MAJOR REVISION TO THE

GADBOIS PROFESSIONAL OFFICES PD PLAN

LOT 3D OF THE ADMINISTRATIVE PLAT RECORDED

IN BOOK 3145, PAGE 52

COLUMBIA, BOONE COUNTY, MISSOURI

EXISTING SANITARY MANHOLE EXISTING TELEPHONE SERVICE EXISTING ELECTRIC TRANSFORMER PROPOSED ELECTRIC TRANSFORMER EXISTING UNDERGROUND ELECTRIC PROPOSED UNDERGROUND ELECTRIC EXISTING OVER-HEAD ELECTRIC EXISTING UNDERGROUND TELEPHONE EXISTING OVER-HEAD TELEPHONE EXISTING FIBER OPTIC CABLE PROPOSED SANITARY LATERAL EXISTING FLOWLINE OR WATER EDGE

IMPERVIOUS AREAS TOTAL SITE AREA 59,040 TOTAL IMPERVIOUS

EXISTING STORM SEWER

——— — — CATV ——— EXISTING CABLE TELEVISION

LEGEND

EXISTING FIRE HYDRANT

EXISTING ELECTRIC METER EXISTING GAS METER EXISTING WATER METER EXISTING CABLE BOX

EXISTING TELEPHONE BOX EXISTING UTILITY POLE

EXISTING WATER VALVE

EXISTING STREET SIGN

SQUARE FEET

EXISTING SANITARY

EXISTING CONTOUR

PAVEMENT

PROPOSED WATER SERVICE

PROPOSED STORM SEWER

ACRES

EXISTING GUY WIRE

EXISTING LIGHT POLE PROPOSED LIGHT POLE

STORMWATER MANAGEMENT

THIS LOT IS SUBJECT TO THE CURRENT CITY OF COLUMBIA STORMWATER ORDINANCE, CHAPTER 12A, WATER QUALITY AND DETENTION REQUIREMENTS.

STORMWATER DETENTION AND WATER QUALITY MEASURES ARE INTENDED TO BE ACHIEVED BY PROPRIETARY WATER QUALITY UNIT AND UNDERGROUND STORAGE CHAMBERS. EXACT SYSTEM, LOCATION, AND SIZE TO BE DETERMINED ON FINAL CONSTRUCTION PLANS.

STREAM BUFFER STATEMENT

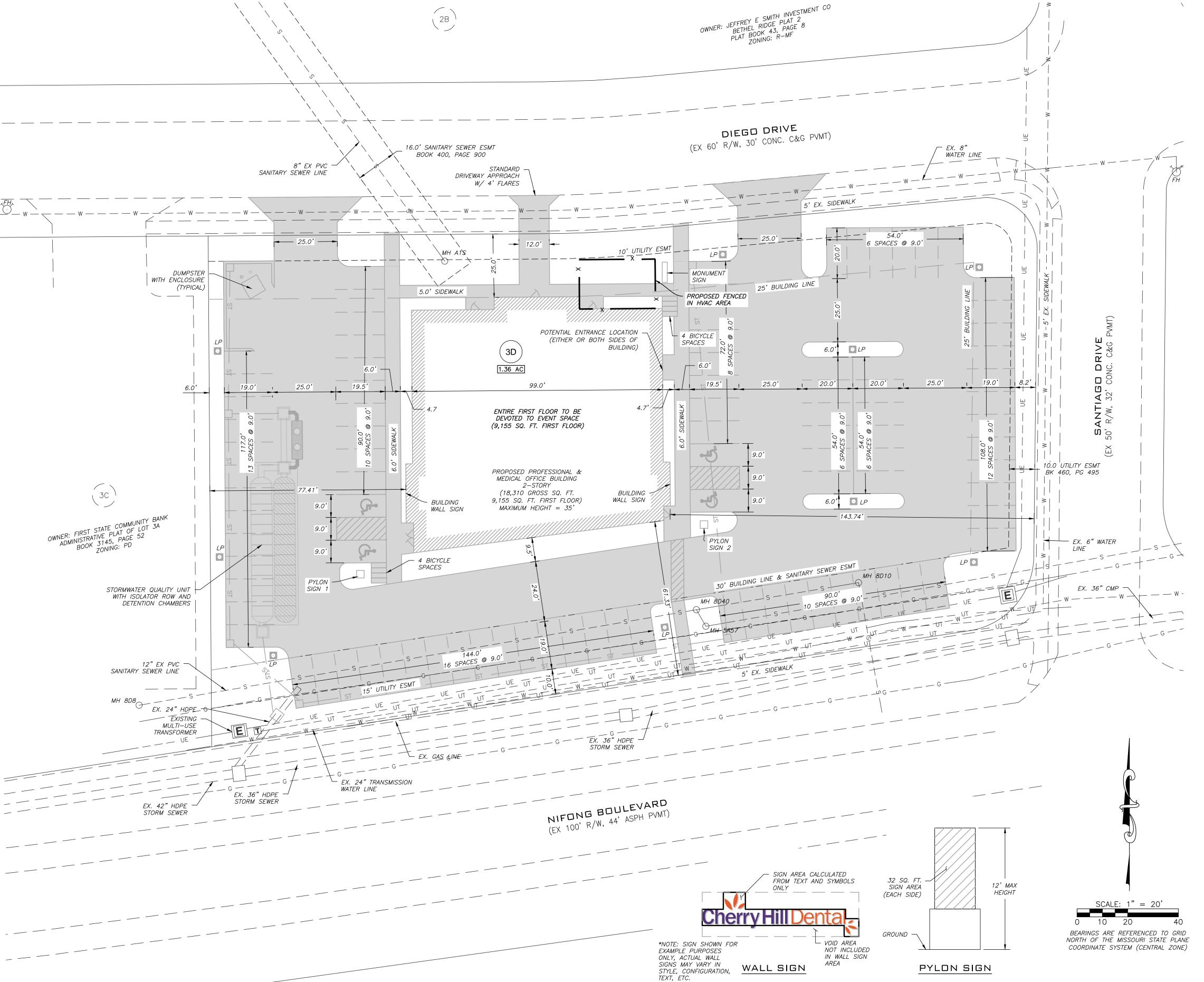
THIS TRACT IS REGULATED BY THE CITY OF COLUMBIA STREAM BUFFER ORDINANCE AS DETERMINED BY THE USGS MAP FOR COLUMBIA QUADRANGLE, BOONE COUNTY, MISSOURI AND ARTICLE X OF CHAPTER 12A OF THE CITY OF COLUMBIA CODE OF ORDINANCES. NO STREAM BUFFERS EXIST ON THIS SITE.

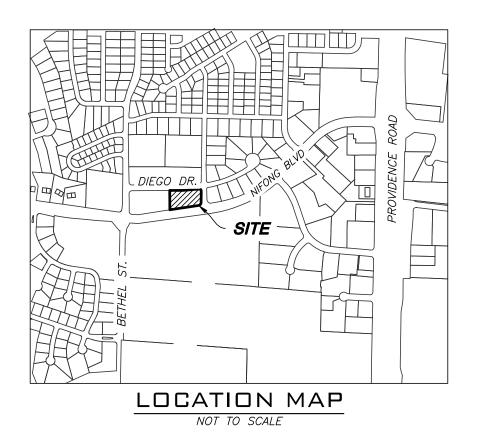
FLOOD PLAIN STATEMENT

THIS TRACT IS LOCATED WITHIN ZONE X(AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN)AS SHOWN BY FLOOD INSURANCE RATE MAP #29019C0287E, DATED APRIL 19, 2017

APPROVED BY THE CITY OF COLUMBIA PLANNING AND ZONING COMMISSION THIS _____ DAY OF SARA LOE, CHAIRMAN ACCEPTED BY ORDINANCE OF THE CITY COUNCIL OF COLUMBIA THIS _____, 2022. BARBARA BUFFALOE, MAYOR

SHEELA AMIN, CITY CLERK





SITE DATA

ACREAGE: 1.36 ACRES SECTION-TOWNSHIP-RANGE: SW 1/4 ZONING: PD (PREVIOUS C-P BY CITY ORDINANCE #: 019150)

OWNER CHERRY HILL DENTAL

ASSOCIATES, LLC 2012 CHERRY HILL DRIVE, SUITE COLUMBIA, MO 65203

LEGAL DESCRIPTION

LOT 3D OF THE REPLAT OF LOT 3A OF THE REPLAT OF LOT 3, ROCKBRIDGE SUBDIVISION, BLOCK V. COLUMBIA, MISSOURI AND TRACT A OF THE SEVEN-TRACT SURVEY RECORDED IN BOOK 460, PAGE 495, AND BEING SHOWN BY THE ADMINISTRATIVE REPLAT RECORDED IN BOOK 3145, PAGE 52, ALL OF THE BOONE

GENERAL NOTES

- 1. THIS SITE IS PART OF THE PREMIER BANK, BETHEL BANKING CENTER C-P PLAN THAT WAS PREVIOUSLY ACCEPTED BY CITY COUNCIL JULY 26TH, 2006, BY CITY ORDINANCE 019150.
- 2. BUILDING SIZE AND DIMENSIONS ARE APPROXIMATE.
- 3. ALL PROPOSED UTILITIES ARE SHOWN FOR GENERAL LOCATION PURPOSES ONLY AND MAY BE REFINED ON FINAL CONSTRUCTION DOCUMENTS.
- 4. ALL DIMENSIONS ARE FROM BACK OF CURB UNLESS SHOWN OTHERWISE.
- 5. ELECTRIC EASEMENT ON NORTH SIDE OF NIFONG BOULEVARD, PREVIOUSLY RUNNING THROUGH AND OVER THIS SITE, WAS VACATED AS SHOWN IN BOOK
- 6. SANITARY SEWER EASEMENT, PREVIOUSLY RUNNING THROUGH AND OVER THIS SITE IN A NORTH-SOUTH DIRECTION, WAS VACATED AS SHOWN IN BOOK 4686,
- 7. ALL SIDEWALKS AND CURB RAMPS (EXISTING AND PROPOSED) SHALL BE IMPROVED AND/OR CONSTRUCTED TO CONFORM WITH ADA.
- 8. OWNER TO PROVIDE ADDITIONAL STREET AND UTILITY EASEMENTS ALONG NIFONG BLVD, AS REQUIRED BY THE CITY, TO FACILITATE IMPROVEMENTS FOR A MAJOR ARTERIAL AS SHOWN ON THE CATSO MAJOR ROADWAY PLAN.

SIGNAGE NOTE

EXTERIOR SIGNAGE:

DIRECTIONAL SIGNS AS ALLOWED IN M-N DISTRICTS, CITY OF COLUMBIA CODE OF ORDINANCES.

2 PYLON SIGNS ALONG NIFONG BLVD, BEING A MAXIMUM OF 32 SQUARE FEET AREA ON TWO SIDES EACH, AND MAXIMUM 12' HEIGHT, SEE PYLON SIGN DETAIL. PYLON SIGN 1: 32 S.F. MAX EACH SIDE, WEST AND SOUTH SIDES ONLY PYLON SIGN 2: 32 S.F. MAX EACH SIDE, EAST AND SOUTH SIDES ONLY

BUILDING AND WALL SIGNAGE:

2 BUILDING WALL SIGNS BEING A MAXIMUM OF 64 SQUARE FEET AREA ON EAST AND WEST SIDES OF BUILDING RESPECTIVELY. AREA CALCULATED AS SHOWN ON WALL SIGN

ONE OF THE FOLLOWING OPTIONS:

(1) 1 FREESTANDING SIGN ALONG DIEGO DR. BEING A MAXIMUM OF 48 SQUARE FEET EACH SIDE AND MAXIMUM 12' HEIGHT.

(2) 1 ADDITIONAL BUILDING WALL SIGN BEING A MAXIMUM OF 48 SQUARE FEET AREA ON THE EAST SIDE OF THE BUILDING.

LIGHTING NOTE 24 FOOT MAXIMUM LIGHT POLE HEIGHT

NUMBER AND LOCATIONS HAVE BEEN SHOWN FOR SCHEMATIC REFERENCE. FINAL LOCATION AND NUMBER OF POLES SUBJECT TO APPROVED LIGHTING PLAN, IN ACCORDANCE WITH ALL APPLICABLE CODES, AT THE TIME OF BUILDING PERMITTING

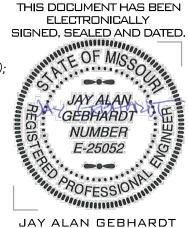
ALL OTHER LIGHTING DESIGN WILL BE IN ACCORDANCE WITH SECTION 29-4.5 OF THE CITY OF COLUMBIA CODE OF ORDINANCES.

PARKING DATA

MEDICAL OFFICE — 1 SPACE/200 SQ. FT. 18,310 SQ. FT. = 91.55 = 92 SPACES

TOTAL REQUIRED: 92 SPACES (3 OF WHICH ARE REQUIRED TO BE HANDICAPPED SPACES, WITH 1 TO BE VAN ACCESSIBLE); + 8 REQUIRED BICYCLE SPACES, (MAY BE COUNTED TOWARDS TOTAL REQUIRED SPACES)

87 REGULAR SPACES 4 HANDICAP SPACES (2 OF WHICH ARE VAN ACCESSIBLE) 8 BICYCLE SPACES TOTAL PROVIDED = 99 SPACES



MO PE-25052 MAY 6, 2022



A CIVIL GROUP CIVIL ENGINEERING - PLANNING - SURVEYING

3401 BROADWAY BUSINESS PARK COURT SUITE 105 COLUMBIA, MO 65203 PH: (573) 817-5750, FAX: (573) 817-1677 MISSOURI CERTIFICATE OF AUTHORITY: 2001006115

- 1. <u>PROPOSED AREAS</u>
 TOTAL AREA OF SITE= 1.36 AC. = 59,040 SQ.FT.
 TOTAL BUILDING AREA= 9,155 SQ.FT. (15.5%)
 TOTAL PARKING PAVED AREA= 33,396 SQ.FT. (56.6%)
- TOTAL SIDEWALK AREA= 2,629 SQ.FT. (4.4%)
 TOTAL IMPERVIOUS AREA= 45,180 SQ.FT. (76.5%)
 TOTAL AREA OF OPEN SPACE/LANDSCAPING= 13,860 SQ.FT. (23.5%)
- 2. <u>TREE PRESERVATION:</u> NO CLIMAX FOREST EXISTS ON SITE.
- 3. STREET FRONTAGE LANDSCAPING:
 - 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). FOUR STRIPS OF LAND ON THIS SITE MEET THIS CRITERIA. SEE NOTE 5 BELOW FOR COMPLIANCE WITH THIS REQUIREMENT.
 - THIS REQUIREMENT.

 B. IN ACCORDANCE WITH SECTION 29-4.4(D)(2) STREET TREE LANDSCAPING SHALL BE INSTALLED AS FOLLOWS:

<u>DIEGO DR. FRONTAGE = 310 L.F.</u> 1 TREE/ 40 FT = 310/40 = 7.75 OR 8 TOTAL TREES 30% LARGE TREES = 2.4 OR 3 TREES REMAINING TREE VARIETIES = 5 TREES

SANTIAGO DR FRONTAGE = 122 L.F.

1 TREE/ 40 FT = 122/40 = 3.05 OR 4 TOTAL TREES

30% LARGE TREES = 1.2 OR 2 TREES

REMAINING TREE VARIETIES = 2 TREES

NIFONG BLVD FRONTAGE = 303 L.F.

1 TREE/ 40 FT = 303/40 = 7.6 OR 8 TOTAL TREES
30% LARGE TREES = 2.4 OR 3 TREES
REMAINING TREE VARIETIES = 5 TREES

4. PROPERTY EDGE BUFFERING:
NO PROPERTY EDGE BUFFERING, OTHER THAN DESCRIBED BELOW, IS REQUIRED ON
SUBJECT SITE. THE ONLY ADJACENT PROPERTY, BEING TO THE WEST, IS
COMMERCIALLY ZONED. IN ACCORDANCE WITH TABLE 4.4—4 OF THE UDC, NO
BUFFER REQUIRED AT COMMERCIAL TO COMMERCIAL TRANSITION.

5. RIGHT—OF—WAY BUFFERING:
IN ACCORDANCE WITH SECTIONS 29—4.4(D)(1) AND 29—4.4(E)(2) FOUR SIX—FOOT
WIDE LANDSCAPE BUFFER STRIPS HAVE BEEN PROVIDED ON THIS SITE. EACH
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 1(69 L.F.):

69' LENGTH * 6' WIDTH = 414 S.F. BUFFER AREA

CATEGORY 1: 414 S.F./200 S.F. = 2.07 TREES. 3 TREES PROVIDED

CATEGORY 2: DECIDUOUS FLOWERING SHRUB VARIETY 1 = 7 SHRUBS

CATEGORY 3: DECIDOUS/EVERGREEN SHRUB VARIETY 2 = 7 SHRUBS

CATEGORY 4: TURF GRÁSS — MINIMUM 50% AREA COVERAGE = 210 SQ. FT. (NOTE: 80% OPACITY ACHIEVED WITH 1 SHRUB/ 5 LINEAR FEET. 69 L.F./5 = 14 SHRUBS TOTAL REQUIRED, SEE CATEGORY 2 & 3)

<u>BUFFER ZONE 2(121 L.F.)</u> 121' LENGTH * 6' WIDTH = 726 S.F. BUFFER AREA

CATEGORY 1: 726 S.F./200 S.F. = 3.63 TREES. 4 TREES PROVIDED CATEGORY 2: DECIDUOUS FLOWERING SHRUB VARIETY 1 = 13 SHRUBS CATEGORY 3: DECIDOUS/EVERGREEN SHRUB VARIETY 2 = 12 SHRUBS CATEGORY 4: TURF GRASS — MINIMUM 50% AREA COVERAGE = 363 SQ. FT. (NOTE: 80% OPACITY ACHIEVED WITH 1 SHRUB/ 5 LINEAR FEET. 121 L.F./5 = 25 SHRUBS TOTAL REQUIRED, SEE CATEGORY 2 & 3)

BUFFER ZONE 3(108 L.F.)

108' LENGTH * 6' WIDTH = 648 S.F. BUFFER AREA

CATEGORY 1: 648 S.F./200 S.F. = 3.24 TREES. 4 TREES PROVIDED

CATEGORY 2: DECIDUOUS FLOWERING SHRUB VARIETY 1 = 11 SHRUBS

CATEGORY 3: DECIDOUS/EVERGREEN SHRUB VARIETY 2 = 11 SHRUBS

CATEGORY 4: TURF GRASS — MINIMUM 50% AREA COVERAGE = 324 SQ. FT.

(NOTE: 80% OPACITY ACHIEVED WITH 1 SHRUB/ 5 LINEAR FEET.

108 L.F./5 = 22 SHRUBS TOTAL REQUIRED, SEE CATEGORY 2 & 3)

<u>BUFFER ZONE 4(</u>261 L.F.)

DFFER ZUNE 4(201 L.F.)

261' LENGTH * 6' WIDTH = 1566 S.F. BUFFER AREA

CATEGORY 1: 1566 S.F./200 S.F. = 7.83 TREES. 8 TREES PROVIDED

CATEGORY 2: DECIDUOUS FLOWERING SHRUB VARIETY 1 = 27 SHRUBS

CATEGORY 3: DECIDOUS/EVERGREEN SHRUB VARIETY 2 = 26 SHRUBS

CATEGORY 4: TURF GRASS — MINIMUM 50% AREA COVERAGE = 783 SQ. FT.

(NOTE: 80% OPACITY ACHIEVED WITH 1 SHRUB/ 5 LINEAR FEET.

261 L.F./5 = 53 SHRUBS TOTAL REQUIRED, SEE CATEGORY 2 & 3)

<u>PERCENTAGE TREES IN BUFFER</u> TOTAL TREES IN BUFFER = 19

19 TREES \times 0.3 MED/LARGE TREES = 5.7 TREES (9 LARGE, 7 MEDIUM SHOWN) 19 TREES \times 0.3 ONE SPECIES = 5.7 TREES (MAX OF ANY ONE SPECIES SHOWN IS 5 < 5.7 OKAY)

6. <u>PARKING AREA LANDSCAPING:</u>

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 = 33,396 SQ. FT. / 4,000= 8.3 OR 9 TREES REQUIRED.

B. IN ACCORDANCE WITH SECTION 4.4(F)(5), OF THE 9 TREES REQUIRED ABOVE, A MINIMUM OF 30% SHALL BE MEDIUM SHADE TREES, AND A MINIMUM OF 40% SHALL BE LARGE SHADE TREES.

B.A. 9 TREES x 0.3 MEDIUM TREES = 2.7 (3 SHOWN)

B.B. 9 TREES \times 0.4 LARGE TREES = 3.6 (4 SHOWN) B.C. 9 TREES \times 0.4 ONE SPECIES = 3.6 (MAX OF ANY ONE SPECIES SHOWN IS 2 < 3.6 OK)

PRESERVATION OF EXISTING LANDSCAPING:
 NO PRESERVATION OF EXISTING LANDSCAPING IS PROPOSED. NO SIGNIFICANT TREES EXIST ON SITE. NO CLEARING OF TREES IS PROPOSED.
 LANDSCAPING MAY BE ENHANCED BY THE DEVELOPER AS TIME AND BUDGET ALLOWS,

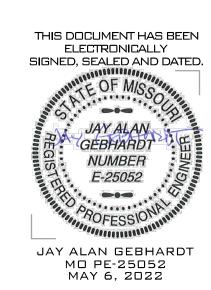
GIVEN THE MINIMUM REQUIREMENTS DESCRIBED ABOVE ARE MET.

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.

SYMBOL	QUANTITY	COMMON NAME	SCIENTIFIC NAME	CONTAINER/SIZE	SPACING	CATAGORY
STREET FRONTAGE						
(R ² /W)	8	KENTUCKY COFFEETREE ESPRESSO	GYMNOCLADUS DIOICA	2" CAL – B&B	15' CENTERS	LARGE DECIDUOUS SHADE TREE — MATURE HEIGHT >45'
O R/W	6	FRONTIER ELM	ULMUS FRONTIER	2" CAL — B&B	15' CENTERS	MEDIUM DECIDUOUS SHADE TREE — MATURE HEIGHT 30'—45'
300c, 7R/W¢	6	SUGAR TYME CRABAPPLE	MALUS SUTYZAM	4' HEIGHT	15' CENTERS	ORNAMENTAL TREE - MATURE HEIGHT < 20'
RIGHT-OF-WAY BUFFERING						
	2	RED MAPLE "SUN VALLEY"	ACER RUBRUM	2" CAL — B&B	15' CENTERS	LARGE DECIDUOUS SHADE TREE — MATURE HEIGHT >45'
	4	KENTUCKY COFFEETREE ESPRESSO	GYMNOCLADUS DIOICA	2" CAL — B&B	15' CENTERS	LARGE DECIDUOUS SHADE TREE — MATURE HEIGHT >45'
	3	EMER II — ALLEE ELM	ULMUS PARVIFOLIA — EMER II	2" CAL — B&B	15' CENTERS	LARGE DECIDUOUS SHADE TREE — MATURE HEIGHT >45'
	4	EUROPEAN HORNBEAM	CARPINUS BETULUS	2" CAL — B&B	15' CENTERS	MEDIUM DECIDUOUS SHADE TREE — MATURE HEIGHT 30'-45'
	3	DURA—HEAT RIVER BIRCH	BETULA NIGRA	2" CAL – B&B	15' CENTERS	MEDIUM DECIDUOUS SHADE TREE — MATURE HEIGHT 30'—45'
	5	OKLAHOMA REDBUD	CERCIS CANADENSIS	2" CAL — B&B	15' CENTERS	ORNAMENTAL TREE - MATURE HEIGHT < 20'
6	58	SPICE BUSH	LINDERA BENZOIN	5 GAL	5' CENTERS	DECIDUOUS FLOWERING SHRUB VARIETY 1
	56	TOR BIRCHLEAF SPIREA	SPIRAEA BETULIFOLIA	5 GAL	5' CENTERS	DECIDUOUS/EVERG REEN SHRUB VARIETY 2
PARKING LOT						
PL	2	RED MAPLE "SUN VALLEY"	ACER RUBRUM	2" CAL — B&B	15' CENTERS	LARGE DECIDUOUS SHADE TREE — MATURE HEIGHT >45'
PL PL	2	EMER II — ALLEE ELM	ULMUS PARVIFOLIA — EMER II	2" CAL — B&B	15' CENTERS	LARGE DECIDUOUS SHADE TREE — MATURE HEIGHT >45'
PL	1	EUROPEAN HORNBEAM	CARPINUS BETULUS	2" CAL — B&B	15' CENTERS	MEDIUM DECIDUOUS SHADE TREE — MATURE HEIGHT 30'—45'
EPL)	2	DURA—HEAT RIVER BIRCH	BETULA NIGRA	2" CAL — B&B	15' CENTERS	MEDIUM DECIDUOUS SHADE TREE — MATURE HEIGHT 30'-45'
PL E	2	OKLAHOMA REDBUD	CERCIS CANADENSIS	4' HEIGHT	15' CENTERS	ORNAMENTAL TREE - MATURE HEIGHT < 20'
NATIVE VEGETATION ESTABLISHMENT						
		WINTERBERRY	LLEX VERTICILLATA	3 GAL	5' CENTERS	
gran,	10	GOLDAN CURRANT	RIBES ODORATUM	3 GAL	5' CENTERS	
(°)	10 (TOTAL)	MAIDEN GRASS	GRACILLIMUS	3 GAL	5' CENTERS	
		VIRGINIA SWEETSPIRE	ITEA VIRGINICA	3 GAL	5' CENTERS	
GROUNDCOVER MIX	265		'HENRY'S GARNET'			
	33%	SNEEZEWEED	HELENIUM AUTUMNALE	1 GAL	24" CENTERS	
	33%	PIXIE MEADOWBRITE CONEFLOWER	ECHINACEA PURPUREA	1 QT	24" CENTERS	
	33%	LITTLE GOLDSTAR	RUDBECKIA FULGIDA	1 GAL.	24" CENTERS	
GROUNDCOVER ALTERNATE	n/a	CONEFLOWER	SULLIVANTII			
		SOFT RUSH	JUNCUS EFFUSUS SOLUTUS	1 GAL	24" CENTERS	
**GROUNDCOVER PLANTING GROUPINGS AND RATIOS ARE MEANT		SWITCHGRASS	PANICUM VIRGATUM	1 QT.	24" CENTERS	
TO BE A GUIDELINE, MINOR ADJUSTMENTS OR INTERCHANGING OF		NEW ENGLAND ASTER	SYMPHYOTRICHUM	1 QT	24" CENTERS	
SPECIES BETWEEN MIXES IS ALLOWED BY LANDSCAPE CONTRACTOR WITH NATIVE PLANTING		EASTERN BLUESTAR	NOVAE – ANGLIAE AMSONIA	1 QT	24" CENTERS	
EXPERIENCE.		PALM SEDGE	TABERNAEMONTANA CAREX	PLUG	18" CENTERS	

LANDSCAPING TABLE





MUSKINGUMENSIS

PALM SEDGE



18" CENTERS

A CIVIL GROUP

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