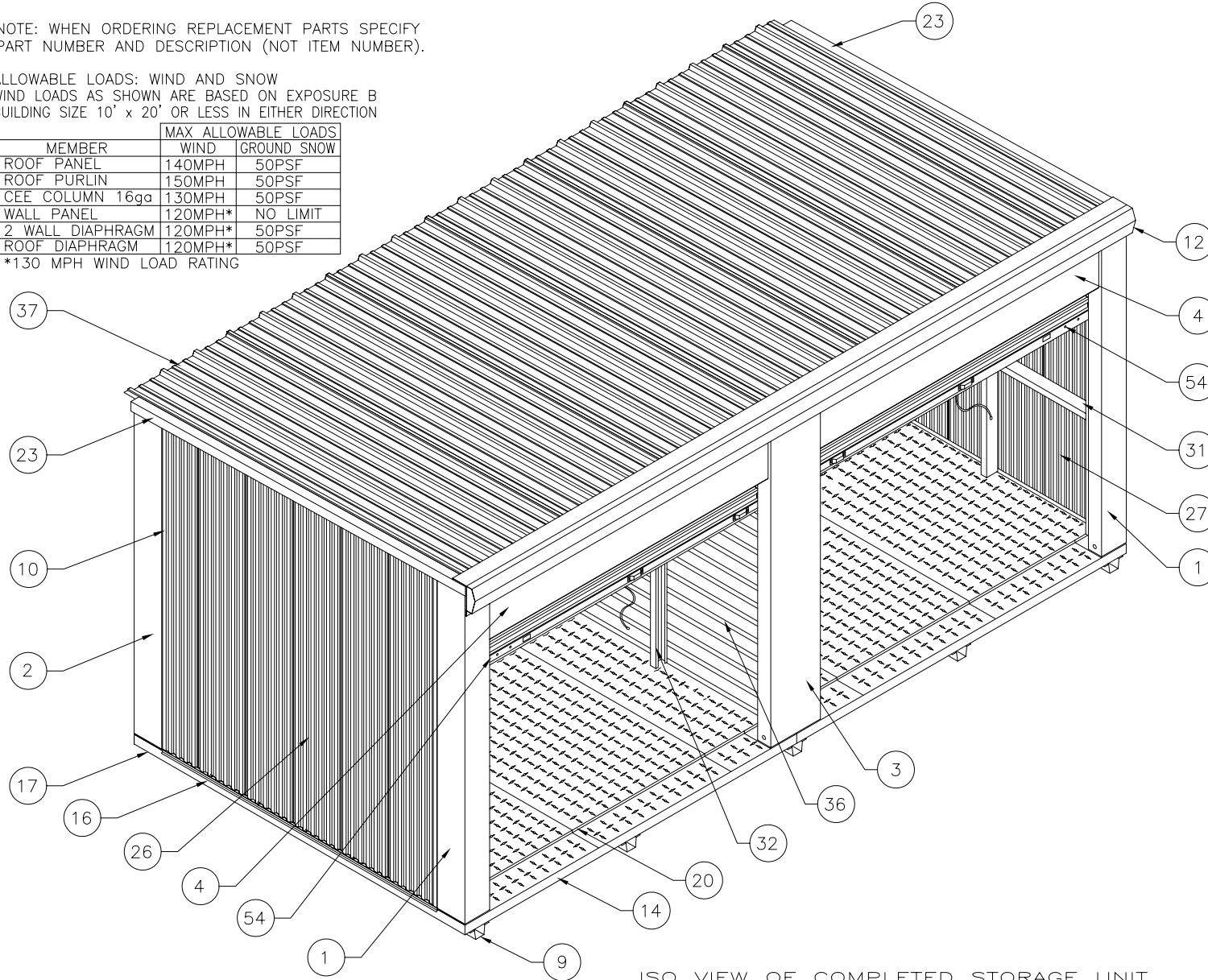


NOTE: WHEN ORDERING REPLACEMENT PARTS SPECIFY PART NUMBER AND DESCRIPTION (NOT ITEM NUMBER).

ALLOWABLE LOADS: WIND AND SNOW
WIND LOADS AS SHOWN ARE BASED ON EXPOSURE B
BUILDING SIZE 10' x 20' OR LESS IN EITHER DIRECTION

MEMBER	MAX ALLOWABLE LOADS	
	WIND	GROUND SNOW
ROOF PANEL	140MPH	50PSF
ROOF PURLIN	150MPH	50PSF
CEE COLUMN 16ga	130MPH	50PSF
WALL PANEL	120MPH*	NO LIMIT
2 WALL DIAPHRAGM	120MPH*	50PSF
ROOF DIAPHRAGM	120MPH*	50PSF

*130 MPH WIND LOAD RATING



ISO VIEW OF COMPLETED STORAGE UNIT

SEE SHEET NUMBER 7 FOR TIE DOWN INFORMATION

ITEM	DESCRIPTION	QTY	PART No.
1	PIER,CORNER 9"x102.25"	2	U650022-09
2	PIER, CORNER 9"x 99"	2	U650022-09
3	PIER, DBL. 18"x 102.25"	1	U650017-09
4	HEADER 102" x 18.25"	2	U650007-20
5	BASE PLATE, CORNER	4	U650309-09
6	TOP PLATE, CORNER	4	U650065-09
7	TOP PLATE, 18" DBL.	1	U650052-18
8	BASE PLATE, 18" DBL.	1	U650053-18
9	FLOOR SUPPORT HATS	5	U650297-120
10	TRIM ANGLE OUTSIDE, VERTICAL	4	U650368-99
10A	TRIM ANGLE INSIDE, VERTICAL	4	U650369-99
11	TRIM ANGLE OUTSIDE, VERTICAL	2	U650368-101.5
11A	TRIM ANGLE INSIDE, VERTICAL	2	U650369-101.5
12	SCULPTURED RAKE 121"	2	U650288-120
13	RAKE END CAP	3	U650287
14	RAIN-LIP CHANNEL, 14ga.x120"	2	U650298-120
15	BASE CHANNEL, BACK 14ga.x120"	2	U650299-120
16	WALL DRIP EDGE ZEE, SIDE 101.75	2	U650301-102
16	WALL DRIP EDGE ZEE, BACK 110.88	2	U650301-111
17	BASE ANGLE, SIDE 5x3x120	2	U650300-120
18	TOP CAP, BACKWALL 110.875	2	U650302-111
19	TOP ANGLE, SIDE 3x3x101.75	2	U650303-102
20R	DIAMOND PLATE 48" Right Notch	1	U650306-R-115.25
20S	DIAMOND PLATE 48" Standard	2	U650306-115.25
20C	DIAMOND PLATE 48" Center Notch	1	U650306-C-115.25
20L	DIAMOND PLATE 48" Left Notch	1	U650306-L-115.25
21	CLIP ANGLE, HORIZONTAL GIRTS	16	U650305
22	CLIP ANGLE, STUDS TO FLOOR	12	U220004
23	TOP TRIM ANGLE, SIDE 3x3x26ga.	1	U450209-00-120
23A	TOP TRIM CHANNEL, SIDE 3x2x1.25	1	U450879-00-120
24	TOP TRIM ANGLE, BACK 2x1x26ga.	2	U450783-00-120
25	D-PANEL PAINTED, BACK WALL 98.5	13	U230100-20-98.5
26	D-PANEL PAINTED, SIDE WALL 99.25	4	U230100-20-99.25
27	D-PANEL PAINTED, SIDE WALL 100.5	4	U230100-20-100.5
28	STUD, BACK WALL 2 x 4 x 98.75	3	U530030-98.75
29	STUD, SIDE WALL 2 x 4 x 100	3	U530030-100.0
30	GIRT, HORIZONTAL 4 x 2 x 53.75	4	U530030-53.75
31	GIRT, HORIZONTAL 4 x 2 x 49.75	4	U530030-49.75
32	STUD 2.5x 20ga. x 98 Long	1	U530002-98
33	STUD 2.5x 20ga. x 101 Long	1	U530002-101
34	ZEE PURLIN, 6x2x238x16ga.	1	U530031-238
35	N-DECK 3x24x240x22ga.	5	U530045-240
36	29ga. PARTITION PANEL, 36x111	3	U530021-111
37	R-ROOFING PANEL, 36x123	6	U530046-123
37A	R-ROOFING PANEL, 23.5x123	1	U530046-123
38	CLOSURE STRIP, R-PNL #HW455	14	U530047
39	SEAM SEALER TAPE #HW505	3	U530048
40	SIMPSON CLIP 2x 1.5x 18ga.	2	U420001
41	SCREW, 1/4x3/4 HEX SELF DRILL	390	U210009
42	SCREW, #8 PAINTED HEX SELF DRILL	456	U410005-00
43	ANGLE, 3 x 3 x 16 DOOR MTG.	2	U650064-16
44	SCREW, 1/4x3/4 Rubber Washer (ROOF)	115	U610005
45	SCREW, #10x5/8" HEX HEAD SELF DRILL	40	U210152
46	SCREW, #8x1/2" PHILLIPS HEAD	200	U410022
47	SCREW TIP COVER, VINYL	70	U410006
48	BOLT, 1/2"-13 x 1" FIN TYPE	10	U610001
49	BOLT, 1/2"-13 x 1 1/4" HEX HEAD	22	U610002
50	NUT, HEX 1/2"-13	32	U610003
51	WASHER, FLAT 1/2"	60	U610004
52	BOLT, 3/8"-16 x 1 1/2" HEX HEAD	6	U210026
53	NUT, HEX 3/8"-16	6	U210045
54	ROLL UP DOOR 8'-6" x 7'-0"	2	MODEL 501

Part No. U690017 rev.6 09/15/04cdw



Rite-Away Installation Instructions

10' x 20' Unit (2)- 8'-6" Wide Rollup doors

A: ATTACH BASE CHANNELS (ITEM 15) & RAIN LIP (ITEM 14) TO FLOOR SUPPORT HATS (ITEM 9) WITH 1/4" SELF DRILLING SCREWS. USE HOLES IN BASE CHANNELS TO SPACE FLOOR SUPPORTS.

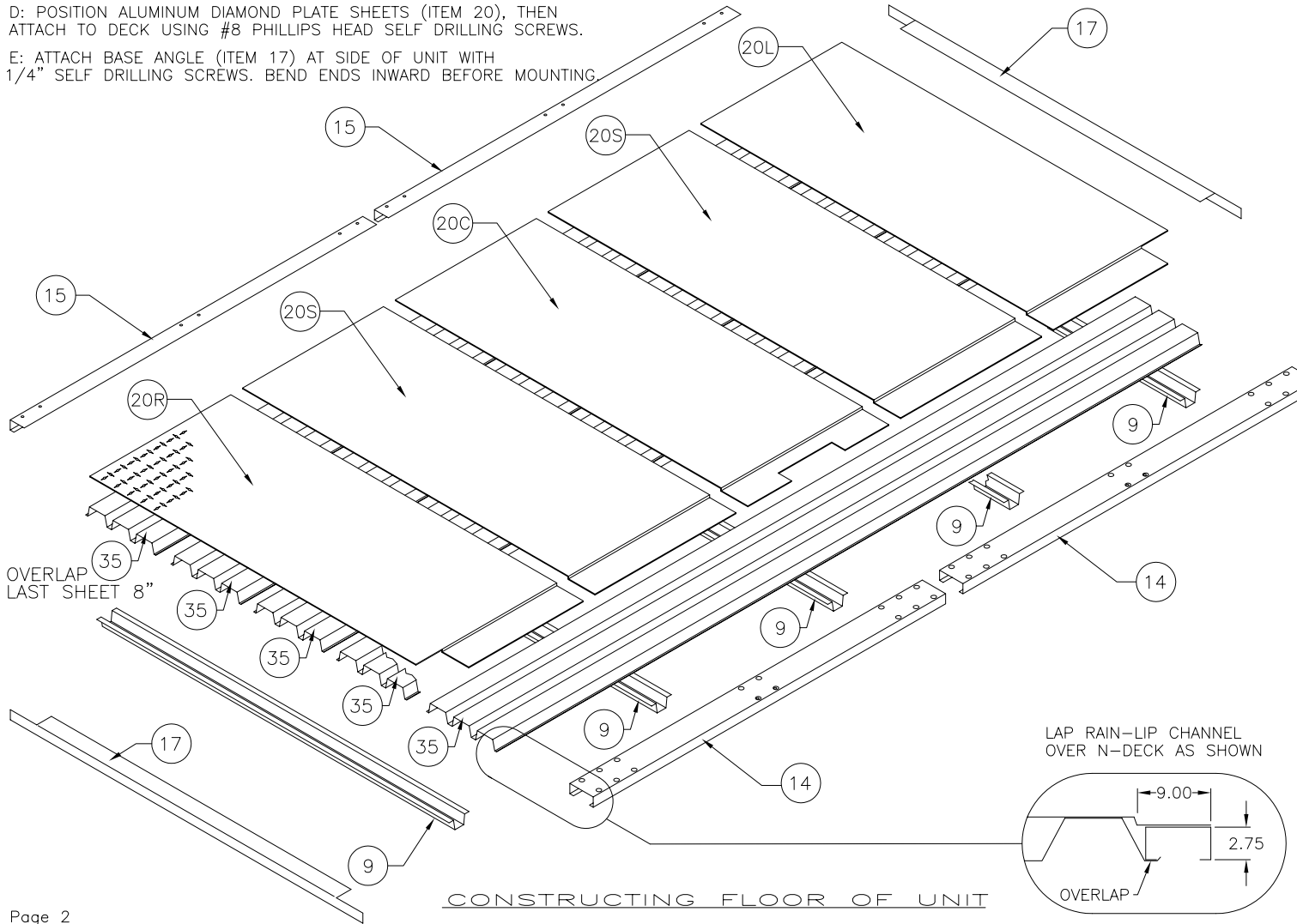
B: PLACE N- DECK (ITEM 35) ON FLOOR SUPPORTS. ATTACH USING WITH 1/4" SELF DRILLING SCREWS, 2 AT EACH FLAT AT EACH HAT SUPPORT.

C: CHECK THAT DECK IS SQUARE WITH SUPPORTS, BY COMPARING DIAGONAL MEASUREMENTS.

D: POSITION ALUMINUM DIAMOND PLATE SHEETS (ITEM 20), THEN ATTACH TO DECK USING #8 PHILLIPS HEAD SELF DRILLING SCREWS.

E: ATTACH BASE ANGLE (ITEM 17) AT SIDE OF UNIT WITH 1/4" SELF DRILLING SCREWS. BEND ENDS INWARD BEFORE MOUNTING.

NOTE: WHEN ATTACHING BASE CHANNEL(S) AND RAIN LIP TO FLOOR SUPPORTS, ATTACH WITH ONE SCREW ONLY ON EACH END OF ALL SUPPORTS, THEN BY MEASURING CORNER TO CORNER, SQUARE UP BASE. INSERT SCREWS IN ALL HOLES. NOW PROCEED WITH INSTALLATION OF "N" DECK & ALUMINUM FLOOR SHEETS.



ITEM	DESCRIPTION	QTY	PART No.
1	PIER,CORNER 9"x102.25"	2	U650022-09
2	PIER, CORNER 9"x 99"	2	U650022-09
3	PIER, DBL. 18"x 102.25"	1	U650017-09
4	HEADER 102" x 18.25"	2	U650007-20
5	BASE PLATE, CORNER	4	U650309-09
6	TOP PLATE, CORNER	4	U650065-09
7	TOP PLATE, 18" DBL.	1	U650052-18
8	BASE PLATE, 18" DBL.	1	U650053-18
9	FLOOR SUPPORT HATS	5	U650297-120
10	TRIM ANGLE OUTSIDE, VERTICAL	4	U650368-99
10A	TRIM ANGLE INSIDE, VERTICAL	4	U650369-99
11	TRIM ANGLE OUTSIDE, VERTICAL	2	U650368-101.5
11A	TRIM ANGLE INSIDE, VERTICAL	2	U650369-101.5
12	SCULPTURED RAKE 121"	2	U650288-120
13	RAKE END CAP	3	U650287
14	RAIN-LIP CHANNEL, 14ga.x120"	2	U650298-120
15	BASE CHANNEL, BACK 14ga.x120"	2	U650299-120
16	WALL DRIP EDGE ZEE, SIDE 101.75	2	U650301-102
16	WALL DRIP EDGE ZEE, BACK 110.88	2	U650301-111
17	BASE ANGLE, SIDE 5x3x120	2	U650300-120
18	TOP CAP, BACKWALL 110.875	2	U650302-111
19	TOP ANGLE, SIDE 3x3x101.75	2	U650303-102
20R	DIAMOND PLATE 48" Right Notch	1	U650306-R-115.25
20S	DIAMOND PLATE 48" Standard	2	U650306-115.25
20C	DIAMOND PLATE 48" Center Notch	1	U650306-C-115.25
20L	DIAMOND PLATE 48" Left Notch	1	U650306-L-115.25
21	CLIP ANGLE, HORIZONTAL GIRTS	16	U650305
22	CLIP ANGLE, STUDS TO FLOOR	12	U220004
23	TOP TRIM ANGLE, SIDE 3x3x26ga.	1	U450209-00-120
23A	TOP TRIM CHANNEL, SIDE 3x2x1.25	1	U450879-00-120
24	TOP TRIM ANGLE, BACK 2x1x26ga.	2	U450783-00-120
25	D-PANEL PAINTED, BACK WALL 98.5	13	U230100-20-98.5
26	D-PANEL PAINTED, SIDE WALL 99.25	4	U230100-20-99.25
27	D-PANEL PAINTED, SIDE WALL 100.5	4	U230100-20-100.5
28	STUD, BACK WALL 2 x 4 x 98.75	3	U530030-98.75
29	STUD, SIDE WALL 2 x 4 x 100	3	U530030-100.0
30	GIRT, HORIZONTAL 4 x 2 x 53.75	4	U530030-53.75
31	GIRT, HORIZONTAL 4 x 2 x 49.75	4	U530030-49.75
32	STUD 2.5x 20ga. x 98 Long	1	U530002-98
33	STUD 2.5x 20ga. x 101 Long	1	U530002-101
34	ZEE PURLIN, 6x2x238x16ga.	1	U530031-238
35	N-DECK 3x24x240x22ga.	5	U530045-240
36	29ga. PARTITION PANEL, 36x111	3	U530021-111
37	R-ROOFING PANEL, 36x123	6	U530046-123
37A	R-ROOFING PANEL, 23.5x123	1	U530046-123
38	CLOSURE STRIP, R-PNL #HW455	14	U530047
39	SEAM SEALER TAPE #HW505	3	U530048
40	SIMPSON CLIP 2x 1.5x 18ga.	2	U420001
41	SCREW, 1/4x3/4 HEX SELF DRILL	390	U210009
42	SCREW, #8 PAINTED HEX SELF DRILL	456	U410005-00
43	ANGLE, 3 x 3 x 16 DOOR MTG.	2	U650064-16
44	SCREW,1/4x3/4 Rubber Washer (ROOF)	115	U610005
45	SCREW, #10x5/8" HEX HEAD SELF DRILL	40	U210152
46	SCREW, #8x1/2" PHILLIPS HEAD	200	U410022
47	SCREW TIP COVER, VINYL	70	U410006
48	BOLT, 1/2"-13 x 1" FIN TYPE	10	U610001
49	BOLT, 1/2"-13 x 1 1/4" HEX HEAD	22	U610002
50	NUT, HEX 1/2"-13	32	U610003
51	WASHER, FLAT 1/2"	60	U610004
52	BOLT, 3/8"-16 x 1 1/2" HEX HEAD	6	U210026
53	NUT, HEX 3/8"-16	6	U210045
54	ROLL UP DOOR 8'-6" x 7'-0"	2	MODEL 501



Rite-Away Installation Instructions

10' x 20' Unit (2)- 8'-6" Wide Rollup doors

F: ATTACH BASE PLATES (ITEM 5) TO RAIN LIP CHANNEL & BASE CHANNEL WITH 1/4" SELF DRILLING SCREWS.

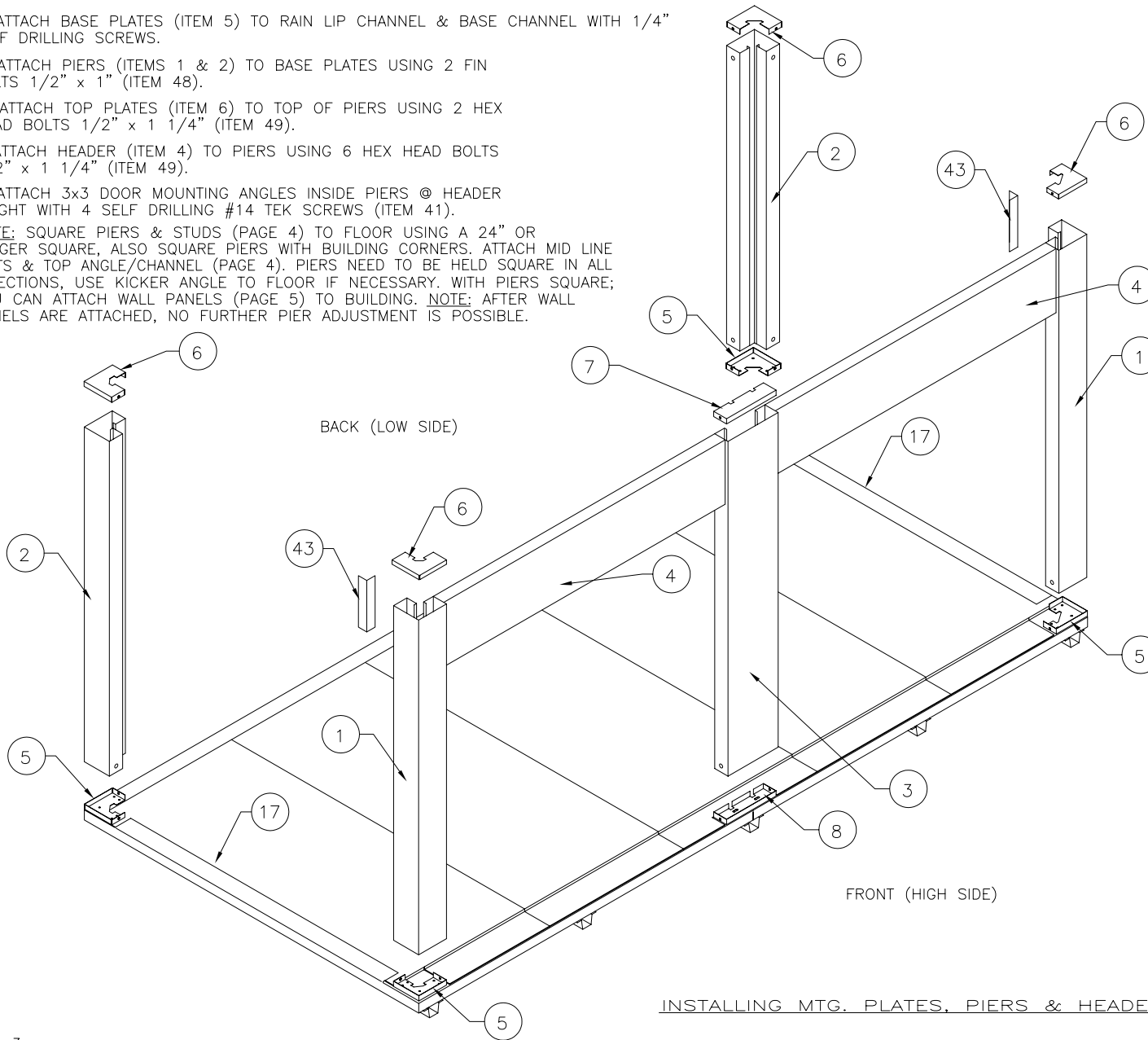
G: ATTACH PIERS (ITEMS 1 & 2) TO BASE PLATES USING 2 FIN HEAD BOLTS 1/2" x 1" (ITEM 48).

H: ATTACH TOP PLATES (ITEM 6) TO TOP OF PIERS USING 2 HEX HEAD BOLTS 1/2" x 1 1/4" (ITEM 49).

I: ATTACH HEADER (ITEM 4) TO PIERS USING 6 HEX HEAD BOLTS 1/2" x 1 1/4" (ITEM 49).

J: ATTACH 3x3 DOOR MOUNTING ANGLES INSIDE PIERS @ HEADER HEIGHT WITH 4 SELF DRILLING #14 TEK SCREWS (ITEM 41).

NOTE: SQUARE PIERS & STUDS (PAGE 4) TO FLOOR USING A 24" OR LARGER SQUARE, ALSO SQUARE PIERS WITH BUILDING CORNERS. ATTACH MID LINE GIRTS & TOP ANGLE/CHANNEL (PAGE 4). PIERS NEED TO BE HELD SQUARE IN ALL DIRECTIONS, USE KICKER ANGLE TO FLOOR IF NECESSARY. WITH PIERS SQUARE; YOU CAN ATTACH WALL PANELS (PAGE 5) TO BUILDING. **NOTE:** AFTER WALL PANELS ARE ATTACHED, NO FURTHER PIER ADJUSTMENT IS POSSIBLE.



INSTALLING MTG. PLATES, PIERS & HEADERS

ITEM	DESCRIPTION	QTY	PART No.
1	PIER,CORNER 9"x102.25"	2	U650022-09
2	PIER, CORNER 9"x 99"	2	U650022-09
3	PIER, DBL. 18"x 102.25"	1	U650017-09
4	HEADER 102" x 18.25"	2	U650007-20
5	BASE PLATE, CORNER	4	U650309-09
6	TOP PLATE, CORNER	4	U650065-09
7	TOP PLATE, 18" DBL.	1	U650052-18
8	BASE PLATE, 18" DBL.	1	U650053-18
9	FLOOR SUPPORT HATS	5	U650297-120
10	TRIM ANGLE OUTSIDE, VERTICAL	4	U650368-99
10A	TRIM ANGLE INSIDE, VERTICAL	4	U650369-99
11	TRIM ANGLE OUTSIDE, VERTICAL	2	U650368-101.5
11A	TRIM ANGLE INSIDE, VERTICAL	2	U650369-101.5
12	SCULPTURED RAKE 121"	2	U650288-120
13	RAKE END CAP	3	U650287
14	RAIN-LIP CHANNEL, 14ga.x120"	2	U650298-120
15	BASE CHANNEL, BACK 14ga.x120"	2	U650299-120
16	WALL DRIP EDGE ZEE, SIDE 101.75	2	U650301-102
16	WALL DRIP EDGE ZEE, BACK 110.88	2	U650301-111
17	BASE ANGLE, SIDE 5x3x120	2	U650300-120
18	TOP CAP, BACKWALL 110.875	2	U650302-111
19	TOP ANGLE, SIDE 3x3x101.75	2	U650303-102
20R	DIAMOND PLATE 48" Right Notch	1	U650306-R-115.25
20S	DIAMOND PLATE 48" Standard	2	U650306-115.25
20C	DIAMOND PLATE 48" Center Notch	1	U650306-C-115.25
20L	DIAMOND PLATE 48" Left Notch	1	U650306-L-115.25
21	CLIP ANGLE, HORIZONTAL GIRTS	16	U650305
22	CLIP ANGLE, STUDS TO FLOOR	12	U220004
23	TOP TRIM ANGLE, SIDE 3x3x26ga.	1	U450209-00-120
23A	TOP TRIM CHANNEL, SIDE 3x2x1.25	1	U450879-00-120
24	TOP TRIM ANGLE, BACK 2x1x26ga.	2	U450783-00-120
25	D-PANEL PAINTED, BACK WALL 98.5	13	U230100-20-98.5
26	D-PANEL PAINTED, SIDE WALL 99.25	4	U230100-20-99.25
27	D-PANEL PAINTED, SIDE WALL 100.5	4	U230100-20-100.5
28	STUD, BACK WALL 2 x 4 x 98.75	3	U530030-98.75
29	STUD, SIDE WALL 2 x 4 x 100	3	U530030-100.0
30	GIRT, HORIZONTAL 4 x 2 x 53.75	4	U530030-53.75
31	GIRT, HORIZONTAL 4 x 2 x 49.75	4	U530030-49.75
32	STUD 2.5x 20ga. x 98 Long	1	U530002-98
33	STUD 2.5x 20ga. x 101 Long	1	U530002-101
34	ZEE PURLIN, 6x2x238x16ga.	1	U530031-238
35	N-DECK 3x24x240x22ga.	5	U530045-240
36	29ga. PARTITION PANEL, 36x111	3	U530021-111
37	R-ROOFING PANEL, 36x123	6	U530046-123
37A	R-ROOFING PANEL, 23.5x123	1	U530046-123
38	CLOSURE STRIP, R-PNL #HW455	14	U530047
39	SEAM SEALER TAPE #HW505	3	U530048
40	SIMPSON CLIP 2x 1.5x 18ga.	2	U420001
41	SCREW, 1/4x3/4 HEX SELF DRILL	390	U210009
42	SCREW, #8 PAINTED HEX SELF DRILL	456	U410005-00
43	ANGLE, 3 x 3 x 16 DOOR MTG.	2	U650064-16
44	SCREW, 1/4x3/4 Rubber Washer (ROOF)	115	U610005
45	SCREW, #10x5/8" HEX HEAD SELF DRILL	40	U210152
46	SCREW, #8x1/2" PHILLIPS HEAD	200	U410022
47	SCREW TIP COVER, VINYL	70	U410006
48	BOLT, 1/2"-13 x 1" FIN TYPE	10	U610001
49	BOLT, 1/2"-13 x 1 1/4" HEX HEAD	22	U610002
50	NUT, HEX 1/2"-13	32	U610003
51	WASHER, FLAT 1/2"	60	U610004
52	BOLT, 3/8"-16 x 1 1/2" HEX HEAD	6	U210026
53	NUT, HEX 3/8"-16	6	U210045
54	ROLL UP DOOR 8'-6" x 7'-0"	2	MODEL 501

Part No. U690017 rev.6 09/15/04cdw



Rite-Away Installation Instructions

10' x 20' Unit (2)- 8'-6" Wide Rollup doors

L: ATTACH SIDE AND BACK WALL DRIP EDGE (16) WITH 1/4" SELF DRILLING SCREWS AT BOTH ENDS AND EVERY 24" O.C.
M: LOCATE FLOOR CLIPS (ITEM 22) 13/16" FROM OUTER EDGE OF DECK. ATTACH WITH 2 SELF DRILLING 1/4" SCREWS.

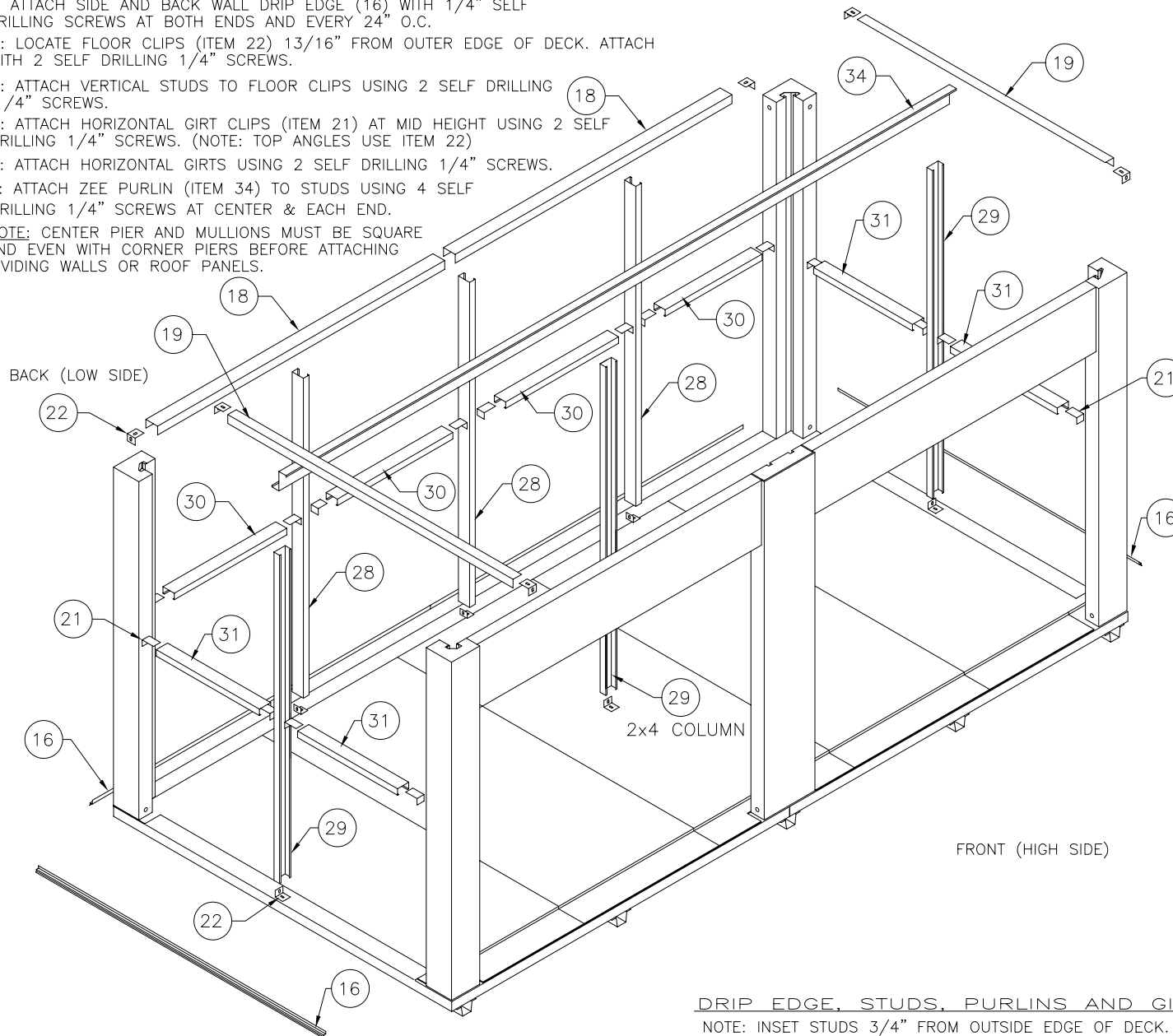
N: ATTACH VERTICAL STUDS TO FLOOR CLIPS USING 2 SELF DRILLING 1/4" SCREWS.

O: ATTACH HORIZONTAL GIRTS CLIPS (ITEM 21) AT MID HEIGHT USING 2 SELF DRILLING 1/4" SCREWS. (NOTE: TOP ANGLES USE ITEM 22)

P: ATTACH HORIZONTAL GIRTS USING 2 SELF DRILLING 1/4" SCREWS.

Q: ATTACH ZEE PURLIN (ITEM 34) TO STUDS USING 4 SELF DRILLING 1/4" SCREWS AT CENTER & EACH END.

NOTE: CENTER PIER AND MULLIONS MUST BE SQUARE AND EVEN WITH CORNER PIERS BEFORE ATTACHING DIVIDING WALLS OR ROOF PANELS.



DRIP EDGE, STUDS, PURLINS AND GIRTS

NOTE: INSET STUDS 3/4" FROM OUTSIDE EDGE OF DECK.

ITEM	DESCRIPTION	QTY	PART No.
1	PIER,CORNER 9"x102.25"	2	U650022-09
2	PIER, CORNER 9"x 99"	2	U650022-09
3	PIER, DBL. 18"x 102.25"	1	U650017-09
4	HEADER 102" x 18.25"	2	U650007-20
5	BASE PLATE, CORNER	4	U650309-09
6	TOP PLATE, CORNER	4	U650065-09
7	TOP PLATE, 18" DBL.	1	U650052-18
8	BASE PLATE, 18" DBL.	1	U650053-18
9	FLOOR SUPPORT HATS	5	U650297-120
10	TRIM ANGLE OUTSIDE, VERTICAL	4	U650368-99
10A	TRIM ANGLE INSIDE, VERTICAL	4	U650369-99
11	TRIM ANGLE OUTSIDE, VERTICAL	2	U650368-101.5
11A	TRIM ANGLE INSIDE, VERTICAL	2	U650369-101.5
12	SCULPTURED RAKE 121"	2	U650288-120
13	RAKE END CAP	3	U650287
14	RAIN-LIP CHANNEL, 14ga.x120"	2	U650298-120
15	BASE CHANNEL, BACK 14ga.x120"	2	U650299-120
16	WALL DRIP EDGE ZEE, SIDE 101.75	2	U650301-102
16	WALL DRIP EDGE ZEE, BACK 110.88	2	U650301-111
17	BASE ANGLE, SIDE 5x3x120	2	U650300-120
18	TOP CAP, BACKWALL 110.875	2	U650302-111
19	TOP ANGLE, SIDE 3x3x101.75	2	U650303-102
20	DIAMOND PLATE 48" Right Notch	1	U650306-R-115.25
20S	DIAMOND PLATE 48" Standard	2	U650306-115.25
20C	DIAMOND PLATE 48" Center Notch	1	U650306-C-115.25
20L	DIAMOND PLATE 48" Left Notch	1	U650306-L-115.25
21	CLIP ANGLE, HORIZONTAL GIRTS	16	U650305
22	CLIP ANGLE, STUDS TO FLOOR	12	U220004
23	TOP TRIM ANGLE, SIDE 3x3x26ga.	1	U450209-00-120
23A	TOP TRIM CHANNEL, SIDE 3x2x1.25	1	U450879-00-120
24	TOP TRIM ANGLE, BACK 2x1x26ga.	2	U450783-00-120
25	D-PANEL PAINTED, BACK WALL 98.5	13	U230100-20-98.5
26	D-PANEL PAINTED, SIDE WALL 99.25	4	U230100-20-99.25
27	D-PANEL PAINTED, SIDE WALL 100.5	4	U230100-20-100.5
28	STUD, BACK WALL 2 x 4 x 98.75	3	U530030-98.75
29	STUD, SIDE WALL 2 x 4 x 100	3	U530030-100.0
30	GIRT, HORIZONTAL 4 x 2 x 53.75	4	U530030-53.75
31	GIRT, HORIZONTAL 4 x 2 x 49.75	4	U530030-49.75
32	STUD 2.5x 20ga. x 98 Long	1	U530002-98
33	STUD 2.5x 20ga. x 101 Long	1	U530002-101
34	ZEE PURLIN, 6x2x238x16ga.	1	U530031-238
35	N-DECK 3x24x240x22ga.	5	U530045-240
36	29ga. PARTITION PANEL, 36x111	3	U530021-111
37	R-ROOFING PANEL, 36x123	6	U530046-123
37A	R-ROOFING PANEL, 23.5x123	1	U530046-123
38	CLOSURE STRIP, R-PNL #HW455	14	U530047
39	SEAM SEALER TAPE #HW505	3	U530048
40	SIMPSON CLIP 2x 1.5x 18ga.	2	U420001
41	SCREW, 1/4x3/4 HEX SELF DRILL	390	U210009
42	SCREW, #8 PAINTED HEX SELF DRILL	456	U410005-00
43	ANGLE, 3 x 3 x 16 DOOR MTC.	2	U650064-16
44	SCREW,1/4x3/4 Rubber Washer (ROOF)	115	U610005
45	SCREW, #10x5/8" HEX HEAD SELF DRILL	40	U210152
46	SCREW, #8x1/2" PHILLIPS HEAD	200	U410022
47	SCREW TIP COVER, VINYL	70	U410006
48	BOLT, 1/2"-13 x 1" FIN TYPE	10	U610001
49	BOLT, 1/2"-13 x 1 1/4" HEX HEAD	22	U610002
50	NUT, HEX 1/2"-13	32	U610003
51	WASHER, FLAT 1/2"	60	U610004
52	BOLT, 3/8"-16 x 1 1/2" HEX HEAD	6	U210026
53	NUT, HEX 3/8"-16	6	U210045
54	ROLL UP DOOR 8'-6" x 7'-0"	2	MODEL 501

Part No. U690017 rev.6 09/15/04cdw



Rite-Away Installation Instructions

10' x 20' Unit (2)- 8'-6" Wide Rollup doors

GLOSS WHITE PANELS

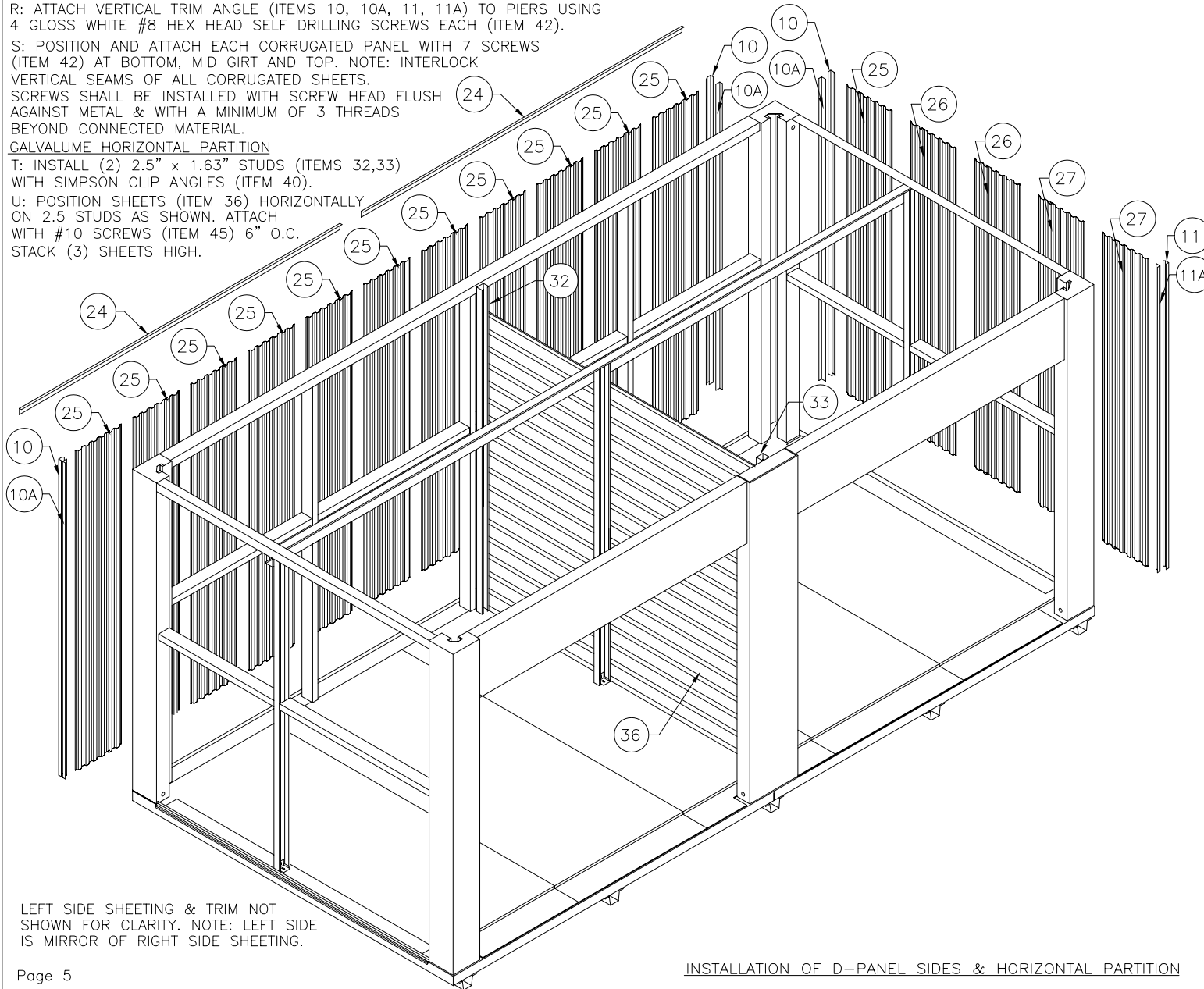
R: ATTACH VERTICAL TRIM ANGLE (ITEMS 10, 10A, 11, 11A) TO PIERS USING 4 GLOSS WHITE #8 HEX HEAD SELF DRILLING SCREWS EACH (ITEM 42).

S: POSITION AND ATTACH EACH CORRUGATED PANEL WITH 7 SCREWS (ITEM 42) AT BOTTOM, MID GIRT AND TOP. NOTE: INTERLOCK VERTICAL SEAMS OF ALL CORRUGATED SHEETS. SCREWS SHALL BE INSTALLED WITH SCREW HEAD FLUSH AGAINST METAL & WITH A MINIMUM OF 3 THREADS BEYOND CONNECTED MATERIAL.

GALVALUME HORIZONTAL PARTITION

T: INSTALL (2) 2.5" x 1.63" STUDS (ITEMS 32,33) WITH SIMPSON CLIP ANGLES (ITEM 40).

U: POSITION SHEETS (ITEM 36) HORIZONTALLY ON 2.5 STUDS AS SHOWN. ATTACH WITH #10 SCREWS (ITEM 45) 6" O.C. STACK (3) SHEETS HIGH.



LEFT SIDE SHEETING & TRIM NOT SHOWN FOR CLARITY. NOTE: LEFT SIDE IS MIRROR OF RIGHT SIDE SHEETING.

INSTALLATION OF D-PANEL SIDES & HORIZONTAL PARTITION

ITEM	DESCRIPTION	QTY	PART No.
1	PIER,CORNER 9"x102.25"	2	U650022-09
2	PIER, CORNER 9"x 99"	2	U650022-09
3	PIER, DBL. 18"x 102.25"	1	U650017-09
4	HEADER 102" x 18.25"	2	U650007-20
5	BASE PLATE, CORNER	4	U650309-09
6	TOP PLATE, CORNER	4	U650065-09
7	TOP PLATE, 18" DBL.	1	U650052-18
8	BASE PLATE, 18" DBL.	1	U650053-18
9	FLOOR SUPPORT HATS	5	U650297-120
10	TRIM ANGLE OUTSIDE, VERTICAL	4	U650368-99
10A	TRIM ANGLE INSIDE, VERTICAL	4	U650369-99
11	TRIM ANGLE OUTSIDE, VERTICAL	2	U650368-101.5
11A	TRIM ANGLE INSIDE, VERTICAL	2	U650369-101.5
12	SCULPTURED RAKE 121"	2	U650288-120
13	RAKE END CAP	3	U650287
14	RAIN-LIP CHANNEL, 14ga.x120"	2	U650298-120
15	BASE CHANNEL, BACK 14ga.x120"	2	U650299-120
16	WALL DRIP EDGE ZEE, SIDE 101.75	2	U650301-102
16	WALL DRIP EDGE ZEE, BACK 110.88	2	U650301-111
17	BASE ANGLE, SIDE 5x3x120	2	U650300-120
18	TOP CAP, BACKWALL 110.875	2	U650302-111
19	TOP ANGLE, SIDE 3x3x101.75	2	U650303-102
20R	DIAMOND PLATE 48" Right Notch	1	U650306-R-115.25
20S	DIAMOND PLATE 48" Standard	2	U650306-115.25
20C	DIAMOND PLATE 48" Center Notch	1	U650306-C-115.25
20L	DIAMOND PLATE 48" Left Notch	1	U650306-L-115.25
21	CLIP ANGLE, HORIZONTAL GIRTS	16	U650305
22	CLIP ANGLE, STUDS TO FLOOR	12	U220004
23	TOP TRIM ANGLE, SIDE 3x3x26ga.	1	U450209-00-120
23A	TOP TRIM CHANNEL, SIDE 3x2x1.25	1	U450879-00-120
24	TOP TRIM ANGLE, BACK 2x1x26ga.	2	U450783-00-120
25	D-PANEL PAINTED, BACK WALL 98.5	13	U230100-20-98.5
26	D-PANEL PAINTED, SIDE WALL 99.25	4	U230100-20-99.25
27	D-PANEL PAINTED, SIDE WALL 100.5	4	U230100-20-100.5
28	STUD, BACK WALL 2 x 4 x 98.75	3	U530030-98.75
29	STUD, SIDE WALL 2 x 4 x 100	3	U530030-100.0
30	GIRT, HORIZONTAL 4 x 2 x 53.75	4	U530030-53.75
31	GIRT, HORIZONTAL 4 x 2 x 49.75	4	U530030-49.75
32	STUD 2.5x 20ga. x 98 Long	1	U530002-98
33	STUD 2.5x 20ga. x 101 Long	1	U530002-101
34	ZEE PURLIN, 6x2x238x16ga.	1	U530031-238
35	N-DECK 3x24x240x22ga.	5	U530045-240
36	29ga. PARTITION PANEL, 36x111	3	U530021-111
37	R-ROOFING PANEL, 36x123	6	U530046-123
37A	R-ROOFING PANEL, 23.5x123	1	U530046-123
38	CLOSURE STRIP, R-PNL #HW455	14	U530047
39	SEAM SEALER TAPE #HW505	3	U530048
40	SIMPSON CLIP 2x 1.5x 18ga.	2	U420001
41	SCREW, 1/4x3/4 HEX SELF DRILL	390	U210009
42	SCREW, #8 PAINTED HEX SELF DRILL	456	U410005-00
43	ANGLE, 3 x 3 x 16 DOOR MTC.	2	U650064-16
44	SCREW, 1/4x3/4 Rubber Washer (ROOF)	115	U610005
45	SCREW, #10x5/8" HEX HEAD SELF DRILL	40	U210152
46	SCREW, #8x1/2" PHILLIPS HEAD	200	U410022
47	SCREW TIP COVER, VINYL	70	U410006
48	BOLT, 1/2"-13 x 1" FIN TYPE	10	U610001
49	BOLT, 1/2"-13 x 1 1/4" HEX HEAD	22	U610002
50	NUT, HEX 1/2"-13	32	U610003
51	WASHER, FLAT 1/2"	60	U610004
52	BOLT, 3/8"-16 x 1 1/2" HEX HEAD	6	U210026
53	NUT, HEX 3/8"-16	6	U210045
54	ROLL UP DOOR 8'-6" x 7'-0"	2	MODEL 501

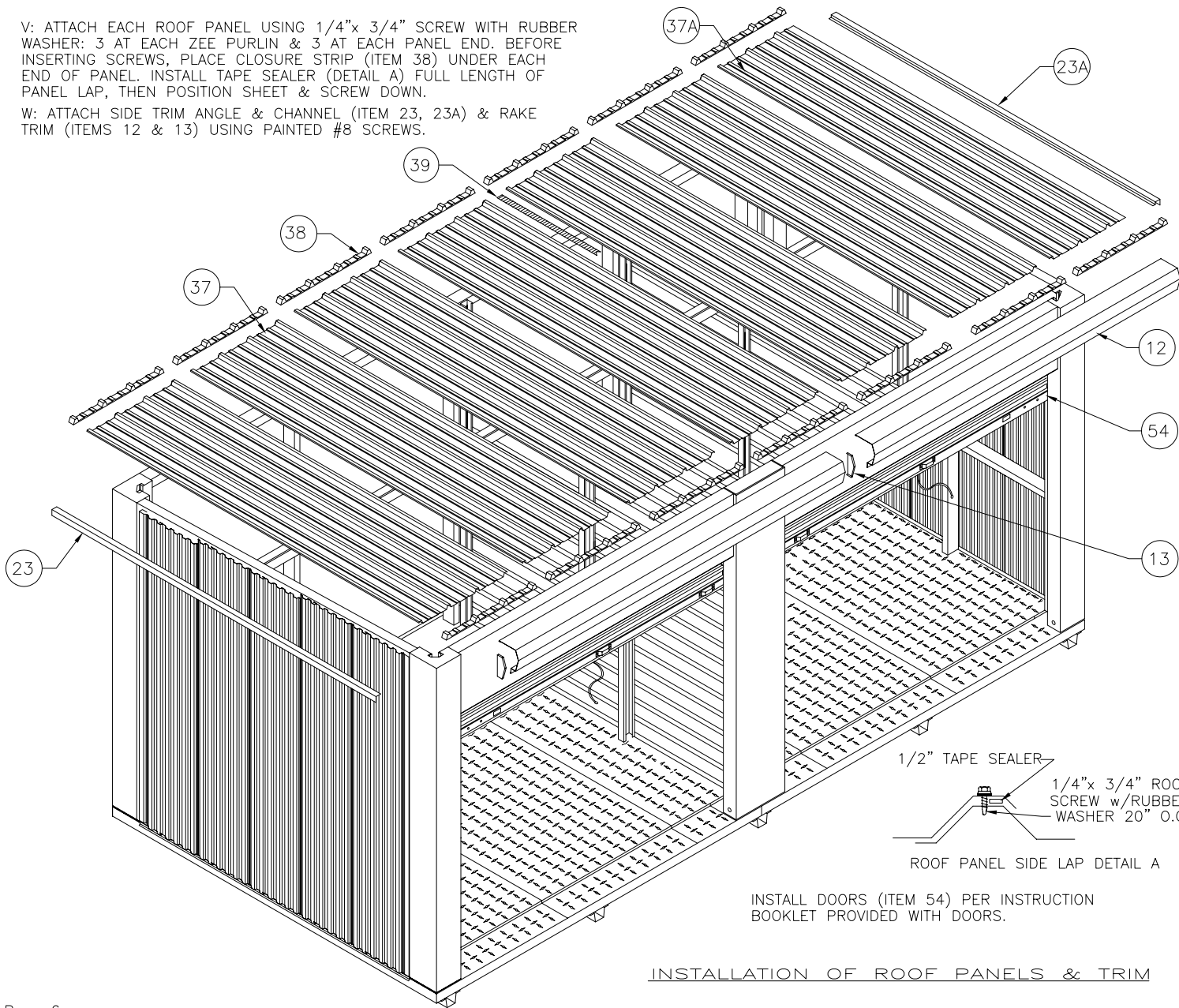


Rite-Away Installation Instructions

10' x 20' Unit (2)- 8'-6" Wide Rollup doors

V: ATTACH EACH ROOF PANEL USING 1/4"x 3/4" SCREW WITH RUBBER WASHER: 3 AT EACH ZEE PURLIN & 3 AT EACH PANEL END. BEFORE INSERTING SCREWS, PLACE CLOSURE STRIP (ITEM 38) UNDER EACH END OF PANEL. INSTALL TAPE SEALER (DETAIL A) FULL LENGTH OF PANEL LAP, THEN POSITION SHEET & SCREW DOWN.

W: ATTACH SIDE TRIM ANGLE & CHANNEL (ITEM 23, 23A) & RAKE TRIM (ITEMS 12 & 13) USING PAINTED #8 SCREWS.



INSTALLATION OF ROOF PANELS & TRIM

ITEM	DESCRIPTION	QTY	PART No.
1	PIER, CORNER 9"x102.25"	2	U650022-09
2	PIER, CORNER 9"x 99"	2	U650022-09
3	PIER, DBL. 18"x 102.25"	1	U650017-09
4	HEADER 102" x 18.25"	2	U650007-20
5	BASE PLATE, CORNER	4	U650309-09
6	TOP PLATE, CORNER	4	U650065-09
7	TOP PLATE, 18" DBL.	1	U650052-18
8	BASE PLATE, 18" DBL.	1	U650053-18
9	FLOOR SUPPORT HATS	5	U650297-120
10	TRIM ANGLE OUTSIDE, VERTICAL	4	U650368-99
10A	TRIM ANGLE INSIDE, VERTICAL	4	U650369-99
11	TRIM ANGLE OUTSIDE, VERTICAL	2	U650368-101.5
11A	TRIM ANGLE INSIDE, VERTICAL	2	U650369-101.5
12	SCULPTURED RAKE 121"	2	U650288-120
13	RAKE END CAP	3	U650287
14	RAIN-LIP CHANNEL, 14ga.x120"	2	U650298-120
15	BASE CHANNEL, BACK 14ga.x120"	2	U650299-120
16	WALL DRIP EDGE ZEE, SIDE 101.75"	2	U650301-102
16	WALL DRIP EDGE ZEE, BACK 110.88"	2	U650301-111
17	BASE ANGLE, SIDE 5x3x120"	2	U650300-120
18	TOP CAP, BACKWALL 110.875"	2	U650302-111
19	TOP ANGLE, SIDE 3x3x101.75"	2	U650303-102
20R	DIAMOND PLATE 48" Right Notch	1	U650306-R-115.25
20S	DIAMOND PLATE 48" Standard	2	U650306-115.25
20C	DIAMOND PLATE 48" Center Notch	1	U650306-C-115.25
20L	DIAMOND PLATE 48" Left Notch	1	U650306-L-115.25
21	CLIP ANGLE, HORIZONTAL GIRTS	16	U650305
22	CLIP ANGLE, STUDS TO FLOOR	12	U220004
23	TOP TRIM ANGLE, SIDE 3x3x26ga.	1	U450209-00-120
23A	TOP TRIM CHANNEL, SIDE 3x2x1.25"	1	U450879-00-120
24	TOP TRIM ANGLE, BACK 2x1x26ga.	2	U450783-00-120
25	D-PANEL PAINTED, BACK WALL 98.5"	13	U230100-20-98.5
26	D-PANEL PAINTED, SIDE WALL 99.25"	4	U230100-20-99.25
27	D-PANEL PAINTED, SIDE WALL 100.5"	4	U230100-20-100.5
28	STUD, BACK WALL 2 x 4 x 98.75"	3	U530030-98.75
29	STUD, SIDE WALL 2 x 4 x 100"	3	U530030-100.0
30	GIRT, HORIZONTAL 4 x 2 x 53.75"	4	U530030-53.75
31	GIRT, HORIZONTAL 4 x 2 x 49.75"	4	U530030-49.75
32	STUD 2.5x 20ga. x 98 Long	1	U530002-98
33	STUD 2.5x 20ga. x 101 Long	1	U530002-101
34	ZEE PURLIN, 6x2x238x16ga.	1	U530031-238
35	N-DECK 3x24x240x22ga.	5	U530045-240
36	29ga. PARTITION PANEL, 36x111"	3	U530021-111
37	R-ROOFING PANEL, 36x123"	6	U530046-123
37A	R-ROOFING PANEL, 23.5x123"	1	U530046-123
38	CLOSURE STRIP, R-PNL #HW455	14	U530047
39	SEAM SEALER TAPE #HW505	3	U530048
40	SIMPSON CLIP 2x 1.5x 18ga.	2	U420001
41	SCREW, 1/4x3/4 HEX SELF DRILL	390	U210009
42	SCREW, #8 PAINTED HEX SELF DRILL	456	U410005-00
43	ANGLE, 3 x 3 x 16 DOOR MTG.	2	U650064-16
44	SCREW, 1/4x3/4 Rubber Washer (ROOF)	115	U610005
45	SCREW, #10x5/8" HEX HEAD SELF DRILL	40	U210152
46	SCREW, #8x1/2" PHILLIPS HEAD	200	U410022
47	SCREW TIP COVER, VINYL	70	U410006
48	BOLT, 1/2"-13 x 1" FIN TYPE	10	U610001
49	BOLT, 1/2"-13 x 1 1/4" HEX HEAD	22	U610002
50	NUT, HEX 1/2"-13	32	U610003
51	WASHER, FLAT 1/2"	60	U610004
52	BOLT, 3/8"-16 x 1 1/2" HEX HEAD	6	U210026
53	NUT, HEX 3/8"-16	6	U210045
54	ROLL UP DOOR 8'-6" x 7'-0"	2	MODEL 501

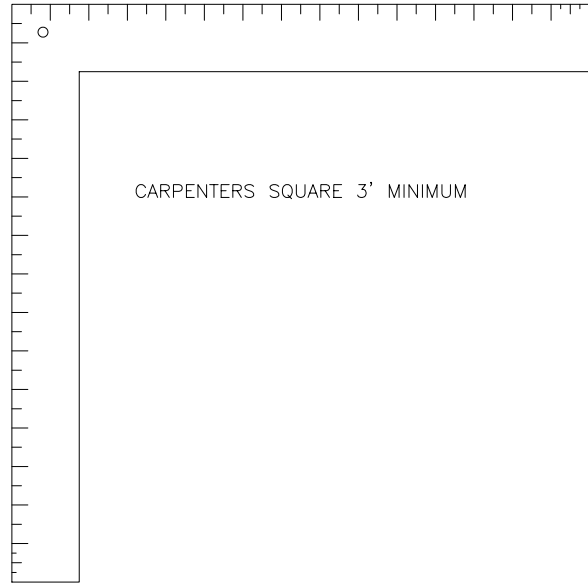
Part No. U690017 rev.6 09/15/04cdw



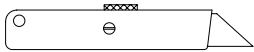
Rite-Away Installation Instructions

10' x 20' Unit (2)- 8'-6" Wide Rollup doors

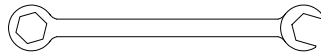
RECOMMENDED TOOLS FOR ASSEMBLY



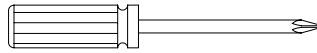
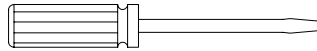
CARPENTERS SQUARE 3' MINIMUM



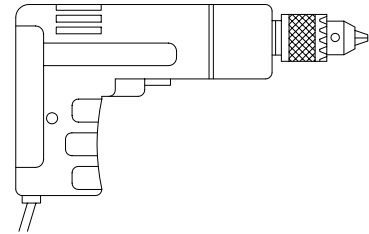
UTILITY KNIFE



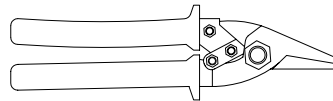
ASSORTED OPEN END WRENCHES INCLUDING 11/16"



SCREW DRIVERS



DRILL OR SCREW GUN w/ HEX HEAD & PHILLIPS BITS



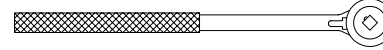
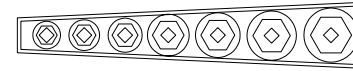
SHEET METAL SNIPS



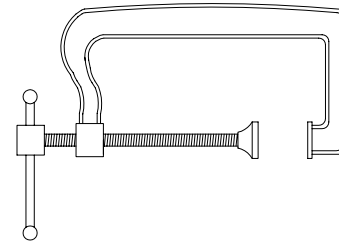
WISE GRIPS



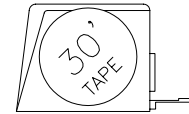
LINE UP TOOL



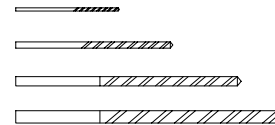
1/2 DRIVE SOCKETS UP TO 1" DIAMETER & 1/2" DRIVE RATCHET



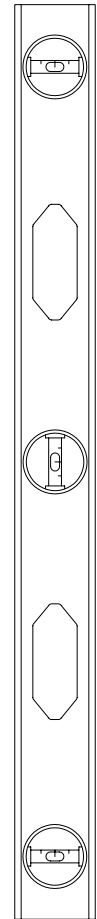
(4) C-CLAMPS OR WELDER'S VISE GRIPS



30' MINIMUM LENGTH TAPE MEASURE



DRILL BIT SET UP TO 3/8" DIAMETER



4' LEVEL

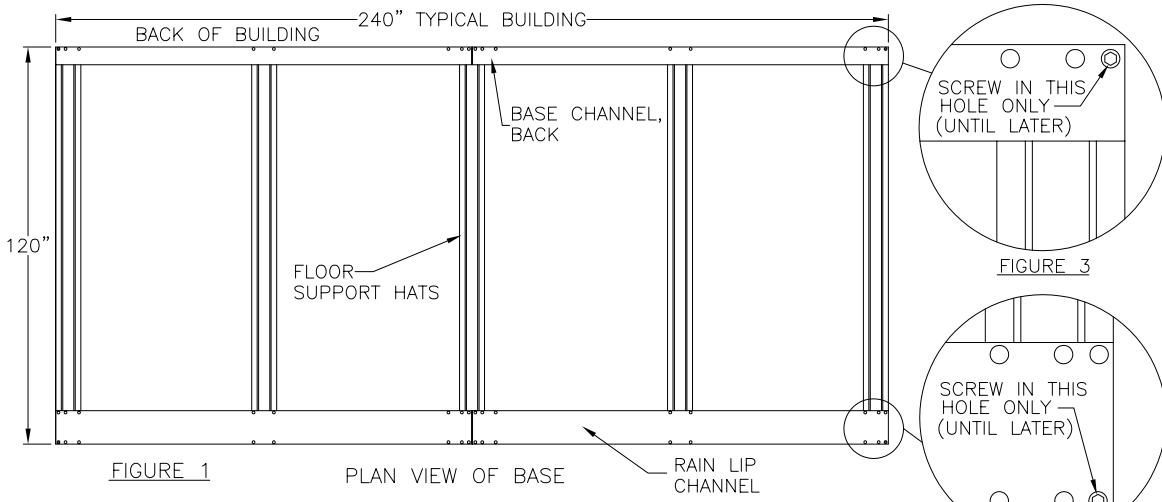


FIGURE 1

PLAN VIEW OF BASE

RAIN LIP CHANNEL

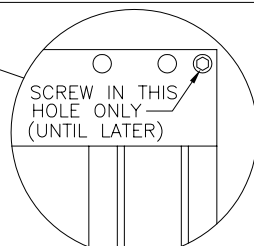


FIGURE 3

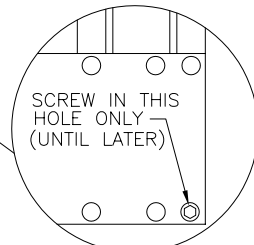


FIGURE 2

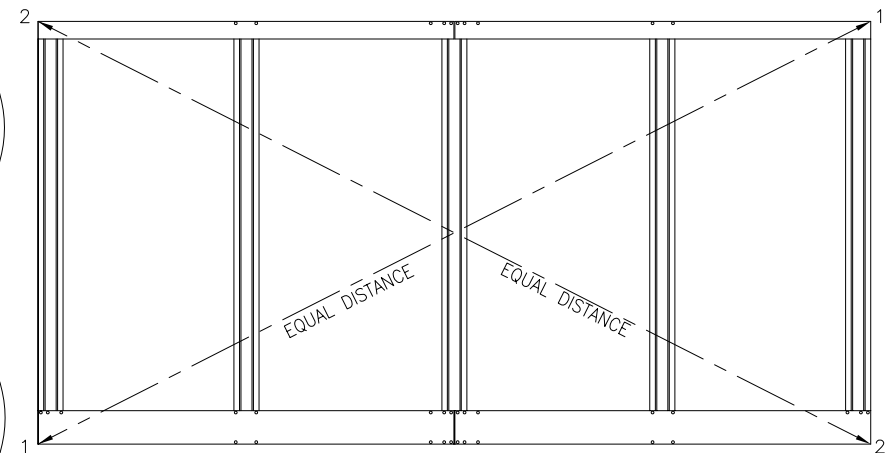


FIGURE 4

PLAN VIEW OF BASE

STEP 1: BUILDING THE BASE ASSEMBLY

ATTACH FLOOR SUPPORT HATS TO RAIN LIP CHANNEL AND BASE CHANNEL BACK (SEE FIG. 1) ATTACH WITH ONE SCREW ONLY ON OUTSIDE CORNER OF EACH SUPPORT BOTH FRONT AND BACK (FIG. 2 & 3) NOTE: IF YOU ARE ASSEMBLING A BUILDING WITH DOORS ON BOTH SIDES (PART No. U690020) USE RAIN LIP CHANNELS ON BOTH SIDES OF BUILDING, NO BASE CHANNEL BACK PARTS WILL BE USED. NOW CHECK BASE FOR SQUARE BY MEASURING DIAGONALLY FROM CORNER TO CORNER (SEE FIG. 4) DISTANCE 1-1 SHOULD EQUAL DISTANCE 2-2. IF NOT, ADJUST BASE.

NOW PLACE #14 SCREWS IN ALL HOLES OF BACK CHANNEL AND ALL HOLES IN FRONT ROW OF RAIN LIP CHANNEL. LEVEL THE BUILDING FRAME IN POSITION ON YOUR SITE.

SEE SHEET 2B FOR INSTALLATION OF OPTIONAL ADJUSTABLE FEET.

STEP 2: INSTALLING FIRST SHEET OF N-DECK SHEETING

PLACE A SHEET OF N-DECK ON FRAME AND PLACE UNDER INSIDE LEG OF RAIN LIP CHANNEL(S) (SEE FIG. 5). POSITION DECK SHEET SO IT IS EVEN WITH FLOOR SUPPORTS ON BOTH ENDS, NOW INSTALL SCREWS IN ALL INSIDE HOLES OF RAIN LIP CHANNEL. NOTE: SCREWS WILL ALSO ATTACH DECK SHEET TO FRAME. IF BUILDING HAS DOORS ON BOTH SIDES; REPEAT THIS STEP FOR THE BACKSIDE RAIN LIP CHANNEL.

STEP 3: INSTALLING THE REMAINING N-DECK SHEETS

PLACE THE REMAINING SHEETS OF N-DECK ON THE FLOOR SUPPORTS. OVERLAP ONE SHEET (SEE FIG. 6). SQUARE DECK SHEETS TO SUPPORTS; KEEPING ENDS EVEN WITH BOTH EDGES OF OUTSIDE SUPPORT HATS. PLACE BACK SHEET UNDER "BASE CHANNEL BACK" (SEE FIG 7). NOW ATTACH DECK SHEETS TO FLOOR SUPPORTS WITH #14 1/4"x 3/4" SELF DRILLING SCREWS. USE (8) SCREWS AT EACH SUPPORT HAT FOR EACH PIECE OF DECK, OR (2) SCREWS AT ALL LOW CORRUGATION SURFACES (LOW RIBS) OF N-DECK.

STEP 4: DIAMOND PLATE INSTALLATION

POSITION DIAMOND PLATE FLOOR SHEETS ON N-DECK AS SHOWN ON PAGE 2. ATTACH DIAMOND PLATE SHEETS TO DECK WITH #8 1/8"x 1/2" ROUND HEAD PHILLIPS DRIVE SCREWS (SEE FIG 8). NOTE: IF YOU ARE ASSEMBLING A BUILDING WITH DOORS ON BOTH SIDES, THE DIAMOND PLATE IS NOTCHED AND OFFSET ON BOTH ENDS.

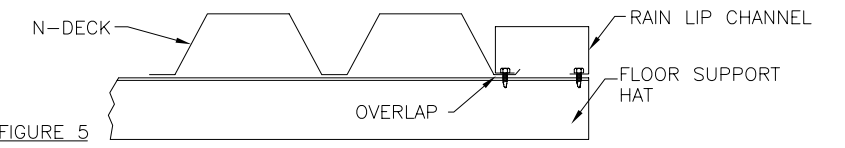


FIGURE 5

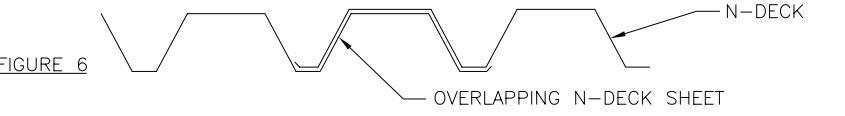


FIGURE 6

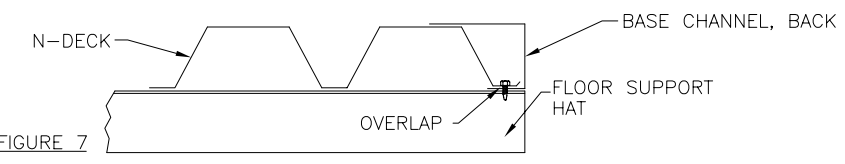


FIGURE 7

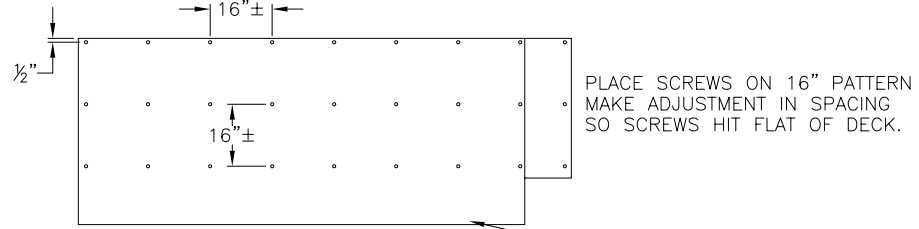


FIGURE 8

PLACE SCREWS ON 16" PATTERN MAKE ADJUSTMENT IN SPACING SO SCREWS HIT FLAT OF DECK.

OMIT SCREWS ON PERIMETER OF END SHEETS ONLY



Rite-Away Installation Instructions

Side Entry Building: Supplementary

STEP 1a: INSTALLING THE ADJUSTABLE FEET

SCREW A BOLT & WASHER WELDAMENT INTO EACH OF THE NUTS LOCATED ON THE BOTTOM OF FLOOR SUPPORT HATS. SCREW THE BOLTS IN 1/2 OF THEIR THREAD LENGTH AS SHOWN (SEE FIG. 1a).

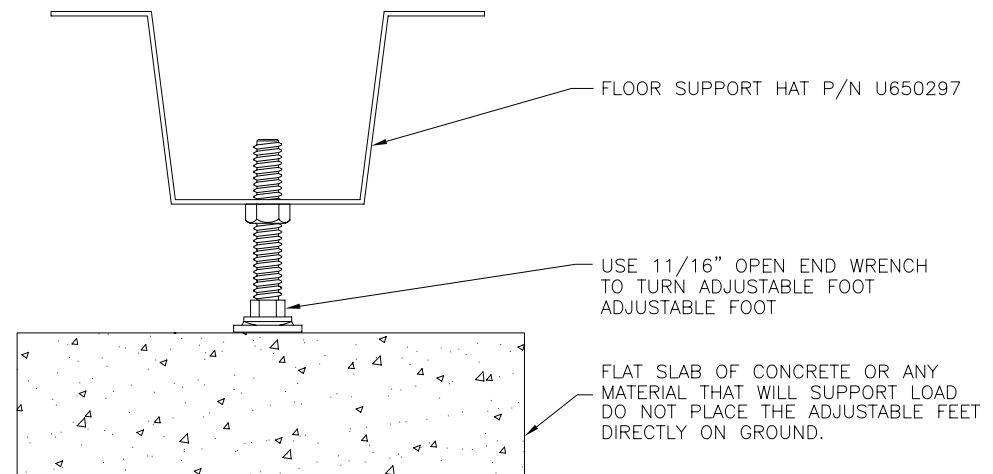


FIGURE 1A

NOTE: PROTECTIVE PLASTIC MAY BE PEELED BACK IN ATTACHMENT AREAS ONLY AT THIS TIME. LEAVE ALL OTHER AREAS COVERED FOR PROTECTION UNTIL BUILDING IS COMPLETE.
ALL FIGURES SHOWN AT RIGHT ARE IN "PLAN VIEW" LOOKING DOWN FROM ABOVE.

STEP 5: CORNER BASE PLATES

ATTACH CORNER BASE PLATES (SEE FIG. 9) WITH (5) 1/4x 3/4 HEX HEAD SELF DRILLING SCREWS FOR EACH PLATE. ONE BASE PLATE IS REQUIRED AT EACH CORNER OF BUILDING.

STEP 6: CENTER PIER BASE PLATE

POSITION AND ATTACH 18" BASE PLATE IN CENTER OF FRONT WALL. ATTACH USING (4) 1/4x 3/4 HEX HEAD SELF DRILLING SCREWS (SEE FIG. 10). NOTE: 18" BASE PLATE IS REQUIRED AT FRONT WALL ONLY UNLESS YOU HAVE BUILDING U690020 OR SIMILAR BUILDING WITH DOORS ON BOTH SIDES OF BUILDING.

STEP 7: PIERS

BOLT PIERS TO BASE PLATES USING 1/2x 1 FLAT HEAD FIN BOLTS (SEE FIG. 11). PIERS USED AT FRONT WALL ARE A DIFFERENT LENGTH THAN THOSE USED AT BACK WALL (SEE PAGE 3 FOR CORRECT LENGTH). LEAVE FASTENERS FINGER TIGHT UNTIL FINAL SQUARING.

STEP 8: HEADERS

BOLT HEADERS TO PIERS USING (3) 1/2x 1 1/4 HEX HEAD BOLTS ON EACH END OF HEADER. USE A FLAT WASHER ON BOTH PIER AND HEADER SIDES. ALIGN TOP OF HEADER WITH TOP OF PIERS PRIOR TO FINAL TIGHTENING OF BOLTS. NOTE: IF YOU HAVE BUILDING U690020 OR SIMILAR BUILDING WITH HEADERS ON BOTH FRONT AND BACK OF BUILDING, CHECK PAGE 3 FOR THE CORRECT SIZE HEADERS (SEE FIG. 12).

STEP 9: MULLIONS

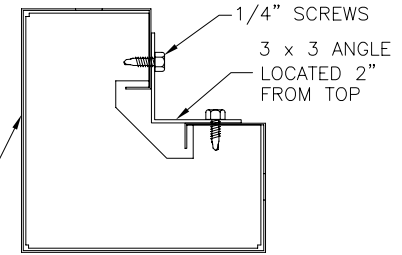
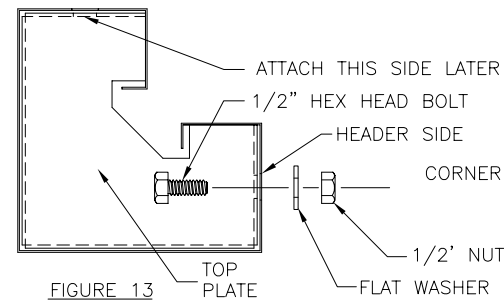
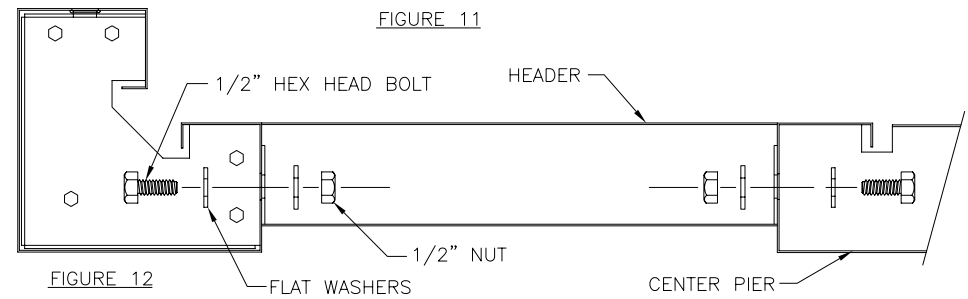
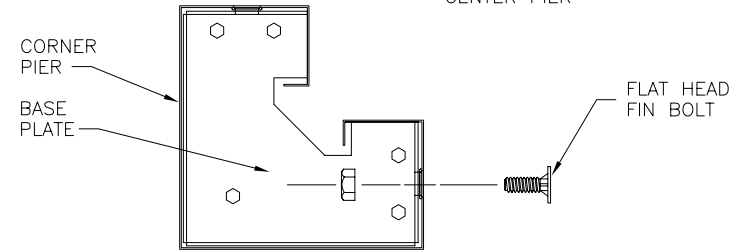
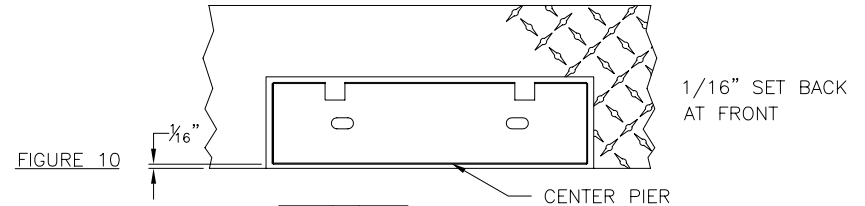
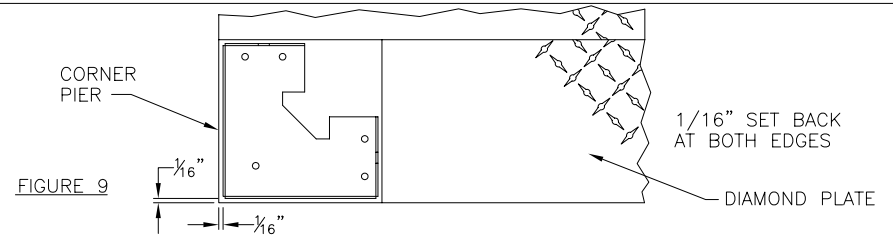
BUILDINGS WITHOUT MULLIONS: PROCEED TO STEP 10.
ATTACH THE MULLION BASE AND TOP PLATES TO THE MULLION USING 1/2x 1 FLAT HEAD FIN BOLTS. PLATES SHOULD BE FLUSH WITH TOP AND BOTTOM OF MULLION BEFORE TIGHTENING BOLTS. NOW PLACE MULLION INTO CENTER OF OPENING, WITH EQUAL DISTANCES AT BOTH TOP AND BOTTOM OF MULLION. LINE FACE OF MULLION 1" BACK FROM EDGE OF DIAMOND PLATE AND FLUSH WITH FRONT EDGE OF HEADER. ATTACH EACH PLATE WITH (2) 1/4x 3/4 SELF DRILLING SCREWS. REPEAT STEP ABOVE FOR ANY ADDITIONAL MULLIONS.

STEP 10: TOP PLATES

ATTACH TOP PLATES TO THE PIERS THAT HAVE HEADERS BOLTED TO THEM USING 1/2x 1 1/4 HEX HEAD BOLTS, NUT AND (2) FLAT WASHERS. BOLT TOP CORNER PLATE WITH (1) BOLT ON THE SAME SIDE AS HEADER IS ATTACHED (SEE FIG. 13). REMAINING FASTENERS AND TOP PLATES WILL BE INSTALLED AT A LATER TIME.

STEP 11: DOOR MOUNTING ANGLES

ATTACH THE 3 x 3 x 16" LONG DOOR MOUNTING ANGLES TO TOP OF CORNER PIERS LOCATED AT ROLL UP DOOR OPENINGS. POSITION 2" FROM TOP OF PIER (SEE FIG. 14).



STEP 12: DRIP EDGES

ATTACH WALL DRIP EDGE PIECES TO SIDE AND BACK WALLS. BACK WALL REQUIRES (2) PIECES 110 7/8" LONG. SIDE WALLS REQUIRE (1) PIECE 101 3/4" LONG. ATTACH WITH 1/4x 3/4 HEX HEAD SELF DRILLING SCREWS (SEE FIG. 15).
NOTE: IF YOU ARE ASSEMBLING BUILDING U690020 THE BACK WALL DOES NOT REQUIRE DRIP EDGE.

STEP 13: SETTING FLOOR CLIP ANGLES

USING ONE OF THE SIDE GIRTS AS A "SPACER" LOCATE THE FLOOR CLIP ANGLE FOR THE SIDE WALL STUDS. USE THE SAME PROCEDURE FOR THE CENTER WALL AND BACK WALL (IF ERECTING BUILDING U690020 STUDS ARE NOT REQUIRED FOR BACK WALL). ATTACH EACH CLIP WITH (2) 1/4x 3/4 HEX HEAD SELF DRILLING SCREWS (SEE FIGURES 16, 16A AND 16B).

STEP 14: ERECTING STUDS

ATTACH THE 4"x 2" VERTICAL STUDS TO FLOOR CLIPS USING (2) 1/4x 3/4 HEX HEAD SELF DRILLING SCREWS (SEE FIG. 17). NOTE: SEE PAGE 4 FOR CORRECT STUD LENGTHS.

STEP 15: INSTALLING GIRTS CLIPS

ATTACH HORIZONTAL GIRT CLIPS TO BOTH SIDES OF EACH STUD. LOCATE TOP SIDE OF CLIP 50" FROM FLOOR (SEE FIG. 18) AND PAGE 4 OF INSTRUCTIONS TO DETERMINE WHICH CORNER PIERS RECEIVE CLIPS.

STEP 16: INSTALLING GIRTS

ATTACH HORIZONTAL GIRTS USING (2) 1/4x 3/4 HEX HEAD SELF DRILLING SCREWS AT EACH END. YOU SHOULD HAVE APPROXIMATELY 1/8" CLEARANCE BETWEEN STUD AND END OF GIRT (FIG. 20). NOTE: BEFORE ATTACHING LAST GIRT ON EACH WALL BE SURE TO CHECK DISTANCE BETWEEN CORNER PIERS (SEE FIG. 21).

STEP 17: ZEE PURLINS

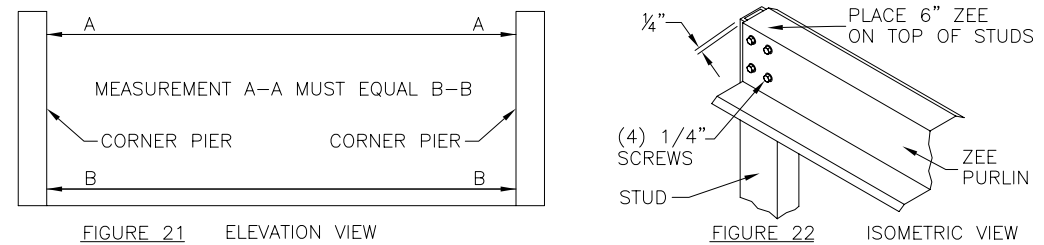
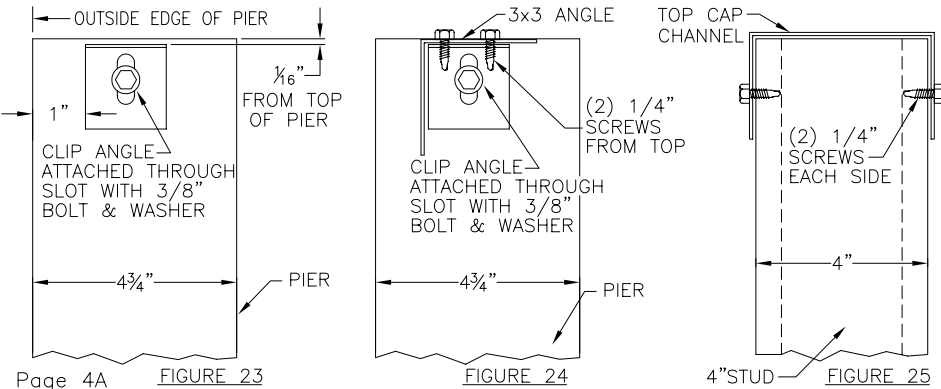
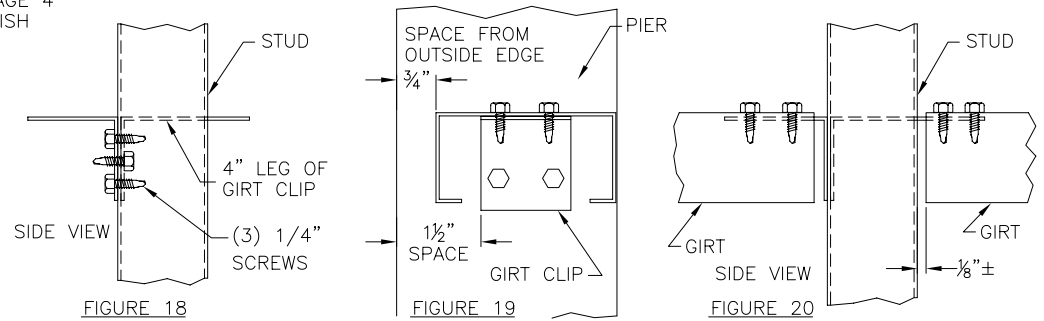
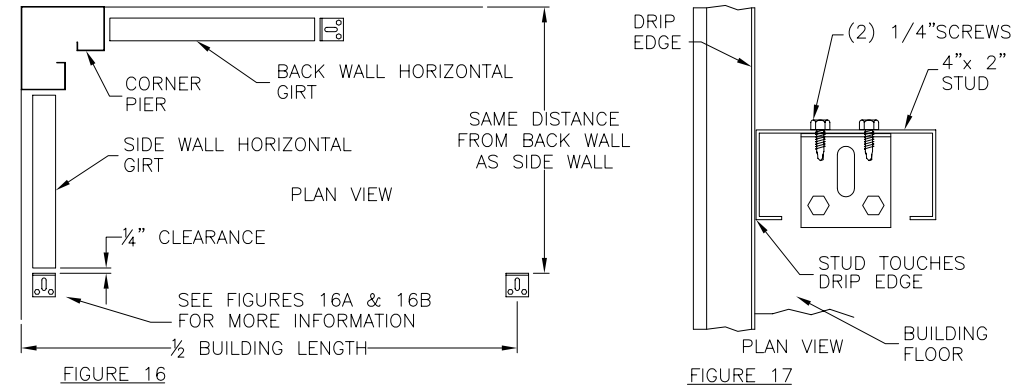
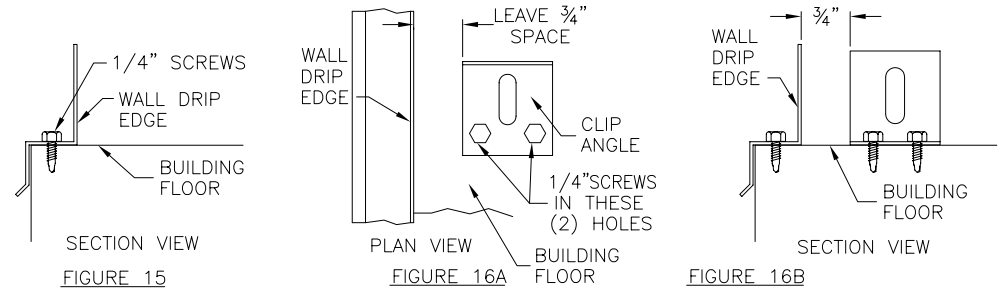
ATTACH 6" ZEE PURLIN TO VERTICAL STUDS LOCATED AT CENTER LINE OF BUILDING. FASTEN WITH (4) 1/4x 3/4 HEX HEAD SELF DRILLING SCREWS AT EACH STUD. ZEE IS TO SET 1/4" IN FROM OUTSIDE EDGE OF STUDS. BEFORE FASTENING TO CENTER STUD, BE SURE SPACE BETWEEN OUTSIDE STUDS AND CENTER STUD ARE THE SAME AT FLOOR LEVEL AS IT IS AT THE TOP ROOF LEVEL, THE STUDS MUST BE PLUMB (SEE FIG. 22).

STEP 18: INSTALLING TOP ANGLE CLIPS

ATTACH A CLIP ANGLE U22004 AT TOP CORNER OF OUTSIDE CORNER PIERS (SEE FIG. 23 AND PAGE 4 OF INSTRUCTIONS TO DETERMINE WHICH CORNER PIERS RECEIVE CLIPS). NOW IS THE TIME TO FINISH INSTALLING CORNER PIER TOP PLATES PARTIALLY INSTALLED IN STEP 10.

STEP 19: INSTALLING TOP ANGLE AND BACK WALL TOP CAP

FASTEN TOP ANGLE TO CLIPS WITH (2) 1/4x 3/4 HEX HEAD SELF DRILLING SCREWS AT EACH END (SEE FIG. 24 FOR PLACEMENT).
FASTEN TOP CAP CHANNEL TO EACH STUD WITH (4) 1/4x 3/4 HEX HEAD SELF DRILLING SCREWS AND END CLIPS WITH (2) 1/4x 3/4 HEX HEAD SELF DRILLING SCREWS (SEE FIG. 25).



Page 4A FIGURE 23

FIGURE 24

FIGURE 25

FIGURE 21 ELEVATION VIEW

FIGURE 22 ISOMETRIC VIEW



Rite-Away Installation Instructions

Side Entry Building: Supplementary

Part No. U690033

STEP 20: CORNER TRIM ANGLES

ATTACH OUTSIDE TRIM ANGLE TO THE CORNER PIERS THAT HAVE WALL PANELS ABUTTING THEM. APPLY SEALER TAPE U530048 TO SIDE OF ANGLE BEFORE FASTENING. ATTACH THE INSIDE TRIM ANGLE TO SANDWICH 5/8" WALL (SEE FIG. 26). SEE PAGE 5 FOR PANEL LOCATIONS AND TRIM ANGLE LENGTHS.

STEP 21: VERTICAL WALL D-PANELS

START AT ANY CORNER RECEIVING D-PANEL AND ATTACH THE FIRST PANEL (SEE FIGS. 27 & 28). REFER TO PAGE 5 FOR CORRECT PANEL LENGTHS TO USE AS PANEL LENGTH DIFFERS DEPENDING ON LOCATION. PLACE A FOAM RUBBER CLOSURE ON INSIDE OF SHEET AT THE TOP AND BOTTOM ENDS OF THE SHEET. BEFORE ATTACHING FIRST PANEL; CONFIRM PIER IS SQUARE TO FLOOR (USE A 36" CARPENTER SQUARE FOR THIS). ATTACH SHEET WITH (9) PAINTED 1/4" RUBBER WASHER SCREWS.

STEP 22: INSTALLING REMAINING D-PANELS

COMPLETE ALL REMAINING WALLS SIMILAR TO STEP 21, REMEMBER TO SQUARE PIERS PRIOR TO ATTACHING PANEL.

STEP 23: TOP TRIM ANGLE

INSTALL 2"x 1" TOP TRIM ANGLE ON TOP OF BACK WALL WITH COLOR MATCHING #8 SCREWS (SEE FIG. 29).

STEP 24: PARTITION STUDS

INSTALLATION OF HORIZONTAL PARTITION STUDS: INSTALL A 2 1/2" VERTICAL STUD IN CENTER OF 18" PIER BY ATTACHING IT TO PIER TOP AND BASE PLATES. INSTALL A 2 1/2" STUD AT BACK WALL WITH A 2"x 1 1/2" CLIP ANGLE AT FLOOR AND #10 SCREWS INTO GIRD AND TOP CHANNEL. ATTACH THE CENTER 4" STUD TO FLOOR WITH 2" CLIP ANGLE AND TO ZEE PURLIN AT TOP (SEE FIG. 30).

STEP 25: GALVALUME PARTITION

ATTACH 32" PARTITION SHEETS TO STUDS USING #10 SCREWS (4) PER SHEET AT EACH STUD. OVERLAP TOP TWO SHEETS AS REQUIRED (SEE FIG. 31). NOTE: MAKE SURE PIERS ARE SQUARE PRIOR TO ATTACHING SHEETS.

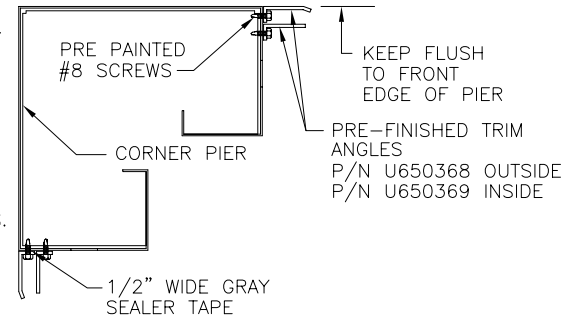


FIGURE 26

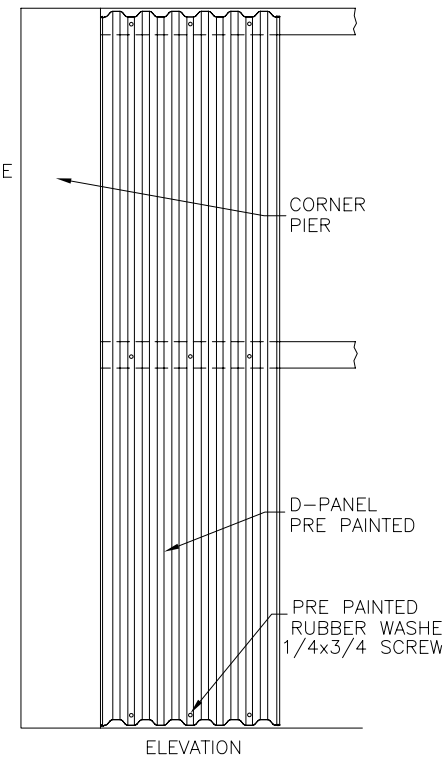


FIGURE 27

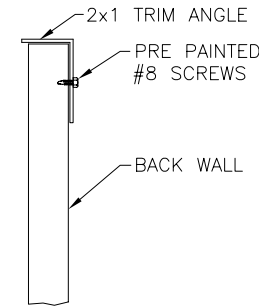


FIGURE 29

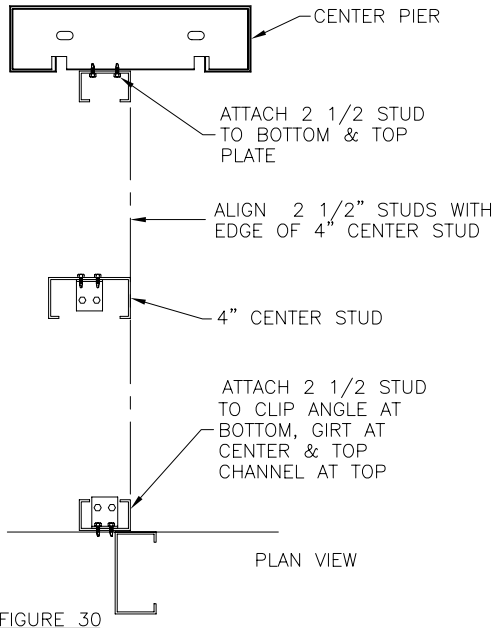


FIGURE 30

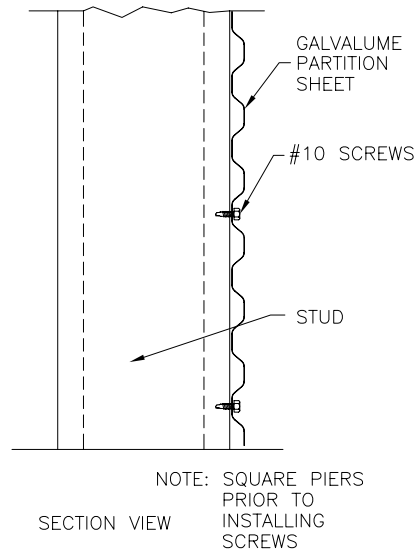


FIGURE 31

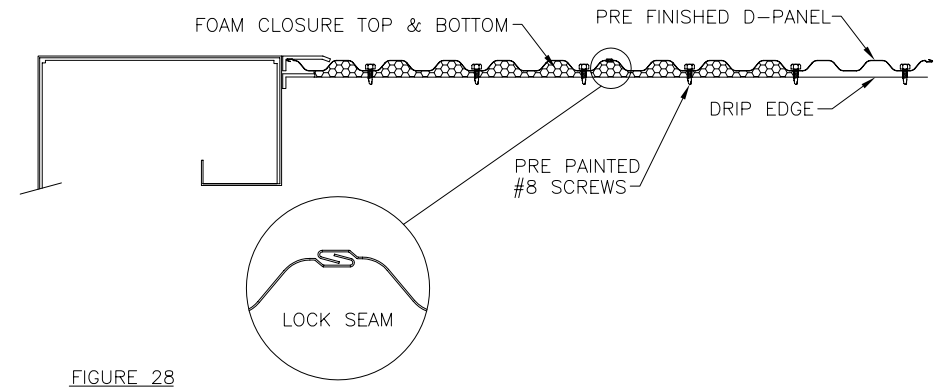


FIGURE 28



STEP 26: OPTIONAL INSULATION

BUILDINGS WITHOUT OPTIONAL INSULATION PACKAGE: PROCEED TO STEP 27

ROLL OUT INSULATION ON GROUND AND CUT INTO LENGTHS 2" SHORTER THAN BUILDING WIDTH. APPLY 1" WIDE DOUBLE SIDED TAPE TO FRONT WALL, BACK WALL AND TOP OF CENTER ZEE PURLIN (SEE FIG. 32A & 32B). PLACE INSULATION ON BUILDING WITH VINYL SIDE DOWN.

STEP 27: CLOSURES & FIRST ROOFING PANEL

ATTACH A VINYL CLOSURE STRIP ON BOTH FRONT AND BACK WALLS OF BUILDING (SEE FIG. 33A) PLACE 36" WIDE ROOF PANEL ON TOP OF BUILDING; KEEP PANEL FLUSH WITH HIGH SIDE OF BUILDING AND EVEN WITH THE SIDE OF THE BUILDING. ATTACH ROOF PANEL WITH 1/4" RUBBER WASHER ROOF SCREWS (9) PER PANEL AS SHOWN (SEE FIG. 33B).

STEP 28: BALANCE OF ROOFING PANELS

PLACE THE 1/2" WIDE TAPE SEALER ON EDGE OF SECOND PANEL ALONG THE ENTIRE LENGTH. SLIDE PANEL INTO PLACE AND INSERT SCREWS ON SEAM (SEE FIG. 34). REPEAT PROCEDURE ABOVE FOR ALL PANELS UNTIL ROOF IS COMPLETE. NOTE: LAST SHEET WILL BE 23 1/2" WIDE (SEE FIG. 35B).

STEP 29: ROOF TRIM

ATTACH TRIM TO BOTH SIDES OF BUILDING (SEE FIGS. 35A & 35B). NOTE: SHAPE OF TRIM IS DIFFERENT FOR FIRST 36" PANEL AND LAST 23 1/2" PANEL.

STEP 30: ATTACHING RAKE TRIM TO FRONT OF BUILDING

FIRST ATTACH RAKE END CAPS INTO EACH END OF ONE 10' PIECE OF SCULPTURED RAKE TRIM WITH (4 EACH END) PRE PAINTED #8 SCREWS. PLACE RAKE TRIM (WITH END CAPS) ON BUILDING AND FASTEN AS SHOWN (SEE FIG. 36). REPEAT THIS PROCEDURE FOR OTHER 10' PIECE.

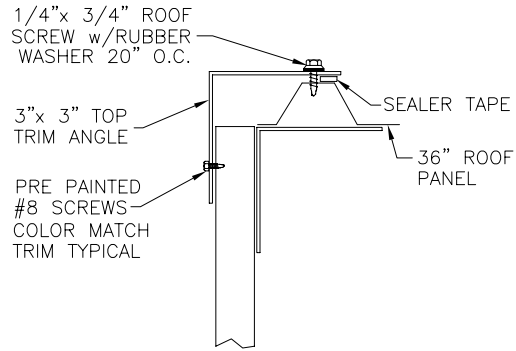


FIGURE 35A

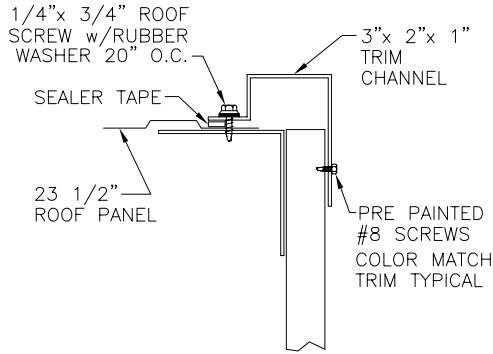


FIGURE 35B

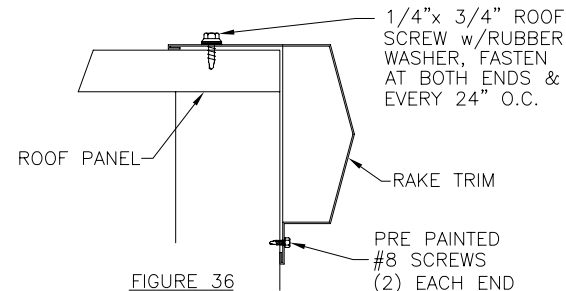


FIGURE 36

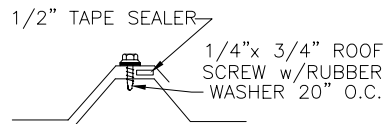
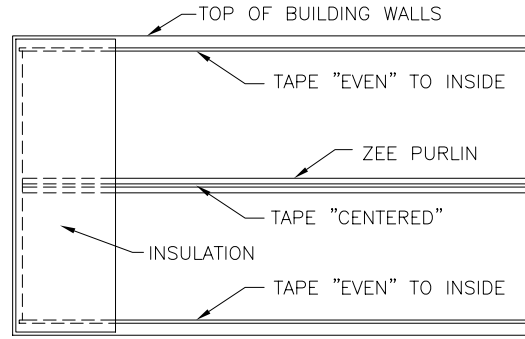
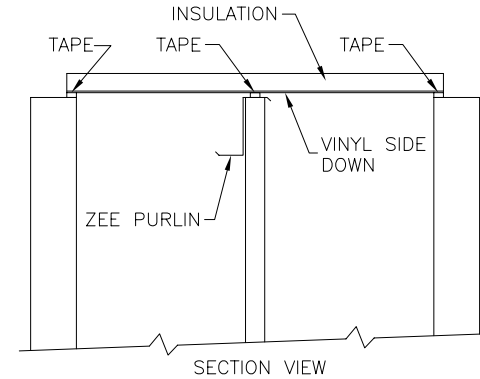


FIGURE 34



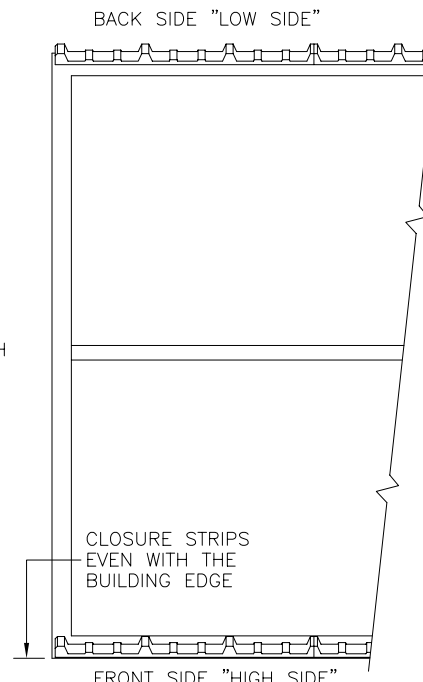
PLAN VIEW OF BUILDING

FIGURE 32A



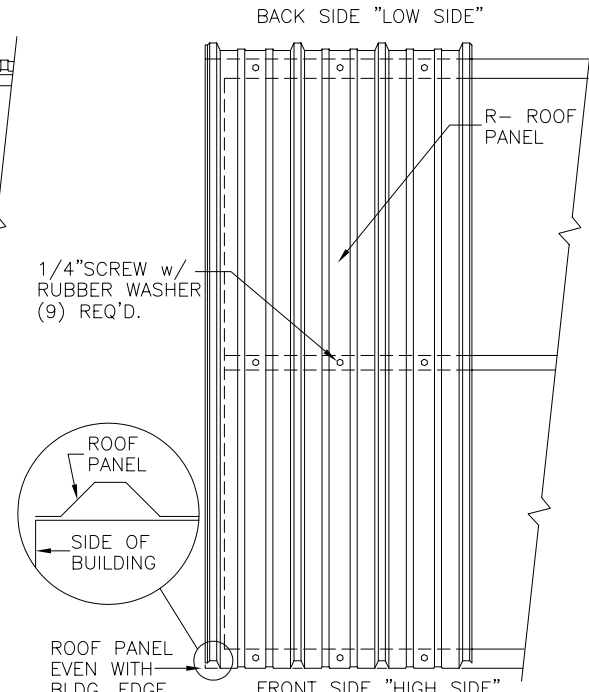
SECTION VIEW

FIGURE 32B



PLAN VIEW OF BUILDING

FIGURE 33A



PLAN VIEW OF BUILDING

FIGURE 33B



STEP 31: BUILDING TIE DOWN INSTALLATION

SCREW A GROUND ANCHOR INTO THE EARTH AT EACH BUILDING CORNER (SEE FIG. 37). ANCHORS SHOULD BE LOCATED 4" FROM FACE OF PIER TO BE ANCHORED. THE ANCHORS CAN BE LOCATED ON EITHER FRONT OR SIDE OF CORNER PIERS.

STEP 32

OPEN TURNBUCKLE APPROXIMATELY HALF WAY. HOOK TURNBUCKLE INTO GROUND SCREW, AND ATTACH OTHER END INTO TIE DOWN CLIP. POSITION TIE DOWN CLIP ONTO SIDE OF PIER IN CENTER, MARK LOCATION FOR THE (2) MOUNTING HOLES. DRILL (2) 3/8" DIAMETER HOLES IN EACH PIER, THEN ATTACH WITH BOLTS SUPPLIED.

STEP 33

ADJUST ALL TURNBUCKLES UNTIL TIGHT.

UP LIFT FORCES ON BUILDING TO BE RESISTED WITH TIE DOWNS

WIND VELOCITY	WIND PRESSURE	TOTAL OVERTURN MOMENT	UP LIFT FORCE*
90MPH	14.8psf	14,800 ft-Lbs	740Lbs
100MPH	18.3psf	18,300 ft-Lbs	915Lbs
110MPH	22.2psf	22,200 ft-Lbs	1110Lbs
120MPH	26.4psf	26,400 ft-Lbs	1320Lbs
130MPH	31.0psf	31,000 ft-Lbs	1550Lbs
140MPH	35.9psf	35,900 ft-Lbs	1795Lbs
150MPH	41.2psf	41,200 ft-Lbs	2060Lbs

* FORCE SHOWN IS BASED ON USING 4 TIE DOWNS, ONE AT EACH CORNER.

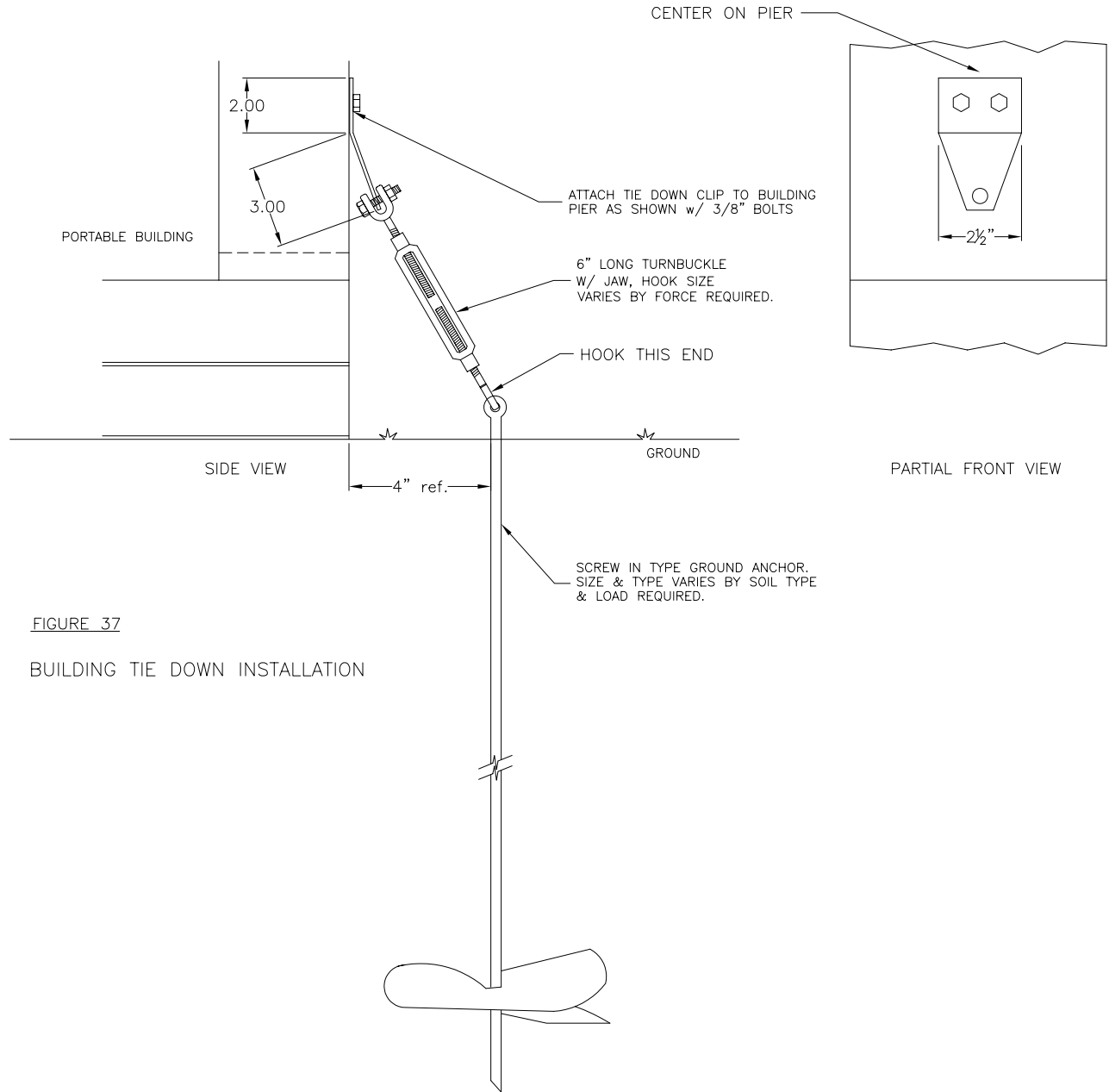


FIGURE 37
BUILDING TIE DOWN INSTALLATION

