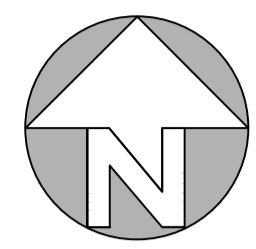


PERMEABLE PAVING (TYPE C - NO INFILTRATION)
SCALE 1:10



LEGEND - PROPOSED SITE DRAINAGE	
ELEMENT	SHOWN AS
PROPOSED FOUL DRAINAGE	
EXISTING WATER SEWER	
SURFACE WATER LINEAR DRAIN	
PROPOSED SW & FW PC RING MANHOLE	
PROPOSED SW DRAIN ALL GULLY OUTLET PIPES TO BE 150mm DIAMETER	
PROPOSED GULLY	
RAIN WATER PIPE	
EXISTING MANHOLES (FOUL & SURFACE)	
PROPOSED DIVERTED PUBLIC SURFACE WATER PIPE	
INSPECTION CHAMBER	
PERFORATED PIPE UNDER DRAINAGE TO PERMEABLE PAVING	
EXISTING FOUL SEWER	
ATTENUATION TANK	
PERMEABLE PAVEMENT CONSTRUCTION (TYPE C - NO INFILTRATION)	

* Existing sewer levels to be confirmed

Proposed Foul Water Drainage							
MH No.	Cover Level	Invert Level *	Depth to invert	DIA (mm)	Type	Cover Type	Comments
F2.2	49.605	48.630	1.0	1200	CONC	D400	
F2.1	49.300	48.160	1.1	1200	CONC	D400	
F2	48.970	47.785	1.2	1200	CONC	D400	
F1	48.970	47.930	1.0	1200	CONC	D400	
F3	48.700	47.265	1.4	1200	CONC	D400	
F4	49.700	46.070	3.6	1200	CONC	D400	

Proposed Surface Water Drainage							
MH No.	Cover Level	Invert Level	Depth to invert	DIA (mm)	Type	Cover Type	Comments
S1	49.780	48.355	1.4	**	PPIC	C250	
S2	49.580	48.130	1.5	1200	CONC	C250	
S3	49.400	48.095	1.3	1500	CONC	D400	
S4	49.100	47.945	1.2	1500	CONC	D400	
S5	49.030	47.740	1.3	1500	CONC	D400	
S6	49.000	47.700	1.3	1500	CONC	D400	
S7	49.000	47.526	1.5	1500	CONC	D400	
S8	49.000	47.247	1.8	1200	CONC	C250	
S9	48.900	46.895	2.0	1200	CONC	C250	SILT TRAP
S9.6	49.385	48.630	0.8	**	PPIC	C250	
S9.5	49.385	48.530	0.9	**	PPIC	C250	
S9.4	49.595	48.280	1.3	**	PPIC	C250	
S9.3	49.255	48.175	1.1	**	PPIC	C250	
S9.2	49.255	47.225	2.0	1500	CONC	C250	
S9.1	48.440	47.025	1.4	1500	CONC	C250	
S10	49.600	48.200	1.4	1500	CONC	D400	
S11	49.200	46.453	2.7	1800	CONC	D400	Flow Control Chamber 2.1l/s

REV.	DATE	BY	DESCRIPTION
CN5	03.02.2021	AM	ISSUED FOR COMMENTS
CN4	30.11.2020	AM	EXISTING FOUL LANE SHOWN INDICATIVELY
CN3	06.11.2020	MM	ISSUED FOR COMMENT
CN2	03.07.2020	MM	ISSUED FOR COMMENT
CN1	14.05.2020	MM	ISSUED FOR COMMENT

SDS-UK (Structural Design Solutions) Ltd,
BRIDGE HOUSE, 25-27 THE BRIDGE,
WEALDSTONE, HARROW, HA3 5AB.
Tel: +353 (0)94-9034914 Fax: +353 (0)94-9034698
info@structuraldesign.ie www.structuraldesign.ie SDS-UK (Structural Design Solutions) Ltd.

Client:	ADSTON
Project Title:	LIDL EPSOM METROPOLITAN
Drawing Title:	SITE LAYOUT SURFACE WATER & FOUL DRAINAGE
Scale:	1:200
Paper Size:	A1
Status:	CONSTRUCTION
Drawn By:	AD
Checked:	MM
Date:	MAY 2020
Project No.:	20010
Drawing No.:	3021
Rev.:	CN5