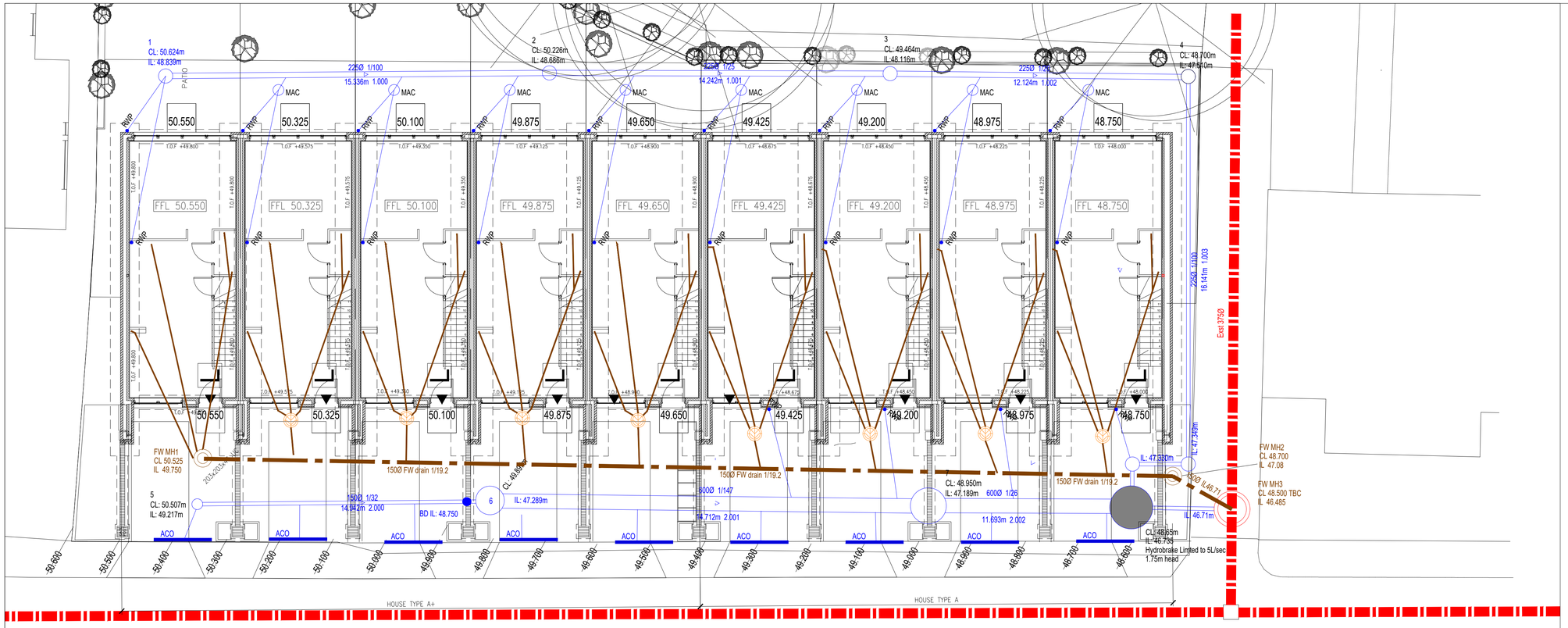


PHASE: 0

MH No.	MANHOLE DIAMETER (mm)	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)	Note
1	600	50.624	48.839	1.56	385634.056	398189.968	
2	600	50.226	48.686	1.315	385643.228	398177.677	
3	600	49.464	48.116	1.123	385651.63	398166.177	
4	600	48.70	47.51	0.965	385658.692	398156.322	
4a	600	48.60	47.349	1.251	TBC on site	TBC on site	
4b	600	48.675	47.330	1.345	TBC on site	TBC on site	
5	1200	50.567	49.517	0.90	385620.029	398179.267	
6	1200	49.897	47.289	2.008	385628.572	398167.518	
7	1500	49.189	47.189	1.40	385637.445	398155.413	
8	1800	48.65	46.735	1.915	385643.730	398146.611	Hydrobrake
8_OUT	1250	48.500	46.485	1.616	385641.903	398141.405	Outfall MH
FWMH1	600	50.525	49.175	1.20	385621.174	398180.428	
FWMH2	600	48.65	47.08	1.42	385645.505	398147.014	

DRAINAGE STRATEGY

SURFACE WATER

TOTAL SITE AREA: 0.1 ha

PROPOSED RUN-OFF RATES:

- 1 Year - 5 L/sec
- 30 Year - 5 L/sec
- 100 Year - 5 L/sec

PROPOSED SITE IMPERMEABLE AREA: 0.085 ha (approx.)

CURRENTLY THE SITE IS 100% HARDSTANDING AND POSITIVELY DRAINED VIA DISHED CHANNELS AND GULLYS.

THE PROPOSED DEVELOPMENTS WILL GIVE A 150M^2 REDUCTION IN CATCHEMENT DUE TO GARDEN SPACE.

INFILTRATION TESTING ON SITE HAS SHOWN TEH SITE IS UNDERLAIN BY STIFF CLAYS MAKING INFILTRATION NOT VIABLE.

THE NEAREST AVAILABLE WATERCOURSE IS THE RIVER MEDLOCK. THIS IS LOCATED 300M TO THE EAST AND DUE TO THE DENSE NATURE OF MANCHESTER CITY CENTRE ,WOULD REQUIRE A RUN OF PIPE OVER 400M LONG THROUGH EXISTING ROADS WITH EXISTING UU COMBINED ASSETS AND THIRD PARTY LAND

DUE TO EXTREMELY LIMITED SPACE ON SITE STORM EVENTS UP TO AND INCLUDING THE 1:100+40% YEAR EVENT IS PROVIDED IN THE OVERSIZED PIPE NETWORK.

THE PROPOSED GRADIENTS WILL ALLOW A GRAVITY NETWORK TO EXISTING PUBLIC MANHOLE ON THE 725 uu DRIAN

FOUL WATER

FOUL WATER WILL DISCHARGE UNRESTRICTED BY GRAVITY INTO EXISTING MANHOLE LOCATED ON SNELL STREET
THE PROPOSED FOUL WATER NETWORKS WILL FOLLOW THE PROPOSED SITE GRADIENTS TO ENSURE DEPTHS ARE KEPT TO A MINIMUM AND THE CLOSEST POINT OF CONNECTION TO THE EXISTING SEWER NETWORK CAN BE MADE.

EXISTING SEWERS

THERE ARE NO PUBLIC SEWERS ON SITE . THE ONLY UU ASSET IS LOCATED IN SNELL STREET - ALL NEW PROPERTIES OUR OUTSIDE THE OBSERVABLE EASEMENT REQUIREMENTS.

REV	DATE	DESCRIPTION	BY	CHK	APP
AB	05/05/23	AS BUILTS	LS	KOB	KOB
C02	10/01/22	OUTFALL MANHOLE IL UPDATED FOLLOWING SITE INSEPCTION	CM	KOB	KOB
C01	05/01/22	DRAINAGE GENERALLY UPDATED	CM	KOB	KOB
P04	19/11/21	DRAINAGE GENERALLY UPDATED	CM	KOB	KOB
P03	13/10/21	PLOT DRAINAGE ADDED	LS	KOB	KOB
P02	13/09/21	FFL REVISED FOLLOWING ARCH COMMENTS	LS	KOB	KOB
P01	July 2021	Prelim Issue	LS	KOB	KOB

DRAWING STATUS: **As Built**

CLIENT: Brookfinch

ARCHITECT: Calder Peel

PROJECT: Snell Street

TITLE: Drainage Strategy

STATUS:	PROJECT No.	PROJECT	ORIGINATOR	VOL/SYS	LEVEL	TYPE	ROLE	DRAWING No.	REV:
S2	221-062	SNE -	AJP -	ZZ -	00 -	DR -		**C - 0001**	**AB**

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:100	KOB	AMG	KOB	KOB	May 23

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