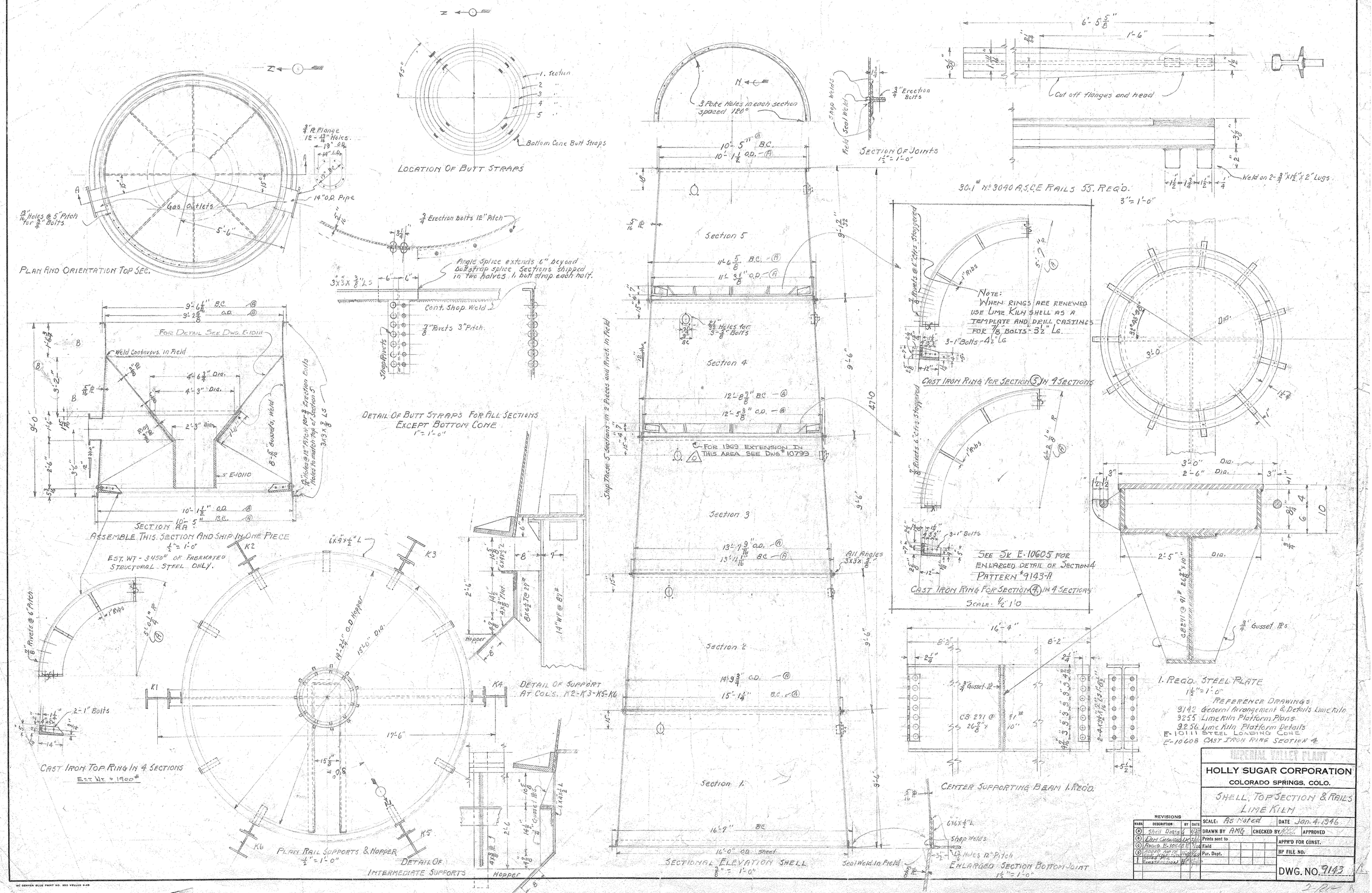
PLAN AND ORIENTATION TOP SEC.
LOCATION OF BUTT STRAPS
1. Section
Bottom Cone Butt Straps
DETAIL OF BUTT STRAPS FOR ALL SECTIONS EXCEPT BOTTOM CONE 1" = 1'-0"
SECTION OF JOINTS 1½" = 1'-0"
30.1# No. 3040 A.S.C.E. RAILS 55. REQ'D. 3" = 1'-0"
Cut off flanges and head
Weld on 2-¾"x1½"x2" Lugs
Section 5
Section 4
Section 3
Section 2
Section 1
FOR 1909 EXTENSION IN THIS AREA SEE DWG. 10799
SECTIONAL ELEVATION SHELL ⅜" = 1'-0"
CAST IRON RING FOR SECTION 5 IN 4 SECTIONS
CAST IRON RING FOR SECTION 4 IN 4 SECTIONS
SEE SK E-10605 FOR ENLARGED DETAIL OF SECTION 4 PATTERN #9143-A
SCALE: ½" = 1'-0"
NOTE: WHEN RINGS ARE RENEWED USE LIME KILN SHELL AS A TEMPLATE AND DRILL CASTINGS FOR ⅞" BOLTS - 3½" LG.
CAST IRON TOP RING IN 4 SECTIONS
EST. WT = 1900#
PLAN RAIL SUPPORTS & HOPPER ½" = 1'-0"
DETAIL OF SUPPORT AT COLS. K2-K3-K5-K6
DETAIL OF INTERMEDIATE SUPPORTS
CENTER SUPPORTING BEAM 1. REQ'D.
ENLARGED SECTION BOTTOM JOINT 1½" = 1'-0"
1. REQ'D. STEEL PLATE 1½" = 1'-0"
REFERENCE DRAWINGS
9142 General Arrangement & Details Lime Kiln
9255 Lime Kiln Platform Plans
9256 Lime Kiln Platform Details
E-10111 Steel Loading Cone
E-10608 Cast Iron Ring Section 4
ASSEMBLE THIS SECTION AND SHIP IN ONE PIECE ½" = 1'-0"
EST. WT - 3450# OF FABRICATED STRUCTURAL STEEL ONLY.
IMPERIAL VALLEY PLANT
HOLLY SUGAR CORPORATION
COLORADO SPRINGS, COLO.
SHELL, TOP SECTION & RAILS
LIME KILN
SCALE: As Noted
DATE Jan. 4. 1946
DRAWN BY AMG
CHECKED BY
APPROVED
APPR'D FOR CONST.
BP FILE NO.
DWG. NO. 9143
REVISIONS
Prints sent to
Field
Pur. Dept.