

GA03
SUBJECT TO SEPARATE
PLANNING APPLICATION

MATCH LINE

MATCH LINE

AS
PERMITTED
UNDER
PLANNING
REG. REF.
F16A/0412,
ABP REG. REF.
ABP-248970,
AS AMENDED
BY F20A/0258
AND
F21A/0046

SITE UNDER CONSTRUCTION AS PER
PLANNING REG. REF: F16A/0412, ABP
REG. REF: ABP-248970, AS AMENDED BY
F20A/0258 AND F21A/0046

NOTES

1. ALL LEVELS ARE TO MAIN HEAD ORDNANCE DATUM.
2. REFER TO DRAWING BD-CSZ-ZZ-XX-DR-C-0006 FOR MANHOLE DETAILS.
3. REFER TO DRAWING BD-CSZ-ZZ-XX-DR-C-0007 FOR PIPE BEDDING DETAILS.
4. ALL WORKS IN CORNER SPACES SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE PROVISIONS ON "SAFE WORK" IN CORNER SPACES CODE OF PRACTICE FOR WORKING IN CORNER SPACES, PUBLISHED BY THE HEALTH & SAFETY AUTHORITY.
5. ALL SITE DEVELOPMENT WORKS SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE CONSTRUCTION DRAWINGS.
6. ALL DRAINAGE WORKS SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY. IN PARTICULARS SERIES 500, THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS AND THE RISH WATER CODE OF PRACTICE AND STANDARD DETAILS.
7. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTATION, INCLUDING DRAWINGS AND SPECIFICATIONS.
8. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR LOCATING, PROTECTING AND MAINTAINING ALL EXISTING SERVICES WITHIN THE SITE BOUNDARY AND IN THE AREAS AFFECTED BY THE WORKS. THE DRAINAGE HAS PROVIDED INFORMATION ON KNOWN SERVICES BUT DOES NOT GUARANTEE THAT THIS INFORMATION PROVIDED BY THE THIRD PARTIES IS CORRECT OR THAT THESE ARE THE ONLY SERVICES ON THE SITE.
9. SUITABLE SHORT LENGTHS OF PIPE OR ROCKER PIPES SHALL BE INSTALLED TO PROVIDE A FLEXIBLE JOINT WITHIN 100MM OF THE OUTER FACE OF THE MANHOLE ON ALL SEWERS AND BRANCHES.
10. WHERE RISK IS MET IN TRENCHES IT SHALL BE ELEVATED AND FIRMED TO 30MM BELOW THE UNDERSIDE OF THE TRENCH.
11. GRANULAR MATERIAL 5MM - 20MM NOMINAL SIZE GRADED AGGREGATE TO COMPLY WITH TABLE 1 OF BS TO BE USED FOR BEDDING, HANDING AND SURROUND TO PIPES WHERE SPECIFIED.
12. CONCRETE MIX C/S/20 TO BE USED FOR BEDDING, HANDING AND SURROUND WHERE SPECIFIED.
13. WHERE RISK PIPES WITH FLEXIBLE JOINTS ARE USED WITH CONCRETE BEDS FOR DRAINS AND WATERMANS, VERTICAL MOVEMENT JOINTS SHALL BE PROVIDED IN THE BEDS AT MAX INTERVALS OF 50M AND ALIGNED WITH FACE OF PIPE SOCKET. JOINTS TO BE MINIMUM 100MM WIDE AND FLEED WITH FLEXIBLE OR SIMILAR APPROVED MATERIAL.
14. SURFACE WATER AND FOUL DRAINS SHALL BE SURROUNDED BY 150mm OF C/S/20 CONCRETE OR OTHER TO PIPE IS LESS THAN:
 - 150mm IN ROADS AND DRIVEWAYS
 - 100mm IN OPEN SPACES AND PATHS NOT NEAR CARRIAGEWAYS
15. ALL PIPE RUNS SHALL BE LAID IN STRAIGHT LINES BOTH VERTICALLY AND HORIZONTALLY TO THE SPECIFIED GRADIENTS BETWEEN MANHOLES. NO DEVIATIONS OR BENDS SHALL BE PERMITTED.
16. REFER TO THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS FOR DETAILS OF SURFACE WATER MANHOLE STANDARDS AND RISH WATER CODE OF PRACTICE AND STANDARD DETAILS FOR DETAILS OF FOUL MANHOLE STANDARDS.
17. THE CONTRACTOR SHALL CARRY OUT A CITY SURVEY REPORT OF THE COMPLETED STORM & FOUL NETWORK TO THE SATISFACTION OF THE LOCAL AUTHORITY AND REPORT TO BE ISSUED ON PRACTICAL COMPLETION.
18. THE LOCAL AUTHORITY MUST BE NOTIFIED AT LEAST 10 WORKING DAYS IN ADVANCE OF COMMENCEMENT OF WORKS.
19. PRIOR TO COMMENCEMENT OF CONSTRUCTION OUTFALL LEVELS FOR THE FOUL AND SURFACE WATER MANHOLES SHALL BE VERIFIED ON SITE.
20. PROPOSED FOUL SEWERS WILL BE EITHER CONCRETE, THERMOSTATIC STRUCTURED WALLD PIPES OR UNSTRUCTURED PVC-U. IN ACCORDANCE WITH SECTION 3.13 OF THE RISH WATER WASTEWATER CODE OF PRACTICE. PROPOSED STORM DRAINS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF FINGAL CO. CO.
21. TYPICAL SERVICE LAYOUT DISTANCES (HORIZONTAL AND VERTICAL) AS PER RISH WATER DETAIL STD-WM-02.
22. THE EXTERNAL FACE OF PROPOSED MANHOLE CHAMBERS IN PUBLIC ROADS SHALL BE A MINIMUM OF 0.5M FROM THE PROPOSED PUBLIC ROAD KERB LINE IN ACCORDANCE WITH SECTION 3.13 OF THE RISH WATER WASTEWATER CODE OF PRACTICE.
23. INSPECTION CHAMBERS TO EACH HOUSE/JUNCTION TO BE IN ACCORDANCE WITH RISH WATER DETAIL STD-WM-02 AND STD-WM-03.
24. APPROPRIATE MEASURES ADHERING TO SECTION 3.21 OF THE RISH WATER WASTEWATER CODE OF PRACTICE WILL BE PROVIDED TO DRAINAGE INFRASTRUCTURE IN CLOSE PROXIMITY TO PLANTING TO

EXISTING MATERIALS

ALL FOUL SEWER PIPE MATERIALS SHALL BE PVC-U OR IN ACCORDANCE WITH SECTION 3.13 OF THE RISH WATER CODE OF PRACTICE FOR INSTALLATIONS.
EXISTING OR NEW SERVICES 300mm IN DIAMETER OR LARGER TO BE CONCRETE, THERMOSTATIC STRUCTURED WALLD PIPES (TWIN WALL) TO PIPE DIAMETERS 225mm OR 375mm OR SIMILAR APPROVED.

LEGEND

- EXISTING FOUL SEWER
- EXISTING SURFACE WATER SEWER
- PROPOSED STORM SEWER
- PROPOSED FOUL SEWER
- PROPOSED SURFACE WATER SEWER DIVERSION
- UNDERCROFT PARKING LEVEL DRAINAGE
- PROPOSED FOUL INSPECTION CHAMBER
- PROPOSED SW INSPECTION CHAMBER
- PROPOSED PRIVATE SIDE LIFT FOUL INSPECTION CHAMBER
- PIPE DIAMETER AND GRADIENT 225mm@ 1:150
- PROPOSED MANHOLE NUMBER, COVER AND INVERT LEVELS
- BACKDROP INVERT LEVEL
- PROPOSED SWALE
- PROPOSED BIO RETENTION
- KERB GULLY
- ROAD GULLY
- PROPOSED GREEN ROOF
- PROPOSED PERMEABLE PAVING
- PROPOSED 100L RAINWATER BUTTS
- PROPOSED TREE PIT
- SITE BOUNDARY EXTENTS
- NOTE: LOCATIONS AND LEVELS OF ALL EXISTING SERVICES ON SITE TO BE SURVEYED AND VERIFIED PRIOR TO COMMENCEMENT OF CONSTRUCTION WORKS.

PLANNING DRAWING.
NOT FOR CONSTRUCTION.
ALL LEVELS GIVEN ARE
RELATIVE TO ORDNANCE DATUM.
THIS DRAWING HAS BEEN ISSUED FOR INFORMATION
PURPOSES ONLY AND MUST NOT BE USED
FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

NOTES

1. For setting out refer to Architect's drawings.
2. This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
3. DO NOT SCALE THIS DRAWING. Use figured dimensions only.
4. No part of this document may be reproduced or transmitted in any form or stored in any retrieval system of any nature without the written permission as copyright holder except as agreed for use on the project for which the document was originally issued.
5. Ordnance Survey Ireland Licence Number EN 0074020

Rev. No.	Date	REVISION NOTE
P1	09.10.2020	PLANNING SUBMISSION STAGE 3

Drn. By	CHE. By	Client
DO	OS	Project

The Shoreline Partnership Alterations to Shoreline GA01 Lands at Baldoye	
PROPOSED DRAINAGE LAYOUT SHEET 1 OF 2	
Dwg. No.	BD-CSZ-ZZ-XX-DR-C-0003
Date	06.04.2020
Drn. By	PC
CHE. By	NB
Appr'd by	OS
Scale	1:500 (A4)
Revision	P1

CS Consulting Group DUBLIN LONDON LIMERICK	
Head Office: 19-22 Dame Street, Dublin 2 T: +353 (0)1 400 0000 F: +353 (0)1 933 1055 E: info@csconsulting.ie W: www.csconsulting.ie	
CS Consulting Group 19-22 Dame Street, Dublin 2 T: +353 (0)1 400 0000 F: +353 (0)1 933 1055 E: info@csconsulting.ie W: www.csconsulting.ie	CS Consulting Group 19-22 Dame Street, Dublin 2 T: +353 (0)1 400 0000 F: +353 (0)1 933 1055 E: info@csconsulting.ie W: www.csconsulting.ie

R089