Door and Frame Submittal

DS01

PROJECT

Name: GARY MATZNER PARK AT PINECREST

Address: 6610 N KENDALL DR
PINECREST FL 33156

CONTRACTOR

Name: CONENGINEERS BUILDERS LLC

Address: 1930 NORTH COMMERCE PARKWAY - SUITE 1
WESTIN FL 33326

ARCHITECT

Name:

Address:

WJA 2026.06.24 :THERE SHOULD NOT BE ANY RATED DOORS.

☐ NO EXCEPTION TAKEN ☑ APPROVED AS NOTED
☐ REJECTED
☐ SUBMIT SPECIFIED ITEM ☐ REVISE AND RESUBMIT

Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for: Dimensions which shall be confirmed and correlated at the job site; fabrication processes and techniques of construction; coordination of the work, coordination of the work of other trades and satisfactory performance of the work.

Wannemacher Jensen Architects, Inc.

Date: 2026.06.24

By: David Pinto

DASH DOOR & GLASS

DASH DOOR
5101 COMMERCE CROSSINGS DRIVE
LOUISVILLE, KY 40229
www.dashdoor.com

GARY MATZNER PARK AT PINECREST
Prepared Date:
25044640
Submitted By: EMILY VECCHIO
Prepared By:

QUALIFICATIONS

1. All clarifications and questions must be answered/resolved and acknowledged prior to ordering materials.
2. Louvers in exterior doors have been drawn to comply with Accessible and Usable Buildings and Facilities ICC A117.1 (ADA) Requirements and to avoid Lite/Lock Conflicts. Please review and approve.
3. Please note that door #105 is scheduled as 20 minute but is in what appears to be a non-fire rated wall. Please advise if this opening is fire rated.

GENERAL NOTES

1. Any changes to the scope of work may incur a cost upcharge and will be handled through the change order process.

2. Material Lead-Times can vary. Please advise Dash Door & Glass Project Manager as soon as possible when materials need to be on-site.

3. Approval of these Shop Drawings indicates that all information has been checked & the General Contractor authorizes Dash Door & Glass to fabricate material as shown herein. No material will be processed until ALL Shop Drawings & Hardware Schedules are approved with all outstanding issues resolved.

4. Glass & Glazing Supplied & Installed by others, unless otherwise indicated.

5. Dash Door & Glass assumes No Responsibility for measurements affecting other Contractor's work and for the quality of installation & erection of Doors & Frames in the walls.

6. ALL material is to be checked by the General Contractor prior to erection. Notify Dash Door & Glass materials are not in conformance with the APPROVED Shop Drawings. Dash Door & Glass is only responsible for the value of the material whether replaced or corrected.

7. The General Contractor should check & take note of all dimensions, as Dash Door & Glass assumes no responsibility beyond fabrication in accordance with these Approved Shop Drawings.

8. Additions, Deductions, Modifications or Back-Charges WILL NOT be accepted by Dash Door & Glass unless authorized in advance in writing, both to the extent & cost of claim.

9. The information shown on these shop drawings is for use of Dash Door & Glass ONLY and is not intended for the use by other Trades. Dash Door & Glass will not be responsible for errors incurred by other parties using these shop drawings. Other Trades should contact the General Contractor who will in turn contact Dash Door & Glass for confirmation of critical dimensions.

10. Drilling & Tapping for Surface Applied Hardware to be done in field by the installation Contractor.

11. Catalog cuts are for information purposes only and not for approval. Do not make any comments/corrections to the catalog cuts. All corrections/comments must be made to the shop drawings. Do not return catalog cuts. We will not review any returned catalog cuts. All pertinent project specific data is on the shop drawings, not the catalog cuts.

12. Lite Kits on wood and hollow metal doors will be positioned to comply with ICC A117.1 2009 Accessible and Usable Building and Facilities Standard 404.2.10 that requires the bottom of the lite kit to permit viewing at 43 inches AFF.

13. Hospital Push/Pull Latches will be mounted at standard lock location (Steelcraft Location of 40 5/16" AFF), unless otherwise noted.

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DASH DOOR

5101 COMMERCE CROSSINGS DRIVE

LOUISVILLE KY 40229

Tel: 502-779-2127 Fax: 502-968-2045

GARY MATZNER PARK AT PINECREST

Control No.4724

25044640

Submitted By: EMILY VECCHIO

June 02, 2026

DASH DOOR – STANDARDS FOR HOLLOW METAL

1. Material shown on these drawings will be fabricated only after Formal Approval by the Architect and Contractor, receipt of Approved Hardware Schedule and all necessary Hardware Templates.

2. Doors and Frames will be reinforced for Surface Mounted Hardware as required. Drilling and Tapping for attaching Surface Mounted Hardware by others. Doors and Frames will be prepped and reinforced for Mortise Hardware, Holes for this Hardware will be Drilled and Tapped at the factory except for Trim mounting Holes.

3. All Doors and Frames will receive the manufacturer's factory applied standard primer, unless otherwise noted.

4. Bituminous Coating, and any Foam Blocking, will not be furnished unless noted otherwise.

5. All Frames will be prepared for Push-In type Silencers, 3 per Strike Jamb for Single Frames or 2 per Head for Double Frames.

6. All frames will be set at finished floor level unless otherwise noted in the submittals. Refer to Steel Door Institute (SDI) for frame installation procedures.

7. Shipping Bars on Welded Frames are intended for shipping purposes only and must be removed from Frames before setting them in the wall. They are NOT to be used as spreader bars.

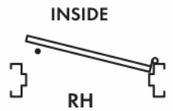
8. All Hollow Metal Doors to be undercut 3/4", unless noted otherwise.

9. Store Doors and Frames at the building site under cover. Place units on at least 4" wood sills or on the floors in a manner that will prevent rust and damage. Avoid use of non-vented plastic or canvas shelters, which create a humidity chamber.

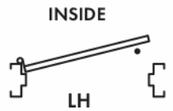
DOOR HANDING CHART

•INDICATES KEY SIDE

SINGLE DOORS

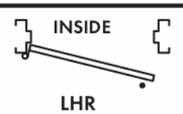


RH
RIGHT HAND



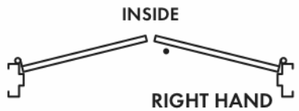
LH
LEFT HAND

RHR
RIGHT HAND
REVERSE

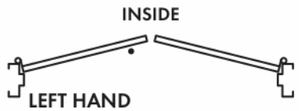


LHR
LEFT HAND
REVERSE

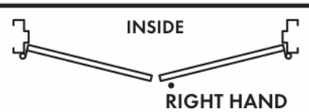
PAIRS OF DOORS



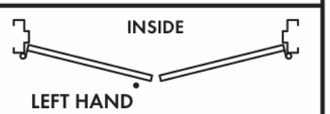
RIGHT HAND



LEFT HAND



RIGHT HAND
REVERSE



LEFT HAND
REVERSE

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GARY MATZNER PARK AT PINECREST

25044640

Submitted By: EMILY VECCHIO

PROJECT NOTES

1. All clarifications and questions must be answered/resolved and acknowledged prior to ordering materials.
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DASH DOOR & GLASS

DOOR AND FRAME SCHEDULE

Opening Information									Frame Information										Door Information									
MARK #	QTY	SPEC SET/HDG	WIDTH	HEIGHT	THK	OPG	HAND	LABEL	TYPE	MFG	SERIES	DEPTH	GAUGE	MTRL	CONST	ANCHOR	WALL TYPE	ELEV	TYPE	MFG	SERIES	GAUGE	MTRL	CORE	EDGE	U/CUT	FINISH	ELEV
101	1	02/ 02-EXT	3-0	7-0	1 3/4	SGL	RHR	NON-RTD	HMF	CEC	SU	5 3/4	16	A60	FULL FACE	A30 A30	MF8-NR	3F-3070	HMD	CEC	LP	16	A60	PS	BS	3/8	PRI	FX
Location: PARK FROM OFFICE 101									Note:										Note: FBC #FL16355.2-R5 CONFIG #10 (+/-70PSF) NON-W.I.									
102	1	01/ 01-EXT-L VR	3-0	7-0	1 3/4	SGL	RHR	NON-RTD	HMF	CEC	SU	5 3/4	16	A60	FULL FACE	A30 A30	MC8-NR	3F-3070	HMD	CEC	LP	16	A60	PS	BS	3/8	PRI	B-LVR
Location: PARK FROM WOMEN'S RESTROOM 102									Note:										Note: FBC #FL16355.4-R5 CONFIG #10 (+/-70PSF) NON-W.I.									
103	1	01/ 01-EXT-L VR	3-0	7-0	1 3/4	SGL	LHR	NON-RTD	HMF	CEC	SU	5 3/4	16	A60	FULL FACE	A30 A30	MC8-NR	3F-3070	HMD	CEC	LP	16	A60	PS	BS	3/8	PRI	B-LVR
Location: PARK FROM MEN'S RESTROOM 103									Note:										Note: FBC #FL16355.4-R5 CONFIG #10 (+/-70PSF) NON-W.I.									
104	1	03/ 03	2-8	7-0	1 3/4	SGL	LHR	NON-RTD	HMF	CEC	SU	5 3/4	16	A60	FULL FACE	A30 A30	MA8-NR	3F-2870	HMD	CEC	LP	16	A60	PS	BS	5/8	PRI	F
Location: MEN'S RESTROOM 103 FROM JAN. CLOSET 104									Note:										Note:									
105	1	04/ 04-EXT	3-0 3-0	7-0	1 3/4	PR	RHRA	~~2SPT~~	HMF	CEC	SU	5 3/4	16	A60	FULL FACE	A30 A30	MB8-NR	3F-6070	HMD	CEC	LP	16	A60	PS	BS	3/8	PRI	FX FX
Location: PARK FROM STORAGE 105									Note:										Note: FBC #FL16355.1-R5 CONFIG #8 (+/-70PSF) NON-W.I.									
106	1	05/ 05	3-0	7-0	1 3/4	SGL	LHR	NON-RTD	HMF	CEC	SU	5 3/4	16	A60	FULL FACE	A30 A30	MA8-NR	3F-3070	HMD	CEC	LP	16	A60	PS	BS	5/8	PRI	F
Location: STORAGE 105 FROM CONTROL CLO. 106									Note:										Note:									
MISC	1	MISC/ MISC																										
Location:									Note:										Note:									

NON-RTD

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Abbreviations Used

Abb	Description
20PP	20 MIN FIRE RATING, POSITIVE PRESSURE
A30	EO/ PIPE & STRAP, WITH DYNABOLTS
A60	GALVANNEALED, HOT DIPPED, HEAT TREATED, 6OZ ZINC COATED STEEL
BS	BONDO SEAMLESS
CEC	CECO DOOR
F	FLUSH
FFA	FIXED FLOOR ANCHOR
FPC	PRIME COATED AT THE FACTORY
FULL FACE AND WEB	FULL FACE AND WEB WELD
HMD	HOLLOW METAL DOOR
HMF	HOLLOW METAL FRAME
LF	FULL LOUVER
LP	LEGION
NON-RTD	NON RATED
PR	PAIR OF DOORS
PRI	PRIMED
PS	POLYSTYRENE CORE
SGL	SINGLE DOOR
SU	(UNEQUAL RABBET) STANDARD FRAMES
UL	UNDERWRITERS LABORATORIES

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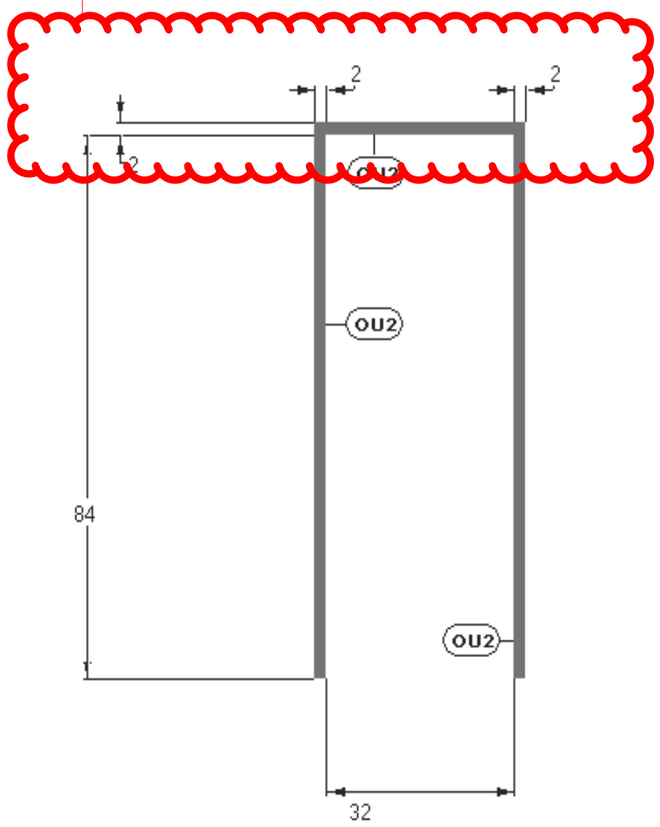
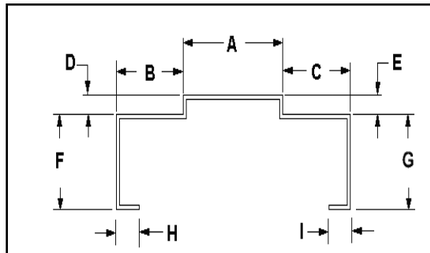
FRAME ELEVATIONS & JAMB PROFILES

HOLLOW METAL FRAME HEAD CAN BE 4" TO COURSE WITH CMU. (ALL DOORS)

FRAME ELEVATION DETAILS:

Elevation #:	3F-2870
Quantity:	1
Opening #:	104(1-LHR)





B: 1 15/16
C: 1 9/16
D: 5/8
E: 5/8
F: 2
G: 2
H: 7/16
I: 7/16
B = Door Side (if applicable)

All dimensions expressed in inches.

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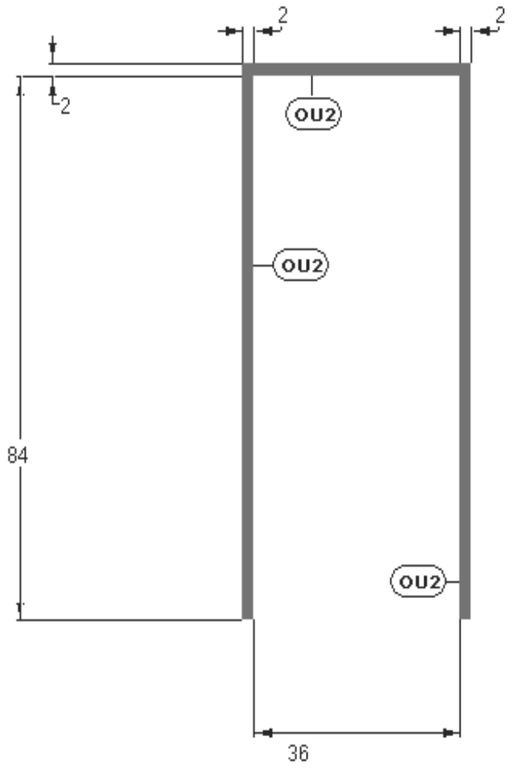
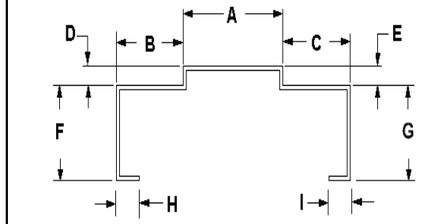
Prepared By:

FRAME ELEVATIONS & JAMB PROFILES

FRAME ELEVATION DETAILS:

Elevation #:	3F-3070
Quantity:	4
Opening #:	101(1-RHR), 102(1-RHR), 103(1-LHR), 106(1-LHR)





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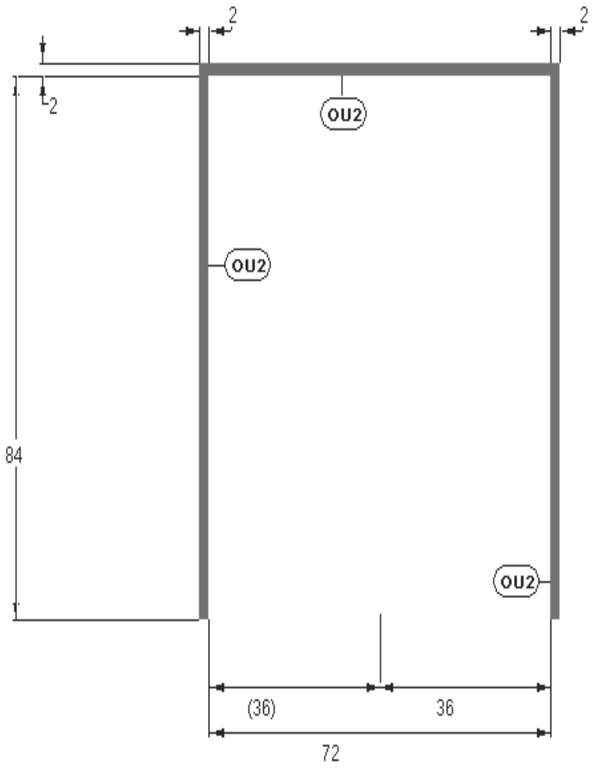
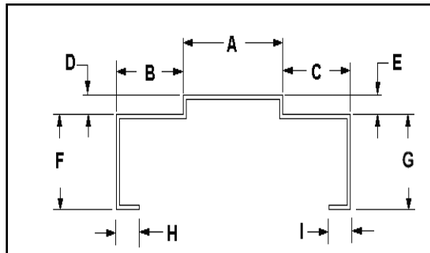
FRAME ELEVATIONS & JAMB PROFILES

FRAME ELEVATION DETAILS:

Elevation #:	3F-6070
Quantity:	1
Opening #:	105(1-RHRA)





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I: 7/16
C: 1 9/16
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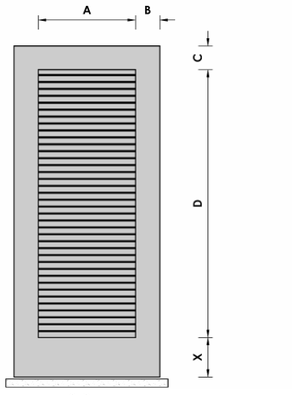
DOOR ELEVATIONS



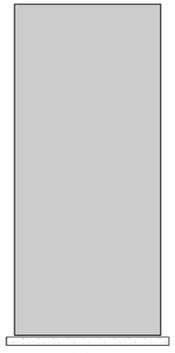
A: 23
B: 6 3/8
C: 6 3/8
D: 66

U/C: 3/8

B-LVR Arch Dr Type B-LVR

LITE MOULDING: CUTOUT ONLY WITH CHANNELS-S FACTORY GLAZED: NO

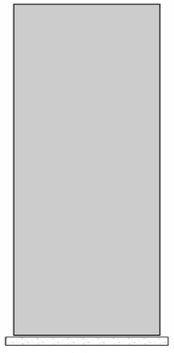
CUTOUT FOR LOUVER IN HARDWARE SET.
102, 103



U/C: 5/8

F Arch Dr Type A

106



U/C: 5/8

F Arch Dr Type A

104

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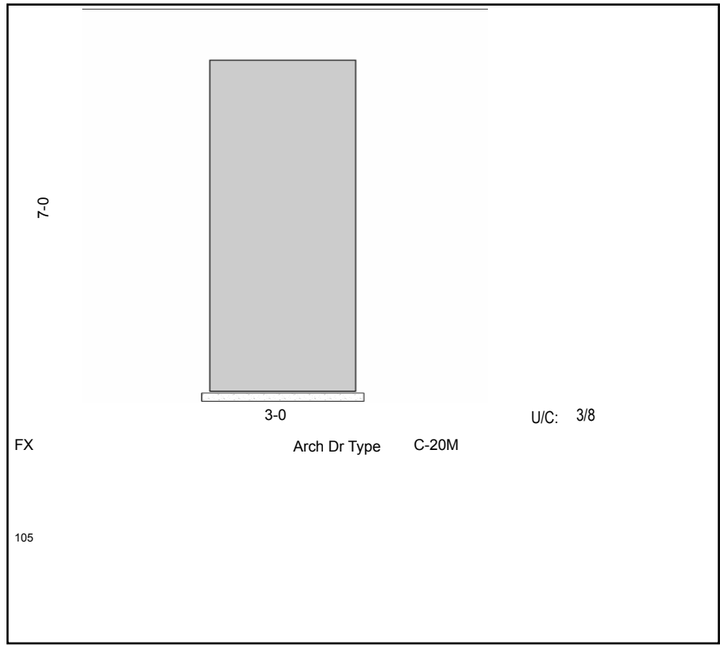
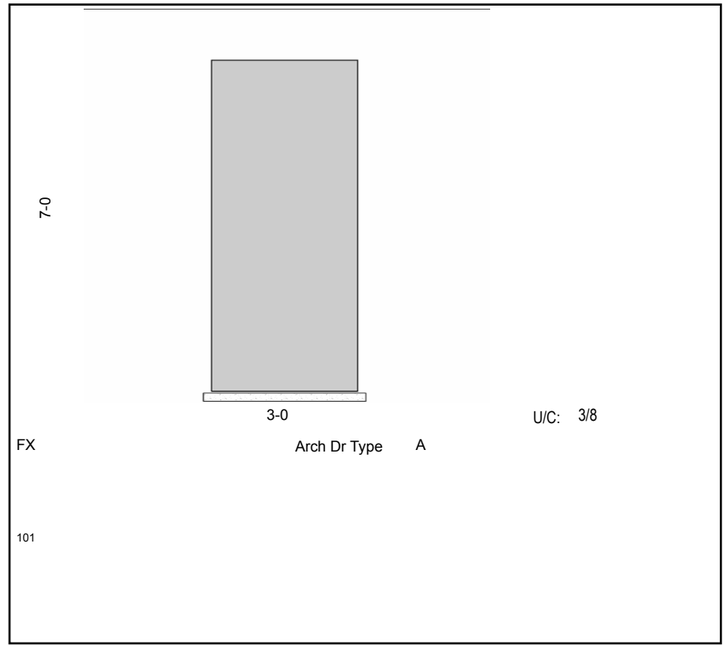
DOOR ELEVATIONS





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GARY MATZNER PARK AT PINECREST

Control No.4724

25044640

Submitted By: EMILY VECCHIO

LOCATION

COL.1:_OPENING_NUMBER

COL,2:_LOCATION

COL, ; _EROM_2 c_TO
F = FROM
T = TO

COL.4:_LOCATION

GENERAL

COL. ; _QUANTID'._REQUIRED

COJ,,6: NOMINAL DOOR OPENING_DIMENSION

COL,Z:_ACTUAL_HAND_8!:_SWING

FRAME DATA

COLS:_SERIES/PROEILE
SU = STANDARD PROFILE UNEQUAL RABBET FRAME
SQ = STANDARD PROFILE EQUAL RABBET FRAME
SR = STANDARD PROFILE SINGLE RABBET FRAME
DU = DRYWALL PROFILE UNEQUAL RABBET FRAME
DQ = DRYWALL PROFILE EQUAL RABBET FRAME
DR = DRYWALL PROFILE SINGLE RABBET FRAME
BQ = BEFORE DRYWALL PROFILE EQUAL RABBET FRAME (APPLIED ANCHORS)
BU = BEFORE DRYWALL PROFILE UNEQUAL RABBET FRAME (APPLIED ANCHORS}
BR = BEFORE DRYWALL PROFILE SINGLE RABBET FRAME (APPLIED ANCHORS)
SE1 ,2 = DOUBLE EGRESS PROFILE FRAME
BE1 ,2 = DOUBLE EGRESS PROFILE FRAME
SQT = STANDARD PROFILE EQUAL RABBET THERMAL BREAK FRAME
SRT = STANDARD PROFILE SINGLE RABBET THERMAL BREAK FRAME
SQW = STANDARD PROFILE EQUAL RABBET WEATHERSTRIPPED FRAME
SRW = STANDARD PROFILE SINGLE RABBET WEATHERSTRIPPED FRAME
DQW = DRYWALL PROFILE EQUAL RABBET WEATHERSTRIPPED FRAME
DRW = DRYWALL PROFILE SINGLE RABBET WEATHERSTRIPPED FRAME
BQW = BEFORE DRYWALL PROFILE EQUAL RABBET WEATHERSTRIPPED FRAME (APPLIED ANCHORS)
BRW = BEFORE DRYWALL PROFILE SINGLE RABBET WEATHERSTRIPPED FRAME (APPLIED ANCHORS}
XXX = SPECIAL PROFILE, SPECIAL RABBETS
AL = ALUMINUM FRAME SYSTEM FOR HANDED FIBERGLASS REINFORCED POLYESTER DOORS
WRF = WATER RESISTANT HANDED FRAME

HANDING DIAGRAMS

"KS" = KEY SIDE

SUFFIX "A" = ACTIVE LEAF OF PAIRS

COL.9:_GAGE,_MATERIAL_AND_EINISH
_CRS = _GA. COLD ROLLED STEEL
....A60 = _GA. A60 GALVANNEAL STEEL
_G90 = _GA. G90 GALVANIZED STEEL
_S01 = _STAINLESS STEEL 304-4
_S02 = _STAINLESS STEEL 316-4
_S05 = _STAINLESS STEEL 304-8
_S06 = _STAINLESS STEEL 316-8
_OAL = ...ALUMINUM FRAME FOR FRP
•• represents steel ***gage (12, 14, 16, 18)***
Common codes ***shown; additional gages, material and*** finishes ***available.***

COL.10:_ERAME_DEPTH
300 = 3•
434 = 4-3/4"
578 = 5-7/8"

COL.11:_ERAME_THROAT
200 = 2·
334 = 3-3/4"
478 = 4-7/8"

COL.12:_STRIKE
S = ANSI A115.1 & 2 i4-7/8"}
C = CYLINDRICAL A115.2/'3) '(2-3/4"}
D = DOUBLE DOOR
P = PLAIN (NO PREP)

COL 13: LABEL
EIBE_eBOTECTIOt:I
.BAill:ilz
A = 3 HR
B = 1-1/2 HR
C = 3/4 HR
0 = 1 HR
T = 1/3 HR
U = UNDERWRITERS LABORATORY
F = FACTORY MUTUAL
W = WARNOCK HERSEY

COL.14:_ERAME_D:PE
BL = BORROWED LITE
SL = SIDELITE
TF = TRANSOM
DF = DUTCH
DA = DOUBLE ACTING
CM = COMMUNICATING

COL,,1. _ANCHORS
WMA = WIRE MASONRY ANCHOR
WS = WOOD STUD
MS = METAL STUD
SA = FLOOR
E0 = EXISTING OPENING
MT = MASONRY TEE
YS = YOKE & STRAP
See ***anchor*** sheet ***for*** more

COL.16: FRAME ELEVATION

DOOR DATA

COJ,,1Z:_QOOR_SERIES_AND_CORE
RI = REGENT (IMPREGNATED HONEYCOMB CORE, HANDED)
RN = REGENT (NON-IMPREGNATED HONEYCOMB CORE, HANDED)
01 = OMEGA (IMPREGNATED HONEYCOMB CORE, NON-HANDED)
LP = LEGION (POLYSTYRENE CORE, HANDED)
UP = ULTRA (POLYSTYRENE CORE, NON-HANDED)
IU = IMPERIAL (POLYURETHANE FOAM CORE, HANDED}
VU = VERSAD00R (POLYURETHANE FOAM CORE, NON-HANDED)
FT = FUEGO (250- TEMP. RISE CORE, HANDED}
OT = OMEGA DOOR W/250- TEMP. RISE CORE, NON-HANDED)
TX = THRUUTE (STILE & RAIL DESIGN, HANDED)
HF = TRIO (VERTICALLY STIFFENED, LAMINATED CORE W/FIBERGLASS, HANDED}
HE = TRI0-E (VERTICALLY STIFFENED, ENERGY EFFICIENT CORE W/POLYURETHANE, HANDED}
HT = TRIO (VERTICALLY STIFFENED, LAMINATED 450-F TEMP. RISE CORE W/FIBERGLASS, HANDED)
MS = MEDALLION (VERTICALLY STIFFENED CORE, HANDED)
AP = ARMORSHIEID (LEVEL III, BUU£T RESISTANT POLYSTYRENE CORE, HANDED)
AS = ARMORSHIEID (LEVEL III, BUU£T RESISTANT STIB.-STIFFENED CORE, HANDED)
A4 = ARMORSHIEID (LEVEL r{, BUU£T RESISTANT CORE. HANDED)
MJ = MEDALLION (VERTICALLY STIFFENED CORE• MARINE TECH• HANDED)
STX = SOUND-TECH XPRESS (ACOUSTICAL CORE, HANDED)
SP = ST0RMPR0 TORNADO RESISTANT, (FEMA/ICC500)
FG = FIBERGLASS REINFORCED POLYESTER, URETHANE CORE, HANDED
WRD = WATER RESISTANT DOOR, POLYSTYRENE CORE, HANDED

COL,,H ; _GAGE,_MATERIAL_AND_EINISH
_CRS = _GA. COLD ROLLED STEEL
....A60 = _GA. GALVANNEAL STEEL
_T60 = _ GA. A60 GALVANNEAL TEXTURED STEEL
_G90 = _GA. G90 GALVANIZED STEEL
_M40 = _GA GALVANNEAL STEEL, MADERA
_S01 = _GA. STAINLESS STEEL 304-4
_S02 = _GA. STAINLESS STEEL 316-4
_S05 = _GA. STAINLESS STEEL 304-8
_S06 = _GA. STAINLESS STEEL 316-8
_42FT = _FIBERGLASS REINFORCED POLYESTER

•• represents steel ***gage (12, 14, 16, 18,20)***
Common codes ***shown; additional gages, material and*** finishes ***available.***

COL.19;_DESIGN
F = FLUSH
G = HALF GLASS
G3 = HALF GLASS W/3 LITES
FG = FULL GLASS
N425 = 4 x 25 NARROW UTE
V = 10 x 10 VISION UTE

EMBOSSED PANEL DESIGNS
E601 = 6 PANEL
E801 = 8 PANEL
EC05 = CROSSBUCK W/9 LITES
E201 = 2 PANEL
E202 = 2 PANEL ARCHED TOP
E203 = 2P ARCHED TOP W/ PLANKS
E101 = 1 PANEL
See ***door elevation*** sheet ***for*** more

COL.2O:_LOCK_PREP
LC1 = CYLINDRICAL (Gov. 160/161)
LM2 = MORTISE w/Function Holes
LM0 = BLANK (MORTISE}
PM2 = MORTISE EXIT DEVICE
PR3 = RIM EXIT DEVICE
PV8 = SURF. VERT. ROD EXIT DEVICE
PV9 = C0NC. VERT. ROD EXIT DEVICE
LP0 = PLAIN (NO LOCK PREP}

DOOR & FRAME SCHEDULE LEGEND!

(FOR USE WITH SCHEDULE SHEET)

liCecoDoor (Conversion: 1• - 25.4 mm, e.g., 1-3/4" - 44.45 mm)I

ASSAABLDY

DRAWN BY _____ DATE _____
CHK'D BY _____ DATE _____
SHT-I OF __ CONTRACT NO.

ISSUE DATE	REVISIONS	BY

SYMBOLS

N.B.C. = NOT BY CECO
Ea DETAIL_t:IVMBEB
SHEET_t:IVMBEB

N.I.C. = NOT IN CONTRACT
ffi OUAtfilD'._QE_At:ICHQBS
II'.EE_QE_At:!CHQBS

COL.21:_LABEL
(SEE COL 13 FOR LABEL CODES)

COL.23:_REMARKS
ASTRAGALS, LOUVER, VISION LITE
See ***Door*** Accessories sheet
P_ = C0LORSTYLE OR SPECIAL FINISH (NOTE FINISH CODE}
cs_ = MADERA STAIN FINISH (NOTE FINISH CODE)

FORM 1090-1C8 11/05/14

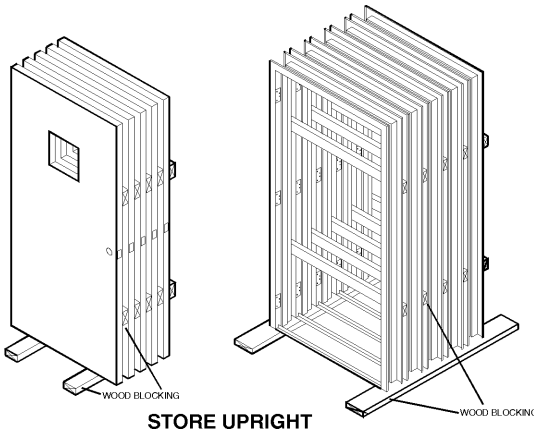
ASSA ABLOY, the global leader in door opening solutions.

RECOMMENDED PROCEDURE FOR THE RECEIPT AND STORAGE OF STEEL DOORS AND FRAMES

RECEIVING DOORS and FRAMES:
Doors and frames should be unloaded from the carrier and be handled and stored in a manner so as not to be damaged or exposed to harmful elements. Handling and storage should be performed in keeping with the decorative nature of these products.
Upon receipt, do inspect shipment for damage. Minor scratches caused in shipping or handling should be promptly cleaned and touched up with a proper primer.

MOVING DOORS and FRAMES:
When moving material, lift clear of the floor. Do not drag or slide.

STORING DOORS and FRAMES:
Store Doors and Frames in a dry, well ventilated building or shelter at a reasonably constant temperature. Do not store doors and frames in damp areas or freshly plastered buildings. Avoid the use of non-vented plastic or canvas shelters which create a humidity chamber. Avoid any condition which exposes the product to the elements before finish paint is applied. Generally, doors and frames should be stored where they are least likely to be exposed to moisture.
Store Doors and frames in a protected area away from heavy traffic or activity. Do store material upright providing a space (1/4" approximately) between doors to promote air circulation. Set on wood runners or dunnage at least 4" off floor to avoid exposing sill to moisture and to avoid marring lower surfaces and edges of doors and frames.



STORE UPRIGHT

DOOR and FRAME PACKAGING:
Normally, do not remove cardboard wrap, covers, banding, or protective buffers until installation. However, do remove wrap, if cardboard becomes wet or if unit must be temporarily stored outside.

FIELD PAINTING:
Steel doors and frames are provided with a primer paint finish that is intended as preparatory base for field application of a top (finish coat) of paint. The primer paint coat is not designed to be the final layer of protection from environmental elements. It is designed to provide protection to the steel surface during normal storage, shipping and installation at the job site and to provide a uniform base for finish painting. Finish painting is necessary. It is recommended that the finish paint be applied to the door after installation is completed. It is the responsibility of the user to maintain the integrity of the finish after installation.

Low gloss oil based paints are recommended as finish paint. **WE DO NO RECOMMEND THE USE OF WATER BASED FINISH COATS SUCH AS LATEX, ACRYLIC, POLY-VINYL, ACETATE EMULSION FINISHES.** However, if any of these materials are used as a finish coat, you should first repaint the door or frame with a primer with rust inhibitors recommended by your paint manufacturer for bare steel and to the recommended mill thickness. If the door or frame is not re-primed, all scratches and nicks that expose bare steel will develop rust.

USGBC LEED REQUIREMENTS:
Under United States Green building Council LEED credit EQ4.2, any paints and coatings are limited on the VOC content that can be applied at the jobsite. This may require the painter to use a latex paint for doors and frames. If this is required then it is the responsibility of the painting contractor to re-prime the doors and frames per Ceco door recommendation (see above).

SPECIAL PAINT NOTE FOR MEDALLION DOORS:
The Production of steel doors and frames relies on a variety of manufacturing processes including spot welding, projection welding, arc welding ground smooth, grinding, filling, etc. These processes may result in show-through after application of finished paint. These characteristics are inherent in production and are not to be considered as manufacturing defects.

The show-through characteristics increase as the paint gloss increases. ANSIA250.8(SDI 100) recommends a maximum paint gloss rating 20% reflectance, measured using a 60° gloss meter, which should be suitable for most applications. Translucent paints may emphasize show-through characteristics and their use is not recommended.

RECOMMENDED PAINTING INSTRUCTINS:
Paint with a low gloss oil base trim paint. If the primer has been scratched or damaged so that rusting has occurred, sand lightly with steel wool or fine sandpaper to remove all traces of rust (any rust not removed will eventually become active and bleed through any subsequent top coats.) After all rust has been removed and you are sure the surface is clean, dry, and free of any foreign material, apply a rust inhibitive primer over the entire repair area and then paint the door with a low gloss oil base trim paint.

NICKS, SCRATCHES and DENTS:
Repair nicks and scratches promptly. Dents should be sanded to bare metal with medium grit emery cloth and feathered with fine emery cloth. Apply auto body filler as directed on can. After curing, sand with medium to fine emery cloth to a flat, smooth surface.
Spot paint with a proper primer for metal compatible with finish paint. Follow paint manufacturer's recommendations for curing time. Allow proper time for curing before finish painting
Continue to protect doors and frames after installation while trades continue to work on building.

CLEANING DOORS and FRAMES:
Clean plaster, caulking, or paint accidentally splattered on surface before it sets. To clean the surface, do use plain soap and water with a small amount of ammonia added to cut grease or grime. Do not use solvents, gasoline, strong detergents or abrasives. Do apply proper cleansing solution with a soft or non-abrasive cloth. Do use clear water for final rinse and allow to dry thoroughly.

WARRANTY
Ceco Door Products warrants the prime paint from peeling and blistering when specific procedures are followed. These procedures can be found in the contract documents included on the 1090 Door Detailing sheets (outlined herein). Consultation may also be obtained from any authorized
Ceco Door distributor or direct from Ceco Door at:

Ceco Door
9159 Telecom Drive
Milan, TN 38358

Form 100C 02/17/10

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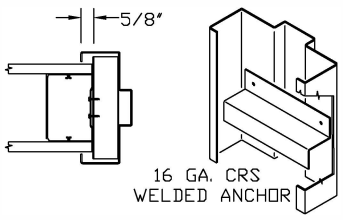
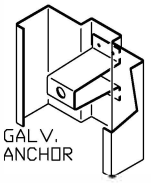
MSZ1



METAL STUD "Z" ANCHOR

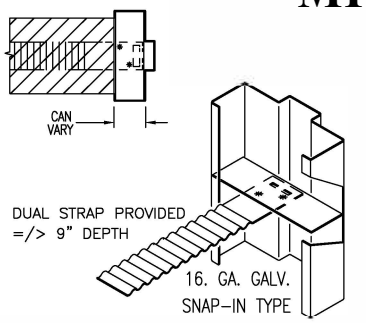
EO/N



SIDE BY SIDE DUAL ANCHORS APPLIED ON DEPTHS □VER 14", EXCLUDING SQT 8 DOUBLE EGRESS PROFILES.

EXISTING OPENING ANCHOR

MT



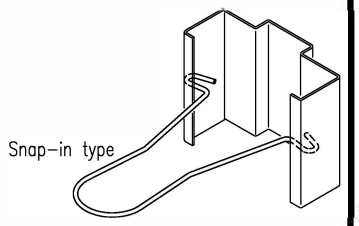
(FOR MIN. DEPTH OF 4-7/8")

:DD

16 GA. CRS BASE
18 GA. CRS STRAP
\./ELDED ANCHOR FDR
METAL DR \/ODD STUDS

VOOD STUD STRAP ANCHOR

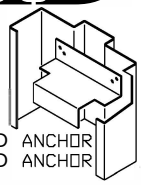
WMA



\,/IRE MASONRY ANCHOR
(For 3" THRU 8-3/4" DEPTHS)

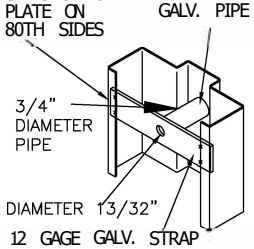
MSZ2

ID



METAL STUD "Z" ANCHOR

EO/P&P

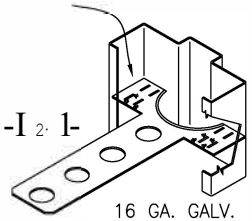


EO/,rWEWA

EXISTING OPENING ANCHOR

MT

BEND IN FIELD TD FIT 3-3/4,' 4-1/4', 4-3/4',

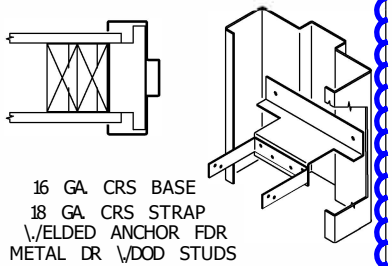


ADJUSTABLE SNAP IN TYPE

MASONRY "T" ANCHOR

WSZS

(FLUSH)

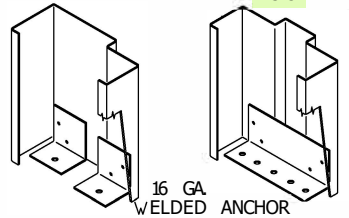


16 GA. CRS BASE
18 GA. CRS STRAP
\./ELDED ANCHOR FDR
METAL DR \/DOD STUDS

VOOD STUD STRAP ANCHOR

SA

(STANDARD)

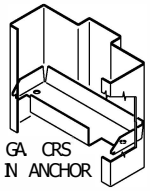


FLOOR ANCHOR

MS

Pocket provided for 1/2' or 5/8' thick wo.ll boo.rd

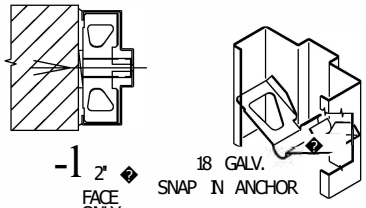
4-3/4 and 5-3/4" DEPTH ONLY



FACE ONLY

METAL STUD ANCHOR

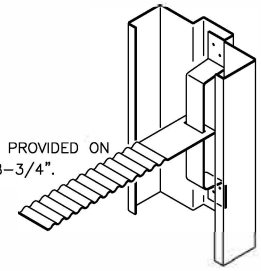
EO



EXISTING OPENING ANCHOR

SU PROFILE	EO/S6: 4-3/4" THRU 6-3/4" DEPTH	
	EO/S8: 6-7/8" THRU 8-3/4" DEPTH	
SQ PROFILE	EO/S6: 5-1/8" THRU 6-3/4" DEPTH	
	EO/S8: 6-7/8" THRU 8-3/4" DEPTH	

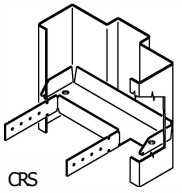
YS



16 GA. GALV. VELDED YOKE & STRAP MASONRY ANCHOR

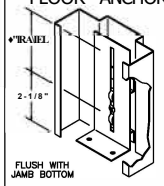
WS

Pocket provided for 1/2' or 5/8' thick wo.ll boo.rd



\,/ODD STUD ANCHOR
(USED ALSO ON METAL STUD WALLS)

ADJUSTABLE FLOOR ANCHOR ADJ FL



16 GA. GALV. ANCHOR INCLUDES MOUNTING BASE 8. ELONGATED FLOOR ANCHOR ATTACHED AT FACTORY USING A #10 P.H.M.S.

IN-FIELD: FASTEN ANCHOR

FRAME □VER ANCHOR

S LFA

12 GA. GALV. SIDELITE FLOOR ANCHOR

aiCecoDoor

ABIDY

(Conversion: 1' = 25.4 MM, e.g., 1-3/4' = 44.45 MM)

FRAME ANCHORS

DRA\./N BY ____ DATE ___ _
CHK'D BY _____ DATE ___ _

SHT __ OF __

CONTRACT ND.

ISSUE DATE	REVISI□NS	BY

ANCHOR QUANTITIES

2 PER JAMB FOR HEIGHTS 3/6 thru 5/0 AND ONE FLOOR ANCHOR
3 PER JAMB FOR HEIGHTS > 5/0 THRU 7/2 AND ONE FLOOR ANCHOR
4 PER JAMB FOR HEIGHTS > 7/2 THRU 9/0 AND ONE FLOOR ANCHOR
5 PER JAMB FOR HEIGHTS > 9/0 THRU 10/0 AND ONE FLOOR ANCHOR
ONE ADDITIONAL JAMB ANCHOR FOR EACH ADDITIONAL TWO FEET IN HEIGHT OR FRACTION THEREOF
ONE ADDITIONAL AMB ANCHOR IN LIEU OF FLOOR ANCHOR FOR EXISTING STUDS AND/OR WALLS
ANCHOR LOCATIONS ABOVE DO NOT APPLY TO THERMAL BREAK OR DOUBLE EGRESS FRAMES.

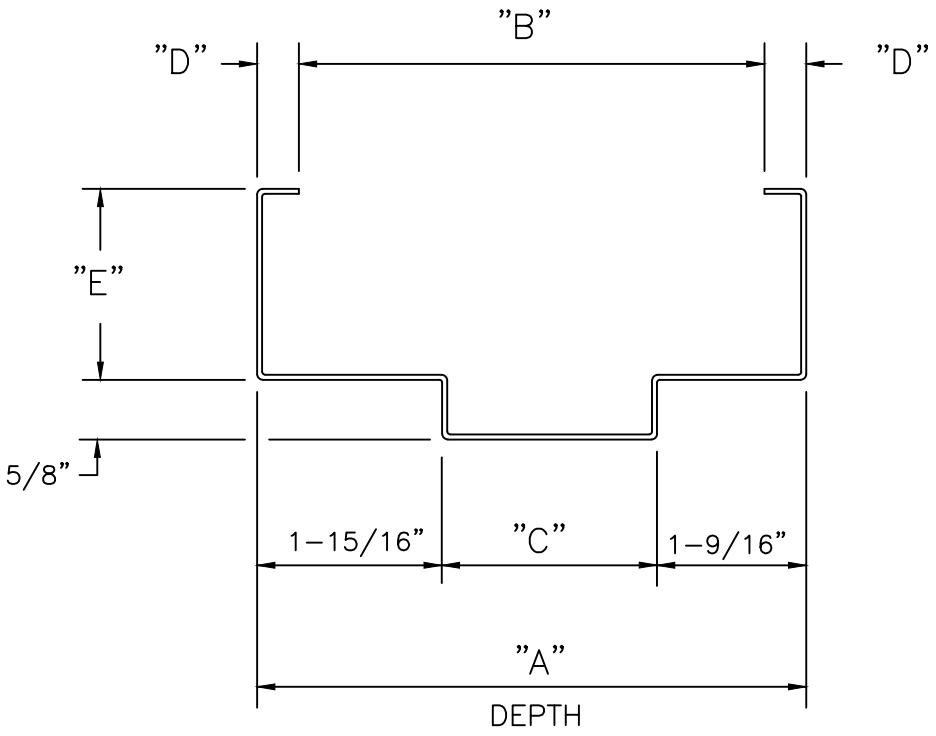
FORM 10 10/17/16

ASSA ABLOY, the global leader in door opening solutions.

Return to Index

SERIES SU STEEL FRAMES (UNEQUAL RABBET)

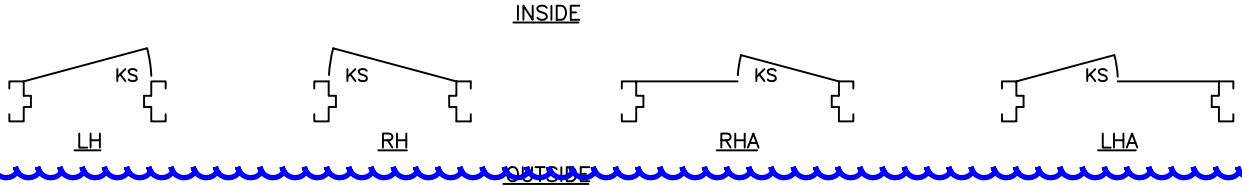
FOR 1-3/4" THICK DOORS
STANDARD WALL APPLICATION, HANDED



(Conversion: 1" = 25.4 mm, e.g., 1–3/4" = 44.45 mm)

DEPTH	A	B	C	D	E	
					HEAD & JAMBS	HEAD & JAMBS
434	4–3/4"	3–3/4"	1–1/4"	1/2"	2"	1"
534	5–3/4"	4–7/8"	2–1/4"	7/16"	2"	1"
634	6–3/4"	5–3/4"	3–1/4"	1/2"	2"	1"
734	7–3/4"	6–3/4"	4–1/4"	1/2"	2"	1"
834	8–3/4"	7–3/4"	5–1/4"	1/2"	2"	1"

Series SU, double rabbet frames (with unequal rabbets) are also available in a range of depths from: 4–5/8" thru 14" in 1/8" increments.
4" face heads with 2" face jambs are also available in selected sizes.

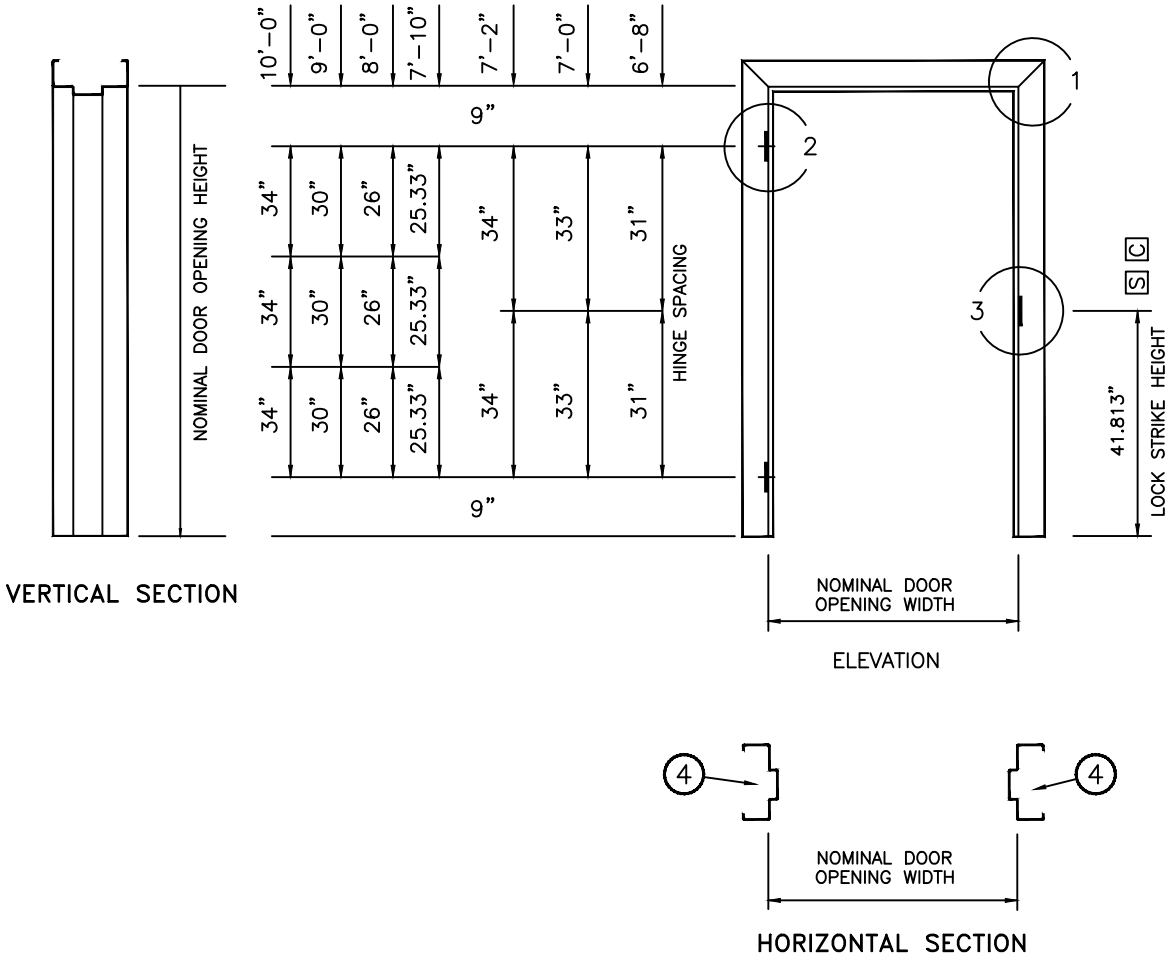


"KS" = KEY SIDE

10/18/19

TECH-DATA

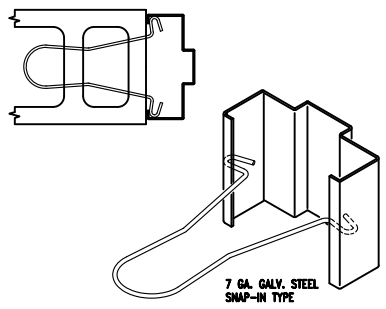
Hardware locations shown match Ceco standard doors.



(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

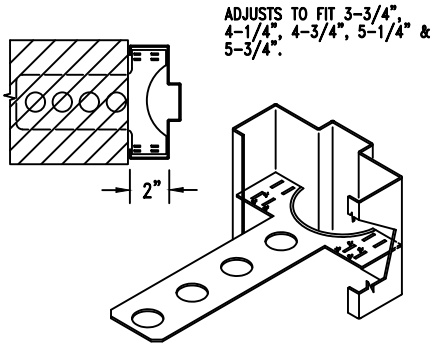
JAMB ANCHOR QUANTITIES	2 PER JAMB FOR HEIGHTS 3'6" THRU 5'0" AND ONE FLOOR ANCHOR 3 PER JAMB FOR HEIGHTS >5'0" thru 7'2" AND ONE FLOOR ANCHOR 4 PER JAMB FOR HEIGHTS >7'2" thru 7'6" AND ONE FLOOR ANCHOR 5 PER JAMB FOR HEIGHTS >7'6" THRU 10'0" AND ONE FLOOR ANCHOR ONE ADDITIONAL JAMB ANCHOR FOR EACH ADDITIONAL TWO FEET IN HEIGHT OR FRACTION THEREOF ONE ADDITIONAL JAMB ANCHOR IN LIEU OF FLOOR ANCHOR FOR EXISTING STUDS AND/OR WALL CONDITIONS.

WIRE MASONRY ANCHOR (4)
WMA



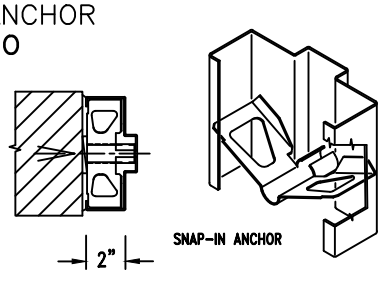
(For 3" THRU 8-3/4" DEPTHS)

MASONRY "T" ANCHOR (ADJUSTABLE) (4)
MT



ALTERNATE MT ANCHOR DESIGN IS AVAILABLE FOR SPECIAL DEPTH & FACE FRAMES. SEE SECTION F13 FOR DETAILS.

EXISTING OPENING ANCHOR (4)
EO



SU PROFILE	EO/S6: 4-3/4" THRU 6-3/4" DEPTH EO/S8: 6-7/8" THRU 8-3/4" DEPTH

Experience a safer and more open world

BACK TO TOP

CecoDoor
ASSA ABLOY

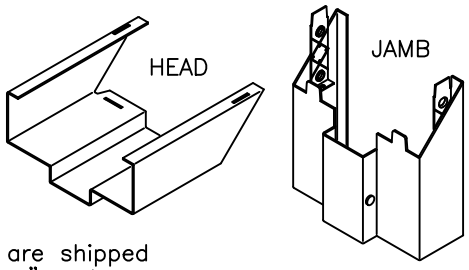
TECH-DATA

PREFERRED METHOD

SERIES SU STEEL FRAMES

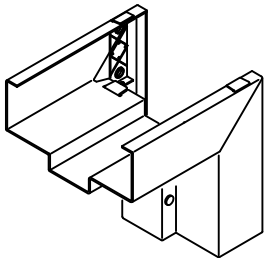
F1–3

KNOCKED DOWN (KD) CORNER CONSTRUCTION



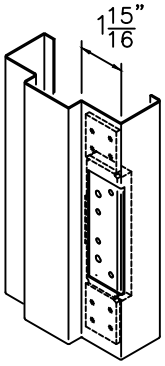
Components are shipped "knocked down" and assembled at the job site

WELDED CORNERS



Die–cut corner with corner tab and face weld shown. Also available without tab and welded or mitre sawed and welded. Alternative weld options are also available.

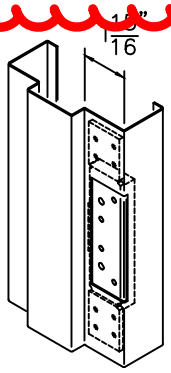
HINGE PREPARATION



4–1/2" x .134" OR
4–1/2" x .180"
ANSI A156.7 TEMPLATE
7 GAGE STEEL
REINFORCING

BACKSET: 5/16"

HINGE PREPARATION

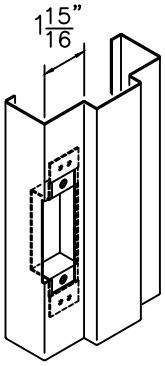


5" x .146" OR
5" x .190"
ANSI A156.7 TEMPLATE
7 GAGE STEEL
REINFORCING

BACKSET: 5/16"

(Conversion: 1" = 25.4 mm, e.g., 1–3/4" = 44.45 mm)

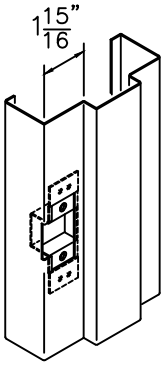
LOCK STRIKE PREPARATION



S

UNIVERSAL (4–7/8")
ANSI A115.1 & 2 TEMPLATE
16 GAGE STEEL REINFORCING
WITH EXTRUDED SCREW HOLES
PROVIDES EQUIVALENT THREAD
ENGAGEMENT EQUAL TO 14 GAGE.
STANDARD FOR 1–3/4" DOORS

LOCK STRIKE PREPARATION



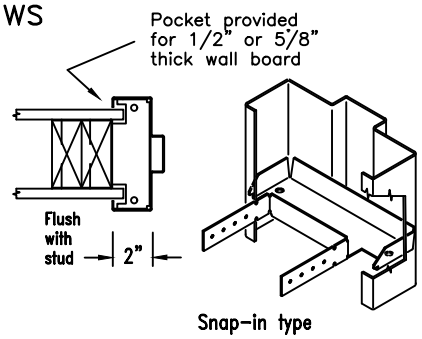
C

CYLINDRICAL (2–3/4")
ANSI A115.2 TEMPLATE
16 GAGE STEEL REINFORCING
WITH EXTRUDED SCREW HOLES
PROVIDES EQUIVALENT THREAD
ENGAGEMENT EQUAL TO 14 GAGE.
OPTIONAL FOR 1–3/4" DOORS

ALSO AVAILABLE WITHOUT LIP
NOTCH FOR DEADBOLTS.

WOOD STUD ANCHOR

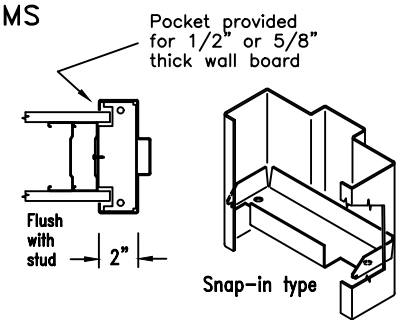
WS



(Used also for METAL STUD Walls)

METAL STUD ANCHOR

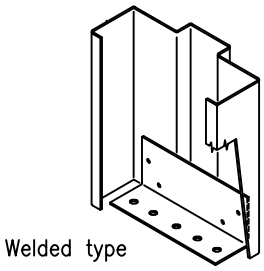
MS



4–3/4" and 5–3/4" Depth Only
For other depths use WS type.

FIXED FLOOR ANCHOR

SA



ONE PIECE

CecoDoor

10/18/19

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ASSA ABLOY

PRODUCT SPECIFICATIONS:

Steel door frames shall be as manufactured by Ceco Door Products, Milan, TN or Mason City, IA USA. They shall conform to the Steel Door Institute guide specification, ANSI A250.8. See chart below for performance classifications.

Series SU frames for 1-3/4" doors are formed from commercial quality cold rolled steel conforming to ASTM A1008 ...or (optional) hot-dipped galvannealed or galvanized steel conforming to ASTM A924 and A653 - see chart below.

Frames are knocked down (K.D.) field assembled type or welded unit type. Head and jamb members of K.D. frames have diecut mitered corners that interlock rigidly when field assembled. Integral door stops are 5/8" high. Jambs are sized to suit wall applications. Twist-in anchors are available for new masonry, wood stud, metal stud, or existing opening wall conditions (indicate which). Floor anchors or extra jamb anchors are provided to anchor sill. Welded-in jamb anchors are also available.

Hardware Provisions: Frames are handed. Hinge jambs are mortised for 4-1/2" or 5" high, standard and heavy weight hinges (specify which). 7 gage steel reinforcements are welded in place and are drilled and tapped for fasteners in accordance with ANSI A156.7. The strike jamb is prepared for 4-7/8" universal or 2-3/4" cylindrical strike in accordance with ANSI A 115.1 &2 (specify which). Plaster guards are provided. Optional closer reinforcement is a 14 gage steel formed steel sleeve (12 gage upon request). 3 mute holes are provided per strike jamb and 2 for double swing heads.

Paint: Steel door frames are provided with one coat of oven-cured neutral color primer paint. Primer coat shall conform with ANSI A250.10. The primer coat is a preparatory base for necessary finish painting. "Colorstyle" finish coat is also available on K.D. frames from a selection of standard colors (optional). Colorstyle finish is electrostatically applied, oven-cured urethane enamel, and shall conform to ANSI A250.3. For accurate color selectors ask for a Ceco Colorstyle chart.

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH		HEIGHT
SINGLE	DOUBLE	
2'–0"	4'–0"	
2'–4"	4'–8"	
2'–6"	5'–0"	6'–8"
2'–8"	5'–4"	7'–0"
2'–10"	5'–8"	7'–2"
3'–0"	6'–0"	7'–10"
3'–4"	6'–8"	8'–0"
3'–6"	7'–0"	9'–0"
3'–8"	7'–4"	10'–0"
3'–10"	7'–8"	
4'–0"	8'–0"	
5'–0"	10'–0"	

FIRE DOORS

LABELING AGENCIES:

- UNDERWRITERS LABORATORY
- WARNOCK HERSEY
- FACTORY MUTUAL

TEST: UL10B, UL10C, UI1784 & NFPA 252

- RATING: 20 MIN, 3/4 HR, 1 HR, 1–1/2 HR, OR 3 HR
- MAX. SIZE: 4'0" x 10'0" SINGLE 8'0" x 10'0" PAIR

Not all ratings are available in all sizes, designs and materials.
Hourly classifications are not shown on label unless class is less than 3 hours.

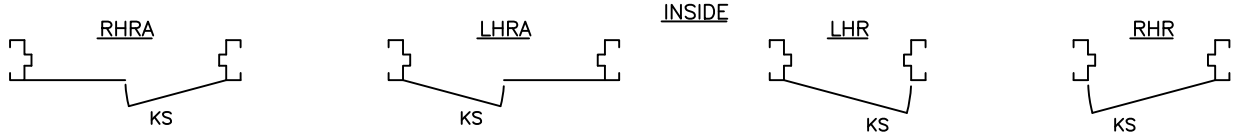
MATERIAL

DOOR FRAME MATERIAL	LEVEL	C.R.	GALV	
			A60	G90
16 Gage Steel	Heavy or Extra Heavy Duty	STD	OPT	OPT
14 Gage Steel	Maximun Duty	STD	OPT	OPT

(Conversion: 1" = 25.4 mm, e.g., 1–3/4" = 44.45 mm)

PERFORMANCE

Physical Endurance Level:	Meets ANSI A250.4 Performance Test –– 16 & 14 gage steel: Level A (1,000,000 Cycles)



"SUFFIX"A" = ACTIVE LEAF OF PAIRS

"KS" = KEY SIDE

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CecoDoor

ASSA ABLOY

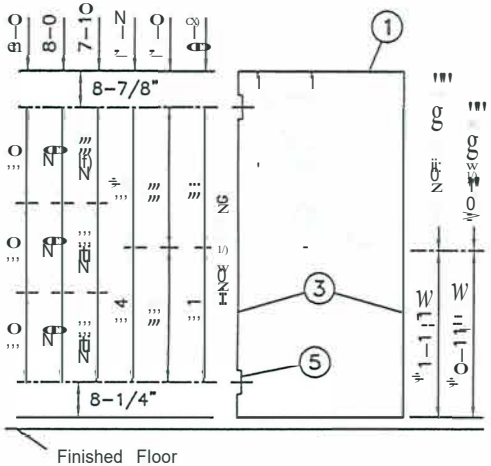
DOOR DESIGNS

D B LJ

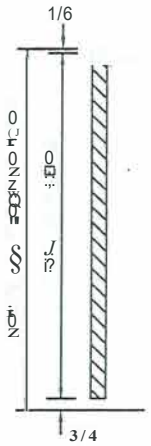
F G G2 G3 V N636 N660 GLB LB LD LT

APPLIED LOWERS

"N" NARROW LITE SIZES ARE AVAILABLE IN 6" AND 6" WIDTHS AND IN 36" TO 60" HEIGHTS, IN 4• INCREMENTS.



DOOR ELEVATION



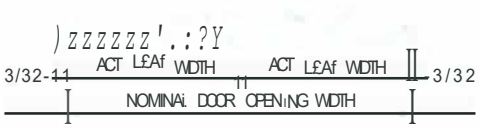
VERTICAL SECTION

EIBE_QQQBS

TEST: UL108, UL10C
USC 7-2

LABELING AGENCIES:
UNDERWRITERS LABORATORY, INC.
WARNOCK HERSEY INTL.

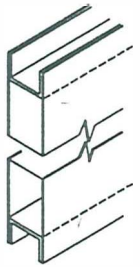
RATING: 20 MIN THRU 3 HR
MAX. SIZE: 40 x 80 SINGLE
• 80 x 80 PAIR
• 90 x 90 W/ VERT RODS
DESIGNS: F, G, N, & V



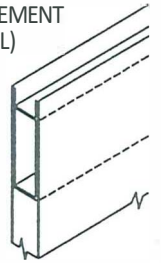
HORIZONTAL SECTIONS

1-3/4" LEGION (LP) DOOR

G) END CHANNELS



@ CLOSER REINFORCEMENT (OPTIONAL)

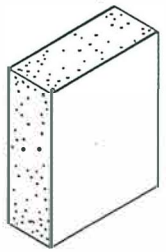


@ VERTICAL EDGES

MECHANICALLY INTERLOCKED HEMMED EDGES

ALSO AVAILABLE SEAMLESS (WELDED OR BODY FILLER)

@ CORE

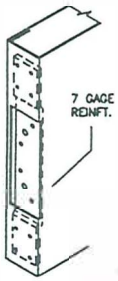


@ HINGE PREPARATION

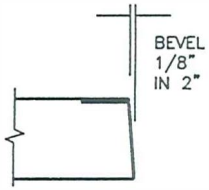
4-1/2 OR 5 IN. HIGH, STANDARD OR HEAVY WEIGHT, FULL MORTISE HINGES

ANSI A156.7 TEMPLATE

HANDED

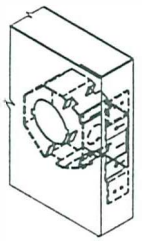


@ LOCK EDGE



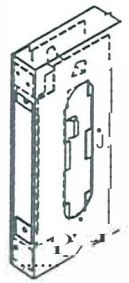
(J) LOCK PREPARATIONS

(LC 1)
GOV. 160/161 CYLINDRICAL LOCK PREP (ANSI A115.2) 2-3/4" BACKSET



(LM1)
GOV. 86 MORTISE LOCK PREP (ANSI A115.1) 2-3/4" BACKSET

(LMO)
SIMILAR TO DETAIL LESS FACE CUTOUT



Ceco Door Products

DRAWN BY ____ DATE ____
CHK'D BY ____ DATE ____
SHT __ CONTRACT NO.

JSS!.1E DATE | REVISIONS | BY

EQB_HANQ_& _sw1NG SEE DOOR SCHEDULE | v

.liiil.E: fOR GLAZING TRt4, LOWERS OR ASTRAGALS REQUIRED SEE DOOR SCHEDULE & ACCESSORY SHEET

CORE THERMAL INSULATION
SOUND TRANSMISSION
PHYSICAL ENDURANCE TEST
O A TA

U FACTOR: 0.31
R FACTOR: ;i.2;i

SOUND TRANSMISSION CLASS (STC): 23 F DESIGN, 16 GAGE FACE SHEETS - - ASTM E90-81 & E413-73 (FULLY OPERABLE)

MEETS OR EXCEEDS ANSI A 250.4 PERFORMANCE TEST:
20 **9090** stool (500,000 cycles); 18 & 16 **9090** steel (1,000,000 cycles).

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