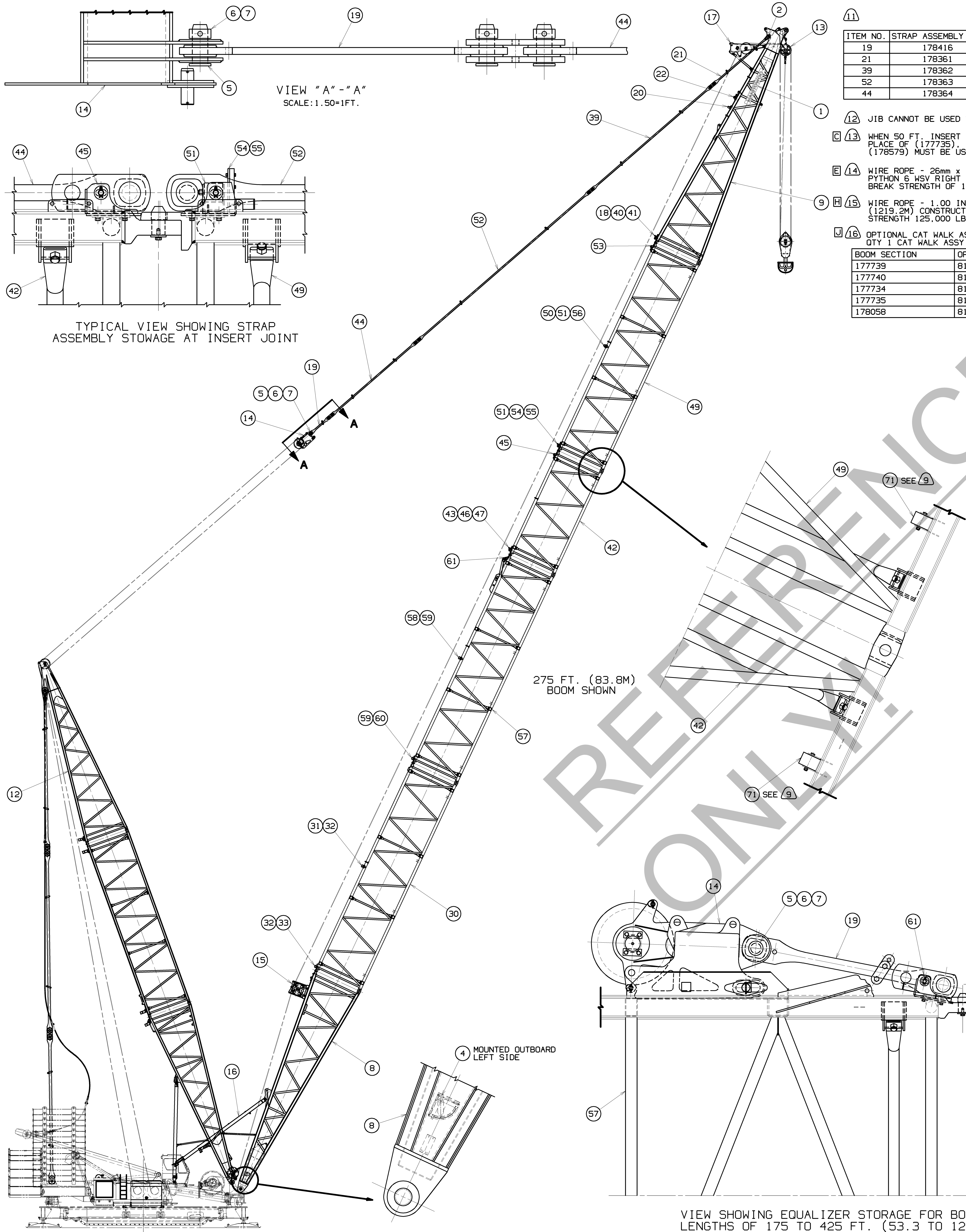




ITEM NO.	STRAP ASSEMBLY NO.	STRAP NO. (REF.)
19	178416	178187
21	178361	177814
39	178362	177815
52	178363	177809
44	178364	177808

12 JIB CANNOT BE USED WITH THIS ASSEMBLY.

13 WHEN 50 FT. INSERT (421235) IS USED IN PLACE OF (177735), STRAP BRACKET ASSEMBLY (178579) MUST BE USED IN PLACE OF (178580).

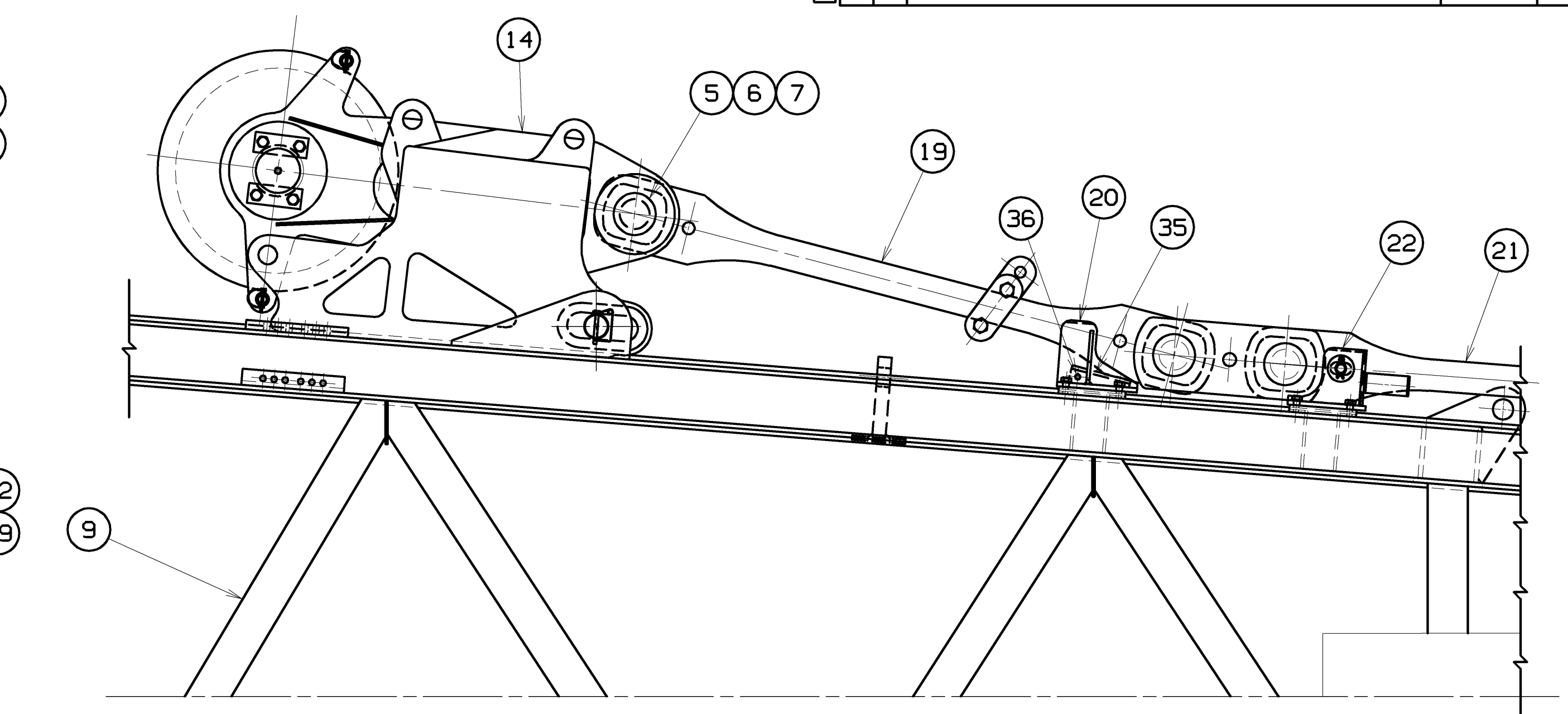
14 WIRE ROPE - 26mm x 4000 FT. (1219.2M) PYTHON 6 WSV RIGHT HAND REGULAR LAY. MIN. BREAK STRENGTH OF 116,700 LBS.

15 WIRE ROPE - 1.00 IN. (25.4mm) X 4000 FT. (1219.2M) CONSTRUCTEX. MIN. BREAKING STRENGTH 125,000 LBS.

BOOM SECTION	OPTIONAL CAT WALK ASSY
177739	81016967
177740	81016968
177734	81016950
177735	81016951
178058	81016969

BILL OF MATERIAL			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
BOOM RIGGING ASSEMBLY CONTINUED			
2180-0070	INSERT 50 FT. (15.2M) W/EQUALIZER STORAGE RAILS - REQUIRED FOR BOOM LENGTHS OF 175-425 FT. (53.3-129.5M)		
571	INSERT 50 FT. (15.24M)	178058	16
582	TIMBER BRACKET	1781444	4
592	TIMBER	1781474	4
602	TIMBER BRACKET	1783054	4
612	STRAP BRACKET ASSEMBLY	178369	4
62			
63			
OPTIONAL ASSEMBLY LIST			
641	DRUM SHAFT ASSEMBLY - AUX.	177255	6
651	UPPER BOOM POINT ASSEMBLY	177843	12
661	W.R. GUIDE UPPER ASSEMBLY-BOOM TOP	178116	8
671	WIRE ROPE GUIDE ASSEMBLY	177885	6
681	WIRE ROPE GUIDE ASSEMBLY	177897	7
691	WIRE ROPE GUIDE ASSEMBLY	177899	6
701	INDICATOR ASSEM. PAT LOAD CELL	192813	3
711	TIMBER (STOWAGE)	177756	9
721	DEAD END PENDANT ASSEMBLY	178472	3
731	SWIVEL ASSEMBLY	178673	3
801	CAT WALK ASSY 50FT #67B BOOM BUTT	81016967	16
811	CAT WALK ASSY 50FT #67B TOP	81016968	16
821	CAT WALK ASSY 25FT #67B INSERT	81016950	16
831	CAT WALK ASSY 50FT #67B INSERT	81016951	16
841	CAT WALK ASSY 50FT #67B INSERT	81016969	16
74	WIRE ROPE - PYTHON 6 WSV	719398	5
75			
2180-0090 BOOM HOIST ROPE			
76	WIRE ROPE - PYTHON 6 WSV	719403	14
77			
2180-0100 BOOM HOIST ROPE			
78	WIRE ROPE - 1.00 CONSTRUCTEX	719394	15
79			

- 1 (17) - 30.00 DIA. SHEAVES
- 2 25 FT. (7.6M) INSERT (177734) CAN BE REPLACED BY (163975) IF MODIFIED PER (421236).
- 3 50 FT. (15.2M) INSERT (177735) CAN BE REPLACED BY (163976) IF MODIFIED PER (421235).
- 4 (ITEMS 18, 27, 32, 43, 51 & 59) ARE THE SAME PART NO. (178147). (ITEMS 26 & 42) ARE THE SAME PART NO. (177734). (ITEMS 28, 33, 37 & 60) ARE THE SAME PART NO. (178305). (ITEMS 30 & 49) ARE THE SAME PART NO. (177735). (ITEMS 31, 50 & 58) ARE THE SAME PART NO. (178144). (ITEMS 45 & 53) ARE THE SAME PART NO. (178370). (ITEMS 46 & 54) ARE THE SAME PART NO. (178371). (ITEMS 47 & 55) ARE THE SAME PART NO. (178373).
- 5 WIRE ROPE - 1.00 IN. (25.4mm) X 4000 FT. (1219.2M) PYTHON 6 WSV RIGHT HAND REGULAR LAY. MIN. BREAK STRENGTH OF 114,400 LBS.
- 6 WHEN AUX. BUTT MOUNTED DRUM SHAFT ASSEMBLY (ITEM 64) IS REQUIRED, WIRE ROPE GUIDE ASSEMBLIES (ITEM 67 & 69) ARE ALSO REQUIRED.
- 7 WIRE ROPE GUIDE ASSEMBLY (ITEM 68) IS REQUIRED WHEN AUX. STINGER DRUM IS USED.
- 8 WIRE ROPE GUIDE ASSEMBLY (ITEM 66) IS REQUIRED WHEN BOTH AUX. BUTT MOUNTED DRUM SHAFT ASSEMBLY (ITEM 64) AND THE AUX. STINGER DRUM IS USED.
- 9 WHEN REQUIRED, (2) STOWAGE TIMBERS (ITEM 71) ARE REQUIRED FOR EACH 25 FT. (7.6M) INSERT USED. (4) STOWAGE TIMBERS (ITEM 71) ARE REQUIRED FOR EACH 50 FT. (15.2M) INSERT USED. "STOWAGE TIMBERS MUST BE REMOVED FROM INSERTS FOR CRANE OPERATION".
- 10 BOOM HANDLING:
MAX. BOOM HANDLED WHEN EQUALIZER IS PINNED TO STORAGE RAILS ON 50 FT. (15.2M) INSERT (ITEM 57) IS 250 FT. (76.2M) TO INCLUDE A MAX. 100 FT. (30.5M) OF INSERTS CANTILEVERED.



TOLERANCE UNLESS OTHERWISE SPECIFIED			
DECIMAL PLACES	FRACTIONS	INCHES	MILLIMETERS
0.00	1/16	±.005	±.13
0.01	1/32	±.005	±.13
0.02	1/64	±.005	±.13
0.03	1/128	±.005	±.13
0.04	1/256	±.005	±.13
0.05	1/512	±.005	±.13
0.06	1/1024	±.005	±.13
0.07	1/2048	±.005	±.13
0.08	1/4096	±.005	±.13
0.09	1/8192	±.005	±.13
0.10	1/16384	±.005	±.13

BILL OF MATERIAL			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
2180-0000 BOOM RIGGING ASSEMBLY			
1	BOOM SIGN	22656	
2	PIN	144401	
3			
4	BOOM ANGLE INDICATOR ASSEMBLY	168779	
5	PIN	173633	
6	COLLAR	173676	
7	PIN	173678	
8	BOOM BUTT 50 FT. (15.2M)	177739	16
9	BOOM TOP 50 FT. (15.2M)	177740	16
10			
11			
12	MAST RIGGING ASSEMBLY	177810	
13	LOWER BOOM POINT ASSEMBLY	177842	1
14	EQUALIZER ASSEMBLY	177887	
15	W.R. GUIDE ASSEMBLY FOR FRONT DRUM	177898	
16	BOOM STOP ASSEMBLY	178022	
17	W.R. GUIDE ASSEMBLY - LOWER	178115	
18	TIMBER	1781474	
19	STRAP ASSEMBLY 6FT.-2.94 (1.9M)	178416	11
20	STRAP SUPPORT	178302	
21	STRAP ASSEMBLY 15FT-9.00 (4.8M)	178361	11
22	STRAP BRACKET ASSEMBLY	178382	
23			
24			
25			
2180-0010 INSERT 25 FT. (7.6M) - BOOM LENGTHS OF 125-200FT. (38.1-61.0M) - SEE TABLE			
261	INSERT 25 FT. (7.6M)	177734	16
271	TIMBER	1781474	
282	TIMBER BRACKET	1783054	
29			
2180-0020 INSERT 50 FT. (15.2M) - BOOM LENGTHS OF 150-425FT. (45.7-129.5M) - SEE TABLE			
301	INSERT 50 FT. (15.2M)	177735	16
312	TIMBER BRACKET	1781444	
322	TIMBER	1781474	
332	TIMBER BRACKET	1783054	
34			
2180-0030 TIMBER BRACKET & STRAP SUPPORT - REQUIRED FOR BOOM LENGTHS OF 125-150FT. (38.1-45.7M)			
352	STRAP SUPPORT	178303	
362	PIN	178304	
372	TIMBER BRACKET	1783054	
38			
2180-0040 STRAP & STRAP BRACKET ASSEM. - REQUIRED FOR BOOM LENGTHS OF 175-425FT. (53.3-129.5M)			
392	STRAP ASSEMBLY 35 FT. (10.7M)	178362	11
401	STRAP BRACKET ASSEMBLY (R.H.)	178372	
411	STRAP BRACKET ASSEMBLY (L.H.)	178374	
2180-0050 INSERT 25 FT. (7.6M) TO BE USED ABOVE 50 FT. (15.2M) EQUALIZER INSERT (178058)-BOOM LENGTHS OF 225-425FT. (68.6-129.5M)-SEE TABLE			
421	INSERT 25 FT. (7.6M)	177734	16
431	TIMBER	1781474	
442	STRAP ASSEMBLY 25 FT. (7.6M)	178364	11
452	STRAP BRACKET ASSEMBLY	1783704	
461	STRAP BRACKET ASSEMBLY (R.H.)	1783714	
471	STRAP BRACKET ASSEMBLY (L.H.)	1783734	
48			
2180-0060 INSERT 50 FT. (15.2M) TO BE USED ABOVE 50 FT. (15.2M) EQUALIZER INSERT (178058)-BOOM LENGTHS OF 250-425FT. (76.2-129.5M)-SEE TABLE			
491	INSERT 50 FT. (15.2M)	177735	16
502	TIMBER BRACKET	1781444	
512	TIMBER	1781474	
522	STRAP ASSEMBLY 50 FT. (15.2M)	178363	11
532	STRAP BRACKET ASSEMBLY	1783704	
541	STRAP BRACKET ASSEMBLY (R.H.)	1783714	
551	STRAP BRACKET ASSEMBLY (L.H.)	1783734	
562	STRAP BRACKET ASSEMBLY	178580	13

REVISIONS

NO.	DATE	DESCRIPTION
1	1-31-97	JJJ
2	1-31-97	JJJ
3	1-31-97	JJJ
4	1-31-97	JJJ
5	1-31-97	JJJ
6	1-31-97	JJJ
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99	1-31-97	JJJ
100	1-31-97	JJJ

PRIVATE LABELING REQUIREMENT TO CONFORM TO SPECIFICATION 6829103794 FOR COMPONENTS LISTED IN 6829103794

DATE 10-31-96

PATTERN NO.

177811

177811

