



VENTURO
TRUCK MOUNTED CRANES

ET16/18KX
ET/HT25KX
OUTRIGGERS & ACCESSORIES

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MFG., INC.
CINCINNATI, OHIO

TITLE
TABLE OF CONTENTS

ET/HT25K(X) Accessories

DATE
05-17-11A

SUPERCEDES
10-11-05

SECTION
-

20829

SECTION 100

DESCRIPTION

&

SPECIFICATIONS

17576 MOUNTING PEDESTAL

'A' DIM	17576 DASH NO.
36"	-36
CONSULT VENTURO FOR OPTIONAL HEIGHTS	

17576 PEDESTAL SHOWN MOUNTED ON RIGHT REAR CORNER OF FLAT BED AS TYPICAL OF POSSIBLE MOUNTING POSITIONS; MAY ALSO BE MOUNTED BEHIND CAB.

MASTER DISCONNECT SWITCH
AND COMPARTMENT CONTROLS

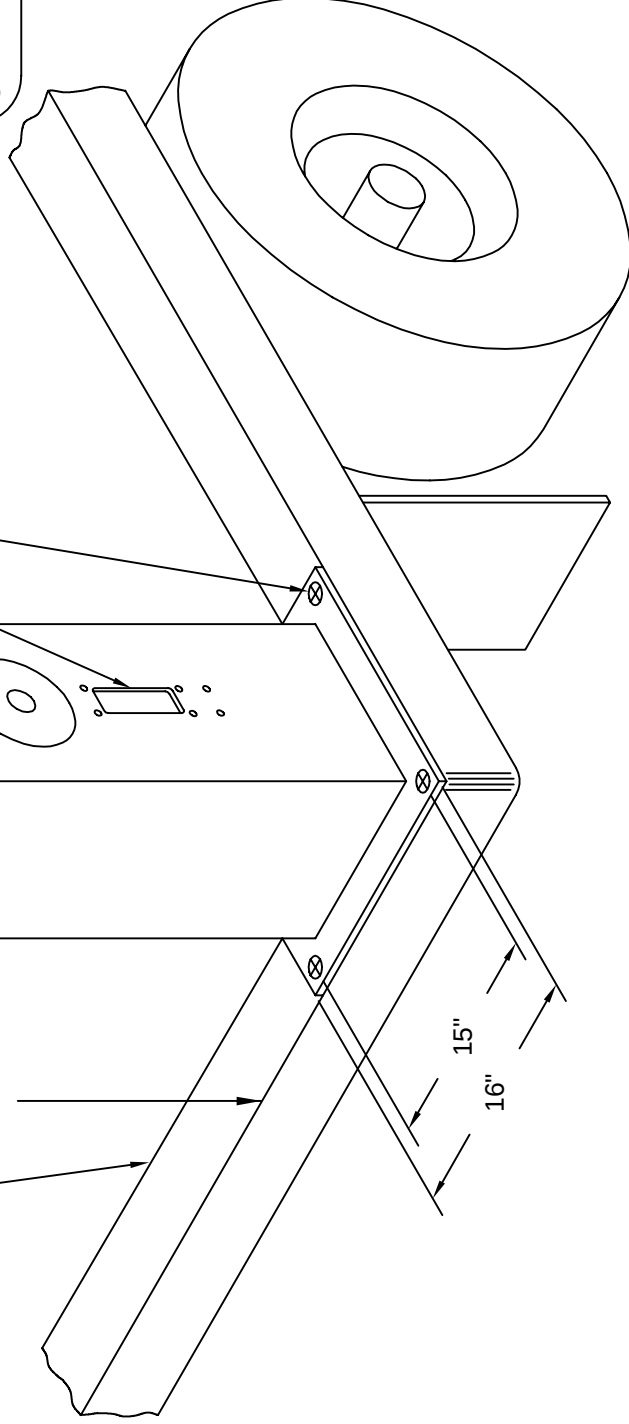
SEE DWG 14510 FOR
REINFORCING DETAILS

! WARNING

THESE PRODUCTS ARE NOT FOR USE
WITH PASSENGER LIFTS. THEY ARE NOT
DESIGNED OR INTENDED TO BE USED
WITH DEVICES THAT LIFT, SUPPORT OR
OTHERWISE TRANSPORT PERSONNEL.

13/16" DIA HOLES
3/4" BOLT - 8 REQ'D

'A'



VENCO VENTURO INDUSTRIES LLC
CINCINNATI, OHIO

TITLE

17576 MOUNTING PEDESTAL PLACEMENT

DATE

03-03-15C

SECTION

C100

SUPERSEDES

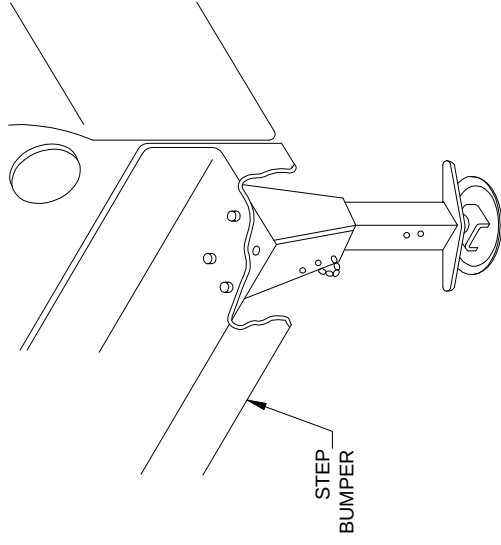
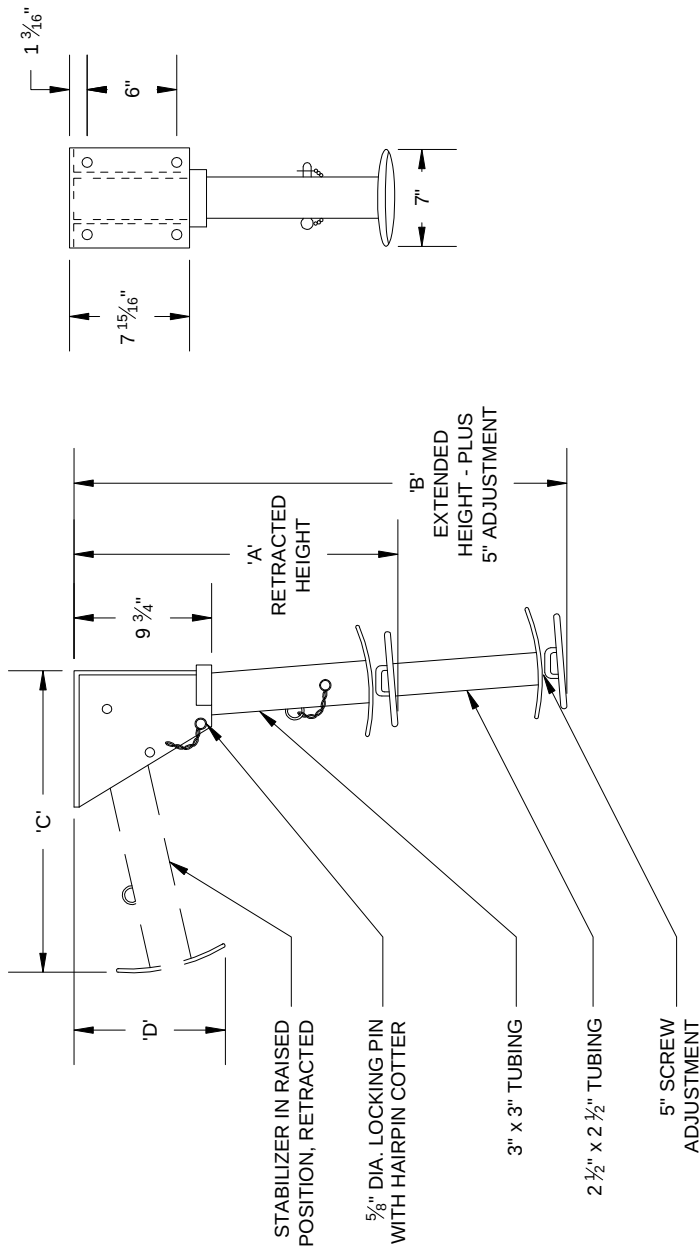
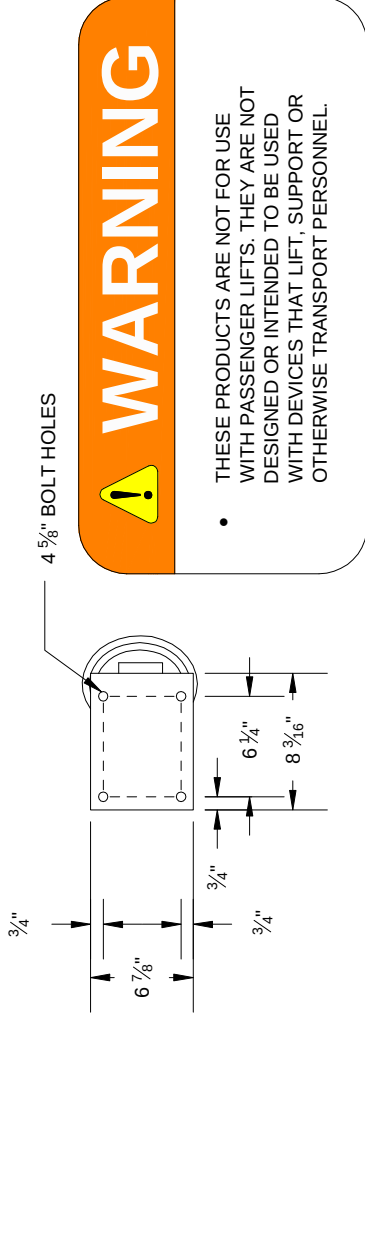
05-13-14B

ET/HT25/30KX(X), ET36KXX

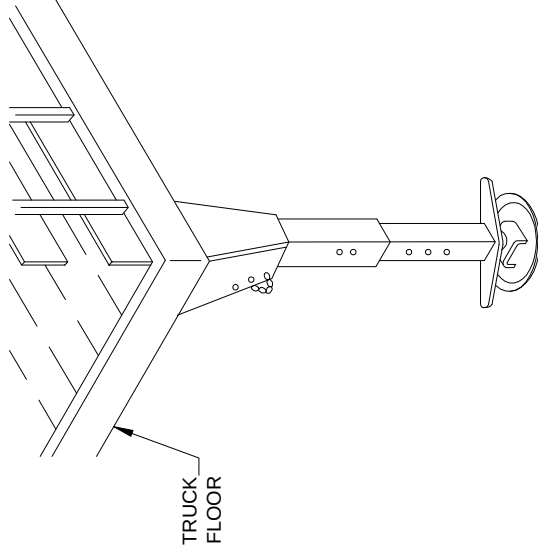
19411

23960 STABILIZER SERIES, ET/HT25 SERIES CRANES

PART NO.	DESCRIPTION	'A'	'B'	'C'	'D'
23960-1	SHORT STABILIZER	20 1/2"	28 1/2"	21"	7 3/4"
23960-2	LONG STABILIZER	28 1/2"	44 1/2"	29"	10 1/2"



TYPICAL SHORT STABILIZER INSTALLATION



TYPICAL LONG STABILIZER INSTALLATION

TITLE
INSTALLATION DRAWING
ET6/8/10/12/25K(X), HT25KX

DATE
12-20-13H
SUPERSEDES
04-25-12G

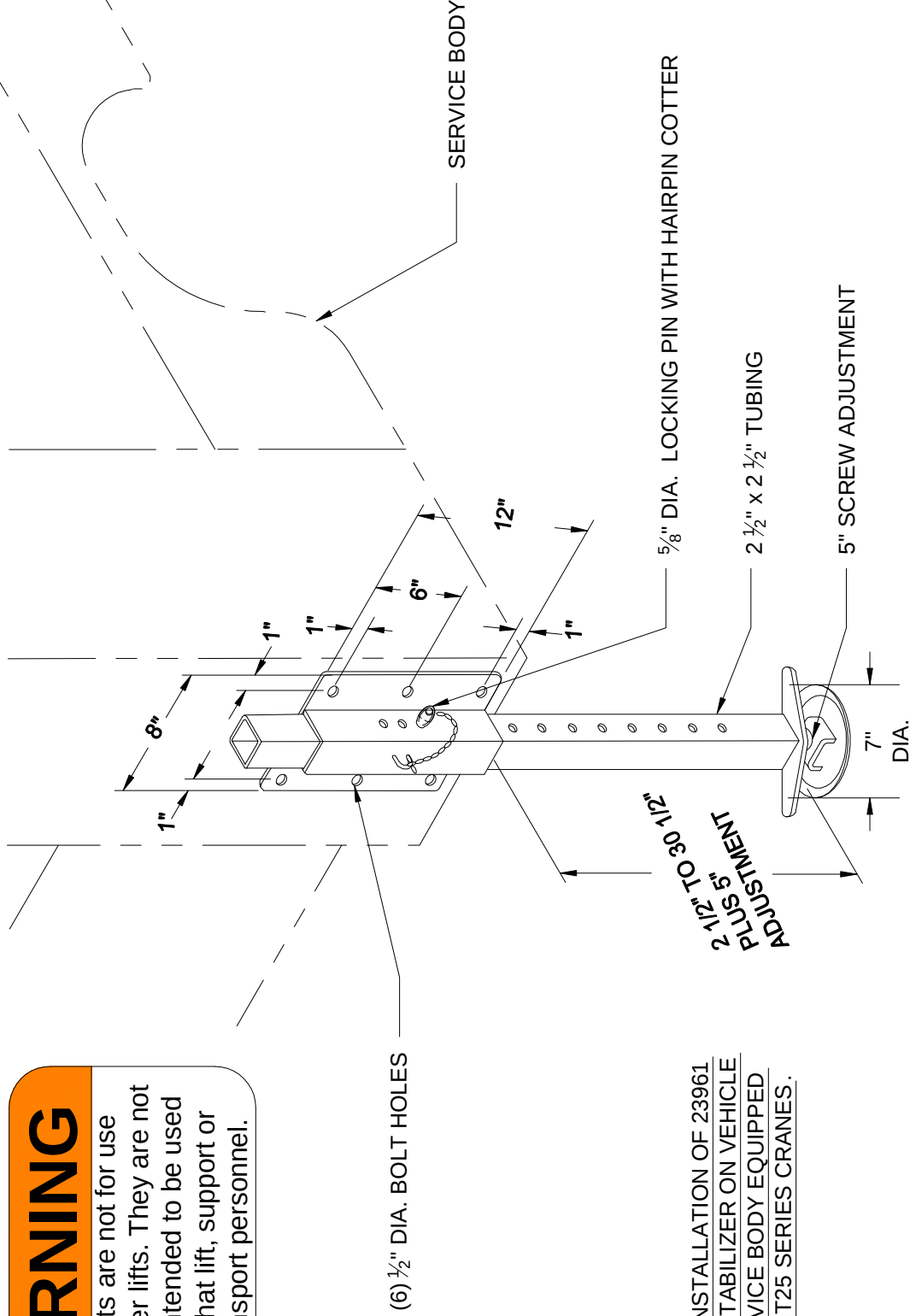
SECTION
C100

I23960

23961 STABILIZER

! WARNING

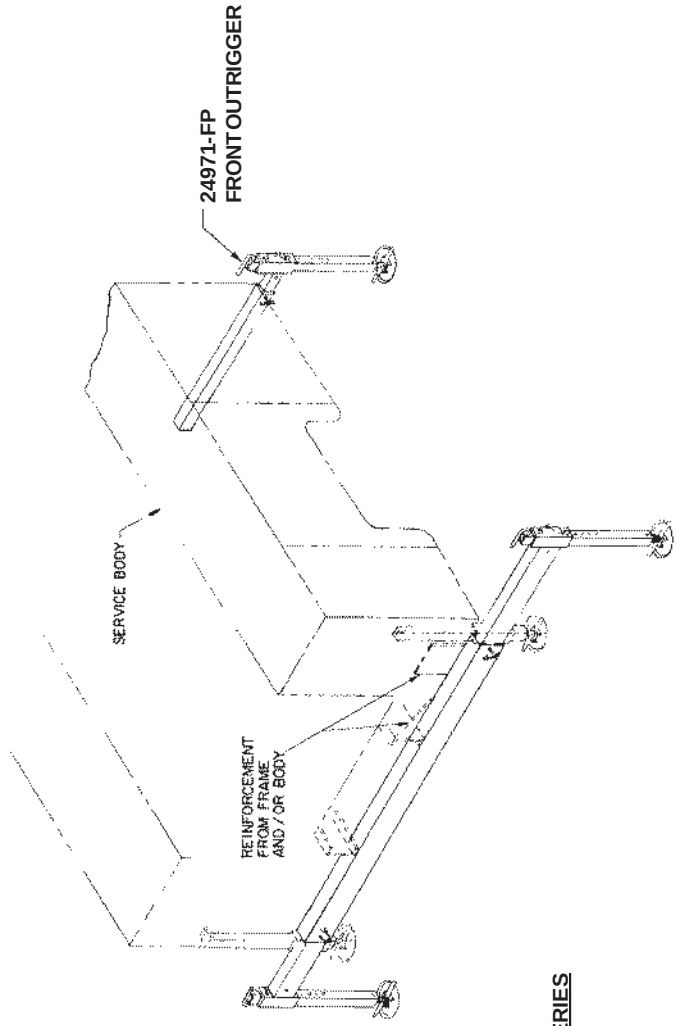
- These products are not for use with passenger lifts. They are not designed or intended to be used with devices that lift, support or otherwise transport personnel.



TYPICAL INSTALLATION OF 23961
MANUAL STABILIZER ON VEHICLE
WITH SERVICE BODY EQUIPPED
WITH ET/HT25 SERIES CRANES.

 MANUFACTURING, INC. CINCINNATI, OHIO	TITLE INSTALLATION DRAWING	DATE 12-20-13H	SECTION C100
	ET6/8/10/12/25K(X), HT25KX	SUPERSEDES 04-25-12G	I23961

WARNING: THESE PRODUCTS ARE NOT FOR USE WITH PASSENGER LIFTS. THEY ARE NOT DESIGNED OR INTENDED TO BE USED WITH DEVICES THAT LIFT, SUPPORT, OR OTHERWISE TRANSPORT PERSONNEL.



▲ 24962/25100 OUTRIGGER SERIES
24962-P SHOWN

OUTRIGGER	IN/OUT	UP/DOWN	DUTY	USED ON
24962-P	MANUAL	MANUAL	STANDARD	ET/HT25K(X)
24962-CD	MANUAL	CRANK DOWN	STANDARD	ET/HT25K(X)
24962-PH	MANUAL	HYDRAULIC	STANDARD	HT25KX
24962-PHE	MANUAL	HYDRAULIC	STANDARD	ET/HT25K(X)
25100-CD	MANUAL	CRANK DOWN	HEAVY	HT40/50K(X)
25100-PH	MANUAL	HYDRAULIC	HEAVY	HT40/50K(X)
25100-PHX	HYDRAULIC	HYDRAULIC	HEAVY	HT25KX, HT40/50K(X)

▲
▲
▲



MANUFACTURING, INC.
CINCINNATI, OHIO

TITLE
INSTALLATION DRAWING

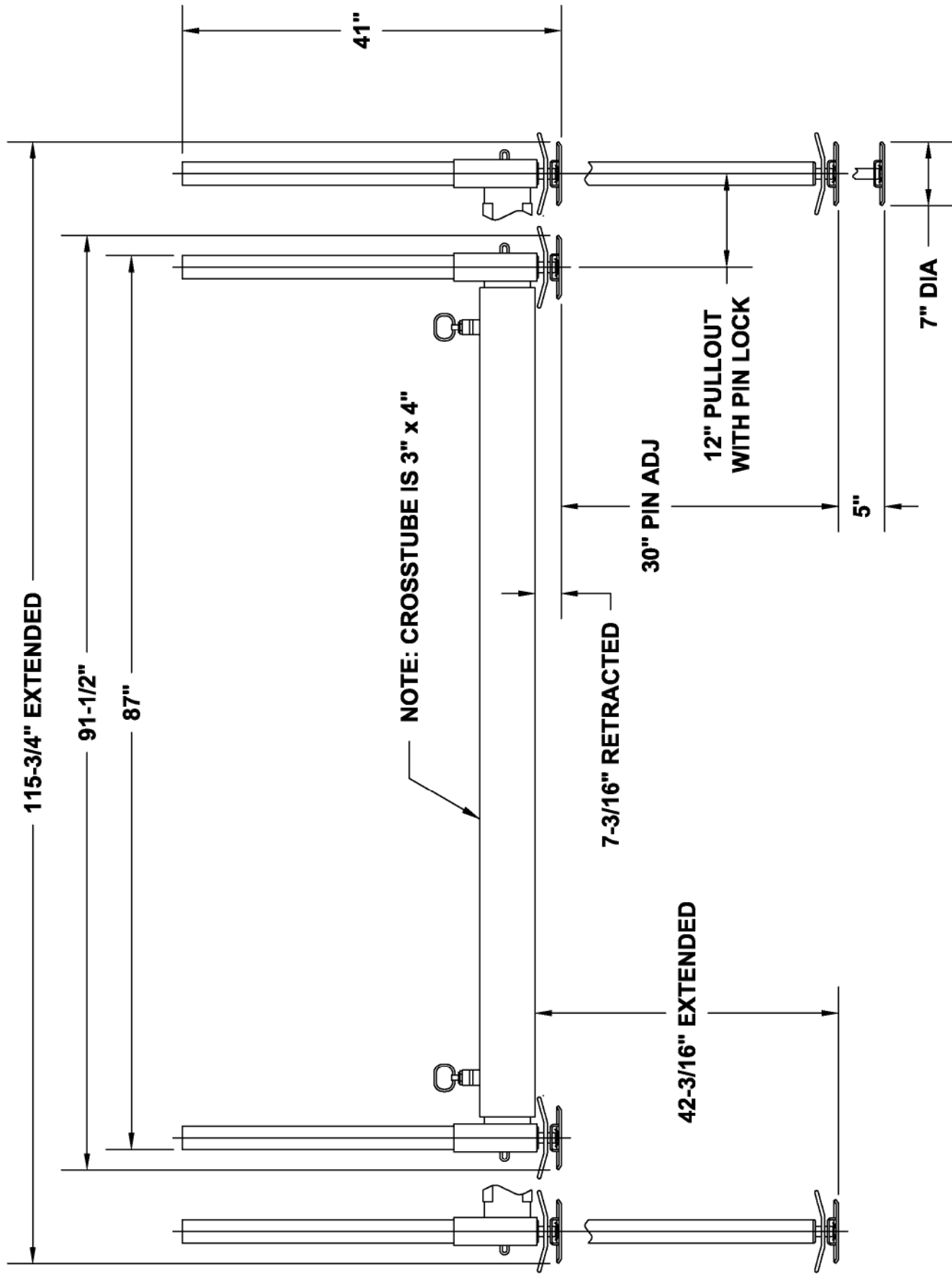
ET25K(X), HT25K(X), HT40/50KX

DATE
8-30-07C

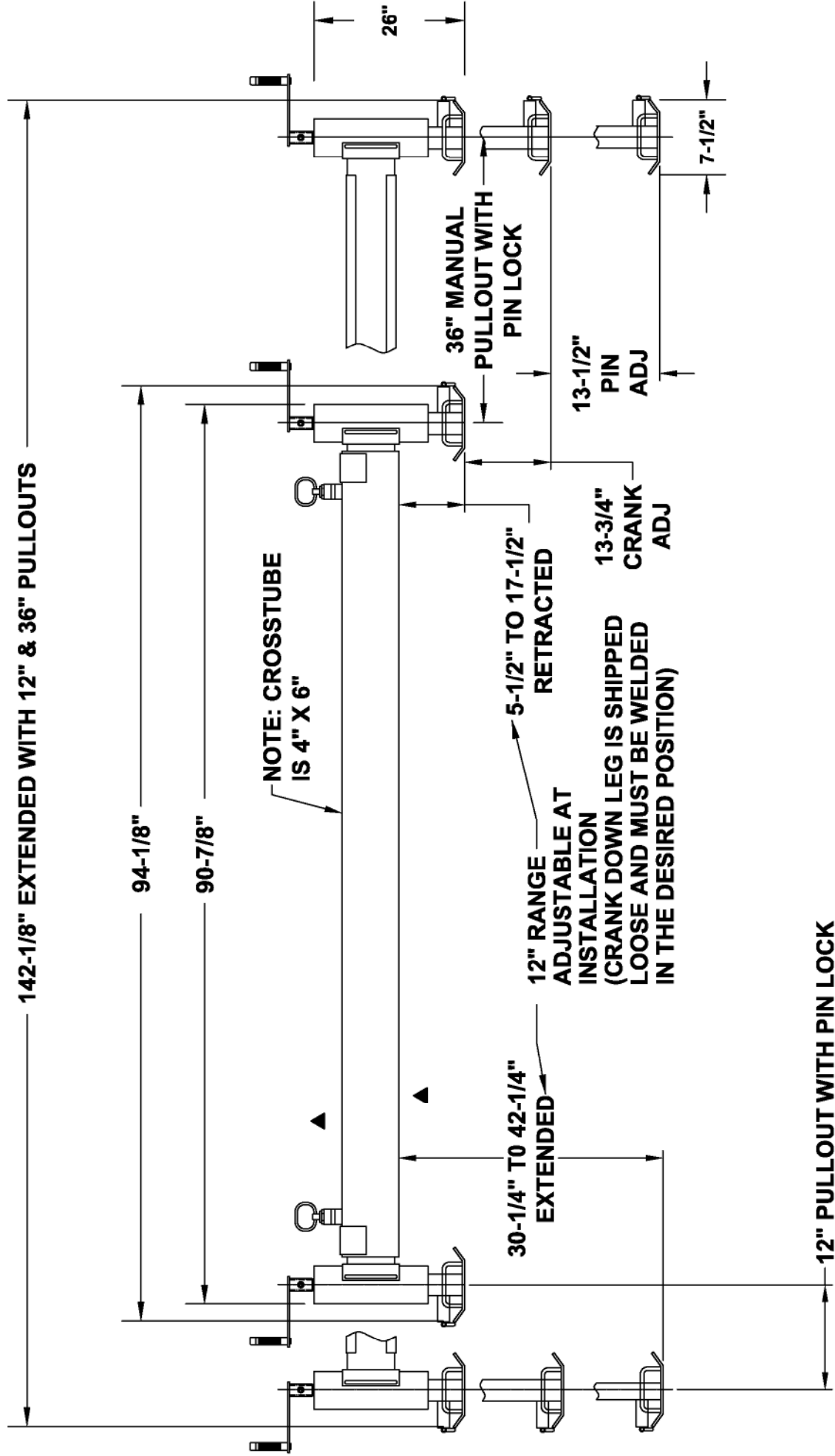
SUPERCEDES
5-26-04B

SECTION
C120

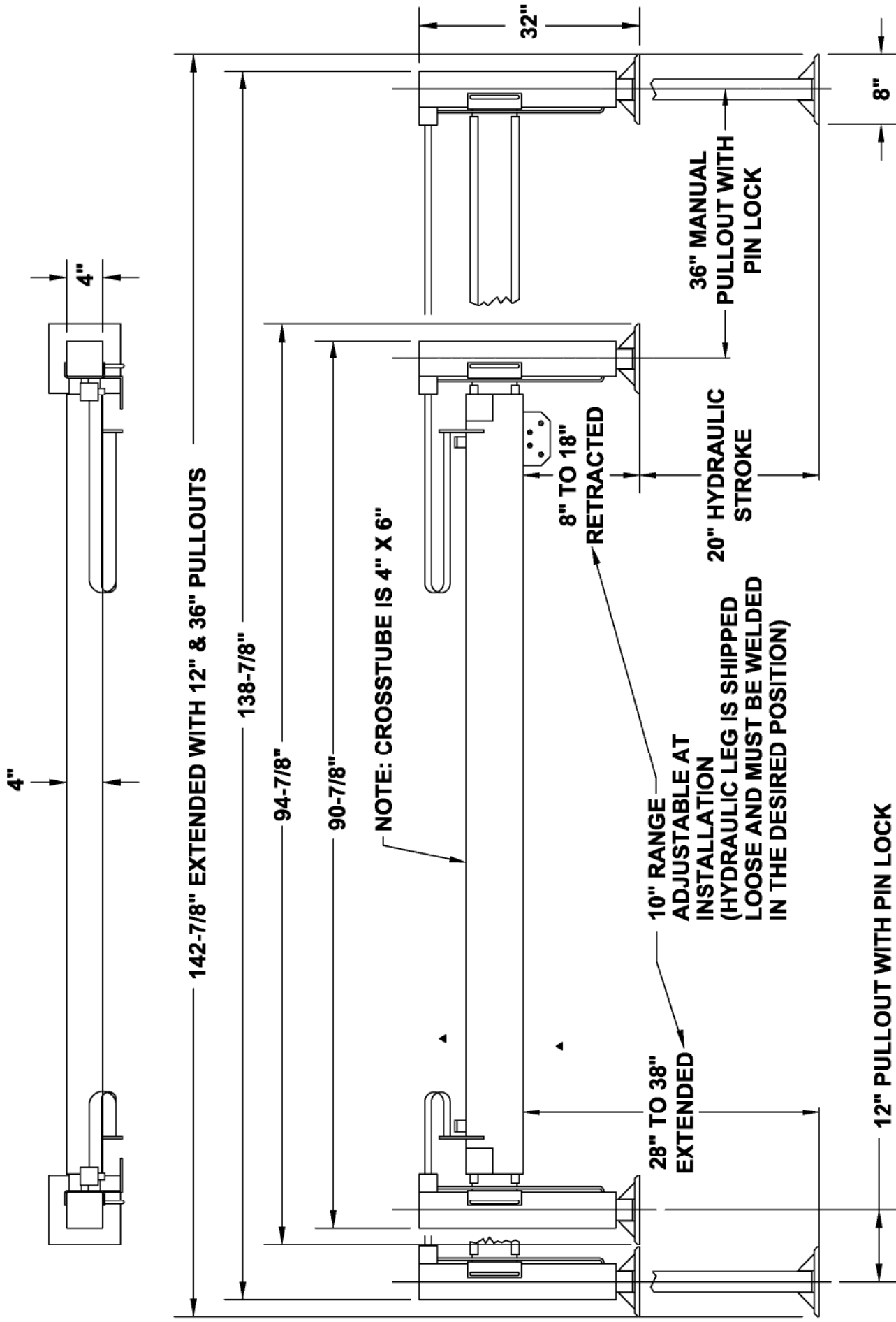
23982



VENTURO MANUFACTURING, INC. CINCINNATI, OHIO	TITLE INSTALLATION DWG		DATE 3-2-05A	SECTION C100
	24971-FP FRONT OUTRIGGER		SUPERSEDES 7-18-03	23984



VENTURO MANUFACTURING, INC. CINCINNATI, OHIO	TITLE INSTALLATION DWG		DATE 10-11-05D	SECTION C100
	24962-CD OUTRIGGERS		SUPERSEDES 3-7-05C	22641



MANUFACTURING, INC.
CINCINNATI, OHIO

TITLE
INSTALLATION DWG
24962-PH & 24962-PHE ^

DATE
10-11-05D
SUPERSEDES
3-7-05C

SECTION
C100
22642

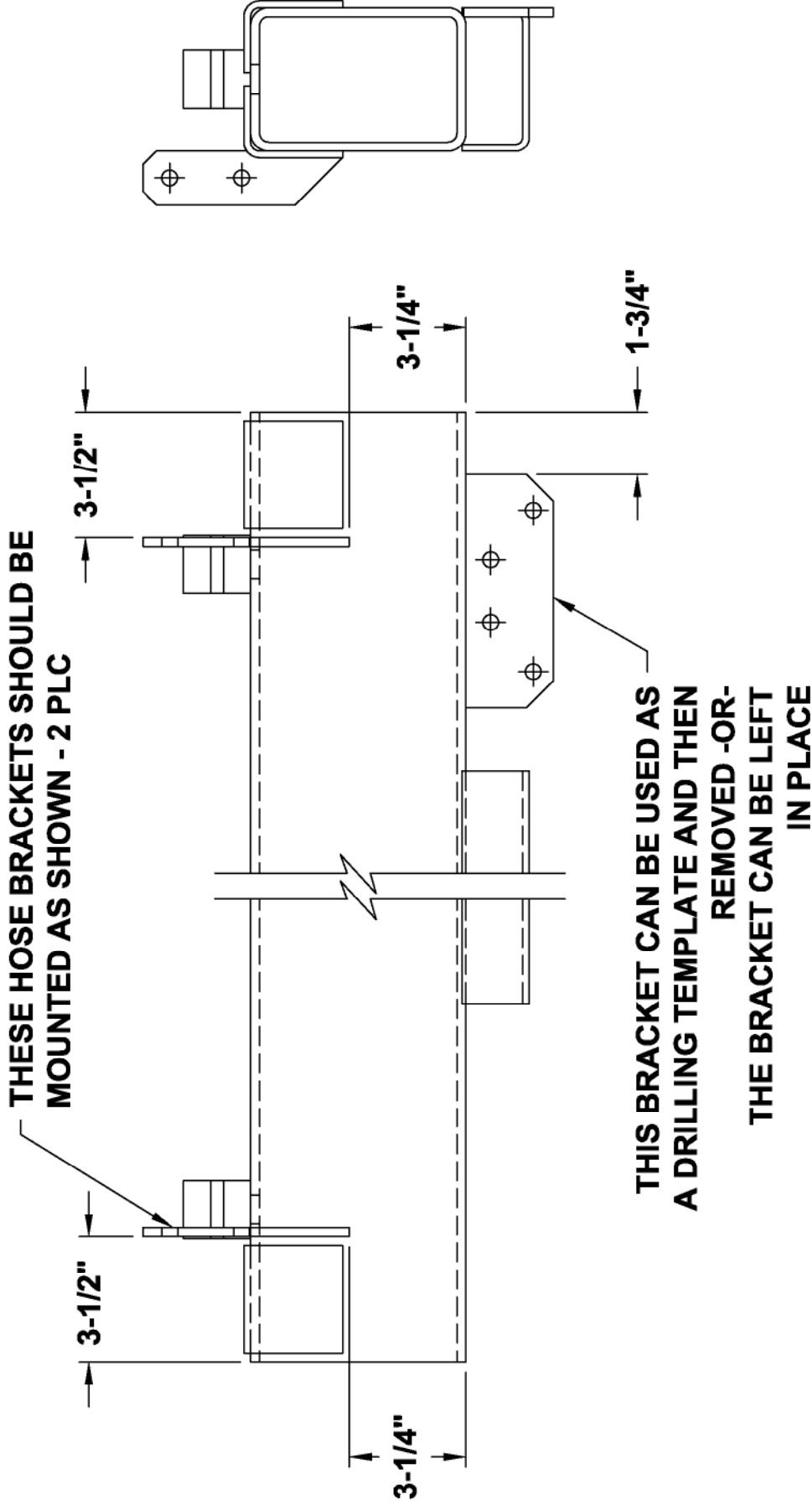
SECTION 200

INSTALLATION



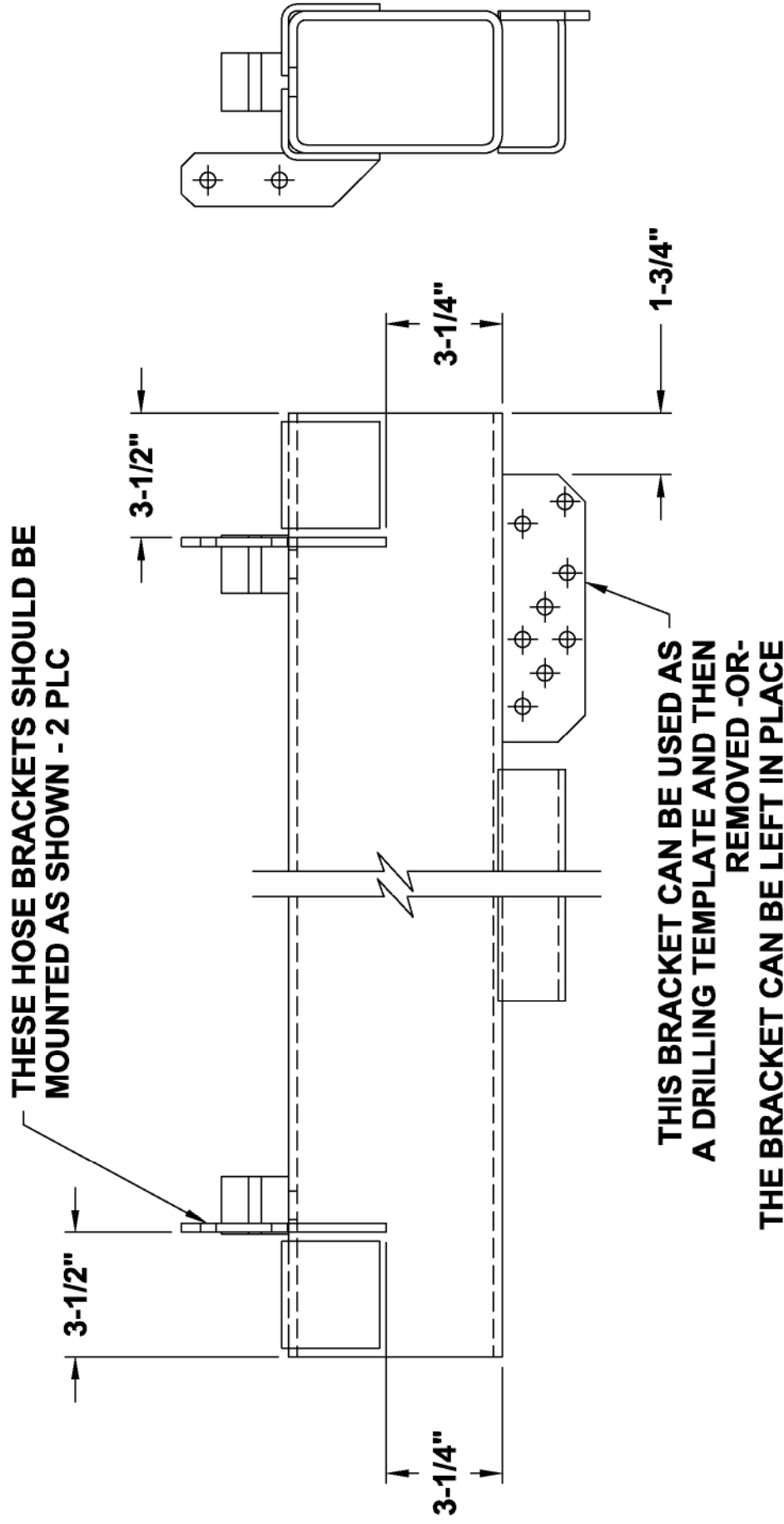
HOSE BRACKET LOCATIONS

24962-PH, 24962-PH/HD & 23962-PH

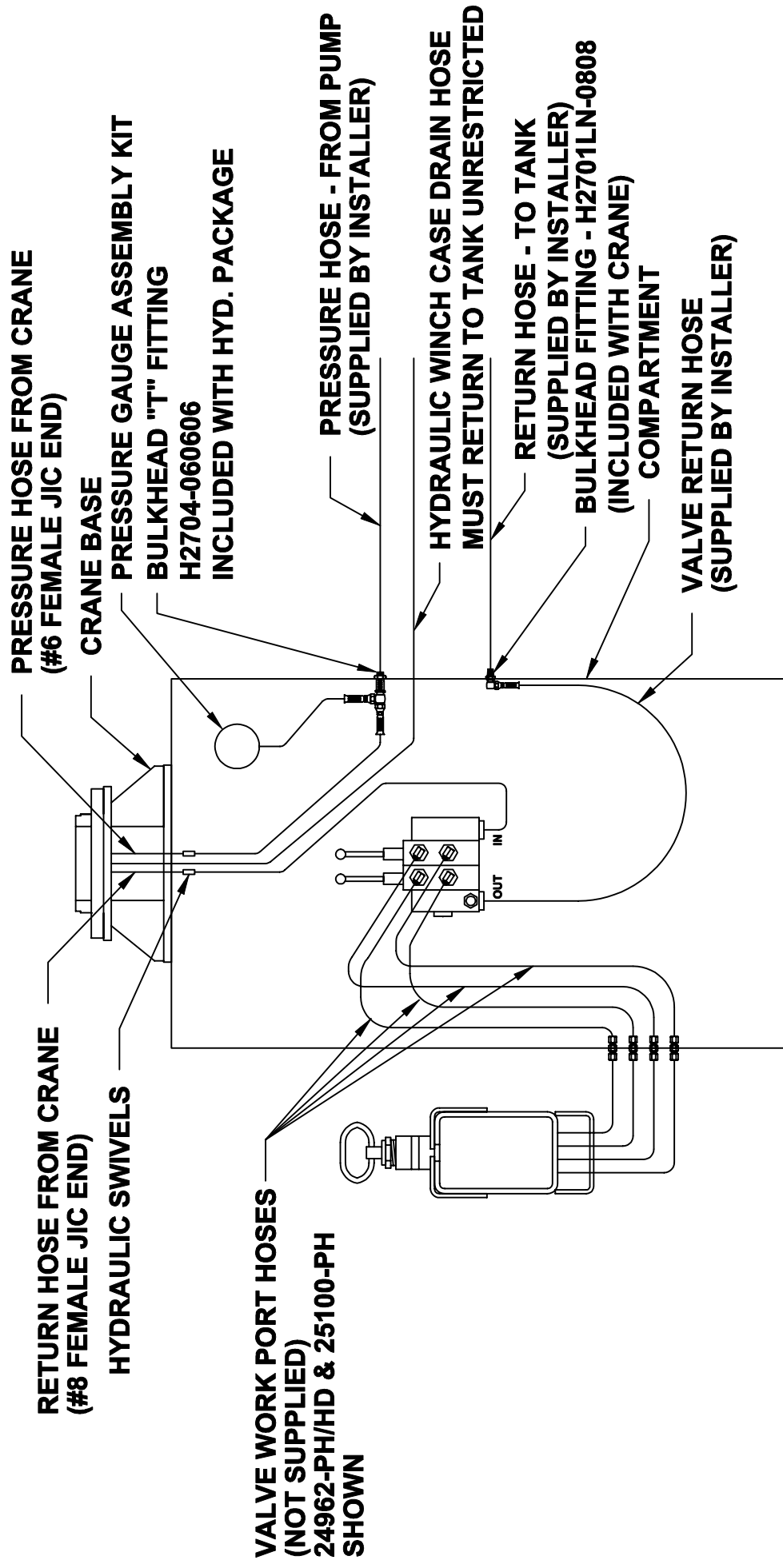


 MANUFACTURING, INC. CINCINNATI, OHIO	TITLE INSTALLATION DRAWING		DATE 3-2-05B	SECTION C200
	24962-PH, 24962-PH/HD & 23962-PH-II HYD. OUTRIGGER		SUPERSEDES 3-28-02A	22447

HOSE BRACKET LOCATIONS - 24962-PHX & 23962-PHX-II

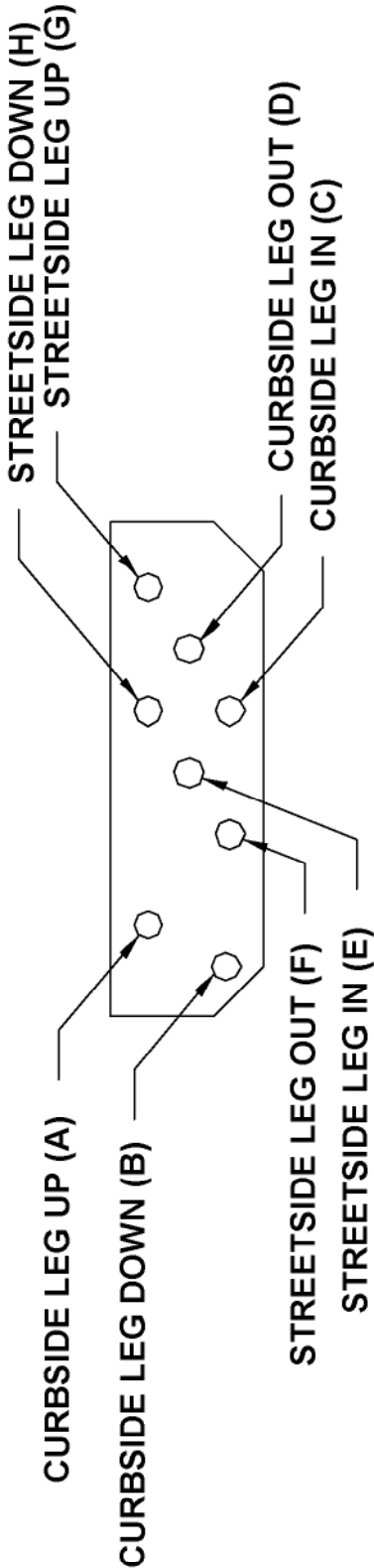
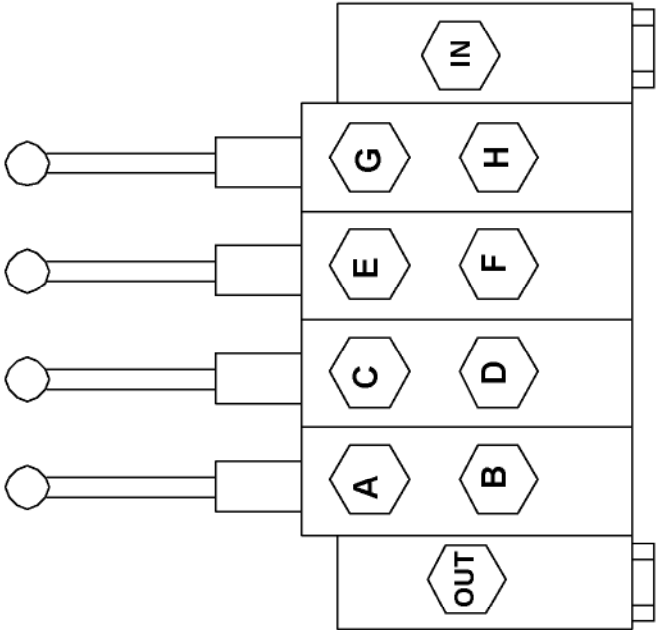


TYPICAL HYDRAULIC OUTRIGGER INSTALLATION
SEE REPLACEMENT PARTS DRAWING FOR ADDITIONAL INFORMATION



 MANUFACTURING, INC. CINCINNATI, OHIO	TITLE INSTALLATION DRAWING		DATE 7-6-10G	SECTION C200
	24962-PH ▲	SUPERSEDES 8-31-07F	22336	

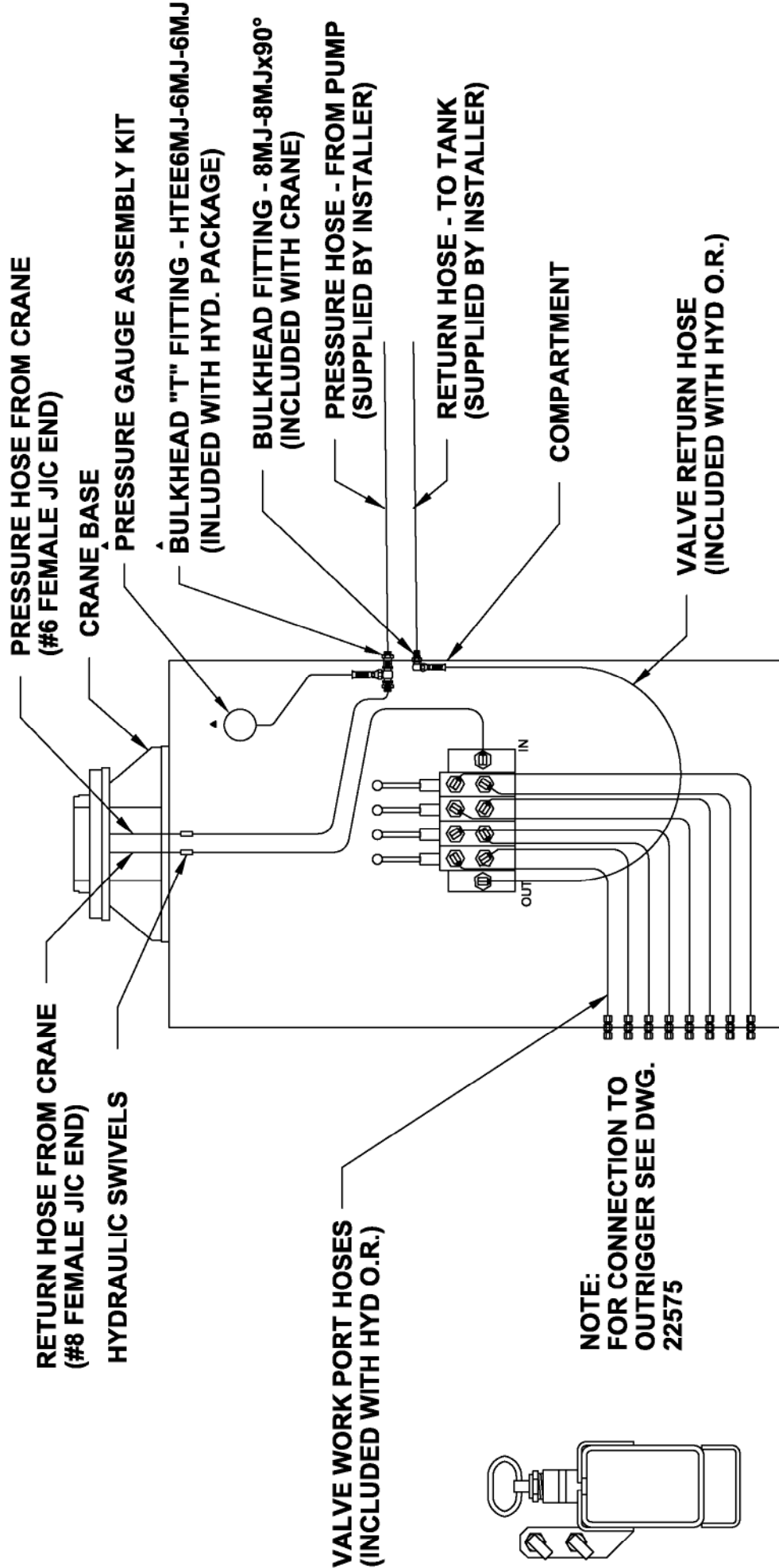
BULKHEAD FITTINGS LAYOUT



 MANUFACTURING, INC. CINCINNATI, OHIO	TITLE BULKHEAD FITTINGS LAYOUT		DATE 5-27-04A	SECTION C200
	25000-PHX ▲		SUPERSEDES 4-7-99	
				22575

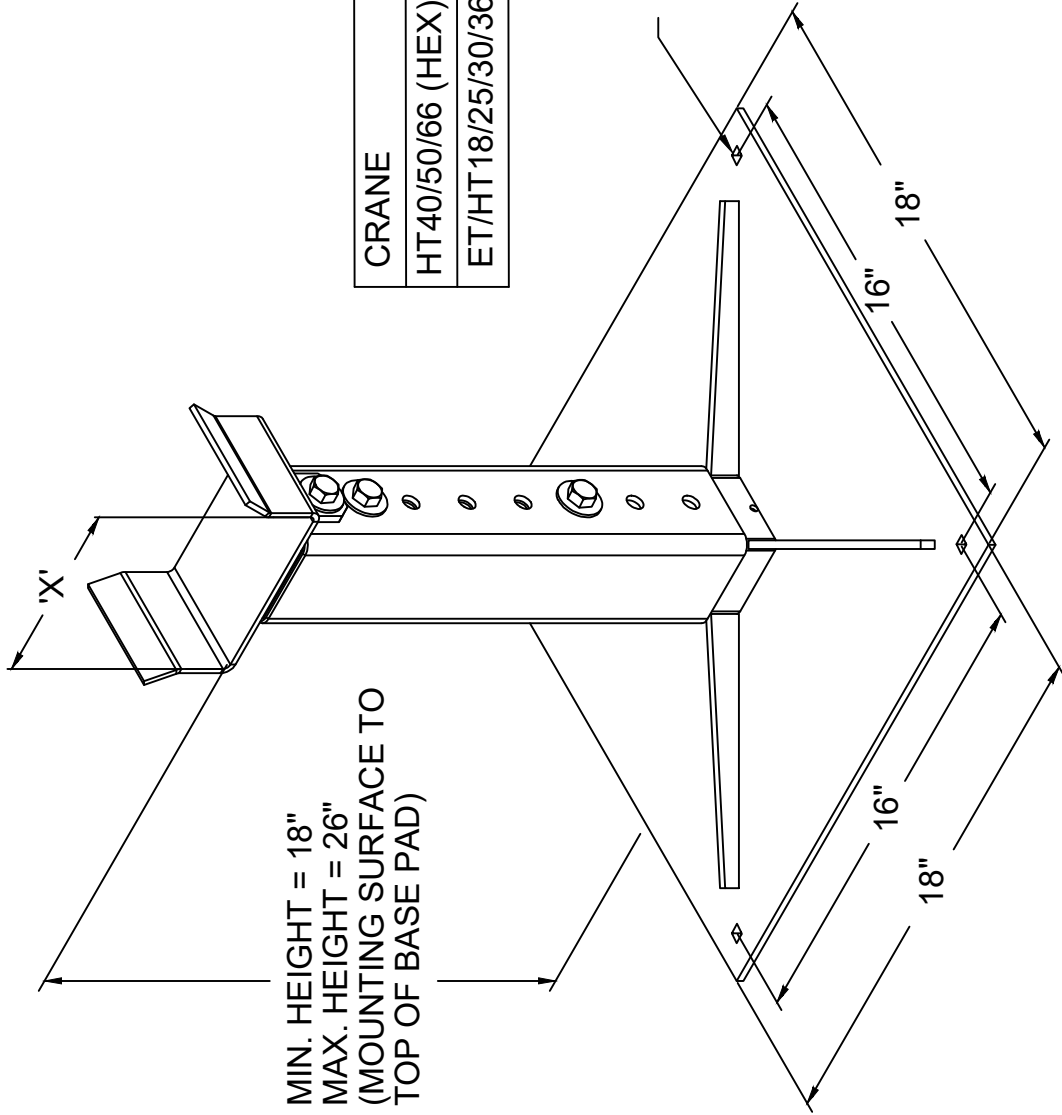
TYPICAL HYDRAULIC OUTRIGGER INSTALLATION

SEE REPLACEMENT PARTS DRAWING FOR ADDITIONAL INFORMATION



 MANUFACTURING, INC. CINCINNATI, OHIO	TITLE		DATE	SECTION
	INSTALLATION DRAWING		12-22-04B	C200
	25000-PHX OUTRIGGERS		SUPERSEDES	22678
			4-23-04A	

20381 ADJUSTABLE BOOM REST



CRANE	DIM 'X'	DASH No.
HT40/50/66 (HEX)	6 1/4"	20381-1
ET/HT18/25/30/36	5"	20381-2

NOTE: DESIGNED FOR $\frac{5}{16}$ " CARRIAGE BOLTS

WITH SINGLE ACTING
ELEVATION CYLINDER
MECHANICAL DEVICE IS
NEEDED TO SECURE
BOOM



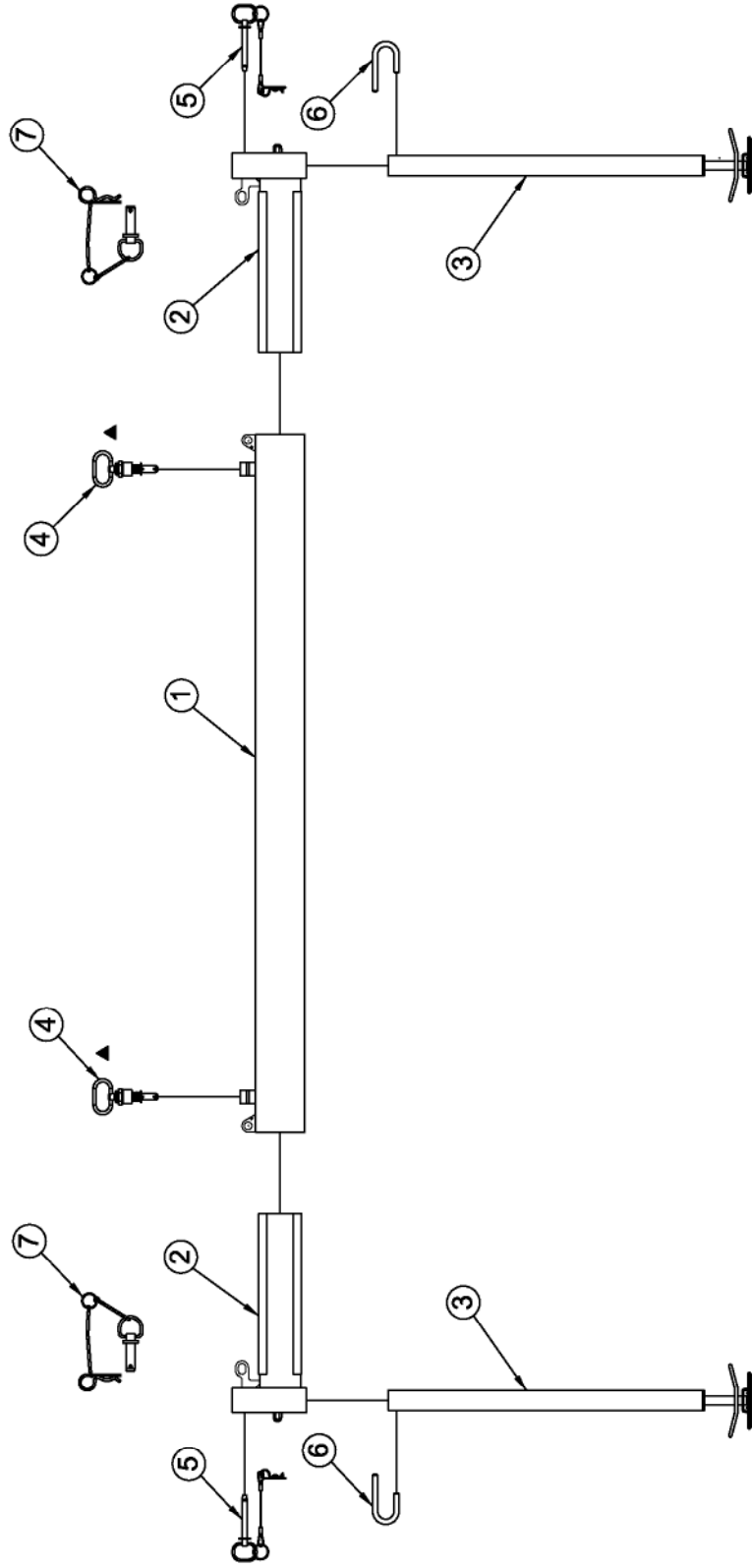
VENCO VENTURO INDUSTRIES LLC
CINCINNATI, OHIO

TITLE	DATE	SECTION
20381 ADJUSTABLE BOOM REST	03-03-23G	-
ET/HT16-66	SUPERSEDES 07-08-14F	
		20420

SECTION 400

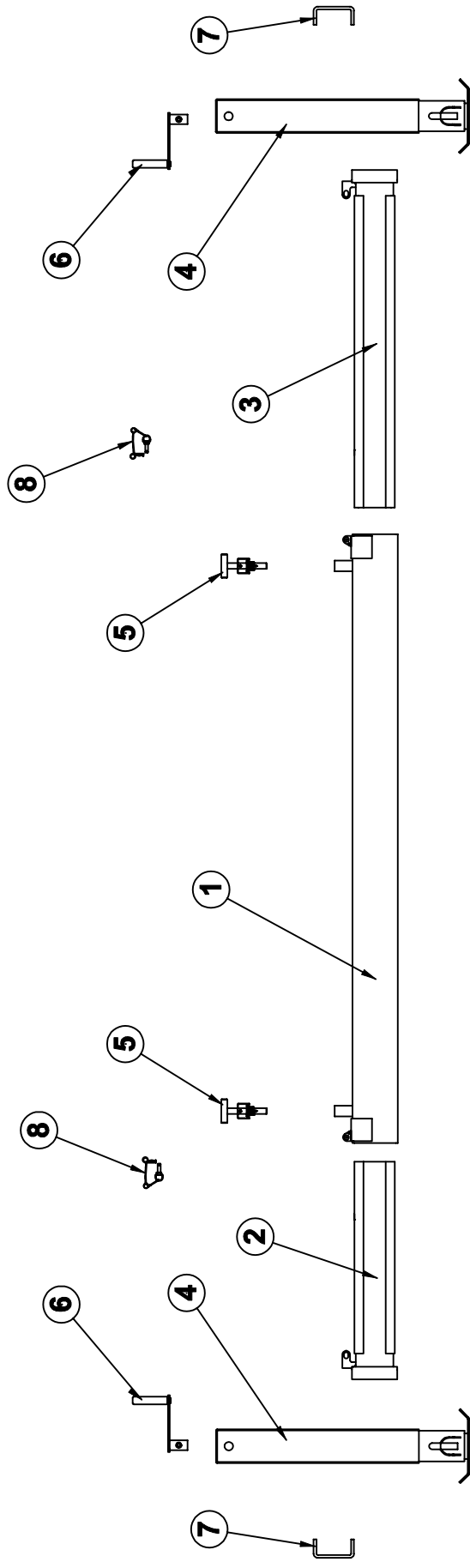
PARTS





7	2	24981	OUTRIGGER SECURITY PIN
6	2	23980	OUTRIGGER LEG HANDLE
5	2	23976	HITCH PIN WITH LANYARD
4	2	18520	SPRING LOADED PIN ASSY
3	2	24073-5	MANUAL DROP LEG
2	2	24967-1	PULLOUT
1	1	24965	CROSS TUBE WELDED ASSY
ITEM	QTY	PART NO	DESCRIPTION

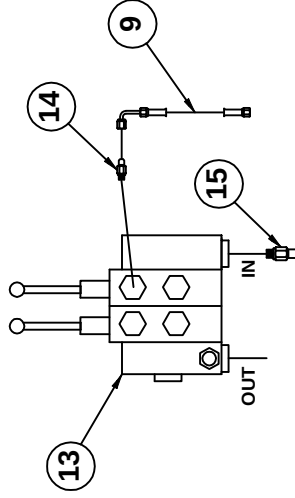
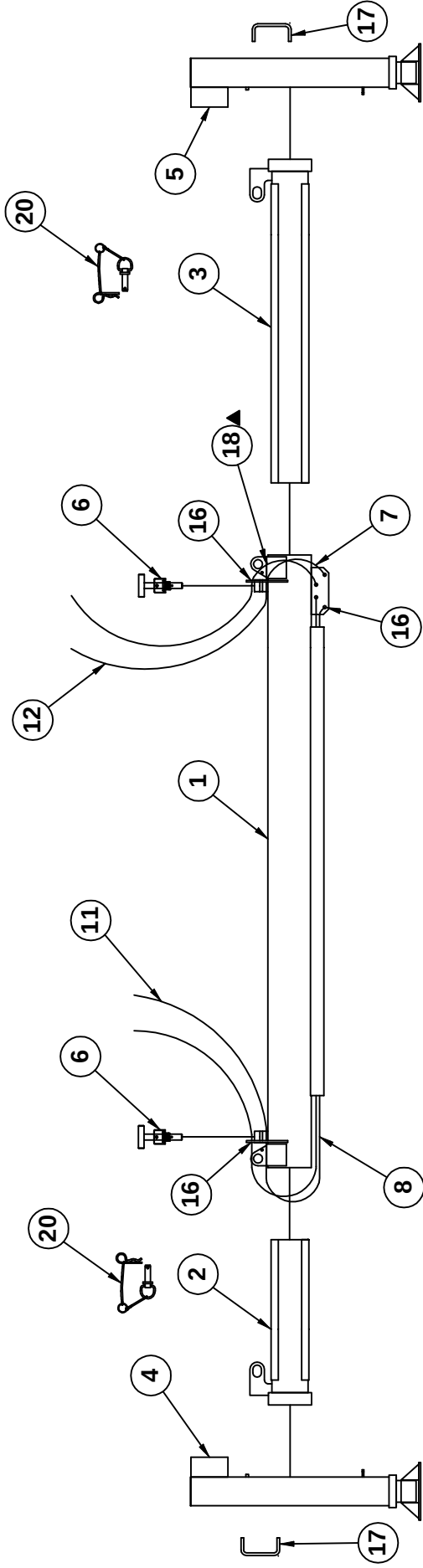
TITLE			DATE	SECTION
REPLACEMENT PARTS DWG & LIST			2-9-04B	C100
24971-FP FRONT OUTRIGGERS			SUPERSEDES 10-29-03A	23983



NOTE:
CUSTOMER TO WELD (3/16" BEAD) ITEM 4
(CRANK DOWN LEG) IN PLACE AFTER ADJUSTING
FOR PROPER GROUND CLEARANCE AND TRAVEL
CUSTOMER TO WELD (3/16" BEAD) ITEM 7
(HANDLE) IN PLACE IN A SUITABLE LOCATION.

8	2	24981	OUTRIGGER SECURITY PIN
7	2	19344	OUTRIGGER LEG HANDLE
6	2	19008	CRANK ASSEMBLY
5	2	22668	SPRING LOADED PIN ASSY
4	2	25120	CRANK DOWN LEG
3	1	22652	PULLOUT - LONG
2	1	22422	PULLOUT - SHORT
1	1	22425	CROSS TUBE WELDED ASSY
ITEM	QTY	PART NO	DESCRIPTION

VENTURO MANUFACTURING, INC. CINCINNATI, OHIO	TITLE		DATE	SECTION
	REPLACEMENT PARTS DWG & LIST		9-24-09E	-
	24962-CD MANUAL OUTRIGGERS		SUPERSEDES 3-16-06D	24958



NOTE: CUSTOMER TO WELD (3/16" BEAD) ITEM 17
(HANDLE) IN PLACE IN A SUITABLE LOCATION

ITEM	QTY	PART NUMBER	DESCRIPTION
20	2	24981	STABILIZER SECURITY PIN
19	-	-	-
18	1	25018	HOSE - 1/4" x 15-1/4" x 4FJ-4FJ
17	2	19344	HANDLE
16	8	H2701LN-0404	HYD BULKHEAD ELBOW - 4MJ-4MJ x 90°
15	1	H6400-0808	HYD TUBE ADAPTER - 8MJ-8MO
14	4	H6400-0408	HYD TUBE ADAPTER - 4MJ-8MO
13	1	22444	TWO FUNCTION VALVE - 2000 PSI RELIEF
12	2	22443	HOSE - 1/4" x 46" x 4FJ-4FJ
11	2	22442	HOSE - 1/4" x 30" x 4FJ-4FJ
10	-	-	-
9	4	22437	HOSE - 1/4" x 48" x 4FJ-4FJx90°
8	2	22436	HOSE - 1/4" x 84" x 4FJ-4FJx90°
7	1	22435	HOSE - 1/4" x 13 1/4" x 4FJ-4FJ
6	2	22668	SPRING LOADED PIN ASSY
5	1	22465-2	HYD LEG ASSY - RIGHT
4	1	22465-1	HYD LEG ASSY - LEFT
3	1	22652	PULLOUT - LONG
2	1	22422	PULLOUT - SHORT
1	1	22637	CROSS TUBE WELDED ASSY
ITEM	QTY	PART NUMBER	DESCRIPTION

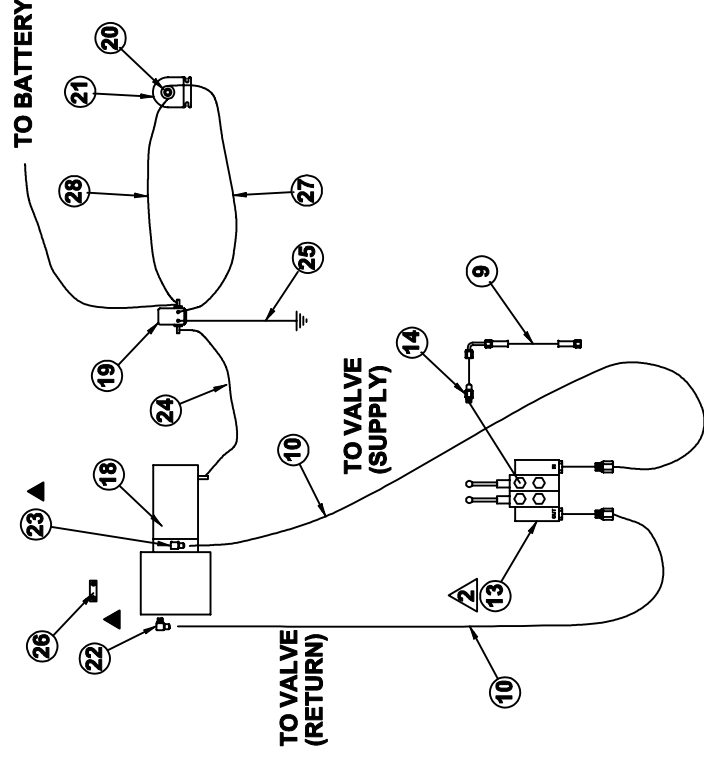
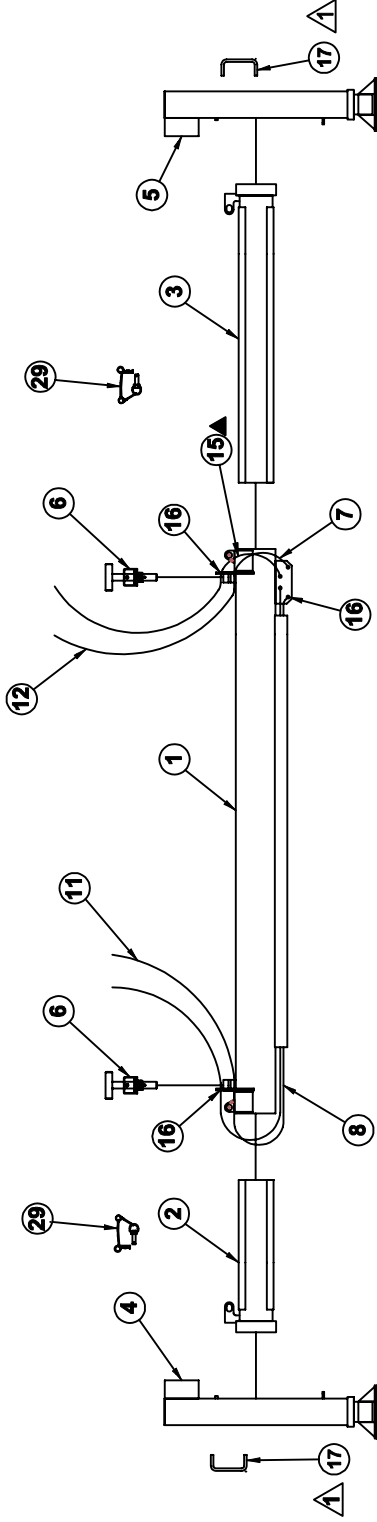


MANUFACTURING, INC.
CINCINNATI, OHIO

REPLACEMENT PARTS DWG & LIST

24962-PH HYDRAULIC STABILIZERS

TITLE	DATE	SECTION
REPLACEMENT PARTS DWG & LIST	12-19-12E	-
24962-PH HYDRAULIC STABILIZERS	SUPPERSEDES 10-18-01D	24959



1 NOTE: CUSTOMER TO WELD (3/16" BEAD) ITEM 17 (HANDLE) IN PLACE IN A SUITABLE LOCATION

2 NOTE: POWER BEYOND PORT IS NOT USED - SHOULD BE PLUGGED.

ITEM	QTY	PART NUMBER	DESCRIPTION
29	2	24981	OUTRIGGER SECURITY PIN
28	1	20134-1	WIRE - CONTACTOR TO SWITCH
27	1	20134	WIRE - CONTACTOR TO SWITCH
26	1	17284	MOUNTING SPACER
25	1	20135	GROUND CABLE
24	1	20133	BATTERY CABLE
23	1	H2501-0806	HYDRAULIC ELBOW 8MJ-6MP x 90°
22	1	H2501-0804	HYDRAULIC ELBOW 8MJ-4MP x 90°
21	1	19402	BRACKET FOR 19401
20	1	17769	MOMENTARY PB SWITCH
19	1	15831C	CONTACTOR
18	1	17260-1	HYDRAULIC POWER UNIT
17	2	19344	HANDLE
16	8	H2701LN-0404	HYD BULKHEAD ELBOW - 4MJ-4MJ x 90°
15	1	25018	HOSE - 1/4" x 15-1/4" x 4FJ-4FJ
14	4	H6400-0408 ▲	HYD TUBE ADAPTER - 4MJ-8MO
13	1	22444-LPB	TWO FUNCTION VALVE - LESS PWR BEYOND
12	2	22443	HOSE - 1/4" x 46" x 4FJ-4FJ
11	2	22442	HOSE - 1/4" x 30" x 4FJ-4FJ
10	2	22438	HOSE - 3/8" x 60" x 8MO-8FJ
9	4	22437	HOSE - 1/4" x 48" x 4FJ-4FJx90°
8	2	22436	HOSE - 1/4" x 84" x 4FJ-4FJx90°
7	1	22435	HOSE - 1/4" x 13 1/4" x 4FJ-4FJ
6	2	22668	SPRING LOADED PIN ASSY
5	1	22465-2	HYD LEG ASSY - RIGHT
4	1	22465-1	HYD LEG ASSY - LEFT
3	1	22462	PULLOUT - LONG
2	1	22422	PULLOUT - SHORT
1	1	22637	CROSS TUBE WELDED ASSY

MANUFACTURING, INC.
CINCINNATI, OHIO

TITLE
REPLACEMENT PARTS DWG & LIST

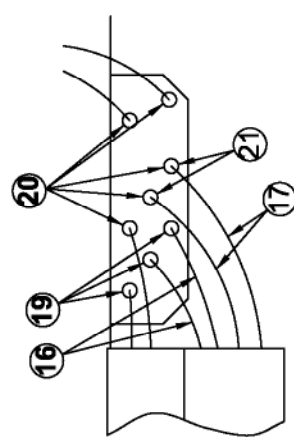
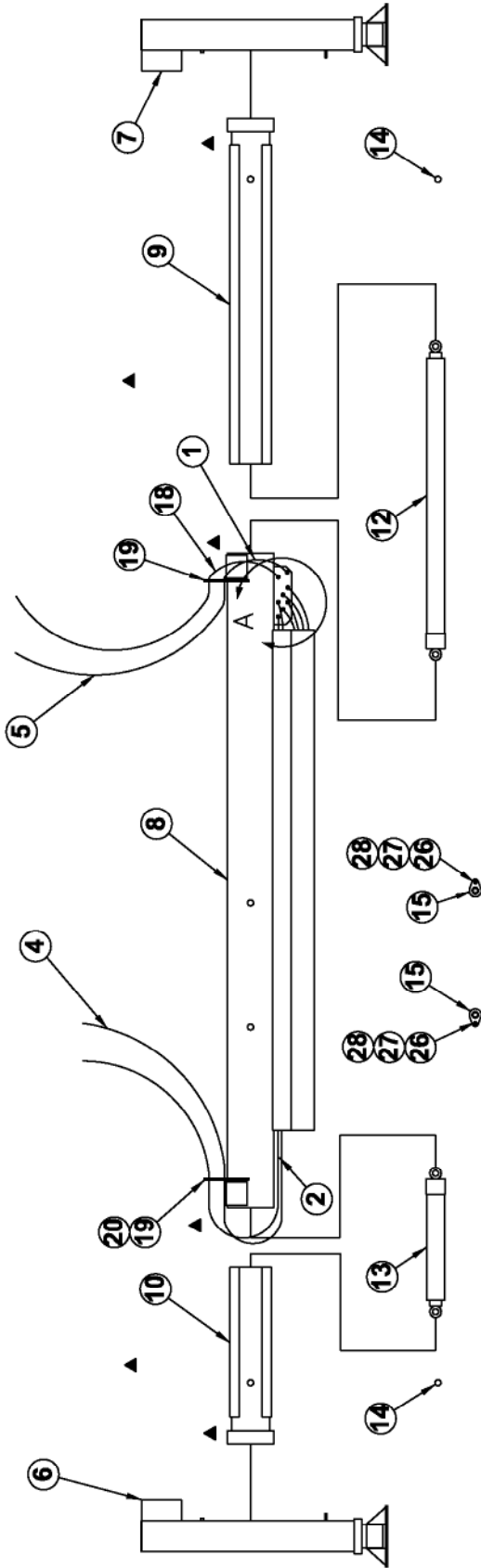
DATE
11-17-10E

SUPERSEDES
8-17-05D

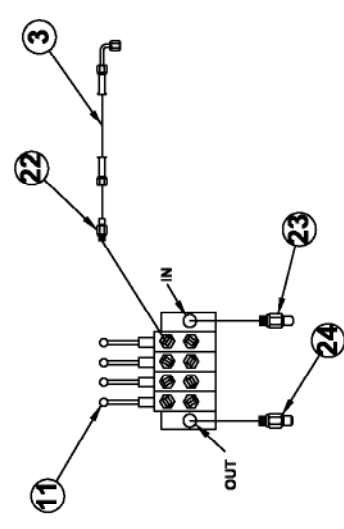
SECTION
-

24962-PHE HYD. OUTRIGGERS

24960



DETAIL A



ITEM	QTY	PART NUMBER	DESCRIPTION
30	-	-	-
29	-	-	-
28	2	IFWSH-025	FLAT WASHER, 1/4
27	2	ILWSH-025	LOCK WASHER, 1/4
26	2	IHHCS02520063	HEX HEAD CAP SCREW - 1/4-20 X 5/8 LONG
25	-	-	-
24	1	H6400-0810	HYD TUBE ADAPTER - 8MJ-10MO
23	1	H6400-0808	HYD TUBE ADAPTER - 8MJ-8MO
22	8	H6400-0408	HYD TUBE ADAPTER - 4MJ-8MO
21	2	H6500-0404	HYD ELBOW - 4MJ-4FJ x 90°
20	6	H2700LN-0404	HYD BULKHEAD UNION - 4MJ-4MJ
19	6	H2701LN-0404	HYD BULKHEAD UNION ELBOW - 4MJ-4MJ x 90°
18	1	25018	HOSE - 1/4" x 15-1/4" x 4FJ-4FJ
17	2	22571	HOSE - 1/4" x 60" x 6MO-4FJ
16	2	22570	HOSE - 1/4" x 47" x 6MO-4FJ
15	2	22592	PIN - CROSS TUBE ASSEMBLY
14	2	22558	PIN - CROSS TUBE ASSEMBLY
13	1	22557	CYLINDER - 2" BORE, 12" STROKE
12	1	22556	CYLINDER - 2" BORE, 36" STROKE
11	1	22555	MONARCH "SALAMI" 4-VALVE BLOCK
10	1	22554	PULLOUT WELDED ASSEMBLY - SHORT
9	1	22553	PULLOUT WELDED ASSEMBLY - LONG
8	1	22552	CROSS TUBE WELDED ASSEMBLY
7	1	22465-2	HYD LEG ASSY - RIGHT
6	1	22465-1	HYD LEG ASSY - LEFT
5	2	22443	HOSE - 1/4" x 46" x 4FJ-4FJ
4	2	22442	HOSE - 1/4" x 30" x 4FJ-4FJ
3	8	22437	HOSE - 1/4" x 48" x 4FJ-4FJx90°
2	2	22436	HOSE - 1/4" x 84" x 4FJ-4FJx90°
1	1	22435	HOSE - 1/4" x 13 1/4" x 4FJ-4FJ

MANUFACTURING, INC.
CINCINNATI, OHIO

TITLE
REPLACEMENT PARTS DWG & LIST

24962-PHX HYDRAULIC OUTRIGGERS

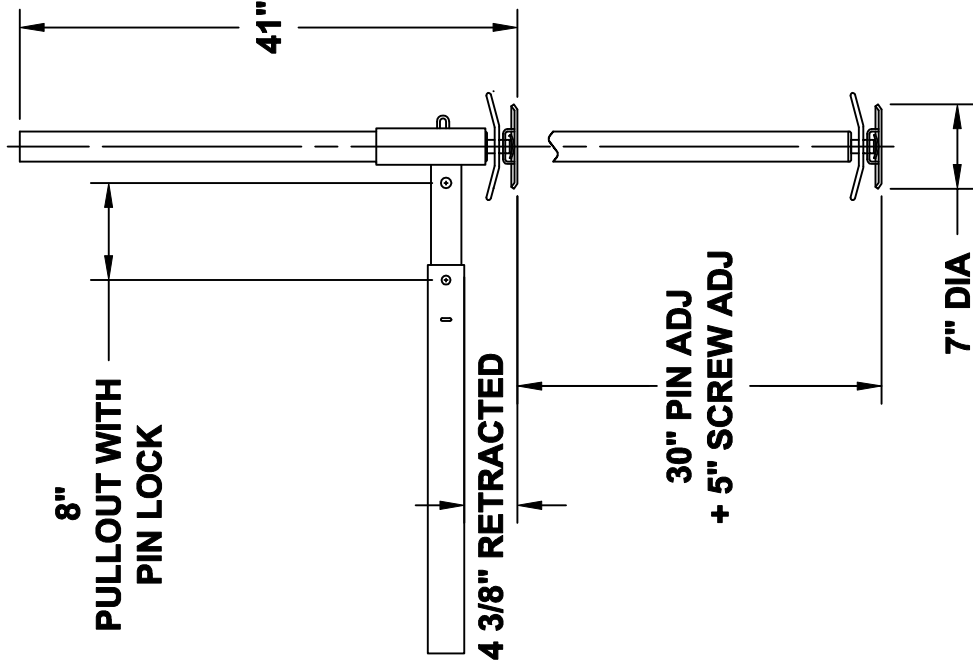
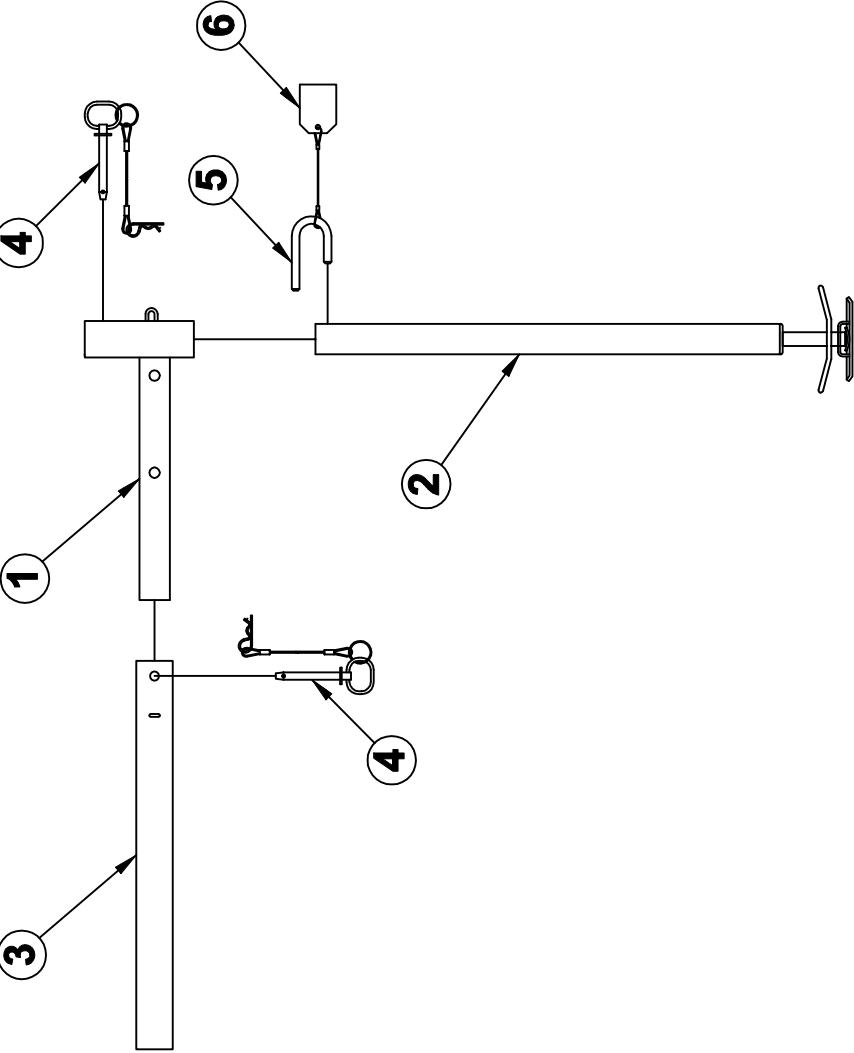
DATE
2-22-05K

SUPERSEDES
10-18-04J

SECTION
C400

24957

23962-2 STABILIZER



ITEM	QTY	PART NO.	DESCRIPTION
6	1	14517	TAG - HANDLE INSTALLATION
5	1	23980	STABILIZER LEG HANDLE
4	2	23976	HITCH PINS WITH LANYARDS
3	1	23962-4	STUB MOUNTING TUBE
2	1	24073-4-ASSY	SECONDARY LEG ASSEMBLY
1	1	23979	STUB STABILIZER

TITLE	DATE	SECTION
INSTALLATION DRAWING	10-02-12F	C100
ET18KX - HT50KX	SUPERSEDES 03-03-05E	23962-2I



VENTURO CRANES LIMITED WARRANTY POLICY

Venturo products are built to last...we guarantee them.

As a purchaser of any new Venturo product covered by warranty, you will receive 1 year of the most complete coverage available...and, at no added cost to you.

1-Year Limited Warranty Policy

This limited policy warrants new products of Venturo to be free from defects in material and workmanship for a period of one (1) year from date of original installation. OEM products or accessories purchased by Venturo as part of or offered with our product will carry the OEM manufacturer's respective warranty. Our warranty covers:

- ***Repair or replacement of product***
- ***Labor to repair or replace product***
- ***Freight to return and/or replace product***

We shall not be liable for any contingent liabilities arising out of the improper function of any products. Warranty shall become void if the product is improperly installed, modified, damaged, abused or used for application other than intended use. There is no warranty of merchantability, fitness for a particular purpose, warranty arising from course of dealing or usage of trade, or any other implied or expressed warranty, except as made specifically herein. This warranty supersedes all previous warranties, written or implied.

Warranty Claims

Venco Venturo Industries LLC will make a good faith effort for prompt correction or other adjustment with respect to any product, which proves to be defective after our inspection and within the warranty period. Before any repairs are attempted or before returning any product, your Venturo Distributor is required to obtain a warranty claim number. This number is necessary for any claim to be considered. To obtain a warranty claim number, Venturo requires the model and serial number. Only authorized Venturo Distributors can perform warranty. For the name and address of your local Venturo Distributor call the **Warranty Claim Department - 513-772-8448**.

WARNING - It is the responsibility of the installer to ensure the installation is completed according to the manufacturer's recommendations, ensure the ultimate user understands how to operate product in a safe manner, and understands the need for regular service and maintenance by an authorized Venturo Distributor. No modifications or alterations may be made to any Venturo product without the expressed written consent of Venco Venturo Industries LLC. Installation of any Venturo product must be done by an authorized Venturo Distributor, to the standards of the industry; including maintenance, service and affixing of all instruction, safety and warning decals. Users should be instructed as to the safe operation at time of delivery. Maintenance, service, operation and safety warning decals are available on request from Venco Venturo Industries LLC.

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