

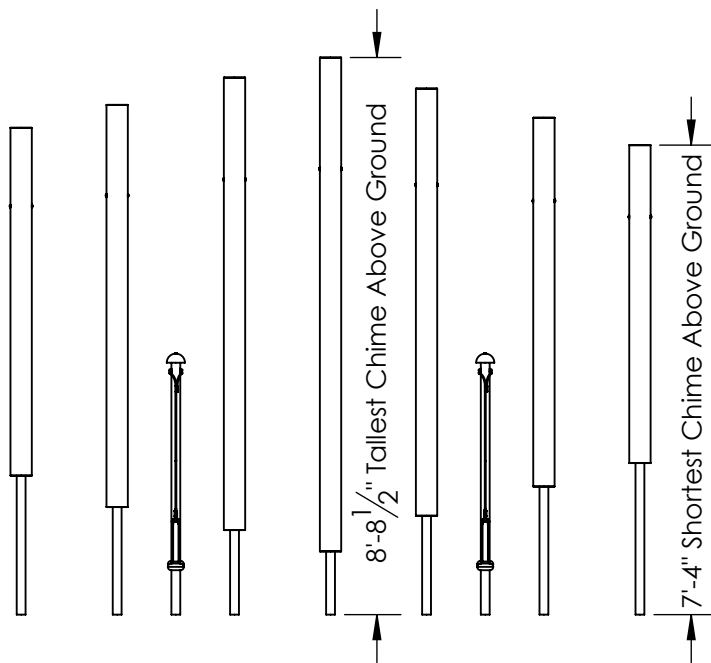
# Contrabass Chimes

C MAJOR PENTATONIC



## Features:

- Steel Powder Coated Support Poles
- Anodized Aluminum Chimes
- Stainless Steel Hardware



[In-Ground Installation Instructions](#)  
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[Surface Mount Installation Instructions](#)  
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# IN-GROUND INSTALLATION PROCEDURES

**Step 1:** Determine your layout. Chimes are numbered from Longest #1 to Shortest #7. Spacing between Chimes and Mallet Poles must be maintained per the diagram shown to allow the Mallets to reach each Chime. Although the Chimes can be laid out in a variety of styles such as an arc, wave, or straight-line; we suggest one of the following layout ordering:

- #6, #4, Mallet Pole, #2, #1, #3, Mallet Pole, #5, #7
- #1, #2, Mallet Pole, #3, #4, #5, Mallet Pole, #6, #7

**Step 2:** After choosing your layout, excavate (9) 10" Diameter holes, at 36" deep.

**Step 3 (Optional):** Pound 36" long Steel Rebar (not provided) 18" into the center of each hole. This process helps with keeping the Chimes vertical while the concrete cures. Place each Chime into their holes over the Rebar.

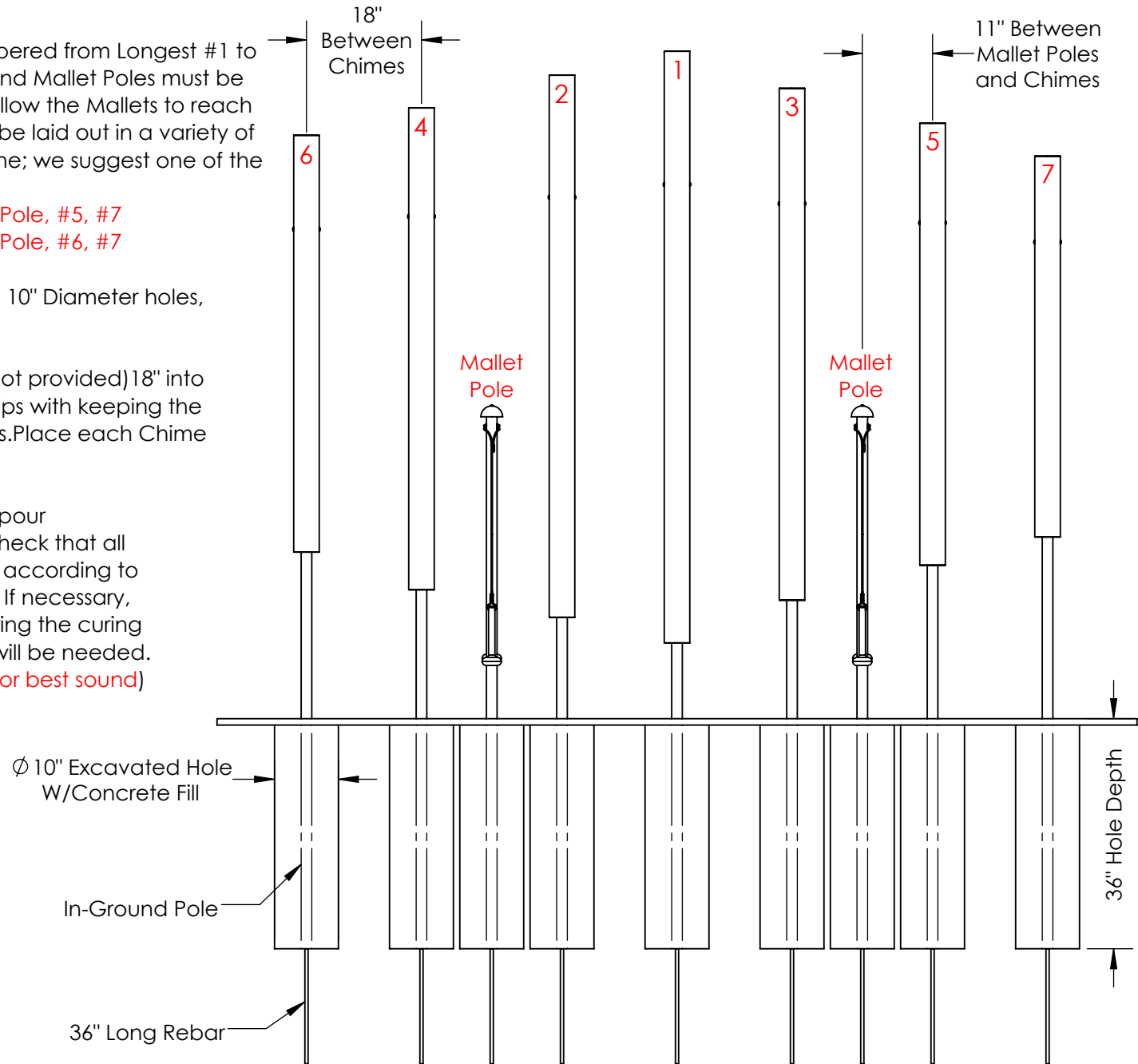
**Step 4:** Place each Chime into their holes, then pour concrete around the in ground poles. Check that all Chimes are level. Leave concrete to set according to the concrete manufacturer's guidelines. If necessary, brace the Chimes to hold them rigid during the curing process. Approximately (18) 80 lb bags will be needed. (Chimes must be as vertical as possible for best sound)

## Parts List:

- Chime #1, 93" lg. (1)
- Chime #2, 85" lg. (1)
- Chime #3, 80" lg. (1)
- Chime #4, 76" lg. (1)
- Chime #5, 69" lg. (1)
- Chime #6, 65" lg. (1)
- Chime #7, 60" lg. (1)
- Mallet Poles (2)

## Weights:

Boxed Instrument Weight, 35-40 lbs. per Chime  
 Boxed Mallet Pole Weight, 40 lbs.



# SURFACE MOUNT INSTALLATION PROCEDURES

**Step 1:** Determine your layout. Chimes are numbered from Longest #1 to Shortest #7. Spacing between Chimes and Mallet Poles must be maintained per the diagram shown to allow the Mallets to reach each Chime. Although the Chimes can be laid out in a variety of styles such as an arc, wave, or straight-line; we suggest one of the following layout ordering:

- #6, #4, Mallet Pole, #2, #1, #3, Mallet Pole, #5, #7
- #1, #2, Mallet Pole, #3, #4, #5, Mallet Pole, #6, #7

**Step 2:** With two people place the Chimes and Mallet Poles individually onto the concrete pad and mark the center of the holes on the surface mount plates. After you have made your marks, set aside the Chimes and Mallet Poles in order to drill for anchor hole. With a hammer or rotary drill, drill through concrete at marked locations. Drill to a minimum depth of 4". A 3/8" masonry drill bit will be needed.

**Step 3:** Place the Chimes and Mallet Poles back over the drilled out holes. Insert provided anchor bolts into aligned holes. Position the 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 upright bases. Tighten anchor bolts until they are snug. Cover remaining bolt sections with provided plastic caps.

## Parts List:

- Chime #1, 93" lg. (1)
- Chime #2, 85" lg. (1)
- Chime #3, 80" lg. (1)
- Chime #4, 76" lg. (1)
- Chime #5, 69" lg. (1)
- Chime #6, 65" lg. (1)
- Chime #7, 60" lg. (1)
- Mallet Poles (2)
- $\varnothing 3/8" \times 3 3/4"$  Anchor Bolt (27)
- Plastic Anchor Cap (27)

## Weights:

Boxed Instrument Weight, 35-40 lbs. per Chime  
 Boxed Mallet Pole Weight, 40 lbs.  
 Boxed Hardware Weight, 5 lbs.

