


Notes:

1. Select connectors (Items 13, 14, 16) based on phase and neutral conductor size.
2. Maximum span lengths are based on the required clearance between conductors, and assume a level span. Contact Standards for other needed conductors or span lengths.
3. Adjust bolt lengths as necessary.

	STANDARDS	CONSTRUCTION STANDARDS		REV	DATE	DESCRIPTION
	PUBLIC UTILITY DISTRICT NO. 1 <small>Cowitz County, Washington 961 12th Avenue Longview, Washington</small>		3 PHASE OVERHEAD DISTRIBUTION DOUBLE DEADEND, 8FT FG ARM		0	09/29/25
		Designed	Checked	Standards Approved		Std/Dwg No.
		D. Tuominen	D. Thomas T. Walling			3-604 (1 of 2)

ITEM	QTY	ITEM #	MATERIAL DESCRIPTION	AU #
1	1	105210	Crossarm, FG, 8', 4-5/8" x 3-5/8", deadend, with hardware	930604
2	6	195501	Insulator, 15kV, polymer, suspension, 15kip, clevis-eye	
3	1	120362	Bolt, eye, 3/4" x 12", with square nut	
4	2	120432	Bolt, machine, 3/4" x 12", with square nut	
5	4	350120	Washer, square curved, 3" x 3", 13/16" hole	
6	1	220220	Nut, oval eye, 3/4"	
7	3	195235	Insulator, polymer pin, vise top	
8	3	230120	Pin, crossarm, 5/8" x 6-1/2", 1" nylon threads	
9	3	350210	Washer, square, 2-1/4" x 2-1/4", 11/16" hole	
10	1	120312	Bolt, eye, 5/8" x 12", with square nut	
11	2	350110	Washer, square curved, 3" x 3", 11/16" hole	
12	1	220210	Nut, oval eye, 5/8"	
13	8	292313	Connector, deadend, automatic, for 2 AAAC	933046
		292316	Connector, deadend, automatic, for 123 AAAC, 1/0 AAC Tree Wire	933047
		140772	Clamp, deadend, bolted, side opening, for 246 AAAC, 394 AAAC, 397 Tree Wire	933048
		140775	Clamp, deadend, bolted, side opening, for 652 AAAC, 927 AAAC	933049
14	1	155688	Connector, splice, compression, for 2 AAAC	938041
		155696	Connector, splice, compression, for 123 AAAC, 1/0 AAC Tree Wire	938044
		155670	Connector, splice, compression, for 394 AAAC, 397 Tree Wire	938049
		155676	Connector, splice, compression, for 652 AAAC	963082
		155680	Connector, splice, compression, for 927 AAAC	963083
15	3	603170	Conductor, 2 AAAC, 10' jumper	963049
		603190	Conductor, 123 AAAC, 10' jumper	963066
		603218	Conductor, 1/0 AAC Tree Wire, 10' jumper	963091
		603220	Conductor, 397 Tree Wire, 10' jumper	963089
		603652	Conductor, 652 AAAC, 10' jumper	963073
		603927	Conductor, 927 AAAC, 10' jumper	963074
16	6	800XXX	Connector, wedge tap (see Standard Dwg 12-150)	963XXX



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	Designed D. Tuominen	Checked D. Thomas T. Walling	Standards Approved <i>[Signature]</i>	0	09/29/25
			Std/Dwg No. 3-604 (2 of 2)		