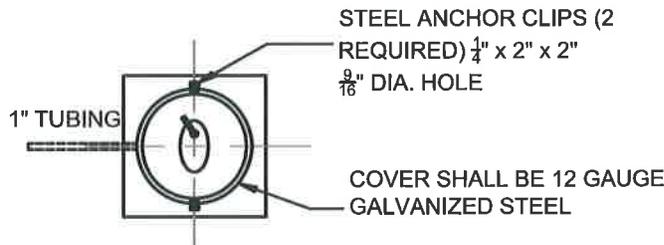


SIDE ELEVATION



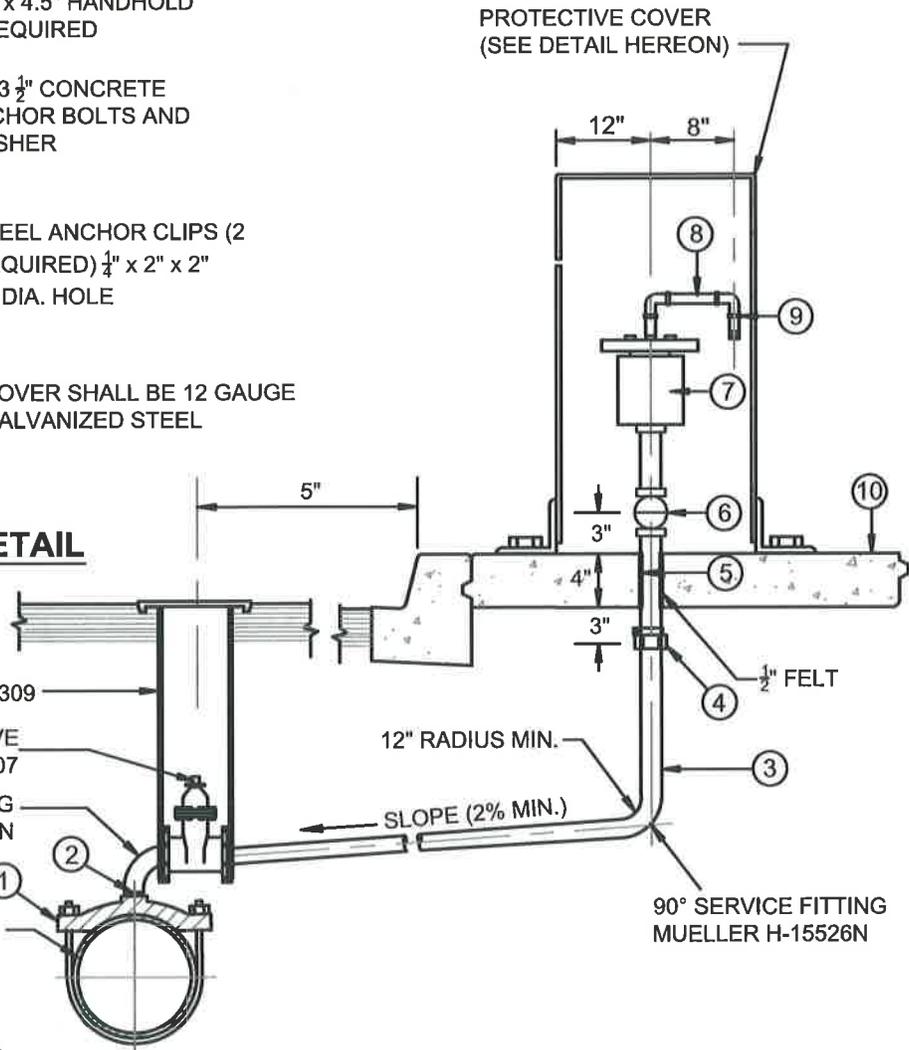
PLAN VIEW

PROTECTIVE COVER DETAIL

CEBE CO., NO. 28 OR APPROVED EQUAL

PER BREA STD PLAN 309
 2" RW GATE VALVE
 PER BREA STD PLAN 307
 90° SERVICE FITTING
 MUELLER H-15531-N

WATER MAIN



LIST OF MATERIALS:

- ① DOUBLE STRAP SADDLE, MUELLER BR2B SERIES OR EQUAL.
- ② 2" CORP STOP, MUELLER B-20046-N OR EQUAL.
- ③ 2" COPPER TUBING, TYPE K, CONTINUOUS TUBING.
- ④ 2" STRAIGHT COUPLING, MUELLER H-15451 OR EQUAL.
- ⑤ 2" PIPE NIPPLE, BRASS, LENGTH AS NEEDED.
- ⑥ 2" SHUT-OFF VALVE, MUELLER B-20200-3 OR EQUAL.
- ⑦ 2" COMBINATION AIR RELEASE VALVE, APCO 143C OR EQUAL.
- ⑧ 2" SCH 80 THD PVC PIPE, LENGTH AS NEEDED.
- ⑨ 2" SCH 80 THD PVC 90° ELL .
- ⑩ 30" x 30" x 4" CONCRETE PAD (CLASS 470-C-2500).



2" AIR RELEASE VALVE ASSEMBLY

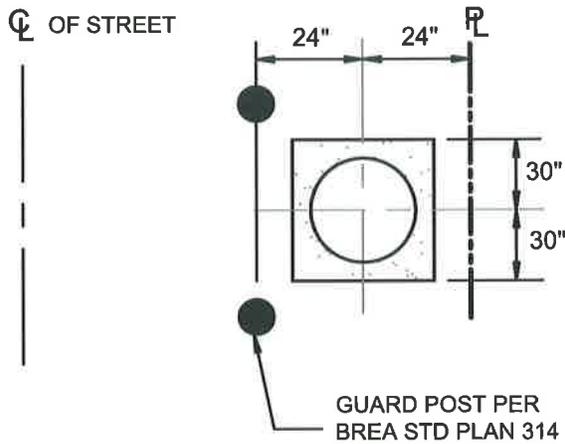
APPROVED:

[Signature]
 CITY ENGINEER

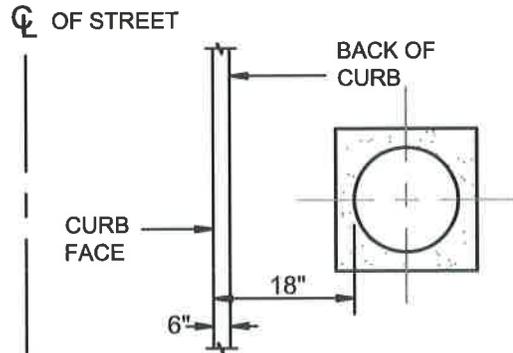
DATE: 10-15-2013

STD. PLAN NUMBER
308-0
 SHEET 1 OF 2

LOCATIONS:



UNIMPROVED AREA



IMPROVED AREA

NOTES:

1. ASSEMBLIES INSTALLED IN EASEMENTS, ROADS AND STREETS WITHOUT CURBS SHALL BE PROTECTED BY TWO GUARD POSTS.
2. USE MANUFACTURER SPECIFIED OR APPROVED EQUAL.
3. PIPING SHALL BE INSTALLED PERPENDICULAR TO THE STREET CENTERLINE OR AS INDICATED ON THE PLANS. PIPING SHALL BE INSTALLED PRIOR TO STREET PAVING.
4. A "W" SHALL BE CHISELED ON THE TOP OF CURB MARKING LOCATION OF THE CORP STOP, AFTER PIPING HAS BEEN INSTALLED.
5. NO CONNECTION OR TAP SHALL BE PLACED LESS THAN 18" FROM A VALVE, JOINT OR ADJACENT CONNECTION.
6. PCC PAD IN UNIMPROVED AREA SHALL BE 6" THICK AND 2" ABOVE GRADE.



2" AIR RELEASE VALVE ASSEMBLY

APPROVED:

R. Rajni
CITY ENGINEER

DATE: 10-15-2013

STD. PLAN NUMBER

308-0

SHEET 2 OF 2