

## Scope of Work

- Addition of 18'-0"  $\times$  9'-9" (174  $\mathcal{L}$ .F.) pergola.
- Portion of existing site wall along south property line, to be demolished down to 6" Drainage Curb and replaced with chain-link fence.
- Minor modifications to landscape buffer along south property line.



Application #: ARC-23-041 Second Submittal Projected Hearing Date: 04.26.2023

Sheet Index

Cover Sheet
Zoning Legend / Vicinity Map
L1.0 - Existing Conditions Inventory / Demolition Plan
L1.1 - Construction Screening & Staging Plan
L1.2 - Truck Logistics Plan
L2.0 - Site Plan
L2.1 - Site Data Calculations
L3.0 - Landscape Plan
Civil Engineering Plan

# Design Team/Consultants

### Landscape Architects

ENVIRONMENT DESIGN GROUP

139 NORTH COUNTY ROAD SUITE 20B

PALM BEACH, FL 33480

561.832.4600

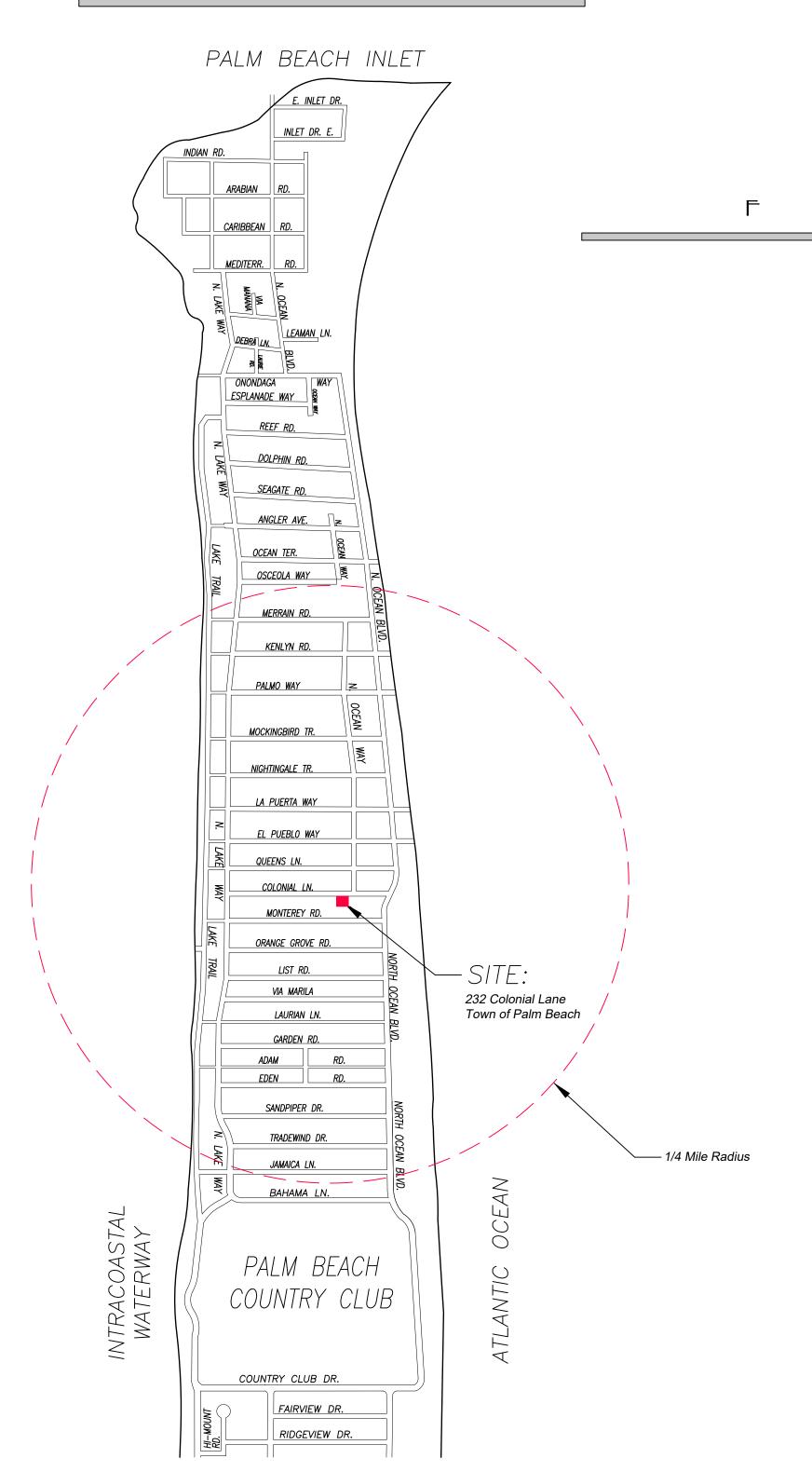
WWW.ENVIRONMENTDESIGNGROUP.COM

### Civil Engineer

GRUBER CONSULTING ENGINEERS
2475 MERCER AVE
WEST PALM BEACH, FL 33401
561.312.2041



# Vicinity/Location Map



# Private Residence 232 Colonial Lane Palm Beach

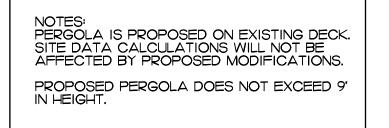
R

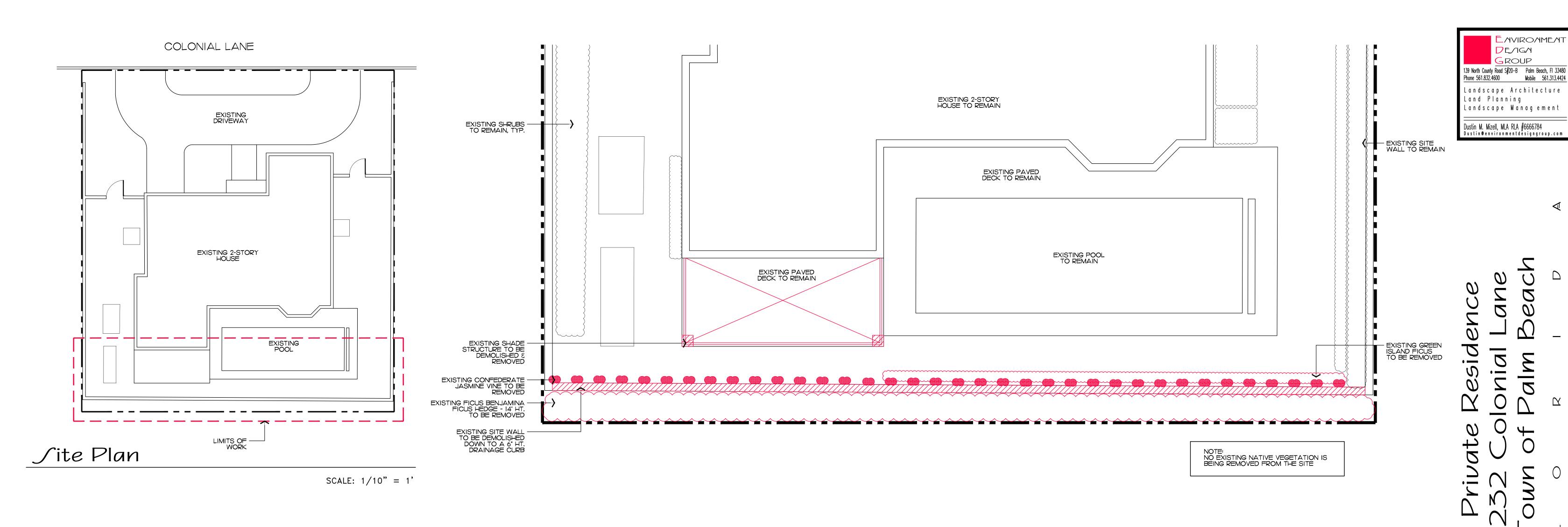
D

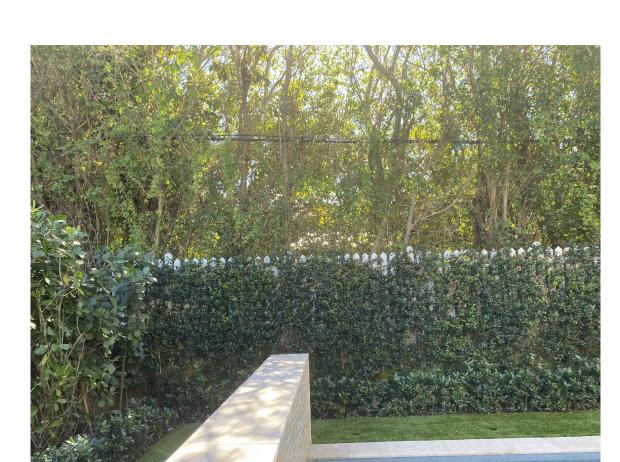
A

# Zoning Legend

|                                      | T                                       |                  |                  |
|--------------------------------------|---|------------------|------------------|
| Property Address:                    | 232 Colonial Wa                         | y                |                  |
| Zoning District:                     | R-B                                     |                  |                  |
| Structure Type:                      | ∫ingle Family Resi                      | idence           |                  |
|                                      |   |                  |                  |
|                                      | Required/Allowed                        | Existing         | Proposed         |
| Lot∫ize:                             | 10,000 /F min.                          | 6,150 <b>/</b> F | 6,150 <i>/</i> F |
| Lot Depth:                           |   | 82'              | 82'              |
| Lot Width:                           | FT                                      | 75'              | 75'%             |
| Lot Coverage:                        | %                                       | %                | A/A              |
| Front Yard∫etback:                   | M/A                                     | M/A              | N/A              |
| ∫ide Yard∫etback (1st∫tory):         | N/A                                     | N/A              | N/A              |
| ∫ide Yard∫etback (2nd∫tory):         | A/A                                     | M/A              | M/A              |
| Rear Yard∫etback:                    | N/A                                     | M/A              | M/A              |
| Angle of Vision:                     |   | M/A              | M/A              |
| Building Height:                     |   | M/A              | M/A              |
| Overall Building Height:             | N/A                                     | M/A              | M/A              |
| Finish Floor Elevation (FFE) (MAVD): | N/A                                     | A/A              | M/A              |
| Zero Datum for Pt of Measurement:    | N/A                                     | N/A              | MAVD             |
| Base Flood Elevation (BFE) (MAVD)    | MAVD                                    | MAVD             | <b>∫</b> F %     |
| Landscape Open Space (LQS):          | <b>∫</b> F %                            | <b>∫</b> F %     | <b>∫</b> F %     |
| Perimeter LQ/:                       | J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | <b>∫</b> F %     | <b>∫</b> F %     |
| Front Yard LQ/:                      |   | <b>∫</b> F %     | %                |
| Native Plant∫pecies Percentage:      | %                                       | %                |                  |
| ·                                    | •                                       |                  |                  |

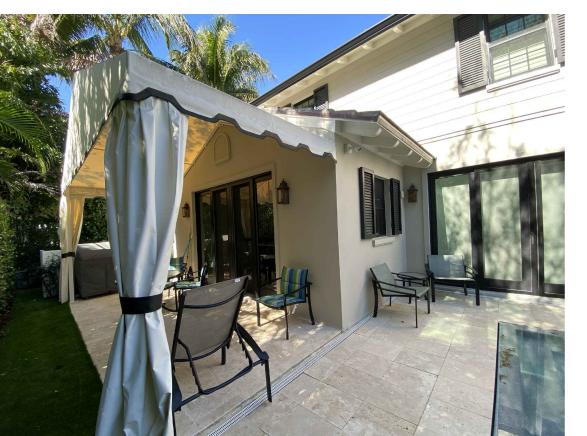


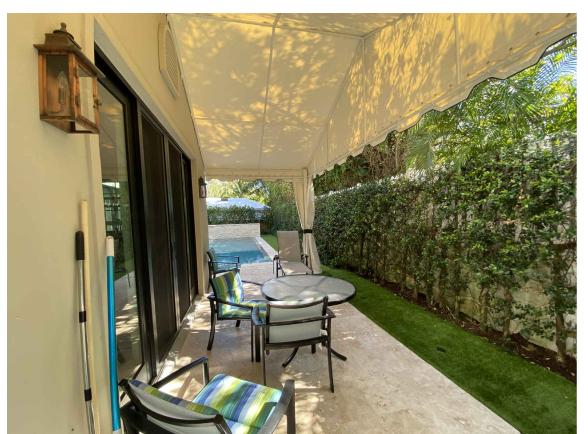


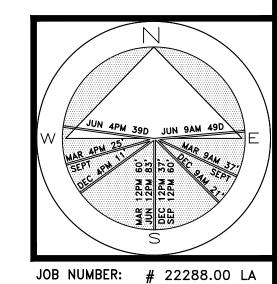












Existing Condition Photos - Limits of Work

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48 HOURS BEFORE DIGGING
CALL TOLL FREE

1-800-432-4770

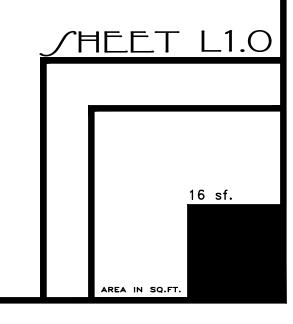
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

Existing Conditions Inventory / Demolition Plan

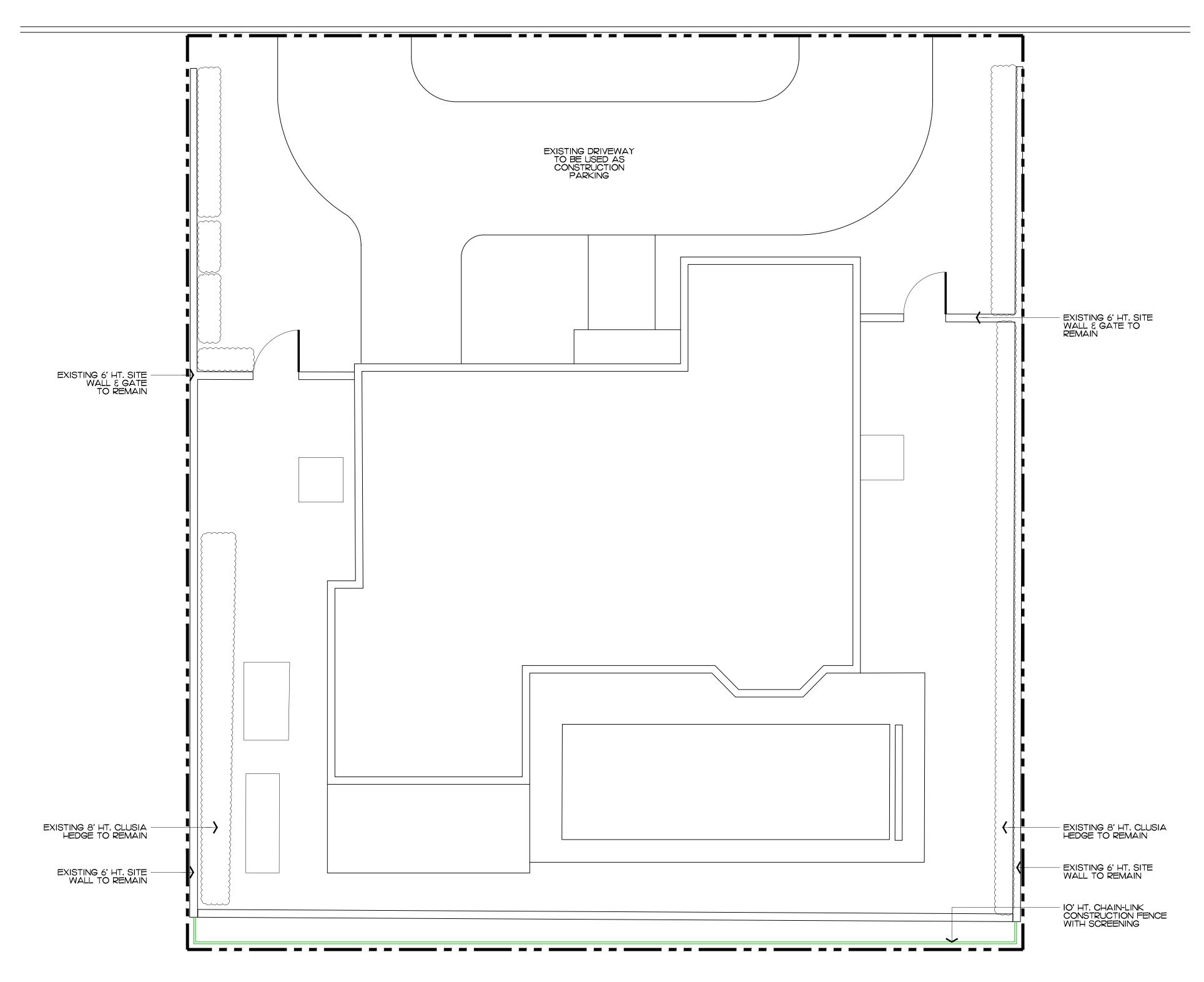
ARC#-23-041

Plan

SCALE IN FEET O' 4' 8' 12'



## COLONIAL LANE

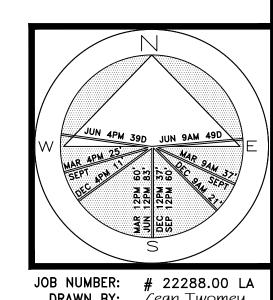


EXISTING SITE WALL AND LANDSCAPE BUFFER ALONG SOUTH PROPERTY LINE WILL BE REMOVED WHEN NECESSARY FOR SITE UTILIZATION AND CONSTRUCTION DEVELOPMENT. A CONSTRUCTION SCREEN WILL BE ADDED IN THESE AREAS UNTIL SITE WALLS, NEW FENCING, OR NEW LANDSCAPING IS INSTALLED. AT NO TIME SHALL THE SITE BE OPEN TO ADJACENT PROPERTIES WITHOUT ANY PERMANENT OR TEMPORARY SCREENING DURING CONSTRUCTION.

Construction/creening &/taging Plan

ARC#-23-041 SCALE IN FEET O' 4'

DE/IG/I ROUP 139 North County Road S#20-B Palm Beach, FI 33480 Phone 561.832.4600 Mobile 561.313.4424 Landscape Architecture Land Planning Landscape Management Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com



/HEET L1.1

16 sf.

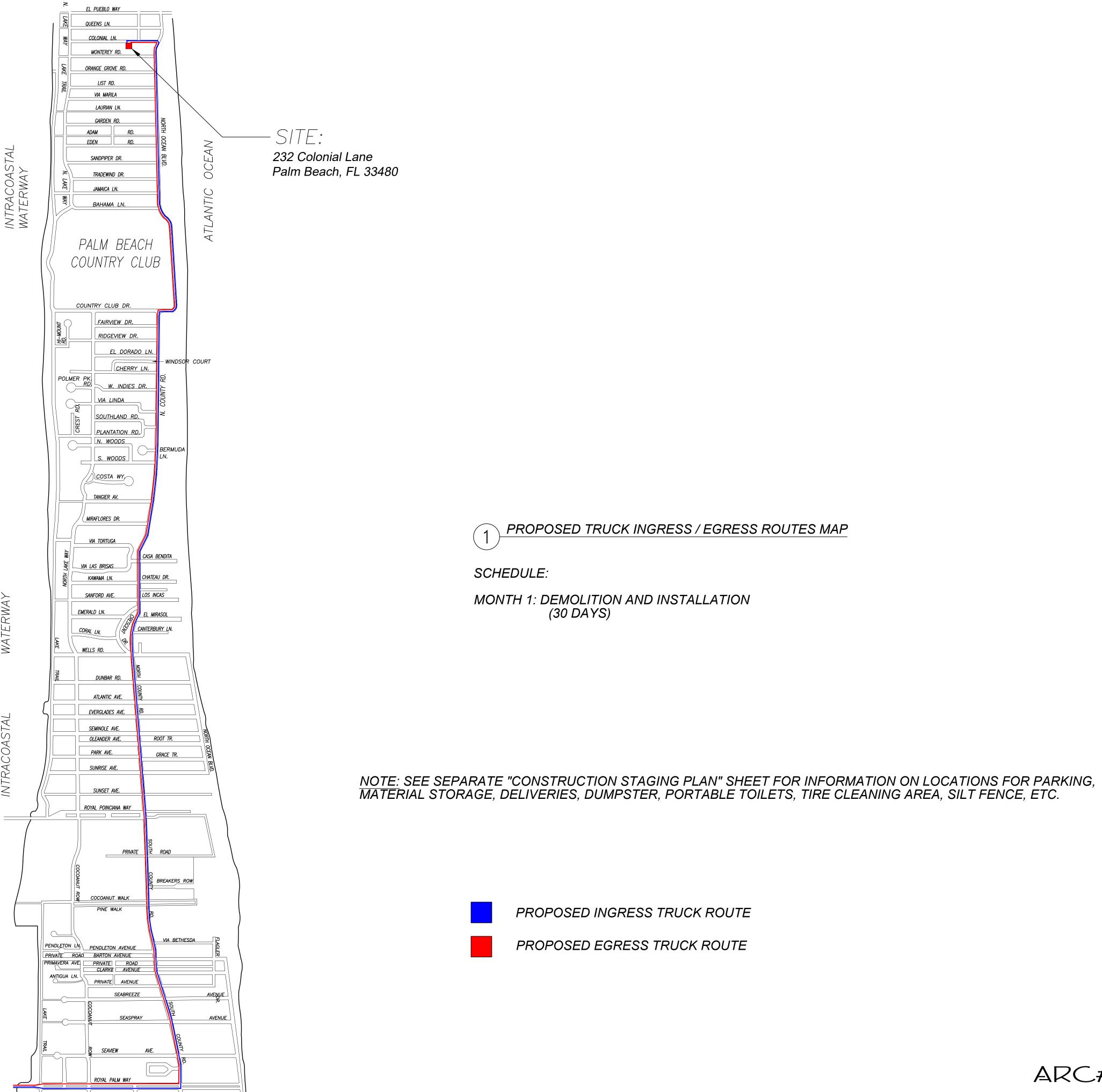
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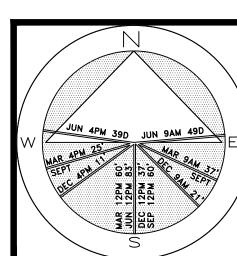
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ARC#-23-041 Truck Logistics Plan

NOT TO SCALE

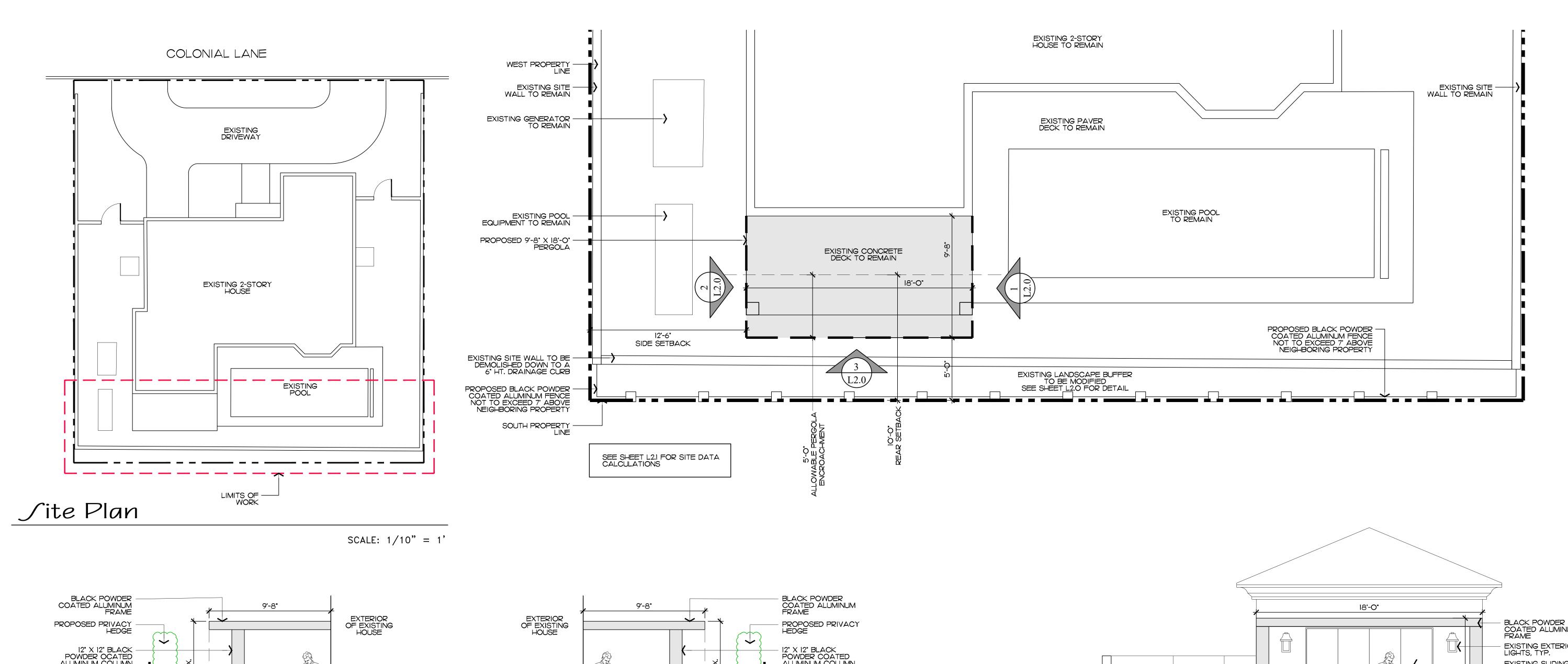


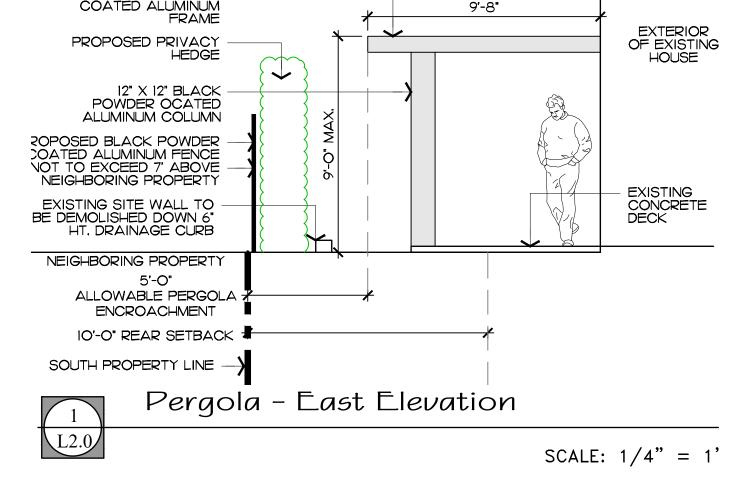
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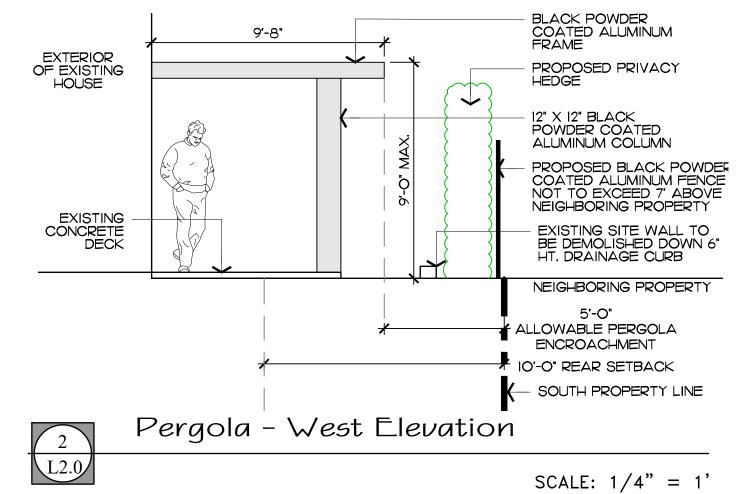


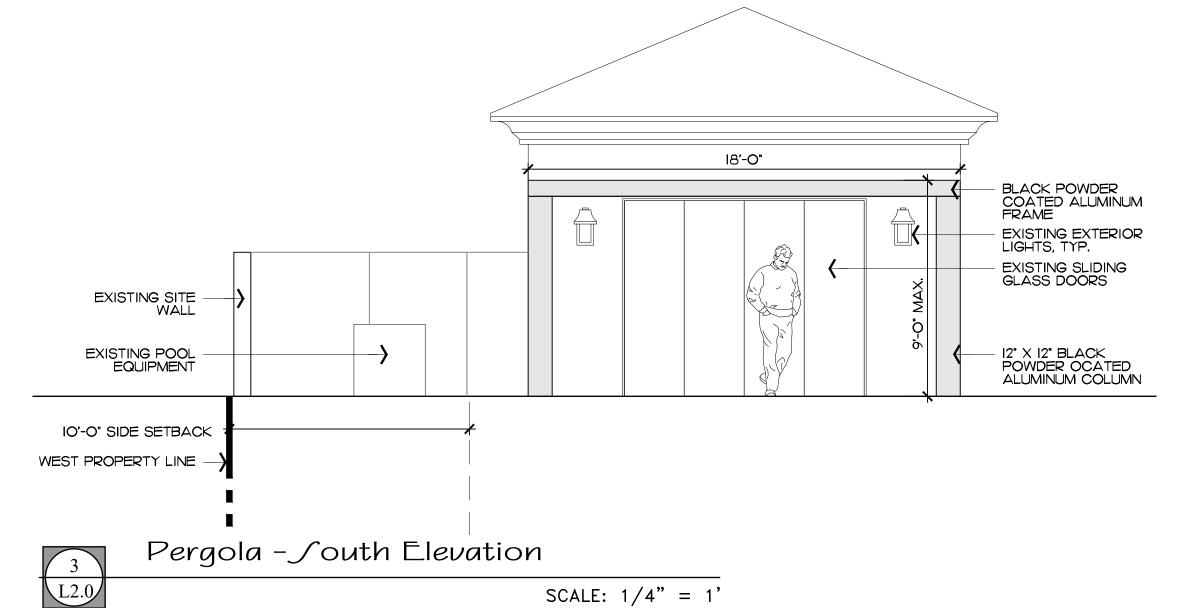
JOB NUMBER: # 22288.00 LA DRAWN BY: Jean Twomey DATE: 01.23.2023 02.27.2023

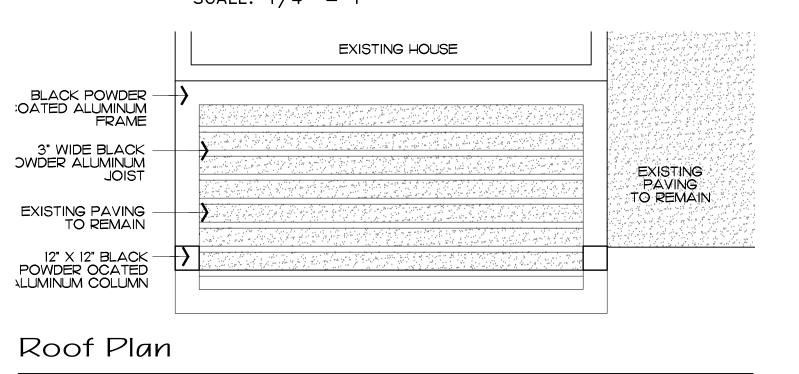
/HEET L1.2

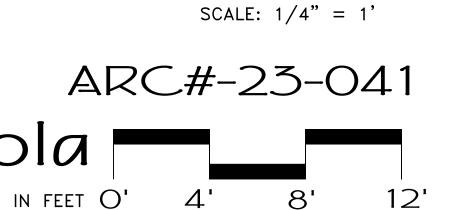












**DE/IGM** 

ROUP

139 North County Road S#20-B Palm Beach, FI 33480 Phone 561.832.4600 Mobile 561.313.4424

Landscape Architecture

Landscape Management

Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com

ane

JOB NUMBER: # 22288.00 LA DRAWN BY: Jean Twomey

Allison Padilla

01.23.2023 02.27.2023

/HEET L2.0

16 sf.

Land Planning

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understood, and that ENVIRONMENT DESIGN
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Hardscape Materials

BLACK POWDER COATED ALUMINUM PERGOLA





JOB NUMBER: # 22288.00 LA DRAWN BY: Sean Twomey
Allison Padilla DATE: 03.03.2023

Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com

Proposed Site Data

2,767.5 S.F.

R-B LOW DENSITY RESIDENTIAL REQUIRED EXISTING PROPOSED 10,000 SQ. FT. MINIMUM LOT AREA 6,150 SQFT 6,150 SQFT 26% 28.9% MAXIMUM 30% LOT COVERAGE 1,778 S.F. 1,604 S.F. TWO-STORY BLDG. 1,845 S.F. 40.9% 40.9% LANDSCAPE OPEN SPACE

> NOTES:
> PERGOLA IS PROPOSED ON EXISTING DECK.
> SITE DATA CALCULATIONS WILL NOT BE
> AFFECTED BY PROPOSED MODIFICATIONS. PROPOSED PERGOLA IS UNENCLOSED AND DOES NOT EXCEED 9' IN HEIGHT. PROPOSED PERGOLA IS NOT MORE THAN 3% OF THE OVERALL LOT COVERAGE

2,514 S.F.

2,514 S.F.

### Legend

BUILDING FOOTPRINT

HARDSCAPE

LANDSCAPE - OPEN SPACE

1-800-432-4770

DISCLAIMER:

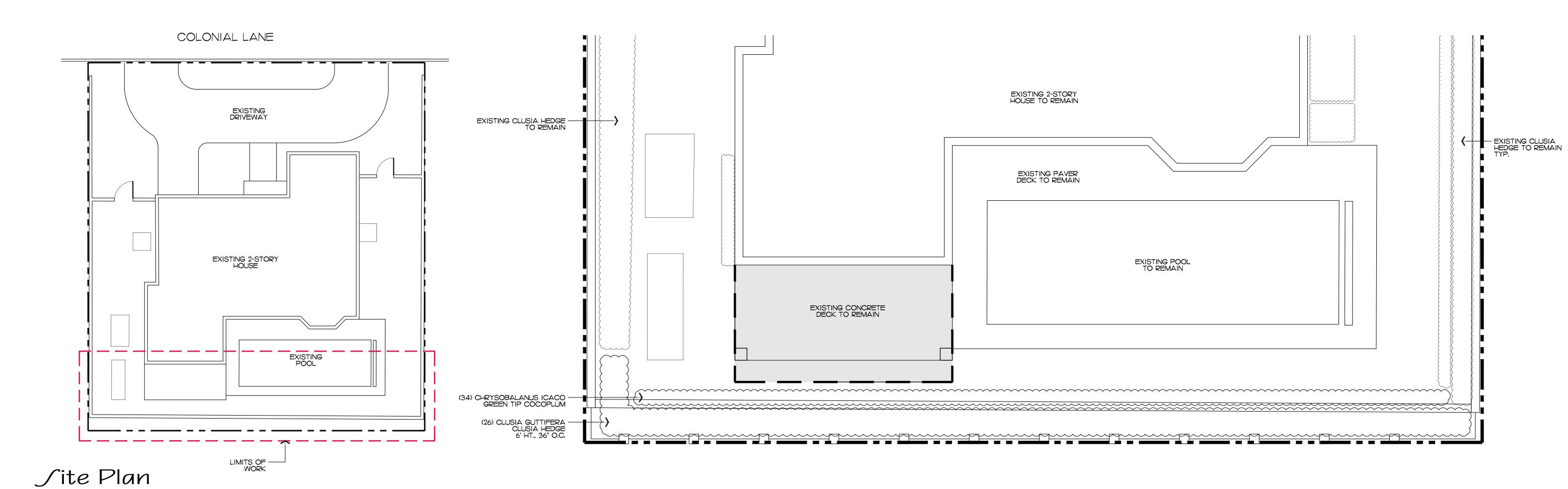
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ARC#-23-041 Site Calculation/Lot Coverage Graphics

16 sf.

/HEET L2.1

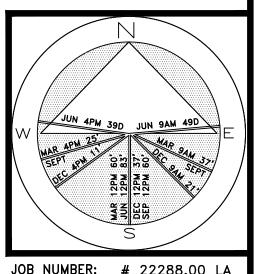


SCALE: 1/10" = 1'

### **Shrubs**

| _ |        |   |      |                  |        |
|---|--------|---|------|------------------|--------|
|   | SYMBOL | PLANT NAME                                | QTY. | DESCRIPTION      | NATIVE |
|   |        | CHRYSOBALANUS ICACO<br>GREEN TIP COCOPLUM | 34   | 7 GAL., 24" O.C. | YES    |
|   |        | CLUSIA GUTTIFERA<br>CLUSIA HEDGE          | 26   | 6' HT., 36" O.C. | NO     |
| • |        |   |      |                  |        |

60 34 (56.66%) NATIVE SPECIES:



**DE/IGM** ROUP

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Landscape Architecture Land Planning

Landscape Management

Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com

JOB NUMBER: # 22288.00 LA
DRAWN BY: Jean Twomey
Allison Padilla DATE: 01.23.2023 02.27.2023

16 sf.

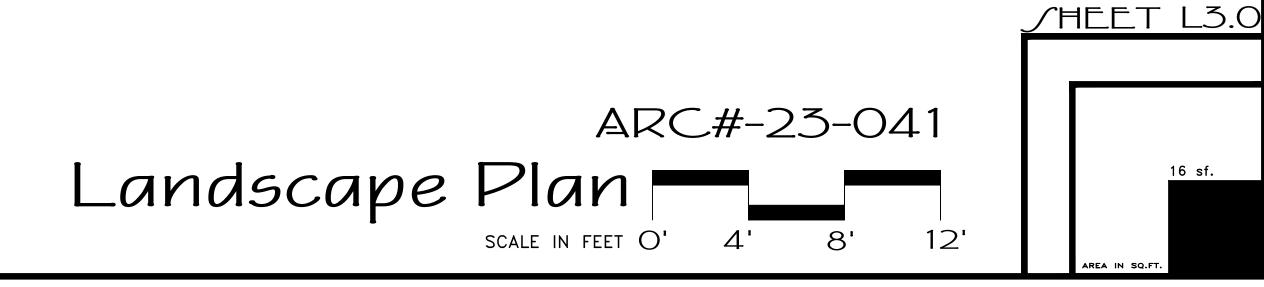
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#### A. <u>SITE INFORMATION</u> Total Property Area = 6,150 sq.ft. Drainage Area Impervious Surface (existing driveway) = 3,445 sq.ft. Drainage Area Pervious Surface = 2,705 sq.ft. B. ESTIMATED STORMWATER RETENTION VOLUME The retention volume is estimated using the Rational Method (Q=CiA) C = 1.0 (impervious surface) C = 0.2 (pervious surface) i = 2 in/hrImpervious Surface Runoff Volume: 1.0 x 2 in/hr x 3,445 sq.ft. x 1 ft./12 in. = 574 cu.ft. Pervious Runoff Volume:

STORMWATER RETENTION CALCULATIONS

#### C. PROPOSED EXFILTRATION TRENCH SIZING Total Length of Trench Provided = 57 ft W = Trench Width = 0.00005 cfs/sq.ft./ft. of head Hydraulic Conductivity

= 3.00 ft

= 2.00 ft Un-Saturated Trench Depth = 1.00 ft Saturated Trench Depth V = Volume Treated = 676 cu.ft.

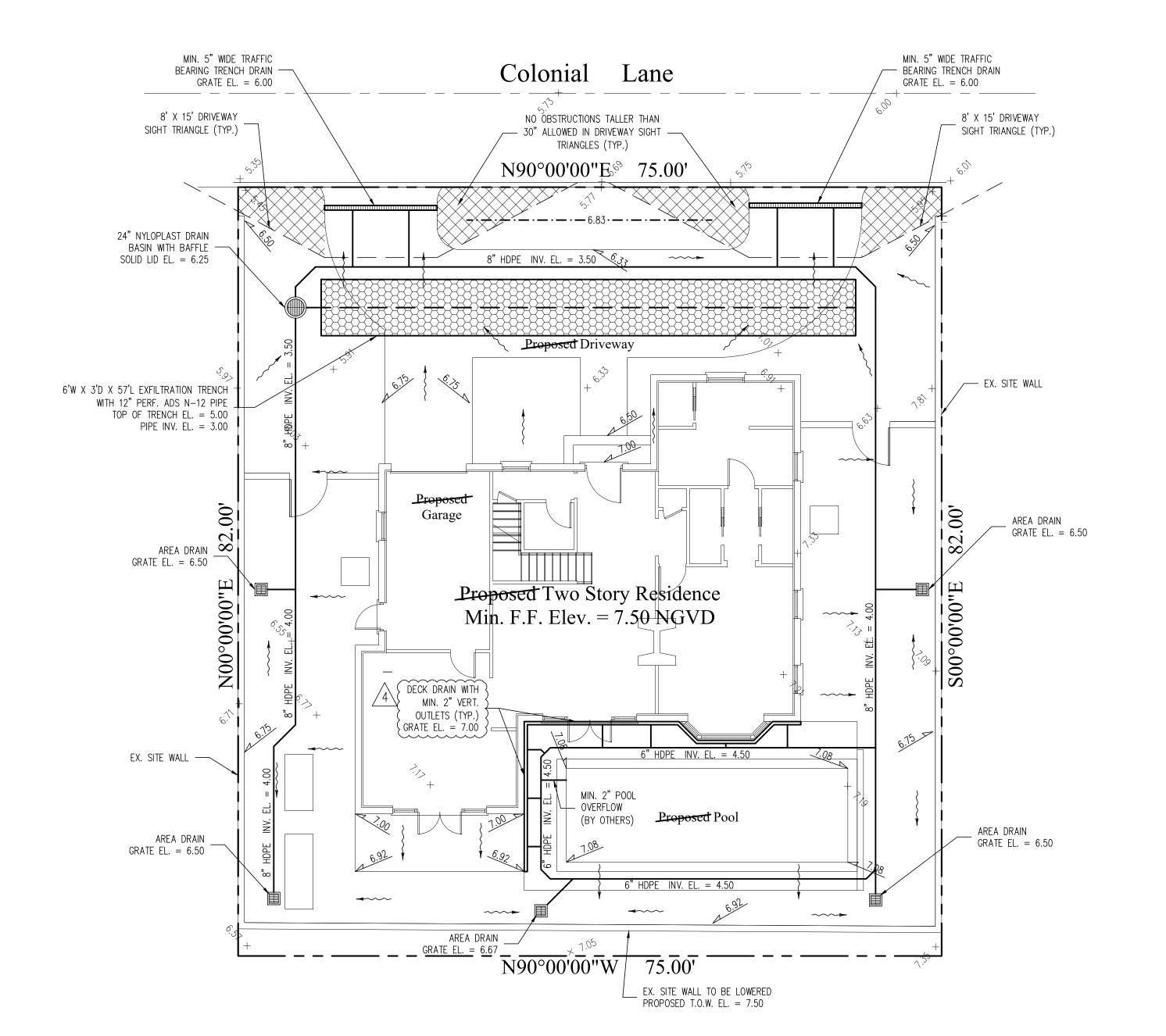
 $0.2 \times 2 \text{ in/hr } \times 2,705 \text{ sq.ft.} \times 1 \text{ ft./}12 \text{ in.} = 90 \text{ cu.ft.}$ 

Depth to Water Table

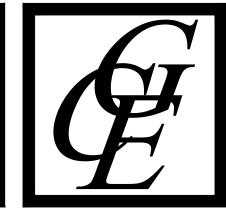
Total Volume to be Retained = 665 cu.ft.

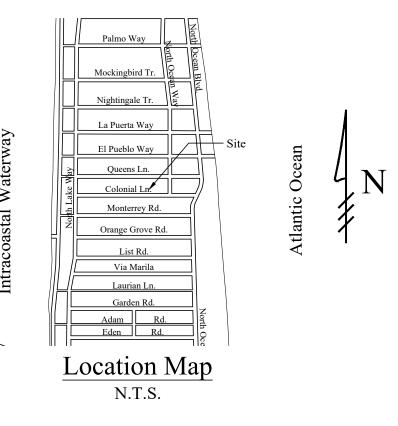
### Notes:

- 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.



**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.







| Project Information | formation    |
|---------------------|--------------|
| Project No.         | 2016-0115    |
| Issue Date          | 06/23/2016   |
| Scale               | 1/8" = 1'-0" |
| Drawn By            | KM           |
| Checked By          | 90           |

Residence

Kleinfe

### Legend

EXISTING ELEVATION PER MILLER LAND SURVEYING (NGVD-29) PROPOSED ELEVATION (NGVD-29)

---7.00--- PROPOSED ELEVATION CONTOUR (NGVD-29)

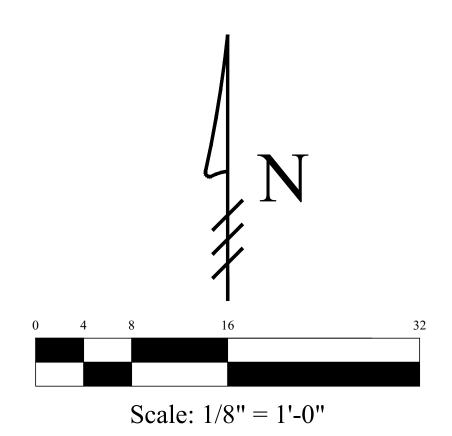
FLOW DIRECTION

EXFILTRATION TRENCH

AREA DRAIN

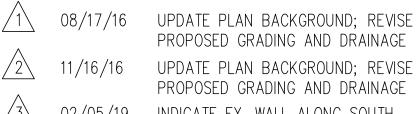
24" NYLOPLAST DRAIN BASIN

WITH BAFFLE



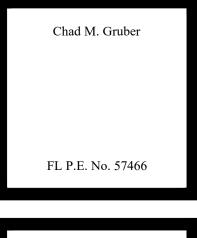
### Record Drawing

THIS RECORD DRAWING IS A COMPILED REPRESENTATION OF A COPY OF THE SEALED ENGINEERING OR SURVEYING DRAWING APPROVED FOR THIS PROJECT, MODIFIED BY ADDENDA, CHANGE ORDERS, AND INFORMATION FURNISHED BY OTHERS. THE INFORMATION SHOWN ON THE RECORD DRAWINGS IS, TO THE BEST OF OUR KNOWLEDGE CORRECT BASED ON OBSERVATIONS PERFORMED DURING CONSTRUCTION AND OTHER INFORMATION.



02/05/19 INDICATE EX. WALL ALONG SOUTH PROPERTY LINE TO BE LOWERED 10/07/19 UPDATE PLAN TO REFLECT AS-BUILT DRAINAGE SYSTEM CONFIGURATION

Plan Background from Site Plan by SKA Architect + Planner Received 11/14/16 © 2019 Gruber Consulting Engineers, Inc.

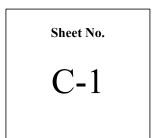


1 08/17/2016

2 11/16/2016

3 02/05/2019

4 10/07/2019



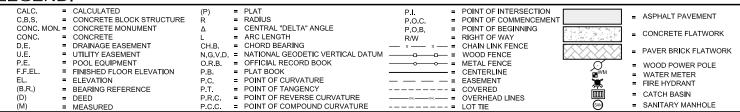


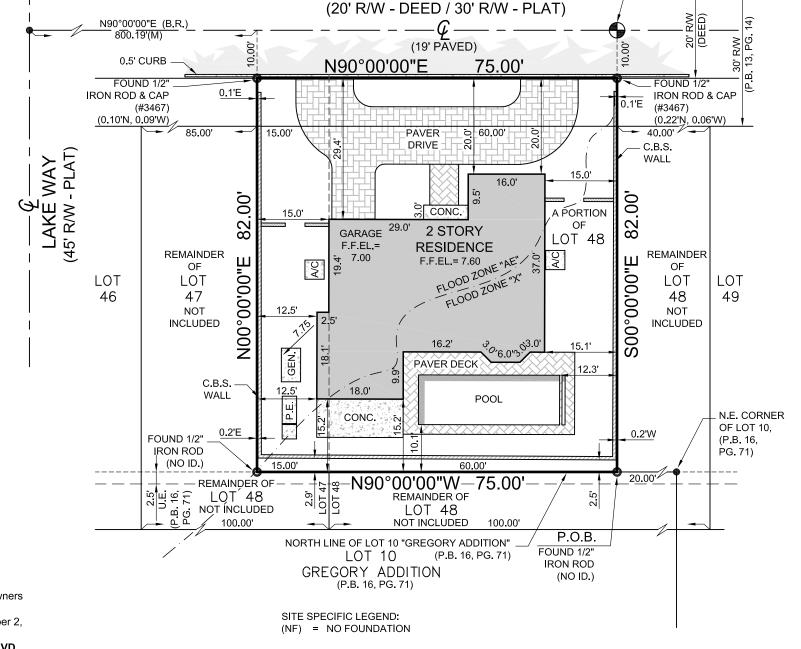
ALL THAT TRACT OR PARCEL OF LAND BEGINNING AT A POINT, WHICH POINT IS 20 FEET WESTERLY FROM THE NORTHEAST CORNER OF LOT 10, AS SHOWN ON THE PLAT OF GREGORY ADDITION TO THE TOWN OF PALM BEACH FLORIDA, ON FILE IN THE OFFICE OF THE CLERK OF THE CIRCUIT COURT IN AND FOR PALM BEACH COUNTY. FLORIDA, IN PLAT BOOK 16, PAGE 71; AND WHICH POINT IS IN THE NORTHERLY LINE OF SAID LOT 10 OF GREGORY ADDITION; THENCE IN A WESTERLY DIRECTION ALONG THE NORTHERLY LINE OF SAID LOT 10 FOR A DISTANCE OF 75 FEET TO A POINT; THENCE AT RIGHT ANGLES, RUNNING IN A NORTHERLY DIRECTION, FOR A DISTANCE OF 82 FEET TO A POINT IN THE SOUTH LINE OF COLONIAL LANE; THENCE ALONG THE SOUTH LINE OF COLONIAL LANE IN AN EASTERLY DIRECTION FOR A DISTANCE OF 75 FEET; THENCE IN A SOUTHERLY DIRECTION FOR A DISTANCE OF 82 FEET TO A POINT OF BEGINNING; BEING A PART OF THE PROPERTY CONVEYED BY JOSEPH I. RISDEN TO JOHN C. GREGORY IN DEED DATED NOVEMBER 19, 1935, IN DEED BOOK 518, AT PAGE 540. BEING ALSO DESCRIBED AS THE EAST 15 FEET OF LOT 47 AND THE WEST 60 FEET OF LOT 48, (LESS THE SOUTH 12 FEET THEREOF) AND A 10 FOOT STRIP ADJOINING THERETO ON THE NORTH, AS SHOWN ON THE PLAT OF EL ENCANTO PLAT NO. 2, RECORDED IN PLAT BOOK 13, PAGE 14, PALM BEACH COUNTY, FLORIDA, PUBLIC RECORDS.

#### **SURVEY NOTES:**

- 1.) Lands shown hereon reflect all pertinent easements and/or rights of way contained in Owners Title Insurance Policy by Law Office of John D. O'Neill, as agent for Commonwealth Land Title Insurance Company, Policy No. FL 1248-81-4069469-2013.8130609.88247701, dated November 2, 2012 @ 4:18 PM
- 2.) Elevations shown hereon are based on National Geodetic Vertical Datum of 1929 (NGVD 29). To convert to NAVD 88, subtract 1.50' from the NGVD 29 elevation.
  - a) Originating benchmark = (ref. BB-20, pg. 24)
  - = existing elevation (NGVD 29 typical).
- No underground improvements located.
- All bearings and distances shown hereon are plat and measured unless otherwise noted.
- This firms "Certificate of Authorization" number is "LB 6838". 5.)

#### **LEGEND:**





SCALE:

DRAWN BY:

FIELD WK:

DATE:

M.M. / B.M.

09/26/2019

**COLONIAL WAY** 

REVISIONS:

12/18/2019 remove pool pump pad on south line

CERTIFIED TO: SKIK, LLC.; Citibank, N.A., its successors and/or assigns as their interest may appear; John D. O'Neill, P.A.; Commonwealth Land Title Insurance Company

PROPERTY ADDRESS: 232 Colonial Lane, Palm Beach, FL 33480

FLOOD ZONE: AE (FIRM 120220 -12099C0393F 10/5/2017)

#### FINAL ASBUILT SURVEY

This survey is not valid without embossed surveyor's seal and/or an authenticated electronic signature and authenticated electronic

Registered Land 30 veyer fibrida Certificate No. MICHAEL J. MILLER #4034

NA

CRD. FILE

REF:

PREV. JOB NO'S.

> JOB NO. Y190770

Y160516 Y180168 Y160562 Y190422 Y170321

S - 46,332 - K

MILLER LAND SURVEYING 1" = 20' 1121 LAKE AVENUE PICARD (C)

SITE BENCHMARK #1

EL = 5.85

e-mail: orders@millersurveying.com

LAKE WORTH, FLORIDA 33460 PHONE: (561) 586-2669 - FAX: (561) 582-0151 www.millersurveying.com