BEAM SCHEDULE

MARK	CONCRETE SIZE B. x T.D.	STRUCTURAL STEEL SIZE	CONCRETE REINFORCING BOTTOM	CONCRETE REINFORCING &SUPPORT TOP	CONCRETE REINFORCING &SUPPORT	STIRRUPS OR TIES	STIRRUP OR TIE SPACING FROM ENDS OF EACH SUPPORT & REMARKS
B-1	14"x14"	NONE	2-#8	SEE DIA	4-#7 2-#11	G-#3 U	10@3", 2@12"
B-1A	14"x14"	NONE	2-#8	2-#8 5'-0"	2-#8 5'-0"	G-#3 U	10@3", 2@12"
B-2	14"x14"	NONE	1-#8 2-#7				
B-3	14"x14"	NONE	2-#5	4-#6 17'-0"		NONE	
B-4	16"x16"	NONE	4-#6	2-#8 8'-0"	2-#8 8'-0"	NONE	
B-4A	16"x16"	NONE	4-#6	2-#8 8'-0"	2-#8 8'-0" 11½	NONE	
B-5	16"x16"	NONE	2-#7	SEE B-6	SEE B-6	NONE	
B-6	16"x16"	NONE	2-#5	2-#8 8'-0" 17'-0"		NONE	
B-7	16"x16"	NONE	2-#8	2-#8 8'-0"	2-#8 8'-0"	NONE	
B-8	16"x16"	NONE	2-#8	SEE B-9	SEE B-9	NONE	
B-8A	16"x16"	NONE	2-#8	SEE B-7	SEE B-7	NONE	
B-9	16"x16"	NONE	2-#5	2-#8 17'-0"		NONE	
B-10	14"x12"	NONE	3-#7	3-#7 17'-0"	3-#7 17'-0"	NONE	
B-10A	14"x12"	NONE	3-#7	SEE B-10	2-#8 11½	NONE	
B-11	14"x12"	NONE	3-#7	SEE B-12	SEE B-10	NONE	
B-12	14"x12"	NONE	2-#5	2-#8 5 #11 7'-0"		NONE	
B-13	12"x12"	NONE	3-#6	3-#6 17'-0"	3-#6 17'-0"	NONE	
B-13A	12"x12"	NONE	3-#6	SEE B-13	4-#6 2-#5 11½	NONE	
B-14	12"x12"	NONE	2-#7	SEE B-15	SEE B-13	NONE	
B-15	12"x12"	NONE	2-#5	3-#6 17'-0"		NONE	
B-16	9½"x16½"	EXISTING 12I-40.8	2-#4	2-#4		#3 U	SPACED 12"OC. THRUOUT
B-17	9½"x16½"	EXISTING 12I-40.8	2-#4	2-#4		#3 U	DO.
B-18	10"x19½"	EXISTING 15I-60.8	2-#4	2-#4		#3 U	DO.
B-19	9½"x16½"	EXISTING 12I-40.8	2-#4	2-#4		#3 U	DO.
B-20	9½"x16½"	EXISTING 12I-40.8	2-#4	2-#4		#3 U	DO.
B-21	10"x19½"	EXISTING 15I-60.8	2-#4			#3 U	12"O.C. THRUOUT
B-22	16"x14"	NONE	3-#9	3-#9 16'	2-#9 16'	14-#3 U	16@3", 6@4", 2@12"
B-23	7½"x10"	NONE	2-#5	NONE		NONE	
B-24	7½"x12"	NONE	2-#8	2-#8 5'-0"	2-#5 5'-0"	4-#3 U	10@3", 10@12"
B-25	9"x17"	NEW 12I-31.8	2-#4			#3 U	SPACED 12"OC. THRUOUT
B-26	9½"x12½"	NEW 8I-18.4	2-#4			#3 U	DO.
B-27	9"x15"	NEW 10I-25.4	2-#4			#3 U	DO.
B-28	14"x14"	NONE	3-#8	12" 4'-0"	4'-0" 2-#5 11½	NONE	
B-29	12"x14"	NONE	2-#7	12" 4'-0"	4'-0" 2-#5 11½	NONE	
B-30	10"x19½"	EXISTING 15I-10	2-#4			#3 U	SPACED 12"O.C. THRUOUT
B-31	10"x19½"	EXISTING 15I-42.9	2-#4			#3 U	DO.
B-32	10"x19½"	EXISTING 15I-60.8	2-#4			#3 U	DO.
B-33	12"x12"	NONE	3-#6	4" 2'-6" 4'-0"	2'-6" 4"	NONE	
B-34	10"x 12"	NONE	2-#8	4" 2'-6" 4'-0"	2'-6" 4"	NONE	
B-35	16"x14"	NONE	3-#9	12" 2'-6"	SEE B-7	4-#3 U	10@3", 10@4"
B-36	16"x14"	NEW 10I-25.4	2-#4			#3 U	SPACED 12"OC. THRUOUT
B-37	8"x12½"	NEW 8I-18.4	2-#4			#3 U	DO.
B-38	12"x14"	NONE	2-#6	12" 3'-0" 2'-6"	OVER 10I 2-#5 7'-0"	NONE	
B-39	12"x16"	NONE	2-#7	SEE B-38	SEE B-38 OVER 10I 2-#5 7'-0"	NONE	
B-40	7½"x14"	NONE	2-#5	12" 3'-0" 2'-6"	SEE B-40 OVER 10I 2-#5 7'-0"	NONE	
B-41	7½"x14"	NONE	2-#6	SEE B-40	SEE B-40	NONE	
B-42	8"x14"	NONE	2-#5	12" 3'-0" 2'-6"	SEE B-42	NONE	
B-43	8"x14"	NONE	2-#7	SEE B-42 2'-6" FROM 8 #5 FULL LENGTH	SEE B-42	NONE	
B-44	6½"x12"	NONE	2-#5	2-#5 6'-0"	2-#5 6'-0"	NONE	
B-45	6½"x12"	NONE	2-#5	2-#5 6'-0"	2-#5 6'-0"	NONE	
B-46	7½"x13"	NONE	2-#4	2-#4 3'-0"	2-#4 3'-0"	NONE	
B-47	9"x14½"	EXISTING 10I-25.4	2-#4	2-#4		#3 U	SPACED 12"O.C. THRUOUT
B-48	9"x14½"	EXISTING 10I-25.4	2-#4	2-#4		#3 U	DO.
B-49	12"x14"	NONE	2-#7	12" 2'-6"	2-#11 2'-6"	NONE	
B-50	8"x14"	NONE	2-#6	2-#8 5'-0"	2-#5 11½	NONE	
B-51	10"x20"	EXISTING 15I-60.8	2-#4	2-#4		#3 U	SPACED 12"O.C. THRUOUT
B-52	16"x18"	EXISTING 8I-18.4	4-#6	2-#8 8'-0"	2-#8 11½	#3 U	EXTENDS FROM WALL TO COL. 2
B-52A	16"x18"	EXISTING 8I-18.4	4-#6	2-#8 8'-0"	2-#8 11½	#3 U	SPACED 12"O.C. THRUOUT
B-53	16"x18"	EXISTING 8I-18.4	4-#6	2-#8		#3 U	DO.
B-53A	16"x18"	EXISTING 8I-18.4	4-#6	SEE B-53A	2-#8 11½	#3 U	DO.
B-54	16"x18"	EXISTING 8I-18.4	2-#5	2-#8 8'-0"	2-#8 11½	#3 U	DO.
B-55	12"x24½"	EXISTING 20I-65.4	2-#4	2-#4 17'-0" 2-#4 TOP		#3 U	DO.
B-56	16"x12"	NONE	3-#10	2-#8 BARS BEND 9"x9" 2-#7	2-#9	NONE	
B-57	12"x12"	NONE	4-#7	2-#5		4-#3 U	10@3", 10@12"
B-58	13"x18"	NONE	2-#9	12" 2'-6"	3'-0" 2'-6" 2.25 11½	6-#3 U	10@3", 10@3", 10@12"
B-59	13"x18"	NEW 10I-25.4	2-#4	2-#4		#3 U	SPACED 12"O.C. THRUOUT
B-60	16"x18"	NEW 10I-25.4	2-#6	SEE B-52A	SEE B-52	#3 U	DO.
B-61	16"x18"	NONE	2-#5	2-#9 17'-0"		#3 U	DO.
B-62	10"x16½"	EXISTING 15I-60.8	2-#4	2-#4		#3 U	DO.
B-63	14"x12"	NONE	3-#8	9" 2'-6" 4'-0"	4'-0" 2-#5 11½ 9"	6-#3 U	10@3", 10@12"
B-64	10"x20"	EXISTING 15I-42.9	2-#4	2-#4		#3 U	SPACED 12"O.C.- L.S. CLIP TO I BM. OVER JACKS
B-65	10"x20"	NEW 15I-42.9	2-#4	2-#4		#3 U	DO.
B-66	10"x19½"	NEW 15I-42.9	2-#4	2-#4		#3 U	REMOVE EXISTING 8I-18.4

STEEL BEAM BEARING PLATES

MARK	SIZE
BP-1	10" x ⅜" x 0'-10"
BP-2	12" x ⅜" x 1'-0"
BP-3	8" x ⅜" x 0'-8"
BP-4	10" x ⅜" x 1'-0"
BP-5	8" x ⅜" x 1'-0"

SLAB SCHEDULE

MARK	THICKNESS	BOTTOM REINFORCING SHORT WAY	BOTTOM REINFORCING LONG WAY	TOP REINFORCING AT SUPPORTS I.W. CONTIN.	TOP REINFORCING AT SUPPORTS I.W. DI/CONT.	TOP REINFORCING AT SUPPORTS L.W. CONTIN.	TOP REINFORCING AT SUPPORTS L.W. DI/CONT.
4A	4"	#4@12"	#3@15"	SEE ADJACENT SLAB			
4B	4"	#4@8"	#3@15"	#4@8" 15'-6"			
4C	4"	#4@9"	#3@15"	SEE ADJ. SLABS			
4D	4"	#4@10"	#3@15"	SEE ADJ. SLABS			
4E	4"	#4@5"	#3@12"	#4@5" 4'-9"	#4@5" 2'-6"		
4F	4"	#4@12"	#3@15"	1-#3 EACH NOSING			
4½A	4½"	#4@12"	#4@12"	#4@9" 3'-0"	#4@9" 2'-6"	#4@9" 3'-0"	#4@9" 2'-6"
4½B	4½"	#4@12"	#4@12"	#4@9" 8'-0"	#3@10" 6'-0"	SEE ADJ. SLABS	
4½C	4½"	#3@12"	#3@15"	#4@9" 17'-0"		#3@12" 8'-0"	#3@15" 6'-0"
4½D	4½"	#4@7"	#3@15"				
4½E	4½"	#4@10"	#4@10"	#4@8" 6'-0"	#3@8" 4'-0"	#4@8" 5'-0"	#3@8" 4'-0"
5½A	5½"	#4@6"	#3@12"	#4@6" 4'-9"	#3@12" 3'-0"	#4@6" 4'-9"	#3@12" 3'-0"

COLUMN SCHEDULE

COLUMN NUMBER / STORY	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20.	15	A1 A10	A2 A9	21, 22 23, 24
2ND 2ND FLOOR	8"H COLUMN	8"H COLUMN			
1ST 1ST FLOOR	8"H COLUMN	8"H COLUMN	NEW 8WF24 10"x12"C.F.R. 14-#5 VERT. #3 TIES@12"	UNDERSIDE OF SHUTTING 15.2 (SEE DETAIL) NEW 8WF24 10"x12"C.F.R. 4 #5 VERT. #3 TIES@12"	
BASEMENT	NEW CONCRETE PAD 30"x30" SEE DETAIL EXISTING BRICK PIER 30"x30"	8"H COLUMN 16"x24" 4-#7 VERT. #3 @12" O.C. SEE DETAIL	70# NEW 8WF24 10"x12"C.F.R. 4-#5 VERT. #3 TIES@12" SEE DETAIL	70# NEW 8WF24 10"x12"C.F.R. 4-#5 VERT. #3 TIES@12" SEE DETAIL	EXISTING CAST IRON 8" I BEAM ENCASED IN NEW CONCRETE 16"x16" 4 #5 VERT. #3 TIES@12" SEE DETAIL
BASE PLATE			12"x1"x1'-0"	12"x1"x1'-0"	
FOOTING			3'-6"x3'-6"x16" 7-#6 E.W.	3'-6"x3'-6"x16" 7-#6 E.W.	

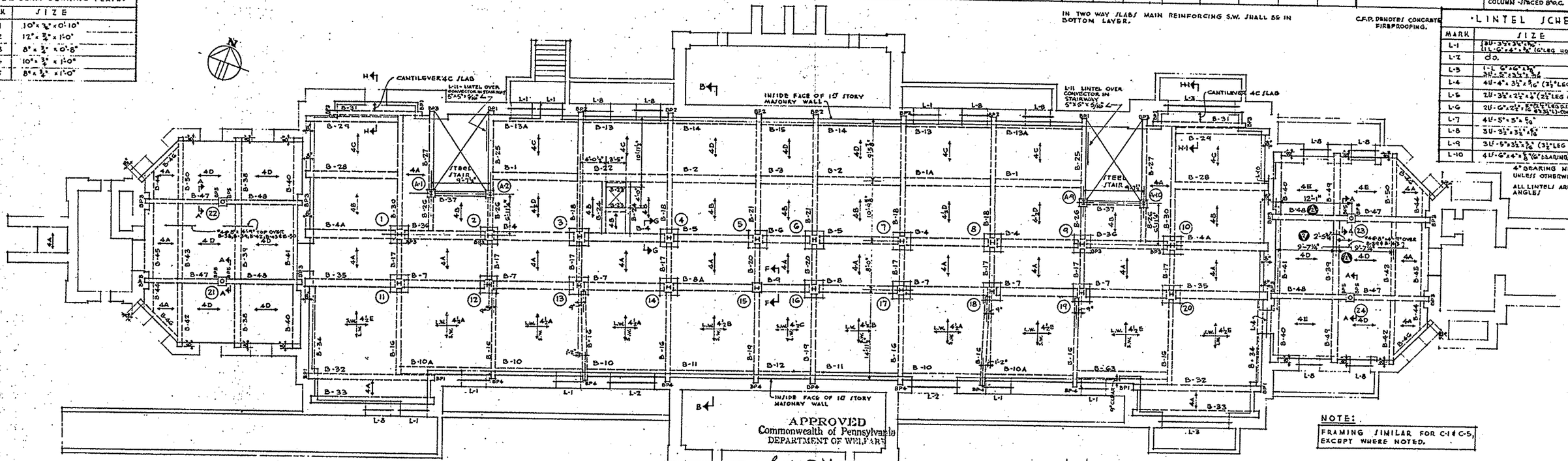
COLUMNS A1, A2, A9 & A10 HAVE 12"x¾"x1'-0" STEEL LEVELLING PLATE/ SET ON 1" CEMENT GROUT. TOP OF LEVELLING PL. 6" BELOW TOP OF BASMT. FLOOR SLAB. 2-3/4" x 1'-6" PLUG 3" HOOK ANCHOR BOLTS/ EACH COLUMN/ SPACED 8'0" C.

LINTEL SCHEDULE

MARK	SIZE
L-1	{3½"-3½"x3½"x5/16" 11'-6"x4"x5/16" (6" LEG HORIZ.)
L-2	do.
L-3	1-L 6"x6"x⅜" 3½"-5"x3½"x5/16"
L-4	4½"-4"x 3½"x 5/16" (3½" LEGS O.K.)
L-5	2½"-3½"x 2½"x ¼" (2½" LEG O.K.)
L-6	2½"-6"x 2½" 8'-0" L LEGS O.K./ 5½" FROM 6"x3½"x½" CONN. TO EXIST. COL.
L-7	4½"-5"x 3½"x 5/16"
L-8	3½"-3½"x 3½"x 5/16"
L-9	3½"-5"x3½"x ⅜" (3½" LEG O.K.)
L-10	4½"-6"x4"x ⅝" (6" BEARING) (4" LEG O.K.)

4" BEARING MINIMUM UNLESS OTHERWISE NOTED

ALL LINTELS/ ARE L'S OR 8 ANGLES



IN TWO WAY SLABS MAIN REINFORCING S.W. SHALL BE IN BOTTOM LAYER.

C.F.P. DENOTES CONCRETE FIREPROOFING.

NOTE:
FRAMING SIMILAR FOR C-1 & C-5, EXCEPT WHERE NOTED.

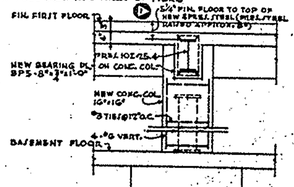
FIRST FLOOR FRAMING PLAN

SCALE: 1/8"=1'-0"

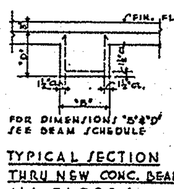
NOTES FOR FIRST FLOOR CONSTRUCTION

PRESENT FIRST FLOOR /STEEL BEAMS/ ARE TO BE RAISED FROM PRESENT LEVEL TO NEW LEVEL (APPROXIMATELY 8" HIGHER), WITH TOPS OF STEEL BEAMS/ 5½" FROM FINISHED FIRST FLOOR. NEW POCKETS/ ARE TO BE CUT IN PRESENT BEARING WALL/ TO PERMIT PLACING OF PRESENT BEAMS/ & NEW BEARING PLATES/ AT NEW LEVEL. PORTIONS/ OF OLD POCKETS/ REMAINING UNDER BEAMS/ ARE TO BE FILLED IN SOLID WITH CONCRETE, OR WITH BRICK LAID IN CEMENT MORTAR, TO GIVE SOLID UNIFORM BEARING UNDER BEARING PLATES/. PORTIONS/ OF POCKETS/ ABOVE BEARING PLATES/ ARE TO BE FILLED IN SOLID WITH CONCRETE OR BRICK LAID IN CEMENT MORTAR, THE TOP ½" TO BE FILLED WITH A STIFF MIX OF 1:3 CEMENT MORTAR, HAMMERED INTO PLACE WITH A WOODEN HAMMER. PARTICULAR ATTENTION IS TO BE GIVEN TO THE PACKING OF BEAM POCKETS/ IN INTERIOR & EXTERIOR PIERS/ CARRYING BEAMS/, WHERE NEW OPENINGS/ ARE TO BE CUT IN ONE SIDE OR BOTH SIDES/ OF THE PIER, TO MAINTAIN FULL BEARING AREA OF PIER.

NOTE:
ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE.

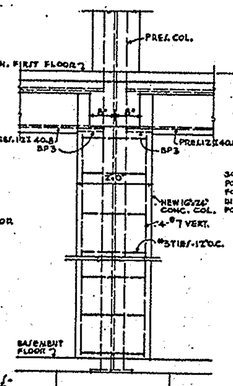


SECTION "A-A"
SCALE: ½"=1'0"

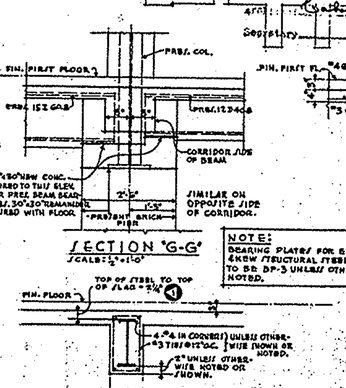


FOR DIMENSIONS "A" & "B" SEE BEAM SCHEDULE

TYPICAL SECTION THRU NEW CONC. BEAMS/ - ALL FLOORS/



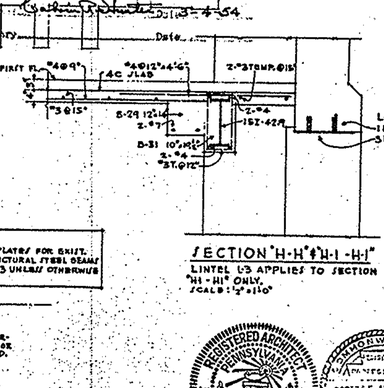
SECTION "F-F"
SCALE: ½"=1'0"



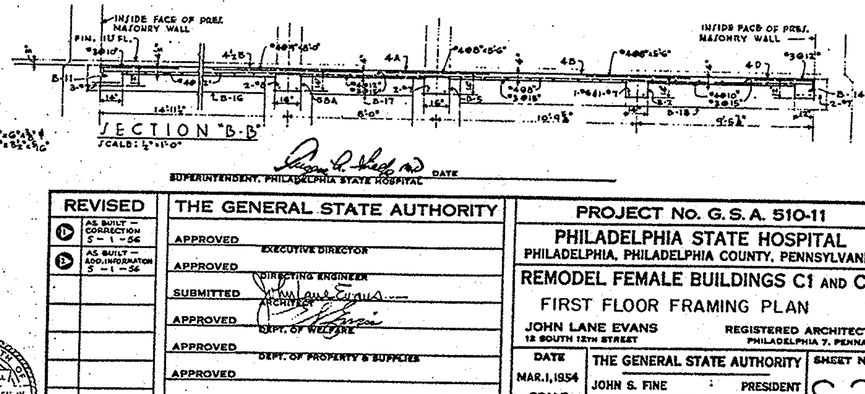
SECTION "G-G"
SCALE: ½"=1'0"

NOTE:
BEARING PLATES/ FOR SHIT. & NEW /STRUCTURAL STEEL BEAMS/ TO BE BP-3 UNLESS OTHERWISE NOTED.

TYPICAL SECTION THRU PRES./ STEEL BEAMS/ - ALL FLOORS/



SECTION "H-H" & "H-1 - H-1"
LINTEL L-3 APPLIES TO SECTION "H1 - H1" ONLY.
SCALE: ½"=1'0"



SECTION "B-B"
SCALE: ½"=1'0"

Approved: Commonwealth of Pennsylvania, Department of Welfare — Date 3-4-54 — Secretary

Approved: [signature] DATE — SUPERINTENDENT, PHILADELPHIA STATE HOSPITAL

REVISED	
D	AS BUILT — CORRECTION 5 - 1 - 56
D	AS BUILT — ADD. INFORMATION 5 - 1 - 56

THE GENERAL STATE AUTHORITY

APPROVED	EXECUTIVE DIRECTOR
APPROVED	DIRECTING ENGINEER
SUBMITTED	ARCHITECT
APPROVED	DEPT. OF WELFARE
APPROVED	DEPT. OF PROPERTY & SUPPLIES
APPROVED	
ACCEPTED	CONTRACTOR BY
ACCEPTED	CONTRACTOR BY
ACCEPTED	CONTRACTOR BY

PROJECT No. G.S.A. 510-11

PHILADELPHIA STATE HOSPITAL
PHILADELPHIA, PHILADELPHIA COUNTY, PENNSYLVANIA

REMODEL FEMALE BUILDINGS C1 AND C5

FIRST FLOOR FRAMING PLAN

JOHN LANE EVANS — REGISTERED ARCHITECT
12 SOUTH 12TH STREET — PHILADELPHIA 7, PENNA.

DATE	THE GENERAL STATE AUTHORITY	SHEET No.
MAR. 1, 1954	JOHN S. FINE : PRESIDENT	S-2
SCALE 1/8" = 1'-0" AS NOTED	JOHN N. FORKER-EXECUTIVE DIRECTOR	
	HARRISBURG, PENNSYLVANIA	

CHECKED FOR G.S.A.

SUPV. ARCH.	ARCH.	STRUCT.	MECH.	ELEC.
JOR 4/6/54		VPC 4/1/54		