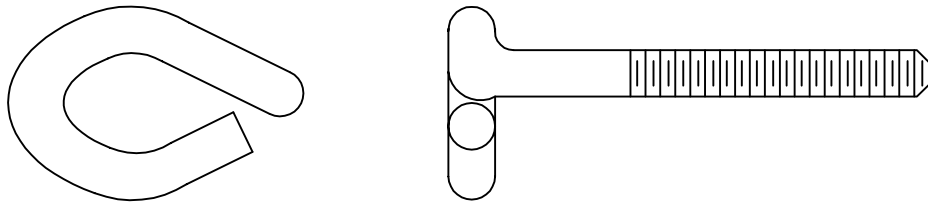


PLAN



DETAIL

NOTES:

1. THE BOLT SHALL BE MANUFACTURED OF "COR-TEN" OR APPROVED EQUAL.
2. THE BOLT SHALL BE STAR PRODUCTS "SUPER STAR SYSTEM" OR EQUAL.
3. SEE DETAIL DRAWING NO. 5.03 FOR LENGTH OF TIED PIPE.

DIMENSIONS

ALLOWABLE PIPE DIAMETER INCHES	BOLT SIZE	NO . OF BOLTS REQUIRED
4	3/4"	2
6	3/4"	2
8	3/4"	2
10	3/4"	4
12	3/4"	4

DRAWN BY: JSH
CHECKED BY: RJH

APPROVED BY:
DIRECTOR OF PUBLIC WORKS

CITY OF BOULDER, COLORADO
BURIED DUCTILE IRON PIPE
JOINT RESTRAINT
FOR 12" & SMALLER PIPE

ISSUED: JULY 2, 1998
REVISED: OCT. 17, 2000

DRAWING NO.
5.10