CITY OF AUSTIN
STANDARD PRODUCTS LIST
for
CONCRETE MANHOLE SECTIONS

USING DEPARTMENT: Water Utility **ISSUED:** 10/14/81 **REVIEWED:** 10/01/08 **REVISED:** 10/01/08

PREPARED BY: Bill Flynn, P.E. **CITY STOCK NUMBER:**

DESCRIPTION: Pre-cast concrete manhole sections consisting of risers, conical tops, flat slab tops, and base sections. Base sections shall consist of a riser section monolithically cast with an integral floor. Base riser sections must have approved connectors. Joint configuration and dimensions for 48" diameter sections shall be as shown on City of Austin Standard 506S-13. Gaskets shall be listed on SPL WW-146C. Large diameter pre-cast manholes shall not be used for junction boxes unless shown on the contract drawings. Large diameter bottom riser sections used as junction boxes shall have connected pipe size limitations as follows: 60" ID riser section for pipe to 30" maximum, 72" ID riser section for pipe to 42" maximum. Shop drawings shall be submitted for large diameter pre-cast manholes used as junction boxes. The shop drawings shall include flowline elevations of all incoming and outgoing pipes, elevation of transition from large diameter sections to 48" ID section, top of manhole elevation, surrounding ground elevation, as well as special construction considerations that are specified in the contract drawings. Cast-in-place manhole bottoms for 30" and larger pipe shall conform to Standard 506S-5. Precast plant must be NPCA certified.

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
01/02/97	HANSON CONCRETE PRODUCTS (WACO) P.O. Box 688 Hewitt, TX 76643	48" diameter	R. Lamb
04/01/99	HANSON CONCRETE PRODUCTS P.O. Box 200046 San Antonio, TX 78220	48" diameter	W. Flynn
01/02/04	HANSON CONCRETE PRODUCTS. 501 East Baxter Seguin, TX 78155	48" diameter	R. Lamb
01/01/06	CAPITAL CONCRETE PRODUCTS 5264 Hwy. 71 East Del Valle, TX 78617	48" diameter	R. Lamb
04/01/06	CHARLOTTE'S CONCRETE 4950 Lane Drive San Antonio, TX 78263	48" diameter	R. Lamb

NOTE:

1. Sections must comply with requirements of description above and with approved details.
2. Base sections shall be designed to prevent insertion of connecting pipe beyond inside surface of manhole wall.
3. Base sections shall be pre-cast.
4. Flat slab tops shall only be used when specified in the contract drawings.