Installation Engineering Handbook 30
Western Electric Company, Incorporated
Service Division

Section 6V
8-31-72
Replaces: Section 6V
Dated: 6-21-56

LAYING OUT FLOORS

VERIFICATION OUTLINE

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1. GENERAL

1.1 Scope of Section

1.11 This section contains the verification items for the work performed in accordance with operations covered in Sections 6A, 6B, 6D, 6E and 6F.

1.111 Where practicable, the essentials of the requirements are included in the verification item. Where this is not practicable, a brief statement of the requirement appears as one or more subparagraphs of the verification item. In each case, a reference is made to the complete requirement.

1.2 Procedure

1.21 To prevent accumulative errors, verification items marked "P" should be verified before other operations are started.

VERIFICATION ITEMS AND BRIEF STATEMENT OR REQUIREMENTS	REFERENCE Sec.No.	Par.No.	Fig.No.
2. COMMON TO ALL OFFICES			
2.1 Room Dimensions			
2.11 (P) Actual room dimensions and reference point locations as represented on floor plan drawing.	6A	4.111	
2.2 Reference Lines			
→ 2.21 (P) Measurements taken from the correct reference points as shown on floor plan drawing.	6A	4.21	
→ 2.22 (P) Marked lines check with dimensions shown on floor plan drawing for cable holes and MDF cable slots.	6A	4.22	
→ 2.23 (P) On additions where other reference points are not accessible, marked lines check with dimensions shown on the floor plan drawing for cable holes or frames already in place.	6A	4.23	
→ 2.24 (P) Marked lines traced with a china pencil or felt tip marker.	6A	4.24	
→ 2.25 (P) Pencil lines covered with shellac or transparent cellophane tape (tape used on linoleum).	6A	4.25	
2.3 Lines for Locating Equipment			
→ 2.31 (P) End lines for bases of each lineup conforming with dimensions shown on floor plan; lines marked with a china pencil or felt tip marker.	6A	4.3101	

VERIFICATION ITEMS AND BRIEF STATEMENT OR REQUIREMENTS	REFERENCE Sec.No.	Par.No.	Fig.No.
→ 2.32 (P) Lines representing edge of guard rails conforming with dimensions shown on floor plan; placed approximately 6" beyond lines marking ends of bases; lines marked with a china pencil or felt tip marker.	6A	4.3102	
→ 2.33 (P) Lines representing edge of scringer of overframe cable rack to conform with dimension shown in proper handbook figure with respect to lines marking guard rails; placed approximately 6" beyond lines marking ends of bases; lines marked with a china pencil or felt tip marker.	6A	4.3102	1 to 5 (Fuse Bays and Relay Racks)
→ 2.34 (P) Chalk lines representing frame bases to conform with dimensions shown in proper handbook figure with respect to lines marking guard rails; lines marked for the entire lineup; base lines properly located with respect to cable hole locations shown on floor plan.	6A	4.3104 4.3107	1 to 5 (Fuse Bays and Relay Racks)
→ 2.35 (P) Base lines properly scored when laid out on linoleum; traced with a china pencil or felt tip marker where there is no linoleum.	6A	4.3108	
→ 2.36 (P) End lines representing bases of intermediate frames in lineup marked for same end for each frame in lineup; clearance between frames to conform with dimension shown on floor plan; lines marked with a china pencil or felt tip marker.	6A	4.3109	
→ 2.37 (P) Frame designations marked with a china pencil or felt tip marker; markings located so they will be covered by base or grouting.	6A	4.3110	
→ 2.38 All china pencil or felt tip markings covered with transparent cellophane tape; with orange shellac where there is no linoleum.	6A	4.3111	
→ 2.39 Where linoleum is removed and grouting not required, linoleum cut to fit closely around equipment.	6A	4.3112	
2.4 Expansion Bolt Holes			
→ 2.41 Expansion bolt holes for frames with detached base angles, located to conform with dimensions shown on assembly drawing with respect to end of base.	6A	4.41	
→ 2.42 Expansion bolt holes for frames having a welded base located to conform with dimensions shown on the proper H- drawing (Floor Angle Expansion Bolt Location).	6A	4.42	
3. NO. 1 AND NO. 4 TELL CROSSBAR OFFICES			
3.1 Room Dimensions			
3.11 Paragraph 2.11 applies.			
3.2 Reference Lines			
3.21 Paragraphs 2.21 to 2.25 apply.			
3.3 Lines for Locating Equipment			
3.31 Paragraphs 2.31 to 2.39 apply.	6B	4.1	2

	VERIFICATION ITEMS AND BRIEF STATEMENT OF REQUIREMENTS	REFERENCE Sec.No.	Par.No.	Fig.No.
3.4	Expansion Bolt Holes			
3.41	Expansion bolt holes located near each end of lineup intermediate bolt holes spaced not to exceed 10' centers.	6B	5.1	
4.	STEP-BY-STEP OFFICE			
4.1	Room Dimsneions			
4.11	Paragraph 2.11 applies.			
4.2	Reference Lines			
4.21	Paragraphs 2.21 to 2.25 apply.			
4.3	Lines for Locating Equipment			
4.31	Paragraphs 2.31 to 2.39 apply.			
4.4	Expansion Bolts			
4.41	Expansion bolt holes located properly for each hole provided in both angle and sheet metal bases.	6D	5.12, 5.21	
5.	MANUAL OFFICE (LOCAL AND TOLL)			
5.1	Lines for Locating Equipment			
5.11	Locate equipment to conform with dimensions shown on the floor plan drawing.	6E	4.1	
5.2	Lines for Locating Switchboards and Desks			
5.21	Switchboards and desks should be located in accordance with information on the floor plan drawing.	6E	5.1	
5.22	Where limiting dimensions are not specified locate equipment so as to insure workmanlike appearance.	6E	5.2	
6.	PANEL OFFICE			
6.1	Lines for Locating Equipment			
6.11	Locate equipment to conform with the dimensions shown on the floor plan drawing.	6F	4.1	

→ Arrowed lines indicate new or changed information.

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Reason for Reissue:
To include new information contained in Section 6A of this handbook.