



- KEY:**
- SITE BOUNDARY
- ADAPTABLE SECTION 104 STORM SEWER AND MANHOLE
-  ADAPTABLE SECTION 104 FLOW SEWER AND MANHOLE
- ADAPTABLE SECTION 104 FLOW RISING MAIN
- ADAPTABLE SECTION 104 HEADWALL
OUTFALL HEADWALLS SUBJECT TO EROSION
- XX.XXX**
- PROPOSED PLOT AND GARAGE FINISHED FLOOR LEVEL
(FLOOR LEVELS SUBJECT TO 100MM HORIZONTAL ADJUSTMENT)
- INDICATE 800mm CULVERT
(DETAIL TO BE DEVELOPED DURING DETAILED DESIGN IN ACCORDANCE WITH ALL STANDARDS)
-  DRAINAGE EASEMENT
- BAWN 1 CATCHMENT
-  BAWN 2 CATCHMENT
- BAWN 3 CATCHMENT
- BAWN 4 CATCHMENT
-  BAWN 5 CATCHMENT

6.3 Seakaway Testing

Seakaway permeability tests were completed at TP106, TP110, TP111, TP112, TP118 and TP119 on 30th September and 1st October 2024. None of the seakaway permeability tests recorded significant effluents.

4.9 It is recommended that any proposed watercourse crossings are designed to clear spans the channel with an appropriate freeboard (minimum 0.5m) above the 1 in 100-year + 225CC peak flood level to the soffit level of the structure.

Return Period (Hz)	Existing Emission Rate (s/s)	Total Existing Emission Rate (11 wh/c/s/s)	Proposed Change Rate (s/s)
1	3.6	41.0	80.2
GMAR	4.4	50.2	
50	8.6	90.0	
100	11.3	128.8	
100 + 40%	-	-	

Indicative storm stub to serve third party land.
Details to be confirmed

Existing watercourse to be removed as all upstream flow generated is to be positively drained.
Watercourses in general should be maintained as an open channel where possible to align with LLFA requirements and minimise the risk of objection.