EXISTING MOTORIST LOUNGE

EX SW MH7
CL 4.40
IL 3.21

DUN LAOGHAIRE HARBOUR VEHICLE COMPOUND

PROPOSED NEW MV ELECTRICAL SUB-STATION

NEW 60m LONG PONTON

2.4m HIGH FENCE ENCLOSURE

GRD FLR = +4.6m

SW MH 3
CL=4.44M
IL=2.98M

SW MH 1A
CL=4.48M
IL=3.05M

7.14 (TOP OF WALL)

BERTH 5 SEAWALL

VEHICLE TURNING SPACE IN MAIN YARD

LOADING/ UNLOADING AREA

CTV BERTHING AREA (CREW TRANSFER VESSEL)

EX SW MH9
CL 4.33
IL 3.04

EXISTING PORT PAVEMENT AREA

225mm @ 1:100

225mm @ 1:44

EX 200mm ø FW RISING MAIN

EX FOUL PUMP STATION

EX MH F5
CL 4.22
IL 2.59

EX MH F6
CL 4.37
IL 2.36

EX MH F7
CL 4.16
IL 2.78

EX MH F8
CL 4.08
IL 2.99

EX 150mm ø FW

EX 225mm ø SW

EX 150mm ø SW

EX SW MH4
CL 4.16
IL 2.57

EX SW MH2
CL 4.17
IL 2.27

FWMH2 TO TAKE PUMPED DISCHARGE FROM CTV'S RATE AND TIME OF DISCHARGE TO BE AGREED WITH UISCE EIREANN AT CONNECTION APPLICATION STAGE

150MM @ 1:150

NEW LINK SPAN CONNECTING PONTOON WITH MAIN YARD

FW MH 2
CL=4.16M
IL=3.10M

SW MH
CL=4.15M
IL=2.16M

EXISTING TYPE 1 OIL INTERCEPTOR
CL 4.15M

EXISTING 225mm SW OUTLET PIPE, DISCHARGES INTO IRISH SEA (IL 2.15m)

EXISTING PILES

SUMP TO DISCHARGE WATER DIRECTLY THROUGH PIER TO SEA

EXISTING RAILING

EXISTING PIER EDGE

SW MH 2
CL=4.14M
IL=2.33M

FW IC 5
CL=4.12M
IL=3.83M

130mm@1:150

150MM @ 1:80

300MM @ 1:100

FW IC 4
CL=4.12M
IL=3.79M

FW IC 2
CL=4.10M
IL=3.78M

SUMP TO DISCHARGE WATER DIRECTLY THROUGH PIER TO SEA

FW IC 1
CL=4.07M
IL=3.83M

SW IC 1
CL=4.15M
IL=3.80M

GRD FLR = +4.4m

BUILDING PROPOSE

FW MH 1
CL=4.10M
IL=3.75M

EX SW MH3
CL 4.52
IL 3.32

EXISTING BUILDING

EXISTING SW MH3 TO BE RELOCATED OUT OF FOOTPRINT OF BUILDING

HARBOUR POLICE

EX 100mm ø SW

100mm ø 1:100

EX 150mm ø FW

EX MH F51
LOCATION TBC
CL
IC 3.70

SW IC 2
CL=4.16M
IL=3.92M

ST. MICHAEL'S PIER

DUN LAOGHAIRE HARBOUR EAST SIDE BERTH OF ST. MICHAEL'S PIER

EXISTING PIER EDGE

NOTES:
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING ASSOCIATED DRAWINGS:
   a. DUN-DJI-ZZ-XX-DR-A-21021 (R04), FOR ARCHITECTS SITE LAYOUT PLAN.
   b. DUN-WMC-ZZ-XX-DR-C-P0201 - PRIVATE FOUL DRAINAGE DETAILS
   c. DUN-WMC-ZZ-XX-DR-C-P0202 - SURFACE WATER DRAINAGE DETAILS
   d. DUN-WMC-ZZ-XX-DR-C-P0203 - PRIVATE SURFACE WATER DRAINAGE DETAILS
2. CONTRACTOR TO CONFIRM POSITION AND INVERT OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF ANY WORKS. CONTRACTOR TO IMMEDIATELY INFORM ENGINEER IF ANY DISCREPANCIES ARE IDENTIFIED.
3. FOR DETAILS OF INSTALLATION PLEASE REFER TO UISCE EIREANN 'CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE' & 'WASTEWATER INFRASTRUCTURE STANDARD DETAILS'.
4. PUBLIC FOUL PIPE MATERIAL TO BE U-PVC (STIFFNESS CLASS 8) AND IN COMPLIANCE WITH SECTION 3.13 OF UISCE EIREANN CODE OF PRACTICE.
5. FOUL SEWERS TO BE CONSTRUCTED WITH CONCRETE SURROUND IN ACCORDANCE WITH UISCE EIREANN STD-WW-08 WHERE VERTICAL CLEARANCE FROM SURFACE WATER IS LESS TAN 300mm AND WHERE DEPTH OF COVER TO ROAD IS LESS THAN 1.2m.

LEGEND

- SITE BOUNDARY
- EX SW MHX CL XX.XXX IL XX.XXX — XXXø — EXISTING SURFACE WATER SEWER AND MANHOLE. MANHOLE COVER AND INVERT LEVELS AND PIPE SIZE.
- EX FW MHX CL XX.XXX IL XX.XXX — XXXø — EXISTING FOUL WATER SEWER AND MANHOLE. MANHOLE COVER AND INVERT LEVELS AND PIPE SIZE.
- EXISTING GULLIES
- EX SW MHX CL XX.XXX IL XX.XXX — XXXø — PROPOSED SURFACE WATER SEWER AND MANHOLE. MANHOLE COVER AND INVERT LEVELS AND PIPE SIZE AND GRADIENT
- EX FW MHX CL XX.XXX IL XX.XXX — XXXø — PROPOSED FOUL WATER SEWER AND MANHOLE. MANHOLE COVER AND INVERT LEVELS AND PIPE SIZE AND GRADIENT
- INDICATES EXISTING 200mm ø FOUL RISING MAIN
- G — PROPOSED GULLY & 100mm GULLY PIPE
- PROPOSED DISHED CHANNEL DRAIN
- PROPOSED ACO DRAIN
- PROPOSED SURFACE WATER INSPECTION CHAMBER
- PROPOSED FOUL INSPECTION CHAMBER
- INDICATES OVERLAND FLOOD ROUTE

REVISION:	DATE:	COMMENTS:	DRWN:	CHKD:	APRV:
R00	30/09/2024	FINAL ISSUE	PW	EC	PO

REVISION CONTROL:

DISCLAIMER:
THIS IS MADE AVAILABLE "AS IS" AND NO WARRANTIES ARE GIVEN OR LIABILITIES OF ANY KIND ARE ASSUMED WITH RESPECT TO THE QUALITY OF THE DRAWING, ITS CORRECTNESS, ITS FITNESS FOR ANY PARTICULAR PURPOSE, ITS MERCHANTABILITY OR ITS FREEDOM FROM DEFECTS OR ITS CORRECTNESS. THE REPRODUCTION, DISTRIBUTION AND UTILISATION OF THIS DOCUMENT AS WELL AS THE COMMUNICATION OF ITS CONTENTS TO OTHERS WITHOUT EXPLICIT AUTHORISATION IS PROHIBITED. COPIES - DIGITAL OR PRINTED ARE NOT CONTROLLED.

MAP NOTES/ DATA SOURCES:
LICENCE NUMBER © NATIONAL MAPPING DIVISION OF TAILTE EIREANN # 50351976

DRAWING STATUS: PLANNING APPLICATION

CLIENT/ EMPLOYER: KISH OFFSHORE WIND LTD/ BRAY OFFSHORE WIND LTD.

PROJECT TITLE: DUBLIN ARRAY O & M BUILDING, ST. MICHAEL'S PIER DUN LAOGHAIRE HARBOUR, CO. DUBLIN

DRAWING TITLE: PROPOSED DRAINAGE LAYOUT

SHEET NO: 1 OF 1

DRAWING NUMBER: DUN-WMC-ZZ-XX-DR-C-P0200

REVISION NO: R00

SCALE BAR:

SCALE: 1:200

PLOT SIZE: A1

DATUM: IRENET95

VERTICAL REF:

PRJ: IRENET95 IRISH TRANSVERSE MERCATOR

waterman moylan

DublinArray Generation for generations

PROPOSED DRAINAGE LAYOUT

SCALE 1:200