

SITE STORMWATER MANAGEMENT LAYOUT

SCALE 1:200/A3

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
'R'	150x100	GALV RHS	1% MIN	DISCHARGE PIPE TO KERB

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

SITE AREA	= 703 m2
EXISTING GRANNY FLAT & PATHS	= 118 m2
EXISTING DWELLING & DRIVEWAY	= 207 m2
PRE-DEVELOPED SITE COVER	= 325 m2
EXISTING GRANNY FLAT & PATHS	= 118 m2
PROPOSED DWELLING & DRIVEWAY	= 234 m2
PRE-DEVELOPED SITE COVER	= 352 m2
ADDITIONAL IMPERVIOUS AREA	= 27 m2

ON SITE DETENTION IS NOT REQUIRED
ACCORDING TO THE WATER MANAGEMENT FOR
DEVELOPMENT POLICY - TABLE 7, SECTION 9.0
ONSITE STORMWATER MANAGEMENT

alwdesign
CIVIL ENGINEERING CONSULTANTS

P: 02 9802 5509 E: admin@alwdesign.com.au
M: 0413 763 432 69 DELANGE ROAD, PUTNEY NSW 2112

JOB NUMBER:
SW21226
DRAWING NUMBER:
SW21226 - S1

PROJECT:	PROPOSED RESIDENTIAL DWELLING AT LOT 76, # 26 CALVERT PARADE, NEWPORT 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		08/07/21
ISSUE	REVISION DESCRIPTION		APPR. DATE

RAINWATER TANK
AS SHOWN ON PLAN

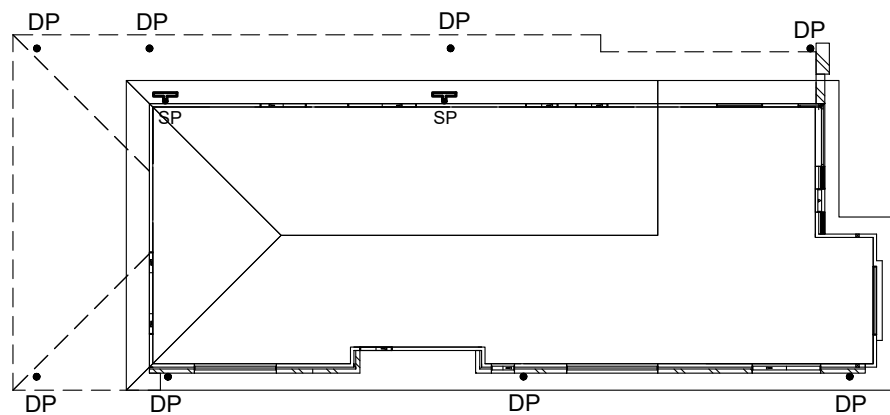
PROVIDE A RAINWATER TANK
3000L IN CAPACITY TO SUIT
ALL BASIX REQUIREMENTS.
TANK TO BE CONNECTED AS
SPECIFIED IN BASIX REPORT.

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. 28.69
TANK INLET I.L. 27.56
HEAD PRESSURE - 1130mm

STORMWATER LAYOUT NOTES	
1) PITS DEEPER THAN 600mm TO BE 600 X 900 W, ELSE 375 SQ U.N.O.	COMMENCING ANY WORKS & NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
2) ALL PIPES TO HAVE 1% MIN. GRADE U.N.O.	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.
3) ALL DOWNPIPES TO BE 100 X 50 BOX or 90 Ø.	9) END OF EXISTING DRAINAGE LINE TO BE EXPOSED & LEVELS CONFIRMED BY BUILDER PRIOR TO COMMENCEMENT OF WORKS.
4) PIPES TO BE U.P.V.C. OR STORMWATER PIPE TO A.S.1254.	10) BUILDERS TO ENSURE SERVICES CONNECTIONS TO HOUSE DO NOT CONFLICT WITH DRAINAGE DESIGN REQUIREMENTS.
5) PITS TO BE STANDARD PRECAST CONCRETE PITS OR BRICK RENDERED WITH CONCRETE HEAVY DUTY GRATES SIZED AS PITS PER PLAN.	11) ALL WORKS TO BE CONSTRUCTED TO GOOD BUILDING PRACTICE & MATERIALS TO MEET ACCEPTED SPECIFICATIONS.
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	

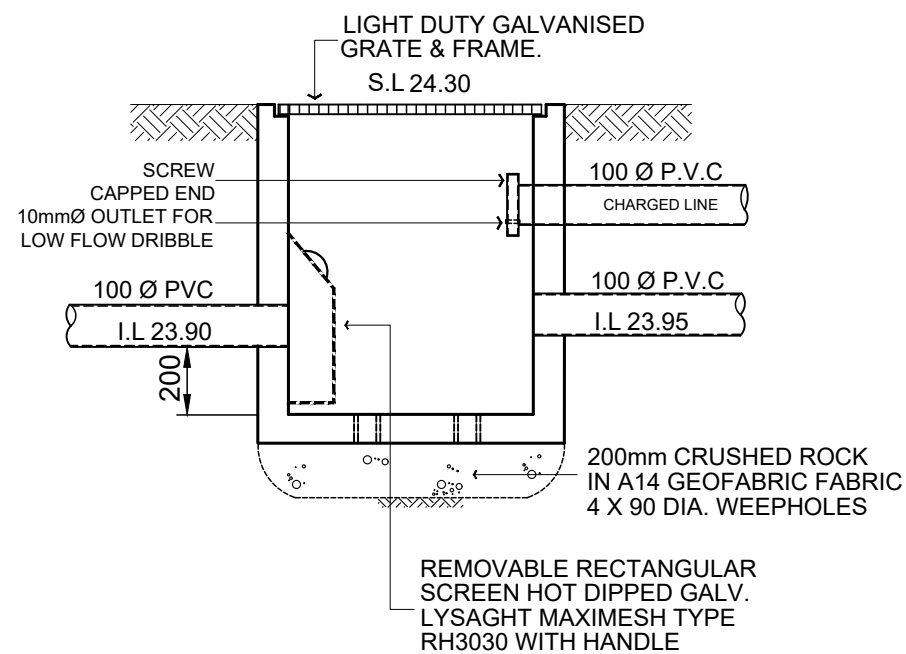


ROOF & FIRST FLOOR LAYOUT
SCALE 1:200/A3

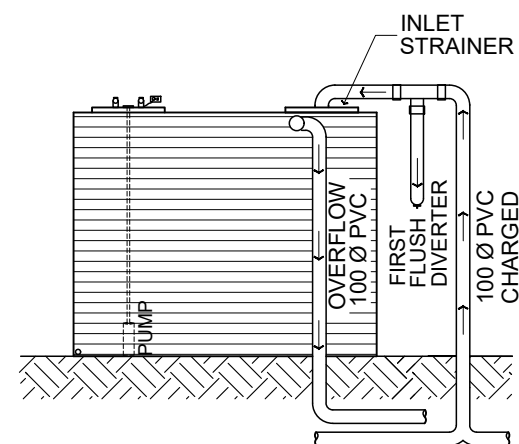
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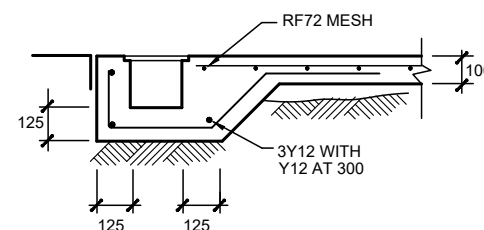
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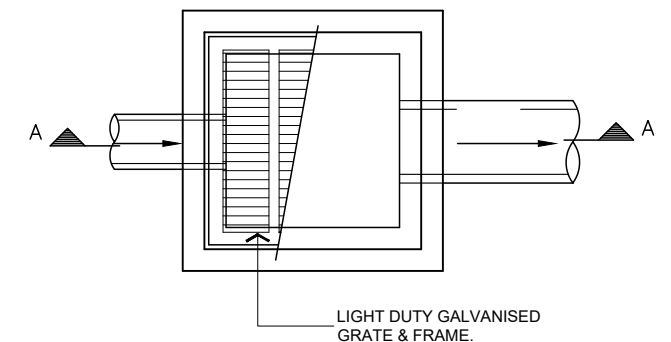
PIT P1 - 450x450



**EVOLUTION MkIII RAINWATER TANK
CONFIGURATION BY KINGSPAN**

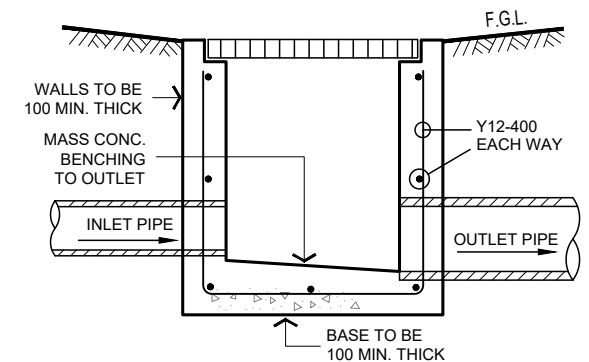


GRATED DRAIN



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
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TYPICAL SECTION A