ALL INFORMATION ON THIS DRAWING IS SUBJECT TO CHANGE AS THE SCHEME IS PROGRESSED AS THE FOLLOWING IS YET TO BE FINALISED/ DETERMINED.

- EXISTING DRAINAGE INVERT LEVELS, DIAMETERS, ROUTES AND CONDITION PENDING COMPREHENSIVE REVIEW OF DRAINAGE CCTV INFORMATION;
- UNITED UTILITIES/ LOCAL AUTHORITY FORMAL DISCHARGE CONSENTS;
- PROPOSED EXTERNAL FINISHED LEVELS;
- PROPOSED BUILDING FINISHED FLOOR LEVELS;
- SUB-STRUCTURE LAYOUT & DETAILS;
- SITE WIDE BELOW GROUND SERVICES;
- ABOVE SLAB PUBLIC HEALTH PROPOSALS & FOUL FLOW RATES;
- RAINWATER PIPE POSITIONS & CATCHMENT AREAS;

Existing drainage channels to be removed and new connection across.

DRAINAGE IN VICINITY OF CPU SUBJECT TO FINAL DECISION RE CPU PROVISION

Bypass dif separator for car park discharge

Proposed new manhole on existing 450Ø surface water drain, Invert level interpolated from drainage survey information and to be confirmed through intrusive investigation work in situ. Details to be confirmed at detailed design stage.

Surface Water to ultimately discharge into the Fallowfield Brook at 7l/s/Ha subject to confirmation from United Utilities.

Tubosider tank or similar approved for attenuation. Tubosider tank dia/ dims. 1000Ø dims. 3 tnge, length 185m, Tank capacity dia/ ø320m³.

Over the edge drainage from footpaths to proposed swales

For swale design see landscape architects drawings

Road kerb drains discharging to swale dikes de outlet pipes cut to slope.

For swale design see landscape architects drawings

Bypass dif separator for car park dis

FOR CONTINUTION SEE DRAWING P00_00_(52)_Z0_C_203

BDP SHALL HAVE NO RESPONSIBILITY FOR ANY USE MADE OF THIS DOCUMENT OTHER THAN FOR THAT WHICH IT WAS PREPARED AND ISSUED.
ALL DIMENSIONS SHOULD BE CHECKED ON SITE.
DO NOT SCALE FROM THIS DRAWING.
ANY DRAWING ERRORS OR DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF BUILDING DESIGN PARTNERSHIP AT THE ADDRESS SHOWN BELOW

NOTES

1. All dimensions are in metres unless stated otherwise.
2. This drawing should be read in conjunction with all other relevant architectural and engineering details, drawings and specifications.
3. Any discrepancies should be reported to the architect and/or engineer immediately so that clarification can be sought prior to the commencement of work.
4. All information shown on this drawing is in the design development stage and is therefore subject to change as the scheme is progressed. It should not be relied upon for contractual or cost commitment purposes.

KEY:

Phase 1 Site Boundary

Existing Drainage

Note: Refer to Existing Drainage Layouts for further details of all existing drainage.

- Foul/ Surface/ Combined Drain/ Sewer and manhole
- Existing Drainage to be Abandoned
- Existing Drainage Channel
- Existing Gully

Proposed Drainage

- Surface Water Drain
- 1050Ø/1200/1500/1800Ø Manhole /1050Ø Insp. Chamber
- 450Ø/600Ø Inspection Chamber
- RODDING EYE
- SU — Drainage Channel & sump unit with 150Ø connection
- KDO — Kerb drain & outlet unit with 150Ø connection
- RG — Road Gully & 150Ø connection
- YG — Yard Gully & 150Ø connection
- Tubosider 'Twinstore' Attenuation Tank or equivalent approved
- Dry Swale with Catchpit & Perforated pipe
- Bypass Separator
- Foul Water Drain
- 1200/1500Ø Manhole/ 1050Ø Insp. Chamber
- 450/600Ø Inspection Chamber
- Indicative Above Slab SVP/WP location (Refer to PH1-ZZ-(50)-ZZ-P-0001 for size requirements)
- SU — Binstore surface water runoff to discharge into foul network.

TO BE READ IN CONJUNCTION WITH :

- PH1-ZZ-(ZE)-00-MEP-0001 - MEP EXTERNAL SERVICES AND SITE RESTRICITONS - MECHANICAL PIPED SERVICES
- PH1-ZZ-(ZE)-00-MEP-0002 - MEP EXTERNAL SERVICES AND SITE RESTRICITONS - ELECTRICAL SERVICES

FOR COORDINATION WITH PROPOSED SERVICES

ALL POP-UP LOCATIONS ARE SUBJECT TO DETAILED POSITIONING. FINAL SETTING OUT NOT AVAILABLE AT TIME OF DRAWING PRODUCTION AND THEREFORE ALLOWANCE SHOULD BE MADE FOR FINAL COORDINATION AND SOME MINOR POP-UP MOVEMENTS

P06 - STAGE 4 ISSUE	CS	DN	05/06/17
P05 - INVERT LEVELS ADDED TO MANHOLE	CS	DN	12/05/17
P04 - GENERAL UPDATES	CS	DN	11/05/17
P03 - UPDATES TO DRAINAGE LABELLING	CS	DN	27/04/17
P02 - STAGE 3 ISSUE	CS	DN	07/04/17
P01 - ISSUED FOR ITT	CS	DN	17/11/16

MANCHESTER 1824
The University of Manchester

BDP.
11 Ducie Street
P.O. Box 85, Piccadilly Basin
Manchester M60 3JA
United Kingdom
T +44 (0)161 828 2200
F +44 (0)161 828 2235
www.bdp.com

Owens Park, Fallowfield
Campus Redevelopment

P2006665

Phase 1
Proposed Drainage Strategy

@ A0 1:250

Nov '16

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P06