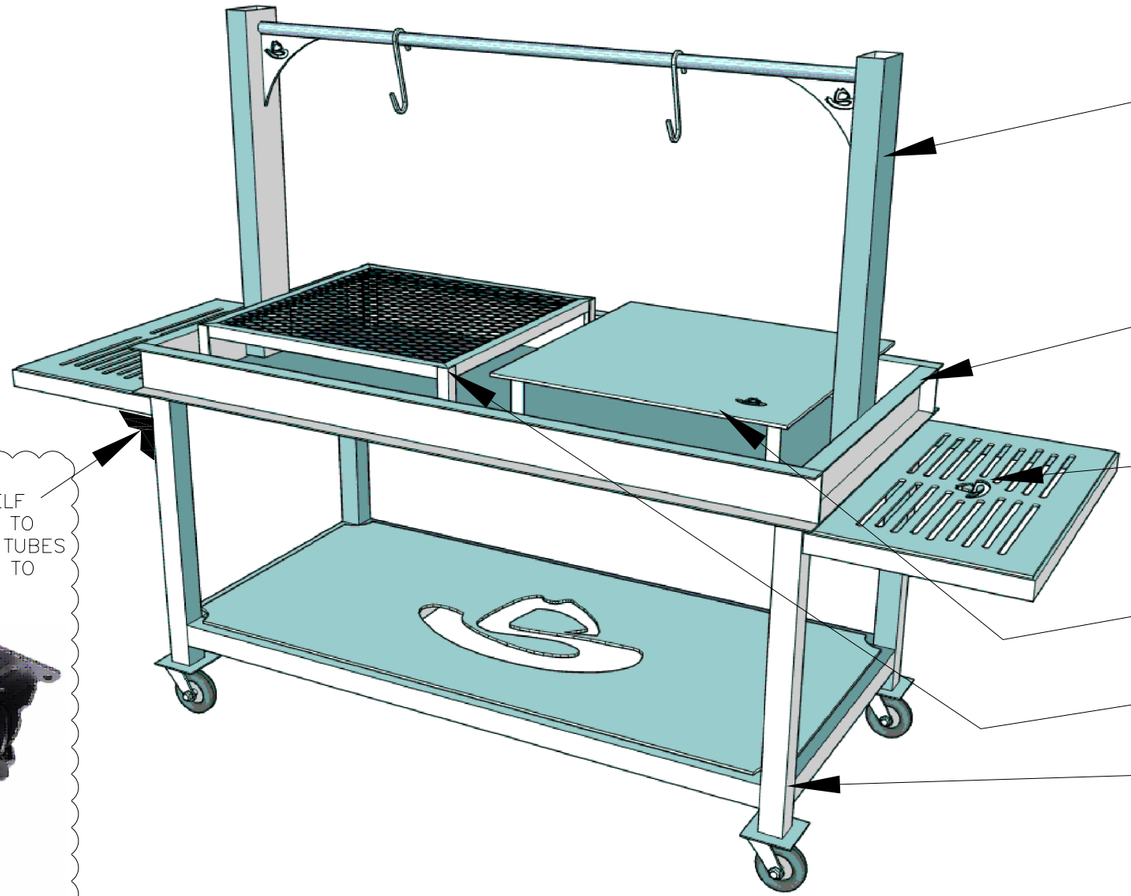


2 REQ'D
FOLDING SHELF
WELD HINGES TO
UNDER SIDE OF TUBES
AS REQUIRED TO
OPERATE

WELD HINGE TO
POST LEG
AND UNDERSIDE OF
SHELVE TUBE SUPPORT

30 Live Fire Tables in total
requires

UPRIGHT MATERIALS
T1 – 2 PCS RECT TUBE 4" X 2" X 11GA X 2'–6"
P8 – 2 PCS PLATE CAPS PLATE 3/16" X 4" X 2"
P6 – 1 PC RIGHT GUSSET PLATE 3/16" X 6" X 6" W/ LOGO
P5 – 1 PC LEFT GUSSET PLATE 3/16" X 6" X 6" W/ LOGO
PP1 – 1 PC HORZ PIPE 3/4" SCH–SO (1"OD) X 4'–5
FB1 – 2 PCS SQ–BAR HOOKS 1/4" X 18" (FORM AS REQUIRED)

FIRE BOX AREA
C1 – 2 PCS LONG CHANNELS 2 PCS – C4 X 5.4 X 4'–10 1/2"
C2 – 2 PCS SHORT CHANNELS 2 PCS – C4 X 5.4 X **2'-3"**
P2 – 1 PC BOTTOM FIRE PLATE 3/16 X 28" X 4'–10"
P11 – 2 PCS FIRE PLATE BRACING PLATE 3/16" X 2" X 2'–8 1/2"
P9 – 4 PCS FIRE PLATE BRACING PLATE 3/16" X 2" X 1'–4"
P10 – 1 PC FIRE PLATE BRACING PLATE 3/16" X 2" X 1'–6"

SHELVING
P4 – 2 PCS SHELVING PLATE 3/16" X 15 1/2" X 2'–3" WITH LOGO
** T2 – 4 PCS SHELVING SQ–TUBE 1 1/2" X 11GA X 2'–3 1/2"
** T3 – 4 PCS SHELVING SQ–TUBE 1 1/2" X 11GA X 1'–4"

HOT PLATE GRILL
P3 – 1 PC PLATE 3/16" X 24" X 24"
PP2 – 4 PCS PIPE 3/4" SCH–40 X 6"

EXPANDED METAL GRILL
FXM1 – 1 PC GRATE FXM 3/4" – #9 X **23 3/4" x 23 3/4"**
** L1 – 4 PCS ANGLES 1 X 1 X 1/8" X 2'–0
L2 – 4 PCS ANGLE 1 X 1 X 1/8" X 6"

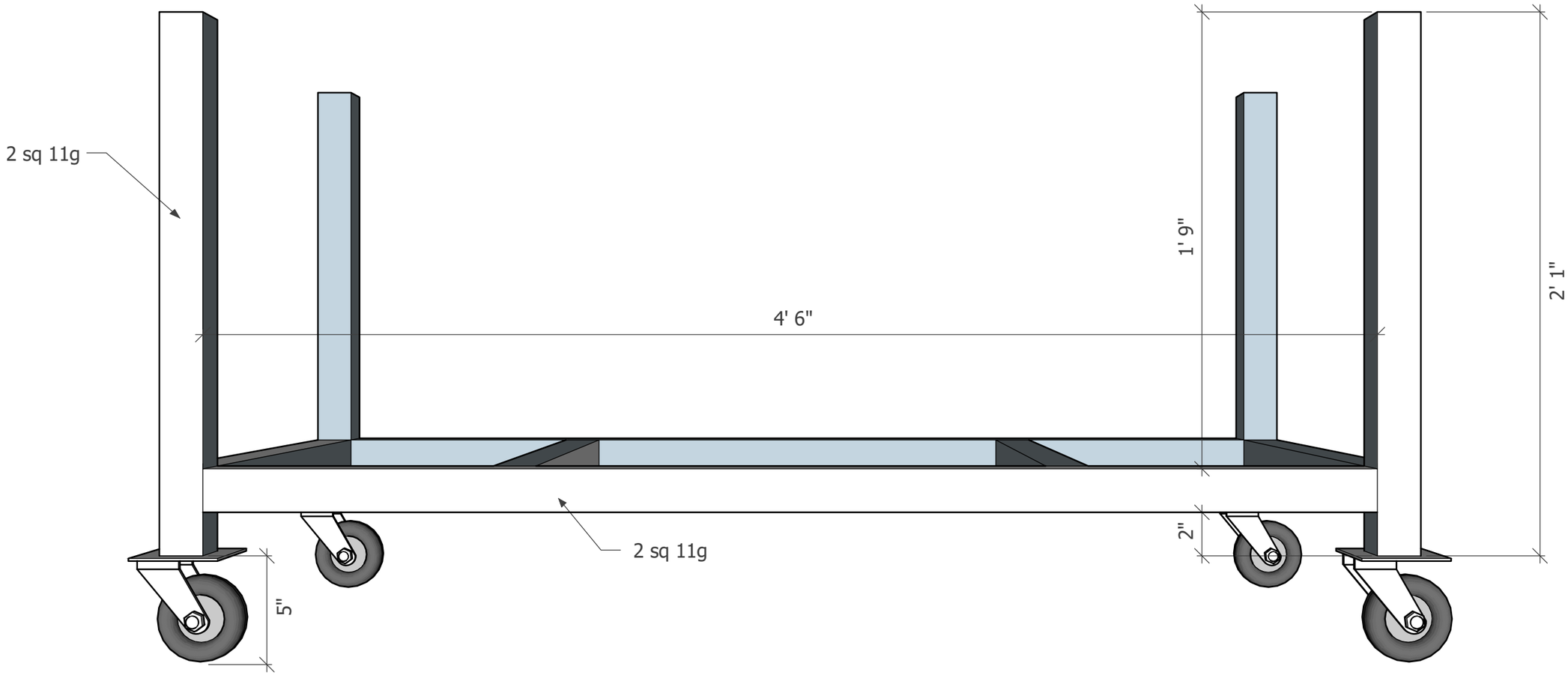
LOWER FRAME BODY AREA
TYP–TUBE STEEL 2" X 2" X 11GA
T4 – 4 PCS TUBE 2 X 2 X 11 GA X 2'–1"
T5 – 2 PCS TUBE 2 X 2 X 11 GA X 4'–6"
T6 – 4 PCS TUBE 2 X 2 X 11 GA X 2'–0"

P1 – 1 PC PLATE 3/16" X 26" X 4'–8" W/ LOGO
CS1 – 4 PC PLATE 3/16" X 2 5/8" X 3 3/4"
BN1 – 16 PCS Caster Bolts 5/16 dia. x 1"
with hex nut and washers flat and lock.

2 - SHELVING HINGES
4 - Casters 5"

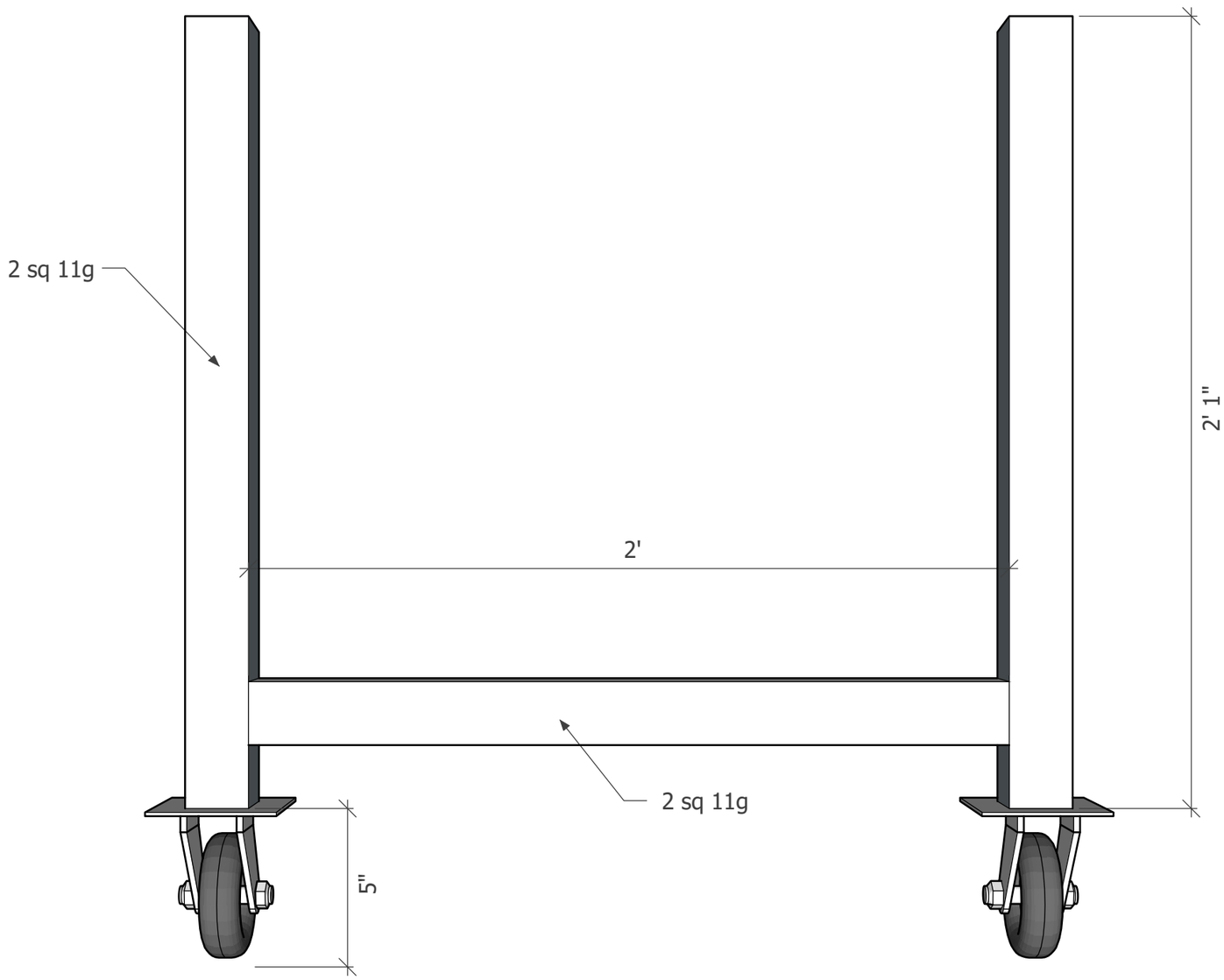
Cover Sheet	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	01

** Items that will require miters



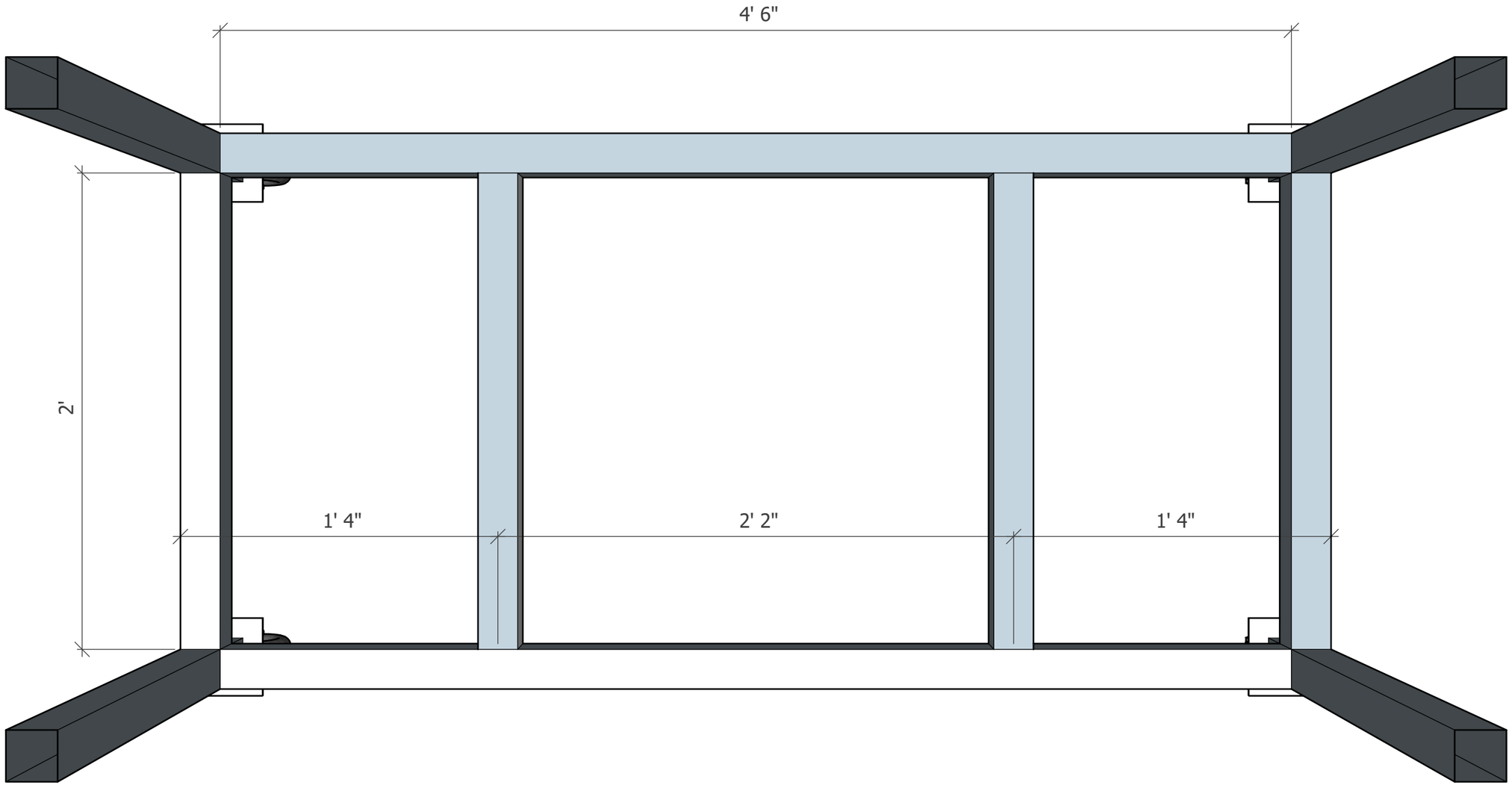
WELDING REQUIREMENTS
WELD ALL JOINTS WITH 1/8" FILLET WELDS

Side View Lower	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	02



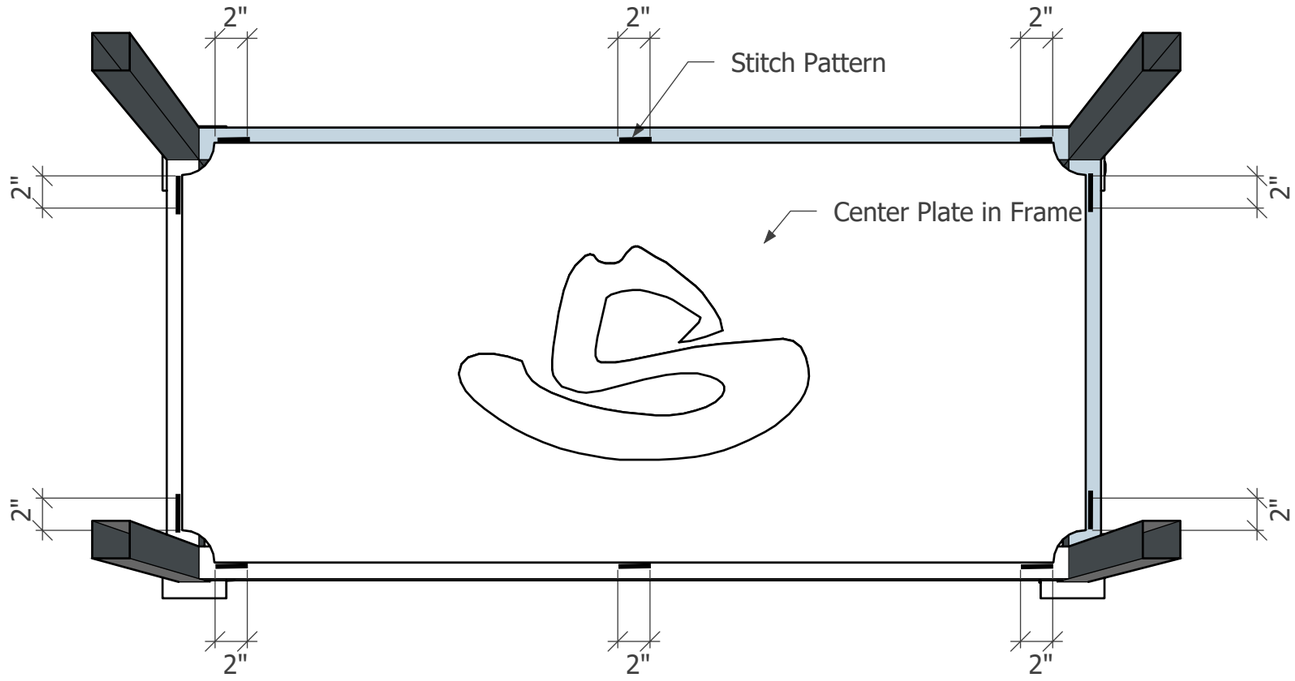
WELDING REQUIREMENTS
WELD ALL JOINTS WITH 1/8" FILLET WELDS

End View Lower	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	03



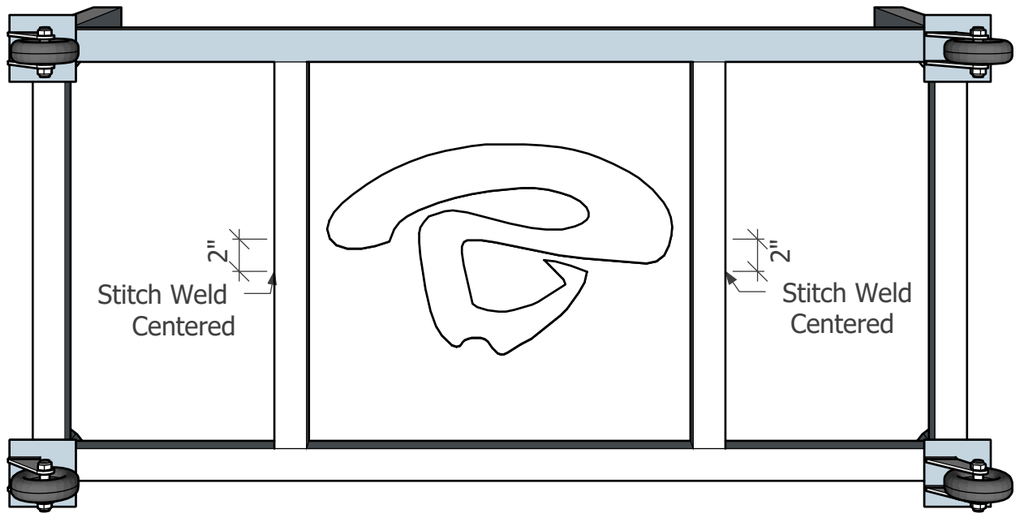
WELDING REQUIREMENTS
WELD ALL JOINTS WITH 1/8" FILLET WELDS

Top View Lower	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	04

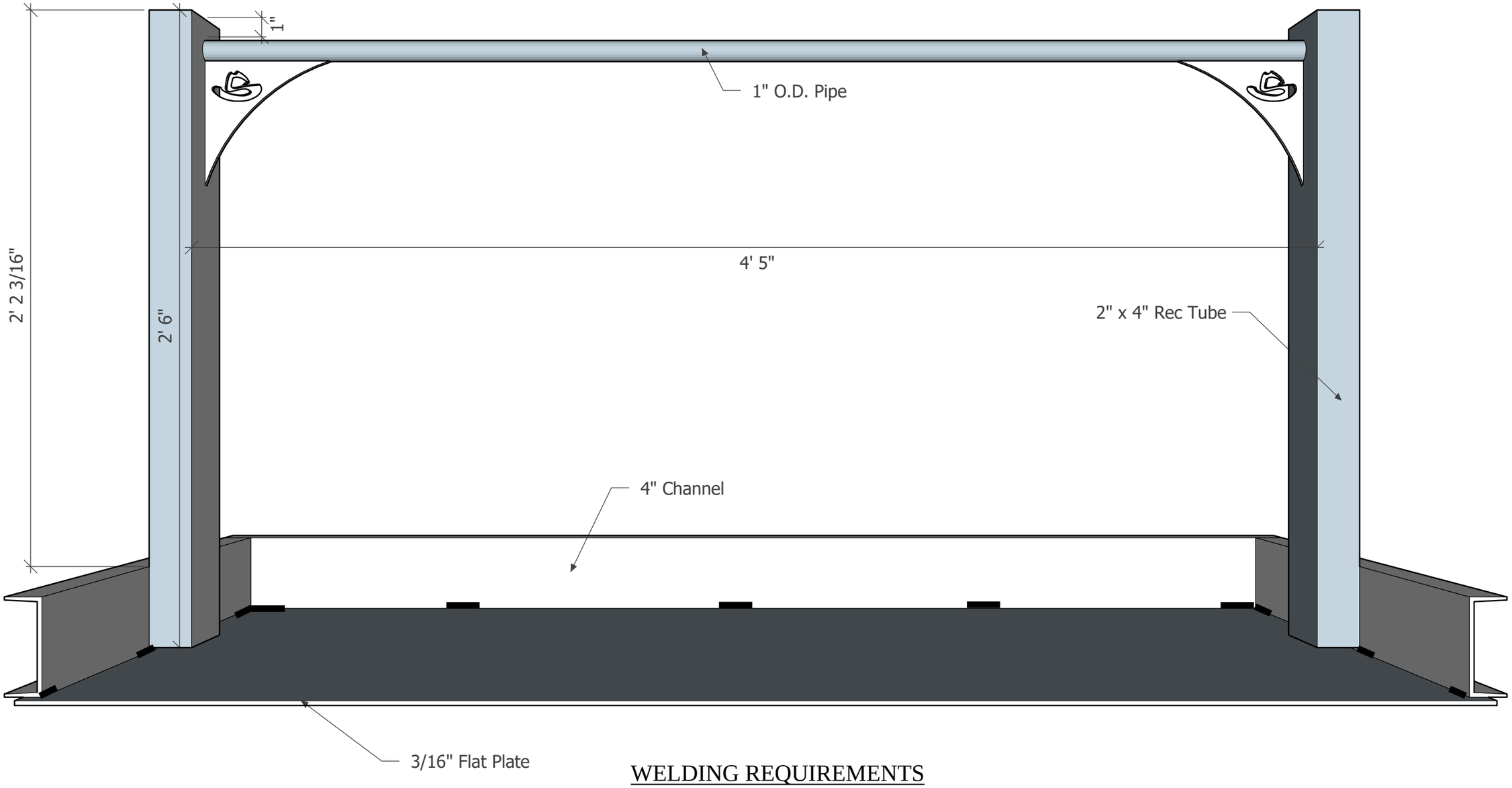


WELDING REQUIREMENTS

WELD ALL JOINTS AS SHOWN WITH 1/8" FILLET WELDS



Top View Lower w/Plate	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	05

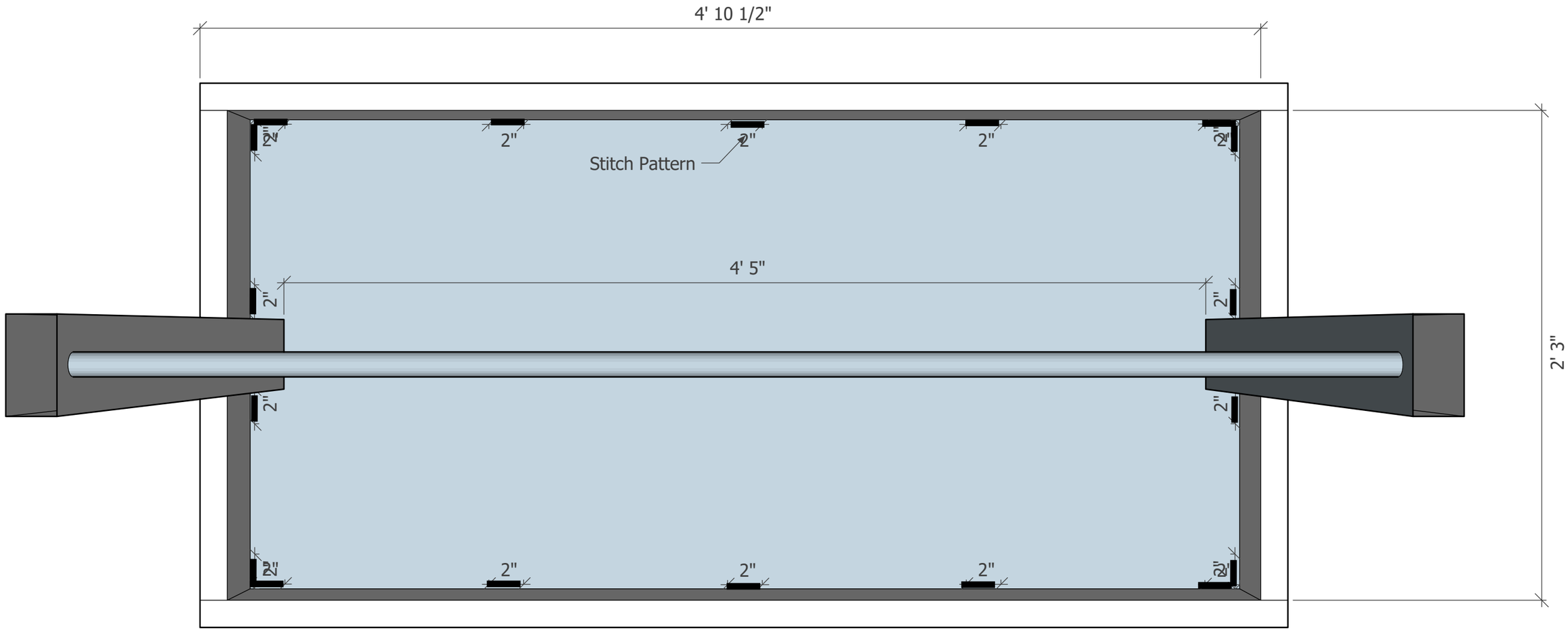


WELDING REQUIREMENTS

WELD ALL JOINTS AS SHOWN WITH 1/8" FILLET WELDS

CHANNELS TO FLAT PLATE SEE SHEET 07 (WELDS UNDERSIDE)

Side View Upper	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	06



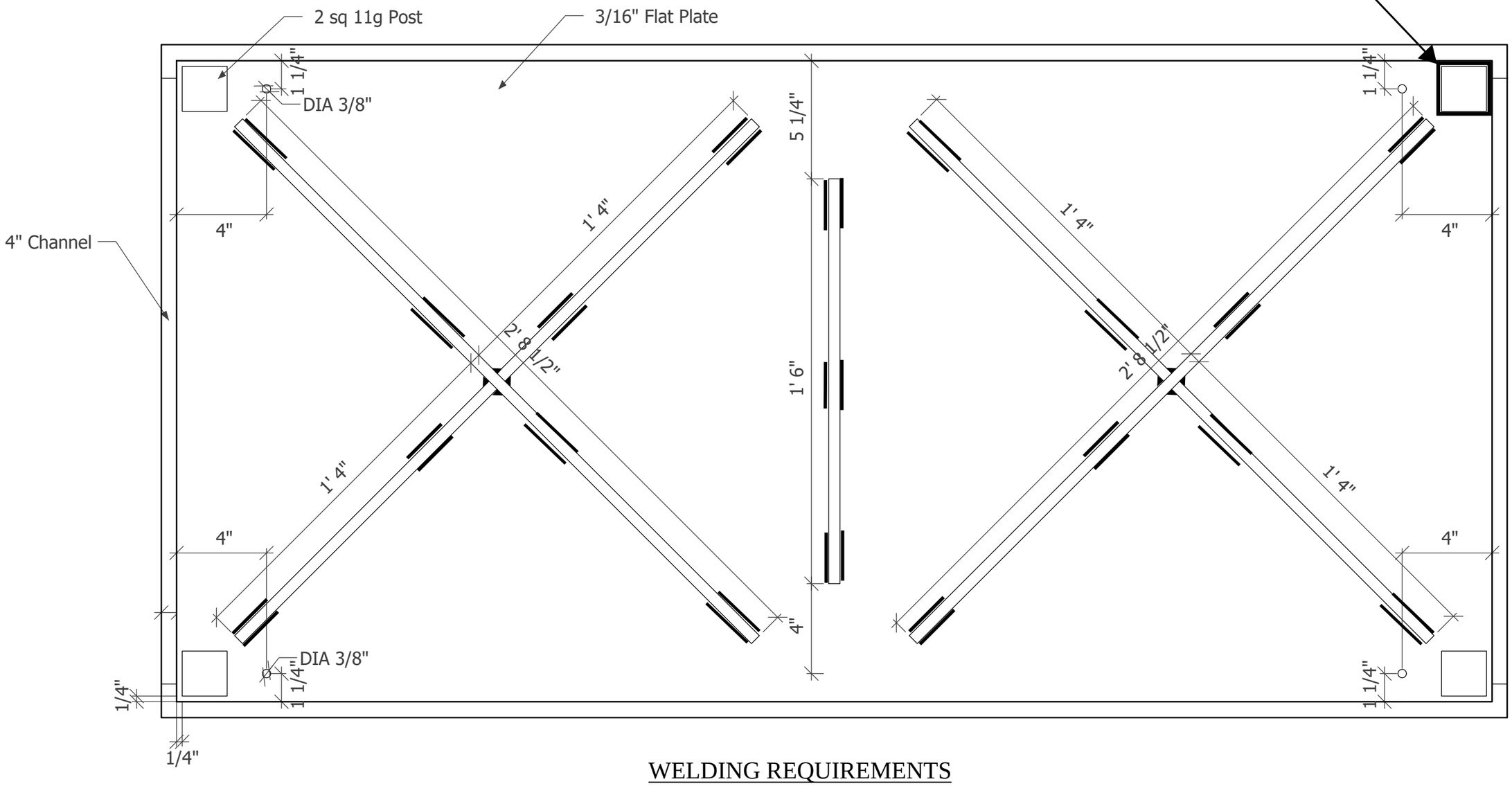
WELDING REQUIREMENTS

WELD ALL JOINTS AS SHOWN WITH 1/8" FILLET WELDS ON UP-RIGHTS TUBES AND PIPE

TYPICAL STITCH WELDS SHOWN = 2"Lg. PLATE TO CHANNEL

Top View Upper	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	07

TYPICAL LEG WELDS ALL 4 SIDE 3/16 FILLET.



WELDING REQUIREMENTS
WELD ALL JOINTS AS SHOWN WITH 1/8" FILLET WELDS
TYPICAL STITCH WELDS SHOWN = 2"Lg.

Underside Basin	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	08

WELD HINGE TO
POST LEG
AND UNDERSIDE OF
SHELVE TUBE SUPPORT

1/2"

5/16"

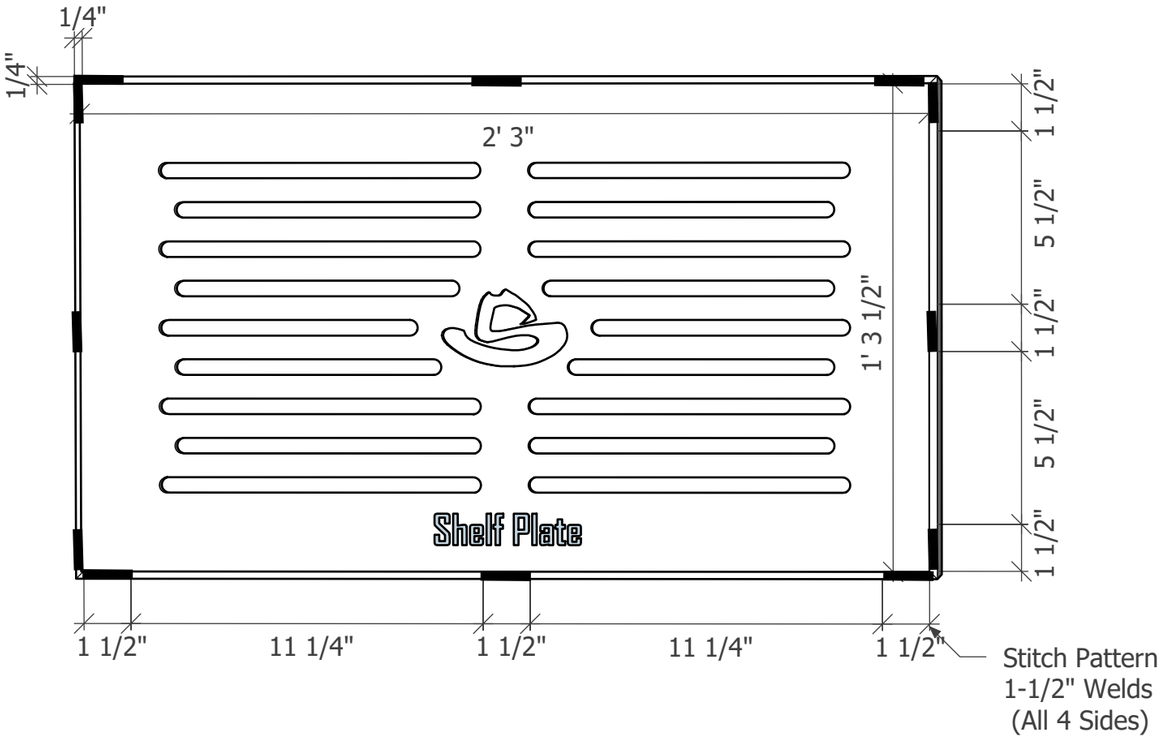
1/4

Shelf Plate

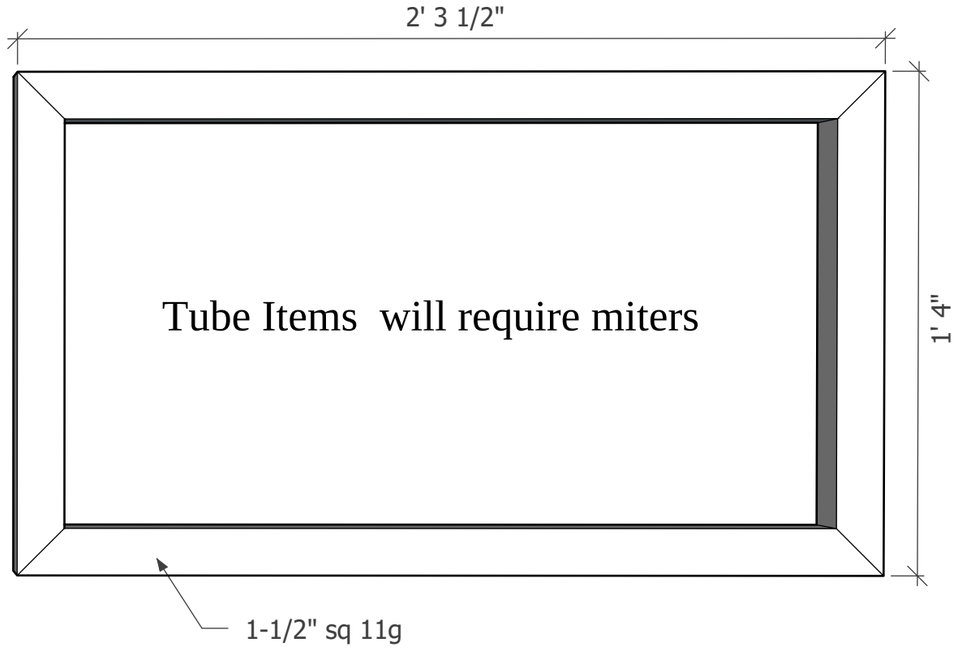
SHELF PLATE
SHELF TUBE SUPPORT

Shelf Bracket
(Mechanical)

End View Side Shelf Layout	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	09

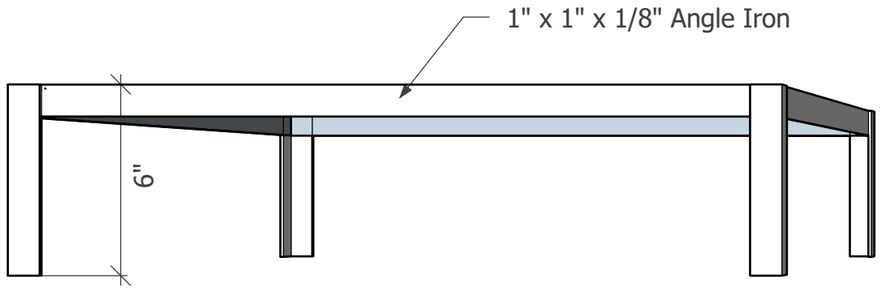


WELDING REQUIREMENTS
TYPICAL STITCH WELDS SHOWN = 1.5" Lg. PLATE TO ANGLE

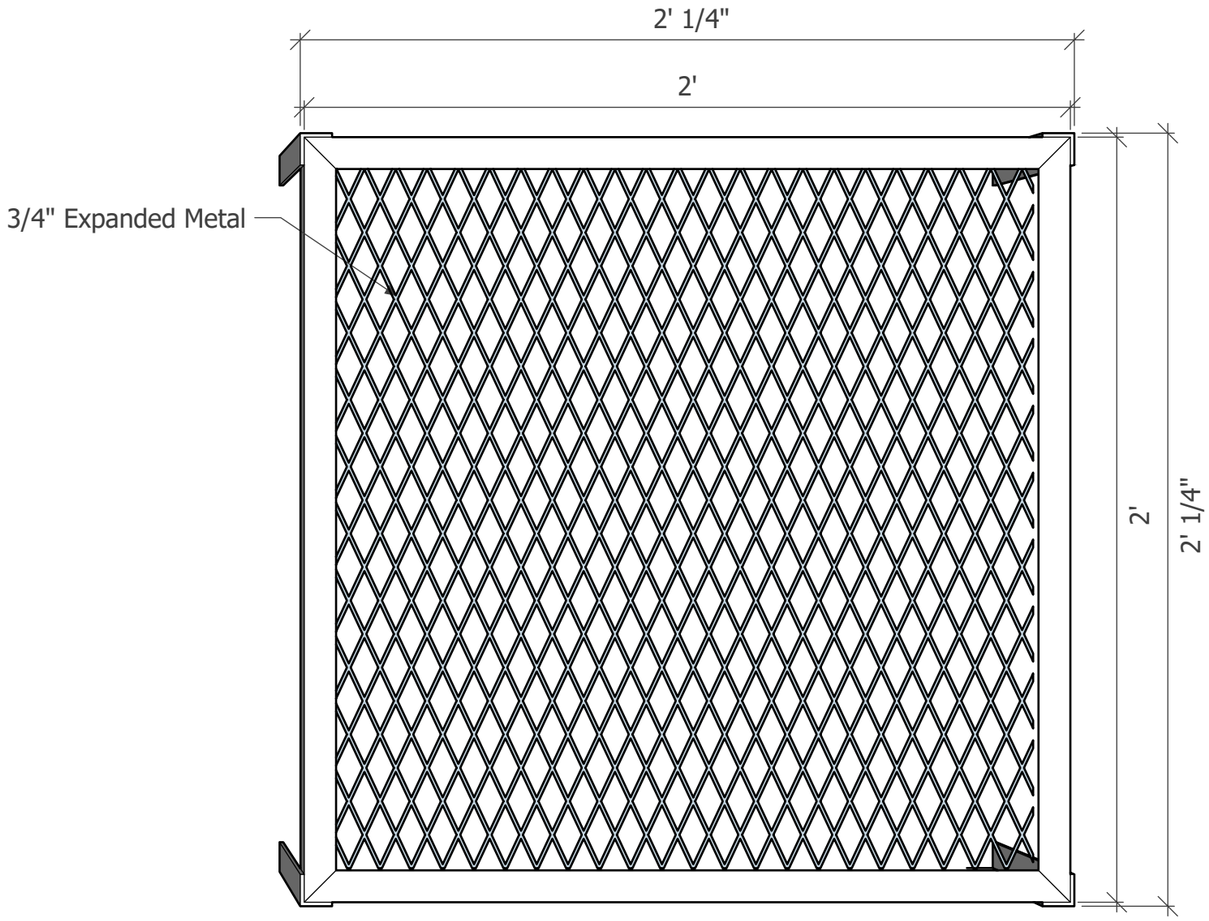


WELDING REQUIREMENTS
WELD ALL JOINTS WITH 1/8" FILLET WELDS

Side Shelf	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	10



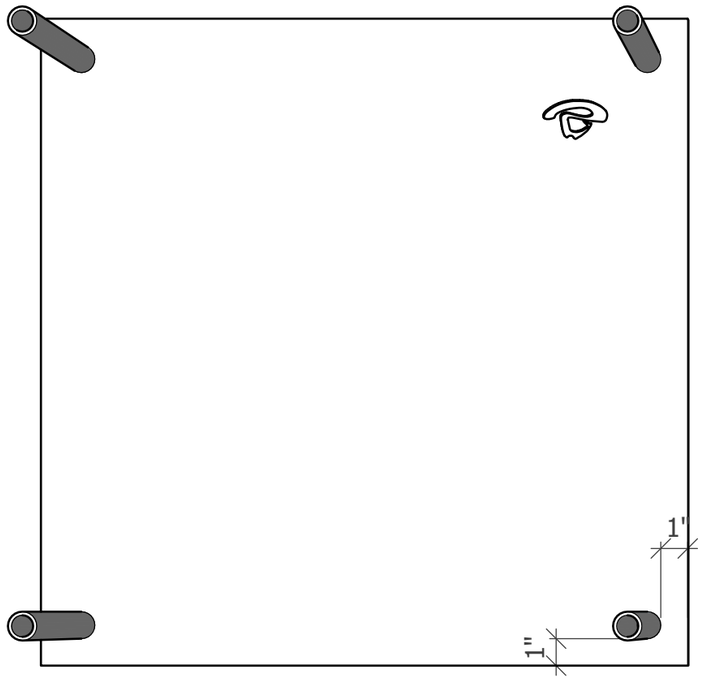
Angle Items will require miters



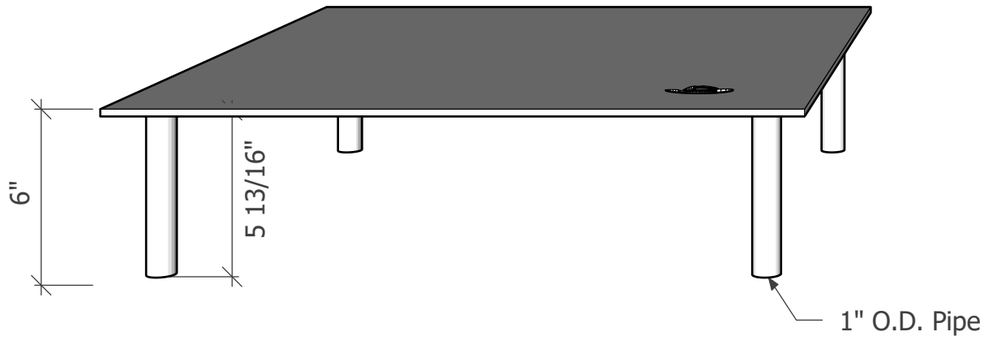
WELDING REQUIREMENTS
WELD ALL JOINTS WITH 1/8" FILLET WELDS
GRIND SMOOTH WELD JOINTS THAT ARE FLAT (SMOOTH FINISH)

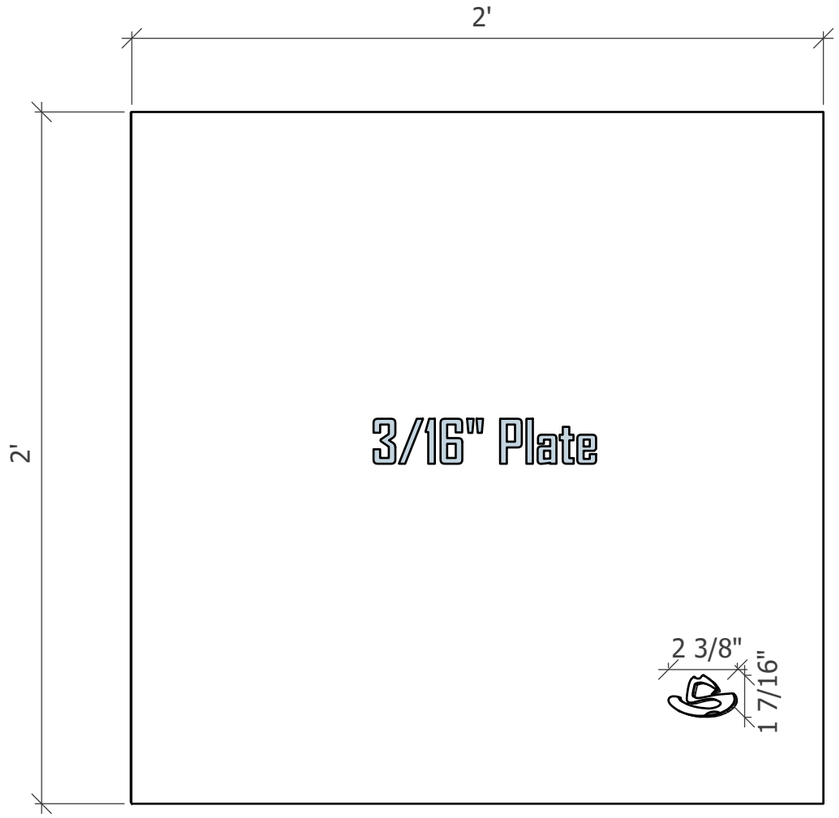
STAGGER WELD EXPANDED METALS TO ANGLE UNDERSIDE AS REQUIRED

Grill Grate	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	11

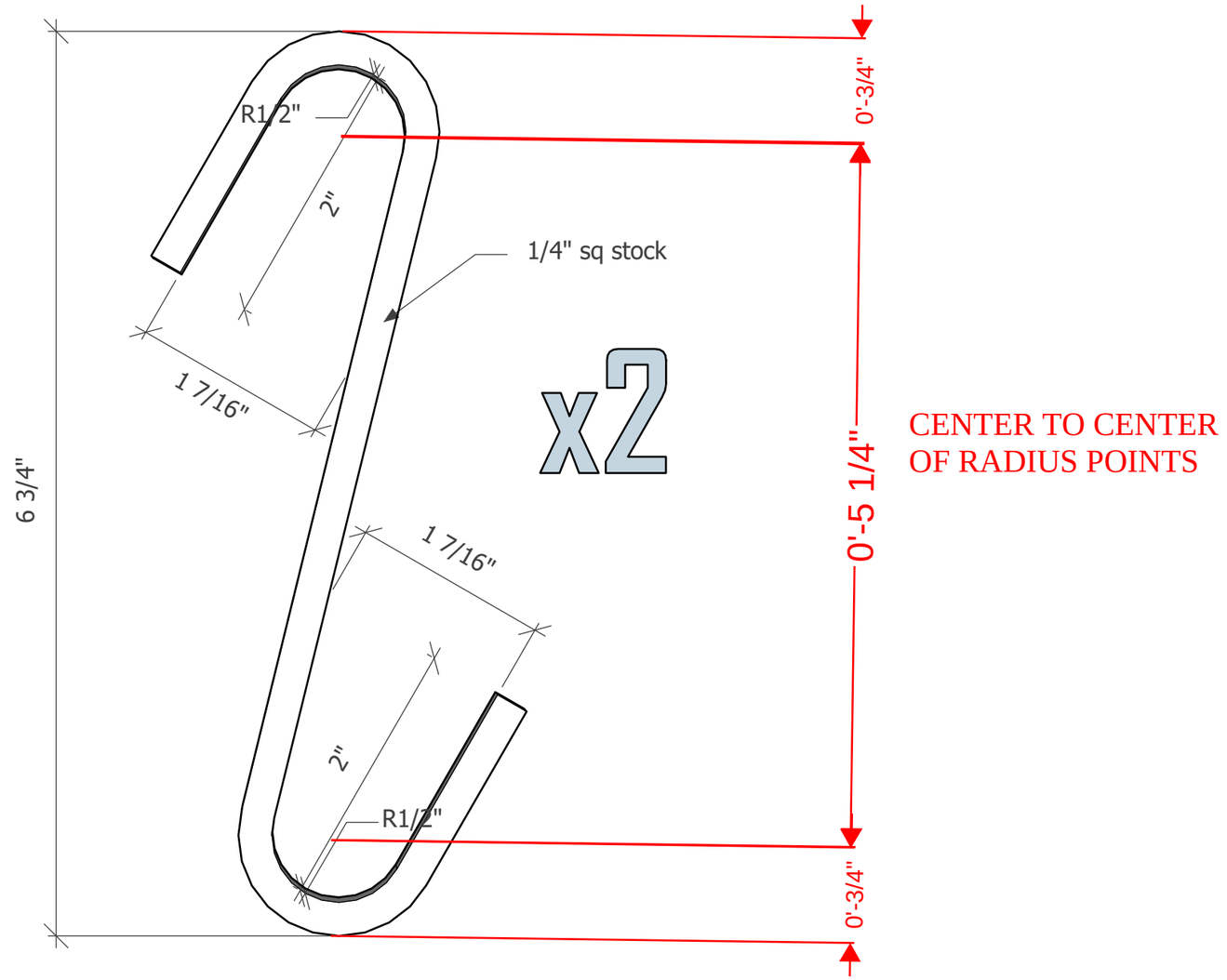


WELDING REQUIREMENTS
WELD ALL JOINTS WITH 1/8" FILLET WELDS





Plancha	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	12



Hooks	SALE Jr Ag Mech Build-Off Challenge 2026	-Live fire table with folding shelves. -Removable grill & plancha.	13