NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

PROPOSED ROADSIDE ENVIRONMENTAL SUSTAINABLE DESIGN & AESTHETICS PROJECT

T.I.P. #	FEDERAL PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
R-3329/R-2559	000000.000.00	L1A	67
FED. PROJ. #	DESCRIPTION		DIVISION
00000.000.000	MONROE EXPRESSWAY		10

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

PROJECT: R-3329/R-2559

Project Location:
Mecklenburg &
Union County(s)
US 74 Bypass
Monroe, NC

CONVENTIONAL SYMBOLS

County Line
City or Town Line
Exist. Right of Way Line Marker
Prop. Right of Way Line Marker (By Others)
Prop Right of Way Line Marker (By Contract)
Exist. Control of Access Line
Prop. Control of Access Line
Property Line
Easement Line
Slope Stake Line
Exist. Fence
Prop. Woven Wire Fence
Prop. Chain Link Fence
Exist. Road
Prop. Road
Guardrail
Survey Line
Denotes Line Equality
Bridge
Culvert
Railroad
Woods
Exist. Telephone Pole
Prop. Telephone Pole
Tower Pole and Line
Exist. Power Pole
Prop. Power Pole
Sanitary Sewer Line
Water Line
Gas Line
Picnic Shelter
Regeneration
Reforestation
Large Deciduous Tree
Evergreen Tree
Small or Flowering Tree
Shrubs
Planting Bed

Summary of Quantities

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	FURNISH	
			Small Flowering Trees (LARGE)			
90	EA	CCL	Cercis canadensis	Redbud	2-21/2" CAL., 8-10', B&B, 1.2.3 Specimen-Matching	As Shown
57	EA	CVL	Chionathus virginicus	Fringetree	2-21/2" CAL., 8-10', B&B, 1.2.3 Specimen-Matching	As Shown
48	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood	2-21/2" CAL., 8-10', B&B, 1.2.3 Specimen-Matching	As Shown
725	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle	2-21/2" CAL., 8-10', B&B, 1.2.3 Specimen-Matching	As Shown
276	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle	2-21/2" CAL., 8-10', B&B, 1.2.3 Specimen-Matching	As Shown
			Evergreen Trees (LARGE)			
121	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria	8-10', B&B, Specimen 3.1.2.4	As Shown
80	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress	8-10', B&B, Specimen 3.1.2.4	As Shown
21	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly	6-8', B&B, Specimen 3.1.2.4	As Shown
157	EA	JVL	Juniperus virginiana	Eastern Red Cedar	8-10', B&B, Specimen 3.1.2.4	As Shown
170	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia	2 1/2"-3" Cal.,14-16', B&B, Specimen	As Shown
288	EA	PTL	Pinus taeda	Loblolly Pine	2 1/2"-3" Cal.,14-16', B&B, Specimen	As Shown
			Deciduous Trees (LARGE)			
94	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple	2 1/2"-3" Cal.,14-16', B&B, Specimen	As Shown
88	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple	2 1/2"-3" Cal.,14-16', B&B, Specimen	As Shown
83	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum	2 1/2"-3" Cal.,14-16', B&B, Specimen	As Shown
111	EA	QNL	Quercus nuttallii	Nuttall Oak	2 1/2"-3" Cal.,14-16', B&B, Specimen	As Shown
118	EA	QCL	Quercus coccinea	Scarlet Oak	2 1/2"-3" Cal.,14-16', B&B, Specimen	As Shown
94	EA	QPL	Quercus phellos	Willlow Oak	2 1/2"-3" Cal.,14-16', B&B, Specimen	As Shown
144	EA	QSL	Quercus Shumardii	Shumard Oak	2 1/2"-3" Cal.,14-16', B&B, Specimen	As Shown
105	EA	TDL	Taxodium Distichum	Bald Cypress	2 1/2-3" Cal., 10-12', B&B, Specimen	As Shown
			Shrubs / Native Grass and Perennial Varieties			
28,950	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily	#1 Cont.	2' O.C.
8,735	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris	Single Fan Rhizome	24" O.C.
66,260	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil	DN II	24" O.C.
15,635	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass	#1 Cont.	5' O.C.
11,390	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan	#1 Cont.	2' O.C.
6,920	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower	#1 Cont.	2' O.C.
6,320	EA	LS	Liriope spicata	Creeping Lilyturf	#1 Cont.	2' O.C.
18,015	EA	EP	Echinacea purpurea	Purple Coneflower	#1 Cont.	2' O.C.
			Descriptions			
1	LS	SP	Establishment			
16,340	CY	1670	Mulch for Planting			
126,408	SY	1670	Post-Emergence Herbicidal Treatment for Plant Beds			
126,408	SY	1660	Pre-Emergence Plant Bed Herbicide Treatment			
75	ACRE	SP	Seeding & Mulching			
1,171	M/G	1670	Water for Planting			
650	M/G	1670	Water for Sod			
10	CYCLES	SP	Specialty Mowing			
36,220	SY	SP	Sod			
8,060	SF	SP	Pavers & Edging			
1	LS	SP	Landscape Grading			
1	LS	SP	Traffic Control			
413	CY	SP	Topsoil			
3	ACRE	1651	Selective Undergrowth Removal			

GRAPHIC SCALES

50 SCALE (50 25 0 50 100)

20 SCALE (20 10 0 20 40)

100 SCALE (100 50 0 100 200)

Designed By: Jeff Lackey 9/2018

REVISIONS

DATE	DESCRIPTION

INDEX OF (L) SHEETS:

L1A - TITLE SHEET
L1B - PLANTING DETAILS
L1C - ROADSIDE DETAILS
L1D - SHEET LAYOUT PLAN/SYMBOLOGY

L6 - SHEET LAYOUT PLAN - (WEST GATEWAY)
L6A - LANDSCAPE PLANTING PLAN
L6A-L - LAYOUT PLAN
L6B - LANDSCAPE PLANTING PLAN
L6B-L - LAYOUT PLAN
L6C - LANDSCAPE PLANTING PLAN
L6C-L - LAYOUT PLAN

L7 - LANDSCAPE PLANTING PLAN - (TOLL #1)
L7-L - LAYOUT PLAN

L12 - LANDSCAPE PLANTING PLAN - (TOLL #2)
L12-L - LAYOUT PLAN

L14 - SHEET LAYOUT PLAN - (INDIAN TRAIL ROAD)
L14A - LANDSCAPE PLANTING PLAN
L14A-L - LAYOUT PLAN
L14B - LANDSCAPE PLANTING PLAN
L14B-L - LAYOUT PLAN
L14C - LANDSCAPE PLANTING PLAN
L14C-L - LAYOUT PLAN

L15 - LANDSCAPE PLANTING PLAN - (TOLL #3)
L15-L - LAYOUT PLAN

L19 - SHEET LAYOUT PLAN - (ROCKY RIVER ROAD)
L19A - LANDSCAPE PLANTING PLAN
L19A-L - LAYOUT PLAN
L19C - LANDSCAPE PLANTING PLAN
L19B-L - LAYOUT PLAN
L19B - LANDSCAPE PLANTING PLAN
L19C-L - LAYOUT PLAN

L21 - LANDSCAPE PLANTING PLAN - (TOLL #4)
L21-L - LAYOUT PLAN

L25 - SHEET LAYOUT PLAN - (US 601 CONCORD ROAD)
L25A - LANDSCAPE PLANTING PLAN
L25A-L - LAYOUT PLAN
L25B - LANDSCAPE PLANTING PLAN
L25B-L - LAYOUT PLAN
L25C - LANDSCAPE PLANTING PLAN
L25C-L - LAYOUT PLAN
L25D - LANDSCAPE PLANTING PLAN
L25D-L - LAYOUT PLAN

L27 - LANDSCAPE PLANTING PLAN - (TOLL #5)
L27-L - LAYOUT PLAN

L30 - LANDSCAPE PLANTING PLAN - (TOLL #6)
L30-L - LAYOUT PLAN

L31 - SHEET LAYOUT PLAN - (AUSTIN CHANEY ROAD)
L31A - LANDSCAPE PLANTING PLAN
L31A-L - LAYOUT PLAN
L31B - LANDSCAPE PLANTING PLAN
L31B-L - LAYOUT PLAN
L31C - LANDSCAPE PLANTING PLAN
L31C-L - LAYOUT PLAN
L31D - LANDSCAPE PLANTING PLAN
L31D-L - LAYOUT PLAN

L32 - SHEET LAYOUT PLAN - (TOLL #7)
L32A - LANDSCAPE PLANTING PLAN
L32A-L - LAYOUT PLAN
L32B - LANDSCAPE PLANTING PLAN
L32B-L - LAYOUT PLAN

L33 - SHEET LAYOUT PLAN - (EAST GATEWAY)
L33A - LANDSCAPE PLANTING PLAN
L33A-L - LAYOUT PLAN
L33B - LANDSCAPE PLANTING PLAN
L33B-L - LAYOUT PLAN
L33C - LANDSCAPE PLANTING PLAN
L33C-L - LAYOUT PLAN

STATE OF
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

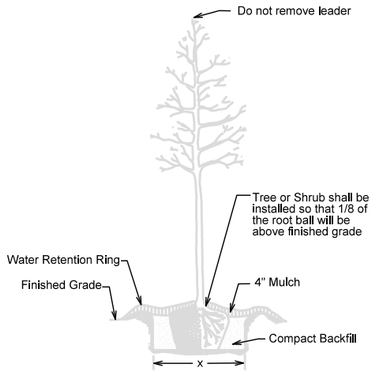
LOCATION: US 74 Bypass From US 74 Just East of I-485 Near Matthews & Stallings to US 74 Just East of Wingate and West of Marshville

TYPE of WORK: LANDMARK Corridor Enhancement Design & Development

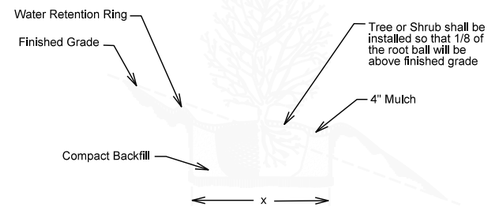
COUNTY: MECKLENBURG & UNION COUNTY(S)

2018 STANDARD SPECIFICATIONS

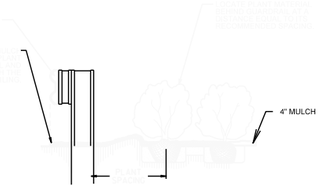
PREPARED IN THE OFFICE OF:
NCDOT- ROADSIDE ENVIRONMENTAL UNIT
DESIGN & DEVELOPMENT SECTION
1557 MAIL SERVICE CENTER
RALEIGH NC 27699 919-707-2920



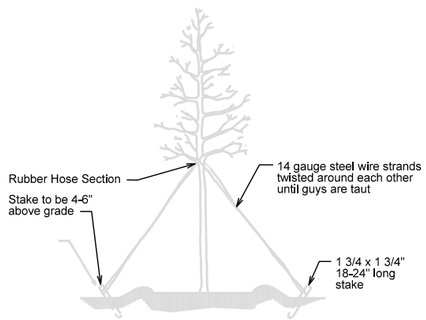
TREE OR SHRUB PLANTING DETAIL
(LEVEL GROUND)



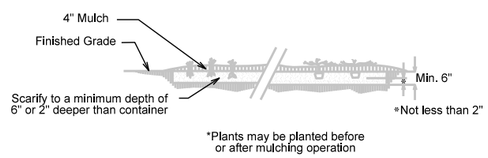
TREE OR SHRUB PLANTING DETAIL
(SLOPING GROUND)



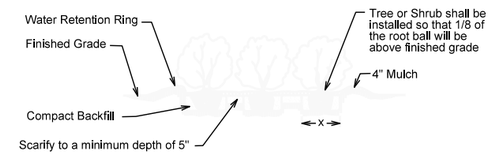
GUARDRAIL MULCHING DETAIL
* Detail to be used when approved by the Engineer.



TREE GUYING DETAIL
(FOR TREES 10' OR LARGER)
* Utilize guying detail only if requested by the Engineer.



Groundcover Planting Detail



Shrub Bed Planting Detail

NOTES:

SCHEDULE FOR PLANT HOLE SIZE:
CONTAINER OR ROOT BALL SIZE

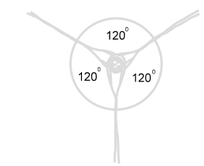
X = 2 TIMES THE DIAMETER OF THE CONTAINER OR THE ROOT BALL DIAMETER

REMOVE BURLAP FROM TOP OF BALL BEFORE BACKFILLING AROUND BALL IS COMPLETE

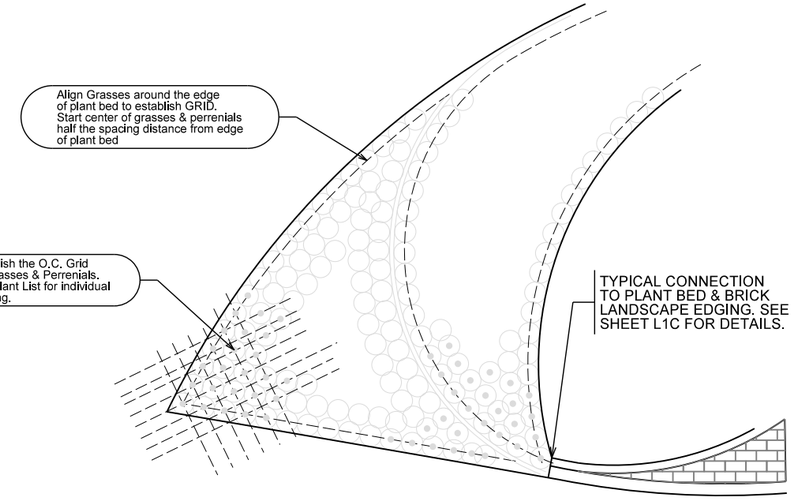
SEE STANDARD SPECIFICATIONS FOR PLANT BED HERBICIDE TREATMENT

When mulched bed is adjacent to guard rail run mulch to front edge of guard rail - see detail

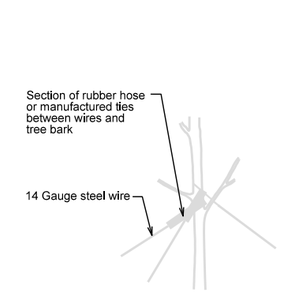
PRUNING CUTS



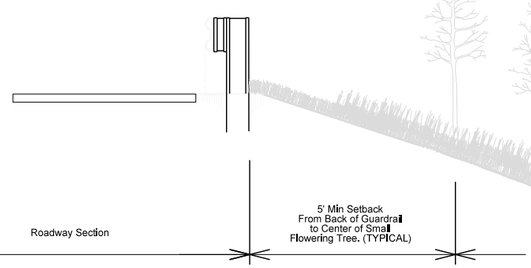
GUY SPACING DETAIL



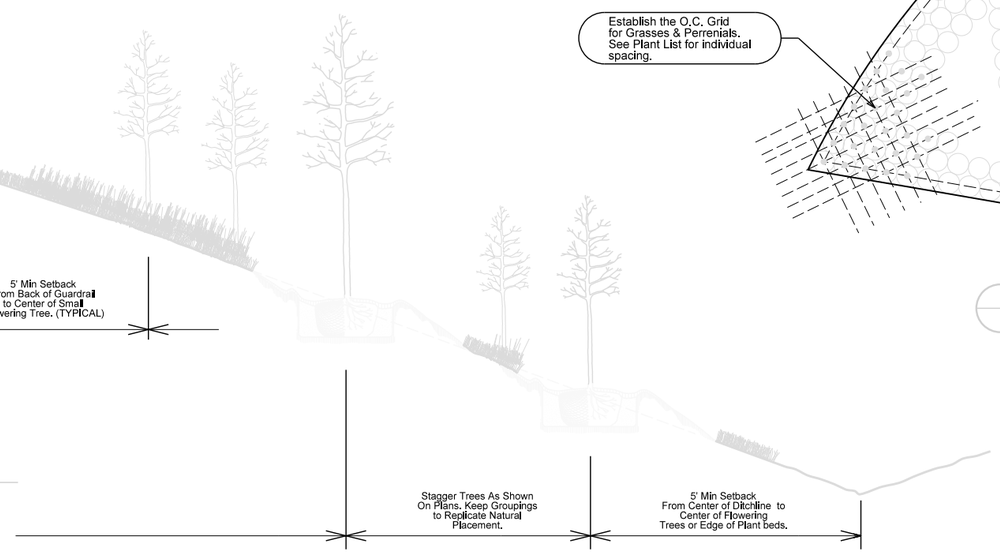
Typical Plan View @ Layout for Native Grass & Perrenial Plantings
No Scale

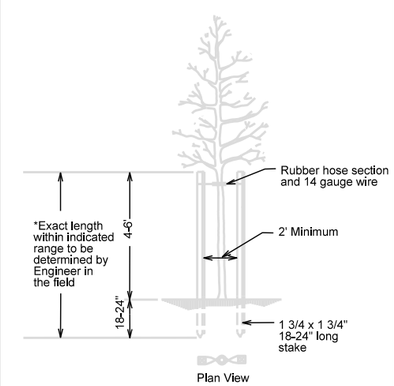


GUY TYING DETAIL



Typical Section @ Cut Slopes & Ditchlines
No Scale





STAKING DETAIL
(FOR TREES 6' TO 10')
* Utilize staking detail only if requested by the Engineer.

SHEET NO.
L1B
TOTAL SHEETS
Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina
N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Planting Details
L1B

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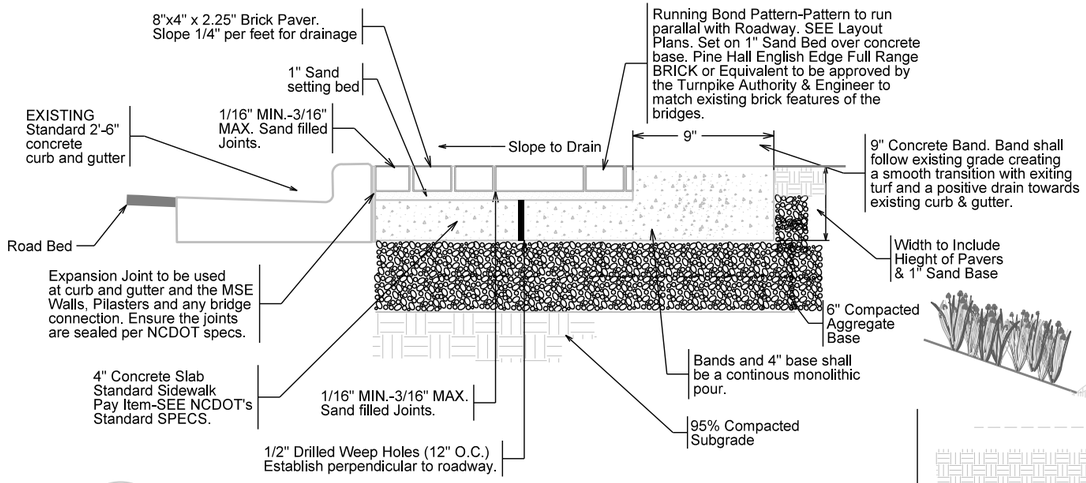
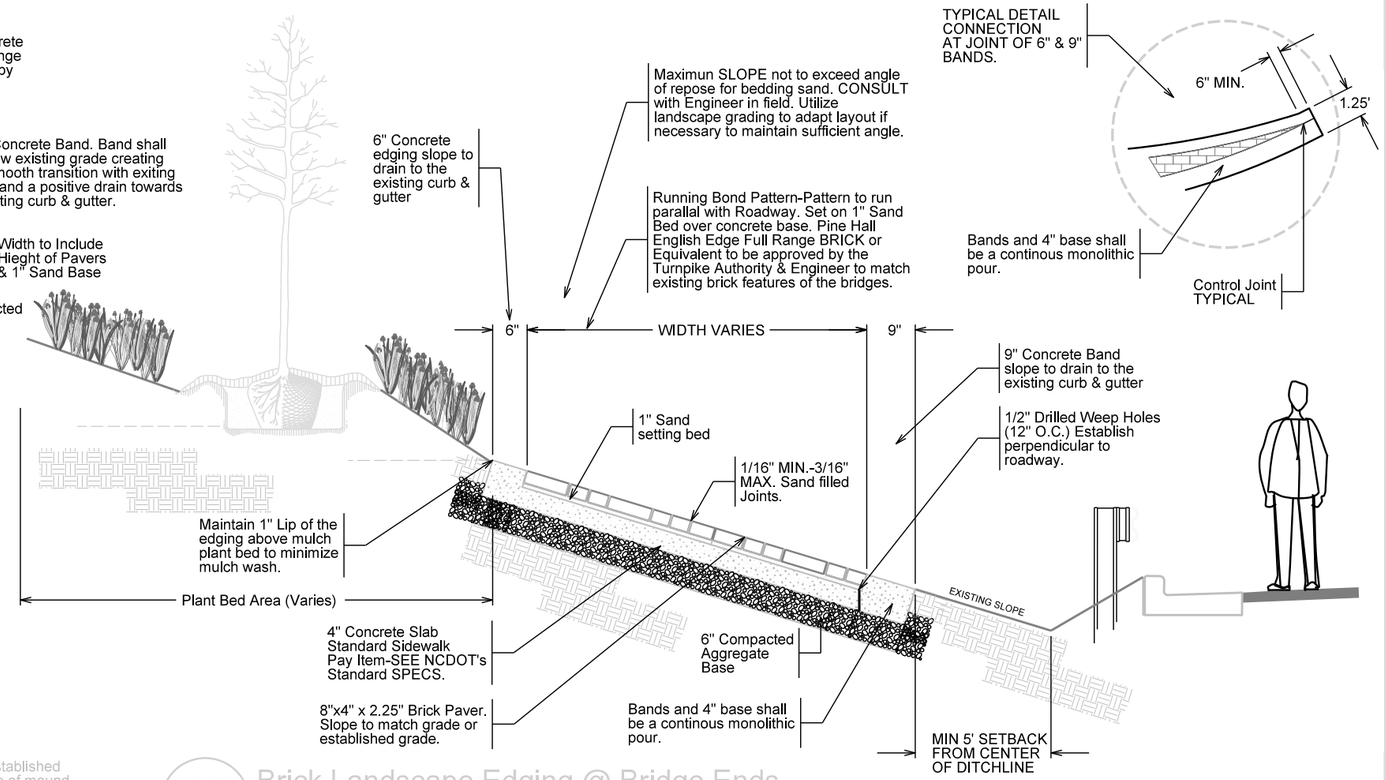


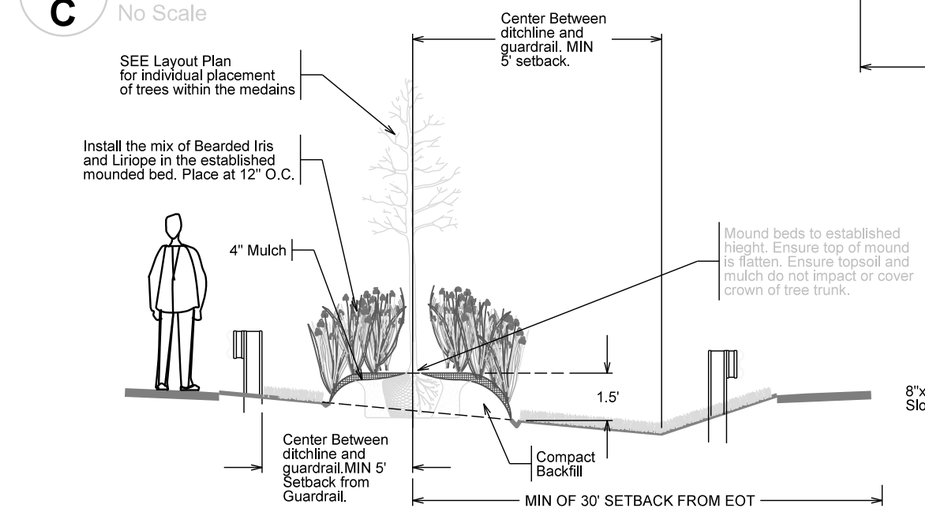
L1C **C** Brick Paver with Concrete Base (TYPICAL @ MEDIANS)

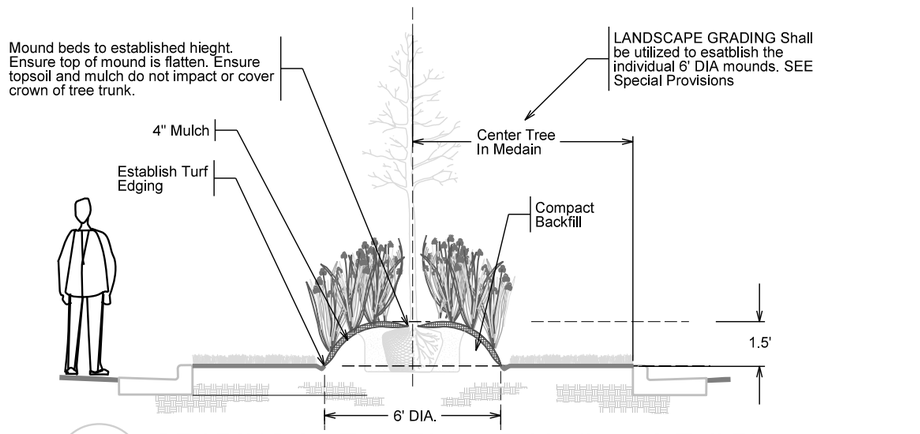
No Scale



L1C **A** Brick Landscape Edging @ Bridge Ends

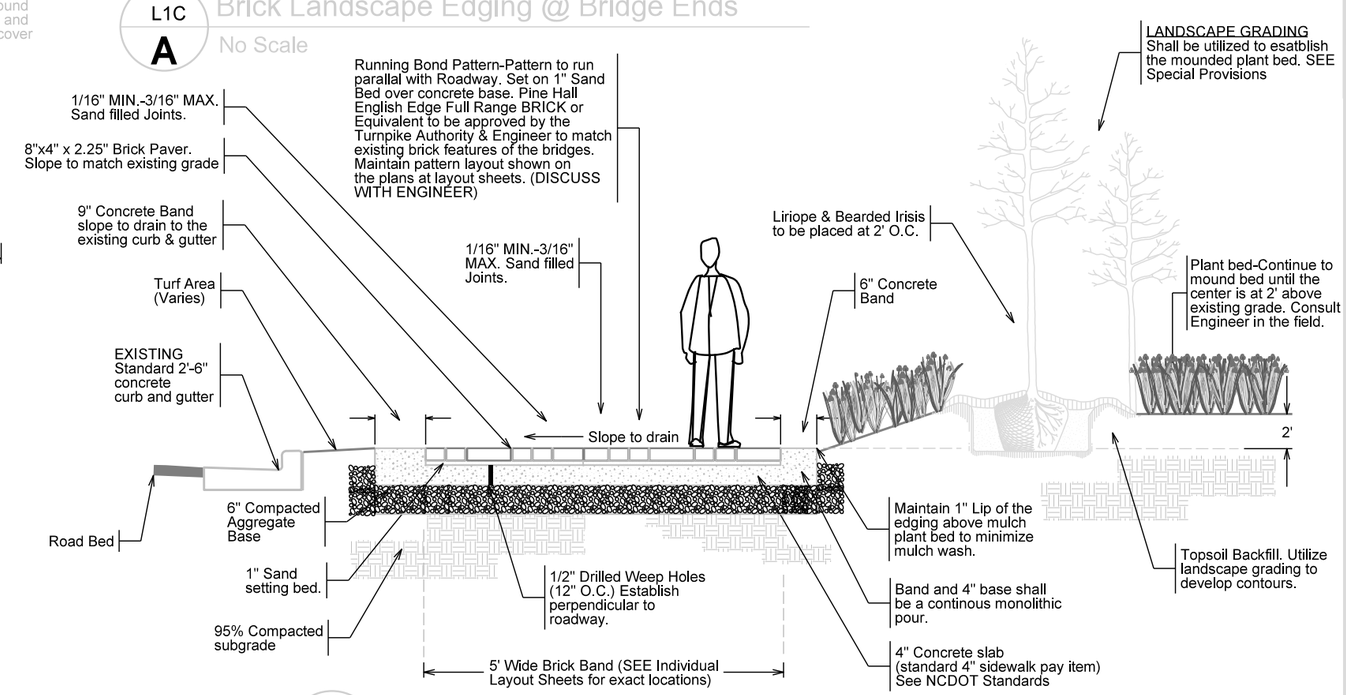
No Scale





L1C **D** GRADING for Tree Rings @ Medians & Toll Plazas

No Scale



L1C **B** Section-Brick Paver Placement @ Roundabouts

No Scale

L1C

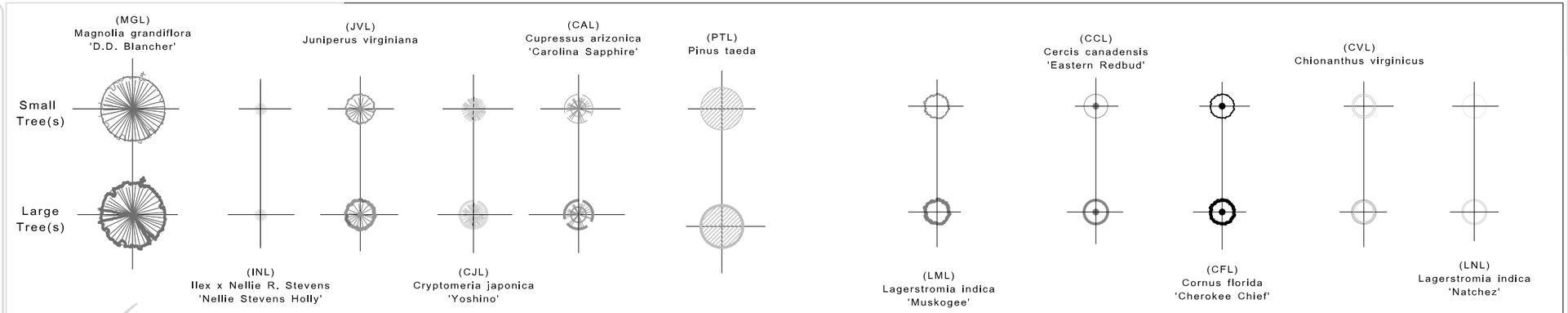
Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Roadside Details

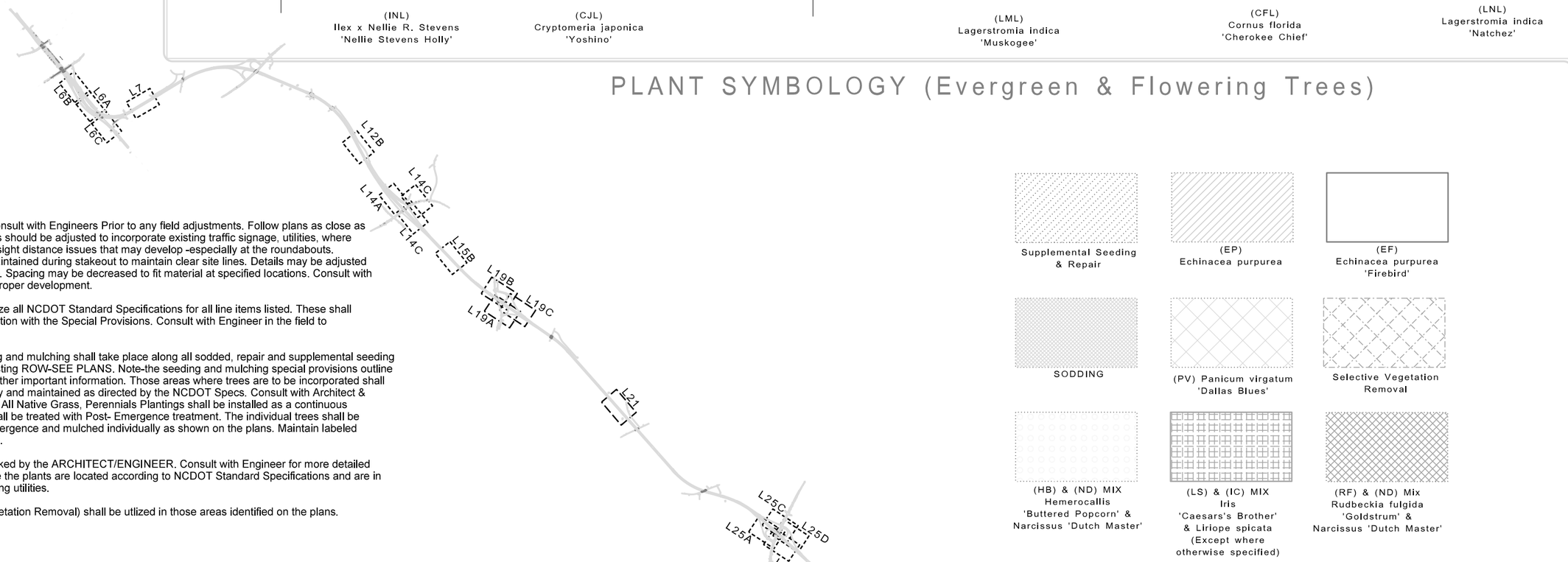
L1C

07/09/97

07/09/97



PLANT SYMBOLOGY (Evergreen & Flowering Trees)



Notes:

- Contractor Shall Consult with Engineers Prior to any field adjustments. Follow plans as close as possible. Bed layouts should be adjusted to incorporate existing traffic signage, utilities, where necessary, and any sight distance issues that may develop -especially at the roundabouts. Ensure caution is maintained during stakeout to maintain clear site lines. Details may be adjusted to accommodate site. Spacing may be decreased to fit material at specified locations. Consult with Architect to ensure proper development.

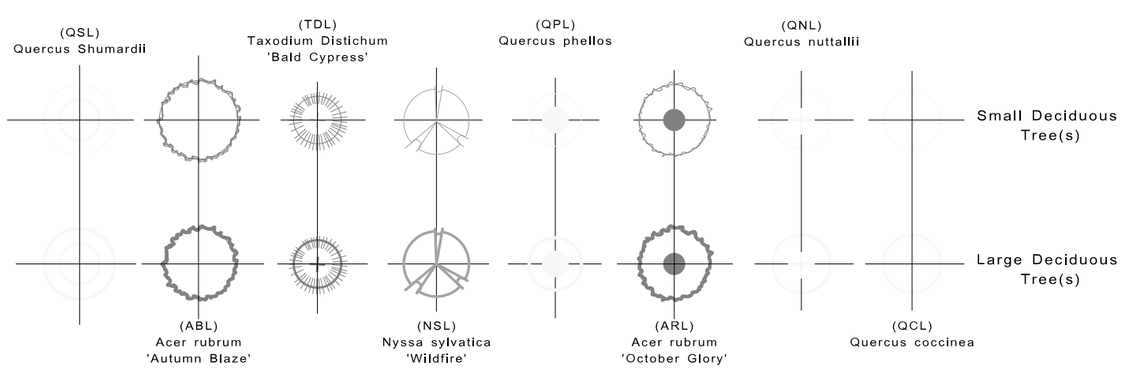
-Contractor shall utilize all NCDOT Standard Specifications for all line items listed. These shall be utilized in conjunction with the Special Provisions. Consult with Engineer in the field to maintain accuracy.

-Mowing and seeding and mulching shall take place along all sodded, repair and supplemental seeding as labeled along existing ROW-SEE PLANS. Note-the seeding and mulching special provisions outline mowing hieght and other important information. Those areas where trees are to be incorporated shall be mowed out initially and maintained as directed by the NCDOT Specs. Consult with Architect & Engineer in the field. All Native Grass, Perennials Plantings shall be installed as a continuous mulched bed and shall be treated with Post- Emergence treatment. The individual trees shall be treated with Post Emergence and mulched individually as shown on the plans. Maintain labeled diameter mulch rings.

-Trees to be field staked by the ARCHITECT/ENGINEER. Consult with Engineer for more detailed information to ensure the plants are located according to NCDOT Standard Specifications and are in no conflict with existing utilities.

-SVR (Selective Vegetation Removal) shall be utlized in those areas identified on the plans.

PLANT SYMBOLOGY (Deciduous Trees)

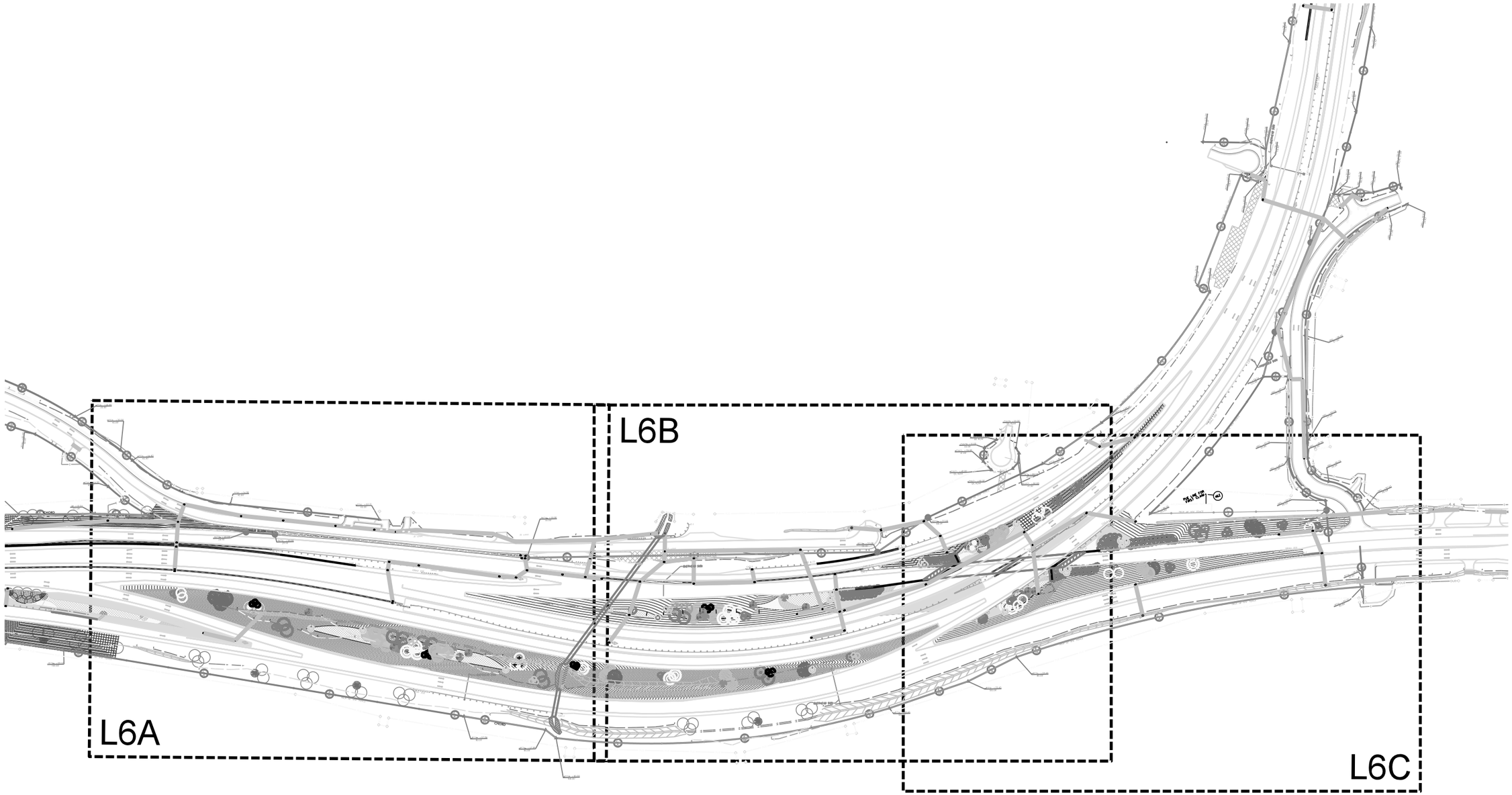


Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Sheet Layout Plan & Plant Symbology

LID

07/09/97



L6

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Sheet Layout (WEST Gateway)

L6

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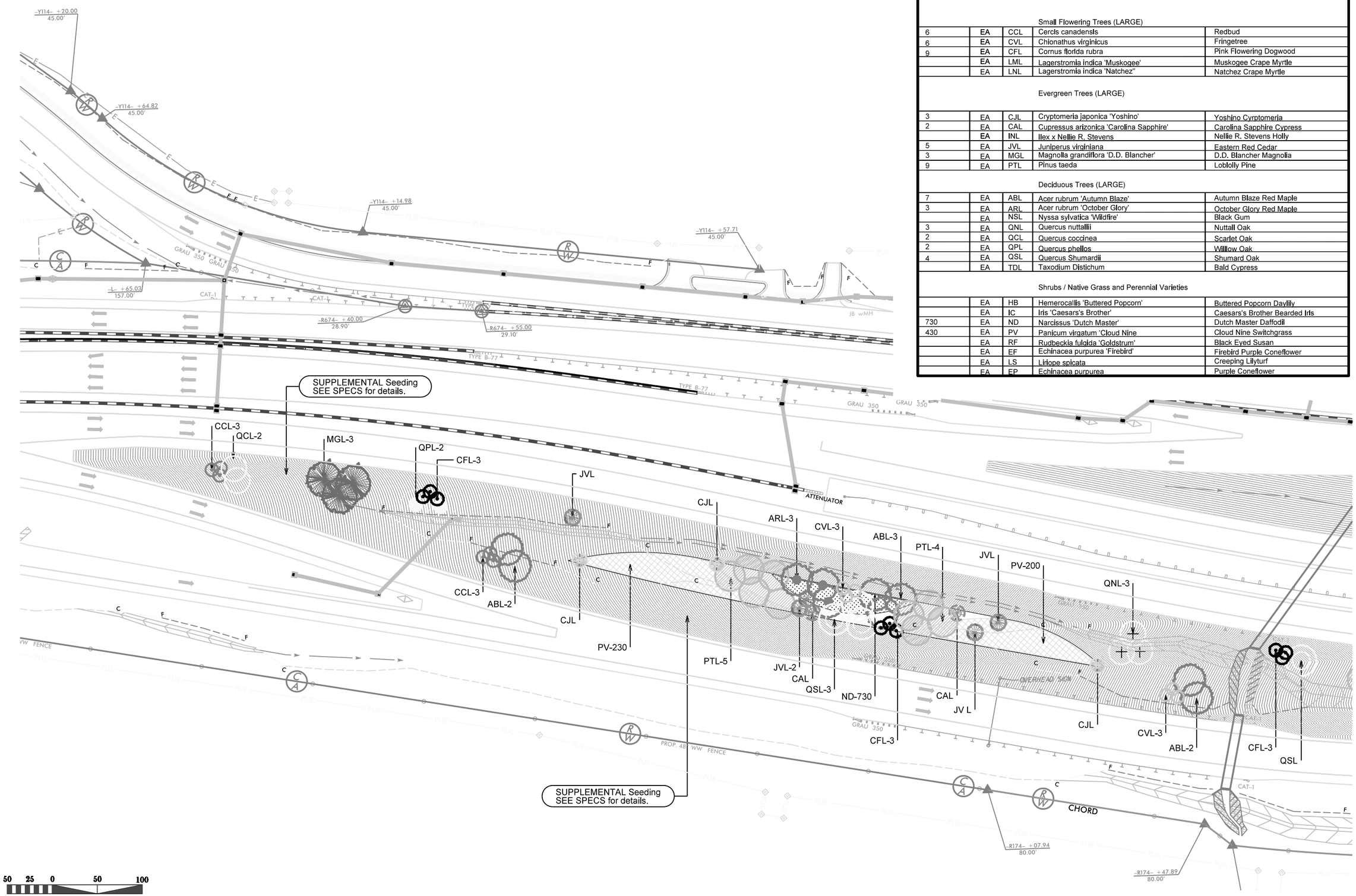
07/09/97



QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
6	EA	CCL	Cercis canadensis	Redbud
6	EA	CVL	Chionathus virginicus	Fringetree
9	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
3	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
2	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
5	EA	JVL	Juniperus virginiana	Eastern Red Cedar
3	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
9	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
7	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
3	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
3	EA	QNL	Quercus nuttallii	Nuttall Oak
2	EA	QCL	Quercus coccinea	Scarlet Oak
2	EA	QPL	Quercus phellos	Willlow Oak
4	EA	QSL	Quercus Shumardii	Shumard Oak
	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
730	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
430	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
	EA	LS	Liriope spicata	Creeping Lilyturf
	EA	EP	Echinacea purpurea	Purple Coneflower

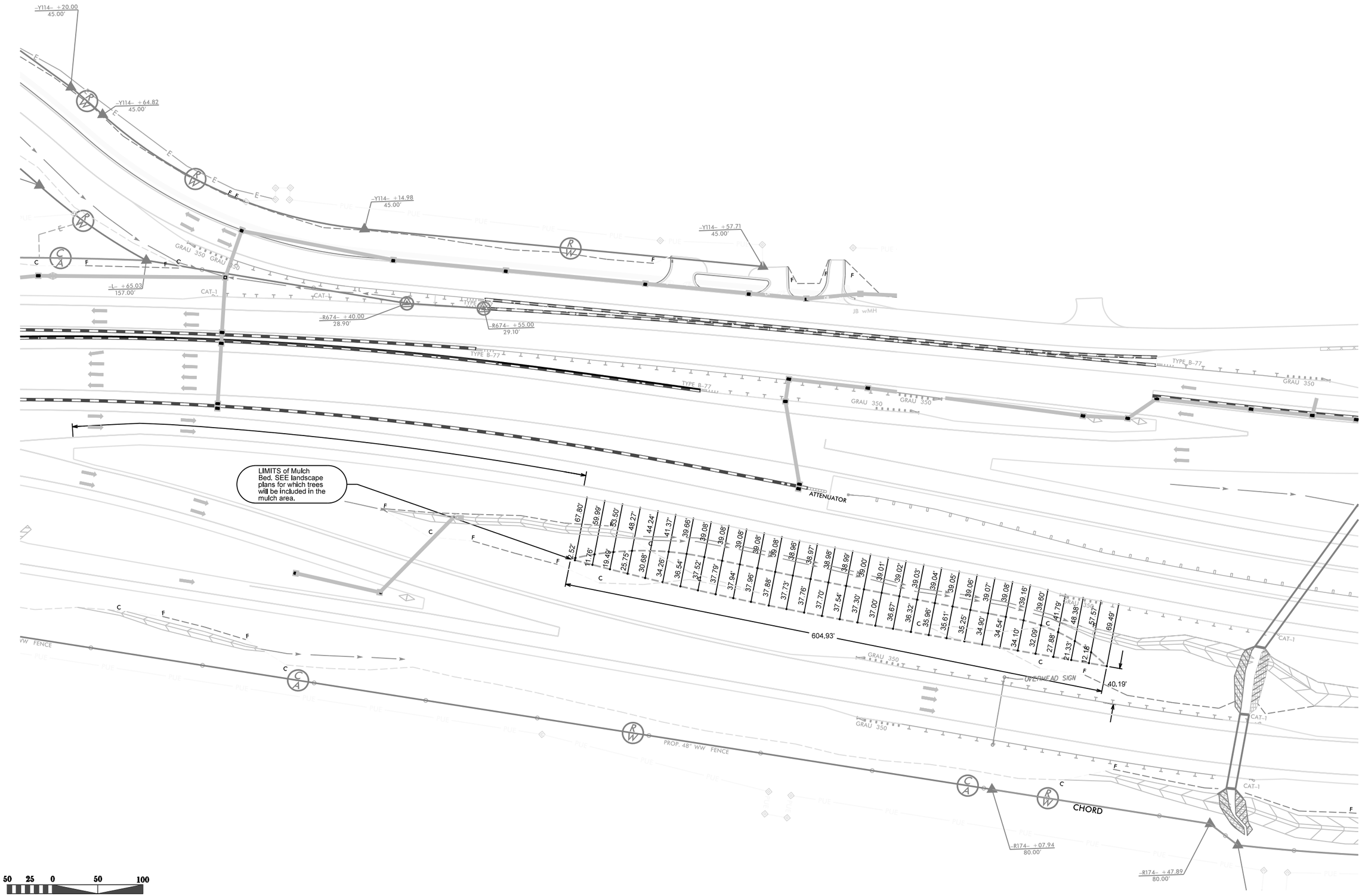
L6A

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L6A

07/09/97



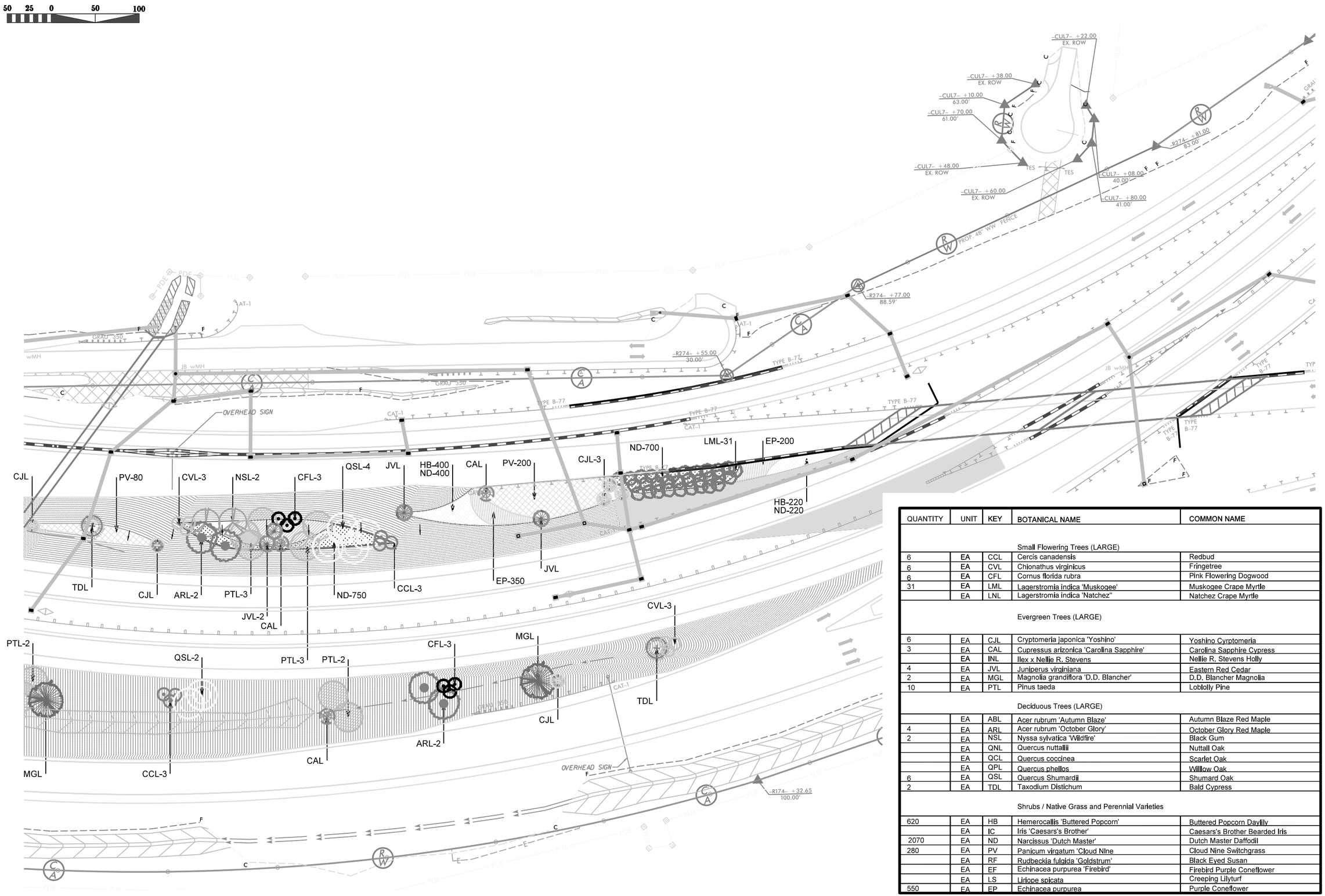
L6A-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

L6A-L

07/09/97



QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
6	EA	CCL	Cercis canadensis	Redbud
6	EA	CVL	Chionathus virginicus	Fringetree
6	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
31	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
6	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
3	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
4	EA	JVL	Juniperus virginiana	Eastern Red Cedar
2	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
10	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
4	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
2	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
	EA	QNL	Quercus nuttallii	Nuttall Oak
	EA	QCL	Quercus coccinea	Scarlet Oak
	EA	QPL	Quercus phellos	Willlow Oak
6	EA	QSL	Quercus Shumardii	Shumard Oak
2	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
620	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
2070	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
280	EA	PV	Panicum virgatum 'Cloud Nlne	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
	EA	LS	Liriope spicata	Creeping Lilyturf
550	EA	EP	Echinacea purpurea	Purple Coneflower

L6B

Monroe Expressway Enhancements & Aesthetics
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Landscape Plan

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LIMITS of Mulch Bed. SEE landscape plans for which trees will be included in the mulch area.

Maintain a MIN of 5' from plant bed to the ditchline. SEE L1B details.

-CUL7- +22.00
EX. ROW

-CUL7- +38.00
EX. ROW

-CUL7- +10.00
63.00'

-CUL7- +70.00
61.00'

-CUL7- +48.00
EX. ROW

-CUL7- +60.00
EX. ROW

-CUL7- +08.00
40.00'

-CUL7- +80.00
41.00'

-R274- +81.00
83.00'

-R274- +77.00
88.59'

-R274- +55.00
30.00'

-R174- +32.65
100.00'

PROP. 48" WW FENCE

OVERHEAD SIGN

TYPE B-77

CAT-1

GRAU 350

JB wMH

wMH

PDE

PUE

224.24'

27.61'

20' Typical

10.55'

30.27'

31.25'

14.10'

L6B-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

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Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

L6B-L

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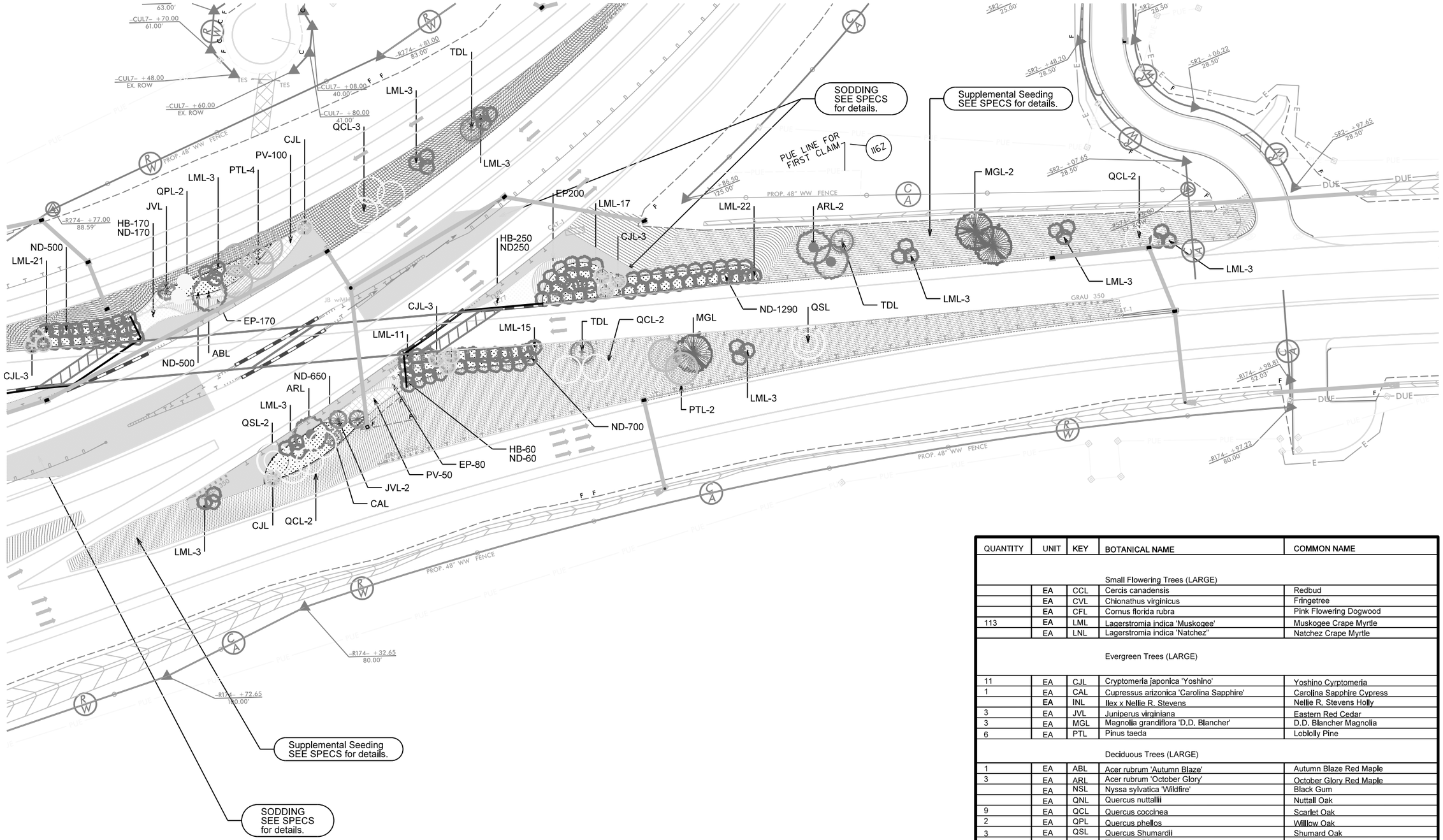

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
113	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
11	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
1	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
3	EA	JVL	Juniperus virginiana	Eastern Red Cedar
3	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
6	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
1	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
3	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
	EA	QNL	Quercus nuttallii	Nuttall Oak
9	EA	QCL	Quercus coccinea	Scarlet Oak
2	EA	QPL	Quercus phellos	Willlow Oak
3	EA	QSL	Quercus Shumardii	Shumard Oak
3	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
480	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
4120	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
150	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
	EA	LS	Liriope spicata	Creeping Lillyturf
450	EA	EP	Echinacea purpurea	Purple Coneflower

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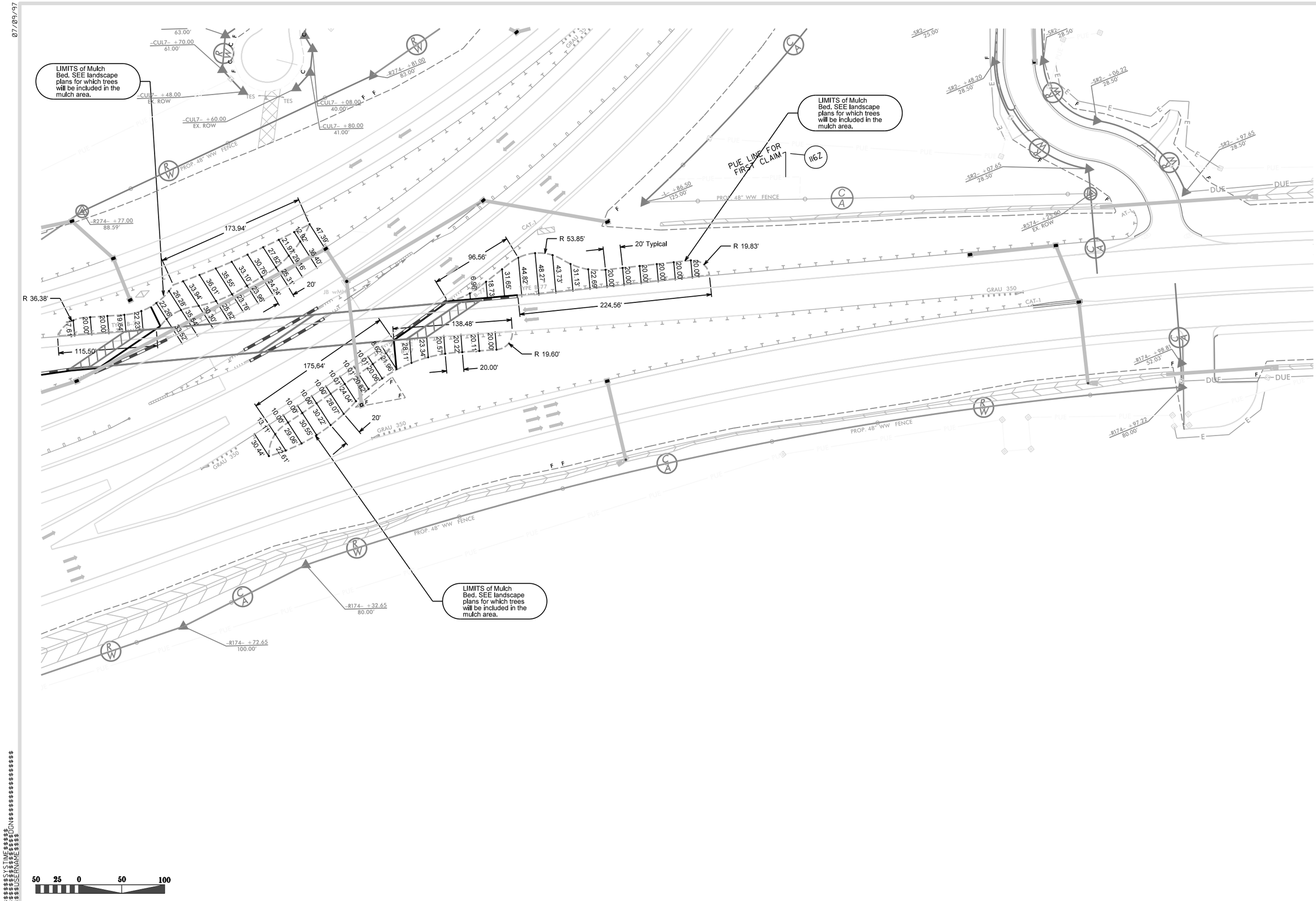
L6C

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L6C



L6C-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

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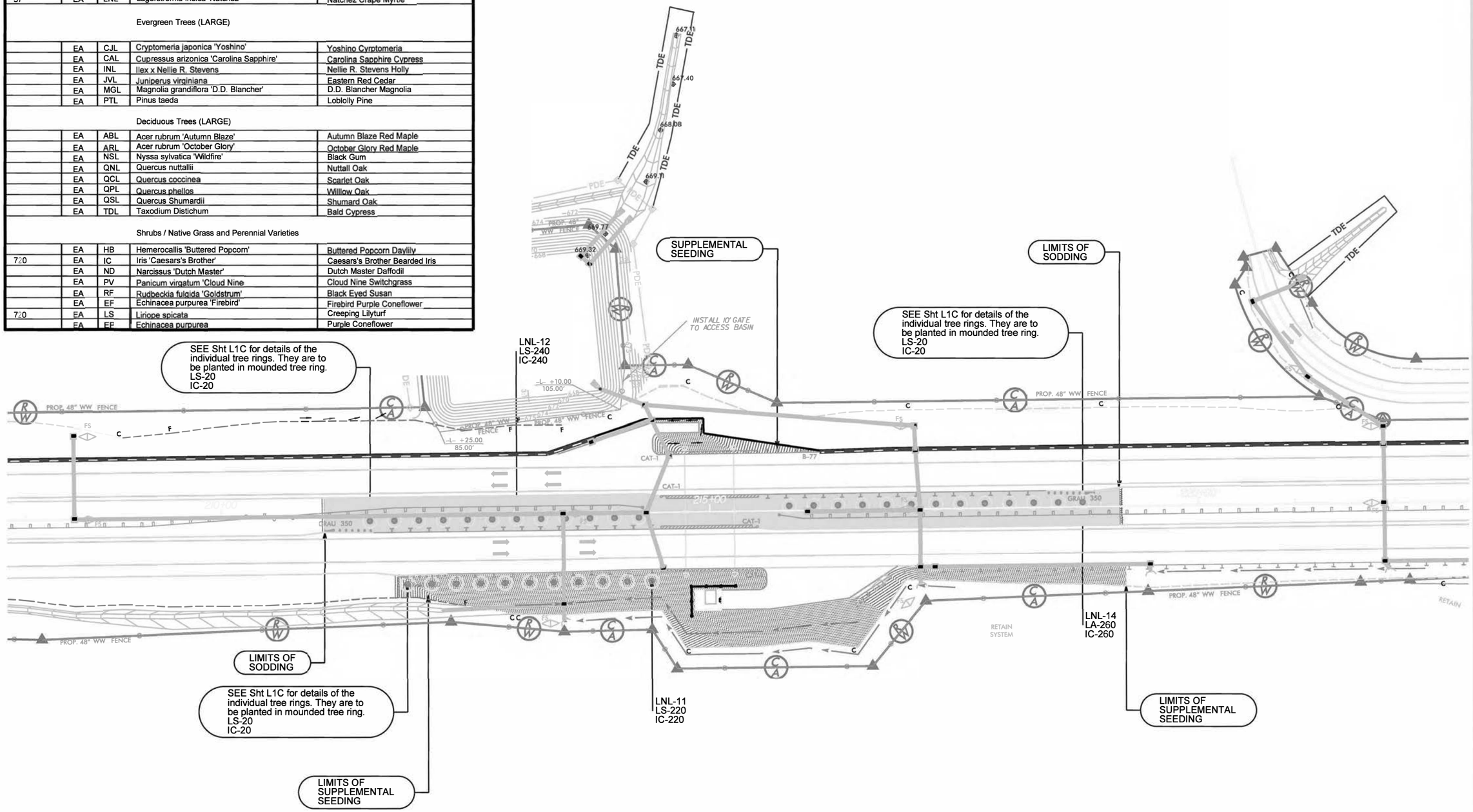
QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
37	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
	EA	JVL	Juniperus virginiana	Eastern Red Cedar
	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
	EA	QNL	Quercus nuttallii	Nuttall Oak
	EA	QCL	Quercus coccinea	Scarlet Oak
	EA	QPL	Quercus phellos	Willow Oak
	EA	QSL	Quercus Shumardii	Shumard Oak
	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
720	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
720	EA	LS	Liriope spicata	Creeping Lilyturf
	EA	EP	Echinacea purpurea	Purple Coneflower

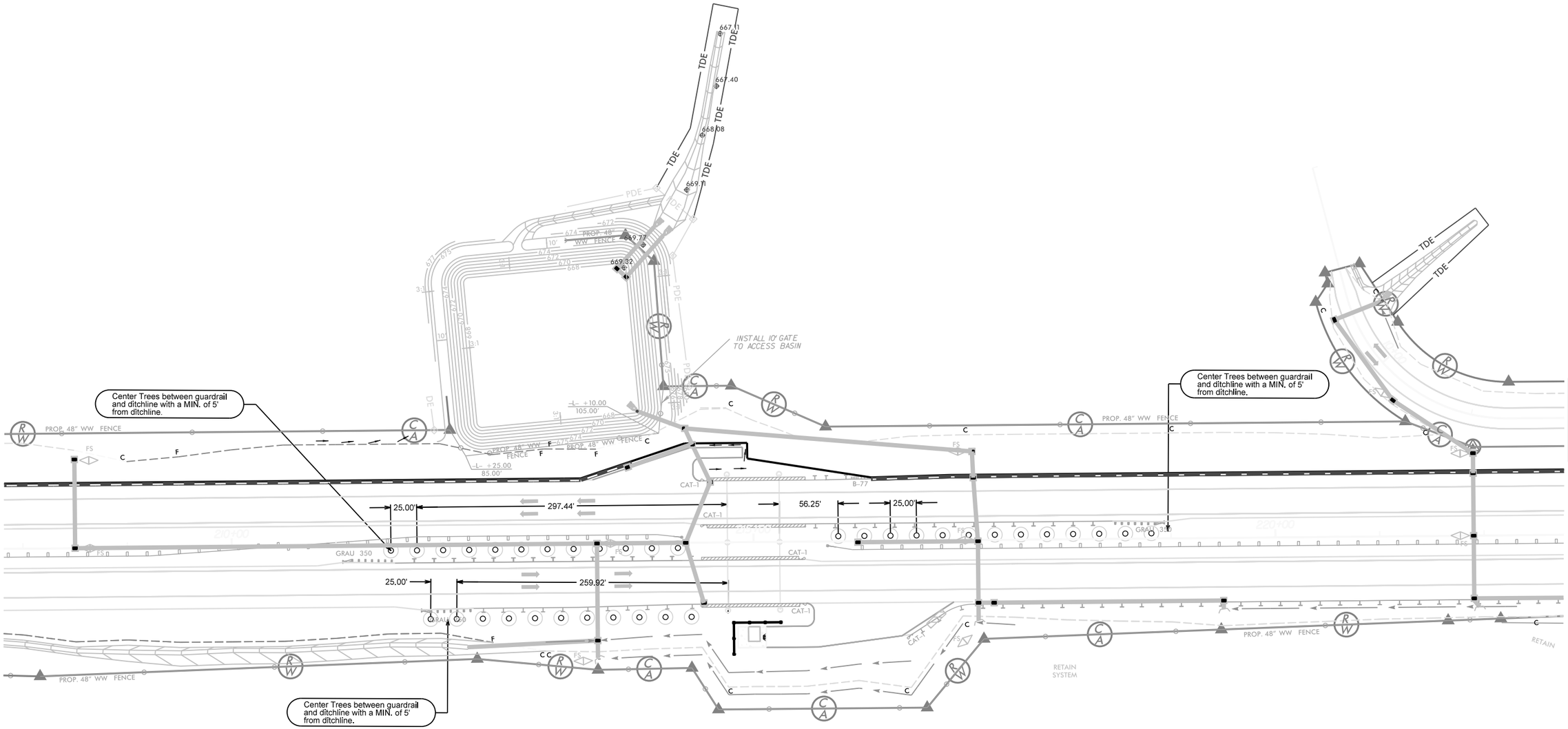


Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L7

07/09/97



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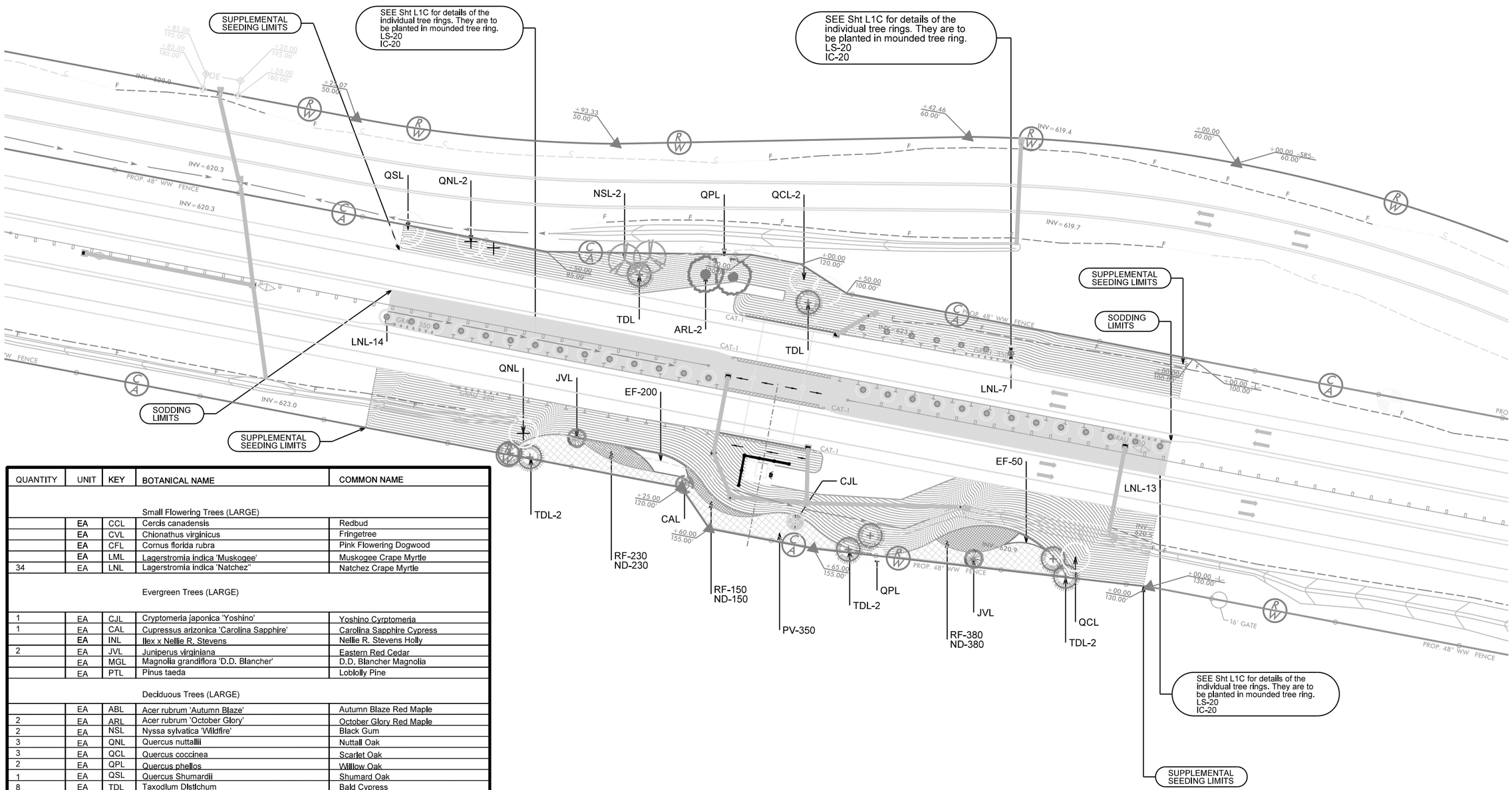
L7-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

L7-L



QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
34	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
1	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
1	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
2	EA	JVL	Juniperus virginiana	Eastern Red Cedar
	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
2	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
2	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
3	EA	QNL	Quercus nuttallii	Nuttall Oak
3	EA	QCL	Quercus coccinea	Scarlet Oak
2	EA	QPL	Quercus phellos	Willow Oak
1	EA	QSL	Quercus Shumardii	Shumard Oak
8	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
680	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
760	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
350	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
760	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
250	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
680	EA	LS	Liriope spicata	Creeping Lilyturf
	EA	EP	Echinacea purpurea	Purple Coneflower

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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L12

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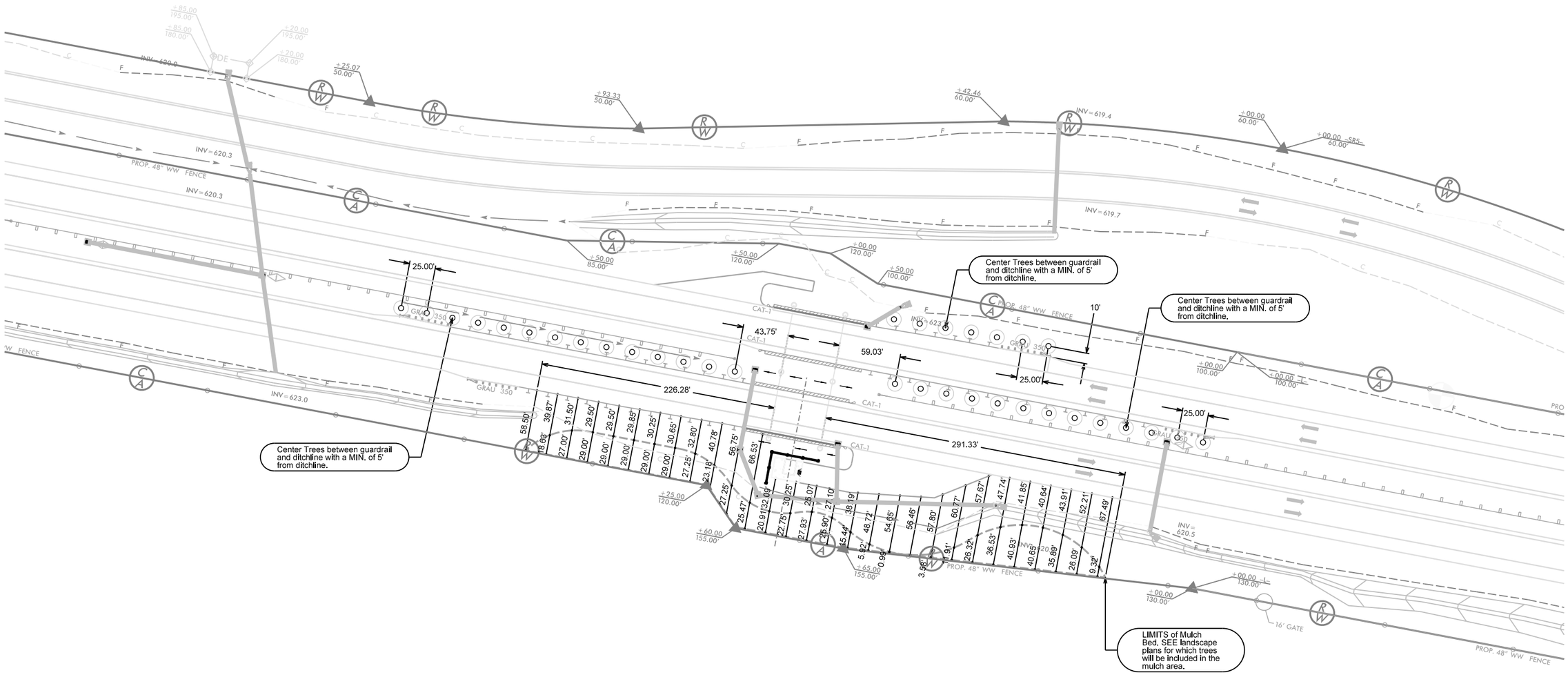

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L12-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

L12-L

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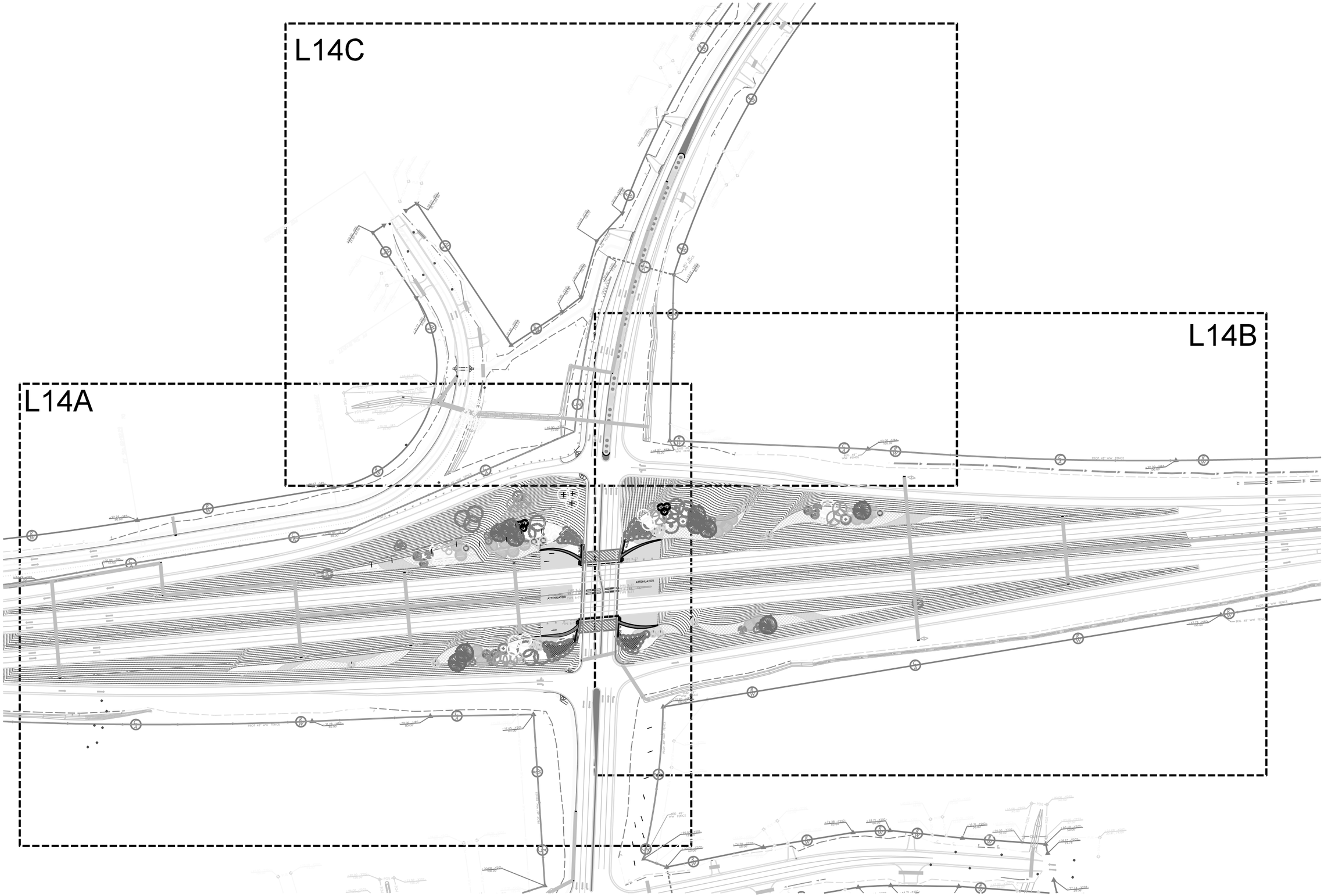

L14

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Sheet Layout

L14

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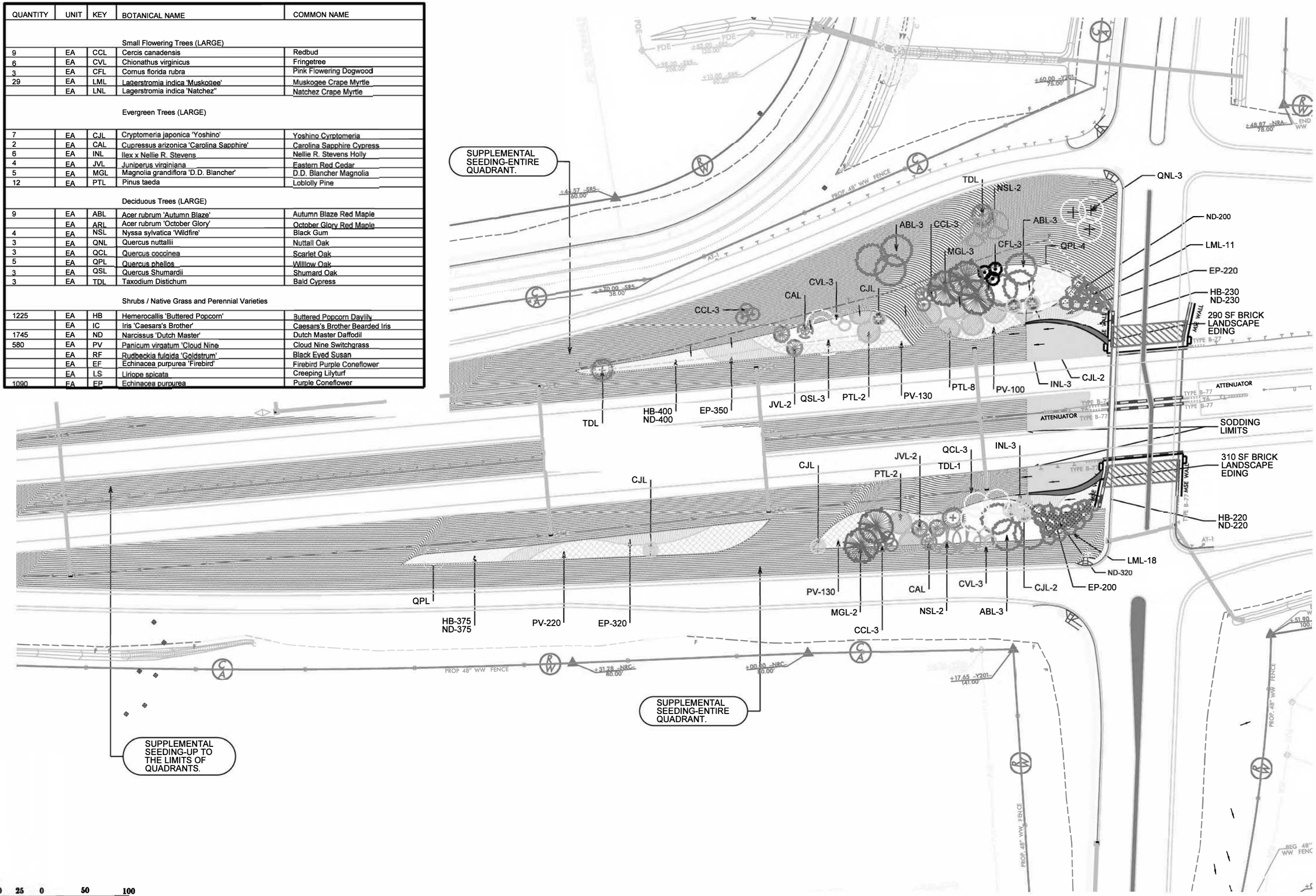
QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
9	EA	CCL	Cercis canadensis	Redbud
6	EA	CVL	Chionathus virginicus	Fringetree
3	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
29	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
7	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
2	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
6	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
4	EA	JVL	Juniperus virginiana	Eastern Red Cedar
5	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
12	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
9	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
4	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
3	EA	QNL	Quercus nuttallii	Nuttall Oak
3	EA	QCL	Quercus coccinea	Scarlet Oak
5	EA	QPL	Quercus phellos	Willow Oak
3	EA	QSL	Quercus Shumardii	Shumard Oak
3	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
1225	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
1745	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
580	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
	EA	LS	Liriope spicata	Creeping Lilyturf
1090	EA	EP	Echinacea purpurea	Purple Coneflower



L14A

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County/s
US 74 Bypass, North Carolina

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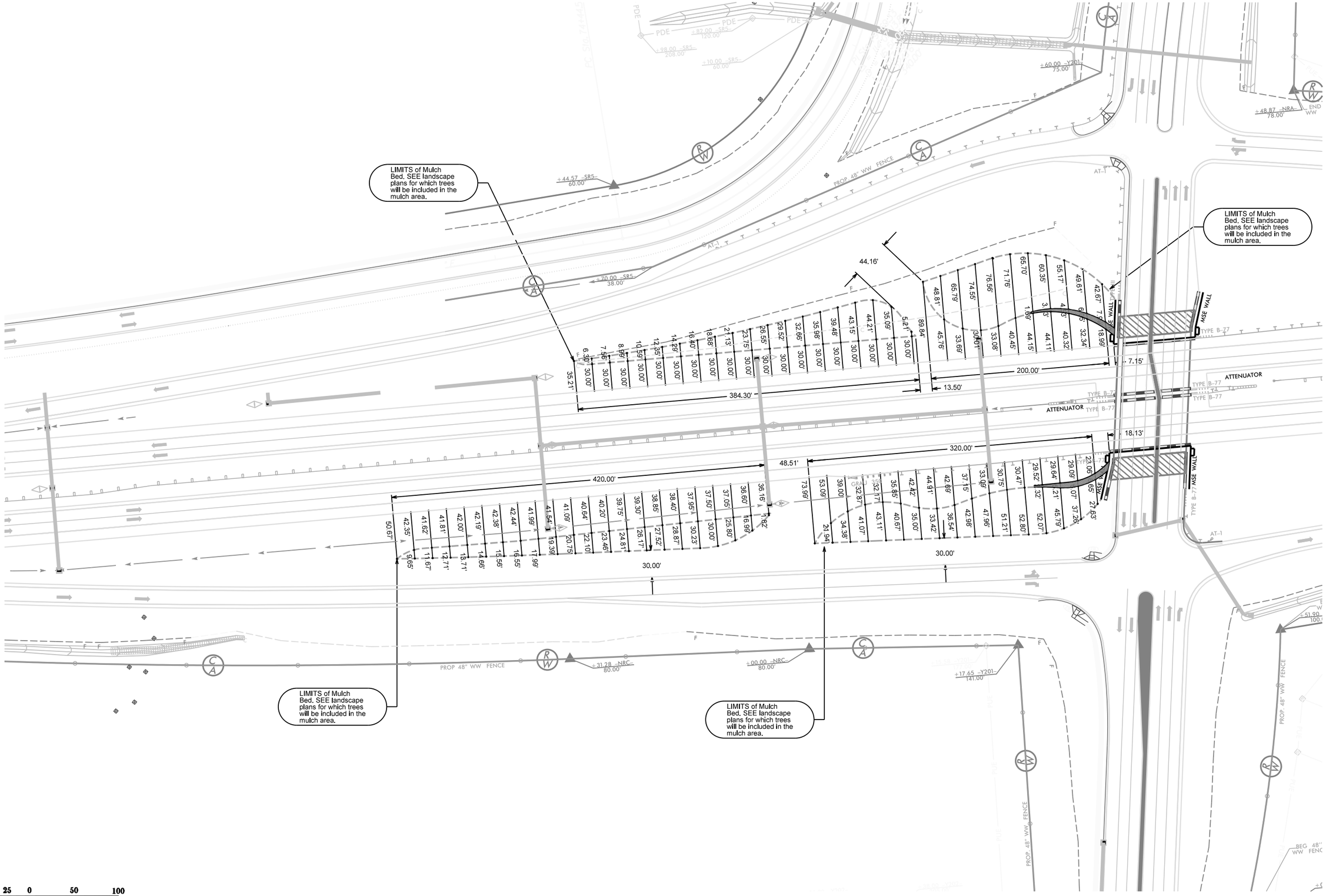
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L14A



L14A-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

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Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

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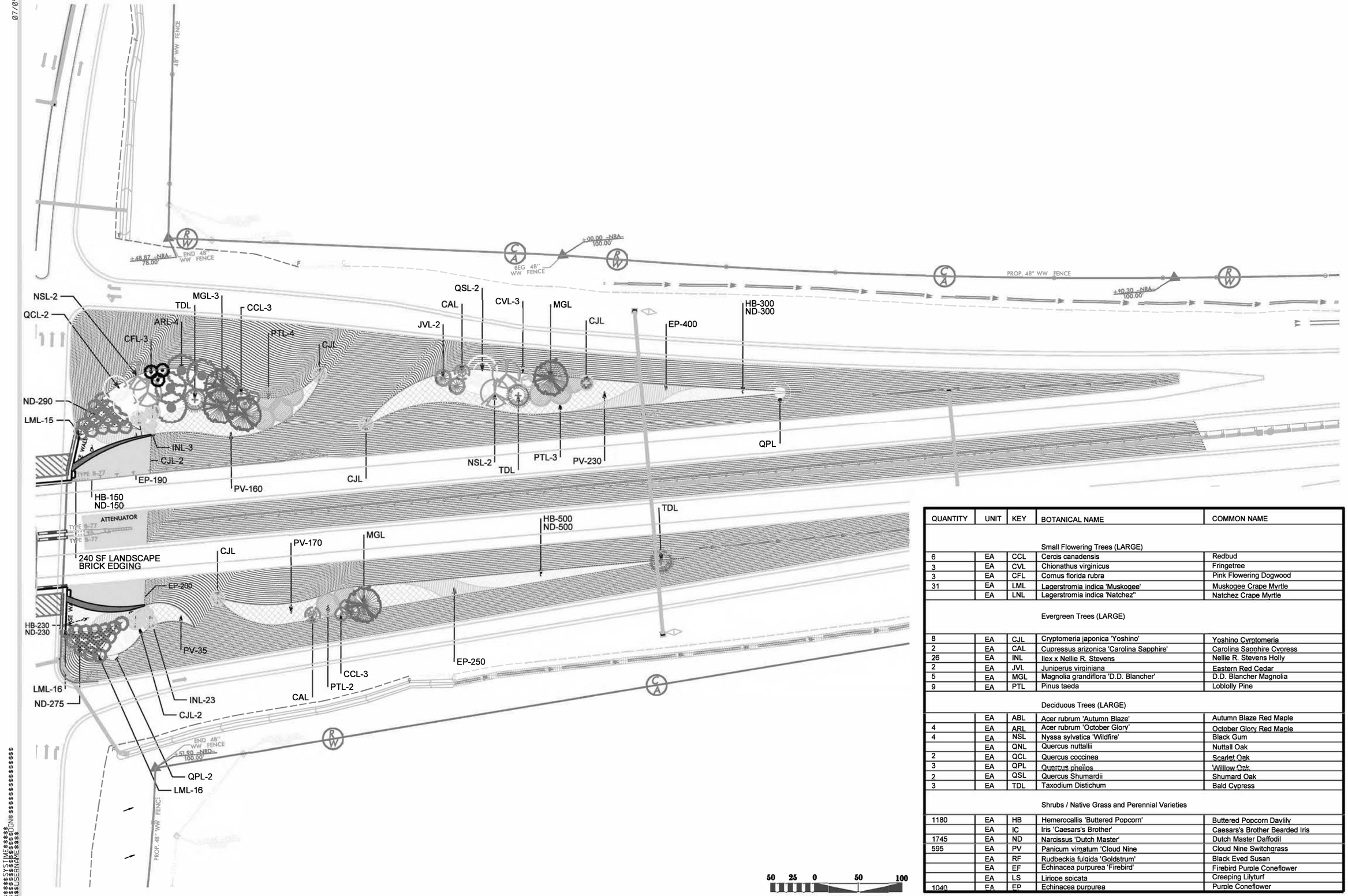

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
6	EA	CCL	Cercis canadensis	Redbud
3	EA	CVL	Chionathus virginicus	Fringetree
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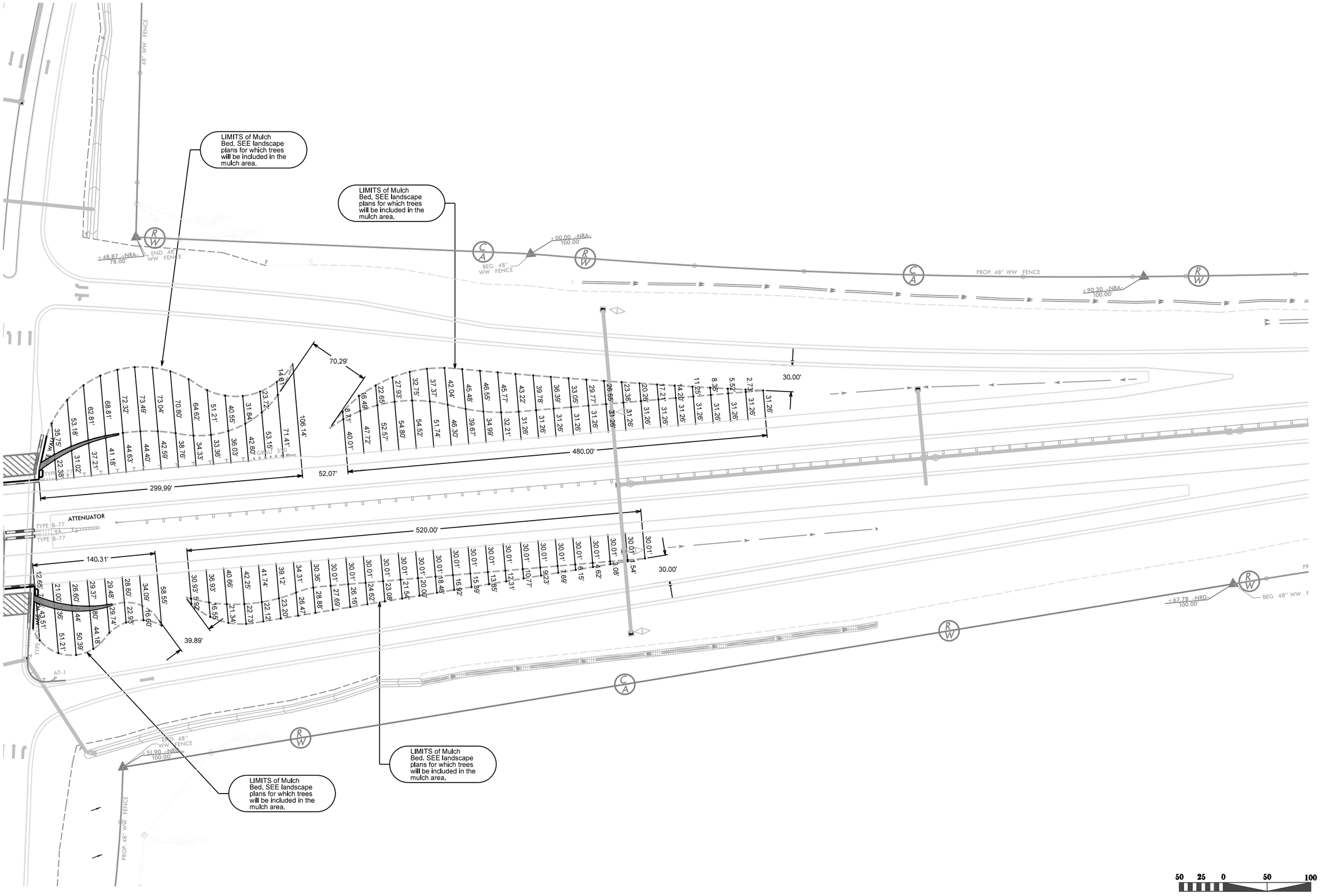
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
8	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
2	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
26	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
2	EA	JVL	Juniperus virginiana	Eastern Red Cedar
5	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
9	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
4	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
4	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
	EA	QNL	Quercus nuttallii	Nuttall Oak
2	EA	QCL	Quercus coccinea	Scarlet Oak
3	EA	QPL	Quercus phellos	Willow Oak
2	EA	QSL	Quercus Shumardii	Shumard Oak
3	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
1180	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
1745	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
595	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
	EA	LS	Liriope spicata	Creeping Lilyturf
1040	EA	EP	Echinacea purpurea	Purple Coneflower

L14B

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L14B



L14B-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

L14B-L

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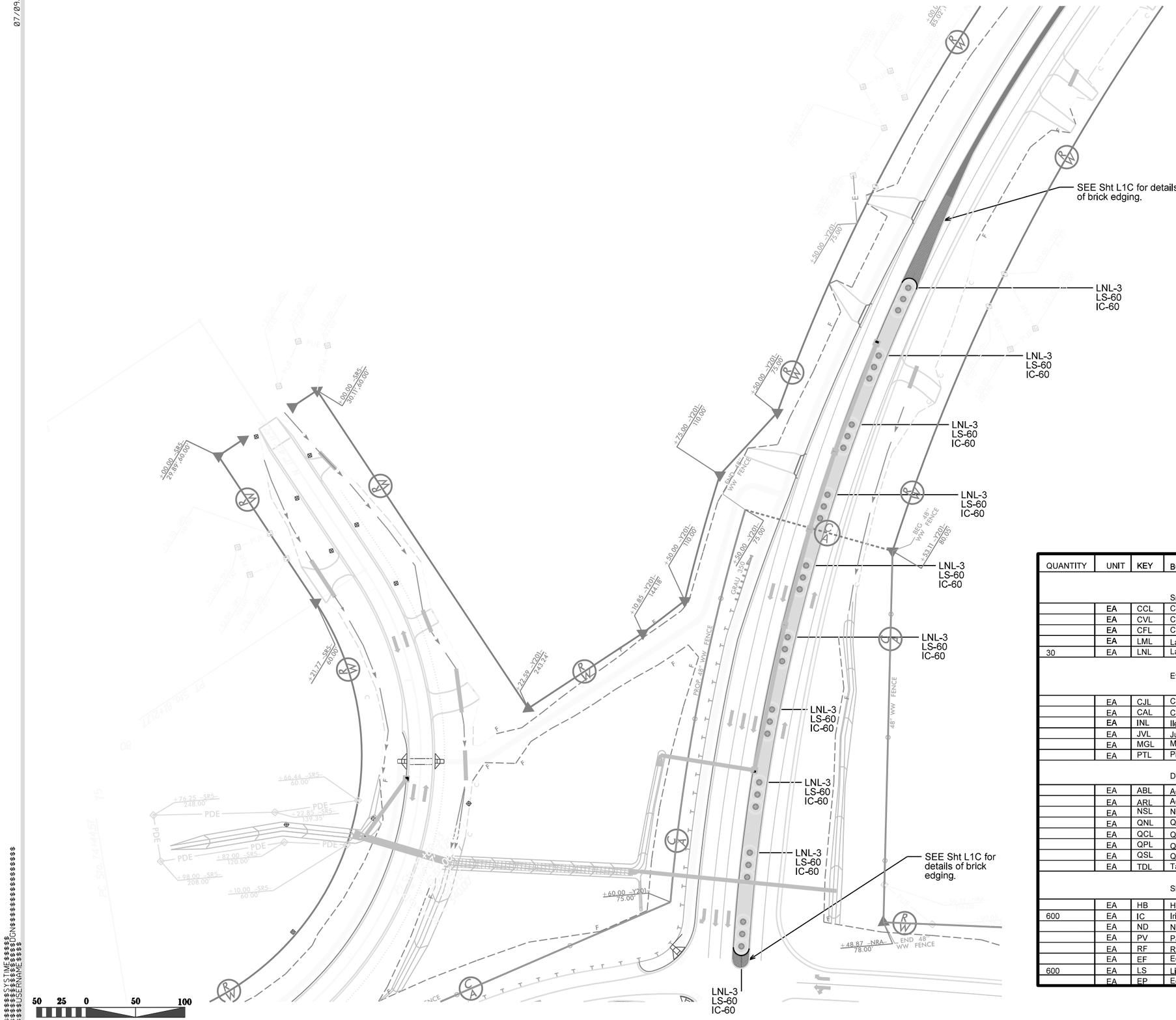


QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
30	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
	EA	JVL	Juniperus virginiana	Eastern Red Cedar
	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
	EA	QNL	Quercus nuttallii	Nuttall Oak
	EA	QCL	Quercus coccinea	Scarlet Oak
	EA	QPL	Quercus phellos	Willlow Oak
	EA	QSL	Quercus Shumardll	Shumard Oak
	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
600	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
600	EA	LS	Liriope spicata	Creeping Lilyturf
	EA	EP	Echinacea purpurea	Purple Coneflower

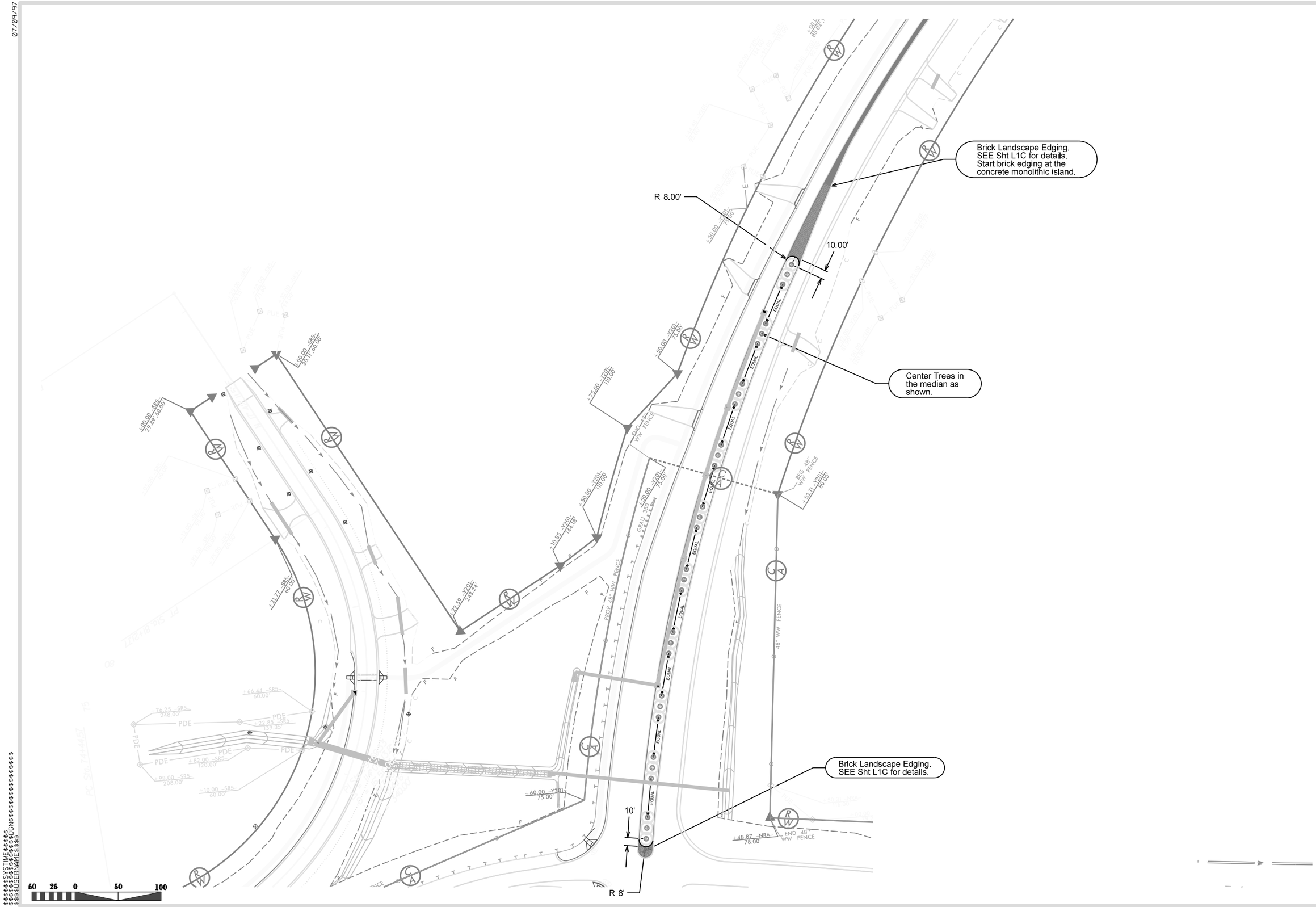
L14C

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L14C

07/09/97



L14C-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

L14C-L

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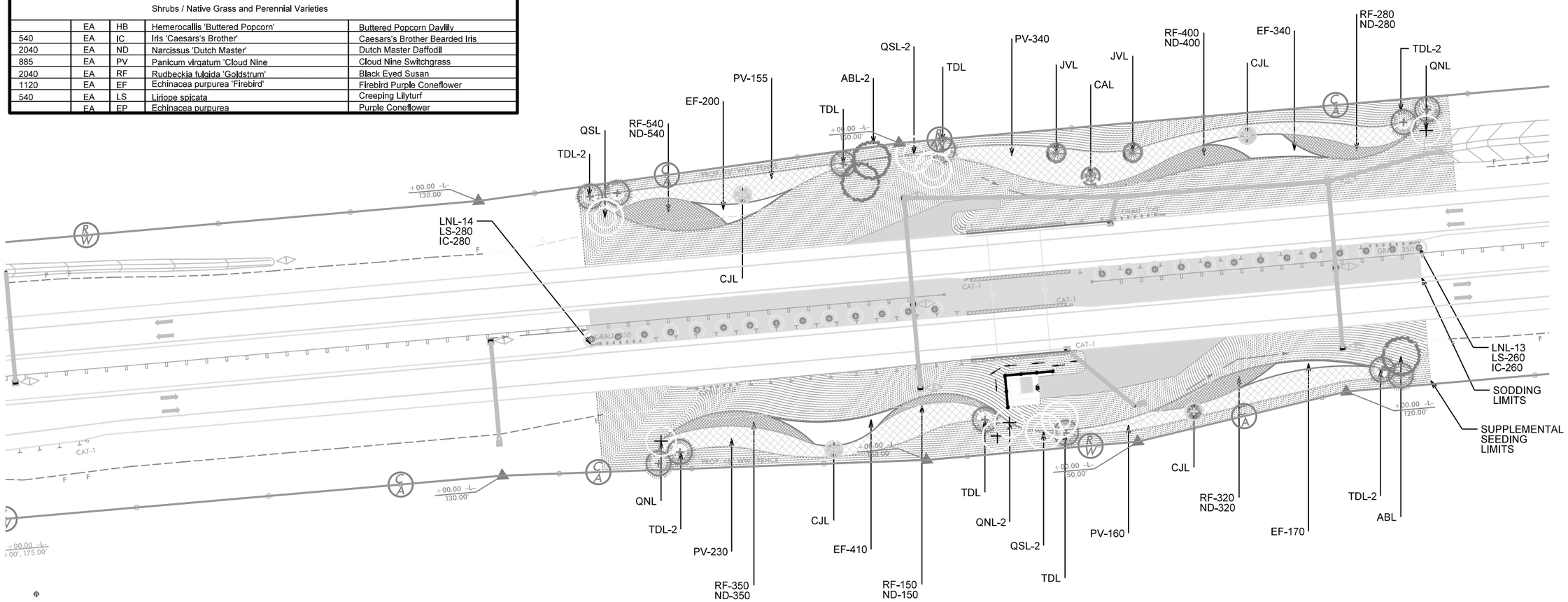
QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
27	EA	LNL	Lagerstromia indica 'Natchez''	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
4	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
1	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
2	EA	JVL	Juniperus virginiana	Eastern Red Cedar
	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
3	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
4	EA	QNL	Quercus nuttallii	Nuttall Oak
	EA	QCL	Quercus coccinea	Scarlet Oak
	EA	QPL	Quercus phellos	Willlow Oak
5	EA	QSL	Quercus Shumardii	Shumard Oak
12	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
540	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
2040	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
885	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
2040	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
1120	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
540	EA	LS	Liriope spicata	Creeping Lilyturf
	EA	EP	Echinacea purpurea	Purple Coneflower



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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

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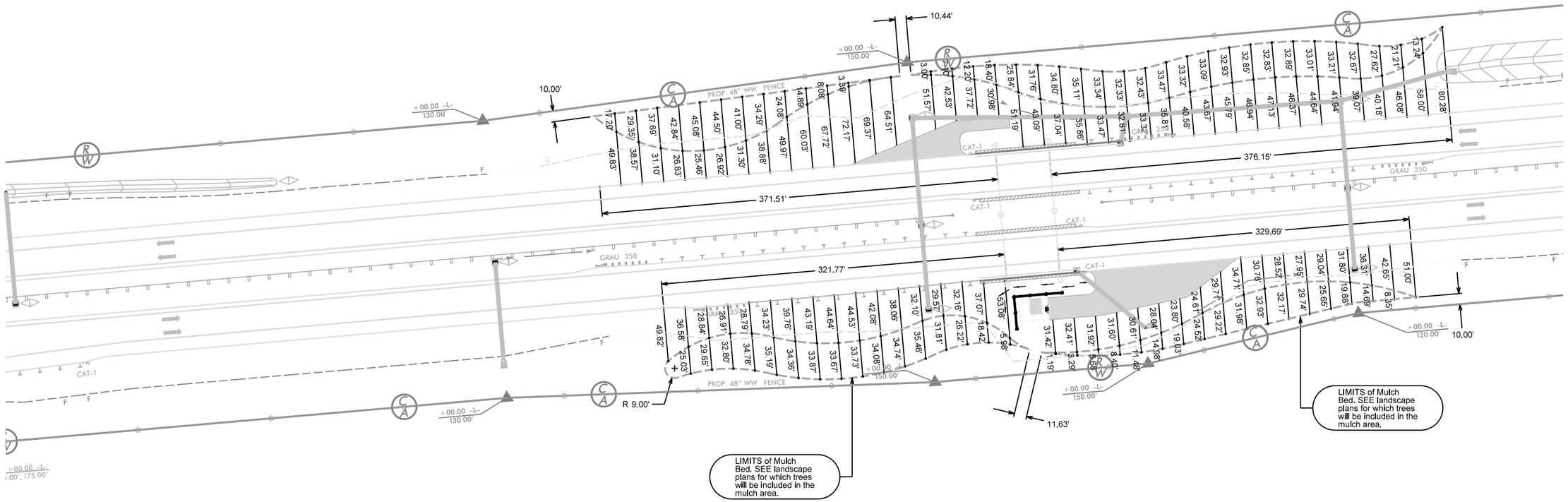

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L15-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

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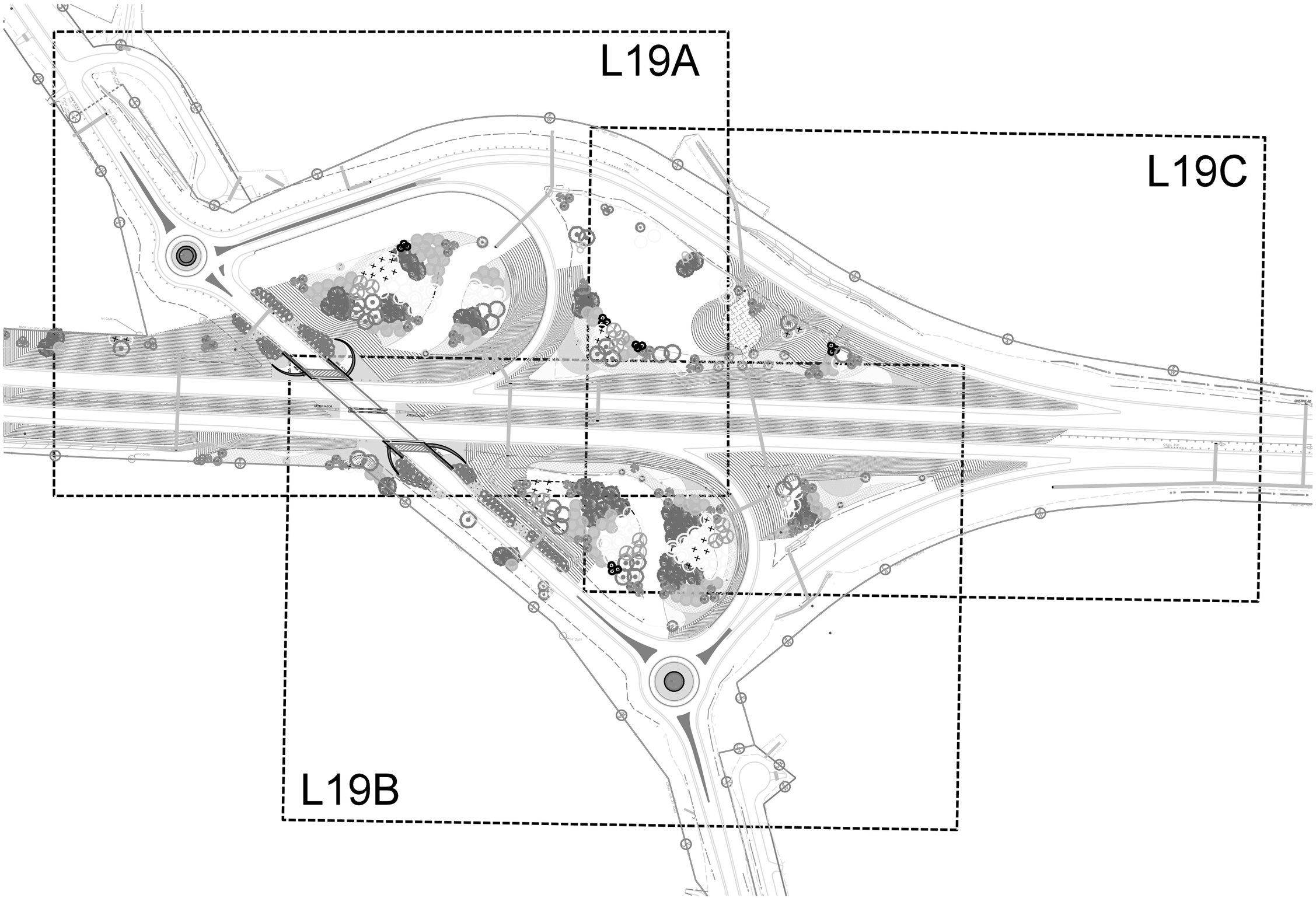

SHEET NO.
L19

PROJECT REF. NO.

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Sheet Layout

L19

07/09/97

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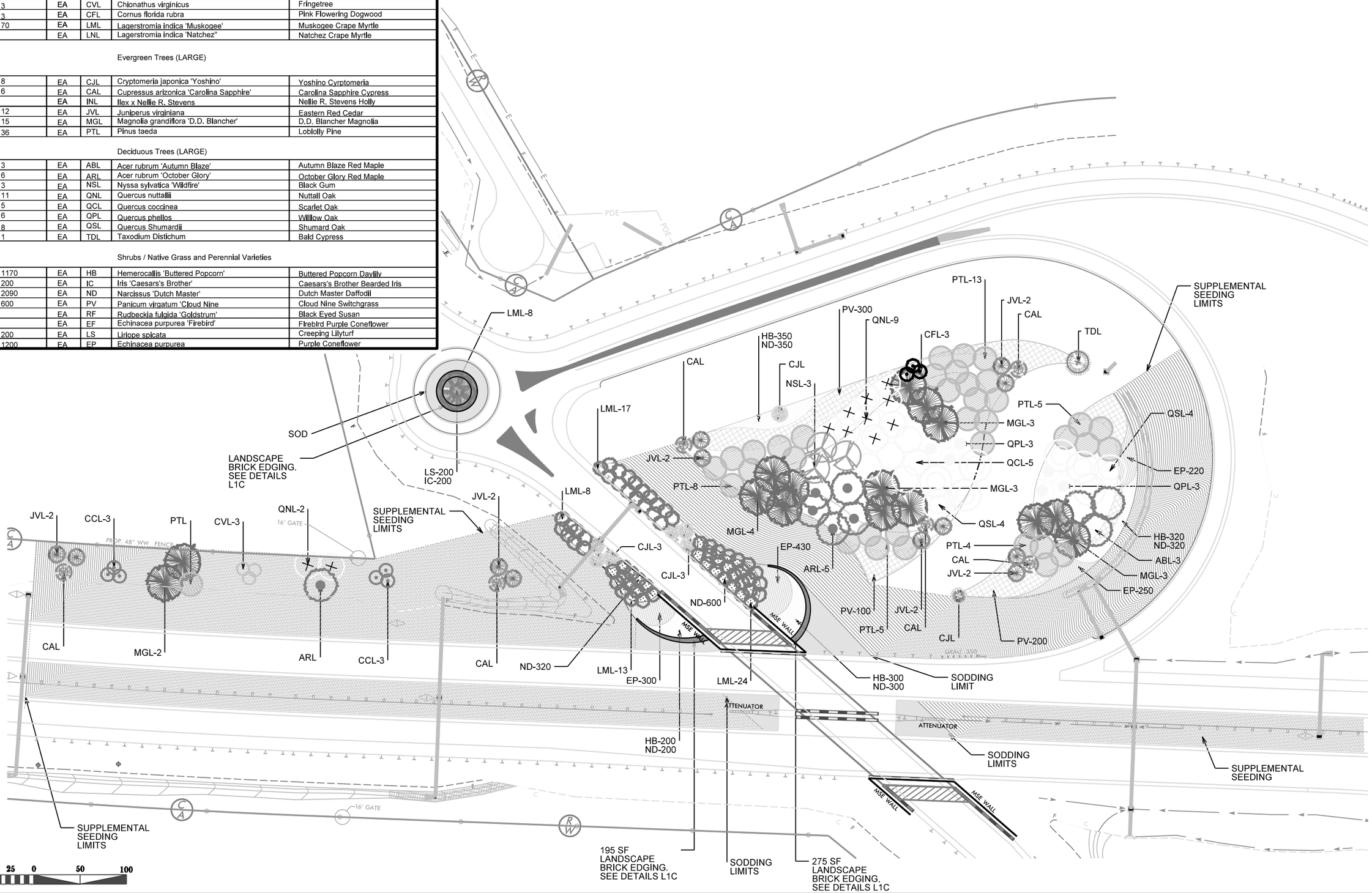
$$$$$DGN$$$$$
$$$$$USERNAME$$$$$

07/09/97

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
6	EA	CCL	Cercis canadensis	Redbud
3	EA	CVL	Chionathus virginicus	Fringetree
3	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
70	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
8	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
6	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
12	EA	JVL	Juniperus virginiana	Eastern Red Cedar
15	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
36	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
3	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
6	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
3	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
11	EA	QNL	Quercus nuttallii	Nuttall Oak
5	EA	QCL	Quercus coccinea	Scarlet Oak
6	EA	QPL	Quercus phellos	Willlow Oak
8	EA	QSL	Quercus Shumardii	Shumard Oak
1	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
1170	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
200	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
2090	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
600	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
200	EA	LS	Liriope spicata	Creeping Lilyturf
1200	EA	EP	Echinacea purpurea	Purple Coneflower



L19A

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Layout

L19A

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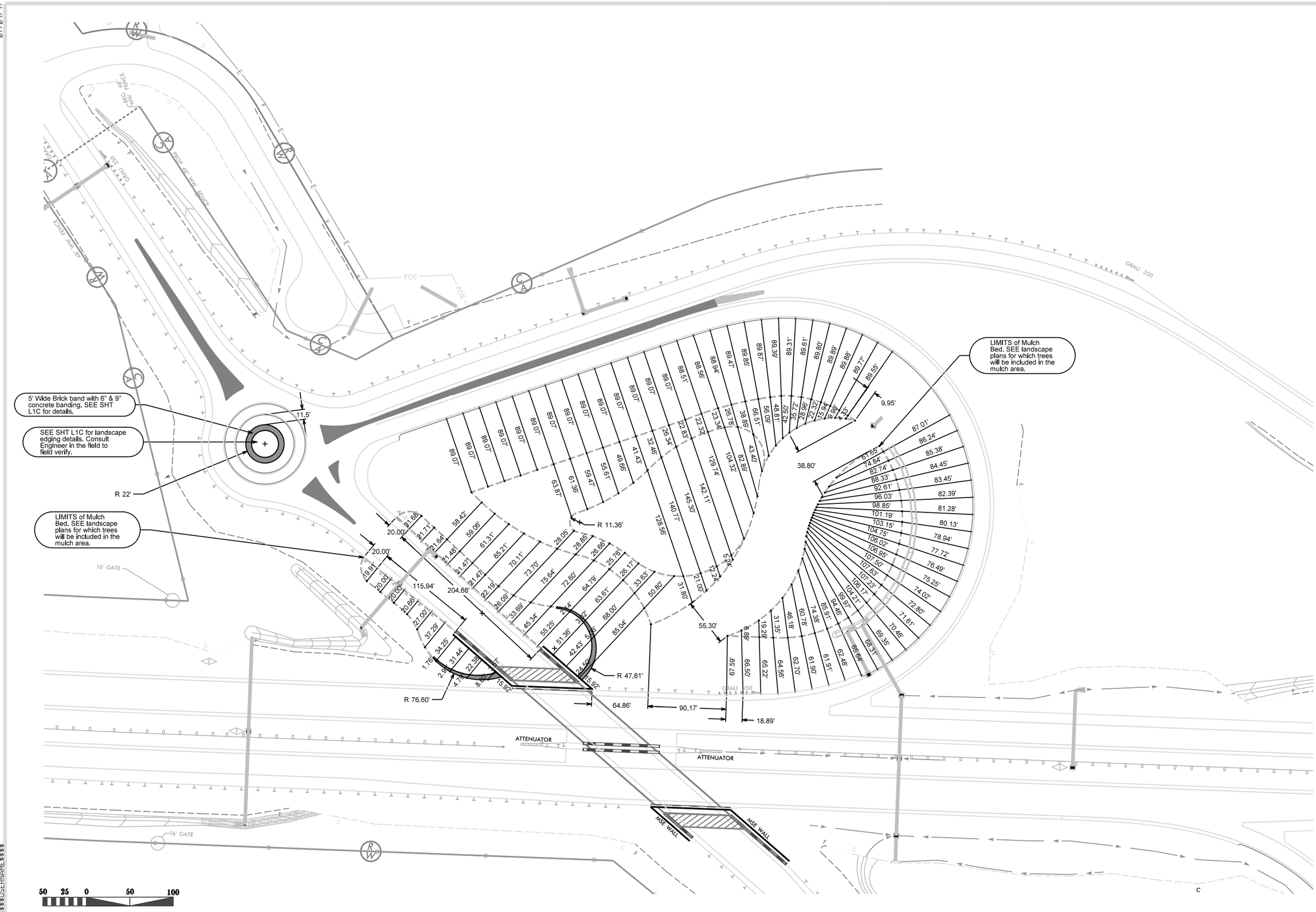

L19A-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Layout

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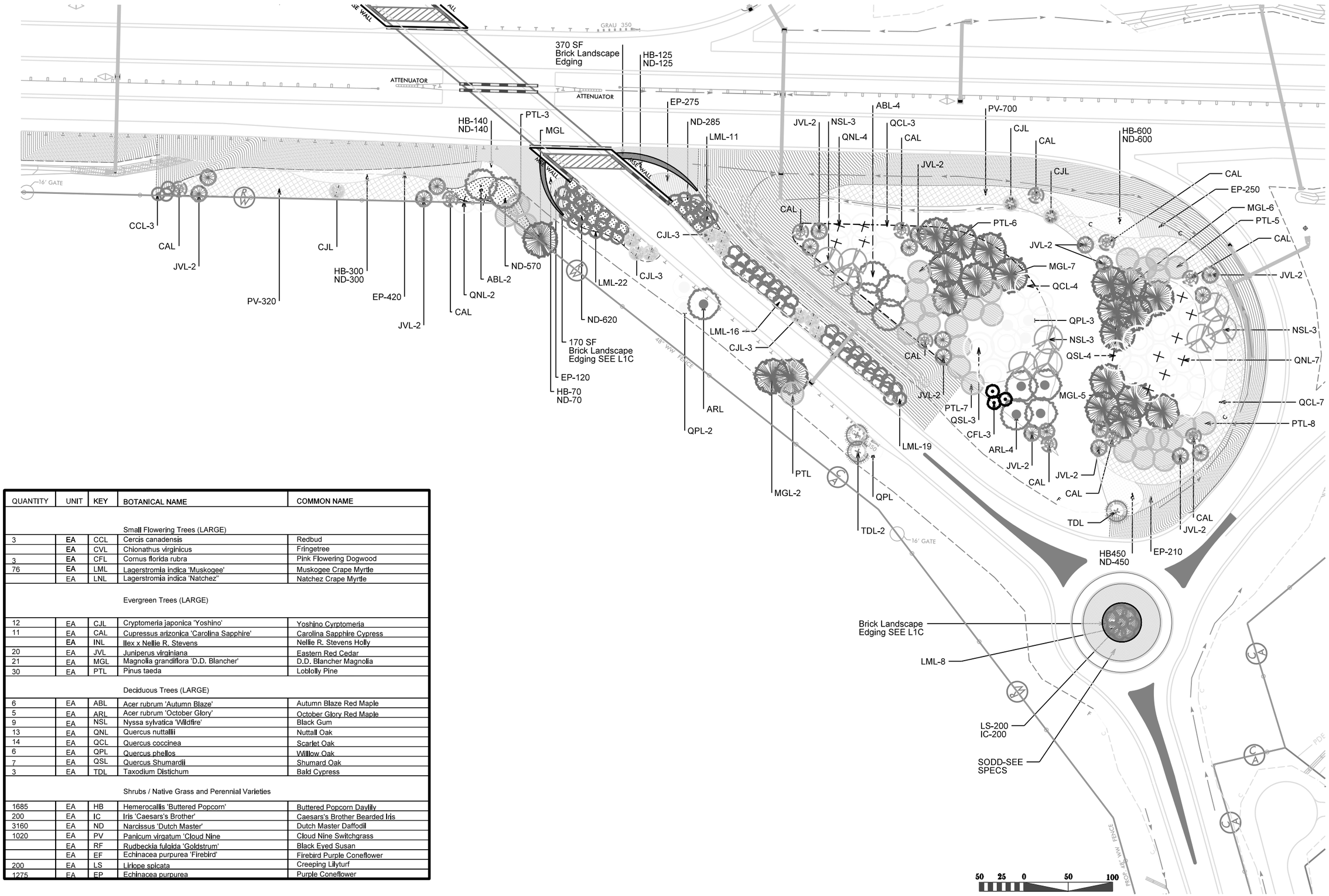

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
3	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
3	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
76	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
12	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
11	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
20	EA	JVL	Juniperus virginiana	Eastern Red Cedar
21	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
30	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
6	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
5	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
9	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
13	EA	QNL	Quercus nuttallii	Nuttall Oak
14	EA	QCL	Quercus coccinea	Scarlet Oak
6	EA	QPL	Quercus phellos	Willlow Oak
7	EA	QSL	Quercus Shumardii	Shumard Oak
3	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
1685	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
200	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
3160	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
1020	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
200	EA	LS	Liriope spicata	Creeping Lilyturf
1275	EA	EP	Echinacea purpurea	Purple Coneflower

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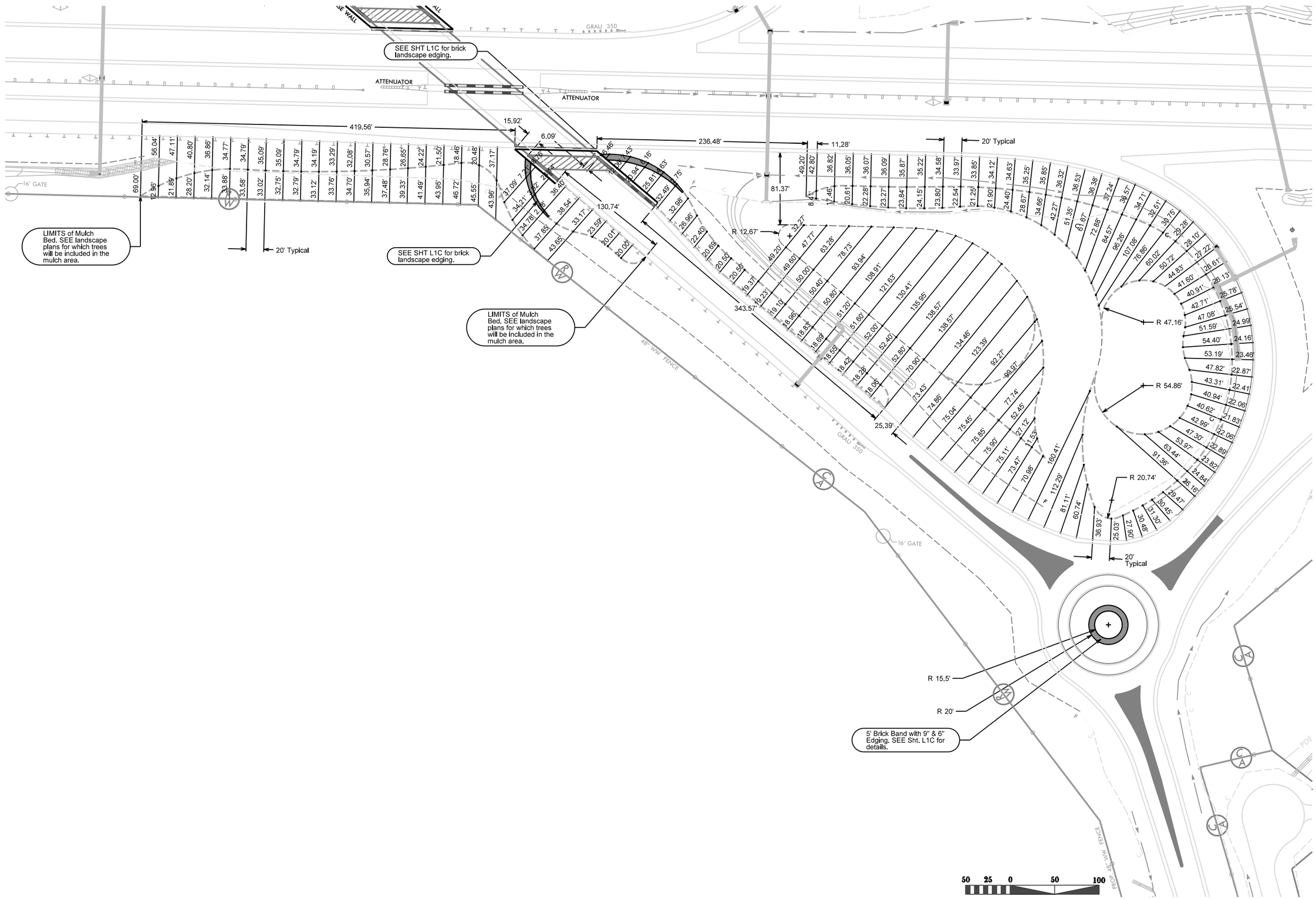
Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L19B



L19B-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

L19B–L

07/09/97

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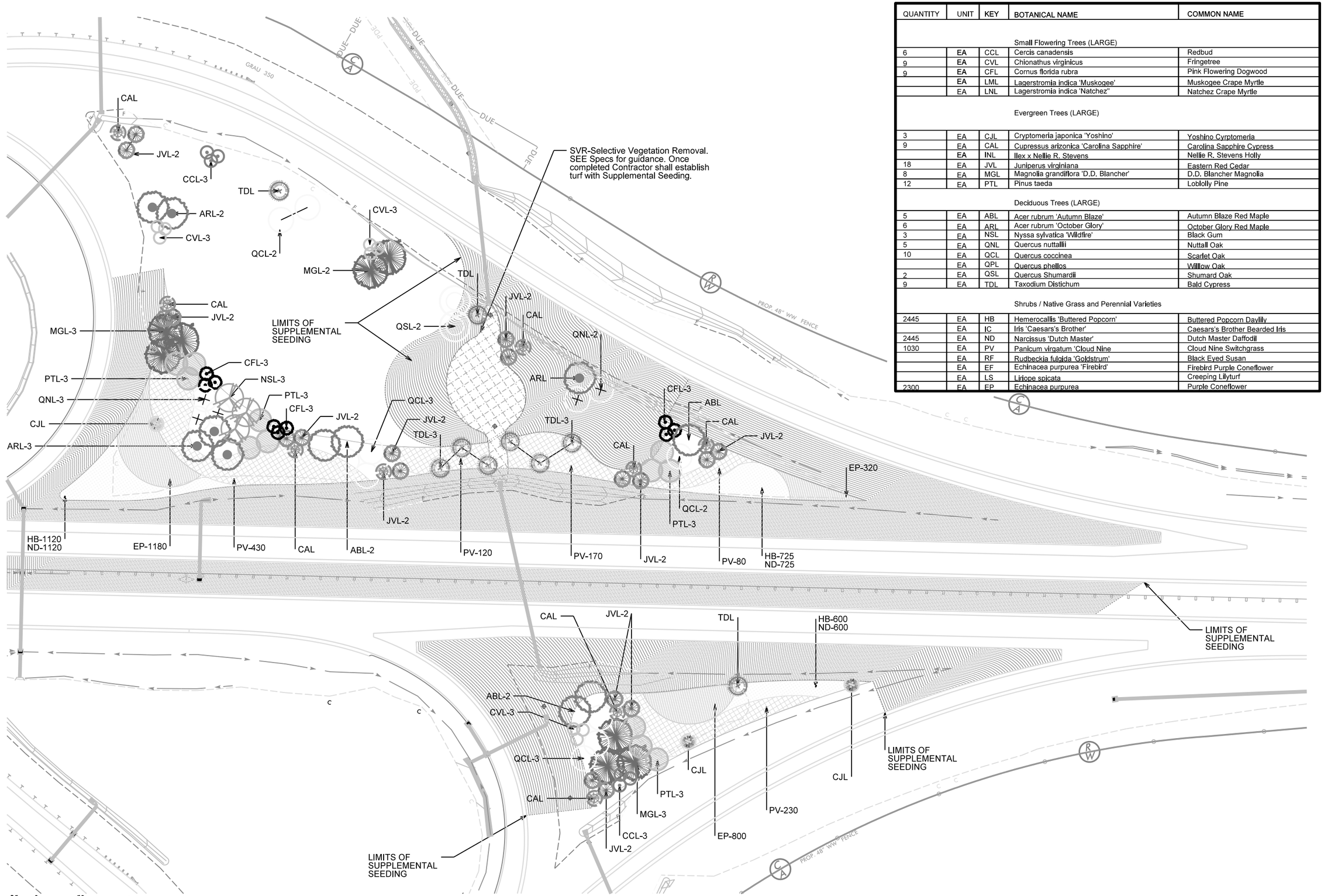

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
6	EA	CCL	Cercis canadensis	Redbud
9	EA	CVL	Chionathus virginicus	Fringetree
9	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
3	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
9	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
18	EA	JVL	Juniperus virginiana	Eastern Red Cedar
8	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
12	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
5	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
6	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
3	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
5	EA	QNL	Quercus nuttallii	Nuttall Oak
10	EA	QCL	Quercus coccinea	Scarlet Oak
	EA	QPL	Quercus phellos	Willlow Oak
2	EA	QSL	Quercus Shumardii	Shumard Oak
9	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
2445	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
2445	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
1030	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
	EA	LS	Liriope spicata	Creeping Lilyturf
2300	EA	EP	Echinacea purpurea	Purple Coneflower

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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

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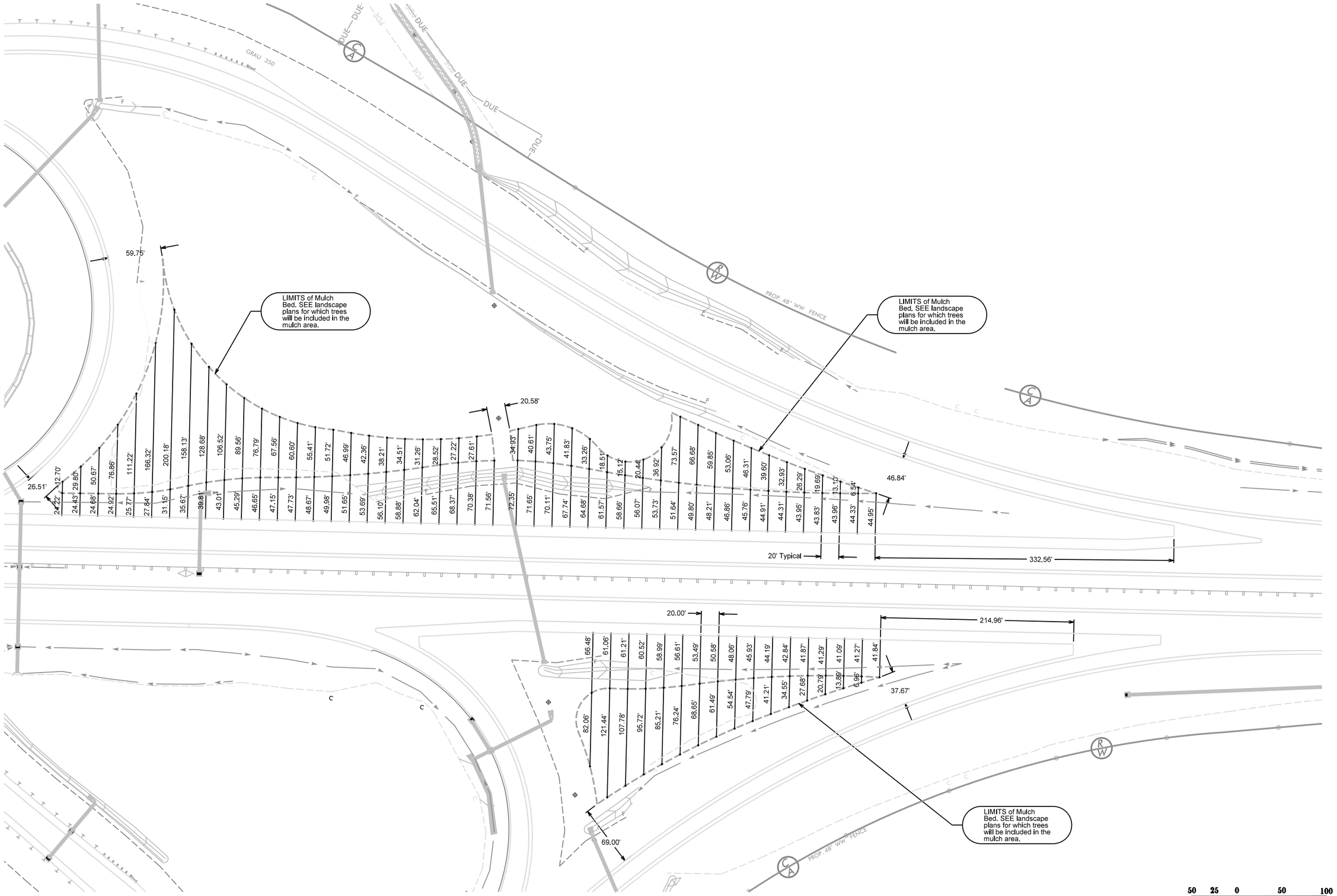

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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

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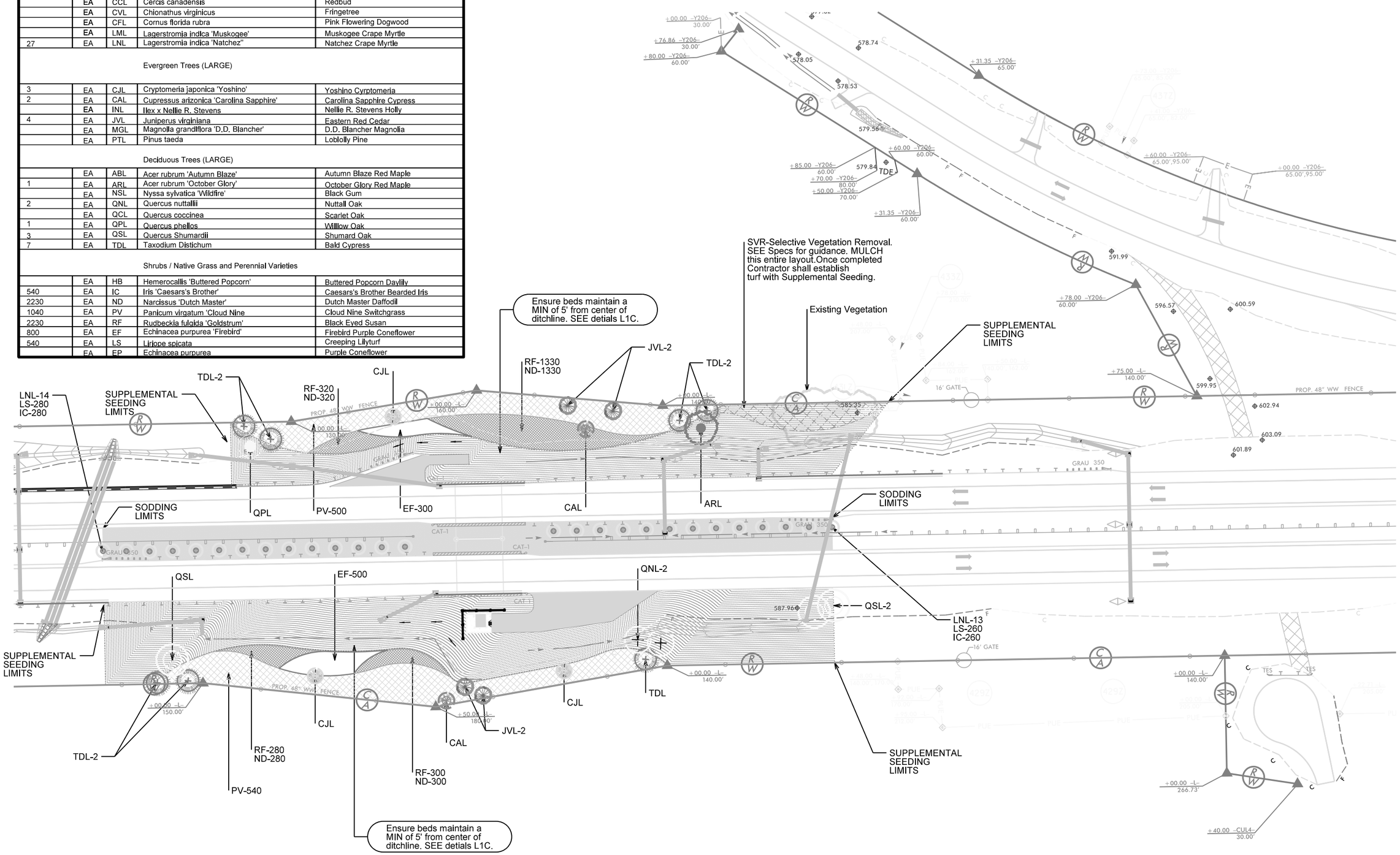
QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
27	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
3	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
2	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
4	EA	JVL	Juniperus virginiana	Eastern Red Cedar
	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
1	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
2	EA	QNL	Quercus nuttallii	Nuttall Oak
	EA	QCL	Quercus coccinea	Scarlet Oak
1	EA	QPL	Quercus phellos	Willlow Oak
3	EA	QSL	Quercus Shumardii	Shumard Oak
7	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
540	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
2230	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
1040	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
2230	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
800	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
540	EA	LS	Liriope spicata	Creeping Lilyturf
	EA	EP	Echinacea purpurea	Purple Coneflower



Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

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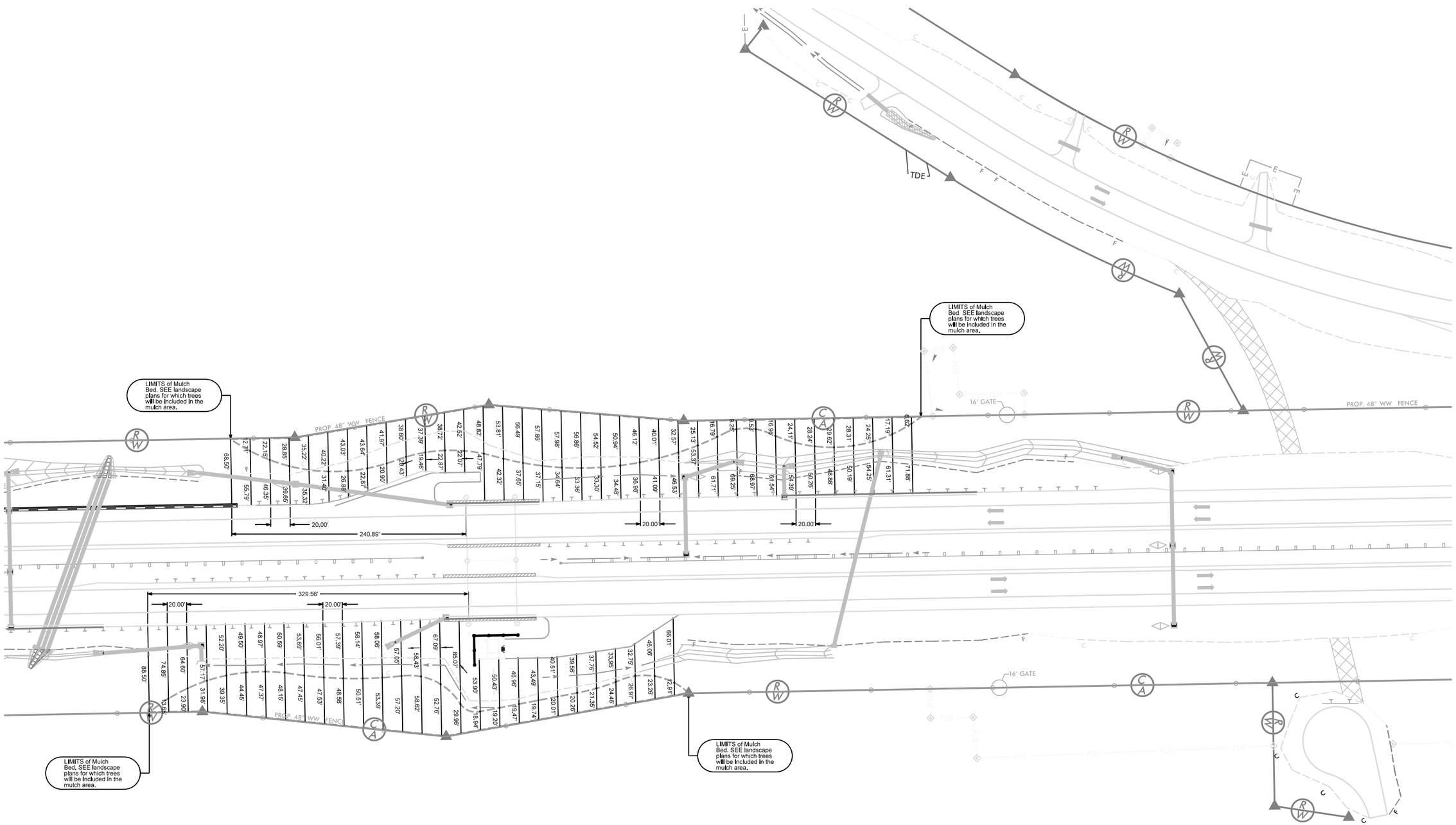

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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

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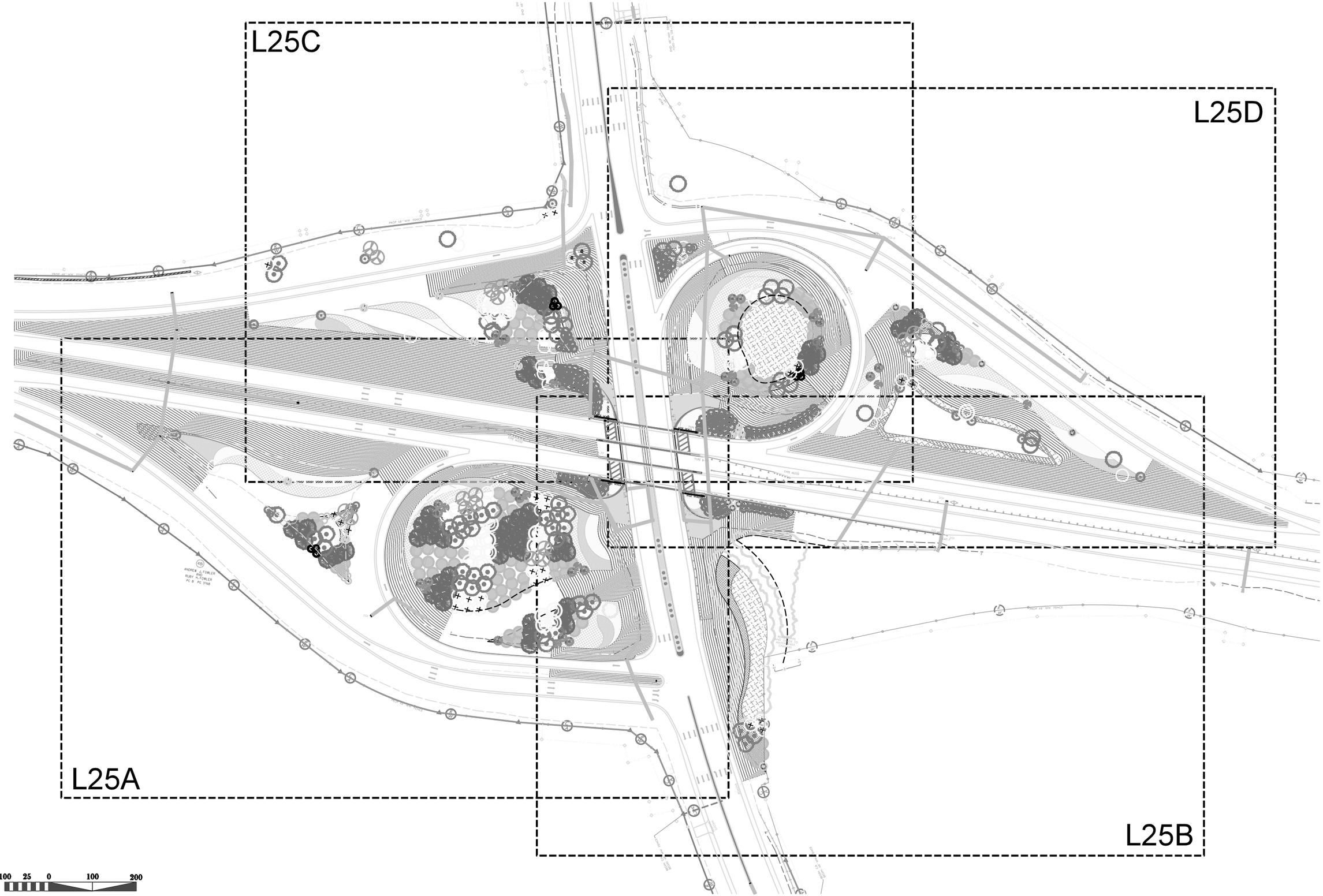

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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Sheet Layout

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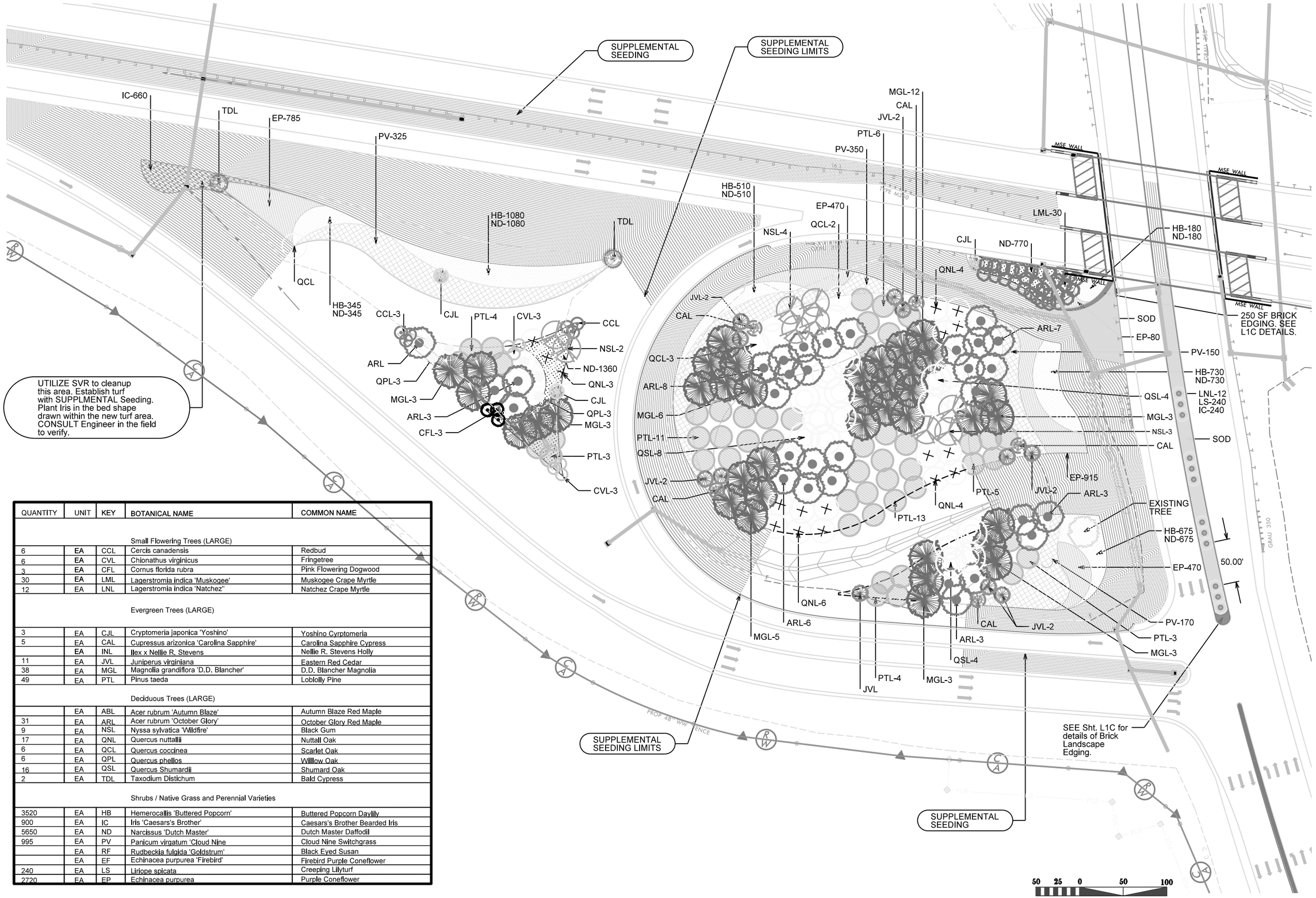

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
6	EA	CCL	Cercis canadensis	Redbud
6	EA	CVL	Chionathus virginicus	Fringetree
3	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
30	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
12	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
3	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
5	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
11	EA	JVL	Juniperus virginiana	Eastern Red Cedar
38	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
49	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
31	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
9	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
17	EA	QNL	Quercus nuttallii	Nuttall Oak
6	EA	QCL	Quercus coccinea	Scarlet Oak
6	EA	QPL	Quercus phellos	Willlow Oak
16	EA	QSL	Quercus Shumardii	Shumard Oak
2	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
3520	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
900	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
5650	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
995	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
240	EA	LS	Liriope spicata	Creeping Lilyturf
2720	EA	EP	Echinacea purpurea	Purple Coneflower

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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
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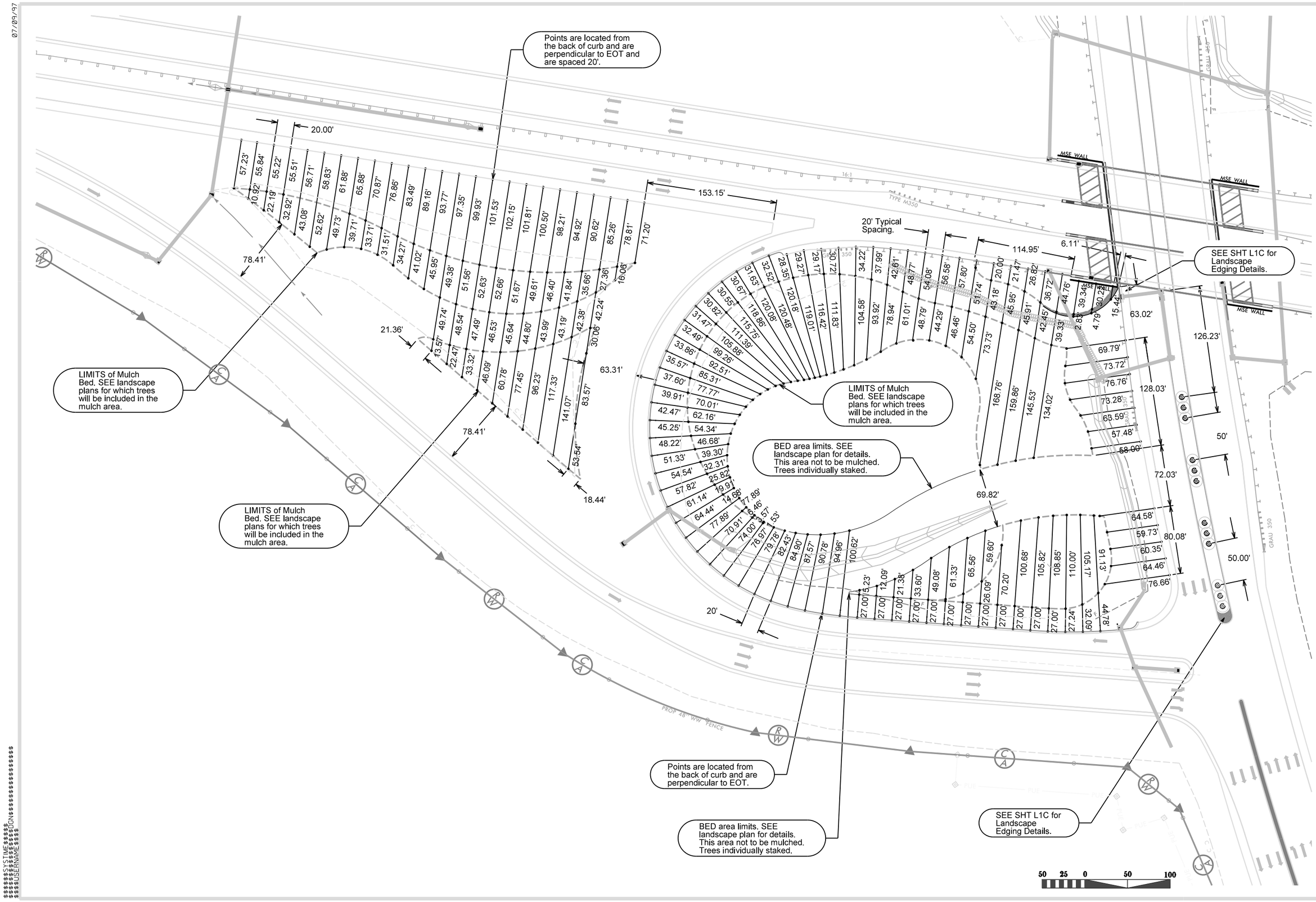
Landscape Plan

L25A



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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

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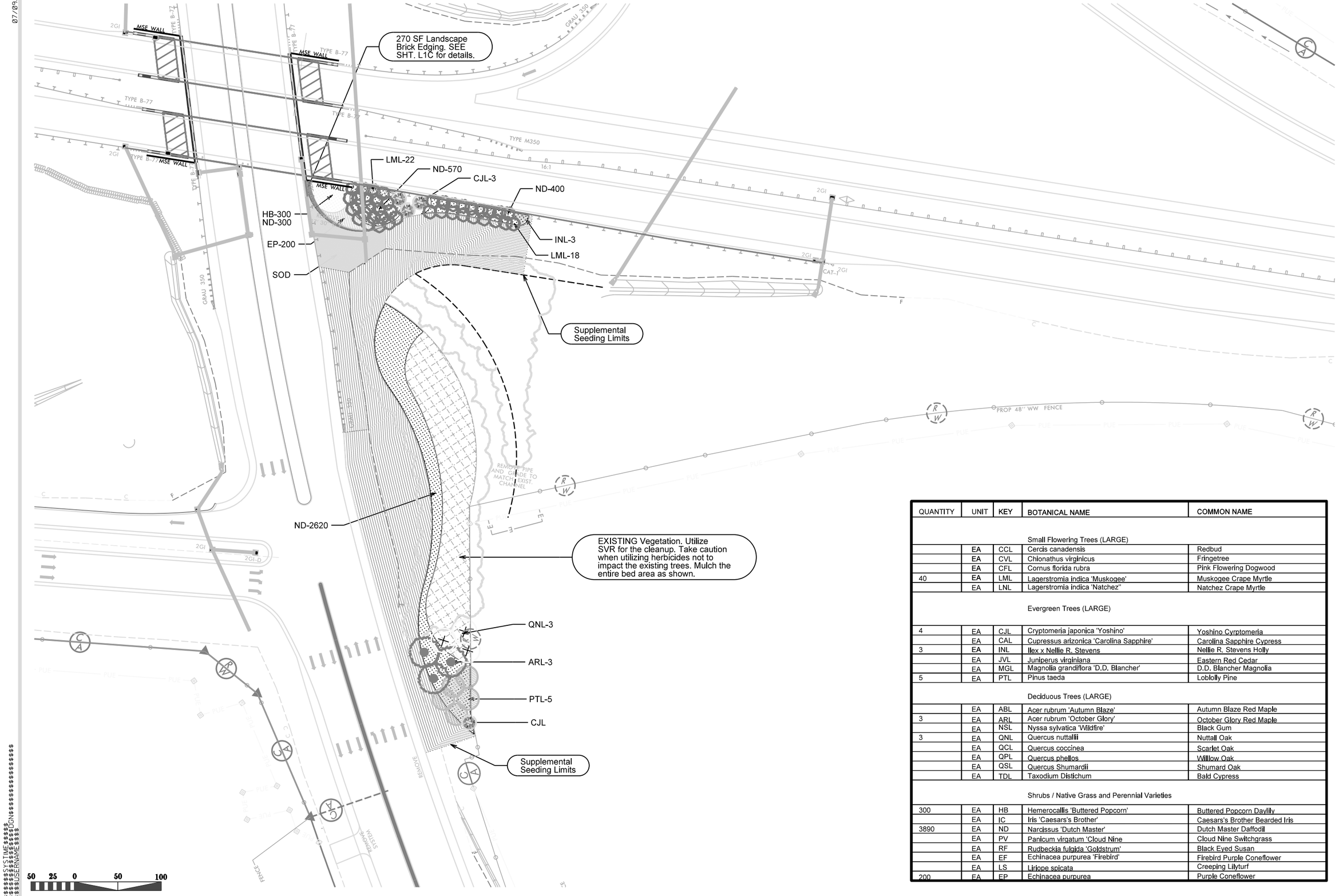

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
40	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
4	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
3	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
	EA	JVL	Juniperus virginiana	Eastern Red Cedar
	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
5	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
3	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
3	EA	QNL	Quercus nuttallii	Nuttall Oak
	EA	QCL	Quercus coccinea	Scarlet Oak
	EA	QPL	Quercus phellos	Willlow Oak
	EA	QSL	Quercus Shumardii	Shumard Oak
	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
300	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
3890	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
	EA	LS	Liriope spicata	Creeping Lilyturf
200	EA	EP	Echinacea purpurea	Purple Coneflower

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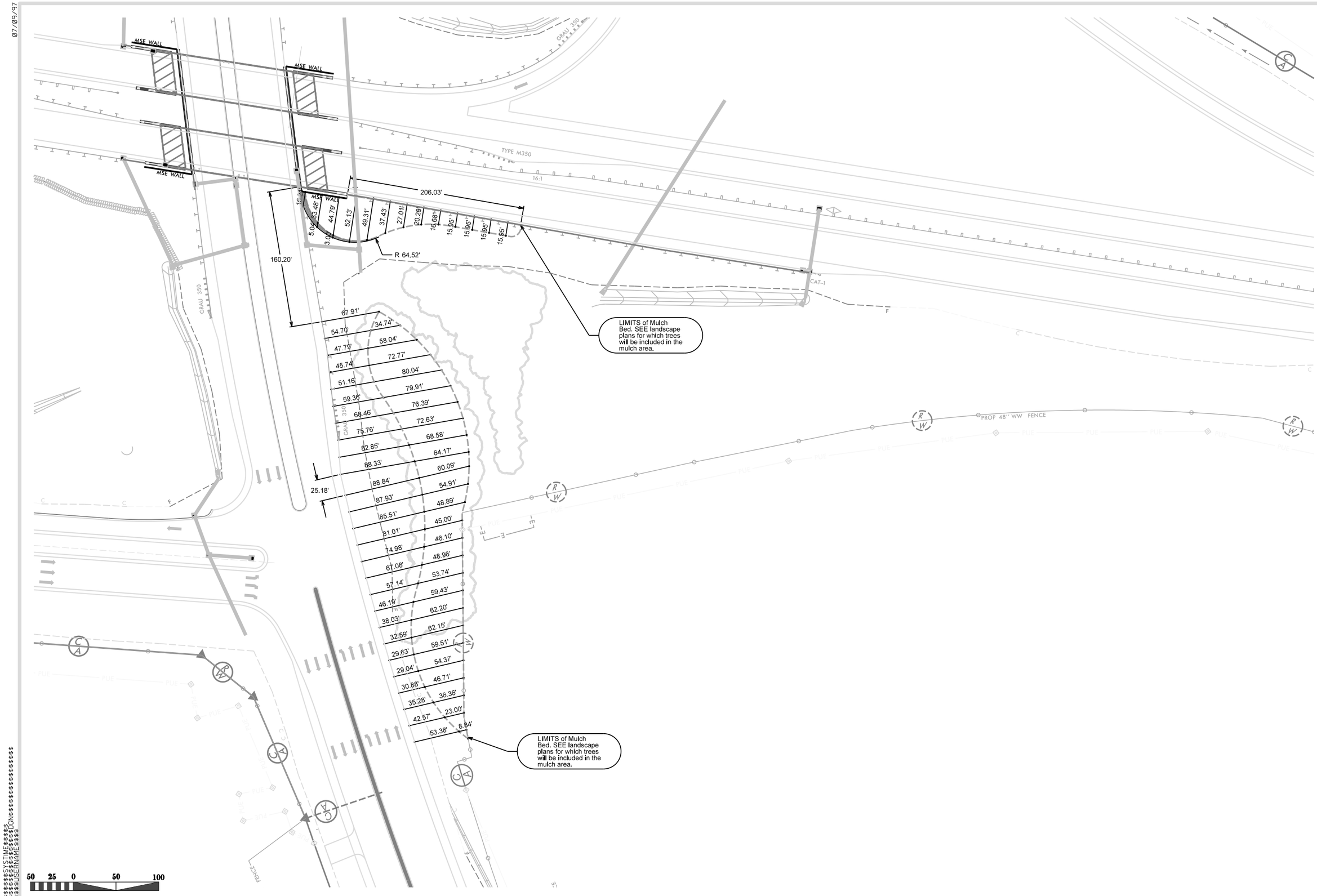

L 25B-L

Monroe Expressway Enhancements & Aesthetics
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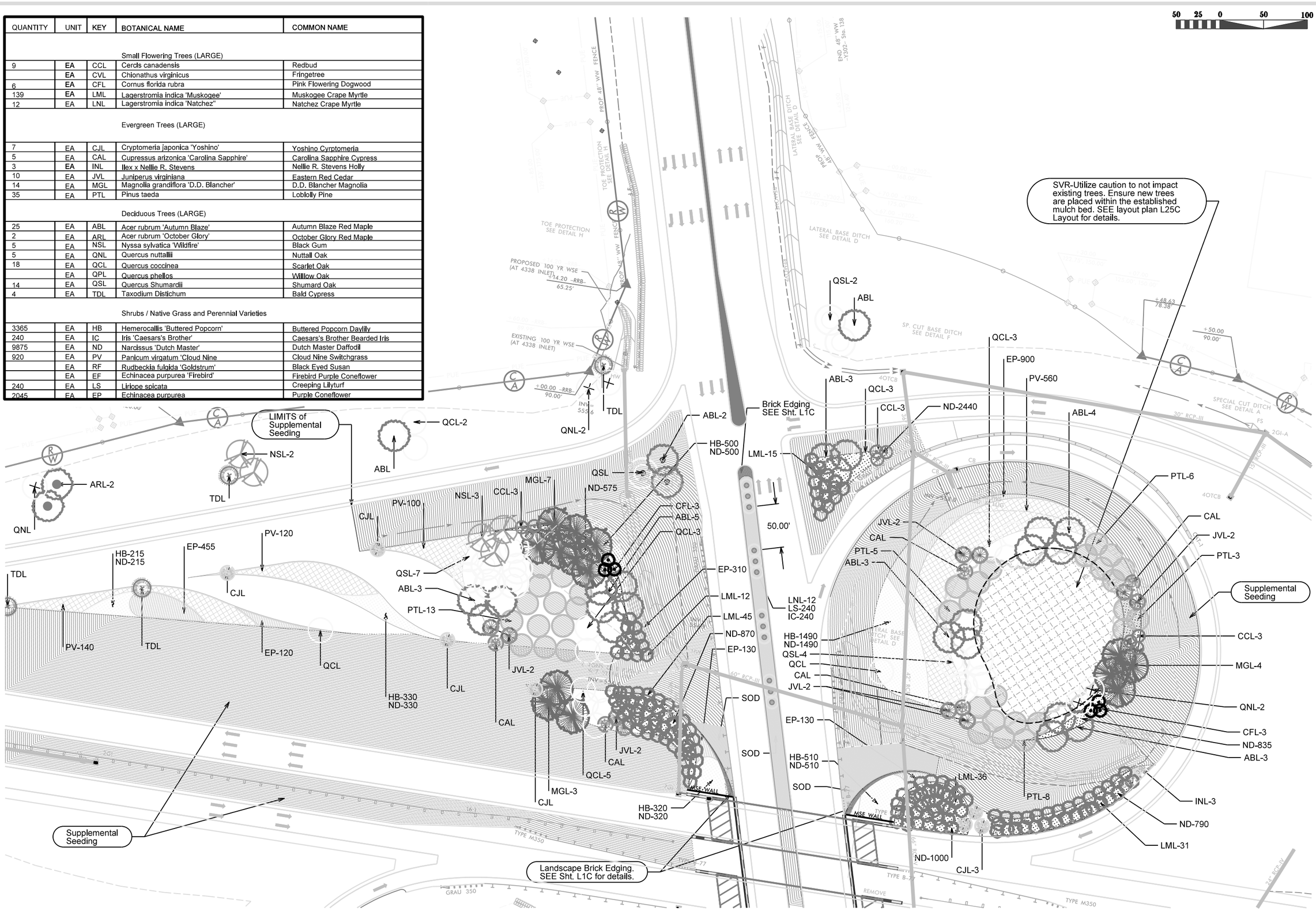
QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
9	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
6	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
139	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
12	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
7	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
5	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
3	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
10	EA	JVL	Juniperus virginiana	Eastern Red Cedar
14	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
35	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
25	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
2	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
5	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
5	EA	QNL	Quercus nuttallii	Nuttall Oak
18	EA	QCL	Quercus coccinea	Scarlet Oak
	EA	QPL	Quercus phellos	Willlow Oak
14	EA	QSL	Quercus Shumardii	Shumard Oak
4	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
3365	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
240	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
9875	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
920	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
240	EA	LS	Liriope spicata	Creeping Lilyturf
2045	EA	EP	Echinacea purpurea	Purple Coneflower



Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

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Landscape Plan

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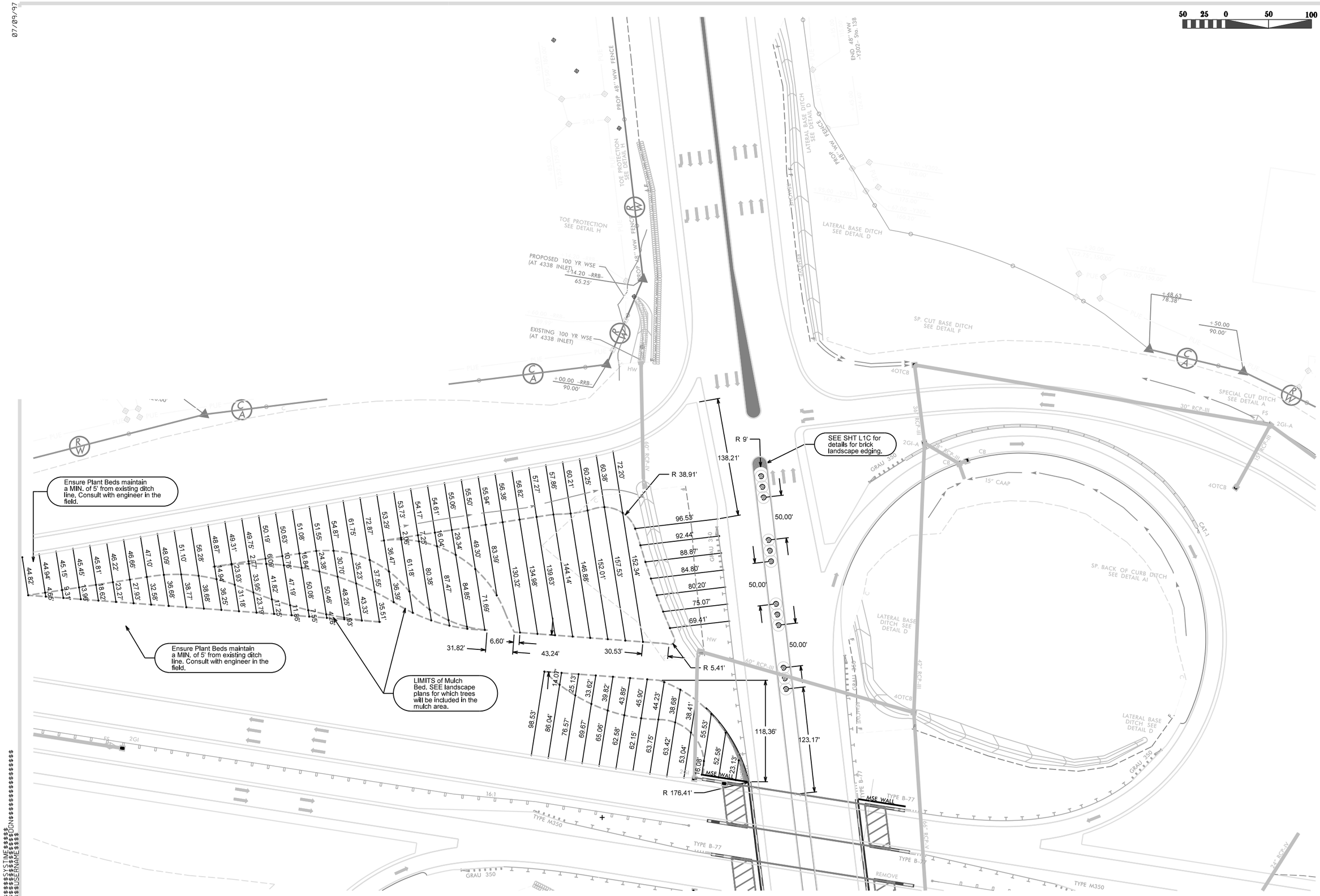

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Monroe Expressway Enhancements & Aesthetics
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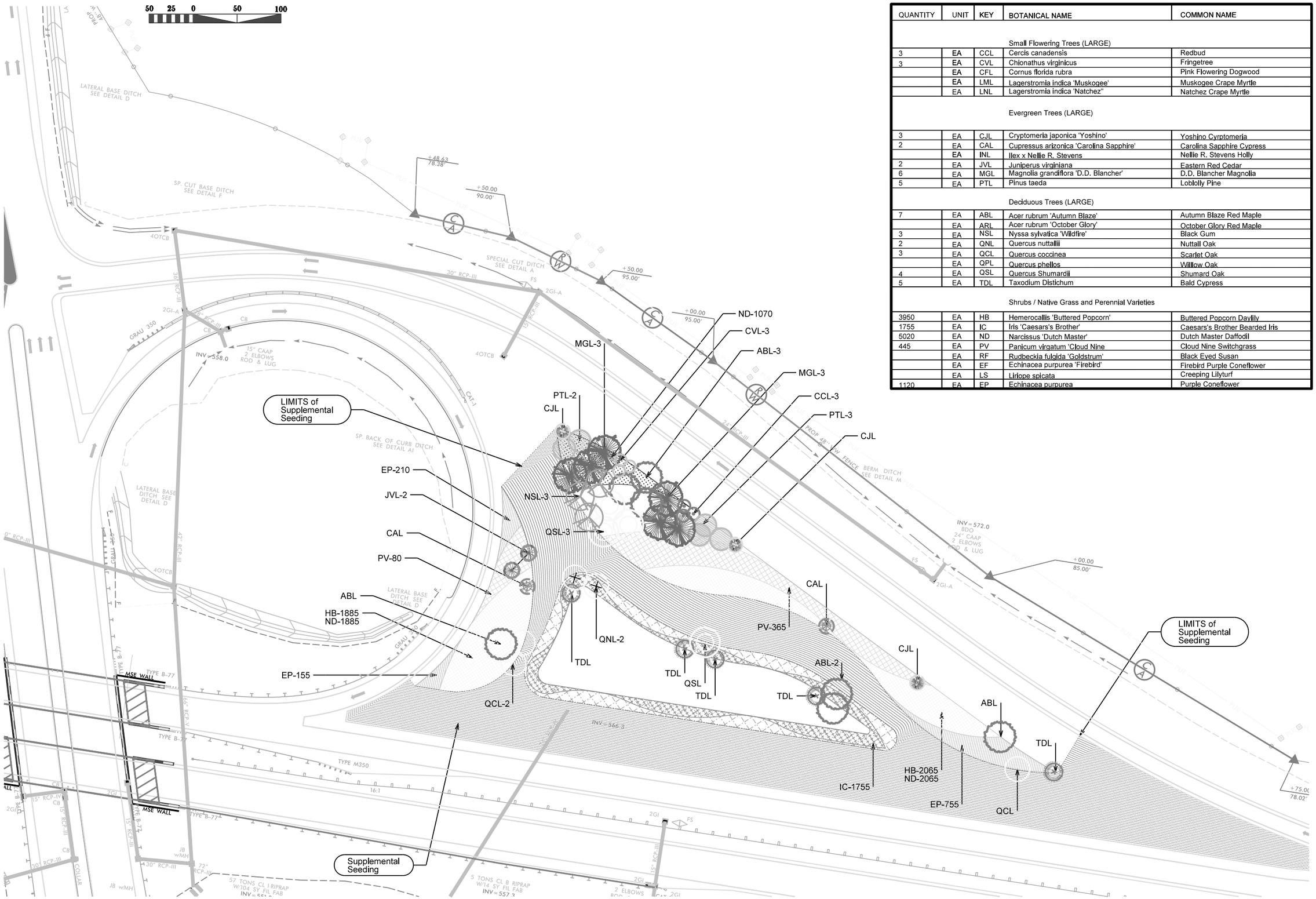

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
3	EA	CCL	Cercis canadensis	Redbud
3	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
3	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
2	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
2	EA	JVL	Juniperus virginiana	Eastern Red Cedar
6	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
5	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
7	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
3	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
2	EA	QNL	Quercus nuttallii	Nuttall Oak
3	EA	QCL	Quercus coccinea	Scarlet Oak
	EA	QPL	Quercus phellos	Willlow Oak
4	EA	QSL	Quercus Shumardii	Shumard Oak
5	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
3950	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
1755	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
5020	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
445	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
	EA	LS	Liriope spicata	Creeping Lilyturf
1120	EA	EP	Echinacea purpurea	Purple Coneflower

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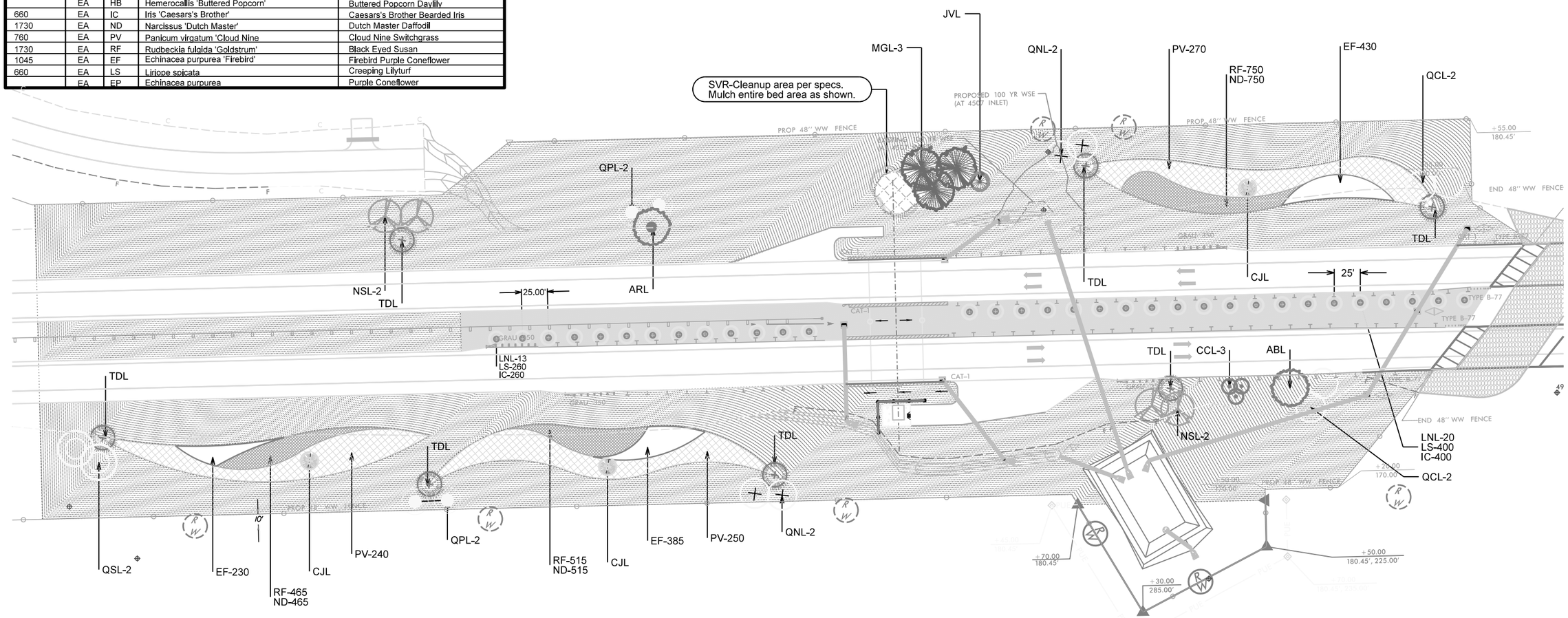
QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
3	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
33	EA	LNL	Lagerstromia indica 'Natchez''	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
3	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
1	EA	JVL	Juniperus virginiana	Eastern Red Cedar
3	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
1	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
1	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
4	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
4	EA	QNL	Quercus nuttallii	Nuttall Oak
4	EA	QCL	Quercus coccinea	Scarlet Oak
4	EA	QPL	Quercus phellos	Willlow Oak
2	EA	QSL	Quercus Shumardii	Shumard Oak
7	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
660	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
1730	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
760	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
1730	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
1045	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
660	EA	LS	Liriope spicata	Creeping Lilyturf
	EA	EP	Echinacea purpurea	Purple Coneflower



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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
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US 74 Bypass, North Carolina

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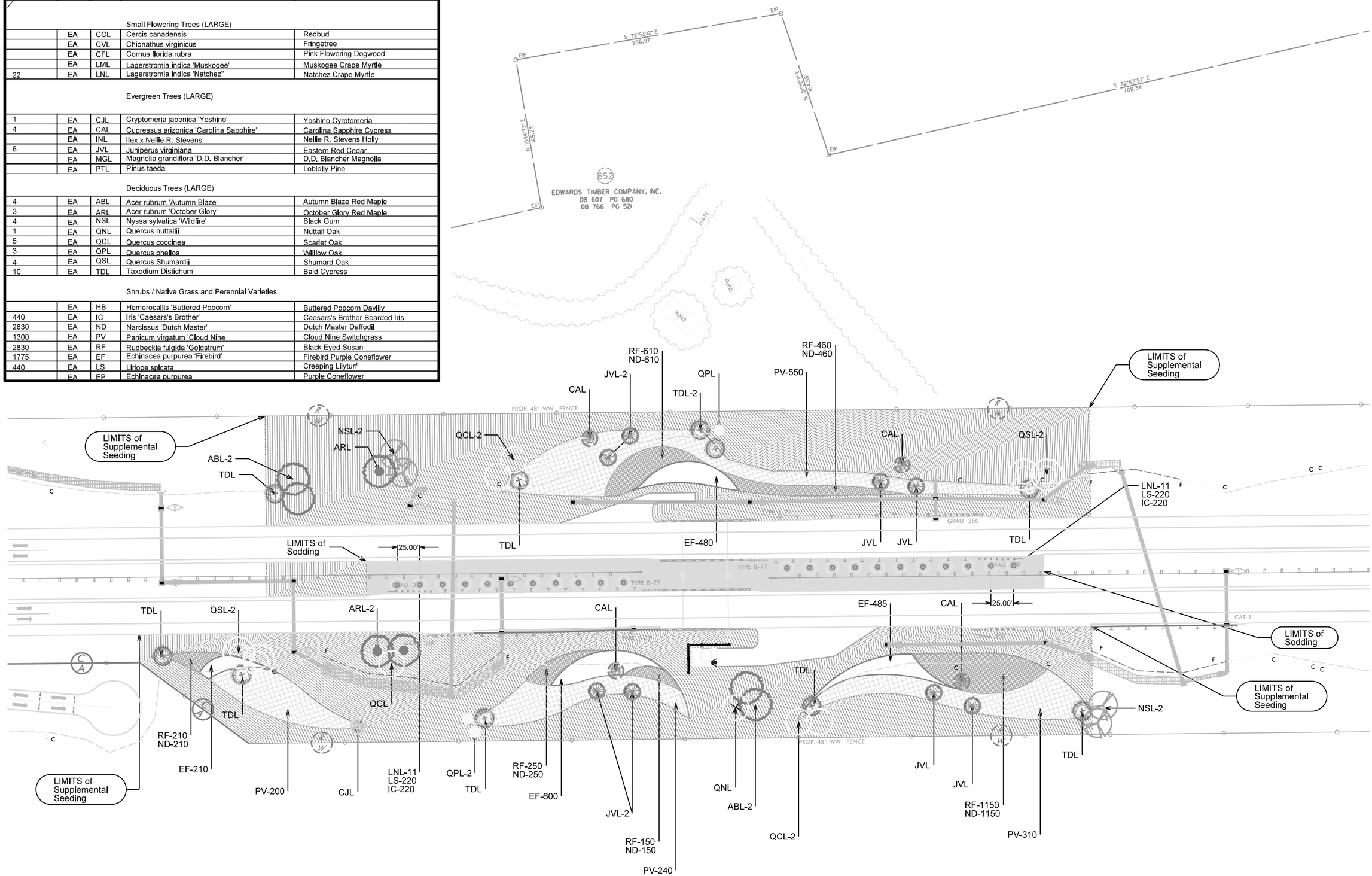
QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
22	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
1	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
4	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
8	EA	JVL	Juniperus virginiana	Eastern Red Cedar
	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
4	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
3	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
4	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
1	EA	QNL	Quercus nuttallii	Nuttall Oak
5	EA	QCL	Quercus coccinea	Scarlet Oak
3	EA	QPL	Quercus phellos	Willlow Oak
4	EA	QSL	Quercus Shumardii	Shumard Oak
10	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
440	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
2830	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
1300	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
2830	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
1775	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
440	EA	LS	Liriope spicata	Creeping Lilyturf
	EA	EP	Echinacea purpurea	Purple Coneflower



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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

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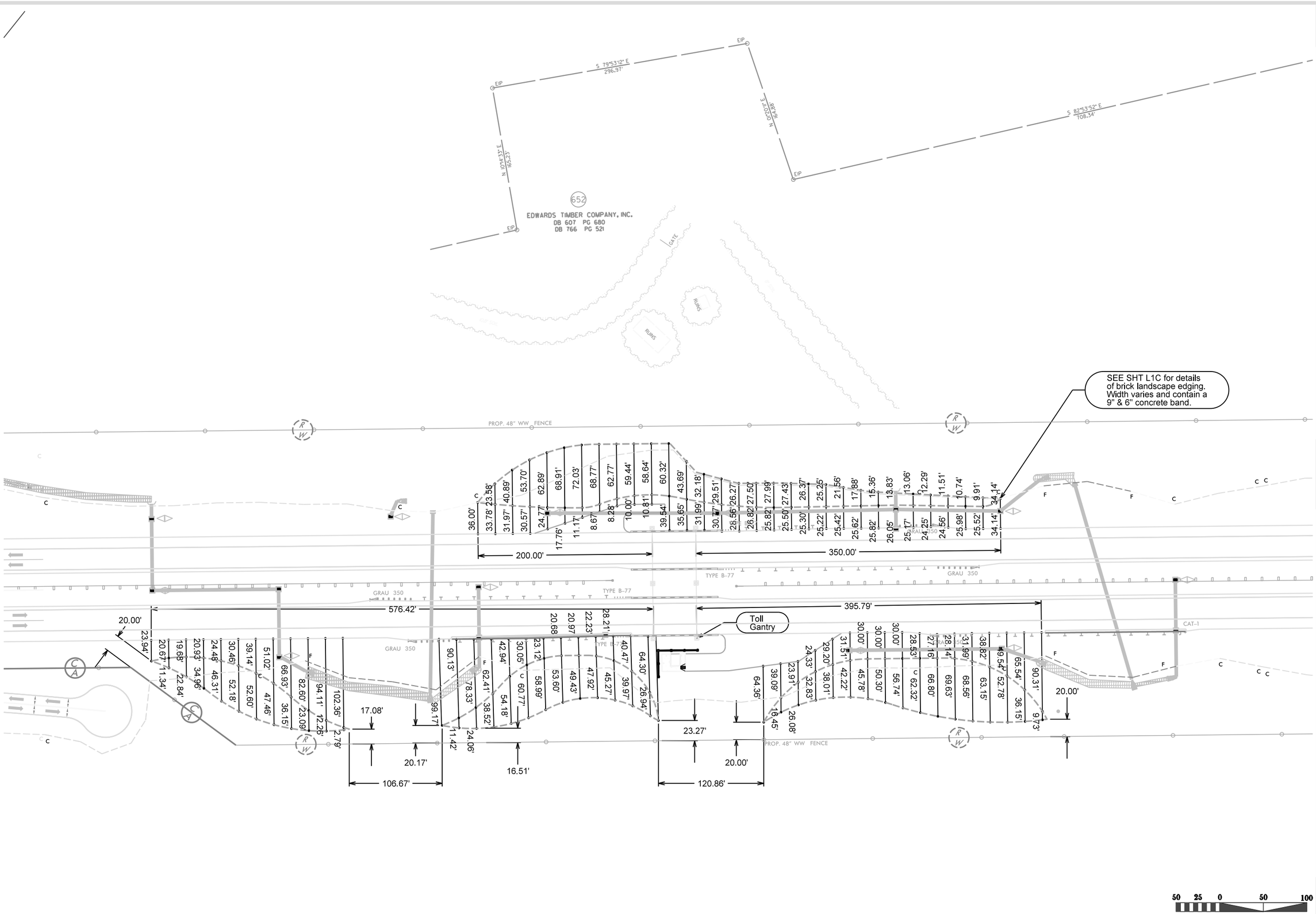

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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

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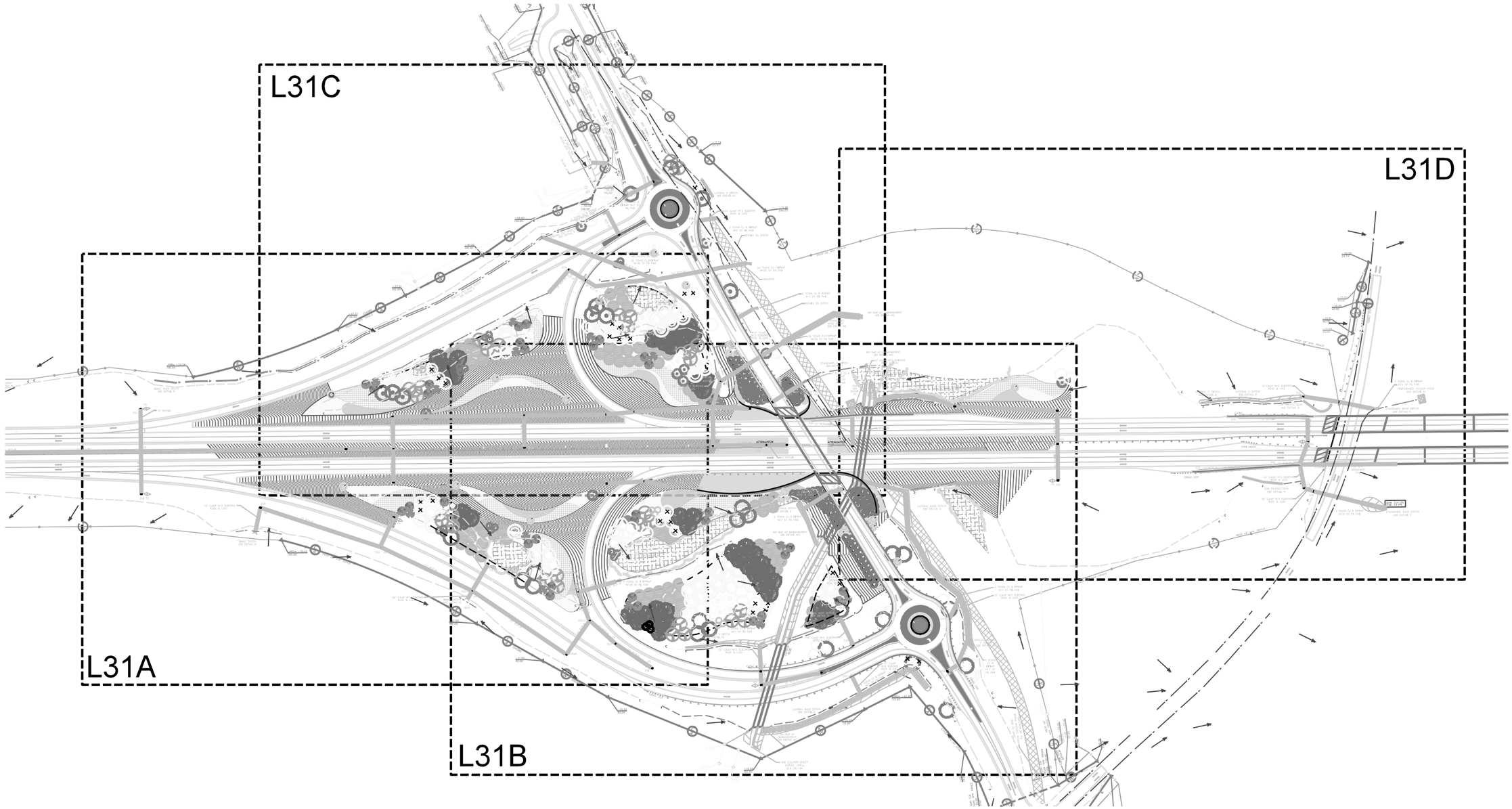

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SHEET NO.
L31

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

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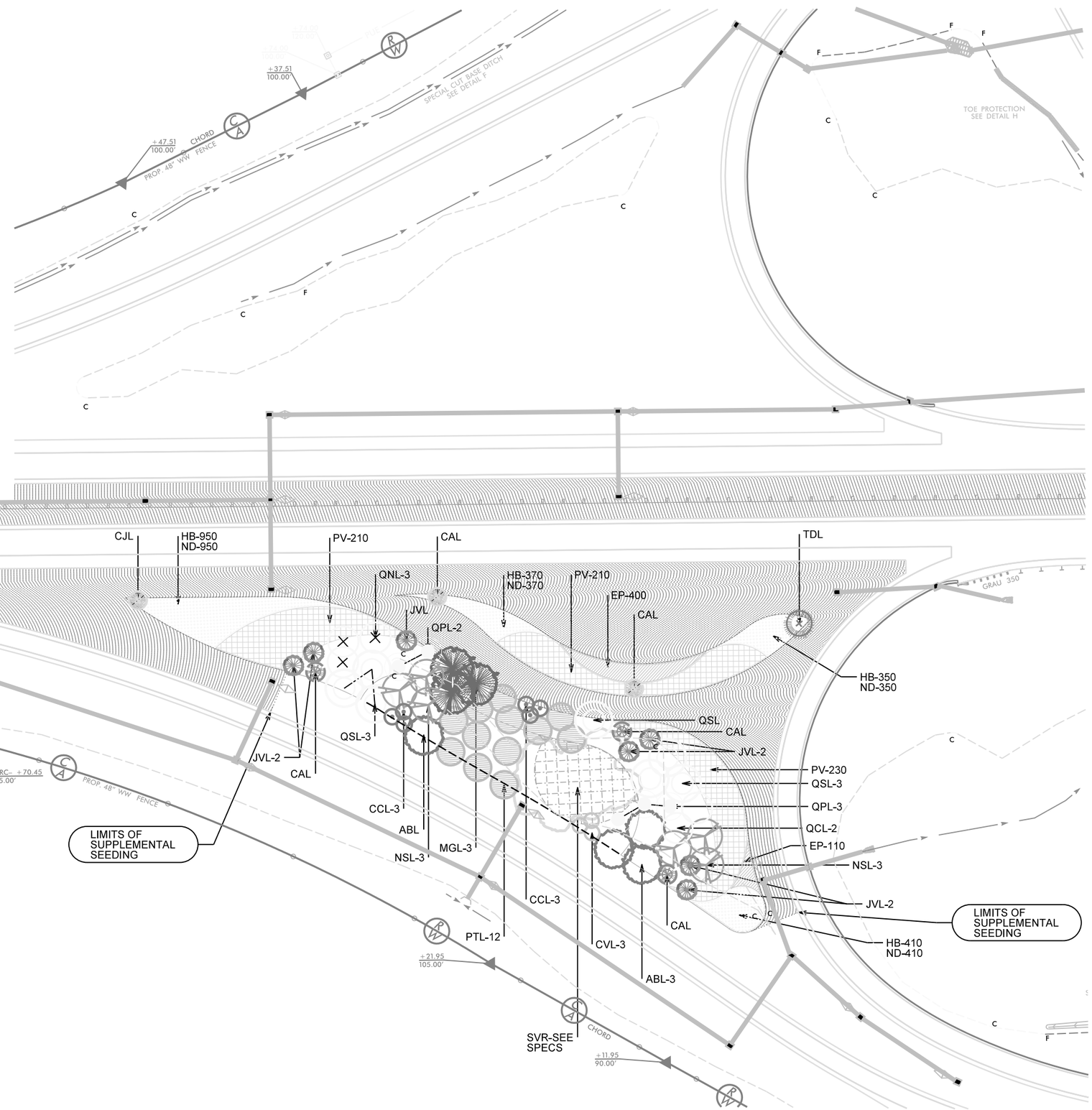
QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
6	EA	CCL	Cercis canadensis	Redbud
3	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
3	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
3	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
7	EA	JVL	Juniperus virginiana	Eastern Red Cedar
3	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
12	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
4	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
6	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
3	EA	QNL	Quercus nuttallii	Nuttall Oak
2	EA	QCL	Quercus coccinea	Scarlet Oak
5	EA	QPL	Quercus phellos	Willlow Oak
7	EA	QSL	Quercus Shumardii	Shumard Oak
1	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
2080	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
2080	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
650	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
	EA	LS	Liriope spicata	Creeping Lilyturf
510	EA	EP	Echinacea purpurea	Purple Coneflower



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Mecklenberg & Union County(s)
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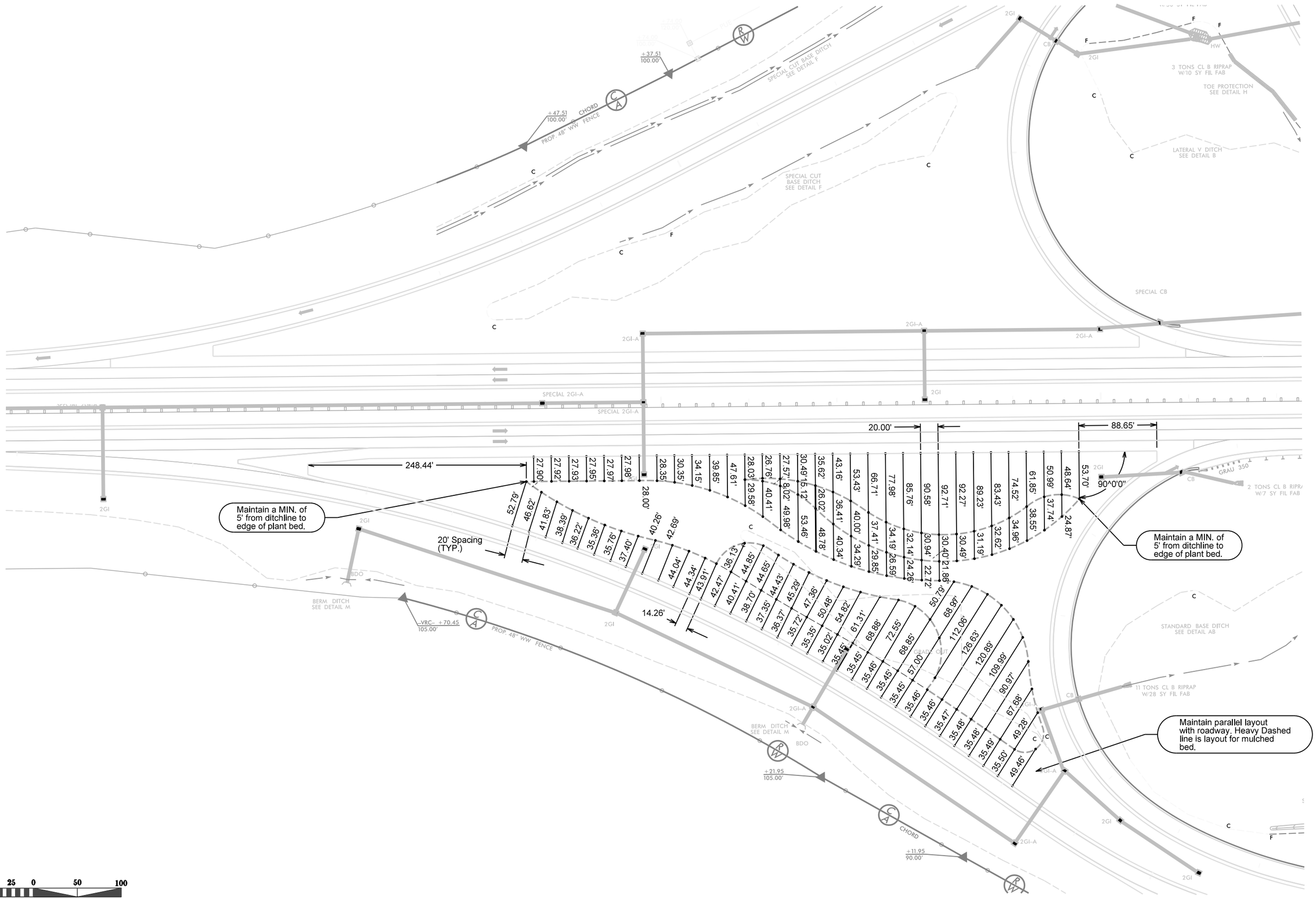

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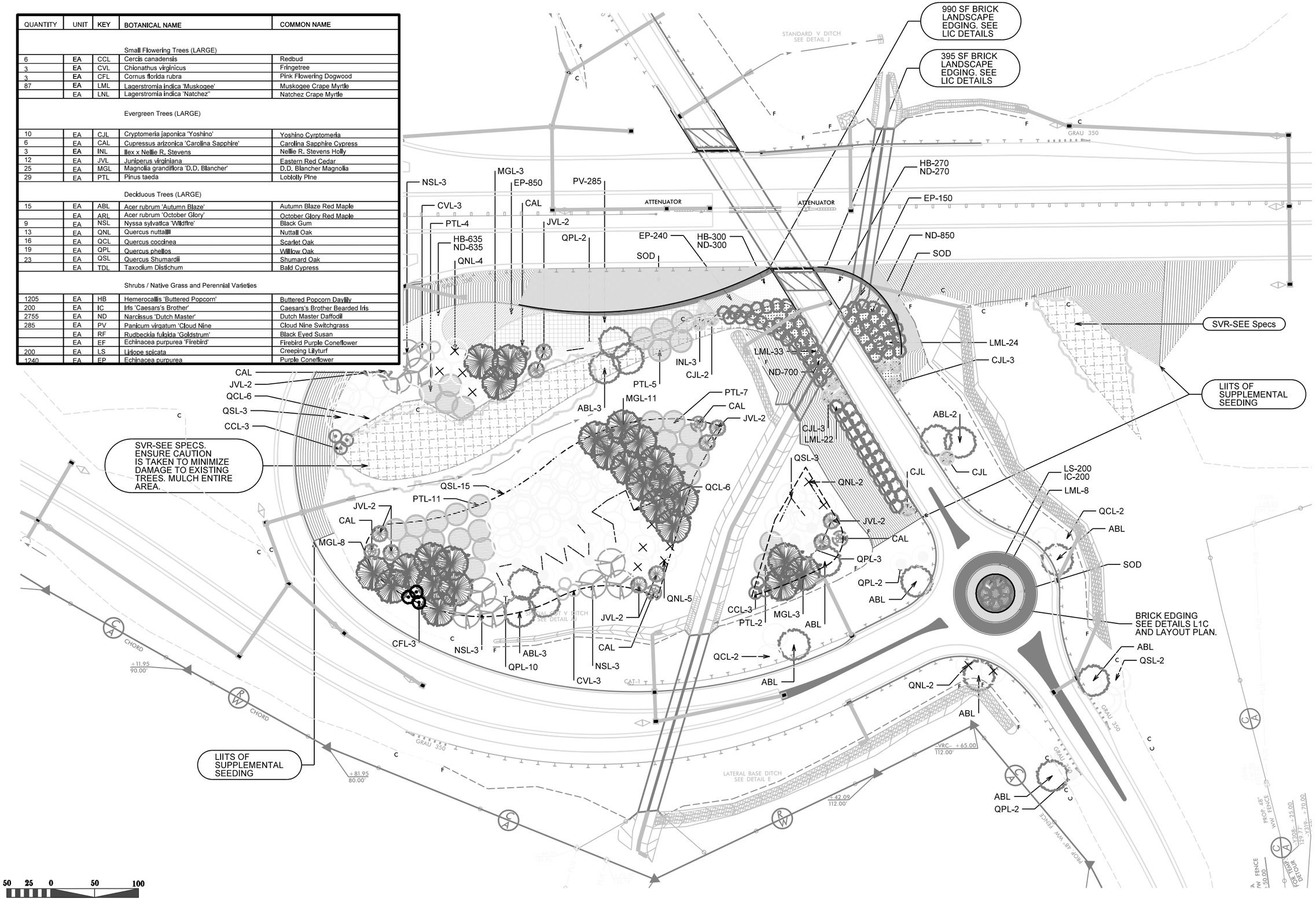
QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
6	EA	CCL	Cercis canadensis	Redbud
3	EA	CVL	Chionathus virginicus	Fringetree
3	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
87	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
10	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
6	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
3	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
12	EA	JVL	Juniperus virginiana	Eastern Red Cedar
25	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
29	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
15	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
9	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
13	EA	QNL	Quercus nuttallii	Nuttall Oak
16	EA	QCL	Quercus coccinea	Scarlet Oak
19	EA	QPL	Quercus phellos	Willow Oak
23	EA	QSL	Quercus Shumardii	Shumard Oak
	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
1205	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
200	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
2755	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
285	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
200	EA	LS	Liriope spicata	Creeping Lilyturf
1240	EA	EP	Echinacea purpurea	Purple Coneflower



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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

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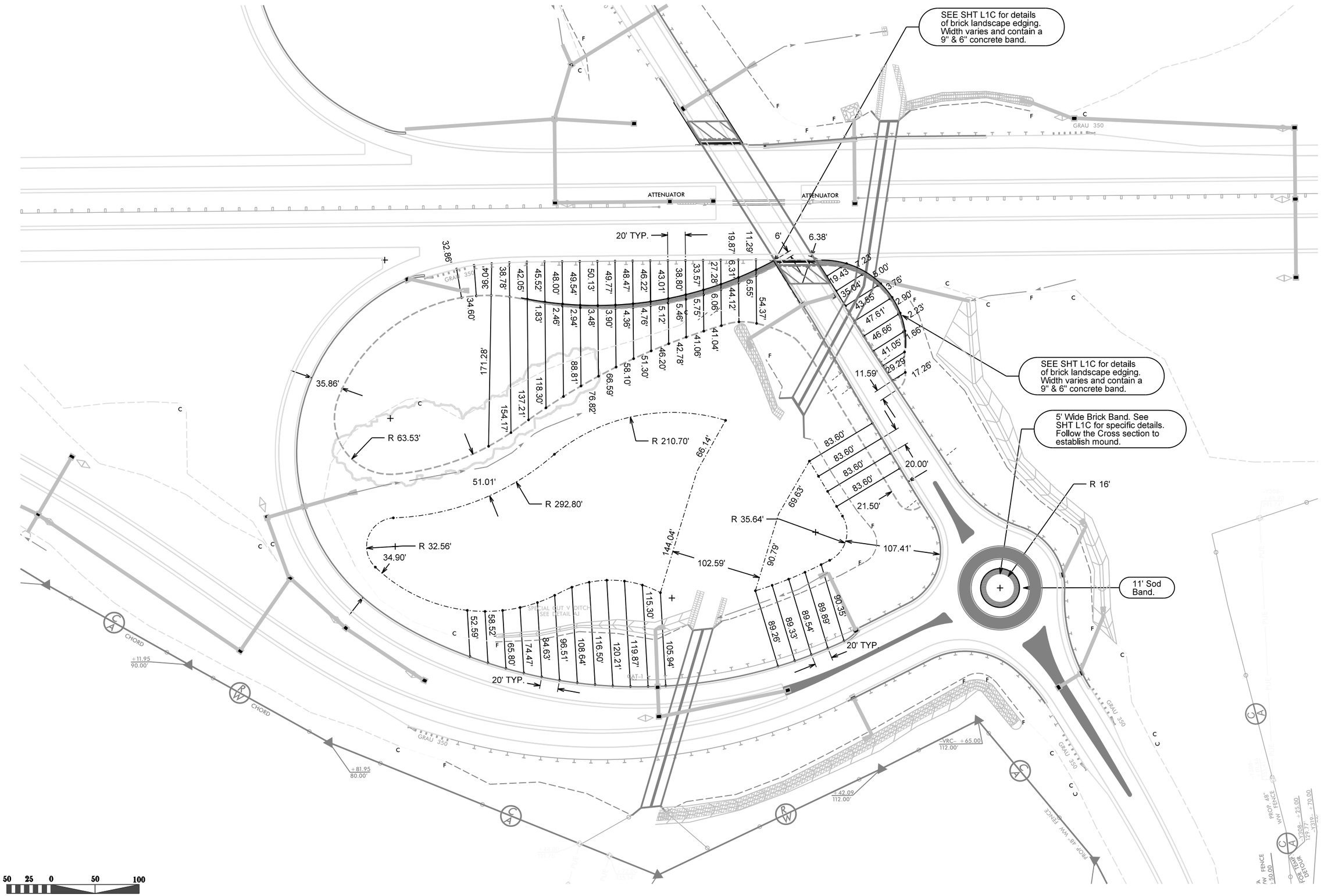

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Monroe Expressway Enhancements & Aesthetics
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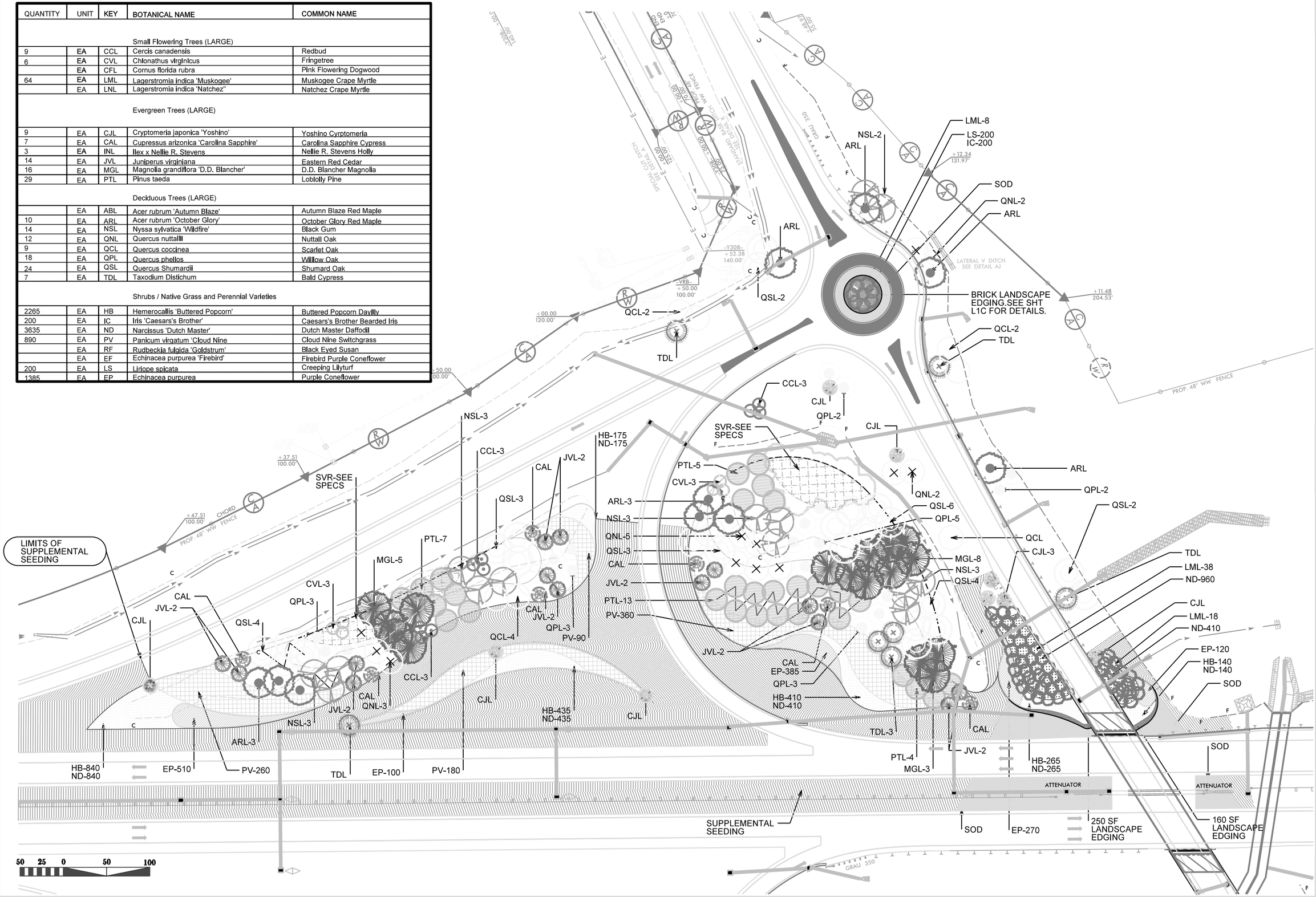
QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
9	EA	CCL	Cercis canadensis	Redbud
6	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
64	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
9	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
7	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
3	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
14	EA	JVL	Juniperus virginiana	Eastern Red Cedar
16	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
29	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
10	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
14	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
12	EA	QNL	Quercus nuttallll	Nuttall Oak
9	EA	QCL	Quercus coccinea	Scarlet Oak
18	EA	QPL	Quercus phellos	Willlow Oak
24	EA	QSL	Quercus Shumardii	Shumard Oak
7	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
2265	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylilly
200	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
3635	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
890	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
200	EA	LS	Liriope spicata	Creeping Lillyturf
1385	EA	EP	Echinacea purpurea	Purple Coneflower

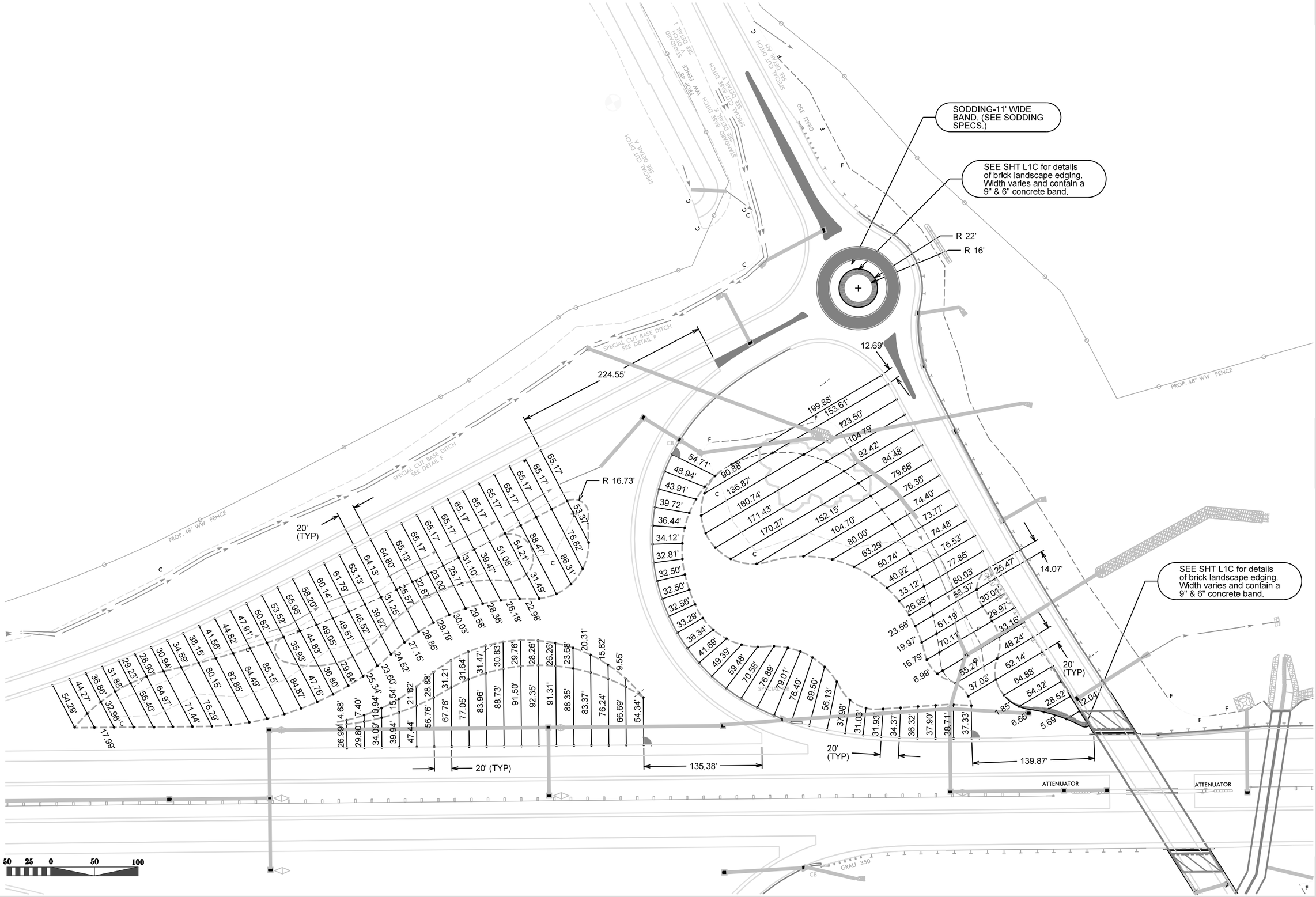


L31C

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L31C



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L31C-L

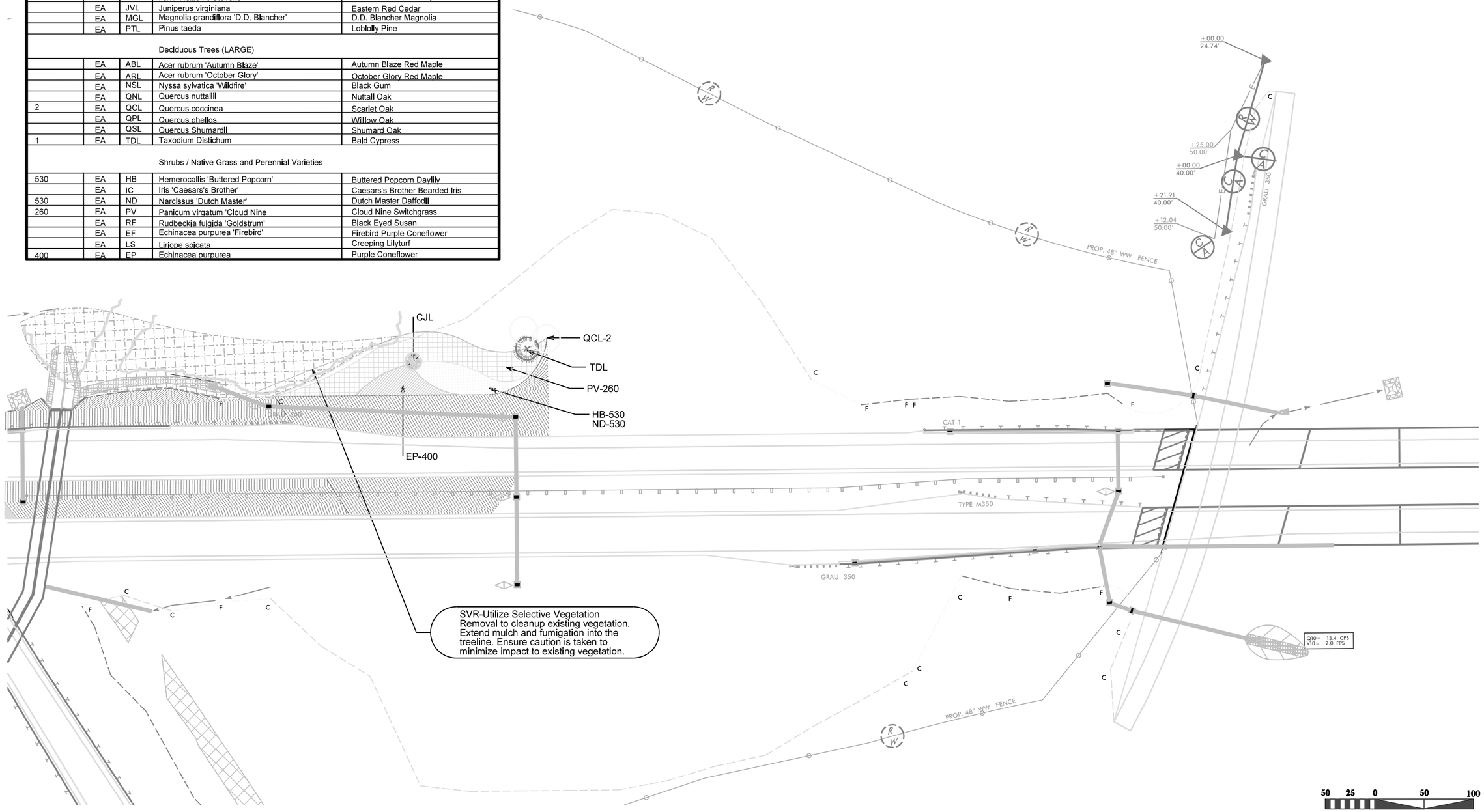
Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

L31C-L

07/09/97

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
1	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
	EA	JVL	Juniperus virginiana	Eastern Red Cedar
	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
	EA	QNL	Quercus nuttallii	Nuttall Oak
2	EA	QCL	Quercus coccinea	Scarlet Oak
	EA	QPL	Quercus phellos	Willlow Oak
	EA	QSL	Quercus Shumardii	Shumard Oak
1	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
530	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
530	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
260	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
	EA	LS	Liriope spicata	Creeping Lilyturf
400	EA	EP	Echinacea purpurea	Purple Coneflower



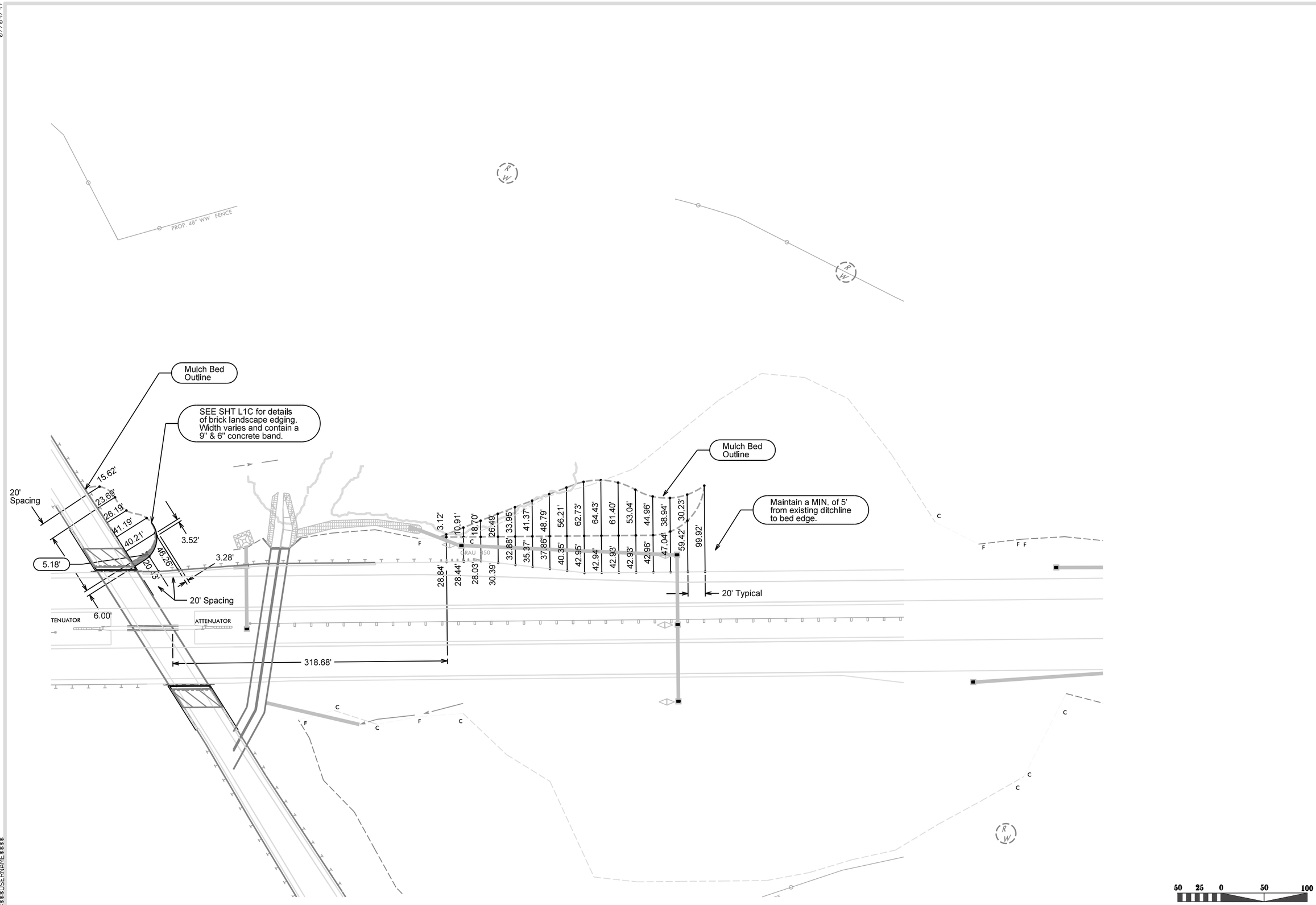
L31D

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L31D

07/09/97



L31D-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Layout Plan

L31D-L

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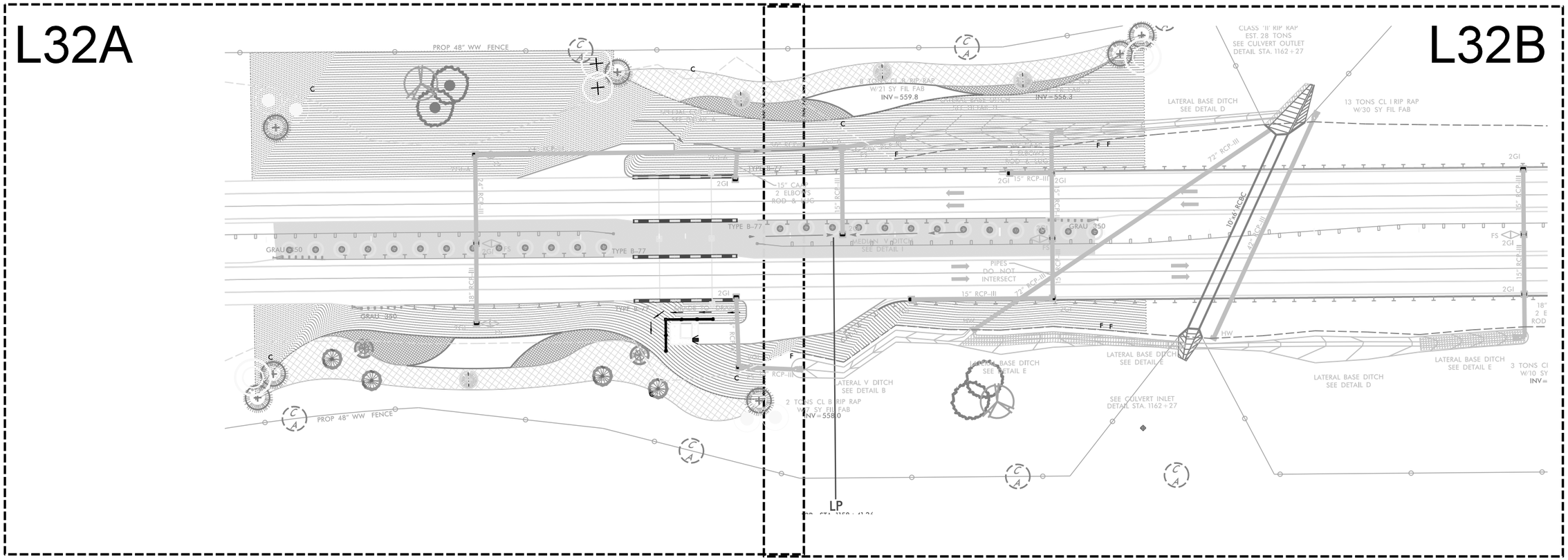
07/09/97

L32



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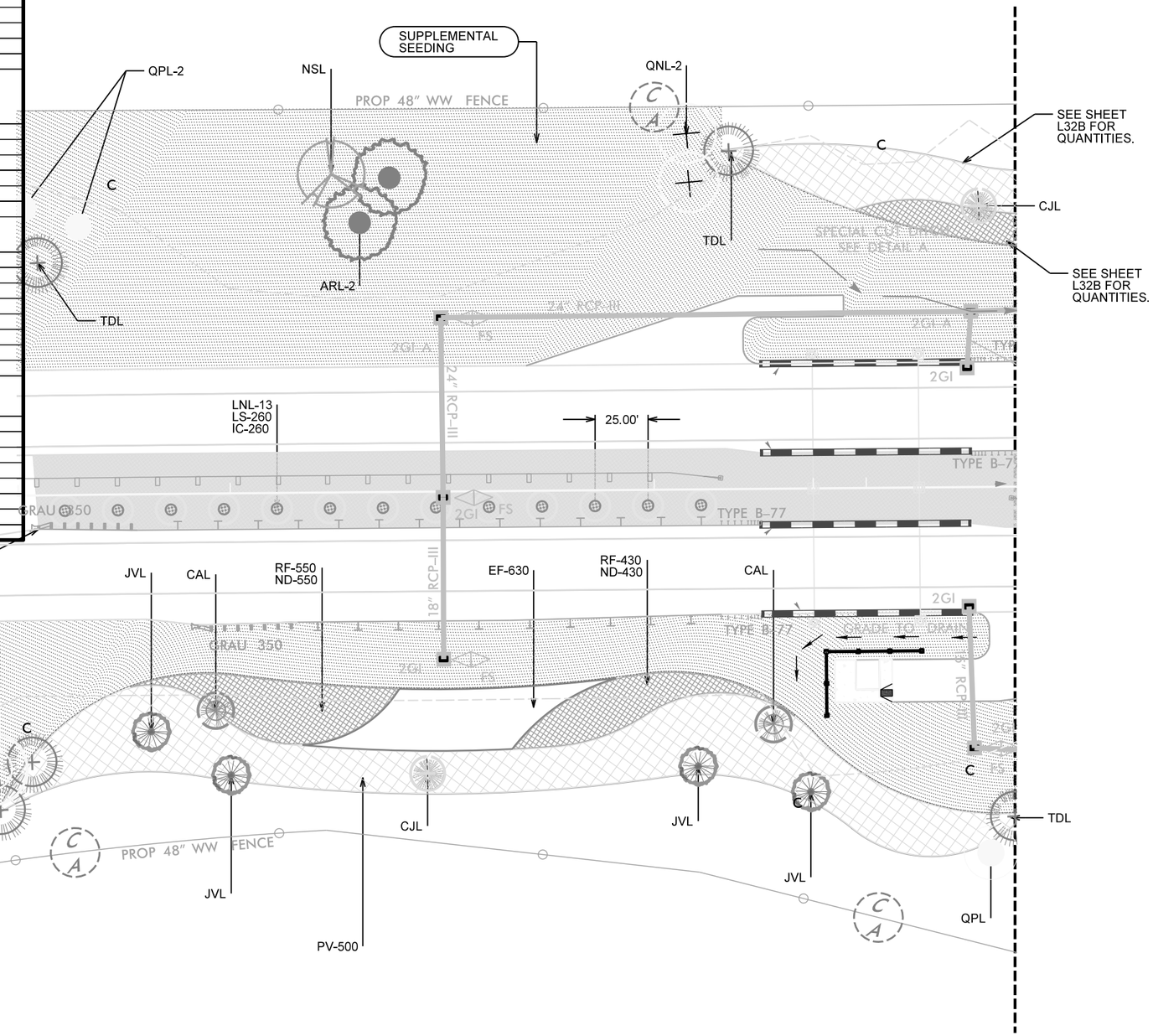
Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Toll Plaza N0.1 Sheet Layout

L32

07/09/97

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
13	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
2	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
2	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
4	EA	JVL	Juniperus virginiana	Eastern Red Cedar
	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
2	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
1	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
2	EA	QNL	Quercus nuttallii	Nuttall Oak
	EA	QCL	Quercus coccinea	Scarlet Oak
3	EA	QPL	Quercus phellos	Willlow Oak
1	EA	QSL	Quercus Shumardii	Shumard Oak
5	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
260	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
980	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
500	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
980	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
630	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
260	EA	LS	Liriope spicata	Creeping Lilyturf
	EA	EP	Echinacea purpurea	Purple Coneflower



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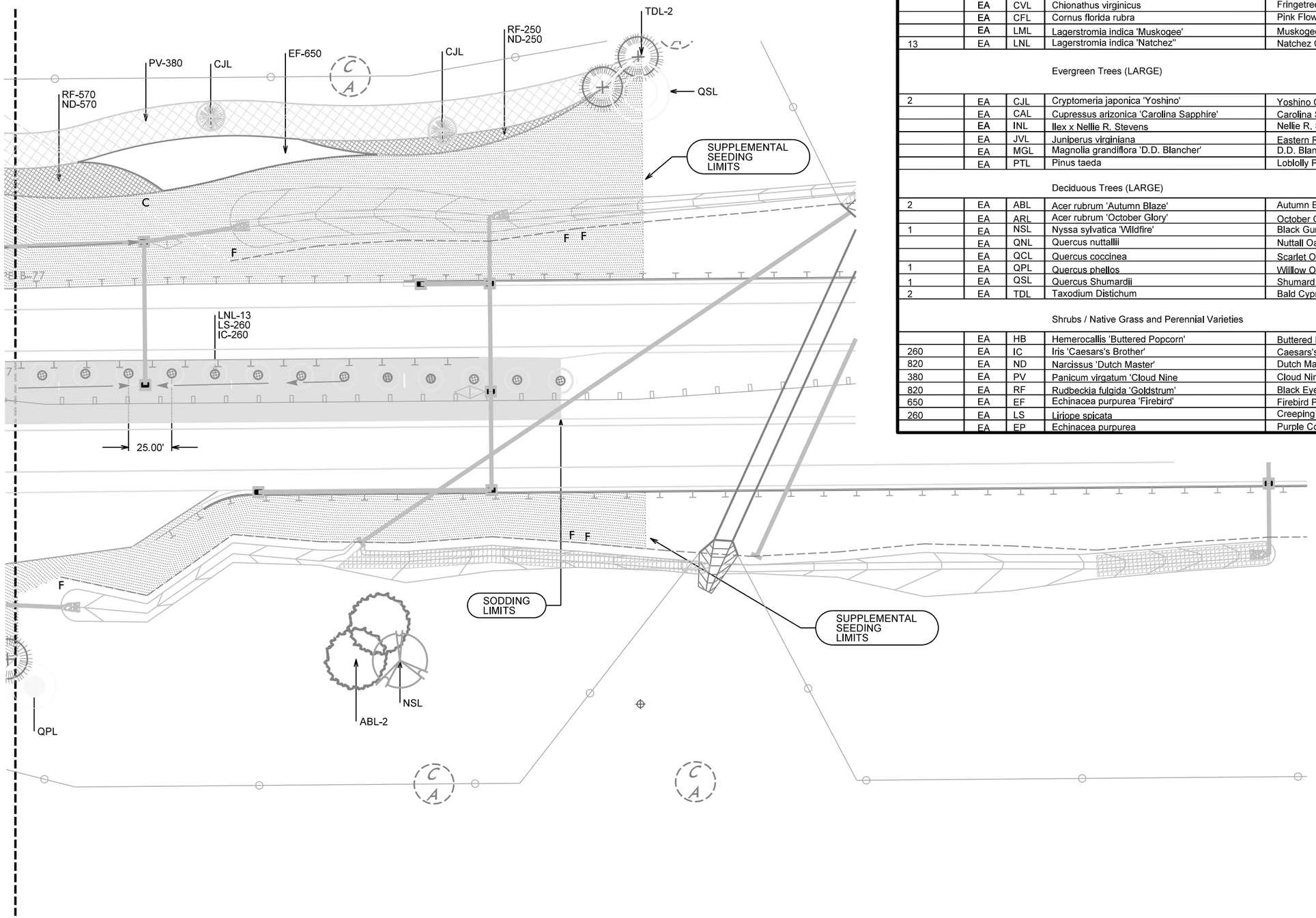
L32A

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L32A

Locate trees between ditchline and guardrails-CENTERED. Ensure tree rings are centered.
PROP 48" WW FENCE
PROP 48" WW FENCE
GRAU 350
GRAU 350
18" RCP-III
24" RCP-III
24" RCP-III
TYPE B-77
TYPE B-77
TYPE B-77
387.15'
25.00'
25'
41.88'
90°
90°
100.91'
89.91'
13.04'
80.53'
23.09'
72.63'
30.31'
66.11'
34.77'
60.89'
36.54'
56.90'
35.86'
91.23'
60.16'
21.38'
43.24'
32.23'
32.98'
39.56'
26.21'
45.15'
22.55'
49.51'
24.82'
50.49'
27.69'
50.31'
29.62'
50.17'
30.91'
50.07'
31.60'
50.02'
31.72'
50.00'
31.25'
50.02'
30.53'
50.08'
29.29'
50.19'
27.46'
50.33'
26.28'
49.36'
29.21'
46.59'
36.55'
42.70'
50.04'
36.59'
69.03'
29.99'
81.93'
29.45'
89.91'
25.27'
93.99'
18.03'
94.61'
5.94'
30
15
0
30
60



QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
13	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
2	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
	EA	JVL	Juniperus virginiana	Eastern Red Cedar
	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
2	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
1	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
	EA	QNL	Quercus nuttallii	Nuttall Oak
	EA	QCL	Quercus coccinea	Scarlet Oak
1	EA	QPL	Quercus phellos	Willlow Oak
1	EA	QSL	Quercus Shumardii	Shumard Oak
2	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
260	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
820	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
380	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
820	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
650	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
260	EA	LS	Liriope spicata	Creeping Lilyturf
	EA	EP	Echinacea purpurea	Purple Coneflower

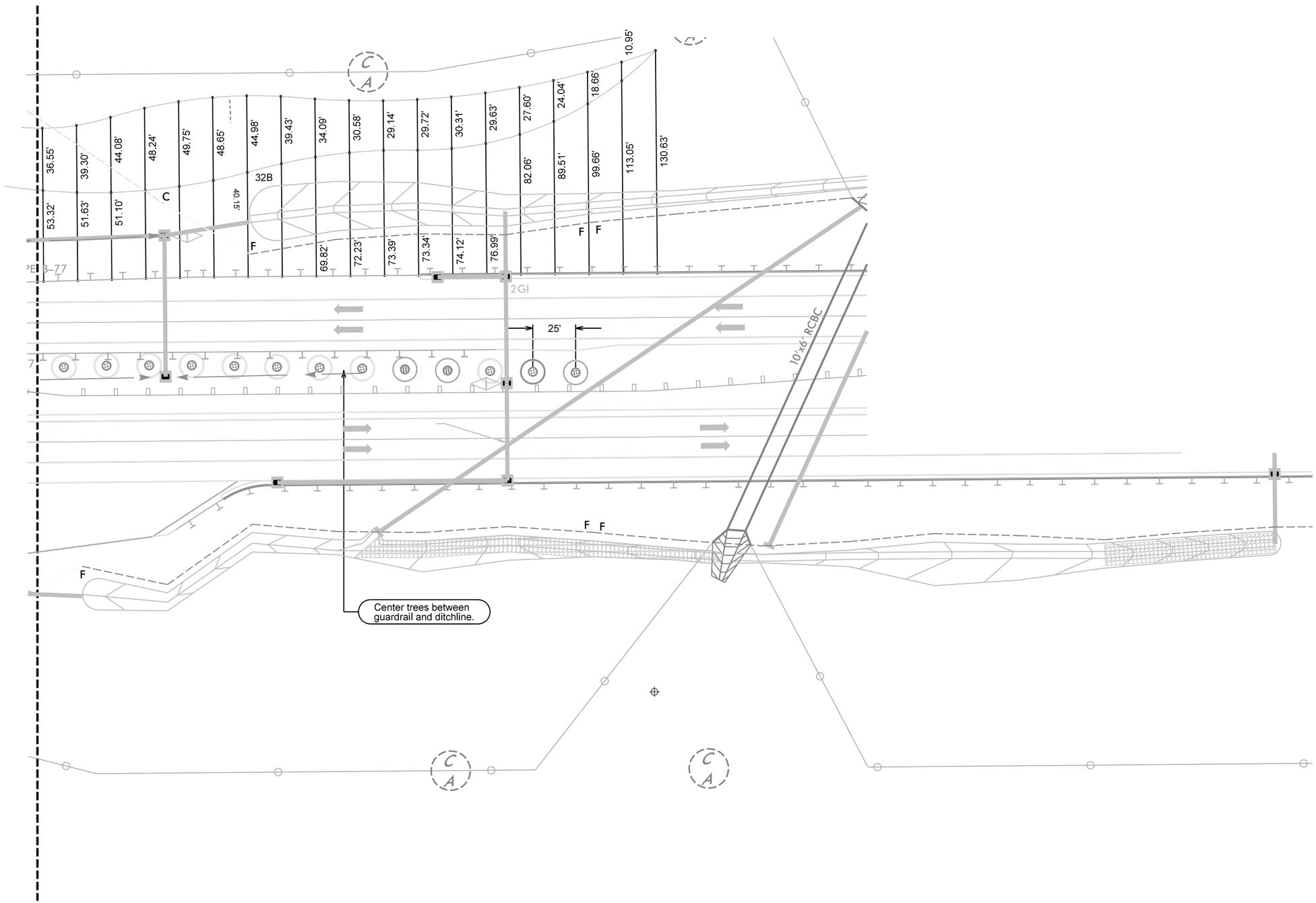
SHEET NO.
L32B

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L32B

07/09/97



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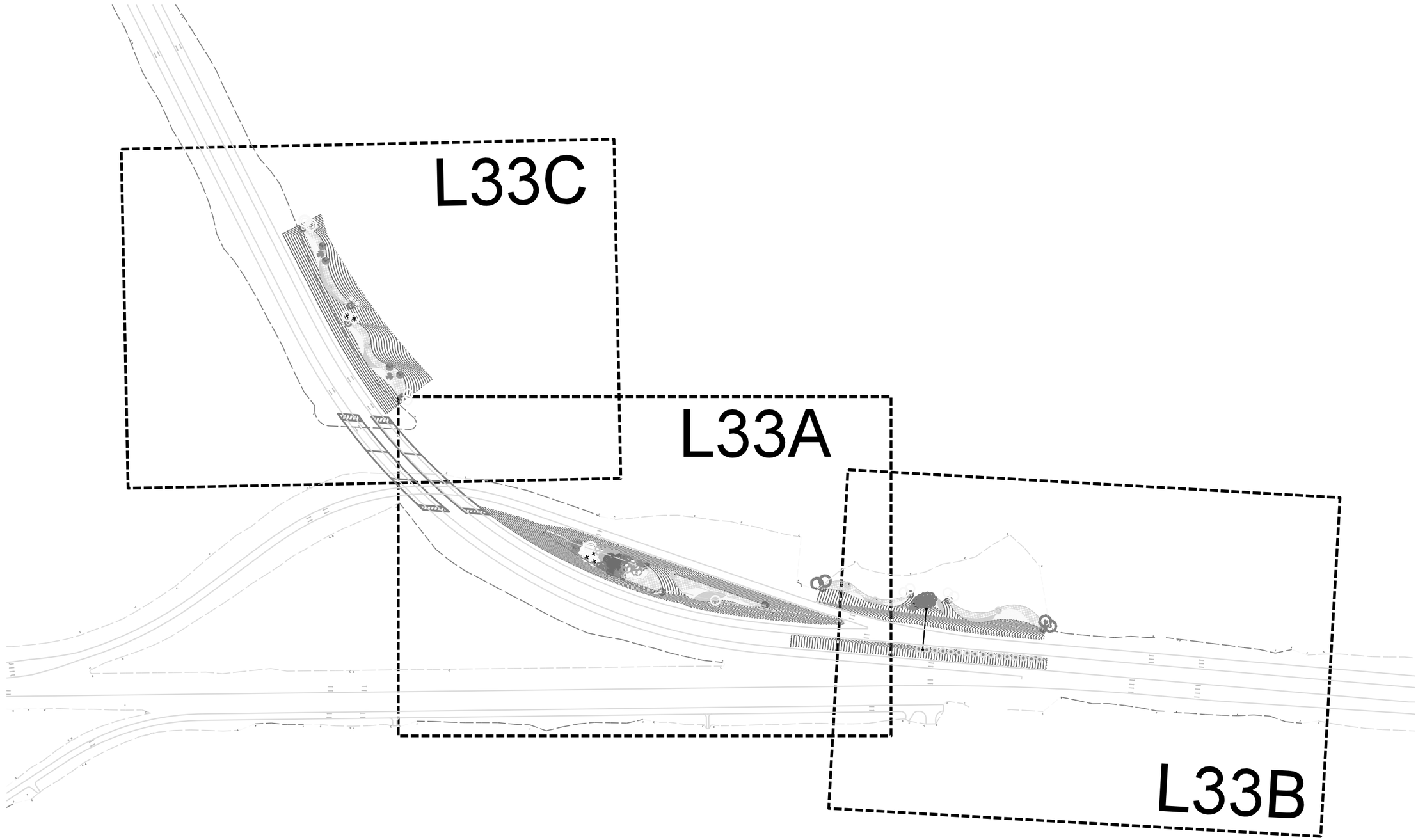
L32B

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L32B

07/09/97



SHEET NO.
L33

PROJECT REF. NO.

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
East Gateway Sheet Layout

L33

07/09/97

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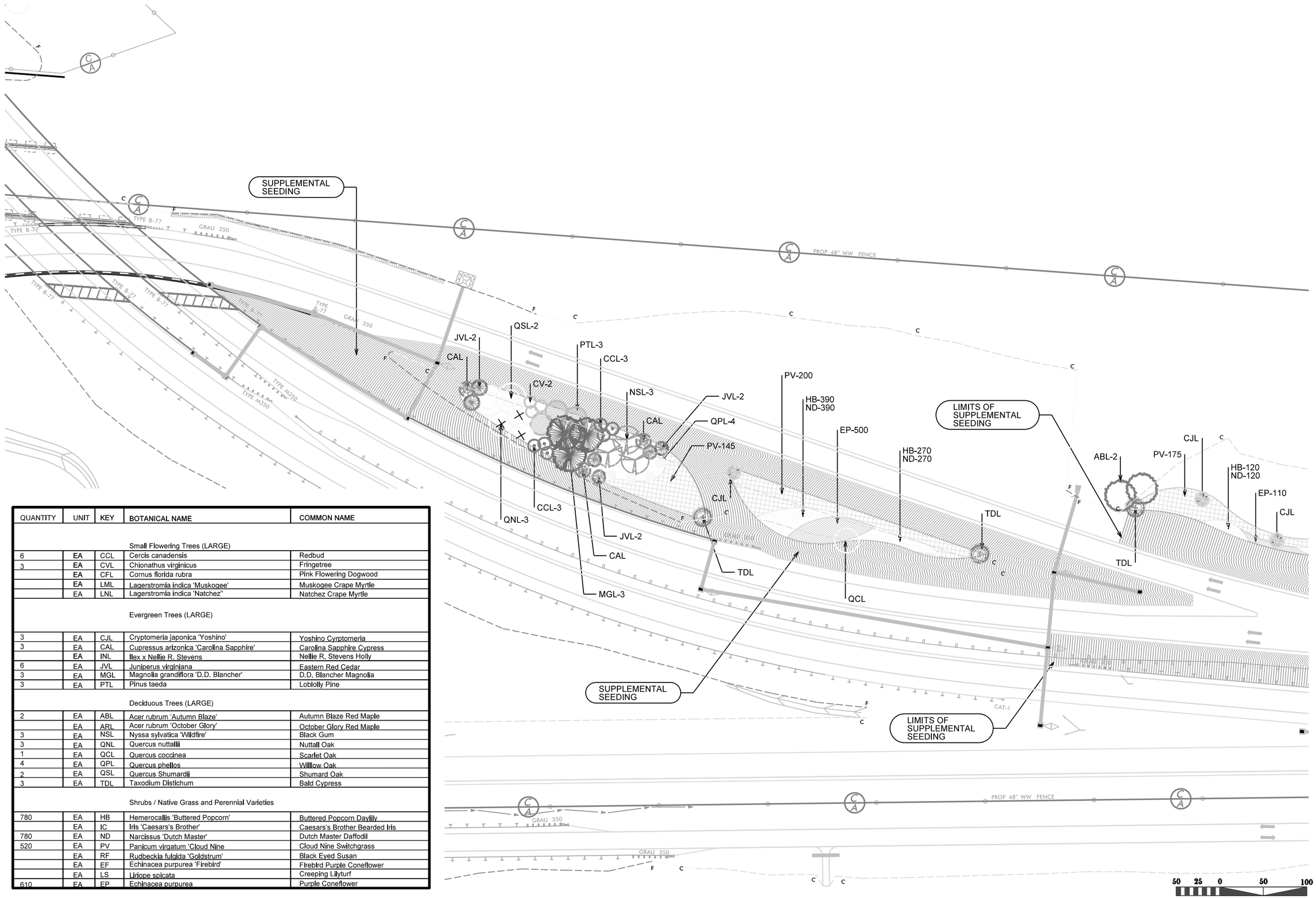


QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
6	EA	CCL	Cercis canadensis	Redbud
3	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
	EA	LNL	Lagerstromia indica 'Natchez'	Natchez Crape Myrtle
			Evergreen Trees (LARGE)	
3	EA	CJL	Cryptomeria japonica 'Yoshino'	Yoshino Cyrptomeria
3	EA	CAL	Cupressus arizonica 'Carolina Sapphire'	Carolina Sapphire Cypress
	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
6	EA	JVL	Juniperus virginiana	Eastern Red Cedar
3	EA	MGL	Magnolia grandiflora 'D.D. Blancher'	D.D. Blancher Magnolia
3	EA	PTL	Pinus taeda	Loblolly Pine
			Deciduous Trees (LARGE)	
2	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
3	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
3	EA	QNL	Quercus nuttallii	Nuttall Oak
1	EA	QCL	Quercus coccinea	Scarlet Oak
4	EA	QPL	Quercus phellos	Willlow Oak
2	EA	QSL	Quercus Shumardii	Shumard Oak
3	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
780	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
780	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
520	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
	EA	LS	Liriope spicata	Creeping Lilyturf
610	EA	EP	Echinacea purpurea	Purple Coneflower

07/09/97

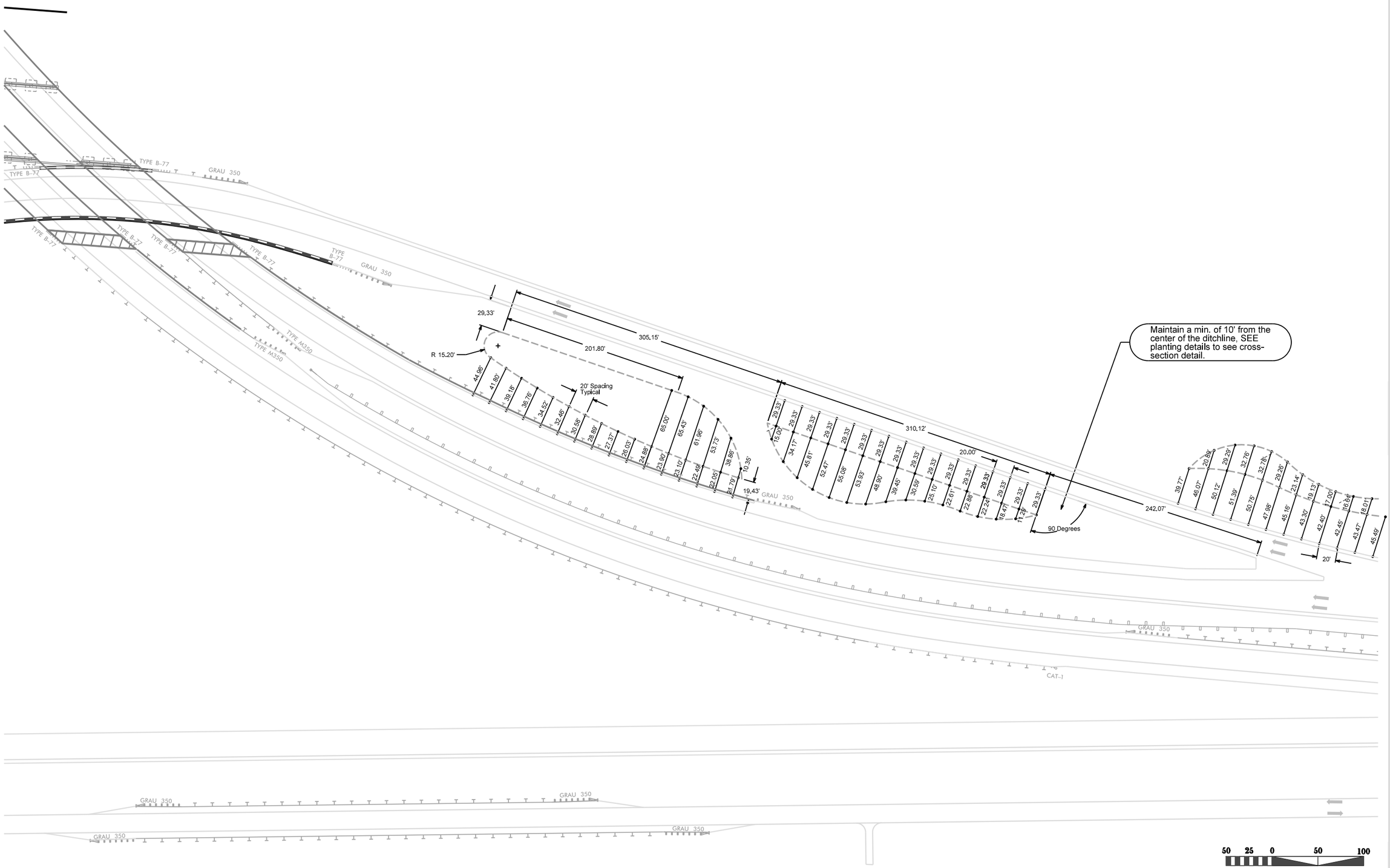
L33A

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
East Gateway Landscape PLan

L33A

07/09/97

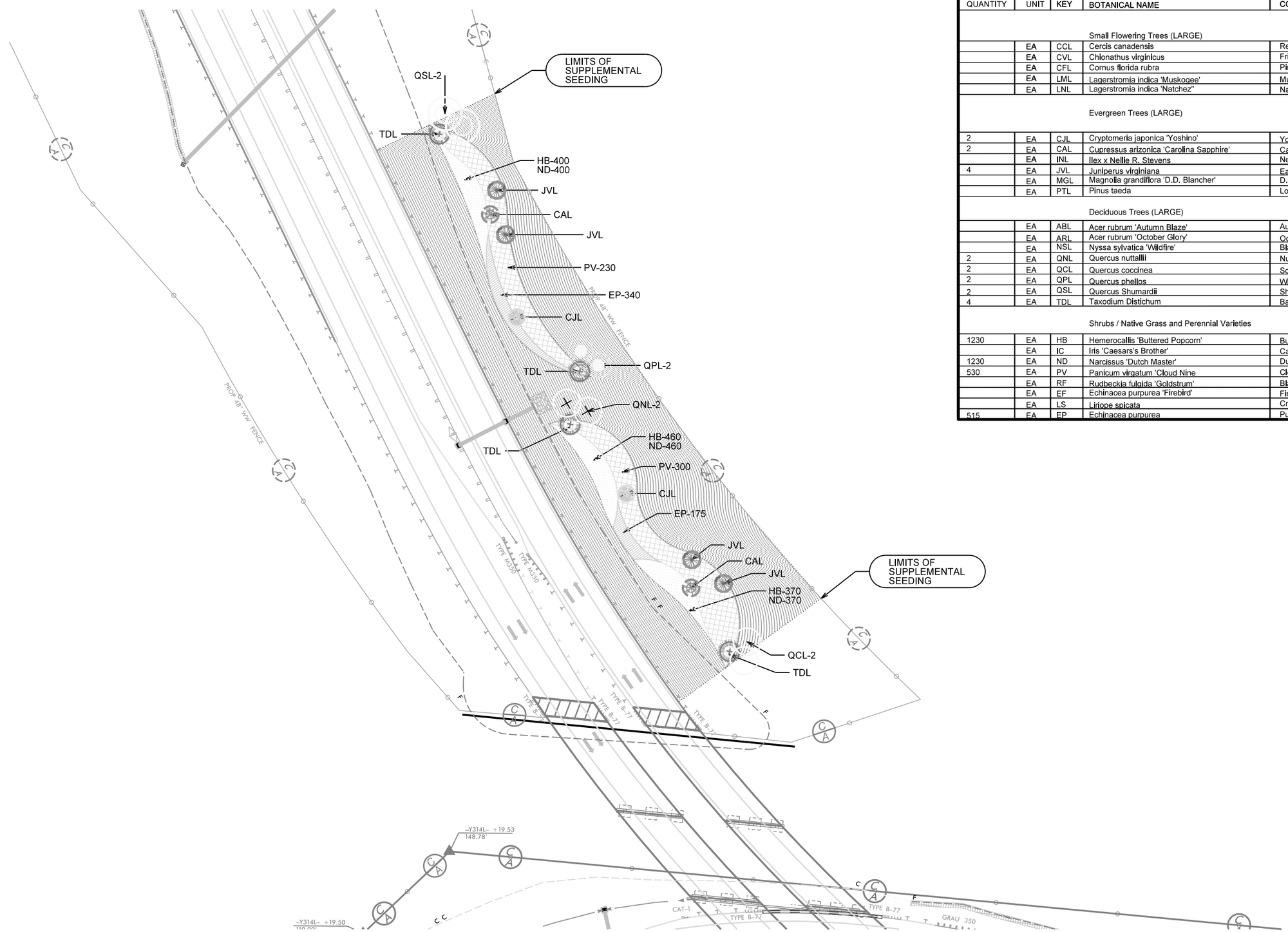


L33A-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Layout Plan

L33A-L



QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
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	EA	ABL	Acer rubrum 'Autumn Blaze'	Autumn Blaze Red Maple
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2	EA	QPL	Quercus phellos	Willlow Oak
2	EA	QSL	Quercus Shumardii	Shumard Oak
4	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
1230	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
1230	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
530	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
	EA	LS	Liriope spicata	Creeping Lilyturf
515	EA	EP	Echinacea purpurea	Purple Coneflower

L33B

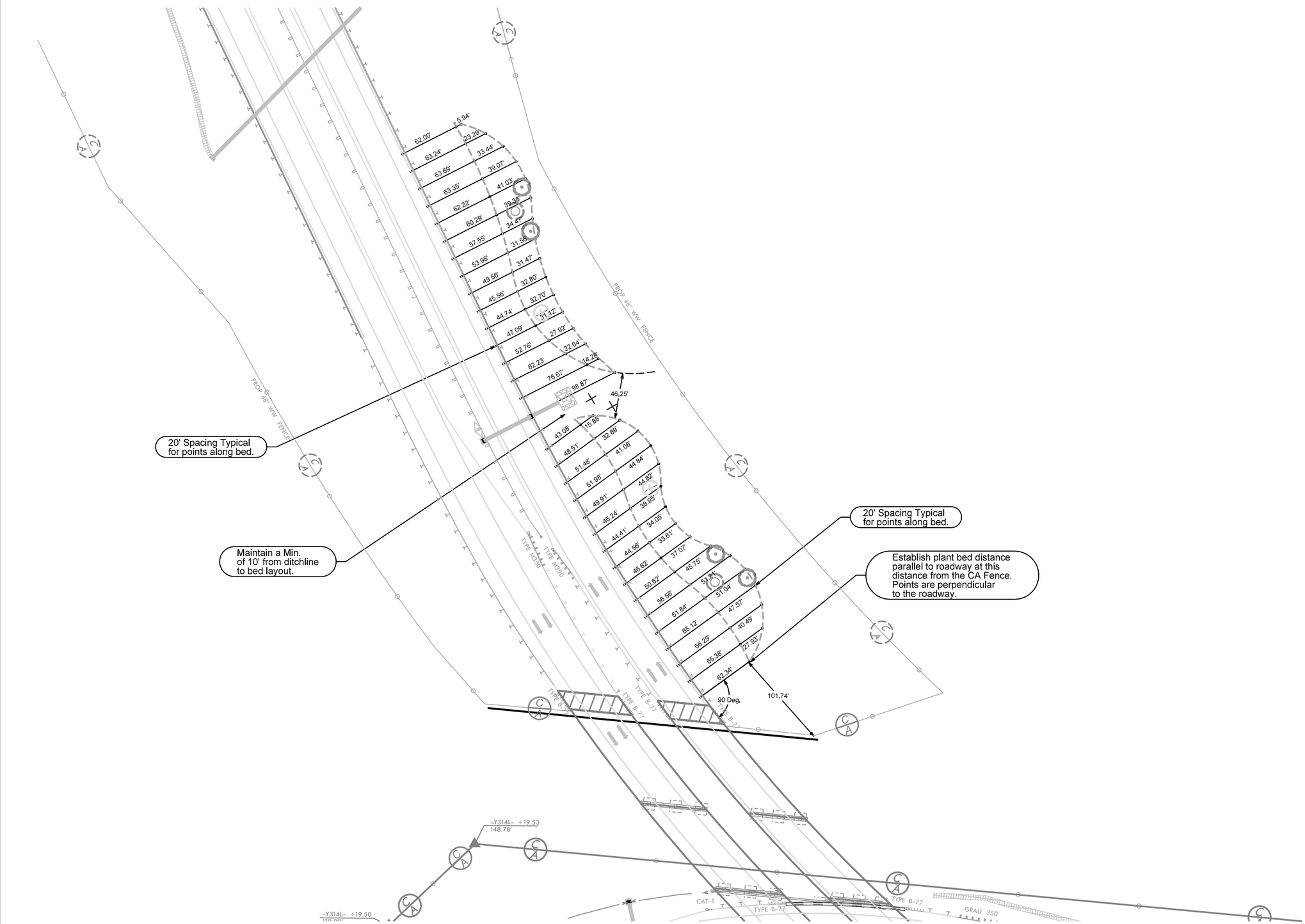
Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L33B

07/09/97

07/09/97

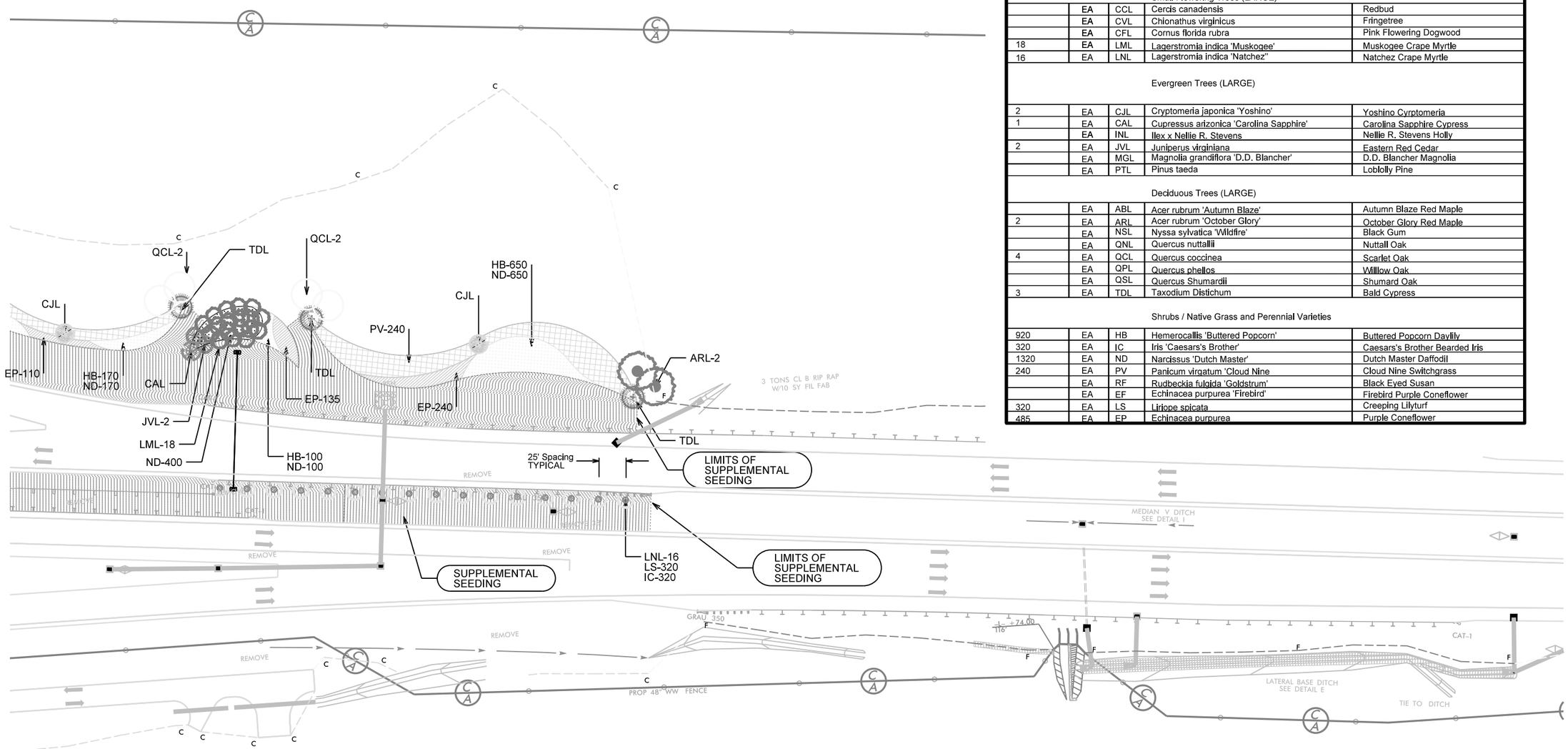


L33B-L

Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landcape Layout Plan

L33B-L



QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME
			Small Flowering Trees (LARGE)	
	EA	CCL	Cercis canadensis	Redbud
	EA	CVL	Chionathus virginicus	Fringetree
	EA	CFL	Cornus florida rubra	Pink Flowering Dogwood
18	EA	LML	Lagerstromia indica 'Muskogee'	Muskogee Crape Myrtle
16	EA	LNL	Lagerstromia indica 'Natchez"	Natchez Crape Myrtle
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	EA	INL	Ilex x Nellie R. Stevens	Nellie R. Stevens Holly
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2	EA	ARL	Acer rubrum 'October Glory'	October Glory Red Maple
	EA	NSL	Nyssa sylvatica 'Wildfire'	Black Gum
	EA	QNL	Quercus nuttallii	Nuttall Oak
4	EA	QCL	Quercus coccinea	Scarlet Oak
	EA	QPL	Quercus phellos	Willlow Oak
	EA	QSL	Quercus Shumardii	Shumard Oak
3	EA	TDL	Taxodium Distichum	Bald Cypress
			Shrubs / Native Grass and Perennial Varieties	
920	EA	HB	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily
320	EA	IC	Iris 'Caesars's Brother'	Caesars's Brother Bearded Iris
1320	EA	ND	Narcissus 'Dutch Master'	Dutch Master Daffodil
240	EA	PV	Panicum virgatum 'Cloud Nine	Cloud Nine Switchgrass
	EA	RF	Rudbeckia fulgida 'Goldstrum'	Black Eyed Susan
	EA	EF	Echinacea purpurea 'Firebird'	Firebird Purple Coneflower
320	EA	LS	Liriope spicata	Creeping Lilyturf
485	EA	EP	Echinacea purpurea	Purple Coneflower

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Monroe Expressway Enhancements & Aesthetics
Mecklenberg & Union County(s)
US 74 Bypass, North Carolina

N.C. Department of Transportation
Roadside Environmental Unit - Aesthetic Engineering Section
Landscape Plan

L33C

07/09/97

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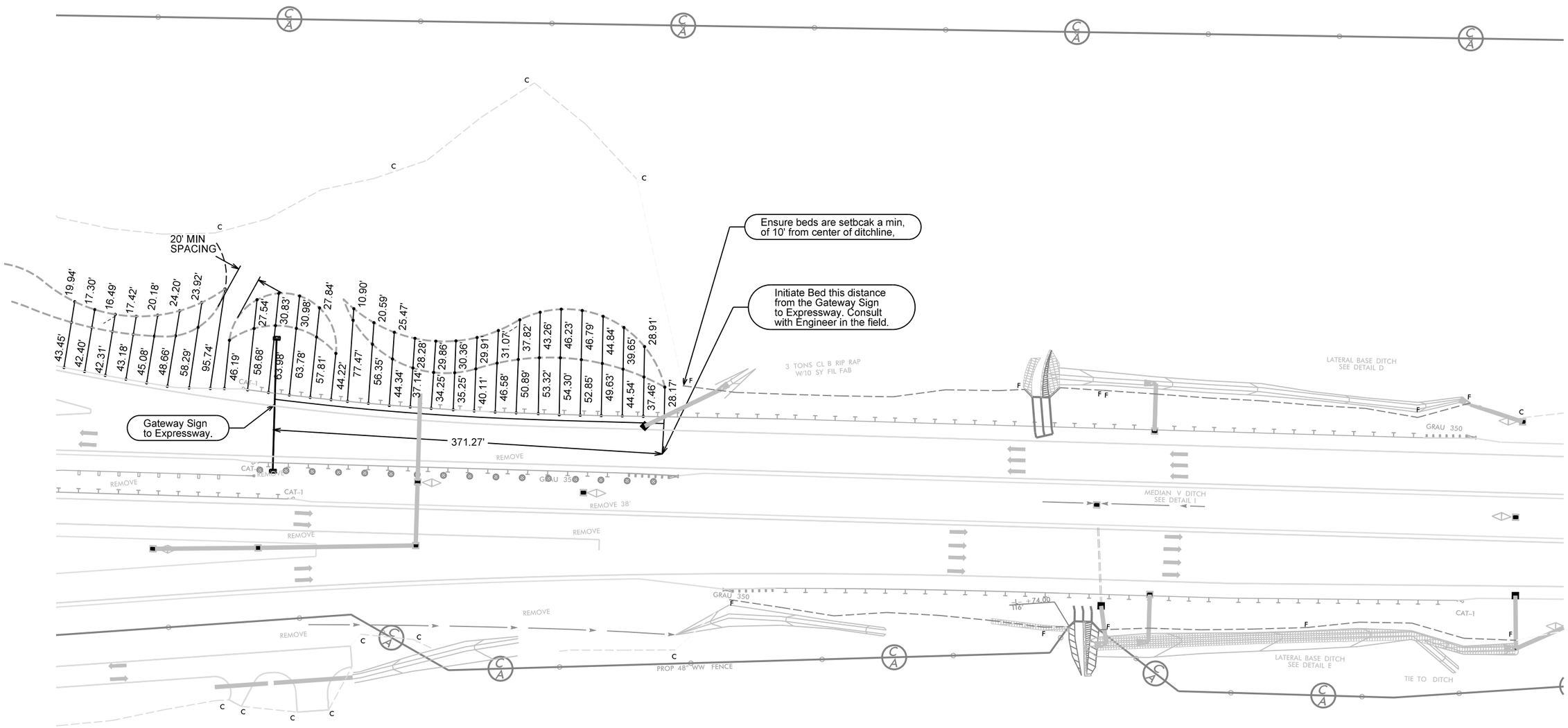

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