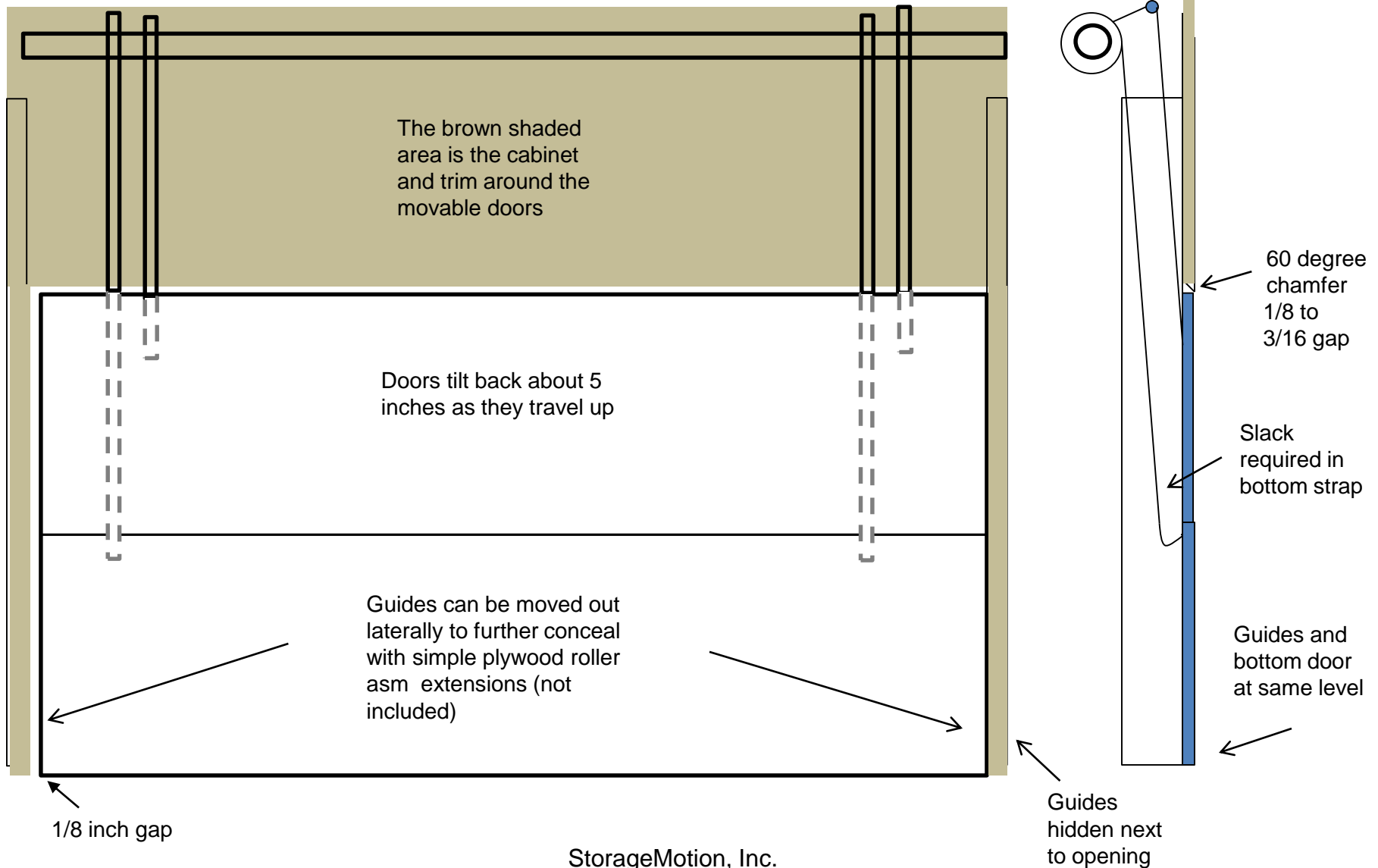




Dual panel Automated Door Drive - Two Panel up - Closed Flush

- Two panels both going up, typically used for hiding TVs
- Doors tilt back approx 5 inches and move up behind a fixed panel.
- When closed, the doors are flush with their surrounding panels.
- The fixed panel above the door must be chamfered so that the movable doors can tilt back properly.
- The door drive is a motor tube with lifting straps. Starting and stopping points for the door are set at installation.
- Doors are not included. System includes tracks , motor drive and controls.
- Controls available include IR remote , RFQ remote, low voltage switch, 120 volt switch and Home Automation Integration.
- Custom guides and roller assemblies available as needed

Overall Layout



Motor Tube Placement

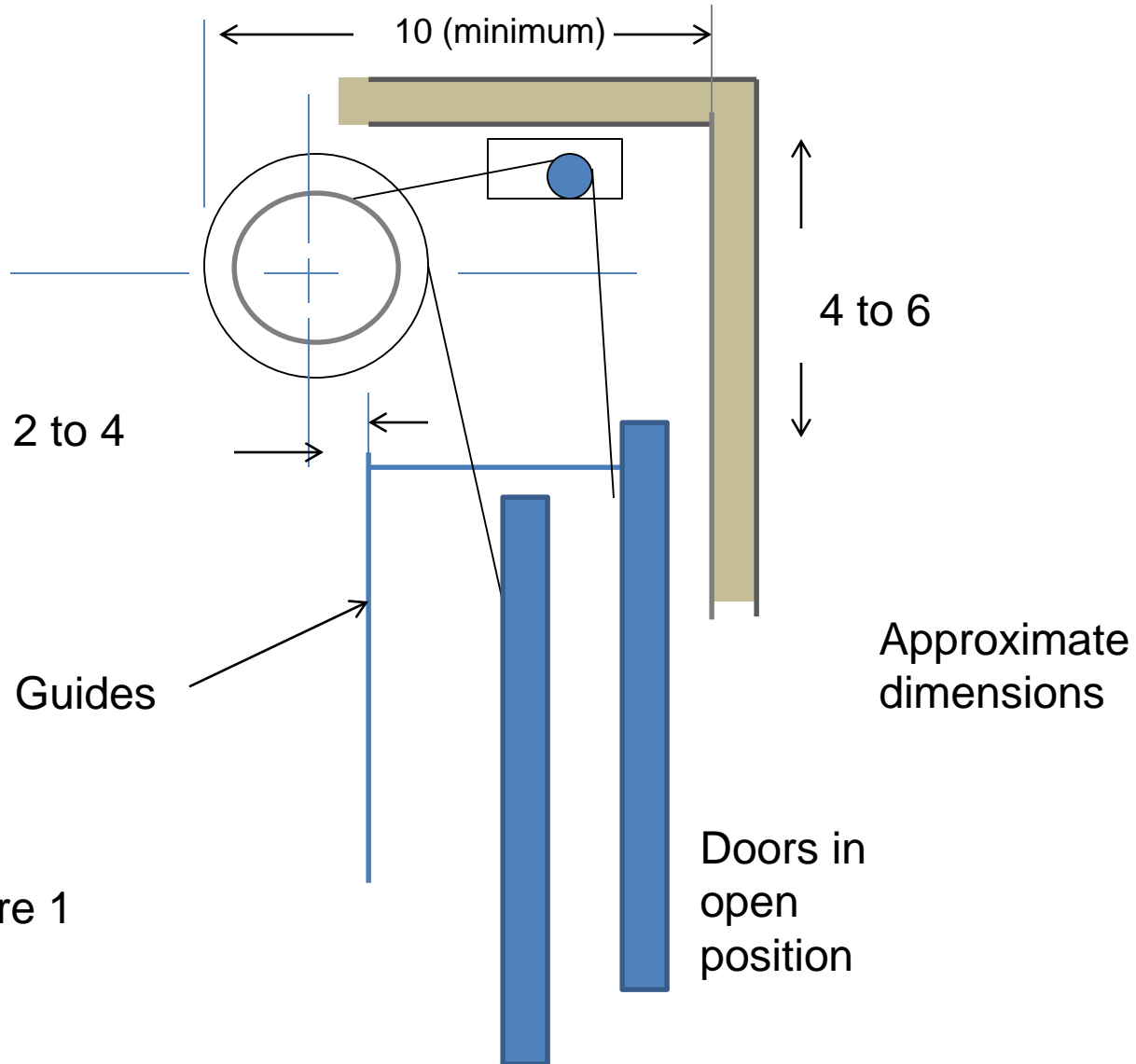
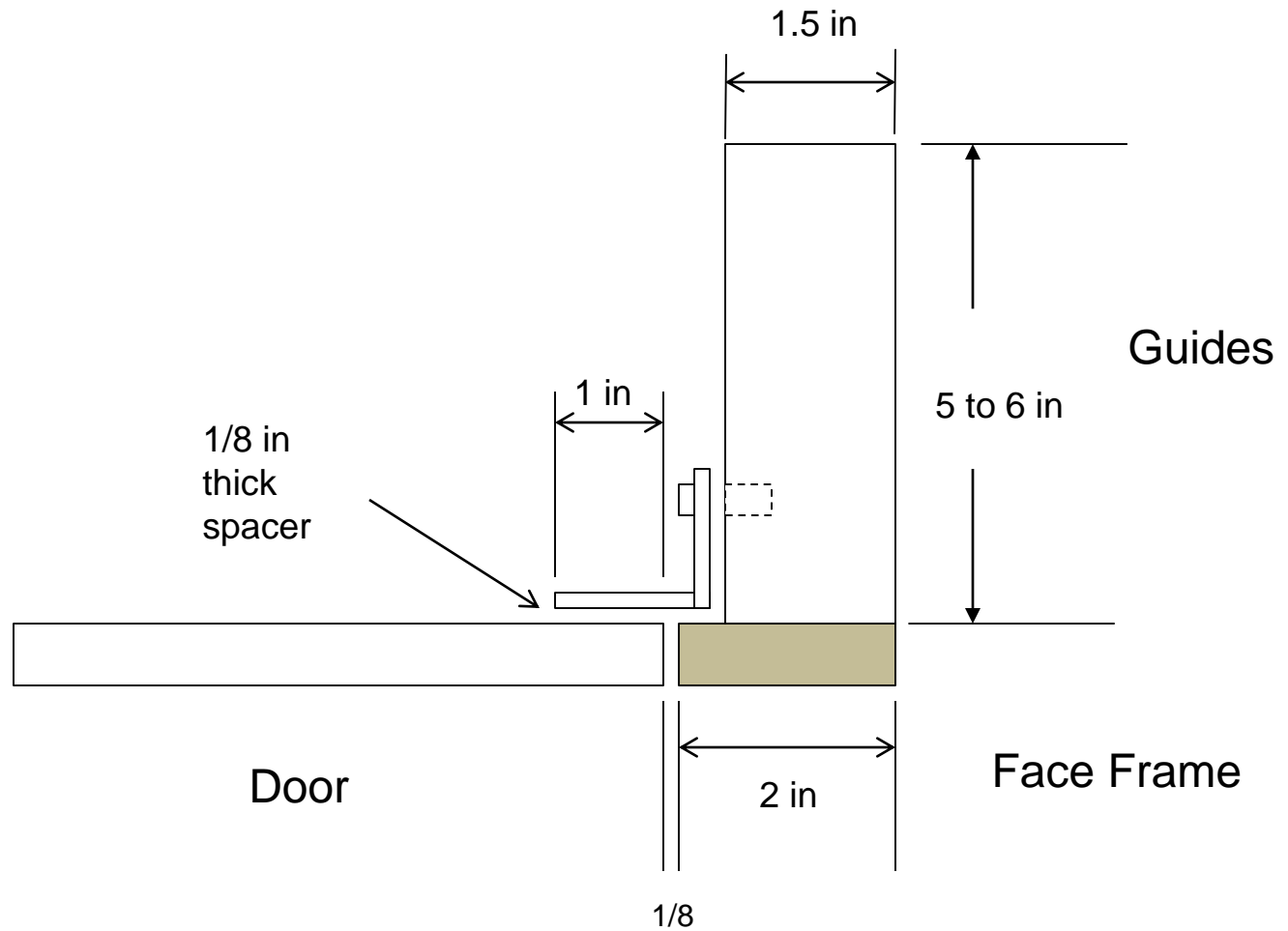


Figure 1

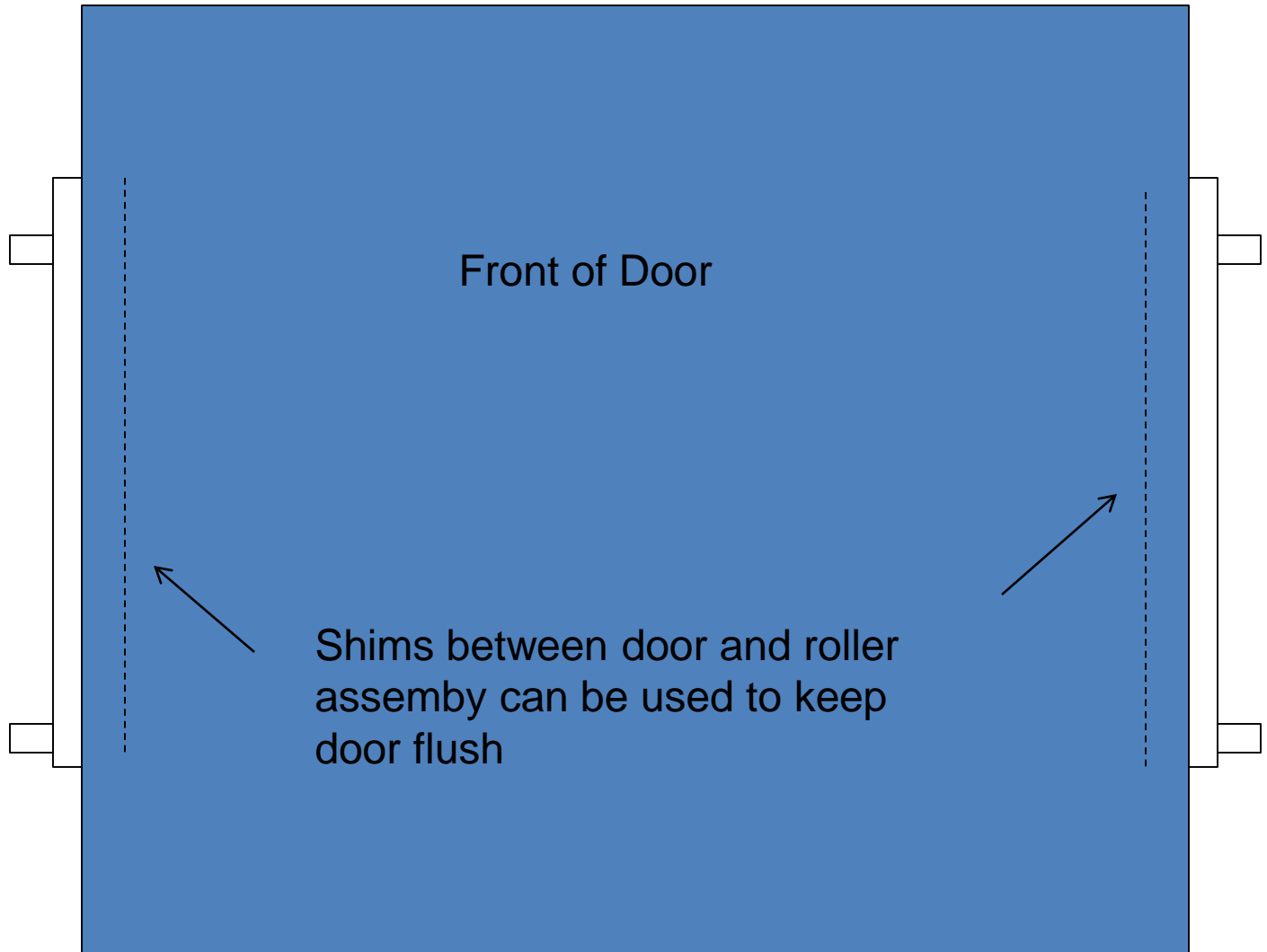
Guide Placement



Roller Assembly

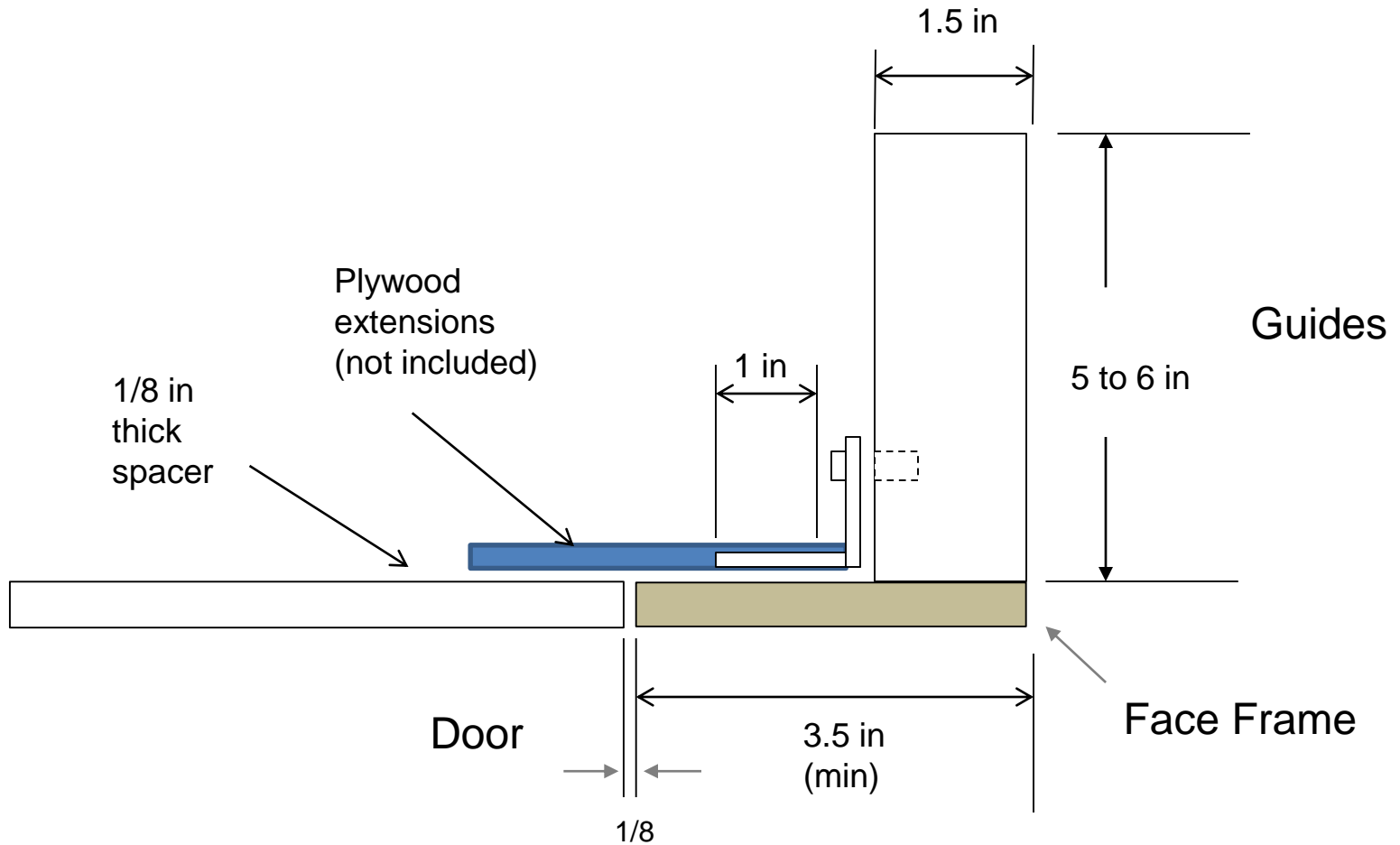
Roller Assembly must extend 3/8 inch beyond door

Roller Assembly integrates with guides to control the door travel



Shims between door and roller assembly can be used to keep door flush

Guide Placement (Optional Approach)



Guides/tracks - detail

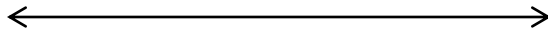


STORAGEMOTION^{INC.}

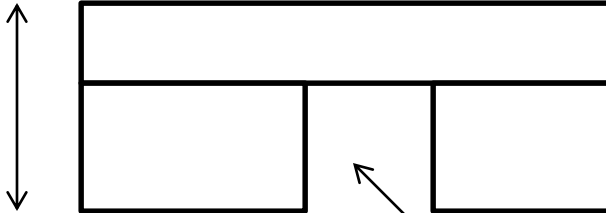
NTS

Top View

5 to 6 inches



1 1/2 inches



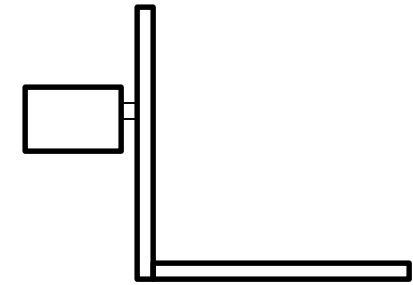
Padded slot
for roller

Length of
guides for a 2
panel door is
1.5 times the
height of
the door
opening

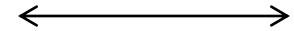


Roller Assembly - detail

Top View



1 1/2



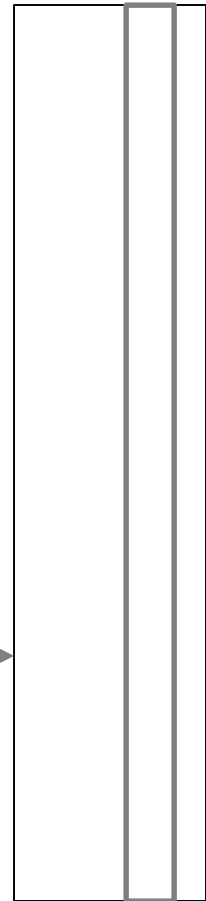
Length of
Roller
Assembly
depends on
height of the
door



Guides – are used to control the door articulation as it moves up and down

Guides

Guide dimensions are usually 5 or 6 inches wide by 1.5 times the height of the opening and 1.5 inches thick
Only a partial guide section is shown



1/8 to 3/16 gap

Fixed panel above doors

60 degree chamfer required