2010 SCIENCE OLYMPIAD DIV. B
ELEVATED BRIDGE BUILDING

THE MAXIMUM LOAD CARRIED AND SCORED WILL BE 15 KILOGRAMS.

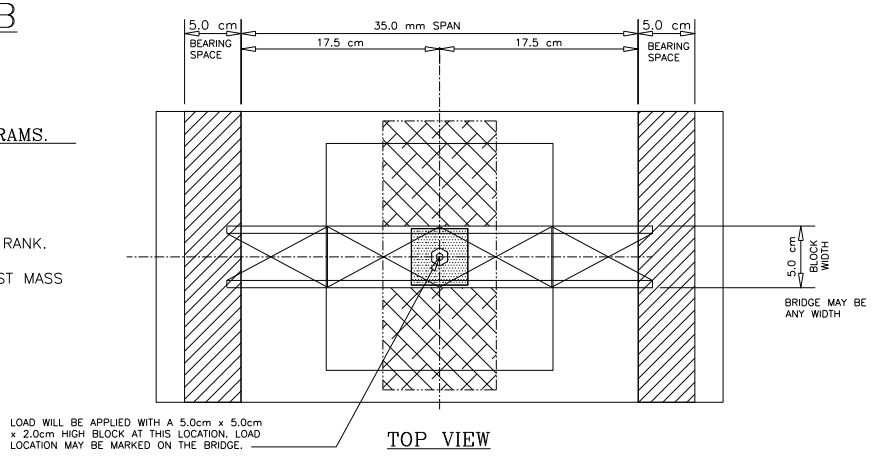
BRIDGES ARE SCORED BY SIMPLE EFFICIENCY AND RANKED AS FOLLOWS:

1. BRIDGES WHICH MEET ALL SPECIFICATIONS ARE IN THE FIRST RANK.
2. BRIDGES WHICH DO NOT MEET THE SPECIFICATIONS ARE IN THE SECOND RANK.
3. BRIDGES WHICH CANNOT BE LOADED ARE IN THE THIRD RANK BY LIGHTEST MASS

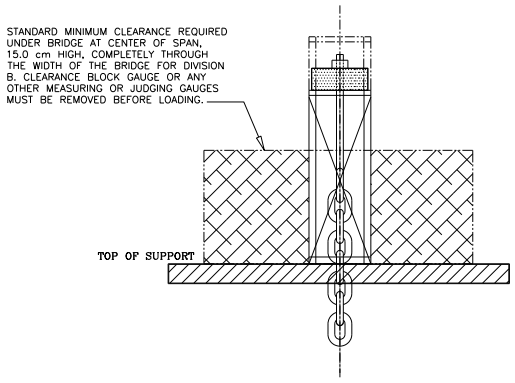
EFFICIENCY = LOAD CARRIED(grams)/MASS OF BRIDGE(grams)

TIE BREAKERS:

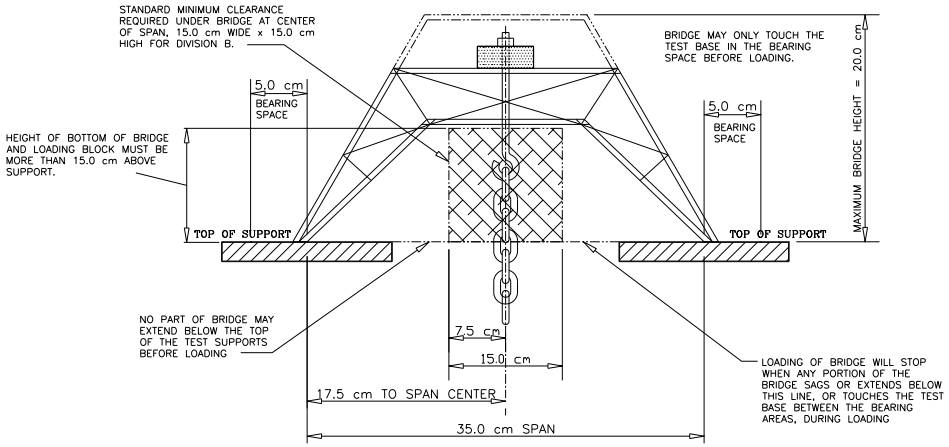
1. FIRST TIE BREAKER: BRIDGE WITH LOWER MASS WINS TIE
2. SECOND TIE BREAKER: BRIDGE WITH LOWER OVERALL HEIGHT WINS TIE



TOP VIEW



END VIEW



SIDE VIEW

Robert Monetza
2010 Science Olympiad

2010 SCIENCE OLYMPIAD DIV. C
ELEVATED BRIDGE BUILDING

THE MAXIMUM LOAD CARRIED AND SCORED WILL BE 15 KILOGRAMS.

BRIDGES ARE SCORED BY SIMPLE EFFICIENCY AND RANKED AS FOLLOWS:

1. BRIDGES WHICH MEET ALL SPECIFICATIONS ARE IN THE FIRST RANK.
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EFFICIENCY = LOAD CARRIED(grams)/MASS OF BRIDGE(grams)

TIE BREAKERS:

1. FIRST TIE BREAKER: BRIDGE WITH LOWER MASS WINS TIE
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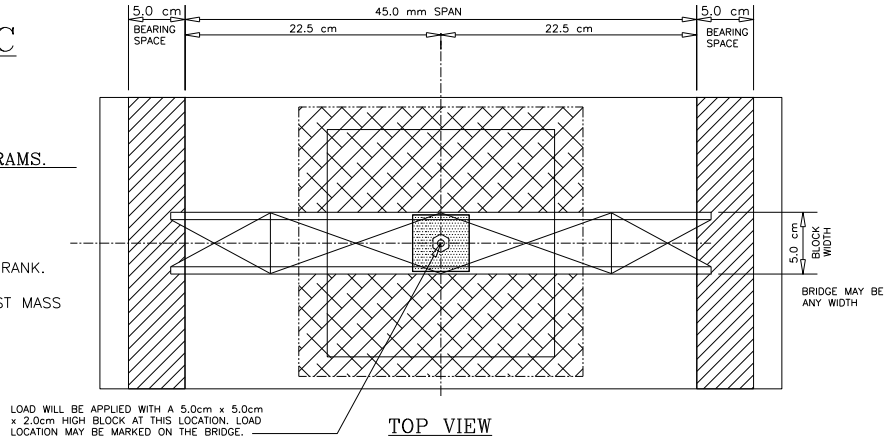
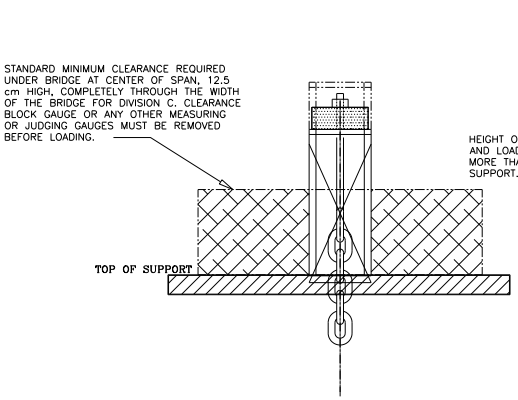
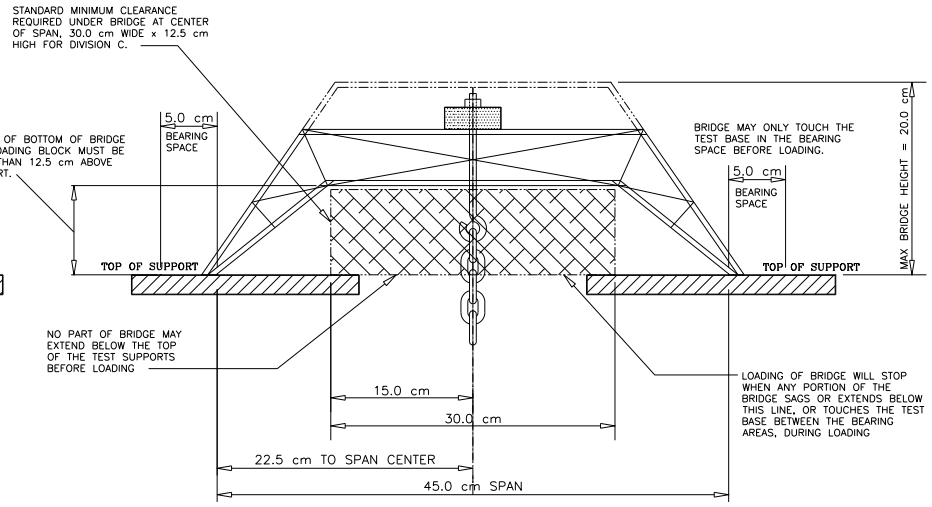


TOP VIEW



END VIEW



SIDE VIEW

Robert Monetza
2010 Science Olympiad