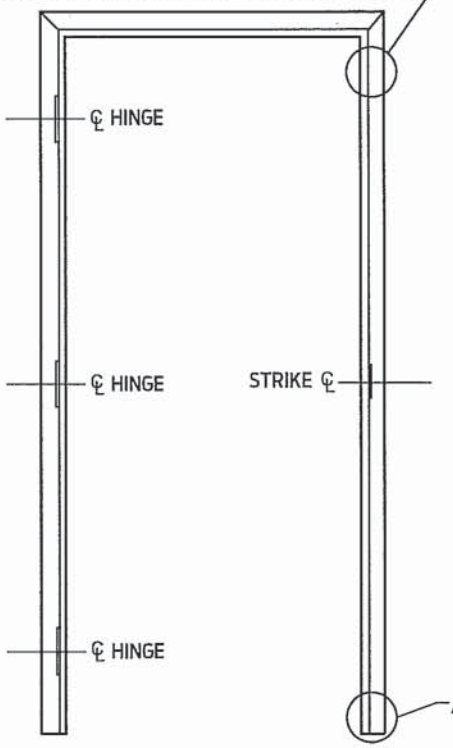
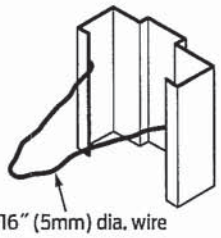
F, FN, MU, FE, and DE Series

Standard Lock-In Jamb Anchors are supplied on standard F Series frames having 2" faces

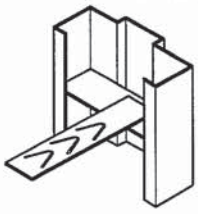


Masonry Wall Applications

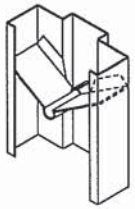
Wire Masonry Anchor



Masonry "T" Anchor

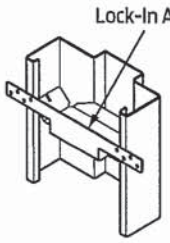


Existing Wall Anchor

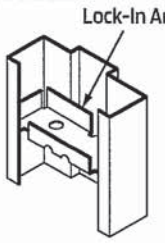


Stud Wall Applications

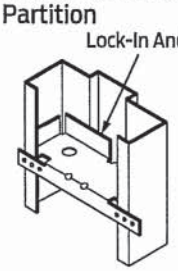
Universal Stud Anchor

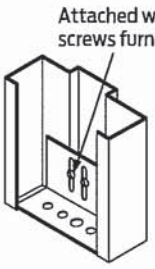


Anchor for Steel Stud Partition



Anchor for Wood Stud Partition





Maximum adjustment 1-3/8" (35mm) below bottom of frame

Anchor Quantities:

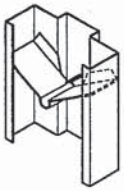
- 3 per jamb through 7'6" height
- 4 per jamb over 7'6" to 12'0" height
- 1 adjustable base anchor per jamb

Anchor Locations:

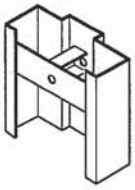
- Locate all anchors on hinge jamb as close to top of hinge reinforcement as possible.
- Locate anchors on strike jamb in the corresponding position as the hinge jamb.

Specialty Weld-In Jamb Anchors are supplied for custom frames and special wall applications when specified.

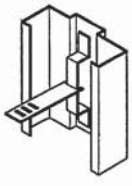
Masonry Wall Application



Existing Wall Anchor

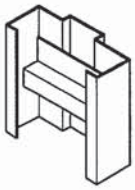


Weld-In Tube & Strap Anchor for Special Profile Frames

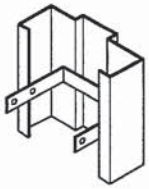


Weld-In Yoke Strap & Masonry Anchor

Stud Wall Anchors

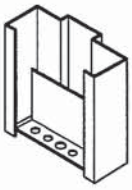


"Z" Steel Stud Weld-In Anchor for Special Profile Frames

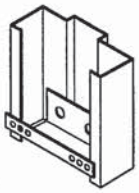


Weld-In Wood Stud Anchor

Sill Anchors

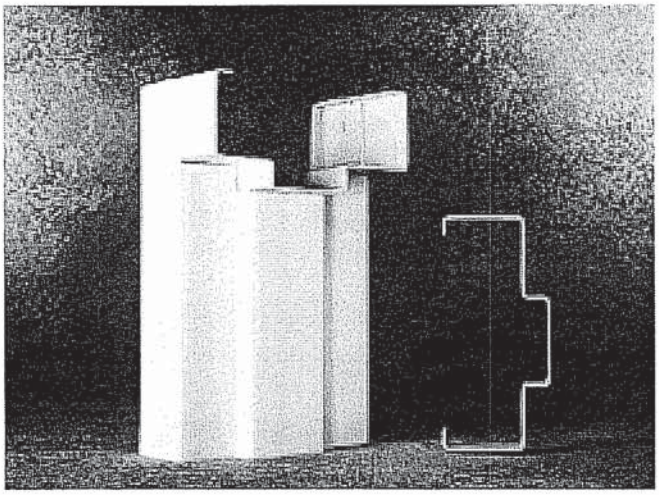


Weld-In Floor Anchor



Weld-In Wood Stud Base Anchor

F, FN, MU, FE, and DE Series



Anchoring and installation notes

1. **All Frames** in this category are supplied standard with masonry wire or lock-in jamb anchors and adjustable base anchors. Anchors are designed for maximum wall/frame engagement and installation flexibility.
2. **Anchoring Applications:**
   - **Masonry Wall**: Masonry wire anchors (3/16″ [5mm] diameter) provide maximum engagements in mortar joints, and allow for full internal grouting during installation. The anchor is to be spread wider than the jamb depth and twisted into position. Adjustable base anchors are attached directly to the floor and adjusted. The wall is built around the anchored frame.
   - **Existing Masonry Walls**: Specifically designed (18 Ga.) jamb anchors are used to add support for bolting the frame into the rough opening of an existing wall.
   - **Wood Stud Walls**: Lock-in (18 Ga.) jamb anchors are designed to be attached to the wood studs of a rough opening.
   - **Steel Stud Walls**: Lock-in (18 Ga.) jamb anchors are designed to be attached to the webbing of the closed steel studs which are built around the frame.
   - **Universal Stud Wall Anchors:** Universal lock-in (18 Ga.) jamb anchors are designed for use in either wood or steel stud wall applications. Maximum jamb depth is 9-1/2″.
3. **Adjustable Base Anchors:**
   - Field attached (16 Ga.) base anchors provides direct attachment and adjustability for out of level base surface conditions.
   - If frame is NOT to be set directly on the floor (slab) adjust base anchor UPWARD as required.
4. **Special Frame Anchors:** Anchor details and availability of lock-in anchors will vary with the following frame profile changes:
   - Single Rabbet: all details will vary.
   - Double Rabbet: weld-in anchors required over 9-1/2″ jamb depth.
   - FE and DE Series Double Egress Frames: Anchor details will vary due to frame and application conditions.
5. **Installation** shall conform to the published Steelcraft installation instructions, ANSI A250.11 *Recommended Erection Instructions for Steel Frames, and HMMA 84.*
6. **Installation Caution Notice**: Grouted Frames:
   - When temperature conditions necessitate an additive to be used in the plaster or mortar to prevent freezing, the contractor installing the frames must coat the inside of the frames in the field with a corrosion resistant coating per ANSI A250.11 *Recommended Erection Instructions for Steel Frames.*
   - When frames are to be grouted full, silencers must be field installed prior to grouting.
   - Steel frames, including fire rated frames, do not require grouting. Grouting is not recommended for frames in drywall.
7. **All Fire Rated frames** must be installed in accordance with NFPA Pamphlet 80 and the *Authority Having Jurisdiction.*

Spec Section
081113

Hollow Metal

Manufacturer	Steelcraft Hollow Metal
Doors	LF Series - 18ga.
Core Material	Honeycomb/Polyurethane
Door Thickness	1-3/4"
Frames	F Series
Gage	16
Type	Welded

JOB NO.	PROJECT: Webster ISB	LOCATION:	SHEET of

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

Joe Voypick
SUBMITTED BY

081113-005
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

081113
SPECIFICATION SECTION / PARAGRAPH

SteelCraft Hollow Metal
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

Joe Voypick
REVIEWED BY

9/12/16
DATE

To be completed by Reviewer

08 1113-005
CANNON DESIGN SUBMITTAL NUMBER

9/13/16
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

09.14.16
DATE

77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0218

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 09/12/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Hollow Metal Door Shop Drawings

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		081113-005	1		09/12/2016	Hollow Metal Door Shop Drawings	Submitted

NOTES:

CC:

Signed: _____

Devin Gates