

**NOTES:**

- This drawing to be read in conjunction with all relevant Architects and Engineers drawings.
- Do not scale drawing.
- All dimensions in millimeters unless otherwise stated.
- All building works to comply with current building regulations.
- All Foul & Surface Water Drainage To B.S. 4514 / I.S. EN 1329-1
- All levels to OD Malin Head

SURFACE WATER LINE		
MANHOLE	COVER LEVEL	INVERT LEVEL
S0 (EX)	113.50	112.30
S1	113.90	112.55
S2	115.50	112.90
S3	116.50	115.22
S4	117.00	115.48
S5	117.30	115.80
S6	117.50	116.70
S7	117.80	116.80
S8	113.90	112.70
S9	115.90	113.10
S10	115.99	113.15
S11	115.99	113.09

FOUL WATER LINE		
MANHOLE	COVER LEVEL	INVERT LEVEL
F0 (EX)	113.80	112.80
F1	113.90	113.10
F2	115.66	113.80
F3	116.50	114.01
F4	116.85	114.17
F5	117.00	114.30
F6	117.20	114.62
F7	117.30	115.05
F8	117.60	115.50

**NOTES:**

- This drawing to be read in conjunction with all relevant Architects and Engineers drawings.
- All concrete to be grade 35n/20 with a crushing strength of 35n/mm<sup>2</sup> after 28 days.
- Minimum of 150mm bearing on all precast elements.
- Reinforcement to have a minimum of 40mm clear cover of concrete unless otherwise noted.
- Do not scale drawing.
- All dimensions in millimeters unless otherwise stated.
- Foundations to be formed atleast equal depth to existing foundations on suitable bearing strata with capacity of 100 kn/sq.m. to be inspected by engineers office.
- Engineers office to be notified 24 hours before concrete pour.
- Foundation design subject to no presence of water. Engineers office to be notified if soil conditions differ.
- D.P.C., D.P.M. and Radon Barrier to Architects specification
- Refer to Architects drawings for setting dimensions and finishing details.
- All dimensions and setting out to be confirmed and checked with Architects drawings. Any discrepancies to be disclosed to architects and Engineers office.
- All building works to comply with current building regulations.

Rev.	Revision	Date:
A	ISSUED FOR FURTHER INFO.	06/23

Client: **Ciaran Reilly**

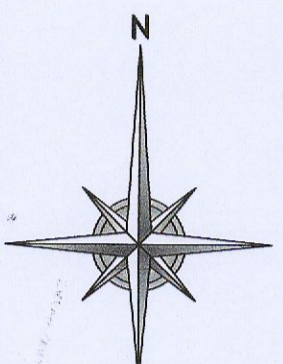
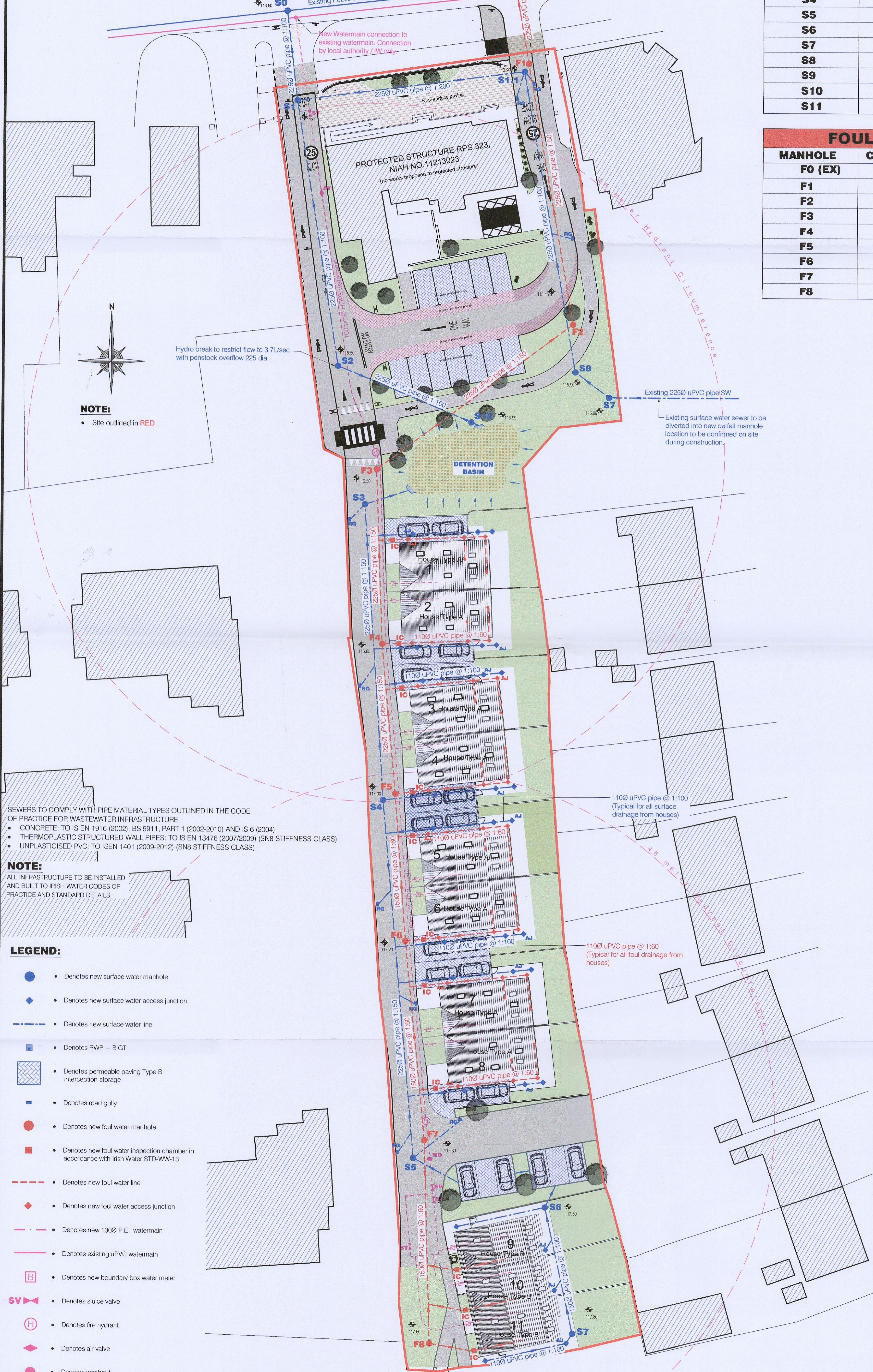
Job Title: **PROPOSED DEVELOPMENT AT MAIN STREET RATHCOOLE, Co. DUBLIN**

Drawing Title: **PROPOSED DRAINAGE LAYOUT**

Scale: **1:250** Drawn by: **TON**  
 Date: **May'22** Checked by:

Dwg No: **2317/01** Rev: **A**

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**NOTE:**  
 • Site outlined in RED

Hydro break to restrict flow to 3.7L/sec with penstock overflow 225 dia.

SEWERS TO COMPLY WITH PIPE MATERIAL TYPES OUTLINED IN THE CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE.  
 • CONCRETE: TO IS EN 1916 (2002), BS 5911, PART 1 (2002-2010) AND IS 6 (2004)  
 • THERMOPLASTIC STRUCTURED WALL PIPES: TO IS EN 13476 (2007/2009) (SN8 STIFFNESS CLASS).  
 • UNPLASTICISED PVC: TO ISEN 1401 (2009-2012) (SN8 STIFFNESS CLASS).

**NOTE:**  
 ALL INFRASTRUCTURE TO BE INSTALLED AND BUILT TO IRISH WATER CODES OF PRACTICE AND STANDARD DETAILS

**LEGEND:**

- Denotes new surface water manhole
- Denotes new surface water access junction
- Denotes new surface water line
- Denotes RWP + BIGT
- Denotes permeable paving Type B interception storage
- Denotes road gully
- Denotes new foul water manhole
- Denotes new foul water inspection chamber in accordance with Irish Water STD-WW-13
- Denotes new foul water line
- Denotes new foul water access junction
- Denotes new 1000 P.E. watermain
- Denotes existing uPVC watermain
- Denotes new boundary box water meter
- Denotes sluice valve
- Denotes fire hydrant
- Denotes air valve
- Denotes washout