



Notes:  
1- See planting soil specifications for additional requirements.

Notes:  
1- For planting areas narrower than 8' reduce the distance between paving and soil fracturing from 2' to 1'.  
2- See planting soil specification for additional requirements.

**MODIFIED EXISTING SOIL - COMPACTED SURFACE SOIL** URBAN TREE FOUNDATION © 2014 OPEN SOURCE FREE TO USE

**MODIFIED EXISTING SOIL - COMPACTED SUB SOIL (FRACTURING)** URBAN TREE FOUNDATION © 2014 OPEN SOURCE FREE TO USE

**TREE STAKING - LODGE POLES (2)** URBAN TREE FOUNDATION © 2014 OPEN SOURCE FREE TO USE

**LANDSCAPING NOTES**

- ALL TRANSFORMERS, A/C UNITS, AND OTHER VISIBLE UTILITIES TO PUBLIC ARE TO BE SCREENED WITH PLANT MATERIAL.
- ALL PLANTING BEDS TO BE MULCH.
- ALL LAWN AREAS TO BE SOD AROUND & WITHIN 15 FEET OF BUILDINGS AND WALKS.
- ALL OTHER DISTURBED AREAS TO BE SEED AND STRAW.
- ALL SEEDED OR SODDED AREAS TO BE IRRIGATED.

**LANDSCAPE PROTECTION TREE NOTE - LOT 1 & 4 CONSTRUCTION**

LOT 1 CONSTRUCTION	WHOLE SITE	EXISTING TREE MASS	TREE MASS REMOVED	TOTAL MASS PRESERVED
LOT 1 EXISTING TREE MASS	0.30 ACRE	9.59 ACRES	4.37 ACRES	5.22 ACRES
LOT 1 TREE MASS REMOVED	0.30 ACRE			
REMAINDER OF SITE TREE MASS REMOVED	0.97 ACRE			
TOTAL TREE REMOVAL FOR LOT 1 CONSTRUCTION	1.27 ACRES			1.92 ACRES

  

LOT 4 CONSTRUCTION	EXISTING TREE MASS	TREE MASS REMOVED	TOTAL MASS PRESERVED
LOT 4 EXISTING TREE MASS	4.24 ACRES	2.54 ACRES	1.70 ACRES
LOT 4 TREE MASS REMOVED		0.56 ACRE	
REMAINDER OF SITE TREE MASS REMOVED			
TOTAL TREE REMOVAL FOR LOT 4 CONSTRUCTION		3.10 ACRES	

PLANT SCHEDULE									
LABEL	QTY	COMMON NAME	BOTANICAL NAME	MATURE HEIGHT (FT)	MATURE SPREAD (FT)	SHADE/SUN	ZONE	FLOWERING	NATIVE REGION
<b>LARGE DECIDUOUS SHADE TREES</b>									
KC	2	KENTUCKY COFFEE TREE	GYMNOCLADUS DIOICUS 'PRAIRIE TITAN' OR 'ESPRESSO'	60-80	40-55	FULL SUN	3-8	YES, MAY-JUNE	CENTRAL & EASTERN U.S.
WO	2	WHITE OAK	QUERCUS ALBA	50-80	50-80	FULL SUN	3-9	NA	EASTERN U.S.
RO	1	NORTHERN RED OAK	QUERCUS RUBRA	50-75	50-75	FULL SUN	4-8	NA	EASTERN U.S.
SG	2	HAPPIDAZE SWEETGUM	LIQUIDAMBAR STYRACIFLUA 'HAPDELL' (FRUITLESS)	60-80	40-60	FULL SUN	5-9	NA	CENTRAL & EASTERN U.S.
<b>MEDIUM DECIDUOUS SHADE TREES</b>									
RM	4	RED SUNSET RED MAPLE	ACER RUBRUM 'RED SUNSET'	40-50	30-40	FULL SUN-PART SHADE	3-9	YES, MARCH	CENTRAL & EASTERN U.S.
HB	3	HERITAGE RIVER BIRCH	BETULA NIGRA 'HERITAGE'	40-70	40-60	FULL SUN-PART SHADE	4-9	NA	CENTRAL & EASTERN U.S.
YW	4	YELLOWWOOD	CLADRASTIS KENTUCKEA	30-50	40-55	FULL SUN	4-8	YES, MAY	CENTRAL & EASTERN U.S.
HL	3	SUNBURST HONEY LOCUST	GLEDITSIA TRIACANTHOS VAR. INERMIS 'SUNCOLE'	35-45	30-40	FULL SUN-PART SHADE	4-9	YES, APRIL-JUNE	U.S.
<b>ORNAMENTAL DECIDUOUS SHADE TREES</b>									
CA	3	ADIRONDACK CRABAPPLE	MALUS 'ADIRONDACK'	12-15	5-6	FULL SUN	4-8	YES, APRIL	U.S.
FT	3	FRINGE TREE	CHIONANTHUS VIRGINICUS	12-20	12-20	FULL SUN-PART SHADE	3-9	YES, MAY-JUNE	CENTRAL & EASTERN U.S.
<b>CONIFERS OR EVERGREEN TREES</b>									
HC	3	HILLSPIRE RED CEDAR	JUNIPERUS VIRGINIANA 'HILLSPIRE'	15-30	5-15	FULL SUN	2-9	NA	CENTRAL & EASTERN U.S.
GG	2	GREEN GIANT ARBORVITAE	THUJA 'GREEN GIANT'	40-60	12-18	FULL SUN-PART SHADE	5-8	NA	CENTRAL & EASTERN U.S.
AA	12	SMARAGD AMERICAN ARBORVITAE	THUJA OCCIDENTALIS 'SMARAGD'	12-14	3-4	FULL SUN-PART SHADE	2-7	NA	CENTRAL & NORTHEASTERN U.S.
<b>DECIDUOUS SHRUBS</b>									
KO	38	KNOCK OUT ROSE	ROSA 'RADRAZZ' KNOCK OUT	3-4	3-4	FULL SUN-PART SHADE	5-9	YES, JUNE-SEPTEMBER	U.S.
NJ	28	NEW JERSEY TEA	CEANOTHUS AMERICANUS	3-4	3-5	FULL SUN-PART SHADE	4-8	YES, MAY-JULY	CENTRAL & EASTERN U.S.
HE	38	MUNCHKIN HYDRANGEA	HYDRANGEA QUERCIFOLIA 'MUNCHKIN'	3-4	3-4	PART SHADE	5-9	YES, JUNE-SEPTEMBER	CENTRAL & SOUTHEASTERN U.S.
<b>EVERGREEN SHRUBS</b>									
GB	70	INKBERRY HOLLY	ILEX GLABRA 'GEM BOX'	2-3	2-3	FULL SUN-PART SHADE	5-9	NA	U.S.
<b>ORNAMENTAL GRASSES</b>									
BF	93	BLUE FESCUE	FESTUCA GLAUCA 'ELIJAH BLUE'	0.75-1	0.5-0.75	FULL SUN	4-8	YES, JUNE-JULY	EUROPE

SENIOR COMMUNITY PARKING FACILITIES (CODE 400.162.E.3.d)				
LOCATION	PARKING STALLS	REQUIRED TREES PER PARKING SPACE	REQUIRED TREES	PROVIDED TREES
LOT 1	95	2 TREES/3 SPACES	64	64
LOT 3	63	2 TREES/3 SPACES	42	43
LOT 4	64	2 TREES/3 SPACES	43	43

STREET FRONTAGE TREES (CODE 402.080 & 402.090)				
STREET FRONTAGE	LENGTH (FT)	REQUIRED TREE PER LENGTH	REQUIRED TREES	PROVIDED TREES
C2 ZONED PORTION ALONG TOM GINNEVER AVE	506	1:40 FT	13	14
R4 ZONED PORTION ALONG TOM GINNEVER AVE	268	1:50 FT	5	6
R4 ZONED PORTION ALONG TR HUGHES BLVD	256	1:50 FT	5	5
C2 ZONED PORTION ALONG TR HUGHES BLVD	190	1:40 FT	5	5
R4 ZONED PORTION ALONG MEADOWLAND ESTATES LN	334	1:50 FT	7	8
C2 ZONED PORTION ALONG MEADOWLAND ESTATES LN	479	1:40 FT	12	13

PARKING LOT LANDSCAPING (CODE 402.170.B.2.a)					
LOCATION	PARKING STALLS	PARKING LOT INTERIOR	REQUIRED 6% INTERIOR LANDSCAPING (SF)	PROVIDED INTERIOR LANDSCAPING (SF)	PROVIDED INTERIOR LANDSCAPING (SF)
LOT 4 PARKING LOT	64	270 SF/STALL	17,280	1,037	2,638

BUFFER YARD LANDSCAPING (CODE 400.162.E.4.b)							
LOCATION	LENGTH (FT)	REQUIRED PLANNING UNIT PER LENGTH	REQUIRED PLANTING UNITS	PROVIDED DECIDUOUS TREES	PROVIDED EVERGREEN TREES	PROVIDED DECIDUOUS ORNAMENTAL TREES	PROVIDED SHRUBS
SENIOR COMMUNITY ADJACENT TO I1 PROPERTY	327	5:100 FT	16.4	95' WIDE SWATH OF DENSE EXISTING TREE MASS TO REMAIN ALONG BUFFERYARD			
SENIOR COMMUNITY ADJACENT TO R1 PROPERTY	720	2.5:100 FT	18	15, 150 POINTS	39, 390 POINTS	2, 10 POINTS	15, 15 POINTS
							565
							18.8

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**MEADOWOOD ESTATES II, LP**  
**MEADOWOOD ESTATES - PHASE II**  
LOT 4 - MEADOWOOD ESTATES SUBDIVISION  
O'FALLON, ST. CHARLES COUNTY, MISSOURI

4/29/2022  
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