



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 2022

PLATE NO.
STO-11