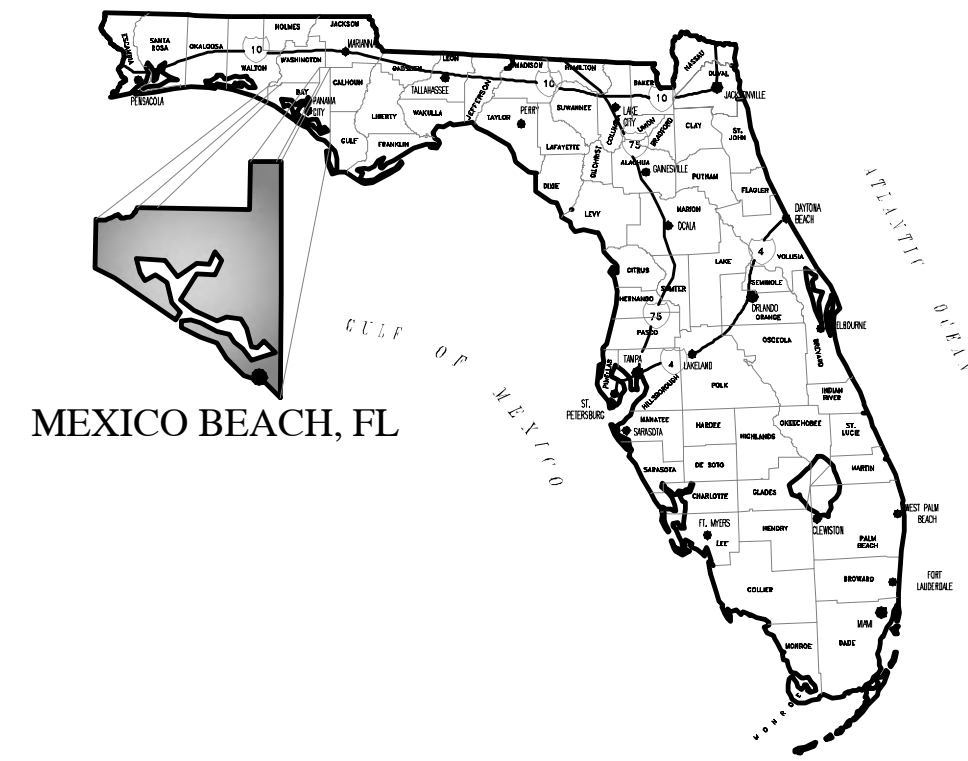


CONSTRUCTION PLANS

# SUNSET PARK PEDESTRIAN DUNE WALKOVER

PREPARED FOR  
THE CITY OF MEXICO BEACH  
BAY COUNTY, FLORIDA



CERTIFICATE OF AUTHORIZATION No.: 31422

ELIZABETH S. MOORE, P.E. No.: 57607

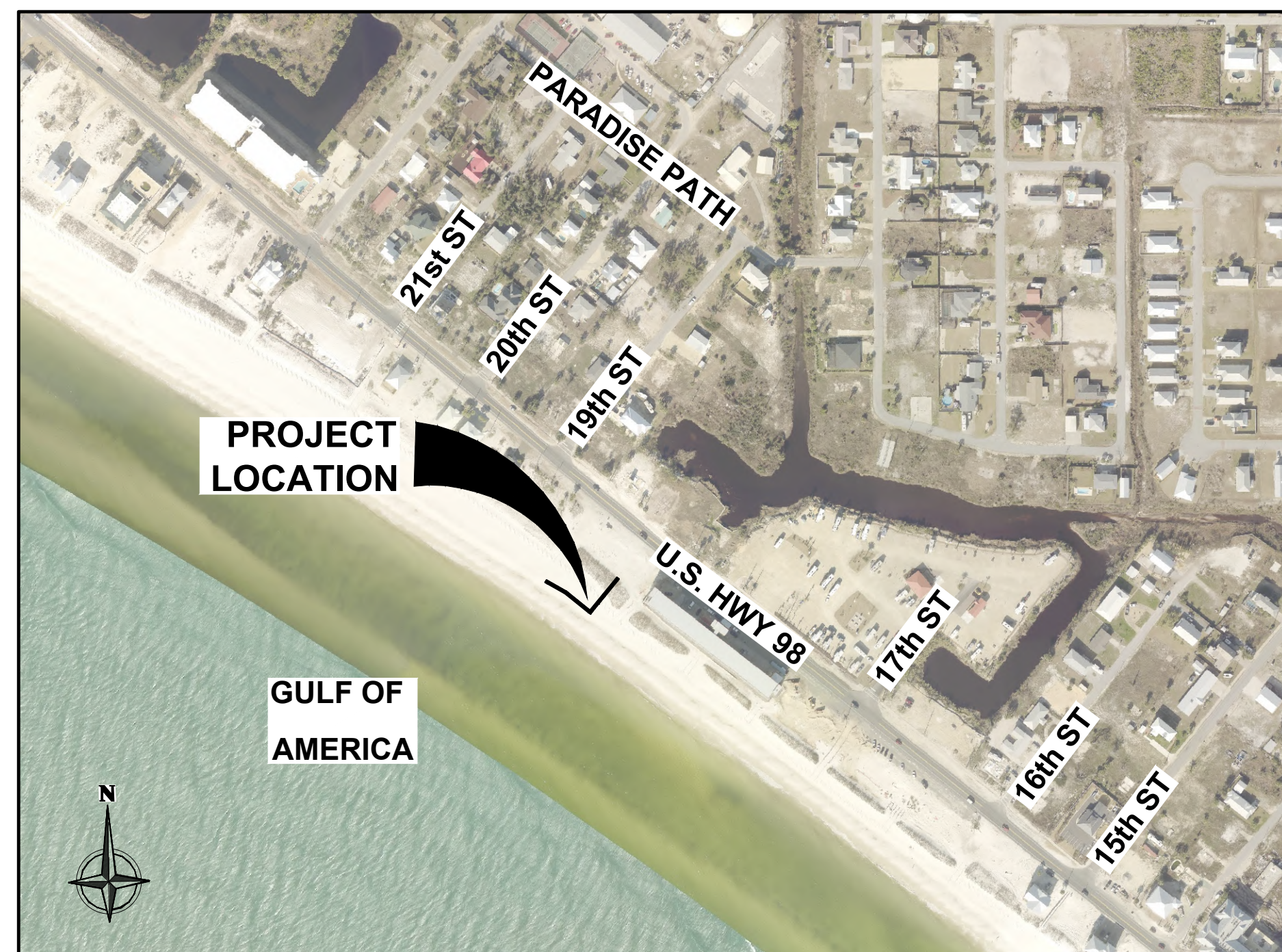
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.005, F.A.C.

(\* INDICATES CERTIFICATION BY OTHERS)

**CITY COMMISSIONERS**

- RICHARD WOLFF - MAYOR, GROUP 1
- ERIK FOSSHAGE - COMMISSIONER, GROUP 2
- LINDA HAMILTON - COMMISSIONER, GROUP 3
- JASON ADAMS - COMMISSIONER, GROUP 4
- STEVE COX - COMMISSIONER, GROUP 5

**LOCATION MAP**



**INDEX OF SHEETS**

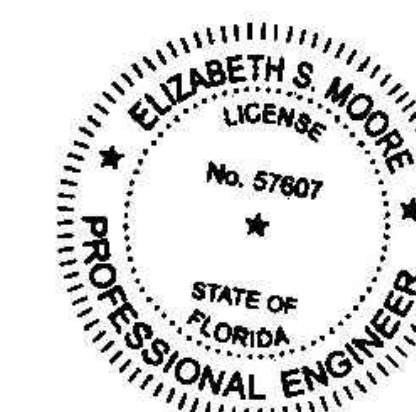
CIVIL PLANS (ANCHOR CEI)	
CE0.0	COVER SHEET (THIS SHEET)
* 1 OF 1	TOPOGRAPHIC SURVEY
C0.1	CIVIL GENERAL NOTES
C1.0	CIVIL SITE IMPROVEMENTS PLAN
C1.1	PROPOSED WALK-OVER PROFILE
STRUCTURAL PLANS (ATLAS ENGINEERING)	
* S001	STRUCTURAL GENERAL NOTE
* S101	DUNE WALKOVER PLAN

ANCHOR CEI QUALITY CONTROL TRACKING DATA				
QUALITY CONTROL CHECKS	DATE COMPLETED	PERSON COMPLETED BY	DATE CHANGES MADE	DRAFTSMAN
GENERAL NOTES REVIEW				
PROJECT CHECKLIST REVIEW (PRIOR TO CLIENT REVIEW)				
SUBMITTED TO CLIENT				
PERMITTING COMMENTS				
OVERALL DESIGN TEAM / PM REVIEW				
BID ADVERTISEMENT				
CONFORMED PLAN REVIEW				

**PERMITTING PLANS**

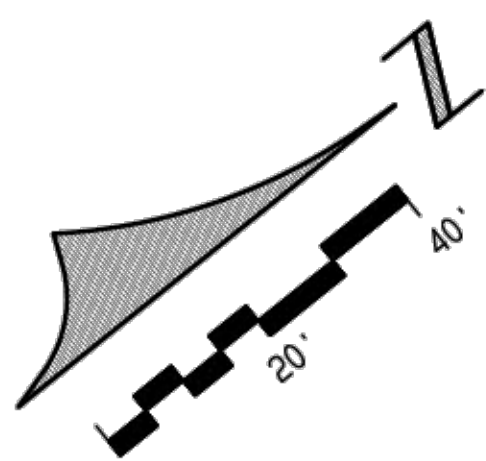
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2				

ANCHOR CEI No.: 1328-014  
DATE: December 5, 2025



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC DOCUMENTS.



**SYMBOLS & ABBREVIATIONS**

N	NORTH
S	SOUTH
E	EAST
W	WEST
°	DEGREES
'	MINUTES OR FEET
''	SECONDS OR INCHES
LB	LAND SURVEYOR BUSINESS
NO.	NUMBER
CONC.	CONCRETE
BFP	BACKFLOW PREVENTER
EL	ELEVATION
⊠	WATER METER
xxxx	SPOT ELEVATION
▨	GRAVEL
▩	MULCHED AREA

THIS SURVEY IS BASED ON THE U.S. SURVEY FOOT UNIT OF MEASUREMENT.

ELEVATIONS AND BENCHMARKS SHOWN HEREON ARE BASED ON THE NOTED ELEVATION REFERENCE. USE OF THE BENCHMARKS FOR VERTICAL CONTROL SHOULD BE PERFORMED IN ACCORDANCE WITH STANDARDS OF PRACTICE FOR PROFESSIONAL SURVEYORS AND MAPPERS AS OUTLINED IN RULE 5J-11, FLORIDA ADMINISTRATIVE CODE. PRIOR TO UTILIZING THE BENCHMARKS FOR VERTICAL CONTROL, USER SHALL CHECK PROVIDED BENCHMARKS TO ENSURE THAT THEY HAVE NOT BEEN DISTURBED AND THAT THEY ARE RELATIVE TO EACH OTHER.

LOCATIONS OF SUBSURFACE FOUNDATIONS HAVE NOT BEEN DETERMINED AND ARE NOT INDICATED HEREON.

DEED INFORMATION IS SHOWN IN PARENTHESIS.

THE UNDERSIGNED SURVEYOR HAS NOT BEEN PROVIDED A CURRENT TITLE OPINION OR ABSTRACT OF MATTERS AFFECTING TITLE OR BOUNDARY TO THE SUBJECT PROPERTY. IT IS POSSIBLE THERE ARE RECORDED DEEDS, UNRECORDED DEEDS, EASEMENTS, RESTRICTIONS, SETBACKS OR OTHER INSTRUMENTS AND GOVERNMENT REGULATIONS WHICH COULD AFFECT THE BOUNDARIES AND/OR USE OF THE PROPERTY.

A REVIEW OF FLOOD INSURANCE RATE MAP NUMBER 1205050508J FOR BAY COUNTY, FLORIDA, AND INCORPORATED AREAS, COMMUNITY PANEL NUMBER 20010508 J, EFFECTIVE DATE: OCTOBER 24, 2024, INDICATES THAT THE PROPERTY SHOWN HEREON IS WITHIN ZONE VE (ELEVATIONS 12, 13 AND 14) AS INDICATED.

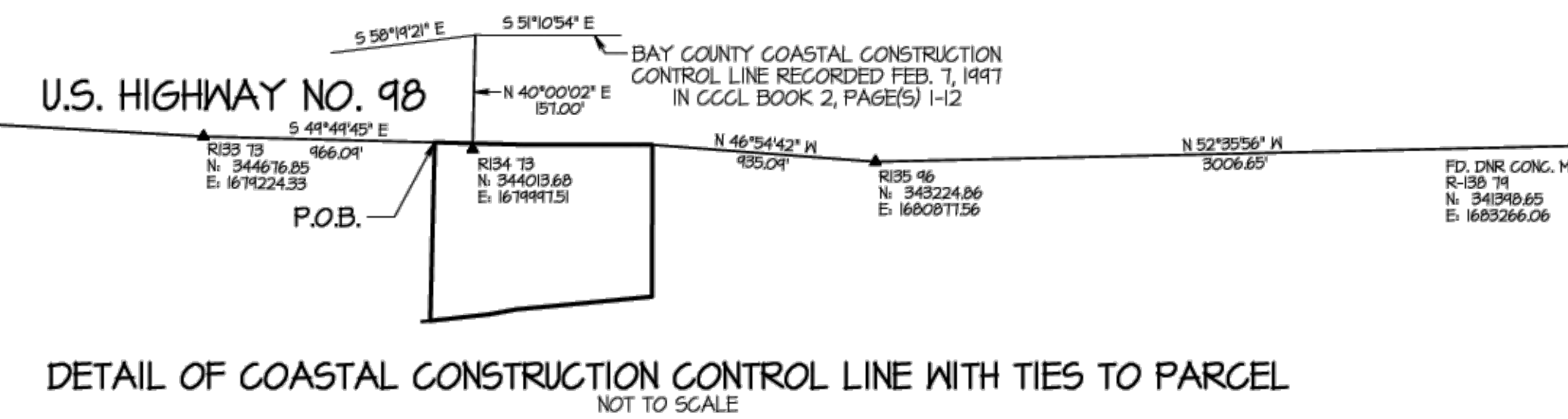
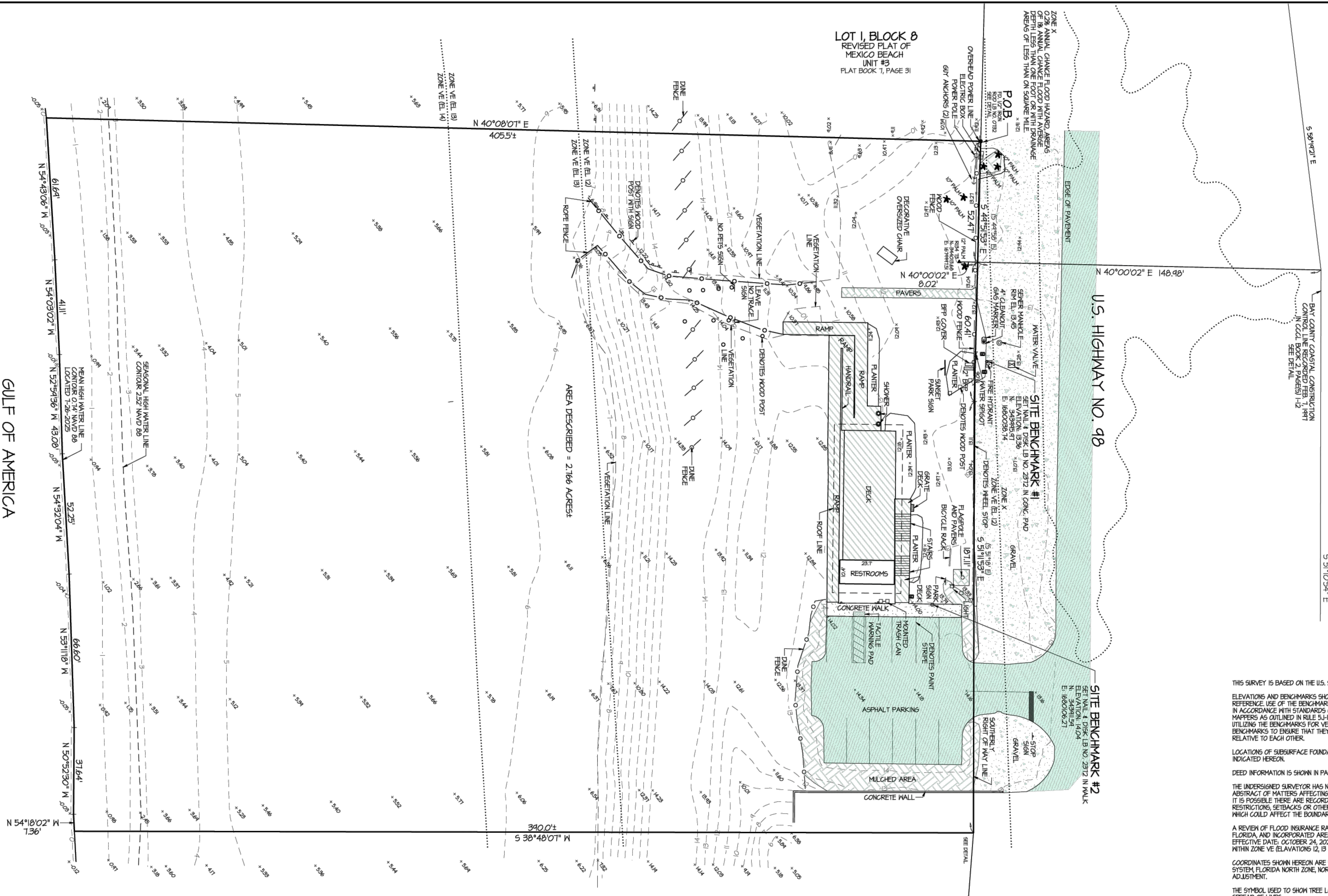
COORDINATES SHOWN HEREON ARE REFERENCED TO THE STATE PLANE COORDINATE SYSTEM, FLORIDA NORTH ZONE, NORTH AMERICAN DATUM 1983 (NAD 83), 2001 ADJUSTMENT.

THE SYMBOL USED TO SHOW TREE LOCATION IN NO WAY REPRESENTS TRUNK SIZE OR SPREAD OF LIMBS.

**BUCHANAN & HARPER, INC.**  
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE  
CERTIFICATE OF AUTHORIZATION NUMBER: 2372  
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401 — TELEPHONE (850) 763-7427

THE UNDERSIGNED, JOE TINDELL, FLORIDA LAND SURVEYOR NO. 4950, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON CONFORMS TO THE STANDARDS OF PRACTICE FOR PROFESSIONAL SURVEYORS AND MAPPERS AS OUTLINED IN RULE 5J-17, FLORIDA ADMINISTRATIVE CODE.

FLAT OF	TOPOGRAPHIC SURVEY	SCALE	1" = 20'
SURVEYED	1-14-25	DRAWN	1-17-25
REVISED	7-26-25	TOPOGRAPHIC INFORMATION	VISIBLE AS SHOWN
REVISED			
REVISED			
SOURCE OF INFORMATION	OFFICIAL RECORDS OF BAY COUNTY, FLORIDA		
BEARING REFERENCE	5 50°45'36" E ALONG THE SOUTHERLY LINE OF U.S. HIGHWAY NO. 98		
ELEVATION REFERENCE	N65 BENCHMARK 812 8495 G ~ ELEVATION = 21.06 NAVD 88		
F.B.	1213	PA.	06
JOB NO.	13742.02	FILE NO.	E 489 A
SHEET NO.	1	OF 1	



GULF OF AMERICA

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY THE BOARD OF SURVEYORS AND MAPPERS ON THE DATE OF ISSUANCE.

**GENERAL PROVISIONS**

- THE CONTRACTOR SHALL OBTAIN FROM THE OWNER COPIES OF ALL AVAILABLE REGULATORY AGENCY PERMITS AND LOCAL AGENCY PERMITS.
- CONTRACTOR, AS PART OF THE BASE BID, SHALL FIELD LOCATE ALL UNDERGROUND UTILITIES WITHIN THE PROJECT AREA WITHIN THE 30 DAYS OF PROJECT AWARD. CONTRACTOR SHALL REVIEW THE PLANS AND SHALL NOTE ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
- CONTRACTORS, AS PART OF THE BASE BID, SHALL PROVIDE ALL COORDINATION WITH UTILITY PROVIDERS TO PROVIDE FOR THE MATERIALS AND WORK NEEDED TO PROVIDE SERVICES TO THE PROJECT.
- CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE FOR ALL DEMOLITION OF ABOVE GROUND AND UNDERGROUND IMPROVEMENTS IN ORDER TO CONSTRUCT THE PROPOSED IMPROVEMENTS NOTED ON THE PLANS. UNLESS APPROVED IN WRITING FROM THE OWNER, ALL MATERIALS SHALL BE REMOVED FROM THE SITE AS PART OF THE BASE BID.
- ALL DETAILS AND REFERENCES TO FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) SHALL REFER TO THE LATEST EDITION OF THE FDOT DESIGN STANDARDS.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE AND GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES, IN SUCH A MANNER AS TO AVOID CONFLICT AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH UTILITY REQUIREMENTS AS TO LOCATION AND SCHEDULING FOR TIE-INS/ CONNECTIONS PRIOR TO CONNECTING TO EXISTING UTILITIES.
- CONTRACTOR AND HIS SURVEYOR SHALL NOTE THE PROJECT BENCHMARK INFORMATION PROVIDED IN THE PLANS AND VERIFY PRIOR TO CONSTRUCTION.
- ALL CONSTRUCTION PROJECTS 1 OR MORE ACRES IN SIZE THAT DISCHARGE TO OFFSITE AREAS ARE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORM-WATER DISCHARGE FROM SMALL AND LARGE CONSTRUCTION ACTIVITIES. IN ORDER TO MEET NPDES REQUIREMENTS, THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING, INSPECTING, MAINTAINING, AND REPORTING ON ALL ELEMENTS OF THE SWPPP, COMPLETING AND SUBMITTING THE REQUIRED NOTICE OF INTENT (NOI) AND NOTICE OF TERMINATION (NOT) FORMS AS THE OPERATOR, AND PAYING ALL ASSOCIATED FEES. FOR PROJECTS LESS THAN 1 ACRE IN SIZE THAT ARE NOT REQUIRED TO COMPLY WITH THE NPDES GENERAL PERMIT, THE CONTRACTOR IS STILL RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO AND DURING CONSTRUCTION IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
- UNLESS OTHERWISE NOTED ON THE PLANS, THE CONTRACTOR SHALL USE THE GEOMETRY PROVIDED ON THE CONSTRUCTION PLANS. BENCHMARK INFORMATION SHALL BE PROVIDED TO THE CONTRACTOR BY THE OWNER OR OWNER'S SURVEYOR. ANY DISCREPANCIES BETWEEN FIELD MEASUREMENTS AND CONSTRUCTION PLAN INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- BASE SURVEY INFORMATION INCLUDING BUT NOT LIMITED TO ELEVATIONS, EASEMENTS, RIGHTS OF WAY, AND OTHER TOPOGRAPHIC INFORMATION HAS BEEN PREPARED BY OTHER PROFESSIONALS. ANCHOR CEI, INC. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.
- THIS SET OF PLANS MAY CONTAIN DRAWINGS PREPARED BY OTHER PROFESSIONALS, WHICH CONTAIN THE NAME, ADDRESS, AND LOGO OF THE PROFESSIONAL. ANCHOR CEI, INC. IS NOT RESPONSIBLE FOR DRAWINGS PREPARED BY OTHER PROFESSIONALS.
- THE CONTRACTOR SHALL SUBMIT ONE ELECTRONIC COPY OF SHOP DRAWINGS TO THE ENGINEER TO KEEP FOR HIS RECORDS. THE ENGINEER WILL NOT PROVIDE FOR APPROVAL OF SHOP DRAWINGS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL MATERIALS FOR ACCURACY PRIOR TO ORDERING THE MATERIALS. ANY DISCREPANCIES IDENTIFIED BY THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- PROTECT BENCHMARKS, PROPERTY CORNERS, AND OTHER SURVEY MONUMENTS FROM DAMAGE OR DISPLACEMENT. IF MARKER NEEDS TO BE REMOVED IT SHALL BE REFERENCED BY LICENSED LAND SURVEYOR AND REPLACED, AS NECESSARY, BY SAME.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL QUALITY CONTROL TESTING. AS A MINIMUM, TESTING SHALL INCLUDE A) PIPING AND STRUCTURAL EXCAVATION, BEDDING AND BACKFILL MATERIALS AND DENSITY TESTS; B) DETERMINATION OF COMPACTING EFFORT NEEDED FOR COMPLIANCE WITH THE DENSITY REQUIREMENTS; C) PORTLAND CEMENT CONCRETE AND ASPHALT PAVING QUALITY CONTROL TESTING INCLUDING DESIGN MIX REVIEW, MATERIALS, FIELD SLUMP AND AIR CONTENT, AND FIELD AND LAB CURED STRENGTH SAMPLES AND TESTING.
- IN ADDITION TO QUALITY CONTROL TESTING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED TESTING OR APPROVALS FOR ANY WORK (OR ANY PART THEREOF) IF LAWS OR REGULATIONS OF ANY PUBLIC BODY HAVING JURISDICTION SPECIFICALLY REQUIRE TESTING, INSPECTIONS OR APPROVAL. THE CONTRACTOR SHALL PAY ALL COSTS IN CONNECTION THEREWITH AND SHALL FURNISH THE OWNER AND ENGINEER THE REQUIRED CERTIFICATES OF INSPECTION, TESTING OR APPROVAL.
- ANY DESIGN OR TESTING LABORATORY UTILIZED BY THE CONTRACTOR SHALL BE AN INDEPENDENT LABORATORY ACCEPTABLE TO THE OWNER AND THE ENGINEER, APPROVED IN WRITING, AND COMPLYING WITH THE LATEST

- EDITION OF THE "RECOMMENDED REQUIREMENTS FOR INDEPENDENT LABORATORY QUALIFICATION", PUBLISHED BY THE AMERICAN COUNCIL OF INDEPENDENT LABORATORIES.
- TESTING RESULTS SHALL BE PROVIDED TO THE OWNER/OPERATOR AND THE ENGINEER. ALL TEST RESULTS SHALL BE PROVIDED (PASSING AND FAILING) ON A REGULAR AND IMMEDIATE BASIS.
  - THE ENTIRE PROJECT SITE SHALL BE THOROUGHLY CLEANED AT THE COMPLETION OF THE WORK. CLEAN ALL INSTALLED PIPELINES, STRUCTURES, SIDEWALKS, PAVED AREAS, ACCUMULATED SILT IN PONDS, PLUS ALL ADJACENT AREAS AFFECTED BY CONSTRUCTION, AS DIRECTED BY THE OWNER OR JURISDICTIONAL AGENCY. EQUIPMENT TO CLEAN THESE SURFACES SHALL BE SUBJECT TO APPROVAL BY THE OWNER.
  - ALL DISTURBED AREAS WITHIN RIGHT OF WAYS SHALL BE FINISHED WITH SOD.
  - CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT BE LIMITED, FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
  - THE CONTRACTOR SHALL RECOGNIZE AND ABIDE BY ALL OSHA EXCAVATION SAFETY STANDARDS, INCLUDING THE FLORIDA TRENCH SAFETY ACT (90-96, LAWS OF FLORIDA). ANY MATERIAL, CONSTRUCTION METHODS, OR MATERIAL COST TO COMPLY WITH THESE LAWS SHALL BE INCIDENTAL TO THE CONTRACT.
  - CONTRACTOR MUST STOP OPERATION AND NOTIFY THE OWNER FOR PROPER DIRECTION IF ANY ENVIRONMENTAL OR HEALTH RELATED CONTAMINATE IS ENCOUNTERED DURING EXCAVATION.

**UTILITY GENERAL NOTES**

- THE UTILITY DATA SHOWN ON THESE PLANS WAS LOCATED BY THE RESPECTIVE UTILITY, OR IS BASED ON UTILITY DRAWINGS, MAPS, OR FIELD RECONNAISSANCE.
- THE LOCATION, MATERIAL TYPE, AND SIZE OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATIONS OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. ANY UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, THAT INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE CLOSELY COORDINATED WITH THE ENGINEER AND THE RESPECTIVE UTILITY COMPANY FOR RELOCATION OR PROPER INSTRUCTION.
- A SINGLE POINT UTILITY IDENTIFICATION SERVICE HAS BEEN SET UP FOR EXISTING UTILITIES. THE CONTRACTOR IS TO CONTACT THE SUNSHINE STATE ONE CALL CENTER BY DIALING "811" AT LEAST TWO (2) AND NO MORE THAN FIVE (5) WORKING DAYS PRIOR TO THE SPECIFIC CONSTRUCTION ACTIVITY FOR FIELD LOCATION. NOTE THAT NOT ALL UTILITIES PARTICIPATE IN THIS PROGRAM. THE CONTRACTOR SHOULD CONTACT ALL NON-PARTICIPATING UTILITIES SEPARATELY FOR FIELD LOCATION OF THEIR FACILITIES AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL KEEP LOCATE TICKETS UP TO DATE AT ALL TIMES.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION WITH EACH UTILITY AND ALL COSTS ASSOCIATED WITH THE PROTECTION OF EXISTING FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL ALSO COORDINATE NECESSARY RELOCATIONS OR OTHER CONSTRUCTION RELATED MATTERS WITH EACH UTILITY.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN IN SERVICE ALL EXISTING PIPING ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE DRAWINGS. ANY PIPING WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION OF SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR WITH THE PERMISSION OF THE OWNER AND THE ENGINEER.

**AS-BUILT DRAWING REQUIREMENTS**

- AS-BUILT DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER AT LEAST THREE WEEKS PRIOR TO FINAL INSPECTION. ALL AS-BUILT DATA SHALL BE PROVIDED BY A FLORIDA LICENSED SURVEYOR, SIGNED, SEALED AND DATED BY THE RESPONSIBLE PARTY. THE CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY ALL AS-BUILT SURVEY REQUIREMENTS BY THE GOVERNING AGENCIES PRIOR TO START OF CONSTRUCTION TO ENSURE THAT AS-BUILT INFORMATION IS PROVIDED FOR.
- ALL RECORD DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR IN AUTOCAD (ACAD) FORMAT USING CONSTRUCTION PLAN SHEETS PROVIDED BY THE ENGINEER. AS-BUILT INFORMATION SHALL BE FIELD VERIFIED, MEASURED, ADDED TO THE ACAD FILES OF THE CONSTRUCTION PLAN SHEETS PROVIDED BY THE ENGINEER, AND CERTIFIED, SIGNED AND SEALED BY THE CONTRACTOR'S LICENSED SURVEYOR WHO WILL BE RESPONSIBLE FOR THE ACCURACY OF ALL DIMENSIONS AND ELEVATIONS.

- THE AS-BUILT INFORMATION IS TO INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING (AS APPLICABLE):
  - HORIZONTAL LOCATIONS AND VERTICAL ELEVATIONS FOR ALL UTILITY AND STORM STRUCTURES INCLUDING BUT NOT LIMITED TO MANHOLES, INLETS AND CLEANOUTS, INCLUDING STRUCTURE TOP AND INVERT ELEVATIONS.
  - DISTANCE ALONG PIPELINES BETWEEN STRUCTURES.
  - STORM-WATER POND TOP OF BERM AND POND BOTTOM ELEVATIONS AND HORIZONTAL DIMENSIONS MEASURED AT A MINIMUM OF TEN LOCATIONS PER POND, AT LOCATIONS DESIGNATED BY THE ENGINEER. TOP OF POND HORIZONTAL DIMENSIONS ARE ALSO TO BE TIED TO PROPERTY CORNERS, EASEMENTS, AND RIGHTS-OF-WAY.
  - STORM-WATER CONTROL STRUCTURE DIMENSIONS AND ELEVATIONS, INCLUDING ALL WEIRS, SLOTS, ORIFICES, GRATES, AND SKIMMERS.
  - STORMWATER CONVEYANCE SYSTEMS INCLUDING DIMENSIONS, ELEVATIONS, CONTOURS, AND CROSS SECTIONS.
  - HORIZONTAL LOCATIONS AND VERTICAL ELEVATIONS OF ALL UTILITY VALVES, FITTINGS, CONNECTION POINTS, ETC.
  - VERTICAL ELEVATIONS OF ALL PIPELINES AT CROSSINGS OF POTABLE WATER MAINS (WHETHER THE WATER MAIN IS EXISTING OR NEW) IN ORDER TO DOCUMENT THAT THE MINIMUM REQUIRED VERTICAL SEPARATION HAS BEEN MET.
  - UTILITY PIPELINE TIED HORIZONTALLY TO EDGE OF PAVEMENT AND RIGHT-OF-WAY LINES, LOCATED EVERY 200-FT PLUS ALL CHANGES IN HORIZONTAL OFFSET.
  - PAVEMENT WIDTH AND ELEVATIONS AT THE CENTERLINE AND EDGE OF PAVEMENT EVERY 200 FEET PLUS AT ALL CHANGES IN LONGITUDINAL SLOPE, CROSS SLOPE, INLET LOCATIONS, AND AT ALL DRIVEWAY AND STREET INTERSECTIONS. FOR PARKING LOTS, RECORD CENTERLINE AND EDGE OF PAVEMENT ELEVATIONS ALONG ALL DRIVE AISLES AND ISLANDS.
  - ALL PARKING AREAS, DECKING, WALKWAYS AND SIDEWALK RAMPS DESIGNATED FOR HANDICAP ACCESS SHALL CONTAIN HORIZONTAL AND VERTICAL MEASUREMENTS IN ORDER TO VERIFY REQUIRED WIDTHS AND SLOPES HAVE BEEN MET.
  - HORIZONTAL AND VERTICAL DATA FOR ANY CONSTRUCTION THAT DEVIATES FROM THE APPROVED ENGINEERING DRAWINGS.
  - WHERE THE PLANS CONTAIN SPECIFIC HORIZONTAL LOCATION DATA, SUCH AS STATION AND OFFSET, THE AS-BUILT DRAWINGS ARE TO REFLECT THE ACTUAL HORIZONTAL LOCATION.
  - WHERE THE PLANS CONTAIN SPECIFIC VERTICAL ELEVATION DATA, THE AS-BUILT DRAWINGS ARE TO REFLECT THE ACTUAL MEASURED VERTICAL ELEVATION.
  - ANY ADDITIONAL INFORMATION REQUIRED BY GOVERNING AGENCIES.

- IN CASES WHERE THE OWNER DETERMINES PARTIAL CLEARANCES FROM PERMITTING AGENCIES ARE BENEFICIAL TO THE OWNER FOR COMPLETED PORTIONS OF THE PROJECT, PROVIDE PRELIMINARY AS-BUILT DRAWINGS (ACAD FORMAT) TO THE ENGINEER FOR ITS USE IN PREPARING THE PARTIAL CLEARANCE APPLICATIONS FOR THE OWNER.
- COMPLETE AS-BUILT DRAWINGS THAT ARE FOUND TO BE SATISFACTORY AS A RESULT OF THE ENGINEER'S REVIEW WILL BE USED AS THE BASIS FOR THE FINAL PROJECT RECORD DRAWINGS PREPARED BY THE ENGINEER USING THE CONTRACTOR PROVIDED AS-BUILT DRAWINGS PLUS ENGINEER ADDED INFORMATION.

**TRAFFIC CONTROL**

- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A MAINTENANCE OF TRAFFIC (M.O.T.) PLAN PRIOR TO CONSTRUCTION (IF APPLICABLE). THE M.O.T. PLAN SHALL SHOW ALL PROPOSED TRAFFIC CONTROL SIGNS, PAVEMENT MARKINGS, AND BARRICADES, AND SHALL DETAIL ALL PROPOSED CONSTRUCTION SEQUENCING. THE M.O.T. PLAN AND INSTALLED TRAFFIC CONTROL MEASURES SHALL BE APPROVED BY THE ENGINEER, OWNER, AND ROADWAY JURISDICTIONAL AGENCY PRIOR TO CONSTRUCTION. IN GENERAL, ROADWAY AND DRIVEWAY LANE CLOSURES ARE PROHIBITED DURING CONSTRUCTION UNLESS SPECIFICALLY DETAILED ON THESE PLANS. IN THE EVENT IT IS DETERMINED THAT ROADWAY AND DRIVEWAY LANE CLOSURES WILL BE ALLOWED, THE CLOSURES SHALL BE RESTRICTED TO THE HOURS BETWEEN 9:00 A.M. AND 4:00 P.M. UNLESS OTHERWISE AUTHORIZED IN THE APPROVED M.O.T.
- ALL TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH FDOT INDEX NO. 600 AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL TRAFFIC CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND MAINTAINED DURING CONSTRUCTION.
- INSPECT TRAFFIC CONTROL DEVICES ON A DAILY BASIS TO ENSURE PLACEMENT OF BARRICADES AND FUNCTION OF LIGHTS IS MAINTAINED THROUGHOUT CONSTRUCTION.
- CONTACT PROPERTY OWNERS AFFECTED BY CONSTRUCTION. COORDINATE TEMPORARY DRIVEWAY CLOSURES AND SEQUENCING. MAINTAIN ACCESS FOR ALL PROPERTY OWNERS DURING CONSTRUCTION.

- WET UNSTABLE AREAS AS NECESSARY TO CONTROL DUST.
- ADJUST TRAFFIC CONTROL DEVICES AS REQUIRED UNDER EMERGENCY CONDITIONS.
- THE CONTRACTOR IS EXPECTED TO COORDINATE ITS ACTIVITIES WITH OTHER CONTRACTORS WHO MAY BE WORKING IN THE IMMEDIATE VICINITY.
- WHEN WORK OCCURS WITHIN 15-FT OF ACTIVE ROAD TRAVEL LANES BUT NO CLOSER THAN 2-FT FROM THE EDGE OF PAVEMENT, SIGNS AND WARNING DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH FDOT INDEX NO. 600 AND 602.
- TYPE I OR TYPE II BARRICADES AT 20-FT CENTERS SHALL BE PLACED AND MAINTAINED ALONG THE EDGE OF THE ROAD WHEREVER DROP-OFFS OR OTHER HAZARDS EXIST AND TO BLOCK ENTRANCE INTO COMPLETED OR PARTIALLY COMPLETED PAVEMENTS UNTIL SUCH PAVEMENTS ARE OPEN TO PUBLIC USE.

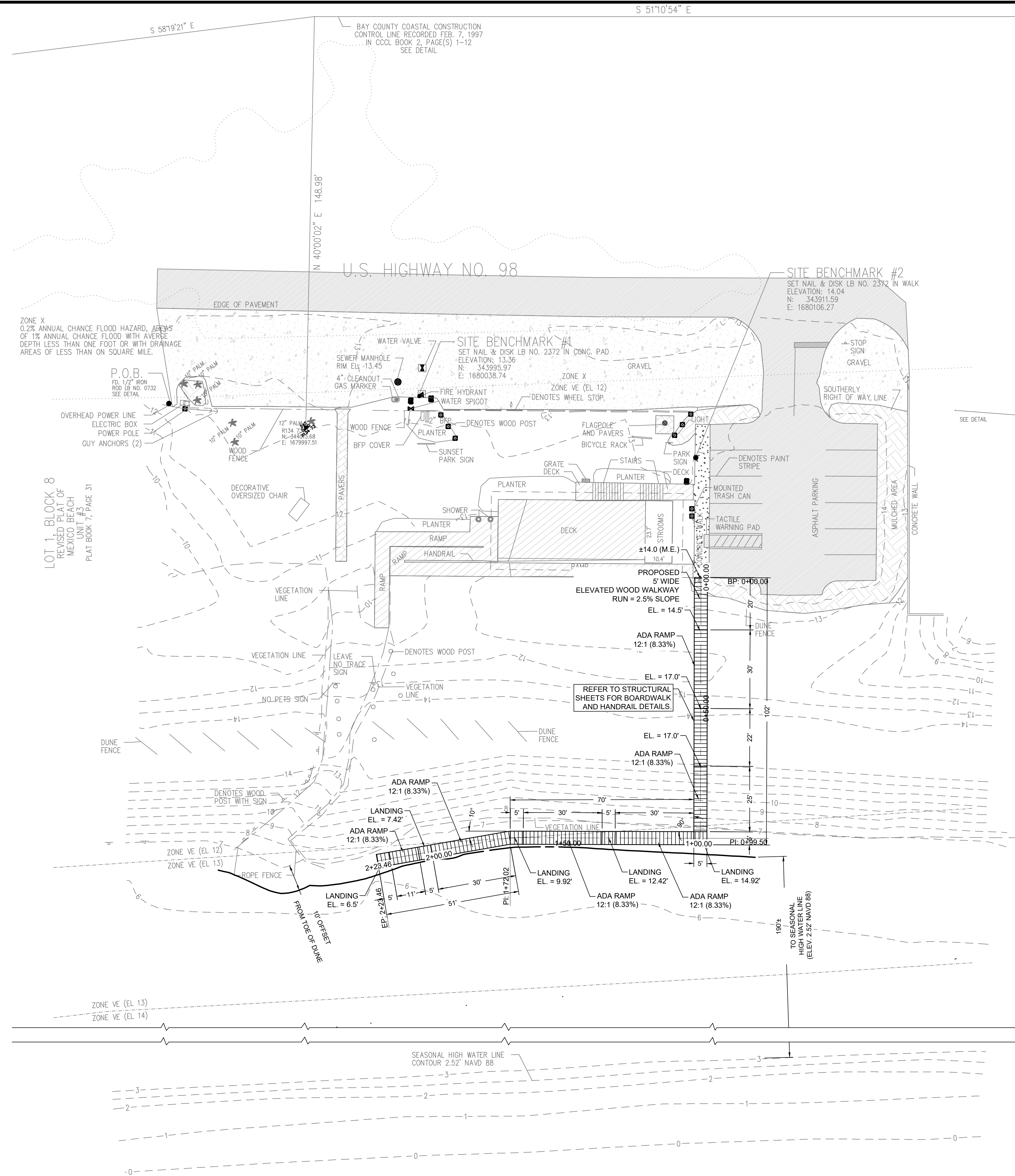
**SITE PREPARATION**

- UNLESS OTHERWISE DIRECTED BY THE OWNER OR ENGINEER, THE CONTRACTOR IS EXPECTED TO CONTAIN ALL CONSTRUCTION ACTIVITIES WITHIN THE PROPERTY, RIGHT-OF-WAY, AND EASEMENTS AS INDICATED ON THE DRAWINGS. AT NO TIME SHALL THE CONTRACTOR DISTURB SURROUNDING PROPERTIES OR TRAVEL ON SURROUNDING PROPERTIES WITHOUT WRITTEN CONSENT FROM THE PROPERTY OWNER. ANY REPAIR OR RECONSTRUCTION OF DAMAGED AREAS IN SURROUNDING PROPERTIES SHALL BE REPAIRED BY THE CONTRACTOR ON AN IMMEDIATE BASIS. ALL COSTS FOR REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION SHALL BE PROVIDED.
- STAKE OUT THE CONSTRUCTION, ESTABLISH LINES AND LEVELS, TEMPORARY BENCH MARKS, BATTER BOARDS, CENTERLINES, BASELINES, AND REFERENCE POINTS FOR THE WORK, AND VERIFY ALL DIMENSIONS RELATING TO INTERCONNECTION WITH EXISTING FEATURES. REPORT ANY INCONSISTENCIES IN THE PROPOSED GRADES, LINES AND LEVELS, DIMENSIONS AND LOCATIONS TO THE ENGINEER BEFORE COMMENCING WORK.
- PROTECT ALL TREES AND SHRUBS LOCATED OUTSIDE THE RIGHT-OF-WAY, EASEMENTS, AND OWNER SECURED PROPERTY, PARTICULARLY THOSE TREES AND SHRUBS LOCATED ADJACENT TO WORK AREAS.
- WITHIN THE RIGHT-OF-WAY, EASEMENTS, AND OWNER SECURED PROPERTY, THE INTENT IS TO ALLOW TREES AND SHRUBS TO REMAIN IN ACCORDANCE WITH THE FOLLOWING SCHEDULE: NEW ROADWAY CONSTRUCTION - TREES AND SHRUBS TO REMAIN WHERE LOCATED MORE THAN 15 FEET FROM THE BACK OF CURB, OR OUTSIDE THE LIMITS OF EXCAVATION OR FILL AREAS, WHICHEVER IS FURTHER. UTILITY PIPELINE CONSTRUCTION - TREES AND SHRUBS TO REMAIN OUTSIDE A 15 FOOT WIDE PATH, CENTERED ON THE PIPELINE.
- TREES TO REMAIN IN THE CONSTRUCTION AREA SHALL BE BOXED, FENCED OR OTHERWISE PROTECTED IN ACCORDANCE WITH DETAILS ON THE DRAWINGS. DO NOT PERMIT HEAVY EQUIPMENT OR STOCKPILES WITHIN BRANCH SPREAD
- AREAS TO RECEIVE CLEARING AND GRUBBING SHALL INCLUDE ALL AREAS TO BE OCCUPIED BY THE PROPOSED IMPROVEMENTS, AREAS FOR FILL AND SITE GRADING, AND BORROW SITES. REMOVE TREES OUTSIDE OF THESE AREAS ONLY AS INDICATED ON THE DRAWINGS OR AS APPROVED IN WRITING BY THE ENGINEER.
- CLEARING SHALL CONSIST OF REMOVING TREES AND BRUSH AND DISPOSAL OF OTHER MATERIALS THAT ENCROACH UPON OR OTHERWISE OBSTRUCT THE WORK.
- EXERCISE EXTREME CARE DURING THE CLEARING AND GRUBBING OPERATIONS. DO NOT DAMAGE EXISTING STRUCTURES, PIPES OR UTILITIES.
- GRUBBING SHALL CONSIST OF REMOVING AND DISPOSING OF STUMPS, ROOTS LARGER THAN 2" IN DIAMETER, AND MATTED ROOTS. REMOVE TO A DEPTH OF NOT LESS THAN 18" BELOW THE ORIGINAL SURFACE LEVEL OF THE GROUND.
- ALL COMBUSTIBLE DEBRIS AND REFUSE FROM SITE PREPARATION OPERATIONS SHALL BE REMOVED TO LEGAL OFFSITE DISPOSAL AREAS.

**PERMIT SET**

No.	Date	Revision

Designed:	B. Silcox
Drawn:	B. Silcox
Checked:	E. Moore, P.E.
Job No.:	1328-014
Date:	12/5/2025

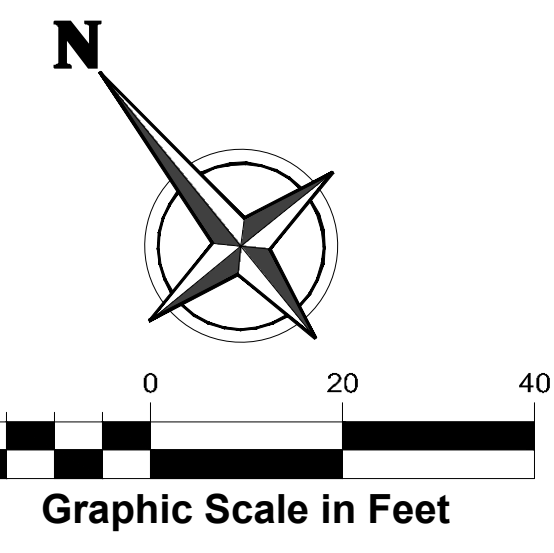


S 51°10'54" E

S 58°19'21" E

N 40°00'02" E 148.98'

BAY COUNTY COASTAL CONSTRUCTION CONTROL LINE RECORDED FEB. 7, 1997 IN CCCL BOOK 2, PAGE(S) 1-12 SEE DETAIL



**LEGEND:**

- EXISTING**
- N NORTH
  - S SOUTH
  - E EAST
  - W WEST
  - ' DEGREES
  - " MINUTES OR FEET
  - ''' SECONDS OR INCHES
  - LB NO. LAND SURVEYOR BUSINESS NUMBER
  - NAVD NORTH AMERICAN VERTICAL DATUM
  - PVC POLYVINYL CHLORIDE
  - EL. ELEVATION
  - NGVD NATIONAL GEODETIC VERTICAL DATUM
  - INV. INVERT
- PROPOSED**
- WATER METER
  - ◆ POWER POLE
  - ⚡ GUY ANCHOR
  - REFLECTOR
  - ⚓ SIGN POLE
  - W — WATER MAIN
  - FM — SANITARY FORCE MAIN
  - A — AERIAL UTILITY LINE
  - G — GAS MAIN
  - ▨ BOARDWALK

**BOARDWALK NOTE:**

- PROPOSED BOARDWALK SHALL NOT PROTRUDE PAST 10" TOE OF DUNE\* BUFFER.
- CONTRACTOR SHALL MAKE EVERY EFFORT TO PROTECT EXISTING DUNE VEGETATION DURING CONSTRUCTION OF BOARDWALK.



This item has been electronically signed and sealed by Elizabeth Moore, PE using a digital signature. Printed copies of this document are not considered signed and sealed unless they are verified on any electronic copies.

Elizabeth S. Moore, PE  
FL License No.: 57607

**PERMIT SET**

No.	Date	Revision

Designed: B. Silcox  
Drawn: B. Silcox  
Checked: E. Moore, P.E.  
Job No.: 1328-014  
Date: 12/5/2025

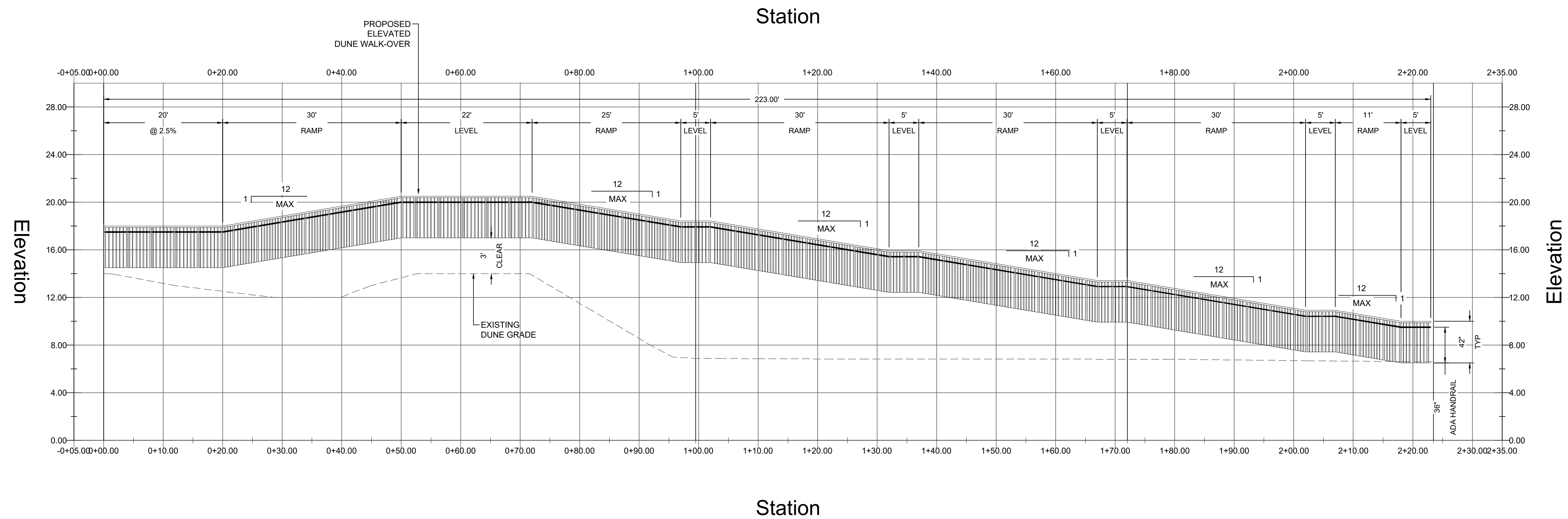
**SITE IMPROVEMENTS PLAN**  
**DUNE WALKOVER**  
**at SUNSET PARK**  
MEXICO BEACH ~ BAY COUNTY, FLORIDA

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.  
**CI.0**

**Sunshine811**  
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

This item has been electronically signed and sealed by Elizabeth Moore, PE. The original signature is not required. Printed copies of this document are not considered signed and sealed. All electronic signatures must be verified on any electronic copies.  
Elizabeth S. Moore, PE  
FL License No.: 57607



HOR. SCALE: 1" = 10'  
VER. SCALE: 1" = 5'

PERMIT SET

No.	Date	Revision

Designed: B. Silcox  
Drawn: B. Silcox  
Checked: E. Moore, P.E.  
Job No.: 1328-014  
Date: 12/5/2025

**PROPOSED WALK-OVER PROFILE**  
**DUNE WALKOVER**  
**at SUNSET PARK**  
MEXICO BEACH ~ BAY COUNTY, FLORIDA

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.  
**CI.1**

**Sunshine811**  
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

# STRUCTURAL GENERAL NOTES

## ABBREVIATIONS

AB	ANCHOR BOLT
ADOL	ADDITIONAL
ALT	ALTERNATE
ALUM	ALUMINUM
ARCH	ARCHITECTURAL or ARCHITECT
BLD	BUILDING
BLK	BLOCK
BLDG	BLOCKING
BM	BEAM
BS	BOTTOM OF STEEL
BRG	BEARING
B/S	BOTTOM SIDE
BTM or (B)	BOTTOM, "BOT" SIM
BTW	BETWEEN
CB	CARRIAGE BOLT
CFB	COLD FORMED STEEL
CIP	CAST IN PLACE
C.J.	CONTROL JOINT
CL or (L)	CENTER LINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
C.O.	CASED OPENING
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUE or CONTINUOUS
CSJ	CONSTRUCTION JOINT
CTR	CENTERED, "CENTR" SIM
DET	DETAIL
DL	DOUBLE
DIA or (Ø)	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIR	DIRECTION
D.L.	DEAD LOAD
DN	DOWN
DWG	DRAWING
DWL	DOWEL
EA	EACH
E.E.	EACH END
E.F.	EACH FACE
EJ	EXPANSION JOINT
ELEV	ELEVATION
EMBED	EMBEDDED or EMBEDMENT
EDGE	EDGE OF SLAB
E.O.	EXISTING GRADE
E.S.	EACH SIDE
EQ.	EQUAL
E.W.	EACH WAY
EX	EXISTING
EXPB	EXPANSION BOLT
EXT	EXTERIOR
F.F.	FAR FACE
F.FE	FINISHED FLOOR ELEVATION
F.G.	FINISHED GRADE
FN	FINISH
FL	FLOOR
FLG	FLANGE
FOUN	FOUNDATION
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FP	FULL PENETRATION
F/S	FAR SIDE
FT	FOOT OR FEET
FTG	FOOTING
GA	GALVE
GALV	GALVANIZED
GB	GRADE BEAM
GDR	GIRDER
GP	GUSSET PLATE
HAS	HEADED ANCHOR STUD
HD	HOLLOW
HGD	HOT DIP GALVANIZED
HDR	HEADER
HK	HOOK
HORZ	HORIZONTAL
HSB	HIGH STRENGTH BOLT
H.S.S.	HEADED SHEAR or "NELSON" STUD
HSS	HOLLOW STL SECTION or TUBE
I.F.	INSIDE FACE
IN	INCH OR INCHES
INT.	INTERIOR
INV	INVERT
JST	JOIST
JT	JOINT
K	KIP (1,000 POUNDS)
LB	POUNDS
L.E.	LEFT END
L.L.	LIVE LOAD
L.LD	LONG LEG DOWN
L.LH	LONG LEG HORIZONTAL
L.LV	LONG LEG VERTICAL
LONS	LONGITUDINAL
L.VL	LAMINATED VENEER LUMBER
LWC	LIGHT WEIGHT CONCRETE
MAS	MASONRY
MAX	MAXIMUM
MB	MACHINE BOLT
MFR	MANUFACTURER
MID or (M)	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
M.R.D.	METAL ROOF DECK
MTL	METAL
MTRL	MATERIAL
N.F.	NEAR FACE
NOM	NOMINAL
NO.	NUMBER OR #
N/S	NEAR SIDE
NS	NON-SHRINK
N.T.S.	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
O.C.	ON CENTER, "C" SIM
O.D.	OVERALL DIM, "OD" SIM
O.F.	OUTSIDE FACE
OPP	OPPOSITE
OVS	OVERSIZED
PCG	PRECAST CONCRETE
PEN	PENETRATION
PERP	PERPENDICULAR
P.L.	POINT LOAD
PL	PLATE
PSL	PARALLEL STRAND LUMBER
PT	POINT
P.T.	PRESSURE TREATED or POST-TENSION
P.U.	RIGHT END
REINF	REINFORCING
REF	REFERENCE
RET	RETURN
REQ	REQUIRED
R.L.L.	ROUGH LIVE LOAD
R.O.	ROUGH OPENING
SC	SLIP CRITICAL
SCHED	SCHEDULE
S.D.N.	STRUCTURAL DESIGN NOTES
SM	SIMILAR
SOG	SLAB ON GRADE
S.E.	STUD PACK
SPECS	SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL, "S.S." SIM
STAD	STANDARD
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STR	STRUCTURAL, "STRUCT" SIMILAR
S.W.	SHEAR WALL
SYM	SYMMETRICAL
T or (T)	TOP
T&B	TEMPERATURE & SHRINKAGE REINF.
T/S	TOP SIDE
TDR	THREADED ROD
TEMP.	"T&B" FOR REINF, ELSE TEMPORARY
THK	THICK OR THICKNESS
T.O.B.	TOP OF BEAM
T.O.C.	TOP OF CONCRETE
T.O.F.	TOP OF FOOTING
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
TRANS	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE, "U.N.O." SIM
U.W.A.	UNDER WALL ABOVE, "U.W.A." SIM
VERT	VERTICAL
W	WITH
WF	WIDE FLANGE
WP	WORKING POINT
WWF	WELDED WIRE FABRIC
WWW	WELDED WIRE MESH

## 1. GENERAL NOTES:

- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH PROJECT SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR OPENINGS, DEPRESSIONS, EQUIPMENT WEIGHTS AND LOCATIONS, EMBEDDED ITEMS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
- DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
- NO STRUCTURAL MEMBER OR COMPONENT SHALL BE CUT, NOTCHED, OR OTHERWISE ALTERED UNLESS APPROVED IN WRITING BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL COSTS INCURRED BY THE ENGINEER OF RECORD FOR REVIEW OF ANY SUCH DEVIATIONS.
- DO NOT SCALE DRAWINGS.
- THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE CONSTRUCTION IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, AND TIEDOWNS.
- DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. THE APPLICABILITY OF THE DETAIL TO ITS LOCATION ON THE DRAWINGS CAN BE DETERMINED BY THE TITLE OF DETAIL. SUCH DETAILS SHALL APPLY WHETHER OR NOT THEY ARE REFERENCED AT EACH LOCATION. QUESTIONS REGARDING APPLICABILITY OF TYPICAL DETAILS SHALL BE DETERMINED BY THE ENGINEER OF RECORD.
- THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCIES BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECT AND ENGINEER OF RECORD PRIOR TO THE FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS.
- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THE METHOD OR MEANS OF CONSTRUCTION, THE CONTRACTOR REMAINS SOLELY RESPONSIBLE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCE AND SAFETY. THE ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE STRUCTURAL ENGINEER. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR ALSO SHALL BE RESPONSIBLE FOR MEANS, METHOD, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.
- PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF ATLAS ENGINEERING AND CONSULTING, LLC IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN GENERAL ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHALL NOT BE CONSIDERED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK.
- ALL STRUCTURES REQUIRE PERIODIC MAINTENANCE TO EXCEED LIFE SPAN AND TO ENSURE STRUCTURAL INTEGRITY FROM EXPOSURE TO THE ENVIRONMENT. A PLANNED PROGRAM OF MAINTENANCE SHALL BE ESTABLISHED BY THE OWNER. THIS PROGRAM SHALL INCLUDE ITEMS SUCH AS, BUT NOT LIMITED TO, PAINTING OF STRUCTURAL STEEL, PROTECTIVE COATINGS FOR CONCRETE, SEALANTS, CALKED JOINTS, EXPANSION JOINTS, CONTROL JOINTS, SPALLS AND CRACKS IN CONCRETE, AND PRESSURE WASHING OF EXPOSED STRUCTURAL ELEMENTS EXPOSED TO SALT ENVIRONMENT OR OTHER HARSH CHEMICALS.
- ALL CONSTRUCTION SHALL CONFORM TO THE FLORIDA BUILDING CODE 6TH EDITION (2023). REFERENCE TO OTHER CODES OR STANDARD SPECIFICATIONS REFER TO THE LATEST EDITION OF SUCH CODES OR SPECIFICATIONS, UNLESS STATED OTHERWISE.
- NO PROVISIONS HAVE BEEN MADE FOR VERTICAL OR HORIZONTAL EXPANSION EXCEPT AS SHOWN ON CONTRACT DOCUMENTS.
- THE USE OF REPRODUCTIONS OF THESE CONTRACT DOCUMENTS AND USE OF CAD FILES BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS IS PROHIBITED UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM ENGINEER OF RECORD.
- IN THE EVENT THAT THE STRUCTURAL CONTRACTS DRAWINGS AND SPECIFICATIONS CONFLICT ON INFORMATION, THE STRUCTURAL CONTRACT DRAWINGS SHALL SUPERSEDE THE SPECIFICATIONS.

## 2. CODE DESIGN:

- STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 2023 FLORIDA BUILDING CODE.
- GRAVITY LOADS
  - UNIFORM LIVE LOADS:
    - GENERAL: 40 PSF
- WIND LOADS (ASCE 7-22):
  - BASIC WIND SPEED = 135 MPH (INTERPOLATED VALUE)
  - STRUCTURAL RISK CATEGORY = II
  - WIND EXPOSURE CATEGORY = D
  - ENCLOSURE CLASSIFICATION = OPEN
- FLOOD DESIGN DATA:
  - FLOOD ZONE = AE
  - BE = 10
  - PANEL NO = 12005CD164J

## 3. FOUNDATIONS:

- THE FOUNDATIONS ARE DESIGNED FOR AN ANTICIPATED ALLOWABLE SOIL BEARING PRESSURE OF 2,000 PSF ON COMPACTED FILL IF GEOTECHNICAL INVESTIGATION HAS NOT BEEN CONDUCTED.
- REGARDLESS OF WHETHER OR NOT A GEOTECHNICAL INVESTIGATION IS PERFORMED, NO WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE BY ATLAS ENGINEERING AND CONSULTING, LLC FOR THE PERFORMANCE OF THE FOUNDATION.
- AT A MINIMUM, SITE PREPARATION WORK SHALL INCLUDE:
  - STRIPPING AND GRUBBING OF THE BUILDING FOOTPRINT PLUS A MARGIN OF 5 FEET AROUND THE BUILDING, REMOVING ALL ORGANIC MATERIALS.
  - PROOF ROLLING THE BUILDING SITE TO LOCATE ANY UNFORESEEN SOFT AREAS. ANY SOFT AREAS SHALL BE EXCAVATED AND REPLACED WITH CLEAN FILL.

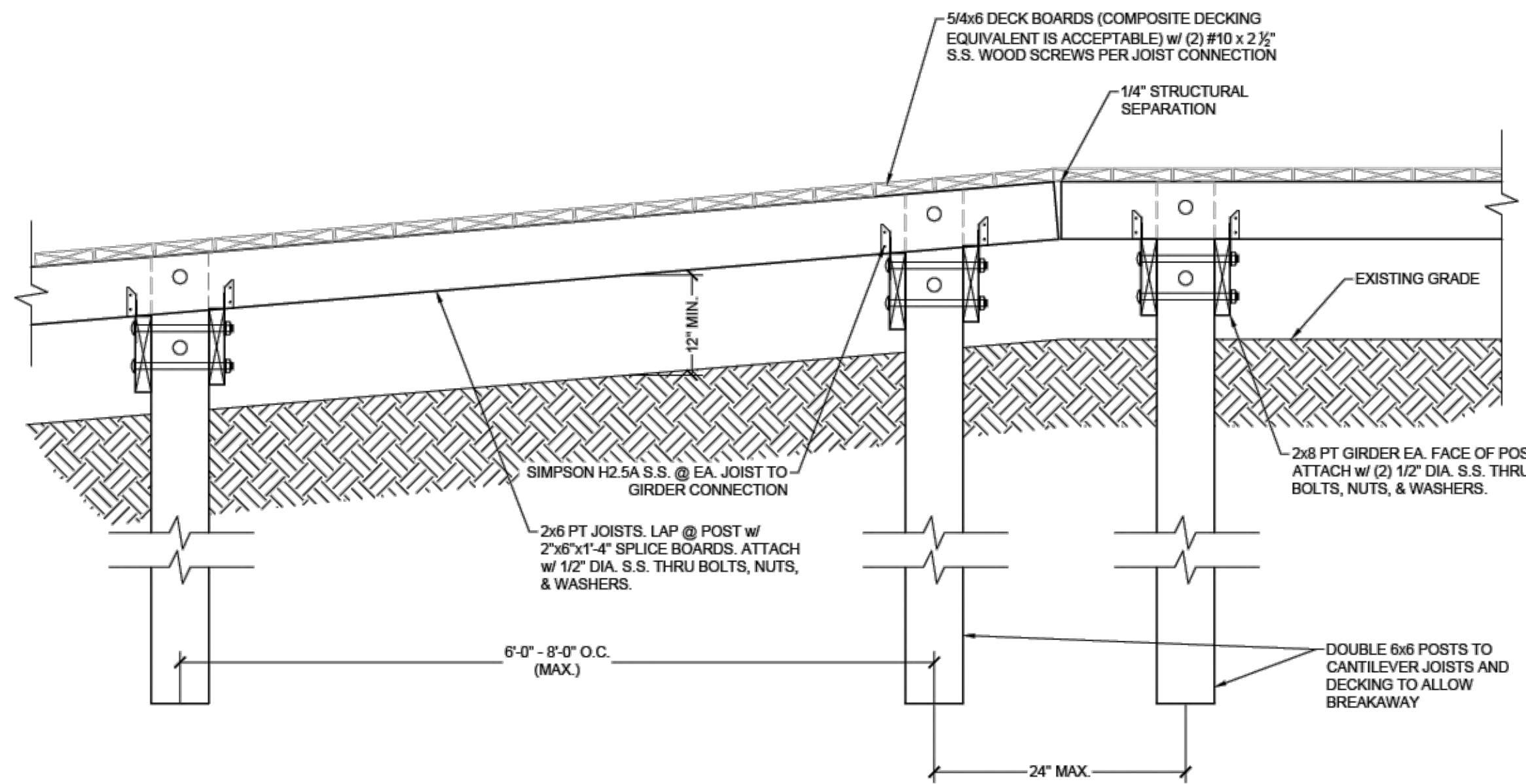
## 4. WOOD:

- PROVIDE DRESSED SEASONED LUMBER, S4S, WITH A MAXIMUM MOISTURE CONTENT OF 10% AT TIME OF DRESSING AS LISTED BELOW.
- ALL DIMENSIONAL LUMBER TO BE #2 SOUTHERN YELLOW PINE OR EQUAL.
- ALL PILES/PIERS TO BE TREATED TO CCA 2.5 SPECIFICATIONS OR BETTER.
- ALL DIMENSIONAL LUMBER TO BE TREATED TO CCA 0.80 SPECIFICATIONS OR BETTER.

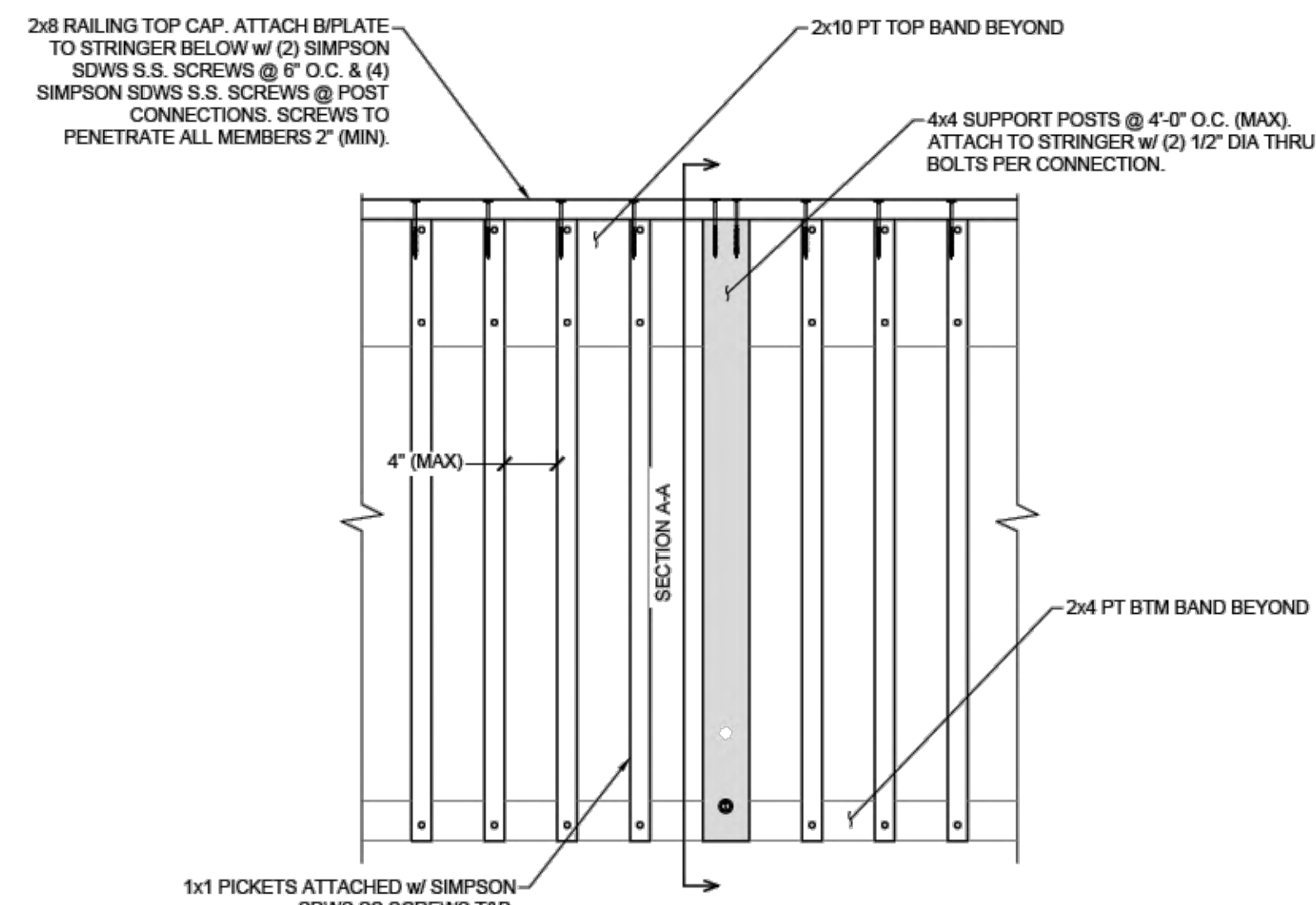
## 5. HARDWARE:

- ALL HARDWARE TO CONSIST OF STAINLESS STEEL.
- CONTRACTOR TO INSTALL WASHER UNDER HEAD OF BOLTS & NUTS (EXCLUDING CARRIAGE BOLTS).
- GRADES:
 

5.3.1	HIGH STRENGTH BOLTS:	ASTM A325
5.3.2	HEAVY HEX NUTS:	ASTM A429
5.3.3	HARDENED STEEL WASHERS:	ASTM F436
5.3.4	STAINLESS STEEL SUBSTITUTION:	316



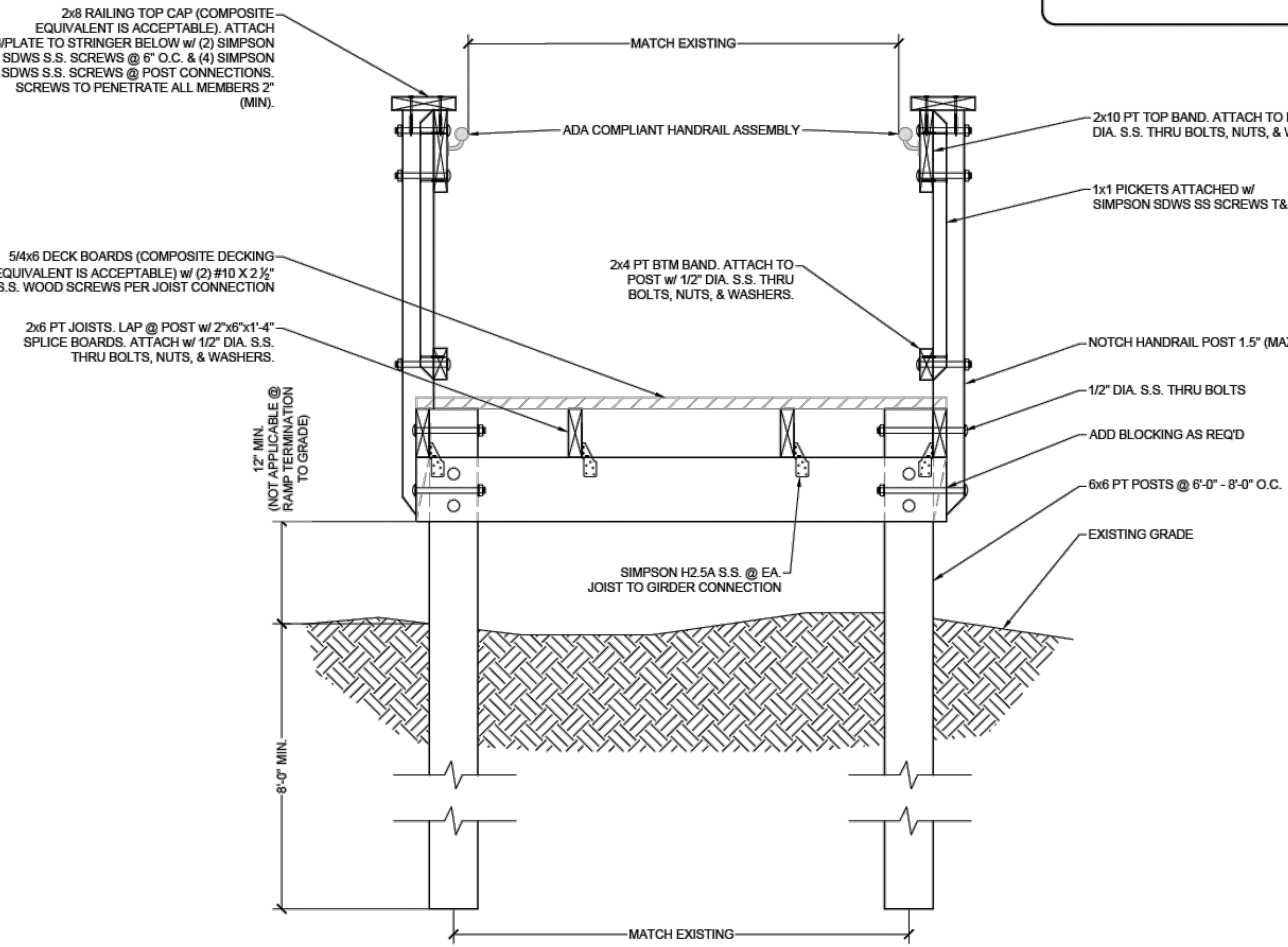
**A DUNE WALKOVER ELEVATION VIEW**  
SCALE: N.T.S.



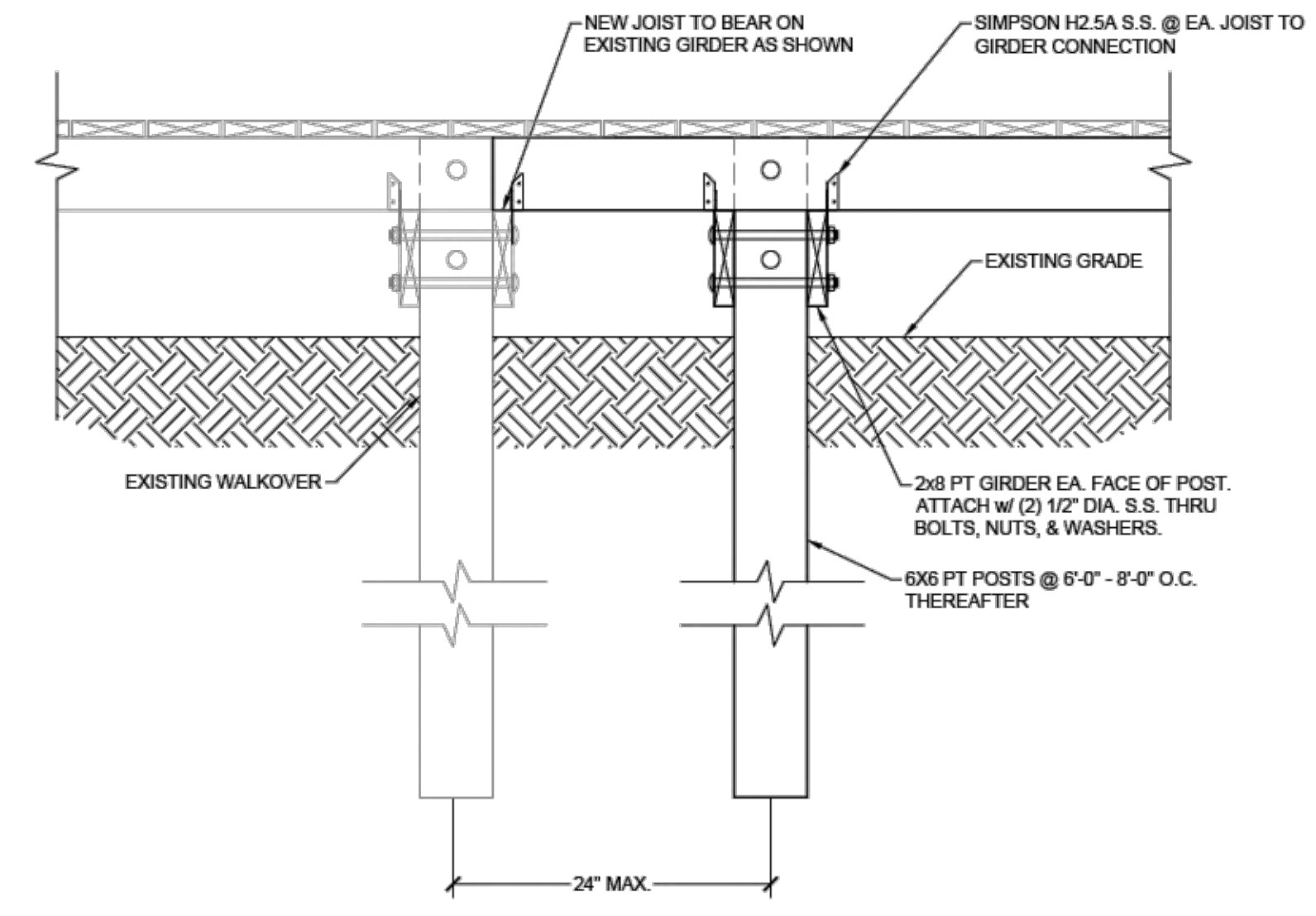
**C TYP. HANDRAIL DETAIL - ELEVATION VIEW**  
SCALE: 1" = 1'-0"

**WALKOVER NOTES**

- ALL HARDWARE TO BE STAINLESS STEEL.
- USE BOLTS FOR ALL CONNECTIONS TO POSTS. BOLTS IN HANDRAILS SHALL HAVE NUT END TOWARD POST. COUNTERSINK SO THAT BOLT DOES NOT PROJECT BEYOND POST. TRIM EXCESS OF PROJECTING BOLTS AFTER FASTENING.
- MAXIMUM SLOPE OF RAMP SHALL BE 1 TO 12.



**B CROSS SECTION**  
SCALE: N.T.S.



**D NEW TO EXISTING WALKOVER CONNECTION**  
SCALE: 1" = 1'-0"



RELEASE RECORD	
REVIEW ONLY / N.F.C.	10/27/2025
PERMIT / CONSTR.	12/05/2025

DESIGNER:	KDP
REVIEWED BY:	CLH
PROJECT NO.:	25-000-056
SHEET SCALE:	N.T.S.

**ATLAS ENGINEERING AND CONSULTING**

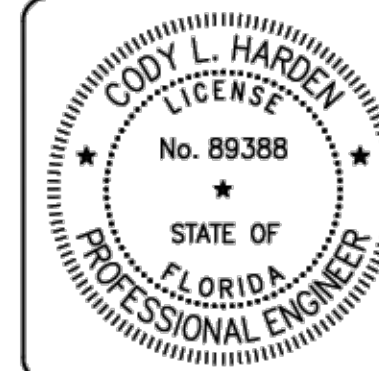
405 HARRISON AVE. SUITE B  
PANAMA CITY, FLORIDA 32401  
EMAIL: INFO@ATLASENG.US  
PHONE: (850) 297-5516  
REGISTRY NO. 94399

EXISTING PUBLIC BEACH ACCESS

**SUNSET PARK DUNE WALKOVER**

MEXICO BEACH, FLORIDA

SHEET TITLE	STRUCTURAL GENERAL NOTES
SHEET NO.	S001



**Cody L Harden**

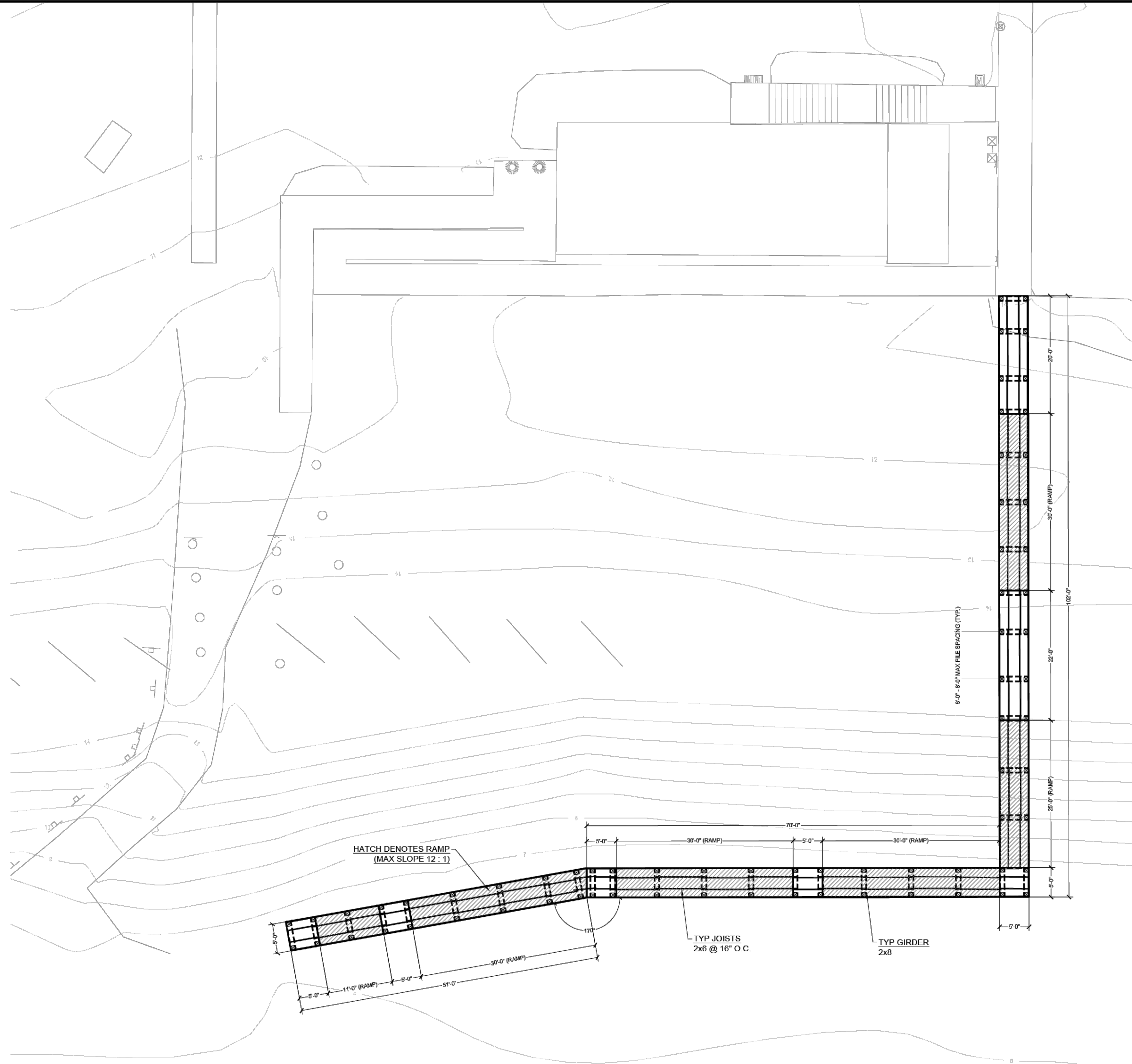
Digitally signed by Cody L Harden  
Date: 2025.12.05 10:38:11 -06'00'

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY CODY L. HARDEN, P.E., STATE OF FLORIDA 92988, 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.

**WALKOVER NOTES**

1. ALL WOOD TO BE P.T. #2 SYP OR BETTER.
2. ALL POSTS SHALL BE P.T. 6x6 RATED FOR GROUND CONTACT U.N.O.
3. ALL HARDWARE TO BE STAINLESS STEEL.
4. USE BOLTS FOR ALL CONNECTIONS TO POSTS. BOLTS IN HANDRAILS SHALL HAVE NUT END TOWARD POST. COUNTERSINK SO THAT BOLT DOES NOT PROJECT BEYOND POST. TRIM EXCESS OF PROJECTING BOLTS AFTER FASTENING.
5. DO NOT ENCASE BOTTOMS OF PILINGS IN CONCRETE.
6. MAXIMUM SLOPE OF RAMP SHALL BE 1 TO 12.
7. NO RAIL WHERE WALKOVER DECK IS LESS THAN 30" ABOVE GRADE.
8. MIN. 10" CLEARANCE FROM BTM OF JOIST.
9. FRAMING DESIGNED TO BE FRANGIBLE IN THE EVENT OF FLOOD EVENT.
10. PROVIDE DRESSED SEASONED LUMBER, S4S, WITH A MAXIMUM MOISTURE CONTENT OF 19% AT TIME OF DRESSING AS LISTED BELOW.
11. ALL DIMENSIONAL LUMBER TO BE #2 SOUTHERN YELLOW PINE OR EQUAL.
12. ALL PILES TO BE TREATED TO CCA 2.5 SPECIFICATIONS OR BETTER.
13. ALL DIMENSIONAL LUMBER TO BE TREATED TO CCA 0.80 SPECIFICATIONS OR BETTER.



RELEASE RECORD	
REVIEW ONLY / N.F.C.	10/27/2025
PERMIT / CONSTR.	12/05/2025

DESIGNER	KDP
REVIEWED BY:	CLH
PROJECT NO.:	25-000-056
SHEET SCALE:	3/32"=1'-0" U.N.C.

**ATLAS**  
ENGINEERING AND CONSULTING

405 HARRISON AVE. SUITE B  
PANAMA CITY, FLORIDA 32401  
EMAIL: INFO@ATLASENG.US  
PHONE: (850) 257-5516  
REGISTRY NO. 84399

EXISTING PUBLIC BEACH ACCESS  
**SUNSET PARK DUNE WALKOVER**  
MEXICO BEACH, FLORIDA

SHEET TITLE  
DUNE WALKOVER  
PLAN

SHEET NO.  
**S101**