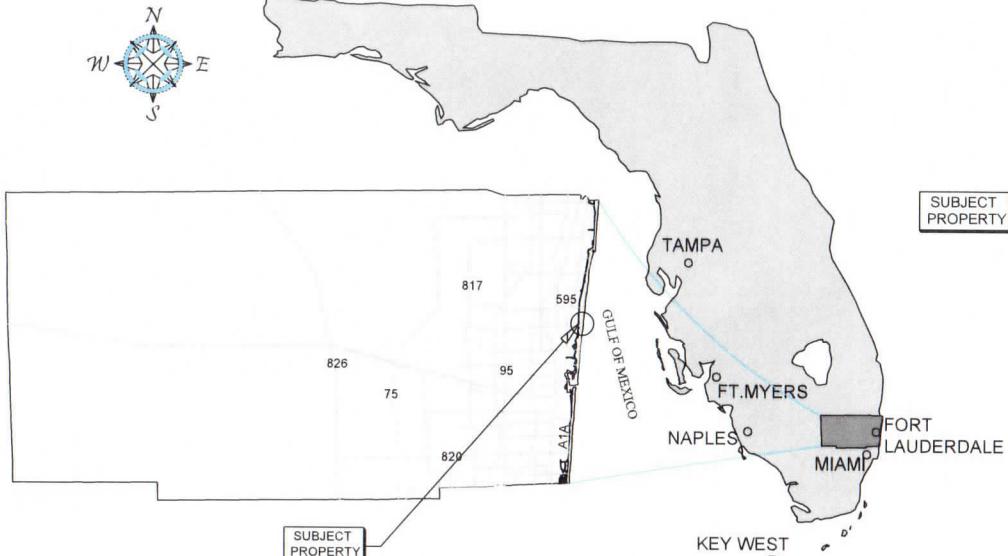


# STATE OF FLORIDA



## **BROWARD COUNTY**

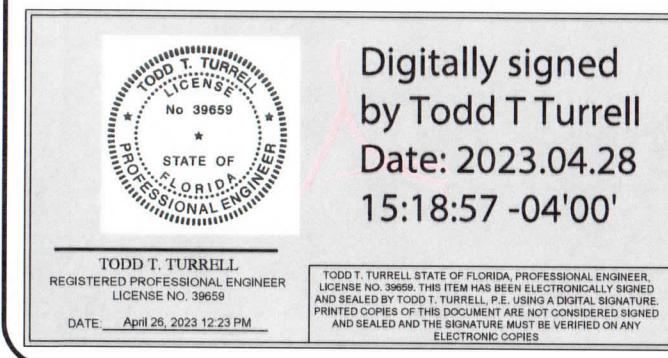
**SITE ADDRESS:**

<> 2830 NE 8TH CT  
POMPANO BEACH, FL 33062

<> LATITUDE: N 26.239932  
<> LONGITUDE: W -80.093718

## NOTES:

**<> THESE DRAWINGS ARE FOR CONSTRUCTION PURPOSES ONLY**



A detailed map of the northern part of Fort Lauderdale, Florida, showing major roads, landmarks, and waterways. Key features include the Intracoastal Waterway, Lighthouse Point, and the Pompano Beach area. Major roads shown include NW 49th Ct, NE 48th St, W Sample Rd, E Sample Rd, W Copans Rd, E Copans Rd, W Atlantic Blvd, E Atlantic Blvd, W McNab Rd, NW 2nd St, and NE 62nd St. Landmarks include Tradewinds Park, North Andrews Gardens, and the Fort Lauderdale Executive Airport. The map also shows various canals and waterways.

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## VICINITY MAP

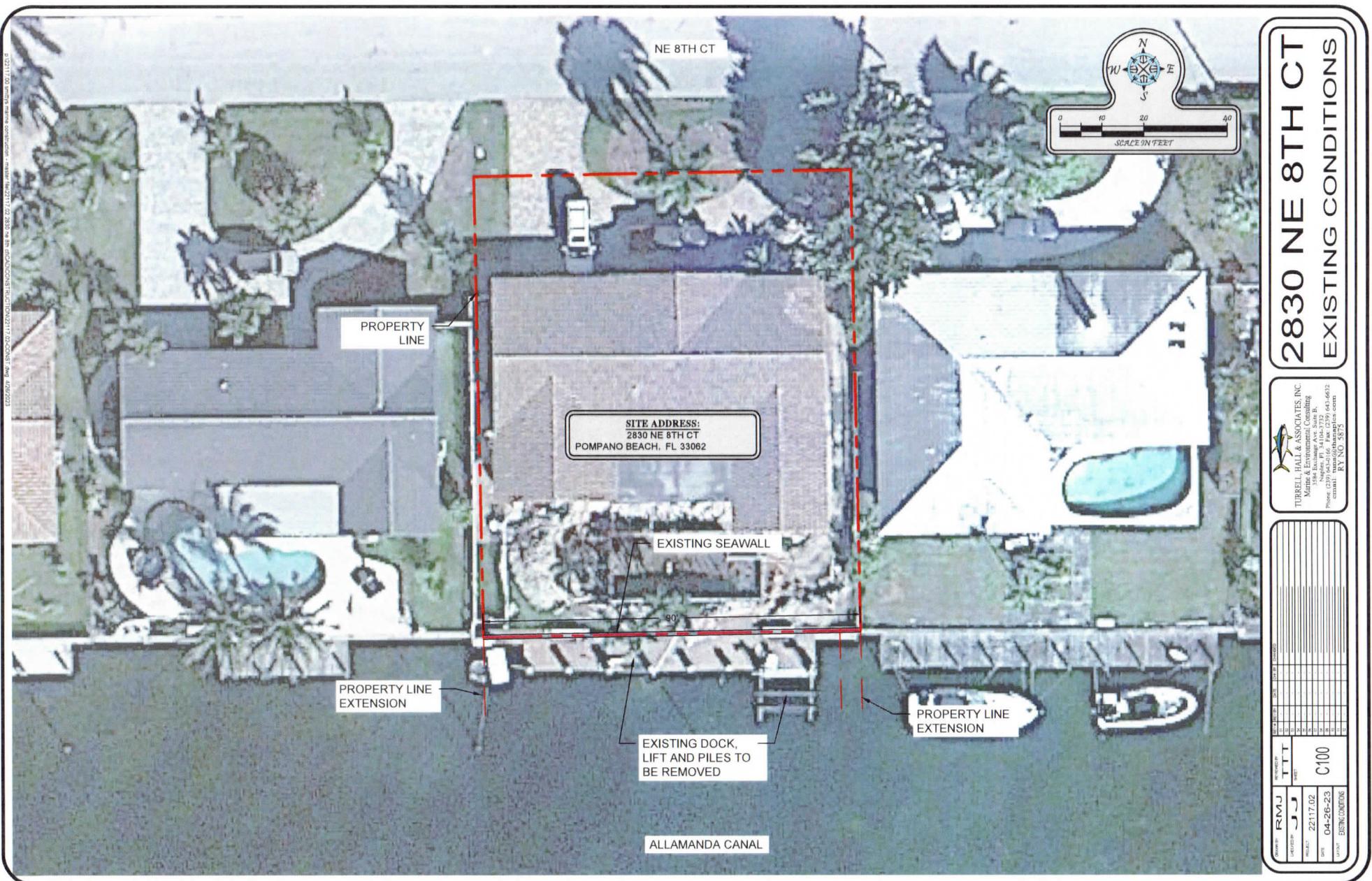


## COUNTY AERIAL

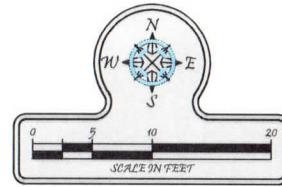
2830 NE 8TH CT  
LOCATION PAGE

**TURREL, HALL & ASSOCIATES, INC.**  
Marine & Environmental Consulting  
3548 Exchange Ave., Suite B,  
Naples, FL 34104-3732  
Phone: (239) 643-5016 Fax: (239) 643-6652  
email: [tuna@thass.com](mailto:tuna@thass.com)  
RY NO 5875

Customer Name	RMU	Customer ID	Customer Name	Customer ID	Customer Name	Customer ID
Customer Address	TTT	Customer Address	TTT	Customer Address	TTT	Customer Address
Customer City	J	Customer City	J	Customer City	J	Customer City
Customer Zip	J	Customer Zip	J	Customer Zip	J	Customer Zip
Phone #	2211702	Phone #	2211702	Phone #	2211702	Phone #
Date	G100	Date	G100	Date	G100	Date
Layout	LOCATION PAGE	Layout	LOCATION PAGE	Layout	LOCATION PAGE	Layout



# 2830 NE 8TH CT SEAWALL PLAN



SITE ADDRESS:  
2830 NE 8TH CT  
POMPANO BEACH, FL 33062

**SITE ADDRESS:**  
2830 NE 8TH CT  
POMPANO BEACH, FL 33062

PROPERTY LINE

POOL PILINGS ASSUMED 10' O.C., LOCATION TO BE VERIFIED TO AVOID CONFLICT

APPROXIMATE LOCATION OF POOL

HELICAL

CONTRACTOR TO NOTE AND VERIFY ANY DECK HELICAL PILE OBSTRUCTIONS

FIRST TIEBACK TO BE FIELD ADJUSTED TO 2' FROM PROPERTY LINE

FIRST TIEBACK TO BE FIELD ADJUSTED TO 2' FROM RETURN

N.T.E. 8'

90'

EXISTING SEAWALL TO REMAIN

PROPERTY LINE EXTENSION

NEW SEAWALL TO ENTOMB EXISTING SEAWALL

PROPERTY LINE EXTENSION

NEW CONCRETE DOCK

NEW WOOD FIXED DOCK (LAST 5')

EXPANSION JOINT WITH TIEBACK WITHIN 2' EACH WAY

0 5 10

SCALE IN'

**NOTES:**

- HELICAL: 14" SINGLE OR 10/12 HELIX CHANCE OR DSMS HELICAL WITH MINIMUM 1 1/4" SHAFT HDG
- MINIMUM ROD LENGTH 15'
- CONTRACTOR SHALL SUBMIT THEIR LATEST CALIBRATION ON HELICAL DRIVER TO EOR FOR THEIR RECORDS AND APPROVAL (MUST BE LESS THAN 12 MONTHS OLD)
- ROD LENGTH MAY VARY IN FIELD BASED ON REQUIRED TORQUE, MINIMUM ROD LENGTH OR FIELD PULL TEST
- CONTRACTOR SHALL FIELD TEST (2) ANCHORS OF ENGINEERS CHOICE TO A MINIMUM 13,000 LBS WITH ALLOWABLE DEFLECTION NO MORE THAN 1"
- HELICAL SHALL BE SET AT 15° FOR INITIAL INSTALLATION AND SHALL BE ALLOWED TO A MINIMUM 5° WITH ENGINEER APPROVAL.
- CONTRACTOR SHALL CONTACT ENGINEER FOR MINIMUM TIEBACK LENGTHS IF 15° CAN NOT BE OBTAINED
- ENVIRONMENTAL PERMITTING BY OTHERS

## ALLAMANDA CANAL

**SEAWALL NOTES:**

- THESE DRAWINGS ARE DESIGNED PER THE LATEST BUILDING CODE SPECIFICATIONS:
  - MINIMUM PENETRATION 50% OF PANEL LENGTH.
  - ALL STEEL TO BE ASTM GRADE 80.
  - ALL OVERLAPS OF CONTINUOUS STEEL TO BE A MINIMUM OF 24" UNLESS OTHERWISE NOTED.
  - ALL CONCRETE TO BE 5,000 PSI FLORIDA DOT CLASS IV SPECS WITH A 0.4 WATER/CEMENT RATIO WITH #57 STONE LARGE AGGREGATE FOR TRUCK MIXES AND #89 STONE FOR LARGE AGGREGATE FOR PUMP MIXES.
  - NO PANEL CUT-OFFS WITHOUT EOR APPROVAL
  - REBAR SHALL BE PINNED 12" INTO ROCK IF ROCK IS ENCOUNTERED



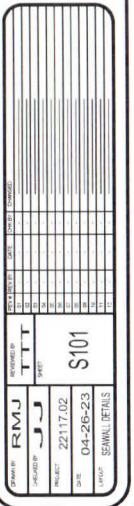
JURELL, HALL & ASSOCIATES, INC.  
Marine & Environmental Consulting  
3584 Exchange Ave. Suite B.  
Naples, FL 34104-3732  
(239) 643-0166 Fax: (239) 643-6632  
email: [tuna@thanaples.com](mailto:tuna@thanaples.com)

Owner:	RMJ	Residence:	1000
Address:	123 Main St	City:	Anytown
Phone:	555-1234	State:	CA
Zip:	98001	Country:	USA
Vehicle:	1234567890	Color:	Black
Model:	2011 Ford F-150	Condition:	Excellent
Year:	2011	Notes:	
Comments:	S100		

2830 NE 8TH CT  
SEAWALL DETAILS

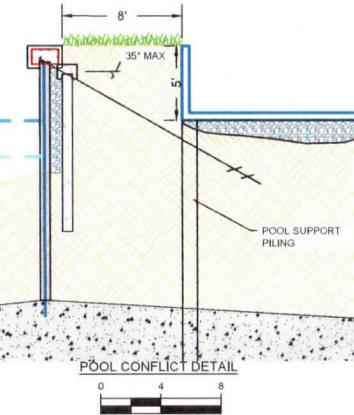


TURRELL, HALL & ASSOCIATES, INC.  
Marine & Environmental Consulting  
3554 Exchange Ave. Suite B,  
Naples, FL 34104-3732  
Phone (239) 643-0166 Fax (239) 643-6632  
email: [tunmail:tunmail@unitednet.com](mailto:tunmail:tunmail@unitednet.com)  
RY NO. 5875

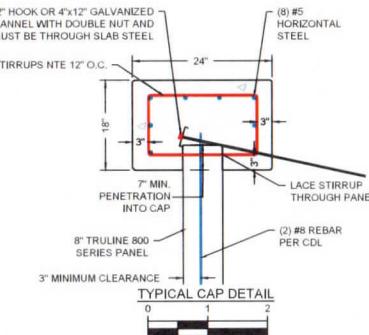


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STRUCTURE TYPE:	SEA WALL
PROJECT:	22117.02
DATE:	04-26-23
DETAILS:	SEA WALL DETAILS

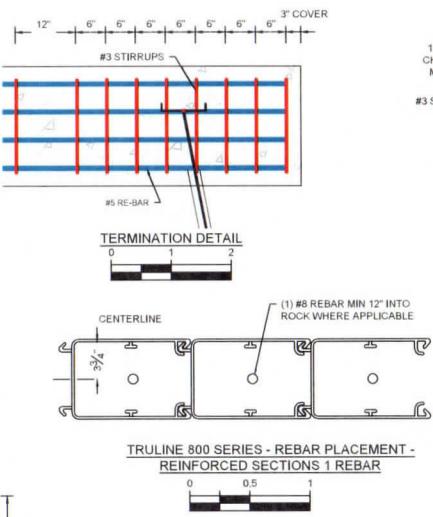
TYPICAL SEAWALL RETURN SECTION



#### POOL CONFLICT DETAIL

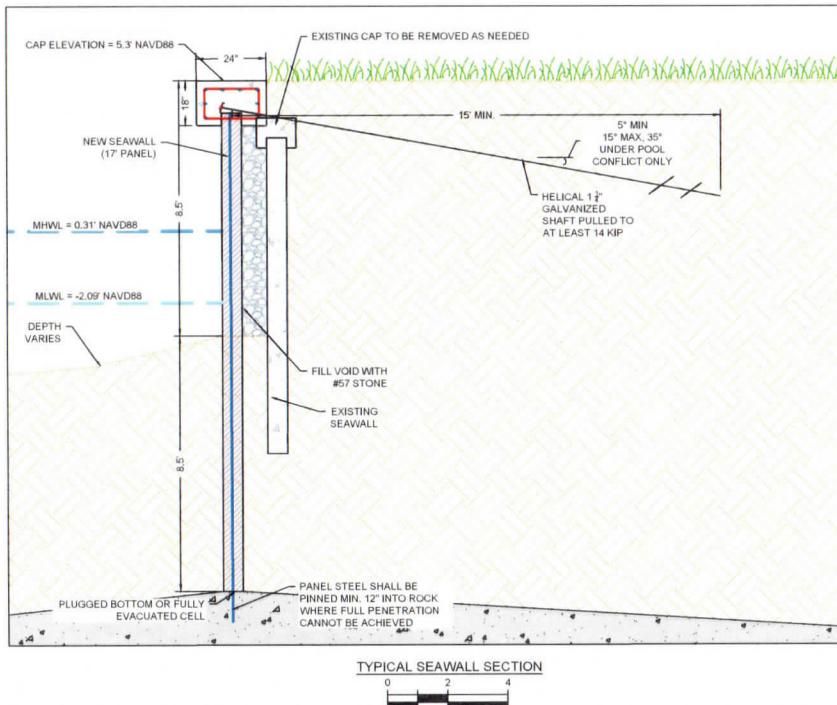
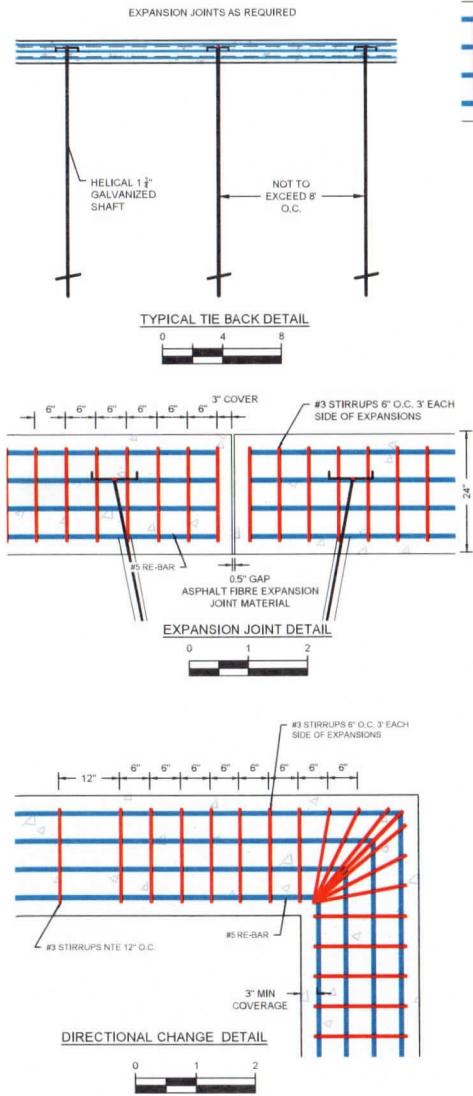


3" MINIMUM CLEARANCE  
TYPICAL CAP DETAIL  
0 1 2



## TRULINE 800 SERIES - REBAR PLACEMENT

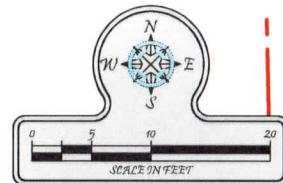
### REINFORCED SECTIONS 1 REBAR



# 2830 NE 8TH CT DOCK PLAN

TURBELL HALL & ASSOCIATES, INC.  
Name: E. Environmental Consulting  
Address: 1584 Encino Ave, Suite B  
Phone: (305) 467-2722 / Fax: (305) 467-0632  
Email: turbhall@turbhallinc.com  
RY NO: 5875

RMU		C200	
REF ID:	J-1	REF ID:	04-26-23
Rev:	0	Rev:	0
Date:	22/17/02	Date:	04-26-23
Page:	1	Page:	1
DOCK PLAN			



SITE ADDRESS:  
2830 NE 8TH CT  
POMPANO BEACH, FL 33062

## SPECIFICATIONS:

- ⇒ WOOD DOCK PILES - 10" Ø 2.5 PCF CCA 10' MIN. PENETRATION INTO SUBSTRATE TO FIRM BEARING
- ⇒ PILING WRAP - PVC WRAP ALL PILES FROM 12" ABOVE MHWL TO 6" BELOW SUBSTRATE
- ⇒ CONCRETE DOCK PILES - 7.5" Ø TRULINE DOCK PILE - 10' MIN. PENETRATION INTO SUBSTRATE TO FIRM BEARING
- ⇒ CAP TIMBERS - 3"X10" 0.60 CCA NO. 1 SYP S4S
- ⇒ STRINGERS - 2"X8" 0.60 CCA NO. 1 SYP RC
- ⇒ DECKING
  - ⇒ 2"X6" WEARDECK OR 2"X6" IPE
  - ⇒ 5/8" Ø 304/305 SS BOLTS THROUGH PILES @ CAP TIMBERS AND STRINGERS
  - ⇒ 4"X4" BLOCKS & SPLICES BOLTED W/ 1/2" 304/305 SS BOLTS
  - ⇒ 3" NO.10 316 SS SQUARE DRIVE BUGLE HEAD SCREW FOR ALL DECKING OPTIONS
- ⇒ ALL STRINGERS NOT TO EXCEED 18" O.C.

PROPERTY LINE

EXISTING SEAWALL

NEW SEAWALL

90'

5'

10'

85'

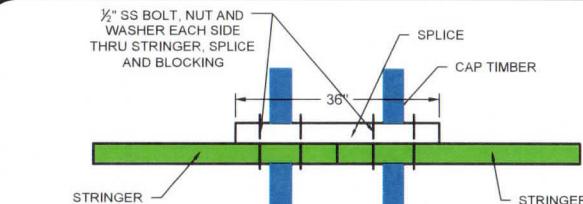
10'

NEW CONCRETE DOCK

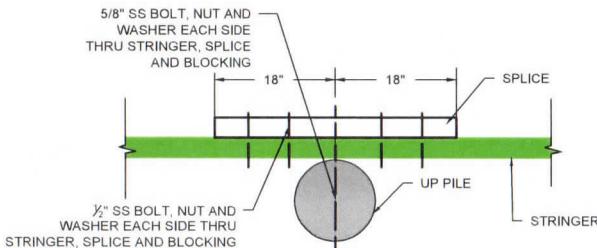
5'

10'

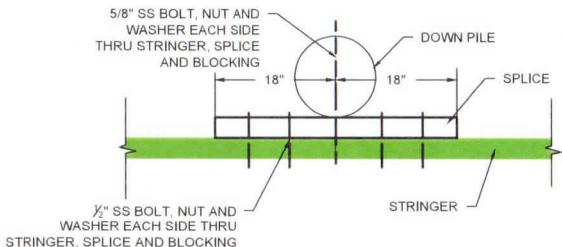
NEW CONCRETE DOCK



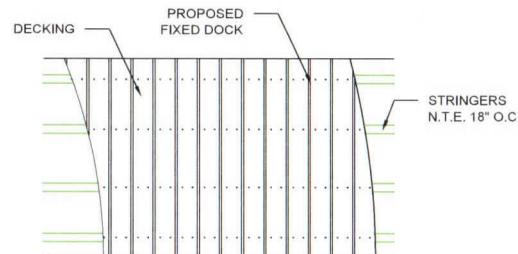
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NOT TO SCALE



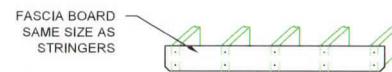
TYPICAL STRINGER SPLICE DETAIL WOOD UP PILE  
NOT TO SCALE



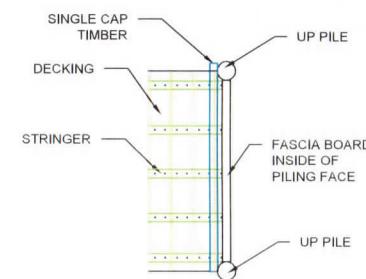
TYPICAL STRINGER SPLICING DETAIL  
WOOD DOWN PILE  
NOT TO SCALE



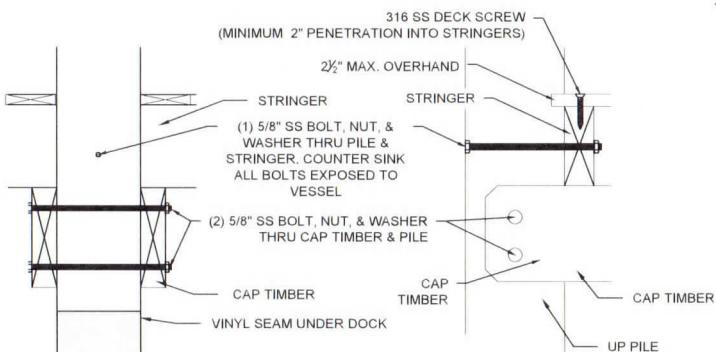
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NOT TO SCALE



TYPICAL FASCIA BOARD DETAIL  
NOT TO SCALE



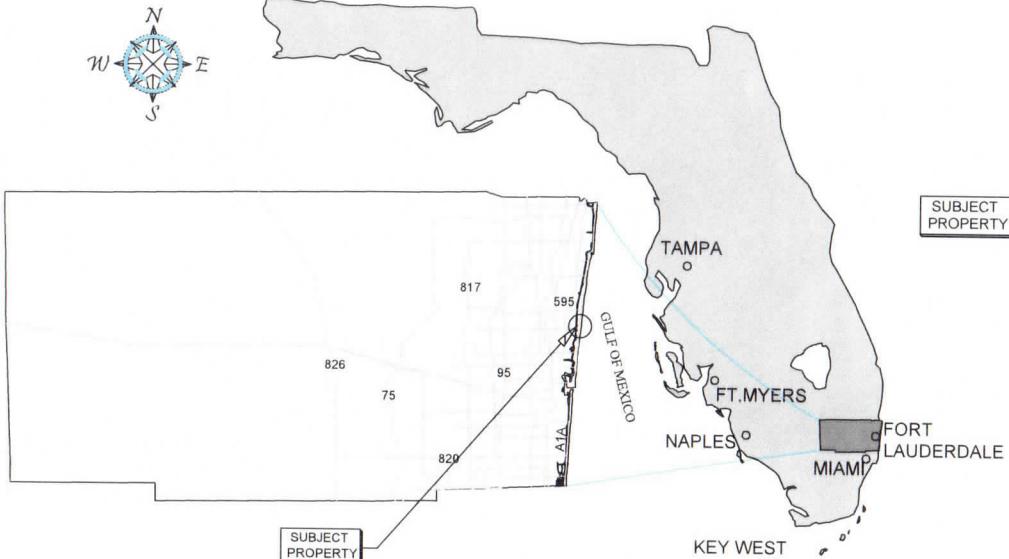
TYPICAL FASCIA  
BOARD PLAN DETAIL  
NOT TO SCALE



UP PILE & STRINGER DETAIL  
NOT TO SCALE

		<b>2830 NE 8TH CT</b>	
<b>DOCK DETAILS</b>			
<b>RMJ</b>	<b>PERMIT#</b>	<b>DATE</b>	<b>TIME</b>
<b>J-J</b>	<b>REC#</b>	<b>10/10/05</b>	<b>12:00:00</b>
<b>OWNER</b>			
<b>NAME</b>			
<b>DATE</b>			
<b>04-06-2005</b>			
<b>DOCK DETAILS</b>			
<b>TURBELL HALL &amp; ASSOCIATES, INC.</b> Marine & Environmental Consulting 3584 Executive Ave. Suite B Naples, FL 34104-3732 (239) 592-0670 (239) 592-4632 email: <a href="mailto:RYNO.5885@msn.com">RYNO.5885@msn.com</a> <b>RY NO. 5885</b>			

# STATE OF FLORIDA



## **BROWARD COUNTY**

**SITE ADDRESS:**

## NOTES:

<> THESE DRAWINGS ARE FOR CONSTRUCTION PURPOSES ONLY



Digitally signed  
by Todd T Turrell  
Date: 2023.06.12  
14:19:21 -04'00'

---

**TODD T. TURRELL**  
REGISTERED PROFESSIONAL ENGINEER  
LICENCE NO. 26552

DATE: June 12, 2023

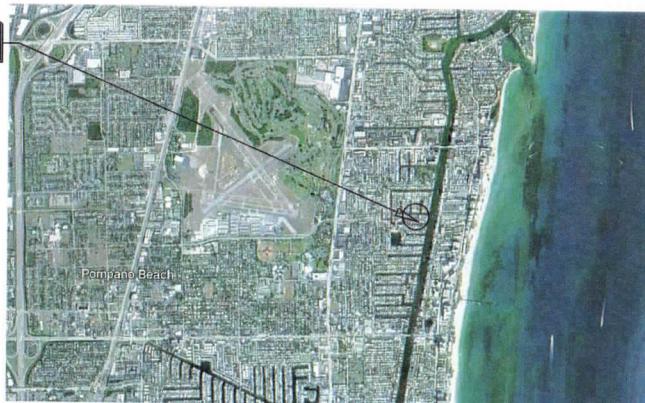
TODD T. TURRELL STATE OF FLORIDA, PROFESSIONAL ENGINEER,  
LICENSE NO. 39659. THIS ITEM HAS BEEN ELECTRONICALLY SIGNED  
AND SEALED BY TODD T. TURRELL, P.E. USING A DIGITAL SIGNATURE.  
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED  
AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY  
ELECTRONIC COPIES

2840 NE 8TH CT	
Sheet Number	Sheet Title
G100	LOCATION PAGE
C100	EXISTING CONDITIONS
S100	SEAWALL PLAN
S101	SEAWALL DETAILS
C200	DOCK PLAN
C201	DOCK DETAILS



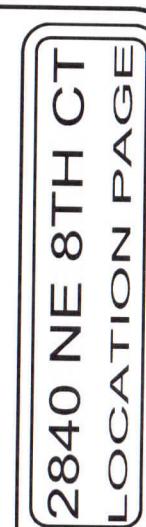
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## VICINITY MAP



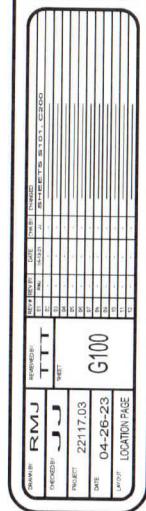
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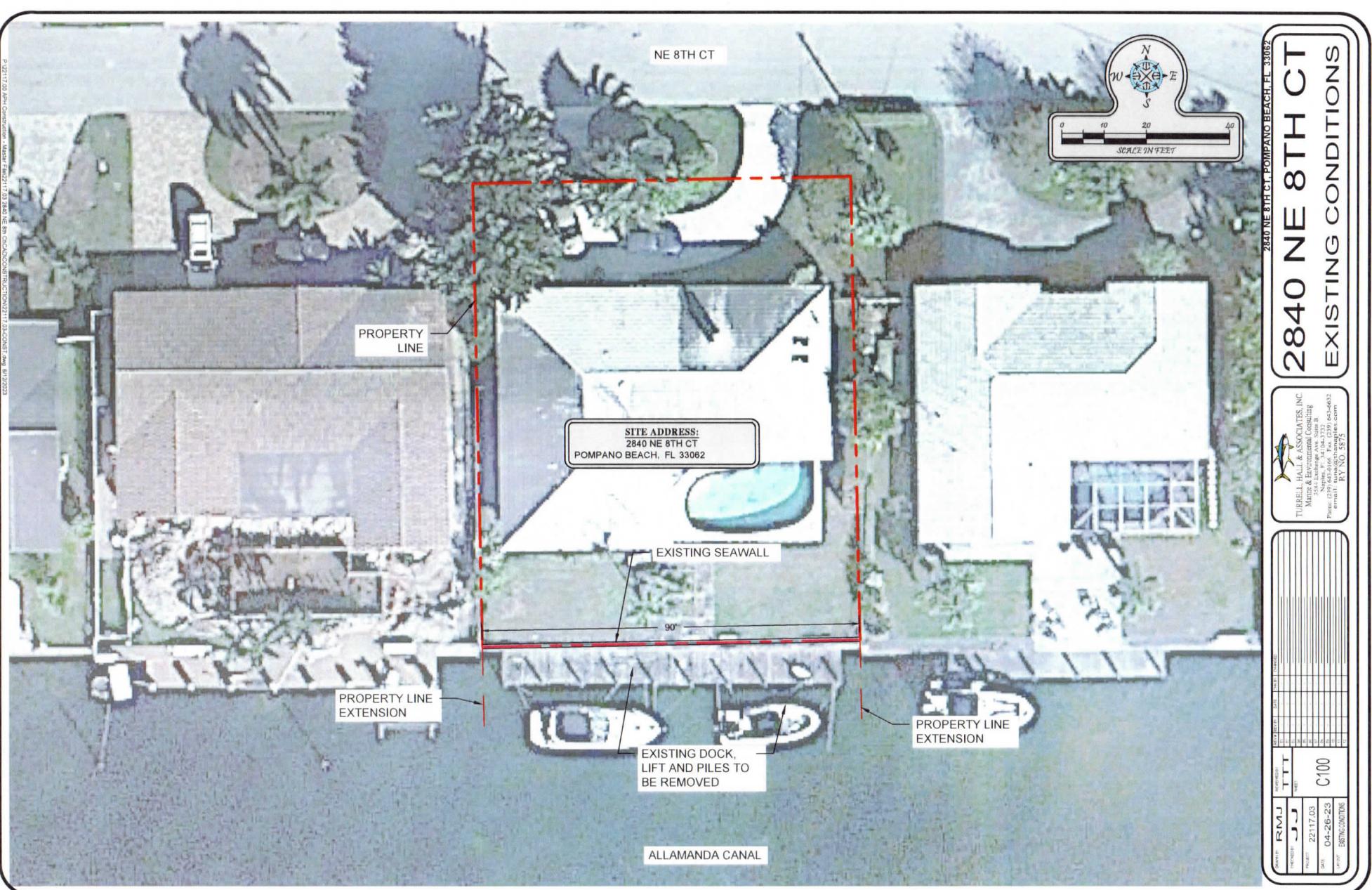
## COUNTY AERIAL



HALL & ASSOCIATES, INC.  
Environmental Consulting  
Exchanging Ave. Suite B,  
Sarasota, FL 34104-3732  
(941) 864-3-066 Fax: (239) 643-6623

**WILFRED HALL & ASSOCIATES, INC.**  
Marine & Environmental Consulting  
3364 Exchange Street B.  
Naples, FL 34104-3732  
(239) 631-0166 Fax (239) 643-6633  
email: [tunow@thamples.com](mailto:tunow@thamples.com)  
RY NO. 5875





1ST TIEBACK  
TO BE FIELD  
ADJUSTED TO 2'  
FROM PROPERTY  
LINE

PROPERTY LIM  
EXTENSION

## HELICA

N.T.E. 8'

EXPANSION JOINT  
WITH TIEBACK WITHIN  
2' EACH WAY

#### — EXISTING SEAWALL TO REMAIN

NEW  
WOOD  
DOC

— FIRST TIEBACK  
TO BE FIELD  
ADJUSTED TO 2  
FROM RETURN

NEW SEAWALL TO  
ENTOMB EXISTING  
SEAWALL

## — PROPERTY LINE EXTENSION

**NOTES:**

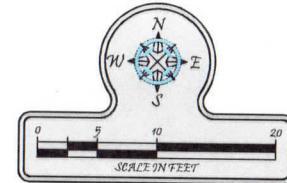
- HELICAL: 14" SINGLE OR 10/12 HELIX CHANCE OR DSMS HELICAL WITH MINIMUM 1 1/2" SHAFT HDG MINIMUM ROD LENGTH 15'
- CONTRACTOR SHALL SUBMIT THEIR LATEST CALIBRATION ON HELICAL DRIVER TO EOR FOR THEIR RECORDS AND APPROVAL (MUST BE LESS THAN 12 MONTHS OLD)
- ROD LENGTH MAY VARY IN FIELD BASED ON REQUIRED TORQUE, MINIMUM ROD LENGTH OR FIELD PULL TEST
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- ENVIRONMENTAL PERMITTING BY OTHERS

## ALLAMANDA CANAL

## SEAWALL NOTES:

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- MINIMUM PENETRATION 50% OF PANEL LENGTH.
- ALL STEEL TO BE ASTM GRADE 60.
- ALL OVERLAPS OF CONTINUOUS STEEL TO BE A MINIMUM OF 24" UNLESS OTHERWISE NOTED.
- ALL CONCRETE TO BE 5,000 PSI FLORIDA DOT CLASS IV SPECS WITH A 0.4 WATER/CEMENT RATIO WITH #57 STONE LARGE AGGREGATE FOR TRUCK MIXES AND #89 STONE FOR LARGE AGGREGATE FOR PUMP MIXES.
- NO PANEL CUT-OFFS WITHOUT EOR APPROVAL
- REBAR SHALL BE PINNED 12" INTO ROCK IF ROCK IS ENCOUNTERED

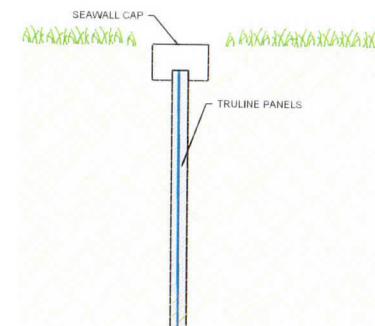
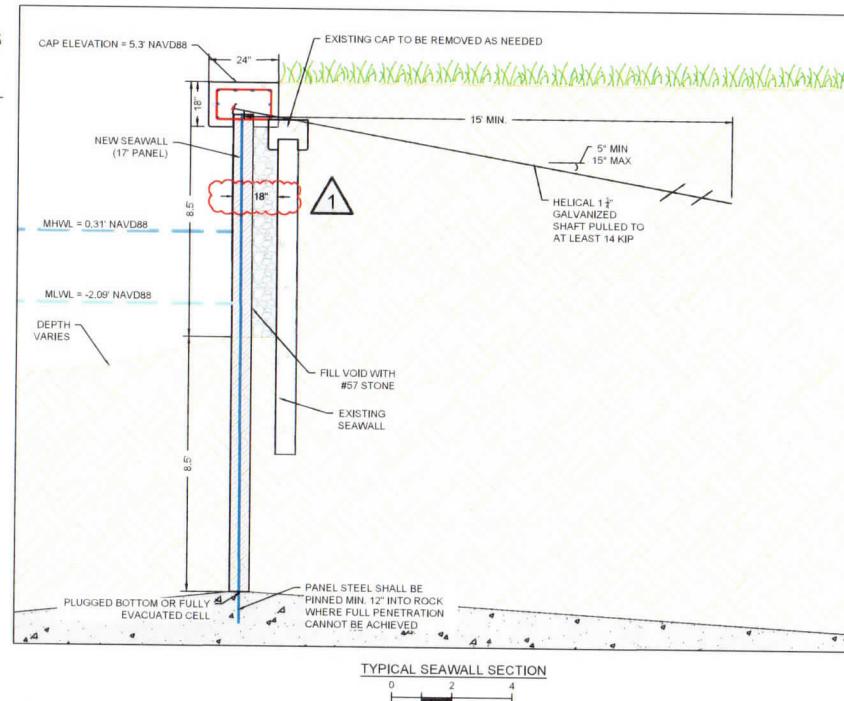
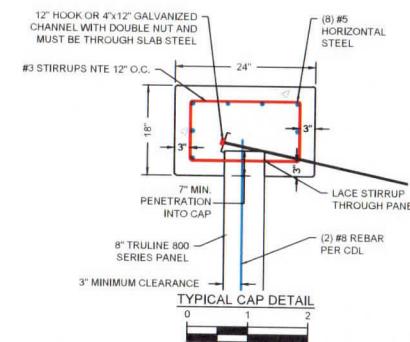
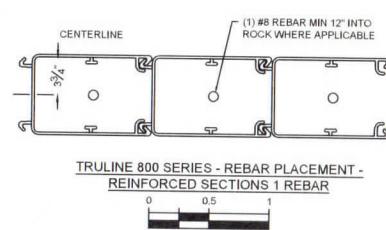
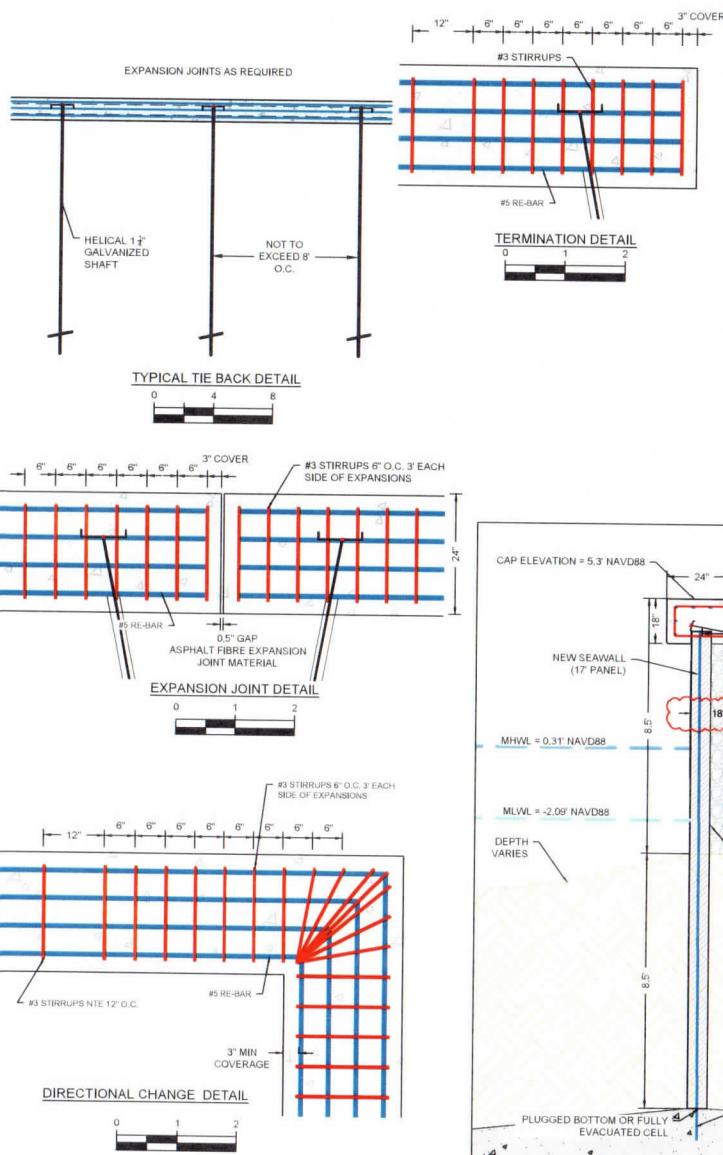
**SITE ADDRESS:**  
2840 NE 8TH CT  
POMPANO BEACH, FL 33062



**2840 NE 8TH CT  
SEAWALL PLAN**

**TURRELL, HALL & ASSOCIATES, INC.**  
Maine & Environmental Consulting  
3584 Exchange Ave. Suite B  
Naples, FL 341-1732  
(239) 641-0166 Fax: (239) 641-6633  
email: tura@naples.com  
RY NO. 3875

P:\22117.00\APH\Construction - Master File\22117.03 2840 NE 8th CMCAD\CONSTRUCTION\22117.03-CONST.dwg 6/12/2023



TYPICAL SEAWALL RETURN SECTION

**2840 NE 8TH CT  
SEAWALL DETAILS**

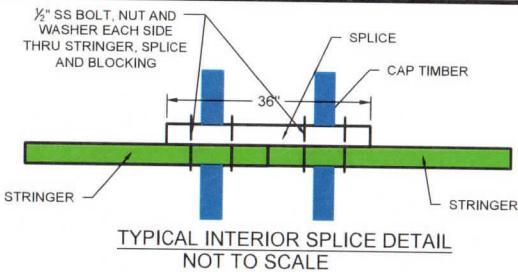


HALL & ASSOCIATES, INC.  
Environmental Consulting  
100 Exchange Ave., Suite B  
Ft. Lauderdale, FL 33316-3732  
(305) 663-6016 Fax: (319) 663-6632  
[www.hallassociates.com](http://www.hallassociates.com)  
RY NO. 5875

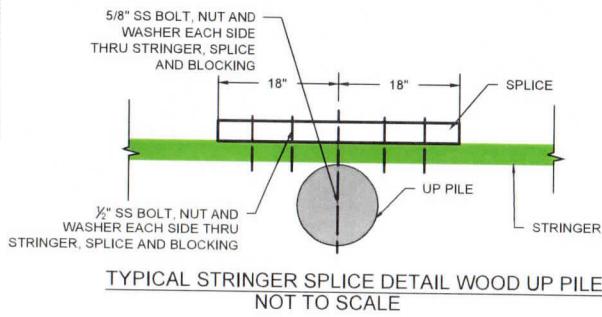
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THEATER:	J	TYPE:	
ROLE:	22/11/7.03	ACT:	
LOT:	04-26-23	STORY:	S101
LAB/BL: 55ML/25ML			



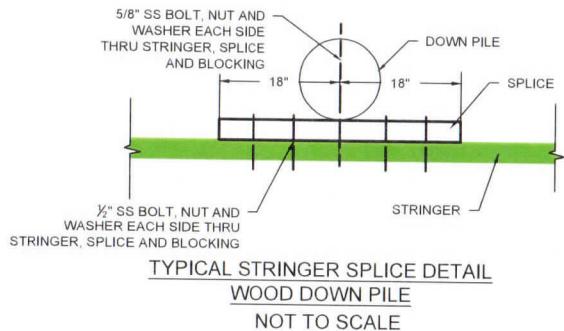
1-122-117-000 AUPH CONSTRUCTION - MASTER FILE 12-117-03 2840 NE 8th CHICAGO CONSTRUCTION 2117-03-CONST.dwg 6/12/2023



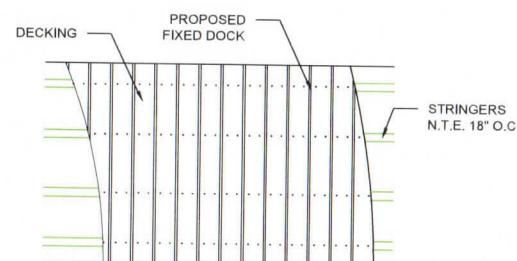
TYPICAL INTERIOR SPLICE DETAIL  
NOT TO SCALE



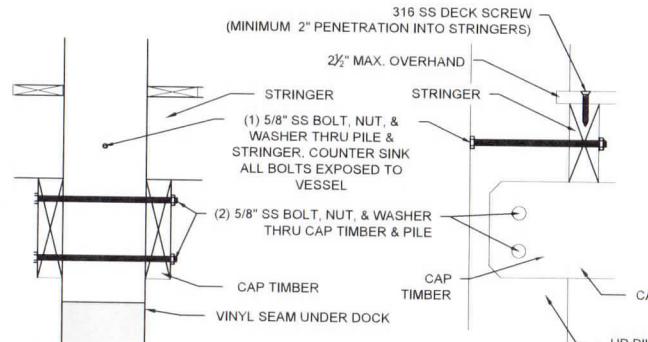
TYPICAL STRINGER SPLICING DETAIL WOOD UP PILE  
NOT TO SCALE



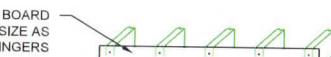
TYPICAL STRINGER SPLICING DETAIL  
WOOD DOWN PILE  
NOT TO SCALE



TYPICAL PROPOSED FIXED DOCK DETAIL  
NOT TO SCALE



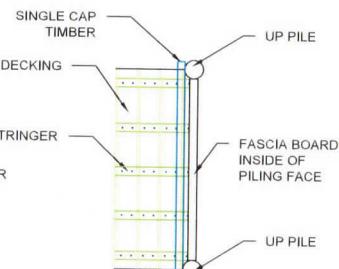
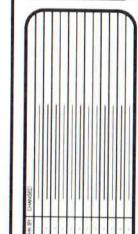
UP PILE & STRINGER DETAIL  
NOT TO SCALE



TYPICAL FASCIA BOARD DETAIL  
NOT TO SCALE

2840 NE 81st G. BOMBARDIER 1-22072

2840 NE 81st Ct  
DOCK DETAILS



TYPICAL FASCIA  
BOARD PLAN DETAIL  
NOT TO SCALE

Customer ID:	RMJ	Entered By:	T-T
Customer Name:	J-J	Entered By:	
Phone No.:	22117-03	Date:	04-26-23
		DOCK DETAILS	