

LOUISVILLE ARBORETUM

LOUISVILLE COLORADO

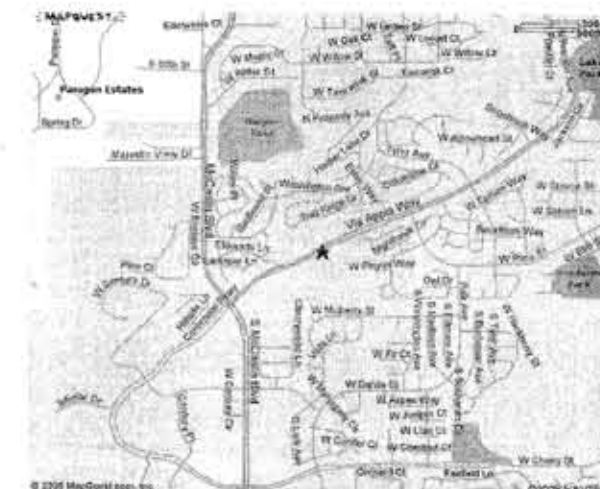
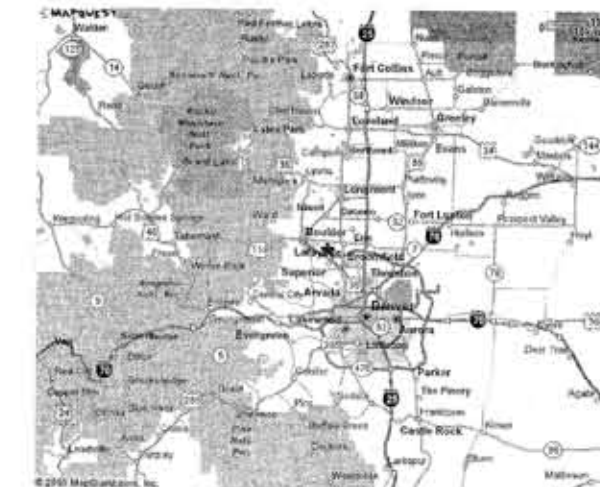
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- SHEET 6: LAYOUT PLAN
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DRAWN BY: COURTNEY LOCKWOOD

VICINITY MAP

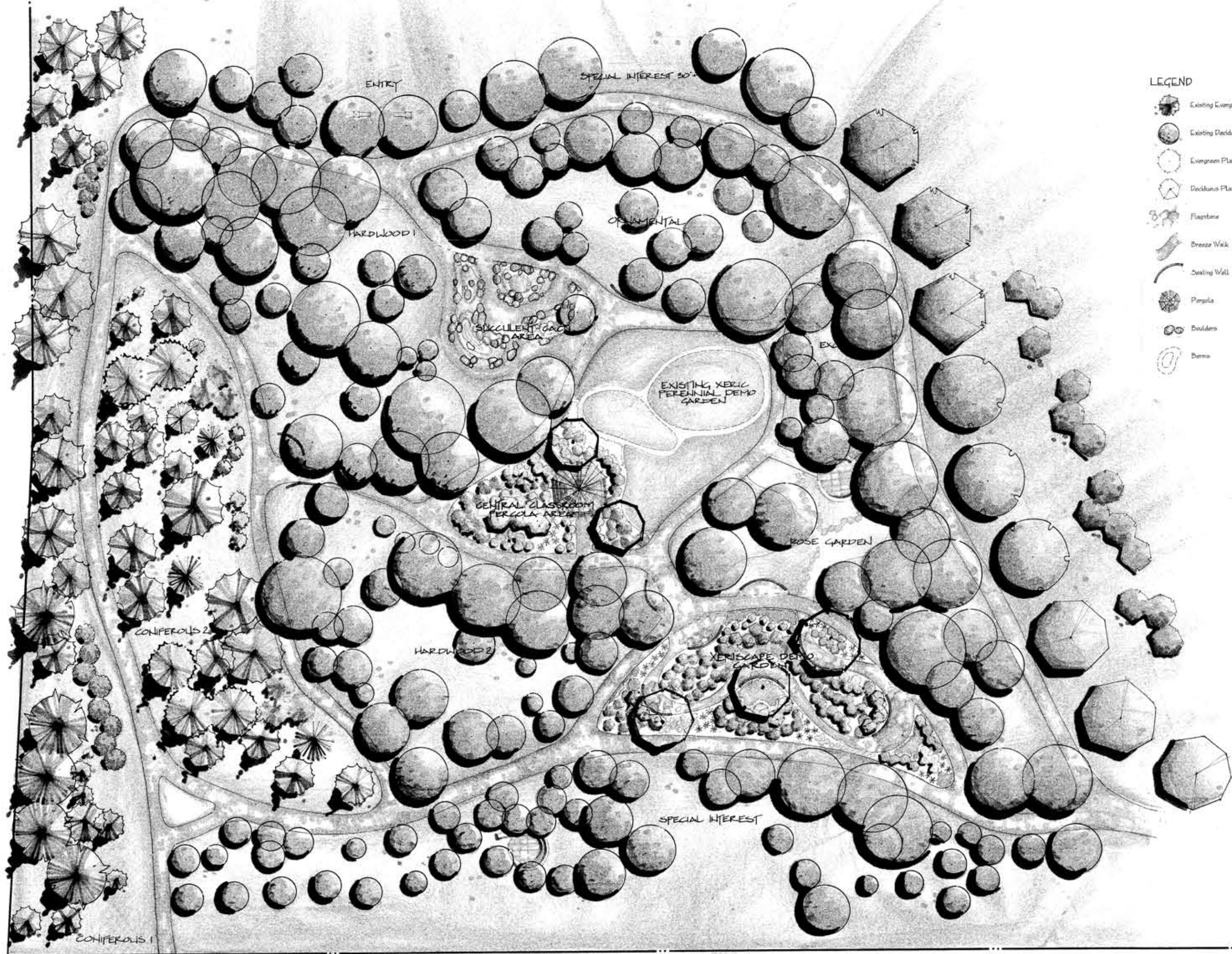


*"THE ARBORETUM IS A LIVING, OUTDOOR CLASSROOM APPROPRIATE FOR RESEARCH, TEACHING,
LEARNING, RECREATION AND PUBLIC USE."*

*"TO MODEL PRACTICES OF SUSTAINABLE LAND USE THROUGH THE CONSERVATION OF BOTH PLANT
SPECIES AND NATURAL RESOURCES."*

COVER PAGE

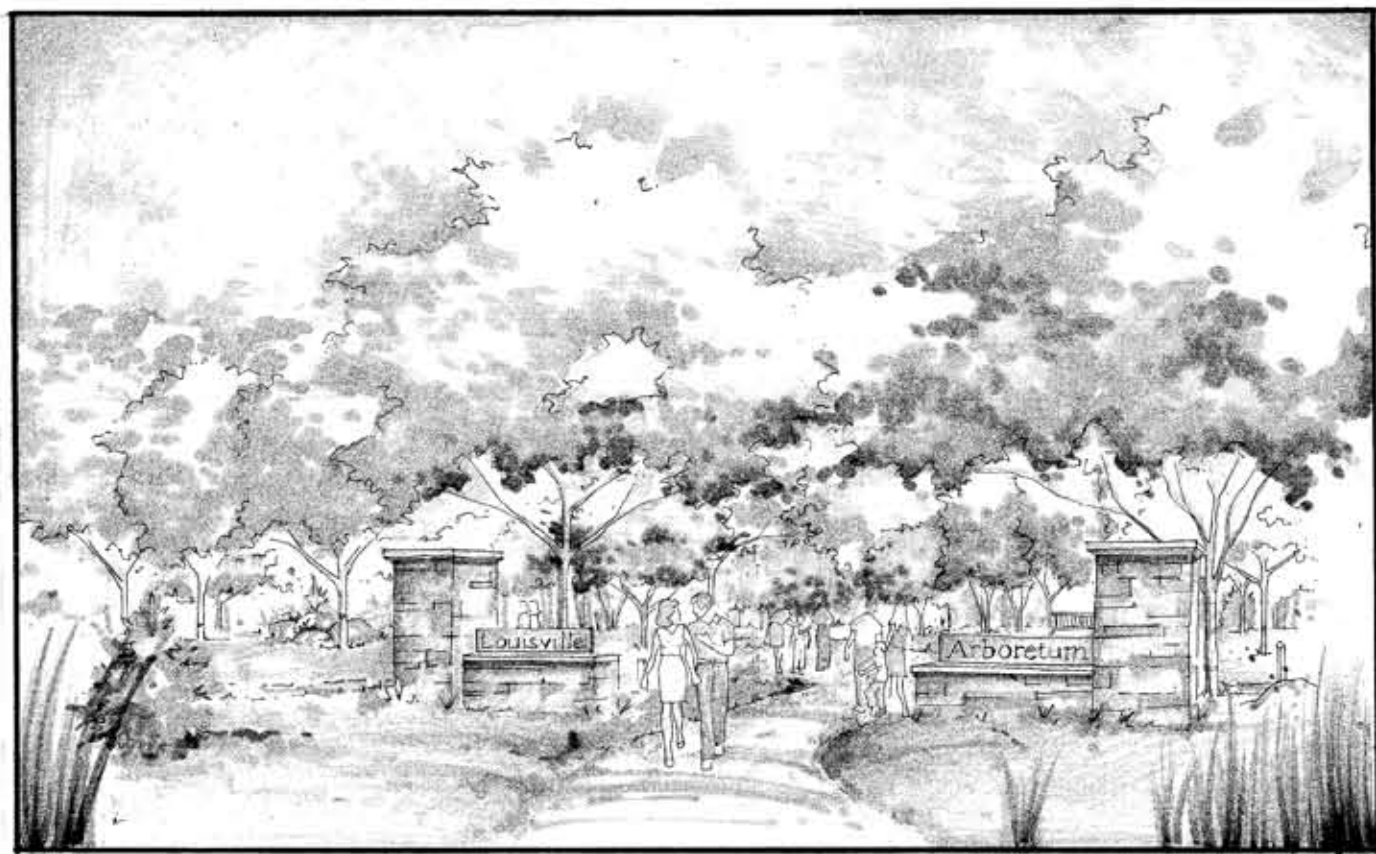
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LOUISVILLE ARBORETUM

LOUISVILLE, COLORADO

DRAWN BY: COURTNEY LOCKWOOD
SPRING 2005

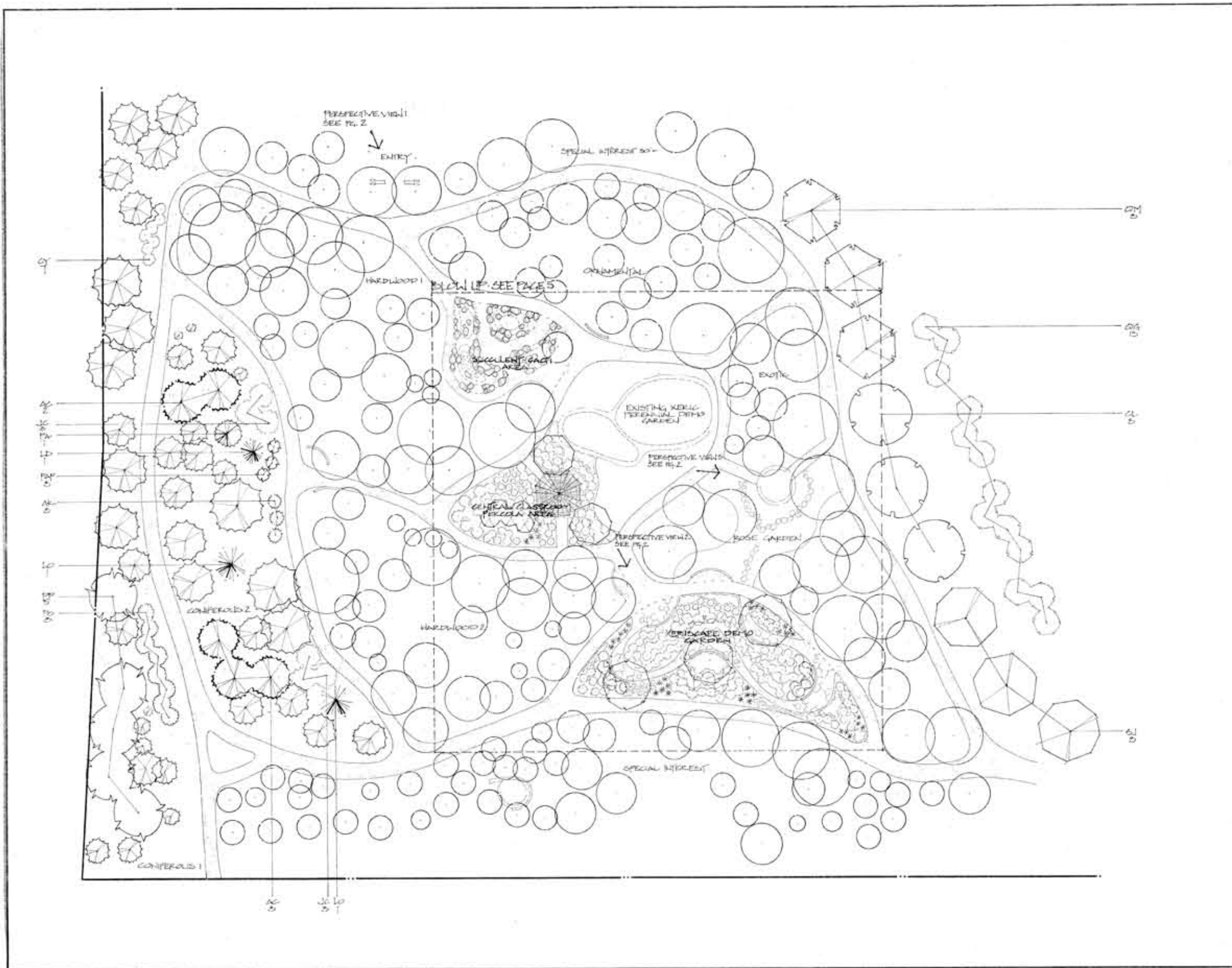


VIEW 1 - MAIN ENTRY.

VIEW 3 - XERISCAPE DEMO GARDEN.



VIEW 2 - OUTDOOR CLASSROOM.

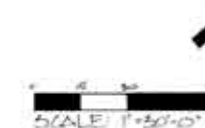


PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
DECIDUOUS TREES					
CL	3	<i>Cladonia kentuckiana</i> (L.)	American Yellow Wood	2'CAL	B&B
QB	2	<i>Quercus blanda</i>	Gringo	2'CAL	B&B
PT	5	<i>Populus tremula</i> 'Inexta'	Swedish Columnar Aspen	2'CAL	B&B
QG	15	<i>Quercus garbneri</i>	Gambel Oak	#15	
QM	3	<i>Quercus muhlenbergii</i>	Chickadee Oak	2'CAL	B&B
SJ	3	<i>Sophora japonica</i>	Japanese Pagoda Tree	2'CAL	B&B
RP	2	<i>Rutina pauciflora</i> 'Purple Rubi'	Purple Robe Loriot	2'CAL	B&B
CS	1	<i>Catalpa speciosa</i>	Western Catalpa	2'CAL	B&B
EVERGREEN TREES					
AC	3	<i>Abies concolor</i>	White Fir	6'UT	B&B
AK	3	<i>Abies koreana</i> 'Korean Fir'	Korean Fir	6'UT	B&B
PAF	3	<i>Picea abies</i> 'Fremontii'	Spreading Norway Spruce	6'UT	B&B
PP	3	<i>Picea pungens</i> 'Fat Albert'	Fat Albert Blue Spruce	6'UT	B&B
PAD	1	<i>Pinus aristata</i>	Brittlecone Pine	6'UT	B&B
LD	1	<i>Larix laricina</i> 'Pendula'	European Weeping Larch	6'UT	B&B
LO	2	<i>Larix occidentalis</i>	Western Larch	6'UT	B&B
DECIDUOUS SHRUBS					
AC	10	<i>Anemone canadensis</i>	Leaf Plant	#15	
DB	6	<i>Deberna thunbergii</i> 'Baginella'	Baginella Deberna	#15	
CM	10	<i>Camassia maritima</i>	Blue Mistletoe	#15	
CY	7	<i>Cytisus 'Young Lady'</i>	Fambush	#15	
CP	4	<i>Cytisus scoparius</i>	Spanish Gold Broom	#15	
DB	7	<i>Daphne x burbankii</i> 'Carol Mackie'	Carol Mackie Daphne	#15	
FN	6	<i>Forestiera neomexicana</i>	New Mexican Privet	#15	
LF	8	<i>Lycium 'Dunbari'</i>	Dunbar Lycium	#15	
PAF	6	<i>Penstemon strictifolius</i> 'Floral'	Cutleaf Russian Sage	#1	
PL	5	<i>Philadelphus lewisii</i> 'Cheyenne'	Lewis Mock Orange	#15	
PQ	8	<i>Physocarpus opulifolius</i> 'Mandarin'	Dwarf Ninebark	#15	
PF	14	<i>Potentilla fruticosa</i> 'Jackman'	Jackman Potentilla	#15	
PBV	8	<i>Prunella besseyi</i>	Western Sandcherry	#15	
PS	6	<i>Prunella sp.</i>	Prunella	#15	
RMS	12	<i>Rosa x 'Morden Centric'</i>	Morden Centric Rose	#15	
RN	9	<i>Rosa x 'Noble Wild'</i>	Noble Wild Rose	#15	
RC	6	<i>Rosa x sp.</i>	Flower Carpet Rose	#15	
RIV	9	<i>Rosa x 'Vivian Park'</i>	Vivian Park Rose	#15	
SJ	8	<i>Spiraea japonica</i> 'Little Princess'	Little Princess Spirea	#15	
WV	7	<i>Weigela florida</i> 'Vineyard'	Vineyard Weigela	#15	
WF	15	<i>Weigela florida</i> 'Alexandra'	Alexandra Weigela	#15	
EVERGREEN SHRUBS					
JC	6	<i>Juniperus communis</i> var. <i>depressa</i> 'Effusa'	Effusa Juniper	#15	
JL	7	<i>Juniperus horizontalis</i> 'Ice Blue'	Ice Blue Juniper	#15	
JS	6	<i>Juniperus sabina</i> 'Calgary Carpet'	Calgary Carpet Juniper	#15	
PERENNIALS AND GRASSES					
AS	10	<i>Artemisia stelleriana</i> 'Silver Broom'	Silver Broom Artemisia	#1	
CA	8	<i>Calamagrostis acutiflora</i> 'Karl Foerster'	Karl Foerster Feather Reed Grass	#1	
CAD	7	<i>Calamagrostis acutiflora</i> 'Ovenden'	Ovenden Feather Reed Grass	#1	
CI	27	<i>Callirhoe involucrata</i>	Poppy Mallow	#1	
LE	22	<i>Heimerocallis 'Lance virens'</i>	Lance virens Oxeye	#1	
IP	16	<i>Iris pallida</i> 'Variegata'	Variegated Iris	#1	
LA	23	<i>Lavandula angustifolia</i> 'Lidocote Superior'	Lidocote Superior Lavender	#1	
PA	14	<i>Pennisetum alopecuroides</i>	Dwarf Fountain Grass	#1	
SJ	25	<i>Sisyrinchium</i>	Indian Blue Grass	#1	
TA	7	<i>Trisetum arvense</i>	Gray Creeping Germander	#1	
VR	20	<i>Veronica rupestris</i>	Limestone Blue Speedwell	#1	
US	6	<i>Ustilago trichospora</i>	Blue Oat Grass	#1	

NOTES:

- EDGER: Shall be capped steel edger installed around all new planting bed areas to define breeze and flagstone walks.
- MULCH: Shall be Supreme Brown Mulch and is to be installed at a depth of 4".
- BREEZE: Shall be gray breeze.
- FLAGSTONE: Shall be buff flagstone to match the existing flagstone throughout the Arboretum.
- BERMS: As indicated on the planting plans are to be 1 to 2 ft. of added topsoil behind proposed seating walls in Xeriscape Demo Garden to match existing seating wall / berms throughout the Arboretum.
- BOULDERS: Are to be mason rock.
- GRADING AND DRAINAGE: All excess water needs to drain east away from the site.
- SOIL AMENDMENT: In all new planting areas add 3cy / 1000 ft. of topsoil, ripped and filled into existing soil at a depth of 10 inches.
- PLANT LIST: Is consistent throughout set.



LOUISVILLE ARBOR ETUM

LOUISVILLE COLORADO

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SPRING 2005

PLANTING PLAN

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SLICULENT-CACTI
AREA

EXISTING XERISCAPE
PERENNIAL GARDEN

CENTRAL CLASSROOM-
PERGOLA AREA

NOTES

EDGER: Shall be capped stone edger installed around all new planting bed areas to define breeze and flagstone walks.

BREEZE: Shall be gray breeze.

FLAGSTONE: Shall be buff flagstone to match the existing flagstone throughout the Arboretum.

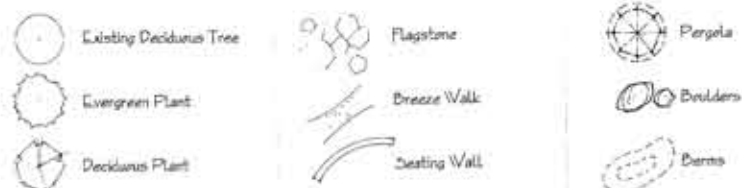
BERMS: As indicated on the planting plans are to be 1 to 2 ft of added topsoil behind proposed seating walls in Xeriscape Demo Garden to match existing seating wall / berms throughout the Arboretum.

Boulders: Are to be mass rock.

GRADING AND DRAINAGE: All excess water needs to drain east away from the site.

SOIL AMENDMENT: In all new planting areas add 3cy / 1000 ft of topsoil, ripped and tilled into existing soil at a depth of 10 inches.

LEGEND



PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
DECIDUOUS TREES					
CL	3	Quercus lyrata (Live Oak)	American Yellow Wood	2'CAL	B&B
CB	2	Quercus rubra	Red Oak	2'CAL	B&B
PT	5	Pinus strobus 'Erecta'	Sweetish Columnar Spruce	#5	B&B
QC	5	Quercus gambelii	Gambel's Oak	#5	B&B
QM	3	Quercus muhlenbergii	Chickasaw Oak	2'CAL	B&B
SL	3	Sophora japonica	Japanese Pagoda Tree	2'CAL	B&B
RP	2	Rosa pratincola 'Purple Rube'	Purple Rube Rose	2'CAL	B&B
CS	1	Catalpa speciosa	Western Catalpa	2'CAL	B&B
EVERGREEN TREES					
AC	5	Abies concolor	White Fir	6'LT	B&B
AK	3	Abies koreana 'Larson's Silver Fir'	Larson's Silver Fir	#7	B&B
PAF	3	Pinus strobus 'Fat Albert'	Fat Albert Blue Spruce	6'LT	B&B
PP	3	Pinus pungens	Pinus pungens	6'LT	B&B
PAD	1	Pinus aristata	Pinus aristata	6'LT	B&B
LD	1	Larix laricina 'Duke's Blue'	European Weeping Larch	6'LT	B&B
LO	2	Larix laricina	Western Larch	6'LT	B&B
DECIDUOUS SHRUBS					
AC	10	Amorpha canescens	Lead Plant	#5	
BB	6	Berberis thunbergii 'Bagatelle'	Bagatelle Barberry	#5	
CI	10	Corylus x coccinea	Blue Mist Spines	#5	
CM	10	Chamaenerion angustifolium	Fernleaf	#5	
CY	7	Cytisus 'Young Lady'	Spotted Broomrape	#5	
CP	4	Cytisus scoparius	Spotted Broomrape	#5	
DB	7	Daphne x burkwoodii 'Carol Mackie'	Carol Mackie Daphne	#5	
FN	6	Forsythia x intermedia	New Mexican Privet	#5	
LF	8	Lonicera 'Dundee'	Dundee Hydrangea	#5	
PAF	6	Persea atropurpurea 'Fragrant'	Cutleaf Russian Sage	#1	
PL	5	Philadelphus lewisii 'Cheyenne'	Lewis Mack Orange	#5	
PO	8	Physocarpus opulifolius 'Moria'	Dwarf Ninebark	#5	
PT	10	Potentilla fruticosa 'Jackman'	Jackman Potentilla	#5	
PBW	8	Prunus besseyi	Prunus besseyi	#5	
PD	6	Prunus besseyi 'Pavane Butter'	Pavane Butter	#5	
RMS	12	Rosa x 'Morden Sunrise'	Morden Sunrise Rose	#5	
RM	9	Rosa x 'Nancy Wild'	Nancy Wild Rose	#5	
RC	6	Rosa x sp.	Flower Carpet Rose	#5	
RV	9	Rosa x 'Vivipara Plena'	Vivipara Plena Rose	#5	
SL	8	Spiraea japonica 'Little Princess'	Little Princess Spirea	#5	
WV	7	Weigela florida 'Vendula'	Dwarf Variegated Weigela	#5	
WT	15	Weigela florida 'Alabaster'	White & Roses Weigela	#5	
EVERGREEN SHRUBS					
JC	6	Juniperus communis var. depressa 'Tuffa'	Blue Juniper	#5	
JB	7	Juniperus horizontalis 'Ice Blue'	Ice Blue Juniper	#5	
JS	6	Juniperus sibirica 'Calgary Carpet'	Calgary Carpet Juniper	#5	
PERENNIALS AND GRASSES					
AS	10	Artemisia stelleriana 'Silver Brocade'	Silver Brocade Artemisia	#1	
CA	1	Calamagrostis canadensis 'Karl Foerster'	Karl Foerster Feather Reed Grass	#1	
CAD	7	Calamagrostis canadensis 'Overland'	Overland Feather Reed Grass	#1	
CI	27	Callirhoe involucrata	Poppy Mallow	#1	
IL	22	Hebe x 'Lime Green'	Lime Green Hebe	#1	
IP	16	Irish yarrow 'Variegata'	Variegated Iris	#1	
LA	23	Lavandula angustifolia 'Lilac Super'	Lavender Superstar	#1	
PA	14	Penstemon 'Superdaisy'	Superdaisy Penstemon	#1	
SL	26	Salvia leucantha	White Mexican Bush Sage	#1	
TA	7	Teucrium americanum	Gray Creeping Germander	#1	
VR	20	Veronica repens	Heavenly Blue Speedwell	#1	
US	6	Urtica dioica 'Serpentina'	Blue Oak Grass	#1	

LOUISVILLE ARBOR ETUM

LOUISVILLE COLORADO

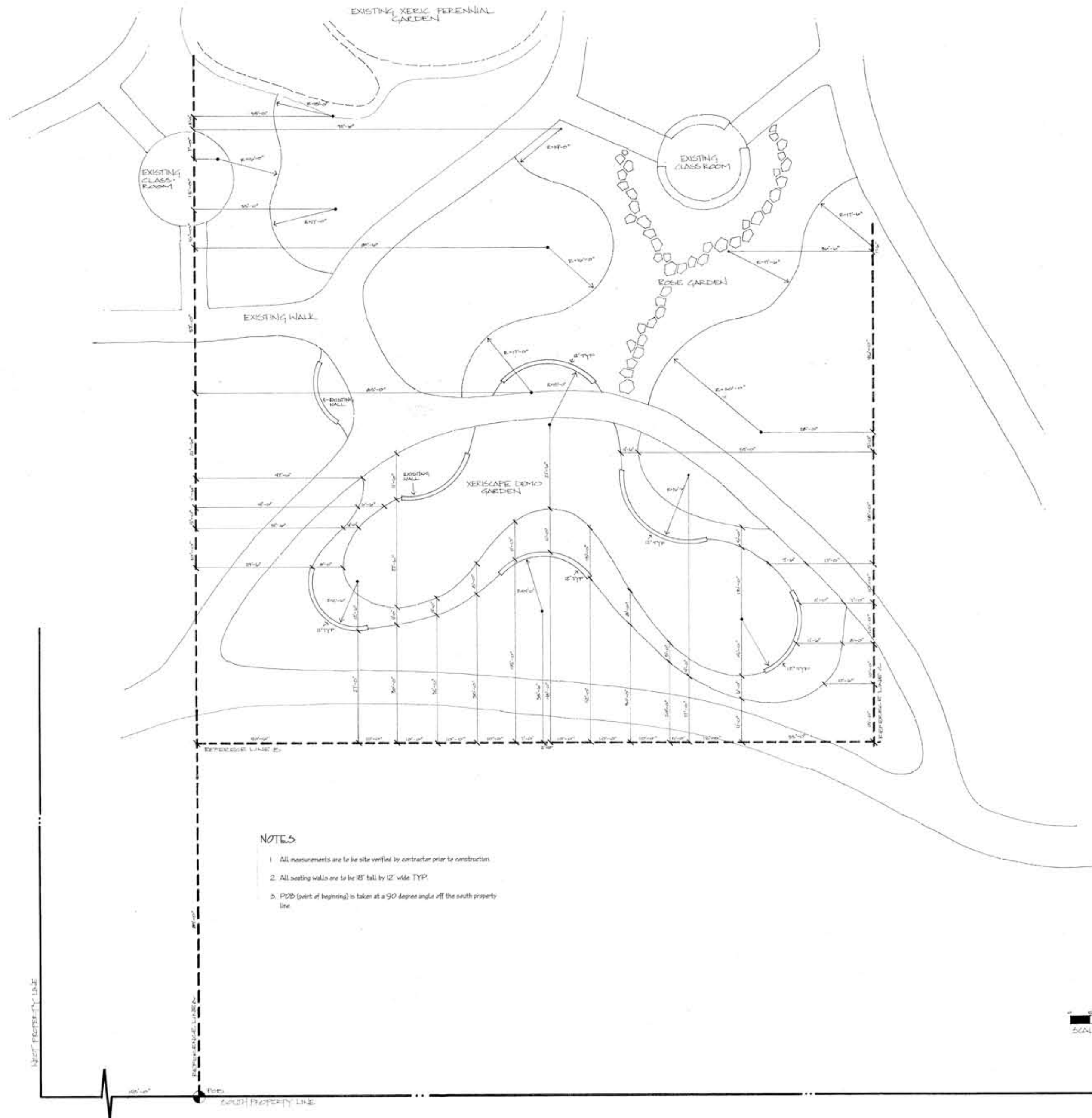
PLANTING PLAN
FLOWERS

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SPRING 2005

XERISCAPE DEMO GARDEN





NOTES

1. All measurements are to be site verified by contractor prior to construction.
2. All seating walls are to be 18" tall by 12" wide TYP.
3. POB (point of beginning) is taken at a 90 degree angle off the south property line.

LOUISVILLE ARBOR ETUM

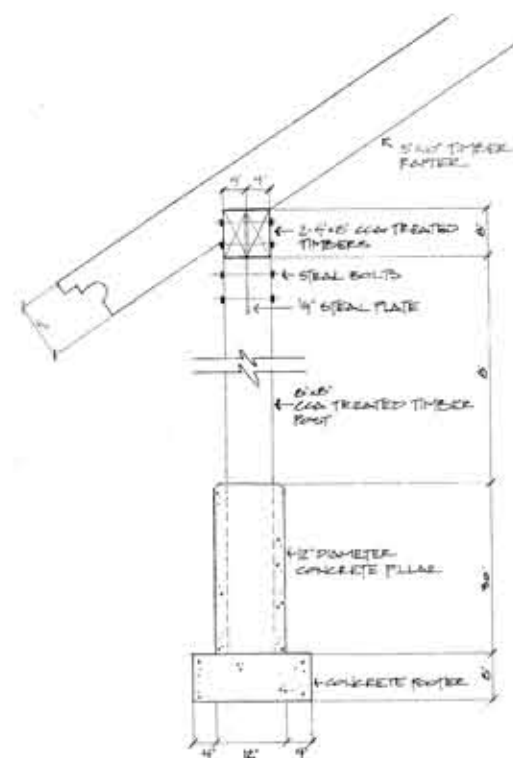
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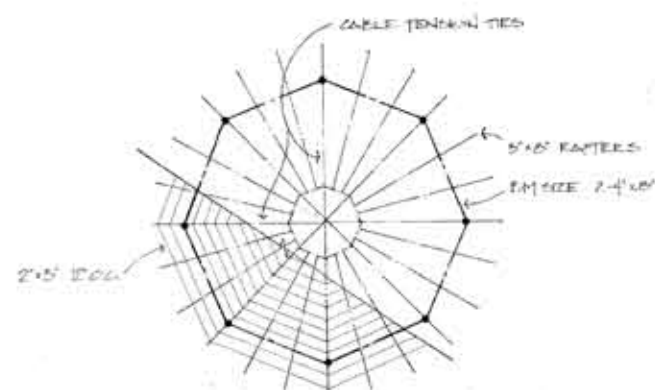
LAYOUT

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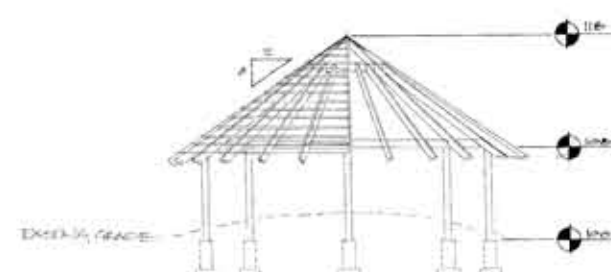


PERCOLA DETAIL
SCALE: 3/4" = 1'-0"

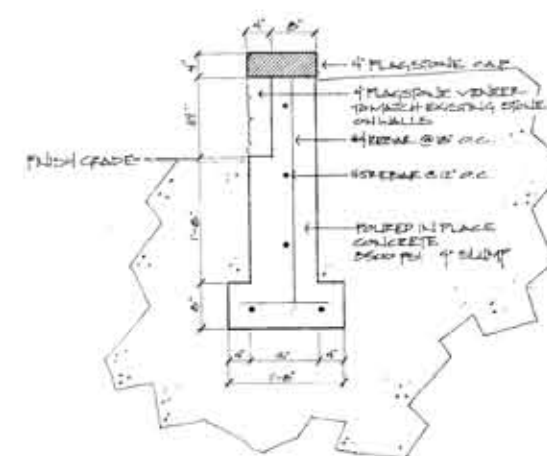
NOTES:
ACTUAL FOOTINGS AND FOUNDATIONS
DESIGNED BY OTHERS.



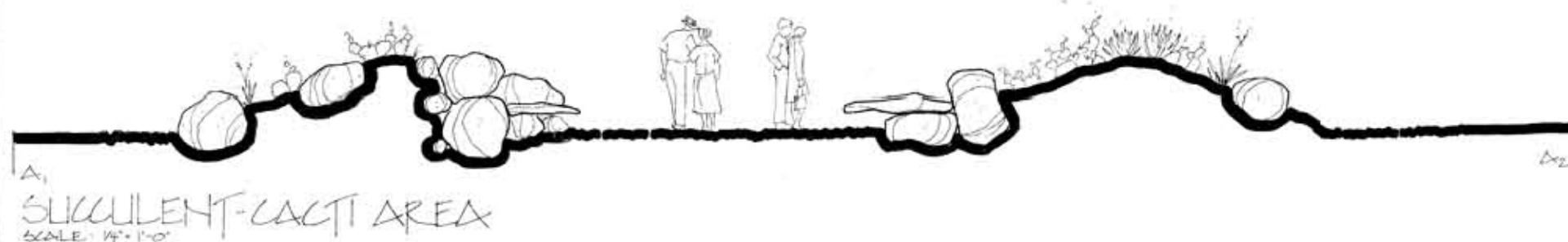
PERCOLA ROOF PLAN
SCALE: 1/8" = 1'-0"



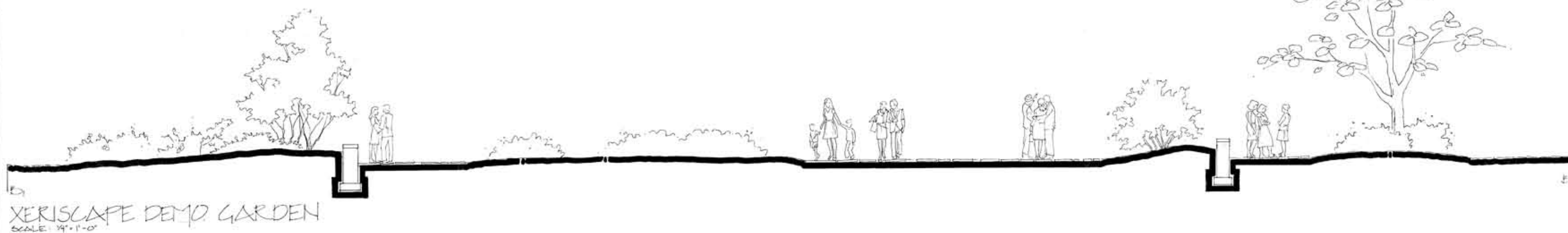
PERCOLA ELEVATION
SCALE: 1/8" = 1'-0"



SEAT WALL SECTION
SCALE: 3/4" = 1'-0"



SUCCULENT-CACTI AREA
SCALE: 1/4" = 1'-0"



XERISCAPE DEMO GARDEN
SCALE: 1/4" = 1'-0"

LOUISVILLE ARBOR ETUM

LOUISVILLE, COLORADO

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SPRING 2005

DETAILS
SECTIONS

OF