

DRAINAGE SUBJECT TO PLANNING CONDITION APPROVA

		POSSIE		OUTSIDE FACI	E OF THE CO		SURROL	IND
ID ENGINEERS DRAWINGS AND SPECIFICATIONS.	20.	AND CO	W CONNEC	TIONS INTO E	KISTING MAN	HOLES (O	r into	
AINAGE WORKS TO BE IN ACCORDANCE WITH AGE SPECIFICATION, "CIVIL ENGINEERING FOR THE WATER INDUSTRY 7th EDITION", BS EN 752) SEWER SYSTEMS OUTSIDE BUILDINGS' AND THE LATIONS APPROVED 'DOCUMENT H'.	21.	ALL PR	IVATE DRAI - -TRAFFICKE	NAGE PIPES W	VITH A COVER	R OF LESS 1200mm IN	HERWIS 5 THAN 6 N TRAFF	600mm ICKED
THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND AWINGS SHALL BE BROUGHT TO THE ENGINEERS MEDIATELY. ALL DIMENSIONS MUST BE		AREAS COMPR JOINT. BEDDE	TO BE BED RESSIBLE M WHERE CC D AND SURI	DED AND SUR ATERIAL SHAL OVER EXCEEDS ROUNDED IN C	ROUNDED IN L BE PROVID S THIS DEPTH CLASS S. REF	CONCRE ED AT EVI I, PIPES A ER TO PIF	te (cla Ery Pip Re typ Pe embe	SS Z). E ICALLY EDMENT
ON TOPOGRAPHICAL SURVEY AND CCTV SURVEY VAILABLE AT THE TIME OF THE DESIGN.	22.	WHERE UNDER IS REQI	E DRAINAGE SIDE OF TH UIRED (CLA	E PIPES ARE LE IE GROUND FL SS Z). COMPRI	ESS THAN 300 OOR SLAB, C ESSIBLE JOIN	Omm BELO ONCRETE	W THE E ENCAS	SEMENT
S ARE IN METRES AND LEVELS IN METRES ABOVE UM UNLESS OTHERWISE NOTED.	23	PROVIE	ED AT EVE	RY PIPE JOINT	WITHIN THE		TE.	
GULLY POSITIONS, AND BUILDINGS LOCATION ARE AND SHALL BE CONFIRMED BY ARCHITECT/ CHITECT. CONTRACTOR TO ALLOW FOR ADJUSTMENT	24.	SULPH	AB, CLASS	S BEDDING IS	ACCEPTABLE			
ELS ON SITE.		TO PRO	OVE THAT S	UCH PRECAUT	TIONS ARE NO		RED.	
CONTRACTIONS ARE PROVIDED TO THE OSITIONS SHOWN ON ARCHITECT AND M&E ER TO DIMENSIONED LOCATIONS AND DIAMETERS S GROUND FLOOR SETTING-OUT PLANS.	25.	WHERE FOUL SEWERS RUN ABOVE SURFACE SEWERS, CONCRETE PROTECTION MAY BE REQUIRED AT CROSSOVERS TO PREVENT ANY POTENTIAL CONTAMINATION.						
UND FOUL DRAINAGE SHOULD BE SUITABLY VENTED THE HEAD OF RUNS.	26.	ALL CONNECTIONS PASSING THROUGH BASES OR EDGE BEAMS TO BE IN SEALED SLEEVES. ALTERNATIVELY CONNECTIONS MAY BE CAST-IN WITH FLEXIBLE JOINTS NOT GREATER THAN 150MM FROM FACE OF CONCRETE.						
TINGS, STACKS, RWP'S AND GULLIES TO BE TO HAVE LOW LEVEL RODDING ACCESS PLATES ERNATIVE MEANS OF ACCESS IS AGREED. ACCESS OVE ANY GROUND FLOOR CONNECTED APPLIANCE	27. THE CHAMBER SIZE OF MANHOLES WITH MORE THAN ONE CONNECTION MAY NEED TO BE INCREASED TO ACCOMMODATE THE CONNECTIONS AND BENDS.							
FITTING REQUIRED ABOVE GROUND WHERE 12M UP TO 22M TO A JUNCTION. SMALL ACCESS ED UP TO 12M TO A JUNCTION.	 28. ALL MANHOLE COVERS IN BLOCK/SLAB AND EXTERNAL PAVING AREAS TO HAVE RECESSED COVERS OF THE APPROPRIATE GRADE TO ACCEPT ARCHITECT'S PAVING PROPOSAL. 29. ALL INTERNAL COVERS TO HAVE MECHANICALLY, JOINTED CODNERS 							
CHANNEL DRAIN OUTLETS AND TERMINATION POINTS AND RODDABLE. INTERNAL GULLIES AND CHANNEL PECIFIED BY OTHERS.	29.	29. ALL INTERINAL COVERS TO HAVE MECHANICALLY JOINTED CORNERS AND DOUBLE SEALED WITH RECESSED TRAY TO ALLOW FOR FINISHES.						
S ARE CONNECTED UPSTREAM, UNDERSLAB FW E LAID AT 1:40 MIN. AFTER THE CONNECTION OF AT A MIN. FALL OF 1:80 APPLIES.	30. •	. UNLESS NOTED OTHERWISE IN THE MANHOLE SCHEDULE MANHOLE, GULLY AND CHANNEL COVERS (IRONWORK) SH THE FOLLOWING SPECIFICATION: B125 LOAD CLASS IN PEDESTRIAN AREAS					JLE, ALL) SHOUL	D BE
INS FROM POP-UPS TO BE LAID AT A CONSTANT JNCTION/ INSPECTION CHAMBER/ MANHOLE UNLESS /ISE. ANY ISSUES RELATING TO CLASHES WITH ARE TO BE FORWARDED TO THE ENGINEER,	• 31.	ALL PR ACCOR	OAD CLASS OPRIETARY DANCE WIT	IN VEHICULAR / PRODUCTS T IH THE MANUF ID RECOMMEN	R AREAS. O BE INSTALI ACTURERS F DATIONS.	LED IN ST	RICT IENTS,	
FICIENT TIME FOR AN ALTERNATIVE SOLUTION TO BE AT MANHOLES/ INSPECTION CHAMBERS TO BE USED EWORK. PIPE GRADIENTS ARE SHOWN INDICATIVELY	32.	FOUL G GENER DISPOS MAINTE	GULLIES WIT AL WASHD GAL OF LAR ENANCE PLA	THIN GROUND OWN ONLY. TH GER SPILLS TO AN	FLOOR PARK IE PROCEDUF) BE CONFIRI	ing Area Re for Co Med And	S ARE F ONTAIN	FOR MENT & ED IN
TERS GIVEN ARE NOMINAL INTERNAL PIPE								
NLESS AGREED OTHERWISE STATED, SHALL BE:								
DIA TO BE VITRIFIED CLAY.								
POLYVINYL CHLORIDE (PVCU) WITH APPROVAL NEER.								
O BE LAID IN MAXIMUM 3 METRE LENGTHS UNLESS CIFIC OPERATIONAL NEED TO LAY LONGER LENGTHS.								
OUT OF MANHOLES TO BE AS SHORT AS	C C C	06 CHA 05 CHA 04 CHA	NGES CLOUD NGES CLOUD	ED ED ED		05.05.23 16.11.22 18.10.22	MW MW MW	MW MW MW
<u>.</u>		03 CHA 02 CHA 01 SUF	NGES CLOUD NGES CLOUD RFACE WATER	ED ED REMOVED AND F0	OUL UPDATED	18.10.22 11.07.22 25.05.22	MW MW FBR	MW MW MW
AL& UTILITY SURVEY (PROVISIONAL) DATED 09.09.20	P	11 UPC 10 STA	ATED IN LINE	WITH MCC COMM	ENTS	16.02.22 31.01.22	ATL	MW
	P P	09 STA 08 STA 07 DRA	GE 4 UPDATE GE 4 ISSUE AFT STAGE 4 IS	SSUE		24.01.22 17.12.21 10.08.21	ATL ATL MW	MW CG MW
P-ZZ-DR-A-2001 C05 GROUND FLOOR GA	Р Р ВЕ	06 DRA 05 DRA EV.	NFT STAGE 4 IS NFT STAGE 4 IS D	SSUE SSUE ESCRIPTION		21.07.21 28.06.21 DATE	MW MW DRW.	MW DS CHK.
P-00-DR-A-2301 C05 LEVEL 0 FLOOR SLAB PLAN IONS GE UNITS AND POPUP ME TAKEN FROM					I			
0-00-DR-M-5201 C03 ECT'S PLANS			_			Δ	Ē	2
X-DR-L-0101 P05 PROPOSED LANDSCAPE PLAN		Ma	nch	neste	r Ur	nive datie	ers	ity
100-EX-M3-D-7509 C03 MSCP LEVELS				INT:	s roun	uatic	л	rust
P-FN-DR-S-1701 C06 FOUNDATION GA								
TION NDARY TO BE CONFIRMED RVICES PLAN			Merr	chant Exchange, 17-19 Wh	nitworth Street West, Ma	nchester M1 5WG	5	
		C Birmingh	man WWW Civils & Structures • Transp am • Bristol • Cambridge •	Ichester@curtins.com v.curtins.com port Planning • Environmental • In • Cardiff • Douglas • Dublin • Edin	frastructure ∙ Geotechnical • C burgh • Glasgow • Kendal • Le	onservation & Heritag	e • Principal Des	igner Nottingham
ORMATION BOUNDARY TO BE CONFIRMED	PR	OJECT		NMGH	MSCP			
O SERVICES PLAN	TIT	LE	Prop	osed Dr	ainage	Layo	ut	
	STATUS PURPOSE OF ISSUE S4 FOR CONSTRUCTION							
Y INDICATED ON THIS DRAWING. Y ALL RELEVANT PROJECT TEAM MEMBERS.	DR/ MV	AWN BY V	(CHECKEE) BY	DATE 28/06	/2021	
	SC/ 1:2	ALE (@. 00	A1)		PROJECT 075805	NUMBE	ĒR	
	FILI	F DRAV	VING NUM	1BER	1			REV.

PRACTICABLE SO AS TO PROVIDE A FLEXIBLE JOINT AS CLOSE AS

20200-CUR-NM110-EX-DR-D-7511

REV. C06