I.C. Twin Hopper
61-16738
GENERAL
ARRANGEMENT
50-TON HOPPER CAR
JULY 25, 47
ILL. CENT. SYSTEM
AMERICAN CAR AND FOUNDRY CO.
LOT 3243
NOTE: DWG. NOS. WITH LETTER PRECEDING SAME AS J1990 ARE ILL. CENT. DWGS.
TOP HANDHOLDS ARE STANDARD & BENT DOWN TO GIVE DIMENSION SHOWN AFTER APPLICATION TO CAR.
UNIVERSAL HAND BRAKE
MORTON BRAKE STEP
SEAL WELD
CLEARANCE DIAGRAM
9'-8 3/8" OVER CORNER POSTS
10'-5" OVER SIDE PLATES
10'-4" OVER SIDE SILLS
SIDE BEARING CLEARANCE 3/4" AAR STANDARD AS PER DWG. F19000
SECTION "B-B"
SECTION "A-A"
TOP OF RAIL
FILLER #F2716
SPRING STEEL #F2706 SHIM #F2689
33'-0 1/2" OVER END SILLS
33'-1 1/8" OVER CORNER POSTS
33'-9 1/4" OVER END PLTS.
33'-0" INSIDE LENGTHS
10'-4" INSIDE WIDTH
"B" END OF CAR
ROUTE CARDBOARD #J2186 HERE & DIAG. OPPOSITE
1/4" SIDE SHEETS
W: WELD INSIDE
7'-5" SIDE SILL TO TOP SIDE PLT.
3'-3" TO BOTT. OF SIDE SILL
DOOR HINGE PIN DWG. 11-19886
HINGE BUTT ANGLE #201
DOOR HINGE 21-16746
WINE DOOR LOCKS
HOPPER DOOR #732
A.A.R. 36.2# WELDED CENTER SILL
C.S.K. FAR SIDE
DOOR OPENING
33" DIA. WHEELS
24'-0" TRUCK CENTERS
33'-11" OVER STRIKERS
36'-6" LENGTH OVER PULLING FACE OF COUPLERS
PULLING FACE OF COUPLER
℄ COUPLER
KING PIN F2740
DRAFT GEAR KEY J2295
FOLLOWER F1832
"E" SHOP CHANGES
"D" DIMS. FOR END LADDERS RELOCATED.
"C" ADDED SEAL WELD BETWEEN STRIKER & CENTER SILL
"B" CUSTOMERS CHANGES
"A" DWGS NO. ON TOP GRABS WAS 21-16768
CIRCULAR LETTERS
NOS
DATE
REV