



NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - 'ASK'.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

CIVIL LEGEND

EX. FOUL MANHOLE	Ex.F
EX. FOUL PIPE	PIPE DESCRIPTION
NEW FOUL MANHOLE	F
NEW FOUL PIPE	PIPE DESCRIPTION
EX. SURFACE WATER MANHOLE	Ex.S
EX. SURFACE WATER PIPE	PIPE DESCRIPTION
NEW SURFACE WATER MANHOLE	S
NEW SURFACE WATER PIPE	PIPE DESCRIPTION
EX. COMBINED MANHOLE	Ex.C
EX. COMBINED PIPE	PIPE DESCRIPTION
NEW COMBINED MANHOLE	C
NEW COMBINED PIPE	PIPE DESCRIPTION
NEW RISING MAIN	PIPE DESCRIPTION
PIPE CROSSOVER	PIPE DESCRIPTION
EX. ROOF RAIN WATER MANHOLE	Ex.R
EX. ROOF RAIN WATER PIPE	PIPE DESCRIPTION
NEW ROOF RAIN WATER MANHOLE	R
NEW ROOF RAIN WATER PIPE	PIPE DESCRIPTION
DECOMMISSIONED LINE	PIPE DESCRIPTION
FOUL ACCESS JUNCTION	AJ
SURFACE ACCESS JUNCTION	AJ
RAINWATER PIPE	RWP
SOIL VENT PIPE	SVP
RAINWATER GULLY	RG
BACK INLET GULLY TRAP	BIGT
FOUL RODDING EYE	RE
SURFACE RODDING EYE	RE
GULLY TRAP	GT
Ex. WATERMAIN	---
WATERMAIN	---
SLUICE VALVE	SV
STOP COCK	SC
AIR VALVE	AV
FIRE HYDRANT	H
MAGNETIC FLOW WATER METER	M
IRRIGATION VALVE	IV
TRUST BLOCK	*
30m ³ RAINWATER HARVESTING TANK	⊕

PROPOSED DRAINAGE AND WATERMAIN LAYOUT

SCALE @ A1: 1:200
SCALE @ A3: 1:400

PL2	13.09.17	REVISED FOR PLANNING	JM	POD	BM
PL1	30.06.17	ISSUED FOR PLANNING	JM	POD	BM
P2	17.11.16	REVISED FOLLOWING SuDS AUDIT	JM	SV	BM
P1	03.10.16	ISSUED FOR SuDS AUDIT	JM	SV	BM
ISSUE	DATE	DESCRIPTION	DRN	P.E.	P.D.
ISSUE STATUS	<input type="checkbox"/> PRELIMINARY (P1, P2, P3 etc.) <input checked="" type="checkbox"/> PLANNING (PL1, PL2, PL3 etc.)				
	<input type="checkbox"/> TENDER (T1, T2, T3 etc.) <input type="checkbox"/> FOR CONSTRUCTION (0, 1, etc.)				

BM Dublin Office: Sandwith House, 52-54 Lower Sandwith Street, Dublin 2, Ireland. Tel: (01) 677 3200 Fax: (01) 677 3164
London Office: 12 Mill Street, London SE1 2AY, United Kingdom Tel: (0204) 084 5413 2722
Consulting Engineers, Civil, Structural, Project Management E-mail: bmce@bmce.ie Web: www.bmce.ie



CLIENT
UNIVERSITY COLLEGE DUBLIN

PROJECT TITLE
UCD STUDENT RESIDENCES MASTERPLAN

DRAWING TITLE
PROPOSED DRAINAGE AND WATERMAIN LAYOUT BLOCK A

PROJECT No.	DRAWING No.	ISSUE	STATUS
15349	C1024	PL2	PLANNING