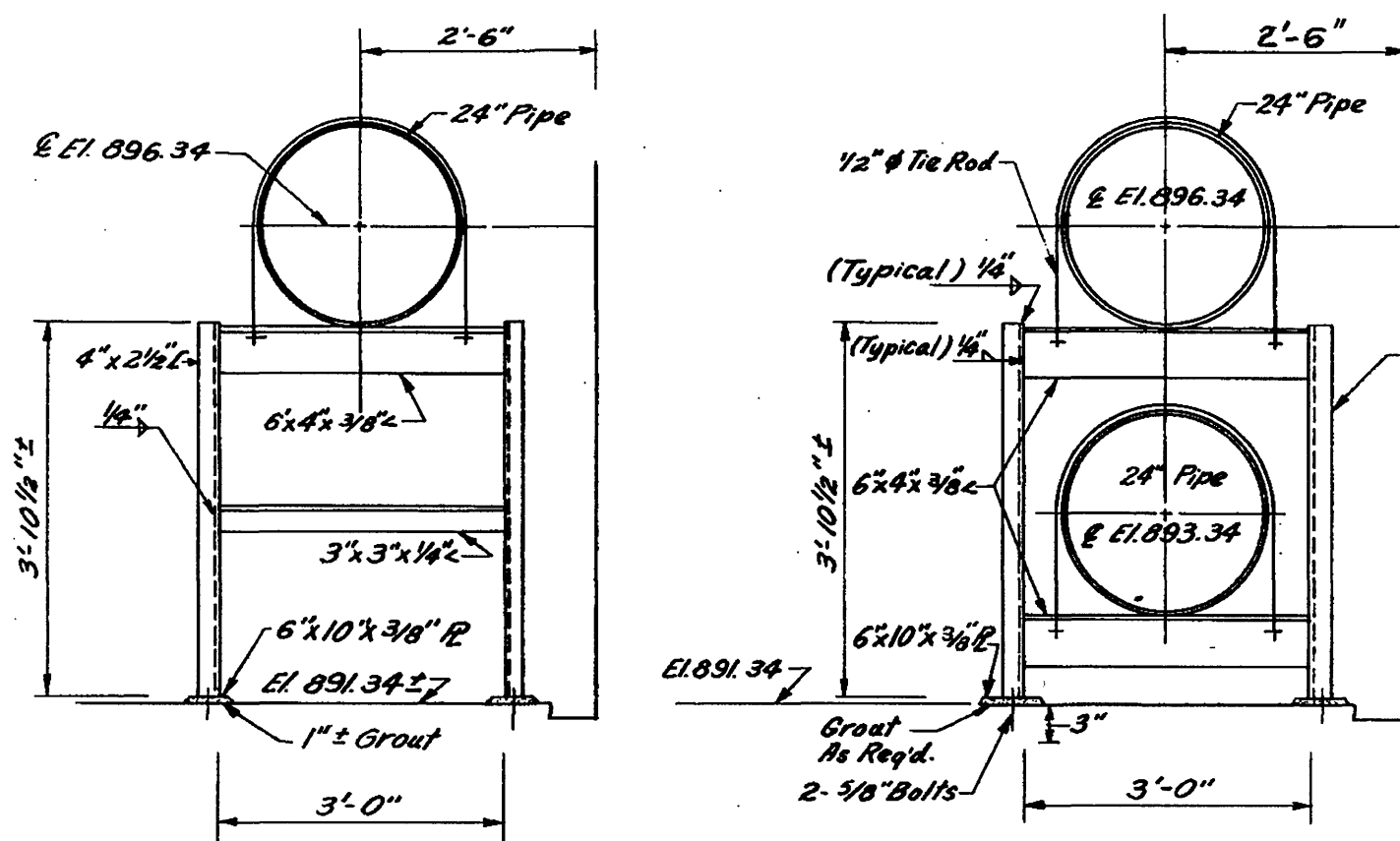
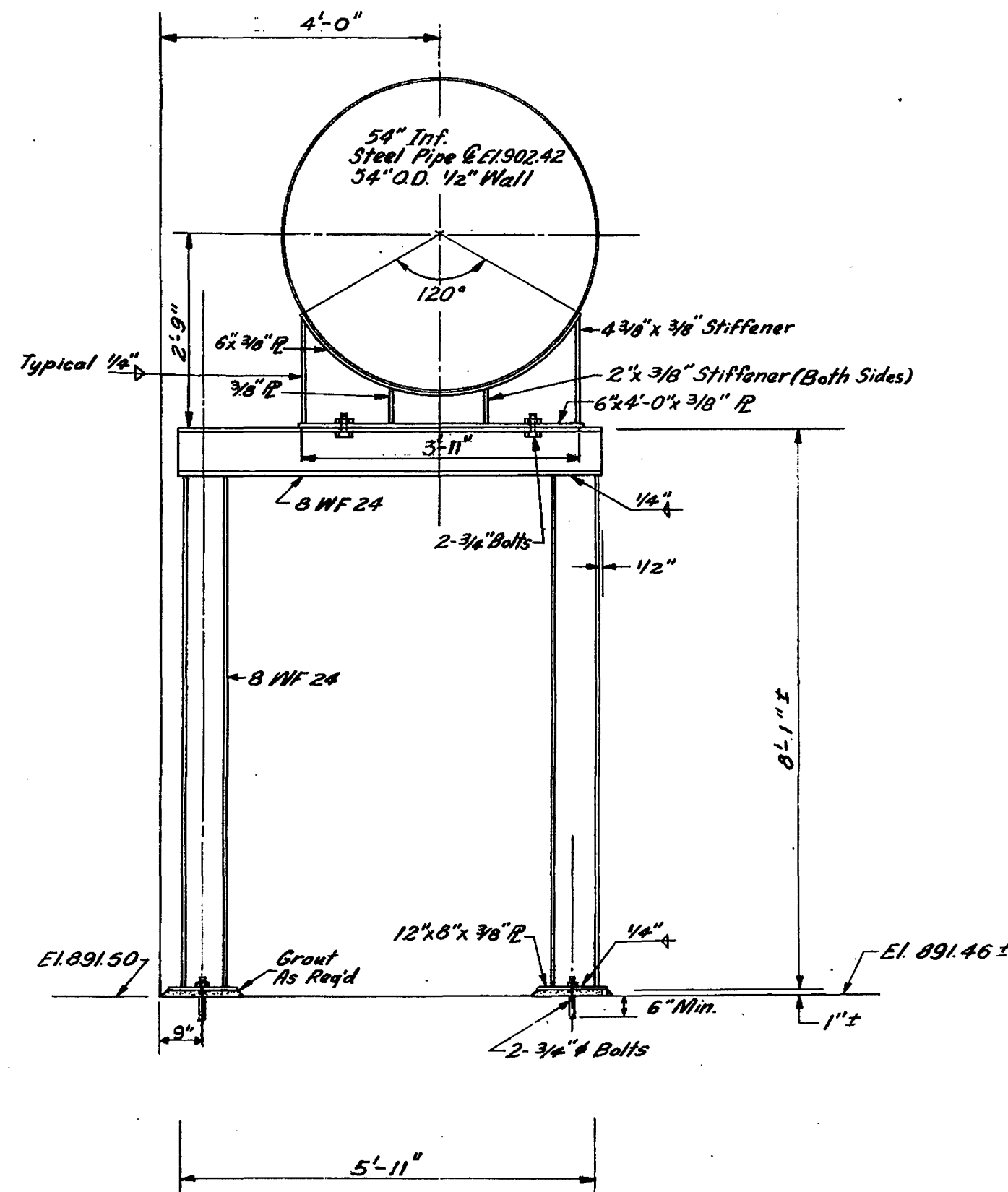


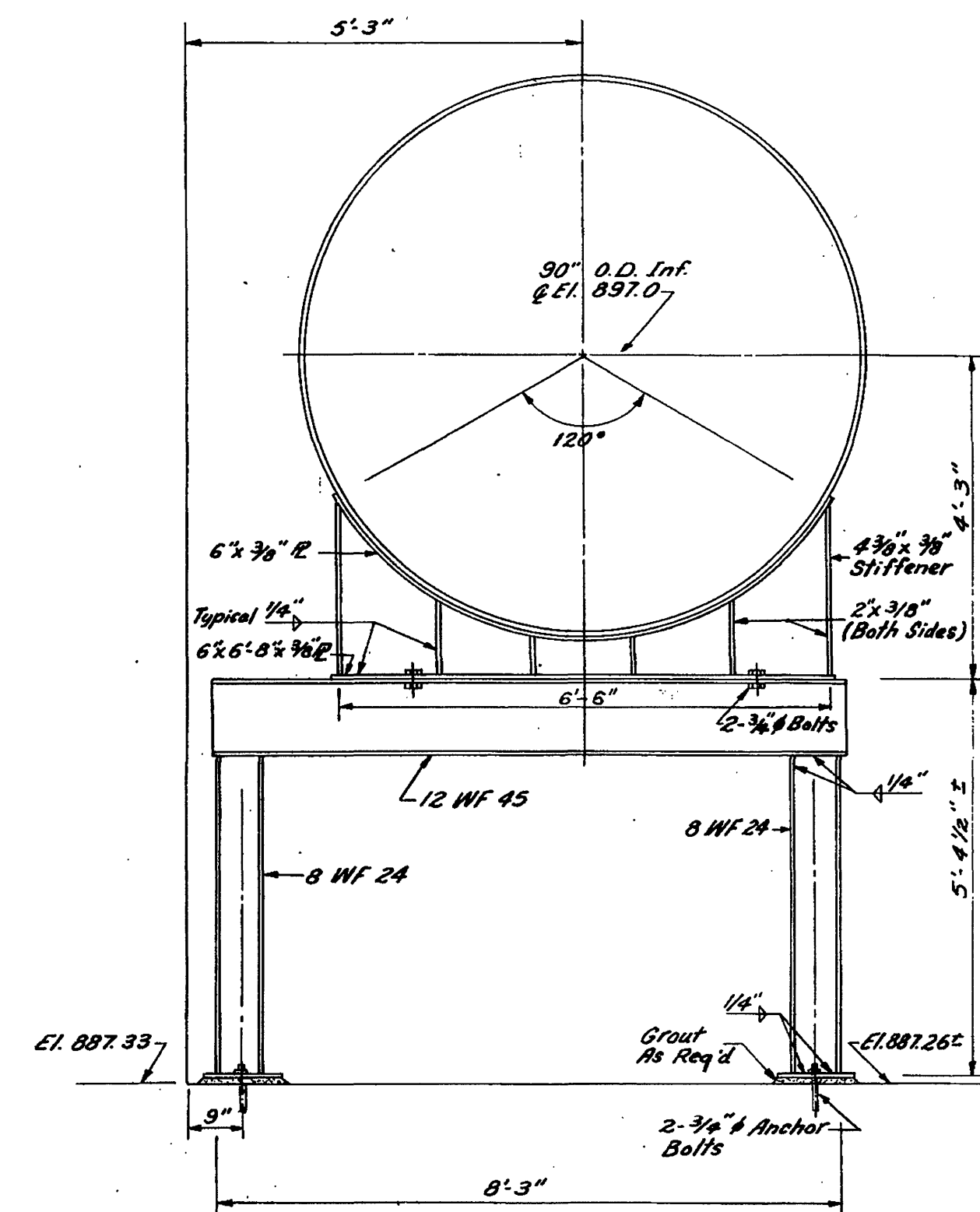


24" PIPE SUPPORT
Scale 1/2" = 1'-0"
(8' ± O.C.)

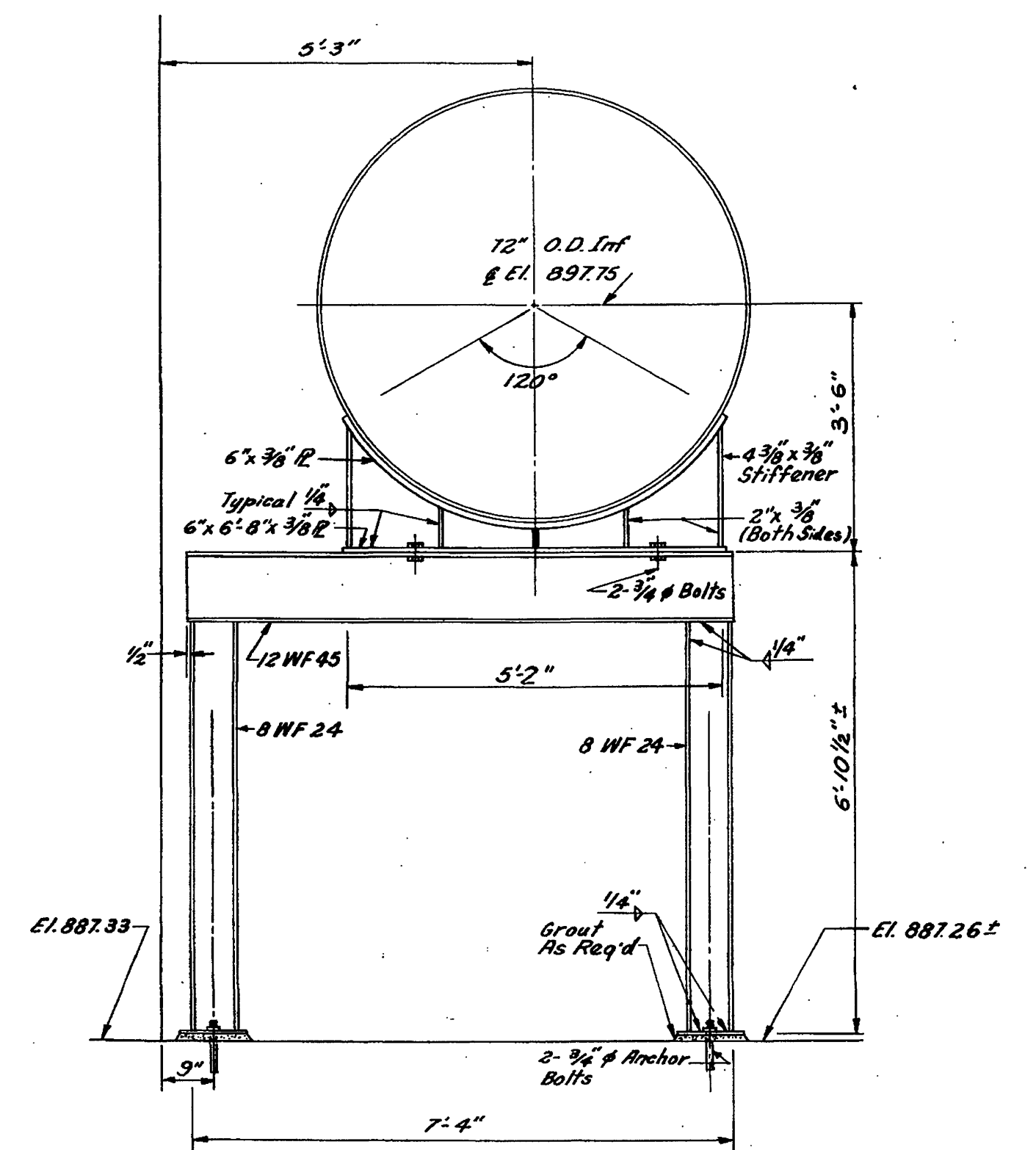
24" PIPE DOUBLE DECK SUPPORT
Scale 1/2" = 1'-0"
(8' ± O.C.)



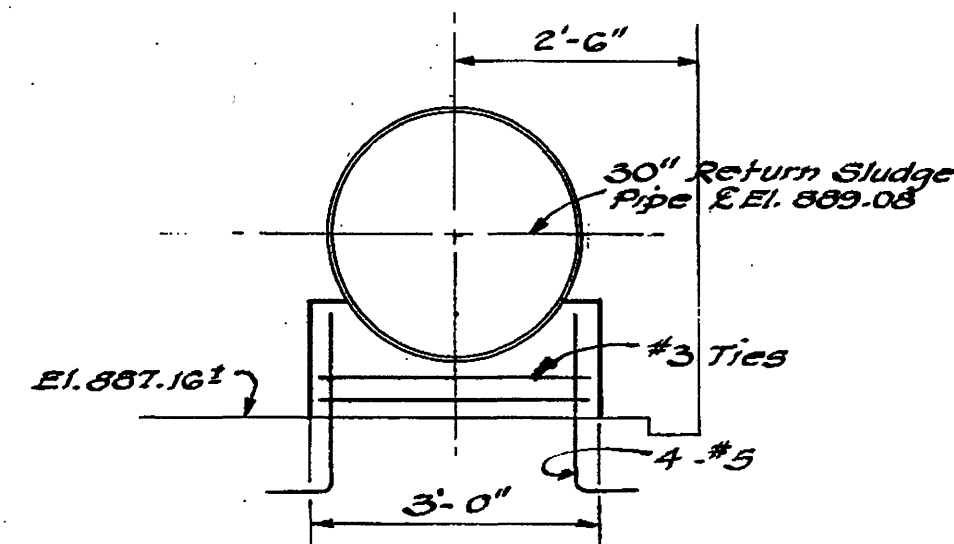
54" INF. PIPE SUPPORT
Scale 1/2" = 1'-0"
(10' ± O.C.)



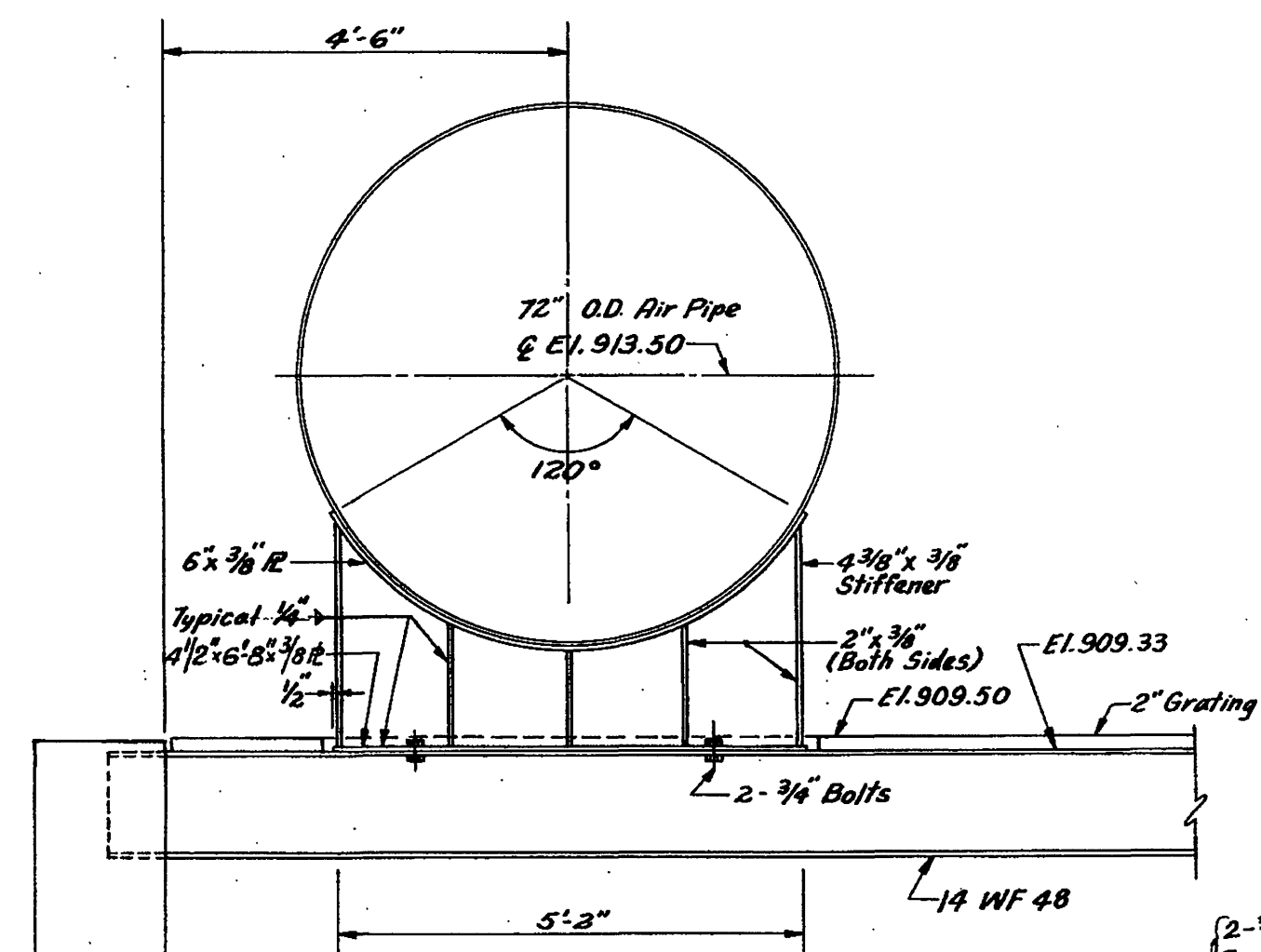
90" INF. PIPE SUPPORT
Scale 1/2" = 1'-0"
(10' ± O.C.)



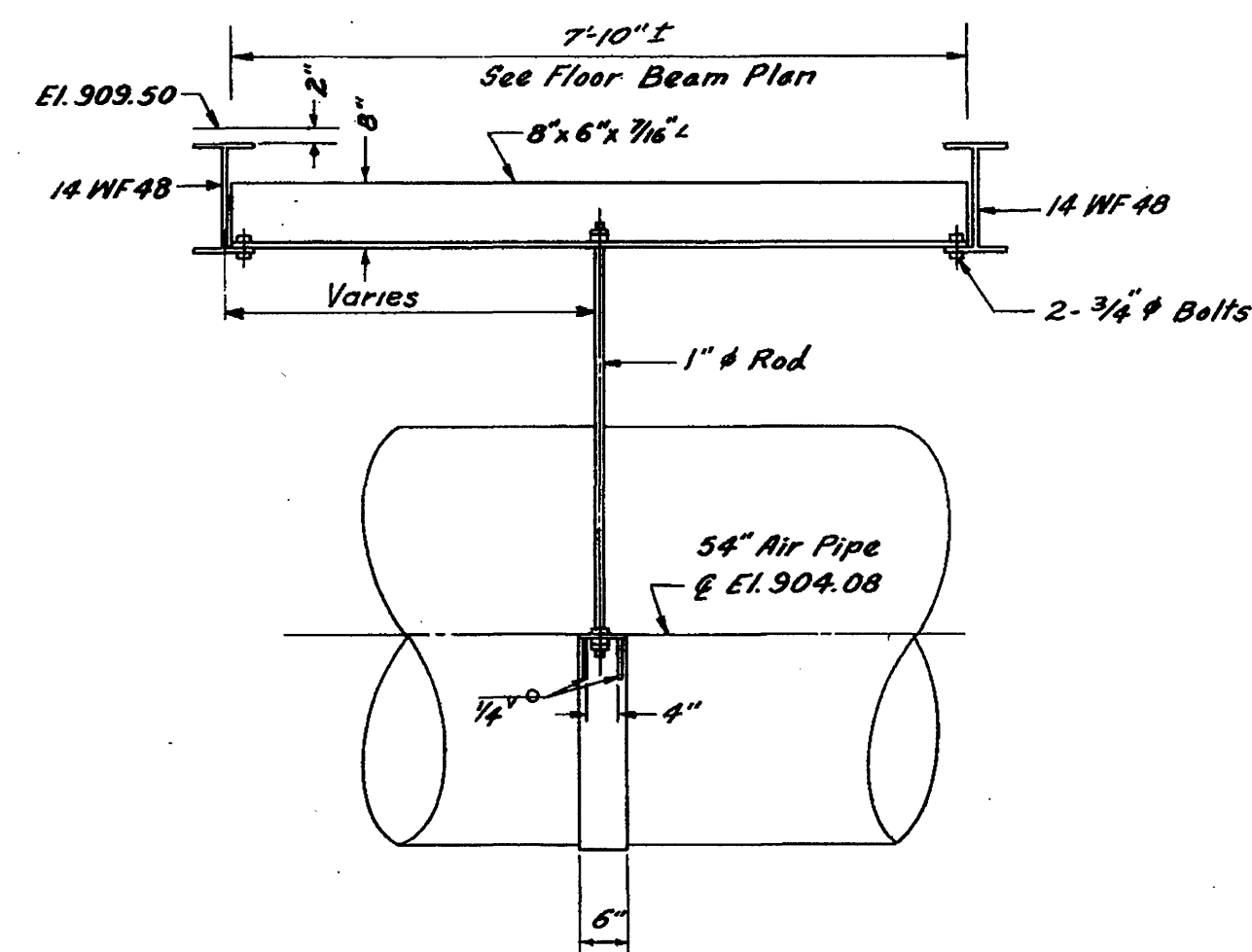
72" INF. PIPE SUPPORT
Scale 1/2" = 1'-0"
(10' ± O.C.)



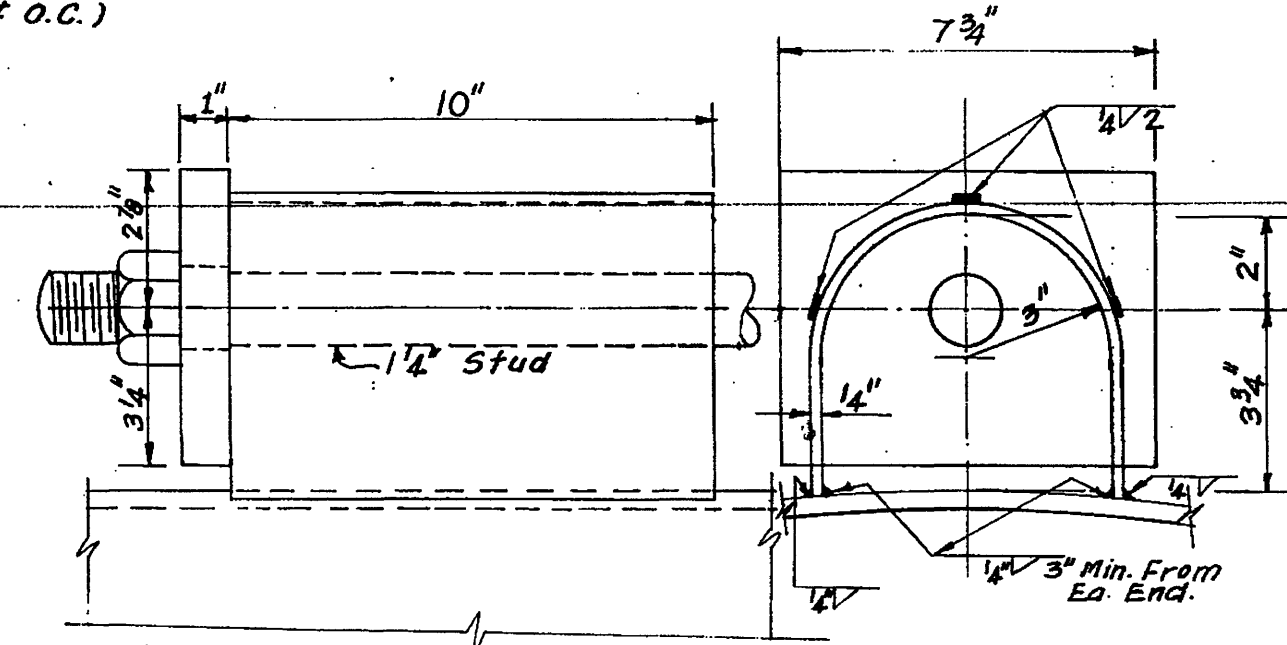
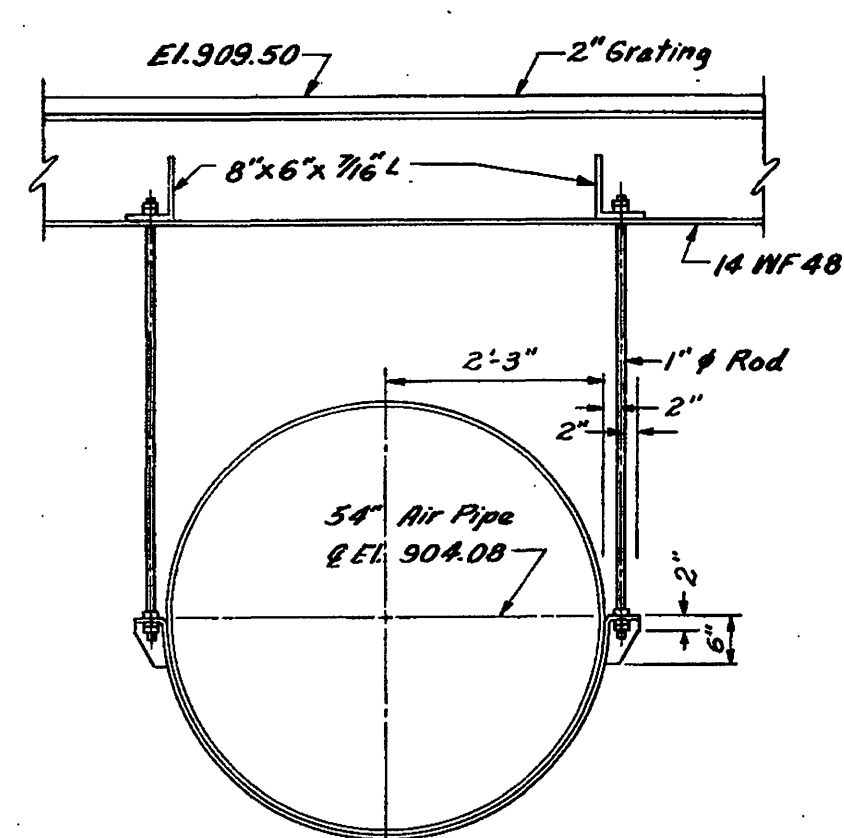
30" RETURN SLUDGE PIPE SUPPORT
Scale 1/2" = 1'-0"
(8' ± O.C.)



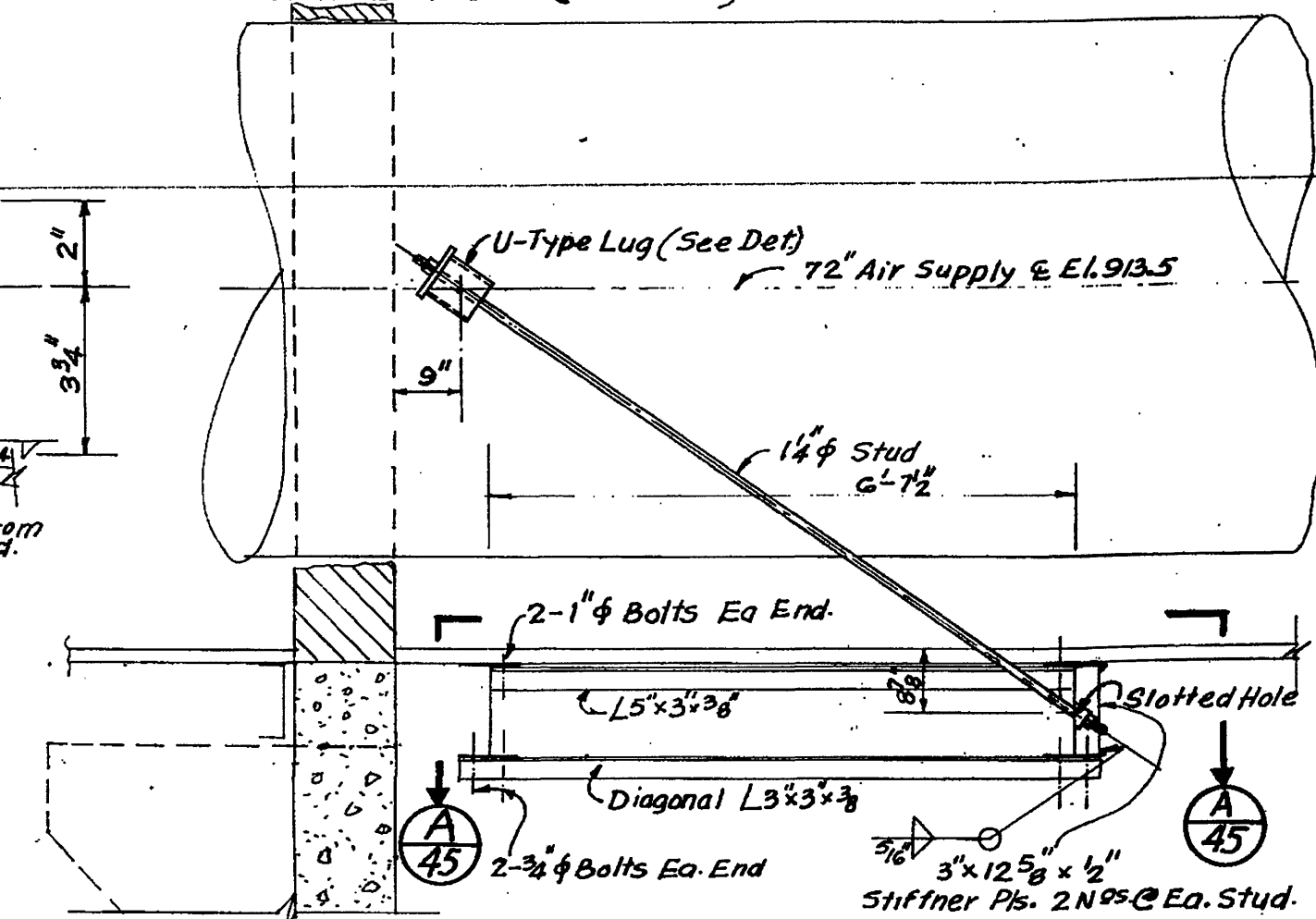
72" AIR PIPE SUPPORT
Scale 1/2" = 1'-0"
(16' ± O.C.)



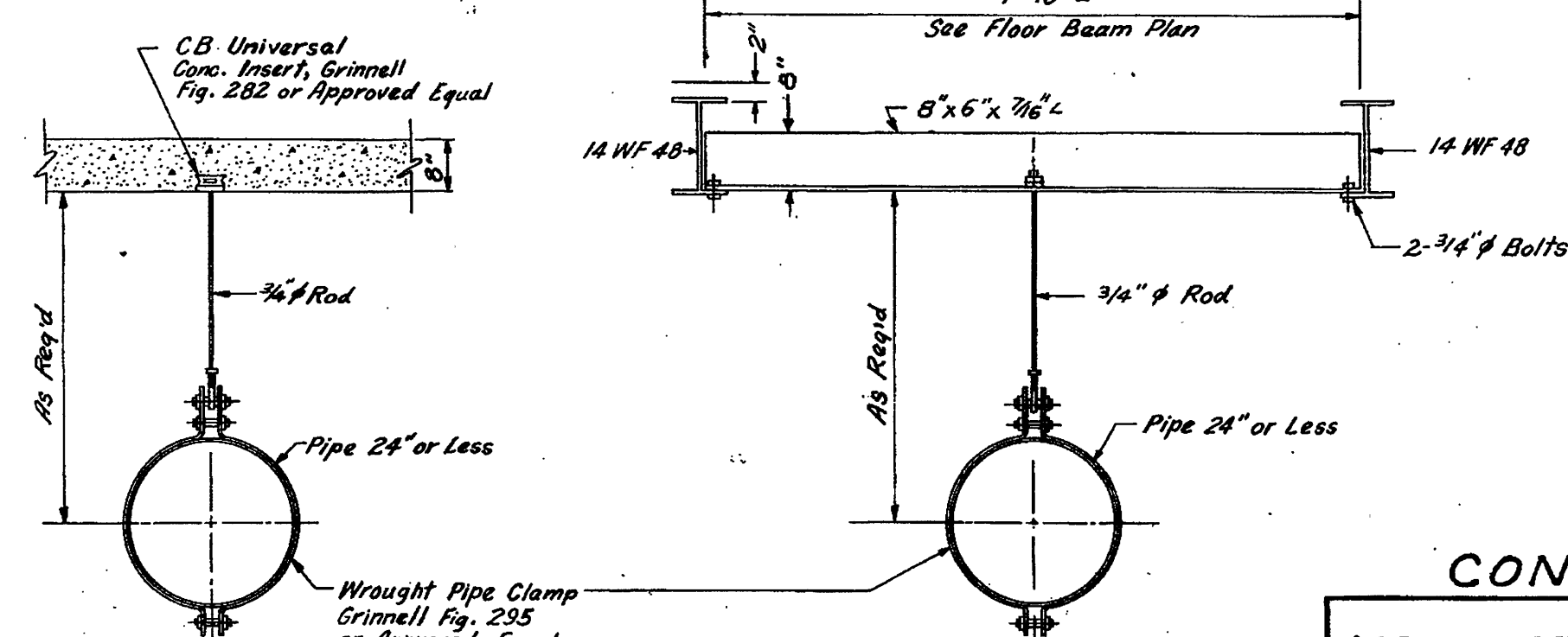
54" AIR PIPE HANGER DETAIL
Scale 1/2" = 1'-0"
(16' ± O.C.)



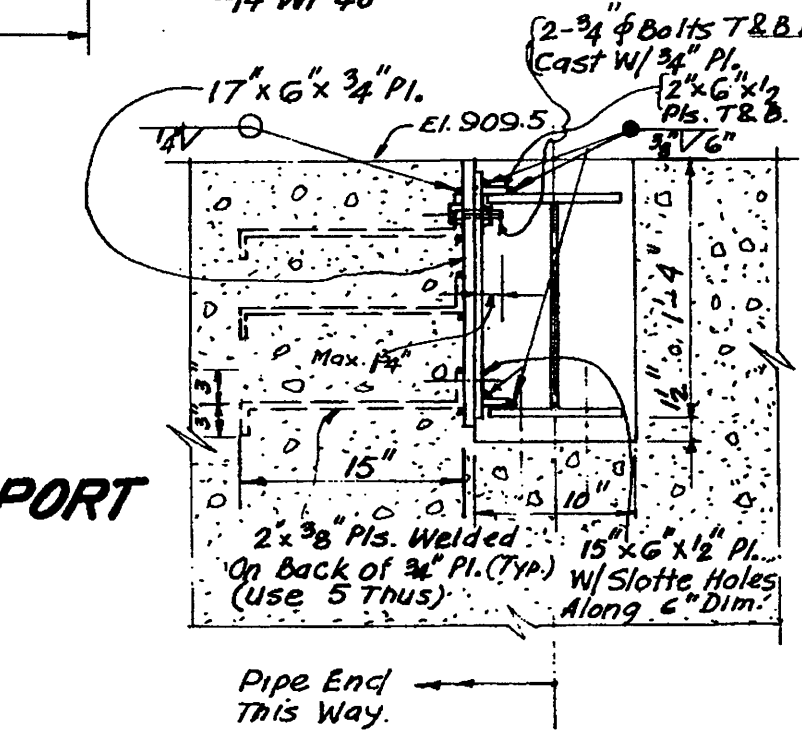
U-TYPE LUG DET.
Scale 3" = 1'-0"



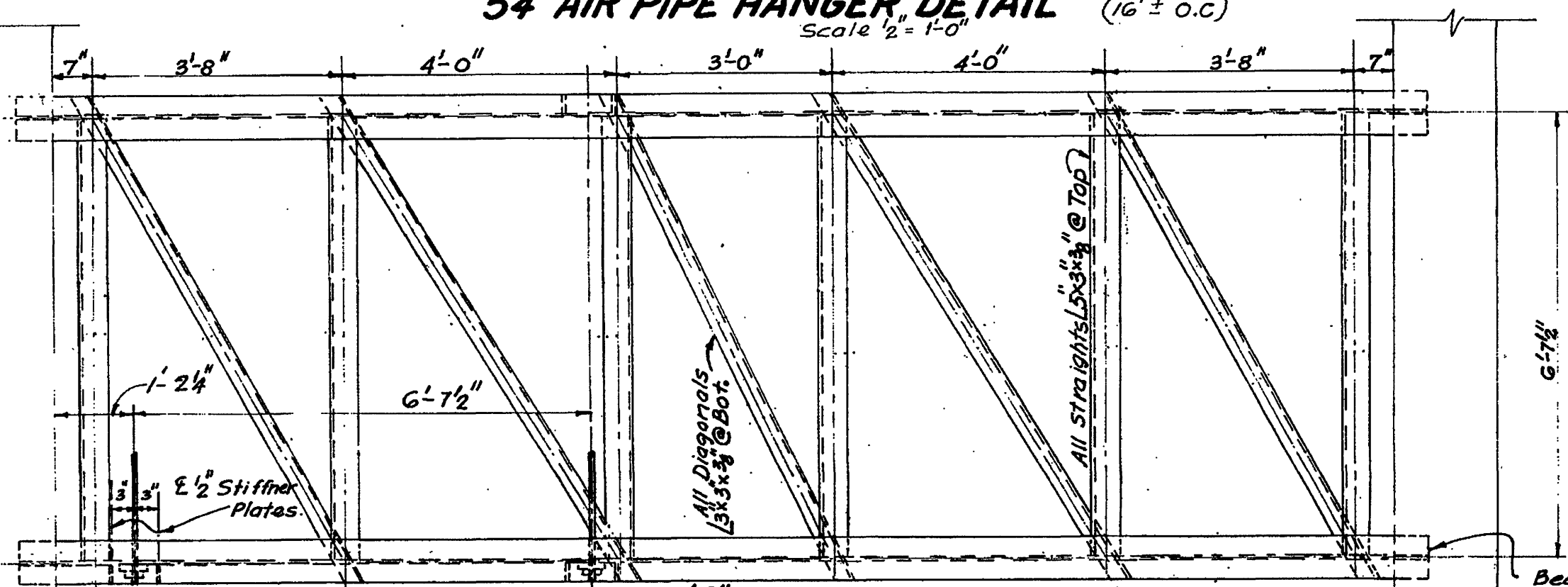
PIPE ANCHOR DET. 'D' Scale 1/2" = 1'-0"



PIPE HANGERS FOR 30" OR LESS
Scale 1/2" = 1'-0"



BEAM SUPPORT DET. 'A'
Scale 1" = 1'-0"
(Req'd 4 Thus)



PLAN & SECTION A-45 ROTATE 90°
Scale 1/2" = 1'-0"

45

CONTR. "E"
ADDITIONS TO SEWAGE TREATMENT PLANT
ROANOKE, VIRGINIA
AERATION & NITRIFICATION BASINS
PIPING DETAILS

ALVORD, BURDICK & HOWSON
ENGINEERS CHICAGO

1973