



LANDSCAPE ARCHITECTURE ARCHITECTURE
1215 SW 20TH STREET MIAMI FL 33145
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PROJECT AND OWNER
MURPHY USA (NTI)

LANDSCAPE DRAWINGS
1837 SW GATLIN BLVD.
PORT ST. LUCIE, FL 34953

CONSULTANTS

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PROJECT NO. 2024-05

DESIGNED BY

DRAWN BY

CHECKED BY

DATE 06/03/2024

ISSUED FOR:

DRAWING SCALE

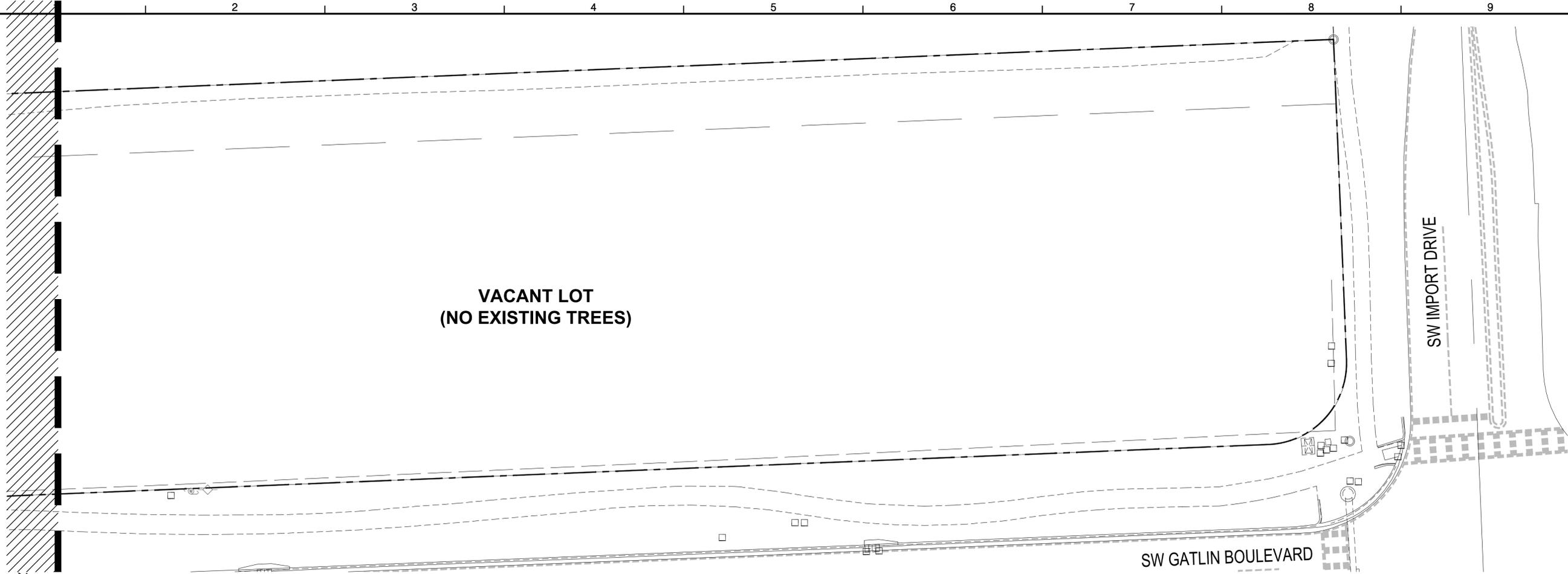
1/16"=1'-0"

DRAWING TITLE

MITIGATION PLAN

DRAWING NUMBER

LS-1.0



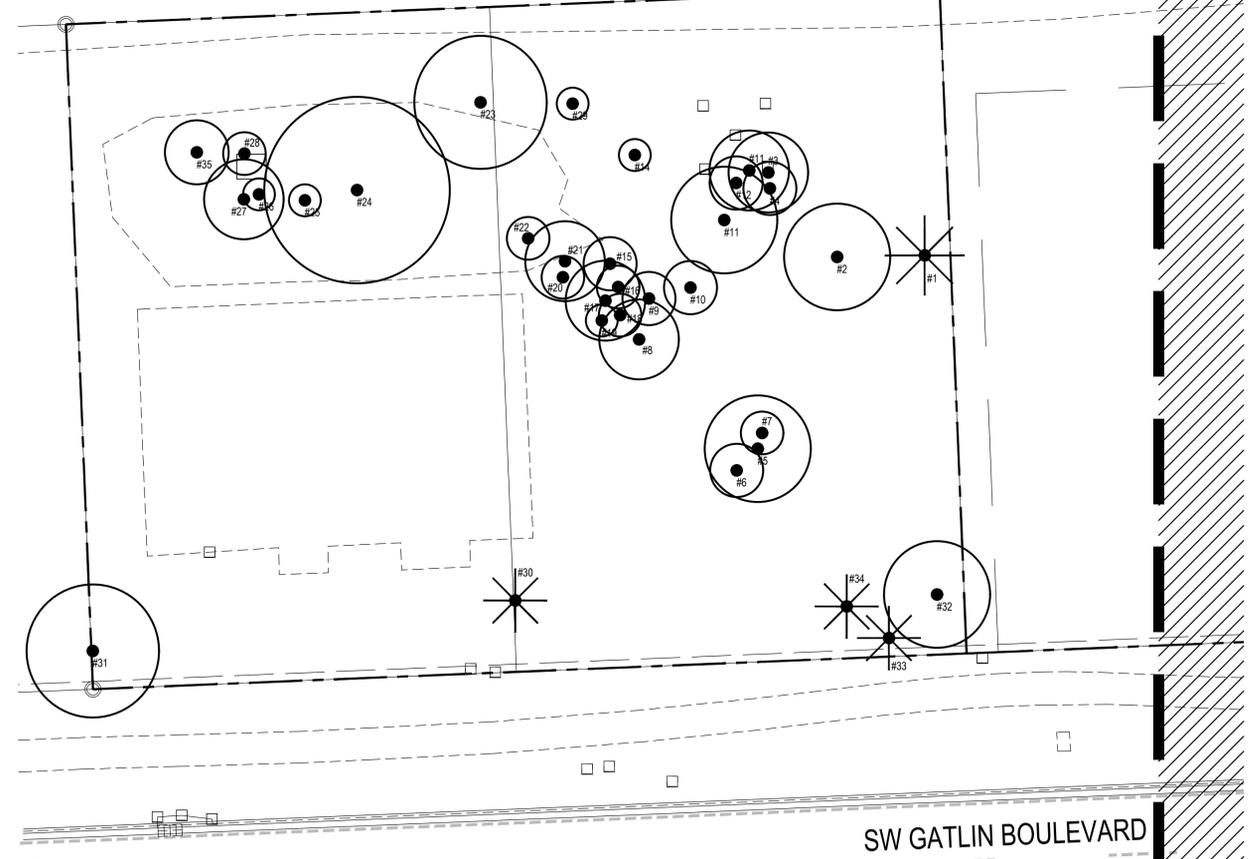
MITIGATION PLAN
SCALE: 1/16"=1'-0"

TREE MITIGATION LIST							5/10/2025	
Number	Scientific Name	Common Name	DBH (inches)	Height (Feet)	Canopy (Feet)	Disposition	Reason For Mitigation	Mitigation (DBH Removed)
1	<i>Palm</i>	Palm	28"	12'	15'	Remain		
2	<i>Pinus elliottii</i>	Slash Pine	10"	30'	20'	Remain		
3	<i>Pinus elliottii</i>	Slash Pine	8"	30'	15'	Remain		
4	<i>Pinus elliottii</i>	Slash Pine	4"	30'	10'	Remain		
5	<i>Pinus elliottii</i>	Slash Pine	9"	35'	20'	Remain		
6	<i>Pinus elliottii</i>	Slash Pine	7"	27'	10'	Remain		
7	<i>Pinus elliottii</i>	Slash Pine	4"	27'	8'	Remain		
8	<i>Pinus elliottii</i>	Slash Pine	8"	37'	15'	Remain		
9	<i>Pinus elliottii</i>	Slash Pine	6"	28'	10'	Remain		
10	<i>Pinus elliottii</i>	Slash Pine	9"	30'	10'	Remain		
11	<i>Pinus elliottii</i>	Slash Pine	9"	30'	20'	Remain		
12	<i>Pinus elliottii</i>	Slash Pine	4"	25'	10'	Remain		
13	<i>Pinus elliottii</i>	Slash Pine	9"	25'	15'	Remain		
14	<i>Pinus elliottii</i>	Slash Pine	4"	20'	6'	Remain		
15	<i>Pinus elliottii</i>	Slash Pine	5"	27'	10'	Remain		
16	<i>Pinus elliottii</i>	Slash Pine	5"	30'	8'	Remain		
17	<i>Pinus elliottii</i>	Slash Pine	4"	30'	16'	Remain		
18	<i>Pinus elliottii</i>	Slash Pine	4"	35'	7'	Remain		
19	<i>Pinus elliottii</i>	Slash Pine	6"	27'	5'	Remain		
20	<i>Pinus elliottii</i>	Slash Pine	5"	25'	8'	Remain		
21	<i>Pinus elliottii</i>	Slash Pine	7"	29'	13'	Remain		
22	<i>Pinus elliottii</i>	Slash Pine	4"	28'	7'	Remain		
23	<i>Tree</i>	Tree	5"	28'	25'	Remain		
24	<i>Tree</i>	Tree	18"	37'	35'	Remain		
25	<i>Pinus elliottii</i>	Slash Pine	4"	25'	5'	Remain		
26	<i>Pinus elliottii</i>	Slash Pine	4"	28'	5'	Remain		
27	<i>Pinus elliottii</i>	Slash Pine	8"	30'	15'	Remain		
28	<i>Pinus elliottii</i>	Slash Pine	6"	32'	8'	Remain		
29	<i>Pinus elliottii</i>	Slash Pine	5"	18'	6'	Remain		
30	<i>Palm</i>	Palm	28"	16'	13'	Remain		
31	<i>Pinus elliottii</i>	Slash Pine	12"	35'	23'	Remain		
32	<i>Pinus elliottii</i>	Slash Pine	12"	33'	19'	Remain		
33	<i>Palm</i>	Palm	28"	21'	12'	Remain		
34	<i>Palm</i>	Palm	26"	17'	12'	Remain		
35	<i>Pinus elliottii</i>	Slash Pine	8"	37'	12'	Remain		
Total DBH Removed ##" of DBH Removed								

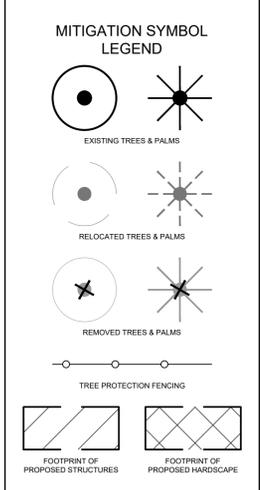
Per PSL City Code: Sec. 154.16 (A):

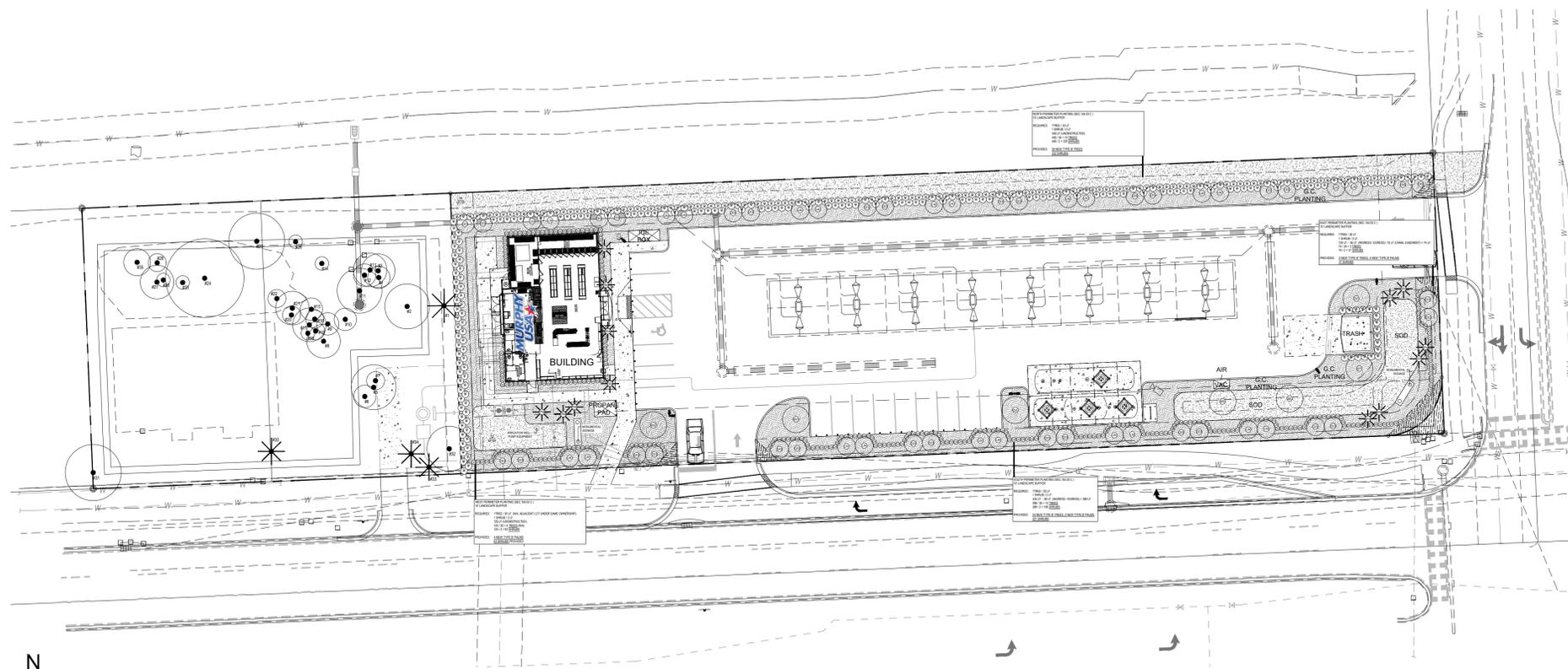
- Replacement trees shall be in addition to the minimum landscape requirements set out in this article.
- Any tree which is the subject of a mitigation plan shall be replaced at a ratio of one inch D.B.H. for each inch of D.B.H. removed. The following mitigation credit shall apply:
 - Trees preserved or relocated on-site shall count as equivalent replacement D.B.H.
 - Trees planted on-site shall count as one-half (1/2) credit towards the mitigation requirements.

Total DBH Mitigation Required at 2:1 Replacement Ratio: 0 Sq. Ft. of Required Canopy Replacement



MITIGATION PLAN CONT'D
SCALE: 1/16"=1'-0"

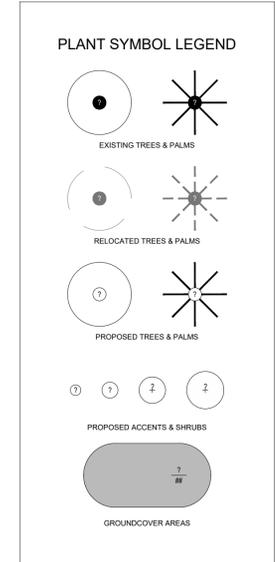




OVERALL PLANTING PLAN
SCALE: 1/32"=1'-0"

Port St. Lucie Landscape Legend		5/14/2025
Zoning District: CG	Net Lot Area: 54,861 s.f.	Net Lot Acre: 1.26
LANDSCAPE REQUIREMENTS WITHIN PROPERTY		
Open Space	Required / Allowed	Provided
A. Required Open Space	See Civil Siteplan	See Civil Siteplan
Perimeter Planting Buffers (SEC. 154.03 (C) 1.)	Required / Allowed	Provided
(10' wide) North Propertyline Planting Buffer 440 Linear Feet PL (Unobstructed)		
One (1) Required Tree per 30 Linear Feet	15 Trees	30 New 'Type B' Trees
One (1) Required Shrub per 2 Linear Feet	220 Shrubs	232 Shrubs
(10' wide) East Propertyline Planting Buffer 120 Linear Feet PL (74 LF Landscaped)		
One (1) Required Tree per 30 Linear Feet	3 Trees	2 New 'Type B' Trees, 4 New 'Type B' Palms
One (1) Required Shrub per 2 Linear Feet	37 Shrubs	31 Shrubs
(10' wide) South Propertyline Planting Buffer 120 Linear Feet PL (74 LF Landscaped)		
One (1) Required Tree per 30 Linear Feet	13 Trees	24 New 'Type B' Trees, 2 New 'Type B' Palms
One (1) Required Shrub per 2 Linear Feet	99 Shrubs	221 Shrubs
(5' wide) West Propertyline Planting Buffer 125 Linear Feet PL (115 LF Landscaped)		
One (1) Required Tree per 30 Linear Feet	4 Trees	4 New Trees planted elsewhere on-site due to proposed underground bldg. utilities. See plan.
One (1) Required Shrub per 2 Linear Feet	63 Shrubs	63 Shrubs
Building Façade Landscape Requirements (SEC. 154.03 (C) 2.)	Required / Allowed	Provided
Building Façade Landscape Strip 155 Linear Feet Landscaped Façade.		
One (1) Required Tree per 30 Linear Feet, 8' min. height at installation.	5 Trees	6 New 'Type B' Palms
One (1) Required Shrub per 2 Linear Feet	78 Shrubs	80 Shrubs
Parking Lot Interior Landscape Islands (SEC. 154.03 (C) 4.)	Required / Allowed	Provided
Terminal Islands located at two parking space bays. Four (4) terminal islands.		
One (1) Tree per terminal island x four (4) terminal islands	4 Trees	3 New Trees, 2 New 'Type B' Palms
Trees (SEC. 154.04 (C))	Required / Allowed	Provided
Flowering Trees Required: 20% of Required Trees Min. (44 Min. Required Trees) x 20% Min. =	9	2 New Trees, 24 New 'Type B' Trees
Palms allowed: 25% of Required Trees Max. (Bldg. Façade Planting is exempt) (44 Min. Required Trees) x 25% max. allowed =	11	8 New 'Type B' Palms
Native Trees Required: 50% of Required Trees Min. (44 Min. Required Trees) x 50% Min. =	22	5 New Trees, 56 New 'Type B' Trees
Drought Tolerant Trees Required: 50% of Required Trees Min. (44 Min. Required Trees) x 50% Min. =	22	7 New Trees, 32 New 'Type B' Trees
Landscape Islands Evergreen Trees Required: 75% of landscape Island Trees Min. (4 Min. Landscape Island Trees) x 75% Min. =	3	3 Semi-Evergreen Trees. (2) MVI, (1) QVI.
Tree Species Mix Required:		
41+ New required trees =	5	5
Street trees (maximum average spacing of 40' L.F.) linear feet along street / LF = Trees		
Street trees located directly underneath power lines (maximum average spacing of 40' o.c.) 95 linear feet along street / 40 LF = 3 Trees		
Shrubs (SEC. 154.04 (D))	Required / Allowed	Provided
Total Number of Shrubs Required:		
Native Shrubs Required: 25% of required trees =		
Drought Tolerant Shrubs Required: 50% of required trees =		
Irrigation Plan:	Auto irrigation <input checked="" type="checkbox"/> or hose bib	provided.

Symb.	Quant.	Botanical Name	Common Name	Description	Native	Drought Tolerant	Flowering
Trees							
BSI	2	<i>Bursera simaruba</i>	Gumbo Limbo	12' O.A. HT. 2.5" CAL.	Yes	Yes	No
CES	32	<i>Conocarpus erectus var. sericeus</i>	Silver Buttonwood	12' O.A. HT. 2.5" CAL. Multi-Trunk	Yes	Yes	No
LIN	24	<i>Lagerstroemia indica sp.</i>	Crape Myrtle	12' O.A. HT. 2.5" CAL. Multi-Trunk	No	Yes	Yes
MVI	2	<i>Magnolia virginiana</i>	Sweet Bay Magnolia	12' O.A. HT. 2.5" CAL.	Yes	No	Yes
QVI	3	<i>Quercus virginiana</i>	Live Oak	12' O.A. HT. 2.5" CAL.	Yes	Yes	No
Palms							
SPA	6	<i>Sabal palmetto</i>	Sabal Palm	Relocated from on-site	Yes	Yes	Yes
TRA	7	<i>Thrinax radiata</i>	Florida Thatch Palm	Staggered. 6' CT. to 10' ct.	Yes	Yes	Yes
Understory Shrubs							
CH	252	<i>Chrysobalanus icaco 'Horizontal'</i>	Horizontal Cocoplum	7G. Bush Full 24" min. HT.	Yes	Yes	Yes
CI	295	<i>Chrysobalanus icaco 'Red Tip'</i>	Red Tip Cocoplum	7G. Bush Full 24" min. HT.	Yes	Yes	Yes
GG	80	<i>Galphimia galauca</i>	Thyallis	7G. Bush Full 24" min. HT.	No	Yes	No
MF	18	<i>Myrcianthes fragrans</i>	Simpson Stopper	7G. Bush Full 24" min. HT.	Yes	Yes	Yes
Grasses							
SS	5,089	<i>Stenotaphrum secundatum</i>	St. Augustine Grass	S.F. Area.			
Groundcovers							
TBD		(+/-15,454 sq. ft. area)					
Miscellaneous Groundcovers							
GR / RR	TBD	Gravel & River Rock Blend	Same	S.F. Area. 3" deep. Blend: 70% Gravel, 30% River Rock (Mixed Sizes)			
GR	TBD	Gravel	Same	S.F. Area. 2" deep.			
MU	TBD	Australian Pine Mulch	Same	No Cypress, Colored nor Synthetic Mulch			



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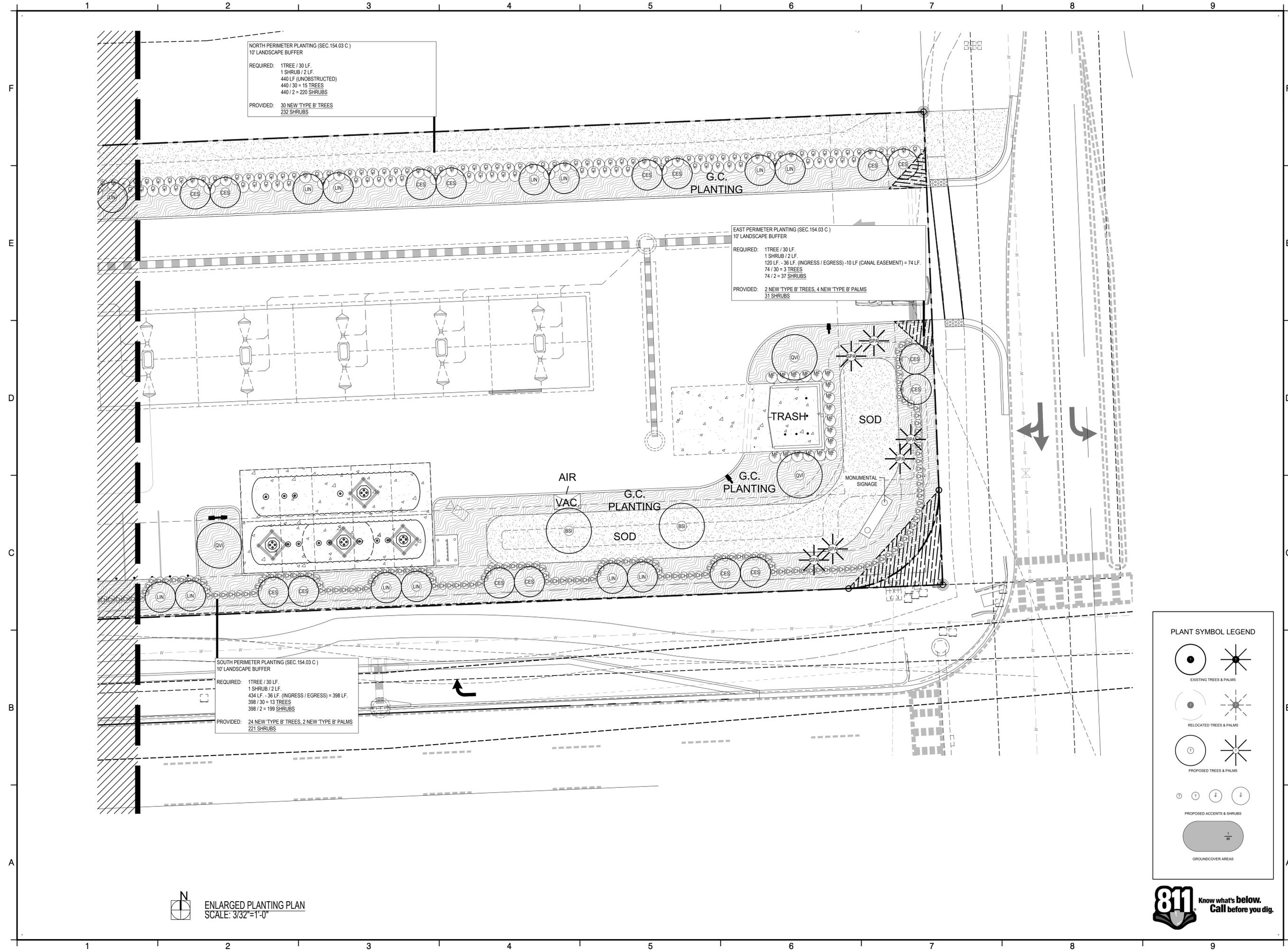
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DRAWING SCALE
1/32"=1'-0"

DRAWING TITLE
OVERALL LANDSCAPE PLAN

DRAWING NUMBER
LS-2.0





NORTH PERIMETER PLANTING (SEC.154.03 C)
10' LANDSCAPE BUFFER

REQUIRED: 1 TREE / 30 LF.
1 SHRUB / 2 LF.
440 LF (UNOBSTRUCTED)
440 / 30 = 15 TREES
440 / 2 = 220 SHRUBS

PROVIDED: 30 NEW 'TYPE B' TREES
232 SHRUBS

EAST PERIMETER PLANTING (SEC.154.03 C)
10' LANDSCAPE BUFFER

REQUIRED: 1 TREE / 30 LF.
1 SHRUB / 2 LF.
120 LF - 36 LF. (INGRESS / EGRESS) - 10 LF (CANAL EASEMENT) = 74 LF.
74 / 30 = 3 TREES
74 / 2 = 37 SHRUBS

PROVIDED: 2 NEW 'TYPE B' TREES, 4 NEW 'TYPE B' PALMS
31 SHRUBS

SOUTH PERIMETER PLANTING (SEC.154.03 C)
10' LANDSCAPE BUFFER

REQUIRED: 1 TREE / 30 LF.
1 SHRUB / 2 LF.
434 LF - 36 LF. (INGRESS / EGRESS) = 398 LF.
398 / 30 = 13 TREES
398 / 2 = 199 SHRUBS

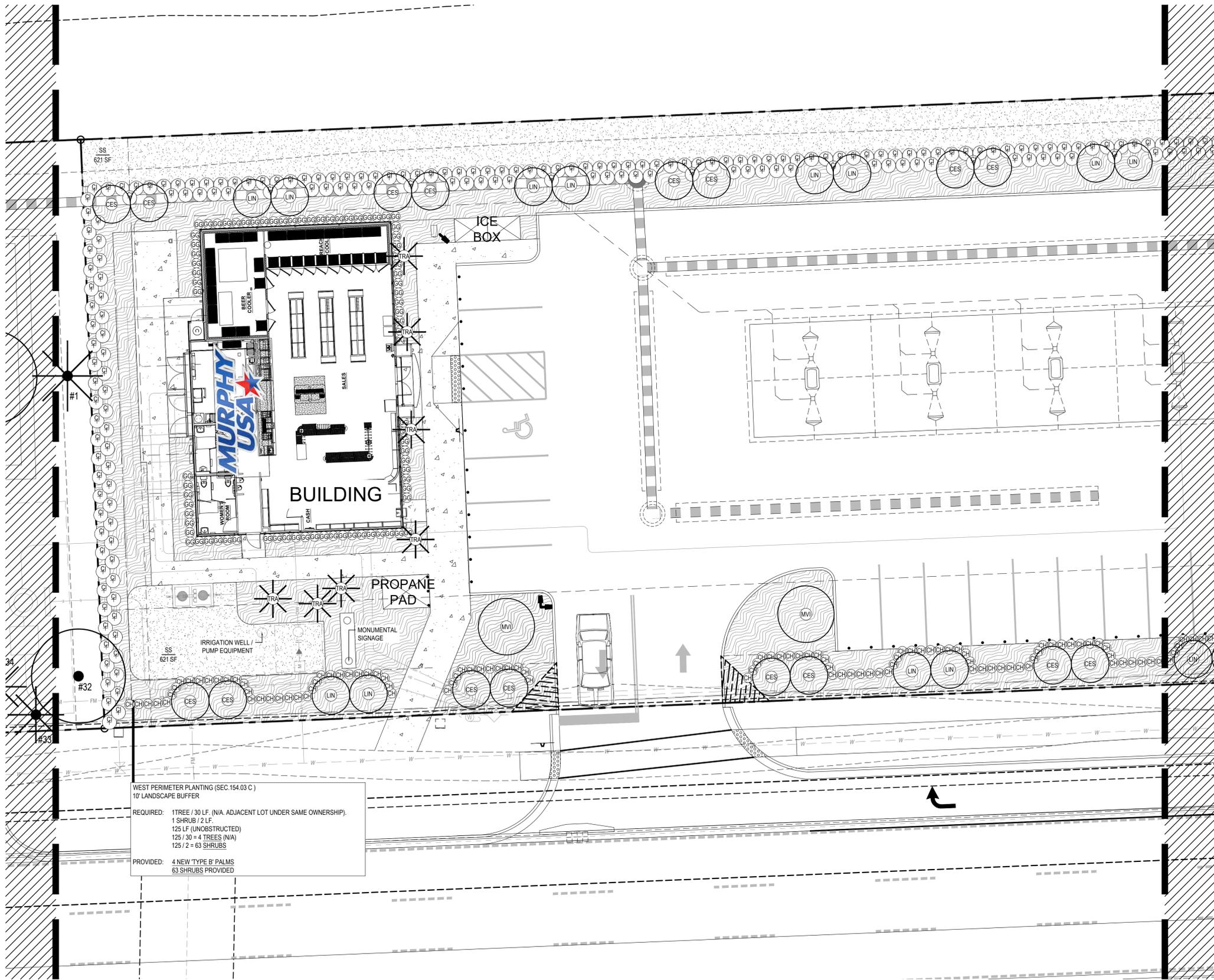
PROVIDED: 24 NEW 'TYPE B' TREES, 2 NEW 'TYPE B' PALMS
221 SHRUBS

PLANT SYMBOL LEGEND

- EXISTING TREES & PALMS
- RELOCATED TREES & PALMS
- PROPOSED TREES & PALMS
- PROPOSED ACCENTS & SHRUBS
- GROUNDCOVER AREAS

N
ENLARGED PLANTING PLAN
SCALE: 3/32"=1'-0"





WEST PERIMETER PLANTING (SEC.154.03 C)
10' LANDSCAPE BUFFER

REQUIRED: 1 TREE / 30 LF. (N/A. ADJACENT LOT UNDER SAME OWNERSHIP).
1 SHRUB / 2 LF.
125 LF. (UNOBSTRUCTED)
125 / 30 = 4 TREES (N/A)
125 / 2 = 63 SHRUBS

PROVIDED: 4 NEW TYPE B' PALMS
63 SHRUBS PROVIDED

PLANT SYMBOL LEGEND

EXISTING TREES & PALMS	RELOCATED TREES & PALMS
PROPOSED TREES & PALMS	PROPOSED ACCENTS & SHRUBS
GROUNDCOVER AREAS	

ENLARGED PLANTING PLAN
SCALE: 3/32"=1'-0"





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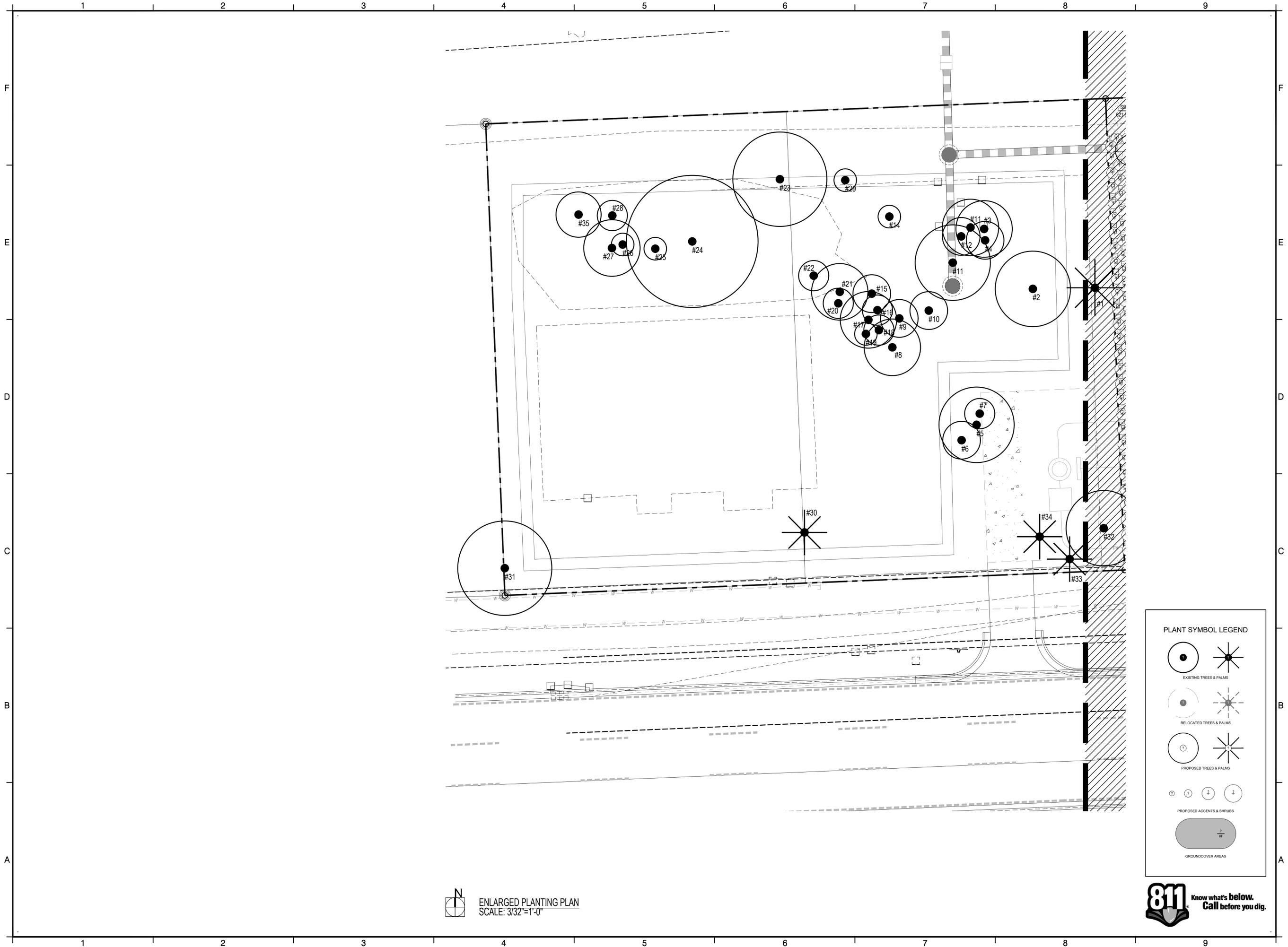
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3/32"=1'-0"

DRAWING TITLE
CONCEPTUAL LANDSCAPE PLAN

DRAWING NUMBER
LS-2.3



PLANT SYMBOL LEGEND

- EXISTING TREES & PALMS (Symbol: solid circle with a dot)
- RELOCATED TREES & PALMS (Symbol: dashed circle with a dot)
- PROPOSED TREES & PALMS (Symbol: solid circle with a dot and a circled number)
- PROPOSED ACCENTS & SHRUBS (Symbol: small solid circle with a circled number)
- GROUNDCOVER AREAS (Symbol: shaded oval)

N
ENLARGED PLANTING PLAN
SCALE: 3/32"=1'-0"

