

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 @BA 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.

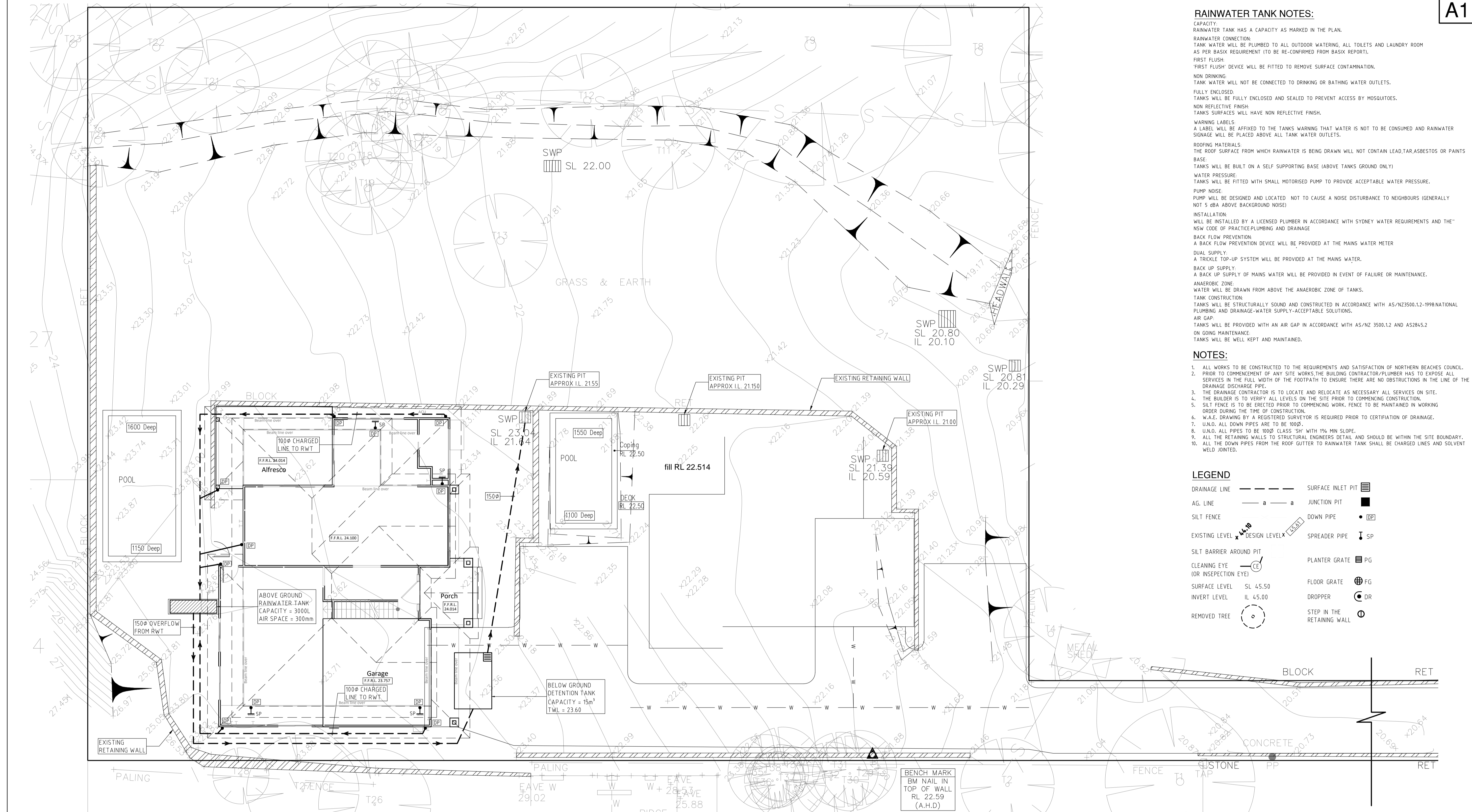
TANK CONSTRUCTION: TANKS WILL BE STRUCTURALLY SOUND AND CONSTRUCTED IN ACCORDANCE WITH AS/NZ3500.12-1998 NATIONAL PLUMBING AND DRAINAGE-WATER SUPPLY-ACCEPTABLE SOLUTIONS.

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.

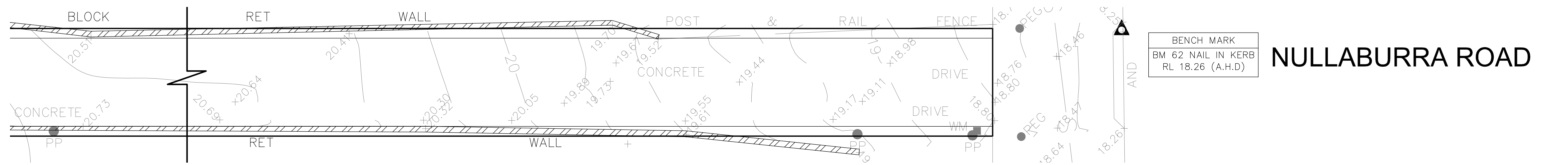
- NOTES:**
- ALL WORKS TO BE CONSTRUCTED TO THE REQUIREMENTS AND SATISFACTION OF NORTHERN BEACHES COUNCIL.
 - PRIOR TO COMMENCEMENT OF ANY SITE WORKS, THE BUILDING CONTRACTOR/PLUMBER HAS TO EXPOSE ALL SERVICES IN THE FULL WIDTH OF THE FOOTPATH TO ENSURE THERE ARE NO OBSTRUCTIONS IN THE LINE OF THE DRAINAGE 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	SPREADER PIPE	⊥ SP
SILT BARRIER AROUND PIT	⌒	PLANTER GRATE	⊕ PG
CLEANING EYE (OR INSPECTION EYE)	⊕	FLOOR GRATE	⊕ FG
SURFACE LEVEL	SL 45.50	DROPPER	⊕ DR
INVERT LEVEL	IL 45.00	STEP IN THE RETAINING WALL	⊕
REMOVED TREE	⊙		



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



A Issue Date Description	02.02.2020	ISSUED FOR DA APPROVAL	AJ	DESIGN BY: VNK CONSULTING Pty Ltd PO BOX 9118 Harris Park NSW 2150 Mobile: 04.01 132 386 Email: VNKCONSULTING@GMAIL.COM PRINCIPAL ENGINEER: LOGAN N LOGESWARAN QUALIFICATIONS: BscEng, MEng, MEngStud, M.ASCE, MIEAust, CPEng, NER	Drawing Title: STORMWATER DRAINAGE LAYOUT PLAN - 1	DESIGNED: NL DRAWN: AJ DATUM: AHD DATE: 02.02.2020	Project: PROPOSED DWELLING (HOUSE-1) 34 NULLABURRA ROAD NEWPORT NSW 2106	Ref No. 020220-01 Issue: A SHEET 1 of 2
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