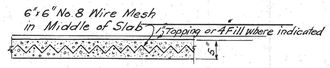


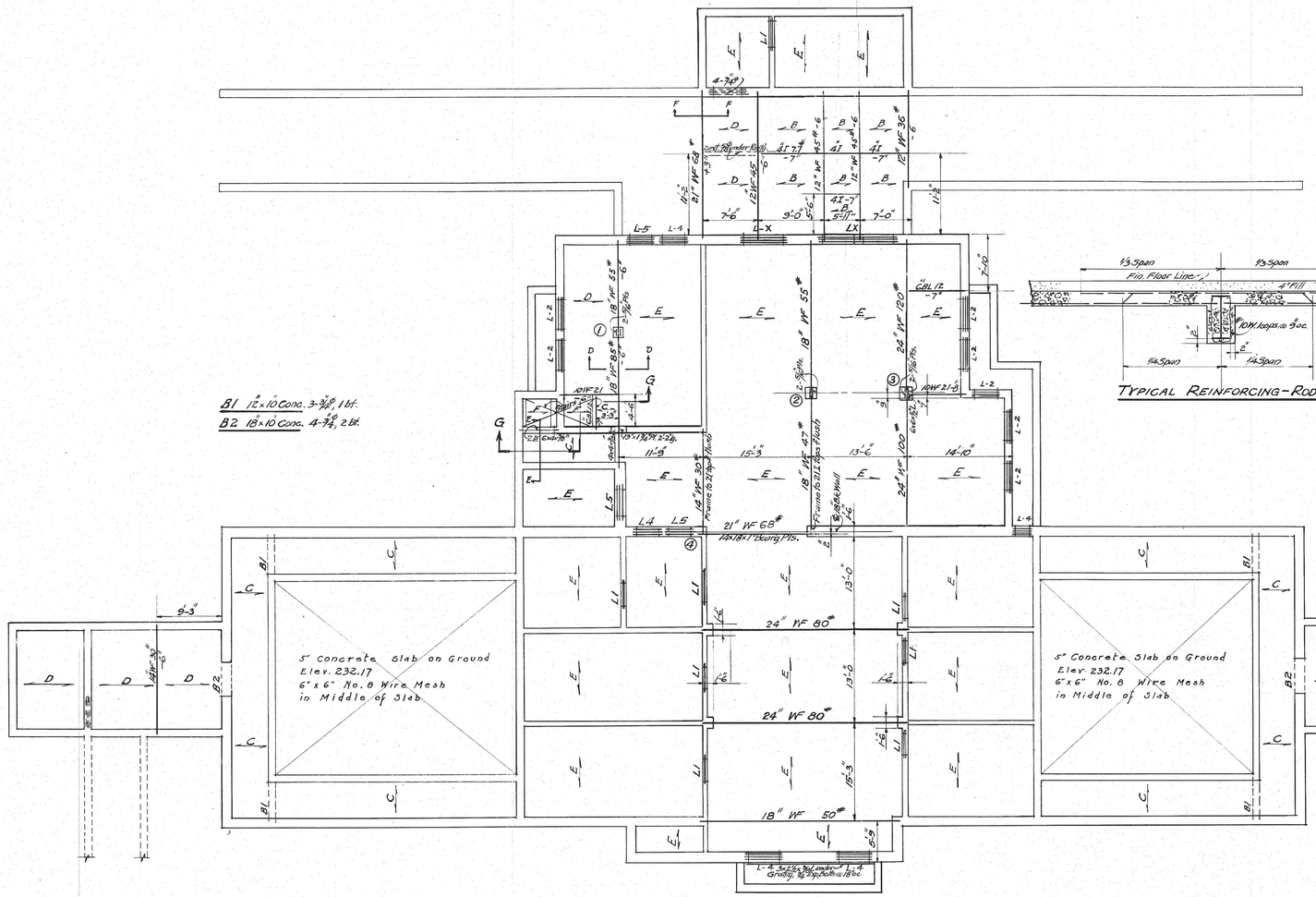
TYPICAL SLAB ON GROUND

Scale 3/4" = 1'-0"

SLAB SCHEDULE								
Mark	Thickness	Main Reinforcing				Temp. Reinforcing		Remarks
		No.	Size	Str. Bent	Spacing	Size	Spacing	
A	3 1/2"		3/8" ϕ		6"	3/8" ϕ	18"	Alt. Rods Bent
B	4"		1/2" ϕ		7"	do	do	do
C	4"		3/8" ϕ		6"	do	do	do
D	5"		1/2" ϕ		6"	do	do	do
E	6"		5/8" ϕ		7"	do	do	do
F	4 1/2"		1/2" ϕ		6"	do	do	do

GENERAL NOTES

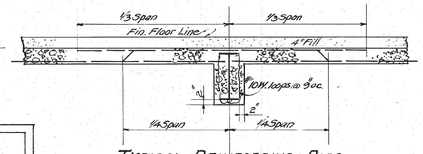
1. Tops of all steel beams to be 6" below finished Floor unless otherwise shown or noted.
2. All steel beam Connections shall be the equivalent of Bethlehem Std 1935 unless otherwise shown. All field Connections to have 7/8" rivets, open holes 15/16".
3. All Lintels shall have at least 6" bearing at the ends on Walls. Beam and Channel Lintels to have 12" bearings.
4. Anchor Angles 4"x3"x5/16" to be riveted to the Ends of all wall-bearing Beams and Channels. All Beams and Channels bearing on Walls and masonry Columns to have Std. Bearing Plates unless otherwise shown or noted.
5. All Openings in 4" and 6" T.C. Partitions to have 4" or 6" U respectively and F flat, unless otherwise shown or noted. Lintels over Openings at Interior 8" and 13" Brick Walls to be 2 Ls 4"x3"x3/8" unless otherwise shown or noted.
6. Before any work is commenced, complete Shop Drawings must be prepared and submitted to the Municipal Architect for his Approval, including setting Plans of each Floor showing the arrangement of Beams, Slabs etc, location of all Rods together with their bends and Supports. Each Submission must consist of at least one Complete Floor.
7. Alternate Rods in Conc. Slabs and bent Rods in Beams shall be bent up at the 1/4 Span and carried to the 1/3 Point of adjacent Spans, for Continuous Spans only. For semi-continuous Spans they shall be bent up at the 1/4 Span at the free End. For Simple Spans they shall be bent up at the 1/4 span at each End. Temperature reinforcing shall be 3/8" ϕ rods @ 18" o.c. at right angles to the main reinforcing for slabs.
8. All Rods must be supported on approved metal chairs of various shapes to suit all elevations of Rods, spaced not over 5'-0" o.c. All slab-rods must be wired together at alternate intersections.
9. All concrete beams to have at least 9" bearing on Walls and Slabs to have at least 4" end bearing on Walls.
10. All concrete Walls to be reinforced with 1/2" ϕ rods @ 12" o.c. unless otherwise shown or noted.
11. All steel beams below 1st Floor Line to be fireproof with 2" Concrete unless otherwise shown or noted.
12. All Sleeves for Pipes etc., and boxes for Ducts must be in place before any Concrete is poured, as the cutting of holes in Floors after concrete has set will not be permitted.
13. Forms for Concrete Columns shall be held together by approved heavy iron clamps spaced not over 2'-0" o.c.
14. Concrete for Beams, Columns, Slabs, Retaining-Walls and reinforced-Footings to be 1:2:4 mix with coarse aggregate uniformly graded from 1/4" to 3/4".
15. Concrete for plain Footings and Piers to be 1:2 1/2:5 mix with coarse aggregate graded uniformly from 3/4" to 2".



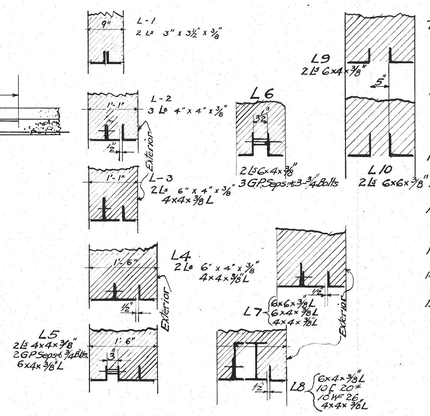
FIRST FLOOR FRAMING PLAN

Scale 1/8" = 1'-0"

EL. 232.50

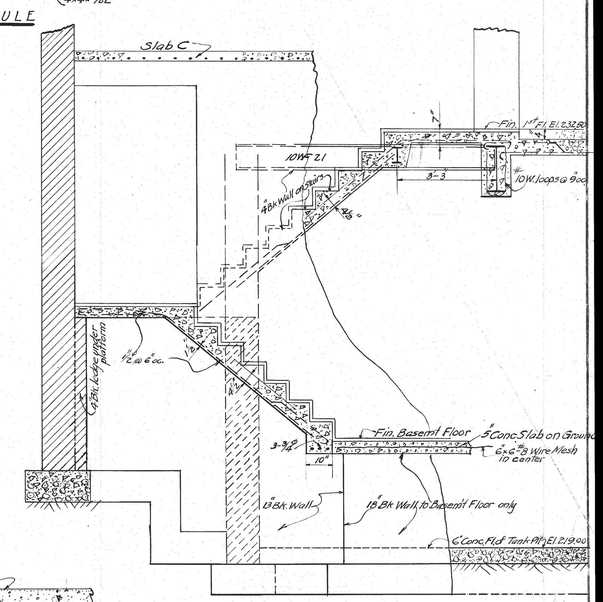


TYPICAL REINFORCING-RODS



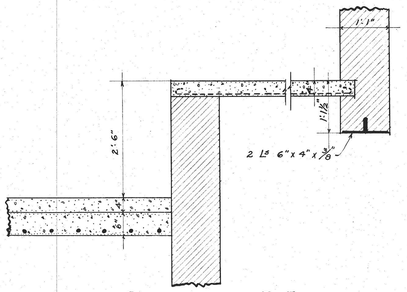
LINTEL SCHEDULE

Scale 3/4" = 1'-0"

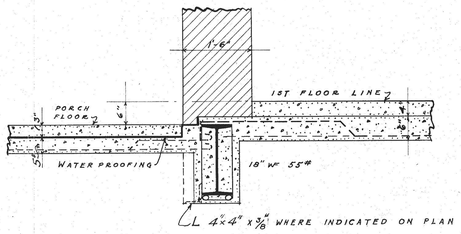


SECTION G-G

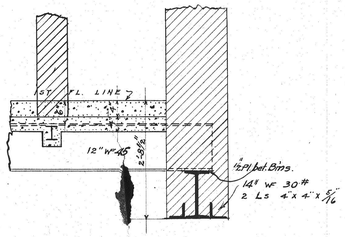
Scale: 1/2" = 1 Ft.



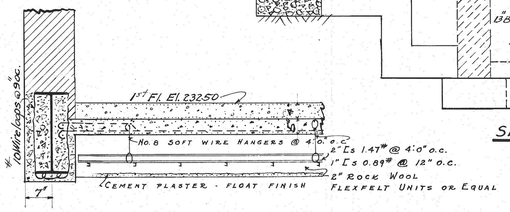
SECTION - E-E



SECTION - D-D



LINTEL - L-X



SECTION - F-F

APPROVED BY THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA SITTING AS A BOARD

SECRETARY.

REVISIONS	WORK RECORD		
	DRAWN BY M	BUILDING · MESS HALL — WALLED GROUP.	FILE NO.
	TRACED BY S	LOCATION D.C. PENAL INSTITUTIONS — LORTON VA.	
	CHECKED BY C.I.P.	OFFICE OF MUNICIPAL ARCHITECT—WASHINGTON, D. C.	DRWG. NO.
	DATE	CHIEF OF ARCHITECTURAL DIVISION — DATE 7-17-36	5
	SHEET	CHIEF OF STRUCTURAL DIVISION — DATE 7-24-36	
		CHIEF OF MECHANICAL DIVISION — DATE 7-17-36	
		MUNICIPAL ARCHITECT — DATE 7-17-36	2