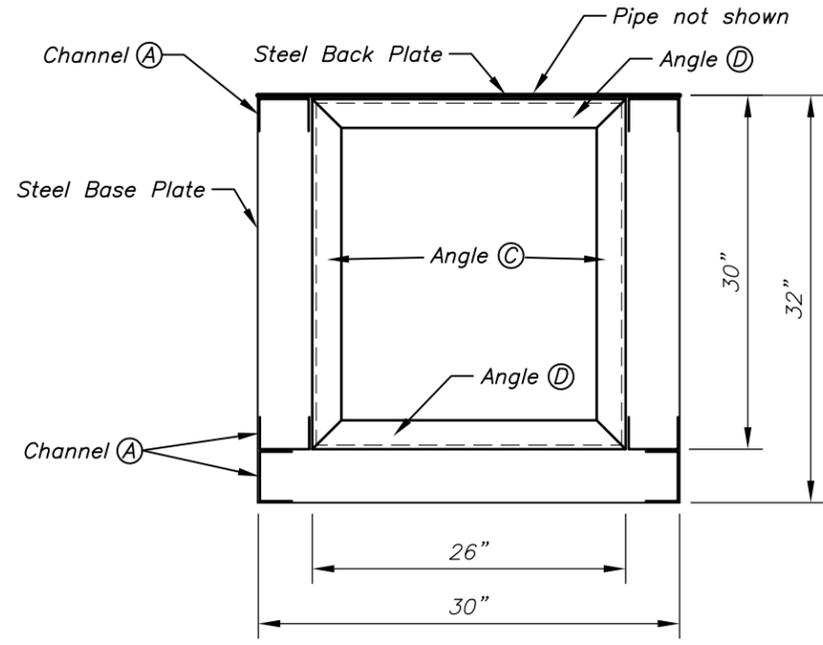
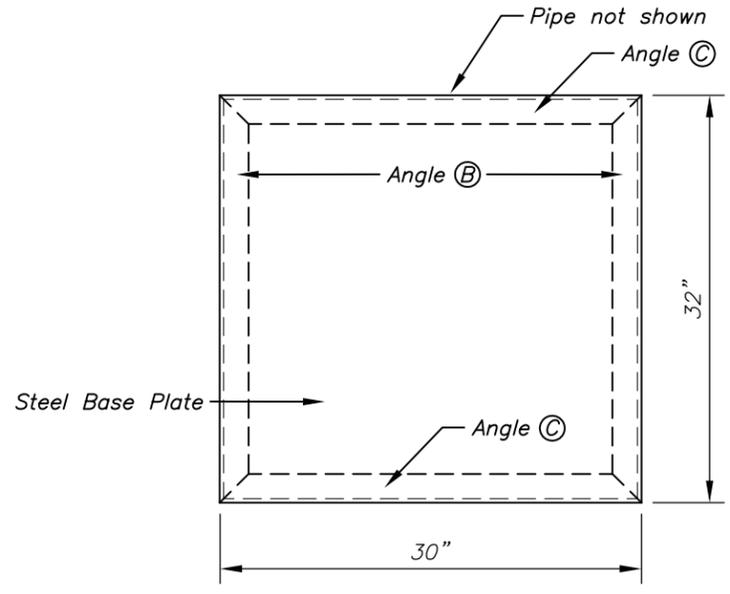


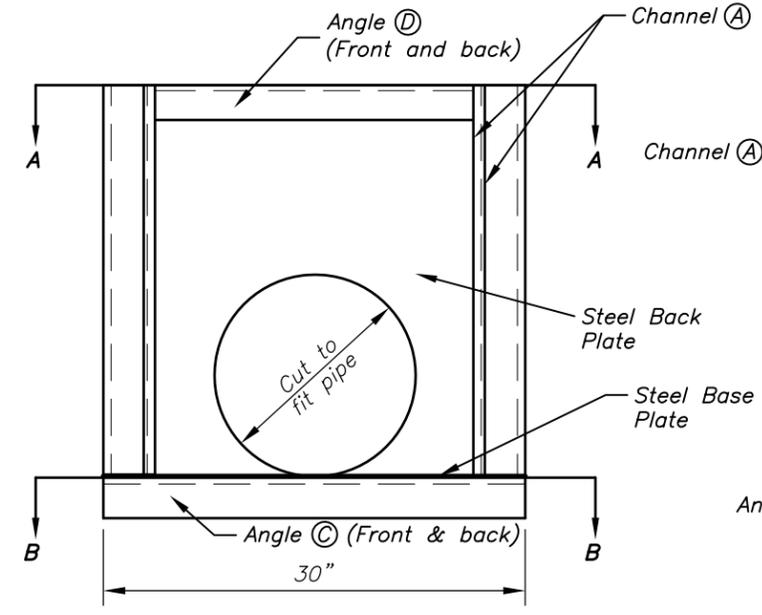
29N420A



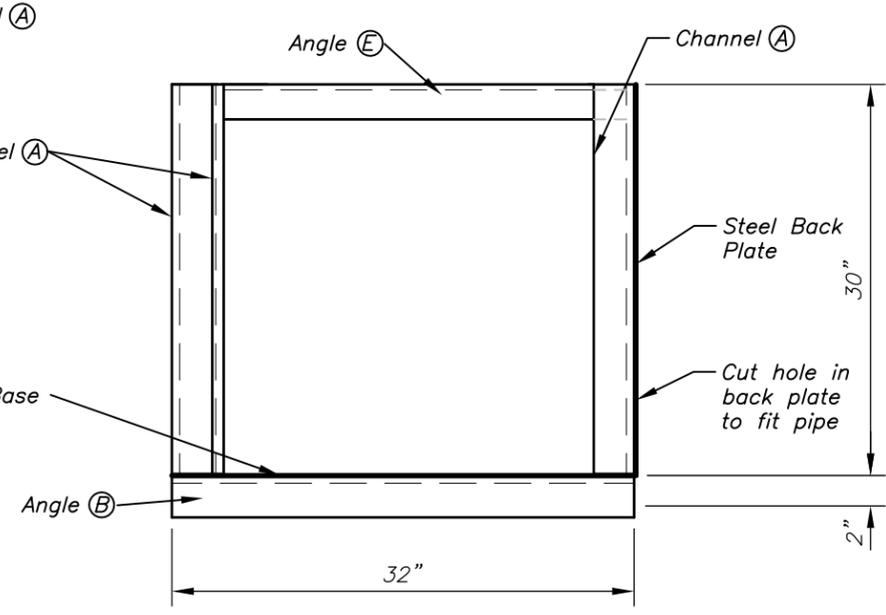
TOP VIEW SECTION A-A



TOP VIEW SECTION B-B
(Channels (A) not shown for clarity)



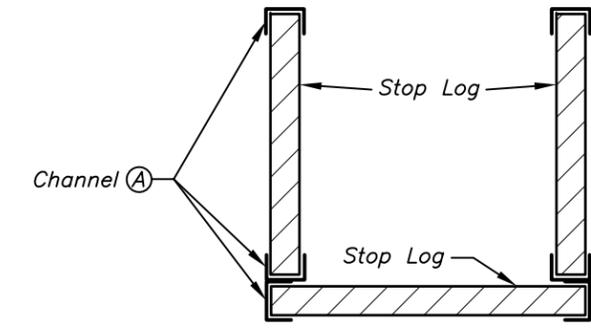
FRONT VIEW



SIDE VIEW

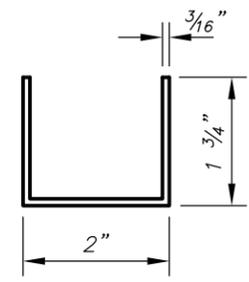
NOTES:

1. 2" x 1 3/4" steel channels are not available commercially and will have to be made. They can be made out of 3/16" steel plate.
2. All welds shall be 3/16" fillet welds all around steel to steel contacts. Channels, Angles, and Plates are shown separated for clarity, but shall be welded to each other at all contact points.
3. Back plate shall be cut to fit pipe. Pipe to be welded to back plate with 3/16" fillet weld all around pipe. Weld shall be water tight.
4. Stop logs shall be treated nominal 2 inch thick lumber or other suitable material.
5. As directed by engineer, the box shall be protected from uplift forces.
6. Paint with two (2) coats of red metal primer or one (1) coat of coal tar epoxy paint.
7. As approved by NRCS, some deviations from the drawings are permitted as needed to properly fabricate and weld the structure.



STOP LOG PLACEMENT
NOTE: Angles (B), (C), (D) and (E) not shown

Mark	Item	Quantity
(A)	2" x 1 3/4" x 3/16" Steel Channel, 30" long	6
(B)	2" x 2" x 3/16" Steel Angle, 32" long (Bottom)	2
(C)	2" x 2" x 3/16" Steel Angle, 30" long (Bottom)	2
(D)	2" x 2" x 3/16" Steel Angle, 26" long (Top)	2
(E)	2" x 2" x 3/16" Steel Angle, 30" long (Top)	2
-	Steel Base Plate, Min. 32" long x 30" wide x 3/16" thick	1
-	Steel Back Plate, 30" high x 30" wide x 3/16" thick	1
-	Stop logs, Treated Lumber or other suitable material: Cut length to provide approximately 3/16 inch clearance on each end	



CHANNEL CROSS SECTION

Revised 8/06

Not to Scale

DRAFT
NOT FOR
CONSTRUCTION

Date _____
Designed _____
Drawn _____
Checked _____
Approved _____

**STEEL WEIR BOX
15" THRU 24" STEEL PIPE CULVERT**



File Name _____
Drawing Name
29-N-420A
Sheet _____ of _____