[H] WELDING PROJECT

3 TOOL TRAY

THE TOOL TRAY CAN BE CHANGED IN SIZE TO SUIT AN INDIVIDUAL'S REQUIREMENTS. THIS WILL CHANGE THE MATERIAL LIST, COST, AND PARTS OF THE PROCEDURE

MAT. COST	LTH. OR SQ. UNITS	UNIT COST	TOTAL
	PAINT		
		TOTAL	
		P. TX.	
		F. TX.	
		TOTAL	

MATERIAL LIST

BASE: 1 PIECE. 20 GA. M.S. 400 MM. X 267 MM. [15 3/4" X 10 1/2"]

ENDS: 2 PCS. 20 GA. M.S. 174 MM. X 79 MM. [6 7/8" X 3 1/8"]

NOTE: END MEASUREMENTS ARE FOR AN EXACT FIT TO THE BASE. REALISTICALLY THE BASE SHOULD BE FORMED AND THE MEASUREMENTS OF THE ENDS ADJUSTED FOR EACH INDIVIDUAL END.

HANDLE: 1 PC. 20 GA. M.S. 400 MM. X 50 MM. [15 3/4" X 2"]

PROCESS

BASE: CUT MATERIAL TO SIZE. FOLD 180° FIRST, 90° LAST.

ENDS: CUT 2 PCS. REQUIRED. MARK INDICATED LINES WITH METAL SCRIBE. SHEAR, NOTCH, AND FOLD AT INDICATED LINES. FIT ENDS IN PLACE AND TACK WELD.

HANDLE: CUT REQUIRED PC. MARK AND FOLD AT INDICATED LOCATIONS. WELD THE COMPLETE JOINT. FLATTEN THE ENDS OF THE HANDLE SLIGHTLY TO ALLOW FOR A SMOOTHER JOINT AT THE TOP ENDS OF THE TRAY. FIT THE HANDLE IN PLACE AND WELD.

* * NOTE * *

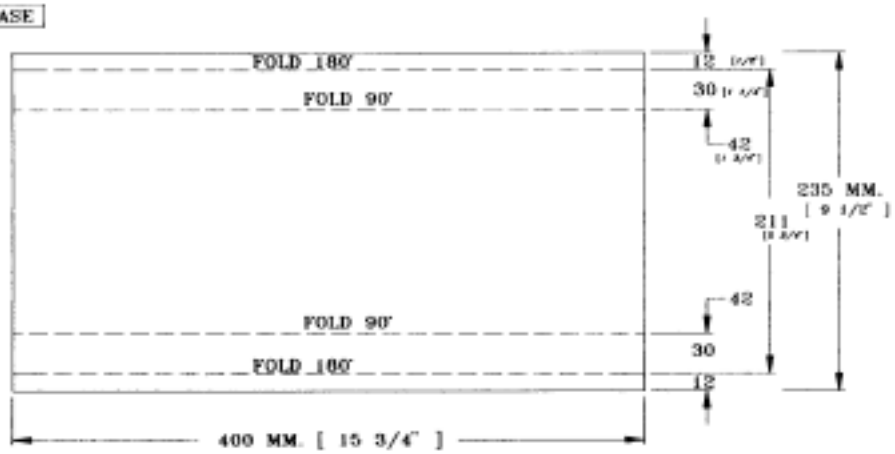
WELD QUALITY IS BASED ON THE SMOOTHNESS, SIZE, AND BLEND OF THE WELD ON THE WELDED JOINT.

THE APPEARANCE OF THE UNIT IS BASED ON ITS VERTICAL AND AESTHETIC OR CREATIVE QUALITIES.

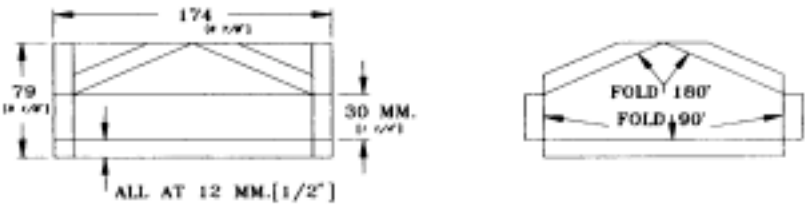
THE FINISH IS BASED ON THE REQUIRED FILING AND BUFFING.

THIS PROJECT CAN BE ADEQUATELY WELDED USING A COMBINATION OF SHORT WELDS AND TACK WELDS. THESE WOLUILD LIKELY BE BETTER THAN FULL WELDS BECAUSE LESS CHANCE OF DISTORTION OR WARPING IS LIKELY TO OCCUR.

BASE



ENDS [2 REQUIRED]



* OPTION * CONSTRUCT THE ENDS TO FIT OUTSIDE THE BASE. TACK WELDING WILL BE EASIER BUT WILL RESULT IN A DIFFERENT OUTSIDE APPEARANCE AND FINISH.

EVALUATION	PROJ. SHT: / 10	WELD QUAL.: / 50	APPEARANCE: / 30	FINISH: / 10	MK:
NAME:	START DATE:	COMPLETION DATE:	HOURS:		