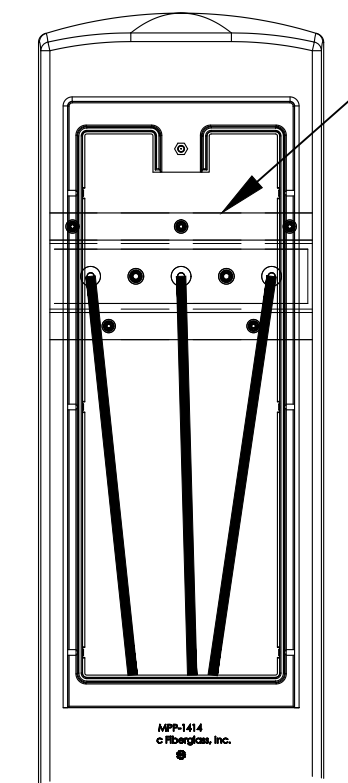


BOLLARDS NOT SHOWN FOR CLARITY. SEE DWG COL-E-JB2 FOR SPLICE CABINET DETAILS.

JUNCTION CABINET FRONT VIEW

N.T.S.

CABLE GROUNDING					
ITEM	QTY.	UNIT	DESCRIPTION	MANUFACTURER	CATALOG #
37	*	FT	WIRE, 2/0 COPPER BARE, STRANDED	SOUTHWIRE	
38A	*	EA	WIRE 2/0 COPPER INSULATED 600V XLP TYPE XHHW		
39	1	EA	PEDESTAL LINK BOX W/ 3KV SURGE ARRESTORS	NORDIC	MPP-141480-MG-CB



MOUNTING BRACKET ASSEMBLY W/ SURGE ARRESTORS

**THREE ARRESTOR STRAPS AND 3 EXTRA 3/8" SST LOCK WASHERS TO BE BOLTED TO BAR MOUNTING BOLTS BY MANUFACTURER.

SECTION VIEW DETAIL

LINK BOX W/ 2KV SURGE ARRESTERS
N.T.S.

NOTES:

1. CONCENTRIC NEUTRALS MUST BE INSULATED FROM GROUND. SEE ELBOW TERMINATION KIT INSTRUCTIONS FOR CORRECT METHOD FOR AN INSULATED TRANSITION FROM CONCENTRIC NEUTRAL TO INSULATED CABLE. AN ADDITIONAL SHIELD INTERRUPT KIT MAY BE REQUIRED.
2. NORDIC BOX BILL OF MATERIAL ONLY ACCOUNTS FOR SINGLE POINT BONDING MATERIALS. SEE JB2 FOR SPLICE BOX, ELBOWS, ETC.
3. LINK BOX MUST BE GROUNDED TO GROUNDING SYSTEM OF JUNCTION BOX.
4. CONTRACTOR MUST USE ELBOWS DESIGNED FOR CONCENTRIC NEUTRAL ISOLATION.
5. INSULATED CONCENTRIC NEUTRAL LEADS SHALL BE OF APPROXIMATELY THE SAME LENGTH.



FILENAME: LH-COL-E-CA04-A.dwg

<p>PIKE ENERGY SOLUTIONS, LLC 10101 Claude Freeman Drive, Suite 100W Charlotte, NC 28262 TX. License No. 12957</p>	<p>REVISION: A</p> <p>ISSUED FOR CONSTRUCTION SUPPORT SINGLE POINT BOND</p> <p>DATE ISSUED: 04/04/12 ISSUE TYPE: CONSTRUCTION</p>	<p>DFT: R.J.G. DES/CHK: R.D.J.</p> <p>ENG: J.L.M. BM: _____</p> <p>DPN: _____ FP: _____</p>	<p>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.</p>	<p>DRAFTED BY: R.J.G.</p> <p>DESIGNED/CHECKED BY: R.D.J.</p> <p>ENGINEER: J.L.M.</p> <p>DETAIL PROJECT NO: _____</p> <p>BM/FUNDING PROJECT: _____</p> <p>DATE ISSUED: 04/04/12</p>	<p><input checked="" type="checkbox"/> PRELIMINARY</p> <p><input type="checkbox"/> APPROVAL</p> <p><input type="checkbox"/> AS BUILT</p> <p>DATE: _____</p> <p>NAME: _____</p>	<p>TITLE: LAUREL HILL WINDPOWER COLLECTOR SYSTEM TWO WAY JB SINGLE POINT BONDING DETAIL</p> <p>LOCATION: LYCOMING COUNTY, PA</p> <p>SCALE: N.T.S.</p> <p>SCALE FACTOR: _____</p> <p>STA NO: LH A</p> <p>REV: _____</p> <p>DWG NO: COL-E-CA04</p>
	<p>PIKE ENERGY SOLUTIONS, LLC</p>					
	<p>DATE: 04/04/12</p>					

LH-COL-E-CA04