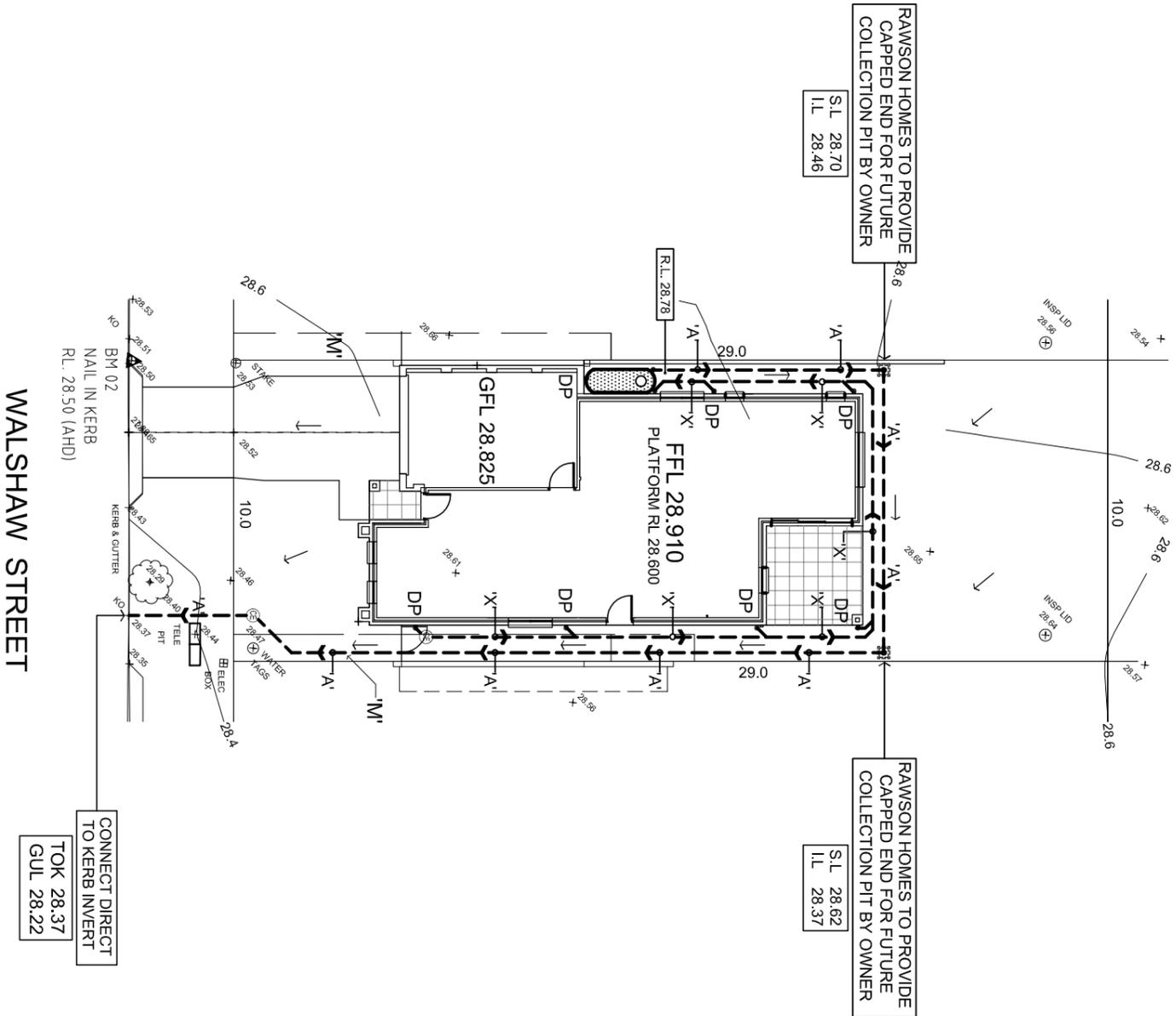


# SITE STORMWATER MANAGEMENT LAYOUT

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



M: EASEMENT FOR MAINTENANCE 0.9 WIDE

### STORMWATER LAYOUT NOTES

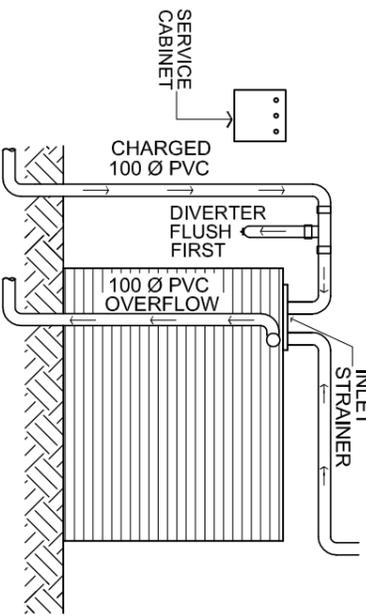
- 1) PITS DEEPER THAN 600mm TO BE 800 X 900 W/ ELSE 375 SQ UNO.
- 2) ALL PIPES TO HAVE 1% MIN. GRADE UNO.
- 3) ALL DOWNPIPES TO BE 100 X 50 BOX OR 90 Ø.
- 4) PIPES TO BE U.P. V.C. OR STORMWATER PIPE TO A.S.1254.
- 5) PITS TO BE STANDARD PRECAST CONCRETE PITS OR BRICK RENDERED WITH CONCRETE HEAVY DUTY 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.

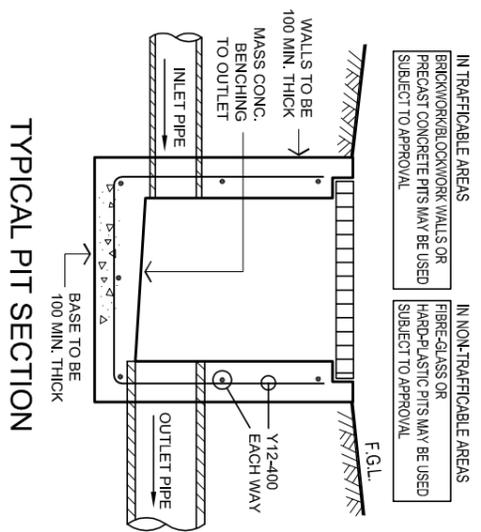
### LEGEND

P1	PIT LABEL	G.F.L.	GARAGE FLOOR LEVEL
	SUMP PIT	• 0.00	EXISTING REDUCED LEVEL
	300X300 FLOOR GULLY	• R.L. 157.00	PROPOSED REDUCED LEVEL
	100/150 Ø GARDEN GULLY		
	DRAINAGE PIPE		
	AERIAL PIPE		
	SURFACE LEVEL		
	INVERT LEVEL		
	FINISHED FLOOR LEVEL		
	DOWNPIPE		
	SPITTERSPREADER		
	CLEANING EYE		
	SEGMENT FENCE		
	AG LINE		
	OVERLAND FLOW		

### RAINWATER TANK CONFIGURATION



- ENSURE ALL CONNECTIONS WITHIN CHARGED SYSTEM ARE SOLVENT WELDED
- ALL DOWNPIPES ARE TO BE ENTIRELY PVC. PIPES ARE TO BE SEALED UPTO US OF ROOF GUTTERS
- ROOF GUTTERS I.L. 31.27 TANK INLET I.L. 30.57 HEAD PRESSURE - 700mm



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

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

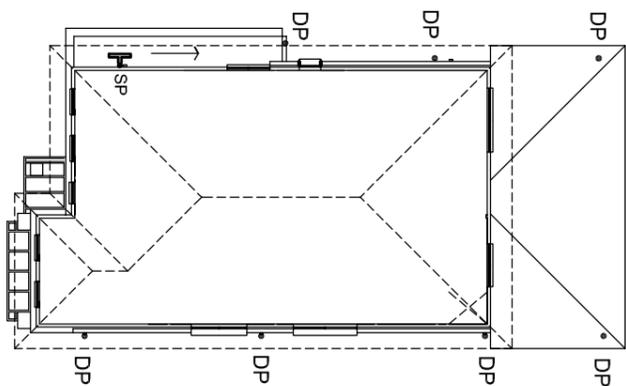
RAINWATER TANK AS SHOWN ON PLAN

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

### TYPICAL PIT SECTION

### ROOF & FIRST FLOOR LAYOUT

SCALE 1:200/A3



JOB NUMBER:  
SW14472  
DRAWING NUMBER:  
SW14472 - S1

CIVIL ENGINEERING CONSULTANTS

P: 02 8819 2565 F: 02 8819 2597 E: admin@alwdesign.com.au  
M: 0413 763 432 69A COWELLS LANE, ERMINGTON NSW 2115

PROJECT: PROPOSED RESIDENTIAL DWELLING AT LOT 2334 WALSHAW STREET, THORNTON NSW  
DRAWING: SITE STORMWATER MANAGEMENT LAYOUT

DESIGNED	DRAWN	CHECKED:
A.W	A.W	ANDREW L WAHBE - BE (CIVIL) MEAUST PENG
A		DRAWINGS NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY DESIGNING ENGINEER
ISSUE	REVISION DESCRIPTION	06/11/14 APPR. DATE