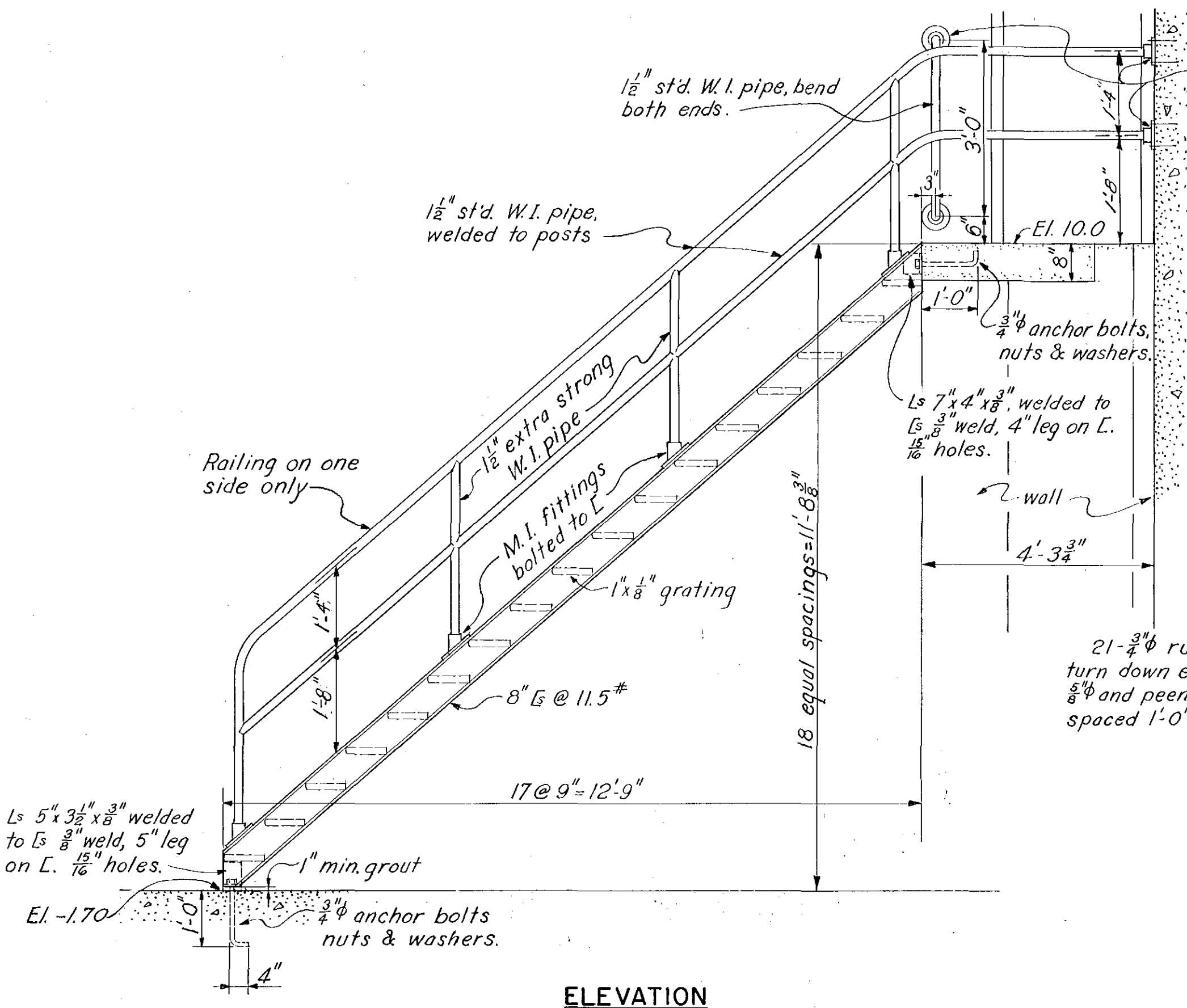
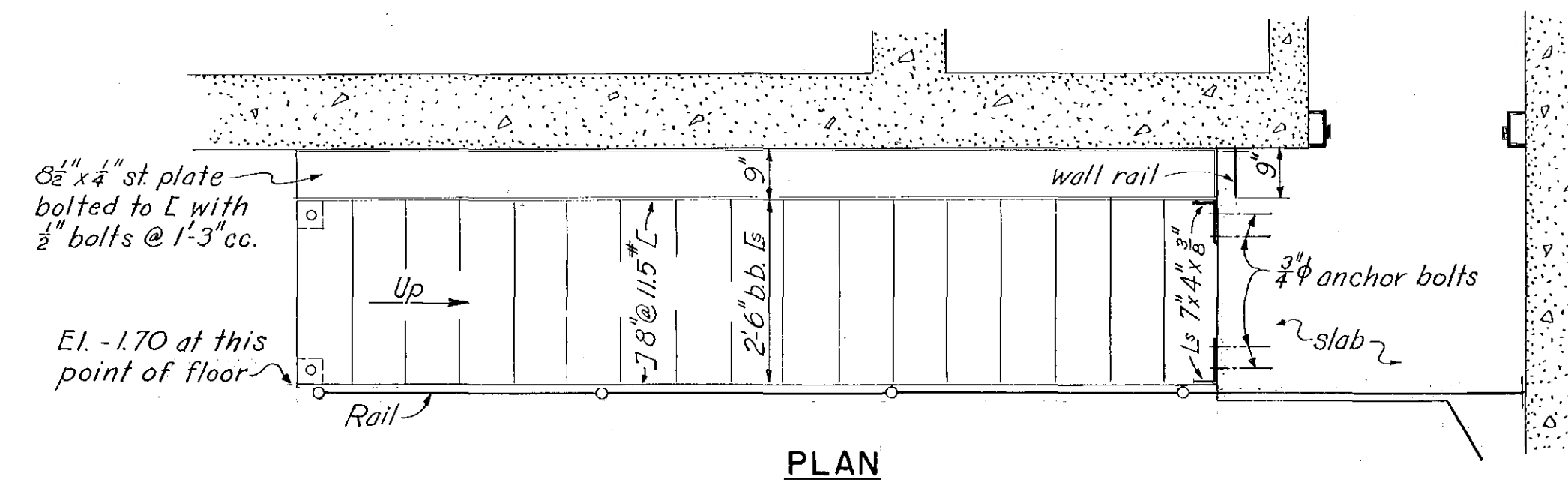
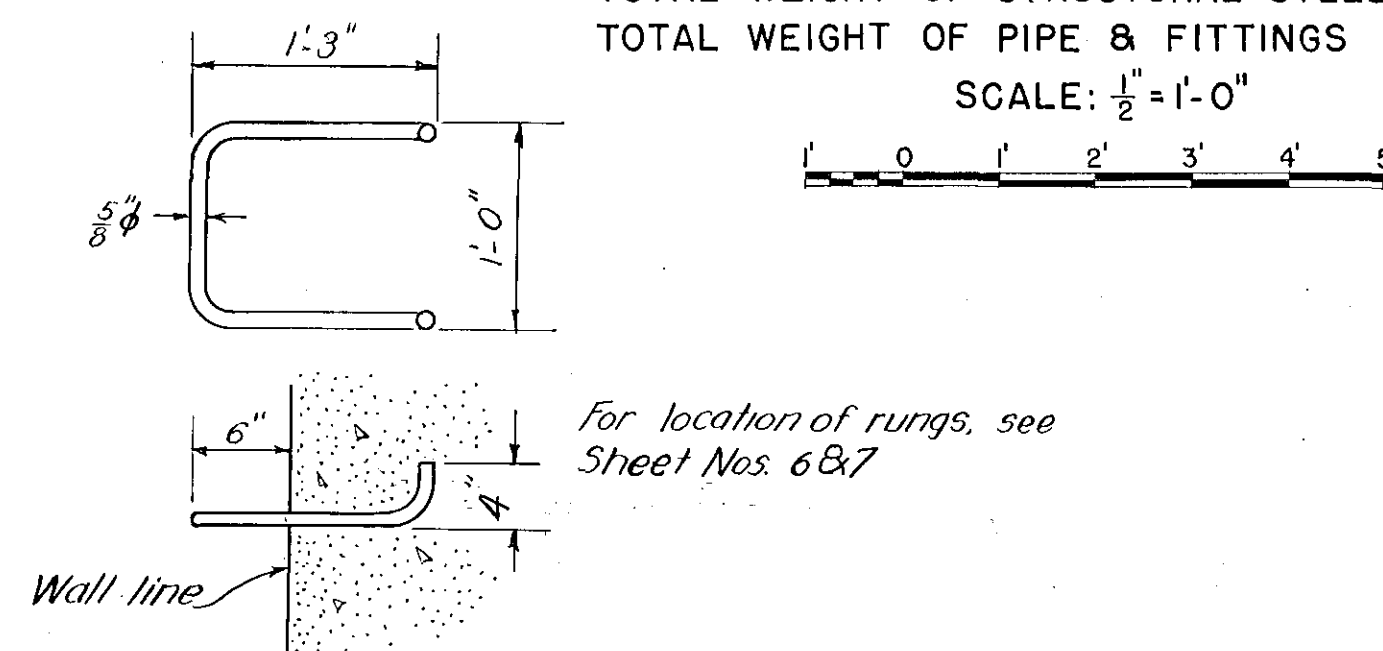




PUMP ROOM STAIRWAY

TOTAL WEIGHT OF STRUCTURAL STEEL ONLY	845 LBS.
TOTAL WEIGHT OF PIPE & FITTINGS	200 LBS

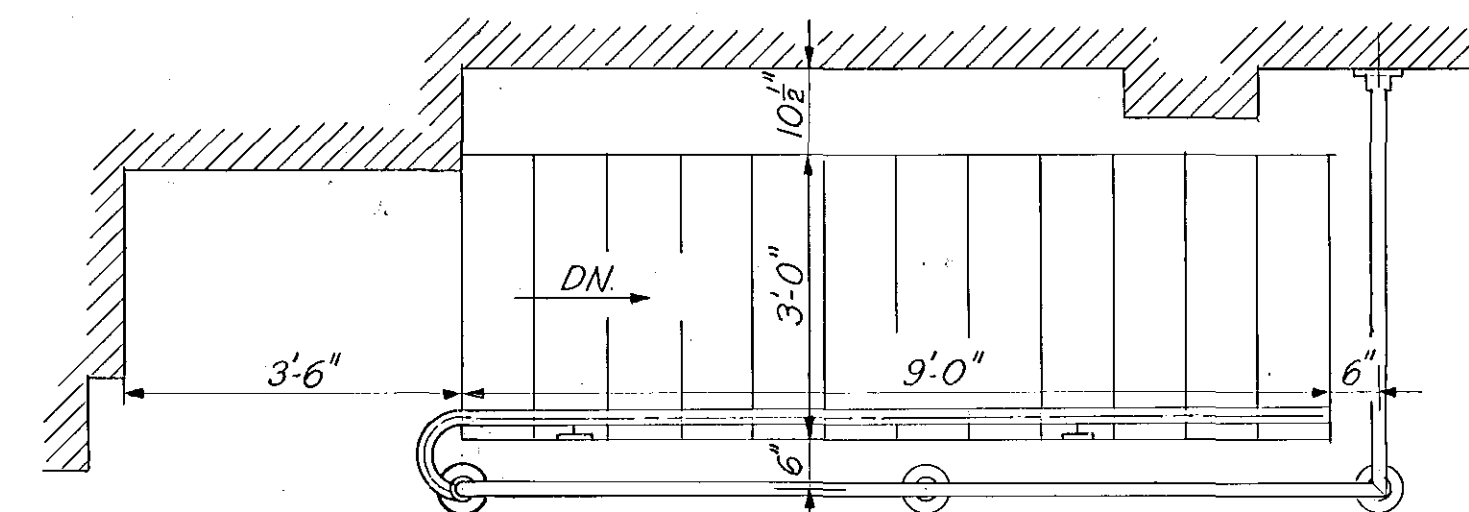
SCALE: $\frac{1}{2}'' = 1' - 0''$



HAND RUNGS

12 REQUIRED TOTAL WT. 42 LBS.

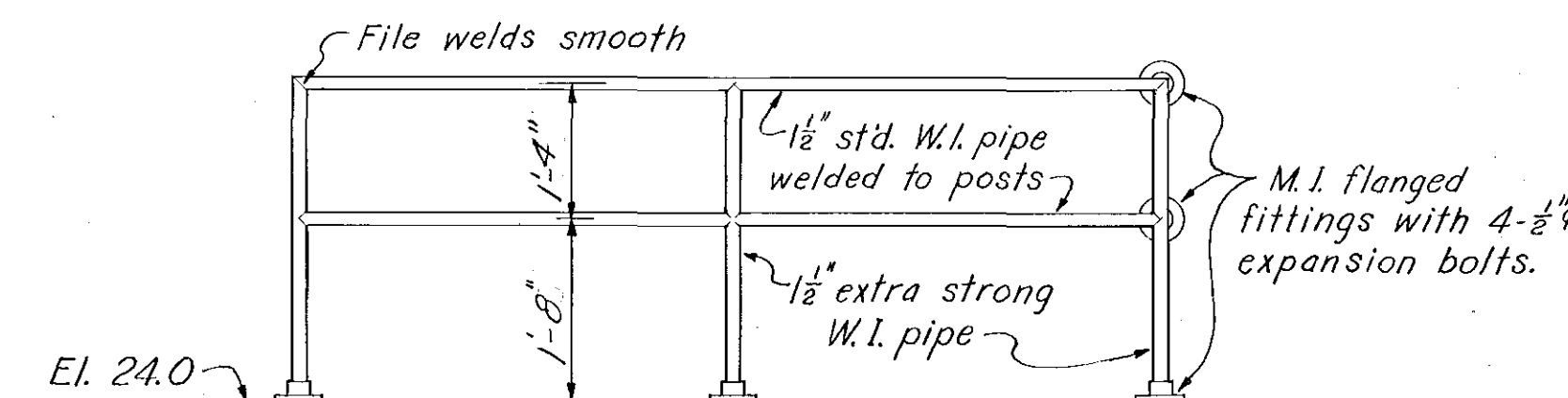
SCALE $1'' = 1' - 0$



PLAN OF RAILING FOR STAIRS
TO HEATER ROOM

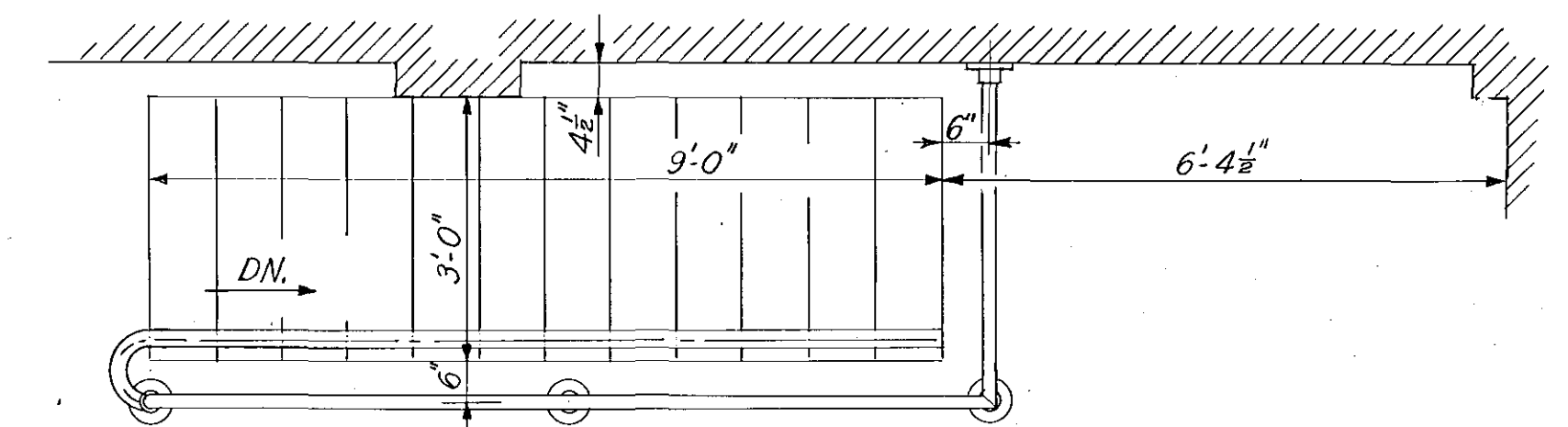
PIPE & FITTINGS WT. 138 LBS.

SCALE: $\frac{1}{2}'' = 1' - 0''$



TYPICAL ELEVATION OF RAILINGS

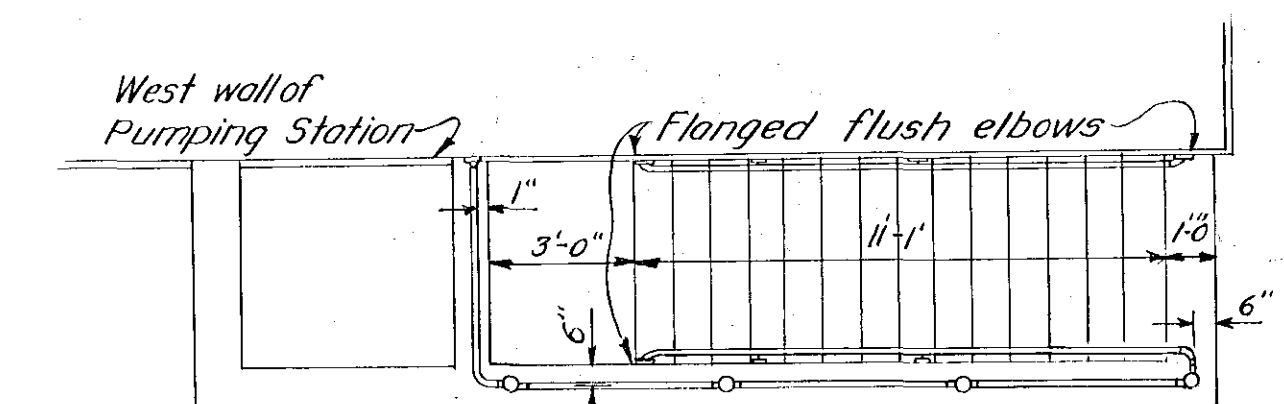
SCALE: $\frac{1}{2}'' = 1' - 0''$



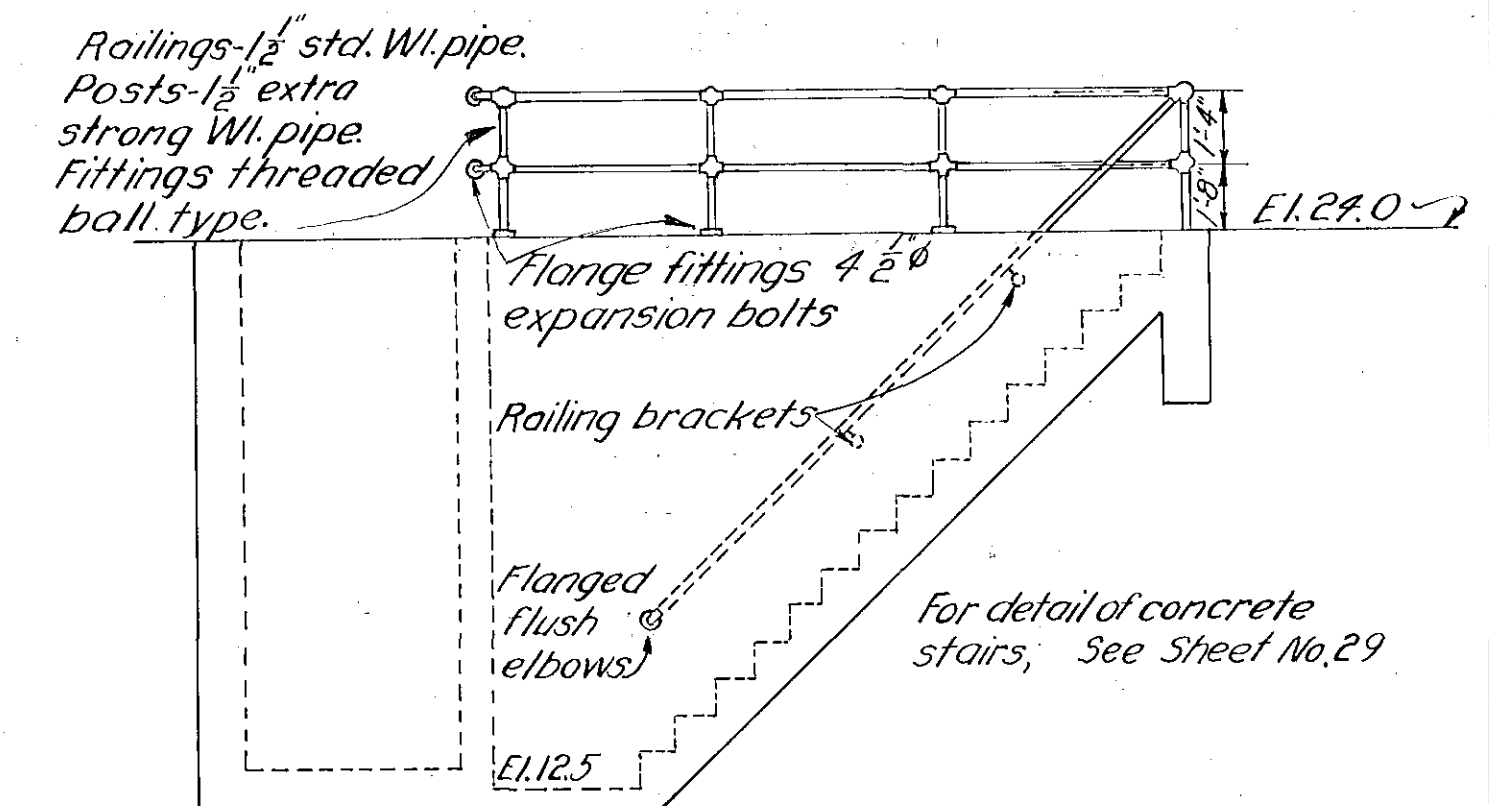
PLAN OF RAILING FOR STAIRS
TO SCREENING ROOM

PIPE & FITTINGS WT. 138 LBS.

SCALE: $\frac{1}{2}'' = 1'-0''$



PLAN
SCALE $\frac{1''}{4} = 1'-0$

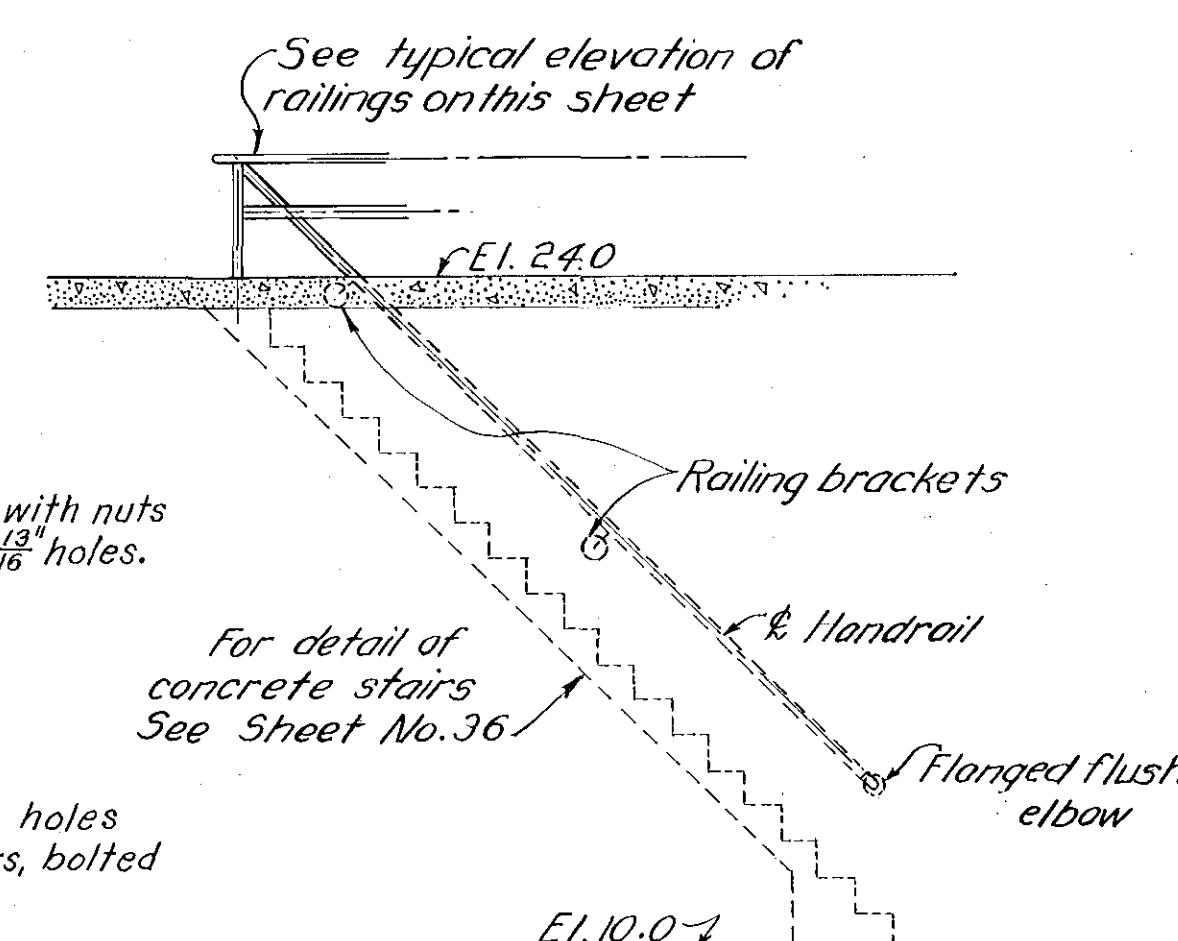


ELEVATION
DETAIL OF RAILINGS FOR
OUTSIDE STAIRWAY

SCALE $\frac{1}{2}'' = 1'-0''$

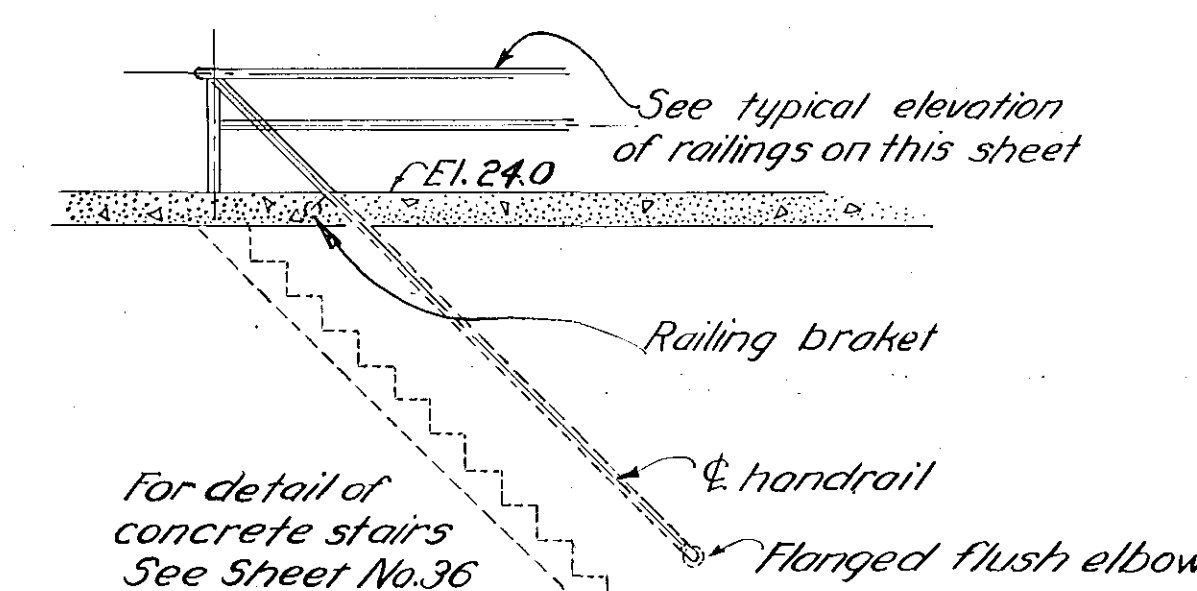
NOTES:

$\frac{5}{8}$ " rivets, $\frac{11}{16}$ " open holes.
Roiling and fittings were paid for under Item No. 13.
All other material on this sheet was paid for under
Item No. 12.



DETAIL OF RAILING FOR STAIRS
TO HEATER ROOM

SCALE $\frac{1''}{4} = 1'-0''$



DETAIL OF RAILING FOR STAIRS
TO SCREENING ROOM

SCALE $\frac{1}{4}" = 1'-0"$

LADDERS FOR GATE WELLS

3 REQUIRED (IN 2 SECTIONS)
TOTAL WEIGHT 733 LBS.

SCALE: $\frac{3}{4}'' = 1' - 0''$



KEY	DATE	REVISION (Indicated by Δ)	REV. BY	CK. BY	AP. BY

CONNECTICUT RIVER		CONNECTICUT	
KEENEY LANE PUMPING STATION HARTFORD, CONN. MISCELLANEOUS STEEL DETAILS NO. 3			
CONNECTICUT RIVER		CONNECTICUT	
IN 60 SHEETS	SCALE: 1/2 IN. = 1 FT.	SHEET NO. 40	
			
U.S. ENGINEER OFFICE, PROVIDENCE, R.I., JUNE 1944			
SUBMITTED: <i>E. M. Viner</i>	APPROVAL RECOMMENDED: <i>W. B. Burns</i>	APPROVED: <i>H. J. Fawcett</i>	
SENIOR ENGINEER	HEAD ENGINEER	COL. CORPS OF ENGINEERS	
HEAD, STRUCTURAL SECTION	CHIEF, ENGINEERING DIV.	DISTRICT ENGINEER	
PREPARED: <i>E. J. Hayes</i>	DRAWN: A. S. TRACED: S. B. CHECKED: G. H. Z.		
DISTRICT SUBSECTION	FILE NO. CT-4-3254		