

MANHOLE SCHEDULE							
MANHOLE REF.	COVER LEVEL	INVERT LEVEL	CHAMBER TYPE	COVER TYPE	CHAMBER SIZE	CHAMBER DEPTH	DOWNSTEAM PIPE SIZE
FOUL WATER							
F1			REF. DRAWING 18304/S104 FOR DETAILS				
F2			REF. DRAWING 18304/S104 FOR DETAILS				
F3			REF. DRAWING 18304/S104 FOR DETAILS				
F4			REF. DRAWING 18304/S104 FOR DETAILS				
F5			REF. DRAWING 18304/S104 FOR DETAILS				
F6			REF. DRAWING 18304/S104 FOR DETAILS				
F7			REF. DRAWING 18304/S104 FOR DETAILS				
F8	116.6	116.15	TYPE 4	A15	460mmø	0.450	100mmø
F9	116.6	116.15	TYPE 4	A15	460mmø	0.450	100mmø
F10	116.6	116.15	TYPE 4	A15	460mmø	0.450	100mmø
F11	116.6	116.15	TYPE 4	A15	460mmø	0.450	100mmø

MANHOLE SCHEDULE							
MANHOLE REF.	COVER LEVEL	INVERT LEVEL	CHAMBER TYPE	COVER TYPE	CHAMBER SIZE	CHAMBER DEPTH	DOWNSTEAM PIPE SIZE
SURFACE WATER							
S1	116.60	116.10	TYPE 4 W/ CATCHPIT	A15	460mmø	0.800	150mmø
S2	116.60	116.20	TYPE 4	A15	460mmø	0.400	150mmø
S3	116.60	116.20	TYPE 4	A15	460mmø	0.400	150mmø
S4	116.51	116.15	TYPE 4 W/ CATCHPIT	A15	460mmø	0.660	150mmø
S5	116.51	116.15	TYPE 4 W/ CATCHPIT	A15	460mmø	0.660	150mmø
S6	116.51	116.15	TYPE 4 W/ CATCHPIT	A15	460mmø	0.660	150mmø
SW1	116.50	INLET 116.00 IL 115.00	SOAKAWAY	C250	1500mmø	1.500	150mmø
SW2	116.50	INLET 116.00 IL 114.50	SOAKAWAY	C250	1500mmø	2.000	150mmø
SW3	116.50	INLET 116.00 IL 114.50	SOAKAWAY	C250	1500mmø	2.000	150mmø

SPECIFIC RISKS (CDM 2015)	
SPECIFIC RESIDUAL RISKS HAVE BEEN IDENTIFIED ON THE DRAWING WITH THE FOLLOWING SYMBOLS:	
KEY:	DETAILS:
HIGH RISK  (R*)	(R1) EXCAVATION WORKS ADJACENT TO RETAINING WALL - INSTABILITY DUE TO UNDERMINING ; RISK TO SITE OPERATIVES & GENERAL PUBLIC
MEDIUM RISK  (A*)	
LOW RISK  (G*)	



- NOTES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, ENGINEER'S AND OTHER SPECIALISTS' DRAWINGS.
 - PLEASE REFER TO ARCHITECT'S DRAWINGS FOR FINAL BUILDING LOCATION
 - REFER TO DATRY'S DRAWING 18304/502 AND 503 FOR DRAINAGE DETAILS.
 - ALL DRAINAGE COMPONENTS ARE TO COMPLY WITH CURRENT BRITISH STANDARDS & BUILDING REGULATIONS REQUIREMENTS
 - AT ALL OUTFALL POINTS TO AN EXISTING NETWORK, THE POSITION AND INVERT LEVEL OF EXISTING DRAINS MUST BE CONFIRMED WELL IN ADVANCE OF THE PROGRAMMED DATE FOR INSTALLING ANY OF THE UPSTREAM DRAINAGE, OR ORDERING ANY MATERIALS IN ORDER TO ALLOW TIME FOR ANY NECESSARY REVISIONS TO THE HYDRAULIC DESIGN.
 - ALL GRAVITY PVC-U PIPEWORK TO BE TO BS 4660:2000 OR BS EN 1401-1:2009 WHERE RELEVANT UNLESS NOTED OTHERWISE
 - FINAL LOCATIONS AND DETAILS OF SOIL VENT PIPE, STUB STACKS, RAINWATER DOWN PIPES, GULLYS etc. TO BE CONFIRMED BY REFERENCE TO ARCHITECTS' DRAWINGS
 - ALL PIPES INTO MH's TO BE SOFFIT TO SOFFIT LVL U.N.O.
 - ALL NON ADOPTABLE DOMESTIC FOUL AND SURFACE WATER PIPE RUNS SHALL CONSIST OF 100mm ø PIPES LAID AT A MINIMUM FALL OF 1 IN 80 U.N.O
 - ALL CONNECTIONS FROM HIGHWAY GULLIES TO BE 150mmø LAID AT FALLS OF BETWEEN 1:20 & 1:100 WITH TYPE S BED & SURROUND TO ALL CONNECTIONS WHERE MIN 1.2m COVER IS ACHIEVED. TYPE Z BED & SURROUND TO ALL OTHER CONNECTIONS.
 - COVER LEVELS ARE APPROXIMATE AND SHOULD MATCH PROPOSED SURROUNDING LEVELS. CONTRACTOR TO USE OFFICIAL TBM'S FOR SETTING OUT.

- KEY
- SITE BOUNDARY
 - ASSUMED LINE OF EXISTING COMBINED SEWER
 - IC --- PROPOSED FOUL DRAIN RUN AND INSPECTION CHAMBERS/MANHOLES
 - SVP --- PROPOSED SOIL AND VENT PIPE
 - IC --- SURFACE WATER INSPECTION CHAMBER AND DRAIN
 - RWP --- DENOTES PROPOSED RAIN WATER PIPE
 - PROPOSED ACO DRAIN

REV	DATE	DESCRIPTION	BY	CHK	APP
REVISIONS					

CLIENT

 **BRENIG CONSTRUCTION**

 **Tai Wales & West Housing**

PROJECT

Former Victoria Garage Ruabon

TITLE

Drainage Layout

 **DATRY'S**

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DRAWN	LI	CHECKED	AC	PASSED	AC
DATE	19.03.19	CLIENT'S REF.			
SCALE: AT A1	1:100	AUTOCAD REF. 18304/501			
DRAWING No.	18304/501				REVISION