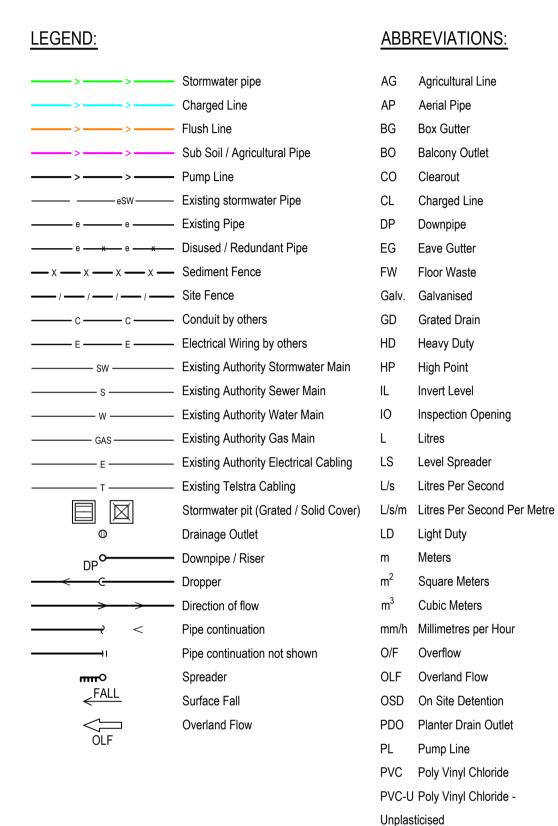
## 5 Roosevelt Avenue, Allambie Heights Concept Stormwater Drainage



## **GENERAL NOTES:** ABBREVIATIONS:

High Point

Litres

Meters

RH Rainwater Head

RL Reduced Level RWT Rainwater Tank RWO Rainwater Outlet

SW Stormwater Pipe TB Thrust Block

S Sump

RHS Rectangular Hollow Section

1. All work is to be performed in accordance with AS3500.3 and council codes where applicable.

2. The Plumber/ Drainer shall inspect the site and confirm the existing site structures, services and conditions prior to proceeding. If any discrepancies found, contact the engineer for further instructions.

3. All underground pipes shall be P.V.C-U. laid at min. 1:100, unless noted

4. All connections to P.V.C. pipes are to be solvent welded to manufacturers

5. All prefabricated pits, drains etc. are to be of heavy duty concrete construction unless noted other.

6. Precise location of down pipes shall be nominated by others. Locations shown are for hydraulic design purposes only.

7. Precise location of pits shall be nominated by others. Locations shown are for hydraulic design purposes only.

8. All eaves gutters shall be of minimum cross sectional area of 7800mm<sup>2</sup> unless noted otherwise.

9. This design covers the collection and disposal of rainwater from ROOF AREAS ONLY. Any paved areas not noted on the supplied architectural drawings are not included, unless shown.

10. This design does not cover sub surface hydraulic flows.

11. The installer is encouraged to use the 'Dial Before You Dig' service prior to excavation. No underground services have been noted or surveyed in this design. Dig at your own risk.

12. IF IN DOUBT ASK. Consult the design engineer for any changes, omissions and discrepancies.

13. System design has been produced to reflect reduced levels shown on

14. Pipe cover for uPVC pipes: a. Single dwellings, no vehicular loading - 100mm b. Single dwellings, vehicular loading without pavement - 450mm

c. Single dwellings, heavy vehicular loading on concrete - 100mm below d. Single dwellings, no vehicular loading on un-reinforced concrete/pavers 50mm below underside of concrete/pavers

e. Single dwellings, light vehicular loading on un-reinforced concrete/pavers -75mm below underside of concrete/pavers

15. Silt arrestor pit and rain guards must be regularly inspected and cleaned.

16. Location of Stormwater Systems, including downpipes, pipes, pits and rainwater tank are indicative only. Exact locations shall be determined on site to suit site conditions.

17. Sub-soil drains for retaining walls shall be installed by the builder and connected to Stormwater lines. All AG Lines shall be 100mm DIA, unless noted otherwise.

18. Levels are approximate only. The plumber/drainer shall confirm the levels prior to proceeding. If any discrepancies found, contact the engineer for further instructions.

19. Inspection and certification, if required, shall be done prior to backfilling, allow 48 hour notice for the engineer to carry out the inspection.

20. Any damage to services during construction shall be repaired immediately at the plumber/drainers own expense.

21. Areas & Geometry calculated are approximate and dependent on Surveyors & Architects drawings.

22. It is essential that areas calculated are within plus/minus 5% range.

23. Provide adequate access and overland flow routes out of property and

24. Provide minimum 75mm clearance under all gates and operable external doors as to not impede overland flow

25. Water entry and backflow into buildings should be prevented at all times

26. All finished ground surfaces should fall away from structures

27. Charged lines are to be flushed regularly and flush/arrestor pits are to be regularly inspected and cleaned

28. All pipes entering a water tank shall have a first flush device installed. First flush device is to be sized as per document "BASIX Interim Rainwater Harvesting Systems Guidelines".

29. All water tanks will be insect proofed by others

30. If tanked water is being reused for drinking or sanitary purposes, appropriate disinfecting by others should be considered.

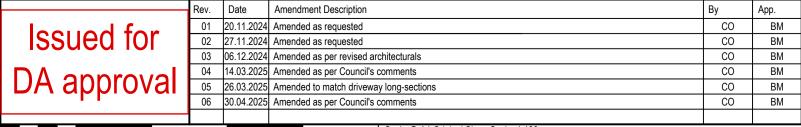
31. Schedule of calculations is based on plan areas

32. Plumber to provide 'leaf guard' or similar over all gutter, rainheads &

33. Atlantis Blockade or similar recommended to be installed in all underground pipes to prevent blockages forming in the pipes during the



LOCALITY PLAN Not to scale







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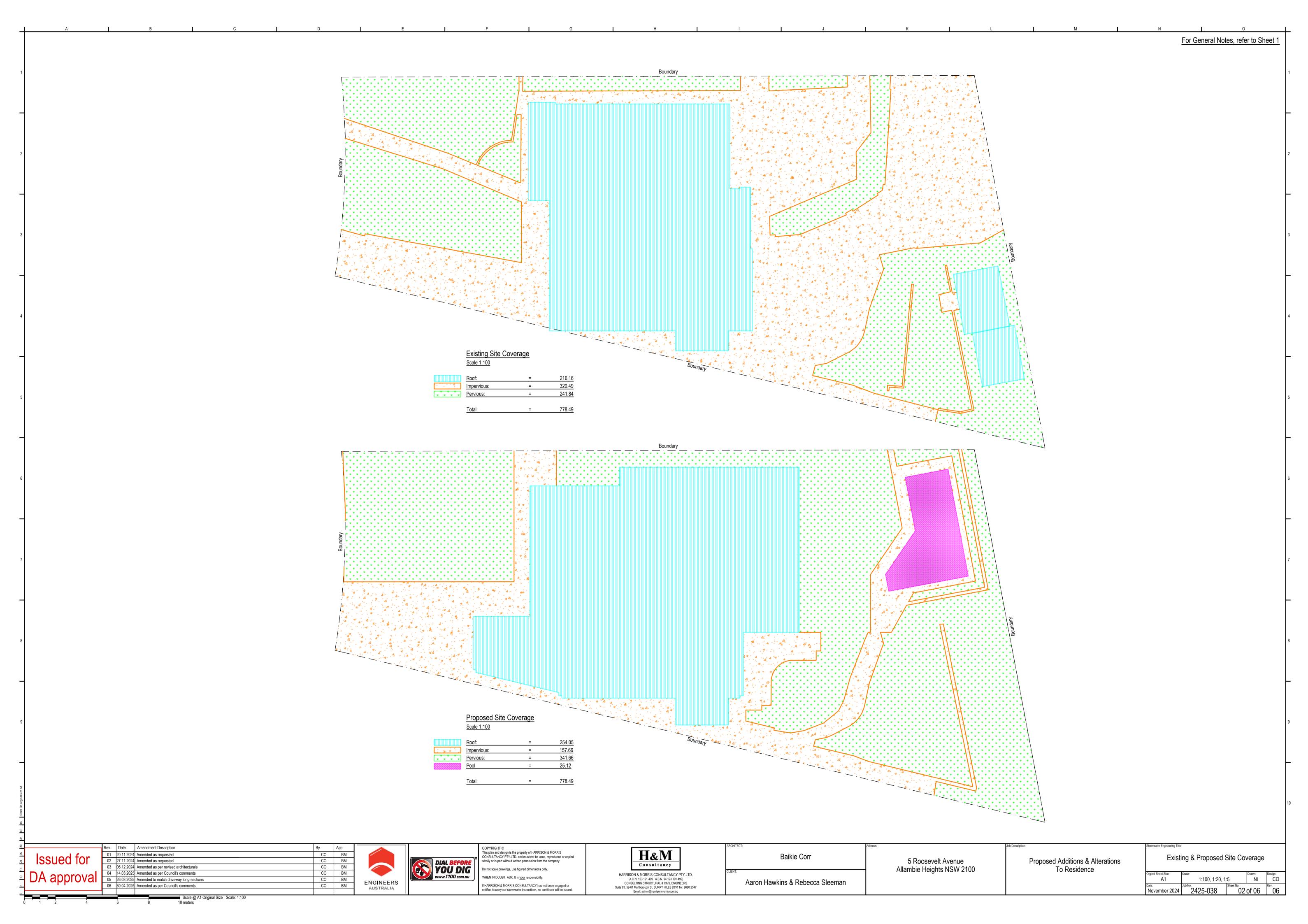
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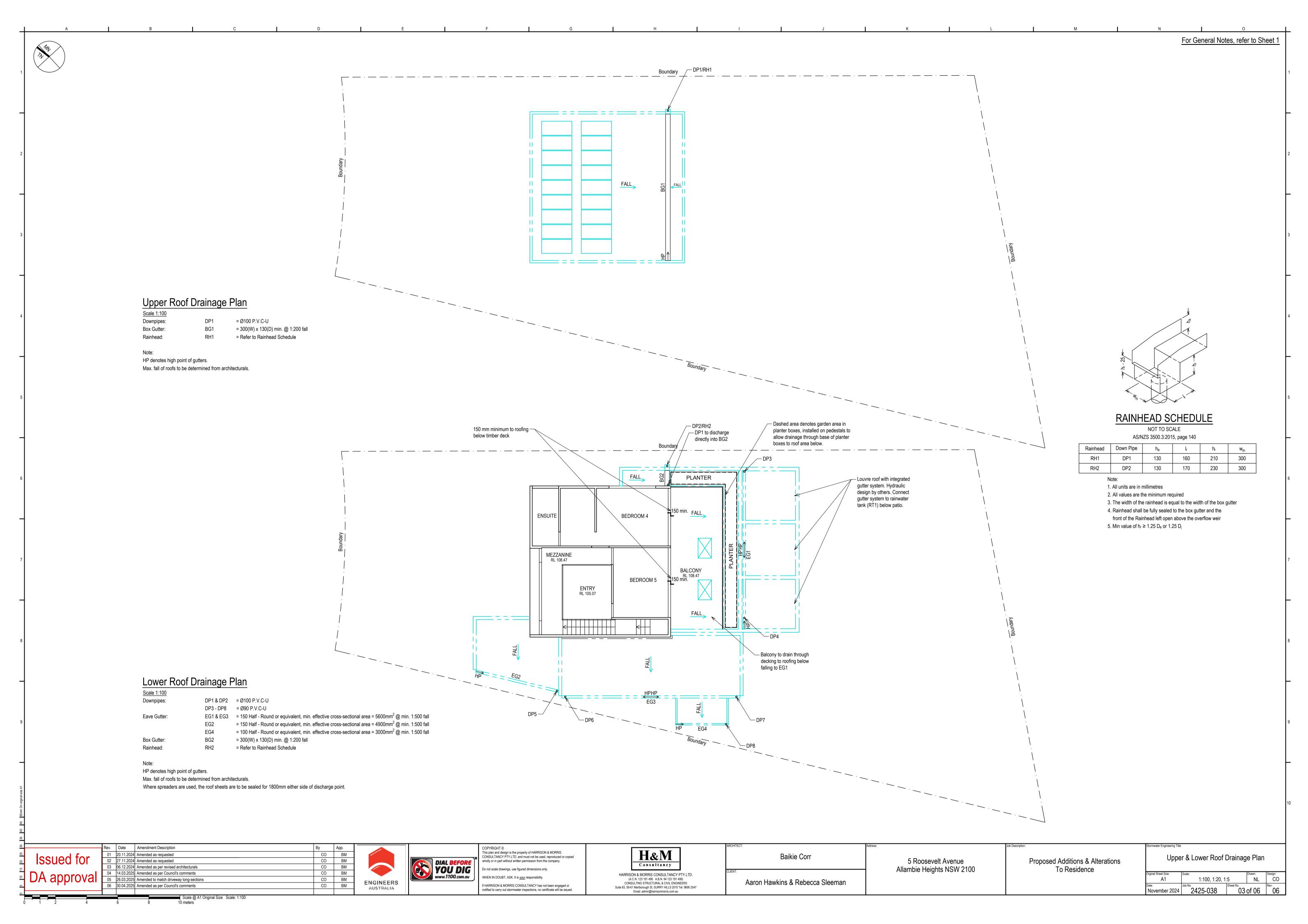
**Baikie Corr** Aaron Hawkins & Rebecca Sleeman

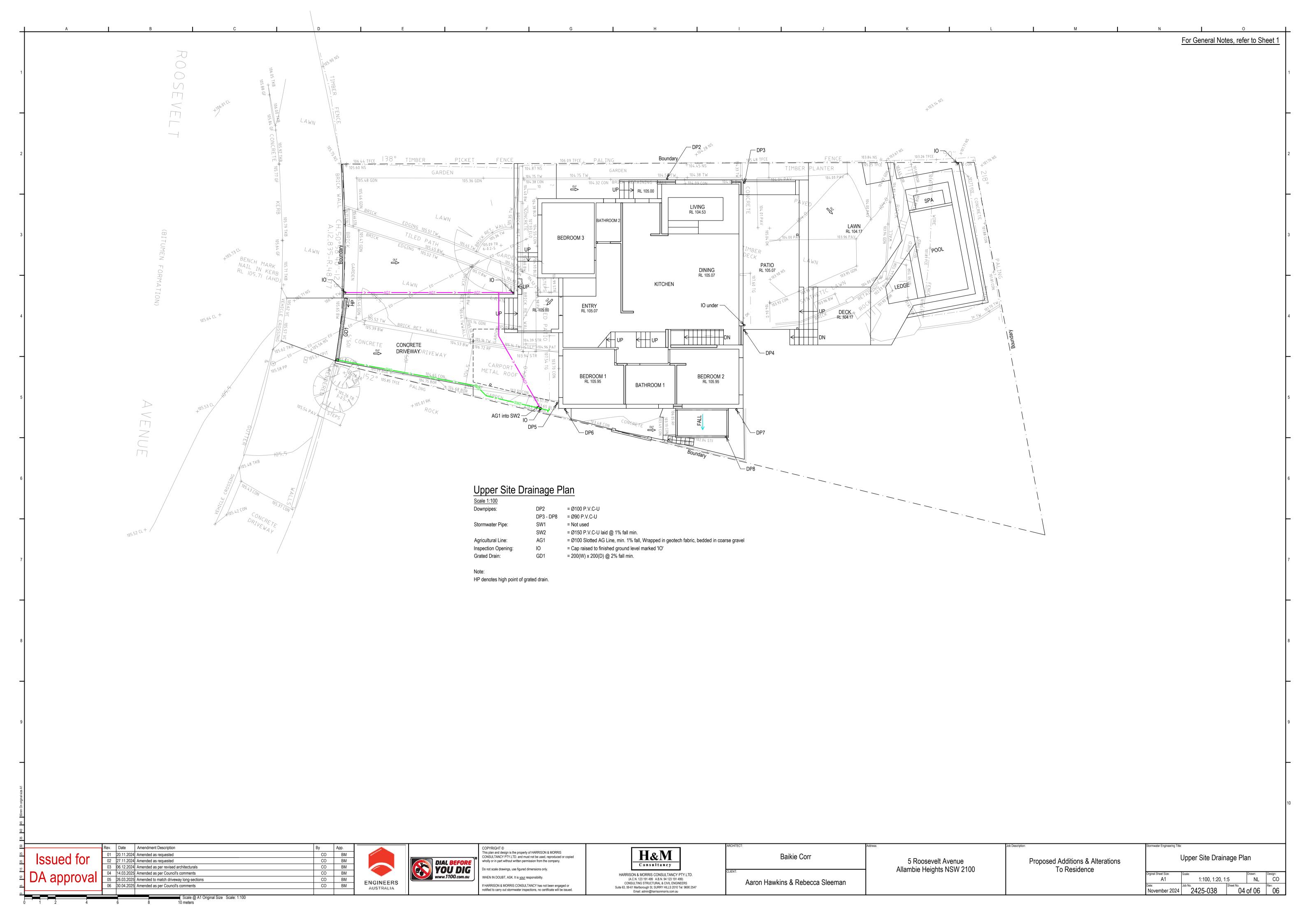
5 Roosevelt Avenue Allambie Heights NSW 2100 **Proposed Additions & Alterations** To Residence

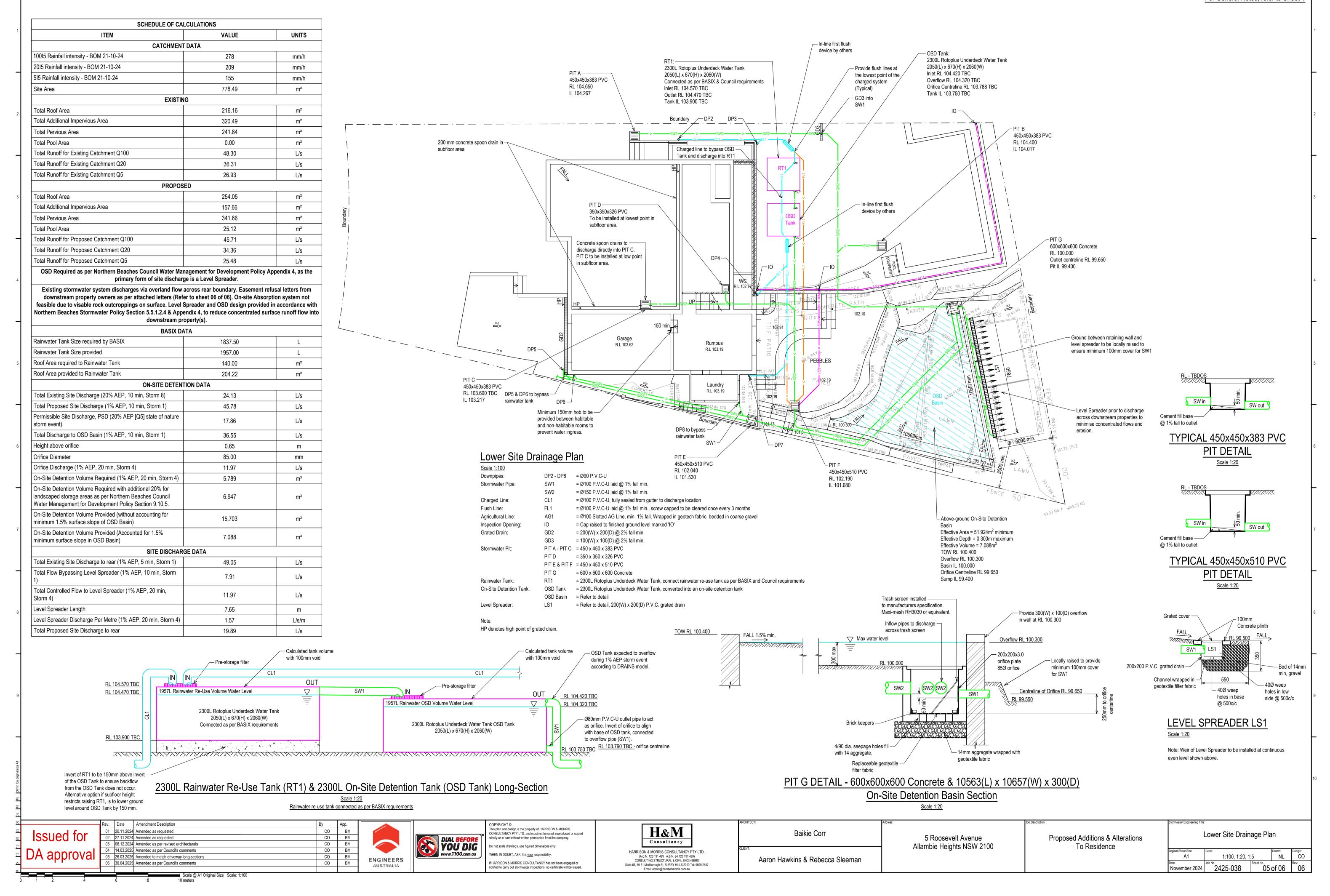
Concept Stormwater Drainage Project Information Sheet

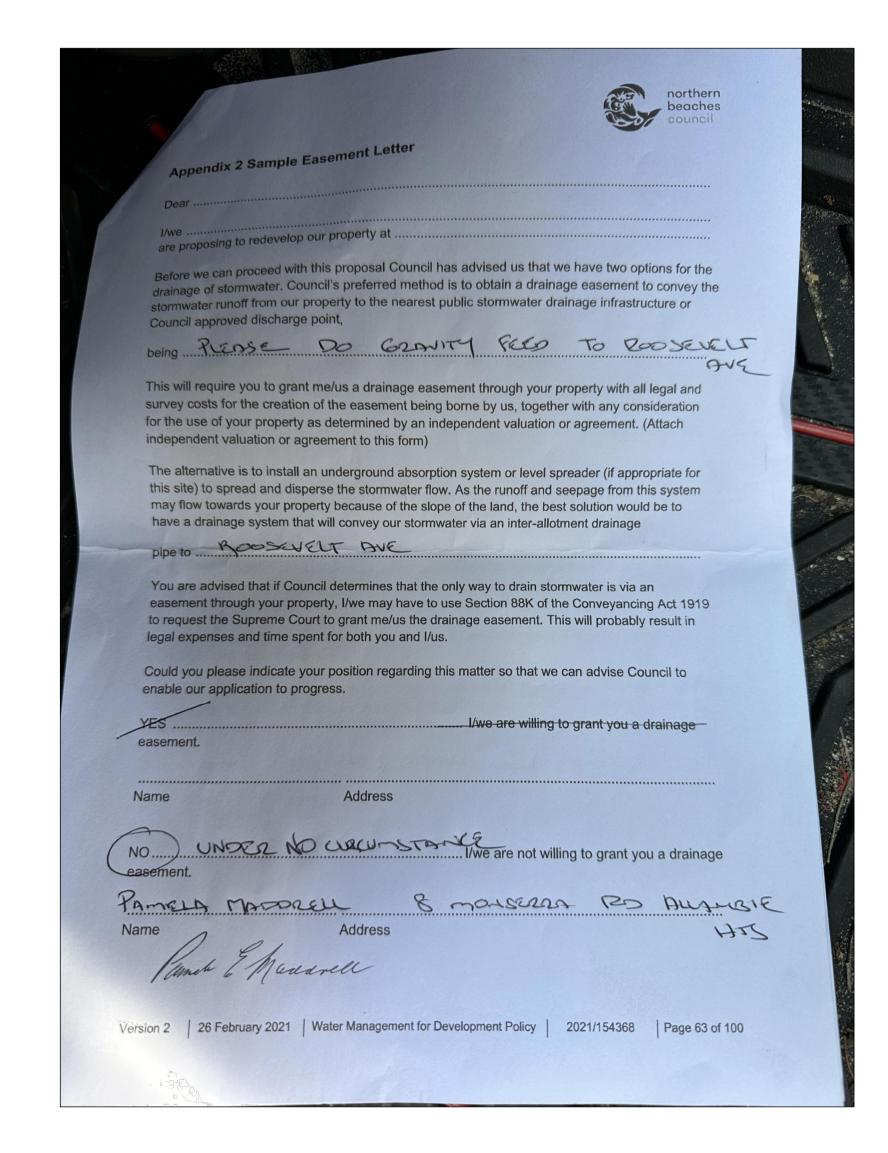
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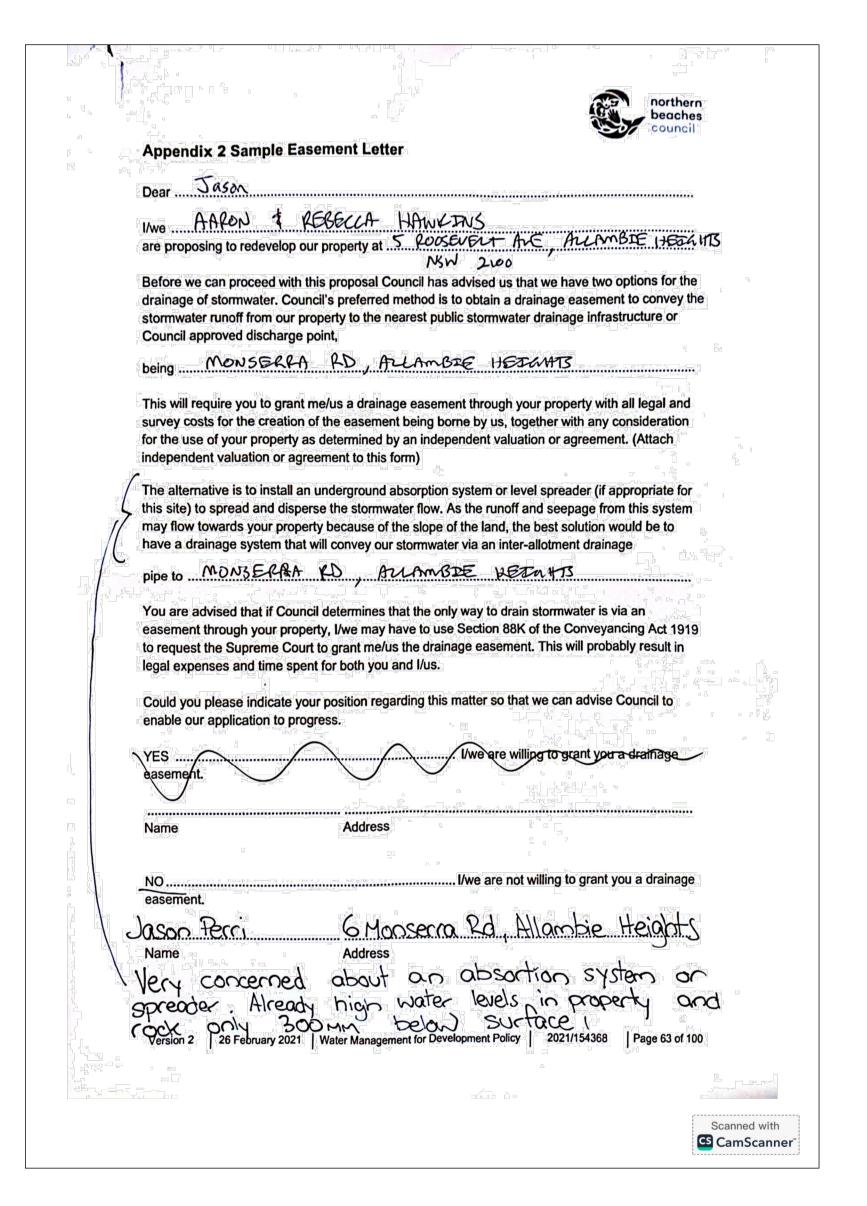
















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Baikie Corr

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Easement Refusal Letters

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