

PROPOSED RESIDENTIAL DEVELOPMENT 210 LORD SHEFFIELD CIRCUIT, PENRITH CONCEPT STORMWATER DRAINAGE DESIGN



LOCALITY PLAN
NOT TO SCALE
COPYRIGHT OF GOOGLE MAP, VERSION 3

ARCHITECT:

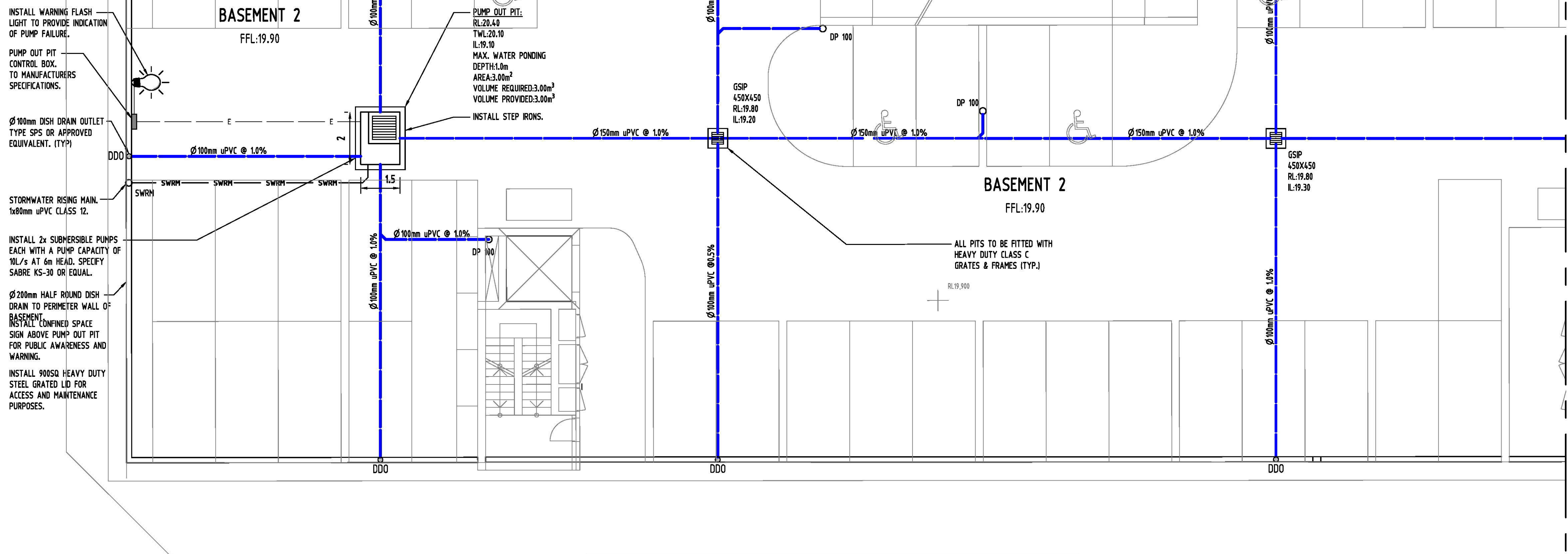
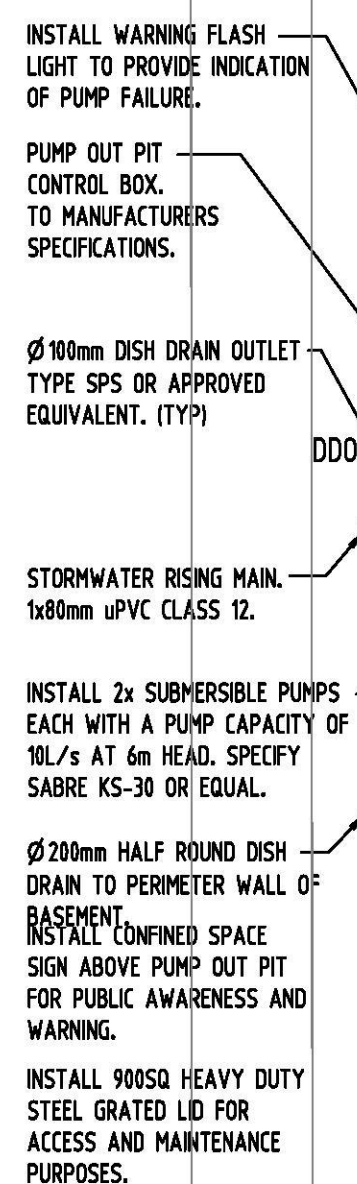
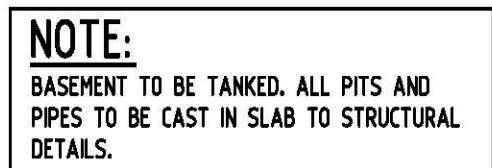
D K O

CLIENT :

URBAN




PREPARED BY:
SGC Consulting Engineers
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Highway, St. Leonards NSW 2065
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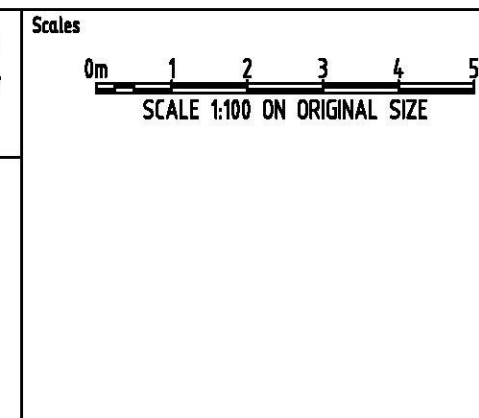
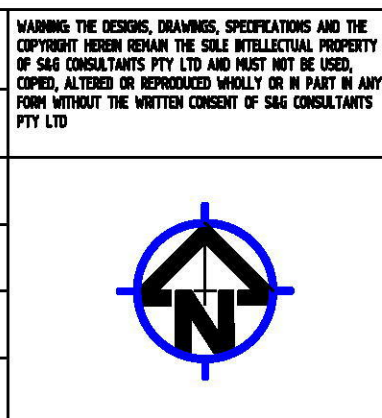
FOR CONTINUATION REFERRING TO SW 201

				Reference Coordination Drawing			
				Discipline	Drawing Title and Number	Date	Rev.
				ARCH			
				ARCH			
				STRUCT			
				MECH			
				ELEC			
A. ISSUE FOR SECTION 4.55				AA	26.6.2019	6	HYD
Issue	Last revision Title			by	Date	Status	
Issuer internal sequence and revision history 1-preliminary 2-development application 3-construction certificate 4-tender 5-construction 6-other							
LANDIS CIVIL SURVEY							



**ENGINEERS
AUSTRALIA**
Chartered Professional Engineer
MEMBER

QUALITY CONTROL			
DRAWN	AA	DATE	26.03.2019
CHECKED	SH	DATE	26.03.2019
DESIGNED	AA	DATE	26.03.2019
VERIFIED	SH	DATE	26.03.2019
APPROVED	SH	DATE	26.03.2019



URBAN

DKO



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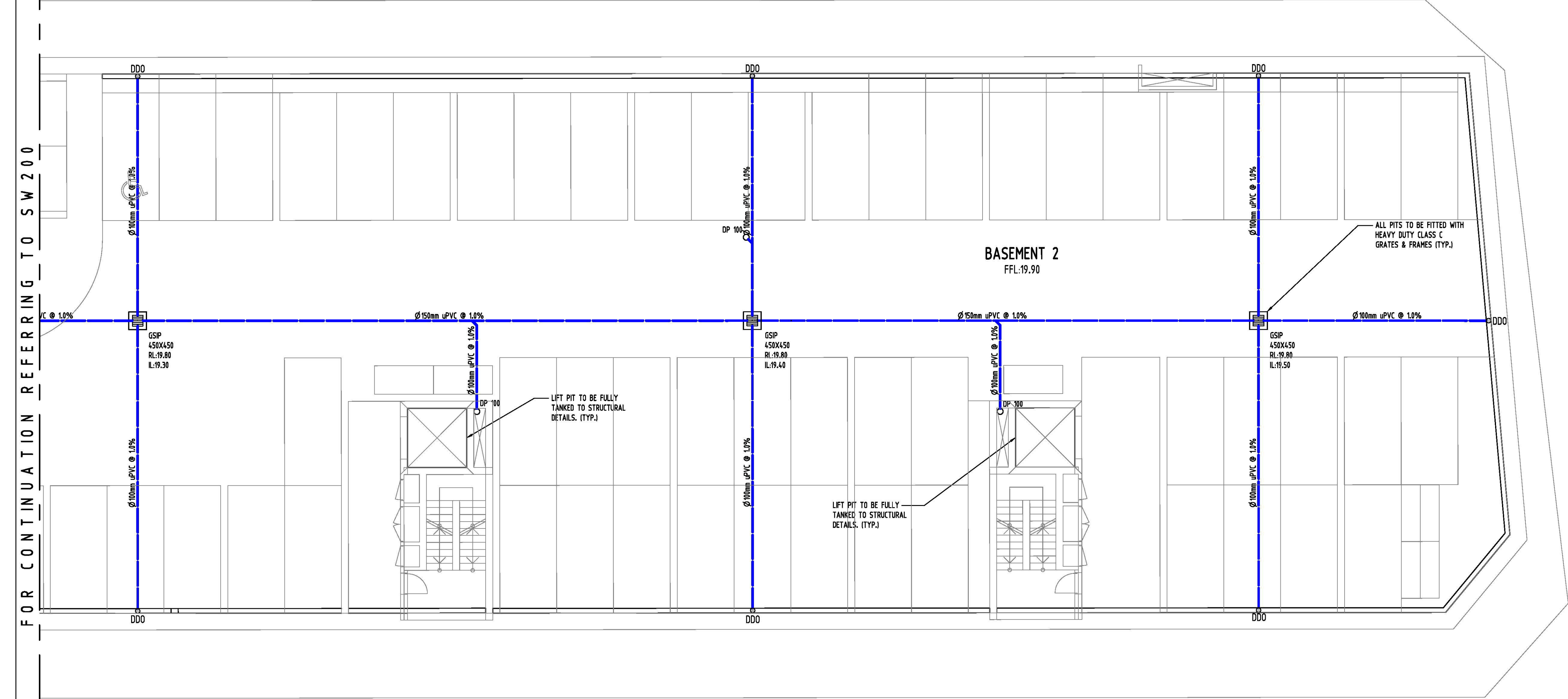
A.B.N. 21 118 222 530

PROJECT
PROPOSED RESIDENTIAL
DEVELOPMENT
LOT 210 LORD SHEFFIELD CIRCUIT, PENRITH

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	3 of 10	1:100 @ A1

Drawing Status	FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Drawing Title	STORMWATER DRAINAGE DE BASEMENT 2 PLAN SHEET 1 OF 2

Project No	Drawing No	Rev
20160273	SW200	



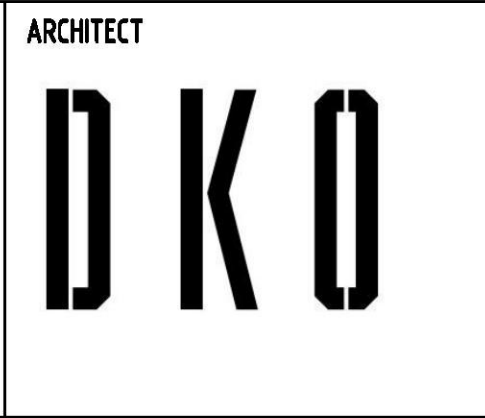
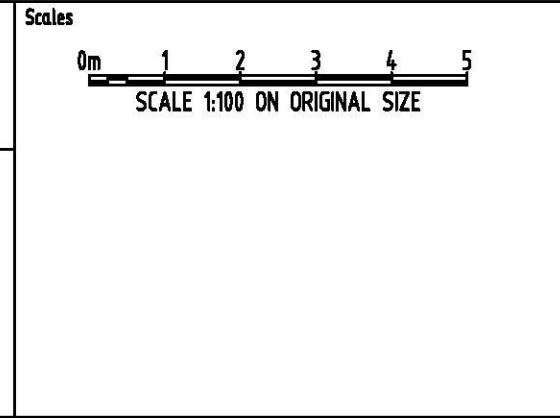
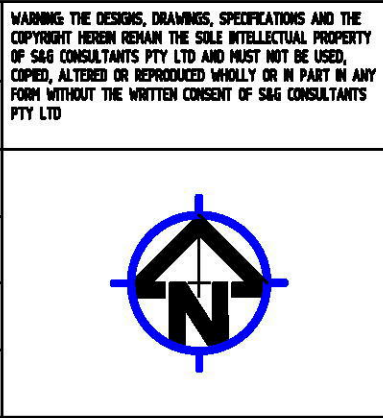
NOTE:
BASEMENT TO BE TANKED. ALL PITS AND PIPES TO BE CAST IN SLAB TO STRUCTURAL DETAILS.

Reference Coordination Drawing			
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
PPE			
LANDS			
CIVIL			
SURVEY			

Issue internal sequence and revision history			
Issue	Last revision title	by	Date
A	ISSUE FOR SECTION 4.55	AA	26.03.2019
1	preliminary		
2	development application		
3	construction		
4	tender		
5	construction		
6	other		



QUALITY CONTROL			
DRAWN	AA	DATE	26.03.2019
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DESIGNED	AA	DATE	26.03.2019
VERIFIED	SH	DATE	26.03.2019
APPROVED	SH	DATE	26.03.2019



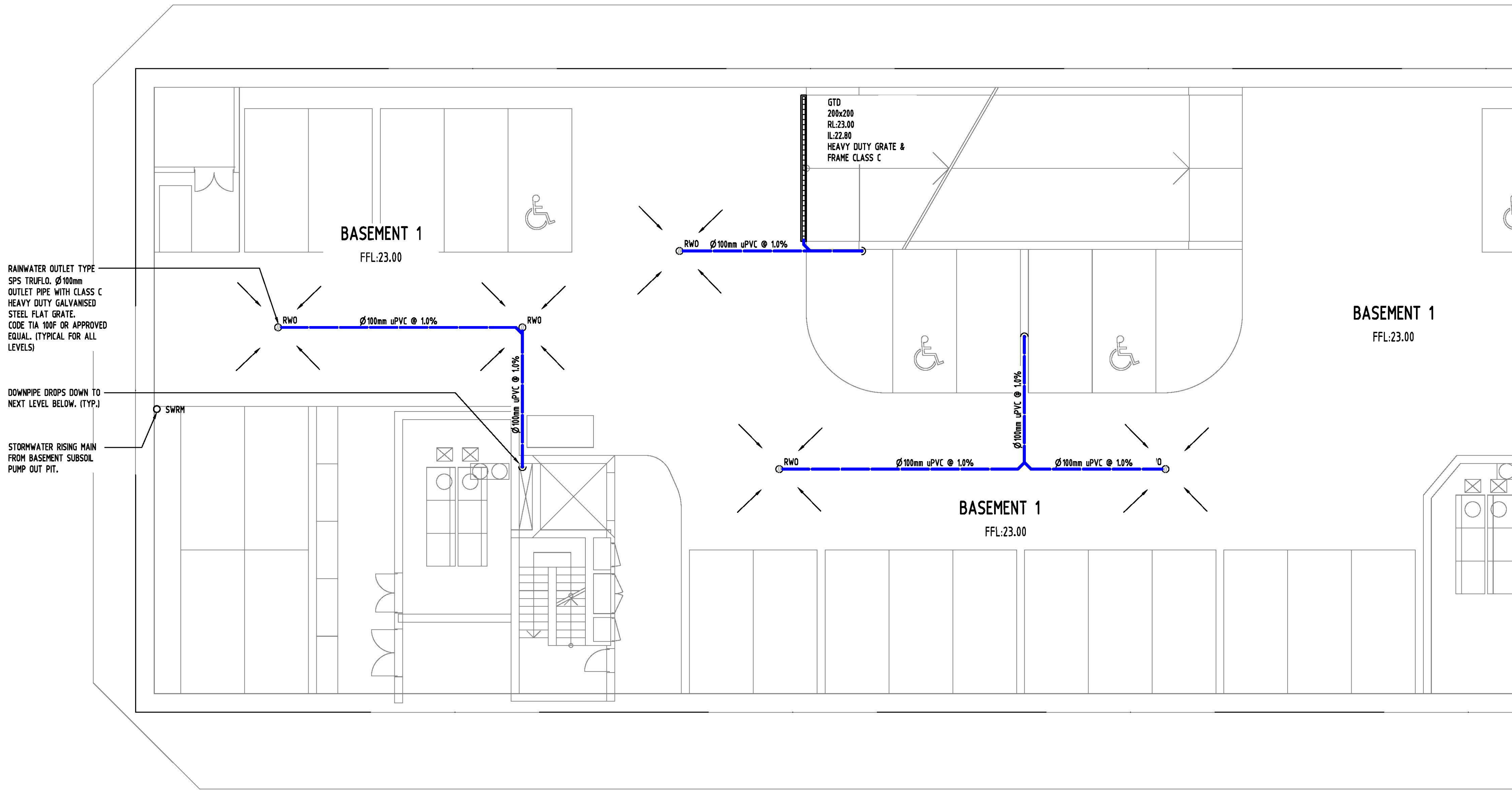
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LOT 210 LORD SHEFFIELD CIRCUIT, PENRITH

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	4 of 10	1:100 @ A1

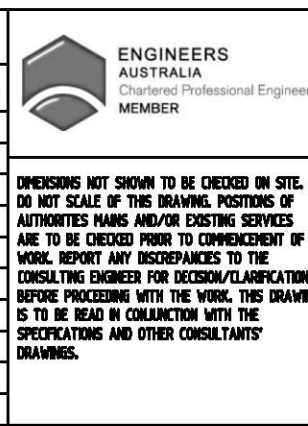
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Drawing Title	STORMWATER DRAINAGE DESIGN	
Drawing Title	BASEMENT 2 PLAN	
Drawing Title	SHEET 2 OF 2	
Project No	Drawing No	Revision No
20160273	SW201	A



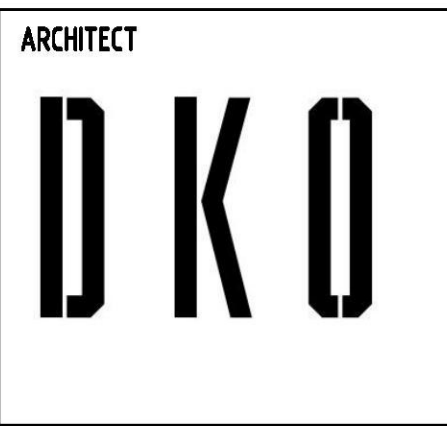
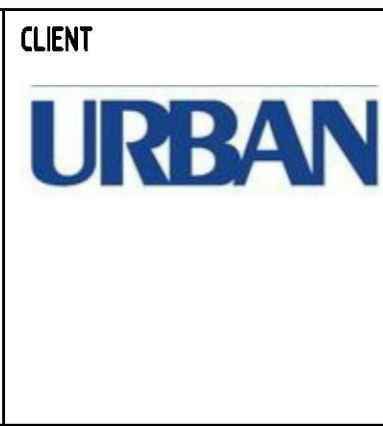
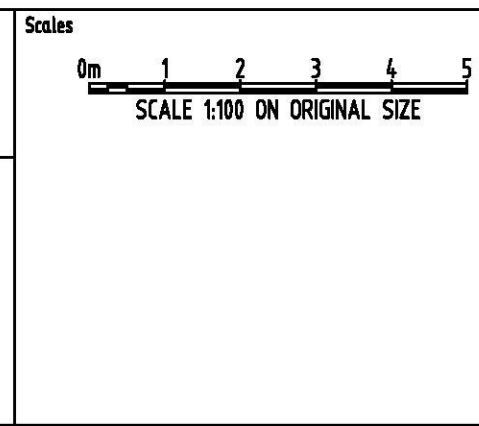
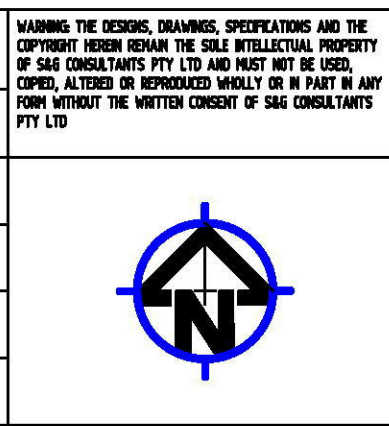
FOR CONTINUATION REFERRING TO SW 203

Reference Coordination Drawing			
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ARCH			
STRUCT			
MECH			
ELEC			
AA	26.03.2019	6	
HYD			
PPE			
LANDS			
CIVIL			
SURVEY			

Issue internal sequence and revision history			
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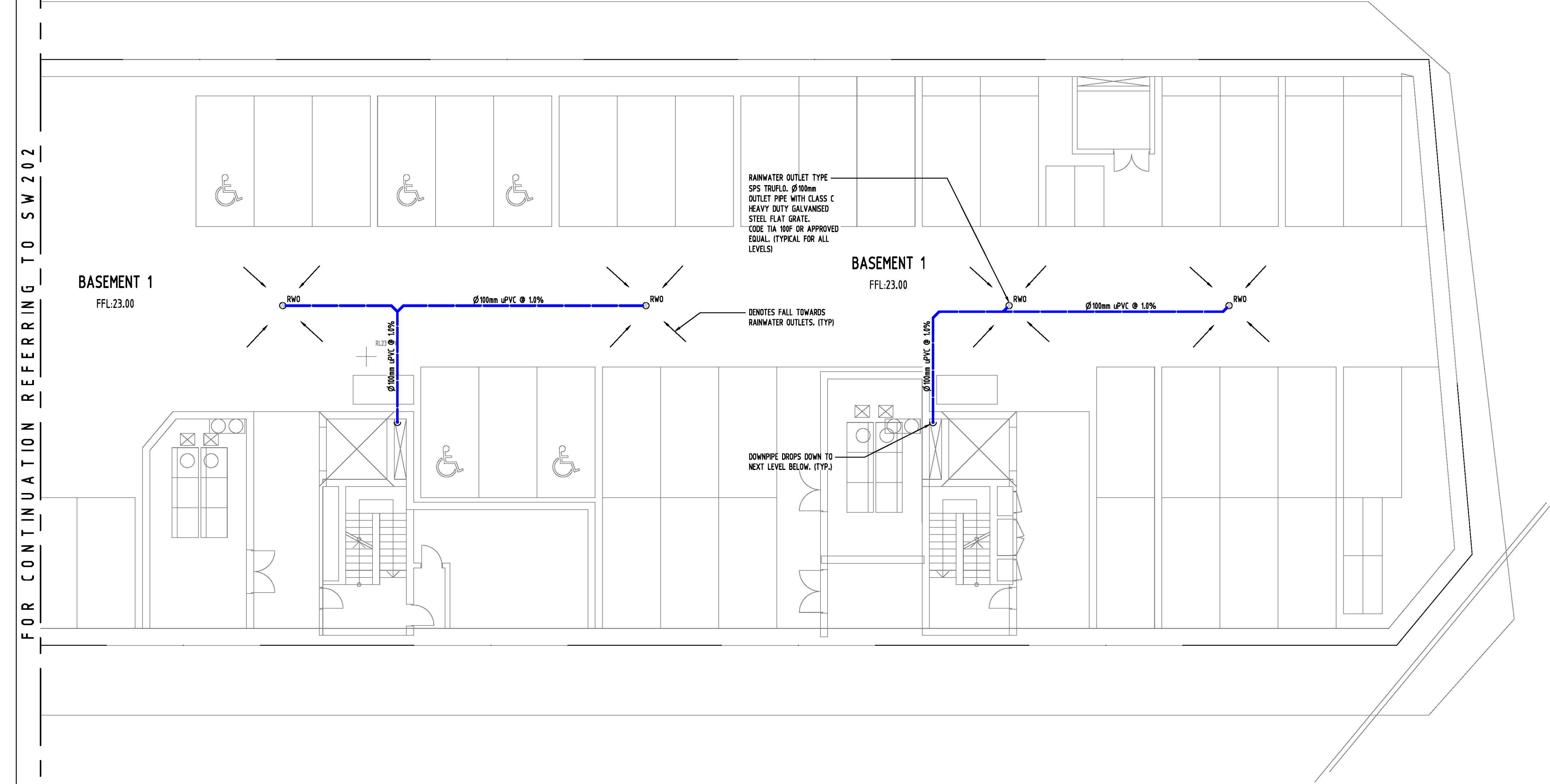
PROJECT

PROPOSED RESIDENTIAL DEVELOPMENT

LOT 210 LORD SHEFFIELD CIRCUIT, PENRITH

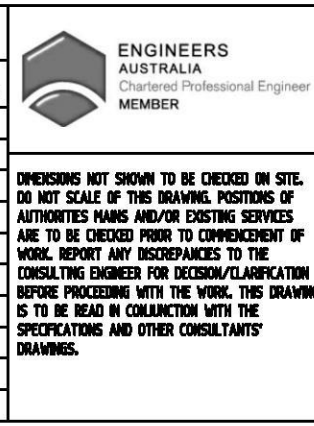
Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	5 of 10	1:100 @ A1

Drawing Status	FOR APPROVAL	
Drawing Title	NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Drawing Title	STORMWATER DRAINAGE DESIGN	
Drawing Title	BASEMENT 1 PLAN	
Drawing Title	SHEET 1 OF 2	
Project No	Drawing No	Revision No
20160273	SW202	A

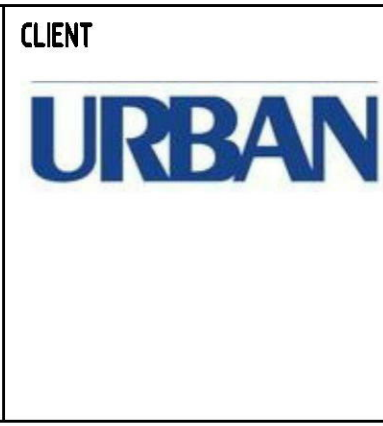
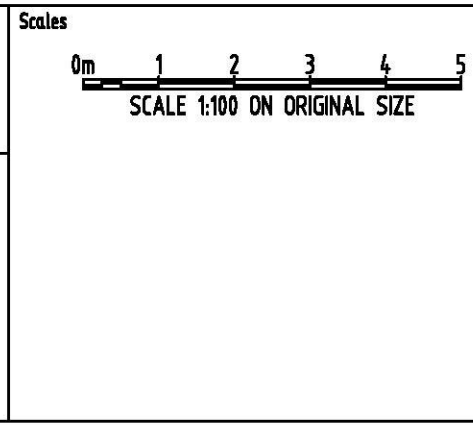
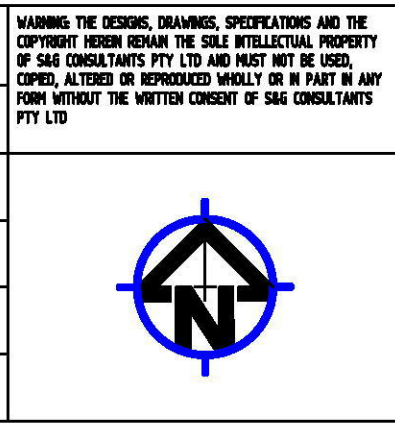


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ARCH			
STRUCT			
MECH			
ELEC			
HYD			
PPE			
LANDS			
CIVIL			
SURVEY			

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Issue	Last revision title	by	Date
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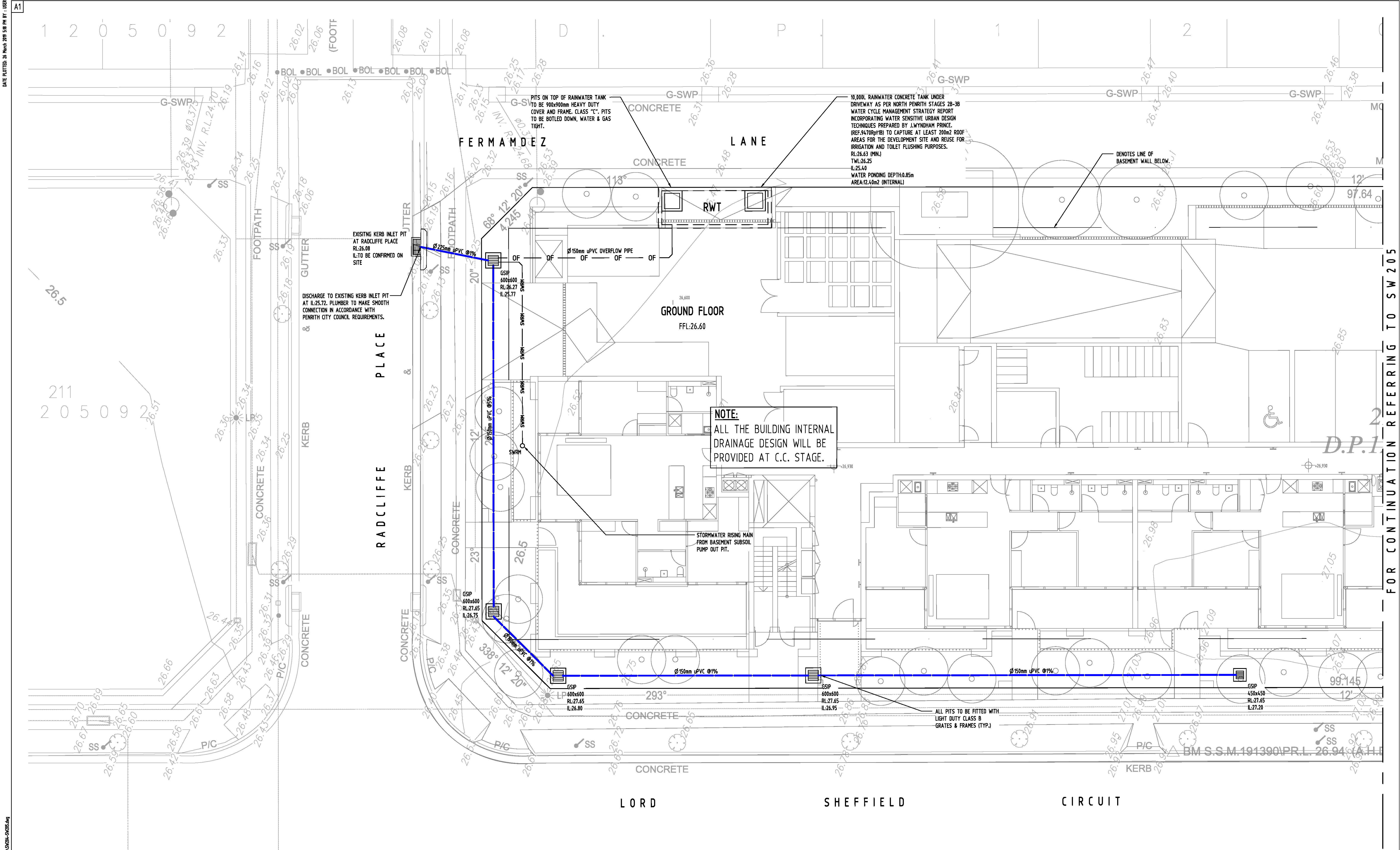
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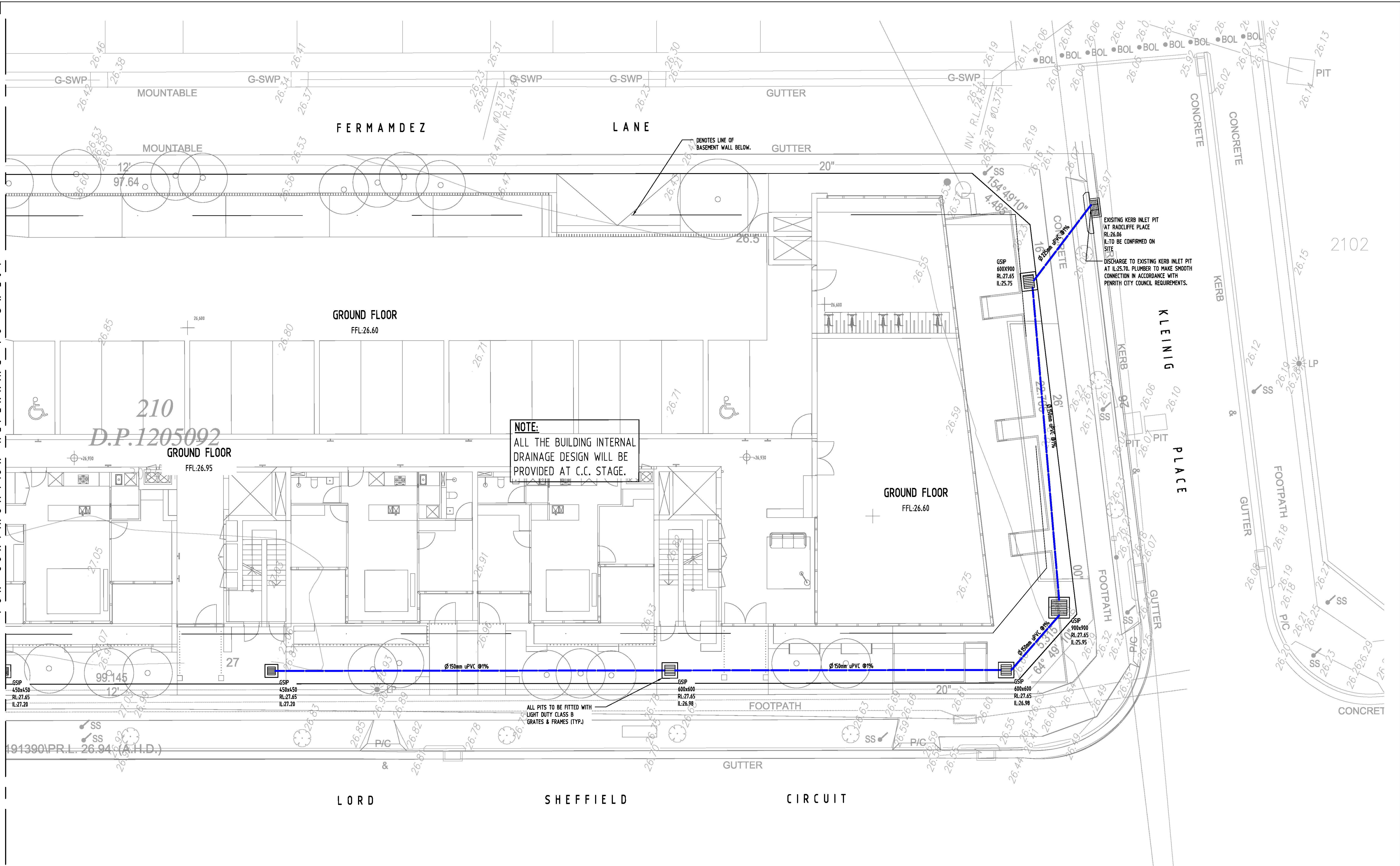
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DEVELOPMENT
LOT 210 LORD SHEFFIELD CIRCUIT, PENRITH



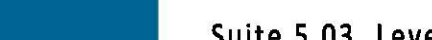

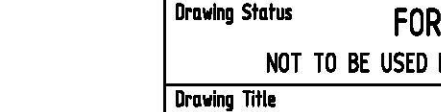
Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	6 of 10	1:100 @ A1

Drawing Status	FOR APPROVAL	
Drawing Title	NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Drawing Title	STORMWATER DRAINAGE DESIGN	
Drawing Title	BASEMENT 1 PLAN	
Drawing Title	SHEET 2 OF 2	
Project No	Drawing No	Revision No
20160273	SW203	A




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Reference Coordination Drawing				 <div>ENGINEERS AUSTRALIA Chartered Professional Engineer MEMBER</div>		QUALITY CONTROL		WARNING: THE DESIGN, DRAWINGS, SPECIFICATIONS AND THE COPYRIGHT HEREIN REMAIN THE SOLE INTELLECTUAL PROPERTY OF SGC CONSULTANTS PTY LTD AND MUST NOT BE COPIED, ALTERED OR REPRODUCED WHOLLY OR IN PART IN ANY FORM WITHOUT THE WRITTEN CONSENT OF SGC CONSULTANTS PTY LTD		Scales  SCALE 1:100 ON ORIGINAL SIZE		CLIENT 		ARCHITECT 		 <div>Suite 5.03, Level 5, 156 PACIFIC HIGHWAY ST. LEONARDS, NSW 2065 T: +61 2 8883 4239 Email: office@sgce.com.au Web: www.sgce.com.au</div> <div>A.B.N. 21 118 222 530</div>		PROJECT PROPOSED RESIDENTIAL DEVELOPMENT LOT 210 LORD SHEFFIELD CIRCUIT, PENRITH		Drawing Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Discipline				Drawing Title and Number		Date		Rev.		Drawing Title		STORMWATER DRAINAGE DESIGN		GROUND FLOOR PLAN		SHEET 2 OF 2		Project No		Drawing No		Revision No	
ARCH																		20160273		SW205		A	
ARCH																							
STRUCT																							
MECH																							
ELEC																							
HYD																							
PPE																							
LANDS																							
CIVIL																							
SURVEY																							

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A		ISSUE FOR SECTION 4.55		AA		26.03.2019		6	
Issue		Last revision title		by		Date		Status	

1-preliminary
4-tender

2-development application
5-construction

3-construction certificate
6-other

Issue internal sequence and revision history

RAINWATER OUTLET
SCALE 1:10

STEP IRONS

SCALE 1:10

CONFINED SPACE SIGN
SCALE 1:10

DOWNPIPE CONNECTION TO uPVC STORMWATER

SECTION

PLAN WITHOUT GRATE

PUMP OUT TANK
WATER PONDING DEPTH: 1.0m
WIDTH: 1.5m
LENGTH: 2.0m
VOLUME PROVIDED: 3.00m³

SUBSOIL PUMP OUT PIT (REFER TO SW200)
NOT TO SCALE


GRATED TRENCH DRAIN
SCALE 1:20

PLANTER DRAIN
SCALE 1:20


				Reference Coordination Drawing			
				Discipline	Drawing Title and Number	Date	Rev.
				ARCH			
				ARCH			
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				ELEC			
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				LANDS			
				CIVIL			
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Scales



0m 1 2 3 4 5

SCALE 1:100 ON ORIGINAL SIZE

CLIENT

URBAN

ARCHITECT

D K O



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PROJECT PROPOSED RESIDENTIAL DEVELOPMENT LOT 210 LORD SHEFFIELD CIRCUIT, PENRITH				Drawing Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES		
				Drawing Title STORMWATER DRAINAGE DESIGN DETAILS SHEET		
Grid	Datum	Sheet	Scale (at original size)	Project No	Drawing No	Revision No
-	A.H.D.	9 of 10	1:100 @ A1	20160273	SW300	A

MESH & GRAVEL INLET FILTER



1. FLOCCULATION TO BE USED IF WATER IS NOT CLEAR (ie. SEDIMENT GREATER THAN 50 mg/L) PRIOR TO DISCHARGING FROM TEMPORARY PUMP OUT
2. FOR RATES & AGENTS SEE APPENDIX E OF NEW SOUTH WALES DEPARTMENT OF HOUSING "MANAGING URBAN STORMWATER SOILS & CONSTRUCTION".

FLOCCULATION DETAIL
NOT TO SCALE



FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAT THE LENGTH OF THE INLET PIT

FILL THE SLEEVE WITH 25mm TO 50mm GRAVEL

FORM AN ELLIPTICAL CROSS-SECTION OF THE KERB INLET LEAVING A 100mm GAP AT THE TOP TO ACT AS AN EMERGENCY SPILLWAY

MAINTAIN THE OPENING WITH SPACER BLOCKS

FORM A SEAL WITH THE KERBING AND PREVENT SEDIMENT BYPASSING THE FILTER

FIT TO ALL KERB INLETS AT SAG POINTS



A.B.N. 21 118 222 53

PROJECT PROPOSED RESIDENTIAL DEVELOPMENT LOT 210 LORD SHEFFIELD CIRCUIT, PENRITH				Drawing Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES Drawing Title EROSION AND SEDIMENT CONTROL PLAN AND DETAILS		
Grid	Datum	Sheet	Scale (at original size)	Project No	Drawing No	Revision No
-	A.H.D.	10 of 10	1:200 @ A1	20160273	SW400	A