over th	e boilers, each tank holding 1,200	
gans. 1	ollowing are the general dimensions.	
Cylinders	(two sets)—diam. (high pressure) 111 ins.	
	(two sets)—diam. (high pressure)	
**	valve Data 10 ins.	
Boiler-di	ameter	
:: th	ickness of sheets.	
" fu	orking pressure	
Fire-box-	material	
••		
	width	
••	whith	
4.	back 5-16 in	
**	crown3-8 in.	
Tubes-nu	mber	
" dia	meter 136 gth 21ns gth 12 ft, 9 ins urface- fire-boxes 148 tubes 148	
ler	gth 12 ft. o ins	
Heating S	urtace- fire-boxes148	
**	total 1,804	
D : :	grate area1,952	
Driving W	tubes. 148 tubes. 1,804 total. 1,952 grate area. 26 heels—diameter of center. 40 ins.	
• •	diameter of center34 ins.	
Wheel Bas	diameter outside	
Walash	total 38 ft. 4 ins.	
weight-d	n drivers 161,400	
with total 9 ft. 9 ins. total 38 ft. 4 ins. Weight—on drivers 161,400 total 161,400 Tank capacity, aggregate 2,400 gals.		
On pag	res 202 & 207 ara an ill	
elevation	of C.P.R. locomotive no. 767, one	
01 12 ((UIDOUNG consolidations which	
Me., &	Newport, Vt., by the Richmond Lo- & Machine Works, of Richmond,	
comotive	& Machine Works of District	
Va. Fol	lowing are the general dimensions:	
Fuel	4 ft. 8} ins.	
Weight on	drivers 122,500 lbs	
In v Wheel base	orking order	
" Base	Total eng. & tender	
Total lengtl	4 ft. 8½ ins. Coal drivers 123.500 lbs. orking order 150.500 lbs. Driving 14 ft. 10½ ins. Total eng & tender 49 ft. 6½ ins. of engine & tender 60 ft. 9 ins	
	CYLINDERS.	
Diameter.	22 ins. h.n. & 22 in	
Piston strol	e 26 ins.	
" rod d	am A extended	
Steam ports	H.D. 14 x 20 ins ln 2 28 x 25 ins	
Exhaust por	ts H.p. 3 x 20 ins., l.p. 3 x 22 ins.	
or lage widt	CYLINDERS. 22 ins. h.p. & 35 l.p. 26 ins. ng.	
24. 1. L.1.	SLIDE VALVE.	
Greatest ten	e	
ap-outsid	H.p. 5½ ins., l.p. 6 ins.	
" Inside		
sead in full	gear	

WHRELS.

centres, material

axle journal..... ... axle journai... 64 x 0 ms.
Crank-pin—main, steel. ... 64 x 0 ms.
side rods, steel. ... 74 x 4 3-16 ins., 5 x 4 1-8 ins.
& 44 x 3 ins.

Driving

Eng. truck—style	
BOILER,	
Type "Belpaire" Sloping back, wide fire-box	
Working processes. Stoping back, wide fire-box	
Working pressure	
Outside diam, 1st course	
roof & sides 5-8	
Seams—circumferential Double riveted	
Fire-box—length sextuple riveted	
depth	
material Front 64 ins., back 57 ins.	
material Sides 5-16 in., back 3-8 in.	
plates	
water space Front 4 ins., side 2 ins. back	

Crown stays	
number 255, diam, 2, thickness 11 b. w.g. Heating Surface tubes 1,845 sq. ft.	
Heating Surface tubes	
6rahay 1,845 sq. ft.	
fire-box 151 sq. ft. 152 sq. ft. 153 sq. f	
Grate-style (01a1 1,996 sq. ft.	
Grate—style	
top above rail	
TENDER.	
Weight, empty	
Wheel base	
Tank capacity—water	
coal 8 tons	

Stream Diversion by G.T.R.-In the Trial Court at Toronto, June 11, Judge Street gave judgment in Town of Peterboro' vs. G.T.R., which was tried without a jury at Peterboro'. The action was for a declaration that the defendant is liable to rebuild or repair a certain bridge in the town upon Smith st., where a small stream (as diverted by the Midland Ry. Co., to whose liabilities the defendant has succeeded) crosses the street, & for a mandamus to compel the defendant to rebuild it & to make good & restore the highway to its former state. Held, that the G.T.R. Co. had acted within its rights in diverting the stream, & if the municipality had sustained damage by reason of the exercise of those rights, they must proceed under the Railway Act to obtain compensation. Should the defendant refuse to proceed the plaintiff would have a remedy by mandamus upon motion. Such a mandamus should not be granted in the present action, a motion being the proper course. Action dismissed with costs.

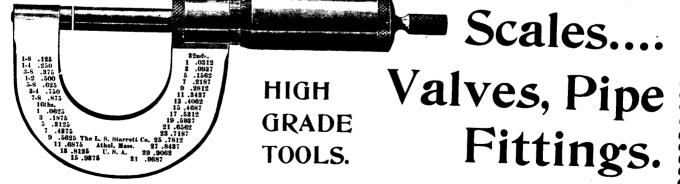
The Newfoundland Railway, Etc.

correspondent writes from St. John's, Nfld., under date of June 14: One of the most comprehensive & audacious projects of present-day finance is that just launched by R. G. Reid, of Newfoundland, for the exploitation of this ancient colony. It involves the transfer of his varied holdings to a limited liability company, capitalized at \$25,000,000, & the development of his millions of acres of arable, mineral & forest lands, as well as the operation of his railways, steamers & kindred enterprises. At this juncture, when the sentiment in favor of the fusion of the several scattered groups of British colonies is being accentuated by the lessons of loyalty taught by the war, & concreted by the Australian Federation Bill, & when the movement for the inclusion of Newfoundland in the Dominion is again agitating the politicians & people of the two countries, it should be of more than passing interest to the Canadian public to become familiarized with the details of this Napoleonic undertaking.

The properties, franchises & concessions which Mr. Reid is enabled to put on the money market as the basis of his far-reaching schemes for development are as follows: The Island railway, 633 miles of main & branch lines, built by the colony at a cost of about \$11,000,000, & sold to Mr. Reid 3 years ago for \$1,000,000 in cash. About 6,000,000 acres of land throughout the island, granted to Mr. Reid as an equivalent for his operation of the road for 50 years. The monopoly of mail carriage by steamers on the great bays of the island for 30 years at \$135,000 a year, to fill which contract Mr. Reid has just completed a fleet of 8 steamers at a cost of another \$1,000, ooo. The dry dock at St. John's, built by the colony at a cost of \$560,000 & sold to Mr. Reid at \$325,000, to be used as a deep-water terminal for the railway system, in addition to its legitimate purpose as a convenience for repairing damaged ships. The Government system of telegraphs, constructed by the colony at a cost of \$280,000, & sold to Mr. Reid for \$125,000, he using them as accessories to the efficient operation of the railway & steamer services. The St. John's Street Ry., with franchises to supply light & power, the combined plant, with its possibilities, being estimated now to be worth fully \$1,000,000.

Mr. Reid, who, as a railway contractor, is well known throughout Canada as having built some of the heaviest sections of the west-

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