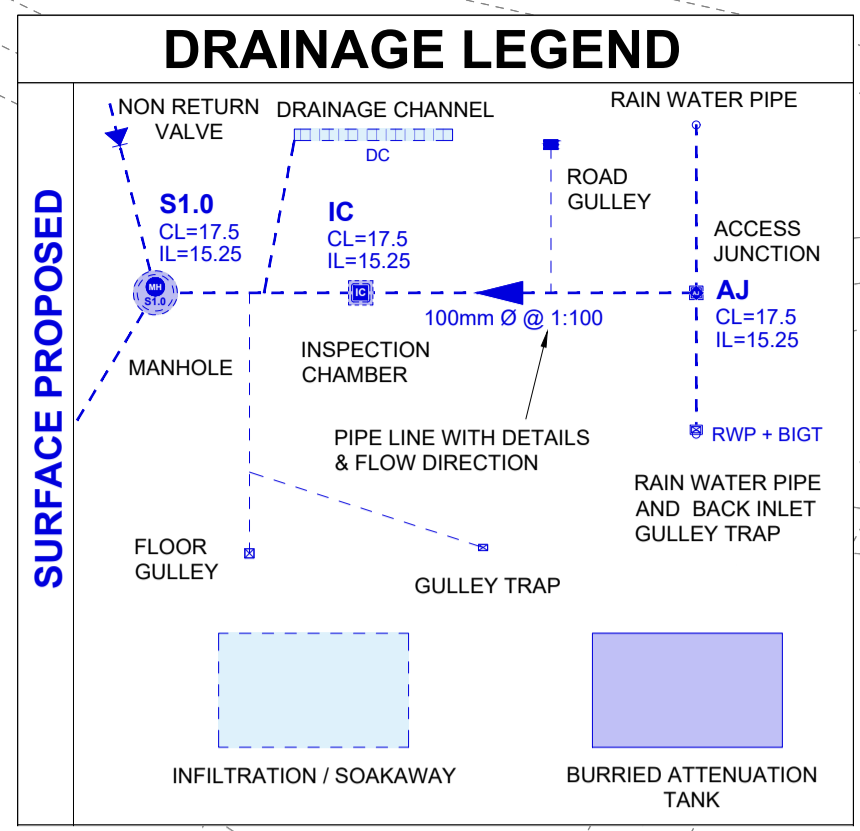
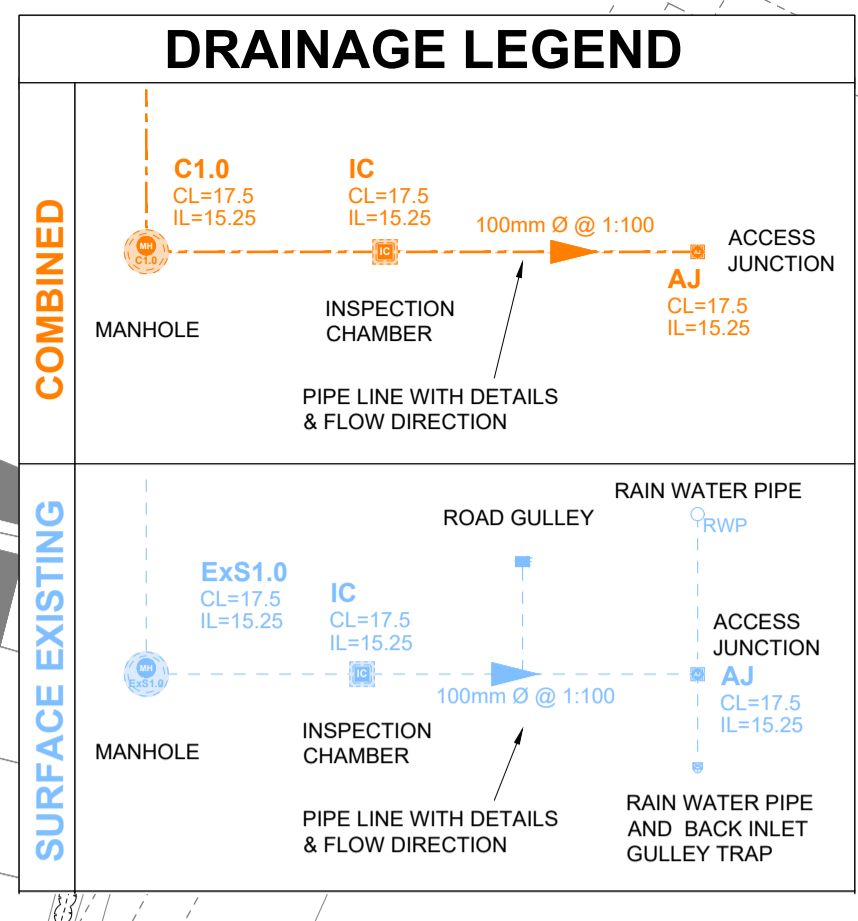
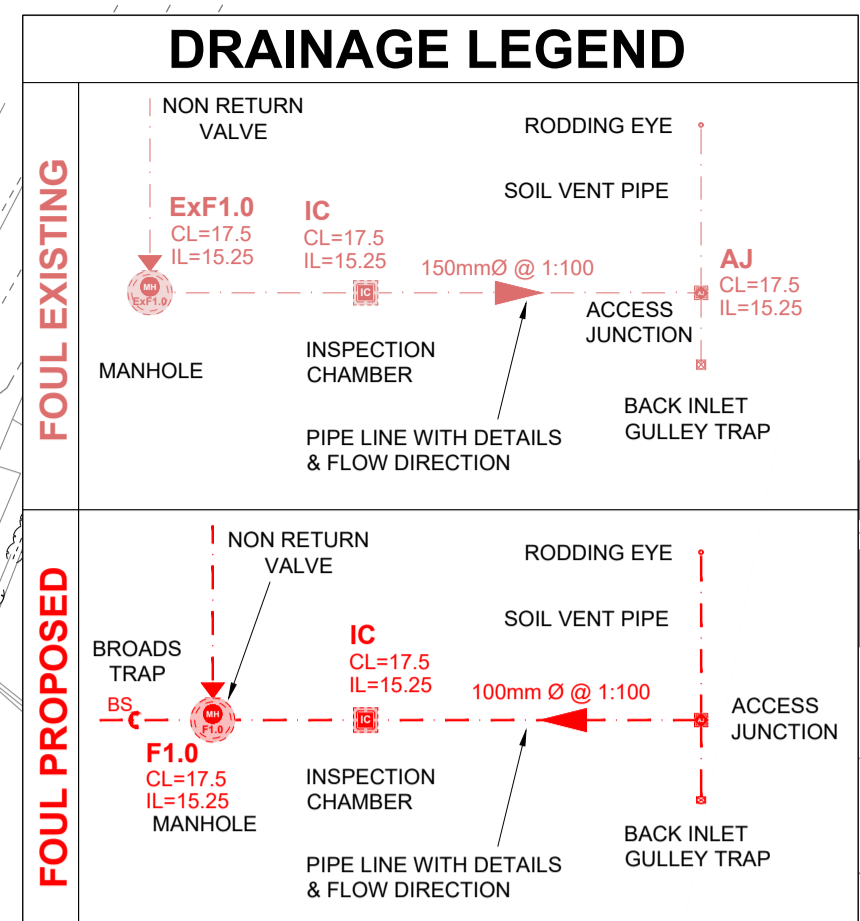
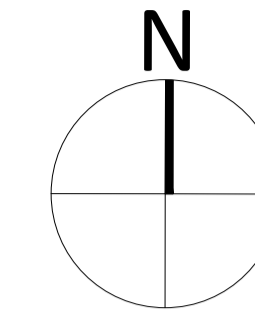


**NOTES**

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECT'S DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - 'ASK'.
2. CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.



50m OFF EDGE OF BUILDING

GATE

FLUSH KERBS

SECURITY GATE AND FENCING TO BE INSTALLED 300mm IN FROM EDGE OF HARD STANDING AREA TO ACCOMMODATE MAINTENANCE

SECURITY GATE AND FENCING REFER TO STD-WW-25 AND STD-WW-25A

2000 OFF WEST BOUNDARY

BELOW GROUND TANKS AND COVERS

STONE FILLED FILTER DRAIN, MIN. 500W X 500Dp WITH 100mmØ PERFORATED PIPE ALONGSIDE ROAD AND PUMP HARDSTANDING TO ALLOW RUN OFF OF RAIN WATER

OPENING GATE

WASTE WATER PUMP SYSTEM TO USICE EIRANN SPECIFICATION STANDARD DETAIL STD-WW-26A

IRISH WATER PROPERTY

**SWALE**

BASE WIDTH = 2m

LENGTH = 150m

SLOPE OF 1:4

SURFACE WIDTH = 3m

DEPTH = 0.6m

**DETENTION BASIN**

- BASE INVERT LEVEL = 50.885m<sup>2</sup>
- MAX 0.6m DEEP CENTRAL BASIN TO STORE 1 IN 30 YEAR CRITICAL STORM IN BASE AREA OF 1900m<sup>2</sup> WITH SLOPED SIDES OF 1:3 AND DEPTH OF 0.6m. AREA AT +0.6m LEVEL = 2294m<sup>2</sup>
- FLAT AREA (OF 2m WIDTH) AROUND TOP OF 1 IN 30 YEAR BASIN AREA OF 2889m<sup>2</sup>
- SURFACE AREA OF 3000m<sup>2</sup>. GRADUAL GRADING FROM GROUND LEVEL TOWARDS FLAT SECTION AROUND 1 IN 30 YEAR BASIN AT SLOPE OF 1:5.
- SURFACE AREA AT GROUND LEVEL OF 3000m<sup>2</sup>.
- TWL (30 YEAR) = 51.449m
- TWL (100 YEAR) = 51.579m

**PROPOSED PUMPING ZONE A**

**DESIGNED FOR 109 UNITS**

**STORAGE FOR 24 HOURS IS 45m<sup>3</sup>**

**ALLOW 6x6x1.5 STORAGE = 54,**

**ALLOWING 300mm FREEBOARD**

**OVER THE MAX STORAGE LEVEL**

**PROPOSED SITE DRAINAGE FOR FOUL & SURFACE WATER WITH SITE SERVICES**

SCALE @ A1: 1:500

SCALE @ A3: 1:1000

PL2	25.06.26	ISSUED FOR PLANNING	MA
PL1	05.06.26	ISSUED FOR PLANNING	MA
ISSUE	DATE	DESCRIPTION	BY

Project Engineer: ABIGAIL HARRIS | Project Director: CIARAN KENNEDY

**PLANNING**

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**The Institution of Structural Engineers**

**ACEI**

**ICE**

CLIENT: **GOLDEN PORT HOMES LIMITED**

PROJECT TITLE: **FOREST LITTLE ROAD GOLDENPORT**

BM PROJECT No: **24.183**

MODEL	REFERENCE	SUITABILITY	REVISION
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DRAWING TITLE: **PROPOSED SITE DRAINAGE FOR FOUL & SURFACE WATER WITH SITE SERVICES**

DWG	DRAWING REFERENCE	STATUS	REVISION
	<b>FR-BMCE-ZZ-ZZ-DR-C-13200</b>		<b>PL2</b>