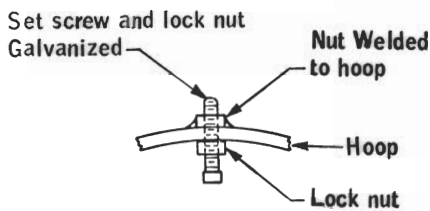
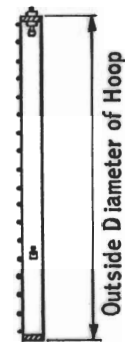


**ELEVATION**

**CLEARANCE DETAILS**



**SET SCREW ASSEMBLY  
DETAILS**



**SECTION**

The screen shall consist of wire cloth welded to a hoop made of flat steel (butt welded) and shall be hot dip galvanized after fabrication in accordance with A. S. T. M. - A 153.

The materials shall conform to the requirements as noted below for specified size of pipe.

PIPE SIZE	HOOP DIMENSIONS		WIRE CLOTH		SET SCREWS	
	Outside Diam.	Stock Size	Mesh	Wire Gauge	Size	No.
6"	5"	3/16" x 1-1/2"	5/8"	16	3/8" x 1-3/4"	3
8"	7"	" "	"	16	" "	"
10"	9"	" "	"	16	" "	"
12"	11"	1/4" x 1-1/2"	"	14	" "	"
15"	14"	" "	"	14	" "	"
18"	17"	" "	1"	14	" "	"
24"	23"	" "	"	12	" "	"
30"	29"	" "	"	10	1/2" x 1-3/4"	4
36"	35"	3/8" x 1-1/2"	"	10	" "	4

Spec. Ref.: 2502

APPROVED Oct. 1, 1966  
*W. S. Ekern*  
ASSISTANT COMMISSIONER  
ENGINEERING STANDARDS

STATE OF MINNESOTA  
DEPARTMENT OF HIGHWAYS  
**OUTLET SCREEN FOR C.M. & S.C. PIPES**

STANDARD  
PLATE  
NO.  
**3142A**