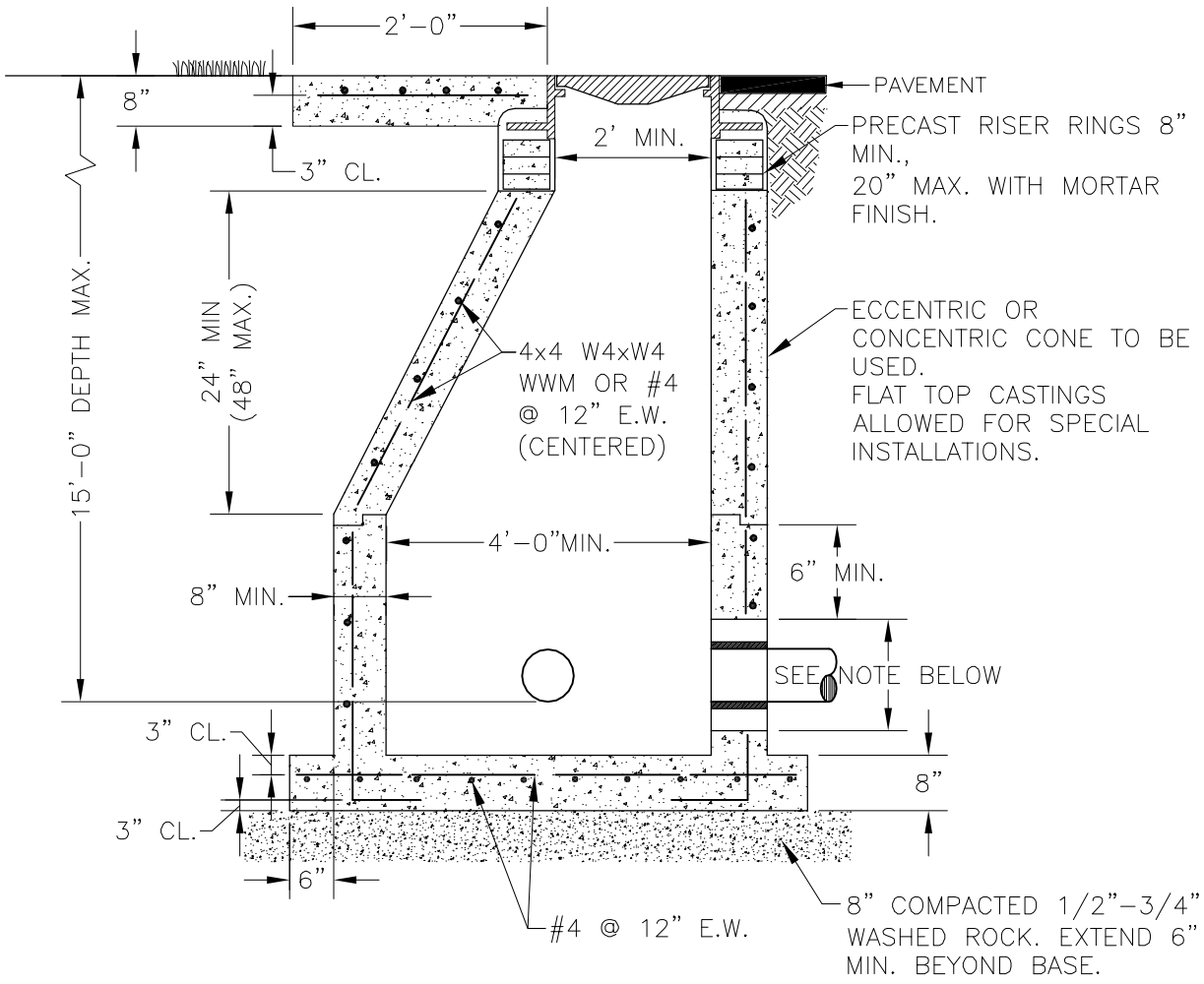

1. ALL PIPE OPENINGS SHALL BE INSTALLED WITH "HARCO" PVC MANHOLE ADAPTERS OR APPROVED EQUAL. FOR PVC & DUCTILE IRON PIPE PENETRATIONS. ADAPTERS SHALL BE FIELD SEALED WITH NON-SHRINK WATERPROOF GROUT.
2. MIN. HOLE DIAMETER EQUALS OUTSIDE WALL OF PVC PIPE ADAPTER PLUS 4 INCHES.
3. GRAVITY SEWER DEPTHS SHALL NOT EXCEED 15' EXCEPT BY SPECIFIC APPROVAL OF PUBLIC UTILITIES DEPARTMENT. PIPE FOR SUCH INSTALLATION SHALL BE CLASS 50 DIP.
4. MANHOLES IN GRASSED AREAS & UNFINISHED ROADWAYS SHALL HAVE A 6 FT. SQUARE OR 6 FT. DIAMETER CIRCULAR CONCRETE COLLAR WITH #4 @ 12" E.W. REINFORCING.

REVISED: SEPT-2009	GRAVITY SEWER SYSTEM - TYPICAL MANHOLE	STANDARD DETAIL
ISSUED: SEPT - 2009	CITY OF WEST PALM BEACH ENGINEERING SERVICES DEPT.	GS-2