DO NOT SCALE THIS DRAWING. IF IN DOUBT ASK

AO

EX. 150 DIA. FOUL SEWER

EXISTING FOUL MANHOLE

APPROX. 12.0 M LENGTH OF EXISTING 150mm DIA. SEWER RUN (APPROX. 1.8 M DEPTH) BETWEEN EXISTING MANHOLES TO BE REPLACED

EX. 150 DIA. FOUL SEWER

F1.005 Ø150 1:65

F1.004 Ø150 1:65

F1.003 Ø150 1:62

F1.002 Ø300 1:150

F1.001 Ø150 1:33

F2.000 Ø150 1:50

S1.000 Ø225 1:195

S1.001 Ø300 1:156

S1.002 Ø225 1:74

S2.000 Ø225 1:94

S1.003 Ø375 1:72

S1.004 Ø375 1:20

S1.005 Ø375 1:20

S1.006 Ø375 1:90

CONDER BYPASS INTERCEPTOR MODEL CNSB 4.5s/21 (OR SIMILAR APPROVED) TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURES INSTRUCTIONS WITH 375 DIA. INLET AND OUTLET PIPEWORK. PETROL INTERCEPTOR TO BE FITTED WITH AN APPROVED ALARM SYSTEM HAVING A VISUAL AND AUDIO SIGNAL RELAYED TO MANAGERS OFFICE.

12.0M x 4.0M x 1.0M DEEP H/D ATTENUATION TANK I.L. = 31.50

2 No. 300 DIA. CONNECTING PIPES @ I.L. 31.50

VORTEX FLOW RESTRICTOR LIMITED TO 5.0L/SECOND

MANHOLES S4 & S5 TO BE SILT TRAPS

GREASE TRAP TYPE 'ALUTRAP' UG4

SSL = 33.50

EXISTING OUTLET FROM MH TO BE FILLED WITH CONCRETE

EXISTING OUTLET FROM MH TO BE FILLED WITH CONCRETE

EXISTING 375mm DIA. SEWER DISCHARGING INTO 450mm DIA. ADOPTED SURFACE WATER MAIN

EXISTING 450 DIA. SURFACE WATER SEWER

EXISTING 225 DIA. TESCO SURFACE WATER SEWER

EXISTING TESCO SURFACE WATER SEWER

EXISTING 300 DIA. TESCO SURFACE WATER SEWER

EXISTING 225 DIA. TESCO SURFACE WATER SEWER

NEW 300 DIA. TESCO SURFACE WATER SEWER

EX. G LVL = 33.24 NEW LVL = 33.30

EX. G LVL = 33.25 NEW LVL = 33.30

EX. G LVL = 33.27 NEW LVL = 33.32

EX. G LVL = 33.26 NEW LVL = 33.30

FOUL WATER DRAINAGE

Pipe Code	Pipe Type	Diameter (mm)	Gradient (1:)	Pipe Length	Upstream Manhole Number	Upstream Manhole Invert	Upstream Manhole Cover	Downstream Manhole Number	Downstream Manhole Invert	Downstream Manhole Cover
F1.000	CLAY	150	60	17.5	F1	32.65	33.45	F2	32.33	3345
F1.001	CLAY	150	33	1.0	F2	32.33	33.45	F3	32.30	33.40
F1.002	CLAY	150	54	16.0	F3	32.30	33.40	F4	32.00	32.85
F1.003	CLAY	150	62	15.5	F4	32.00	32.85	F5	31.75	32.95
F1.004	CLAY	150	63	17.0	F5	31.75	32.95	F6	31.48	33.12
F1.005	CLAY	150	65	15.0	F6	31.48	33.12	F7	31.25	32.87
F2.000	CLAY	150	50	8.5	F8	32.50	33.40	F2	32.33	33.45

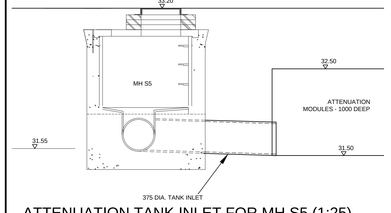
NOTE: ALL SEWERS IN TRAFFICED AREAS TO HAVE 150 CONCRETE SURROUND WHERE COVER IS LESS THAN 0.9 METRES

SURFACE WATER DRAINAGE

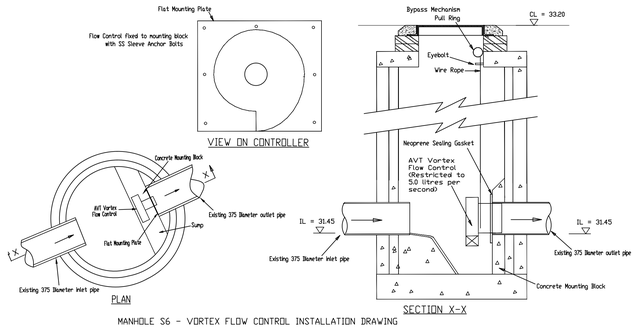
Pipe Code	Pipe Type	Diameter (mm)	Gradient (1:)	Pipe Length	Upstream Manhole Number	Upstream Manhole Invert	Upstream Manhole Cover	Downstream Manhole Number	Downstream Manhole Invert	Downstream Manhole Cover
S1.000	CLAY	225	195	39.0	S1	32.30	33.30	S2	32.10	33.26
S1.001	CLAY	300	156	26.5	S2	32.02	33.26	S3	31.85	32.90
S1.002	CLAY	300	150	22.5	S3	31.85	32.90	S4	31.70	33.15
S1.003	CLAY	375	72	5.0	S4	31.62	33.15	S5	31.55	33.20
S1.004	CLAY	375	20	1.0	S5	31.55	33.20	ATTENUATION TANK	31.50	33.15 (VARIES)
S1.005	CLAY	375	20	1.0	ATTENUATION TANK	31.50	33.15 (VARIES)	S6	31.45	33.20
S1.006	CLAY	375	90	4.5	S6	31.45	33.20	S7 ✱✱	31.40 (30.10)	33.20
S2.000	CLAY	225	94	14.0	S8	32.25	33.25	S9	32.10	33.25
S2.001	CLAY	225	74	18.5	S9	32.10	33.25	S10	31.85	33.20
S2.002	CLAY	225	58	4.0	S10	31.85	33.20	S4	31.78	33.15
S3.001	CLAY	300	76	30.0	T1 ✱	30.693	33.35	T2 ✱	30.30	33.40

NOTE: ALL SEWERS IN TRAFFICED AREAS TO HAVE 150 CONCRETE SURROUND WHERE COVER IS LESS THAN 0.9 METRES
✱ INVERT LEVELS OF EXISTING MH T1, S7 & NEW MH T2 T.B.C.
✱✱ M.H. S7 IS A BACKDROP MANHOLE

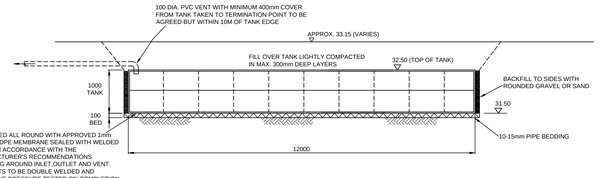
SITE LAYOUT PLAN (1:100)



ATTENUATION TANK INLET FOR MH S5 (1:25)



MANHOLE S6 - VORTEX FLOW CONTROL INSTALLATION DRAWING SHOWING MOUNTING BLOCK METHOD OF INSTALLATION



ATTENUATION TANK CROSS-SECTION (1:50)

L	ISSUED AS-BUILT	NC	NOV 24
K	SURFACE WATER & ATTENUATION TANK DETAILS REVISED	NC	JUN 24
J	NOTE ADDED FOR APPROX. 12.0M LENGTH OF EXISTING 150mm DIA. SEWER FROM MH F7 TO BE REPLACED.	NC	MAY 24
H	POP-UP LOCATIONS REVISED TO ARCHITECTS LATEST DETAILS	NC	MAY 24
G	KERB LINES UPDATED TO LATEST ARCHITECTS DETAILS, GULLEY LOCATIONS REVISED TO SUIT	NC	MAY 24
F	SIZE & LOCATION OF ATTENUATION TANK REVISED, MANHOLE LOCATIONS REVISED TO SUIT.	NC	APR 24
E	SIZE OF ATTENUATION TANK REVISED, FLOW RESTICTOR 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)

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Project Manager/ Checked	Drawn By	Scale	Date
	NC	AS SHOWN	FEB. 2022
Arch./Des. GS	Drawing Number 1747-4/1		Rev. L