NOTES:

1. Where (E) pipes and fittings are present, they shall be sawcut along the springline to form the flow channel within the manhole. Manhole base sections shall be filled with concrete to a level equal to the springline of the exposed pipes, and shall be formed at the slope shown to drain into the flow channel toward the outlet pipe.

2. Where (E) pipes and fittings are not present within the manhole, the flow channel shall be hand-formed at the slope shown to drain into the flow channel toward the outlet pipe. Manhole base sections shall be filled with concrete to the approximate level of the top of the pipe.

3. Waterstops shall be installed as shown in this Detail.

4. All joints shall be sealed with Class B mortar on both the inner and outer faces of each joint.

5. Manholes shall be constructed with a 0.10' elevation drop (or as shown on the Plans) between the inlet and outlet pipes, if possible.

6. #10 copper tracer wire with green insulation shall be installed at all new and existing manhole locations. Tracer wire shall either be continuous along (N) sanitary pipe and up to the manhole frame or shall be securely connected to the (E) tracer wire where pipe replacement is not performed. Note that tracer wire is NOT required on manholes when the (E) sewer main has no tracer wire.

CITY OF EUREKA
Engineering Department

CITY OF EUREKA STANDARD DRAWING

Sanitary Sewer Manhole

Approved:

Date 10/23/08  Detail No.: S-40