



**STRAIGHT END**

**PLAN VIEW**

END OF PAVEMENT

TOP OF CURB

GUTTER

3' TRANS.

END OF CURB

20' R

8.5'

±2'

**PROFILE**

5.5'

3' TRANS.

OF PAVEMENT

**FLARED END**

The diagram illustrates five types of expansion joints, labeled TYPE "A" through TYPE "E", with their respective dimensions and materials.

**TYPE "A"** shows a cross-section of a joint with a central core labeled "EXPANSION MAX 120' C-C". The core is surrounded by a "1/2\" PREMOLED EXPANSION JOINT MATERIAL". The joint has a "1/2\" R" radius on the top and bottom edges.

**TYPE "B"** shows a cross-section of a joint with a "TOOLED MAX 5' C-C" label. The joint has a "1/8\" R" radius on the top and bottom edges and a "1/8\" MIN." dimension for the top flange.

**TYPE "C"** shows a cross-section of a joint with a "FORMED MAX 10' C-C" label. The joint has a "1/8\" R" radius on the top and bottom edges and a "1/8\" MIN." dimension for the top flange.

**TYPE "D"** shows a cross-section of a joint with a "SAW-CUT MAX 5' C-C (96 HR)" label. The joint has a "3/16\" dimension for the top flange and a "1-1/2\" MIN." dimension for the top flange.

**TYPE "E"** shows a cross-section of a joint with a "SAW-CUT MAX 30' C-C (12 HR)" label. The joint has a "1/2\" dimension for the top flange and a "1-1/2\" MIN." dimension for the top flange.

The diagram is divided into two sections: "JOINTS ALT 1" (Types A, B, C) and "JOINTS ALT 2" (Types D, E).

Diagram illustrating the construction of a Type "A" Joint for a new sidewalk.

The diagram shows a cross-section of the joint and a plan view of the joint.

**Cross-section details:**

- Width: 5' MIN.
- Slope: 1% - 2% SLOPE
- Subbase: SUBBASE COMPACTED TO 98% OF MAXIMUM DENSITY (AASHTO T-99)
- ROW LINE: Right of Way Line

**Plan view details:**

- Joint Type: TYPE "A" JOINT
- Width: 5' MIN. TYP.
- Labels: P.T. (Point of Tangency), P.C. (Point of Curvature), NEW SIDEWALK, EXISTING SIDEWALK, ROW LINE.
- Joint Location: JOINT ALT 1 OR 2

**NOTES:**

1. Sidewalk construction is to comply with the latest FDOT standards for sidewalks and ADA curb ramps, per FDOT index 522-001 and 522-002.
2. Provide either joint alternate 1 or 2. If using joint alternate 2: construct type "E" joints at not more than 30' intervals - within 12 hours after finishing, construct 1/2" expansion, provide joint "A", with non-rising performed joint filler at not more than 120' intervals, construct remaining joints within 96 hours after finishing.
3. Provide 1/2" expansion joint type "A", with non-rising performed joint filler where concrete pavement abuts concrete curbs, driveways and other fixed objects.
4. Sidewalk thickness shall be 4" thick unless otherwise noted. Thickness shall be 6" through driveways and on all commercial sidewalk applications.
5. The use of steel reinforcement is not permitted.
6. Concrete to be 3,000 psi in 28 days.
7. Cure all concrete with approved method.
8. Sidewalk foundation shall be compacted to a firm, even surface, true to grade and cross section, and shall be moist at the time concrete is placed.
9. Construction shall conform to local construction codes and standards.
10. Sidewalk slopes shall meet the requirements of the Americans with Disabilities Act. Minimum transverse slope 0.01 ft./ft. And maximum transverse slope 0.02 ft./ft. toward shade or gutter. Longitudinal slope shall conform to ADA requirements.
11. The vertical deviation for a new sidewalk shall not be more than 1/8".
12. The vertical deviation for a new maintenance access structure cover shall not be more than 1/8".
13. Where truncated domes are used, stamped concrete is not permitted. Truncated domes to be cast with the concrete.
14. Sidewalk shall have a transverse hair broom finish.

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05/19/2025  
Florida Engineering Business License: CA7928  
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Florida Landscape Architecture Business License: LC26000457

**RESPONSIBILITY FOR THE USE OF THESE  
PLANS PRIOR TO OBTAINING PERMITS FROM  
ALL AGENCIES HAVING JURISDICTION OVER  
THE PROJECT WILL FALL SOLELY UPON THE  
USER.**

<b>BID-CONTRACT:</b>
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This item has been  
digitally signed and  
sealed by  
**NILES T. WARRICK, P.E.**  
on the date  
adjacent to the  
seal.

**NILES T. WARRICK**  
**LICENSE**  
No. 94320

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic cases.

2024-11-12 13:52:06-05'00'

STATE OF FLORIDA  
PROFESSIONAL ENGINEER

**NILES T. WARRICK, P.E.**  
**FLORIDA REG. NO. 94320**  
**(FOR THE FIRM)**

**CLIENT**

**DUET PROPERTY  
DEVELOPMENT, LLC**

PROJECT

**NORTH OCEAN PARK  
3424 NE 16th STREET  
POMPANO BEACH  
FL, 33062**

SHEET TITLE

## PAVING, GRADING, AND DRAINAGE DETAILS

**SHEET  
NUMBER** **CP-501**

PROJECT NUMBER	09520.05
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Plotted by: cdelanoy On 11/12/2024 1:24 PM

Drawing name: P:\09520.05 - The Duet - Ocean Park - PARK - Duet Property Holdings\Cadd\09520.05-CP-5XX.dwg

**STATUS: PRELIMINARY**