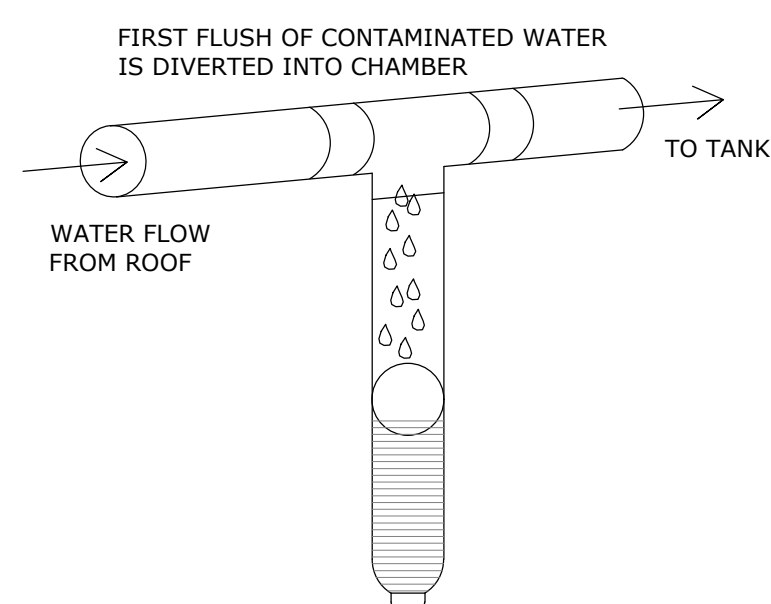
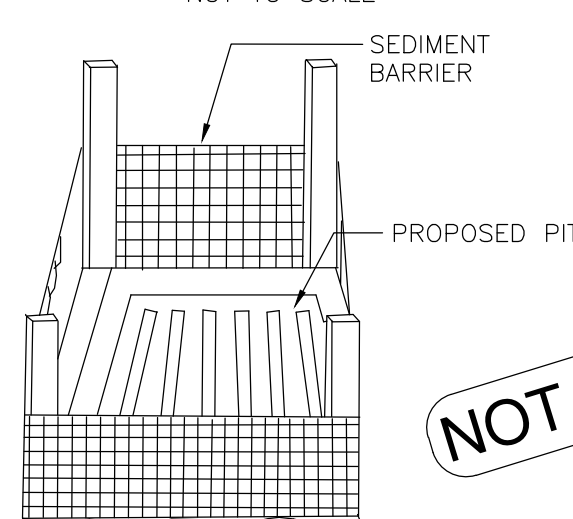


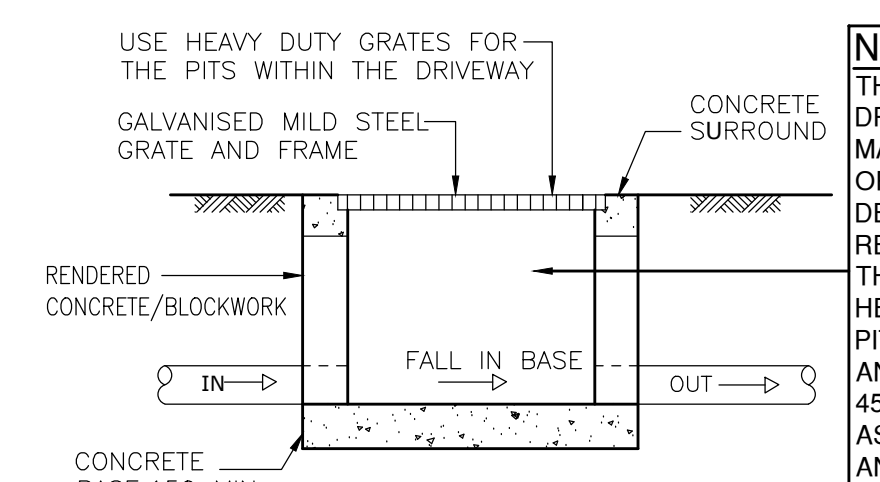
SILT FENCE DETAIL (TO BE WITHIN THE PROPERTY
BOUNDARY -DURING CONSTRUCTION ONLY)
NOT TO SCALE



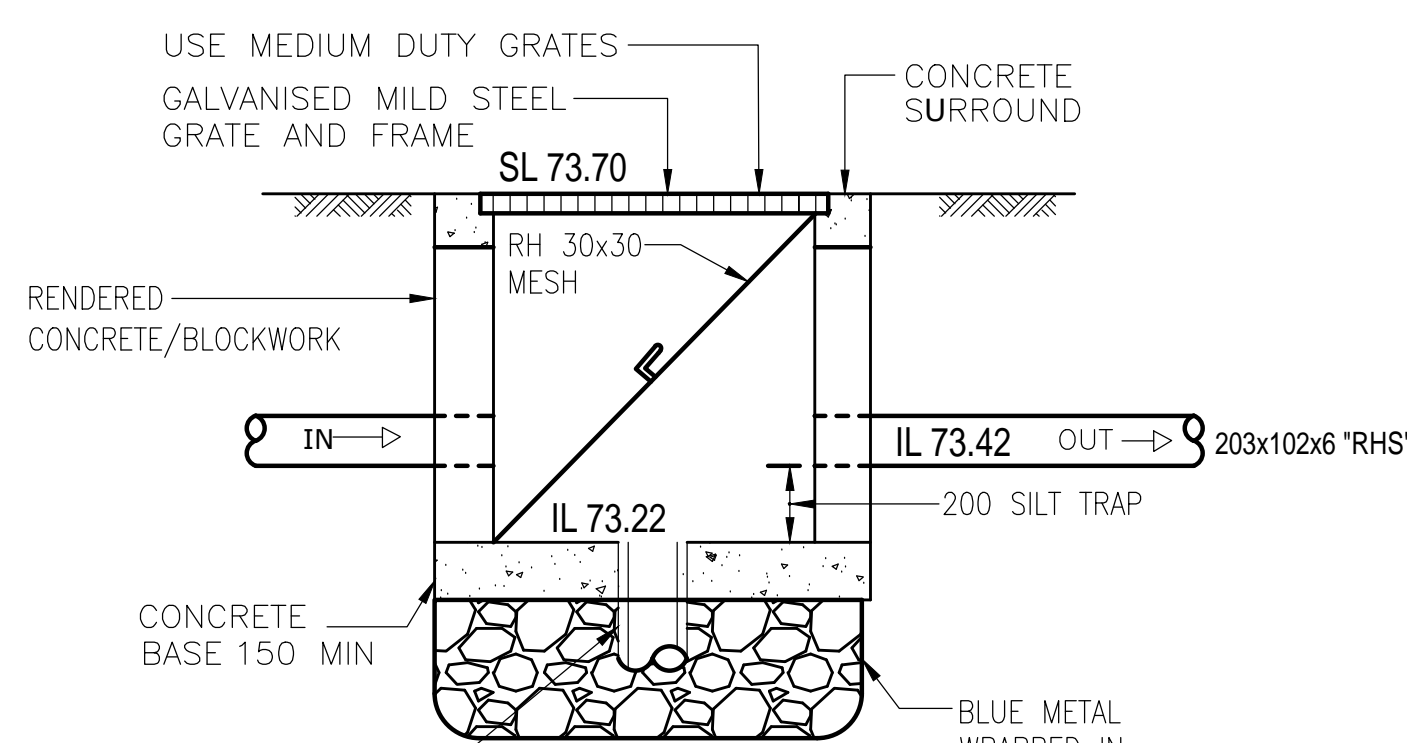
FIRST FLUSH WATER DIVERter DETAIL
NOT TO SCALE



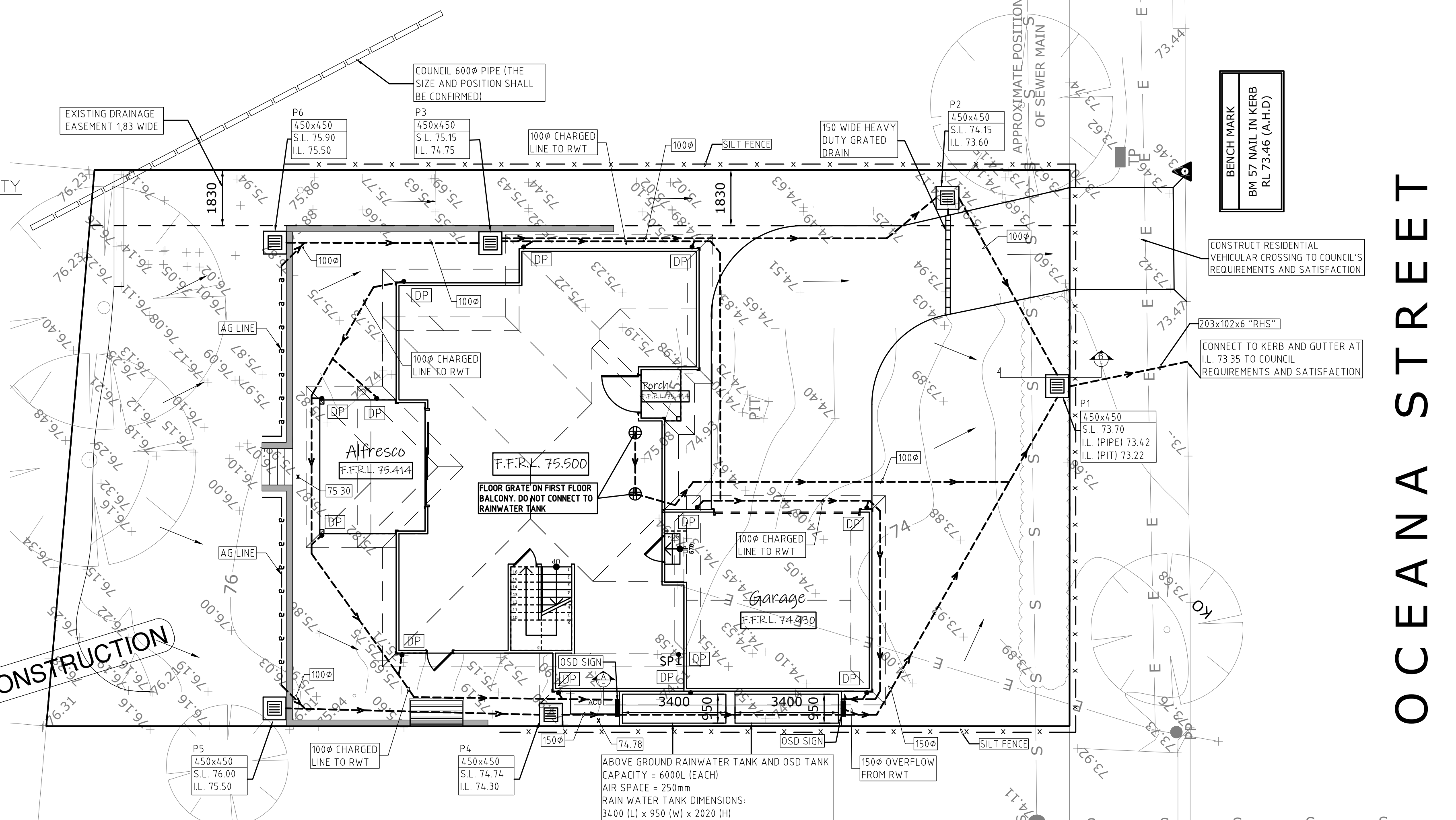
SEDIMENT BARRIER AROUND
STORMWATER PIT (DURING
CONSTRUCTION)



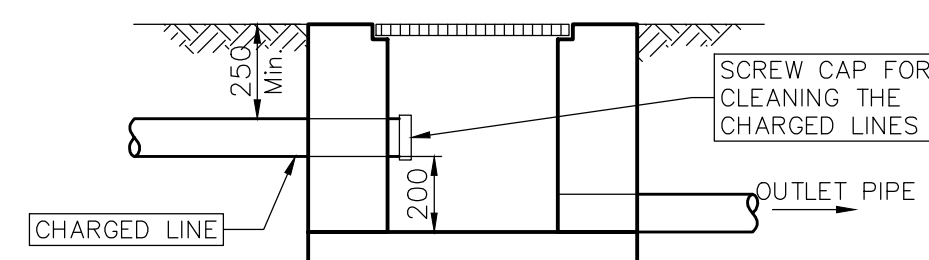
STANDARD PIT DETAIL
(PROVIDE STEP IRONS @ 300
CENTRES FOR PITS WHERE THE
DEPTH EXCEEDS 900mm)



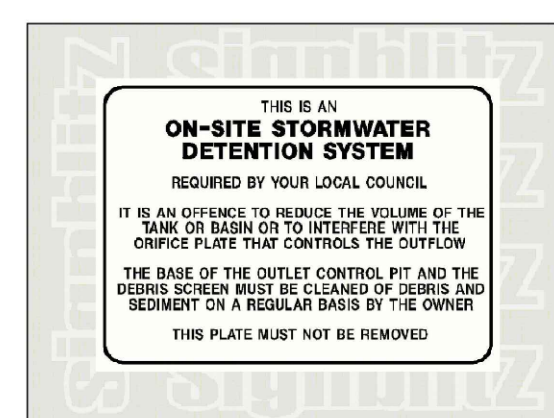
PIT-1 SECTION B
NOT TO SCALE



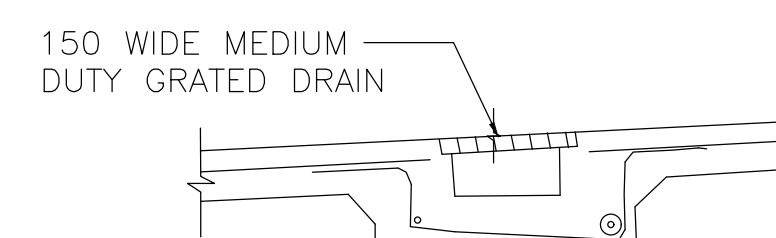
STORMWATER DRAINAGE GROUND FLOOR PLAN



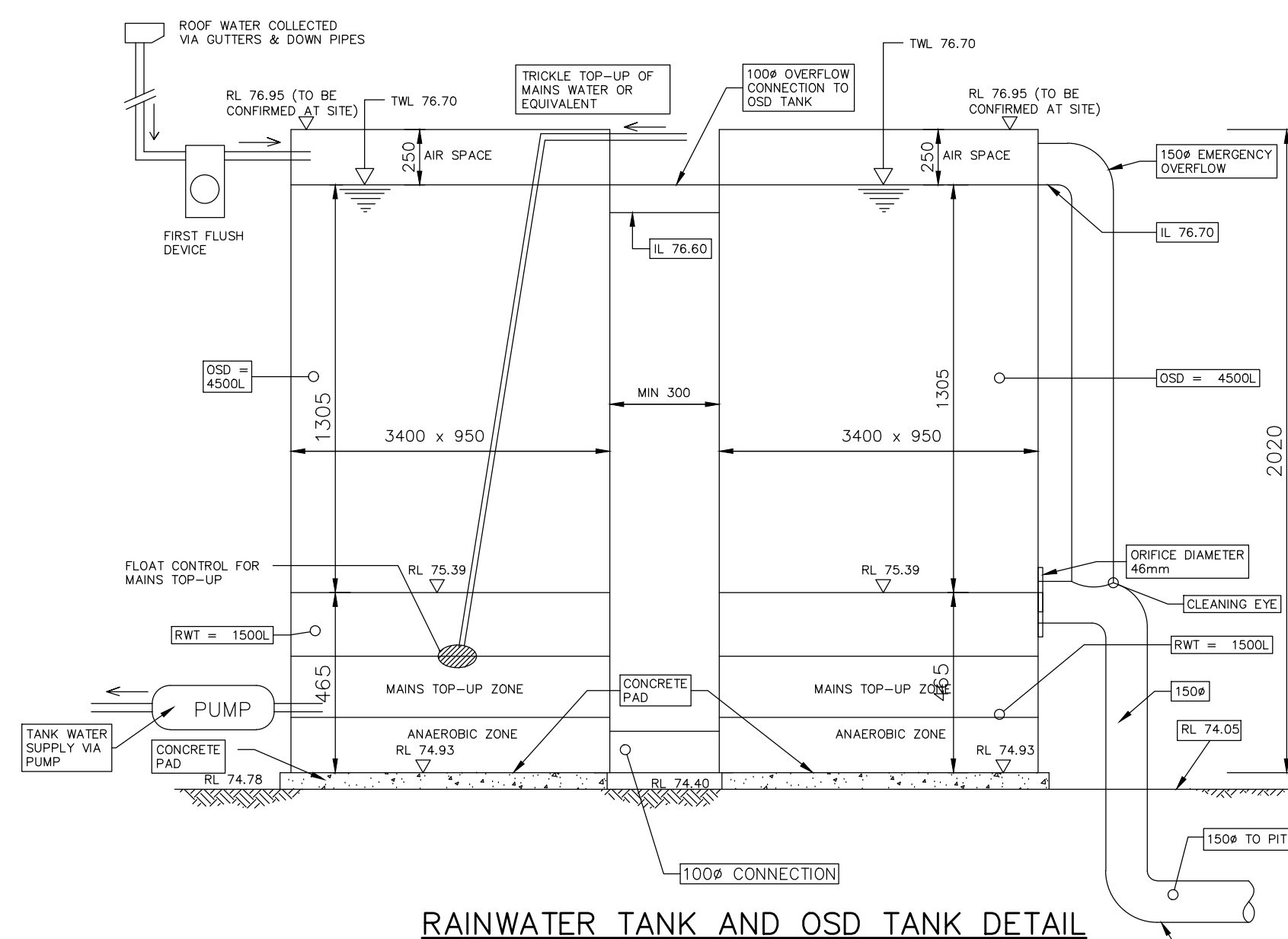
TYPICAL CHARGED LINE
CLEAN OUT CONNECTION TO A PIT
NOT TO SCALE



OSD SIGN
NOT TO SCALE



GRATED DRAIN DETAIL
NOT TO SCALE



RAINWATER TANK AND OSD TANK DETAIL



SCALE	NT
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RAINWATER TANK NOTES:

RAINWATER TANKS HAVE A CAPACITY AS MARKED IN THE PLAN.

RAINWATER CONNECTION:
TANKS WATER WILL BE PLUMBED TO ALL OUTDOOR WATERING, TOILETS AND LAUNDRY AS PER BASIX REQUIREMENTS.

FIRST FLUSH:
'FIRST FLUSH' DEVICE WILL BE FITTED TO REMOVE SURFACE CONTAMINATION.

NON DRINKING:
TANKS WATER WILL NOT BE CONNECTED TO DRINKING OR BATHING WATER OUTLETS.

FULLY ENCLOSED:
TANKS WILL BE FULLY ENCLOSED AND SEALED TO PREVENT ACCESS BY MOSQUITOES.

NON REFLECTIVE FINISH:
TANKS SURFACES WILL HAVE NON REFLECTIVE FINISH.

WARNING LABELS:
A LABEL WILL BE AFFIXED TO THE TANKS WARNING THAT WATER IS NOT TO BE DRUNK AND RAINWATER. SIGNAGE WILL BE PLACED ABOVE ALL TANKS WATER OUTLETS.

ROOFING MATERIALS:
THE ROOF SURFACE FROM WHICH RAINWATER IS BEING DRAIN WILL NOT CONTAIN LEAD,TAR, ASBESTOS OR PAINTS BASE:

TANKS WILL BE BUILT ON A SELF SUPPORTING BASE (MAYBE GROUND TANKS ONLY)

WATER PRESSURE:
TANKS WILL BE FITTED WITH SMALL MOTOR PUMPS TO PROVIDE ACCEPTABLE WATERPRESSURE.

PUMP NOISE:
PUMP WILL BE DESIGNED AND SIZED NOT TO CAUSE A NOISE DISTURBANCE TO NEIGHBOURS (GENERALLY NOT > 50 DBA BACKGROUND NOISE)

INSTALLATION:
WILL BE INSTALLED BY A LICENSED PLUMBER IN ACCORDANCE WITH SYDNEY WATER REQUIREMENTS AND THE NSW CODE OF PRACTICE:PLUMBING AND DRAINAGE

BACKFLOW PREVENTION:
A BACK-FLOW PREVENTION DEVICE WILL BE PROVIDED AT THE MAINS WATER METER

DUAL SUPPLY:
A TRICKLE TOP-UP SYSTEM WILL BE PROVIDED AT THE MAINS WATER.

BACK UP SUPPLY:
A BACK UP SUPPLY OF MAINS WATER WILL BE PROVIDED IN EVENT OF FAILURE OR MAINTENANCE.

ANAEROBIC ZONE:
WATER WILL BE DRAWN FROM ABOVE THE ANAEROBIC ZONE OF TANKS.

TANKS CONSTRUCTION:
TANKS WILL BE STRUCTURALLY SOUND AND CONSTRUCTED IN ACCORDANCE WITH AS/NZS3500.1.2-1998:NATIONAL PLUMBING AND DRAINAGE-WATER SUPPLY-ACCEPTABLE SOLUTIONS AIR GAP:

















TANKS WILL BE PROVIDED WITH AN AIR GAP IN ACCORDANCE WITH AS/NZ 3500.1.2 & AS2845.2 ON GOING MAINTENANCE.

TANKS WILL BE WELL KEPT AND MAINTAINED BY THE OWNER.

NOTES:

1. ALL WORKS TO BE CONSTRUCTED TO THE REQUIREMENTS AND SATISFACTION OF THE NORTHERN BEACHES CONDOM. COP.
2. PRIOR TO COMMENCEMENT OF ANY SITE WORKS, THE BUILDING CONTRACTOR/PLUMBER HAS TO EXPOSE ALL SERVICES IN THE FULL WIDTH OF THE FOOTPATH TO ENSURE THERE ARE NO OBSTRUCTIONS IN THE LINE OF THE DRAINAGE DISCHARGE PIPE.
3. THE DRAINAGE CONTRACTOR IS TO LOCATE AND RELOCATE AS NECESSARY ALL SERVICES ON SITE.
4. THE BUILDER IS TO VERIFY ALL LEVELS ON THE SITE PRIOR TO COMMENCING CONSTRUCTION.
5. SURVEILLANCE IS TO BE ERECTED PRIOR TO COMMENCING WORK. FENCE TO BE MAINTAINED IN WORKING ORDER DURING THE TIME OF CONSTRUCTION.
6. W.A.E. DRAWING BY A REGISTERED SURVEYOR IS REQUIRED PRIOR TO CERTIFICATION OF DRAINAGE.
7. U.N.O. ALL DOWN PIPES ARE TO BE 100mm.
8. U.N.O. ALL PIPES TO BE 100mm WITH 1% MIN SLOPE.
9. ALL THE RETAINING WALLS TO STRUCTURAL ENGINEERS DETAIL AND SHOULD BE WITHIN THE SITE BOUNDARY.
10. ALL THE DOWN PIPES FROM THE ROOF GUTTER TO RAINWATER TANK SHALL BE CHARGED LINES AND SOLVENT WELD JOINTED.
11. PROVIDE OSD SIGN AS PER THE DETAIL.

LEGEND

DRAINAGE LINE		SURFACE INLET PIT	
AG. LINE		JUNCTION PIT	
SILT FENCE		DOWN PIPE	
EXISTING LEVEL		SPREADER PIPE	
SILT BARRIER AROUND PIT		PLANTER GRATE	
CLEANING EYE (OR INSEPECTION EYE)		FLOOR GRATE	
SURFACE LEVEL SL 45.50		DROPPER	
INVERT LEVEL IL 45.00		STEP IN THE RETAINING WALL	
REMOVED TREE		FLUSHING POINT	

CAUTION:

ALL THE LEVELS AND DIMENSIONS ARE CRITICAL. PLEASE FOLLOW THE SW PLAN FOR CONSTRUCTION TO AVOID FINAL CERTIFICATION DELAY. IF YOU SEE SOMETHING NOT CORRECT OR NOT SUITED FOR SITE PLEASE CONTACT THE STORMWATER ENGINEER FOR CLARIFICATION AND FURTHER DIRECTIONS.

NOTE:

NOTE:
THE SURFACE INLET PITS SHALL BE HEAVY DUTY PLASTIC PITS IF IT IS LESS THAN 400mm DEEP.

NOTE:

PRIOR TO CONSTRUCTION THE BUILDER IS TO COORDINATE ALL THE PLANS (ARCHITECTURE PLAN, LANDSCAPE PLAN, STRUCTURAL ENGINEER'S PLAN AND THE STORMWATER PLAN) TO MAKE SURE ALL THE DESIGN LEVELS, DOWNPIPE LOCATIONS AND THE FLOOR LEVELS ARE SAME IN ALL THE PLANS.

NOTE:


THE PIT SURFACE LEVELS AND THE TOP OF RETAINING WALLS
SHALL BE RE-CONFIRMED AT SITE

NOTE:

CLEAN OUT LINES FROM THE CHARGED LINES TO BE CONNECTED
TO THE NEAREST PITS WITH END CAP AT THE PIT END

NOTE:

NOTE:
PROVIDE FLOOR GRATES (1000) FOR THE FIRST FLOOR BALCONIES
(DO NOT CONNECT TO THE RAINWATER TANK)

						DESIGN BY: VNK CONSULTING PTY LTD PO BOX 9118 HARRIS PARK NSW 2150 Mobile: 0401 132 386 Email: VNKCONSULTING@GMAIL.COM	Drawing Title: STORMWATER DRAINAGE LAYOUT PLAN		DESIGNED	NL	Project: PROPOSED DWELLING 67 OCEANA STREET NARRAWEENA NSW 2999	Ref No. 010423-01
						DRAWN			INO	Issue: A		
						DATUM			AHD			
A	01.04.2023	ISSUED FOR DA APPROVAL (NOT FOR CONSTRUCTION)	INO		PRINCIPAL ENGINEER: LOGAN N LOGESWARAN	DATE			01.04.2023			
Issue	Date	Description	BY		QUALIFICATIONS: BscEng, MEng, MEngStud, M.ASCE, MIEAust, CPEng, NER							SHEET 1 of 1