

NORTH

HALIFAX RIVER

EBB FLOOD

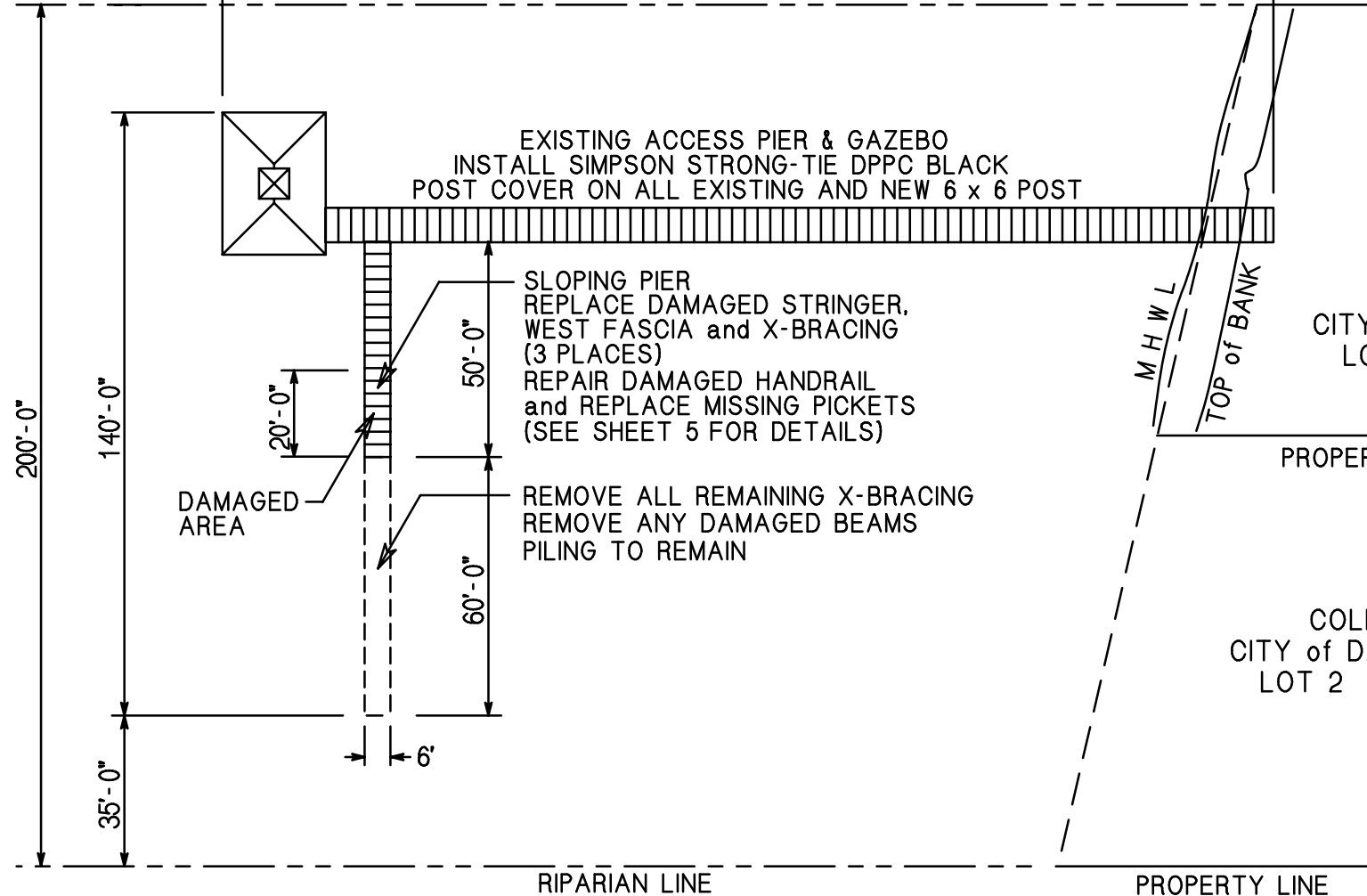
EAST EDGE of INTRACOASTAL WATERWAY

600' +/-
CHANNEL SETBACK

244'-0" +/-

RIPARIAN LINE

PROPERTY LINE



COLIN PARK
CITY of DAYTONA BEACH
LOT 1 BLOCK 20

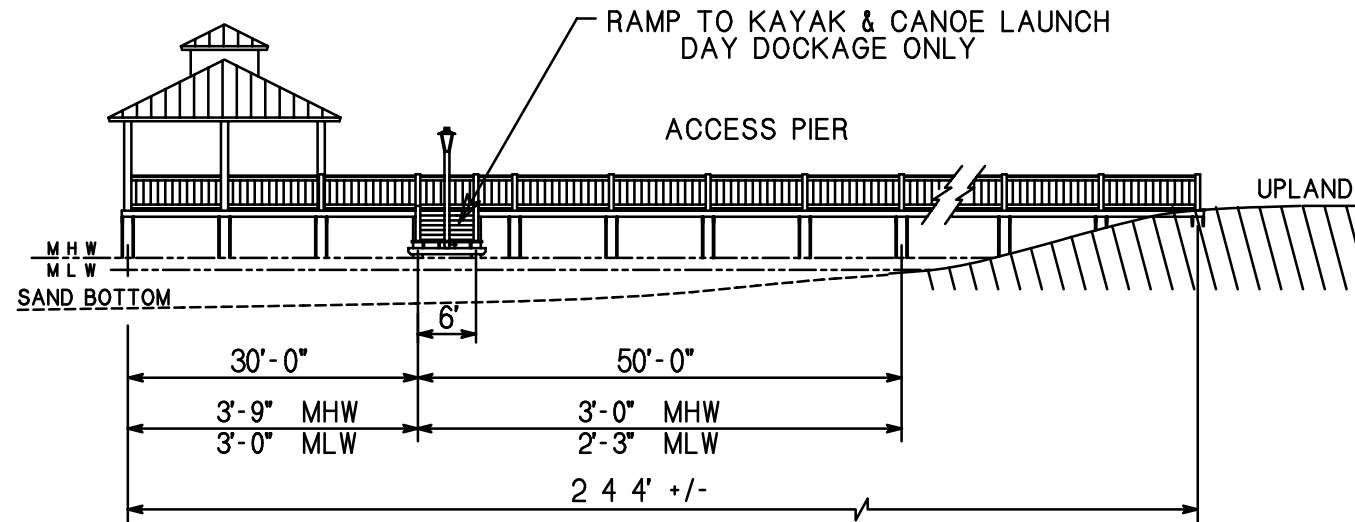
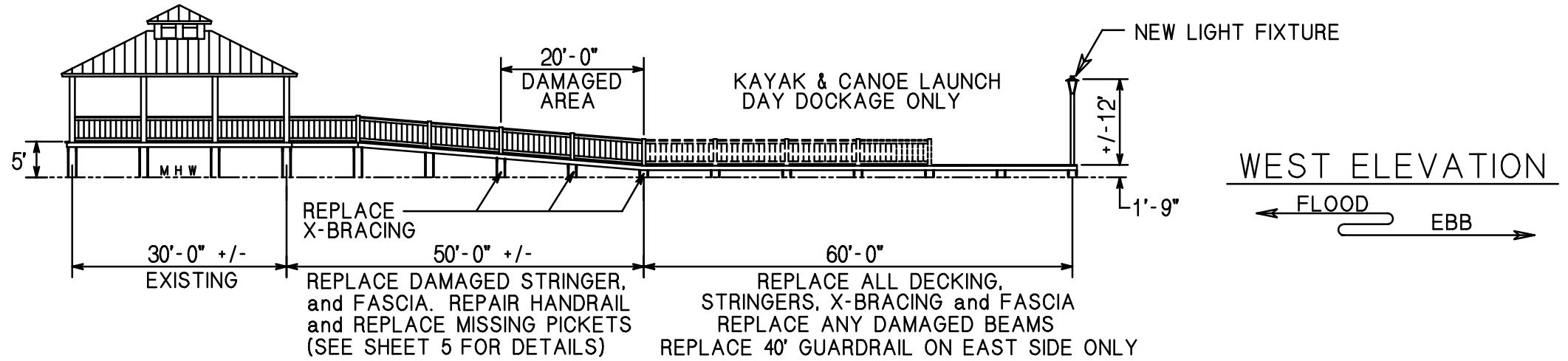
COLIN PARK
CITY of DAYTONA BEACH
LOT 2 BLOCK 20

COLIN PARK
100 UNIVERSITY BLVD
CITY of DAYTONA BEACH
PO BOX 2451
DAYTONA BEACH FL 32115
VOLUSIA COUNTY
PARCEL # 5305-01-20-00118999
SHEET: 1 of 6

SITE PLAN

SCALE - 1" = 40'

DAVID C LEETE A R 0 0 0 7 1 3 1
LEETE & LEETE ARCHITECT & PLANNER
140 SOUTH GRANDVIEW AVE, DAYTONA BEACH, FL 32118 (386) 253-1785



ELEVATIONS

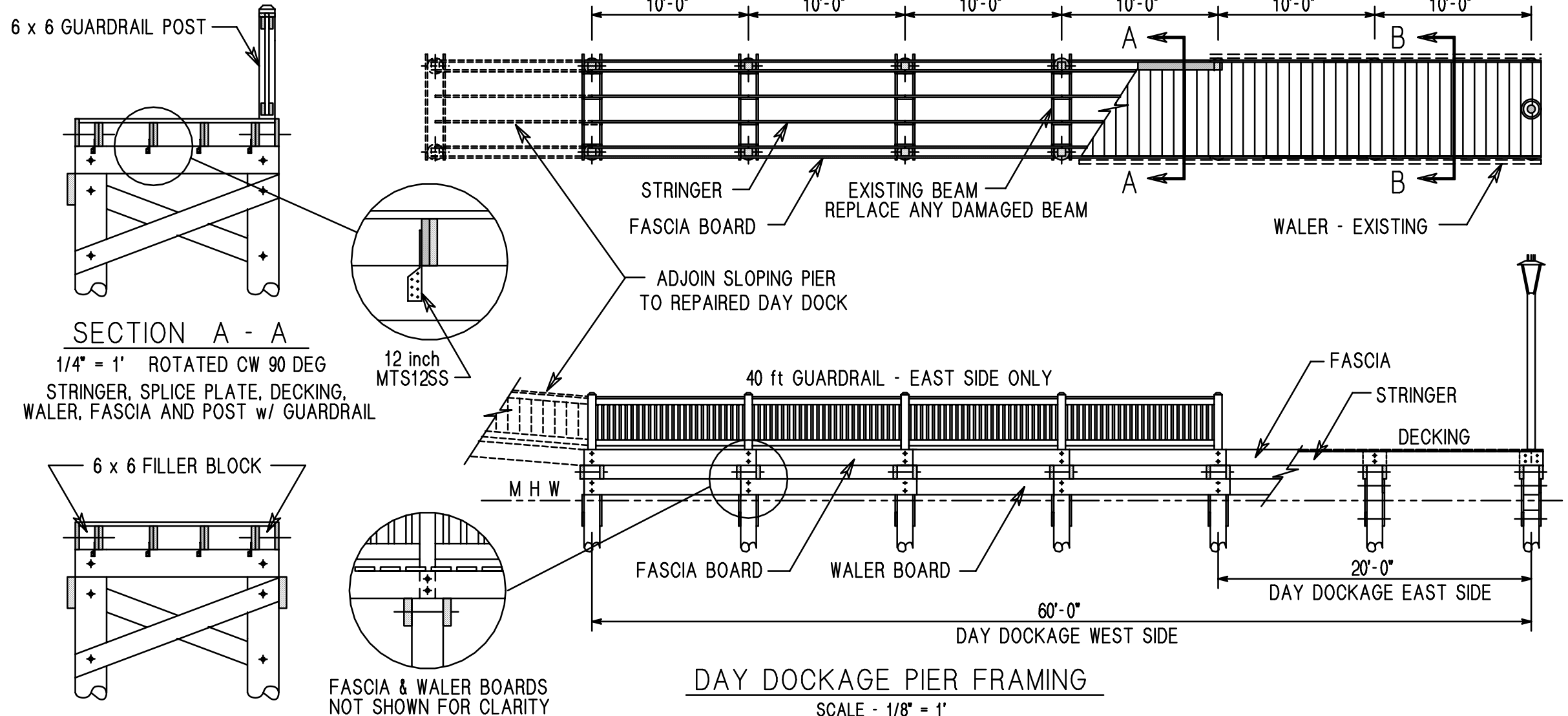
SCALE - 1" = 20'

TIDAL DATA

ID 3926
 M H W -0 0 4
 M L W -0 7 4
 NAVD 88
 DAYTONA BEACH QUAD MAP
 TIDAL EPOCH 1983-2001

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 SHEET: 2 of 6



DAY DOCKAGE PIER FRAMING

SCALE - 1/8" = 1'

THIS STRUCTURE MEETS THE REQUIREMENTS of SECTION 1 6 0 9 OF THE 2 0 1 7
 FLORIDA BUILDING CODE and ASCE 7-10 FOR BASIC WIND SPEED of 1 3 0 MPH,
 RISK CATEGORY I, EXPOSURE D. PRESSURE +1 6 . 0, -4 2 . 7.
 STRUCTURE HAS BEEN DESIGNED FOR LIVE LOADS PER TABLE 1 6 0 7 .1
 DAY DOCK PIER = 100 # /SF

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 SHEET: 3 of 6

CP-SH3CD

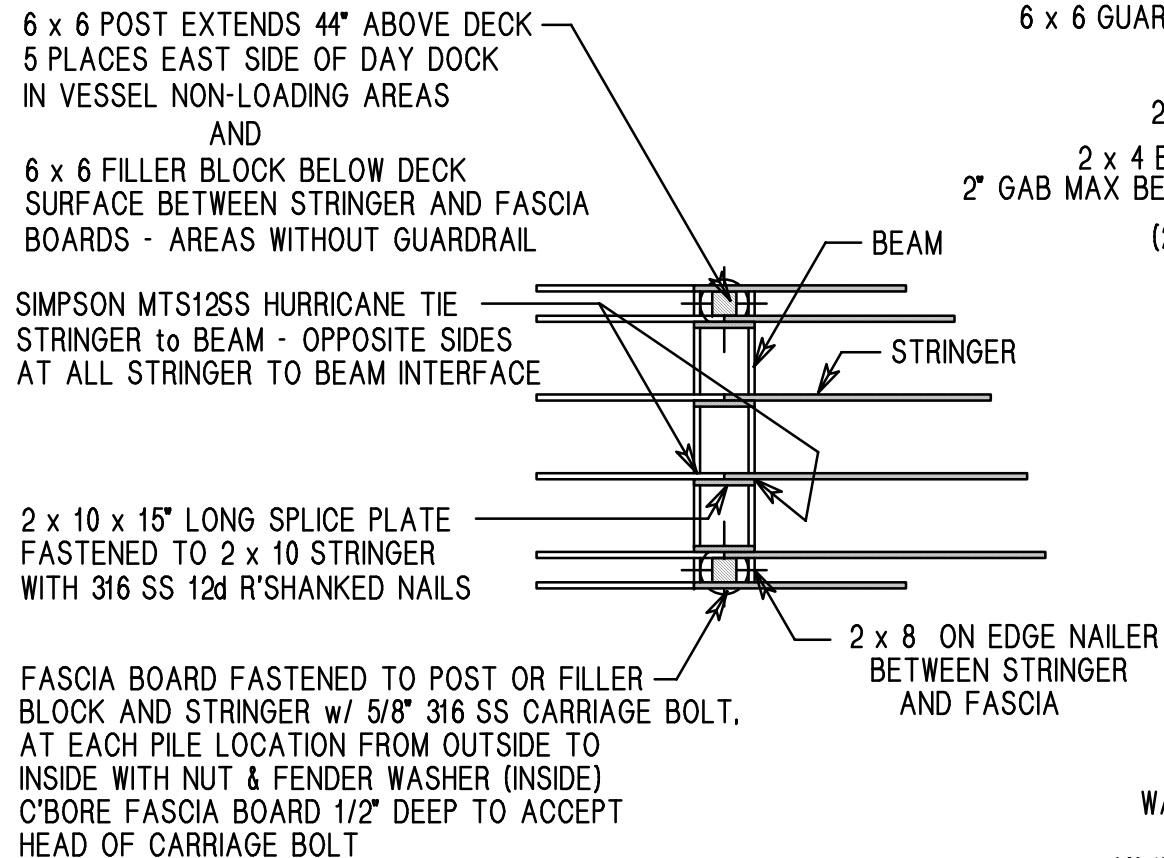
REPLACE DECKING, STRINGERS, FASCIA and X-BRACING
 REPLACE ANY DAMAGED BEAMS

SECTION A - A

1/4" = 1' ROTATED CW 90 DEG
 STRINGER, SPLICE PLATE, DECKING,
 WALER, FASCIA AND POST w/ GUARDRAIL

SECTION B - B

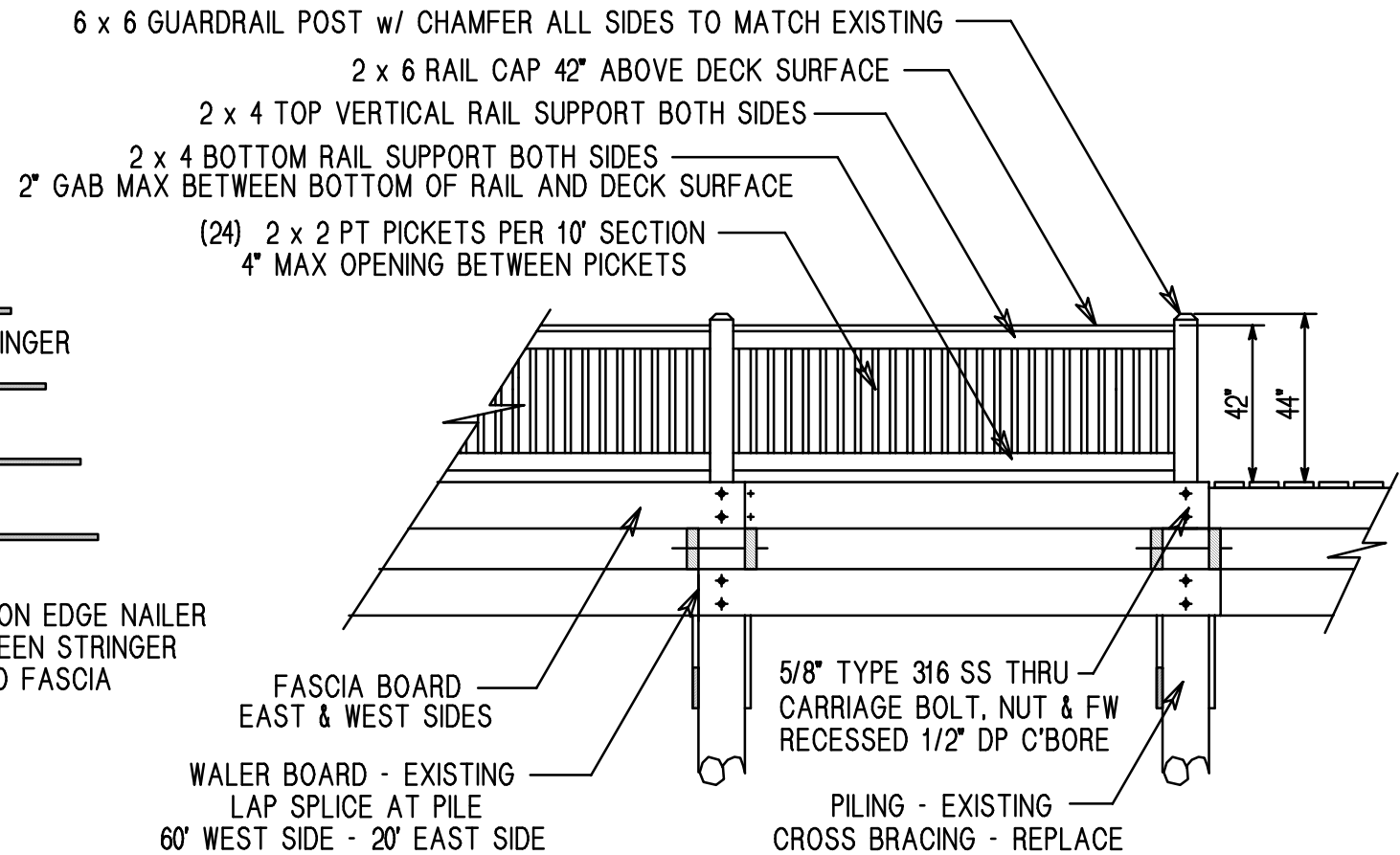
1/4" = 1' ROTATED CW 90 DEG
 STRINGER, SPLICE PLATE, DECKING,
 WALER, FASCIA & FILLER BLOCK
 (WHEN NO POST PRESENT)



EXISTING & PROPOSED FRAMING

SCALE - 1/4" = 1'

ALL FASTENERS ARE STAINLESS STEEL TYPE 316



GUARDRAIL EAST SIDE ONLY

SCALE - 1/4" = 1'

ALL FASTENERS ARE STAINLESS STEEL TYPE 316

THIS STRUCTURE MEETS THE REQUIREMENTS OF SECTION 1609 OF THE 2017
FLORIDA BUILDING CODE AND ASCE 7-10 FOR BASIC WIND SPEED OF 130 MPH,
RISK CATEGORY I, EXPOSURE D. PRESSURE +16.0, -42.7.
STRUCTURE HAS BEEN DESIGNED FOR LIVE LOADS PER TABLE 1607.1:
DAAY DOCK PIER = 100 # /SF

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SHEET: 4 of 6

SLOPING PIER REPAIR

DAMAGE DESCRIPTION AND COMPONENTS

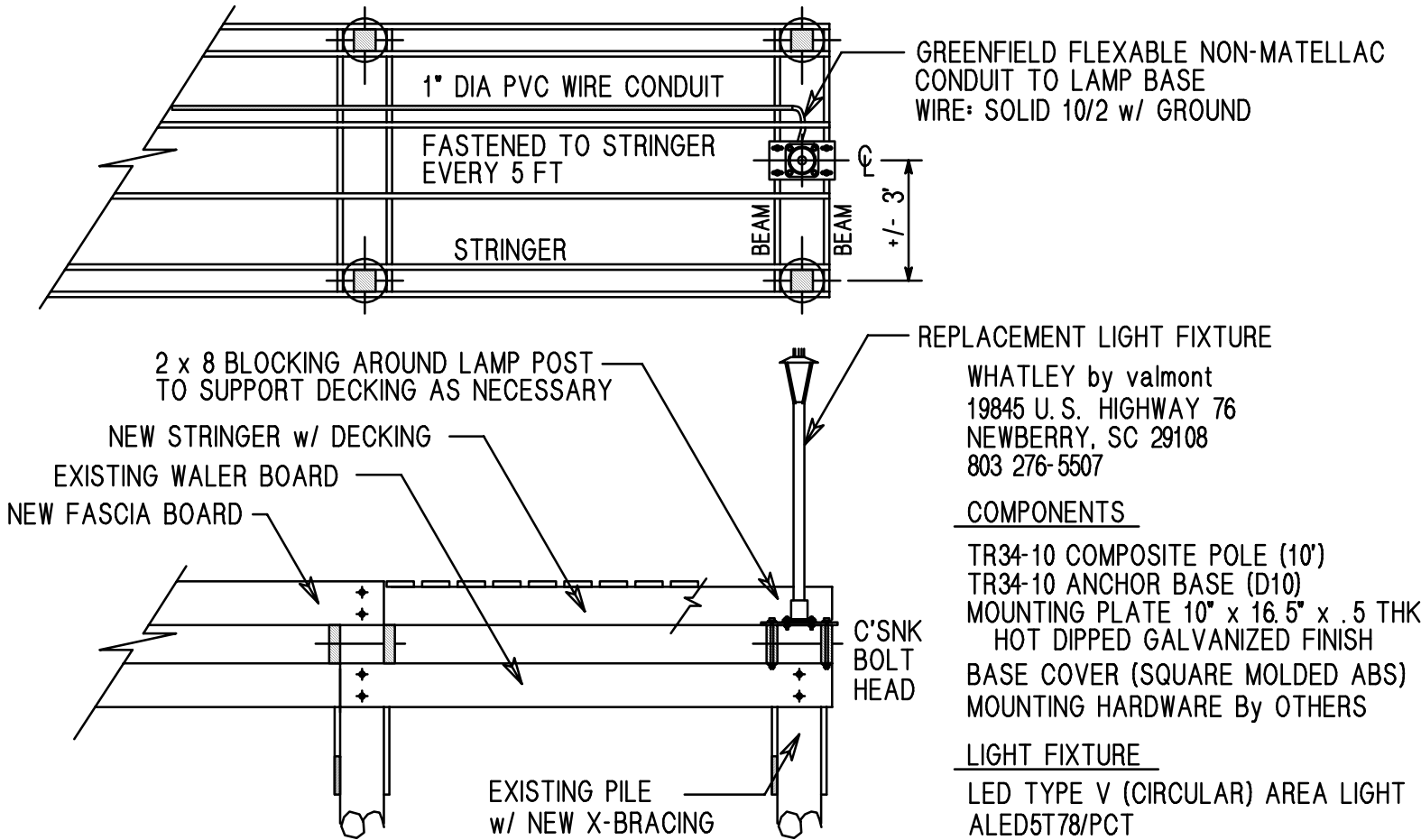
SEVERAL REPAIRS ARE NECESSARY TO THE SOUTHERN MOST 20 FT OF THE 50 FT SLOPING NORTH/SOUTH PIER:
LIFTED DECKING, BROKEN OR DAMAGED FASCIA BOARD(s), STRINGER(s), ROTTED X-BRACING AND DAMAGED ELECTRICAL COMPONENTS.

SUGGESTED REPAIR PROCESSES

REMOVE SOUTHERN 20 ft OF GUARDRAIL
(2 SECTIONS EACH ON EAST AND WEST SIDE)
REMOVE 20 ft OF FASCIA BOARDS BOTH SIDES
REMOVE DECKING
REMOVE DAMAGED STRINGER(s)
REMOVE ROTTED X-BRACING (3 SETS OF PILES)
EXAMINE BEAMS AND REPLACE IF DAMAGED

INSTALL NEW X-BRACING, STRINGERS,
JUNCTION BOX, CONDUIT, 10/2 w/GROUND WIRE,
DECKING AND FASCIA BOARDS.
REINSTALL GUARDRAIL SECTIONS AND REPLACE
BROKEN OR MISSING PICKETS

REPLACE LAMP POLE ACCESS COVER(s) - 6 PLACES



COMPONENTS

TR34-10 COMPOSITE POLE (10')
TR34-10 ANCHOR BASE (D10)
MOUNTING PLATE 10" x 16.5" x .5 THK
HOT DIPPED GALVANIZED FINISH
BASE COVER (SQUARE MOLDED ABS)
MOUNTING HARDWARE By OTHERS

LIGHT FIXTURE

LED TYPE V (CIRCULAR) AREA LIGHT
ALED5T78/PCT
RAB LIGHTING INC
170 LUDLOW AVENUE
NORTHVALE, NJ 07647
(201) 784-8600

LIGHT FIXTURE AND WIRE COMPONENTS

SCALE - 1/4" = 1'

THIS STRUCTURE MEETS THE REQUIREMENTS of SECTION 1 6 0 9 OF THE 2 0 1 7
FLORIDA BUILDING CODE and ASCE 7-10 FOR BASIC WIND SPEED of 1 3 0 MPH,
RISK CATEGORY I, EXPOSURE D. PRESSURE +1 6 . 0, -4 2 . 7.
STRUCTURE HAS BEEN DESIGNED FOR LIVE LOADS PER TABLE 1 6 0 7 . 1,
DAAY DOCK PIER = 100 # /SF

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TIMBER MATERIAL - PROPOSED REPLACEMENT

ALL TIMBER MATERIAL #1 GRADE or BETTER
PRESSURE TREATMENT:
STRINGERS, X-BRACING, BEAM AND WALER BOARD = 2.5 pcf CCA
ALL OTHER MATERIAL = 0.6 cpf CCA

2 x 10 PT SYP STRINGERS EQUAL SPACING (4 PLACES)
2 x 10 PT SYP X-BRACING
2 x 12 PT SYP FASCIA BOARD - BOTH SIDES OF PIER
3 x 10 PT SYP BEAM BOTH SIDES OF PILE
4 x 12 PT SYP WALER w/ HALF LAP SPLICE @ JOINTS

2 x 6 PT SYP EASED EDGED DECK
FASTEN w/ (2) 3" TYPE 316 SS SCREW @ EACH JOINT

MARINE PILE

12" DIA - 10' +/- EMBEDMENT (JETTED 4' - DRIVEN 6')
REPLACEMENT PILE (IF NECESSARY) TO HAVE HDPE PILE WRAP
12" ABOVE AND BELOW TIDAL RANGE - SS TYPE 316 FASTENERS

PLEASE PROVIDE A BID ALTERNATE ITEM COST FOR PILING REPLACEMENT
IF NECESSARY - MATERIAL, PILE WRAP AND INSTALLATION

FASTENERS

FASTENERS ARE TYPE 316 STAINLESS STEEL UNLESS OTHERWISE SPECIFIED

3/4" DIA 316 SS THREADED ROD w/ NUT & FENDER WASHER
(BOTH SIDES) THROUGH BOLTED - NON DOCKING AREAS

5/8" DIA 316 SS CARRIAGE BOLT, NUT & FENDER WASHER (INSIDE)
C'BORE FASCIA BOARD 1/2" DEEP TO ACCEPT HEAD OF BOLT
ALL EAST and WEST DOCKING FACE SURFACE

SIMPSON MTS12SS 12" LONG HURRICANE TIE w/SS FASTENERS
SIMPSON - DPPC POST CAP - OPTIONAL ALL 6 x 6 POST
DOCK CLEATS - TYPE, QUANTITY AND LOCATION - TBD

ELECTRICAL

CONTRACTOR TO VERIFY THE INTEGRITY OF ALL
ELECTRICAL WIRING AND ASSOCIATED COMPONENTS

SCOPE OF WORK

REBUILD 60 ft +/- OF STORM DAMAGED DAY DOCK
REPLACE DECKING, STRINGERS, X-BRACING, FASCIA and GUARDRAIL
PER PLANS AND SPECIFICATIONS. REPLACE ANY DAMAGED BEAMS

REBUILD SOUTH 20 ft +/- OF 50 ft SLOPING PIER
REPLACE DECKING, STRINGERS, X-BRACING, FASCIA, WIRING, CONDUIT
AND LIGHT FIXTURE. REPLACE ANY DAMAGED BEAMS. REPAIR GUARDRAIL.
SEE SHEET 5 "SLOPING PIER REPAIR" FOR DETAILS

CONFIRM INTEGRITY OF REMAINING PILINGS

CONTACT ARCHITECT OR REPRESENTATIVE WITH ANY QUESTIONS OR CONCERNS.

BIDDERS NOTES:

- CONTACT ARCHITECT OR REPRESENTATIVE WITH ANY QUESTIONS OR CONCERNS.
1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE THE PROJECT DRAWINGS AND SPECIFICATIONS AND NOTIFY THE REGISTERED ARCHITECT OF RECORD OR REPRESENTATIVE OF ANY DISCREPANCIES.
 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE REGISTERED ARCHITECT OR REPRESENTATIVE WHEN FRAMING AND 6 x 6 POSTS INSTALLATION IS COMPLETED AND AGAIN WHEN DECKING AND GUARDRAIL INSTALLATION IS COMPLETED.
 3. REPAIRS ARE TO BE CONSISTENT WITH THE METHODS AND PRACTICES EXPRESSED IN THESE PLANS. ANY DEVIATION FROM DRAWINGS, SPECIFICATIONS OR NOTES MUST BE APPROVED IN WRITING BY THE REGISTERED ARCHITECT OR REPRESENTATIVE PRIOR TO CHANGE.
 4. INSTALL ALL PRODUCTS AND MATERIALS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND CONSTRUCTION INDUSTRY STANDARDS. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER.

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