THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND SPECIFICATIONS. DO NOT SCALE FROM THIS DRAWING. FIGURE DIMENSION ONLY TO BE USED. ALL DIMENSIONS ARE IN MILLIMETERS EXCEPT WHERE SHOWN. ANY DISCREPANCIES ON THIS DRAWING OR ON SITE ARE TO BE REPORTED TO THE ENGINEER. THIS DRAWING IS THE PROPERTY OF STINGRAY ENVIRONMENTAL ENGINEERING LTD, IT IS A CONFIDENTIAL DOCUMENT AND MUST NOT BE COPIED, OR ITS CONTENT DIVULGED WITHOUT PRIOR WRITTEN CONSENT.

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S

EXISTING 825 CO FOUL WATER PIPE @ 1:96

EX.F1
CL:54.170
IL:50.860

EXISTING 825 CO FOUL WATER PIPE

EX.F2
CL:53.500
IL:50.620

EXISTING 825 CO FOUL WATER PIPE @ 1:1260

EX.F3
CL:51.400
IL:50.570

EXISTING 825 CO FOUL WATER PIPE

RIVER

PROPOSED PRECAST CONCRETE FOUL WATER PUMPING STATION. FOR DETAILS PLEASE REFER TO DRAWING 645-C02 DETAIL 'A'

EXISTING 50ø HDPE FOUL WATER RISING MAINS TO BE DECOMMISSIONED

Templeogue Bridge

DODDER CATCHMENT FLOOD RISK ASSESSMENT AND MANAGEMENT STUDY – FLUVIAL FLOODING FIGURE NO.: DR/EXT/UA/CURS/101, 0.1 % AEP FLOOD EXTENT (1 IN 1000 CHANCE IN ANY GIVEN YEAR)

RIVER

PROPOSED 100ø UPVC FOUL WATER PIPE @ 1:60

RIVER

EXISTING FOUL WATER PUMPING STATION TO BE DECOMMISSIONED

PROPOSED 50ø HDPE FOUL WATER RISING MAINS

PROPOSED 150ø UPVC SURFACE WATER PIPE @ 1:30

EXISTING 50ø HDPE FOUL WATER RISING MAINS

EXISTING 50ø HDPE FOUL WATER RISING MAINS

OLD BRIDGE ROAD

EX.F5
CL:54.460
EIL:53.760 TBC
IL: 53.260 TBC

EXISTING 50ø HDPE FOUL WATER RISING MAINS

EX.F6

EXISTING FOUL WATER PIPE TBC

PROPOSED 150ø UPVC SURFACE WATER PIPE @ 1:25

PROPOSED CULTEC (OR SIMILAR APPROVED) STORM WATER MANAGEMENT SYSTEM A WITH TOTAL INFILTRATION. SYSTEM DESIGNED FOR 100 YEAR STORM + 20% INCREASE IN RAINFALL DEPTH (FOR CLIMATE CHANGE). TOTAL STORAGE = 15.7 m3, COLLECTION AREA = 300.0 m2, INFILTRATION RATE = 0.0000165 m/s. FOR DETAILS PLEASE REFER TO DRAWING 645-C02 SECTION 'A-A'

GFL 52.39

F1	PROPOSED PRECAST CONCRETE FOUL WATER PUMPING STATION
F2	PROPOSED FOUL WATER MANHOLE
	PROPOSED FOUL WATER PIPE
EX.F1	EXISTING FOUL WATER MANHOLE
	EXISTING FOUL WATER PIPE
S1	PROPOSED SURFACE WATER MANHOLE
	PROPOSED SURFACE WATER PIPE

- ALL DRAINAGE WORKS TO COMPLY WITH CURRENT BUILDING REGULATIONS AND GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS
- PROPOSED FOUL WATER DRAINAGE AND WATER SUPPLY TO COMPLY WITH CURRENT IRISH WATER STANDARDS
- ALL DRAINAGE COVERS AND FRAMES SHALL COMPLY WITH IS/EN 124 CLASS D400 FOR TRAFFICKED AND CLASS B125 FOR NOT TRAFFICKED SURFACES
- ALL PROPOSED RAINWATER DOWN PIPES TO BE FITTED WITH ACCESS PLATE/FITTING (REMOVABLE AND READILY ACCESSIBLE FOR MAINTENANCE PURPOSES).
- PROPOSED SOAKAWAY TO BE CONSTRUCTED IN ACCORDANCE WITH BRE DIGEST 365
- IT IS PROPOSED TO RE-USE EXISTING WATER SUPPLY NETWORK

MANHOLE NAME	COVER LEVEL	ENTRY INVERT LEVEL	INVERT LEVEL	DISTANCE	FALL	PIPE INTERNAL DIAMETER	MANHOLE DEPTH
M (X)	m	m	m	m	1: x	mm	m
F2	51.200		50.742				0.458
F1	51.200	50.700	49.400	2.5	60	100	1.800
F3	51.300	50.600	50.400	3.5	RISING MAINS	50	0.900
S1	52.150		51.200				0.950
S2	52.000	50.904	50.904	7.4	25	150	1.096
S3	51.100	50.348	50.348	13.9	25	150	0.752
CULTEC	51.000	50.344	49.975	0.5	120	225	1.025
S4	51.300		50.600				0.700
S3	51.100	50.490	50.348	3.3	30	150	0.752

CLARIFICATION OF ADDITIONAL INFORMATION
DECISION ORDER NUMBER: 0308
REGISTER REFERENCE: SD21B/0589

REV.	DATE	DESCRIPTION
A	21.03.2022	CLARIFICATION OF AI

CLIENT:
BRIAN AND LAUREN MONAGHAN

PROJECT:
TIG MHUIRE, OLD BRIDGE ROAD, TEMPLEOGUE, DUBLIN 16

DRAWING TITLE:
PROPOSED SITE LAYOUT PLAN

STINGRAY ENVIRONMENTAL ENGINEERING
STINGRAY ENVIRONMENTAL ENGINEERING LTD.
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Stamullen, Co. Meath
K32VK76
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SCALE: 1:250 @ A2	DWG. STATUS: CLARIFICATION OF AI
DATE: FEBRUARY 2022	DRAWN BY: W. DEBOWSKI
DRAWING NUMBER: 645-C01	REVISION: A