



NOTES:

1. PRECAST SECTIONS SHALL BE JOINED WITH TONGUE AND GROOVE JOINTS SEALED WITH TWO (2) STRIPS BUTYL RUBBER.
2. PRECAST CONCRETE BARREL SECTION ASTM C-478 AND ASTM C-443.
3. PRECAST CONCRETE RING CONSTRUCTION ASTM C-478-64T ADJUSTMENT TO 12" MAXIMUM, USING THE MINIMUM NEEDED TO ACHIEVE THE DESIRED ELEVATION - 3 RINGS MAXIMUM. RUBBER NOISE RINGS SHALL BE USED IN ALL TRAFFIC AREAS.
4. STEPS SHALL BE EMBEDDED INTO WALL A MINIMUM OF 3 INCHES AND SHALL BE STEEL REINFORCED POLYURETHANE STEPS (12" WIDE) AND 12" BETWEEN EACH STEP.
5. FOR OPTIONAL PRECAST CONCRETE FLAT SLAB TOP REFER TO IDOT STANDARD 602601.
6. A FACTORY INSTALLED "RUBBER BOOT SEAL" SHALL BE PRECAST INTO MANHOLES AT ALL PIPE OPENINGS (SANITARY ONLY) - ASTM C923
7. FOR ALL RENOVATED/NEW MANHOLES, USE EITHER THE CRETEX INTERNAL/EXTERNAL CHIMNEY SEAL OR THE ADAPTOR INC. EXTERNAL CHIMNEY SEAL.
8. MINIMUM DIAMETER (D) SHALL BE AS FOLLOWS:
 48" FOR 8" - 18" PIPE
 60" FOR 21" - 36" PIPE
 72" FOR 39" - 60" PIPE
9. APPROVED MANUFACTURER'S PRODUCT NUMBERS:
 - PAVED AREAS (SOLID LID): EAST JORDAN 1050, EXTRA HEAVY DUTY, TYPE A SOLID COVER
 - NON-PAVED AREAS (SOLID LID): EAST JORDAN 1050, MEDIUM DUTY, TYPE A SOLID COVER
10. ADDITIONAL DETAILS FOR SANITARY FRAMES AND LIDS:
 - FRAMES AND COVERS FOR MANHOLES LOCATED WITHIN FLOODPLAIN AREAS AND HAVING A RIM ELEVATION BELOW THE FLOOD PROTECTION ELEVATION SHALL BE WATER TIGHT, LOCK TYPE COVERS- NEENAH NO. R-1755-B OR APPROVED EQUAL.
 - ALL SANITARY LIDS MUST BE GASKET TYPE WITH CONCEALED PICKHOLES.
 - SOLID LIDS FOR VILLAGE OWNED STRUCTURES MUST HAVE THE WORDS "VILLAGE OF MOUNT PROSPECT" AND HAVE THE NAME OF THE UTILITY (SANITARY) CAST INTO THE LID.

Village of Mount Prospect	
Public Works Department	
1700 W. Central Rd.	
SANITARY MANHOLE DETAIL	
Last Revised:	8-09