

*Recommended Details for*  
**Standard Steel Doors,  
Frames, Accessories  
and Related Components**

The information that follows represents the Standard Steel Door and Frame Industry's considered views on a number of details normally encountered in building plans and specifications.

The Steel Door Institute recommends that they be followed except when very unusual details necessitate special drawings. The enclosed may be used as a reference document or added directly to the job drawings.



**STEEL DOOR INSTITUTE**

30200 DETROIT ROAD • CLEVELAND, OH 44137



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## Recommended Selection and Usage Guide for Standard Steel Doors, Frames and Accessories

### Table of Contents:

- 111-A** Recommended Standard Steel Door Frame Details
- 111-B** Recommended Standard Details for Dutch Doors
- 111-C** Recommended Louver Details for Standard Steel Doors
- 111-D** Recommended Door, Frame and Hardware Schedule for Standard Steel Doors and Frames
- 111-E** Recommended Guidelines for the Use of Gasketing and Thresholds for Standard Steel Doors and Frames
- 111-F** Recommended Existing Wall Anchors for Standard Steel Doors and Frames
- 111-G** Recommended Standard Preparation for Double Type (Interconnected) Locks on Standard Steel Doors and Frames
- 111-H** High Frequency Hinge Preparations for Frames

### Definition of “STANDARD”

We call our products Standard for three reasons:

**FIRST**, because our products are made to conform to published standards and established dimensions.

**SECOND**, our products are manufactured to meet established performance requirements.

**THIRD**, the fabrication of our products is controlled by standard manufacturing procedures which ensure uniform high quality.

*Recommended*  
**Standard Steel Door  
Frame Details**



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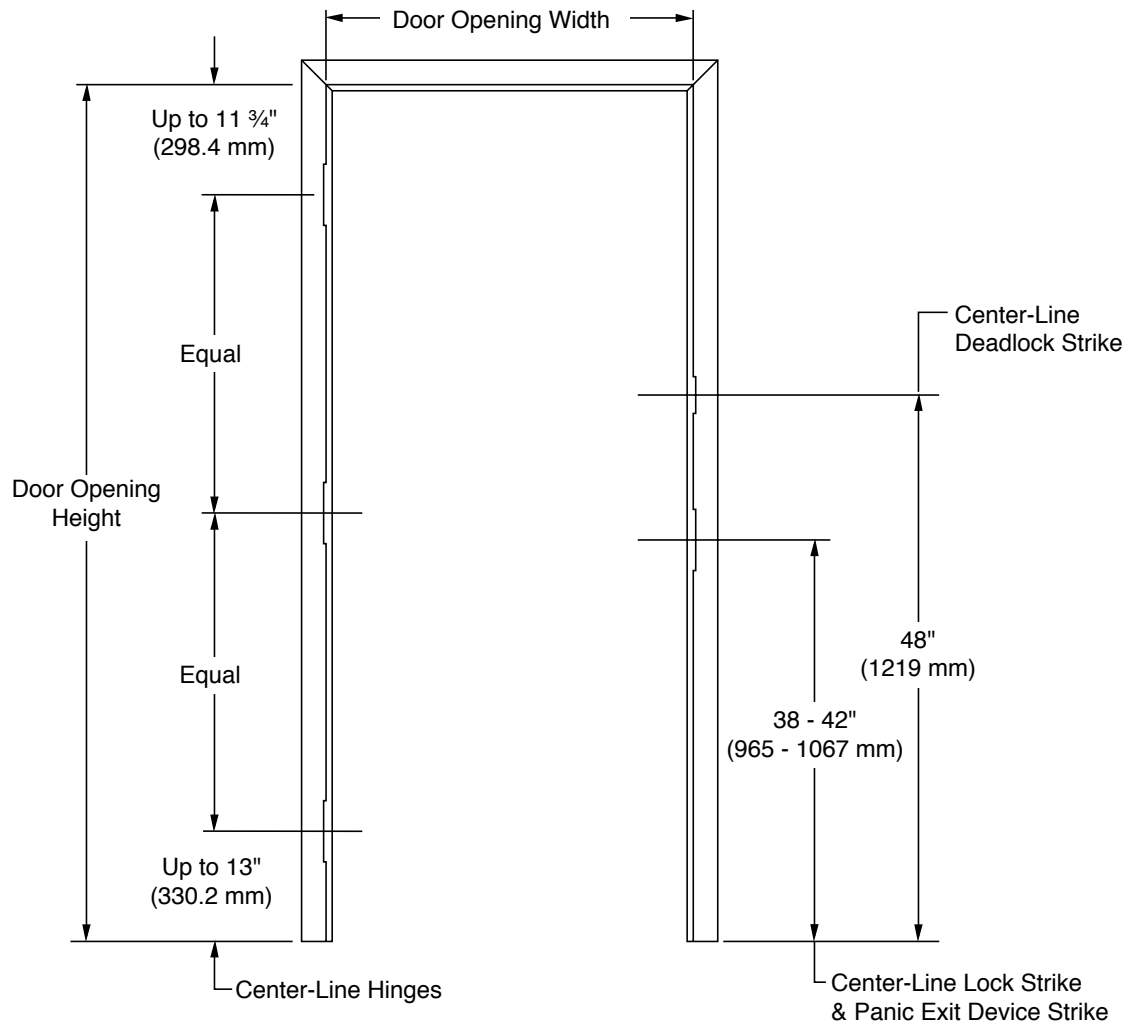
30200 DETROIT ROAD • CLEVELAND, OH 44117



**Documents**

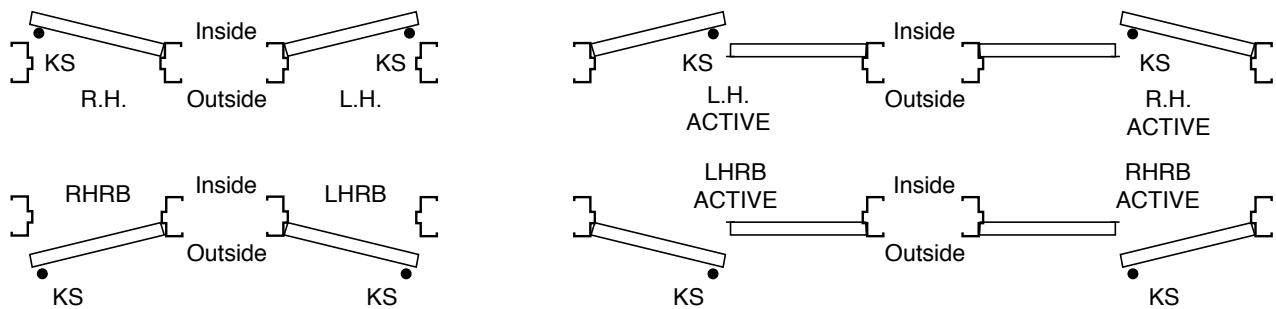
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## Hardware Locations



Note: Center Hinge Omitted on 6' 8" (2032mm), 1  $\frac{3}{8}$ " (34.5mm) Doors, Unless Specified.

## Handing Chart

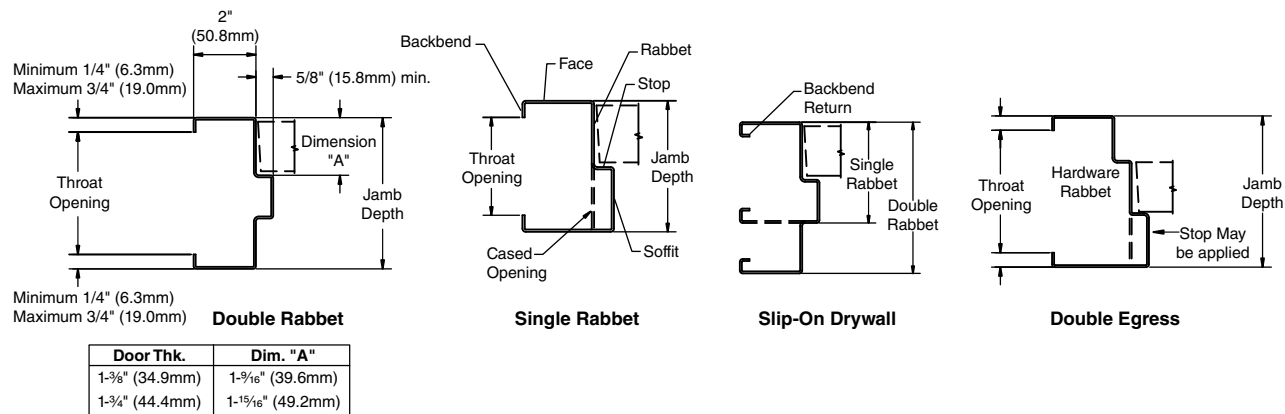


KS indicates keyed side of lockset.

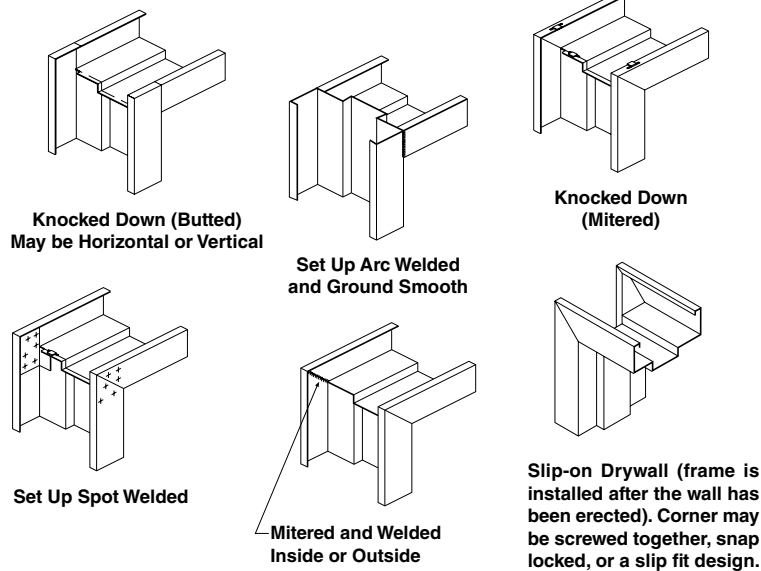


# Standard Frame Details

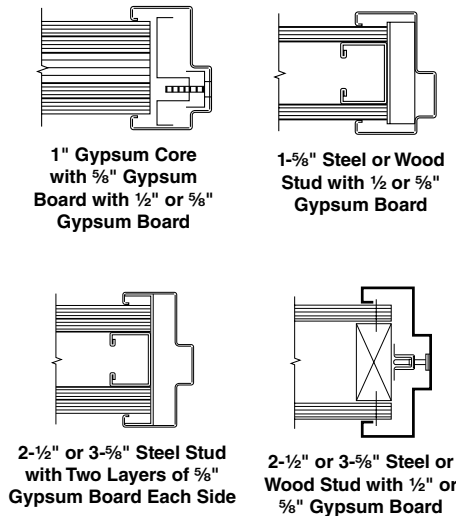
## Standard Profiles



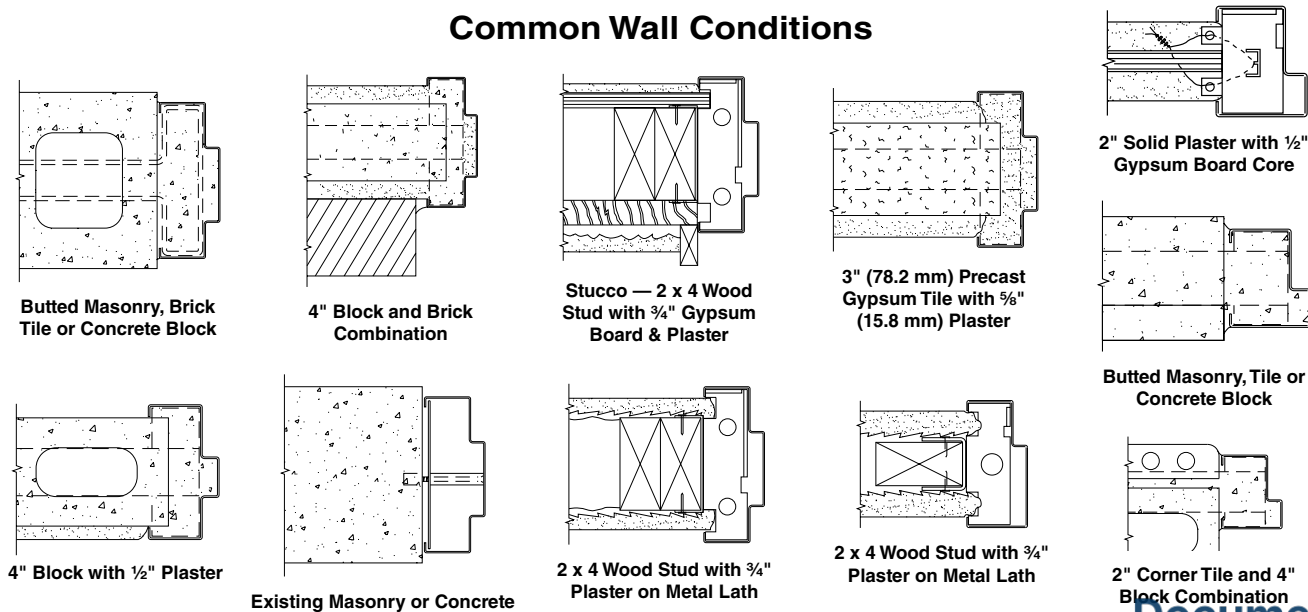
## Corners



## Drywall

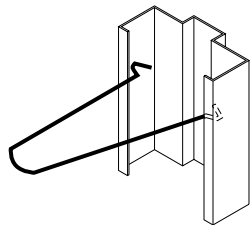


## Common Wall Conditions

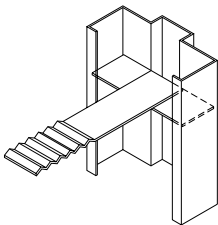


# Special Frame Construction Details and Typical Hardware Preparations

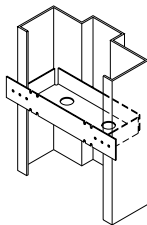
## Anchor Details



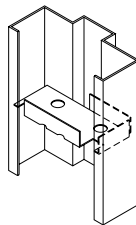
Masonry Wire Anchor



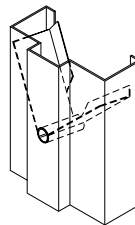
Masonry Tee Anchor



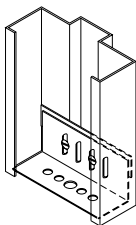
Wood Stud Anchor



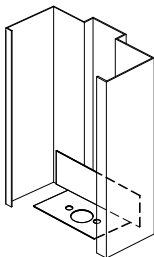
Steel Stud Anchor



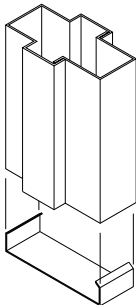
Existing Wall Anchor



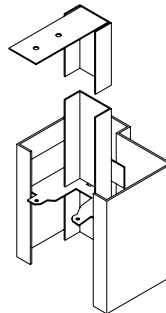
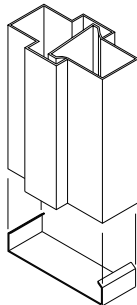
Adjustable Base Anchor



Standard Base Anchor

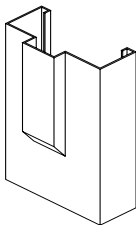


Typical Mullion Sections  
with Base Anchor

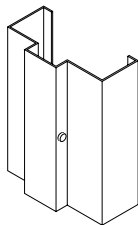


Plaster Partition Anchor  
(Ceiling Strut Optional)

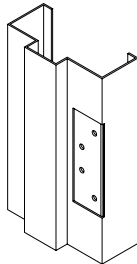
## Special Frame Details



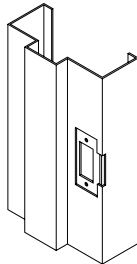
Hospital Stop



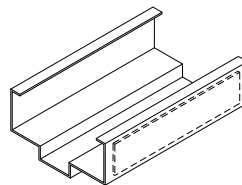
Rubber Silencers



Mortise Hinge



Strike



Surface Hardware Reinforcement.  
Weld-in Reinforcement Shown,  
Loose Reinforcing Sleeve Available  
for Field Installation.

## Hardware Preparations

## Recommended Standard Details for Dutch Doors

