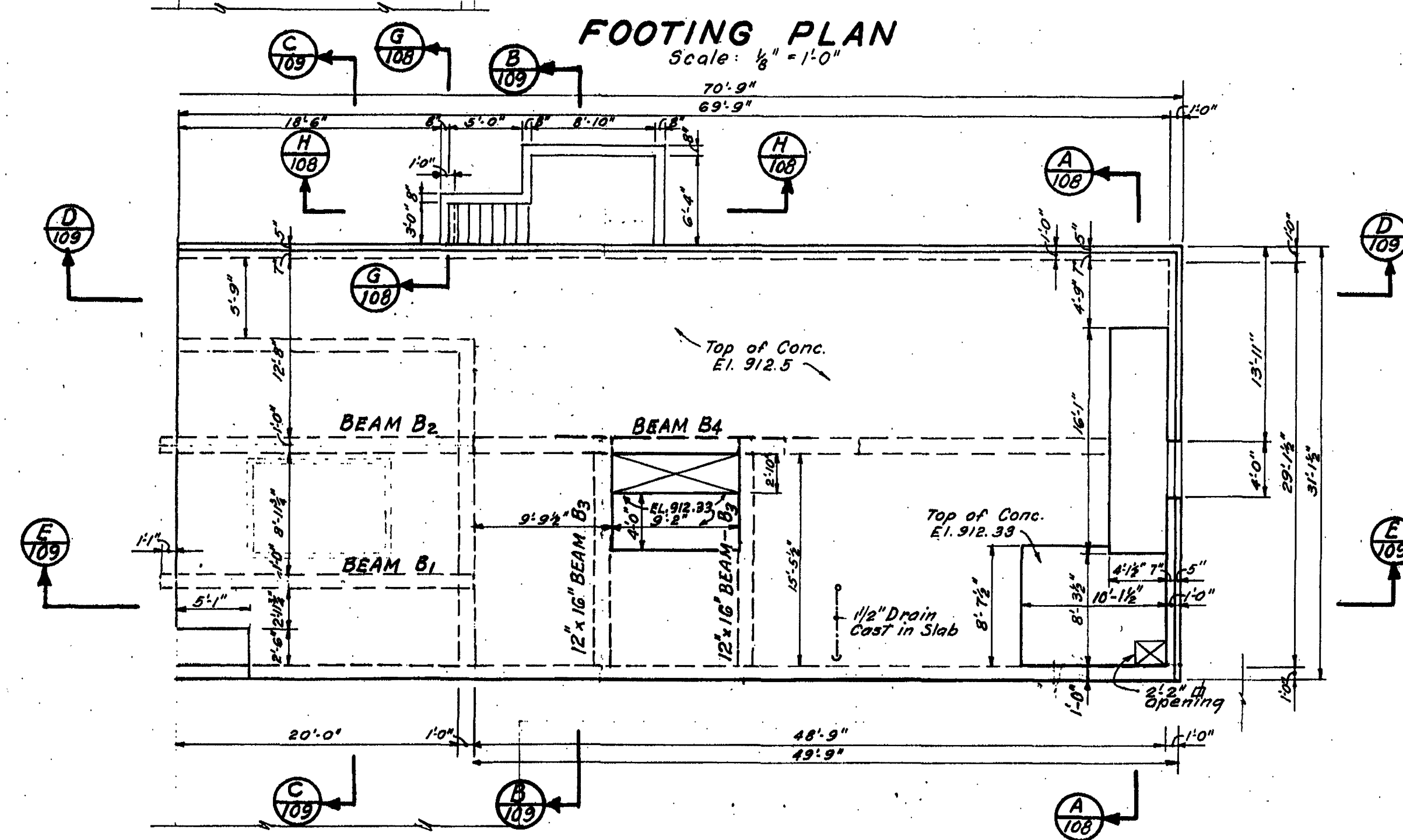
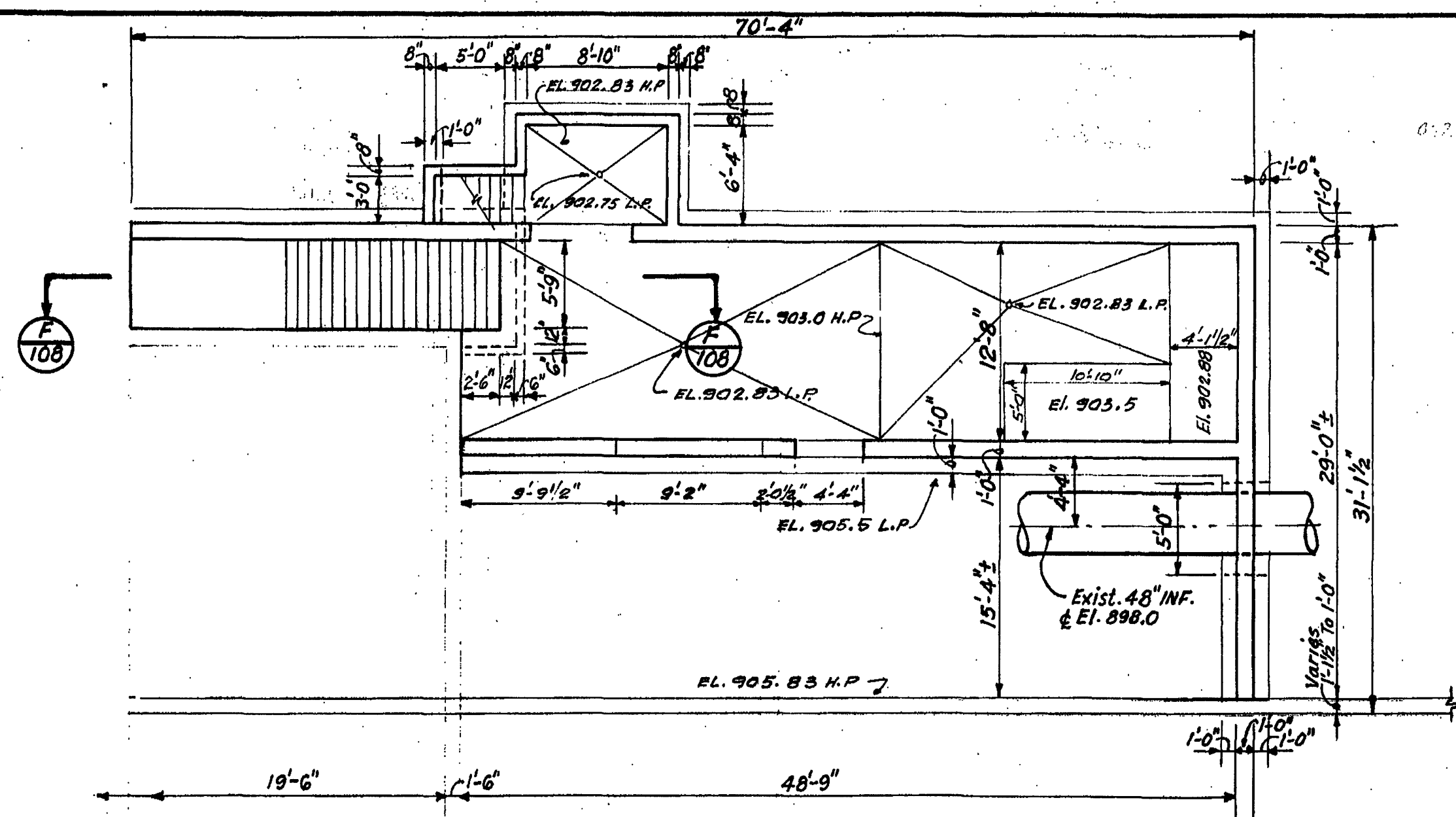
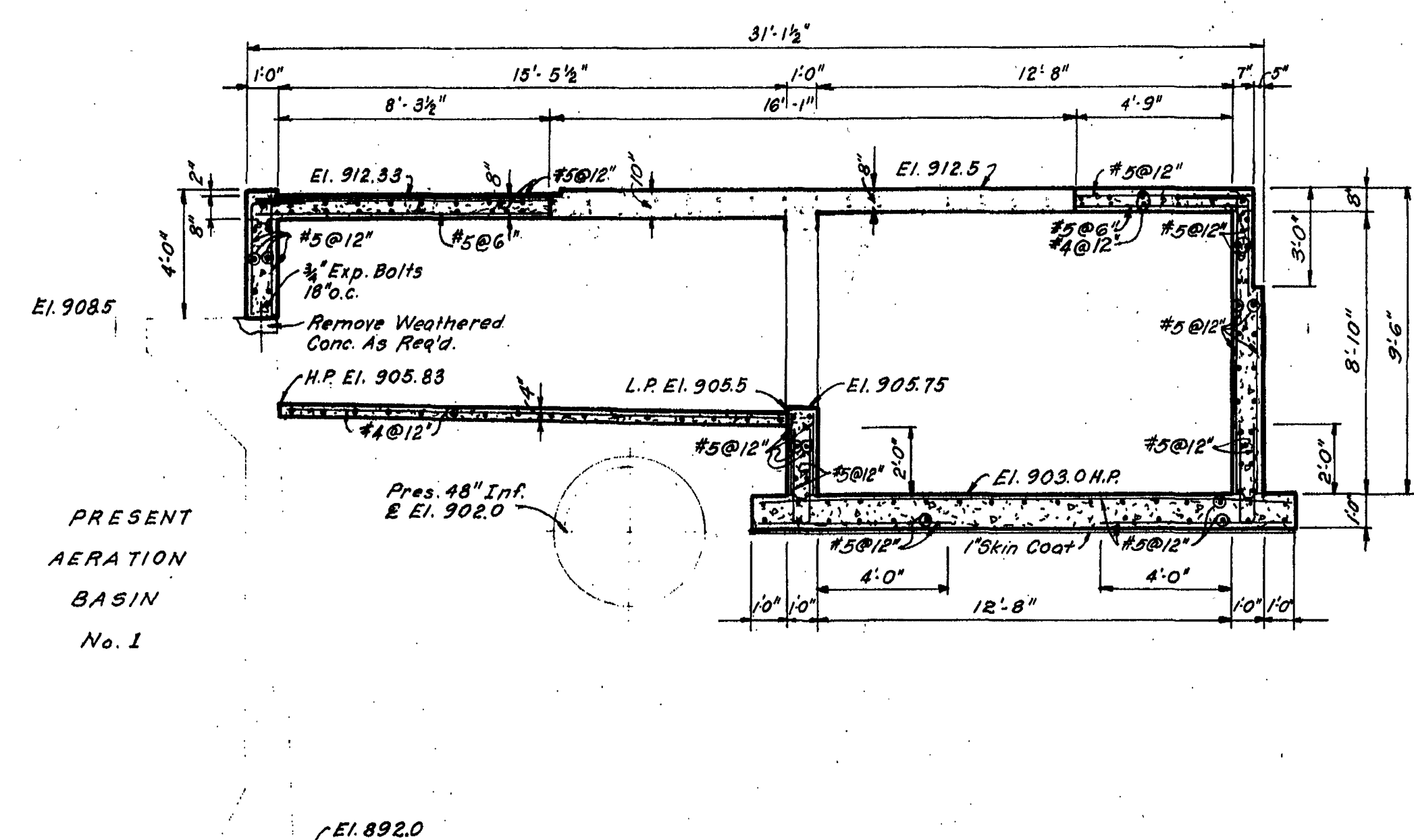
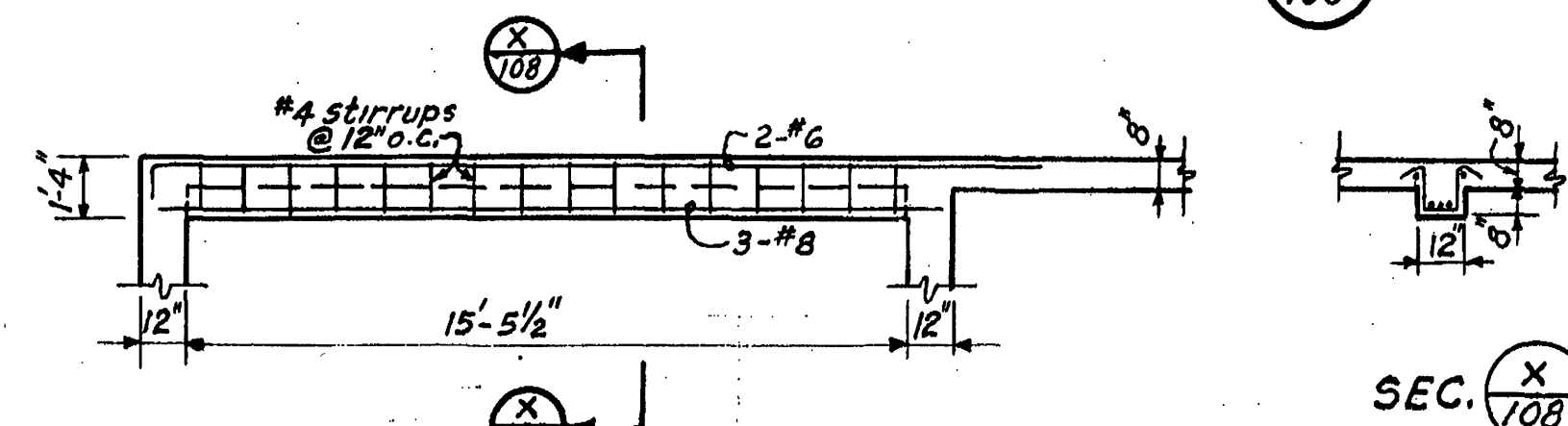




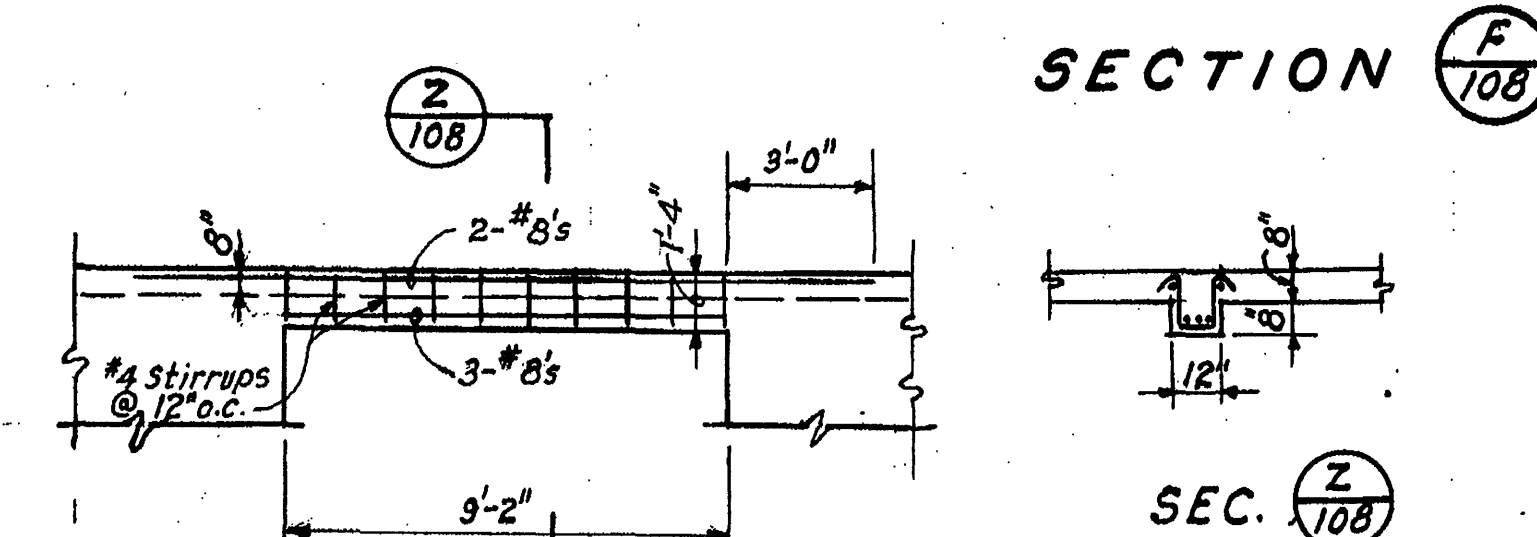
TOP OF CONCRETE PLAN
Scale: 1/8" = 1'-0"



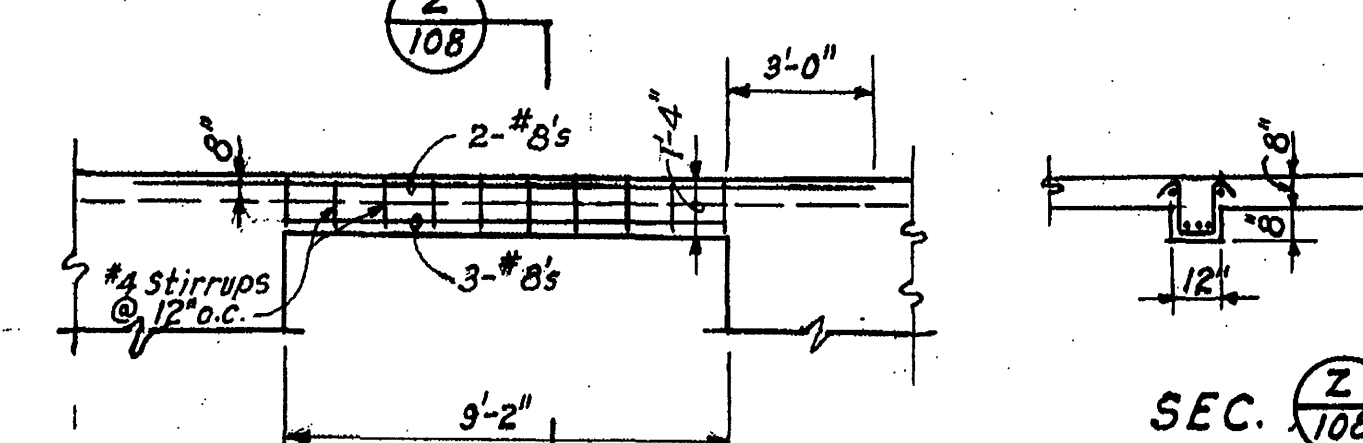
SECTION A
Scale: 1/4" = 1'-0"



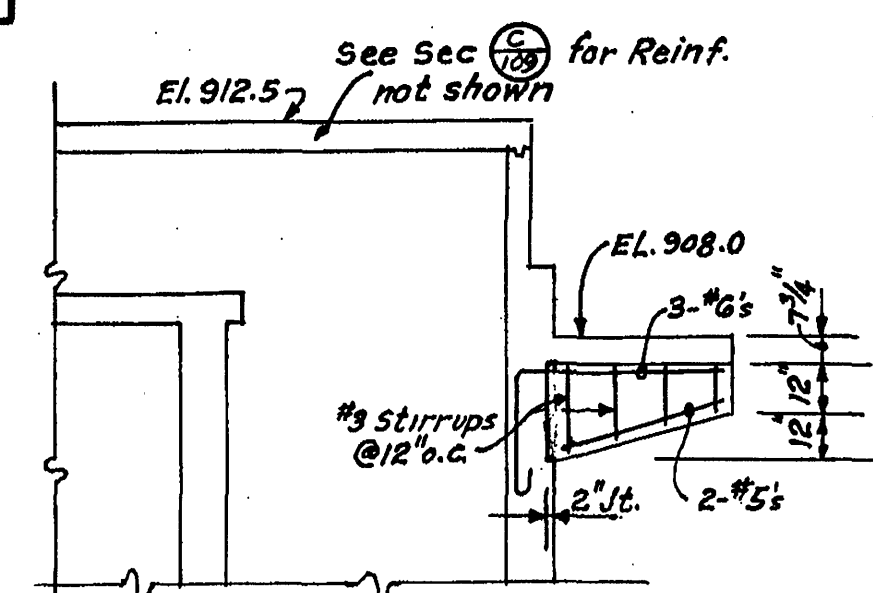
BEAM B-3 DETAIL
Scale: 1/4" = 1'-0"



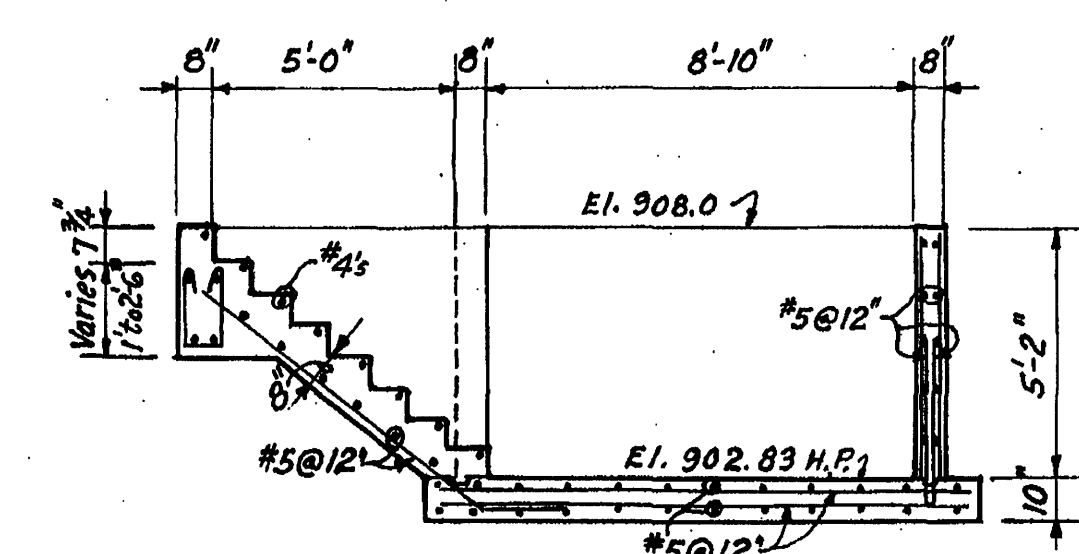
SECTION F
Scale: 1/4" = 1'-0"



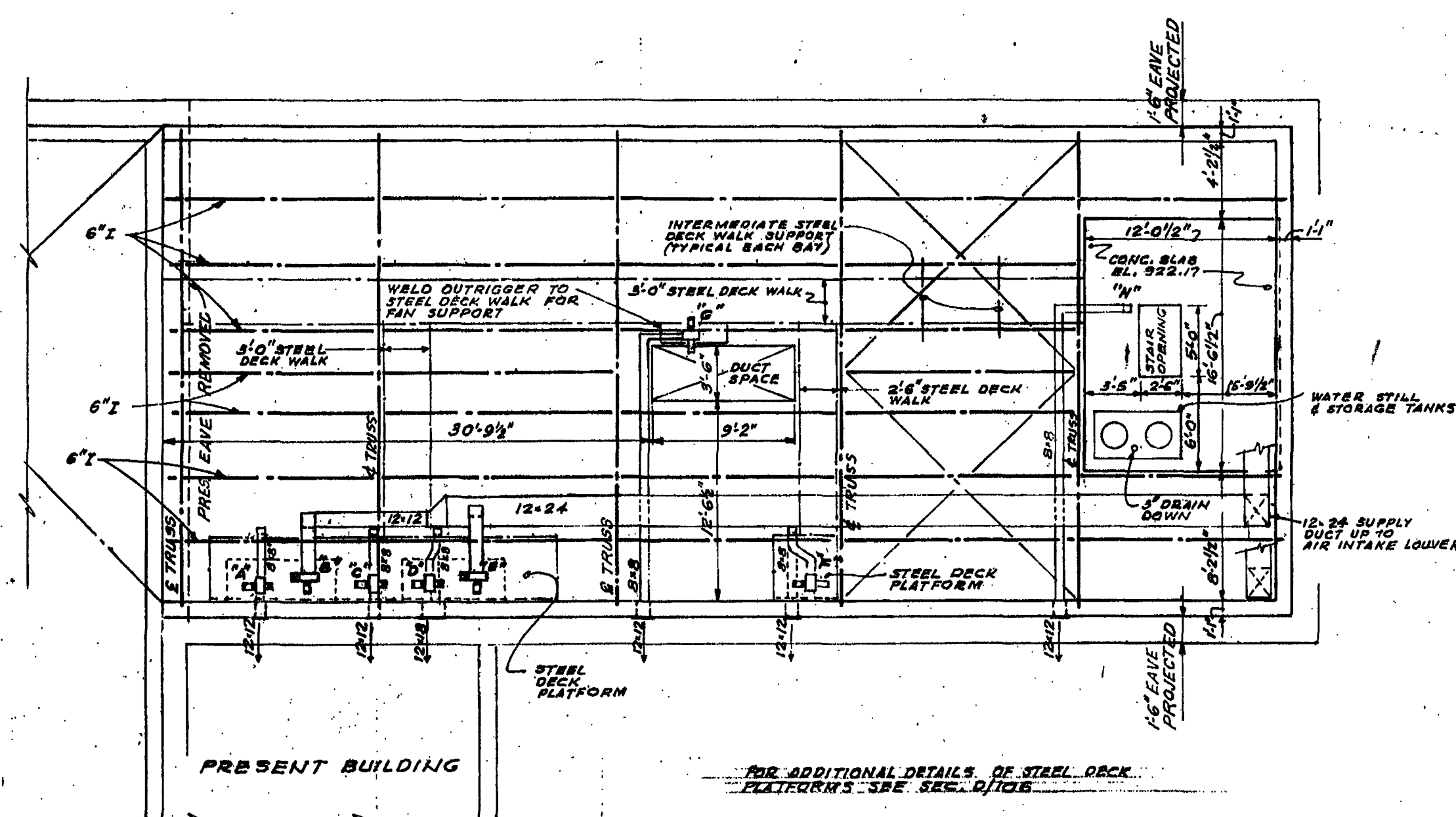
BEAM B-4 DETAIL
Scale: 1/4" = 1'-0"



SECTION G
Scale: 1/4" = 1'-0"



SECTION H
Scale: 1/4" = 1'-0"



ATTIC PLAN
Scale: 1/8" = 1'-0"

FAN SCHEDULE

"A"	KJELDAHL	EXH. FAN	1LG BF18	1140 RPM	3/8 H.P.	990 CFM @ 1/2" S.P. +
"B"	KJELDAHL	SUPPLY FAN	1LG BF15	1140 RPM	1/4 H.P.	550 CFM @ 1/2" S.P. +
"C"	MUFFLE FURNACE	EXH. FAN	1LG BF12	1140 RPM	1/12 H.P.	290 CFM @ 1/4" S.P.
"D"	FUME HOOD	EXH. FAN	1LG BF21	1140 RPM	3/4 H.P.	1450 CFM @ 3/4" S.P. +
"E"	FUME HOOD	SUPPLY FAN	1LG BF18	1140 RPM	3/8 H.P.	760 CFM @ 3/4" S.P. +
"F"	SAMPLING SINK	EXH. FAN	1LG BF12	1140 RPM	1/12 H.P.	290 CFM @ 1/4" S.P.
"G"	SPECTROPHOTOMETER	EXH. FAN	AS PART OF AT. ABS. UNIT			300 CFM @ 1/4" S.P.
"H"	BACT. HOOD	EXH. FAN	BY HOOD MFR. INSTALLED			150 CFM @ 1/4" S.P.

* SPECIAL COATING ON FAN AND STAINLESS STEEL DUCTWORK.
+ PROVIDE CONTROL DAMPERS ON EXHAUST SIDE OF FAN.

CONTR. "E"

ADDITIONS TO SEWAGE TREATMENT PLANT
ROANOKE, VIRGINIA
LABORATORY BLDG.
MISC. PLANS & DETAILS

ALVORD, BURDICK & HOWSON
ENGINEERS CHICAGO

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