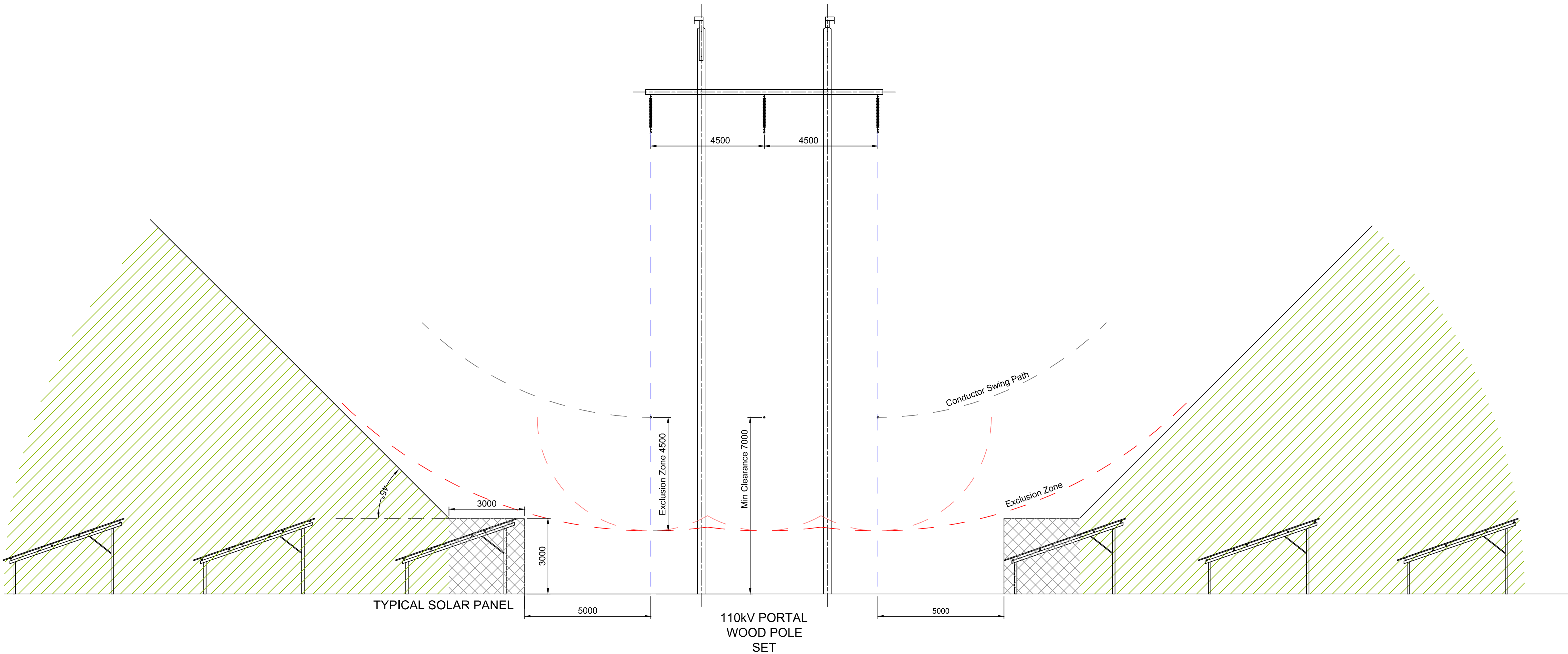



OVERHEAD LINE GROUND CLEARANCES	
Voltage	Clearance
110kV	7.0 m
220kV	8.0 m
400kV	9.0 m

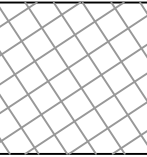
EXCLUSION ZONE FROM CONDUCTOR	
Voltage	Clearance
110kV	4.5 m
220kV	6.0 m
400kV	8.0 m



- Notes
- All dimensions in millimetres.
 - Overhead line clearances derived from EirGrid functional specification for overhead lines LDS-EFS-00-001-R0.
 - Exclusion zone clearances derived from ESBN Code of practice for avoiding danger from overhead lines.
 - Conductor swing path based on midspan blow out at minimum ground clearance.
 - This drawing does not specify clearances at structures. Refer to drawing MMD-373966-E-SK-00-XX-0011 for clearance at structures.
 - There is a statutory obligation for the developer to notify ESB prior to the erection of any structure within a 46 metre corridor of an overhead line. This notification shall be made in writing at least two months prior to commencement of construction works.

Key to symbols


Clear area for placement of Solar panels

3 metre height restriction on Solar panels

Reference drawings

Proposed 110kV setback distances plan view: MMD-373966-E-SK-00-XX-0011

P1	17/11/2017	SHY	Issued for Comment	DMC	DMC
Rev	Date	Drawn	Description	Ch'k'd	App'd



**MOTT
MACDONALD**

South Block
Rockfield
Dundrum
Dublin, 16
Ireland
T +353 (0) 1 2916700
F +353 (0) 1 2916747
W mottmac.com

Client



Title

Transmission Line and Solar Farm
Clearances
Proposed 110kV Setback Distances
Section Drawing

Designed	E. Halpenny	Eng check	D. McCormack	
Drawn	S.Healy	Coordination	G. McCarthy	
Dwg check	D. McCormack	Approved	D. McCormack	
Scale at A1	Status	Rev	Security	
1:100	PRE	P1	STD	
Drawing Number				
MMD-373966-E-SK-00-XX-0021				

