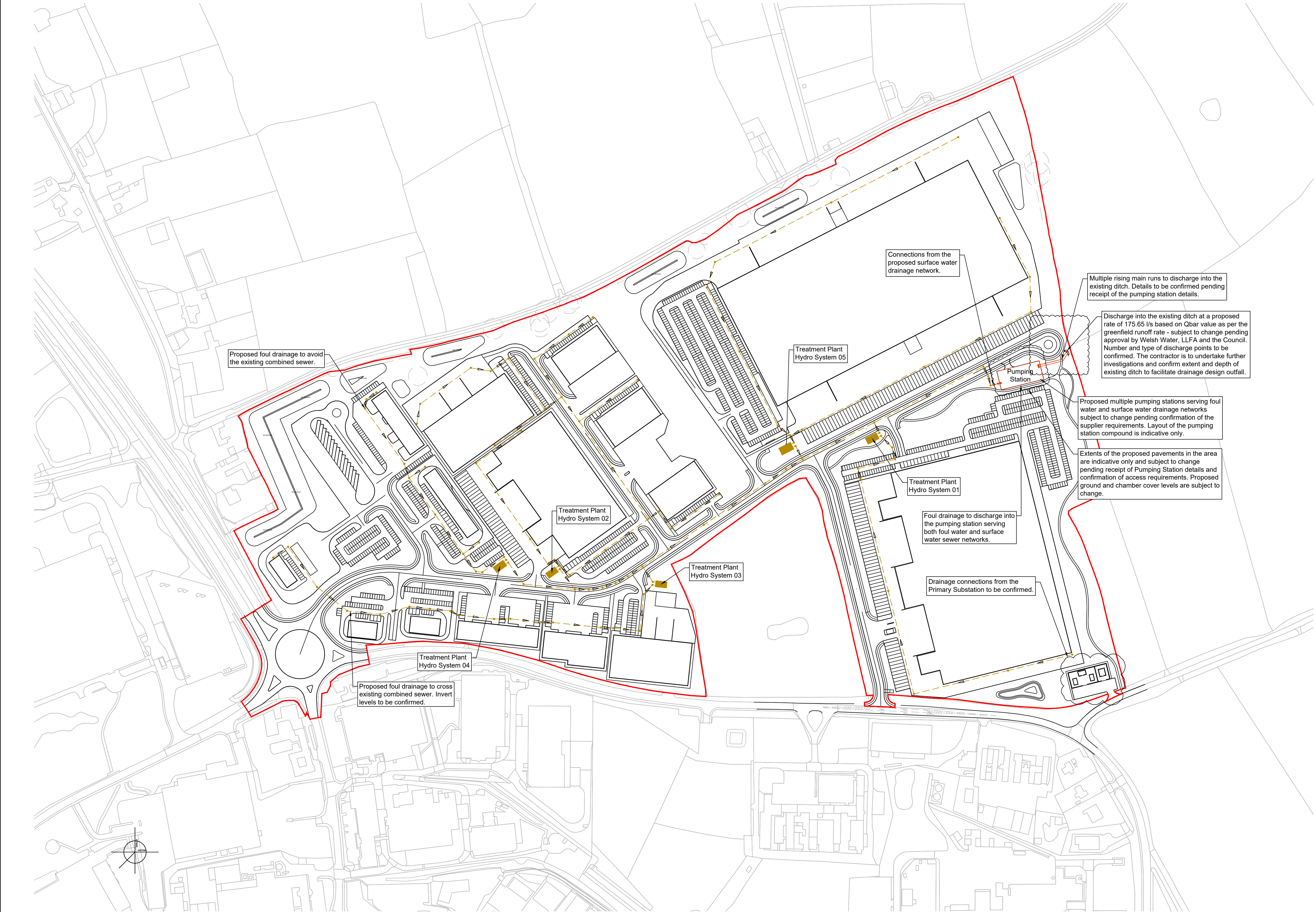


Treatment Plant (TP) Footprint												
Hydro System	Unit	GIA Area (m2)	Zone	Classification	Planning Status	Total People	PE	TP Width (m)	TP Length (m)	TP Footprint (m ²)	Effluent Phosphate Target (mg/L)	Max Discharge Rate (m ³ /d)
System 1	Unit 2	33177	D	B2	Detailed	922	576	7	13	91	<0.7	46.1
System 2	Units 3-7	22194	B	B2	Detailed	616	385	6.5	12	78	<0.7	30.8
System 3	Units 14-16	6052	B	B2	Detailed	169	105	6.5	12	78	<0.7	8.4
System 4	Hotel, Units 8-10	4132	A	Hotel and A2	Outline	384	540	7	13	91	<0.7	75
System 5	Unit 1	43602	B	B2	Outline	1211	757	8	14	112	<0.7	60.6
System 3 (E)	PFS, DT 1-2, Units 11-13	3726	A	A2/A1	Outline	170	435	Inc System 3	Inc System 3	Inc System 3	<0.7	18.2



Notes

- Unless otherwise stated, all dimensions are in metres.
- Any discrepancies to be immediately reported to the Engineer.
- The drainage design for the area applied for in full is provided for approval, with the drainage design for the area applied for in outline provided for illustrative purposes (not for approval).
- This drawing is to be read in conjunction with all relevant Civil Engineering drawings, reports, calculations and other documentation including but not limited to:
 - For surface water drainage refer to drawing no.: "T-21-2486-55-02_Proposed Surface Water Drainage Strategy" and all documents as referred to in the notes of the above drawing.
 - For foul water drainage layouts refer to drawings no.: "T-21-2486-55-31_Proposed Foul Water Drainage-Layout-Sheet 01" to "T-21-2486-55-38_Proposed Foul Water Drainage-Layout-Sheet 08".
 - "T-21-2486-55-91_Proposed Drainage Details-Sheet 01" and consecutive drainage details sheets.
- Proposed foul water drainage network is subject to change during further design stages.

Key:

- Red line boundary.
- Existing combined sewer.
- Proposed foul water drainage.
- Proposed Hydro system treatment plant.
- Pumping Station
- Proposed pumping station.
- Proposed combined sewer.
- Proposed combined sewer rising main.

P07	12.01.2024	FJB	Updated to include Unit 02 substation.	WL	PJB
P06	06.11.2023	FJB	Update to notes.	WL	PJB
P05	24.10.2023	FJB	Updated to the latest site layout.	WL	PJB
P04	30.06.2023	FJB	Update to notes and drawing presentation.	WL	PJB
P03	15.06.2023	FJB	Update to the red line boundary.	WL	PJB
P02	01.06.2023	FJB	Updated to include treatment plants.	WL	PJB
P01	12.05.2023	FJB	First issue.	WL	PJB

Rev	Date	By	Description	Chk	App
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PLANNING

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**Bryn Lane, Wrexham,
Wrexham Industrial Estate, Phase 2**

Title
Proposed Foul Water Drainage Strategy

Scale 1:500@A1	Drawn F.J.BEDNARSKI	Revision P07
Date 12.05.2023	Checked W.N.LLOYD	

Drawing No :
T_21_2486-55-01