



**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	PIPE DESCRIPTION
EX. FOUL PIPE	F	PIPE DESCRIPTION
NEW FOUL MANHOLE	F	PIPE DESCRIPTION
NEW FOUL PIPE	F	PIPE DESCRIPTION
EX. SURFACE WATER MANHOLE	Ex.S	PIPE DESCRIPTION
EX. SURFACE WATER PIPE	S	PIPE DESCRIPTION
NEW SURFACE WATER MANHOLE	S	PIPE DESCRIPTION
NEW SURFACE WATER PIPE	S	PIPE DESCRIPTION
EX. COMBINED MANHOLE	Ex.C	PIPE DESCRIPTION
EX. COMBINED PIPE	C	PIPE DESCRIPTION
NEW COMBINED MANHOLE	C	PIPE DESCRIPTION
NEW COMBINED PIPE	C	PIPE DESCRIPTION
NEW RISING MAIN	R	PIPE DESCRIPTION
PIPE CROSSOVER		
EX. ROOF RAIN WATER MANHOLE	Ex.R	PIPE DESCRIPTION
EX. ROOF RAIN WATER PIPE	R	PIPE DESCRIPTION
NEW ROOF RAIN WATER MANHOLE	R	PIPE DESCRIPTION
NEW ROOF RAIN WATER PIPE	R	PIPE DESCRIPTION
DECOMMISSIONED LINE	-X-X-X-X-	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 <sup>2</sup> RAINWATER HARVESTING TANK		

PL2	13.09.17	REVISED FOR PLANNING	JM	POD
PL1	30.06.17	ISSUED FOR PLANNING	JM	POD
P2	17.11.16	REVISED FOLLOWING SuDS AUDIT	JM	POD
P1	03.10.16	ISSUED FOR SuDS AUDIT	JM	POD
ISSUE	DATE	DESCRIPTION	DRN	P.E.

PRELIMINARY (P1, P2, P3 etc.)     PLANNING (PL1, PL2, PL3 etc.)  
 TENDER (T1, T2, T3 etc.)     FOR CONSTRUCTION (0, 1, etc.)

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**ACEI** The Institution of Structural Engineers

CLIENT: **UNIVERSITY COLLEGE DUBLIN**

PROJECT TITLE: **UCD STUDENT RESIDENCES MASTERPLAN**

DRAWING TITLE: **PROPOSED DRAINAGE AND WATERMAIN LAYOUT BLOCK D**

PROJECT No.	DRAWING No.	ISSUE	STATUS
15349	C1027	PL2	PLANNING

**PROPOSED DRAINAGE AND WATERMAIN LAYOUT**  
 SCALE @ A1: 1:200  
 SCALE @ A3: 1:400