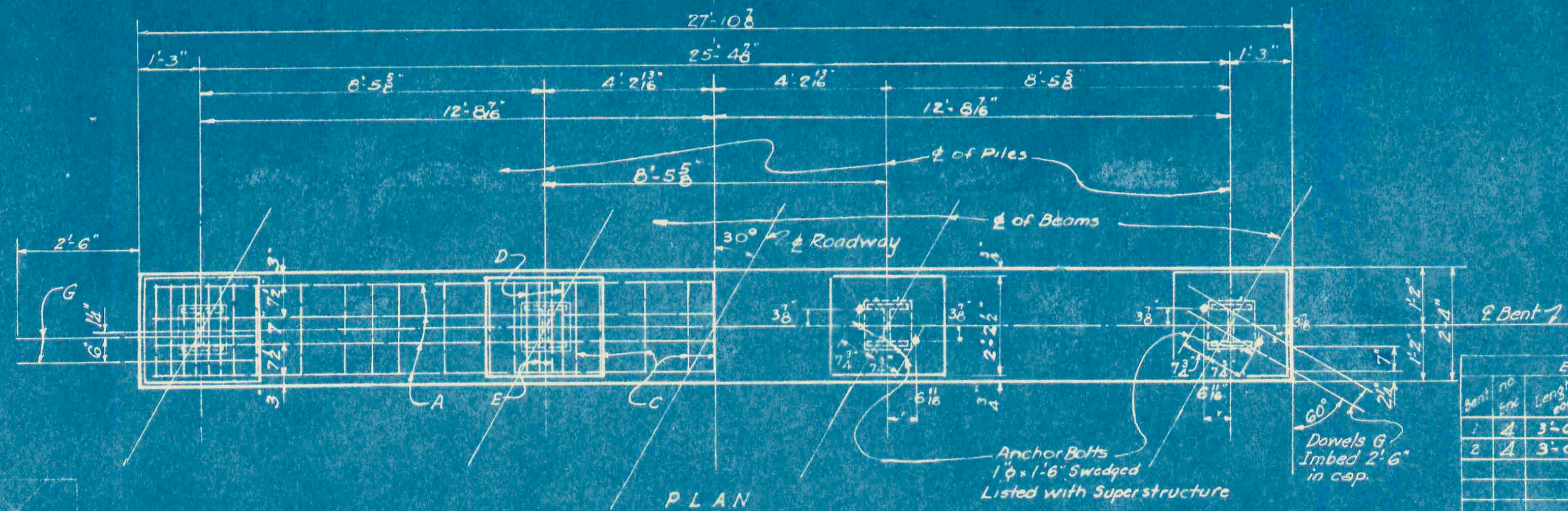


Area of section = 12.35 sq. in.
Weight = 42 lbs. per lin. ft.

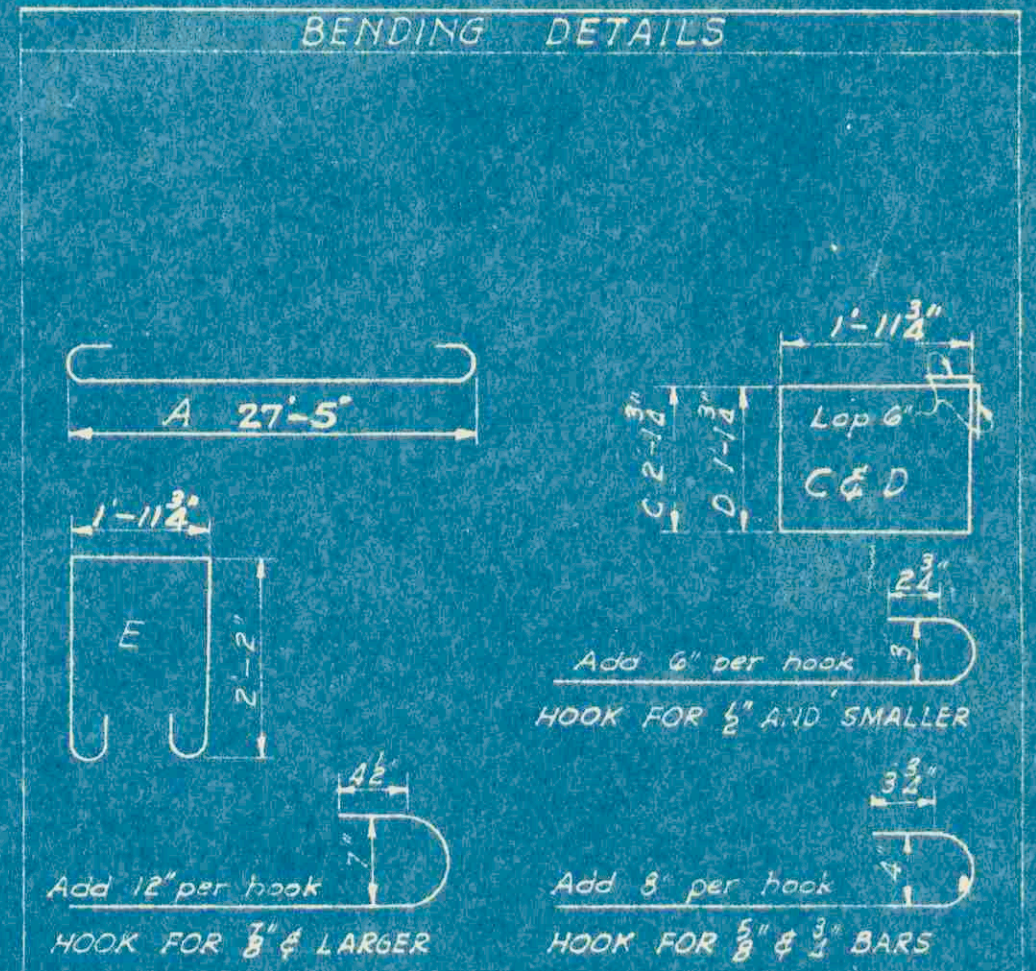
CROSS SECTION OF STEEL PILE
SCALE 1/2" = 1'-0"



Note - See Sheet 6 for method of setting anchor bolts.

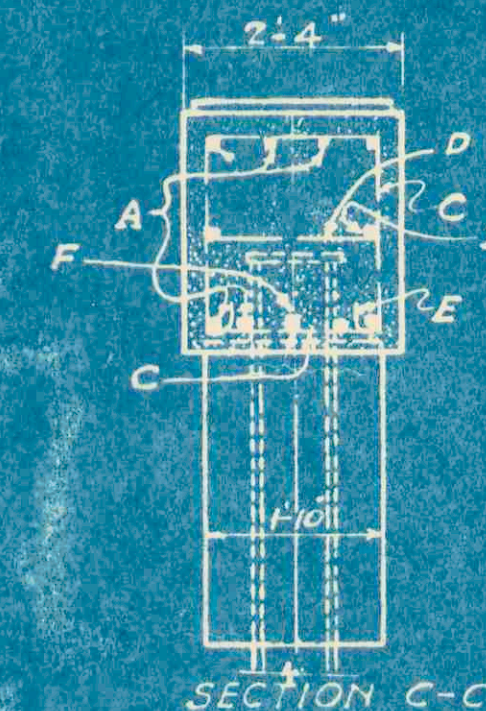
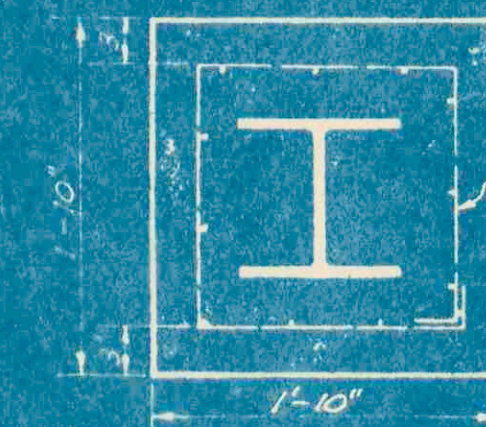
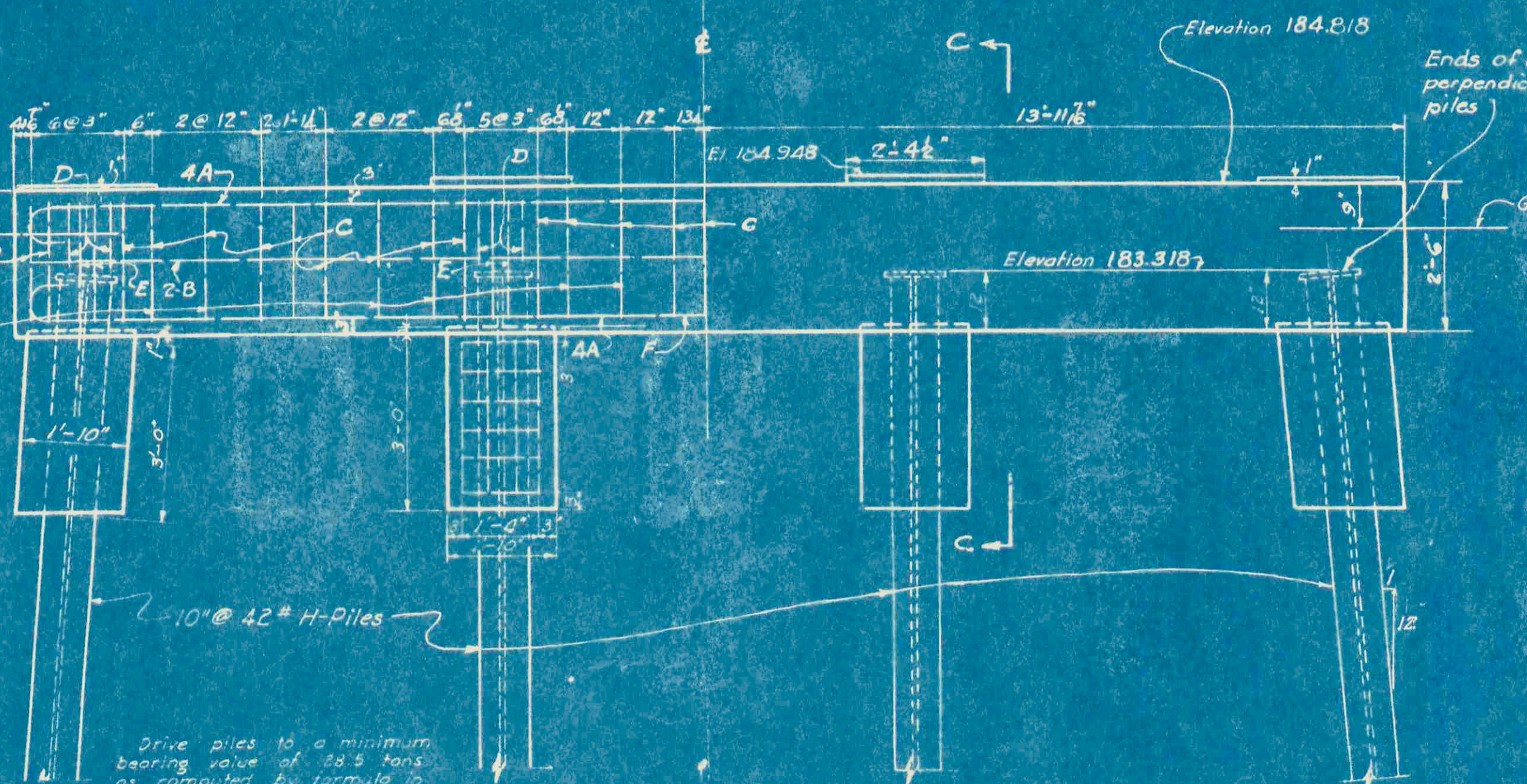
ENCASEMENTS					
Bent No.	Encasement No.	Length	Class A Conc.	Reinf. Steel	Size No. Wt.
1	1	3'-0"	1.46	2-7" x 5-10"	4 18"
2	2	3'-0"	1.46	2-7" x 5-10"	4 18"

REINF. STEEL TABLE FOR ONE BENT CAP							
MARK	NO	SIZE	LENGTH	MARK	NO	SIZE	LENGTH
EA	6	1/2"	29'-5"	EF	1	1/2"	27'-5"
EB	2	1/2"	27'-5"	EG	1	3/4"	5'-0"
EC	3/4	1/2"	9'-3"				
ED	8	1/2"	7'-3"	Reinf. Steel 1549 Lbs.			
EE	8	1/2"	7'-3"	Class A Conc. 6.09 Cu.Yd.			



QUANTITIES FOR BENTS 1 & 2					
BENTS No.	Excavation	Steel Reinforcement	Class A Concrete	Reinf. Steel	Reinf. Steel Lbs.
1	40	180	3'-0"	755 CY	1567
2	40	170	3'-0"	755 CY	1567
TOTAL	80 CY	350 LF	15' 0" CY	1510 CY	3134 Lbs.

Thread "F" bar thru handling holes or holes burned in the field



NOTES:
Piling shall comply with the specifications for structural steel with the addition of 0.2% copper.
All concrete edges to be chamfered 3/4".

All concrete shall be class A.
Design data: A.A.S.H.O. Spec. (1935); H-15 Loading; impact omitted.
Costs of welding to be included in unit price bid for structural steel.
No. 3 coarse aggregate shall be used in encasements. No compensation will be made for variable yield in cement in encasements.
Welding of pile caps may be done by electric arc or acetylene. Pile splices shall be made according to specifications using the electric shielded arc process.

Drawn by: H. H. H. 6/29
Checked by: M. S. H. 6/29
Quan. by: H. H. H. 6/29
Checked by: H. H. H. 6/29