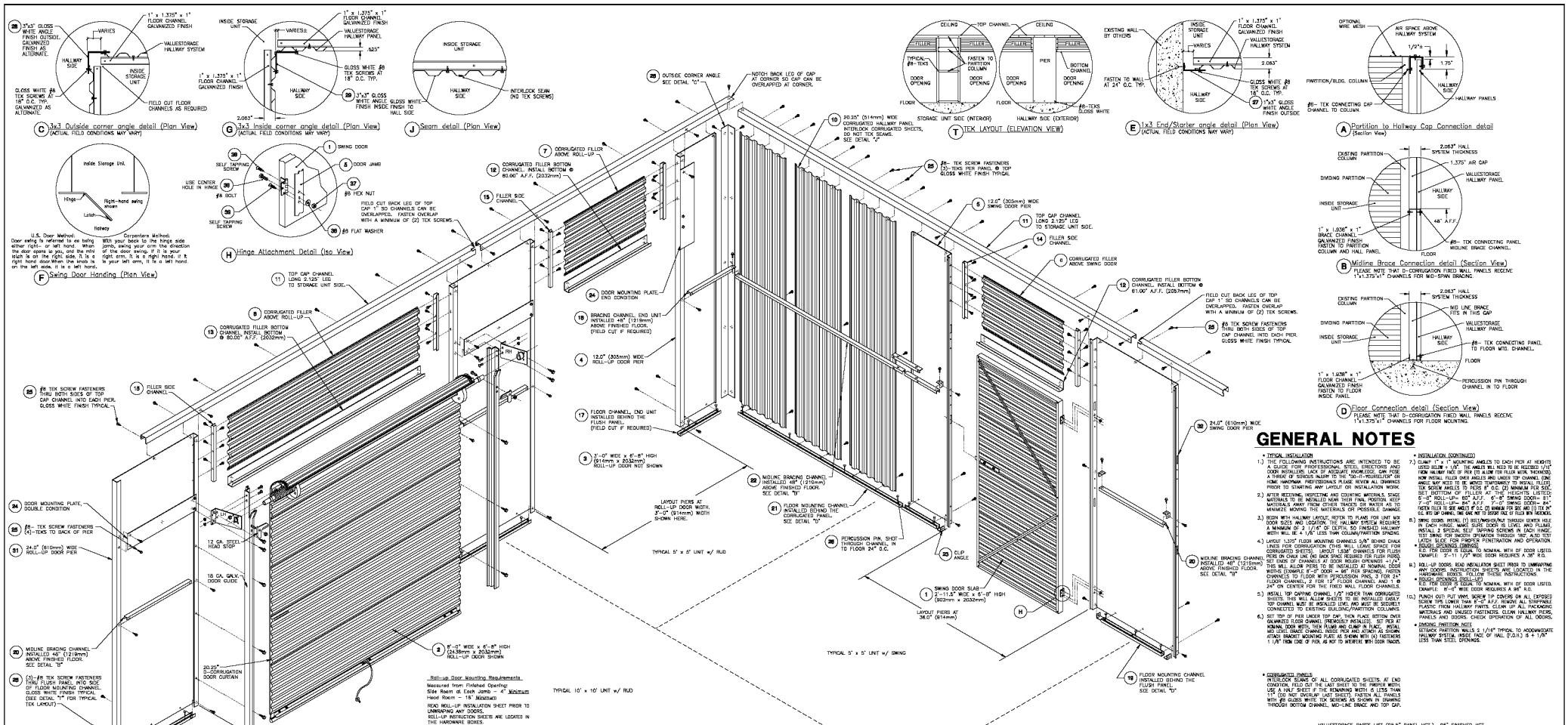
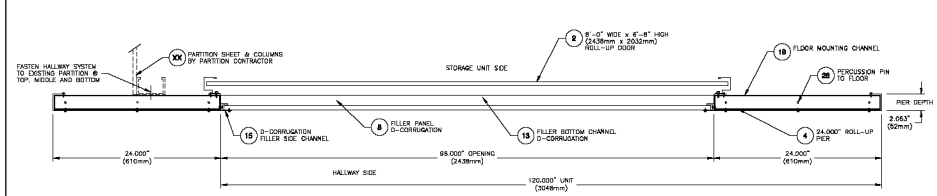


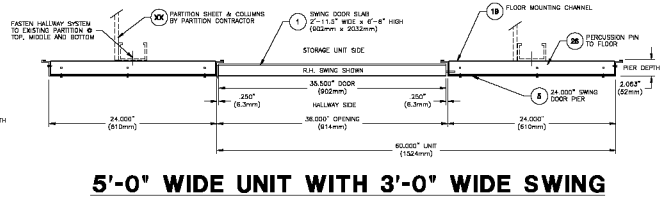
ValueStorage Installation Details

SOME FASTENERS ARE NOT ILLUSTRATED FOR CLARITY. SEE NOTES FOR THESE FASTENER COUNTS.



10'-0" WIDE UNIT WITH 8'-0" WIDE ROLL-UP

PLAN VIEW USING (2)- 24" PIERS. 3048mm wide unit with 2438mm wide door.



5'-0" WIDE UNIT WITH 3'-0" WIDE SWING

PLAN VIEW USING (2)- 24" PIERS. 1524mm wide unit with 914mm wide rough opening.

GENERAL NOTES

* TYPICAL INSTALLATION

1.) THE FOLLOWING INSTRUCTIONS ARE INTENDED TO BE A GUIDE FOR PROFESSIONAL STEEL ERECTORS AND DOOR INSTALLERS. LACK OF ADEQUATE KNOWLEDGE OR A THOROUGH UNDERSTANDING OF THE INSTRUCTIONS OR HOME HARDWARE PROFESSIONALS PLEASE REVIEW ALL DRAWINGS PRIOR TO STARTING ANY LAYOUT OR INSTALLATION WORK.

2.) AFTER RECEIVING, INSPECTING AND COUNTING MATERIALS, STAGE MATERIALS TO BE INSTALLED NEAR THEIR FINAL POSITION. KEEP MATERIALS AWAY FROM OTHER TRADES. ICE WATER AS TO MINIMIZE MOVING THE MATERIALS OR POSSIBLE DAMAGE.

3.) BEGIN WITH HALLWAY LAYOUT. REFER TO PLANS FOR UNIT MIX (DOOR SIZES AND LOCATION). THE HALLWAY SYSTEM REQUIRES A MINIMUM OF 2 1/16" OF DEPTH, SO FINISHED HALLWAY WIDTH WILL BE 4 1/8" LESS THAN COLUMN/PARTITION SPACING.

4.) LAYOUT 1.375" FLOOR MOUNTING CHANNELS 5/8" BEHIND CHALK LINES FOR CORRUGATION. OTHER WILL LEAVE SPACE FOR CORRUGATED SHEETS. INSTALL 1.938" CHANNELS FOR FLUSH PIERS ON CHALK LINE (NO BACK SPACE REQUIRED FOR FLUSH PIERS). FOR 24" PIERS, INSTALL 1.938" CHANNELS 1 1/2" BEHIND. THIS WILL ALLOW PIERS TO BE INSTALLED AT NOMINAL LOAD WIDTHS (EXAMPLE 8'-0" DOOR = 96" PIER SPACING). FASTEN CHANNELS TO FLOOR WITH PERCUSSION PINS. 3 FOR 24" FLOOR CHANNEL, 2 FOR 12" FLOOR CHANNEL AND 1 @ 24" ON CENTER FOR THE FIXED WALL FLOOR CHANNELS.

5.) INSTALL TOP CAPPING CHANNEL 1/2" HIGHER THAN CORRUGATED SHEETS. THIS WILL ALLOW SHEETS TO BE INSTALLED EARLIER. TOP CHANNEL MUST BE INSTALLED LEVEL AND MUST BE SECURELY CONNECTED TO EXISTING BUILDING/PARTITION COLUMNS.

6.) SET TOP OF PIER UNDER TOP CAP, THEN PLACE BOTTOM OVER GALVANIZED FLOOR CHANNEL (PREVIOUSLY INSTALLED). SET PIER AT NOMINAL DOOR WIDTH, THEN PLUMB AND CLAMP IN PLACE. INSTALL MID LEVEL BRACE CHANNEL INSIDE PIER AND ATTACH AS SHOWN. ATTACH BRACKET MOUNTING PLATE AS SHOWN WITH (4) FASTENERS.

* INSTALLATION (CONTINUED)

7.) CLAMP 1" x 1" MOUNTING ANGLES TO EACH PIER AT HEIGHTS LISTED BELOW +/-1/8". THE ANGLES WILL NEED TO BE RECESSED 1/16" FROM HALLWAY FACE OF PIER TO ALIGN FOR FILLER METAL THICKNESS. NOW INSTALL FILLER OVER ANGLES AND UNDER TOP CHANNEL (ONE ANGLE MAY NEED TO BE MOVED TEMPORARILY TO INSTALL FILLER). TEK SCREW ANGLES TO PIERS (4" O.C. (2) MINIMUM PER SIDE). BOTTOM OF FILLER AT THE HEIGHTS LISTED: 5'-0" ROLL-UP: 84" A.F.F. 5'-0" SWING DOOR: 84" 10'-0" ROLL-UP: 84" A.F.F. 10'-0" SWING DOOR: 84" FASTEN FILLER TO SIDE ANGLES @ O.C. (2) MINIMUM PER SIDE AND TO TOP & BOTTOM OF CHANNEL (ONE ONLY NEED TO DOUBLE THE OF FILLER NOW RECEIVES).

8.) SWING DOORS, INSTALL (1) BOLT/WASHER/NUT THROUGH LOWER HOLE IN EACH HINGE. MAKE SURE DOOR IS LEVEL AND PLUMB, INSTALL 2 SPECIAL SELF TAPPING SCREWS IN EACH HINGE. TEST SWING FOR SMOOTH OPERATION THROUGH 180°. ALSO TEST LATCH SLIDE FOR PROPER PENETRATION AND OPERATION.

* ROUGH OPENINGS (SWINGS)
ROUGH OPENINGS ARE 1/2" IN NOMINAL WITH OF DOOR LISTED. EXAMPLE: 3'-0" WIDE DOOR REQUIRES A 36" R.O.

9.) ROLL-UP DOORS, READ INSTALLATION SHEET PRIOR TO UNWRAPPING ANY DOORS. INSTRUCTION SHEETS ARE LOCATED IN THE HARDWARE BOXES. FOLLOW THESE INSTRUCTIONS.

* ROUGH OPENINGS (ROLL-UP)
R.O. FOR DOOR IS EQUAL TO NOMINAL WITH OF DOOR LISTED. EXAMPLE: 8'-0" WIDE DOOR REQUIRES A 96" R.O.

10.) PUNCH OUT PLIT VINYL SCREW TIP COVERS ON ALL EXPOSED SCREW TIPS LOWER THAN 8'-0" A.F.F. REMOVE ALL STRIPPABLE PLASTIC FROM HALLWAY PARTS. CLEAN UP ALL PACKAGING MATERIALS AND UNUSED FASTENERS. CLEAN HALLWAY PIERS, PANELS AND DOORS. CHECK OPERATION OF ALL DOORS.

* DIVIDING PARTITION NOTE
SETBACK PARTITION WALLS 3 1/16" TYPICAL TO ACCOMMODATE HALLWAY SYSTEM. INSIDE FACE OF WALL (FACE) 6 + 1/8" LESS THAN STEEL OPENINGS.

* CORRUGATED SHEETS
INTERLOCK SEAMS OF ALL CORRUGATED SHEETS. AT END CONDITION, FIELD CUT THE LAST SHEET TO THE PROPER WIDTH. USE A HALF SHEET IF THE REMAINING WIDTH IS LESS THAN 11" (DO NOT OVERLAP LAST SHEET). FASTEN ALL PANELS WITH #8 GLOSS WHITE TEK SCREWS AS SHOWN IN DRAWING THROUGH BOTTOM CHANNEL, MID-LINE BRACE AND TOP CAP.

VALUESTORAGE PARTS LIST (85.5" PANEL HGT.) 96" FINISHED HGT.

MARK	PART NUMBER	DESCRIPTION	SIZE inches	SIZE mm	FINISH
1	U490088	SWING DOOR (FL)	35.5 x 80.0	902 x 2032mm	SEE ORDER
2	ISO1100SDUBRGDS	ROLL-UP DOOR	96.0 x 96.0	2438 x 2032mm	SEE ORDER
3	ISO1100SDUBRGDS	ROLL-UP DOOR	36.0 x 80.0	914 x 2032mm	SEE ORDER
4	U450472-95.5	PIER, SINGLE ROLL-UP	12 x 2.063	305 x 52 x 2438mm	GLOSS WHITE
5	U450169-95.5	PIER, SINGLE SWING	12 x 2.000	305 x 51 x 2438mm	GLOSS WHITE
6	U450181-125-95.5	D-CORRUGATION, SWING FILLER	5.5 x 4.125	139 x 105 x 2438mm	GLOSS WHITE
7	U450181-155-95.5	D-CORRUGATION, R. ROLL FILLER	15.5 x 4.125	394 x 105 x 2438mm	GLOSS WHITE
8	U450181-155-95.5	D-CORRUGATION, R. ROLL FILLER	15.5 x 4.125	394 x 105 x 2438mm	GLOSS WHITE
9					GLOSS WHITE
10					GLOSS WHITE
11	U450401-120	CHANNEL, TOP CAP	2.125x 2.125x 1.75x	1.20" 54x 54x 45x 3048mm	GLOSS WHITE
12	U450551-03-36	CHANNEL, BOTTOM FILLER	2.54x 2.00x 1.0x	.36" 65x 51x 25x 914mm	GLOSS WHITE
13	U450551-03-88	CHANNEL, BOTTOM FILLER	2.54x 2.00x 1.0x	.88" 65x 51x 25x 2438mm	GLOSS WHITE
14	U450017-03-14.5	CHANNEL, SIDE FILLER (SWING)	1.50x .875x .100x	14.5" 38x 22x 2.5x 368mm	GLOSS WHITE
15	U450017-03-95.5	CHANNEL, SIDE FILLER (ROLL)	1.50x .875x .100x	95.5" 38x 22x 2.5x 2426mm	GLOSS WHITE
16	U420001	MID LINE BRACE CLIP	1.50 x 2.00 x .375	.50 x .51 x .10mm	GALVANIZED
17	U450401-11.75	CHANNEL, FLOOR END UNIT	1.0x 1.938x 1.0x	11.75" 49x 25x 298mm	GALVANIZED
18	U450481-11.75	CHANNEL, MID END UNIT	1.0x 1.938x 1.0x	11.75" 49x 49x 298mm	GALVANIZED
19	U450181-23.75	CHANNEL, FLOOR MOUNTING	1.0x 1.938x 1.0x	23.75" 49x 49x 603mm	GALVANIZED
20	U450481-23.75	CHANNEL, MID LINE BRACE	1.0x 1.938x 1.0x	23.75" 49x 49x 603mm	GALVANIZED
21	U450428-120	CHANNEL, FLOOR MOUNTING	1.0x 1.38x 1.0x	120" 35x 35x 3048mm	GALVANIZED
22	U450428-120	CHANNEL, MID LINE BRACE	1.0x 1.38x 1.0x	120" 35x 35x 3048mm	GALVANIZED
23	U420021	CLIP ANGLE	1.00 x 2.00 x 1.375	.98 x .51 x .35mm	GALVANIZED
24	U450402	DOOR MOUNTING PLATE	8.00" x 21.75"	152 x 552mm	GALVANIZED
25	U410008-03	#8 TEK SCREWS	1.25 x .625	3mm x 16mm	GLOSS WHITE
26	U410008	1.25 x .75 PERCUSSION PIN	1.25 x .750"	30mm x 19mm	PLATED
27	U450038-96	ANGLE, SIDE FILLER	1.00 x 3.00 x .96"	25 x 76 x 2438mm	GLOSS WHITE
28	U450039-96	ANGLE, OUTSIDE CORNER	3.00" x 3.00" x .96"	76 x 76 x 2438mm	GLOSS WHITE
29	U450038-96	ANGLE, INSIDE CORNER	1.00 x 3.00" x .96"	25 x 76 x 2438mm	GLOSS WHITE
30	U410008	SCREW TIP COVERS	.125	3mm	GRAY
31	U450479-95.5	PIER, DOUBLE ROLL-UP	24 x 2.063 x 95.5"	610 x 52 x 2426mm	GLOSS WHITE
32	U450500-95.5	PIER, DOUBLE SWING	24 x 2.000 x 95.5	610 x 51 x 2426mm	GLOSS WHITE
		SWING DOOR HINGE FASTENERS			
33	U410001	BOLT	#8 x 5/8"	FLAT HEAD BOLT	PLATED
37	U410002	NUT	#8	HEX NUT	PLATED
38	U410003	WASHER	#8	FLAT WASHER	PLATED
39	U410004	SCREW	#10 x 1/2"	FLAT HEAD SCREW w/#6 HEAD	PLATED

NOTE: SOME ITEMS MAY NOT BE ILLUSTRATED

COMMONLY USED ABBREVIATIONS	
# - #'	N/A - Not Applicable
1/2" - Above Finished Floor (U/F)	O/S - Cut to Cut Dimension
B/O - Material to be Others/R.O.	R.O. - Rough Opening
B.O.D. - Bottom of Deck	T.O.B. - Top of Block
B.O.T. - Bottom of Plate	T.P. - Tapped Same Threadhead
F/F - Finished Face of Wall (U.N.O.)	U.N.O. - Unless Noted Otherwise
3" - Radial to Radial Dimension	

Rev	Date	By	Description
			ValueStorage

Version 2.3 04.04.2008

Project:
Location:
General Contractor:
Drawn By: Date Drawn: Checked By:
Approved By: Date Approved:
Sheet of
Drawing Number:

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