

PHOENIX IRON WORKS
P-1002 MANHOLE FRAME
AND COVER OR EQUAL

4- $\frac{1}{2}$ "
HEX-HEAD
STAINLESS STEEL
BOLTS

ONE MAN BLIND
PICK HOLE

3" LETTERS
SEE LETTERING
DETAILS BELOW

ASTM GRID PATTERN

GROUT HOLE
4-EQUALLY
SPACED



PLAN

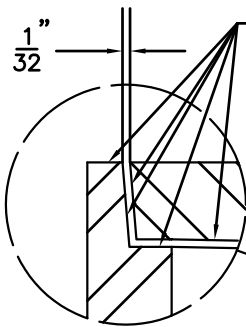
SANITARY
SEWER

DISTRICT MAINTAINED MANHOLES
(IN PUBLIC RIGHT OF WAY OR EASEMENT)

SMH

PRIVATE AND SAMPLING MANHOLES
(MANHOLES NOT DISTRICT MAINTAINED)

LETTERING DETAILS



MACHINE SURFACES

26 $\frac{1}{4}$ "

25 $\frac{5}{16}$ "

1 $\frac{3}{8}$ "

1 $\frac{1}{2}$ "

PICK
HOLE

1 $\frac{1}{8}$ "

1 $\frac{1}{2}$ "

4- $\frac{5}{8}$ "
CINCH
ANCHORS

24"

$\frac{9}{16}$ "

MANHOLE

31 $\frac{1}{2}$ "

SECTION

NOTES:

1. ALL MATERIAL SHALL CONFORM TO ASTM SPECIFICATION A-159-70T-G3000.

WEST BAY

SANITARY DISTRICT

SCREW DOWN TYPE
MANHOLE FRAME AND COVER

APPROVED BY:

TIMOTHY CLAYTON

DISTRICT MANAGER

4/18/2005

DATE: