

### 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'	150x100	GALV RHS	1% MIN	DISCHARGE PIPE TO KERB

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

PIT P2

DRAINAGE REQUIREMENT TO	NBC POLICY
SITE AREA MINIMUM STORAGE MAXIMUM DISCHARGE REQUIRED STORAGE PERMITTED DISCHARGE	= 243 m2 = 368 m3/ha = 138 l/s/ha = 8.94 m3 = 3.35 l/s
RAINWATER TANK ON SITE DETENTION STORAGE PROVIDED STORAGE PROPOSED ORIFICE CONTROLLED DISCHARGE	= 1.066 m3 = 9.00 m3 = 10.066 m3 = 36mm Ø = 3.35 l/s

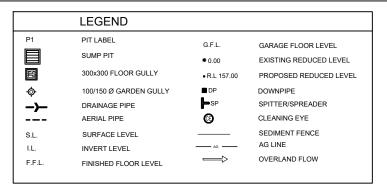
#### STORMWATER LAYOUT NOTES

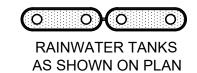
- 1) PITS DEEPER THAN 600mm TO BE 600 X 900 W, ELSE 375 SQ U N Q
- 2) ALL PIPES TO HAVE 1% MIN. GRADE U.N.O.

AS PITS PER PLAN.

- 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
- 6) NO SEWER VENTS, GULLY PITS OR SIMILAR TO BE LOCATED BELOW THE MAXIMUM WATER SURFACE LEVEL IN DETENTION
- 7) PERSONS UTILISING THIS PLAN FOR ANY PURPOSES SHALL VERIEV 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.





5033L TANK DIMENSIONS (1860MM H X 3200MM L X 900MM W)

PROVIDE 2x5033L RAINWATER TANKS CONNECTED IN ACCORDANCE WITH THE BASIX REQUIREMENTS.

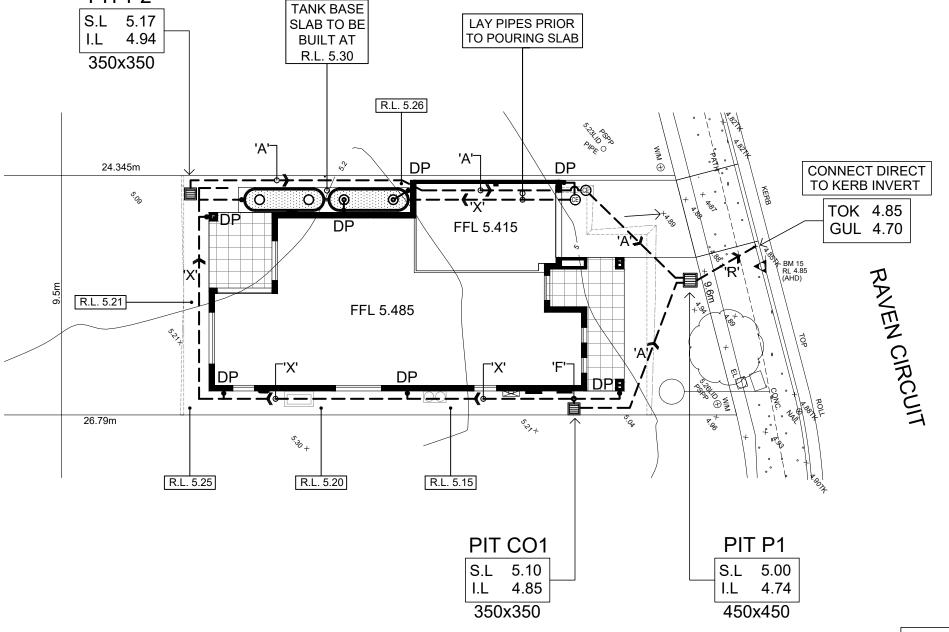
1.066L DEDICATED TO BASIX RE-USE: 9,000L DEDICATED TO OSD STORAGE

DETAILS SHOWN ON SW25347 - S2. PROVIDE OVERFLOW TO PIT P1.

> 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** 

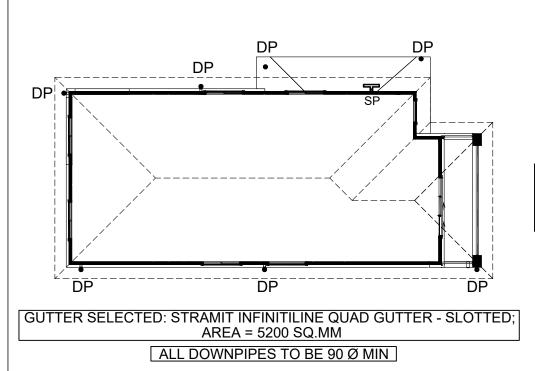
**ROOF GUTTERS I.L. 8.07** TANK INLET I.L. 7.16 HEAD PRESSURE - 910mm





ROJECT: PROPOSED RESIDENTIAL DWELLING AT LOT 15, # 15 RAVEN CIRCUIT, WARRIEWOOD NSW RAWING: SITE STORMWATER MANAGEMENT LAYOUT

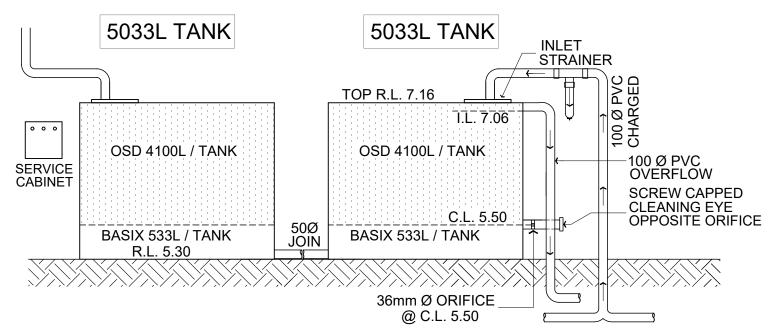
DESIGNED DRAWN CHECKED A.W N.W ISSUED FOR DA 18/09/25



**ENSURE ALL CONNECTIONS** WITHIN CHARGED SYSTEM ARE SOLVENT WELDED

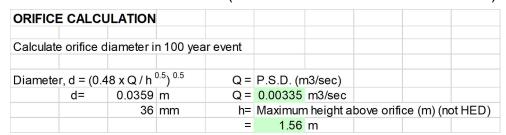
ALL DOWNPIPES ARE TO BE ENTIRELY PVC. PIPES ARE TO BE SEALED UPTO U/S OF **ROOF GUTTERS** 

**ROOF GUTTERS I.L. 8.07** TANK INLET I.L. 7.16 HEAD PRESSURE - 910mm



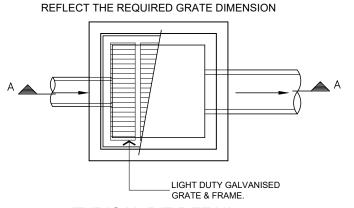
## OSD / RAINWATER TANK CONFIGURATION

5033L TANK DIMENSIONS (1860MM H X 3200MM L X 900MM W)



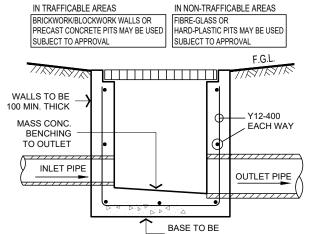
# **ROOF & FIRST FLOOR LAYOUT**

SCALE 1:150/A3

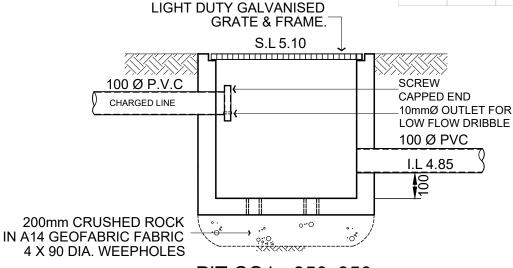


NOTE, ALL PIT SIZES SHOWN ON PLAN

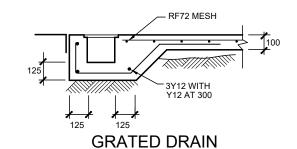
## TYPICAL PIT DETAIL

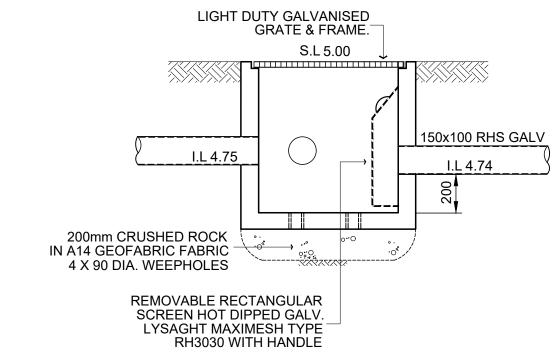


TYPICAL SECTION A



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





PIT P1 - 450x450



ROJECT: PROPOSED RESIDENTIAL DWELLING AT LOT 15, # 15 RAVEN CIRCUIT, WARRIEWOOD NSW DRAWING: ROOF LAYOUT & GENERAL DETAILS

DESIGNED DRAWN CHECKED A.W N.W ISSUED FOR DA 18/09/25