fIRC-23-030 FINAL SUBMITTAL A NEW ENTRY ONTE ADDITION FOR: ANN DESRUISSEAUX

DESIGN TEAM

ARCHITECT OF RECORD Brasseur & Drobot Architects Attn: Jason Drobot 224 Datura Street Suite 311 West Palm Beach, FI 33401 (561) 820-8088

CIVIL ENGINEER: Gruber Consulting Engineers, Inc. Attn: Chad Gruber 2465 Mercer Ave. Ste 206 West Palm Beach, FL 33401

(561) 312-2041

STRUCTURAL ENGINEER Botkin Parssi & Associates Inc. Attn: Fatih Acikgoz 2749 Exchange Court West Palm Beach, Fl 33409

CONSULTING SURVEYORS 5553 Village Blvd. West Palm Beach, FL 33407 (561) 640-4551

SITE LOCATION MAD



SITE PLAN NOTE

1. THE ARCHITECTURAL SITE PLAN IS FOR GENERAL LOCATION OF THE HOUSE, POOL, DRIVES, AND SITE FEATURES ONLY. THE OWNER SHALL PROVIDE A PRELIMINARY LOT FIT PERFORMED BY A LICENSED SURVEYOR AT 50% COMPLETION OF PROJECT. THE SURVEYOR IS RESPONSIBLE FOR VERIFYING BUILDING LOT FIT, LOT COVERAGE, EASEMENT LOCATIONS, SETBACKS, AND ALL SITE DIMENSIONS PRIOR TO PERMIT AND CONSTRUCTION. IF ANY CONFLICTS OCCUR BETWEEN THE THE ARCHITECTURAL SITE PLAN AND SURVEYORS PLAN, THE GENERAL CONTRACTOR AND ARCHITECT SHALL BE NOTIFIED IN WRITING PRIOR TO PERMITTING AND CONSTRUCTION. NO WORK SHALL BE PERFORMED UNTIL THE GENERAL CONTRACTOR RESOLVES THE CONFLICTS.

SITE INFORMATION

WALLACE SURVEYING CORP. LS #4569 5553 VILLAGE BOULEVARD WEST PALM BEACH, FL 33401 PH. (561) 640-4551

LEGAL DESCRIPTION

MUNICIPALITY: PALM BEACH PARCEL CONTROL NUMBER: 50-43-43-03-11-000-0503 OFFICIAL RECORDS BOOK: 28761 PAGE: 1253 LEGAL DESCRIPTION: EL ENCANTO PL 2 LT 50/LESS W 55 FT AND S 12 FT/ AND 10 FT STRIP ADJ TO N LINE THEREOF

FLORIDA BUILDING CODE 2020 FLORIDA EXISTING BUILDING CODE 2020

ALTERATION LEVEL 2 WIND SPEED = 170 MPH V (ULT), 132 MPH V (ASD) WIND IMPORTANCE FACTOR - 1.0

ENCLOSED BUILDING INTERNAL PRESSURE COEFFICIENT - Gcpi = 0.18

PROJECT INDEX

COVER SHEET existing site plan

(NOT TO SCALE)

SP2 FROSION CONTROL AND SITE UTILIZATION PLAN SP2 PROPOSED SITE PLAN

SP3 PROPOSED ENLARGED SITE PLAN EXISTING AND PREVIOUSLY PROPOSED ELEVATIONS EXISTING AND PROPOSED ELEVATIONS

MATERIAL SHEET



BRASSEUR DROBO

ARCHITECTS, P.A.

224 DATURA STREET - SUITE 908 WEST PALM BEACH, FLORIDA 3340 (0)561-820-8088 (f)561-820-8089 WWW.BRASSEURANDDROBOT.CO/ fR 0017698 fR 94843 NCARB 60164 NCARB 67673 ff 26001461

23-030 FINAL SUBMITAL:
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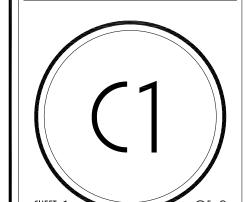
fire-2.

☐ JEFFREY D. BRASSEUR - AR 0017698 ■ JASON P. DROBOT - AR 94843

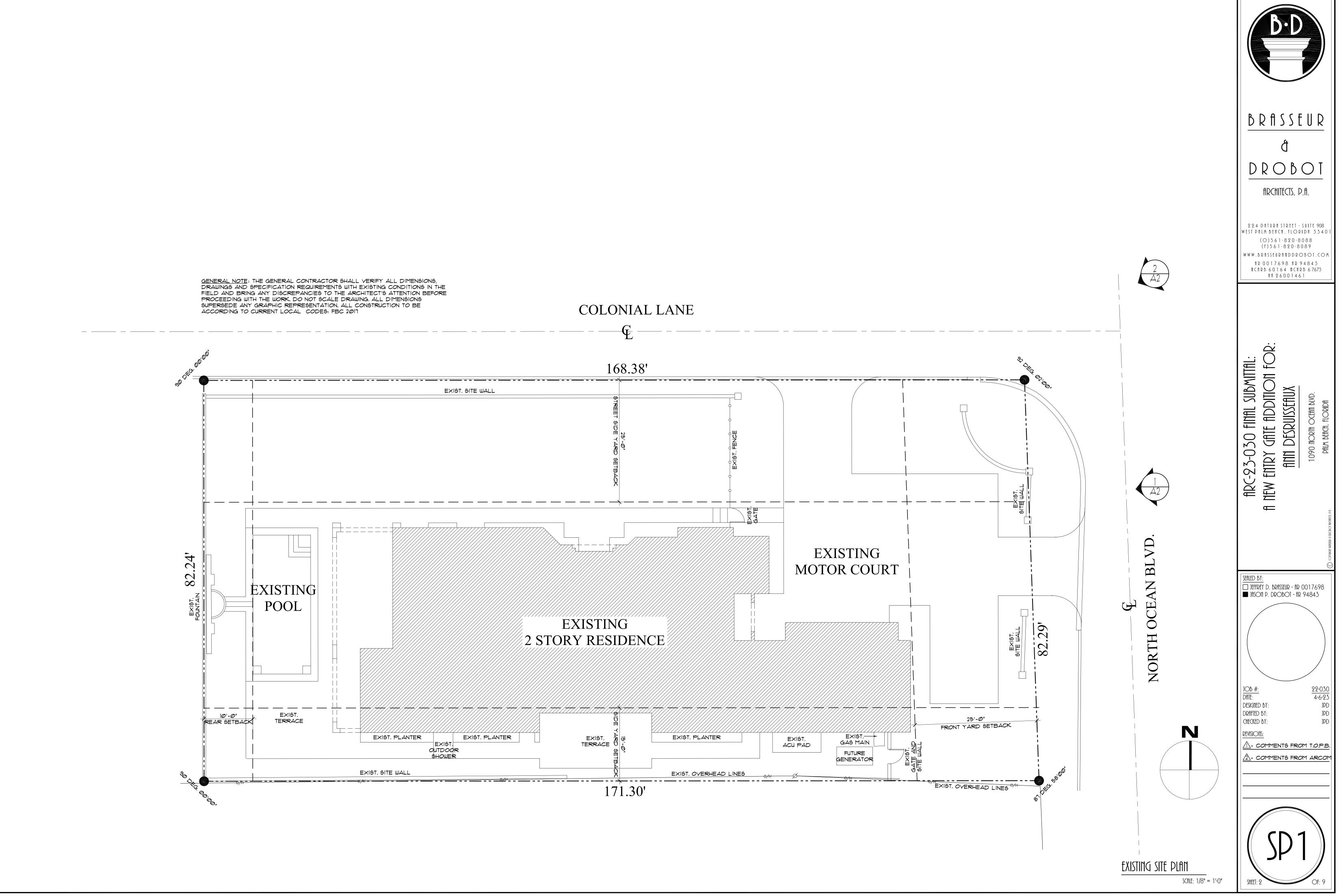
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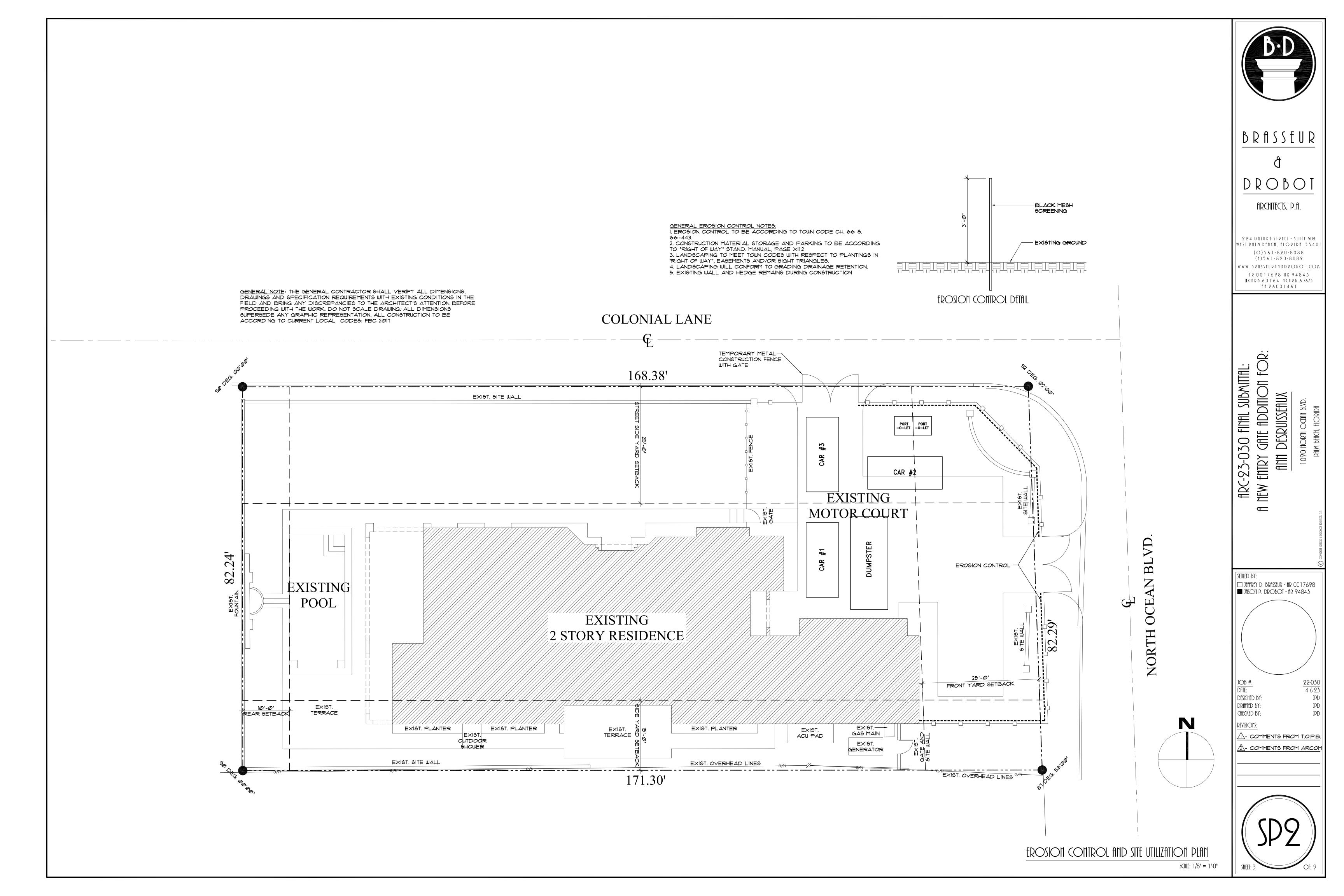
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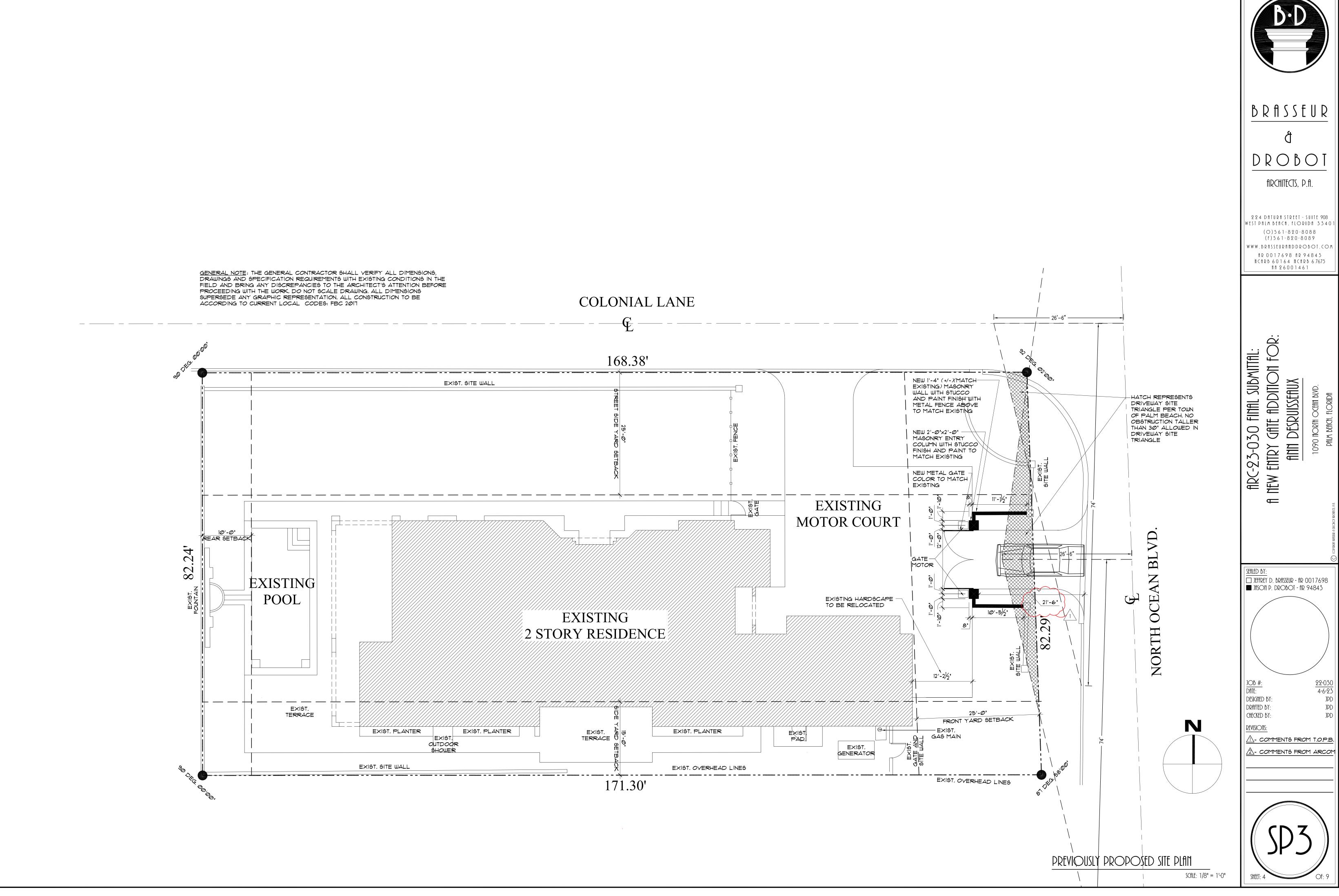
 $\hat{\mathbb{N}}$ - comments from t.o.p.e ${ riangle}$ - comments from Arcom



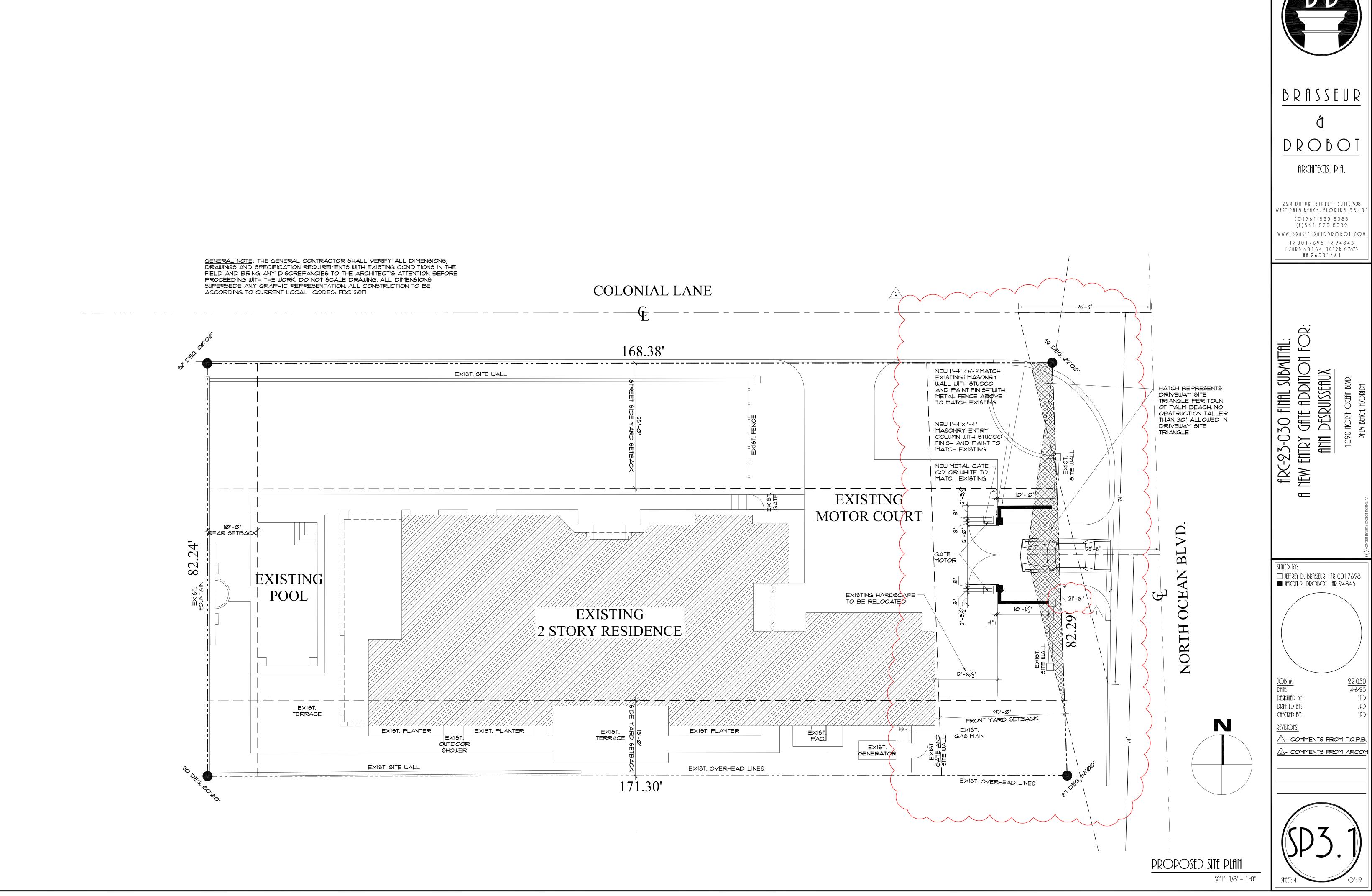
COVER SHEET



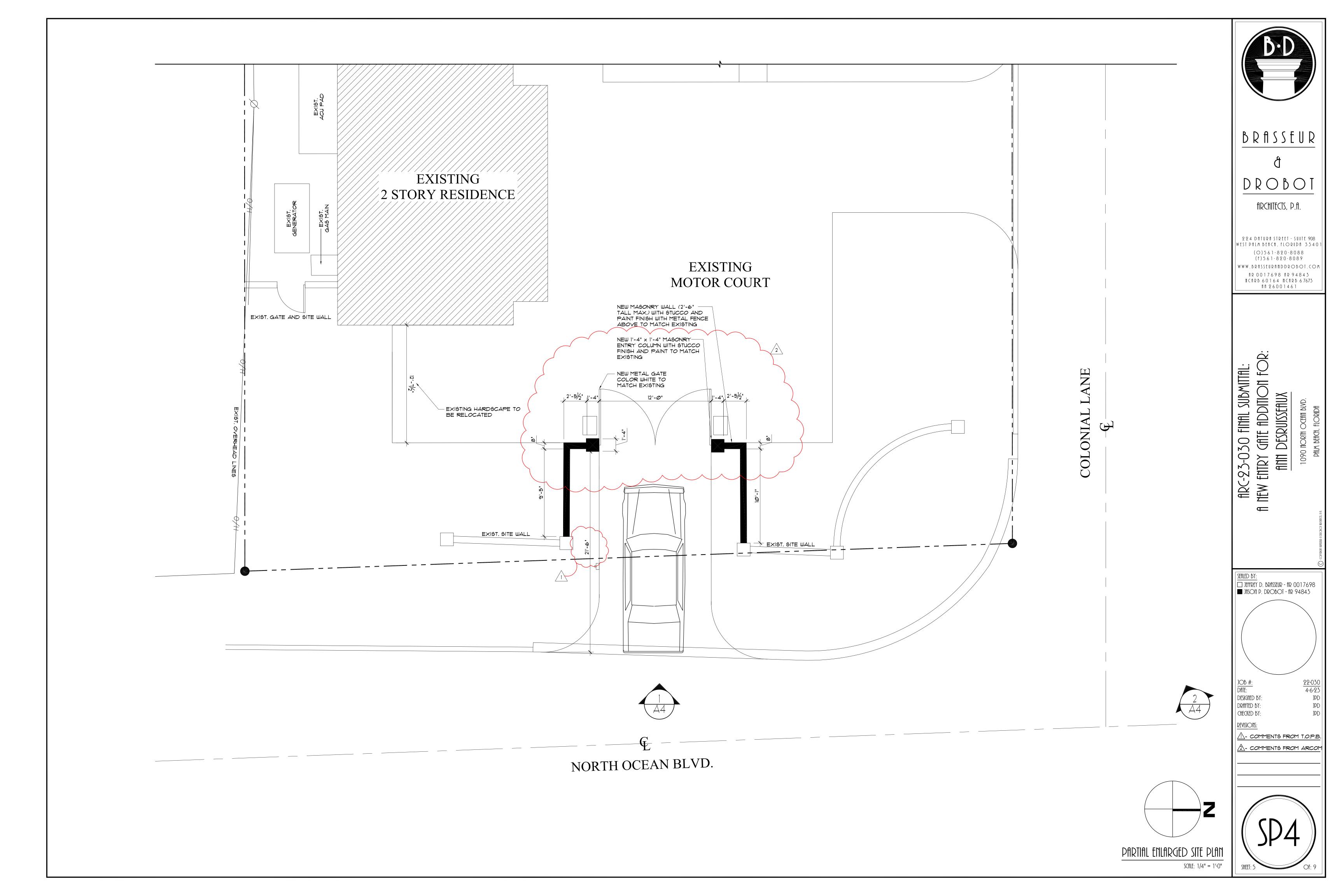


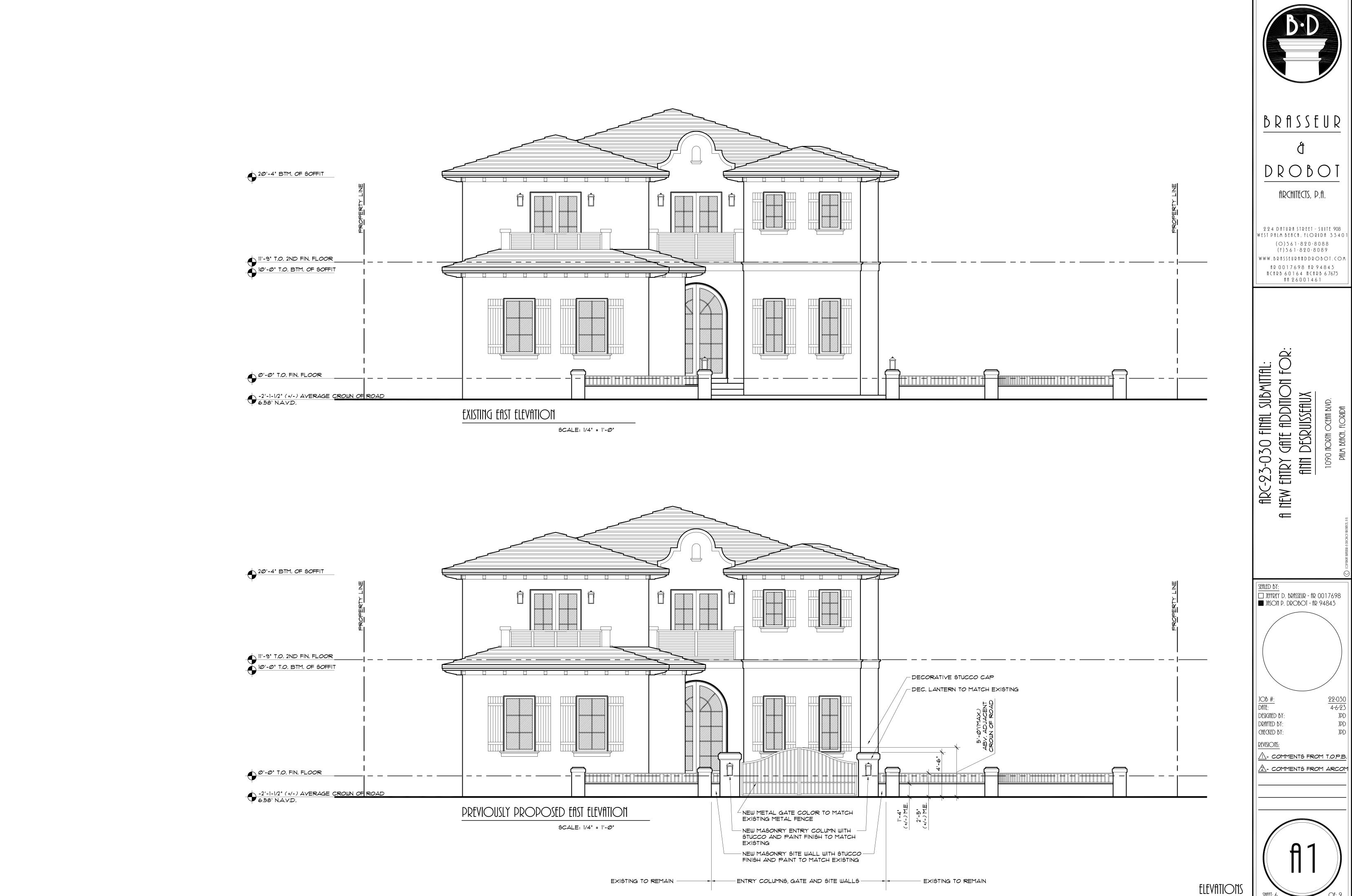




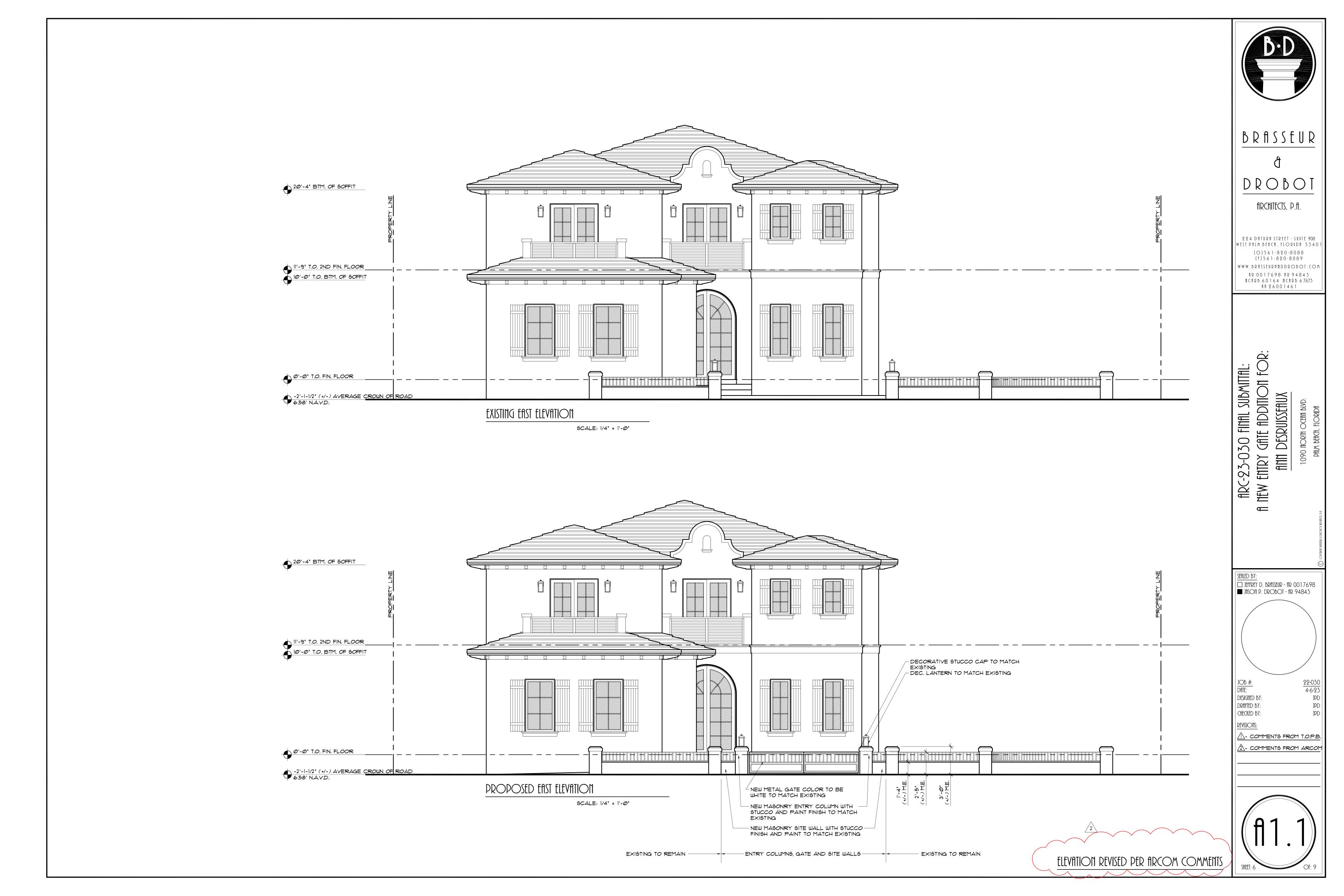


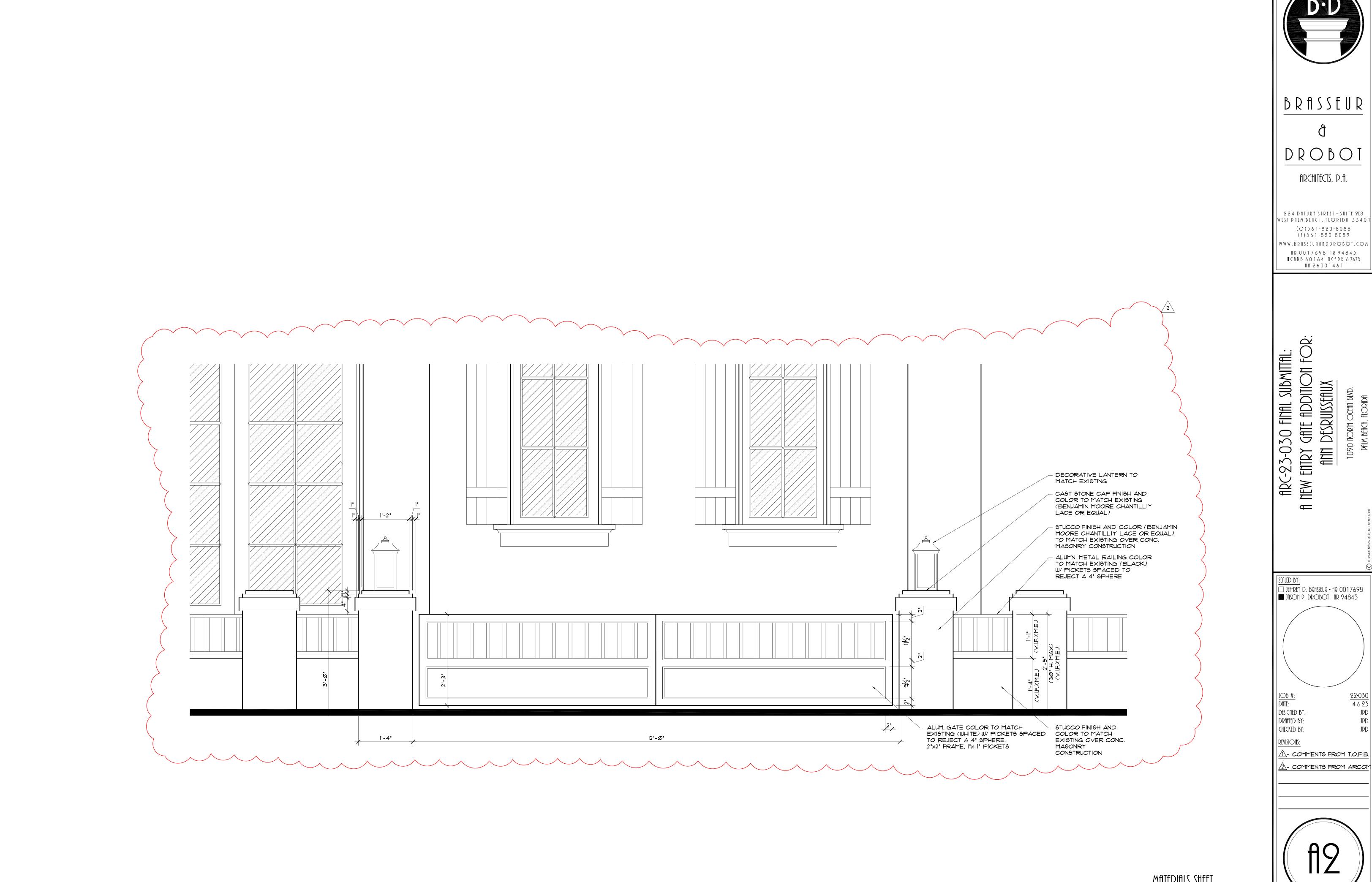














224 DATURA STREET - SUITE 908 WEST PALM BEACH, FLORIDA 33401

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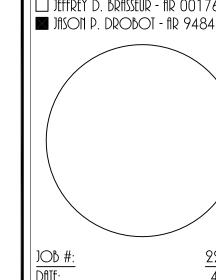
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ARC-23-030 FINAL SUBMITTAL:
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ANN DESRUISSEAUX

SEFILED BY:

☐ JEFFREY D. BRASSEUR - AR 0017698

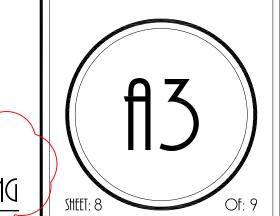
■ JASON P. DROBOT - AR 94843



DESIGNED BY: DRAFTED BY: CHECKED BY:

REVISIONS:

A- COMMENTS FROM T.O.P.B. A- COMMENTS FROM ARCOM



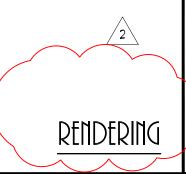


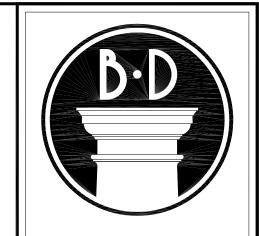


IMAGE OF EXISTING RESIDENCE LOOKING WEST





IMPORE OF EXISTING RESIDENCE LOOKING WEST



BRASSEUR

DROBOT ARCHITECTS, P.A.

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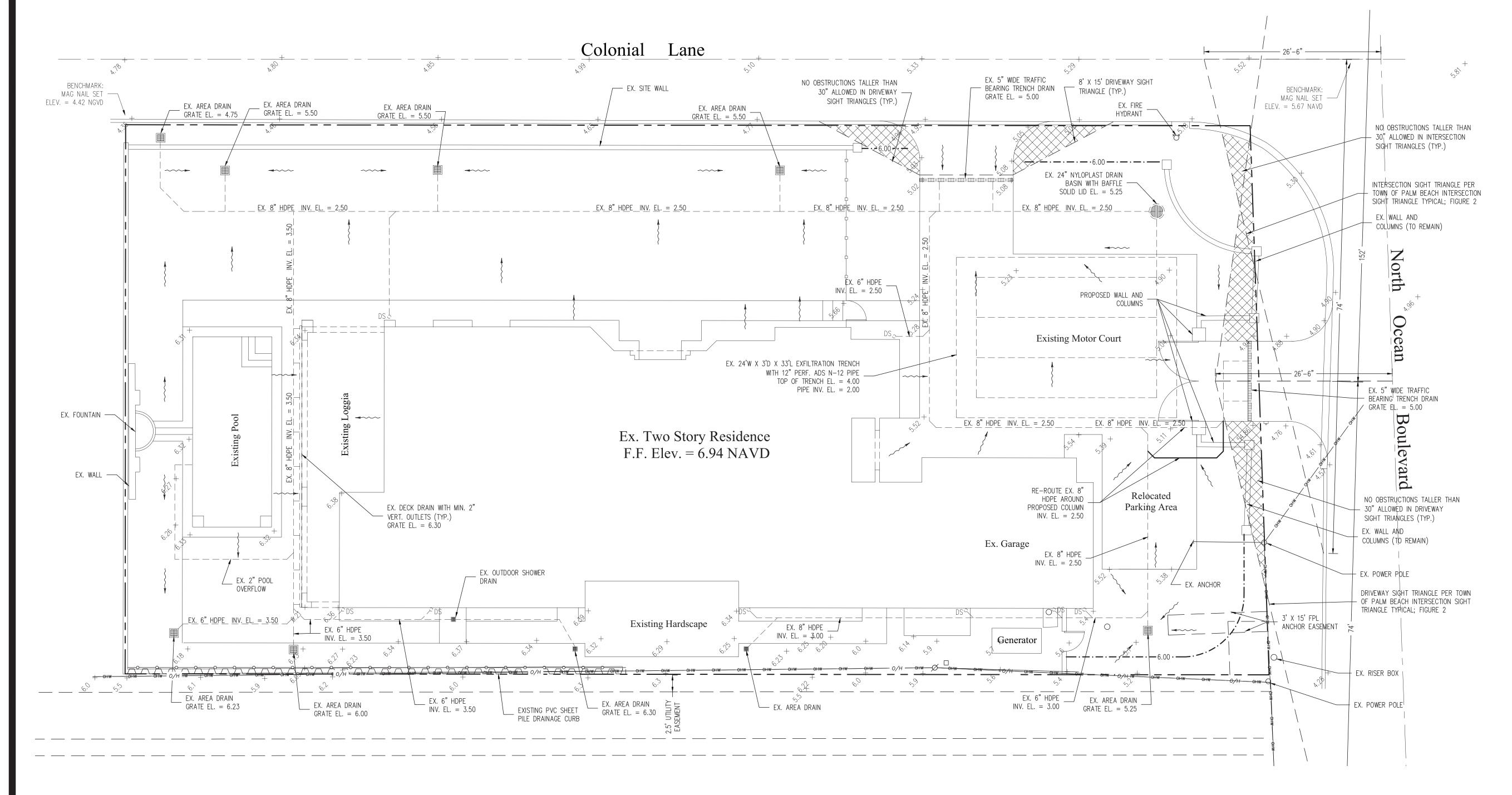
25-050 FIMAL SUBMITTAL: TIRY CATE ADDITION FOR: Ann desruisseaux

SEALED BY:

☐ JEFFREY D. BRASSEUR - AR 0017698

■ JASON P. DROBOT - AR 94843

 \triangle - COMMENTS FROM T.O.P.B



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.

Mockingbird Tr.

Nightingale Tr.

La Puerta Way

El Pueblo Way

Colonial Ln.

Orange Grove Rd.

List Rd. Via Marila

N.T.S.



Location Map

Legend

EXISTING ELEVATION PER WALLACE SURVEYING CORP. (NAVD-88)

PROPOSED ELEVATION (NAVD-88)

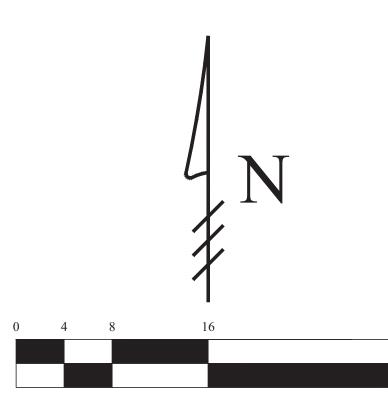
---7.00--- PROPOSED ELEVATION CONTOUR (NAVD-88)

FLOW DIRECTION

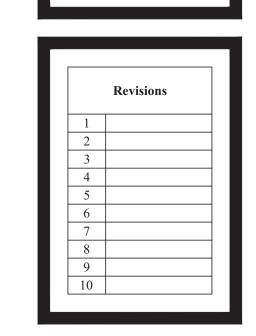
EXFILTRATION TRENCH

AREA DRAIN

24" NYLOPLAST DRAIN BASIN WITH BAFFLE



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



esidence

Existin



Digitally signed by Chad M Gruber Date: 2023.01.21 16:37:03 -05'00'

FL P.E. No. 57466

Sheet No.

C-1

Chad M. Gruber

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

Plan Background from Site Plan by

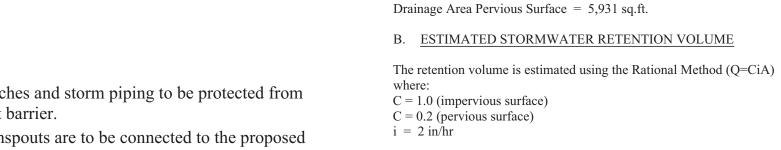
ARC-23-030

Brasseur & Drobot Architects Received 1/9/23

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- 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.



Impervious Surface Runoff Volume: 1.0° x 2 in/hr x 8,006 sq.ft. x 1 ft./12 in. = 1,334 cu.ft.

A. <u>SITE INFORMATION</u>

Total Property Area = 13,937 sq.ft.

Drainage Area Impervious Surface = 8,006 sq.ft.

Pervious Runoff Volume: $0.2 \times 2 \text{ in/hr } \times 5,931 \text{ sq.ft.} \times 1 \text{ ft./}12 \text{ in.} = 198 \text{ cu.ft.}$

Total Volume to be Retained = 1,532 cu.ft.

C. PROPOSED EXFILTRATION TRENCH SIZING

L = Total Length of Trench Provided = = 24 ft Trench Width Hydraulic Conductivity = 0.00005 cfs/sq.ft./ft. of head = 3.25 ft Depth to Water Table = 2.50 ft DU = Un-Saturated Trench Depth Saturated Trench Depth = 0.50 ft= 1,546 cu.ft. V = Volume Treated

STORMWATER RETENTION CALCULATIONS