



NOTES:

USE SAME BARREL AND CONCENTRIC CONE AS SHOWN ON ACC. NO. 49037 WHEN LOCATED IN PAVED AREAS. WHEN LOCATED OUTSIDE OF PAVED AREAS, PROVIDE BARREL AND FLATTOP SLAB AS SHOWN ON ACC. NO. 49048.

5' DIAMETER BARREL SHALL BE USED ON CONDUITS 60" AND LARGER.

THE PRECAST MANHOLE TEE SHALL MEET THE SAME STRENGTH CLASS AS THE MAINLINE PIPE.

PRECAST MANHOLE TEES MAY BE USED ON CONDUITS 48" AND OVER UNLESS OTHERWISE NOTED ON THE PLANS.

REINFORCEMENT STEEL SHALL BE IN ACCORDANCE WITH ASTM C-478.

ALL CONCRETE SHALL BE CLASS "C".

THE GASKET BETWEEN THE PRECAST MANHOLE BASE RISERS SHALL MEET THE REQUIREMENTS OF ASTM C-443, EXCEPT THAT ONLY "O" RING AND PROFILE GASKETS ARE ACCEPTABLE.

OPENINGS FOR INFLUENT AND EFFLUENT CONDUIT SHALL BE PROVIDED TO MEET THE PROJECT REQUIREMENT.

ALL LIFT HOLES SHALL BE SEALED WITH HYDRAULIC CEMENT.

ALL CHARACTERISTICS NOT SHOWN HEREON SHALL BE SIMILAR TO ACC. NO. 49037.

UNDISTURBED EARTH (TYPICAL)

SECTION A-A
PRECAST MANHOLE TEE WITH OFFSET MANHOLE RISER

SECTION B-B
PRECAST MANHOLE TEE WITH INCOMING LINE

SECTION C-C
PRECAST MANHOLE TEE WITHOUT INCOMING LINE

NOTE: PRECAST MANHOLE TEE SHALL BE INSTALLED ON A 6" MINIMUM GRAVEL BASE (#57 CLEAN WASHED TYPE 1) AS SHOWN. CLASS "C" CONCRETE SHALL BE INSTALLED AROUND MANHOLE BASE UP TO THE SPRING LINE AS SHOWN WHEN DEPTH OF MANHOLE EXCEEDS 20 FEET.

THE METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI
PRECAST MANHOLE TEE
ALTERNATE FOR TYPE "T" STANDARD
MANHOLE ON SANITARY CONDUITS 48" AND OVER

NO SCALE DATE: DEC. 2010
APPROVED: *Ralph Johnston*
SEWERS CHIEF ENGINEER

M.C.

ACC. NO. 49040-A