MIN. MANHOLE DIAMETER

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>MIN. DIA.</th>
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<tr>
<td>LESS THAN 18&quot;</td>
<td>4'-0&quot;</td>
</tr>
<tr>
<td>18&quot; - 24&quot;</td>
<td>5'-0&quot;</td>
</tr>
<tr>
<td>30&quot; - 36&quot;</td>
<td>6'-0&quot;</td>
</tr>
<tr>
<td>GREATER THAN 36&quot;</td>
<td>7'-0&quot;</td>
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NOTE: THESE ARE MINIMUMS, DIAMETER SIZE MAY INCREASE DEPENDING ON NUMBER AND ANGLES OF CONNECTIONS.

1" NON-SHRINK GROUT CONTINUOUS ALONG MANHOLE BASE JOINT

#5 RING ASTM C33 EMBEDMENT SIZE NO. 57 OR SIZE NO. 67

#6 MIN. 2' MAX. 3,000 P.S.I. CONCRETE

3" CLR. TYPICAL

NOTES:

1. SEE PLANS FOR MANHOLE LOCATION, CONFIGURATION, PIPE SIZES AND TYPES.
2. SEE SPECIFICATIONS ON MATERIALS AND CONSTRUCTION.
3. MONOLITHIC MANHOLE TO BE CAST-IN-PLACE SHALL CONFORM TO ASTM SPECIFICATION C478 FOR MATERIALS AND DESIGN. MANUFACTURER TO PROVIDE DETAILS.
4. MANHOLES FOR MAINS 24" AND LARGER SHALL HAVE ECCENTRIC RISER SECTIONS.
5. DEPTH OF U CHANNEL WILL BE 3/4 THE DIAMETER OF PIPES 24" OR LESS AND WILL BE THE DIAMETER OF PIPES GREATER THAN 24".
6. MANHOLE COATING LIMITS - COAT ALL OF THE MANHOLE WALLS AT TOP OF MANHOLE: SEE DETAIL 506S-4A-SM FOR END LOCATION AT GRADE RINGS AT BOTTOM OF MANHOLE:
   NEW MANHOLES - COAT PER SPL 511; INCLUDING THE BOTTOM AND INVERT MANHOLE REHABILITATION - COAT PER SPL 511A; EXCLUDING THE BOTTOM AND INVERT

The City of San Marcos
Engineering and Capital Improvements

PRECAST MANHOLE WITH DROP INLET ON PRECAST BASE

RECORD COPY SIGNED BY 6/1/2018
LAURIE MOYER, P.E.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.
STANDARD DROP CONNECTIONS
MINIMUM DIMENSIONS
FOR INFORMATION ONLY

8" PVC

12" PVC

ALTERNATIVE OPTIONS

WYE CONNECTION

TEE CONNECTION

REFERENCES
DETAIL 503S-4W-SM
DETAIL 503S-5W-SM
DETAIL 506S-4A-SM

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ADOPTED

STANDARD NO.
506S-8-SM
3 OF 3