



NOTES:

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACC. NO. 49037 FOR A 4' OR 5' DIA. MANHOLE.

DOWNSTREAM SIDE OF MANHOLE SHALL BE KEY BLOCKED INTO UNDISTURBED EARTH.

"DOGHOUSE" MANHOLE CONSTRUCTION METHOD IS ACCEPTABLE.

THIS MANHOLE SHALL BE RESTRICTED TO LOCATIONS WHERE HORIZONTAL DEFLECTION OF MAINLINE IS 45° OR LESS. IF THE DEFLECTION OF MAINLINE IS GREATER THAN 45°, A DETAIL OF THE MANHOLE SHALL BE SHOWN ON THE PLANS AND A 6' DIA. OR LARGER MANHOLE BASE MAY BE REQUIRED TO ALLOW A SMOOTH FLOW TRANSITION.

THE  
METROPOLITAN SEWER DISTRICT  
OF  
GREATER CINCINNATI  
**STANDARD MANHOLE FOR  
SANITARY CONDUITS ON  
STEEP SLOPES**

NO SCALE

DATE: JUNE, 2009

APPROVED: *Thomas Schweiers*  
SEWERS CHIEF ENGINEER