





	<p style="text-align: center;"><b>BILL OF MATERIALS</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>TRACKING NUMBER</th> <th>ITEM</th> <th>QTY</th> <th>NOM Ø</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>.</td><td>1</td><td>8"</td><td>2"</td><td>PIPE, ERW, SCH. XS, ASME B36.10M, CS ASTM A106 GR. B</td></tr> <tr><td>.</td><td>2</td><td>11"</td><td>3"</td><td>PIPE, ERW, SCH. STD, ASME B36.10M, CS ASTM A53 GR. B TYPE-E</td></tr> <tr><td>.</td><td>3</td><td>1</td><td>3"</td><td>ELL 90 LR, SCH. STD, BW, ASME B16.9, CS ASTM A234 GR. WPB</td></tr> <tr><td>.</td><td>4</td><td>1</td><td>3"X2"</td><td>REDUCER (CONC), SCH. STD, BW, ASME B16.9, CS ASTM A234 GR. WPB</td></tr> <tr><td>.</td><td>5</td><td>1</td><td>2"</td><td>FLANGE SW, 300 LB, RF, ASME B16.5, CS ASTM A105N</td></tr> <tr><td>.</td><td>6</td><td>1</td><td>3"</td><td>FLANGE SO, 300 LB, RF, ASME B16.5, CS ASTM A105N</td></tr> <tr><td>.</td><td>7</td><td>8</td><td>2"</td><td>5/8" DIA. X 3" LG. HEAVY HEX BOLT, ASTM A193, GR.B7, ZINC BLACK HEAVY HEX NUT, ASTM A194 GR.2H, ZINC PLATED</td></tr> <tr><td>.</td><td>8</td><td>8</td><td>3"</td><td>3/4" DIA. X 3 3/4" LG. HEAVY HEX BOLT, ASTM A193, GR.B7, ZINC BLACK HEAVY HEX NUT, ASTM A194 GR.2H, ZINC PLATED</td></tr> <tr><td>.</td><td>9</td><td>1</td><td>2"</td><td>GASKET, SPIRAL WOUND, 1/8" THK., 300 LB, ASME B16.20, GP2A-1/8</td></tr> <tr><td>.</td><td>10</td><td>1</td><td>3"</td><td>GASKET, SPIRAL WOUND, 1/8" THK., 300 LB, ASME B16.20, GP2A-1/8</td></tr> </tbody> </table>	TRACKING NUMBER	ITEM	QTY	NOM Ø	DESCRIPTION	.	1	8"	2"	PIPE, ERW, SCH. XS, ASME B36.10M, CS ASTM A106 GR. B	.	2	11"	3"	PIPE, ERW, SCH. STD, ASME B36.10M, CS ASTM A53 GR. B TYPE-E	.	3	1	3"	ELL 90 LR, SCH. STD, BW, ASME B16.9, CS ASTM A234 GR. WPB	.	4	1	3"X2"	REDUCER (CONC), SCH. STD, BW, ASME B16.9, CS ASTM A234 GR. WPB	.	5	1	2"	FLANGE SW, 300 LB, RF, ASME B16.5, CS ASTM A105N	.	6	1	3"	FLANGE SO, 300 LB, RF, ASME B16.5, CS ASTM A105N	.	7	8	2"	5/8" DIA. X 3" LG. HEAVY HEX BOLT, ASTM A193, GR.B7, ZINC BLACK HEAVY HEX NUT, ASTM A194 GR.2H, ZINC PLATED	.	8	8	3"	3/4" DIA. X 3 3/4" LG. HEAVY HEX BOLT, ASTM A193, GR.B7, ZINC BLACK HEAVY HEX NUT, ASTM A194 GR.2H, ZINC PLATED	.	9	1	2"	GASKET, SPIRAL WOUND, 1/8" THK., 300 LB, ASME B16.20, GP2A-1/8	.	10	1	3"	GASKET, SPIRAL WOUND, 1/8" THK., 300 LB, ASME B16.20, GP2A-1/8	<p style="text-align: center;"><b>WELD LIST</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ITEM</th> <th>ITEM</th> <th>NOM Ø</th> <th>TYPE</th> <th>WELDER NUMBER</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td>3"</td><td>SO</td><td>.</td></tr> <tr><td>2</td><td></td><td>3"</td><td>BW</td><td>.</td></tr> <tr><td>3</td><td></td><td>3"</td><td>BW</td><td>.</td></tr> <tr><td>4</td><td></td><td>2"</td><td>BW</td><td>.</td></tr> <tr><td>5</td><td></td><td>2"</td><td>SW</td><td>.</td></tr> </tbody> </table> <p style="text-align: center;"><b>CUT PIECE LIST</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ITEM</th> <th>LENGTH</th> <th>NOM Ø</th> <th>END1</th> <th>END2</th> </tr> </thead> <tbody> <tr><td>1</td><td>10 7/16"</td><td>3"</td><td>BEVEL</td><td>SO</td></tr> <tr><td>2</td><td>8"</td><td>2"</td><td>SQUARE CUT</td><td>BEVEL</td></tr> </tbody> </table>	ITEM	ITEM	NOM Ø	TYPE	WELDER NUMBER	1		3"	SO	.	2		3"	BW	.	3		3"	BW	.	4		2"	BW	.	5		2"	SW	.	ITEM	LENGTH	NOM Ø	END1	END2	1	10 7/16"	3"	BEVEL	SO	2	8"	2"	SQUARE CUT	BEVEL
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<b>Cascades</b> <small>CASCADES CS+INC. une division de Cascades Canada inc. 465, boulevard Marie-Victorin Kingsey Falls (Québec) Tél. (819) 363-5920 Fax. (819) 363-5977</small>																																																																																																						
<b>TITRE/TITLE</b> PIPING ISOMETRIC <b>POUR/FOR</b> BOUILLOIRE ÉLECTRIQUE ING. DÉTAILLÉE <small>CECC CABANO</small>																																																																																																						
<small>CREATION/CREATED 2020-01-30 IMPRESSION/PRINTED 2020-04-08</small> <small>PROJET/PROJECT 8838_3 N.T.S.</small> <small>ECHELLE/SCALE REV. 5</small> <small>DESSINE PAR/DRAWN BY J.DESCHENES APPROUVE/APPROVED S.L.ROBERT, ing.</small> <small>POIDS/WEIGHT 439.564064</small> <small>FORMAT B</small> <small>NUMERO LIGNE/LINE NUMBER 8838_3_IS_WF-001</small> <small>FEUILLE 3</small>																																																																																																						