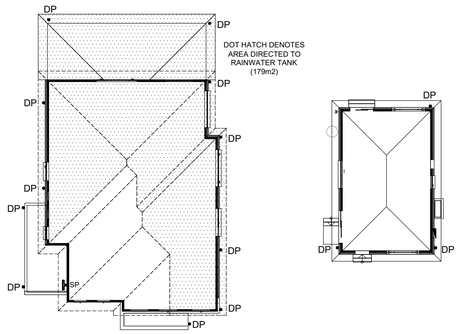
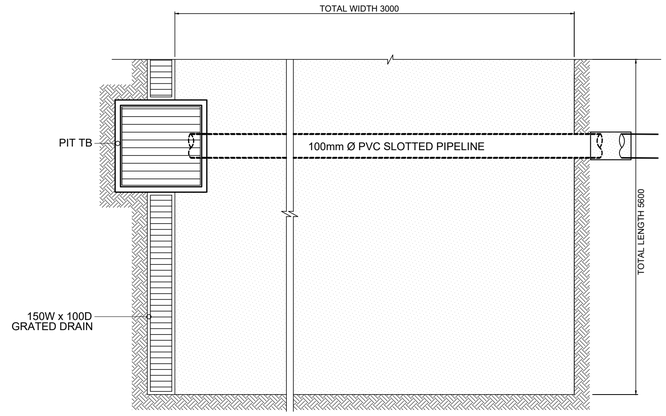


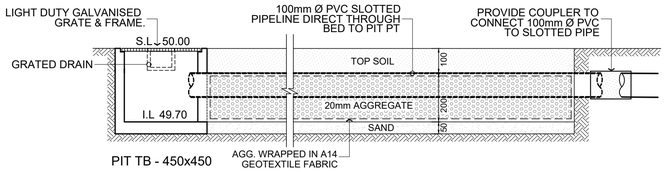
GUTTER SELECTED: LYSAGHT QUAD 115 HI FRONT NSW SLOTTED; AREA = 5225 SQ MM

ALL DOWNPIPES TO BE 90 Ø MIN

ROOF & FIRST FLOOR LAYOUTS

SCALE 1:200/A3

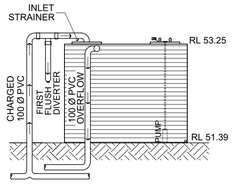




PIT TB - 450x450

TRANSPIRATION BED

3000x5600



EVOLUTION MkIII RAINWATER TANK CONFIGURATION BY KINGSPAN

SLIMLINE 4000lt (SKINNY) 800W x 2900L x 1860H

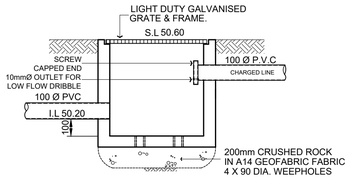
RAINWATER TANK AS SHOWN ON PLAN

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

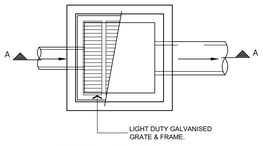
ALL DOWNPIPES ARE TO BE ENTIRELY PVC. PIPES ARE TO BE SEALED UPTO I/S OF ROOF GUTTERS

ROOF GUTTERS I.L. 55.16
TANK INLET I.L. 53.25
HEAD PRESSURE - 1910mm



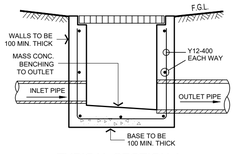
PIT CO1 - 350x350
CLEAN-OUT PIT
FOR CHARGED LINE SYSTEMS

NOTE, ALL PIT SIZES SHOWN ON PLAN REFLECT THE REQUIRED GRATE DIMENSION

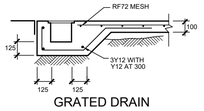


TYPICAL PIT DETAIL

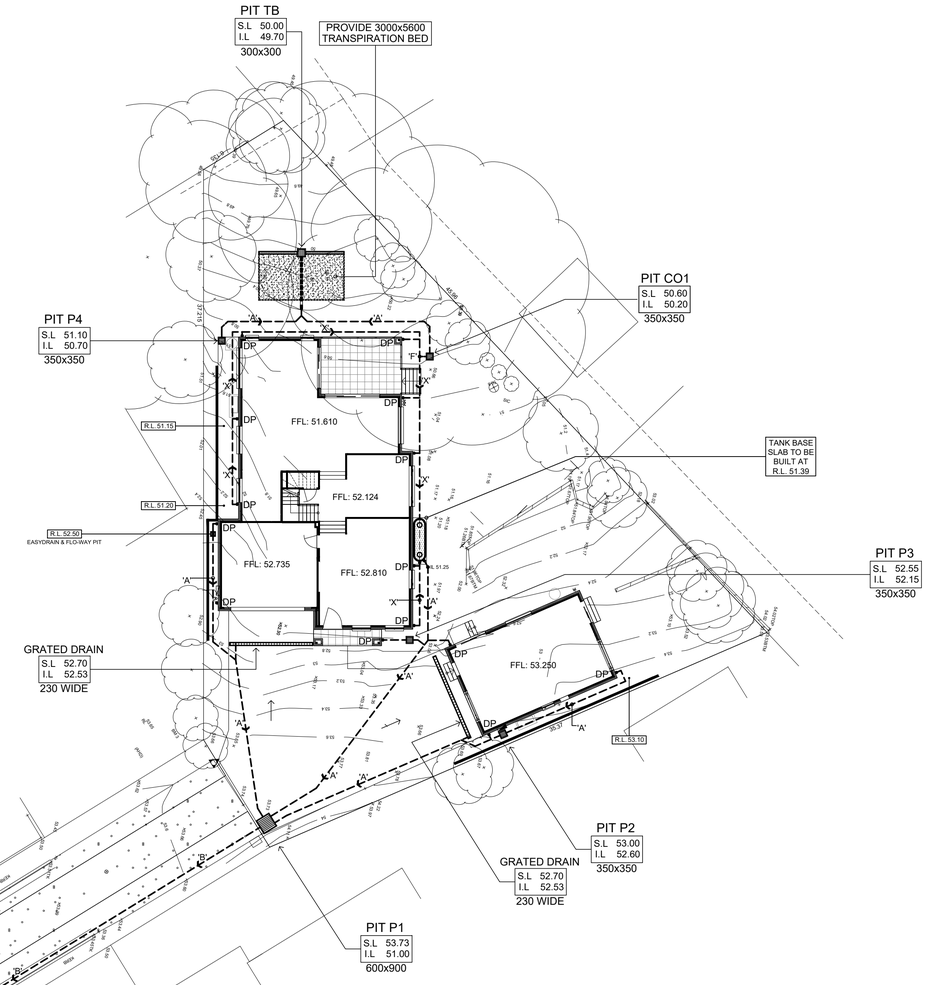
IN TRAFFICABLE AREAS	IN NON-TRAFFICABLE AREAS
BRICKWORK/BLOCKWORK WALLS OR PRECAST CONCRETE PITS MAY BE USED SUBJECT TO APPROVAL	FIBRE-GLASS OR HARD-PLASTIC PITS MAY BE USED SUBJECT TO APPROVAL

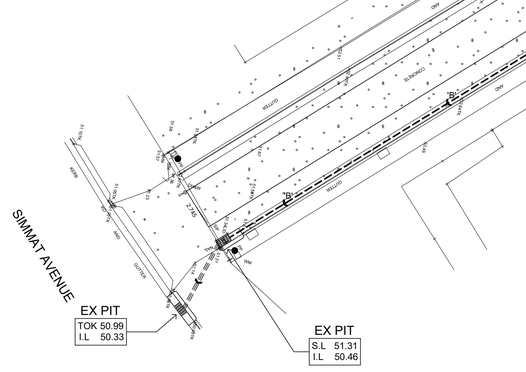


TYPICAL SECTION A



GRATED DRAIN





SITE STORMWATER MANAGEMENT LAYOUT

SCALE 1:200/A1

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

NOTE, ALL PIT & PIPELINE LOCATIONS SHOWN ON PLAN ARE INDICATIVE. BUILDER TO DETERMINE BEST POSITION FOR PLACEMENT WITHIN A 1m TOLERANCE OF WHAT IS SHOWN ON PLAN.
THROUGH PITS CAN ALSO BE ADJUSTED TO BE 'END OF LINE' WITH THE OUTLETS TO JUNCTION INTO THE MAIN GRAVITY LINE IF LEVELS PERMIT. TYPE & POSITION OF PITS TO BE TO THE DISCRETION OF THE BUILDER & PLUMBER DURING CONSTRUCTION. IF IN DOUBT CONTACT DESIGN ENGINEER.

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
	SUMP PIT - PIT SIZE REFERS TO GRATE DIMENSIONS	0.00	EXISTING REDUCED LEVEL
	300x300 FLOOR GULLY	RL 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

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JOB NUMBER: SW26239
DRAWING NUMBER: SW26239 - S1

PROJECT: PROPOSED RESIDENTIAL DWELLING AT LOT 3, # 30C SIMMAT AVENUE, CONDELL PARK 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

ISSUE	REVISION DESCRIPTION	APPR. DATE
A	ISSUED FOR DEVELOPMENT APPLICATION	06/07/26