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 pipe soffit, and shall be formed at the slope shown.

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

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

4. #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) 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) pipe has no tracer wire.

5. Larger diameter barrels may be required.