STANDARD PRECAST CONCRETE MANHOLE
6-FT DIAMETER OR LARGER FOR NON-PAVED AREAS

- MANHOLE STEPS ALONG A VERTICAL WALL OVER THE EFFLUENT PIPE AND VERTICALLY ALIGNED (SEE DETAIL 07000.02)
- CONCRETE INVERT MEETING SPECIFICATIONS
- 8" MINIMUM EXTENDED BASE
- 12" BEDDING (#57 STONE)

NOTES:
1. ALL MANHOLE CONNECTIONS SHALL BE PREFABRICATED OR CORED WITH A CONCRETE CORING MACHINE.
2. ALL MANHOLES SHALL BE VACUUM TESTED.
3. EXTENDED BASE REQUIRED FOR ALL MANHOLES WITH MORE THAN 12-FT DEPTH OF BURY.
4. PROVIDE A MINIMUM 0.1 FOOT IN-OUT DROP FOR STRAIGHT RUNS AND 0.2 FOOT IN-OUT DROP FOR ANGLE RUNS.

EFFECTIVE: 12/10/09

FINISHED GRADE
FLAT TOP UPPER RISER UNIT
RISER UNIT
BASE UNIT
EFFLUENT PIPE 4" MIN.
8" MAXIMUM
7"
8" MINIMUM EXTENDED BASE
12" BEDDING (#57 STONE)

36" CLEAR SPAN COVER (SEE DETAIL 07000.03)
5'-0" MINIMUM
5'-0" MAX.
5'-0" MINIMUM BEFORE TRANSITION OR NO TRANSITION
10" MINIMUM
FLAT REDUCER
FINISHED GRADE
FLAT TOP

CONCRETE INVERT
PIPE

O-RING OR BUTYL RUBBER JOINT
6'-0" OR GREATER

STEPS 16" ON CENTER