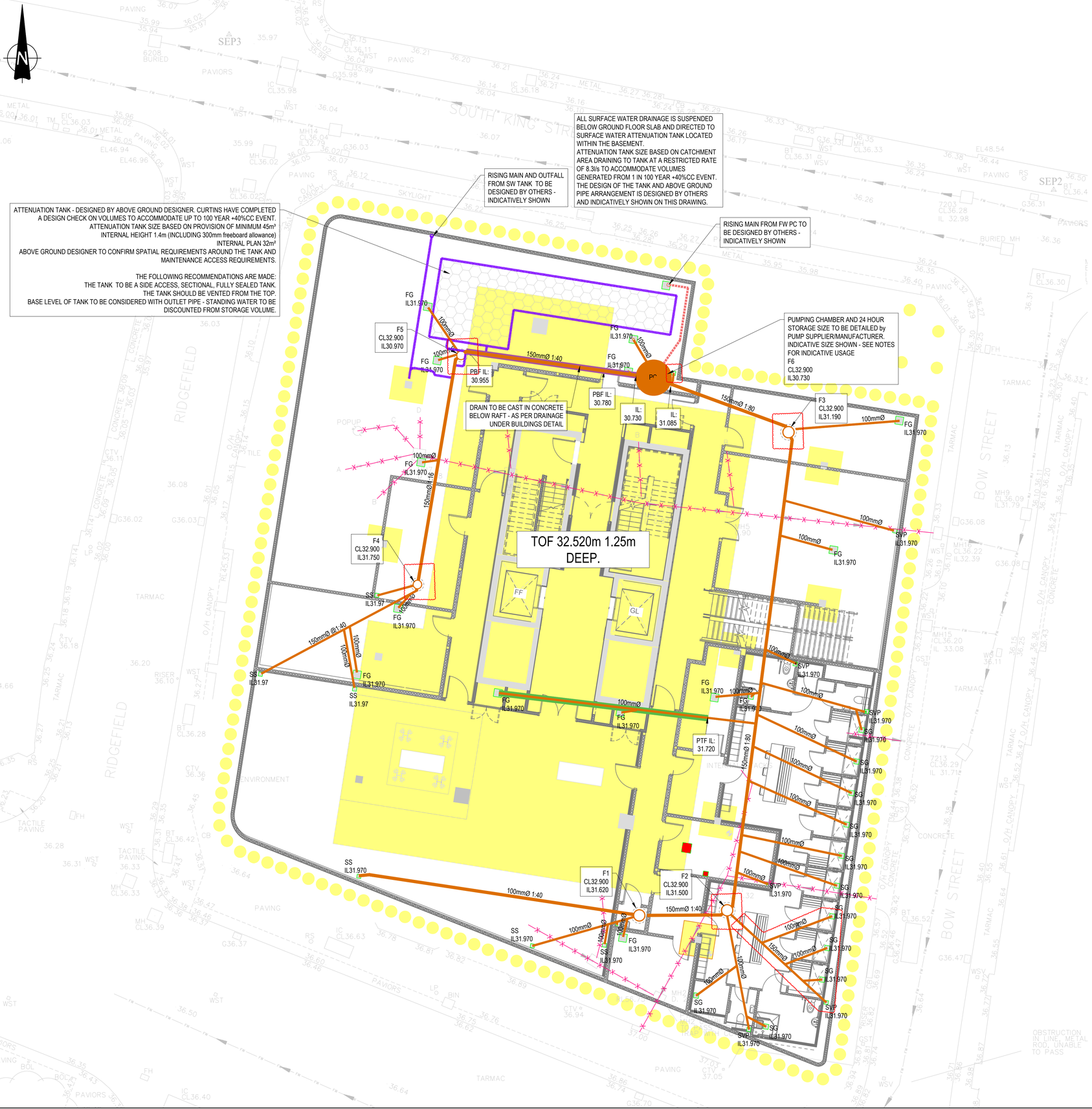


KEY:

- SITE BOUNDARY
- PROPOSED OWNERSHIP BOUNDARY
- EXISTING DRAINAGE
- EXISTING DRAINAGE TO BE ABANDONED
- PROPOSED PRIVATE FOUL DRAIN — SizeØ
- PROPOSED PRIVATE SURFACE DRAIN — SizeØ
- PROPOSED FOUL DRAINAGE TO BE CAST INTO RAFT FOUNDATION
- PROPOSED DRAINAGE TO BE CAST IN CONCRETE BELOW RAFT FOUNDATION
- PROPOSED SURFACE WATER ATTENUATION TANK TO BE DESIGNED BY OTHERS (INDICATIVELY SHOWN)
- PROPOSED SW RISING MAIN/OUTFALL BY OTHERS (INDICATIVELY SHOWN)
- PROPOSED FOUL PUMP CHAMBER BY OTHERS (INDICATIVELY SHOWN) — PC
- FOUL RISING MAIN BY OTHERS (INDICATIVELY SHOWN)
- PROPOSED FOUNDATIONS
- ARCHITECT SLAB OPENING

GENERAL NOTES:

1. FOR NOTES PLEASE SEE CURTINS DRAWING: TIS-CUR-XX-ZZ-DR-C-5230_DRAINAGE NOTES

FOUL PUMPING & STORAGE

FLOWS TAKEN FROM BRITISH WATER COP CHAPTER 3

PUMPED VOLUMES WILL BE BASED ON OCCUPANCY NUMBERS USING THE BASEMENT FACILITIES - TO BE CONFIRMED BY THE ARCHITECT/CLIENT.

ASSUMPTIONS: SHOWER, TOILET AND CHANGE FACILITY BASED ON CYCLIST USE - 70No.

SHOWERS:
CYCLE STORAGE HAS A CAPACITY FOR APPROX. 70;
ASSUMING FULL USE AND ALL SHOWER (AM ONLY)
WATER USE 40L/ USE.
VOLUME = 2,800 LITRES (2.8m³)

TOILETS:
ASSUMING USE AS PER SHOWERS (70)
WATER USE 10L/ USE.
VOLUME = 700 LITRES (0.70m³).

NO ALLOWANCE MADE FOR FLOOR GULLIES - IT IS ASSUMED THAT ANY WASHDOWN WOULD BE TEMPORARILY SUSPENDED DURING A PERIOD OF PUMP OUTAGE.

NOTE:
THE ASSUMPTIONS ABOVE HAVE BEEN USED AS CONFIRMED INFORMATION HAS NOT BEEN PROVIDED TO CURTINS. THE CONTRACTOR/ CLIENT AND PUMP DESIGNER SHOULD SATISFY THEMSELVES THAT THE ASSUMPTIONS ARE SUFFICIENTLY ROBUST.

FOUL

THE DESIGN RESPONSIBILITIES FOR THE FOUL PUMP SYSTEM ARE AS STATED BELOW:-

- PUMPING STATION DESIGN AND SPECIFICATION - **MANUFACTURER/SUPPLIER.**
- PUMPING STATION CIVIL WORKS - **MAIN CONTRACTOR.**
- SITE LAYOUT AND PUMPING STATION LOCATION - MAIN CONTRACTOR.
- PUMPING STATION INSTALLATION - **MANUFACTURER/SUPPLIER.**
- RISING MAIN, BREAK CHAMBER AND OUTFALL DESIGN AND SPECIFICATION - **MANUFACTURER/SUPPLIER.**
- RISING MAIN, BREAK CHAMBER AND INSTALLATION - **MAIN CONTRACTOR.**
- FABRICATION AND CONSTRUCTION DRAWINGS - **MANUFACTURE/SUPPLIER.**
- REVIEW OF LAYOUT AND LEVELS TO COMPLY WITH DRAINAGE DESIGN - **MAIN CONTRACTOR'S DESIGN (CURTINS).**
- REQUIREMENTS FOR APPROVAL OF PUMP STATIONS - **MANUFACTURE/SUPPLIER.**
- ACCEPTANCE AND APPROVAL FROM CONSTRUCTION - **MAIN CONTRACTOR**.
- APPROVAL OF TESTING REGIME - **MAIN CONTRACTOR.**

OTHER DISCIPLINE DRAWING REFERENCES

THE DESIGN OF THIS SCHEME HAS BEEN DESIGNED IN ACCORDANCE WITH THE BELOW DRAWINGS AND INFORMATION.

ARCHITECTS DRAWING REF:
TIS-CPA-ZZ-00-DR-A-2100_C02 RECEIVED 16.02.23

M&E DRAWING REF:
AWAITING REVISED POP UP DRAWING
ARCHIECTS SLAB OPENING DRAWING USED:
TIS-CPA-ZZ-B1-DR-A-2100_C06 RECEIVED 23.02.23

FOUNDATION LAYOUT:
REVIT DWG EXPORT 22.12.22

CCTV SURVEY REPORT AND DRAWING BY LAYER SURVEYS MARCH 2020

TOPOGRAPHICAL SURVEY BY SURVEY & ENGINEERING PROJECTS MARCH 2020

CONSTRUCTION RECORD - FINAL CONSTRUCTION

THE INFORMATION IS BASED ON CONFIRMATION FROM THE CONTRACTOR OF THE INSTALLED WORKS. THERE MAY BE VARIATIONS ON SITE WHICH ARE NOT REFLECTED ON THIS DRAWING AND HAS NOT BEEN VERIFIED BY CURTINS.

Rev:	Description:	Date:	By:	Chkd:
C06	FINAL CONSTRUCTION ISSUE	13.08.24	CG	CG
C05	UPDATED TO NEW MH LOCATIONS & B1 POP UPS	01.03.23	CG	CG
C04	UPDATED TO SUIT NEW B1 POP UPS	20.02.23	CG	CG
C03	MANHOLES F1 & F2 MOVED	10.01.23	CG	CG
C02	STAGE 5 UPDATE	25.11.22	CS	MW
C01	STAGE 5	30.08.22	CS	CG
P02	STAGE 3	23.06.21	CS	CG
P01	ISSUED FOR PLANNING	26.03.21	CG	CG

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Status: FINAL CONSTRUCTION

Project: THE ISLAND SITE MANCHESTER

Drg Title: PROPOSED DRAINAGE LAYOUT BASEMENT

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	26.03.21	CG	CG	CG
Scale: 1:250				

Project No:	Originator:	Volume:	Level:	Type:	Role:	Category / Number:	Rev:
TIS	- CUR -	XX -	B1 -	DR -	C -	5200	- C06

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