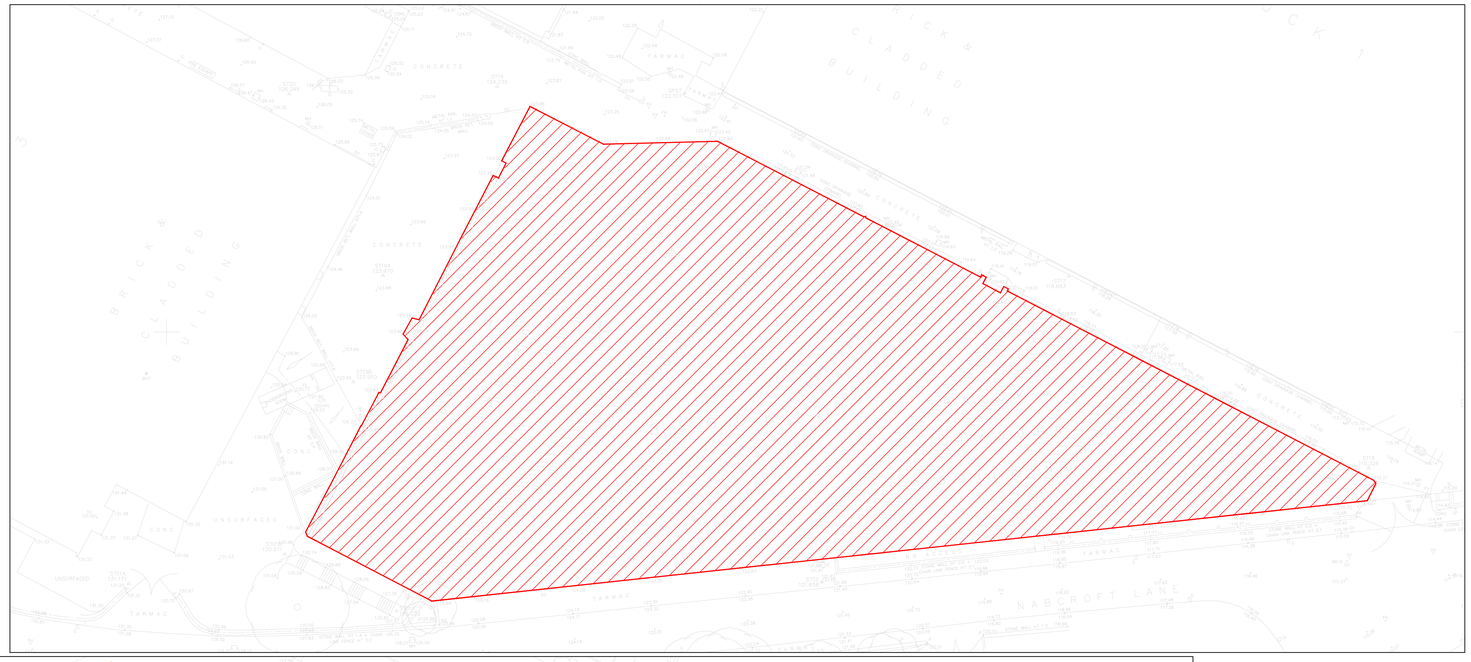
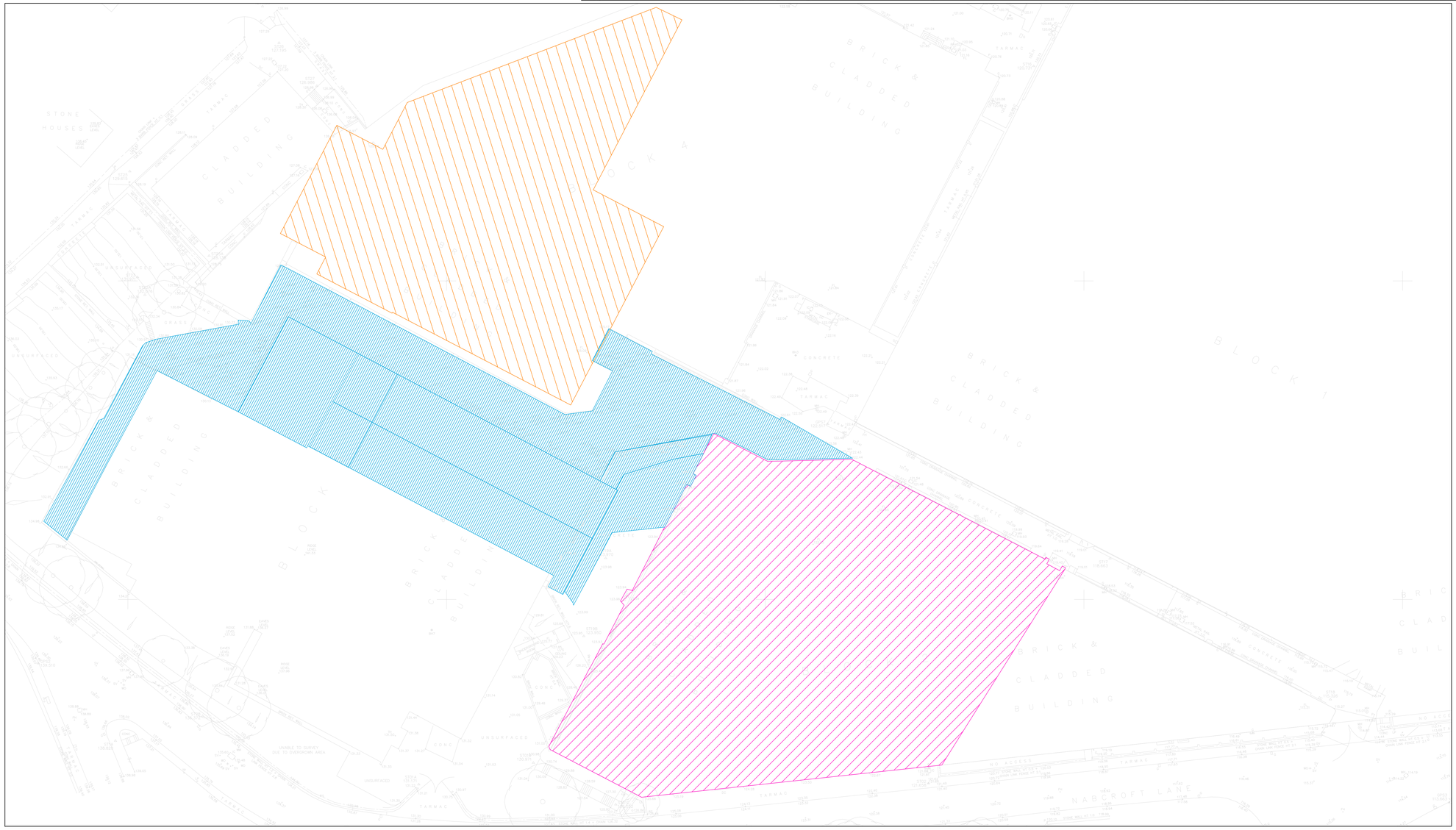
OS GRID REFERENCE
412970 , 415394
LEVELS RELATED TO OS BY CONNECTION TO THE OS ACTIVE NETWORK BY G.P.S.
ORIENTATION AT OS GRID NORTH.





Notes-

All dimensions are in millimetres unless noted otherwise

DO NOT SCALE THIS DRAWING - IF IN DOUBT ASK

1. All dimensions & levels to be checked by the contractor prior to commencement of work, any discrepancy shall be reported immediately to Avie Consulting Ltd
2. All work shall be carried out in accordance with Local Authority, statutory authority, health & safety requirements and regulations.
3. The drawings shall be read in accordance with all other contract documents relevant at that time of issue and during the period of the contract.
4. The contractor must ensure the overall stability of the works is adequate at all stages of the construction.
5. No allowance has been made for cutouts, holes, notches, etc. for services. All of these are to be agreed prior to the start of the works.

Existing Impermeable Areas Marine Assembly 4

3847.777m² - 0.385ha

Total Area: 3847.777m² - 0.385ha

2918.016m² - 0.292ha Extent of existing building to be demolished.

Existing Impermeable Areas Marine Assembly 1 (Ext)

2305m² - 0.231ha

Existing Impermeable Areas Marine Assembly 3

2095m² - 0.210ha

Existing discharge rate based on brownfield runoff rates.

Q = 2.78 x C x i x A

Q = 2.78 x 1.0 x 50 x 0.385 = 53.5L/s

Proposed Discharge rate - 53.5 L/s minus 30% reduction = 37.46/s

Therefore considering the following information:-

Marine Assembly 4 Phase 1 discharge rate = 37.46/s / total site area x extent of existing building to be demolished.

Q = 37.46 / 0.385 x 0.292 = 28.39L/s

Q = 28.39L/s + 22.4L/s (Marine Assembly 1 discharge rate) = 20.4L/s (Marine Assembly 3 discharge rate) = 71.3L/s

Rev	Details	By	Chk	Date
P01	Additional impermeable areas added for Phases 1 ext and Phase 3. Drawing Number amended.	T.C.	T.C.	12.07.2023
P00	Initial issue	T.C.		19.01.2023

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Client:
David Brown Santasalo

Project:
Marine Assembly 4

Title:
Existing Impermeable Areas Plan

Drawn:	Checked:	Date:	Scale:	Original dwg size:
T.C.	S.A.B.	Sept 2022	1:250	A0

Drawing Number: DBS-AVE-00-XX-DR-C-1005
Rev: P01