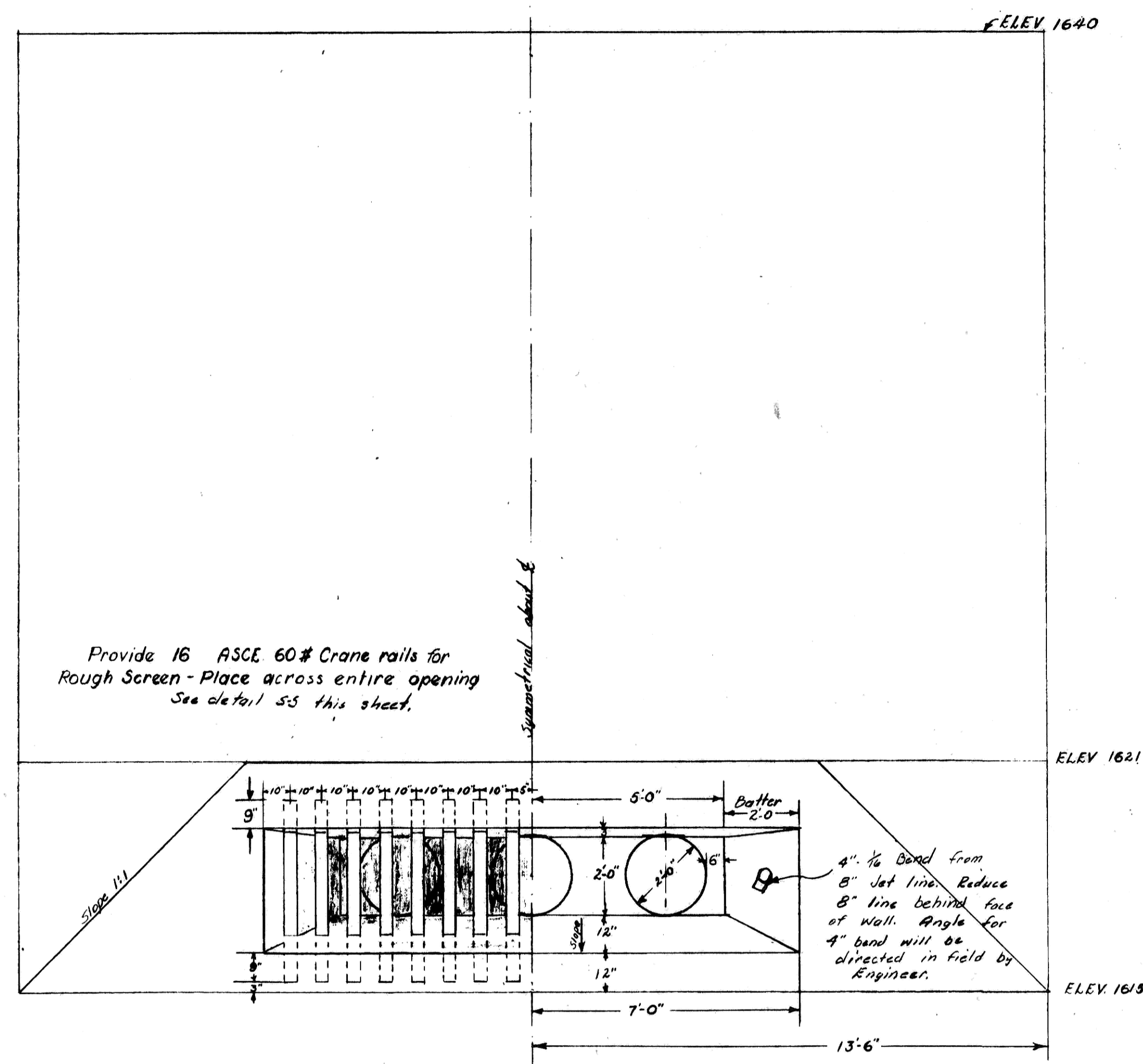
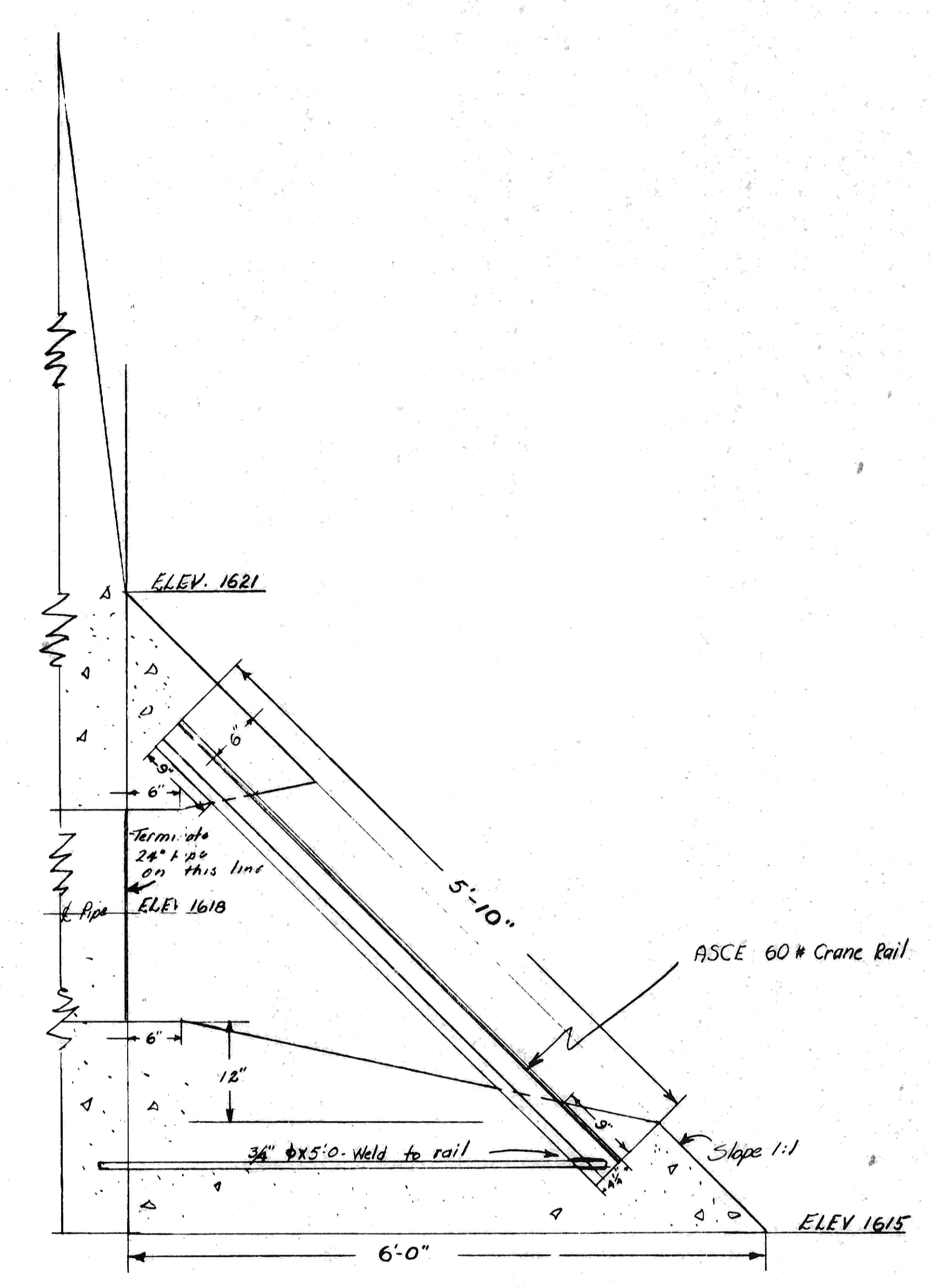


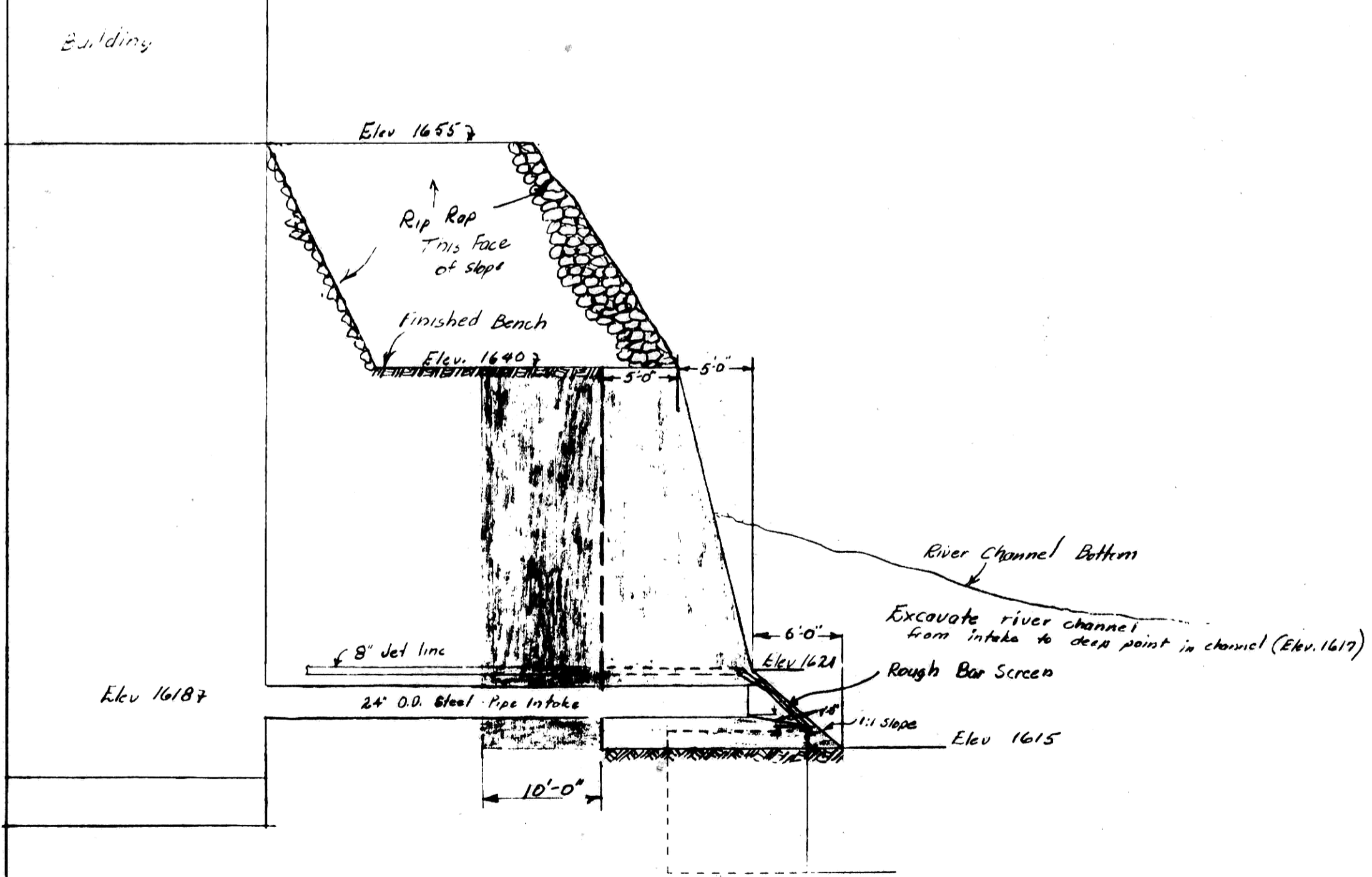
PLAN VIEW-DETAIL LAYOUT
SCALE: 1/8" = 1'-0"



SECTION S-S
SCALE: 3/8" = 1'-0"



DETAIL S-S
SCALE: 1" = 1'-0"



SECTION R-R
SCALE: 1/2" = 1'-0"

NOTE: Use 1" ϕ 12" O.C. Horizontal and vertical 6" from each face and top & bottom. For top & bottom use 1" ϕ 12" O.C. each way. WING WALL STEEL MUST HAVE A 3 BEND PAST CORNER INTO HEADWALL

15"
PLAN VIEW
TYPICAL SHEET PILING
(Carnegie M-107)
No. Scale

Job: WATERWORKS IMPROVEMENTS 1953 PHASE II

Date: _____
Revised: _____

File No. _____

SHEET NO. 8 OF 9 SHEETS
Scale: As Shown

DRAWN BY: GEORGE J. TOMAN
PROFESSIONAL LAYOUT ENGINEER
NORTH DAKOTA 1953

CHECKED BY: _____

DETAILS & INLET DETAILS

George J. Toman
R. P. E. No. 185

Consulting Engineer
Mandan, North Dakota