# Precast Sound Barriers - Pile and Post Reinforcing Steel

**Pile/Post Connection Option A**

**Section A-A**

- Bars P3
- Bars P9

**Section B-B**

- Bars P1
- Bars P3 (Staggered)

**Section D-D**

- Bars P1
- Bars P3 (Staggered)

**Section E-E**

- Bars P1
- Bars P3 (Staggered)

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**NOTES:**

1. For Post and Pile Lengths, see Index No. 5206.
2. For Table of Reinforcing Steel Sizes and Dim 'A' see Index No. 5206.
3. For Precast Collar Option see Sheet 2 of 7.

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**Post in Augered Hole**

- Cast-In-Place Collar shown, Precast Collar similar.

**Typical Post Section**

- Post & Wall
- Texture optional below Top of Collar

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**Post Detail with C-I-P Collar**

(Prior to placement in augered hole)

- Bars P1
- Bars P3 (Typ.)

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**Auger Cast Pile**

- Top of Collar per Plan
- Bottom of Augered Hole per Plan

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**PRECAST SOUND BARRIERS - PILE AND POST REINFORCING STEEL**

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**Sheet No.**

**Index No.**

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1 of 7

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**Date**

5205 01/01/10

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**Revision**

Sheet redrawn and Sections renamed.
NOTES:
1. For Post and Pile Lengths, see Index No. 5206.
2. For Reinforcing Steel Sizes, see Index No. 5206.
3. For Pile/Post Connection Option A, see Sheet No. 1 of 7.

* - Unless Otherwise Noted

Sheet No.
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PRECAST SOUNDBARRIERS - PILE AND POST REINFORCING STEEL

5205
**TYPICAL POST SECTION**

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**NOTES:**

1. A precast collar shall not be permitted with this Pile/Post Connection Option.
2. For Post and Pile Lengths see Index No. 5206.
3. For Table of Reinforcing Steel Sizes and DIM 'A' see Index No. 5206.
4. Mechanical Anchor Terminators shall develop 125% of the specified yield strength of the bar.

**PILE/POST CONNECTION OPTION B**

**PRECAST SOUND BARRIERS - PILE AND POST REINFORCING STEEL**

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**Post, Pile & Collar**

1'-6" to 3'-6" long. For Post and Pile Lengths see Index No. 5206.

**Bars A**

Bars C2 (Typ.)

**Mechanical Anchor Terminators** on Threaded Bar (Typ.)

10" x 12" starter bar with threaded end.

**Top of Collar per Plan**

4" Cover

**Top of Wall**

4" Cover

**LAP AND COLLAR DETAIL**

(Looking down the wall, Bars P9 & P10 not shown)

**Post in Augered Hole**

Auger Cast Pile

**POST DETAIL**

**NOTES:**

- Bars P4
- Bars C2
- Bars P9
- Bars A
- Bars B

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**PRECAST SOUND BARRIERS - PILE AND POST REINFORCING STEEL**