

MIHALY
LAND DESIGN
PLANNING + LANDSCAPE ARCHITECTURE
330 MILITARY CUTOFF RD., SUITE A3
WILMINGTON, NC 28405 910.392.4355



Revisions
2021-03-31: Revised per COW comments

CLIENT
CHILDRESS KLEIN
THREE PHASE A, LLC
WILMINGTON, NC

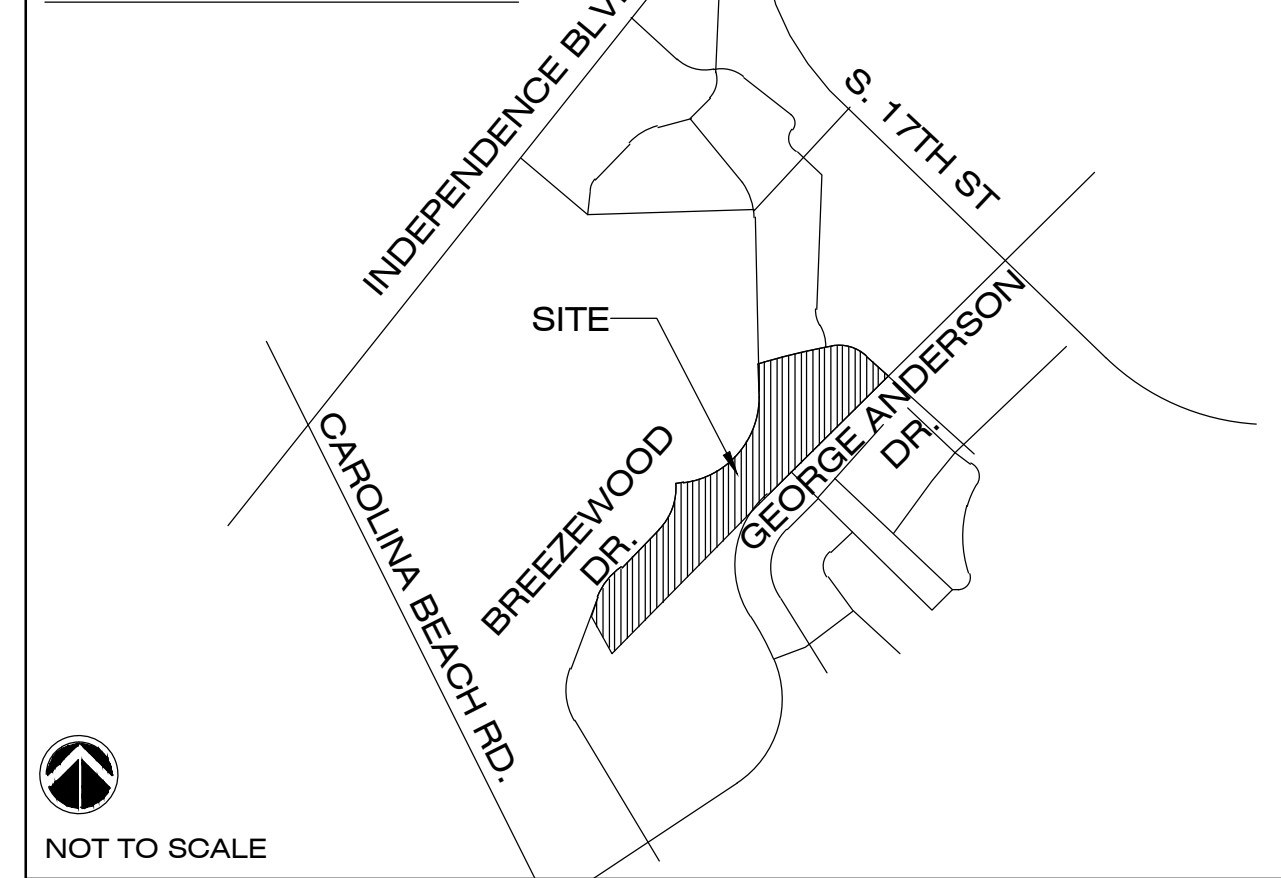
PROJECT
WILMINGTON THREE PHASE A
3743 INDEPENDENCE BLVD.
WILMINGTON, NC
LANDSCAPE PLAN

PERMIT SET

Date: 2021-01-13
Phase:
Job Number: 670-03
Designed by: MLD
Drawn by: MAS
Checked by: JWM
Sheet Title: OVERALL

Sheet Number:
L3.0
of 8 sheets

VICINITY MAP



NOT TO SCALE

BREEZEWOOD DR. STREETYARD REQUIREMENTS

REQUIRED	PROVIDED
7,785 SF (865 LF x 9)	13,218 SF
TREES REQUIRED: 13 (1/600 SF)	14 PROPOSED CANOPY TREES
SHRUBS REQUIRED: 78 (6/600 SF)	82 PROPOSED SHRUBS

BREEZEWOOD
PID: 06500-003-098-000
CB 11, PG 30
ZONING: MF-M (SD)
USE: MF RESIDENTIAL

BREEZEWOOD
PID: 06500-003-097-000
CB 11, PG 47
ZONING: MF-M (SD)
USE: MF RESIDENTIAL

DUSTY MILLER LANE STREETYARD REQUIREMENTS

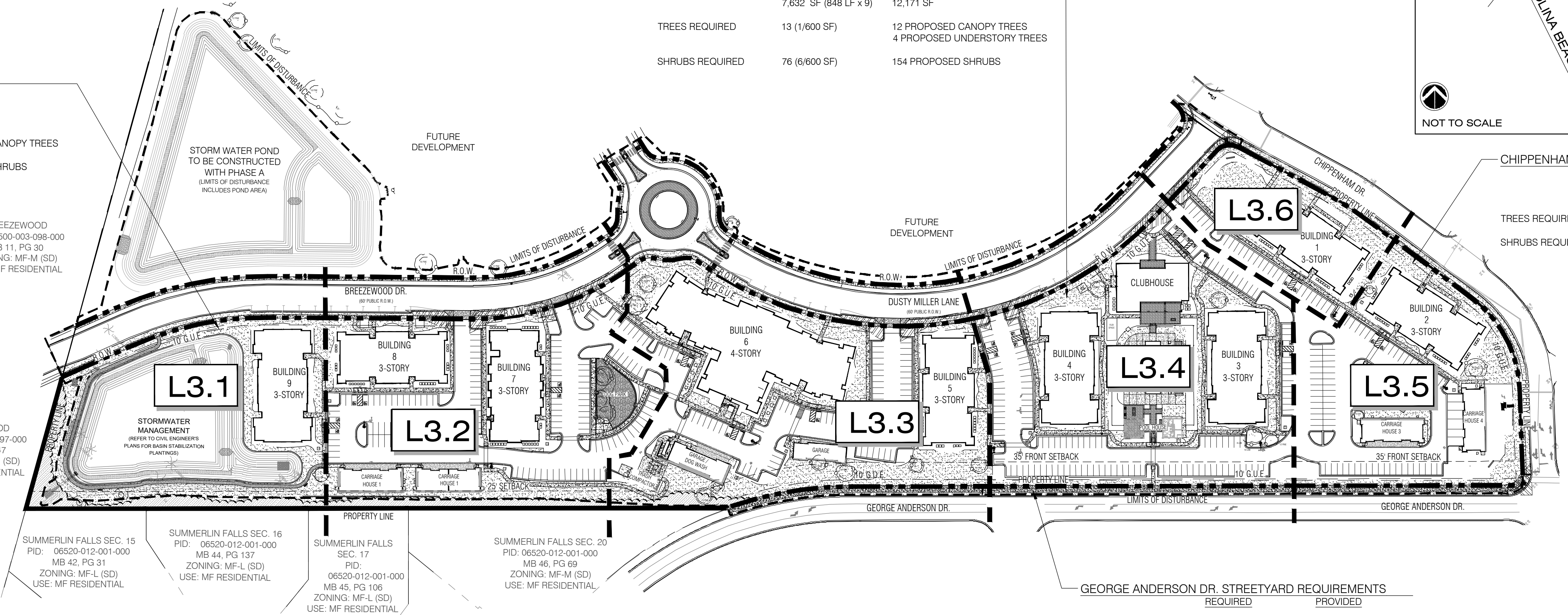
REQUIRED	PROVIDED
7,632 SF (848 LF x 9)	12,171 SF
TREES REQUIRED: 13 (1/600 SF)	12 PROPOSED CANOPY TREES 4 PROPOSED UNDERSTORY TREES
SHRUBS REQUIRED: 76 (6/600 SF)	154 PROPOSED SHRUBS

CHIPPENHAM DR. STREETYARD REQUIREMENTS

REQUIRED	PROVIDED
6,444 SF (716 LF x 9)	11,280 SF
TREES REQUIRED: 11 (1/600 SF)	11 PROPOSED CANOPY TREES
SHRUBS REQUIRED: 64 (6/600 SF)	72 PROPOSED SHRUBS

GEORGE ANDERSON DR. STREETYARD REQUIREMENTS

REQUIRED	PROVIDED
20,790 SF (865 LF x 18)	21,754 SF
TREES REQUIRED: 35 (1/600 SF)	36 PROPOSED CANOPY TREES
SHRUBS REQUIRED: 208 (6/600 SF)	210 PROPOSED SHRUBS



SITE DATA

ADDRESS:	3743 INDEPENDENCE BLVD
PARCEL ID:	R06500-003-031-000
PARCEL OWNER:	CAMERON PROPERTIES LAND CO., LLC
ZONING:	MF-M (CD)
TOTAL SITE AREA:	83.05 AC (3,617,658 SF)
TOTAL DISTURBED AREA:	21.75 AC (947,430 SF)
SITE AREA PHASE A:	14.5 AC (631,620 SF)
FUTURE LAND USE:	URBAN
CAMA LAND USE:	N/A
WETLANDS:	N/A
FLOOD HAZARD:	PARCEL LOCATED IN FLOOD ZONE "X", WHICH IS NOT A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY FEMA FLOOD PANEL 3125 MAP NUMBER 33720312500KK, DATED 08/28/2018

LANDSCAPE REQUIREMENTS

REQUIRED	PROVIDED	REQUIRED	PROVIDED
PARKING LOT CANOPY COVERAGE (171,071 SF x 20%)			
34,214 SF 34,214 SF / 707 SF = 48 LARGE TREES	58 LARGE TREES (707 x 56 = 39,592 SF)		
PRIMARY STREET YARD PLANTING STREETYARD: MULTIPLIER 10			
GEORGE ANDERSON DR.			
1,155 LF x 18 20,790 SF REQUIRED	21,754 SF		
TREES REQUIRED: 35 (1/600 SF)	36 PROPOSED CANOPY TREES		
SHRUBS REQUIRED: 208 (6/600 SF)	210 PROPOSED SHRUBS		
SECONDARY STREET YARD PLANTING STREETYARD: MULTIPLIER 9			
BREEZEWOOD DR.			
913 LF x 46 LF (DRIVEWAYS) = 865 x 9 7,785 SF REQUIRED	13,218 SF		
TREES REQUIRED: 13 (1/600 SF)	14 PROPOSED CANOPY TREES		
SHRUBS REQUIRED: 78 (6/600 SF)	82 PROPOSED SHRUBS		
DUSTY MILLER LANE			
920 LF x 72 LF (DRIVEWAYS) = 848 x 9 7,632 SF REQUIRED	12,171 SF		
TREES REQUIRED: 13 (1/600 SF)	4 PROPOSED UNDERSTORY TREES		
SHRUBS REQUIRED: 76 (6/600 SF)	154 PROPOSED SHRUBS		
CHIPPENHAM DR.			
716 LF x 9 6,444 SF REQUIRED	11,280 SF		
TREES REQUIRED: 11 (1/600 SF)	11 PROPOSED CANOPY TREES 4 PROPOSED UNDERSTORY TREES		
SHRUBS REQUIRED: 64 (6/600 SF)	72 PROPOSED SHRUBS		
FOUNDATION PLANTING 12% FACADE AREA			
BUILDING #1 SOUTH 668 SF (159 LF x 35' HT x 12)	1,094 SF		
BUILDING #2 SOUTH 668 SF (159 LF x 35' HT x 12)	1,094 SF		
BUILDING #3 NORTH EAST 357 SF (85 LF x 35' HT x 12)	703 SF		
BUILDING #3 NORTH SOUTH 357 SF (85 LF x 35' HT x 12)	513 SF		

NOTE: REFER TO CIVIL ENGINEERS PLANS, SHEET C-1.5 ENTITLED "TREE REMOVAL PLAN", FOR TOTAL NUMBER OF TREES REQUIRED FOR MITIGATION

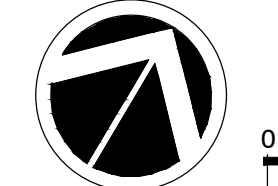
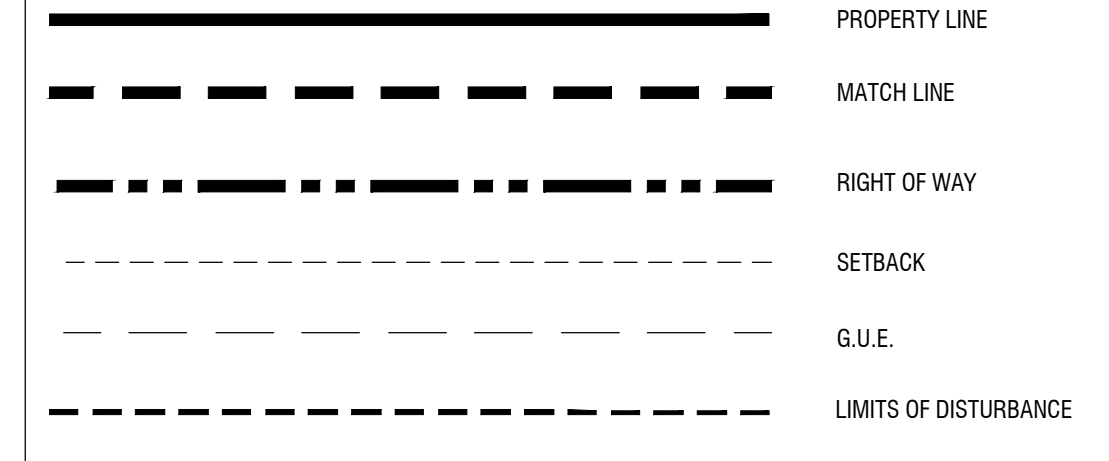
SHEET INDEX

L3.0	OVERALL
L3.1	PLANTING PLAN
L3.2	PLANTING PLAN
L3.3	PLANTING PLAN
L3.4	PLANTING PLAN
L3.5	PLANTING PLAN
L3.6	PLANTING PLAN
L3.7	PLANTING DEATILS

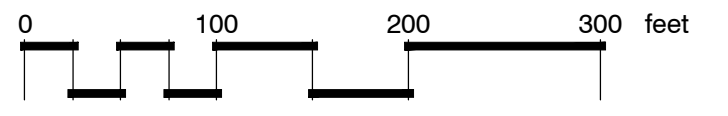
GENERAL NOTES

- STREETYARD NOTES:**
- ALL SHRUBS TO BE A MINIMUM OF 12" HEIGHT AT TIME OF PLANTING
- SIGHT TRIANGLE NOTES:**
- ALL PROPOSED VEGETATION WITHIN SIGHT DISTANCES TRIANGLES SHALL NOT INTERFERE WITH CLEAR SIGHT LINES FROM 30' - 10'.
- TREE PROTECTION NOTES:**
- PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING

SYMBOL LEGEND

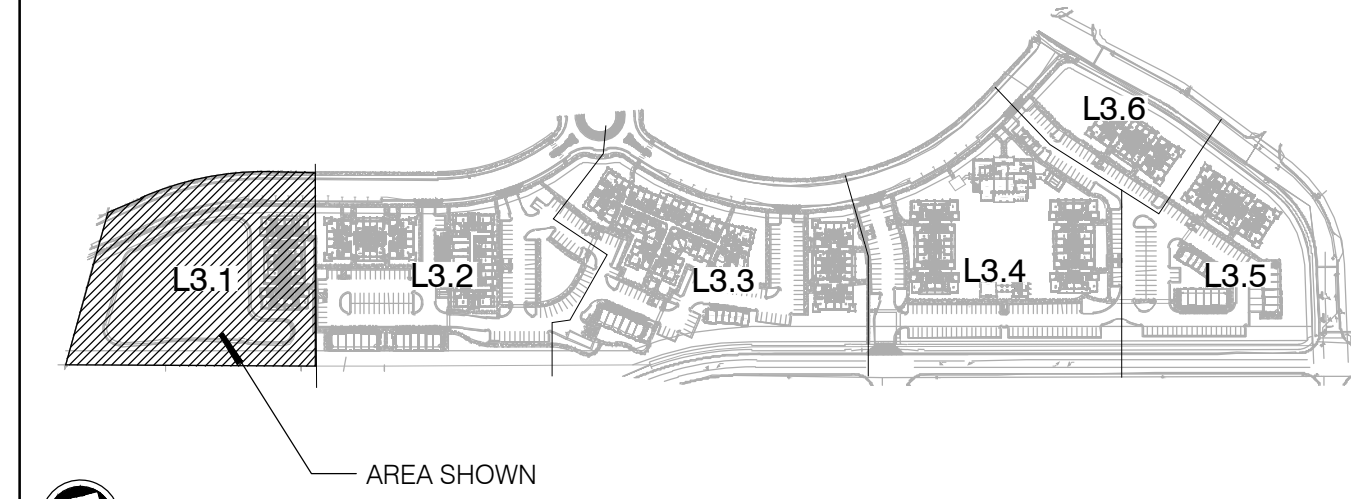


NORTH



SCALE: 1" = 100'

KEY MAP



NOT TO SCALE

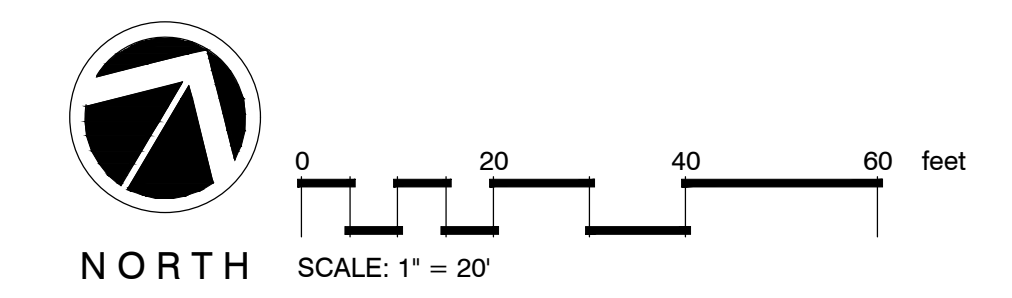
PLANT SCHEDULE L3.1

TREES	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	MIN. REQ. SIZE	QTY
	Betula nigra / River Birch / Durastar	8 & 8		2" CAL	2" CAL	5
	Ilex s.s. / Egleston / Egleston Holly	8 & 8	1.5' - 2' CAL	8-10' HT	8-10' HT	7
	Magnolia g. / D.D. Blanchard / Southern Magnolia	8 & 8		8-10' HT	2" CAL	8
	Pinus taeda / Loblolly Pine	25 GAL		2" CAL		46
	Ulmus p. / Emer II / Alee Elm	8 & 8		2" CAL		18
SHRUBS	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY	
	Distylium myricoides / Cinnamon Girt / Distylium	7 gal	24-30" HT		45	
	Hydrangea p. / Linedlight / Linedlight Hydrangea	3 gal	18-24" HT		12	
	Ligustrum japonicum / Tree Form Ligustrum	8 & 8	6-8' HT		6	
	Loropetalum c. / Ruby / Ruby Loropetalum	7 gal	24-36" HT		16	
	Miscanthus s. / Adagio / Adagio Estata Grass	3 gal	18-24" HT		28	
	Myrica cerifera / Wax Myrtle	7 gal		3' HT	25	
	Nandina domestica / Harbour Dwarf / Dwarf Heavenly Bamboo	7 gal	18-24" HT		36	
	Podocarpus macrophyllus maki / Shrubby Yew	7 gal	3-4' HT		30	
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	SIZE	SPACING	QTY	
	Liriope gigantea / Giant Liriope	1 GAL	12-18" HT	24" o.c.	105	
SOD/SEED	BOTANICAL / COMMON NAME	CONT	SIZE	SPACING	QTY	
	Zoysia japonica / Creame / Korean Grass	sod				

NOTE:
- IN CASES WHERE PLANT CONTAINER SIZE & PLANT HEIGHT DIFFER, PLANT HEIGHT SHALL PREVAIL.

SYMBOL LEGEND

	PROPERTY LINE
	MATCH LINE
	RIGHT OF WAY
	SETBACK
	G.U.E.
	STREETYARD
	LIMITS OF DISTURBANCE
	EXISTING TREES TO REMAIN
	TREES UTILIZED TO MEET MITIGATION REQUIREMENTS



81 LF OF WALL FACING BREEZEWOOD DRIVE
(81 LF x 35' = 2,835 sf)

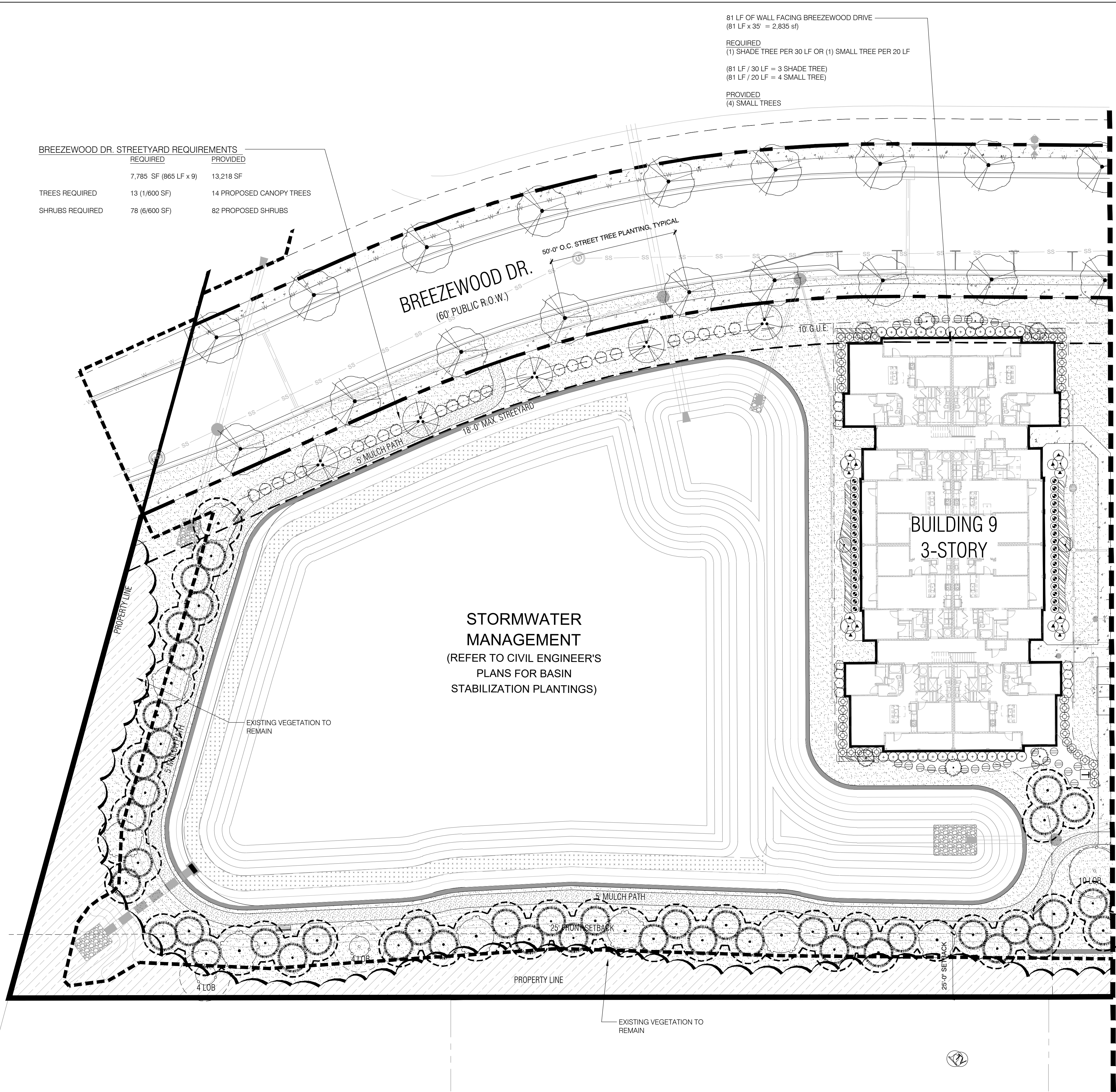
REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF

(81 LF / 30 LF = 3 SHADE TREE)
(81 LF / 20 LF = 4 SMALL TREE)

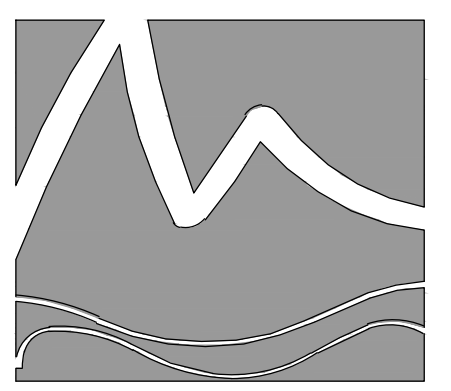
PROVIDED
(4) SMALL TREES

BREEZEWOOD DR. STREETYARD REQUIREMENTS

	REQUIRED	PROVIDED
	7,785 SF (865 LF x 9)	13,218 SF
TREES REQUIRED	13 (1/600 SF)	14 PROPOSED CANOPY TREES
SHRUBS REQUIRED	78 (6/600 SF)	82 PROPOSED SHRUBS



STORMWATER MANAGEMENT
(REFER TO CIVIL ENGINEER'S PLANS FOR BASIN STABILIZATION PLANTINGS)



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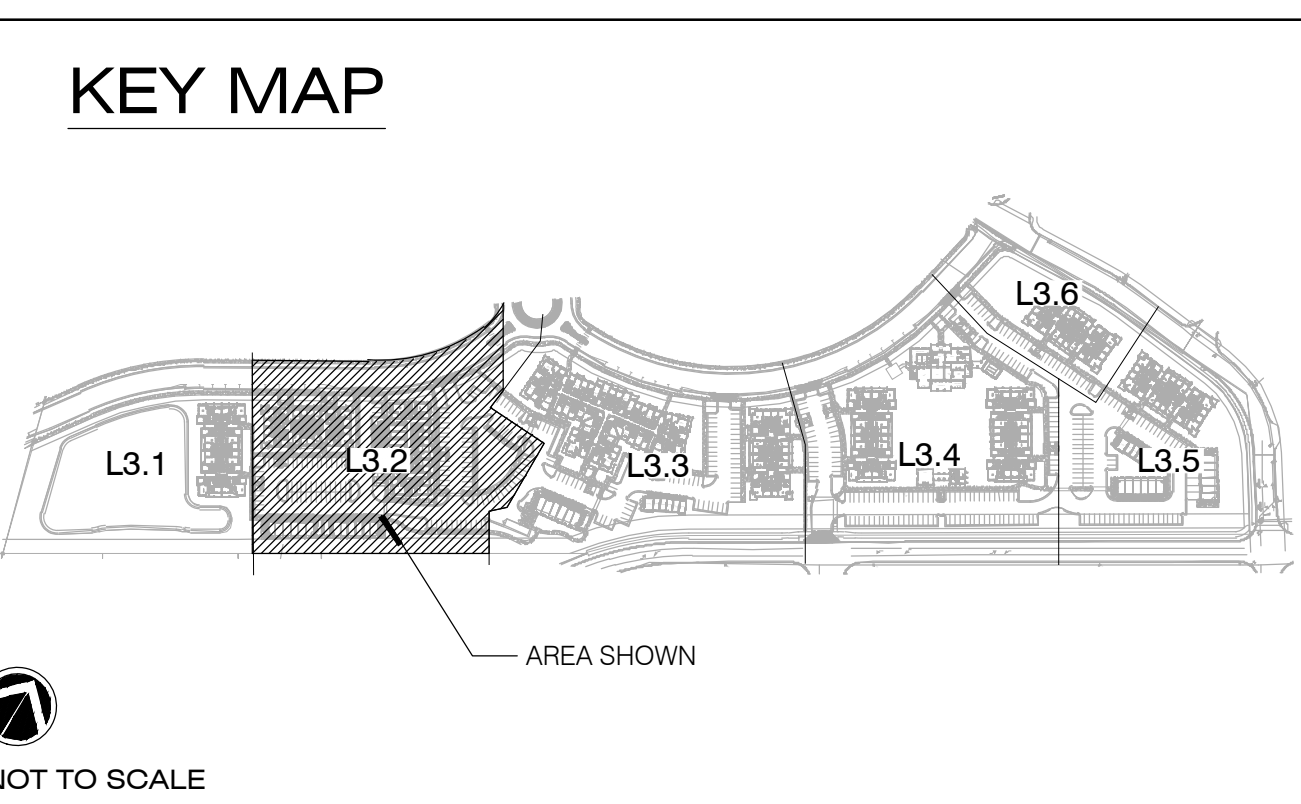
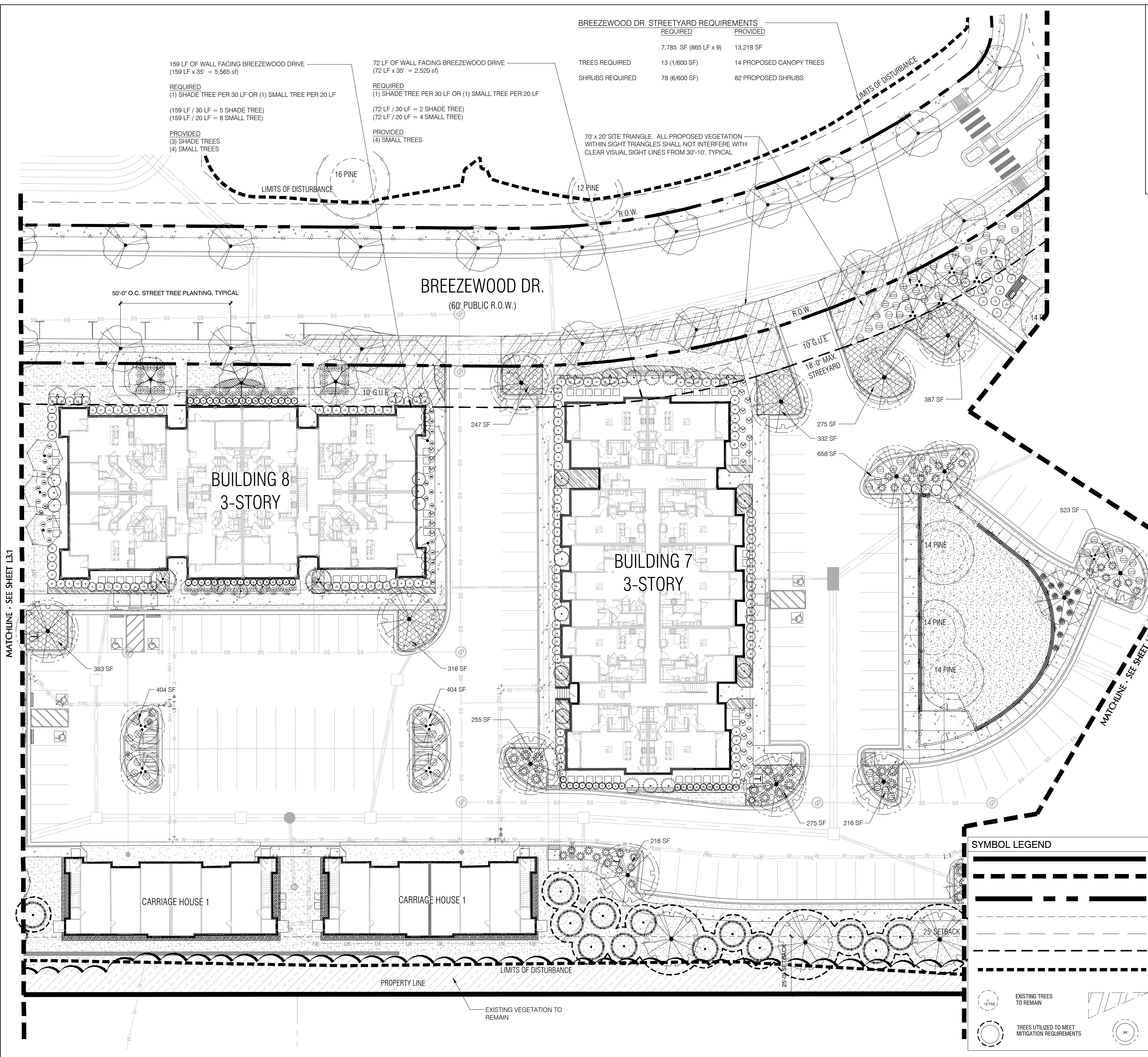
PROJECT
WILMINGTON THREE PHASE A
3743 INDEPENDENCE BLVD.
WILMINGTON, NC
LANDSCAPE PLAN

PERMIT SET

Date: 2021-01-13
Phase:
Job Number: 670-03
Designed by: MLD
Drawn by: MAS
Checked by: JWM

Sheet Title:
PLANTING PLAN

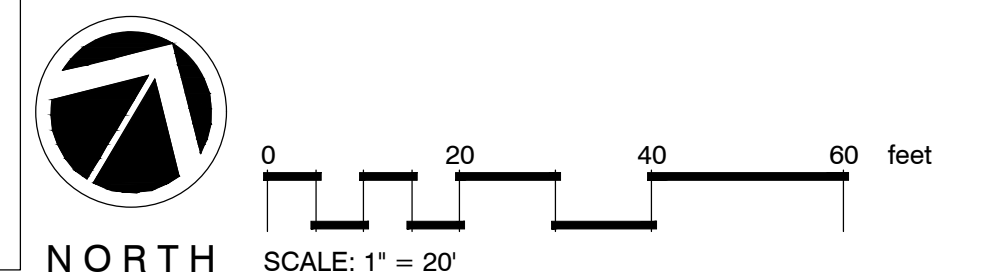
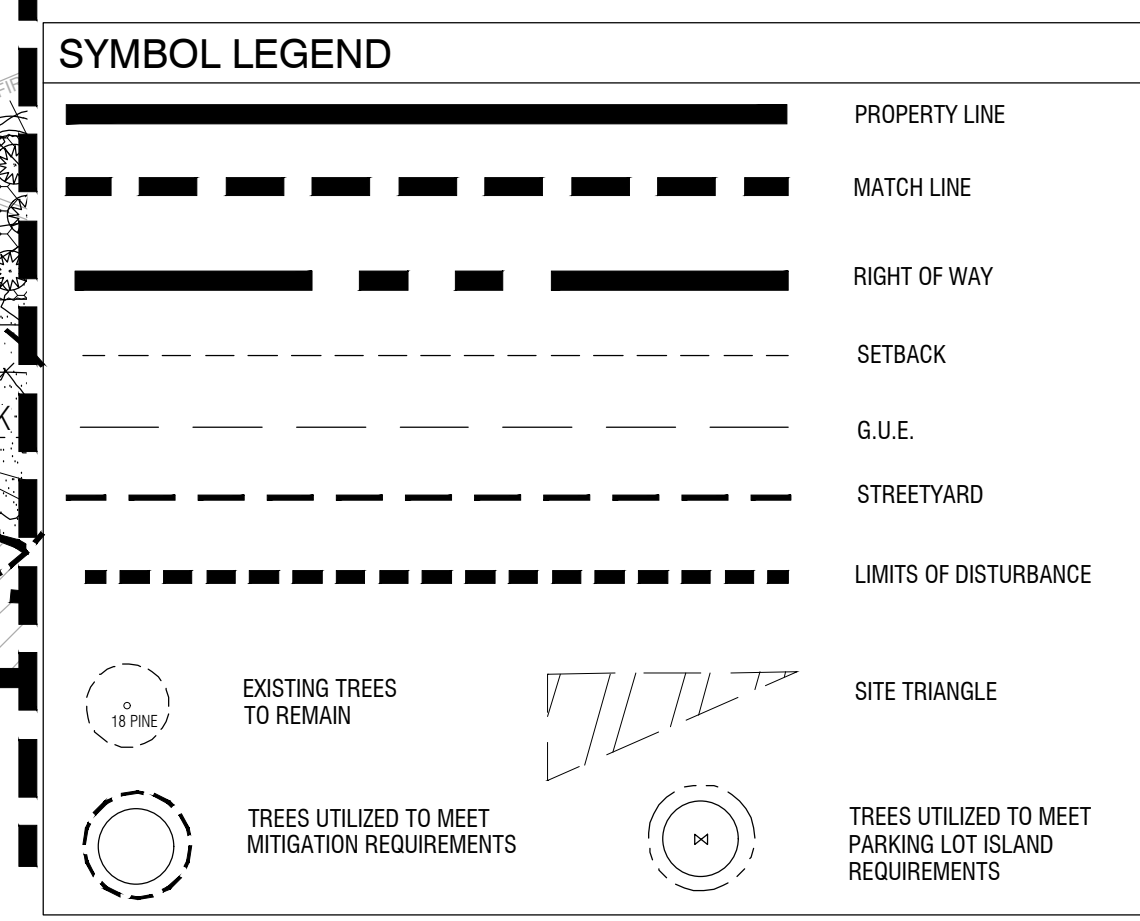
Sheet Number:
L3.1
of 8 sheets



PLANT SCHEDULE L3.2

TREES	BOTANICAL / COMMON NAME	CONT	GAL	SIZE	MIN. REQ. SIZE	QTY
	Acer rubrum / Autumn Blaze / Autumn Blaze Red Maple	B & B			2" CAL	3
	Betula nigra / River Birch / Duraheat	B & B			2" CAL	10
	Ilex x. Eageston / Eageston Holly	B&B	1.5'-2" CAL	8-10 HT	8-10 HT	7
	Ilex x. East Palatka / Single Stem East Palatka Holly	25 GAL		6-8 HT		5
	Lagerstroemia l. Muskegee / Muskegee Crape Myrtle	B&B	2" CAL	8-10 HT		2
	Lagerstroemia l. Pink Veil / Pink Veil Crape Myrtle	25 GAL		6-7 HT		8
	Lagerstroemia l. Natchez / Natchez Crape Myrtle	B & B	2" CAL	8-10 HT		1
	Pinus taeda / Loblolly Pine	25 GAL		2" CAL		13
	Quercus virginiana / Southern Live Oak	B & B			2" CAL	17
	Ulmus p. 'Emer II' / Aline Elm	B&B			2" CAL	16
SHRUBS	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY	
	Ilex vomitoria / Dwarf Yaupon	3 gal	15-18" HT		57	
	Ligularia japonicum / Tree Form Ligularia	B&B	6-8 HT		3	
	Miscanthus s. Adagio / Adagio Eulalia Grass	3 gal	18-24" HT		63	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT		12	
	Myrica verticillata / Wax Myrtle	7 gal			3 HT	
	Osmanthus fragrans / Sweet Olive	25 gal	5-6 HT		6	
	Pittosporum l. 'Variegata' / Variegated Pittosporum	3 gal	18-24" HT		47	
	Pittosporum tobira / Wheeler's Dwarf / Dwarf Pittosporum	3 gal	12-15" HT		27	
	Podocarpus macrophyllus / Shrubby Yew	7 gal	3-4 HT		117	
	Podocarpus macrophyllus / Dwarf Pringle / Dwarf Podocarpus	7 gal	24-30" HT		55	
	Rosa x. 'Meiglandi' / Red Dill Rose	3 gal	12-15" HT		26	
	Sabal minor / Dwarf Palmetto	3 gal	18-24" HT		48	
	Trachelospermum jasminoides / Confederate / Confederate Jasmine	3 gal	18-24" HT		13	
	Viburnum odoratissimum / Sweet Viburnum	7 gal			3 HT	
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	SIZE	SPACING	QTY	
	Liriodendron b. 'Giant Liriodendron'	1 GAL	12-18" HT	24" o.c.	293	
	Liriodendron b. 'Lily Turf'	1 gal	12-15" HT	12" o.c.	87	
	Ruellia brittanica / Mexican Petunia	3 gal	15-24" HT	24" o.c.	18	
	Trachelospermum s. 'Asiatic' / Asiatic Jasmine	1 qt	6-12" HT	24" o.c.	599	
SOD/SEED	BOTANICAL / COMMON NAME	CONT	SIZE	SPACING	QTY	
	Zoysia japonica / Creame / Korean Grass	600				

NOTE:
 - IN CASES WHERE PLANT CONTAINER SIZE & PLANT HEIGHT DIFFER, PLANT HEIGHT SHALL PREVAIL.



Revisions
 2021-03-31: Revised per COW comments

CLIENT
CHILDRESS KLEIN
 THREE PHASE A, LLC
 WILMINGTON, NC

PROJECT
WILMINGTON THREE PHASE A
 3743 INDEPENDENCE BLVD.
 WILMINGTON, NC
 LANDSCAPE PLAN

PERMIT SET

Date: 2021-01-13
 Phase:
 Job Number: 670-03
 Designed by: MLD
 Drawn by: MAS
 Checked by: JWM

Sheet Title:
 PLANTING PLAN

Sheet Number:
L3.2
 of 8 sheets

DUSTY MILLER LANE STREETYARD REQUIREMENTS

REQUIRED	PROVIDED
7,632 SF (848 LF x 9')	12,171 SF
TREES REQUIRED 13 (1/600 SF)	12 CANOPY TREES 4 UNDERSTORY TREES
SHRUBS REQUIRED 76 (6/600 SF)	154 PROPOSED SHRUBS

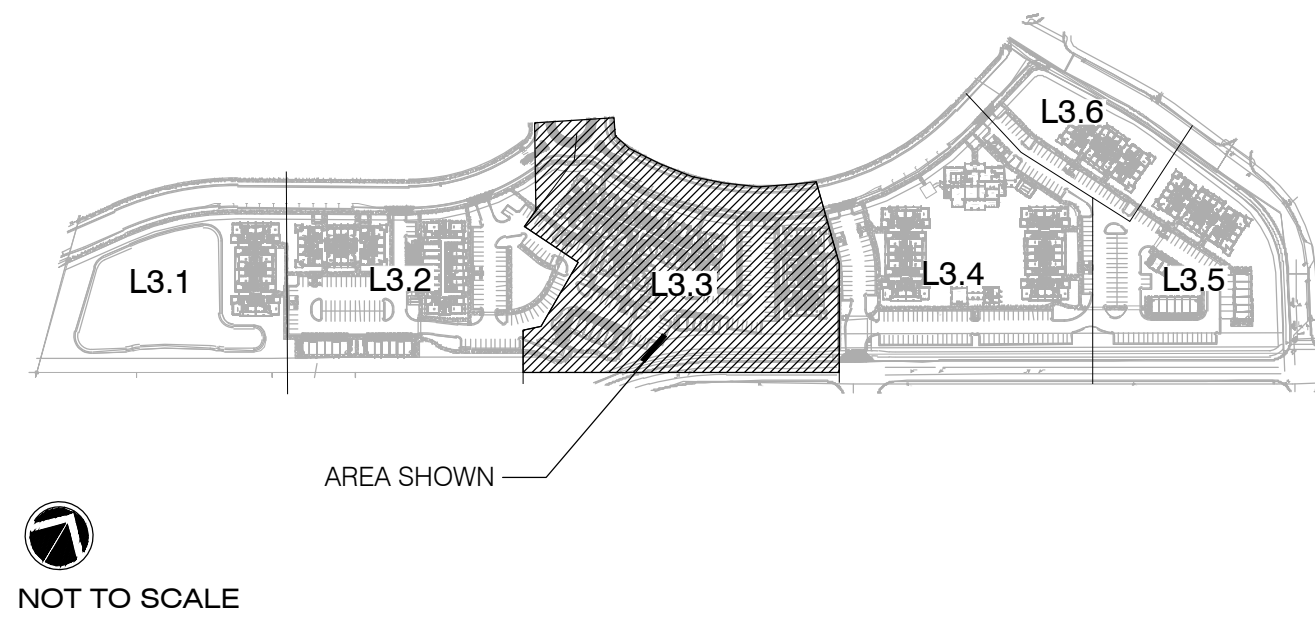
NOTE:
- IN CASES WHERE PLANT CONTAINER SIZE & PLANT HEIGHT DIFFER, PLANT HEIGHT SHALL PREVAIL.

PLANT SCHEDULE L3.3

TREES	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY
⊗	Acer palmatum / Green Leaf Japanese Maple	15 GAL	1" CAL	3-4' HT	2
⊗	Acer rubrum / Autumn Blaze / Autumn Blaze Red Maple	8.5 B		2" CAL	2
⊗	Malus sp. / Silver Birch / Chaucer	8.5 B		2" CAL	4
⊗	Malus sp. / Exeter / Exeter Holly	8.5 B	1" CAL	3-10' HT	10
⊗	Ligustrum sp. / Manisago / Manisago Crepe Myrtle	8.5 B	2" CAL	3-10' HT	10
⊗	Ligustrum sp. / Pink Veil / Pink Veil Crepe Myrtle	25 GAL		3-7' HT	14
⊗	Ligustrum sp. / Natchez / Natchez Crepe Myrtle	8.5 B	2" CAL	3-10' HT	5
⊗	Magnolia sp. / D.D. Blanchard / D.D. Southern Magnolia	8.5 B		3-10' HT	3
⊗	Pinus taeda / Loblolly Pine	25 GAL		2" CAL	37
⊗	Quercus virginiana / Southern Live Oak	8.5 B		2" CAL	10
⊗	Ulmus sp. / Elm II / Allen Elm	8.5 B		2" CAL	12
⊗	Thuja occidentalis / Ley of the Nile	3 gal	24-30" HT		19
⊗	Thuja occidentalis / Cinnamon Girl / Salsbury	7 gal	24-30" HT		20

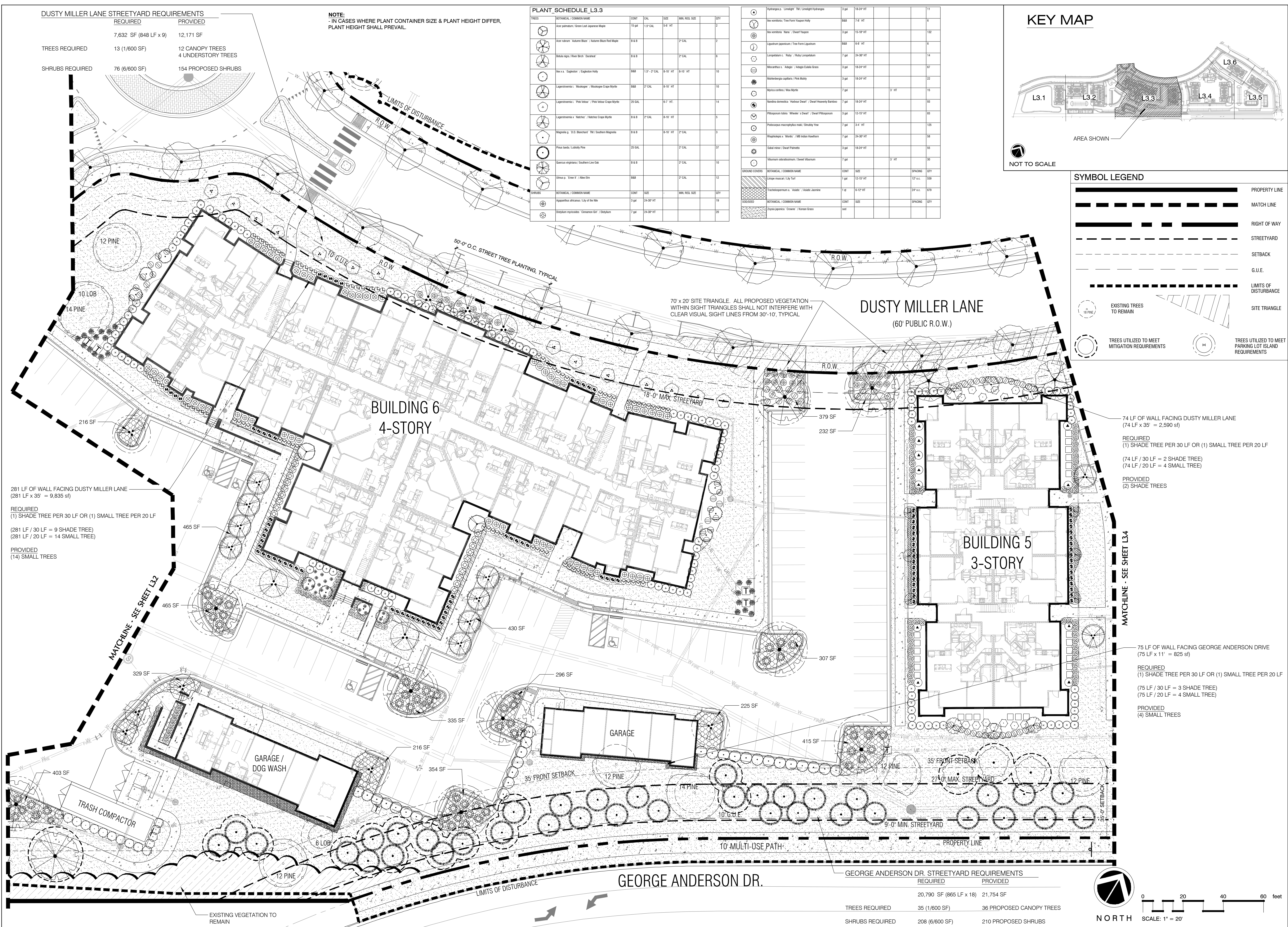
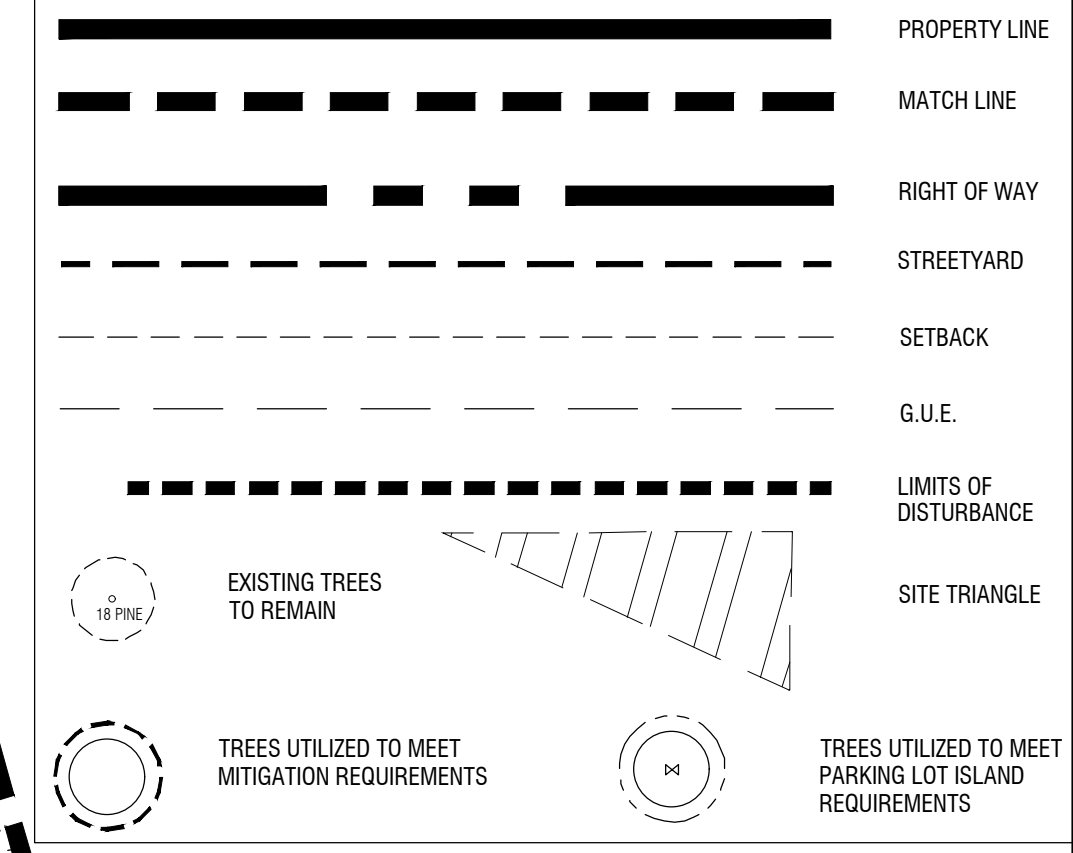
⊗	Thuja occidentalis / Emerald Green / Emerald Green	3 gal	18-24" HT		11
⊗	Thuja occidentalis / Tree Form Yucca Holly	8.5 B	7-8' HT		6
⊗	Thuja occidentalis / Dwarf Yucca	3 gal	15-18" HT		10
⊗	Ligustrum japonicum / Tree Form Ligustrum	8.5 B	6-8' HT		6
⊗	Comptonia c. / Ruby / Ruby Ligustrum	7 gal	24-30" HT		14
⊗	Miscanthus sp. / Adagio / Adagio Etoile Grass	3 gal	18-24" HT		67
⊗	Miscanthus sp. / Pink Misty	3 gal	18-24" HT		12
⊗	Morus nigra / Black Mulberry	7 gal	3' HT		15
⊗	Hamamelis virginica / Sweetgum / Sweetgum	7 gal	18-24" HT		18
⊗	Philadelphus sp. / Winter / Dwarf Philadelphus	3 gal	12-15" HT		13
⊗	Philadelphus sp. / White / White Philadelphus	3 gal	12-15" HT		13
⊗	Philadelphus sp. / Blue / Blue Philadelphus	7 gal	24-30" HT		16
⊗	Sidalcea sp. / Dwarf Parrot	3 gal	18-24" HT		35
⊗	Ulmus americana / Sweetgum / Sweetgum	7 gal	3' HT		30

KEY MAP



NOT TO SCALE

SYMBOL LEGEND



281 LF OF WALL FACING DUSTY MILLER LANE
(281 LF x 35' = 9,835 sf)

REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF
(281 LF / 30 LF = 9 SHADE TREE)
(281 LF / 20 LF = 14 SMALL TREE)

PROVIDED
(14) SMALL TREES

74 LF OF WALL FACING DUSTY MILLER LANE
(74 LF x 35' = 2,590 sf)

REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF
(74 LF / 30 LF = 2 SHADE TREE)
(74 LF / 20 LF = 4 SMALL TREE)

PROVIDED
(2) SHADE TREES

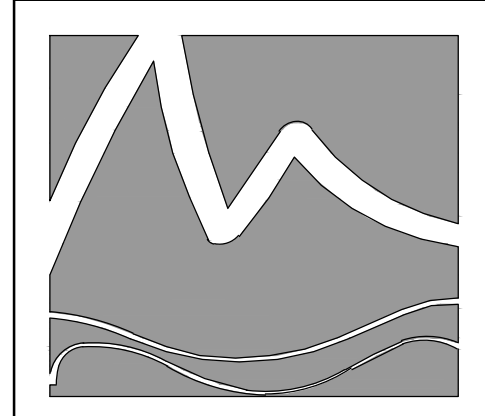
75 LF OF WALL FACING GEORGE ANDERSON DRIVE
(75 LF x 11' = 825 sf)

REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF
(75 LF / 30 LF = 3 SHADE TREE)
(75 LF / 20 LF = 4 SMALL TREE)

PROVIDED
(4) SMALL TREES

GEORGE ANDERSON DR. STREETYARD REQUIREMENTS

REQUIRED	PROVIDED
20,790 SF (865 LF x 18')	21,754 SF
TREES REQUIRED 35 (1/600 SF)	36 PROPOSED CANOPY TREES
SHRUBS REQUIRED 208 (6/600 SF)	210 PROPOSED SHRUBS



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DUSTY MILLER LANE STREETYARD REQUIREMENTS

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TREES REQUIRED	7,632 SF (848 LF x 9)	12,171 SF
SHRUBS REQUIRED	13 (1/600 SF)	12 PROPOSED CANOPY TREES 4 PROPOSED UNDERSTORY TREES
	76 (6/600 SF)	154 PROPOSED SHRUBS

81 LF OF WALL FACING DUSTY MILLER LANE
(81 LF x 35' = 2,835 sf)

REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF

(81 LF / 30 LF = 3 SHADE TREE)
(81 LF / 20 LF = 4 SMALL TREE)

PROVIDED
(4) SMALL TREES

70' x 20' SITE TRIANGLE. ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10', TYPICAL

70' x 20' SITE TRIANGLE. ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10', TYPICAL

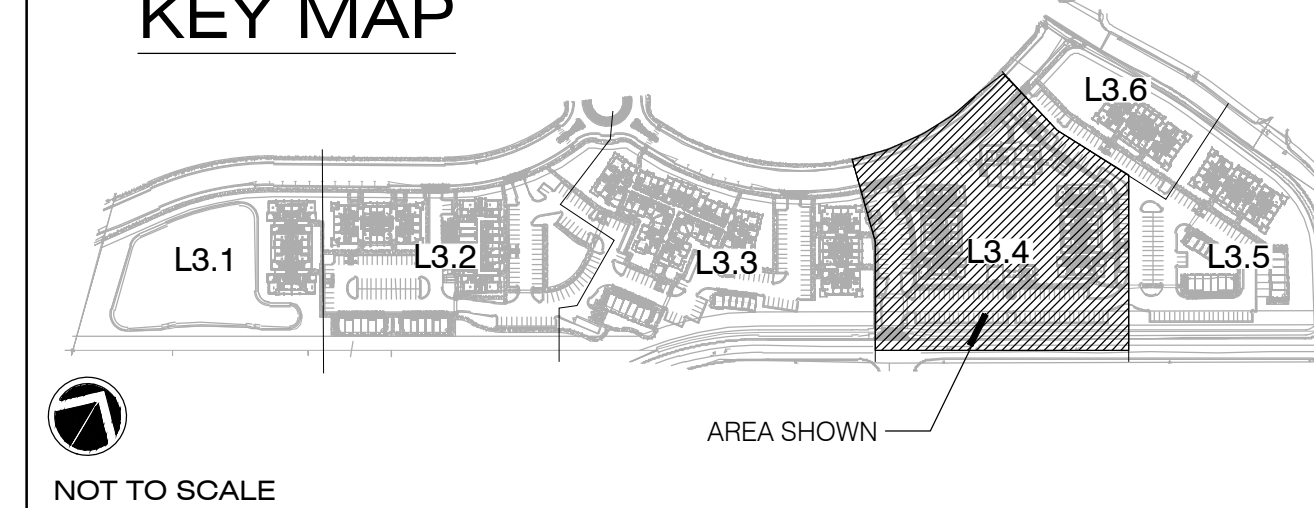
105 LF OF WALL FACING DUSTY MILLER LANE
(105 LF x 29' = 3,045 sf)

REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF

(105 LF / 30 LF = 4 SHADE TREE)
(105 LF / 20 LF = 5 SMALL TREE)

PROVIDED
(1) SHADE TREES
(4) SMALL TREES

KEY MAP

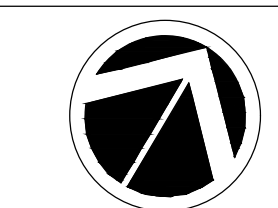
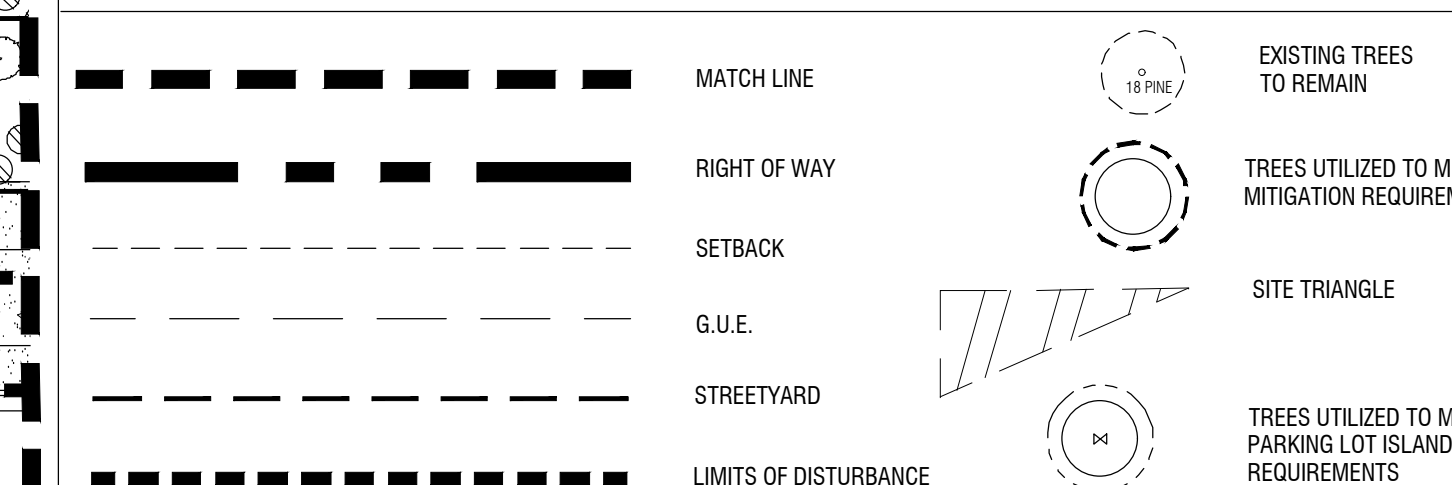


PLANT SCHEDULE L3.4

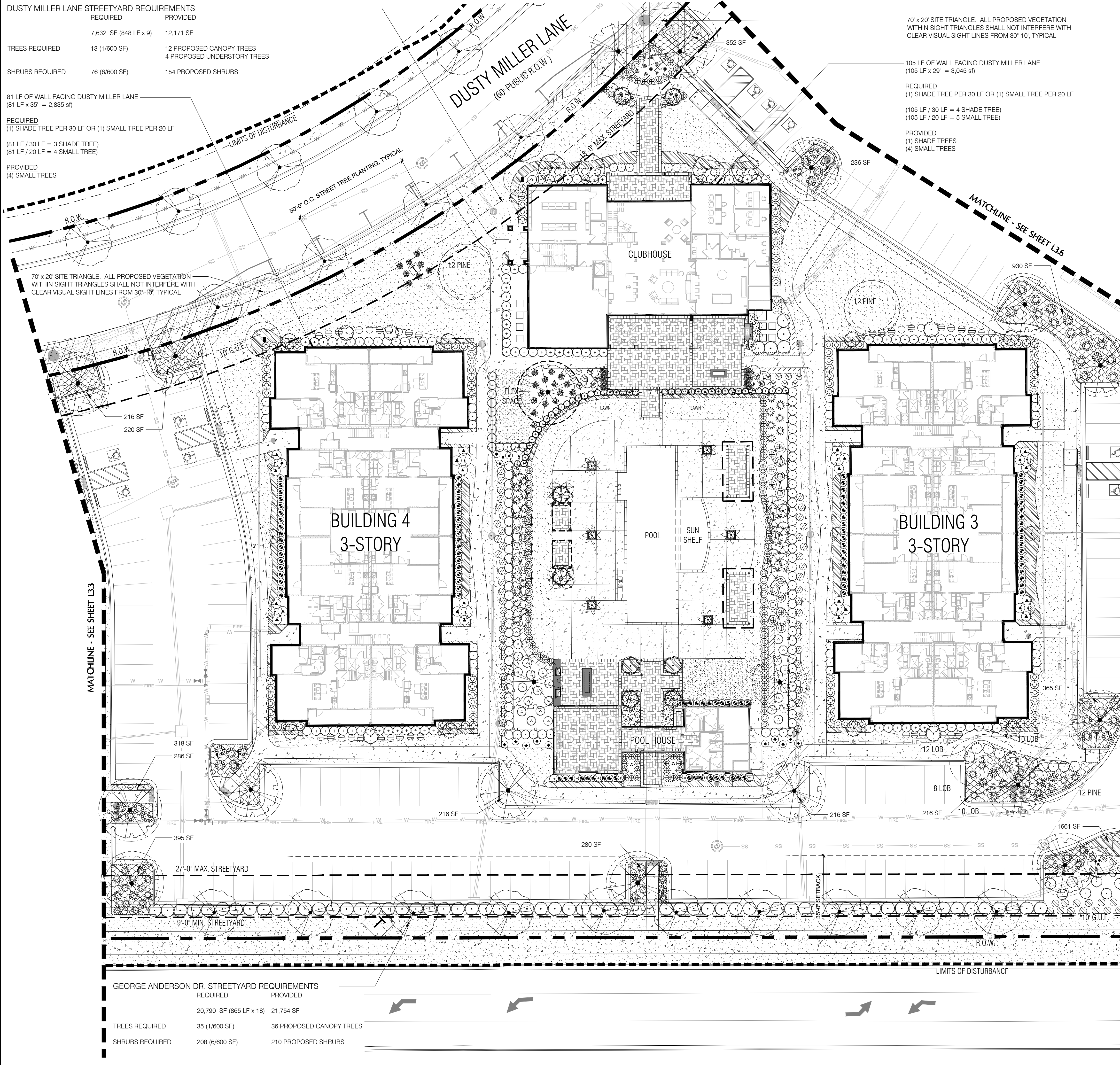
TREES	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY
	Cercis s. Forest Pansy / TM / Forest Pansy Redbud	25 GAL	1.5-2' CAL	6-8' HT	4
	Excoecaria japonica / Liquid	8-9	7-8' HT		1
	Hamamelis / Autumn Holly SHAGLE STEM	8-9	2' CAL		8
	Hamamelis s. Sapperton / Sapperton Holly	8-9	1.5-2' CAL	6-10' HT	13
	Hamamelis s. May Red / May Red Holly	8-9	2' CAL		2
	Lagerstromia s. Pink Velvet / Pink Velvet Cape Myrtle	25 GAL	6-7' HT		2
	Lagerstromia s. Natchez / Natchez Cape Myrtle	8-9	2' CAL	6-10' HT	2
	Quercus virginiana / Southern Live Oak	8-9	2' CAL		19
	Sabal palmetto / Cabbage Palmetto	8-9	6-12' H		6
	Ulmus s. Elm II / Silver Elm	8-9	2' CAL		14
SPRINGS	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY
	Agrostis alba / Lady of the Lake	3 gal	24-30" HT		8
	Agrostis alba / Cool Iron Plant	1 gal	15-18" HT		19
	Bambusa s. Wintergreen / 15 gal. Bamboo	15 gal	24-30" HT		6
	Calceolaria japonica / Giant Elephant Ear	3 gal	3-4' HT		6
	Diastylis hybridus / Cinnamon Girl / Diastylis	7 gal	24-30" HT		108
	Fatsia japonica / Japanese Fatsia	7 gal	24-30" HT		10
	Gaura bicolorata / Whirling Butterflies / Whirling Butterflies Cream	1 gal	12-15" HT		10
	Hydrangea s. Nikko Blue / Nikko Blue Hydrangea	3 gal	18-24" HT		10
	Hydrangea s. Limelight / TM / Limelight Hydrangea	3 gal	18-24" HT		24
	Hamamelis s. True Form Yucca Holly	8-9	7-8' HT		14
	Hamamelis s. Rose / Dwarf Yucca	3 gal	15-18" HT		127
	Ligularia s. Monarch / Monarch	7 gal	3' HT		76
	Ligularia japonica / True Form Yucca Holly	8-9	6-8' HT		16
	Ligularia s. Ruby / Ruby Ligularia	7 gal	24-30" HT		28
	Miscanthus s. Adagio / Adagio Eclat Grass	3 gal	18-24" HT		110
	Muhlenbergia capillaris / Pink Misty	3 gal	18-24" HT		23
	Nyctaginia s. Wax Myrtle	7 gal	3' HT		18
	Nandina domestica / Harbour Dwarf / Dwarf Heavenly Bamboo	7 gal	18-24" HT		101
	Philadelphus s. Vantage / Vantage Philadelphus	3 gal	18-24" HT		26
	Philadelphus s. Wheeler's Dwarf / Dwarf Philadelphus	3 gal	12-15" HT		17
	Podocarpus macrophyllum male / Strawberry Tree	7 gal	3-4' HT		122
	Podocarpus macrophyllum Dwarf Prince / Dwarf Podocarpus	7 gal	24-30" HT		44
	Rhododendron s. Alaska / SB Indian Hawthorn	7 gal	24-30" HT		21
	Rhododendron s. Alaska / Alaska	15 gal	3-4' HT		17
	Rosa s. Knockout / TM / Rose	3 gal	18-24" HT		13
	Sabal minor / Dwarf Palmetto	3 gal	18-24" HT		106
	Viburnum acerifolium / Sweet Viburnum	7 gal	3' HT		69
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	SIZE	SPACING	QTY
	Hemerocallis s. Stella de Oro / Stella de Oro Daylily	1 GAL	12-18" HT	18" o.c.	82
	Liriodendron s. Giant Liriodendron	1 GAL	12-18" HT	24" o.c.	93
	Liriodendron s. Lady Turt	1 gal	12-15" HT	12" o.c.	375
	Sanicula s. Mexican Petunia	3 gal	15-24" HT	24" o.c.	34
	Trachelium s. Ascle / Ascle Jasmine	1 qt	6-12" HT	24" o.c.	1,037
SHRUBS	BOTANICAL / COMMON NAME	CONT	SIZE	SPACING	QTY
	Zeyheria japonica / Korean Spice	6qt			

NOTE: - IN CASES WHERE PLANT CONTAINER SIZE & PLANT HEIGHT DIFFER, PLANT HEIGHT SHALL PREVAIL.

SYMBOL LEGEND

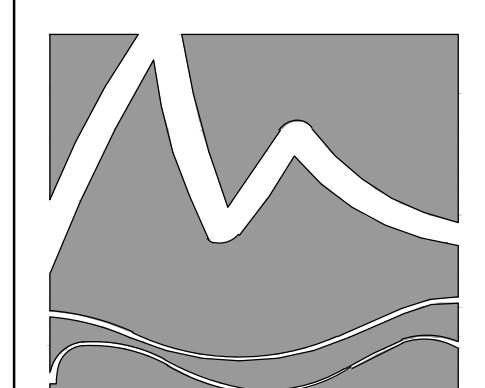


SCALE: 1" = 20'



GEORGE ANDERSON DR. STREETYARD REQUIREMENTS

	REQUIRED	PROVIDED
TREES REQUIRED	20,790 SF (865 LF x 18)	21,754 SF
SHRUBS REQUIRED	35 (1/600 SF)	36 PROPOSED CANOPY TREES 210 PROPOSED SHRUBS
	208 (6/600 SF)	



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Wilmington, NC 28405 910.392.4355



Revisions
2021-03-31: Revised per COW comments

CLIENT
CHILDRESS KLEIN
THREE PHASE A, LLC
WILMINGTON, NC

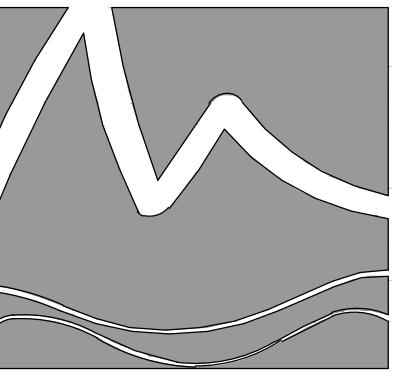
PROJECT
WILMINGTON THREE PHASE A
3743 INDEPENDENCE BLVD.
WILMINGTON, NC
LANDSCAPE PLAN

PERMIT SET

Date: 2021-01-13
Phase:
Job Number: 670-03
Designed by: MLD
Drawn by: MAS
Checked by: JWM

Sheet Title:
PLANTING PLAN

Sheet Number:
L3.4
of 8 sheets



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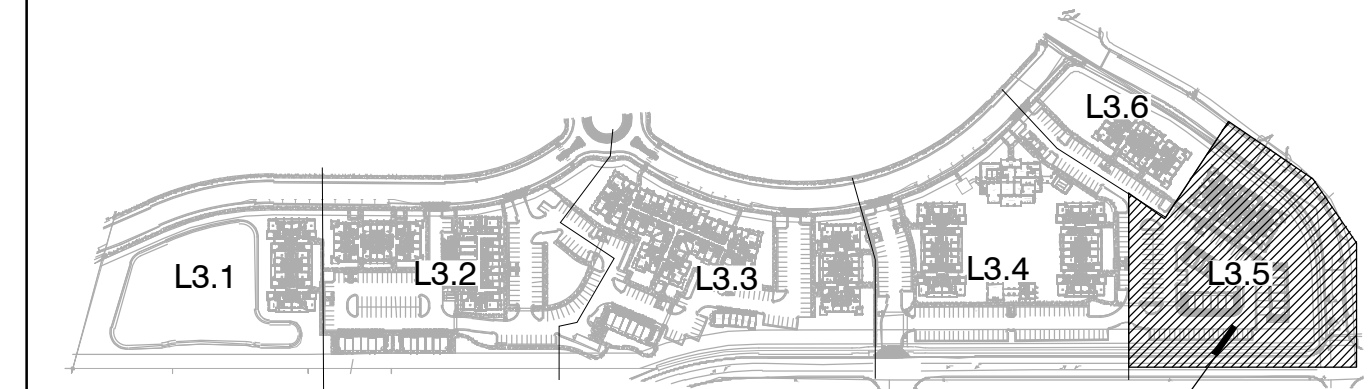
PROJECT
WILMINGTON THREE PHASE A
3743 INDEPENDENCE BLVD.
WILMINGTON, NC
LANDSCAPE PLAN

PERMIT SET

Date: 2021-01-13
Phase:
Job Number: 670-03
Designed by: MLD
Drawn by: MAS
Checked by: JWM
Sheet Title:
PLANTING PLAN

Sheet Number:
L3.5
of 8 sheets

KEY MAP



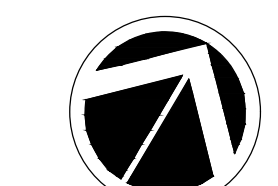
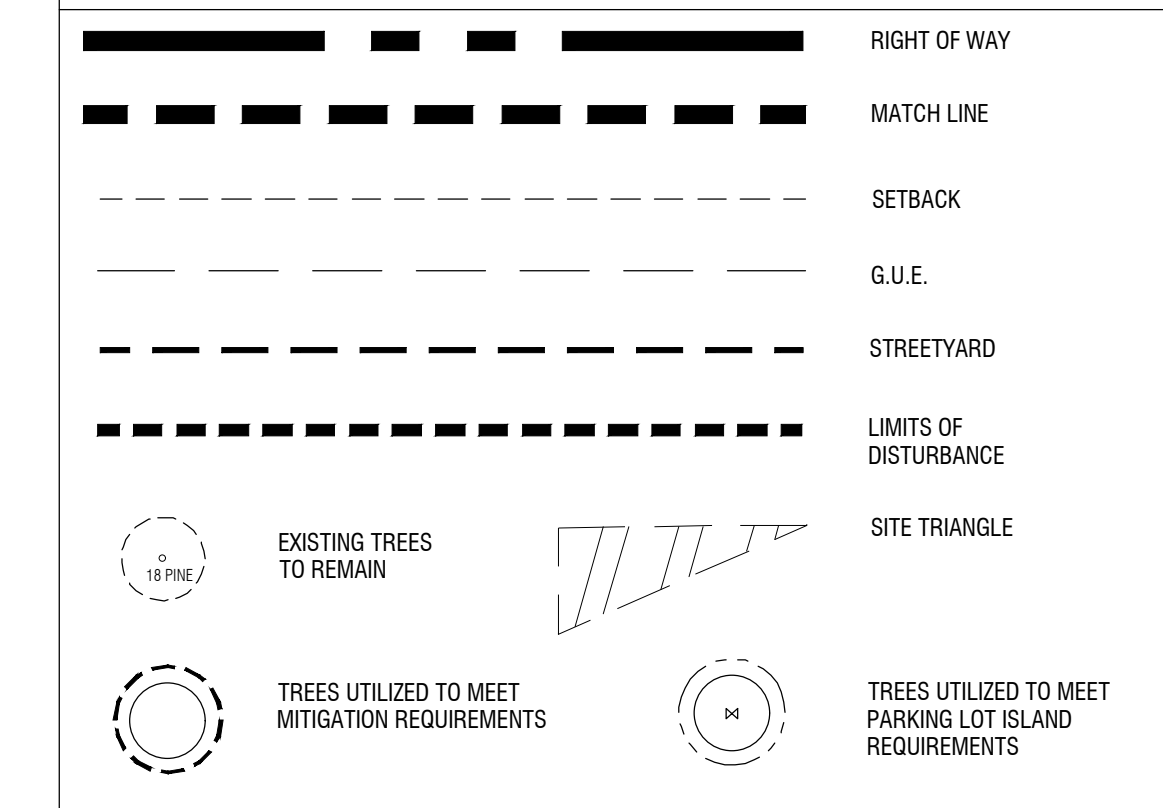
NOT TO SCALE

PLANT SCHEDULE L3.5

TREES	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	MIN. REQ. SIZE	QTY
	Acer rubrum / Autumn Blaze / Autumn Blaze Red Maple	B & B			2" CAL	2
	Betula nigra / River Birch / Durabest	B & B			2" CAL	4
	Ilex x 'Mary Nell' / Mary Nell Holly	B & B			2" CAL	3
	Juniperus virginiana / Eastern Red Cedar	B & B			2" CAL	7
	Lagerstroemia l. Muskogee / Muskogee Crape Myrtle	B&B	2" CAL	8-10' HT		2
	Lagerstroemia x 'Natchez' / Natchez Crape Myrtle	B & B	2" CAL	8-10' HT		2
	Pinus taeda / Loblolly Pine	25 GAL			2" CAL	10
	Quercus virginiana / Southern Live Oak	B & B			2" CAL	8
	Ulmus p. 'Emer II' / Allee Elm	B&B			2" CAL	5
SHRUBS	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY	
	Gaura lindheimeri / Whirling Butterflies / Whirling Butterflies Gaura	1 gal	12-15" HT		33	
	Hydrangea p. 'Limelight' / Limelight Hydrangea	3 gal	18-24" HT		15	
	Ilex vomitoria / Tree Form Yaupon Holly	B&B	7-8' HT		6	
	Ilex vomitoria 'Nana' / Dwarf Yaupon	3 gal	15-18" HT		121	
	Ligustrum japonicum / Tree Form Ligustrum	B&B	6-8' HT		6	
	Loropetalum c. 'Ruby' / Ruby Loropetalum	7 gal	24-30" HT		14	
	Miscanthus s. 'Adagio' / Adagio Eulalia Grass	3 gal	18-24" HT		113	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT		68	
	Myrica celtica / Wax Myrtle	7 gal		3' HT	35	
	Nandina domestica 'Harbour Dwarf' / Dwarf Heavenly Bamboo	7 gal	18-24" HT		34	
	Podocarpus macrophyllus mak / Shady Yew	7 gal	3-4' HT		36	
	Rhodaphys x 'Mistic' / MB Indian Hawthorn	7 gal	24-30" HT		25	
	Sabal minor / Dwarf Palmetto	3 gal	18-24" HT		19	
	Viburnum odoratissimum / Sweet Viburnum	7 gal		3' HT	31	
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	SIZE	SPACING	QTY	
	Hemerocallis x 'Stella de Oro' / Stella de Oro Daylily	1 GAL	12-18" HT	18" o.c.	138	
	Liriope spicata / Giant Liriope	1 GAL	12-18" HT	24" o.c.	62	
	Liriope muscari / Lily Turf	1 gal	12-15" HT	12" o.c.	237	
	Trachelopernum a. 'Aristic' / Aristic Jasmine	1 qt	6-12" HT	24" o.c.	430	
SOYSEED	BOTANICAL / COMMON NAME	CONT	SIZE	SPACING	QTY	
	Zoysia japonica / Crane / Korean Grass	600				

NOTE:
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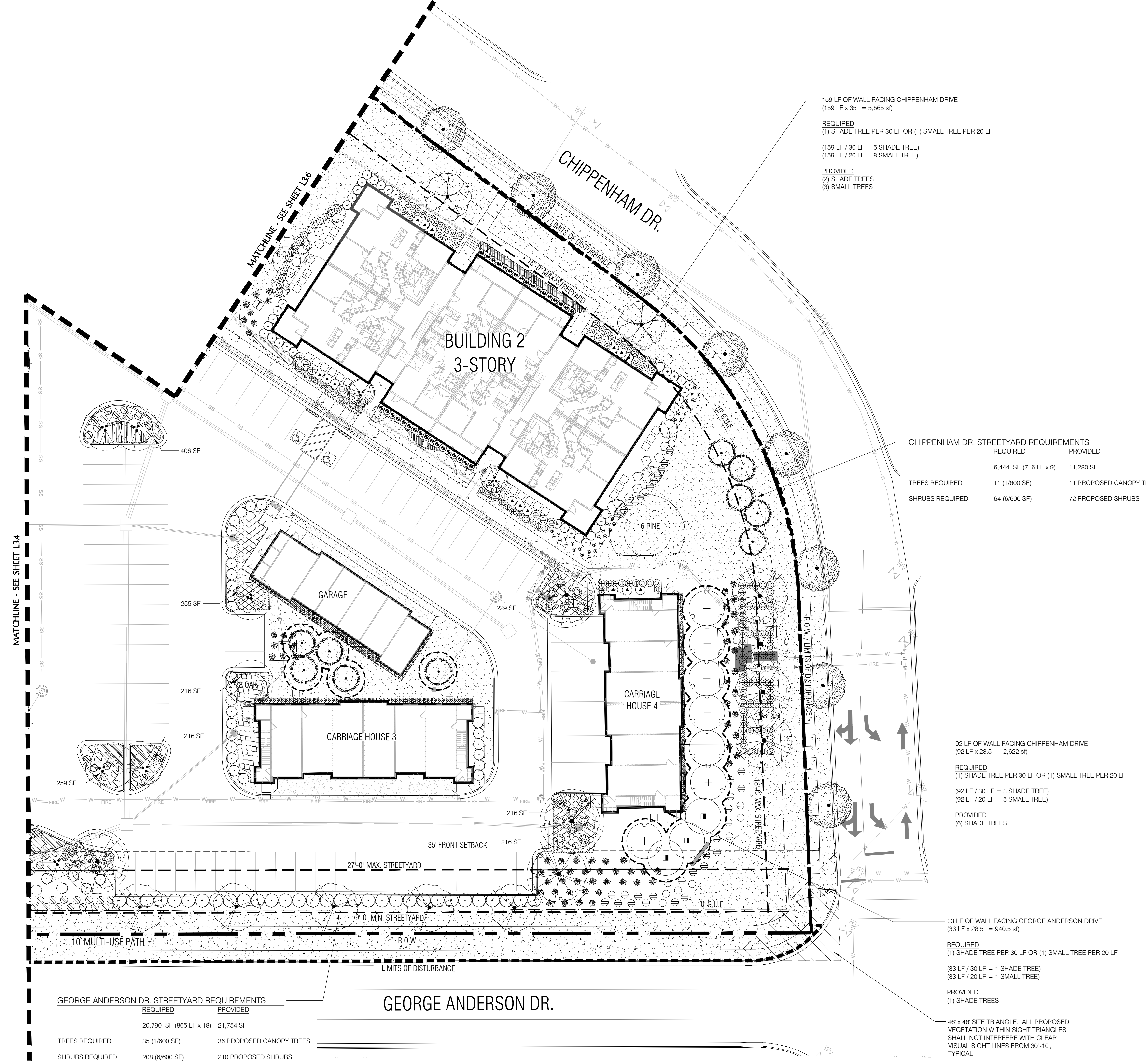
SYMBOL LEGEND



NORTH



SCALE: 1" = 20'



159 LF OF WALL FACING CHIPPENHAM DRIVE
(159 LF x 35' = 5,565 sf)
REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF
(159 LF / 30 LF = 5 SHADE TREE)
(159 LF / 20 LF = 8 SMALL TREE)
PROVIDED
(2) SHADE TREES
(3) SMALL TREES

CHIPPENHAM DR. STREETYARD REQUIREMENTS

	REQUIRED	PROVIDED
TREES REQUIRED	6,444 SF (716 LF x 9')	11,280 SF
SHRUBS REQUIRED	64 (6/600 SF)	72 PROPOSED SHRUBS

92 LF OF WALL FACING CHIPPENHAM DRIVE
(92 LF x 28.5' = 2,622 sf)
REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF
(92 LF / 30 LF = 3 SHADE TREE)
(92 LF / 20 LF = 5 SMALL TREE)
PROVIDED
(6) SHADE TREES

33 LF OF WALL FACING GEORGE ANDERSON DRIVE
(33 LF x 28.5' = 940.5 sf)
REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF
(33 LF / 30 LF = 1 SHADE TREE)
(33 LF / 20 LF = 1 SMALL TREE)
PROVIDED
(1) SHADE TREES

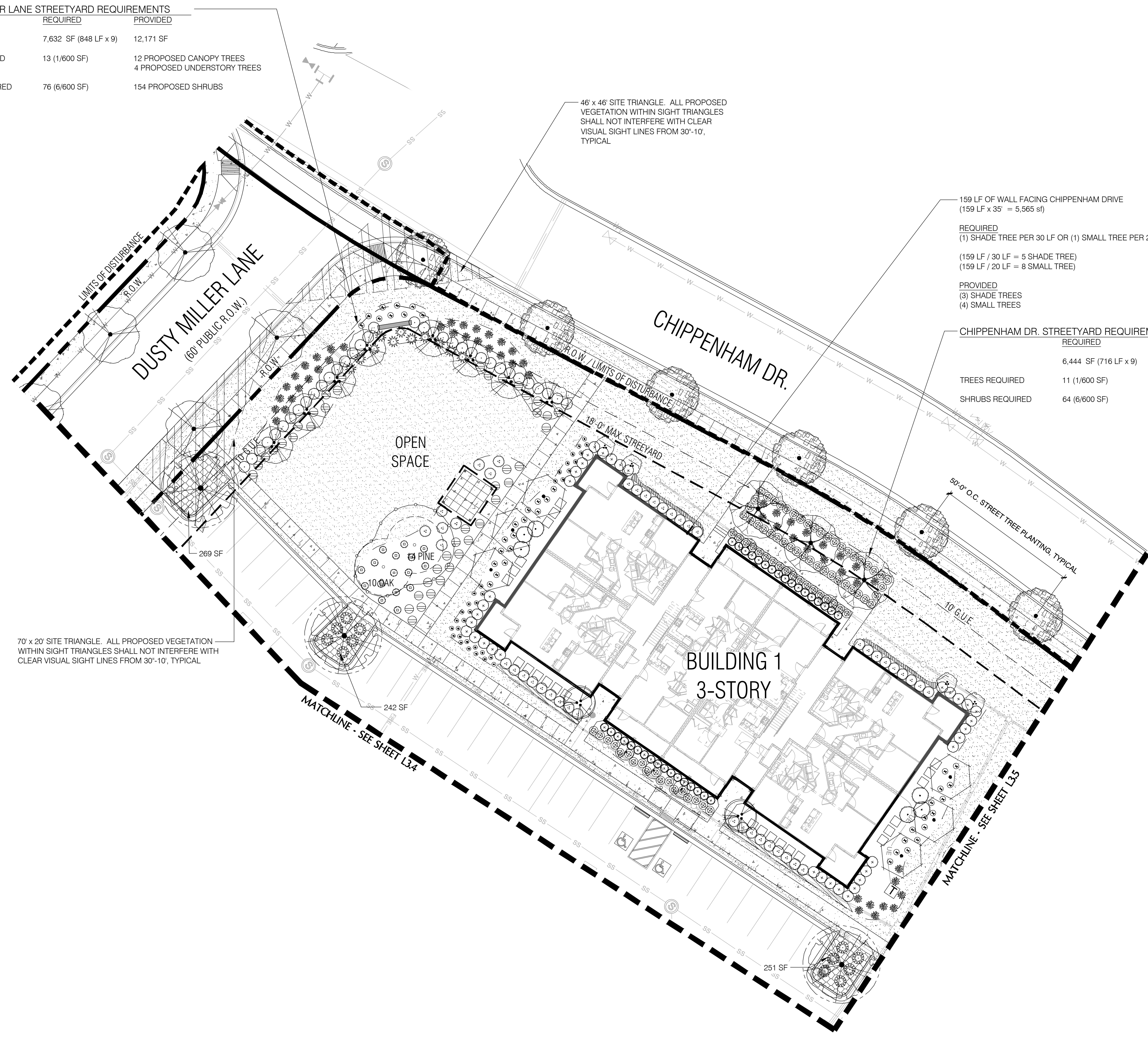
46' x 46' SITE TRIANGLE. ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10' TYPICAL

GEORGE ANDERSON DR. STREETYARD REQUIREMENTS

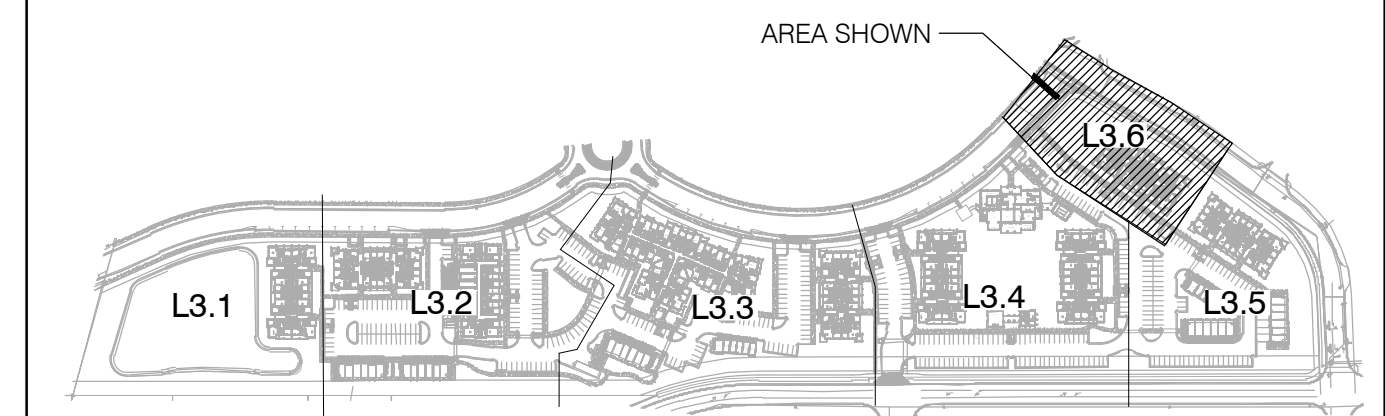
	REQUIRED	PROVIDED
TREES REQUIRED	20,790 SF (865 LF x 18')	21,754 SF
SHRUBS REQUIRED	208 (6/600 SF)	210 PROPOSED SHRUBS

GEORGE ANDERSON DR.

DUSTY MILLER LANE STREETYARD REQUIREMENTS		
	REQUIRED	PROVIDED
	7,632 SF (848 LF x 9)	12,171 SF
TREES REQUIRED	13 (1/600 SF)	12 PROPOSED CANOPY TREES 4 PROPOSED UNDERSTORY TREES
SHRUBS REQUIRED	76 (6/600 SF)	154 PROPOSED SHRUBS



KEY MAP



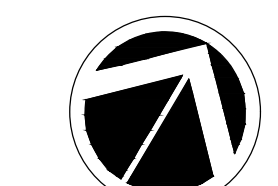
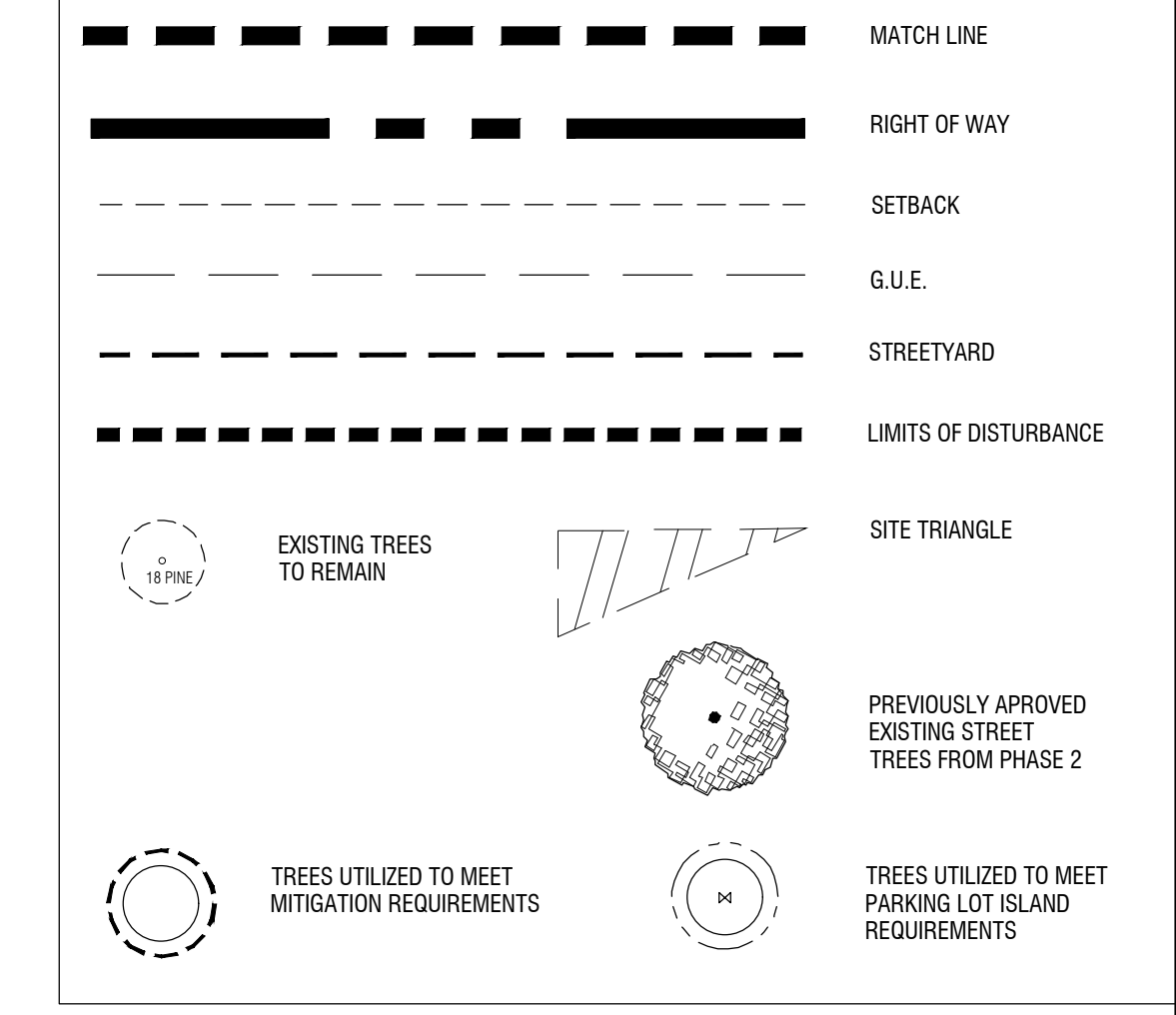
NOT TO SCALE

PLANT SCHEDULE L3.6

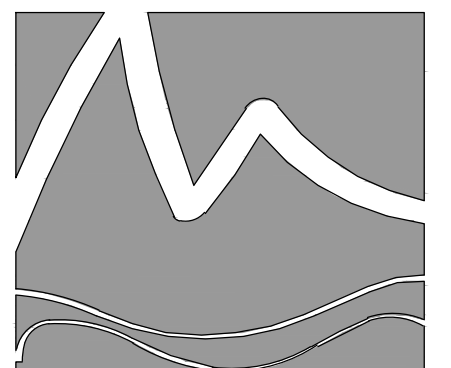
TREES	BOTANICAL / COMMON NAME	CONT	GAL	SIZE	MIN. REQ. SIZE	QTY
	Acer rubrum / Autumn Blaze / Autumn Blaze Red Maple	B & B			2" CAL	3
	Ilex x. 'East Palatka' / Single Stem East Palatka Holly	25 GAL		6-8 HT		6
	Lagerstroemia l. 'Muskoegae' / Muskoegae Crape Myrtle	B&B	2" CAL	8-10 HT		2
	Lagerstroemia l. 'Pink Velvet' / Pink Velvet Crape Myrtle	25 GAL		6-7 HT		4
	Lagerstroemia x. 'Natchez' / Natchez Crape Myrtle	B & B	2" CAL	8-10 HT		8
	Quercus virginiana / Southern Live Oak	B & B			2" CAL	3
	Ulmus p. 'Emerit' / Alive Elm	B&B			2" CAL	4
SHRUBS	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY	
	Azalea Encore TM / Encore Azalea	3 gal	18-24" HT		16	
	Gaura lindheimeri / Whirling Butterflies / Whirling Butterflies Gaura	1 gal	12-15" HT		33	
	Ilex vomitoria 'Nana' / Dwarf Yaupon	3 gal	15-18" HT		80	
	Ligustrum l. 'Recurvifolium' / Wax Leaf Ligustrum	7 gal		3 HT	35	
	Ligustrum japonicum / Tree Form Ligustrum	B&B	6-8 HT		6	
	Miscanthus s. 'Adagio' / Adagio Eubala Grass	3 gal	18-24" HT		43	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT		54	
	Pittosporum l. 'Variegata' / Variegated Pittosporum	3 gal	18-24" HT		44	
	Podocarpus macrophyllus mali / Shubby Yew	7 gal	3-4 HT		36	
	Podocarpus macrophyllus 'Dwarf Pringles' / Dwarf Podocarpus	7 gal	24-30" HT	3 HT	34	
	Rosa x 'Meigapico' / Red Drift Rose	3 gal	12-15" HT		39	
	Sabal minor / Dwarf Palmetto	3 gal	18-24" HT		23	
	Viburnum odoratissimum / Sweet Viburnum	7 gal		3 HT	6	
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	SIZE	SPACING	QTY	
	Liriope muscari / Lily Turf	1 gal	12-15" HT	12" o.c.	189	
	Trachelospermum s. 'Asiatic' / Asiatic Jasmine	1 qt	6-12" HT	24" o.c.	192	
SOD SEED	BOTANICAL / COMMON NAME	CONT	SIZE	SPACING	QTY	
	Zoysia japonica 'Cresene' / Korean Grass	sod				

NOTE: - IN CASES WHERE PLANT CONTAINER SIZE & PLANT HEIGHT DIFFER, PLANT HEIGHT SHALL PREVAIL.

SYMBOL LEGEND



NORTH



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Revisions
2021-03-31: Revised per COW comments

CLIENT
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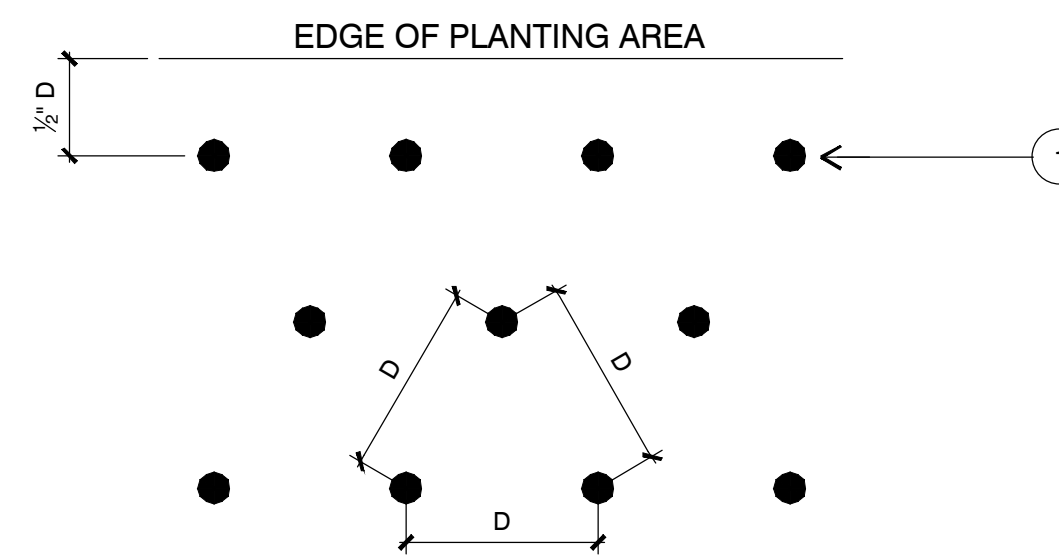
PROJECT
WILMINGTON THREE PHASE A
3743 INDEPENDENCE BLVD.
WILMINGTON, NC
LANDSCAPE PLAN

PERMIT SET

Date: 2021-01-13
Phase:
Job Number: 670-03
Designed by: MLD
Drawn by: MAS
Checked by: JWM

Sheet Title:
PLANTING PLAN

Sheet Number:
L3.6
of 8 sheets

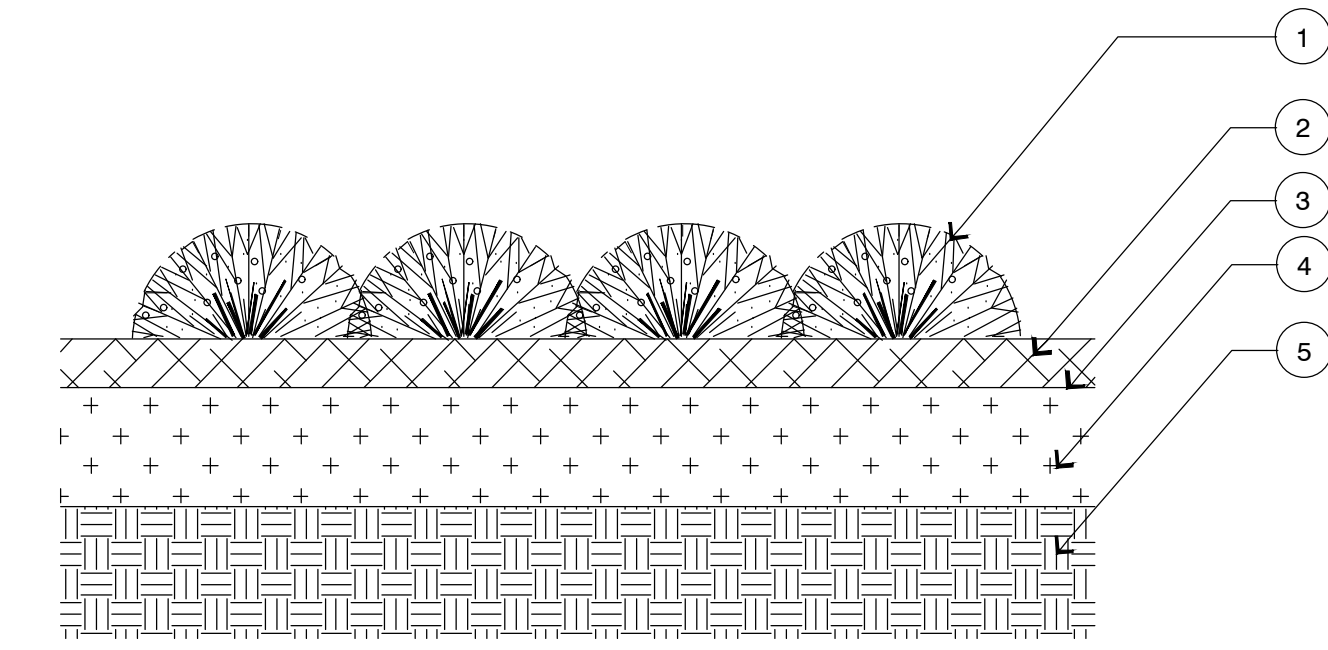


LEGEND

- 1. GROUND COVER OR SHRUB PLANTING LOCATION

NOTE:

- D - AS NOTED ON PLANTING SCHEDULE

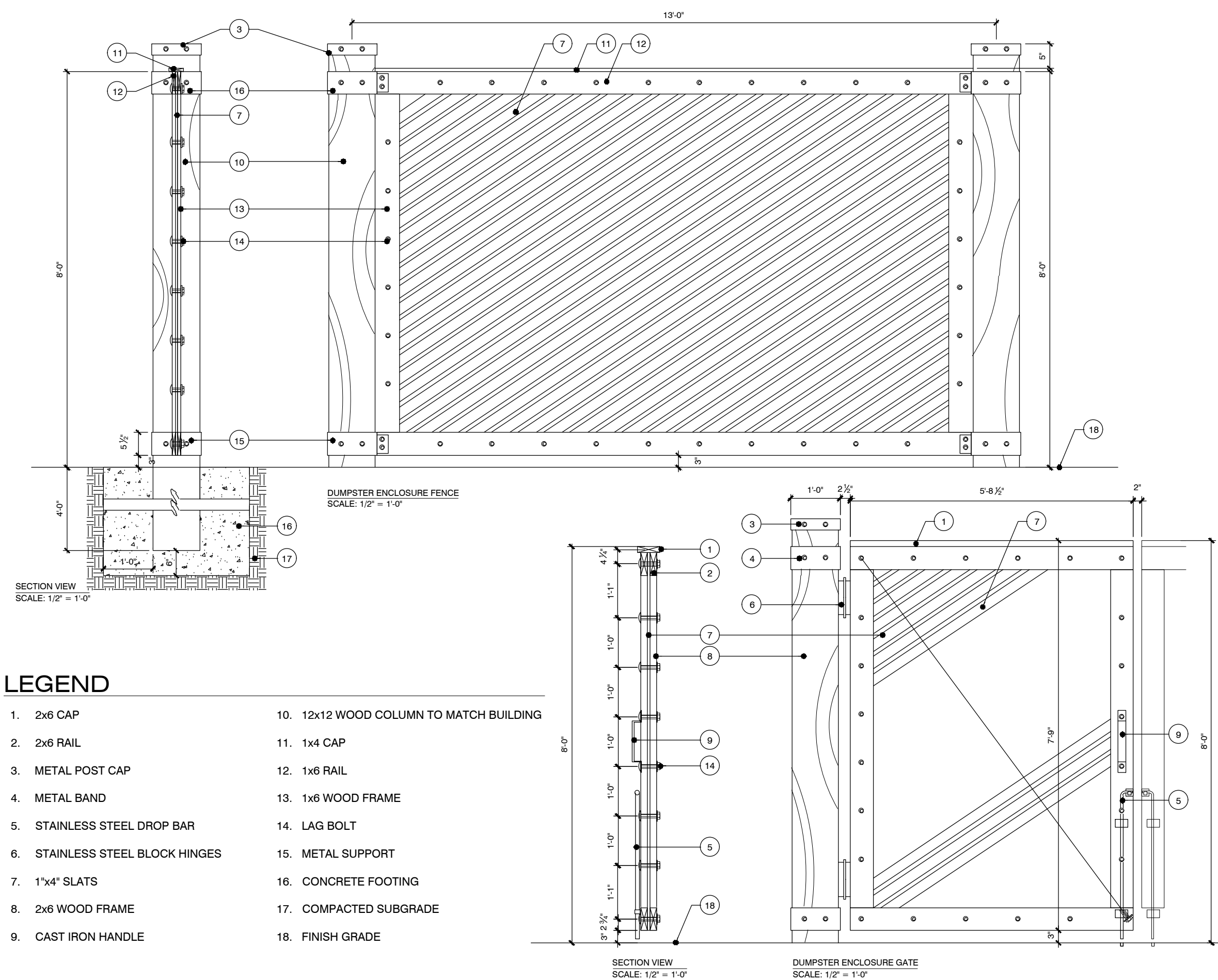


LEGEND

- 1. GROUND COVER PLANT - REFER TO PLANTING PLAN FOR SPACING INFORMATION
- 2. MULCH - REFER TO PLANTING SPECIFICATIONS FOR TYPE AND DEPTH
- 3. FINISH GRADE
- 4. TOPSOIL AND NATIVE BACKFILL - REFER TO PLANTING SPECIFICATIONS FOR TYPE AND DEPTH
- 5. COMPACTED SUBGRADE

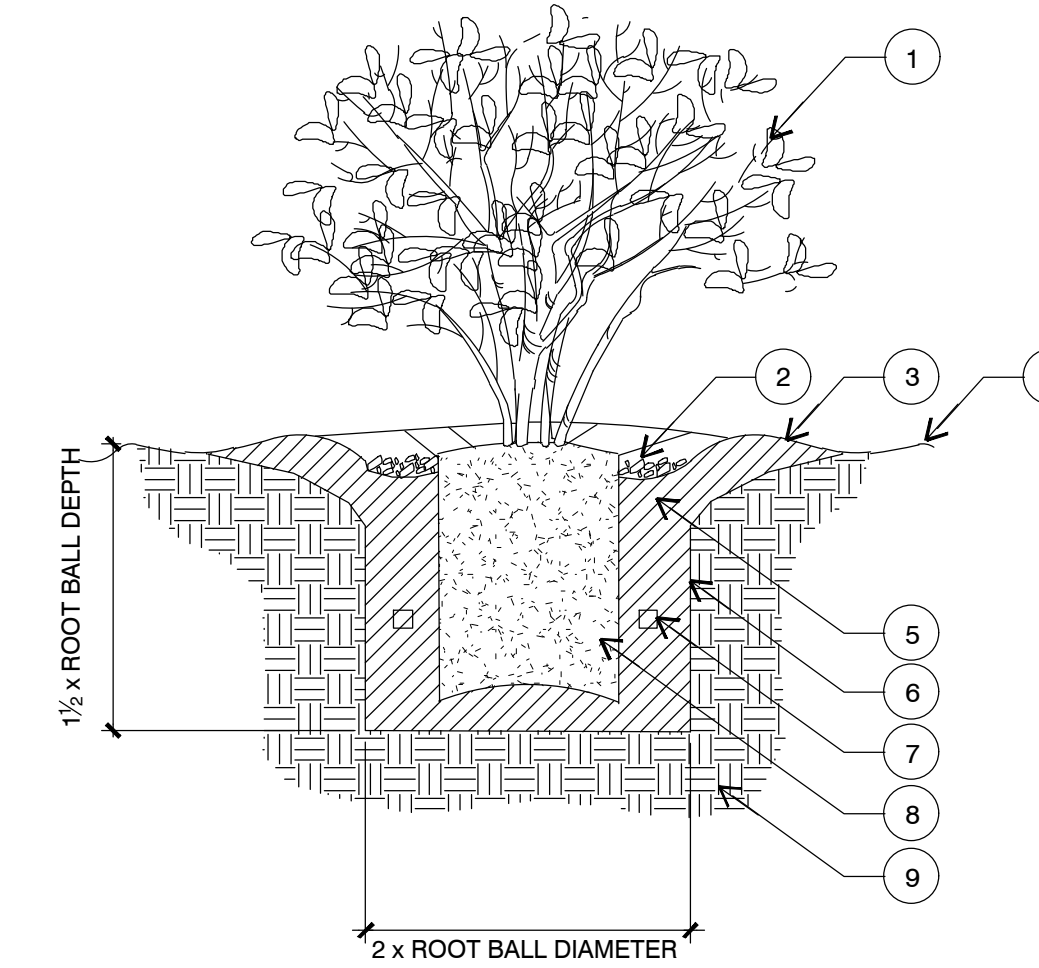
4 PLANT SPACING

1 GROUND COVER



LEGEND

- | | |
|---------------------------------|---|
| 1. 2x6 CAP | 10. 12x12 WOOD COLUMN TO MATCH BUILDING |
| 2. 2x6 RAIL | 11. 1x4 CAP |
| 3. METAL POST CAP | 12. 1x6 RAIL |
| 4. METAL BAND | 13. 1x6 WOOD FRAME |
| 5. STAINLESS STEEL DROP BAR | 14. LAG BOLT |
| 6. STAINLESS STEEL BLOCK HINGES | 15. METAL SUPPORT |
| 7. 1"x4" SLATS | 16. CONCRETE FOOTING |
| 8. 2x6 WOOD FRAME | 17. COMPACTED SUBGRADE |
| 9. CAST IRON HANDLE | 18. FINISH GRADE |



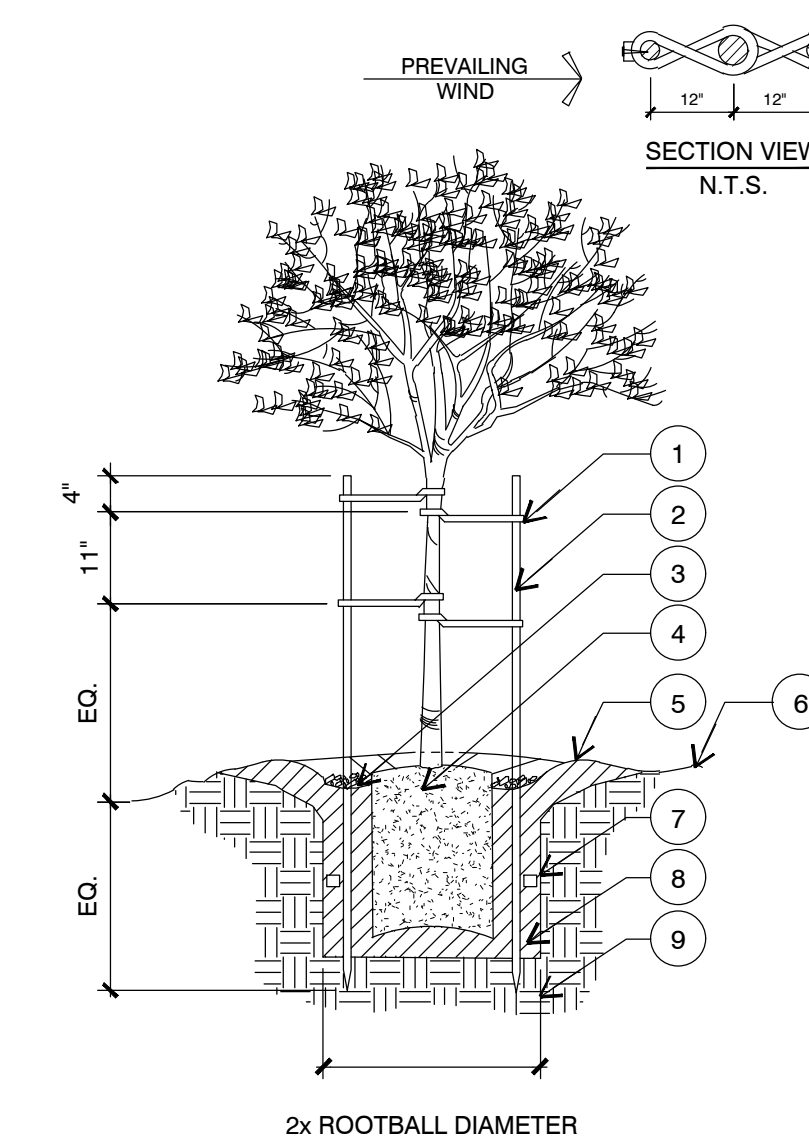
LEGEND

- 1. SHRUB
- 2. 3" LAYER OF MULCH
- 3. 3" WATER BASIN
- 4. FINISH GRADE
- 5. TOPSOIL & NATIVE BACKFILL MIXTURE
- 6. SCARIFY EDGE OF PIT
- 7. FERTILIZER TABLETS - REFER TO SCHEDULE FOR QUANTITY
- 8. ROOT BALL
- 9. NATIVE SUBGRADE

NOTES:

- SCARIFY ROOT BALLS OF PLANTS WITH CIRCLING ROOTS.
- HEAVILY ROOT BOUND SHRUBS WILL NOT BE ACCEPTED

2 SHRUB



LEGEND

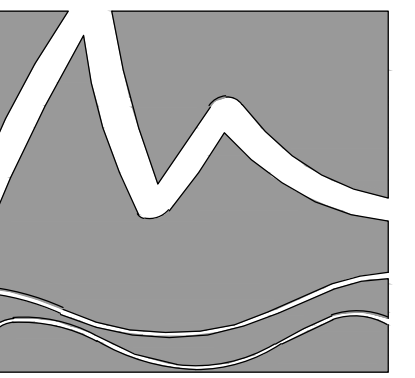
- 1. 24" CORDED BLACK RUBBER TREE TIE. LOOP AT TRUNK AND NAIL TO STAKE
- 2. 2 1/2" DIA. x 12' LONG TREATED LODGEPOLE PINE STAKE
- 3. 3" LAYER OF MULCH
- 4. ROOT BALL
- 5. 3" WATER BASIN
- 6. FINISH GRADE
- 7. FERTILIZER TABLET
- 8. TOPSOIL & NATIVE BACKFILL MIXTURE
- 9. NATIVE SUBGRADE

NOTES:

- SCARIFY ROOT BALLS OF PLANTS WITH CIRCLING ROOTS.
- HEAVILY ROOT BOUND SHRUBS WILL NOT BE ACCEPTED
- WHEN OVERHANGING A CIRCULATION ROUTE, MAINTAIN 80" ABOVE THE WALKING SURFACE.

5 TRASH ENCLOSURE SCREENING

3 TREE STAKING



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WILMINGTON, NC
LANDSCAPE PLAN

PERMIT SET

Date: 2021-01-13
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Job Number: 670-03
Designed by: MLD
Drawn by: MAS
Checked by: JWM

Sheet Title:
PLANTING DETAILS

Sheet Number:
L3.7
of 8 sheets