STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
2. THIS DRAWING SHOULD NOT BE SCALED.
3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A.E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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NOTES

1. OS BASE PROVIDED BY FCB, RECEIVED 12.02.25.
2. PROPOSED LAYOUT PROVIDED BY PLANIT, RECEIVED ON 27.07.26 REFERENCE 18704-PLA-XX-XX-D-L-0001 P04
3. RWP, SVP & SS POSITIONS BASED ON PDF MARK-UPS PROVIDED BY TACE, RECEIVED ON 15.05.26. REFER TO DRAWINGS 18704-TAC-AB-GF-D-P-5201, 18704-TAC-EC-GF-D-P-5201, 18704-TAC-EC-GF-D-P-5201 FOR INFORMATION.
4. TOPOGRAPHICAL SURVEY IS TAKEN FROM M D OLIVER & CO DRAWING NUMBER 13162/001/C/1 REV C DATED 09.06.25

KEY

- SITE BOUNDARY
- PROPOSED SW / FW / CW MANHOLE
- PROPOSED SW / FW INSPECTION CHAMBER
- PROPOSED SW RODDING EYE
- PROPOSED SW FLOW CONTROL MANHOLE
- PROPOSED SW SOLID WALL DRAIN
- PROPOSED FW DRAIN
- EXISTING SW SEWER
- EXISTING FW SEWER
- PROPOSED CHANNEL DRAIN
- PROPOSED SW PERFORATED PIPE
- PROPOSED PERMEABLE PAVING 300mm SUB-BASE
- PROPOSED ATTENUATION TANK
- PROPOSED CONCRETE BOX CULVERT
- 2.0m UU EASEMENT
- BACKDROP CONNECTION

DRAWING NOTES

1. THE FOLLOWING ASSUMPTIONS HAVE BEEN MADE TO SET THE DEPTH OF FOUL WATER DRAINS AND RWPS AT THIS STAGE. DEPTH OF ALL RUNS AND NUMBER OF ICs SUBJECT TO FURTHER DESIGN DEVELOPMENT ONCE SUBSTRUCTURE STRATEGY IS CONFIRMED AND POSITION AND NUMBER OF POP UPS IS CONFIRMED.
   1.1. TOWNHOUSES - FOUL WATER DRAINAGE SET AT 550MM BELLOW FFL @ 1:40 GRADIENT. RWPs ARE EXTERNAL.
   1.2. EXTRA CARE - INTER DRAINAGE INVERT LEVEL SET AT 58.910M AOD @ MINIMUM 1:40 GRADIENT TO PASS BENEATH GROUND BEAMS.
   1.3. APARTMENTS - INTER DRAINAGE INVERT LEVEL SET AT 57.710M AOD @ MINIMUM 1:30 GRADIENT TO PASS BENEATH GROUND BEAMS.
   1.4. DRAINAGE RUNS MAY BE DEEPER THAN THE ABOVE PARAMETERS IN SOME AREAS TO RESOLVE CLASHES BETWEEN FOUL WATER AND SURFACE WATER.
2. LEVELS SHOWN FOR HEADS OF DRAINS FROM SVPS/SS ARE SUBJECT TO COORDINATION WITH M&E AND STRUCTURAL ENGINEERS.
3. SURFACE WATER DRAINAGE DISCHARGE RATE AND METHOD OF DISCHARGE TO BE AGREED WITH UNITED UTILITIES AND LLFA.
4. RAINWATER DOWNPIPE POSITIONS TO BE CONFIRMED BY ARCHITECT & MEP ENGINEER, ALL RWPs TO BE RODDABLE
5. PROPOSED SURFACE WATER NETWORK SIZED BASED ON THE 1 IN 100 YEAR EVENT + 45% CLIMATE CHANGE ALLOWANCE
6. SW1 - SW10 AND FW3-FW8 AND FW21 TO ADOPTED SEPARATE S104 AND S106 AGREEMENTS
7. THE INDICATED LEVEL INFORMATION OF EXISTING SEWERS ASSETS IS BASED ON CURRENT AVAILABLE INFORMATION AND SHOULD BE CONFIRMED ON SITE BY CONTRACTOR AND REPORTED TO ENGINEER.

FLOW CONTROL SUMMARY

MH NUMBER	FLOW CONTROL	DESIGN FLOW (l/s)	PRODUCT REFERENCE
SW4	HYDROBRAKE (OR SIMILAR APPROVED)	10.2	SHE-0140-1020-1483-1020

DATE	REV	DESCRIPTION	DRAWN	CHKD
09.10.26	P10	ISSUED FOR INFORMATION	ZA	JDL
21.09.26	P09	ISSUED FOR INFORMATION	FJH	JDL
10.09.26	P08	UPDATED CULVERT ROUTING	FJH	JDL
14.08.26	P07	ISSUED FOR INFORMATION	ZA	JDL
31.07.26	P06	ISSUED FOR INFORMATION	ZA	JDL
19.04.26	P05	DRAFT STAGE 4A ISSUE	ZA	AJO
24.04.26	P04	UPDATED BASED ON COMMENTS	TPR	JDL
24.03.26	P03	STAGE 3 ISSUE	ZA	JDL
24.11.25	P02	PROJECT TITLE UPDATED	TPR	JDL
14.11.25	P01	DRAFT ISSUE	TPR	JDL

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PROJECT
BROTHERTON HOUSE

TITLE
PROPOSED DRAINAGE STRATEGY
GENERAL ARRANGEMENT

DRAWING STATUS				STATUS CODE
STAGE 4A				-
CE PROJECT No.	SCALE @ A0	DATE CREATED	DRAWN	CHECKED
3323-02	1:250	NOV 25	TPR	JDL
DRAWING No.				REV.
18704-CIV-XX-XX-D-C-30001				P10

0 2.5 5 7.5 10 12.5 15 20 m
SCALE 1:250 @ A0

FILE LOCATION PATH - P:\PROJECTS\3323-02 NUSE - WYTHENSHAWE - PLOTS C2 AND 3.3\004 BIM\CIVIL\DRAWINGS\BROTHERTON\18704-CIV-XX-XX-D-C-30001 - PROPOSED DRAINAGE 2.DWG