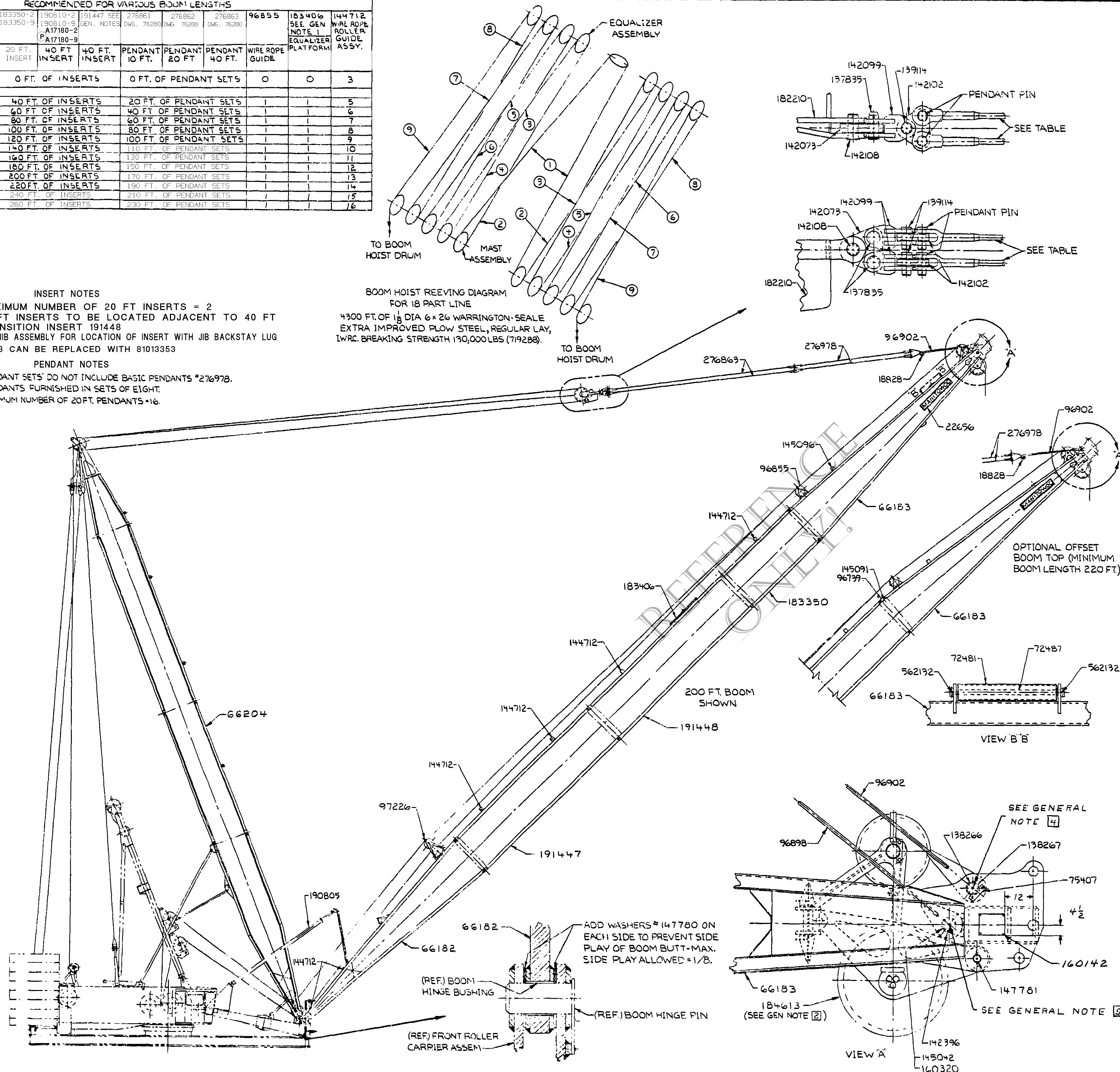


RECOMMENDED FOR VARIOUS BOOM LENGTHS									
DWG. NO.	183350-2	190610-2	191447 SEE A17180-2	276861	276862	276863	96855	183406 SEE GEN. NOTE 1	144712 WIRE ROPE ROLLER GUIDE ASSY.
BOOM LENGTH	20 FT. INSERT	40 FT. INSERT	40 FT. INSERT	PENDANT 10 FT.	PENDANT 20 FT.	PENDANT 40 FT.	WIRE ROPE GUIDE	EQUALIZER PLATFORM	
140 FT. BASIC BOOM	0 FT. OF INSERTS			0 FT. OF PENDANT SETS			0	0	3
180	40 FT. OF INSERTS			20 FT. OF PENDANT SETS			1	1	5
200	40 FT. OF INSERTS			40 FT. OF PENDANT SETS			1	1	6
220	80 FT. OF INSERTS			60 FT. OF PENDANT SETS			1	1	7
240	100 FT. OF INSERTS			80 FT. OF PENDANT SETS			1	1	8
260	120 FT. OF INSERTS			100 FT. OF PENDANT SETS			1	1	9
280	140 FT. OF INSERTS			110 FT. OF PENDANT SETS			1	1	10
300	160 FT. OF INSERTS			130 FT. OF PENDANT SETS			1	1	11
320	180 FT. OF INSERTS			150 FT. OF PENDANT SETS			1	1	12
340	200 FT. OF INSERTS			170 FT. OF PENDANT SETS			1	1	13
360	220 FT. OF INSERTS			190 FT. OF PENDANT SETS			1	1	14
380	240 FT. OF INSERTS			210 FT. OF PENDANT SETS			1	1	15
400	260 FT. OF INSERTS			230 FT. OF PENDANT SETS			1	1	16

- INSERT NOTES
- 1 MAXIMUM NUMBER OF 20 FT INSERTS = 2
 - 2 20 FT INSERTS TO BE LOCATED ADJACENT TO 40 FT TRANSITION INSERT 191448
 - 3 SEE JIB ASSEMBLY FOR LOCATION OF INSERT WITH JIB BACKSTAY LUG
 - 4 66183 CAN BE REPLACED WITH 81013353
- PENDANT NOTES
- 1 PENDANT SETS DO NOT INCLUDE BASIC PENDANTS #276978.
 - 2 PENDANTS FURNISHED IN SETS OF EIGHT.
 - 3 MAXIMUM NUMBER OF 20 FT. PENDANTS = 16.

BOOM HOIST REEVING DIAGRAM FOR 18 PART LINE

4900 FT. OF 1/2 DIA 6x26 WARRINGTON SEALE EXTRA IMPROVED FLOW STEEL, REGULAR LAY, 1WRC. BREAKING STRENGTH 130,000 LBS (719288).



BILL OF MATERIAL									
REQD	DWG NO	DESCRIPTION	REMARKS						
2	18828	RUBBER BUMPER	SEE GEN. NOTE 6						
2	22656	BOOM SIGN							
1	66204	MAST ASSEMBLY (130 FT.)							
1	66182	BOOM BUTT (50 FT.)							
1	66183	BOOM TOP (50 FT.)	SEE INS. NOTE 4						
2	75407	KEEPER PLATE							
1	72481	ROLLER							
1	72487	PIN							
2	96902	PENDANT LINK	OPTIONAL FOR OFFSET TOP						
2	96898	PENDANT LINK	TOP REVISED PRIOR TO MFG.						
1	97226	WIRE ROPE ROLLER GUIDE ASSEMBLY							
AS REQD	147180	WASHER							
4	137835	PIN							
4	139114	PIN							
2	138266	PIN							
2	142073	EQUALIZER LINK							
4	142099	INTERMEDIATE LINK							
4	142102	EQUALIZER LINK							
2	138267	BUSHING							
2	142108	PIN							
4	142396	BUSHING							
2	145042	PIN							
2	147781	PIN							
1	145096	WIRE ROPE ROLLER GUIDE ASSEMBLY							
2	160320	KEEPER PLATE							
1	182210	EQUALIZER ASSEMBLY							
1	184613	BOOM POINT SHEAVE CARRIER ASSEMBLY							
1	190805	BOOM STOP ASSEMBLY							
1	191448	40 FT. TRANSITION INSERT							
1	160142	INSTRUCTION PLATE							
8	276978	BASIC PENDANT (25 FT.)	DWG. 139353						
2	562132	5/16 x 4 LG. COTTER PIN							

OPTIONAL			
1	48875	10 FT. UPPER BOOM POINT ASSEMBLY	NOT SHOWN
1	183642	350 TON BOOM PT. SHEAVE CARRIER ASM.	NOT SHOWN
1	191465	HANGER BLOCK ASSY.- 750 TON	NOT SHOWN
1	183387	600 TON BOOM PT. SHEAVE CARRIER ASM.	NOT SHOWN

OPTIONAL PARTS FOR OFFSET BOOM TOP			
2	18828	RUBBER BUMPER	
2	75407	KEEPER PLATE	
2	96799	OFFSET LINK	
4	145091	PIN	

- GENERAL NOTES
- 1 PLATFORM ASSEMBLY IS DESIGNED SOLELY TO FACILITATE GREASING OF EQUALIZER SHEAVES. DO NOT APPLY TENSION TO BOOM HOIST LINE WHEN EQUALIZER IS PINNED TO PLATFORM.
 - 2 TO INSTALL BOOM POINT SHEAVE CARRIER ASSEMBLY (SEE VIEW 'A'). ENGAGE CARRIER IN SUPPORTS: RAISE CARRIER AND SLIDE TOWARD BOOM REAR UNTIL PIN HOLES ALIGN. INSTALL PINS #147781 TO REMOVE BOOM POINT SHEAVE CARRIER ASSEMBLY (SEE VIEW 'A'). REMOVE PINS #147781: SLIDE CARRIER TO BOOM FRONT TO DISENGAGE. LOWER CARRIER FROM BOOM.
 - 3 ONLY ONE 191447 INSERT IS REQ'D. AND IS TO BE LOCATED ADJACENT TO THE BUTT FOR ALL LENGTHS OVER 140 FT.
 - 4 96902 LINK ATTACHED HERE FOR FOR OFFSET TOP FOR 220 THRU 400 FT. BOOM, AND FOR IN LINE TOP FOR 140 THRU 220 FT. BOOM.
 - 5 96898 LINK ATTACHED HERE FOR IN LINE TOP FOR 240 FT. AND LONGER BOOMS.
 - 6 WHEN BOTH LINKS 96902 & 96898 ARE REQ'D. FOR THE SAME MACHINE, ADD TWO MORE 18828 BUMPERS FOR A TOTAL OF FOUR.

DATE	9-11-81
PLATE NO.	66184
MANITOWOC ENGINEERING CO.	BOOM RIGGING ASSEMBLY
BY JHS	# 65 BOOM
BY LSE	
BY JHS	