



**CITY OF SAN MARCOS
STANDARD PRODUCTS LIST**

SPL No. WW-146

Sheet 1 of 1

**for
CONCRETE MANHOLE SECTIONS**

ISSUED: 09/01/2014

REVISED: 10/10/2018

DESCRIPTION: Pre-cast reinforced concrete manhole sections consisting of risers, conical tops, flat slab tops, and base sections meeting ASTM C478. 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 San Marcos Standard Details. 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 COSM approval 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 Details. Precast plant must be NPCA certified.

APPROVAL DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT
1/2/2004	FORTERRA Formally: HANSON CONCRETE PRODUCTS 511 E. John Carpenter Freeway, Suite 600 Irving, TX 75062	48" diameter
1/1/2006	CAPITAL CONCRETE PRODUCTS 5264 Hwy. 71 East Del Valle, TX 78617	48" diameter
4/1/2006	CHARLOTTE'S CONCRETE 4950 Lane Drive San Antonio, TX 78263	48" diameter
1/1/2012	CAPITAL PRECAST, INC. 800 Watson Lane East New Braunfels, TX 78130	48" diameter
4/1/2012	OLDCASTLE PRECAST, INC. 1900 Rilling Road San Antonio, TX 78214	48" diameter
10/10/2018	THE TURNER COMPANY 11049 S. Hightway (PO Box 885) Rhome, TX 76078	48" diameter

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.