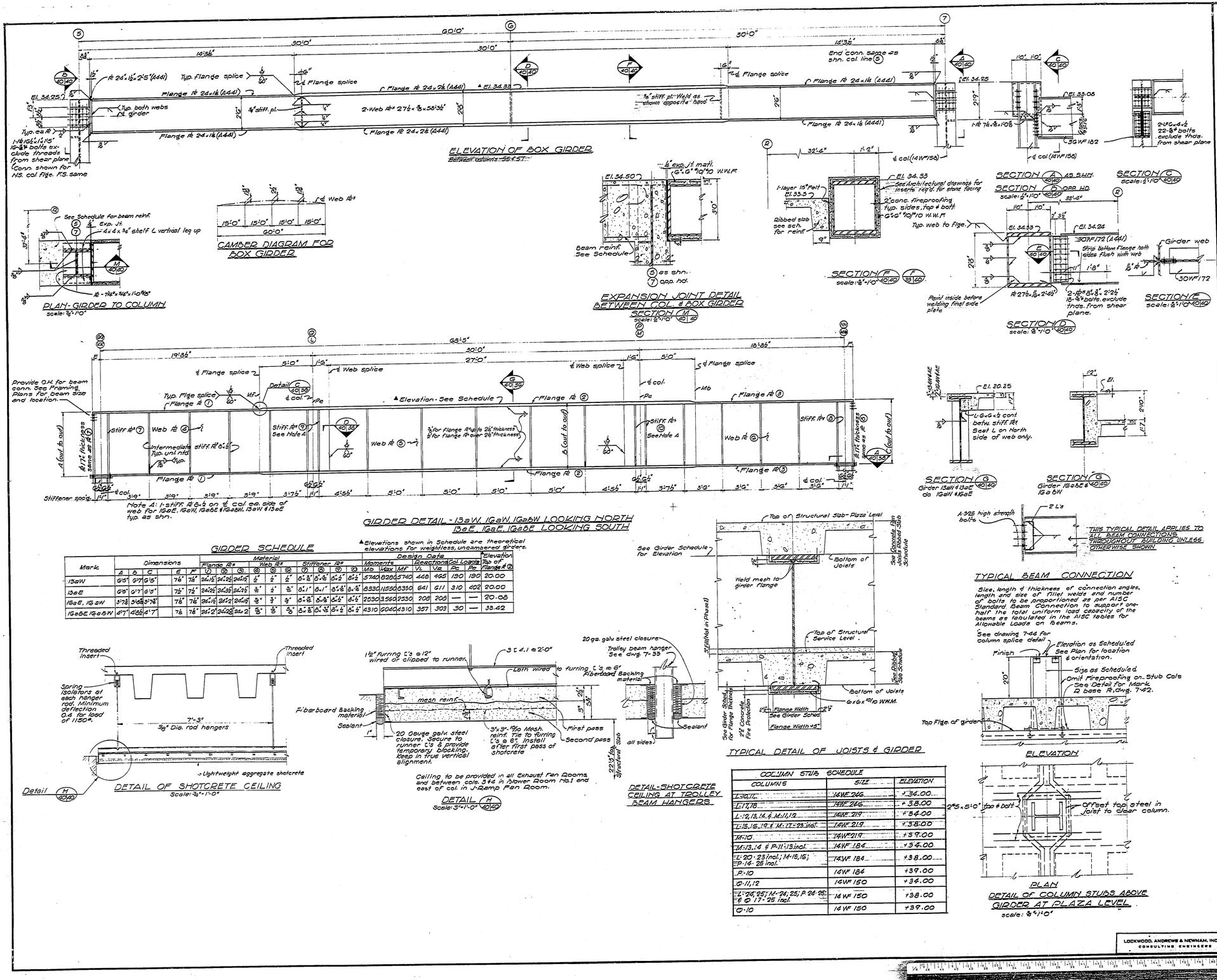

See dwg. 7-1 for general notes.

See dwg. 7-6 for list of standard details.

See Dwg. 7-38 for Notes on Steel Girders.

GIRDER SCHEDULE

▲Elevations shown in Schedule are theoretical elevations for weightless, uncambered girders.

Mark	Dimensions A	B	C	E	F	Material: Flange Pls ①	②	③	Web Pls ④	⑤	⑥	Stiffener Pls ⑦	⑧	⑨	⑩	Design Data: Moments Mo	Mdx	MF	Reactions Vi	Vo	Col Loads Pc	Pa	▲Elevation Top of Flange ⑦
13aW	6'5"	6'7"	6'5"	7½"	7½"	24x1½	24x2½	24x1½	½"	½"	½"	6x⅜	6x⅜	6x½	6x½	5740	8260	5740	448	465	190	190	20.00
13aE	6'5"	6'7"	6'5"	7½"	7½"	24x2½	24x3½	24x2½	½"	½"	½"	6x1"	6x1"	6x⅜	6x½	8330	11550	8330	641	611	310	402	20.00
16aE, 16aW	3'7½	3'9½	3'7½	7½"	7½"	24x1½	24x2	24x1½	⅜"	⅜"	⅜"	6x⅜	6x⅜	6x½	6x½	2830	3560	2230	208	208	—	—	20.08
16aBE, 16aBW	4'7"	4'8½	4'7"	7½	7½"	24x2	24x2½	24x2	⅝"	⅝"	⅝"	6x⅜	6x⅜	6x½	6x½	4310	6040	4310	357	303	30	—	38.42

TYPICAL DETAIL OF JOISTS & GIRDER

COLUMN STUB SCHEDULE		
COLUMNS	SIZE	ELEVATION
L-10,11	14WF 246	+34.00
L-17,18	14WF 246	+38.00
L-12,13,14 & M-11,12	14WF 219	+34.00
L-15,16,19 & M-17-25 incl.	14WF 219	+38.00
M-10	14WF 219	+37.00
M-13,14 & P-11-15 incl.	14WF 184	+34.00
L-20-23 incl.; M-15,16; P-14-25 incl.	14WF 184	+38.00
P-10	14WF 184	+37.00
O-11,12	14WF 150	+34.00
L-24,25; M-24,25; P-24-25; & O 17-25 incl.	14WF 150	+38.00
O-10	14WF 150	+37.00

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APPROVED	ARCHITECTURAL	STRUCTURAL	MECHANICAL

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PROJECT	U.S. DEPARTMENT OF LABOR
LOCATION	WASHINGTON D.C.
STREET	200 CONSTITUTION AVENUE N.W.
PROJ NO	68910
FILE NO	
DRAWN BY	JDM
CHECKED BY	PWC
DRAWING TITLE	FREEWAY GIRDERS AND MISC. DETAILS
	STRUCTURAL
DRAWING NUMBER	7-40
PHASE	1

LOCKWOOD, ANDREWS & NEWNAM, INC.
CONSULTING ENGINEERS

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