BEAM SCHEDULE

BEAM Mark	b	h	STR. BARS No	STR. BARS Size	BENT BARS No	BENT BARS Size	STIRRUPS No	STIRRUPS Size	STIRRUPS Spacing each end	EXTRA BARS OVER SUPPORT No & Size	EXTRA BARS OVER SUPPORT Type	EXTRA BARS OVER SUPPORT Length	EXTRA BARS OVER SUPPORT Supp.	Remarks
CB1	12	20	2	7/8	2	1	18	3/8	2@6½", 2@13", 20@8", 2@9"					All rods thru CB2
CB2	12	20	–	–	–	–	8	"	3@7"					
CB3	12	20	2	1	2	7/8	24	"	3@5", 20@8", 2@6½", 2@7½", 20@8½"					all rods thru CB2
CB4	12	20	2 2	7/8 3/4	Top bott		6	"	2@9"					
CB5	12	20	2 2	5/8 5/8	T b		6	"	2@9"					
CB6	10	14	2	3/4	2	3/4	8	"	3@6"					
RB1	8	24	2	5/8	2	5/8	10	3/8	4@10"					
RB2	8	24	2 2	5/8 5/8	T b		6	"	2@12"					
RB3	8	24	2	3/4	2	5/8	10	"	4@10"					
RB4	8	24	2 2	5/8 5/8	T b		6	"	2@12"					
RB5	8	24	2 2	5/8 5/8	T b		6	"	2@12"					
RB6	8	28	2 2	5/8 5/8	T b		6	"	2@12"					
RB7	8	28	2	5/8	T b		6	"	2@12"					
B1	12	20	2	1	2	1	22	3/8	3@5", 3@4½", 4@8"					
B2	12	20	2	1 #	T b		6	"	2@9"					
B3	12	20	2	1	2	1 #	24	"	3@4½", 3@5½", 2@7½", 20@9"					
B4	12	20	2	1 #	T b		6	"	2@9"					
B5	12	20	2 2	5/8 5/8	T b		6	"	2@10"					
B6	12	20	2 2	5/8 5/8	T b		6	"	2@10"					
B7	8	12	2	5/8	2	5/8	8	"	3@5"					
B8	10	16	2	7/8	2	7/8	18	"	3@6", 5@7"					
B9	8	26	1	1	1	1	14	"	2@7½", 2@9", 2@12½"					All rods thru B10
B10	8	26		–	–	–	6	"	2@10"					
B11	8	12	2 2	5/8 5/8	T b		6	"	2@5"					
B12	10	16	2	5/8	2	3/4	12	"	3@6", 2@7"					
B13	8	24	2	5/8	2	5/8	10	"	4@8"					
B14	12	20	2 2	5/8 5/8	T b		8	"	3@10"					
HB1	8	24	2 2	5/8 5/8	T b		6	"	2@10"					Spec shape
HB2	8	24	2 2	5/8 5/8	T b		6	"	2@10"					do.
HB3	8	24	2 2	5/8 5/8	T b		6	"	2@10"					do.
HB4	8	28	2 2	7/8 5/8	T b		8	"	3@10"					
HB5	8	28	2	5/8	2	1	18	"	2@6½", 2@7½", 20@9½", 2@11"					Rods in 2 layers
HB6	8	28	2 2	5/8 5/8	T b		10	"	4@10"					
HB7	8	28	2 2	5/8 5/8	T b		10	"	4@10"					
HB8	8	26	2	3/4	2	7/8	18	"	2@6½", 2@7½", 20@9½", 2@11"					Rods in 2 layers
HB9	8	17	2 2	3/8 3/4	T b		10	"	4@10"					
CB2 (alt.)	12	20	2 2	1 # 7/8	Top bott		8	3/8	3@7					(For alternate)

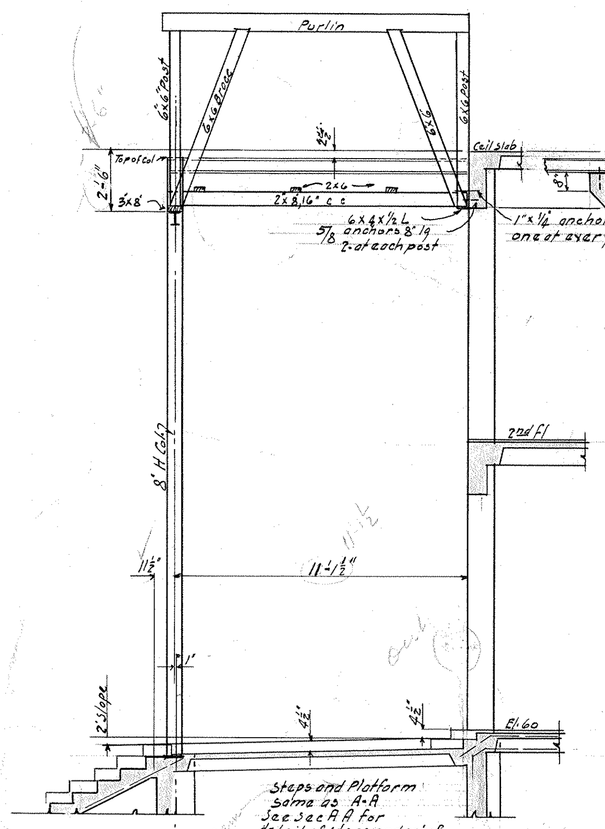
BENDING SCHEDULE

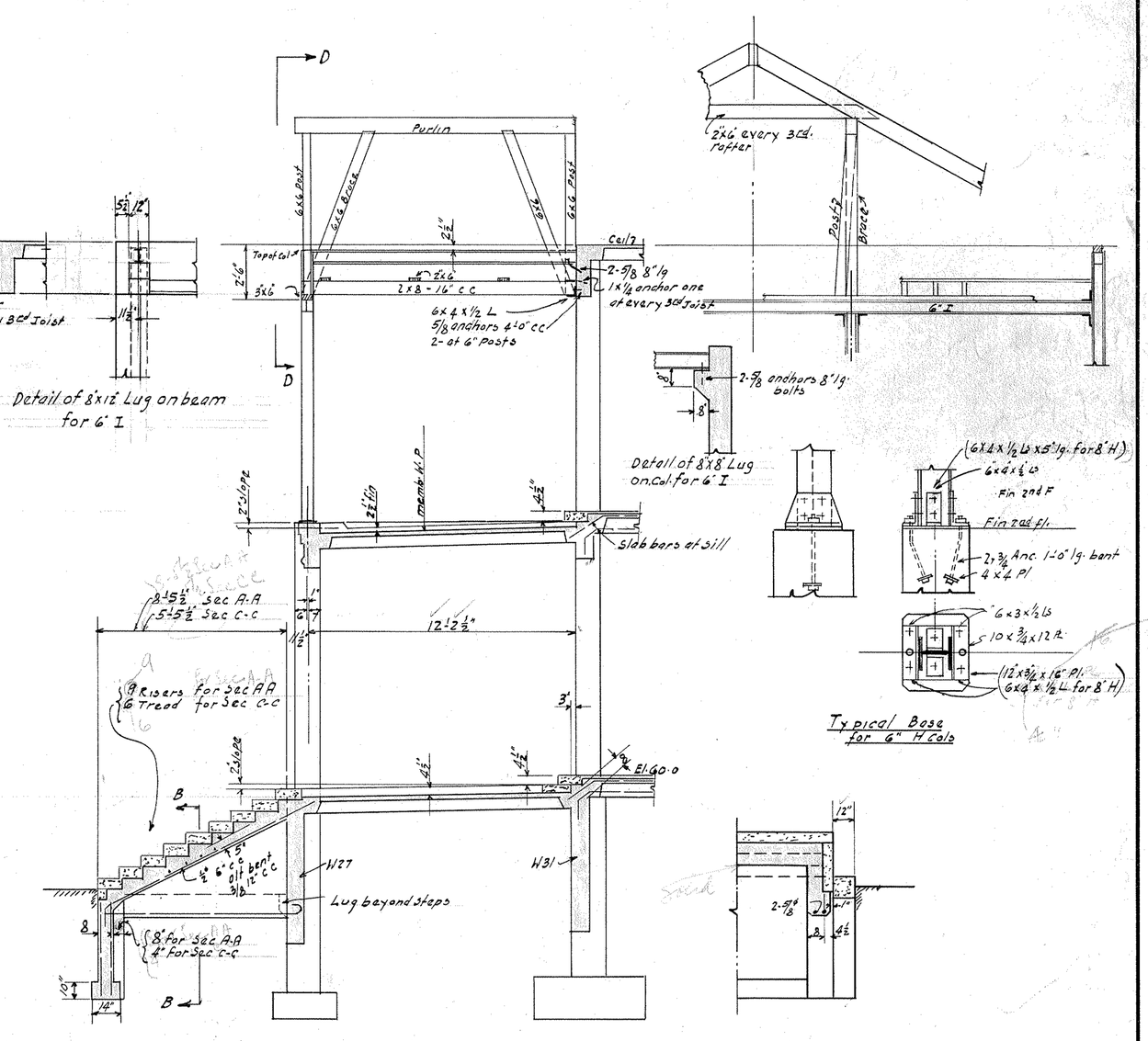
a	b	c	Supp	Span	Supp	c	b	a
4"		4'-0	C14	19'-7½		5'-0	17'-0	
			C15	12'-0				
	17'-0	5'-0	C16	20'-6½		5'-0	5'-0	
	5'-0	(Top)	C17	10'-6			2'-0	
	2'-6	(Top)		11'-0			2'-6	
4"		3'-2	C18	16'-1½		3'-2		4"
4'		4'-0	C2	19'-7½		5'-0	5'-0	
	5'-0	(Top)	C3	12'-0			5'-0	
	5'-0	5'-0	C4	20'-6½		4'-0		4"
4'			C5	10'-6		(Top)	2'-6	
	2'-6	Top	C6	11'-0			2'-6	
4'			C38	15'-0½		(Top)	3'-0	
	3'-0	Top	C14	7'-2			3'-0	
4'		4'-0	C14	19'-7½		5'-0	5'-0	
	5'-0	(Top)	C15	12'-0			5'-0	
	5'-0	5'-0	C16	20'-6½		5'-0	5'-0	
	5'-0	(Top)	C17	10'-6			2'-0	
	2'-6	(Top)		11'-0			2'-6	
	2'-6	(Top)		11'-0			2'-6	
2"		2'-6	B8	11'-0		2'-6		2"
4"		2'-2	C6	16'-1½		3'-2		4"
4"		3'-0	C38	15'-0½		3'-9	10'-1"	
				7'-2				
4"			B12	5'-1½				4"
4"		3'-4	B14	16'-6½		3'-6		2"
4"		2'-1	C43	10'-6		2'-1		4"
	2'-6	(Top)		11'-0			2'-6	
4"				12'-6½	B9			2"
	2'-6	(Top)		11'-1	C1			4"
	2'-6	"		8'-11	C13		2'-6	
	5'-0	"		12'-0			5'-0	
	5'-0	5'-0	C4	20'-6½		5'-0	5'-0	
	2'-6	(Top)	C5	10'-6			2'-6	
	2'-6	"		11'-0			2'-6	
4"		4'-0	C2	19'-7½		5'-0	5'-0	
	5'-0	Top		12'-10"		C22		4

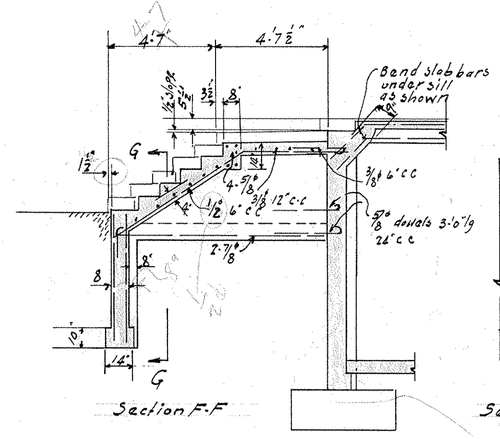
SLAB SCHEDULE

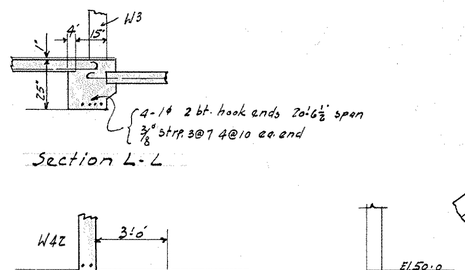
RIBBED SLAB Mark	b	h	STR. BARS No	STR. BARS Size	BENT BARS No	BENT BARS Size	Remarks					
CS1	5"	6+2"	1	5/8	1	1/2	All str.& bentbars thru CS3	11'-3"	4'-0	16'-3½	RB5	3'-3	2"
CS1a	5	6+2	1	1/2	1	5/8	do"	11'-3	4'-0	16'-3½	RB6	3'-3	2"
CS2	5	6+2	1	1/2	1	1/2	All str.& bentbars thru CS4 CS5	11'-11"	3'-9	15'-2½	RB2	3'-0	2"
CS3	5	6+2	–	–	–	–				7'-2			
CS4	5	6+2	–	–	–	–				7'-2			
CS5	30	8	2	3/4	2	3/4	4 - 3/4" ø ties	3'-9	1'-10	7'-2	CB2	1'-10	3'-9	
S1 *	5	8+2	1	3/4	1	5/8	All str.& bentbars thru S2	11'-11"	3'-9	15'-2½	HB4	3'-0	2"
S1a *	5	8+2	1	5/8	1	3/4	do"	10'-11"	3'-9	15'-2½	"	3'-0	2"
S2	5	8+2	—	—	—	—				7'-2			
S3 *	5	8+2	1	3/4	1	3/4	All bent & str bars thru S2 Flare both ends to 9"	11'-3"	4'-0	16'-3½	HB6	3'-3	2"
S4 *	5	8+2	1	7/8	1	7/8	All bent & str bars thru S3 Flare both ends to 9"	7'-6"	4'-0	16'-3½	HB7	3'-3	2"
S5	5	8+2	1	7/8	Top bott			4'-0	(Top)	7'-2	B6		2"
S6	5	6+2	1	5/8	1	5/8		2"	2'-6	12'-3½	B9	2'-6	2"
S6a	5	6+2	1	5/8	1	5/8	Flare both ends	6"	2'-7	12'-11	HB11	2'-7	2"

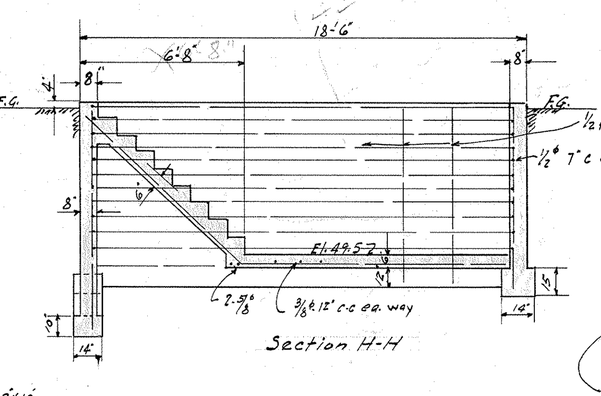
Note: * Add 3" to span for 1st fl. slabs

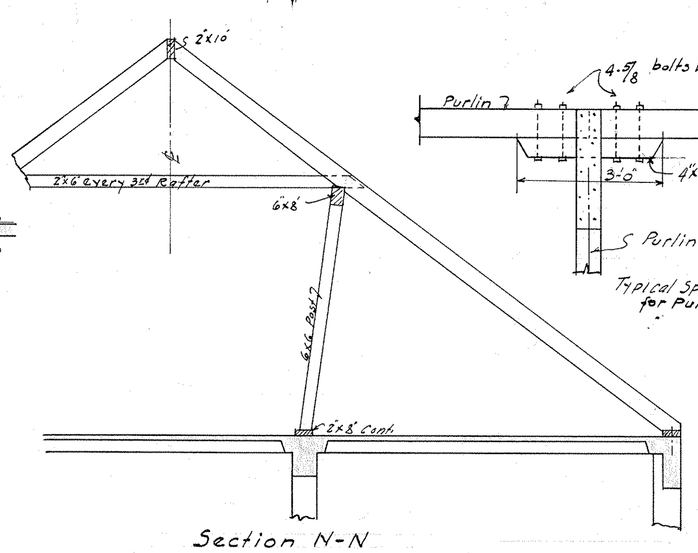












2-7/8" str
2 7/8" bent
3-⅜" strp 8" ea. end
12'-0" span hook ends

VETERANS ADMINISTRATION

WASHINGTON, D. C.

APPROVED Frank T. Hines
ADMINISTRATOR

George E. Jaros
ASSISTANT ADMINISTRATOR

DIRECTOR OF CONSTRUCTION

CHIEF, TECHNICAL DIVISION

NURSES QUARTERS BLDG. NO 17
VETERANS ADMINISTRATION FACILITY
ROANOKE, VA.

Drawn Shurt	REVISIONS	NUMBER
Traced		17-8
Sect. Chf. Awx		
Date Nov. 9, 1933		SHEET 8 OF 11
Sub-Division Chief John M. Kerr		Proj. No. F PVA-18

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