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- F1** PROPOSED PRECAST CONCRETE FOUL WATER PUMPING STATION
- F2** PROPOSED FOUL WATER MANHOLE
- PROPOSED FOUL WATER PIPE
- EX.F10** 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 E 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 | 51.350 | | 50.837 | | | | 0.513 |
| F1 | 51.260 | 50.760 | 49.460 | 4.6 | 60 | 100 | 1.800 |
| EX.F4 | 54.460 | 53.760 | 53.260 | 61.3 | RISING MAINS | 75 | 1.200 |

| | | | | | | | |
|--------|--------|--------|--------|------|-----|-----|-------|
| 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 |

ADDITIONAL INFORMATION
DECISION ORDER NUMBER: 0067
REGISTER REFERENCE: SD21B/0589

| REV. | DATE | DESCRIPTION |
|------|------|-------------|
|------|------|-------------|

CLIENT:
 BRIAN AND LAUREN MONAGHAN



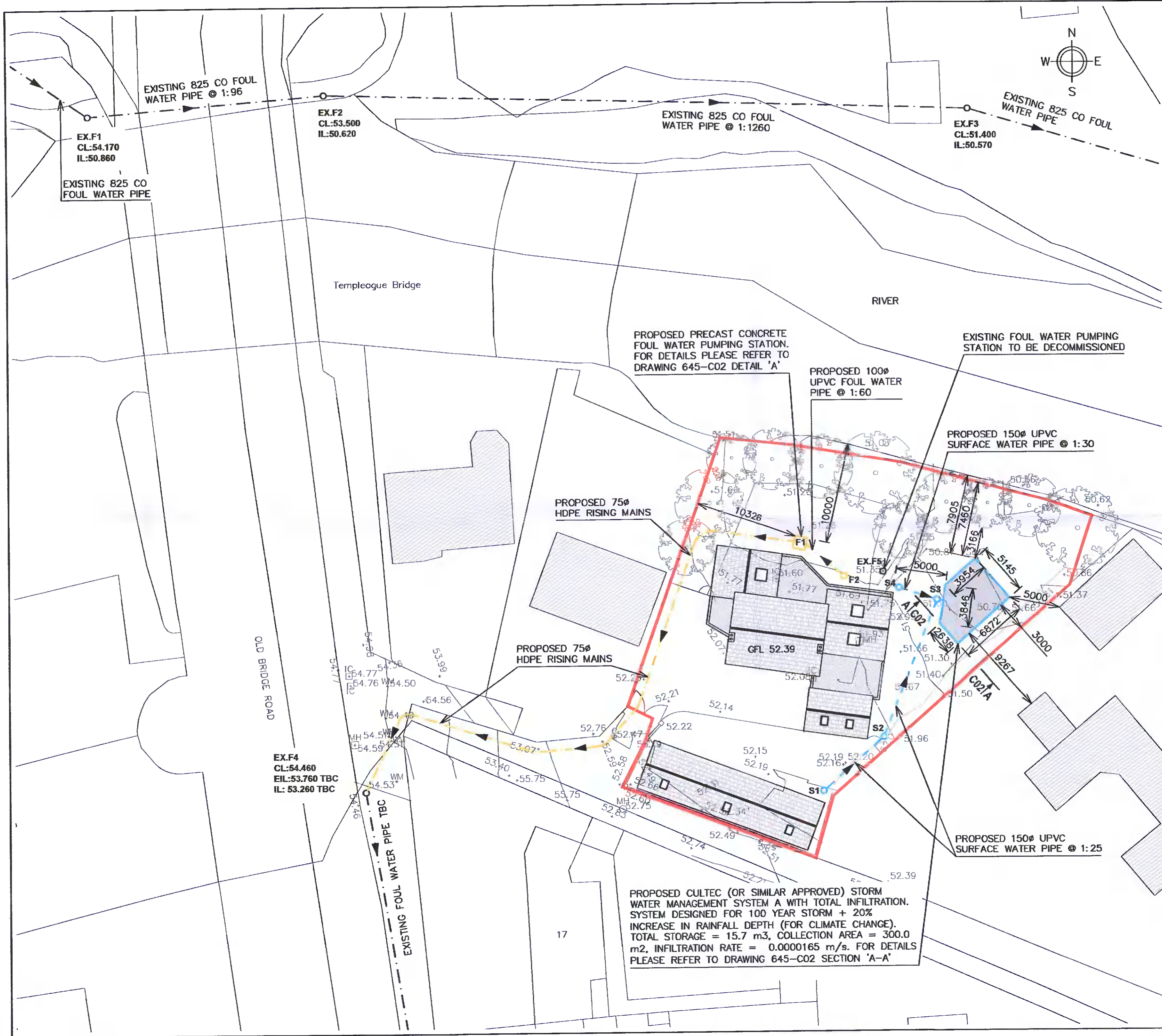
PROJECT:
 TIG MUIRE, OLD BRIDGE ROAD, TEMPLEOGUE, DUBLIN 16

STINGRAY ENVIRONMENTAL ENGINEERING LTD.
 2 Forgehill Close
 Stamullen, Co. Meath
 K32VK76

DRAWING TITLE:
 PROPOSED SITE LAYOUT PLAN

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| | |
|-------------------------|-------------------------------------|
| SCALE: 1:250 @ A3 | DWG. STATUS: ADDITIONAL INFORMATION |
| DATE: FEBRUARY 2022 | DRAWN BY: W. DEBOWSKI |
| DRAWING NUMBER: 645-C01 | REVISION: |



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'

OLD BRIDGE ROAD

Templeogue Bridge

RIVER

EXISTING FOUL WATER PUMPING STATION TO BE DECOMMISSIONED

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

PROPOSED 100 UPVC FOUL WATER PIPE @ 1:60

PROPOSED 150 UPVC SURFACE WATER PIPE @ 1:30

PROPOSED 75 HDPE RISING MAINS

PROPOSED 75 HDPE RISING MAINS

PROPOSED 150 UPVC SURFACE WATER PIPE @ 1:25

EX.F4
 CL:54.460
 EIL:53.760 TBC
 IL: 53.260 TBC

EXISTING FOUL WATER PIPE TBC

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