



- ### 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.

LEGEND

P1	PIT LABEL	G.F.L.	GARAGE FLOOR LEVEL
[Symbol]	SUMP PIT	• 0.00	EXISTING REDUCED LEVEL
[Symbol]	300x300 FLOOR GULLY	• R.L. 157.00	PROPOSED REDUCED LEVEL
[Symbol]	100/150 Ø GARDEN GULLY	DP	DOWNPIPE
[Symbol]	DRAINAGE PIPE	SP	SPITTER/SPREADER
[Symbol]	AERIAL PIPE	[Symbol]	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 UPTO U/S OF ROOF GUTTERS

ROOF GUTTERS I.L. 10.88
TANK INLET I.L. 9.45
HEAD PRESSURE - 1430mm

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

PIT CO1
S.L. 7.75
I.L. 7.55
350x350

PIT P2
S.L. 7.77
I.L. 7.57
350x350

PIT P1
S.L. 7.67
I.L. 7.37
450x450

CONNECT DIRECT TO KERB INVERT
TOK 7.45
GUL 7.30

ENSURE 100mm MINIMUM COVER IS PROVIDED TO PIPELINE

125 WIDE x 100 DEEP GRATED DRAIN

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JOB NUMBER: SW22093
DRAWING NUMBER: SW22093 - S1

PROJECT: PROPOSED RESIDENTIAL DWELLING AT LOT 2, # 44 BALMORAL AVENUE, CROYDON PARK
DRAWING: SITE STORMWATER MANAGEMENT LAYOUT

DESIGNED: A.W. DRAWN: N.W. CHECKED: ANDREW L WAHBE - BE (CIVIL) MIEAUST PENG
DRAWINGS NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY DESIGNING ENGINEER

A	ISSUED FOR DEVELOPMENT APPLICATION	18/03/22
ISSUE	REVISION DESCRIPTION	APPR. DATE