

REVISIONS

08-17-06 RHV
A 59A WAS 59
08-05-14 KKM
BUPDATED DRW
DESCRIPTION

SHT 2 OF 4

MAST INSTALLATION PROCEDURE

- 1. WITH ASSIST CRANE OR OTHER MEANS POSITION MAST TOP AND BUTT TRANSPORT PACKAGE ONTO MAST HINGE PIN IN ROTATING BED. SUPPORT MEANS TO REMAIN CONNECTED UNTIL STEP 6 IS COMPLETED.
- 2. INSTALL MAST HINGE RETAINING PINS AND SCREWS.
- 3. SHIM MAST HINGE. (SEE MAST SHIM INSTALATION PROCEDURE) 4. TAKE UP SLACK IN MAST SUPPORT CABLE WITH WINCH AND REMOVE PINS.
- 5. LOWER MAST SUPPORT WITH WINCH UNTIL PINS CAN BE INSERTED.
- WARNING: IF SUPPORTS ARE LOWERED TO FAR THEY WILL FALL OUT OF THE RETAINING TUBES. 6. ATTACH PADS TO SUPPORTS AND LOWER TRANSPORT PACKAGE UNTIL SUPPORT PADS ARE ON FLAT
- AND LEVEL GROUND.
- 7. AFTER CONNECTING HYDRAULICS REMOVE MAST TOP AND PAY OUT BOOM HOIST TO POSITION TOP FORWARD AS REQUIRED.
- 8. ATTACH 6 METER INSERT TO MAST BUTT.
- 9. BLOCK FAR END OF 6 METER INSERT TO RAISE SUPPORT PAD OFF GROUND.
- 10. REMOVE SUPPORT PAD AND STOW. RAISE SUPPORTS WITH WINCH AND PIN IN RETRACTED POSITION. WARNING: DO NOT USE MAST SUPPORTS TO SUPPORT MORE THAN MAST BUTT WITH TOP OR MAST BUTT WITH 6 METER INSERT OR MAST SUPPORTS WILL COLLAPSE.
- 11. WITH 6 METER INSERT STILL BLOCKED, INSTALL 12 METER INSERT. MAST LENGTH IS NOW LONG ENOUGH TO MAINTAIN CLEARANCE IN MAST HINGE AREA.
- 12. INSTALL AND BLOCK MAST TOP AND POSITION EQUALIZER FOR MAST RAISING.
- 13. PLACE WIRE ROPE GUIDE IN 6 METER INSERT INTO THE WORKING POSITION.
- 14. POSITION MAST STOPS IN WORKING POSITION.
- 15. RAISE LIVE MAST AND ATTACH MAST SUPPORT STRAPS. (SEE SHEET 3 AND 4)
- 16. MAST IS NOW READY TO BE RAISED.

MAST SHIM INSTALLATION PROCEDURE

1. CENTER MAST ON ROTATING BED.

AND ON EXPRESS CONDITION THAT IT IS NOT TO BE

- MAST HINGE BUSHING ASSEMBLY

- MAST HINGE RETAINING PIN

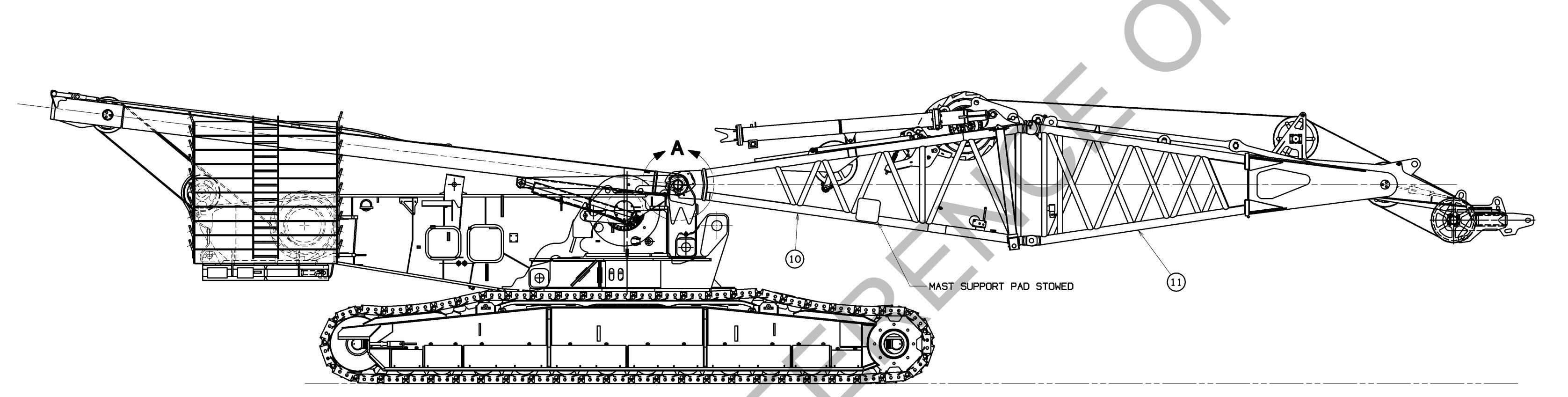
SECTION B-B

SCALE: 4 = 1 FT

- 2. INSERT THE THICKEST SHIM POSSIBLE BETWEEN THE BUTT HINGE PLATE AND THE OUTSIDE
- ROTATING BED LUGS ON EACH SIDE OF THE MACHINE.
- FIRST SHIM ON EACH SIDE OF THE MACHINE. 4. INSERT THE LAST SHIM IF POSSIBLE BETWEEN THE BUTT HINGE PLATE AND THE PREVIOUS

3. INSERT THE NEXT THICKEST SHIM POSSIBLE BETWEEN THE BUTT HINGE PLATE AND THE

- SHIM ON BOTH SIDES OF THE MACHINE.
- 5. MAXIMUM MAST SIDE PLAY TO BE 2mm. 6. ALIGN HOLES IN SHIMS WITH HOLES IN BUTT HINGE PLATE AND INSTALL SCREWS AND LOCKNUTS.

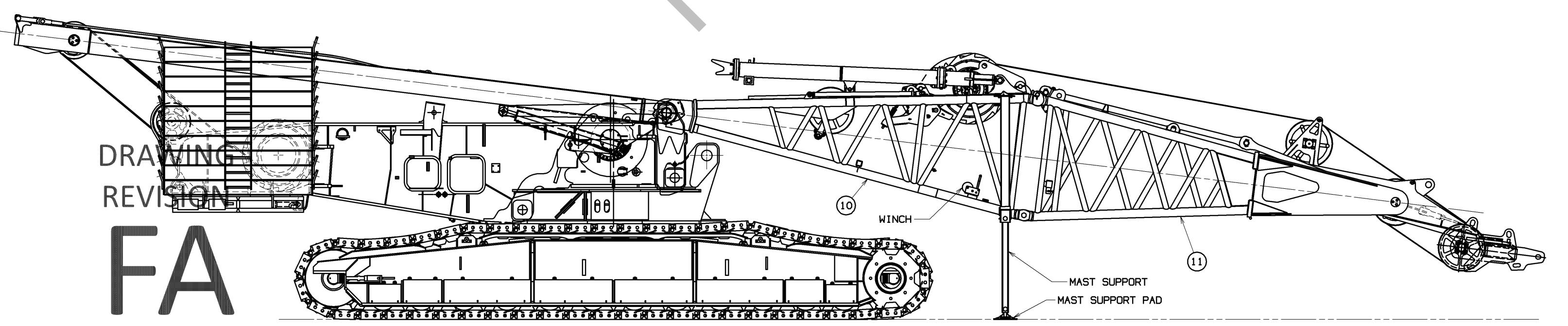


MAST TRANSPORTATION PACKAGE INSTALLATION

ADD SHIMS (ITEM 33, 34, 35) TO THE OUTSIDE OF———
THE MAST HINGE PLATE ON BOTH SIDES OF THE MACHINE
TO PREVENT SIDE PLAY IN MAST HINGE CONNECTION.
MAX. SIDE PLAY ALLOWED = 2MM

OUTSIDE LUG ON ROTATING BED-

MAST HINGE PIN-



MAST TRANSPORTATION PACKAGE SELF SUPPORTED

36 37

VIEW A

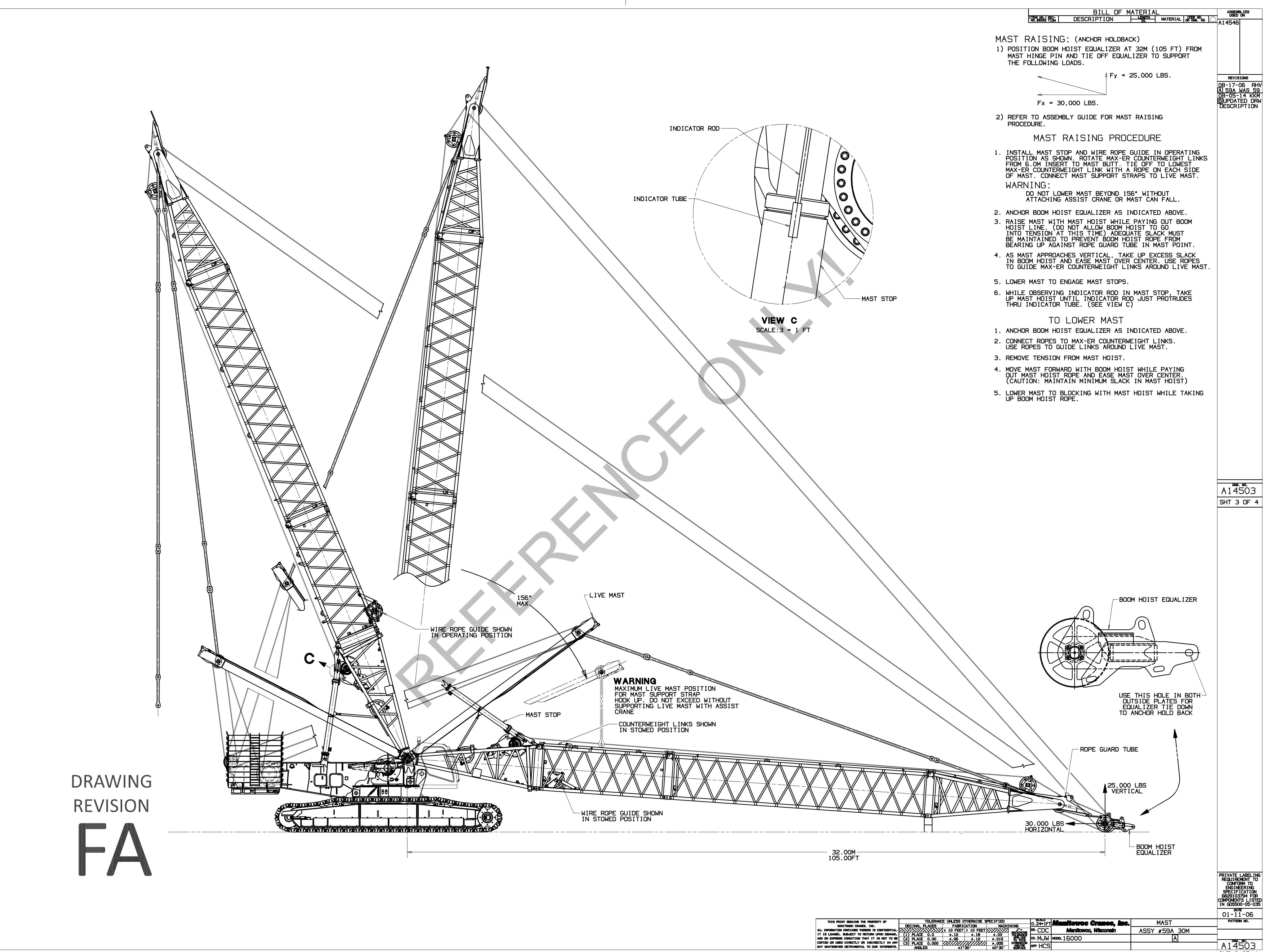
SCALE: 2 = 1 FT

33 34 35

36 37

DO NOT SCALE THIS DRAWING

ASSY #59A 30M



DO NOT SCALE THIS DRAWING

A14503 SHT 3 OF 4

