STANDARD SPECIFICATIONS.

WING STRAPPING DETAIL FOR THE PURPOSE OF WELDING ANCHORED TO THE FABRICATED MEMBER USING ANCHOR WASHERS 3" x 3" x 1/8".

DETAILED ANCHORS (WASHERS) MUST BE PLACED AT LEAST 6" FROM END OF MEMBER. SEE DETAIL "A".

Channel notch detail for use with angled wing only.

For use with angled wings only.

Channel bent at midpoint to accommodate wing angle.

Weld underside at overhang.

Adhesive anchors shall be placed at least 6" from end of member. See detail "A".

Welding cover plate as near as possible to maintain 6" clear. Touch up with Gray Primer Paint.

WING ELEVATION

WING STRAPPING

WING WALL

CULVERT WALL/ABUT BODY

CHANNEL NOTCH DETAIL

FOR USE WITH ANGLED WINGS ONLY

CHANNEL BENT AT MIDPOINT TO ACCOMMODATE WING ANGLE

PLACE CHANNEL AS NEAR AS POSSIBLE TO WING WALL

CUT

THREADER "DIA. THRU WALL TAPPED RODS 1" DIA.

USE "D" x 2" LONG SLANTED HOLE

FOR BRIDGE ANCHORS

ADHESIVE ANCHORS 3" x 3" x 1/8"

SEE DETAIL "A".

Wing wall thickness 8" (10") use: 1" dia. drilled holes use: 1" dia. thru wall threaded rod

For use with angled wings only

Use 1/4" x 2" long slanted holes

For use with angled wings only.

Threaded rod 1" dia. thru wall threaded rod

Adhesive anchors 3" x 3" x 1/8"

See detail "A" embed 10" in concrete.

Adhesive anchors 1" dia.

For bridge wings:

Use 1 1/2" x 2 1/4" long slotted holes

See detail "b"

Embed 5" in concrete.

Adhesive anchors 1" dia.

For culvert wings:

Use 1 1/2" x 2 1/4" long slotted holes

See detail "b"

Embed 5" in concrete.

Adhesive anchors 1" dia.

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