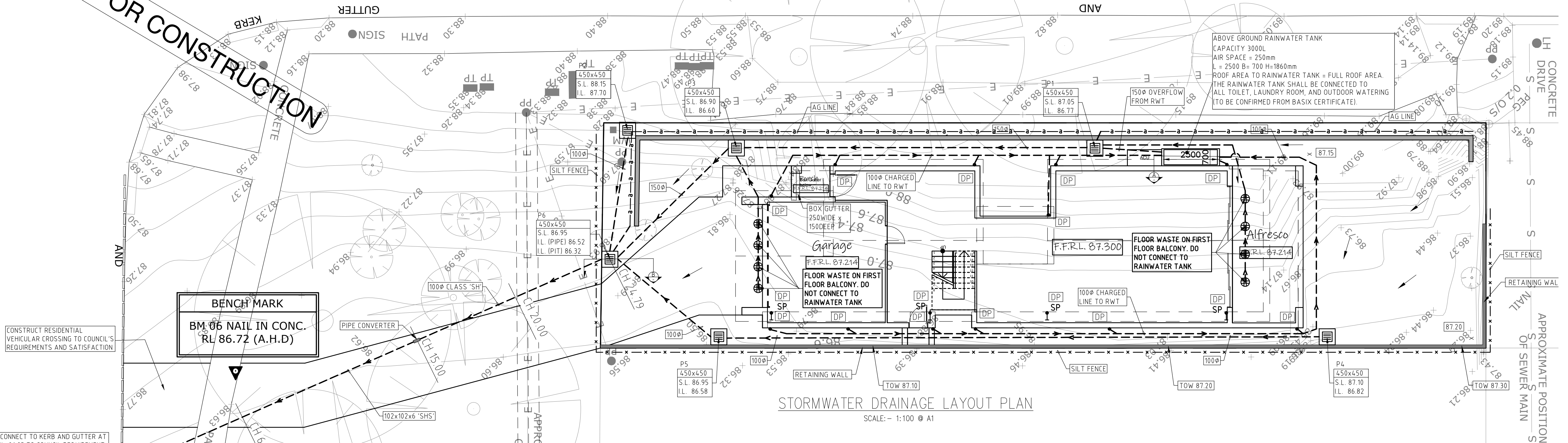


TELOPEA STREET

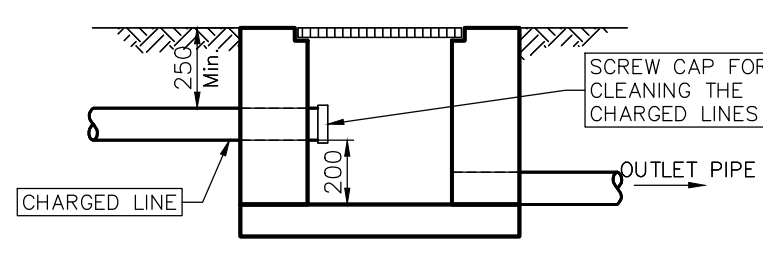
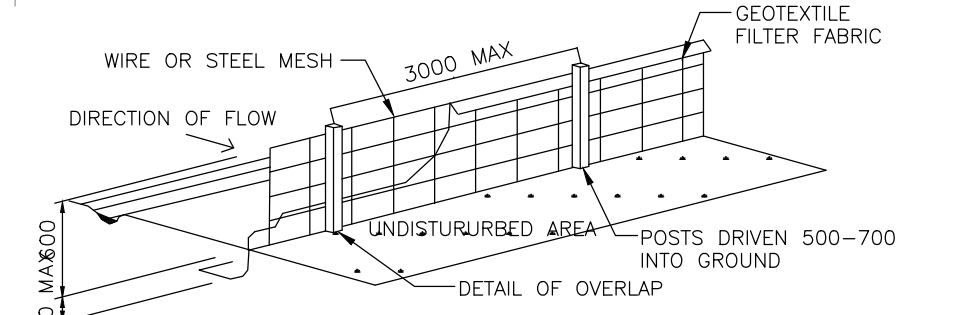
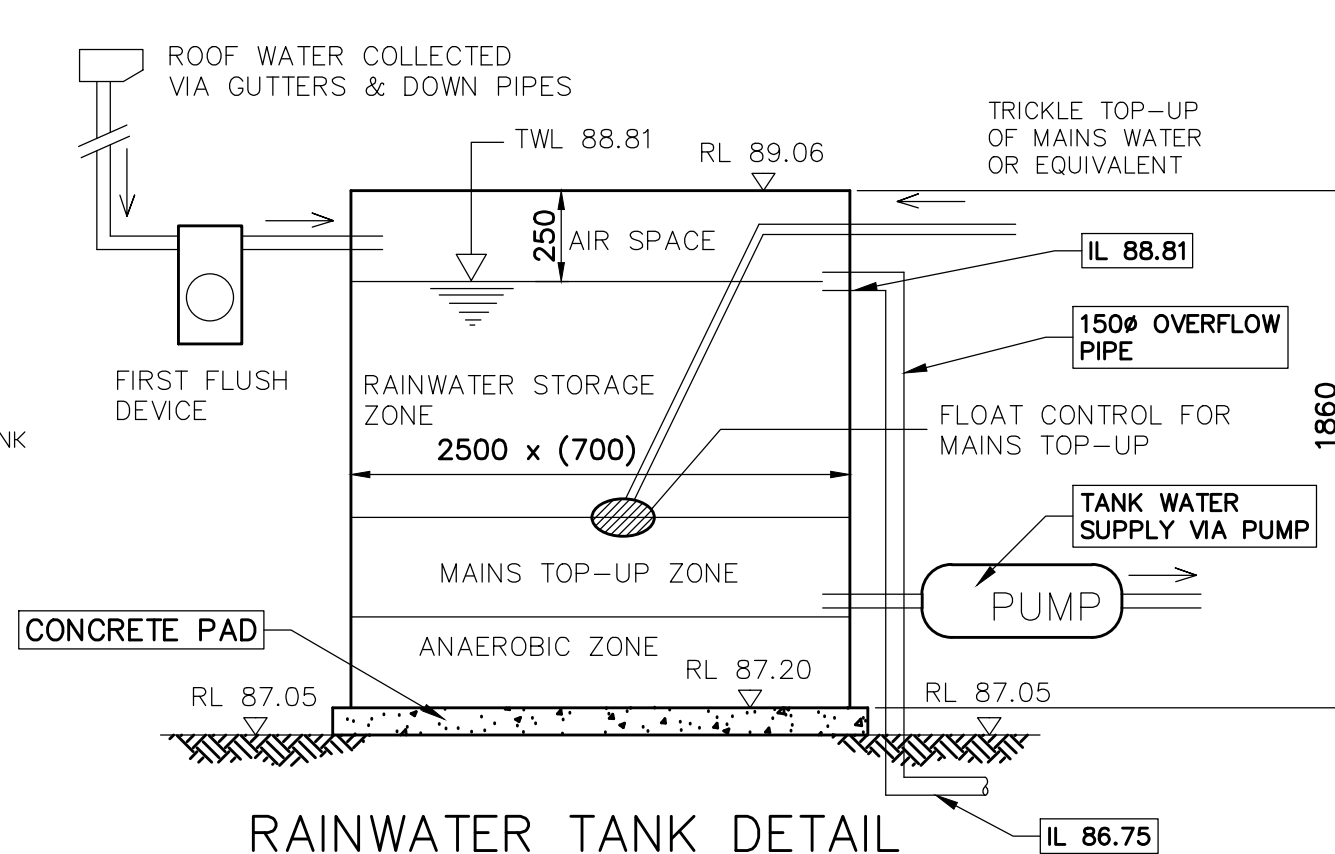
VETERANS PARADE

NOT FOR CONSTRUCTION



STORMWATER DRAINAGE LAYOUT PLAN

SCALE: -- 1:100 @ A1

TYPICAL CHARGED LINE
CLEAN OUT CONNECTION TO A PIT
NOT TO SCALESILT FENCE DETAIL (TO BE WITHIN THE PROPERTY
BOUNDARY DURING CONSTRUCTION ONLY)
NOT TO SCALE

RAINWATER TANK DETAIL

SECTION A
SCALE NTS

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, TOILETS AND LAUNDRY AS PER BASIX REQUIREMENTS.
- 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:
TANK WILL BE FULLY ENCLOSED AND SEALED TO PREVENT ACCESS BY MOSQUITOES.
- NON REFLECTIVE FINISH:
TANK WALLS WILL HAVE NON REFLECTIVE FINISH.
- WARNING LABEL:
A LABEL WILL BE AFFIXED TO THE TANK WARNING THAT WATER IS NOT TO BE CONSUMED AND RAINWATER TANK WATER 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.
- TANK WILL BE BUILT ON A SELF SUPPORTING BASE (ABOVE GROUND TANK ONLY)
- WATER PRESSURE:
TANK WILL BE FITTED WITH SMALL MOTORIZED PUMP TO PROVIDE ACCEPTABLE WATERPRESSURE.
- PUMP NOISE:
PUMP WILL BE DESIGNED AND LOCATED NOT TO CAUSE NOISE DISTURBANCE TO NEIGHBOURS (GENERALLY NOT 5 dBA ABOVE BACKGROUND NOISE)
- INSTALLATION:
WILL BE INSTALLED BY A LICENSED PLUMBER IN ACCORDANCE WITH BASIX 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.
- 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 TANK.
- TANK CONSTRUCTION:
TANK WILL BE STRUCTURALLY SOUND AND CONSTRUCTED IN ACCORDANCE WITH AS/NZS5001.2-1998: NATIONAL PLUMBING AND DRAINAGE- WATER SUPPLY- ACCEPTABLE SOLUTIONS.
- AIR GAP:
TANK WILL BE PROVIDED WITH AN AIR GAP IN ACCORDANCE WITH AS/NZ 3500.1.2 & AS2845.2 ON GOING MAINTENANCE.
- TANK WILL BE WELL KEPT AND MAINTAINED BY THE OWNER.

NOTES:

- ALL WORKS TO BE CONSTRUCTED TO THE REQUIREMENTS AND SATISFACTION OF THE NORTHERN BEACHES COUNCIL DCP.
- 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 100mm.
- U.N.O. ALL PIPES TO BE 100mm 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 --- JUNCTION PIT
- SILT FENCE --- DOWN PIPE
- EXISTING LEVEL --- DESIGN LEVEL --- SPREADER PIPE
- SILT BARRIER AROUND PIT --- PLANTER GRATE
- CLEANING EYE (OR INSPECTION 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.

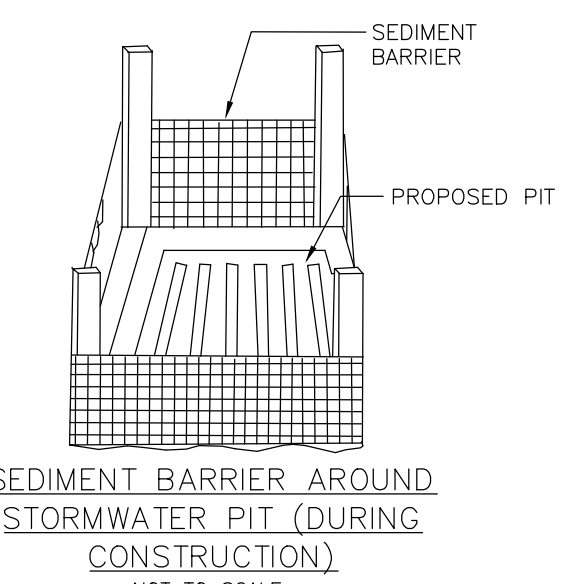
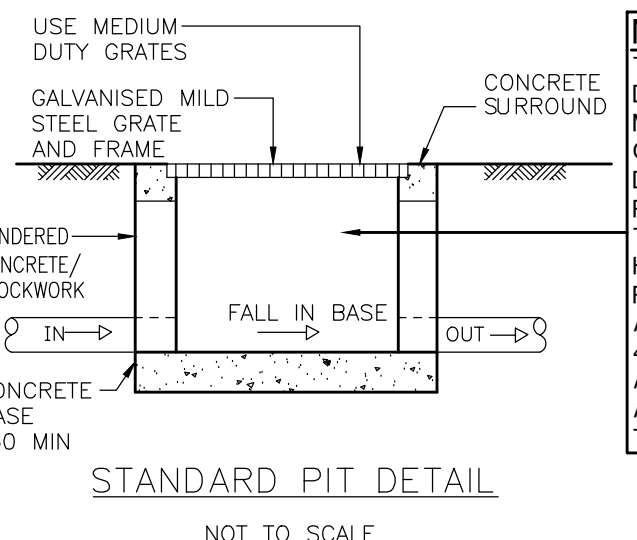
NOTE:
THE SURFACE INLET PITS SHALL BE HEAVY DUTY PLASTIC PITS IF IT IS LESS THAN 400mm DEEP.

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

SEDIMENT BARRIER AROUND
STORMWATER PIT (DURING
CONSTRUCTION)
NOT TO SCALESTANDARD PIT DETAIL
NOT TO SCALE

OSD CALCULATION (FORMER WARRINGAH COUNCIL AREA)

- SITE AREA = 433.70m² < 450m²
- THE OSD IS NOT REQUIRED FOR THIS DEVELOPMENT.

DESIGN BY: VNK CONSULTING PTY LTD
PO BOX 9118 HARRIS PARK NSW 2150
Mobile: 0401 132 386
Email: VNKCONSULTING@GMAIL.COM

PRINCIPAL ENGINEER: LOGAN N LOGESWARAN

QUALIFICATIONS: BscEng, MEng, MEngStud, M.ASCE, MIEAust, CPEng, NER

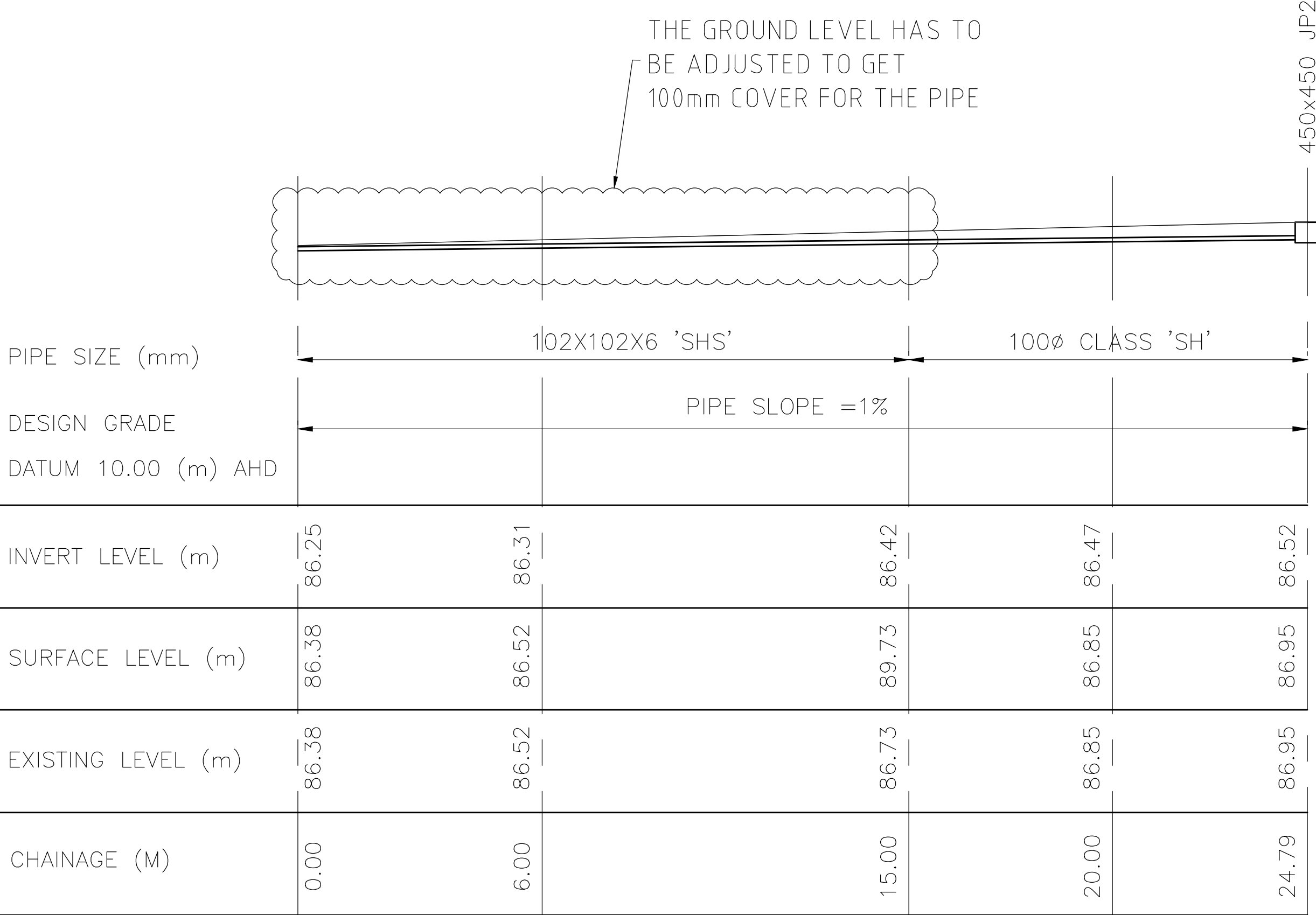
Drawing Title:
**STORMWATER DRAINAGE
LAYOUT PLAN**

DESIGNED: NL
DRAWN: INO
DATUM: AHD
DATE: 02.04.2024

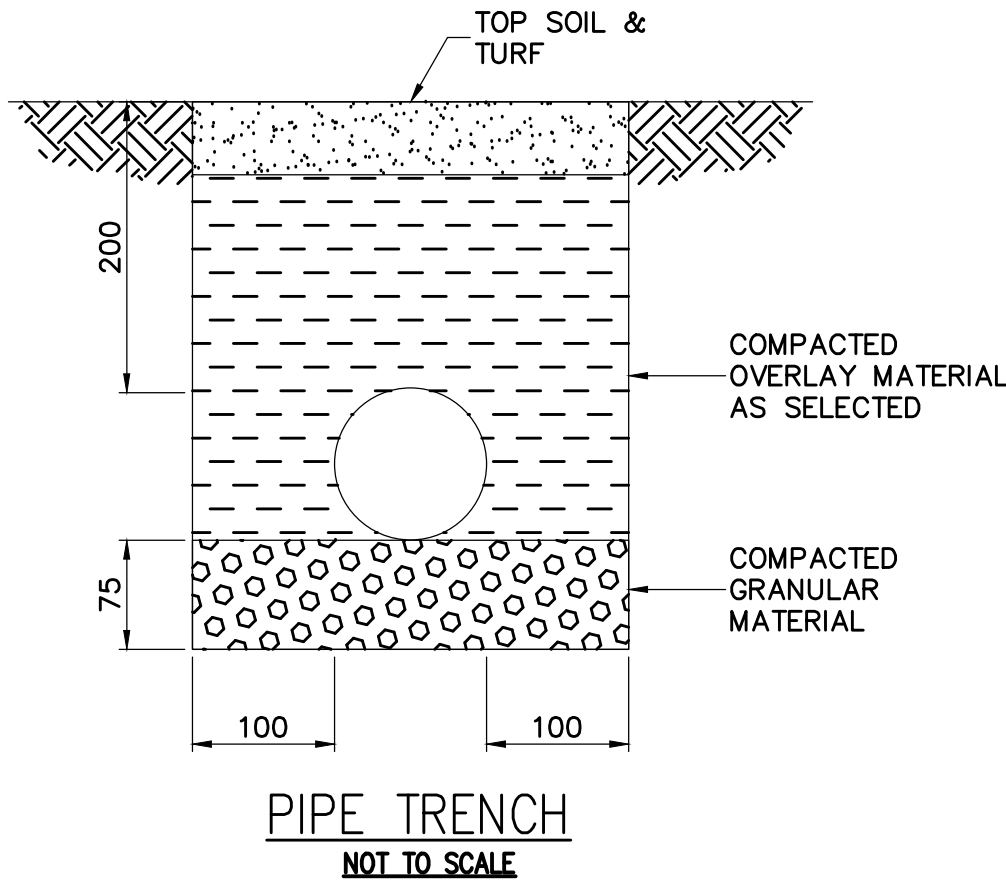
Project:
**PROPOSED DWELLING
11 VETERANS PARADE
COLLARROY PLATEAU NSW 2097**

Ref No. 020424-01
Issue: A
SHEET 1 of 2

Issue	Date	Description	By
A	02.04.2024	ISSUED FOR DA APPROVAL	INO



PIPE LONG SECTION FROM P6 TO KERB AND GUTTER
SCALE:- 1:100 (H) and 1:100 (V) @ A1



NOT FOR CONSTRUCTION