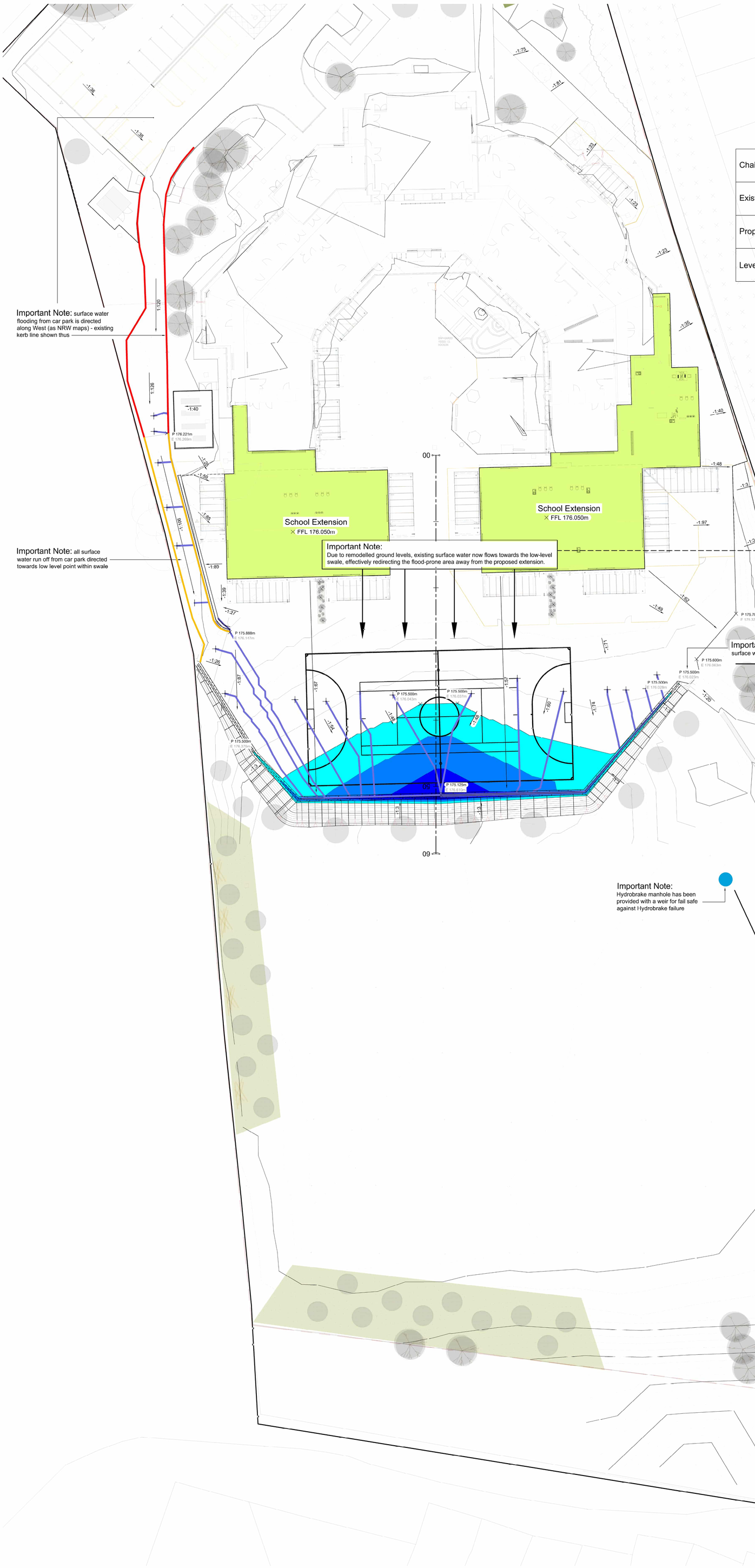
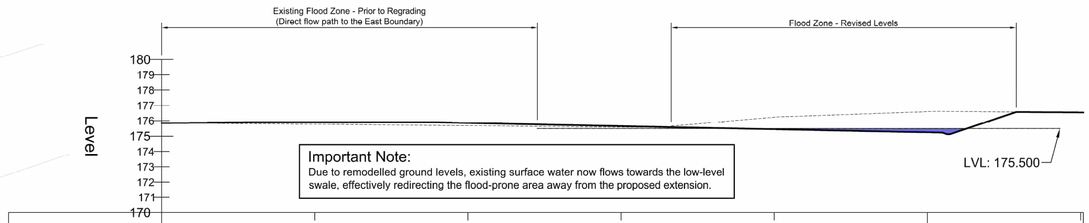
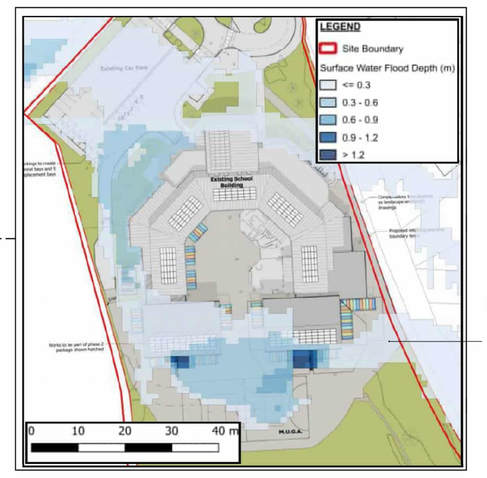




Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.181 60.000
Existing Levels	175.848	175.784	175.689	175.588	176.233	176.596	176.540 176.542
Proposed Levels	175.864	175.900	175.858	175.653	175.449	175.250	176.540 176.541
Level Difference	0.016	0.116	0.168	0.065	-0.783	-1.346	0.000 0.000

FLOOD LEVEL - 175.500M - LONGSECTION
SCALE: H 1:200,V 1:200. DATUM: 170.000



Important Note:
current/existing levels directed surface water to the East without any above ground storage

Existing Surface Water Flood General Arrangement
0.1% AEP + CC (Year 2120) Event - Surface Water Flood Depth

Drainage Key

- *Proposed Surface Water Manhole*
- *Surface Water Flow Path*
- *Existing Kerb Line*
- *Proposed Kerb Line*

SURFACE LEVEL DATA					
NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR	AREA	VOLUME
1	0.00	0.10		296.177m2	35.983m3
2	0.10	0.20		164.334m2	12.504m3
3	0.20	0.30		47.618m2	2.201m3
4	0.30	0.40		6.367m2	0.196m3

Total: 50.7m³

Important Note:
A total volume of 50.7m³ of surface water is attenuated above ground, in excess of the underground storage capacity. This volume must be exceeded before any surface water runoff breaches the swale and flows eastward.

Proposed Surface Water Flood General Arrangement
(Scale 1:250)

Client: **Wrexham County Borough Council**	Project: **Proposed Extension - Ysgol I.D. Hooson**	Drawing Title: **Existing and Proposed Surface Water Levels**	Drawing Number: **IDH-ENA-XX-XX-D-C-5666**				
			Purpose of Issue: **Preliminary**				
			Revision: **P1**	P1	20.06.25	DRB	DRB	***Preliminary*** - Drawing Issue
			Status: **S4**	Rev	Date	Drn	Chk	Details

Eng Assist
STRUCTURAL AND CIVIL ENGINEERING ASSISTANCE
Phone : **07763993213**
Email : **dave.barwell@engassist.co.uk**
Website : **engineeringassist.co.uk**