

## MAJOR REVISION TO THE LANDSCAPING NOTES PROPOSED AREAS TOTAL AREA OF SITE= 0.77 AC. = 33,385 SQ.FT. COLUMBIA PLAZA SOUTH TOTAL BUILDING AREA = 4,145 SQ.FT. (12.4%) TOTAL PARKING PAVED AREA= 18,400 SQ.FT. (55.1%) TOTAL SIDEWALK AREA = 2,805 SQ.FT. (8.4%) TOTAL IMPERVIOUS AREA = 25,350 SQ.FT. (75.9%) TOTAL AREA OF OPEN SPACE/LANDSCAPING= 8,035 SQ.FT. (24.1%) PD PLAN <u>TREE PRESERVATION:</u> NO CLIMAX FOREST EXISTS ON SITE. STREET FRONTAGE LANDSCAPING: LOT 1 OF COLUMBIA PLAZA SOUTH A. IN ACCORDANCE WITH SECTION 29-4.4(D)(1) ALL PARKING PAVED AREAS MORE THAN 40 FEET IN LENGTH WITHIN 25 FEET OF STREET RIGHT-OF-WAY SHALL BE IMPROVED WITH A LANDSCAPING BUFFER STRIP SIX-FOOT WIDE IN ACCORDANCE WITH PROVISIONS OF SECTION 4.4(E)(2). TWO STRIPS OF LAND ON THIS SITE AN ADMINISTRATIVE PLAT OF LOT 1 MEET THIS CRITERIA. SEE NOTE 5 BELOW FOR COMPLIANCE WITH THIS REQUIREMENT. B. IN ACCORDANCE WITH SECTION 29-4.4(D)(2) STREET TREE LANDSCAPING SHALL BE INSTALLED AS FOLLOWS: LOURDES SUBDIVISION RECORDED BERNADETTE DR. FRONTAGE = 105 L.F. 1 TREE/ 40 FT = 105/40 = 2.63 OR 3 TOTAL TREES 30% LARGE TREES = 0.9 OR 1 TREES IN PLAT BOOK 29, PAGE 33 REMAINING TREE VARIETIES = 2 TREES COLUMBIA, BOONE COUNTY, MISSOURI STADIUM BLVD. FRONTAGE = 205 L.F.1 TREE/ 40 FT = 205/40 = 5.13 OR 6 TOTAL TREES SUBMITTED NOVEMBER 30, 2020 30% LARGE TREES = 1.8 OR 2 TREES REMAINING TREE VARIETIES = 4 TREES PROPERTY EDGE BUFFERING: THE ADJACENT PROPERTY TO THE SOUTH IS ZONED MULTI-FAMILY. IN ACCORDANCE WITH TABLE 4.4-4 OF THE UDC, A LEVEL 1 LANDSCAPE BUFFER IS REQUIRED, A SIX-FOOT WIDE LANDSCAPE BUFFER. THE 8' WOODEN SHADOW BOX STYLE FENCE SHALL REMAIN PER SECTION 4.1 OF THE CITY ORDINANCE 014281. BERDADETTE DRIVE IN ACCORDANCE WITH SECTIONS 29-4.4(D)(1) AND 29-4.4(E)(2) ONE SIX-FOOT WIDE LANDSCAPE BUFFER STRIPS HAS BEEN PROVIDED ON THIS SITE. THE BUFFER STRIP SHALL PROVIDE AT LEAST 80% OPACITY, VIEWED HORIZONTALLY, IN THE SPACE BETWEEN ONE FOOT AND FIVE FEET ABOVE GRADE AT THE SCREEN LINE, AT THE TIME OF INSTALLATION, AND SHALL CONTAIN A MINIMUM FOUR CATEGORIES OF PLANTING MATERIAL AS CONTAINED IN SECTION 29-4.4(C)(6). BUFFER STRIP SPECIFICATIONS DETAILED BELOW: BUFFER ZONE (310 L.F.): 310' LENGTH \* 6' WIDTH = 1,860 S.F. BUFFER AREA CATEGORY 1: 1,860 S.F./200 S.F. = 9.3, 10 TREES PROVIDED CATEGORY 2: DECIDUOUS FLOWERING SHRUB VARIETY 1 = 31 SHRUBS CATEGORY 3: DECIDOUS/EVERGREEN SHRUB VARIETY 2 = 31 SHRUBS CATEGORY 4: TURF GRASS - MINIMUM 50% AREA COVERAGE = 930 SQ. FT. (NOTE: 80% OPACITY ACHIEVED WITH 1 SHRUB/ 5 LINEAR FEET. 310 L.F./5 = 62 SHRUBS TOTAL REQUIRED, SEE CATEGORY 2 & 3) A. IN ACCORDANCE WITH SECTION 4.4(F)(4), 1 TREE REQUIRED PER EVERY 4,000 SQ. FT. OF PARKING PAVED AREA. PARKING PAVED AREA = 18,395 SQ. FT. / 4,000= 4.6 OR 5 TREES REQUIRED. B. IN ACCORDANCE WITH SECTION 4.4(F)(5), OF THE 5 TREES REQUIRED ABOVE, A MINIMUM OF 30% SHALL BE MEDIUM SHADE TREES, AND A MINIMUM OF 40% SHALL BE LARGE SHADE TREES. C. 2 MEDIUM SHADE TREES, 2 LARGE SHADE TREES AND 1 ORNAMENTAL TREES, FOR A TOTAL OF 5 TREES SHOWN PROVIDED ON THE SITE. DESIGNATED AS "PL" ON PLAN. PRESERVATION OF EXISTING LANDSCAPING: NO SIGNIFICANT TREES EXIST ON SITE. EXISTING TREES ALONG THE SOUTHERN PROPERTY LINE SHALL BE PRESERVED IF POSSIBLE. THOSE TREES REMOVED SHALL BE REPLACED WITH A SIMILAR SPECIES AS INDICATED FROM THE APPROVED COLUMBIA PLAZA SOUTH DEVELOPMENT AND LANDSCAPING PLAN APPROVED NOVEMBER 21ST, 1994. LANDSCAPING MAY BE ENHANCED BY THE DEVELOPER AS TIME AND BUDGET ALLOWS, GIVEN THE MINIMUM REQUIREMENTS DESCRIBED ABOVE ARE MET. LANDSCAPING CONTRACTOR MAY SUBMIT TO CITY ARBORIST ALTERNATE PLANTING LAYOUTS, TREE, SHRUB AND FLOWER MATERIALS OR SPECIES FOR APPROVAL PRIOR TO INSTALLATION, PROVIDED ANY REVISIONS COMPLY WITH THE CURRENT LANDSCAPING REQUIREMENTS. LANDSCAPING TABLE SYMBOL QUANTITY CONTAINER/SIZE SPACING CATEGORY STREET FRONTAGE LARGE DECIDUOUS SHADE TREE — MATURE HEIGHT 2" CAL — B&B >45' LARGE DECIDUOUS SHADE TREE -MATURE HEIGHT MEDIUM SHADE 2" CAL - B&B TREE - MATURE HEIGHT 30'-45' DRNAMENTAL TREE R/W = 2" CAL - B&B · MATURE HEIGHT CENTERS RIGHT-OF-WAY BUFFERING LARGE DECIDUOUS 15' SHADE TREE — CENTERS MATURE HEIGHT 2" CAL — B&B >45' LARGE DECIDUOUS SHADE TREE — MATURE HEIGHT 2" CAL — B&B >45' LARGE DECIDUOUS SHADE TREE -2" CAL — B&B CENTERS MATURE HEIGHT ------>45' DECIDUOUS SHADE 2" CAL — B&B N CENTERS TREE - MATURE HEIGHT 30'-45' ORNAMENTAL TREE - MATURE HEIGH 2" CAL — B&B CENTERS DECIDUOUS THIS DOCUMENT HAS BEEN 5 GAL FLOWERING SHRUB CENTERS ELECTRONICALLY VARIETY 1 SIGNED, SEALED AND DATED. DECIDUOUS/EVERG REEN SHRUB CENTERS VARIETY 2 **PARKING LOT** ⇒PL <u>∡</u> CENTERS MATURE HEIGHT 12/1/2 >45' MEDIUM SHADE TREE - MATURE 2" CAL — B&B HEIGHT 30'-45' MO PE-25052 DECEMBER 30, 2020 DECIDUOUS SHADE 2" CAL — B&B TREE - MATURE HEIGHT 30'-45' ORNAMENTAL TREE 4' HEIGHT - MATURE HEIGHT CENTERS

- EX. 8' WOODEN SHADOW BOX FENCE

(TO REMAIN)

W/ COMPLETE OPACITY

CITY CASE # 45-21 SOMO20.01 SHEET 2 OF 2

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