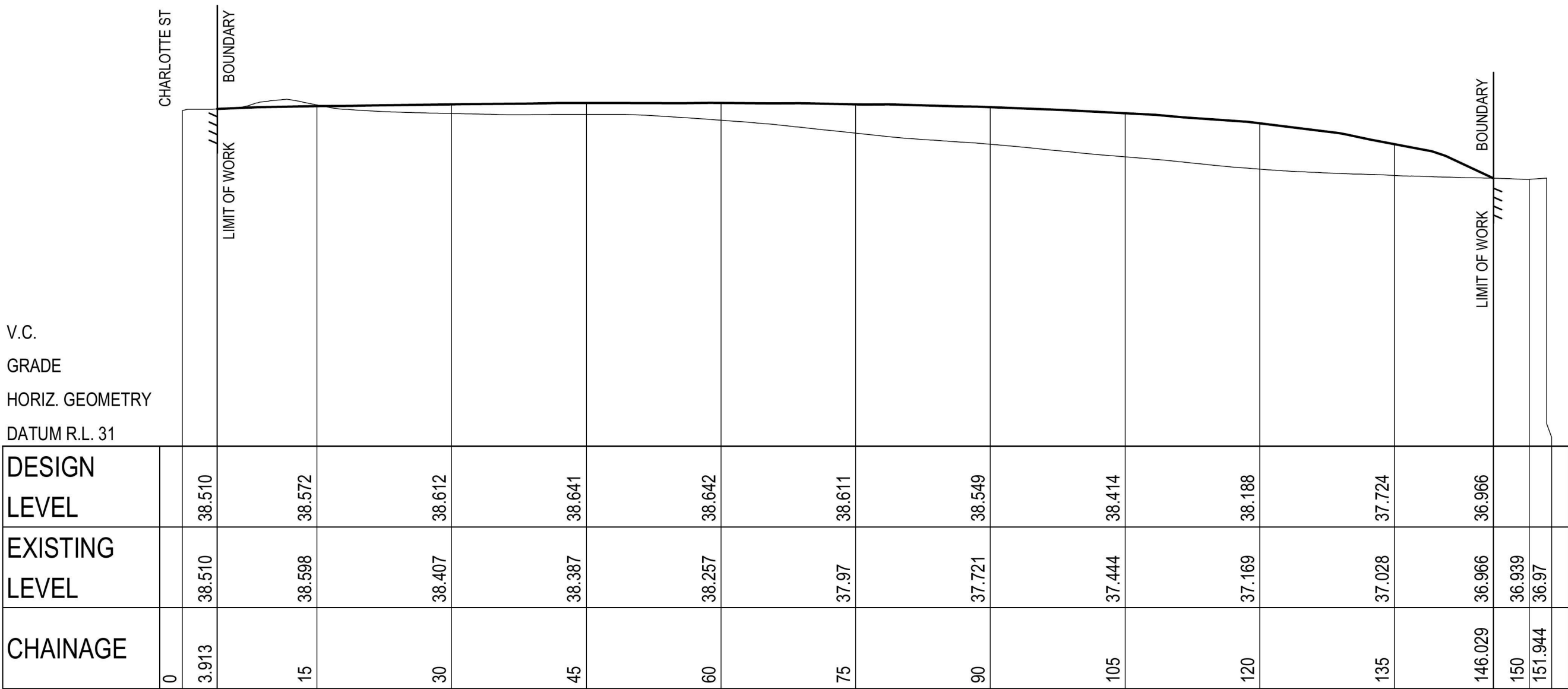
Project No.

16-63
Plan
BEW01
Revision
A

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SITE SECTION A
SCALE: 1:500 (H)
SCALE: 1:100 (V)

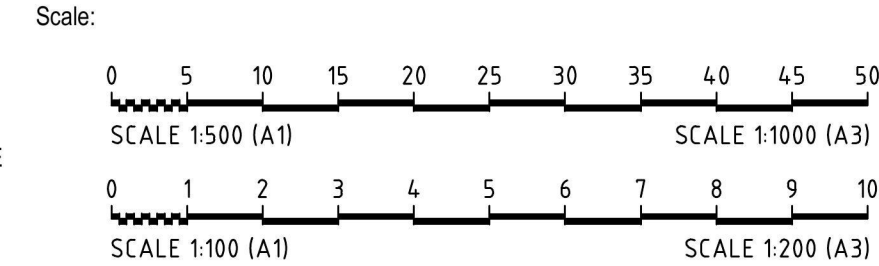


SITE SECTION B
SCALE: 1:500 (H)
SCALE: 1:100 (V)

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Revision	Drawn	Design	Appd.	Date	Revision Description
A	BT	BM	BM	17/10/16	ISSUED FOR DEVELOPMENT APPLICATION
First Issue	BT	BM	BM	17/10/16	

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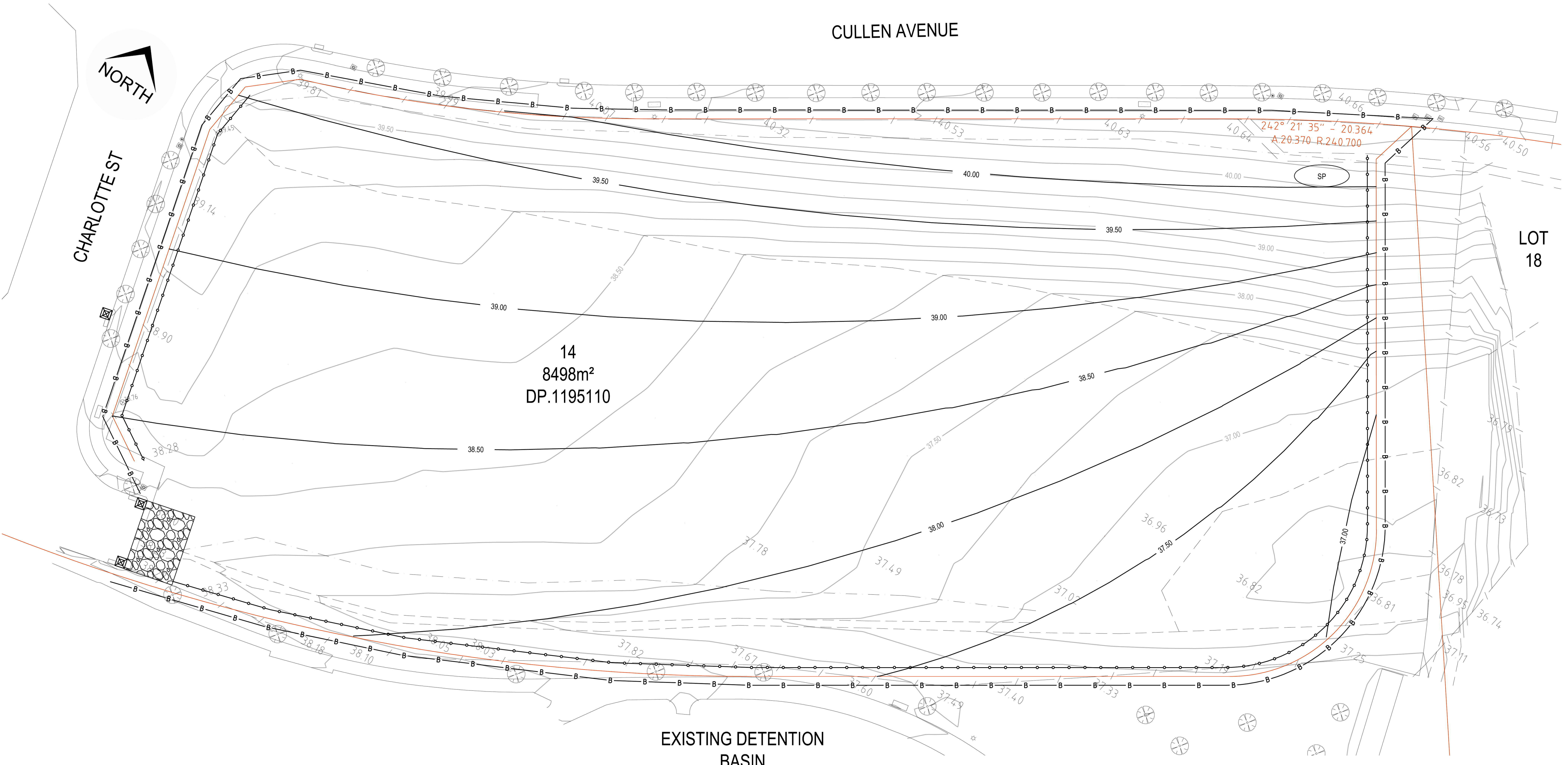
JORDAN SPRINGS
VC8
BULK EARTHWORKS

Title:

SITE REGRADING
SECTIONS

Project No.
16-63
Plan
BEW02
Revision
A

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LEGEND

CONTOURS (EXISTING & FINISHED SURFACE)

STABILISED SITE ACCESS

POSSIBLE STOCKPILE LOCATION

SITE SECURITY FENCE

SEDIMENT FENCE

PIT INLET FILTER (GEOTEXTILE OR MESH & GRAVEL)

10.0

20.0

SP

B

B

B

+

+

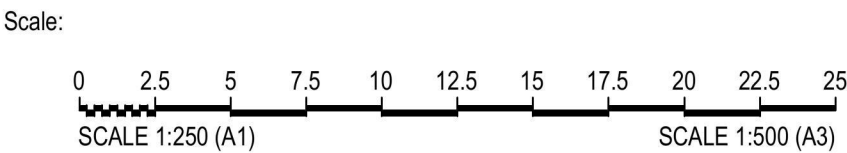
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Project:

JORDAN SPRINGS
VC8
BULK EARTHWORKS

Title:

SEDIMENT AND
EROSION CONTROL
PLAN

Project No.

16-63
Plan
BEW03
Revision
A

ISSUED FOR **DEVELOPMENT APPLICATION**
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ALL EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING REVEGETATION AND STORAGE OF SOIL AND TOPSOIL, SHALL BE IMPLEMENTED TO THE REQUIREMENTS OF THE "ENVIRONMENT PROTECTION AUTHORITY" AND "DEPT OF LAND AND WATER CONSERVATION". MEASURES OUTLINED IN THE SEDIMENT & EROSION CONTROL PLAN MUST BE IMPLEMENTED PRIOR TO AND MAINTAINED DURING AND AFTER THE CONSTRUCTION WORKS.

TOPSOIL FROM ALL AREAS TO BE DISTURBED SHALL BE STOCKPILED AND LATER RESPREAD TO AID REVEGETATION IN THOSE AREAS.

ALL DRAINAGE WORKS SHALL BE CONSTRUCTED AND STABILIZED AS EARLY AS POSSIBLE DURING DEVELOPMENT.

ALL TAIL-OUT DRAINS SHALL BE GRASSED AND TRAPEZOIDAL IN SECTION. STRAW BALES SHALL BE PLACED AS A SEDIMENT CONTROL DEVICE WHERE REQUIRED.

VEHICULAR TRAFFIC SHALL BE CONTROLLED DURING DEVELOPMENT CONFINING ACCESS WHERE POSSIBLE TO PROPOSED OR EXISTING ROAD ALIGNMENTS. AREAS TO BE LEFT UNDISTURBED SHALL BE MARKED OFF.

DISTURBANCE OF VEGETATION SHALL BE LIMITED TO FILL AREAS, ROADWAYS AND DRAINAGE LINES. NO LOT GRADING SHALL BE CARRIED OUT IN UNDISTURBED AREAS WITHOUT CONSULTATION WITH COUNCIL'S ENGINEER.

ALL DISTURBED AREAS SHALL BE REVEGETATED WITHIN 14 WORKING DAYS FROM THE CONCLUSION OF LAND SHAPING.

MINIMISE DUST BY WATERING WHEN REQUIRED.

SPoil and TOPSOil STOCKPILES SHALL BE LOCATED AWAY FROM DRAINAGE LINES AND AREAS WHERE WATER MAY CONCENTRATE.

IF STOCKPILES ARE TO BE IN PLACE FOR LONGER THAN 14 DAYS THEN THEY SHALL BE STABILIZED BY COVERING WITH A MULCH OR WITH TEMPORARY VEGETATION.

FOLLOWING CONSTRUCTION, TOPSOIL SHALL BE RESPREAD TO A MINIMUM DEPTH OF 100mm ON THE BARE SOIL SURFACES AND REVEGETATE.

ALL STOCKPILES TO BE (MAX) 2m high AND PROTECTED WITH SILT FENCE.

LOCATION AND EXTENT OF SOIL AND WATER MANAGEMENT DEVICES IS DIAGRAMMATIC ONLY AND THE ACTUAL REQUIREMENTS SHALL BE CONFIRMED ON SITE.

THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE GUIDELINES SET OUT IN "MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION " 4TH EDITION AND THE ACCOMPANYING ROAD AND DRAINAGE PLANS.

CONFORMITY WITH THIS PLAN SHALL IN NO WAY REDUCE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AGAINST WATER DAMAGE DURING THE COURSE OF THE CONTRACT.

MANAGEMENT DEVICES SHALL BE MAINTAINED ON A REGULAR BASIS. WHERE CLEANING IS REQUIRED, THE SEDIMENT SHALL BE REMOVED TO A POINT NOMINATED BY THE ENGINEER.

PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS, AND AFTER THE ROAD CENTRELINES HAVE BEEN PEGGED AND/OR PERMANENTLY MARKED, THE SITE MUST BE INSPECTED BY COUNCIL'S REPRESENTATIVE AND THE APPLICANT'S REPRESENTATIVE TO IDENTIFY AND APPROPRIATELY MARK:-

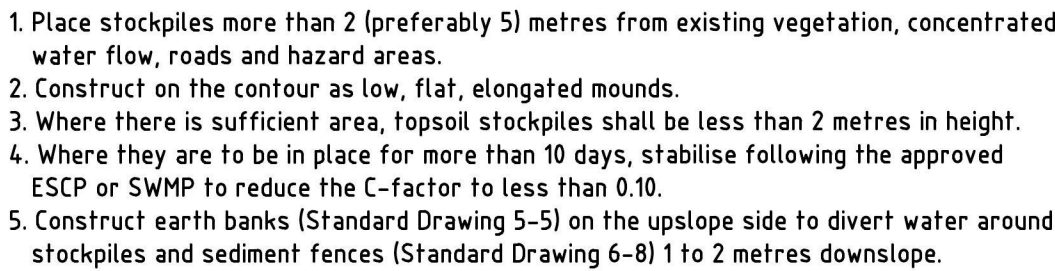
- a) THE TREES TO BE RETAINED.
- b) ALL TREES TO BE LEFT UNDISTURBED AND TO BE CORDONED OFF.

NO TREES SHALL BE REMOVED WITHOUT COUNCIL'S CLEARANCE.

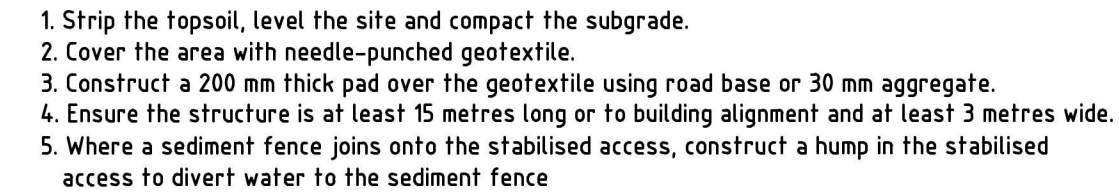
MANAGEMENT DEVICES TO REMAIN UNTIL THE END OF THE MAINTENANCE PERIOD.

ALL STRAW BALES SHALL BE BOUND WITH WIRE. STRAW BALES SHALL BE PLACED END TO END IN A SINGLE ROW AND EMBEDDED INTO THE SOIL TO A DEPTH OF 100mm. EACH BALE SHALL BE SECURELY ANCHORED WITH TWO STEEL STAKES DRIVEN 450mm INTO THE GROUND AND LOCATED ON THE BALE CENTRE LINE.

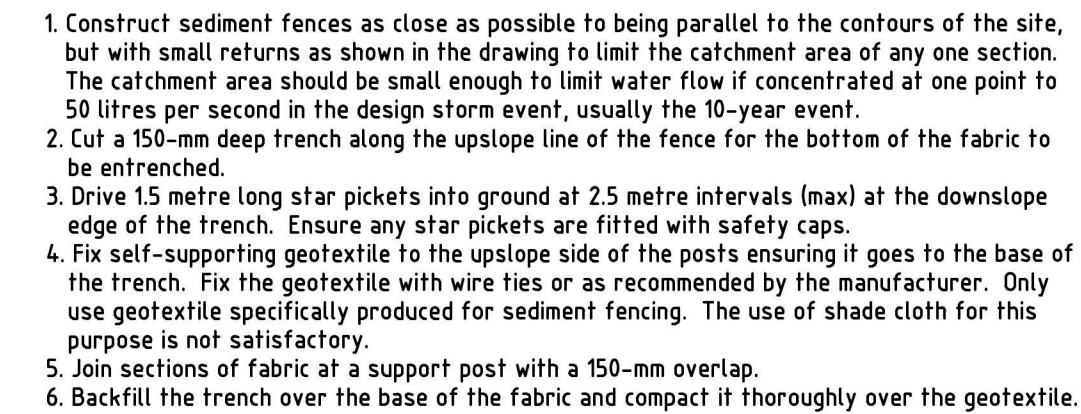
SILT FENCES SHALL BE CONSTRUCTED BY STRETCHING A FILTER FABRIC (PROPEX OR SIMILAR) BETWEEN POSTS AT 2m (3m MAX) CENTRES. FABRIC SHALL BE BURIED 150mm ALONG ITS LOWER EDGE.



SD 4-1



SD 6-14

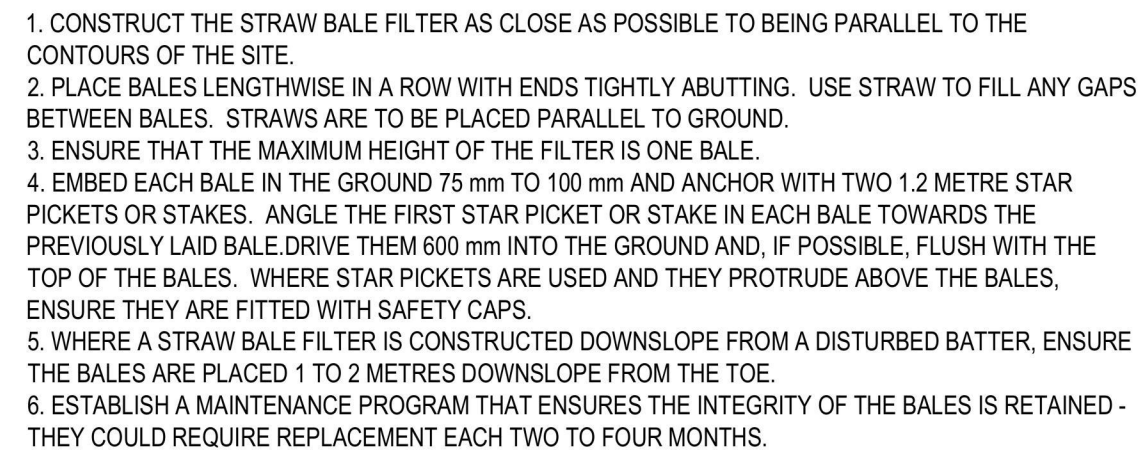


SD 6-8

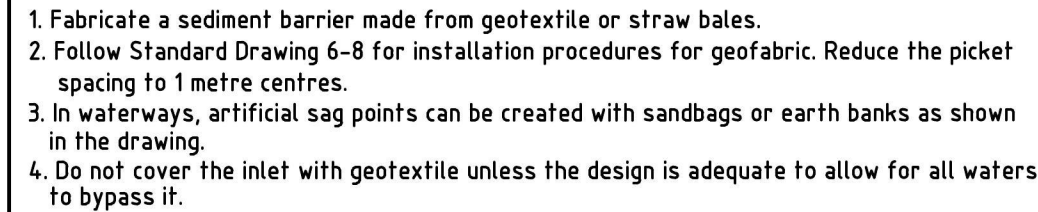


1. Install filters to kerb inlets only at sag points.
2. Fabricate a sleeve made from geotextile or wire mesh longer than the length of the inlet pit and fill it with 25 mm to 50 mm gravel.
3. Form an elliptical cross-section about 150 mm high x 400 mm wide.
4. Place the filter at the opening leaving at least a 100-mm space between it and the kerb.
5. Seal the opening with space blocks.
6. Form a seal with the kerb to prevent sediment bypassing the filter.
7. Sandbags filled with gravel can substitute for the mesh or geotextile providing they are placed so that they firmly abut each other and sediment-laden waters cannot pass between.

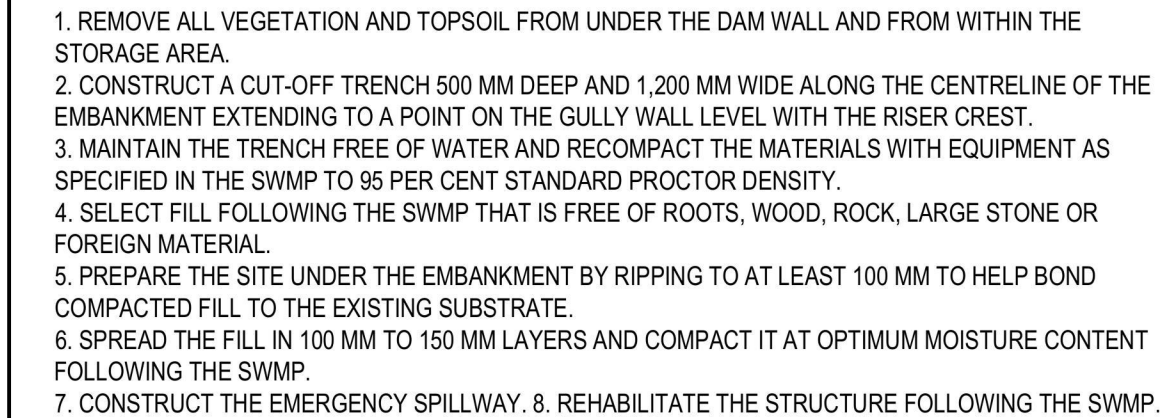
SD 6-11



SD 6-7



SD 6-12



SD 6-4

Revision						
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SEDIMENT AND EROSION CONTROL NOTES

A