

**TABLE 284.4.1-A: TREE RETENTION-MITIGATION EQUIVALENCY TABLES BY TREE TYPE [6]**

	Trees Retained			Total Credits	Grand Trees Retained		
	Diameter (inches) / Dripline (feet)	# of trees	Retention Multiplier		# of trees	Equivalent # of 2.5" Cal Trees	
<b>TYPE 1: TALL &amp; WIDE</b>	5" to 10"	0	-1	0	Grand tree(s)	0	0
	11" to 20"	0	-2	0			
	21" to 25"	0	-4	0			
	26" to <32"	0	-12	0			
	<b>Subtotal</b>	<b>0</b>		<b>0</b>	<b>Subtotal</b>		
							<b>Type 1: Total Mitigation Trees Required</b>
	Trees Removed			Total Debits	Grand Trees Removed		
	Diameter (inches) / Dripline (feet)	# of trees	Replacement Multiplier		# of trees	Equivalent # of 2.5" Cal Trees	
<b>TYPE 1: TALL &amp; WIDE</b>	5" to 10"	0	1	0	Grand tree(s)	0	0
	11" to 20"	0	2	0			
	21" to 25"	0	3	0			
	26" to <32"	0	4	0			
	<b>Subtotal</b>	<b>0</b>		<b>0</b>	<b>Subtotal</b>		
							<b>Type 1: Total Mitigation Trees Required</b>
	Trees Retained			Total Credits	Grand Trees Retained		
	Diameter (inches) / Dripline (feet)	# of trees	Retention Multiplier		# of trees	Equivalent # of 2.5" Cal Trees	
<b>TYPE 2: TALL &amp; NARROW</b>	5" to 17"	0	-1	0	Grand tree(s)	0	0
	18" to 29"	0	-2	0			
	30" to <32"	0	-3	0			
	<b>Subtotal</b>	<b>0</b>		<b>0</b>	<b>Subtotal</b>		
							<b>Type 2: Total Mitigation Trees Required</b>
		Trees Removed			Total Debits	Grand Trees Removed	
Diameter (inches) / Dripline (feet)		# of trees	Replacement Multiplier	# of trees		Equivalent # of 2.5" Cal Trees	
<b>TYPE 2: TALL &amp; NARROW</b>	5" to 17"	0	1	0	Grand tree(s)	0	0
	18" to 29"	0	2	0			
	30" to <32"	0	3	0			
	<b>Subtotal</b>	<b>0</b>		<b>0</b>	<b>Subtotal</b>		
							<b>Type 2: Total Mitigation Trees Required</b>
		Trees Retained			Total Credits	Grand Trees Retained	
Diameter (inches) / Dripline (feet)		# of trees	Retention Multiplier	# of trees		Equivalent # of 2.5" Cal Trees	
<b>TYPE 3: SHORT &amp; WIDE/MULTI-STEM</b>	5" to 7"	0	-1	0	Grand tree(s)	0	0
	8" to 17"	0	-2	0			
	18" to 29"	0	-3	0			
	30" to <32"	0	-12	0			
	<b>Subtotal</b>	<b>0</b>		<b>0</b>	<b>Subtotal</b>		
							<b>Type 3: Total Mitigation Trees Required</b>
	Trees Removed			Total Debits	Grand Trees Removed		
	Diameter (inches) / Dripline (feet)	# of trees	Replacement Multiplier		# of trees	Equivalent # of 2.5" Cal Trees	
<b>TYPE 3: SHORT &amp; WIDE/MULTI-STEM</b>	5" to 7"	0	1	0	Grand tree(s)	0	0
	8" to 17"	0	2	0			
	18" to 29"	0	3	0			
	30" to <32"	0	4	0			
	<b>Subtotal</b>	<b>0</b>		<b>0</b>	<b>Subtotal</b>		
							<b>Type 3: Total Mitigation Trees Required</b>

PALMS	Trees Retained			Total Credits	Trees Removed		
		# of trees	Retention Multiplier			# of trees	Replacement Multiplier
	Palms with 6' clear trunk	0	-1	0	Palms with 6' clear trunk	0	1
	<b>Subtotal</b>	<b>0</b>		<b>0</b>	<b>Subtotal</b>	<b>0</b>	
							<b>Palm: Total Mitigation Trees Required</b>

**NOTES:**

- [1] All grand tree species calculated at "moderate" growth rate and using 10" caliper tree as standard 5-Year Parity (i.e. 154 SF replacement Crown Footprint per 2.5" caliper tree planted).
- [2] Species Rating % standardized to mid-point of range. SR ["Species Rating"]: Rating denotes comparative value by species, based on suitability & performance as 'urban trees', using FL ISA's Tree Species Ratings (2016) PERCENT. If SR not available, use CR value (see Table 284.3.2-A City of Tampa Tree Matrix).
- [3] CR ["Condition Rating"]: Rating using Tree Hazard Evaluation Method (Matheny and Clark 1994); recorded as a PERCENT ['A'=100%, 'B'=90%, 'C'=75%, 'D'=40%, 'F'=0%].
- [4] Refer to Table 284.4.1-A1 Range of Species Ratings below.
- [5] Credit for grand tree retention is calculated in the same manner as debits.
- [6] All mitigation trees measuring less than 5" shall be factored into this table as a 5" tree.

*Reference: "ft" means "feet;" "in" means "inches;" "SF" means "square feet;" "cal" means "caliper."*

<b>Total Credits</b>
0
0

<b>Total Debits</b>
0
<b>0</b>
<b>0</b>

<b>Total Credits</b>
0
0

<b>Total Debits</b>
0
<b>0</b>
<b>0</b>

<b>Total Credits</b>
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<b>Total Debits</b>
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<b>0</b>
<b>0</b>

Total Debits
0
0
0

); recorded as