A0

Clonshagh Bridge

Area under construction

VALVE CHAMBER TO CONTAIN:
2nr. SLUICE VALVES
2nr. NON RETURN VALVES
TO BE IN ACCORDANCE WITH
IRISH WATER CODE OF
PRACTICE AND STANDARD
DETAILS.
VALVE CHAMBER TO 1400mm X
600mm ACCESS

1.8m Ø EMERGENCY
STORAGE CHAMBER
I.L. +43.313m

1.8m Ø WASTEWATER PUMP
SUMP TO CONTAIN DUTY AND
STANDBY PUMP ARRANGEMENT.
FLOW RATE: 2l/s
HEAD: 3.5m
I.L. +42.332m

50mm Ø WASTEWATER RISING
MAIN

WASTEWATER FLOWMETER

BUILDING F
FFL + 48.0 m

BUILDING E
FFL + 48.5 m

SE 2
CAMPUS FOUL WATER
CONNECTION TO EXISTING
DCC FOUL WATER NETWORK
E: 718104.668
N: 741291.367

ATTENUATION
AREA 3

EXISTING FOUL
SEWER

WASTEWATER DISCHARGE
MANHOLE

SPRINKLER TANK AND PUMP
HOUSE

CONNECTION TO
EXISTING FOUL SEWER

FULL RETENTION SEPARATOR NSF0003 OR
SIMILAR APPROVED TO BE INSTALLED IN
ACCORDANCE WITH MANUFACTURERS DETAILS

GRAVITY CONNECTION FROM MV CHAMBER
TO WASTEWATER NETWORK. BACK UP PUMP
TO BE INCLUDED. GRUNDFOS UNILIFT

GRAVITY CONNECTION
FROM CCB SUMP TO
WASTEWATER NETWORK

CLIENT CONTROL
BUILDING

50mm HDPE RISING MAIN FROM CCB
TO CONNECT TO DISCHARGE
MANHOLE

ATTENUATION
AREA 2

SE 2-1
FOUL WATER RISING MAIN
DISCHARGE MANHOLE
E: 718142.896
N: 741295.469

EXISTING FOUL SEWER

CLONSHAUGH BUSINESS &
TECHNOLOGY PARK

TRANSFORMER YARD

ESB DARNDALE SUBSTATION

SPRINKLER COMPOUND

SE 2-2
FOUL WATER RISING MAIN
DISCHARGE MANHOLE
E: 718008.914
N: 741213.813

DISCHARGE
MANHOLE

TRANSFORMER
YARD

KLARGESTOR DP5 ROTO
PUMPING STATION

100mm Ø WASTEWATER RISING
MAIN

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BUILDING A
FFL + 51.2 m

EXISTING FOUL
SEWER

PETROL
INTERCEPTOR

SE 1-1
FOUL WATER RISING MAIN
DISCHARGE MANHOLE
E: 718054.790
N: 741053.301

BUILDING B
FFL + 51.2 m

BUILDING C
FFL + 50.2 m

BUILDING D
FFL + 50.0 m

ATTENUATION
AREA 1

SECURITY HUT

ACCESS ROAD

PETROL
INTERCEPTOR

EXISTING FOUL
SEWER

SITE ENTRANCE

SECURITY FENCE

SE 1
CAMPUS FOUL WATER
CONNECTION TO EXISTING
DCC FOUL WATER NETWORK
E: 717958.057
N: 740816.888

EX.FS
CL50.341
IL 46.901

300Ø @ 1:250

375Ø @ 1:250

Port Tunnel Business Park

CLONSHAUGH BUSINESS &
TECHNOLOGY PARK

TURNAPIN GROVE

Industrial Estate

Key Plan

LEGEND:

- SITE BOUNDARY
- SECURITY FENCE
- 110 KV DARNDALE SUBSTATION
- ROAD SURFACE
- BUILDINGS
- CAMPUS FOUL WATER NETWORK
- CAMPUS FOUL WATER RISING MAIN
- EXISTING DCC FOUL WATER NETWORK
- CAMPUS FOUL WATER MANHOLE
- EXISTING DCC FOUL WATER MANHOLE

NOTES:
DRAWINGS ARE NOT TO BE SCALED.
DRAWINGS ARE FOR THE PURPOSE OF THE EPA LICENCE.
NOT FOR CONSTRUCTION

Revision	Description	Drw'n	Chk'd	Date
C01	EPA-ISSUE	DB	PM	17/12/2021
PL01	FOR DISCUSSION	DB	PM	22/10/2021

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Client: ADSIL

Project: Environmental license drawings
Clonshaugh campus.

Dwg. Title: Foul Water Network Layout

Drawn By: DB | Date: 22-10-2021

Checked by: PM | Scale: 1:1000 @ A0

Project Code	Originator	Zone/ Phase	Level	Type	Role	Dwg. No.
21_123	CSE	00	XX	DR	C	4205

Status Code: C01 — Suitability Description: EPA-ISSUE
Revision — Project Status

CSEA Job No.: 21_123

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