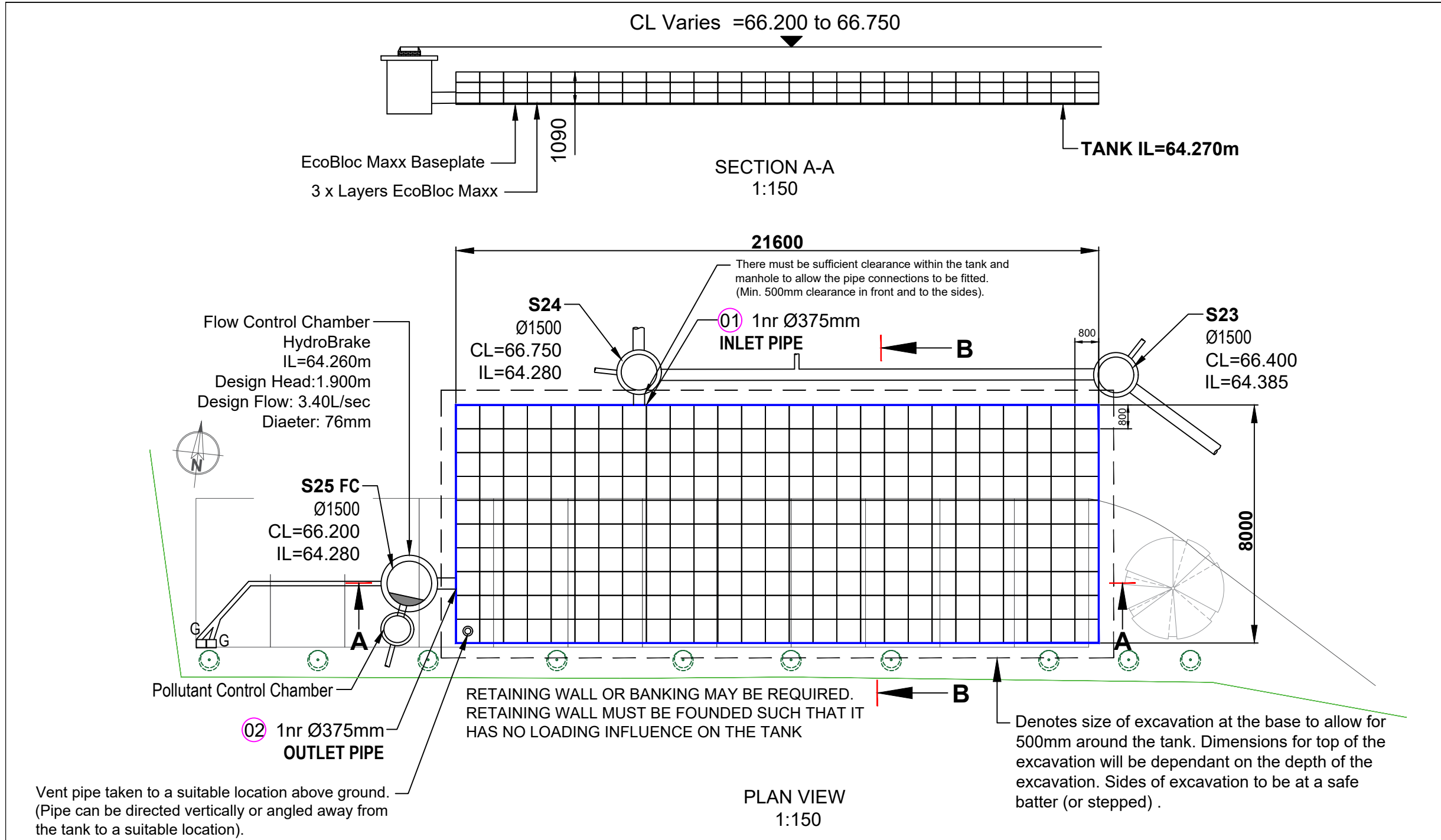
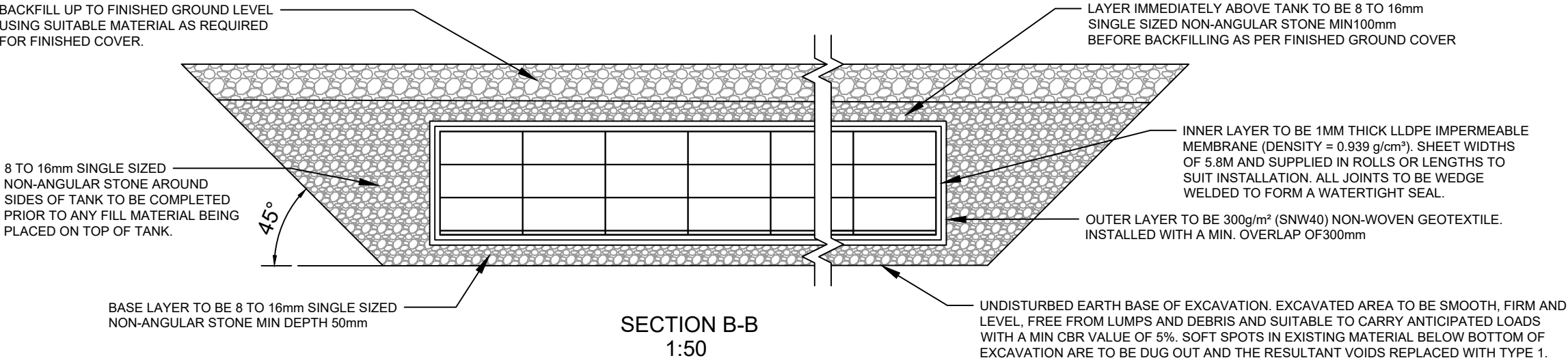




NOTE: EXCAVATION TO EXCEED TANK SIZE BY 500MM ON ALL SIDES TO ALLOW FOR ACCESS



THIS DOCUMENT IS SUPPLIED IN STRICT CONFIDENCE AND MUST NOT
BE LENT, REPRODUCED OR DISCLOSED TO ANY THIRD PARTY WITHOUT
THE WRITTEN CONSENT OF GRAF UK LIMITED

DO NOT SCALE - IF IN DOUBT ASK

- NOTES:-
1. Proposed Graf UK Ltd Layout.
 2. All dimensions in mm unless otherwise stated.
 3. All temporary and enabling works by others.
 4. Membrane specification 1.0mm LLDPE, density 0.939g/cm³.
 5. Geotextile specification - SNW40, density 300 g/m².
 6. This design assumes there is no ground water present.
 7. The attenuation tank must be vented to a suitable location
above ground and it is recommended to have one Ø110mm
vent pipe for every 7,500m² of impermeable catchment area.

Tank Size:
21.6m x 8m x 1.09m = 188.35m³ (Gross)
@ 96%Void Ratio = 180.81m³ (Net)

Based on the levels provided on this drawing the
proposed tank will be suitable up to 30,000kg vehicle
loading in accordance CIRIA C680 guidelines.

MAXX CRATES(402200) =810nr
MAXX BASE PLATES(402201) =270nr
MAXX END PLATES(402203) = 111nr (SETS OF 2)
ECOBLOC CONNECTORS (402025) =1509nr
ADAPTOR PLATE (AP-110MM) Ø100mm PIPE=1nr
ADAPTOR PLATE (APTW-375MM) Ø375mm PIPE =2nr

Qty cut is rounded up to the next 5m

Membrane
GTLLDPE-1MM 493m² = 5.8m x 85m

Geotextile - SNW40
TERREX-SNW40 540m² = 4m x 135m

C FRAMES REQUIRED

Approval by:

Name:

Signature: Date:

This drawing has been produced from CCS Consulting
No.23-2405 202 Rev P4 Below Ground Drainage Layouts Sheet 2 of 2

P1	PRELIMINARY FOR APPROVAL	AP	03.07.23
REV.	DESCRIPTION	BY	DATE

FOR APPROVAL

GRAF GRAF UK Limited

Graf UK Limited | Regen House | Beaumont Road | Banbury | OX16 1RH
T: 01608 661500 F: 01295 211333
E: info@grafuk.co.uk www.grafuk.co.uk

DRAWN : AP DATE : 03.07.2023
CHECKED : MC SCALE : VARIOUS@A3

PROJECT:
LEVENSHULME ROAD GORDON

DESCRIPTION
**ATTENUATION TANK
using GRAF ECOBLOC MAXX**

DRAWING No. Levenshulme Rd Gordon_001
REV. P1