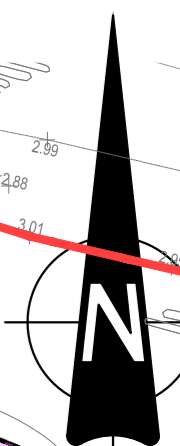
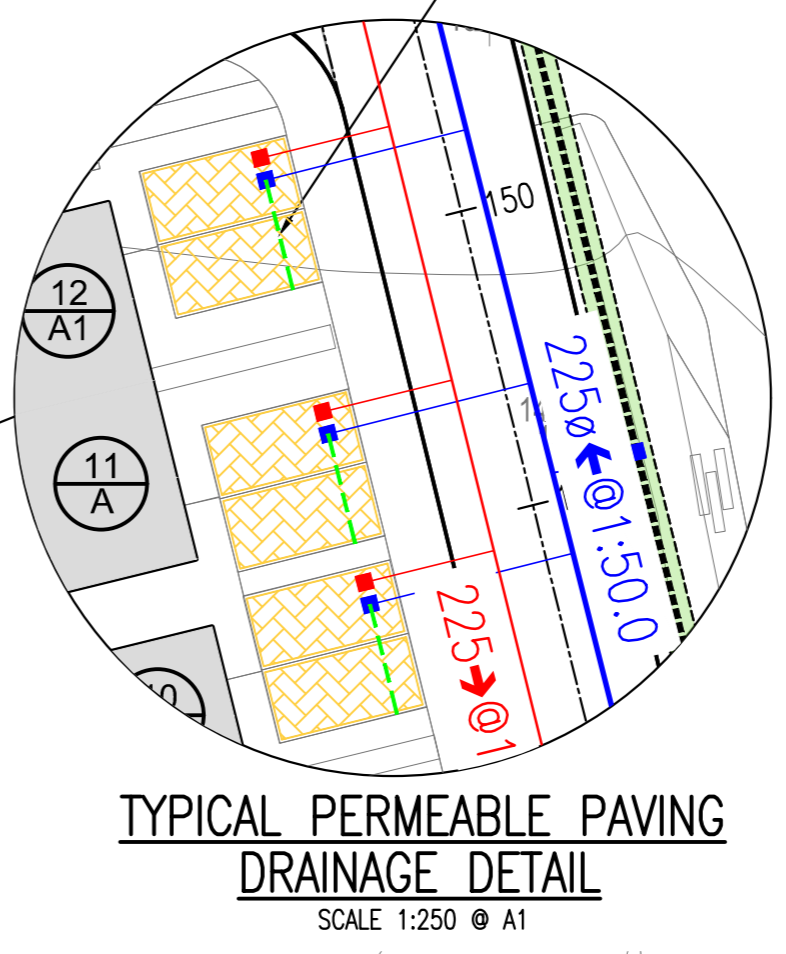
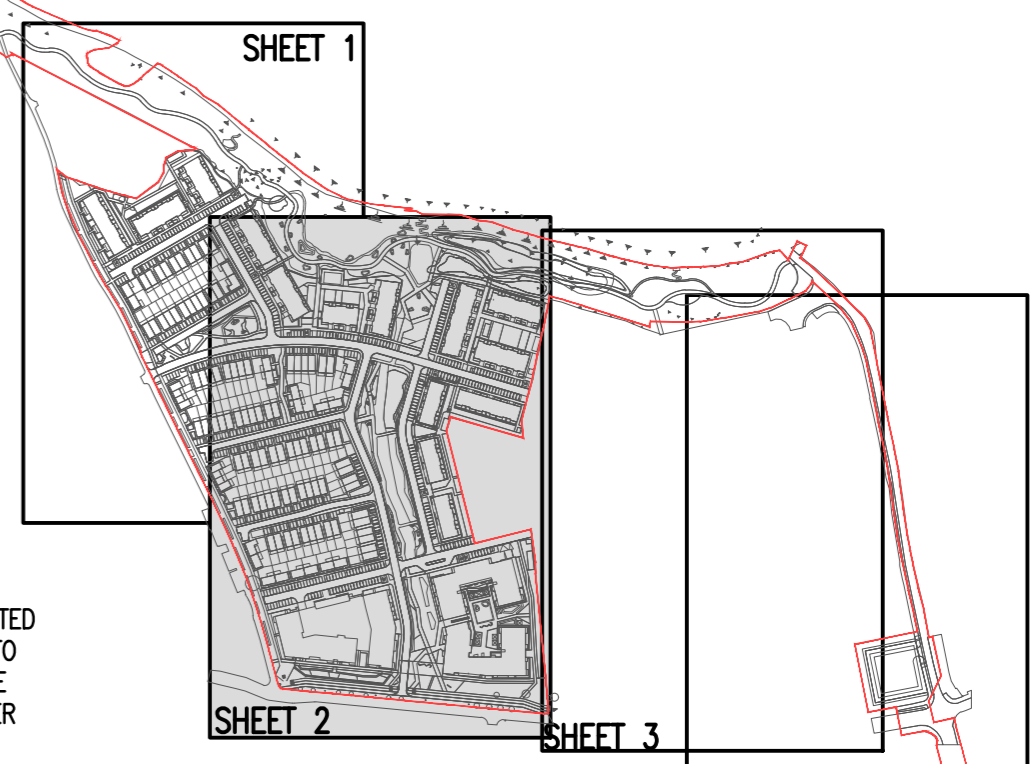


NORTH DETENTION BASIN
 VOLUME OF WATER ATTENUATED=2706M³
 STORAGE CAPACITY = 3000 M³
 TOP OF WATER LEVEL = 6.9 M
 (SEE DRG. 17-088 P211 FOR DETAILS)

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.



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

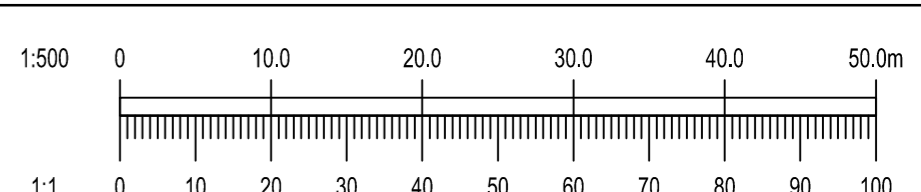


LEGEND:

1000mm @ 1:1000 EX-FWH CL X IL X	EXISTING FOUL SEWER & MANHOLE
1000mm @ 1:1000 EX-SWH CL X IL X	EXISTING SURFACE WATER SEWER & MANHOLE
1500mm @ 1:1000 FX CL X IL X	PROPOSED FOUL WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL
1500mm @ 1:1000 SX CL X IL X	PROPOSED SURFACE WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL
---	PROPOSED ROAD GULLY
---	PROPOSED FOUL WATER HOUSE DRAIN AND ACCESS CHAMBER
---	PROPOSED STORM WATER HOUSE DRAIN AND ACCESS CHAMBER
---	100% 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

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CLIENT	CARN HOMES PROPERTIES LTD.		
ARCHITECT	MCORM ARCHITECTS		
PROJECT	SHD AT HOLYBANKS, SWORDS		
TITLE	PROPOSED DRAINAGE LAYOUT (SHEET 2 OF 4)		
DRAWN PW	DESIGNED LRG	APPROVED EC	DATE MARCH 2022
SCALE 1:500 @ A1	JOB NO.	DRG. NO. P201	REVISION

