

Plant List						
QTY	KEY	COMMON NAME	BOTANICAL NAME	SIZE	COND.	NOTES
<b>CANOPY TREES</b>						
27	APA	AUTUMN PURPLE ASH	Fraxinus Americana 'Autumn Purple'	3" cal.	B&B	STRONG CENTRAL LEADER
4	BAC	BALDCYPRESS	Taxodium distichum	3" cal.	B&B	STRONG CENTRAL LEADER
5	BLG	BLACK GUM	Nyssa sylvatica	3" cal.	B&B	STRONG CENTRAL LEADER
4	CUC	CUCUMBER TREE	Magnolia acuminata	3" cal.	B&B	STRONG CENTRAL LEADER
34	FRM	FRANKSRED RED MAPLE	Acer Rubrum 'Franker'	3" cal.	B&B	STRONG CENTRAL LEADER
3	GN	MAIDENHAIR TREE	Ginkgo Biloba	3" cal.	B&B	STRONG CENTRAL LEADER
10	RWB	RIVER BIRCH	Betula Nigra	3" cal.	B&B	STRONG CENTRAL LEADER
2	WL	WEeping WILLOW	Salix alba 'Tristis'	3" cal.	B&B	STRONG CENTRAL LEADER
4	WLO	WILLOW OAK	Quercus Phellos	3" cal.	B&B	STRONG CENTRAL LEADER
<b>EVERGREEN TREES</b>						
42	AMA	AMERICAN ARBORVITAE	Thuja occidentalis 'Degroot's Spire'	7' HT.	B&B	STRONG CENTRAL LEADER
15	AMH	AMERICAN HOLLY	Ilex Americana	8' HT.	B&B	STRONG CENTRAL LEADER
3	BHM	BRACKENS BROWN BEAUTY SOUTHERN MAGNOLIA	Magnolia Grandiflora 'Bracken's Brown Beauty'	10' HT.	B&B	STRONG CENTRAL LEADER
13	COS	COLORADO GREEN SPRUCE	Picea Pungens	8-10' HT.	B&B	STRONG CENTRAL LEADER
9	SBS	SERBIAN SPRUCE	Picea Omorika	8-10' HT.	B&B	STRONG CENTRAL LEADER
8	WTP	WHITE PINE	Pinus Strobus	15' HT.	B&B	STRONG CENTRAL LEADER
<b>FLOWERING TREES</b>						
5	AMM	AMUR MAPLE	Acer Ginnala	2 1/2" cal.	B&B	STRONG CENTRAL LEADER
11	FDW	FLOWERING DOGWOOD	Cornus Florida	2" cal.	B&B	
10	JFC	JAPANESE FLOWERING CHERRY	Prunus 'Kwanzan'	2" cal.	B&B	
3	JPM	JAPANESE MAPLE	Acer Palmatum	2 1/2" cal.	B&B	
14	PBM	PAPERBARK MAPLE	Acer Griseum	2 1/2" cal.	B&B	STRONG CENTRAL LEADER
20	PF	PRAIRIE CRABAPPLE	Malus 'Prairifire'	2" cal.	B&B	
6	PRC	WEeping HIGAN CHERRY	Prunus Pendula 'Pendula Rosea'	2" cal.	B&B	
13	PSC	PINK SPIRES CRABAPPLE	Malus 'Pink Spires'	2" cal.	B&B	
11	REB	EASTERN REDBUD	Cercis Canadensis	2" cal.	B&B	MULTI-STEM
7	SAM	SAUCER MAGNOLIA	Magnolia X Soulangiana	2 1/2" cal.	B&B	
10	SBM	SERVICEBERRY MULTISTEM	Amelanchier Canadensis 'Multistem'	10' HT.	B&B	MULTI-STEM
12	SBY	SERVICEBERRY MULTISTEM	Amelanchier Canadensis 'Multistem'	8-10' HT.	B&B	MULTI-STEM
9	SFC	HIGAN CHERRY	Prunus 'Snow Fountains'	2" cal.	B&B	
11	SSF	SEVEN-SON FLOWER	Heptacodium Miconioides	2" cal.	B&B	
6	SWM	SWEETBAY MAGNOLIA	Magnolia Virginiana	2 1/2" cal.	B&B	
11	WH	WITCH HAZEL	Hamamelis Virginiana	5' HT.	B&B	
<b>SMALL SHRUBS (1" - 3')</b>						
13	DFO	DWARF FORSYTHIA	Forsythia x intermedia	5 GAL.	CONT.	
90	GLS	GRO-LOW SUMAC	Rhus aromatica 'Gro-Low'	5 GAL.	CONT.	FULL PLANT
35	LBB	LOW BUSH BLUEBERRY	Vaccinium pallidum	5 GAL.	CONT.	FULL PLANT
163	LHS	LITTLE HENRY SWEETSPICE	Itea virginica 'Sprich'	5 GAL.	CONT.	
137	LPS	LITTLE PRINCESS SPIREA	Spiraea japonica 'Little Princess'	5 GAL.	CONT.	
140	MW	MINUET WEIGELA	Weigela florida 'Minuet'	5 GAL.	CONT.	
47	MWW	MIDNIGHT WINE WEIGELA	Weigela florida 'Eterna'	5 GAL.	CONT.	
115	NMS	NORMAN SPIREA	Spiraea japonica 'Norman'	5 GAL.	CONT.	
67	PHW	OAKLEAF HYDRANGEA	Hydrangea quercifolia 'Pee Wee'	5 GAL.	CONT.	
150	RKC	ROCK COTONEASTER	Cotoneaster horizontalis	5 GAL.	CONT.	FULL PLANT
62	ROS	KNOCK OUT ROSE	Rosa 'Knockout'	5 GAL.	CONT.	
155	SMS	SNOWMOUND SPIREA	Spiraea nipponica 'Snowmound'	5 GAL.	CONT.	
<b>MEDIUM SHRUBS (3" - 6')</b>						
27	BCB	BLACK CHOKEBERRY	Aronia melanocarpa	24-36"	B&B	
20	BJB	BLACK JETBEAD	Rhodotypos scandens	24-36"	B&B	
13	BWV	BURKWOOD VIBURNUM	Viburnum x 'Burkwood'	24-36"	B&B	
348	DBB	DWARF WINGED BURNING BUSH	Euonymus alatus 'Compactus'	24-36"	B&B	
15	ESH	ENDLESS SUMMER HYDRANGEA	Hydrangea macrophylla	24-36"	B&B	
95	FBS	FROEBELI SPIREA	Spiraea japonica 'Froebeli'	24-36"	B&B	
39	FIT	FIRETHORN	Pyracantha coccinea	24-36"	B&B	
173	FOT	MT. AIRY FOTHERGILLA	Fothergilla x 'Mount Airy'	24-36"	B&B	
14	HSH	HILLS OF SNOW HYDRANGEA	Hydrangea arborescens f. grandiflora	24-36"	B&B	
60	KSV	KOREAN SPICE VIBURNUM	Viburnum coccineum	24-36"	B&B	
49	LLB	LILAC BUSH	Syringa vulgaris	24-36"	B&B	
29	MLV	MAPLELEAF VIBURNUM	Viburnum acerifolium	24-36"	B&B	
42	NBH	NIKKO BLUE HYDRANGEA	Hydrangea macrophylla 'Nikko Blue'	24-36"	B&B	
14	NIN	NINEBARK	Physocarpus opulifolius	24-36"	B&B	
18	NJT	NEW JERSEY TEA	Ceanothus americanus	24-36"	B&B	
33	SHV	SHASTA VIBURNUM	Viburnum plicatum f. tomentosum 'Shasta'	24-36"	B&B	
26	VW	VICTORIA WEIGELA	Weigela florida 'Victoria'	24-36"	B&B	
15	VHS	VANHOUTTE SPIREA	Spiraea x vanhouttei	24-36"	B&B	
15	VS	VIRGINIA SWEETSPICE	Itea virginica	24-36"	B&B	
<b>LARGE SHRUBS (6" - 12')</b>						
8	AGV	LANTANAPHYLLUM VIBURNUM	Viburnum x rhytidophyloides 'Alleghany'	42-48"	B&B	
30	AWV	ARROWWOOD VIBURNUM	Viburnum dentatum	42-48"	B&B	
11	BAY	BAYBERRY	Myrica pensylvanica	42-48"	B&B	
9	BHV	BLACKHAW VIBURNUM	Viburnum prunifolium	42-48"	B&B	
7	STM	STAR MAGNOLIA	MAGNOLIA STELLATA	4'	B&B	
<b>EVERGREENS</b>						
38	ARJ	ARMSTRONGI JUNIPER	Juniperus x pfitzeriana 'Armstrongi'	18-24"	CONT.	
34	AZA	AZALEA	Azalea 'Orchid Lights'	18-24"	CONT.	
13	BPH	BLUE HOLLY	Ilex x meserveae 'Blue Princess'	18-24"	CONT.	
51	DFY	YEW	Taxus x media 'Danielformis'	18-24"	CONT.	
39	GGB	BOXWOOD	Buxus 'Green Gem'	18-24"	CONT.	
45	GVB	BOXWOOD	Buxus 'Green Velvet'	18-24"	CONT.	
101	HOL	HOLGER JUNIPER	Juniperus squamata 'Holger'	18-24"	CONT.	
33	IBH	INKBERRY HOLLY 'SHAMROCK'	Ilex glabra	18-24"	CONT.	
16	PJM	RHODODENDRON	Rhododendron PJM Group	18-24"	CONT.	
31	WN	WINTERBERRY	Ilex verticillata	18-24"	CONT.	
<b>GRASSES/GROUNDCOVERS/PERENNIALS</b>						
11	MM	MORNING LIGHT MISCANTHUS	Miscanthus sinensis 'Morning Light'	5 GAL.	CONT.	
16	PVH	HAMELIN DWARF FOUNTAIN GRASS	Panicum virgatum 'Hamelin'	5 GAL.	CONT.	
9270	ANN	FLOWER BED		12" O.C.		

CITY OF O'FALLON, MISSOURI  
- LANDSCAPE REGULATIONS

PLANTING REQUIREMENTS WITHIN COMMERCIAL DISTRICT (C-O)  
AS STATED, 1 TREE EVERY 40' IS TO BE PLANTED ON STREET FRONTAGE, PUBLIC OR PRIVATE. OPEN SPACE REQUIRES THAT 1 TREE EVERY 3,000 SQUARE FEET BE PLANTED ON THE SITE.

NUMBERS: OPEN SPACE  
81,800 SQ FT - AREA WITHIN THE NORTH, SOUTH AND MAIN DRIVE AND AROUND THE BUILDING  
46,000 SQ FT - AREA AROUND THE LAKE ABOVE THE NORTH DRIVE  
3,000 SQ FT - AREA THAT ONE TREE IS REQUIRED TO FILL

CALCULATIONS:  
81,800 / 3,000 = 27.27  
46,000 / 3,000 = 15.33

OUTCOME:  
81 NEW TREES ARE REQUIRED TO LINE THE STREET FRONTAGE OF THE NORTH, SOUTH AND MAIN DRIVE ON SITE.  
8 OLD TREES THAT ALREADY ARE ON THE PROPERTY RUN PARALLEL TO THE MAIN DRIVE.  
20 TREES ARE REQUIRED TO FILL THE OPEN SPACE WITHIN THE INTERIOR OF THE NORTH, SOUTH AND MAIN DRIVES.  
16 TREES ARE REQUIRED TO FILL THE OPEN SPACE SURROUNDING THE LAKE.  
44 TOTAL OPEN SPACE TREES

\* IT SHOULD BE NOTED THAT PLANTING WHICH IS REQUIRED FOR OPEN SPACE MAY BE INCLUDED THROUGH THE 81 STREET FRONTAGE TREES.

PLANTING REQUIREMENTS WITHIN PARKING AND VEHICULAR USE AREAS  
AS STATED, NO LESS THAN 6% OF INTERIOR PARKING LOT IS TO BE LANDSCAPED. CALCULATIONS FOLLOW BY MULTIPLYING THE NUMBER OF PARKING SPACES BY 270 SQUARE FEET.

NUMBERS:  
206 - PARKING SPACES  
270 - SQUARE FOOTAGE PER PARKING SPACE  
26 - PERCENTAGE OF NECESSARY LANDSCAPE NEEDED

CALCULATIONS:  
206 x 270 = 55,620 SQ FT x 26% = 3,331 SQ FT

OUTCOME:  
3,331 SQ FT OF THE PARKING LOT IS REQUIRED TO BE LANDSCAPED, WITH THE 18 INDIVIDUAL ISLANDS THROUGHOUT THE PARKING LOT ALONE, APPROXIMATELY 4,600 SQUARE FEET IS PROVIDED TO MEET THIS REQUIREMENT. THIS DOES NOT INCLUDE EITHER OF THE LARGE ISLANDS THAT CREATE THE 28 PARKING SPACES AT THE ENTRANCE TO THE ASSISTED-LIVING COMPLEX.

\* IT SHOULD BE NOTED THAT PLANTING WHICH IS REQUIRED ALONG THE PERIMETER OF A PARKING LOT SHALL NOT BE CONSIDERED AS PART OF THE INTERIOR LANDSCAPING REQUIREMENT

DETERMINATION OF A REQUIRED BUFFERYARD

AS STATED, FOR COMMERCIAL ZONING DISTRICTS WHICH ADJUT RESIDENTIALLY ZONED PROPERTY, THE FOLLOWING BUFFERYARD OPTION SHALL BE AVAILABLE:

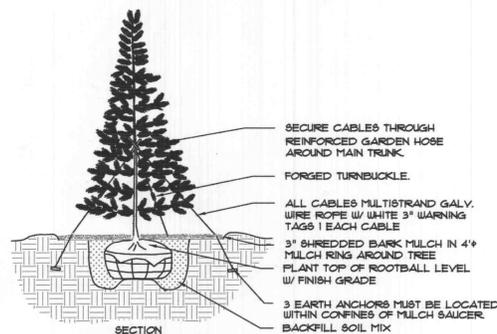
\*FOR EVERY ONE HUNDRED (100) FEET OF FRONTAGE WHERE THE BUFFERYARD IS REQUIRED:  
-A TOTAL OF TWO (2) PLANT UNITS AND A SIGHTSCREEN SIX (6) FOOT HIGH WHITE VINYL FENCE SHALL BE PROVIDED WITHIN A MINIMUM TWENTY (20) FOOT WIDE BUFFERYARD.

\*DEFINITION OF A PLANT UNIT  
-A PLANT UNIT SHALL CONSIST OF A COMBINATION OF LANDSCAPE MATERIALS THAT EQUAL THIRTY (30) POINTS WHERE DECIDUOUS CANOPY TREES MEASURING TWO (2) TO TWO AND ONE-HALF (2.5) INCH CALIPER EQUAL TEN (10) POINTS, EVERGREEN TREES MEASURING SIX (6) TO EIGHT (8) FEET TALL EQUAL TEN (10) POINTS EACH, ORNAMENTAL DECIDUOUS TREES MEASURING ONE AND ONE-HALF (1.5) TO TWO (2) INCH CALIPER EQUAL FIVE (5) POINTS EACH, AND SHRUBS MEASURING EIGHTEEN (18) TO TWENTY-FOUR (24) INCHES TALL OR THREE (3) TO FOUR (4) FEET WIDE EQUAL ONE (1) POINT EACH. ALL SIZES SPECIFIED ARE AT THE TIME OF PLANTING WHILE A MIXTURE OF A COMBINATION OF TYPES OF MATERIALS IS STRONGLY ENCOURAGED.

OUTCOME:  
\*IN THIS CASE, NO CONSTRUCTED BUFFERYARD OR ADDITION IS NEEDED FOR THE GARDEN VILLAGES OF O'FALLON BECAUSE THE EXISTING DELMAR GARDENS OF O'FALLON FACILITY, LOCATED TO THE EAST OF THE MAIN DRIVE, HAS A BUFFERYARD THAT MEETS THE REQUIREMENTS NEEDED THROUGH THE TWENTY-FIVE (25) FOOT BUFFERSTRIP THAT RUNS ALONG THE SOUTH SIDE OF THE BUILDING WITH A SIX (6) FOOT HIGH WHITE VINYL FENCE.

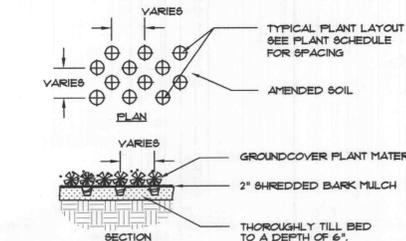
NOTES:

- CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES. PLANT QUANTITIES ON PLANS PREVAIL OVER THOSE LISTED IN PLANT LIST.
- CONTRACTOR SHALL VERIFY SITE CONDITIONS, INCLUDING UNDERGROUND UTILITIES PRIOR TO START OF WORK. REPORT TO OWNER'S REPRESENTATIVE ANY CONDITION THAT MAY AFFECT CONTRACT. CONTRACTOR SHALL REPAIR ANY DAMAGE TO SITE ELEMENTS DUE TO CONTRACTOR'S ACTIVITY AT NO EXTRA COST TO OWNER.
- CONTRACTOR SHALL COORDINATE SCHEDULE AND INSTALLATION OF LANDSCAPING WITH THE OWNER'S REPRESENTATIVE.
- MULCH ENTIRE SHRUB PLANTING AREAS WITH 3" DEPTH OF SHREDDED BARK MULCH. ALL SHRUBS BEDS IN LAWN AREAS TO HAVE SPADE CUT EDGE. PROVIDE 4" DIA. MULCH RING AROUND ALL NEW TREES WITH MIN. 3" DEPTH OF SHREDDED BARK MULCH. GROUND COVER BEDS TO RECEIVE MIN. 2" DEPTH OF SHREDDED BARK MULCH.
- FORMAL LINES AND GROUPINGS OF A SPECIES OF TREE SHALL BE MATCHED FOR SIZE AND FORM.
- CONTRACTOR SHALL COORDINATE SCHEDULE AND STAKING/LOCATION OF BED EDGES WITH IRRIGATION CONTRACTOR.
- ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED.
- ALL SEEDED AREAS ON SLOPES OF 3:1 OR GREATER SHALL HAVE EROSION CONTROL BLANKETS AS SPECIFIED.
- SEE CIVIL AND ARCH. DUGS FOR EXISTING AND PROPOSED CONDITIONS.
- SEE SPECIFICATIONS FOR ADDITIONAL NOTES AND REQUIREMENTS.
- SEE PLANTING SOIL SPECIFICATIONS-SECTION 02301-FOR SOIL DEPTH AND QUALITY REQUIREMENTS IN LAWN AND PLANTING AREAS.
- BY SUBMITTING A BID ON THESE PLANS, THE CONTRACTOR IS TAKING RESPONSIBILITY FOR ATTAINING THE PLANTS AS SPECIFIED IN THE PLANTLIST OR ON THE PLANS. ANY REQUEST FOR SUBSTITUTIONS SHOULD BE SUBMITTED FOR APPROVAL 1 MONTH AFTER AWARD OF CONTRACT. NO SUBSTITUTIONS WILL BE INTERAINED AT TIME OF PLANTING. CONTRACTOR MUST SUBMIT A SIGNED DOCUMENT STATING THAT HE HAS OBTAINED SOURCES FOR THE PLANTS AT THAT TIME.



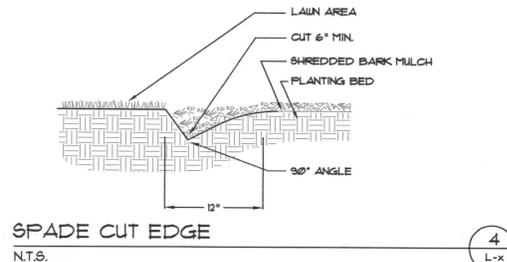
NOTES:  
1. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING.  
2. DO NOT DISTURB ROOT BALL WHEN PLANTING OR STAKING.  
3. WATER THOROUGHLY FOLLOWING PLANTING.

EVERGREEN TREE  
N.T.S. (1) L-x

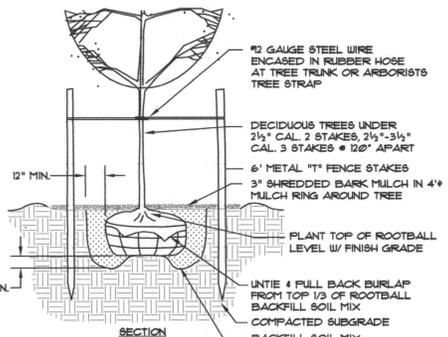
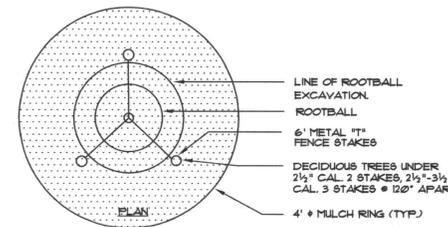


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GROUNDCOVER, ANNUAL, & PERENNIAL PLANTING  
N.T.S. (2) L-x

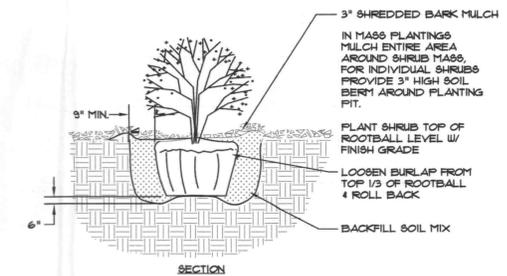


SPADE CUT EDGE  
N.T.S. (4) L-x



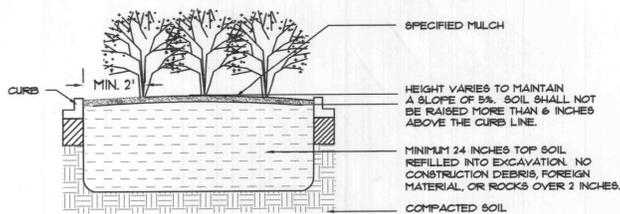
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TREE PLANTING & STAKING  
N.T.S. (5) L-x

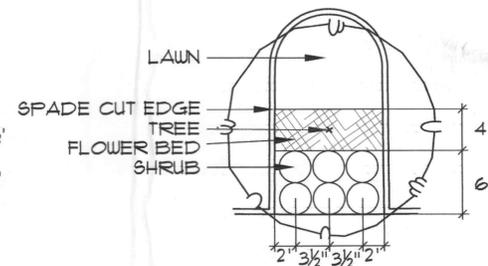
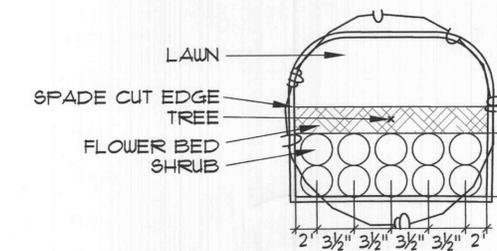


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SHRUB PLANTING  
N.T.S. (6) L-x



PARKING LOT PLANTING ISLAND  
N.T.S. (3) L-x



TYPICAL ISLAND PLANTING LAYOUT

SCALE: 1/8" = 1'-0"

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GARDEN VILLAGES OF O'FALLON  
LUXURY RETIREMENT COMMUNITY  
CITY OF O'FALLON  
MISSOURI



DESIGN BY: APT  
CHECKED BY: APT  
ATA PROJ. # 20629  
ATA ADD. FILE # 20629W1  
DATE: 5-7-07  
REVISION: 5-29-07  
REVISION: 6-12-07  
REVISION: 6-29-07

SHEET NAME:  
Landscape Plan  
Planting Details