



Name: _____

Chapter: _____

Contestant #: _____

ND FFA – Intermediate Agricultural Technology & Mechanical Systems Carpentry (Plywood Layout) Practicum Rubric

	Needs improvement (0-3 Pts)	Average (4-6 Pts)	Good (7-8 Pts)	Excellent (9-10 Pts)	# of Pts.	Comments
Scale: Scale is defined, and all parts of the layout are drawn to scale.	Few or no pieces drawn to scale. Scale is missing or not defined.	Half or less of the pieces are drawn to scale, or scale not consistent or not listed.	Majority of the layout is drawn to scale, and scale is defined.	All pieces are drawn to scale, and scale is defined and accurate.		
Pieces and Neatness All required pieces drawn and labeled, no extras. Drawings and labels are neat, straight, and easy to read.	Few or no pieces drawn, or labels are missing, or pieces are incorrect. Most labels are difficult to read, drawings sloppy.	Half or less of pieces drawn or labeled. Majority of drawings and labels readable, but not neat.	Majority of pieces are drawn and labeled correctly. Majority of layout neat and easy to read.	All pieces are drawn and labeled correctly, no extras present. Drawings and labels are neat, straight, and easy to read.		
Dimensions & Math: Dimensions for all piece's present, neat, and accurate. Math is correct throughout the drawing.	Few or no dimensions present or are incorrect or unreadable. Little or no math shown, or math is utilized incorrectly.	Half or less of dimensions are present, those are correct. Majority of math is incorrectly done or incorrect idea.	Majority of dimensions are present, neat, accurate. Majority of math is accurate, and concept is sound.	All dimensions are present, neat, and accurate. Math is correct in concept and utilization.		
Strength: Pieces are drawn in the direction of most strength.	Little or no attention given to direction of strength.	Half or less of the pieces are shown in direction of greatest strength.	Majority of pieces are in direction of greatest strength.	All pieces are in the direction of greatest strength.		
Best Use and Scrap: Material is used efficiently, with minimal waste.	Little or no attention given to best use of materials, scrap missing or poorly used.	Majority of materials show evidence of waste, improperly used or labeled, or missing.	Majority of materials show evidence of good use, scrap use lacks efficiency.	Materials are used in the best way to minimize waste, scrap minimized, collected into large pieces, labeled.		

Total Points: _____/50