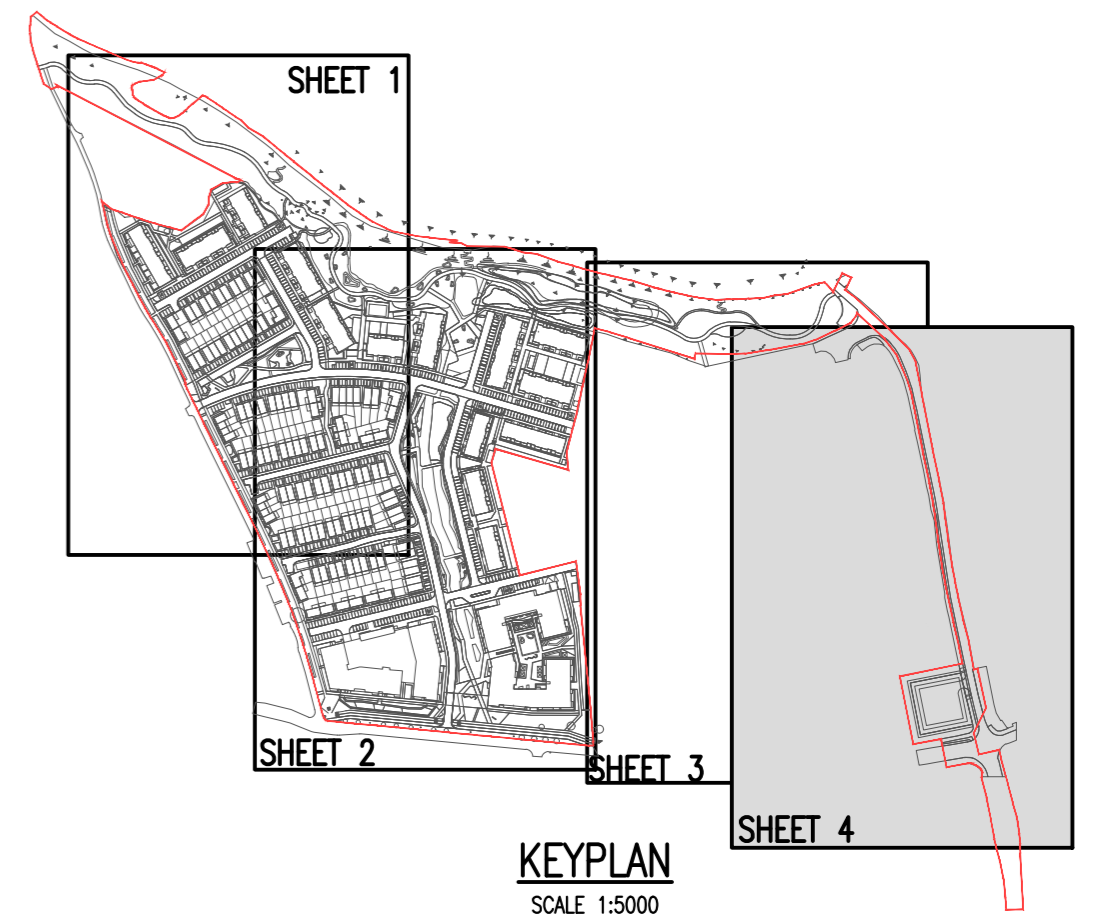
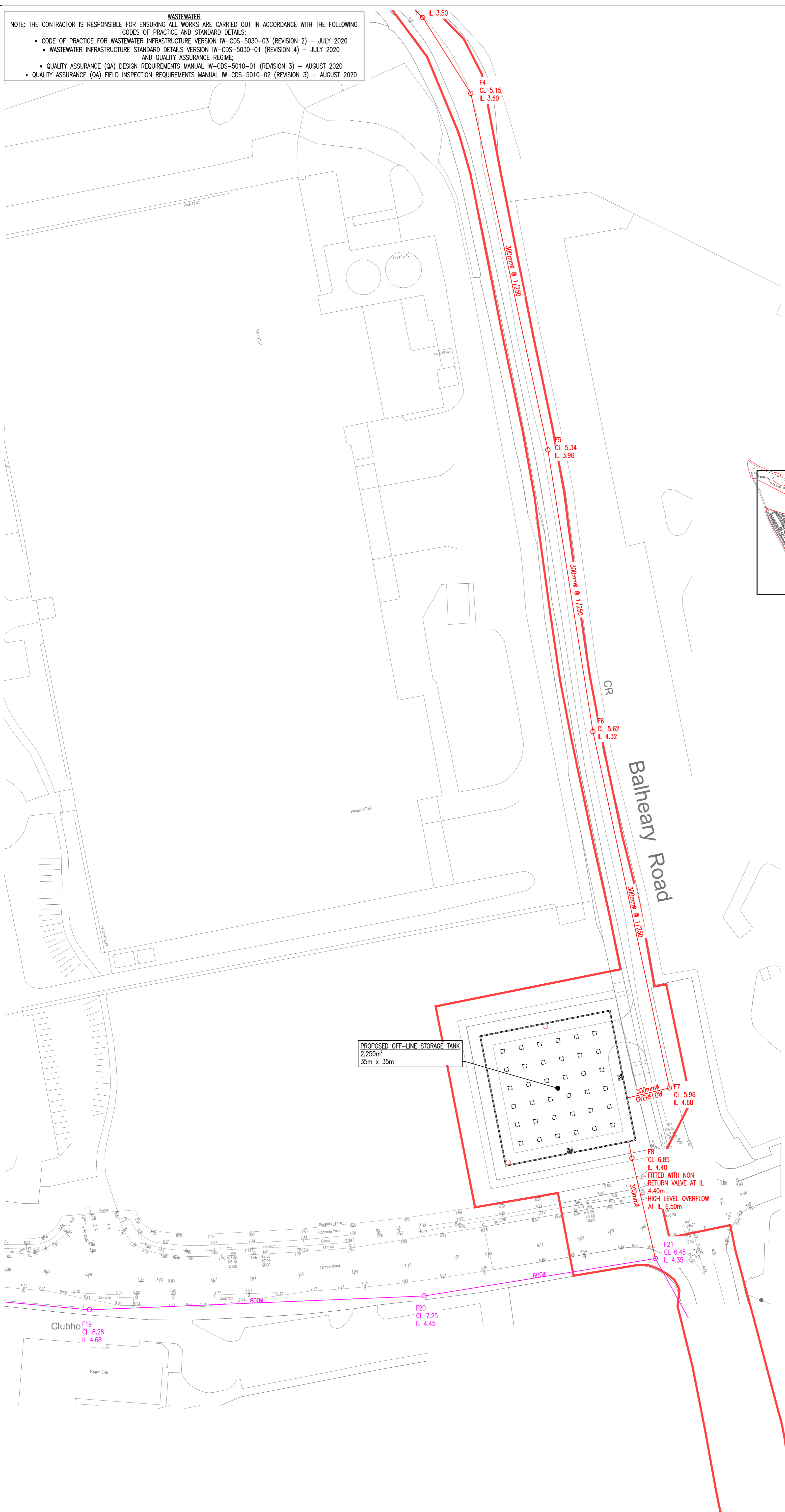
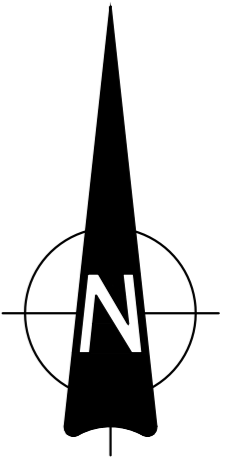


WASTEWATER
 NOTE: THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL WORKS ARE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING CODES OF PRACTICE AND STANDARD DETAILS;

- CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE VERSION IW-CDS-5030-03 (REVISION 2) - JULY 2020
- WASTEWATER INFRASTRUCTURE STANDARD DETAILS VERSION IW-CDS-5030-01 (REVISION 4) - JULY 2020 AND QUALITY ASSURANCE REGIME;
- QUALITY ASSURANCE (QA) DESIGN REQUIREMENTS MANUAL IW-CDS-5010-01 (REVISION 3) - AUGUST 2020
- QUALITY ASSURANCE (QA) FIELD INSPECTION REQUIREMENTS MANUAL IW-CDS-5010-02 (REVISION 3) - AUGUST 2020

NOTES:
 1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.

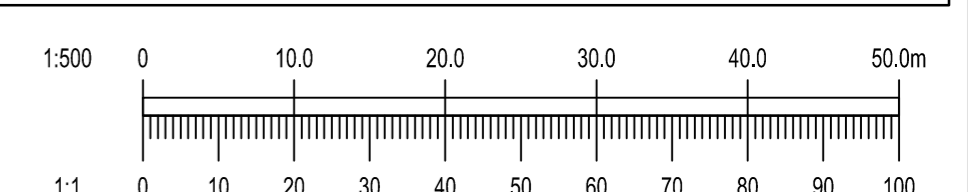


LEGEND:

XXXmm @ 1/XXX	EX-FWH CL X IL X	EXISTING FOUL SEWER & MANHOLE
XXXmm @ 1/XXX	EX-SWH CL X IL X	EXISTING SURFACE WATER SEWER & MANHOLE
XXXmm @ 1/XXX	FX CL X IL X	PROPOSED FOUL WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL
XXXmm @ 1/XXX	SX CL X IL X	PROPOSED SURFACE WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL
C		PROPOSED ROAD GULLY
		PROPOSED FOUL WATER HOUSE DRAIN AND ACCESS CHAMBER
		PROPOSED STORM WATER HOUSE DRAIN AND ACCESS CHAMBER
		1000 HDPE FOUL RISING MAIN
		PROPOSED DETENTION BASIN
		PROPOSED GRASS SWALE & LAND DRAIN
		PROPOSED PERMEABLE PAVING
		PROPOSED GREEN ROOF

NOTE: PUBLIC FOUL PIPE MATERIAL TO BE U-PVC (STIFFNESS CLASS B) AND IN COMPLIANCE WITH SECTION 3.13 OF IRISH WATER CODE OF PRACTICE.

NOTE: FOUL SEWERS TO BE CONSTRUCTED WITH CONCRETE SURROUND IN ACCORDANCE WITH IRISH WATER STD-WW-08 WHERE VERTICAL CLEARANCE FROM SURFACE WATER IS LESS THAN 300mm AND WHERE DEPTH OF COVER TO ROAD IS LESS THAN 1.2m



REV.	DATE	AMENDMENT	DRN	APPD
10/03/22		AN BORD PLEANALA SUBMISSION	PW	EC

STATUS: **FOR PLANNING ONLY NOT FOR CONSTRUCTION**

Waterman Moylan
 Engineering Consultants
 BLOCK 5, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD, DUBLIN D03 H3F4 IRELAND.
 Tel: (01) 664 8900 Fax: (01) 661 3618
 Email: info@waterman-moylan.ie www.waterman-moylan.ie

CLIENT	CARN HOMES PROPERTIES LTD.
ARCHITECT	MCORM ARCHITECTS
PROJECT	SHD AT HOLYBANKS, SWORDS
TITLE	PROPOSED DRAINAGE LAYOUT SHEET 4 OF 4

DRAWN	DESIGNED	APPROVED	DATE
PW	LRG	EC	MARCH 2022
SCALE	JOB NO.	DRG. NO.	REVISION
1:500 @ A1	17-088	P203	-