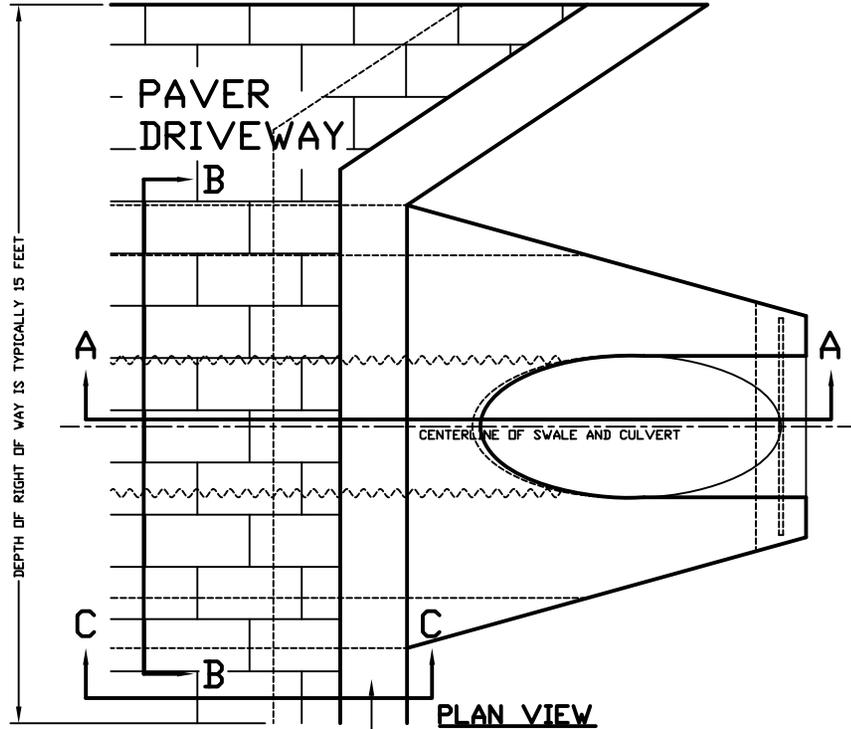
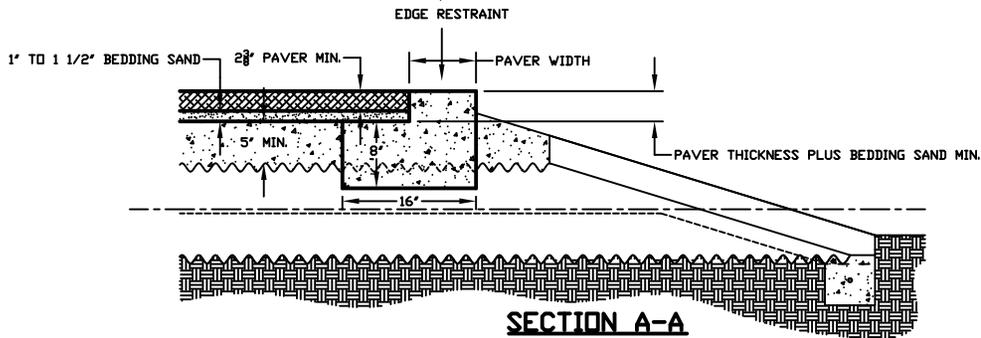


CITY OF PALM COAST PAVER RIGHT-OF-WAY RESIDENTIAL CULVERT DETAIL

(SUPPLEMENTS THE TYPICAL RIGHT-OF-WAY RESIDENTIAL CULVERT INSTALLATION)



PLAN VIEW



SECTION A-A

NOT TO SCALE

THE FOLLOWING IS BASED ON INFORMATION CONTAINED IN THE ICPI INTERLOCKING CONCRETE PAVEMENT INSTITUTE TECHNICAL SPECIFICATIONS COPYRIGHT 1999, SPEC NO. 10, REVISED MARCH 2003.

OPTION 1 (SEE SECTION C-C PAGE 2)

2 $\frac{3}{8}$ INCH THICK PAVER TO BE USED WITH A BASE MINIMUM THICKNESS OF 12 INCHES, LIMEROCK OR CRUSH CRETE.

OPTION 2 (SEE SECTION C-C PAGE 2)

3 $\frac{1}{8}$ INCH THICK PAVER TO BE USED WITH A BASE MINIMUM THICKNESS OF 8 INCHES, LIMEROCK OR CRUSH CRETE.

WITH EITHER OPTION 1 OR 2, THE AGGREGATE BASE SHALL BE COMPACTED TO AT LEAST 98% MODIFIED PROCTOR (PER ASTM D 1557).

OPTION 3 (SEE SECTION C-C PAGE 2)

MINIMUM 2 $\frac{3}{8}$ PAVER ON A 5 INCH THICK CONCRETE SLAB POURED BELOW THE DRIVEWAY FINISHED GRADE ENOUGH TO ALLOW FOR THE THICKNESS OF THE PAVER AND BEDDING SAND.

ALTERNATIVE 1 (SEE SECTION B-B ALTERNATIVE 1 PAGE 2)

5" OF CONCRETE COVER OF CULVERT, 1" - 1-1/2" BEDDING SAND, 2-3/8" PAVER MINIMUM.

ALTERNATIVE 2 (SEE SECTION B-B ALTERNATIVE 2 PAGE 2)

2" OF CONCRETE ALONG TOP AND SIDES TO THE BASE OF THE CULVERT, 1" - 1-1/2" BEDDING SAND, 2-3/8" PAVER MINIMUM

IN ALL CASES

1. THESE SPECIFICATIONS ARE TO BE USED IN CONJUNCTION WITH THE CULVERT DIMENSIONS SPECIFIED IN THE CITY OF PALM COAST TYPICAL RIGHT-OF-WAY RESIDENTIAL CULVERT INSTALLATION.
2. BRICK UNIT IS TO HAVE AN ASPECT RATIO OF 3 OR LESS.
3. SOIL SUBGRADE TO BE COMPACTED TO 95% PROCTOR DENSITY (PER ASTM D 1557) FOR A MINIMUM THICKNESS OF 6 INCHES.
4. AN EDGE RESTRAINT IS REQUIRED IN THE CITY RIGHT OF WAY (TYPICALLY 15 FEET FROM THE ROADWAY EDGE). IT SHALL BE TROWELED CONCRETE CURB, PRECAST CONCRETE OR CUT STONE. MINIMUM 8" THICK AND 16" WIDE.
5. BEDDING SAND IS TO BE SCREENED AND COMPACTED 1 TO 1 $\frac{1}{2}$ INCH THICK, COMPACTED AND CONFORMING TO THE GRADING REQUIREMENT OF ASTM C 33 OR CSA-A23.1-FA1.
6. IN NO CASE SHALL MASON SAND, STONE DUST OR WASTE SCREENINGS BE USED.
7. JOINTS BETWEEN PAVERS WILL BE BETWEEN $\frac{1}{8}$ " TO $\frac{3}{8}$ " WIDE AND FILLED WITH JOINT SAND.
8. ONCE PAVERS ARE PLACED, THEY SHALL BE COMPACTED WITH A PLATE COMPACTOR THAT HAS A MINIMUM FORCE OF 5,000 LBS AND A FREQUENCY OF 75 TO 100 HZ.
9. DO NOT PERMIT THE FINAL SURFACE ELEVATIONS TO DEVIATE MORE THAN $\frac{3}{8}$ " UNDER A 10 FOOT LONG STRAIGHTEDGE.
10. REPLACEMENT AND REPAIR OF THE PAVERS IS SOLELY THE OBLIGATION OF THE PROPERTY OWNER. IF THE CITY DECIDES THAT THE DRIVEWAY IS TO BE REPLACED THE COST ASSOCIATED WITH THE PAVERS WILL BE THE OBLIGATION OF THE PROPERTY OWNER. ANY FUTURE WORK DONE IN THE RIGHT-OF-WAY THAT DISTURBS THE PAVERS WILL BE REPLACED IN ACCORDANCE TO THE CITY OF PALM COAST TYPICAL RIGHT-OF-WAY RESIDENTIAL CULVERT DETAILS.

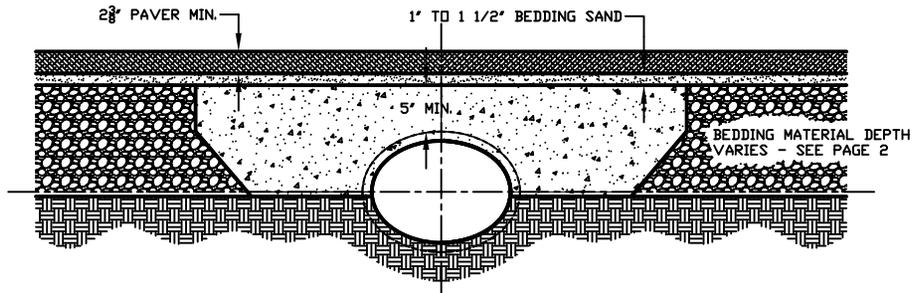


CITY OF PALM COAST
 STORMWATER MANAGEMENT DEPARTMENT
 160 CYPRESS POINT PARKWAY SUITE B106
 PALM COAST, FL 32164
 TEL (386) 986-4760 FAX (386) 986-4762

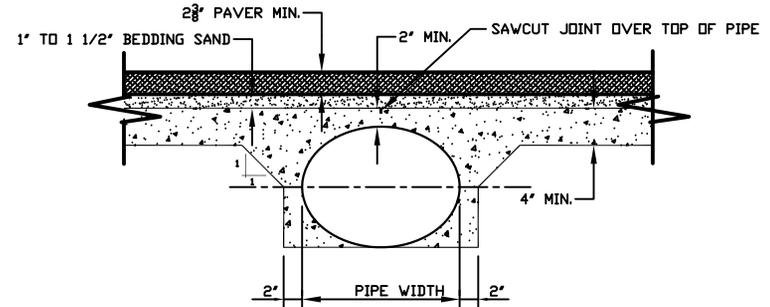
REVISED BY SLB		STORM WATER DRAINAGE SYSTEM MAINTENANCE		
DRAWN BY MCB	SIZE B	DATE September 11, 2014	SECTION - BLOCK - LOT	REV
REVIEWED BY JCM	SCALE NONE	DWG NO. 004-240605	SHEET 1 OF 2	

CITY OF PALM COAST PAVER RIGHT-OF-WAY RESIDENTIAL CULVERT DETAIL

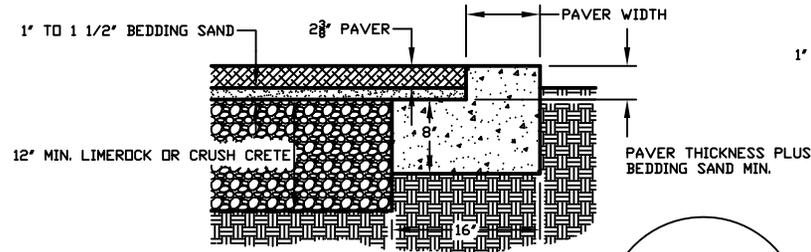
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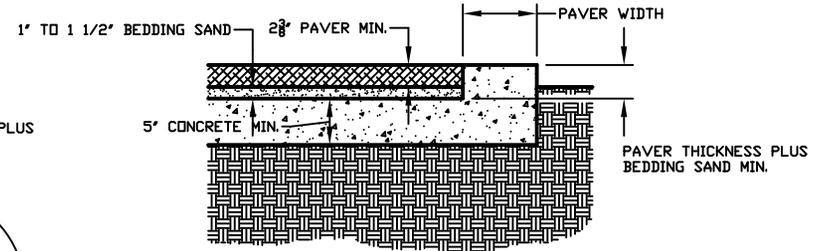
**SECTION B-B
ALTERNATIVE 1**



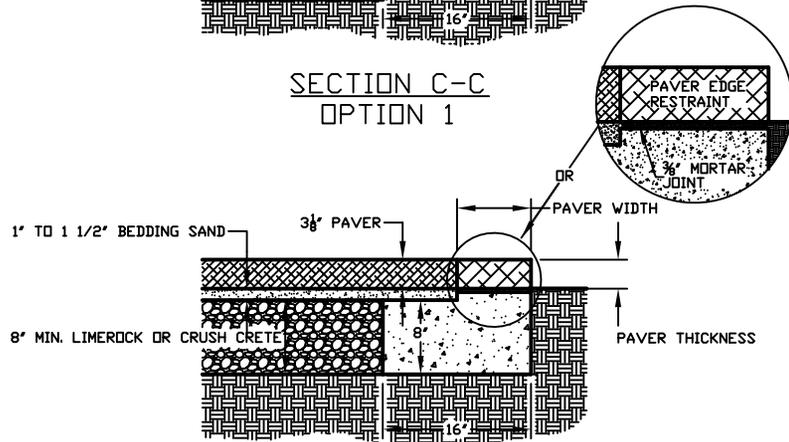
**SECTION B-B
ALTERNATIVE 2**



**SECTION C-C
OPTION 1**



**SECTION C-C
OPTION 3**



**SECTION C-C
OPTION 2**

NOT TO SCALE

		CITY OF PALM COAST STORMWATER MANAGEMENT DEPARTMENT 160 CYPRESS POINT PARKWAY SUITE B106 PALM COAST, FL 32164 TEL (386) 986-4760 FAX (386) 986-4762		
		REVISED BY SLB STORM WATER DRAINAGE SYSTEM MAINTENANCE		
DRAWN BY MCB	SIZE B	DATE September 11, 2014	SECTION - BLOCK - LOT	REV
REVIEWED BY JCM	SCALE NONE	DWG NO. 005-240605	SHEET 2 OF 2	