



This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.

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GENERAL NOTES

VOLUMETRIC ANALYSIS						
NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR	AREA	VOLUME	OVERALL CUT/FILL
1	-7.00	-6.50		985.529m2	172.240m3	CUT = 710,622m³
2	-6.50	-6.00		3365.808m2	1556.525m3	
3	-6.00	-5.50		2093.177m2	2889.346m3	
4	-5.50	-5.00		1117.496m2	3504.601m3	
5	-5.00	-4.50		992.106m2	4044.750m3	
6	-4.50	-4.00		11590.197m2	7627.388m3	
7	-4.00	-3.50		24610.838m2	17614.128m3	
8	-3.50	-3.00		20501.715m2	27879.677m3	
9	-3.00	-2.50		25778.204m2	39160.688m3	
10	-2.50	-2.00		30044.945m2	53419.445m3	
11	-2.00	-1.50		52303.409m2	74604.696m3	
12	-1.50	-1.00		65072.373m2	105582.144m3	
13	-1.00	-0.50		135697.529m2	154263.194m3	
14	-0.50	0.00		97693.695m2	218523.001m3	FILL = 19,723m³
15	0.00	0.50		7918.729m2	8831.782m3	
16	0.50	1.00		6033.955m2	5647.642m3	
17	1.00	1.50		4728.456m2	2979.073m3	
18	1.50	2.00		2818.259m2	966.106m3	
19	2.00	2.50		578.999m2	566.111m3	
20	2.50	3.00		383.442m2	337.927m3	
21	3.00	3.50		188.104m2	219.372m3	
22	3.50	4.00		182.194m2	124.810m3	
23	4.00	4.50		123.288m2	45.574m3	
24	4.50	5.00		42.027m2	4.805m3	NET CUT = 690,899m³
25	5.00	5.50		0.428m2	0.000m3	



KEY PLAN - SCALE 1:25,000

NOTES:

- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
- THIS DRAWINGS TO BE READ WITH CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.
- PLANNING BOUNDARY UNDER THIS APPLICATION
DUN LAOGHAIRE HARBOUR COMPANY ESTATE BOUNDARY
DUN LAOGHAIRE HARBOUR LIMIT
- ORDNANCE SURVEY IRELAND LICENCE NO. EN 0006015
© ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND.
- DATUM: ORDNANCE DATUM MALIN (UNLESS NOTED OTHERWISE)
- {**m CD} REFER TO LEVELS AT CHART DATUM (DUBLIN PORT)
- ORDNANCE DATUM MALIN (ODM)
CHART DATUM (CD)
(DUBLIN PORT)
2.51m
- H.A.T. HIGHEST ASTRONOMICAL TIDE
L.A.T. LOWEST ASTRONOMICAL TIDE
ODM ORDNANCE DATUM MALIN
MHWs MEAN HIGH WATER SPRINGS
MLWS MEAN LOW WATER SPRINGS
- BATHYMETRIC DATA PREPARED BY:
A) HYDROGRAPHIC SURVEYS LTD. CORK
B) GEOLOGICAL SURVEY IRELAND, DUBLIN
- SEE DRG NO. CIV-14969-SA-90-1019a & 1019b FOR DREDGED CHANNEL SECTIONS.
- THE EXISTING STENA INFRASTRUCTURE IS SHOWN ON THE PLANNING DRAWINGS AS BEING REMOVED WHEN THE CRUISE BERTH IS IN PLACE. FOLLOWING THE DEPARTURE OF STENA FROM DUN LAOGHAIRE HARBOUR IN RECENT MONTHS DISCUSSIONS HAVE COMMENCED BETWEEN THE HARBOUR COMPANY AND STENA TO HAVE THIS INFRASTRUCTURE REMOVED IN LINE WITH THE AGREEMENT IN PLACE. THAT PROCESS, INCLUDING ALL NECESSARY CONSENTS, IS BEING UNDERTAKEN INDEPENDENTLY OF THIS CRUISE BERTH PROPOSAL. AS A RESULT, THE PROPOSAL DRAWINGS AND THE EIS HAVE ASSUMED THAT THIS INFRASTRUCTURE WILL HAVE BEEN REMOVED BEFORE THE CRUISE BERTH IS OPERATIONAL.

REV.	DATE	AMENDMENT	DRN	APPD	
CAD REF.					

STATUS **PLANNING**

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CLIENT			
PROJECT	DUN LAOGHAIRE HARBOUR NEW CRUISE BERTH FACILITY		
TITLE	DREDGED CHANNEL VOLUMETRIC ANALYSIS		
DRAWN SJ	DESIGNED RH	APPROVED RH	DATE JUNE 2015
SCALE AS SHOWN	JOB NO. 10-090	DRG. NO. SA-1020	SEQUENCE 34

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