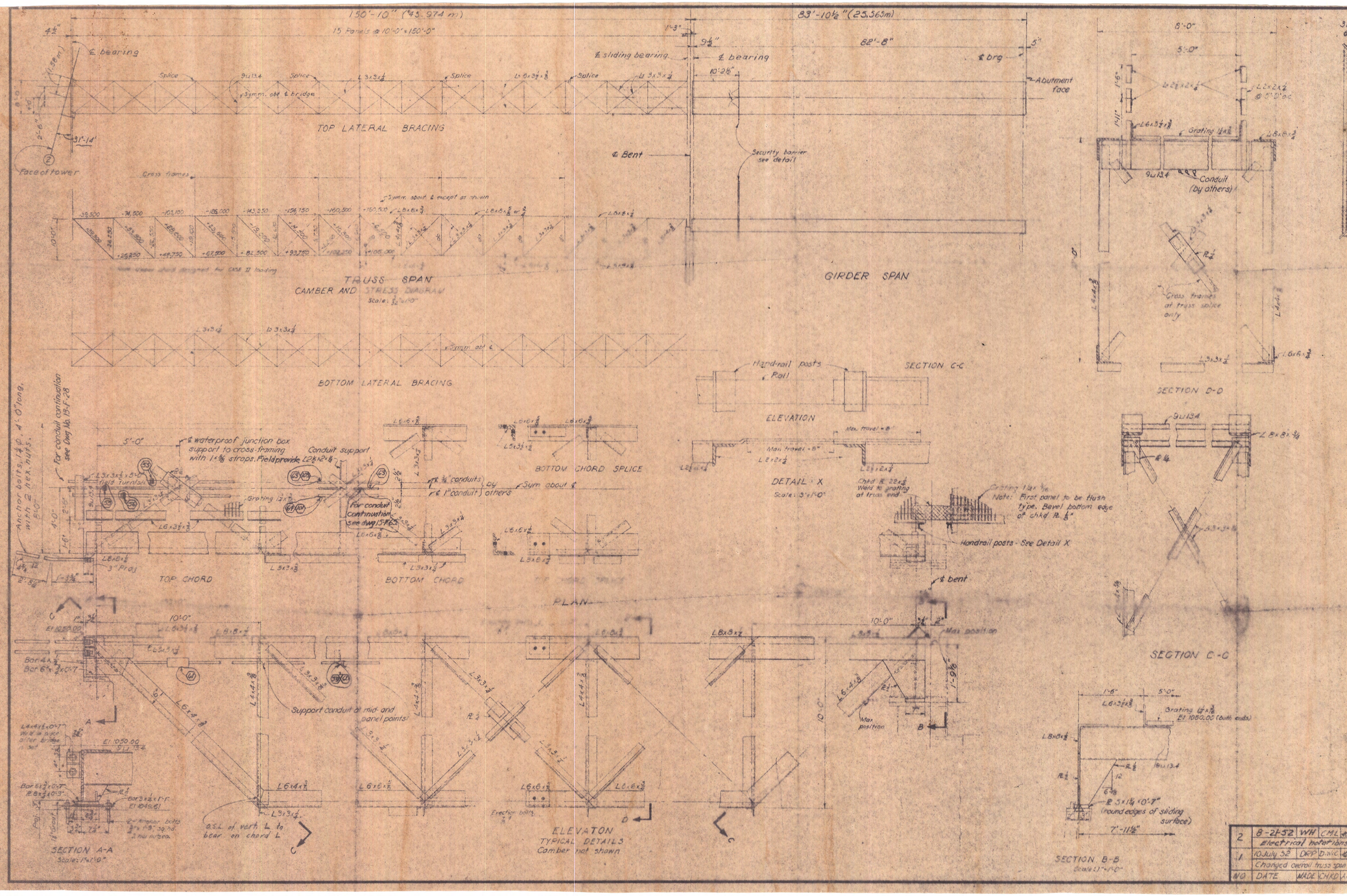

NOTES

Electrical materials order on P.O. 11.5071, 11.5072 and 11.5092, except as noted. Material is billed on dwg. 17-F-7

Design: Live load = 93 lbs per sq. ft.
Lateral forces (includes wind load) = 150 lbs per lin. ft. in plane of top chord
= 75 lbs per lin. ft. in plane of bottom chord

Working Stresses
Case I - D.L + L.L - Tension = 18,000 lb per sq. in.
Compression = $15{,}000 - \frac{1}{4}\left(\frac{L}{r}\right)^2$ where $\frac{L}{r} \leq 140$
Case II - D.L + L.L + W.L - Unit stresses 33⅓% greater than those specified in Case I

Shop to prepare surfaces requiring field weld.
Welds are to develop strength of member.
Elevations and dimensions in parenthesis ( ) are in meters
Fabrication shall be in accordance with AISC Specifications.
No shop paint required.
Field paint: Truss and girder - One coat zinc chromate and [illegible] coats aluminum.
Bent - One coat coal tar primer and one coat bitumastic.
Mark numbers shall have prefix 15-F-17
Estimated weight:

Truss span:	Structural steel	35,000 lbs
	Grating	6,700 lbs
	Total	41,700 lbs
Girder span:	Structural steel	30,000 lbs
	Grating	3,700 lbs
	Total	33,700 lbs
	Total both spans	75,400 lbs
Bent		19,600 lbs
	Total	95,000 lbs

REFERENCE DRAWINGS:
Intake Tower - Concrete Outline - Sh. 1 ..... 13-F-27
Intake Tower Access Bridge - Bent & Girder 15-F-65

Scale: ¾"=1'-0"
Except as noted

MORRISON - KNUDSEN AFGHANISTAN, INC.

KAJAKAI DAM
IRRIGATION TUNNEL
INTAKE TOWER ACCESS BRIDGE
ASSEMBLY AND TRUSS

INTERNATIONAL ENGINEERING CO., INC.

NO	DATE	MADE	CHKD	APPD
2	8-21-52	WH	CML	[illegible]
	Electrical notations			
1	10 July 52	DRP	D.W.C.	[illegible]
	Changed overall truss span dimn			

DESIGNED R.E.H. DRAWN D.W.C. DRP TRACED ...
CHK'D D.W.C. & R.E.H. INSP. H.Y.H.
SUBMITTED R. E. Hollick RECOMMENDED [illegible] APPROVED [illegible]

15-F-17 R2
SAN FRANCISCO, CAL.
DATE JUNE 5, 1952