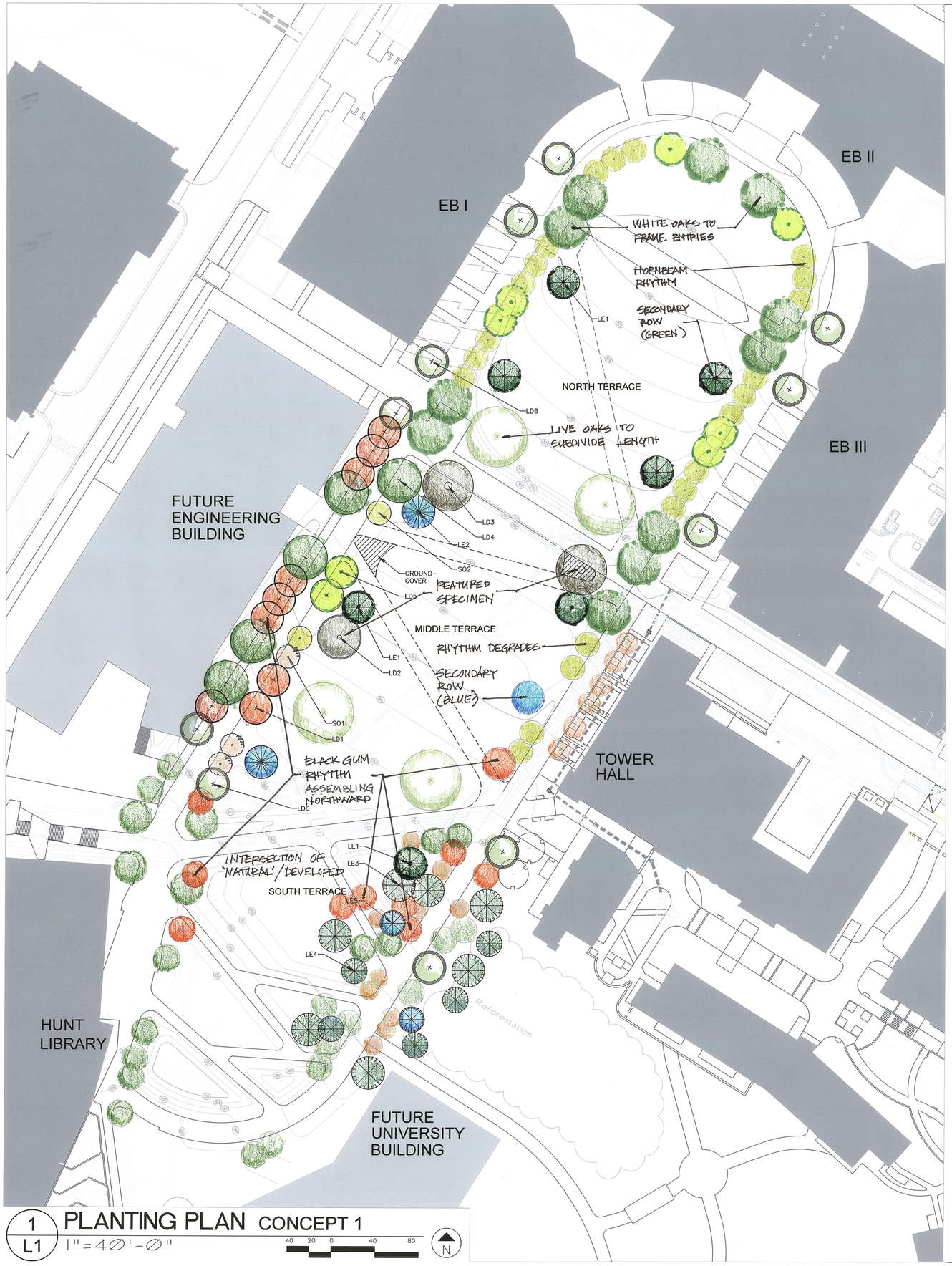
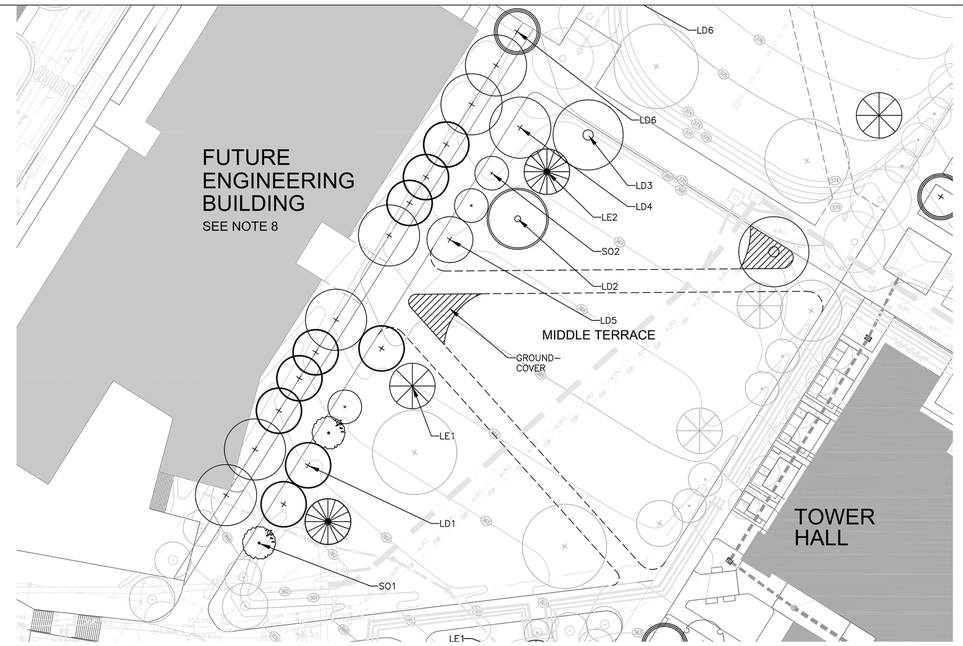


1 / L1 PLANTING PLAN CONCEPT 1

1" = 40'-0"

40 20 0 40 80

N



2 / L1 CONCEPT 2

1" = 40'-0"

40 20 0 40 80

N

PLANT LIST

	TREE TYPE	SCIENTIFIC NAME / COMMON NAME
EVERGREEN TREES	LE1	MAGNOLIA GRANDIFLORA 'CLAUDIA WANNAMAKER' / CLAUDIA WANNAMAKER MAGNOLIA
	LE2	CEDRUS DEODAR 'MYSTIC ICE' / MYSTIC ICE CEDAR
	LE3	PINUS PALUSTRIS / LONGLEAF PINE
	LE4	JUNIPERUS VIRGINIANA / EASTERN RED CEDAR
	LE5	JUNIPERUS CHINENSIS 'BLUE POINT' / BLUE POINT JUNIPER
SMALL ORNAMENTAL TREES	SO1	PRUNUS MUME / JAPANESE APRICOT
	SO2	CARPINUS CAROLINIANA / AMERICAN HORNBEAM
LARGE DECIDIOUS TREES	LD1	NYSSA SYLVATICA 'WILDFIRE' / WILDFIRE BLACK GUM
	LD2	TILIA AMERICANA / AMERICAN LINDEN
	LD3	GYMNOCLADUS DIOICU / KENTUCKY COFFEETREE
	LD4	QUERCUS ALBA / WHITE OAK
	LD5	QUERCUS LAURIFOLIA / LAUREL OAK
	LD6	QUERCUS FALCATA / SOUTHERN RED OAK

GENERAL NOTES:

1. THIS PLAN IS A MASTER PLAN TO GUIDE FUTURE DEVELOPMENT OF THE OVAL TREE PLANTINGS. GROUND COVERS AND SHRUBS NEED TO BE CONSIDERED IN FURTHER STUDIES AND/OR CONSTRUCTION DOCUMENTS. THIS PLAN IS NOT FOR CONSTRUCTION.

2. ON THE NORTH TERRACE OF THE OVAL, PLANT FORMAL TREES TO MATCH THE FORMAL LAYOUT THAT IS EXISTING.

3. REPEAT THE SAME PLANT MATERIAL ON THE EASTERN AND WESTERN SIDE OF THE NORTH TERRACE, KEEPING THE NORTH TERRACE SYMMETRICAL.

4. THE EXISTING TREES ON THE NORTH TERRACE OF THE OVAL HAVE RED AND YELLOW FALL COLOR. PROVIDE OTHER SEASONAL INTEREST TO THIS AREA, INCLUDING ORNAMENTAL BLOSSOMS AND WINTER INTEREST.

5. THE MIDDLE TERRACE WILL BE A TRANSITIONAL AREA BETWEEN THE FORMALIZED NORTHERN TERRACE AND THE NATURALIZED SOUTHERN TERRACE.

6. REFER TO DIAGRAM 1 L2. THE TREE LAYOUT IS BASED ON A GRID SYSTEM, USING THE SPACING OF THE EXISTING CHERRIES WITHIN THE WOLF RIDGE OUTDOOR DINING AREAS TO ESTABLISH THE NORTH-SOUTH DIMENSION (20' to 25'). THE NORTH-SOUTH GRID IS SUBDIVIDED INTO SMALLER INTERVALS BASED ON THE 20' TO 25' SPACING (5', 6.25', 10', AND 12.5'). THE EAST-WEST GRID STARTS FROM THE EXISTING PATH EDGE TO MATCH THE EXISTING TREE SPACING (7') FOR THE NORTHERN TERRACES AND EXPANDS TO A 10'AND 5' SPACING.

7. THESE CONCEPTS SHOW SMALLER ORNAMENTAL TREES IN FRONT OF THE EXPRESSED ARCHITECTURAL ELEMENT SHOWN IN THIS PLACEHOLDER FOOTPRINT FOR ENGINEERING BUILDING V (EB V).

8. CONCEPT 2 SHOWS HOW PLANTINGS ALONG THE WESTERN SIDE OF THE OVAL CAN RESPOND TO THE ENTRANCE TO EB V IF IT IS FURTHER SOUTH THAN IN CONCEPT 1.

9. AS THE MASTER PLAN IS IMPLEMENTED, COORDINATING PLAN WITH GROUNDS MANAGEMENT REGARDING IRRIGATION IS REQUIRED.

10. TREES SHALL INITIALLY BE INSTALLED WITH MULCH RINGS. AS THEY MATURE, CONSULT WITH GROUNDS MANAGEMENT TO ESTABLISH BED LINES THAT FACILITATE MAINTENANCE WHILE PRESERVING LAWN AREA FOR EVENTS, GATHERING, ETC.

Key Concepts:

1. Increase areas of shade through introduction of a secondary row of trees.

2. Subdivide the physical space into thirds.
3. In the North Terrace: Maintain the symmetry of layout established by the arrangement of the buildings.

4. In the Middle Terrace: Through the pattern and rhythm, transition from the perfect symmetry and grand scale of the North Terrace to the more intimate informality of the South Terrace.

5. In the Middle Terrace: The rhythm of native trees strengthens as they assemble northward from the South Terrace, while the rhythm of the the more cultivated varieties used in the North Terrace dissolve as they move southward.

6. In the South Terrace, use both native species and cultivars at the intersection of the reforested Natural Area and the cultivated Campus Green.

7. Use key native species (Nyssa sylvatica, Magnolia grandiflora) in both reforested area and in rhythmic patterns as a bridge between the natural and cultivated landscapes.

8. Use Quercus alba to frame entrances.

Tactics:

1. At the perimeter, add shade trees between the buildings and the All Campus Path to create allees.

2. Add evergreen trees throughout to reflect Southern landscape and to increase winter interest.

3. Add flowering trees as accents and to increase Spring color.

4. Add specimen trees (e.g. Gymnocladus diocus and Tilia americana) as a teaching resource.

NC STATE UNIVERSITY
OFFICE OF THE UNIVERSITY ARCHITECT
• BOX 7519 • RALEIGH, NORTH CAROLINA 27695 – 7519

DATE: 11/20/13
DESN: CEG
DN BY: CEG
CK BY: TJS
REV: 12/08/2016

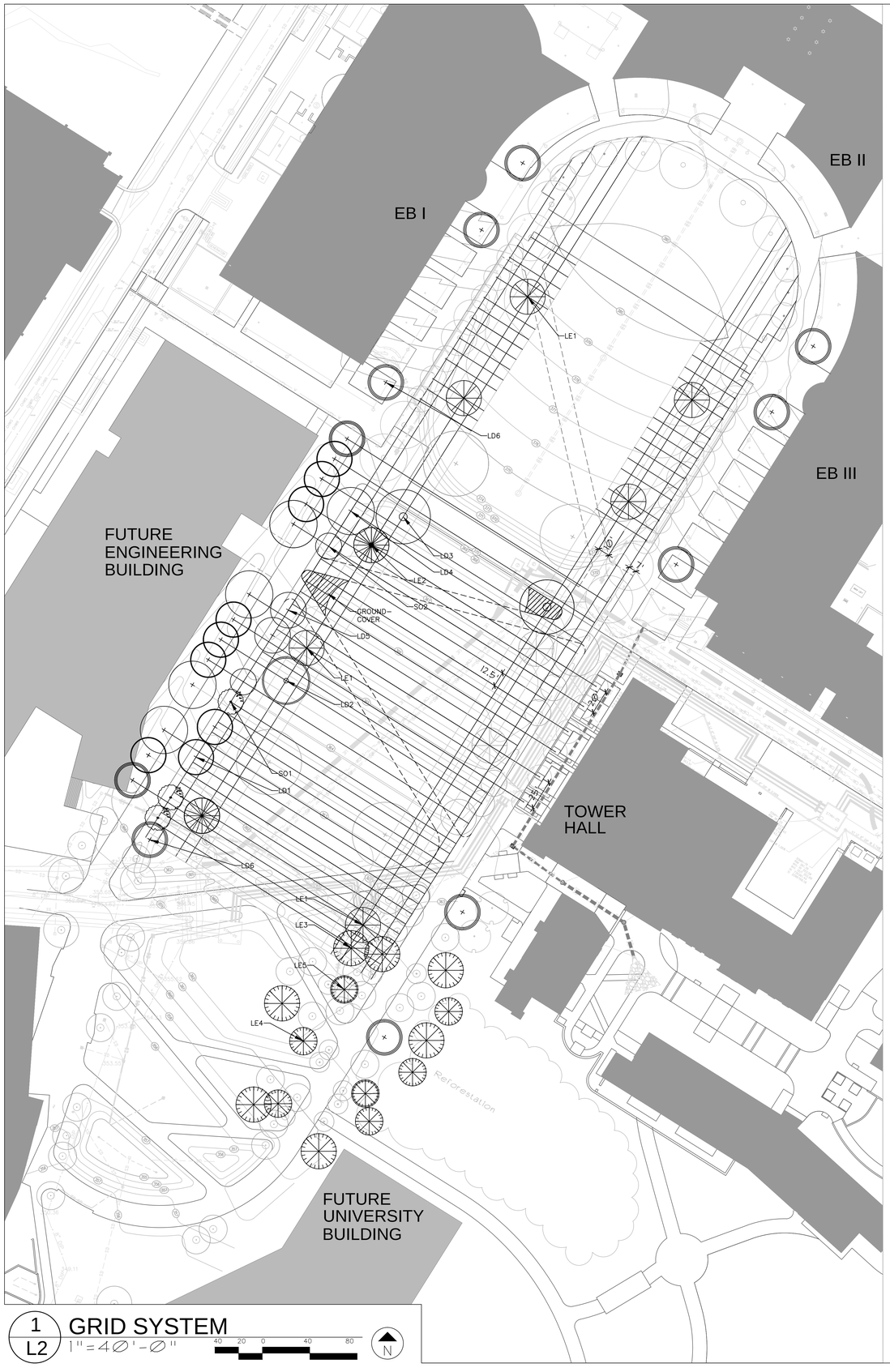
THE OVAL TREE MASTER PLAN
CENTENNIAL CAMPUS

SHEET No. L1 of 2
Total Sheets: 2

Designer Proj. No.

NCSU Proj. No. 201313009

FAC. NAME THE OVAL
FAC. NO. W

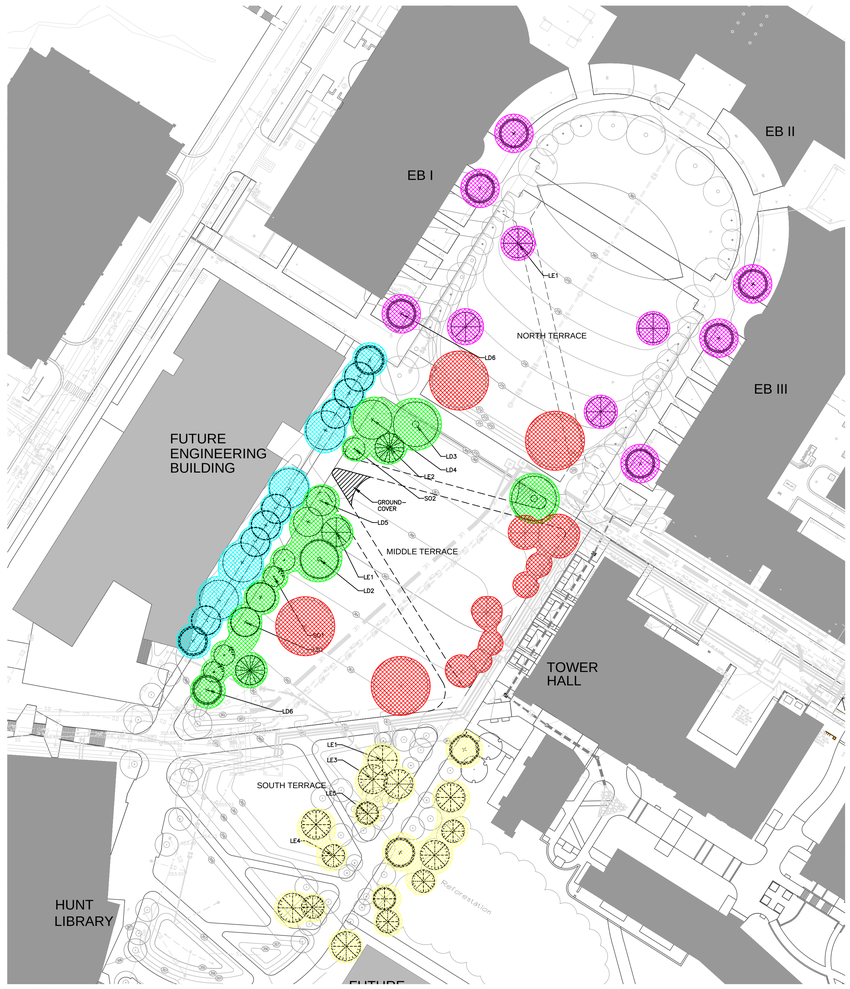


1 L2 GRID SYSTEM

1" = 40'-0"

40 20 0 40 80

N



2 L2 PHASING PLAN

1" = 60'-0"

60 30 0 60 120

N

PHASE 1

PHASE 2

PHASE 3

PHASE 4

PHASE 5

SEASONAL INTEREST CHART

	EARLY SPRING	LATE SPRING	EARLY SUMMER	MID-SUMMER	LATE SUMMER	EARLY AUTUMN	LATE AUTUMN	WINTER	NOTES
CLAUDIA WANNAMAKER MAGNOLIA			WHITE						WHITE FLOWER EVERGREEN
MYSTIC ICE CEDAR								BLUE	BLUE FOILAGE EVERGREEN
WHITE PINE	YELLOW								EVERGREEN
EASTERN RED CEDAR								BRONZE	WINTER-BRONZE FOLIAGE EVERGREEN
BLUE POINT JUNIPER	BLUE							BLUE	BLUE BERRIES BLUE FOILAGE EVERGREEN
JAPANESE APRICOT	PINK FRAGRANT	YELLOW						PINK FRAGRANT	PINK FLOWERS YELLOW FRUIT
AMERICAN HORNBEAM						YELLOW ORANGE RED		BARK	MUSCLE LIKE BARK GREAT FALL COLOR
BOUGAINVILLEA GOLDEN-RAIN TREE					YELLOW	PINK			BRIGHT PANICLES OF YELLOW FLOWERS PINK SEED PODS
KENTUCKY COFFEETREE	WHITE					YELLOW		BARK	COURSE BRANCH TEXTURE LARGE YELLOW SEED PODS WHITE FRAGRANT FLOWERS
WILDFIRE BLACK GUM						YELLOW ORANGE RED			GREAT FALL COLOR BRIGHT RED
SOUTHERN RED OAK						COPPER			
WILLOW OAK						YELLOW			
LAUREL OAK						RED YELLOW			
DAWN REDWOOD						ORANGE RED		BARK	GREAT FALL COLOR GREAT BARK TEXTURE

FLOWERING

FOILAGE

BERRIES / FRUIT

WINTER INTEREST (BARK/FORM)

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DATE: 11/22/13
DESNR: CEG
DN. BY: CEG
CK. BY: TJS
REV.: 11/20/13

THE OVAL TREE MASTER PLAN
CENTENNIAL CAMPUS

SHEET No. L2 of 2
Total Sheets: 2

Designer Proj. No.
NCSU Proj. No. 201313009

FAC. NAME THE OVAL
FAC. NO. W