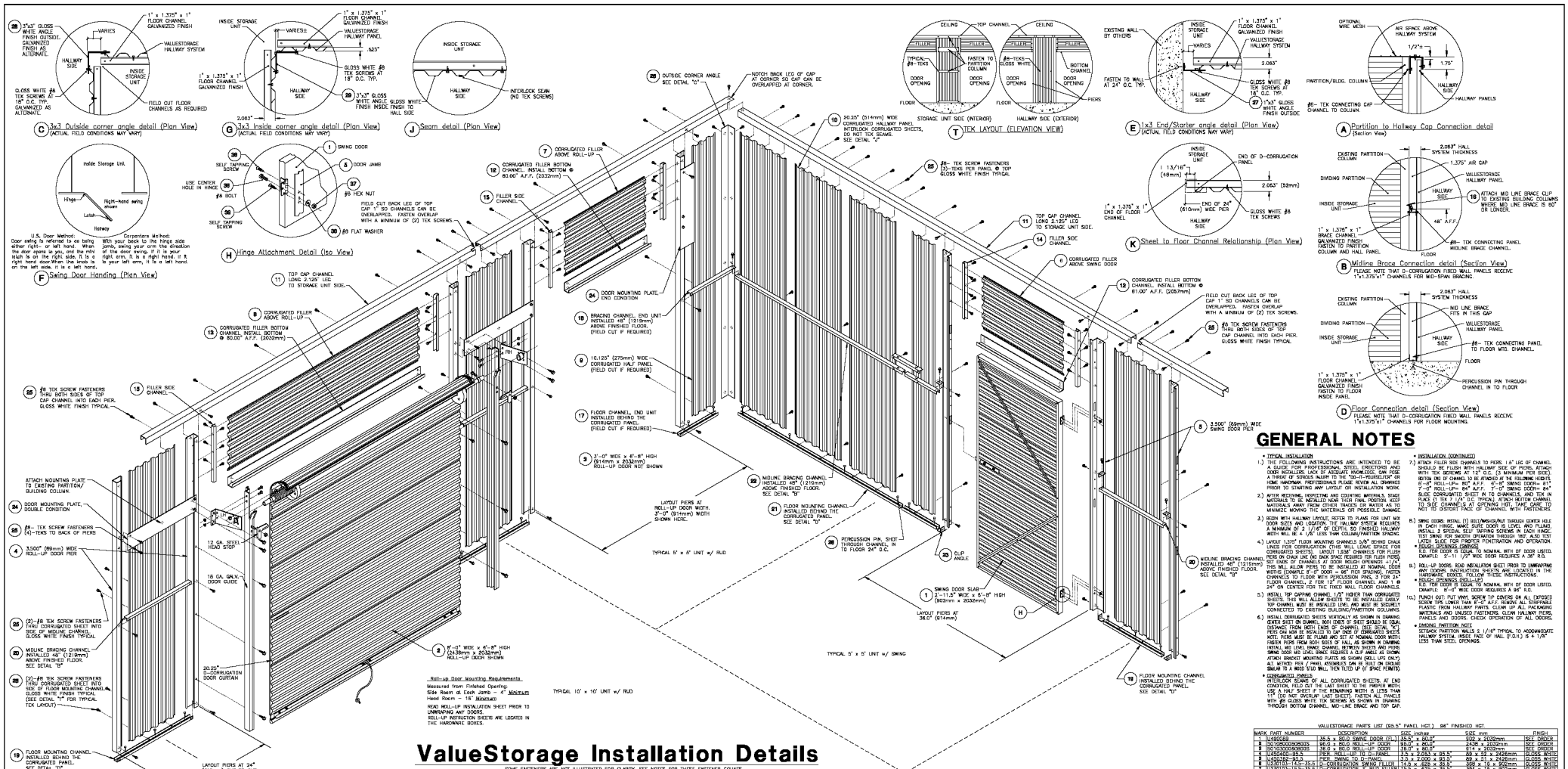

GENERAL NOTES

- TYPICAL INSTALLATION

1.) THE FOLLOWING INSTRUCTIONS ARE INTENDED TO BE A GUIDE FOR PROFESSIONAL STEEL STRUCTURE AND DOOR INSTALLERS. LACK OF ADEQUATE KNOWLEDGE OR A THOROUGH UNDERSTANDING OF THE INSTALLATION PROCESS FOR 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 FOR 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. LAYOUT 1.938" CHANNELS FOR FLOOR PIERS ON CHALK LINE (NO BACK SPACE REQUIRED FOR FLOOR PIERS). THE 1.938" CHANNEL HAS A 1/4" LIP TO ACCOMMODATE THIS. THIS WILL ALLOW PIERS TO BE INSTALLED AT NOMINAL DOOR 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 EASILY. TOP CHANNEL MUST BE INSTALLED LEVEL AND MUST BE SECURELY CONNECTED TO EXISTING BUILDING/PARTITION COLUMNS.

6.) INSTALL CORRUGATED SHEETS VERTICALLY AS SHOWN IN DRAWING. COVER SHEET ON CHANNEL, BOTH ENDS OF SHEET SHOULD BE EQUAL DISTANCE FROM BOTH ENDS OF CHANNEL (SEE DETAIL "K"). PIERS CAN NOW BE INSTALLED TO CAP ENDS OF CORRUGATED SHEETS. NOTE: PIERS MUST BE PLUMB AND SET AT NOMINAL DOOR WIDTH. FASTEN PIERS FROM BOTH SIDES OF HALL AS SHOWN IN DRAWING. INSTALL MID LINE BRACE CHANNEL BETWEEN SHEETS PRIOR. SWING DOOR MID LINE BRACE REQUIRES A CLIP ANGLE AS SHOWN. ATTACH BRACKET MOUNTING PLATES AS SHOWN (WALL UPS ONLY). ALT METHOD PER / PANEL ASSEMBLES CAN BE BUILT ON GROUND SIMILAR TO A WOOD STUD WALL, THEN TILTED UP IF SPACE PERMITS.

- 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.

- INSTALLATION (CONTINUED)

7.) ATTACH FILLER SIDE CHANNELS TO PIERS. 1.5" LEG OF CHANNEL SHOULD BE FLUSH WITH HALLWAY SIDE OF PIERS. ATTACH WITH TEK SCREWS AT 12" O.C. (3 MINIMUM PER SIDE). BOTTOM ONE OF CHANNEL TO BE ATTACHED AT THE FOLLOWING HEIGHTS: 6'-0" ROLL-UP= 80" A.F.F. 6'-8" SWING DOOR= 81" 7'-0" ROLL-UP= 84" A.F.F. 7'-0" SWING DOOR= 84". SLIDE CORRUGATED SHEET IN TO CHANNELS, AND TEK IN PLACE (1 TEK / 1/4" O.C. TYPICAL). ATTACH BOTTOM CHANNEL TO SIDE CHANNELS AT OPENING HGT. TAKE CARE TO NOT TO DISTORT FACE OF CHANNEL WITH FASTENERS.

8.) SWING DOORS. INSTALL (1) BOLT/WASHER/NUT THROUGH CENTER 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 EQUAL TO NOMINAL WITH OF DOOR USED. EXAMPLE: 32"x 81 1/2" WIDE DOOR REQUIRES A 38" 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 USED. EXAMPLE: 8'-0" WIDE DOOR REQUIRES A 96" R.O.

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

- DIMENSIONAL FINISHING NOTE

SETBACK PARTITION WALLS 0 1/16" TYPICAL TO ACCOMMODATE HALLWAY SYSTEM. INSIDE FACE OF HALL (7.0.H.) IS 4 1/8" LESS THAN STEEL OPENINGS.

VALUESTORAGE PARTS LIST (89.5" PANEL HGT.) 96" FINISHED HGT.

MARK	PART NUMBER	DESCRIPTION	SIZE inches	SIZE mm	FINISH
1	U480068	3.5 x 80.0 SWING DOOR (FL)	35.5" x 80.0"	902 x 2032mm	SEE ORDER
2	0510180GORGOS	96.0 x 80.0 ROLL-UP DOOR	96.0" x 80.0"	2438 x 2032mm	SEE ORDER
3	0510120GORGOS	36.0 x 80.0 ROLL-UP DOOR	36.0" x 80.0"	914 x 2032mm	SEE ORDER
4	U450480-95.5	PIER, ROLL-UP TO D-PANEL	3.5 x 2.000 x 95.5"	89 x 51 x 2426mm	GLOSS WHITE
5	U450382-80.5	PIER, SWING TO D-PANEL	3.5 x 2.000 x 80.5"	89 x 51 x 2426mm	GLOSS WHITE
6	U530181-125-89.5	D-CORRUGATION, SWING FILLER	18.5 x 125 x 89.5"	469 x 13 x 2426mm	GLOSS WHITE
7	U530181-155-89.5	D-CORRUGATION, 2 ROLL FILLER	15.5 x 155 x 89.5"	394 x 16 x 2426mm	GLOSS WHITE
8	U530181-175-89.5	D-CORRUGATION, 6 ROLL FILLER	17.5 x 175 x 89.5"	394 x 16 x 2426mm	GLOSS WHITE
9	U530181-10-89.5	D-CORRUGATION, HALF PANEL	10.125 x 125 x 89.5"	257 x 16 x 2426mm	GLOSS WHITE
10	U530181-20-89.5	D-CORRUGATION, FULL PANEL	20.25 x 125 x 89.5"	514 x 16 x 2426mm	GLOSS WHITE
11	U450241-120	CHANNEL, TOP CAP	2.125x 2.75x 120"	54x 67x 3048mm	GLOSS WHITE
12	U450051-03-36	CHANNEL, BOTTOM FILLER	2.54x 2.00x 1.0x 36"	75x 51x 914mm	GLOSS WHITE
13	U450051-03-96	CHANNEL, BOTTOM FILLER	2.54x 2.00x 1.0x 96"	75x 51x 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	U450017-03-14.5	CHANNEL, SIDE FILLER (ROLL)	1.50x .875x .100x 14.5"	38x 22x 2.5x 368mm	GLOSS WHITE
16	U420001	MID LINE BRACE CLIP	1.50 x 2.00 x 1.375"	38 x 51 x 35mm	GALVANIZED
17	U450428-11.75	CHANNEL, FLOOR END UNIT	1.0x 1.38x 11.75"	25x 35x 298mm	GALVANIZED
18	U450428-11.75	CHANNEL, MID END UNIT	1.0x 1.38x 11.75"	25x 35x 298mm	GALVANIZED
19	U450428-23.75	CHANNEL, FLOOR MOUNTING	1.0x 1.38x 1.0x 23.75"	25x 35x 25x 603mm	GALVANIZED
20	U450428-23.75	CHANNEL, MID LINE BRACE	1.0x 1.38x 1.0x 23.75"	25x 35x 25x 603mm	GALVANIZED
21	U450428-120	CHANNEL, FLOOR MOUNTING	1.0x 1.38x 1.0x 120"	25x 35x 25x 3048mm	GALVANIZED
22	U450428-120	CHANNEL, MID LINE BRACE	1.0x 1.38x 1.0x 120"	25x 35x 25x 3048mm	GALVANIZED
23	U420021	CLIP ANGLE	1.00 x 2.00 x 1.375"	18 x 51 x 35mm	GALVANIZED
24	U450402	DOOR MOUNTING PLATE	8.00" x 21.75"	152 x 552mm	GALVANIZED
25	U470005-03	#8 TEK SCREWS	.375 x .625	9mm x 16mm	GLOSS WHITE
26	U410008	1.25 x .75 PERCUSSION PIN	1.25 x .750"	30mm x 19mm	PLATED
27	U450038-96	ANGLE, 1x3 FLOOR FASTENER	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	U450042-96	ANGLE, INSIDE CORNER	3.00" x 3.00" x 96"	76 x 76 x 2438mm	GLOSS WHITE
30	U410006	SCREW TIP COVER	.125	3mm	GRAY
		SWING DOOR HINGE FASTENERS			
36	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
T/C – Above Finished Floor (U/D – Cut to Cut Dimension)	
O/A – Material to be Ordered	R.O. – Rough Opening
B.O.D. – Bottom of Deck	T.O.B. – Top of Block
B.O.P. – Bottom of Purlin	T.O.P. – Top of Purlin
F.O.L. – Finished Face of Wall (U.N.O. – Unless Noted Otherwise)	
F.H. – Hold to Hold Dimension	

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Version 2.3 04.04.2008

Project: | Sheet of

Location: | Drawing Number:

General Contractor:

Drawn By: | Date Drawn: | Checked By:

Approved By: | Date Approved:

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