

RAINWATER TANK NOTES:

CAPACITY:
RAINWATER TANK HAS A CAPACITY AS MARKED IN THE PLAN.

RAINWATER CONNECTION:
TANK WATER WILL BE PLUMBED TO ALL OUTDOOR WATERING, ALL TOILETS AND LAUNDRY ROOM AS PER BASIX REQUIREMENT (TO BE RE-CONFIRMED FROM BASIX REPORT).

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

NON DRINKING:
TANK 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 CONSUMED AND RAINWATER SIGNAGE WILL BE PLACED ABOVE ALL TANK WATER OUTLETS.

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

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

WATER PRESSURE:
TANKS WILL BE FITTED WITH SMALL MOTORISED PUMP TO PROVIDE ACCEPTABLE WATER PRESSURE.

PUMP NOISE:
PUMP WILL BE DESIGNED AND LOCATED NOT TO CAUSE A NOISE DISTURBANCE TO NEIGHBOURS (GENERALLY NOT 5 dBA ABOVE 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

BACK FLOW 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.

TANK CONSTRUCTION:
TANKS WILL BE STRUCTURALLY SOUND AND CONSTRUCTED IN ACCORDANCE WITH AS/NZ3500.12-1998 NATIONAL PLUMBING AND DRAINAGE-WATER SUPPLY-ACCEPTABLE SOLUTIONS.

AIR GAP:
TANKS WILL BE PROVIDED WITH AN AIR GAP IN ACCORDANCE WITH AS/NZ 3500.12 AND AS2845.2

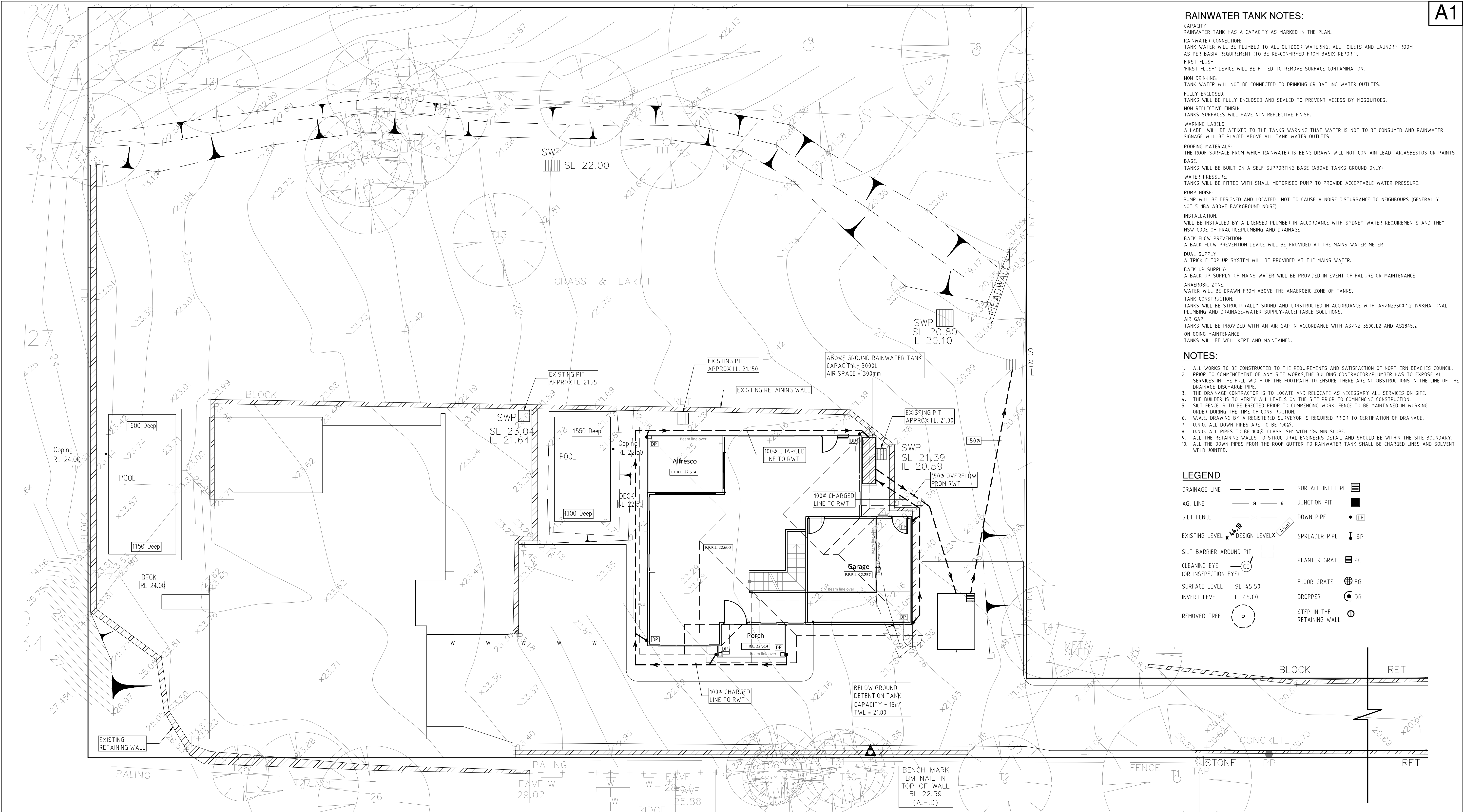
ON GOING MAINTENANCE:
TANKS WILL BE WELL KEPT AND MAINTAINED.

NOTES:

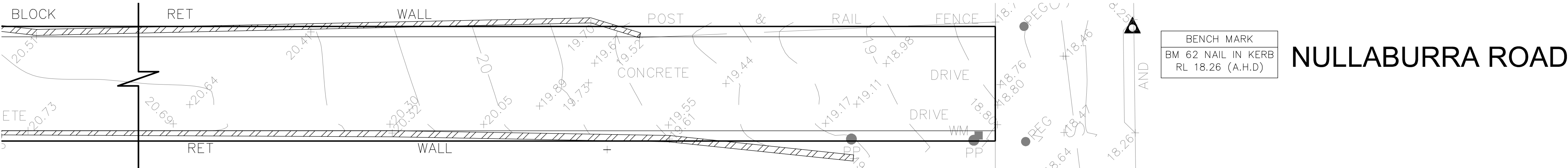
- ALL WORKS TO BE CONSTRUCTED TO THE REQUIREMENTS AND SATISFACTION OF NORTHERN BEACHES COUNCIL.
- PRIOR TO COMMENCEMENT OF ANY SITE WORKS,THE BUILDING CONTRACTOR/PLUMBER HAS TO EXPOSE ALL SERVICES IN THE FULL WIDTH OF THE FOOTPATH TO ENSURE THERE ARE NO OBSTRUCTIONS IN THE LINE OF THE DRAINAGE DISCHARGE PIPE.
- THE DRAINAGE CONTRACTOR IS TO LOCATE AND RELOCATE AS NECESSARY ALL SERVICES ON SITE.
- THE BUILDER IS TO VERIFY ALL LEVELS ON THE SITE PRIOR TO COMMENCING CONSTRUCTION.
- SILT FENCE IS TO BE ERECTED PRIOR TO COMMENCING WORK. FENCE TO BE MAINTAINED IN WORKING ORDER DURING THE TIME OF CONSTRUCTION.
- W.A.E. DRAWING BY A REGISTERED SURVEYOR IS REQUIRED PRIOR TO CERTIFICATION OF DRAINAGE.
- U.N.O. ALL DOWN PIPES ARE TO BE 100Ø.
- U.N.O. ALL PIPES TO BE 100Ø CLASS 'SH' WITH 1% MIN SLOPE.
- ALL THE RETAINING WALLS TO STRUCTURAL ENGINEERS DETAIL AND SHOULD BE WITHIN THE SITE BOUNDARY.
- ALL THE DOWN PIPES FROM THE ROOF GUTTER TO RAINWATER TANK SHALL BE CHARGED LINES AND SOLVENT WELD JOINTED.

LEGEND

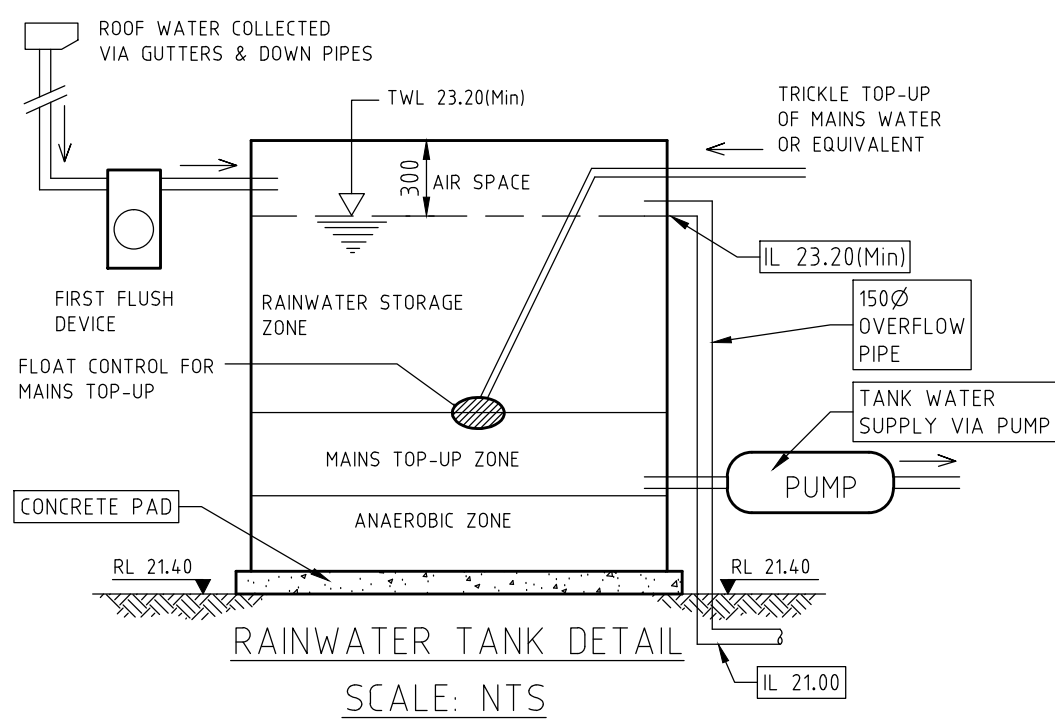
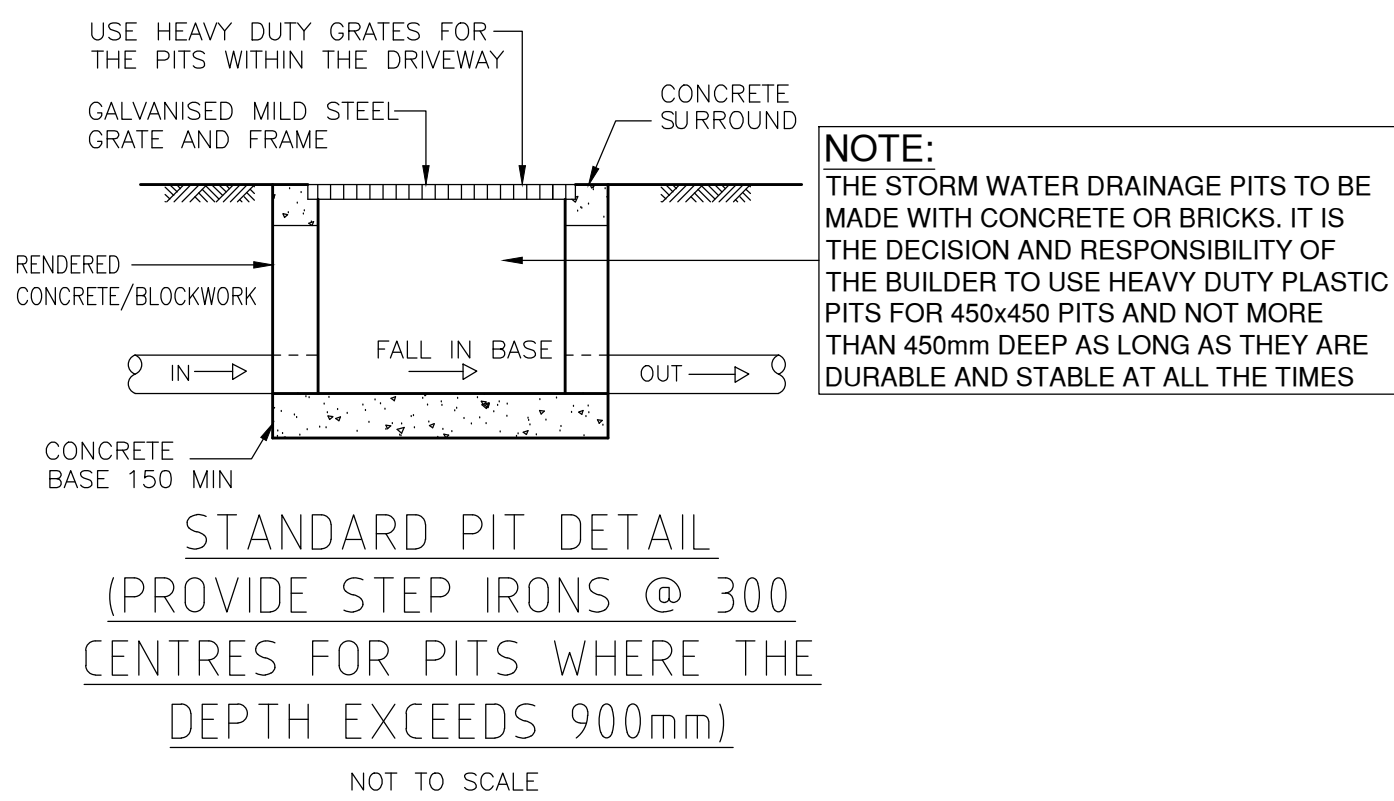
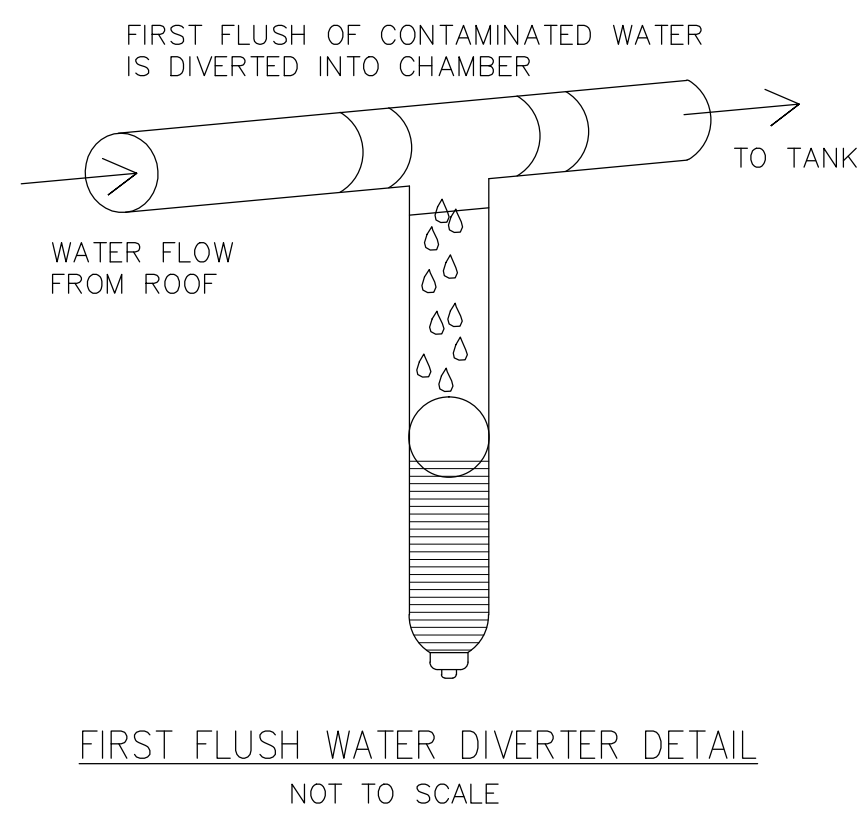
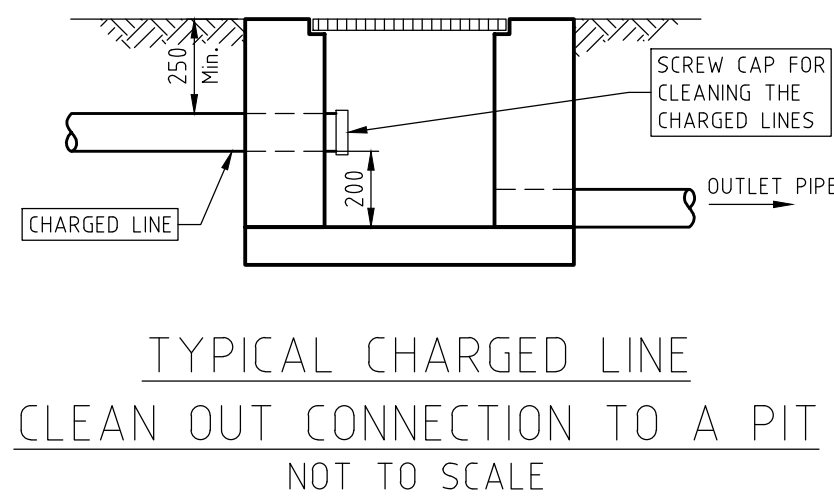
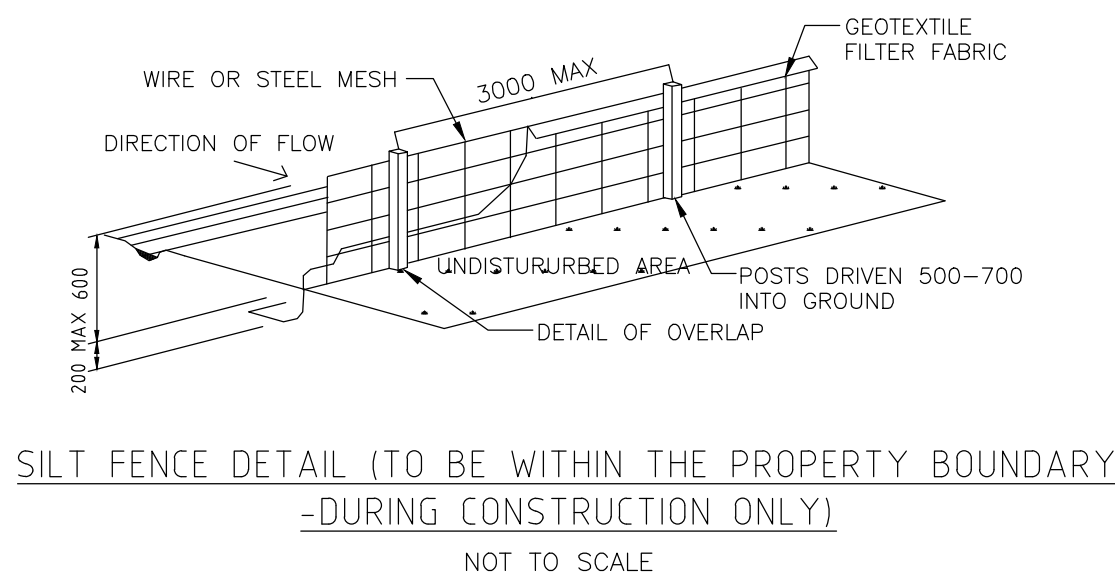
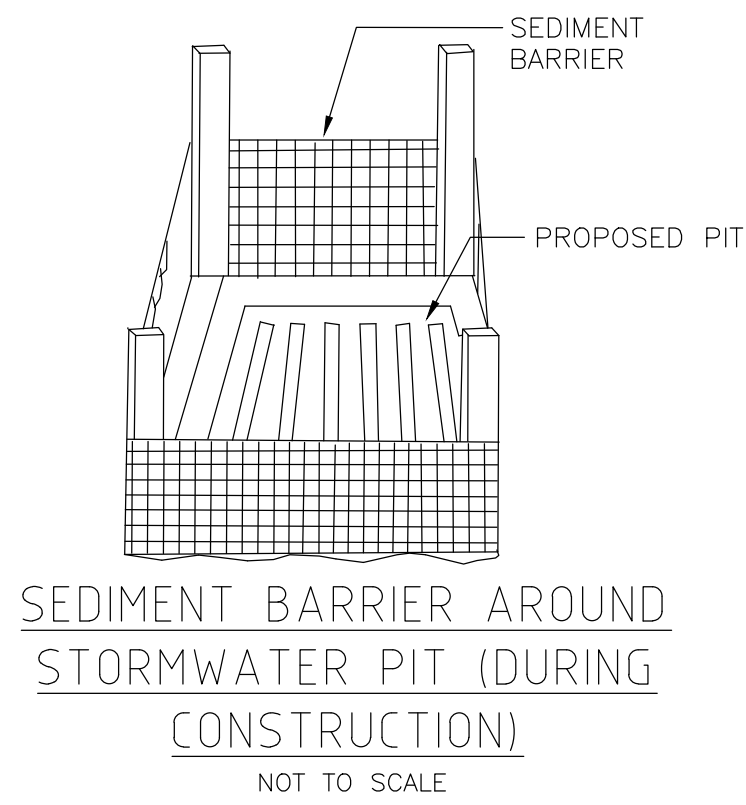
DRAINAGE LINE	---	SURFACE INLET PIT	■
AG. LINE	— a — a	JUNCTION PIT	■
SILT FENCE	⋈	DOWN PIPE	● DP
EXISTING LEVEL	x	DESIGN LEVEL	△
SILT BARRIER AROUND PIT	—	SPREADER PIPE	┆ SP
CLEANING EYE (OR INSPECTION EYE)	⊖	PLANTER GRATE	■ PG
SURFACE LEVEL	SL 45.50	FLOOR GRATE	⊕ FG
INVERT LEVEL	IL 45.00	DROPPER	● DR
REMOVED TREE	○	STEP IN THE RETAINING WALL	⊖



STORMWATER DRAINAGE LAYOUT PLAN
SCALE:- 1:100 @ A1



			DESIGN BY:	VNK CONSULTING Pty Ltd PO BOX 9118 Harris Park NSW 2150 Mobile: 0401 132 386 Email: VNKCONSULTING@GMAIL.COM	Drawing Title:		DESIGNED	NL	Project:	Ref No.
			PRINCIPAL ENGINEER:	LOGAN N LOGESWARAN	STORMWATER DRAINAGE LAYOUT PLAN - 1		DRAWN	AJ	PROPOSED DWELLING (HOUSE-2)	030220-01
			QUALIFICATIONS:	BscEng, MEng, MEngStud, M.ASCE, MIEAust, CPEng, NER			DATUM	AHD	34 NULLABURRA ROAD	Issue:
A	03.02.2020	ISSUED FOR DA APPROVAL	AJ				DATE	03.02.2020	NEWPORT NSW 2106	A
Issue	Date	Description	BY							SHEET 1 of 2



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

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

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								DRAWN	AJ	PROPOSED DWELLING (HOUSE-2) 34 NULLABURRA ROAD NEWPORT NSW 2106	Issue: A
				PRINCIPAL ENGINEER:	LOGAN N LOGESWARAN			DATUM	AHD		
				QUALIFICATIONS:	BscEng, MEng, MEngStud, M.ASCE, MIEAust, CPEng, NER			DATE	03.02.2020		SHEET 2 of 2
A	03.02.2020	ISSUED FOR DA APPROVAL		AJ							
Issue	Date	Description		BY							