



© Copyright  
 This drawing and any design here on is the copyright of the Consultants and must not be reproduced without their written consent.  
 All drawings remain the property of the Consultants.

NOTES:  
 1. Figured dimensions only to be taken from this drawing.  
 2. All dimensions to be checked on site.  
 3. All levels are in metres O.D. and are related to Ordnance datum at Malin

**FOUL & STORM:**

EXISTING FOUL SEWER ————  
 PROPOSED FOUL SEWER ————  
 EXISTING STORM SEWER ————  
 PROPOSED STORM SEWER ————

**WATERMAIN**

EXISTING 450mmØ DN DI Class K9 DN16 TRUNK WATERMAIN ————  
 EXISTING 250mmØ D.I. WATERMAIN TO BE RELOCATED ————  
 EXISTING 450mmØ DN DI Class K9 DN16 TRUNK WATERMAIN TO BE RELOCATED ————  
 EXISTING 250mmØ D.I. WATERMAIN TO BE RELOCATED ————  
 PROP. 110mmØ WATERMAIN : ————  
 PROP. 150mmØ WATERMAIN : ————  
 PROP. 200mmØ WATERMAIN : ————  
 PROP. 250mmØ WATERMAIN : ————  
 PROP. 250Ø DN DI Class K9 DN16 TRUNK WATERMAIN ————

**PROPOSED SLUICE VALVE**  
**PROPOSED HYDRANT**

**UTILITIES:**

EXISTING ESB ————  
 PROPOSED ESB ————  
 PROPOSED ECOM ————  
 PROPOSED PUBLIC LIGHTING ————

TYPE 1 COLUMN ●  
 TYPE 2 COLUMN ●  
 TYPE 3 COLUMN ●

Luminaire A Column ●  
 Luminaire B Column ●  
 Luminaire C Column ●

Luminaire Data  
 Luminaire A Veelite Tech Series 27w LED Street Optic A10  
 Lamp 12 LED 3000K MF 0.72 Luminaire B Veelite Tech Series 27w LED Forward Throw Optic A14 Lamp 12 LED 3000K MF 0.72 Luminaire A Veelite Tech Series 69w LED Street Optic A10 Lamp 32 LED 4000K 700mA MF 0.76

UPDATED LAYOUT ISSUED FOR PLANNING	SW	24.11.21	P05
UPDATED LAYOUT & JAK INPUTS	SW	19.11.21	P04
UPDATED JAK INPUTS	SW	11.05.21	P03
UPDATED JAK INPUTS	SW	30.04.21	P02
INITIAL ISSUE	SW	29.04.21	P01

Description: Drawn Date: Rev.:

Client:  
 Quintain Developments Ireland Limited

Project:  
 Portmarnock South Phase 1D

Clients Representative:  
 J. B. Barry and Partners Limited  
 Consulting Engineers

Classon House  
 Dundrum Business Park  
 Dundrum Road  
 Dublin 14  
 Tel: +353 1 485 1400  
 email: info@jbbarry.ie  
 web: www.jbbarry.ie

Drawn By: SW Date: MARCH 2021

Checked By: JOB Date: MARCH 2021 Approved By: JOB Date: MARCH 2021

Internal Project Ref: 21205 Stage: PLANNING Suit: S3

Drawing Title:  
 COMBINED SERVICES LAYOUT  
 SHEET 4

Scales: 1:500 @ A1

Drawing No.: 21205-JBB-00-XX-DR-C-05004 Rev: P05