

GENERAL NOTES ALL WORKS TO BE EXECUTED IN ACCORDANCE WITH AS 3500 & COUNCIL REQUIREMENTS

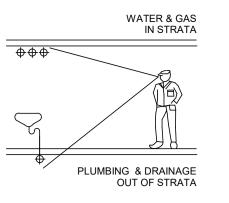
THIS PLAN TO BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL AND OTHER SERVICES DRAWINGS INCLUDING SPECIFICATIONS.

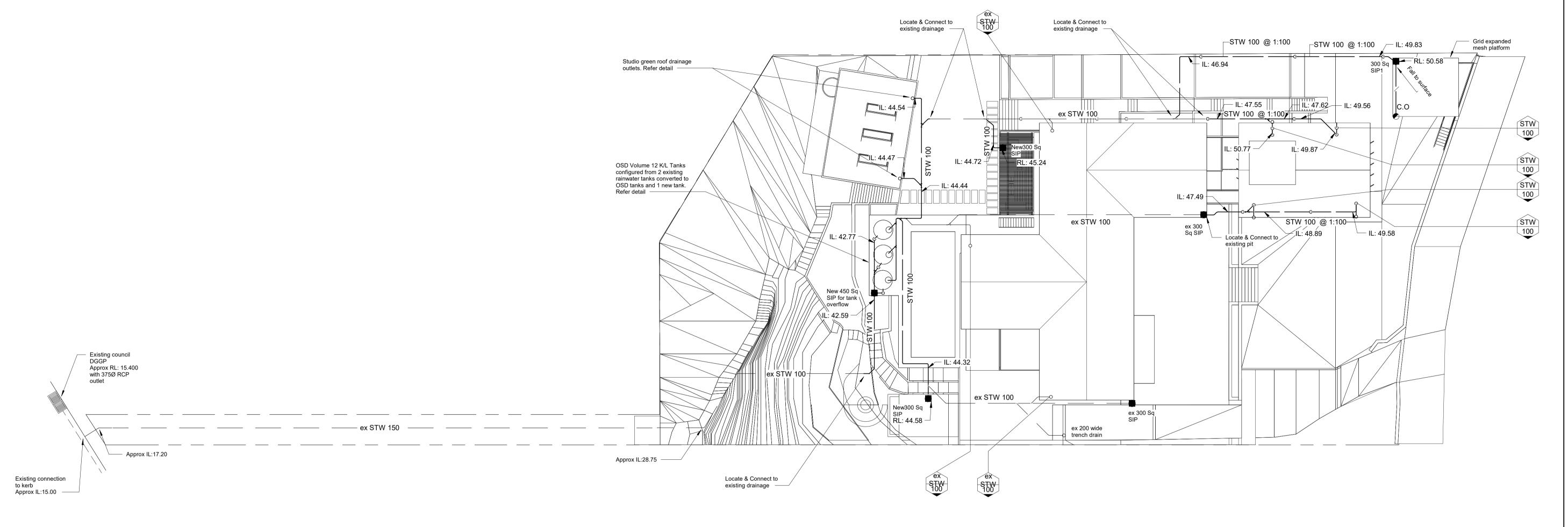
3. CONTRACTOR TO BE RESPONSIBLE FOR CONFIRMING LOCATIONS & SIZING OF EXISTING SERVICES BEFORE COMMENCING ANYPROPOSED WORKS.

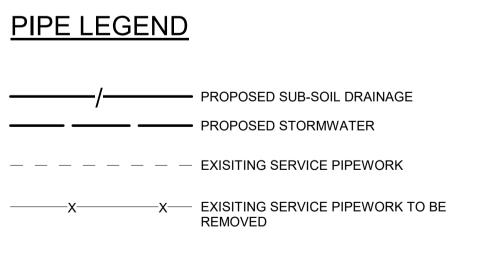
4. ALLOW TO CO-ORDINATE WITH ALL OTHER TRADES.

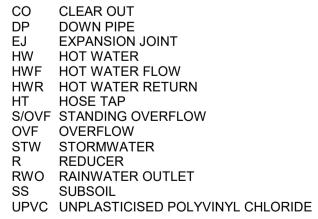
UPVC DRAINS TO BE LAID IN ACCORDANCE WITH AS 2032-1977. ALL IN GROUND DRAINAGE SHALL BE 100MM DWV UNLESS NOTED OTHERWISE.

ALL HOSE TAPS SHALL BE PROVIDED WITH A STOP VALVE UPSTREAM. 8. ALL VENTS SHALL TERMINATE THROUGH ROOF TO ATMOSPHERE WITH FLASHING AND OVER FLASHING AND APPROVED COWL.





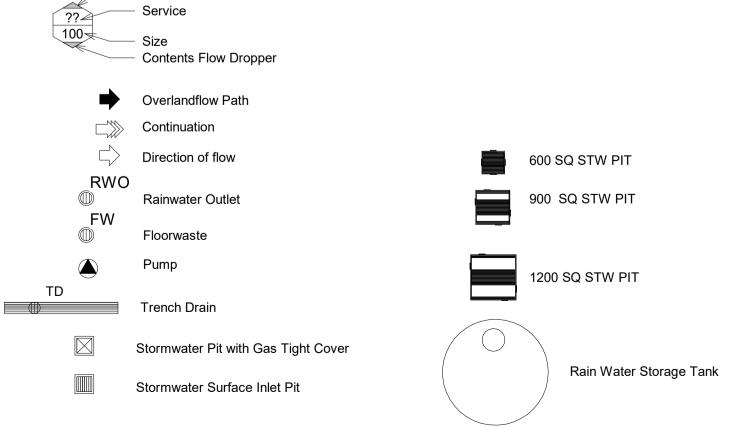




ABBREVIATIONS

<u>FIX</u>	KTURE ABBREVIATIONS
DOM	DACIN

BASIN FLOORWASTE WATER CLOSET SINK (KITCEN, BAR, POT) BSN BASIN FW FLOOF WC WATER SK SINK (K SHR BATH BI BIDET



Sheet Number	Sheet Name	Current Revision	Sheet Issue Date	
		1	<u>'</u>	
H-01	DRAINAGE - SITE PLAN	1	19/06/24	
H-01 H-02	DRAINAGE - SITE PLAN DRAINAGE FLOOR PLANS	1	19/06/24 19/06/24	

DA ISSUE



Mr Adoncello 1/06/24 **DATE**



ARCHITECT :	MATT DAY ARCHITEC
	Suite 1 & 2
	6 Waratah Street, Mona Vale NSW 21

SYMBOLS

Contents Flow Riser

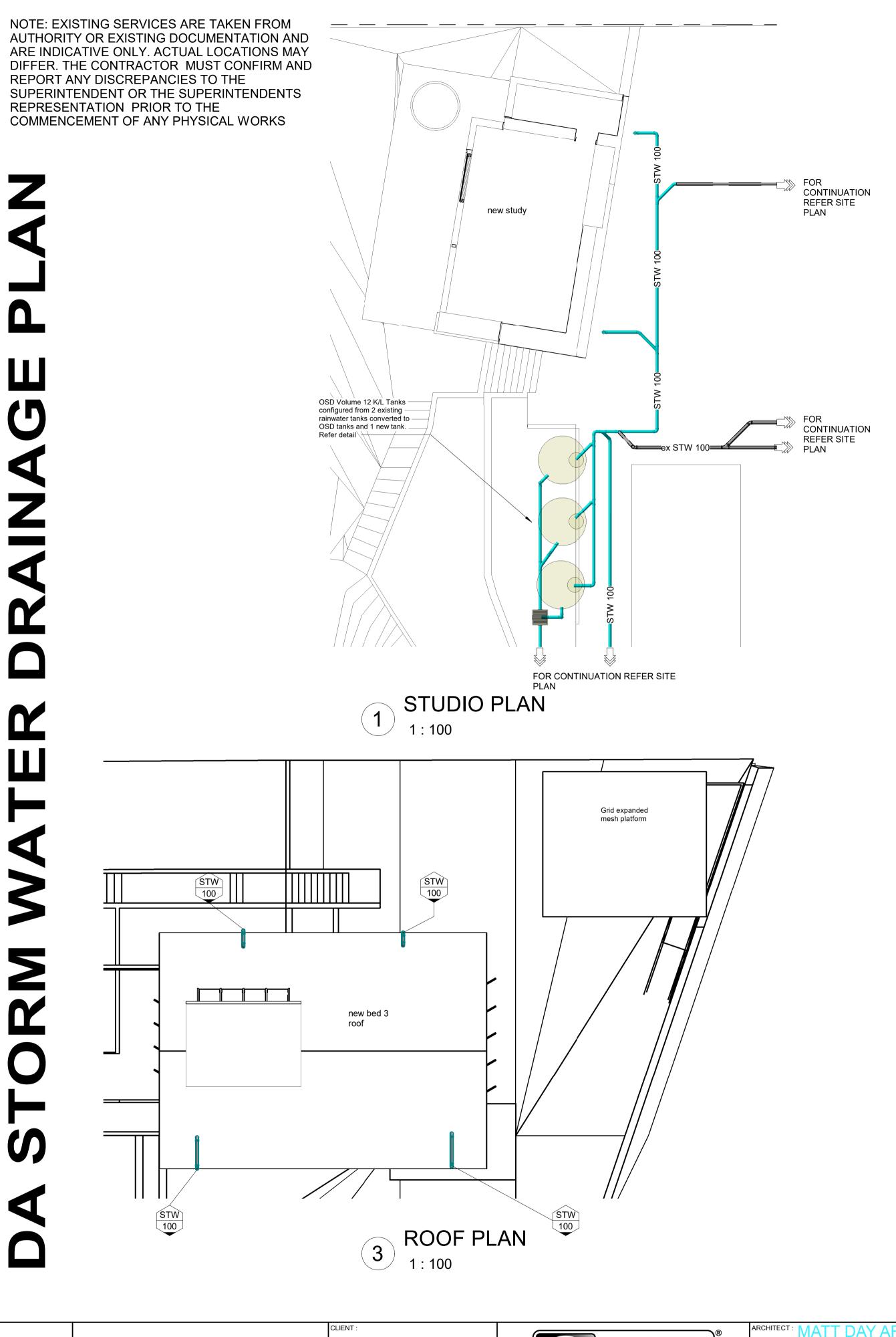
email: matt@mattdayarchitect.com.au mob. 0400 661 788 registered architect : matt day no. 7748



Residential Alterations	
Additions	
52 Hilltop Road, Avalon	

DRAWING TITLE	HYDRAULIC SERVICES
DRAIN	AGE - SITE PLAN

DRAWN DESIGNED CH		ECK	ED				
RM	RM		RM				
				DA	TE		SCALE @ A1
				19/	06/24		As indicated
JOB NUMBER		DWG N	lo.		REV.	STATUS	
4082 H-			1		1	DA I	SSUE



GENERAL NOTES

ALL WORKS TO BE EXECUTED IN ACCORDANCE WITH AS 3500 & COUNCIL REQUIREMENTS

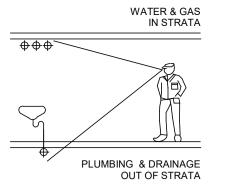
THIS PLANT TO BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL AND OTHER SERVICES DRAWINGS INCLUDING

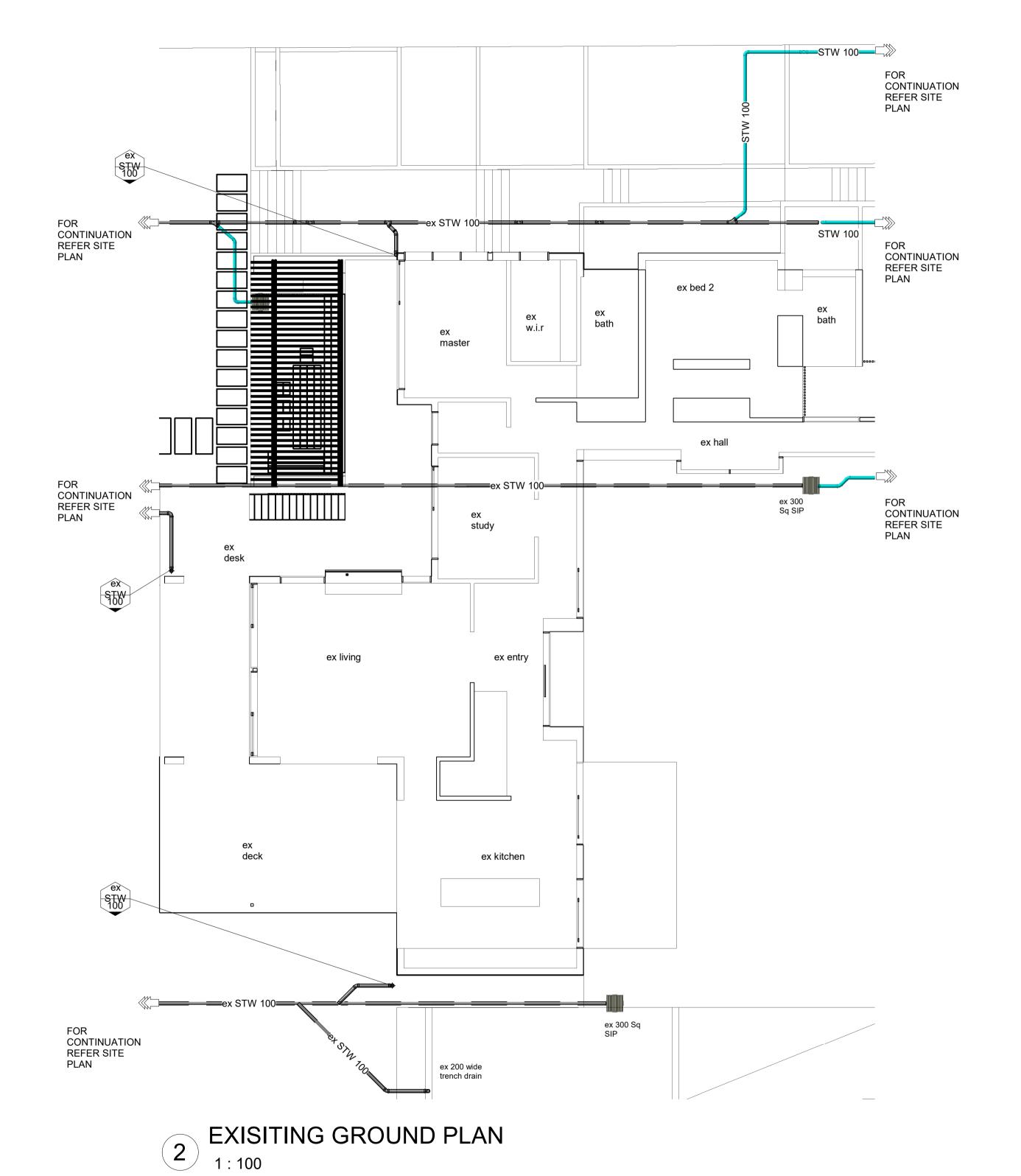
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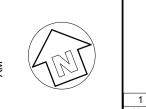
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DA ISSUE



Mr Adoncello 1/06/24 **DATE**



ARCHITECT: MATT DAY ARCHITECT

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maconachie & partners p/l Suite 18, 265-271 Pennant Hills Road Thornleigh NSW 2120 p: +61 2 8005 8387, m: +61 419 637 849 e: rod@mapp.com.au www.mapp.com.au

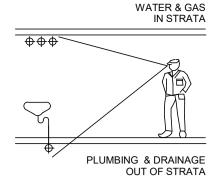
Residential Alterations & **Additions** 52 Hilltop Road, Avalon

HYDRAULIC SERVICES DRAINAGE FLOOR PLANS DESIGNED RM CHECKED SCALE @ A1 M: 100 H-02 1 DA ISSUE

GENERAL NOTES

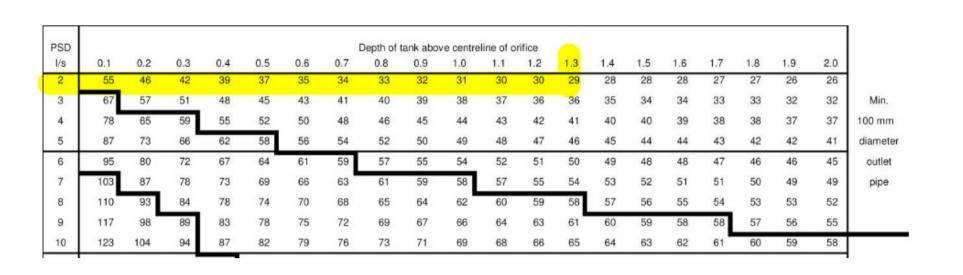
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Green Roof



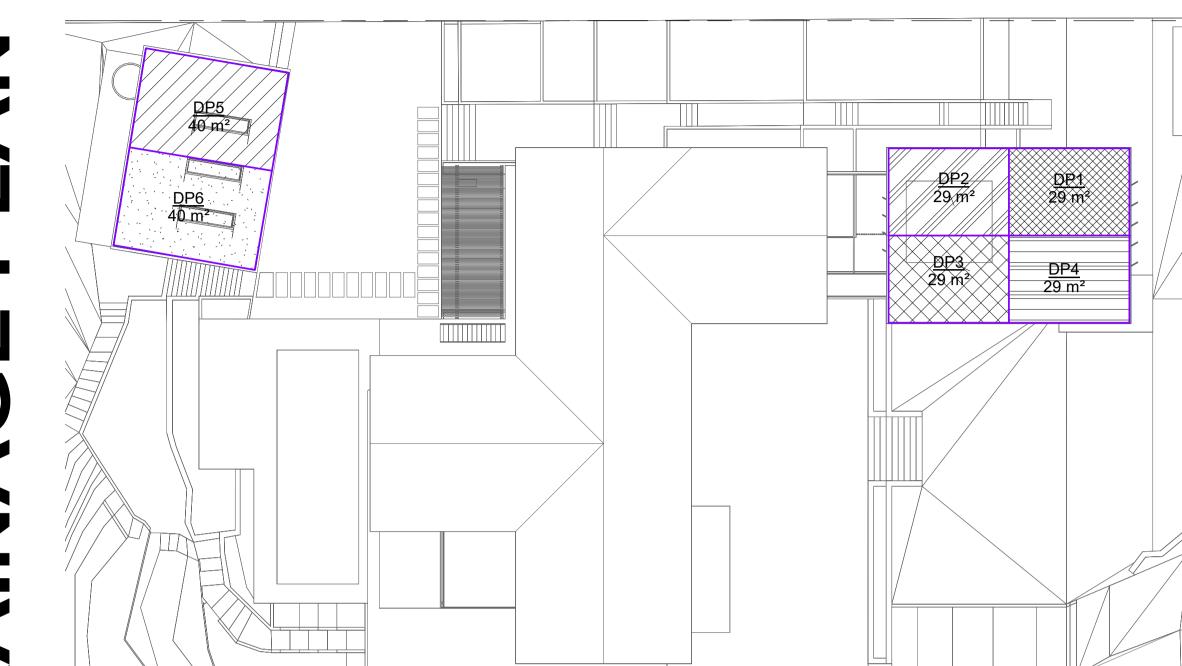
Northern Beaches Council - OSD - Calculations

Additional Hard Stand Area (M Minimum Capacity of On Site Detention Discharge Rate (L/Sec) 164.8 (>150-200) 12,000



Formula for Orifice Plate Equation : $Q = C. A. \sqrt{(2.g.H)}.10^3$						
Location of Orifice Plate	Discharge from Orifice Plate	Head Over Centre of Orifice	Diameter of Orifice Plate			
	l/s	m	mm			
Head in Tank	2	1.300	29			

CATCHMENT AREAS ARI 100						
Name	Area	ARI100	L/SEC			
DP1	29 m²	271	2.21			
DP2	29 m²	271	2.21			
DP3	29 m²	271	2.21			
DP4	29 m²	271	2.21			
DP5	40 m²	271	3.04			
DP6	40 m²	271	3.02			
Grand total: 6	198 m²		14.91			



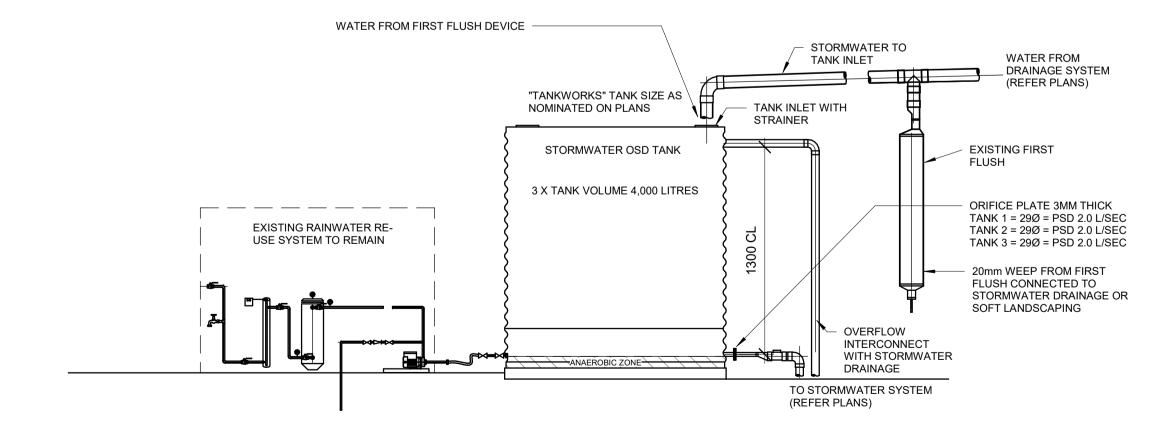
ROOF AREAS

Project Notes

- THE INFORMATION SHOWN ON THESE DRAWINGS IS DIAGRAMMATIC ONLY. SHOULD MAJOR DISCREPANCIES BETWEEN THE SITE CONDITIONS AND THE DRAWINGS BECOME APPARENT THE
- PROJECT MANAGER SHALL BE NOTIFIED ALL WORKS IS TO BE EXECUTED IN ACCORDANCE WITH AS 3500, AS 2419, AS 2441 AND
- RELEVANT AUTHORITIES REQUIREMENTS ALLOW TO LOCATE AND CONFIRM THE LOCATION OF ALL EXISTING SERVICES PRIOR TO
- COMMENCEMENT OF WORKS.
- CONDUCT 1100 DIAL BEFORE DIG INQUIRES PRIOR TO COMMENCEMENT OF WORKS. DO NOT SCALE FORM DRAWINGS.
- ALL WORK TO BE CO-ORDINATED WITH OTHER TRADES. THE CONTRACTOR, SUBCONTRACTOR, THEIR AGENT, OR WHOMEVER IS RESPONSIBLE FOR THE WORKS OUTLINED IN THESE DRAWINGS SHALL TAKE FULL RESPONSIBILITY FOR THE
- AUTHORITY MARKED- UP HARD COPIES OF THE CONTRACT DRAWINGS SHALL REMAIN ON SITE AT ALL TIMES
- AND BE ACCURATE TO THE WORKS EXECUTED. ALL WORKS TO BE CO-ORDINATED WITH OTHER TRADES AND THE PROJECT MANAGER TO ENSURE THE NORMAL OPERATION OF THE FACILITY ARE NOT UNDULY INTERRUPTED.

CONSTRUCTION OF THE WORKS AND THE PAYMENT OF ALL FEES TO THE RELEVANT

NOTE: EXISTING SERVICES ARE TAKEN FROM AUTHORITY OR EXISTING DOCUMENTATION AND ARE INDICATIVE ONLY. ACTUAL LOCATIONS MAY DIFFER. THE CONTRACTOR MUST CONFIRM AND REPORT ANY DISCREPANCIES TO THE SUPERINTENDENT OR THE SUPERINTENDENTS REPRESENTATION PRIOR TO THE COMMENCEMENT OF ANY PHYSICAL WORKS



OSD TANK CONVERSION

Concrete Slab Geo-Fabrics Sheet Drainage Cell as Specified -Waterproof Membrane & Protection Board to Structural Engineers **Details & Specification** STUDIO Block or Concrete Retaining Wall Clean Granular Fill Geotextile Fabric 20mm No Fines Granular Fill Footing 100mm Slotted Sub-soil Drain

> NOTE! THE BUILDING IS TO BE TANKED REFER TO STRUCTURAL REQUIEMENTS FOR DETAILS

STUDIO WALL DRAINAGE

DA ISSUE

Mr Adoncello 1/06/24 **DATE** DA Application

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Residential Alterations & Additions 52 Hilltop Road, Avalon

HYDRAULIC SERVICES CATCHMENT PLAN, **CALCUATIONS & DETAIL** SHEET

RMRMRMSCALE @ A1 19/06/24 As indicated 1 DA ISSUE H-03 4082

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