

ST JOSEPH'S SPORTS COURT PROJECT DEVELOPMENT APPLICATION CIVIL ENGINEERING PACKAGE



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DRAWING SCHEDULE	
DRG No.	DRAWING TITLE
DAC01.01	COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN
DAC02.01	GENERAL ARRANGEMENT PLAN (STAGE 1)
DAC03.01	CONCEPT SEDIMENT AND EROSION CONTROL PLAN
DAC03.02	SEDIMENT AND EROSION CONTROL DETAILS
DAC04.01	CONCEPT STORMWATER MANAGEMENT PLAN - GROUND FLOOR
DAC04.02	CONCEPT STORMWATER MANAGEMENT PLAN - LOWER GROUND FLOOR
DAC05.01	DETAILS SHEET
DAC06.01	CATCHMENT PLAN

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT	 ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUR, AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE	 TKD Architects Tanner Kibble Denton	 NORTHROP Sydney The Grafton Bond Store, 60 Hickson Road, Sydney NSW 2000 Ph (02) 9241 4188 Fax (02) 9241 4324 P.O. Box 1171 Australia Square, NSW 1215 Email sydney@northrop.com.au ABN 81 094 433 100	PROJECT	DRAWING TITLE	JOB NUMBER	
1	ISSUED FOR INFORMATION	CB	-	SF	23.02.18	ST JOSEPH'S COLLEGE	SCALE 1:1000 @ A1 				ST JOSEPH'S SPORTS COURT PROJECT	CIVIL ENGINEERING PACKAGE DEVELOPMENT APPLICATION	166502	
						DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS REFERRED TO SPECIFICALLY IN THE CONTRACT	THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING PTY LTD							
											COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN	DRAWING NUMBER DAC01.01	REVISION 1	DRAWING SHEET SIZE = A1

LEGEND

PROPOSED BOUNDARY LINE

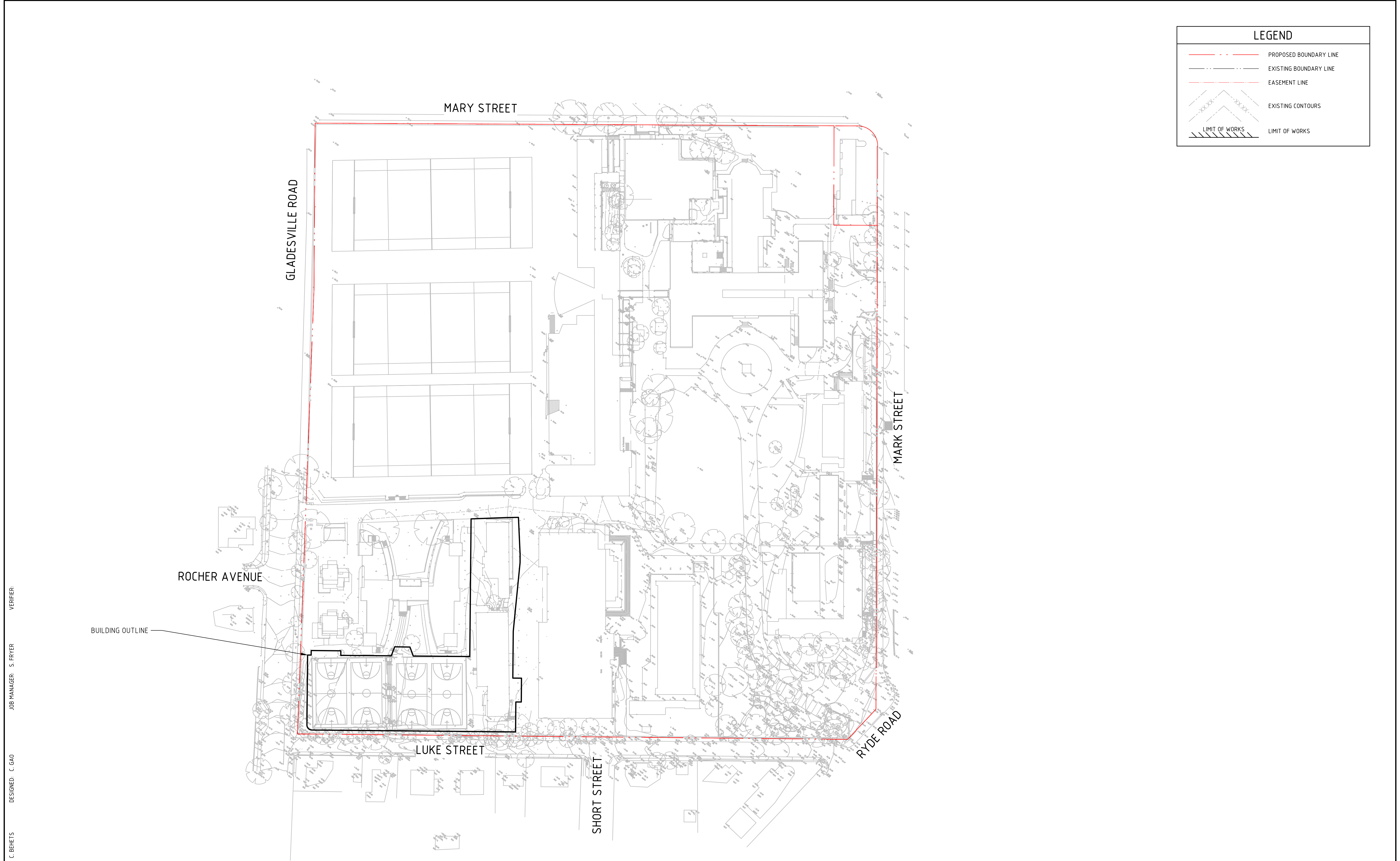
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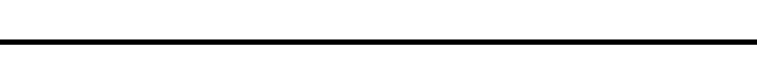
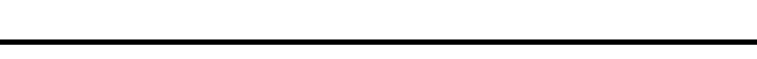
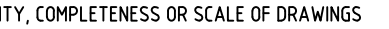
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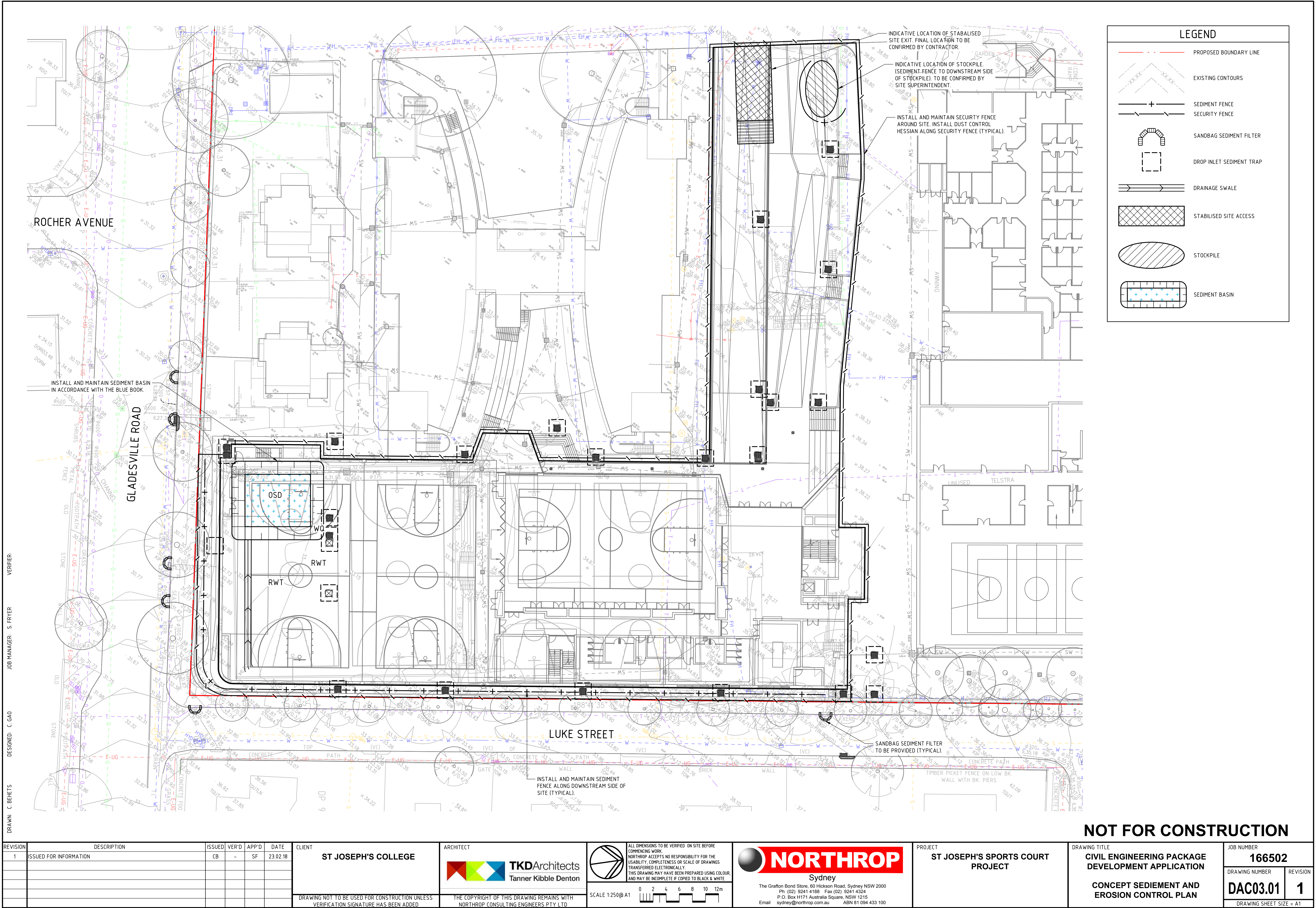
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LIMIT OF WORKS



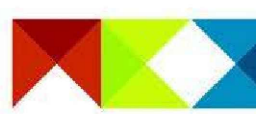
DRAWING										NOT FOR CONSTRUCTION											
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										SCALE 1:800@A1 											
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										CIVIL ENGINEERING PACKAGE DEVELOPMENT APPLICATION											
										GENERAL ARRANGEMENT PLAN (STAGE 1)											
										JOB NUMBER											
										166502											
										DRAWING NUMBER				REVISION							
										DAC02.01				1							
										DRAWING SHEET SIZE = A1											

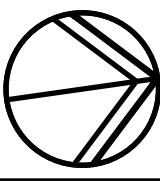


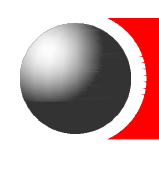
DRAWN: C. BEHETS
DESIGNED: C. GAO
JOB MANAGER: S. FRYER
VERIFIER:

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	ISSUED FOR INFORMATION	CB	-	SF	23.02.18

CLIENT	ST JOSEPH'S COLLEGE
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ARCHITECT	 TKD Architects Tanner Kibble Denton
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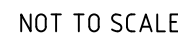
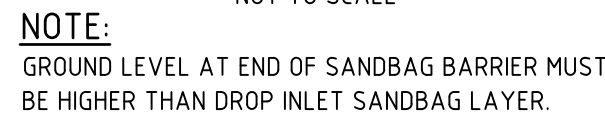
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SCALE 1:250@A1	

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PROJECT	ST JOSEPH'S SPORTS COURT PROJECT
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DRAWING TITLE	CIVIL ENGINEERING PACKAGE DEVELOPMENT APPLICATION
CONCEPT SEDIEMENT AND EROSION CONTROL PLAN	

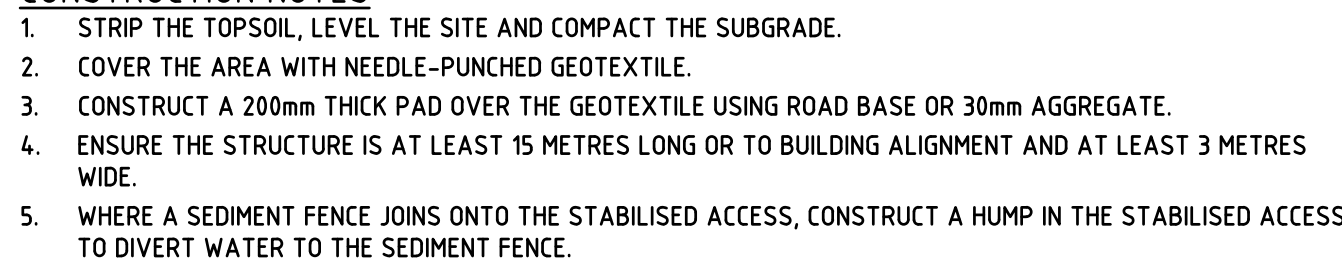
JOB NUMBER	166502
DRAWING NUMBER	DAC03.01
REVISION	1
DRAWING SHEET SIZE = A1	



1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS 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 50L/s IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
2. CUT A 200mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. DRIVE 15mm LONG STAR PICKETS INTO GROUND AT 2.0m 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 POSTS 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.



1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
2. CUT A 200mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. DRIVE 10m LONG STAR PICKETS INTO GROUND AT THE FOUR CORNERS OF PIT WALLS. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
4. TO SECURELY FIX THE GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH, FIX THE GEOTEXTILE WITH WIRE TIES 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.



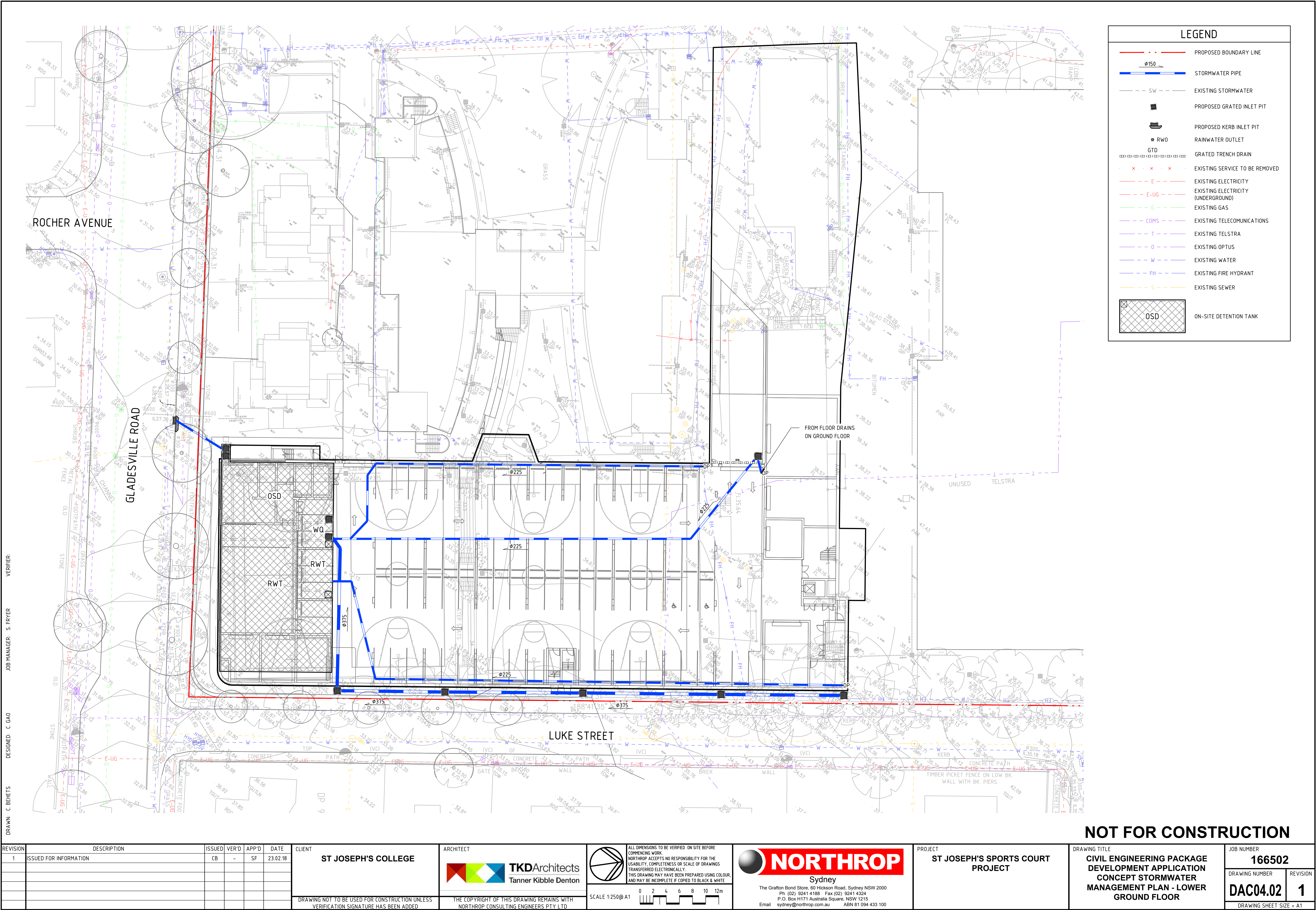
1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION,
CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN
HEIGHT. 4. WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE
4. FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
5. CONSTRUCT EARTH BANKS ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES
AND SEDIMENT FENCES 1 TO 2 METRES DOWNSLOPE.



1. REMOVE ALL VEGETATION AND TOPSOIL FROM UNDER THE DAM WALL AND FROM WITHIN THE STORAGE AREA.
2. CONSTRUCT A CUT-OFF TRENCH 500mm DEEP AND 1,200mm WIDE ALONG THE CENTRELNE OF THE EMBANKMENT EXTENDING TO A POINT ON THE GULLY WALL LEVEL WITH THE RISER CREST.
3. MAINTAIN THE TRENCH FREE OF WATER AND RECOMPACT THE MATERIALS WITH EQUIPMENT AS SPECIFIED IN THE SWMP TO 95% STANDARD PROCTOR DENSITY.
4. SELECT FILL FOLLOWING THE SWMP THAT IS FREE OF ROOTS, WOOD, ROCK, LARGE STONE OR FOREIGN MATERIAL.
5. PREPARE THE SITE UNDER THE EMBANKMENT BY RIPPING TO AT LEAST 100mm TO HELP BOND COMPACTED FILL TO THE EXISTING SUBSTRATE.
6. SPREAD THE FILL IN 100mm TO 150mm LAYERS AND COMPACT IT AT OPTIMUM MOISTURE CONTENT FOLLOWING THE SWMP.
7. CONSTRUCT THE EMERGENCY SPILLWAY.
8. REHABILITATE THE STRUCTURE FOLLOWING THE SWMP.

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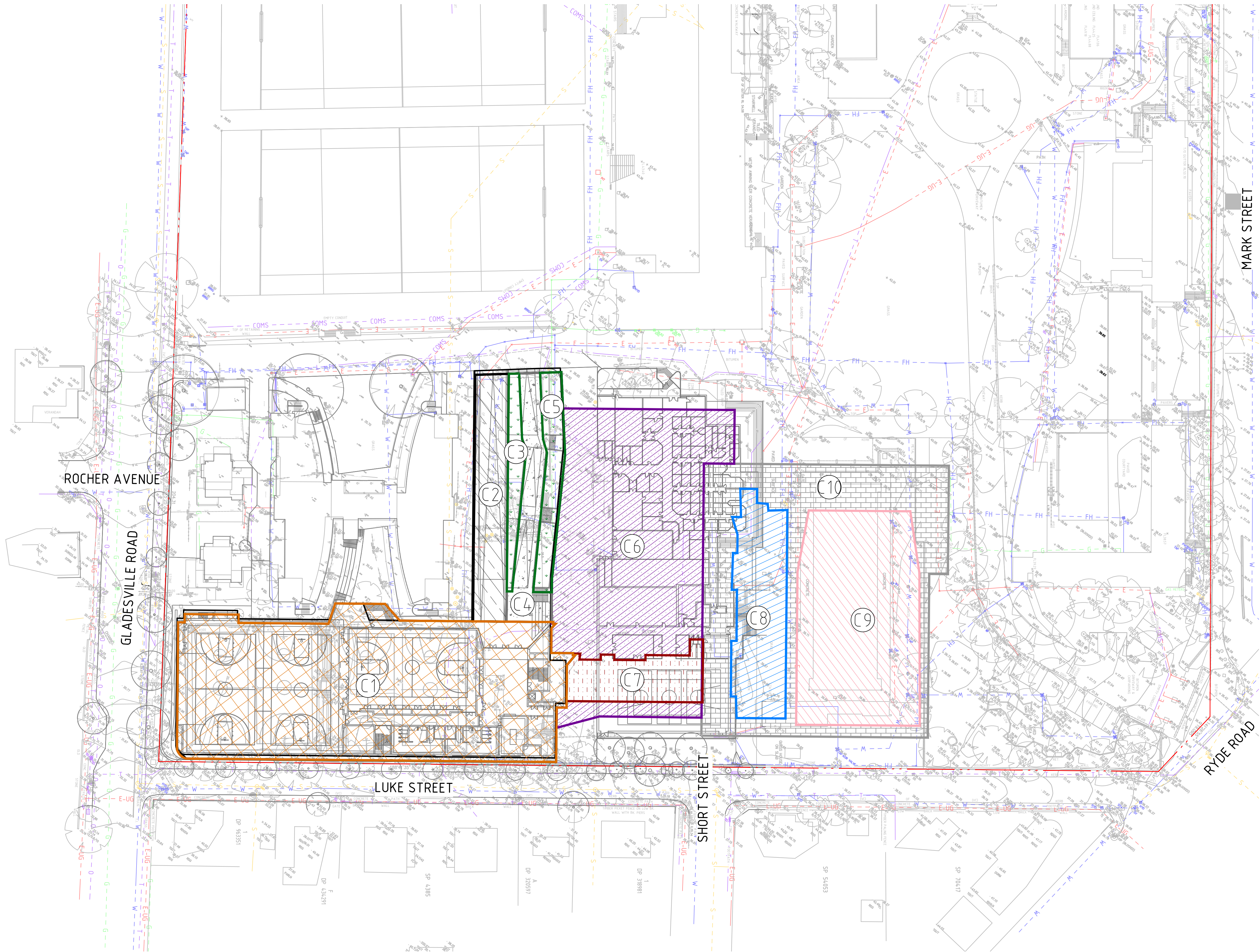
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PROJECT	ST JOSEPH'S SPORTS COURT PROJECT
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DRAWING TITLE	CIVIL ENGINEERING PACKAGE DEVELOPMENT APPLICATION CONCEPT STORMWATER MANAGEMENT PLAN - LOWER GROUND FLOOR
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JOB NUMBER	166502
DRAWING NUMBER	DAC04.02
REVISION	1
DRAWING SHEET SIZE	A1

DRAWN: C. BEHETS
DESIGNED: C. GAO
JOB MANAGER: S. FRYER
VERIFIER:



LEGEND	
	PROPOSED BOUNDARY LINE
	C1 (STAGE 1) - ROOF 3488m ²
	C2 (STAGE 1) - DRIVEWAY 532m ²
	C3 (STAGE 1) - LANDSCAPE 169m ²
	C4 (STAGE 1) - PATHWAY 380m ²
	C5 (STAGE 1) - LANDSCAPE 269m ²
	C6 (STAGE 3) - POOL & PAVE 2557m ²
	C7 (STAGE 3) - ROOF 402m ²
	C8 (STAGE 2) - ROOF 721m ²
	C9 (STAGE 2) - ROOF 1646m ²
	C10 (STAGE 2) - PAVE 1718m ²

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SCALE 1:500 @ A1	

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DRAWING TITLE	CIVIL ENGINEERING PACKAGE DEVELOPMENT APPLICATION
CATCHMENT PLAN	

JOB NUMBER	166502
DRAWING NUMBER	DAC06.01
REVISION	1
DRAWING SHEET SIZE = A1	