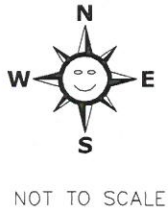


LIZA JACKSON PARK DOCK AND BOARDWALK REPLACEMENT VICINITY MAP



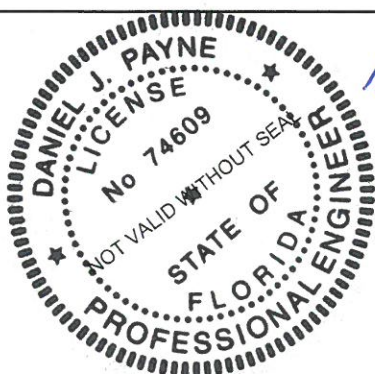
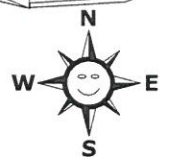
LOCATION MAP



DANIEL J. PAYNE
FLORIDA PE NO. 74609

**REPAIR
AREA**

SANTA ROSA SOUND

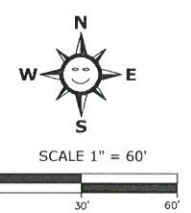
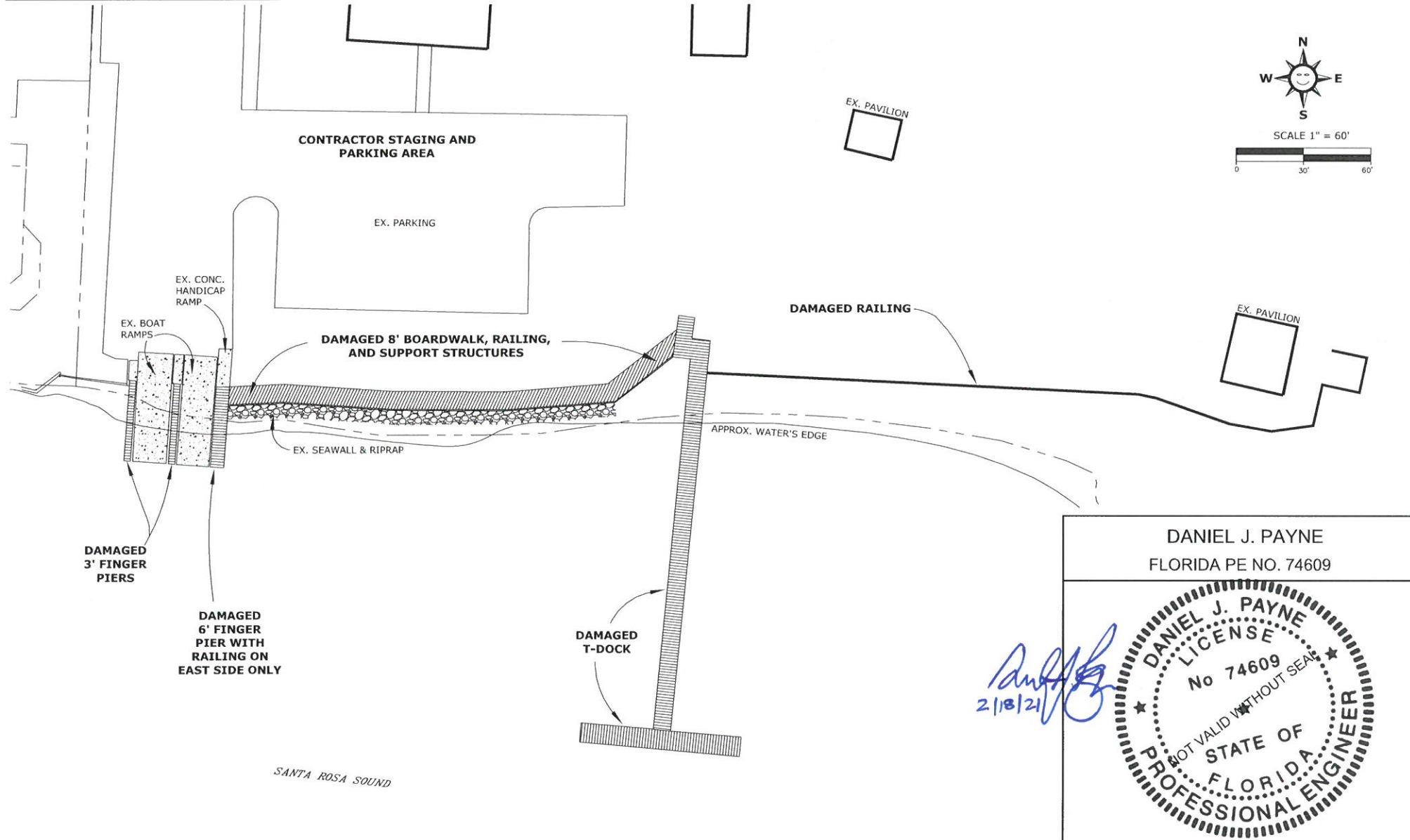


P:\Engineering-CD\PARKS-RECREATION\HURRICANE SALLY DOCK REPAIRS\LIZAJACKSON_DOCKS_2021 Letter Size.dwg

APPLICANT:	<u>FORT WALTON BEACH, CITY OF</u>	PURPOSE:	<u>REPAIR</u>
WATER BODY:	<u>SANTA ROSA SOUND</u>		SHEET # <u>1</u> OF 12
COUNTY:	<u>OKALOOSA</u>	ORIGINAL WORK	<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/>
DATUM:	<u>NAVD '88</u>	DATE:	<u>FEBRUARY 16, 2021</u>

LIZA JACKSON PARK DOCK AND BOARDWALK REPLACEMENT SITE PLAN - EXISTING CONDITIONS

REVISIONS		
DATE	DESCRIPTION	INITIALS



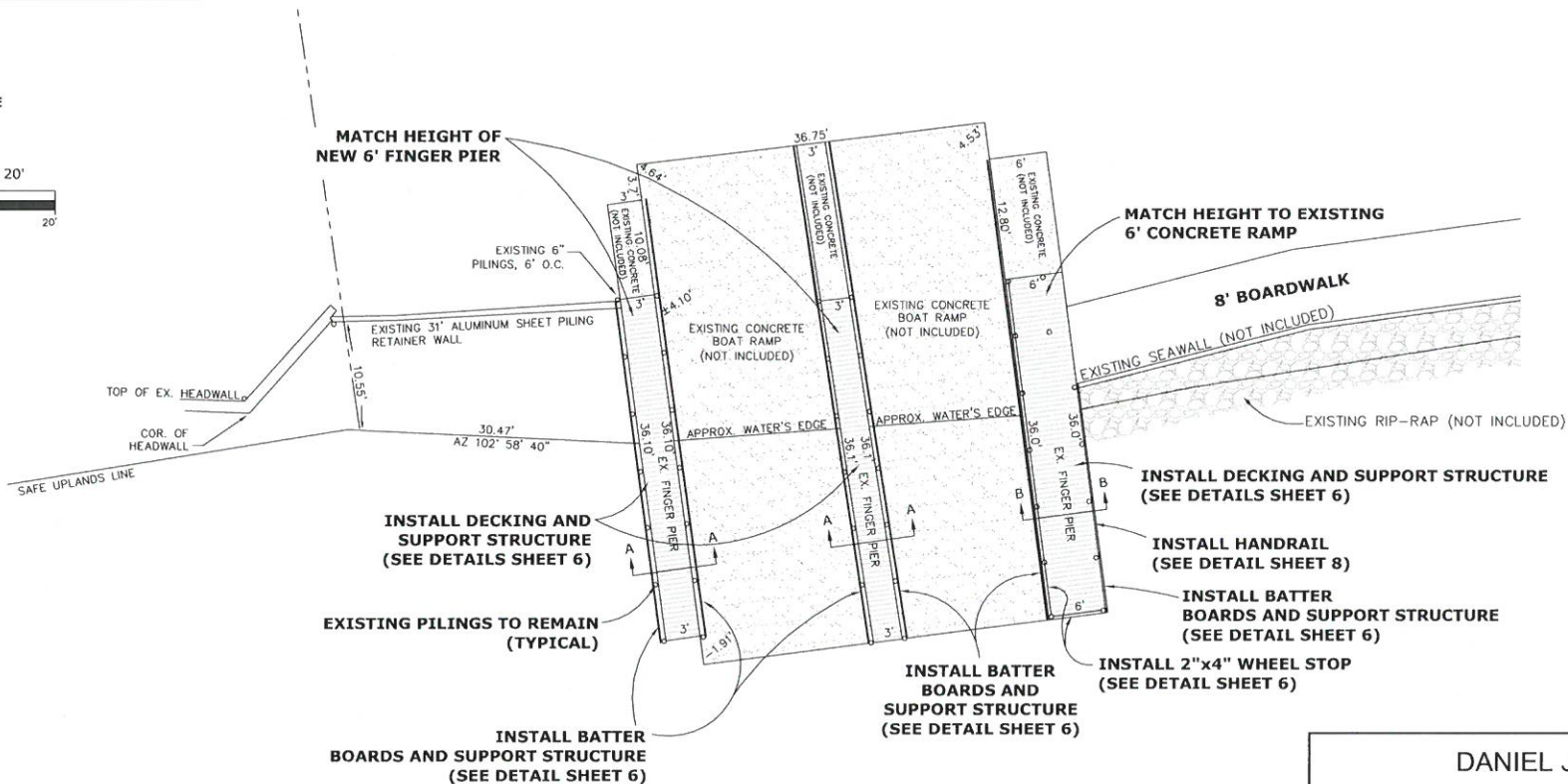
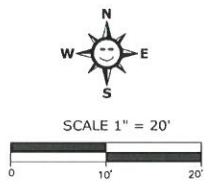
DANIEL J. PAYNE
FLORIDA PE NO. 74609

Daniel J. Payne
2/18/21

City of Fort Walton Beach			SUBDIVISION NAME: SEA BREEZE	
TITLE: SITE PLAN - EXISTING CONDITIONS			CONSTRUCTION DATE:	
AUTOCAD FILE: ENGINEERING - CD \PR\LIZA JACKSON_DOCKS_2021.dwg			EASEMENTS:	
DATE: 01/12/2021	SCALE: 1"=60'	PROJECT NO.: SALLY20	FIELD BOOK NO. SHEET 2 OF 12	DRAWING NO. 11-170
DRAWN BY: SLH	CHECKED BY: ESM			

REVISIONS		
DATE	DESCRIPTION	INITIALS

LIZA JACKSON PARK DOCK AND BOARDWALK REPLACEMENT CONSTRUCTION PLAN FOR FINGER PIERS



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FLORIDA PE NO. 74609

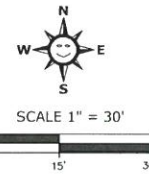
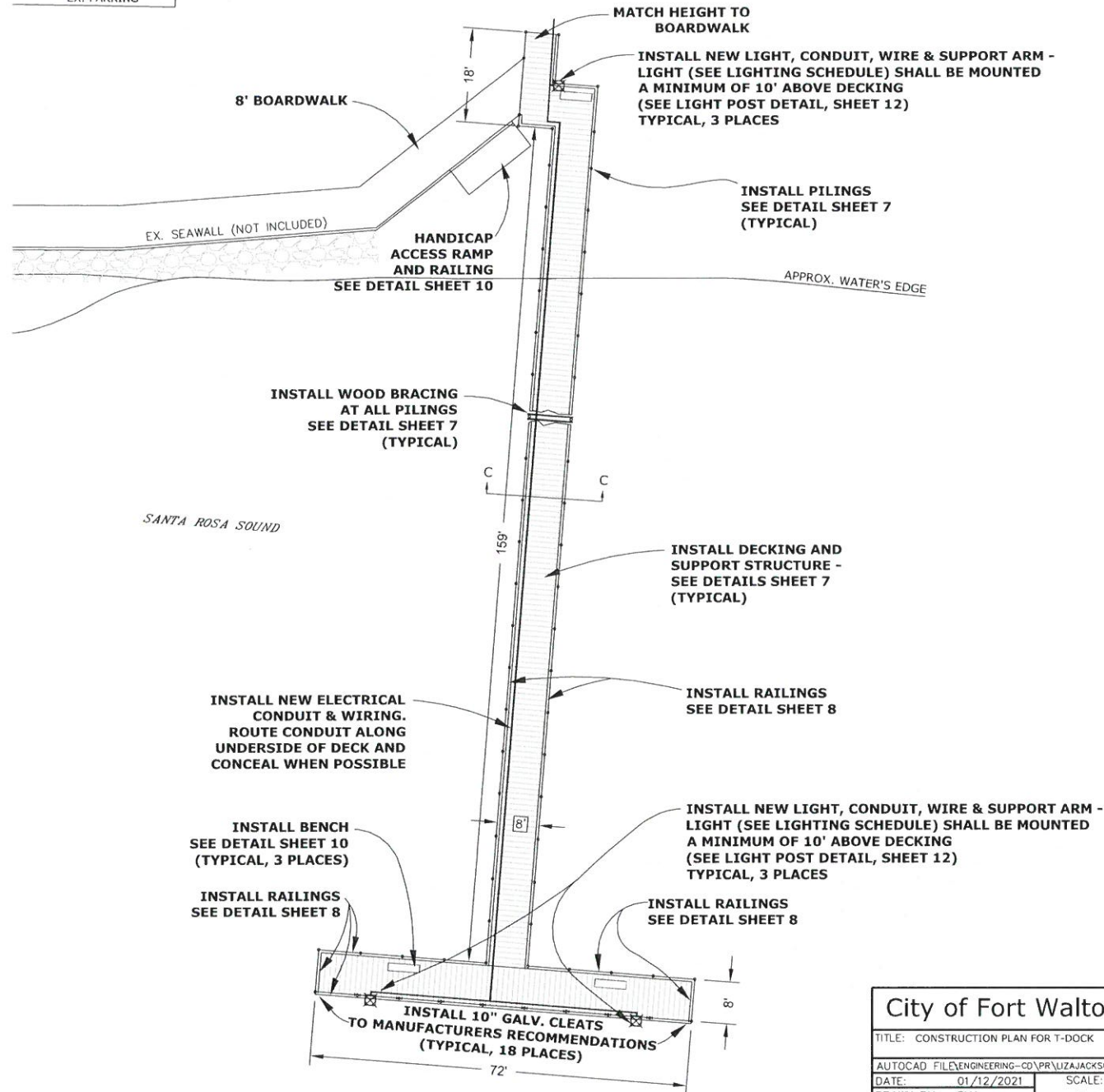
- NOTE:
- CONTRACTOR TO PERFORM INSPECTION OF PILINGS TO DETERMINE IF ANY PILINGS NEED TO BE REMOVED. CONTRACTOR SHALL REMOVE ANY ADDITIONAL PILINGS DETERMINED BY THE CONTRACTOR TO BE IN NEED OF REPLACEMENT AFTER APPROVAL FROM THE CITY.

City of Fort Walton Beach		SUBDIVISION NAME: SEA BREEZE	
TITLE: CONSTRUCTION PLAN FOR FINGER PIERS		CONSTRUCTION DATE:	
DATE: 01/12/2021		EASEMENTS:	
DRAWN BY: SLH		FIELD BOOK NO.:	
CHECKED BY: ESM		SHEET 3 OF 12	
SCALE: 1"=20'		DRAWING NO. 11-170	
PROJECT NO.: SALY20		3	

LIZA JACKSON PARK DOCK AND BOARDWALK REPLACEMENT CONSTRUCTION PLAN FOR T-DOCK

REVISIONS		
DATE	DESCRIPTION	INITIALS

EX. PARKING



ELECTRICAL LEGEND

- ☒ POLE MOUNTED FIXTURE
- ⌒ RACEWAY INSTALLED CONCEALED BELOW DECKING

LIGHTING SCHEDULE

BOAT DOCK LUMINAIRE. MOUNT HIGH ON 10' LONG POST ATTACHED TO PILING FACE OVERHANGING WATER. ATTACH POST TO PILING USING 3 - 3/8" VERTICALLY ALIGNED STAINLESS STEEL BOLTS, NUTS AND WASHERS AS SHOWN ON LIGHT POST DETAIL ON SHEET 5. SELF CONTAINED PHOTOCELL, 120V. SPECS ARE AS FOLLOWS:
1 LAMP 175W MV, PILING ARM BRACKET. FIXTURE EQUALS LITHONIA OR NITEBRITES. ATTACH ARM USING 3/8" GALV. THRU BOLTS.

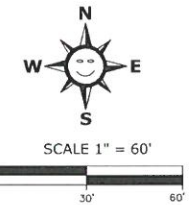
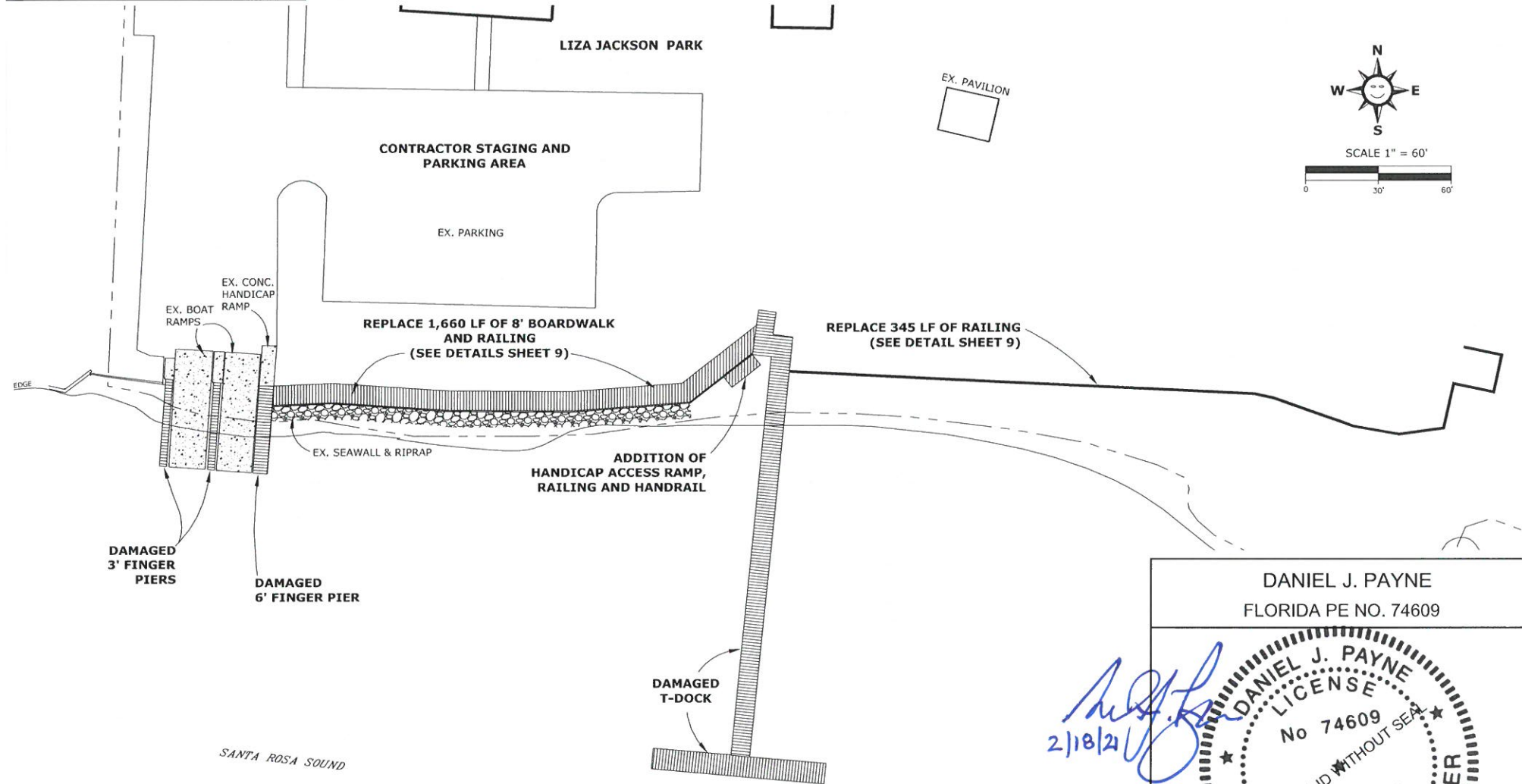
DANIEL J. PAYNE
FLORIDA PE NO. 74609

2/18/21

City of Fort Walton Beach			SUBDIVISION NAME: SEA BREEZE	
TITLE: CONSTRUCTION PLAN FOR T-DOCK			CONSTRUCTION DATE:	
DATE: 01/12/2021			EASEMENTS:	
DRAWN BY: SLH			FIELD BOOK NO.	
CHECKED BY: ESM			SHEET 4 OF 12	
SCALE: 1"=30'		PROJECT NO.: SALY20	DRAWING NO. 11-170	
			4	

REVISIONS		
DATE	DESCRIPTION	INITIALS

LIZA JACKSON PARK DOCK AND BOARDWALK REPLACEMENT CONSTRUCTION PLAN FOR BOARDWALK



DANIEL J. PAYNE
FLORIDA PE NO. 74609

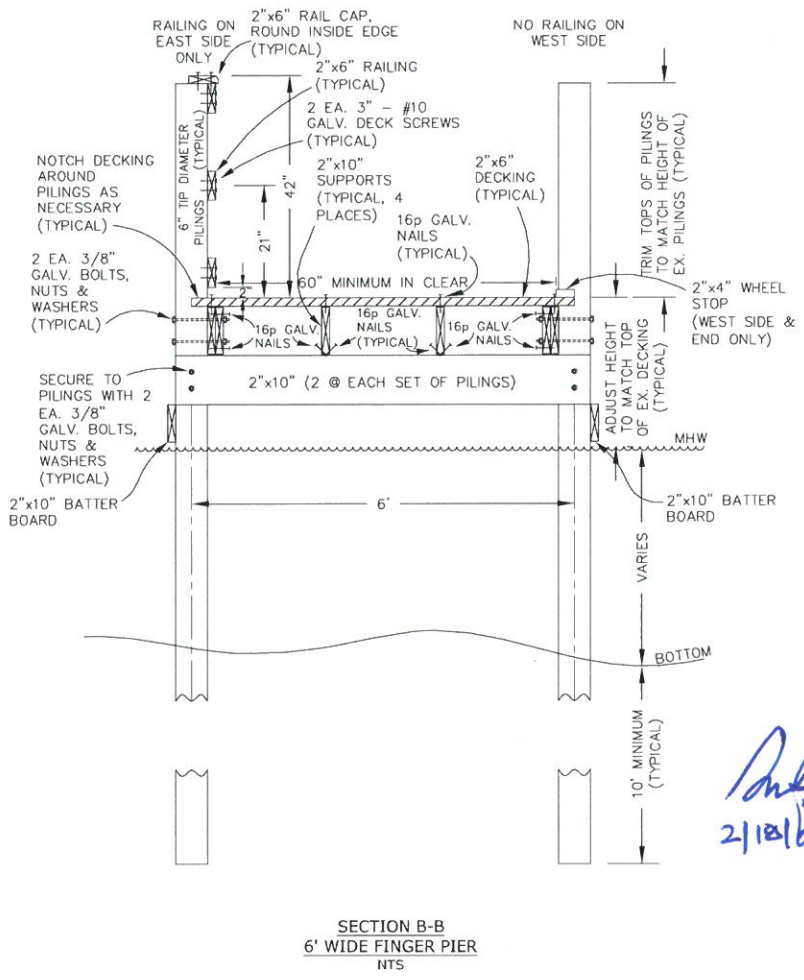
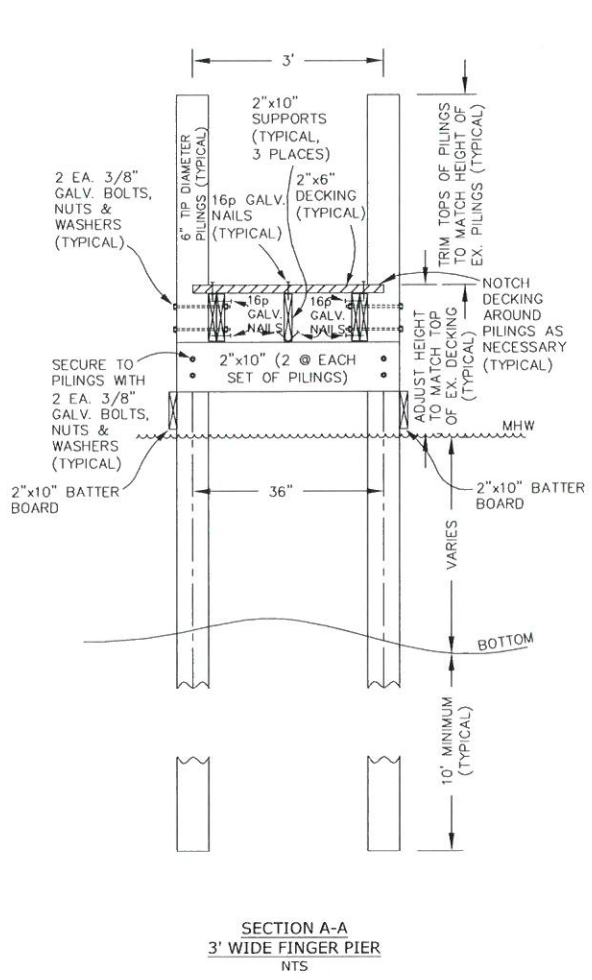
2/18/21

NOTE:
1. DEMOLITION OF BOARDWALK IS NOT INCLUDED IN THIS PROJECT.

City of Fort Walton Beach			SUBDIVISION NAME: SEA BREEZE	
TITLE: CONSTRUCTION PLAN FOR BOARDWALK			CONSTRUCTION DATE:	
AUTOCAD FILE: ENGINEERING-CO\PR\LIZA JACKSON DOCKS_2021.dwg			EASEMENTS:	
DATE: 01/12/2021	SCALE: 1"=60'	PROJECT NO.: SALY20	FIELD BOOK NO.:	DRAWING NO.:
DRAWN BY: SLH	CHECKED BY: ESM		5	11-170

LIZA JACKSON PARK DOCK AND BOARDWALK REPLACEMENT DETAILS

REVISIONS		
DATE	DESCRIPTION	INITIALS



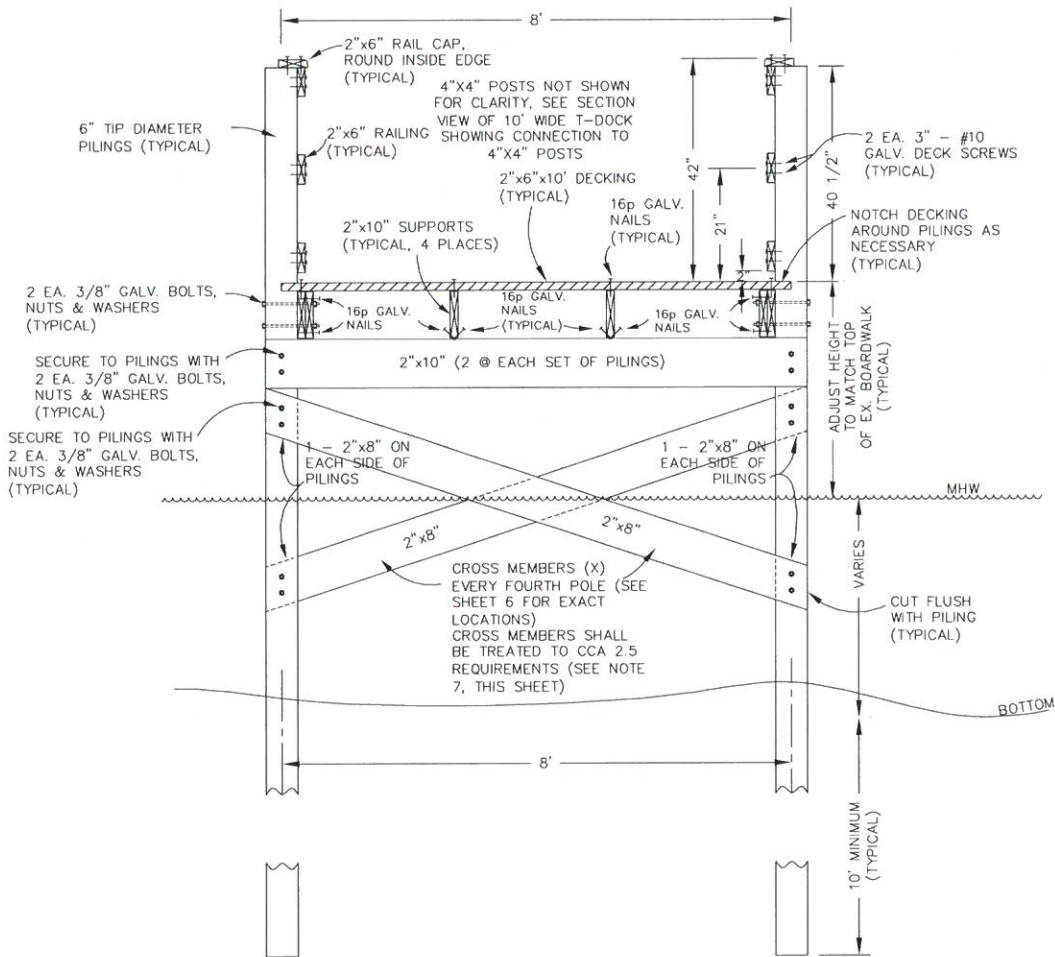
DANIEL J. PAYNE
FLORIDA PE NO. 74609

Daniel J. Payne
2/18/21

City of Fort Walton Beach			SUBDIVISION NAME: SEA BREEZE	
TITLE: DETAILS			CONSTRUCTION DATE:	
AUTOCAD FILE: ENGINEERING-CD\PR\LIZA JACKSON DOCKS_2021.dwg			EASEMENTS:	
DATE: 01/12/2021	SCALE: NTS	PROJECT NO.: SALLY20	FIELD BOOK NO.	DRAWING NO.
DRAWN BY: SLH	CHECKED BY: ESM		SHEET 6 OF 12	6
				11-170

REVISIONS		
DATE	DESCRIPTION	INITIALS

LIZA JACKSON PARK DOCK AND BOARDWALK REPLACEMENT DETAILS



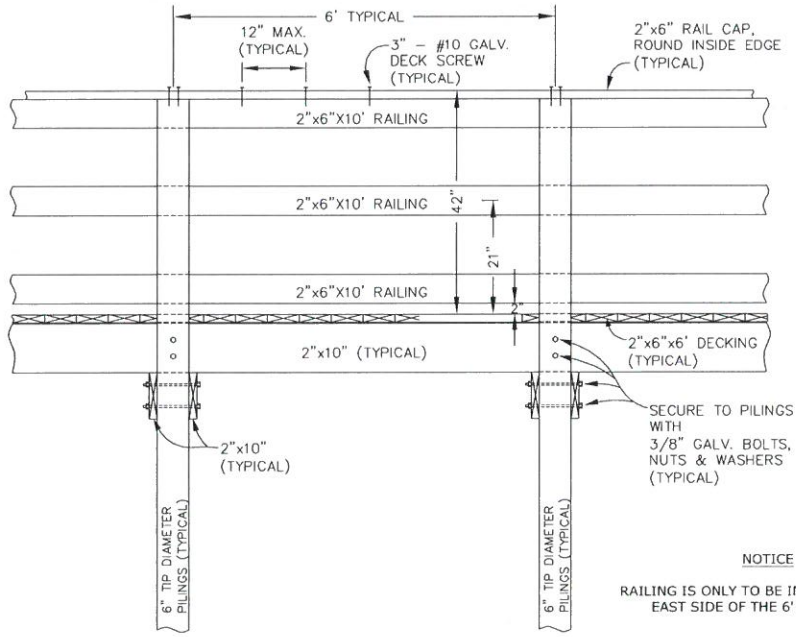
SECTION C-C
8' WIDE T-DOCK
SHOWING RAIL CONNECTION TO PILING
NTS

DANIEL J. PAYNE
FLORIDA PE NO. 74609

City of Fort Walton Beach			SUBDIVISION NAME: SEA BREEZE	
TITLE: DETAILS			CONSTRUCTION DATE:	
AUTOCAD FILE: ENGINEERING-CD\PR\LIZA JACKSON_DOCKS_2021.dwg			EASEMENTS:	
DATE: 01/12/2021	SCALE: NTS	PROJECT NO.: SALY20	FIELD BOOK NO. SHEET 7 OF 12	DRAWING NO. 11-170
DRAWN BY: SLH		CHECKED BY: ESM		

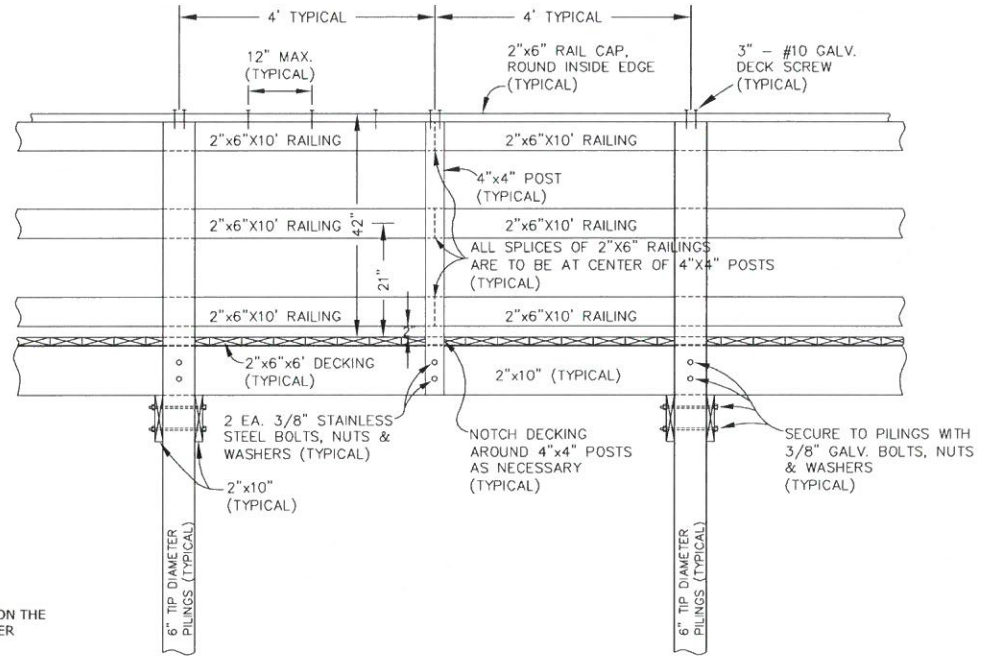
LIZA JACKSON PARK DOCK AND BOARDWALK REPLACEMENT DETAILS

REVISIONS		
DATE	DESCRIPTION	INITIALS



RAILING DETAIL FOR 6' WIDE FINGER PIER
VIEW FROM WATER SIDE
NTS

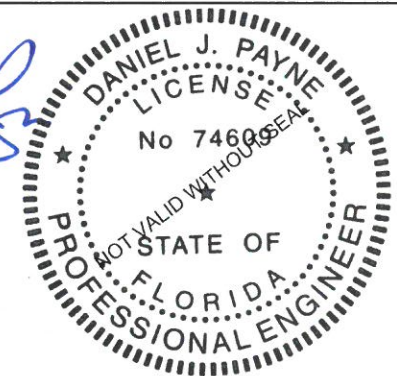
NOTICE
RAILING IS ONLY TO BE INSTALLED ON THE EAST SIDE OF THE 6' FINGER PIER



RAILING DETAIL FOR 8' WIDE T-DOCK
VIEW FROM WATER SIDE
NTS

DANIEL J. PAYNE
FLORIDA PE NO. 74609

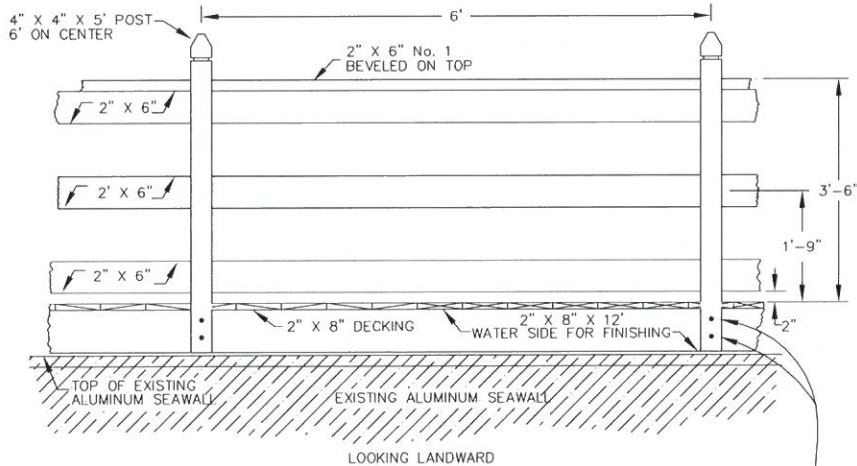
DJP
2/18/21



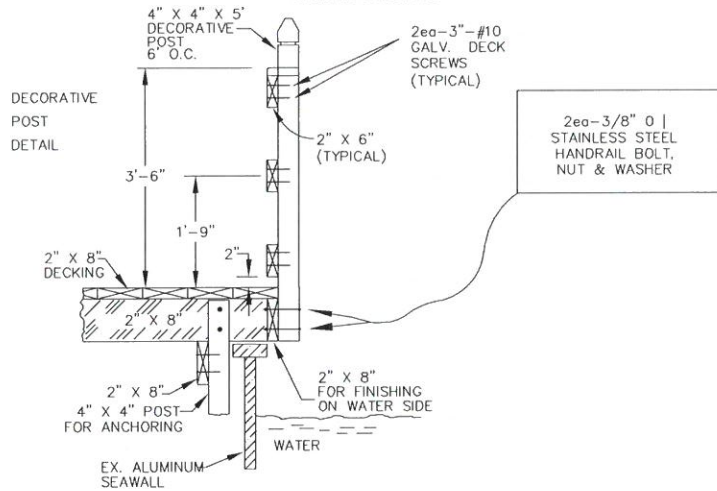
City of Fort Walton Beach			SUBDIVISION NAME: SEA BREEZE	
TITLE: DETAILS			CONSTRUCTION DATE:	
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DATE: 01/12/2021			FIELD BOOK NO.	
DRAWN BY: SLH			SHEET 8 OF 12	
CHECKED BY: ESM			DRAWING NO.	
SCALE: NTS			PROJECT NO.: SALY20	
			8	
			11-170	

LIZA JACKSON PARK DOCK AND BOARDWALK REPLACEMENT DETAILS

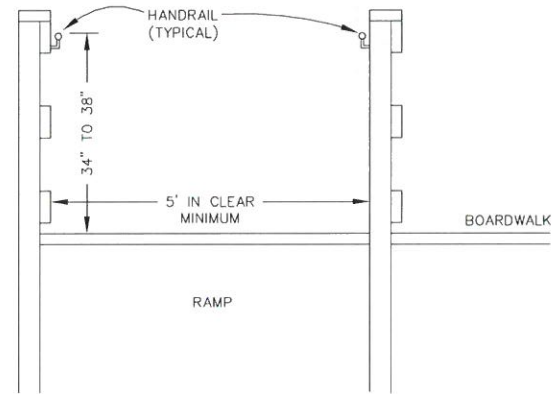
REVISIONS		
DATE	DESCRIPTION	INITIALS



LOOKING LANDWARD



RAILING DETAIL FOR BOARDWALK
NTS



HANDRAIL & RAILING
DETAIL FOR RAMP
NTS

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FLORIDA PE NO. 74609

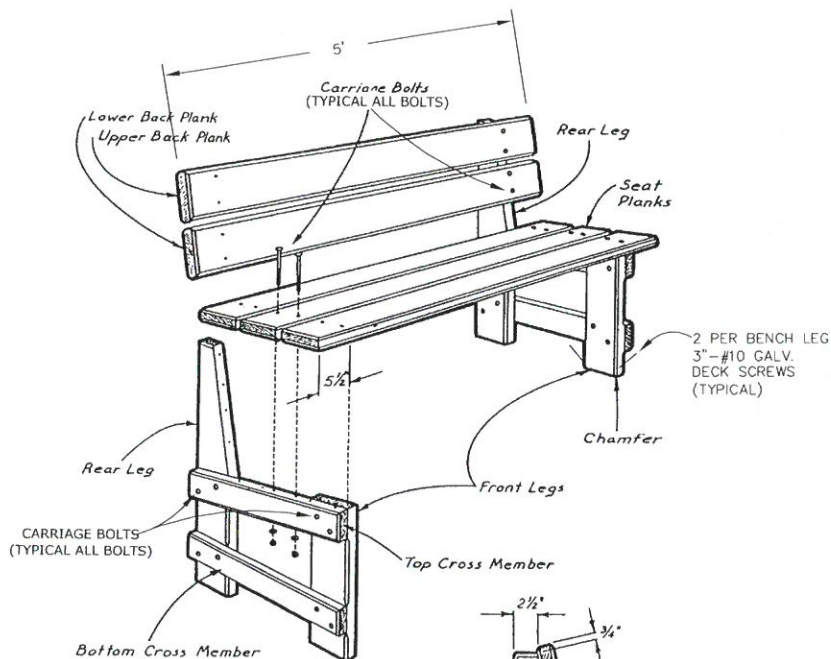
DANIEL J. PAYNE
LICENSE
No 74609
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Daniel J. Payne
2/18/21

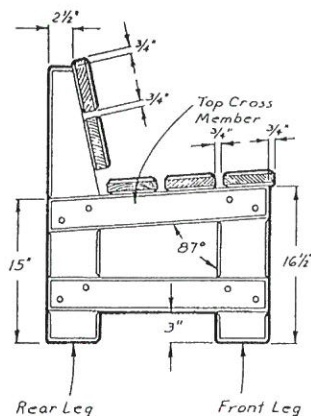
City of Fort Walton Beach			SUBDIVISION NAME: SEA BREEZE	
TITLE: DETAILS			CONSTRUCTION DATE:	
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DATE: 01/12/2021			FIELD BOOK NO.	
DRAWN BY: SLH			SHEET 9 OF 12	
CHECKED BY: ESM			DRAWING NO.	
SCALE: NTS		PROJECT NO.: SALY20	9	11-170

LIZA JACKSON PARK DOCK AND BOARDWALK REPLACEMENT DETAILS

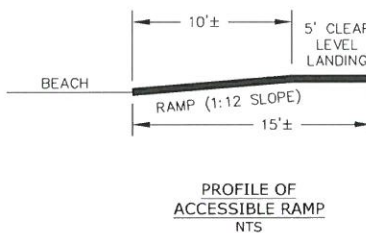
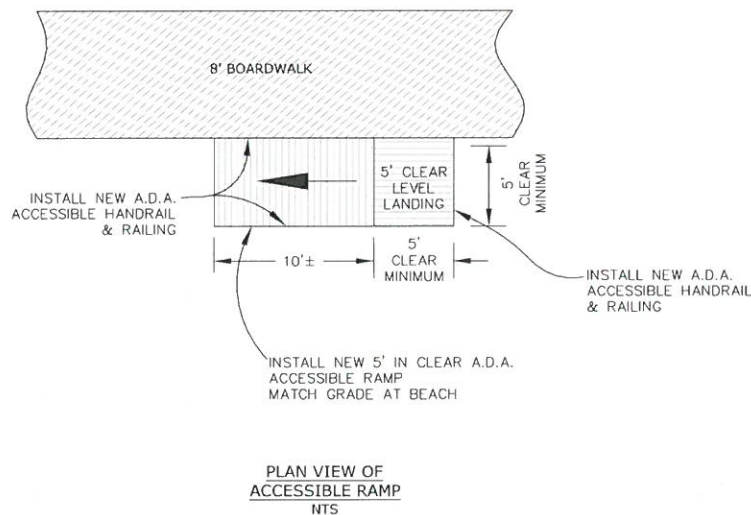
REVISIONS		
DATE	DESCRIPTION	INITIALS



LUMBER CUTTING LIST		
Size	Piece	Quantity
2 x 6	Seat and back planks	5
1 1/2" x 5 1/2" x 60"	Rear legs	2
1 1/2" x 5 1/2" x 29"	Front legs	2
1 1/2" x 5 1/2" x 16 1/2"	Top cross members	2
2 x 4	Bottom cross members	2
1 1/2" x 3 1/2" x 24 1/4"		
1 1/2" x 3 1/2" x 23 1/4"		



BENCH DETAIL (TYPICAL)
NOT TO SCALE



DANIEL J. PAYNE
FLORIDA PE NO. 74609

Daniel J. Payne
2/10/21

City of Fort Walton Beach			SUBDIVISION NAME: SEA BREEZE	
TITLE: DETAILS			CONSTRUCTION DATE:	
AUTOCAD FILE: \ENGINEERING-CD\PR\LIZA JACKSON DOCKS_2021.dwg			EASEMENTS:	
DATE: 01/12/2021			FIELD BOOK NO.	
DRAWN BY: SLH			SHEET 10 OF 12	
CHECKED BY: ESM			DRAWING NO.	
SCALE: NTS		PROJECT NO.: SALY20	10	11-170

LIZA JACKSON PARK DOCK AND BOARDWALK REPLACEMENT DETAILS

REVISIONS		
DATE	DESCRIPTION	INITIALS

GENERAL NOTES:

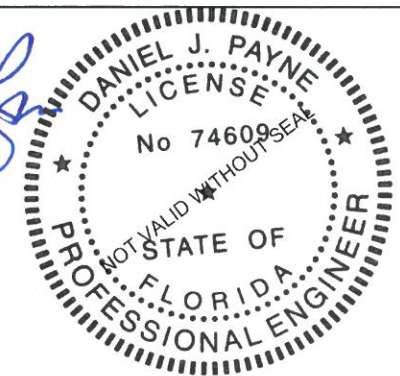
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY, EFFICIENCY, AND ADEQUACY OF HIS OPERATIONS AND SHALL INITIATE HIS OWN SAFETY PROGRAM. THE CONTRACTOR SHALL COMPLY WITH ALL DEPARTMENT OF LABOR, SAFETY AND HEALTH REGULATIONS AS SPECIFIED UNDER THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AS AMENDED, AND THE CONTRACT WORK HOURS AND SAFETY STANDARDS ACT.
2. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE IF THE REQUIRED CONSTRUCTION CAN BE PERFORMED WITHIN THE AREA PROVIDED AND COMPLY WITH THE REQUIREMENTS OF THE SAFETY AND HEALTH REGULATIONS (OSHA) FOR CONSTRUCTION PROJECTS OF THIS TYPE. ANY SAFETY MEASURES OR METHOD OF CONSTRUCTION THAT IS NECESSARY IN THE CONSTRUCTION OF THIS PROJECT TO COMPLY WITH THESE REGULATIONS IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE PROVIDED WITH ALL COSTS TO BE INCLUDED IN THE VARIOUS PAY ITEMS OF THE CONTRACT (NO DIRECT PAYMENT).
3. SHOULD THE CONTRACTOR ELECT TO OBTAIN AREAS FOR THE PURPOSE OF STORING MATERIALS AND EQUIPMENT OR FOR CONDUCTING HIS WORK OPERATIONS, HE SHALL FURNISH THE CITY A COPY OF THE AGREEMENT BETWEEN HIM AND THE OWNER OF THE PROPERTY PRIOR TO USING THE AREA (NO DIRECT PAYMENT). ANY CURB AND GUTTER, SIDEWALK, DRIVEWAY, ETC., DAMAGED BY THE CONTRACTOR WHEN HAULING MATERIALS OR MOVING EQUIPMENT IN OR OUT FROM THIS STORAGE AREA SHALL BE REPLACED IN-KIND AT THE CONTRACTOR'S EXPENSE.
4. ALL DISTURBED STREETS AND DRIVEWAYS, WITH THE EXCEPTION OF GRADED DRIVEWAYS, SHALL BE REPLACED IN-KIND AS NOTED ON THE PLANS. GRADED DRIVEWAYS SHALL BE REPLACED WITH CRUSHED STONE SURFACING.
5. ALL PROPERTY AND RIGHT-OF-WAY LINE LOCATIONS SHOWN ARE APPROXIMATE. REQUIRED RIGHT-OF-WAY LINES SHALL BE VERIFIED BY THE CONTRACTOR AS REQUIRED. REQUIRED EASEMENTS SHALL BE LOCATED BY THE CONTRACTOR USING REFERENCES AS NOTED ON THE CONSTRUCTION PLANS.
6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO BUSINESSES AND RESIDENCES DURING ALL PHASES OF CONSTRUCTION.
7. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE AND UNSUITABLE MATERIAL FROM THE PROJECT AT A SITE (LOCATED ABOVE MEAN HIGH WATER ELEVATION) AWAY FROM THE PROJECT SITE FURNISHED BY THE CONTRACTOR.
8. SEDIMENT AND EROSION CONTROL DEVICES SHALL REMAIN IN PLACE THROUGHOUT CONSTRUCTION AND SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
9. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE PLACED ADJACENT TO ALL BODIES OF WATER AND WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION.
10. LOCATION OF UTILITIES SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

MARINE CONSTRUCTION NOTES:

1. DOCK CONSTRUCTION NOT TO BE ATTACHED TO OR IN CONTACT WITH THE SEAWALL.
2. DECKING TO BE NO. 1 WOOD OR COMPOSITE DECKING. ALL OTHER WOOD TO BE NO. 2 EXCEPT THE PILINGS.
3. ALL WOOD EXCEPT PILINGS SHALL BE RATED FOR GROUND CONTACT (0.40 PCF FOR SAPWOOD AND HEARTWOOD SPECIES).
4. ALL FASTENERS SHALL BE EITHER HOT-DIP GALVANIZED CONFORMING TO ASTM A153 AND ASTM A653 OR TYPE 304 AND 316 STAINLESS STEEL.
5. ALL RAMPS AND DECKING SHALL COMPLY WITH CHAPTER 11 OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION PART A.
6. PILINGS SHALL BE 6" TIP DIAMETER OR LARGER.
7. PILINGS SHALL BE COMPATIBLE WITH MARINE GRADE CONSTRUCTION AND TREATED TO CCA 2.5 REQUIREMENTS.
8. PILINGS SHALL BE DRIVEN TO A DEPTH OF 10' MINIMUM BELOW SEA FLOOR. ONLY THE TIP (SMALLEST DIAMETER) OF THE PILING SHALL BE TRIMMED TO MATCH HEIGHT OF EXISTING PILINGS.
9. ALL PILINGS SHALL BE WRAPPED WITH 0.030" THICK POLYETHYLENE WRAPPING FROM THE BOTTOM OF THE PILING TO THE (1) FOOT ABOVE MEAN HIGH WATER LINE (MHW).
10. ALL PILES TO BE TOPPED WITH ROUND WHITE CONE PILE CAPS.
11. ALL LUMBER NOT SHOWN BOLTED SHALL HAVE AT LEAST 2 GALV. 20P NAILS AT PILINGS AND 2 GALV. 16P NAILS AT OTHER CONNECTIONS, UNLESS OTHERWISE SPECIFIED.
12. ALL BOLTS ON THE OUTSIDE OF THE PILINGS AND RAILING POSTS SHALL BE COUNTERSUNK TO PREVENT DAMAGE TO BOATS.

DANIEL J. PAYNE
FLORIDA PE NO. 74609

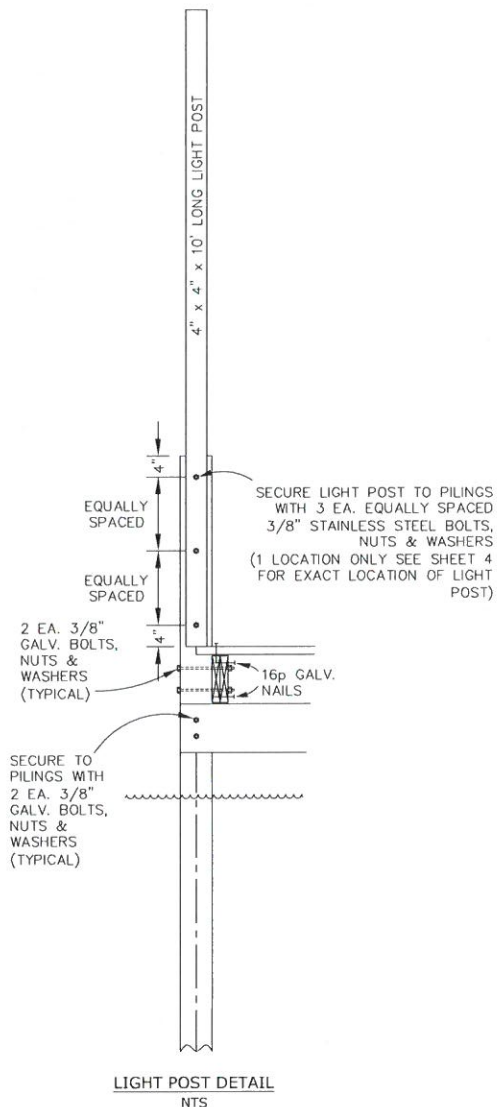
2/18/21



City of Fort Walton Beach			SUBDIVISION NAME: SEA BREEZE	
TITLE: DETAILS			CONSTRUCTION DATE:	
AUTOCAD FILE: ENGINEERING-CD\PR\UZAJACKSON_DOCKS_2021.dwg			EASEMENTS:	
DATE: 01/12/2021			FIELD BOOK NO.	
DRAWN BY: SLH			SHEET 11 OF 12	
CHECKED BY: ESM			DRAWING NO.	
SCALE: NTS			11	11-170
PROJECT NO.: SALY20				

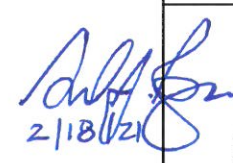
LIZA JACKSON PARK DOCK AND BOARDWALK REPLACEMENT DETAILS

REVISIONS		
DATE	DESCRIPTION	INITIALS

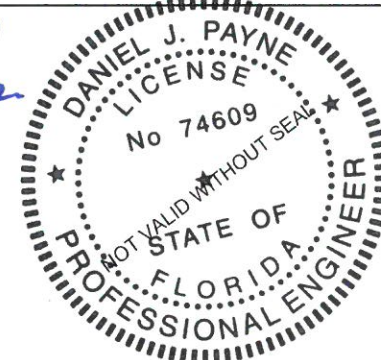


ELECTRICAL NOTES:

1. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION.
2. PROVIDE GREEN GROUND CONDUCTOR IN ALL CIRCUITS - SIZE PER N.E.C.
3. GENERAL CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK, AND SHALL IMMEDIATELY NOTIFY THE CITY OF ANY DISCREPANCIES. LACK OF SUCH NOTIFICATION INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY EXIST, AND SHALL PERFORM THE WORK REQUIRED AS SHOWN AND SPECIFIED.
4. THE CONTRACTOR SHALL OBTAIN AND REVIEW THE SUBMITTALS PRIOR TO SUBMITTING THE SUBMITTALS TO THE CITY. ANY ELECTRICAL EQUIPMENT, CONDUIT, AND WIRE SIZE CHANGES RESULTING FROM THIS REVIEW SHALL ALSO BE SUBMITTED FOR APPROVAL.
5. COMPLY WITH ALL LOCAL CODE, LAWS, AND ORDINANCES APPLICABLE TO ELECTRICAL WORK, THE STATE BUILDING CODE AND THE NATIONAL ELECTRIC CODE. OBTAIN ALL PERMITS REQUIRED BY LOCAL ORDINANCES.
6. OBTAIN CITY APPROVAL OF ALL LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANELBOARDS, ETC. PRIOR TO PURCHASING.
7. THE ELECTRICAL WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. ALL NOT SO INSTALLED SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
8. ALL WORK SHALL BE INSTALLED IN CONCEALED TYPE CONSTRUCTION. UNDERGROUND CONDUITS AND CONDUITS ALONG DOCK SHALL BE SCH. 40 PVC.
9. ALL CONDUCTORS LESS THAN 100A, SHALL BE COPPER #12 & #10 SOLID, #8 AND LARGER STRANDED, #6 AND SMALLER TO BE TYPE THW, 600 VOLT INSULATION AND TYPE THW OR THHN FOR #4 AND LARGER.
10. PROVIDE GROUNDING PER NATIONAL ELECTRIC CODE.


 2/18/21

DANIEL J. PAYNE
FLORIDA PE NO. 74609



City of Fort Walton Beach			SUBDIVISION NAME: SEA BREEZE	
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AUTOCAD FILE: \ENGINEERING-CD\PR\LIZA JACKSON DOCKS_2021.dwg			EASEMENTS:	
DATE: 01/12/2021			FIELD BOOK NO.	
DRAWN BY: SLH			SHEET 12 OF 12	
CHECKED BY: ESM			DRAWING NO.	
SCALE: NTS		PROJECT NO.: SALY20		12
				11-170