DESIGN CRITERIA:

DESIGN SPEED 25 M.P.H.
CURVE RADIUS 300' MIN.
GRADIENT 0.6% MIN-12% MAX OR AS DETERMINED BY THE PUBLIC WORKS DIRECTOR
STOPPING SIGHT DISTANCE 165' MIN.
INTERSECTION SIGHT DISTANCE 275' MIN.
SUPERELEVATION NONE
CURB RETURN RADIUS 25' MIN.
TRAFFIC INDEX 6.0 OR AS DETERMINED BY THE PUBLIC WORKS DIRECTOR

DRAINAGE:
SEE "1" SERIES PLATES

TABLE FOR A.B./A.S.B.

<table>
<thead>
<tr>
<th>BASEMENT SOIL 'R' VALUE</th>
<th>&gt; 42</th>
<th>37-42</th>
<th>32-36</th>
<th>27-31</th>
<th>22-26</th>
<th>17-21</th>
<th>12-16</th>
<th>7-11</th>
<th>&lt; 7</th>
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<tbody>
<tr>
<td>A.S.B. THICKNESS WHEN USED WITH 6&quot; A.B.</td>
<td>——</td>
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<td>4&quot;</td>
<td>5&quot;</td>
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<td>8&quot;</td>
<td>9&quot;</td>
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<tr>
<td>ALTERNATE - A.B. ONLY</td>
<td>6&quot;</td>
<td>7&quot;</td>
<td>8&quot;</td>
<td>9&quot;</td>
<td>10&quot;</td>
<td>11&quot;</td>
<td>12&quot;</td>
<td>13&quot;</td>
<td>14&quot;</td>
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NOTES:
1. PAVEMENT WIDTH MEASURED FROM TOP INSIDE FACE OF OPPOSING CURBS.
2. STREET TREES SHALL BE REQUIRED.
3. BASE UNDER CURB AND GUTTER SHALL EXTEND TO SAME DEPTH AS STREET BASE (6" MIN.)
4. RESIDENTIAL ROAD PROVIDES ACCESS TO 39 DWELLING UNITS OR LESS.
5. FOR LENGTH OF VERTICAL CURVE, SEE PLATE NO. 3-8.
6. THE CITY TRAFFIC ENGINEER MAY REQUIRE MODIFICATIONS TO PROPOSED LANDSCAPING, BERMS, SLOPES, STREET FURNITURE, WALLS OR STRUCTURES WITHIN THE SIDEWALK OR PARKWAY AREA, AS WELL AS OUTSIDE OF THE PUBLIC RIGHT-OF-WAY, WITHIN 500', OF ANY INTERSECTION TO COMPLY WITH SIGHT DISTANCE REQUIREMENTS.