NOTES:
1. PRECAST REINFORCED CONCRETE MANHOLES AS SHOWN SHALL CONFORM TO APPLICABLE REQUIREMENTS OF ASTM C-478 & NON-REINFORCED PRECAST CONCRETE MANHOLES SHALL CONFORM TO APPLICABLE ASTM REQUIREMENTS. BOTH SHALL CONFORM TO:
   A. SHALL BE DESIGNED FOR A.XHOI H-20 LOADING.
   B. CONCRETE SHALL BE COMPACTLY VIBRATED, (CENTRIFUGALLY SPUN, OR MECHANICALLY TAMPERED.
2. MANHOLE TO BE INSTALLED ON BUILDING SEWER AND LOCATED SUCH THAT THE MANHOLE WILL BE ACCESSIBLE AT ALL TIMES.
3. WHERE NO BUILDING SET-BACK IS AVAILABLE, SET MANHOLE IN PARKWAY AREA WHERE MANHOLE MUST BE SET IN CONCRETE, WALK, PLUG PICK-UP HOLE. LOCATE MANHOLE TO CLEAR OTHER UTILITIES.
4. CONCRETE BASE SILL BE OF CLASS "A" CONCRETE & PLACED IN ONE OPERATION. CONCRETE INVERTS SHALL BE TRUE TO GRADE AND ALIGNMENT AND FINISHED WITH A SMOOTH SURFACE. SPECIAL CARE SHALL BE USED IN FORMING ALL CHANNELS TO FACILITATE THE FLOW OF SEWAGE.
5. ALL MANHOLE TOPS SHALL BE INSTALLED WITH THE MANHOLE COVER OVER THE DOWNSWEEP OUTLET, EXCEPT AS OTHERWISE SPECIFIED.
6. SEE DRAWING 3D-11 FOR DETAILS AND INSTALLATION OF MANHOLE COVER AND FRAME.
7. GRADE RINGS SHALL BE 24’ID, EXCEPT AS OTHERWISE NOTED.
8. JOINTS SHALL BE 3/8" THICK CEMENT MORTAR NEARLY STRUCK AND POINTED; OR PREORDERED COLD APPLIED READY-TO-USE PLASTIC JOINT SEALING COMPOUND AND PRIMER AS SHOWN IN JOINT DETAIL HEREIN.
9. MANHOLE STEP (ONE STEP ONLY) SHALL BE EITHER CAST IN PLACE OR M.A. INDUSTRY'S STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC DRIVE-IN STEP. INSTALLATION TO BE BY MANHOLE MANUFACTURER. STEP ORIENTED 180° FROM MANHOLE OUTLET. STEP SHALL BE CAST IN PLACE TO BE USED AS CLEADING HOOK AND SHALL BE PLACED 6" MIN AND 12" MAX FROM TOP OF SHELF.

REVISIONS

EASTERN MUNICIPAL WATER DISTRICT
STANDARD DRAWING

PRECAST REINFORCES CONCRETE 36" ID SAMPLING MANHOLE

RECOMMENDED: DOUGLAS A. BROWN
DIRECTOR OF ENGINEERING

SALES TAX DATE: 9/7/7

SB-73