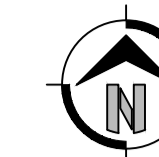


GENERAL NOTES

1. This drawing is to be read in conjunction with and checked against all other drawings, engineering details, specifications and any structural, geotechnical or other specialist document provided.
2. Any discrepancies within all relevant drawings are to be reported to QuadConsult Ltd immediately.
3. All dimensions and levels are in metres, U.N.O..
4. Do not scale from this drawing - use figured dimensions only.
5. This drawing is schematic for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.
6. block paved construction (permeable and non permeable) to be laid in accordance to manufactures recommendations and Interpave specification.
7. Private drainage to be installed in accordance with warranty providers specification.
8. Adopted foul drainage to be installed in accordance with SFA7th Addition and Welsh Water specification.
9. Adopted Highway to be installed in accordance with CCC specification.

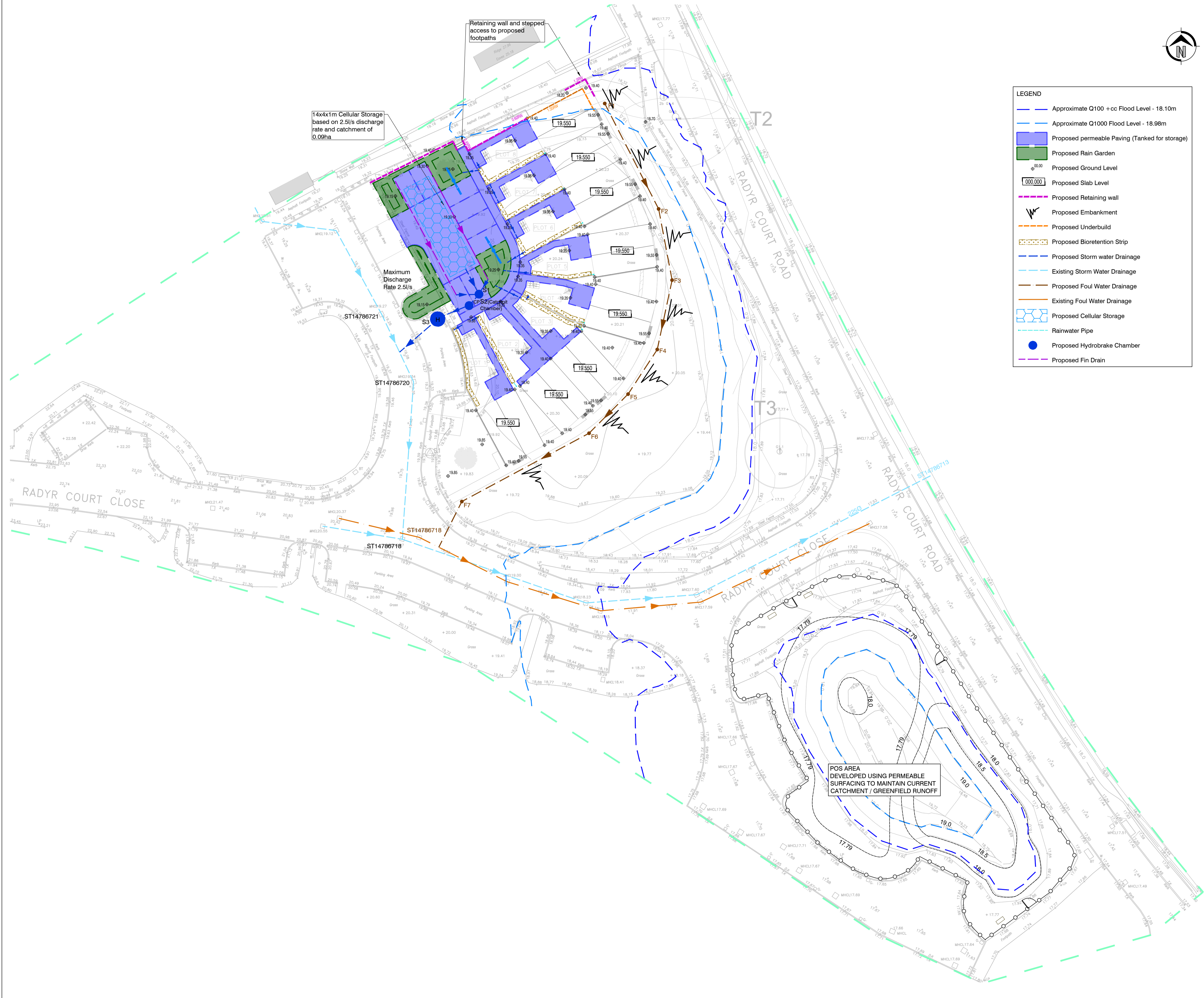


LEGEND

- Approximate Q100 + cc Flood Level - 18.10m
- Approximate Q1000 Flood Level - 18.98m
- Proposed permeable Paving (Tanked for storage)
- Proposed Rain Garden
- Proposed Ground Level
- 000.000 Proposed Slab Level
- Proposed Retaining wall
- Proposed Embankment
- Proposed Underbuild
- Proposed Bioretention Strip
- Proposed Storm water Drainage
- Existing Storm Water Drainage
- Proposed Foul Water Drainage
- Existing Foul Water Drainage
- Proposed Cellular Storage
- Rainwater Pipe
- Proposed Hydrobrake Chamber
- Proposed Fin Drain

EXISTING & PROPOSED FLOOD WATER STORAGE VOLUMES

Existing Site -	5352m ³ storage to 1000 year level - 18.98m 1439m ³ storage to 100 year level - 18.10m
Proposed Site -	5848m ³ storage to 1000 year level - 18.98m 1523m ³ storage to 100 year level - 18.10m



14x4x1m Cellular Storage based on 2.5l/s discharge rate and catchment of 0.09ha

Retaining wall and stepped access to proposed footpaths

Maximum Discharge Rate 2.5l/s

POS AREA DEVELOPED USING PERMEABLE SURFACING TO MAINTAIN CURRENT CATCHMENT / GREENFIELD RUNOFF

Rev	Date	Description	By
H	23.05.23	Minor Amendments	ML
G	23.05.23	Revised to match updated layout	KE
F	21.11.22	Revised following comments	ML
E	29.09.22	Amended following SAB comments	ML
D	11.08.22	Retaining walls modified and southern area added	GS
C	25.07.22	Text removed from plan	GS
B	22.07.22	Updated to suit new architect layout	GS
A	21.04.22	Updated to suit new architect layout	GS

Dimensions to be verified on site.
This drawing should not be scaled. Use figured dimensions only.
Any discrepancies should be referred to the Engineer prior to work being put in hand.
This drawing is copyright.

QuadConsult Limited
Columbus House, Village Way
Gowermeadow Business Park
Cardiff
CF15 7NE
029 2077 9644
contactus@quadconsult.co.uk
www.quadconsult.co.uk

Client:
TAI WALES AND WEST HOUSING

Project:
RADYR COURT
Title:
ENGINEERING LAYOUT

Drawing Status: PLANNING				
Designed by	Drawn by	Checked by	Date	Scale @ A1 size
RWP	RWP	SPM	FEB 2022	1:250
Drawing No 21599-SK-001-H				