

Hinged Wall Panel

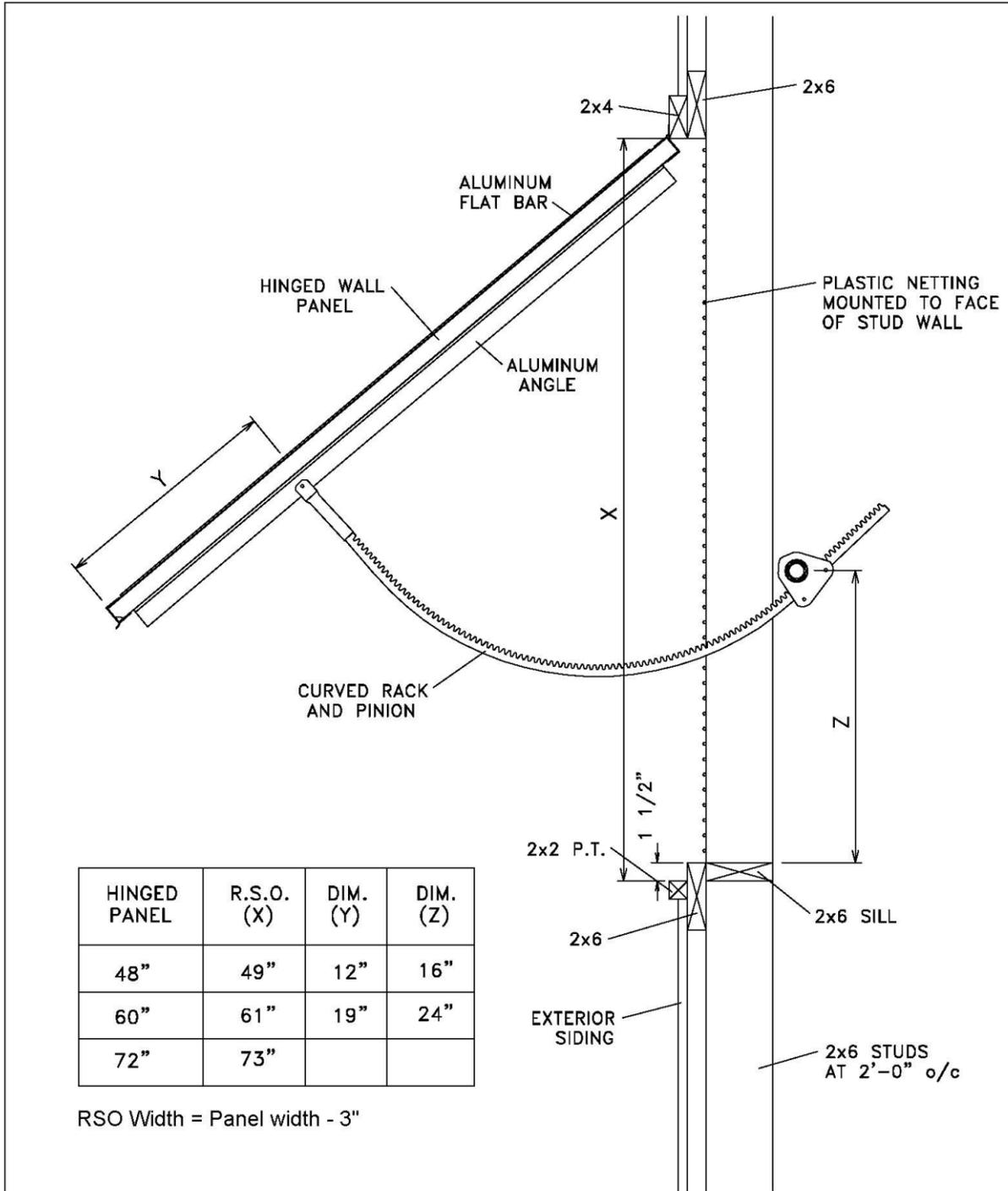
INSTALLATION MANUAL



Installation Instructions

1. Mount hinged wall panel in prepared and flashed opening as per drawing illustration. The flexible hinge at top of the panel will be secured to frame work via aluminum nailer strip supplied. Screw woodgrips through nailer strip and rigid part of hinge.
2. Before securing, assure the panel fits the opening properly and seals tight, in the closed position. Each additional panel is joined to the previous by inserting in the previous panels "H" joiner. Prior to joining, run a bead of polyurethane caulking in each side of the "H" joiner. This will act as a seal and effective adhesive to secure the panels together.
NOTE: You will find it easiest to slide the panels into the "H" joiner.
3. To install the operating hardware begin by mounting the pipe hanging brackets 2 ft down from the top of the framed opening, as per drawing. Pipe hanger brackets should be placed 8 ft on center.
4. Install the 1" diameter galvanized pipe by sliding through the pipe hanger brackets. Each pipe is joined to the next by use of pipe joiners. Do not forget to install the pinions at appropriate locations during this phase of installation. Pinions are required at each panel.
5. The gearbox is mounted to a wall area that has been properly blocked during framing. It is usually mounted at one end of the panel section. It is important that the gearbox be mounted so that its outshaft(s) is centered with the drive pipe. This can often be assisted by adjusting the position of pipe hanger brackets (closer or further from wall) at time of mounting. Fasten the drive pipe to gearbox by drilling a hole in the pipe and inserting a 5/16" bolt. Drill hole in one wall of pipe then align over the hole in the shaft. using the shaft as a drill guide, drill hole through second wall of pipe.
6. The first rack and pinion should be started approximately 12" from each end of the section and be placed on 8 ft centers. We suggest the rack and pinions be placed so they fall about 6" to 12" from the "H" joiner between panels.
7. The aluminum curved rack is to be threaded through its respective pinion and mounted to panels via aluminum angle and PVC flat bar supplied. The PVC flat bar will be mounted to the outside of the panel, and the aluminum angle to the inside. line the bars up with the pinions and mount them to panels via 1/4" x 2-1/4" stainless bolts, as per drawing. As noted on drawing, the rack should be fastened to aluminum angle approximately 17" up from bottom of hinged panel.
8. If the system is manually operated, the gearbox will have been supplied with a crank handle. If automated, the gearbox will or can be fitted with an electric DC motor. The drive motor mounts to the gearbox via an adjustable plate assembly. A separate short rack and pinion are supplied with a limit switch attached, for the automated gearbox.

Framing Detail



Faromor Inc. P.O. Box 279, RR#1 Shakespeare, Ontario. NOB 2P0 - (519) 625-8000	TITLE: FRAMING FOR HINGED WALL PANEL	DATE: NOV 99
	PART/PROJECT#:	DRAWN BY: R.S.
	REVISED:	SCALE: N.T.S.
		CAD FILE: HINGPNC1