

No.	Description	Date

WELDING BOOTH GENERAL NOTES

- THERE MUST BE TWO SECTIONS OF EIGHT BOOTHS EACH.
- THERE MUST BE NO MORE THAN ONE NON-WELDED JOINT PER BOOTH OR NO MORE THAN EIGHT NON-WELDED JOINS PER SECTION OF EIGHT BOOTHS. THE ONLY EXCEPTION TO THIS IS THAT THE CURTAIN BAR MAY HAVE A BOLTED ATTACHMENT AT THE POINTS WHERE IT MEETS THE TOP OF EACH DIVIDER PANEL. ALL TABLETOPS AND SHELVES MUST BE WELDED TO THE PANELS. THE RECOMMENDED WAY TO ACHIEVE THIS WOULD BE TO FABRICATE SEVEN "T-SHAPED" PANELS AND TWO "L-SHAPED" PANELS FOR EACH EIGHT-BOOTH SECTION. THIS WOULD LEAVE A NON-WELDED JOINT AT THE CENTER OF THE REAR WALL IN EACH BOOTH. DIMENSIONS WILL STILL BE REQUIRED TO MEET THE SPECIFICATIONS ON THE PRINT. FURTHERMORE, THERE MUST BE NO BOLTS OR FASTENERS EXTENDING OUT OF THE REAR OF THE BOOTH.
- ALL WELDS MUST MEET THE VISUAL INSPECTION REQUIREMENTS OF THE AMERICAN WELDING SOCIETY D1.1 STRUCTURAL STEEL WELDING CODE AND MUST BE INSPECTED PRIOR TO APPLYING THE POWDER COAT FINISH. BUYER WILL SUPPLY THE CERTIFIED WELDING INSPECTOR AND MUST BE NOTIFIED 48 HOURS PRIOR TO INSPECTION. IT IS THE VENDOR'S RESPONSIBILITY TO CONTRACT THE BUYER AT THIS TIME.
- THERE MUST BE INCLUDED A WAY TO LEVEL BOOTHS BY EITHER A SLOTTED ATTACHMENT AT THE POINT WHERE THE TWO PANELS JOIN, OR BY LEVELING ADJUSTMENTS ON THE BOTTOM OF EACH FOOT, OR BOTH. ALL POINTS WHERE THE TUBING EXTENDS TO THE FLOOR MUST MAKE FULL CONTACT WITH FLOOR PRIOR TO ANCHORING.
- WITH THE EXCEPTION OF THE 38" WELDING TABLETOP, THE 3" ROUND TUBE THAT EXTENDS OUT OF THE AFOREMENTIONED TABLETOP, AND THE 3" SCH. 40 FIXTURE THAT SLIDES ONTO THE 3" ROUND TUBE, ALL PARTS ARE TO BE POWDER COATED (COLOR SHALL MATCH SHERWIN WILLIAMS 7018 DOVETAIL) PRIOR TO INSTALLATION. THERE SHALL BE NO WELDING, GRINDING, OR CUTTING AFTER THE POWDER COATING IS APPLIED. THEREFORE, THERE SHOULD BE NO TOUCH-UP REQUIRED.
- THERE SHALL BE NO HOLES IN ANY PARTS THAT ARE LEFT OPEN AFTER THE INSTALLATION IS COMPLETE. ANY OPENINGS AT THE END OF THE PIPE OR TUBING SHOULD BE PERMANENTLY CAPPED PRIOR TO POWDER COAT APPLICATION.

WELDING BOOTH SIZES & THICKNESS

- A. LEGS & BRACING IN PANELS = 2.0"x2.0"x1/8" SQUARE TUBE
- B. WALL PANELS BETWEEN BRACING & LEGS = .125" SHEET
- C. WELDING TABLETOP (LEFT SIDE) = .375" PLATE
- D. FIXTURE EXTENSION THAT EXTENDS BELOW & ABOVE WELDING TABLETOP IS 3.0" ROUND TUBE W/ .250" WALL THICKNESS
- E. FIXTURE THAT SLIDES ONTO FIXTURE EXTENSION IS 3" SCHEDULE 40 PIPE W/ 1.125" SQUARE STOCK
- F. EQUIPMENT SHELF (RIGHT SIDE) = .125" SHEET ON 1.5"x1.5"x.1875" ANGLE FRAME AND BRACE
- G. METAL HANGER HOOKS ARE .5625" ROUND STOCK
- H. CHAIN FOR GAS CYLINDER IS .1875"
- I. WELDING CURTAIN BAR 2" X 1" STEEL BAR, POWDER COATED

WELDING BOOTH QUANTITY

- QUANTITY PER ASSEMBLY OF 8
- A. T-SHAPE - 7 PIECES
 - B. LL-SHAPE - 1 PIECE
 - C. LR-SHAPE - 1 PIECE
- OVERALL QUANTITY
- A. T-SHAPE - 14 PIECES
 - B. LL-SHAPE - 2 PIECES
 - C. LR-SHAPE - 2 PIECES

GRINDING BOOTH GENERAL NOTES

- THERE MUST BE ONE SECTION OF FOUR BOOTHS.
- THERE MUST BE NO MORE THAN ONE NON-WELDED JOINT PER BOOTH OR NO MORE THAN THREE NON-WELDED JOINS PER SECTION OF FOUR BOOTHS. ALL TABLETOPS AND SHELVES MUST BE WELDED TO THE PANELS. THE RECOMMENDED WAY TO ACHIEVE THIS WOULD BE TO FABRICATE THREE "L-SHAPED" PANELS AND ONE "C-SHAPED" PANEL FOR EACH FOUR-BOOTH SECTION. THIS WOULD LEAVE A NON-WELDED JOINT AT THE CORNER OF THE REAR WALL IN EACH BOOTH. DIMENSIONS WILL STILL BE REQUIRED TO MEET THE SPECIFICATIONS ON THE PRINT. FURTHERMORE, THERE MUST BE NO BOLTS OR FASTENERS EXTENDING OUT OF THE REAR OF THE BOOTH.
- ALL WELDS MUST MEET THE VISUAL INSPECTION REQUIREMENTS OF THE AMERICAN WELDING SOCIETY D1.1 STRUCTURAL STEEL WELDING CODE AND MUST BE INSPECTED PRIOR TO APPLYING THE POWDER COAT FINISH. BUYER WILL SUPPLY THE CERTIFIED WELDING INSPECTOR AND MUST BE NOTIFIED 48 HOURS PRIOR TO INSPECTION. IT IS THE VENDOR'S RESPONSIBILITY TO CONTRACT THE BUYER AT THIS TIME.
- THERE MUST BE INCLUDED A WAY TO LEVEL BOOTHS BY EITHER A SLOTTED ATTACHMENT AT THE POINT WHERE THE TWO PANELS JOIN, OR BY LEVELING ADJUSTMENTS ON THE BOTTOM OF EACH FOOT, OR BOTH. ALL POINTS WHERE THE TUBING EXTENDS TO THE FLOOR MUST MAKE FULL CONTACT WITH FLOOR PRIOR TO ANCHORING.
- WITH THE EXCEPTION OF THE 38" TABLETOP, ALL PARTS ARE TO BE POWDER COATED (COLOR SHALL MATCH SHERWIN WILLIAMS 7018 DOVETAIL) PRIOR TO INSTALLATION. THERE SHALL BE NO WELDING, GRINDING, OR CUTTING AFTER THE POWDER COATING IS APPLIED. THEREFORE, THERE SHOULD BE NO TOUCH-UP REQUIRED.
- THERE SHALL BE NO HOLES IN ANY PARTS THAT ARE LEFT OPEN AFTER THE INSTALLATION IS COMPLETE. ANY OPENINGS AT THE END OF THE PIPE OR TUBING SHOULD BE PERMANENTLY CAPPED PRIOR TO POWDER COAT APPLICATION.

GRINDING BOOTH SIZES & THICKNESS

- A. LEGS & BRACING IN PANELS = 2.0"x2.0"x1/8" SQUARE TUBE
- B. WALL PANELS BETWEEN BRACING & LEGS = .125" SHEET
- C. TABLETOP = .375" PLATE

GRINDING BOOTH QUANTITY

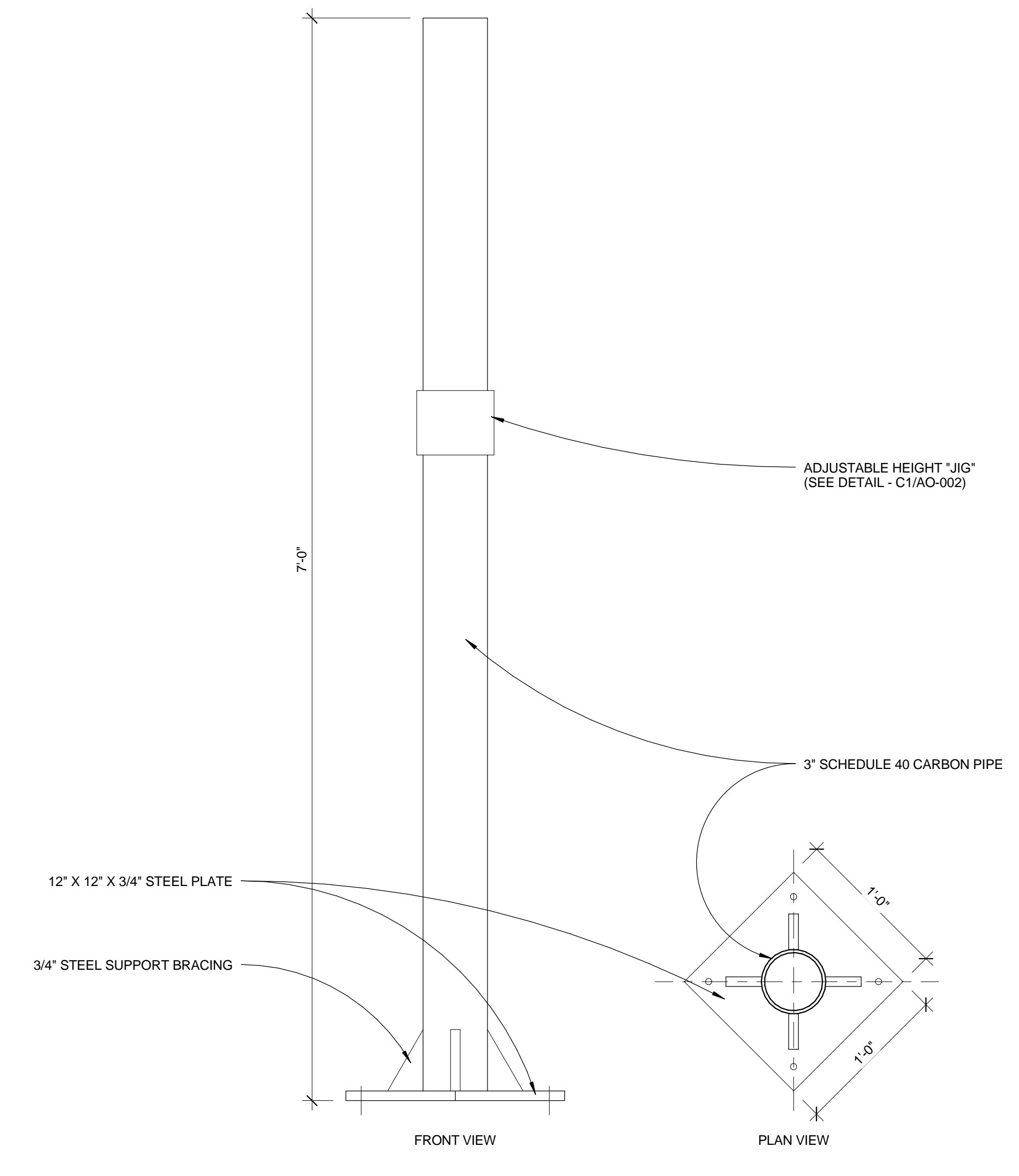
- QUANTITY PER ASSEMBLY OF 4
- A. L-SHAPE - 3 PIECES
 - B. C-SHAPE - 1 PIECE



3' 40 CARBON PIPE
1 1/2" X 1 1/2" X 1/4" STEEL TUBING SET AT 45 DEGREES
4" TUBING, 3/16" WALL THICKNESS



WELDED TEE HANDLE ON 5/8" THREADED BOLT (GRADE 8)
TUBING SLEEVE WITH TIGHTENING BOLT (GRADE 8, 5/8" THREADED BOLT)
1 1/2" X 1 1/2" X 1/4" STEEL TUBING SET AT 90 DEGREES (CLAMP SLIDES OVER TUBING)
SLIDE ON CLAMP W/ TIGHTENING BOLT 2" X 2" X 3/16"

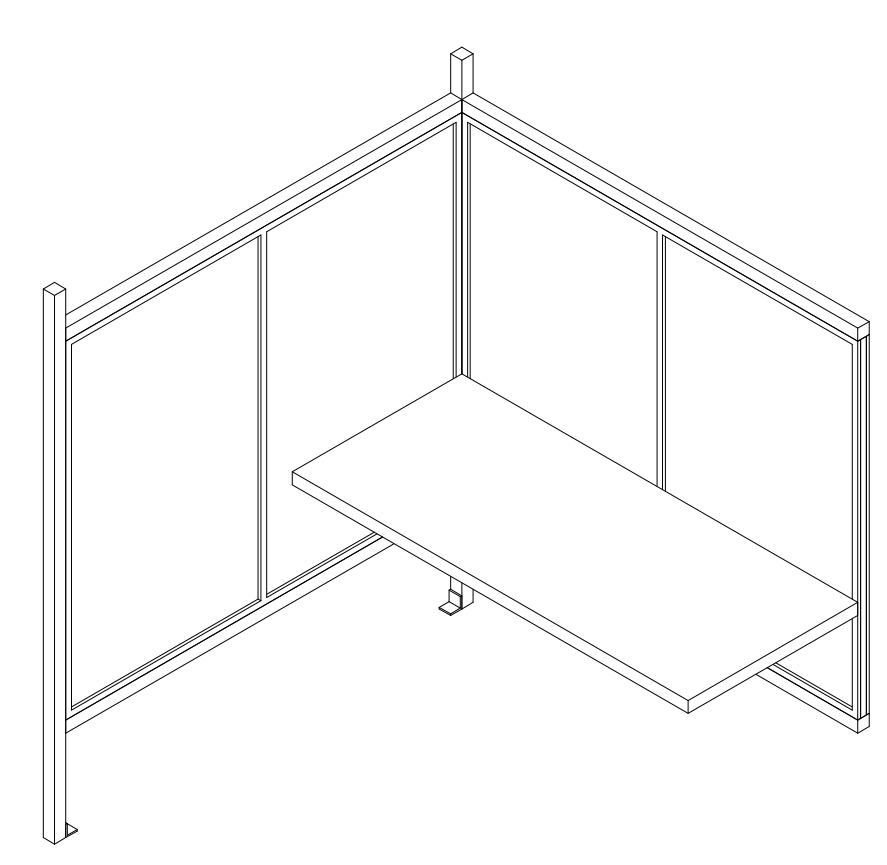


C4 JIG POST
1 1/2" = 1'-0"

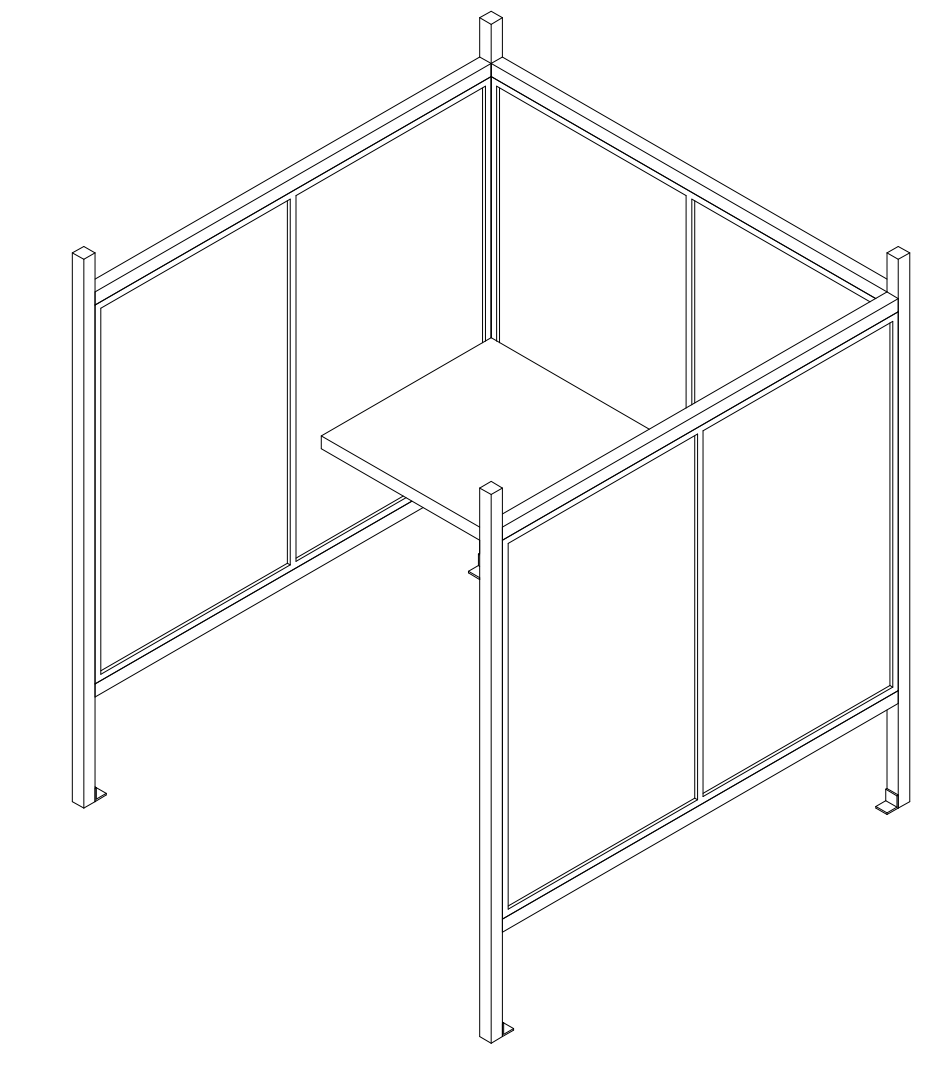
NOTE: MANUFACTURER SHALL DUPLICATE DESIGN AND DIMENSIONS OF EXISTING JIG AND JIG POST AT WELDING LAB ON SPARTANBURG COMMUNITY COLLEGE CAMPUS IN SPARTANBURG, SC

QUANTITY: 1 JIG ASSEMBLY PER JIG POST (16 TOTAL)

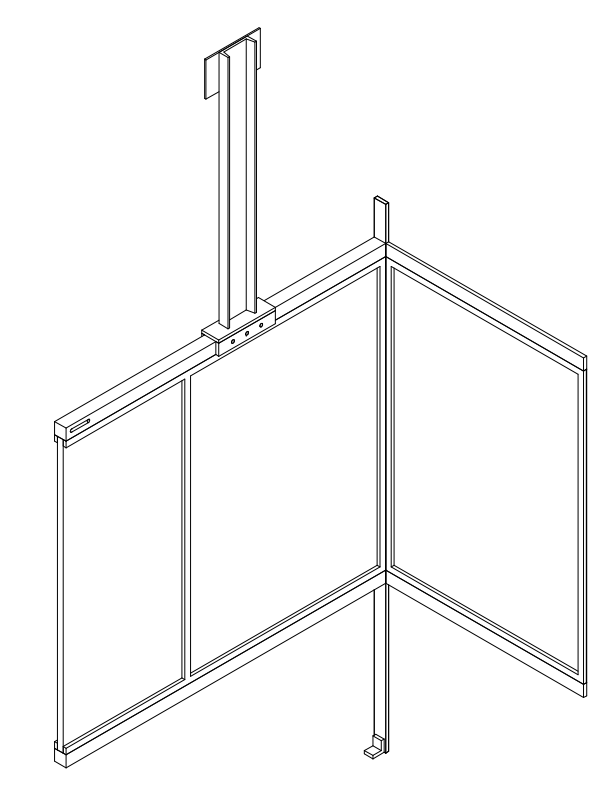
C1 JIG ASSEMBLY
NTS



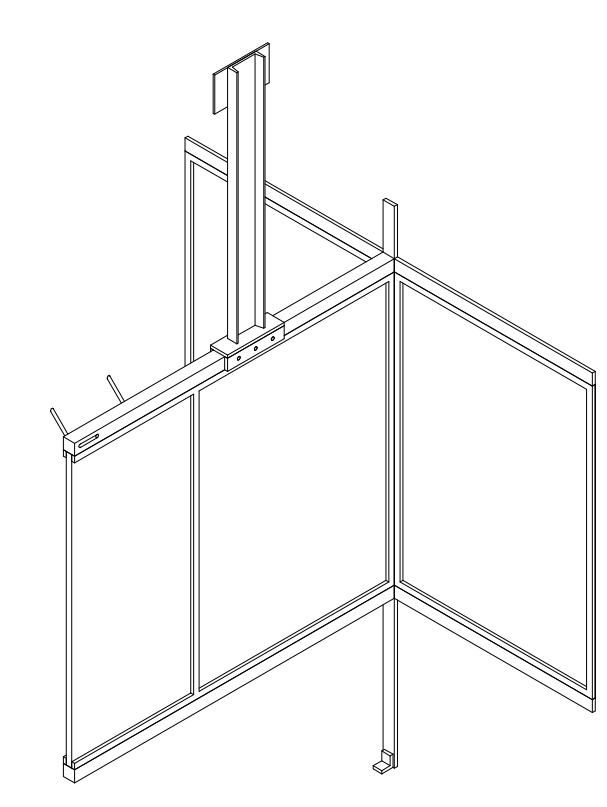
B4 LL SHAPE GRINDING BOOTH



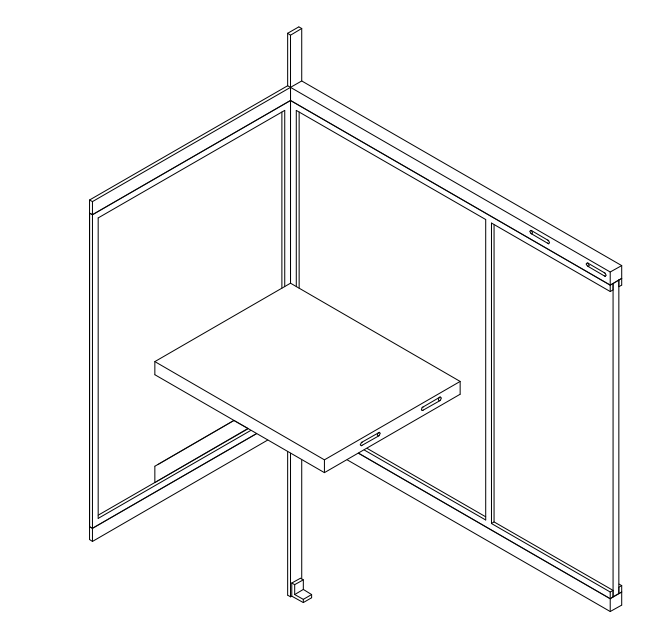
B5 C SHAPE GRINDING BOOTH



A4 LL SHAPE WELDING BOOTH



A5 T-SHAPE WELDING BOOTH



A6 LR SHAPE WELDING BOOTH