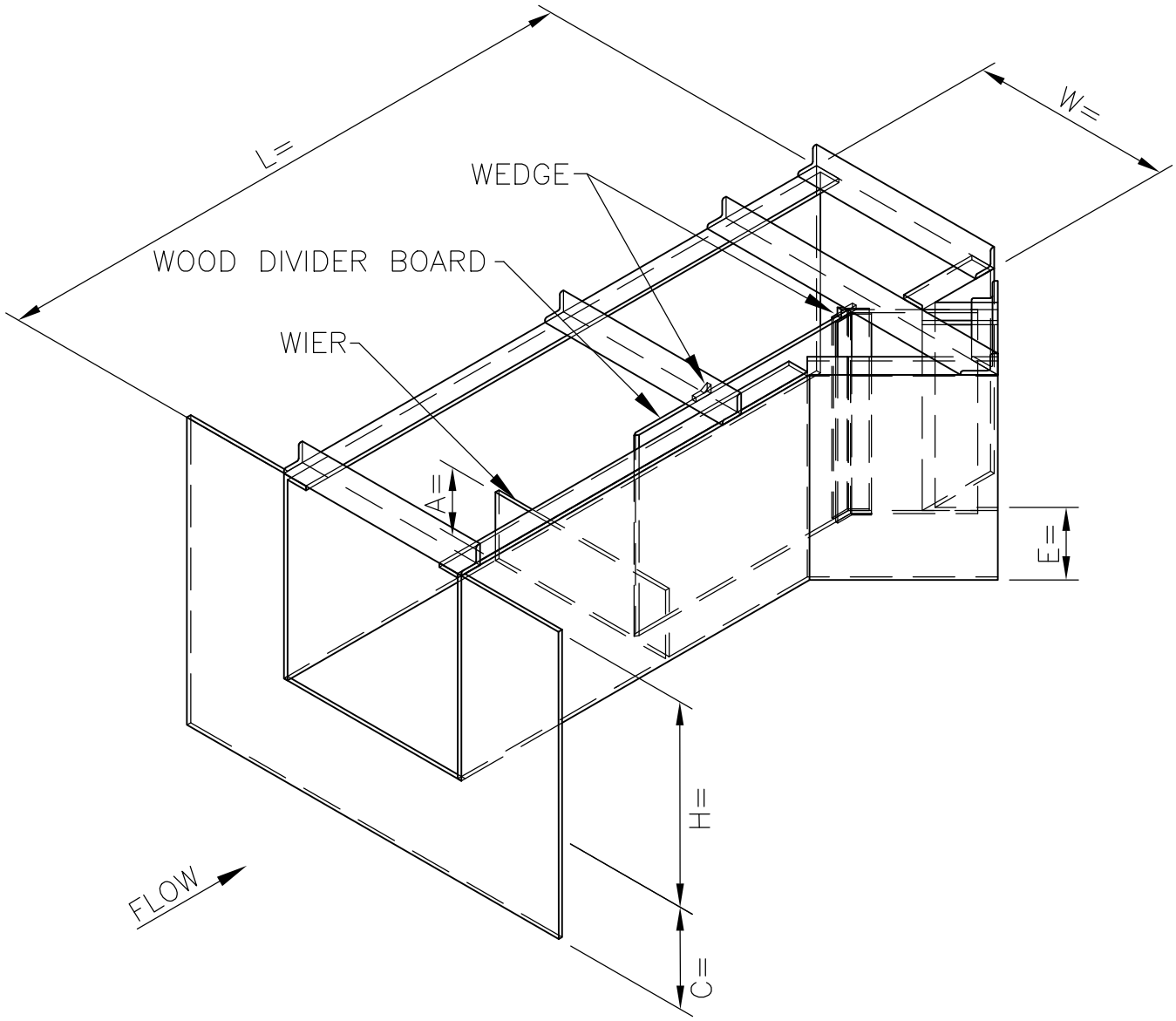
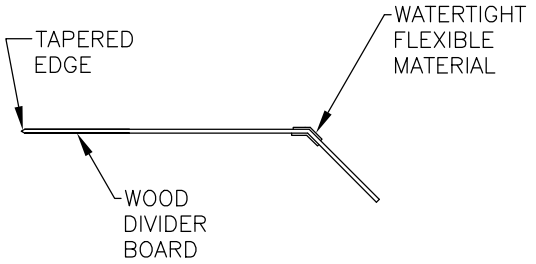
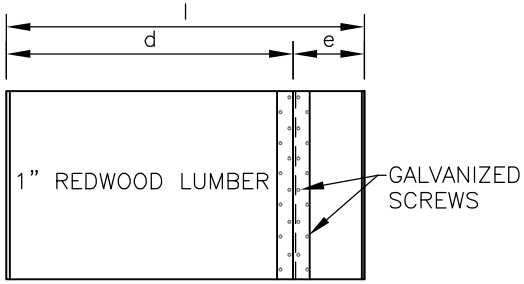


ISOMETRIC VIEW

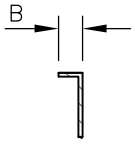
NOT TO SCALE

NRCS Natural Resources Conservation Service United States Department of Agriculture	STEEL ADJUSTABLE DIVIDER (REVISED LAST ON 07–10)	Designed CFG — Date 2–69 Drawn PEB — 7–10 Checked Approved J.E. ANDREWS S.C.E. — 7–10	File Name Drawing Name CO–SSP–23 Sheet 1 of 2

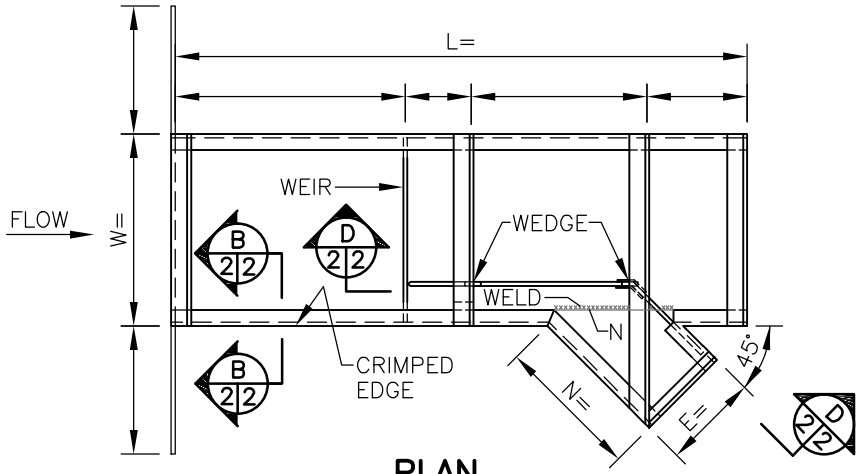




SECTION D 2|2



SECTION B 2|2



PLAN

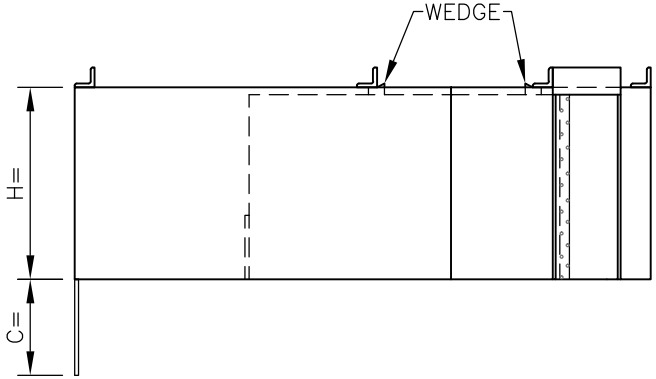
NOMENCLATURE:

A = HEIGHT OF WEIR SECTION.
C = CUT OFF DEPTH.
E = OUTLET WIDTH (MIN. OF W/2).
H = DEPTH.
L = LENGTH OVERALL.
N = AS SHOWN.
W = WIDTH (NORMALLY = L/3).

h = ½" LESS THAN DIVIDER DEPTH
l = ⅔ L WHEN WEIR IS PLACED AT ⅓ L
e = ⅓ d

TABLE OF DIMENSIONS AND QUANTITIES

SQ. FT. 3/16" STEEL PLATE	ANGLE IRON SIZE	ANGLE IRON L.F.	L	W	H	A	B
10.4	1¼"x ¼"	6.0	3.0'	1.0'	1.0'	0.2'	1¼"
32.8	1¼"x ¼"	11.0	6.0'	2.0'	1.5'	0.3'	1¼"
67.6	2"x ¼"	45.8	9.0'	3.0'	2.0'	0.4'	2"
119.7	2"x ¼"	58.3	12.0'	4.0'	2.5'	0.5'	2"



ELEVATION

NOTES:

1. WINGWALLS AND CUT-OFF MAY BE USED ON EACH END AND SIDE OUTLET.
2. THE BOX CAN BE CONSTRUCTED TO DIVIDE LEFT, RIGHT, OR BOTH BY ADDING ANOTHER WOODEN DIVIDER BOARD.
3. FOR BOXES 3.0' AND 4.0' WIDE, PLACE ANGLE IRON ON THE SIDES AND BOTTOM AT BOTH ENDS AND IN THE MIDDLE IN ADDITION TO THAT SHOWN ON THE TOP.

NO SCALE

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

STEEL ADJUSTABLE DIVIDER

(REVISED LAST ON 07-10)

		Date
Designed	CFG	2-69
Drawn	PEB	7-10
Checked		
Approved	J.E. ANDREWS S.C.E.	7-10

File Name

Drawing Name CO-SSP-23

Sheet 2 of 2