

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 |

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

**ON SITE DETENTION NOT REQUIRED
AS ENTIRE SITE IS WITHIN THE 1% AEP
(100 YEAR ARI) FLOOD EXTENT**

PROVIDE A CLEANING EYE WITH A
SCREW CAP FOR FUTURE
MAINTENANCE OF CHARGED LINE

125 WIDE x 100 DEEP
GRATED DRAIN

PROVIDE A CLEANING EYE WITH A
SCREW CAP FOR FUTURE
MAINTENANCE OF CHARGED LINE

PIT P1
S.L. 19.65
I.L. 19.25
600x600

CONNECT TO TOP OF EXISTING
450mm Ø RC PIPELINE AT
O.L. 19.16 (PIPE I.L. 18.71).
WORKS TO BE IN ACCORDANCE
WITH COUNCILS SPECIFICATIONS

LEVELS SHOWN ARE APPROXIMATE
AS THEY HAVE BEEN INTERPOLATED.
BUILDER TO VERIFY LEVELS ON SITE
PRIOR TO CONSTRUCTION OF THE
INTERNAL STORMWATER SYSTEM

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. 22.95
TANK INLET I.L. 21.64
HEAD PRESSURE - 1310mm

RAINWATER TANK
AS SHOWN ON PLAN

PROVIDE A RAINWATER TANK
5034L IN CAPACITY TO SUIT
ALL BASIX REQUIREMENTS.
TANK TO BE CONNECTED AS
SPECIFIED IN BASIX REPORT.

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

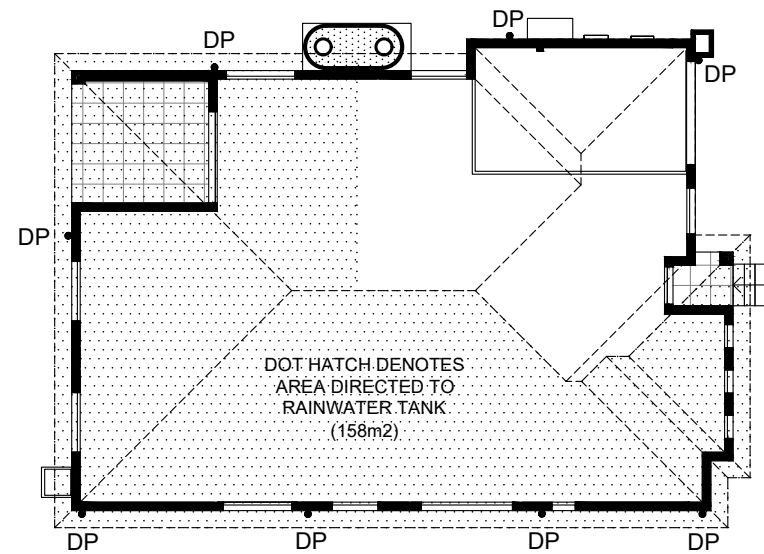
| | | | |
|--------|--|---------------|------------------------|
| P1 | PIT LABEL | G.F.L. | GARAGE FLOOR LEVEL |
| | SUMP PIT - PIT SIZE REFERS TO GRATE DIMENSIONS | • 0.00 | EXISTING REDUCED LEVEL |
| | 300x300 FLOOR GULLY | • R.L. 157.00 | PROPOSED REDUCED LEVEL |
| | 100/150 Ø GARDEN GULLY | ■ DP | DOWNPIPE |
| | DRAINAGE PIPE | ■ SP | SPITTER/SPREADER |
| | AERIAL PIPE | ○ CE | CLEANING EYE |
| S.L. | SURFACE LEVEL | — SF | SEDIMENT FENCE |
| I.L. | INVERT LEVEL | — AG | AG LINE |
| F.F.L. | FINISHED FLOOR LEVEL | → OF | OVERLAND FLOW |

alwdesign
CIVIL ENGINEERING CONSULTANTS

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JOB NUMBER:
SW25081
DRAWING NUMBER:
SW25081 - S1

| | | | |
|----------|--|--|--|
| PROJECT: | PROPOSED RESIDENTIAL DWELLING AT LOT 8, # 13 MUNRO STREET, SEFTON 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 | |
| A | ISSUED FOR DEVELOPMENT APPLICATION | | 05/03/25 |
| ISSUE | REVISION DESCRIPTION | | APPR. DATE |



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

ALL DOWNPIPES TO BE 90 Ø MIN

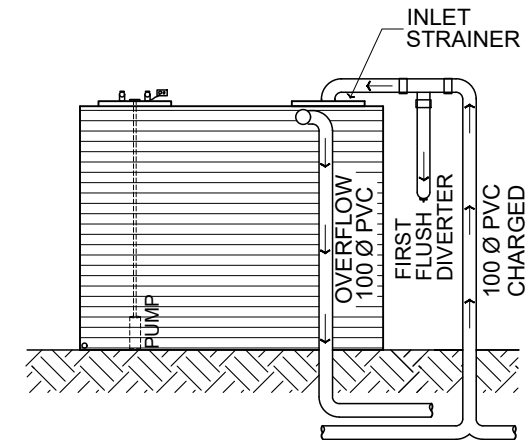
ROOF & GROUND FLOOR LAYOUT

SCALE 1:200/A3

ENSURE ALL CONNECTIONS
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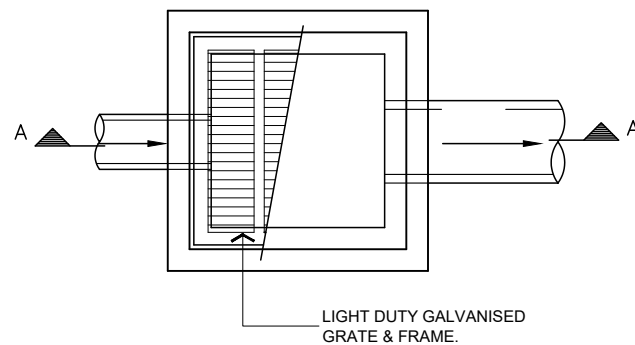
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ROOF GUTTERS

ROOF GUTTERS I.L. 22.95
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EVOLUTION MkIII RAINWATER TANK CONFIGURATION BY KINGSPAN

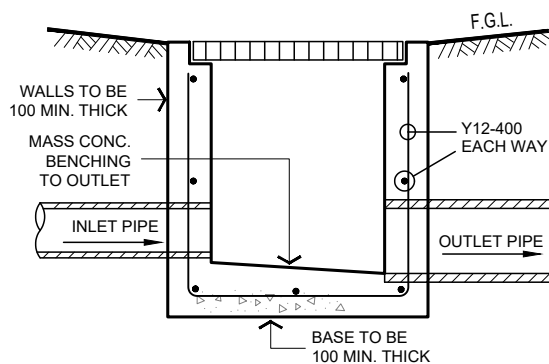
NOTE, ALL PIT SIZES SHOWN ON PLAN
REFLECT THE REQUIRED GRATE DIMENSION



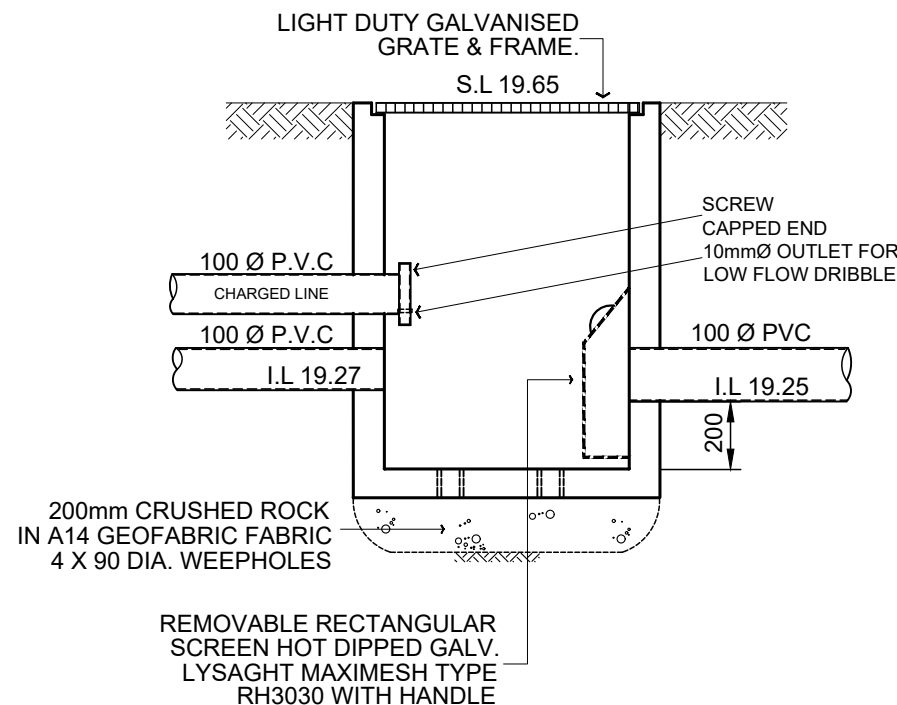
TYPICAL PIT DETAIL

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

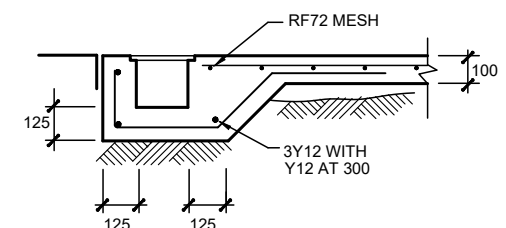
IN NON-TRAFFICABLE AREAS
FIBRE-GLASS OR
HARD-PLASTIC PITS MAY BE USED
SUBJECT TO APPROVAL



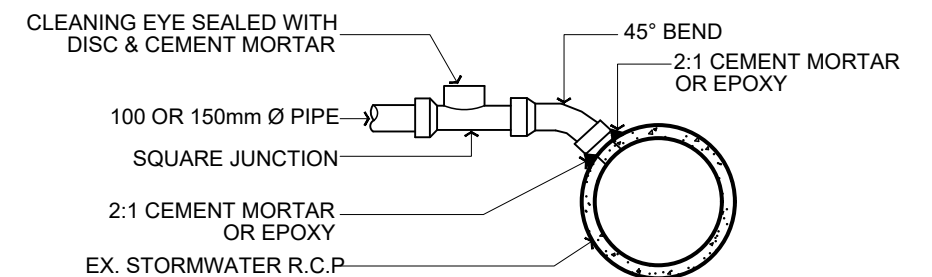
TYPICAL SECTION A



PIT P1 - 600x600



GRATED DRAIN



CONNECTION TO COUNCIL PIPE

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DRAWING NUMBER:
SW25081 - S2

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LOT 8, # 13 MUNRO STREET, SEFTON NSW
DRAWING: ROOF LAYOUT & GENERAL DETAILS

| DESIGNED | DRAWN | CHECKED: | ANDREW L WAHBE - BE (CIVIL) MIEAUST PENG |
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