

NOT FOR CONSTRUCTION

# DOUGLAS STATION APARTMENTS

LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



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REVISED PRELIMINARY SUBMITTAL

Revision Number	Description	Date

08/10/2021 P-21074  
Date Project Number

EN REF  
Drawn By Checked By

21074\_LDSCP\_Prelim Dev.dwg  
File Name

LANDSCAPE PLAN

Lee's Summit Landscape Ordinance Requirements			
Ordinance	Required	Calculation	Provided
<b>8.050 Open Space Requirements</b>	10% Total Land Area	89,525/275,578 = 32%	32%
<b>8.790 Landscape Requirements</b>			
A) Street Frontage	1 Tree/ 30' Frontage	Sycamore: 328/30 = 10 Slone: 595/30 = 19	10 19
	1 Shrub/ 20' Frontage	Sycamore: 328/20 = 16 Slone: 595/20 = 30	16 30
B) Open Yard Areas	2 Shrubs/5,000 SF	(200,813/5,000)*2 = 80	80
	1 Tree/5,000 SF	200,813/5,000 = 40	40
<b>8.820 Parking Lot Screening</b>			
A) 2.5' Tall Perimeter Screen	12 Shrubs/40 LF		
<b>8.900 Required Typical Impact Screens</b>			
C) Low Impact Screen 'B'	1 Shade Tree/1,000 SF	East: 9736/1000 = 10 South: 11,973/1000 = 12	10 12
	1 Ornamental Tree/500 SF	East: 9736/500 = 19 South: 11,973/500 = 24	19 24
	1 Evergreen Tree/500 SF	East: 9736/500 = 19 South: 11,973/500 = 24	19 24
	1 Shrub/500 SF	East: 9736/500 = 19 South: 11,973/500 = 24	19 24

LANDSCAPE SCHEDULE

	<b>STREET FRONTAGE TREES</b> Platanus x acerifolia 'Bloodgood' / Bloodgood London Plane Tree Tilia cordata / Littleleaf Linden	29	3" Cal. B&B 3" Cal. B&B
	<b>OPEN YARD TREES</b> Cercis canadensis 'Alba' / White Eastern Redbud Cornus florida x kousa 'Stellar Pink' / Dogwood	40	15 gal 15 gal
	<b>PARKING LOT TREES</b> Acer truncatum x platanoides 'Warrenred' TM / Pacific Sunset Maple Ulmus x 'Patriot' / Patriot Elm	19	3" Cal. 3" Cal.
	<b>BUFFER ORNAMENTAL TREES</b> Amelanchier x grandiflora 'Autumn Brilliance' / Autumn Brilliance Apple Serviceberry	43	8' HT. B&B, MULTI-STEM
	<b>BUFFER SHADE TREES</b> Acer rubrum 'Autumn Flame' / Autumn Flame Red Maple Quercus bicolor / Swamp White Oak	22	15 gal 15 gal
	<b>BUFFER EVERGREEN TREES</b> Thuja occidentalis 'Degroot's Spire' / Degroot's Spire Arborvitae	43	8' HT. B&B
	<b>STREET FRONTAGE SHRUBS</b> Aronia melanocarpa 'Mortoni' TM / Iroquois Beauty Black Chokeberry	36	#2 Cont.
	<b>OPEN YARD SHRUBS</b> Hydrangea paniculata 'SMHPLQ' TM / Little Quick Fire Panicle Hydrangea Hydrangea quercifolia / Oakleaf Hydrangea	319	#2 Cont. #2 Cont.
	<b>BUFFER SHRUBS</b> Viburnum dentatum 'Blue Muffin' / Blue Muffin Arrowwood Viburnum	44	#1 Cont.
	<b>PARKING LOT SCREENING SHRUBS</b> Juniperus chinensis 'Sea Green' / Sea Green Juniper	75	#1 Cont.
	<b>TURF GRASS SOD</b> Turf Sod / Drought Tolerant Fescue Blend	115,264 sf	bulbs

