



SECTION 26 05 34 - FLOOR BOXES FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes floor boxes; floor box service fittings; poke-through fittings; and access floor boxes.

1.2 SUBMITTALS

- A. Product Data: Submit catalog data for floor boxes service fittings.

1.3 DESIGN REQUIREMENTS

- A. Pedestal type and poke thru type boxes are not allowed without written LAWA approval.
- B. The specified material for the floor box cover shall be aesthetically compatible with the adjacent floor finish and be approved by LAWA.

PART 2 - PRODUCTS

2.1 FLOOR BOXES

- A. Manufacturers:
 - 1. Wiremold Co.**
 - 2. Walker, Inc.**
 - 3. Hubbell.**
- B. Floor Boxes: NEMA OS 1.
- C. Adjustability: Fully adjustable or semi-adjustable.
- D. Material: Cast metal or Formed steel.

2.2 FLUSH-COVER-TYPE FITTINGS

- A. Manufacturers:
 - 1. Wiremold Co.**
 - 2. Walker, Inc.**
 - 3. Hubbell.**



- B. Material: Aluminum or Brass. Material for covers shall be aesthetically compatible with the adjacent floor finish and must be approved by LAWA prior to ordering.

2.3 FLUSH-COVER-SERVICE FITTING ACCESSORIES

- A. Protective Ring: Aluminum or Brass finish.
- B. Split Nozzle: Aluminum or Brass finish.
- C. Carpet Ring: Aluminum or Brass.

2.4 ACCESS FLOOR BOX

- A. Manufacturers:
 - 1. Wiremold Co.**
 - 2. Tate.**
 - 3. Thomas & Betts.**
- B. Product Description: Sheet metal box suitable for mounting in access floor system.

PART 3 - EXECUTION

3.1 EXISTING WORK

- A. Disconnect abandoned service fitting devices and remove service fittings. Install blank cover for abandoned floor boxes not removed.
- B. Maintain access to existing floor boxes remaining active and requiring access. Modify installation or provide access panel.
- C. Extend existing service fitting installations using materials and methods as specified.

3.2 INSTALLATION

- A. Boxes and fittings are indicated on Drawings in approximate locations unless dimensioned. Adjust box location up to 10 feet to accommodate intended purpose.
- B. Floor Box Requirements: Use cast floor boxes for installations in slab on grade; formed steel boxes are acceptable for other installations.
- C. Set floor boxes level. Most of the existing floors within the terminals are not level. Align all new floor boxes totally flush with the adjacent floor finish on all sides.
- D. Install boxes and fittings to preserve fire resistance rating of slabs and other elements.



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- E. In order to avoid severing any existing structural reinforcement, use ground penetrating radar to survey the existing concrete slab before cutting or drilling any new floor penetrations.
- F. When aligning floor boxes note that most of the existing floor within the terminals are not level. Align all new floor boxes totally flush with the adjacent floor finish on all sides.

END OF SECTION 26 05 34