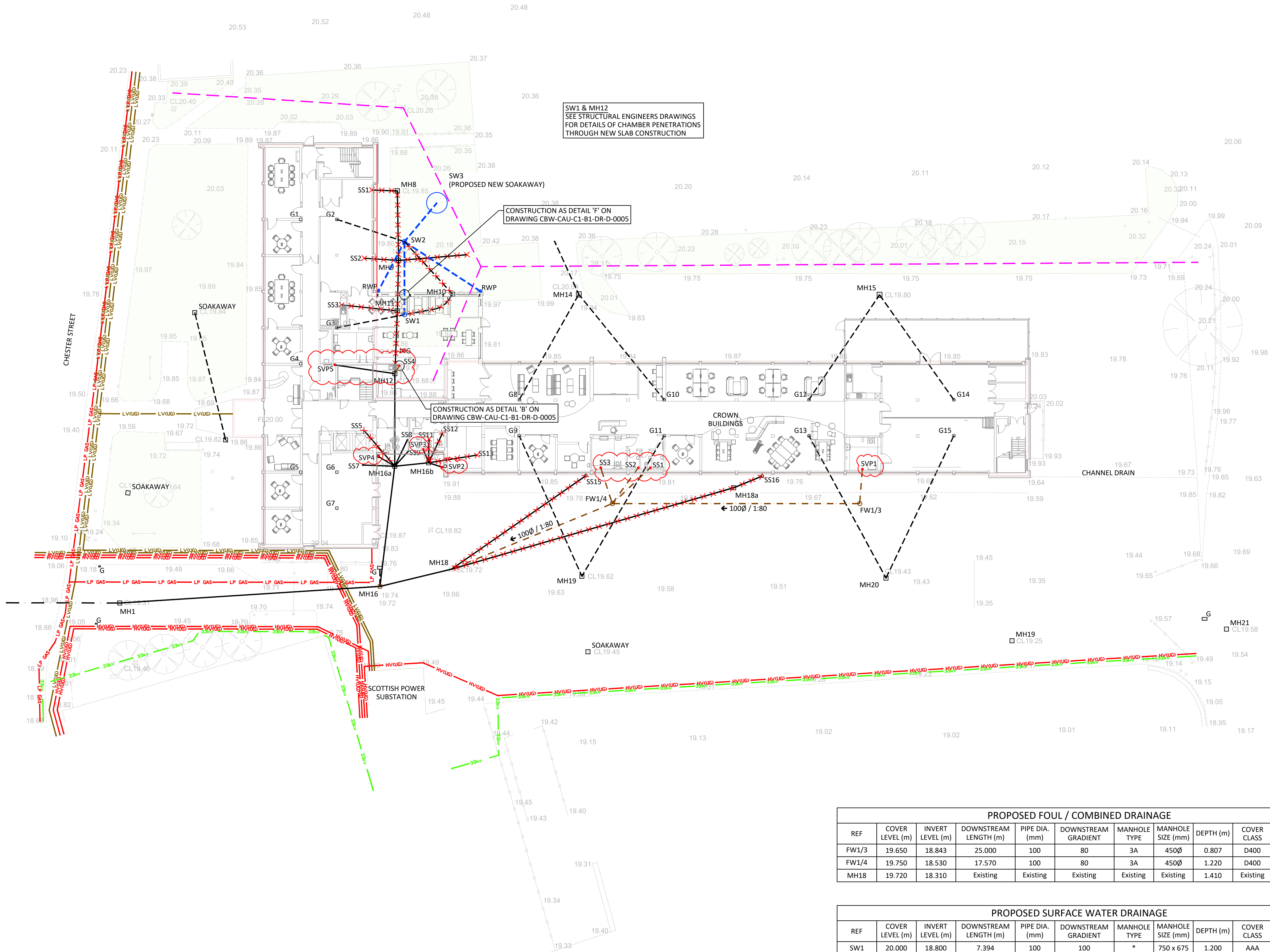
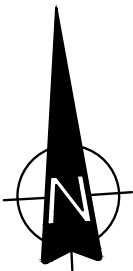




NOTE

- DO NOT SCALE FROM THIS DRAWING, WORK FROM FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES AND ALL LEVELS ARE IN METRES ABOVE ORDANCE DATUM UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS.
- REFER TO DRAWING 4373-CAU-XX-00-DR-D-1600 FOR EXISTING DRAINAGE AND SERVICES DETAILS.
- INVERT LEVELS OF SW1, SW2 & SW3 IN ABEYANCE PENDING FURTHER INVESTIGATION OF EXISTING DRAINAGE.
- FIBRE OPTIC CABLE IN VICINITY OF SW3 TO BE RE-LOCATED.
- LOCATION OF RWPS ON PROPOSED EXTENSION ASSUMED.
- ASSUMED ROUTE OF FIBRE OPTIC CABLE TAKEN FROM RECORD DRAWINGS.
- DESIGN OF SOAKAWAY SW3 IS INDICATIVE ONLY. TO BE FINALISED AFTER FURTHER INFILTRATION TESTING DURING CONSTRUCTION PHASE.
- DESIGN OF CHAMBER SW1 IS INDICATIVE ONLY. INVERT LEVEL OF INCOMING RUN FROM G3 TO BE CONFIRMED BY TRIAL PIT DURING CONSTRUCTION PHASE.

LEGEND

- PROPOSED SURFACE WATER DRAIN
- PROPOSED FOUL DRAIN
- PROPOSED COMBINED DRAIN
- EXISTING SURFACE WATER DRAIN
- EXISTING COMBINED DRAIN
- EXISTING FOUL SEWER
- SURFACE WATER DRAIN - TO BE REMOVED
- COMBINED DRAIN - TO BE REMOVED
- PROPOSED SURFACE WATER CHAMBER
- PROPOSED FOUL CHAMBER
- PROPOSED RAINWATER PIPE
- PROPOSED SUB STACK / SOIL VENT PIPE
- EXISTING DRAINAGE CHAMBER
- EXISTING GULLY
- EXISTING ROOF GULLY
- EXISTING SOIL STACK
- EXISTING FIBRE OPTIC CABLE (SEE NOTE 7)

P05	SS/SVP POSITIONS AMENDED TO SUIT REVISED M&E LAYOUT	CR	DH	DH
P04	STAGE 4 ISSUE	CR	DH	DH
P03	PROPOSED SURFACE WATER ADDED	CR	DH	DH
P02	PROPOSED FOUL LAYOUT AMENDED	CR	DH	DH
P01	ISSUED FOR INFORMATION	CR	DH	DH
REV	MODIFICATIONS	BY	RE	AP
PURPOSE OF ISSUE				STATUS
FOR APPROVAL				S4

CLIENT:

PROJECT:

CROWN BUILDINGS
WREXHAM

TITLE:

PROPOSED DRAINAGE LAYOUT

DESIGNED BY	DH	DRAWN BY	CR	REVIEWED BY	DH	AUTHORISED BY	DH
DATE	24.04.2020	SCALE @ A1	1:200	JOB REF:	4373	REVISION	P05

DRAWING NUMBER

CBW-CAU-C1-B1-DR-D-0002

PROPOSED FOUL / COMBINED DRAINAGE									
REF	COVER LEVEL (m)	INVERT LEVEL (m)	DOWNSTREAM LENGTH (m)	PIPE DIA. (mm)	DOWNSTREAM GRADIENT	MANHOLE TYPE	MANHOLE SIZE (mm)	DEPTH (m)	BED AND SURROUND
FW1/3	19.650	18.843	25.000	100	80	3A	450Ø	0.807	D400 Z
FW1/4	19.750	18.530	17.570	100	80	3A	450Ø	1.220	D400 S
MH18	19.720	18.310	Existing	Existing	Existing	Existing	Existing	1.410	Existing

PROPOSED SURFACE WATER DRAINAGE									
REF	COVER LEVEL (m)	INVERT LEVEL (m)	DOWNSTREAM LENGTH (m)	PIPE DIA. (mm)	DOWNSTREAM GRADIENT	MANHOLE TYPE	MANHOLE SIZE (mm)	DEPTH (m)	BED AND SURROUND
SW1	20.000	18.800	7.394	100	100	*	750 x 675	1.200	AAA S
SW2	19.940	18.726	5.111	100	100	8	600	1.180	B125 S
SW3	20.200	18.675	-	-	-	Soakaway	1800	1.481	B125 -

* SEE DRAWING CBW-CAU-C1-B1-DR-D-0005 FOR MANHOLE CONSTRUCTION DETAIL