

PRIVATE RESIDENCE

143 REEF ROAD, PALM BEACH
"FINAL SUBMITTAL"

DROP OFF SUBMITTAL: 02.12.2024
HEARING DATE: 03.27.2024
PROJECT NO: ARC-24-025
PREVIOUSLY APPROVED: ARC-22-043

SHEET INDEX:

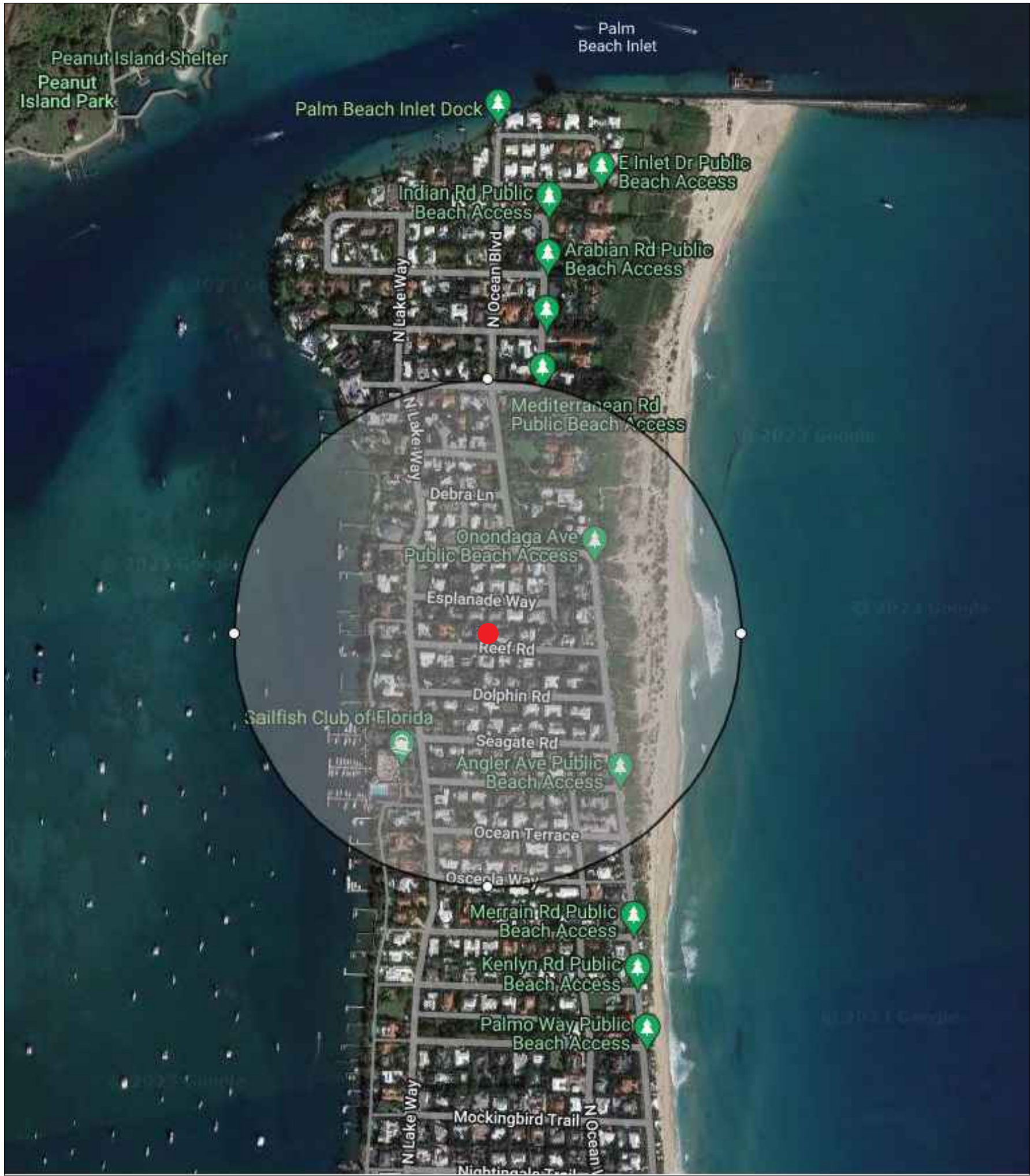
SURVEY
LM-VINICINTY LOCATION MAP
EX1-EXISTING CONDITIONS
EX2-EXISTING CONDITIONS CONT.
EX3-EXISTING CONDITIONS PHOTOS
PREVIOUSLY APPROVED PLANS
CSP-CONSTRUCTION SCREENING
LANDSCAPE ALTERATION DIAGRAM
OS1-OPEN SPACE DIAGRAM (OVERALL)
OS2-OPEN SPACE DIAGRAM (FRONT)
OS3-OPEN SPACE DIAGRAM (PERIMETER)
SITE-OVERALL SITE PLAN (RENDERING)
PERSPECTIVES
EL1- ELEVATIONS
EL2- ELEVATIONS
EL3- ELEVATIONS
EL4- ELEVATIONS
SITE- OVERALL SITE PLAN
L1- HARDSCAPE PLAN
L2-HARDSCAPE PLAN
LP1-LANDSCAPE PLAN-FRONT YARD
LP2-LANDSCAPE PLANS-ENLARGEMENT
LP3-LANDSCAPE PLANS-REAR YARD
D1-SITE AND WALL DETAILS
CIVIL ENGINEER PLANS

PROJECT TEAM:

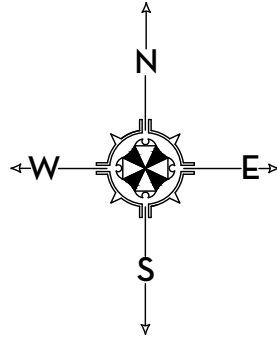
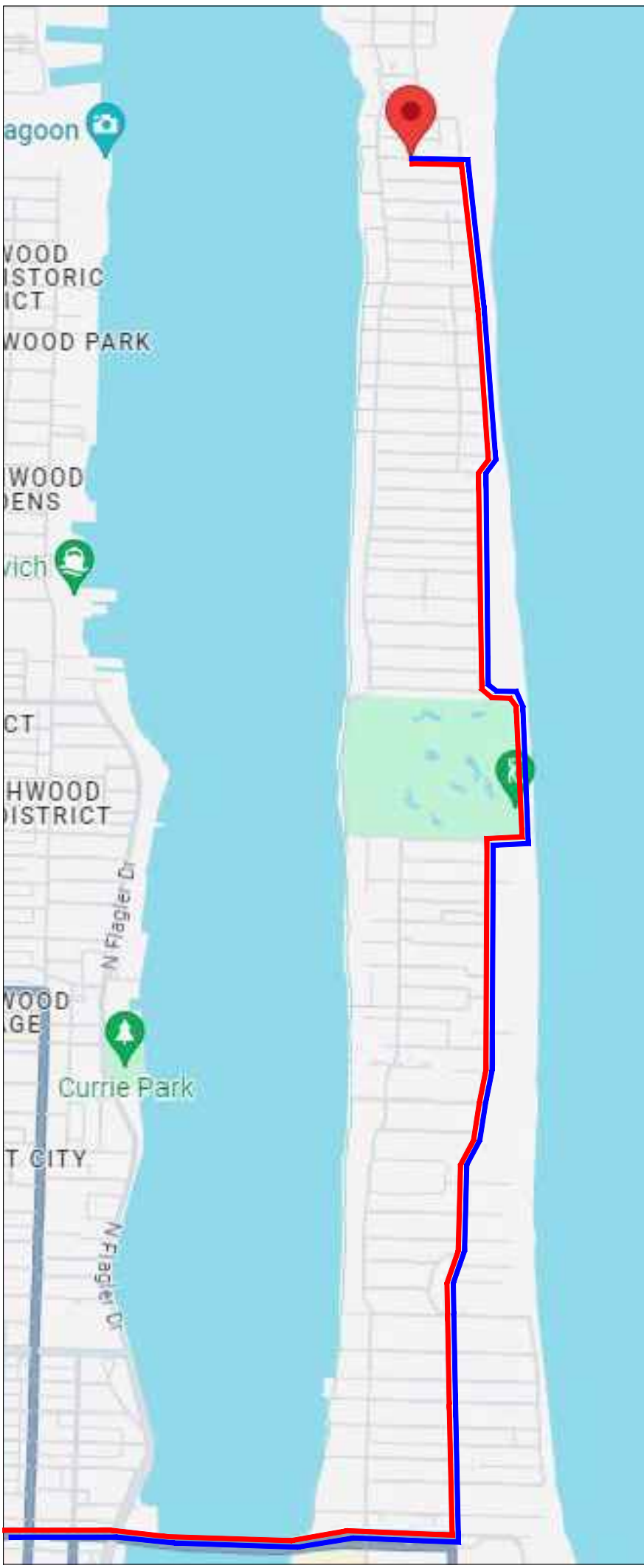
LANDSCAPE ARCHITECT:
NIEVERA WILLIAMS
625 N. FLAGLER DRIVE
SUITE 502
WEST PALM BEACH, FLORIDA
P: 561-659-2820
F: 561-659-2113
nieverawilliams.com

SCOPE OF WORK

- MODIFY PREVIOUSLY APPROVED HARDSCAPE
- MODIFY PREVIOUSLY APPROVED LANDSCAPE
- MODIFY PREVIOUSLY APPROVED SWIMMING POOL
- RECONFIGURE PREVIOUSLY APPROVED OUTDOOR SHOWER
- INSTALL OUTDOOR FIRE PLACE

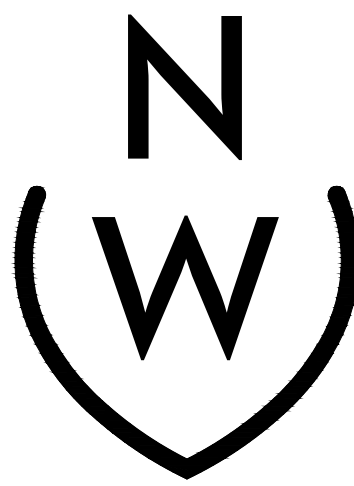


VICINITY MAP: ¼ RADIUS

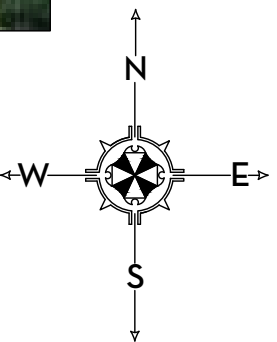
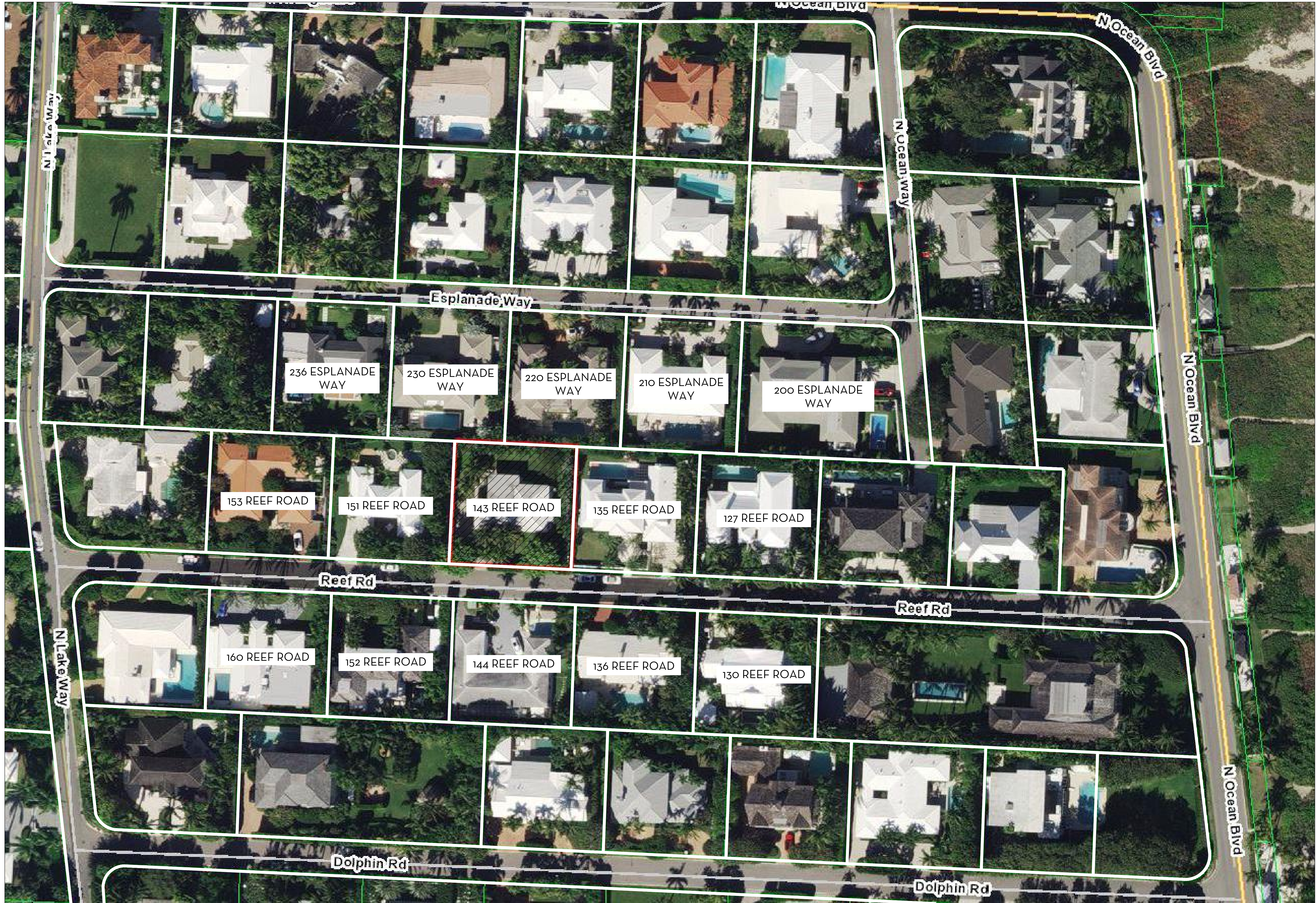


TRUCK LOGISTICS PLAN

- INBOUND
— OUTBOUND



NIEVERA WILLIAMS
DESIGN



MARIO F. NIEVERA

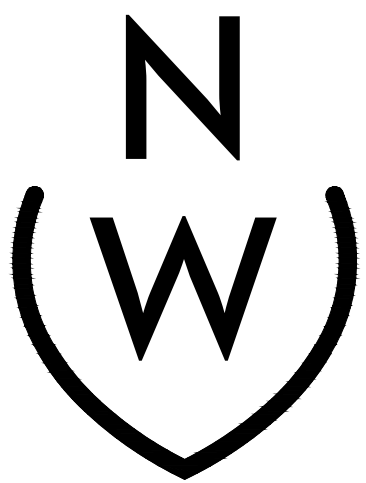
State of Florida
Landscape Architect
Registration No.
6666856

SCALE: NTS

LOCATION MAP
PRIVATE RESIDENCE

143 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023

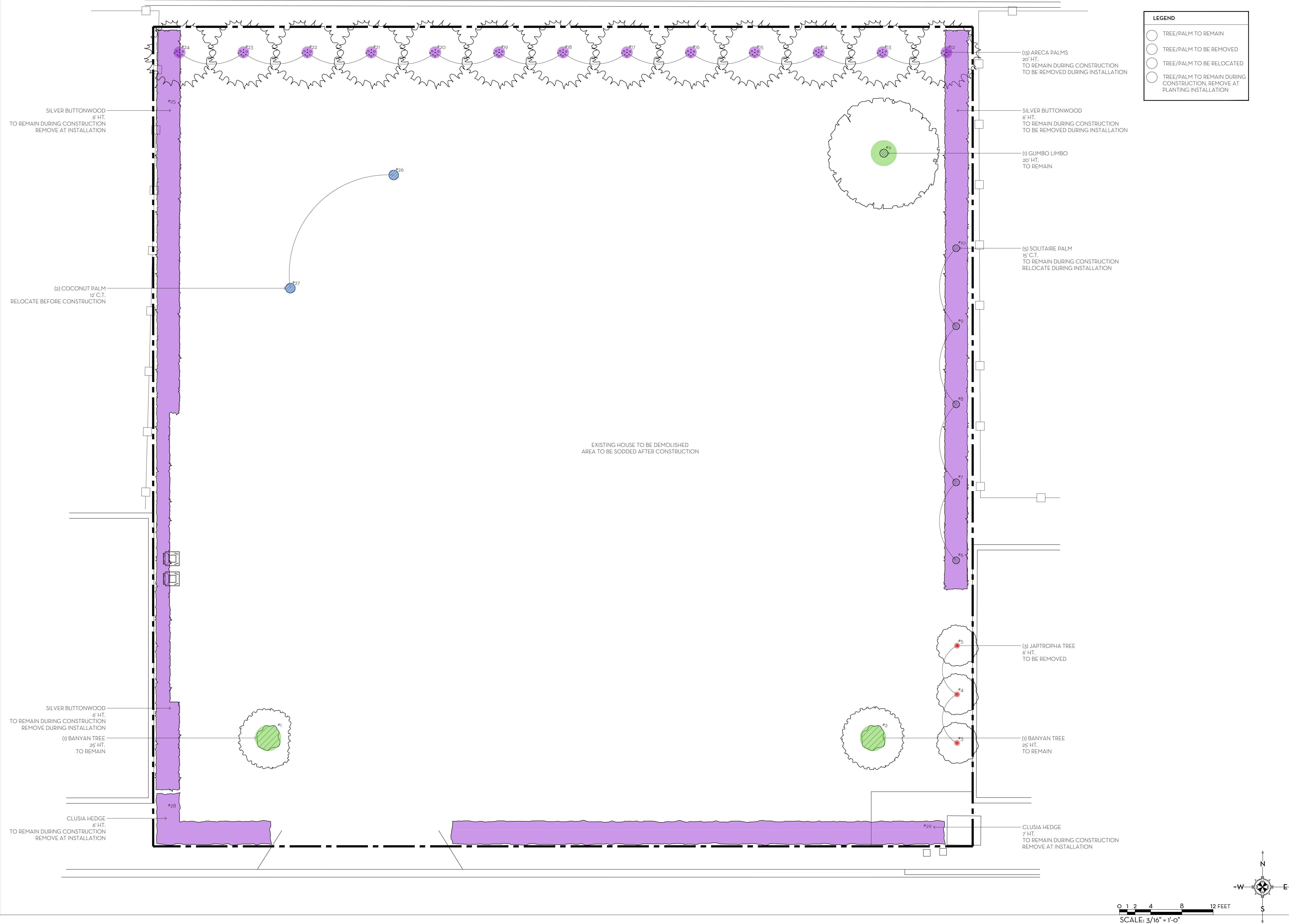


NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM





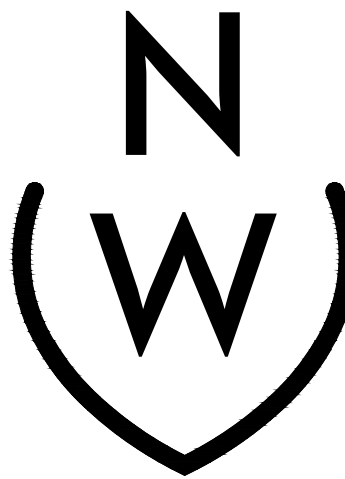
MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

EXISTING CONDITIONS AND DEMOLITION PLAN
PRIVATE RESIDENCE

145 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

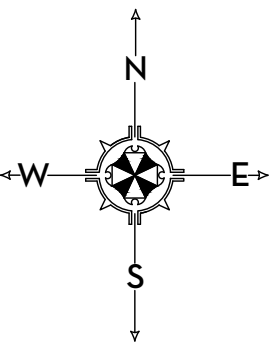
EX1



NIEVERA WILLIAMS
DESIGN

143 Reef Road, Palm Beach, FL 33480

Tree/Palm Disposition Material Schedule					
USDA Hardiness Zone: 10b					
Item No.	Common Name	Botanical Name	Height	Condition	Disposition
1	Banyan Tree	Ficus benghalensis	25' O.A. HT.	Fair	Remain
2	Banyan Tree	Ficus benghalensis	25' HT.	Fair	Remain
3	Jatropha Tree	Jatropha integerrima	6' HT.	Fair	Remove
4	Jatropha Tree	Jatropha integerrima	6' HT.	Fair	Remove
5	Jatropha Tree	Jatropha integerrima	6' HT.	Fair	Remove
6	Solitaire Palm	Pythosperma elegans	15' C.T.	Fair	Remove
7	Solitaire Palm	Pythosperma elegans	15' C.T.	Fair	Remove
8	Solitaire Palm	Pythosperma elegans	15' C.T.	Fair	Remove
9	Solitaire Palm	Pythosperma elegans	15' C.T.	Fair	Remove
10	Solitaire Palm	Pythosperma elegans	15' C.T.	Fair	Remove
11	Gumbo Limbo	Bursera simaruba	20' HT.	Fair	Remain
12	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
13	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
14	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
15	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
16	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
17	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
18	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
19	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
20	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
21	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
22	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
23	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
24	Areca Palm	Dypsis lutescens	20' HT.	Fair	Remove
25	Coconut Palm	Cocos nucifera	12' CT	Fair	Relocate
26	Coconut Palm	Cocos nucifera	12' CT	Fair	Relocate
27	Silver Buttonwood	Conocarpus erectus var. sericeus	6' HT.	Fair	Remove
28	Clusia Hedge	Clusia guttifera	6' HT.	Fair	Remove
29	Clusia Hedge	Clusia guttifera	7' HT.	Fair	Remove



MARIO F. NIEVERA

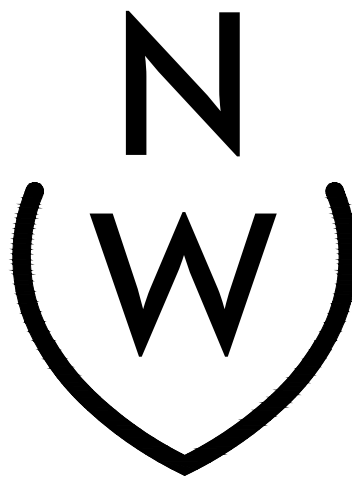
State of Florida
Landscape Architect
Registration No.
6666856

EXISTING CONDITIONS AND DEMOLITION SCHEDULE

PRIVATE RESIDENCE

143 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

EX2

SCALE: 3/16" = 1'-0"



PHOTO 1: FRONT ENTRY AREA



PHOTO 2: STREET VIEW



PHOTO 3: SOUTH EAST CORNER OF LOT



PHOTO 4: LANDSCAPE BUFFER (WEST)



PHOTO 5: LANDSCAPE BUFFER (NORTH)



PHOTO 6: LANDSCAPE BUFFER (EAST)

MARIO F. NIEVERA

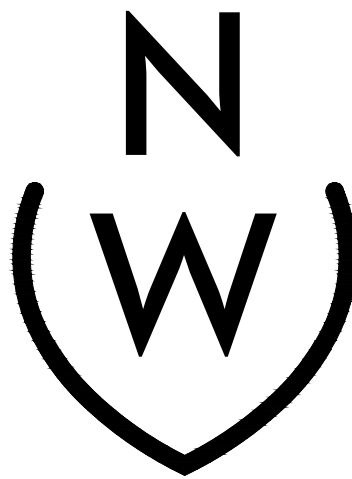
State of Florida
Landscape Architect
Registration No.
6666856

EXISTING PHOTOS
PRIVATE RESIDENCE

145 REEF ROAD, PALM BEACH, FL

SCALE: 3/16" = 1'-0"

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

EX3

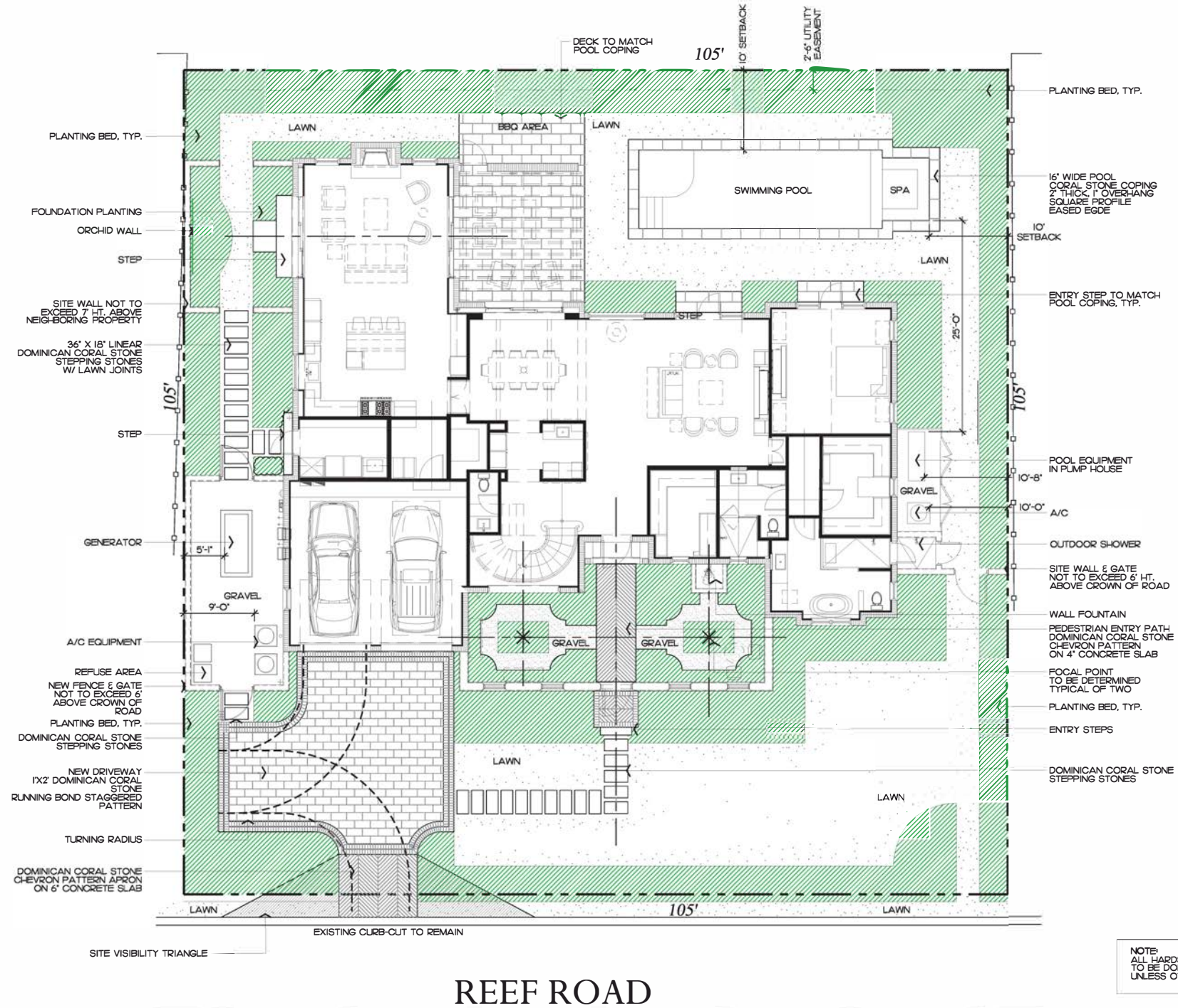
PREVIOUSLY APPROVED

 ENVIRONMENT
DESIGN
GROUP

139 North County Road 592-B Palm Beach, FL 33480
Phone 561.832.4000 Mobile 561.313.4424

Landscape Architecture
Land Planning
Landscape Management

Dustin M. Mizell, MIA RLA #6666784
DustinEnvironmentDesignGroup.com



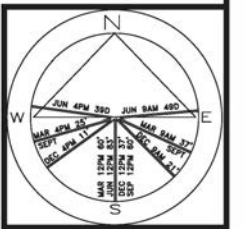
DOMINICAN CORAL STONE



GRAVEL



STEPPING STONES



JOB NUMBER: # 202053.00 LA
DRAWN BY: Grace Walton
DATE: 03.07.2022
03.28.2022

Proposed Site Data

DESCRIPTION	REQUIRED		PROPOSED	
LOT ZONE			R-B - LOW DENSITY RESIDENTIAL	
LOT AREA	10,000 S.F. MINIMUM		11,025 S.F.	
OPEN / PERMEABLE SPACE	MINIMUM 45%	4,961 S.F.	45.16%	4,979 S.F.
FRONT YARD LANDSCAPE	MINIMUM 40% OF FRONT YARD	1,050 S.F.	65.6%	1,721 S.F.
PERIMETER LANDSCAPE WITHIN 10' OF PROPERTY LINE	MINIMUM 50% OF REQ'D OPEN SPACE	2,480 S.F.	62.36%	3,094 S.F.

COPYRIGHT: The following drawings or instruments are the property of the Landscape Architect. They are not to be produced, copied, reproduced, revised, designs, arrangements and plans indicated on the drawings, or any part thereof, without the written consent of the Landscape Architect, who owns by and the property of the designer, and are created, used, copied, reproduced, revised, designs, arrangements and plans indicated on the drawings, or any part thereof, for use on any project in connection with the project. None of such ideas, designs, drawings, or any part thereof, shall be used, copied, reproduced, revised, designs, arrangements and plans indicated on the drawings, or any part thereof, or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

DISCLAIMER: Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architecture services during construction, including on-site construction administration, construction cost estimation, construction scheduling, construction quality control, etc., the client agrees to assume the responsibility for the construction of the project. ENVIRONMENT DESIGN GROUP does not warrant the accuracy or completeness of the information, drawings or omissions in the performance of said services, and shall not be liable to the client, and his/her agents, employees, or subcontractors.

48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

ARCOM# ARC-22-043
ZONING# ZON-22-073

Site Plan

SCALE IN FEET 0' 8' 16' 24'

SHEET L1.2

4 sf.

AREA IN SQ. FT.

PREVIOUSLY APPROVED

EXISTING MIXED VEGETATION
DYPHIS LUTESCENS - ARECA PALM - 12-18' HT.
HELICONIA SPP - HELICONIA - 4' HT.
STRELITZIA REGINAE - ORANGE BIRD OF PARADISE - 5' HT.
ALPINIA SPP. - TROPICAL GINGER - 4' HT.
TO REMAIN
(16Q) CLUSIA ROSEA 'NANA'
DWARF CLUSIA NANA - 1 GAL., 8" O.C.
(1O) CHRYSOBALANUS ICACO
'GREEN TIP' COCOPLUM HEDGE - 4' HT., 24" O.C.
RELOCATED COCONUT PALM, TYP.

(2B) PHYLLODENDRON
FROG FRUIT - 1 GAL., 8" O.C.
EXISTING SILVER BUTTWOOD HEDGE
TO REMAIN - FILL IN AREAS AS NEEDED
(1B) CHRYSOBALANUS ICACO
'GREEN TIP' COCOPLUM HEDGE - 4' HT., 24" O.C.
(7O) PHYLLODENDRON
FROG FRUIT - 1 GAL., 8" O.C.
(16) STACHYTARPHETA JAMAICENSIS
PINK PORTERWEED PLANT - 18" HT.
(1) LIGNUMVITAE SANCTUM
LIGNUM VITAE TREE - 12' HT.
(2) ZAMIA PUMILA
COONTIE - 15 GAL.
(6) HAMELIA PATENS
FIREBUSH - 7 GAL., 24" O.C.

(1) SOPHORA TOMENTOSA
NECKLACE POD TREE - 10' HT.
EXISTING SILVER BUTTWOOD HEDGE
TO REMAIN - FILL IN AREAS AS NEEDED
(1O) STACHYTARPHETA JAMAICENSIS
BLUE PORTERWEED PLANT - 18" HT.
(4) THINAX RADIATA
FLORIDA THATCH PALM - 8' CT.

(4O) NEPHROLEPIS EXALTATA
SWORD FERN - 3 GAL., 18" O.C.

(6) ADONIDIA MERILLII
ADONIDIA PALM - 8' CT, MATCHING

EXISTING SILVER BUTTWOOD HEDGE
TO REMAIN - FILL IN AREAS AS NEEDED

(1) LONICERA SEMPERVIRENS
CORAL HONEYSUCKLE VINE - 15 GAL.

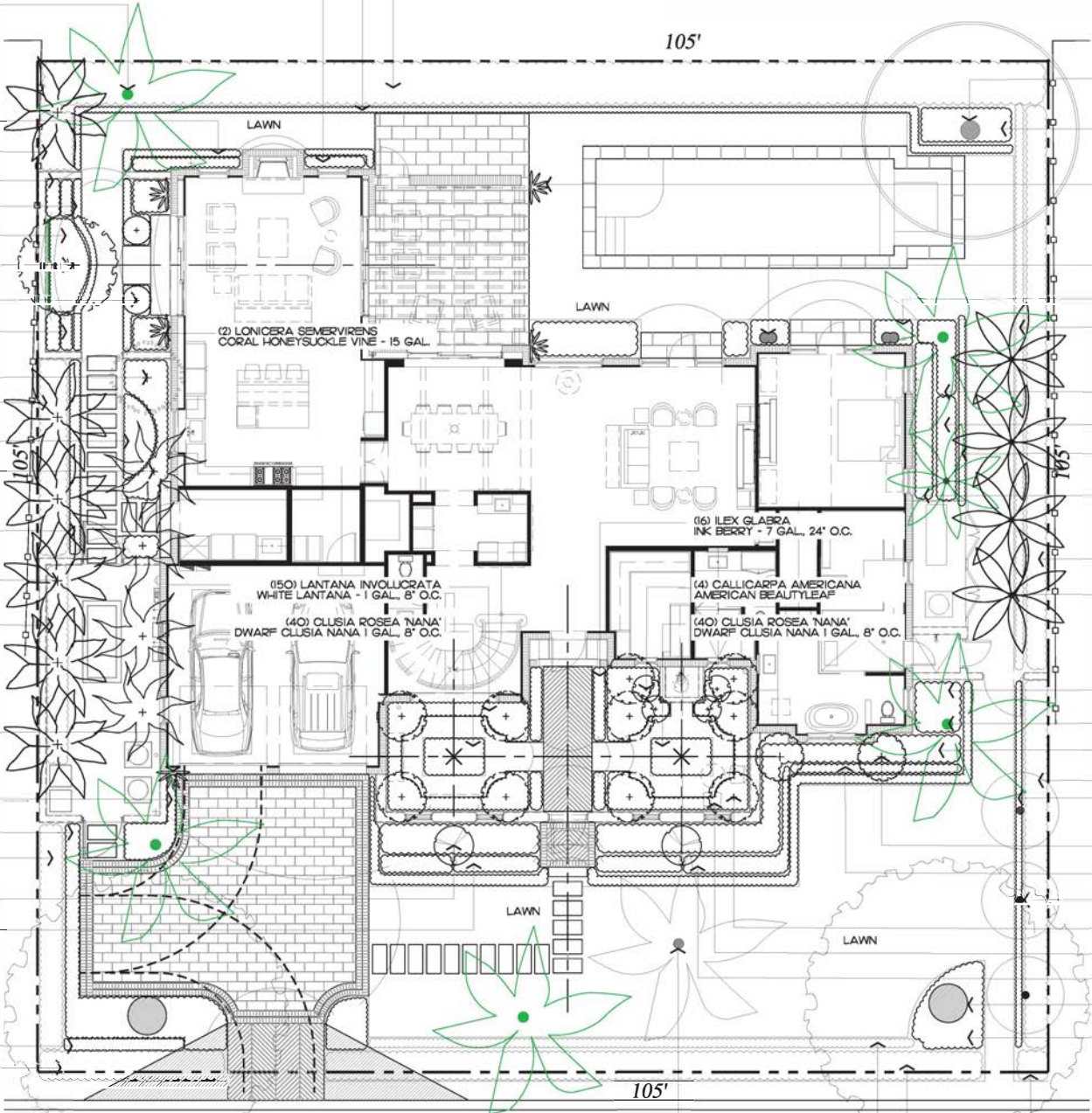
(13) ZAMIA PUMILA
COONTIE - 7 GAL., 24" O.C.

(2O) CLUSIA ROSEA 'NANA'
DWARF CLUSIA NANA - 1 GAL., 8" O.C.
EXISTING SILVER BUTTWOOD HEDGE
TO REMAIN - FILL IN AREAS AS NEEDED

(2) CLUSIA ROSEA 'NANA'
CLUSIA ROSEA SPHERE - 3'X3'

(14) STACHYTARPHETA JAMAICENSIS
BLUE PORTERWEED PLANT - 18" HT.

(1O) NEPHROLEPIS EXALTATA
GIANT SWORD FERN - 3 GAL., 18" O.C.
EXISTING CLUSIA HEDGE TO BE FILLED IN AS
NEEDED - SHALL BE TRIMMED TO A HEIGHT
OF 30" MAX. IN SIGHT TRIANGLE



REEF ROAD

EXISTING GUMBO
LIMBO TREE TO REMAIN

(14) NEPHROLEPIS EXALTATA
GIANT SWORD FERN - 3 GAL., 18" O.C.

(2) LONICERA SEMPERVIRENS
CORAL HONEYSUCKLE VINE - 15 GAL.

(2) PENTALINION LUTEA
NATIVE ALLAMANDA VINE - 15 GAL.

(2O) SALVIA AZUREA
BLUE SALVIA - 3 GAL., 12" O.C.

EXISTING GIANT SWORD FERN
TO REMAIN

(2O) GALPHIMIA GRACILIS
THYALLIS - 7 GAL., 24" O.C.

(8) STACHYTARPHETA JAMAICENSIS
BLUE PORTERWEED PLANT - 18" HT.

(14) NEPHROLEPIS EXALTATA
GIANT SWORD FERN - 3 GAL., 18" O.C.

(9) CHRYSOBALANUS ICACO
'GREEN TIP' COCOPLUM - 4' HT., 24" O.C.

EXISTING SILVER BUTTWOOD HEDGE
TO REMAIN - FILL IN AREAS AS NEEDED

EXISTING ALEXANDER PALMS
TO REMAIN, TYP.
(1) RELOCATED AS SHOWN

(8) TRIPSACULUM FLORIDANUM
DWARF FAKAHATCHEE GRASS - 7 GAL., 24" O.C.

RELOCATED COCONUT PALM, TYP.

(27) CONOCARPUS ERECTUS
SILVER BUTTWOOD HEDGE - 36" HT., 24" O.C.

EXISTING VEGETATION TO REMAIN

(22) NEPHROLEPIS EXALTATA
GIANT SWORD FERN - 3 GAL., 18" O.C.

(2) COCCOLOBA DIVERSIFOLIA
PIGEON PLUM STANDARD - 6" CT.

(9) STACHYTARPHETA JAMAICENSIS
BLUE PORTERWEED PLANT - 18" HT.

EXISTING JATROPHA TREE
TO REMAIN, TYP.

(1O) MAGNOLIA GRANDIFLORA
SOUTHERN MAGNOLIA TREE - 12' OA., MATCHING

(2O) LANTANA INVOLUCRATA
WHITE LANTANA - 1 GAL., 8" O.C.

(1O) ZAMIA PUMILA
COONTIE - 7 GAL., 24" O.C.

EXISTING BANYAN TREE
TO REMAIN, TYP.

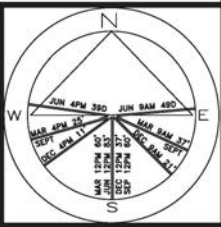
(22) NEPHROLEPIS EXALTATA
GIANT SWORD FERN - 3 GAL., 18" O.C.

EXISTING CLUSIA HEDGE TO BE FILLED IN AS
NEEDED - SHALL BE TRIMMED TO A HEIGHT
OF 30" MAX. IN SIGHT TRIANGLE

EXISTING SWORD FERN
TO REMAIN

EXISTING COCONUT
PALM TO REMAIN, TYP.

Private Residence
143 Reef Road
Palm Beach



JOB NUMBER: # 202053.00 LA
DRAWN BY: Grace Walton
DATE: 03.07.2022
03.28.2022

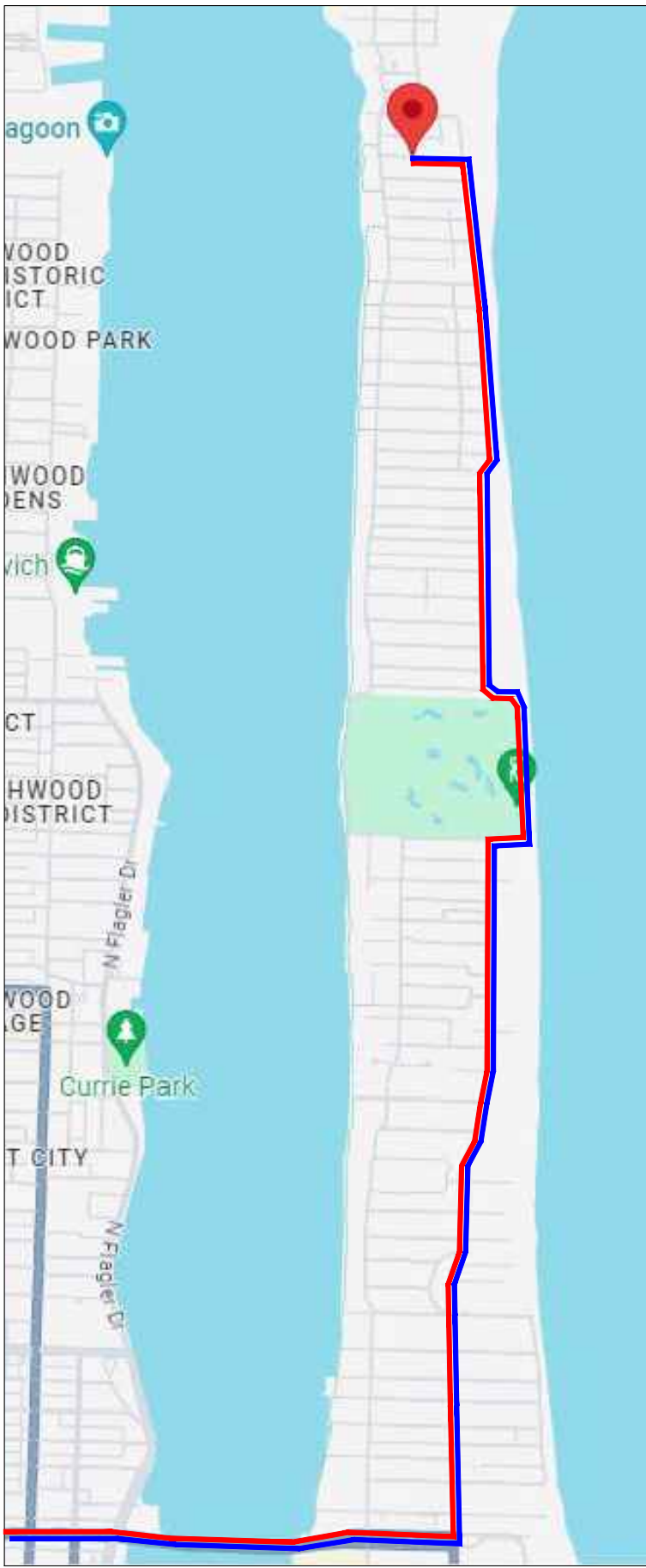
TRUCK LOGISTICS:

MAXIMUM SIZE TRUCK TO BE USED: 30' (TRUCK & TRAILER COMBINED)
SEPARATE ROW PERMITS WILL BE SUBMITTED

BEST ROUTE TO PROPERTY: USING FLAGLER MEMORIAL BRIDGE
(NORTH BRIDGE) TRAVEL EAST ALONG ROYAL POINCIANA WAY,
TURN NORTH ONTO NORTH COUNTY ROAD, TRAVEL NORTH ONTO
NORTH COUNTY ROAD. CONTINUE NORTH TO NORTH OCEAN WAY. TURN
WEST ONTO REEF ROAD.

MAXIMUM NUMBER OF TRUCK TRIPS TO THE PROPERTY (ESTIMATED):

15 TRIPS



TRUCK LOGISTICS PLAN

— INBOUND
— OUTBOUND

(2) COCONUT PALM
12' C.T.
TO BE RELOCATED DURING
LANDSCAPE INSTALLATION

8' HT. CHAIN LINK FENCE
GREEN MESH-90% SCREENING

SILVER BUTTONWOOD HEDGE
6' HT.
TO REMAIN DURING CONSTRUCTION,
REMOVE AT PLANTING INSTALLATION

(1) BANYAN TREE
25' HT.
TO REMAIN

CLUSIA HEDGE
6' HT.
TO REMAIN DURING CONSTRUCTION,
REMOVE AT PLANTING INSTALLATION

8' HT. CHAIN LINK FENCE
GREEN MESH-90% SCREENING

20' CONSTRUCTION SCREENING SLIDING GATE
GREEN MESH-90% SCREENING
8' HT.

8' HT. CHAIN LINK FENCE
GREEN MESH-90% SCREENING

(13) ARECA PALM
20' HT.
TO REMAIN DURING CONSTRUCTION,
REMOVE AT LANDSCAPE INSTALLATION

(1) GUMBO LIMBO TREE
20' HT.
TO REMAIN

8' HT. CHAIN LINK FENCE
GREEN MESH-90% SCREENING

SILVER BUTTONWOOD HEDGE
6' HT.
TO REMAIN DURING CONSTRUCTION,
REMOVE AT LANDSCAPE INSTALLATION

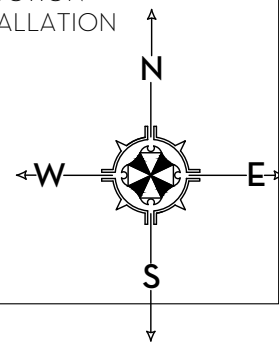
(3) SOLITAIRE PALM
15' C.T.
TO REMAIN DURING CONSTRUCTION,
REMOVE AT LANDSCAPE INSTALLATION

(3) JATROPHA TREE
6' HT.
TO REMAIN DURING CONSTRUCTION,
REMOVE AT LANDSCAPE INSTALLATION

(1) BANYAN TREE
25' HT.
TO REMAIN

8' HT. CHAIN LINK FENCE
GREEN MESH-90% SCREENING

CLUSIA HEDGE
7' HT.
TO REMAIN DURING CONSTRUCTION,
REMOVE AT LANDSCAPE INSTALLATION



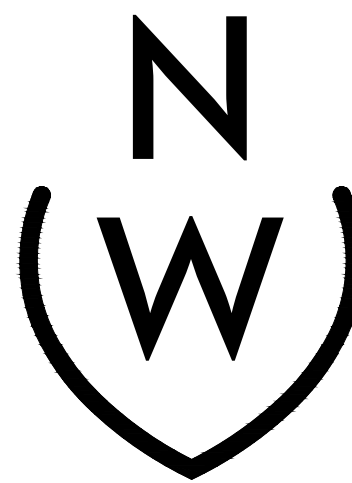
MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

CONSTRUCTION SCREENING PLAN
PRIVATE RESIDENCE

143 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



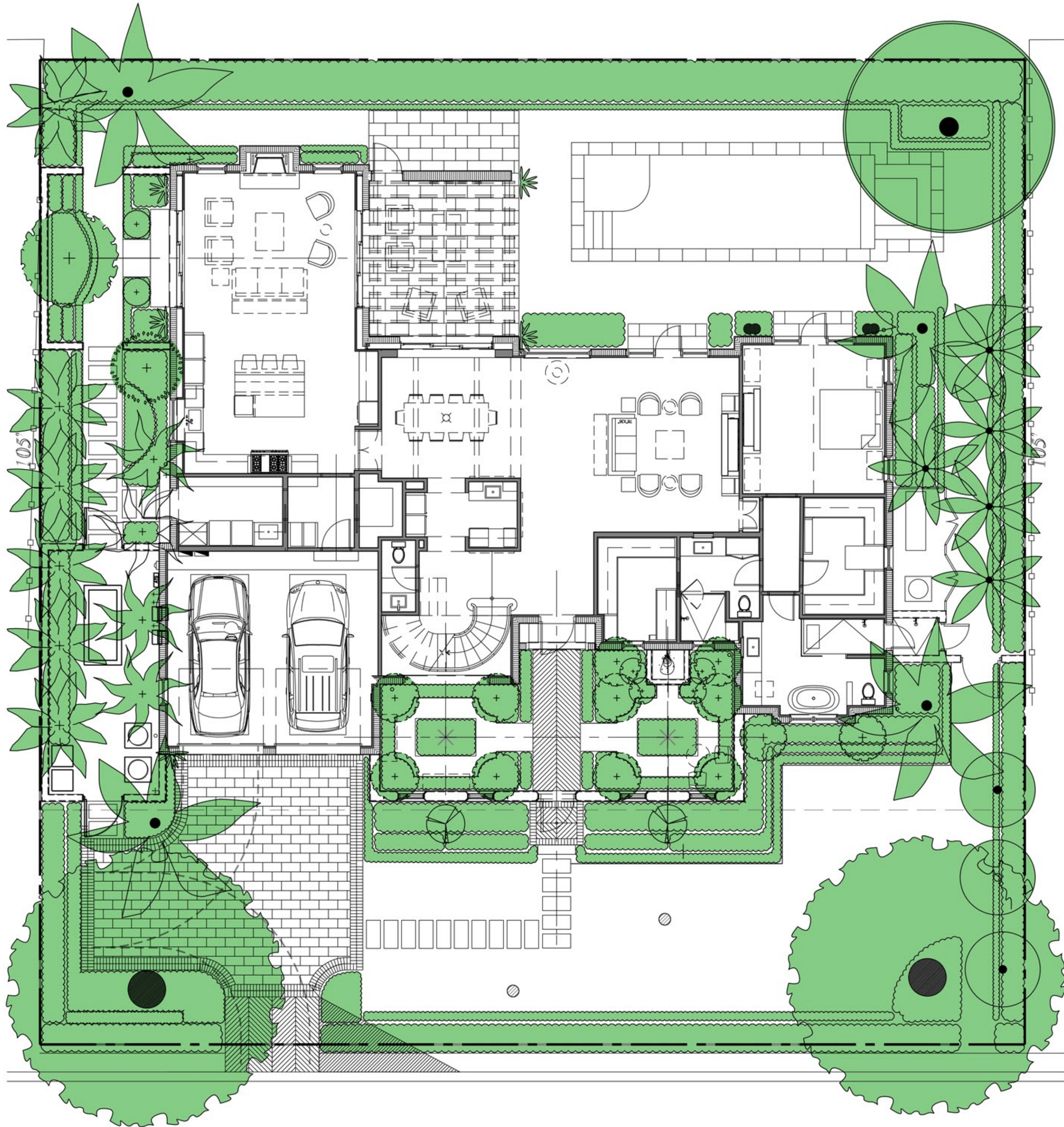
NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

CSP

SCALE: 3/16" = 1'-0"



1 LANDSCAPE ALTERATION DIAGRAM-PREVIOUSLY APPROVED PLAN
LAD SCALE: 1/8"=1'-0"



2 LANDSCAPE ALTERATION DIAGRAM-PROPOSED
LAD SCALE: 1/8"=1'-0"

OVERALL R-B SITE CALCULATIONS:

SITE AREA = 11,025 SQ FT 100%

MINIMUM LANDSCAPE:

REQUIRED = 4,961 SQ FT 45%
PREVIOUSLY
APPROVED = 4,979 SQ FT 45.16%
PROPOSED = 5,298 SQ FT 48%

FRONT SETBACK SITE CALCULATIONS:

25' SETBACK AREA = 2,625 SQ FT 100%

MINIMUM LANDSCAPE:

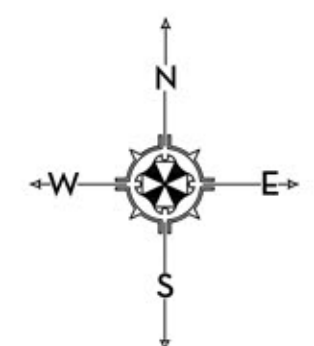
REQUIRED = 1,050 SQ FT 40%
PREVIOUSLY
APPROVED = 1,300 SQ FT 52%
PROPOSED = 1,100 SQ FT 44%

10' PERIMETER SITE CALCULATIONS:

PERIMETER AREA = 5,340 SQ FT

MINIMUM LANDSCAPE:

(50% OF 8,415 SF) = 4,207.5 REQUIRED
EXISTING = 3,094 SQ FT
PROPOSED = 4,300 SQ FT



MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

LANDSCAPE ALTERATION DIAGRAM

RESIDENCE

143 REEF ROAD, PALM BEACH, FL

29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

LAD

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

MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

OPEN SPACE DIAGRAM-OVERALL
RESIDENCE
143 REEF ROAD, PALM BEACH, FL

29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



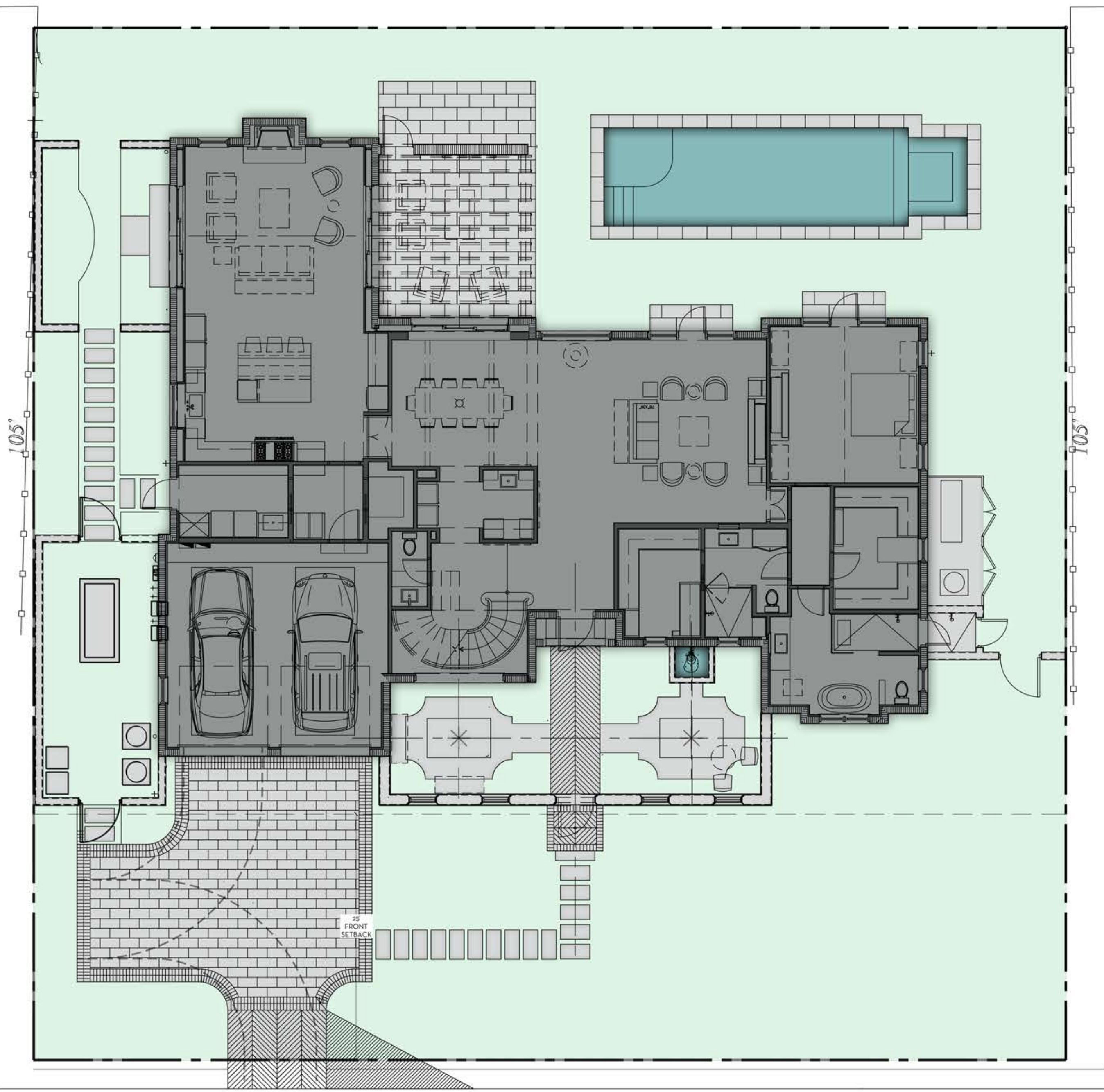
NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

OS1

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



1 LANDSCAPE ALTERATION DIAGRAM-PREVIOUSLY APPROVED PLAN
LAD SCALE: 1/8"=1'-0"

LEGEND

OPEN SPACE

HARDSCAPE

BUILDING/STRUCTURE

OVERALL R-B SITE CALCULATIONS:

SITE AREA = 11,025 SQ FT 100%

MINIMUM LANDSCAPE:

REQUIRED = 4,961 SQ FT 45%

PREVIOUSLY APPROVED = 4,979 SQ FT 45.16%

PROPOSED = 5,298 SQ FT 48%

FRONT SETBACK SITE CALCULATIONS:

25' SETBACK AREA = 2,625 SQ FT 100%

MINIMUM LANDSCAPE:

REQUIRED = 1,050 SQ FT 40%

PREVIOUSLY APPROVED = 1,300 SQ FT 52%

PROPOSED = 1,100 SQ FT 44%

10' PERIMETER SITE CALCULATIONS:

PERIMETER AREA = 5,340 SQ FT

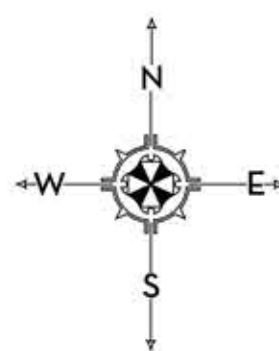
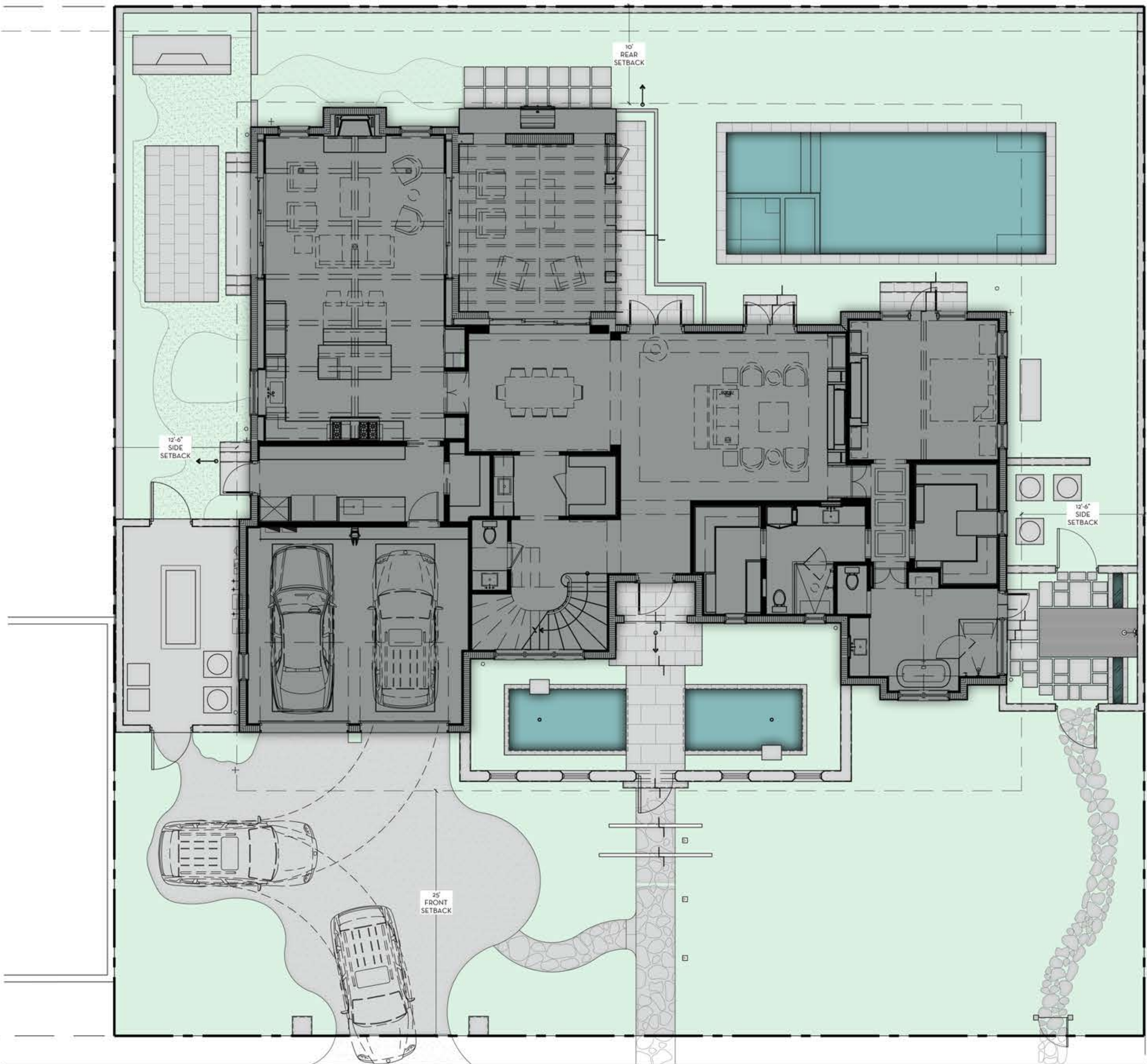
MINIMUM LANDSCAPE:

(50% OF 8,415 SF) = 4,207.5 REQUIRED

EXISTING = 3,094 SQ FT

PROPOSED = 4,300 SQ FT

2 LANDSCAPE ALTERATION DIAGRAM-PROPOSED
LAD SCALE: 1/8"=1'-0"



MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

OPEN SPACE DIAGRAM-FRONT SETBACK

RESIDENCE

143 REEF ROAD, PALM BEACH, FL

29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



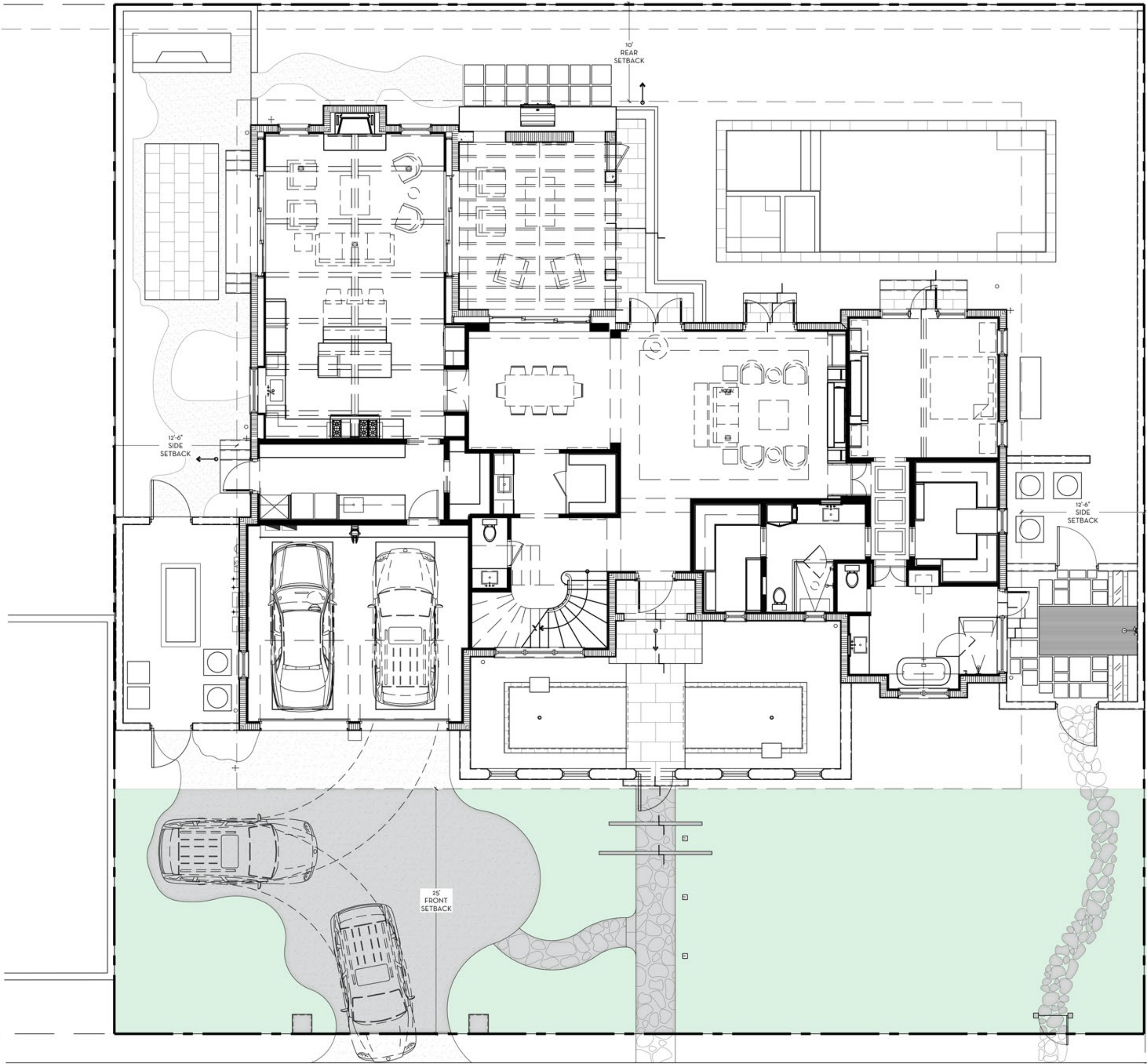
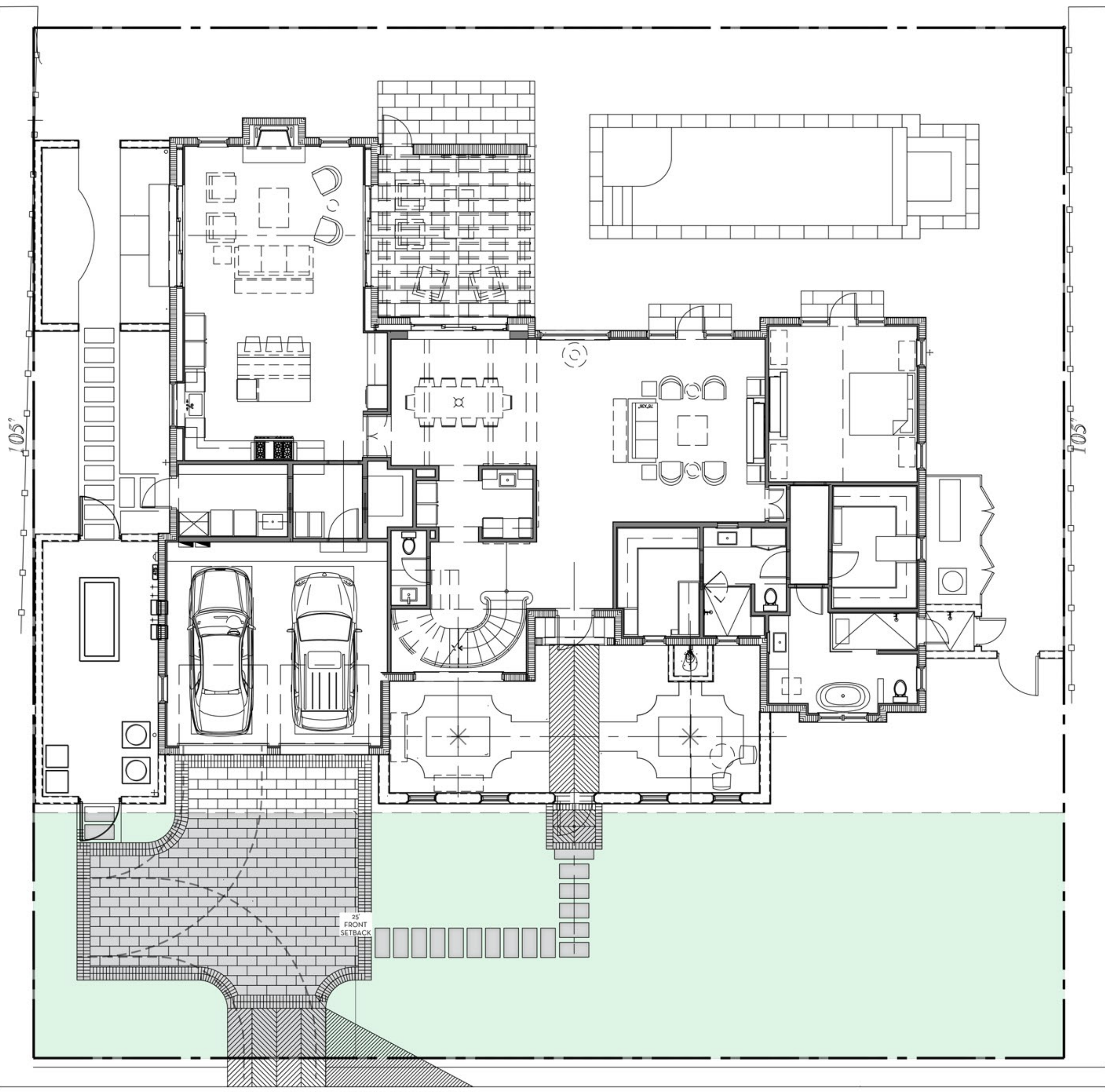
NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

OS2

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



1 OPENSACE DIAGRAM-PREVIOUSLY APPROVED PLAN
OS2 SCALE: 1/8"=1'-0"

2 OPENSACE DIAGRAM- PROPOSED
OS2 SCALE: 1/8"=1'-0"

LEGEND

OPEN SPACE
HARDSCAPE
BUILDING/STRUCTURE

OVERALL R-B SITE CALCULATIONS:

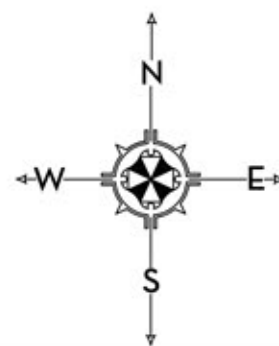
SITE AREA =	11,025	SQ FT	100%
MINIMUM LANDSCAPE:			
REQUIRED =	4,961	SQ FT	45%
PREVIOUSLY			
APPROVED =	4,979	SQ FT	45.16%
PROPOSED =	5,298	SQ FT	48%

FRONT SETBACK SITE CALCULATIONS:

25' SETBACK AREA =	2,625	SQ FT	100%
MINIMUM LANDSCAPE:			
REQUIRED =	1,050	SQ FT	40%
PREVIOUSLY			
APPROVED =	1,300	SQ FT	52%
PROPOSED =	1,100	SQ FT	44%

10' PERIMETER SITE CALCULATIONS:

PERIMETER AREA =	5,340	SQ FT
MINIMUM LANDSCAPE:		
(50% OF 8,415 SF) = 4,207.5 REQUIRED		
EXISTING =	3,094	SQ FT
PROPOSED =	4,300	SQ FT



MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

OPEN SPACE DIAGRAM-10' FT PERIMETER

RESIDENCE

143 REEF ROAD, PALM BEACH, FL

29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



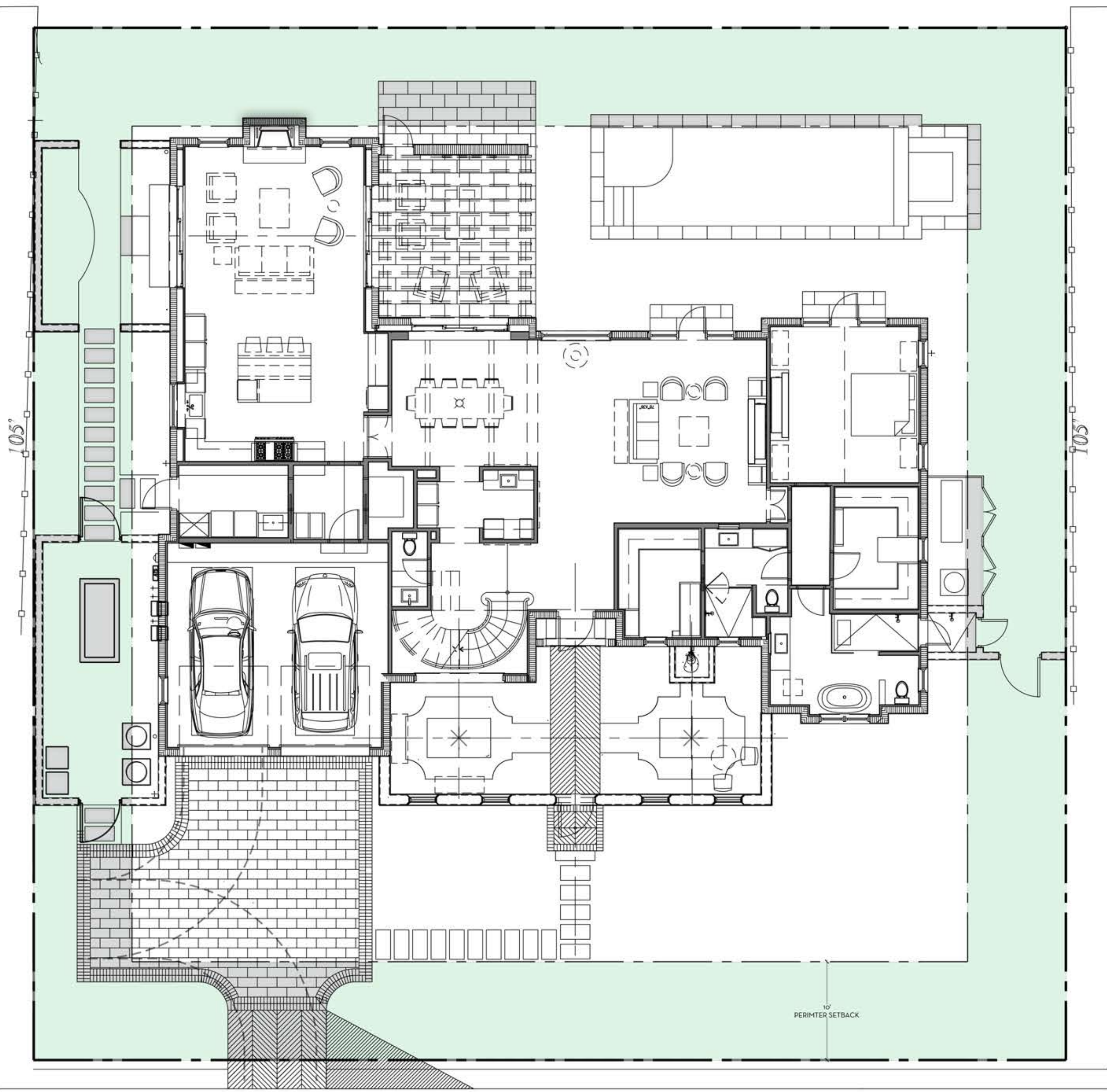
NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

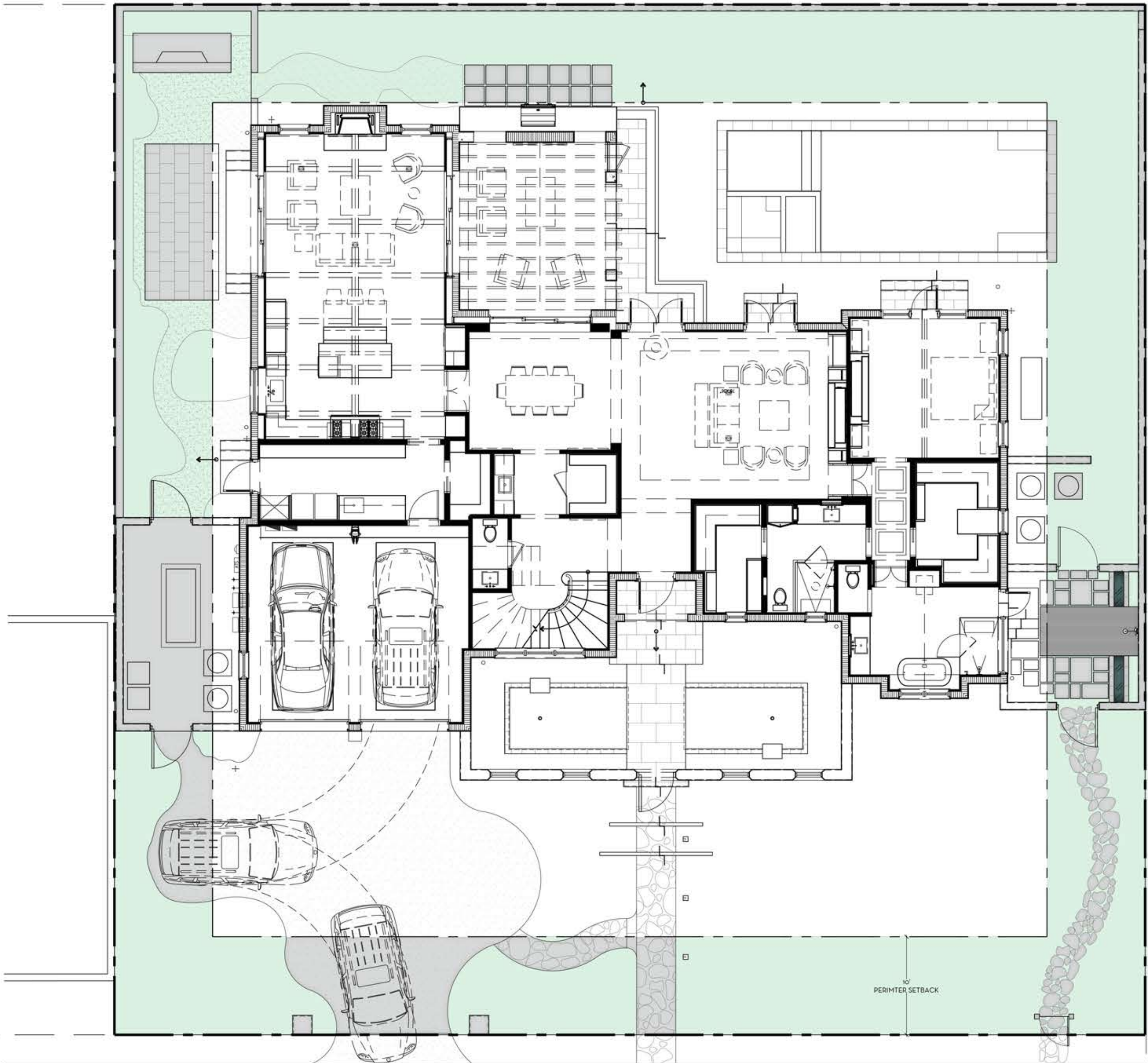
NIEVERAWILLIAMS.COM

OS3

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



1 OPENSACE DIAGRAM-PREVIOUSLY APPROVED PLAN
OS3 SCALE: 1/8"=1'-0"



2 OPENSACE DIAGRAM- PROPOSED
OS3 SCALE: 1/8"=1'-0"

LEGEND

OPEN SPACE
HARDSCAPE
BUILDING/STRUCTURE

OVERALL R-B SITE CALCULATIONS:

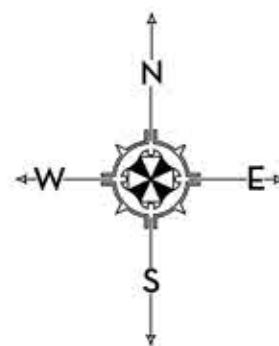
SITE AREA =	11,025	SQ FT	100%
MINIMUM LANDSCAPE:			
REQUIRED =	4,961	SQ FT	45%
PREVIOUSLY			
APPROVED =	4,979	SQ FT	45.16%
PROPOSED =	5,298	SQ FT	48%

FRONT SETBACK SITE CALCULATIONS:

25' SETBACK AREA =	2,625	SQ FT	100%
MINIMUM LANDSCAPE:			
REQUIRED =	1,050	SQ FT	40%
PREVIOUSLY			
APPROVED =	1,300	SQ FT	52%
PROPOSED =	1,100	SQ FT	44%

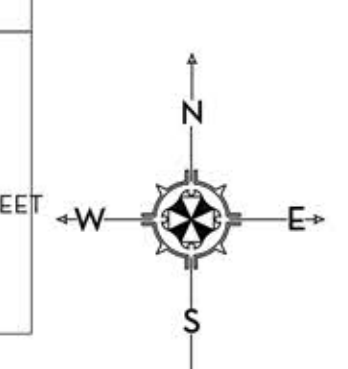
10' PERIMETER SITE CALCULATIONS:

PERIMETER AREA =	5,340	SQ FT
MINIMUM LANDSCAPE:		
(50% OF 8,415 SF) = 4,207.5 REQUIRED		
EXISTING =	3,094	SQ FT
PROPOSED =	4,300	SQ FT





0 1 2 4 8 12 FEET
SCALE: 3/16" = 1'-0"



MARIO F. NIEVERA
State of Florida
Landscape Architect
Registration No.
6666856

SITE PLAN RENDERING
RESIDENCE
143 REEF ROAD, PALM BEACH, FL

29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

SITE

SCALE: 3/16" = 1'-0"











1 SOUTH ELEVATION-EXTERIOR
EL1 SCALE: 1/4"=1'-0"

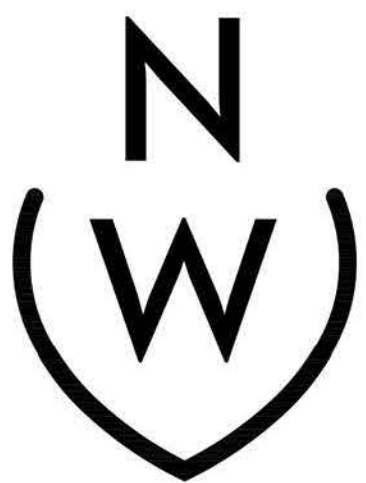
MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

SCALE: 1/4" = 1'-0"

SOUTH ELEVATION
RESIDENCE
143 REEF ROAD, PALM BEACH, FL

04 DEC 2023
06 NOV 2023
06 SEPT 2023
11 AUGUST 2023
29 AUGUST 2022
10 FEBRUARY 2022



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

EL1



1 EAST ELEVATION
EL2 SCALE: 1/4" = 1'-0"

MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

SCALE: 1/4" = 1'-0"

EAST ELEVATION
RESIDENCE
143 REEF ROAD, PALM BEACH, FL

04 DEC 2023
06 NOV 2023
05 SEPT 2023
11 AUGUST 2023
29 AUGUST 2022
10 FEBRUARY 2022



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

EL2



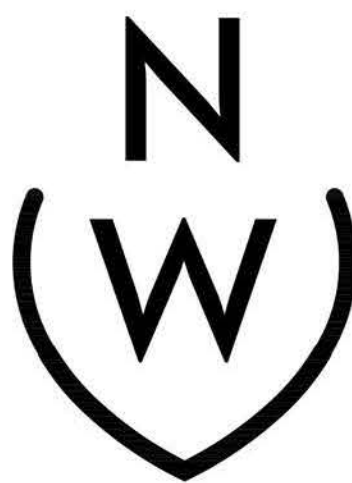
1 NORTH ELEVATION
EL3 SCALE: 1/4" = 1'-0"

MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

NORTH ELEVATION
RESIDENCE
143 REEF ROAD, PALM BEACH, FL

04 DEC 2023
06 NOV 2023
06 SEPT 2023
11 AUGUST 2023
29 AUGUST 2022
10 FEBRUARY 2022



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

EL3

SCALE: 1/4" = 1'-0"

1 WEST ELEVATION
EL4 SCALE: 1/4"=1'-0"



MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

SCALE: 1/4" = 1'-0"

WEST ELEVATION
RESIDENCE
143 REEF ROAD, PALM BEACH, FL

04 DEC 2023
06 NOV 2023
05 SEPT 2023
11 AUGUST 2023
29 AUGUST 2022
10 FEBRUARY 2022



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

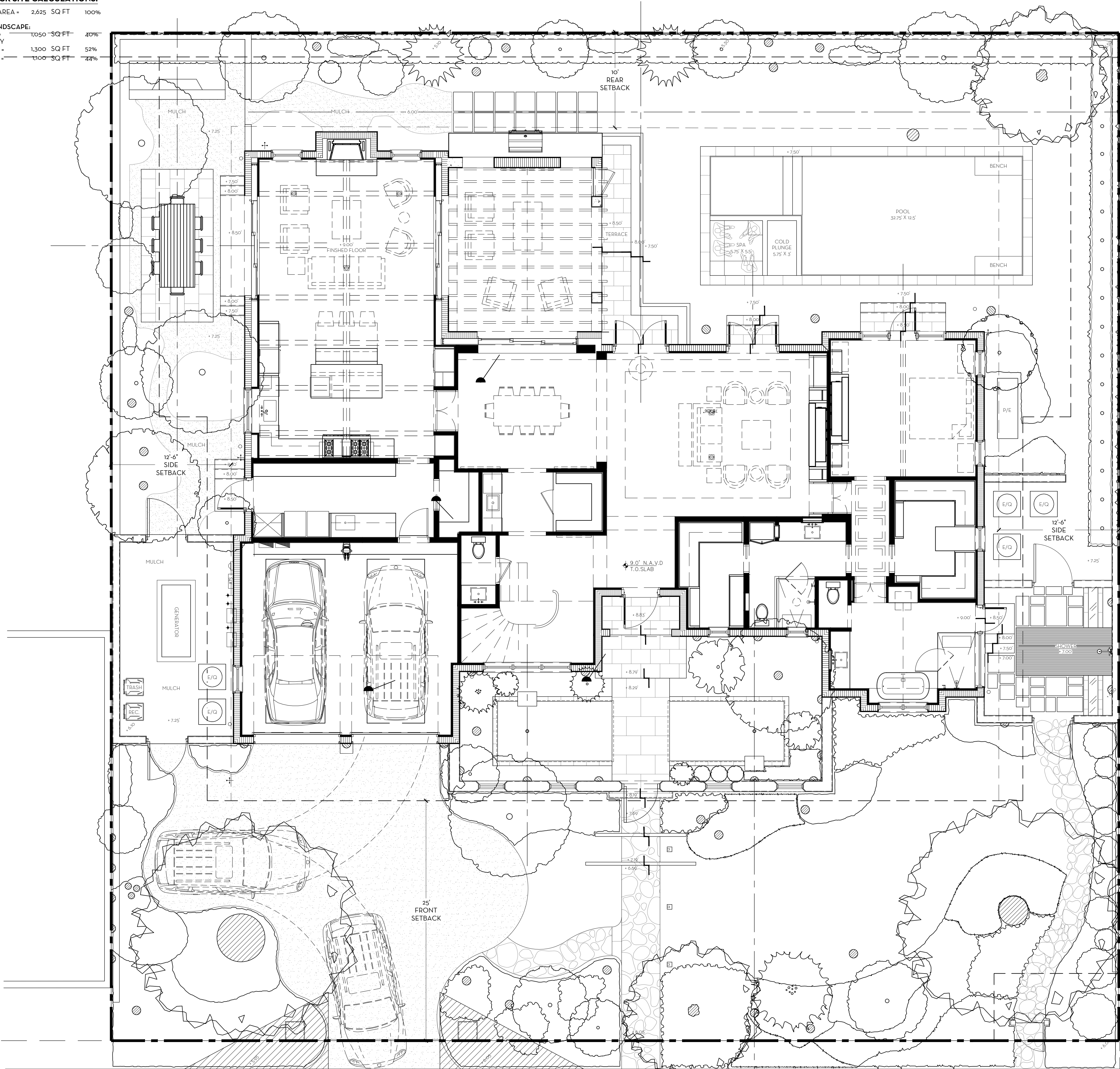
NIEVERAWILLIAMS.COM

EL4

OVERALL R-B SITE CALCULATIONS: FRONT SETBACK SITE CALCULATIONS:

SITE AREA =	11,025 SQ FT	100%	25' SETBACK AREA =	2,625 SQ FT	100%
MINIMUM LANDSCAPE:			MINIMUM LANDSCAPE:		
REQUIRED =	4,991 SQ FT	45%	REQUIRED =	1,050 SQ FT	40%
PREVIOUSLY APPROVED =	4,979 SQ FT	45.16%	PREVIOUSLY APPROVED =	1,300 SQ FT	52%
PROPOSED =	5,298 SQ FT	48%	PROPOSED =	1,100 SQ FT	44%

CURRENTLY
PROPOSED



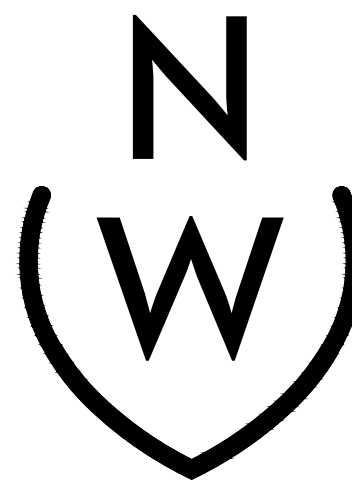
MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

SITE PLAN
PRIVATE RESIDENCE

145 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



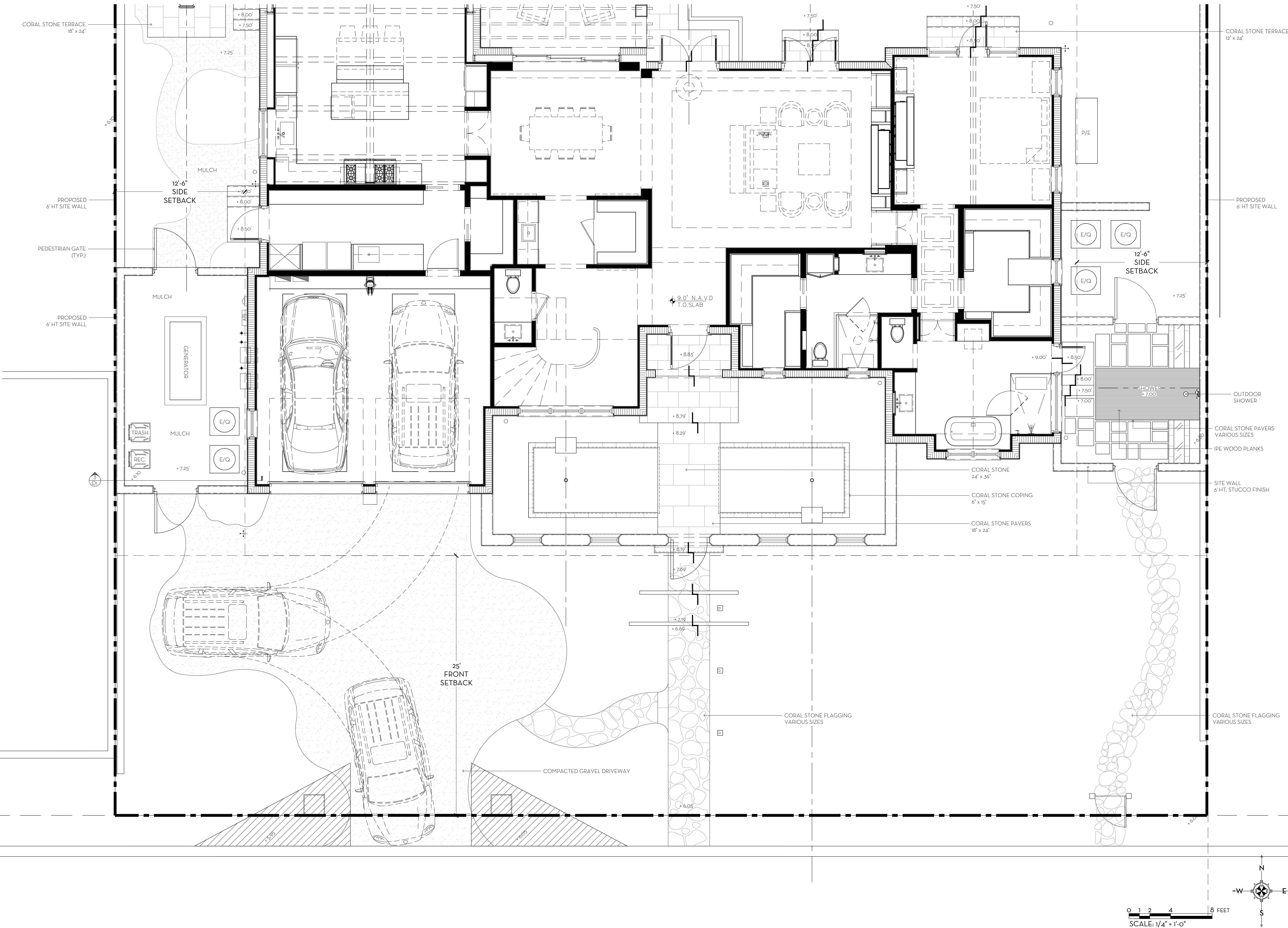
NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

SITE

SCALE: 3/16" = 1'-0"



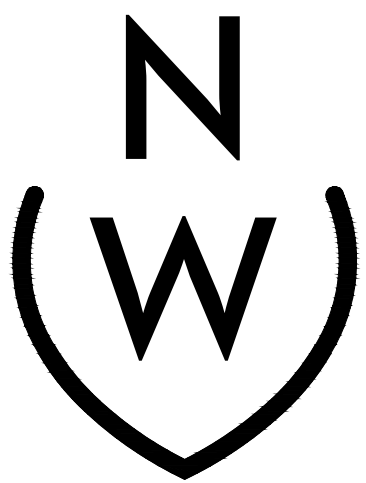
MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

HARDSCAPE PLAN
PRIVATE RESIDENCE

145 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



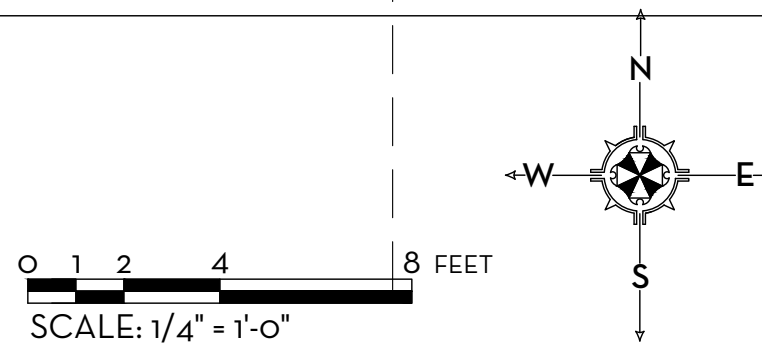
NIEVERA WILLIAMS
DESIGN

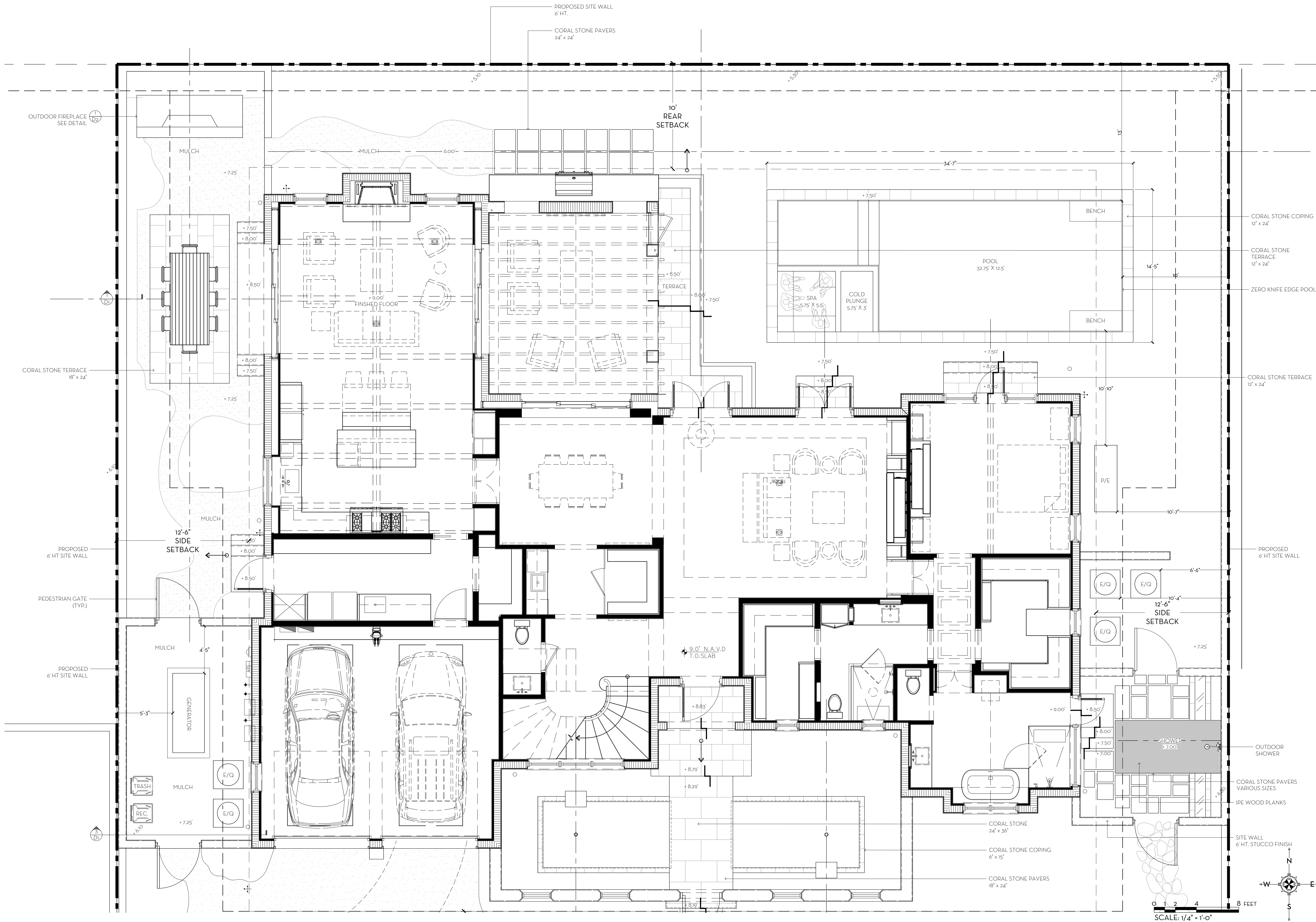
625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM



SCALE: 1/4" = 1'-0"





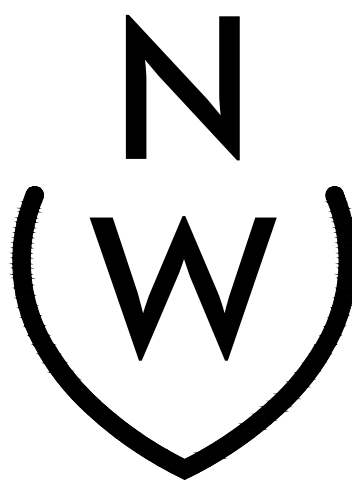
MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

HARDSCAPE PLAN
PRIVATE RESIDENCE

145 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

L2

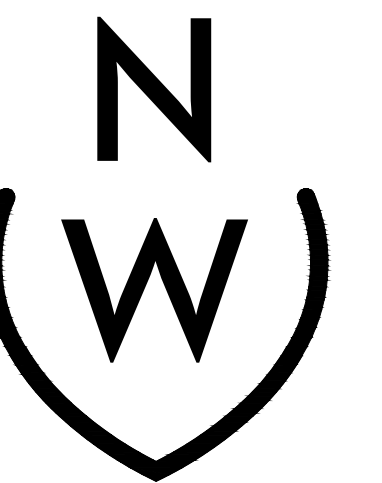
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

State of Florida
Landscape Architect
Registration No.
6666856

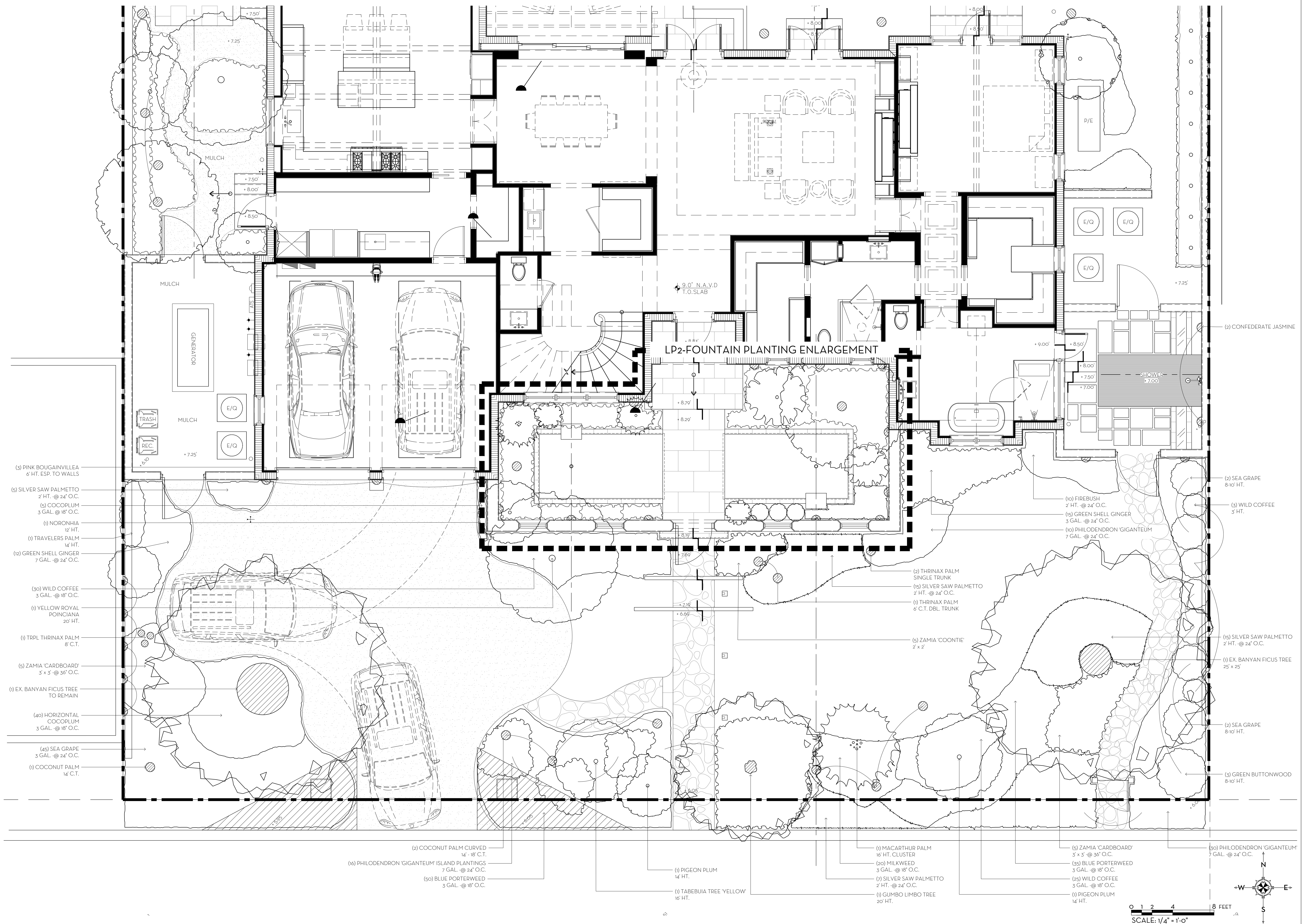
143 REEF ROAD, PALM BEACH, FL

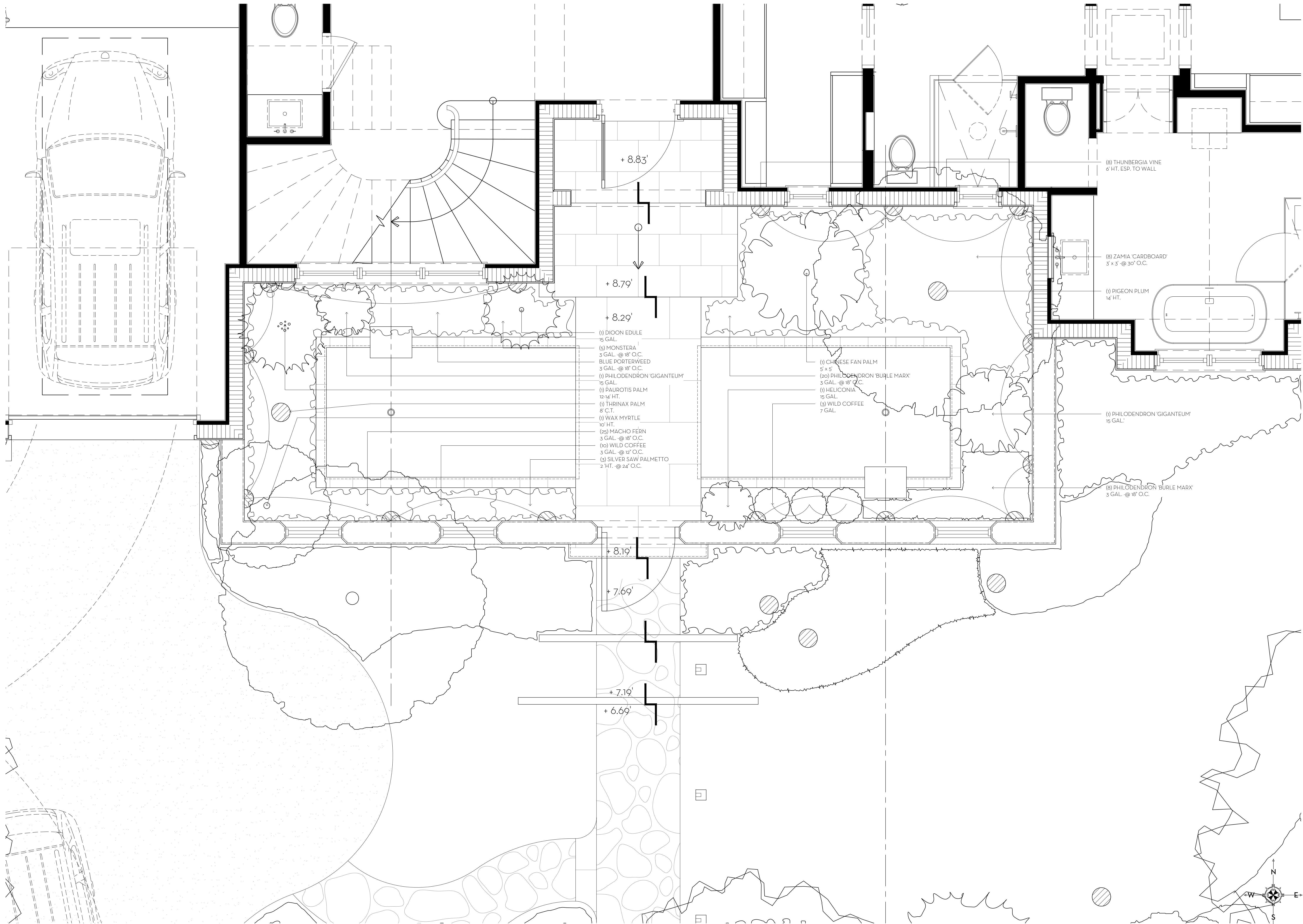
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

LP1





MARIO F. NIEVERA

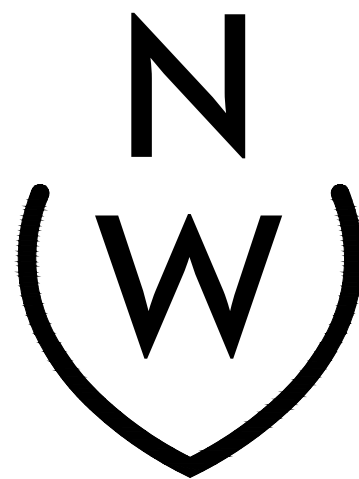
State of Florida
Landscape Architect
Registration No.
6666856

LANDSCAPE PLAN-FOUNTAIN PLANTING ENLARGEMENT

PRIVATE RESIDENCE

143 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

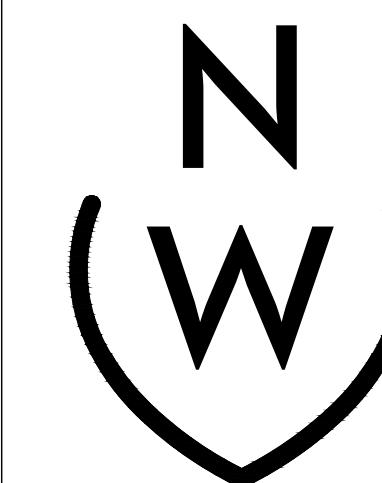
LP2

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

State of Florida
Landscape Architect
Registration No.
6666856

43 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



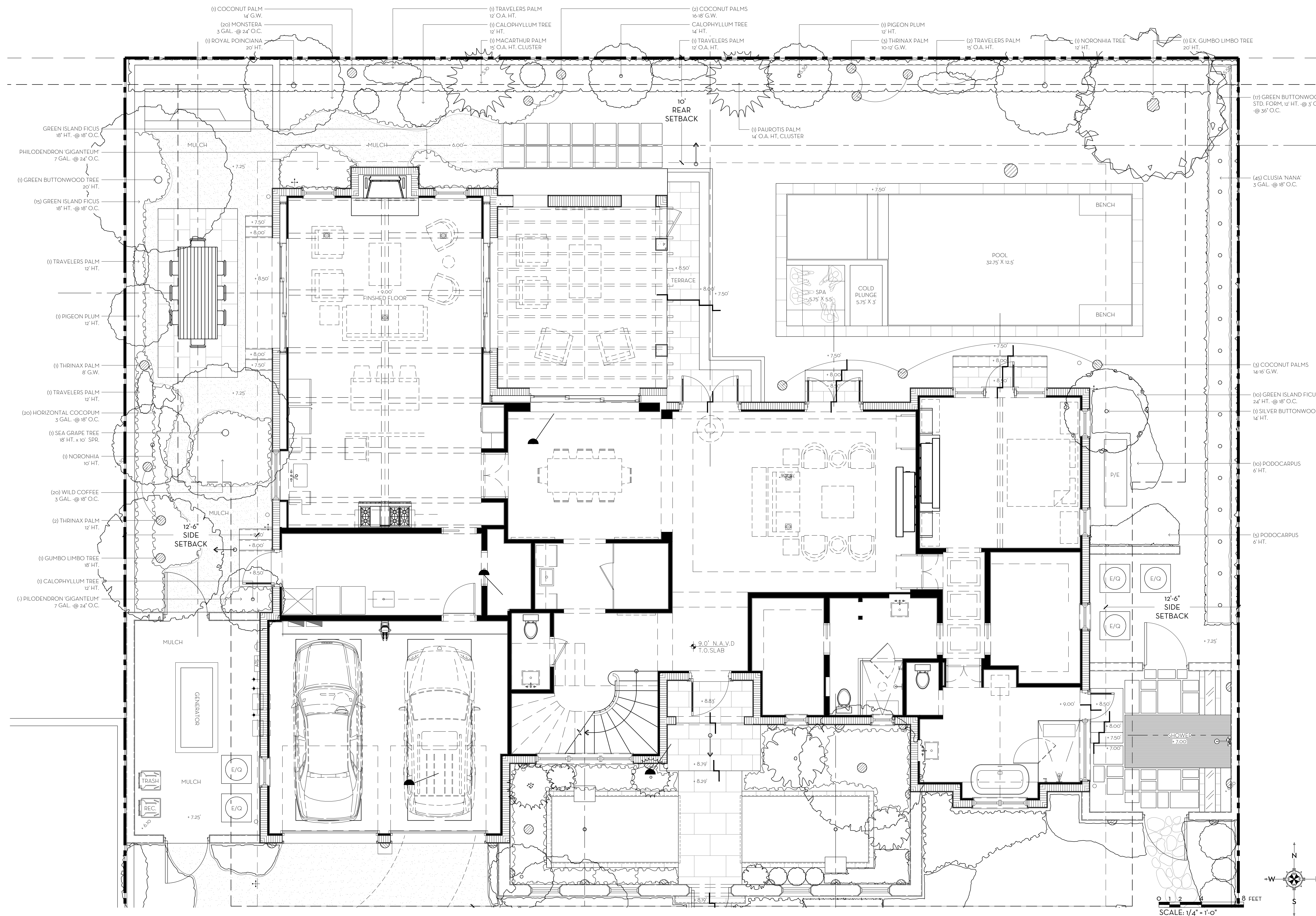
NIEVERA WILLIAMS
DESIGN

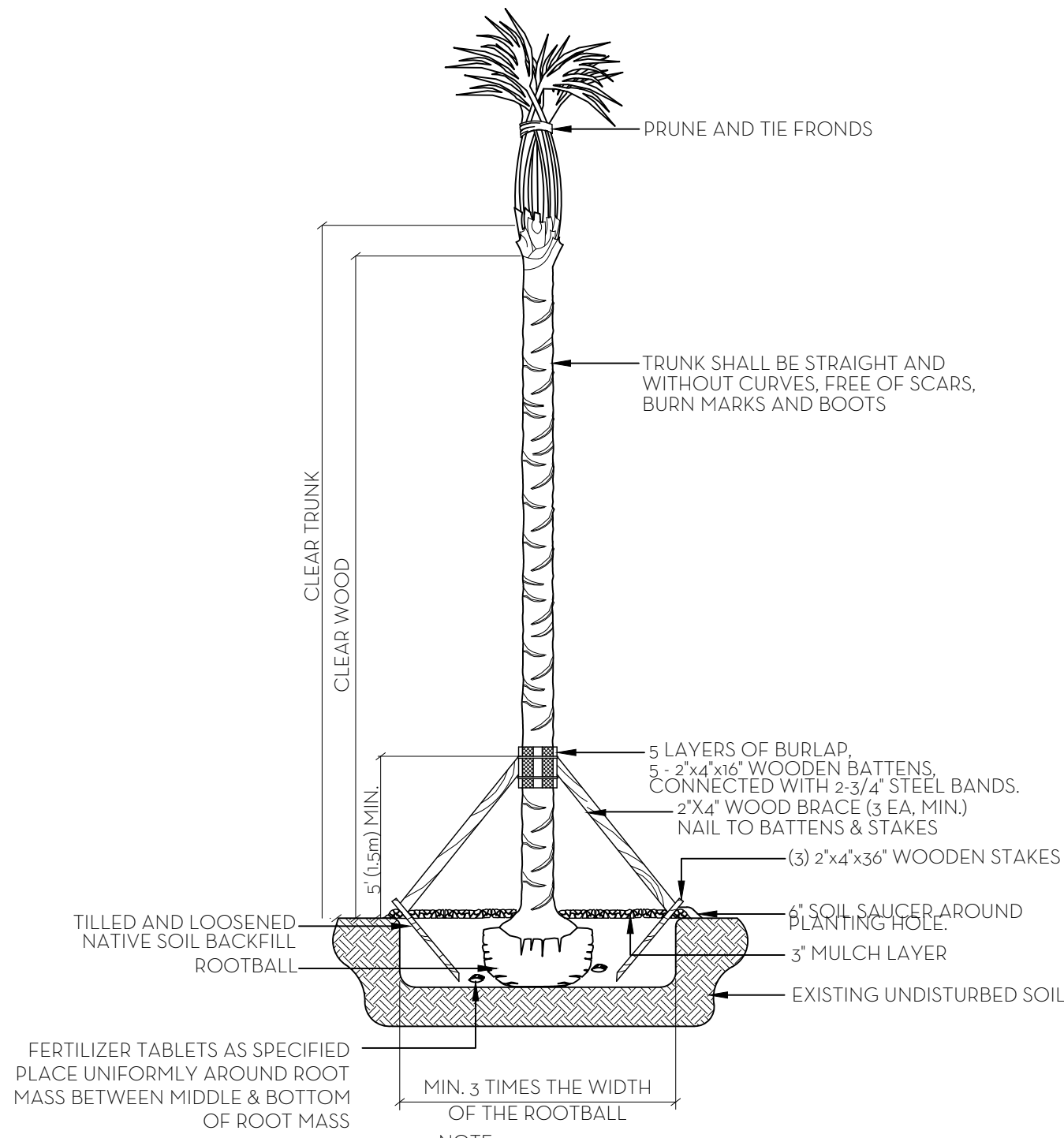
625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

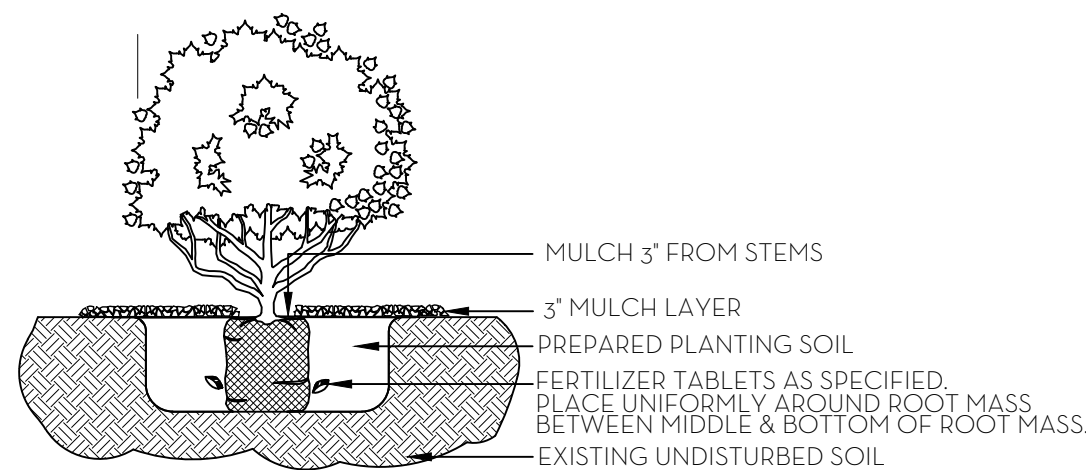
LP3

SCALE: 1/4" = 1'-0"





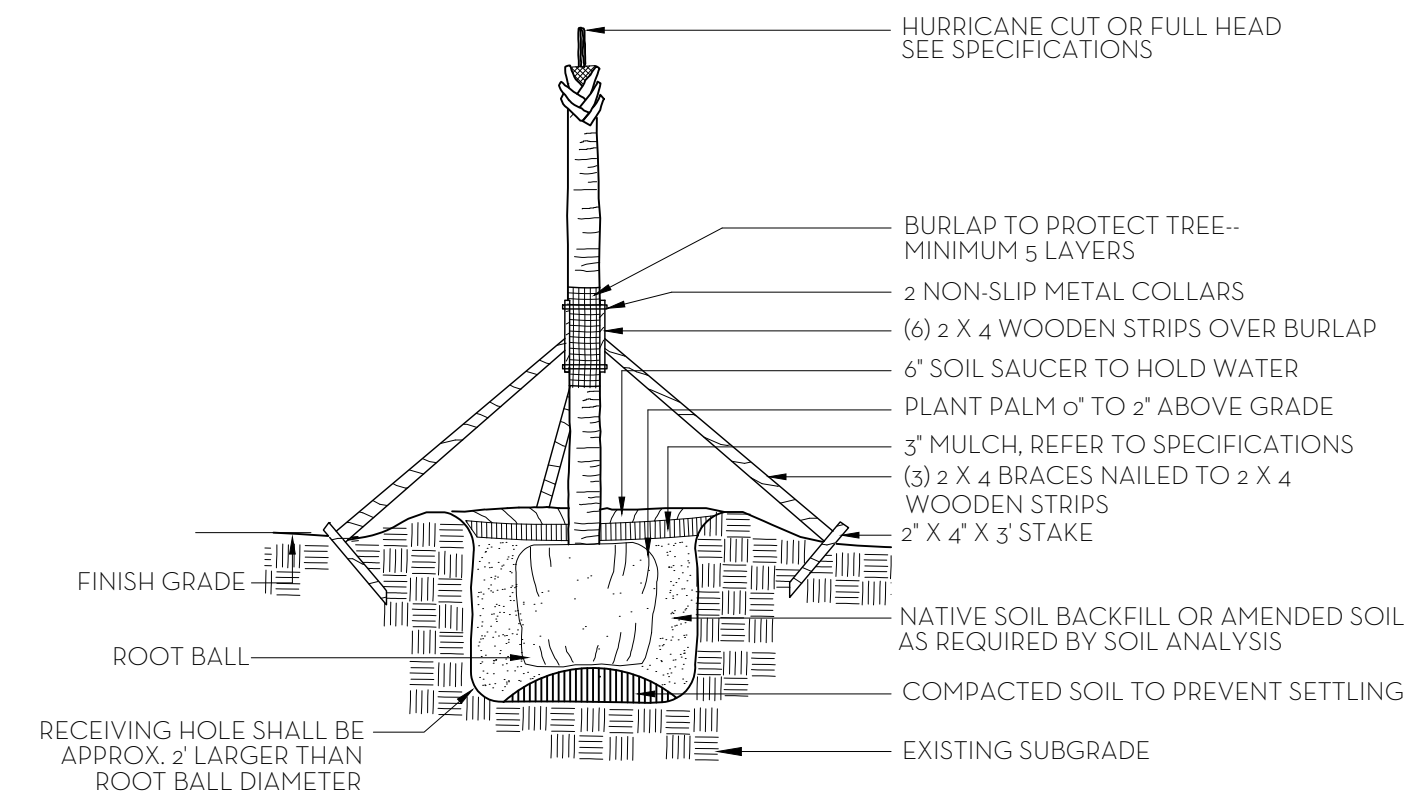
PALM PLANTING DETAIL
N.T.S.



NOTE: ALL MATERIAL TO BE FLORIDA #1 OR BETTER

SHRUB & GROUNDCOVER PLANTING DETAIL
N.T.S.

NOTE: BUD SHALL BE PERPENDICULAR TO GROUND PLANE. TRUNK SHALL BE STRAIGHT AND WITHOUT CURVES. NO SCARRED OR BLACKENED TRUNKS.



NOTES: STAKING & GUYING REQUIRED FOR PALMS, IF NECESSARY, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. ALL PLANT TO BE FLORIDA #1 OR BETTER

PALM TREE PLANTING AND STAKING DETAIL
N.T.S.

FERTILIZATION

SHRUBS AND TREES
ALL TREES AND SHRUBS SHALL BE FERTILIZED WITH "AGRIFORM" 20-10-5 PLANTING TABLETS AT TIME OF INSTALLATION AND PRIOR TO COMPLETION OF PIT BACKFILLING. TABLETS SHALL BE PLACED UNIFORMLY AROUND THE ROOT MASS OF A DEPTH THAT IS BETWEEN THE MIDDLE AND BOTTOM OF THE ROOT MASS.

APPLICATION RATE:

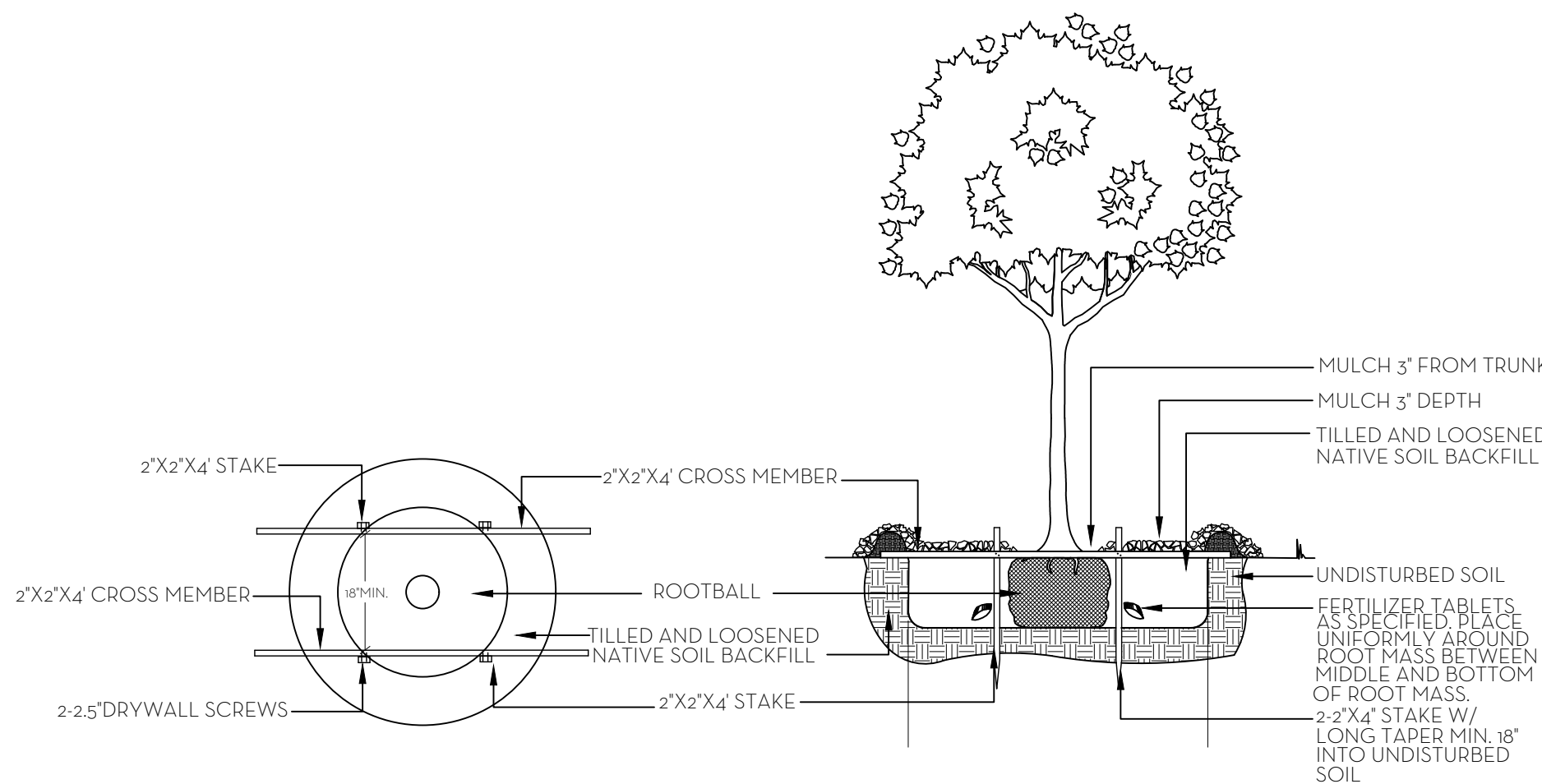
1 GALLON CAN:	1 - 21 GRAM TABLET
3 GALLON CAN:	2 - 21 GRAM TABLETS
5 GALLON CAN:	3 - 21 GRAM TABLETS
7 GALLON CAN:	4 - 21 GRAM TABLETS

TREES: 3 - 21 GRAM TABLETS EACH 1/2" OF CALIPER

PALMS: 7 - 21 GRAM TABLETS

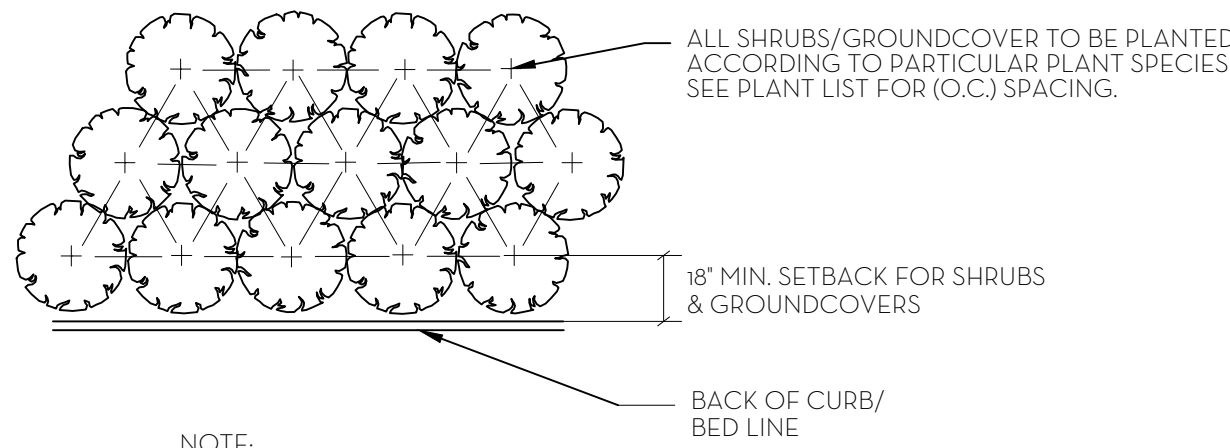
GROUND COVER AREAS
ALL GROUND COVER AREAS SHALL RECEIVE FERTILIZATION WITH "OZMOCOTE" TIME RELEASE FERTILIZER AS PER MANUFACTURER'S SPECIFICATIONS.

- NOTES:
1. ALL WOOD SHALL BE SPRUCE OR PINE-NOT PRESSURE TREATED.
 2. CROSS TIES SHALL NOT CROSS OVER WOODY ROOTS.
 3. REMOVE ALL STRING &/OR WIRE WRAPPED AROUND TRUNK.
 4. REMOVE ALL STRAPS, ROPES, WIRE, &/OR STRINGS USED TO LIFT THE ROOTBALL.
 5. REMOVE ALL BURLAP &/OR WIRE FROM THE TOP OF THE ROOT BALL.
 6. TOP OF ROOTBALL TO BE SET 2" BELOW FINISH SURROUNDING FINISH GRADE.



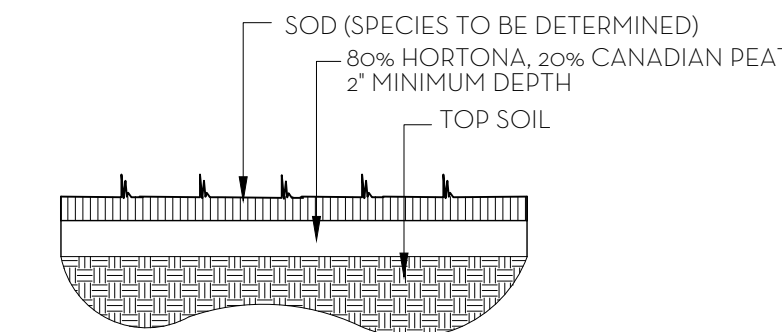
NOTE: ALL PLANT TO BE FLORIDA #1 GRADE OR BETTER

TREE PLANTING DETAIL
N.T.S.

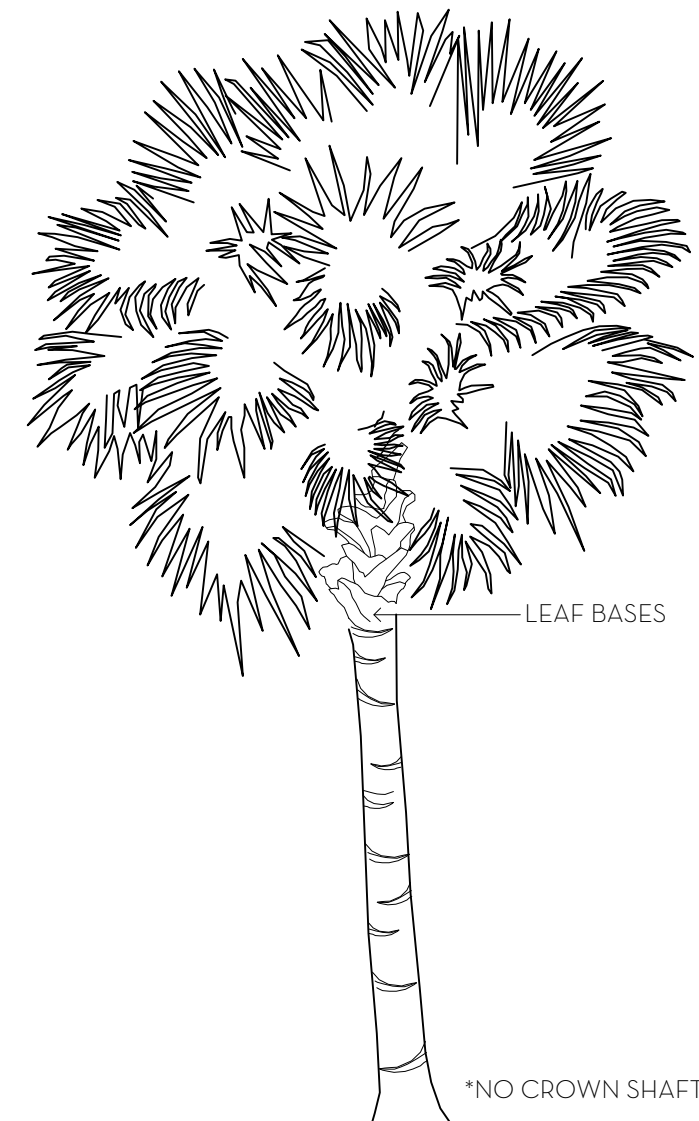


NOTE: ALL PLANT TO BE FLORIDA #1 OR BETTER

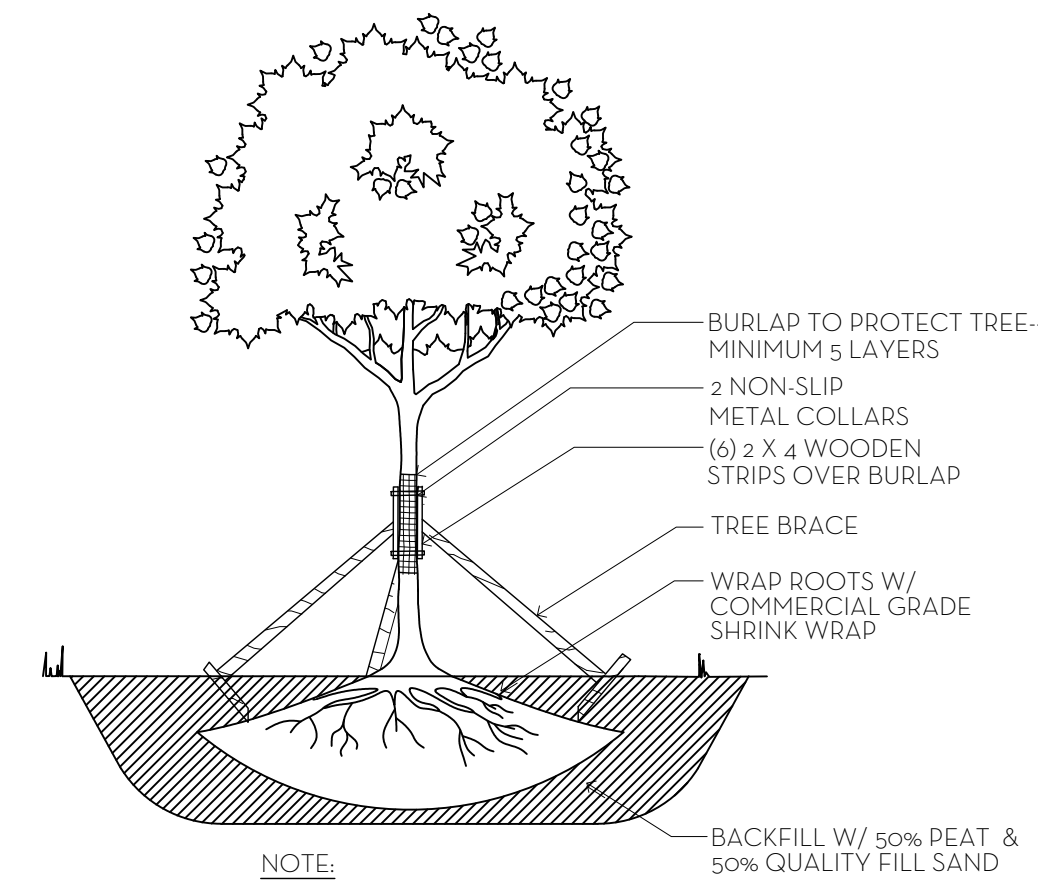
PLANT SPACING DETAIL
N.T.S.



SOD PLANTING DETAIL
N.T.S.



PALM SPECIFICATION DETAIL
N.T.S.



NOTE:

1. ALLOW 4-6 WEEKS BEFORE MOVING TREES.
2. PROVIDE DRIP IRRIGATION.
3. ALL PLANT MATERIAL TO BE FLORIDA #1 GRADE OR BETTER

TREE ROOT PRUNING DETAIL
N.T.S.

 NIEVERA WILLIAMS DESIGN					
					Private Residence
					143 Reef Road, Palm Beach, FL
					December 15, 2023
Landscape Material Schedule					
Item No.	Common Name	Botanical Name	Quantity	Native	Specification
TREES					
	Sea Grape	Coccoloba uvifera	1	*	18 HT. x 10 SPB
	Pigeon Plum	Coccoloba diversifolia	2	*	12 HT.
	Pigeon Plum	Coccoloba diversifolia	3	*	14 HT.
	Silver Tabebuia Yellow	Tabebuia caraba	1		16 HT.
	Noronhia	Noronhia emarginata	1		10' HT.
	Noronhia	Noronhia emarginata	2		12 HT.
	Silver Buttonwood	Conocarpus erectus 'variegatus'	1	*	14 HT.
	Gumbo Limbo	Bursera amarula	1	*	18' HT.
	Gumbo Limbo	Bursera amarula	1	*	20 HT.
	Yellow Platanus	Peltophorum dubium	1		20 HT.
	Green Buttonwood	Conocarpus erectus	1	*	20 HT.
	Green Buttonwood	Conocarpus erectus	17	*	12 HT. 3 C.T. @ 36" O.C.
	Calophyllum	Calophyllum brasiliense	9		17 HT.
	Calophyllum	Calophyllum brasiliense	1		14 HT.
	Royal Platanus	Delonix regia	1		20 HT.
PALMS					
	Coconut Palm	Cocos nucifera	1		14 C.T.
	Coconut Palm	Cocos nucifera	3		18 C.T.
	Coconut Palm	Cocos nucifera	5		14-18 C.T. Curved Trunk
	Coconut Palm	Cocos nucifera	1		14 G.W.
	Coconut Palm	Cocos nucifera	2		16-18 G.W.
	Coconut Palm	Cocos nucifera	3		14-16 G.W.
	Paurotis Palm	Acroelapha wrightii	2	*	12-14 HT. Cluster
	Thrinax Palm	Thrinax radiata	3	*	8 C.T.
	Thrinax Palm	Thrinax radiata	1	*	8' C.T. DBL. Trunk
	Thrinax Palm	Thrinax radiata	1	*	11' C.T. DBL. Trunk
	Thrinax Palm	Thrinax radiata	2	*	12 HT.
	Thrinax Palm	Thrinax radiata	3	*	10-12 G.W.
	Travelers Palm	Davallia madagascariensis	4		12 O.A. HT.
	Travelers Palm	Davallia madagascariensis	1		14 HT. O.A. HT.
	Travelers Palm	Davallia madagascariensis	3		15 HT. O.A. HT.
	Chinese Fan Palm	Livistona chinensis	1		5 x 5
	Macarthur Palm	Dyckiopteris macarthurii	1		15 HT. Cluster
	Macarthur Palm	Dyckiopteris macarthurii	1		14 HT. Cluster
HEDGE/SHRUB/ACCENTS					
	Sea Grape	Coccoloba uvifera	4	*	8'-10' HT. Bush
	Sea Grape	Coccoloba uvifera	45	*	3 GAL. @ 24" O.C.
	Wild Coffee	Dyckiopteris nervosa	85	*	3 GAL. @ 18" O.C.
	Wild Coffee	Dyckiopteris nervosa	6	*	3 HT.
	Green Buttonwood	Conocarpus erectus	3	*	8'-10' HT. Bush
	Dioon Edale	Dioon edule	1		15 GAL.
	Podocarpus	Podocarpus macrophyllus	15		6 HT.
	Green Island Ficus	Ficus microcarpa	15		8' HT. @ 18" O.C.
	Green Island Ficus	Ficus microcarpa	10		24" HT. @ 18" O.C.
	Clusia Pina	Clusia rosea 'Nana'	45	*	3 GAL. @ 18" O.C.
	Silver Saw Palmetto	Serenoa repens 'cinerea'	45	*	2 HT. @ 24" O.C.
	Macho Fern	Nephrolepis biserrata 'Macho'	25	*	3 GAL. @ 18" O.C.
	Wax Myrtle	Myrica cerifera	1	*	10 HT.
	Coccoloba	Chrysobalanus icaco	5	*	3 GAL. @ 18" O.C.
	Philodendron Giganteum	Philodendron giganteum	56		7 GAL. @ 24" O.C.
	Philodendron Giganteum	Philodendron giganteum	7		15 GAL.
	Monstera	Monstera deliciosa	20		3 GAL. @ 24" O.C.
	Monstera	Monstera deliciosa	5		3 GAL. @ 18" O.C.
	Blue Porterweed	Stachytarpheta jamaicensis	85		3 GAL. @ 18" O.C.
	Milkwed	Asclepias curassavica	20		3 GAL. @ 18" O.C.
	Firebush	Hamelia patens	10		2 HT. @ 24" O.C.
	Green Shell Ginger	Alpinia zerumbet	15		3 GAL. @ 24" O.C.
	Green Shell Ginger	Alpinia zerumbet	12		7 GAL. @ 24" O.C.
	Cardboard Palm	Zamia furfuracea	8		3 x 3 @ 30" O.C.
	Cardboard Palm	Zamia furfuracea	10		3 x 3 @ 36" O.C.
	Heliconia	Heliconia spp.	1		15 GAL.
GROUND COVER					
	Philodendron Burle Marx	Philodendron 'Burle Marx'	28		3 GAL. @ 18" O.C.
	Horizontal Cocoplum	Chrysobalanus icaco	60	*	3 GAL. @ 18" O.C.
	Coontie Palm	Zamia pumila	5	*	3 GAL.
VINES					
	Thunbergia Vine	Thunbergia grandiflora	8		6 HT. Espalier to Wall
	Bougainvillea	Bougainvillea spp.	3		6 HT. Espalier to Wall
SOD					
	Zoysia Diamond	Zoysia spp.			

 Town of Palm Beach Planning Zoning and Building 360 S County Rd. Palm Beach, FL 33480 www.townofpalmbeach.com		
Line #	Landscape Legend	
1	Property Address:	143 Reef Road, Palm Beach, FL
2	Lot Area (sq. ft.):	11,025 Sq Ft
3		REQUIRED PROPOSED
4	Landscape Open Space (LOS) (Sq Ft and %)	4,961 Sq Ft (45%) 5,298 Sq Ft (48%)
5	LOS to be altered (Sq Ft and %)	N/A
6	Perimeter LOS (Sq Ft and %)	4,207.5 Sq Ft 4,300 Sq Ft
7	Front Yard LOS (Sq Ft and %)	1,050 Sq Ft (40%) 1,100 Sq Ft (44%)
8	Native Trees %	30% (number of trees) 27/36 (75%)
9	Native Shrubs & Vines %	30% (number of shrubs & vines) 289/559 (51%)
10	Native Groundcover %	30% (groundcover area) 152/236 Sq Ft (64%)

MARIO F. NIEVERA

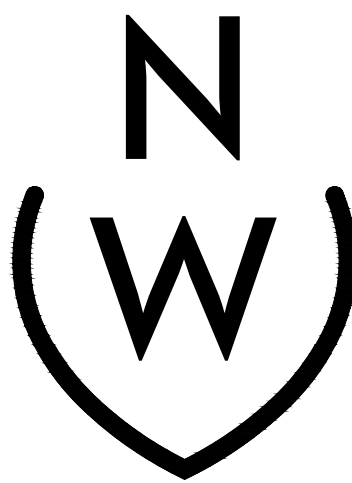
State of Florida
Landscape Architect
Registration No.
6666856

PLANT LIST AND DETAILS

PRIVATE RESIDENCE

143 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



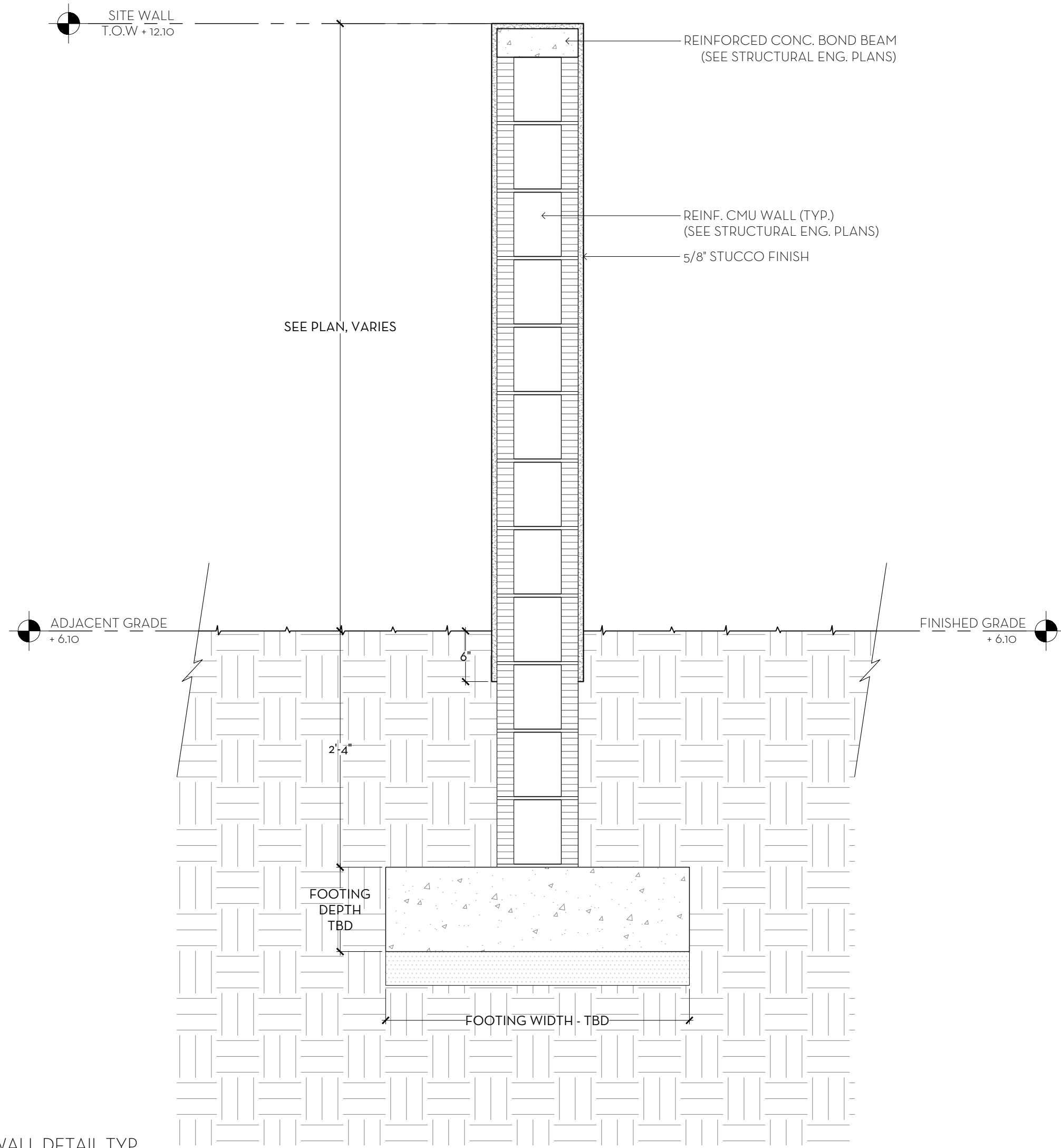
NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

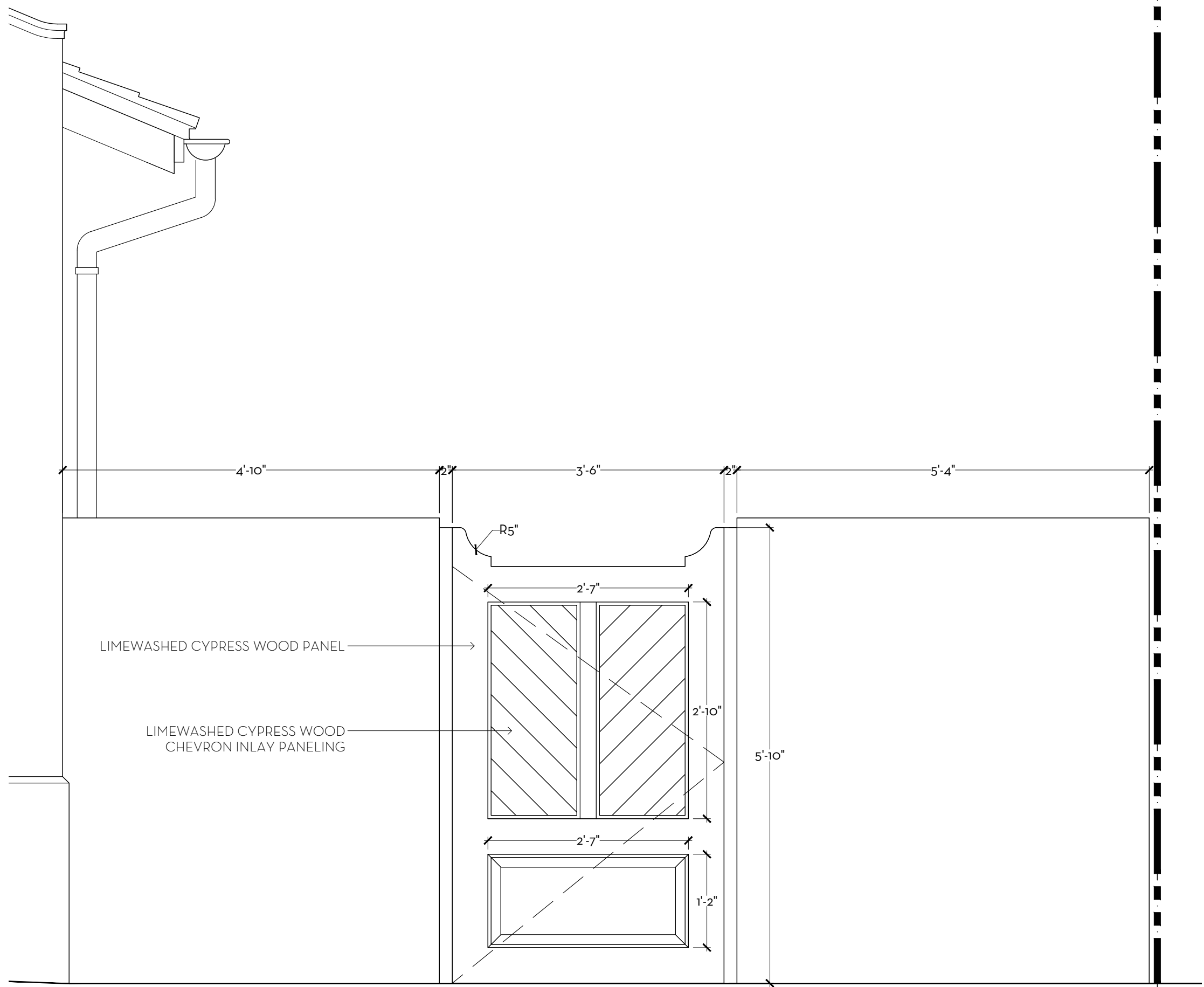
NIEVERAWILLIAMS.COM

LP4

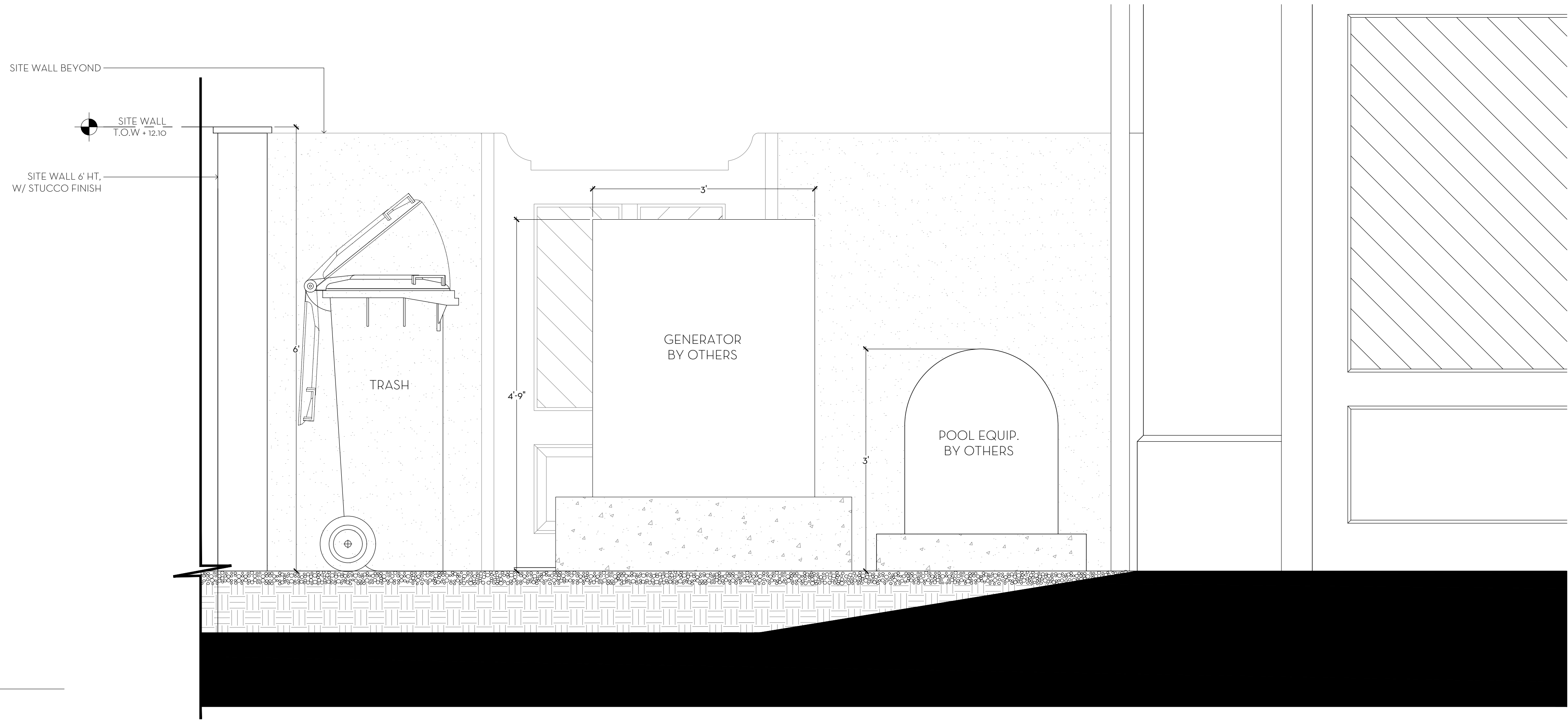
1 SITE WALL DETAIL TYP.
SCALE: 1"=1'-0"



2 GATE DETAIL TYP.
SCALE: 3/4"=1'-0"



3 EQUIPMENT YARD SECTION
SCALE: 1"=1'-0"



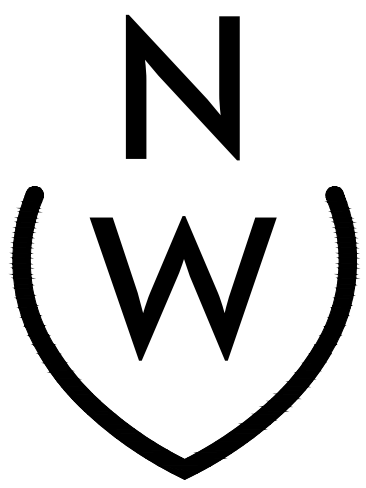
MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

SITE DETAILS
PRIVATE RESIDENCE

145 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023

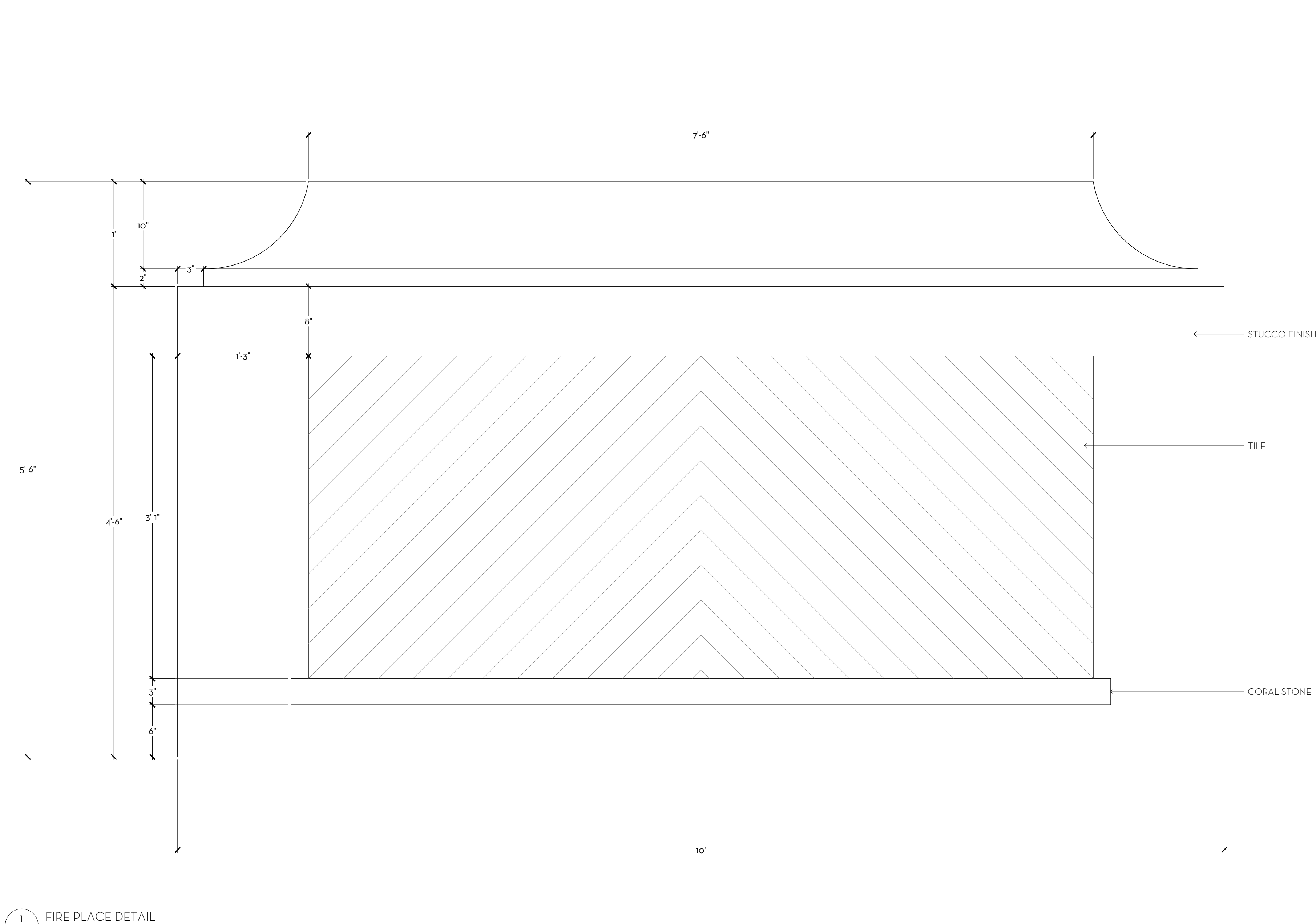


NIEVERA WILLIAMS
DESIGN

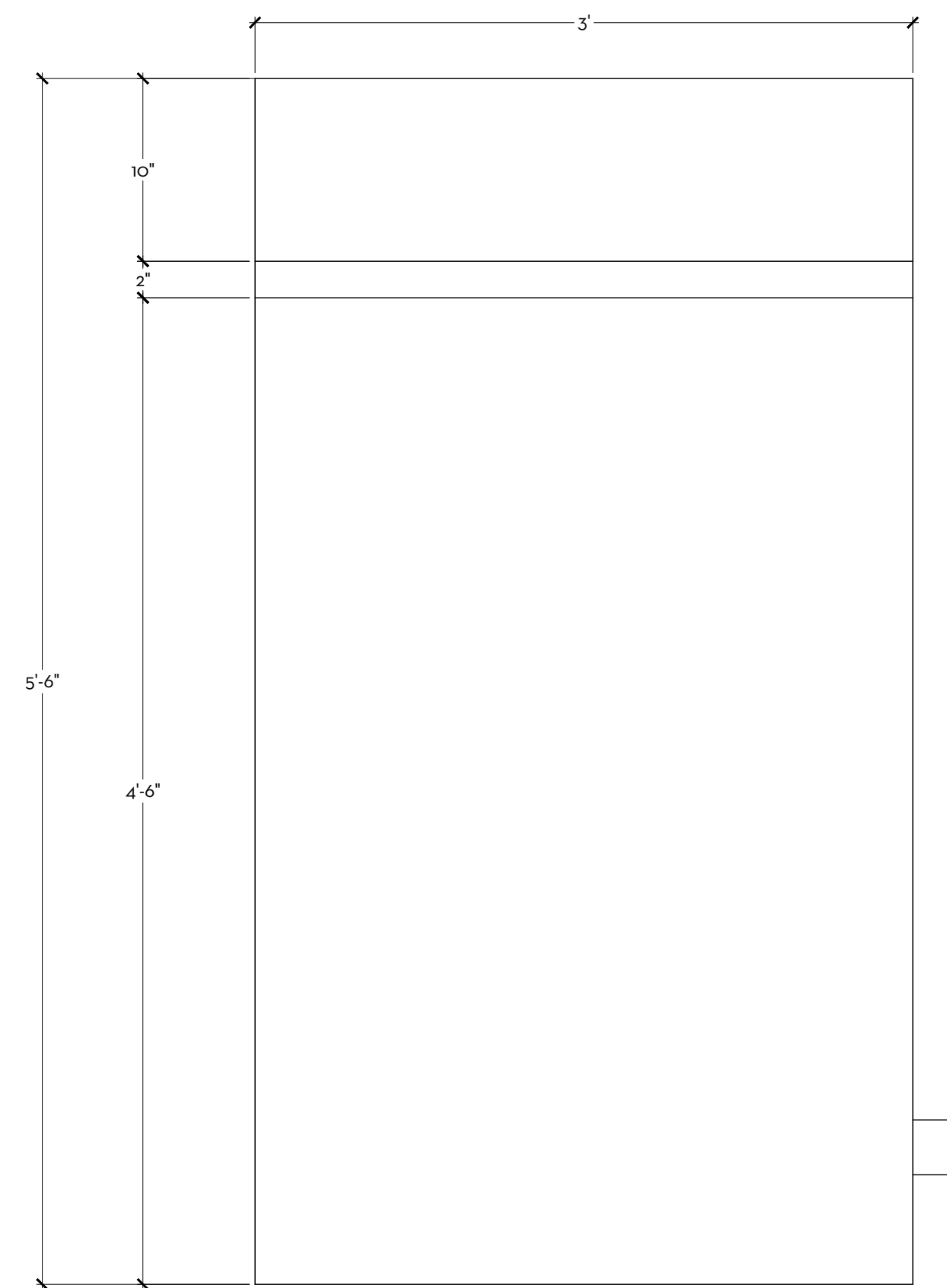
625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

D1



1 FIRE PLACE DETAIL
D2 SCALE: 1-1/2"=1'-0"



2 FIRE PLACE DETAIL (SIDE)
D2 SCALE: 1-1/2"=1'-0"

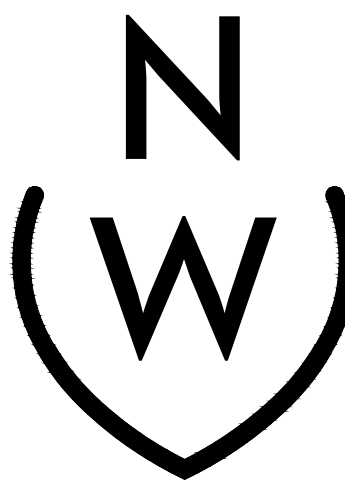
MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

FIRE PLACE DETAIL.
PRIVATE RESIDENCE

143 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023

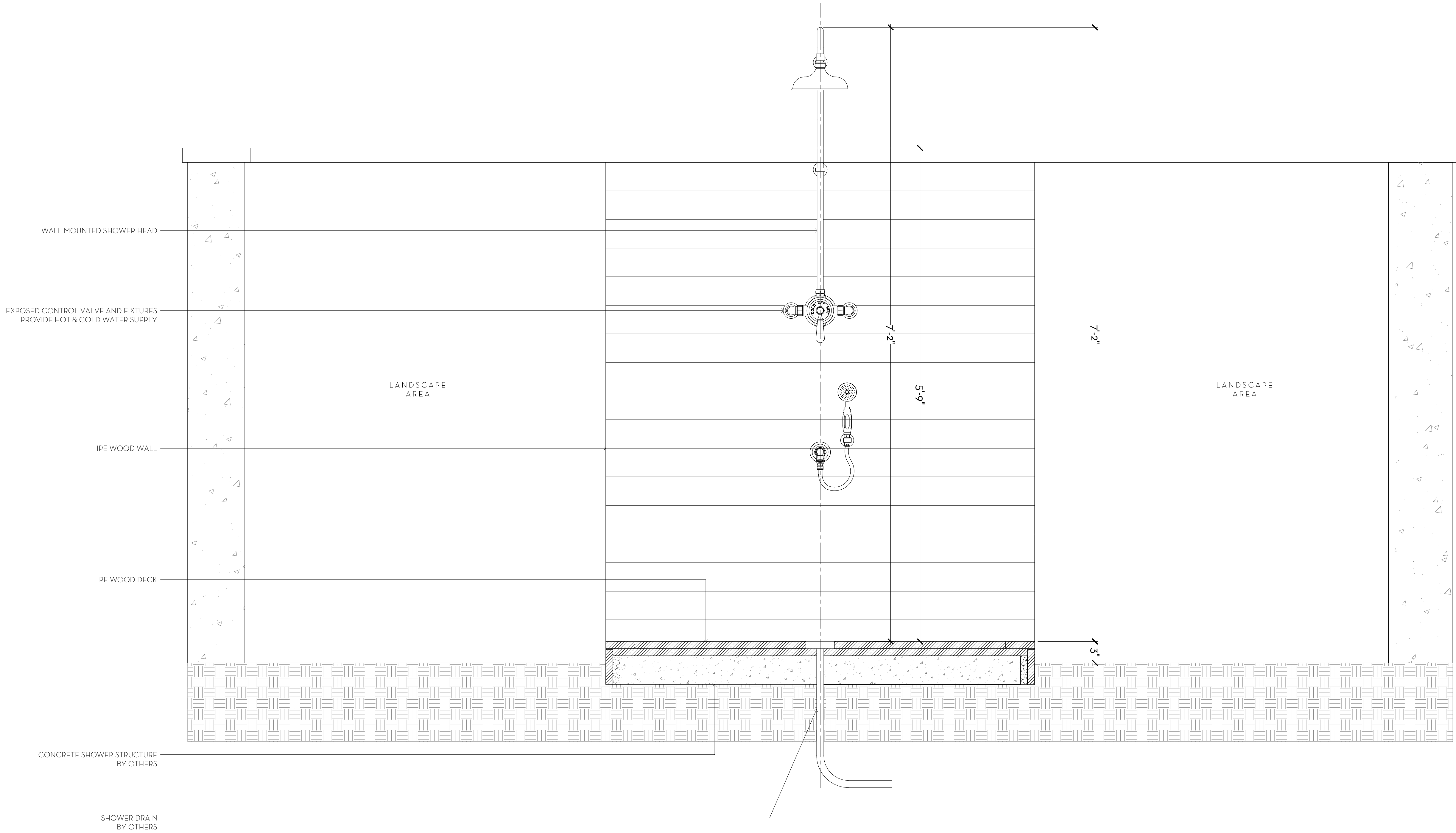


NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

D2



1 OUTDOOR SHOWER DETAIL (FRONT PROFILE)
D3 SCALE: 1-1/2"=1'-0"

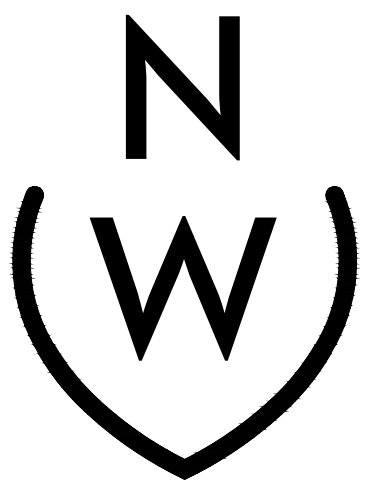
MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

OUTDOOR SHOWER DETAIL
PRIVATE RESIDENCE

145 REEF ROAD, PALM BEACH, FL

12 FEB 2024
29 JAN 2024
04 DEC 2023
06 NOV 2023
05 SEPT 2023



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

D3

SCALE: SEE DETAIL