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NEW POOL, DECK, & REAR YARD LANDSCAPE

162 EAST INLET DRIVE PALM BEACH, FLORIDA



BGS
Landscape
Architecture
& Engineering

512 Lucerne Avenue
Lake Worth Beach, FL 33460
(561) 602-6277
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SHEET INDEX:

- EX1 Existing/Demolition Plan
- L1 Currently & Previously Proposed Hardscape Plan
- L2 Currently & Previously Proposed Landscape Plan
- L2R Currently & Previously Proposed Landscape Plan
- L3 Existing and Proposed Fences, Walls, & Gates
- L4 Sections & Details
- M1 Exterior Materials & Finishes
- Z1 Zoning Diagrams & Calculations
- L5 Proposed South & East Elevations
- LL1 Proposed Landscape Lighting Plan

ARC-23-107
SEPTEMBER 27, 2023 MEETING

ZON-23-077
OCTOBER 11, 2023 MEETING

SCOPE OF WORK:

- Demolish Existing Pool & Deck
- Demolish/Relocate Existing Rear Yard Landscape
- Install New Pool & Deck
- Install New Rear Yard Landscape

ARCHITECT:

SKA Architect + Planner
Patrick W. Segraves, A.I.A.
249 Peruvian Avenue, Suite F-2
Palm Beach, FL 33480
(561) 655-1116

SURVEYOR:

Miller Surveying & Mapping
Michael Miller
1121 Lake Avenue
Lake Worth Beach, FL 33460
(561) 586-2669

CIVIL ENGINEER:

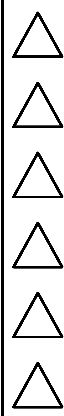
Gruber Consulting Engineers
Chad Gruber
2475 Mercer Avenue
West Palm Beach, FL 33401
(561) 312-2041

ARC-23-107
ZON-23-077
FINAL SUBMITTAL REV1
SEPTEMBER 5, 2023

162 East Inlet Drive
Palm Beach
Florida

JOB #1015

DATE ISSUED:
September 5, 2023



DATE PLOTTED:
September 5, 2023

The first two steps are the most important. The first step is to identify the problem. The second step is to define the problem. The third step is to identify the causes of the problem. The fourth step is to identify the effects of the problem. The fifth step is to identify the stakeholders involved in the problem. The sixth step is to identify the resources available to solve the problem. The seventh step is to identify the constraints on the problem. The eighth step is to identify the risks associated with the problem. The ninth step is to identify the opportunities associated with the problem. The tenth step is to identify the solutions to the problem. The eleventh step is to implement the solutions. The twelfth step is to evaluate the results of the solutions. The thirteenth step is to monitor the results of the solutions. The fourteenth step is to report the results of the solutions. The fifteenth step is to conclude the problem-solving process.



EXISTING/DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

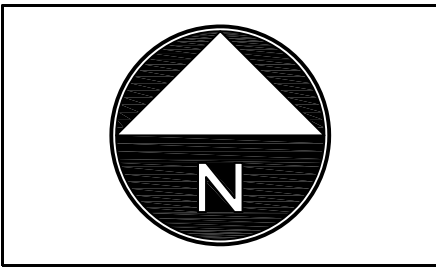
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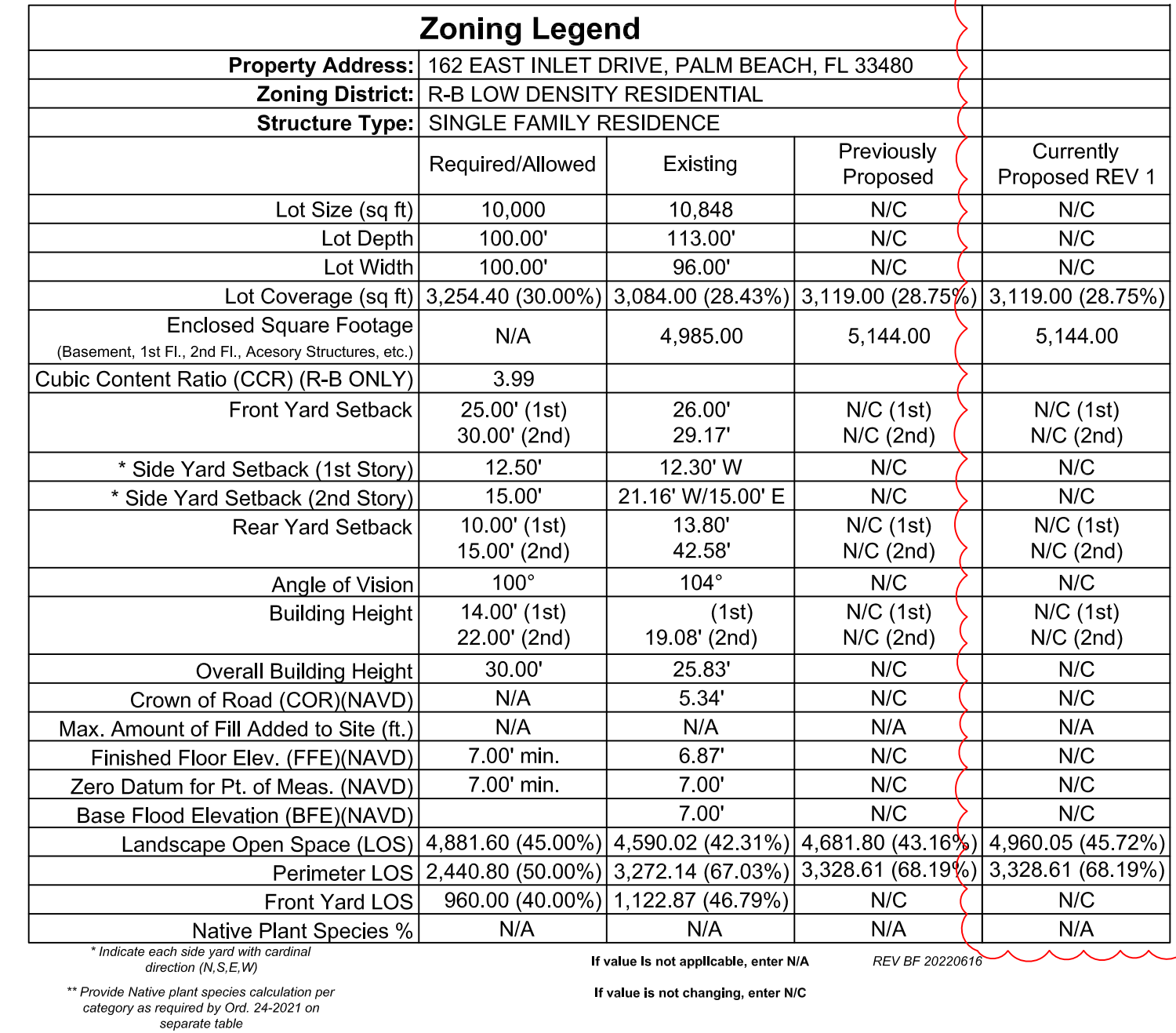
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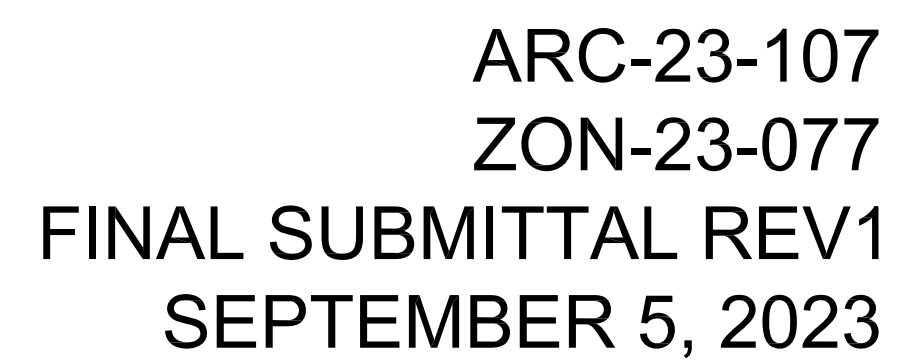
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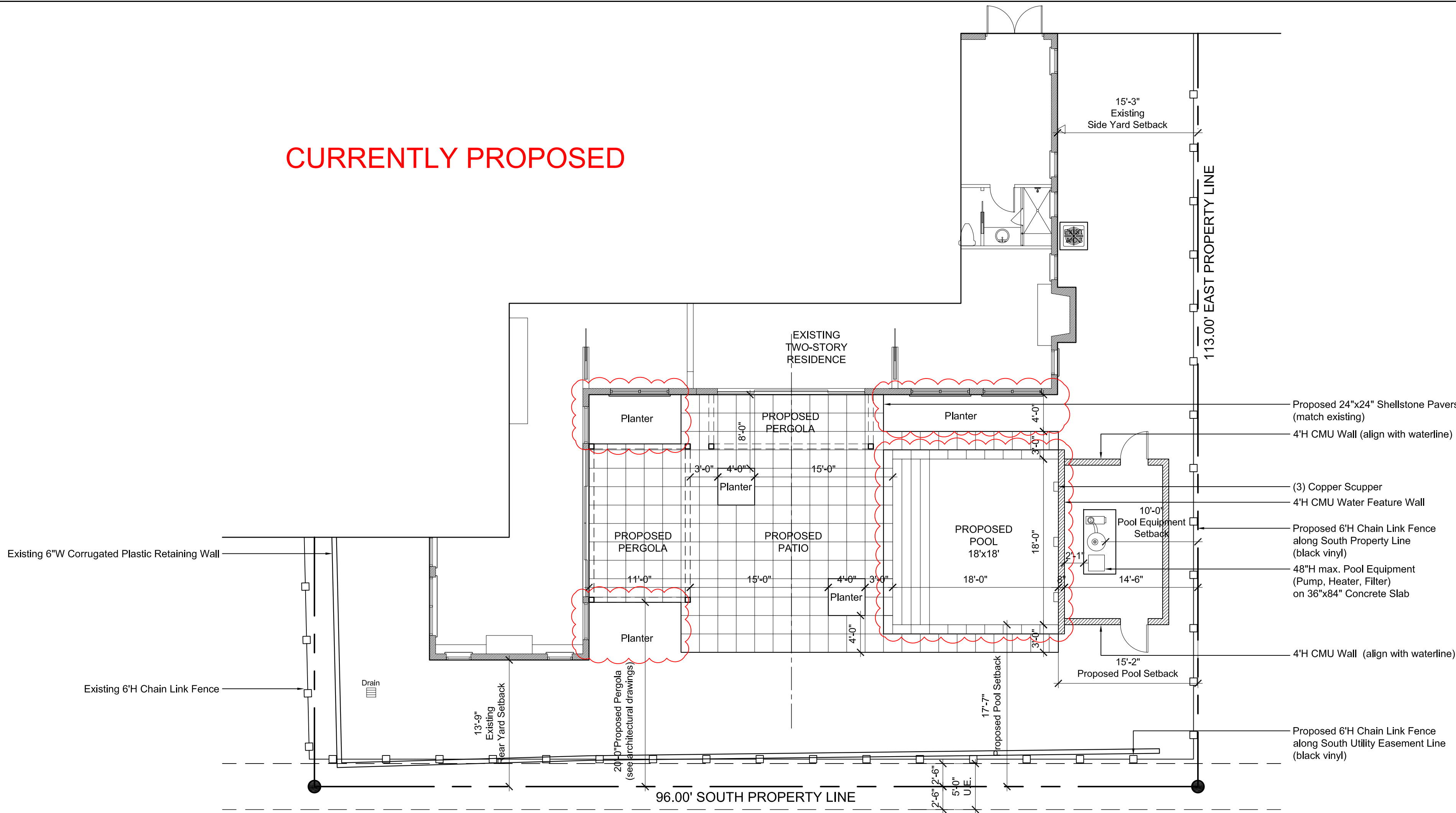
EX1



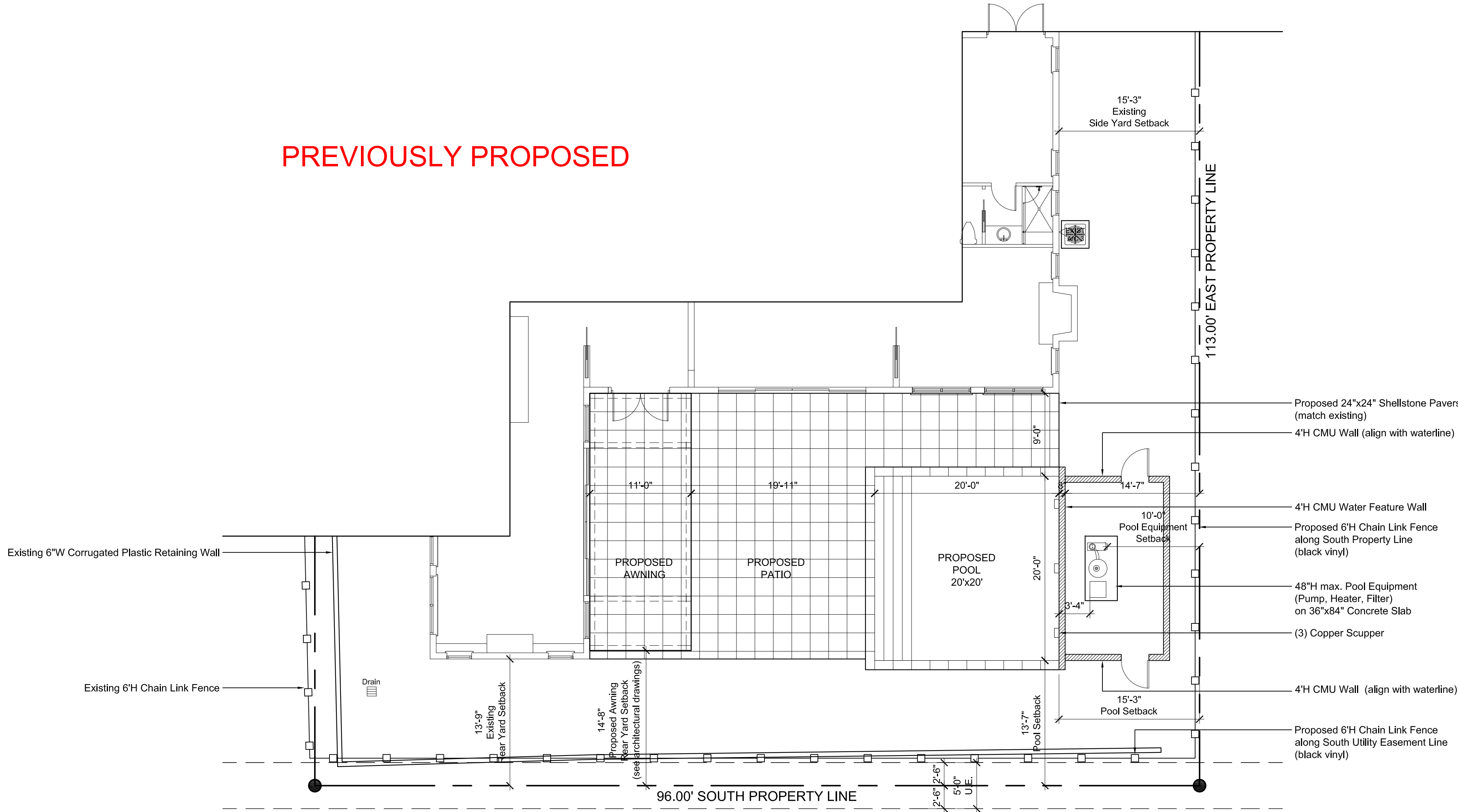
PLANT KEY	
	EXISTING TREE TO BE REMOVED
	EXISTING TREE TO REMAIN
	EXISTING TREE TO BE RELOCATED



CURRENTLY PROPOSED



PREVIOUSLY PROPOSED



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Zoning Legend				
Property Address:	162 EAST INLET DRIVE, PALM BEACH, FL 33480			
Zoning District:	R-B LOW DENSITY RESIDENTIAL			
Structure Type:	SINGLE FAMILY RESIDENCE			
	Required/Allowed	Existing	Previously Proposed	Currently Proposed REV 1
Lot Size (sq ft)	10,000	10,848	N/C	N/C
Lot Depth	100.00'	113.00'	N/C	N/C
Lot Width	100.00'	96.00'	N/C	N/C
Lot Coverage (sq ft)	3,254.40 (30.00%)	3,084.00 (28.43%)	3,119.00 (28.75%)	3,119.00 (28.75%)
Enclosed Square Footage (Basement, 1st Fl., 2nd Fl., Accessory Structures, etc.)	N/A	4,985.00	5,144.00	5,144.00
Cubic Content Ratio (CCR) (R-B ONLY)	3.99			
Front Yard Setback	25.00' (1st) 30.00' (2nd)	26.00' 29.17'	N/C (1st) N/C (2nd)	N/C (1st) N/C (2nd)
* Side Yard Setback (1st Story)	12.50'	12.30' W	N/C	N/C
* Side Yard Setback (2nd Story)	15.00'	21.16' W/15.00' E	N/C	N/C
Rear Yard Setback	10.00' (1st) 15.00' (2nd)	13.80' 42.58'	N/C (1st) N/C (2nd)	N/C (1st) N/C (2nd)
Angle of Vision	100°	104°	N/C	N/C
Building Height	14.00' (1st) 22.00' (2nd)	(1st) 19.08' (2nd)	N/C (1st) N/C (2nd)	N/C (1st) N/C (2nd)
Overall Building Height	30.00'	25.83'	N/C	N/C
Crown of Road (COR)(NAVD)	N/A	5.34'	N/C	N/C
Max. Amount of Fill Added to Site (ft.)	N/A	N/A	N/A	N/A
Finished Floor Elev. (FFE)(NAVD)	7.00' min.	6.87'	N/C	N/C
Zero Datum for Pl. of Meas. (NAVD)	7.00' min.	7.00'	N/C	N/C
Base Flood Elevation (BFE)(NAVD)		7.00'	N/C	N/C
Landscape Open Space (LOS)	4,881.60 (45.00%)	4,590.02 (42.31%)	4,681.80 (43.16%)	4,960.05 (45.72%)
Perimeter LOS	2,440.80 (50.00%)	3,272.14 (67.03%)	3,328.61 (68.19%)	3,328.61 (68.19%)
Front Yard LOS	960.00 (40.00%)	1,122.87 (46.79%)	N/C	N/C
Native Plant Species %	N/A	N/A	N/A	N/A

* Indicate each side yard with cardinal direction (N, S, E, W) If value is not applicable, enter N/A REV BP 20220616

** Provide Native plant species calculation per category as required by Ord. 24-2021 on separate table If value is not changing, enter N/C

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PROPOSED HARDSCAPE PLAN

SCALE: 1/8" = 1'-0"

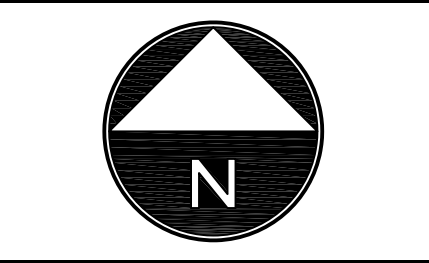
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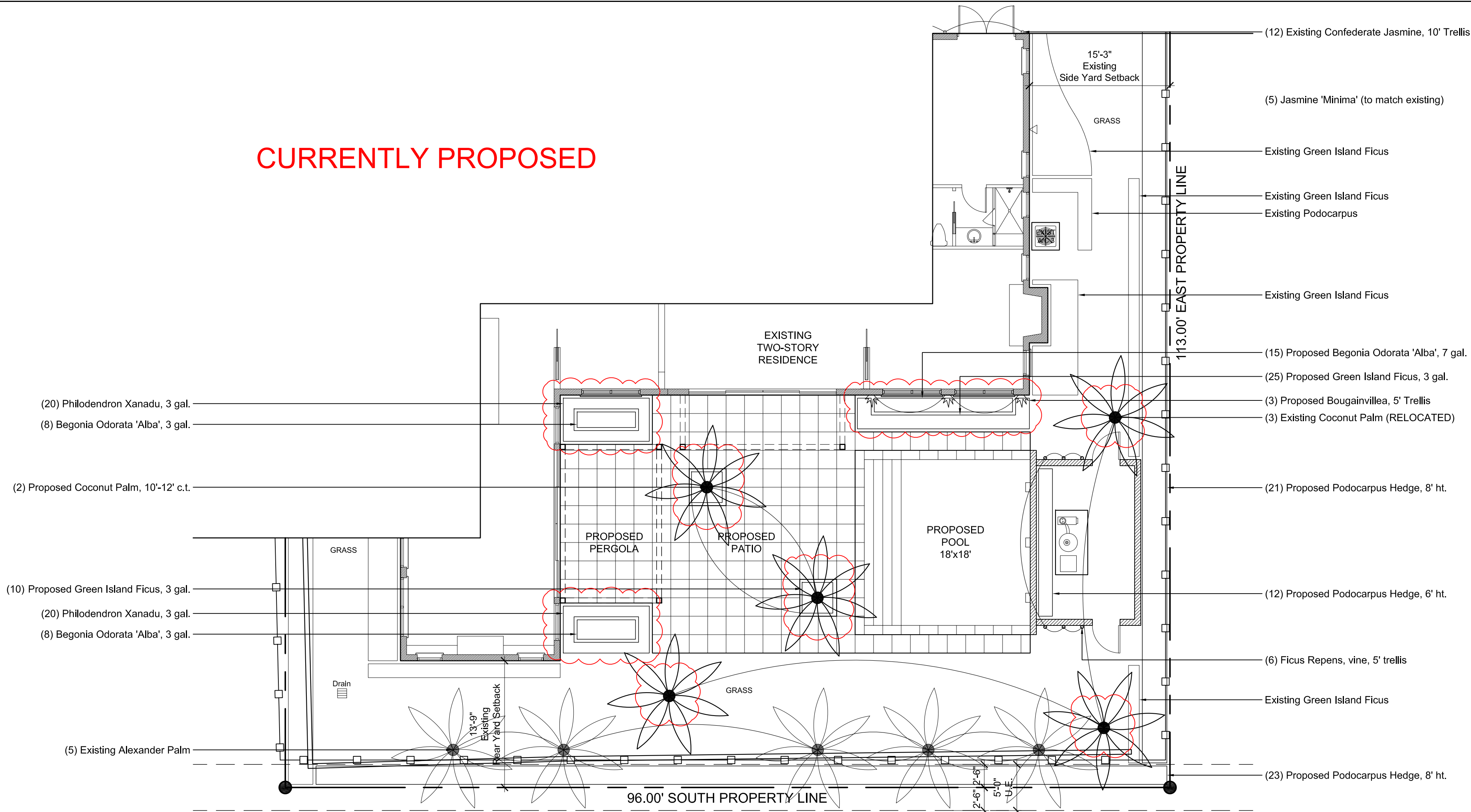


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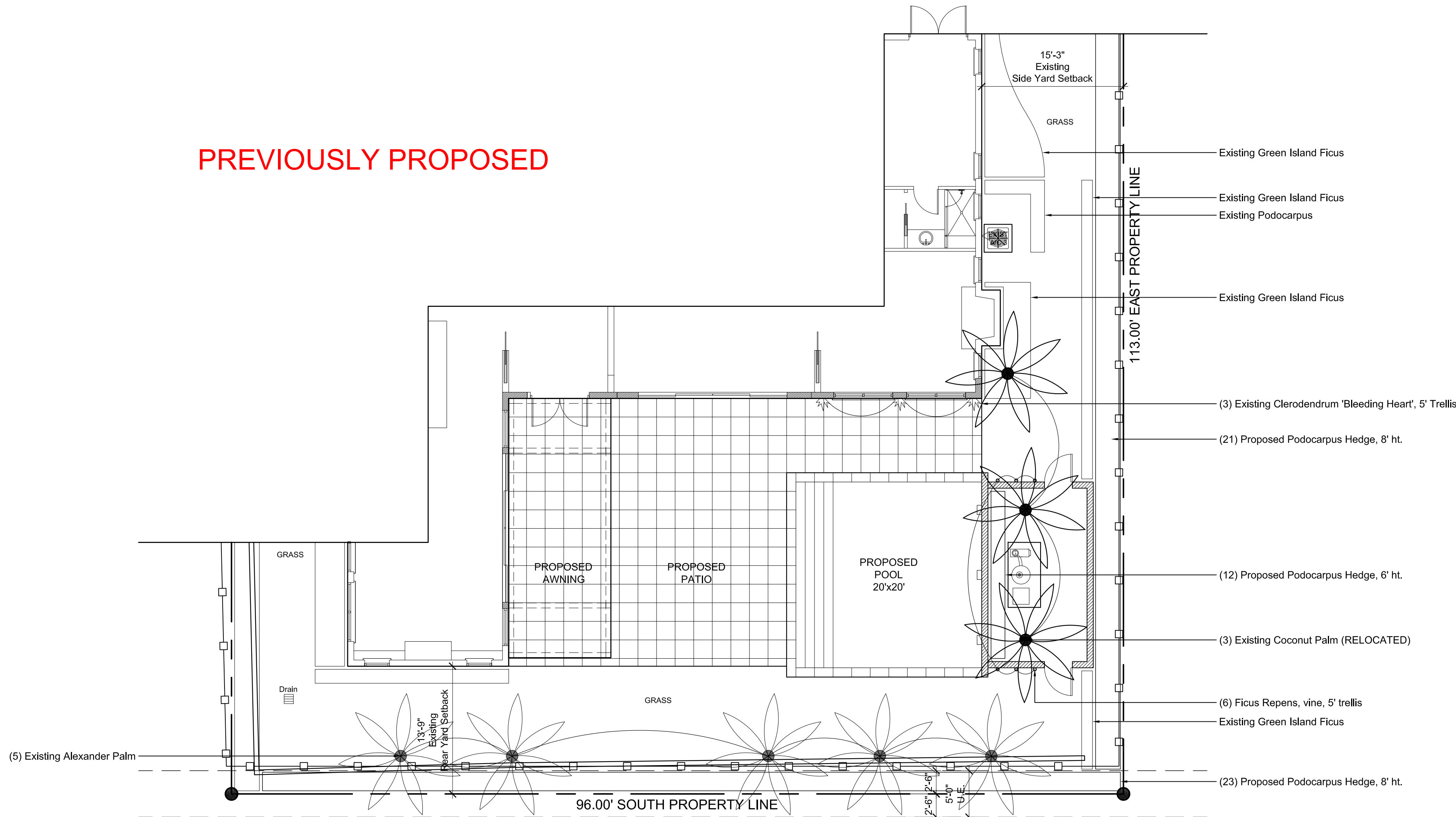
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Structure Type: SINGLE FAMILY RESIDENCE				
	Required/Allowed	Existing	Previously Proposed	Currently Proposed REV 1
Lot Size (sq ft)	10,000	10,848	N/C	N/C
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Rear Yard Setback	10.00' (1st) 15.00' (2nd)	13.80' 42.58'	N/C (1st) N/C (2nd)	N/C (1st) N/C (2nd)
Angle of Vision	100°	104°	N/C	N/C
Building Height	14.00' (1st) 22.00' (2nd)	(1st) 19.08' (2nd)	N/C (1st) N/C (2nd)	N/C (1st) N/C (2nd)
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Max. Amount of Fill Added to Site (ft.)	N/A	N/A	N/A	N/A
Finished Floor Elev. (FFE)(NAVD)	7.00' min.	6.87'	N/C	N/C
Zero Datum for Pl. of Meas. (NAVD)	7.00' min.	7.00'	N/C	N/C
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Front Yard LOS	960.00 (40.00%)	1,122.87 (46.79%)	N/C	N/C
Native Plant Species %	N/A	N/A	N/A	N/A

* Indicate each side yard with cardinal direction (N, S, E, W)
** Provide Native plant species calculation per category as required by Ord. 24-2021 on separate table

If value is not applicable, enter N/A
If value is not changing, enter N/C

REV BF 20220616

Proposed Plant List					
	QTY	COMMON NAME	BOTANICAL NAME	SIZE	COMMENT
TREES		Bird of Paradise	Strelitzia Reginae		existing
		Crinum Lily	Crinum Asiaticum		existing
PALMS		Adonidia Palm	Adonidia Merrillii	Double	existing
		Adonidia Palm	Adonidia Merrillii	Triple	existing
		Alexander Palm	Archontophoenix Alexandrae		existing
		Coconut Palm	Cocos Nucifera		existing
	3	Coconut Palm	Cocos Nucifera		relocated
	2	Coconut Palm	Cocos Nucifera	10'-12' o.a.	
		Pygmy Date Palm	Phoenix Roebelenii	Mix	existing
SHRUBS	31	Begonia Odorata 'Alba'	Begonia Odorata 'Alba'	3 gal.	
		Green Island Ficus	Ficus Microcarpa	Hedge	existing
	35	Green Island Ficus	Ficus Microcarpa	3 gal., 12" o.a.	Full to base
		Podocarpus	Podocarpus Macrophyllus	Hedge	existing
	40	Philodendron Xanadu	Philodendron Bipinnatifidum	3 gal.	
	12	Podocarpus	Podocarpus Macrophyllus	Hedge, 6' o.a.	full to base
	44	Podocarpus	Podocarpus Macrophyllus	Hedge, 8' o.a.	full to base
GC/VINES		Podocarpus	Podocarpus Macrophyllus	Hedge	existing
	3	Bougainvillea	Bougainvillea Spectabilis	5' Trellis	
		Confederate Jasmine	Trachelospermum Jasminoids	5' Trellis	existing
		Confederate Jasmine	Trachelospermum Jasminoids	10' Trellis	existing
	6	Ficus Repens	Ficus Pumila	5' Tellis	
		Jasmine 'Minima'	Trachelospermum Asiaticum	Liners	existing
	10	Jasmine 'Minima'	Trachelospermum Asiaticum	Liners	match existing
		St. Augustine Turf	Stenotaphrum Secundatum		existing
		St. Augustine Turf	Stenotaphrum Secundatum		match existing

PLANT KEY	
	EXISTING TREE TO REMAIN
	NEW/RELOCATED TREE

1 2 5 10 20

ARC-23-107
ZON-23-077

FINAL SUBMITTAL REV1
SEPTEMBER 5, 2023

SCALE: 1/8" = 1'-0"

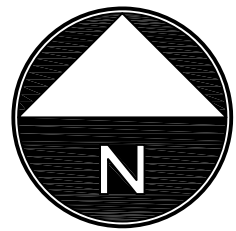
PROPOSED LANDSCAPE PLAN

162 East Inlet Drive
Palm Beach
Florida

JOB #1015

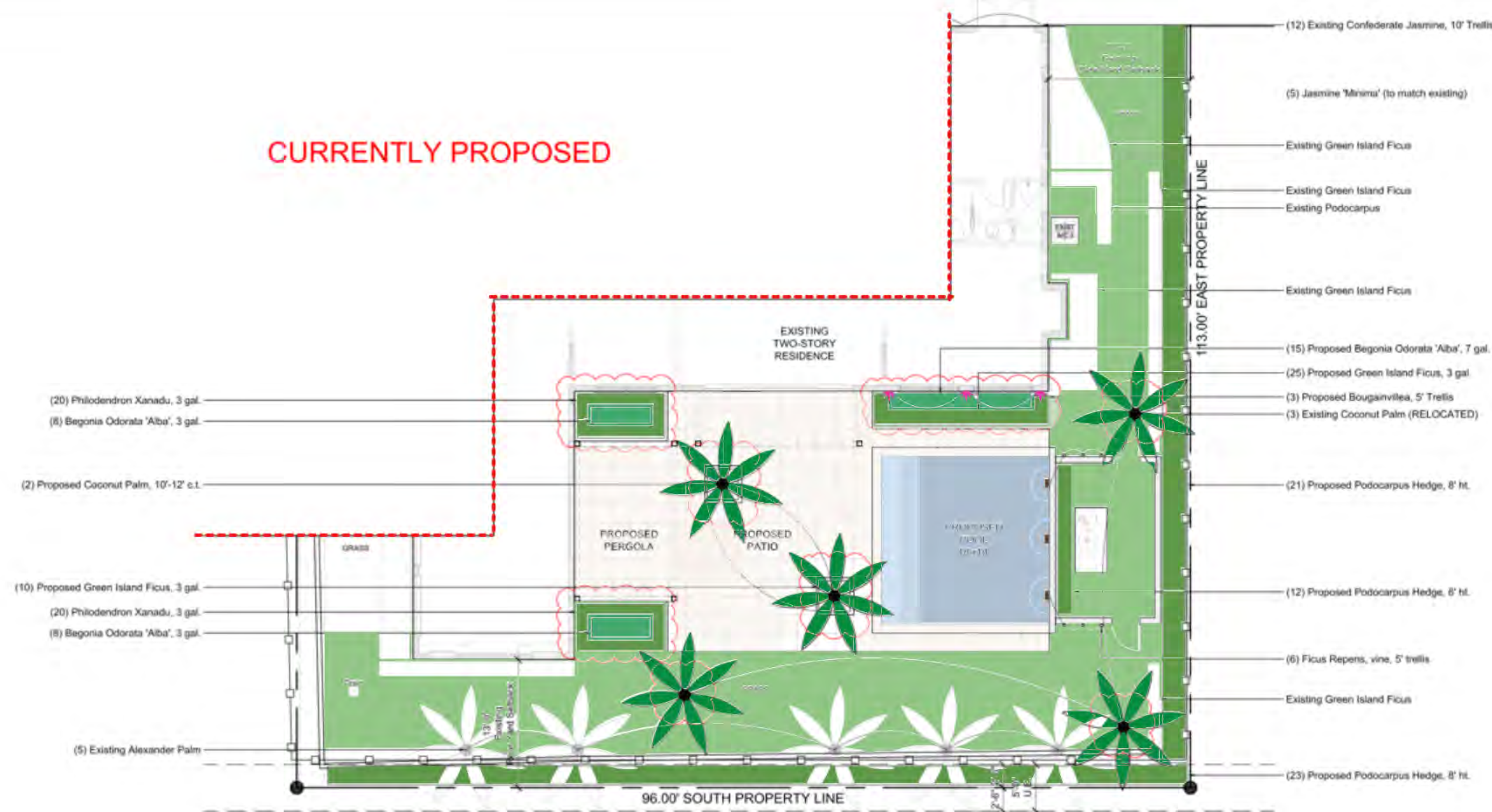
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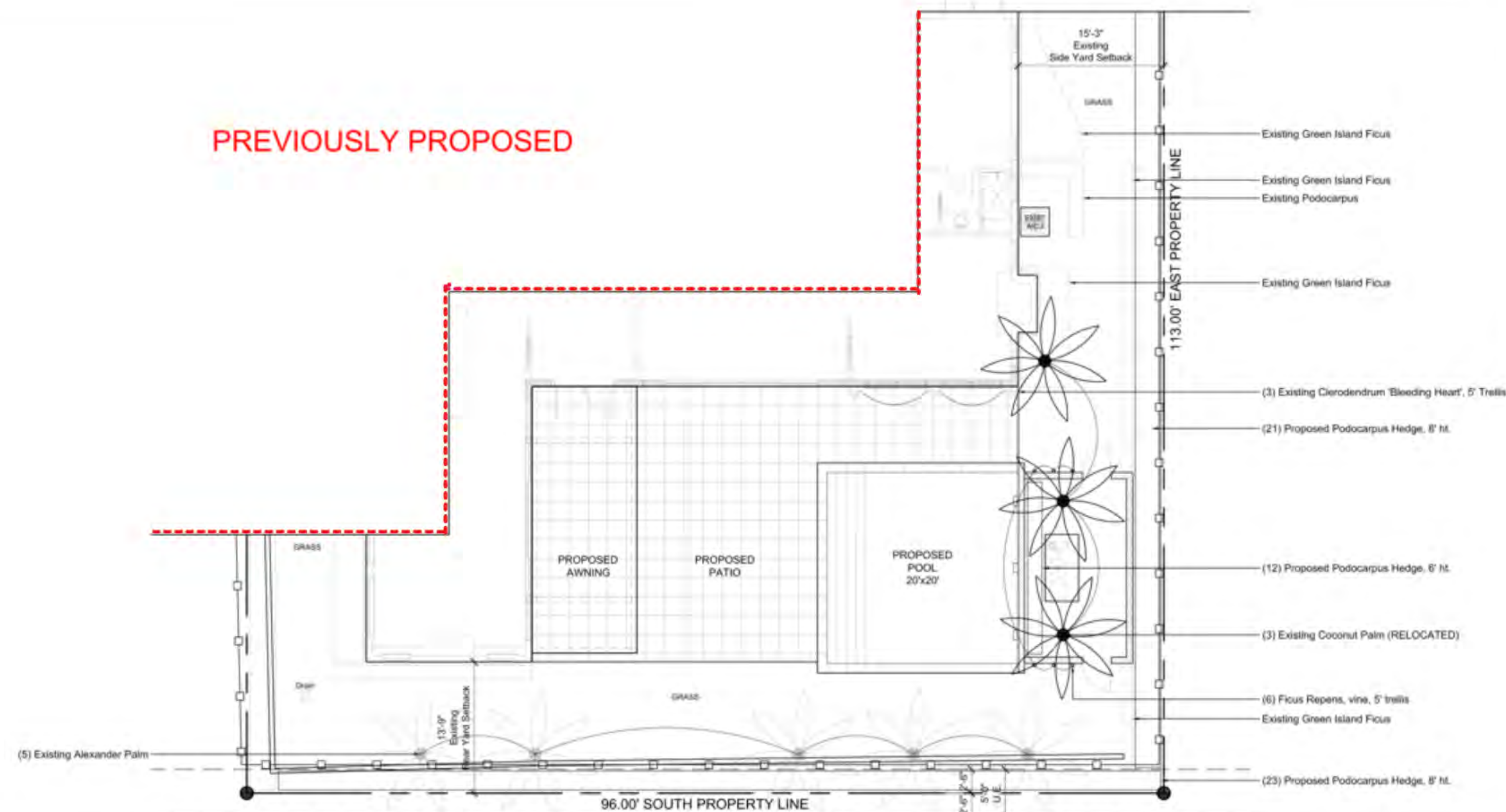


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Front Yard LOS	960.00 (40.00%)	1,122.87 (46.79%)	N/C	N/C
Native Plant Species %	N/A	N/A	N/A	N/A

* Includes native plant species with existing vegetation (N/A, N/C, etc.)

** Provide native plant species calculation per category as required by Ord. 24-2022 on separate sheet

Proposed Plant List

	QTY	COMMON NAME	BOTANICAL NAME	SIZE	COMMENT	NATIVE
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		Crimum Lily	Crimum Asiaticum		existing	
PALMS		Adonia Palm	Adonia Merrillii	Double	existing	
		Adonia Palm	Adonia Merrillii	Triple	existing	
		Alexander Palm	Archontophoenix Alexandrae		existing	
		Coconut Palm	Cocos Nucifera		existing	
	3	Coconut Palm	Cocos Nucifera		relocated	
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SHRUBS		Pygmy Date Palm	Phoenix Roebelenii	Mix	existing	
	31	Begonia Odorata 'Alba'	Begonia Odorata 'Alba'	3 gal.		
		Green Island Ficus	Ficus Microcarpa	Hedge	existing	
	35	Green Island Ficus	Ficus Microcarpa	3 gal., 12" o.a.	Full to base	
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	40	Philodendron Xanadu	Philodendron Bipinnatifidum	3 gal.		
GC VINES	12	Podocarpus	Podocarpus Macrophyllus	Hedge, 6' o.a.	full to base	
	44	Podocarpus	Podocarpus Macrophyllus	Hedge, 8' o.a.	full to base	
		Podocarpus	Podocarpus Macrophyllus	Hedge	existing	
	3	Bougainvillea	Bougainvillea Spectabilis	5' Trellis		
		Confederate Jasmine	Trachelospermum Jasminoids	5' Trellis	existing	
		Confederate Jasmine	Trachelospermum Jasminoids	10' Trellis	existing	
	6	Ficus Repens	Ficus Pumila	5' Trellis		
		Jasmine 'Minima'	Trachelospermum Asiaticum	Liners	existing	
	10	Jasmine 'Minima'	Trachelospermum Asiaticum	Liners	match existing	
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		St. Augustine Turf	Stenotaphrum Secundatum		match existing	

PLANT KEY

	EXISTING TREE TO REMAIN
	NEW/RELOCATED TREE

1 2 5 10 20

ARC-23-107
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PROPOSED LANDSCAPE PLAN (RENDERED) SCALE: 1/8" = 1'-0"

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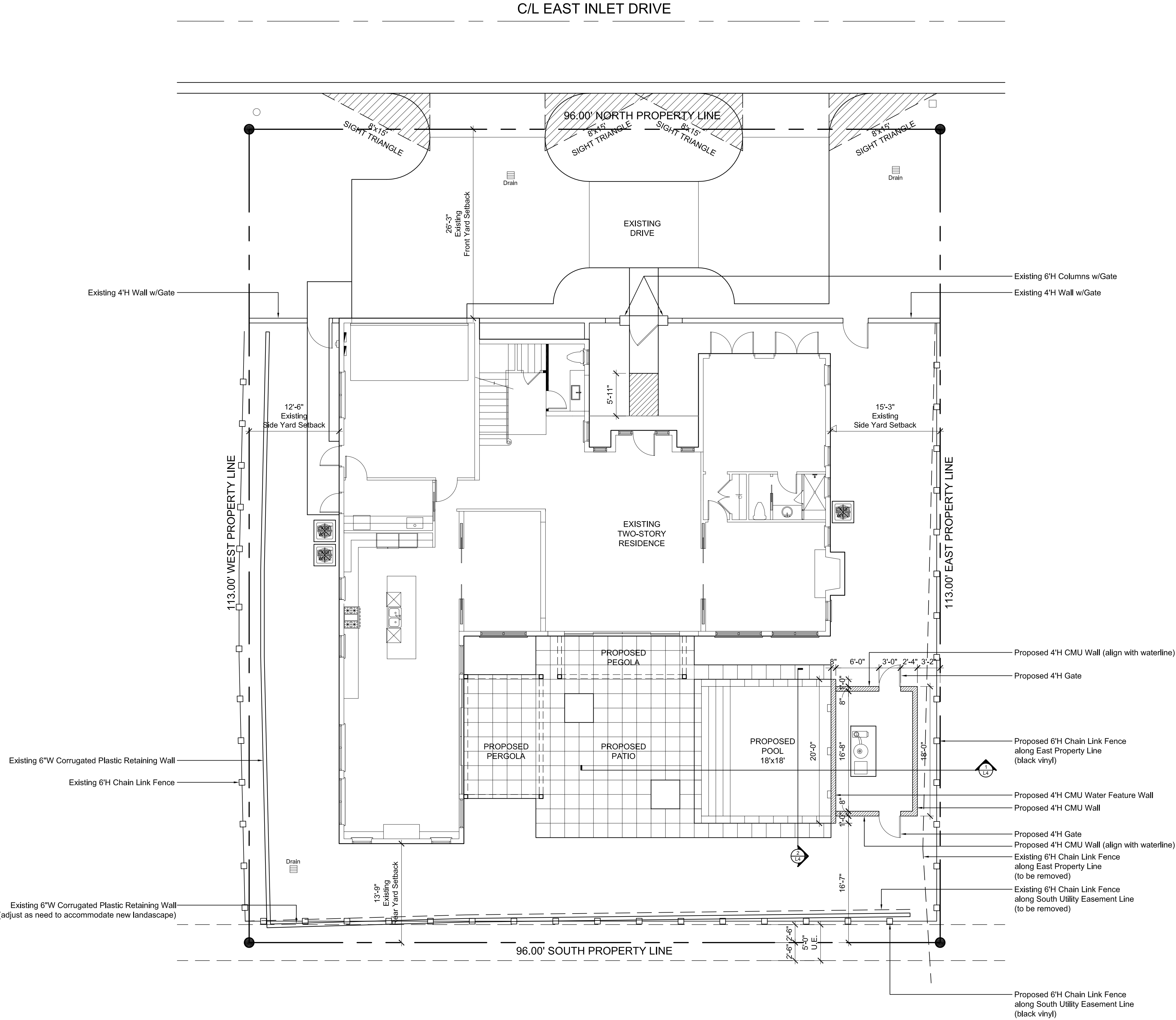
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EXISTING & PROPOSED FENCES, WALLS, & GATES SCALE: 1/8" = 1'-0"

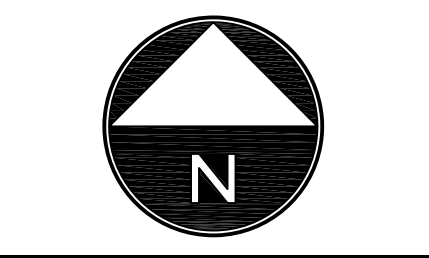
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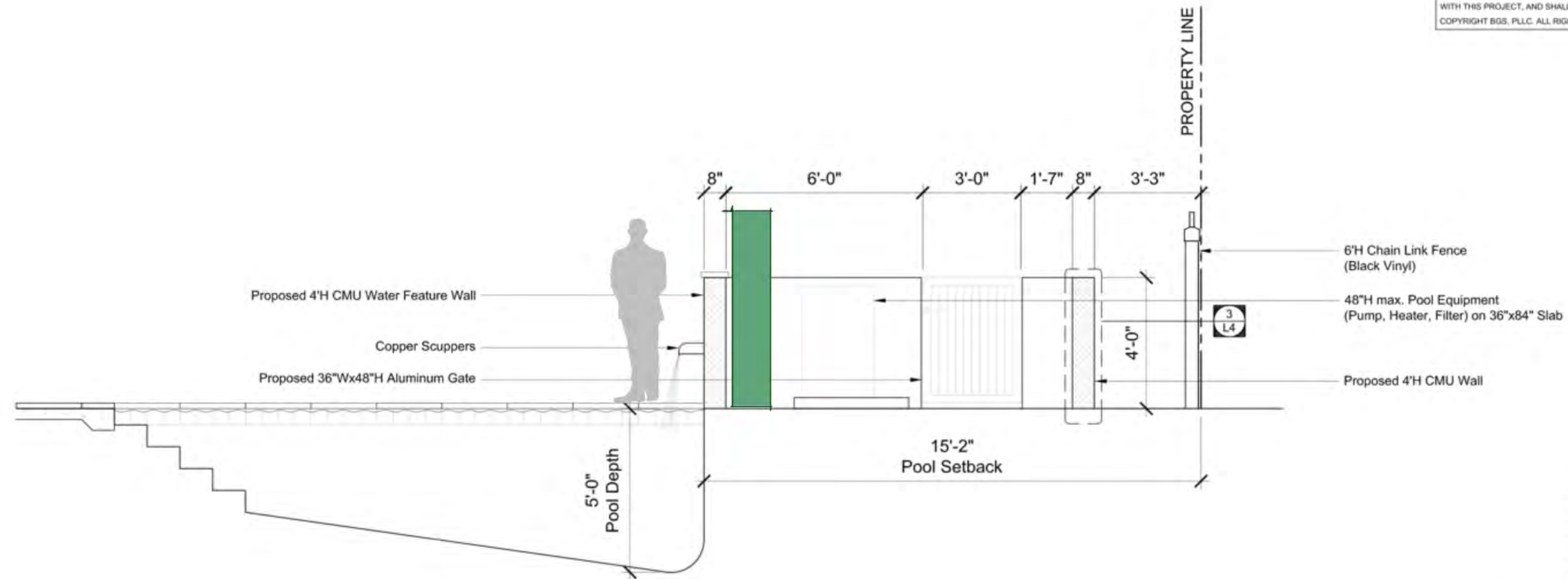
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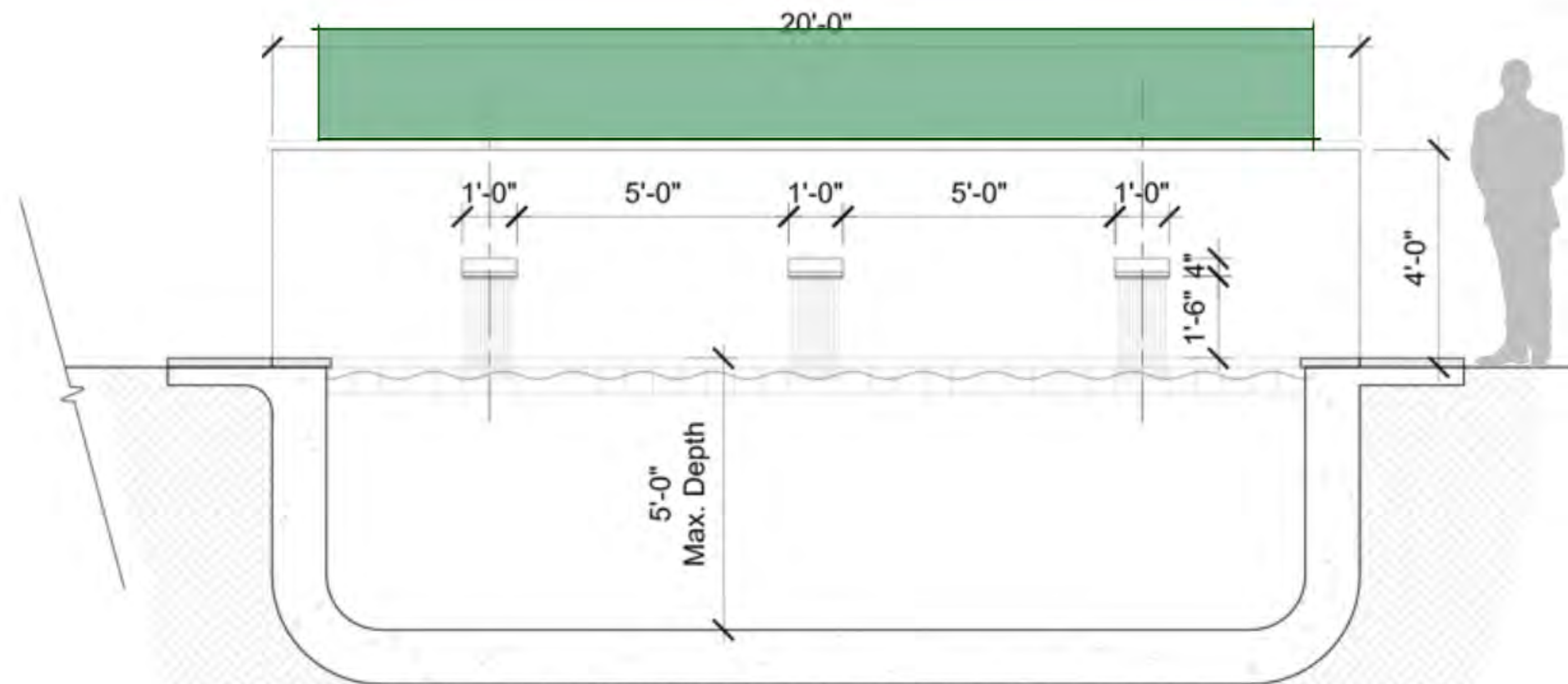


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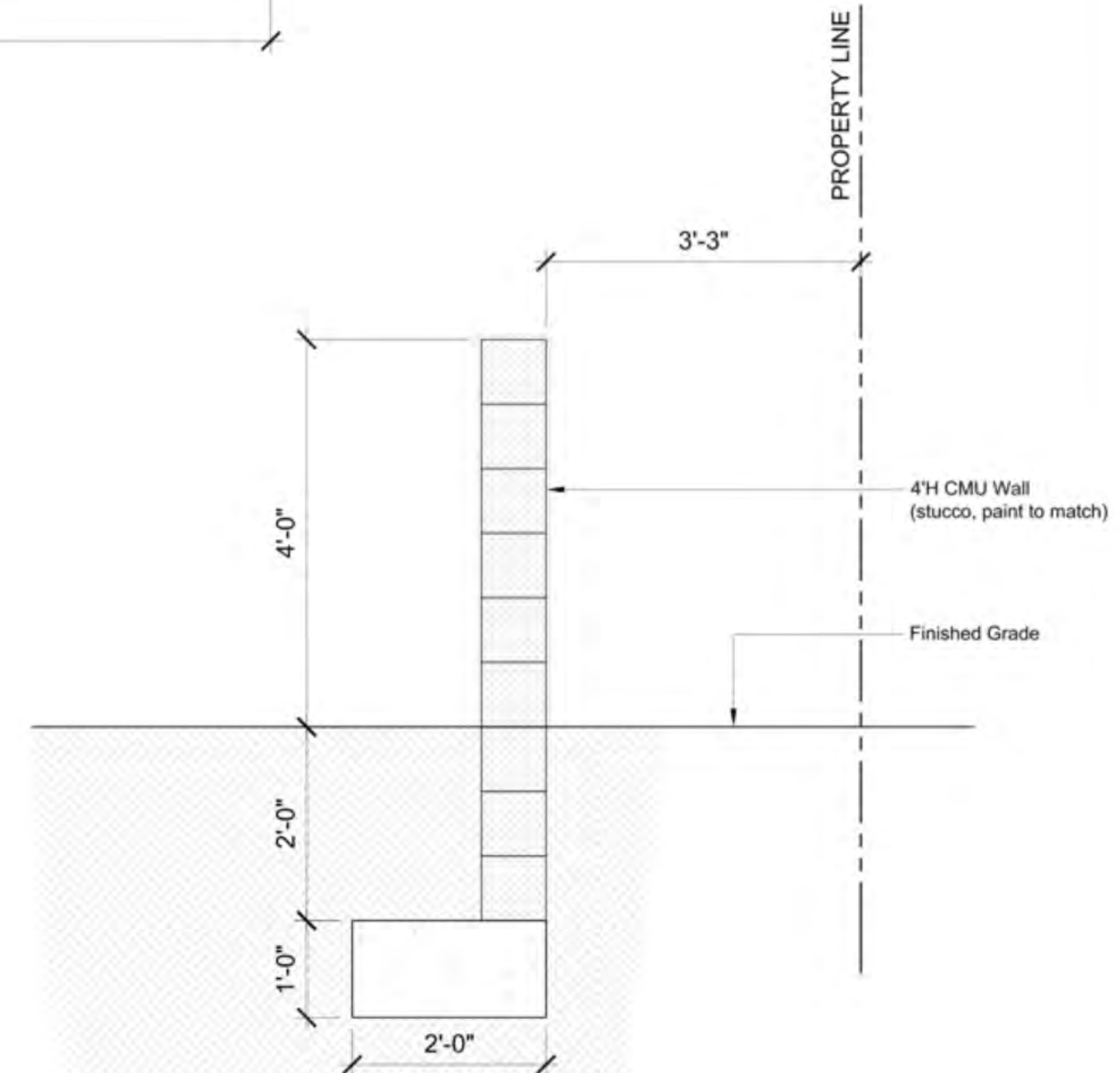
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1
L4 Section @ Pool, Pool Equipment, & Walls
1/2" = 1'-0"



2
L4 Section/Elevation @ Pool & Water Feature Wall
1/2" = 1'-0"



3
L4 East Site Wall Section
1" = 1'-0"

1 2 5 10 20

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SCALE: 1/2" = 1'-0"

SECTIONS & DETAILS

162 East Inlet Drive
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EXTERIOR MATERIALS & FINISHES

162 East Inlet Drive
Palm Beach
Florida

JOB #1015

DATE ISSUED:
September 5, 2023

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DATE PLOTTED:
September 5, 2023



M1

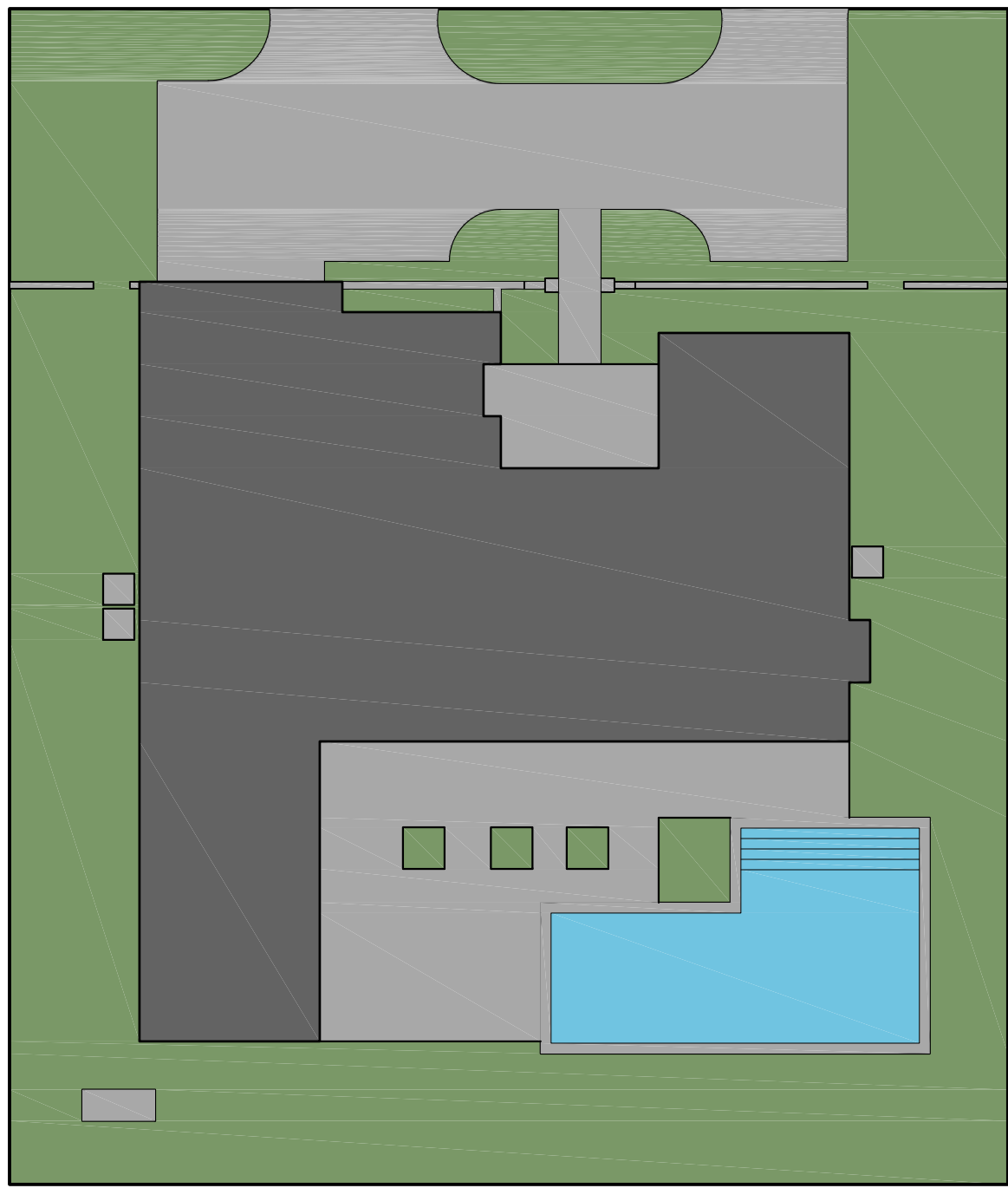


M
Diana Royal - Tumbled

Proposed Terrace Material
(Note: 24"x24" unit sizes)

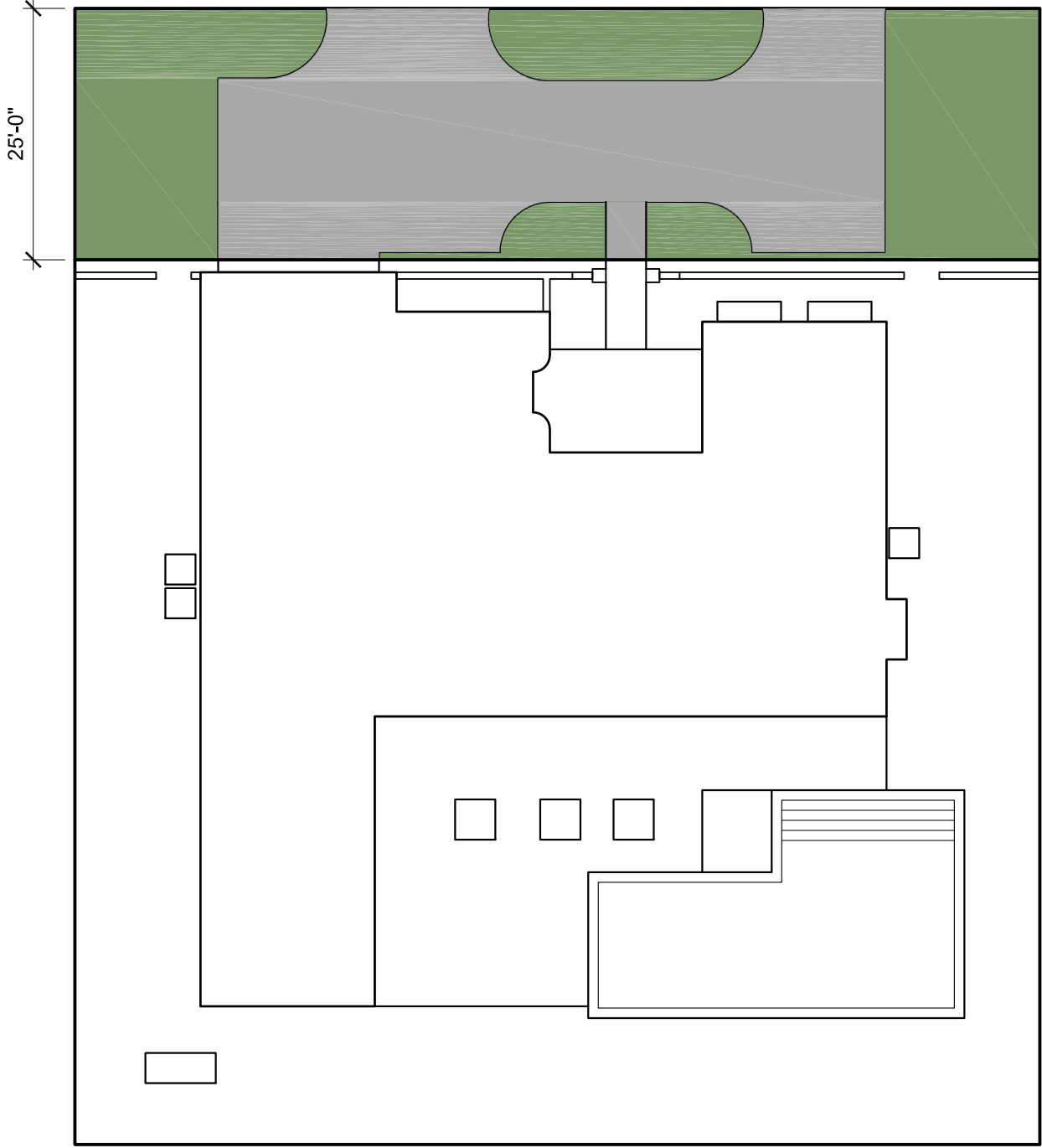
ARC-23-107
ZON-23-077
FINAL SUBMITTAL REV 1
SEPTEMBER 5, 2023

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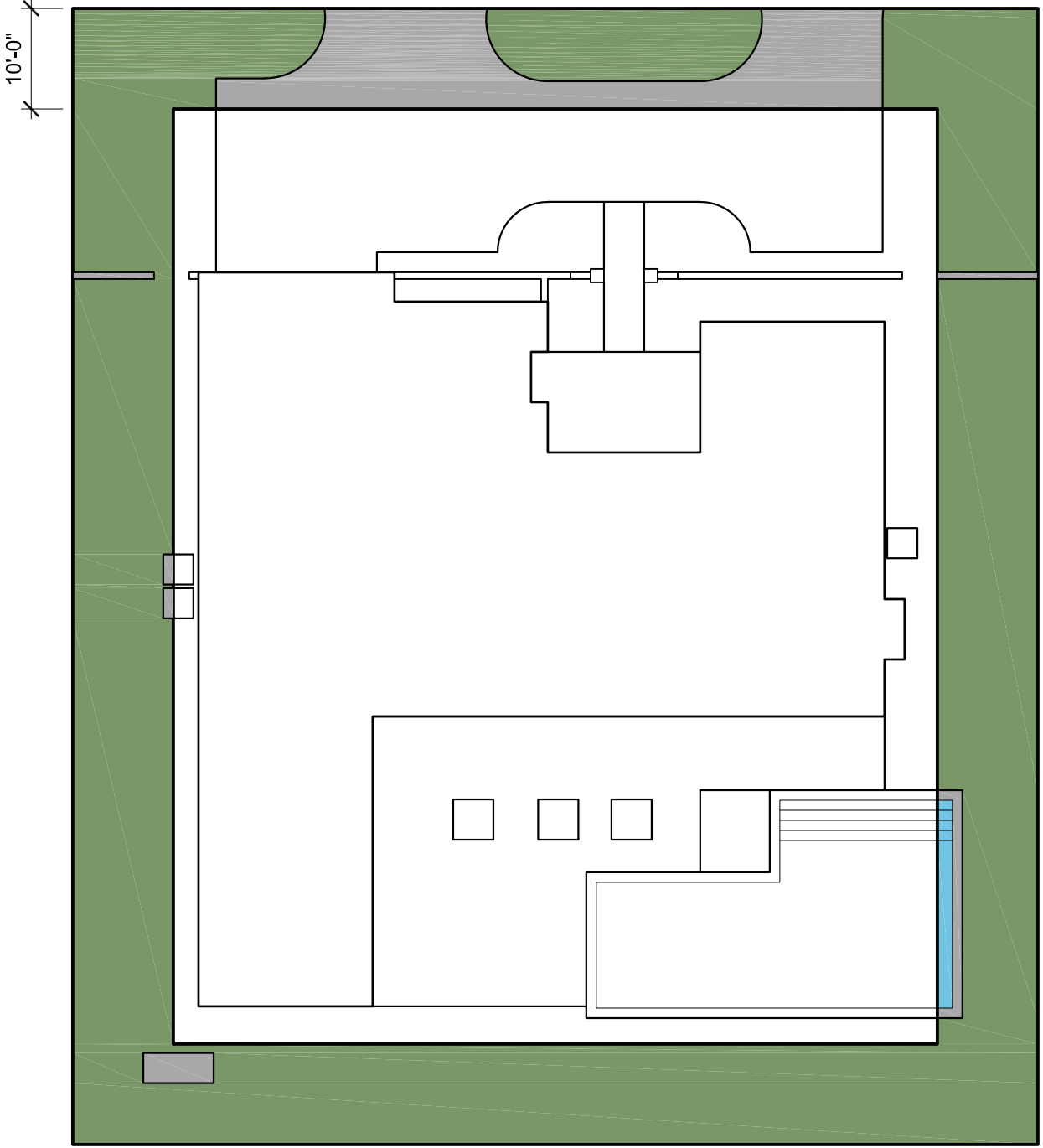
EXISTING LANDSCAPE OPEN SPACE DIAGRAM

LANDSCAPE - OVERALL			
- Required	4,881.60	SQ.FT.	45.00%
- Existing	4,590.02	SQ.FT.	42.31%



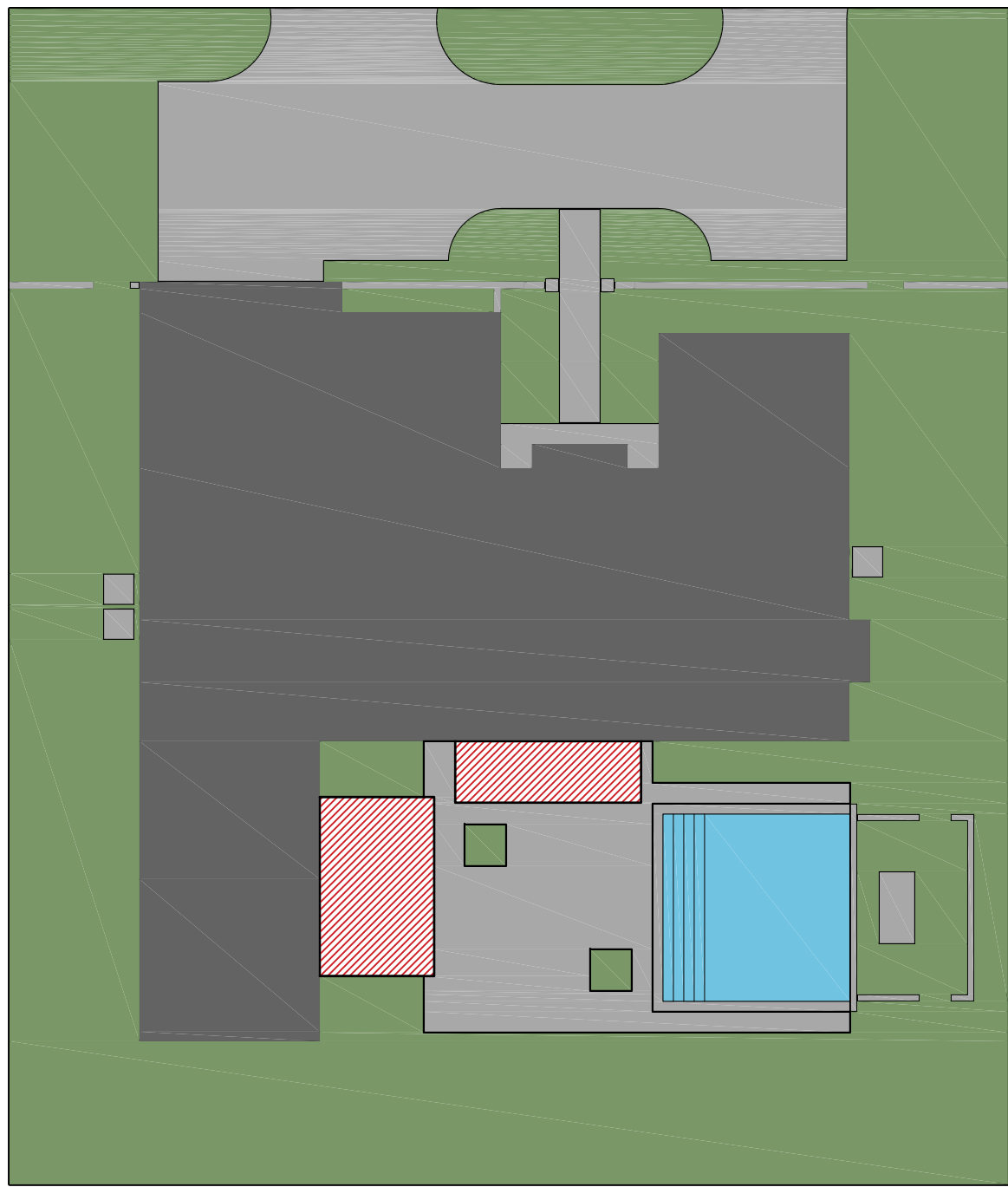
EXISTING FRONT YARD OPEN SPACE DIAGRAM

LANDSCAPE - FRONT YARD (2,400.00 SQ.FT.)			
- Required	960.00	SQ.FT.	40.00%
- Existing	1,122.87	SQ.FT.	46.79%



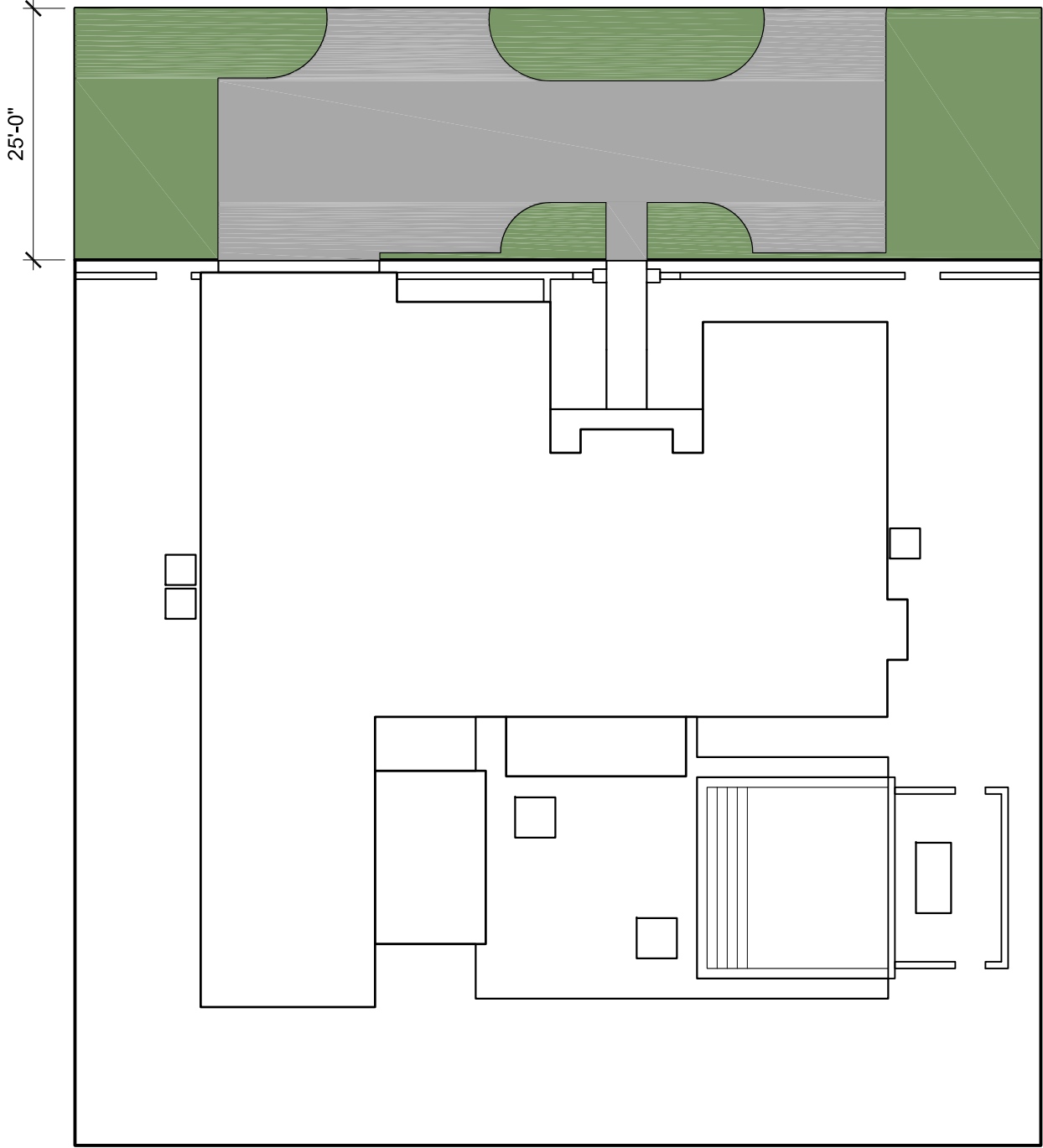
EXISTING 10' PERIMETER OPEN SPACE DIAGRAM

LANDSCAPE - 10' PERIMETER (50% of Overall Required)			
- Required	2,440.80	SQ.FT.	50.00%
- Existing	3,272.14	SQ.FT.	67.03%



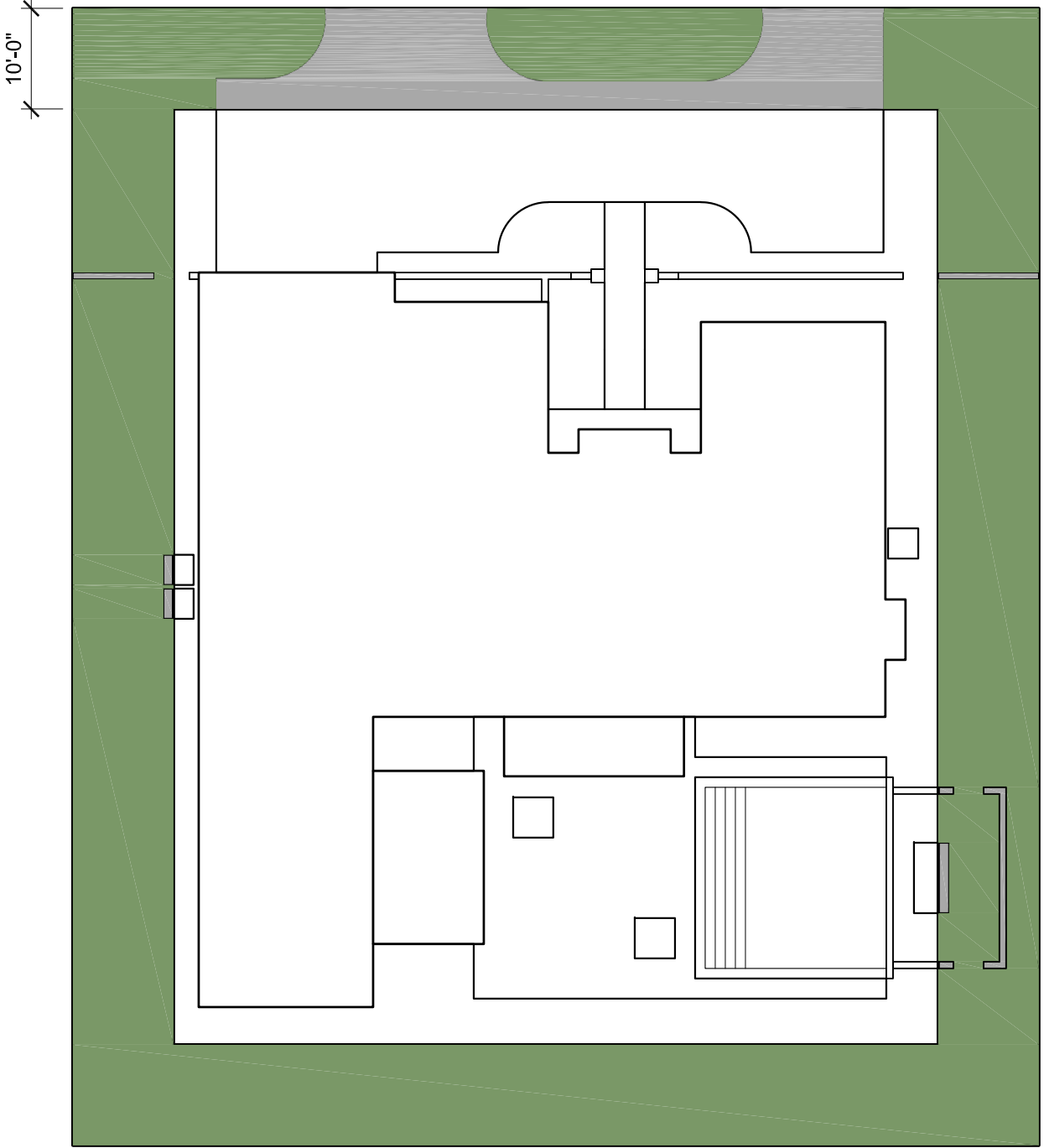
PROPOSED LANDSCAPE OPEN SPACE DIAGRAM

LANDSCAPE - OVERALL			
- Required	4,881.60	SQ.FT.	45.00%
- Proposed	4,960.05	SQ.FT.	45.72%



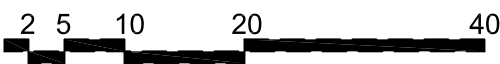
PROPOSED FRONT YARD OPEN SPACE DIAGRAM

LANDSCAPE - FRONT YARD (2,400.00 SQ.FT.)			
- Required	960.00	SQ.FT.	40.00%
- Proposed	1,122.87	SQ.FT.	46.79%



PROPOSED 10' PERIMETER OPEN SPACE DIAGRAM

LANDSCAPE - 10' PERIMETER (50% of Overall Required)			
- Required	2,440.80	SQ.FT.	50.00%
- Proposed	3,328.61	SQ.FT.	68.19%



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SEPTEMBER 5, 2023

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

ZONING DIAGRAMS

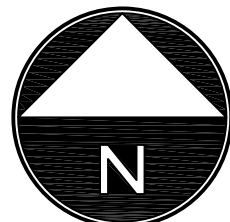
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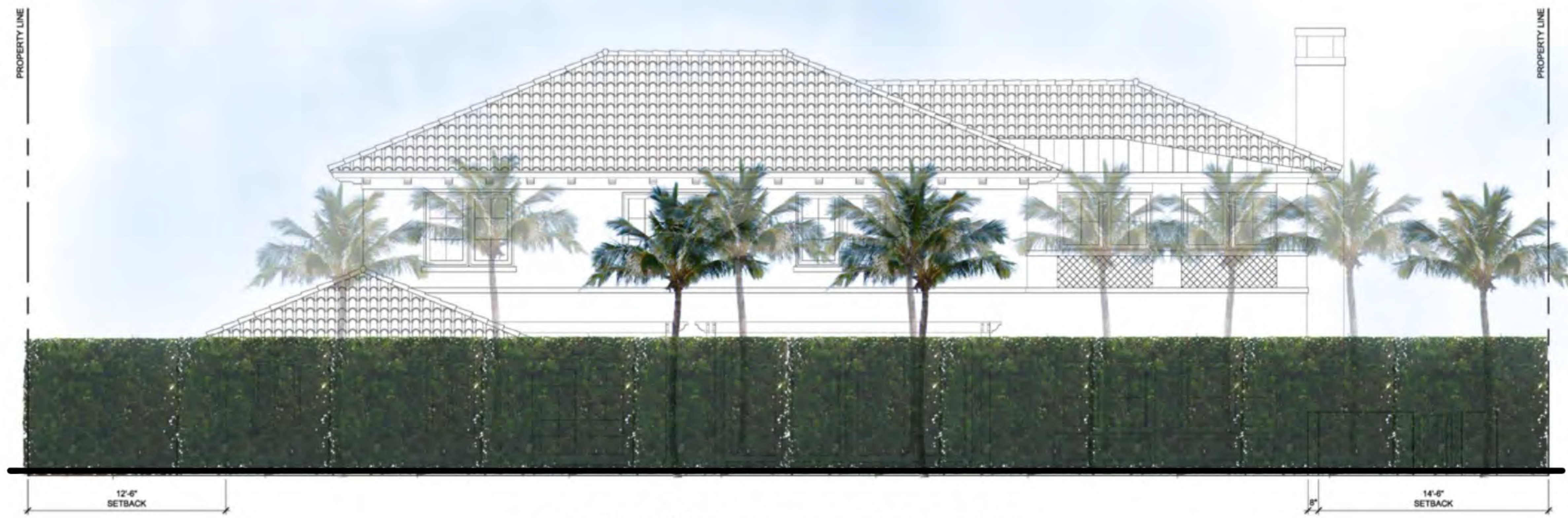


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Z1

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PROPOSED SOUTH ELEVATION



PROPOSED EAST ELEVATION

1 2 5 10

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EXISTING & PROPOSED EAST ELEVATION SCALE: 1/4" = 1'-0"

162 East Inlet Drive
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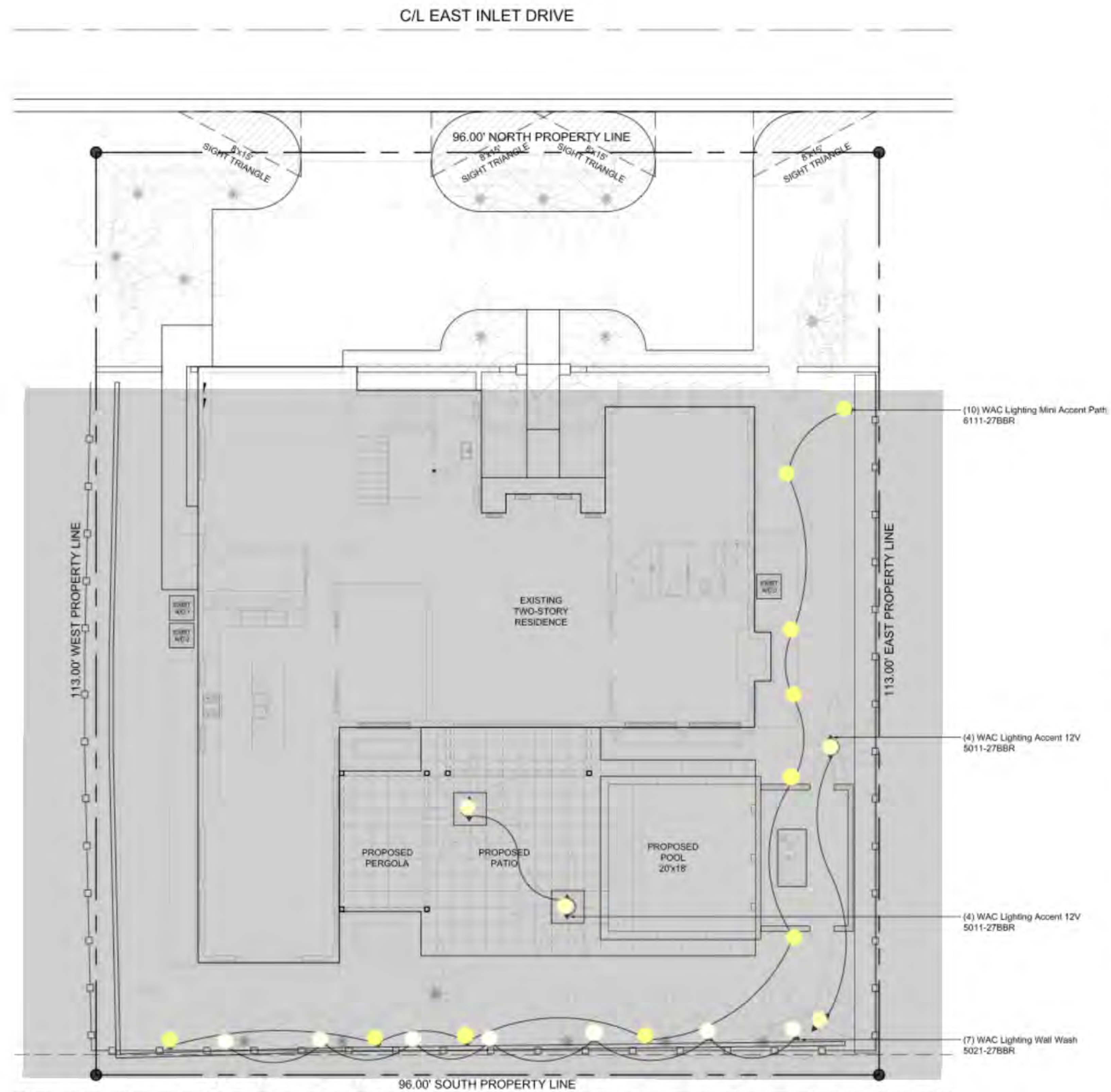
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BGS
Landscape
Architecture
& Engineering

512 Lucerne Avenue
Lake Worth Beach, FL 33460
(561) 802-6277
bgsplc.com
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L5

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LIGHTING LEGEND					
Symbol	Qty.	Manufacturer	Model Number	Volts	Type
▲	8	WAC Lighting	5011-27BBR	12	Accent
●	10	WAC Lighting	6111-27BBR	12	Mini Accent Path
▼	7	WAC Lighting	5021-27BBR	12	Wall Wash



1 2 5 10 20

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FINAL SUBMITTAL REV1
SEPTEMBER 5, 2023

PROPOSED LANDSCAPE LIGHTING PLAN

SCALE: 1/8" = 1'-0"

162 East Inlet Drive
Palm Beach
Florida

JOB #1015

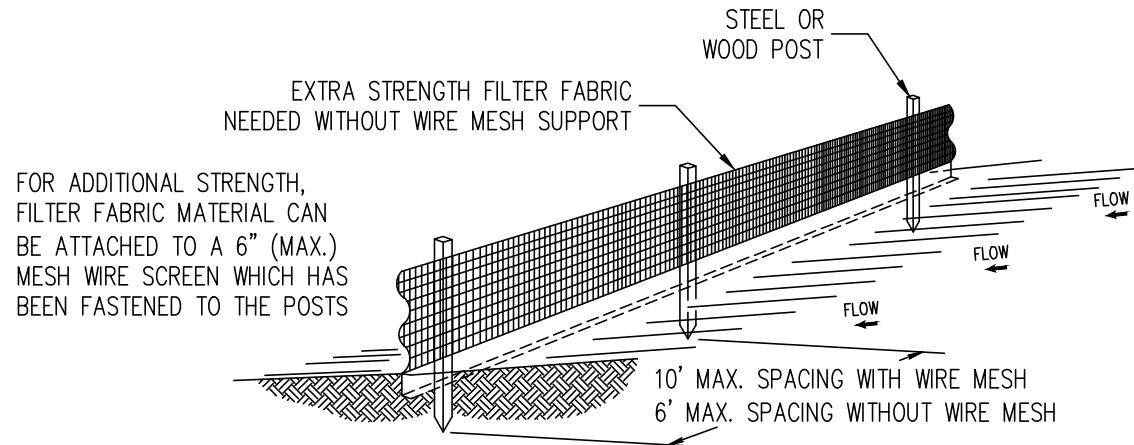
DATE ISSUED:
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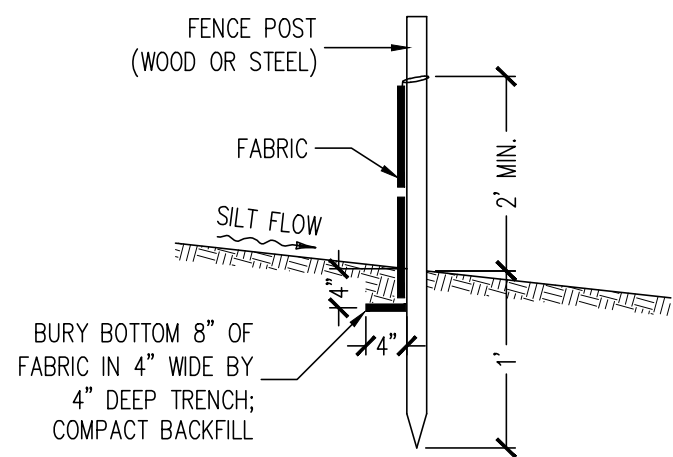
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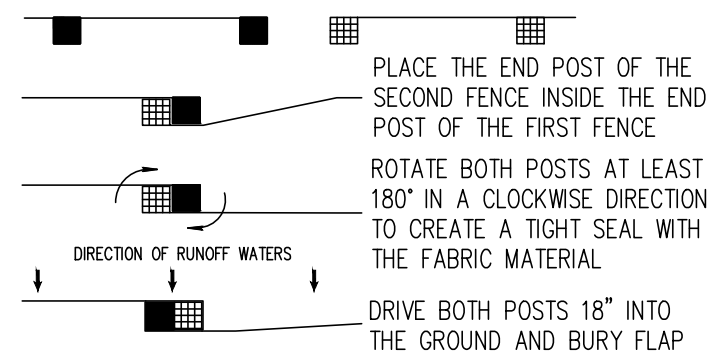
Notes:

- 1) The height of a silt fence shall not exceed 36".
- 2) Filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid the use of joints.
- 3) Posts shall be spaced a maximum of 10' apart at the barrier location and driven securely into the ground a minimum of 12". When extra strength fabric is used without the wire support fence, post spacing shall not exceed 6'.
- 4) A trench shall be excavated approximately 4" wide and 4" deep along the line of posts and upslope from the barrier.
- 5) When standard strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using heavy duty wire staples at least 1" long, tie wires, or hog rings. The wire shall extend into the trench a minimum of 2" and shall not extend more than 36" above the original ground surface.
- 6) The standard strength filter fabric shall be stapled or wired to the fence, and 8" of the fabric shall be extended into the trench. The fabric shall not extend more than 36" above the original ground surface.
- 7) The trench shall be backfilled and the soil compacted over the filter fabric.

SILT FENCE DETAIL
N.T.S.



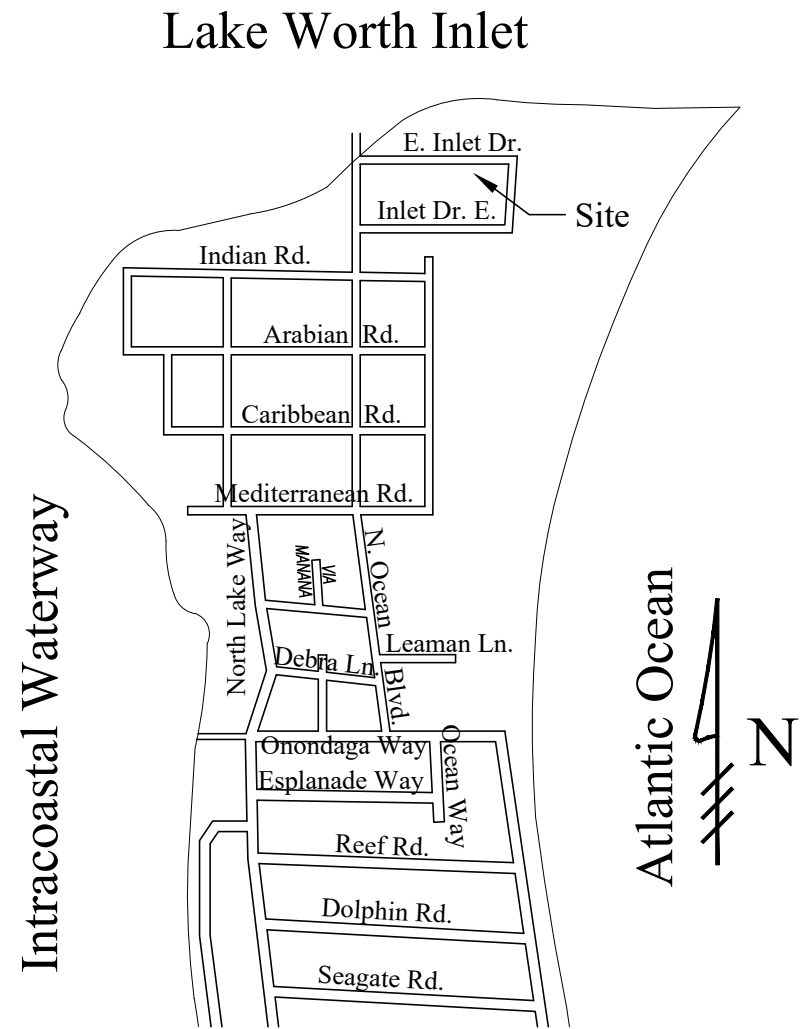
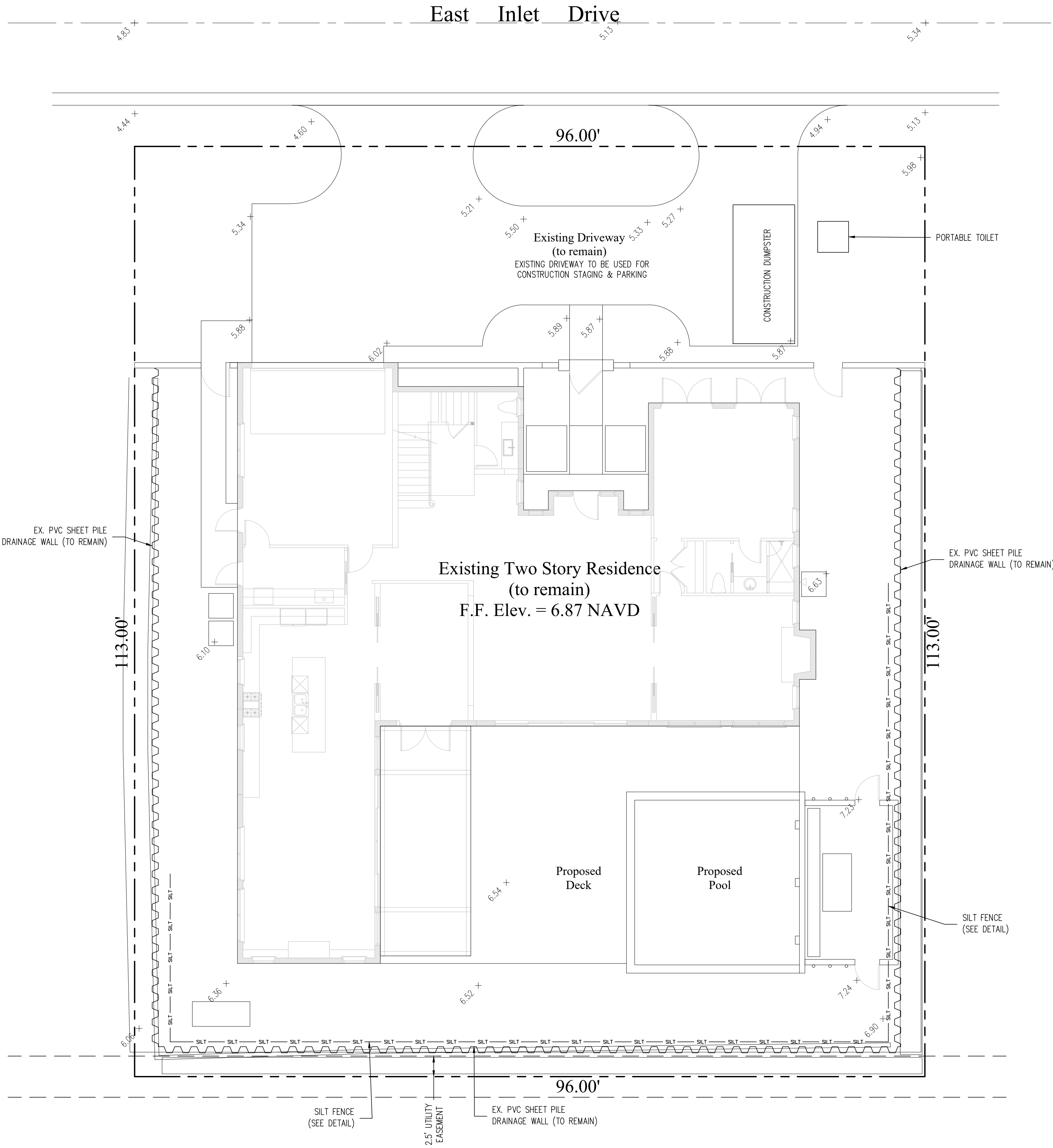
SILT FENCE SECTION
N.T.S.



ATTACHING TWO SILT FENCES
N.T.S.

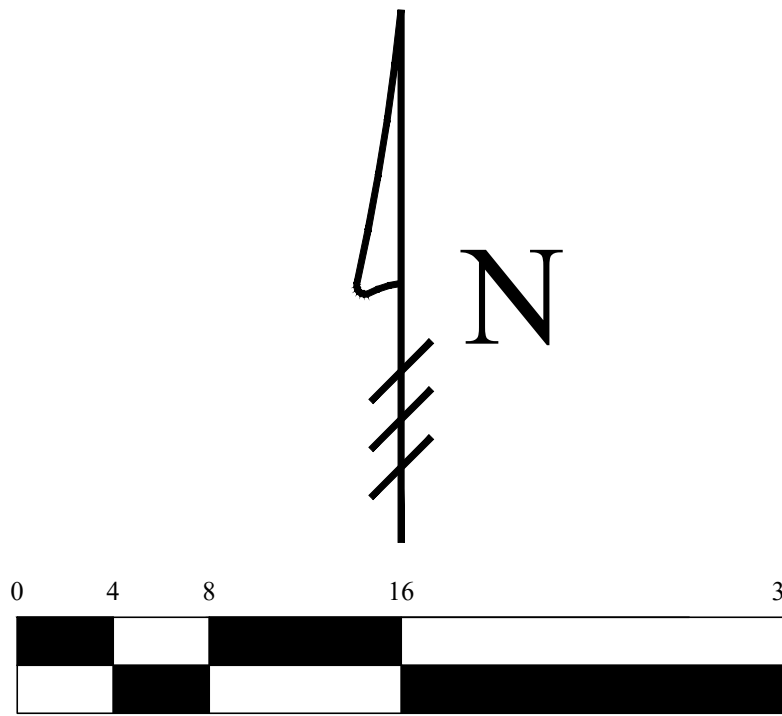
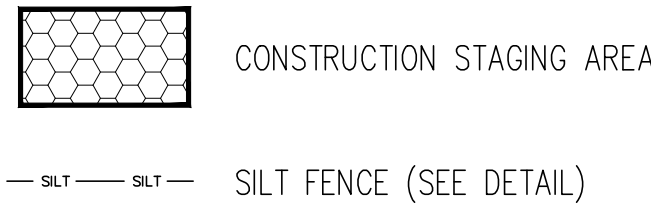
Notes:

- 1) Contractor is responsible for installing and maintaining erosion control measures during construction.



Location Map
N.T.S.

Legend



Scale: 1/8" = 1'-0"

This item has been electronically signed and sealed by Chad M. Gruber on the date adjacent to the seal using a SHA authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

Plan Background from Hardscape Plan
by BGS Landscape Architecture &
Engineering Received 7/8/23

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ZON-23-077

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48 HOURS BEFORE DIGGING
CALL
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.
Contractor is responsible for obtaining
location of existing utilities prior to
commencement of construction activities.



Gruber Consulting
Engineers, Inc.
5474 MERCER AVE., SUITE 305
WEST PALM BEACH, FL 33401
PHONE: 561.312.2841
office@gruberengineers.com

Project Information				
Project No.	2014-0066	Issue Date	07/10/2023	Scale
Issue Date	07/10/2023	Scale	1/8" = 1'-0"	Drawn By
Scale	1/8" = 1'-0"	Drawn By	CG	Checked By
Drawn By	CG	Checked By		

Conceptual Construction Staging & Parking and Erosion Control Plan For:

Proposed Pool Renovation

162 East Inlet Drive
Palm Beach, Florida

Revisions

Revisions	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

Chad M. Gruber

FL P.E. No. 57466

Sheet No.

EC-1



2475 MERCER AVE., SUITE 305
WEST PALM BEACH, FL 33401
PHONE: 561.312.2041
office@grubereengineers.com

Project Information	
Project No.	2014-000
Issue Date	07/10/2014
Scale	1/8" = 1'-0"
Drawn By	KM
Checked By	CG

162 East Inlet Drive
Palm Beach, Florida

Revisions	
1	
2	
3	
4	
5	
6	
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FL P.E. No. 57466

Sheet No.

C-1

The map illustrates the study area's location relative to the Intracoastal Waterway and the Atlantic Ocean. Key roads shown include Indian Rd., Arabian Rd., Caribbean Rd., Mediterranean Rd., North Lake Way, N. Ocean Blvd., Leaman Ln., Onondaga Way, Esplanade Way, Reef Rd., Dolphin Rd., and Seagate Rd. The map also indicates the location of E. Inlet Dr. and Inlet Dr. E. relative to the Site.

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