PLACE TRACING WIRE THROUGH GROUT HOLE. COIL ENOUGH WIRE TO EXTENDED 12" MIN. ABOVE COVER.

FRAME AND COVER
"CITY OF ALTAMONTE SPRINGS"
"SANITARY"
(DETAIL GU001)

2 COATS (8 MIL EA) COAL TAR EPOXY, INTERIOR & JOINTS

COURSES OF BRICK OR CONC. ADJUSTING RINGS (5 MAX.)

FLEX CONNECTOR

PRE-CAST CONC.

CONC. FILL BENCHING
CONNECT WITH DIRECT BURY LUG

FINISH GRADE

No. 89 CRUSHED STONE

9" MIN.

NOTES:

1. PRE-CAST CONCRETE SHALL BE TYPE 2 CEMENT (4,000 PSI).
2. LIFT HOLES NOT PERMITTED THROUGH PRE-CAST SECTIONS
3. ALL OPENINGS SHALL BE SEALED WITH NON-SHRINK GROUT.
4. INSTALL FLOW CHANNEL INSIDE MANHOLES.
5. SERVICE LATERALS SHALL GENERALLY NOT BE PERMITTED DIRECTLY INTO MANHOLES.
6. PLACE TWO HALF-MOON SHAPED PLYWOOD (3/8" TH. MIN.) IN BOTTOM OF MANHOLE AFTER PIPES HAVE BEEN CONNECTED TO KEEP DEBRIS FROM ENTERING SEWER.
7. REINFORCING STEEL PER ASTM C478-88A.
8. PROVIDE 5' X 5' X 12" CONCRETE COLLAR AROUND COVER FRAME, WITH 4 - #4 REBAR E.W. IN UNPAVED AREAS.
9. INSTALL TRACING WIRE [GREEN] PER CITY DETAIL GU004.

<table>
<thead>
<tr>
<th>MANHOLE SIZE</th>
<th>MH DEPTH</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>UP TO 24&quot; PIPE</td>
<td>UP TO 12'</td>
<td>48&quot;</td>
<td>6&quot;</td>
<td>36&quot;</td>
<td>15&quot;</td>
<td>AS REQ'D</td>
<td>8&quot;</td>
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<tr>
<td></td>
<td>12' TO 18'</td>
<td>60&quot;</td>
<td>8&quot;</td>
<td>36&quot;</td>
<td>15&quot;</td>
<td>AS REQ'D</td>
<td>10&quot;</td>
</tr>
<tr>
<td>OVER 36&quot; PIPE</td>
<td>18' AND DEEPER</td>
<td>72&quot;</td>
<td>8&quot;</td>
<td>36&quot;</td>
<td>15&quot;</td>
<td>AS REQ'D</td>
<td>14&quot;</td>
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