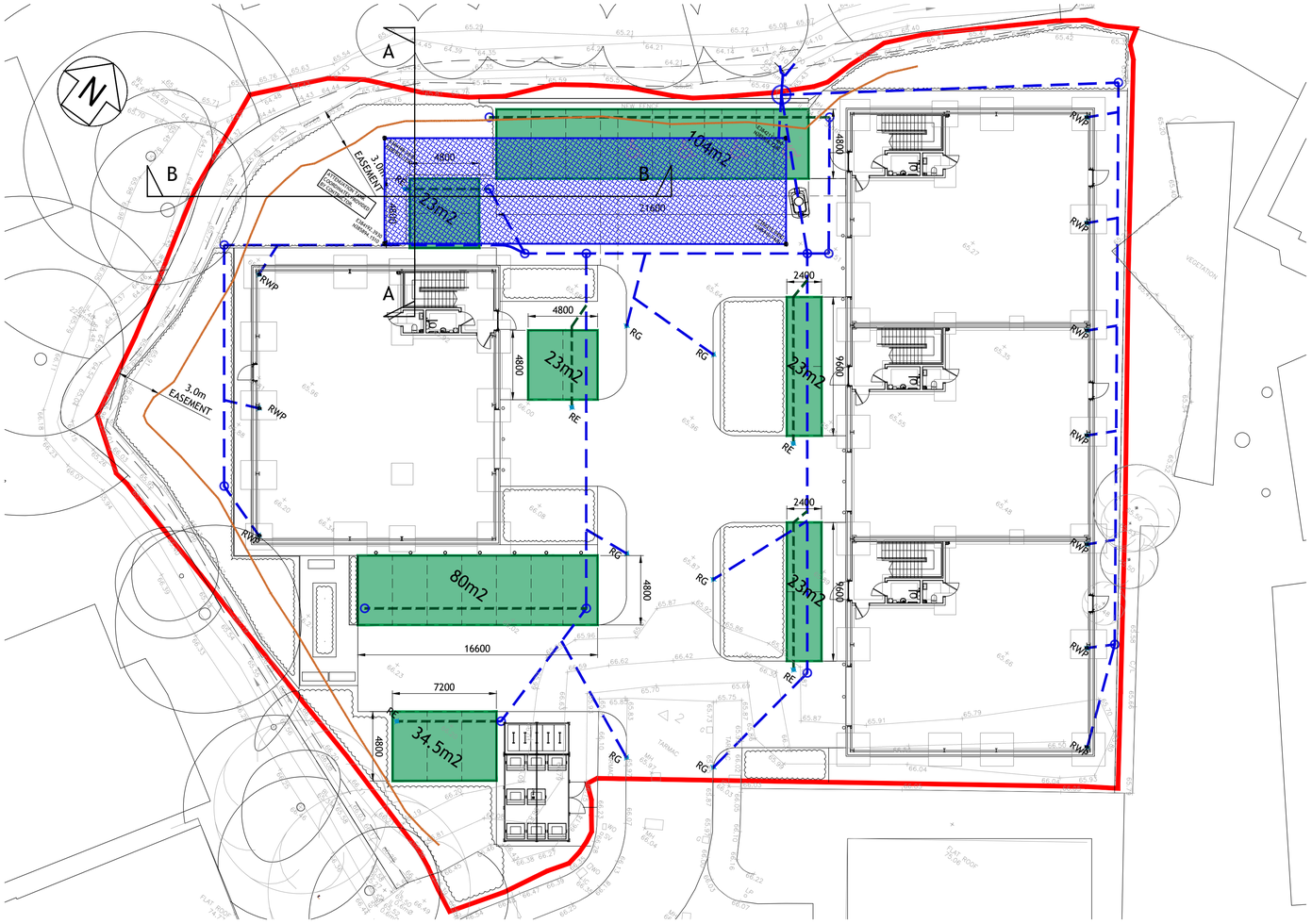
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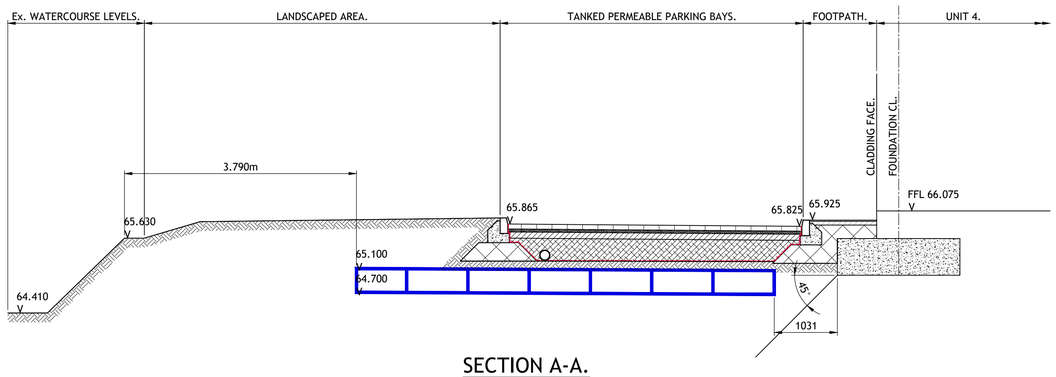


Legend

- PROPOSED SURFACE WATER DRAIN.
- PROPOSED SURFACE WATER PPIC.
- RG — PROPOSED TRAPPED ROAD GULLY.
- BIG — PROPOSED BACK INLET GULLY.
- PROPOSED SURFACE WATER CELLULAR ATTENUATION SYSTEM.
- PROPOSED TANKED PERMEABLE BLOCK PAVING WITH FILTER DRAIN.

Notes

1. THIS DRAWING IS THE COPYRIGHT OF TIER CONSULT LTD AND CANNOT BE REPRODUCED IN ANY FORM WITHOUT WRITTEN CONSENT FROM THE COMPANY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S, ENGINEER'S AND SPECIALIST'S DRAWINGS TOGETHER WITH THE APPROPRIATE SPECIFICATION.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNO, FOR THE PURPOSES OF CONSTRUCTION THIS DRAWING MUST NOT BE SCALED AND ONLY WRITTEN DIMENSIONS USED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER IN WRITING.
4. ALL LEVELS ARE IN METRES UNO & TO OS DATUM.
5. THE WORKS SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING SPECIFICATION.
6. THE LOCATION LINE & LEVEL OF ALL KNOWN EXISTING DRAINAGE PIPEWORK INDICATED ON THE DRAWINGS ARE APPROXIMATE AND FOR GUIDANCE PURPOSES ONLY.
7. CONNECTION TO THE EXISTING PUBLIC SEWERS WILL BE SUBJECT TO THE RELEVANT APPROVALS FROM THE STATUTORY UNDERTAKER.
8. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THEIR EXACT LINE AND LEVEL, BY WAY OF HAND EXCAVATED TRIAL PITS, PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS ON SITE. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS AND MAINTAIN THE STRUCTURAL INTEGRITY OF ALL ABOVE AND BELOW GROUND SERVICE INSTALLATIONS.
9. THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THROUGHOUT THE DURATION OF THE CONTRACT A FULL TRAFFIC MANAGEMENT SYSTEM TO ENSURE SAFE PASSAGE OF VEHICLES/PEDESTRIANS IN THE VICINITY OF THE WORKS. ALL TRAFFIC SIGNS, SIGNALS, BARRIERS ETC. SHALL BE IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.
10. THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR DEALING WITH AND DISPOSING OF GROUND/SURFACE WATER ENCOUNTERED DURING EXCAVATIONS
11. ALL SOFT / HARD PAVED AREAS AFFECTED BY THE WORKS SHALL BE FULLY REINSTATED FOLLOWING THE INSTALLATION OF ALL DRAINAGE WORKS. ALL SURFACE MARKINGS AFFECTED BY THE WORKS SHALL BE FULLY REINSTATED.
12. ALL SURPLUS EXCAVATED MATERIAL SHALL BE DISPOSED IN A DESIGNATED AREA ON SITE.
13. UPON COMPLETION OF THE WORKS THE CONTRACTOR SHALL PROVIDE AS BUILT SETTING OUT CO-ORDINATE AND LEVEL INFORMATION.
14. PIPEWORK WITH LESS THAN 750mm OF COVER IN TRAFFICKED AREAS TO BE CONCRETE ENCASED. (BEDDING CLASS Z)
15. PIPEWORK WITH MORE THAN 750mm OF COVER TO HAVE CLASS S GRANULAR BED AND SURROUND.
16. POLYPROPYLENE INSPECTION CHAMBERS OF 500Ø >1.2m DEEP TO BE FITTED WITH A REDUCED ACCESS FITTING.
17. SOIL STACKS - WHERE SOIL STACKS SERVE MULTIPLE STOREYS THE STACK REST BEND IS TO BE MINIMUM 750mm BELOW THE LOWEST BRANCH CONNECTION.
    WHERE SEPARATE STACKS ARE PROVIDED FOR GROUND FLOOR, REST BENDS MAY BE 450mm MINIMUM BELOW THE LOWEST CONNECTION.
18. SVP CONNECTIONS TO BE 100mm DIA UNO.
19. ALL FO AND RWP LOCATIONS TO BE TO BE COMPLETE WITH A LOW LEVEL ACCESS PLATE FOR RODDING.
20. WHERE PROPOSED DRAINAGE PIPEWORK RUNS ARE IN CLOSE PROXIMITY TO THE NEW FOUNDATIONS, THE CONTRACTOR SHALL ALLOW FOR EXTENDING THE DEPTH OF NEW FOUNDATIONS IN LEAN MIX CONCRETE DOWN TO THE PROPOSED PIPE BEDDING LEVEL.
21. THE HYDRAULIC DESIGN HAS BEEN CARRIED OUT IN ACCORDANCE WITH 'CIRIA REPORT C753 THE SuDS MANUAL' AND THE HYDRAULIC DESIGN OF PIPELINES AND OTHER CONDUITS HAS BEEN CARRIED OUT IN ACCORDANCE WITH 'BS EN 16933-2'.



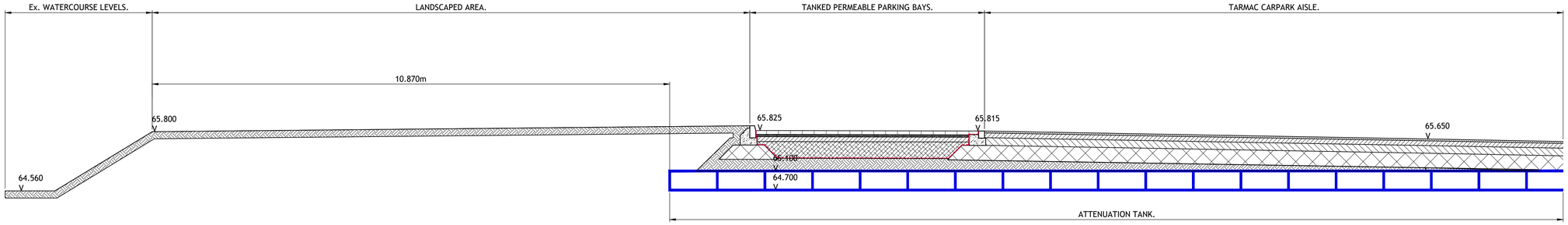
SECTION A-A.

SCALE: 1:50.

PERMEABLE BLOCK PAVING CONSTRUCTION.
- 80mm PERMEABLE BLOCK PAVING.
- 50mm CLEAN STONE (2-6mm)
- PERMEABLE GEOTEXTILE.
- 100mm AC20 DENSE BASE 100/150 WITH 75mm PUNCHED HOLES SPACED OUT AT 750mm CENTRES & HOLES TO BE FILLED WITH 4/20mm CLEAN STONE.
- 350mm THICK SUB-BASE DfT TYPE 1x.
- 1 LAYER OF TENSAR TX160 AT FORMATION LEVEL.

TARMAC FOOTPATH.
- 20mm THICK AC 6 DENSE SURF 100/150.
- 60mm THICK AC 20 DENSE BASE 100/150.
- 300mm THICK SUB-BASE DfT TYPE 1.
- 1 LAYER OF TENSAR GEOGRID TX160.

TARMAC ACCESS ROAD.
- 40mm THICK SMA 10 SURF 40/60.
- 100mm THICK AC 32 DENSE BINDER 100/150.
- 150mm THICK AC 32 DENSE BASE 100/150.
- 350mm THICK SUB-BASE DfT TYPE 1.
- 1 LAYER OF TENSAR TX160 AT FORMATION LEVEL.



SECTION B-B.

SCALE: 1:50.

Rev	Date	By	Description	Chk	App
F1	15.05.2024	CCF	ASBUILT ISSUE	CCF	PJB

Status: ASBUILT

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Client:

Project: ASHBROOK MOSS NOOK.

Title: PLAN AND SECTIONS THROUGH SURFACE WATER ATTENUATION TANK.

Scale	Drawn	Revision
1:250@A1 UNO.	C.C.FITTON	F1
Date	Checked	
07.11.2023	W.N.LLOYD	

Drawing No : T_21_2463-CIV-SK-01

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