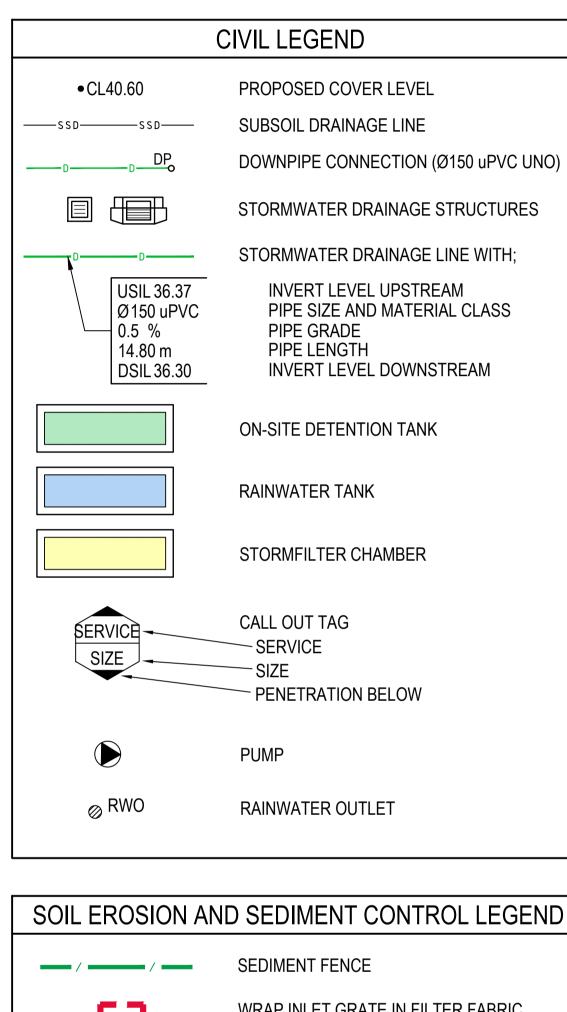
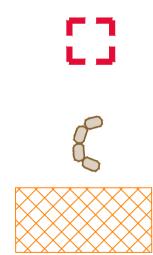
KINGSWOOD APARTMENTS AND HOTEL 180 GREAT WESTERN HIGHWAY AND 26 RODGERS STREET, KINGSWOOD NSW 2747 **CIVIL SERVICES**





WRAP INLET GRATE IN FILTER FABRIC. PROVIDE AT ALL EXISTING SURFACE STORMWATER PITS, RAINWATER OUTLETS AND TRENCH DRAINS.

SAND BAG SEDIMENT TRAP

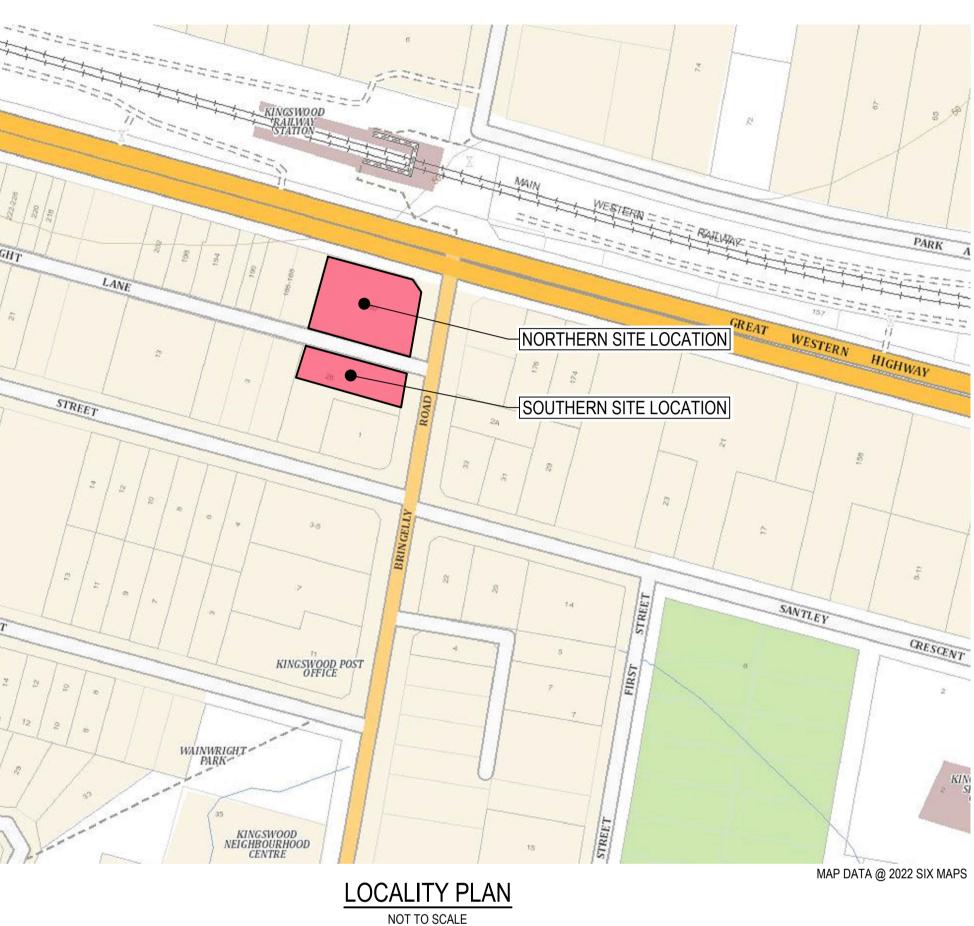
STABILISED CONSTRUCTION EXIT

C) COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd, ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: A ISSUE FOR DEVELOPMENT APPLICATION 31.10.22 RP JK Date Drawn Issue Description Approved

IRIS CAPITAL

EVEL 41/264 GEORGE STREET SYDNEY, NSW 2000 PHONE : (02) 9251 6498



	DRAWING INDEX	
DRAWING NUMBER	DRAWING TITLE	REVISION
C01-001	COVER SHEET, LEGENDS AND DRAWING INDEX	A
C01-101	CONSTRUCTION NOTES	A
C03-001	SOIL EROSION AND SEDIMENT CONTROL PLAN NORTH	A
C03-002	SOIL EROSION AND SEDIMENT CONTROL PLAN SOUTH	A
C03-101	SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS	A
C08-001	STORMWATER MANAGEMENT PLAN - NORTH GROUND FLOOR	A
C08-002	STORMWATER MANAGEMENT PLAN - NORTH BASEMENT 1	A
C08-003	STORMWATER MANAGEMENT PLAN - NORTH BASEMENT 2	A
C08-004	STORMWATER MANAGEMENT PLAN - NORTH BASEMENT 3	A
C08-005	STORMWATER MANAGEMENT PLAN - SOUTH GROUND FLOOR	A
C08-006	STORMWATER MANAGEMENT PLAN - SOUTH LOWER GROUND FLOOR	A
C08-007	STORMWATER MANAGEMENT PLAN - SOUTH BASEMENT 1	A
C08-008	STORMWATER MANAGEMENT PLAN - SOUTH BASEMENT 2	A
C08-301	STORMWATER DETAILS SHEET 1	A
C08-302	STORMWATER DETAILS SHEET 2	A
C08-303	STORMWATER DETAILS SHEET 3	A



SQUILLACE

1/80 ALBION STREET

PHONE : (02) 8354 1300

SURRY HILLS, NSW 2010

squillace ARCHITECTURE / INTERIORS



ACOR Consultants Pty Ltd Project Suite 2, Level 1, 33 Herbert Street St Leonards NSW 2065 T +61 2 9438 5098



180 GREAT WESTERN HIGHWAY AND 26 RODGERS STREET KINGSWOOD, NSW 2747

DIAL BEFORE YOU DIG



IMPORTANT: THE CONTRACTOR IS TO MAINTAIN A CURRENT SET OF "DIAL BEFORE YOU DIG" DRAWINGS ON SITE AT ALL TIMES.

NOT FOR CONSTRUCTION

KINGSWOOD APARTMENTS AND HOTEL

Drawing Title COVER SHEET, LEGENDS AND DRAWING INDEX

Drawn	Date	Scale A1	Q.A. Check	Date	4:39pm
RP	OCT 2022	N/A			
Designed	Project No.		Dwg. No.		, 2022
JK	NSV	V220991	C01-001		Oct 31

GENERAL NOTES

- 1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND STRUCTURAL CONSULTANTS DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED.
- 2. ALL DIMENSIONS RELEVANT TO SETTING OUT AND OFF-SITE WORK SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION
- 3. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.
- 4. ALL DIMENSIONS ON DETAILS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. ALL PLANS AND LEVELS ARE EXPRESSED IN METRES.
- 5. DURING CONSTRUCTION THE CONTRACTOR SHALL BE **RESPONSIBLE FOR MAINTAINING THE STRUCTURAL STABILITY** OF THE WORKS AND ENSURE NO PARTS BE OVER STRESSED UNDER CONSTRUCTION ACTIVITIES.
- 6. WORKMANSHIP AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RELEVANT CURRENT S.A.A. CODES INCLUDING ALL AMENDMENTS. AND THE LOCAL STATUTORY AUTHORITIES. EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- 7. THE APPROVAL OF A SUBSTITUTION SHALL BE SOUGHT FROM ACOR CONSULTANTS / PRINCIPAL'S REPRESENTATIVE BUT IS NOT AN AUTHORISATION FOR A VARIATION. ANY VARIATIONS INVOLVED MUST BE TAKEN UP WITH ACOR CONSULTANTS / PRINCIPAL'S REPRESENTATIVE BEFORE THE WORK COMMENCES.
- 8. ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE ENGINEER FOR A DECISION BEFORE PROCEEDING WITH THE WORK.
- 9. THE CONTRACTOR SHALL GIVE 48 HOURS NOTICE FOR ALL ENGINEERING INSPECTIONS. ALL INSPECTIONS AND CERTIFICATIONS TO BE INCLUDED IN CONTRACTORS COST.
- 10. BUILDING FROM THESE DRAWINGS IS NOT TO COMMENCE UNTIL APPROVED BY THE PRINCIPAL CERTIFYING AUTHORITY.
- 11. THE WORD 'ENGINEER' USED IN THESE NOTES REFER TO AN EMPLOYEE OR NOMINATED REPRESENTATIVE OF ACOR CONSULTANTS PTY LTD.
- 12. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE RELEVANT CURRENT WORKPLACE HEALTH AND SAFETY LEGISLATION.

CCOPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd, ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must

SITEWORKS NOTES

- 1. ORIGIN OF LEVELS :- AUSTRALIAN HEIGHT DATUM (A.H.D.)
- 2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
- ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATIONS A THE DIRECTIONS OF THE PRINCIPAL'S REPRESENTATIVE.
- EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED D 4 AND AS SUCH THEIR ACCURACY CANNOT BE GUARANTEED. THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH T LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALI REPORTED TO THE PRINCIPAL'S REPRESENTATIVE. CLEARAN SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHOR
- WHERE NEW WORKS ABUT EXISTING THE CONTRACTOR SHA 5. ENSURE THAT A SMOOTH EVEN PROFILE. FREE FROM ABRUP CHANGES IS OBTAINED.
- THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO CARRIED OUT BY A REGISTERED SURVEYOR.
- CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER COMMUNICATIONS OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.
- 8. ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SH BE BACKFILLED WITH AN APPROVED NON-NATURAL GRANULA MATERIAL AND COMPACTED TO 98% STANDARD MAXIMUM DF DENSITY IN ACCORDANCE WITH AS.1289.5.1.1.
- 9. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO SAME DENSITY AS THE ADJACENT MATERIAL.
- 10. ON COMPLETION OF PIPE INSTALLATION ALL DISTURBED ARE MUST BE RESTORED TO ORIGINAL, INCLUDING KERBS FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED ARE AND ROAD PAVEMENTS.
- 11. PROVIDE 10mm WIDE EXPANDING CORK JOINTS BETWEEN CONCRETE PAVEMENTS AND ALL BUILDINGS . WALLS, FOOTIN COLUMNS, KERBS, DISH DRAINS, GRATED DRAINS, BOLLARD FOOTINGS ETC
- 12. CONTRACTOR TO OBTAIN ALL AUTHORITY APPROVALS.
- 13. ALL BATTERS TO BE GRASSED LINED WITH MINIMUM 100 TOP AND APPROVED COUCH LAID AS TURF.
- 14. MAKE SMOOTH TRANSITION TO EXISTING SERVICES AND MAK GOOD.
- 15. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY DIVERSION DRAINS AND MOUNDS TO ENSURE THAT AT ALL TIMES EXPOSED SURFACES ARE FREE DRAINING AND WHERE NECESSARY EXCAVATE SUMPS AND PROVIDE PUMPING EQUIPMENT TO DRAIN EXPOSED AREAS.
- 16. TRENCHES THROUGH EXISTING ROAD AND CONCRETE PAVEMENTS SHALL BE SAWCUT TO FULL DEPTH OF CONCRETE AND A MIN 50mm IN BITUMINOUS PAVING.
- 17. ALL BRANCH GAS AND WATER SERVICES UNDER DRIVEWAYS AND BRICK PAVING SHALL BE LOCATED IN Ø80 uPVC SEWER GRADE CONDUITS EXTENDING A MIN OF 500mm PAST PAVING.
- 18. ON COMPLETION OF WORKS ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL INCLUDING. BUT NOT LIMITED TO. KERBS, FOOTPATHS, CONCRETE AREAS, GRASS AND LANDSCAPED AREAS.

not b	e used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.					
This drawir	ng has been assigned an electronic code that signifies the drawing has been checked and approved by:					Client
					North	IRIS CAPITAL
Α	ISSUE FOR DEVELOPMENT APPLICATION	31.10.22	RP	JK		LEVEL 41/264 GEORGE
Issue	Description	Date	Drawn	Approved		SYDNEY, NSW 2000
-1 0	10cm 10cm			20cm		PHONE : (02) 9251 6498

EXISTING SERVICES AND FEATURES

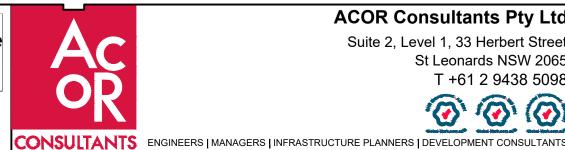
	ΕX	ISTING SERVICES AND FEATURES
) IE	1.	THE CONTRACTOR SHALL ALLOW FOR THE CAPPING OFF, EXCAVATION, REMOVAL AND DISPOSAL IF REQUIRED OF ALL EXISTING SERVICES IN AREAS AFFECTED BY WORKS WITHIN THE CONTRACT AREA, AS SHOWN ON THE DRAWINGS UNLESS DIRECTED OTHERWISE BY THE PRINCIPAL'S REPRESENTATIVE.
AND	2.	THE CONTRACTOR SHALL ENSURE THAT AT ALL TIMES SERVICES TO ALL BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED.
DATA IT IS THE THE L BE	3.	PRIOR TO COMMENCEMENT OF ANY WORKS THE CONTRACTOR SHALL GAIN WRITTEN APPROVAL OF THEIR PROGRAMME FOR THE RELOCATION/CONSTRUCTION OF TEMPORARY SERVICES.
NCES RITY.	4.	EXISTING BUILDINGS, EXTERNAL STRUCTURES, AND TREES SHOWN ON THESE DRAWINGS ARE FEATURES EXISTING PRIOR TO ANY DEMOLITION WORKS.
PT O BE	5.	CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS REMAINING IN OPERATION DURING WORKS TO THE SATISFACTION AND APPROVAL OF THE PRINCIPAL'S REPRESENTATIVE. ONCE DIVERSION IS COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL SUCH TEMPORARY SERVICES AND MAKE GOOD TO THE SATISFACTION OF THE PRINCIPAL'S REPRESENTATIVE.
IALL AR RY	6.	INTERRUPTION TO SUPPLY OF EXISTING SERVICES SHALL BE DONE SO AS NOT TO CAUSE ANY INCONVENIENCE TO THE PRINCIPAL. CONTRACTOR TO GAIN APPROVAL OF PRINCIPAL'S REPRESENTATIVE FOR TIME OF INTERRUPTION.
THE		
EAS		
EAS		
INGS,		
PSOIL		
KE		

STORMWATER NOTES

- ALL 375 DIA. DRAINAGE PIPES AND LARGER SHALL BE CLASS "2" APPROVED SPIGOT AND SOCKET FRC OR RCP PIPES WITH RUBBER RING JOINTS. (U.N.O.) ALL DOWNPIPE DRAINAGE LINES SHALL BE SEWER GRADE uPVC WITH SOLVENT WELD JOINTS. (U.N.O.)
- 2. EQUIVALENT STRENGTH REINFORCED CONCRETE PIPES MAY BE USED.
- 3. ALL PIPE JUNCTIONS UP TO AND INCLUDING 450 DIA. AND TAPERS SHALL BE VIA PURPOSE MADE FITTINGS.
- MINIMUM GRADE TO STORMWATER LINES TO BE 1%. (U.N.O.) 4.
- 5. CONTRACTOR TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISSIMILAR PIPEWORK.
- 6. ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH.
- PRECAST PITS SHALL NOT BE USED UNLESS WRITTEN APPROVAL 7. IS OBTAINED FROM THE ENGINEER.
- 8. WHERE TRENCHES ARE IN ROCK, THE PIPE SHALL BE BEDDED ON A MIN. 50MM CONCRETE BED (OR 75MM THICK BED OF 12MM BLUE METAL) UNDER THE BARREL OF THE PIPE. THE PIPE COLLAR AT NO POINT SHALL BEAR ON THE ROCK. IN OTHER THAN ROCK. PIPES SHALL BE LAID ON A 75MM THICK SAND BED. IN ALL CASES BACKFILL THE TRENCH WITH SAND TO 200MM ABOVE THE PIPE. WHERE THE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH WITH SAND OR APPROVED GRANULAR BACKFILL COMPACTED IN 150MM LAYERS TO 98% STANDARD MAX. DRY DENSITY.
- BEDDING SHALL BE (U.N.O.) TYPE HS2, IN ACCORDANCE WITH 9 CURRENT RELEVANT AUSTRALIAN STANDARDS.
- 10. WHERE STORMWATER LINES PASS UNDER FLOOR SLABS SEWER GRADE RUBBER RING JOINTS ARE TO BE USED.
- 11. WHERE SUBSOIL DRAINAGE LINES PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS UNSLOTTED UPVC SEWER GRADE PIPE SHALL BE USED.
- 12. PROVIDE 3.0M LENGTH OF 100 DIA. SUBSOIL DRAINAGE PIPE WRAPPED IN FABRIC SOCK, AT UPSTREAM END OF EACH PIT.



squillace ARCHITECTURE / INTERIORS



ACOR Consultants Pty Ltd Project Suite 2, Level 1, 33 Herbert Street KINGSWOOD APARTMENTS AND HOTEL St Leonards NSW 2065 T +61 2 9438 5098 O

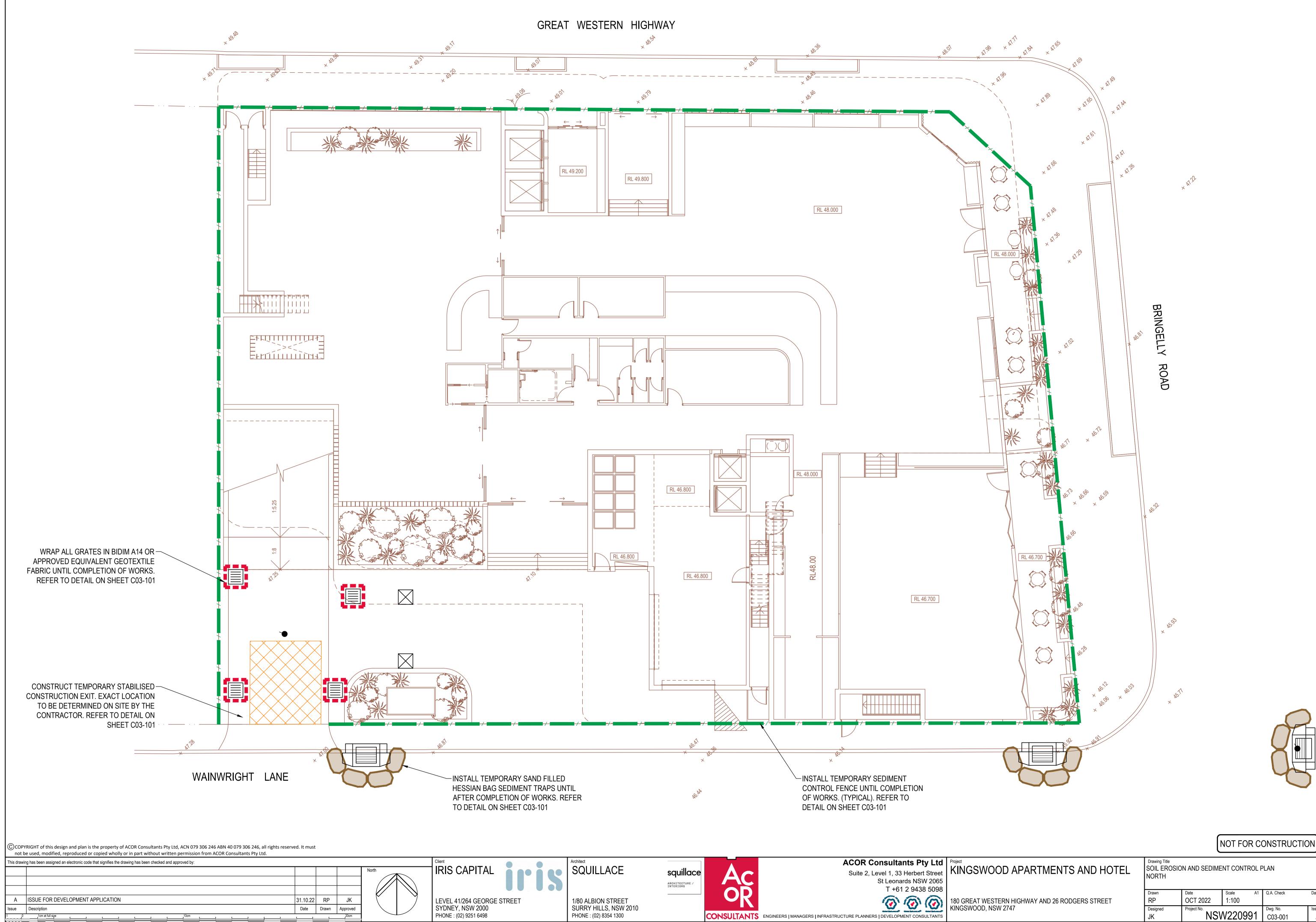
1/80 ALBION STREET SURRY HILLS, NSW 2010 PHONE : (02) 8354 1300

Drawing Title

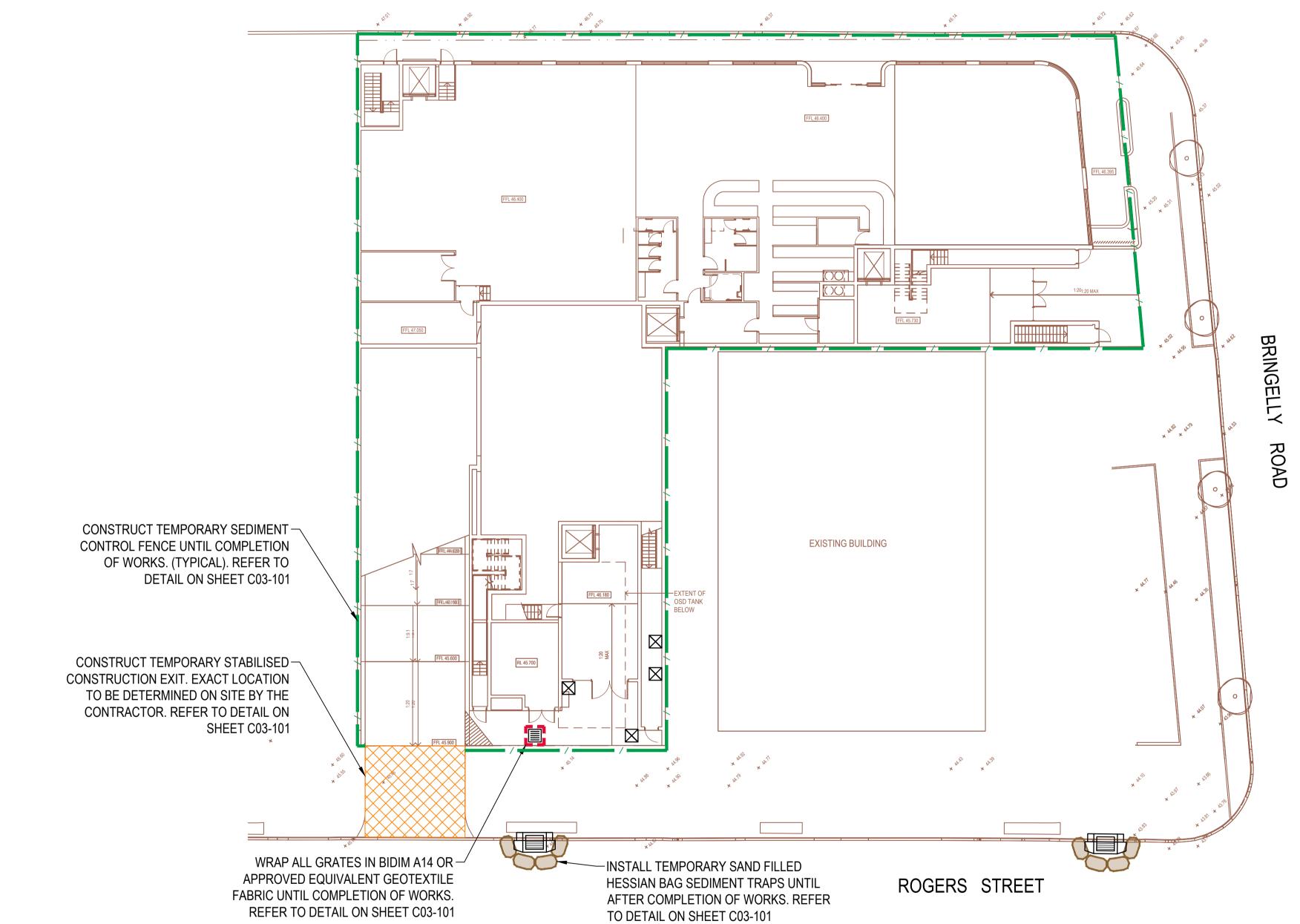
180 GREAT WESTERN HIGHWAY AND 26 RODGERS STR	EET
KINGSWOOD, NSW 2747	

CONSTRUCTION NOTES

Drawn	Date	Scale	A1	Q.A. Check	Date
RP	OCT 2022	N/A			
Designed	Project No.			Dwg. No.	Issue
JK	NS'	NSW220991		C01-101	А



Date Issue А



REFER TO DETAIL ON SHEET C03-101

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd, ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawir	ig has been assigned an electronic code that signifies the drawing has been checked and approved by:				
					North
А	ISSUE FOR DEVELOPMENT APPLICATION	31.10.22	RP	JK	
Issue	Description	Date	Drawn	Approved	
10	10cm at full size			20cm	

IRIS CAPITAL

LEVEL 41/264 GEORGE STREET SYDNEY, NSW 2000 PHONE : (02) 9251 6498



SQUILLACE

1/80 ALBION STREET SURRY HILLS, NSW 2010 PHONE : (02) 8354 1300

Architect



ACOR Consultants Pty Ltd Suite 2, Level 1, 33 Herbert Street St Leonards NSW 2065 Project KINGSWOOD APARTMENTS AND HOTEL T +61 2 9438 5098

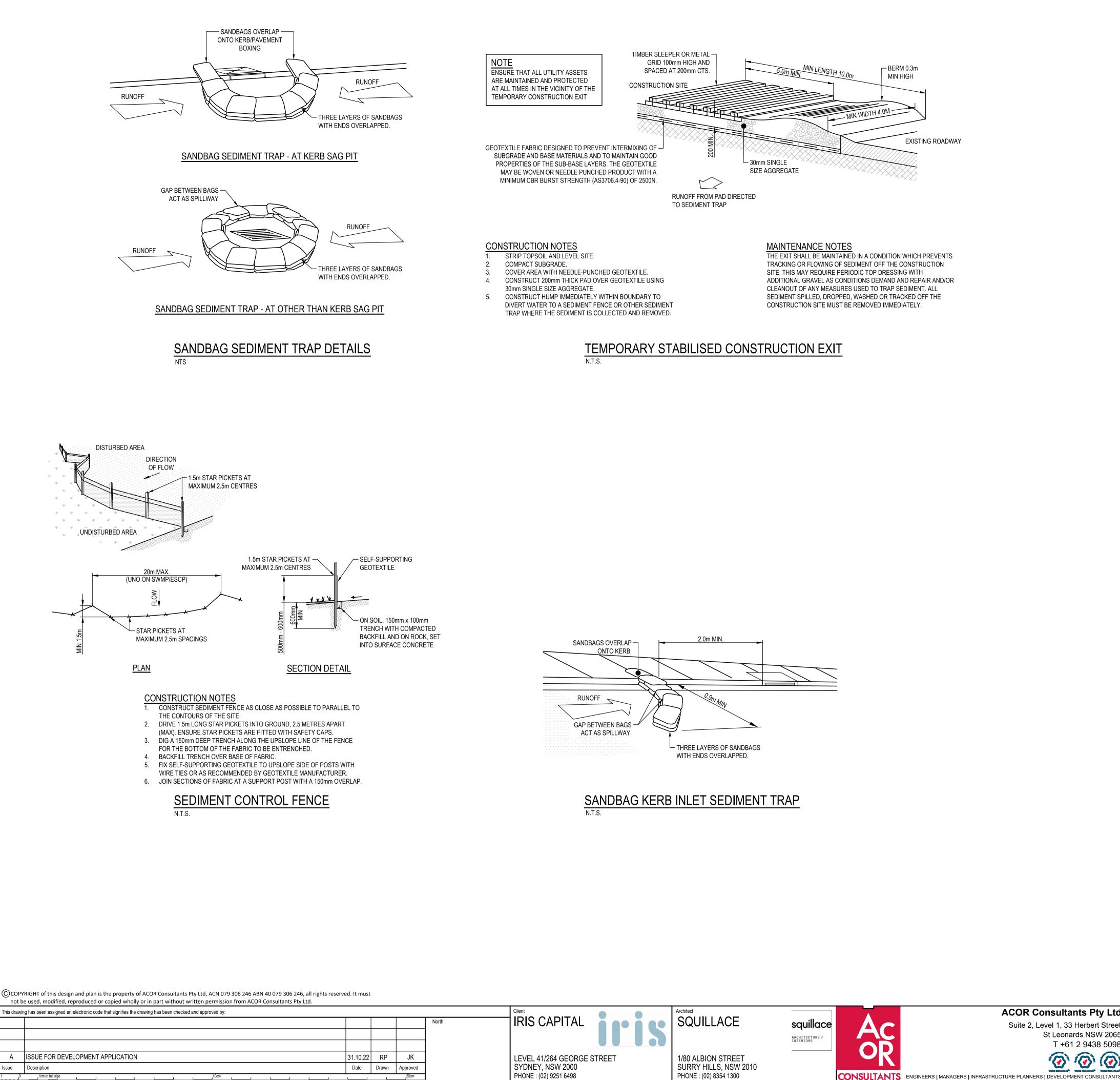
ARCHITECTURE / INTERIORS

180 GREAT WESTERN HIC KINGSWOOD, NSW 2747



IIGHWAY	AND 26	RODGERS	STREET
			••••

Drawing Title SOIL EROSION AND SEDIMENT CONTROL PLAN SOUTH						
Drawn	Date	Scale	A1	Q.A. Check	Date	
RP	OCT 2022	1:200				
Designed	Project No.		• •	Dwg. No.	Issue	
JK	NSW220991			C03-002	Α	



ACOR Consultants Pty Ltd Project Suite 2, Level 1, 33 Herbert Street KINGSWOOD AF St Leonards NSW 2065 T +61 2 9438 5098 @ @ @

180 GREAT WESTERN HIC KINGSWOOD, NSW 2747

EROSION AND SEDIMENT CONTROL NOTES

GENERAL INSTRUCTIONS

- E1. THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS, AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED AND RELATING TO DEVELOPMENT AT THE SUBJECT SITE.
- E2. THE PRINCIPAL'S REPRESENTATIVE WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE UNDERTAKEN AS INSTRUCTED IN THIS SPECIFICATION AND CONSTRUCTED FOLLOWING THE GUIDELINES OF "MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION", DEPT OF HOUSING, 2004 (BLUE BOOK).
- E3. ALL BUILDERS AND SUB-CONTRACTORS WILL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.

CONSTRUCTION SEQUENCE

- E4. THE SOIL EROSION POTENTIAL ON THIS SITE SHALL BE MINIMISED. HENCE WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE :
 - a. INSTALL SEDIMENT FENCES, TEMPORARY CONSTRUCTION EXIT AND SANDBAG KERB INLET SEDIMENT TRAP
 - UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

- E5. DURING WINDY CONDITIONS, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
- E6. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

FENCING

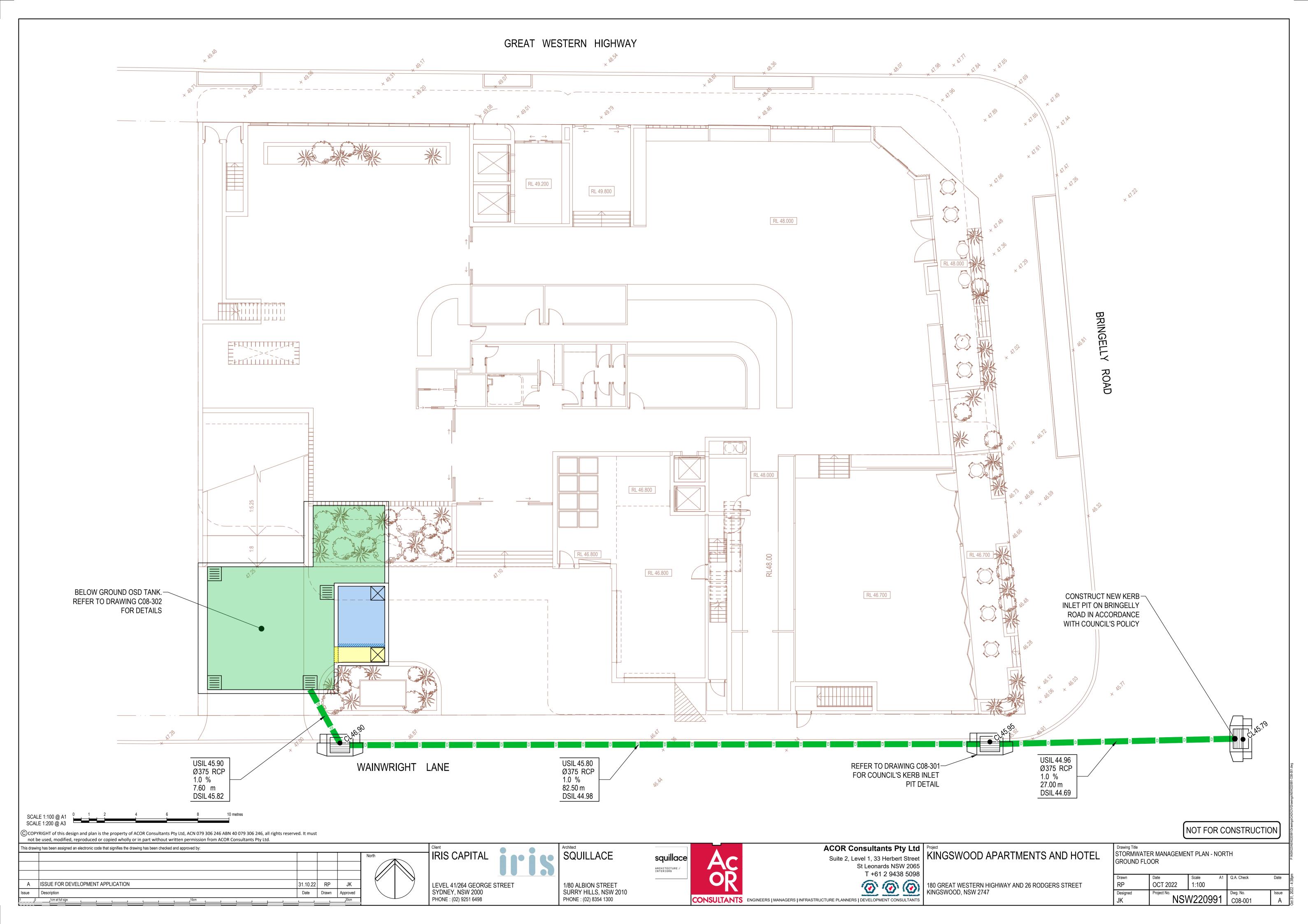
- E7. STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
- E8. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
- E9. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
- E10. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

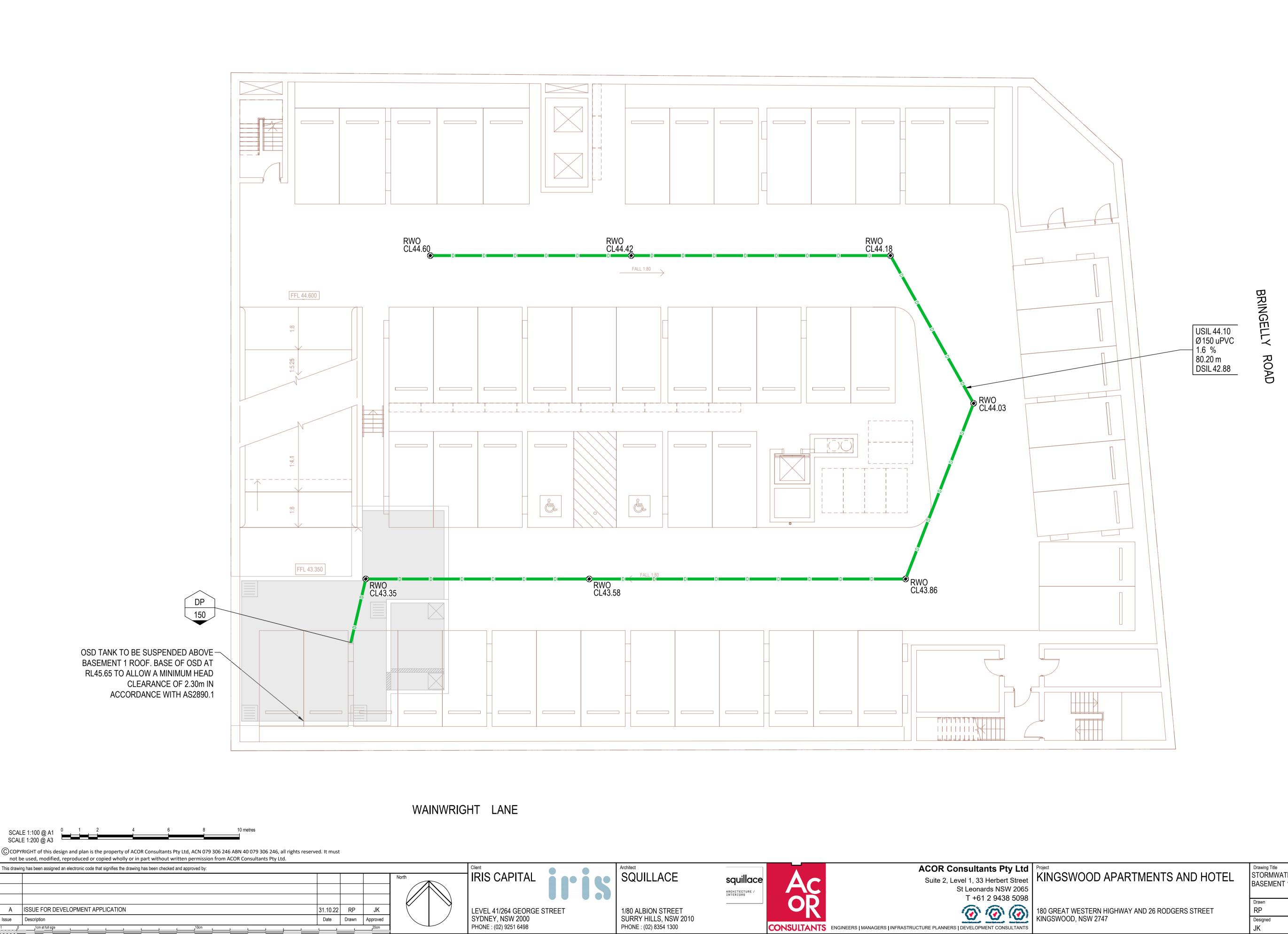
OTHER MATTERS

- E11. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- E12. RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN A MANNER APPROVED BY THE PRINCIPAL'S REPRESENTATIVE.
- SITE INSPECTION & MAINTENANCE

E13. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AFTER RAINFALL EVENTS TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIR AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED.

PARTMENTS AND HOTEL	Drawing Title SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS						
GHWAY AND 26 RODGERS STREET	Drawn RP	Date OCT 2022	Scale A1 AS SHOWN	Q.A. Check	Date	:2 - 4:38pm	
	Designed JK	Project No.	V220991	Dwg. No. C03-101	٨	oct 31, 202	



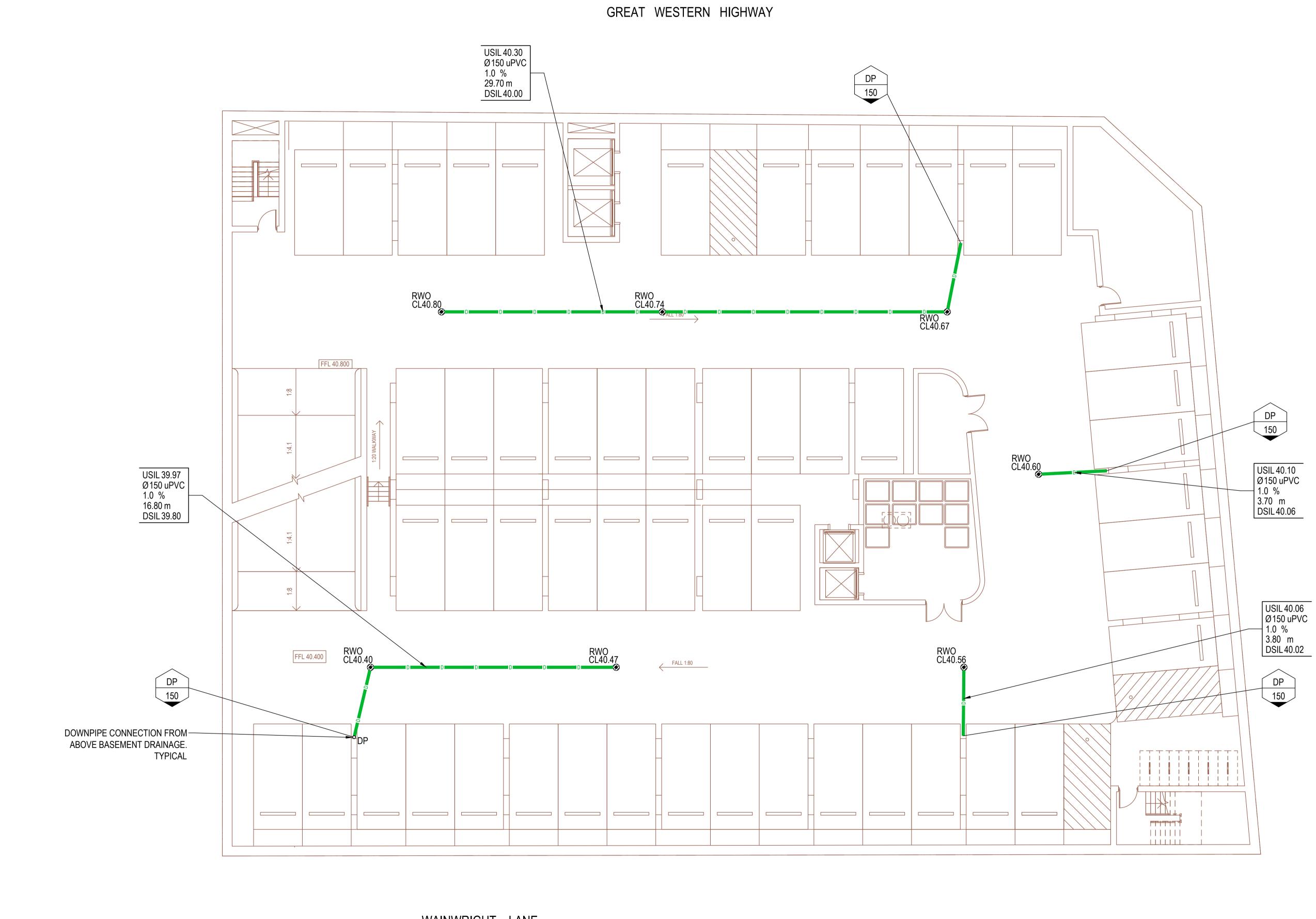


GREAT WESTERN HIGHWAY

PHONE : (02) 8354 1300

NOT FOR CONSTRUCTION	١

STORMWATER MANAGEMENT PLAN - NORTH BASEMENT 1 A1 Q.A. Check Scale Date Date 1:100 OCT 2022 Issue Project No Dwg. No. NSW220991 C08-002 А



WAINWRIGHT LANE

4 6 8 10 metres SCALE 1:100 @ A1 SCALE 1:200 @ A3

COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd, ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawin	ng has been assigned an electronic code that signifies the drawing has been checked and approved by:				
					North
А	ISSUE FOR DEVELOPMENT APPLICATION	31.10.22	RP	JK	
Issue	Description	Date	Drawn	Approved	
1 0	10cm at full size 10cm			20cm	

IRIS CAPITAL

LEVEL 41/264 GEORGE STREET SYDNEY, NSW 2000 PHONE : (02) 9251 6498



SQUILLACE

1/80 ALBION STREET SURRY HILLS, NSW 2010

PHONE : (02) 8354 1300

Architect



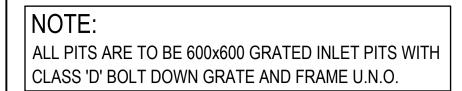
ACOR Consultants Pty Ltd Suite 2, Level 1, 33 Herbert Street St Leonards NSW 2065 T +61 2 9438 5098

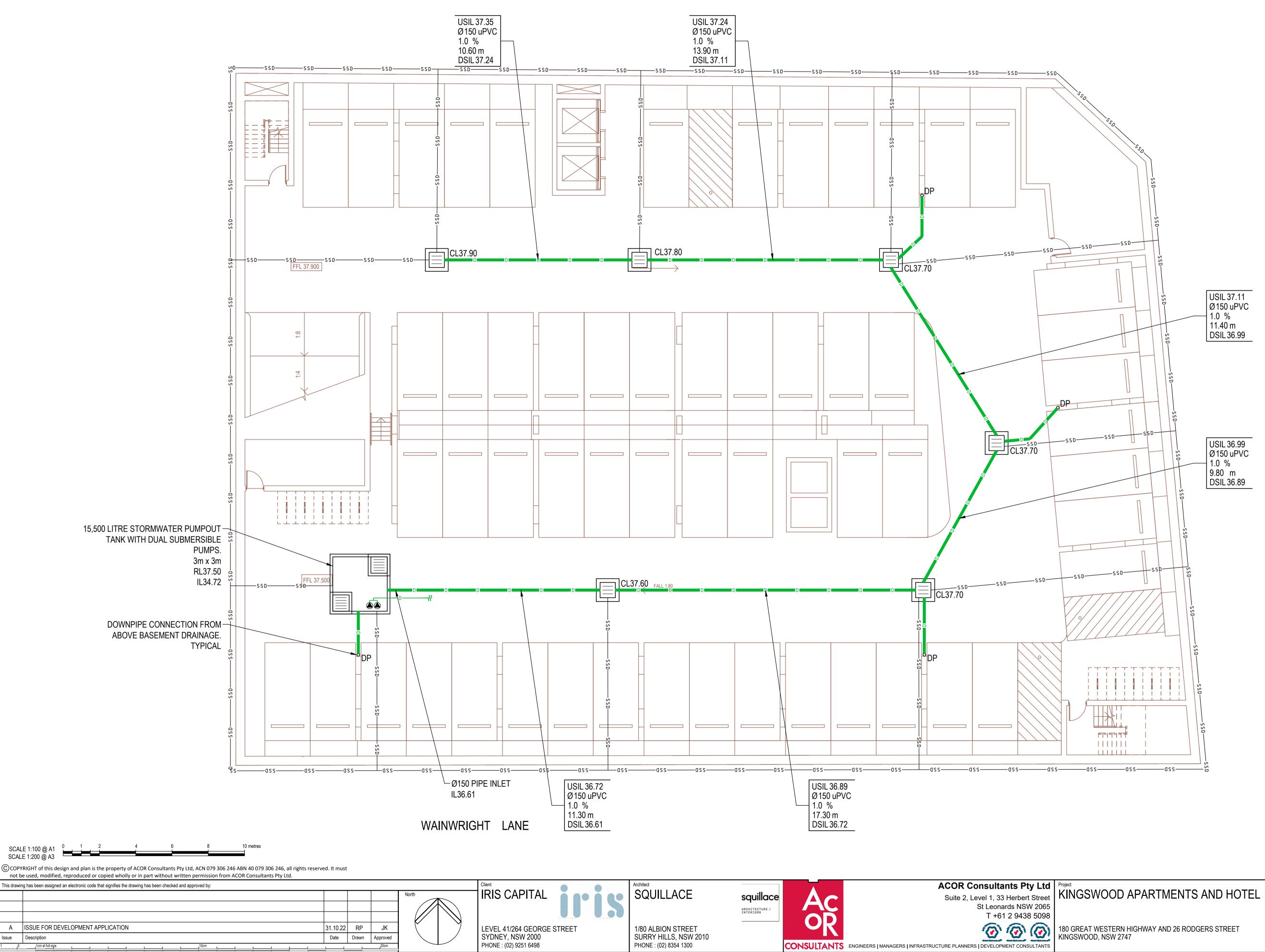
NOT FOR CONSTRUCTION

BRINGELLY ROAD

180 GREAT WESTERN HIGHWAY AND 26 RODGERS STREET KINGSWOOD, NSW 2747

Drawing Title STORMWATER MANAGEMENT PLAN - NORTH BASEMENT 2						
Drawn RP	Date OCT 2022	Scale A1 1:100	Q.A. Check	Date		
Designed JK	Project No.	V220991	Dwg. No. C08-003	Issue E		





GREAT WESTERN HIGHWAY

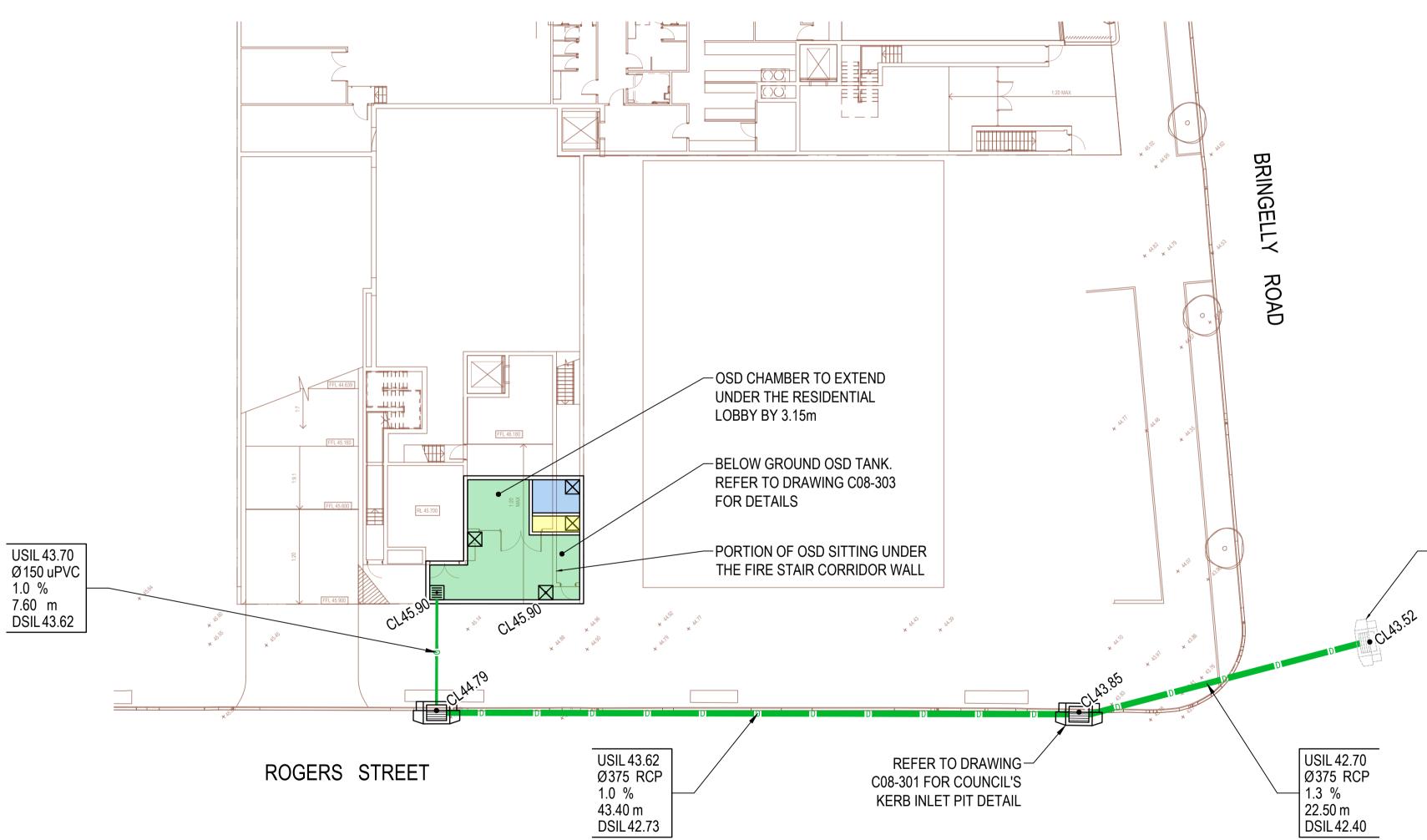
PHONE : (02) 8354 1300

NOT FOR CONSTRUCTION

BRINGELLY

ROAD

Drawing Title STORMWATER MANAGEMENT PLAN - NORTH BASEMENT 3 A1 Q.A. Check Date Drawı Date Scale RP 1:100 OCT 2022 Designed Project No Dwg. No. Issue NSW220991 008-004 А .IK



16 20 metres SCALE 1:200 @ A1 SCALE 1:400 @ A3

.1cm at full siz

COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd, ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd. This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: A ISSUE FOR DEVELOPMENT APPLICATION 31.10.22 RP JK Date Drawn Approved Issue Description

10cm

North

IRIS CAPITAL

LEVEL 41/264 GEORGE STREET SYDNEY, NSW 2000 PHONE : (02) 9251 6498



SQUILLACE

rchitect



ARCHITECTURE / INTERIORS

ACOR Consultants Pty Ltd Suite 2, Level 1, 33 Herbert Street St Leonards NSW 2065 Project KINGSWOOD APARTMENTS AND HOTEL T +61 2 9438 5098

1/80 ALBION STREET SURRY HILLS, NSW 2010 PHONE : (02) 8354 1300

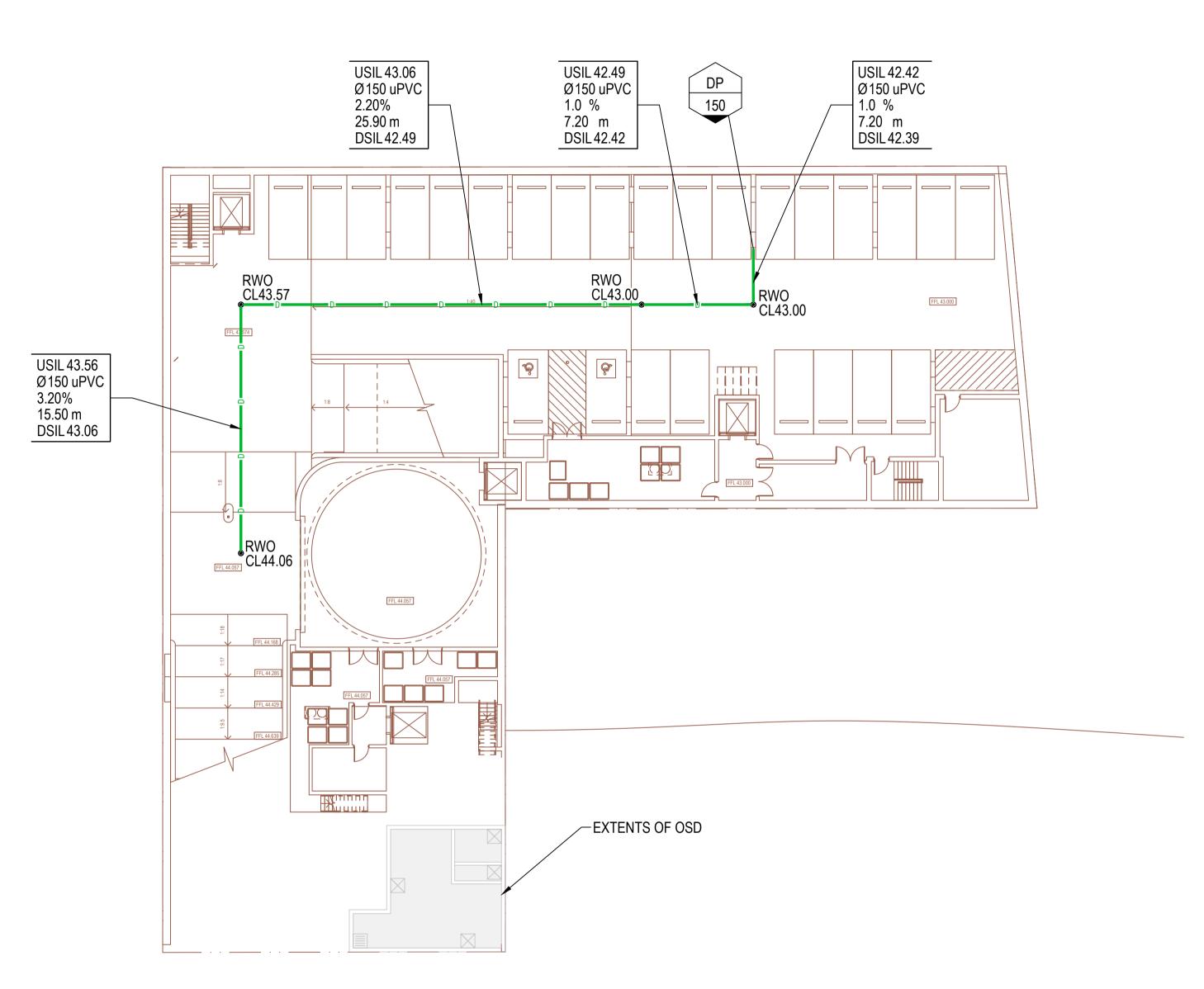
180 GREAT WESTERN HIC KINGSWOOD, NSW 2747

- CONNECT STORMWATER TO EXISTING KERB INLET PIT ON BRINGELLY ROAD

NOT FOR CONSTRUCTION

IGHWAY	AND 26	RODGERS	STREET

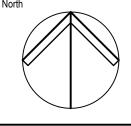
Drawing Title STORMWATER MANAGEMENT PLAN - SOUTH GROUND FLOOR A1 Q.A. Check Scale 1:200 Date Drawn Date RP OCT 2022 NSW220991 Dwg. No. C08-005 Issue Designed Project No А .IK



12 16 20 metres SCALE 1:200 @ A1 6 2 4 SCALE 1:400 @ A3

COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd, ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:									
					North				
Α	ISSUE FOR DEVELOPMENT APPLICATION	31.10.22	RP	JK					
Issue	Description	Date	Drawn	Approved					
10	10cm at full size			20cm					



IRIS CAPITAL

LEVEL 41/264 GEORGE STREET SYDNEY, NSW 2000 PHONE : (02) 9251 6498



SQUILLACE

Architect

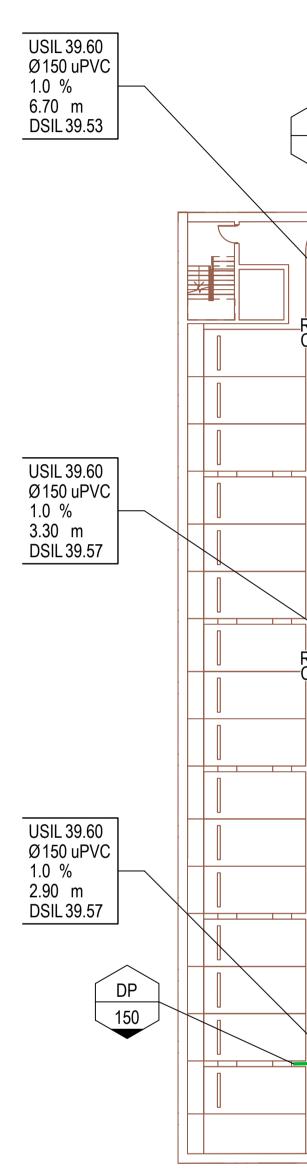


ACOR Consultants Pty Ltd Suite 2, Level 1, 33 Herbert Street St Leonards NSW 2065 Project KINGSWOOD APARTMENTS AND HOTEL T +61 2 9438 5098

180 GREAT WESTERN HIGHWAY AND 26 RODGERS STREET KINGSWOOD, NSW 2747

1/80 ALBION STREET SURRY HILLS, NSW 2010 PHONE : (02) 8354 1300

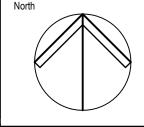
Drawing Title STORMWATER MANAGEMENT PLAN - SOUTH LOWER GROUND FLOOR						
Drawn	Date	Scale	A1	Q.A. Check	Date	
RP	OCT 2022 1:200					
Designed	Project No.		• •	Dwg. No.	lssue	
JK	NSW220991			C08-006	А	



12 16 20 metres SCALE 1:200 @ A1

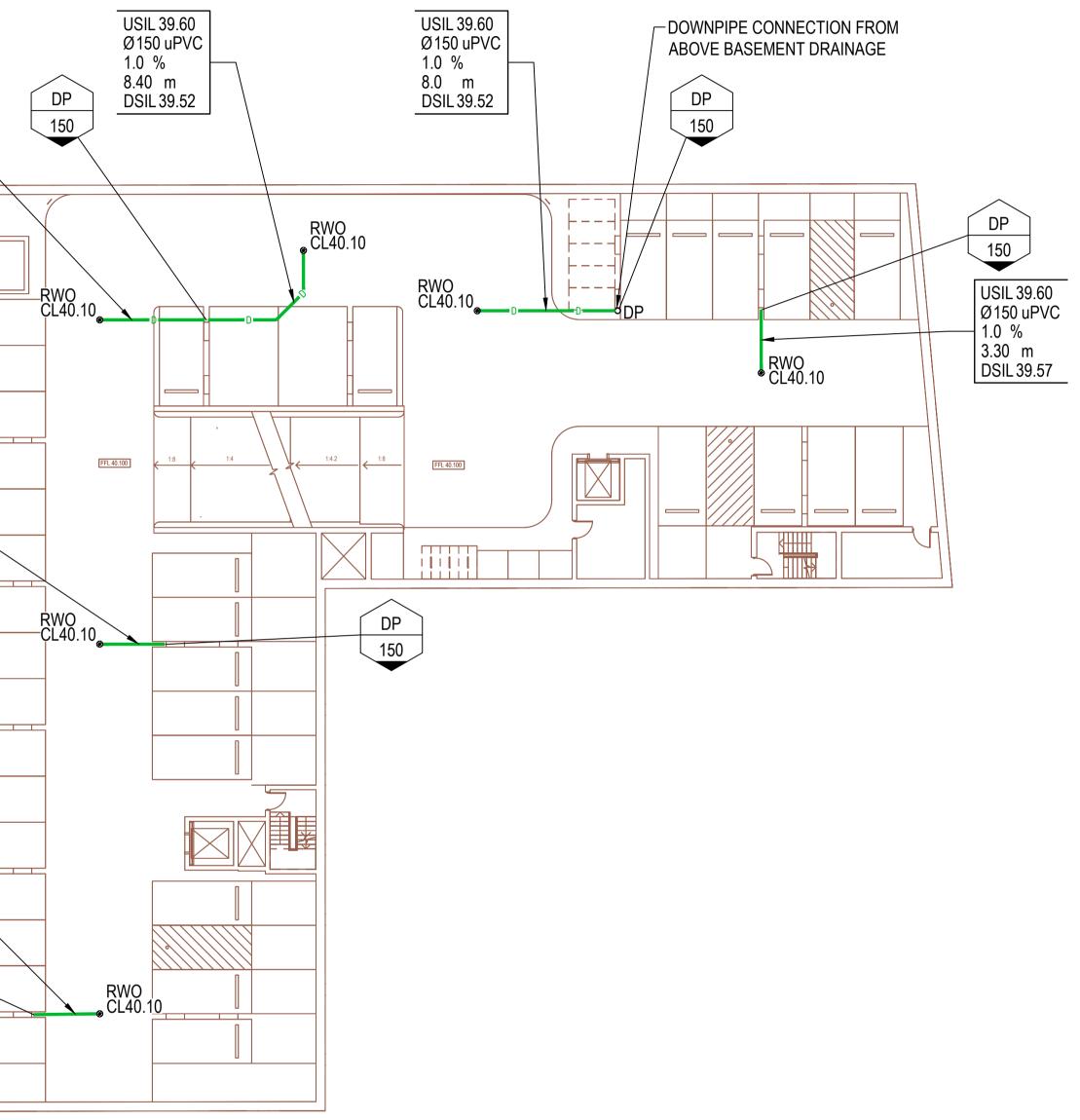
COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd, ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawin	ng has been assigned an electronic code that signifies the drawing has been checked and approved by:				
					North
А	ISSUE FOR DEVELOPMENT APPLICATION	31.10.22	RP	JK	ľ ľ
Issue	Description	Date	Drawn	Approved	
.1 0	1cm at full size			20cm	



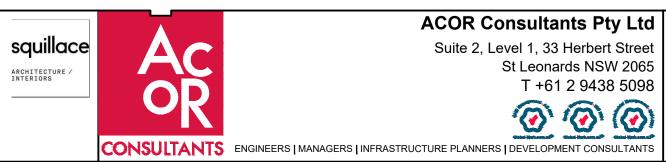
IRIS CAPITAL

LEVEL 41/264 GEORGE STREET SYDNEY, NSW 2000 PHONE : (02) 9251 6498





Architect SQUILLACE



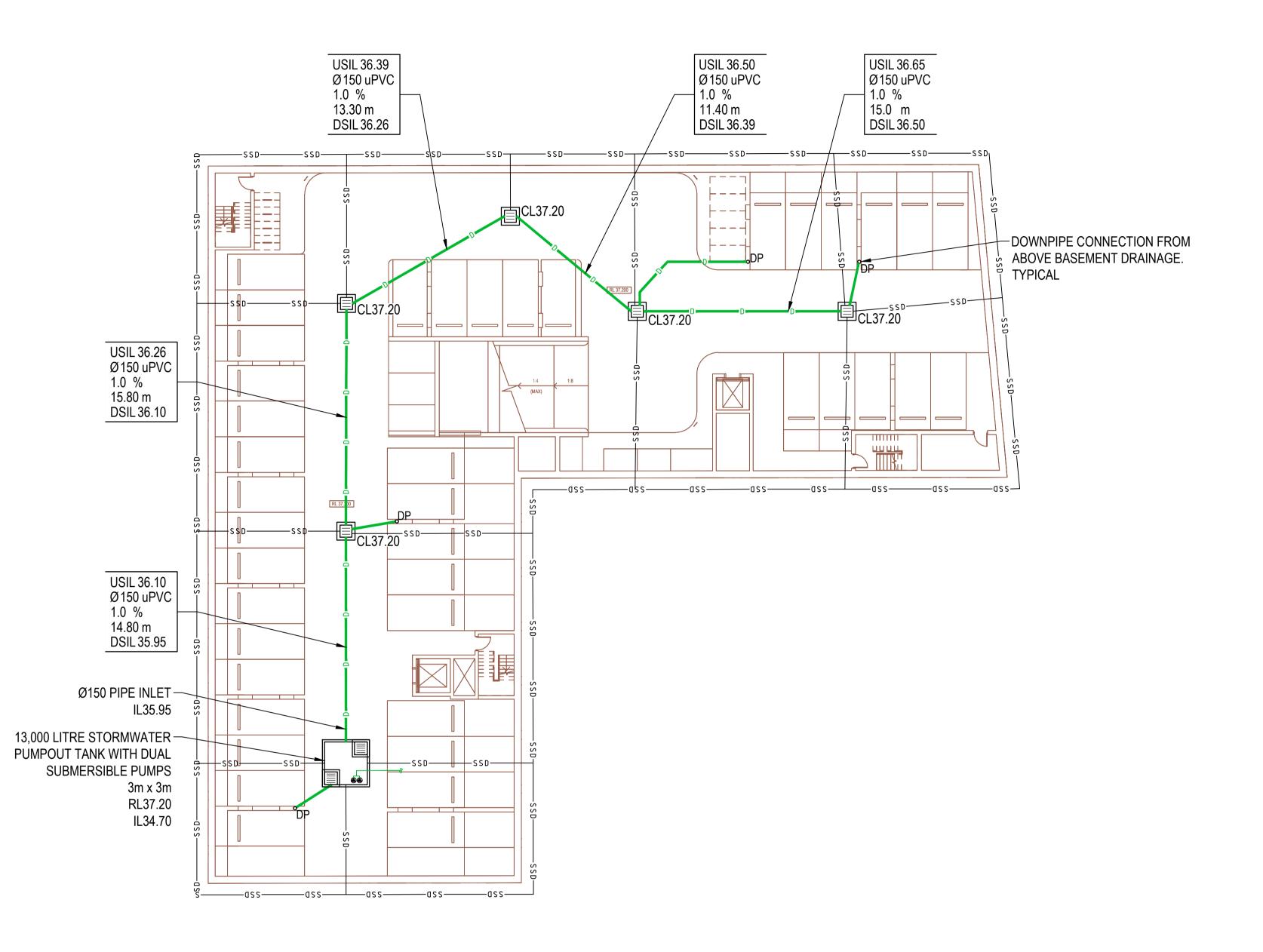
ACOR Consultants Pty Ltd Suite 2, Level 1, 33 Herbert Street St Leonards NSW 2065 Project KINGSWOOD APARTMENTS AND HOTEL T +61 2 9438 5098

180 GREAT WESTERN HIGHWAY AND 26 RODGERS STREET KINGSWOOD, NSW 2747

1/80 ALBION STREET SURRY HILLS, NSW 2010 PHONE : (02) 8354 1300

Drawing Title STORMWATER MANAGEMENT PLAN - SOUTH BASEMENT 1 Drawn Date Scale A1 Q.A. Check Date RP OCT 2022 1:200 Designed Project No. Issue		JK		<u> V2209</u>	91	C08-007	А
Drawn Date Scale A1 Q.A. Check Date RP OCT 2022 1:200		Designed				Dwg. No.	Issue
BASEMENT 1					A1	Q.A. Check	Date

NOTE: ALL PITS ARE TO BE 600x600 GRATED INLET PITS WITH CLASS 'D' BOLT DOWN GRATE AND FRAME U.N.O.



12 16 20 metres 8 SCALE 1:200 @ A1 SCALE 1:400 @ A3

COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd, ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawin	This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:								
					North				
Α	ISSUE FOR DEVELOPMENT APPLICATION	31.10.22	RP	JK					
Issue	Description	Date	Drawn	Approved					
1 0	10m at full size			20cm					



LEVEL 41/264 GEORGE STREET SYDNEY, NSW 2000 PHONE : (02) 9251 6498



SQUILLACE

PHONE : (02) 8354 1300

1/80 ALBION STREET SURRY HILLS, NSW 2010

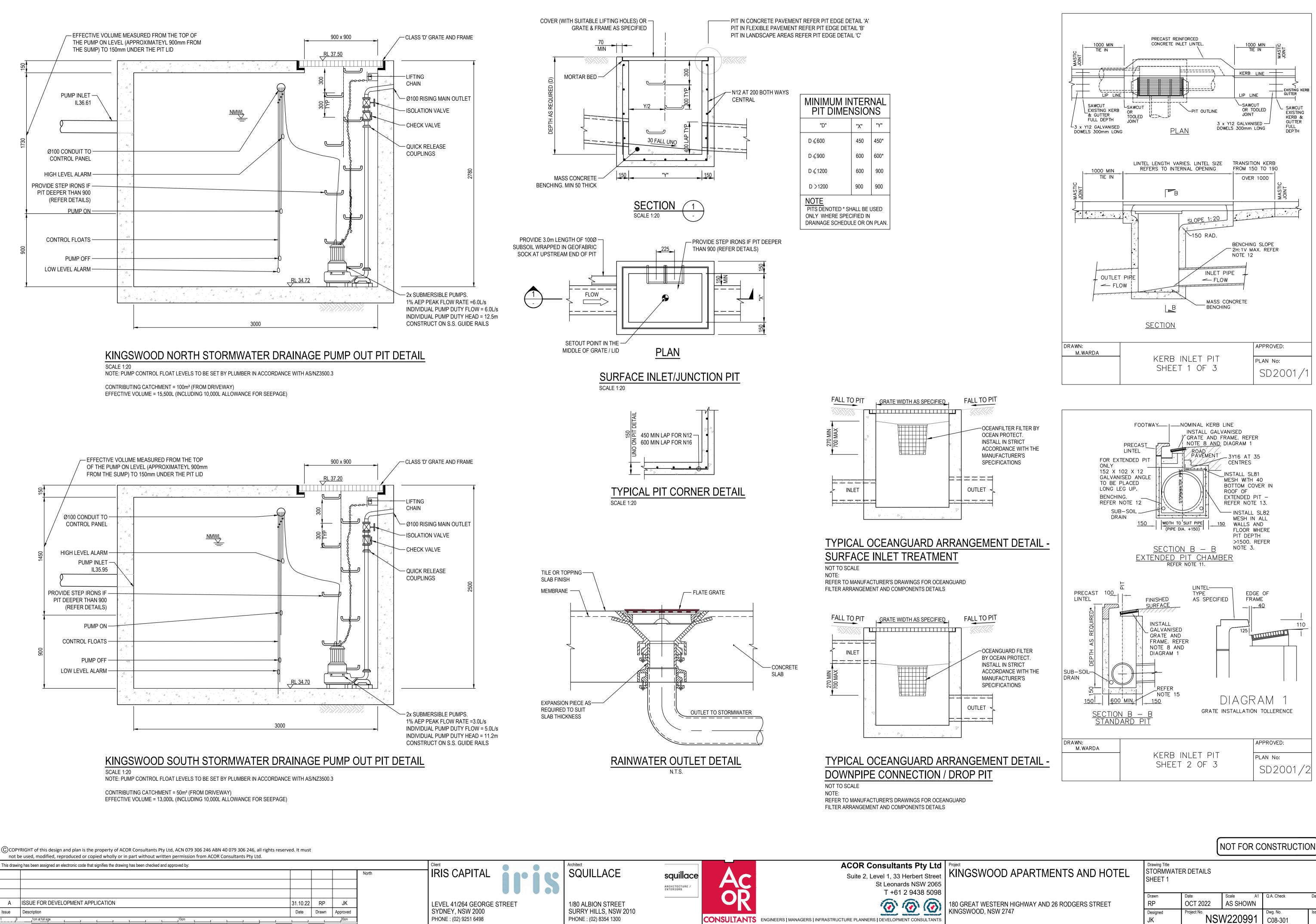




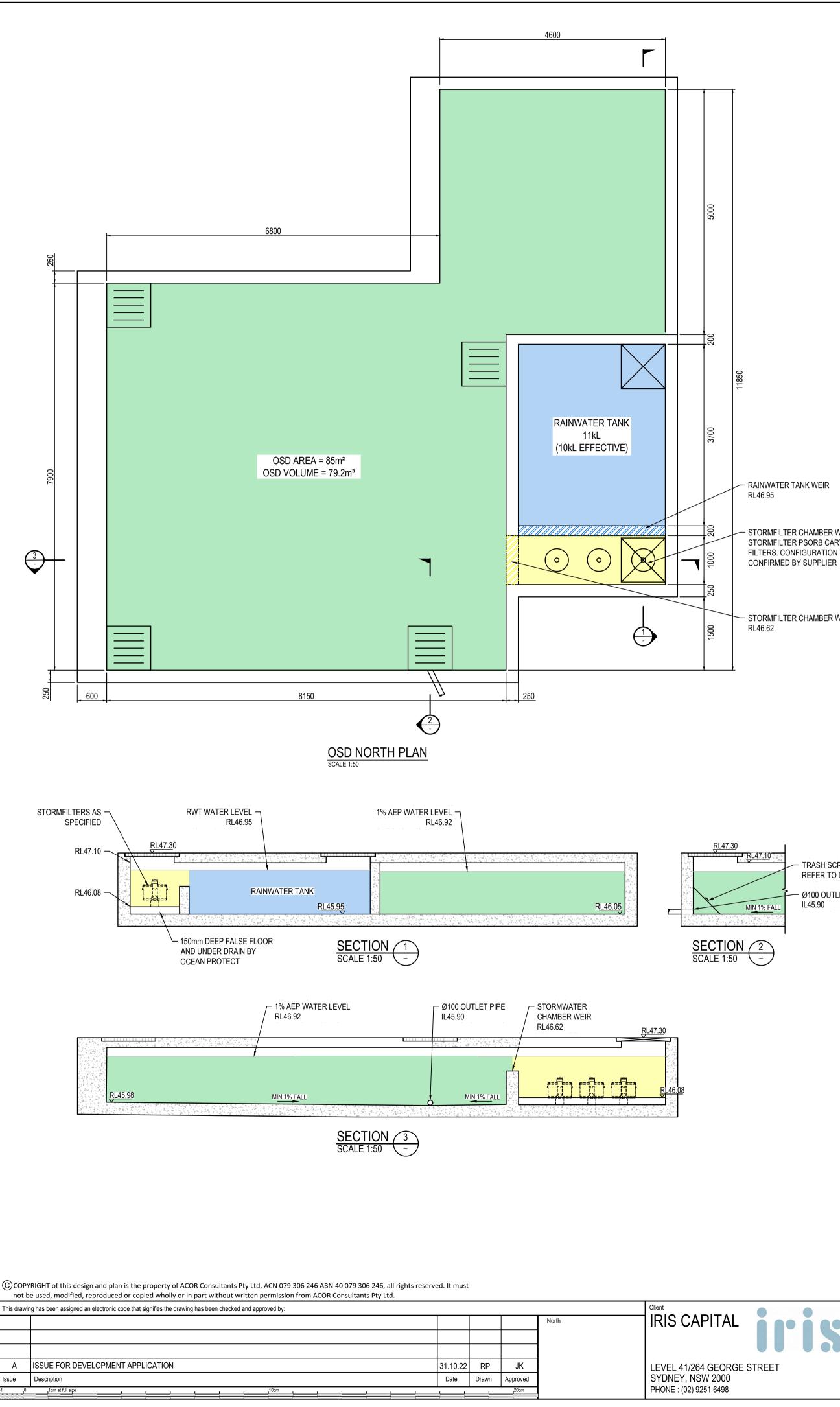
ACOR Consultants Pty Ltd Suite 2, Level 1, 33 Herbert Street St Leonards NSW 2065 Project KINGSWOOD APARTMENTS AND HOTEL T +61 2 9438 5098

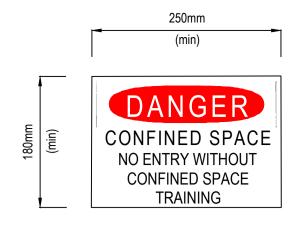
180 GREAT WESTERN HIGHWAY AND 26 RODGERS STREET KINGSWOOD, NSW 2747

Drawing Title STORMWATER MANAGEMENT PLAN - SOUTH BASEMENT 2						
Drawn	Date	Scale	A1	Q.A. Check	Date	
RP	OCT 2022	1:200				
Designed	Project No.			Dwg. No.	Issue	
JK	I NS'	NSW220991			A	



		(NOT FOR C	ONSTRUCTIO	ON
PARTMENTS AND HOTEL	Drawing Title STORMWATE SHEET 1	R DETAILS			
IGHWAY AND 26 RODGERS STREET	Drawn RP	Date OCT 2022	Scale A1 AS SHOWN	Q.A. Check	Date
	Designed JK	Project No.	W220991	Dwg. No. C08-301	lssue A





CONFINED SPACE DANGER SIGN

NOTES

- 1. A CONFINED SPACE SIGN SHALL BE PLACED NEXT TO EACH AND EVERY ACCESS POINT THEY ARE VISIBLE TO PERSON ENTERING ANY BELOW GROUND TANK OR PIT.
- 2. COLOURS : "DANGER" AND BACKGROUND -WHITE ELLIPTICAL AREA RED -LETTERING AND BORDER - BLACK 3. MINIMUM OF THE SIGN: - 300mm x 450mm LARGE ENTRIES

- 250 mm x 180mm

- 4 SIGN TO BE MADE FROM COLOUR BONDED ALUMINIMUM OR
- 5. SIGN FIXED USING HILTI CHEMSETS OR EPOXY

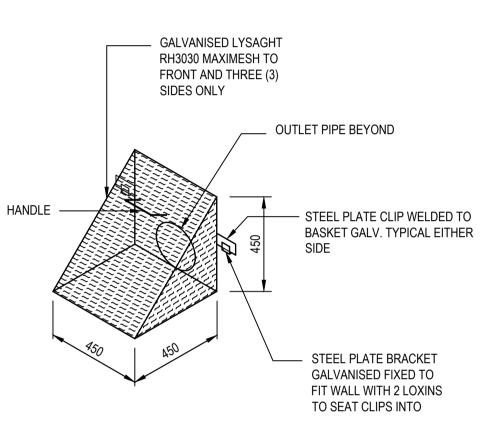
SMALL ENTRIES

POLYPROPYLENE

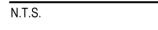
- **DESIGN CRITERIA ON-SITE DETENTION (NORTHE** TOTAL SITE AREA OF DEVELOPMENT WORKS = DESIGN METHOD = PERMISSIBLE SITE DISCHARGE (PSD) = NORTH SITE (PSD) = MINIMUM SITE STORAGE REQUIREMENT (SSR) = NORTH SITE (SSR) 1% AEP STORM POST-DEVELOPED FLOWS (L/s) OSD STORAGE VOLUME =
- RAINWATER TANK VOLUME =

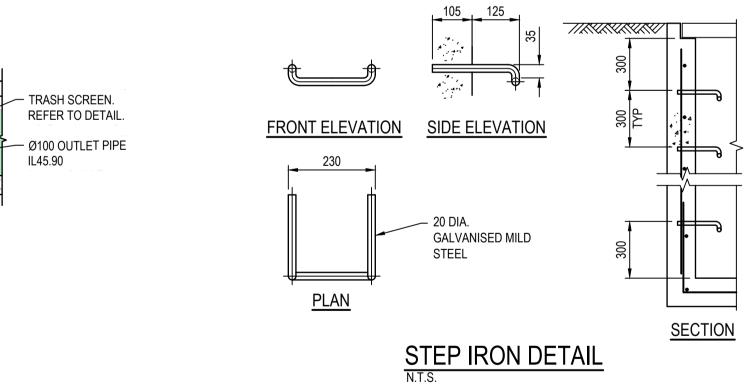
- STORMFILTER CHAMBER WITH 3x310 STORMFILTER PSORB CARTRIDGE FILTERS. CONFIGURATION TO BE CONFIRMED BY SUPPLIER

- STORMFILTER CHAMBER WEIR



MAXIMESH DETAIL



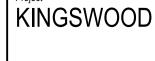


SQUILLACE

rchitec



ACOR Consultants Pty Ltd Suite 2, Level 1, 33 Herbert Street KINGSWOOD APARTMENTS AND HOTEL St Leonards NSW 2065 T +61 2 9438 5098



1/80 ALBION STREET SURRY HILLS, NSW 2010

PHONE : (02) 8354 1300

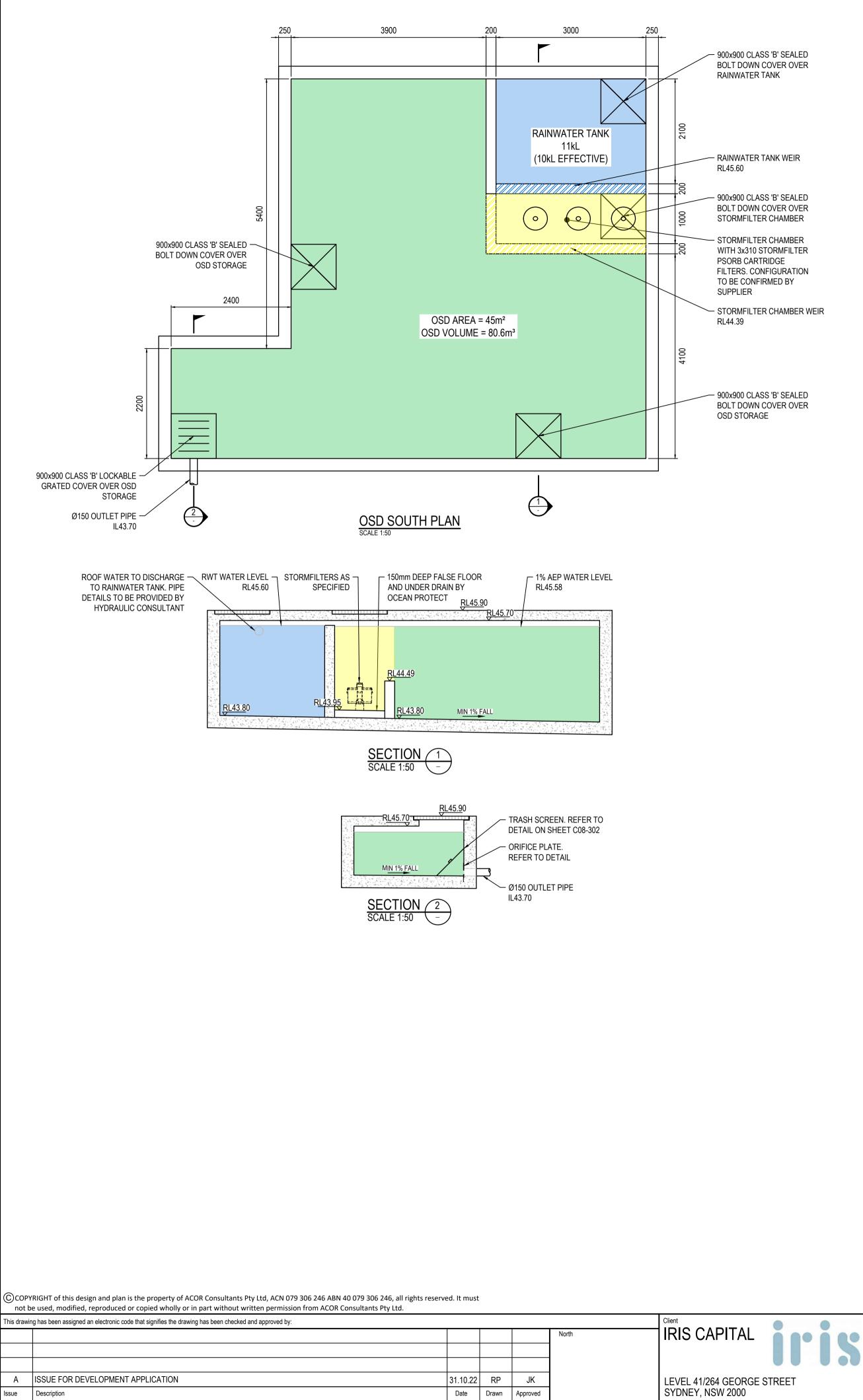
ARCHITECTURE / INTERIORS

CONSULTANTS ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

180 GREAT WESTERN HIGHWAY AND 26 RODGERS STREET KINGSWOOD, NSW 2747

ERN OSD)
	0.194Ha
	ILSAX
	120L/s/Ha 23.3L/s
	280m³/Ha 54.3m³
	21L/s
	79.2m³
	10kLm³

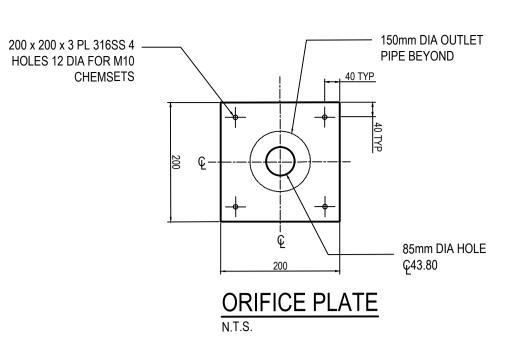
Drawing Title STORMWATER DETAILS SHEET 2					
Drawn	Date	Scale A1	Q.A. Check	Date	
RP	OCT 2022	AS SHOWN			
Designed	Project No.		Dwg. No.	Issue	
JK	NSV	V220991	C08-302	А	



1cm at full

Date Drawn Approved

PHONE : (02) 9251 6498



DESIGN CRITERIA - ON-SITE DETENTION (SOUTHERN OSD)	
TOTAL SITE AREA OF DEVELOPMENT WORKS =	0.183Ha
DESIGN METHOD =	ILSAX
PERMISSIBLE SITE DISCHARGE (PSD) = SOUTH SITE (PSD) =	120L/s/Ha 22.0L/s
MINIMUM SITE STORAGE REQUIREMENT (SSR) = SOUTH SITE (SSR)	280m³/Ha 51.2m³
1% AEP STORM POST-DEVELOPED FLOWS (L/s)	20L/s
OSD STORAGE VOLUME =	80.6m ³
RAINWATER TANK VOLUME =	10kLm ³

SQUILLACE



ACOR Consultants Pty Ltd Suite 2, Level 1, 33 Herbert Street St Leonards NSW 2065 T +61 2 9438 5098



1/80 ALBION STREET SURRY HILLS, NSW 2010 PHONE : (02) 8354 1300

CONSULTANTS ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

 $\textcircled{\textcircled{\baselineskip}{\baselineskip}}$

180 GREAT WESTERN HIGHWAY AND 26 RODGERS STREET KINGSWOOD, NSW 2747

Drawing Title STORMWATER DETAILS SHEET 3 A1 Q.A. Check Drawn Scale Date Date OCT 2022 AS SHOWN Designed Project No Dwg. No. Issue NSW220991 C08-303 А .IK