

NOTES

1. MIN CLEARANCE OVER MINOR HIGHWAYS TO BE 7.5m. MAJOR HIGHWAYS ARE TO RUN UNDERGROUND.
2. CLEARANCES SHOWN ARE THE MIN REQUIREMENTS FOR EXPECTED WORST CASE CONDITIONS i.e. MAX SAG AND SWING.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH AS7000.
4. MAXIMUM SAG OCCURS AT MAXIMUM DESIGN TEMPERATURE.
5. CONDUCTORS OF HIGHER VOLTAGE SHOULD NORMALLY BE PLACED ABOVE THE CONDUCTORS OF THE LOWER VOLTAGE CIRCUIT.
6. ON COMBINED HV AND LV POLE STRUCTURES, THE LV CROSSARM SHALL BE NO MORE THAN 9.0M ABOVE GROUND LEVEL EXCEPT AT RAIL CROSSINGS.

CLEARANCES FOR DIFFERENT CIRCUITS

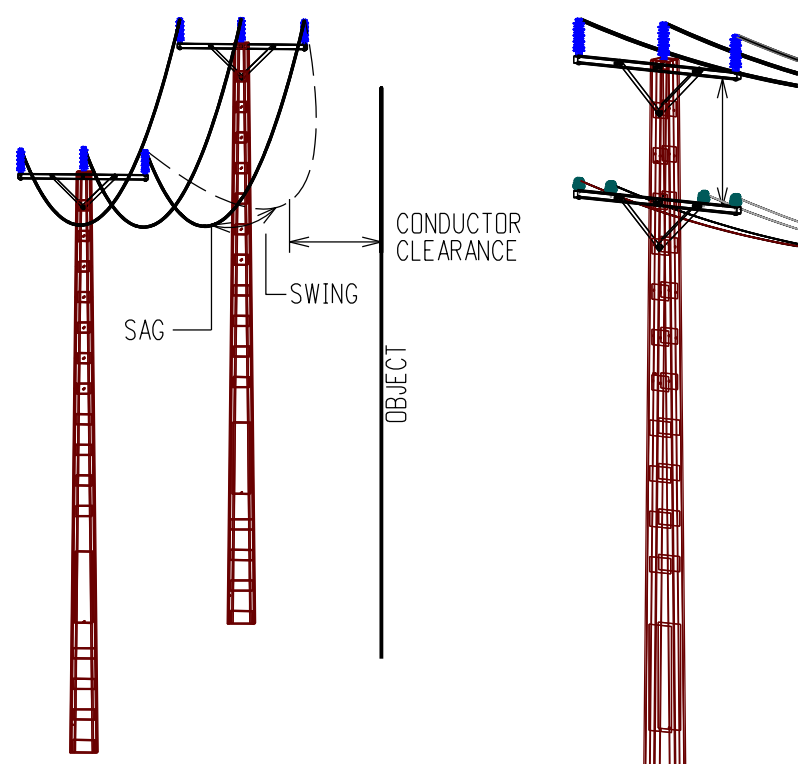
MIN CLEARANCE BETWEEN CONDUCTORS OF DIFFERENT CIRCUITS ON SEPARATE SUPPORTS FOR-

(A) IN-SPAN CIRCUIT CROSSING WHERE THE HIGHER VOLTAGE DOES NOT EXCEED-

- 1000V-0.6m
- 33kV-1.5m
- 66kV-1.8m

(B) CONDUCTOR TO STRUCTURE CROSSING WHERE THE HIGHER VOLTAGE DOES NOT EXCEED-

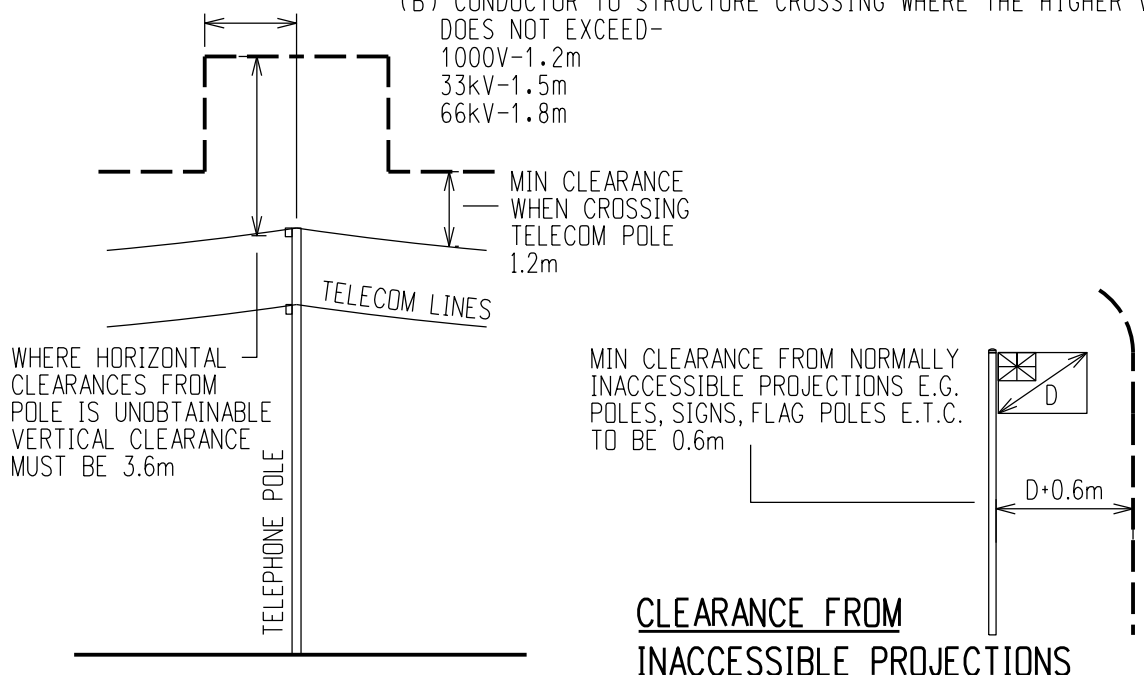
- 1000V-1.2m
- 33kV-1.5m
- 66kV-1.8m



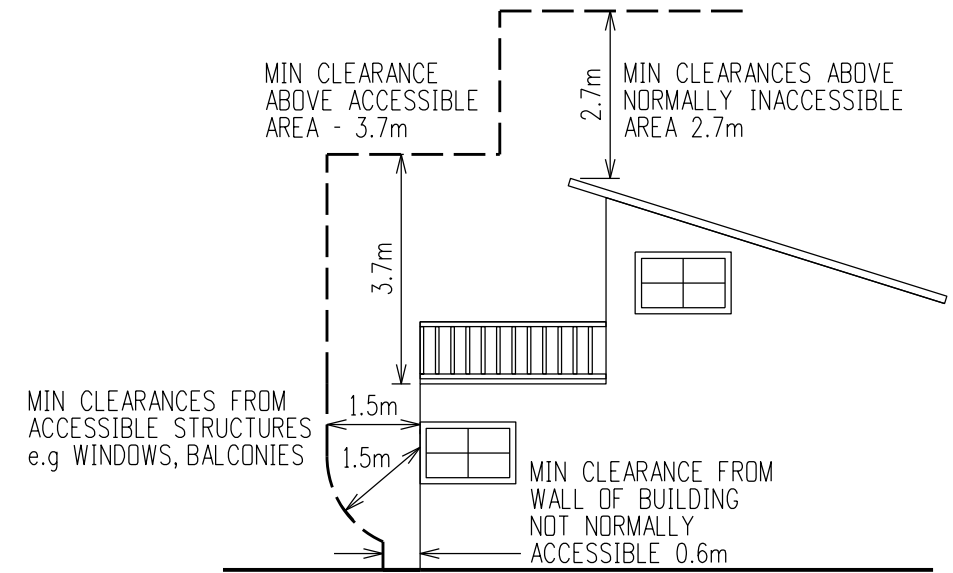
CONDUCTOR CLEARANCE
TOTAL CONDUCTOR CLEARANCE FROM INSULATOR IS CONDUCTOR SWING/SAG PLUS SPECIFIED CLEARANCE

MIN CLEARANCE BETWEEN LV AND HV CROSS ARMS

- LV AND 11kV - 1.2m
- 22kV - 1.2m
- 66kV - 1.8m



CLEARANCE FROM INACCESSIBLE PROJECTIONS



CLEARANCE FROM STRUCTURES

NO	DESCRIPTION	DRN	DATE	CKD	APPD
10	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	APR'19	C.C.	C.C.
9	RAILWAY SEPARATION UPDATED	A.T.	FEB'13	B.C.	B.C.
8	NOTE 3 AMENDED, NOTE 5, 6 ADDED	A.T.	MAR'12	B.C.	B.C.
7	REDRAWN IN CAD. CLEARANCES OVER ROAD & HIGHWAYS INCREASED	J.C.	JUL'09	A.T.	S.C.
AMENDMENTS					



DES	A. TAYLOR	POWER STANDARD DRAWING	
DRN	J. COPPINS	DESIGN DATA CLEARANCES L.V. OVERHEAD LINES	
CKD	A. TAYLOR		
APPD	S.C.	A3	DRAWING NUMBER S01-04-01-02
SCALE	JUL'09		
ISSUED	N.T.S.	DRAFTING STANDARD TO A.S.1100	
ALL DIM. IN mm			
		CAD PRODUCT - DO NOT AMEND MANUALLY	

