Partners in UK offshore wind

MONA OFFSHORE WIND PROJECT

Appendix to Response to Hearing Action Point: Indicative onshore cable corridor crossing section and trenchless technique crossing long-section

Deadline: 1

Application Reference: EN010137

Document Reference: S_D1_5.6

Document Number: MOCNS-J3303-RPS-10277

August 2024

F01

Image of an offshore wind farm

www.morganandmona.com/en

Document status

Version	Purpose of document	Authored by	Reviewed by	Approved by	Review date
F01	Deadline 1	Wardell Armstrong	Mona Offshore Wind Ltd	Mona Offshore Wind Ltd	August 2024

Prepared by:

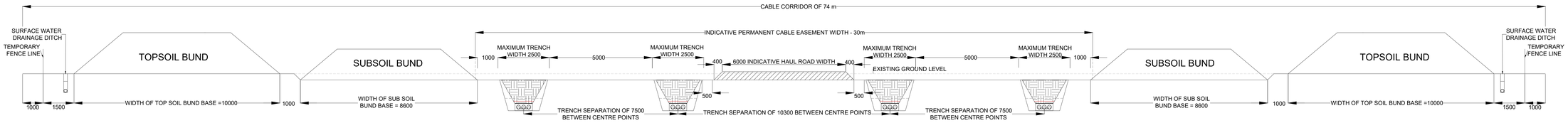
Wardell Armstrong

Prepared for:

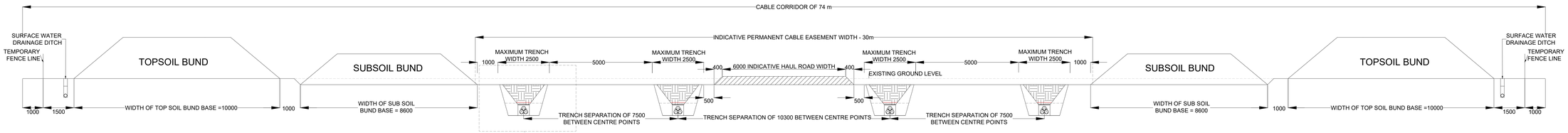
Mona Offshore Wind Ltd.

Contents

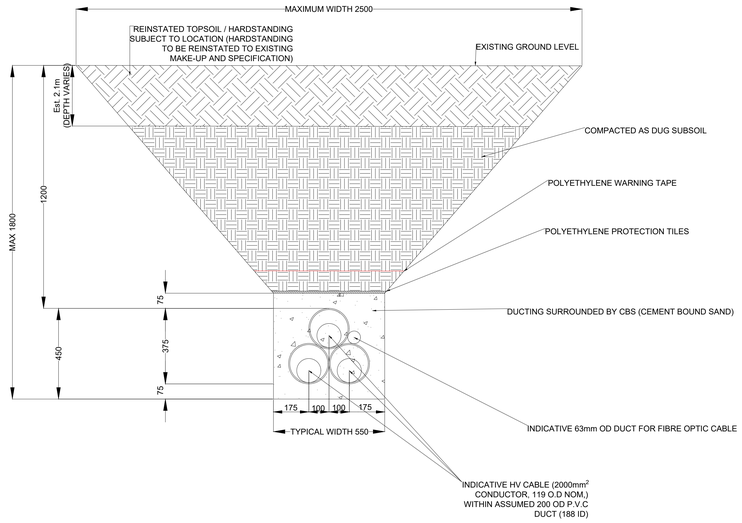
INDICATIVE CABLE CORRIDOR CROSS SECTION : FLAT



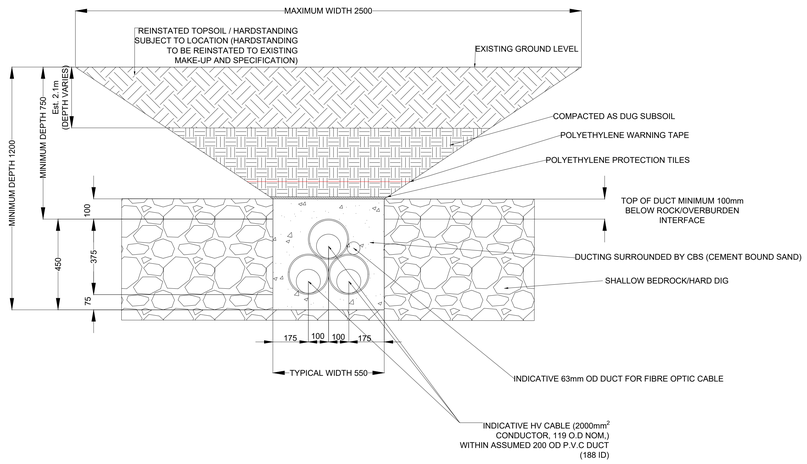
INDICATIVE CABLE CORRIDOR CROSS SECTION : TREFOIL



INDICATIVE CABLE TRENCH CROSS SECTION : CABLE TREFOIL FORMATION REGULAR GROUND



INDICATIVE CABLE TRENCH CROSS SECTION : CABLE TREFOIL FORMATION IN AREAS OF SHALLOW BEDROCK



DO NOT SCALE FROM THIS DRAWING

NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. DRAWING IS NOT FOR CONSTRUCTION.
3. DRAWING IS INDICATIVE ONLY
4. SUBSOIL BUND HEIGHTS NOT TO EXCEED 3m. INDICATIVE SIDE ANGLE OF 40°.
5. TOPSOIL BUNDS HEIGHTS NOT TO EXCEED 3m. INDICATIVE SIDE ANGLE OF 40°.
6. SUB-SOIL STOCKPILE SIZE INDICATIVE ONLY, VOLUME DEPENDANT ON DIMENSIONS OF CABLE TRENCH, DEPTH OF TOPSOIL AND CABLE ROUTE REINSTATEMENT REQUIREMENTS.
7. DRAWING IS INDICATIVE ONLY AND FEATURES SHOWN MAY BE POSITIONED AT DIFFERENT LOCATIONS WITHIN THE CABLE CORRIDOR DEPENDING ON LOCAL SITE CONDITIONS AND GROUND CONDITIONS.
8. ALL DIMENSION IN mm UNLESS OTHERWISE STATED.

REVISION	DETAILS	DATE	DRAWN	CHKD	APPD
F	FURTHER UPDATES FOR DCO	07/08/24	AM	MW	MW
E	FURTHER UPDATES FOR DCO	05/08/24	AM	MW	MW
D	FURTHER UPDATES FOR DCO	01/08/24	AM	MW	MW
C	UPDATED TO MEET DCO REQUIRMENTS	28/07/24	AM	MW	MW
B	FINAL FOR ISSUE	19/03/24	AM	MW	AH
A	FINAL FOR ISSUE	21/02/24	ZF	MW	AH
P01	FIRST DRAFT FOR ISSUE	23/05/23	AM	MW	AH

CLIENT: Mona Offshore Wind Limited

PROJECT: Mona Offshore Wind Farm

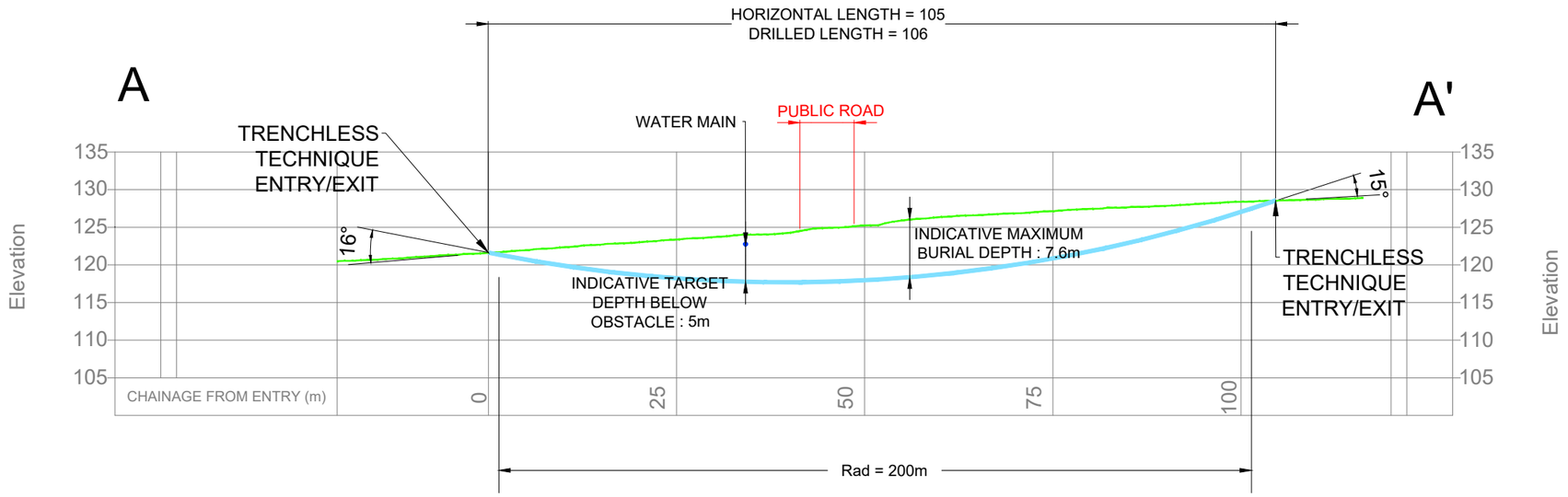
DRAWING TITLE: INDICATIVE ONSHORE CABLE CORRIDOR CROSS-SECTION

DRG No.	ED13798-GE-1015	REV	F
SUIT. CODE	S0		
DRG SIZE	A0	SCALE	NTS
DATE	23/05/2023		
DRAWN BY	AM	CHECKED BY	MW
APPROVED BY	AH		

wardell armstrong

N:\ED\ED13798 - MONA AND MORGAN OFFSHORE WINDS\3 - DESIGN\AUTOCAD\FIGURES\TYPICAL DRAWINGS\TYPICAL CABLE EASMENT CROSS SECTION.DWG

EXAMPLE TRENCHLESS LONG SECTION



KEY

Ground Profile

Trenchless Technique Crossing Profile

DO NOT SCALE FROM THIS DRAWING

Notes

1. THIS DRAWING IS INDICATIVE ONLY AND NOT FOR CONSTRUCTION.
2. ANY HORIZONTAL UTILITY STAND-OFF DISTANCES DISPLAYED ARE INDICATIVE. SUITABLE STAND-OFF DISTANCES WILL REQUIRE CONSIDERATION BY THE TRENCHLESS TECHNIQUE CROSSING DESIGNER IN CONSULTATION WITH UTILITY PROVIDER, AS NECESSARY.
3. ANY VERTICAL STAND-OFF DISTANCE BENEATH AN OBSTACLE DISPLAYED ARE INDICATIVE. SUITABLE STAND-OFF DISTANCES WILL REQUIRE CONSIDERATION BY THE TRENCHLESS TECHNIQUE CROSSING DESIGNER IN CONSULTATION WITH THE ASSET OWNER/OPERATOR AND ANY OTHER RELEVANT PARTIES, AS NECESSARY.
4. ALL TRENCHLESS TECHNIQUE CROSSING ALIGNMENTS AND DEPTHS ARE INDICATIVE ONLY. THE DRAWING DOES NOT CONSTITUTE A TRENCHLESS TECHNIQUE CROSSING DESIGN AND IS PROVIDED FOR THE PURPOSE OF INFORMING A GENERAL ASSESSMENT ON THE TRENCHLESS TECHNIQUE CROSSINGS POTENTIALLY REQUIRED FOR THE PROJECT ONLY.
5. A SINGLE TRENCHLESS TECHNIQUE CROSSING HORIZONTAL AND VERTICAL ALIGNMENT HAS BEEN PRESENTED TO PROVIDE INDICATIVE DETAIL ONLY. FINAL NUMBER AND ALIGNMENT OF TRENCHLESS TECHNIQUE CROSSINGS TO BE CONFIRMED BY TRENCHLESS TECHNIQUE CROSSING DESIGNER. THE REQUIRED SEPARATION DISTANCE BETWEEN ADJACENT TRENCHLESS TECHNIQUE CROSSINGS IS SUBJECT TO DETAILED ENGINEERING AND ELECTRICAL DESIGN.
6. TRENCHLESS TECHNIQUE CROSSING ENTRY AND EXIT ANGLES ARE RELATIVE TO EXISTING GROUND PROFILE RATHER THAN THE HORIZONTAL AS REQUESTED BY MONA OFFSHORE WIND FARM ENGINEERING TEAM. WHERE RIG IS SET UP ON A LEVEL PLATFORM THIS MAY AFFECT DRILLING ENTRY ANGLES AND THEREFORE CHANGING VERTICAL PROFILES PRESENTED.
7. TRENCHLESS TECHNIQUE ILLUSTRATIVELY BASED ON HDD.

REVISION	DETAILS	DATE	DR'N	CHK'D	APP'D
B	UPDATES FOR DCO	01/08/24	AM	MW	MW
A	FINAL FOR ISSUE	26/07/24	AM	MW	MW

CLIENT
MONA OFFSHORE WIND LIMITED

PROJECT
MONA OFFSHORE WIND FARM

DRAWING TITLE
INDICATIVE TRENCHLESS TECHNIQUE CROSSING LONG-SECTION

DRG No.	REV	SUIT.
ED13798-GE-1062	B	S0

DRG SIZE	SCALE	DATE
A3	1:750	26/07/2024

DRAWN BY	CHECKED BY	APPROVED BY
AM	MW	MW

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