

PENRITH CITY COUNCIL



CRANEBOOK WEST DEVELOPMENT APPLICATION PROPOSED LOT, ROAD AND DRAINAGE WORKS



LOCALITY SKETCH

Prepared By:

J. WYNDHAM PRINCE

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ISSUED FOR DA APPROVAL
NOT FOR CONSTRUCTION

PLAN No.
9600/DA20

B

FILE No. 9600DA20

DRAINAGE LAYOUT INDICATIVE ONLY, FINAL PIT AND PIPE LOCATIONS ARE SUBJECT TO DETAIL DESIGN.

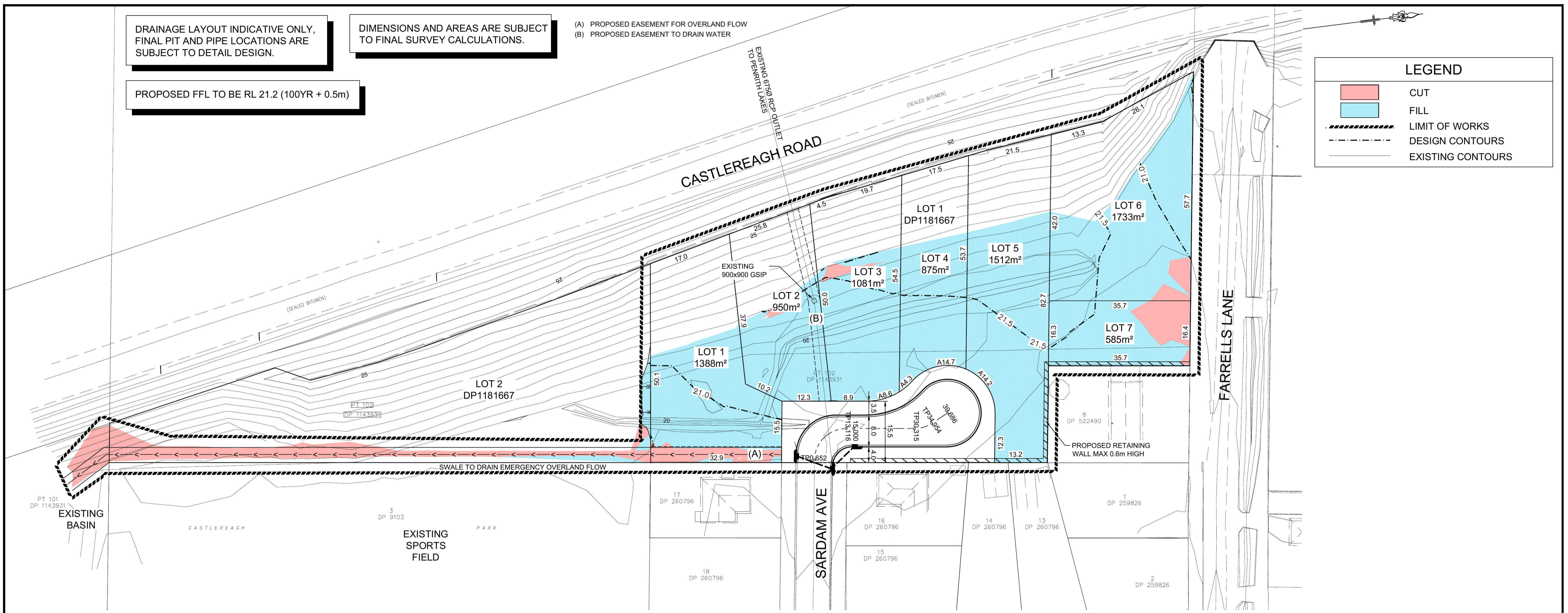
DIMENSIONS AND AREAS ARE SUBJECT TO FINAL SURVEY CALCULATIONS.

(A) PROPOSED EASEMENT FOR OVERLAND FLOW
(B) PROPOSED EASEMENT TO DRAIN WATER

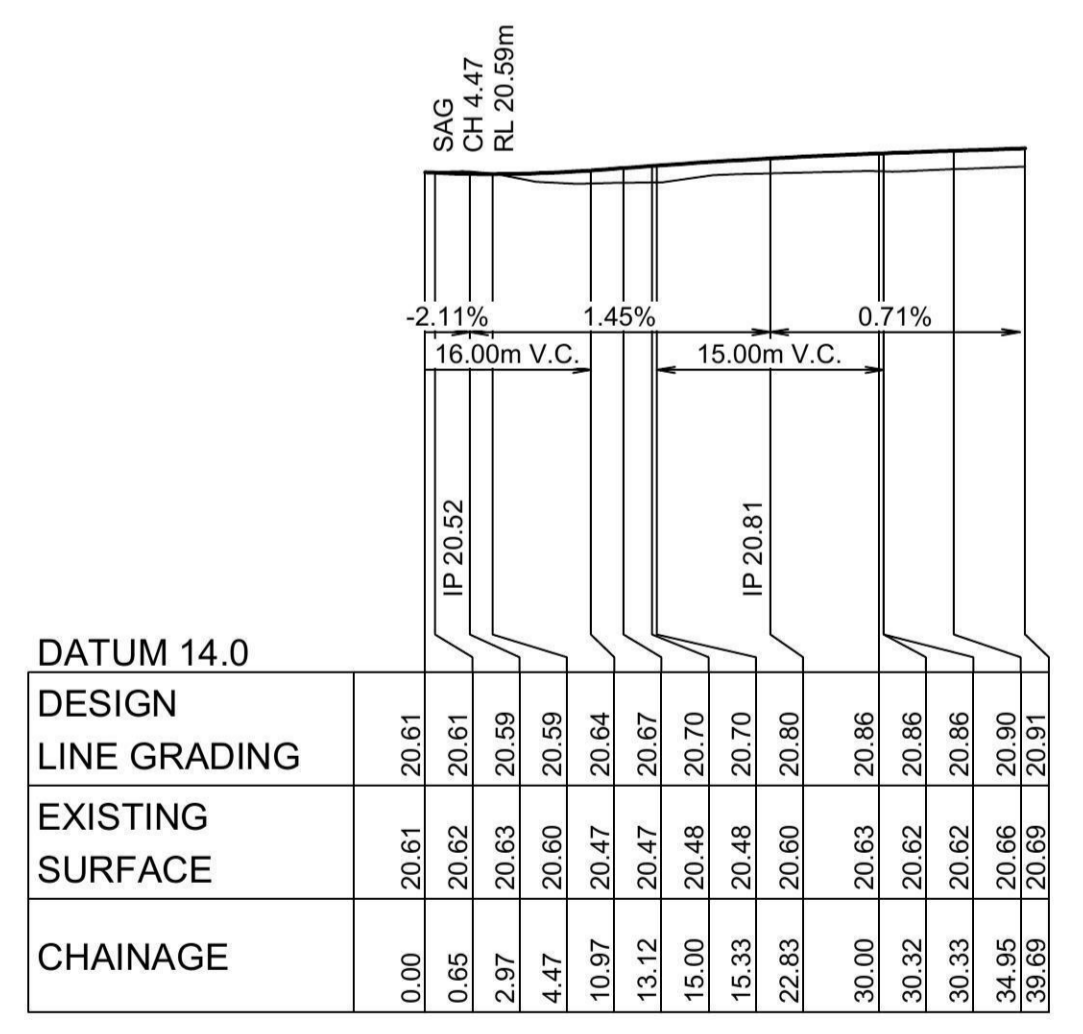
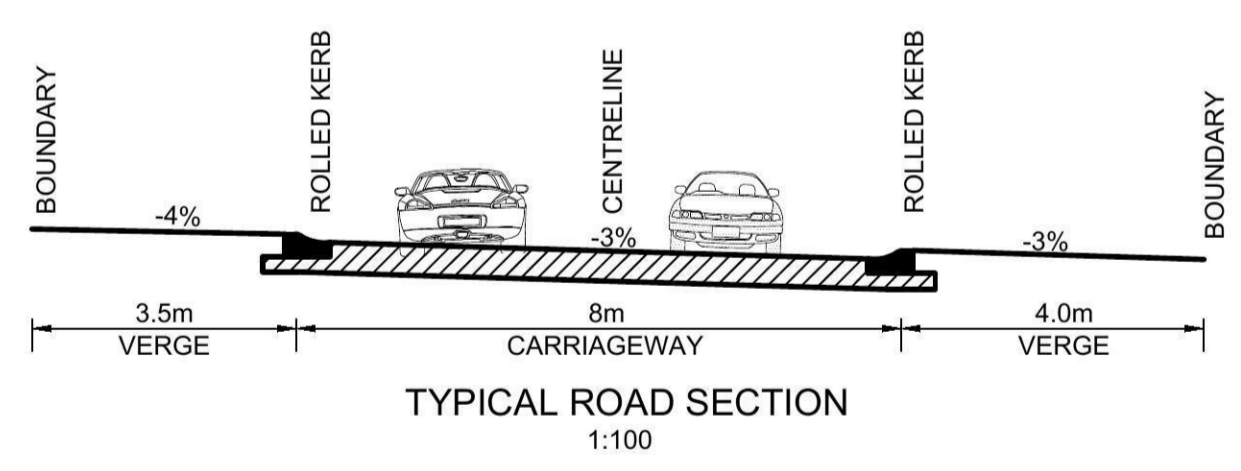
PROPOSED FFL TO BE RL 21.2 (100YR + 0.5m)

LEGEND

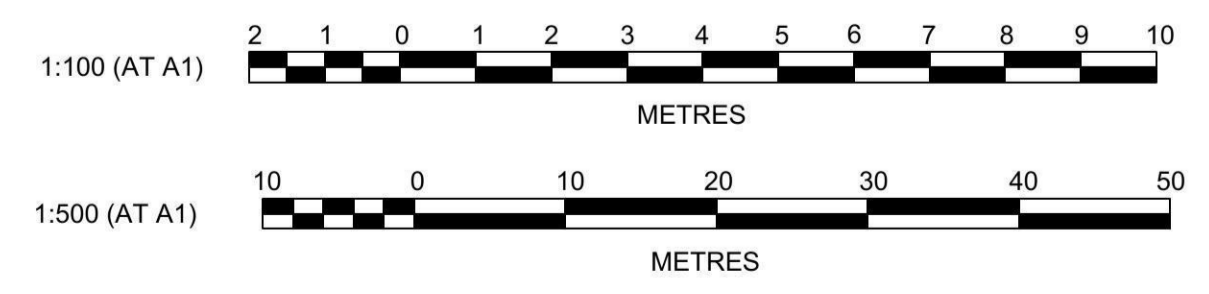
- CUT
- FILL
- LIMIT OF WORKS
- DESIGN CONTOURS
- EXISTING CONTOURS



PLAN
SCALE 1:500



LONGITUDINAL SECTION
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



Plotted: 14 November, 2013 11:36:45 AM File Name: J:\9600DIDA - Development Application Approval Plans\Cranebrook West\9600DA21.dwg

NO.	DESCRIPTION	DESIGNED BY	CHECKED BY	DATE
B	ISSUE FOR DA APPROVAL	VG	VG	MS SA 14/11/13
A	ISSUED FOR CLIENT REVIEW	VG	VG	MS SA 12/11/13
	AMENDMENT	DES	DRN	CKD APR DATE

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AZIMUTH:
DATUM:
ORIGIN:

CLIENT:

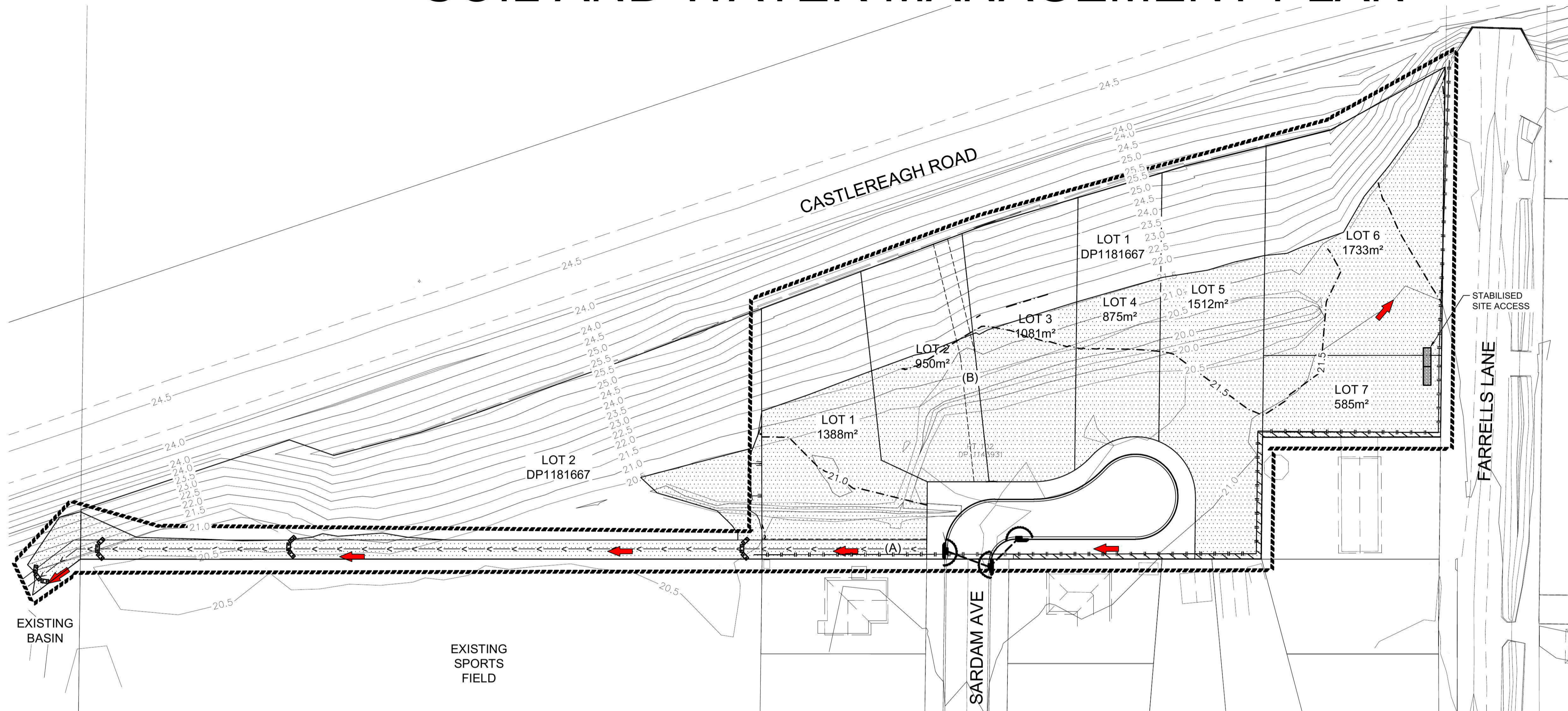
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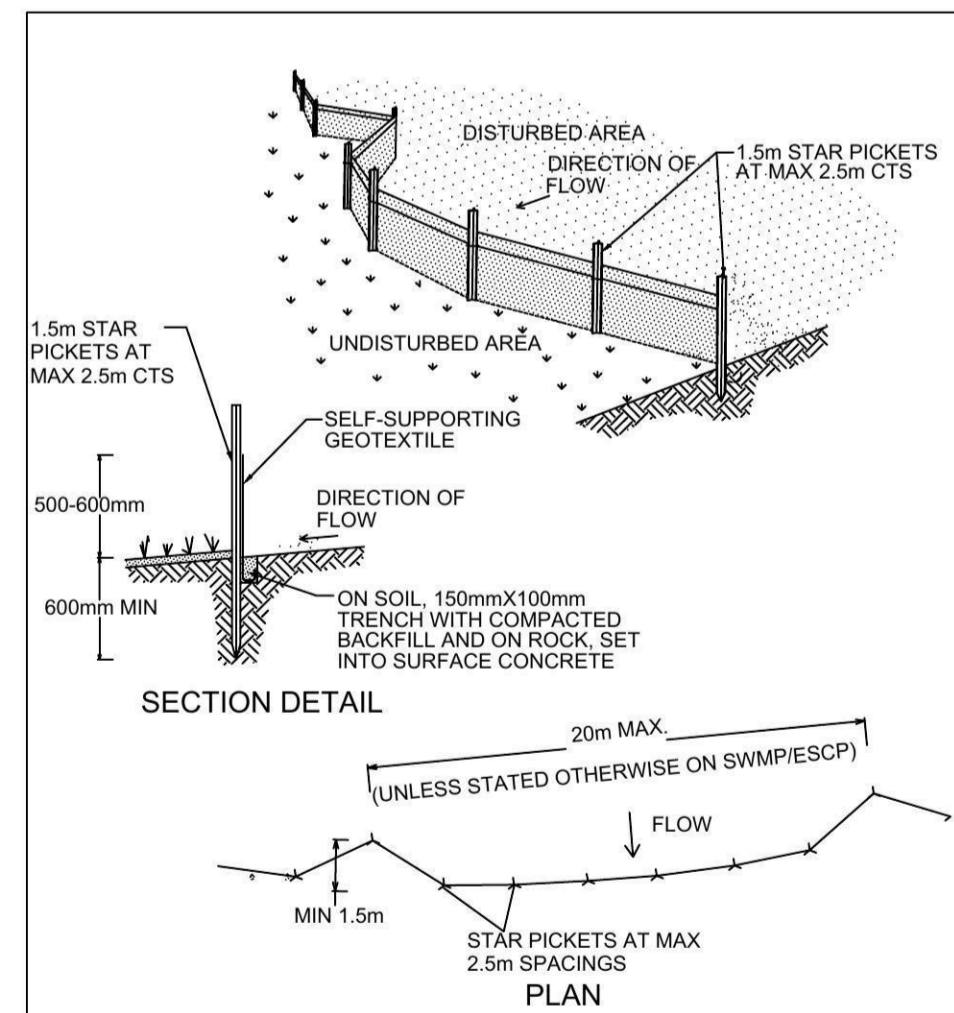
PENRITH LAKES
CRANE BROOK WEST - SARDAM AVE
SUBDIVISION PLAN
PROPOSED SUBDIVISION OF LOT 1 OF DP1181667

PLAN No: 9600/DA21 **B**
FILE No: 9600DA21
SHEET SIZE: A1 ORIGINAL

SOIL AND WATER MANAGEMENT PLAN



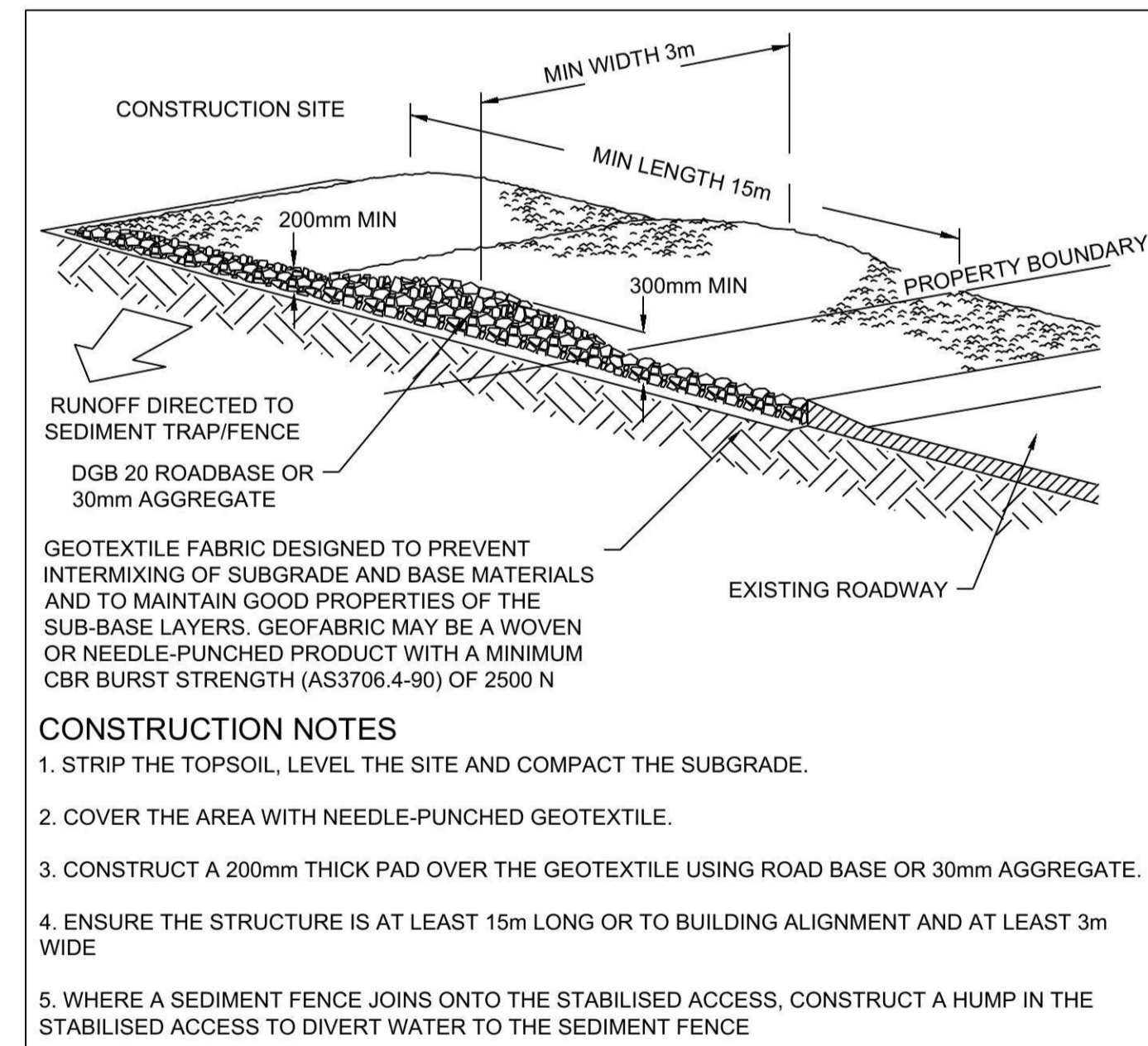
PLAN
SCALE 1:500



SEDIMENT FENCE SD6-8
N.T.S.

CONSTRUCTION NOTES

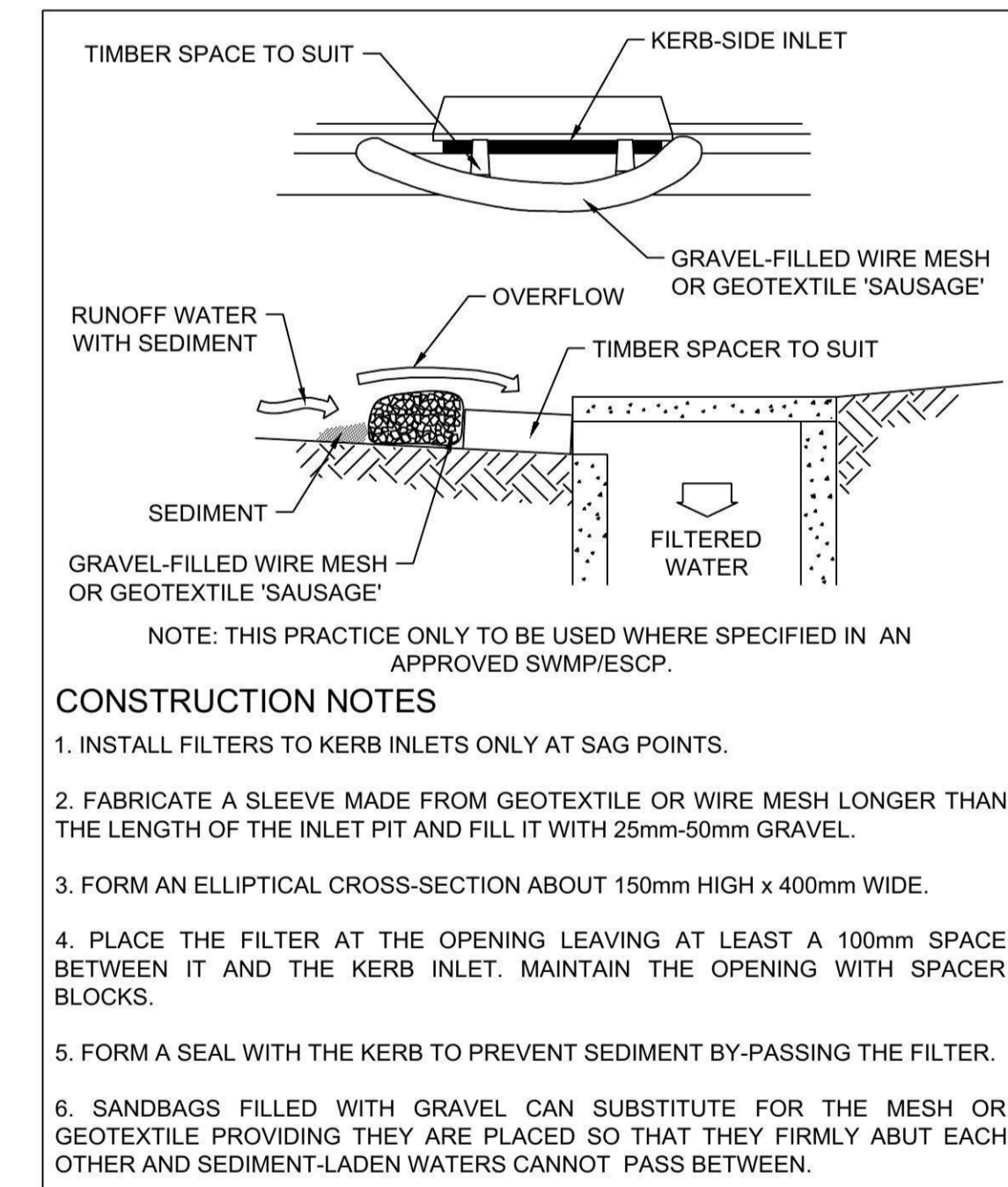
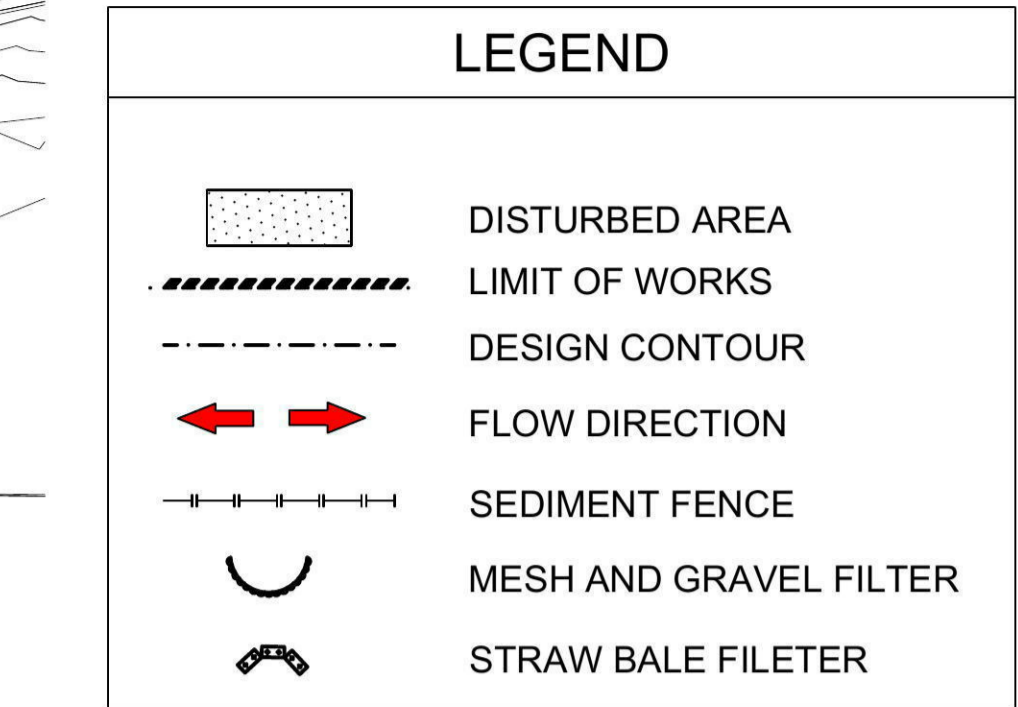
1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS A SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE STORM EVENT, USUALLY THE 10-YEAR EVENT.
2. CUT A 150-MM DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. DRIVE 1.5m LONG STAR PICKETS INTO GROUND AT 2.5m INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE TRENCH ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.



STABILISED SITE ACCESS SD6-14
N.T.S.

CONSTRUCTION NOTES

1. STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE.
2. COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
3. CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASE OR 30mm AGGREGATE.
4. ENSURE THE STRUCTURE IS AT LEAST 15m LONG OR TO BUILDING ALIGNMENT AND AT LEAST 3m WIDE.
5. WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE STABILISED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE.

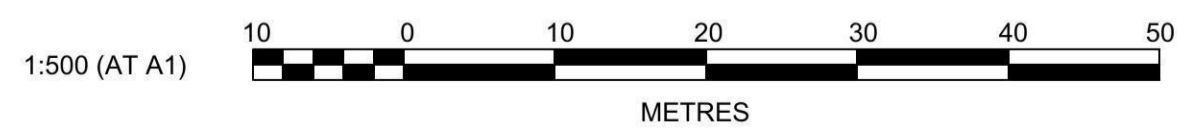


MESH & GRAVEL INLET FILTER SD6-11
N.T.S.

CONSTRUCTION NOTES

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 25mm-50mm GRAVEL.
3. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH x 400mm WIDE.
4. PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
5. FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BY-PASSING THE FILTER.
6. 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.

DRAFT ISSUE ONLY
THESE PLANS HAVE NOT COMPLETED J. WYNDHAM PRINCE'S QUALITY REVIEW, CHECKING AND APPROVAL PROCESS AND ARE SUBJECT TO CHANGE



CLIENT:

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AZIMUTH:
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PENRITH LAKES
CRANEBROOK WEST - SARDAM AVE
SOIL AND WATER MANAGEMENT PLAN

PLAN No: 9600/DA22 **B**
FILE No: 9600DA22
SHEET SIZE: A1 ORIGINAL

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