Section 1000
Supplemental and Miscellaneous Standards
D (MIN.) = T/5
D (MAX.) = T/4

**TYPE A**
CONTRACTION JOINT

**TYPE B**
EXPANSION / ISOLATION JOINT

**TYPE C**
CONSTRUCTION JOINT
MINIMUM SEPARATION FROM GATE POST TO FACE OF CURB. GATE POST SHALL NOT BE LOCATED WITHIN THE SIDEWALK.

INTERSECTING ROADWAY

NOTES:
1. A TURNAROUND NEAR THE STOPPING POINT AND ACROSS THE MEDIAN IS REQUIRED FOR UNADMITTED VEHICLES.
2. A TURNAROUND WITH AN OUTSIDE RADIUS OF AT LEAST 55 FEET SHALL BE PROVIDED WHEN A SCHOOL BUS SHELTER AND TURNAROUND ARE REQUIRED AS A CONDITION OF FINAL SUBDIVISION PLAN OR ZONING APPROVAL.
3. 150 FT. MINIMUM SETBACK MAY BE INCREASED BASED ON TRAFFIC VOLUME AND ALIGNMENT OF ENTRANCE.

NOTE:
THIS DESIGN IS TO BE USED FOR PRIVATE STREETS ONLY.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/1000.2A

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS

GATED ENTRIES (MANNED OR UN-MANNED)
PLAN VIEW

DRAWING NO. 1000.2A

DRAWN BY: K.L.  DATE: 05/23/90

REVISED BY: J.M.K.  DATE: 02/01/2018

APPROVED:  J.M.K.

EFFECTIVE:  02/01/2018

COUNTY ENGINEER OR DESIGNEE

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/1000.2A

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NOTE:
THIS DESIGN IS TO BE USED FOR PRIVATE STREETS ONLY.
THE MINIMUM SETBACK FROM FACE OF A RAISED CURB TO ANY OBSTRUCTION (GUARDHOUSE, CARD READER, TELEPHONE, ETC.) IS TO BE 2' - 6'. EXCEPTIONS TO THIS SETBACK ARE A BREAK-AWAY BASE FOR CARD READERS AND TELEPHONES. THE PALM BEACH COUNTY FIRE MARSHAL MUST ALSO APPROVE PLANS.

* THE 1'-6" SETBACK IS NOT REQUIRED FOR ROOF OVERHANGS ABOVE A 14 FT. VERTICAL CLEARANCE FROM THE ROADWAY.

** FOR FIRE/RESCUE EQUIPMENT, PROVIDE A MINIMUM OF 15 FT. FROM FACE OF CURB TO FACE OF CURB.

NOTE: THIS DESIGN IS TO BE USED FOR PRIVATE STREETS ONLY.
DETAIL 1
NOTE: FOR LOCAL STREETS ONLY

DETAIL 2
NOTE: FOR LOCAL STREETS ONLY

A WEARING SURFACE: SEE TABLE 100.6
B BASE: SEE TABLE 100.6
C SUBGRADE: SEE TABLE 100.6

* MAINTAIN 2 FT. MOWING STRIP
** TREES & SHRUBS TO BE SET BACK
4 FT. (MIN.) FROM BACK OF CURB

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/1000.3

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS
CUL-DE-SAC LANDSCAPE ISLAND

DRAWING NO. 1000.3

DRAWN BY: K.A.L.
DATE: 02/24/04

REVISED BY: J.M.K.
DATE: 02/01/2018

APPROVED: COUNTY ENGINEER OR DESIGNEE
EFFECTIVE: 02/01/18
1" SCREENED OR CONCRETE SAND (TYP.)

15" COMPACTED LIMEROCK BASE COMPACTED TO 98% AASHTO T-180 (LBR100)
(3 EQUAL COURSES)

12" STABILIZED SUBGRADE TYPE B (LBR40) COMPACTED TO 98% AASHTO T-180

NOTE:
20" LIMEROCK WITH COMPACTED SUBGRADE MAY BE USED IN LIEU OF 12" STABILIZED
SUBGRADE/15" LIMEROCK

STRUCTURAL NUMBER (SN) VALUE:

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<tr>
<th>LAYER TYPE</th>
<th>THICKNESS</th>
<th>AASHTO CODE</th>
<th>SN TOTAL</th>
</tr>
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<tbody>
<tr>
<td>TYPE B STABILIZED, SUBGRADE (LBR40)</td>
<td>12&quot;</td>
<td>0.08</td>
<td>0.96</td>
</tr>
<tr>
<td>LIMEROCK BASE (LBR 100)</td>
<td>15&quot;</td>
<td>0.18</td>
<td>2.70</td>
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<tr>
<td>INTERLOCKING CONCRETE PAVER</td>
<td>3.125&quot;</td>
<td>0.00</td>
<td>0.00</td>
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</tbody>
</table>

PAVER STONE SECTION
N.T.S.

NOTE:
12" TYPE B-12.5 BASE COURSE WITH
COMPACTED SUBGRADE MAY BE USED IN LIEU
OF 12" STABILIZED SUBGRADE/9" TYPE B-12.5

1" SCREENED OR CONCRETE SAND (TYP.)

9" TYPE B-12.5 BASE COURSE
(3" MAXIMUM LIFTS)

12" STABILIZED SUBGRADE TYPE B (LBR40) COMPACTED TO 98% AASHTO T-180

NOTE:
12" TYPE B-12.5 BASE COURSE WITH
COMPACTED SUBGRADE MAY BE USED IN LIEU
OF 12" STABILIZED SUBGRADE/9" TYPE B-12.5

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<td>INTERLOCKING CONCRETE PAVER</td>
<td>3.125&quot;</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

ALTERNATE PAVER STONE SECTION
N.T.S.

NOTE:
12" SAND LAYER

24"

1" SAND LAYER

15" LIMEROCK OR 9" TYPE B-12.5

12" STABILIZED SUBGRADE

5" CONCRETE COLLAR

PAVER STONE AT STRUCTURE DETAIL
N.T.S.
PAVER STONE SPECIFICATIONS

1. PAVER STONES MUST MEET OR EXCEED ASTM C936 SPECIFICATIONS, "STANDARD SPECIFICATION FOR SOLID INTERLOCKING CONCRETE PAVING UNITS".

2. PROVIDE 12" STABILIZED SUBGRADE TYPE B (LBR 40) COMPACTED TO 98% AASHTO T-180.

3. SAWCUT NEATLY, REMOVE AND DISPOSE OF EXISTING PAVEMENT AND BASE, PROVIDE A MINIMUM 15" LIMESTONE BASE (LBR 100) OR CEMENT TREATED BASE OR APPROVED EQUAL; PRIMED AND COMPACTED (3 EQUAL 5" COURSES). COMPACT TO 98% AASHTO T-180.

4. PLACE BEDDING COURSE OF SHARP, NORMAL WEIGHT SCREENING OR CONCRETE SAND TO A UNIFORM DEPTH OF 1", LEVELED TO GRADE. CONTRACTOR MAY CONSIDER USE OF MORTAR MIX IN SAND BED TO STABILIZE THE PAVER SYSTEM AND MINIMIZE SETTLEMENT.

5. INSTALL INTERLOCKING CONCRETE PAVER STONES WITH A HERRINGBONE PATTERN, 3-18" (80 MM) THICK.

6. WHERE REQUIRED, CUT PAVING STONES WITH AN APPROVED CUTTER TO FIT ACCURATELY ON ALL EDGES, NEATLY AND WITHOUT DAMAGE.

7. TAMPER PAVING STONES WITH MECHANICAL VIBRATOR UNTIL UNIFORMLY LEVEL, TRUE TO GRADE AND FREE FROM MOVEMENT.

8. FILL VOIDS IN JOINTS BY SWEEPING IN A FINE, DRY MASONRY SAND.

9. WASH AND CLEAN THE SURFACE AS REQUIRED.

10. PAVERS MUST BE COMPLETELY BORDERED BY 3,000 PSI CONCRETE CURBS (FLUSH HEADER, VALLEY GUTTER, TYPE "D" OR TYPE "F"). HEADER CURB SHALL BE OF WHITE CONCRETE WITH GLASS SPHERES WHEN USED TO OUTLINE A CROSSWALK.

11. PROVIDE 5" THICK CONCRETE COLLAR, 24" AROUND ALL STRUCTURES WITHIN PAVER STONE AREA(S). TOP OF CONCRETE COLLAR TO BE PLACED AT BOTTOM OF SAND LAYER.

12. SIGNING, PAVEMENT MARKINGS AND REFLECTIVE PAVEMENT MARKERS SHALL BE IN ACCORDANCE WITH PALM BEACH COUNTY TYPICAL DRAWING NO. T-P-17 (OR LATEST REVISION), AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. PAVER STONES USED FOR PAVEMENT MARKING SHALL MEET COLORING AND RETROREFLECTIVITY REQUIREMENTS OF T-P-17 (OR LATEST REVISION).

13. DETECTION LOOPS TO BE REPLACED. CONDUITS AND PULL BOXES TO BE PROVIDED AS NECESSARY FOR LOOP LEAD-INS, AS APPROVED BY PBC. NO CONDUITS, LOOPS, OR PULL BOXES TO BE CONSTRUCTED UNDER PAVER STONES OR HEADER CURBS.