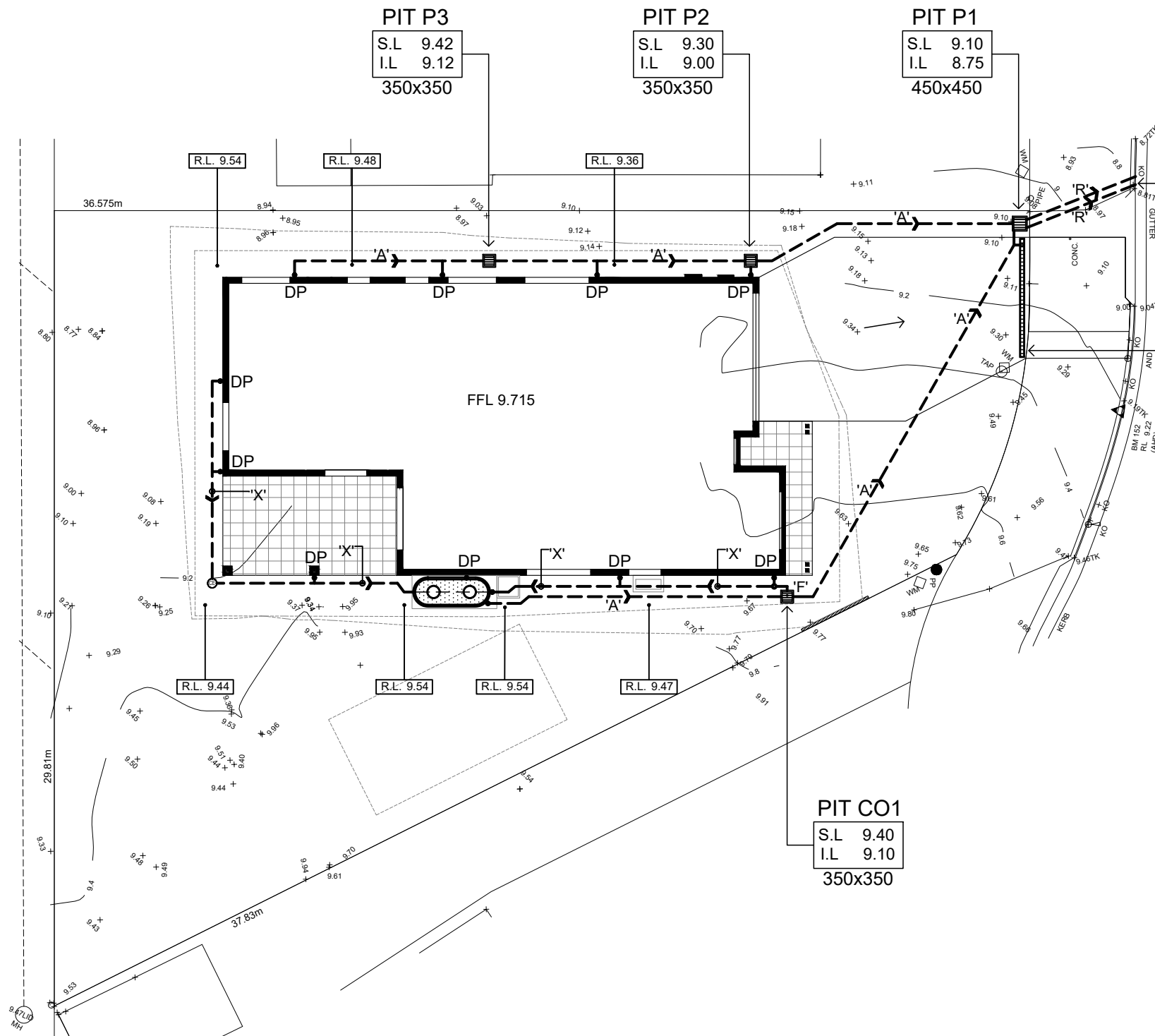




REFER TO COUNCIL STANDARD DRAWING S 107 FOR DETAILS OF STORMWATER OUTLET TO KERB

DUAL OUTLETS ARE REQUIRED FOR THIS PROPOSAL AS PER COUNCIL'S DEVELOPMENT ENGINEERING STANDARDS

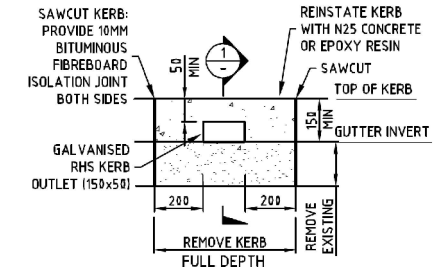
CONNECT DIRECT TO KERB INVERT

TOK 8.81
GUL 8.66

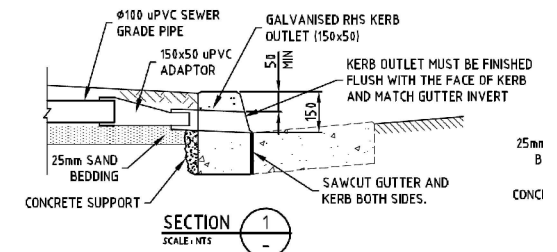
ENSURE 200mm SPACE IS PROVIDED BETWEEN KERB OUTLETS

125 WIDE x 100 DEEP GRATED DRAIN

MENIN PLACE



STORMWATER OUTLET CONNECTION TO 150 KERB
SCALE: NTS



EXCERPTS FROM COUNCIL STANDARD DRAWING S 107 FOR DETAILS OF STORMWATER OUTLET TO KERB

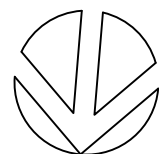
RAINWATER TANK AS SHOWN ON PLAN

PROVIDE A RAINWATER TANK 4990L 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. 12.12
TANK INLET I.L. 11.12
HEAD PRESSURE - 1000mm



SITE STORMWATER MANAGEMENT LAYOUT

SCALE 1:200/A3

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	• 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

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'	100 Ø	S.G P.V.C	1% MIN	SEWER GRADE DISCHARGE PIPE

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.

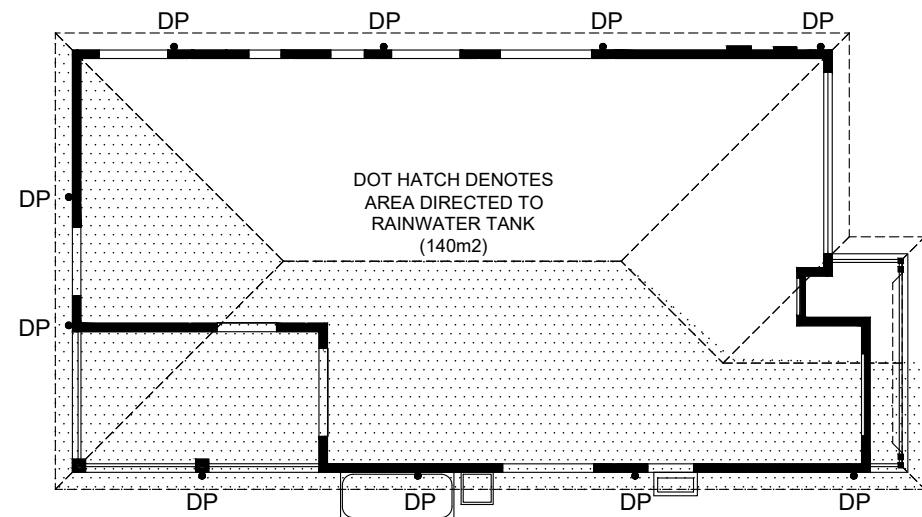
alwdesign
CIVIL ENGINEERING CONSULTANTS

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

JOB NUMBER:
SW26051
DRAWING NUMBER:
SW26051 - S1

PROJECT: PROPOSED RESIDENTIAL DWELLING AT LOT 152, # 8 MENIN PLACE, MILPERRA NSW
DRAWING: SITE STORMWATER MANAGEMENT LAYOUT

DESIGNED	DRAWN	CHECKED:	ANDREW L WAHBE - BE (CIVIL) MIEAUST PENG
A.W	N.W		
A	ISSUED FOR DEVELOPMENT APPLICATION		10/03/26
ISSUE	REVISION DESCRIPTION		APPR. DATE



GUTTER SELECTED: STRAMIT INFINITILINE QUAD GUTTER - SLOTTED;
AREA = 5200 SQ.MM

ALL DOWNPIPES TO BE 90 Ø MIN

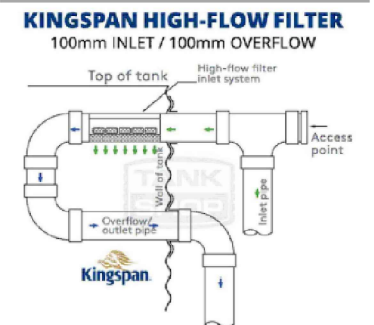
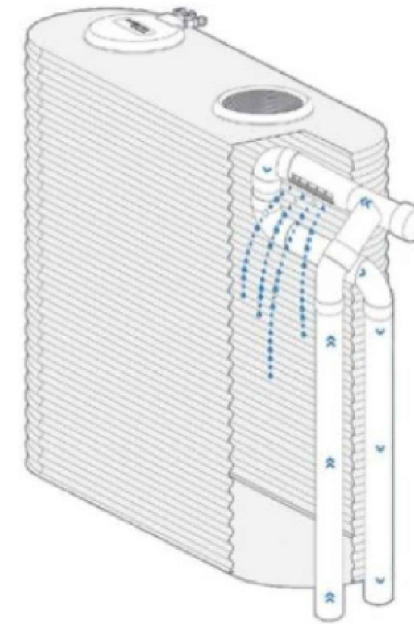
ROOF & GROUND FLOOR LAYOUT

SCALE 1:200/A3

ENSURE ALL CONNECTIONS WITHIN CHARGED SYSTEM ARE SOLVENT WELDED

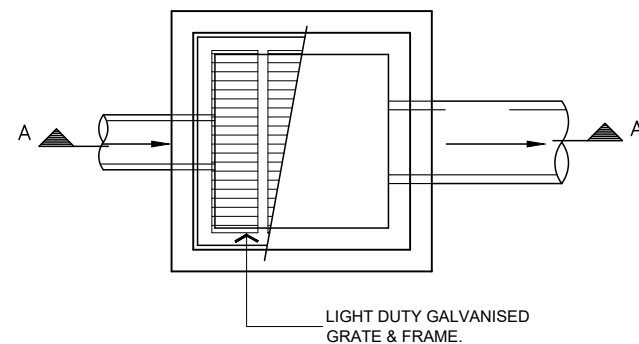
ALL DOWNPIPES ARE TO BE ENTIRELY PVC. PIPES ARE TO BE SEALED UP TO U/S OF ROOF GUTTERS

ROOF GUTTERS I.L. 12.12
TANK INLET I.L. 11.12
HEAD PRESSURE - 1000mm



RAINWATER TANK CONFIGURATION BY KINGSPAN

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



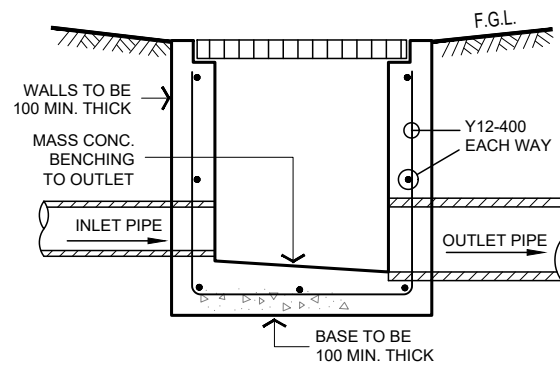
TYPICAL PIT DETAIL

IN TRAFFICABLE AREAS

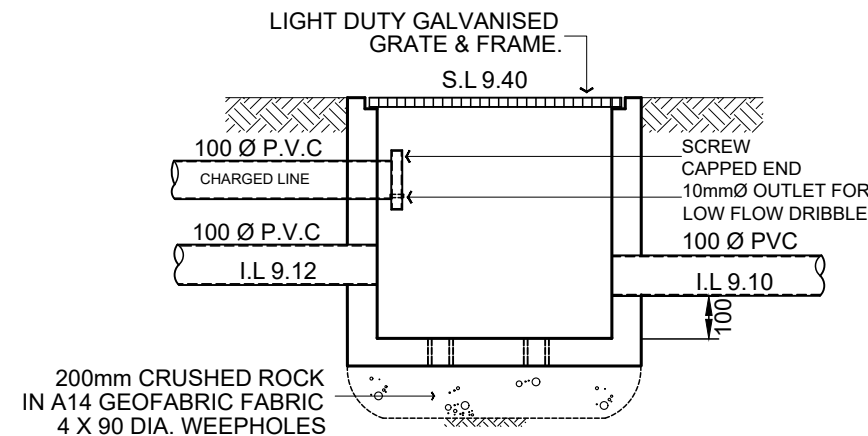
BRICKWORK/BLOCKWORK WALLS OR PRECAST CONCRETE PITS MAY BE USED
SUBJECT TO APPROVAL

IN NON-TRAFFICABLE AREAS

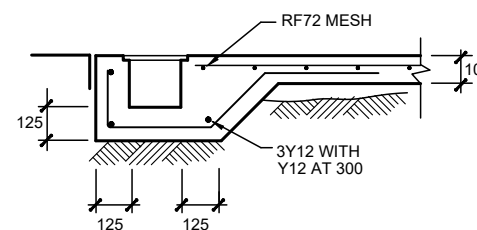
FIBRE-GLASS OR HARD-PLASTIC PITS MAY BE USED
SUBJECT TO APPROVAL



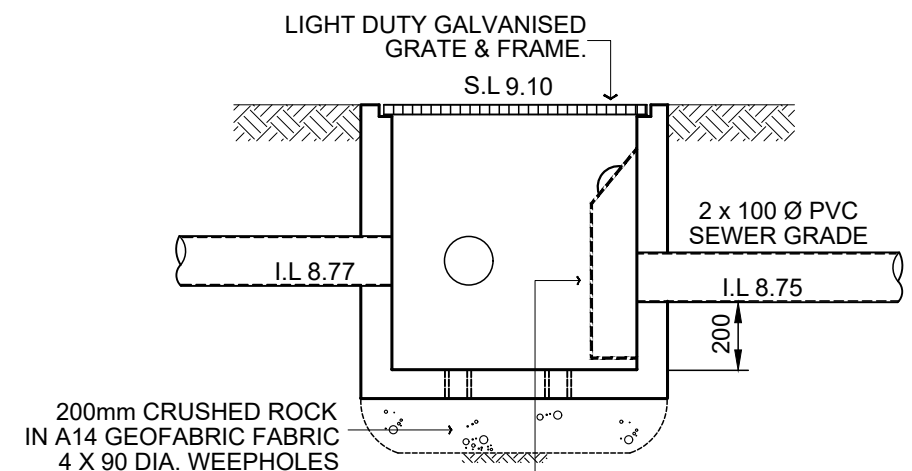
TYPICAL SECTION A



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



GRADED DRAIN



REMOVABLE RECTANGULAR SCREEN HOT DIPPED GALV. LYSAGHT MAXIMESH TYPE RH3030 WITH HANDLE

PIT P1 - 450x450

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CIVIL ENGINEERING CONSULTANTS

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M: 0413 763 432 69 DELANGE ROAD, PUTNEY NSW 2112

JOB NUMBER:
SW26051
DRAWING NUMBER:
SW26051 - S2

PROJECT: PROPOSED RESIDENTIAL DWELLING AT
LOT 152, # 8 MENIN PLACE, MILPERRA NSW
DRAWING: ROOF LAYOUT & GENERAL DETAILS

DESIGNED	DRAWN	CHECKED	APPROVED
A.W	N.W		ANDREW L WAHBE - BE (CIVIL) MIEAUST PENG
DRAWINGS NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY DESIGNING ENGINEER			
A	ISSUED FOR DEVELOPMENT APPLICATION		10/03/26
ISSUE	REVISION DESCRIPTION		APPR. DATE