

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

SITE STORMWATER MANAGEMENT LAYOUT

STORMWATER LAYOUT NOTES

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.

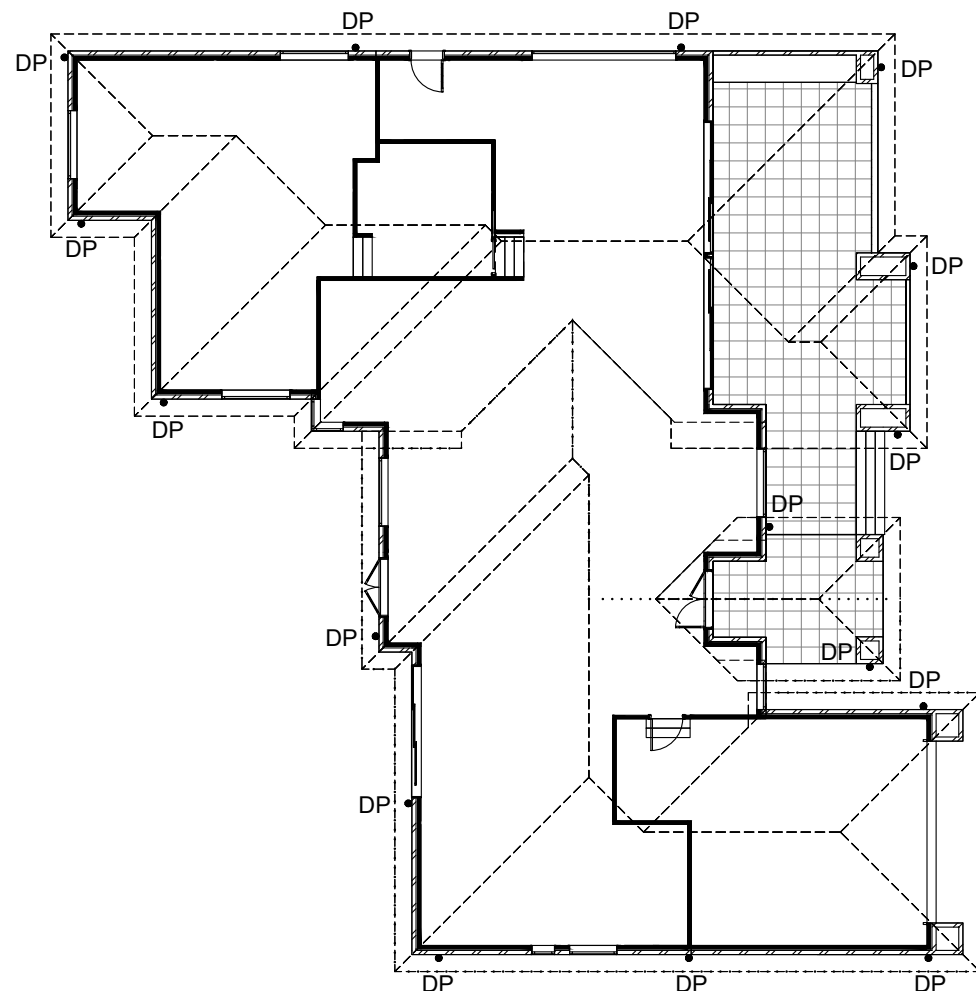
LEGEND

alw design
CIVIL ENGINEERING CONSULTANTS

JOB NUMBER:
SW23273

DRAWING NUMBER:
SW23273 - S1

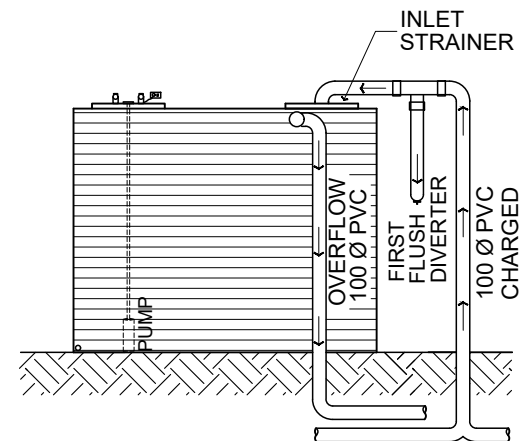
PROJECT:	PROPOSED RESIDENTIAL DWELLING AT LOT B, # 11B HILL STREET, WARRIEWOOD NSW		
DRAWING:	SITE STORMWATER MANAGEMENT LAYOUT		
DESIGNED A.W	DRAWN N.W	CHECKED: DRAWINGS NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY DESIGNING ENGINEER	ANDREW L WAHBE - BE (CIVIL) MIEAUST PENG
B	ISSUED FOR DEVELOPMENT APPLICATION		05/09/23
ISSUE	REVISION DESCRIPTION		APPR DATE



GUTTER SELECTED: LYSAGHT HALF ROUND 150 NSW UNSLOTTED; AREA = 7042 SQ.MM

ALL DOWNPIPES TO BE 90 Ø MIN

ROOF & GROUND FLOOR LAYOUT
SCALE 1:200/A3

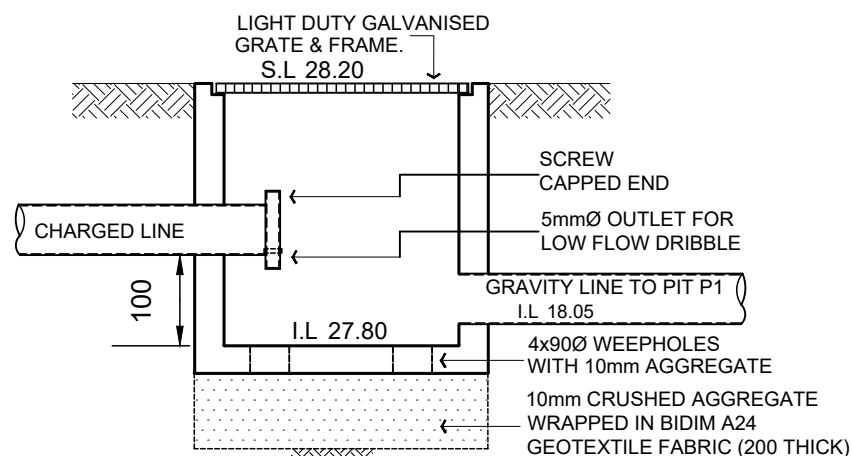


**EVOLUTION MkIII RAINWATER TANK
CONFIGURATION BY KINGSPAN**

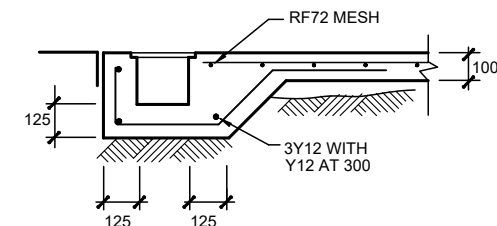
ENSURE ALL CONNECTIONS
WITHIN CHARGED SYSTEM
ARE SOLVENT WELDED

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

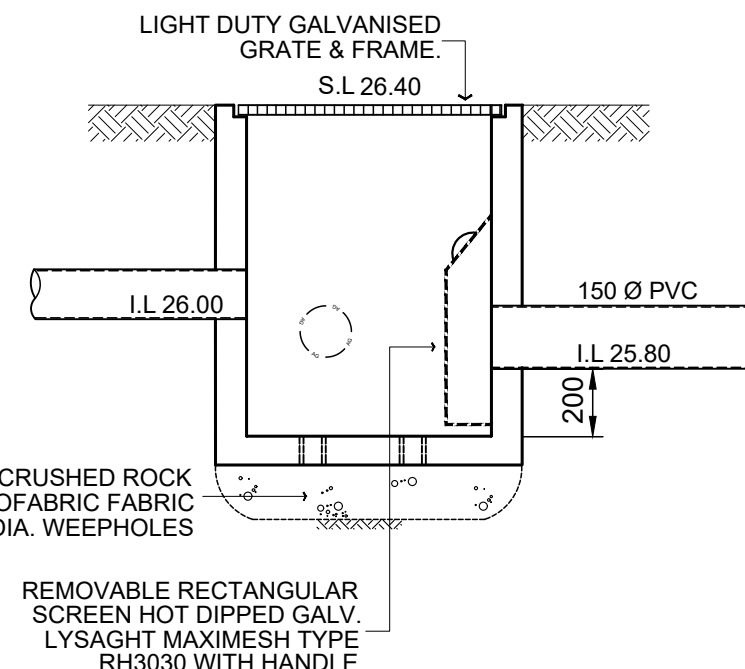
ROOF GUTTERS I.L. 31.82
TANK INLET I.L. 30.32
HEAD PRESSURE - 1500mm



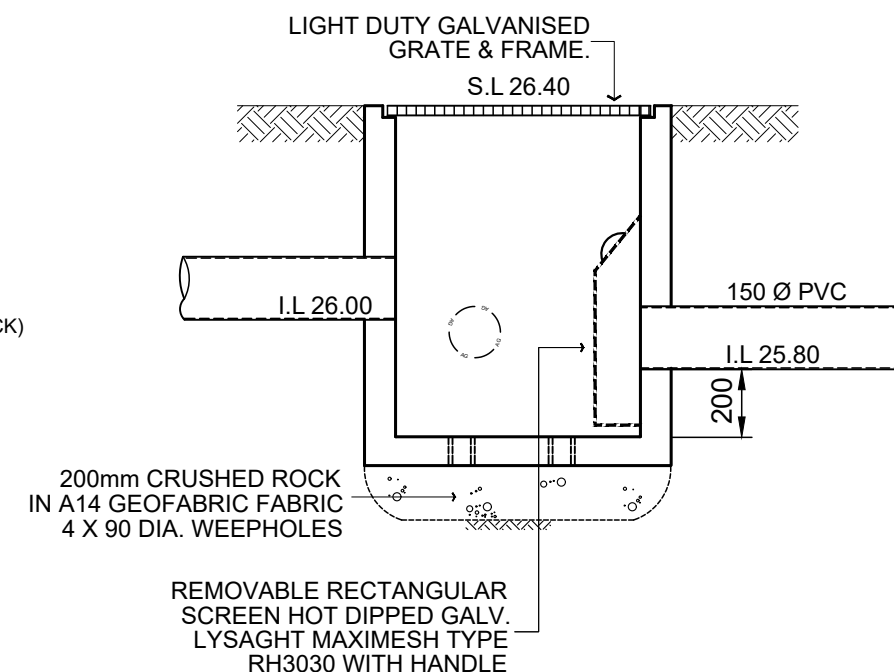
**PIT CO1 - 350x350
CLEAN-OUT PIT
FOR CHARGED LINE SYSTEMS**



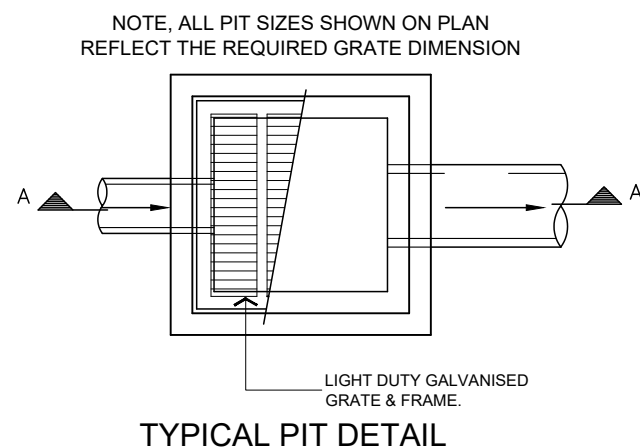
GRATED DRAIN



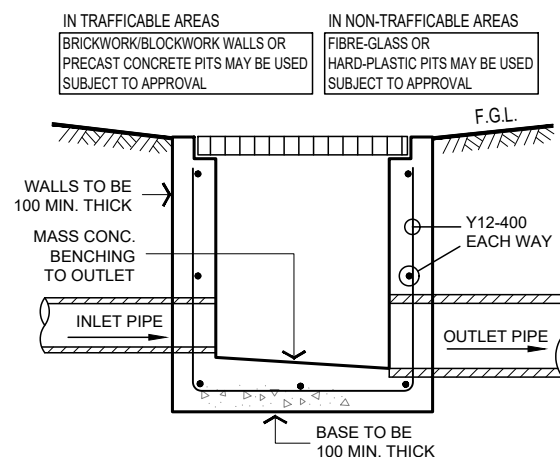
PIT P8 - 600x600



PIT P1 - 600x600



TYPICAL PIT DETAIL



TYPICAL SECTION A

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:
SW23273
DRAWING NUMBER:
SW23273 - S2

PROJECT: PROPOSED RESIDENTIAL DWELLING AT
LOT B, # 11B HILL STREET, WARRIEWOOD NSW
DRAWING: ROOF LAYOUT & GENERAL DETAILS
DESIGNED: A.W. DRAWN: N.W. CHECKED: ANDREW L WAHBE - BE (CIVIL) MIEAUST PENG
ISSUE: B. ISSUED FOR DEVELOPMENT APPLICATION 05/09/23
REVISION DESCRIPTION: APPR. DATE

