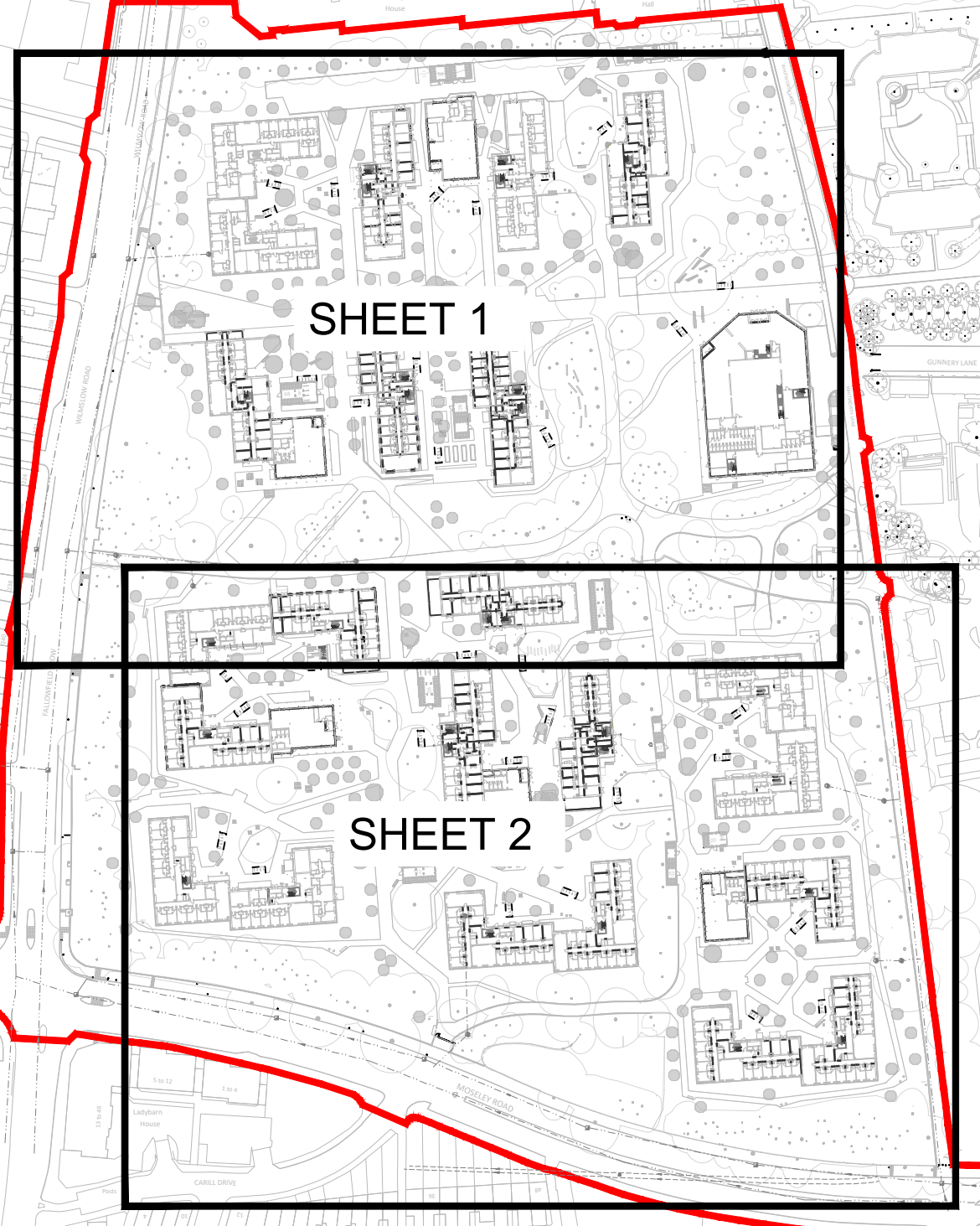




- KEY**
- EXISTING COMBINED WATER SEWER
 - EXISTING COMBINED WATER DRAIN
 - PROPOSED SURFACE WATER DRAIN
 - PROPOSED FOULED WATER DRAIN
 - PROPOSED SUMP MANHOLE
 - PROPOSED FLOW CONTROL
 - PROPOSED POROUS PAVING
 - PROPOSED GEOCELLULAR ATTENUATION TANK
 - PROPOSED LANDSCAPE ATTENUATION DRY BASIN
 - PROPOSED GREEN ROOF LOCATION
 - PROPOSED BACKDROP
 - PROPOSED PITCHED STONE HEADWALL

- NOTES**
- THIS DRAWING IS PRELIMINARY AND IS SUBJECT TO CHANGE DEPENDING ON FURTHER DEVELOPMENT OF THE G.A., SITE LAYOUT, RWP AND POP-UP LAYOUT.
 - SHOULD THIS DRAWING BE NEEDED FOR COSTING YOU MUST CONTACT KENNEDY REDFORD IN THE FIRST INSTANCE TO DISCUSS UNKNOWN AND ASSUMPTIONS MADE AT THIS STAGE.
 - THIS DRAWING IS BASED ON THE LANDSCAPE ARCHITECT'S PROPOSED LANDSCAPE GA. DRAWING NO. UMRP-LAP-XX-00-00-0002, REV. P5.
 - TO BE READ IN CONJUNCTION WITH ALL RELEVANT KENNEDY REDFORD DRAWINGS.
 - THIS PRELIMINARY LAYOUT ASSUMES THE FLOWS FROM THE ROOF AREAS CAN BE RESTRICTED TO GREENFIELD RUNOFF AT ROOF LEVEL.
 - EXISTING SEWER LOCATIONS AND LEVELS TO BE CONFIRMED BY CONTRACTOR ON SITE, PRIOR TO WORK COMMENCING.
 - ANY PART OF THE EXISTING DRAINAGE SYSTEM TO BE RETAINED AS PART OF THE NEW SCHEME SHALL BE CLEANED AND INSPECTED. ANY STRUCTURAL DEFECTS SHALL BE REPAIRED USING APPROPRIATE AND APPROVED MEANS.
 - ALL REDUNDANT EXISTING DRAINAGE TO BE GRUBBED UP OR GROUTED. ANY EXISTING LIVE DRAINAGE SHOULD BE REPORTED TO THE ENGINEER AND RECONNECTED.
 - PRIVATE DRAINS TO BE CONSTRUCTED IN ACCORDANCE WITH BUILDING REGULATIONS.
 - NO CONNECTION TO BE MADE TO THE PUBLIC SEWER OR WATERCOURSE UNTIL APPROVAL HAS BEEN RECEIVED FROM UNITED UTILITIES AND MANCHESTER CITY COUNCIL.
 - ALL MANHOLE LEVELS ARE INDICATIVE ONLY.
 - ALL MANHOLE AND PIPE POSITIONS ARE APPROXIMATE.
 - UNLESS INDICATED OTHERWISE ALL PIPES TO BE LAID SLOTTED TO SLOTTED.
 - WHERE PROPOSED DRAINS ARE IN PROXIMITY TO PROPOSED FOUNDATIONS, THE FOUNDATIONS SHALL BE TAKEN DEEPER TO BELOW THE DRAINS OR THE DRAIN SHOULD BE PROTECTED WITH A FULL CONCRETE SURROUND.
 - SETTING OUT OF RAINWATER PIPES, WASTEWATER CONNECTIONS AND POPUP POSITIONS OF ABOVE GROUND DRAINAGE BY OTHERS.
 - RAINWATER PIPES AND WASTEWATER CONNECTION LOCATIONS NOT SHOWN AT THIS STAGE.
 - LINEAR DRAIN AND GULLY LOCATIONS NOT SHOWN AT THIS STAGE.
 - ALL CHANNEL DRAINAGE TO HAVE SILT BUCKETS ON OUTLETS.
 - ALL ROAD GULLIES ARE TO BE TRAPPED AND ROADABLE.
 - ALL GULLY LEADS TO BE 150mm DIAMETER.
 - PROPOSED DRAINAGE IS SUBJECT TO CONFIRMATION (BY CONTRACTOR) OF LEVELS OF EXISTING DRAINAGE AT PROPOSED CONNECTION POINTS.
 - DISCHARGE RATE INTO CULVERT SUBJECT TO FINAL AGREEMENT WITH UNITED UTILITIES AND MANCHESTER CITY COUNCIL.

- NOTE**
- THE FOLLOWING INFORMATION WILL BE REQUIRED IN ORDER TO COMPLETE A DETAILED DRAINAGE DESIGN:
- FIXED SITE LAYOUT INCLUDING THE HARDSTANDING EXTENTS.
 - RAINWATER PIPE LOCATIONS.
 - INTERNAL FOULED CONNECTION LOCATIONS.
 - FINALISED SITE LEVELS.
- THE VOLUME OF ATTENUATION SHOWN IS SUBJECT TO CHANGE BASED ON THE FOLLOWING:
- FIXED SITE LAYOUT INCLUDING THE HARDSTANDING EXTENTS.
 - FINALISED SITE LEVELS.



SHEET LAYOUT
(SCALE 1:2000)

DRAINAGE LAYOUT
(SCALE 1:250)

P08	19.02.25	PLANNING ISSUE (LAYOUT)	N.R.	J.H.	P.V.
P07	13.02.25	PLANNING SUBMISSION ISSUE	N.R.	J.H.	P.V.
P06	24.01.24	PLANNING SUBMISSION ISSUE	N.R.	J.H.	P.V.
P05	13.12.24	RFP ISSUE	N.R.	J.H.	P.V.
P04	05.12.24	DRAWING NUMBER AMENDED (PREVIOUS NUMBER: 0001)	N.R.	J.H.	P.V.
P03	24.05.24	AMENDED TO SUIT LAYOUT	R.B.	P.V.	D.B.
P02	24.04.24	DRAWING NUMBER AMENDED	R.B.	P.V.	D.B.
P01	19.03.24	FIRST ISSUE	R.B.	P.V.	D.B.
REV	DATE	DESCRIPTION	DRN	CHK	APP

KennedyRedford
MANAGING VISION

GRAHAM

PROJECT NAME
UoM STUDENT RESIDENCES
FALLOWFIELD

DRAWING TITLE
PROPOSED DRAINAGE LAYOUT
SHEET 1 OF 2

DATE	SCALE	SHEET SIZE	REV
08.03.24	1:250	A0	P08

DRAWING STATUS
S3 - FOR REVIEW / COMMENT

DRAWING NUMBER
UMRF - KR0 - XX - XX - DR - CC - 0001