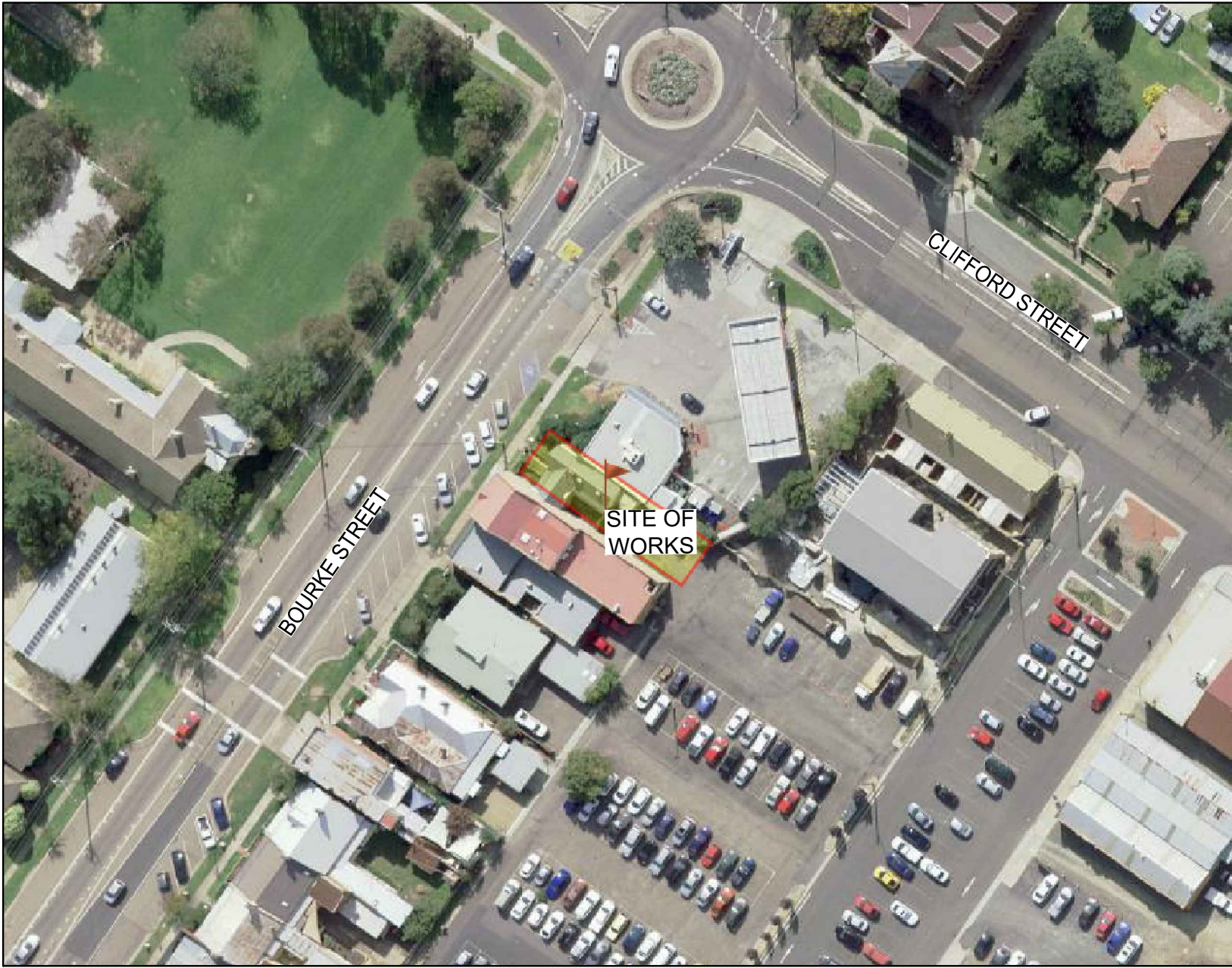


PROPOSED SHOPTOP HOUSING

187 BOURKE STREET, GOULBURN NSW



SOURCE: SIX MAP
DATE: 09/07/2025

DRAWING SCHEDULE	
DRAWING NUMBER	TITLE
C000	COVER SHEET
C100	STORMWATER MANAGEMENT PLAN - GROUND FLOOR
C101	STORMWATER MANAGEMENT PLAN - FIRST FLOOR & ROOF PLAN
C200	STORMWATER DETAILS
C300	EROSION AND SEDIMENT CONTROL PLAN
C301	EROSION AND SEDIMENT CONTROL DETAILS

LEGEND:

SITE BOUNDARY

STORMWATER LINE

DP O

DOWNPIPE OUTLET

FLOW DIRECTION

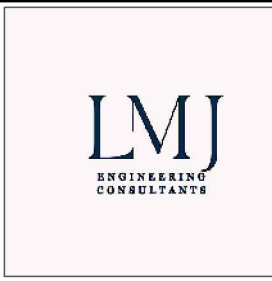
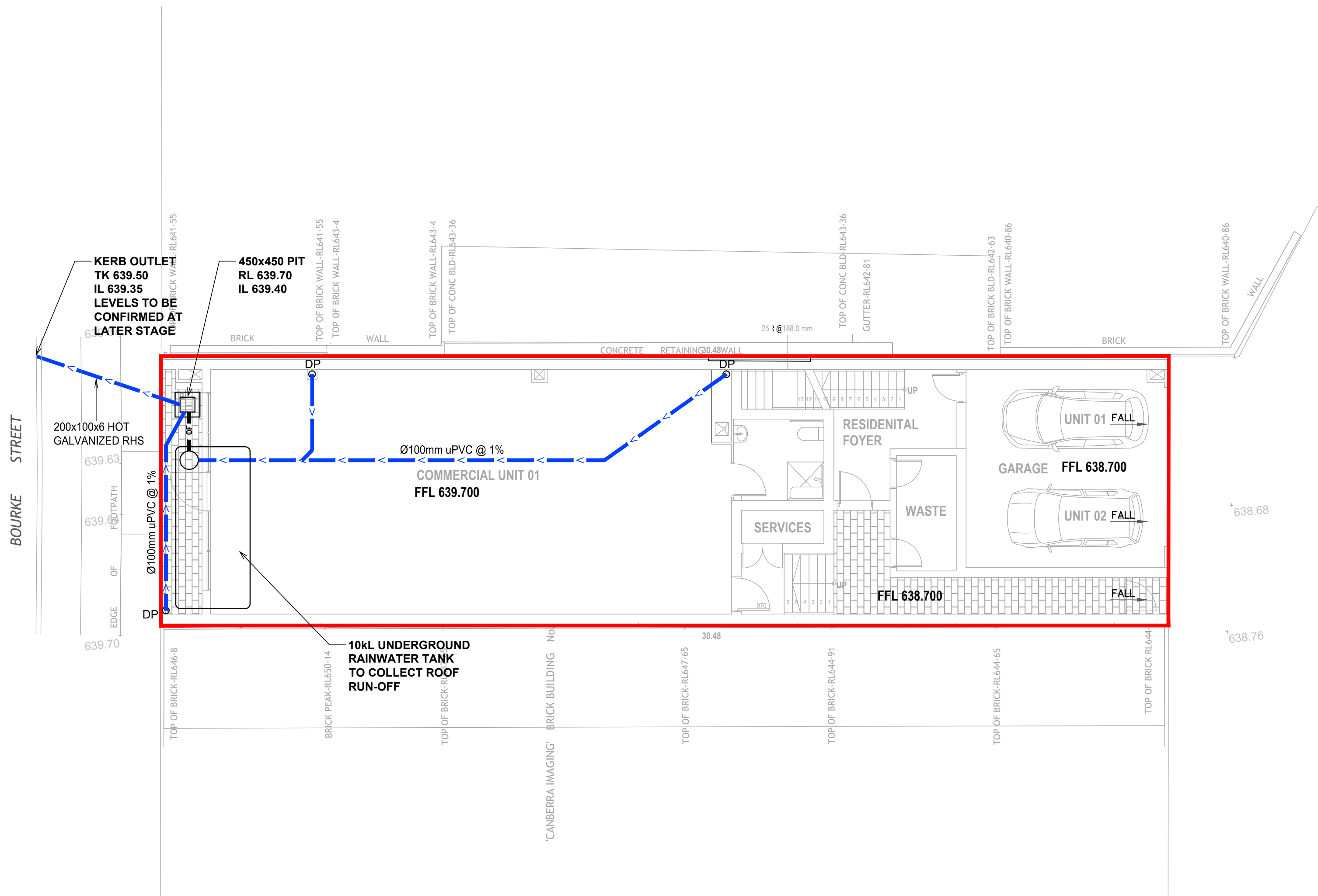
>EX

>EX

EXISTING PIPE

GTD

GRATED DRAIN

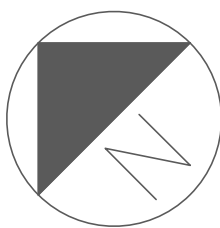


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Architect
KENSIT ARCHITECTS

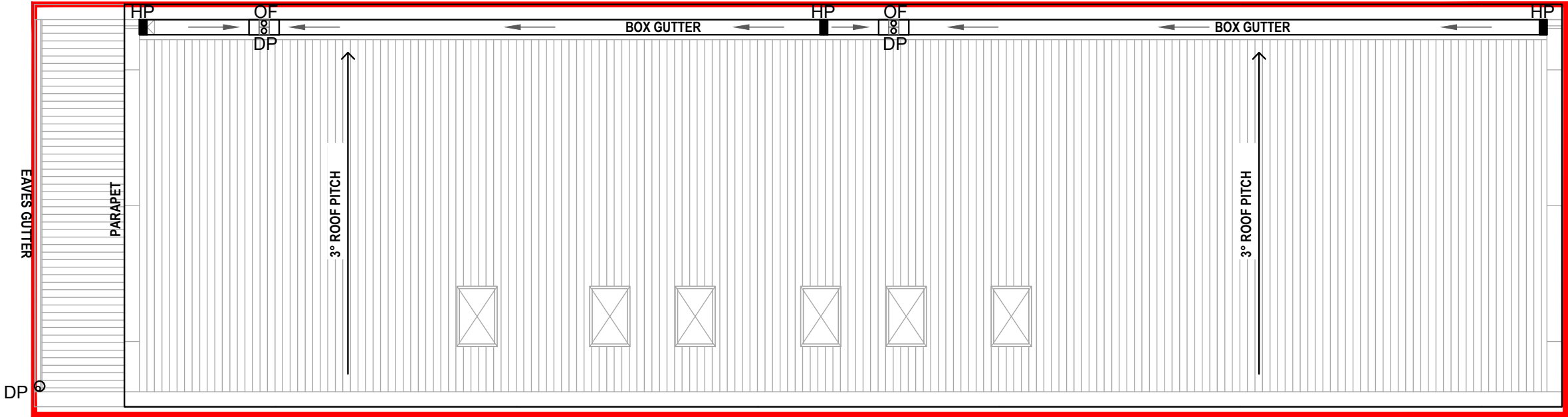
Project
187 BOURKE STREET, GOULBURN

**STORMWATER MANAGEMENT PLAN
GROUND FLOOR**

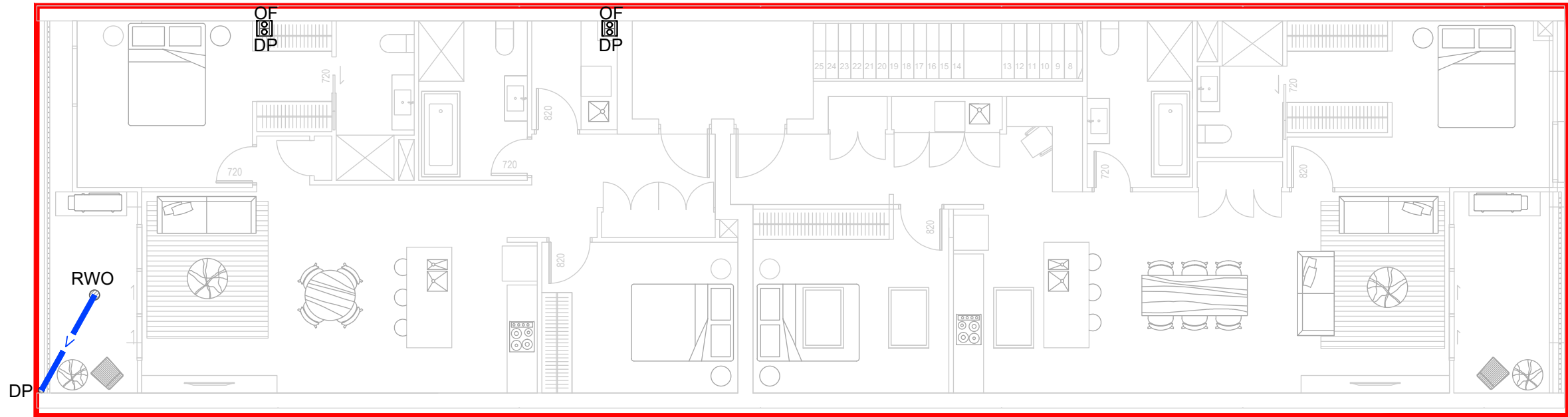


Rev	Description	Eng	Draft	Date
B	ISSUE FOR DA	LN	HP	21.07.2025
A	ISSUE FOR DA	LN	HP	09.07.2025

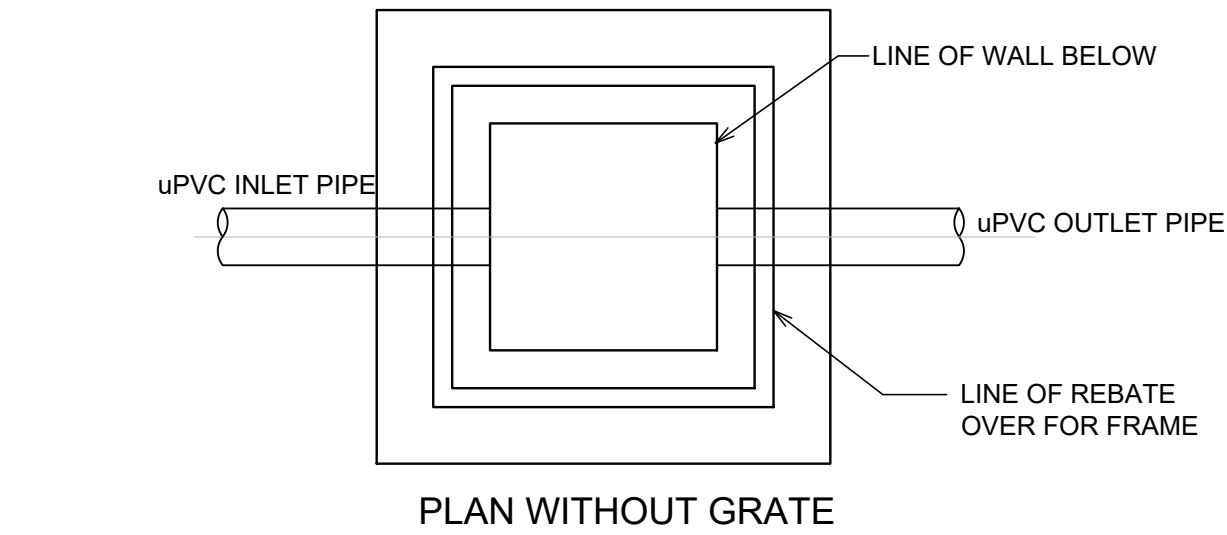
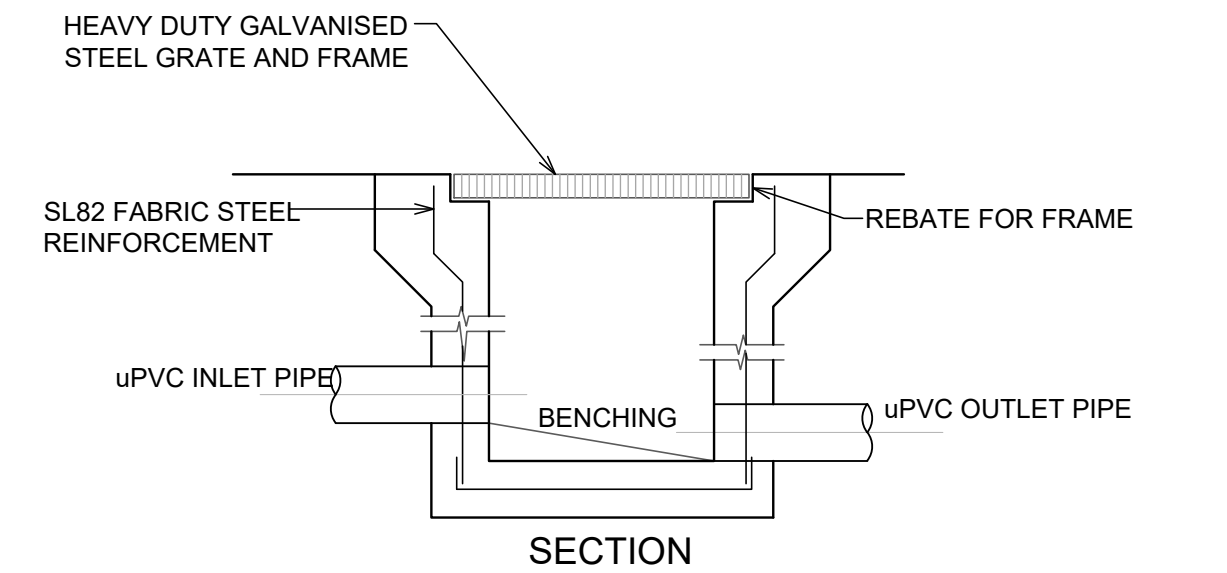
Scale at A2	Drawn LN	Approved BN
Job No C250709	Drawing No C100	Revision B



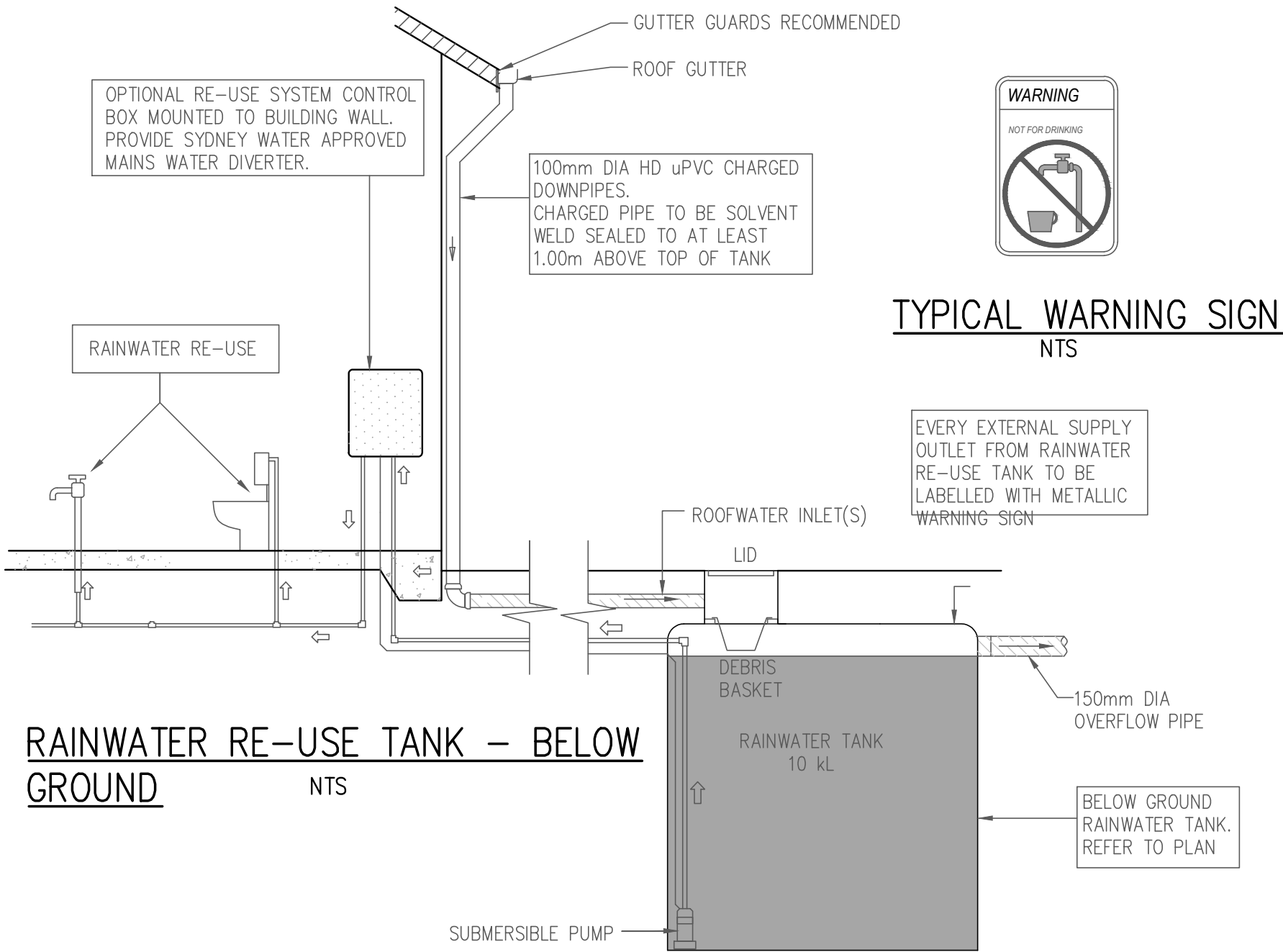
ROOF PLAN



FIRST FLOOR PLAN



STORMWATER PIT
SCALE 1:20



RAINWATER RE-USE TANK – BELOW GROUND
NTS

STORMWATER NOTES

LGA: GOULBURN MULWAREE COUNCIL
SITE AREA : 250 m²
THE PROPERTY IS NOT LOCATED WITHIN THE OSD MANDATORY ZONE.
10 kL RAINWATER HAS BEEN PROVIDED TO SATISFIED S3QM REQUIREMENT.

GENERAL NOTES

1. ALL PIPES TO BE LAID ON 75mm SAND BED WITH THE BARRELS FULLY SUPPORTED
- 100mm AND 150mm DIAMETER PIPES TO BE LAID ON MINIMUM 1% GRADE
- MINIMUM DEPTH OF COVER FOR PIPES NOT SUBJECT TO VEHICULAR LOADING TO BE 300mm
- ALL DRAINAGE PIPES LAID UNDER PAVEMENT SHALL BE REINFORCED CONCRETE WITH RUBBER RING JOINTS
- BACKFILL TRENCHES WITH COMPACTED SAND OR APPROVED AGGREGATE MATERIAL
- HEAVY DUTY GRATES AND COVERS ARE TO BE PROVIDED IN TRAFFICABLE AREAS
- PIT GRATE TO BE TYPE WELDLOK OR APPROVED EQUIVALENT
- ALL PITS SHALL BE PROVIDED WITH A LOCKING CLIP
- ALL PITS SHALL BE MAINTAINED REGULARLY
- TOP OF BENCHING SHALL BE TO THE HALF OF THE OUTLET PIPE DIAMETER
- Ø100mm SUBSOIL DRAINAGE PIPE 3000mm LONG WRAPPED IN FABRIC SOCK TO BE PROVIDED ADJACENT TO INLET PIPES
- COMPRESSIVE STRENGTH f_c FOR CAST IN SITU CONCRETE TO BE A MINIMUM OF 20MPa AT 28 DAYS
- PROVIDE CLEANING EYES TO ALL DOWNPIPES NOT DIRECTLY CONNECTED TO PITS
- ISOLATED JOINTS TO BE PROVIDED TO ISOLATE CONCRETE PAVEMENTS FROM PITS
- ALL TRENCH GRATES PROVIDED SHALL HAVE A MINIMUM CLEAR WIDTH OF 200mm
- STORMWATER DRAINAGE CONNECTIONS TO THE MAIN SYSTEM SHALL BE TO THE REQUIREMENTS AND THE SATISFACTION OF LOCAL COUNCIL

NOTE

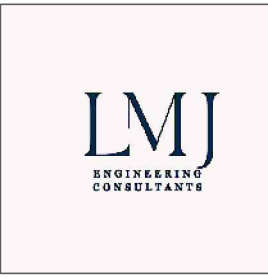
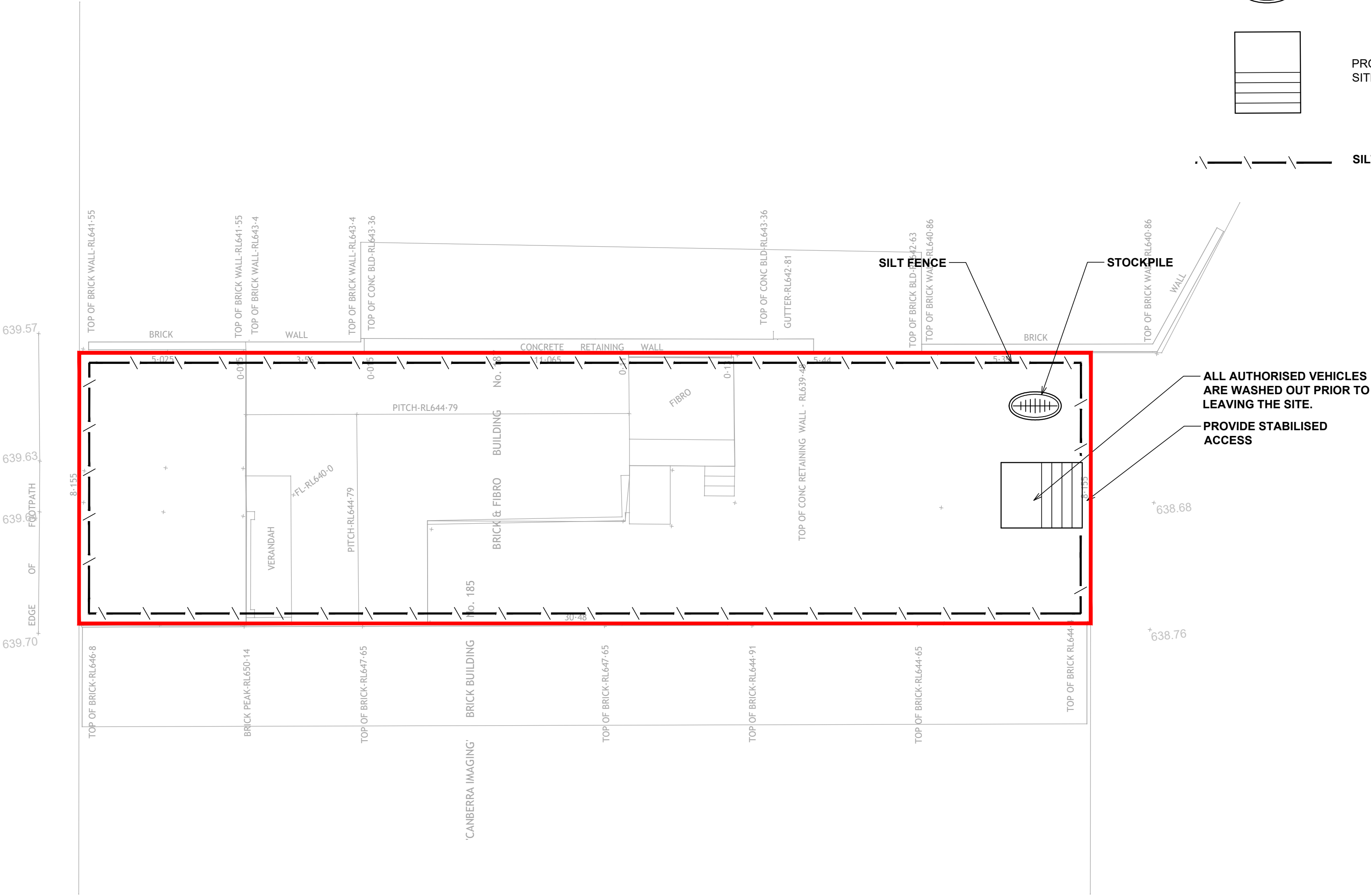
ALL DOWNPIPES ARE 100mm uPVC @ 1% FALL U.N.O.

Output Summary				
		Existing	Developed	
Catchment Characteristic:				
Imperviousness(%)		50.8%		100.0%
Water Usage:				
Storage Capacity (kL)		0.0 kL		10.0 kL
Demand (kL/yr)		157.7 kL/yr		157.7 kL/yr
Utilisation (%)		0.0%		89.02%
Efficiency (%)		0.0%		99.36%
Tank Spills		0.0 per Year		44.18 per Year
Catchment 1				
Urban		250.0		250.0
Agriculture		0.0		0.0
Forest		0.0		0.0
Treatment Train:				
Treated Loads / Flows		Load	Train Effectiveness (%)	Load Train Effectiveness (%)
Flow(ML)		0.3	0.0	0.25 39.6
TSS(kg/yr)		24.0	0.0	5.0 ✓ 39.6
TP (kg/yr)		0.056	0.0	0.032 ✓ 39.6
TN (kg/yr)		0.59	0.0	0.5 ✓ 39.6
Gross Pollutants (kg/yr)		2.5	0.0	0.0 ✓ 0.0
Note:				

LEGEND

- SITE BOUNDARY
- STOCKPILE
- PROPOSED STABILISED SITE ACCESS
- SILT FENCE

BOURKE STREET

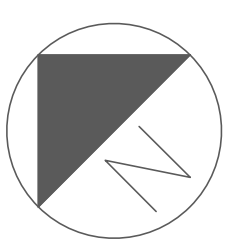


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**EROSION AND SEDIMENT
CONTROL PLAN**



B	ISSUE FOR DA	LN	HP	21.07.2025	
A	ISSUE FOR DA	LN	HP	09.07.2025	
Rev	Description	Eng	Draft	Date	

Scale at A2	Drawn LN	Approved BN
Job No C250709	Drawing No C300	Revision B



1. THIS DEVICE IS TO BE LOCATED AT ALL EXITS FROM CONSTRUCTION SITE.
2. THIS DEVICE IS TO BE REGULARLY CLEANED OF DEPOSITED MATERIAL SO AS TO MAINTAIN A 50mm DEEP SPACE BETWEEN PLANKS.
3. ANY UNSEALED ROAD BETWEEN THIS DEVICE AND NEAREST ROADWAY IS TO BE TOPPED WITH 100mm THICK 40-70mm SIZE AGGREGATE.
4. ALTERNATIVELY, THREE(3) PRECAST CONCRETE CATTLE GRIDS (AS MANUFACTURED BY "HUMES CONCRETE MAY BE USED. 1, 2 & 3 ABOVE ALSO APPLY."



1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
4. WHERE THEY ARE TO BE PLACED FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED E.S.C.P. OR S.W.M.P. TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
5. CONSTRUCT EARTH BANKS ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES 1 TO 2 METRES DOWNSLOPE.

SCALE N.T.S.

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		KENSIT ARCHITECTS								LN	BN
		Project							Job No	Drawing No	Revision
		187 BOURKE STREET, GOULBURN							C250709	C301	B
		B	ISSUE FOR DA	LN	HP	21.07.2025					
		A	ISSUE FOR DA	LN	HP	09.07.2025					
		Rev	Description	Eng	Draft	Date					