SECTION A–A

Concrete Collar Class "B", add lampblack to concrete.

C.I. Ring & Cover (see dwg. S-3), set to finish grade.

30" frame and cover where invert depth exceeds 12 feet.

24" dia. grade rings (30" dia. for M.H. over 12" surface to invert).

Additional rings may be used to 30" max.

Eccentric cone may be used where approved by the city engineer.

Reinforced concrete taper section

Grout all joints. "Ramnex" or approved equal may be used as an alternate.

Reinforced concrete.

60° where surface to invert depth exceeds 12 feet

Slope shelf 2° to channel, wood float finish, depth of channel equals dia. of pipe.

6"–0" min. dia. base

MIN. SLOPE .05

4" min. over all pipes.

SECTION B–B

Class "B" poured in place concrete.

NOTES:

1. M.H. shall be reinforced precast concrete per ASTM C-478.
2. All straight pipe to be laid thru manholes with top half removed to provide at least a 44" opening. Rough edges shall be mortared smooth. This also includes radius at crown of inlets & outlets.
3. Sewer pipe sizes to agree with plans.
4. If ground water is present place 6" min. thickness of 1" drain rock.
5. Force main to be piped to lowest elevation in manhole.

ENGINEERING DEPARTMENT

CITY OF MERCEDE, CA.

SEWER MANHOLE DETAIL

DRAWN: KGE

APPROVED BY: David F. Tucker

REVISION: 1/02

CITY ENGINEER

S-1

DATE

01/22/02

SHEET OF