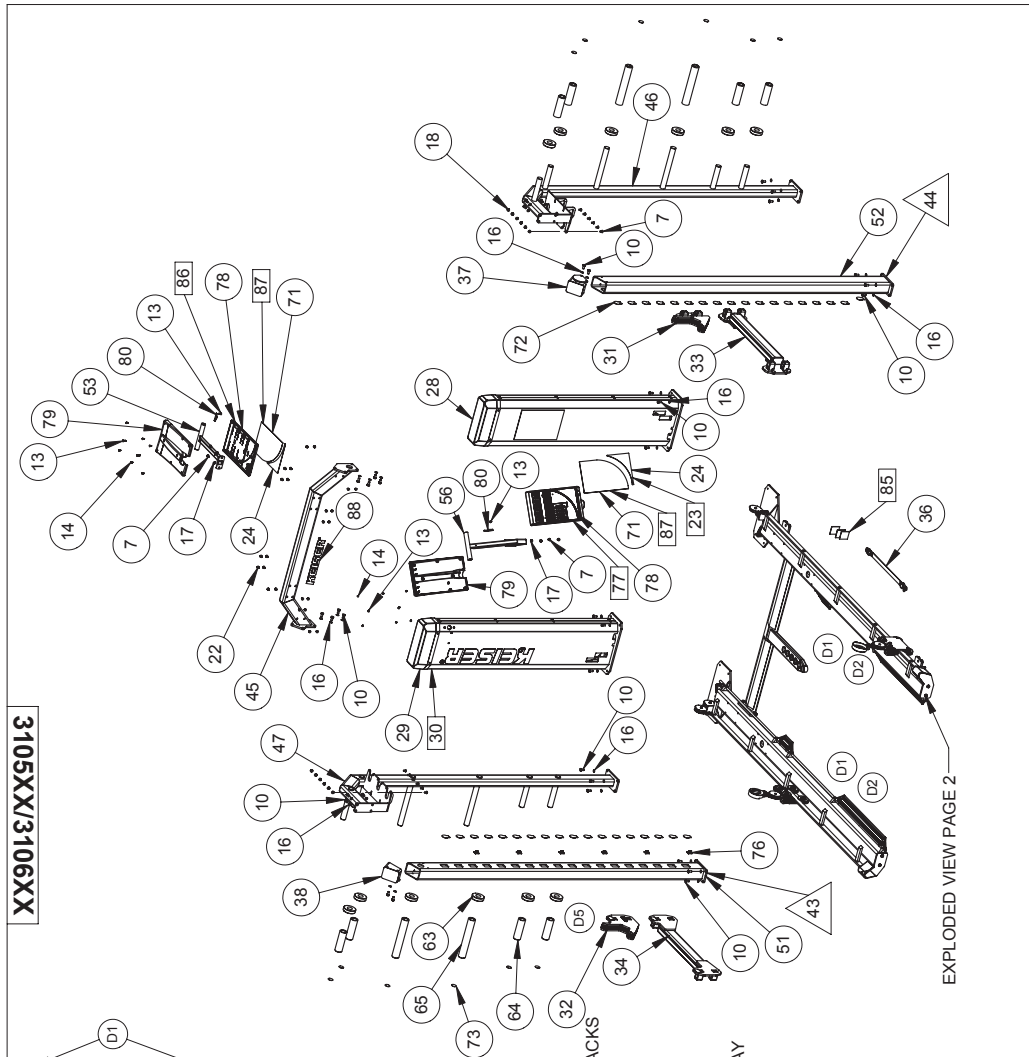


ITEM NO.	QTY.	DS	PART NO.	TITLE
1	2	A	8025	UNION 3/8C X 1/4C
2	4	A	8053	TUBE - INSERT-1/8
3	1	A	8225	TEE - 1/4C X 1/4C X 1/8
4	4	A	9002	PIN SPRING - 3/16 X 7/8
5	10	A	9078	SCREW - SCCHCS 3/8-16 X 3/4 ZP
6	10	A	9108	SCREW - SHCS 1/4-20 X 1 ZP
7	16	A	9121	SCREW - SHCS 5/16-18 X 1/2 ZP
8	6	A	9157	SCREW - HHCS 1/4-20 X 1 GR5 ZP
9	2	A	9165	SCREW - SHCS 5/16-18 X 1/2 ZP
10	52	A	9200	SCREW - HHCS 3/8-16 X 3/4 ZP
11	6	A	9242	NUT - HEJN 1/4-20 ZP
12	2	A	9254	SCREW - HHMS #10-24 X 1-1/4 ZP
13	6	A	9285	SCREW - CRPHTS-TF 10-24 X 3/4 ZP
14	12	A	9291	SCREW - CRPHTS-TAB 8 X 1/2 ZP
15	8	A	9298	SCREW - SCCHCS 10-24 X 3/4 ZP
16	52	A	9355	WASHER - FW-ACFT-3/8 ZP
17	4	A	9389	WASHER - ITLW 5/16 ZP
18	12	A	9394	NUT - HAN 5/16-18
19	2	A	9997	COMPRESS NUT 3/8
20	1	A	105013	IN-LINE TEE 3/8
21	1	A	105443	DECAL - SERIAL NUMBER
22	24	A	115402	PLUG - HOLE-3/8 DIA
23	1	A	295603	PLACARD - ENG-KEY
24	2	A	295604	PLAC - ENG-LOWDISP
25	12	A	305682	BUSHING - 026067029
26	8	A	305685	PULLEY - 2.500 DIAMOLDED
27	4	A	305412	SLEEVE - ROPE
28	1	B	310600	L POWER MODULE
29	1	B	310601	R POWER MODULE
30	1	A	310607	R POWER MODULE-PWR
31	1	A	310632	BAR CATCH - L-FW
32	1	A	310633	BAR CATCH - R-FW
33	1	B	310634	SPOTTING BAR - CANT-L
34	1	B	310635	SPOTTING BAR - CANT-R
35	2	A	310643	PULLEY CARRIAGE
36	1	A	310649	EXT STRAP-SET
37	1	A	310697	WELDT - L MITER CAP-FW
38	1	A	310698	WELDT - R MITER CAP-FW
39	1	B	310617	WELDT - L BOT FRAME-FW 05 LONG
40	1	B	310618	WELDT - R BOT FRAME-FW 05 LONG
41	1	B	310619	WELDT - L PULLEY RAIL-FW 06 LONG
42	1	B	310620	WELDT - R PULLEY RAIL-FW 06 LONG
43	1	B	310621	WELDT - L POST-9
44	1	B	310622	WELDT - L POST-9
45	1	B	310627	WELDT - CROSS BRACE W DIS-FW
46	1	B	310641	WELDT - L WEIGHT STORAGE-FW
47	1	B	310642	WELDT - R WEIGHT STORAGE-FW
48	1	A	310643	BOT CROSS FRAME - FW
49	1	A	310644	WELDT - L PULLEY COVER-FW
50	1	A	310645	WELDT - R PULLEY COVER-FW
51	1	B	310660	WELDT - L POST-8
52	1	B	310661	WELDT - L POST-8
53	1	B	310665	WELDT - DISPLAY MT-UPPER-FW
54	1	A	310677	PIVOT LINK - R
55	1	A	310678	PIVOT LINK - L
56	1	B	311002	DISPLAY MT
57	2	A	311821	PLATE - LINK
58	4	A	315001	HOUSING - PULLEY-BARBELL
59	2	A	315002	HOUSING - AIR ATTACH-BARBELL
60	2	A	315003	KNOB - ROPE-HOUSING
61	2	A	315025	FOOT ADJ - EXTR-21.530
62	2	A	315026	FOOT ADJ - EXTR-3.250
63	12	A	315050	COLLAR - WT STORAGE-FW
64	8	A	315053	SLEEVE - WT STORAGE-101B
65	4	A	315055	SLEEVE - WT STORAGE-151B
66	10	A	315059	HOLDER - PEDAL
67	4	A	315075	CAP - FOOT ADJ-L
68	4	A	315076	CAP - FOOT ADJ-R
69	4	A	315402	PAD - FOOT-FW
70	4	A	315413	SPRING - EXT-FOOT PEDAL
71	2	A	315600	PLAC - ENG-RACK-POWER
72	2	B	315611	DECAL-POSITION & LOCK-FW
73	2	A	315612	DECAL-WEIGHT STORAGE
74	4	A	315618	DECAL - FOOT ADJ-PLUS

XX901S/XX901S



- # PARTS USED IN COMMON ASSEMBLY AND 8' RACKS
(MODELS: 3105PP, 3105PS, 3105XP, 3106XS)
- # PARTS USED FOR 9' RACKS
(MODELS: 3106PP, 3106PS, 3106XP, 3106XS)
- # PARTS USED FOR RACKS WITH POWER DISPLAY
(MODELS: 3105PP, 3105XP, 3106PP, 3106XP)

NOTE:

- (1) 3105XX/3106XX COVERS THE FOLLOWING MODELS: 3105PP, 3105PS, 3105XP, 3105XS, 3106PP, 3106PS, 3106XP, 3106XS
- (2) REFER TO MEMO IN WINMAGI FOR COLOR SPECS

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DIMENSIONS IN () ARE MILLIMETERS
BUSHING AND PULLEY (10-24 X 3/4) IS
MACHINED SURFACE FINISH IS
63 MICRONS (1.6 MICROMETERS)

DO NOT SCALE DRAWINGS

BY	MAC	DATE	CHECKED	DEM	DATE
/	/	07/09/07	/	/	1/7/08

MATERIAL: -
RAW MAT: -

TITLE: 8' & 9' HALF RACK
SCALE: 1:30
DRAWING SIZE: B
PART: 3105XX/3106XX

REV ECO REVISION DESCRIPTION

BY MCA DLK 9/3/10
BY MCA DLK 9/3/10
BY MCA DLK 9/3/10

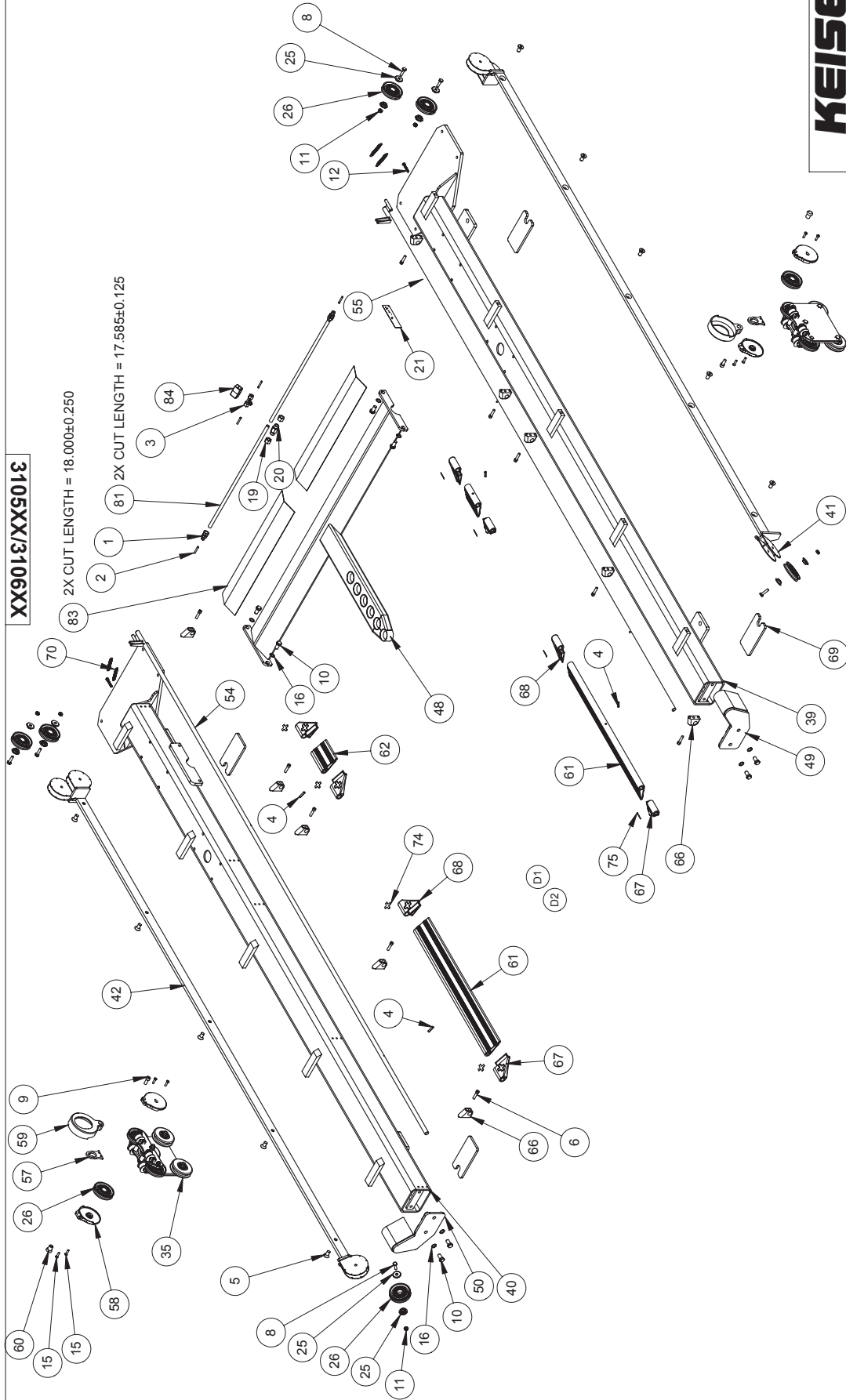
DATE 9/3/10
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3072 (3) WAS QTY 6 (4) PICTORIAL UPDATE
3072 900812 (2) REMOVE 9001, 9056, 310966, 312161, 315000, 315004, 315606
3072 (1) ADD 9002, 310849, 315025, 315026, 315076, 315618, 315619

3105XX/3106XX

3105XX/3106XX



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BREAK DIMENSIONS () ARE IN ()
MACHINED SURFACE FINISH IS
63 MICRONS (1.6 MICROMETERS)
DO NOT SCALE DRAWINGS

REV	ECO	DESCRIPTION	BY	CHK	DATE	DRAWN	MAC	07/09/07	CHECKED	DEM	DATE	CHECKED
-	-	-	-	-	-	-	-	-	-	-	-	-
D	3072	(3) WAS QTY 6 (4) REMOVE VIEW (5) PICTORIAL UPDATE	MCA	DLK	9/3/10	-	-	-	-	-	1/7/08	-
D	3072	990812 (2) REMOVE 9001, 9056, 310966, 312161, 315000, 315004, 315606	MCA	DLK	9/3/10	-	-	-	-	-	-	-
D	3072	(1) ADD 9002, 310849, 315025, 315076, 315076, 315618, 315619,	MCA	DLK	9/3/10	-	-	-	-	-	-	-
REV	ECO	REVISION DESCRIPTION	BY	CHK	DATE	DRAWN	MAC	07/09/07	CHECKED	DEM	DATE	CHECKED

8' x 9' HALF RACK

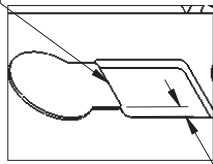
DRAWING SIZE: 1:12

SHEET 2 OF 5

PART# 3105XX/3106XX

3105XX/3106XX

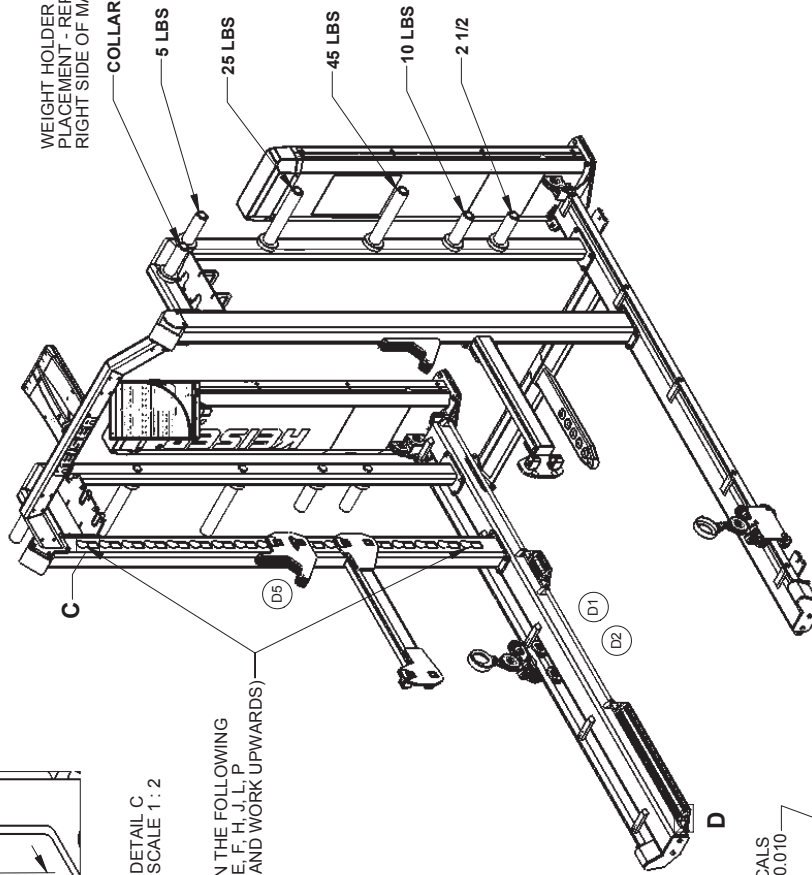
PARALLEL AND TOUCHING
TOP EDGE OF CUTOUT



36X 0.135±0.0625

DETAIL C
SCALE 1 : 2

POSITION DECALS IN THE FOLLOWING
ORDER: 1-9, 0, A, C, E, F, H, J, L, P
(BEGIN AT BOTTOM AND WORK UPWARDS)

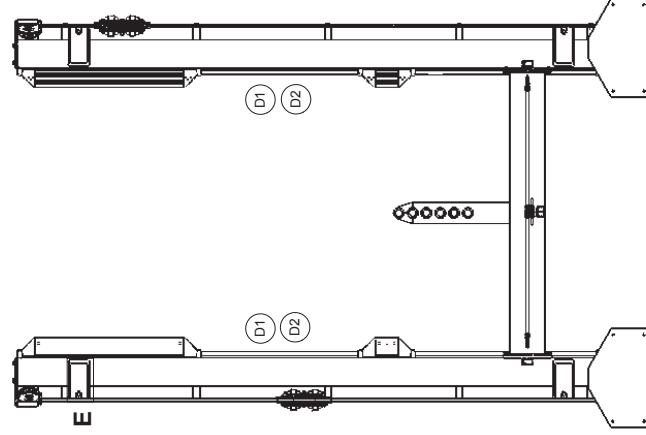
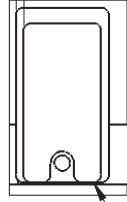


4X APPLY 3M-SUPER 90 SPARY
ADHESIVE TO TOP SURFACE OF
PADDING. LET DRY UNTIL TACKY.
THEN APPLY TO BOT FRAME WELDT.

TOUCH END OF PADDING TO
EDGE OF PLATE AS SHOWN

DETAIL E
SCALE 1 : 4

4X 0.250±0.125



8X CENTER DECALS
IN RECESSES ±0.010



DETAIL D
SCALE 1 : 4

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BROUGHT TO FINISH (0.0015" (0.038)
MACHINED SURFACE FINISH IS
63 MICRONS (1.6 MICROMETERS)
DO NOT SCALE DRAWINGS

CHECKED
BY: 07/09/07
DATE: 1/7/08

DEM
1/7/08

CHECKED
BY: 07/09/07
DATE: 1/7/08

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BY: 07/09/07
DATE: 1/7/08

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BY: 07/09/07
DATE: 1/7/08

8' & 9' HALF RACK

1:18

4 OF 5

SHEET

BY: MCA

DLK

9/3/10

DATE: 9/3/10

DATE: 9/3/10

DATE: 9/3/10

DATE: 9/3/10

DATE: 9/3/10

DATE: 9/3/10

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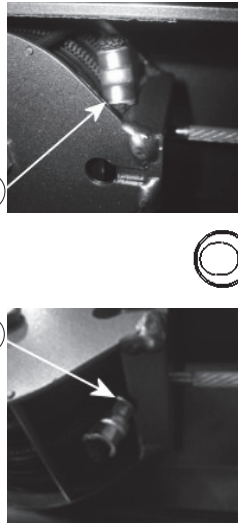
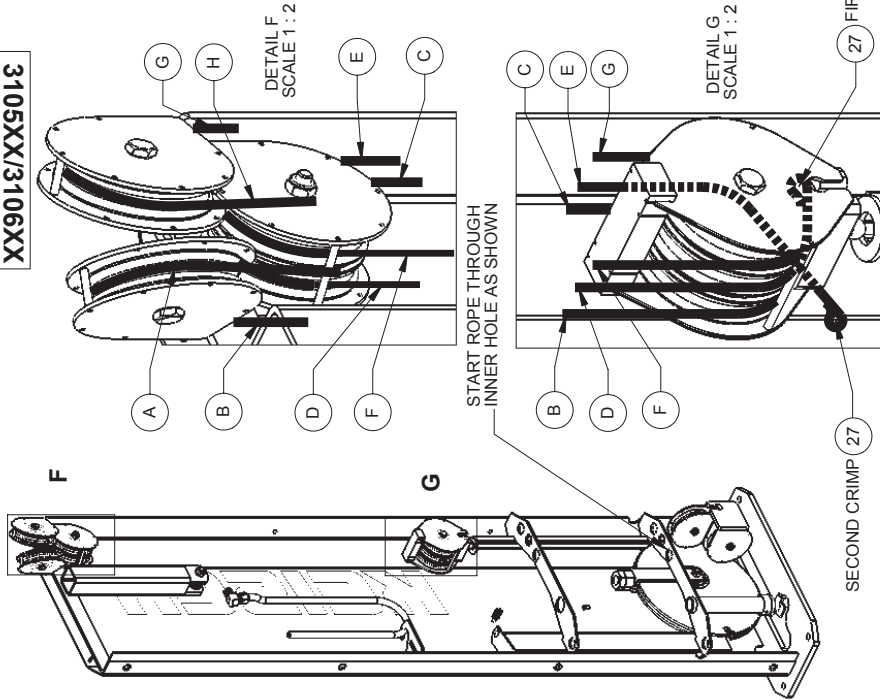
DATE: 9/3/10

3105XX/3106XX

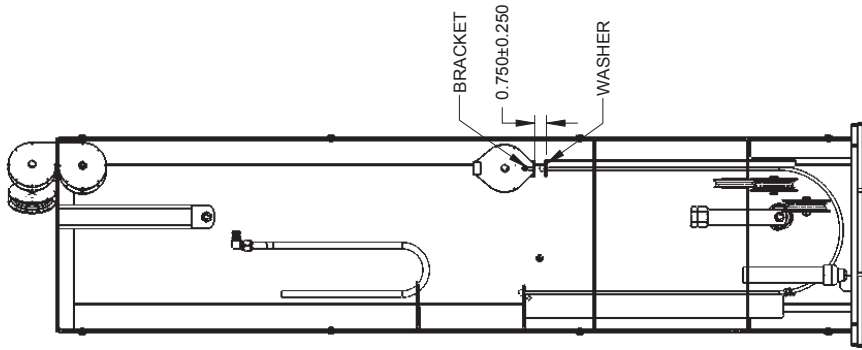
82 ROPE - 5mm POLYESTER/NYLON
SINGLE MODULE CUT LENGTH = 516.000 ± 6.000 (43.0 FT ± 0.5 FT)

ROPING INSTRUCTIONS:

1. REFER TO DETAIL VIEWS F AND G AND ROUTE ROPE THROUGH PULLEYS. MATCH LETTERS, A TO A, B TO B, ETC... FOR CORRECT ROUTING FROM VIEW TO VIEW.
2. INSTALL FIRST CRIMP AS SPECIFIED IN DETAIL G. CUT OFF EXCESS ROPE, AND BURN THE END TO KEEP IT FROM FRAYING (SEE THE PICTURE FOR DETAIL).
3. PRESSURIZE CYLINDER TO 20 PSI.
4. INSTALL 2ND CRIMP SO THAT THERE IS A 3/4" GAP BETWEEN THE LOWER BRACKET AND THE PULLEY CABLE GUIDE WASHER (SEE SKETCH FAR RIGHT) THEN CRIMP, CUT, AND BURN THE FREE END. (SEE THE PICTURE FOR DETAIL)
5. REPEAT FOR ADJACENT MODULE.



CUT AND BURN FREE END



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CHECKED
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DATE
1/7/08

CHECKED
BY

DATE
07/09/07

CHECKED
BY

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07/09/07

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07/09/07

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BY

DATE
07/09/07

8' & 9' HALF RACK

1:8 DRAWING
SIZE

SHEET
5 OF 5

SCALE
5

REVISION DESCRIPTION

ECO

REV

ECO

REV

ECO

REV

ECO

REV

3105XX/3106XX

3105XX/3106XX

3105XX/3106XX

3105XX/3106XX

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