1. A MAX. OF 4 AND A MIN. OF 2 THROAT RINGS SHALL BE USED AT EACH MANHOLE IN NEW OR EXISTING RIGHT-OF-WAY.

2. USE ADEKA SEALANT OR APPROVED EQUAL BETWEEN RING/Cover, ADJUSTMENT RINGS AND CHIMNEY OR CORBEL/CONE SECTION.

3. MANHOLE BASE THICKNESS AND FOUNDATION AS FOLLOWS:

<table>
<thead>
<tr>
<th>MANHOLE DEPTH (FT.)</th>
<th>BASE THICKNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 12</td>
<td>8&quot;</td>
</tr>
<tr>
<td>12 AND OVER</td>
<td>12&quot;</td>
</tr>
</tbody>
</table>

4. MANHOLE LOCATION AND COMPACTION AS FOLLOWS:

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>COMPACTION REQUIREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAVEMENT</td>
<td>98% STANDARD PROCTOR (ASTM D 698)</td>
</tr>
<tr>
<td>LANDSCAPE AREA</td>
<td>90% STANDARD PROCTOR (ASTM D 698)</td>
</tr>
</tbody>
</table>

5. NO RINGS ARE REQUIRED OUTSIDE OF STREET RIGHT-OF-WAY

6. IN FLOODPLAINS OR AREAS OF CONCENTRATED FLOW, THE CONE SHALL EXTEND 1 FOOT ABOVE THE BASE FLOOD ELEVATION OR A BOLT DOWN WATER-TIGHT RING AND COVER SHALL BE USED, VENTED WHERE REQUIRED.

7. WARNING SIGN ONLY TO BE PLACED WHERE SEWER CROSSES OPEN FIELDS.

8.為了节约空间，以下为深度大于12英尺时需要2个预制混凝土井的加固。

9. WARNING SIGN

10. SEE NOTE 7

11. SEWER SIGN

12. MANHOLE SIGN

13. (SEE DETAIL S5-02)

14. NOTE: DEPTHS GREATER THAN 12' WILL REQUIRE 2 MATS OF REINFORCING STEEL IN THE BASE.

15. STD. DUCTILE IRON MANHOLE COVER AND FRAME (30" DIA. OPENING) OR EQUAL

16. PRECAST REINFORCED CONC. MANHOLE SECT. ASTM DES. C-478

17. BACK FILL AROUND MH SHALL BE AS PER NOTE 4

18. 5" MIN.

19. VARIES (SEE TABLE)

20. 9" MAX

21. 12" MAX.

22. 3' MIN.

23. SEE NOTE 1

24. WATERSTOP-PIPECONX MANHOLE ADAPTER SEAL, OR APPROVED EQUAL. (2 REQ'D)

25. #4 BARS, 8" O.C.E.W.

26. 1/2" FT

27. #4 BARS BENT @ 90° AND TIED TO WALL AND BASE

28. 6" MIN.

29. 8' GREEN, HEAVY DUTY, WING CHANNEL POST

30. RUBBER-GASKET JOINTS W/MORTAR SEALANT INSIDE AT ALL JOINTS

31. INVERT = 3/4 DIAMETER OF PIPE UP TO 24". 24" AND LARGER SHALL BE FULL DEPTH INVERTS.