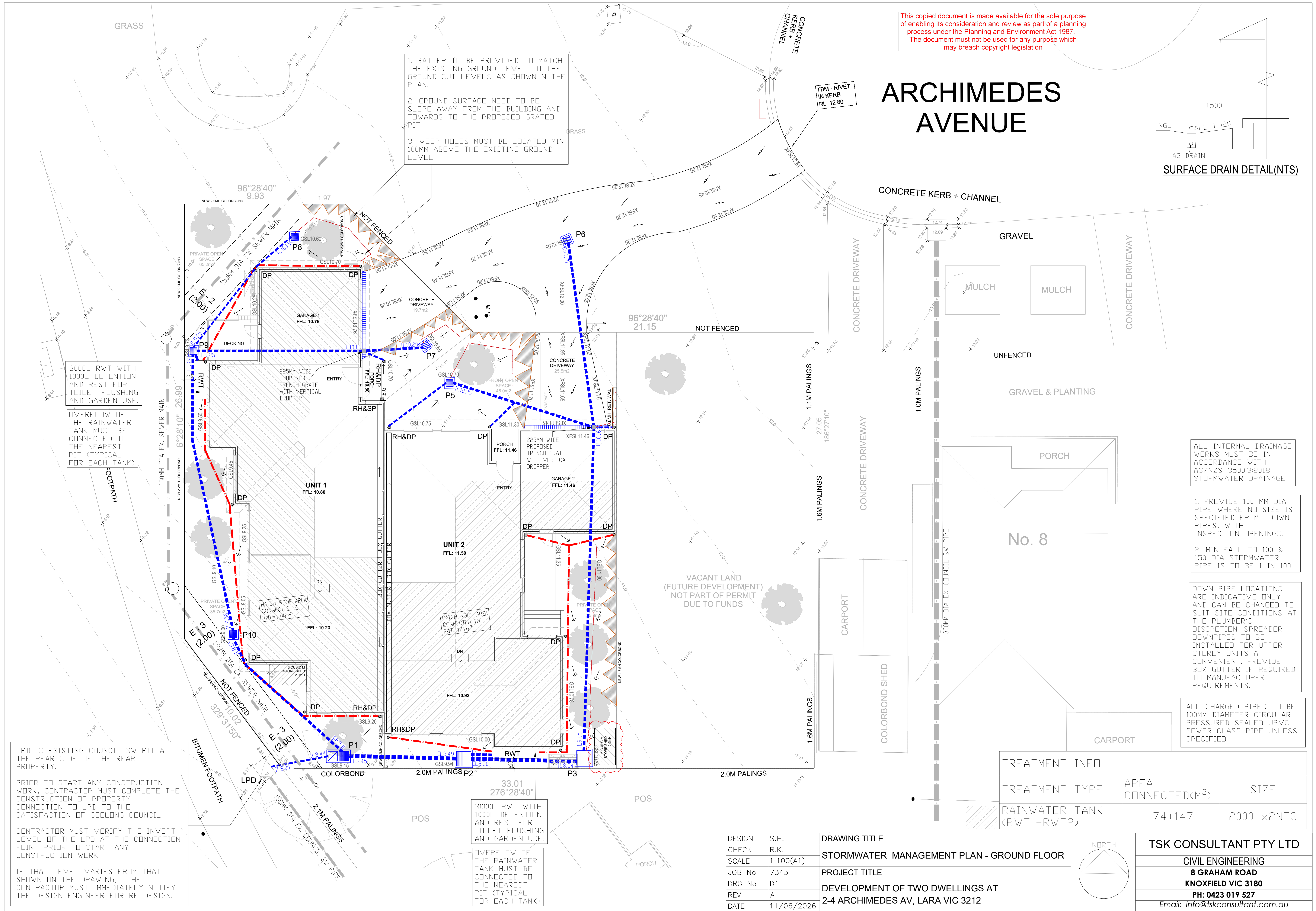
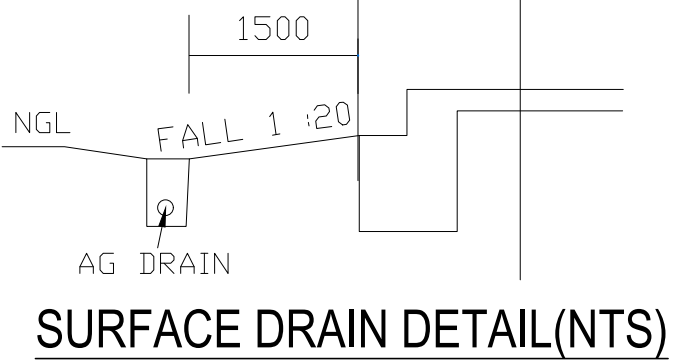


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ARCHIMEDES AVENUE



1. BATTER TO BE PROVIDED TO MATCH THE EXISTING GROUND LEVEL TO THE GROUND CUT LEVELS AS SHOWN N THE PLAN.
2. GROUND SURFACE NEED TO BE SLOPE AWAY FROM THE BUILDING AND TOWARDS TO THE PROPOSED GRATED PIT.
3. WEEP HOLES MUST BE LOCATED MIN 100MM ABOVE THE EXISTING GROUND LEVEL.

3000L RWT WITH 1000L DETENTION AND REST FOR TOILET FLUSHING AND GARDEN USE.

OVERFLOW OF THE RAINWATER TANK MUST BE CONNECTED TO THE NEAREST PIT (TYPICAL FOR EACH TANK)

LPD IS EXISTING COUNCIL SW PIT AT THE REAR SIDE OF THE REAR PROPERTY..

PRIOR TO START ANY CONSTRUCTION WORK, CONTRACTOR MUST COMPLETE THE CONSTRUCTION OF PROPERTY CONNECTION TO LPD TO THE SATISFACTION OF GEELONG COUNCIL.

CONTRACTOR MUST VERIFY THE INVERT LEVEL OF THE LPD AT THE CONNECTION POINT PRIOR TO START ANY CONSTRUCTION WORK.

IF THAT LEVEL VARIES FROM THAT SHOWN ON THE DRAWING, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE DESIGN ENGINEER FOR RE DESIGN.

3000L RWT WITH 1000L DETENTION AND REST FOR TOILET FLUSHING AND GARDEN USE.

OVERFLOW OF THE RAINWATER TANK MUST BE CONNECTED TO THE NEAREST PIT (TYPICAL FOR EACH TANK)

ALL INTERNAL DRAINAGE WORKS MUST BE IN ACCORDANCE WITH AS/NZS 3500.3:2018 STORMWATER DRAINAGE

1. PROVIDE 100 MM DIA PIPE WHERE NO SIZE IS SPECIFIED FROM DOWN PIPES, WITH INSPECTION OPENINGS.
2. MIN FALL TO 100 & 150 DIA STORMWATER PIPE IS TO BE 1 IN 100

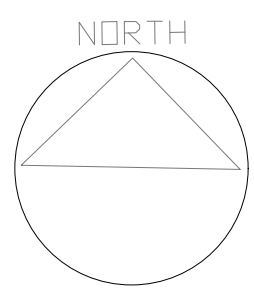
DOWN PIPE LOCATIONS ARE INDICATIVE ONLY AND CAN BE CHANGED TO SUIT SITE CONDITIONS AT THE PLUMBER'S DISCRETION. SPREADER DOWNPIPES TO BE INSTALLED FOR UPPER STOREY UNITS AT CONVENIENT. PROVIDE BOX GUTTER IF REQUIRED TO MANUFACTURER REQUIREMENTS.

ALL CHARGED PIPES TO BE 100MM DIAMETER CIRCULAR PRESSURED SEALED UPVC SEWER CLASS PIPE UNLESS SPECIFIED

TREATMENT INFO

TREATMENT TYPE	AREA CONNECTED(M ²)	SIZE
RAINWATER TANK (RWT1-RWT2)	174+147	2000Lx2NDS

DESIGN	S.H.	DRAWING TITLE
CHECK	R.K.	STORMWATER MANAGEMENT PLAN - GROUND FLOOR
SCALE	1:100(A1)	PROJECT TITLE
JOB No	7343	DEVELOPMENT OF TWO DWELLINGS AT
DRG No	D1	2-4 ARCHIMEDES AV, LARA VIC 3212
REV	A	
DATE	11/06/2026	



TSK CONSULTANT PTY LTD

CIVIL ENGINEERING

8 GRAHAM ROAD

KNOXFIELD VIC 3180

PH: 0423 019 527

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RAINWATER TANK MAINTENANCE PLAN			
ITEM	EVIDENCE MAINTENANCE REQUIRED	MAINTENANCE WORKS	FREQUENCY OF MAINTENANCE WORKS
TANK + TANK ROOF	•CHECK STRUCTURAL INTEGRITY OF THE TANK INCLUDING THE ROOF AND ACCESS COVER(S). •CHECK FOR ANY VISIBLE SIGNS OF LEAKS, HOLES OR CRACKS.	•ENSURE ALL SUPPORT BARS AND FITTINGS ARE NOT LOOSE AND INSTALLED TO MANUFACTURERS SPECIFICATIONS. •ANY LEAKS, HOLES OR GAPS SHOULD BE REPAIRED TO MANUFACTURERS SPECIFICATIONS.	•MINIMUM INSPECTION ONCE A YEAR OR AT THE TIME A DEFECT IS DETECTED
HOUSE ROOF + SHED ROOF	•CHECK FOR THE PRESENCE OF ACCUMULATED DEBRIS, LEAVES, DROPPINGS, DEAD INSECTS AND THE LIKE.	•ANY MATERIAL SHOULD BE CLEARED AND DISPOSE OFFSITE TO WASTE COLLECTION. IF YOU FEEL YOUR ROOF NEEDS A CLEAN, ENSURE THAT YOUR WATER TANK IS DISCONNECTED FROM THE WATER FLOW PRIOR TO CLEANING.	•MINIMUM INSPECTION ONCE A YEAR OR AT THE TIME A DEFECT IS DETECTED
GUTTERS + LEAF FILTERS + FIRST FLUSH DEVICES	•CHECK FOR BUILD-UP AND BLOCKAGE OF DEVICES WHICH PREVENT GOOD OPERATION AND FLOW INTO THE TANK.	•REMOVE ANY BUILT-UP LEAVES AND DEBRIS. REMOVE WATER AND ANY BLOCKAGES FROM FIRST FLUSH DEVICES AS NECESSARY. DISPOSE OFFSITE TO WASTE COLLECTION. •IF THE COARSE GRAIN LEAF FILTERS HAVE BECOME DAMAGED REMOVE AND REPLACE THE FILTER TO MANUFACTURERS SPECIFICATION.	•MINIMUM INSPECTION ONCE EVERY 6 MONTHS. PREFERABLY TIMED AT START OF WINTER AND START SPRING.
INFLOW + OVERFLOW SCREENS	•ENSURE SCREENS AROUND YOUR TANK AND ON ANY ACCESSORIES ARE PROPERLY CLEAN, SECURED AND UNBROKEN. THESE PREVENT MOSQUITOES, FROGS AND VERMIN FROM ENTERING YOUR TANK AND BREEDING.	•IF SCREENS ARE BROKEN, REPAIR OR REPLACE TO MANUFACTURERS SPECIFICATION. •INSPECT INSIDE THE TANK AND ANY VISIBLE SIGNS OF ANIMALS NESTING OR BREEDING.	•MINIMUM INSPECTION ONCE A YEAR OR AT THE TIME A DEFECT IS DETECTED
INTERNAL INSPECTION	•CHECK FOR EVIDENCE OF ANIMALS, MOSQUITOES, INSECTS OR ALGAE INSIDE THE TANK.	•IF PRESENT, IDENTIFY AND REMOVE. •ENSURE ANY ACCESS POINTS ARE PROPERLY SEALED AND LIGHT ENTRY IS FULLY BLOCKED.	•MINIMUM INSPECTION ONCE A YEAR OR AT THE TIME A DEFECT IS DETECTED
TANK FITTINGS + PUMP + PIPES + MAINS SWITCH	•INSPECT ALL TO ENSURE THEY ARE IN FULL WORKING ORDER. •ENSURE PUMP IS ACTIVATED WHEN TOILET OR LAUNDRY TAPS ARE TURNED. •ENSURE BYPASS REGULATE OR IS OPERATIONAL AND IS NOT STUCK ON CLEAN WATER FROM THE STREET.	•REPAIR ITEMS WHERE POSSIBLE. •ANY ELECTRICAL OR PLUMBING REPAIRS SHOULD BE DONE BY A LICENSED ELECTRICIAN OR LICENSED PLUMBER WHERE REQUIRED.	•MINIMUM INSPECTION ONCE A YEAR OR AT THE TIME A DEFECT IS DETECTED

Project # BD361215
2-4 ARCHIMEDES AV, LARA VIC 3212
Sanath Hettiarachchige - sanath@tskconsultant.com.au
2-4 Archimedes Ave, Lara VIC 3212, Australia
12 June 2026 4:11 p.m.



2-4 ARCHIMEDES AV, LARA VIC 3212

The proposed stormwater treatments provide 'deemed to comply' compliance with the minimum planning requirement for total nitrogen but does not comply with all the relevant objectives for management of stormwater flows on-site.



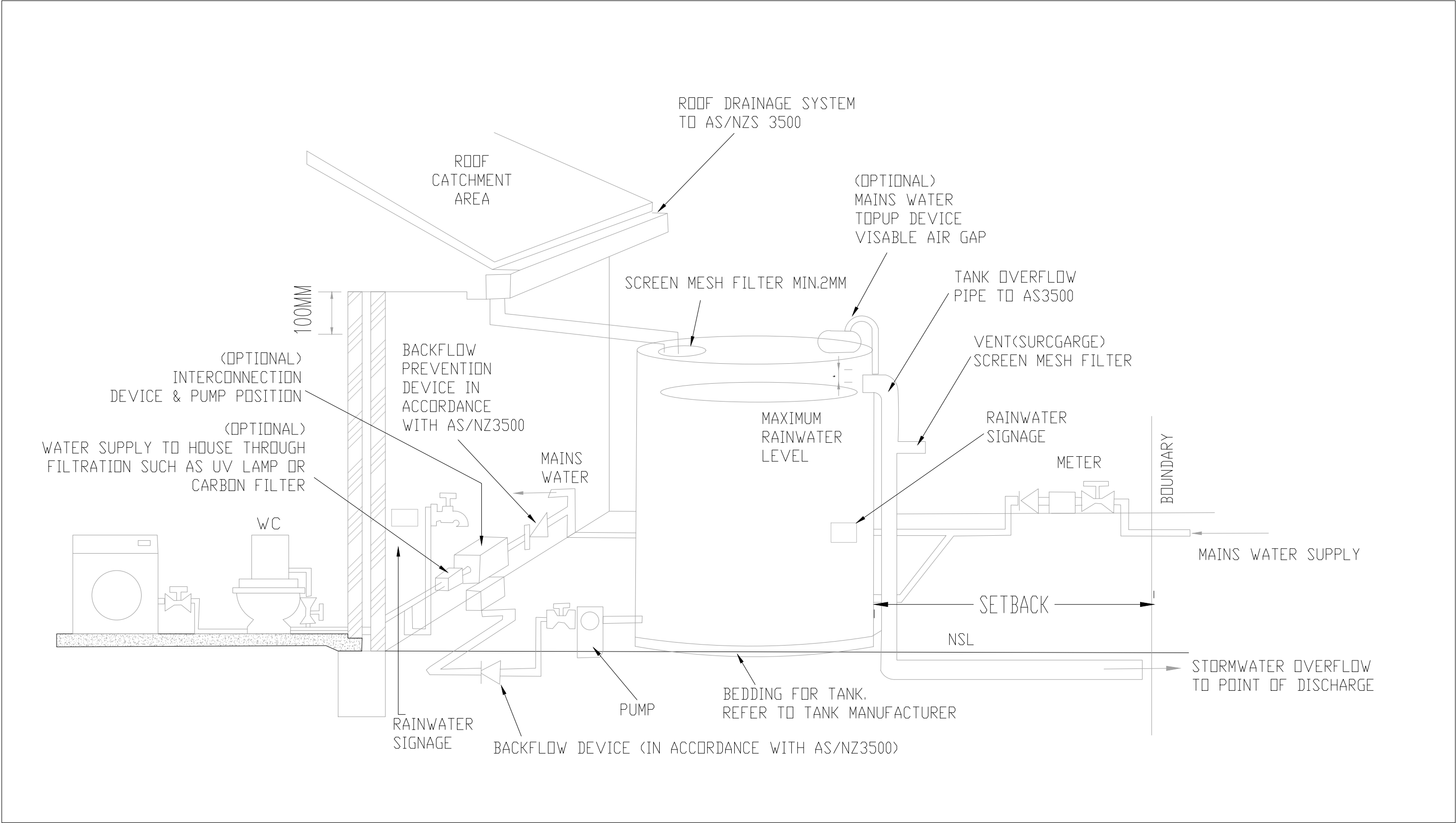
Project details

Name	2-4 ARCHIMEDES AV, LARA VIC 3212
Project ID	BD361215
Street address	2-4 Archimedes Ave, Lara VIC 3212, Australia
Municipality	Greater Geelong
Site area	1142.1 m²
Planning Number	

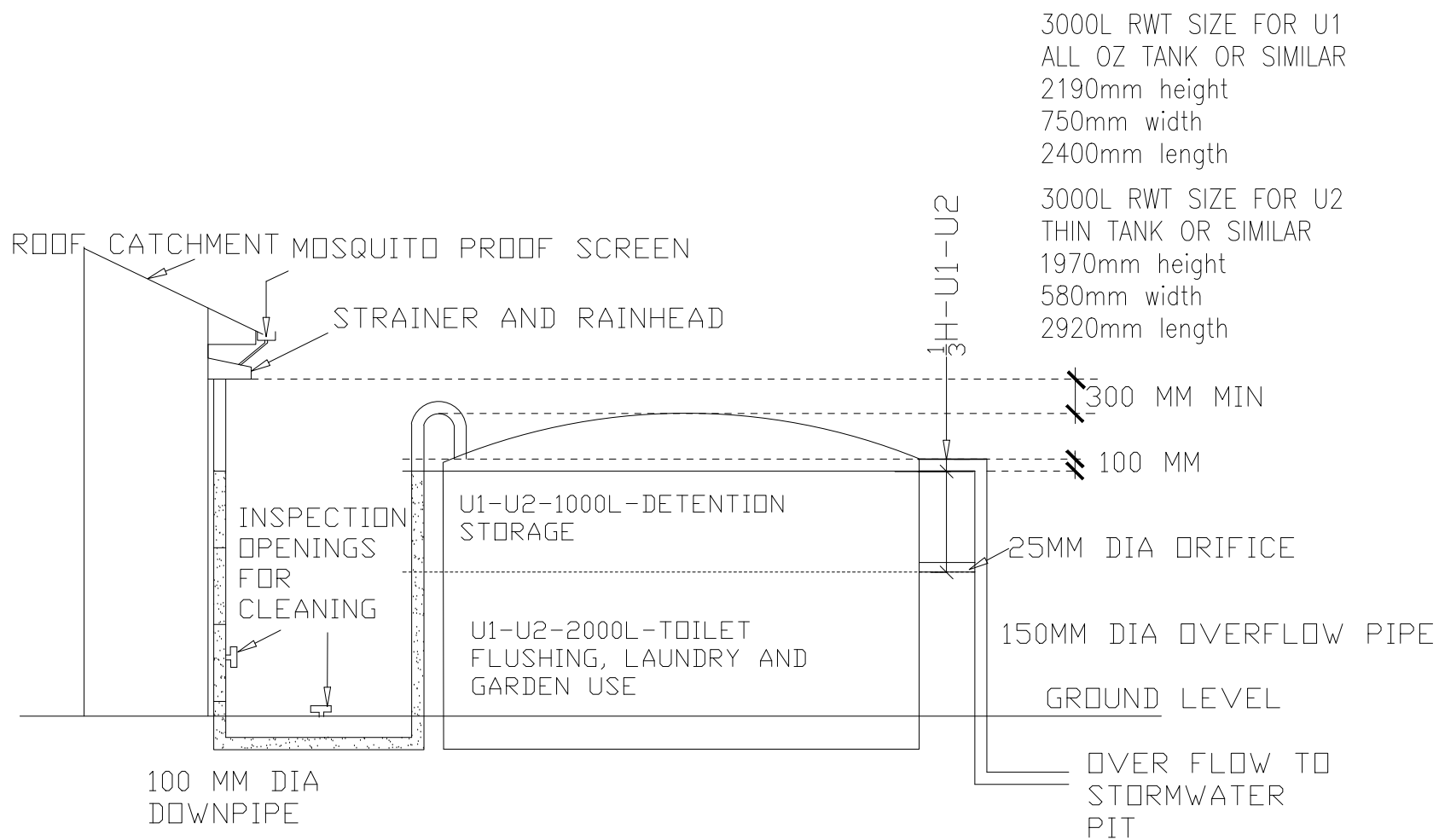
Flow and pollutant load reductions

Item	Result	Target	
Mean annual runoff volume harvested or evapotranspired (%)	45%	>32%	✓
Mean annual runoff volume infiltrated or filtered (%)	0%	>3%	✗
Total suspended solids (%)	49%	>80%	✗
Total phosphorus (%)	48%	>45%	✓
Total nitrogen (%)	46%	>45%	✓
Total gross pollutants (%)	63%	>70%	✗

STORM RATING REPORT



TYPICAL RAINWATER TANK COMPONENTS (NTS)
(Refer manufacturers specifications for your tank system)



RAINWATER TANK SYSTEM (NTS)

DESIGN	S.H.	DRAWING TITLE	TSK CONSULTANT PTY LTD
CHECK	R.K.	STORMWATER MANAGEMENT PLAN - RAINWATER TANK AND STORM RATING DETAILS	
SCALE	NTS	PROJECT TITLE	
JOB No	7343	DEVELOPMENT OF TWO DWELLINGS AT 2-4 ARCHIMEDES AV, LARA VIC 3212	
DRG No	D2		CIVIL ENGINEERING
REV	A		8 GRAHAM ROAD
DATE	11/06/2026		KNOXFIELD VIC 3180
			PH: 0423 019 527
			Email: info@tskconsultant.com.au