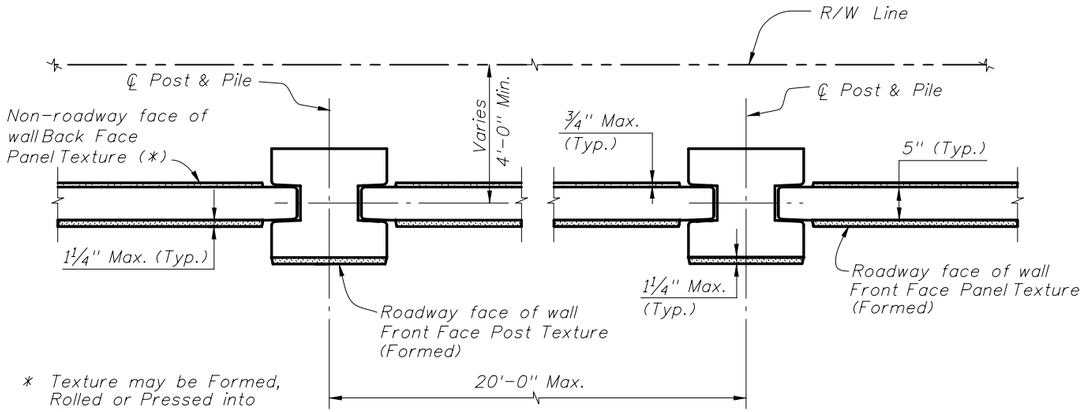
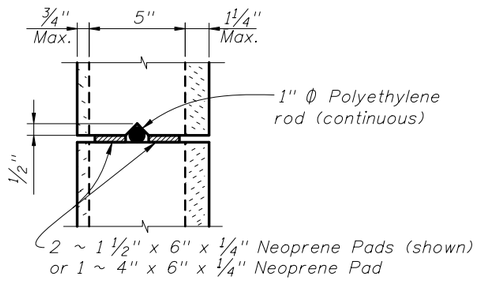
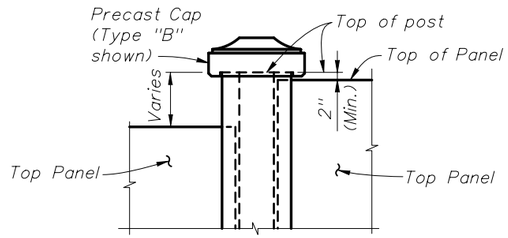


PLAN

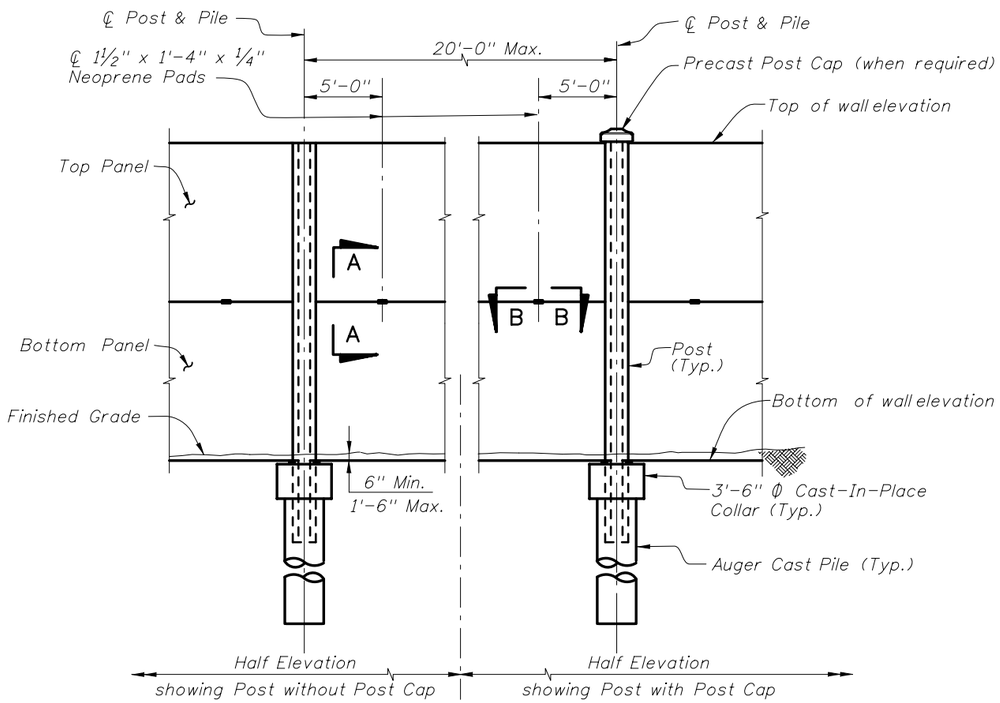


SECTION A-A

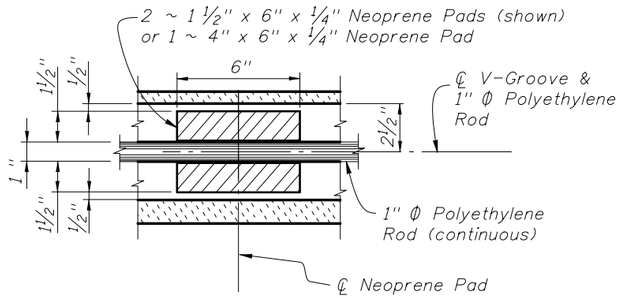


PRECAST POST CAP DETAIL

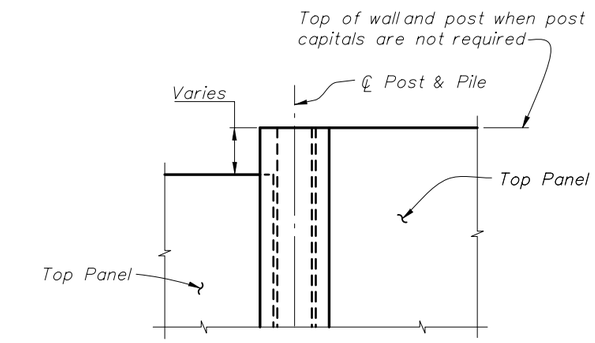
Note: See plans for Post Cap requirements.
See Index No. 5207 For Post Cap details.



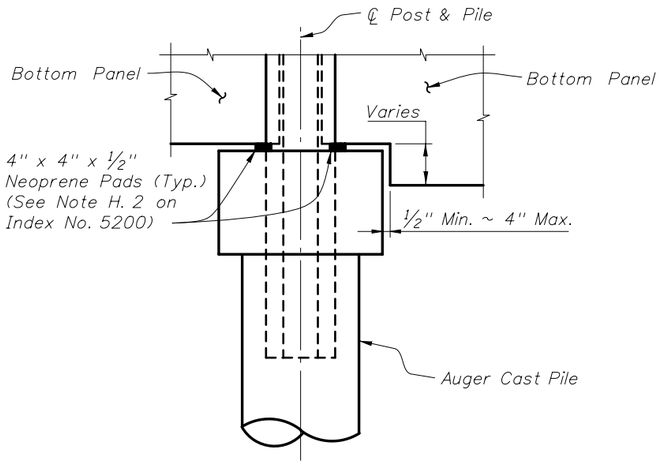
TYPICAL ELEVATION
(Textured Finish not Shown for Clarity)
(Pile/Post Connection Option A Shown)



SECTION B-B



ELEVATION STEP AT TOP OF WALL



ELEVATION STEP AT BOTTOM OF WALL
(Pile/Post Connection Option A Shown)

TYPICAL PANELS AND POSTS

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/01/10	CMH	Changed Total Number of Sheets.			

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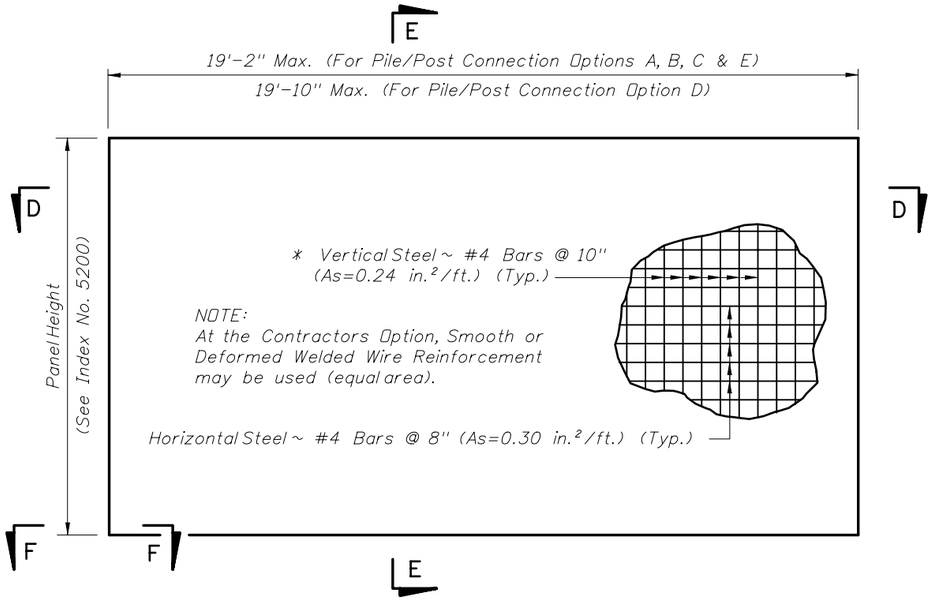
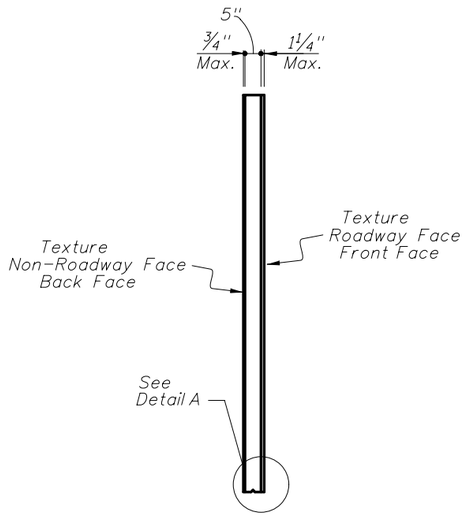
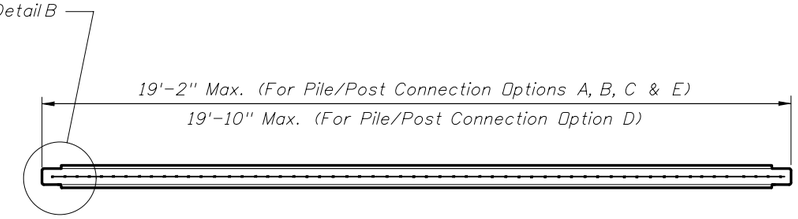


TYPICAL PANEL ELEVATION

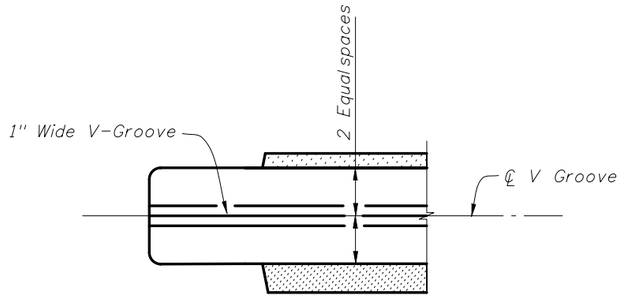
* In lieu of utilizing the pick up points below, panels may be cast vertically or cast horizontally then tilted upright using tilt-tables prior to lifting from form. In this case, the vertical steel may be reduced to #4 Bars @ 1'-3" (As=0.15 in.²/ft.).



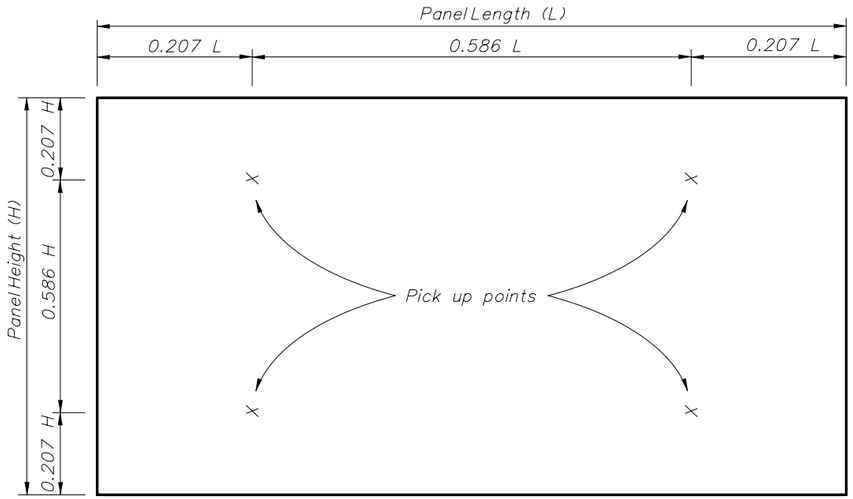
SECTION E-E



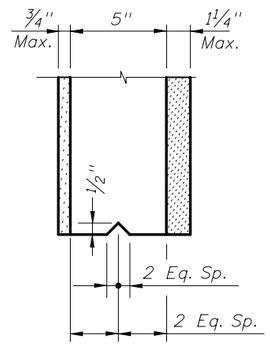
SECTION D-D



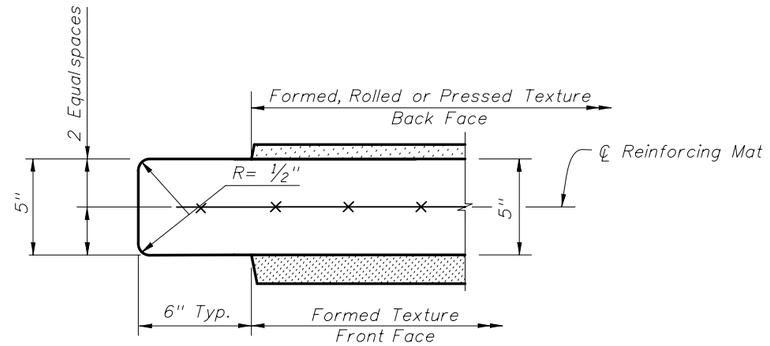
SECTION F-F



REQUIRED PICK UP POINTS FOR PANELS
(Panels shall be rotated about long axis only)



DETAIL A



DETAIL B
(Typical both ends)

TYPICAL PANELS AND POSTS

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/01/10	CMH	Changed Total Number of Sheets.			

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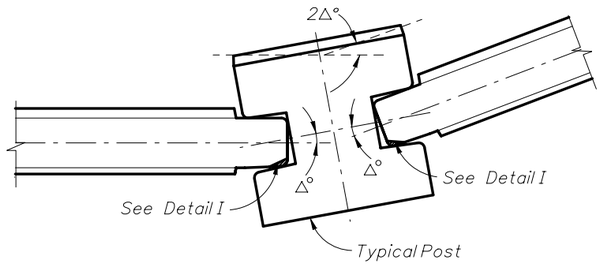
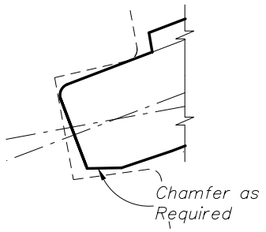
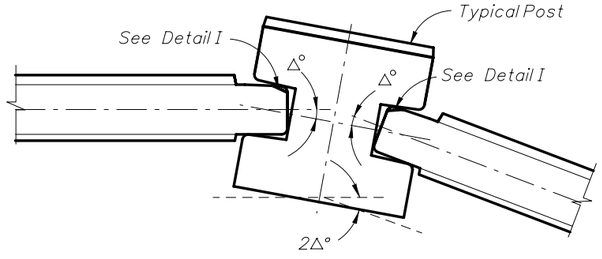


CASE 1
(Interior Angle)

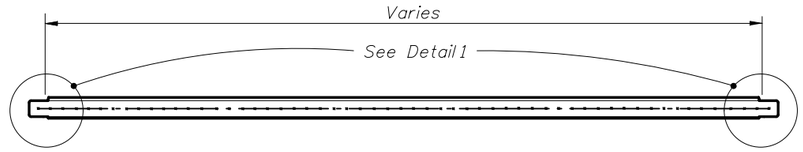


DETAIL I
(Back Face Chamfer Shown
Front Face Chamfer Similar)

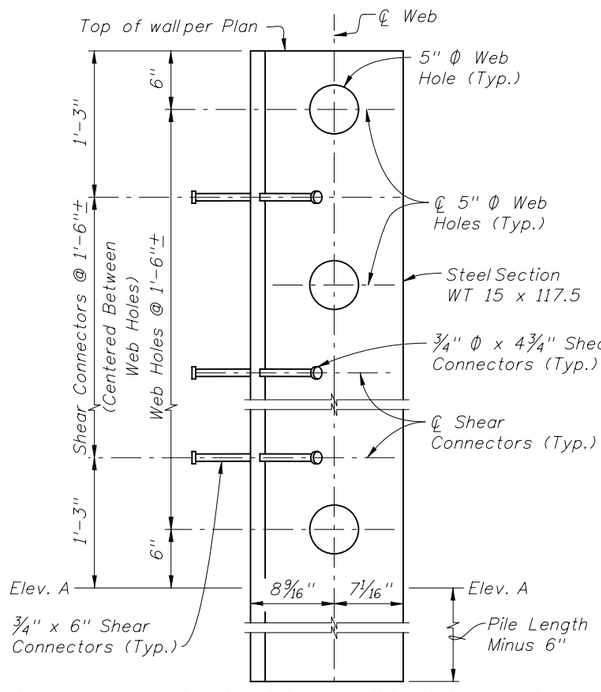


CASE 2
(Exterior Angle)
PIVOTING POINT DETAILS

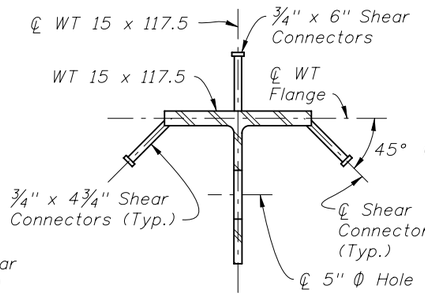
NOTE: The shop drawings shall include specific pivoting point details of panel ends at locations where the deflection angle (2△) between panels exceeds 20°.



PANEL PLAN

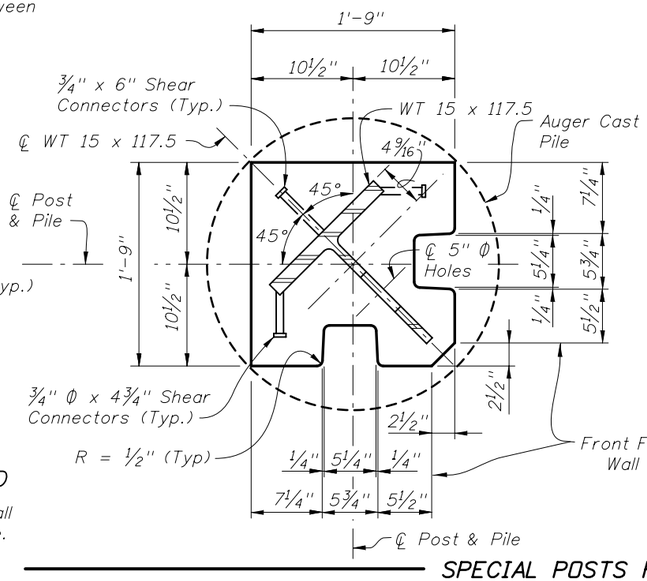


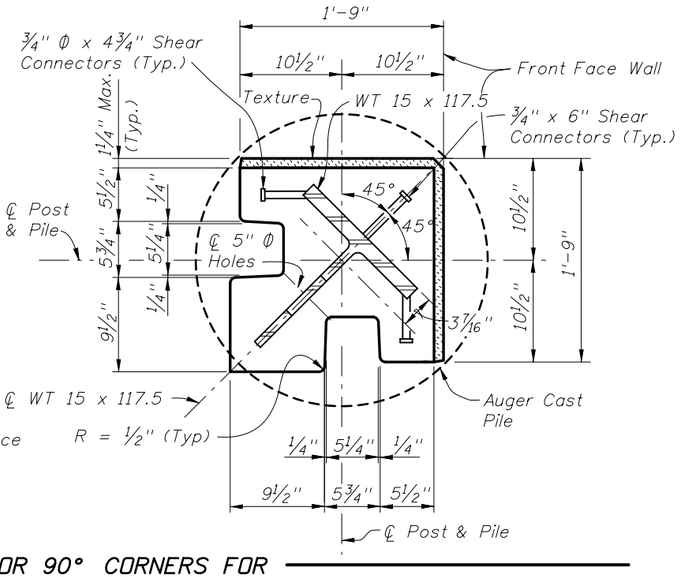
WEB HOLE & SHEAR CONNECTOR SPACING DETAIL
(Concrete not shown for clarity. For limits of concrete see Index No. 5205, Sheet No. 4 of 7.)



WT 15 x 117.5 Post Detail For
Pile/Post Connection Options C & D

NOTE: The WT 15 x 117.5 Section shall extend into the Auger Cast Pile.



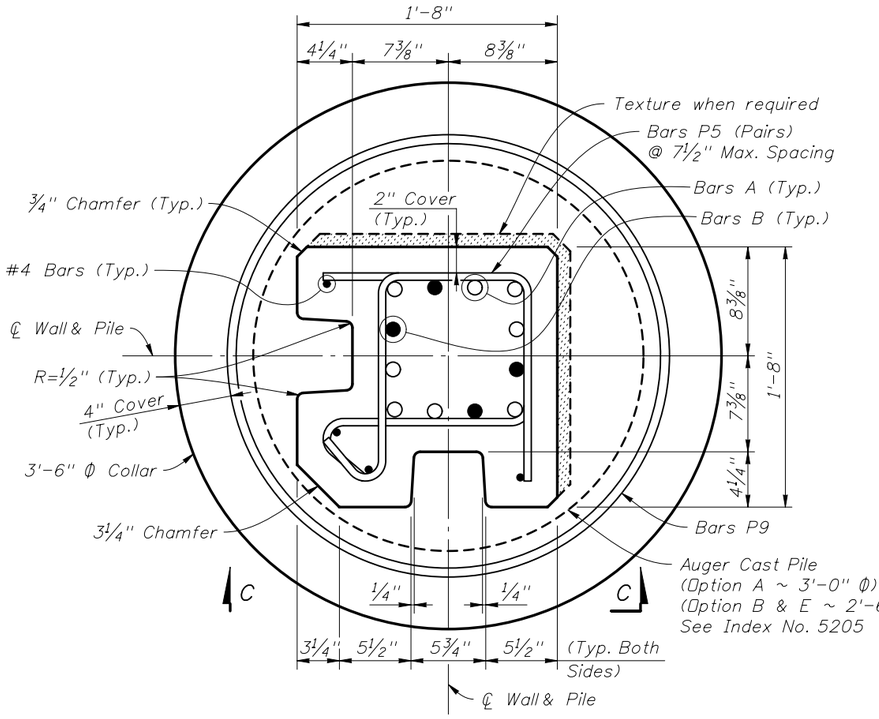


SPECIAL POSTS FOR 90° CORNERS FOR
PILE/POST CONNECTION OPTIONS C & D
Collars for Corner Posts shall be 3'-6" Ø

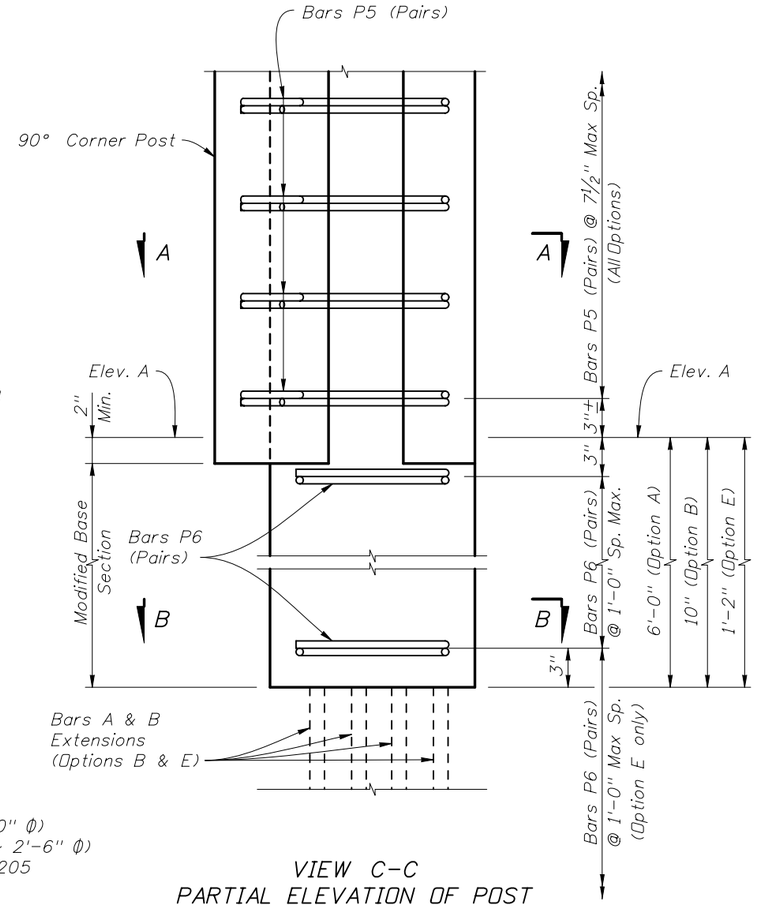
NOTES:
1. For Pile/Post Connection Options C & D, see Index No. 5205.
2. For Post & Pile Lengths, see Index No. 5206.

SPECIAL PANELS AND 90° CORNER POSTS

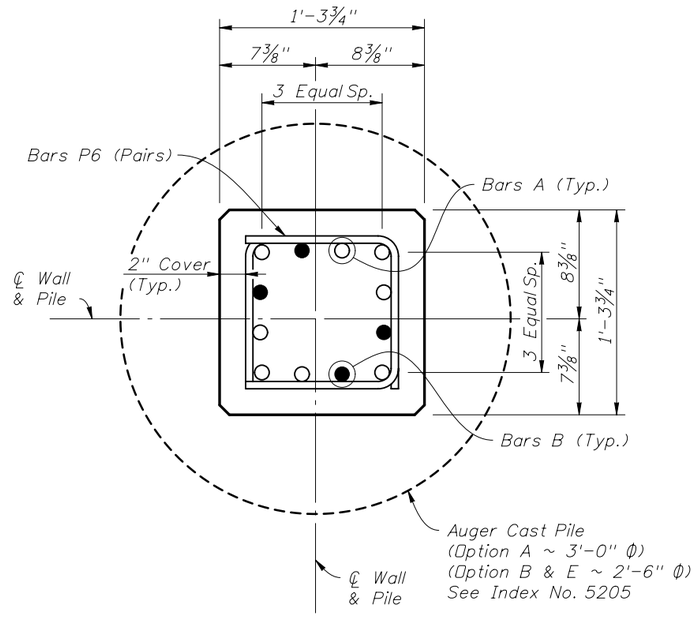
REVISIONS						2010 Interim Design Standard	Interim Date	Sheet No.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	PRECAST SOUND BARRIERS - RECESSED PANEL OPTION	01/01/10	3 of 6
01/01/10	CMH	Removed Special Posts for 90° Corners for Options A, B & E. Changed Total Number of Sheets. Revised Notes.					Index No. 5203	



SECTION A-A
TYPICAL SECTION ABOVE PILE



VIEW C-C
PARTIAL ELEVATION OF POST
(Vertical Reinforcing & Pile not shown for clarity)



SECTION B-B
(Modified Base Section)

SPECIAL POSTS FOR 90° CORNERS FOR PILE/POST CONNECTION OPTIONS A, B & E

Collars for Special Posts shall be 3'-6" Ø

NOTES:
1. For Pile/Post Connection Options A, B & E, see Index No. 5205.
2. Use 3'-6" CIP Collar for all 90° corner posts.
3. For Post & Pile Lengths, see Index No. 5206.
4. For Table of Reinforcing Steel, see Index No. 5206. Bars P10 not required for corner pile.
5. Reduce standard panel length or adjust post spacing by 3½" at each 90° Corner Post to accommodate the Special Post dimensions.

SPECIAL 90° CORNER POST

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/01/10	CMH	New Sheet			

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Interim Date: 01/01/10
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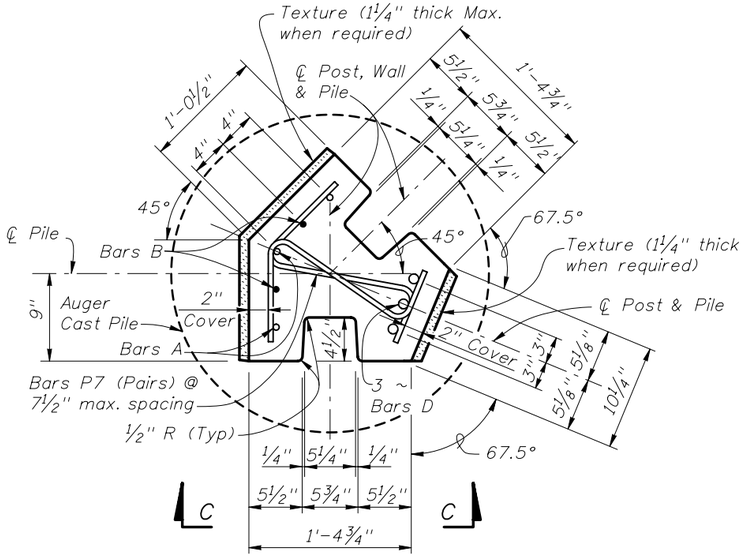
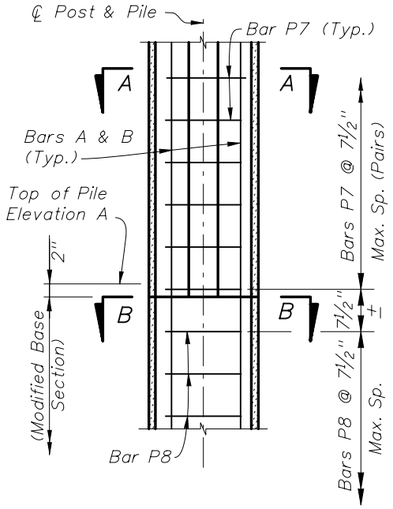
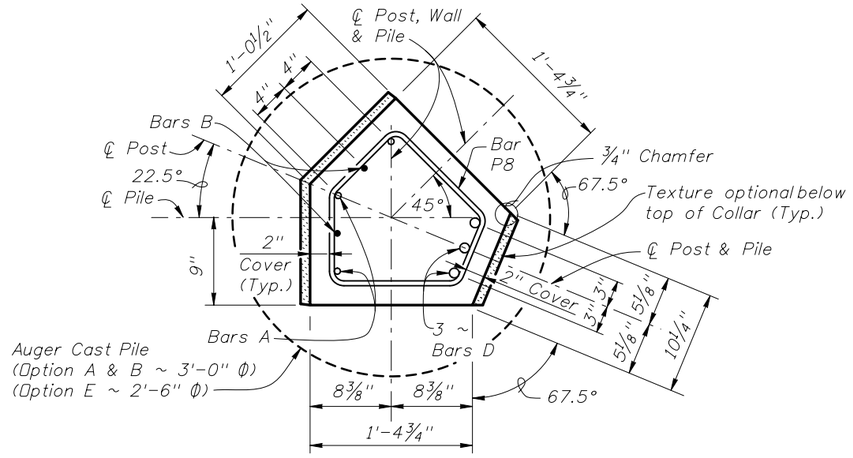


SECTION A-A
TYPICAL SECTION ABOVE PILE

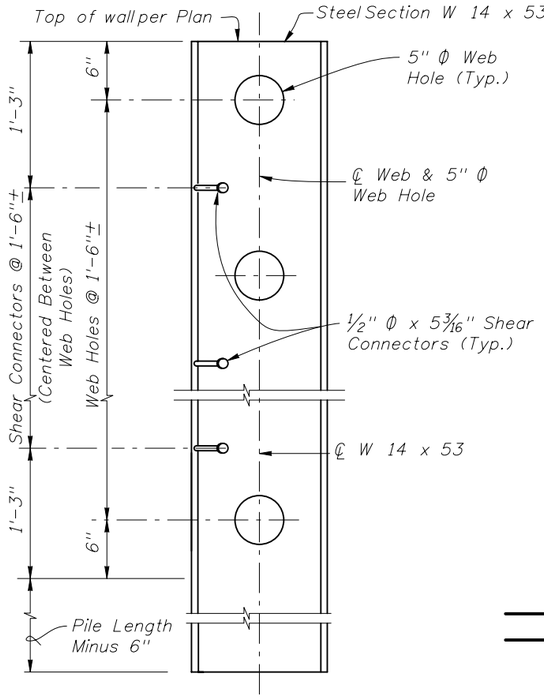


VIEW C-C (PARTIAL ELEVATION)
(Only Front Faces Shown for Clarity)

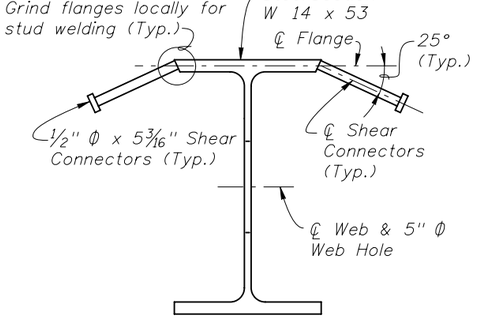


SECTION B-B
PRECAST COLLAR SECTION

SPECIAL POSTS FOR 45° CORNERS FOR PILE/POST CONNECTION OPTIONS A, B & E

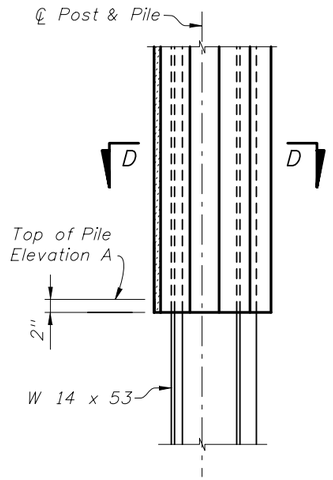


WEB HOLE AND SHEAR CONNECTOR SPACING DETAIL
(Concrete not shown for clarity)

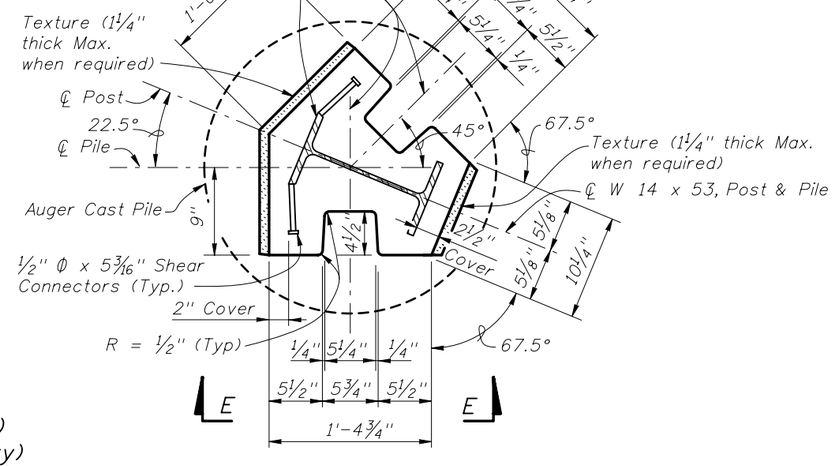


W 14 x 53 POST DETAIL

NOTE: The W 14 x 53 Section shall extend into the Auger Cast Pile.



VIEW E-E (PARTIAL ELEVATION)
(Only Front Faces Shown for Clarity)



SECTION D-D
TYPICAL SECTION ABOVE PILE

SPECIAL POSTS FOR 45° CORNERS FOR PILE/POST CONNECTION OPTIONS C & D

NOTES:
1. For Table of Reinforcing Steel Sizes, see Index No. 5206.
2. For Pile/Post Connection Options A through E, see Index No. 5205.
3. For Post & Pile Lengths, see Index No. 5206.
4. Shear Connectors shall be 5" long after welding.

SPECIAL 45° CORNER POSTS

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/01/10	CMH	Sheet renumbered. Corrected W Section Size in View E-E.			

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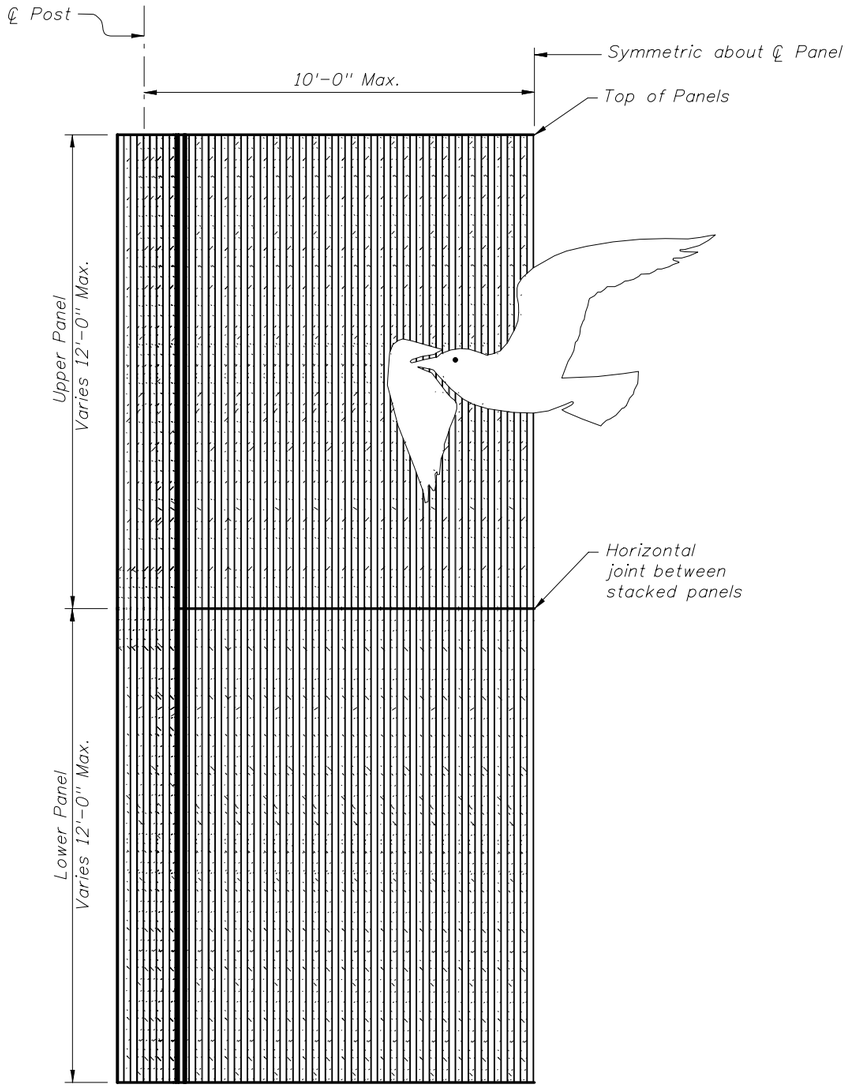
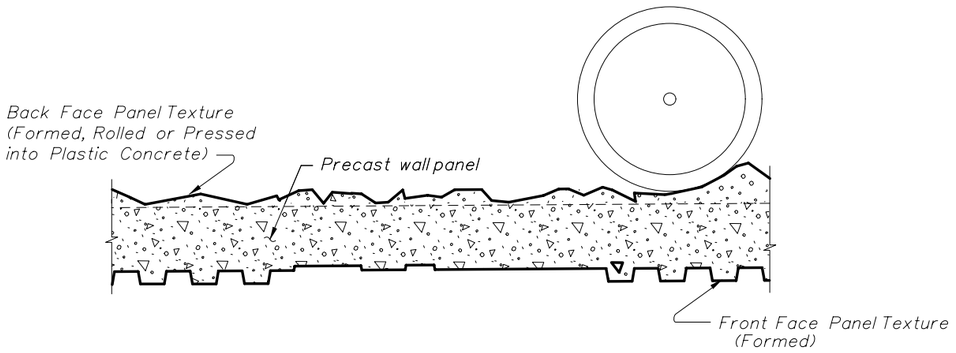
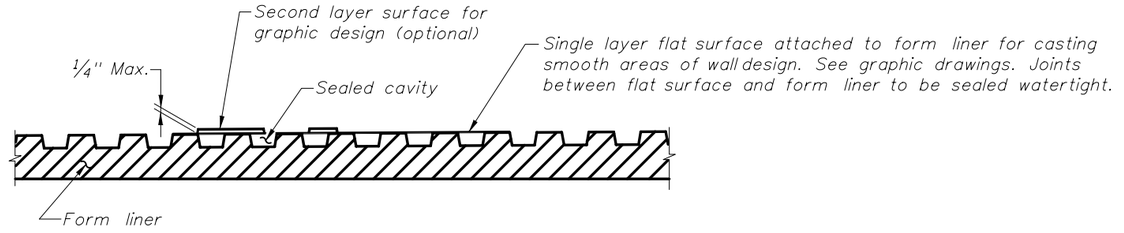


HALF ELEVATION
(Pile/Post Connection Options A, B, C and E Shown.)
(Front Face Panel Texture Type "H" and Front Face Post Texture Type "H" Shown.)
(Graphic Type LG-3 Shown.)





TYPICAL FORMING DETAIL
(Front Face Panel Texture Type "H" Shown.)
(Back Face Panel Texture Type "D" Shown.)

NOTES:

1. Contractor shall submit specific form liner samples for approval by the Engineer.
2. Textures and graphics shown are for demonstration purposes only. See Wall Control Drawings for project specific texture and graphic requirements.

GRAPHICS AND TEXTURE DETAILS

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/01/10	CMH	Sheet renumbered.			

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PRECAST SOUND BARRIERS - RECESSED PANEL OPTION

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