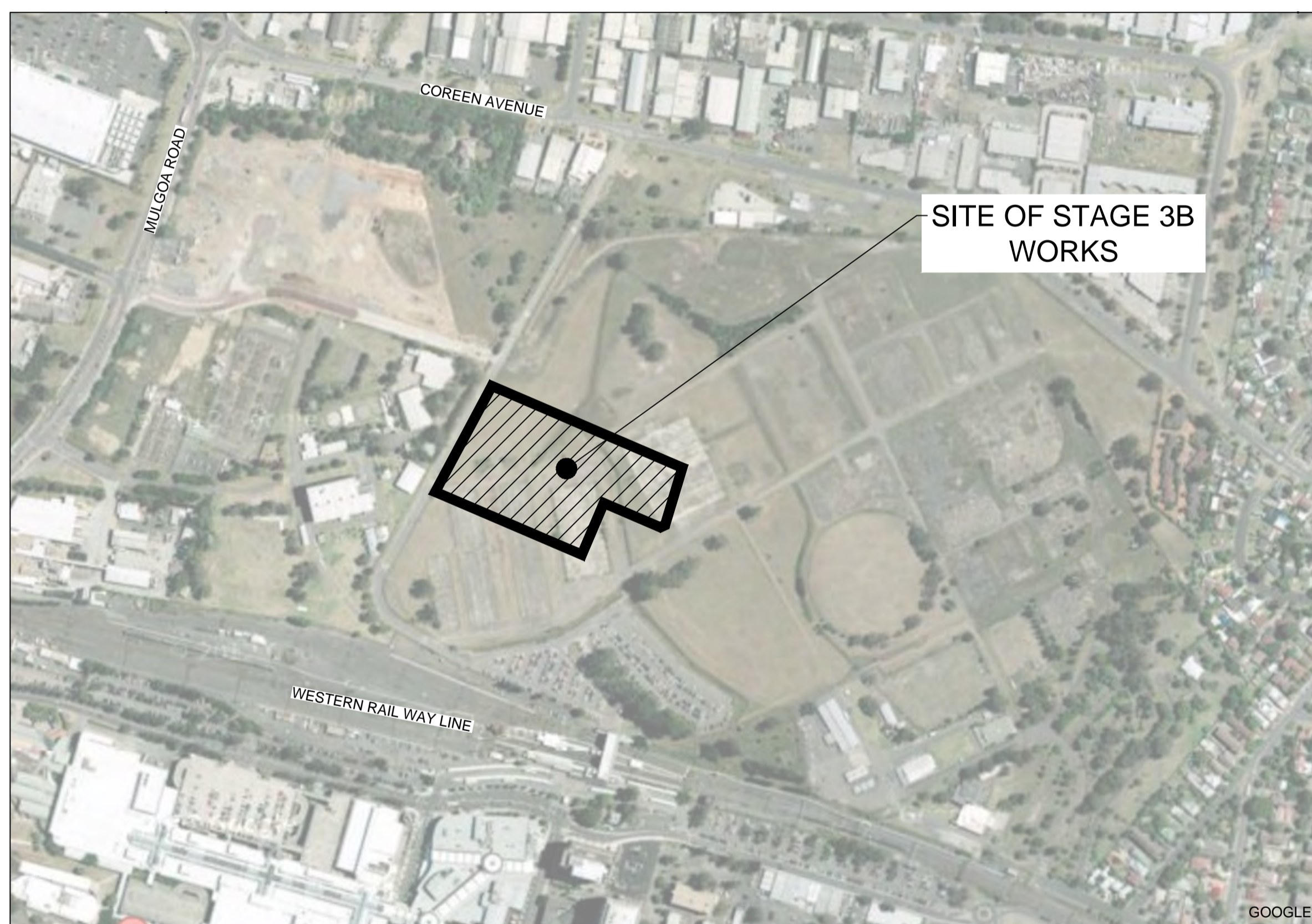




NORTH PENRITH STAGE 3B SUBDIVISION STATE SIGNIFICANT DEVELOPMENT APPLICATION

PROPOSED SUBDIVISION AND ROADWORKS



LOCALITY SKETCH

Prepared By:

J. WYNDHAM PRINCE
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CIVIL PLAN INDEX	
PLAN NO.	PLAN NAME
9470/DA200	COVER SHEET & PLAN INDEX
9470/DA201	SITE LAYOUT PLAN & LEGEND
9470/DA202	ROAD LAYOUT
9470/DA203	DRAINAGE LAYOUT
9470/DA204	ROAD TYPICALS & LONGSECTIONS
9470/DA205	SOIL & WATER MANAGEMENT PLAN NOTES & DETAILS

Survey By:
CRAIG & RHODES PTY. LTD.
SURVEYORS PLANNERS CIVIL & STRUCTURAL ENGINEERS

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Surveyed On: 05/06/12 Job Number: 072-10

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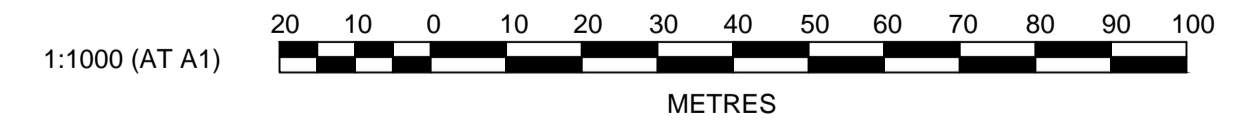
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FILE No. 9470DA200

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LEGEND

EXTENT OF WORKS



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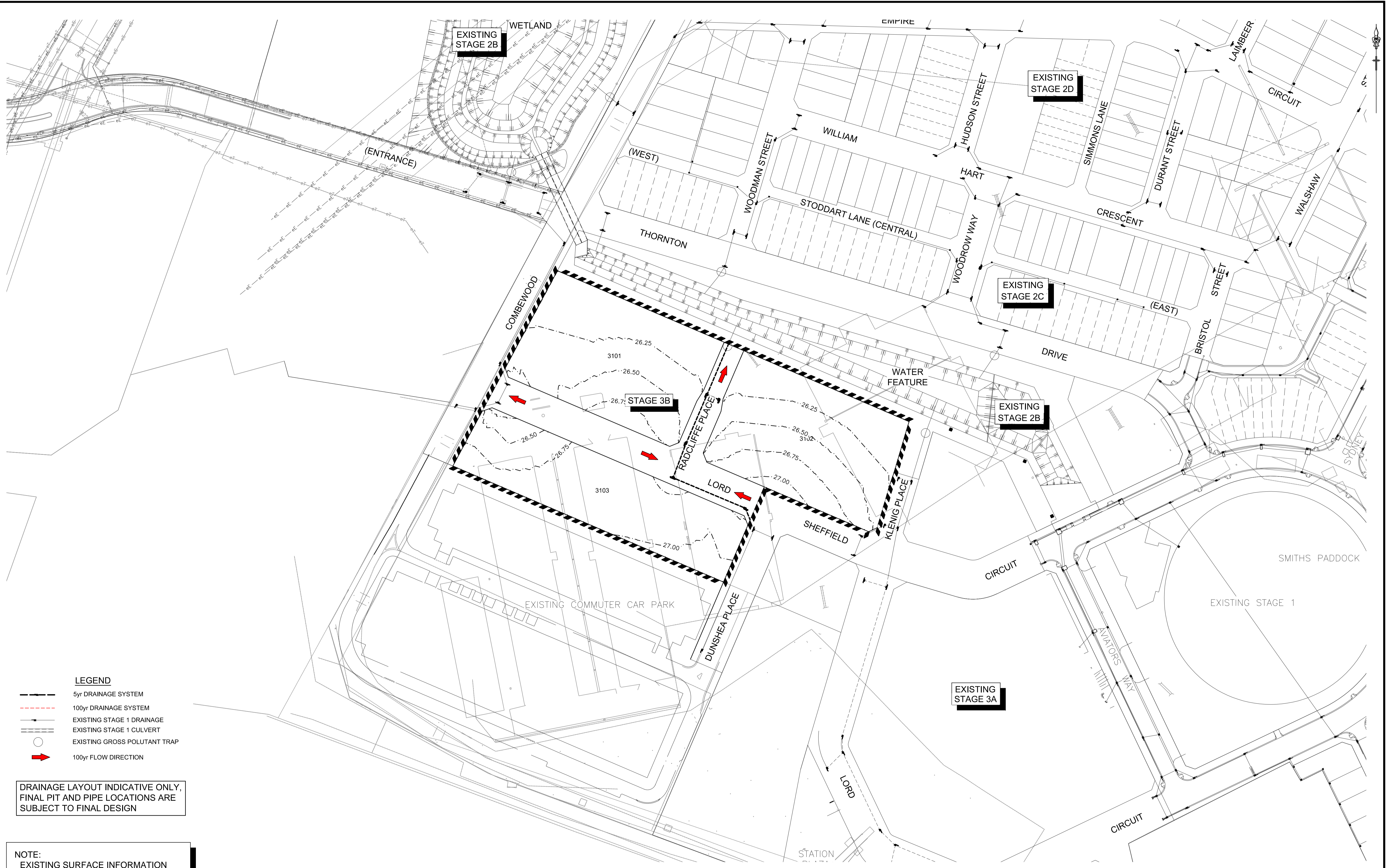
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NORTH PENRITH
STAGE 3B
 ROAD LAYOUT

PLAN No:	9470/DA202	B
FILE No:	9470DA202	
SHEET SIZE:	A1 ORIGINAL	

AMENDMENT	DES	DRN	CKD	APR	DATE
B	DJH	JG	KN	SA	15/02/13
A	DJH	LVD	KN	MS	16/10/12

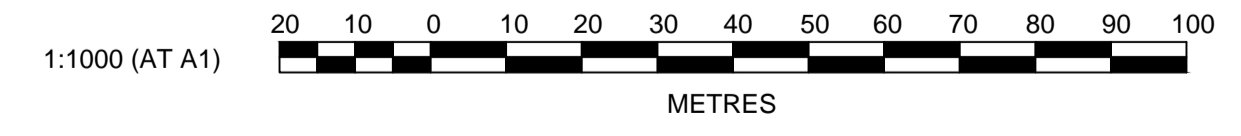
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- LEGEND**
- 5yr DRAINAGE SYSTEM
 - 100yr DRAINAGE SYSTEM
 - EXISTING STAGE 1 DRAINAGE
 - EXISTING STAGE 1 CULVERT
 - EXISTING GROSS POLLUTANT TRAP
 - 100yr FLOW DIRECTION

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

NOTE:
EXISTING SURFACE INFORMATION
SHOWN IN STAGE 1 IS BASED ON
DESIGN INFORMATION PROVIDED FOR
STAGE 1 CONSTRUCTION



NO.	DESCRIPTION	DESIGNED BY	CHECKED BY	DATE		
B	RE-ISSUED FOR DEVELOPMENT APPLICATION	DJH	JG	15/02/13		
A	ISSUED FOR DEVELOPMENT APPLICATION	DJH	LVD	16/10/12		
	AMENDMENT	DES	DRN	CKD	APR	DATE

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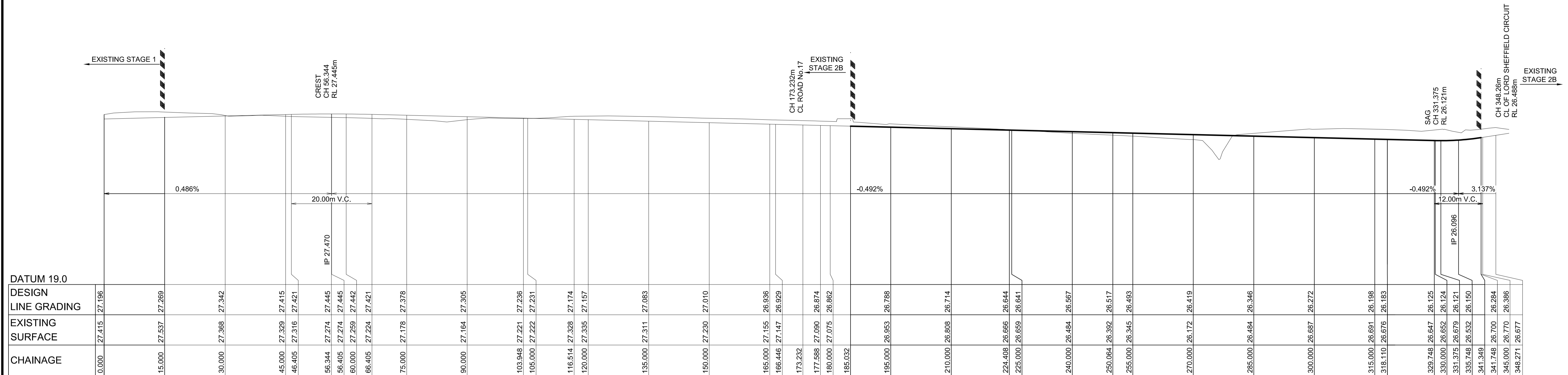
STATE SIGNIFICANT DEVELOPMENT APPLICATION
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**NORTH PENRITH
 STAGE 3B
 DRAINAGE LAYOUT**

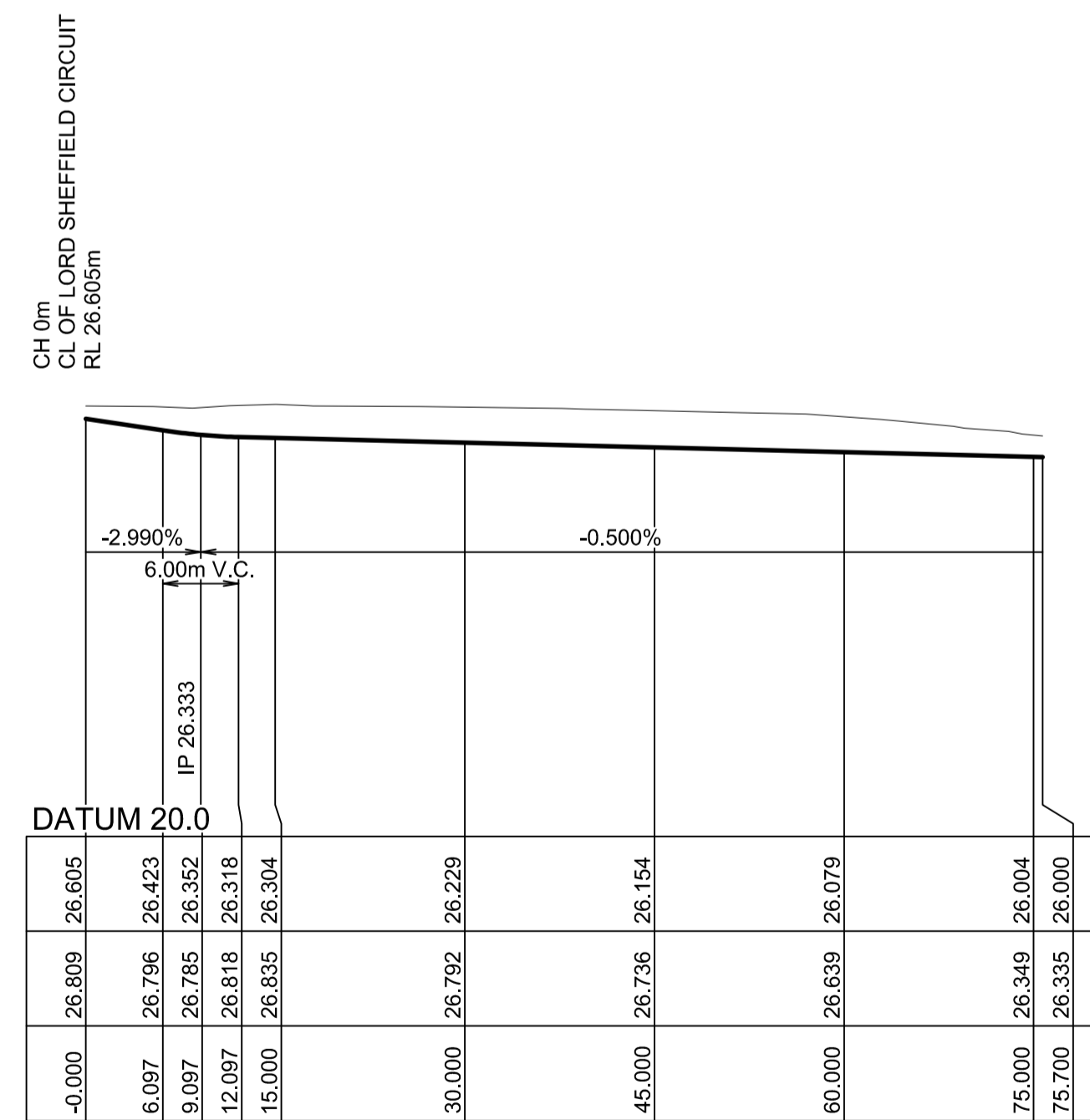
PLAN No:	9470/DA203	B
FILE No:	9470DA203	
SHEET SIZE:	A1 ORIGINAL	

BULK EARTHWORKS 500mm
BELOW DESIGN SURFACE

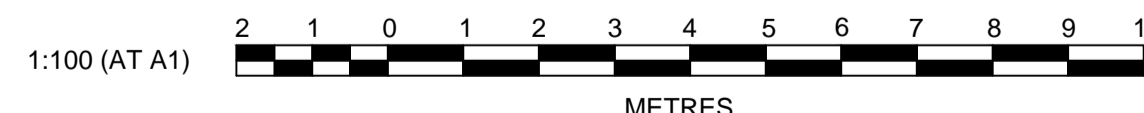
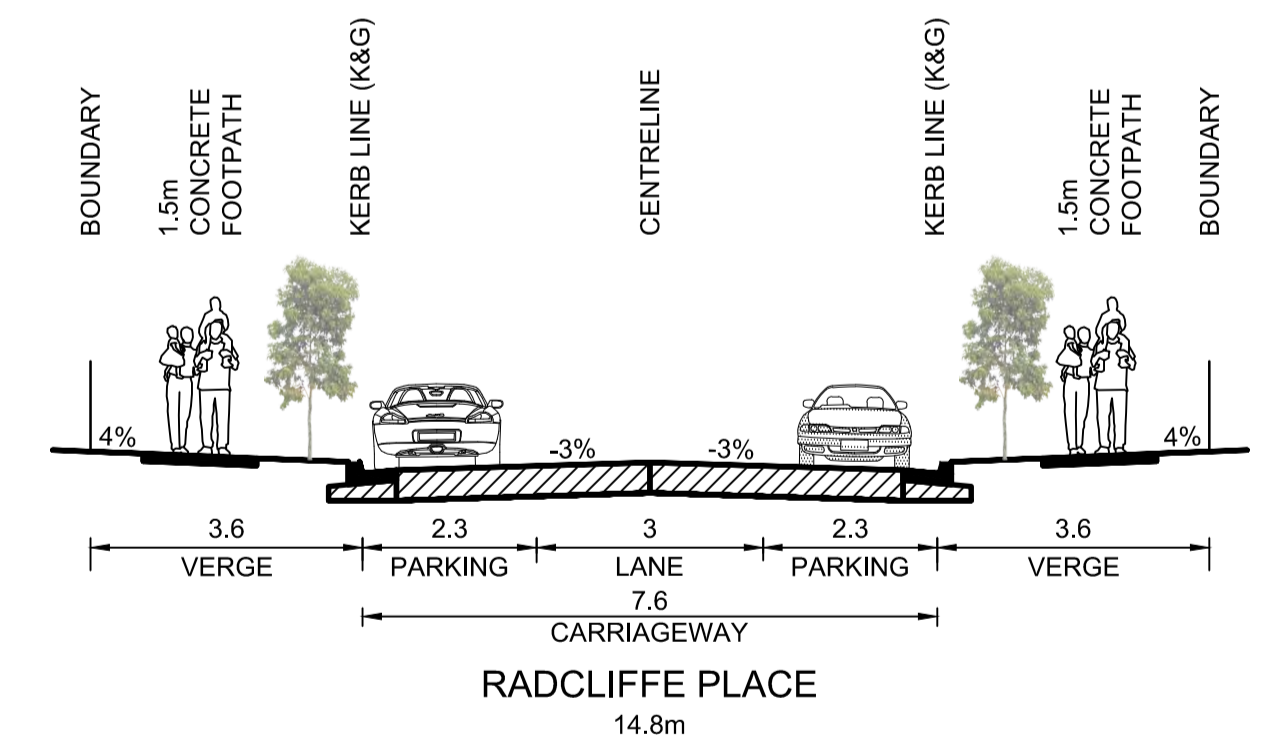
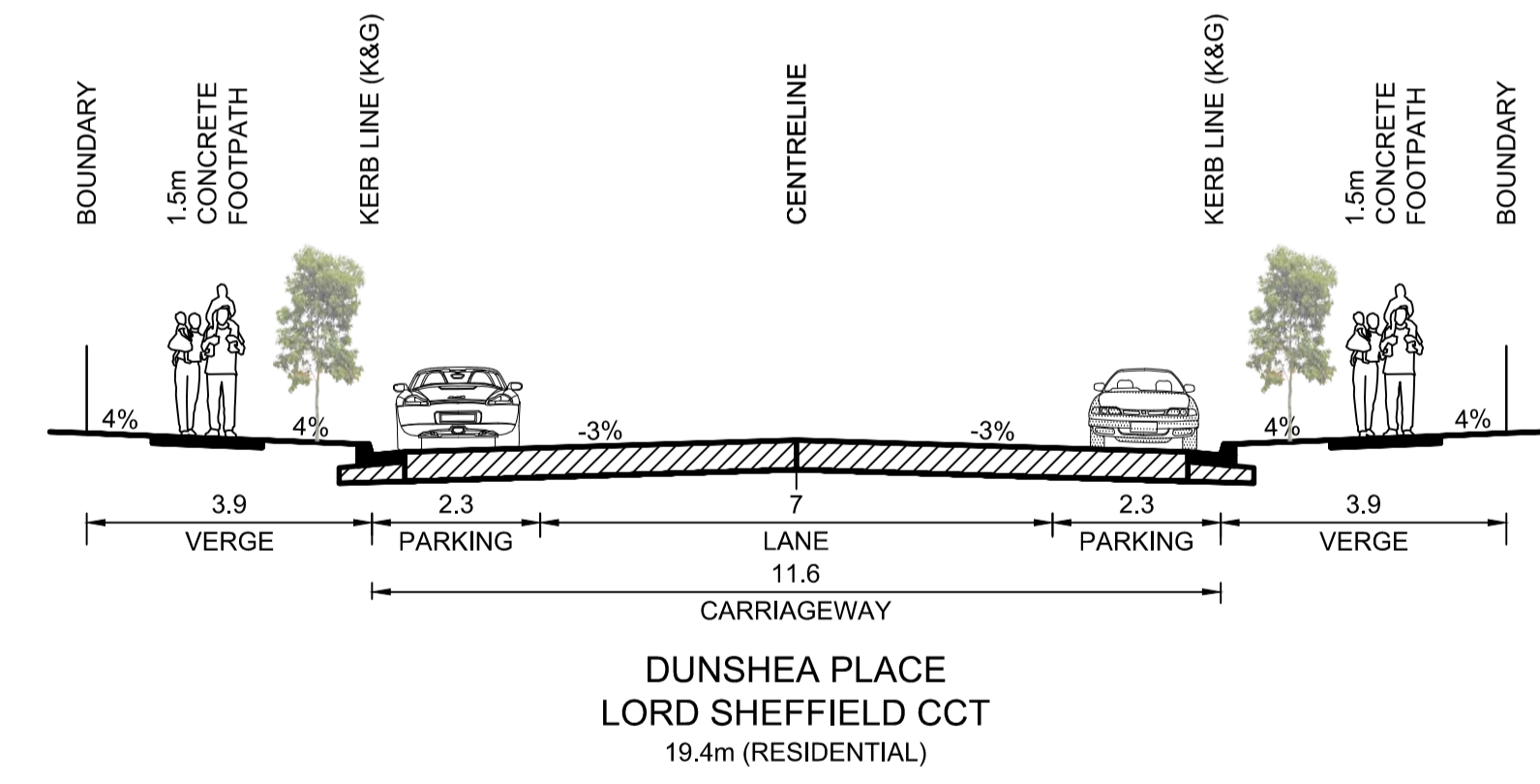
ROAD CENTRELINE
INDICATIVE ONLY



LONGITUDINAL SECTION LORD SHEFFIELD CIRCUIT
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



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



CLIENT:

Urban Growth NSW

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NORTH PENRITH
STAGE 3B
ROAD TYPICALS
& LONGSECTIONS

PLAN No:
9470/DA204 B

FILE No: 9470DA204

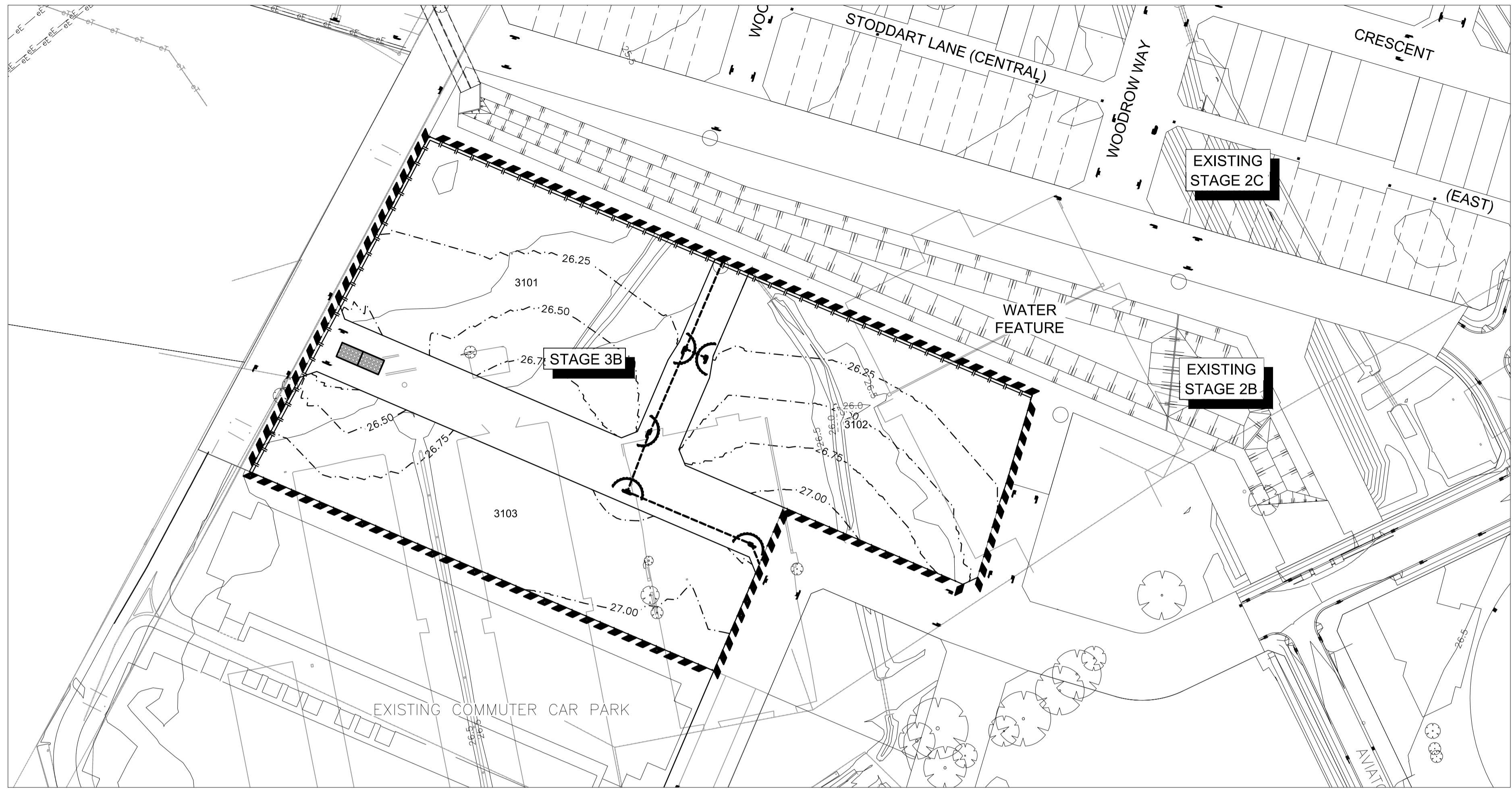
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GENERAL NOTES:

1. 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 SOIL & WATER MANAGEMENT PLAN MUST BE IMPLEMENTED PRIOR TO AND MAINTAINED DURING AND AFTER THE CONSTRUCTION WORKS.
2. TOPSOIL FROM ALL AREAS TO BE DISTURBED SHALL BE STOCKPILED AND LATER RESPREAD TO AID REVEGETATION IN THOSE AREAS.
3. ALL DRAINAGE WORKS SHALL BE CONSTRUCTED AND STABILIZED AS EARLY AS POSSIBLE DURING DEVELOPMENT.
4. ALL TAIL-OUT DRAINS SHALL BE GRASSED AND TRAPEZOIDAL IN SECTION. STRAW BALES SHALL BE PLACED AS A SEDIMENT CONTROL DEVICE WHERE REQUIRED.
5. 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.
6. 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.
7. ALL DISTURBED AREAS SHALL BE REVEGETATED WITHIN 14 WORKING DAYS FROM THE CONCLUSION OF LAND SHAPING.
8. MINIMISE DUST BY WATERING WHEN REQUIRED.

STOCKPILE NOTES:

1. SPOIL AND TOPSOIL STOCKPILES SHALL BE LOCATED AWAY FROM DRAINAGE LINES AND AREAS WHERE WATER MAY CONCENTRATE.
2. 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.
3. 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.

SPECIAL NOTES:

1. LOCATION AND EXTENT OF SOIL AND WATER MANAGEMENT DEVICES IS DIAGRAMMATIC ONLY AND THE ACTUAL REQUIREMENTS SHALL BE CONFIRMED ON SITE.
2. 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.
3. 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.
4. 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.
5. 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.
6. NO TREES SHALL BE REMOVED WITHOUT COUNCIL'S CLEARANCE.
7. MANAGEMENT DEVICES TO REMAIN UNTIL THE END OF THE MAINTENANCE PERIOD.

SEDIMENTATION CONTROL DEVICES:

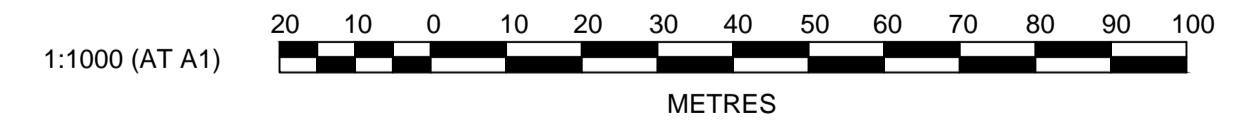
1. ALL STRAW BALES SHALL BE BOUND WITH WIRE. STRAW BALES SHALL BE PLACED END TO END IN A SINGLE ROW AND EMBEDDED INTO THE SOIL TO A DEPTH OF 100mm. EACH BALE SHALL BE SECURELY ANCHORED WITH TWO STEEL STAKES DRIVEN 450mm INTO THE GROUND AND LOCATED ON THE BALE CENTRE LINE.
2. SILT FENCES SHALL BE CONSTRUCTED BY STRETCHING A FILTER FABRIC (PROPEX OR SIMILAR) BETWEEN POSTS AT 2m (3m MAX) CENTRES. FABRIC SHALL BE BURIED 150mm ALONG ITS LOWER EDGE.

LEGEND

- FILTER ROLLS
- KERB INLET PIT.
- SURFACE INLET SEDIMENT TRAP.
- EXISTING GROSS POLLUTANT TRAP
- 5yr DRAINAGE SYSTEM
- 100yr DRAINAGE SYSTEM
- DESIGN CONTOURS
- EXISTING CONTOURS
- SEDIMENT FENCE.
- TOPSOIL STOCKPILE / BUND.
- STABILISED SITE ACCESS

NOTE:
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NOTE:
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NORTH PENRITH
STAGE 3B
SOIL & WATER MANAGEMENT PLAN
NOTES & DETAILS

PLAN No: 9470/DA205 **B**
FILE No: 9470DA205
SHEET SIZE: A1 ORIGINAL