

ENGINEER IS NOT RESPONSIBLE FOR ON-SITE OR OFF-SITE DAMAGES TO EXISTING STRUCTURES DUE TO CONSTRUCTION ACTIVITIES.

WIND LOAD INFO:  
 $V_{asd} = 124$  mph  
 $V_{ult} = 160$  mph (3 sec. GUST)  
 RISK CATEGORY I  
 Exposure D

# DUNE WALKOVER CONSTRUCTION

ATLANTIC OCEAN FRONTAGE  
 MERCURY ROAD (JB - 6)  
 TOWN OF JUNO BEACH  
 PALM BEACH COUNTY, FLORIDA

LOADS:  
 THE DUNE WALKOVER SUPER STRUCTURE (INCLUDING BENTS, STRINGERS, AND DECKING) AND NEW PILES HAVE BEEN DESIGNED FOR A VERTICAL LIVE LOAD OF 100 PSF, DEAD LOADS ASSOCIATED WITH THE STRUCTURE ITSELF, AND WIND LOADS PER CODE. THE STRUCTURE HAS NOT BEEN DESIGNED FOR SCOUR, OR HYDRODYNAMIC LOADS (INCLUDING BUT NOT LIMITED TO WAVE LOADS, CURRENT LOADS, ETC.).

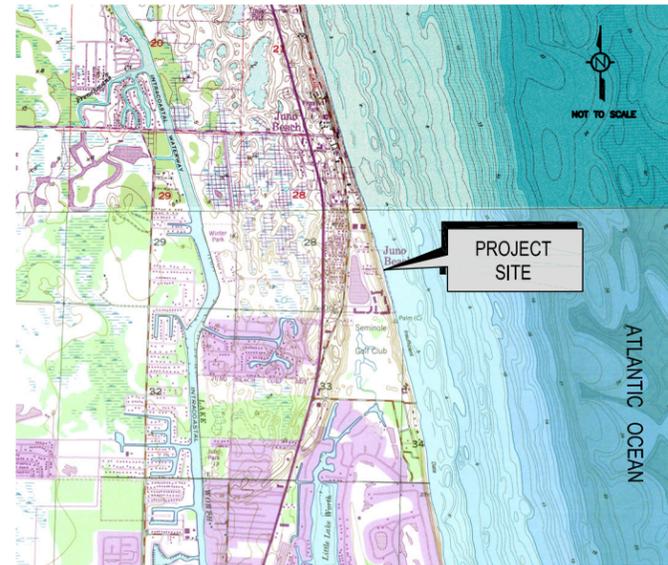
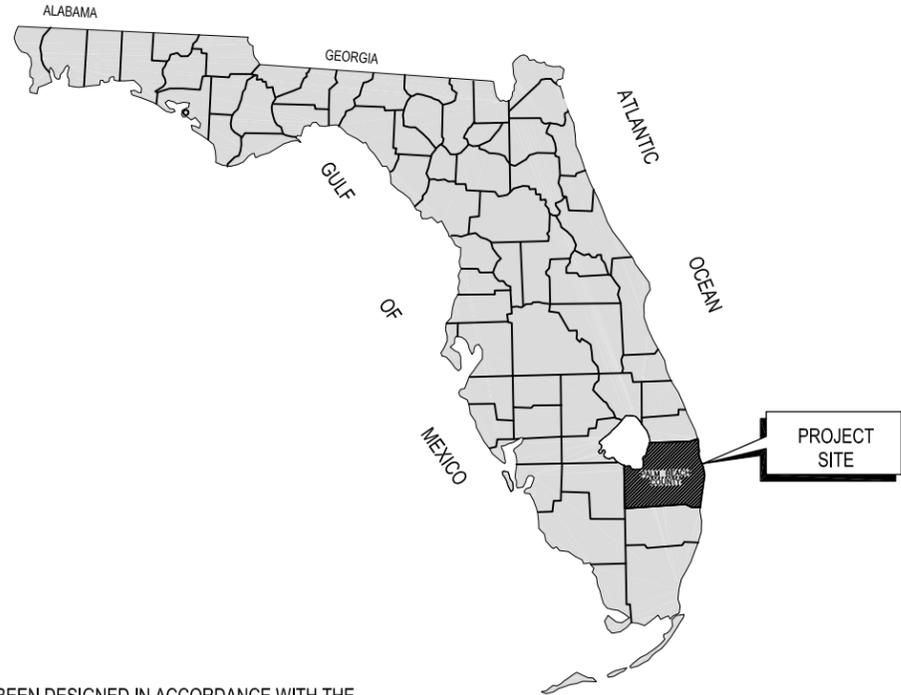
ENGINEER MAKES NO WARRANTY OR CERTIFICATION REGARDING EXISTING STRUCTURES (INCLUDING EXISTING PILES) ONSITE.

CLIENT:  
**TOWN OF JUNO BEACH**

OCTOBER 2021

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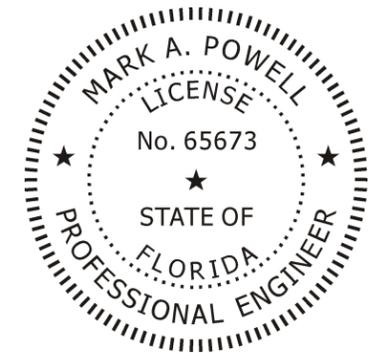
SHEET NUMBER	TITLE
1	VICINITY MAP & TITLE SHEET
2	SITE PLAN
3	FRAMING PLAN & PILE LAYOUT PLAN
4	PLATFORM DETAIL
5	SOUTH ELEVATIONS
6	BENCH DETAILS
7	DETAILS



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APPLICABLE PROVISION(S):  
 THE DUNE WALKOVER HAS BEEN DESIGNED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE 2020 FLORIDA BUILDING CODE.

NOTE:  
 THESE PLANS MUST BE USED IN CONJUNCTION WITH THE ATTACHED TECHNICAL SPECIFICATIONS.

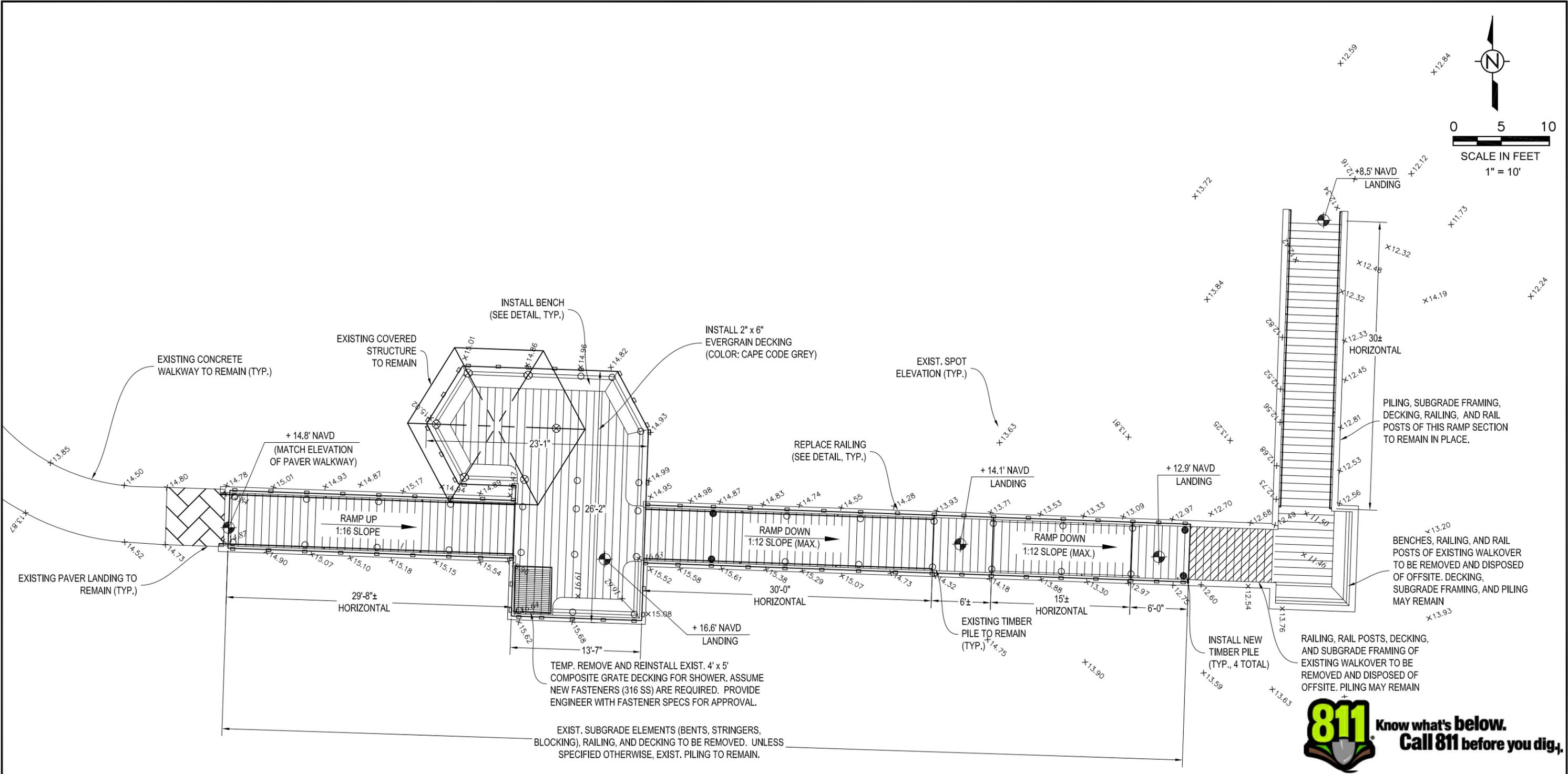
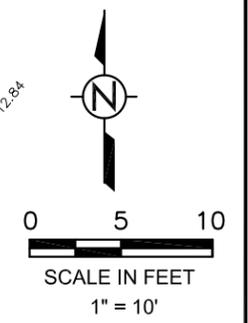


**VICINITY MAP & TITLE SHEET**

**ISIMINGER & STUBBS ENGINEERING, INC.**  
 COASTAL • ENVIRONMENTAL • MARINE  
 REGISTRY NUMBER: 8114  
 P.O. BOX 14702 - NORTH PALM BEACH, FL. 33408 - 561-881-0003

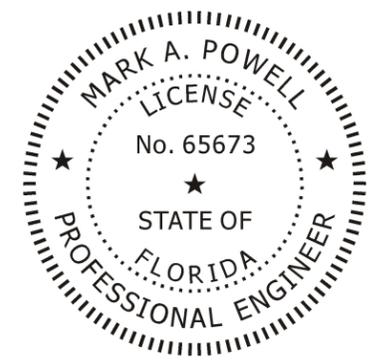
DUNE WALKOVER CONSTRUCTION  
 ATLANTIC OCEAN FRONTAGE  
 MERCURY ROAD (JB-6)  
 TOWN OF JUNO BEACH, PALM BEACH COUNTY, FL  
 CLIENT: TOWN OF JUNO BEACH

DATE	10/21	DRAWN	PJK	CHKD	KDB	APPRVD	MAP	
DWG NO.	21171C1						SHEET	<b>1</b>
COMPUTER FILE NO.	21171C						OF 7	



- NOTES:
1. DATUM IS NAVD.
  2. EXISTING CONDITIONS ARE APPROXIMATE BASED ON SURVEY BY LEGACY SURVEYING AND MAPPING, INC. (DATED 9/10/21) AND ON-SITE OBSERVATIONS.
  3. CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO PROTECT ALL EXISTING STRUCTURES ON-SITE AND ON NEIGHBORING PROPERTIES FROM DAMAGE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS TO EXISTING STRUCTURES AND VEGETATION SHOULD ANY DAMAGE OCCUR.
  4. SOME TRIM ELEMENTS NOT SHOWN. CONTRACTOR TO CONFIRM DETAILING OF TRIM ELEMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

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SITE PLAN					
<b>ISIMINGER &amp; STUBBS ENGINEERING, INC.</b>					
<small>COASTAL • ENVIRONMENTAL • MARINE REGISTRY NUMBER: 8114 P.O. BOX 14702 - NORTH PALM BEACH, FL. 33408 - 561-881-0003</small>					
<b>DUNE WALKOVER CONSTRUCTION ATLANTIC OCEAN FRONTAGE MERCURY ROAD (JB-6) TOWN OF JUNO BEACH, PALM BEACH COUNTY, FL CLIENT: TOWN OF JUNO BEACH</b>					
DATE	10/21	DRAWN	PJK	CHKD	APPRVD
DWG NO.	21171D2			SHEET	
COMPUTER FILE NO.	21171D			OF 7	
					<b>2</b>

**PRODUCT NOTES:**

**WOOD:**

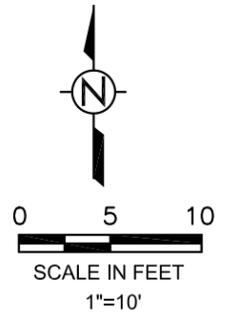
ALL STRUCTURAL MEMBERS SHALL BE PRESSURE TREATED ("GROUND CONTACT", AWPA CATEGORY UC4B MINIMUM EQUIVALENT) NO. 1 SOUTHERN YELLOW PINE OR BETTER.

**HARDWARE:**

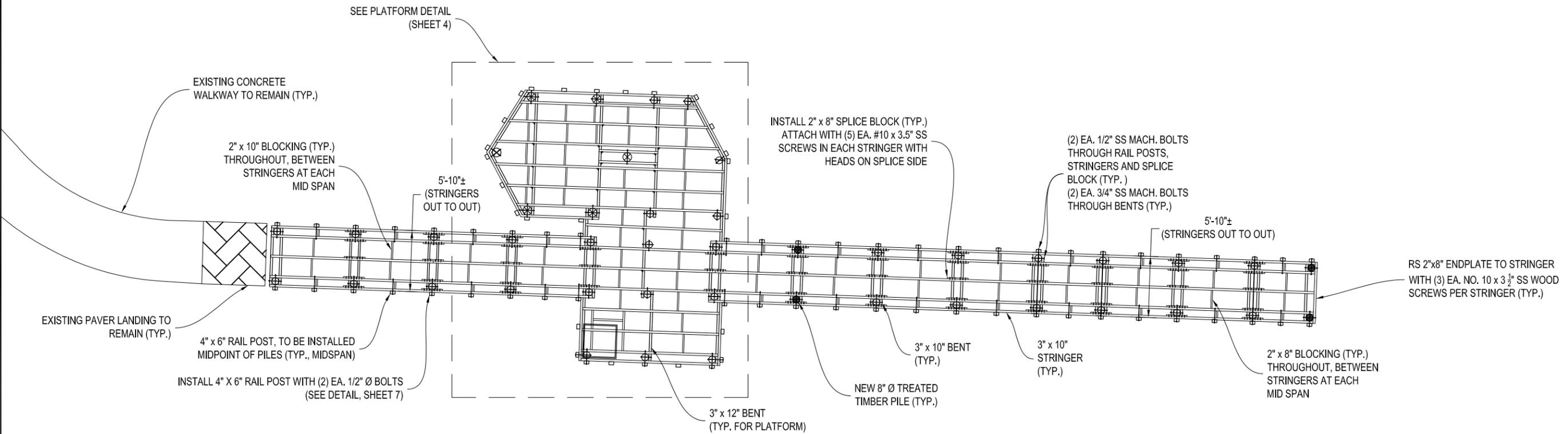
ALL BOLTS, WASHERS, NUTS, SCREWS, NAILS, AND OTHER HARDWARE ITEMS SHALL BE 316 STAINLESS. THREADED ROD MAY BE USED IN PLACE OF HEX HEAD BOLTS FOR BOLTS LONGER THAN 7".

**DECKING:**

DECKING SHALL CONSIST OF 2" x 6" EVERGRAIN® DECKING (COLOR: CAPE COD GREY). END-TO-END JOINTS ARE NOT ALLOWED. DECKING SHALL BE INSTALLED WITH (2) EA. #10 X 3 1/2" DECK SCREWS PER STRINGER CROSSING. GAP BOARDS 1/8" SIDE TO SIDE AND BETWEEN THE BOARDS AND OTHER SURFACES. PRE-DRILLING/COUNTERSINKING IS REQUIRED SUCH THAT THE TOP OF SCREWS ARE FLUSH WITH OR NO LOWER THAN 1/32" BELOW THE TOP OF DECKING. ALL OTHER MANUFACTURER INSTALLATION REQUIREMENTS (INCLUDING BOARD EDGE SPACING) SHALL BE FOLLOWED.



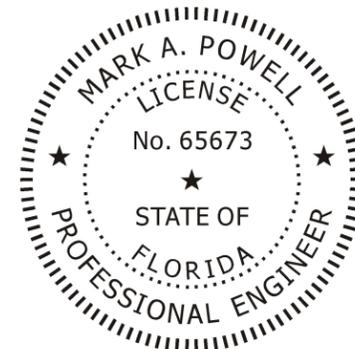
CONTRACTOR TO PROVIDE PRICE TO REPLACE 8" TIMBER PILES IF ENGINEER DEEMS THEM STRUCTURALLY DEFICIENT DURING OR IMMEDIATELY AFTER DEMOLITION.



**NOTES:**

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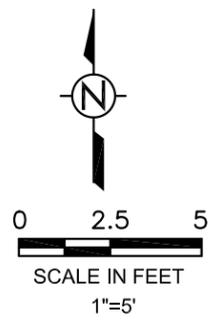
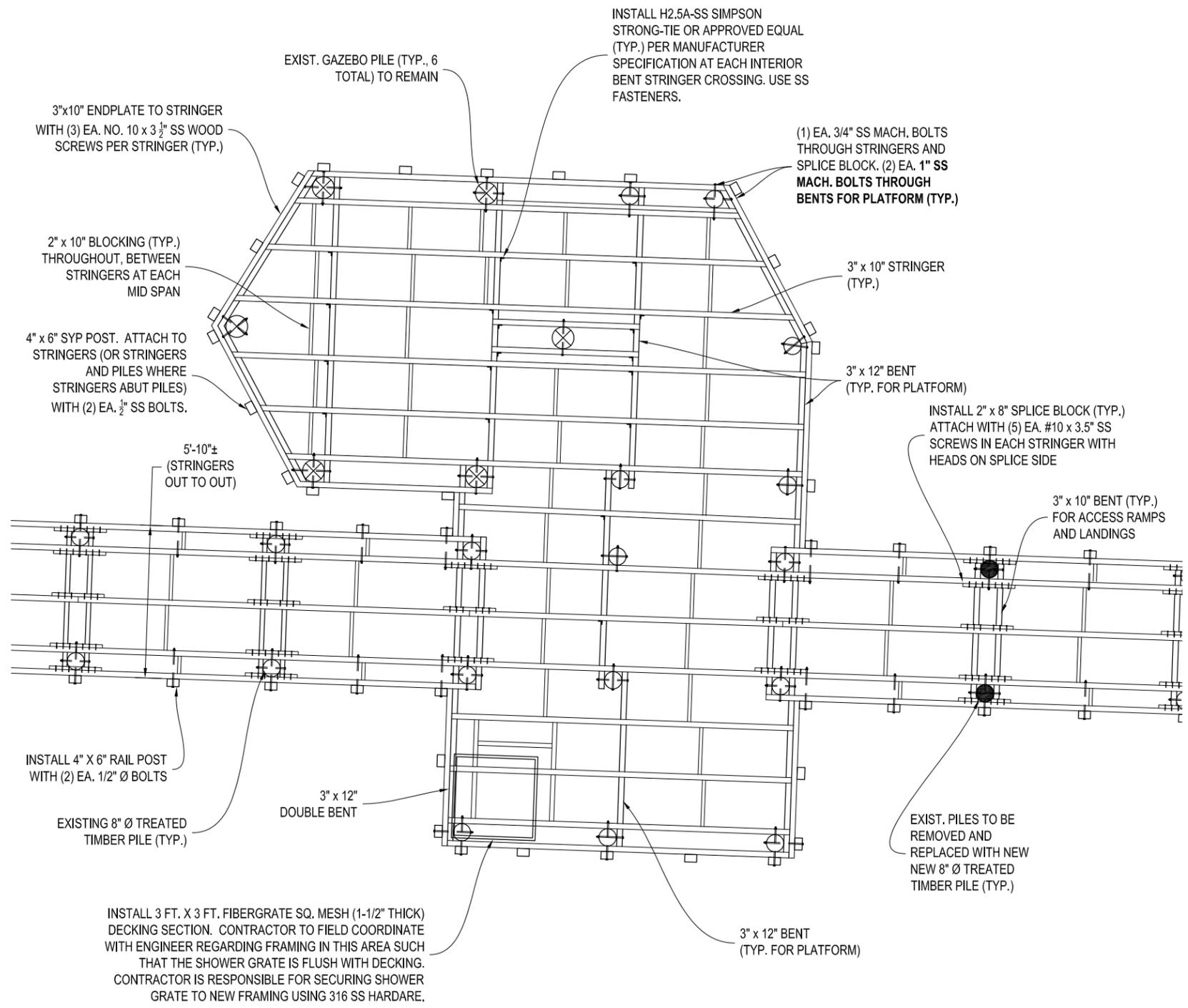
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**FRAMING PLAN & PILE LAYOUT**

<b>ISIMINGER &amp; STUBBS ENGINEERING, INC.</b> <small>COASTAL • ENVIRONMENTAL • MARINE                  REGISTRY NUMBER : 8114                  P.O. BOX 14702 - NORTH PALM BEACH, FL. 33408 - 561-881-0003</small>					
<b>DUNE WALKOVER CONSTRUCTION                  ATLANTIC OCEAN FRONTAGE                  MERCURY ROAD (JB-6)                  TOWN OF JUNO BEACH, PALM BEACH COUNTY, FL                  CLIENT: TOWN OF JUNO BEACH</b>					
DATE	10/21	DRAWN	PJK	CHKD	APPRVD
DWG NO.	21171C3			SHEET	
COMPUTER FILE NO.	21171C			OF 7	

CONTRACTOR TO PROVIDE PRICE TO REPLACE 8" TIMBER PILES IF ENGINEER DEEMS THEM STRUCTURALLY DEFICIENT DURING OR IMMEDIATELY AFTER DEMOLITION.



**PRODUCT NOTES:**

**WOOD:**

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**HARDWARE:**

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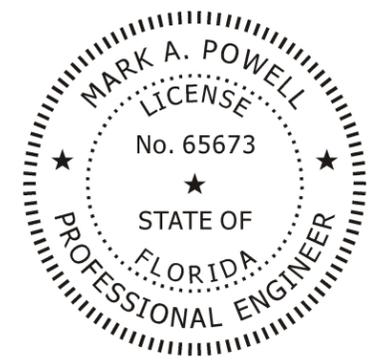
**DECKING:**

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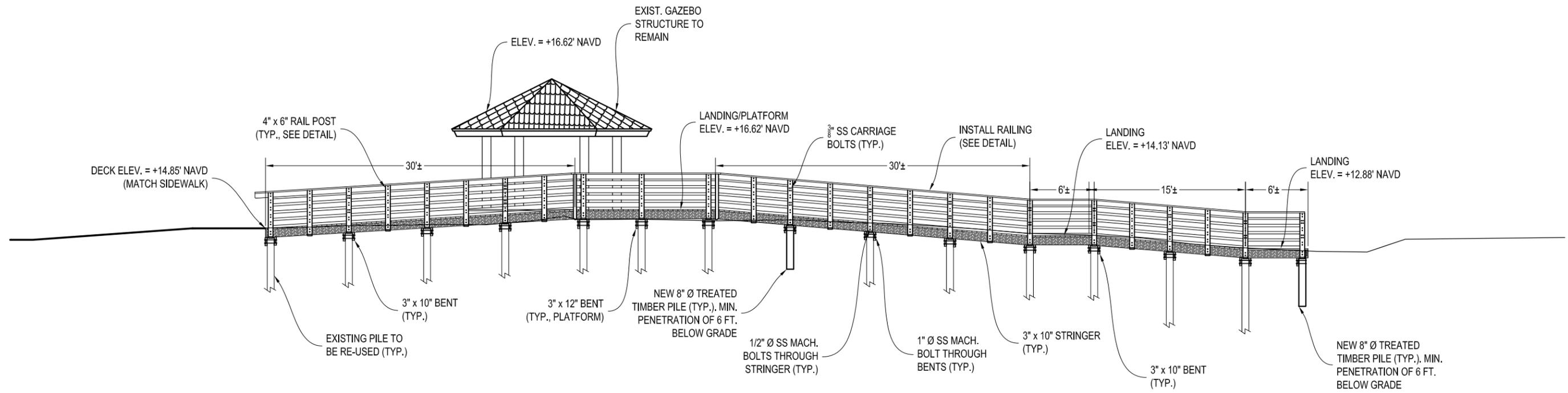
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**PLATFORM DETAIL**

 ISIMINGER & STUBBS ENGINEERING, INC. COASTAL • ENVIRONMENTAL • MARINE REGISTRY NUMBER: 8114 P.O. BOX 14702 - NORTH PALM BEACH, FL. 33408 - 561-881-0003							
DUNE WALKOVER CONSTRUCTION ATLANTIC OCEAN FRONTAGE MERCURY ROAD (JB-6) TOWN OF JUNO BEACH, PALM BEACH COUNTY, FL CLIENT: TOWN OF JUNO BEACH							
DATE	10/21	DRAWN	PJK	CHKD	KDB	APPRVD	MAP
DWG NO.	21171C4					SHEET	
COMPUTER FILE NO.	21171C					OF 7	
							<b>4</b>



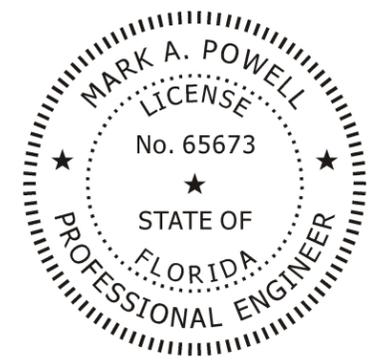
**SOUTH ELEVATION**



**NOTES:**

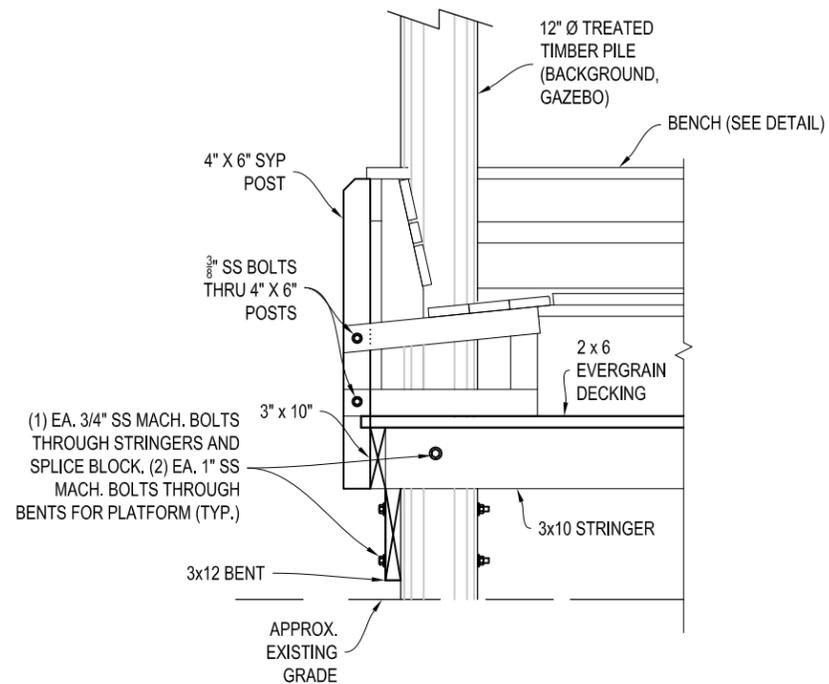
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4. ALL BOLTS, WASHERS, NUTS, SCREWS, NAILS, AND OTHER HARDWARE ITEMS SHALL BE 316 STAINLESS STEEL UNLESS SPECIFIED OTHERWISE. ALL BOLTS SHALL HAVE POLISHED FINISH. THREADED ROAD MAY BE SUBSTITUTED FOR BOLTS LONGER THAN 7".
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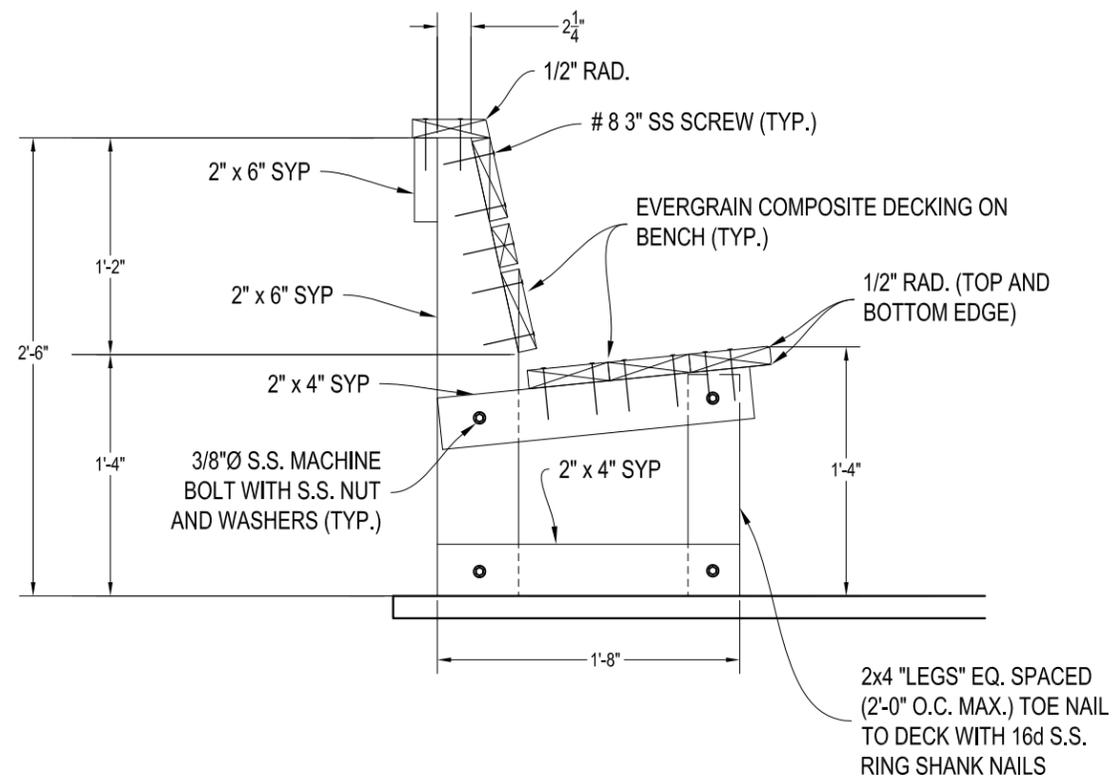
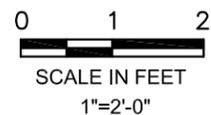


**SOUTH ELEVATIONS**

 <p><b>ISIMINGER &amp; STUBBS ENGINEERING, INC.</b></p> <p>COASTAL • ENVIRONMENTAL • MARINE REGISTRY NUMBER: 8114 P.O. BOX 14702 - NORTH PALM BEACH, FL. 33408 - 561-881-0003</p>							
<p><b>DUNE WALKOVER CONSTRUCTION ATLANTIC OCEAN FRONTAGE MERCURY ROAD (JB-6) TOWN OF JUNO BEACH, PALM BEACH COUNTY, FL CLIENT: TOWN OF JUNO BEACH</b></p>							
DATE	10/21	DRAWN	PJK	CHKD	KDB	APPRVD	MAP
DWG NO.	21171C5			SHEET		OF 7	
COMPUTER FILE NO.	21171C					<b>5</b>	



**GAZEBO BENCH SECTION**



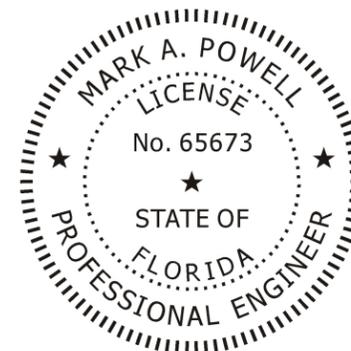
**TYPICAL BENCH DETAIL**



**NOTES:**

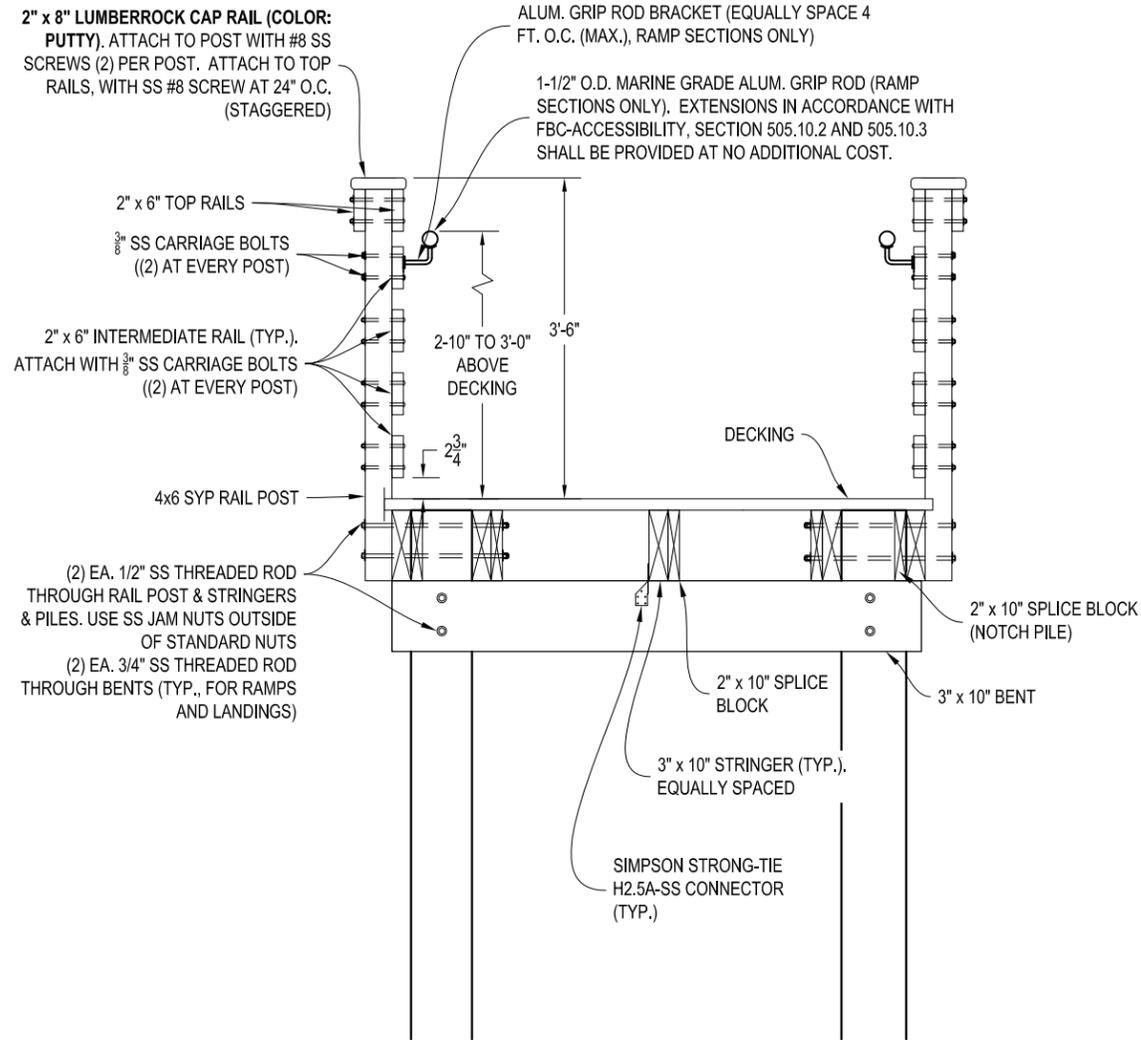
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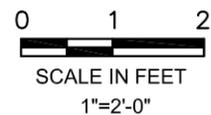


**BENCH DETAILS**

 COASTAL • ENVIRONMENTAL • MARINE REGISTRY NUMBER: 8114 P.O. BOX 14702 - NORTH PALM BEACH, FL. 33408 - 561-881-0003							
DUNE WALKOVER CONSTRUCTION ATLANTIC OCEAN FRONTAGE MERCURY ROAD (JB-6) TOWN OF JUNO BEACH, PALM BEACH COUNTY, FL CLIENT: TOWN OF JUNO BEACH							
DATE	10/21	DRAWN	PJK	CHKD	KDB	APPRVD	MAP
DWG NO.	21171C6					SHEET	
COMPUTER FILE NO.	21171C					OF 7	

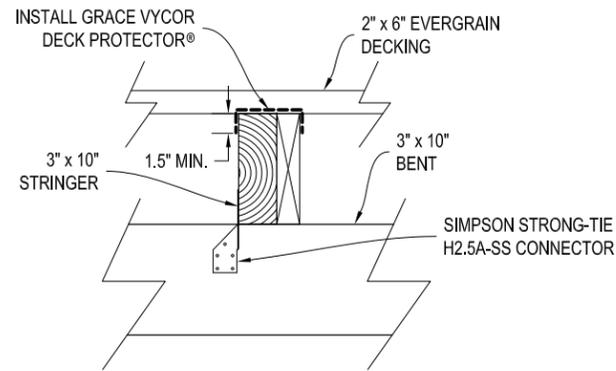


**TYPICAL SECTION  
DETAIL AT PILE**

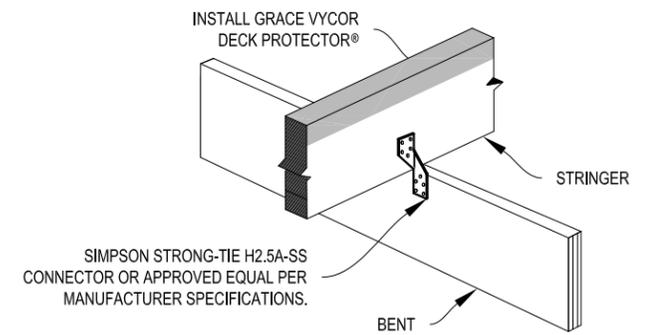
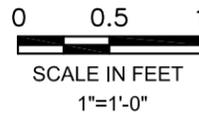


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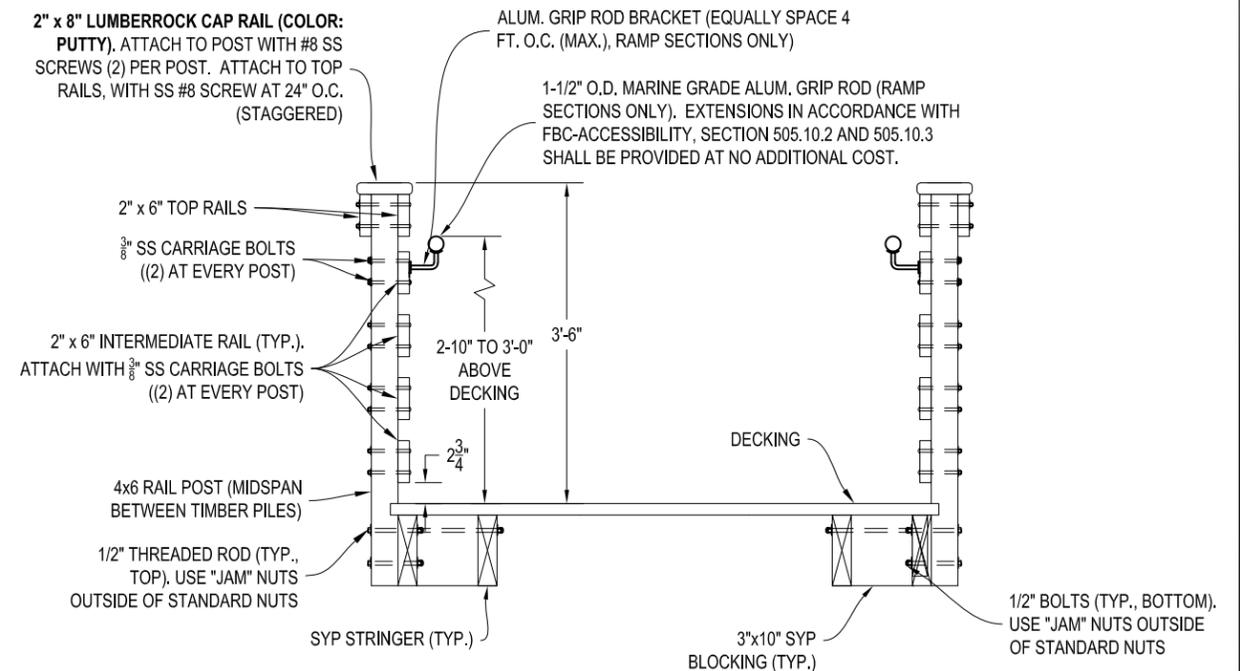


**GRACE VYCOR DETAIL**



**STRINGER/BENT DETAIL**

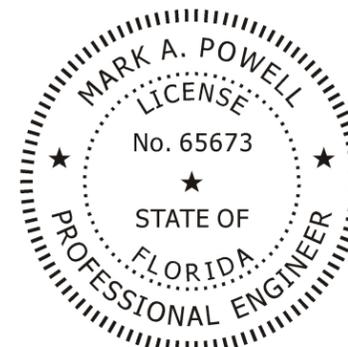
NOT TO SCALE



**TYPICAL SECTION DETAIL AT  
INTERMEDIATE RAIL POST**



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**DETAILS**

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<b>DUNE WALKOVER CONSTRUCTION</b> <b>ATLANTIC OCEAN FRONTAGE</b> <b>MERCURY ROAD (JB-6)</b> <b>TOWN OF JUNO BEACH, PALM BEACH COUNTY, FL</b> <b>CLIENT: TOWN OF JUNO BEACH</b>							
DATE	10/21	DRAWN	PJK	CHKD	KDB	APPRVD	MAP
DWG NO.	21171C7					SHEET	
COMPUTER FILE NO.	21171C					OF 7	