



TIE LAST 3 PIPE JOINTS.
 USE 2 TIE BOLT
 FASTENERS PER JOINT.
 INSTALL AT 60° FROM
 TOP OR BOTTOM
 OUTSIDE OF PIPE.

STORM SEWER SHALL BE RCP.

ISOMETRIC

PIPE SIZE	TRASH GUARD SIZING		
	BARS	'H'	BOLTS
12"-18"	3/4"φ	3"-4"	5/8"
21"-42"	1"φ	4"-6"	3/4"
48"-72"	1 1/4"φ	6"-8"	1"

SEE CITY PLATE NO. STO-12 AND STO-13 FOR RIPRAP PLACEMENT.



STANDARD DETAILS
 FLARED END SECTION AND
 TRASH GAURD

COTTAGE GROVE, MINNESOTA

JANUARY 2021

PLATE NO.
STO-11