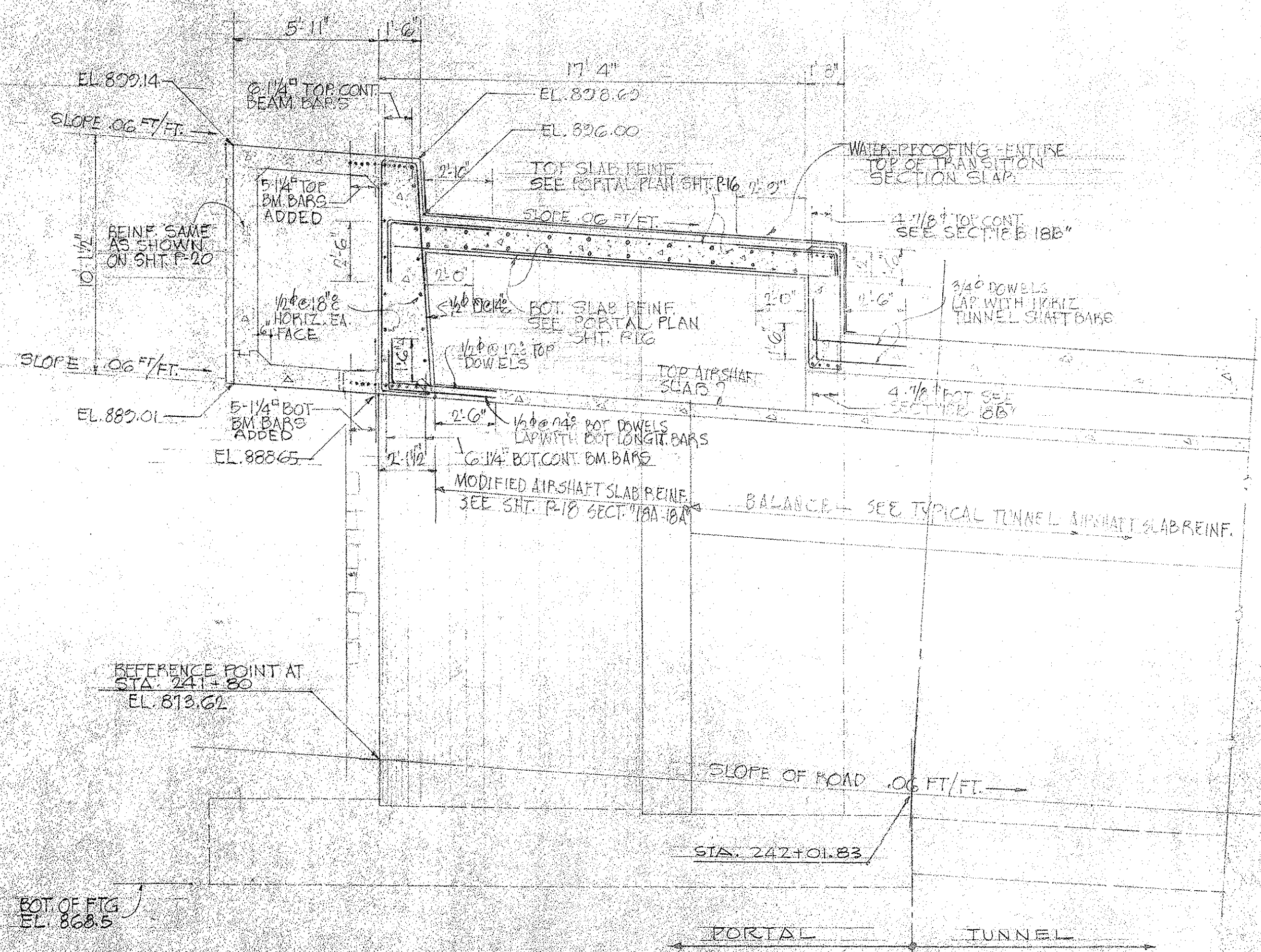
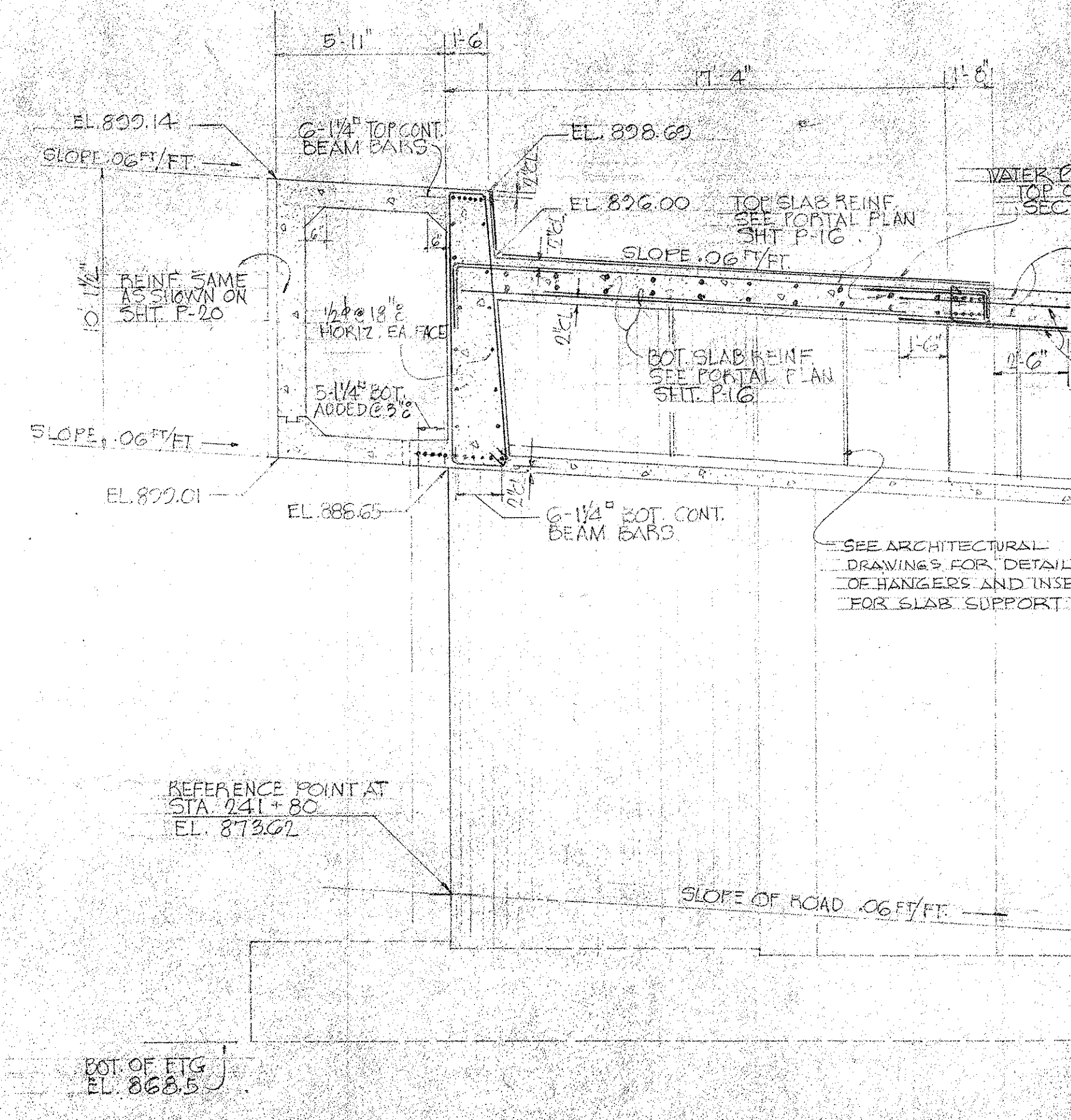
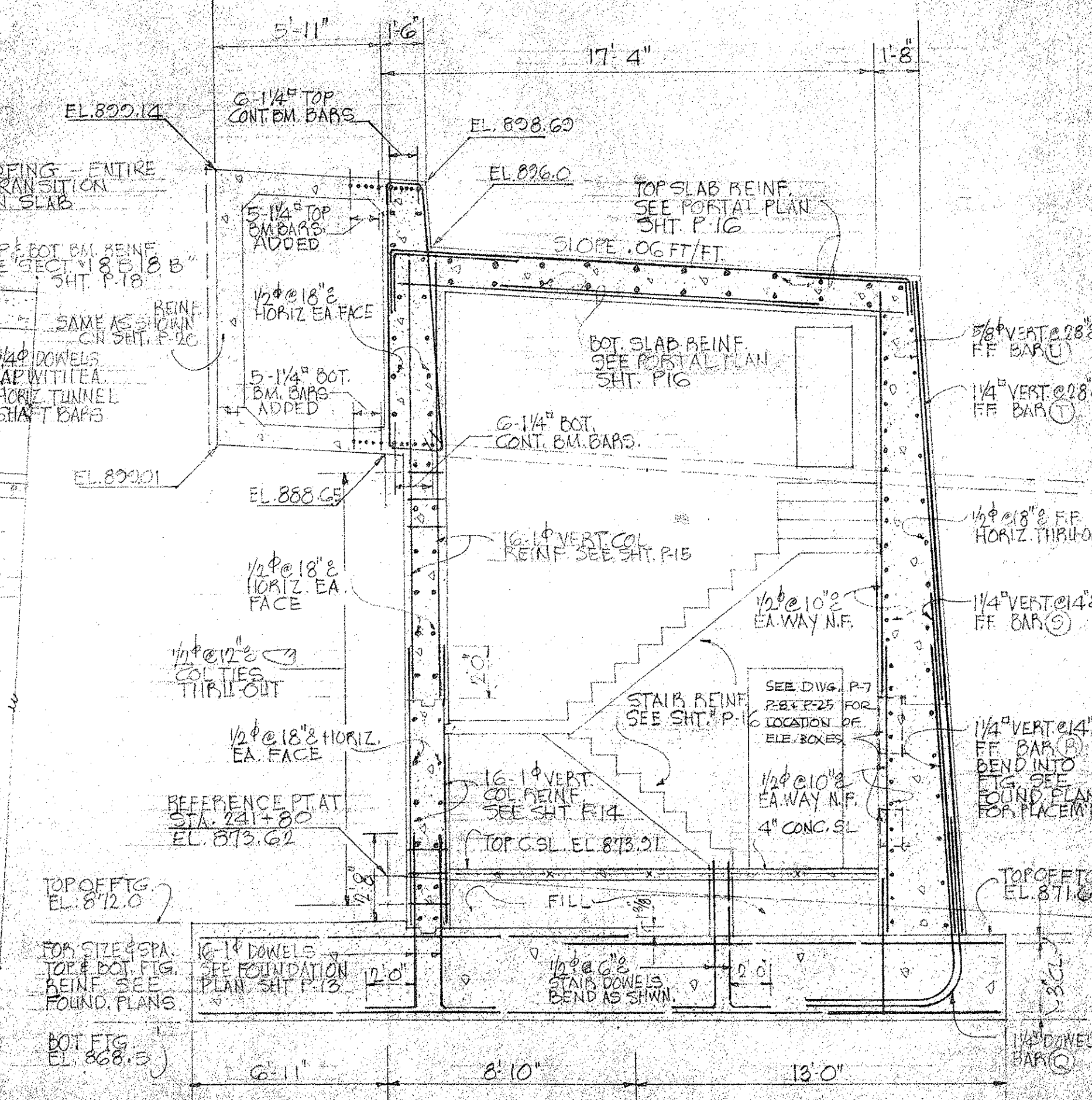




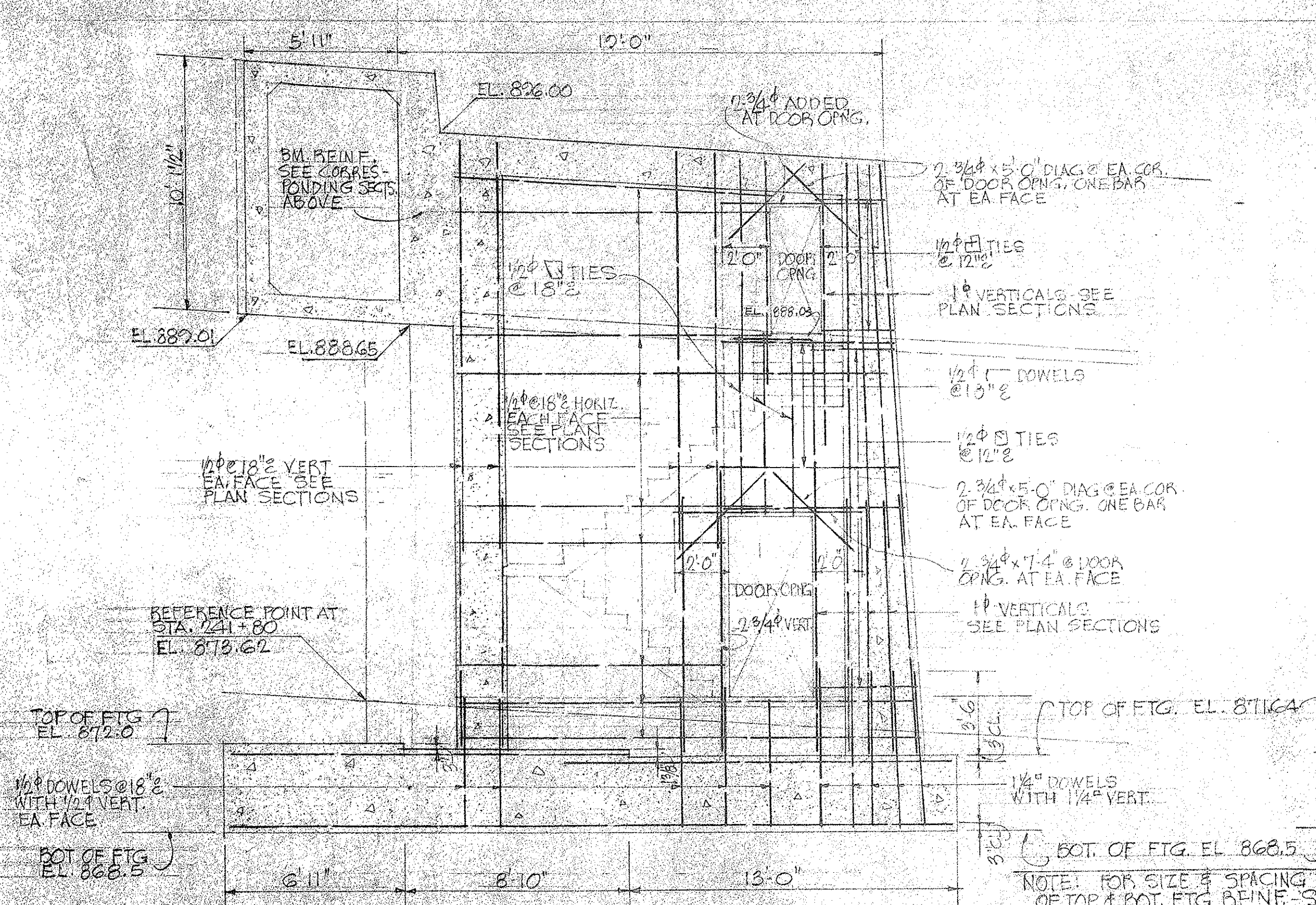
SECTION "17A-17A" SCALE: 1/4"=1'-0"



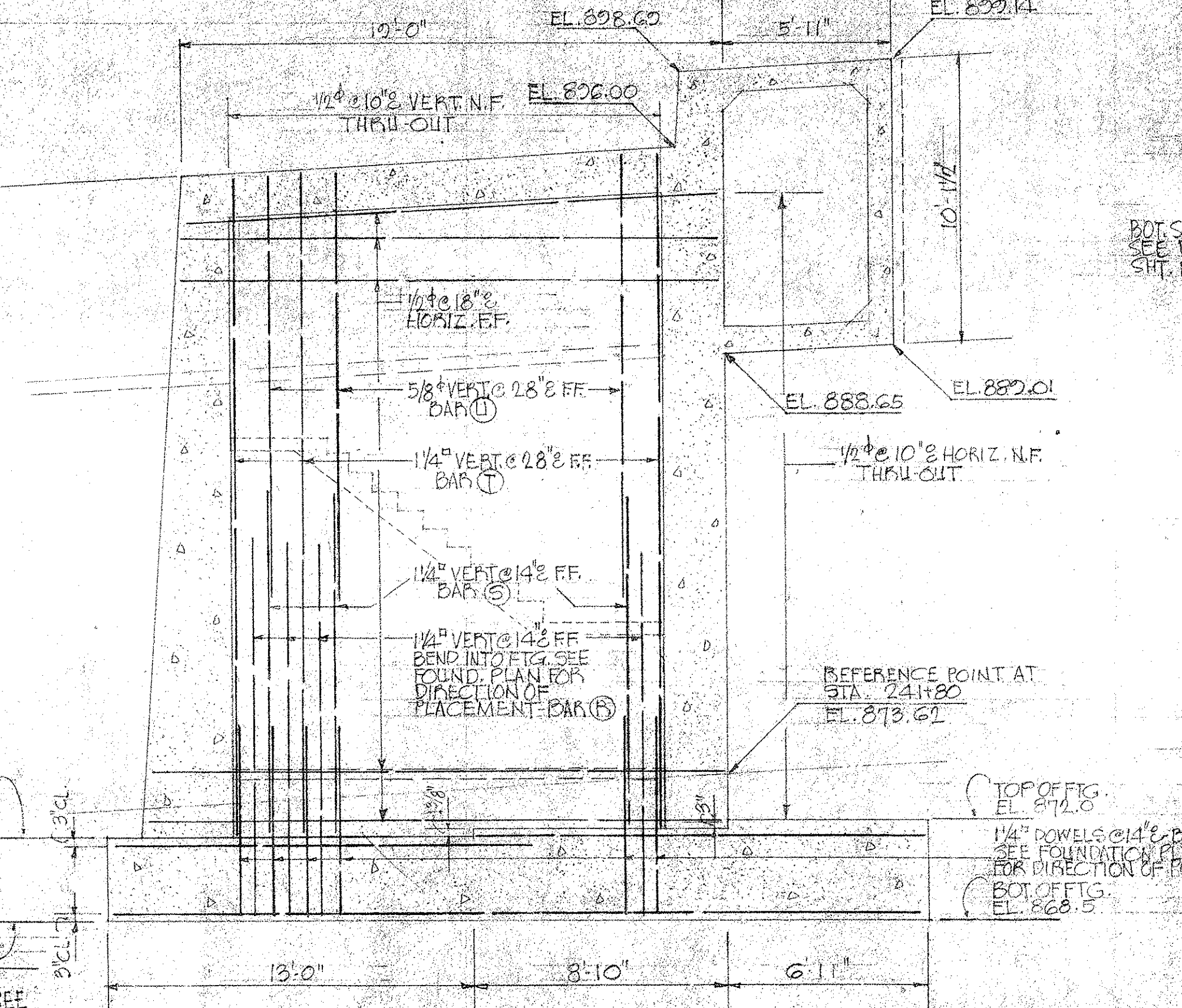
SECTION "17B-17B" SCALE: 1/4"=1'-0"



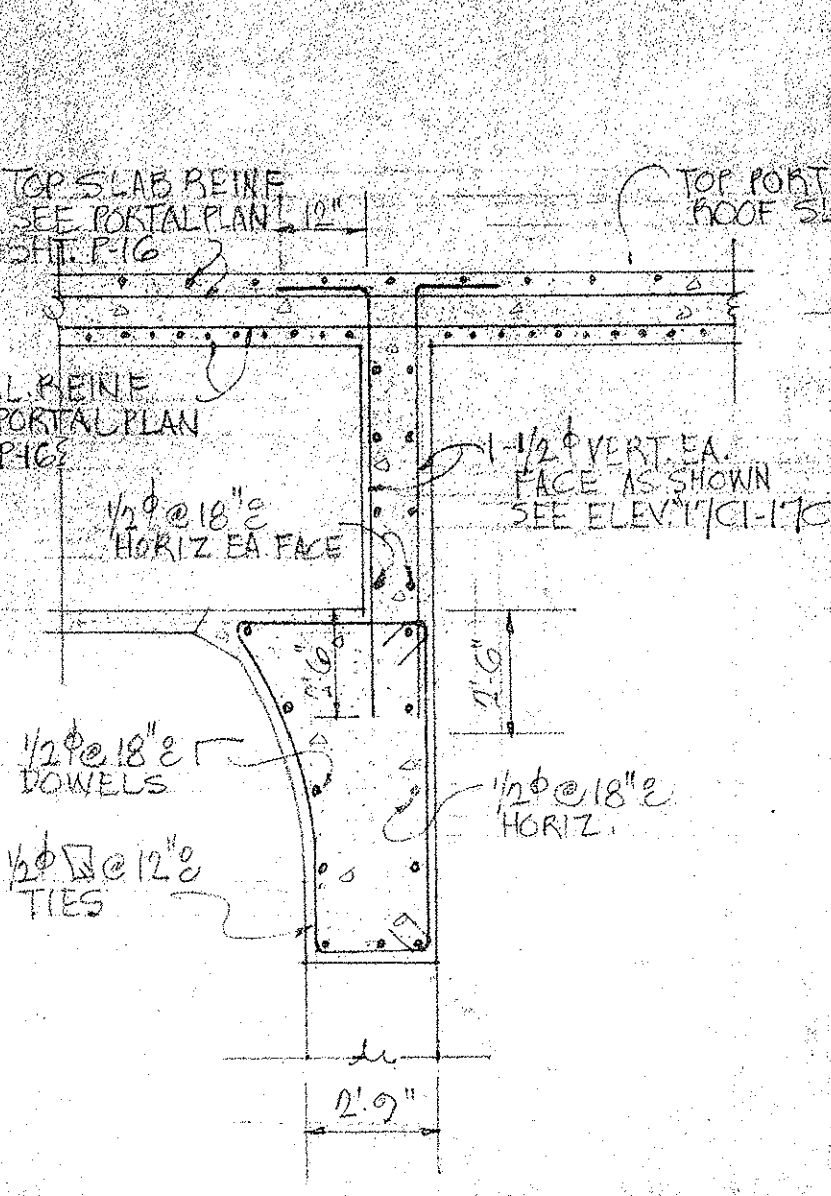
SECTION "17C-17C" SCALE: 1/4"=1'-0"



ELEVATION "17C1-17C1" WALL ELEVATIONS SHOWING ARRANGEMENT OF REINFORCEMENT SCALE: 1/4"=1'-0"



ELEVATION "17D-17D" WALL ELEVATIONS SHOWING ARRANGEMENT OF REINFORCEMENT SCALE: 1/4"=1'-0"



SECTION "17E-17E" SCALE: 1/4"=1'-0"

NOTES

REFERENCE:

FOR LOCATION OF CROSS-SECTION "17A-17A", "17B-17B", "17C-17C", "17D-17D", "17E-17E", SEE SHT. # P-14.

FOR LOCATION OF SECTION "17F-17F", SEE SHT. # P-15.

LAW & WILSON
ARCHITECTS & ENGINEERS

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU

BUREAU OF PLANS

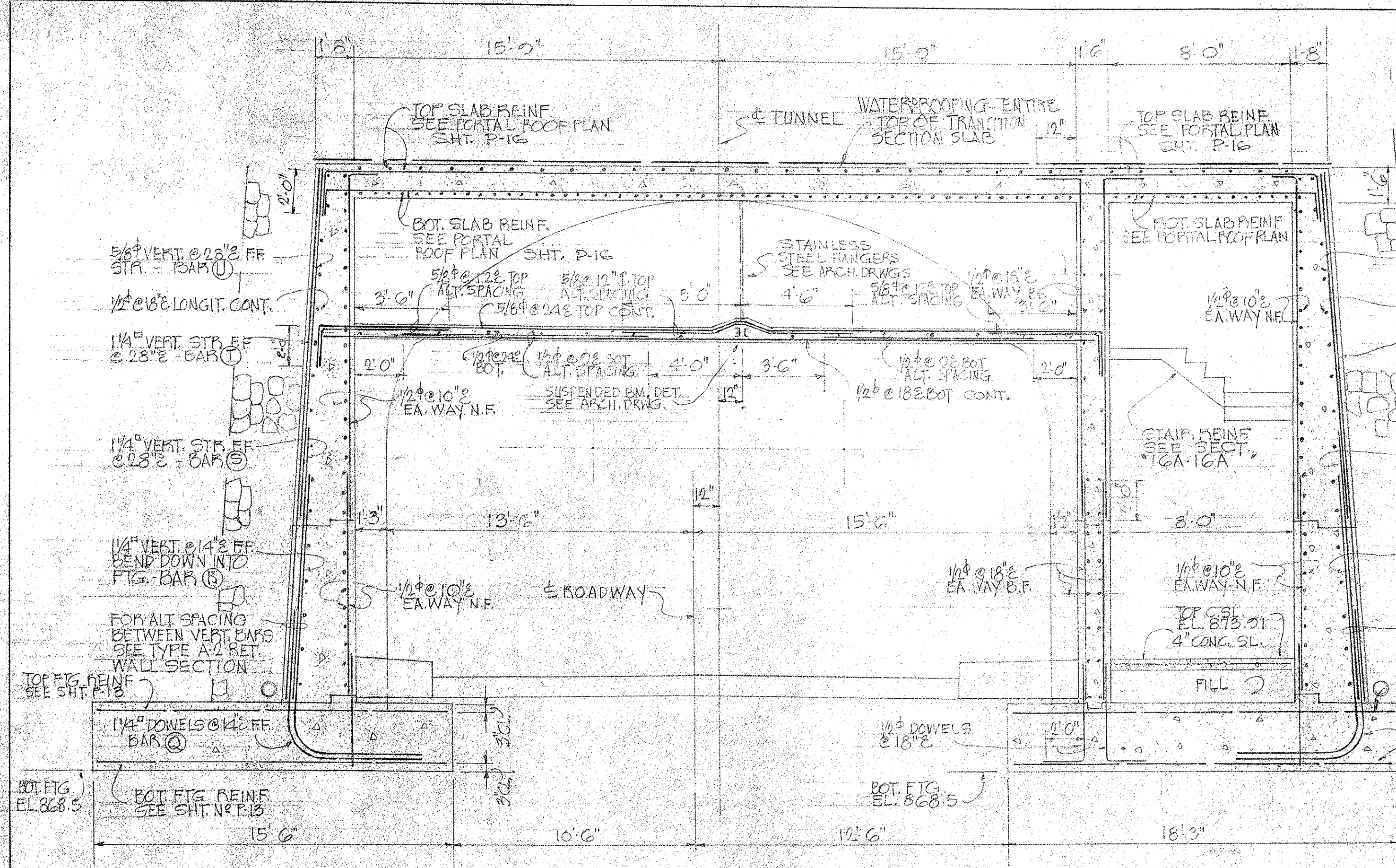
KALIHI TUNNEL

KALIHI PORTAL - STRUCTURAL
TUNNEL ENTRANCE
SECTIONS & DETAILS

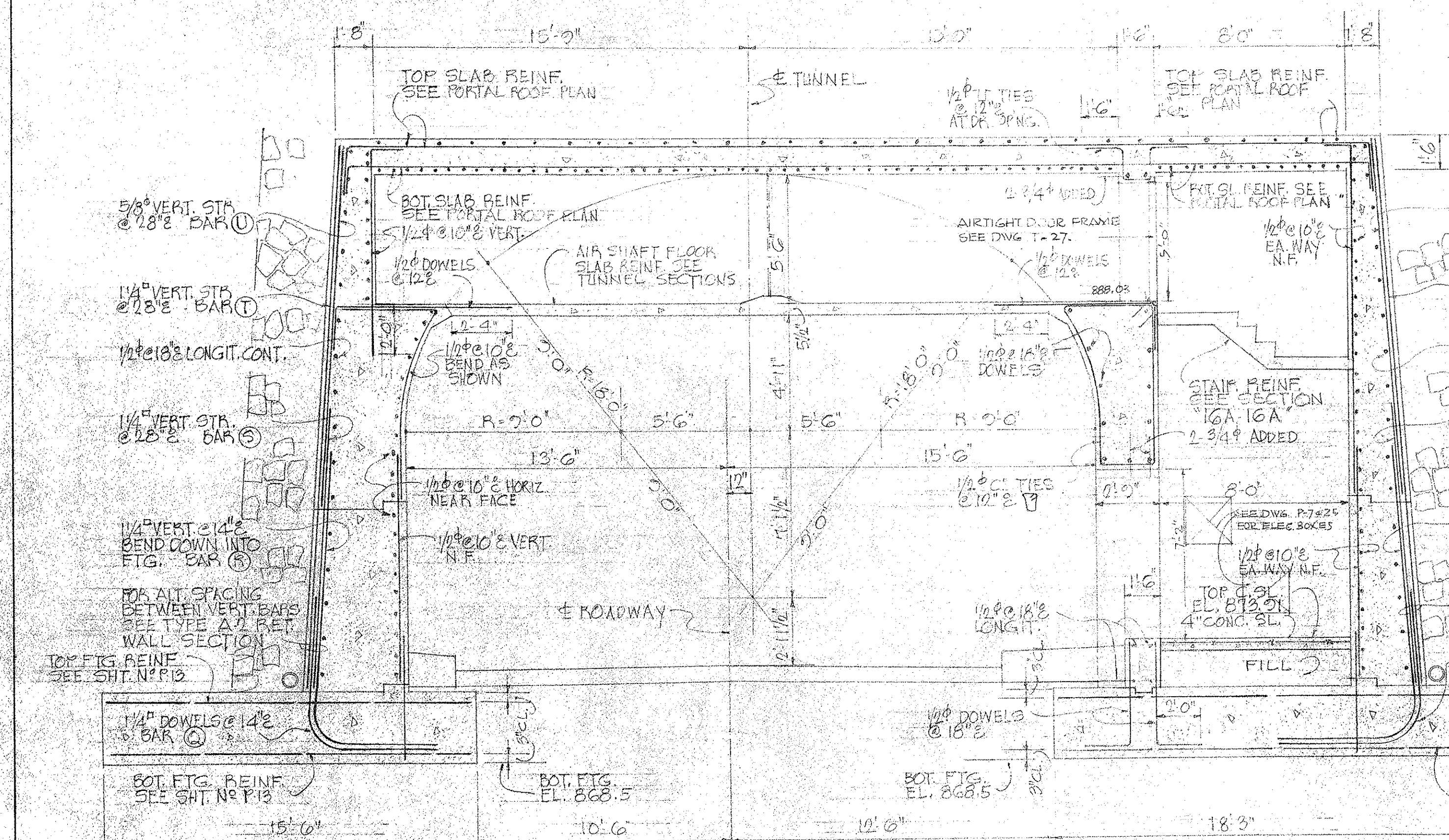
ENGINEER: L. A. W.
DRAFTSMAN: D. L. O.
SCALE: 1/4" = 1'-0"

DATE: JULY 15, 1953
CHECKED BY: L. E. J.
TRACER: F. C.
APPROVED: J. R. Butz
BUREAU ENGINEER

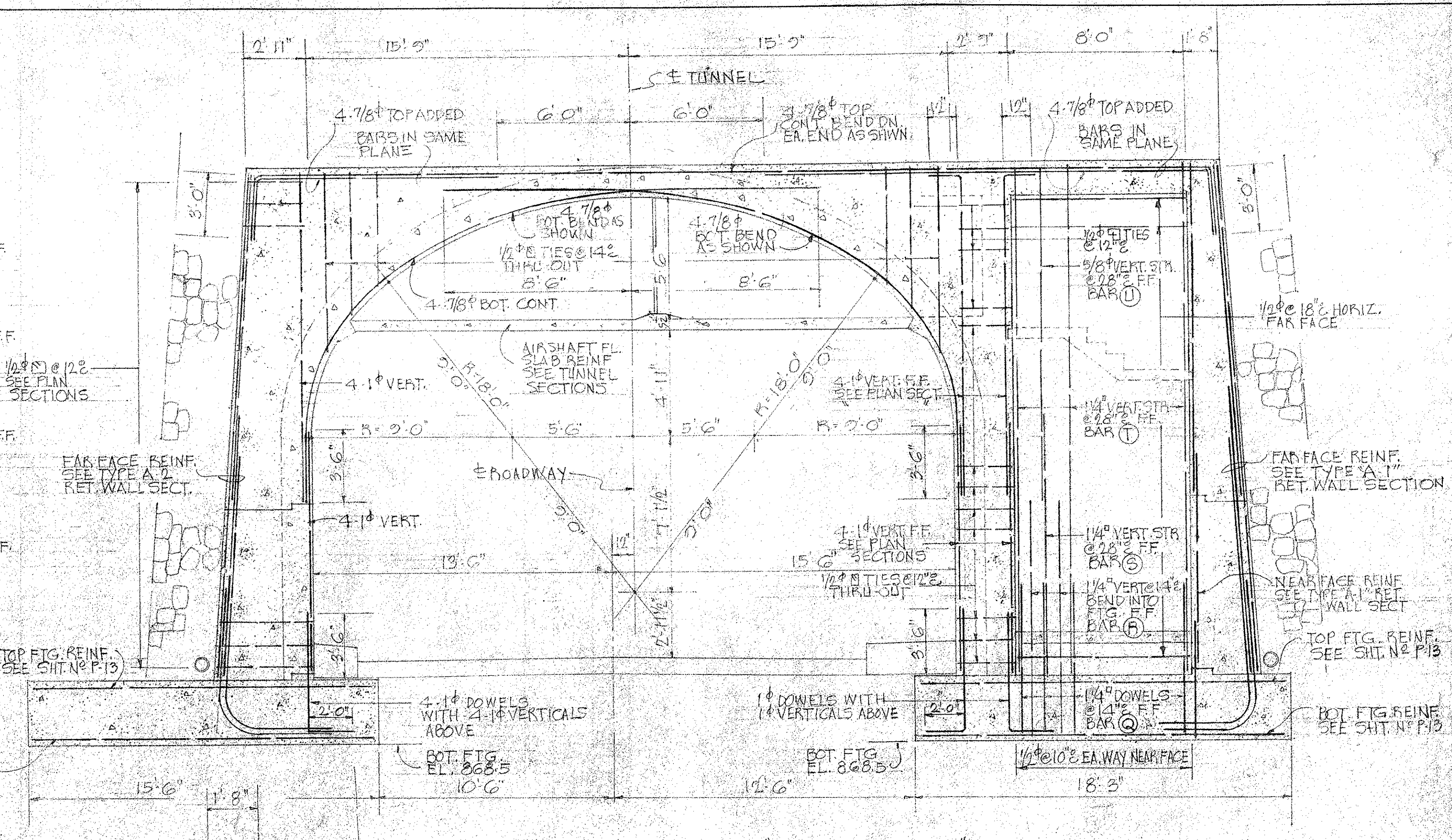
W. S. C. SEC. F. B. C. B.
W. W. BY. F. W. BY. S. BY.



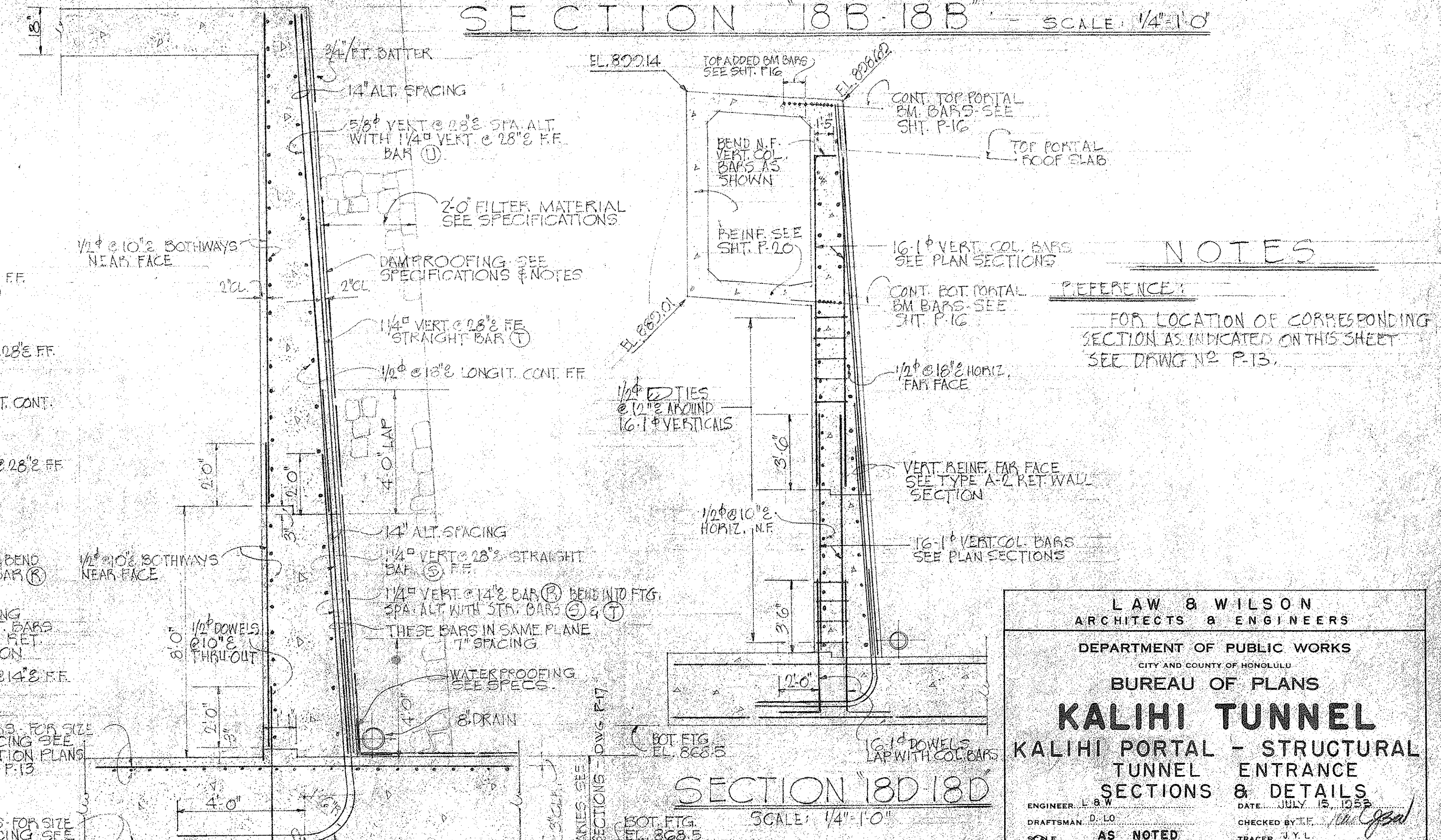
SECTION 18A-18A SCALE: 1/4"=1'-0"



SECTION 18C-18C SCALE: 1/4"=1'-0"



SECTION 18B-18B SCALE: 1/4"=1'-0"



SECTION 18D-18D SCALE: 1/4"=1'-0"

TYPE "A1" RETAINING WALL SECTION SCALE: 3/8"=1'-0"
(TYPE "A2" RET. WALL SIMILAR EXCEPT AS NOTED ON PORTAL PLANS & SECT. SECTION C

NOTES

REFERENCE:
FOR LOCATION OF CORRESPONDING SECTION AS INDICATED ON THIS SHEET SEE DRAWING P-13.

LAW & WILSON
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DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU
BUREAU OF PLANS
KALIHI TUNNEL
KALIHI PORTAL - STRUCTURAL
TUNNEL ENTRANCE
SECTIONS & DETAILS
ENGINEER: L. B. W.
DRAFTSMAN: D. LO
SCALE: AS NOTED
CHECKED BY: J. L. J.
TRACER: J. L. J.
APPROVED: *[Signature]*
CHIEF ENGINEER
BUREAU ENGINEER

W.S.	PROFILE	C.S.
CR. SEC.	P.B.	S.B.
W.M. BY:	F.W. BY:	S.B. BY:

APPROVED: *[Signature]*
ENGINEER, KALIHI TUNNEL