

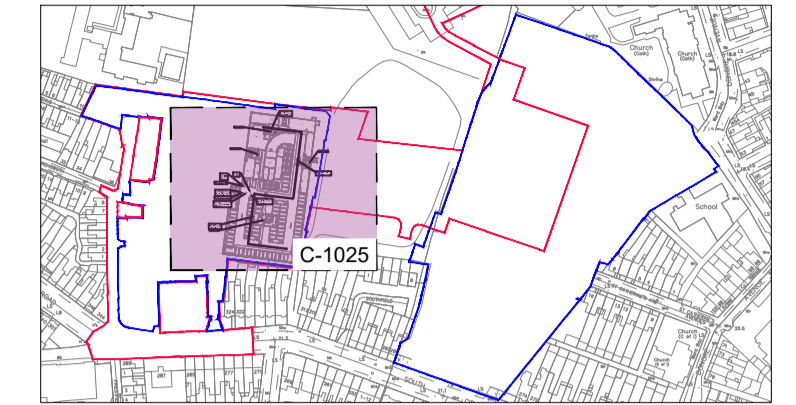
NEW SURFACE WATER MANHOLE		
MANHOLE	COVER LEVEL	INVERT LEVEL
SWICB1.0	+17.00	OUT: +16.25
SWICB1.1	+17.00	IN FROM SWICB1.0: +16.19 OUT: +16.19
SWICB1.2	+17.00	IN FROM SWICB1.1: +16.00 OUT: +15.95
SWICB1.3	+16.92	IN FROM SWICB1.2: +15.75 OUT: +15.76
SWICB2.0	+16.92	OUT: +16.17
SWMHB1.4	+16.92	IN FROM SWICB1.3: +15.52 OUT: +15.52
SWMHB1.5	+16.03	IN FROM SWMH1.4: +15.35 OUT: +15.35
SWMHB1.6	+16.92	IN FROM SWMH1.5: +15.23 IN FROM SWMH2.2: +1.47 OUT: +15.23
SWMHB2.1	+0.00	IN FROM SWICB2.0: +15.86 OUT: +1.06
SWMHB2.2	+0.00	IN FROM SWMH2.1: +1.28 OUT: +1.28



PROPOSED BASEMENT DRAINAGE LAYOUT
SCALE @ A1: 1:200
SCALE @ A3: 1:400

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.



KEY PLAN
SCALE @ A0: 1:5000
SCALE @ A2: 1:10000

CIVIL LEGEND

NEW FOUL MANHOLE		F
NEW FOUL PIPE		PIPE DESCRIPTION
EX. FOUL PIPE		PIPE DESCRIPTION
EX. SURFACE WATER MANHOLE		Ex.S
EX. SURFACE WATER PIPE		PIPE DESCRIPTION
NEW SURFACE WATER MANHOLE		S
NEW SURFACE WATER PIPE		PIPE DESCRIPTION
SOIL VENT PIPE		SVP
PAVEMENT GULLY		PG
NEW RISING MAIN		PIPE DESCRIPTION
DRAINAGE CHANNEL		
EXISTING BUILDING		
APPLICATION SITE BOUNDARY		
OWNERSHIP LINE		
BASEMENT OUTLINE		

DRAINAGE NOTES

- DRAINS TO BE CAST MONOLITHICALLY WITH THE BASEMENT SLAB TO THE STRUCTURAL ENGINEER DETAILS.
- DRAINS TO BE HDPE PIPES AND FITTINGS PE100 (SDR 11).
- MANHOLES TO BE CONSTRUCTED OF IN-SITU CONCRETE TO THE STRUCTURAL ENGINEER DETAILS AND SPECIFICATION. REFER TO BMCE DRAWING BGL-BMD-ZZ-ZZ-C-1222 FOR A TYPICAL DETAIL.
- MANHOLE COVERS TO BE MINIMUM CLASS C250 TO IS EN 124-2-2015. FRAMES AND COVERS TO BE FIXED USING POLYESTER RESIN BEDDING MATERIAL AS PER BMCE SPECIFICATION. COVERS TO MATCH FLOOR FINISH TO BE SOLID TOP OR RECESSED TO ARCHITECT DETAILS.
- INTERNAL MANHOLES (IN PLANT ROOMS) TO RECESSED TO MATCH FLOOR FINISH, CLASS C250 TO IS EN 124-2-2015 AND BE GAS, AIR AND WATER TIGHT (DOUBLE SEAL).
- PAVING GULLIES (PG) TO BE CAST IRON BODY AND FRAME. GRATINGS TO ARCHITECT DETAILS. PAVING GULLIES TO BE TRAPPED AND VARI-LEVEL UNITS. REFER TO DWG. BGL-BMD-ZZ-ZZ-C-1222 FOR DETAIL.
- CONNECTIONS FROM PAVING GULLIES (PG) TO THE MAIN DRAINAGE LINES TO BE 100MM INTERNAL DIAMETER.
- DELTA DRAIN OUTLETS (ODO) TO BE 100MM INTERNAL DIAMETER. FLOOR BUILD UP TO ARCHITECT DETAILS. DRAINAGE CHANNELS TO BE ACO MD100 OSA UNITS WITH MINIMUM CLASS C250 DUCTILE IRON LOCKABLE, HEELGUARD GRATING AND FRAME. DRAINAGE CHANNELS LOCATE AT THE TOP AND BOTTOM OF RAMP TO BE S100 RANGE WITH CLASS F900 GRATING. REFER TO DWG. BGL-BMD-ZZ-ZZ-C-1222 FOR DETAIL.
- ROUTES OF RISING MAINS FROM PUMP CHAMBERS TO BE COORDINATED WITH MECHANICAL ENGINEER.

PL2	DATE	DESCRIPTION	BY
PL2	31.05.22	PLANNING ISSUE	KS
PL1	09.11.21	ISSUED FOR PRE-APPLICATION SUBMISSION	TN

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PLANNING

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ACEI The Institution of Structural Engineers

CLIENT: **CWTC MULTI FAMILY ICAV ACTING SOLELY IN RESPECT OF ITS SUB FUND DBTR SCR1 FUND**

PROJECT TITLE	PROJECT No.
BAILEY GIBSON SHD 2	19117

REFERENCE	SUITABILITY	REVISION
BGL-BMD-ZZ-B1-DR-C-1025	S1	P01

DRAWING TITLE: **PROPOSED BASEMENT DRAINAGE LAYOUT**

DWG	DRAWING REFERENCE	STATUS	REVISION
	BGL-BMD-ZZ-B1-DR-C-1025	D2	PL2