— SLAB SCHEDULE —

Mark	Thick	Main Reinf. Size	Main Reinf. Spacing	Long. Reinf. Size	Long. Reinf. Spacing	Remarks
A	5"	1/2" φ	5 1/2" o.c.	3/8" φ	18" o.c.	
B	4"	1/2" φ	6" o.c.	do.	do.	

— BEAM SCHEDULE —

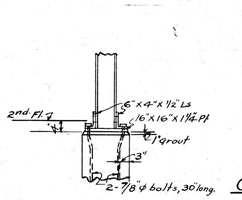
Mark	Wide	Deep	Reinforcement No.	Reinforcement Size	Reinforcement Bent	Reinforcement Str't.	Stirrups Size	Stirrups Type	Stirrups Spacing	Remarks
B1	12"	24"	4	1" φ	2	2	3/16" φ	⊓	5 @ 5 1/2, 2 @ 12", fixed end. 3 @ 12" free end.	
B1X	12"	24"	6	4-1" φ 2-3/4" φ	—	4 2	do.	do.	1 @ 12"	4-1" φ str'n in top from B1. 2-3/4" φ in bottom.
B2	12"	26"	4	2-1" φ 2-1" φ	— 2	2 —	1/2" φ	⊓	5 @ 5 1/2, 2 @ 12" fixed end. 3 @ 12" free end	
B3	12"	34"	4	2-1" φ 2-1 1/8" φ	— 2	2 —	do.	do.	8 @ 7", 4 @ 12" fixed end. 4 @ 12" free end	
B4	12"	34"	4	2-1" φ 2-1" φ	— 2	2 —	do	do	5 @ 6", 3 @ 12" each end.	
B5	12"	34"	4	2-1" φ 2-1" φ	— 2	2 —	do.	do.	do.	do.
B6	10"	16"	4	3/4" φ	2	2	—	—	—	
B2X	12"	26"	6	4-1" φ 2-3/4" φ	—	4 2	3/16" φ	⊓	1 @ 12"	4-1" φ str'n in top from B2. 2-3/4" φ in bottom.

— COLUMN SCHEDULE —

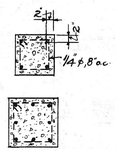
Col. No.	1, 12	2, 11	4, 5, 8, 9,	3, 6, 7, 10
Roof				
Ceiling				
2nd. Floor	8" x 32"		8" x 32"	
1st. Floor	19" x 19" 8-7/8" φ	15" x 15" 4-7/8" φ	18" x 18" 8-7/8" φ	14" x 14" 4-7/8" φ

— FOOTING SCHEDULE —

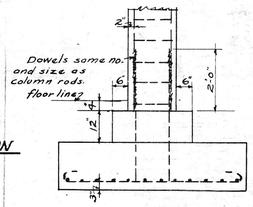
Col. No.	Size of Footing	Thick	Reinforcem'nt	Size of Block	Elevations
1, 12	6'-0" Sq.	18"	12-1/2" φ, both ways	25" Sq. x 12"	
2, 11	4'-8" Sq.	16"	9-1/2" φ, both ways	21" Sq. x 12"	
4, 5, 8, 9	6'-0" Sq.	18"	12-1/2" φ do.	24" Sq. x 12"	
3, 6, 7, 10	4'-3" Sq.	15"	8-1/2" φ do.	20" Sq. x 12"	



STEEL COL. BASE



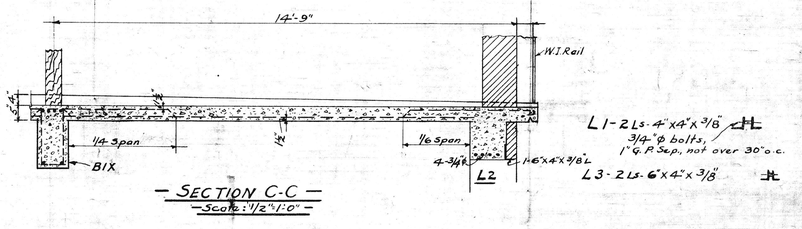
CON. COL. SECTION



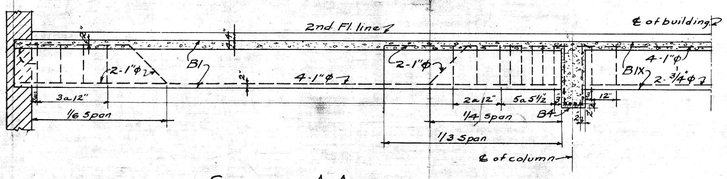
CON. COL. BASE AND FOOTING

— TYPICAL COLUMN AND FOOTING DETAILS —

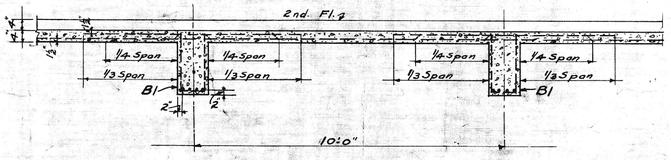
— Scale: 1/2" = 1'-0" —



— SECTION C-C —
— Scale: 1/2" = 1'-0" —

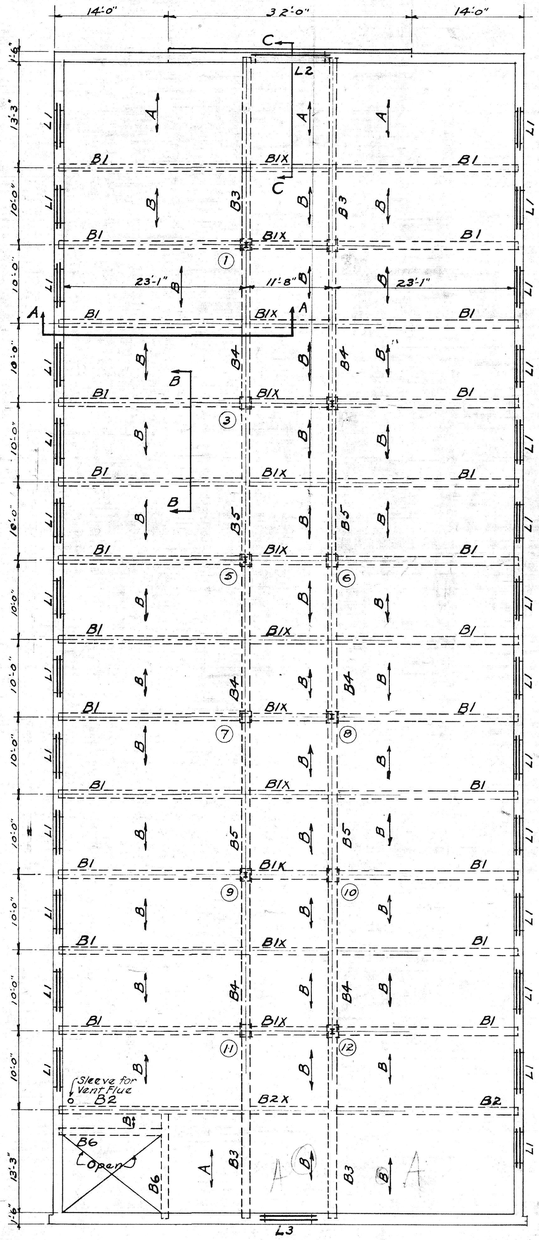


— SECTION A-A —
— Scale: 3/8" = 1'-0" —



— SECTION B-B —
— Scale: 1/2" = 1'-0" —

— TYPICAL FLOOR CONSTRUCTION —



— SECOND FLOOR FRAMING PLAN —
— Scale: 1/8" = 1'-0" —

— GENERAL NOTES —

1 — Tops of all concrete beams and slabs shall be 4" below finished floor unless otherwise noted.
2 — Alternate rods in concrete beams and slabs shall be bent up at 1/4 span and carried over into the adjacent span for a distance equal to 1/3 of said span for continuous beams and slabs; for semi-continuous spans they shall be bent up at 1/6 span at free end, and for simple spans they shall be bent up at 1/8 span at each end. Temperature reinforcing shall be 3/8" φ rods 18" o.c. in all slabs at right angles to the main reinforcing rods, unless otherwise noted.
3 — All rods must be supported on approved metal chairs spaced not over 5'-0" apart; all rods must be wired together at alternate intersections.
4 — All concrete for slabs and beams shall be of 1-2-4 concrete, with coarse aggregate uniformly graded from 1/4" φ to 3/4" φ.
5 — All concrete columns to be of 1-1 1/2-3 concrete, with coarse aggregate same as for beams and slabs.
6 — All sleeves for pipes and boxes for ducts must be in place before any concrete is placed as the cutting of holes in floors will not be permitted.
7 — The shop drawings for the reinforcing steel for the concrete must be accompanied by a setting plan for each floor showing the arrangement of slabs, beams, etc., and must show the location of all rods together with their bends, chairs, stirrups, etc.
8 — Reinforcing steel and dowels in footings are not included in this contract.

R-03-C-002

REVISIONS	WORK RECORD	BUILDING: SCHOOL AND HOSPITAL BUILDING, D. C. NEUROPSYCHIATRIC	FILE NO.
	DRAWN BY H.K.N.	LOCATION: LORTON, VA.	
	TRACED BY R.T.	OFFICE OF MUNICIPAL ARCHITECT—WASHINGTON, D. C.	DRWG. NO.
	CHECKED BY H.H.M.	CHIEF OF ARCHITECTURAL DIVISION: M. Allen, DATE 2-7-31	S
	DATE	CHIEF OF STRUCTURAL DIVISION: H. H. Marsh, DATE 2-7-31	
	SHEET	CHIEF OF MECHANICAL DIVISION: C. O. Bennett, DATE 2/2/31	1
		MUNICIPAL ARCHITECT: Albert L. Harris, DATE 2/2/31	