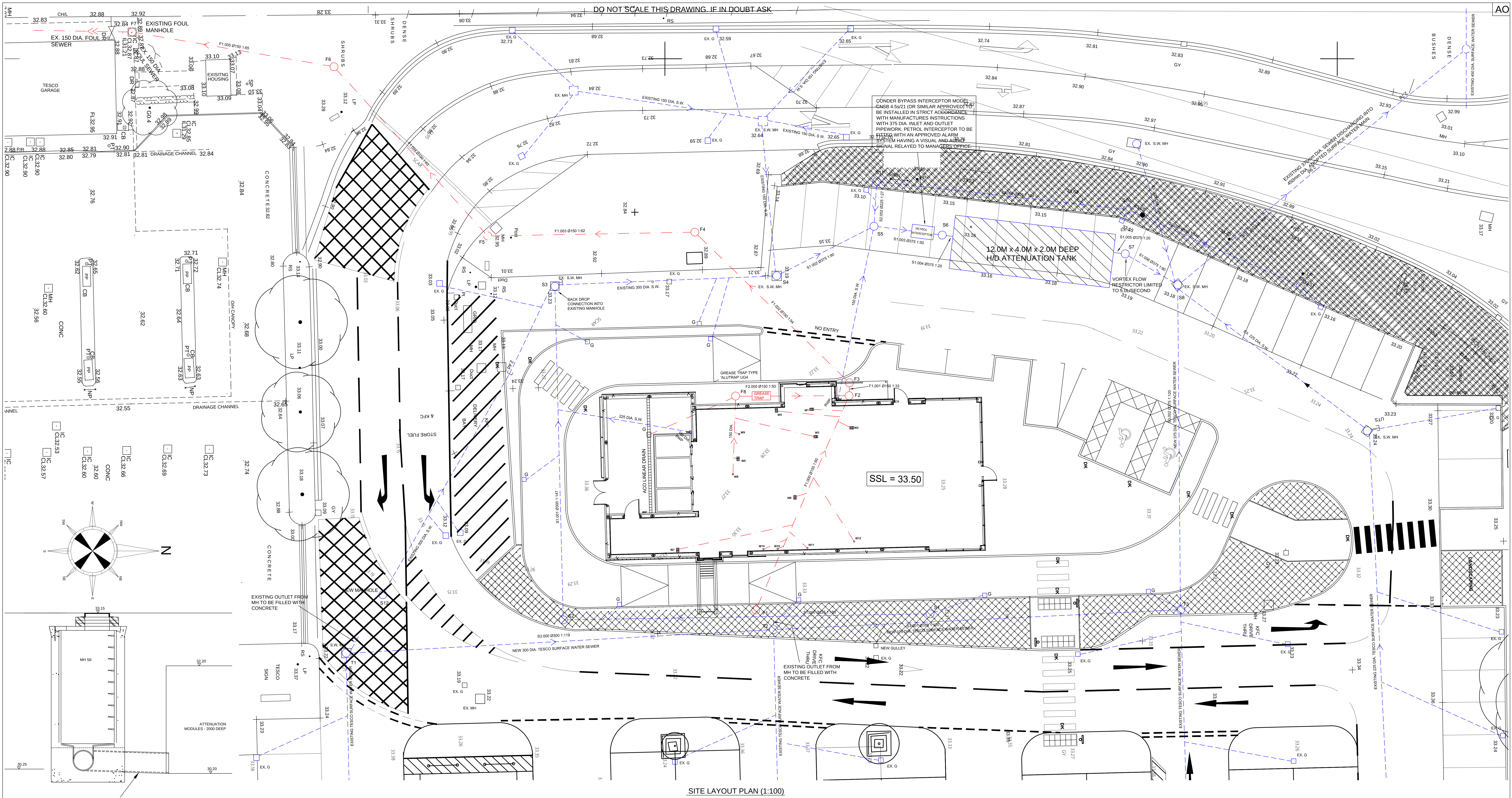
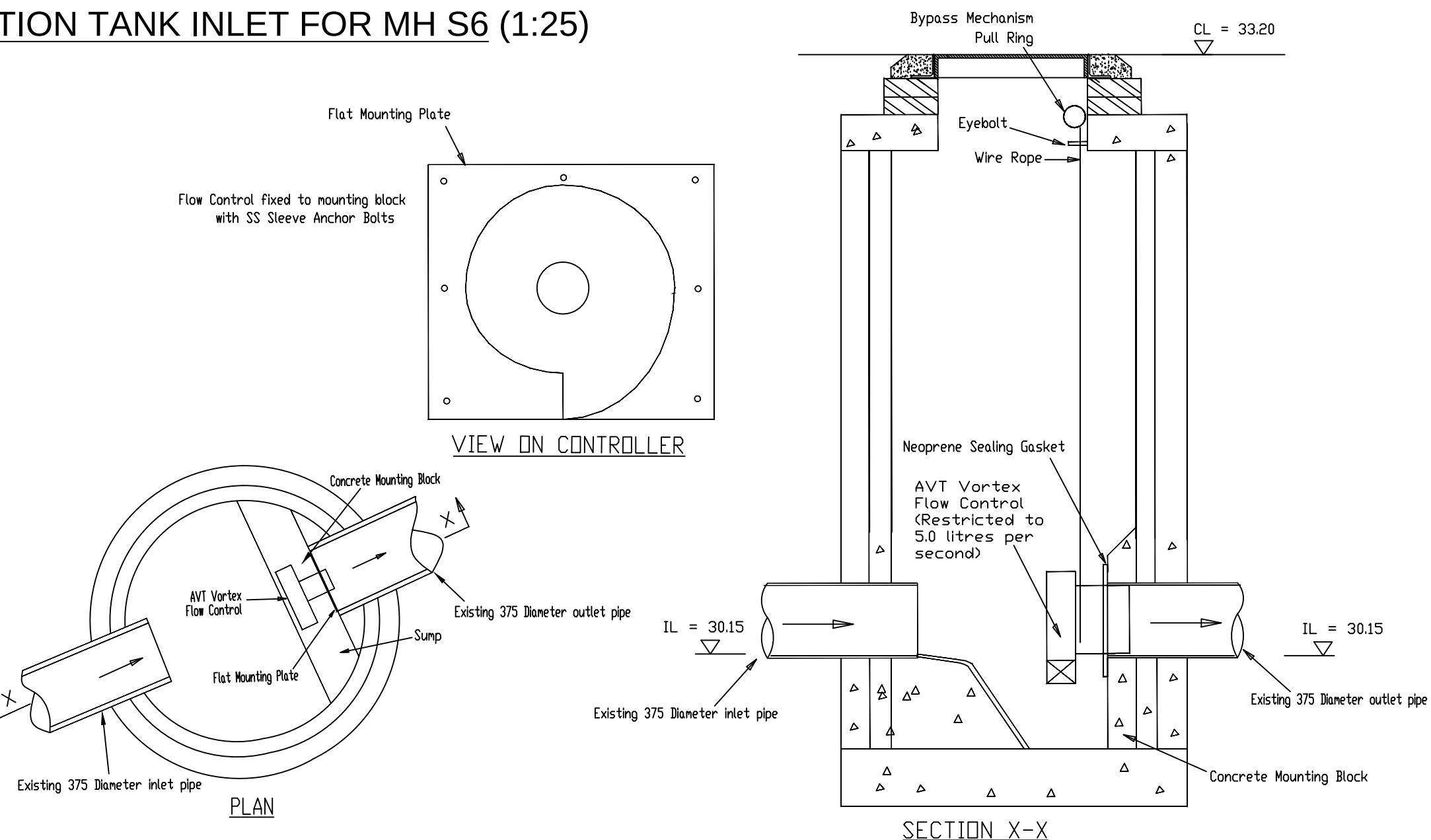




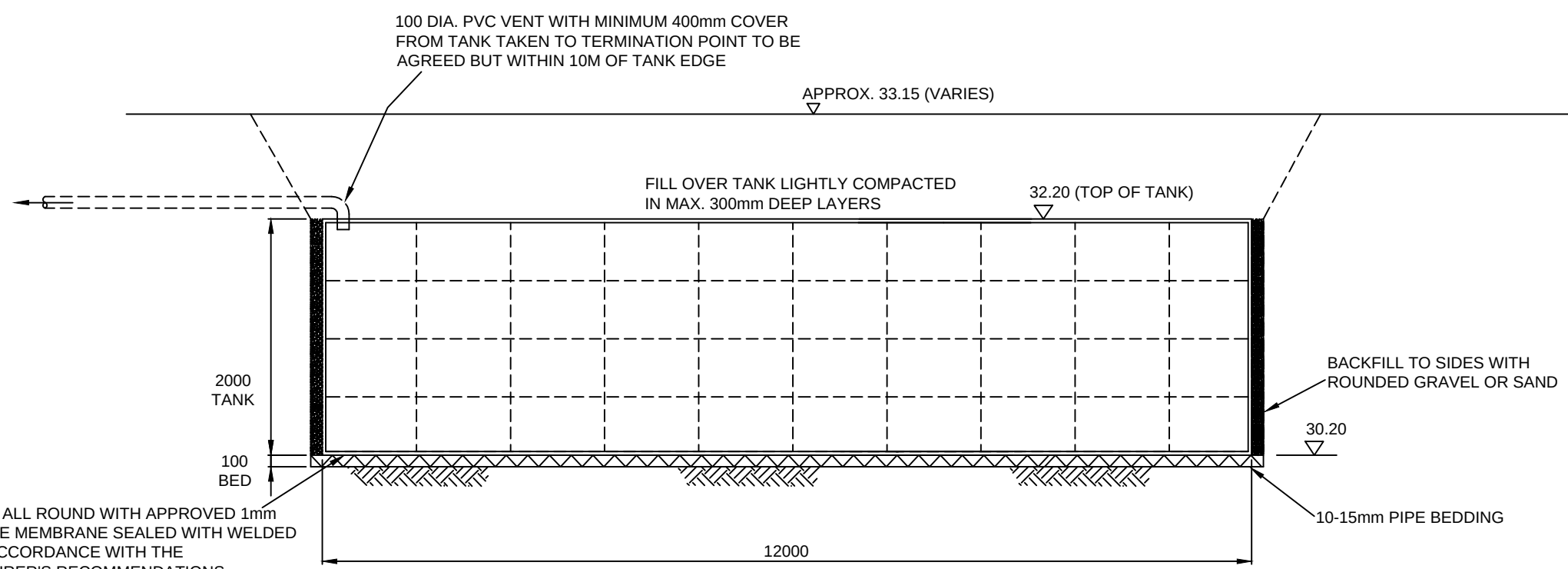
SITE LAYOUT PLAN (1:100)

ATTENUATION TANK INLET FOR MH S6 (1:25)



MANHOLE S7 - VORTEX FLOW CONTROL INSTALLATION DRAWING
SHOWING MOUNTING BLOCK METHOD OF INSTALLATION

NOTE: INVERT LEVELS OF EXISTING
TESCO SEWERS AT T1, T2, T3 AND S8 TO
BE CONFIRMED ON SITE PRIOR TO
COMMENCEMENT OF DRAINAGE WORKS



ATTENUATION TANK CROSS-SECTION (1:50)

FOUL WATER DRAINAGE									
Pipe Code	Pipe Type	Diameter (mm)	Gradient (1)	Pipe Length	Upstream Manhole Number	Invert	Cover	Downstream Manhole Number	Invert
F1.000	CLAY	150	60	17.5	F1	32.65	33.45	F2	32.33
F1.001	CLAY	150	33	1.8	F2	32.33	33.45	F3	32.30
F1.002	CLAY	150	54	16.0	F3	32.30	33.40	F4	32.00
F1.003	CLAY	150	62	15.5	F4	32.00	32.85	F5	31.75
F1.004	CLAY	150	63	17.0	F5	31.75	32.95	F6	31.48
F1.005	CLAY	150	65	15.0	F6	31.48	33.12	F7	31.25
F2.000	CLAY	150	50	8.5	F8	32.50	33.40	F2	32.33

NOTE: ALL SEWERS IN TRAFFICED AREAS TO HAVE 150 CONCRETE SURROUND WHERE COVER IS LESS THAN 0.9 METRES

SURFACE WATER DRAINAGE									
Pipe Code	Pipe Type	Diameter (mm)	Gradient (1)	Pipe Length	Upstream Manhole Number	Invert	Cover	Downstream Manhole Number	Invert
S1.000	CLAY	225	180	27.0	S1	32.60	33.30	S2	31.85
S1.001	CLAY	300	147	25.0	S2	31.77	33.30	EX. MH S3 *	31.60
S1.002	CLAY	EX. 300 DIA.	87	16.5	EX. MH S3 *	30.66	33.20	EX. MH S4 *	30.53
S1.003	CLAY	375	80	8.0	EX. MH S4 *	30.45	33.20	S5	30.35
S1.004	CLAY	375	85	15	S5	30.35	33.15	ATTENUATION TANK	30.25
S1.005	CLAY	375	20	1.0	ATTENUATION TANK	30.25	33.15	S7	30.15
S1.006	CLAY	375	90	4.5	S7	30.15	33.20	EX. MH S8 *	30.10
S2.000	CLAY	150	140	14.0	S9	32.00	33.25	S10	31.90
S2.001	CLAY	225	109	18.5	S10	31.82	33.25	S11	31.65
S2.002	CLAY	225	27	4.0	S11	31.65	33.20	S15	31.50
S3.000	CLAY	300	119	22.0	EX. MH T1 *	30.90	33.21	T2 *	30.63
S3.001	CLAY	375	120	30.0	T2 *	30.55	33.25	T3 *	30.38
S3.002	CLAY	375	120	24.0	T3 *	30.30	33.40	EX. MH S8 *	30.10

NOTE: ALL SEWERS IN TRAFFICED AREAS TO HAVE 150 CONCRETE SURROUND WHERE COVER IS LESS THAN 0.9 METRES
* INVERT LEVELS OF EXISTING MHS T1, S3, S4, S8 & NEW MHS T2, T3, S5, S6 & S7 T.B.C.

F	SIZE & LOCATION OF ATTENUATION TANK REVISED, MANHOLE LOCATIONS REVISED TO SUIT.	NC	APR 24
E	SIZE OF ATTENUATION TANK REVISED, FLOW RESTRICTOR CHANGED TO 5.0 L/SECOND, LOCATIONS OF MANHOLES S6 & S7 REVISED, NEW 375 DIA. S.W. PIPE FROM EX. MH S4 TO EX. MH S8	NC	NOV 22
D	LOCATION OF EXISTING MANHOLE F7 REVISED, FOUL DRAINAGE INVERT LEVELS REVISED TO SUIT.	NC	FEB 22
C	MH F1 MOVED TO AVOID CANOPY FOUNDATION	NC	FEB 22
B	POP-UP LOCATIONS REVISED TO ARCHITECTS DETAILS	NC	FEB 22
A	LEVELS REMOVED & DRAINAGE SCHEDULE & DETAILS ADDED	NC	FEB 22
Rev.	Description	By	Date



Client		CHICKEN CABINS LTD.	
Site address		KFC DRIVE THROUGH SECTION OF TESCO CAR PARK ALTRINCHAM ROAD, BAGULEY, MANCHESTER, M23 9TJ.	
Title		DRAINAGE DETAILS (SHEET 1 OF 2)	
Consulting Engineers		Stevenson Calam Associates	
ORNHAMS HALL, BOROUGHBRIDGE, NORTH YORKSHIRE, YO51 5BH. Telephone: (01423) 530599 Facsimile: (01423) 530528 Email: stevenson-calam@connect.com		SCA	
Project Manager/ Checked	Drawn By	Scale	Date
NC	AS SHOWN		FEB. 2022
Arch./Des. GS	Drawing Number	1747-4/1	Rev. F