

- NOTE:**
- POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVE.
 - 5 DISC INSULATORS TO BE USED UNDER ALL CONDITIONS.
 - THE FOLLOWING INFORMATION IS OBTAINED FROM THE LINE SCHEDULE:
 - POLE LENGTH.
 - SPECIAL FOUNDATION REQUIREMENTS.
 - VARIATIONS TO STANDARD POLE DEPTH 'D'.
 - CONDUCTOR AND OVERHEAD EARTH WIRE.
 - STAY REQUIREMENTS.
 - DEVIATION ANGLE.
 - ASSESSED EARTHING REQUIREMENTS.
 - EYE BOLTS TO BISECT THE ANGLE OF DEVIATION.
 - POLE STEPS SHALL ONLY BE INSTALLED WHEN 11KV/LV CIRCUITS ARE ADDED.
 - HEIGHT ABOVE GROUND CALCULATED WITH SWING ANGLE AT MINIMUM CLEARANCE TO POLE.

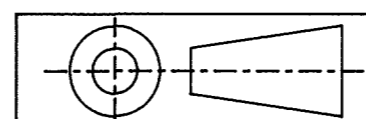
POLE LENGTH m	'D' STANDARD DEPTH m	'U' m
17.00	2.30	8.89
18.50	2.45	10.24
20.00	2.60	11.59
21.50	2.75	12.94
23.00	2.90	14.29
24.50	3.05	15.64

	FROM DATUM	
	X	Y
O.H.E.W.	330	-160
LOAD CENTRE O.H.E.W.	0	0
CONDUCTOR 'A'	980	-710
CONDUCTOR 'B'	980	-2510
CONDUCTOR 'C'	980	-4310
LOAD CENTRE CONDUCTOR	0	-1800

A2-514153

DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

DO NOT SCALE



ITEM	DESCRIPTION	DRG. No.	STOCK CODE	QTY.
6	TIMBER POLE FOOTING ARRANGEMENT	A3-8726		1
5	TIMBER POLE STRUCTURE EARTHING ARRANGEMENT TYPE SE-M5	A2-8786		1
4	O'HEAD LINE O.H.E.W. DOWN LEAD POLE HARDWARE MOUNT. AND BOND. ARR-2	A2-14145		3
3	OVERHEAD EARTHWIRE SUSPENSION ARRANGEMENT -1b	A2-14088		1
2	OVERHEAD LINE SUSPENSION INSULATOR STRING ARRANGEMENT	A2-14043		3
1	TIMBER POLE	A3-13988		1

CAD DRAWING
DO NOT MANUALLY AMEND
AMENDMENT NOTES
A: INITIAL ISSUE

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SCALE
1 : 25

DATE: 27 -3- 91
DRAWN: P.S.
CHECKED: *RW*
APPROVED:

ASSOCIATED DRAWINGS

THE SHORTLAND COUNTY COUNCIL
66kV TRANSMISSION LINES
STRUCTURE ASSEMBLY
5-160 E

SYSTEM DEVELOPMENT BRANCH
AUTHORISED by
J. W. [Signature]
for A.G.M.E.

14153 **A2**