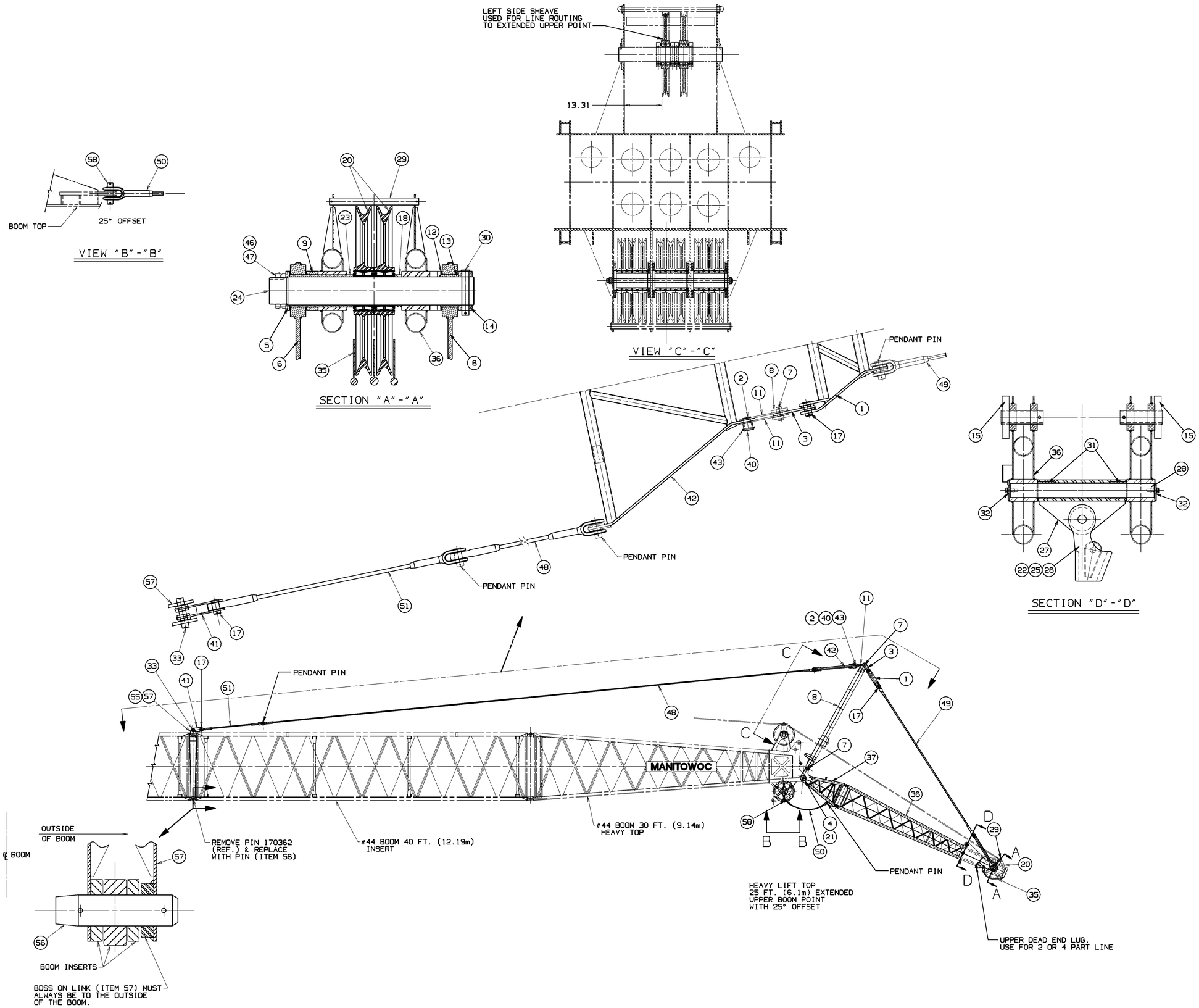

BILL OF MATERIAL

ITEM NO.	NO. REQD.	SECTION	DESCRIPTION	LENGTH IN.	MATERIAL	CODE NO. OR DWG. NO.	ASSEMBLIES USED ON
			2585-8000 EXT. UPPER BOOM POINT ASS'Y. (25 FT.)				
1	1		SPREADER			194254	
2	2		PIN			77812	
3	2		LINK			169824	
4	2		PIN			139102	
5	1		THRUST WASHER			194257	REVISIONS
6	2		LINK			194256	
7	4		PIN			166901	
8	1		STRUT (14 FT)-(4.3m)			194253	
9	1		SPACER			194259	
10							
11	4		LINK			169825	
12	1		THRUST WASHER			194261	
13	1		SPACER			194260	
14	1		COLLAR			194262	
15	2		LINK REST			194263	
16							
17	4		PIN			169849	
18	1		SPACER			170677	
19							
20	2		SHEAVE ASSEMBLY			171250	
21	2		BUSHING			171698	
22	1		PIN			563960	
23	1		SPACER			194258	
24	1		SHAFT			194255	
25	1		SOCKET			162233	
26	1		WEDGE			162234	
27	1		DEAD END BAIL			169832	1
28	1		PIN			169846	1
29	1		ROPE GUARD			171863	
30	1		PIN			171864	
31	2		BUSHING			18129	
32	2		END PLATE			169838	
33	2		PIN			171870	
34							
35	1		ROPE GUARD			172222	
36	1		TOP (20 FT)-(6.1m)			172680	
37	1		BUTT (5 FT)-(1.5m)			194252	
38							
39							
40	2		COLLAR			192349	
41	2		LINK			192350	
42	1		SPREADER			192351	
43	2		PIN			192354	
44							
45							
46	2		LOCKNUT			225105	
47	1		LOCKWASHER			225111	
48	2		BACKSTAY BASIC PENDANT (65 FT 7) (19.98m)			276791	4
49	2		PENDANT (20 FT - 10.00)-(6.4m)			277487	3
50	2		PENDANT (5 FT. - 5.00)-(1.6m)			277488	5
51	2		PENDANT (7 FT. - 4.00)-(2.2m)			277362	2,4
52							DWG. NO.
53							194251
54							
55	2		PIN			75465	
56	2		PIN			170844	
57	2		LINK			171761	
58	2		PIN			171867	
59							

1. CAN BE USED FOR DEAD END WITH 2 PART LINE. MUST BE REMOVED WHEN 2,3, OR 4 PART LINE AND/OR UPPER DEAD END LUG IS USED.
2. LOCATE BETWEEN BACKSTAY LINK (ITEM 41) & PENDANT (ITEM 48).
3. ON DWG. 77523
4. ON DWG. 73026

SPECIAL FOR S/N 2251050

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TOLERANCE UNLESS OTHERWISE SPECIFIED

DECIMAL PLACES	FABRICATION ± 10 FEET	FABRICATION > 10 FEET	MACHINING	SURFACE MACHINING TOLERANCE FOR USE WITH DIMENSIONS OTHER THAN SURFACE
(1) PLACE 0.0	±.120	±.180	±.030	
(2) PLACE 0.00	±.060	±.120	±.015	
(3) PLACE 0.000			±.005	
ANGLES	±1°30'		±0°30'	

SCALE NONE

Manitowoc Cranes, Inc.
Manitowoc, Wisconsin

EXTENDED UPPER BOOM POINT ASSEMBLY

DR. DSE/KJS
CK. DSE/RLS
MODEL 2250
APP. DLK

DATE 7-20-99
PATTERN NO.
DWG. NO. 194251

DO NOT SCALE THIS DRAWING