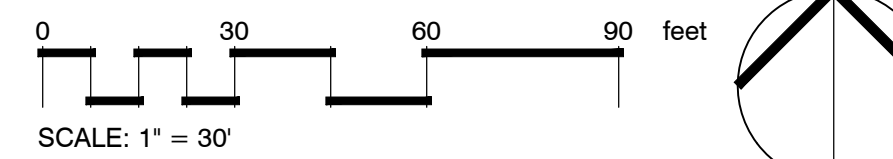


TREE PRESERVATION CALCULATIONS:

1. (1) tree for every 3,000 sq. ft. of open space per code section 402.090
 - 1.1. Approximate project open space (based on grading limits): 208,352 sq. ft.
 - 1.2. 208,352 sq. ft. / 3,000 sq. ft. = 69 trees required (99 provided)
2. Replace trees at a rate of 15 per acre per code section 402.04.A
 - 2.1. Approximate project area (based on grading limits): 4.783 acres.
 - 2.2. 4.783 acres X 15 = 72 trees required. (99 provided)
3. 172 trees removed (12" caliper or greater)
4. 25 trees preserved
5. Tree Canopy Area Coverage for Current Project Area
 - 5.1. Existing Project Site Area = 208,352 SF
 - 5.2. Existing Canopy Area = 206,268 SF (~99% of Project Site Area)
 - 5.3. Preserved Canopy Area = ~2,700 SF
 - 5.4. Total Percentage of Tree Canopy Area Preserved = ~1.3%



✕ TREE TO BE REMOVED

○ TREE TO BE PRESERVED

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CERTIFICATE
OF AUTHORITY #LC1126925

CONSULTANT

MASTERCARD PARKING LOT "E"

2200 MASTERCARD BOULEVARD
OF FALLON, MO 63368

NO.	ISSUED FOR	DATE
REV	REV NAME	REV DATE
	APPLICATION SITE PLANS	10/21/19
	APPLICATION SITE PLANS	10/18/19
	PERMITS	11/08/19
	PERMITS	11/22/19
	PERMITS	12/20/19

STAMP



Kristy DeGroot
Landscape Architect
LA-2010000189
DRAWING TITLE

Tree Preservation Plan

PROJECT #: 19-292
SHEET NUMBER

L1