REVISION HISTORY DESCRIPTION DATE 5/14/1957 APPROVED DR RELEASE
REDRAWN CAD, ADD SHEETS 2-4, WAS GROUP DRAWING -SLOTS ON TOP FLUSH - (9.97) -----1.03 OVERLAP (.94) - 3.16 - (21.25) -8 SMS, FLT X HD #8 X 3/4" STEP 2: BOTTOM VIEW, BOTTOM METAL INSTALLATION 14 SMS, PAN X HD, #8 X 3/4" 44 F83451201 80 SMS, PAN X HD, #8 X 1/2" 12 SMS, PAN X HD, #8 X 1.00" 43 F83450101 DETAIL B SCALE 1 / 4 42 F83440304 22 SMS, FLAT CROSS HEAD #10 X 2.50" 41 F82400012 6 NAIL, 14 GA X 1 1/2" THRD, 7/32" HD T304SS 40 F82400002 4 NAIL, 14 GA X 3/4" THRD, 7/32" HD T304SS 39 F82071401 2 STUD, DOWEL 1/4-20 X 2.50" 4 BOLT, ELEVATOR 3/8-16 X 1.75" 37 F70006004 7 NUT, PUSH 1/4" 1 SPOUT, LH DIVIDER SAND, 298D 36 F08302402 35 F08302401 1 SPOUT, RH DIVIDER SAND, 298D 34 F03325002 1 DEFLECTOR, GRAIN SPOUT, TOP SHOE, SX298D 1 COVER, PITMAN BOARD 56,67", 298D 33 F03323113 32 F03322700 1 DEFLECTOR, BOTTOM METAL, TOP SHOE, SX298D 31 F03321202 1 SPOUT WLDMT, GRAIN, TOP SHOE, X298D 30 F03321000 2 END IRON, REAR, TOP SHOE, X29D/X298D 2 END IRON, TOP SHOE, X29D/X298D 2 DEFLECTOR, GRAIN, TOP SHOE, SUPER X29D 28 F03320800 1 METAL, BOTTOM FRONT, TOP SHOE, X298D 27 F03320703 26 F03318502 1 BRIDGE, TOP SHOE, SX298D 25 F03300702 1 METAL, BOTTOM REAR, TOP SHOE, X298D 24 F03134703 3 BOARD, BOTTOM STIFFENER, TOP SHOE, SX #9 23 F03125302 1 BOARD, REAR GRAIN, TOP SHOE, SX298D 1 BOARD, FRONT GRAIN, TOP SHOE, SX298D 21 F03125101 1 BOARD, REAR, SPOUT GIRT 10.75", 298D 20 F03125001 1 BOARD, CROSS, 6.00 X 56.75" 19 F03124800 2 RUNNER ASSY, TOP SHOE, SX29D/SX298D 1 BOARD, TOP, TOP SHOE, SX298D 18 F03124701 1 BOARD, CROSS, BOTTOM SPOUT 8", SX298D 17 F03124601 1 SIDE, SHOE, LH TOP, SUPER X298D 16 F03124502 15 F03124501 1 SIDE, SHOE, RH TOP, SUPER X298D (8.00) -14 F03123901 1 BOARD, PITMAN, SX298D DETAIL A 13 F03120702 1 BOARD, SPOUT GIRT 4.00", SHOE #8 GRAIN BOARD CUTAWAY DETAIL SCALE 1 / 4 12 F03100602 1 BOARD, CROSS, BOTTOM SPOUT 4", SX298D — 13.75 – 1 DOOR ASSY, TOP SHOE, SX298D ← (8.00) ← 10 F03002801 1 GIRT WLDMT, SHOE, X298D (.86) TYP—— 9 F01801700 4 PLATE, ESCUTHCHEON, TILT ROD ROCKER GROOVE 8 F01200300 7 70010521 4 RACK, STRAIGHT ROCKER ADJUSTING 43 SCW, DECK FLT HD #6 X 2.00" 00 6 66784400 4 NUT, HEX SERR LOCK 3/8-16 5 66443300 9 WASHER, LOCK HELICAL 1/4" 4 66403300 2 WASHER, FLAT 1/4" 3 66363300 9 NUT, WING 1/4-20 TYPE B STYLE 1 2 65852226 24 SMS, FLT X HD #8 X 1.25" 00 1 60283328 7 BOLT, CARR 1/4-20 X 1.50" ITEM PART NUMBER QTY DESCRIPTION DIVISION OF A.T.FERRELL COMPANY his drawing is the property of the A.T. Ferrell Company, In-and must be returned immediately upon request. and must be returned immediately upon request.

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10/5/2012 1:34:44 PM Last Saved By dmjohnson TimeStamp REVISION HISTORY DESCRIPTION DATE APPROVED 5/14/1957 DR RELEASE REDRAWN CAD, ADD SHEETS 2-4, WAS GROUP DRAWING DRILL Ø.375 THRU ∟ Ø1.28 ¥ .15 2X-TYP DETAIL D SCALE 3/8 36 DRILL Ø.109 ▼ 2.50 (33) DRILL Ø.188 ▼ 1.42-✓ Ø.385 X 82° 22X STEP 4: BOTTOM VIEW, DIVIDER SPOUTS, PITMAN COVER & RUNNER INSTALLATION INSTALL PITMAN COVER PRIOR TO INSTALLING RUNNERS 46 F84212122 8 SMS, FLT X HD #8 X 3/4" 45 F83453402 14 SMS, PAN X HD, #8 X 3/4" FLUSH W/SHOE SLIDE SPOUTS INTO 44 F83451201 80 SMS, PAN X HD, #8 X 1/2 BOTTOM BOARD GROOVES 12 SMS, PAN X HD, #8 X 1.00" 43 F83450101 DO NOT FASTEN 42 F83440304 22 SMS, FLAT CROSS HEAD #10 X 2.50" 41 F82400012 6 NAIL, 14 GA X 1 1/2" THRD, 7/32" HD T304SS 40 F82400002 4 NAIL, 14 GA X 3/4" THRD, 7/32" HD T304SS 39 F82071401 2 STUD, DOWEL 1/4-20 X 2.50" 38 F80016013 4 BOLT, ELEVATOR 3/8-16 X 1.75' 37 F70006004 7 NUT, PUSH 1/4" 1 SPOUT, LH DIVIDER SAND, 298D 36 F08302402 35 F08302401 1 SPOUT, RH DIVIDER SAND, 298D 34 F03325002 1 DEFLECTOR, GRAIN SPOUT, TOP SHOE, SX298D 1 COVER, PITMAN BOARD 56,67", 298D 33 F03323113 32 F03322700 1 DEFLECTOR, BOTTOM METAL, TOP SHOE, SX298D 31 F03321202 1 SPOUT WLDMT, GRAIN, TOP SHOE, X298D 30 F03321000 2 END IRON, REAR, TOP SHOE, X29D/X298D 2 END IRON, TOP SHOE, X29D/X298D NO SCREWS \_NO SCREWS -TYP 28 F03320800 2 DEFLECTOR, GRAIN, TOP SHOE, SUPER X29D -TYP 1 METAL, BOTTOM FRONT, TOP SHOE, X298D 27 F03320703 26 F03318502 1 BRIDGE, TOP SHOE, SX298D 1 METAL, BOTTOM REAR, TOP SHOE, X298D 25 F03300702 24 F03134703 3 BOARD, BOTTOM STIFFENER, TOP SHOE, SX #9 23 F03125302 1 BOARD, REAR GRAIN, TOP SHOE, SX298D 22 F03125202 1 BOARD, FRONT GRAIN, TOP SHOE, SX298D 21 F03125101 1 BOARD, REAR, SPOUT GIRT 10.75", 298D 20 F03125001 1 BOARD, CROSS, 6.00 X 56.75" 19 F03124800 2 RUNNER ASSY, TOP SHOE, SX29D/SX298D 1 BOARD, TOP, TOP SHOE, SX298D 18 F03124701 17 F03124601 1 BOARD, CROSS, BOTTOM SPOUT 8", SX298D 1 SIDE, SHOE, LH TOP, SUPER X298D 16 F03124502 15 F03124501 1 SIDE, SHOE, RH TOP, SUPER X298D 14 F03123901 1 BOARD, PITMAN, SX298D 13 F03120702 1 BOARD, SPOUT GIRT 4.00", SHOE #8 12 F03100602 1 BOARD, CROSS, BOTTOM SPOUT 4", SX298D 1 DOOR ASSY, TOP SHOE, SX298D 2.00 - 41 2.00 - (41) 10 F03002801 1 GIRT WLDMT, SHOE, X298D FLUSH-9 F01801700 4 PLATE, ESCUTHCHEON, TILT ROD ROCKER STEP 3: BOTTOM VIEW, BOTTOM CROSS BOARD INSTALLATION USE RUNNERS: F03124800 AS A LAYOUT TEMPLATE 8 F01200300 4 RACK, STRAIGHT ROCKER ADJUSTING 7 70010521 43 SCW, DECK FLT HD #6 X 2.00" 6 66784400 4 NUT, HEX SERR LOCK 3/8-16 → (.75) NOTCH 5 66443300 9 WASHER, LOCK HELICAL 1/4" **--**6.97 <del>---|</del> (6.00) 4 66403300 2 WASHER, FLAT 1/4" 3 66363300 9 NUT, WING 1/4-20 TYPE B STYLE 1 2 65852226 24 SMS, FLT X HD #8 X 1.25" 1 60283328 7 BOLT, CARR 1/4-20 X 1.50" ITEM PART NUMBER QTY DESCRIPTION DIVISION OF A.T.FERRELL COMPANY This drawing is the property of the A.T. Ferrell Company, Ir and must be returned immediately upon request. and must be returned immediately upon request.

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10/5/2012 1:34:44 PM Last Saved By dmjohnson TimeStamp DESCRIPTION DATE APPROVED
5/14/1957 DR RELEASE REDRAWN CAD, ADD SHEETS 2-4, WAS GROUP DRAWING 10/5/2012 dmjohnson DRILL Ø.250 THRU 7X UȘE BRIDGE AS LAYOUT TEMPLATE DETAIL F 25 (44) (44) INSTALL ALL SPOUT SCREWS STEP 6: TOP VIEW, BOTTOM METAL & CROSS BOARD SCREW INSTALLATION BEFORE INSTALLING BRIDGE & DEFLECTOR FASTENERS 46 F84212122 8 SMS, FLT X HD #8 X 3/4" 45 F83453402 14 SMS, PAN X HD, #8 X 3/4" 44 F83451201 80 SMS, PAN X HD, #8 X 1/2" 12 SMS, PAN X HD, #8 X 1.00" 43 F83450101 42 F83440304 22 SMS, FLAT CROSS HEAD #10 X 2.50" 41 F82400012 6 NAIL, 14 GA X 1 1/2" THRD, 7/32" HD T304SS 40 F82400002 4 NAIL, 14 GA X 3/4" THRD, 7/32" HD T304SS 39 F82071401 2 STUD, DOWEL 1/4-20 X 2.50" 38 F80016013 4 BOLT, ELEVATOR 3/8-16 X 1.75" 37 F70006004 7 NUT, PUSH 1/4" 1 SPOUT, LH DIVIDER SAND, 298D 36 F08302402 35 F08302401 1 SPOUT, RH DIVIDER SAND, 298D 34 F03325002 1 DEFLECTOR, GRAIN SPOUT, TOP SHOE, SX298D DRILL Ø.109 ¥ 1.25 1 COVER, PITMAN BOARD 56,67", 298D 33 F03323113 -DRILL Ø.172 ▼ 0.71 32 F03322700 1 DEFLECTOR, BOTTOM METAL, TOP SHOE, SX298D. 31 F03321202 1 SPOUT WLDMT, GRAIN, TOP SHOE, X298D ✓ Ø.385 X 82° 8X-TYP SECTION E-E 30 F03321000 2 END IRON, REAR, TOP SHOE, X29D/X298D 29 F03320900 2 END IRON, TOP SHOE, X29D/X298D 28 F03320800 2 DEFLECTOR, GRAIN, TOP SHOE, SUPER X29D 1 METAL, BOTTOM FRONT, TOP SHOE, X298D 27 F03320703 26 F03318502 1 BRIDGE, TOP SHOE, SX298D 25 F03300702 1 METAL, BOTTOM REAR, TOP SHOE, X298D 3 BOARD, BOTTOM STIFFENER, TOP SHOE, SX #9 24 F03134703 23 F03125302 1 BOARD, REAR GRAIN, TOP SHOE, SX298D 22 F03125202 1 BOARD, FRONT GRAIN, TOP SHOE, SX298D \_SEAL SPOUT SEAM WITH SILICONE CAULK 21 F03125101 1 BOARD, REAR, SPOUT GIRT 10.75", 298D 20 F03125001 1 BOARD, CROSS, 6.00 X 56.75" 19 F03124800 2 RUNNER ASSY, TOP SHOE, SX29D/SX298D 1 BOARD, TOP, TOP SHOE, SX298D 18 F03124701 17 F03124601 1 BOARD, CROSS, BOTTOM SPOUT 8", SX298D 1 SIDE, SHOE, LH TOP, SUPER X298D 16 F03124502 15 F03124501 1 SIDE, SHOE, RH TOP, SUPER X298D 14 F03123901 1 BOARD, PITMAN, SX298D 13 F03120702 1 BOARD, SPOUT GIRT 4.00", SHOE #8 12 F03100602 1 BOARD, CROSS, BOTTOM SPOUT 4", SX298D 24)-(24) 11 F03029701 1 DOOR ASSY, TOP SHOE, SX298D 1 GIRT WLDMT, SHOE, X298D 10 F03002801 9 F01801700 4 PLATE, ESCUTHCHEON, TILT ROD ROCKER 8 F01200300 7 70010521 4 RACK, STRAIGHT ROCKER ADJUSTING STEP 5: BOTTOM VIEW, STIFFENER BOARD INSTALLATION 43 SCW, DECK FLT HD #6 X 2.00" 6 66784400 4 NUT, HEX SERR LOCK 3/8-16 5 66443300 9 WASHER, LOCK HELICAL 1/4" 4 66403300 2 WASHER, FLAT 1/4" 3 66363300 9 NUT, WING 1/4-20 TYPE B STYLE 1 24 SMS, FLT X HD #8 X 1.25" 2 65852226 1 60283328 7 BOLT, CARR 1/4-20 X 1.50" ITEM PART NUMBER QTY DESCRIPTION 00 DIVISION OF

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1. DO NOT SCALE FROM DRAWING. 2. ONE PIECE REQUIRED PER F03013304/07: SHOE ASSY, TOP W/ROCKERS RH/LH, SX298D.

± 1/2° NONE

CAD NO MANUAL CHANGES 1:8 3 OF 4

F03013300

10/5/2012 1:34:44 PM Last Saved By dmjohnson TimeStamp RELEASE
REDRAWN CAD, ADD SHEETS 2-4, WAS GROUP DRAWING SCALE 1/10 FLUSH WITH SLOT EDGE 4X  $\left(4\right)\left(5\right)\left(3\right)\left(39\right)$ DOOR SEAL OVERLAPS GRAIN SPOUT FLANGE FLUSH WITH SHOE SIDE-SCALE 3/8 BOTTOM EDGE DETAIL J SCALE 3/8 FLUSH SHOE INSIDE-TYP 3 5 4 39 8 SMS, FLT X HD #8 X 3/4" 14 SMS, PAN X HD, #8 X 3/4" 44 F83451201 80 SMS, PAN X HD, #8 X 1/2" 43 F83450101 12 SMS, PAN X HD, #8 X 1.00" 42 F83440304 22 SMS, FLAT CROSS HEAD #10 X 2.50" 41 F82400012 6 NAIL, 14 GA X 1 1/2" THRD, 7/32" HD T304SS 40 F82400002 4 NAIL, 14 GA X 3/4" THRD, 7/32" HD T304SS 39 F82071401 2 STUD, DOWEL 1/4-20 X 2.50" STEP 8: COMPLETE 4 BOLT, ELEVATOR 3/8-16 X 1.75" - (57.58) -37 F70006004 7 NUT, PUSH 1/4" 1 SPOUT, LH DIVIDER SAND, 298D 36 F08302402 35 F08302401 1 SPOUT, RH DIVIDER SAND, 298D 34 F03325002 1 DEFLECTOR, GRAIN SPOUT, TOP SHOE, SX298D 1 COVER, PITMAN BOARD 56,67", 298D 33 F03323113 32 F03322700 1 DEFLECTOR, BOTTOM METAL, TOP SHOE, SX298D 31 F03321202 1 SPOUT WLDMT, GRAIN, TOP SHOE, X298D FLUSH WITH SHOE SIDE 30 F03321000 2 END IRON, REAR, TOP SHOE, X29D/X298D 2 END IRON, TOP SHOE, X29D/X298D FRONT EDGE 2 DEFLECTOR, GRAIN, TOP SHOE, SUPER X29D 28 F03320800 27 F03320703 1 METAL, BOTTOM FRONT, TOP SHOE, X298D 26 F03318502 1 BRIDGE, TOP SHOE, SX298D 25 F03300702 1 METAL, BOTTOM REAR, TOP SHOE, X298D 24 F03134703 3 BOARD, BOTTOM STIFFENER, TOP SHOE, SX #9 23 F03125302 BOARD, REAR GRAIN, TOP SHOE, SX298D 22 F03125202 1 BOARD, FRONT GRAIN, TOP SHOE, SX298D 21 F03125101 BOARD, REAR, SPOUT GIRT 10.75", 298D 20 F03125001 1 BOARD, CROSS, 6.00 X 56.75" 19 F03124800 2 RUNNER ASSY, TOP SHOE, SX29D/SX298D 18 F03124701 1 BOARD, TOP, TOP SHOE, SX298D DETAIL H 1 BOARD, CROSS, BOTTOM SPOUT 8", SX298D 17 F03124601 SCALE 3/8 1 SIDE, SHOE, LH TOP, SUPER X298D 16 F03124502 (18) DETAIL G 15 F03124501 1 SIDE, SHOE, RH TOP, SUPER X298D 14 F03123901 1 BOARD, PITMAN, SX298D 13 F03120702 1 BOARD, SPOUT GIRT 4.00", SHOE #8 12 F03100602 1 BOARD, CROSS, BOTTOM SPOUT 4", SX298D (.86) --1 DOOR ASSY, TOP SHOE, SX298D 1 GIRT WLDMT, SHOE, X298D 10 F03002801 (29) 9 F01801700 4 PLATE, ESCUTHCHEON, TILT ROD ROCKER \_(29) 29) 4 RACK, STRAIGHT ROCKER ADJUSTING 8 F01200300 7 70010521 43 SCW, DECK FLT HD #6 X 2.00" (44) 6 66784400 4 NUT, HEX SERR LOCK 3/8-16 (44) 5 66443300 9 WASHER, LOCK HELICAL 1/4" - NO SCREW 4 66403300 2 WASHER, FLAT 1/4" SCREW 3 66363300 9 NUT, WING 1/4-20 TYPE B STYLE 1 24 SMS, FLT X HD #8 X 1.25" 2 65852226 NO - NO SCREW 1 60283328 7 BOLT, CARR 1/4-20 X 1.50" SCREW ITEM PART NUMBER QTY DESCRIPTION DIVISION OF

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1:8

4 OF 4

F03013300