

NOTES:

- A. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- B. DUCT ROLL NOT TO EXCEED ONE RADIAL POSITION OVER THE MINIMUM TRANSPOSITION LENGTH.

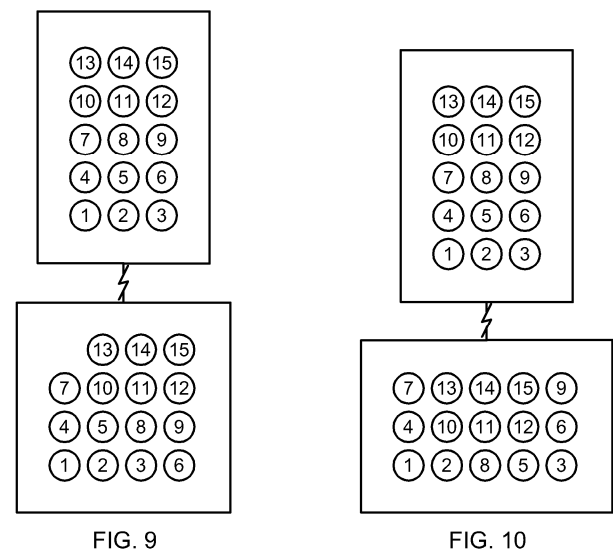
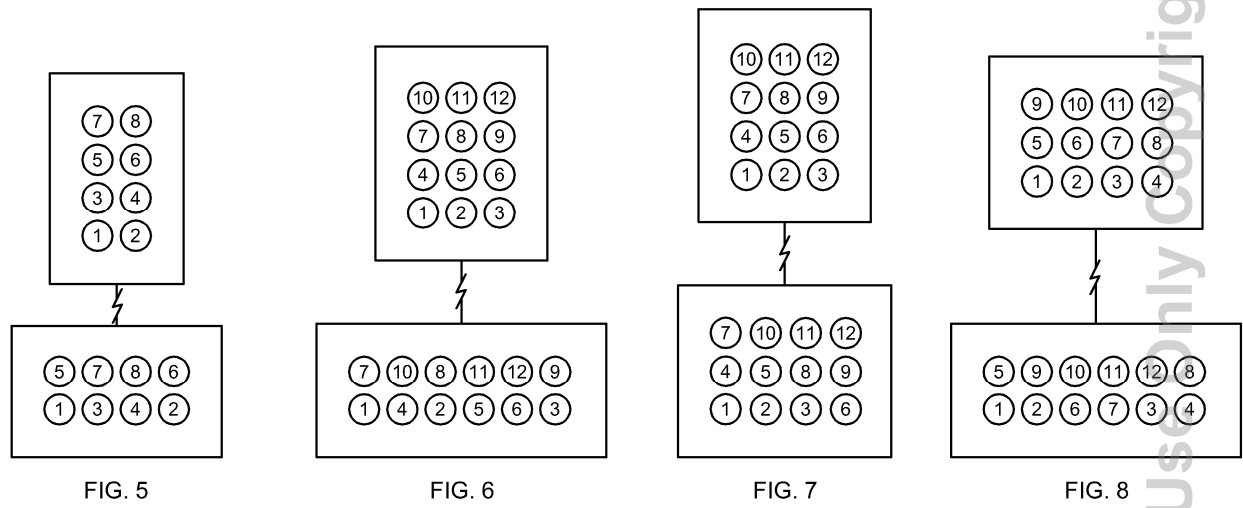
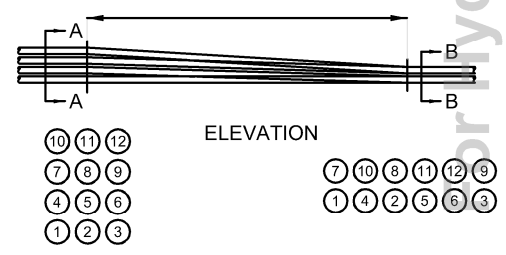


FIGURE NUMBER	MIN LENGTH FOR CHANGING FORMATION OF 100mm DIAMETER DUCTS
1-3-8	4500
2-4-5-7-9	6000
6-10	7500

LENGTH FOR CHANGING FORMATION OF DUCTS



TRANSPOSITION OF DUCTS

<p>REVISIONS</p> <p>REV: 1 DATE: 2002-07-04 CHANGE: REDRAW USING CADD</p> <p>REV: 2 DATE: 2010-05-18 CHANGE: TITLE CHANGE</p> <p>REV: 3 DATE: 2017-08-31 CHANGE: TITLE CHANGES, NOTES ADDED, FORMAT UPDATED</p>				<p>PREP: GM</p> <p>CHKD: PL</p> <p>APPD: CM</p>	<p>HydroOttawa</p> <p>WWW.HYDROOTTAWA.COM</p>	<p>TITLE: ENGINEERING SPECIFICATION</p> <p>DUCT TRANSPOSITION</p> <p>VARIOUS CONFIGURATIONS</p> <p>CONSTRUCTION DETAIL</p>	
				<p>PREP: G. MOLNAR</p> <p>CHKD: C. PROULX</p> <p>APPD: C. MALONE P.Eng</p> <p>DATE: 2002-04-30</p> <p>SCALE: N.T.S. @ ANSI A</p>		<p>NO: UDS0004</p>	<p>1 OF 1</p> <p>REV: 3</p>