

# 59-63 TRAFALGAR AVENUE & 1A-B VALLEY ROAD, LINDFIELD STORMWATER CONCEPT DESIGN



**LOCALITY PLAN**  
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09	S01-SW402	STORMWATER CONCEPT DESIGN DETAILS SHEET (2/2)	B
10	S01-SW501	STORMWATER CONCEPT DESIGN MUSIC CATCHMENT PLAN & DETAILS	B

PREPARED BY



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ARCHITECT



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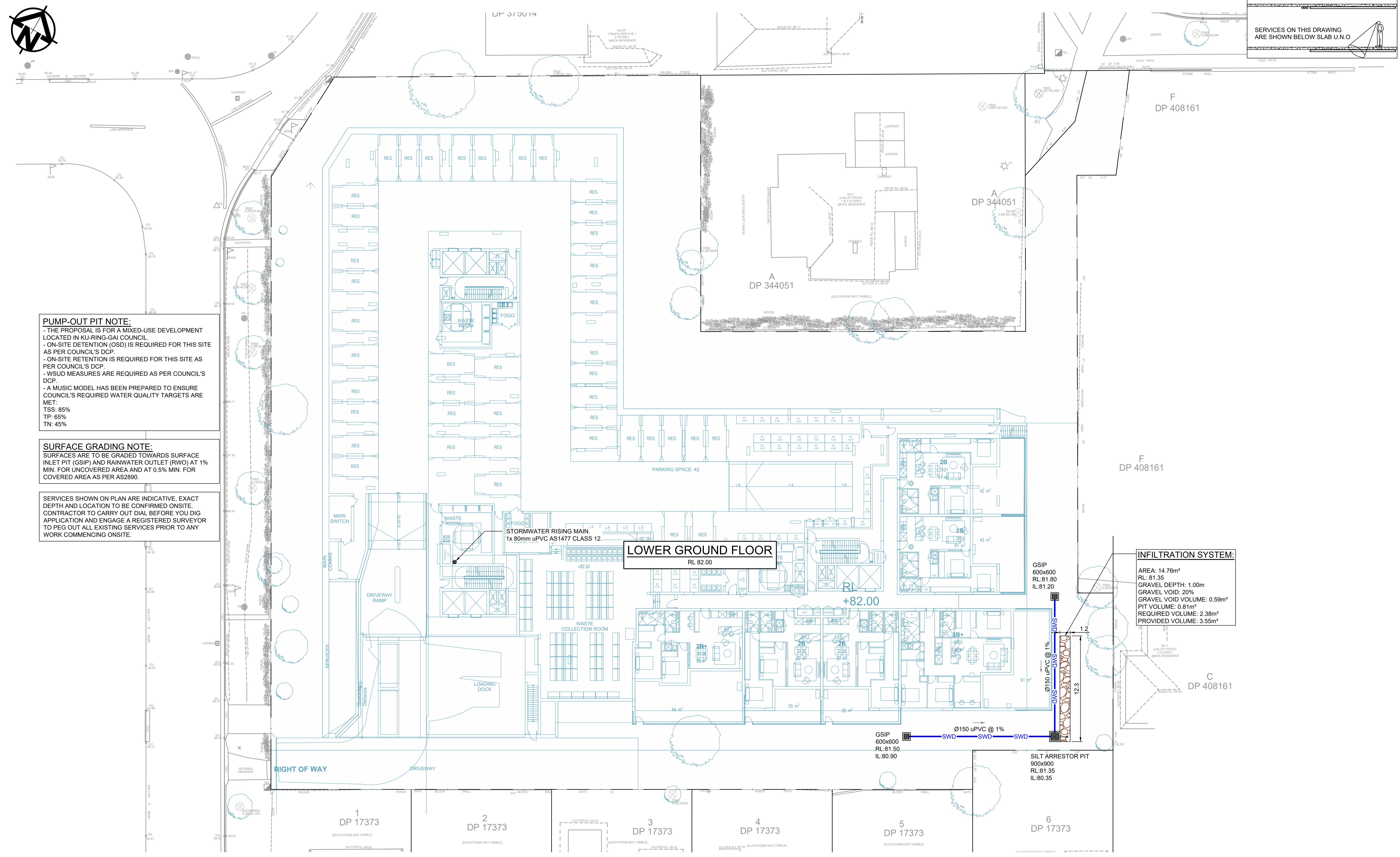
LANDMARK

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SERVICES ON THIS DRAWING ARE SHOWN BELOW SLAB U.N.O.

**PUMP-OUT PIT NOTE:**  
 - THE PROPOSAL IS FOR A MIXED-USE DEVELOPMENT LOCATED IN KU-RING-GAI COUNCIL.  
 - ON-SITE DETENTION (OSD) IS REQUIRED FOR THIS SITE AS PER COUNCIL'S DCP.  
 - ON-SITE RETENTION IS REQUIRED FOR THIS SITE AS PER COUNCIL'S DCP.  
 - WSUD MEASURES ARE REQUIRED AS PER COUNCIL'S DCP.  
 - A MUSIC MODEL HAS BEEN PREPARED TO ENSURE COUNCIL'S REQUIRED WATER QUALITY TARGETS ARE MET.  
 TSS: 85%  
 TP: 65%  
 TN: 45%

**SURFACE GRADING NOTE:**  
 SURFACES ARE TO BE GRADED TOWARDS SURFACE INLET PIT (GSIP) AND RAINWATER OUTLET (RWO) AT 1% MIN. FOR UNCOVERED AREA AND AT 0.5% MIN. FOR COVERED AREA AS PER AS2890.

SERVICES SHOWN ON PLAN ARE INDICATIVE, EXACT DEPTH AND LOCATION TO BE CONFIRMED ONSITE. CONTRACTOR TO CARRY OUT DIAL BEFORE YOU DIG APPLICATION AND ENGAGE A REGISTERED SURVEYOR TO PEG OUT ALL EXISTING SERVICES PRIOR TO ANY WORK COMMENCING ONSITE.

**LOWER GROUND FLOOR**  
 RL 82.00

**INFILTRATION SYSTEM:**  
 AREA: 14.76m<sup>2</sup>  
 RL: 81.35  
 GRAVEL DEPTH: 1.00m  
 GRAVEL VOID: 20%  
 GRAVEL VOID VOLUME: 0.59m<sup>3</sup>  
 PIT VOLUME: 0.81m<sup>3</sup>  
 REQUIRED VOLUME: 2.38m<sup>3</sup>  
 PROVIDED VOLUME: 3.55m<sup>3</sup>

Issue	Last revision title	By	Date	Status
P01	PRELIMINARY ISSUE	SH	14.10.25	01
P02	PRELIMINARY ISSUE	SH	14.10.25	01
A	ISSUE FOR APPROVAL	MS	23.10.25	02
B	ISSUE FOR APPROVAL	MS	31.10.25	02

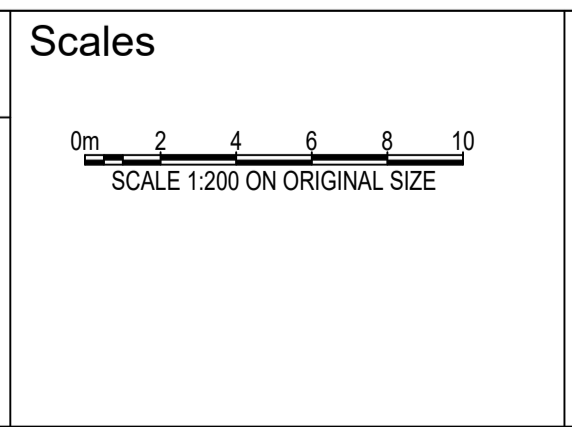
Discipline	Drawing Title and Number	Date	Rev.
ARCH	STRUC	31.10.25	02
MECH		31.10.25	02
ELEC		31.10.25	02
HYD		31.10.25	02
FIRE		31.10.25	02
LANDS		31.10.25	02
CIVIL		31.10.25	02
SURVEY		31.10.25	02

Discipline	Checked	Designed	Verified	Approved	Sh
ARCH	SH	SH	SH	SH	SH
MECH	SH	SH	SH	SH	SH
ELEC	SH	SH	SH	SH	SH
HYD	SH	SH	SH	SH	SH
FIRE	SH	SH	SH	SH	SH
LANDS	SH	SH	SH	SH	SH
CIVIL	SH	SH	SH	SH	SH
SURVEY	SH	SH	SH	SH	SH

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A.B.N. 21 118 222 530

**PROJECT**  
 59-63 TRAFALGAR AVENUE &  
 1A-B VALLEY ROAD,  
 LINDFIELD  
 STORMWATER CONCEPT DESIGN

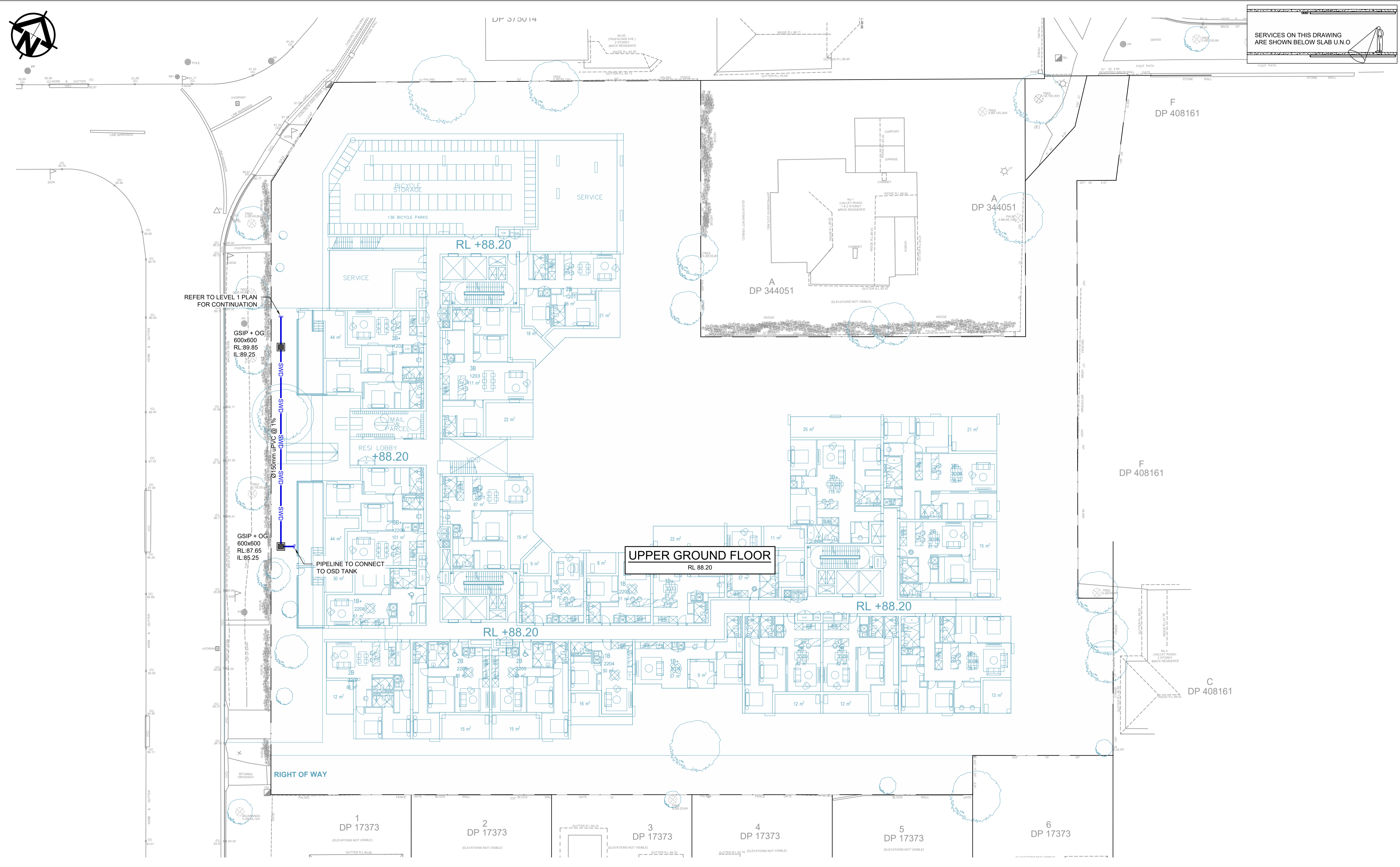
Project No.	Set No.	Drg No.	Revision No.
20240199	S01-SW302	B	

Status **ISSUE FOR APPROVAL**

Drawing Title  
**STORMWATER CONCEPT DESIGN  
 LOWER GROUND FLOOR PLAN**

Grid	Datum	Sheet
	A.H.D.	04





Issue	Last revision title	By	Date	Status
B	ISSUE FOR APPROVAL	MS	31.10.25	02
A	ISSUE FOR APPROVAL	MS	23.10.25	02
P02	PRELIMINARY ISSUE	SH	14.10.25	01
P01	PRELIMINARY ISSUE	CS	16.04.25	01

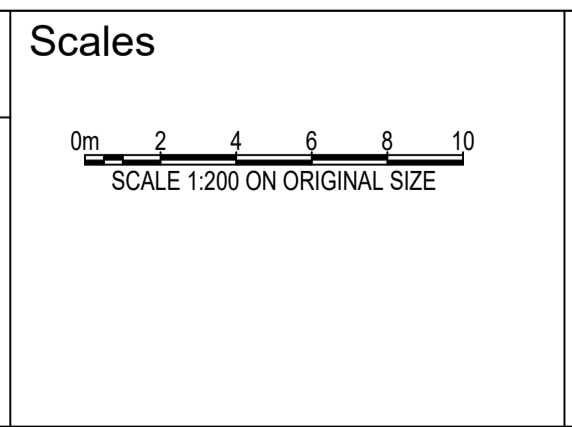
Reference Coordination Drawing	
Discipline	Drawing Title and Number
ARCH	
STRUCT	
MECH	
ELEC	
HYD	
FIRE	
LANDS	
CIVIL	
SURVEY	

Quality Control	
Discipline	Date
DRAWN	31.10.25
CHECKED	
DESIGNED	
VERIFIED	
APPROVED	
SH	31.10.25

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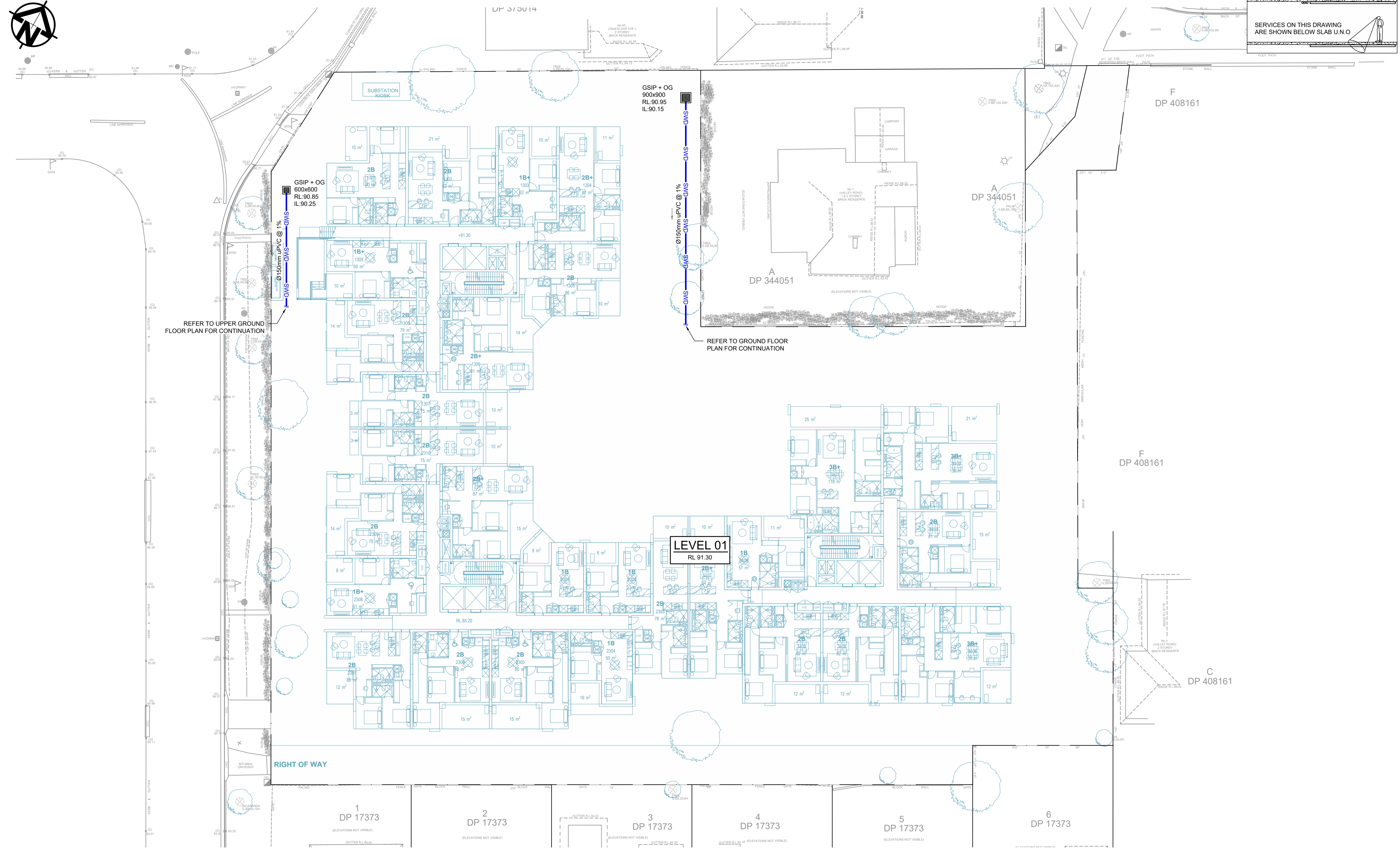
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**PROJECT**  
59-63 TRAFALGAR AVENUE &  
1A-B VALLEY ROAD,  
LINDFIELD  
STORMWATER CONCEPT DESIGN

<b>Status</b> ISSUE FOR APPROVAL			
Drawing Title STORMWATER CONCEPT DESIGN UPPER GROUND FLOOR PLAN			
Project No.	Set No.	Drg No.	Revision No.
20240199	S01-SW304		B



SERVICES ON THIS DRAWING ARE SHOWN BELOW SLAB U.N.O.

REFER TO UPPER GROUND FLOOR PLAN FOR CONTINUATION

REFER TO GROUND FLOOR PLAN FOR CONTINUATION

LEVEL 01  
RL 91.30

Issue	Last revision title	By	Date	Status
P01	PRELIMINARY ISSUE	CS	16.04.25	01
P02	PRELIMINARY ISSUE	SH	14.10.25	01
A	ISSUE FOR APPROVAL	MS	23.10.25	02
B	ISSUE FOR APPROVAL	MS	31.10.25	02

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MECH			
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Grid	Datum	Sheet
	A.H.D.	07

Project No.	Set No.	Drg No.	Revision No.
20240199	S01-SW305		B

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Drawing Title  
**STORMWATER CONCEPT DESIGN LEVEL 1 PLAN**

Project No.	Set No.	Drg No.	Revision No.
20240199	S01-SW305		B





