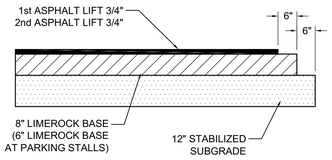


ASPHALTIC CONCRETE VEHICULAR:
FIRST LIFT - 3/4" FDOT - SP 9.5 (FINE MIX). SECOND (FINAL) LIFT - 3/4" FDOT - SP 9.5 (FINE MIX). ASPHALT SURFACE COURSE SHALL CONFORM TO THE REQUIREMENTS OF FDOT STANDARDS SPECIFICATIONS SECTIONS 330 AND 334. SECOND LIFT OF ASPHALT SHALL NOT BE PLACED UNTIL FINAL LANDSCAPE/HARDSCAPE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

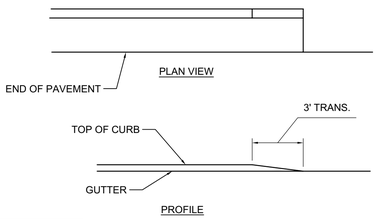
PRIME AND TACK COAT:
LIMEROCK BASE COURSE SHALL CONFORM TO THE REQUIREMENTS OF FDOT STANDARDS SPECIFICATIONS SECTION 300.
APPLICATION RATES:
PRIME COAT - 0.10 GALLONS PER SQ. YD.
TACK COAT - 0.08 GALLONS PER SQ. YD.

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.

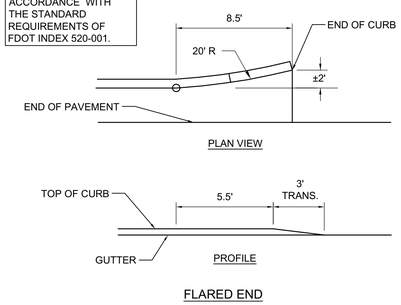
1 ASPHALT PAVEMENT DETAIL

NOT TO SCALE



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

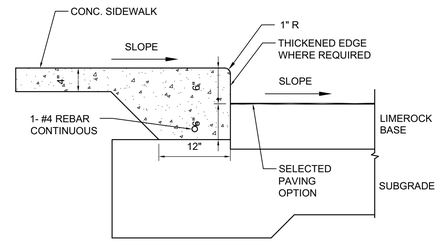
STRAIGHT END



FLARED END

2 CURB & GUTTER FLARED AND STRAIGHT ENDS

NOT TO SCALE



3 THICKENED EDGE SIDEWALK DETAIL

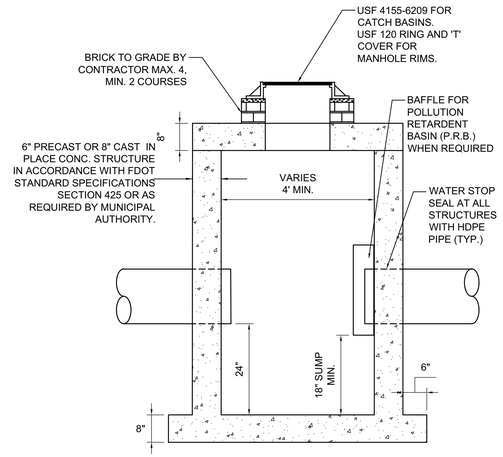
NOT TO SCALE

	SPACING OF REQUIRED ROADWAY, PARKING AREA, AND UTILITY TRENCH TESTS							
	Proctor Maximum Density		L.B.R.		DENSITY / Per Lift		THICKNESS	
	MAX. SPACING		MAX. SPACING		MAX. SPACING		MAX. SPACING	
	LIN. FEET	SQ. FEET	LIN. FEET	SQ. FEET	LIN. FEET	SQ. FEET	LIN. FEET	SQ. FEET
COMPACTED OR STABILIZED SUBGRADE	1000	12,000	1000	12,000	500	6,000	200	2,400
LIMEROCK BASE	4000	24,000	--	--	500	6,000	200	2,400
ASPHALT	--	--	--	--	1500	18000	Every 200 Tons	
UTILITY TRENCH	One per Soil Type		--	--	500	6,000	--	--
Embankment / Backfill	One per Soil Type		--	--	500	6,000	--	--

ALL TESTING SHALL BE TAKEN IN A STAGGERED SAMPLING PATTERN FROM A POINT 12" INSIDE THE LEFT EDGE OF THE ITEM TESTED TO THE CENTER, TO A POINT 12" INSIDE THE RIGHT EDGE. A MINIMUM OF 2 TESTS SHALL BE TAKEN INCLUDING UTILITY TRENCHS AND ROADWAY RESTORATION. SEE FDOT STANDARD SPECIFICATIONS FOR FURTHER DETAILS AND REQUIREMENTS.

4 COMPACTION TEST SCHEDULE

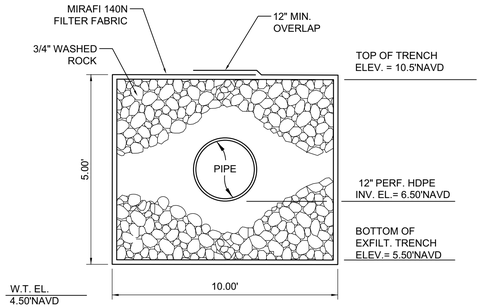
NOT TO SCALE



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.

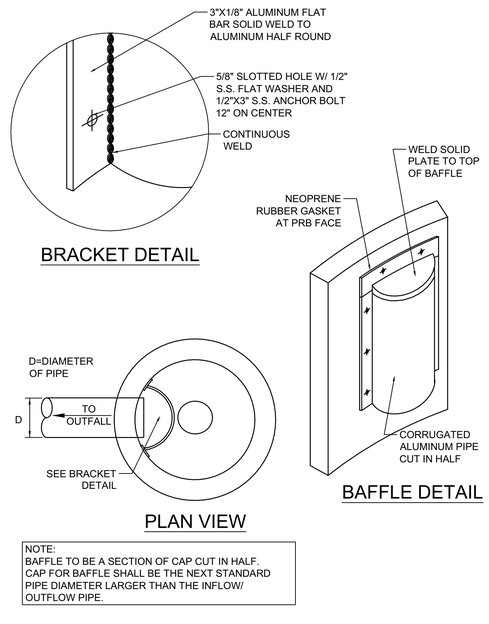
5 CATCH BASIN / DRAINAGE MANHOLE DETAIL

NOT TO SCALE



6 EXFILTRATION TRENCH DETAIL

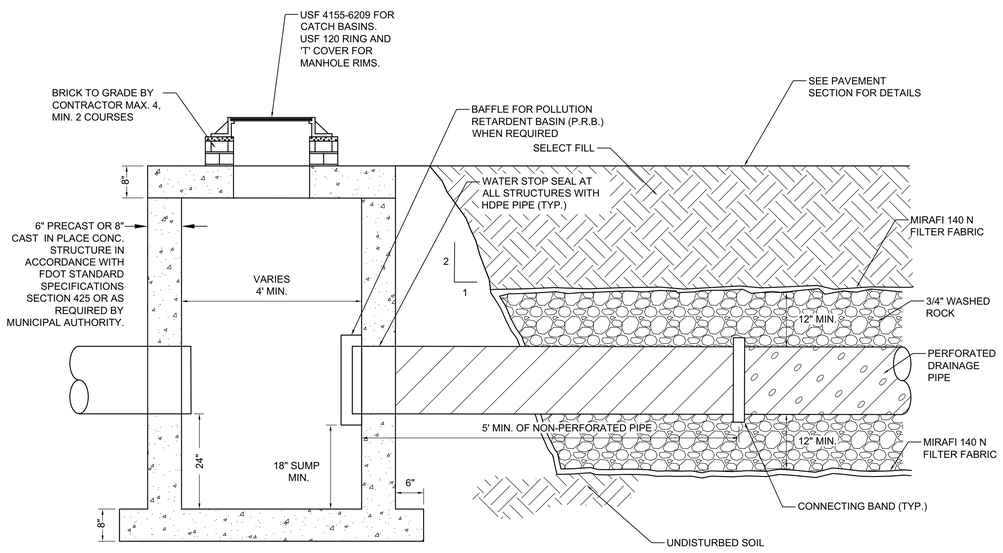
NOT TO SCALE



NOTE:
BAFFLE TO BE A SECTION OF CAP CUT IN HALF. CAP FOR BAFFLE SHALL BE THE NEXT STANDARD PIPE DIAMETER LARGER THAN THE INFLOW/ OUTFLOW PIPE.

7 POLLUTION RETARDENT BAFFLE DETAIL

NOT TO SCALE



8 CATCH BASIN W/ PRB AND EXFILTRATION TRENCH

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:	07/14/2022
DESIGNED BY:	JW
DRAWN BY:	FA/NW
CHECKED BY:	TD
BID-CONTRACT:	

This item has been digitally signed and sealed by Thomas F. Donahue, P.E. on the date below using a Digital Signature.

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

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

2022.07.13 19:15:31-04'00'

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

CLIENT

US GATEWAY INVESTMENTS LLC

PROJECT

GATEWAY LUXURY APARTMENTS
950 N. Powerline Road
Pompano Beach, FL

SHEET TITLE

PAVING, GRADING, AND DRAINAGE DETAILS

SHEET NUMBER: CP-501

PROJECT NUMBER: 12697.00

STATUS: PRELIMINARY

DRC
PZ22-12000008
8/17/2022

Plotted by: fascuntar On 7/13/2022 5:05 PM

Drawing name: T:\12697.00 - Powerline Road Pompano Beach - Multi Family Residence - US Gateway Investments\Engineering\Cad\12697.00-CP-SXX.dwg