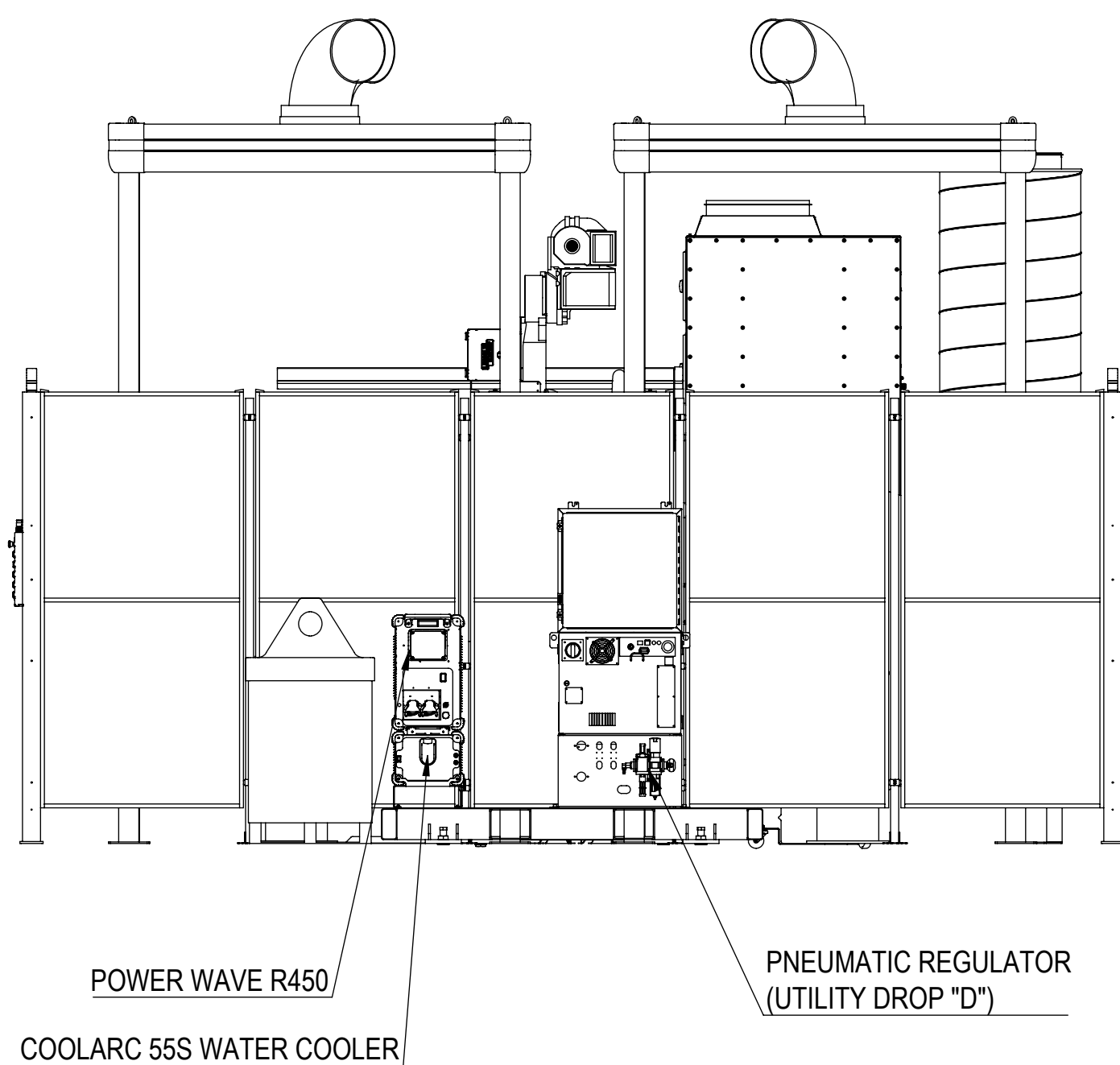
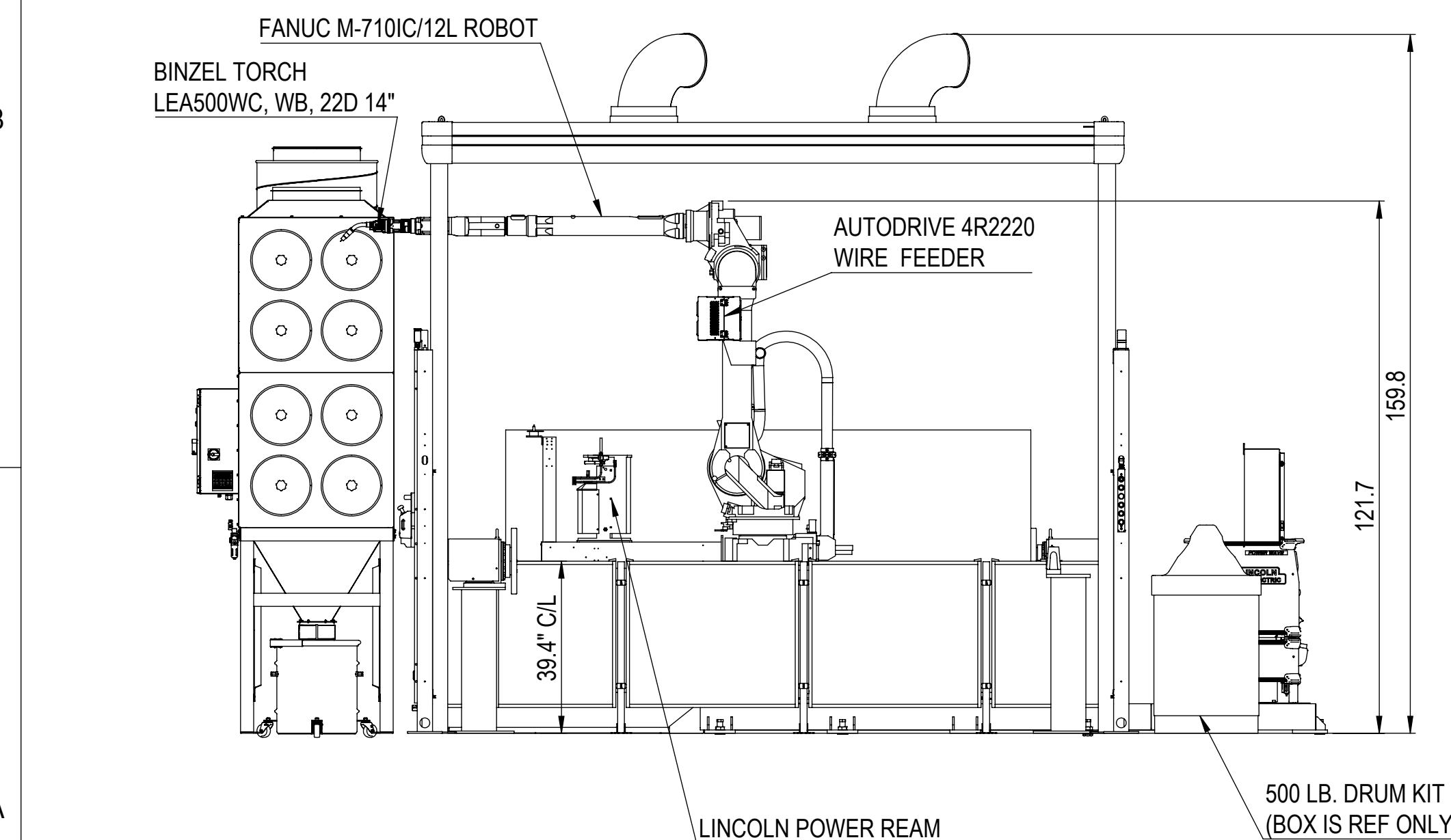
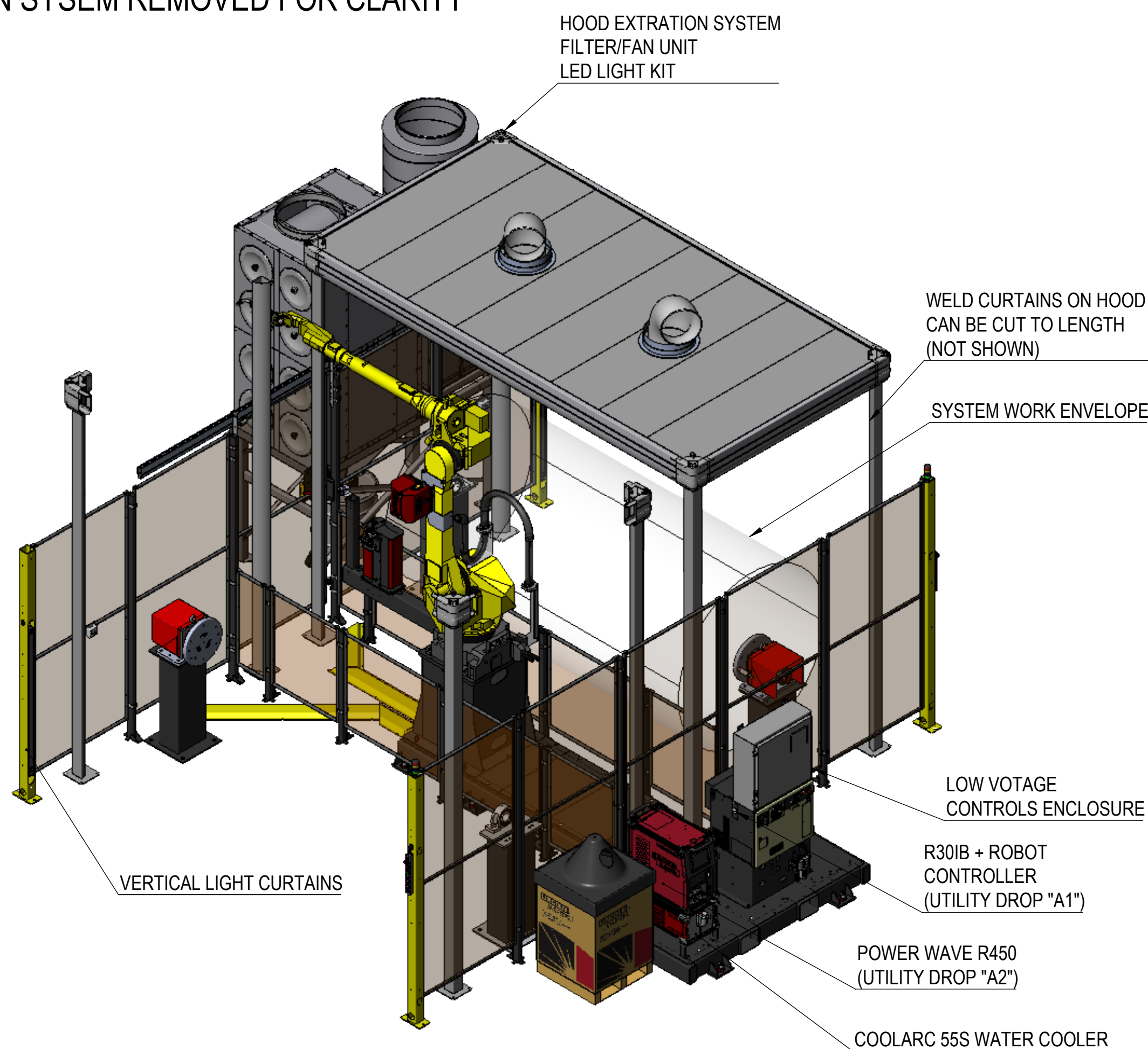
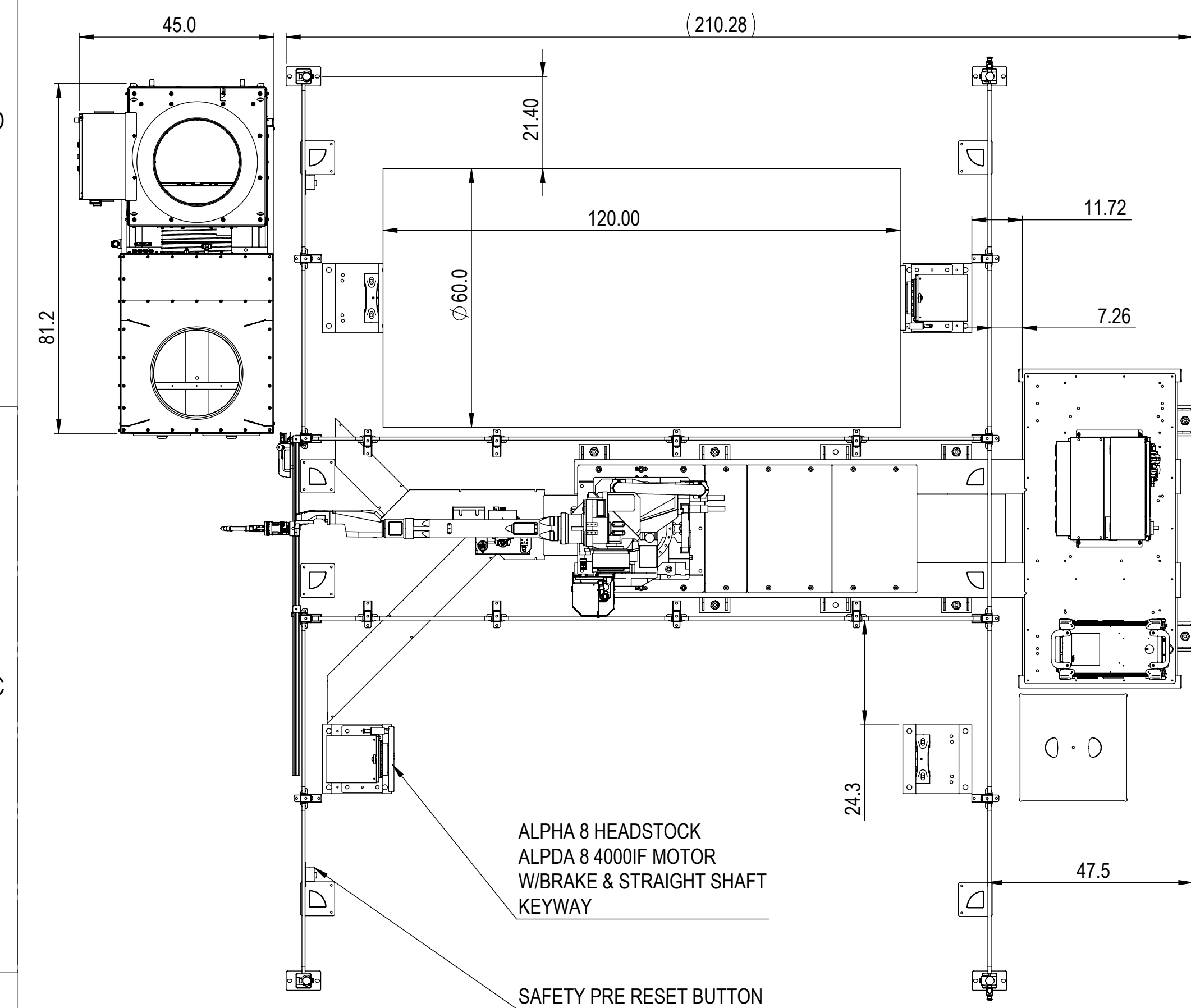


NOTE: FUME EXTRACTION SYSEM REMOVED FOR CLARITY

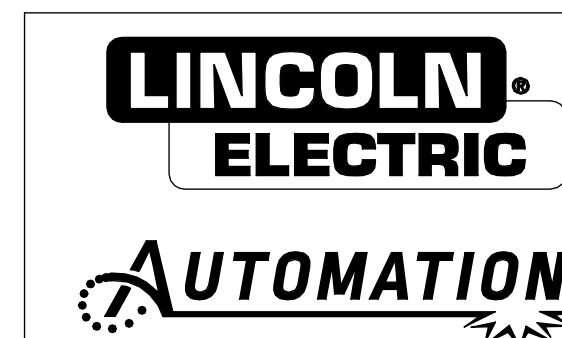


CUSTOMER APPROVAL LAYOUT

APPROVAL:  
INSTALLATION NOTES:

- LOCATE AND ANCHOR PALLET.
- ASSEMBLE FENCE AND ATTACH TO PALLET. DO NOT DRILL FOR ANCHORS.
- LOCATE POSITIONER TO PALLET PER ASSEMBLY PRINT. DO NOT DRILL FOR ANCHORS.
- RUN CABLES.
- IF PARTS PROGRAMED @ LE. USE ROBOT FOR FINE LOCATING OF POSITIONER, DRILL AND ANCHOR POSITIONER.
- ADJUST FENCE IF NEEDED. DRILL AND ANCHOR.
- ANCHORING INFORMATION:**
  - 5/8"-11 UNC STEEL STUD ANCHORS REQUIRED FOR PALLET AND POSITIONER ANCHORING UNLESS OTHERWISE NOTED; SUPPLIED LEVELING SCREW AND DISC ARE 3.5" TALL. SEE BELOW FOR EMBED DEPTH. (CUSTOMER SUPPLIED)
  - 3/8"-16 UNC STEEL STUD ANCHORS REQUIRED FOR FENCE. (CUSTOMER SUPPLIED)
- UTILITY DROP SCHEDULE:**
  - A1 = 460 VAC, 20A, 3 PHASE ELECTRICAL DROP FOR ROBOT.
  - A2 = 460 VAC, 45A, 3 PHASE ELECTRICAL DROP REQUIRED FOR LINCOLN ELECTRIC POWER WAVE R450 WELDING POWER SUPPLY.
  - A4 = 115 VAC, 15A, 1 PHASE ELECTRICAL DROP REQUIRED FOR FUME HOOD LIGHTS IF LIGHTS SHOULD REMAIN ON WITH WELDER TURNED OFF.
  - C = SHIELDING GAS
  - D = 80 PSIG MIN, 95 PSIG MAX SHOP AIR
- CONCRETE INFORMATION:**
  - 3000 PSI MINIMUM REINFORCED CONCRETE REQUIRED, EMBED DEPTH IS BASED ON ANCHOR SPECIFICATIONS AND CONCRETE THICKNESS/CONDITION. EMBED DEPTH CAN BE LESS FOR HIGHER PSI CONCRETE, SEE A LOCAL STRUCTURAL ENGINEER.
- CABLE COVERS ARE PROVIDED BY AS SHOWN. IF CUSTOMER WANTS TO TRENCH IN SAME LOCATION INSTEAD. TRENCHES MUST NOT BE METALLIC ON ALL SIDES. AT LEAST ONE NON-FERROUS SIDE IS REQUIRED TO ELIMINATE SIGNAL ATTENUATION AFTER INSTALLATION.
- SEE POSITIONER PRODUCT SPECIFICATIONS FOR PLATTER MOUNTING DIMENSIONS. NOTICE ANGLE OF POSITIONER RELATIVE TO DIMENSIONS.
- SEE POSITIONER PRODUCT SPECIFICATIONS FOR LOADING AND TORQUE CAPACITIES.

REV	DESCRIPTION	DATE	ENG	ZONE
A	INITIAL RELEASE	04/20/18	MWY	
			ENG	



MATERIAL	FINISH	HEAT TREAT
	NONE	NONE

UNSPECIFIED MACHINING DIM. TOLERANCES:	UNSPECIFIED NON MACH. DIM. TOLERANCES:	DESCRIPTION
0.253mm ±0.1mm	1200-4000mm ±0.2mm	CUSTOMER APPROVAL LAYOUT
3-6mm ±0.1mm	400-1000mm ±0.3mm	
6-30mm ±0.2mm	1000-2000mm ±0.5mm	
30-120mm ±0.3mm	2000-4000mm ±0.8mm	

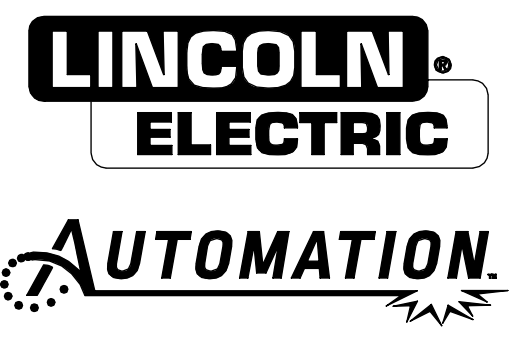
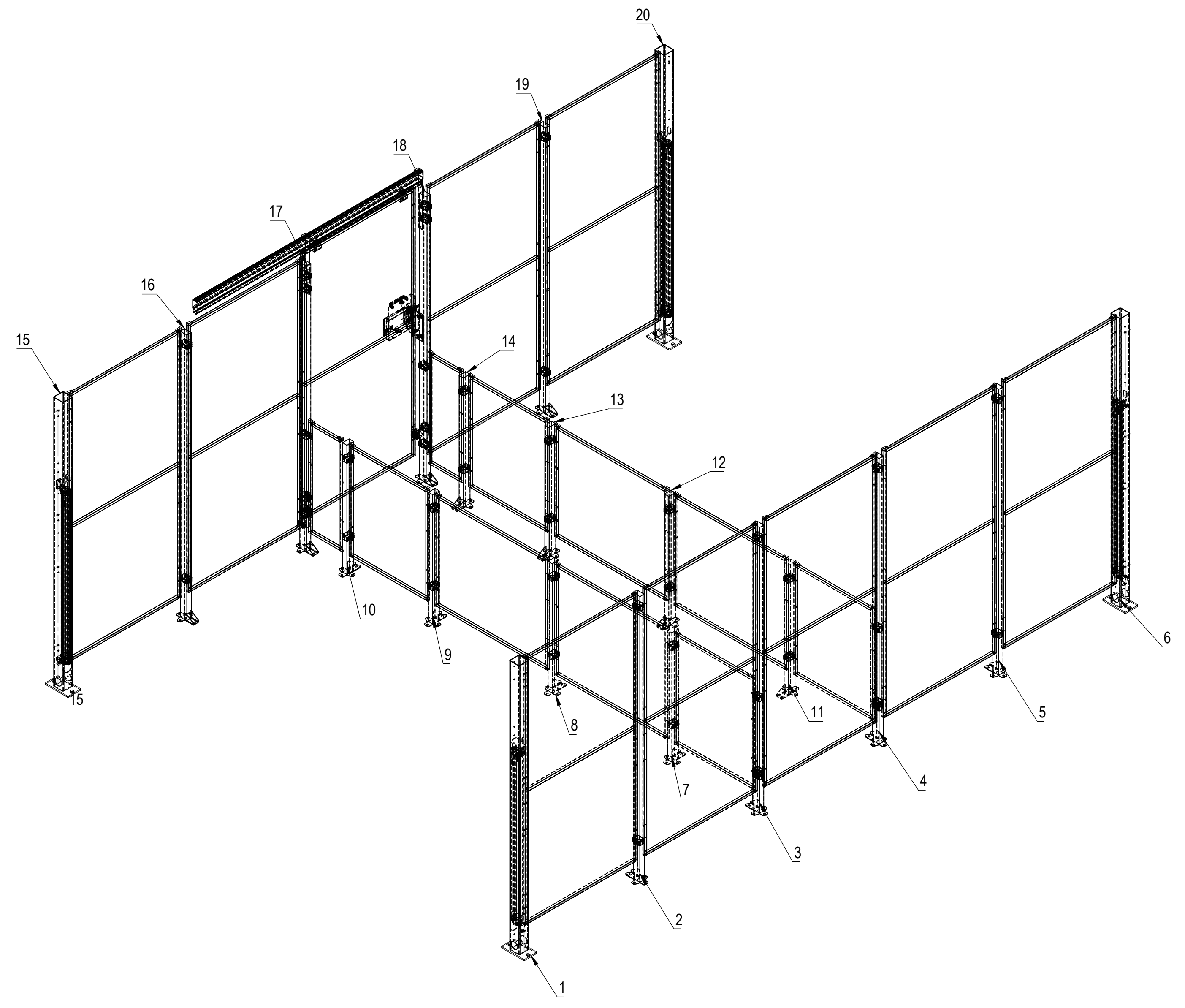
  

DESIGN BY	DATE	WEIGHT	SHEET	VERSION	REVISION
		3650.3 KG	1/2	3	PR

THIRD ANGLE PROJECTION	EXCEPT AS NOTED TOLERANCES SHALL BE:	AFS PART NUMBER
	±0.02 mm BETWEEN DOWELL HOLES ±0.1 mm TO SCREW HOLES, NON ACCUMULATIVE	APPROVAL LAYOUT

FENCING LABELING LAYOUT



UNSPECIFIED MACHINING DIM. TOLERANCES:		UNSPECIFIED NON MACH. DIM. TOLERANCES:		DESCRIPTION	
0.35-3mm	±0.1mm	120-400mm	±0.5mm	120-400mm	±1.2mm
3-6mm	±0.1mm	400-1000mm	±0.8mm	3-6mm	±0.3mm
6-30mm	±0.2mm	1000-2000mm	±1.2mm	6-30mm	±0.5mm
30-120mm	±0.3mm	2000-4000mm	±2.0mm	30-120mm	±0.8mm
				2000-4000mm	±4.0mm

MATERIAL	FINISH	HEAT TREAT
	NONE	NONE

EXCEPT AS NOTED TOLERANCES SHALL BE:			
±0.02 mm BETWEEN DOWELL HOLES		WEIGHT	
±0.1 mm TO SCREW HOLES, NON ACCUMULATIVE		3650.3 KG	
THIRD ANGLE PROJECTION		SHEET	2/2
BREAK ALL CORNERS NOT REQUIRED TO BE SHARP		VERSION	3
		REVISION	PR
		AFS PART NUMBER	
		APPROVAL LAYOUT	