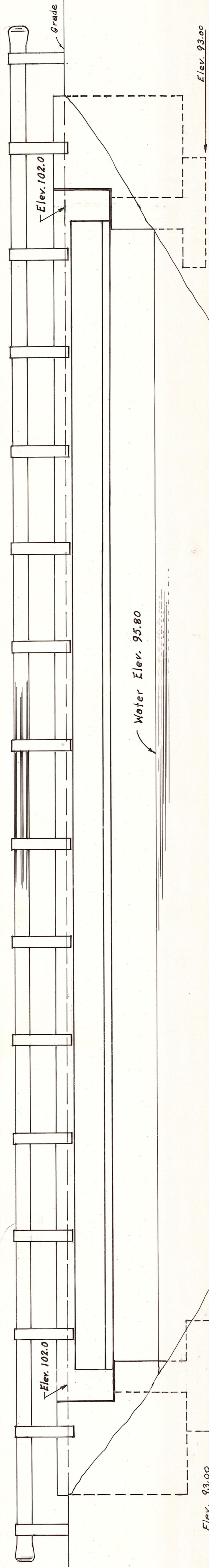


PLAN

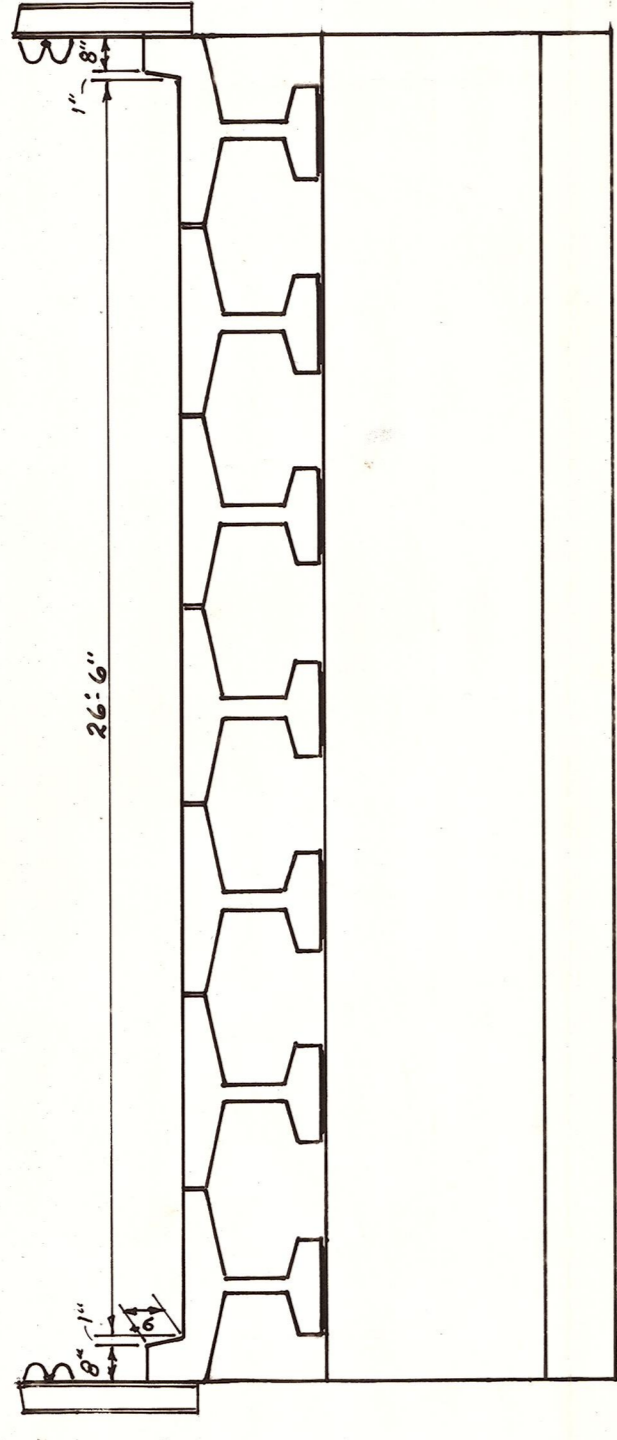
DATUM— ASSUMED ELEV. 100.0



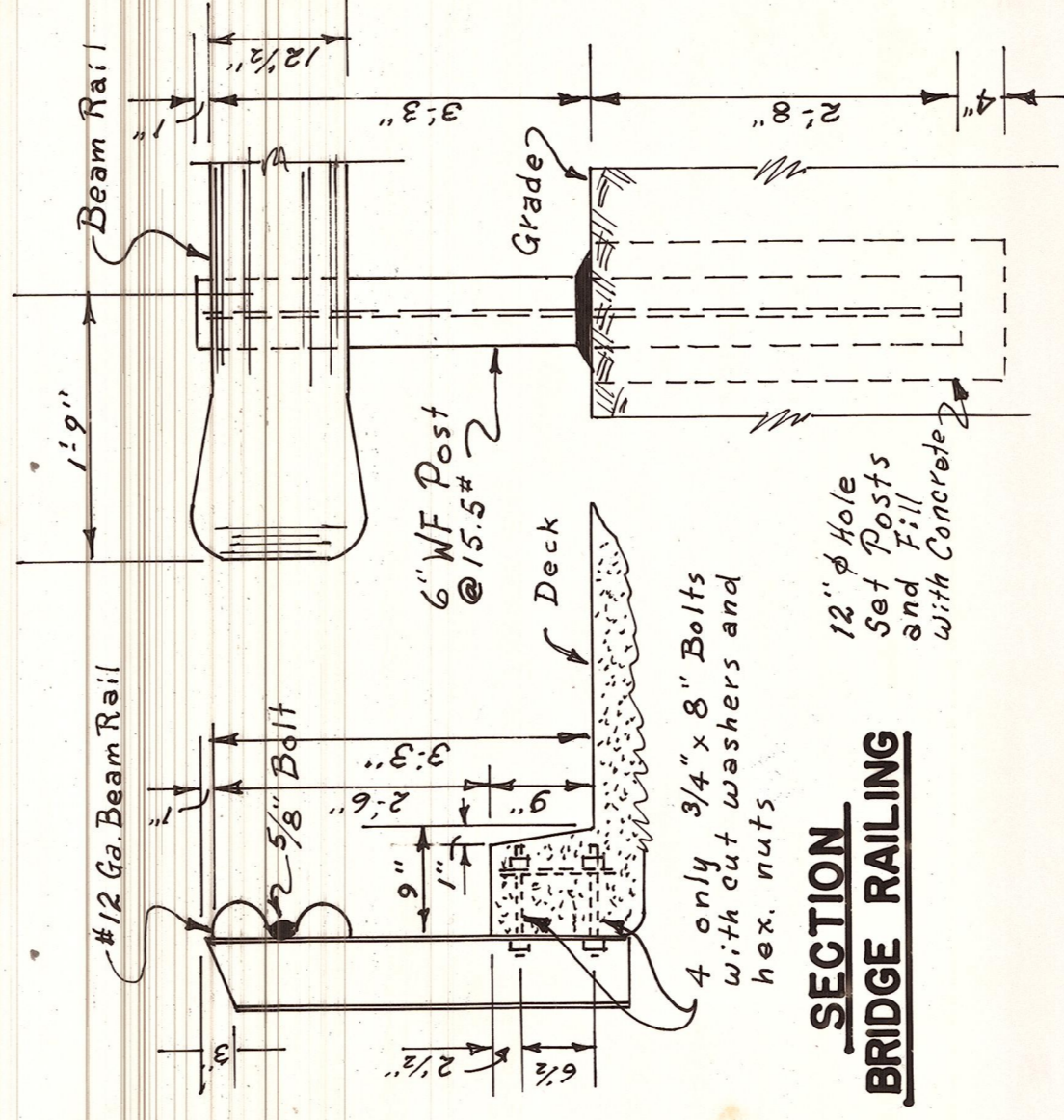
ELEVATION

LOADING H-20 S-16

SUMMARY OF QUANTITIES		
Item No.	Item	Quantities
1	Structure Excavation	193 c. y.
2	Concrete Class "B"	46 c. y.
3	Concrete Class "A"	14 c. y.
4	Reinforcing Steel	6760 lbs.
5	Super structure in place	Lump Sum
6	Beam Guard Railing	193 Lin. ft.
7	Remove Existing Bridge	Lump Sum



SECTION A-A



SECTION BRIDGE RAILING

END POST DETAIL

SINGLE BEAM GUARD RAILING

OFFICE OF COUNTY ROAD ENGINEER
KITTITAS COUNTY
 ELLENSBURG, WASHINGTON
WEST SIDE RD. BRIDGE
 BRIDGE No. 04351

SCALE: $\frac{1}{4}$ CRP 7-68
 DRAWN BY M.F.G. DATE AUG. 1968 SHEET 5 OF 6
 APPROVED: *[Signature]* DATE 9-9-68
 COUNTY ROAD ENGINEER

GENERAL NOTES

DESIGN: A.A.S.H.O. Standard Specifications for Highway Bridges, dated 1961

LOADING: Live Load: H-20 S16-44

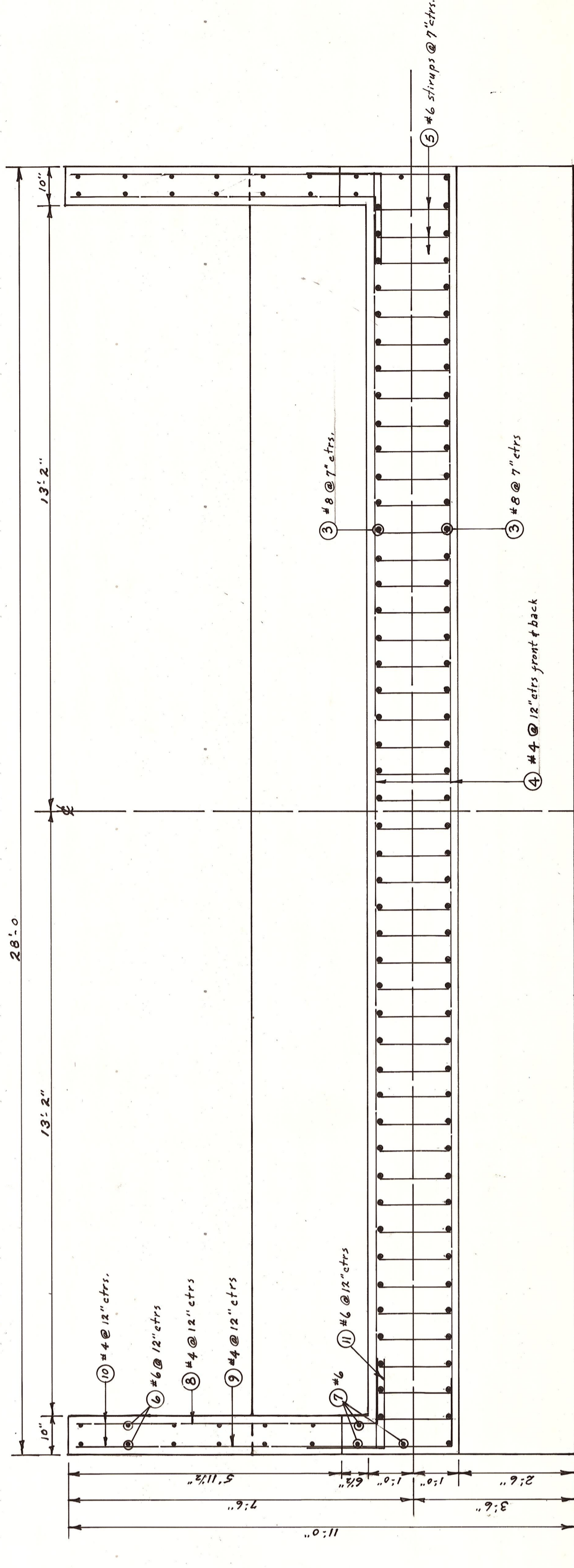
Concrete 150' c.f.

CONSTRUCTION:

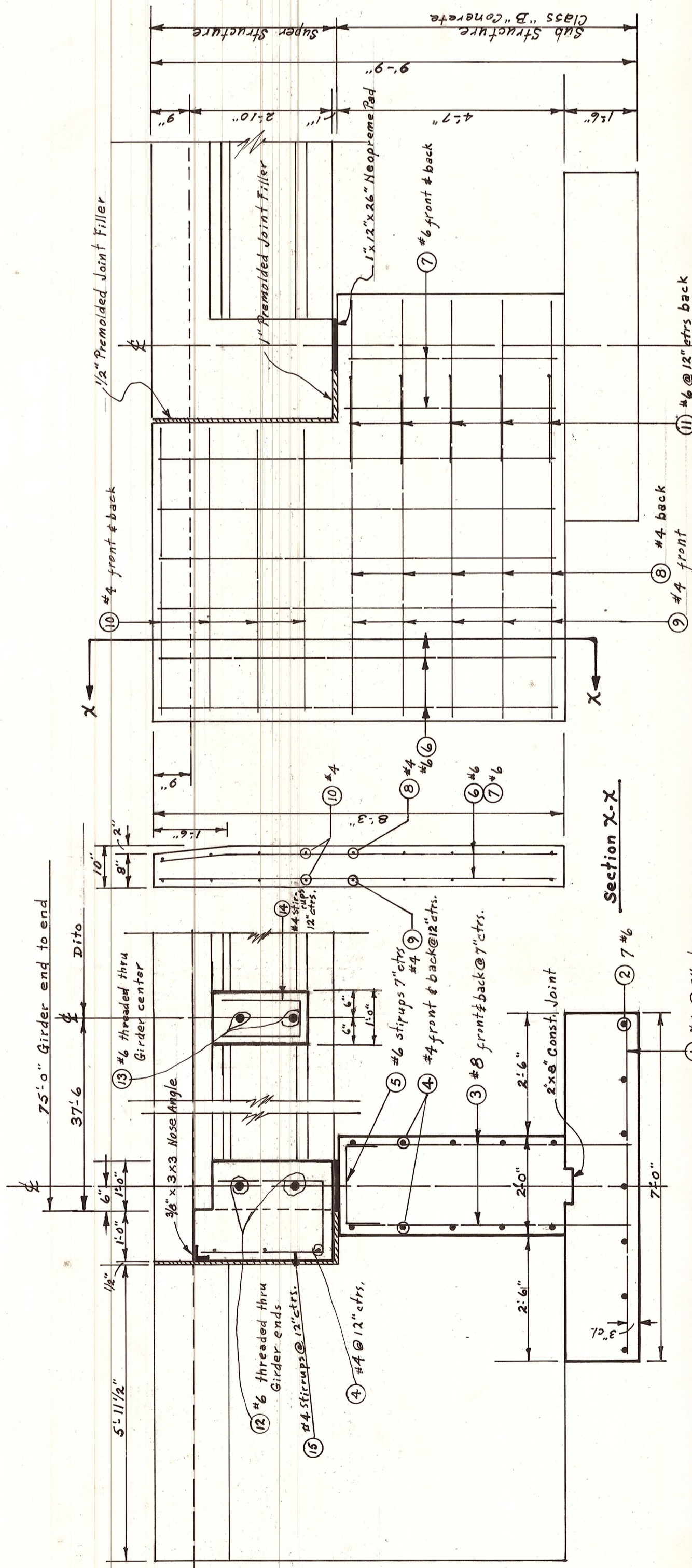
All material and workmanship shall be in accordance with the requirements of the State of Washington Dept. of Highways "Standard Specifications for Road and Bridge Construction, 1963," these plans and Special Provisions. Footing elevations are subject to change depending upon foundation material encountered; the reinforcing steel for columns, pier & wing walls shall not be cut until final footing elevations are determined in the field. Concrete in footings shall be Class "B" mix; all other concrete, except as noted, shall be Class "A" mix. Bridge construction work sequence: 1. Construct Pier & Abutments including wingwalls, 2. Erect prestressed precast concrete girders, 3. Construct Endwall & center diaphragms and install bridge railings. NOTE: Approach road embankments and rip-rap material will be constructed and placed by Kittitas County forces.

NOTES:

PRESTRESSED GIRDERS
Concrete girders to be made of heavyweight
150 lb./cu.ft concrete
HR $f_c = 5000$ psi. @ 28 days
LW $f_c = 5000$ psi. @ 28 days
 $f_{ci} = 4000$ psi. @ Transfer



ABUT. TOP VIEW



TYPICAL SECTION

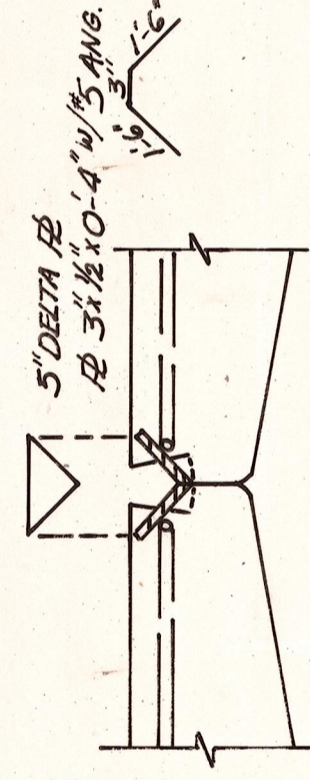
ABUT. END

ABUT. FRONT

Scale 1/2" = 1'0"

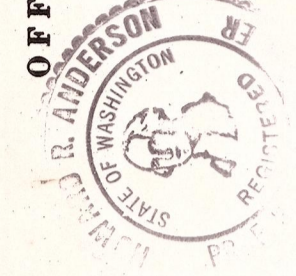
Bar Size	Location	No.	Length	Description
①	Footing	96	6'-9"	str.
②	Footing	14	27'-9"	"
③	Abut. Wall, Vert. Front & Back	192	5'-9"	"
④	" " " Horiz. "	26	27'-9"	"
⑤	" " " Stirrups "	92	2'-8"	"
⑥	Wing Wall, Vert. Front & Back	48	8'-0"	str.
⑦	" " " Horiz. Back Face "	12	4'-4"	"
⑧	" " " Horiz. Front "	20	9'-9"	"
⑨	" " " Front & Back "	32	5'-8"	str.
⑩	Corners	20	4'-0"	"
⑪	End Diaph. Horiz.	4	27'-8"	str.
⑫	Center Diaph. Horiz.	2	24'-0"	str.
⑬	" " " Vert. Stirrups "	18	3'-3"	"
⑭	End Diaph. Vert. Stirrups	4	6'-9"	"
⑮		40	6'-9"	"

Measurements are out to out



WELD TIE DETAIL
Construct on all girders and on all bridges

OFFICE OF COUNTY ROAD ENGINEER
KITITAS COUNTY
ELLENSBURG, WASHINGTON
WEST SIDE ROAD
BRIDGE No. 04351



SCALE: H

DRAWN BY M.F.G. DATE AUG. 1968

CRP 7-68

APPROVED: 9-9-68 DATE

SHEET 6 OF 6

COUNTY ROAD ENGINEER