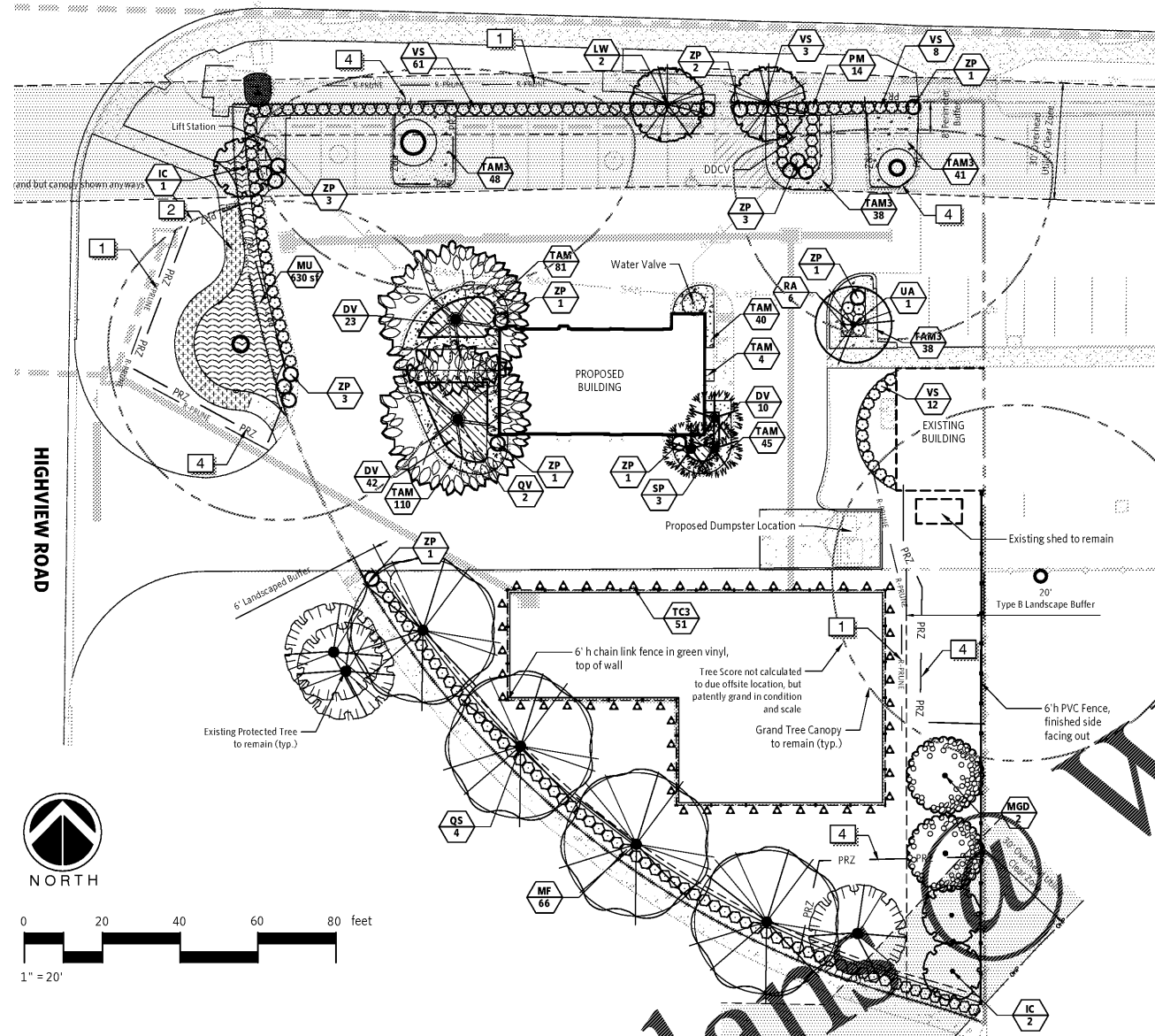


E DR MARTIN LUTHER KING JR BLVD



BUFFER TABLE

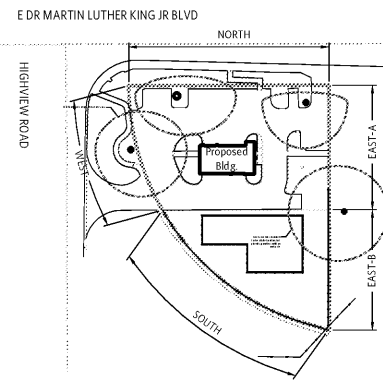
Applicable Code Section	Location	Description	Group	Width	Type	Character	Constraint or Note
6.06.04.C	North	ROW >= 50'	8'	8'	Screening	1 Tree/40' LF. Screening: min 24" h at planting, min 3' h in 2 years, max 3" oc spacing	2 existing live oak trees with large canopies to be preserved within 30' of utility lines.
6.06.06.A	South	ROW >= 50'	6'	6'	Screening	1 Tree/40' LF. Screening: min 24" h at planting, min 3' h in 2 years, max 3" oc spacing	
6.06.06.A	East - A	Commercial	5	5'	Screening	1 Tree/40' LF. Screening: min 24" h at planting, min 3' h in 2 years, max 3" oc spacing	Existing building with shed in the rear
6.06.06.A	East - B	Residential, Single-Family	1	20'	8'	1 Evergreen tree min 10' h in 10' of property line. 1 Tree/40' LF. Screening: min 24" h at planting, min 3' h in 2 years, max 3" oc spacing	Stormwater pond
6.06.04.C	West	ROW >= 50'	8'	8'	Screening	1 Tree/40' LF. Screening: min 24" h at planting, min 3' h in 2 years, max 3" oc spacing	

Key: blank cells are not applicable

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	QTY	DETAIL
1	Root Pruning - See Root Pruning Note	149 lf	
SYMBOL	DESCRIPTION	QTY	DETAIL
2	Sidewalk over Tree Roots - See Detail	328 sf	
4	Tree Protection Barricade	446 lf	

BUFFER KEY PLAN



PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPREAD	MATRIX	REMARKS
	IC	3	Ilex cassine	Dahoon Holly	2" Cal.			6' h min.
	LW	2	Lagerstroemia x 'Natchez'	White Flowering Crape Myrtle (Tree Form)	3" Cal.	42"	3 - Short/Multi	Standard trunk, 7' h min., 45 gal. or 32" B&B
	MGD	2	Magnolia grandiflora 'D.D. Blanchard' TM	Southern Magnolia	4" Cal.	6'	1 - Tall & Wide	min. 10' h, 100 gal. or 40" B&B
	QS	4	Quercus shumardii	Shumard Red Oak	4" Cal.	6'	1 - Tall & Wide	min. 10' h, min. 10" B&B or 100 gallon
	QV	2	Quercus virginiana	Southern Live Oak	4" Cal.	6'	1 - Tall & Wide	min. 10' h, min. 40" B&B or 100 gallon
	SP	3	Sabal palmetto	Cabbage Palm	---		Palm	18" x 4" clear trunk heights. When grouped, stagger heights, adjacent palms shall have a minimum 3' height differential
	UA	1	Ulmus alata	Winged Elm	3" Cal.		1 - Tall & Wide	min 8' h, 45 gal. or 32" B&B
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPREAD	MATRIX	REMARKS
	MF	66	Myrcianthes fragrans	Simpson Stopper	Ht.			
	PM	14	Podocarpus macrophyllus	Yew Pine	7 gal.		U	Meet or exceed height of adjacent utility appurtenance
	RA	6	Rhaphiolepis indica 'Alba'	White Indian Hawthorn	7 gal.			24" h x 36" spd
	TC3	51	Trachelospermum jasminoides 'Confederate'	Confederate Jasmine	3 gal.			Florida Fancy, max. 6' spacing
	VS	84	Viburnum sp. 'Summertime'	Indankwa Viburnum	7 gal.		US	min 24" h
	ZP	17	Zamia pumila	Coontie	7 gal.			Florida Fancy
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS	
	MU	630 sf	none	Mini Pine Bark Only	sod			3" thick layer
	TAM	280	Trachelospermum asiaticum 'Minima'	Minima Jasmine (18")	1 gal.			18" o.c.
	TAM3	165	Trachelospermum asiaticum 'Minima'	Minima Jasmine (24")	1 gal.			24" o.c. 24" spacing

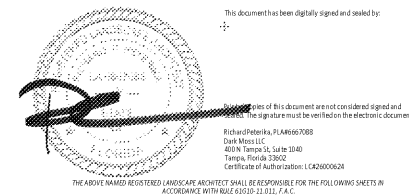
DEVELOPMENT CALCULATIONS

Applicable Code Section	Permit Requirement	Provision
6.06.03.A.2.	Landscape Plan Concept	"Florida Friendly Landscape"
6.06.03.A.3.	Minimum Percentage of Native Species Required:	50%
	Proposed:	86%
		Sq. Ft. Acres
6.06.03.B.	Site Area (based on limit of survey):	47,733 1.08
	Development Type:	Office, Neighborhood/General/Regional Commercial
	Minimum No. of Development Trees Required:	7
6.06.03.C.1.	Credit of Preserved Trees:	14
6.06.03.A.4.	Minimum No. of Tree Species Required:	1
	Proposed:	6
6.06.04.A.	Minimum Percentage of VUA Shade Trees Required:	75%
	Proposed:	72%
6.06.03.B.	Adjusted No. of Development Trees Required:	0
	Proposed:	16
4.01.06.A.7.	Protected Tree Replacement Inches Required:	21
4.01.06.A.7.	Grand Tree Replacement Inches Required:	0
	Replacement Inches Provided	12
4.01.15.A.	In-Lieu Inches Required	9
	In-Lieu Fee Required (@ \$65 / Inch)	\$585.00

* VUA Shade trees limited due to utility conflicts or insufficient soil volume area.

ADDITIONAL LANDSCAPE NOTES

- The fence around the stormwater pond shall be landscaped with Confederate Jasmine. The vines shall be planted along the entire length of the fence, excluding gates, no more than six feet apart on centers. The vines shall be in three gallon containers, at a minimum, at the time of the planting and shall vegetate the fence to provide a minimum opacity of 75 percent of total fence area within two years of planting.



Sheet Number	Sheet Title
	TREE INVENTORY
TR1.0	TREE INVENTORY AND DISPOSITION PLAN
LA1.0	LANDSCAPE
LA1.1	LANDSCAPE AND TREE PROTECTION PLAN
LA1.2	TREE PROTECTION DETAILS
	IRRIGATION
LA2.0	IRRIGATION PLAN AND DETAILS

dark moss
BEACON CIVIL ENGINEERING, LLC

PROJECT: TAKE 5 SEFFNER
LOCATION: SEFFNER, FLORIDA

PREPARED FOR:
BEACON CIVIL ENGINEERING, LLC

ISSUE DATE: 2020-05-15
PHASE:
PERMIT NOT FOR BID

SHEET TITLE:
LANDSCAPE AND TREE PROTECTION PLAN

REVISION:

SHEET NUMBER:

LA1.0