PRECAST SECTION
SPL WW-146
SEE NOTE 4

34 1/2"

COATING AS
SPECIFIED AFTER
VACUUM TESTING
IS COMPLETED
SEE NOTE 6

TYPICAL O-RING
SPL WW-146C

CAULK INSIDE
OF ALL JOINTS

BACKFILL
PER TRENCH
DETAIL

SEE DETAIL 506S-4A-SM
FOR GRADE RINGS,
CONCRETE COLLAR,
AND RING & COVERS

MIN. MANHOLE DIAMETER

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>MIN. DIA.</th>
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<tbody>
<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>
</tr>
</tbody>
</table>

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

12

# 5 at 12" ON
CENTER VERTICAL

3,000 P.S.I. CONCRETE

SECTION A-A

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 THEN 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

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

WASTEWATER MANHOLE ON PRECAST BASE

STANDARD NO.
506S-10-SM
1 OF 2
The City of San Marcos
Engineering and Capital Improvements

WASTEWATER MANHOLE ON PRECAST BASE

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

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.

STANDARD NO. 506S-10-SM
2 OF 2