

SITE STORMWATER MANAGEMENT LAYOUT

SCALE 1:200/A3

STORMWATER LAYOUT NOTES

- 1) PITS DEEPER THAN 600mm TO BE 600 X 900 W, ELSE 375 SQ U.N.O.
- 2) ALL PIPES TO HAVE 1% MIN. GRADE U.N.O.
- 3) ALL DOWNPIPES TO BE 100 X 50 BOX or 90 Ø.
- 4) PIPES TO BE U.P.V.C. OR STORMWATER PIPE TO A.S.1254.
- 5) PITS TO BE STANDARD PRECAST CONCRETE PITS OR BRICK RENDERED WITH CONCRETE HEAVY DUTY GRATES SIZED AS PITS PER PLAN.
- 6) NO SEWER VENTS, GULLY PITS OR SIMILAR TO BE LOCATED BELOW THE MAXIMUM WATER SURFACE LEVEL IN DETENTION BASINS.
- 7) PERSONS UTILISING THIS PLAN FOR ANY PURPOSES SHALL VERIFY THE DATUM & RESPECTIVE LEVELS PRIOR TO

- COMMENCING ANY WORKS & NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- 8) DRIVEWAY LEVELS PROVIDED FOR DRAINAGE DESIGN PURPOSES ONLY. LEVELS MAY BE ADJUSTED TO SUIT FINAL HOUSE CUT/FILL CONDITIONS BUT NEED TO MAINTAIN INTENT OF DRAINAGE SYSTEM. ENGINEER TO BE CONSULTED PRIOR TO CONSTRUCTION TO ENSURE INTENT MAINTAINED.
 - 9) END OF EXISTING DRAINAGE LINE TO BE EXPOSED & LEVELS CONFIRMED BY BUILDER PRIOR TO COMMENCEMENT OF WORKS.
 - 10) BUILDERS TO ENSURE SERVICES CONNECTIONS TO HOUSE DO NOT CONFLICT WITH DRAINAGE DESIGN REQUIREMENTS.
 - 11) ALL WORKS TO BE CONSTRUCTED TO GOOD BUILDING PRACTICE & MATERIALS TO MEET ACCEPTED SPECIFICATIONS.

PIPE SCHEDULE

TAG	SIZE	MATERIAL	GRADE	DESCRIPTION
'A'	100 Ø	P.V.C	1% MIN	REGULAR GRAVITY PIPE
'B'	150 Ø	P.V.C	1% MIN	REGULAR GRAVITY PIPE
'X'	100 Ø	P.V.C	CHARGED	TO FEED RAINWATER TANK
'F'	100 Ø	P.V.C	1% MIN	FLUSHING LINE - CAPPED END

LEGEND

P1	PIT LABEL	G.F.L.	GARAGE FLOOR LEVEL
	SUMP PIT	• 0.00	EXISTING REDUCED LEVEL
	300x300 FLOOR GULLY	• R.L. 157.00	PROPOSED REDUCED LEVEL
	100/150 Ø GARDEN GULLY	■ DP	DOWNPIPE
	DRAINAGE PIPE	■ SP	SPITTER/SPREADER
	AERIAL PIPE	⊙	CLEANING EYE
S.L.	SURFACE LEVEL		SEDIMENT FENCE
I.L.	INVERT LEVEL	— ∞ —	AG LINE
F.F.L.	FINISHED FLOOR LEVEL	⇒	OVERLAND FLOW



RAINWATER TANK
AS SHOWN ON PLAN

PROVIDE A RAINWATER TANK
3000L IN CAPACITY TO SUIT
ALL BASIX REQUIREMENTS.
TANK TO BE CONNECTED AS
SPECIFIED IN BASIX REPORT.

ENSURE ALL CONNECTIONS
WITHIN CHARGED SYSTEM
ARE SOLVENT WELDED

ALL DOWNPIPES ARE TO BE
ENTIRELY PVC. PIPES ARE TO
BE SEALED UP TO U/S OF
ROOF GUTTERS

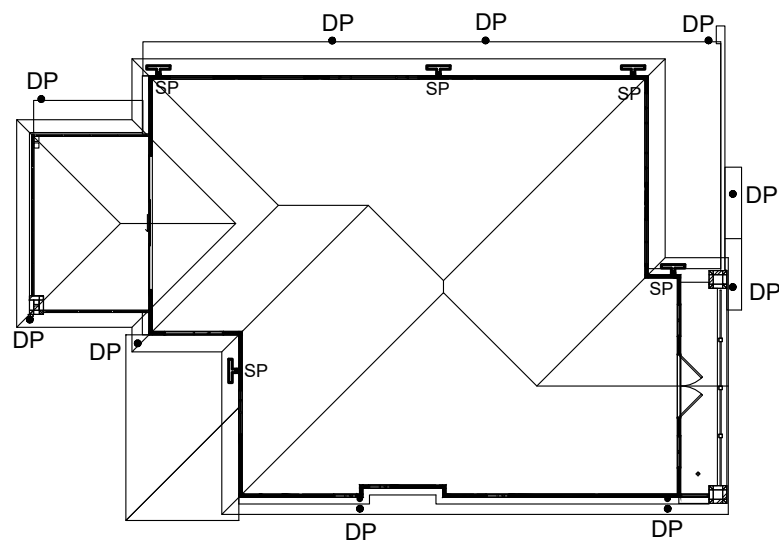
ROOF GUTTERS I.L. 6.05
TANK INLET I.L. 4.00
HEAD PRESSURE - 2050mm

alwdesign
CIVIL ENGINEERING CONSULTANTS

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JOB NUMBER:
SW20275
DRAWING NUMBER:
SW20275 - S1

PROJECT: PROPOSED RESIDENTIAL DWELLING AT LOT 7, # 353 PITTWATER ROAD, NORTH MANLY NSW			
DRAWING: SITE STORMWATER MANAGEMENT LAYOUT			
DESIGNED	DRAWN	CHECKED:	ANDREW L WAHBE - BE (CIVIL) MIEAUST PENG
A.W	N.W	DRAWINGS NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY DESIGNING ENGINEER	
A	ISSUED FOR DEVELOPMENT APPLICATION		14/10/20
ISSUE	REVISION DESCRIPTION		APPR. DATE

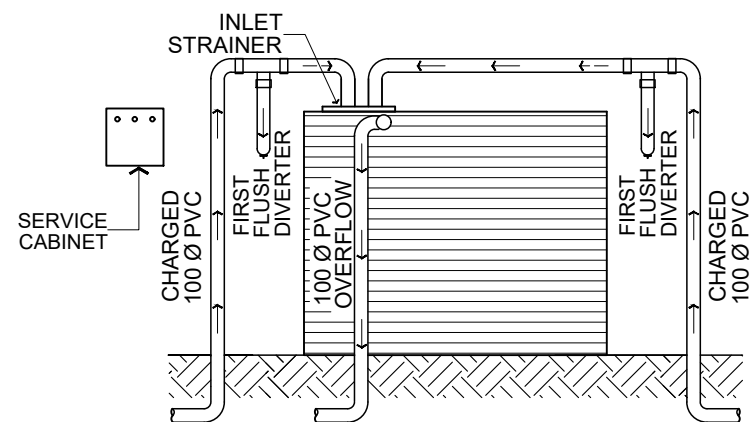


ROOF & FIRST FLOOR LAYOUT
SCALE 1:200/A3

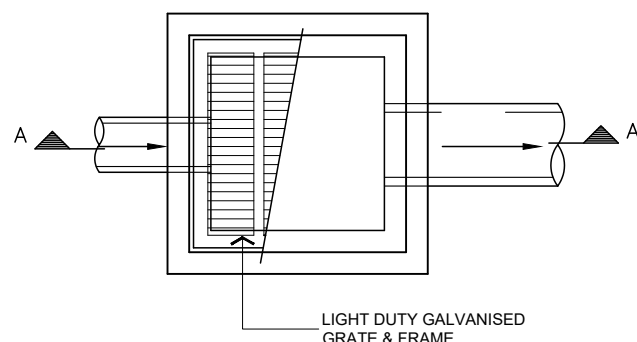
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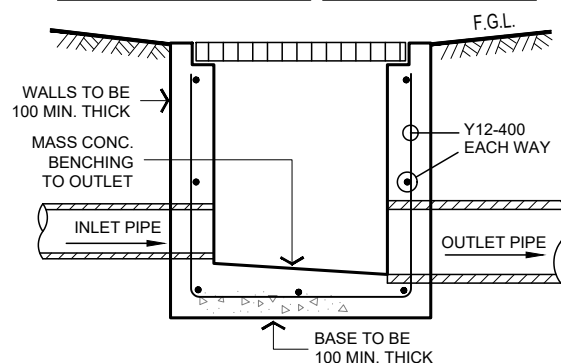
RAINWATER TANK CONFIGURATION



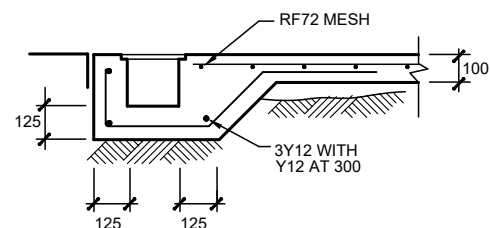
TYPICAL PIT DETAIL

IN TRAFFICABLE AREAS
BRICKWORK/BLOCKWORK WALLS OR
PRECAST CONCRETE PITS MAY BE USED
SUBJECT TO APPROVAL

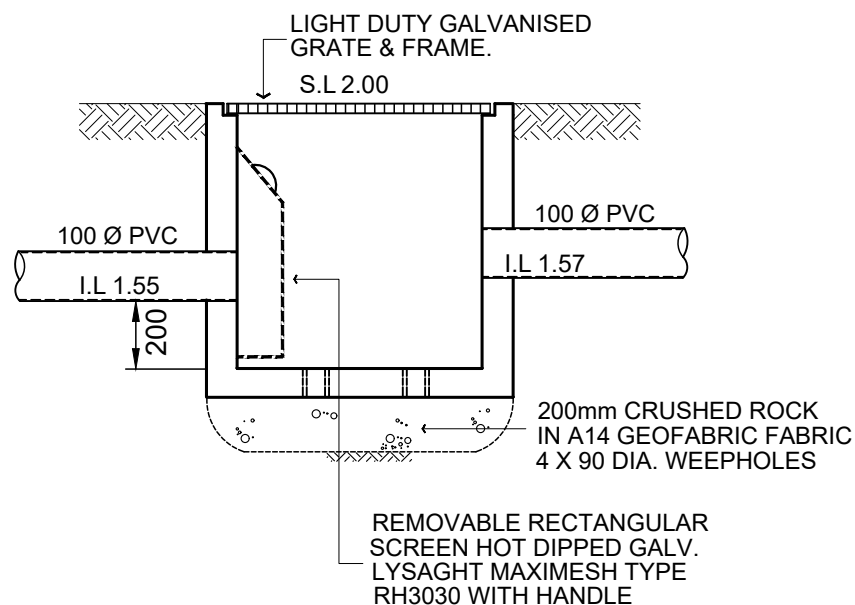
IN NON-TRAFFICABLE AREAS
FIBRE-GLASS OR
HARD-PLASTIC PITS MAY BE USED
SUBJECT TO APPROVAL



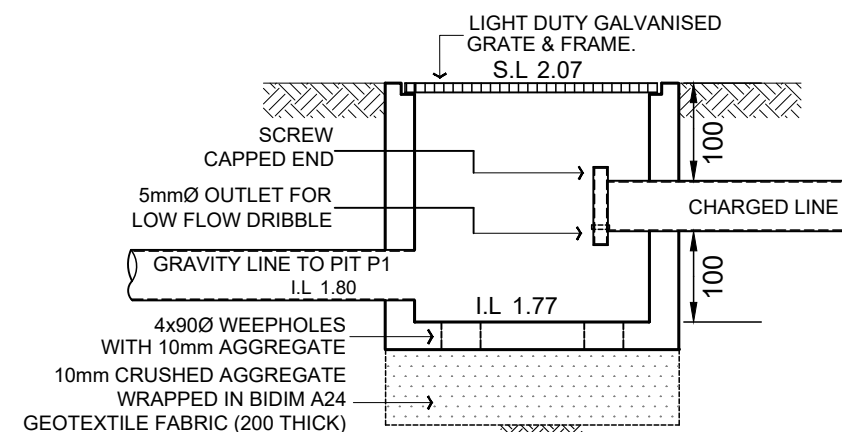
TYPICAL SECTION A



GRATED DRAIN



PIT P1 - 450x450



PIT CO1 - 300x300
CLEAN-OUT PIT
FOR CHARGED LINE SYSTEMS

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JOB NUMBER:
SW20275
DRAWING NUMBER:
SW20275 - S2

PROJECT: PROPOSED RESIDENTIAL DWELLING AT
LOT 7, # 353 PITWATER ROAD, NORTH MANLY NSW
DRAWING: ROOF LAYOUT & GENERAL DETAILS

DESIGNED	DRAWN	CHECKED	APPROVED	DATE
A.W	N.W		ANDREW L WAHBE - BE (CIVIL) MIEAUST PENG	14/10/20
A	ISSUED FOR DEVELOPMENT APPLICATION			
ISSUE	REVISION DESCRIPTION			APPR. DATE