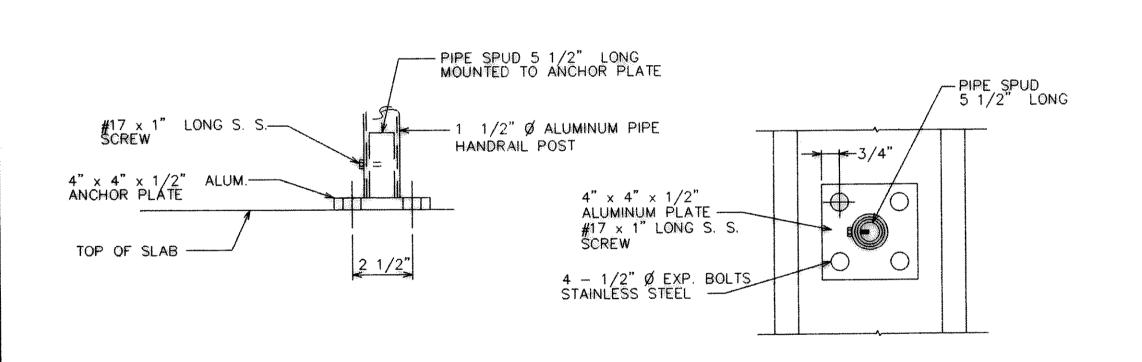


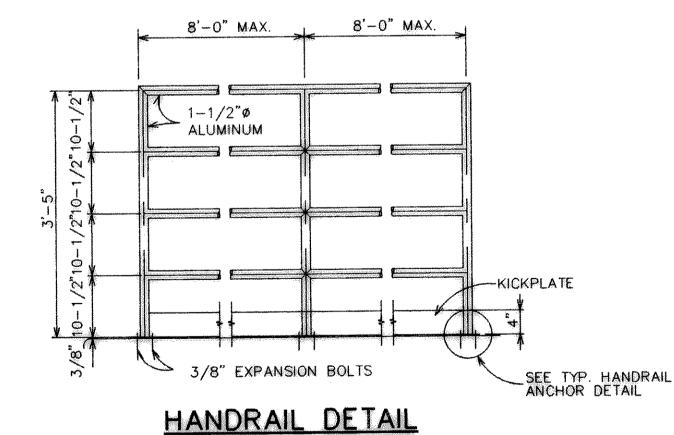
TYPE "A" HANDRAIL



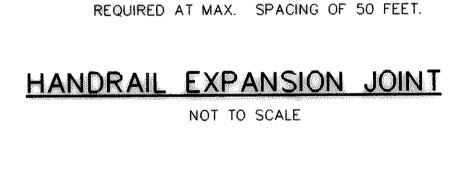
0.145 V

TYPICAL HANDRAIL ANCHOR

- 3/8" PLATE



SCALE: 3/4 "=1'-0"



TYPICAL AT ALL EXPANSION JOINTS IN

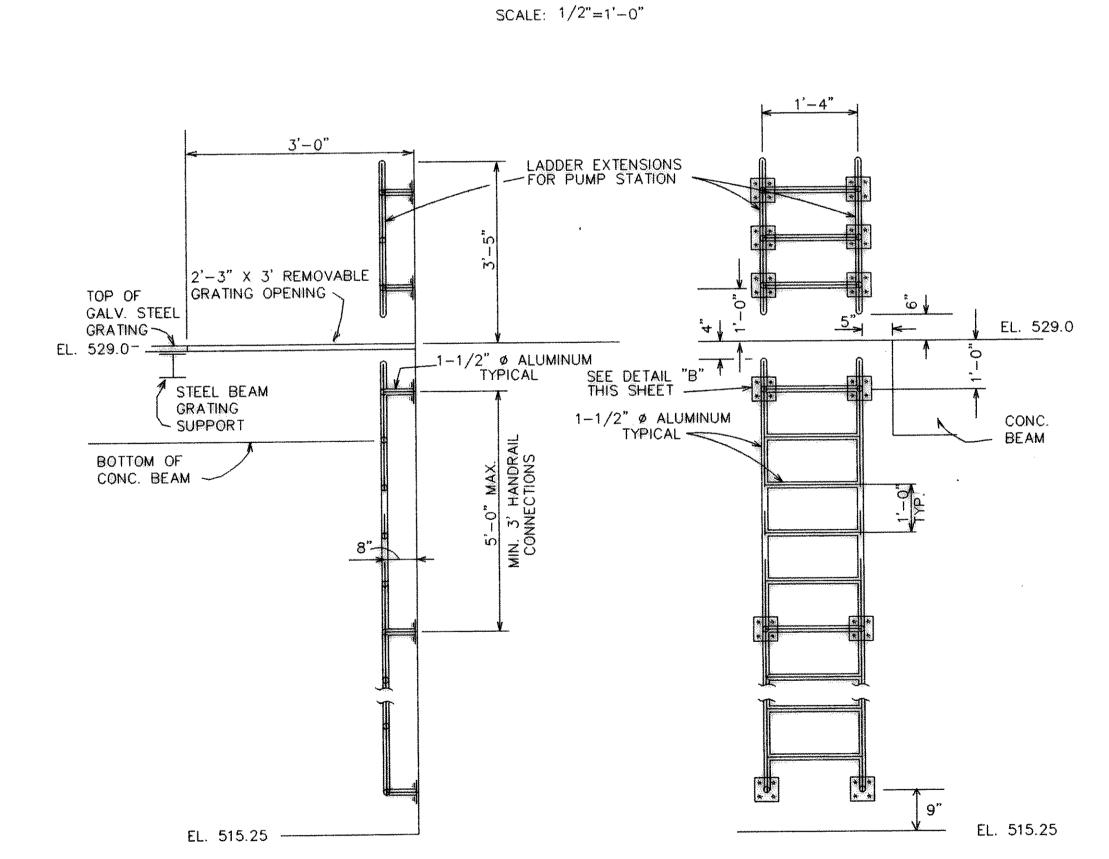
STRUCTURES WHERE HANDRAIL IS CONTINUOUS

ACROSS JOINT. EXPANSION JOINT IN HANDRAIL

-EXPANSION JOINT

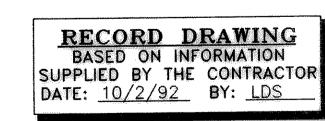
2 RIVETS

1 1/2" Ø ALUMINUM PIPE ————



METER VAULT

LADDER DETAILS



-5/16" WEEP

DETAIL

-4 - 1/2" Ø STAINLESS STEEL EXPANSION BOLTS

PUMP STATION LADDER DETAILS SCALE: 1/2"=1'-0"



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY LARRY D. SCHUELEIN, TEXAS P.E. No. 42247 ON NOV. 19, 1990

JOB NO ROK89005 DRAWN: DATE 11/19/90 TRACED: SCALE AS SHOWN

FREESE AND NICHOLS, INC. CONSULTING ENGINEERS FORT WORTH - ARLINGTON - AUSTIN, TEXAS

CITY OF ROCKWALL, TEXAS

STRUCTURAL HANDRAIL AND LADDER DETAILS

SHEET 22 OF 39

ACAD Rel 12 ROKDWG22.DWG OCT 2, 1992

EASTSIDE PUMP STATION