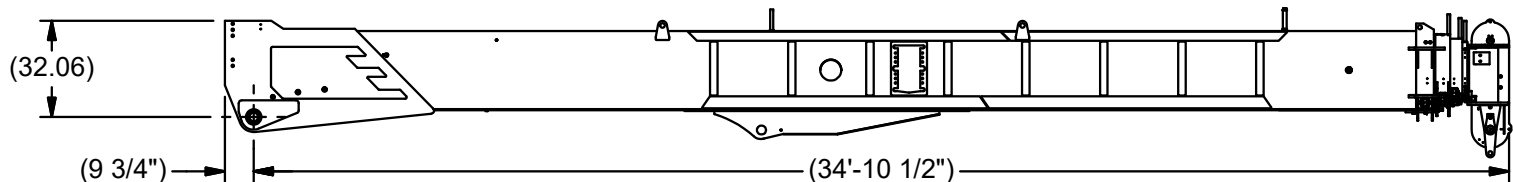
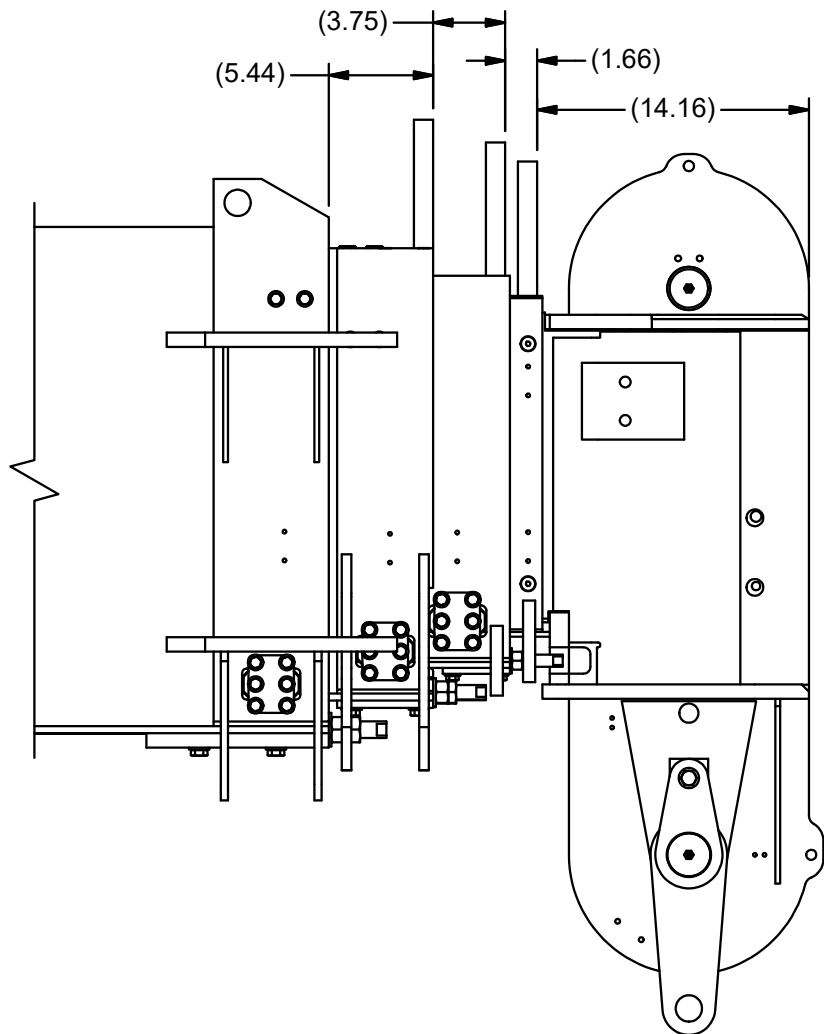
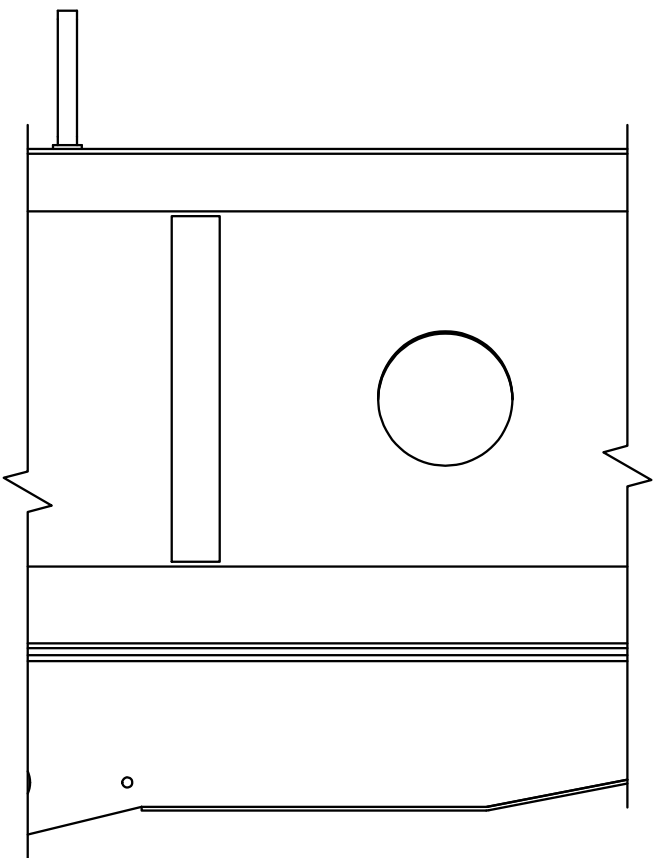
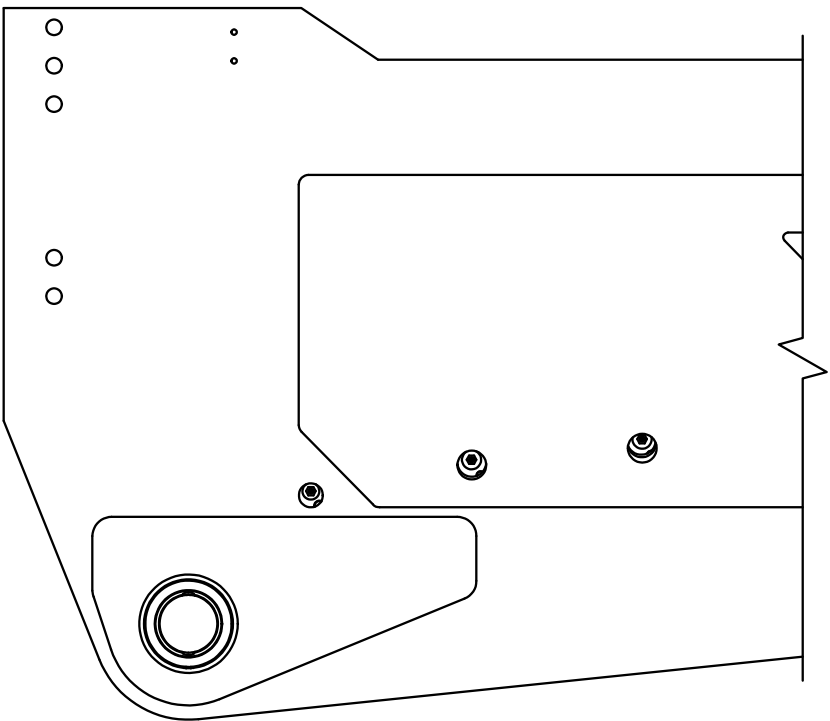


EXTENDED



RETRACTED

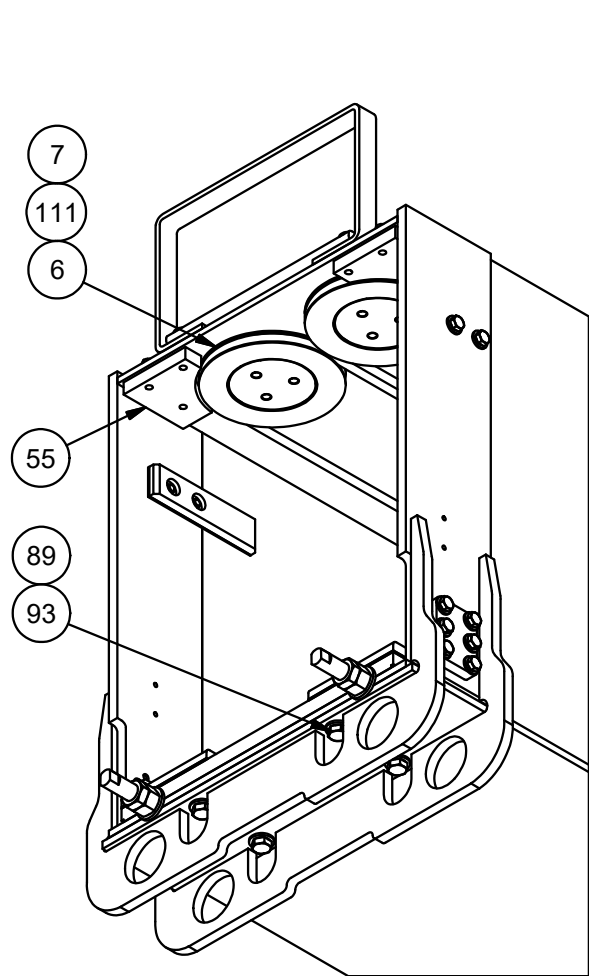
BOOM ASSEMBLY



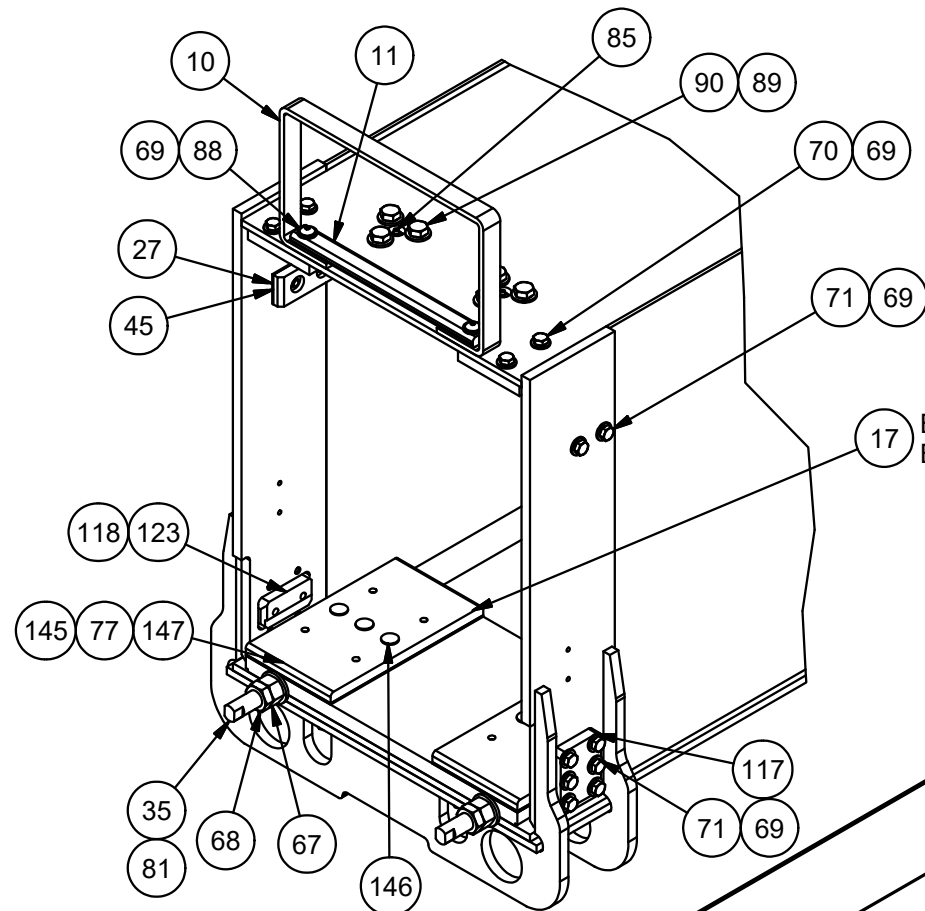
SHEET #	ILLUSTRATION
1	BOOM ASSEMBLY
2	1ST SECTION (MAIN)
3	2ND SECTION
4	3RD SECTION
5	4TH SECTION
6	5TH SECTION (TIP)
7	EXTENSION CYLINDER
8	EXTENSION CABLES

J	ADD CVR AND HARDWARE	AJF	11/4/2020	18275
H	DEL: 1194870-1, 3006900-2, CHG: 3005270-8 WAS 7, 3005260 -3 WAS 2	DJS	5/1/2020	17860
G	ADDED 3013195 QTY 4 (ITEM 161) ADDED 1206180 QTY 1 (ITEM 102)	JDH	7/23/2015	11255
F	ADDED: 3005260 (QTY 2), 1206180 (QTY 1), 1795830 (QTY 1). DELETED: 3005250 (QTY 2), 1084350 (QTY 1), 1728510 (QTY 1).	JDH	3/13/2015	10582
E	DELETE WINCH 3016943	EF	3/5/2015	10573
D	SHW UPDTS TO SCTNS	JLD	1/26/2015	10355
C	CHNG QTY OF ITEM 146	JLD	11/12/2014	10057
B	RMV 1107020	JLD	11/10/2014	10040
A	ADD TRQ SPEC NOTES, CHG WSHR	TJK	11/6/2014	10022
REV	DESCRIPTION	AUTHOR	DATE	ECO

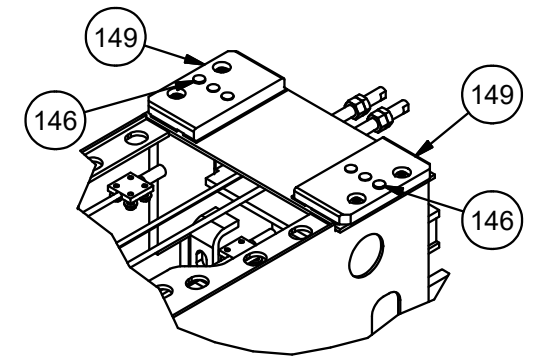
DRAWN TJK	5/15/2013	ELLIOTT 4427 South 76th Circle EQUIPMENT COMPANY Omaha, Nebraska 68127		
CHECKED		TITLE BM ASSY-40142 CRANE		
APPROVED TR				
ASSEMBLY WEIGHT: 16,540 LB (ACTUAL)		SIZE B	DWG NO 2080110.idw	REV J
TOLERANCE (Unless noted otherwise): .X=± .125 .XX=± .060 .XXX=± .030 Angle=± 1°			SCALE N.T.S.	SHEET 1 OF 8



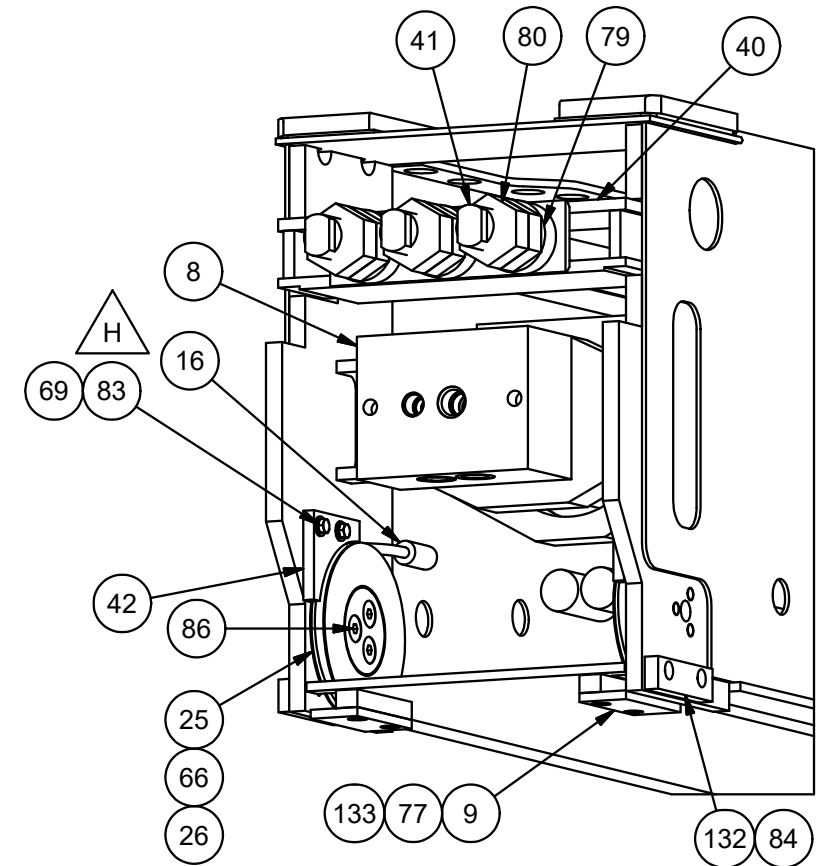
DETAIL B
(FROM BELOW)



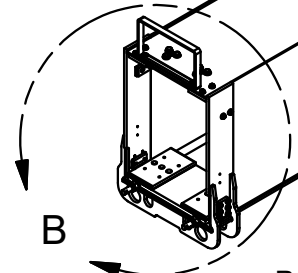
DETAIL B



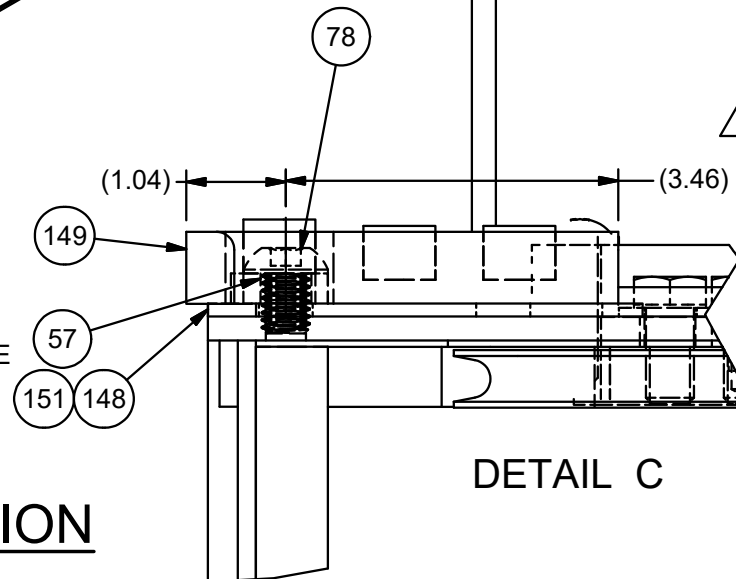
DETAIL N



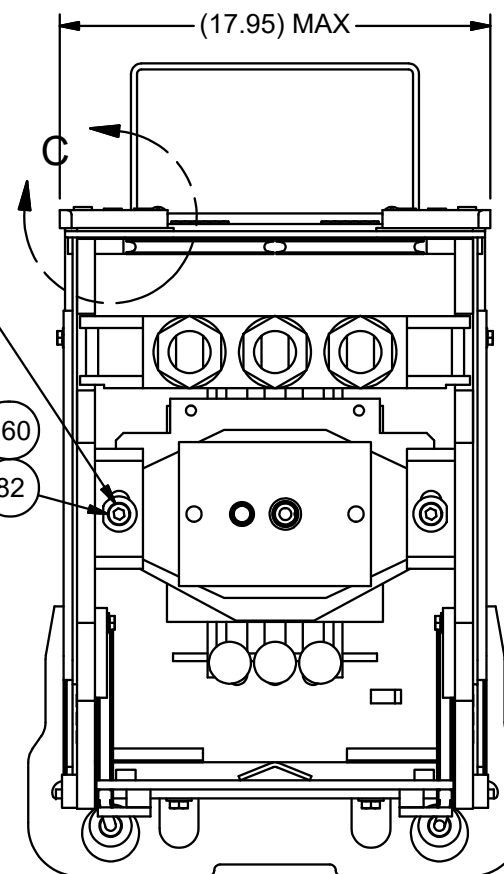
LOWER END



ROTATE ITEM 57/152
180° AS NEEDED TO
ADJUST SIDE CLEARANCE
AT LOWER END



DETAIL C



2ND SECTION

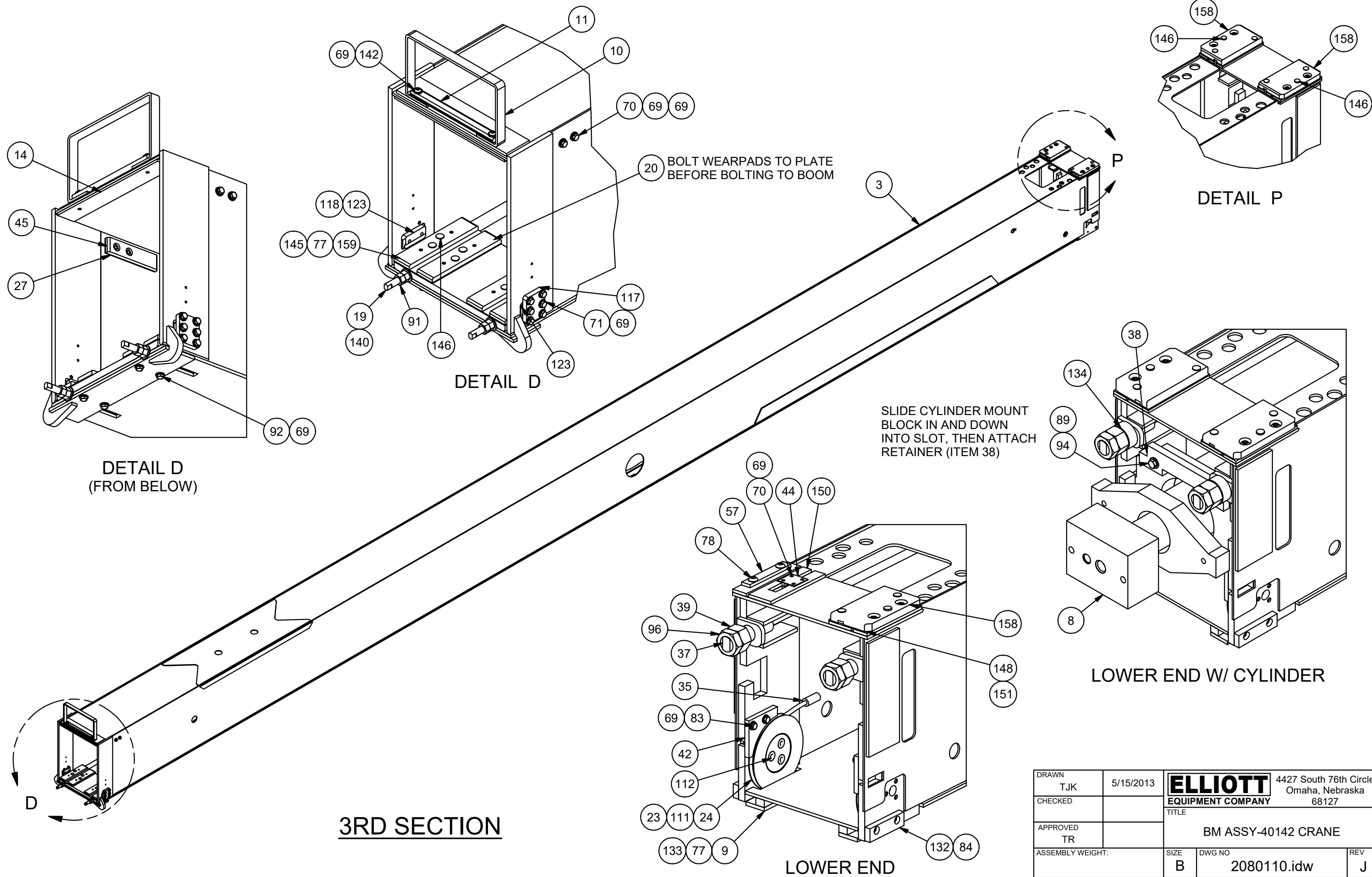
NOTES:

1. REMOVE ALL OIL FROM BOLT THREADS BY RINSING WITH BRAKE CLEANER OR SIMILAR SOLVENT AND DRYING WITH A CLOTH
2. APPLY SEVERAL DROPS OF LOCTITE BLUE 242 TO THE LEADING THREADS OF OF THE BOLT
3. TORQUE TO 96 LB-FT

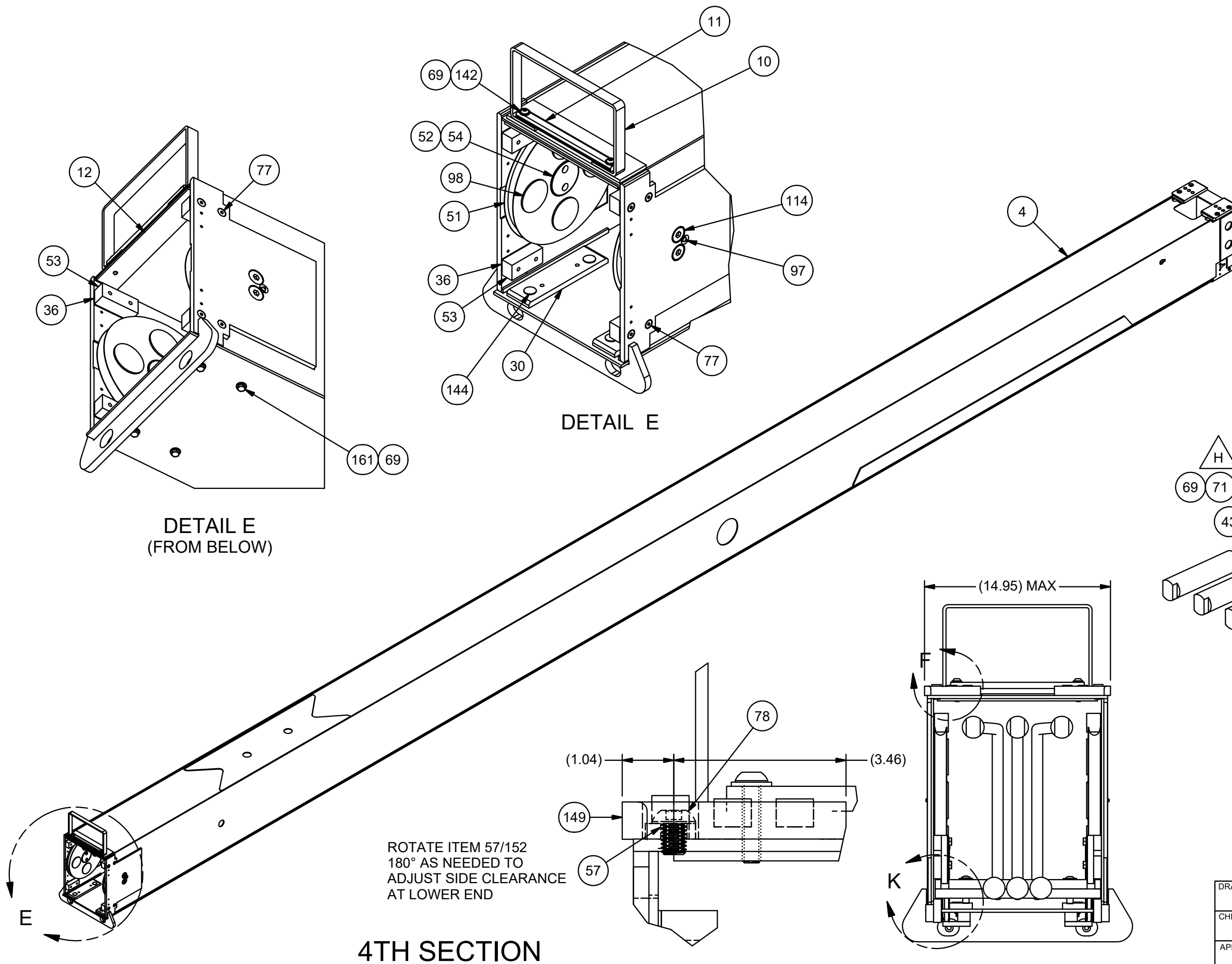
SEE NOTES FOR
INSTALLATION PROCEDURE

C:_VaultWork\Designs\Booms\2080110.idw

DRAWN TJK	5/15/2013	ELLIOTT 4427 South 76th Circle EQUIPMENT COMPANY Omaha, Nebraska 68127	
CHECKED		TITLE BM ASSY-40142 CRANE	
APPROVED TR		SIZE B	REV J
ASSEMBLY WEIGHT:		DWG NO 2080110.idw	
TOLERANCE (Unless noted otherwise): X=± .125 .XX=± .060 .XXX=± .030 Angle=± 1°		SCALE N.T.S.	SHEET 3 OF 8



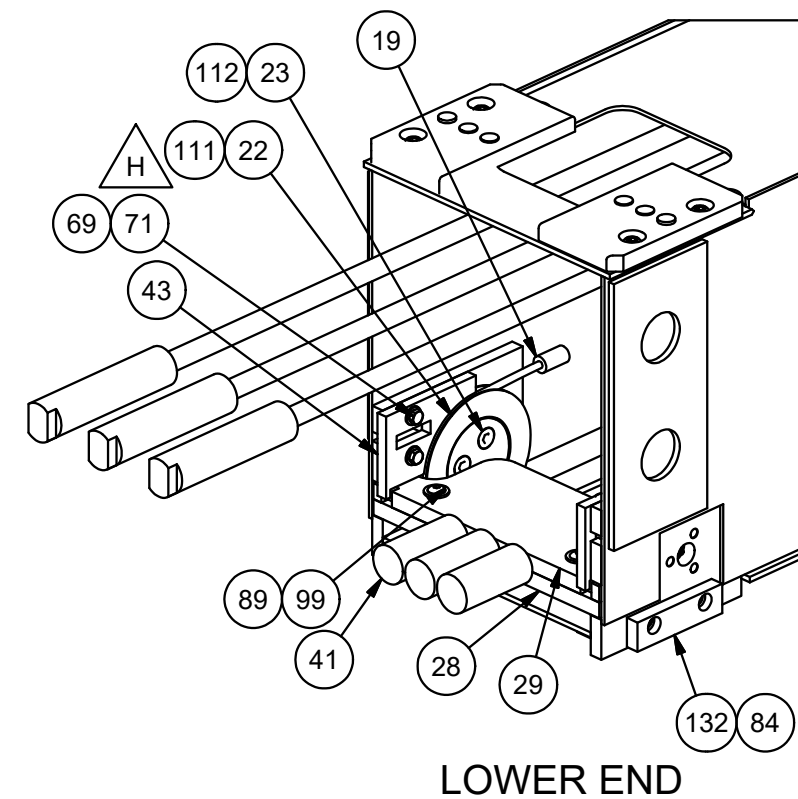
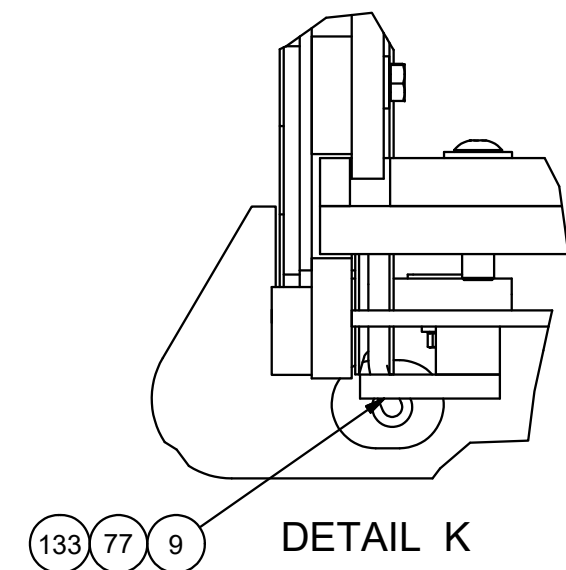
DRAWN TJK	5/15/2013	ELLIOTT EQUIPMENT COMPANY 4427 South 76th Circle Omaha, Nebraska 68127	
CHECKED		TITLE BM ASSY-40142 CRANE	
APPROVED TR		SIZE B	REV J
ASSEMBLY WEIGHT:		DWG NO 2080110.idw	
TOLERANCE (Unless noted otherwise): .X=± .125 .XX=± .060 .XXX=± .030 Angle=± 1°		SCALE N.T.S.	SHEET 4 OF 8



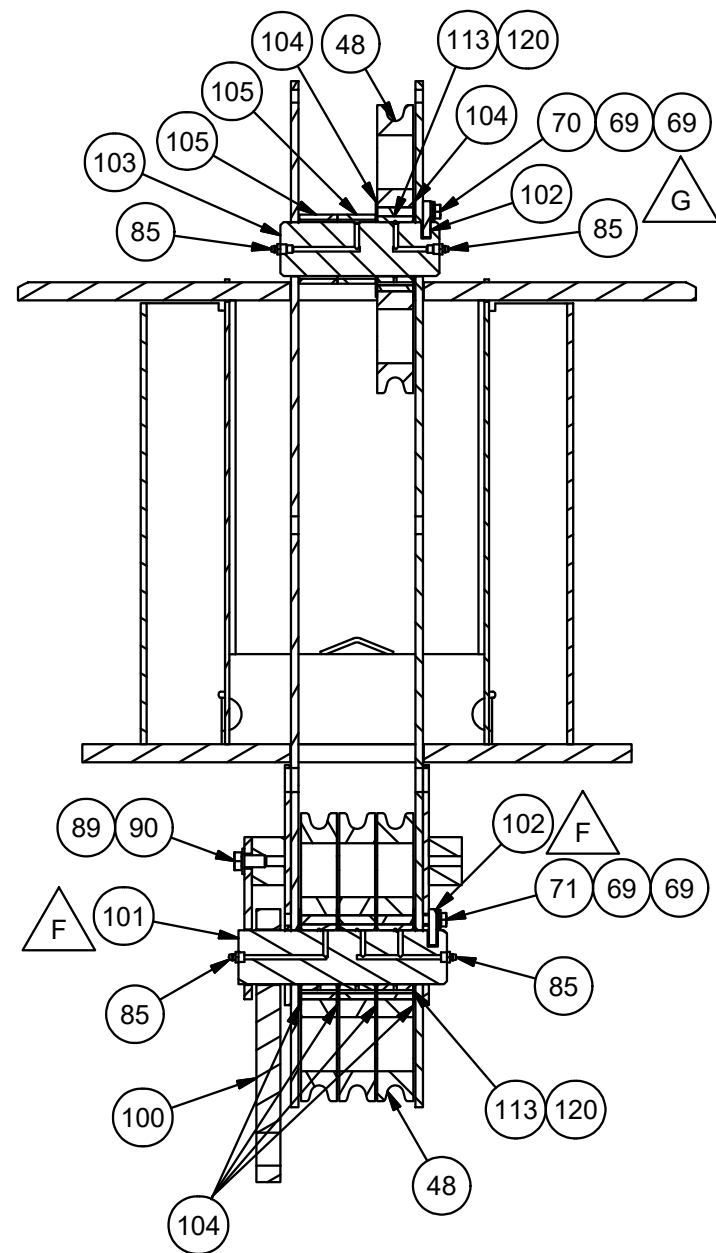
DETAIL E

DETAIL E
(FROM BELOW)

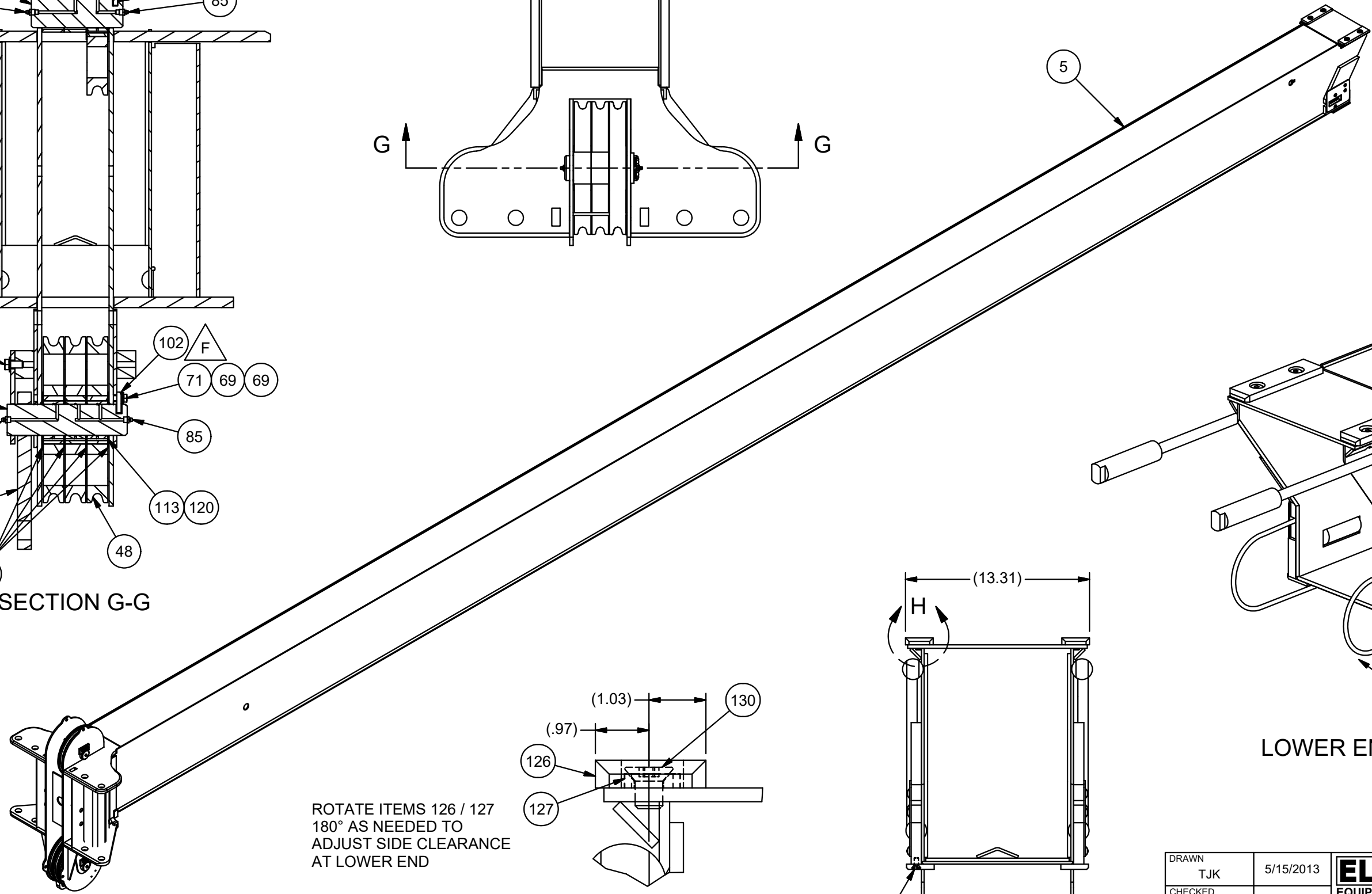
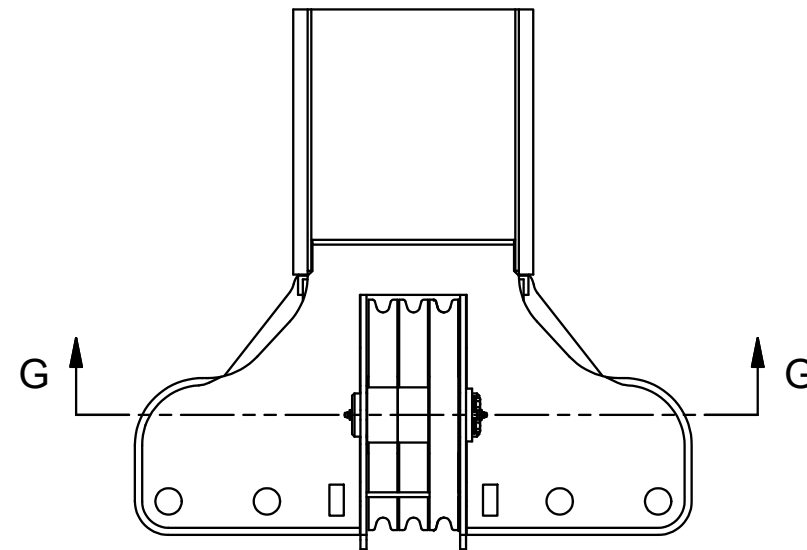
DETAIL F



DRAWN TJK	5/15/2013	ELLIOTT 4427 South 76th Circle EQUIPMENT COMPANY Omaha, Nebraska 68127	
CHECKED		TITLE BM ASSY-40142 CRANE	
APPROVED TR		SIZE B	REV J
ASSEMBLY WEIGHT:		DWG NO 2080110.idw	
TOLERANCE (Unless noted otherwise): X=± .125 .XX=± .060 .XXX=± .030 Angle=± 1°		SCALE N.T.S.	SHEET 5 OF 8

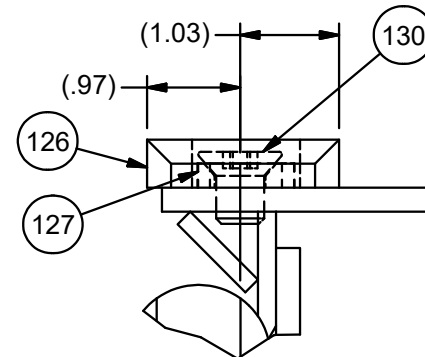


SECTION G-G

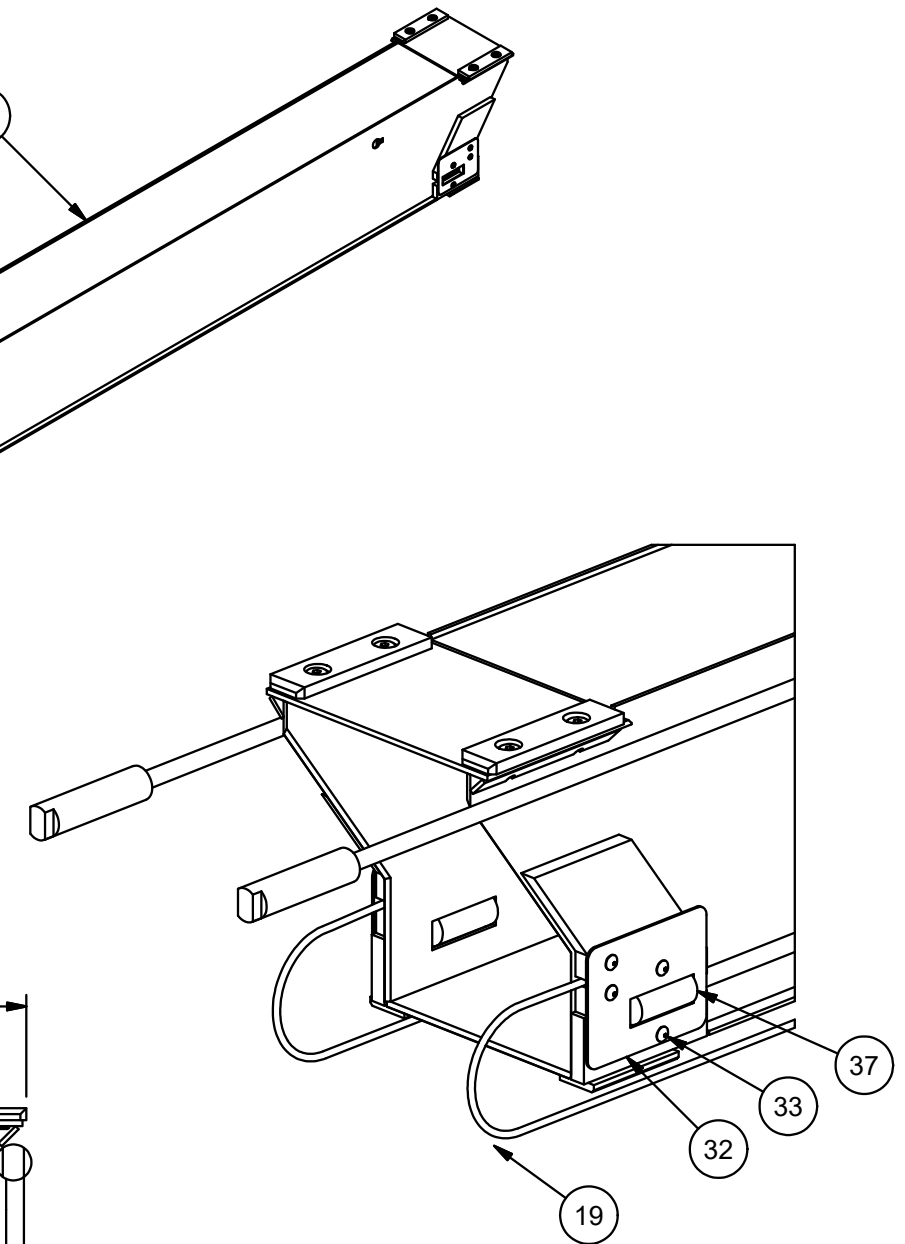
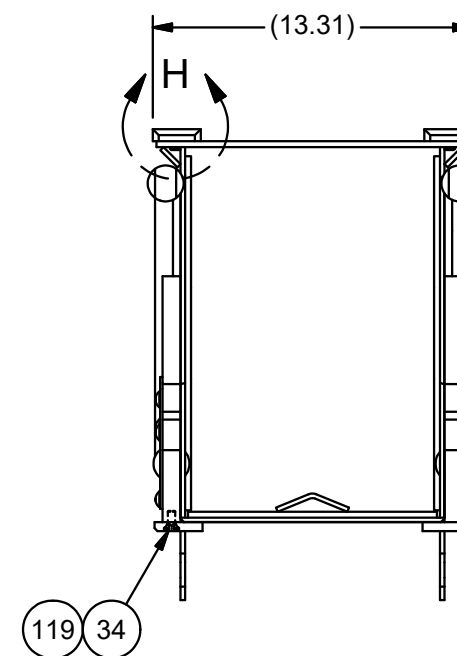


5TH SECTION (TIP)

ROTATE ITEMS 126 / 127
180° AS NEEDED TO
ADJUST SIDE CLEARANCE
AT LOWER END

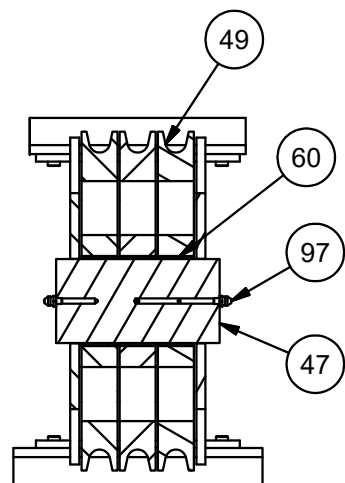


DETAIL H

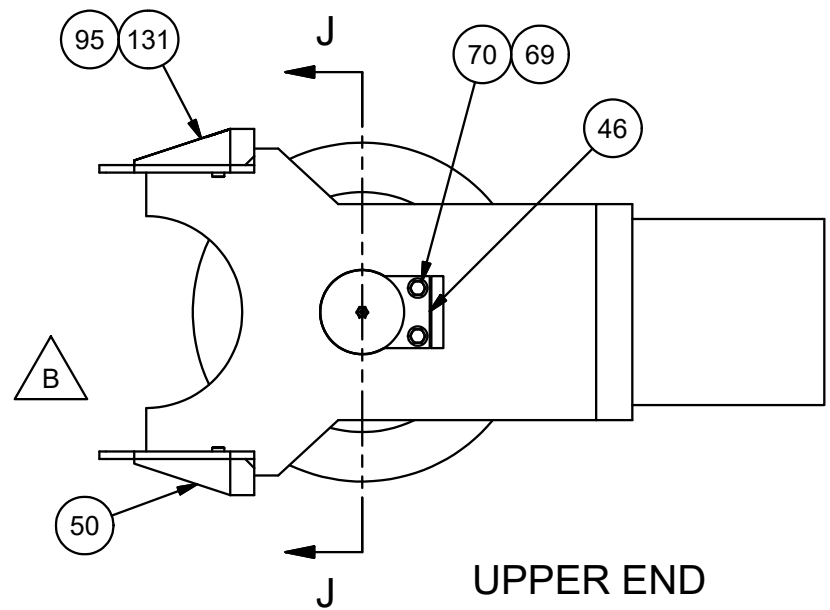


LOWER END W/ CABLES

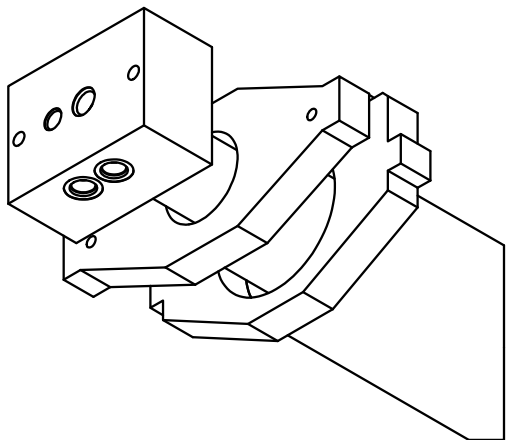
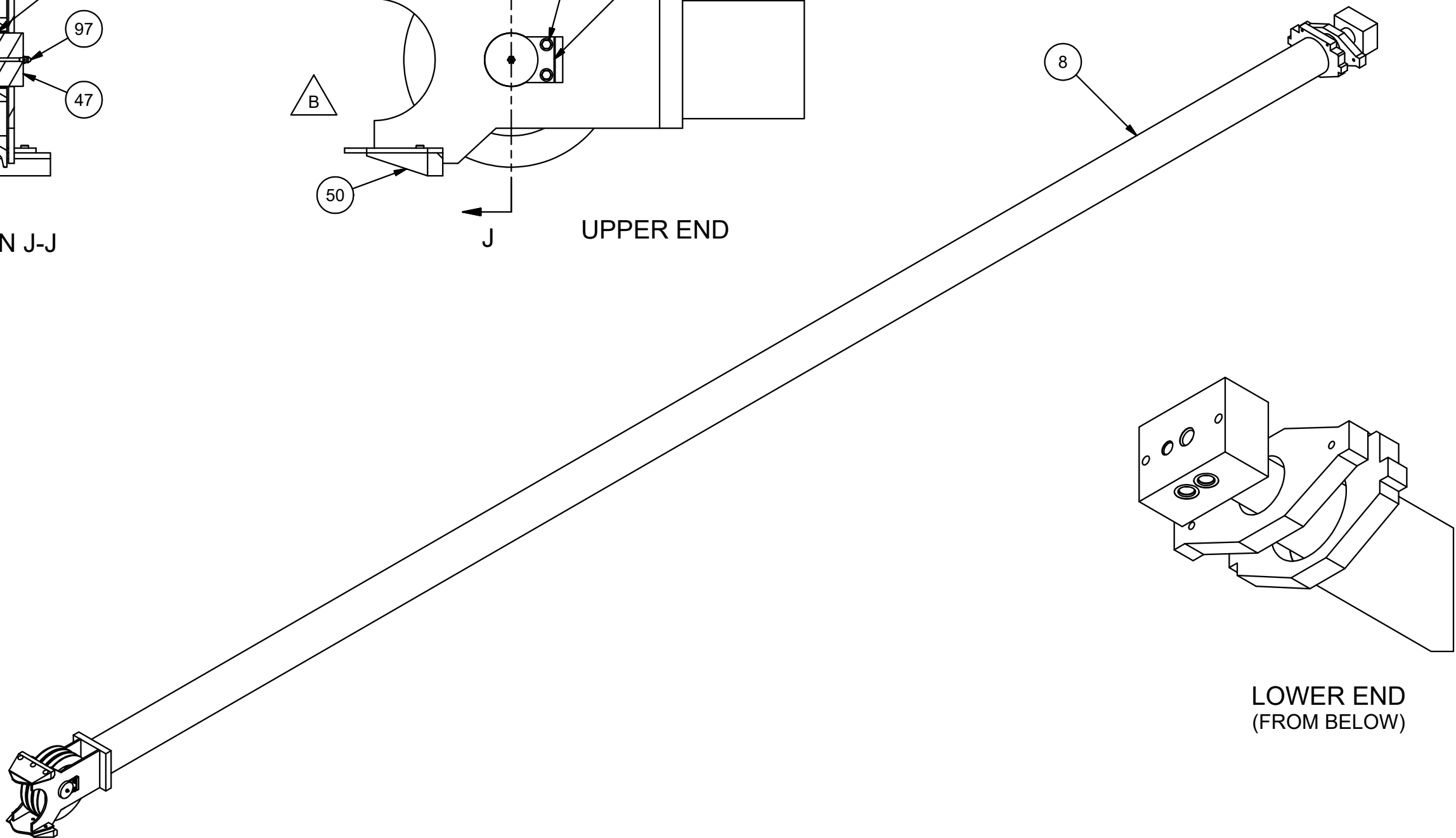
DRAWN TJK	5/15/2013	ELLIOTT EQUIPMENT COMPANY		4427 South 76th Circle Omaha, Nebraska 68127
CHECKED		TITLE		
APPROVED TR		BM ASSY-40142 CRANE		
ASSEMBLY WEIGHT:	SIZE B	DWG NO 2080110.idw	REV J	
TOLERANCE (Unless noted otherwise): .X=±.125 .XX=±.060 .XXX=±.030 Angle=± 1°		SCALE N.T.S.	SHEET 6 OF 8	



SECTION J-J



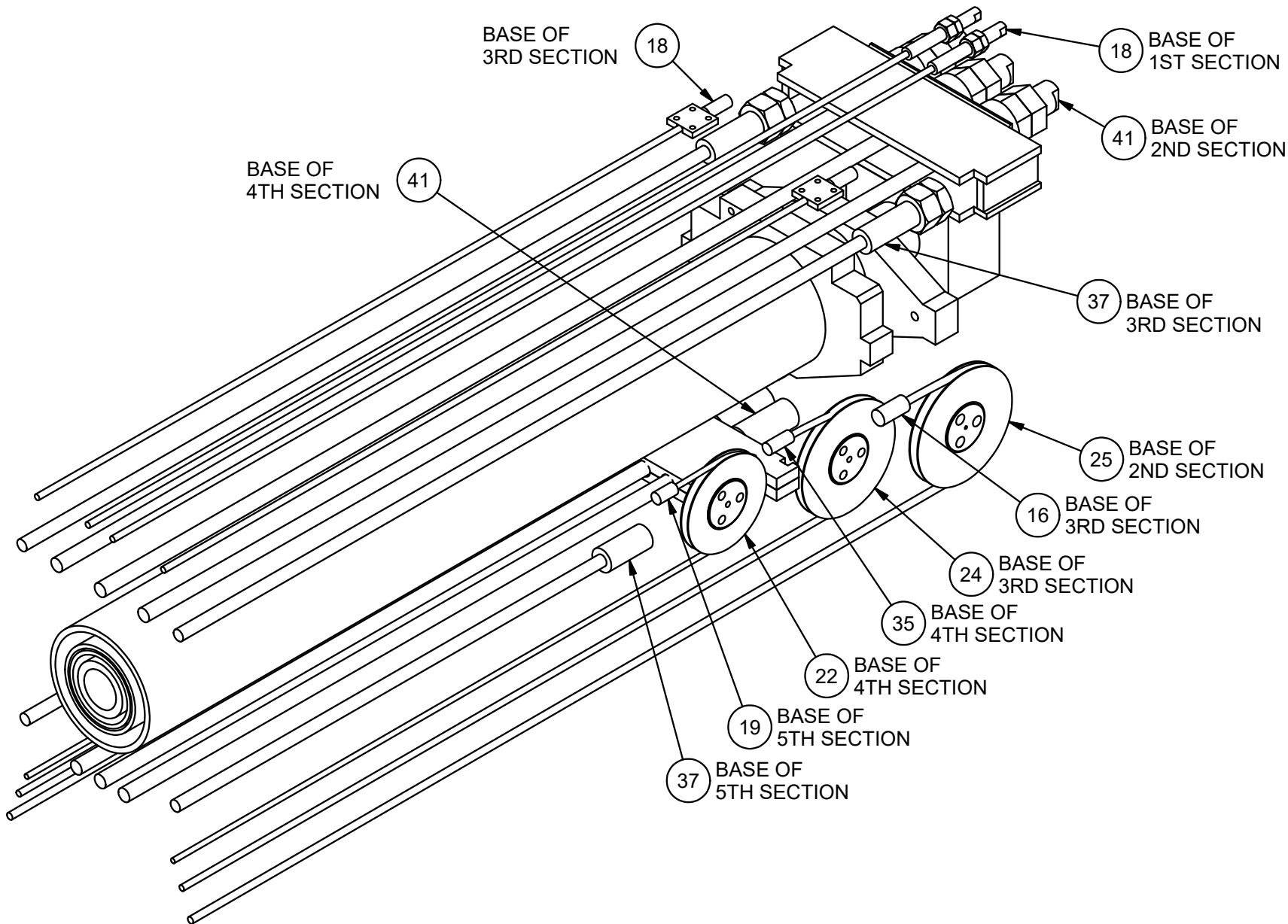
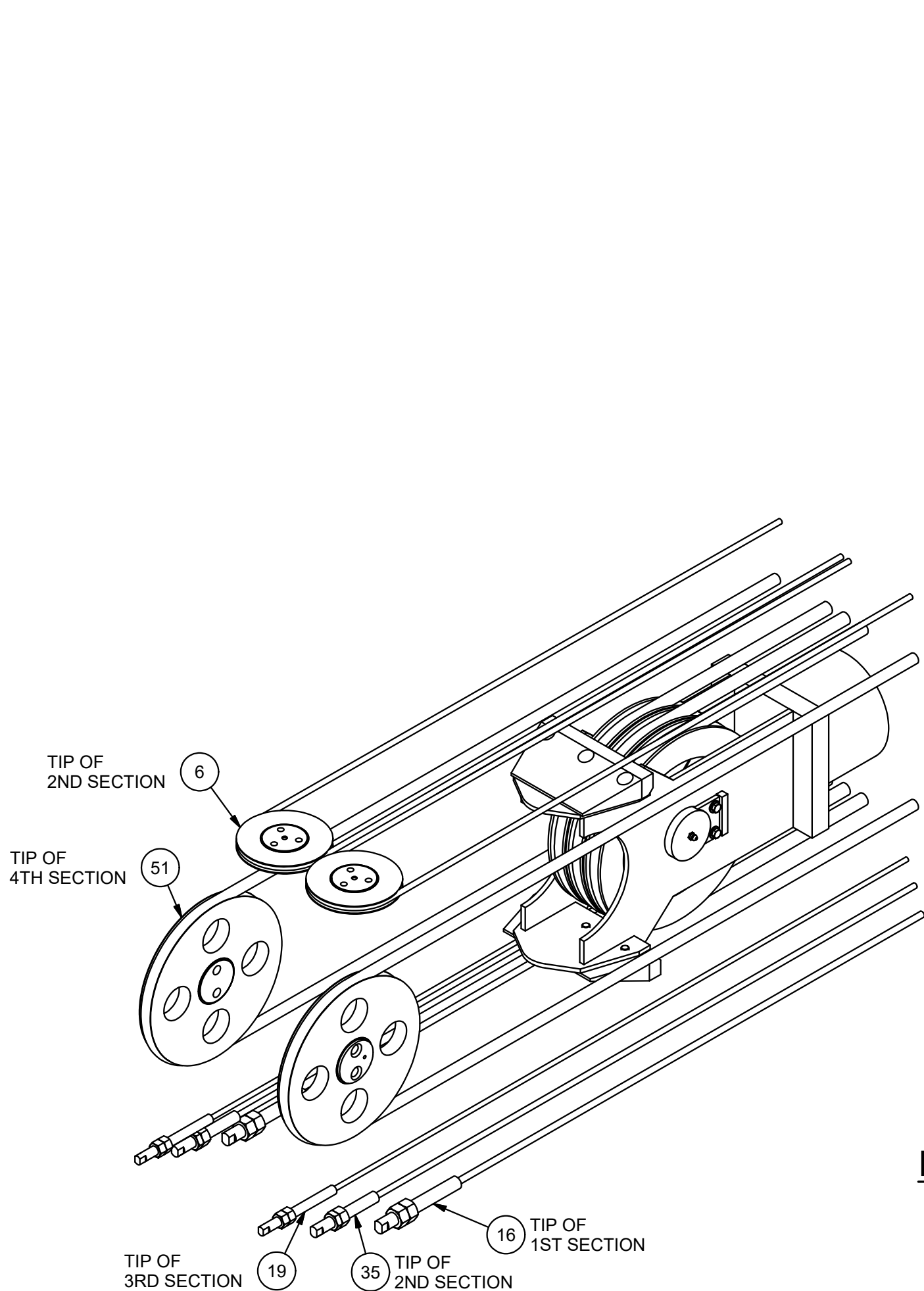
UPPER END



LOWER END
(FROM BELOW)

EXTENSION CYLINDER

DRAWN TJK	5/15/2013	ELLIOTT 4427 South 76th Circle EQUIPMENT COMPANY Omaha, Nebraska 68127		
CHECKED		TITLE		
APPROVED TR		BM ASSY-40142 CRANE		
ASSEMBLY WEIGHT:		SIZE B	DWG NO 2080110.idw	REV J
TOLERANCE (Unless noted otherwise): .X=± .125 .XX=± .060 .XXX=± .030 Angle=± 1°		SCALE N.T.S.	SHEET 7 OF 8	



EXTENSION CABLES

C:_VaultWork\Designs\Booms\2080110.idw

DRAWN TJK	5/15/2013	ELLIOTT EQUIPMENT COMPANY		4427 South 76th Circle Omaha, Nebraska 68127
CHECKED		TITLE BM ASSY-40142 CRANE		
APPROVED TR		SIZE B	DWG NO 2080110.idw	REV J
ASSEMBLY WEIGHT:		TOLERANCE (Unless noted otherwise): .X=± .125 .XX=± .060 .XXX=± .030 Angle=± 1°	SCALE N.T.S.	SHEET 8 OF 8