

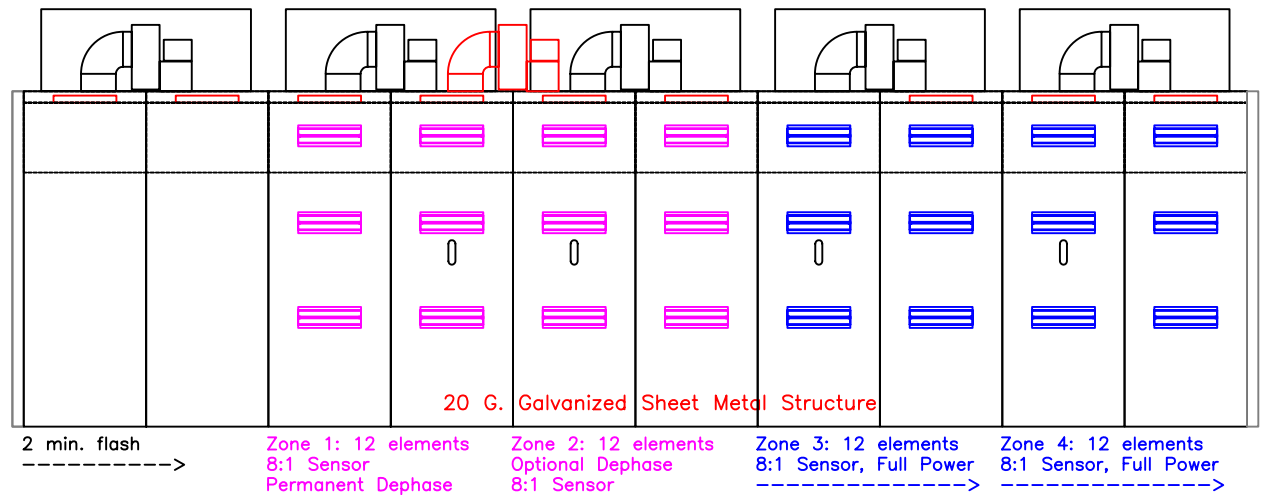
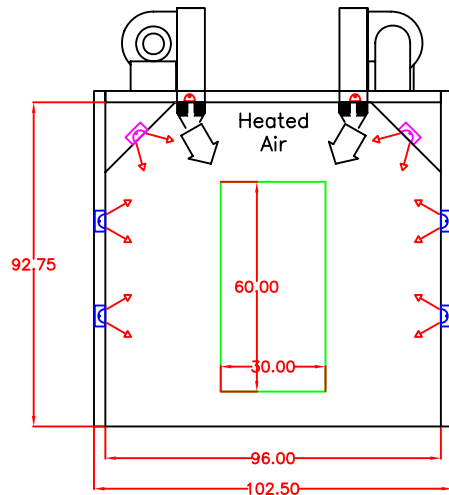
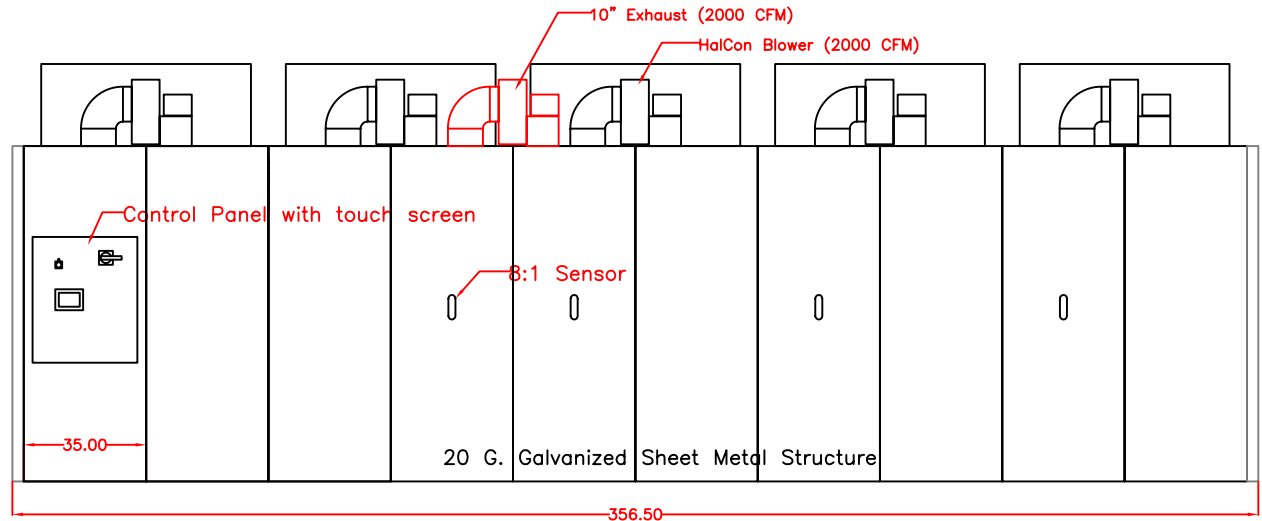
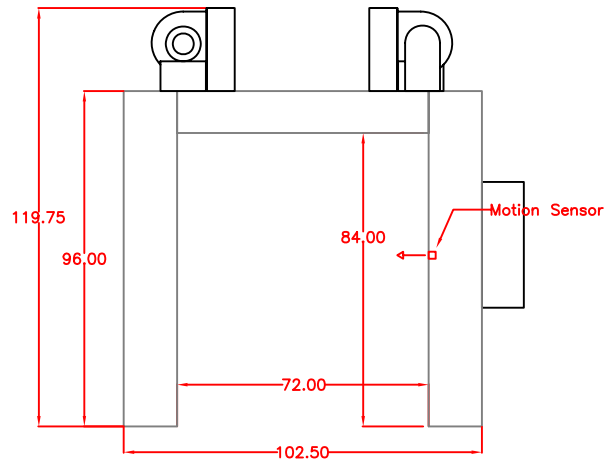
30'L HalCon Conveyor Tunnel

System uses 66 Halogen elements controlled by an Allen Bradley touch screen control panel with four side heat zones and one convection zone. A timed motion sensor activates the system and a conveyer override shuts the system OFF if the line stops. Zone 1 has permanent Dephase and Zone 2 has optional Dephase for two stage curing. All side heat zones use an 8:1 sensor with laser pointer to monitor and control part temperatures. Ten high volume HalCon blowers with 18 elements elements circulate internal heated air and a 10" exhaust blower (2000 CFM) removes fumes. An air temperature probe monitors air temperature.

Halogen reflectors pivot 30 degrees for easy heat focus.


Line Speed: ~2 fpm

Flash: 2 minutes, Cure: 12 minutes



Control panel with disconnect
 Allen Bradley touch screen controller – timed motion sensor – conveyer override – 8:1 sensors – Air temperature probe – Allen Bradley contactors – IEC motor overloads – Nema 12 panel

Power: 122KW @480V 3ph ~173Amps (full power)

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	DRAWN		T. Lin 05/29/2012
	CHECKED		
	SCALE		NONE
TITLE		Conveyor Tunnel 30'Lx8'6"Wx8'H	
SHEET		1 OF 1	
DWO No.		1	
DWO No.		Concept Drawing	