# 22 RAVEN CIRCUIT, WARRIEWOOD STORMWATER MANAGEMENT PLANS

#### STORMWATER DESIGN NOTES

- 1. ALL DRAINAGE WORKS ARE TO BE IN ACCORDANCE WITH AS/NZS 3500.3 STORMWATER DRAINAGE, NORTHERN BEACHES COUNCIL PART 1 CONSOLIDATED STORMWATER MANAGEMENT POLICY AND THE LATEST BASIX CERTIFICATE (IF APPLICABLE).
- 2. THE SITE AREA = 362.3 m2
- TOTAL SITE EXISTING IMPERVIOUS AREA = 0 m2 (0%)
- TOTAL SITE PROPOSED IMPERVIOUS AREA = 178 m2 (50%)
- 3. RAINWATER TANK IS REQUIRED FOR THIS DEVELOPMENT BASED ON A DESKTOP ASSESSMENT OF NORTHERN BEACHES COUNCIL PART 1 CONSOLIDATED STORMWATER MANAGEMENT POLICY.
- 4. OSD IS REQUIRED FOR THE DEVELOPMENT BASED ON A DESKTOP ASSESSMENT OF NORTHERN BEACHES COUNCIL PART 1 CONSOLIDATED STORMWATER MANAGEMENT POLICY.
- 5. THE POINT OF DISCHARGE FOR THE DEVELOPMENT SHALL BE VIA EXISTING KERB AND GUTTER CONNECTION.

#### ABBREVIATIONS

#### LEVELS

FFL	FINISHED FLOOR LEVEL
IL	INVERT LEVEL
RL	REDUCED LEVEL
H/L	HIGH LEVEL
L/L	LOW LEVEL
+	NEW REDUCED LEVEL
×	EXISTING LEVEL
AHD	AUSTRALIAN HEIGHT DAT
OED	OVEDLAND FLOW DATH

- OFP OVERLAND FLOW PATH

  SSL STRUCTURAL SLAB LEVEL

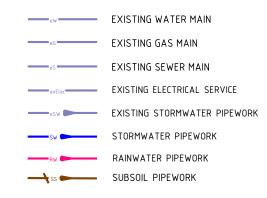
  SRZ STRUCTURAL ROOT ZONE

  TRZ TREE ROOT ZONE
- UNO UNLESS NOTED OTHERWISE

#### FIXTURES

RWO	RAINWATER OUTLET
SWP	STORMWATER PIT (GRATE/SEALED)
PB0	PLANTER BOX OUTLET
CO	CLEAR OUT
GD	GRATED TRENCH DRAIN
RWT	RAINWATER TANK
KIP	KERB INLET PIT

#### SERVICES LEGEND







### <u>SITE LOCALITY PLAN</u>

	PRAWING LIST
DRAWING NUMBER	DRAWING NAME
2025H0026-SW01	COVER SHEET, NOTES & LEGEND
2025H0026-SW02	SEDIMENT AND EROSION CONTROL PLAN
2025H0026-SW03	CATCHMENT PLAN
2025H0026-SW04	GROUND FLOOR PLAN
2025H0026-SW05	DETAILS SHEET 01
2025H0026-SW06	DETAILS SHEET 02

# ROOF DRAINAGE FIXTURES

RHS	RECTANGULAR HOLLOW SECTION
0/F	OVERFLOW
SP	SPREADER
DP	DOWN PIPE
RH	RAINWATER HEAD
В0	BALCONY OUTLET

I					
I					
I	Ρ4	P.D	06.06.2025	D.H	REISSUED FOR DA
I	Р3	W.N	23.05.2025	D.H	REISSUED FOR DA
I	P2	P.D	22.05.2025	D.H	REISSUED FOR DA
I	P1	P.D	04.03.2025	D.H	ISSUED FOR DA
	REV.	DES.	DATE	VER.	DESCRIPTION

STORMWATER MANAGEMENT PLANS

COVER SHEET, NOTES & LEGEND

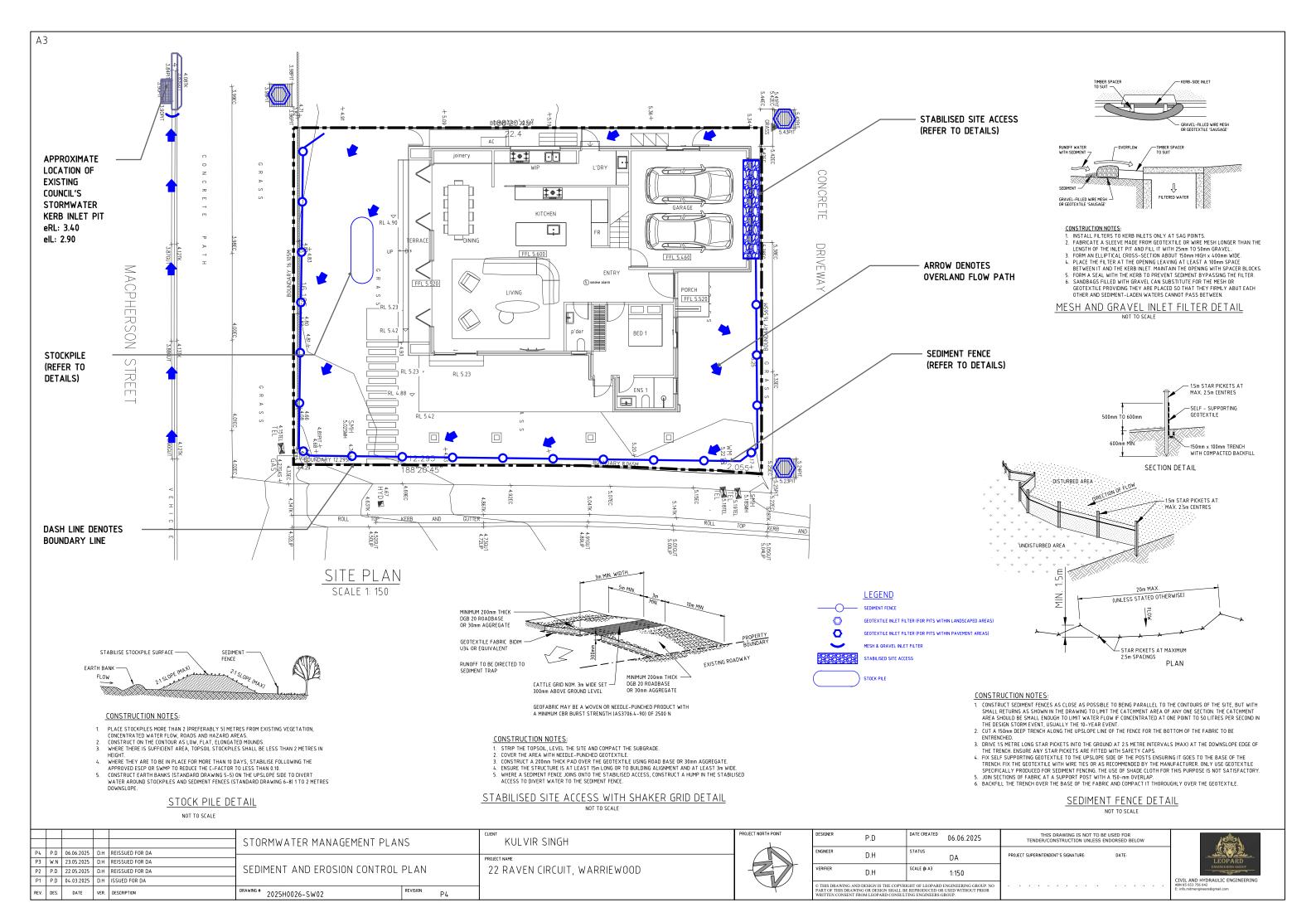
PROJECT NAME

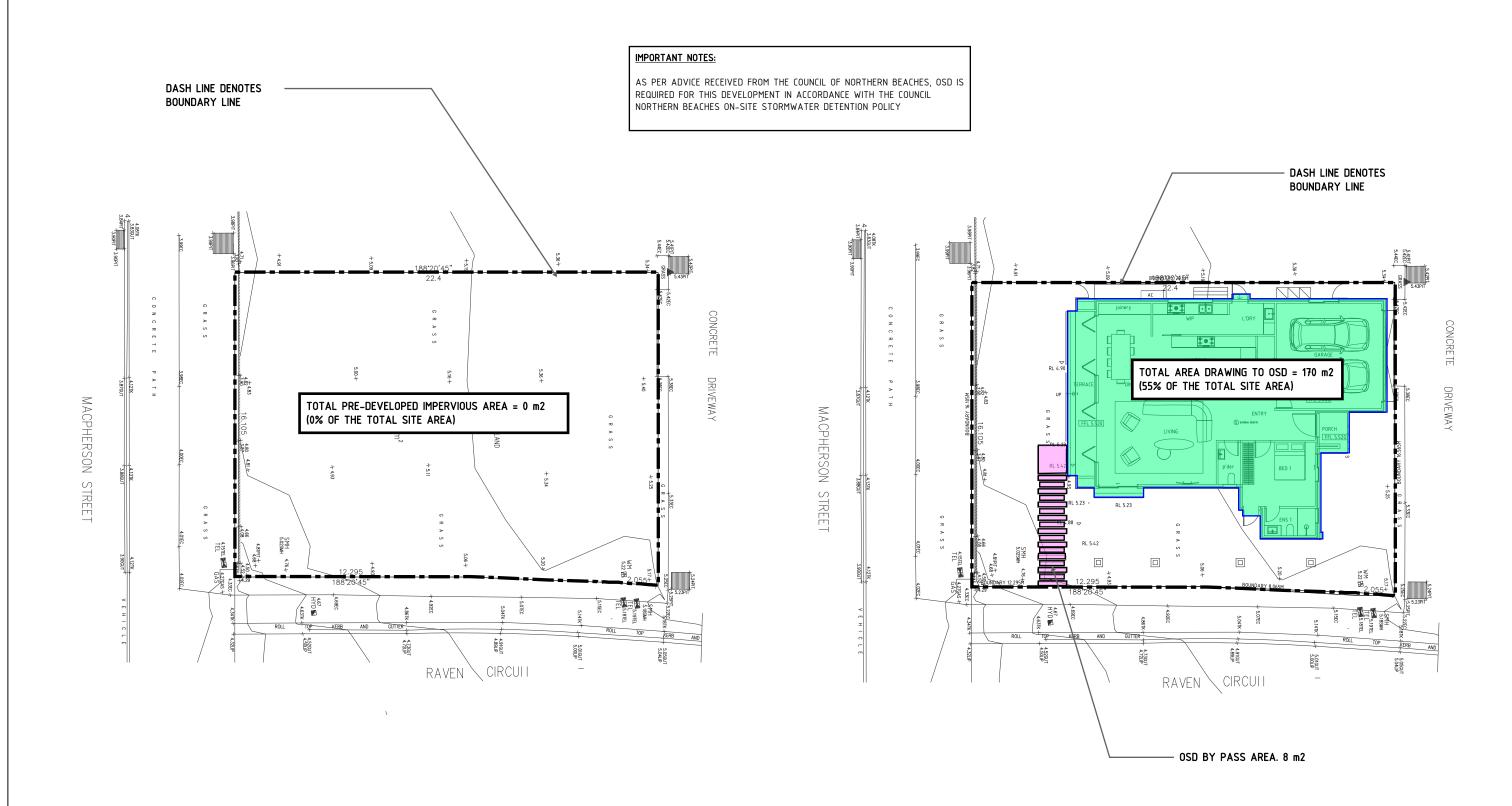
22 RAVEN CIRCUIT, WARRIEWOOD

PRAWING # 2025H0026-SW01 REVISION P4

DESIGNER	P.D	DATE CREATED 06.06.2025	THIS DRAWING IS NOT TO BE USED FOR TENDER/CONSTRUCTION UNLESS ENDORSED BELOW				
ENGINEER	D.H	STATUS DA	PROJECT SUPERINTENDENT'S SIGNATURE:	DATE:			
VERIFIER	D.H	SCALE @ A3 AS SHOWN					
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## PRE-DEVELOPED IMPERVIOUS CATCHMENT PLAN

SCALE 1:200

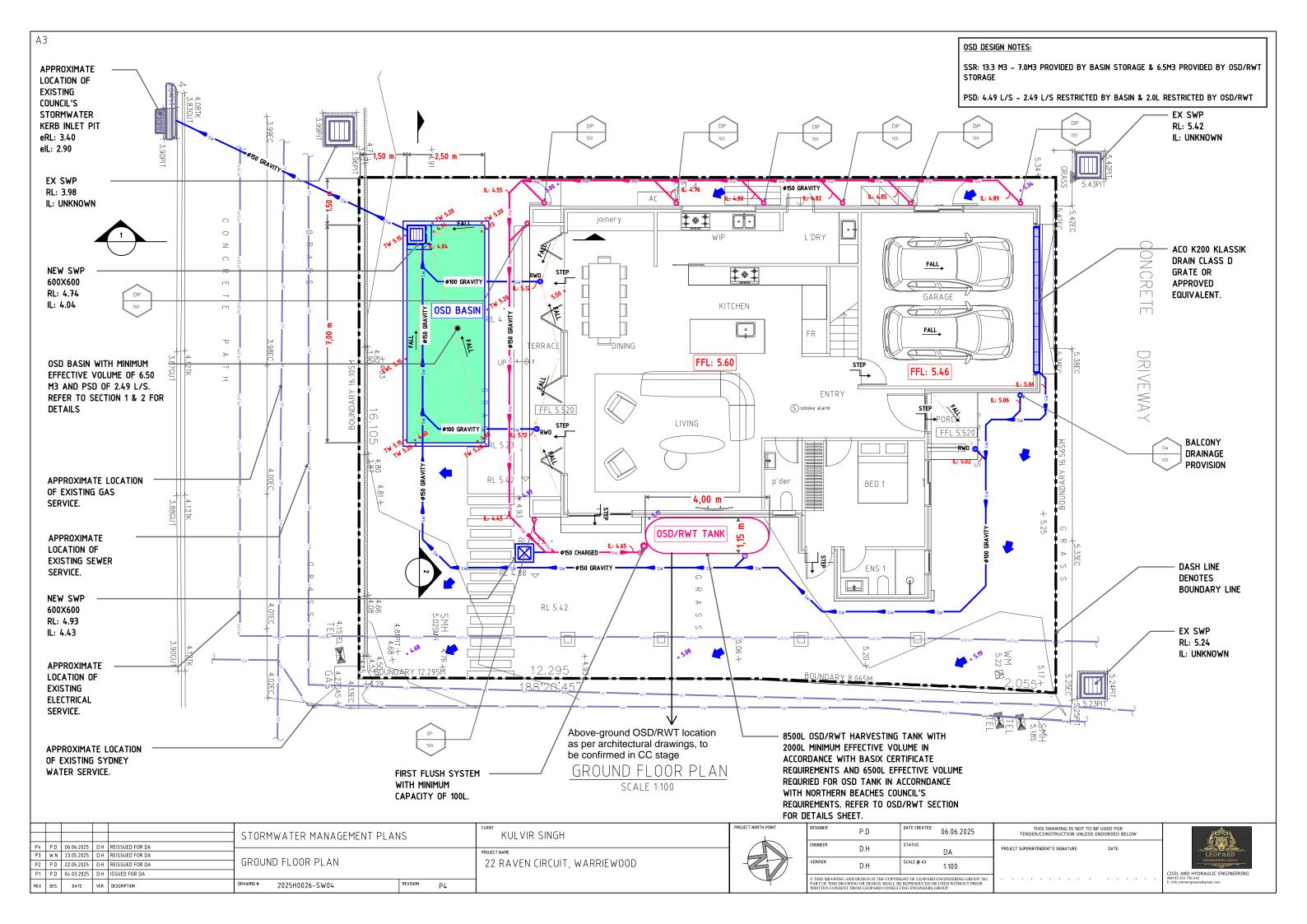
## POST-DEVELOPED IMPERVIOUS CATCHMENT PLAN

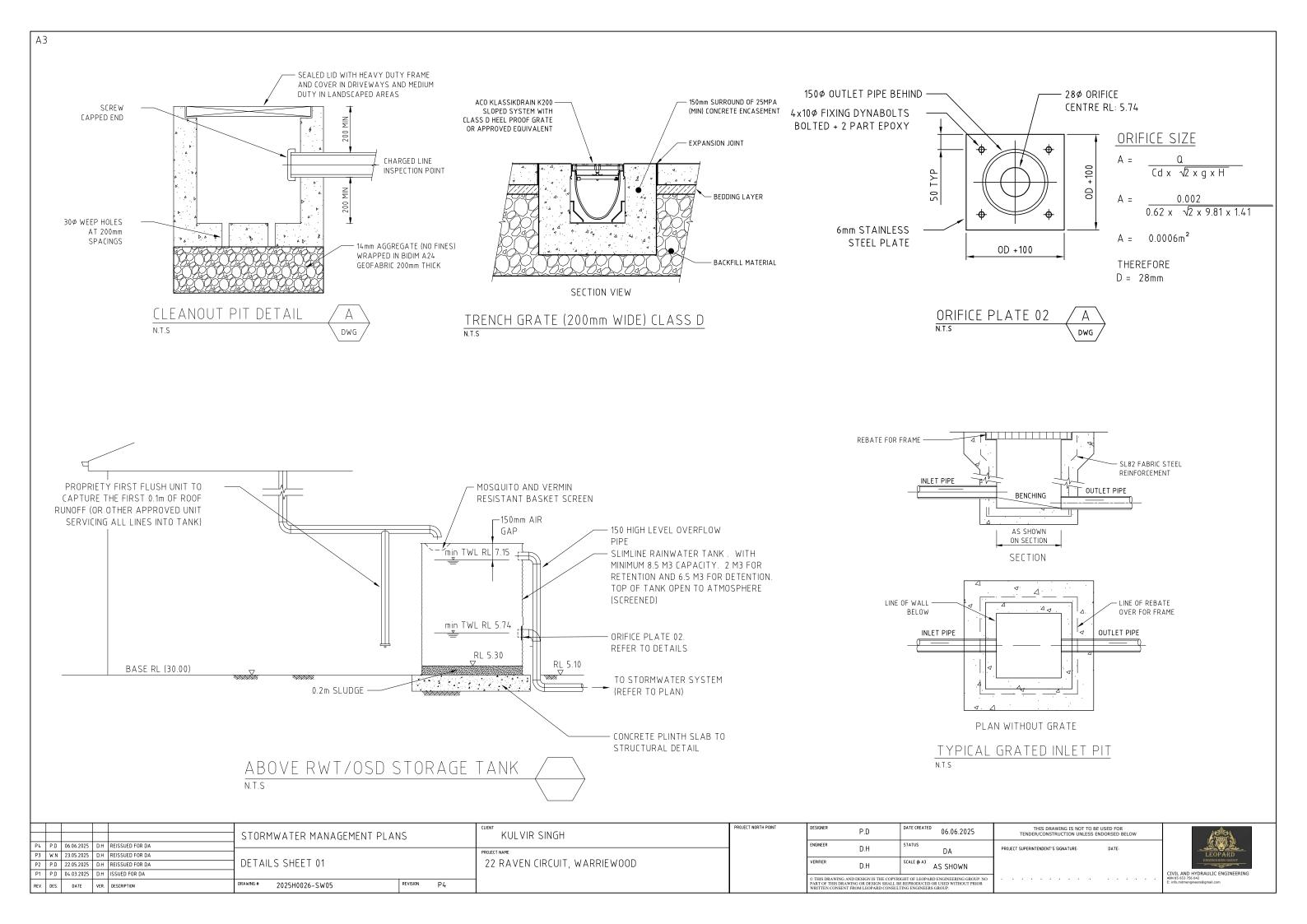
SCALE 1:200

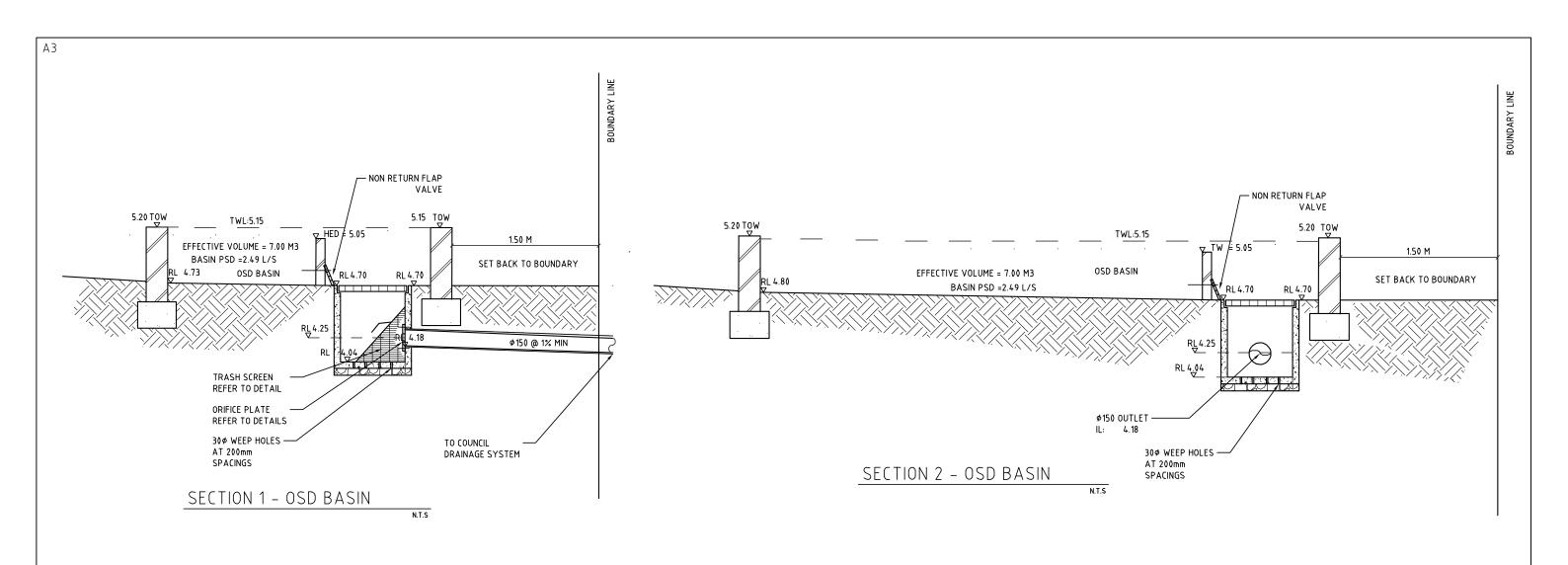
					STORMWATER MANAGEMENT PLAN	NS .	KULVIR SINGH	PROJECT NORTH POINT
P4	P.D	06.06.2025	D.H	REISSUED FOR DA				
Р3	W.N	23.05.2025	D.H	REISSUED FOR DA	1		PROJECT NAME	
P2	P.D	22.05.2025	D.H	REISSUED FOR DA	CATCHMENT PLAN		22 RAVEN CIRCUIT, WARRIEWOOD	1
P1	P.D	04.03.2025	D.H	ISSUED FOR DA				
REV.	DES.	DATE	VER.	DESCRIPTION	DRAWING # 2025H0026-SW03	REVISION P4		

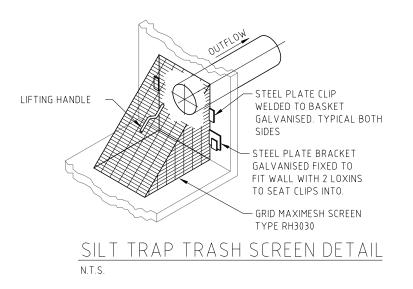
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ENGINEER	D.H	STATUS	DA	PROJECT SUPERINTENDENT'S SIGNATURE:	DATE:			
VERIFIER	D.H	SCALE @ A3	1:200					
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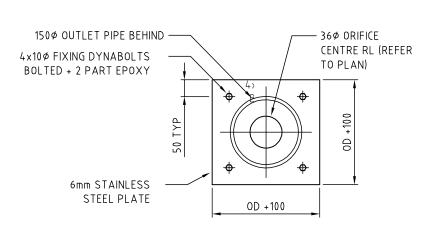












 $A = \frac{Q}{Cd \times \sqrt{2} \times g \times H}$   $A = \frac{0.00249}{0.62 \times \sqrt{2} \times 9.81 \times 0.8}$   $A = 0.0010m^{2}$ 

THEREFORE D = 36mm

ORIFICE SIZE

ORIFICE PLATE 01

N.T.S

DWG

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		+		STORMWATER MANAGEMENT PLAN	IS	KULVIR SINGH	PROJECT NORTH POINT	DESIGNER	P.D	DATE CREATED 06.06.2025	THIS DRAWING IS NOT TO BE USED FOR TENDER/CONSTRUCTION UNLESS ENDORSED		
_				3 TOTAL TOTAL TOTAL STREET		1,122,111,211,		ENGINEER		STATUS			
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Р3	W.N 23.05.202	25 D.H	REISSUED FOR DA			PROJECT NAME				DA	1		
P2	P.D 22.05.202	25 D.H	REISSUED FOR DA	DETAILS SHEET 02		22 RAVEN CIRCUIT, WARRIEWOOD		VERIFIER	D.H	SCALE @ A3 AS SHOWN	1		
P1	P.D 04.03.202	25 D.H	I ISSUED FOR DA								1		CIVIL AN ABN 85 653
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