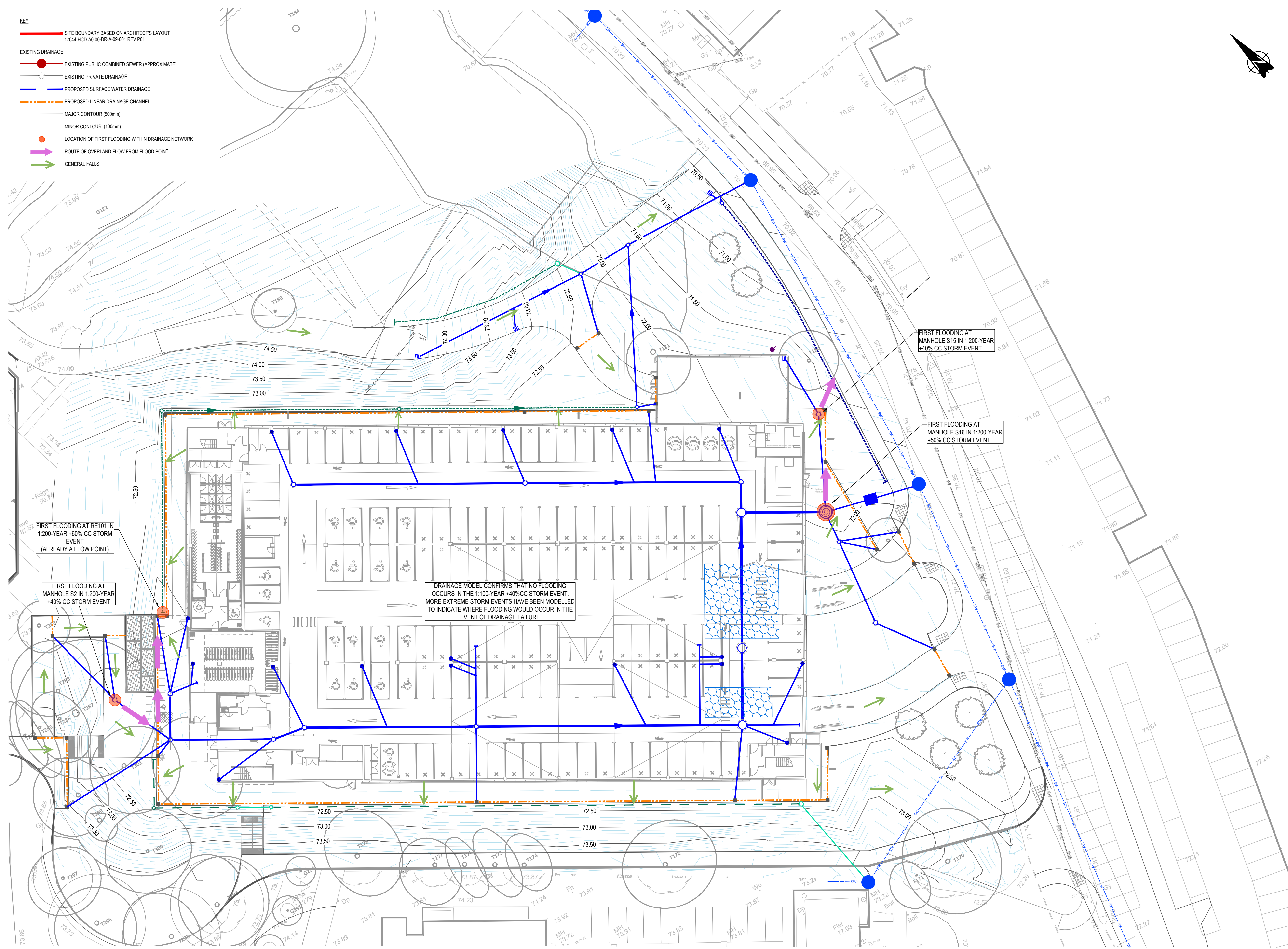


KEY

17044-HCD-A0-00-DR-A-09-001 REV P01

EXISTING DRAINAGE

-  EXISTING PUBLIC COMBINED SEWER (APPROXIMATE)
 EXISTING PRIVATE DRAINAGE
 PROPOSED SURFACE WATER DRAINAGE
 PROPOSED LINEAR DRAINAGE CHANNEL
 MAJOR CONTOUR (500mm)
 MINOR CONTOUR (100mm)
 LOCATION OF FIRST FLOODING WITHIN DRAINAGE NETWORK
 ROUTE OF OVERLAND FLOW FROM FLOOD POINT
 GENERAL FALLS



THE EXISTING SITE IS BROWFIELD SITE, 50% OF EXISTING RUN OF RATES WILL BE TOO HIGH FOR MASTER DRAINAGE THEREFORE GREENFIELD RATES HAVE BEEN CALCULATED BASED ON AREA 5300M²
QBAR 3.3 L/S
1 IN 1 2.8 L/S
1 IN 30 5.5 L/S
1 IN 100 6.8 L/S

MASTERPLAN SURFACE WATER DRAINAGE: EACH PLOT AREA IS ASSUMED TO BE DEALT WITH ON SITE AND RELEASED TO THE CARRIER NETWORK AT GREENFIELD RATE OR 5L/S WHICHEVER IS LARGER.

DRAINAGE SUBJECT TO PLANNING CONDITION APPROVAL.

REQUIRED INFORMATION

- PLANNING BOUNDARY TO BE CONFIRMED
- PROPOSED SERVICES PLAN
- CONFIRMATION OF FOUL DISCHARGE UNITS
- SPRINKLER TANK AREA CONSTRUCTION TO BE CONFIRMED

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DESIGN BASED ON TOPOGRAPHICAL SURVEY AND CCTV SURVEY INFORMATION AVAILABLE AT THE TIME OF DESIGN.
3. ALL EXISTING SEWERS, CONNECTIONS, PIPE SIZES AND INVERT LEVELS TO BE CONFIRMED BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS TO ENSURE CONNECTIVITY. ANY VARIANCE FROM THE INFORMATION SHOWN SHOULD BE REPORTED TO THE ENGINEER FOR REVIEW.
4. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
5. ALL DIMENSIONS ARE IN METRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.
6. WHERE EXISTING DRAINAGE IS BEING USED, ALLOWANCES SHOULD BE MADE TO REMEDIATE THIS DRAINAGE IN LINE WITH AVAILABLE CCTV SURVEY INFORMATION. IF NO SURVEY IS AVAILABLE, IT IS ADVISED TO OBTAIN ONE PRIOR TO COMMENCEMENT OF WORKS.
7. ALL EXISTING SERVICES TO BE LOCATED PRIOR TO COMMENCEMENT OF ANY DRAINAGE WORKS, AND WHERE NECESSARY PROTECTION OR DIVERSIONS TO BE UNDERTAKEN TO AVOID CONFLICT WITH THE PROPOSED WORK.
8. ALL RAINWATER AND FOUL POP UPS LOCATIONS AND SIZES INDICATIVE ONLY AND TO BE CONFIRMED BY THE ARCHITECT AND M&E ENGINEER.
9. COVER LEVELS, GULLY POSITIONS, AND BUILDINGS LOCATION ARE APPROXIMATE AND SHALL BE CONFIRMED BY ARCHITECT / LANDSCAPE ARCHITECT.
10. ALL PIPE DIAMETERS GIVEN ARE NOMINAL INTERNAL PIPE DIAMETERS. THESE ARE TO BE CONFIRMED ONCE A DETAILED CAPACITY CHECK HAS BEEN UNDERTAKEN AT A LATER DESIGN STAGE.
11. OUTFALL CONNECTION(S) SUBJECT TO AGREEMENT WITH THE APPROVING AUTHORITY.

DRAWING BASED ON:

SURVEY

- TOPOGRAPHICAL & UTILITY SURVEY (PROVISIONAL) DATED 09.09.20

ARCHITECT'S PLANS

- 20200-AFL-MSCP-ZZ-DR-A-2001 P07 GROUND FLOOR GA
- 20200-AFL-MSCP-00-DR-A-2301 P05 LEVEL 0 FLOOR SLAB PLAN
- 20200-AFL-MSCP-00-DR-A-2302 P04 LEVEL 1 FLOOR SLAB PLAN
- 20200-AFL-MSCP-00-DR-A-2306 P03 LEVEL 5 FLOOR SLAB PLAN

DRAINAGE CONNECTIONS

- CONNECTIONS TAKEN FROM 20200-AFL-MSCP-00-DR-A-2301 P05
- ROOF DRAINAGE AREAS TAKEN FROM 20200-AFL-MSCP-00-DR-A-2301 & TOPDECK CALCULATIONS RECEIVED 10.12.21
- FOUL DISCHARGE UNITS ESTIMATED FROM 20200-AFL-MSCP-ZZ-DR-A-2001

LANDSCAPE ARCHITECT'S PLANS

- 20200-GIL-INZ-EX-DR-L-0101 P05 PROPOSED LANDSCAPE PLAN NORTH

[illegible]

Manchester University
NHS Foundation Trust



Merchant Exchange, 17-19 Whitworth Street West, Manchester M1 5WG
0161 236 2394
manchester@courtns.com
www.courtns.com

Civils & Structures • Transport Planning • Environmental • Infrastructure • Geotechnical • Conservation & Heritage
Remediation • Paved • Camberline • Curbline • Driveway • Tarmac • Finishwork • Gasworks • Kiosks • Landscaping • Landscaping

PROJECT

NMGH MSCP

TITLE

OVERLAND FLOW ROUTES

STATUS	PURPOSE OF ISSUE
S3	REVIEW & COMMENT

DRAWN BY AL	CHECKED BY MW	DATE 17/02/2022
----------------	------------------	--------------------

SCALE (@A1)	PROJECT NUMBER
1:200	075805

FILE DRAWING NUMBER	REV.
20200-CUR-MSCP-EX-DR-D-7513	P1