

MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

EXISTING CONDITIONS
GUFF RESIDENCE

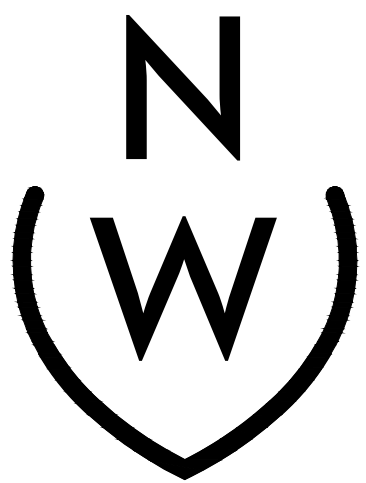
144 CHILEAN AVENUE, PALM BEACH, FLORIDA

20 AUGUST 2022 - FINAL SUBMITTAL

08 AUGUST 2022

21 JULY 2022

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



NIEVERA WILLIAMS
DESIGN

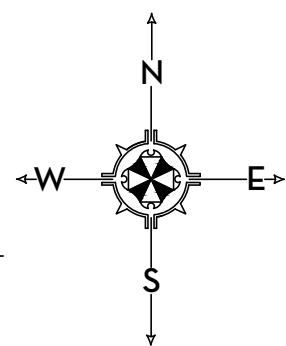
625 N. Flagler Drive
Suite 502
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

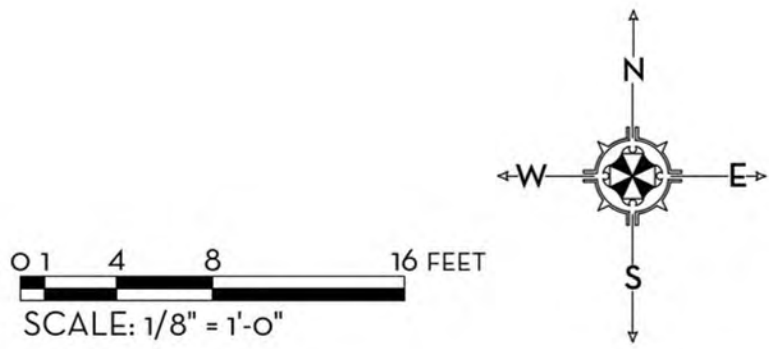
EX

ARC: 22 - 213

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



PREVIOUSLY PRESENTED



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

OVERALL SITE PLAN
GUFF RESIDENCE
144 CHILEAN AVENUE, PALM BEACH, FLORIDA
29 AUGUST 2022 - FINAL SUBMITTAL
08 AUGUST 2022
21 JULY 2022


NIEVERA WILLIAMS
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West Palm Beach, FL 33401
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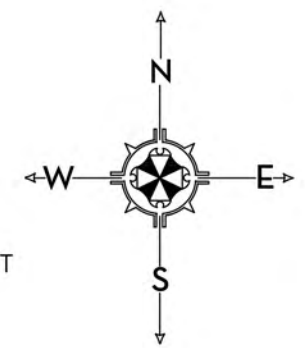
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ARC: 22 - 213

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



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

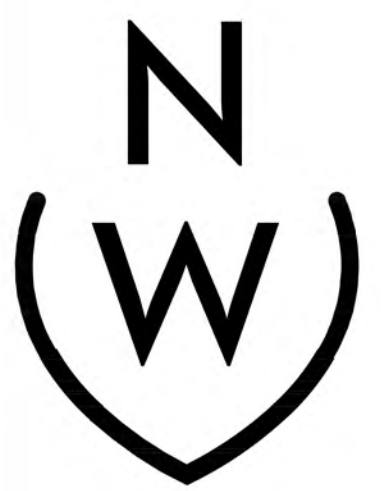


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SCALE: 1/8" = 1'-0"

OVERALL SITE PLAN
GUFF RESIDENCE
144 CHILEAN AVENUE, PALM BEACH, FLORIDA

02 NOVEMBER 2022
29 AUGUST 2022



NIEVERA WILLIAMS
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625 N. Flagler Drive
Suite 502
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

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Lo

ARC-22-213
ZON-22-139



PREVIOUSLY PRESENTED



PROPOSED

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SCALE: $\frac{1}{4}" = 1'-0"$

NORTH ELEVATION
GUFF RESIDENCE
144 CHILEAN AVENUE, PALM BEACH, FLORIDA

02 NOVEMBER 2022
29 AUGUST 2022



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DESIGN

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

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ZON-22-139



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PROPOSED

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Landscape Architect
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6666856

SCALE: $\frac{1}{4}" = 1'-0"$

SOUTH ELEVATION
GUFF RESIDENCE
144 CHILEAN AVENUE, PALM BEACH, FLORIDA

02 NOVEMBER 2022
29 AUGUST 2022



NIEVERA WILLIAMS
DESIGN

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Suite 502
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

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PREVIOUSLY PRESENTED



PROPOSED

MARIO F. NIEVERA

State of Florida
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6666856

SCALE: $\frac{3}{8}" = 1'-0"$

WEST ELEVATION
GUFF RESIDENCE
144 CHILEAN AVENUE, PALM BEACH, FLORIDA

02 NOVEMBER 2022
29 AUGUST 2022



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EL3
ARC-22-213
ZON-22-139



PREVIOUSLY PRESENTED



PROPOSED

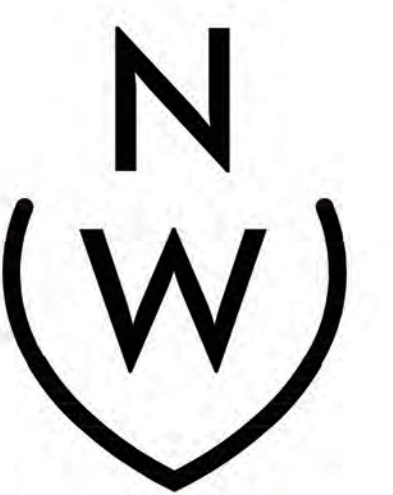
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SCALE: $\frac{1}{8}" = 1'-0"$

EAST ELEVATION
GUFF RESIDENCE
144 CHILEAN AVENUE, PALM BEACH, FLORIDA

02 NOVEMBER 2022
29 AUGUST 2022



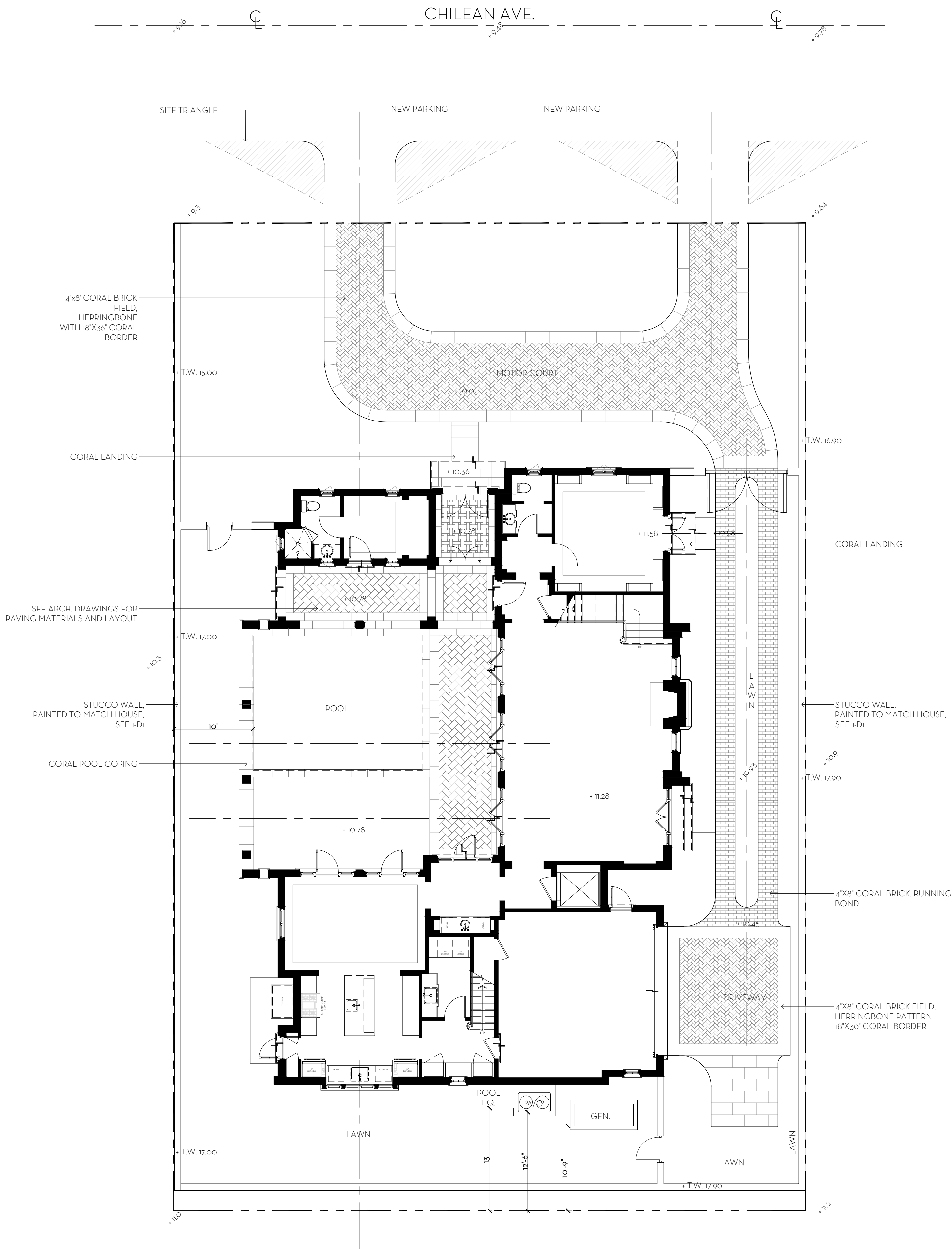
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EL4

ARC-22-213
ZON-22-139



OVERALL R-B SITE CALCULATIONS:

SITE AREA =	10,000	SQ FT	100%
MINIMUM LANDSCAPE:			
REQUIRED =	4,500	SQ FT	45%
PROPOSED =	4,533	SQ FT	45.33%

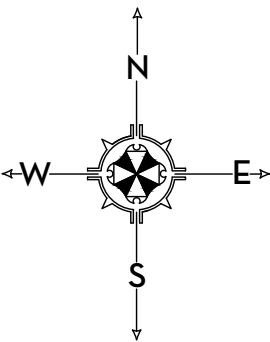
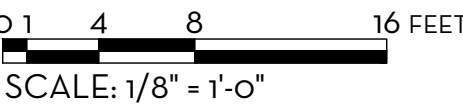
FRONT SETBACK SITE CALCULATIONS:

25' SETBACK AREA =	2,000	SQ FT	100%
MINIMUM LANDSCAPE:			
REQUIRED =	800	SQ FT	40%
PROPOSED =	1,087	SQ FT	54.35%

10' PERIMETER SITE CALCULATIONS:

PERIMETER AREA =	3,700	SQ FT	
MINIMUM LANDSCAPE:			
(90% 10' = 3,200 SF) = 2,250 SF REQUIRED			
PROPOSED =	2,969	SQ FT	

TOPOGRAPHY LEGEND	
EXISTING GRADE	+X.XX
PROPOSED GRADE	+X.XX



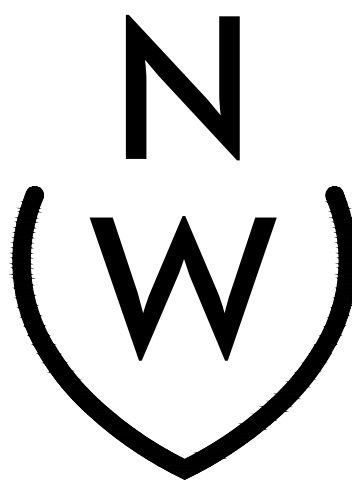
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HARDSCAPE PLAN
GUFF RESIDENCE

144 CHILEAN AVENUE, PALM BEACH, FLORIDA

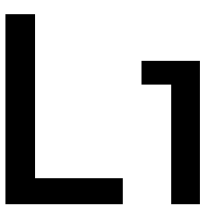
02 NOVEMBER 2022
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ZON-22-139

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

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

LANDSCAPE PLAN

GUFF RESIDENCE

144 CHILEAN AVENUE, PALM BEACH, FLORIDA

144 CHILEAN AVENUE, PALM BEACH, FLORIDA

02 NOVEMBER 2022

29 AUGUST 2022



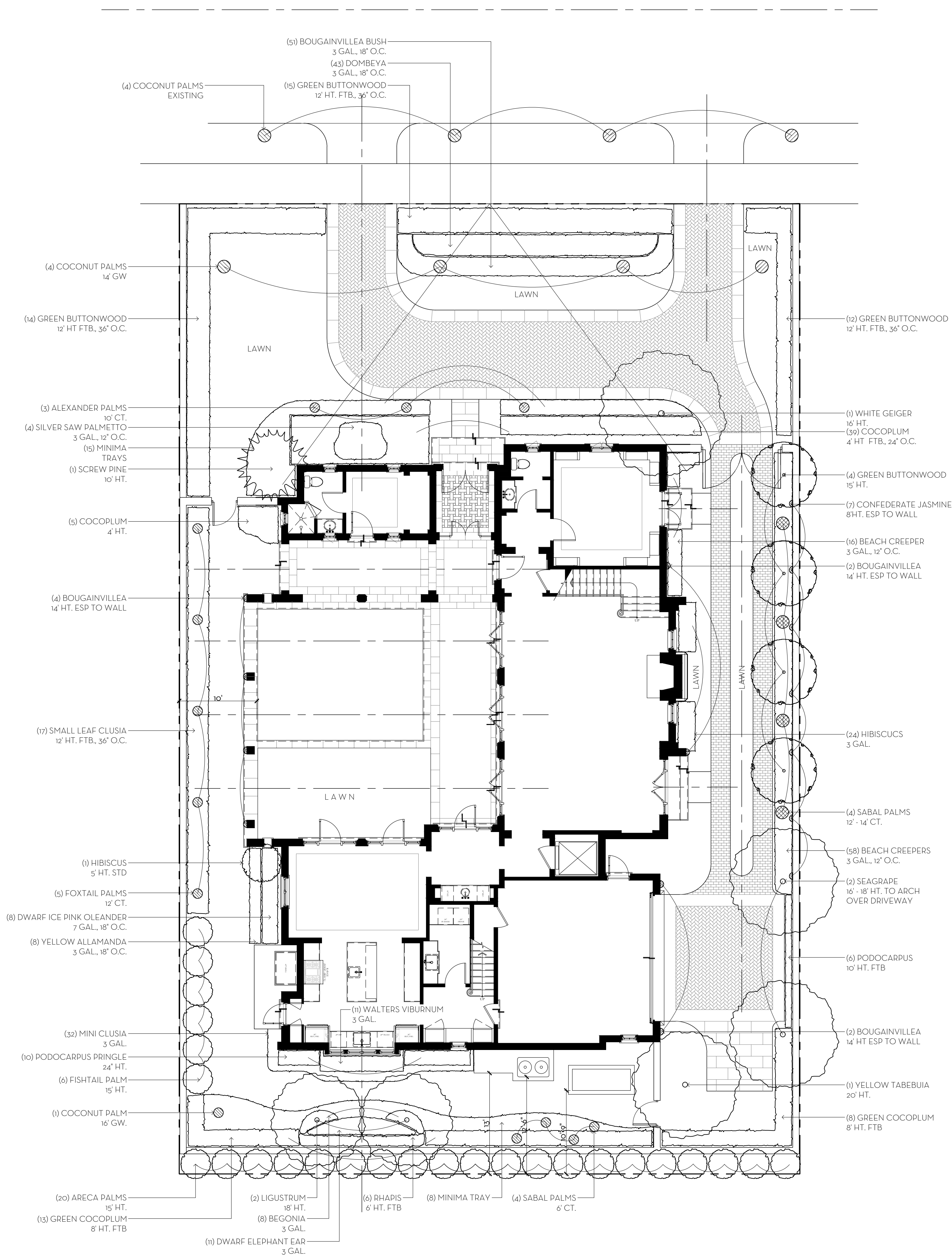
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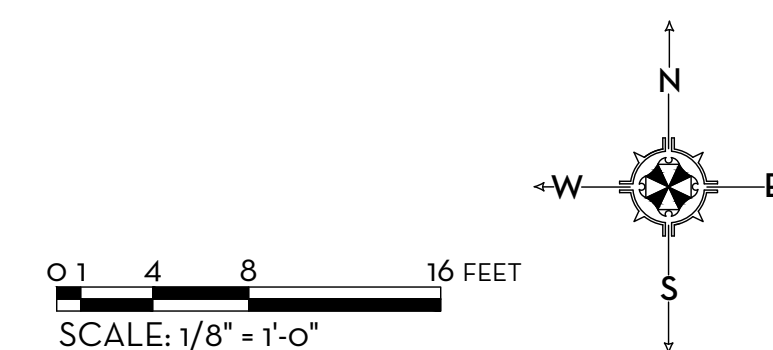
SITE AREA =	10,000	SQ FT	100%
MINIMUM LANDSCAPE:			
REQUIRED =	4,500	SQ FT	45%
PROPOSED =	4,533	SQ FT	45.33%

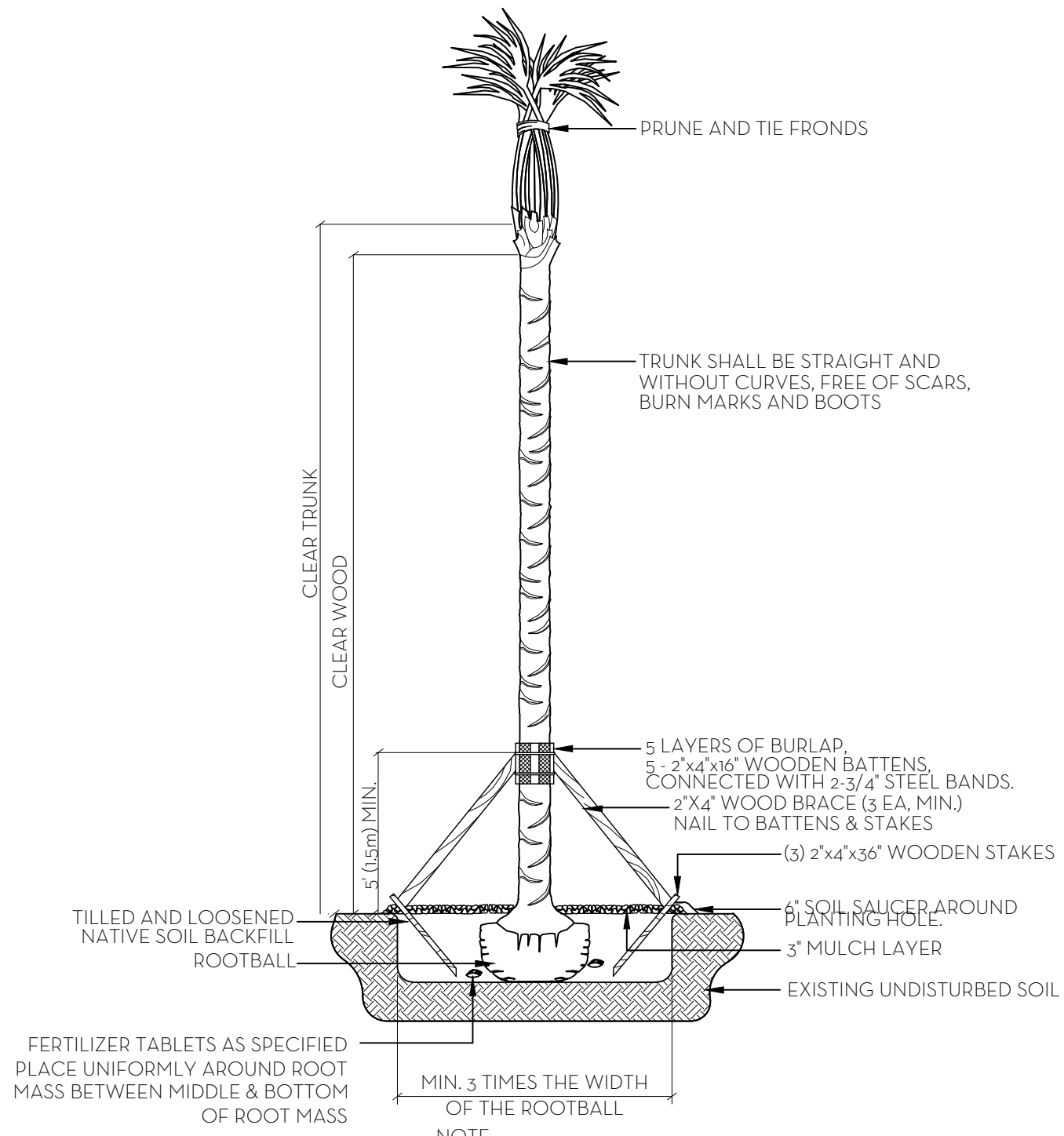
25' SETBACK AREA -	2,000	SQ FT	100%
MINIMUM LANDSCAPE:			
REQUIRED -	800	SQ FT	40%
PROPOSED -	1,087	SQ FT	54.35

PERIMETER AREA = 3,700 SQ FT

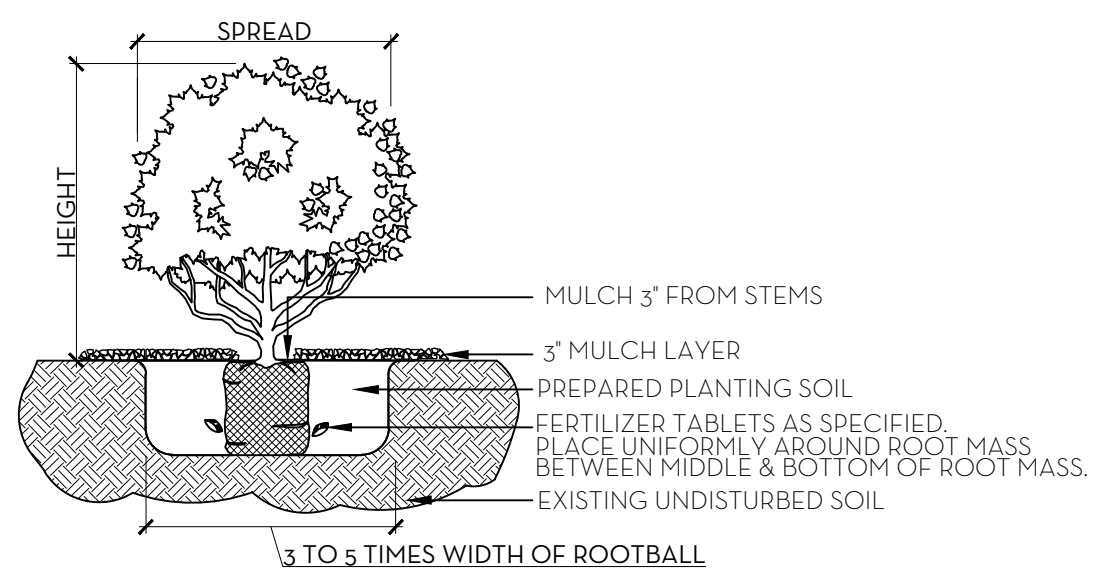
MINIMUM LANDSCAPE:
(50% OF 4,500 SF) = 2,250 SF REQUIRED

PROPOSED = 2,969 SQ FT



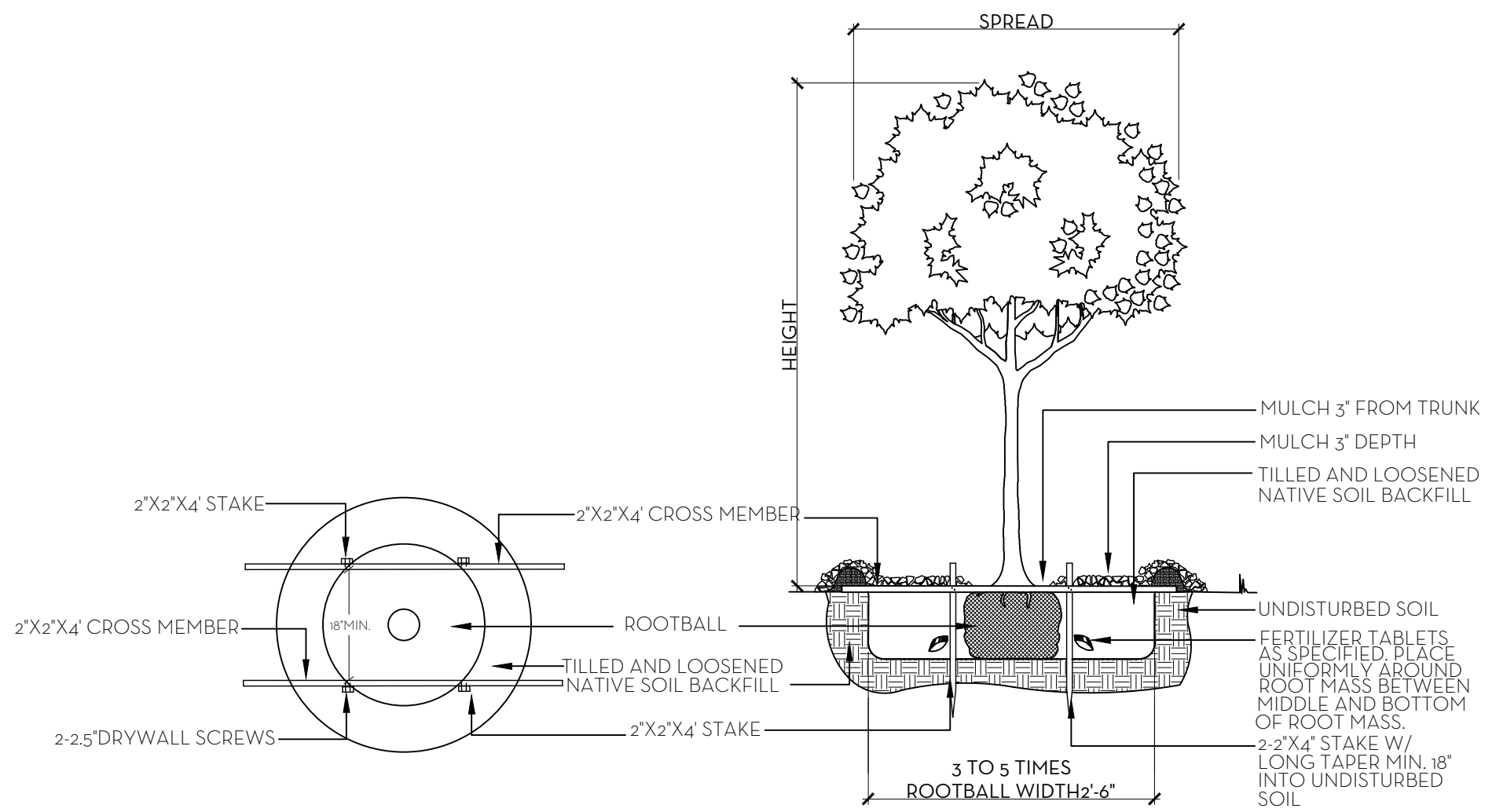


PALM PLANTING DETAIL
N.T.S.



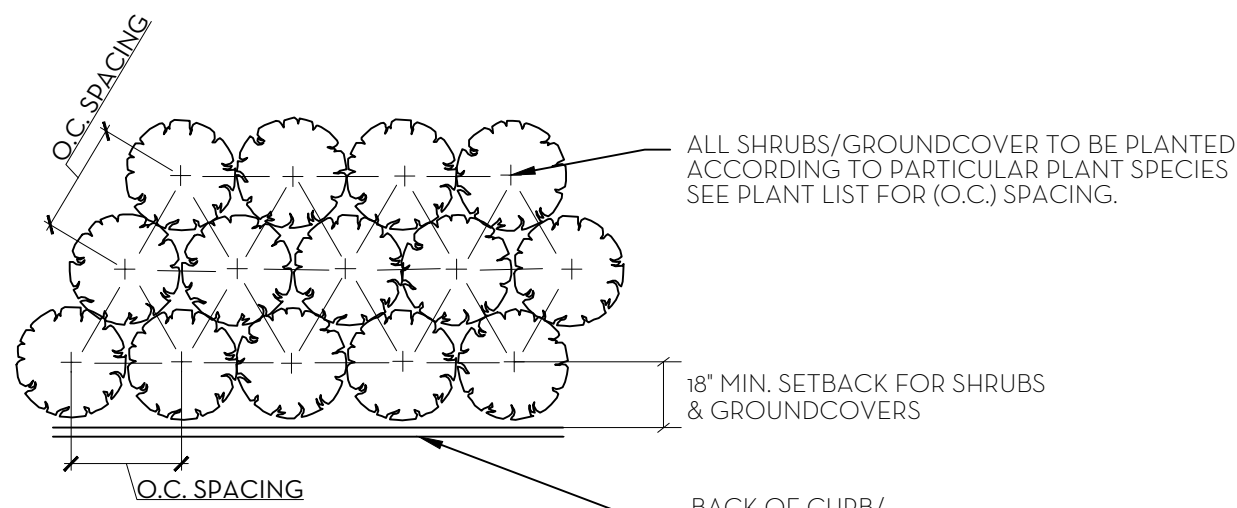
SHRUB & GROUNDCOVER PLANTING DETAIL
N.T.S.

- 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.

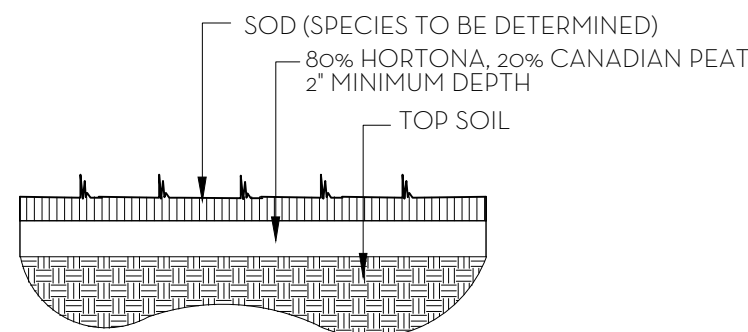


TREE PLANTING DETAIL
N.T.S.

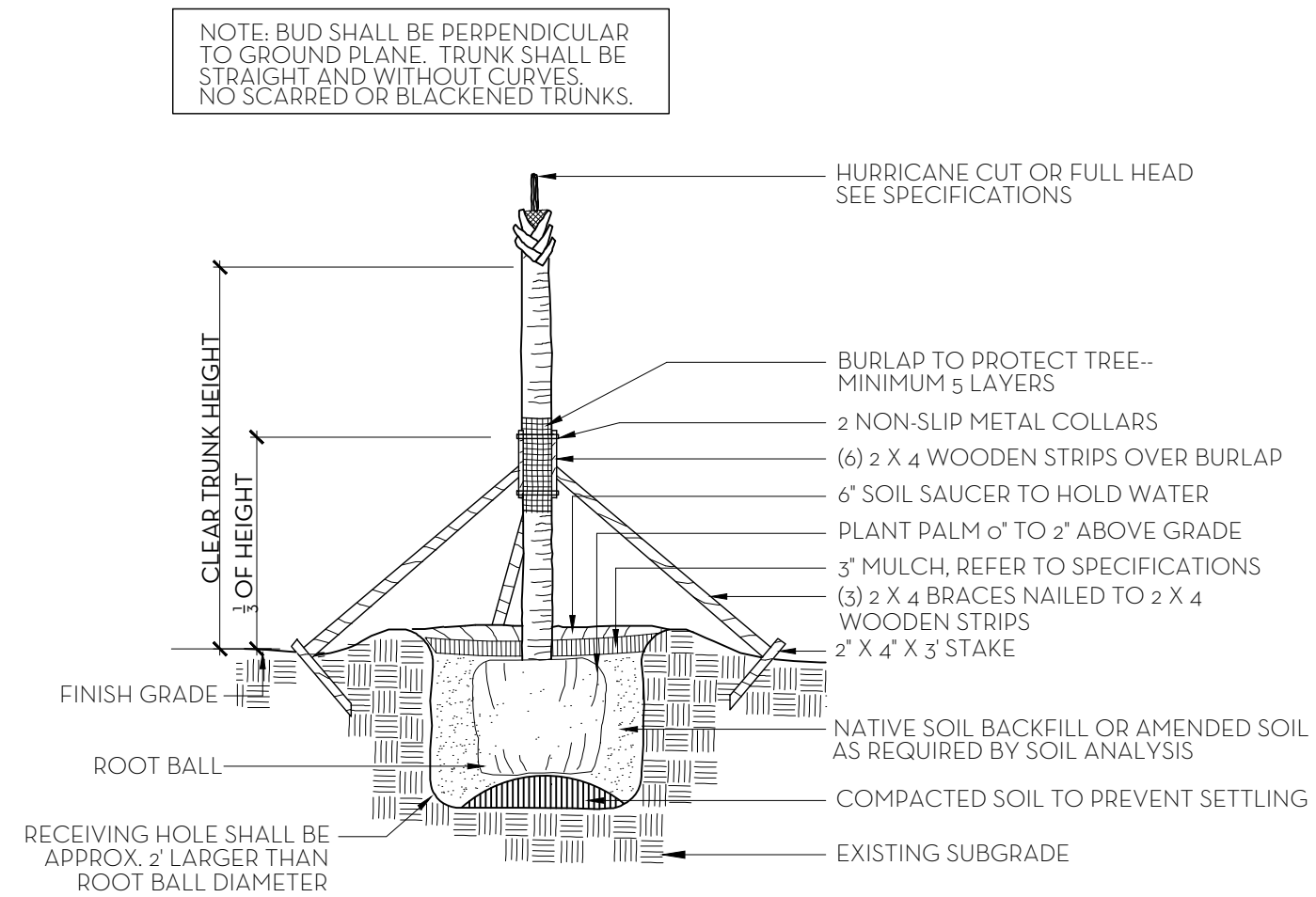
- SOD NOTES:
1. ROUGH GRADE PROVIDED BY CONTRACTOR 4'-5" BELOW GRADE
 2. BAKE AND REMOVE ALL CONSTRUCTION DEBRIS
 3. PRIOR TO LAYING SOD ADD 80% HORTANA AND 20% CANADIAN PEAT, 2" MIN.
 4. AFTER LAYING SOD APPLY NECESSARY PESTICIDES AND FUNGICIDES.
 5. IRRIGATE REGULARLY, REFER TO IRRIGATION DRAWINGS



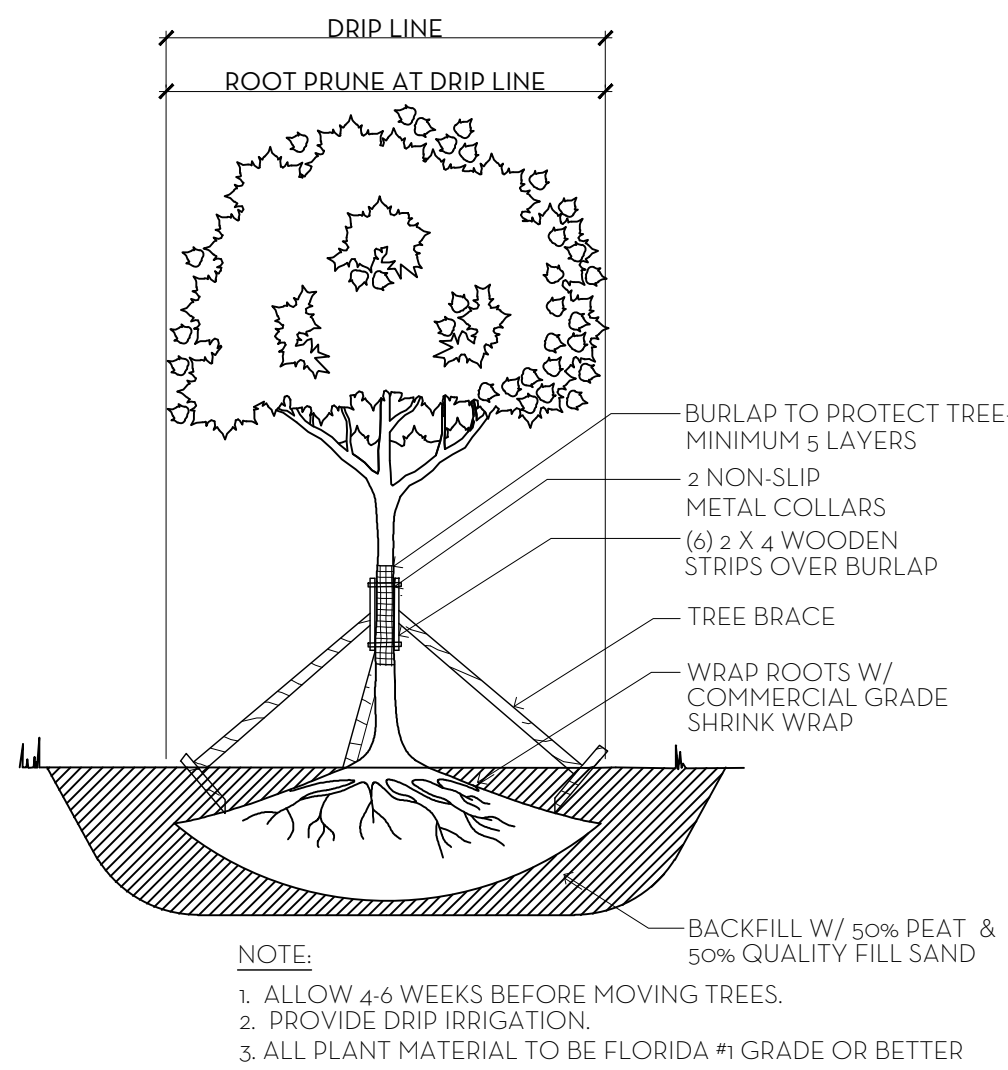
PLANT SPACING DETAIL
N.T.S.



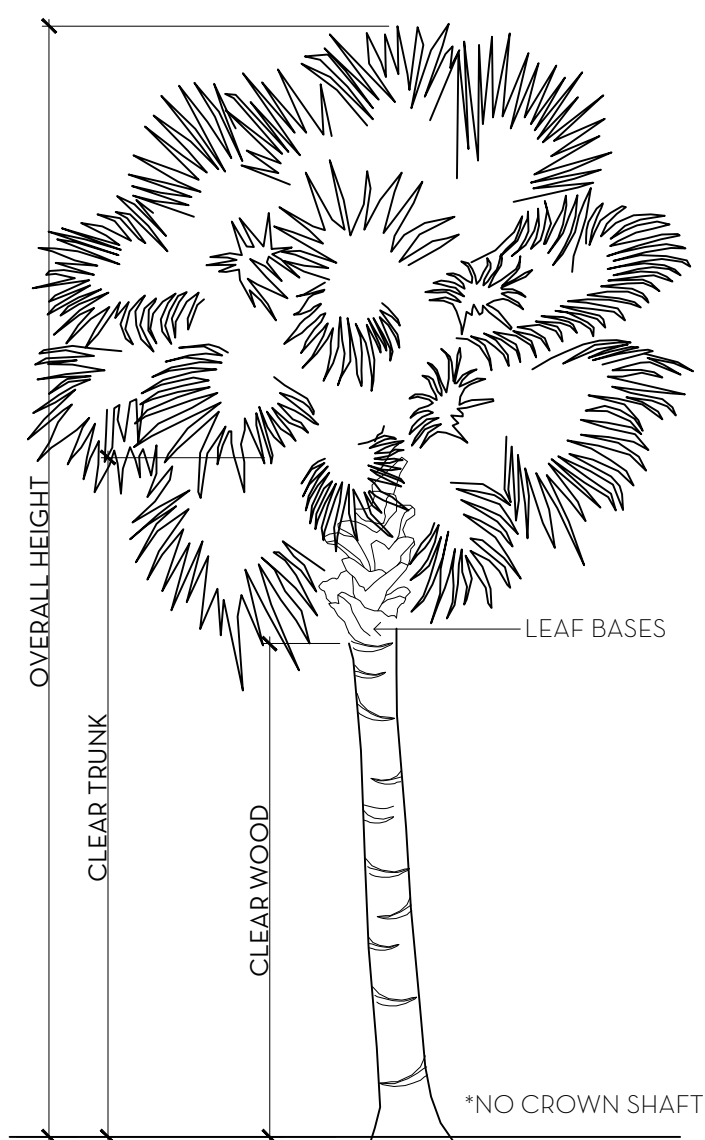
SOD PLANTING DETAIL
N.T.S.



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



TREE ROOT PRUNING DETAIL
N.T.S.



PALM SPECIFICATION DETAIL
N.T.S.

FERTILIZATION

SHRUBS AND TREES

ALL TREES AND SHRUBS SHALL BE FERTILIZED WITH "AGRIFORM" 20-15-5 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.

					Guff Residence
	NIEVERA WILLIAMS DESIGN				144 Chilean Ave, Palm Beach, FL
					November 01, 2022
Landscape Material Schedule					
Item No.	Common Name	Botanical Name	Qty	Native	Specification
TREES					
1	WHITE GEIGER	Cordia boissieri	1		16' HT.
2	GREEN BUTTONWOOD	Conocarpus erectus	4	✓	15' HT.
3	GREEN BUTTONWOOD	Conocarpus erectus	1	✓	18' HT.
4	UGUSTRUM	Ligustrum	2		18' HT.
5	SCREW PINE	Pandanus utilis	1		10' HT.
6	YELLOW TABEBUIA	Tabebuia caraiba	1		20' HT.
7	SEAGRAPE	Coccoloba uvifera	2	✓	16'-18' HT. ARCH
			12	58%	
PALMS					
8	COCONUT PALM	Cocos nucifera	4		14' GW
9	COCONUT PALM	Cocos nucifera	1		16' GW
10	FISHTAIL PALM	Caryota mitis	6		15' HT.
11	FOXTAIL PALM	Wodyetia bifurcata	5		12' GW
12	SABAL PALM	Sabal palmetto	4	✓	12' - 14' CT.
13	SABAL PALM	Sabal palmetto	4	✓	6' CT.
14	SILVER SAW PALMETTO	Serenoa repens	4	✓	3 GAL. @ 12" O.C.
15	ALEXANDER PALM	Ptychosperma elegans	3		10' CT.
			31	39%	
HEDGE/SHRUB					
16	ARECA PALM	Dypsis lutescens	20		15' HT.
17	RHAPIS		6		6' HT.
18	COCOPLUM	Chrysobalanus icaco	44	✓	4' HT. FTB @ 24" O.C.
19	GREEN COCOPLUM	Chrysobalanus icaco	21	✓	8' HT. FTB @ 48" O.C.
20	DOMBEYA	Dombeya	43		3 GAL. @ 18" O.C.
21	DWARF ICE PINK OLEANDER	Nerium oleander	8		7 GAL. @ 18" O.C.
22	GREEN BUTTONWOOD	Conocarpus erectus	41	✓	12' HT FTB @ 36" O.C
23	HIBISCUS	Hibiscus	1		5' HT. STD
24	HIBISCUS	Hibiscus	24		3 GAL. @ 12" O.C.
25	SMALL LEAF CLUSIA	Clusia guttifera	17		12' HT FTB @ 36" O.C
26	WALTER VIBURNUM	Viburnum coccineum	11		3 GAL. @ 18" O.C.
27	PODOCARPUS	Podocarpus macrophyllus	6		10' HT. @ 36" O.C.
			242	44%	
GROUND COVER/VINES					
28	YELLOW ALLAMANDA	Pentstemon luteum	8	✓	3 GAL. @ 18" O.C.
29	BEACH CREEPERS	Ernodes littoralis	74	✓	3 GAL. @ 12" O.C.
30	BOUGAINVILLEA	Bougainvillea	8		14' HT ESP
31	BOUGAINVILLEA BUSH	Bougainvillea	51		7 GAL. 18" O.C.
32	CONFEDERATE JASMINE	Trachelospermum jasminoides	7		8' HT ESP
33	MINI CLUSIA	Clusia rosea 'Nana'	32		3 GAL. @ 12" O.C.
34	PODOCARPUS PRINGLE	Podocarpus macrophyllus 'Pringles'	10		24" HT. @ 16" O.C.
35	BEGONIA	Begonia odorata 'Alba'	8		3 GAL. @ 18" O.C.
36	DWARF ELEPHANT EAR	Alocasia sp.	11		3 GAL. @ 18" O.C.
37	MINIMA	Trachelospermum asiaticum	23		TRAYS
			232	35%	
SOD					
38	ZOYSIA	Contractor to (VIF)			



Town of Palm Beach
Planning Zoning and Building
360 S County Rd
Palm Beach, FL 33480
www.townofpalmbeach.com

Landscape Legend		
Line #	Property Address:	144 Chilean Avenue
1	Required	Proposed
4		
5	Lot Size (sq ft)	10,000
6	Landscape Open Space (LOS) (Sq Ft and %)	4,500 (45%) 4,533 (45.33%)
7	Perimeter LOS (Sq Ft and %)	2,250 (50%) 2,969 (65.97%)
8	Front Yard LOS (Sq Ft and %)	800 (40%) 1,087 (54.35%)
9	Native* Trees %	35% 58%
10	Native* Palms %	35% 39%
11	Native* Shrubs %	35% 44%
12	Native* Vines / Ground Cover %	35% 35%

*To determine appropriate native vegetation, the Institute for Regional Conservation ("IRC"), Natives for Your Neighborhood guide shall be used.

This table shall be included on the landscape species index sheet as prepared by a licensed landscape architect

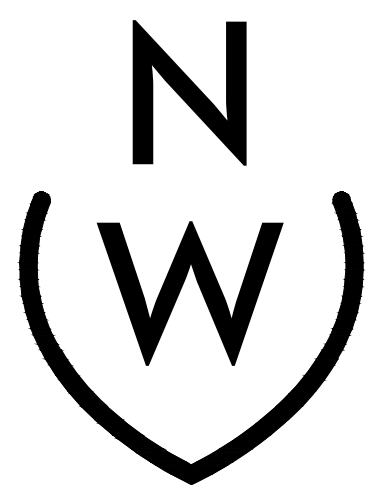
REV BF 20220304

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PLANT LIST AND DETAILS
GUFF RESIDENCE
144 CHILEAN AVENUE, PALM BEACH, FLORIDA

03 NOVEMBER 2022
29 AUGUST 2022



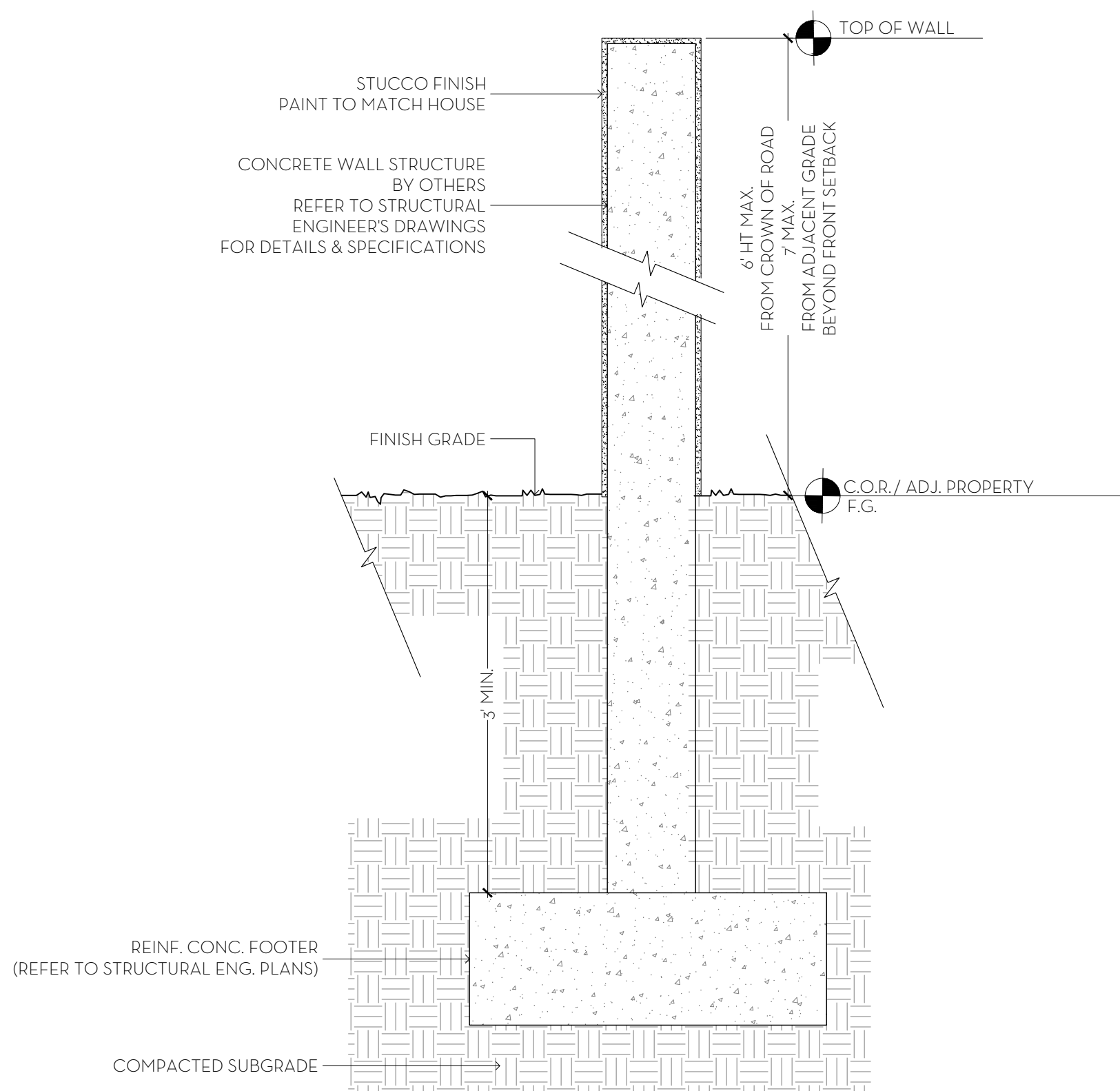
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DESIGN

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LP2

ARC-22-213
ZON-22-139



1 SITE WALL DETAIL- SECTION (TYP.)
D1 SCALE: 1" = 1'-0"

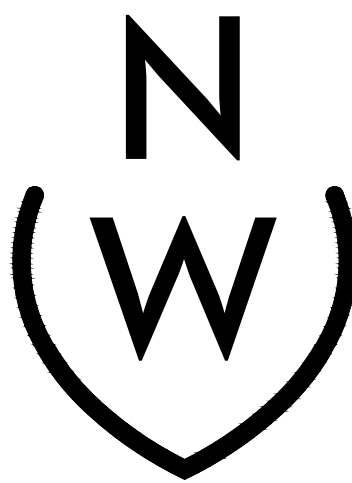
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SITE WALL DETAILS
GUFF RESIDENCE
144 CHILEAN AVENUE, PALM BEACH, FLORIDA

SCALE: AS LISTED

02 NOVEMBER 2022
29 AUGUST 2022



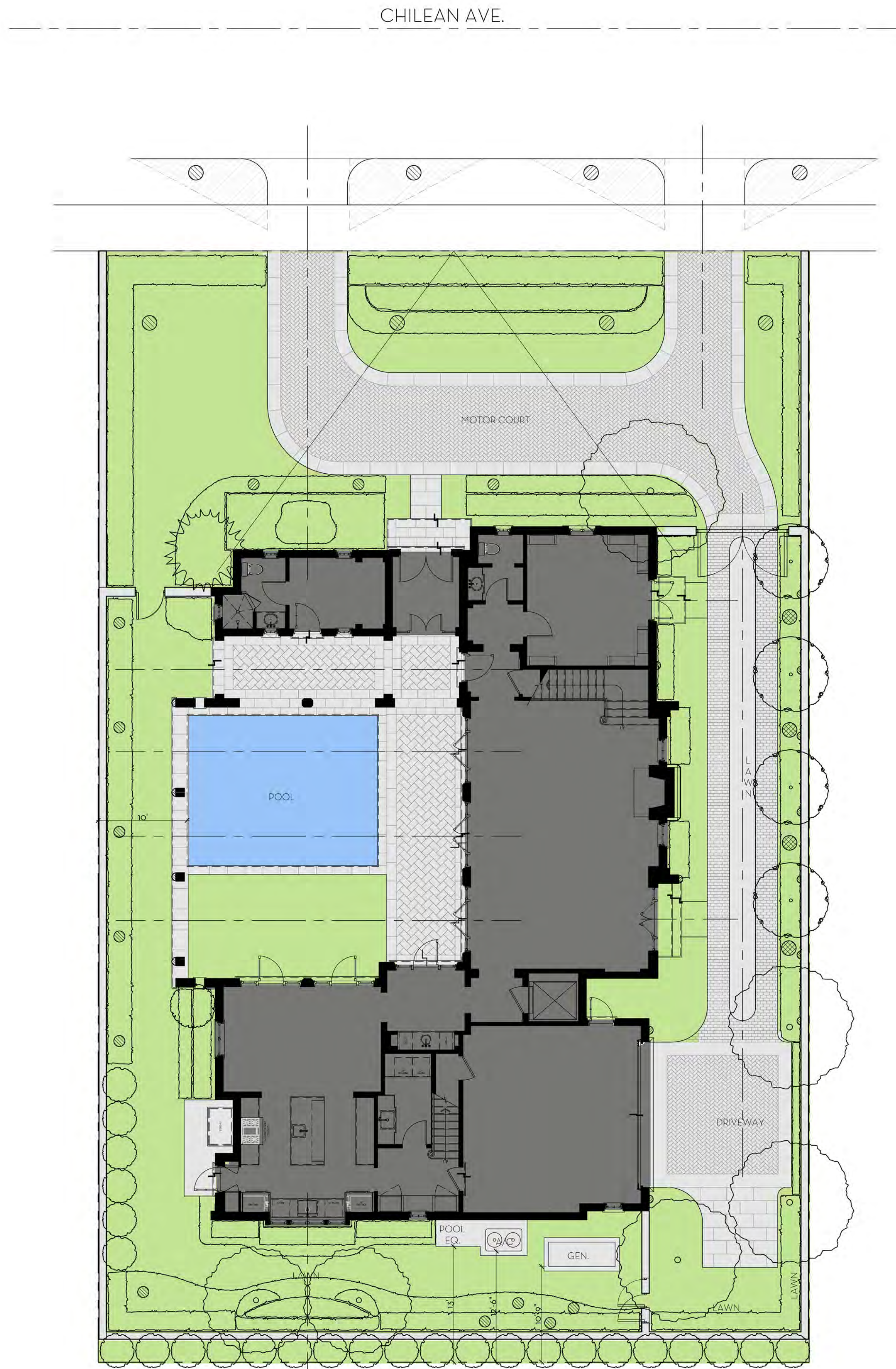
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D1

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OVERALL R-B SITE CALCULATIONS:

SITE AREA =	10,000	SQ FT	100%
MINIMUM LANDSCAPE:			
REQUIRED =	4,500	SQ FT	45%
PROPOSED =	4,533	SQ FT	45.33%

FRONT SETBACK SITE CALCULATIONS:

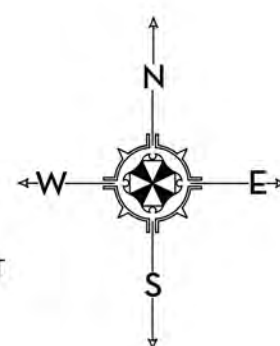
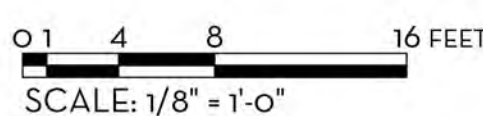
25' SETBACK AREA =	2,000	SQ FT	100%
MINIMUM LANDSCAPE:			
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PROPOSED =	1,087	SQ FT	54.35%

10' PERIMETER SITE CALCULATIONS:

PERIMETER AREA =	3,700	SQ FT	
MINIMUM LANDSCAPE:			
(50% OF 4,500 SF) = 2,250 SF REQUIRED			
PROPOSED =	2,969	SQ FT	

OPEN SPACE LEGEND

LANDSCAPE	
HARDSCAPE	
WATER	
HOUSE	



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OPEN SPACE DIAGRAM - OVERALL

GUFF RESIDENCE

144 CHILEAN AVENUE, PALM BEACH, FLORIDA

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

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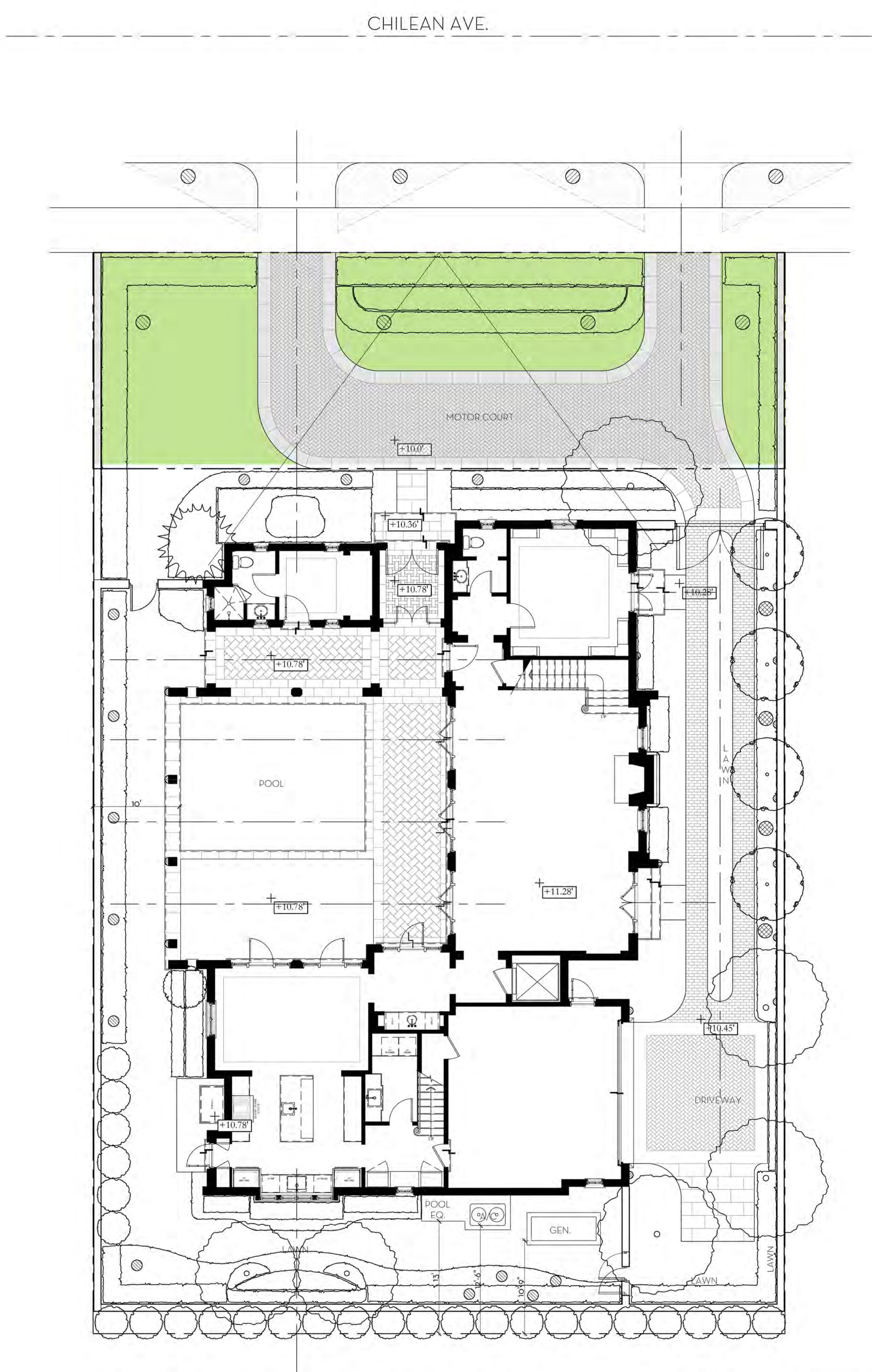
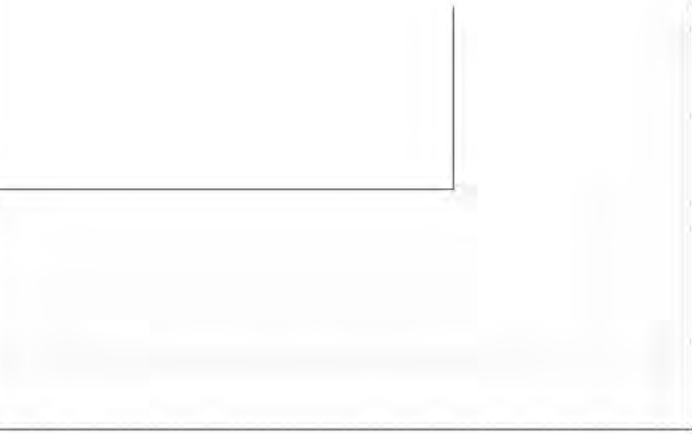


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PROPOSED =	4,533 SQ FT	45.33%

FRONT SETBACK SITE CALCULATIONS:

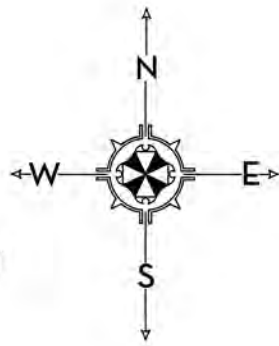
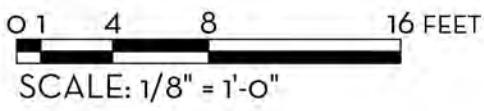
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MINIMUM LANDSCAPE:		
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10' PERIMETER SITE CALCULATIONS:

PERIMETER AREA =	3,700 SQ FT	
MINIMUM LANDSCAPE:		
(50% OF 4,200 SF) = 2,100 SF REQUIRED		
PROPOSED =	2,999 SQ FT	

OPEN SPACE LEGEND

LANDSCAPE	[Green Box]
HARDSCAPE	[Grey Box]
WATER	[Blue Box]
HOUSE	[Dark Grey Box]



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OPEN SPACE DIAGRAM - 25' FRONT SETBACK
GUFF RESIDENCE
144 CHILEAN AVENUE, PALM BEACH, FLORIDA

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

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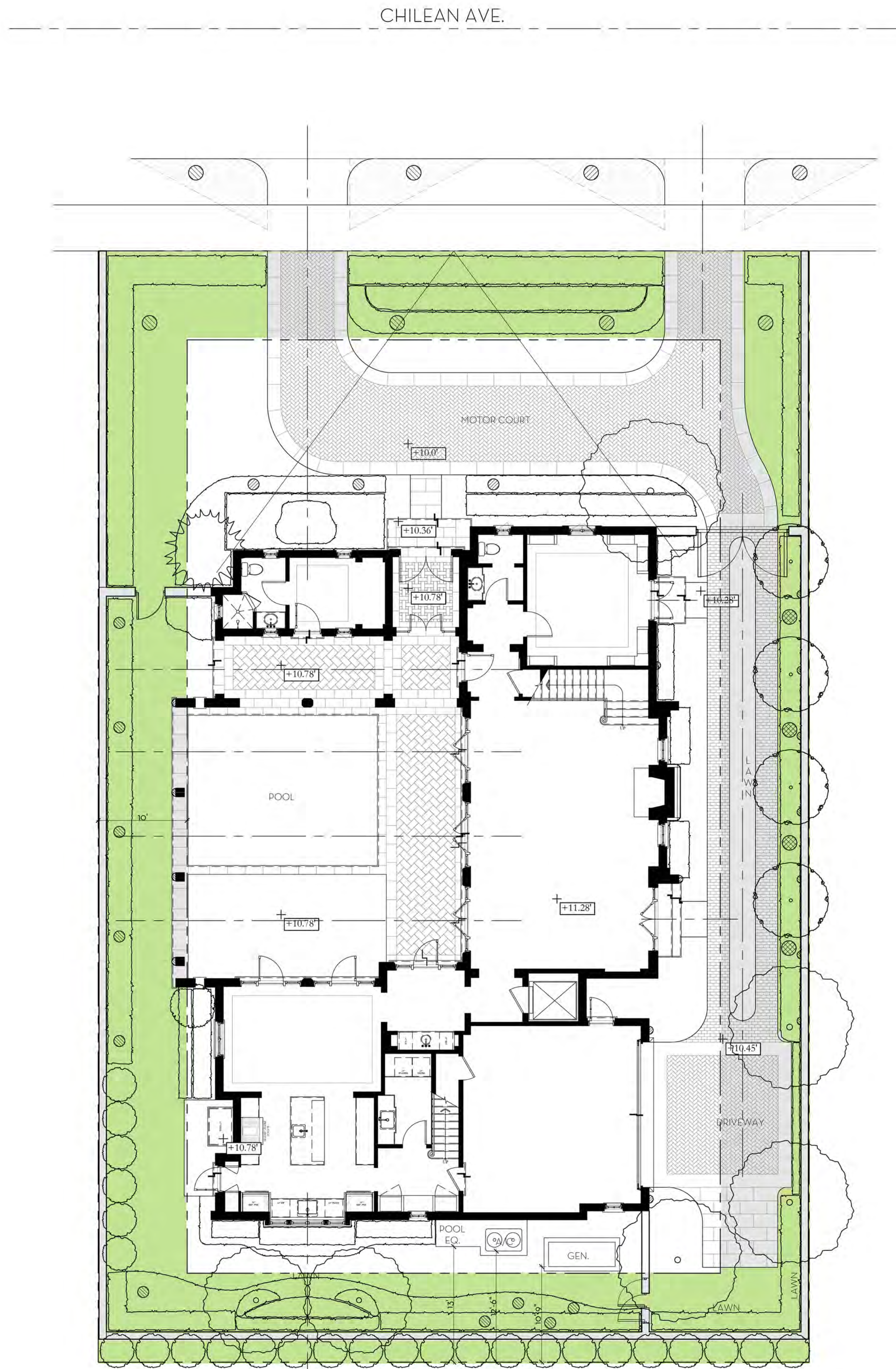
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F: 561-659-2113

NIEVERAWILLIAMS.COM

OS2

ARC-22-213
ZON-22-139



OVERALL R-B SITE CALCULATIONS:

SITE AREA =	10,000 SQ FT	100%
MINIMUM LANDSCAPE:		
REQUIRED =	4,500 SQ FT	45%
PROPOSED =	4,533 SQ FT	45.33%

FRONT SETBACK SITE CALCULATIONS:

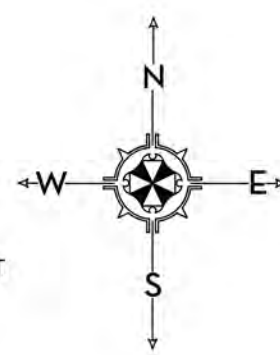
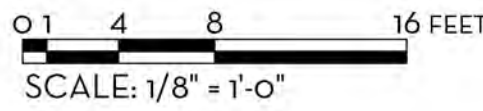
25' SETBACK AREA =	2,000 SQ FT	100%
MINIMUM LANDSCAPE:		
REQUIRED =	800 SQ FT	40%
PROPOSED =	1,087 SQ FT	54.35%

10' PERIMETER SITE CALCULATIONS:

PERIMETER AREA =	3,700 SQ FT	
MINIMUM LANDSCAPE:		
(50% OF 4,200 SF) = 2,100 SF REQUIRED		
PROPOSED =	2,999 SQ FT	

OPEN SPACE LEGEND

LANDSCAPE	
HARDSCAPE	
WATER	
HOUSE	



MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

OPEN SPACE DIAGRAM - 10' PERIMETER SETBACK

GUFF RESIDENCE

144 CHILEAN AVENUE, PALM BEACH, FLORIDA

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

02 NOVEMBER 2022
29 AUGUST 2022

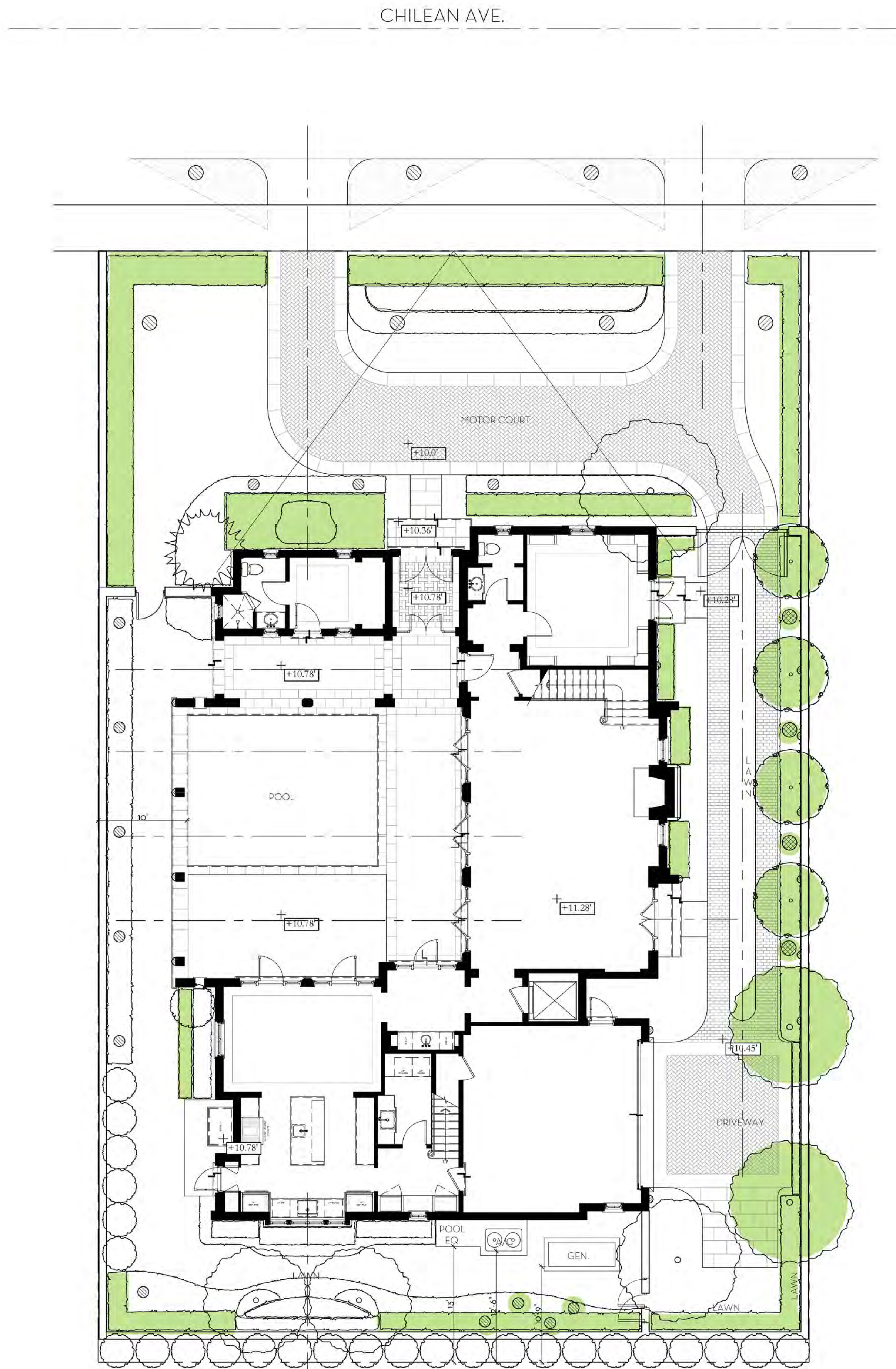


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West Palm Beach, FL 33401
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F: 561-659-2113

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OS3

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OVERALL R-B SITE CALCULATIONS:

SITE AREA =	10,000	SQ FT	100%
MINIMUM LANDSCAPE:			
REQUIRED =	4,500	SQ FT	45%
PROPOSED =	4,533	SQ FT	45.33%

FRONT SETBACK SITE CALCULATIONS:

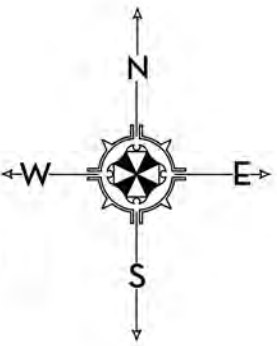
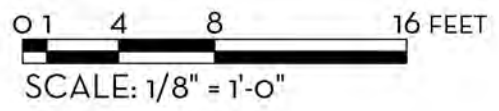
25' SETBACK AREA =	2,000	SQ FT	100%
MINIMUM LANDSCAPE:			
REQUIRED =	800	SQ FT	40%
PROPOSED =	1,087	SQ FT	54.35%

10' PERIMETER SITE CALCULATIONS:

PERIMETER AREA =	3,700	SQ FT	
MINIMUM LANDSCAPE:			
(50% OF 4,500 SF) = 2,250 SF REQUIRED			
PROPOSED =	2,999	SQ FT	

OPEN SPACE LEGEND

LANDSCAPE	
HARDSCAPE	
WATER	
HOUSE	



MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

OPEN SPACE DIAGRAM - NATIVE LANDSCAPE
GUFF RESIDENCE
144 CHILEAN AVENUE, PALM BEACH, FLORIDA

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

02 NOVEMBER 2022
29 AUGUST 2022

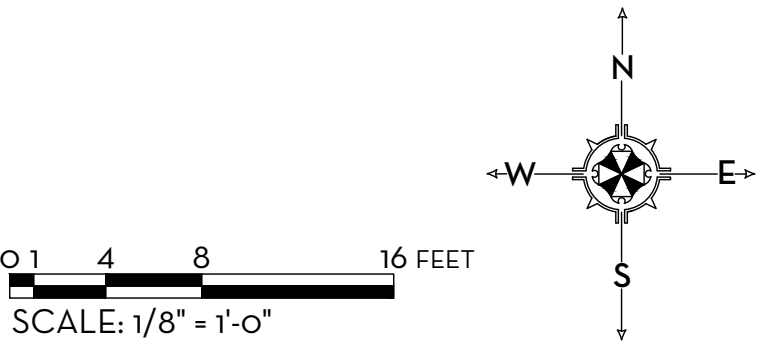
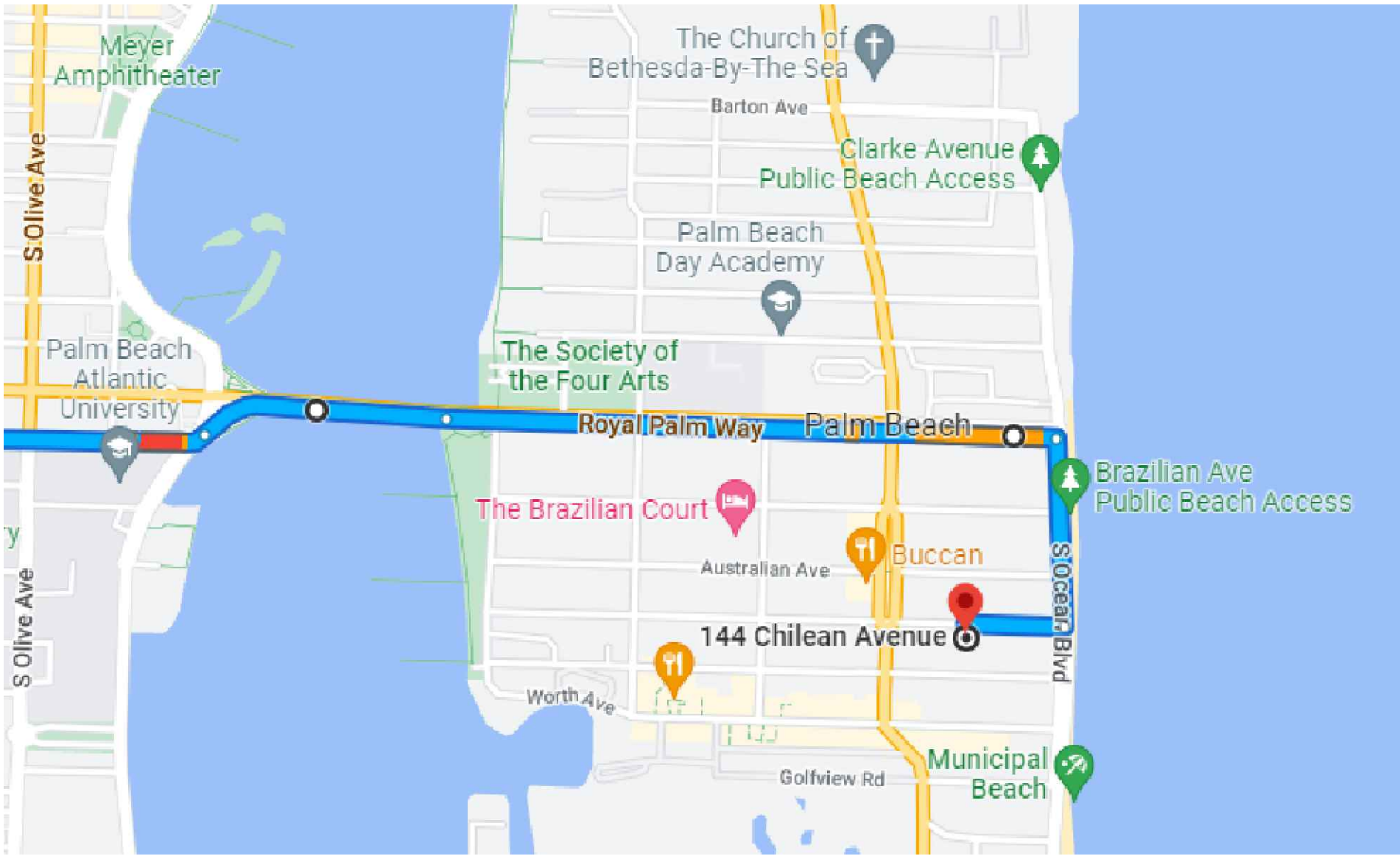
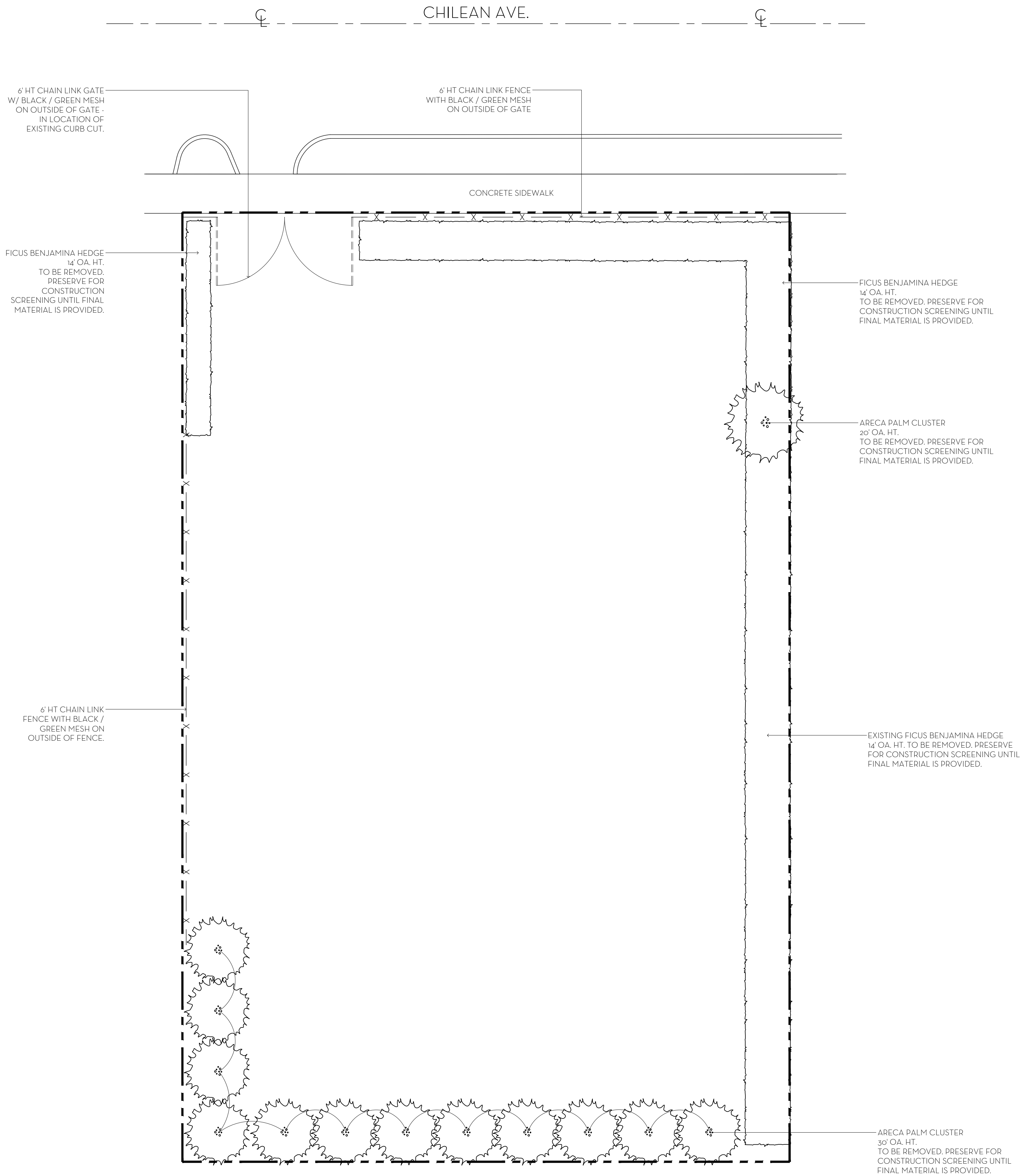


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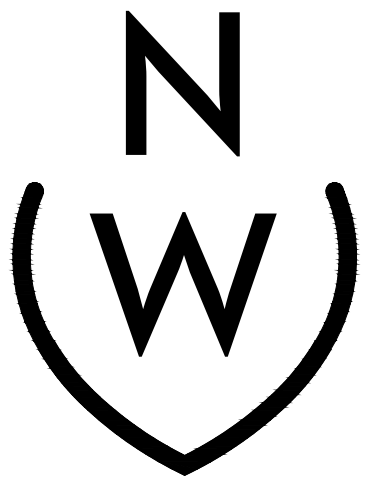
MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

CONSTRUCTION SCREENING PLAN
GUFF RESIDENCE
144 CHILEAN AVENUE, PALM BEACH, FLORIDA

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

02 NOVEMBER 2022
29 AUGUST 2022



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
Suite 502
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

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CSP

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PREVIOUSLY PRESENTED

STORMWATER RETENTION CALCULATIONS

A. SITE INFORMATION

Total Property Area = 10,000 sq.ft.

Drainage Area Impervious Surface = 6,322 sq.ft.

Drainage Area Pervious Surface = 3,678 sq.ft.

B. ESTIMATED STORMWATER RETENTION VOLUME

The retention volume is estimated using the Rational Method (Q=CIA) where:

C = 1.0 (impervious surface)

C = 0.2 (pervious surface)

i = 2 in/hr

Impervious Surface Runoff Volume:

1.0 x 2 in/hr x 6,322 sq.ft. x 1 ft/12 in. = 1,054 cu.ft.

Pervious Runoff Volume:

0.2 x 2 in/hr x 3,678 sq.ft. x 1 ft/12 in. = 123 cu.ft.

Total Volume to be Retained = 1,177 cu.ft.

C. PROPOSED EXFILTRATION TRENCH SIZING

L = Total Length of Trench Provided = 42 ft

W = Trench Width = 12 ft

K = Hydraulic Conductivity = 0.00005 cfs/sq.ft. of head

H2 = Depth to Water Table = 6.00 ft

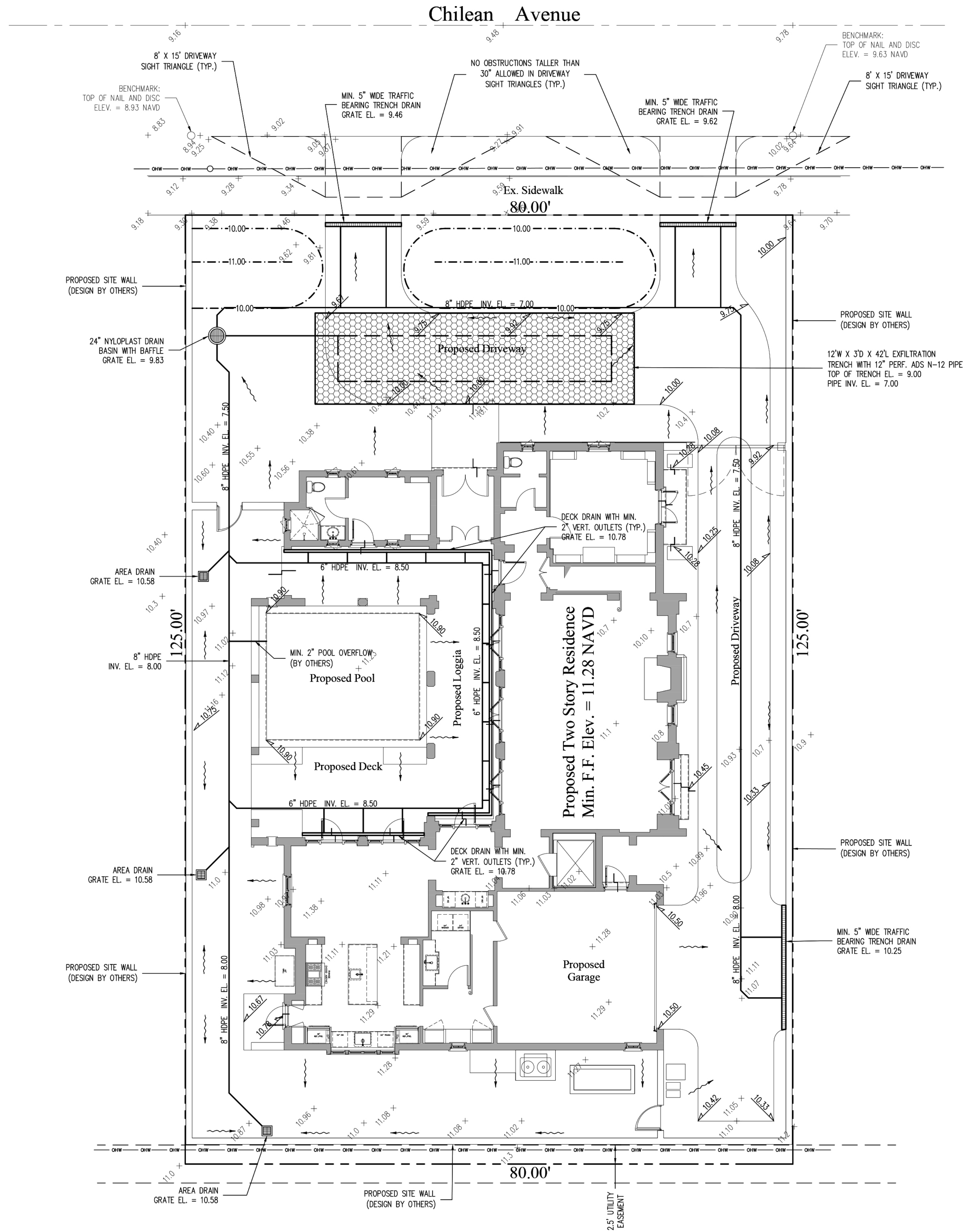
DU = Un-Saturated Trench Depth = 3.00 ft

DS = Saturated Trench Depth = 0.00 ft

V = Volume Treated = 1,517 cu.ft.

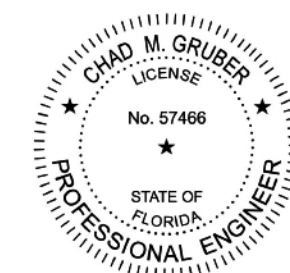
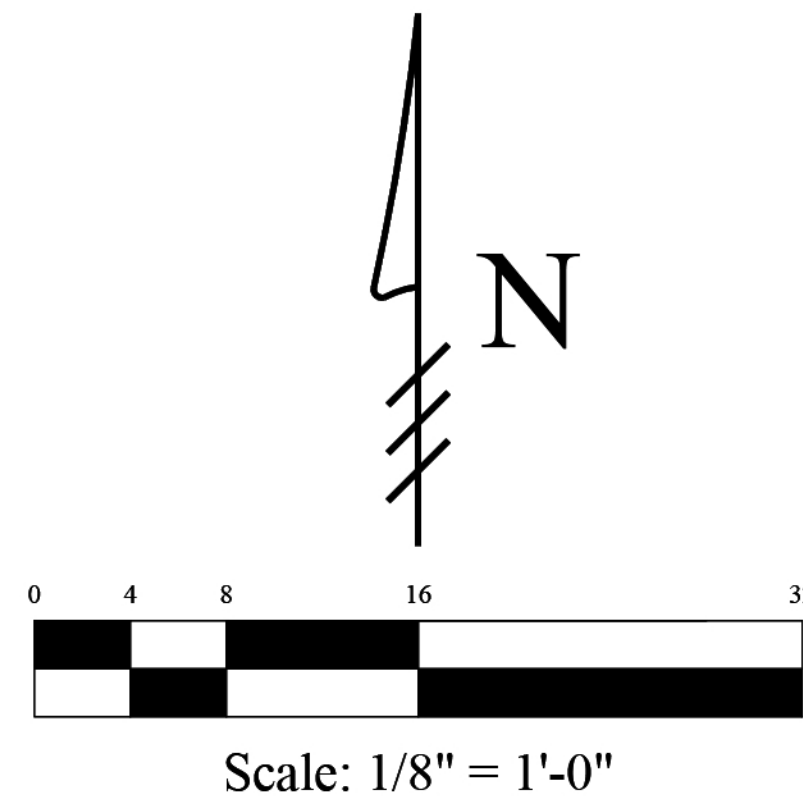
Notes:

- 1) Exfiltration trenches and storm piping to be protected from roots with a root barrier.
- 2) Roof drain downspouts are to be connected to the proposed drainage system. Contractor to provide engineer with downspout locations prior to installation of drainage system.
- 3) Exfiltration trench design uses an assumed value of hydraulic conductivity. Client may obtain a site specific test for hydraulic conductivity prior to exfiltration trench installation.
- 4) Contractor shall mill and overlay all roadway cuts a minimum of 50 ft. on either side of the excavation the entire width of each affected lane.
- 5) Contractor is responsible for installing and maintaining erosion control measures during construction.
- 6) Video inspection of storm drainage system required prior to installation of sod.



Legend

- 5.7 + EXISTING ELEVATION PER WALLACE SURVEYING CORP. (NAVD-88)
- 6.00 PROPOSED ELEVATION (NAVD-88)
- 7.00 PROPOSED ELEVATION CONTOUR (NAVD-88)
- FLOW DIRECTION
- EXFILTRATION TRENCH
- AREA DRAIN
- 24" NYLOPLAST DRAIN BASIN WITH BAFFLE



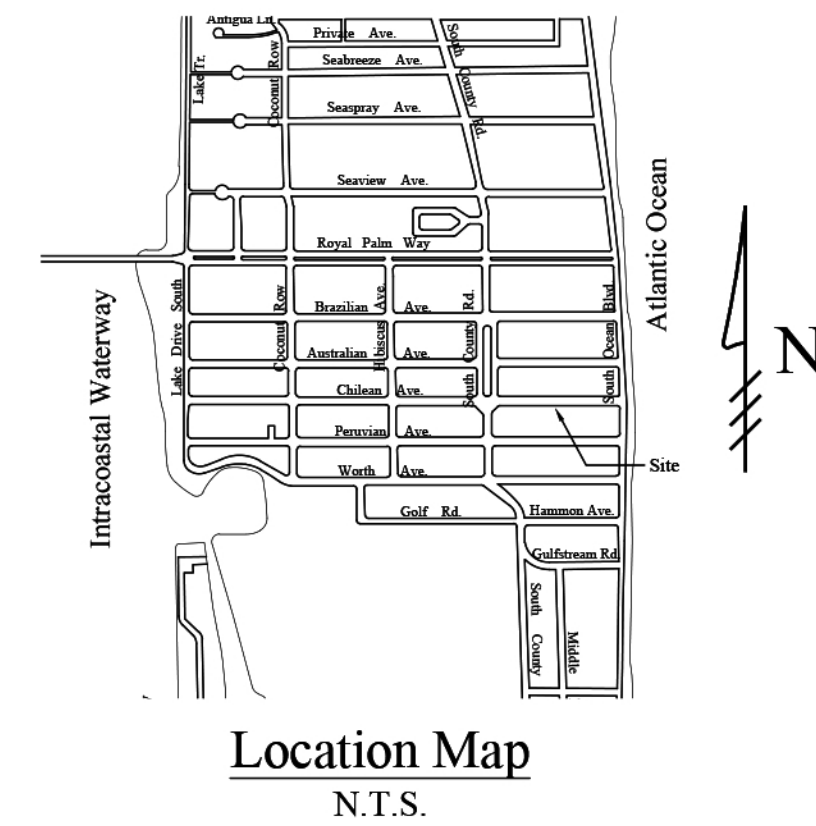
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Plan Background from Hardscape Plan by
Nievera Williams Design Received 8/24/22

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ZON-22-139

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Engineers, Inc.
574 MERCER AVE., SUITE 305
WEST PALM BEACH, FL 33401
PHONE: 561.312.2041
office@gruberengineers.com

Project Information				
Project No.	2022-0092	Issue Date	08/27/2022	Scale
Scale	1/8" = 1'-0"	Drawn By	KM	Checked By
Drawn By	KM	Checked By	CG	

Conceptual Site Grading & Drainage Plan For:
Proposed Residence
144 Chilean Avenue
Palm Beach, Florida

Revisions	
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Chad M. Gruber
FL P.E. No. 57466

Sheet No.
C-1

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.

SUNSHINE AVE. SUITE 305
WEST PALM BEACH, FL 33401
PHONE: 561.312.2041
office@gruberengineers.com

Project Information				
Project No.	2022-0092	Issue Date	08/27/2022	Scale
Scale	1/8" = 1'-0"	Drawn By	KM	Checked By
CG				

Conceptual Site Grading & Drainage Plan For:

Proposed Residence

Palm Beach, Florida

144 Chilean Avenue

Revisions

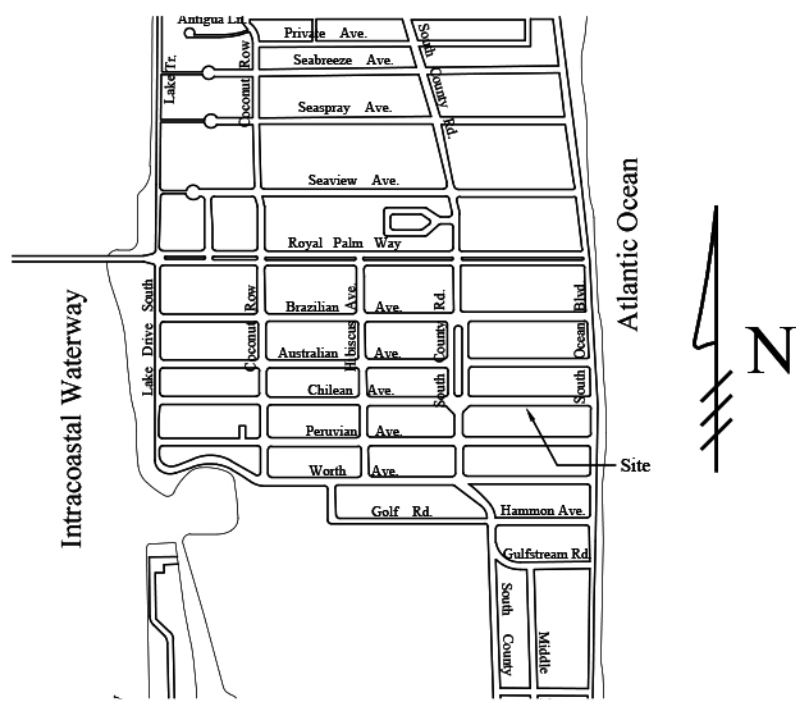
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FL P.E. No. 57466

Sheet No.

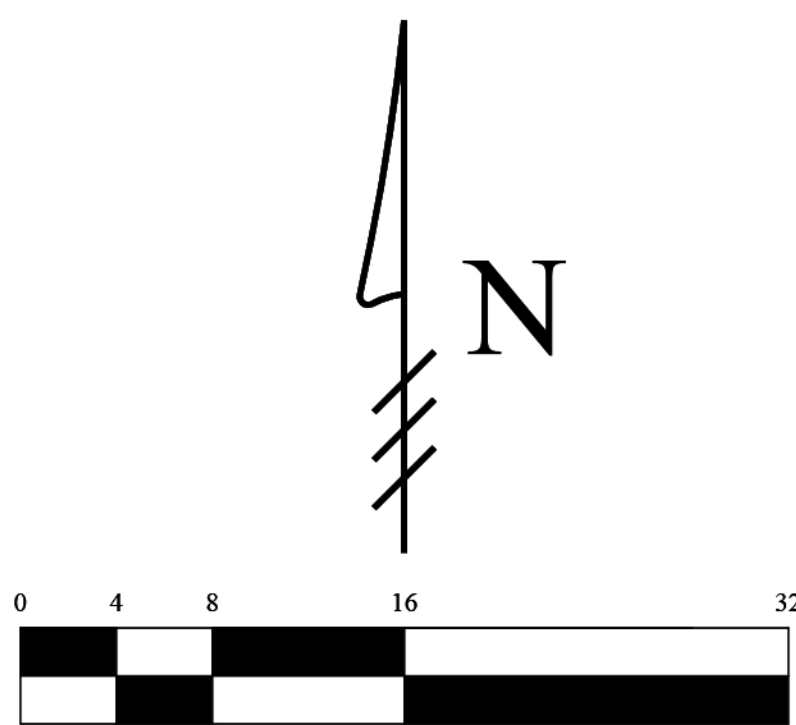
C-1



Location Map
N.T.S.

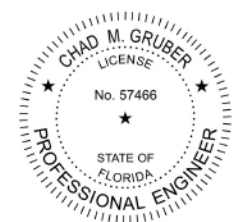
Legend

- 5.7 +
6.00
EXISTING ELEVATION PER
WALLACE SURVEYING CORP. (NAVD-88)
- PROPOSED ELEVATION (NAVD-88)
- 7.00--- PROPOSED ELEVATION CONTOUR (NAVD-88)
- FLOW DIRECTION
- EXFILTRATION TRENCH
- AREA DRAIN
- 24" NYLOPLAST DRAIN BASIN
WITH BAFFLE



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

11/02/22 UPDATE PLAN BACKGROUND; ADJUST
PROPOSED GRADING AND DRAINAGE



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11:11:42 -04'00'

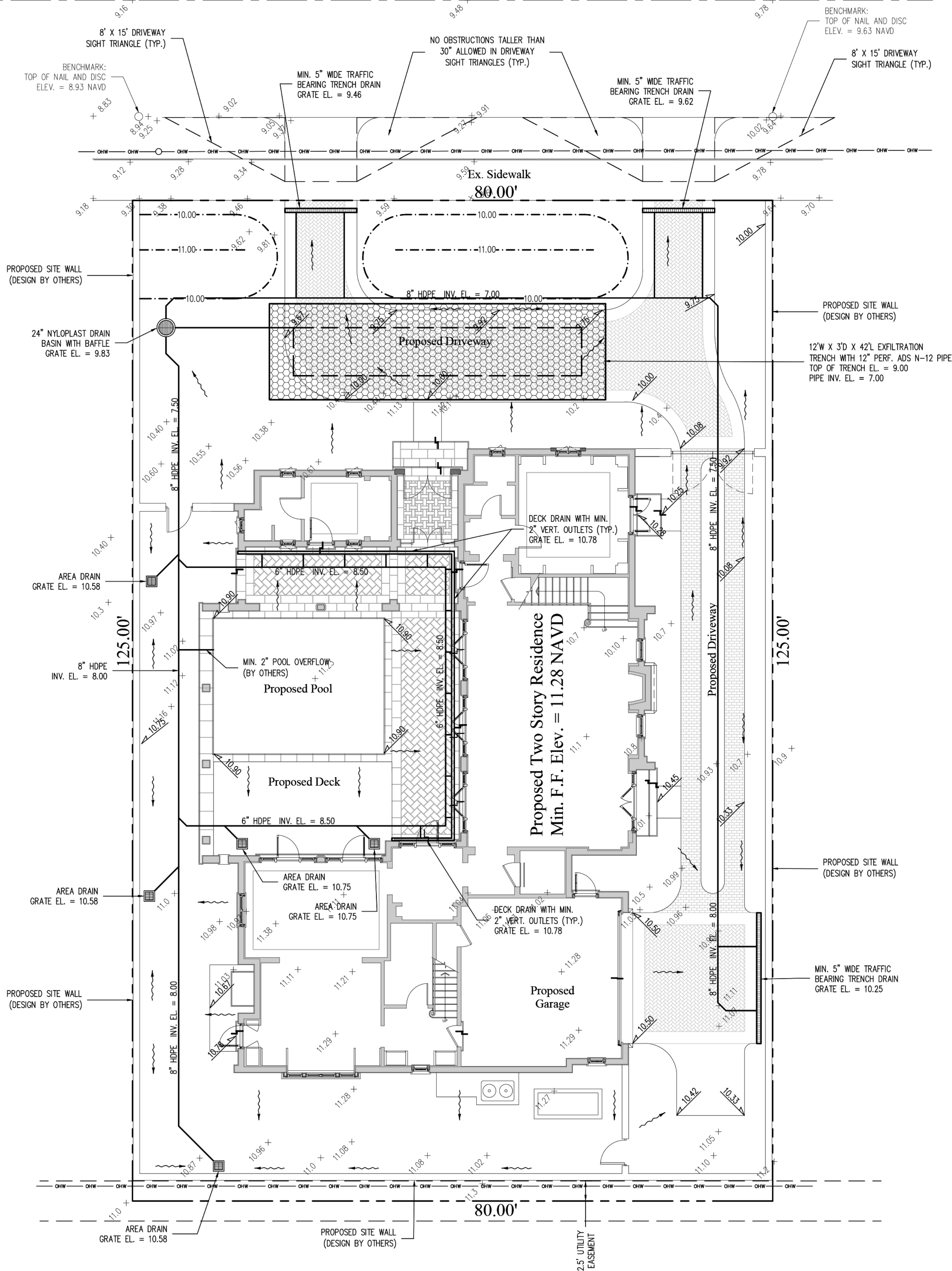
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Chilean Avenue



STORMWATER RETENTION CALCULATIONS

A. SITE INFORMATION

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Drainage Area Pervious Surface = 3,678 sq.ft.

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where:

C = 1.0 (impervious surface)

C = 0.2 (pervious surface)

i = 2 in/hr

Impervious Surface Runoff Volume:

1.0 x 2 in/hr x 6,322 sq.ft. x 1 ft/12 in. = 1,054 cu.ft.

Pervious Runoff Volume:

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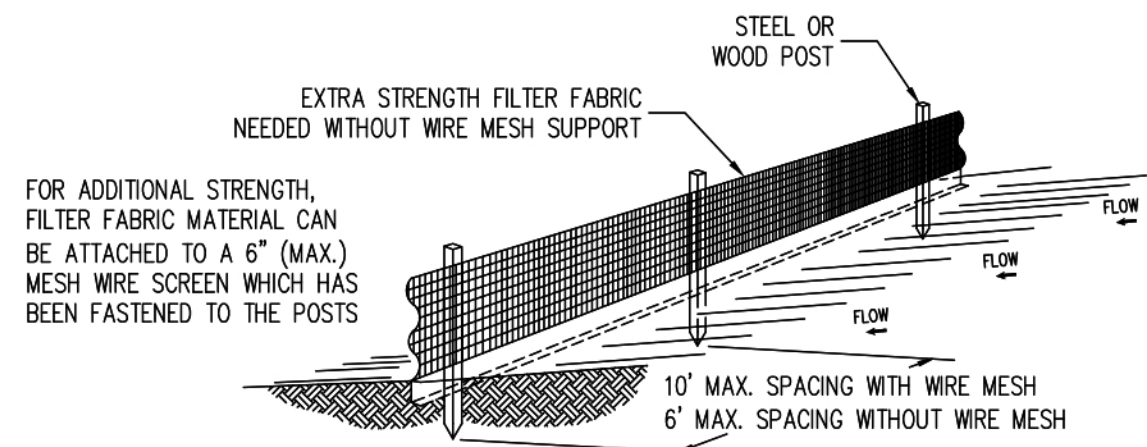
C. PROPOSED EXFILTRATION TRENCH SIZING

L	=	Total Length of Trench Provided	=	42	ft
W	=	Trench Width	=	12	ft
K	=	Hydraulic Conductivity	=	0.00005 cfs/sq.ft. of head	
H2	=	Depth to Water Table	=	6.00	ft
DU	=	Un-Saturated Trench Depth	=	3.00	ft
DS	=	Saturated Trench Depth	=	0.00	ft
V	=	Volume Treated	=	1,517	cu.ft.

Notes:

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- Video inspection of storm drainage system required prior to installation of sod.

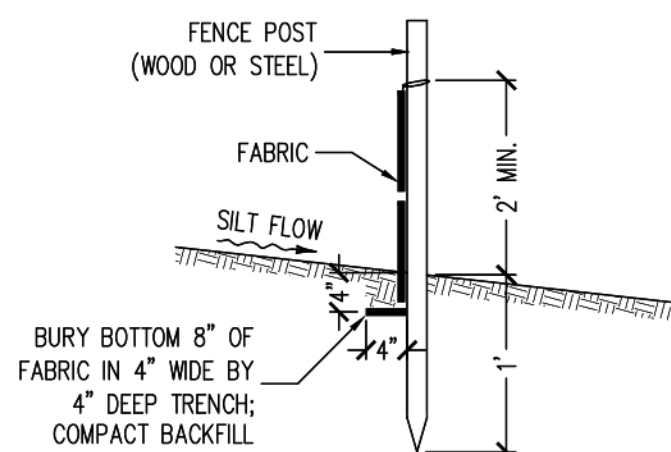
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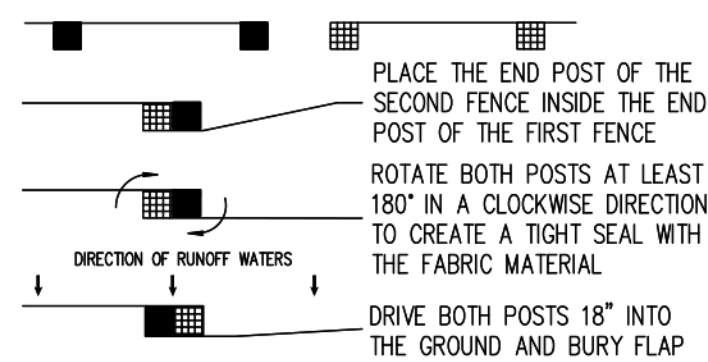
Notes:

- 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.



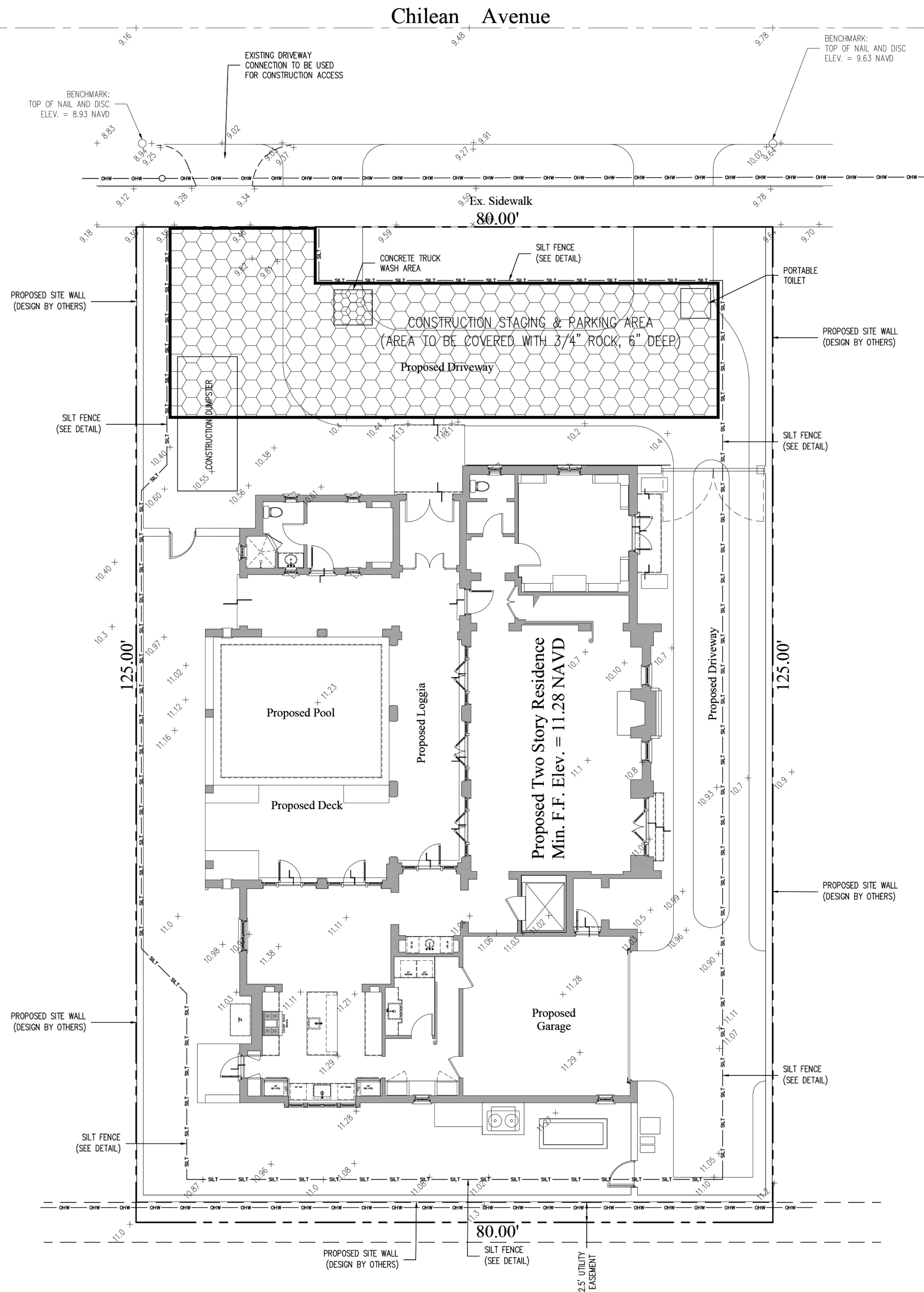
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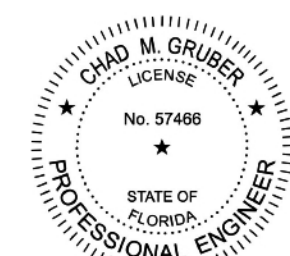
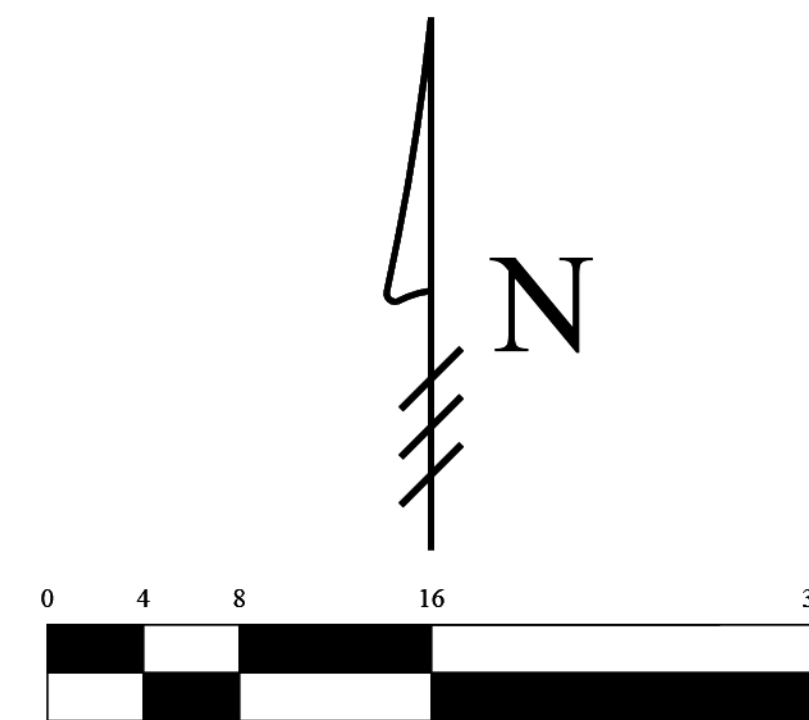
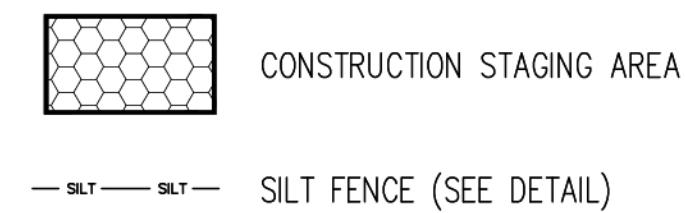
ATTACHING TWO SILT FENCES N.T.S.

Notes:

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- 2) Contractor to investigate condition of existing sewer service prior to building permit submittal. If existing service is cast iron, or in poor condition, service will be replaced to main per Town of Palm Beach standards.



Legend



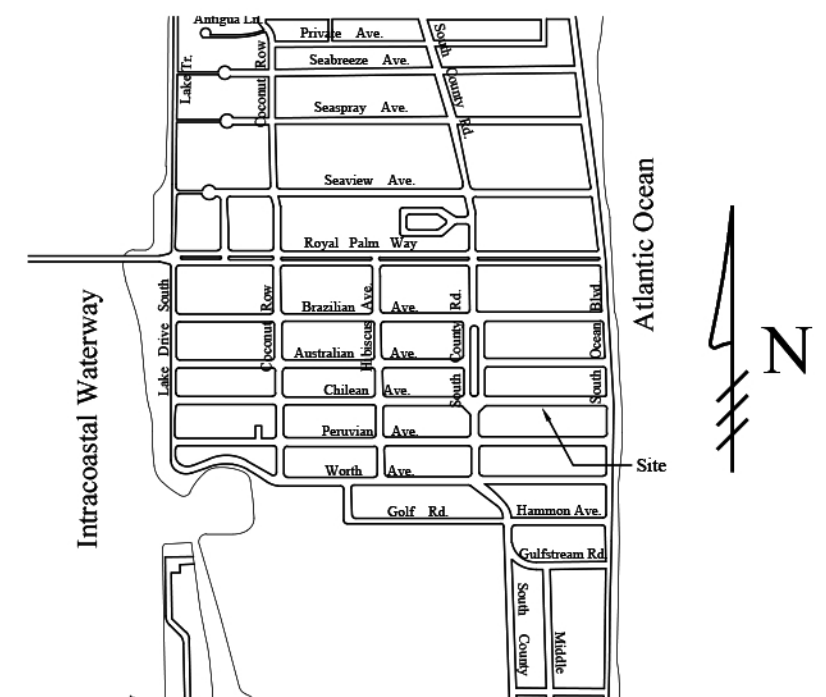
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Location Map N.T.S.



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PHONE: 561.312.2041
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Project Information				
Project No.	2022-0092	Issue Date	08/27/2022	Scale
Scale	1/8" = 1'-0"	Drawn By	KM	Checked By
			CG	

Conceptual Construction Staging & Parking and Erosion Control Plan For:

Proposed Residence

Palm Beach, Florida

144 Chilean Avenue

Revisions

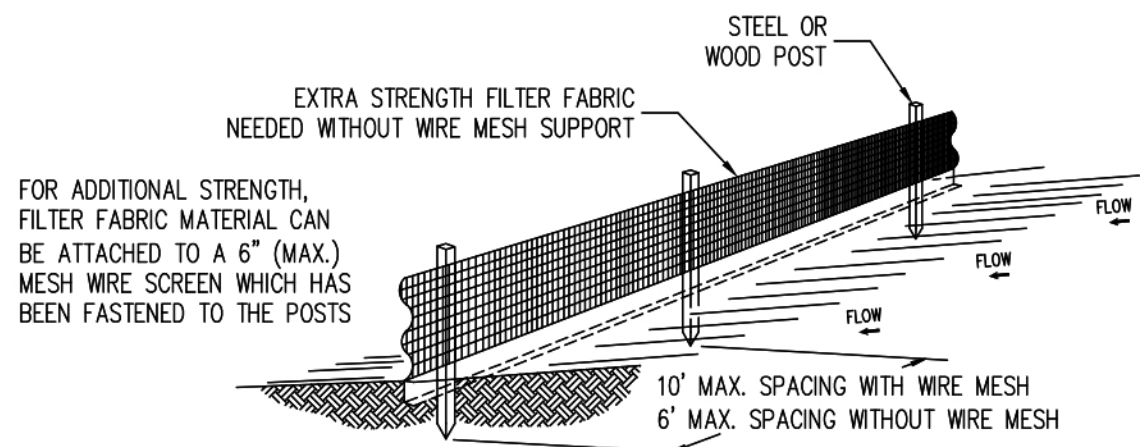
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Chad M. Gruber

FL P.E. No. 57466

Sheet No.

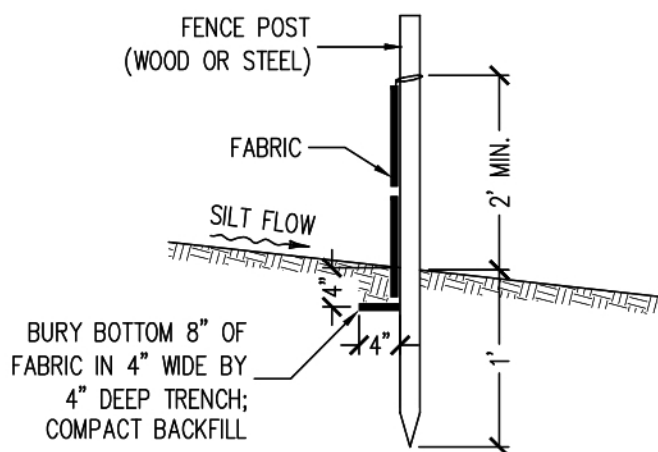
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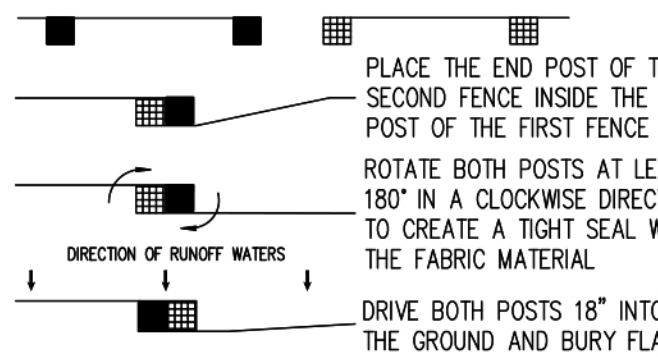
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SILT FENCE DETAIL N.T.S.



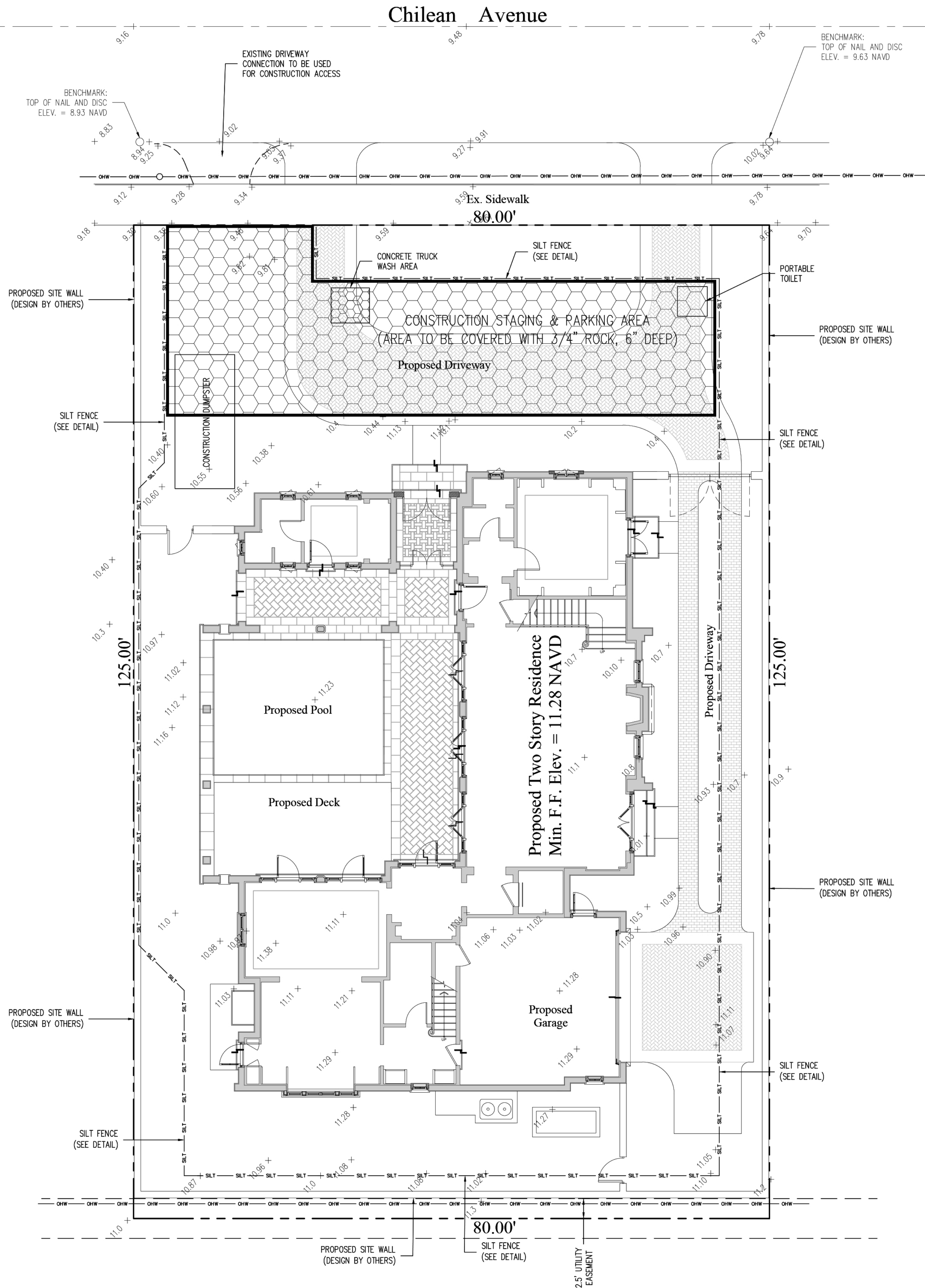
SILT FENCE SECTION N.T.S.



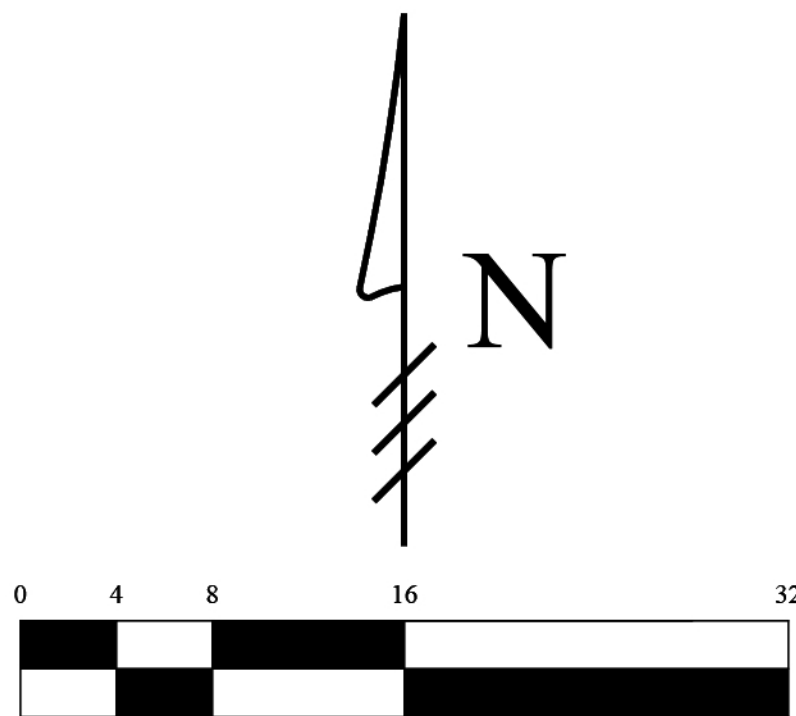
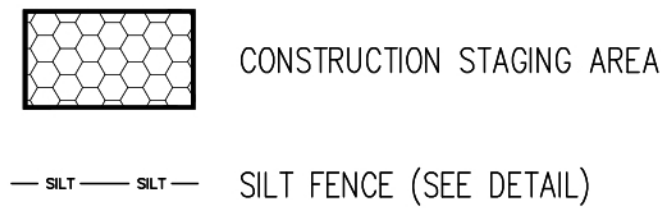
ATTACHING TWO SILT FENCES N.T.S.

Notes:

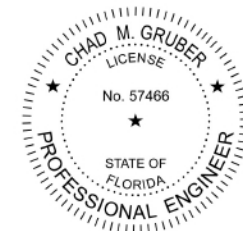
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Legend



11/02/22 UPDATE PLAN BACKGROUND



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11:11:10 -04'00'

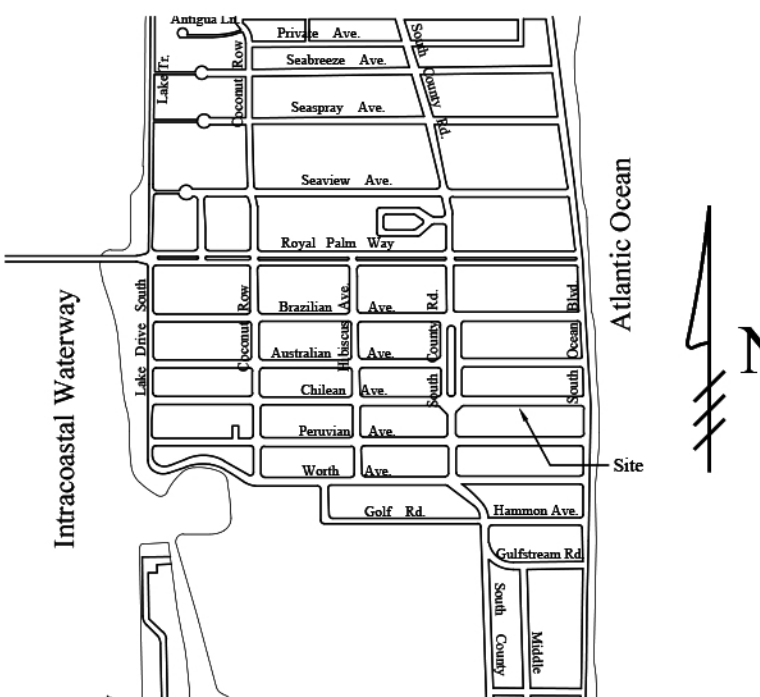
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Plan Background from Hardscape Plan by
Nievera Williams Design Received 8/24/22

ARC-22-213
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Location Map N.T.S.



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

Project Information				
Project No.	2022-0092	Issue Date	08/27/2022	Scale
Scale	1/8" = 1'-0"	Drawn By	KM	Checked By
			CG	

Conceptual Construction Staging & Parking and Erosion Control Plan For:

Proposed Residence

144 Chilean Avenue
Palm Beach, Florida

Revisions

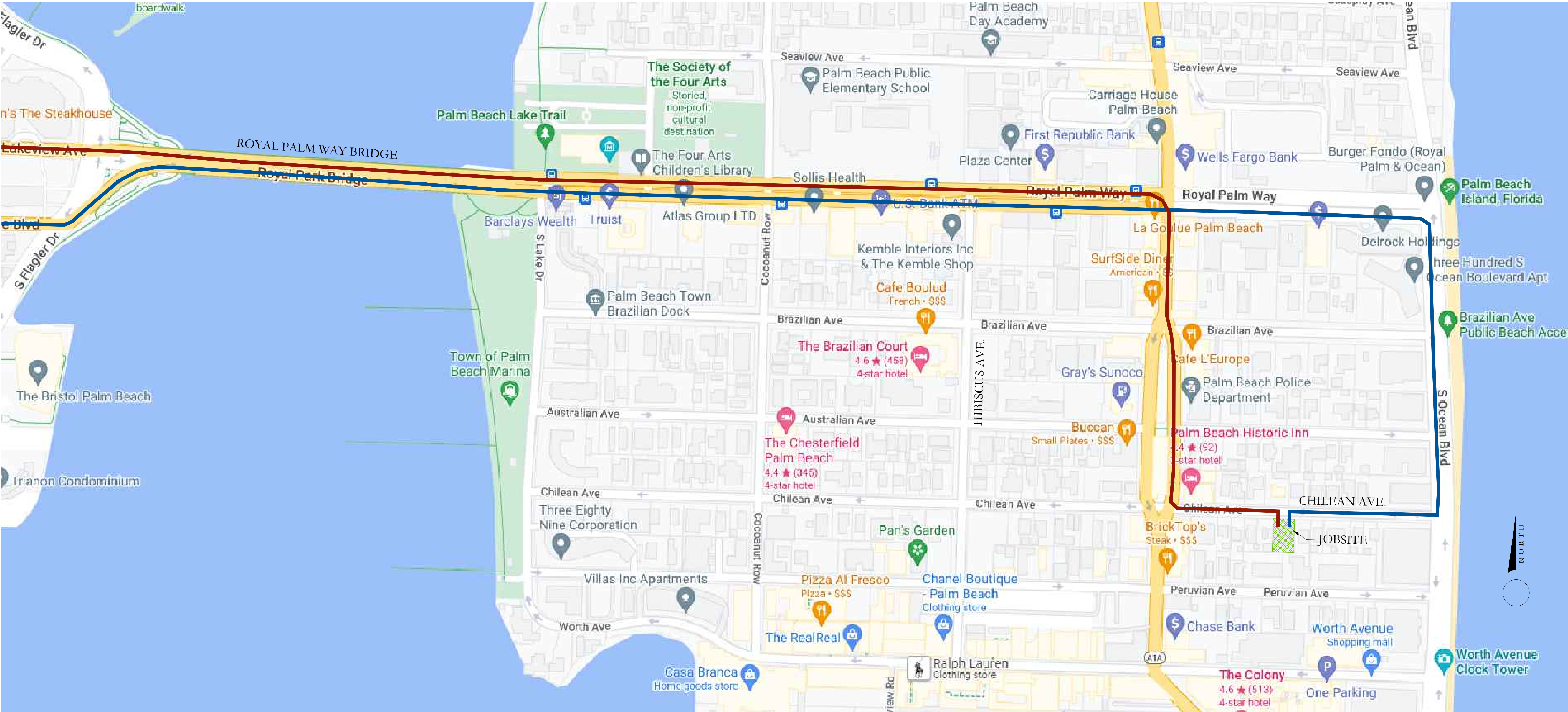
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Chad M. Gruber

FL P.E. No. 57466

Sheet No.

EC-1



1 PROPOSED TRUCK INGRESS/EGRESS ROUTES MAP
N.T.S.

MAXIMUM VEHICLE SIZE ABLE TO
BE ACCOMMODATED ON SITE:

18-FOOT DUMP TRUCK

PROPOSED INGRESS TRUCK ROUTE

PROPOSED EGRESS TRUCK ROUTE

ROUGH SCHEDULE OF CONSTRUCTION W/ MAJOR BENCHMARKS :

TASK:	DURATION (IN MONTHS):
SITE PREPARATION	1
FOUNDATIONS	1
BLOCK DELIVERIES & CONCRETE POURS	2
ROOF TRUSS DELIVERIES & TRUSS SETTING	1
WINDOW/DOOR DELIVERIES & INSTALLATION	0.5
DRY-IN	0.5
INTERIOR FRAMING	1
ROUGH-IN	2
DRYWALL	2
FINISHES	4
LANDSCAPE/HARDSCAPE INSTALLATION	2
FINAL INSPECTIONS	1
TOTAL PROPOSED CONSTRUCTION TIME (FOLLOWING ISSUANCE OF BUILDING PERMIT):	18 mos.

ESTIMATE OF NO. OF TRUCKS VISITING
JOBSITE OVER LIFE OF CONSTRUCTION:

x	5 WORKING DAYS/WEEK (AVG.)
x	50 WORK WEEKS/YEAR (AVG.)
x	1.5 YEAR (18 MO) SCHEDULE (PROPOSED)
=	375 TOTAL WORK DAYS (PROPOSED)
x	7 TRUCKS/DAY (AVG.)
x	2 TRIPS/DAY (INGRESS & EGRESS)
=	14 TRUCK TRIPS/DAY (AVG.)
x	375 TOTAL WORK DAYS (PROP.)
x	14 TRUCK TRIPS/DAY (AVG.)
=	5,250 TOTAL TRUCK TRIPS OVER LIFE OF PROJECT (EST.)

DRC FINAL SUBMITTAL - REV. A	11/02/2022
DRC FINAL SUBMITTAL SET	08/29/2022
DRC FIRST SUBMITTAL SET	08/08/2022
DRC PRE-APP MEETING SET	07/25/2022

ARCOM
CASE #:
ARC-22-213

ZONING
CASE #:
ZON-22-139

GUFF
RESIDENCE
144 CHILEAN AVE.
PALM BEACH, FLORIDA

SHEET TITLE
TRUCK LOGISTICS PLAN &
SCHEUDLE OF CONSTRUCTION

DATE NOV. 2, 2022	SHEET NO T-1
SCALE AS NOTED	
BY CG	

FAIRFAX & SAMMONS
NEW YORK - PALM BEACH

FAIRFAX, SAMMONS & PARTNERS, LLC.
214 BRAZILIAN AVENUE, PALM BEACH 33480
TELEPHONE (561) 808-8891
FAIRFAXANDSAMMONS.COM
LICENSE NO. AA28000846

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