



NOTE:  
BUILDING RAIN WATER PIPES AND  
HARDSTADING DRAINAGE YET TO  
BE SHOWN. FURTHER  
CLARIFICATION REQUIRED DURING  
THE DETAILED DESIGN PROCESS.

UPPER PARLIAMENT STREET

47.2m

DIVERSION OF EXISTING UNITED  
UTILITIES SEWERS REQUIRED. FURTHER  
CLARIFICATION OF THE DETAILS WILL BE  
REQUIRED AT DETAILED DESIGN STAGE.

CONFIRMATION REQUIRED TO  
DETERMINE IF THE TWO SEWERS  
ARE LIVE OR ARE TO BE MADE  
REDUNDANT. IF LIVE THEN A  
FURTHER DIVERSION WILL BE  
REQUIRED WHERE THESE PASS  
UNDER THE PROPOSED BUILDING  
FOOTPRINT.

LINE OF EXISTING COMBINED SEWER  
BASED ON UNITED UTILITIES RECORDS.  
SHAPE CAN NOT TAKE RESPONSIBILITY  
FOR EXACT LOCATION DUE TO  
POTENTIAL INACCURACY OF THESE  
RECORDS. LINE AND LEVEL TO BE  
CONFIRMED ON SITE PRIOR TO  
CONSTRUCTION COMMENCEMENT.

OVERSIZED PIPES TO ATTENUATE SURFACE WATER DISCHARGE. EXACT LENGTH  
AND STORAGE REQUIREMENT TO BE CONFIRMED AT DETAILED DESIGN STAGE

HYDROBRAKE CONTROL CHAMBER  
TO CONTROL SURFACE WATER  
DISCHARGE TO A RATE OF 6.5l/s AS  
AGREED WITH UNITED UTILITIES AND  
LEAD LOCAL FLOOD AUTHORITY.

1200mmØ  
SW MH  
CL:TBC  
IL:TBC

EXISTING 1200mm  
SW SINKER

EXISTING 1200mm  
SW SINKER

GENERAL NOTES

THIS DRAWING TO READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR / FABRICATOR PRIOR TO COMMENCEMENT OF WORKS.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

ALL WORKS TO BE CARRIED OUT IN STRICT ACCORDANCE WITH THE ENGINEER'S SPECIFICATIONS, RELEVANT BRITISH STANDARDS AND WHERE APPLICABLE LOCAL AUTHORITIES REQUIREMENTS.

DRAINAGE NOTES:

ALL DRAINAGE PROPOSALS ARE INDICATED FOR INDICATIVE PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION.

FURTHER CLARIFICATION REQUIRED REGARDING LOCATION OF SVP AND RWP LOCATIONS PRIOR TO DETAILED DESIGN.

CURRENTLY NO INVERT LEVELS HAVE BEEN INDICATED FOR THE DRAINAGE DESIGN. FURTHER INVESTIGATIONAL WORKS ARE REQUIRED TO DETERMINE DEPTHS AT THE OUTFALL LOCATIONS BEFORE THE DESIGN CAN BE CONFIRMED.

NO GULLIES OR ACO CHANNELS HAVE BEEN INDICATED FOR THE HARDSTANDING DRAINAGE. DETAILED LEVEL DESIGN REQUIRED FROM ARCHITECT BEFORE HARDSTADING DRAINAGE CAN BE INDICATED.

DRAINAGE KEY

- SITE BOUNDARY
- NEW UNITED UTILITIES FW MANHOLE
- NEW UNITED UTILITIES SW MANHOLE
- EXISTING COMBINED SEWER TO BE MADE REDUNDANT
- NEW PRIVATE COMBINED MANHOLE
- NEW COMBINE SEWER DIVERT
- NEW FW SEWER
- NEW SW SEWER
- NEW FW PPIC
- NEW SW PPIC
- NEW SW MANHOLE
- EXTG FW SEWER
- EXTG SW SEWER

shape

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PROJECT	Upper Parliament Street		
TITLE	Drainage Strategy Plan		

P04	GP	Updated Drainage strategy & Sewer Divert	13/12/18
P03	CE	Updated masterplan layout	21/03/17
P02	CE	Added agreed flow rates	21/03/17
Rev	By	Description	Date
Revision Schedule			
Client		Private	
Status	-	Purpose of Issue Information	
Designed By	CE	Approved By	-
Drawn By	GP		
Project No.	1168	Sheet No.	0001
Scale (@ A2)	1:250	DATE	13/12/2018
Rev	P04		