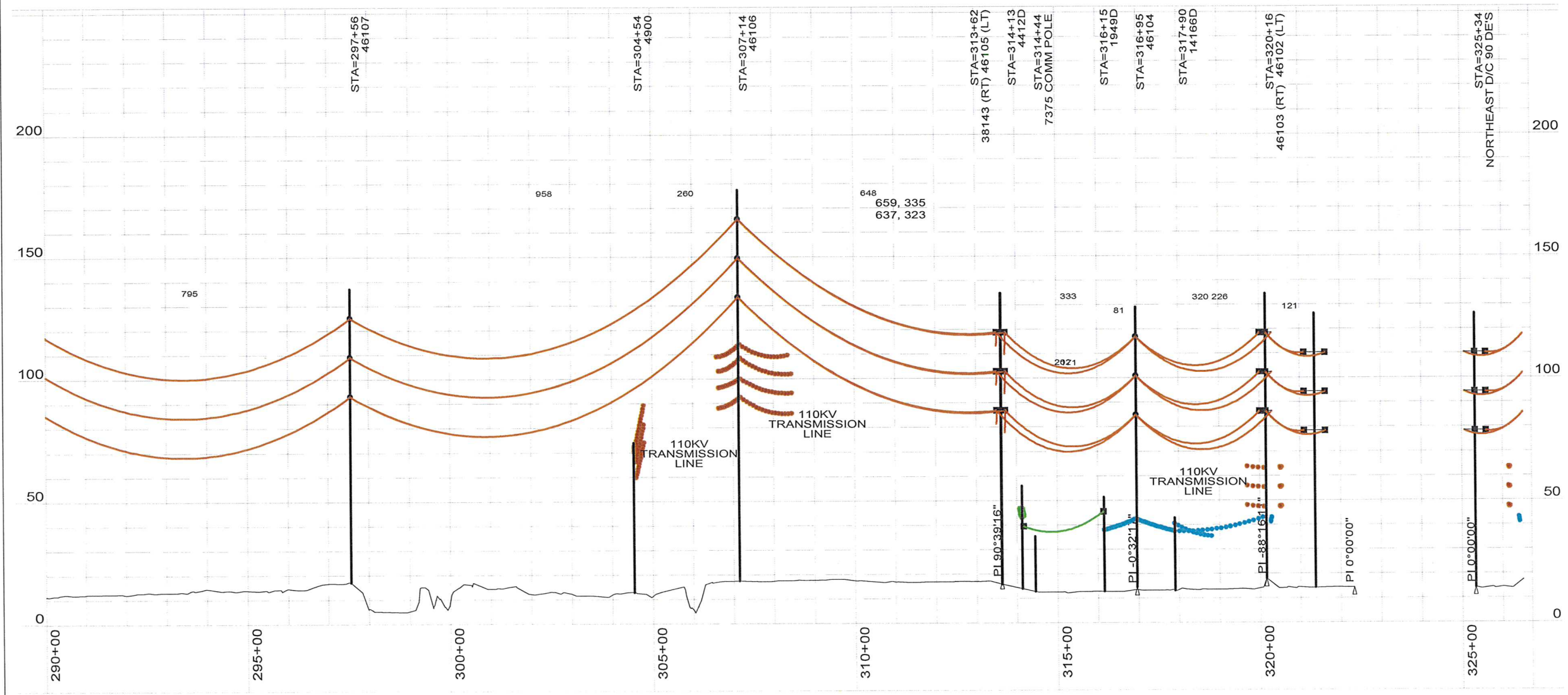


- PLAN VIEW LEGEND:**
- 110KV TRANSMISSION
 - 3 PHASE DISTRIBUTION
 - 1 OR 2 PHASE DISTRIBUTION
 - SERVICE WIRE
 - COMMUNICATION
 - OTHERS AS NOTED
- PROFILE VIEW LEGEND:**
- DEADEND IN TRANSMISSION ONLY
 - TANGENT

46110 (RT) 46109 (LT) - 38143 (RT) 46105 (LT), RULING SPAN 820 (FT), TENSION 5218 (LBS) AT 40 (DEG F)
 38143 (RT) 46105 (LT) - 46103 (RT) 46102 (LT), RULING SPAN 329 (FT), TENSION 1254 (LBS) AT 40 (DEG F)
 46103 (RT) 46102 (LT) - NORTHEAST D/C 90 DE'S, RULING SPAN 94 (FT), TENSION 849 (LBS) AT 40 (DEG F)
 46110 (RT) 46109 (LT) - 38143 (RT) 46105 (LT), RULING SPAN 817 (FT), TENSION 5222 (LBS) AT 40 (DEG F)
 46103 (RT) 46102 (LT) - NORTHEAST D/C 90 DE'S, RULING SPAN 148 (FT), TENSION 839 (LBS) AT 40 (DEG F)
 38143 (RT) 46105 (LT) - 46103 (RT) 46102 (LT), RULING SPAN 326 (FT), TENSION 1238 (LBS) AT 40 (DEG F)
 4412D - 1949D, RULING SPAN 197 (FT), TENSION 365 (LBS) AT 60 (DEG F) INITIAL



- NOTES:**
1. ORIGINAL PLS CADD MODEL CREATED BY ENGINEERING CONSULTANT. SUBSEQUENT LINE UPRATING PROJECT COMPLETED BY TACOMA POWER PRIOR TO ISSUANCE OF THIS DRAWING.
 2. 230KV CONDUCTOR IS (2) 1272 AAC, NARCISSUS DISPLAYED AT 120 DEGREES F UNLESS OTHERWISE NOTED.
 3. SPAN NOTES LISTED ABOVE, PROVIDE TENSIONS FOR THE CALCULATED CONDUCTOR TEMPERATURE AT TIME OF SURVEY.
 4. FACILITY LOCATIONS AND ELEVATIONS PROVIDED BY LIDAR SURVEY.
 5. DISTRIBUTION CONDUCTORS DISPLAYED AS SURVEYED FOR VISUAL REFERENCE ONLY.

300.0 FT. ———— HORIZ. SCALE
 50.0 FT. ———— VERT. SCALE

1	5/16/13	UPRATE AS-BUILT	MAC	MLV
NO.	DATE	REVISION	BY	CHECKED
CITY OF TACOMA DEPARTMENT OF PUBLIC UTILITIES				
BPA-TACOMA - SOUTHWEST 230KV LINE COWLITZ-NORTHEAST				
SUBMITTED		DESIGNED	DRAWN	CHECKED
APPROVED		DATE	SCALE	
		05/16/2013	AS SHOWN	
DRAWING NO.				DS1092
SHEET 11 OF 11				