Fire Classified boxes for upper levels/floors

legrand®

WIREMOLD®

RFB® Series Fire Classified Floor Boxes

Floor Boxes That Restore & Maintain Floor Fire Ratings

Legrand® takes Resource RFB® Series Floor Boxes to the next level with the introduction of four recessed style floor box models that meet or exceed UL Fire Classification requirements. Available in 2-gang and 4-gang versions. These floor boxes preserve the two-hour and three-hour fire rating of floors in which they have been installed and are a favored industry solution for getting power, communication, and audio video services into open spaces. These new boxes also accept existing cover plate and service fitting offerings.

When properly installed, Fire Classified Floor Boxes save time and money for general contractors and installers by eliminating the need for spraying to fireproof floors. They also eliminate the guesswork for inspectors and provide reassurance for building owners and property managers by meeting or exceeding the UL Fire Classification Standards for Floor Boxes.

Resource RFB Series Fire Classified Floor Boxes maintain up to a three-hour fire rating and are available in two- and 4-gang versions.

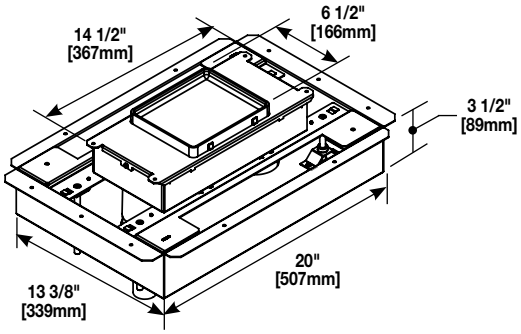
FEATURES & BENEFITS

- **Maintains fire classification of fire rated floors.** Fire rated floor boxes preserve up to a three-hour fire rating for floors in which they are installed. Eliminates the need to install additional fireproofing to underfloor surfaces to restore the floor's fire rating.
- **UL Listed and UL Fire Classified to U.S. and Canadian safety standards for tile and terrazzo.** Standard fire rating provides peace of mind for building owners, general contractors, installers, and inspectors that building floors will meet safety guidelines for occupants. Includes the UL requirements under UL514A and UL514C for the scrub water exclusions test for carpet, tile and wood floors and UL263 for fire rating.
- **Fully adjustable boxes**. Each floor box model is adjustable both before and after the concrete pour. Adjustability reduces installation errors and reduces labor and installation costs by adapting to various pour depths and conditions.
- **Triple service.** Accommodates power, communication and/or audio/video devices reducing the need for multiple boxes.
- **Provide more services to open space environments.** Fire rated floor boxes provide multiple service and capacity options and can be installed 2 feet on center for increased accessibility to services for occupants.
- **Available in two- and four-gang versions in both flush and recessed models.** Dividers can be removed in several models for greater capacity and to provide multiple configuration options for multi-service installations.
- **Accepts existing covers.** Allows for a consistent aesthetic finish.
- **TopGuard Protection.** Integral design components that prevents water, dirt and debris from entering power and communication compartments. Whenever you see the TopGuard protection icon on any Wiremold product, you'll know it meets and exceeds UL scrub water exclusion requirements for tile, wood covered, polished concrete, terrazzo and carpet floors.
- **Communication connectivity options.** Accepts industry standard and proprietary devices from a wide range of manufacturers to provide a seamless and aesthetically pleasing interface for voice, data, audio, and video applications at the point-of-use. A wide selection of data and adapter options are available for use with Ortronics® TracJack and Series II devices.

TOP GUARD™ **Protection from water, dirt, and debris.**

Fire Classified RFB2™ Series Multi-Service Steel Recessed Floor Box Ordering Information

Catalog No./Item	Description/Specifications
RFB2S-FC	**Fire Classified Two-Compartment Box – For use in either concrete or wood floors.** Fully adjustable with tunnel compartment. Supplied with one (1) duplex receptacle, mounting plate, and one (1) communication mounting plate (RFB22AB). Other device plates sold separately. **Country of Origin: USA**

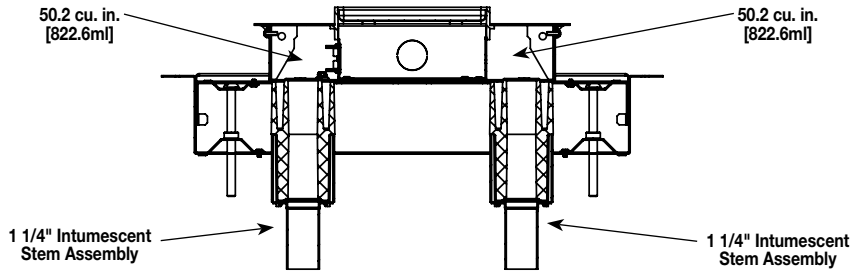


NOTE: Two-hour fire classified floor box.

For use in concrete pours ranging from 2" [51mm] to 5" [127mm] maximum pour depth.

Floor Box spacing 2' on center and one for every 4 square feet in a span.

Four (4) #12 AWG Type THHN Power Conductors or 48 #23 AWG (6 Cat. 6) Communication Conductors per gang.



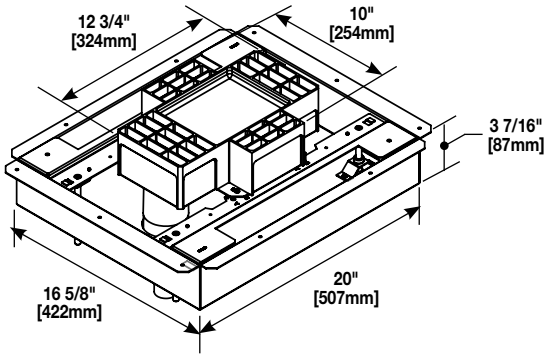
NOTE: UL Listed for terrazzo, polished concrete, wood, tile, and carpet covered concrete floors.

All cover assemblies for the RFB2S-FC Series Floor Box have TopGuard protection.

TOP GUARD™

Fire Classified RFB4™ Series Multi-Service Steel Recessed Floor Box Ordering Information

Catalog No./Item	Description/Specifications
RFB4S-FC	**Fire Classified Four-Compartment Box** – Includes four duplex receptacle brackets. 12 3/4" L x 10" W x 3 7/16" D [324mm x 254mm x 87mm]. Fully adjustable. **Tunneling from adjacent compartments only, (not cross compartments).** Tunneling can be set to feed all four compartments from one conduit in a single-service application.



Country of Origin: USA

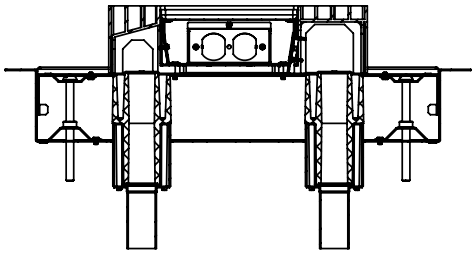
NOTES: **Two-hour fire classified floor box.**

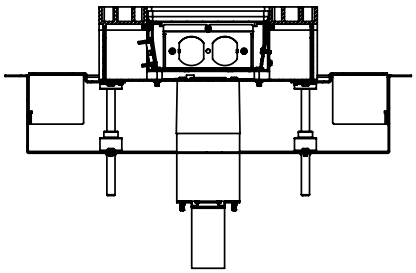
For use in concrete pours ranging from 2" [51mm] to 5" [127mm] maximum pour depth.

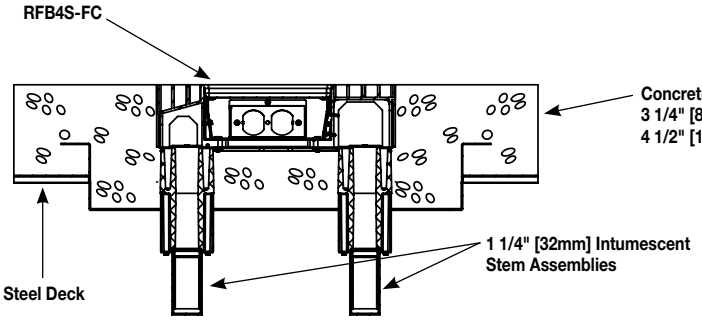
Floor Box spacing 2' on center and one for every 4 square feet in a span.

Four (4) #12 AWG Type THHN Power Conductors or 48 #23 AWG (6 Cat. 6) Communication Conductors per gang.

All boxes and activations are sold separately.

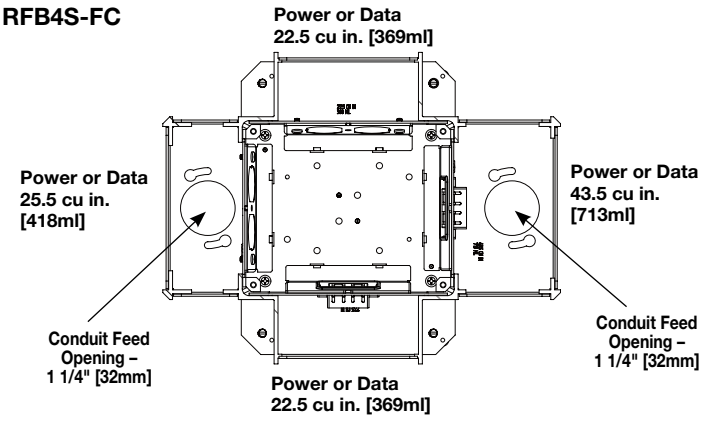


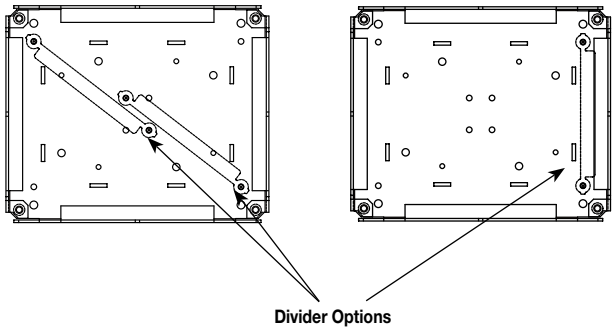




Fire Classified RFB4S-FC Series Compartment Capacities, Knockout Locations and Sizes

RFB4S-FC



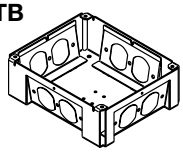
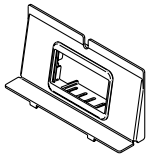
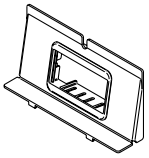
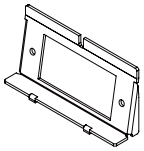


NOTE: UL Listed for terrazzo, polished concrete, wood, tile, and carpet covered concrete floors.

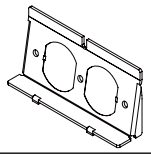
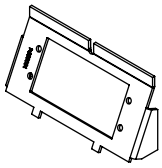
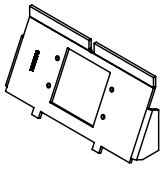
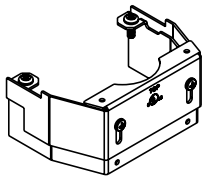
All cover assemblies for the RFB4S-FC Series Floor Box have TopGuard protection.

TOP GUARD™

Fire Classified RFB4 Series Multi-Service Steel Recessed Floor Box Accessories

Catalog No./Item	Description/Specifications
RFB-WTB 	**Conversion Kit** – Converts RFB4 Box to a RFB4-4DB Box. **Country of Origin: USA**
WTB-2-AB 	**Communication Bracket** – One Wiremold CM2 Open System inserts sold separately. **Country of Origin: USA** **NOTE: For use with RFB4-4DB.**
WTB-2-RT 	**Communication Bracket** – Ortronics® AB2TJ TracJack and ABS2 Series II adapters included. **Country of Origin: USA** **NOTE: For use with RFB4-4DB.**
RFB-GFI-4DB 	**Internal GFCI or Decorator Style Receptacle Opening** – Accepts standard GFCI or Decorator Style Receptacles, Communication or Audio/Video Devices. **Country of Origin: USA** **NOTE: For use with RFB4-4DB.**

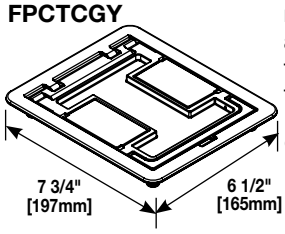
Additional configurations are available. Please consult your Wiremold Field Sales Representative for more information.

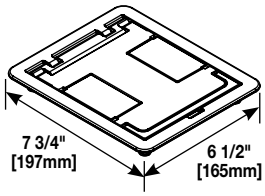
Catalog No./Item	Description/Specifications
RFB-DR-4DB 	**Internal Duplex Receptacle Bracket** – Accepts 15 Amp and 20 Amp duplex receptacles. **Country of Origin: USA** **NOTE: For use with RFB4-4DB.**
WTB-AAP 	**Internal Audio Video Bracket** – Accepts two (2) Legrand AVIP device plates or Extron® Electronics AAP Series devices. (Sold separately.) **Country of Origin: USA** **NOTE: For use with RFB4-4DB.**
WTB-MAAP 	**Internal Audio Video Bracket** – Accepts two (2) Legrand AVIP device plates or Extron® Electronics MAAP Series devices. (Sold separately.) **Country of Origin: USA** **NOTE: For use with RFB4-4DB.**
RFBKIT 	**Barrier Kit** – Barrier kit used to separate power and communication wires in partition feed covers. Supplied with base and three extensions to adjust to cover height. Kit should be used on RFB2, RFB2-OG, RFB2-SS, RFB4 and RFB4-SS Floor Boxes. Kits are sold separately. **Country of Origin: USA**

FLOORPORT PART NUMBER CONFIGURATOR

FP	B		TC		NK		NA	
FloorPort Cover	Blank Top	B	Tile (Flangeless)	T	Nickel	NK	North American Made	NA
	Cutout Top	C	Tile/Carpet (Flanged)	TC	Brass	BS		
	Furniture Feed	FF			Black	BK		
					Bronze	BZ	(Optional)	
					Gray	GY		
					Brushed Aluminum	AL		

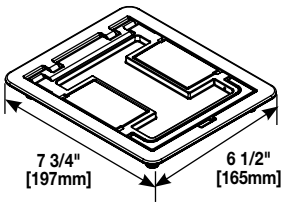
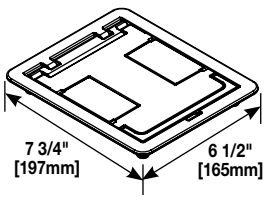
FloorPort™ Series Flanged Cover Assemblies Ordering Information

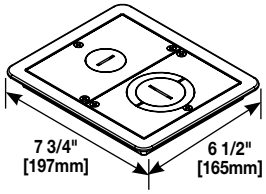
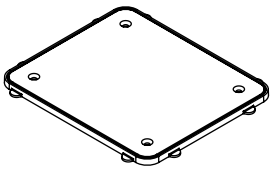
Catalog No./Item	Description/Specifications
FPCTCBK **FPCTCBZ** **FPCTCBS** **FPCTCNK** **FPCTCAL** **FPCTCGY**	**Cutout Cover Assembly –** Flanged cover for use in tile or carpet installation. Die-cast aluminum assembly available in black (BK), bronze (BZ), brass (BS), nickel (NK), gray (GY), or brushed aluminum (AL). Insert in lid allows for carpet or tile cutouts to match finished floor.  **Country of Origin: India**

Catalog No./Item	Description/Specifications
FPBTCBK **FPBTCBZ** **FPBTCBS** **FPBTCNK** **FPBTCAL** **FPBTCGY**	**Blank Cover Assembly –** Flanged cover for use in tile or carpet installation. Die-cast aluminum assembly available in black (BK), bronze (BZ), brass (BS), nickel (NK), gray (GY), or brushed aluminum (AL). Lid area is flush with the finished floor, no cutouts provided.  **Country of Origin: India**

Same cover for both RFB2 & RFB4-FC units

North American Made FloorPort Series Flanged Cover Assemblies Ordering Information

Catalog No./Item	Description/Specifications
FPCTCBK-NA **FPCTCBZ-NA** **FPCTCBS-NA** **FPCTCNK-NA** **FPCTCGY-NA**	**Cutout Cover Assembly –** Flanged cover for use in tile or carpet installation. Die-cast aluminum assembly available in black (BK), bronze (BZ), brass (BS), nickel (NK), or gray (GY). Insert in lid allows for carpet or tile cutouts to match finished floor.  **Country of Origin: USA**
FPBTCBK-NA **FPBTCBZ-NA** **FPBTCBS-NA** **FPBTCNK-NA** **FPBTCGY-NA**	**Blank Cover Assembly –** Flanged cover for use in tile or carpet installation. Die-cast aluminum assembly available in black (BK), bronze (BZ), brass (BS), nickel (NK), or gray (GY). Lid area is flush with the finished floor, no cutouts provided.  **Country of Origin: USA**

Catalog No./Item	Description/Specifications
FPFFTCBK **FPFFTCBZ** **FPFFTCBS** **FPFFTCNK** **FPFFTCAL** **FPFFTCGY**	**Furniture Feed Cover Assembly –** Flanged cover for use in tile or carpet installation. Die-cast aluminum assembly available in black (BK), bronze (BZ), brass (BS), nickel (NK), gray (GY), or brushed aluminum (AL). Provided with one 1" trade size screw plug for power or communication type cabling and one combination 1 1/4" and 2" trade size screw plug for communication type cabling. Allows for feeding both power and communication cabling.  **Country of Origin: USA**
FP-CTR	**Bare Concrete & Terrazzo Ring –** Nonmetallic ring for use on polished concrete and terrazzo floor applications.  **Country of Origin: USA**

LOAD CAPACITIES FOR FLOORPORT COVER ASSEMBLIES	
CATALOG NUMBERS	MAXIMUM LOAD IN POUNDS
FPCTC	1000
FPBTC	750
FPFFTC	1000

NOTE: Load applied through a 2" [51mm] mandrel in center of service fitting. Loads above are static loads only and do not pertain to rolling loads.

NOTE: Pricing varies depending on country of origin. Consult your local sales representative for more information.

NOTE: UL Listed for terrazzo, polished concrete, wood, tile, and carpet covered concrete floors.

All cover assemblies for the RFB4S-FC Series Floor Box have TopGuard protection.

TOP GUARD™

WM TAO & ASSOCIATES
CONSULTING ENGINEERS

Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: July 27, 2016

Attention: **stl-cac@cannondesign.com**

Contact Person / WTA Field Inspector: Patrick Garner

Project Name: Webster University-**ISB**

Reviewed by: Bill Shaw

Project No. WT 14127.01

☐ UPS ☐ Courier ☒ **Email**

Copies	No.	Description
1 PDF	261300E04	(Submittal No. 261300-004)
		• Floor Boxes Product Data

Remarks:

c: **Kelvin Patel**
Kpatel@cannondesign.com

☒ **Furnish as Submitted** ☐ Furnish as Noted

☐ Rejected ☐ Revise & Resubmit

☐ Reviewed ☐

Corrections or comments made on shop drawings during this review do not relieve contractor from compliance with requirements of drawings and specifications. This check is only for review of general conformance with the design concept of project and general compliance with information given in contract documents. Contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating his work with that of all other trades; and performing his work in a safe and satisfactory manner.

7955 Manchester Road, Suite 125 • St. Louis, Missouri 63143-2711 • Phone: 314-884-7600 • Fax: 314-884-7601

If enclosures are not as noted, please notify us at once.

Sara Trout (314) 884-7645

WTASHOP - Webster ISB - 26 1300-004

From: STL-CAC <STL-CAC@CANNONDESIGN.COM>
To: 'Patrick Garner' <pgarner@wmtao.com>, WTASHOP <wtashop@wmtao.com>
Date: 7/15/2016 3:46 PM
Subject: Webster ISB - 26 1300-004
Cc: "Patel, Kelvin" <kpatel@CANNONDESIGN.COM>
Attachments: 261300-004 floor boxes product data.pdf

Attached for review.

Melissa Pirtle
Construction Admin
CANNONDESIGN
1100 Clark Ave
St. Louis, Missouri 63102
T 314.425.8797 • M
cannondesign.com

CANNONDESIGN

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

DEVIN D GATES
SUBMITTED BY

261300-004
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

261300
SPECIFICATION SECTION / PARAGRAPH

Guarantee
MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

◯ CRITICAL

ITEM BEING SUBMITTED (check only one)

- ◯ Shop Drawings
- ◯ Samples (_____ copies)
- ◯ LEED Submittal
- ◯ Certification / Qualifications
- ◉ Record Documents
- ◯ Product Data
- ◯ Coordination Drawing
- ◯ Calculations
- ◯ Schedules
- ◯ O&M Manuals
- ◯ Other _____

ITEM BEING SUBMITTED FOR (check only one)

◉ Action ◯ Information Only ◯ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC

PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

DEVIN D GATES
REVIEWED BY

071516
DATE

To be completed by Reviewer

26 1300-004
CANNON DESIGN SUBMITTAL NUMBER

7/18/16
RECEIVED DATE

- ◯ A. No Exceptions Taken
  No further review of submittal is required.
- ◯ B. Make Corrections Noted
  Incorporate corrections in work; resubmission is not required.
- ◯ C. Revise and Resubmit
  Revise as noted, and resubmit for review.
- ◯ D. Rejected
  Submittal is not in compliance with Contract Documents; provide new submittal.
- ◯ E. For Record / Information Only
  Submittal was reviewed for Record / Information purposes only.
- ◯ F. Not Required for Review
  Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS ◯ See attached sheet(s) for additional comments

REVIEWED BY

DATE

77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0142

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 07/15/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Floor boxes product data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☑ Approval	☑ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	**SENT VIA:**	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☑ Other:	☐ Separate Cover Via:	☐ Due Date:

Item	*Package*	*Code*	*Rev.*	*Copies*	*Date*	*Description*	*Status*
Submittal		261300-004	1			Floor boxes product data	Submitted

NOTES:

CC:

Signed: _____

Devin Gates

GUARANTEE
ELECTRICAL CONSTRUCTION

3415 Bent Avenue
St. Louis, MO 63116
Phone: (314) 772-5400
Fax: (314) 772-2526

Transmittal

To Paric Corporation

Date 7/15/16

Job Number 11317

Job Name Webster Univ. ISB Building

Attention Devin Gates

Transmittal Number 11317-008

We are sending you:

- X Attached
- ___ Under separate cover, the following:
- ___ Preliminary Drawings
- ___ Samples
- ___ Construction Drawings
- ___ Copy of Letter
- ___ Specifications
- ___ Other

Quantity	Drawing #	Date/Revision	Description
1			Submittal for Floor Boxes - Spec Section
			26 13 00

These are transmitted as checked:

- X For Your Review & Comment
- X For Approval
- ___ For Your File
- ___ As Requested
- ___ Approved As Noted
- ___ Returned For Corrections
- ___ Approved As Submitted
- ___

Copy: Transmittal Enclosure

___ ___

___ ___

___ ___

Rick Branstetter

Signed: Rick Branstetter, Project Manager

Webster University

Interdisciplinary Science Building

Webster Groves, Mo. 63119

Submittal Drawings

LeGrand/Wiremold

Floor boxes-On Grade

Floor Boxes—Fire Classified

Provided For:

Guarantee Electrical Contractors

St. Louis, Mo. 63116

Provided By:

Fishco Group

Electrical Mfg. Rep Agent

St. Louis, Mo. 63123