NOTES:-

1. UNLESS NOTED OTHERWISE ALL EXISTING GULLYS ARE DRAINING EXISTING AREAS TO BE RETAINED SUBJECT TO CONDITION.
2. ALL MANHOLE COVERS TO BE GRADE D400 HEAVY DUTY.
3. EXISTING DRAINAGE INFORMATION IS TAKEN FROM UNITED UTILITIES RECIRDS. ALL INVERT LEVELS TO BE CONFIRMED PRIOR TO ANY CONSTRUCTION OF PROPOSED DRAINAGE SCHEME.
4. ALL PIPES UPTO 300mm DIA. TO BE EITHER VITRIFIED CLAY OR UPVC(SOLID WALL OR CONCENTRIC RIB TO BRITISH STANDARD). ALL PIPES OVER 300mm DIA. TO BE CONCRETE.
5. ALL MANHOLES TO BE CONSTRUCTED FROM CONCRETE UNLESS NOTED OTHERWISE ON DRAINAGE DETAILS.
6. ALL NEW GULLYS TO BE CONCRETE/CLAY TO HIGHWAYS SPECIFICATION.
7. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
8. ALL PIPES TO BE LAID TO SPECIFIED GRADIENTS.
9. FOR PIPE INVERT LEVELS REFER TO MANHOLE SCHEDULES.
10. ALL EXISTING SEWERS/MANHOLES TO BE CHECKED & CLARIFIED TO CONFIRM INVERT LEVELS/POSITIONS.
11. IF ADVERSE GROUND CONDITIONS ARE ENCOUNTERED POSSIBLE TRENCH STABILISATION WITH TERRAM LAYER/DE-WATERING MAY BE REQUIRED. CONTRACTOR TO NOTIFY FAIRHURST ENGINEER IMMEDIATELY.
12. ALL PIPES WITH LESS THAN 1200mm OF COVER TO CROWN TO HAVE A CONCRETE SURROUND WITH EXPANSION JOINTS.
13. ATTENUATION/DISCHARGE FIGURE SUBJECT TO WATER AUTHORITY ACCEPTANCE.
14. DRAINAGE CONNECTIONS FW/SW SUBJECT TO S106 AGREEMENT.
15. PRECAST CONCRETE ATTENUATION TANK PREFERRED, CONTRACTOR TO ADVISE. TANK MUST BE DESIGNED, DETAILED & INSTALLED BY CONTRACTORS CHOSEN SUPPLIER.
16. RWP POSITIONS ARE TAKEN FROM DETAILS BY FUTURESERV.
17. ALL NEW DRAINAGE TO BE CCTV'D, CLEANED OF ALL CONSTRUCTION DEBRIS AND COPY SENT TO FAIRHURST FOR AS BUILT PURPOSES.
18. ALL GULLYS & DRAINAGE CHANNELS WITHIN CAR PARK AND PEDESTRIAN AREAS TO BE FITTED WITH 'HEELGUARD' TYPE COVERS.
19. ABOVE GROUND RODDING ACCESS TO BE PROVIDED ON ALL S.V.P'S, S.S'S & ALL OTHER FOUL CONNECTIONS.
20. ALL MANHOLES LOCATED WITHIN THE BUILDING MUST BE FITTED WITH TRIPLE SEALED LOCKING MANHOLE COVERS & FRAMES FITTED STRICTLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
21. REFER TO FUTURESERV DRAWINGS FOR SUSPENDED DRAINAGE LAYOUT & DETAILS.
22. ALL INTERNAL & EXTERNAL MANHOLE COVERS TO BE POSITIONED SO THAT THEY ARE PARALLEL TO WALL LINES.
23. ALL INTERNAL MANHOLES TO BE SIGNED OFF BY UNITED LIVING & THE CLIENT.

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION.

RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.

CONSTRUCTION
- RESTRICTED SITE/CONFINED SPACES
- GROUND WATER/INUNDATION

DEMOLITION

FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

KEY:-

- PROPOSED EXTERNAL FOUL SEWER
- PROPOSED EXTERNAL SURFACE WATER SEWER
- PROPOSED EXTERNAL COMBINED SEWER
- EXISTING EXTERNAL PUBLIC COMBINED SEWER
- PROPOSED EXTERNAL CHANNEL DRAIN
- G PROPOSED EXTERNAL GULLY
- PROPOSED SURFACE WATER SEWER SERVING GROUND FLOOR
- RWP PROPOSED RAIN WATER PIPE LOCATION TAKEN FROM FUTURESERV DETAILS
- G PROPOSED GULLY
- PROPOSED FOUL SEWER SERVING GROUND FLOOR
- PROPOSED FOUL RISING MAIN SERVING BASEMENT DRAINAGE
- PIPE PENETRATION THROUGH FOUNDATION
- PIPE ROUTED UNDER FOUNDATION
- PIPE ROUTED OVER FOUNDATION

NOTES:-

A. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWINGS (+ ALL OTHER RELEVANT DRAWINGS)
- 138420/2001 – SHOWING EXTERNAL DRAINAGE
- 143404/2002, 2014, 2015, 2016 & 2017 – SHOWING DRAINAGE DETAILS.
- 143404/2003 – SHOWING BLOCK 1NQ BASEMENT DRAINAGE
- 143404/2004 – SHOWING CLEMENTS BUILDING BASEMENT DRAINAGE
- 143404/2006 – SHOWING CLEMENTS BUILDING GROUND FLOOR DRAINAGE

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Revision C06

Issued for Construction

Ms Fatima Asim - United Living

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Rev.	Date	Description	Drwn.	Chkd.	Appd.
C06	14/11/24	DRAINAGE AMENDED BETWEEN GRIDLINES 18 & 19 ADJACENT TO SAMS YARD FOLLOWING RELOCATION OF BUILDING LINE	DAS	JRT	JRT
C05	04/09/24	CONNECTION TO SS 23 REMOVED & SS 05A RELOCATED FOLLOWING COMMENTS FROM LRW.	DAS	JRT	JRT
C04	27/08/24	INTERNAL CONNECTIONS UPDATED WHERE CLOUDED TO AVOID CLASHES HIGHLIGHTED ON SITE.	DAS	JRT	JRT
C03	24/06/24	FOUNDATIONS, CAPPING BEAM & INVERTS OF PIPE PENETRATIONS / CROSSINGS ADDED. NOTE 23 ADDED & NOTE ADDED REGARDING FG02	DAS	JRT	JRT
C02	07/06/24	NOTE 22 ADDED. DRAINAGE DOWNSTREAM OF FMH54 REPOSITIONED TO AVOID CLASH WITH CRANE BASE.	DAS	JRT	JRT
C01	27/03/24	CLIENT UPDATED. NOTES 9, 16 & 20 AMENDED. NOTE 21 ADDED. UPDATED TO SUIT FUTURESERV DETAILS.	DAS	JRT	JRT
C	20/02/24	UPDATED TO SUIT LATEST BUILDING LAYOUT / M & E DETAILS	DAS	CMM	JRT
B	08/01/24	UPDATED TO SUIT ARCHITECTS LATEST LAYOUTS. DRAINAGE CONNECTION POINTS UPDATED TO SUIT FUTURESERV DETAILS.	DAS	JRT	JRT
A	16/06/23	UPDATED TO SUIT ARCHITECTS LATEST SITE LAYOUT.	DAS	JRT	JRT

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Client: united living new homes

Project Title:
1 NQ & CLEMENTS BUILDING
TARIFF STREET
MANCHESTER

Drawing Title:
BLOCK 1NQ
GROUND FLOOR
DRAINAGE LAYOUT

Scale at A0: 1:100	Status: Construction	
Drawn: DS	Checked: JRT	Approved: JRT
Date: 31/05/23	Date: 08/01/24	Date: 08/01/24

Drawing No.: 143404-FAI-B1-00-DR-D-02005-C06