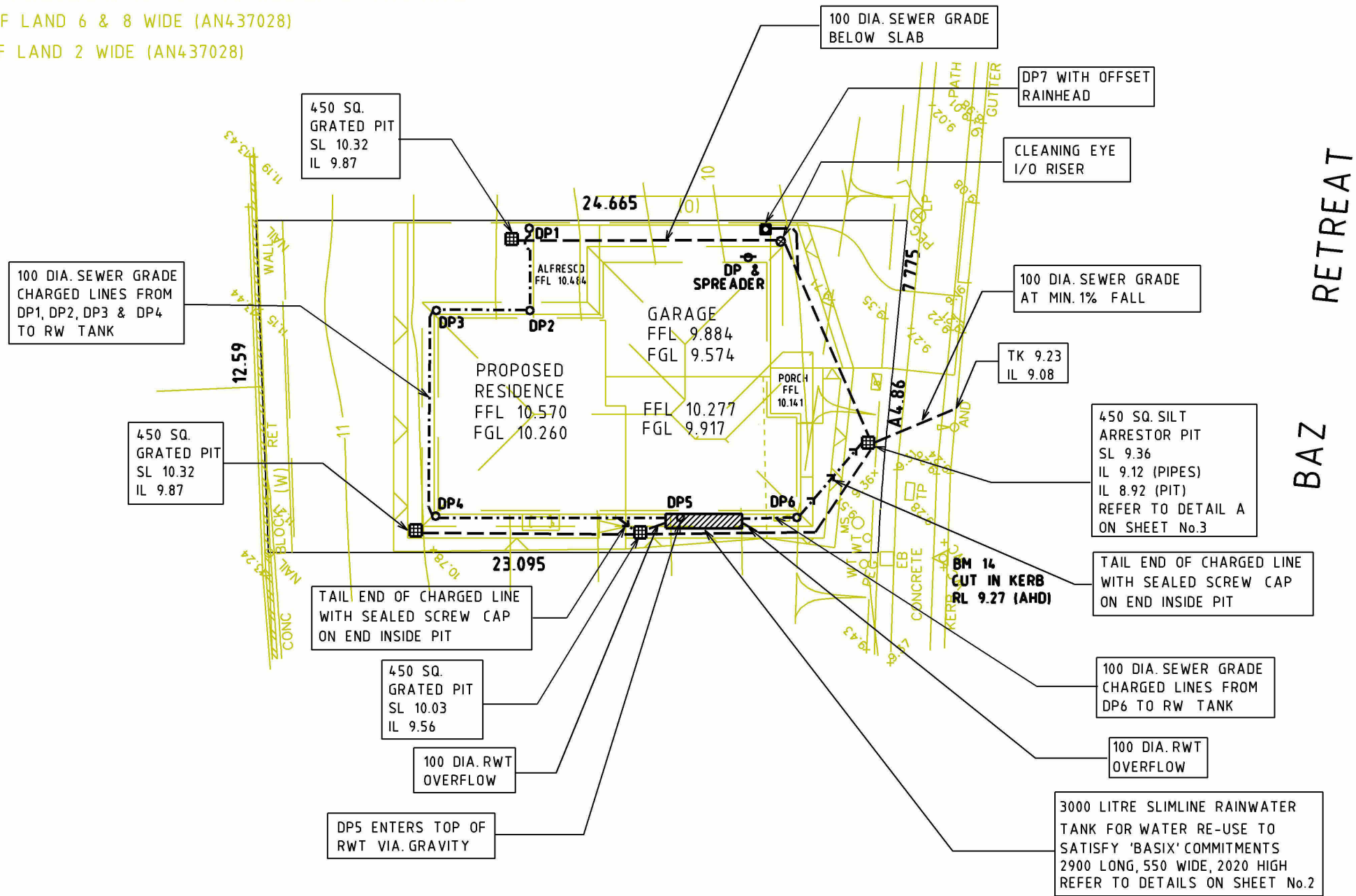


(O): EASEMENT FOR ACCESS, CONSTRUCTION & MAINTENANCE 0.9 WIDE
(W): EASEMENT FOR ACCESS, MAINTENANCE & SUPPORT 0.9 WIDE (VIDE D.P.1206507)
(A): RESTRICTION ON THE USE OF LAND 6 & 8 WIDE (AN437028)
(B): RESTRICTION ON THE USE OF LAND 2 WIDE (AN437028)

LOT 13
300m2



NOTES :

1. ALL DOWNPIPES THAT ARE CHARGED (EXCEPT DP7) TO TANK AND ARE TO BE 100 DIA. SEWER GRADE FOR FULL LENGTH, ALL PIPES INGROUND 100 DIA.
2. ALL CHARGED LINES TO BE 100 SEWER GRADE TO ENSURE INTEGRITY OF CHARGE AND SOLVENT WELDED.
3. GUTTER PROTECTION SYSTEM ARE TO BE HIGHLY RECOMMENDED INSTALLED TO MINIMISE LEAVES & DEBRIS ENTERING THE SYSTEM.(BY OWNER)

DRAINAGE CONCEPT PLAN

SCALE 1:200

--- GRAVITY LINES
- - - 100 DIA. CHARGED LINE TO RW TANK

STORMWATER NOTES

1. CONTOUR PLAN SUPPLIED BY OTHERS
2. ALL STORMWATER PIPES ARE TO BE 100mm DIA. UPVC UNLESS NOTED OTHERWISE.
3. DEPTH & LOCATION OF SERVICES TO BE CONFIRMED BY BUILDER PRIOR TO COMMENCEMENT OF ANY DRAINAGE WORKS TO ENSURE NO CONFLICT ARISES.
4. THESE PLANS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL PLANS.
5. FINAL DRAINAGE LINE OUTLET LEVEL & DATUM TO BE EXPOSED & CONFIRMED BY BUILDER PRIOR TO COMMENCEMENT OF WORKS. ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES.
6. SYDNEY WATER TO BE ADVISED & CONSULTED WITH ANY CONSTRUCTION OVER/NEAR SEWER MAIN LINES FOR APPROPRIATE DESIGN REQUIREMENTS.

LEGEND

- DP DOWNPIPE
- ⊕ DOWNPIPE SPREADER
- ⊙ 100 DIA FLOOR WASTE (FW)
- ▬ 225x100 GRATED BOX DRAIN
- INV INVERT LEVEL (PIPE / PIT)
- 0.00 PROPOSED SURFACE LEVEL
- +0.00 EXISTING REDUCED LEVEL
- S.L. SURFACE LEVEL
- I.L. INVERT LEVEL
- F.F.L. FINISHED FLOOR LEVEL
- x- SEDIMENT CONTROL BARRIER
- s- SEWER
- ⊗ CLEANING EYE (CE)

DESIGNED & CHECKED
BY

Oliver Daher
OLIVER DAHER
B.E. CIVIL
M.I.E. AUST.

REV	DESCRIPTION	DESN	CHKD	DATE
A	ISSUED FOR DA			15.04.21

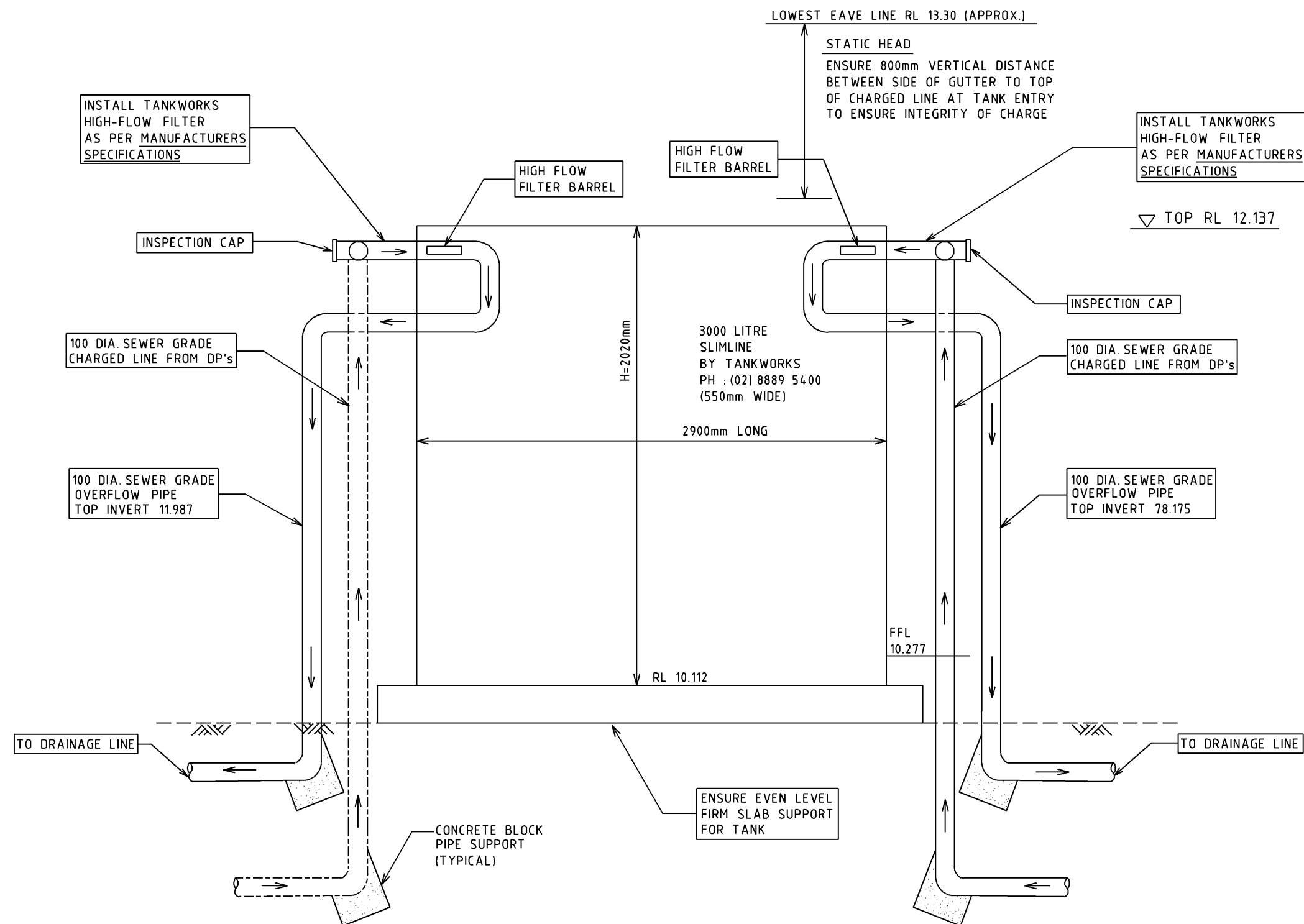
J & F DESIGNS
CONSULTING HYDRAULIC, STRUCTURAL
AND CIVIL ENGINEERS
P.O. BOX 383, OATLANDS, NSW
PHONE/FAX 9613 4441
MOBILE 0414 882 388
engplan@optusnet.com.au

CLIENT
HOTONDO HOMES

TITLE
LOT 13 (H/No.12) BAZ RETREAT,
WARRIEWOOD

PROJECT
PROPOSED NEW RESIDENCE

SCALE	ORIGINAL SIZE	DATE
1:200	A3	15.04.21
DRAWN	DESIGNED	INT
BJC	OD	OD
DRAWING NUMBER	REVISION	
5324-1 (1 of 3)	A	



TYPICAL RAINWATER TANK DETAIL

NOT TO SCALE

RAINWATER TANK NOTES

1. INSTALL LEAF STRAINERS, SCREENS, STOP VALVES
CHECK VALVE, PUMPS, FLOW RESTRICTORS TO
AUSTRALIAN STANDARDS MANUFACTURERS DETAIL
AND TO SYDNEY WATER REQUIREMENTS.
2. ALL PLUMBING & ELECTRICAL TO BE COMPLETED IN
ACCORDANCE WITH THE RELEVANT AUSTRALIAN STANDARDS.

DESIGNED & CHECKED
BY

Oliver Daher
OLIVER DAHER

B.E. CIVIL
M.I.E. AUST.

REV	DESCRIPTION	DESIGN	CHKD	DATE
A	ISSUED FOR DA			15.04.21

J & F DESIGNS

CONSULTING HYDRAULIC, STRUCTURAL
AND CIVIL ENGINEERS
P.O. BOX 383, OATLANDS, NSW
PHONE/FAX 9613 4441
MOBILE 0414 882 388
engplan@optusnet.com.au

CLIENT

HOTONDO HOMES

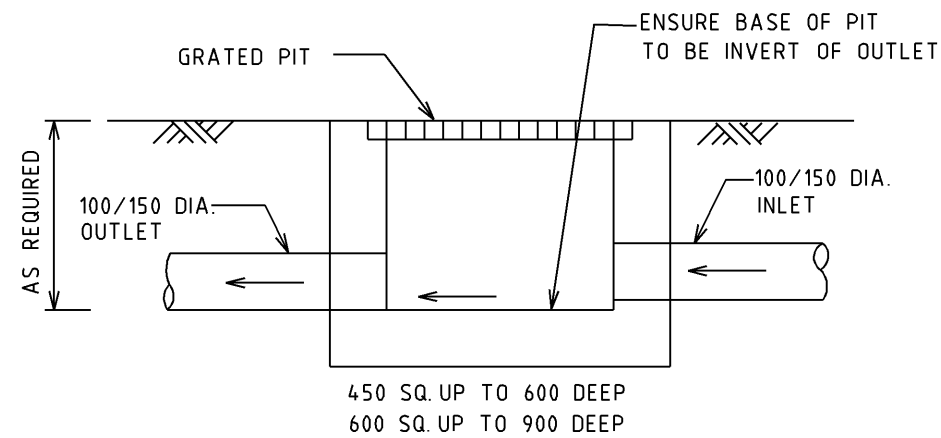
TITLE

LOT 13 (H/No.12) BAZ RETREAT,
WARRIEWOOD

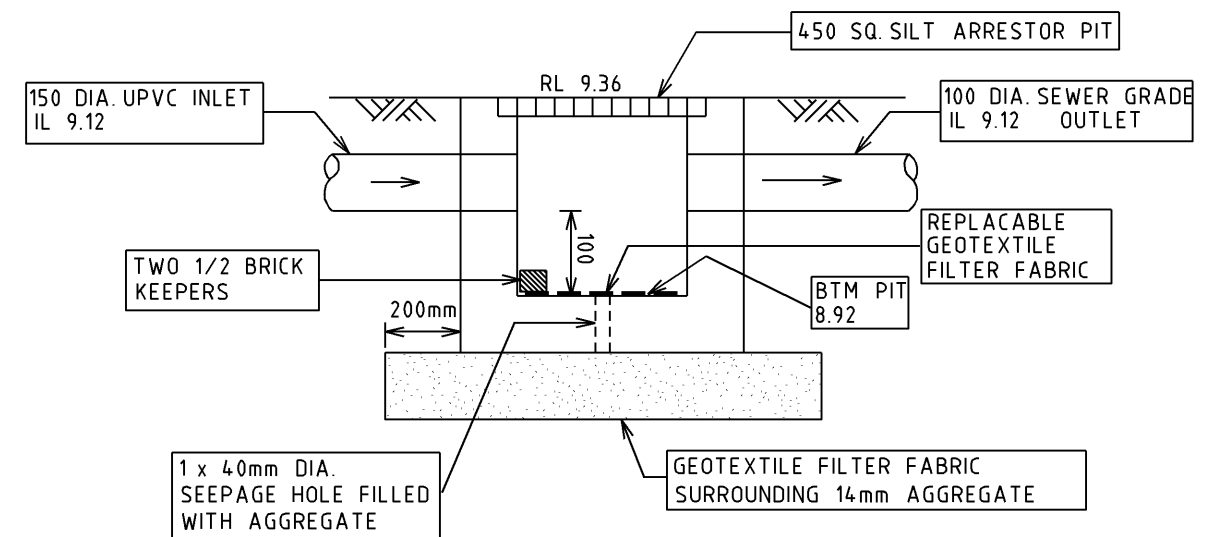
PROJECT

PROPOSED NEW RESIDENCE

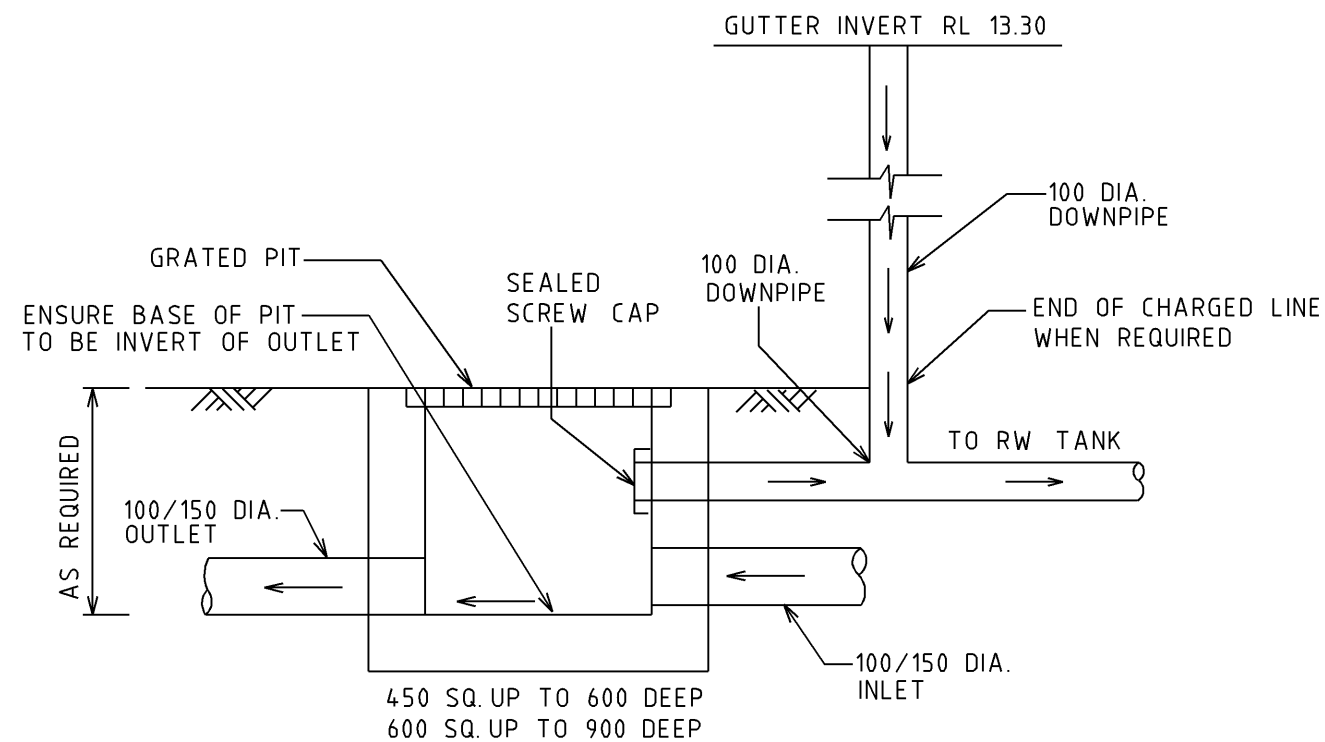
SCALE 1:200		ORIGINAL SIZE A3		DATE 15.04.21	
DRAWN BJC		DESIGNED OD	INIT	CHECKED OD	INT
DRAWING NUMBER 5324-2					REVISION A



TYPICAL PIT DETAIL
SCALE 1:20



SILT ARRESTOR PIT DETAIL A
SCALE 1:20



TYPICAL PIT DETAIL
(WITH TAIL END OF CHARGED LINE SHOWN)
SCALE 1:20

DESIGNED & CHECKED
BY

Oliver Daher

OLIVER DAHER
B.E. CIVIL
M.I.E. AUST.

REV	DESCRIPTION	DESN	CHKD	DATE
A	ISSUED FOR DA			15.04.21

J & F DESIGNS
CONSULTING HYDRAULIC, STRUCTURAL
AND CIVIL ENGINEERS
P.O. BOX 383, OATLANDS, NSW
PHONE/FAX 9613 4441
MOBILE 0414 882 388
engplan@optusnet.com.au

CLIENT
HOTONDO HOMES

TITLE
LOT 13 (H/No.12) BAZ RETREAT,
WARRIWOOD

PROJECT
PROPOSED NEW RESIDENCE

SCALE 1:200		ORIGINAL SIZE A3		DATE 15.04.21	
DRAWN BJC		DESIGNED OD	INIT	CHECKED OD	INT
DRAWING NUMBER 5324-3					REVISION A