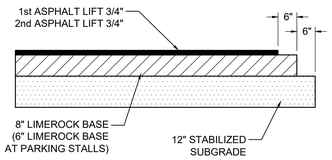
DRC
PZ25-12000022
11/05/2025



ASPHALTIC CONCRETE VEHICULAR:
FIRST LIFT - 3/4" FDOT - SP 9.5 (FINE MIX). SECOND (FINAL) LIFT - 3/4" FDOT - SP 9.5 (FINE MIX). ASPHALT SURFACE COURSE SHALL CONFORM TO THE REQUIREMENTS OF FDOT STANDARDS SPECIFICATIONS SECTIONS 330 AND 334. SECOND LIFT OF ASPHALT SHALL NOT BE PLACED UNTIL FINAL LANDSCAPE/HARDSCAPE HAS BEEN INSTALLED.

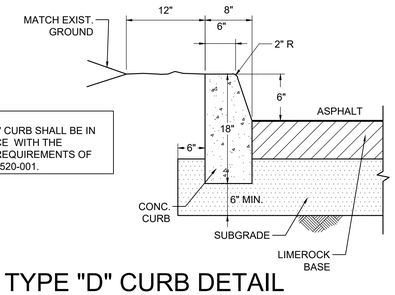
PRIME AND TACK COAT:
LIMEROCK BASE COURSE SHALL CONFORM TO THE REQUIREMENTS OF FDOT STANDARDS SPECIFICATIONS SECTION 300.
APPLICATION RATES:
PRIME COAT - 0.10 GALLONS PER SQ. YD.
TACK COAT - 0.08 GALLONS PER SQ. YD.

BASE:
8"/ 6" LIMEROCK BASE COMPACTED TO 98% OF MAXIMUM DENSITY (AASHTO T-180), LIMEROCK BASE TO CONFORM WITH THE REQUIREMENTS OF FDOT SPECIFICATIONS SECTIONS 200 AND 911.

SUBGRADE:
12" STABILIZED SUBGRADE COMPACTED TO 98% OF MAXIMUM DENSITY (AASHTO T-180); MINIMUM LBR = 40.

1 ASPHALT PAVEMENT DETAIL

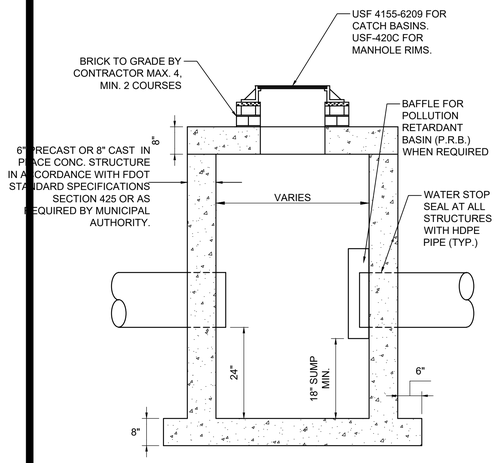
NOT TO SCALE



NOTE:
ALL TYPE "D" CURB SHALL BE IN ACCORDANCE WITH THE STANDARD REQUIREMENTS OF FDOT INDEX 520-001.

2 TYPE "D" CURB DETAIL PER FDOT INDEX No. 520-001

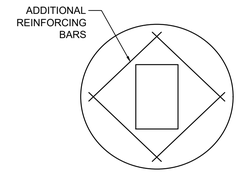
NOT TO SCALE



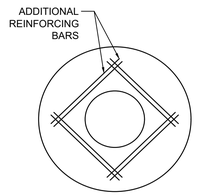
NOTES:
1. STRUCTURE MANUFACTURER AND/OR CONTRACTOR SHALL CONFIRM ALL STEEL REINFORCEMENT MEETS FDOT STANDARDS PER INDEX 425-010, SECTION 415 AND 425 PRIOR TO SUBMITTING ANY SHOP DRAWINGS FOR APPROVAL.
2. LOCKING GRATES TO BE PROVIDED.

3 CATCH BASIN / DRAINAGE MANHOLE DETAIL

NOT TO SCALE



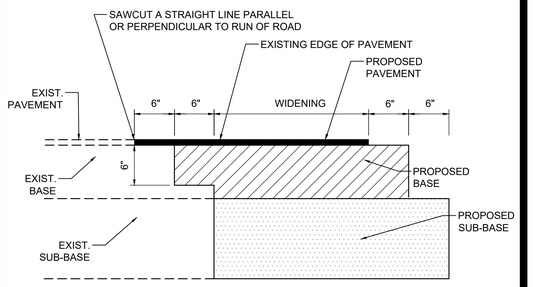
PLAN VIEW
TOP SLAB
FOR CATCH BASINS



PLAN VIEW
TOP SLAB
FOR MANHOLES

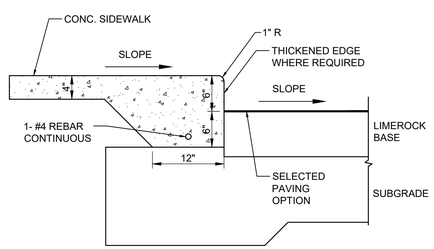
4 CATCH BASIN / MANHOLE FRAME DETAIL

NOT TO SCALE



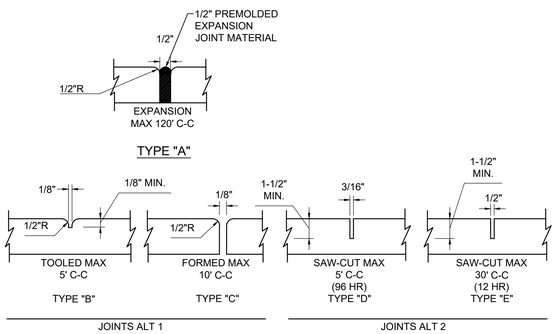
5 SAWCUT WIDENING DETAIL

NOT TO SCALE

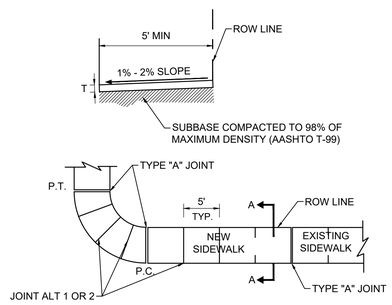


6 THICKENED EDGE SIDEWALK DETAIL

NOT TO SCALE



CONCRETE PAVEMENT & SIDEWALK JOINTS

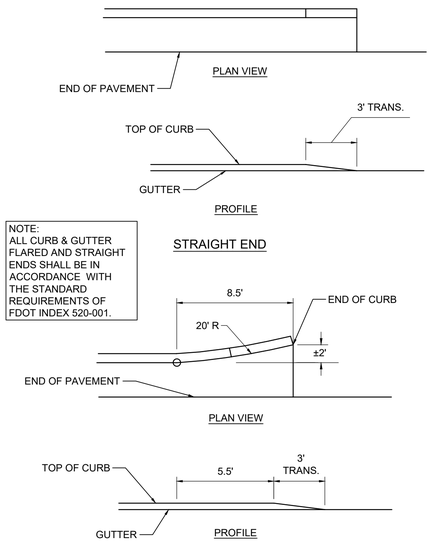


SIDEWALK PLAN

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 type "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. All 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 swale or gutter. Longitudinal slope shall conform to ADA requirements.
11. The vertical deviation for a new sidewalk shall not be more than ½".
12. The vertical deviation for a new maintenance access structure cover shall not be more than ¼".
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.

7 SIDEWALK DETAIL

NOT TO SCALE



NOTE:
ALL CURB & GUTTER FLARED AND STRAIGHT ENDS SHALL BE IN ACCORDANCE WITH THE STANDARD REQUIREMENTS OF FDOT INDEX 520-001.

8 CURB & GUTTER FLARED AND STRAIGHT ENDS

NOT TO SCALE

KEITH
301 East Atlantic Blvd.
Pompano Beach, FL 33060
PH: (954) 788-3400
Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

REVISIONS

NO.	DESCRIPTION	DATE

PRELIMINARY PLAN NOT FOR CONSTRUCTION

THESE PLANS ARE NOT FULLY PERMITTED AND ARE SUBJECT TO REVISIONS MADE DURING THE PERMITTING PROCESS.

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.

ISSUE DATE:	08/26/2025
DESIGNED BY:	BB
DRAWN BY:	DJE
CHECKED BY:	NW
BID-CONTRACT:	

This item has been digitally signed and sealed by **Thomas F. Donahue**, P.E. on the date adjacent to the seal.

THOMAS F. DONAHUE LICENSE No. 60529 STATE OF FLORIDA PROFESSIONAL ENGINEER

Signature must be verified on any electronic copies.

2025.08.27 09:59:19-04'00'

THOMAS F. DONAHUE, P.E.
FLORIDA REG. NO. 60529
(FOR THE FIRM)

CLIENT

GREEN MILLS GROUP

PROJECT

ASPIRE 1650

SHEET TITLE

PAVING, GRADING, AND DRAINAGE DETAILS

SHEET NUMBER	CP-501
PROJECT NUMBER	16500.00

DRC
PZ25-12000022
10.01.2025

Plotted by: dosuna On 8/26/2025 10:22 PM

Drawing name: H:\16500.00 - Aspire 1650 - Green Mills Group\Engineering\Cadd\16500.00-CP-5XX.dwg

STATUS: PRELIMINARY