



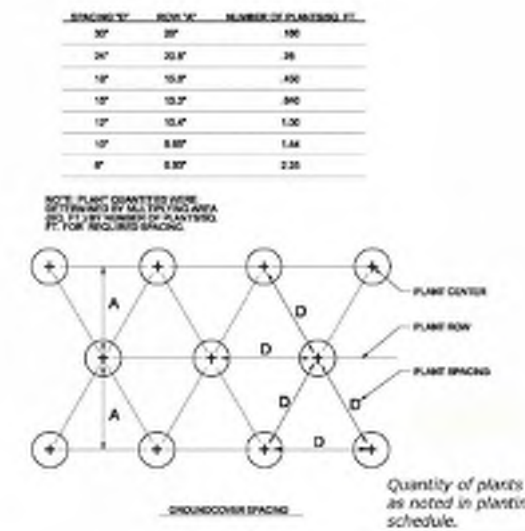
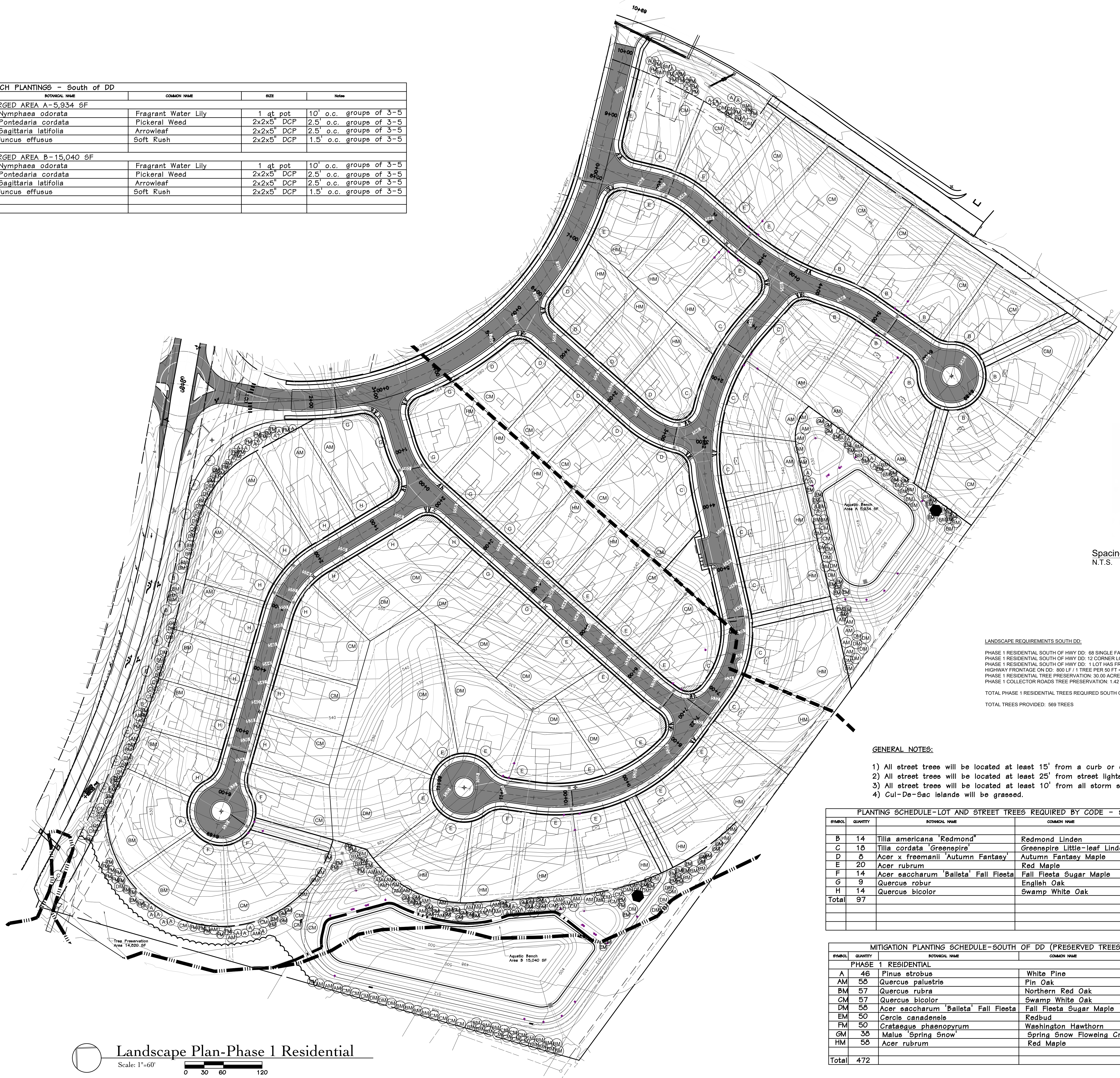
Douglas A. DeLong, Landscape Architect LA-81

Consultants:

The Streets of Caledonia Phase 1 Residential - South

O'Fallon, Mo.

AQUATIC BENCH PLANTINGS - South of DD				
SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE
SUBMERGED AREA A-5,934 SF				
15		Nymphaea odorata	Fragrant Water Lily	1 qt. pot
237		Pontedaria cordata	Pickeral Weed	2x2x5' DCP
237		Sagittaria latifolia	Arrowleaf	2x2x5' DCP
667		Juncus effusus	Soft Rush	2x2x5' DCP
SUBMERGED AREA B-15,040 SF				
37		Nymphaea odorata	Fragrant Water Lily	1 qt. pot
600		Pontedaria cordata	Pickeral Weed	2x2x5' DCP
600		Sagittaria latifolia	Arrowleaf	2x2x5' DCP
1,692		Juncus effusus	Soft Rush	2x2x5' DCP



Spacing Diagram
N.T.S.

LANDSCAPE REQUIREMENTS SOUTH DD:

PHASE 1 RESIDENTIAL SOUTH OF HWY DD: 68 SINGLE FAMILY LOTS - 1 TREE PER LOT = 68 TREES
PHASE 1 RESIDENTIAL SOUTH OF HWY DD: 12 CORNER LOTS X 1 TREE PER LOT = 12 TREES
PHASE 1 RESIDENTIAL SOUTH OF HWY DD: 1 LOT HAS FRONTAGE ON ADDITIONAL STREET = 1 TREE
HIGHWAY FRONTAGE ON DD: 800 LF / 1 TREE PER 50 FT = 16 TREES
PHASE 1 RESIDENTIAL TREE PRESERVATION: 30.00 ACRES X 15 TREES / ACRE = 450 TREES
PHASE 1 COLLECTOR ROADS TREE PRESERVATION: 1.42 ACRES X 15 TREES / ACRE = 22 TREES

TOTAL PHASE 1 RESIDENTIAL TREES REQUIRED SOUTH OF DD = 569 TREES
TOTAL TREES PROVIDED: 569 TREES

GENERAL NOTES:

- All street trees will be located at least 15' from a curb or edge of sidewalk which ever is greater.
- All street trees will be located at least 25' from street lights, traffic control or street signs.
- All street trees will be located at least 10' from all storm sewer structures.
- Cul-De-Sac islands will be grassed.

PLANTING SCHEDULE - LOT AND STREET TREES REQUIRED BY CODE - South of DD - 68 LOTS					
SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	MAJORITY HEIGHT
B	14	Tilia americana 'Redmond'	Redmond Linden	2"	45'+
C	18	Tilia cordata 'Greenspire'	Greenspire Little-leaf Linden	2"	45'+
D	8	Acer x freemanii 'Autumn Fantasy'	Autumn Fantasy Maple	2"	45'+
E	20	Acer rubrum	Red Maple	2"	45'+
F	14	Acer saccharum 'Baileya' Fall Fiesta	Fall Fiesta Sugar Maple	2"	45'+
G	9	Quercus robur	English Oak	2"	45'+
H	14	Quercus bicolor	Swamp White Oak	2"	45'+
Total	97				

MITIGATION PLANTING SCHEDULE - SOUTH OF DD (PRESERVED TREES) - 68 LOTS					
SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	MAJORITY HEIGHT
A	46	Pinus strobus	White Pine	6-8'	30-40'
AM	56	Quercus palustris	Pin Oak	2"	45'+
BM	57	Quercus rubra	Northern Red Oak	2"	45'+
CM	57	Quercus bicolor	Swamp White Oak	2"	45'+
DM	56	Acer saccharum 'Baileya' Fall Fiesta	Fall Fiesta Sugar Maple	2"	45'+
EM	50	Cercis canadensis	Redbud	4'	20'
FM	50	Crataegus phaenopyrum	Washington Hawthorn	4'	20'
GM	36	Malus 'Spring Snow'	Spring Snow Flowering Crab	4'	25'+
HM	56	Acer rubrum	Red Maple	2"	45'+
Total	472				

Revisions:

Date	Description	No.
4/23/20	City Comments	1
7/6/20	Site Revisions	2

Drawn: BD
Checked: DD

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Missouri State Certificate of Authority: 00033001-05

Sheet Title: Phase 1
Landscape Plan

Sheet No: L-1

Date: 03/13/2020
Job #: 177.004