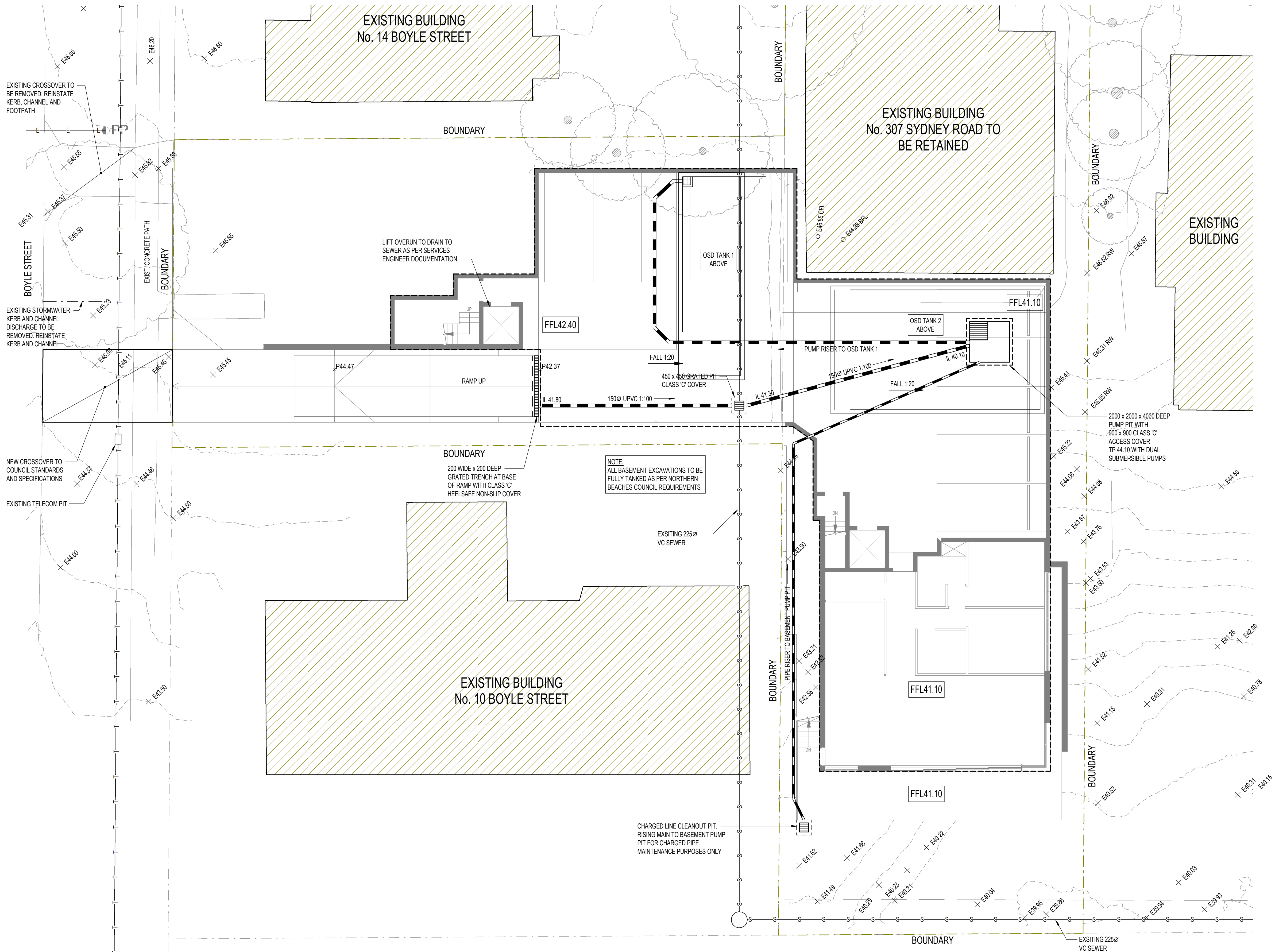


- NOTES:
1. IT IS THE BUILDERS RESPONSIBILITY TO MAKE GOOD TO EXISTING NATURE STRIP TO THE SATISFACTION OF NORTHERN BEACHES COUNCIL.
 2. THE BUILDER IS RESPONSIBLE TO LOCATE AND VERIFY ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORKS
 3. THE BUILDER IS RESPONSIBLE FOR ENSURING THAT ALL WORKS ARE IN ACCORDANCE WITH THE RELEVANT AUTHORITY REQUIREMENT AND TO THE SATISFACTION OF THE RELEVANT AUTHORITY.
 4. THE SLOPE OF ALL PIT LIDS MUST MATCH THE SURROUNDING EXISTING OR FINISHED SURFACE
 5. PRIOR TO COMMENCING WORK WITHIN ROAD RESERVE THE CONTRACTOR MUST SUBMIT A TRAFFIC MANAGEMENT PLAN PREPARED IN ACCORDANCE WITH THE CODE OF PRACTICE FOR WORKSITE SAFETY TRAFFIC MANAGEMENT AND OBTAIN APPROVAL FROM COUNCIL'S TRAFFIC ENGINEER.



DIAL 1100
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CONTRACTOR TO CONFIRM LOCATION OF EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS



LOWER GROUND STORMWATER MANAGEMENT PLAN

SCALE 1:100

ISSUE	REVISION	DATE
A	SECTION 4.55 ISSUE	28/06/22
1	PRELIMINARY ISSUE	16/06/22

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Gary O'Reilly | nominated architect no. 4796

TITLE
**LOWER GROUND STORMWATER
MANAGEMENT PLAN**

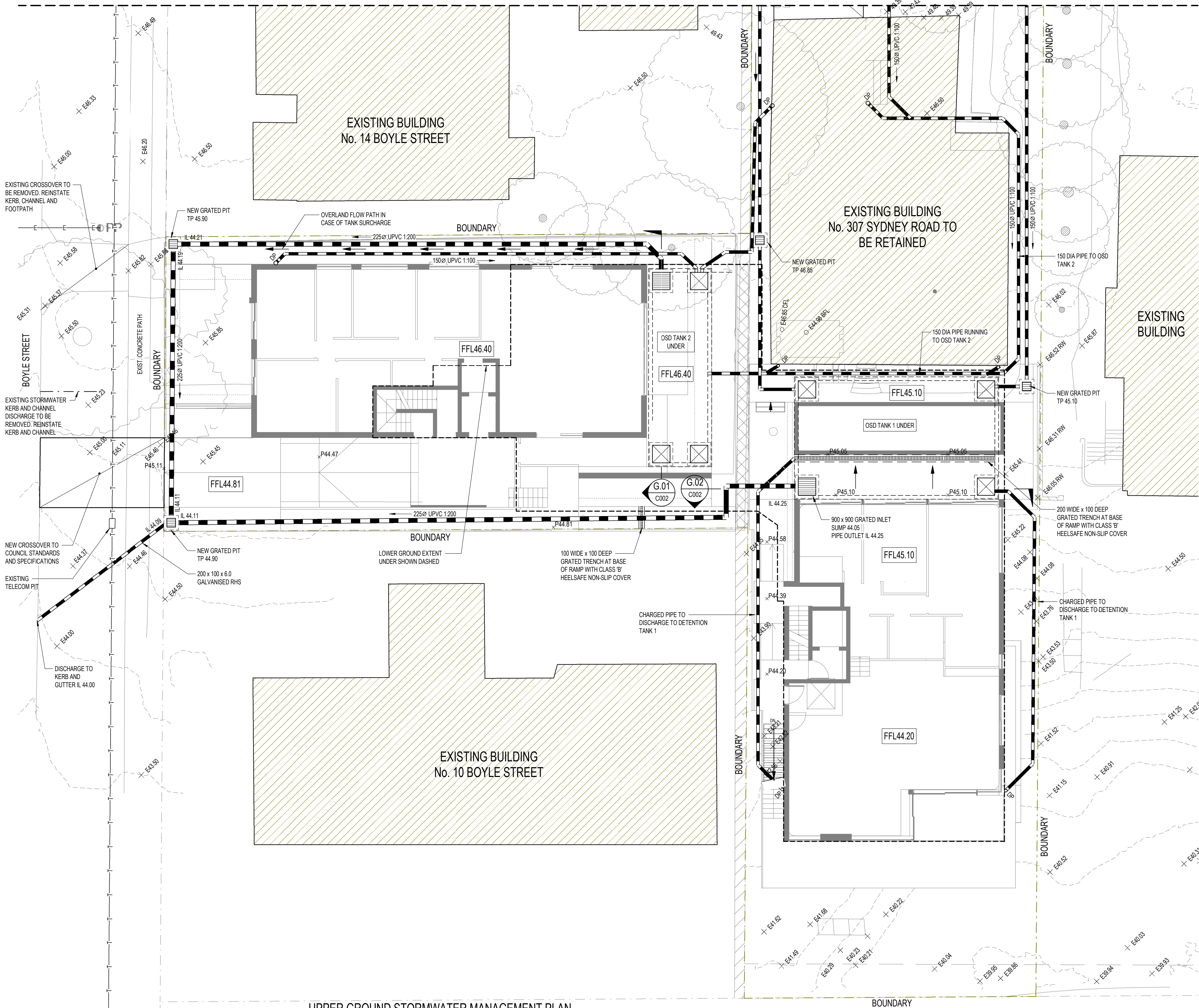
Designed	CW	Drawn	MD	North
Project Leader	MW	Sheet Size	A1	
Project Director	MW	Certified	-	
Printed 28/06/2022 9:57:26 AM	Version	21		
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Project	Drawing	Revision
220197	C005	A

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FOR CONTINUATION REFER DRG No C007



UPPER GROUND STORMWATER MANAGEMENT PLAN

SCALE 1:100

NOTE:

- ALL DOWNPIPES TO DRAIN TO DETENTION TANKS. CHARGED PIPE TO BE FULLY SEALED UP TO RL 47.00 AHD.
- REFER TO ARCHITECTURAL PLANS FOR FINAL LAYOUT OF ALL DOWNPIPES.

- NOTES:
- IT IS THE BUILDERS RESPONSIBILITY TO MAKE GOOD TO EXISTING NATURE STRIP TO THE SATISFACTION OF NORTHERN BEACHES COUNCIL.
 - THE BUILDER IS RESPONSIBLE TO LOCATE AND VERIFY ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORKS.
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OSD SUMMARY:

TOTAL SITE AREA = 1730m²

EXISTING SITE:
PSD 5 YEAR ARI = 45L/S

DEVELOPED SITE:
OUTFLOW OSD TANK 1 = 22L/S
OUTFLOW OSD TANK 2 = 7L/S
BY PASS FLOW = 13L/S
TOTAL PSD (100 YEAR ARI) = 42L/S

TANK DETAILS:

OSD TANK 1
TYPE = BELOW GROUND TANK
(REINFORCED CONCRETE)
SURFACE AREA = 62m²
VOLUME = 35m³
TANK DEPTH = 0.55m
TOP OF TANK = 45.10m AHD
TOP WATER LEVEL 44.80m AHD
INVERT LEVEL = 44.25m AHD
ORIFICE SIZE = 125mm

OSD TANK 2
TYPE = BELOW GROUND TANK
(REINFORCED CONCRETE)
SURFACE AREA = 31.5m²
VOLUME = 30m³
TANK DEPTH = 1.0m
TOP OF TANK = 46.40m AHD
TOP WATER LEVEL 46.30m AHD
INVERT LEVEL = 44.35m AHD
ORIFICE SIZE = 60mm



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Gary O'Reilly | nominated architect no. 4796

TITLE
**UPPER GROUND STORMWATER
MANAGEMENT PLAN - SHEET 1**

Designed	CW	Drawn	MD	North
Project Leader	MW	Sheet Size	A1	
Project Director	MW	Certified	-	
Printed 28/06/2022 9:57:46 AM	Version	21		
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