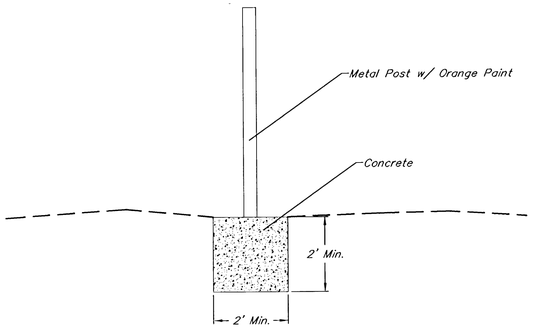
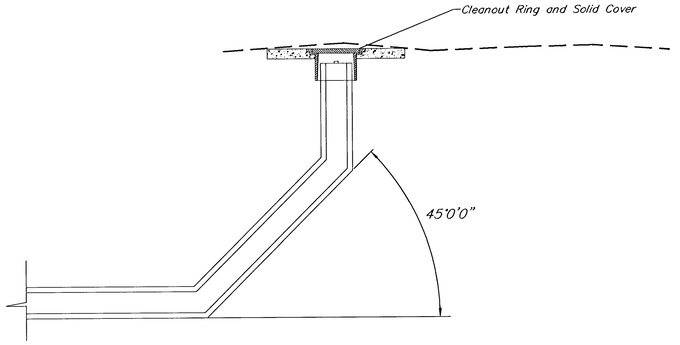
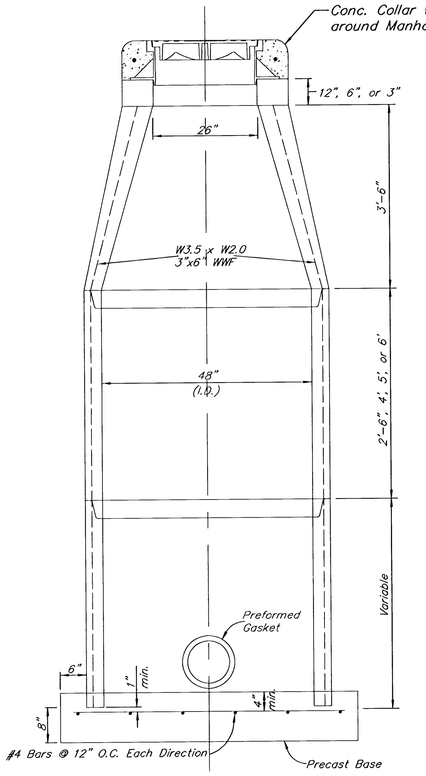


SERVICE LINE POST DETAIL

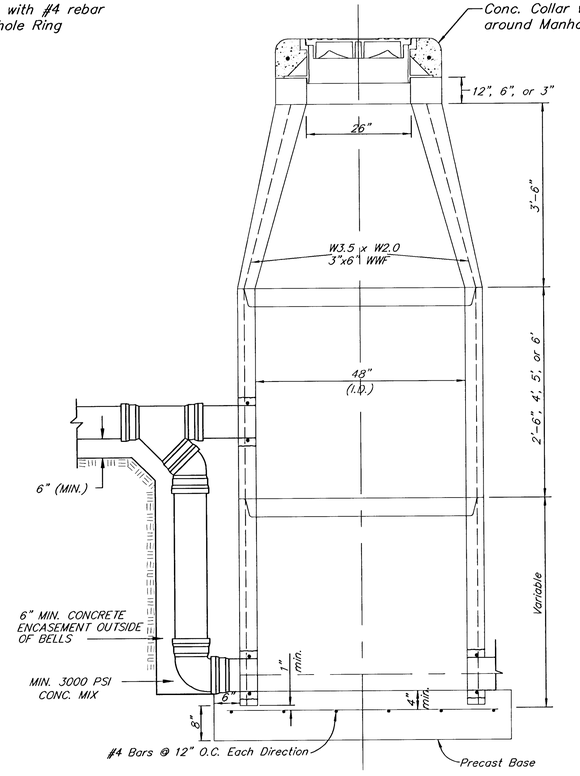
Costs for metal posts are subsidiary to 4" service line bid items.



CLEANOUT DETAIL



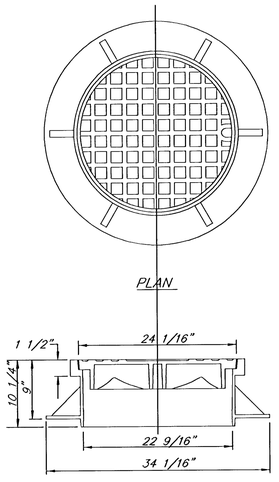
STANDARD MANHOLE



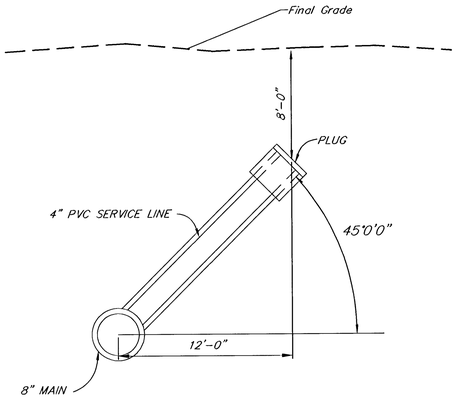
OUTSIDE DROP MANHOLE

NOTES:

1. Manhole Ring & Cover to be Deeter #1300 or approved equal.
2. Furnish with machined horizontal bearing surfaces.
3. Furnish with word "SEWER" cast on lid.
4. All Manholes to meet current ASTM C478 Specifications.
5. Manhole rings & lids shall be heavy duty when in the pavement.

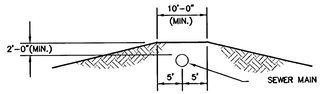


MANHOLE RING AND COVER



SERVICE LINE DETAIL

(Block 1 Lots 18 & 24)



PROTECTIVE FILL DETAIL

MINIMUM PROTECTIVE FILL SHALL BE PROVIDED IN ALL INSTANCES WHERE COVER OVER THE PROP. SEWER LINE IS LESS THAN (2) FEET. (COST SUBSIDIARY TO PIPE INSTALLATION)

No.	Date	By	Approved	Revision

SAND PLUM ADDITION
SANITARY SEWER IMROVEMENTS
MANHOLE DETAILS
CITY OF WICHITA, KANSAS
JAMES ARMOUR, P.E. - CITY ENGINEER
Proj# 468-83822 O.C.A.# 744073

POE & ASSOCIATES, INC.
CONSULTING ENGINEERS
8940 E. Central, Suite 200 ■ Wichita, KS 67206-4242
Phone 316 685-4114 ■ FAX 316 685-4444

FINAL

Designed By: T. Austin
Drawn By: S. Schmidt
Poe Job No.: 02153-03
Date: December 2004

G:\02153\02153-03\Wmdet.dwg Tue Jan 04 09:26:27 2005 Steve Schmidt-Poe & Associates of Kansas, Inc.