

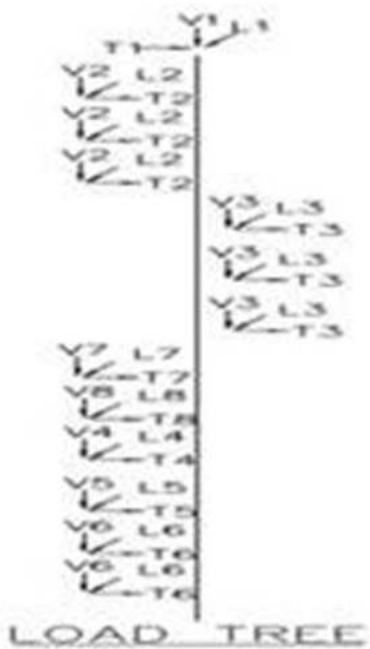
1. Section length- On the drawings, below note is mentioned-

10. POLE DESIGN AND FABRICATION SHALL INCLUDE PROVISIONS FOR A SLIP JOINT TO LIMIT LOWEST POLE SEGMENT EXTENSION ABOVE GRADE TO 12'-0" MAXIMUM.

To maintain 12' section length for section A is not optimized solution. Is this applicable for base plated poles?

-This note does not apply to any structure.

2. Loading point- In the str 63, loading tree shows load point at point no. 8, but in the table, loads for the same are not given. Can you please provide the loading vectors for point no.8?



Point loads 7 should be applied to point load 8 location.

3. For Str 11, vectors loads for point 'L3' are not given in the loading table, but shown in the loading tree. Please provide.

Loading table for STR 11 is provided below.

LOADING TABLE					
LOAD	CASE 1	CASE 2	CASE 3	CASE 7	CASE 9
V1	200	200	600	100	600
T1	1100	900	1200	200	1100
L1	-100	-100	-100	-100	-300
V2	900	500	1300	400	1400
T2	4300	3600	3400	1000	3100
L2	-100	-100	-100	-100	-200
V3	500	300	1000	300	1000
T3	3900	5800	2800	600	2300
L3	-100	-100	-100	-100	-1300
V4	400	200	900	200	900
T4	2000	1700	1800	400	1600
L4	-100	-100	-100	-100	-1000
V5	300	100	800	100	900
T5	900	1200	900	200	700
L5	-100	-100	-100	-100	-700
V6	500	200	1000	200	1100
T6	900	1600	1000	100	700
L6	-100	-100	-100	-	-600
V7	500	200	1600	200	200
T7	-1900	-900	-1500	-600	-1600
L7	-400	-200	-300	-100	-300
V8	500	200	1600	200	200
T8	-1900	-900	-1500	-600	-1600
L8	-400	-200	-300	-100	-300
W(PSF)	10	36.9	4.1	0	0

4. Arm Detail – For structure no.23, the arm type detail is missing. Can you please provide the necessary arm type detail.

Should be detail AR5.5D for arm detail on STR 23.

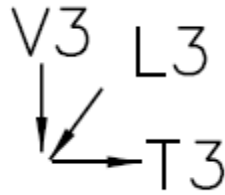
5. In pages 25/63 (DE-30R_STR-4) & 29/63 (DE-60R_STR-6) V4,T4,L4 loads are provided twice in load table. We are planning to apply both loads at load point 4.

Apply the point load that creates the most severe effect on the pole

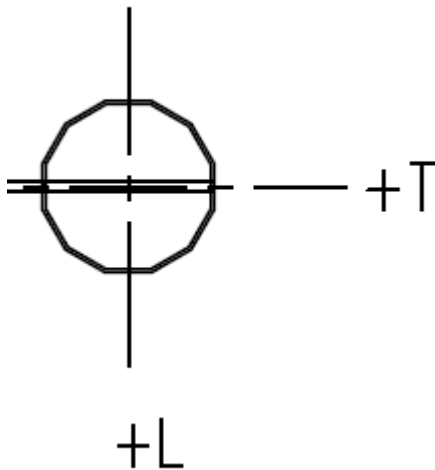
6. In page 28/63 load point 8 is shown in both elevation and load tree but is not available in load table. We are not applying any load for this.

Apply point load 7 at both locations on load tree where it says apply point load 7 and point load 8.

7. In page 32/63 Distribution arm detail is not specified. Assuming Detail "AR5.5D" for this.
Should be detail AR5.5D for arm detail on STR 23.
8. For few structures Distribution cross arm are by others for example in page 37/63 for which arm length is not available. Assuming 10ft for this for load offset purpose.
All Running angle structures have 12' crossarms
9. In page 40/63 all transverse loads are applied in -Ve direction as per the line angle irrespective of the load tree.
All point loads on the load tree should be as shown below, Positive down, Positive out of page, Positive right. Load directions in load table are correct.



Per PLS CADD default settings, Positive Longitudinal axis is always on back span face of pole and positive Transverse axis is always on the right side of the pole looking towards the ahead span.



10. In page 42/63 all transverse loads are applied in +Ve direction as per the line angle irrespective of the load tree and load table except for T7,T8 which are applied in opposite to that of other loads similar to page 41.
See answer to question 9.
11. Some pole structures are with -ve vertical loads due to which slip joints are in uplift. Can we propose the slip joint with splice lock bars for such a cases? Or we have to provide the flange joint for such a cases. Please confirm.
Per GUC, Please provide the flange joint for such a case.