



This is a 4.000 X 4.000 Standard Metal Electrical Box bought at any home improvement store

This is the first of the drawing to be sent out please wait a bit longer for me to break up the board in to better drawing that are easier to read and less cluttered. This will serve for you to preparing for the competition expect to receive each part in an individual part drawing files with instruction on how to build the board as soon as possible. Good luck and feel free to contact us with any question about the board construction!

Station B is positioned based off the hinge location 3.000 from the nearest 2X4 and 40.750 from the outer wall dimensions were left below for reference as to their location incase of any confusion

This is a stack of Normal 2X4 and Plywood from Bottom Up:
 2X4= 3.500
 Plywood= .688
 2X4= 3.500
 Plywood= .688

The hole is $\phi 1.000$ that the starting information will be sent through

This is a 3D printed part to attach to the rotary encoder

This door hinge is bought from a general store refer to its part drawing for specific information

These are screws to hold the spring in place they are centered to the hinge and 2.000 in from the 2X4 and .375 or 3/8 from the top of stage B

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS		FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
SURFACE FINISH:									
TOLERANCES:									
LINEAR:									
ANGULAR:									
DRAWN		NAME		SIGNATURE		DATE		TITLE:	
CHK'D								IEEE Playing Board	
APPV'D								CD	
MFG								DWG NO.	
Q.A								IEEE Playing Board CD	
				MATERIAL:				SCALE:1:50	
								SHEET 1 OF 1	
				WEIGHT:					