



NOTES:  
DESIGN IN ACCORDANCE TO CAN/CSA-S6-14

DESIGN ILLUSTRATED IS INDICATIVE OF THE TYPE OF STRUCTURE DESIRED. SUPPLIER TO PROPOSE ALTERNATIVE DESIGNS CONSISTENT WITH DIMENSIONS INDICATED.

A) UNIFORM LOAD:  
• SUPERIMPOSED DEAD LOAD = 0.25 kPa  
• LIVE LOAD = 4.5 kPa  
• ATV LOAD = 6.5 kN / VEHICLE MINIMUM  
• LATERAL WIND = 2.3 kPa  
• UPLIFT WIND = 1.15 kPa  
• NO FLOODING / ICE LOADING ACCOUNTED FOR

B) LOAD ON RAILING: 1.2 kN/m HORIZONTAL AND/OR VERTICAL

STRUCTURAL STEEL: CONFORMS TO ASTM A847 (ATMOSPHERIC CORROSION RESISTANT)

WELDING OF STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF CSA STANDARD W59-13 AND SHALL BE UNDERTAKEN BY A FABRICATOR FULLY APPROVED BY THE CANADIAN WELDING BUREAU TO THE REQUIREMENTS OF CSA STANDARD W47.1-09 (2014) DIVISION 2

ALL EXPOSED TUBE ENDS TO BE CAPPED

DECKING TO BE 38X191 SPF No 2 OR BETTER PT CHESTNUT BROWN

LENGTH OF BRIDGE		5000 (OVERALL LENGTH OF BRIDGE)
WIDTH OF BRIDGE		1500 (CLEAR INSIDE)
BRIDGE SERIAL NUMBER		
BRIDGE WEIGHT		
MATERIAL LIST		
A		
B		
C		
D		
E		
F		
G		
H		
I		
J		
K		
L		
M		
N		
O		
P		
Q		
R		
S		
T		
PROJECT No:		SCALE: AS SHOWN
DRAWN BY:		DESIGNED BY:
CHECKED BY:		CHECKED BY:
		DATE:
PAGE 1 of 2		
R1		

No.	ISSUE/REVISION	DATE
1		

Bala Sports Park Bridge

DETAIL #  
SHEET #

Township of Muskoka Lakes  
1 Bailey St.  
Port Carling, ON P0B 1J0

CLIENT: DRAWING TITLE: