



ALL PHASING IS LOOKING NORTH TOWARD DEER PARK STA.

138KV CONDUCTOR: 954ACSR45X7 "RAIL" (DISPLAYED @ 248°F, MAX SAG)				
FROM STR	TO STR	INSTALL QTY.	MAX TENSION NESC HEAVY (LB)	FULLING SPAN (FT)
HL 501	HL 514	3	3000	137
HL 514	HL 524	3	3500	123

  

SHIELD WIRE: OHGW-7#8AW (DISPLAYED @ 120°F, MAX SAG)				
FROM STR	TO STR	INSTALL QTY.	MAX TENSION NESC HEAVY (LB)	FULLING SPAN (FT)
HL 501	HL 505	1	1800	138
HL 505	HL 514	1	1800	137
HL 514	HL 524	1	1700	123

HL 517 (U17-208)  
 LAT: 39°12'11.41"N  
 LONG: 84°23'41.82"W

NOTES:  
 1. DISTRIBUTION TO BE DESIGNED BY OTHERS.  
 2. 12KV DISTRIBUTION UNDERBUILD ON HL 140 TO HL 130.

100' HORIZ. SCALE  
 20' VERT. SCALE

**FOR REVIEW**  
 1-26-26

NO.	DATE	DESCRIPTION	DRFT.	ENGR.

SEAL: THIS DRAWING OR BILL OF MATERIAL IS CONFIDENTIAL AND MAY NOT BE LOANED, REPRODUCED OR COPIED, EITHER WHOLLY OR IN PART, OR MADE PUBLIC IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF DUKE ENERGY CORPORATION.	SPANS 2601DEO0129CCI 2601DEO0136CIF 2601DEO0137CBT 2601DEO0319TWC	AREA: Midwest DISTRICT: Hamlet COUNTY: Hamilton, Ohio TOWNSHIP: Columbia MAXIMO WOH# 58127879 DUKE CONTACT:	<input checked="" type="checkbox"/> PRELIMINARY APPROVAL <input type="checkbox"/> FOR RECORD DATE: _____ NAME: _____	TITLE: <b>F7481 BLUE ASH - PHASE 2 ROAD IMPROVEMENT</b> LOCATION: HAMILTON COUNTY, OHIO
---	---	--	---	--

MIDWEST TRANSMISSION LINE	SCALE: 1"=100'	REV: 0	DWG NO: U17-T3
---------------------------	----------------	--------	----------------