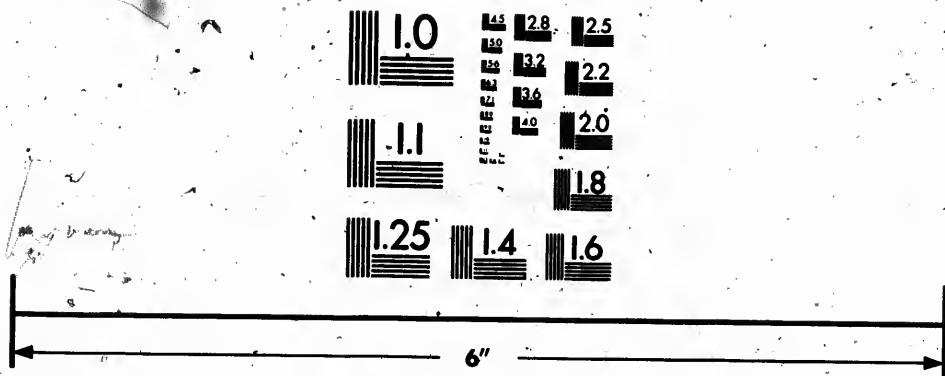


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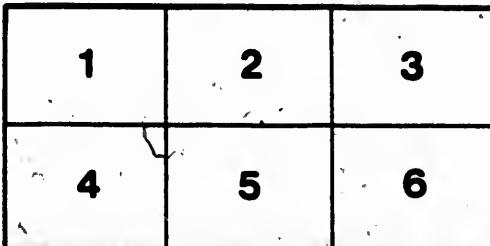
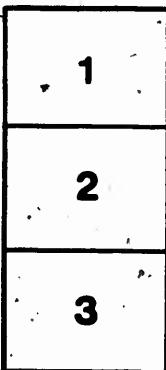
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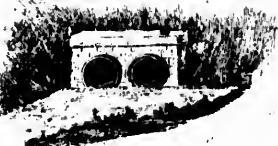
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The Standard Drain Pipe



Manufactured by

Manufactured by

DOUBLE-STRENGTH CULVERT PIPES

SAFETY-MADE, WHIRLPOOL-PROOF

Why pay extra for pipes which are not Double Strength Culvert Pipes? It is better to have them made of heavy iron, such as 100 lb. per cu. ft., or 120 lb. per cu. ft. of English cast iron. These Pipes will last longer, are more durable, and will cost you more but are guaranteed to last.

For City Sewerage, where there are no stone or brick walls to support the bottom, these are highly recommended. This Diagram shows a comparison of thickness and capacity of our pipes:

Thickness of Bottoms

Diameter of Pipe	Thickness of Bottoms	Thickness of Sides	Capacity
12"	1 1/2"	1 1/2"	1 cu. yd.
16"	2 1/2"	2 1/2"	2 cu. yds.
20"	3 1/2"	3 1/2"	3 cu. yds.
24"	4 1/2"	4 1/2"	4 cu. yds.
30"	5 1/2"	5 1/2"	5 cu. yds.
36"	6 1/2"	6 1/2"	6 cu. yds.
42"	7 1/2"	7 1/2"	7 cu. yds.
48"	8 1/2"	8 1/2"	8 cu. yds.
54"	9 1/2"	9 1/2"	9 cu. yds.
60"	10 1/2"	10 1/2"	10 cu. yds.
66"	11 1/2"	11 1/2"	11 cu. yds.
72"	12 1/2"	12 1/2"	12 cu. yds.
78"	13 1/2"	13 1/2"	13 cu. yds.
84"	14 1/2"	14 1/2"	14 cu. yds.
90"	15 1/2"	15 1/2"	15 cu. yds.
96"	16 1/2"	16 1/2"	16 cu. yds.
102"	17 1/2"	17 1/2"	17 cu. yds.
108"	18 1/2"	18 1/2"	18 cu. yds.
114"	19 1/2"	19 1/2"	19 cu. yds.
120"	20 1/2"	20 1/2"	20 cu. yds.
126"	21 1/2"	21 1/2"	21 cu. yds.
132"	22 1/2"	22 1/2"	22 cu. yds.
138"	23 1/2"	23 1/2"	23 cu. yds.
144"	24 1/2"	24 1/2"	24 cu. yds.
150"	25 1/2"	25 1/2"	25 cu. yds.
156"	26 1/2"	26 1/2"	26 cu. yds.
162"	27 1/2"	27 1/2"	27 cu. yds.
168"	28 1/2"	28 1/2"	28 cu. yds.
174"	29 1/2"	29 1/2"	29 cu. yds.
180"	30 1/2"	30 1/2"	30 cu. yds.
186"	31 1/2"	31 1/2"	31 cu. yds.
192"	32 1/2"	32 1/2"	32 cu. yds.
198"	33 1/2"	33 1/2"	33 cu. yds.
204"	34 1/2"	34 1/2"	34 cu. yds.
210"	35 1/2"	35 1/2"	35 cu. yds.
216"	36 1/2"	36 1/2"	36 cu. yds.
222"	37 1/2"	37 1/2"	37 cu. yds.
228"	38 1/2"	38 1/2"	38 cu. yds.
234"	39 1/2"	39 1/2"	39 cu. yds.
240"	40 1/2"	40 1/2"	40 cu. yds.
246"	41 1/2"	41 1/2"	41 cu. yds.
252"	42 1/2"	42 1/2"	42 cu. yds.
258"	43 1/2"	43 1/2"	43 cu. yds.
264"	44 1/2"	44 1/2"	44 cu. yds.
270"	45 1/2"	45 1/2"	45 cu. yds.
276"	46 1/2"	46 1/2"	46 cu. yds.
282"	47 1/2"	47 1/2"	47 cu. yds.
288"	48 1/2"	48 1/2"	48 cu. yds.
294"	49 1/2"	49 1/2"	49 cu. yds.
300"	50 1/2"	50 1/2"	50 cu. yds.
306"	51 1/2"	51 1/2"	51 cu. yds.
312"	52 1/2"	52 1/2"	52 cu. yds.
318"	53 1/2"	53 1/2"	53 cu. yds.
324"	54 1/2"	54 1/2"	54 cu. yds.
330"	55 1/2"	55 1/2"	55 cu. yds.
336"	56 1/2"	56 1/2"	56 cu. yds.
342"	57 1/2"	57 1/2"	57 cu. yds.
348"	58 1/2"	58 1/2"	58 cu. yds.
354"	59 1/2"	59 1/2"	59 cu. yds.
360"	60 1/2"	60 1/2"	60 cu. yds.
366"	61 1/2"	61 1/2"	61 cu. yds.
372"	62 1/2"	62 1/2"	62 cu. yds.
378"	63 1/2"	63 1/2"	63 cu. yds.
384"	64 1/2"	64 1/2"	64 cu. yds.
390"	65 1/2"	65 1/2"	65 cu. yds.
396"	66 1/2"	66 1/2"	66 cu. yds.
402"	67 1/2"	67 1/2"	67 cu. yds.
408"	68 1/2"	68 1/2"	68 cu. yds.
414"	69 1/2"	69 1/2"	69 cu. yds.
420"	70 1/2"	70 1/2"	70 cu. yds.
426"	71 1/2"	71 1/2"	71 cu. yds.
432"	72 1/2"	72 1/2"	72 cu. yds.
438"	73 1/2"	73 1/2"	73 cu. yds.
444"	74 1/2"	74 1/2"	74 cu. yds.
450"	75 1/2"	75 1/2"	75 cu. yds.
456"	76 1/2"	76 1/2"	76 cu. yds.
462"	77 1/2"	77 1/2"	77 cu. yds.
468"	78 1/2"	78 1/2"	78 cu. yds.
474"	79 1/2"	79 1/2"	79 cu. yds.
480"	80 1/2"	80 1/2"	80 cu. yds.
486"	81 1/2"	81 1/2"	81 cu. yds.
492"	82 1/2"	82 1/2"	82 cu. yds.
498"	83 1/2"	83 1/2"	83 cu. yds.
504"	84 1/2"	84 1/2"	84 cu. yds.
510"	85 1/2"	85 1/2"	85 cu. yds.
516"	86 1/2"	86 1/2"	86 cu. yds.
522"	87 1/2"	87 1/2"	87 cu. yds.
528"	88 1/2"	88 1/2"	88 cu. yds.
534"	89 1/2"	89 1/2"	89 cu. yds.
540"	90 1/2"	90 1/2"	90 cu. yds.
546"	91 1/2"	91 1/2"	91 cu. yds.
552"	92 1/2"	92 1/2"	92 cu. yds.
558"	93 1/2"	93 1/2"	93 cu. yds.
564"	94 1/2"	94 1/2"	94 cu. yds.
570"	95 1/2"	95 1/2"	95 cu. yds.
576"	96 1/2"	96 1/2"	96 cu. yds.
582"	97 1/2"	97 1/2"	97 cu. yds.
588"	98 1/2"	98 1/2"	98 cu. yds.
594"	99 1/2"	99 1/2"	99 cu. yds.
600"	100 1/2"	100 1/2"	100 cu. yds.
606"	101 1/2"	101 1/2"	101 cu. yds.
612"	102 1/2"	102 1/2"	102 cu. yds.
618"	103 1/2"	103 1/2"	103 cu. yds.
624"	104 1/2"	104 1/2"	104 cu. yds.
630"	105 1/2"	105 1/2"	105 cu. yds.
636"	106 1/2"	106 1/2"	106 cu. yds.
642"	107 1/2"	107 1/2"	107 cu. yds.
648"	108 1/2"	108 1/2"	108 cu. yds.
654"	109 1/2"	109 1/2"	109 cu. yds.
660"	110 1/2"	110 1/2"	110 cu. yds.
666"	111 1/2"	111 1/2"	111 cu. yds.
672"	112 1/2"	112 1/2"	112 cu. yds.
678"	113 1/2"	113 1/2"	113 cu. yds.
684"	114 1/2"	114 1/2"	114 cu. yds.
690"	115 1/2"	115 1/2"	115 cu. yds.
696"	116 1/2"	116 1/2"	116 cu. yds.
702"	117 1/2"	117 1/2"	117 cu. yds.
708"	118 1/2"	118 1/2"	118 cu. yds.
714"	119 1/2"	119 1/2"	119 cu. yds.
720"	120 1/2"	120 1/2"	120 cu. yds.
726"	121 1/2"	121 1/2"	121 cu. yds.
732"	122 1/2"	122 1/2"	122 cu. yds.
738"	123 1/2"	123 1/2"	123 cu. yds.
744"	124 1/2"	124 1/2"	124 cu. yds.
750"	125 1/2"	125 1/2"	125 cu. yds.
756"	126 1/2"	126 1/2"	126 cu. yds.
762"	127 1/2"	127 1/2"	127 cu. yds.
768"	128 1/2"	128 1/2"	128 cu. yds.
774"	129 1/2"	129 1/2"	129 cu. yds.
780"	130 1/2"	130 1/2"	130 cu. yds.
786"	131 1/2"	131 1/2"	131 cu. yds.
792"	132 1/2"	132 1/2"	132 cu. yds.
798"	133 1/2"	133 1/2"	133 cu. yds.
804"	134 1/2"	134 1/2"	134 cu. yds.
810"	135 1/2"	135 1/2"	135 cu. yds.
816"	136 1/2"	136 1/2"	136 cu. yds.
822"	137 1/2"	137 1/2"	137 cu. yds.
828"	138 1/2"	138 1/2"	138 cu. yds.
834"	139 1/2"	139 1/2"	139 cu. yds.
840"	140 1/2"	140 1/2"	140 cu. yds.
846"	141 1/2"	141 1/2"	141 cu. yds.
852"	142 1/2"	142 1/2"	142 cu. yds.
858"	143 1/2"	143 1/2"	143 cu. yds.
864"	144 1/2"	144 1/2"	144 cu. yds.
870"	145 1/2"	145 1/2"	145 cu. yds.
876"	146 1/2"	146 1/2"	146 cu. yds.
882"	147 1/2"	147 1/2"	147 cu. yds.
888"	148 1/2"	148 1/2"	148 cu. yds.
894"	149 1/2"	149 1/2"	149 cu. yds.
900"	150 1/2"	150 1/2"	150 cu. yds.
906"	151 1/2"	151 1/2"	151 cu. yds.
912"	152 1/2"	152 1/2"	152 cu. yds.
918"	153 1/2"	153 1/2"	153 cu. yds.
924"	154 1/2"	154 1/2"	154 cu. yds.
930"	155 1/2"	155 1/2"	155 cu. yds.
936"	156 1/2"	156 1/2"	156 cu. yds.
942"	157 1/2"	157 1/2"	157 cu. yds.
948"	158 1/2"	158 1/2"	158 cu. yds.
954"	159 1/2"	159 1/2"	159 cu. yds.
960"	160 1/2"	160 1/2"	160 cu. yds.
966"	161 1/2"	161 1/2"	161 cu. yds.
972"	162 1/2"	162 1/2"	162 cu. yds.
978"	163 1/2"	163 1/2"	163 cu. yds.
984"	164 1/2"	164 1/2"	164 cu. yds.
990"	165 1/2"	165 1/2"	165 cu. yds.
996"	166 1/2"	166 1/2"	166 cu. yds.
1002"	167 1/2"	167 1/2"	167 cu. yds.
1008"	168 1/2"	168 1/2"	168 cu. yds.
1014"	169 1/2"	169 1/2"	169 cu. yds.
1020"	170 1/2"	170 1/2"	170 cu. yds.
1026"	171 1/2"	171 1/2"	171 cu. yds.
1032"	172 1/2"	172 1/2"	172 cu. yds.
1038"	173 1/2"	173 1/2"	173 cu. yds.
1044"	174 1/2"	174 1/2"	174 cu. yds.
1050"	175 1/2"	175 1/2"	175 cu. yds.
1056"	176 1/2"	176 1/2"	176 cu. yds.
1062"	177 1/2"	177 1/2"	177 cu. yds.
1068"	178 1/2"	178 1/2"	178 cu. yds.
1074"	179 1/2"	179 1/2"	179 cu. yds.
1080"	180 1/2"	180 1/2"	180 cu. yds.
1086"	181 1/2"	181 1/2"	181 cu. yds.
1092"	182 1/2"	182 1/2"	182 cu. yds.
1098"	183 1/2"	183 1/2"	183 cu. yds.
1104"	184 1/2"	184 1/2"	184 cu. yds.
1110"	185 1/2"	185 1/2"	185 cu. yds.
1116"	186 1/2"	186 1/2"	186 cu. yds.
1122"	187 1/2"	187 1/2"	187 cu. yds.
1128"	188 1/2"	188 1/2"	188 cu. yds.
1134"	189 1/2"	189 1/2"	189 cu. yds.
1140"	190 1/2"	190 1/2"	190 cu. yds.
1146"	191 1/2"	191 1/2"	191 cu. yds.
1152"	192 1/2"	192 1/2"	192 cu. yds.
1158"	193 1/2"	193 1/2"	193 cu. yds.
1164"	194 1/2"	194 1/2"	194 cu. yds.
1170"	195 1/2"	195 1/2"	195 cu. yds.
1176"	196 1/2"	196 1/2"	196 cu. yds.
1182"	197 1/2"	197 1/2"	197 cu. yds.
1188"	198 1/2"	198 1/2"	198 cu. yds.
1194"	199 1/2"	199 1/2"	199 cu. yds.
1200"	200 1/2"	200 1/2"	200 cu. yds.
1206"	201 1/2"	201 1/2"	201 cu. yds.
1212"	202 1/2"	202 1/2"	202 cu. yds.
1218"	203 1/2"	203 1/2"	203 cu. yds.
1224"	204 1/2"	204 1/2"	204 cu. yds.
1230"	205 1/2"	205 1/2"	205 cu. yds.
1236"	206 1/2"	206 1/2"	206 cu. yds.
1242"	207 1/2"	207 1/2"	207 cu. yds.
1248"	208 1/2"	208 1/2"	208 cu. yds.
1254"	209 1/2"	209 1/2"	209 cu. yds.
1260"	210 1/2"	210 1/2"	210 cu. yds.
1266"	211 1/2"	211 1/2"	211 cu. yds.
1272"	212 1/2"	212 1/2"	212 cu. yds.
1278"	213 1/2"	213 1/2"	213 cu. yds.
1284"	214 1/2"	214 1/2"	214 cu. yds.
1290"	215 1/2"	215 1/2"	215 cu. yds.
1296"	216 1/2"	216 1/2"	216 cu. yds.
1302"	217 1/2"	217 1/2"	217 cu. yds.
1308"	218 1/2"	218 1/2"	218 cu. yds.
1314"	219 1/2"	219 1/2"	219 cu. yds.
1320"	220 1/2"	220 1/2"	220 cu. yds.
1326"	221 1/2"	221 1/2"	221 cu. yds.
1332"	222 1/2"	222 1/2"	222 cu. yds.
1338"	223 1/2"	223 1/2"	223 cu. yds.
1344"	224 1/2"	224 1/2"	224 cu. yds.
1350"	225 1/2"	225 1/2"	225 cu. yds.
1356"	226 1/2"	226 1/2"	226 cu. yds.
1362"	227 1/2"	227 1/2"	227 cu. yds.
1368"	228 1/2"	228 1/2"	228 cu. yds.
1374"	229 1/2"	229 1/2"	229 cu. yds.
1380"	230 1/2"	230 1/2"	230 cu. yds.
1386"	231 1/2"	231 1/2"	231 cu. yds.
1392"	232 1/2"	232 1/2"	232 cu. yds.
1398"	233 1/2"	233 1/2"	233 cu. yds.
1404"	234 1/2"	234 1/2"	234 cu. yds.
1410"	235 1/2"	235 1/2"	235 cu. yds.
1416"	236 1/2"	236 1/2"	236 cu. yds.
1422"	237 1/2"	237 1/2"	237 cu. yds.
1428"	238 1/2"	238 1/2"	238 cu. yds.
1434"	239 1/2"	239 1/2"	239 cu. yds.
1440"	240 1/2"	240 1/2"	240 cu. yds.
1446"	241 1/2"	241 1/2"	241 cu. yds.
1452"	242 1/2"	242 1/2"	242 cu. yds.
1458"	243 1/2"	243 1/2"	243 cu. yds.
1464"	244 1/2"	244 1/2"	244 cu. yds.
1470"	245 1/2"	245 1/2"	245 cu. yds.
1476"	246 1/2"	246 1/2"	246 cu. yds.
1482"	247 1/2"	247 1/2"	247 cu. yds.
1488"	248 1/2"</td		

— : CERTIFICATES : —

FROM P. W. ST. GEORGE, ESQ., C. E., CITY SURVEYOR, MONTREAL.

CITY SURVEYOR'S OFFICE,

Montreal, May 7th, 1888.

W. C. Trotter, Manager Standard Drain Pipe Company, St. Johns:

DEAR SIR,—I herewith send you two tests made with your Pipes, on the 7th of March and of 3rd of May, 1888:

TESTING VITRIFIED CLAY PIPES, MARCH 7, 1888.							SMOKE TEST, MAY 3, 1888.
Maker.	Size of Pipe.	No. Test.	Thickness.	Weight of Pipe in Lbs.	Breaking Wgt. in Lbs. to Square Inch.	Average.	Eight Lengths of Pipe and Three Junctions.
Standard Drain Pipe Comp'y	12 in	1	1 inch	131 lbs	5784 lbs	5696 lbs	ST. JOHNS
" "	12 in	2	1 inch	130 lbs	5628 lbs		Leaked at one small hole.
" "	9 in	3	7/8 inch	88 lbs	4812 lbs	4876 lbs	GARTCRAIG
" "	9 in		5/8 inch	88 lbs	4876 lbs	5864 lbs	Leaked at sockets and junction of three junctions, and leaked in three lengths of pipe.
" "	9 in		3/8 inch	88 lbs	5804 lbs		

Yours truly,

P. W. ST. GEORGE, City Surveyor.

FROM P. W. ST. GEORGE, ESQ., C. E.

CITY SURVEYOR'S OFFICE,

MONTRÉAL, Feb. 23, 1891.

W. C. Trotter, Esq., Pres. Standard Drain Pipe Co., St. Johns:

DEAR SIR,—In reply to your letter of the 18th inst., asking my opinion in reference to the strength and durability of the Vitrified Tile Pipes and Inverts furnished by your company to the Road Department of the City of Montreal, I beg to say that it has been good. The test made as to crushing strength was most satisfactory, a proof of which is that we used in 1890:

Pipes of 4, 6, 9, 12 and 15 inch, -	12,175
Bends, -	3,568
Inverts, -	26,244

Yours truly,

PERCIVAL W. ST. GEORGE,

City Surveyor.

FROM R. P. FLEMING, ESQ., C. E.

Engineer to the Sanitary Association of Montreal, and M.C.S.C.E.

MONTRÉAL SANITARY ASSOCIATION,

10th May, 1888.

W. C. Trotter, Esq., Manager Standard Drain Pipe Co., St. Johns:

DEAR SIR,—I have pleasure in testifying that I have tested your Vitrified Drain, both as regards crushing strength and freedom from kiln cracks and other defects, and found them highly satisfactory in these respects. A drain consisting of eight lengths of straight pipe and three junction pieces was submitted to the critical smoke test, which the pipes withstood in a most satisfactory manner; while a second drain of inferior pipes from another factory, when submitted to the same test, showed numerous defects in the pipes, through which the smoke escaped in large quantities.

I am, sir, yours very truly,

(Signed) RICHARD P. FLEMING,

M. Can. Soc., C. E., Engineer.

FROM J. A. U. BEAUDRY, ESQ., C. E.

Dominion Land Surveyor.

99 ST. JAMES ST., MONTREAL.

October 17th, 1884.

To the Standard Drain Pipe Company, St. Johns, P. Q.:

I have much pleasure in stating that the Tile Pipes we have received from you for the sewers of St. Cunegonde have proved superior in quality and appearance to those imported from Scotland.

(Signed) J. ALPHONSE BEAUDRY, C. E.,
Engineer in charge.

FROM C. SPROATT, ESQ., C. E.

City Engineer, Toronto.

CITY ENGINEER'S OFFICE,
Toronto, Jun. 8th, 1889.

Robt. Carroll, Esq., Agent Standard Drain Pipe Co.:

DEAR SIR,—The city will accept St. Johns pipe on the several city works subject to the same terms and conditions as other grades of pipe which are used on the city works are subjected to.

Yours truly,
(Signed) C. SPROATT,
City Engineer.

FROM J. L. STOKES, ESQ., C. E.

Engineer in charge Parkdale, (Toronto.)

OFFICE OF THE COUNTY ENGINEER AND SUPT. OF YORK ROADS,
County Court House, Toronto, Dec. 10th, 1888.

To R. Carroll, Esq.:

DEAR SIR,—In reply to your question re St. Johns Sewer Pipes, I beg to say that in the town of Parkdale I used about 8000 feet of said pipe, (15 inch), the same having been furnished by you to Contractor Farly, and was well satisfied with them. I consider them a good, serviceable pipe.

I am yours, &c.,
(Signed) JOHN L. STOKES,
City Engineer.

CERTIFICATES. CONTINUED.

FROM RHODES, CURRY & CO.

Manufacturers and Builders.

AMHERST, N. S., Feb. 23, 1891.

To the Standard Drain Pipe Co., St. Johns, P. Q.:

In reply to your favor of 21st inst., we beg to say that we have been using for the past four years Drain Pipes, also Smoke Jacks and Wind-Guards, made by the Standard Drain Pipe Company of St. Johns, Que., and have had entire satisfaction with all goods we have used of above company's make.

Yours truly,

RHODES, CURRY & CO.

FROM JOHN MAGUIRE, ESQ.

Private Drain Inspector

CITY ENGINEER'S OFFICE, TORONTO.

To the President Standard Drain Pipe Co., St. Johns:

DEAR SIR.—In reply to your request as to my opinion of your make of Drain Pipes, I have much pleasure in stating that I have used them and am using them daily. I consider them much better than any European Drain Pipe I have ever seen. As to their strength and durability, I have no hesitation in saying that I believe them to be unwearable and indestructible.

Respectfully yours,

(Signed) JOHN MAGUIRE,

Private Drain Inspector, Toronto, Ont.

FROM T. & T. LEBLANC.

MONTROSE, N. B., Feb. 28, 1891.

To the Standard Drain Pipe Company, St. Johns, P. Q.:

GENTLEMEN.—We beg to say that we have had thirteen years experience in constructing sewers, and in this time have used quantities of Salt-Glazed Pipes of various makes, and can recommend yours as being equally as good as any foreign make.

Yours respectfully,

T. & T. LEBLANC,

Sewer Contractors.

FROM E. BERRYMAN, ESQ.

Chief Engineer Quebec Central Railway Company,

OFFICE OF THE CHIEF ENGINEER,

Sherbrooke, Nov. 12, 1890.

W. C. Trotter, Esq., Manager Standard Drain Pipe Company, St. Johns, Que.:

DEAR SIR.—I have much pleasure in stating that during the past two years I have used your Culvert Pipes on this Railway, in many places under fifteen-feet banks. Up to this date they have not shown the least sign of failure, but are giving entire satisfaction. I shall therefore continue their use.

Yours very truly,

E. BERRYMAN,

Chief Engineer.

FROM I. B. FUTVOYE, ESQ.

Superintendent Central Vermont Railroad.

SUPERINTENDENT'S OFFICE,

St. Johns, P. Q., Feb. 17, 1892.

W. C. Trotter, Esq., Pres. Standard Drain Pipe Co., St. Johns:

DEAR SIR.—The Pipes that we purchased from you during last season for culverts on the northern division of our railroad have given good satisfaction, and we hope to give you further and larger orders during the coming season.

I am yours very truly

I. B. FUTVOYE,
Supt. C. V. R.R.

FROM E. W. RATHBUN, ESQ.

OFFICE OF THE KINGSTON, NAPANEE & WESTERN Ry. Co.

Deseronto, Ont., March 7, 1891.

W. C. Trotter, Esq., President Standard Drain Pipe Company, St. Johns, P. Q.:

DEAR SIR.—Your favor of the 6th received. The Culvert Pipes furnished by your company for use on the Kingston, Napanee & Western Ry. R., have given excellent satisfaction. Should we require any more during the present season, we will gladly place the order with you.

Yours truly,

E. W. RATHBUN

FROM HIRAM DUNKIN, ESQ.

CAPE BRETON RAILWAY,

RESIDENT CHIEF ENGINEER'S OFFICE,

Hawkesbury, C. B., March 6, 1891.

W. C. Trotter, Esq., President Standard Drain Pipe Company, St. Johns, P. Q.:

DEAR SIR.—For answer to your letter of Feb. 16th, I have to say that your Pipes are and have been giving good satisfaction on this road. Some of these pipes are under 12 feet of embankment, and there is no failure as yet from crushing, nor do I think there will be.

Yours truly,

HIRAM DUNKIN.

FROM H. J. MCGRATH, ESQ.

DORCHESTER, N. B., Feb. 25, 1891.

To the Standard Drain Pipe Co., (Ltd.) St. Johns, Que.:

GENTLEMEN.—I recommend your make of Smoke Jacks for railway round-houses as being fully equal to any foreign make, also your manufacture of Salt-Glazed Pipes for sewers and culverts.

Yours, &c.,

H. J. MCGRATH,
Government Inspector of Masonry.

THE STANDARD DRAIN PIPE CO.,

ST. JOHNS, P. Q.

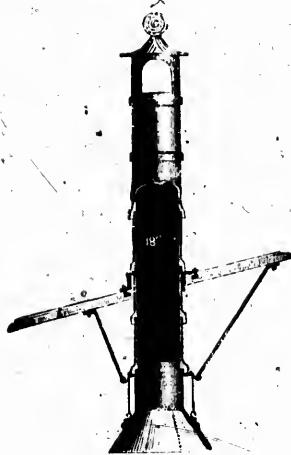
DOUBLE STRENGTH CULVERT RIFLE

THE INTERCOLONIAL REVIEW



P. G. REED, E. C. TAYLOR, W. MANNERS, FREDERIC COOPER, JAMES DUNN,
THOMAS DE SKIN, ERIC SKINNER, AND RONALD S. COPPING, ON THE
TOPOGRAPHY OF THE LIPID-PROTEIN COMPLEXES IN THE
LIVER.

FIRE-CLAY SMOKE JACKS LOCOMOTIVE ROUNDHOUSES.



These Smoke Jacks are superior to iron, being non-corrosive, always clean, not affected by the weather, and cheaper. The top piece is a Windguard.

The Standard Drain Pipe Co. (cont'd.)

News Typ., St. John.

