

LEGEND

- DP 90mm DOWNPIPE
- 450X450 SILT ARRESTOR PIT
- SW — STORMWATER PIPE
- RW — CHARGED RAINWATER PIPE

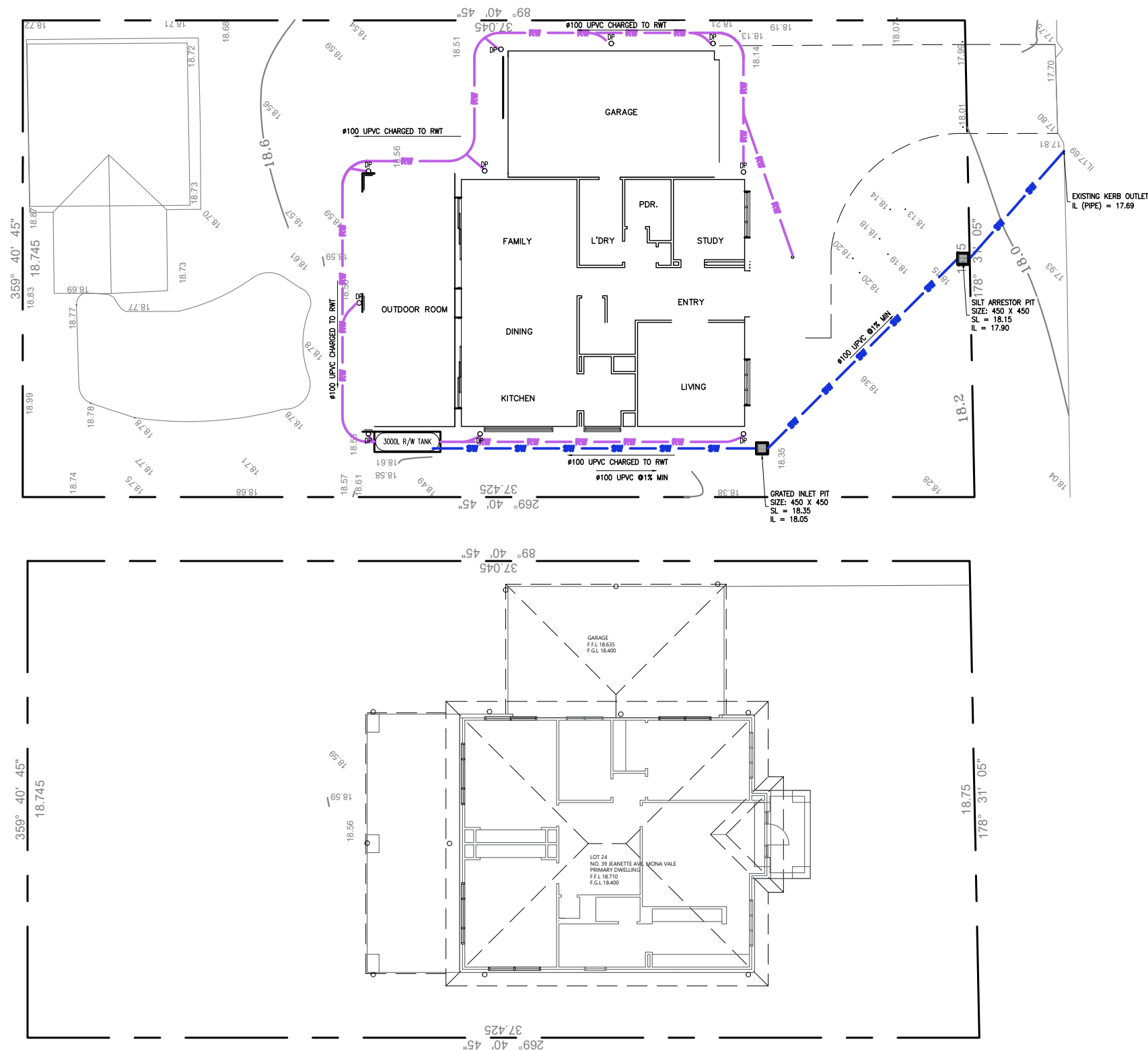
AS PER AS3500.3

ARI 5% 5MIN 206mm/HR

ROOF AREA (AS PER PLAN) (LOWER FLOOR)
AREA = 72M2
SLOPE = 18 DEGREES
MIN DOWNPIPE REQUIRED = 3
PREFERRED DOWNPIPE USED = 6
DIAMETER OF DOWNPIPE = 90MM

ROOF AREA (AS PER PLAN) (FIRST FLOOR)
AREA = 145M2
SLOPE = 22.5 DEGREES
MIN DOWNPIPE REQUIRED = 6
PREFERRED DOWNPIPE USED = 6
DIAMETER OF DOWNPIPE = 90MM

APPROX. EFF. XSEC AREA EAVE 6165mm²



THESE DETAILS HAVE BEEN PREPARED
IN ACCORDANCE WITH ARCHITECTURAL

DESIGN NAME:	—
PREPARED BY:	METRICON
DRAWING/JOB No.	730002
REVISION/ISSUE:	D
DATED:	21.12.21

STORMWATER DRAINAGE PLAN



NSW • QLD
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APPROVED BY:

GERVASE PURICH
FIEAust, C.P.Eng., NER, BPB, RPEQ

CLIENT REF:
730002
DATE:
1/02/2022
DRAWN:
MD
SCALE:
1:200

CLIENT:

LOGO

FOR:
MR & MRS DEVITT

SITE ADDRESS:
LOT 24, 39 JEANETTE AVE,
MONA VALE, NSW, 2103

DRAWN	DATE	AMENDMENT	REV	JOB No:	ISSUE:
				MT0058-SW	-
				SHEET No:	
				01 of 02	

GENERAL NOTES

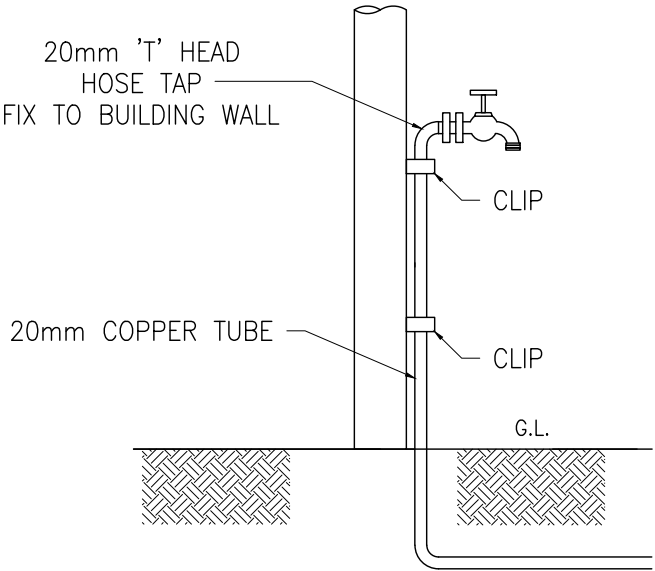
1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTACT. ALL DISCREPANCIES SHALL BE REFERRED TO THE OWNER FOR DECISION BEFORE PROCEEDING WITH THE WORK.
2. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.
3. SETTING OUT DIMENSIONS SHOWN ON THE DRAWING SHALL BE VERIFIED BY THE CONTRACTOR.
4. DURING CONSTRUCTION, THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVER-STRESSED.

STORMWATER DRAINAGE NOTES

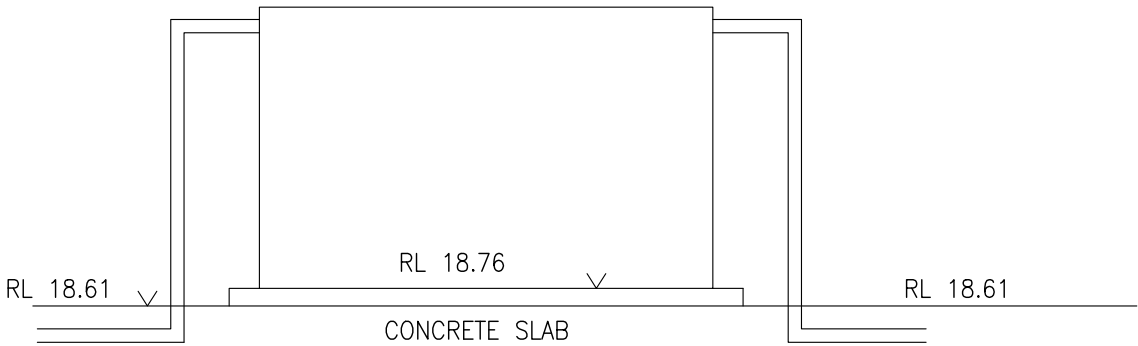
- ALL WORK TO BE IN ACCORDANCE WITH AS3500.3.1 AND AS3500.3.2
- ALL PIPES TO BE Ø100 uPVC AT 1.0% MIN FALL. SEWER GRADE, UNLESS NOTED OTHERWISE
- NOTIFY ENGINEER OF ANY DISCREPANCIES ON SITE
- DIAL BEFORE YOU DIG. PRIOR TO COMMENCING WORK.
- SILT ARRESTOR/ GRATED INLET PITS 450X450 U.N.O
- ALL WORK IN ACCORDANCE WITH THE LOCAL GOVERNMENT ACT, COUNCILS STANDARD SPECIFICATION AND CODES AND TO THE SATISFACTION OF COUNCILS SUPERVISING OFFICER.
- THIS PLAN TO BE READ IN CONJUNCTION WITH PLANS PREPARED BY THE ARCHITECTS AND STRUCTURAL ENGINEERS PLANS.
- INSTALL TEMPORARY SEDIMENT BARRIERS AROUND ALL INLET PITS TO DETAIL UNTIL SURROUNDING AREAS ARE PAVED OR GRASSED.
- CONTRACTOR IS TO VERIFY THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF EXCAVATION FOR DRAINAGE.
- ALL PITS TO BE BENCHED TO HALF PIPE SECTION AND TO HAVE GALVANISED STEEL GRATES AND SURROUNDS.
- PIPE GRADES SHOWN ARE INDICATIVE MINIMUM.
- PIPES ARE TO BE LAID TO I.L. LEVELS INDICATED AT PITS.

RAINWATER TANK NOTES:

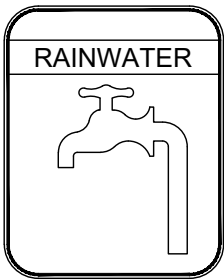
1. PUMP FOR RAINWATER TANK TO BE CONNECTED TO TOILETS, LAUNDRY AND GARDEN TAP FOR IRRIGATION.
2. PUMP MUST HAVE MAINS WATER BACKUP WITH AN APPROVED BACKFLOW PREVENTION DEVICE. DEVICE TO BE ACCESSIBLE FOR TESTING.
3. A FIRST FLUSH DEVICE OR FILTER BAG IS TO BE INSTALLED.
4. RAINWATER TANK MUST NOT BE CONNECTED TO THE MAIN DRINKING WATER SUPPLY.
5. RAINWATER TANK MUST CONTAIN A BYPASS OF THE PUMP IN THE EVENT OF A POWER FAILURE.
6. RAINWATER TANK MUST BE CONSTRUCTED IN ACCORDANCE WITH AUSTRALIAN STANDARD. AS/NZ 3500.1.2-2015: NATIONAL PLUMBING AND DRAINAGE-WATER SUPPLY-ACCEPTABLE SOLUTIONS, WHICH PROVIDES GUIDANCE ON THE DESIGN OF STORMWATER AND RAINWATER REUSE SYSTEMS.
7. RAINWATER TANK MUST BE PROVIDED WITH AN AIR GAP (SEE AS/NZ 3500.1.2 AND AS2845.2)
8. RAINWATER TANK MUST BE KEPT WELL MAINTAINED AND CLEANED IN ACCORDANCE WITH THE MANUFACTURING REQUIREMENTS AND THE REQUIREMENTS OF SYDNEY WATER.



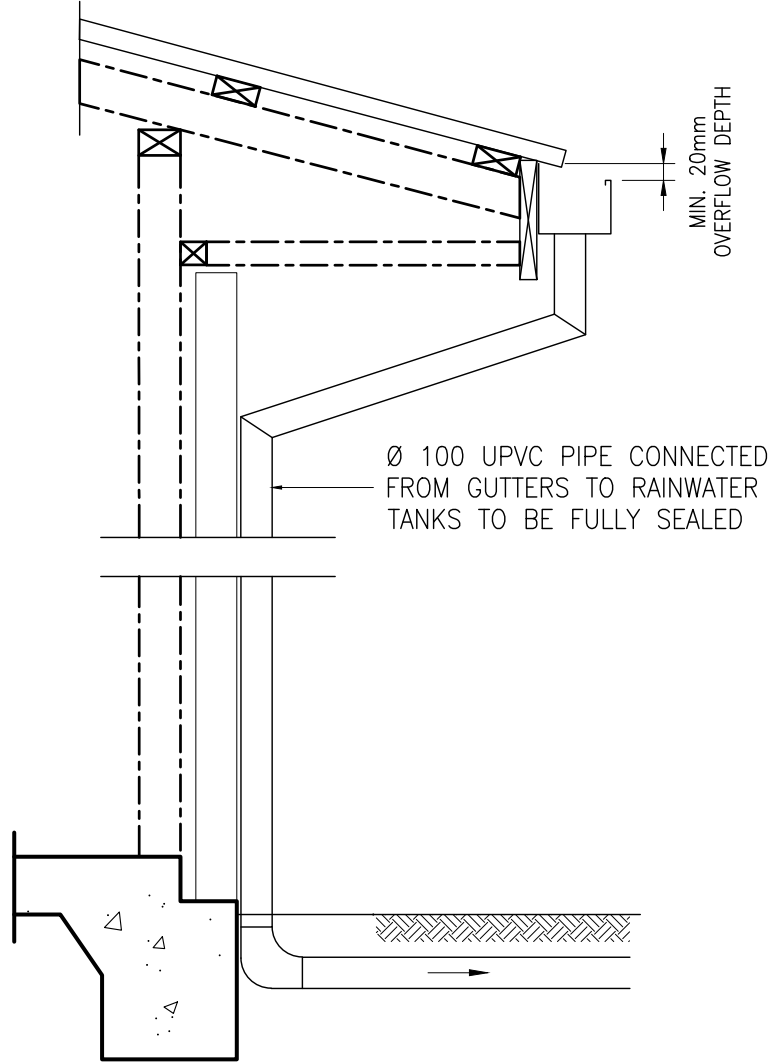
HOSE TAP DETAIL
N.T.S



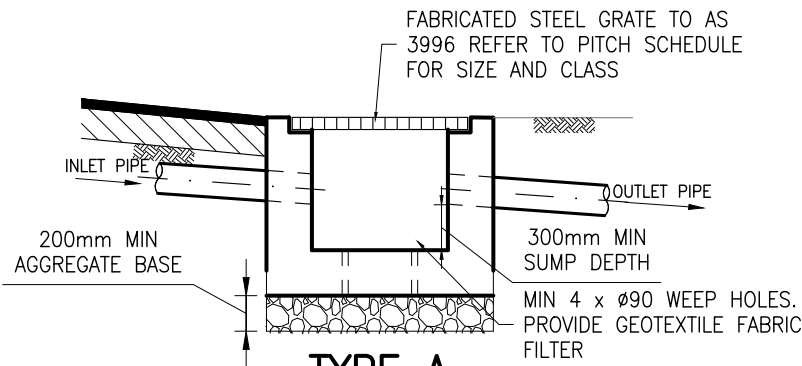
SECTION THROUGH MAIN DWELLING
RAINWATER TANK
N.T.S




BLACK TAP ON YELLOW BACKGROUND
WHITE LETTERING ON BLACK STRIP
BLACK BORDER



TYPICAL DOWNPIPE ORIENTATION
N.T.S



TYPE A -
SILT ARRESTOR PIT DETAIL
N.T.S



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