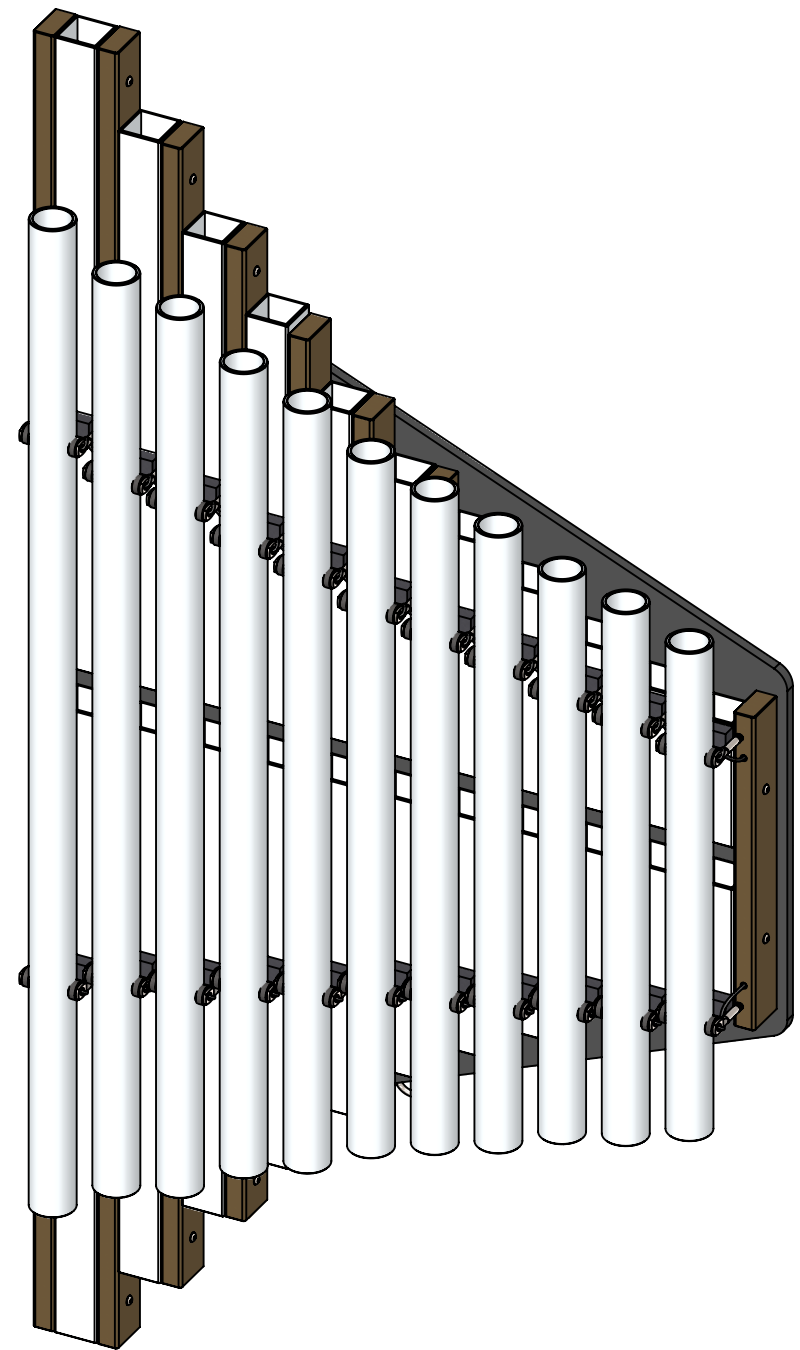
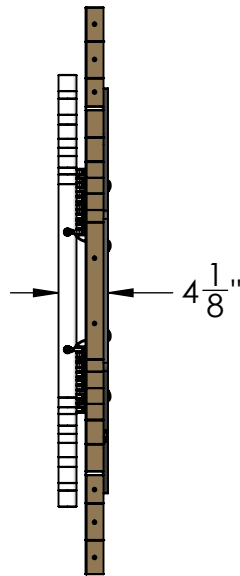
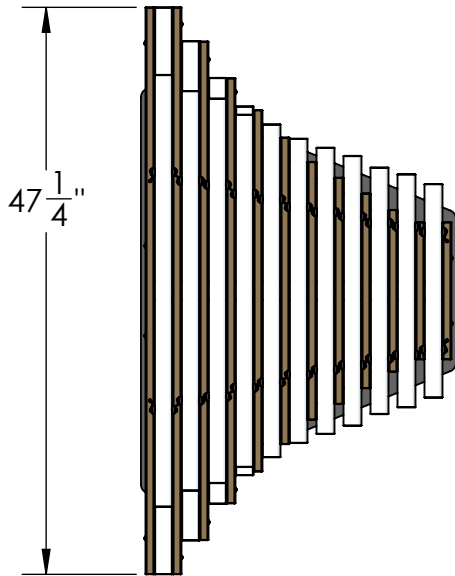
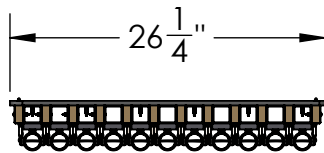


# GRIFFIN

Producing rich, full tones, this aluminum resonated metallophone has anodized aluminum chimes. Patterned after the *Swirl*, the warm tones linger for three to five seconds, making it similar to finger painting with sound.

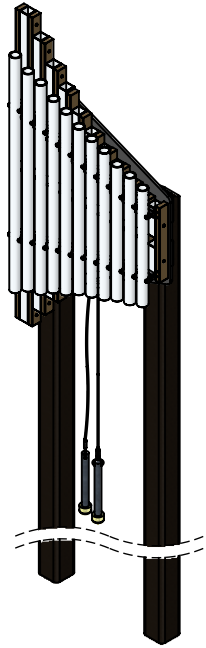
## C MAJOR PENTATONIC



## MOUNTING OPTION IDENTIFICATION:

This instrument is offered with various mounting options. Identify your option below and follow installation instructions on the following sheets.

### Recycled Post In-Ground Sheet 3 of 6



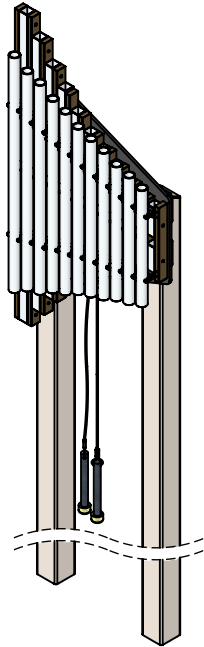
#### Parts List:

- Griffin Instrument Assembly (1)
- In-Ground Post (2)
- 1 1/4" Tamper-Resistant Screw (12)
- Security Driver (1)

#### Weights:

Boxed Instrument Weight, 60 lbs.  
Boxed Post Weight, 74 lbs.

### Steel Post In-Ground Sheet 3 of 6



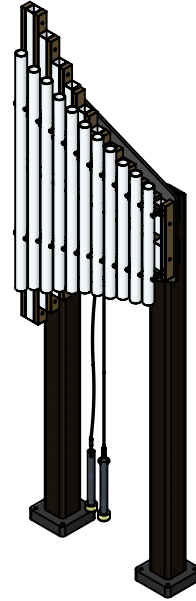
#### Parts List:

- Griffin Instrument Assembly (1)
- In-Ground Post (2)
- 1" Tamper-Resistant Screw (12)
- 10-24 Tap (1)
- 11/64" Drill Bit (1)
- Security Driver (1)

#### Weights:

Boxed Instrument Weight, 60 lbs.  
Boxed Post Weight, 87 lbs.

### Recycled Post Surface Mount Sheet 4 of 6



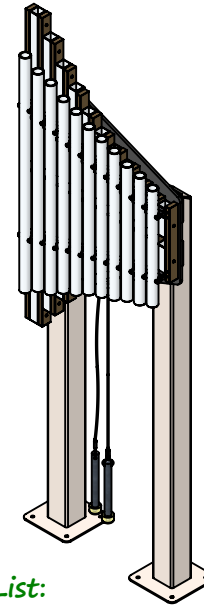
#### Parts List:

- Griffin Instrument Assembly (1)
- Surface Mount Post (2)
- 1 1/4" Tamper-Resistant Screw (12)
- Security Driver (1)
- Ø 3/8" x 5" Anchor Bolt (8)
- Plastic Anchor Cap (8)

#### Weights:

Boxed Instrument Weight, 60 lbs.  
Boxed Post Weight, 62 lbs.

### Steel Post Surface Mount Sheet 4 of 6



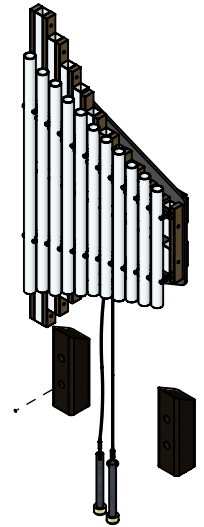
#### Parts List:

- Griffin Instrument Assembly (1)
- Surface Mount Post (2)
- 1" Tamper-Resistant Screw (12)
- 10-24 Tap (1)
- 11/64" Drill Bit (1)
- Ø 3/8" x 3 3/4" Anchor Bolt (8)
- Plastic Anchor Cap (8)

#### Weights:

Boxed Instrument Weight, 60 lbs.  
Boxed Post Weight, 65 lbs.

### Recycled Post Wall Mount Sheet 5 of 6



#### Parts List:

- Griffin Instrument Assembly (1)
- Wall Mount Post (2)
- 1 1/4" Tamper-Resistant Screw (12)
- Security Driver (1)
- Ø 3/8" x 5" Anchor Bolt (2)

#### Weights:

Boxed Instrument Weight W/  
Wall Mount Posts, 75 lbs.

## RECYCLED AND STEEL POST IN-GROUND INSTALLATION PROCEDURES

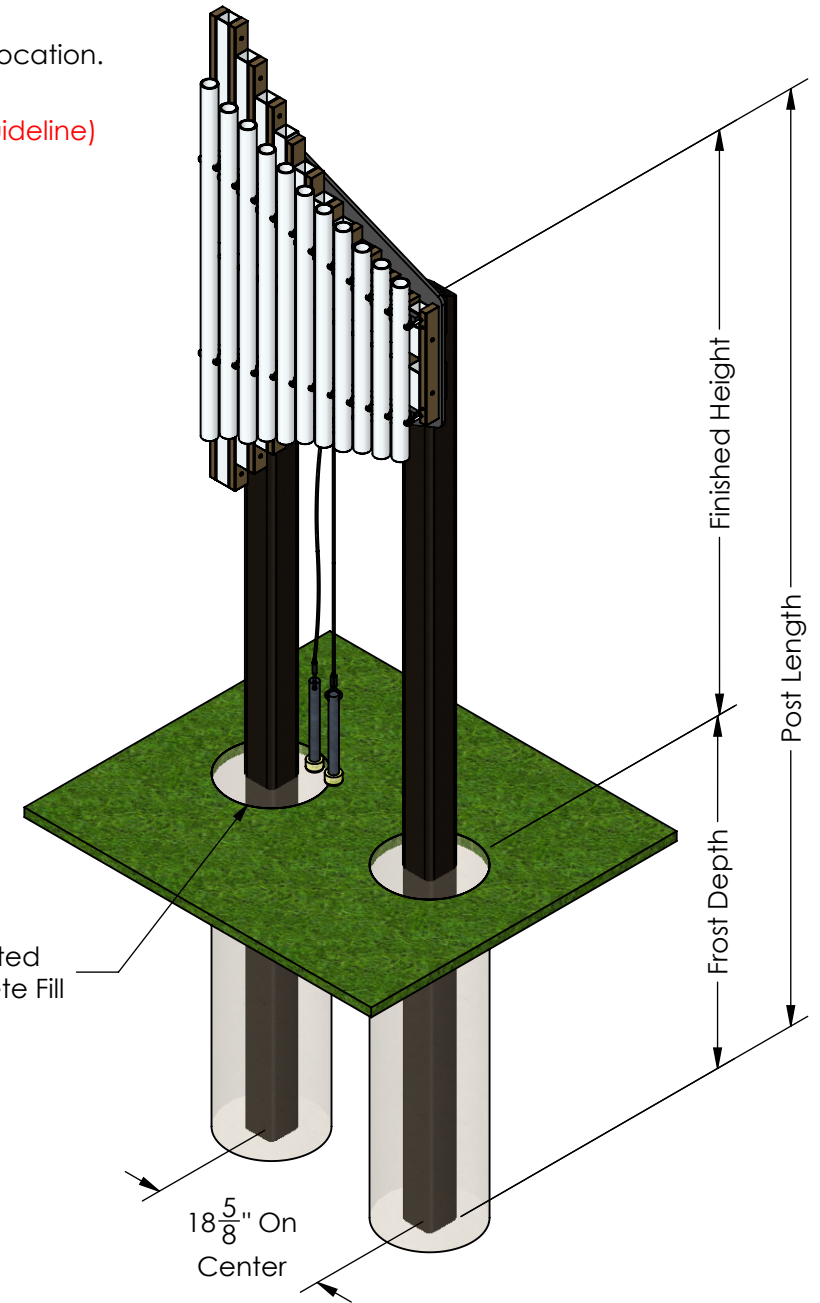
**Step 1:** Excavate two 10" diameter hole, 36" deep, and 18 5/8" on center at the installation location.  
Contractor can modify post to desired height.  
**Post Length = Frost Depth (36" Recommended) + Finished Height (Refer to Height Guideline)**

**Step 2:** Lower the posts into the excavated holes.

**Step 3:** Refer to sheet 6 for installation of instrument to posts.

**Step 4:** Verify the correct placement, levelness, plumbness, and finished height of the instrument. Also check for sufficient clearance around the instrument. A 36" radius is recommended around the instrument for wheelchair accessibility, however this is not required for instrument function. Instrument may be installed next to a wall or in a variety of different configurations.

**Step 5:** Last pour concrete around the posts. It is recommended to brace the instrument to hold it rigid while the concrete cures. Leave to set according to the concrete manufacturers guidelines. Approximately (4) 80lb. bags will be needed.



### FINISHED HEIGHT GUIDELINE

Ages 3-5, 39"  
Ages 5-7, 43"  
Ages 7-11, 51"  
Adult, 60"

Ø 10" Excavated  
Hole W/Concrete Fill

18 <sup>5</sup>/<sub>8</sub>" On  
Center

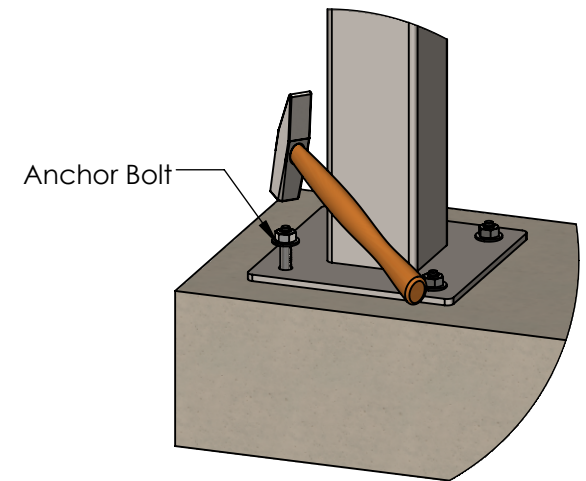
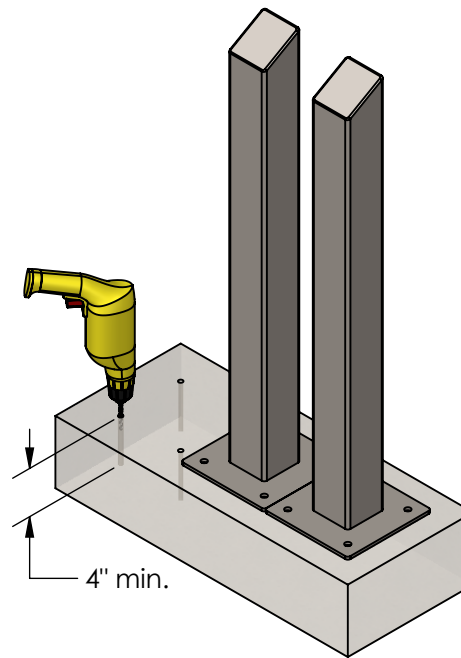
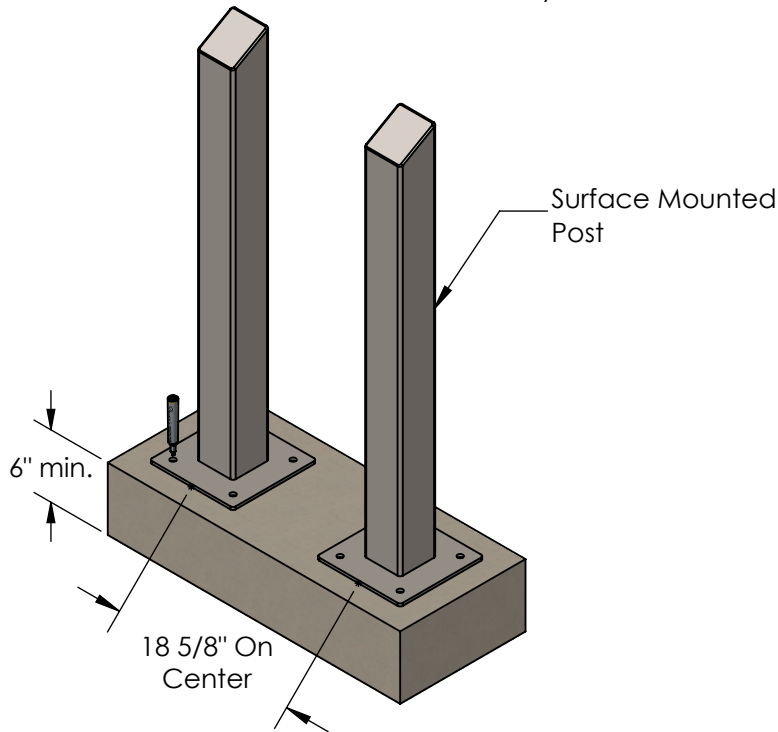
Finished Height

Post Length

Frost Depth

# RECYCLED AND STEEL POST SURFACE MOUNT INSTALLATION PROCEDURES

- Step 1:** Determine installation location. Verify concrete footing is a minimum of 6" thick. If the concrete pad is at an angle, steel washers are required to act as shims. (Shims not provided)
- Step 2:** Stand the surface mount post upright onto the concrete pad with a 18 5/8" offset on center. Mark the center of the holes on the surface mount plates. After you have made your marks, set aside the posts in order to drill for anchor holes. With a hammer or rotary drill, drill through the concrete at marked locations. Drill to a minimum depth of 4". (A 3/8" masonry drill bit will be needed)
- Step 3:** Place the surface mounted posts back over the drilled out holes. Insert provided anchor bolts into aligned holes. Position anchor nut so that it is flush with the top of the bolt. Pound anchor bolts into the hole until the anchor washer is flush with the post base. Tighten anchor bolts until they are snug. Cover remaining bolt sections with provided plastic caps.
- Step 4:** Refer to sheet 6 for installation of instrument to posts.
- Step 5:** Verify the correct placement, levelness, plumbness, and finished height of the instrument. Also check for sufficient clearance around the instrument. A 36" radius is recommended around the instrument for wheelchair accessibility, however this is not required for instrument function. Instrument may be installed next to a wall or in a variety of different configurations.





# WALL MOUNT INSTALLATION PROCEDURES

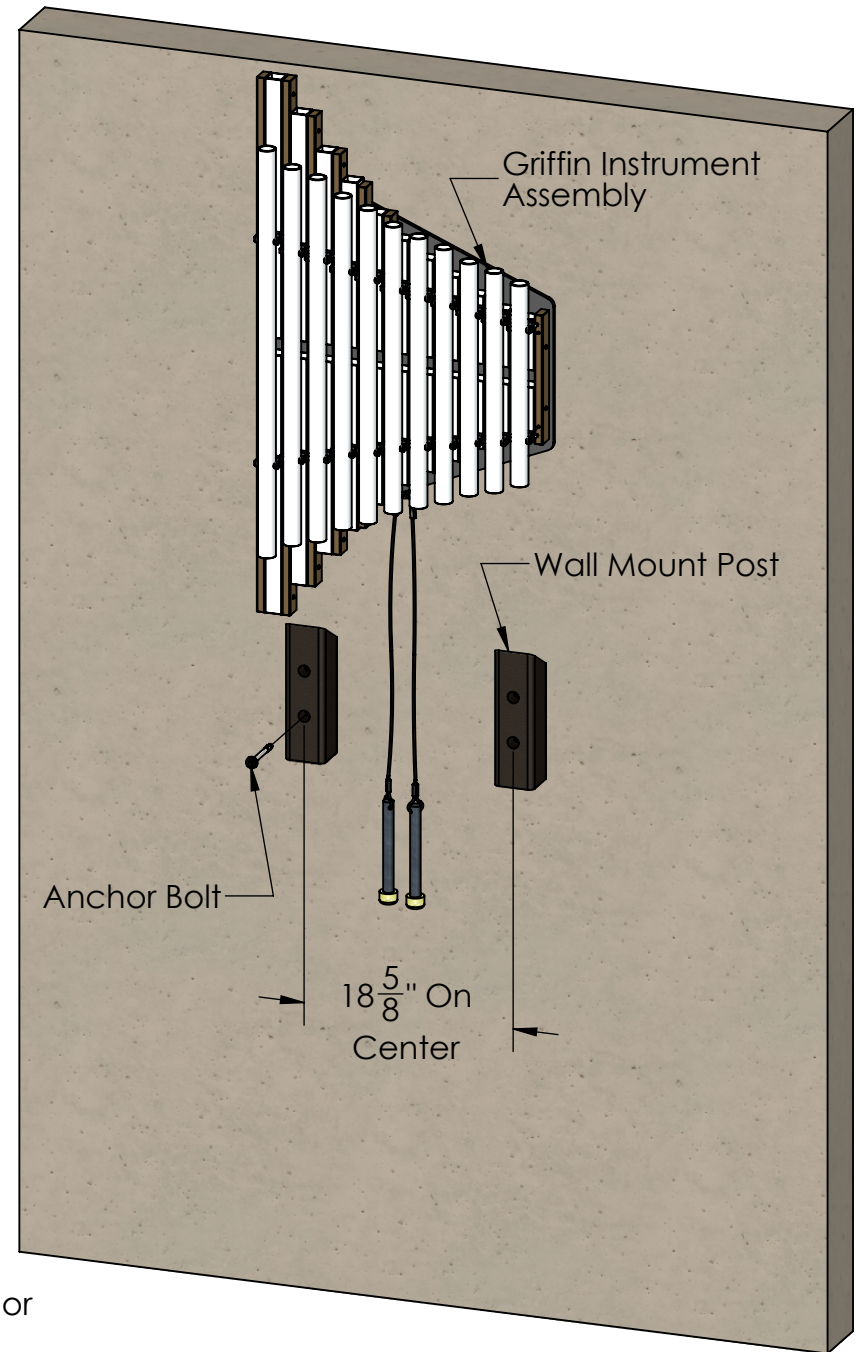
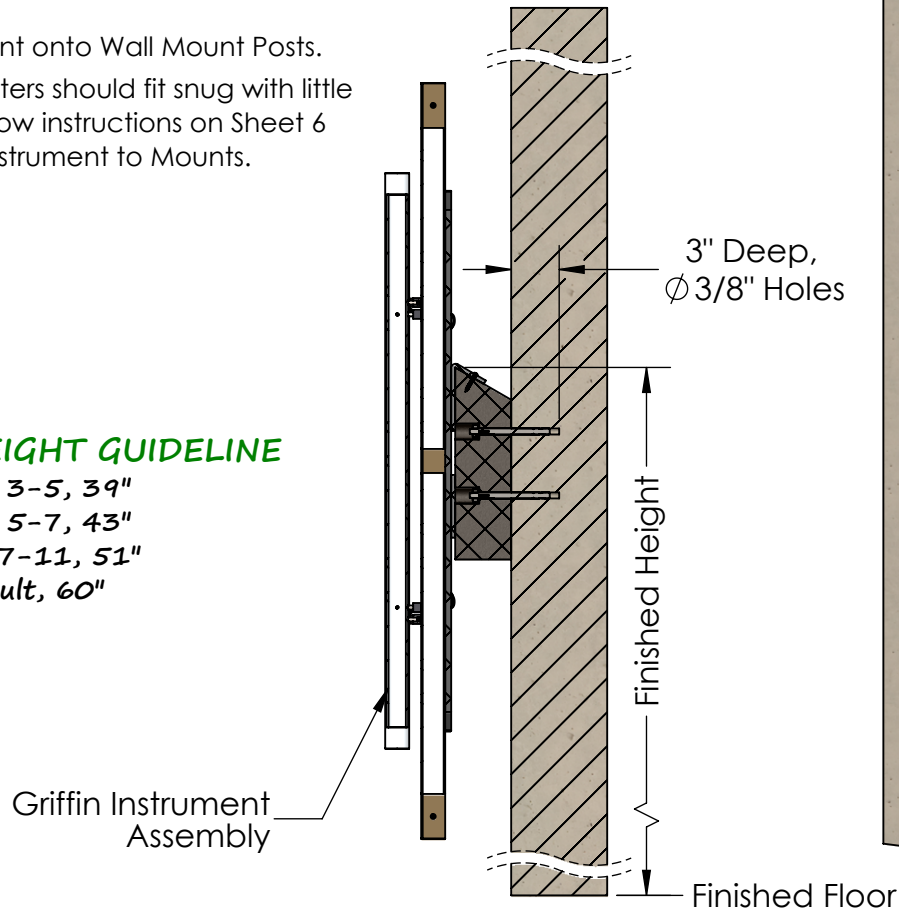
**Step 1:** Mount the Wall Mount Posts to playing surface at the desired Finished Height, (Refer to Finished Height Guideline) and at 18 5/8" on center. If mounting to Concrete use the provided Anchor Bolts. Anchor holes should be drilled to a depth of 3" with a 3/8" Masonry Bit. The same steps 2 and 3 on Sheet 4 can be used for Anchor Bolt installation. (If anchoring to material other than concrete, fasteners are to be provided by customer)

**Step 2:** Verify the correct placement, levelness, plumbness, and finished height of Wall Mount Posts.

**Step 3:** Lower Instrument onto Wall Mount Posts. Instrument Holders should fit snug with little to no play. Follow instructions on Sheet 6 for fastening Instrument to Mounts.

## FINISHED HEIGHT GUIDELINE

Ages 3-5, 39"  
 Ages 5-7, 43"  
 Ages 7-11, 51"  
 Adult, 60"



## INSTRUMENT TO POST INSTALLATION PROCEDURES

**Step 1: (Recycled Post Only)** With two people, situate the instrument onto the posts. Predrill 1/8" pilot holes into the posts through the existing holes on the instrument holster. Fasten the instrument to the posts with the provided 1 1/4" tamper-resistant screws and security driver.

**(Steel Post Only)** With two people, situate the instrument onto the posts. Predrill 1 1/64" pilot holes into the posts through the existing holes on the instrument holster. Next tap the holes with the provided 10-24 Tap, the Tap may be used with a cordless drill. Last fasten the instrument to the posts with the provided 1" tamper-resistant screws and security driver.

