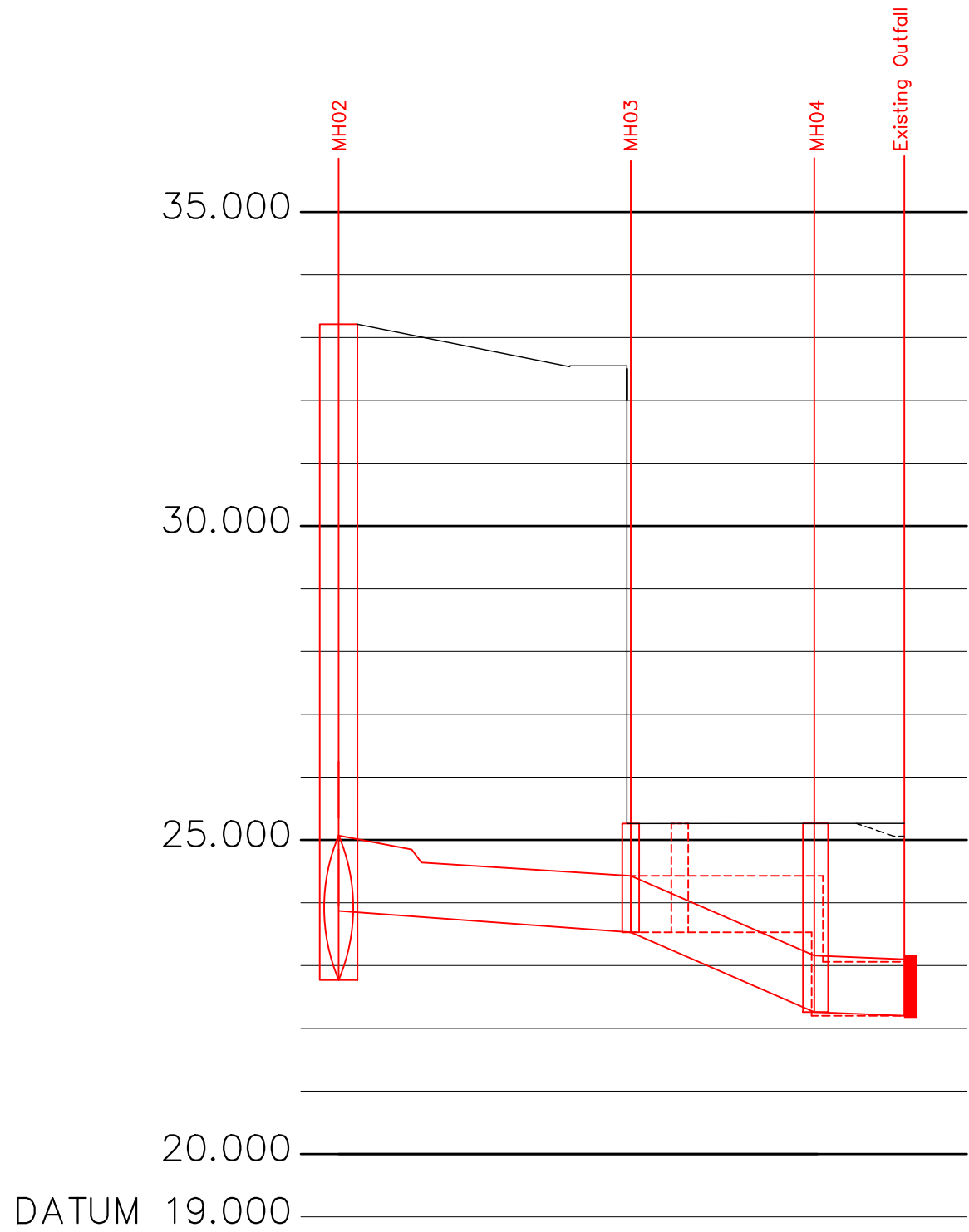


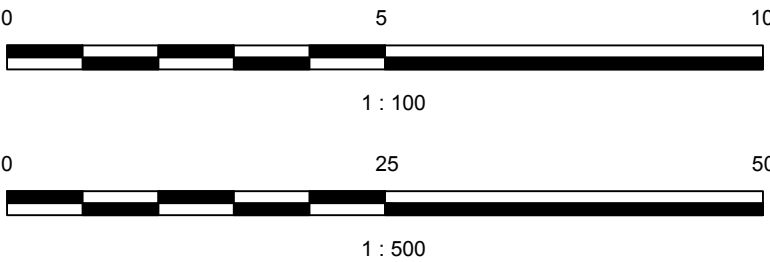


- Key
- Existing Combined Sewer
 - Proposed Combined Sewer
 - Existing Ground Levels
 - Proposed Ground Levels

CHAINAGE	0.000	5.490	10.000	15.560	18.405	20.000	22.722	23.248	25.270	27.155	30.000		37.860	38.086	40.000	44.184	45.021	50.000
EXISTING GROUND LEVEL	33.210	33.000	32.700	32.500	32.550	32.550	25.260	25.260	25.270	25.260		25.260	25.260	25.260	25.260	25.060	25.050	
PROPOSED GROUND LEVEL	33.210	33.210					25.260					25.260				25.060		
COMBINED WATER COVER LEVEL	33.210						25.260					25.260				25.260		
COMBINED WATER INVERT	23.86						23.530	23.530				22.260	22.260			22.200		
COMBINED WATER DETAILS	900X1200 Arch 1 in 70	900X900 Square Sandstone /Brick (Varies) 1 in 70							Dia 900 Circular CONC 1 in 11			Dia 900 Circular Conc 1 in 119						
COMBINED WATER LENGTHS	5.490		17.758						14.612			7.161						
COMBINED WATER MANHOLE DETAIL									1575X900 Type E			1800 dia Type B						
EXISTING COMBINED WATER COVER LEVEL	33.210								25.270									
EXISTING COMBINED WATER INVERT	23.86	23.742	23.742	23.530	23.530	23.530	23.530	23.530	23.530	23.530	23.530	23.530	22.200	22.200	22.200	22.200		

VERTICAL

HORIZONTAL



- NOTES:
- REFER TO GENERAL CIVIL NOTES DRAWING REN-BGE-C-GEN-005.
 - THE COMPLETENESS OF THE UNDERGROUND SERVICE INFORMATION IS BASED ON CURRENT INFORMATION AN SURVEYS AND CANNOT BE GUARANTEED. REFER TO DRAWING REN-BGE-C-GEN-005 FOR POST DEMOLITION SURVEY REQUIREMENTS.
 - TOPOGRAPHIC SURVEY AS PER ZS SURVEYS DRAWING: "AAP - DEANSGATE - MANCHESTER - TOPO - 2074" RECEIVED 03/02/2021.
 - EXISTING STRUCTURE PLAN SURVEYS AS PER ZS SURVEYS DRAWINGS: "AAP - DEANSGATE, MANCHESTER 2074_3-MBS" RECEIVED 07/10/2021.
 - EXISTING CCTV BASEMENT DRAINAGE SURVEY AS PER SUBSCAN DRAWING: "GR10447 REV 0" RECEIVED 09/08/2021.
 - EXISTING CCTV PREMIER HOUSE LOADING BAY (VAULT) DRAINAGE SURVEY AS PER AQUASPEED SURVEY: "RENAISSANCE VAULTS DRAINAGE 12.07.21" RECEIVED 12/08/2021.
 - UNITED UTILITIES SITE ADJACENT SEWER POSITIONS BASED ON THE FOLLOWING INFORMATION:
UNITED UTILITIES SEWER RECORDS "UJU - 250037-19-02-2021-02-39-22" DATED 19/02/2021.
TEAM DRAINAGE CCTV SURVEY "MH CARD 7602 DEANSGATE MANCHESTER" RECEIVED 28/07/2021.
 - UNITED UTILITIES NORTHERN SEWER OVERRUN POSITION BASED ON THE FOLLOWING INFORMATION:
UNITED UTILITIES SEWER RECORDS "UJU - 250037-19-02-2021-02-39-22" DATED 19/02/2021.
TEAM DRAINAGE CCTV SURVEY "BLACKFRIAR STREET MCR 4_11" DATED 05/11/2021.
SURVEY SOLUTIONS LOCAL BREAKOUT AND POSITION SURVEY "38738MCLS-01" RECEIVED 21/12/2021.
 - POSITION OF UNIDENTIFIED "HANGING DITCH" BASED ON THE FOLLOWING:
"LLFA DATA SCREED 130049-DEM-2021" RECEIVED 14/05/2021

P01	16.08.2022	ISSUED TO UNITED UTILITIES	EG
P00	14.02.2022	ISSUED FOR STAGE 2 TENDER	DF(CE)
REV	DATE	DESCRIPTION	RVD

REVISIONS

CLIENT

PROPERTY ALLIANCE GROUP LTD


ALLIANCE

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PROJECT

RENAISSANCE

CIVIL

GENERAL

STATUS

ISSUED FOR INFORMATION

NOT TO BE ISSUED FOR CONSTRUCTION

DRAWN	DESIGNED	CHECKED	APPROVED
JW	JP(CE)	DF(CE)	LJK

DATUM	GRID	SCALE	AT A1 SIZE
OSGB36	BNG	NA	

TITLE	PROJECT No.	DRAWING No.	REV
UNITED UTILITIES - PROPOSED NORTHERN SEWER OVERRUN BUILD OVER - SHEET 5	L20081	REN-BGE-C-GEN-039	P01

07/07/2022 3:46 PM

DRAWING TO BE PRINTED IN COLOUR

07/07/2022 3:46 PM