

CONSTRUCTION PLANS FOR MEXICO BEACH BOAT RAMP REPAIRS & EXPANSION

PREPARED FOR:
CITY OF MEXICO BEACH, FLORIDA

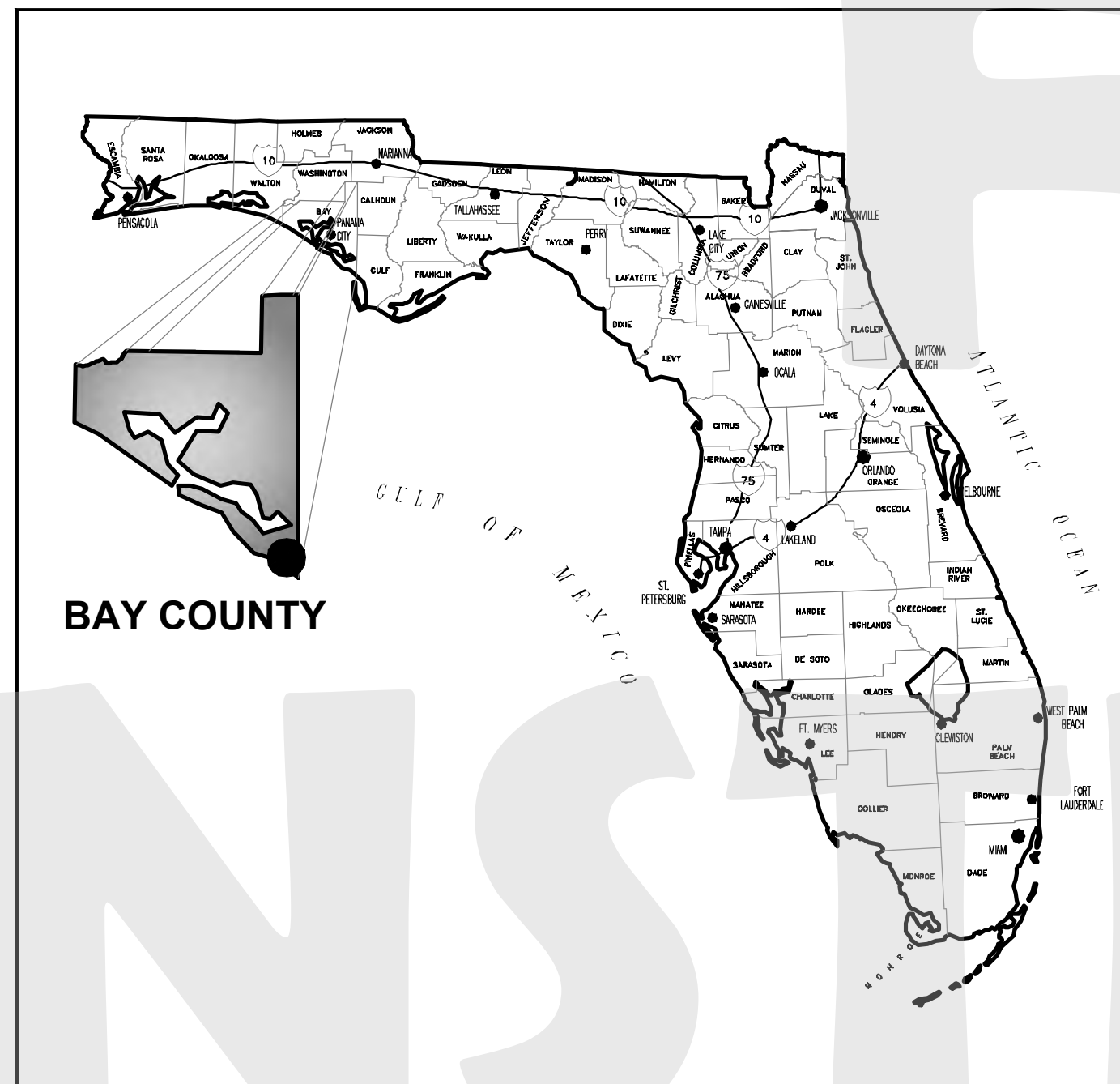


CERTIFICATE OF AUTHORIZATION No.: 31422
ELIZABETH S. MOORE, P.E. No.: 57607
 THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS INDICATED BY (*) IN ACCORDANCE WITH RULE 61G15-23.005, F.A.C.

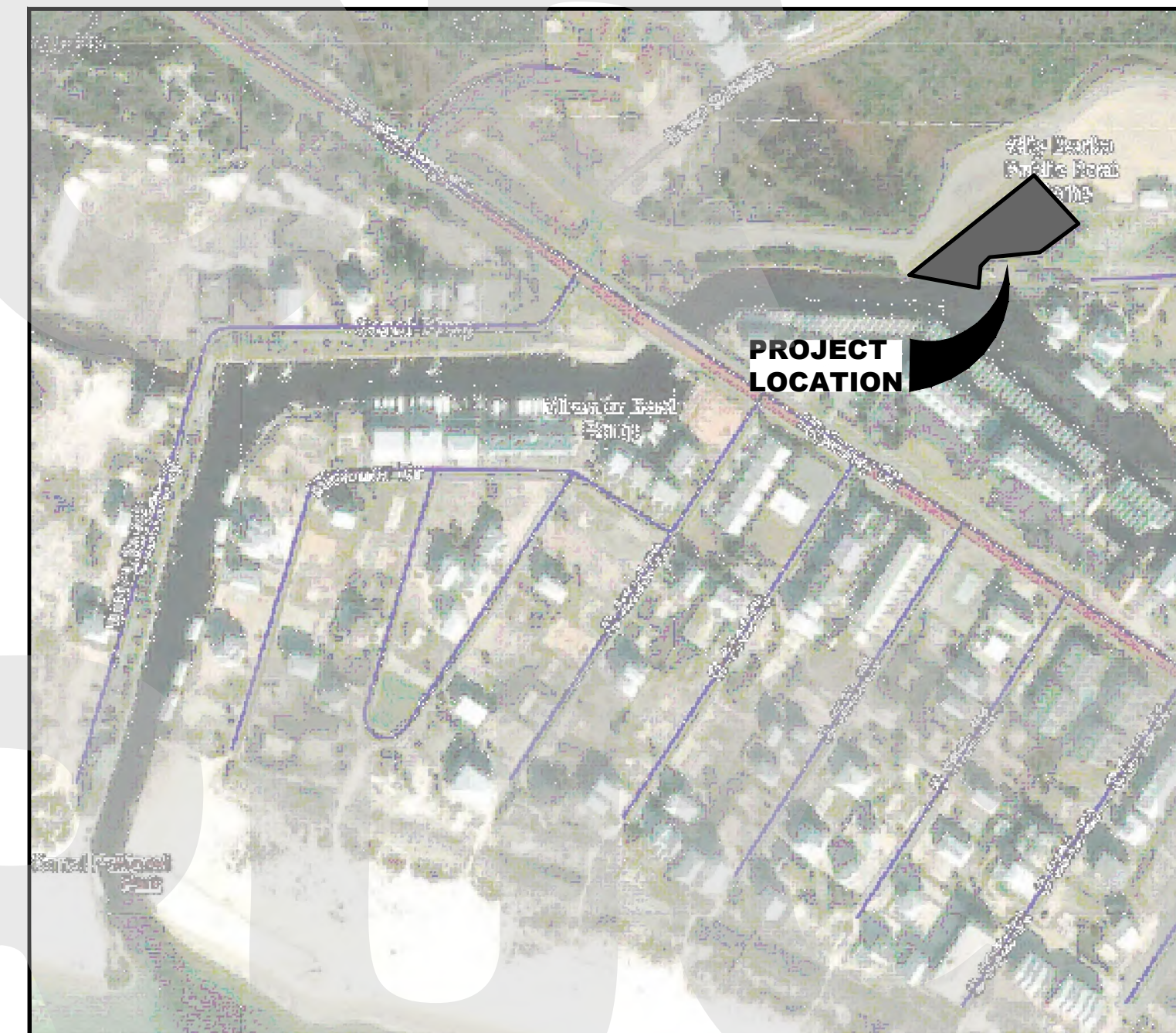
CITY COUNCIL

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

VICINITY MAP



LOCATION MAP



SHEET INDEX

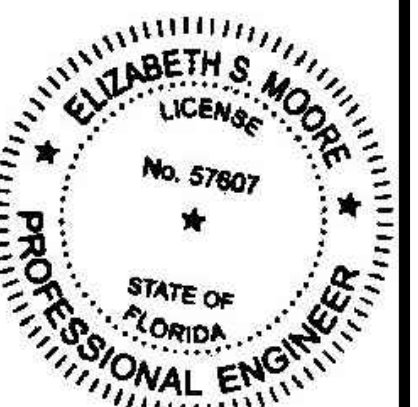
CIVIL PLANS (ANCHOR CEI)	
(*) C0.0	COVER SHEET (THIS SHEET)
1 of 1	TOPOGRAPHIC SURVEY
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(*) C0.2	PHASING SITE PLAN
(*) C0.3	STORMWATER POLLUTION PREVENTION PLAN
(*) C0.4	STORMWATER POLLUTION PREVENTION PLAN
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FOR PERMITTING PURPOSES ONLY

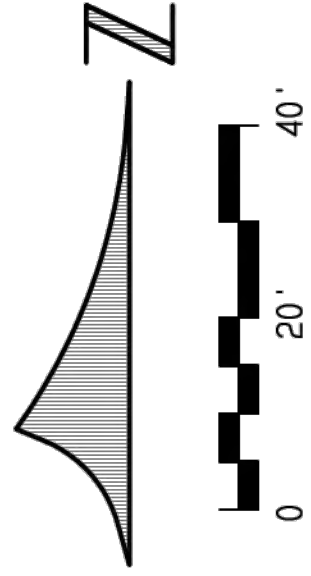
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DATE: February 11, 2026

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

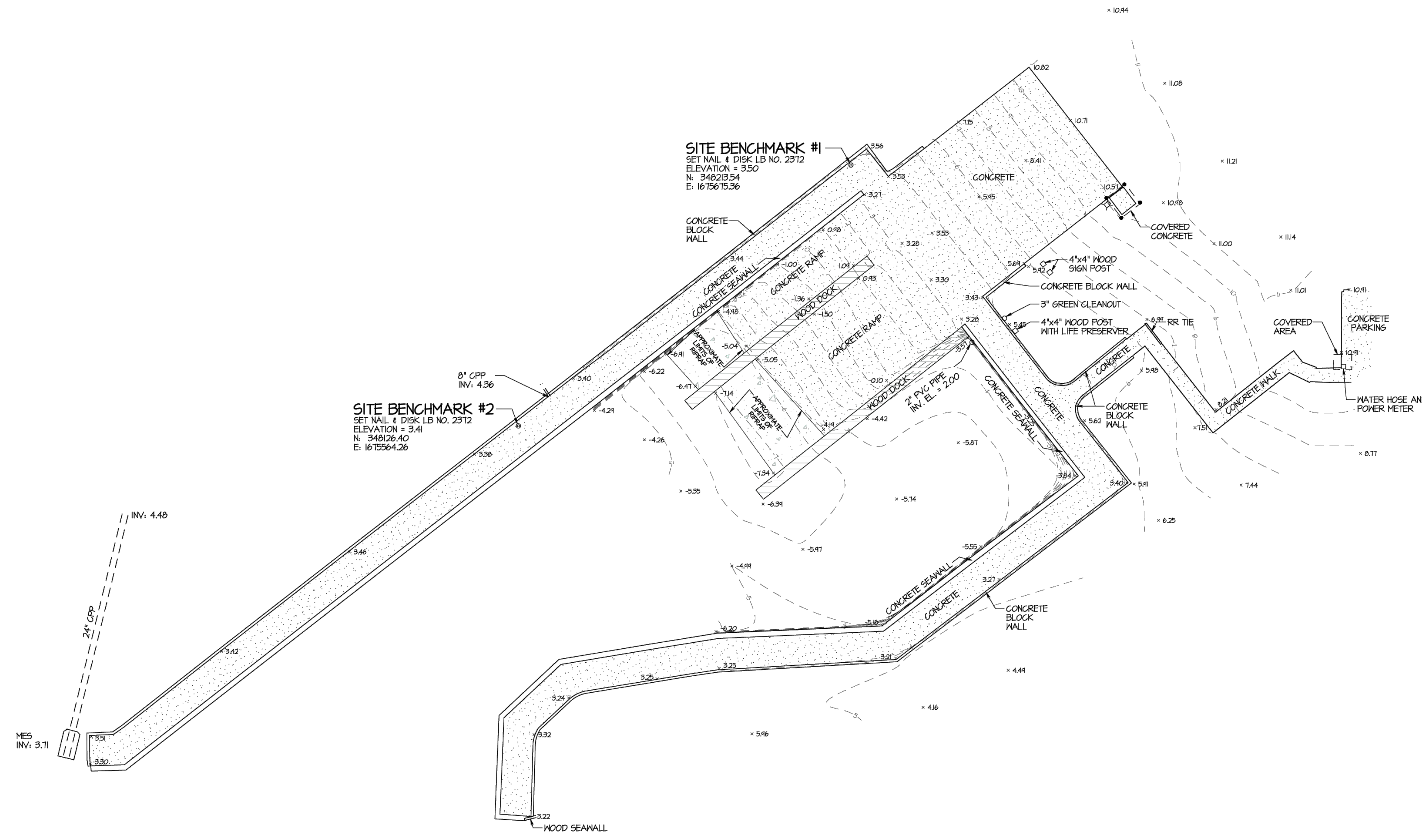


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TOPOGRAPHIC SURVEY OF MEXICO BEACH BOAT RAMP
 109 44TH STREET
 MEXICO BEACH, FLORIDA

FOR: ANCHOR CEI, INC.



SYMBOLS & ABBREVIATIONS

N	NORTH
S	SOUTH
E	EAST
W	WEST
°	DEGREES
'	MINUTES OR FEET
''	SECONDS OR INCHES
LB NO.	LAND SURVEYOR BUSINESS NUMBER
EL	ELEVATION
PVC	POLYVINYL CHLORIDE
MES	MITERED END SECTION
INV	INVERT

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

COORDINATES SHOWN HEREON ARE BASED ON RTK GPS OBSERVATIONS UTILIZING L-NET GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) NETWORK REFERENCED TO THE STATE PLANE COORDINATE SYSTEM, FLORIDA NORTH ZONE, NORTH AMERICAN DATUM 1983 (NAD 83), 2001 ADJUSTMENT.

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-17, 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.

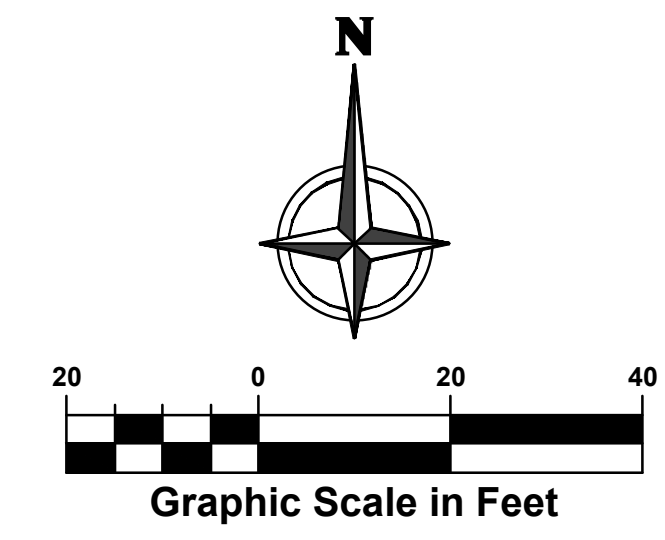
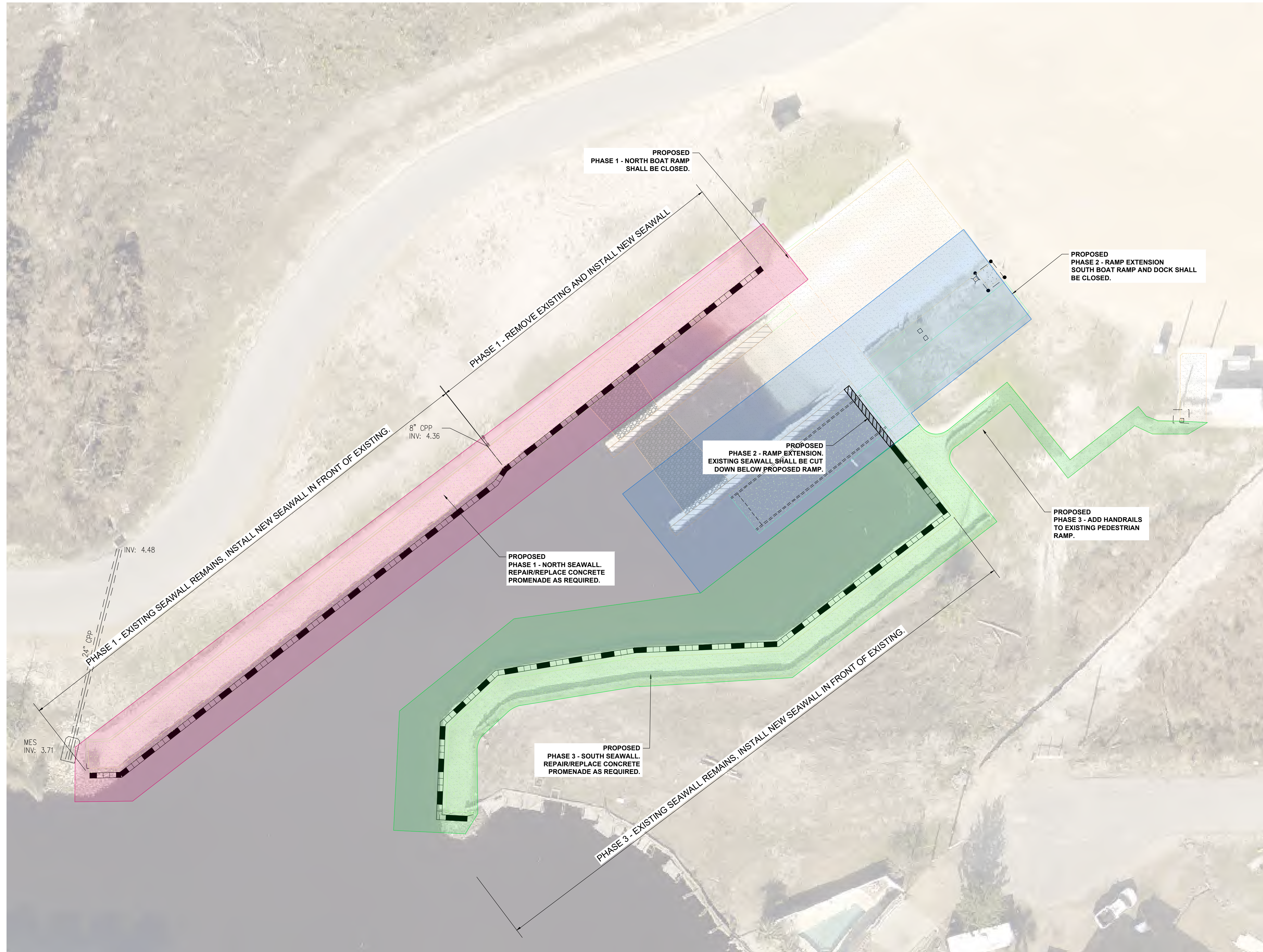
BUCHANAN & HARPER, INC.
 ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
 CERTIFICATE OF AUTHORIZATION NUMBER: 2372
 735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401 TELEPHONE (850) 763-7427

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4450, 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.

PLAT OF TOPOGRAPHIC SURVEY SCALE 1" = 20'
 SURVEYED 7-4-24 DRAWN 7-11-24 IMPROVEMENTS VISIBLE AS SHOWN
 REVISED 3-1-25 ADDED SEAWALL AND SIDEWALK LOCATIONS
 REVISED _____
 REVISED _____
 SOURCE OF INFORMATION PUBLIC RECORDS OF BAY COUNTY, FLORIDA
 BEARING REFERENCE _____
 ELEVATION REFERENCE N65 BENCHMARK 012 8945 C - ELEVATION = 21.06 NAVD 83
 F.R. 1211 PA. 6 JOB NO. 13602.01 FILE NO. E 4251 SHEET NO. 1 OF 1

W. TODD TINDELL
 No. 4858
 REGISTERED LAND SURVEYOR
 STATE OF FLORIDA

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY W. TODD TINDELL, P.S.M. NO. 4450 ON DATE OF DIGITAL SIGNATURE.



LEGEND:

- PHASE 1
- PHASE 2
- PHASE 3

This item has been electronically signed and sealed by Elizabeth S. Moore, PE. Project # 1328-007. The information contained herein is for informational purposes only and is not to be used for any other purpose. The information is not to be used for any other purpose. The information is not to be used for any other purpose. The information is not to be used for any other purpose.

PERMIT SET

NOT RELEASED	FOR BID OR CONSTRUCTION
No.	Date
Revision	Date

Designed: B. Silcox
 Drawn: B. Silcox
 Checked: E. Moore, P.E.
 Job No.: 1328-007
 Date: 2/11/2026

PHASING SITE PLAN
MEXICO BEACH BOAT RAMP
REPAIRS & EXPANSION
 MEXICO BEACH • BAY COUNTY • FLORIDA

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS. SEE GENERAL NOTES FOR MASTER LEGEND.

STORMWATER POLLUTION PREVENTION NOTES

THESE PLANS HAVE BEEN PREPARED TO ASSIST THE CONTRACTOR IN OBTAINING COVERAGE UNDER THE FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE PERMIT REQUIREMENTS AND MODIFY THESE PLANS AS NEEDED TO BE IN COMPLIANCE WITH THE PERMIT REQUIREMENTS.

SITE DESCRIPTION

A. SITE LOCATION
 THE SITE IS LOCATED AT 111 N 44TH ST IN MEXICO BEACH, FL 32456, BAY COUNTY, FLORIDA
 SECTION 15, TOWNSHIP 8 SOUTH, RANGE 12 WEST
 LATITUDE: 29°57'14.6"N LONGITUDE: 85°25'28.2"W

B. SITE CONDITIONS & ACTIVITIES NARRATIVE:
 THE EXISTING CONDITION OF THE SITE IS "DEVELOPED". THIS PROJECT WILL HAVE NO MAJOR EFFECT ON ANY THE ADJUTING PROPERTIES.

WETLANDS/BUFFERS

NO WETLANDS OR BUFFERS ARE ASSOCIATED WITH THIS PROJECT.

SWPPP INTENT

THE INTENT OF THIS SWPPP IS TO COMPLY WITH THE INTENT OF THE GENERIC PERMIT AND TO PREVENT THE RELEASE OF SOILS, TRASH, CHEMICALS, TOXINS AND OTHER POLLUTANTS, BY WATER, AIR, VEHICLE TRANSPORT OR OTHER MEANS THAT CAN IMPACT STORM WATER QUALITY. THE CONTRACTOR SHALL OBTAIN A COPY OF THE GENERIC PERMIT AND RETAIN ON-SITE FOR FUTURE REFERENCE. THE CONTRACTOR SHALL READ AND UNDERSTAND THE PERMIT, AND ENSURE THAT THE BMPs ARE INSTALLED AND THE EXECUTION OF THE WORK IS PERFORMED TO MEET THE INTENT OF THE GENERIC PERMIT AND THE SWPPP.

POTENTIAL SOURCES OF POLLUTION

THE POTENTIAL SOURCES OF POLLUTION THAT MAY REASONABLY BE EXPECTED TO AFFECT THE QUALITY OF STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY INCLUDE: SEDIMENT, PESTICIDES, FERTILIZER, PLASTER, CLEANING SOLVENTS, ASPHALT, CONCRETE, GLUE, ADHESIVES, PAINTS, CURING COMPOUNDS, WOOD PRESERVATIVES, HYDRAULIC OIL FLUIDS, GASOLINE, DIESEL FUEL AND KEROSENE.

SEQUENCE OF CONSTRUCTION

THE SEQUENCE OF CONSTRUCTION HAS BEEN DEVELOPED AS A GUIDE FOR THE CONTRACTOR. THE CONTRACTOR SHALL SEQUENCE THE CONSTRUCTION AS NEEDED BASED ON BEST MEANS AND METHODS IN ORDER TO BE IN COMPLIANCE WITH STATE AND LOCAL REQUIREMENTS. THE INSTALLATION OR REMOVAL OF BMPs, EARTH DISTURBANCE, GRADING, TEMPORARY STABILIZATION AND PERMANENT STABILIZATION SHALL BE IMMEDIATELY NOTED IN THE SWPPP IMPLEMENTATION LOG. ALL TEMPORARY BMPs SHALL BE REPAIRED AND MAINTAINED UNTIL STABILIZATION HAS OCCURRED AND THERE IS NO RISK OF DISCHARGE TEMPORARILY SEED, IMMEDIATELY AND THROUGHOUT CONSTRUCTION, DENUDED AREAS THAT WILL BE INACTIVE FOR 7 DAYS OR MORE. PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.

1. POST A COPY OF THE NOI OR LETTER FROM FDEP CONFIRMING COVERAGE UNDER THE GENERIC PERMIT, AND THE NAME AND PHONE NUMBER OF THE CONTRACTOR'S REPRESENTATIVE RESPONSIBLE FOR EROSION AND SEDIMENTATION CONTROL, INSTALLATION AND MAINTENANCE ON A 24 HOUR BASIS.
2. INSTALL PERIMETER CONTROLS IMMEDIATELY DOWNSTREAM OF THE PLANNED LOCATION OF THE CONSTRUCTION EXIT.
3. INSTALL STABILIZATION CONSTRUCTION EXIT.
4. INSTALL PERIMETER CONTROLS. THE CONTRACTOR SHALL INSTALL THE REMAINING BMPs AS SHOWN AND AS REQUIRED TO MEET PERMIT REQUIREMENTS. SOME BMP INSTALLATIONS MAY NOT BE POSSIBLE AT THE BEGINNING OF THE PROJECT BUT MUST BE INSTALLED AS SOON AS POSSIBLE TO ENSURE COMPLIANCE.
5. INSTALL TEMPORARY STAGING AND STORAGE AREAS.
6. CONSTRUCT AND STABILIZE THE SEDIMENT BASINS AND SEDIMENT TRAPS WITH APPROPRIATE OUTFALL STRUCTURES, IF REQUIRED.
7. CONSTRUCT AND STABILIZE HYDRAULIC CONTROLS (DITCHES, SWALES, DIKES, CHECK DAMS, ETC.), IF REQUIRED.
8. BEGIN DEMOLITION, CLEARING AND GRUBBING OPERATIONS AS APPLICABLE.
9. BEGIN CONSTRUCTION OF SITE IMPROVEMENTS.
10. PAVE SITE AND STABILIZE PER PLAN.
11. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER SITE HAS ACHIEVED FINAL STABILIZATION.
12. SUBMIT NOTICE OF TERMINATION (NOT) ONCE ALL CONSTRUCTION IS COMPLETE AND ALL AREAS ARE STABILIZED PER PLAN.

GENERAL NOTES

A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FILE "NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES" (DEF FORM 62-827 (30X)(8)) OR LATEST VERSION) TO FDEP TO THE FOLLOWING ADDRESS OR THROUGH THE FDEP ONLINE SYSTEM AT LEAST TWO (2) DAYS BEFORE COMMENCEMENT OF CONSTRUCTION:

NPDES STORMWATER NOTICES CENTER, MS #2519 FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, 2600 BLAIR STONE ROAD, TALLAHASSEE, FLORIDA 32399-2400

THE CONTRACTOR SHALL SUBMIT A NOTICE OF TERMINATION (NOT) WITHIN 14 CALENDAR DAYS AFTER THE SITE HAS ACHIEVED FINAL STABILIZATION (I.E. ALL DISTURBED SOILS AT THE SITE HAVE BEEN FINAL STABILIZED), TEMPORARY BMPs HAVE BEEN REMOVED, AND STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE SITE AUTHORIZED BY THE PERMIT HAVE BEEN ELIMINATED.

AN ENVIRONMENTAL RESOURCE PERMIT IS REQUIRED FOR THE PROJECT. CONTRACTOR SHALL PROVIDE THE PERMIT INFORMATION ON THE NOI APPLICATION.

MS4 OPERATOR NAME (IF ANY): XXXXXX

THE CONTRACTOR SHALL PROVIDE A COPY OF THE NOI AND SUBSEQUENT NOT OR THE ACKNOWLEDGEMENT LETTERS FOR THE NOI OR NOT TO THE MS4 WITHIN 7 DAYS OF RECEIPT. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE MS4 TO ENSURE THAT ALL SPECIFIC REQUIREMENTS ARE MET.

B. WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES. SWALES SHALL BE CONSTRUCTED AS SHOWN ON PLANS.

C. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY, WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS NEEDED IN ACCORDANCE WITH THE FOLLOWING:

- I. IN GENERAL, EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.
- II. NEW AND EXISTING STORMWATER INLETS AND OUTFALL STRUCTURES SHALL BE PROTECTED DURING CONSTRUCTION. PROTECTION MEASURES SHALL BE EMPLOYED IMMEDIATELY AS REQUIRED DURING THE VARIOUS STAGES OF CONSTRUCTION.
- III. PERIMETER EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL FINAL SITE STABILIZATION HAS BEEN ESTABLISHED.

D. CLEARING AND GRUBBING OPERATIONS SHALL BE CONTROLLED SO AS TO MINIMIZE UNPROTECTED ERODIBLE AREAS EXPOSED TO WEATHER. GENERAL EROSION CONTROL BMPs SHALL BE EMPLOYED TO MINIMIZE SOIL EROSION AND OFF-SITE SEDIMENTATION, WHILE THE VARIOUS TECHNIQUES REQUIRED WILL BE SITE AND PLAN SPECIFIC, THEY SHOULD BE EMPLOYED PRIOR TO ANY CONSTRUCTION ACTIVITY.

E. THE CONTRACTOR SHALL FURNISH, INSTALL PER THE SEQUENCE OF CONSTRUCTION, MAINTAIN AND SUBSEQUENTLY REMOVE, ALL NECESSARY TEMPORARY BMPs. THE CONTRACTOR WILL FURNISH AND INSTALL ALL NECESSARY PERMANENT BMPs.

F. THE CONTRACTOR SHALL ADJUST, ADD OR MODIFY BMPs AS NECESSARY TO COMPLY WITH THE INTENT OF THE GENERIC NPDES PERMIT AND THE SWPPP FOR NO ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER PRIOR TO ADJUSTING, ADDING OR MODIFYING BMPs THAT AFFECT THE HYDRAULICS OF THE SITE OR BEFORE ADDING BMPs NOT DETAILED IN THE SWPPP.

G. THE CONTRACTOR IS ADVISED THAT THE CONTRACT DRAWINGS ONLY INDICATE EROSION, SEDIMENT, AND TURBIDITY CONTROLS AT LOCATIONS DETERMINED IN THE DESIGN PROCESS. HOWEVER, THE CONTRACTOR IS REQUIRED TO PROVIDE ANY ADDITIONAL CONTROLS NECESSARY TO PREVENT THE POSSIBILITY OF SILTING ANY ADJACENT LOWLAND PARCEL OR RECEIVING WATER.

H. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL EROSION CONTROL MEASURES SHOWN ON THE PLANS. THE EROSION CONTROL SYSTEM DESCRIBED WITHIN THE CONSTRUCTION DOCUMENTS SHOULD BE CONSIDERED TO REPRESENT THE MINIMUM ACCEPTABLE STANDARDS FOR THIS PROJECT. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DEPENDENT UPON THE STAGE OF CONSTRUCTION, THE SEVERITY OF THE RAINFALL EVENT AND/OR AS DEEMED NECESSARY AS A RESULT OF ON-SITE INSPECTIONS BY THE OWNER, THEIR REPRESENTATIVES, OR THE APPLICABLE JURISDICTIONAL AUTHORITIES. THESE ADDITIONAL MEASURES (IF NEEDED) SHALL BE INSTALLED AT NO ADDITIONAL COST TO THE OWNER. IT SHOULD BE NOTED THAT THE MEASURES IDENTIFIED ON THIS PLAN ARE ONLY SUGGESTED BEST MANAGEMENT PRACTICES (BMPs). THE CONTRACTOR SHALL PROVIDE POLLUTION PREVENTION AND EROSION CONTROL MEASURES AS SPECIFIED IN FOOT INDEXES #100 THROUGH #102 AND AS NECESSARY FOR EACH SPECIFIC APPLICATION. IT IS THE CONTRACTOR'S ULTIMATE RESPONSIBILITY TO ASSURE THAT THE STORMWATER DISCHARGE FROM THE SITE DOES NOT EXCEED THE TOLERANCES ESTABLISHED BY ANY OF THE APPLICABLE JURISDICTIONAL AUTHORITIES.

- I. THE CONTRACTOR SHALL KEEP THE SWPPP CURRENT AT ALL TIMES. THE CONTRACTOR SHALL SIGN AND DATE ANY CHANGES TO THE SWPPP AND KEEP THEM AS ATTACHMENTS TO THE ORIGINAL PLAN. WHENEVER ANY OF THE FOLLOWING EVENTS OCCUR, THE CONTRACTOR SHALL UPDATE THE SWPPP WITHIN 7 DAYS:
 - i. THERE IS A CHANGE IN DESIGN, CONSTRUCTION OPERATION OR MAINTENANCE THAT HAS A SIGNIFICANT EFFECT ON THE DISCHARGE FROM THE PROJECT
 - ii. THERE IS A NEW DISCHARGE POINT OR OUTFALL
 - iii. THERE IS A CHANGE IN THE LOCATION OF A DISCHARGE POINT OF OUTFALL
 - iv. AN INSPECTION REVEALS THAT BMPs ARE INEFFECTIVE AT ELIMINATING OR MINIMIZING POLLUTANTS IN THE STORMWATER DISCHARGED FROM THE SITE.
 - v. THERE IS A NEW SUBCONTRACTOR IMPLEMENTING ANY PORTION OF THE SWPPP
 - vi. A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR GREATER THAN A REPORTABLE QUANTITY OCCURS DURING A 24-HOUR PERIOD

J. THE CONTRACTOR SHALL ENSURE THAT THE CONTRACTOR AND ALL SUBCONTRACTORS RESPONSIBLE FOR IMPLEMENTING SWPPP CONTROL MEASURES FILL OUT THE CONTRACTOR / SUBCONTRACTOR CERTIFICATION TABLE INCLUDED IN THIS SWPPP.

K. THE CONTRACTOR SHALL COMPLETE THE CONSTRUCTION SEQUENCE TABLE INCLUDING IN THIS SWPPP PRIOR TO PROCEEDING WITH THE INSTALLATION OF BMPs AND PRIOR TO GROUND DISTURBING ACTIVITIES. THE CONTRACTOR SHALL COMPLETE THE TABLE WITH ANTICIPATED DATES IN WHICH THE BMP WILL BE UTILIZED OR THE ACTIVITY WILL OCCUR.

TURBIDITY

- A. TURBIDITY REDUCTION TO NO MORE THAN 29 NTUs ABOVE BACKGROUND LEVEL PRIOR TO DISCHARGE OFF SITE.
- B. CONTRACTOR TO FILE FOR A FDEP NOTICE OF INTENT (NOI) WITHIN 14 DAYS OF CONSTRUCTION COMPLETION.

STABILIZATION

A. STABILIZATION MEASURES SHALL BE INITIATED IMMEDIATELY IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED AND WILL REMAIN UNDISTURBED FOR 7 DAYS OR MORE. STABILIZE BY COVERING WITH ADEQUATE AMOUNTS OF MULCH OVER SEED AND PERIODICALLY WATER TO PROMOTE AND MAINTAIN GROWTH OF THE TEMPORARY GRASSCOVER, OR BY THE USE OF AN APPROPRIATE ALTERNATIVE BMP.

B. PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES OR ANY DISTURBED LAND AREAS SHALL BE COMPLETED IMMEDIATELY AFTER FINAL GRADING. WHEN IT IS NOT POSSIBLE TO PERMANENTLY PROTECT A DISTURBED AREA IMMEDIATELY AFTER GRADING OPERATIONS, TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED. ALL TEMPORARY PROTECTION SHALL BE MAINTAINED UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

C. ALL GRASS SLOPES CONSTRUCTED STEEPER THAN 4H:1V SHALL BE SOODED IMMEDIATELY AFTER FINAL GRADE IS ESTABLISHED.

DUST CONTROL

- A. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST, IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.
- B. AS REQUIRED AFTER COMPLETION OF CONSTRUCTION, BARE EARTH AREAS SHALL BE VEGETATED.

AT ANY TIME BOTH DURING AND AFTER SITE CONSTRUCTION THAT WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR TRANSPORT OF FUGITIVE DUST, OTHER METHODS AS NECESSARY FOR SUCH CONTROL, SHALL BE EMPLOYED. THESE METHODS MAY INCLUDE ERECTION OF DUST CONTROL FENCES.

WASTE MANAGEMENT

A. THE CONTRACTOR SHALL ENSURE THAT ALL WASTE AND DEBRIS ARE MANAGED DAILY SUCH THAT THEY WILL NOT IMPACT STORMWATER OR LEAVE THE PERMITTED AREA, AND DISPOSED OF PROPERLY IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS.

B. THE CONTRACTOR SHALL ENSURE THAT ALL CHEMICALS, OILS, FUELS, HAZARDOUS WASTE, UNIVERSAL WASTE, AND TOXIC AND CORROSIVE MATERIALS ARE PROPERLY MANAGED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL ENSURE THAT WASTE IS NOT DISCHARGED FROM THE SITE, AND DOES NOT IMPACT STORMWATER OR GROUNDWATER.

C. THE CONTRACTOR SHALL PROVIDE APPROPRIATE AND ADEQUATE WASHOUT FACILITIES TO ENSURE THAT CHEMICALS AND WASTE IS NOT DISCHARGED FROM THE SITE, AND DO NOT IMPACT STORMWATER OR GROUNDWATER. (E.G. CONCRETE/MASONRY WASHOUT, PAINT WASHOUT, ETC.) THE CONTRACTOR SHALL CLEAN UP PROMPTLY AND ENSURE THAT WASHOUT AREAS ARE PROPERLY MAINTAINED TO PROVIDE ADEQUATE VOLUME TO PREVENT OVERFLOW.

D. THE CONTRACTOR SHALL PROVIDE ADEQUATE SANITARY FACILITIES FOR SITE PERSONNEL, MAINTAIN THROUGHOUT CONSTRUCTION, AND PROVIDE FOR PROPER DISPOSAL IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS. SANITARY FACILITIES SHALL BE PROPERLY SECURED TO PREVENT TIPPING.

E. A SPILL CONTROL AND CONTAINMENT KIT (CONTAINING FOR EXAMPLE, ABSORBENT MATERIAL SUCH AS KITTY LITTER OR SAWDUST, ACID, BASE, NEUTRALIZING AGENT, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, PLASTIC AND METAL TRASH CONTAINERS, ETC.) SHALL BE PROVIDED AT THE CONSTRUCTION SITE AND ITS LOCATION(S) SHALL BE IDENTIFIED WITH LEGIBLE SIGNAGE AND SHOWN ON THE SITE MAPS.

A. THE SPILL CONTROL AND CONTAINMENT KIT SHALL BE OF SUFFICIENT QUANTITIES AND APPROPRIATE CONTENT TO CONTAIN A SPILL FROM THE LARGEST ANTICIPATED PIECE OF EQUIPMENT AND FROM THE LARGEST ANTICIPATED QUANTITIES OF PRODUCTS STORED ON THE SITE AT ANY GIVEN TIME.

F. WHEN A SPILL OF REPORTABLE QUANTITIES IS DISCOVERED ON THE SITE, THE CONTRACTOR SHALL CLEAN UP ALL SPILLED MATERIALS AND DISPOSE OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AUTHORITIES IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS. THE OWNER AND PROJECT ENGINEER. THE CONTRACTOR SHALL RETAIN CLEANUP INFORMATION AS WELL AS DISPOSAL MANIFESTS WITH THEIR SWPPP.

MATERIALS MANAGEMENT, AND EQUIPMENT STAGING AND MAINTENANCE

A. EXCAVATED MATERIAL SHALL NOT BE DEPOSITED IN LOCATIONS WHERE IT COULD BE WASHED AWAY BY HIGH WATER OR STORM WATER RUNOFF. STOCKPILED MATERIAL SHALL BE COVERED OR ENGINEERED WITH SEDIMENT CONTAINMENT DEVICES.

B. HEAVY CONSTRUCTION EQUIPMENT PARKING AND MAINTENANCE AREAS SHALL BE DESIGNED TO PREVENT OIL, GREASE, AND LIQUIDS FROM ENTERING SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS. CONTRACTORS SHALL PROVIDE BROAD DIKES OR SILT SCREENS AROUND, AND SEDIMENT SUMPS WITHIN, SUCH AREAS AS REQUIRED TO CONTAIN SPILLS OR OIL, GREASE, LUBRICANTS, OR OTHER CONTAMINANTS. CONTRACTOR SHALL HAVE AVAILABLE, AND SHALL USE, ABSORBENT FILTER PADS TO CLEAN UP SPILLS IMMEDIATELY AFTER ANY OCCURRENCE.

C. THE CONTRACTOR SHALL ENSURE THAT ALL TOXIC /HAZARDOUS SUBSTANCES AND CHEMICALS ARE PROPERLY STORED, OUT OF THE WEATHER, AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL ENSURE THAT THESE PRODUCTS ARE STORED AND USED IN SUCH A MANNER THAT WILL NOT NEGATIVELY IMPACT STORMWATER, GROUNDWATER OR PROTECTED SPECIES.

D. THE CONTRACTOR SHALL ENSURE THAT ALL MATERIALS, EQUIPMENT, DEBRIS, WASTE, TRAILERS, AND OTHER SUPPORT RELATED ITEMS ARE CONTAINED WITHIN THE PERMITTED LIMITS OF DISTURBANCE. THE CONTRACTOR SHALL ENSURE THAT THE STORAGE AND USE OF SUCH ITEMS DOES NOT NEGATIVELY IMPACT STORMWATER OR GROUNDWATER.

OFFSITE VEHICLE TRACKING

A. THE CONTRACTOR SHALL ENSURE THAT THE CONSTRUCTION EXIT IS USED BY ALL VEHICLES AND EQUIPMENT ENTERING OR LEAVING THE JOBSITE. THE CONTRACTOR SHALL MONITOR AND MAINTAIN THE CONSTRUCTION EXIT TO ENSURE THAT NO SOILS ARE TRACKED OFFSITE BY TIRES OR TRACKS, AND THAT NO SOILS ARE SPILLED BY TRUCKS OR EQUIPMENT LEAVING THE SITE. ALL TRACKED OR SPILLED SOILS SHALL BE SHOVELLED OR SWEEPED FROM THE ROADWAY AND RETURNED TO THE SITE. WATER SHALL NOT BE USED TO CLEAN THE SOILS FROM THE ROADWAY UNLESS THE WATER AND SOILS ARE RECOVERED BY THE USE OF A VACUUM TRUCK OR SIMILAR DEVICE.

FERTILIZERS, HERBICIDES AND PESTICIDES

A. THE CONTRACTOR SHALL ENSURE THAT ALL FERTILIZERS, HERBICIDES, PESTICIDES AND SIMILAR PRODUCTS ARE PROPERLY STORED, OUT OF THE WEATHER, AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL ENSURE THAT THESE PRODUCTS ARE USED IN SUCH A MANNER THAT WILL NOT NEGATIVELY IMPACT STORMWATER, GROUNDWATER OR PROTECTED SPECIES.

B. NUTRIENTS SHALL BE APPLIED ONLY AT RATES NECESSARY TO ESTABLISH AND MAINTAIN VEGETATION.

INSPECTIONS AND MAINTENANCE

A. THE CONTRACTOR SHALL INSPECT BMPs (I.E. DISCHARGE LOCATIONS, CONSTRUCTION EXIT, PERIMETER CONTROLS, INLET PROTECTION, STABILIZATION, EROSION CONTROL, DOCUMENTATION, WASTE DISPOSAL AREAS, MATERIAL STORAGE AREAS, ETC.) TO ENSURE THAT BMPs ARE NOT CAUSING OR CONTRIBUTING TO VIOLATIONS OF WATER QUALITY STANDARDS OR RESULTING IN OFFSITE SEDIMENTATION; ENSURE THAT BMPs ARE INSTALLED, MAINTAINED AND OPERATING CORRECTLY AND EFFECTIVELY; ENSURE THAT BMPs ASSOCIATED WITH STORAGE AND WASTE DISPOSAL AREAS ARE BEING USED AND MAINTAINED PROPERLY; ENSURE THAT THE CONSTRUCTION EXIT IS FUNCTIONING PROPERLY TO PREVENT OFFSITE TRACKING OF SEDIMENT; ENSURE THAT EROSION PREVENTION MEASURES ARE MAINTAINED TO PREVENT VISIBLE EROSION OF DISTURBED AREAS AND SEDIMENTATION AT THE DISCHARGE POINTS; AND DETERMINE IF CONSTRUCTION ACTIVITIES HAVE ALTERED THE EFFECTIVENESS OF BMPs. INSPECTIONS MUST BE COMPLETED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS, AND WITHIN 24 HOURS AFTER A RAINFALL OF 0.50 INCHES OR GREATER EVEN IF IT RAINS ON THE WEEKEND OR A HOLIDAY.

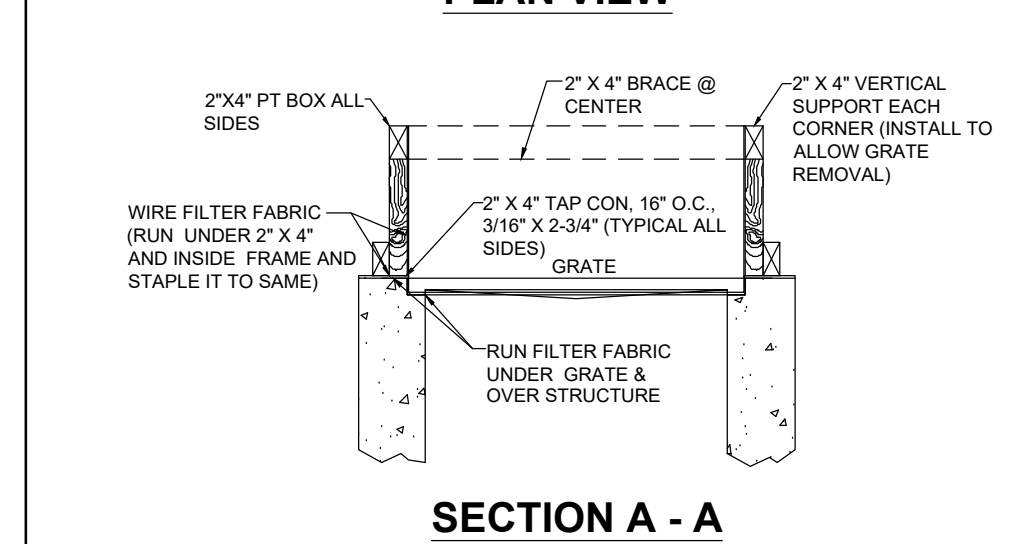
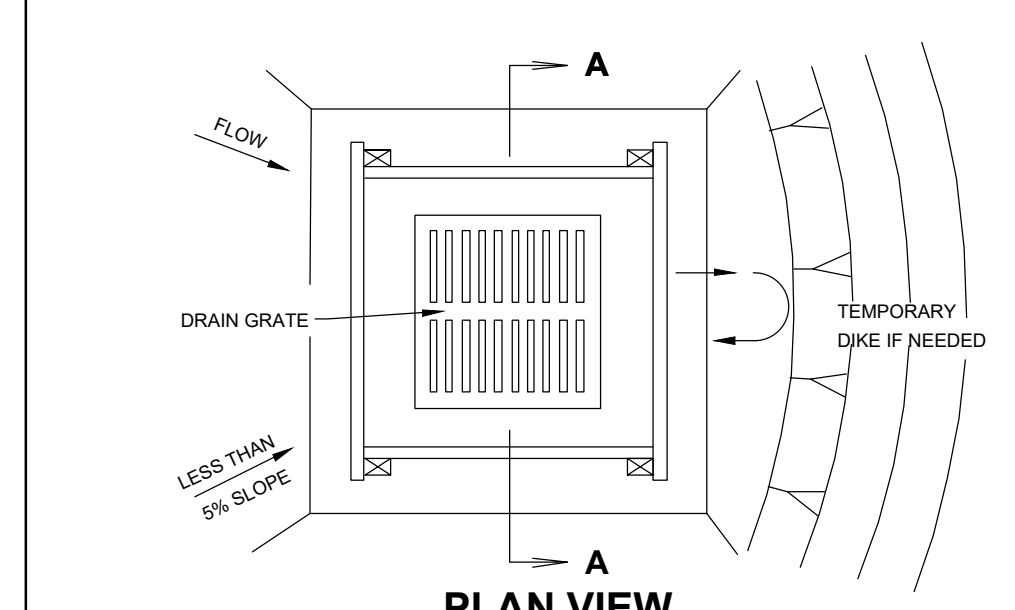
B. THE CONTRACTOR SHALL REPORT ALL INSPECTION FINDINGS AND CORRECTIVE ACTIONS TAKEN AS A RESULT OF THE INSPECTION USING THE STORMWATER POLLUTION PREVENTION PLAN INSPECTION REPORT FORM PROVIDED BY FDEP OR AN EQUIVALENT FORM. INSPECTION REPORTS SHALL BE SIGNED BY THE INSPECTOR AND A RESPONSIBLE AUTHORITY AS DEFINED BY THE PERMIT. INSPECTION REPORTS SHALL BE MAINTAINED WITH THE SWPPP. THE INSPECTOR MUST BE A QUALIFIED EROSION AND SEDIMENT CONTROL INSPECTOR AS DEFINED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.

C. ANY MAINTENANCE, REPAIR AND NECESSARY REVISIONS TO BMP ITEMS SHALL BE ADDRESSED IN A TIMELY MANNER, BUT IN NO CASE LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION OR IDENTIFICATION OF THE ISSUE. UNLESS OTHERWISE SPECIFIED, ACCUMULATED SEDIMENTS SHOULD BE REMOVED BEFORE THEY REACH ONE-HALF OF THE CAPACITY OF THE CONTROL DEVICE.

ALLOWABLE NON-STORMWATER DISCHARGES

THE GENERIC PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES PROHIBIT MOST NON-STORMWATER DISCHARGES DURING THE CONSTRUCTION PHASE. CERTAIN DISCHARGES ARE ALLOWED BY THE PERMIT, PROVIDED APPROPRIATE BMPs ARE UTILIZED AND THE DISCHARGE DOES NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS. ALLOWABLE NON-STORMWATER DISCHARGES THAT OCCUR DURING CONSTRUCTION ON THIS PROJECT PER PART 3.2 OF THE GENERIC PERMIT ARE:

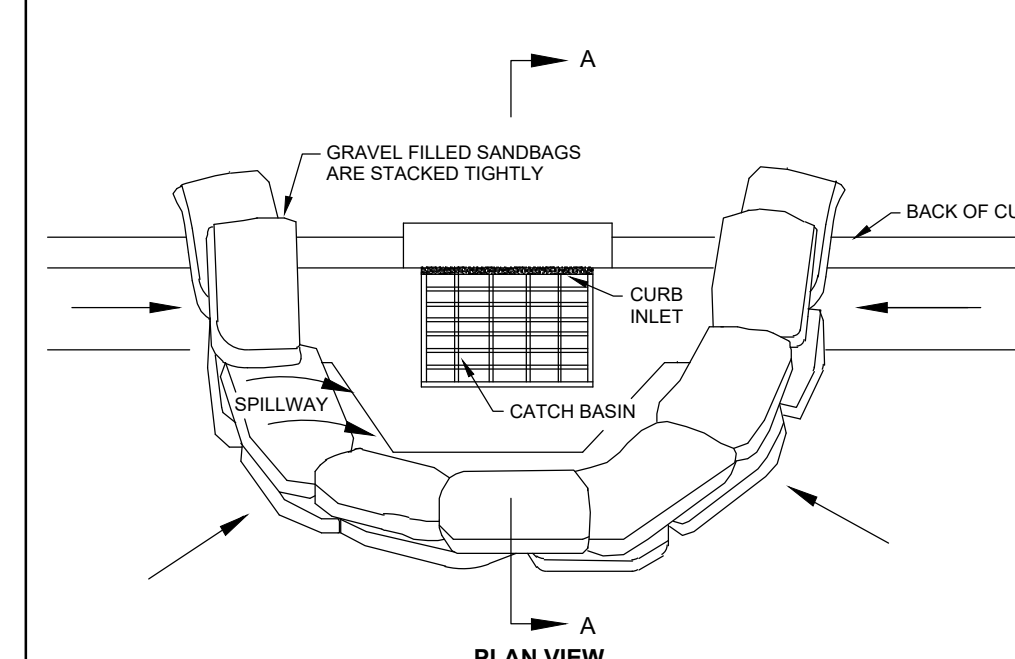
- DISCHARGES FROM FIRE FIGHTING ACTIVITIES.
- FIRE HYDRANT FLUSHINGS.
- WATERS WITHOUT DETERGENTS USED TO SPRAY OFF LOOSE SOLIDS FROM VEHICLES.
- WATERS USED TO CONTROL DUST.
- POTABLE WATER SOURCES SUCH AS WATERLINE FLUSHINGS.
- LANDSCAPE IRRIGATION AND DRAINAGE.
- ROUTINE EXTERNAL BUILDING WASHDOWN PROVIDED NO DETERGENTS ARE USED.
- PAVEMENT WASHWATERS THAT DO NOT CONTAIN DETERGENTS, LEAKS, SPILLS OF TOXIC OR HAZARDOUS MATERIALS.
- AIR CONDITIONING CONDENSATE.
- SPRING WATER.
- FOUNDATION OR FOOTING DRAIN FLOWS THAT ARE NOT CONTAMINATED WITH PROCESS MATERIAL SUCH AS SOLVENTS.
- NONCONTAMINATED GROUND WATER ASSOCIATED WITH DEWATERING ACTIVITIES AS DESCRIBED IN PART 3.4 OF THE GENERIC PERMIT.



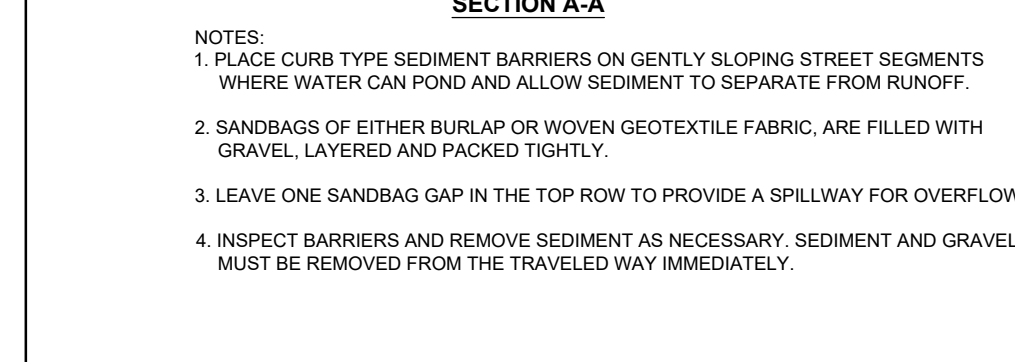
- NOTES:
1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS, (LESS THAN 5%).
 2. THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWN SLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NEEDED ON THE DOWNSLOPE SIDE OF THE STRUCTURE.
 3. FASTEN FRAMING TO STRUCTURE TO ALLOW GRATE REMOVAL.
 4. LEAVE EXPOSED EDGE TO ALLOW FOR PAVING TO GRADE.

FILTER FABRIC INLET PROTECTION DETAIL

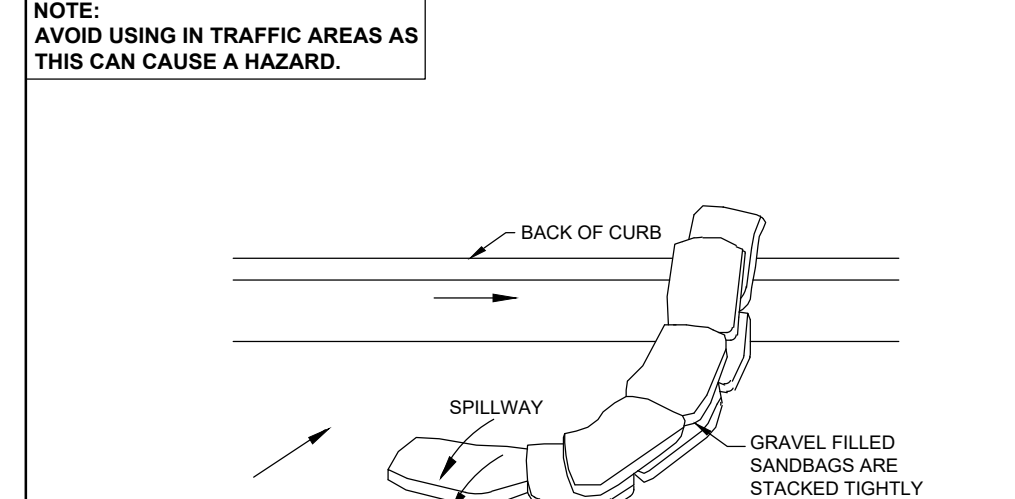
NOTE: AVOID USING IN TRAFFIC AREAS AS THIS CAN CAUSE A HAZARD.



- NOTES:
1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
 2. SANDBAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
 3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
 4. INSPECT BARRIERS AND REMOVE SEDIMENT AS NECESSARY. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.



NOTE: AVOID USING IN TRAFFIC AREAS AS THIS CAN CAUSE A HAZARD.



- NOTES:
1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
 2. SANDBAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
 3. TAPER TO ONE SANDBAG TO PROVIDE A SPILLWAY FOR OVERFLOW.
 4. INSPECT BARRIERS AND REMOVE SEDIMENT AS NECESSARY. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

CONTRACTOR / SUBCONTRACTOR CERTIFICATION TABLE

THIS SWPPP MUST CLEARLY IDENTIFY, FOR EACH MEASURE IDENTIFIED WITHIN THE SWPPP, THE CONTRACTOR(S) OR SUBCONTRACTOR(S) WHO WILL IMPLEMENT EACH MEASURE. ALL CONTRACTOR(S) AND SUBCONTRACTOR(S) IDENTIFIED IN THE SWPPP MUST SIGN THE FOLLOWING CERTIFICATION:

* CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN.*

Name / Signature	Title	Company Name, Address and Phone Number	Date

NOTE: CONTRACTOR TO ADD SHEETS TO CERTIFICATION TABLE AS NECESSARY.

SWPPP IMPLEMENTATION LOG

A RECORD OF DATES WHEN BMPs ARE INSTALLED OR REMOVED, STABILIZATION MEASURES ARE INITIATED, MAJOR GRADING ACTIVITIES OCCUR, AND CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON PORTIONS OF THE SITE. THIS FORM MUST BE UPDATED CONTINUOUSLY THROUGHOUT THE PROJECT UNTIL THE NOTICE OF TERMINATION (NOT) IS FILED.

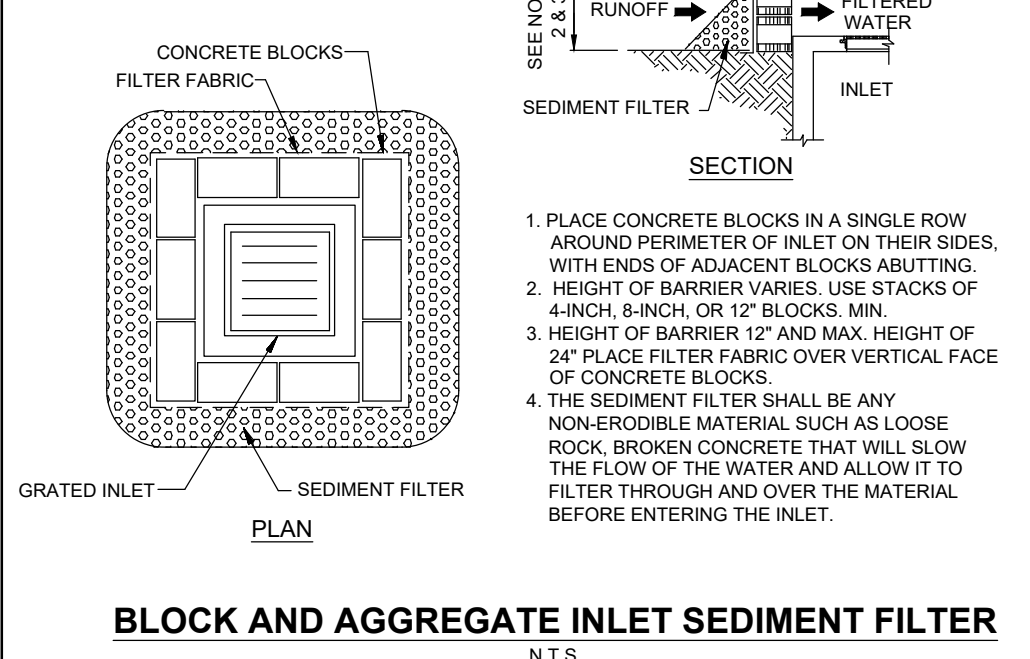
DESCRIPTION OF ACTIVITY	LOCATION	CONTRACTOR	BEGIN DATE	END DATE

NOTE: CONTRACTOR TO ADD SHEETS TO THE SWPPP IMPLEMENTATION LOG AS NECESSARY.

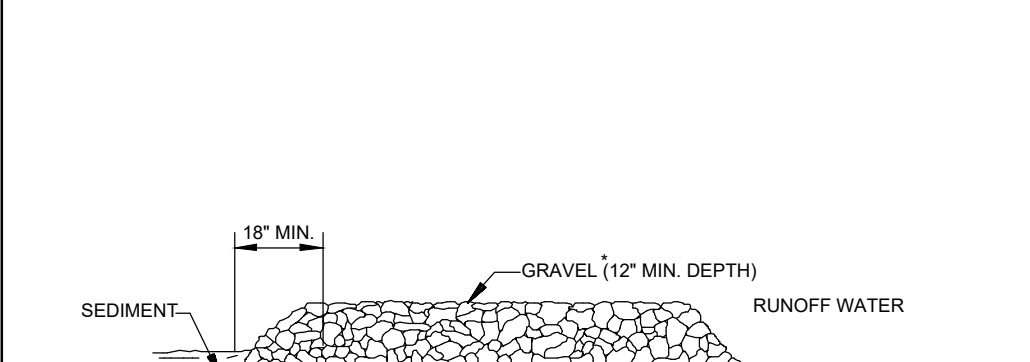
NOTE: AVOID USING IN TRAFFIC AREAS AS THIS CAN CAUSE A HAZARD.

BLOCK AND AGGREGATE INLET SEDIMENT FILTER

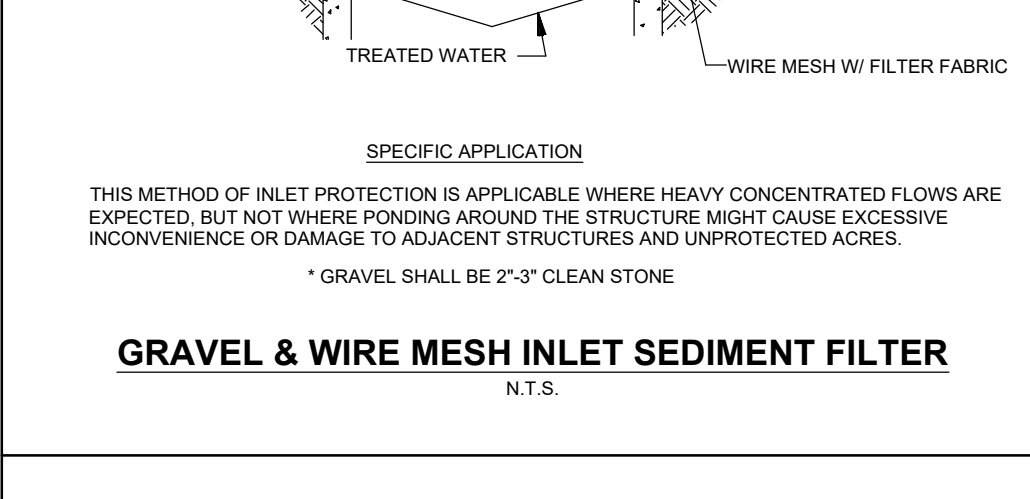
NOTE: AVOID USING IN TRAFFIC AREAS AS THIS CAN CAUSE A HAZARD.



- SEE NOTES
1. PLACE CONCRETE BLOCKS IN A SINGLE ROW AROUND PERIMETER OF INLET ON THEIR SIDES, WITH ENDS OF ADJACENT BLOCKS ABUTTING.
 2. HEIGHT OF BARRIER VARIES. USE STACKS OF 4-INCH 8-INCH OR 12" BLOCKS MIN.
 3. HEIGHT OF BARRIER 12" AND MAX. HEIGHT OF 24" PLACE FILTER FABRIC OVER VERTICAL FACE OF CONCRETE BLOCKS.
 4. THE SEDIMENT FILTER SHALL BE ANY NON-ERODIBLE MATERIAL SUCH AS LOOSE ROCK, BROKEN CONCRETE THAT WILL SLOW THE FLOW OF THE WATER AND ALLOW IT TO FILTER THROUGH AND OVER THE MATERIAL BEFORE ENTERING THE INLET.



NOTE: AVOID USING IN TRAFFIC AREAS AS THIS CAN CAUSE A HAZARD.

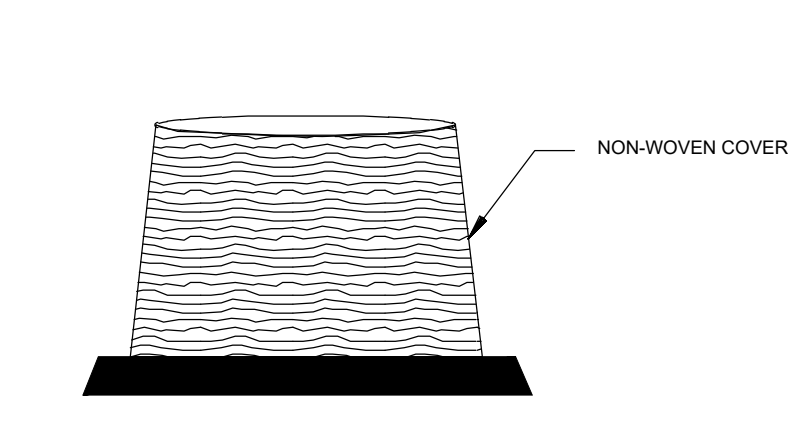
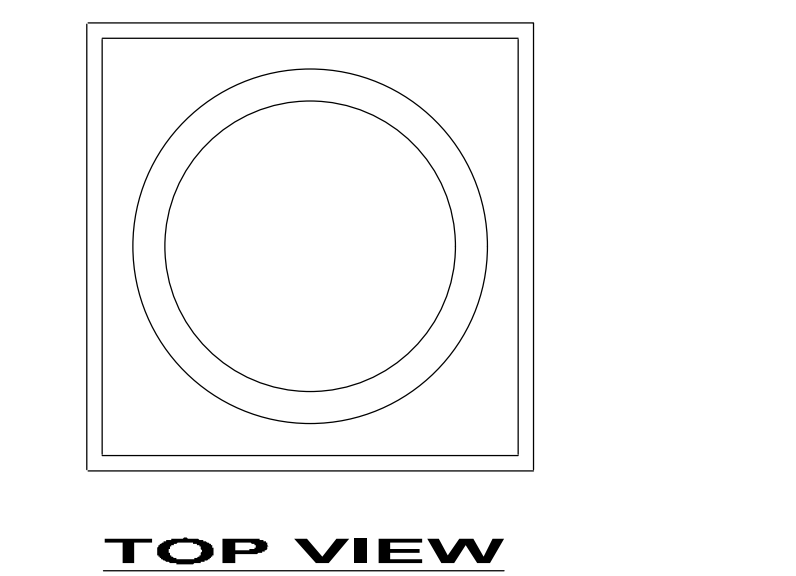


NOTES:

- * GRAVEL SHALL BE 2"-3" CLEAN STONE

GRAVEL & WIRE MESH INLET SEDIMENT FILTER

N.T.S.



- NOTES:
1. EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
 2. PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.
 3. SLIDE THE COVER OVER THE FRAME.
 4. FILL THE COVER POCKETS WITH SOIL #57 GRAVEL OR EQUIVALENT. THE COVER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.
 5. BACK FILL AROUND THE FRAME AND COVER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACKFILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.

TYPICAL CONSTRUCTION SEQUENCE FOR DOME FRAME & COVER

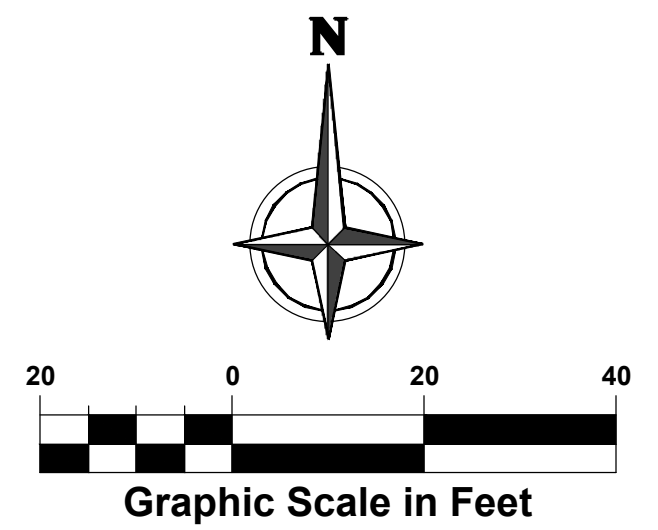
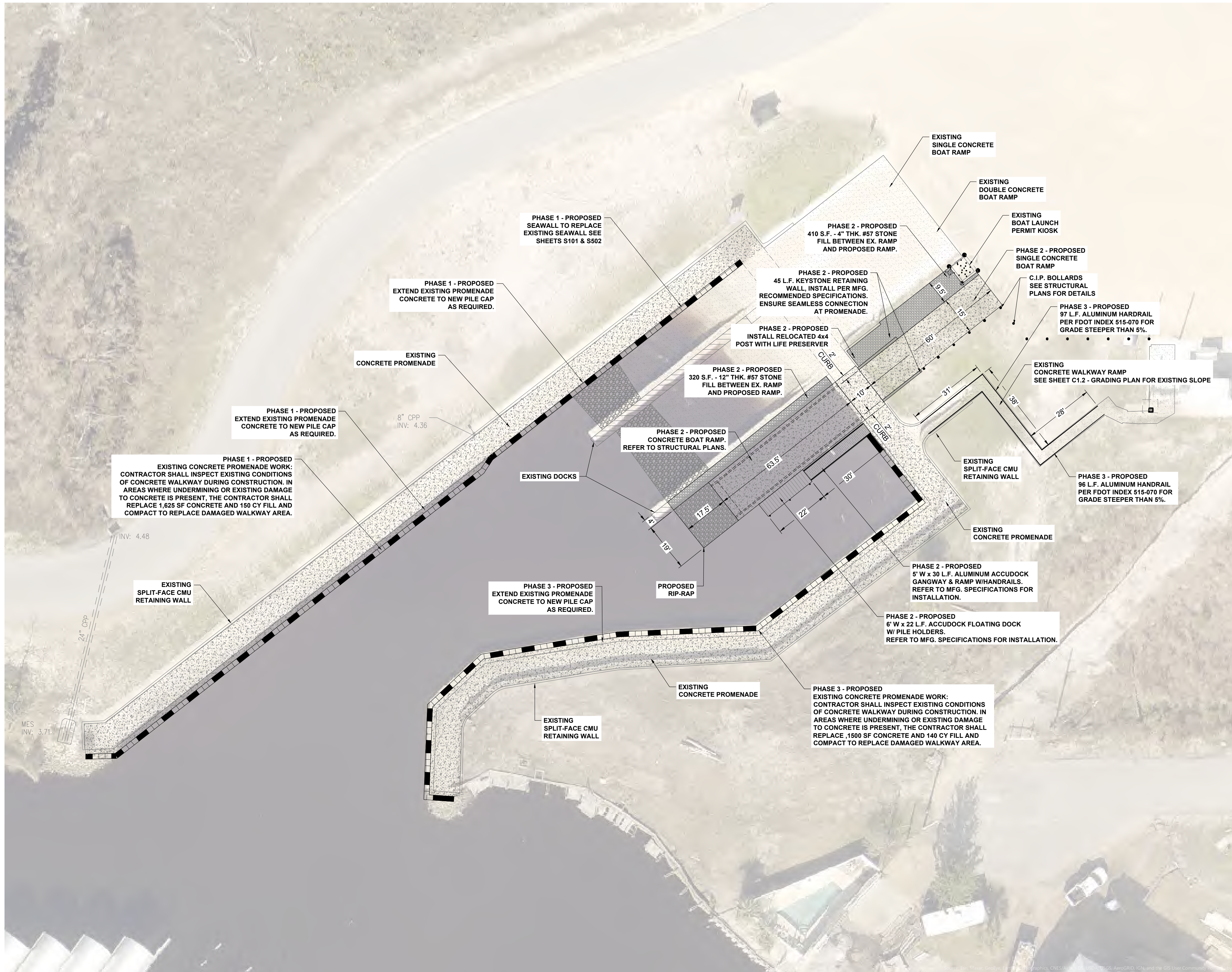
DOMED INLET PROTECTION (PREFABRICATED)

N.T.S.

Stormwater Team		
Description	Name	Company
Contractor:		
Contractor's Responsible Authority:		
Qualified Inspector(s):		
Maintenance Personnel:		

CONSTRUCTION SEQUENCING TABLE

ANTICIPATED CONSTRUCTION SEQUENCE*	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
CONSTRUCTION ENTRANCE												
TEMPORARY CONTROL MEASURES												
STORM FACILITIES												
ROUGH GRADE / SEDIMENT CONTROL												
FOUNDATION / BUILDING CONSTRUCTION												



LEGEND:

- CONCRETE
- RIP-RAP
- PROPOSED SEAWALL

NOTE:

MHW ELEV. = 0.55'
 MLW ELEV. = (-0.65')
 THE DEPTH AT MLW IS 4.35' AND MAX. DRAFT OF BOATS UTILIZING THE RAMP WILL BE 40', PROVIDING A MINIMUM 12.2" CLEARANCE AT MLW.



This sheet has been electronically signed and sealed by Elizabeth S. Moore, PE using a digital signature that is not considered signed and sealed and the signature must be sealed and the signature must be sealed. email: emoore@anchorcei.com Elizabeth S. Moore, PE FL License No.: 57607

PERMIT SET

NOT RELEASED FOR BID OR CONSTRUCTION	Revision
No.	Date
1	

Designed: B. Silcox
Drawn: B. Silcox
Checked: E. Moore, P.E.
Job No.: 1328-007
Date: 2/11/2026

SITE IMPROVEMENTS PLAN
MEXICO BEACH BOAT RAMP
REPAIRS & EXPANSION
 MEXICO BEACH • BAY COUNTY • FLORIDA

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS. SEE GENERAL NOTES FOR MASTER LEGEND.

STRUCTURAL GENERAL NOTES

ABBREVIATIONS table listing various construction terms and their abbreviations, such as AB ANCHOR BOLT, ADDL ADDITIONAL, etc.

- 1. GENERAL NOTES: 1.1. 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.

- 4.10. CONCRETE SLABS ON GRADE SHALL BE REINFORCED WITH #6 @ W1'xW1' 4 STEEL MESH OR SYNTHETIC FIBERS AT A MINIMUM RATE OF 3.0 LBS/CY OR AS RECOMMENDED BY THE FIBER MANUFACTURER FOR CONTROL OF TEMPERATURE AND SHRINKAGE/CRACKING, WHICHEVER IS GREATER, UNLESS NOTED OTHERWISE.

- STRESSES AND PROPERTIES: ALLOWABLE BENDING STRESS COMPRESSION PERPENDICULAR TO GRAIN Fc' = 2600 PSI, Fc'L = 750 PSI, Fc' || = 2510 PSI, Fv = 265 PSI, E = 2,900,000 PSI.

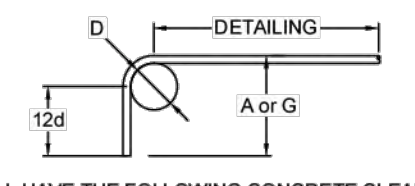
MINIMUM LAP SPICE LENGTH (IN.) - 3000 PSI CONCRETE table with columns for No. 3, No. 4, No. 5, No. 6, No. 7, No. 8 and rows for FOOTINGS (HORIZ.), VERT. DOWELS, and MINIMUM LAP SPICE LENGTH (IN.) - 4000 PSI CONCRETE.

MINIMUM LAP SPICE LENGTH (IN.) - 4000 PSI CONCRETE table with columns for No. 3, No. 4, No. 5, No. 6, No. 7, No. 8 and rows for BEAMS/SLABS, TOP BARS, OTHER, COLUMNS, C.I.P. WALLS, VERT. (1 MAT), VERT. (2 MATS), and HORIZONTAL.

MINIMUM LAP SPICE LENGTH (IN.) - 1500 PSI NORMAL WEIGHT CMU table with columns for No. 3, No. 4, No. 5, No. 6, No. 7, No. 8 and rows for 6-in CMU WALL, 8-in CMU WALL, and 12-in CMU WALL.

RECOMMENDED END HOOKS ANCHORAGE LENGTH (IN.) - 3000 PSI CONCRETE table with columns for No. 3, No. 4, No. 5, No. 6, No. 7, No. 8 and rows for D and A or G.

RECOMMENDED END HOOKS ANCHORAGE LENGTH (IN.) - 4000 PSI CONCRETE table with columns for No. 3, No. 4, No. 5, No. 6, No. 7, No. 8 and rows for D and A or G.



- 5.2. REINFORCING STEEL SHALL HAVE THE FOLLOWING CONCRETE CLEAR COVER UNO (PER ACI 318-05 PAR.7.7.1) 5.2.1. CONCRETE CAST AGAINST EARTH: 3" 5.2.2. FORMED CONCRETE EXPOSED TO EARTH OR WEATHER: 2" (#6 BARS & LARGER), 1-1/2" (#6 BARS & SMALLER) 5.2.3. CONCRETE NOT EXPOSED TO EARTH OR WEATHER: 3/4" (SLABS), 1" (WALLS), 1-1/2" (STIRRUPS & TIES)

NOT FOR CONSTRUCTION

RELEASE RECORD table with columns for REVIEW ONLY / N.F.C. and dates.

DESIGNER: RSL, REVIEWED BY: CLH, PROJECT NO.: 25-000-010, SHEET SCALE: N.T.S.

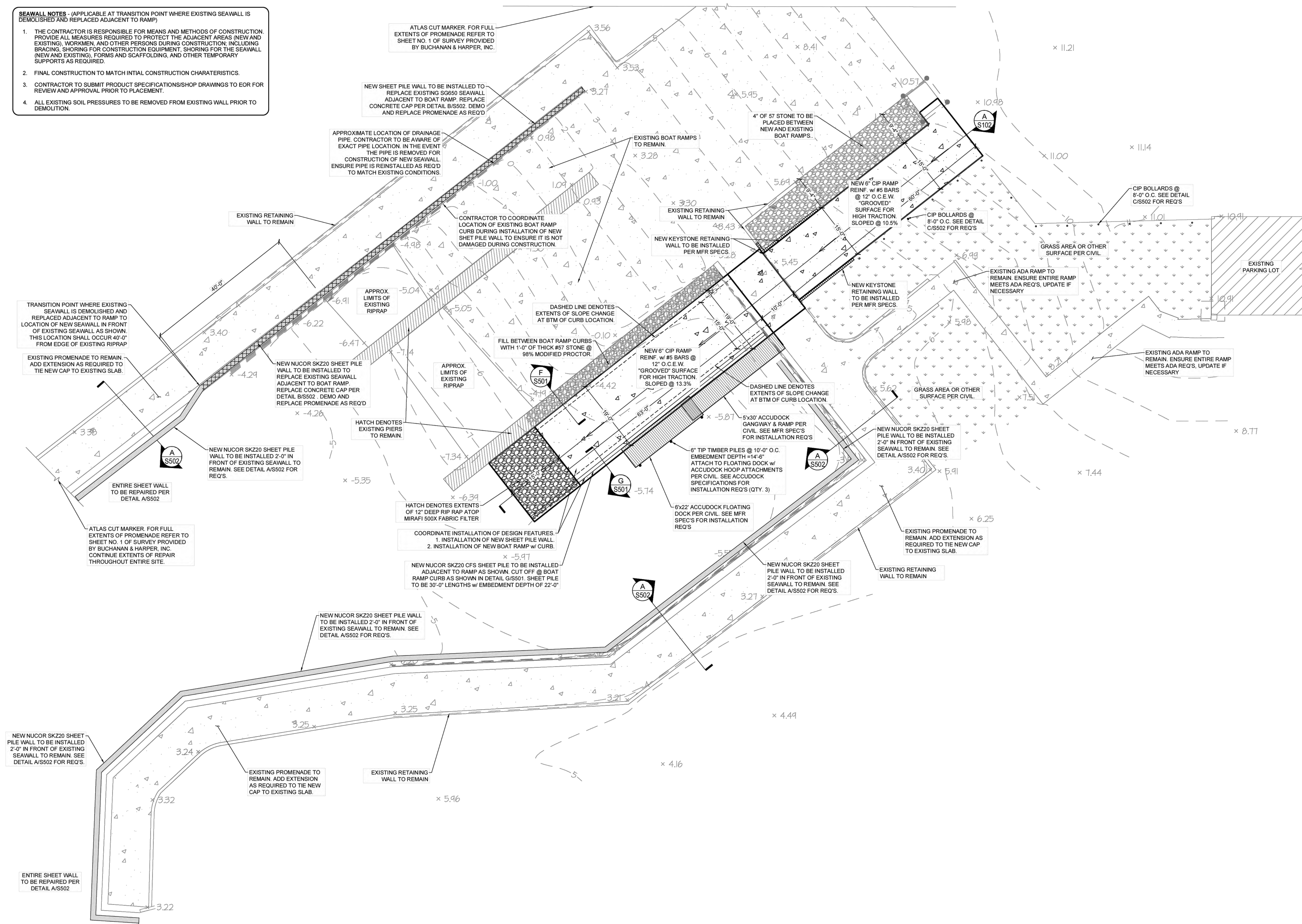
ATLAS ENGINEERING AND CONSULTING logo and contact information including address (455 HARRISON AVE., SUITE B PANAMA CITY, FLORIDA 32401) and phone number (909) 297-2516.

NEW BOAT RAMP DESIGN MEXICO BEACH BOAT RAMP BAY COUNTY, FLORIDA

SHEET TITLE: STRUCTURAL GENERAL NOTES, SHEET NO.: S001

SEAWALL NOTES - (APPLICABLE AT TRANSITION POINT WHERE EXISTING SEAWALL IS DEMOLISHED AND REPLACED ADJACENT TO RAMP)

1. THE CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION. PROVIDE ALL MEASURES REQUIRED TO PROTECT THE ADJACENT AREAS (NEW AND EXISTING), WORKMEN, AND OTHER PERSONS DURING CONSTRUCTION, INCLUDING BRACING, SHORING FOR CONSTRUCTION EQUIPMENT, SHORING FOR THE SEAWALL (NEW AND EXISTING), FORMS AND SCAFFOLDING, AND OTHER TEMPORARY SUPPORTS AS REQUIRED.
2. FINAL CONSTRUCTION TO MATCH INITIAL CONSTRUCTION CHARACTERISTICS.
3. CONTRACTOR TO SUBMIT PRODUCT SPECIFICATIONS/SHOP DRAWINGS TO EOR FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT.
4. ALL EXISTING SOIL PRESSURES TO BE REMOVED FROM EXISTING WALL PRIOR TO DEMOLITION.



NOT FOR CONSTRUCTION

RELEASE RECORD	
REVIEW ONLY / N.F.C.	02/10/2026
DESIGNER:	RSL
REVIEWED BY:	CLH
PROJECT NO.:	25-000-010
SHEET SCALE:	3/32"=1'-0" U.N.C.

ATLAS ENGINEERING AND CONSULTING

455 HARRISON AVE. SUITE B
PANAMA CITY, FLORIDA 32401
EMAIL: INFO@ATLASENG.US
PHONE: (850) 297-5516
REGISTRY NO. 34399

NEW BOAT RAMP DESIGN
MEXICO BEACH BOAT RAMP
BAY COUNTY, FLORIDA

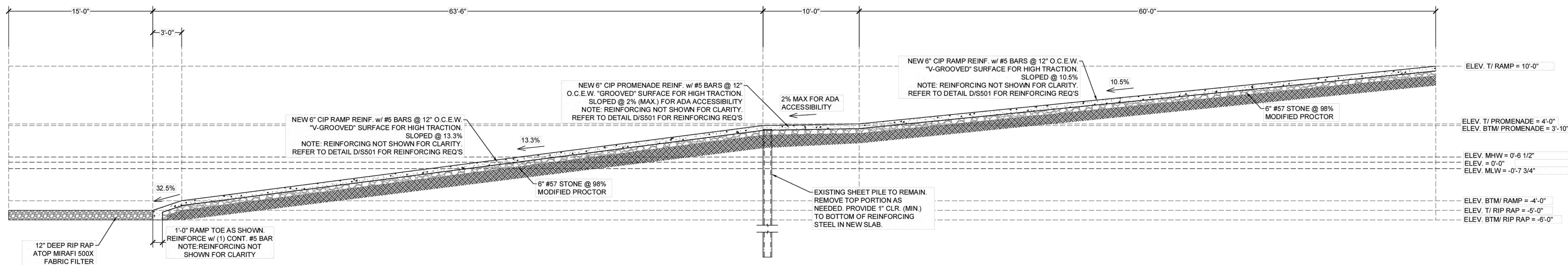
SHEET TITLE
STRUCTURAL
NEW DESIGN
PLAN

SHEET NO.
S101

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CONSTRUCTION

RELEASE RECORD	
REVIEW ONLY / N.F.C.	02/10/2026

DESIGNER:	RSL
REVIEWED BY:	CLH
PROJECT NO.:	25-000-010
SHEET SCALE:	3/16"=1'-0" U.N.C



GENERAL NOTE:
THE DEPTH AT MLW IS 4.35' AND MAX DRAFT OF BOATS UTILIZING THE RAMP WILL BE 40', PROVIDING A MINIMUM OF 12.2' CLEARANCE AT MLW.

A BOAT RAMP CROSS SECTION
SCALE: 3/16"=1'-0"

GENERAL NOTE:
THE DEPTH AT MLW IS 4.35' AND MAX DRAFT OF BOATS UTILIZING THE RAMP WILL BE 40', PROVIDING A MINIMUM OF 12.2' CLEARANCE AT MLW.

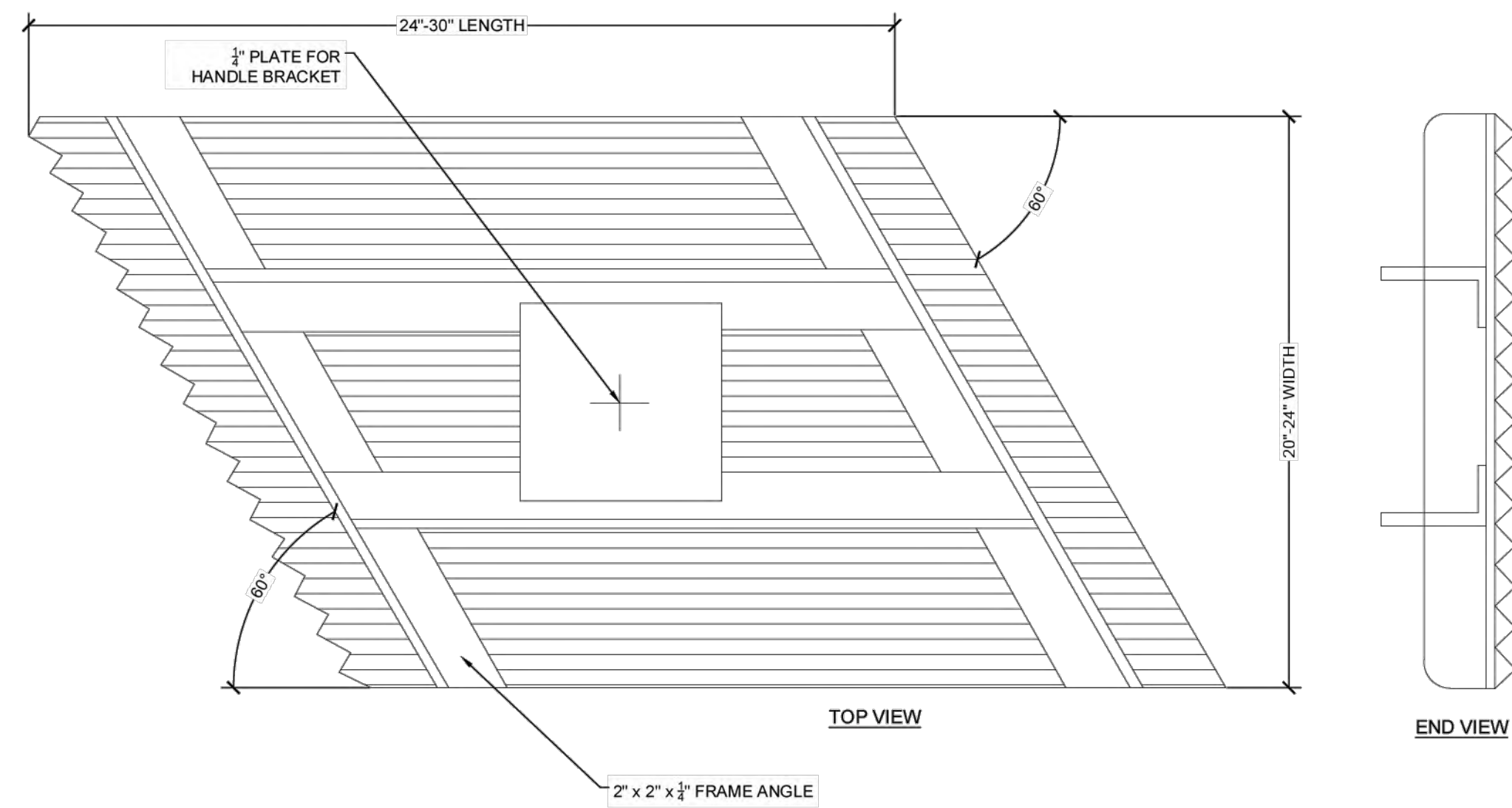
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PANAMA CITY, FLORIDA 32401
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REGISTRY NO. 84399

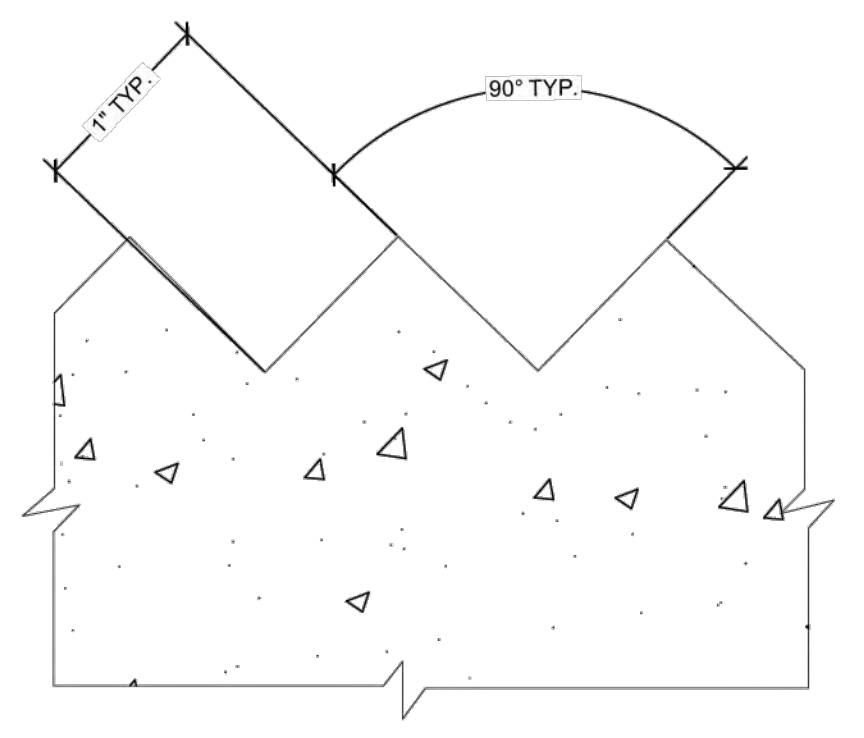
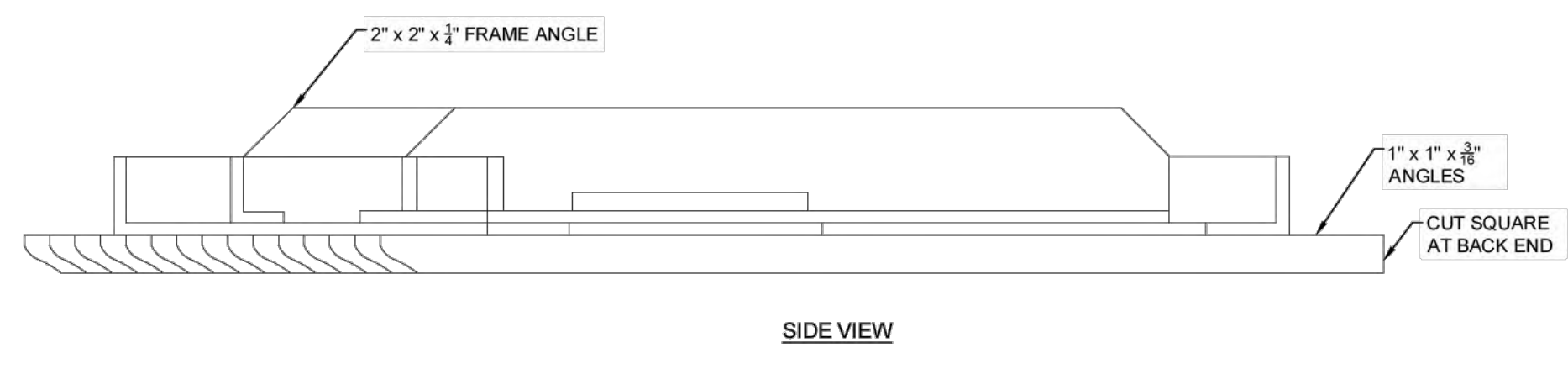
NEW BOAT RAMP DESIGN
**MEXICO BEACH
BOAT RAMP**
BAY COUNTY, FLORIDA

SHEET TITLE
STRUCTURAL
BOAT RAMP
CROSS SECTION

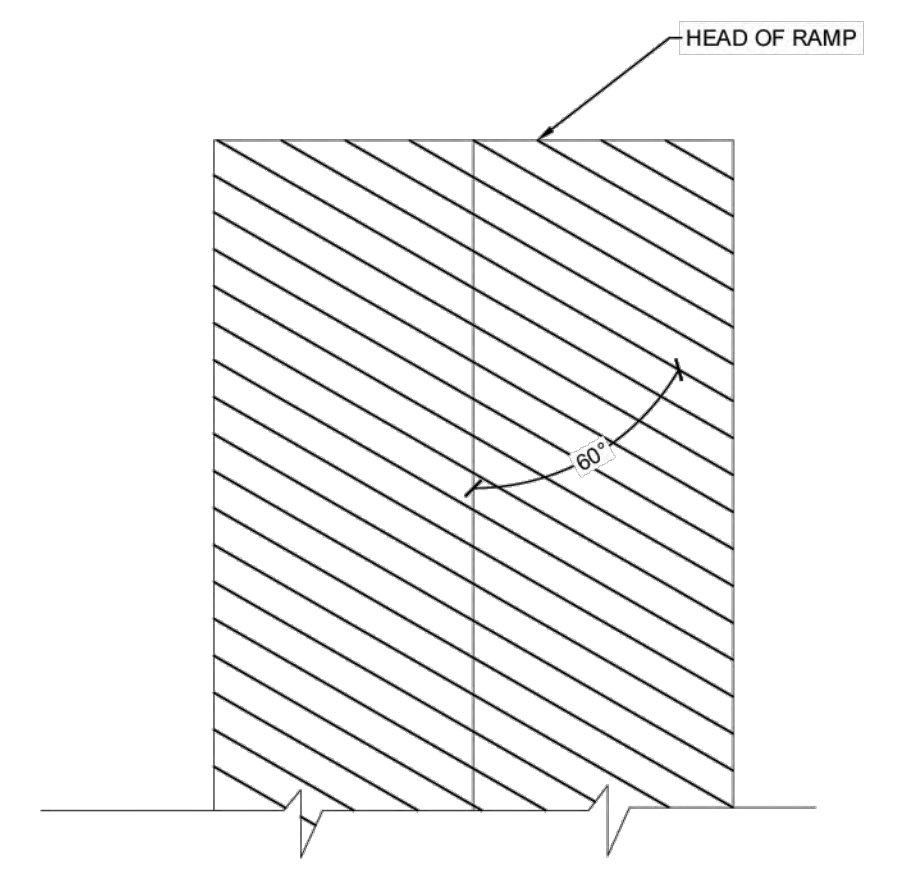
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S102



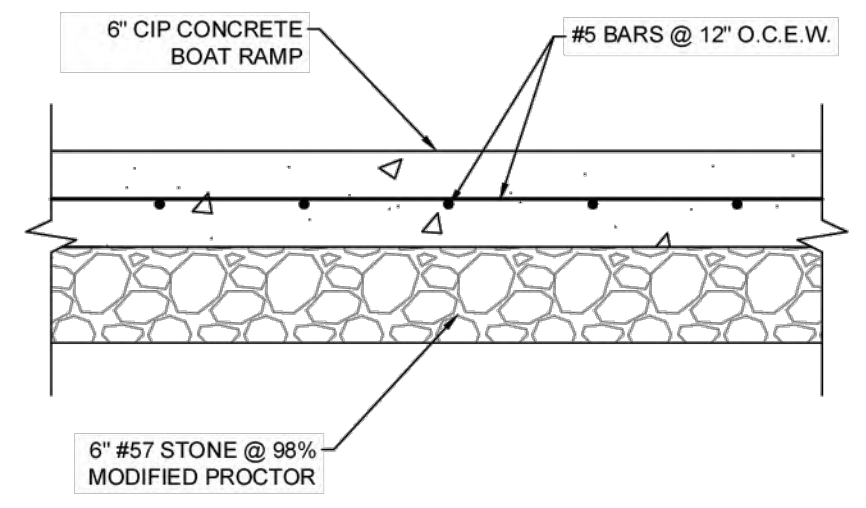
A TYP. V-GROOVE FINISH TOOL DETAIL
SCALE: 1" = 1'-0"



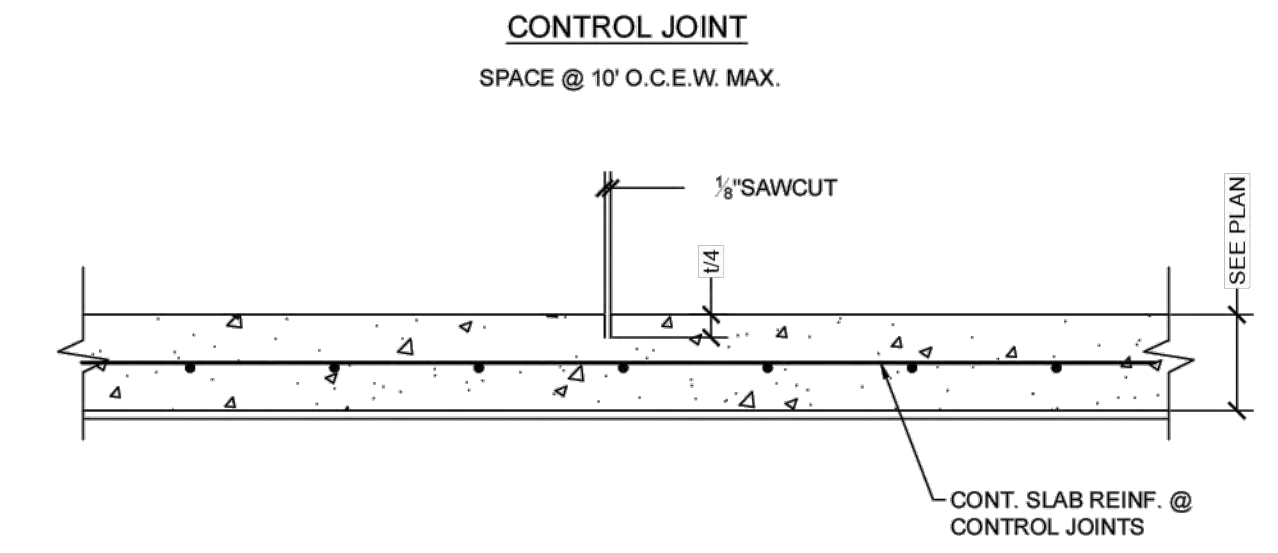
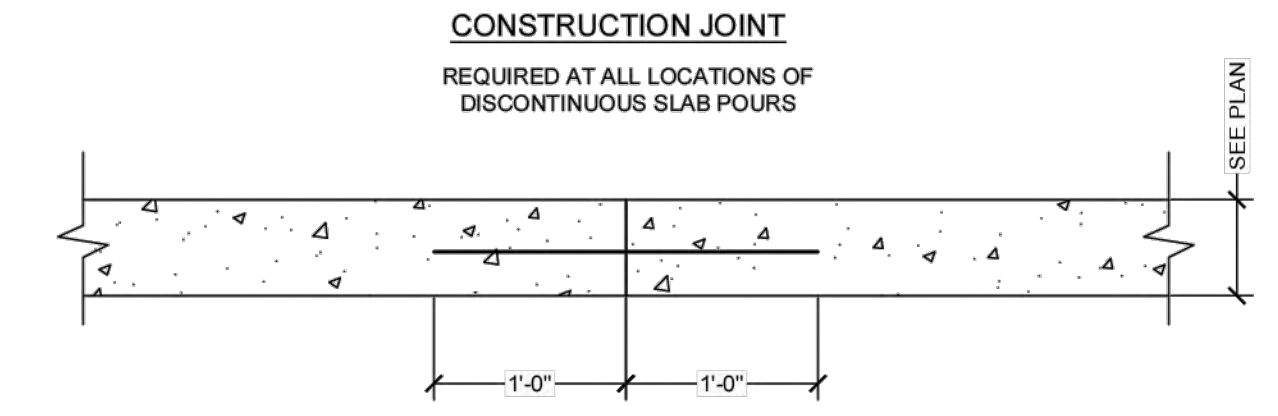
B TYP. V-GROOVE DETAIL
SCALE: 1" = 1'-0"



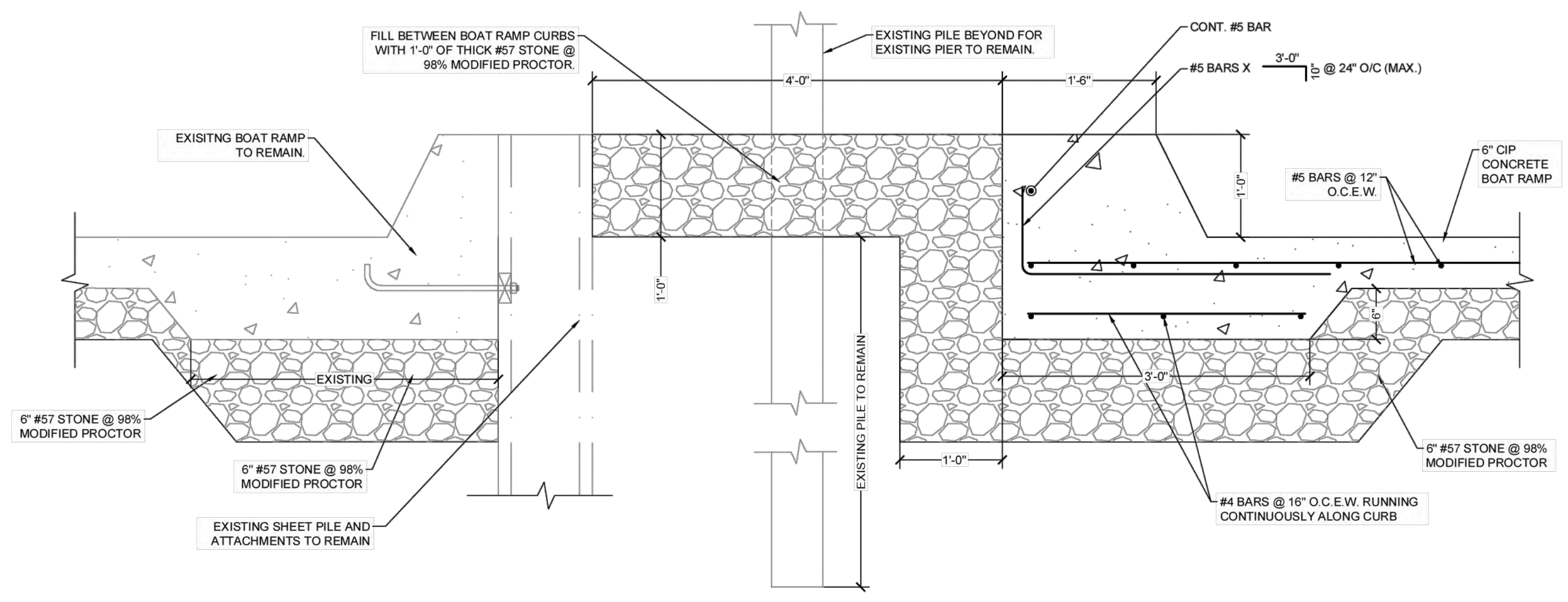
C TYP. V-GROOVE ALIGNMENT DETAIL
SCALE: 1" = 1'-0"



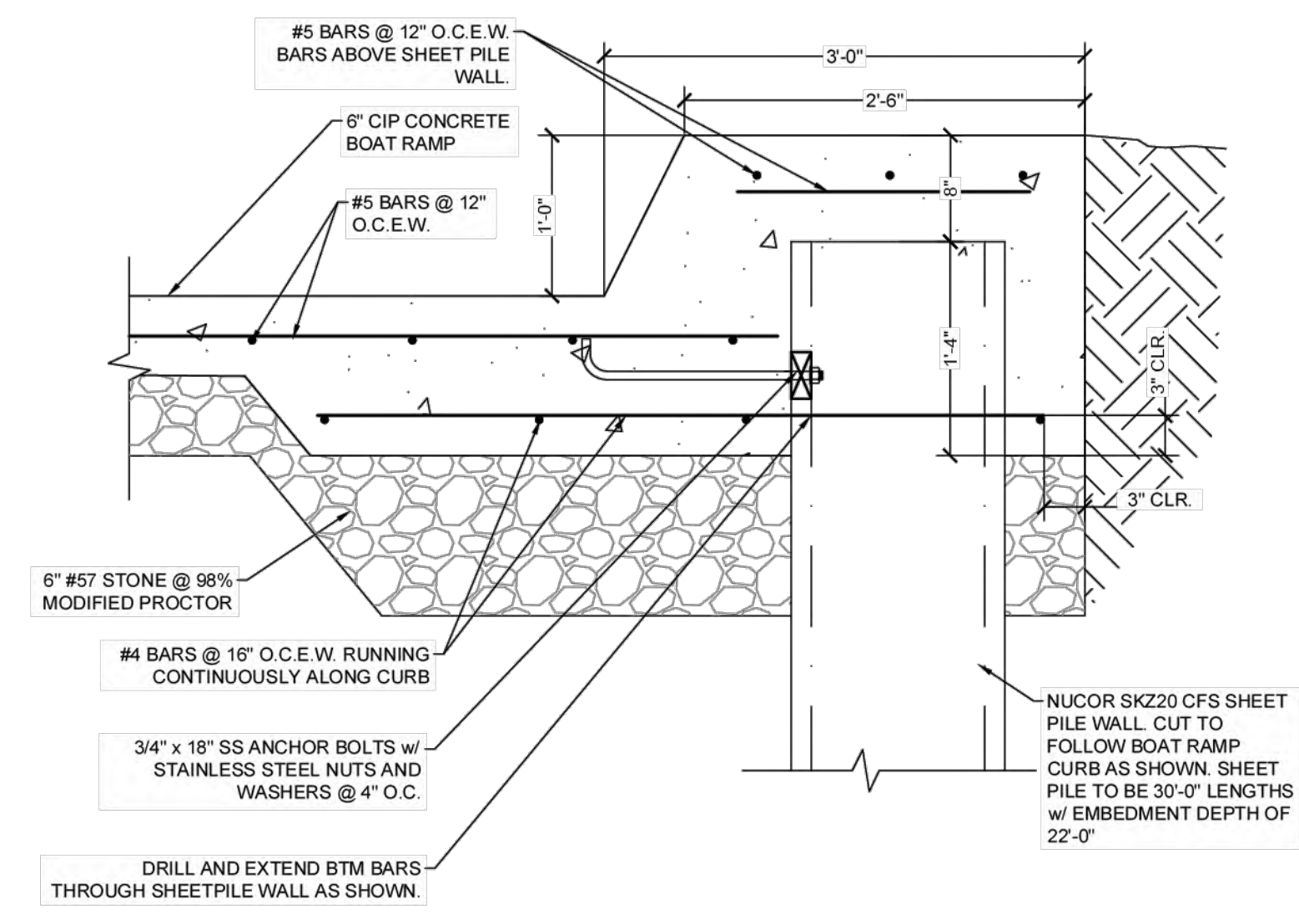
D TYP. BOAT RAMP DETAIL
SCALE: 1" = 1'-0"



E TYP. SLAB FINISHING DETAIL
SCALE: 1" = 1'-0"



F TYP. BOAT RAMP CURB DETAIL @ EXISTING BOAT RAMP LOCATION
SCALE: 1" = 1'-0"



G TYP. BOAT RAMP CURB DETAIL @ SHEET PILE
SCALE: 1" = 1'-0"

NEW BOAT RAMP DESIGN
MEXICO BEACH BOAT RAMP
BAY COUNTY, FLORIDA

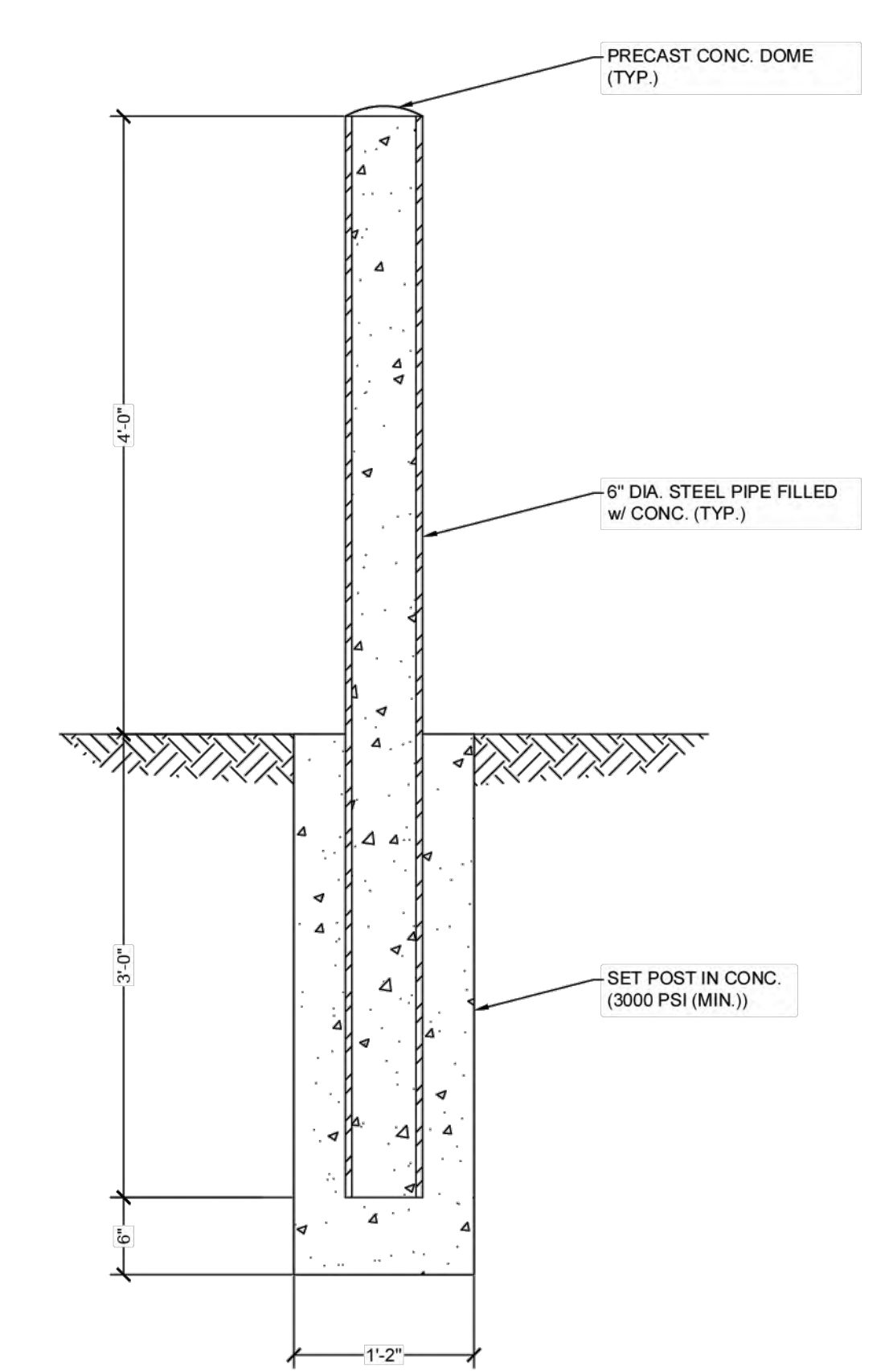
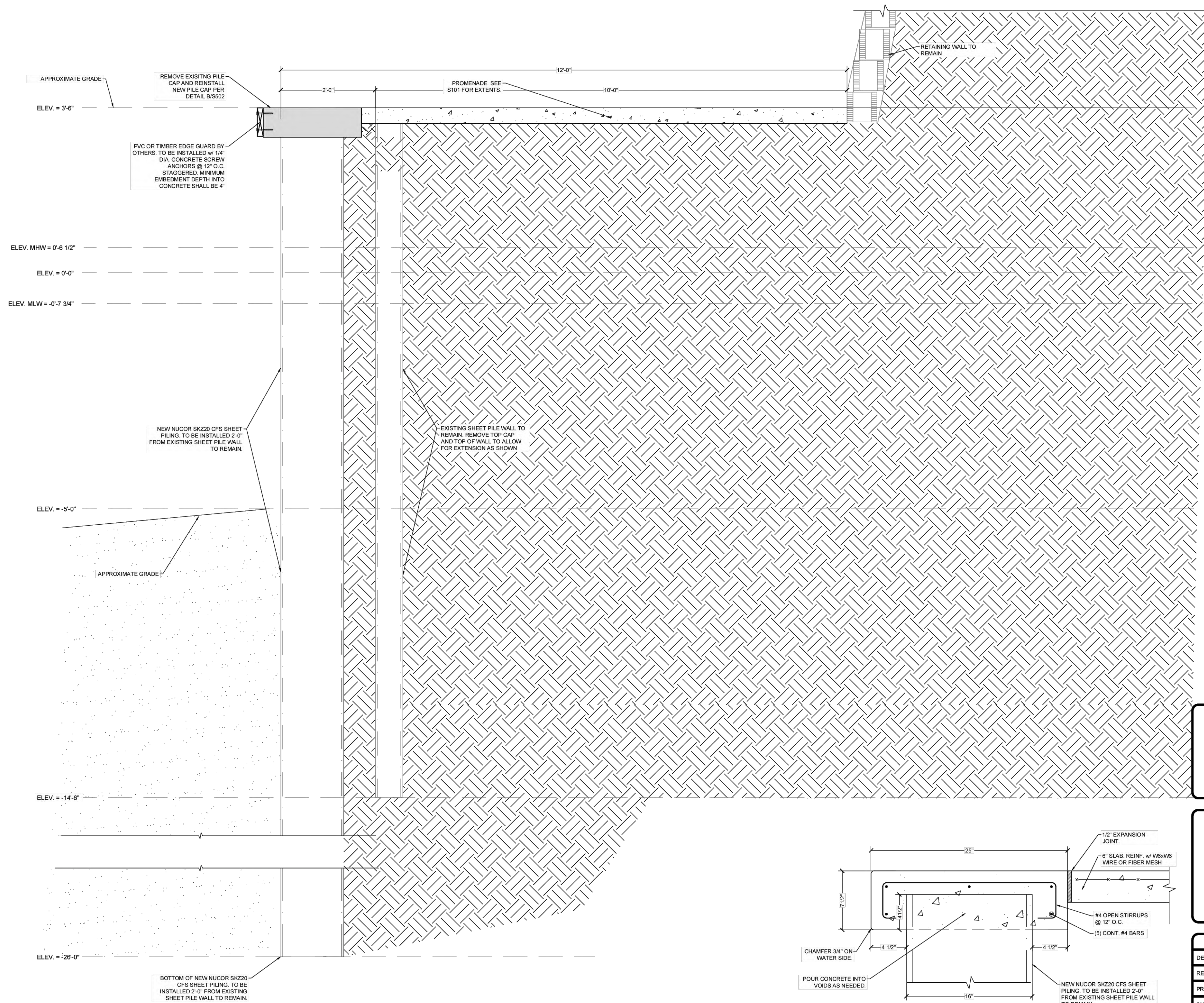
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ATLAS
ENGINEERING AND CONSULTING

455 HARRISON AVE. SUITE B
PANAMA CITY, FLORIDA 32401
PHONE: (850) 257-5316 EMAIL: INFO@ATLASENG.US REGISTRY NO. 34399

PROJECT INFORMATION	
DESIGNER:	RSL
REVIEWED BY:	CLH
PROJECT NO.:	25-000-010
SHEET SCALE:	SEE DETAIL

RELEASE RECORD	
REVIEW ONLY / N.F.C.	02/10/2026



C TYP. STEEL PIPE BOLLARD DETAIL
SCALE: 1" = 1'-0"

NEW BOAT RAMP DESIGN

MEXICO BEACH BOAT RAMP

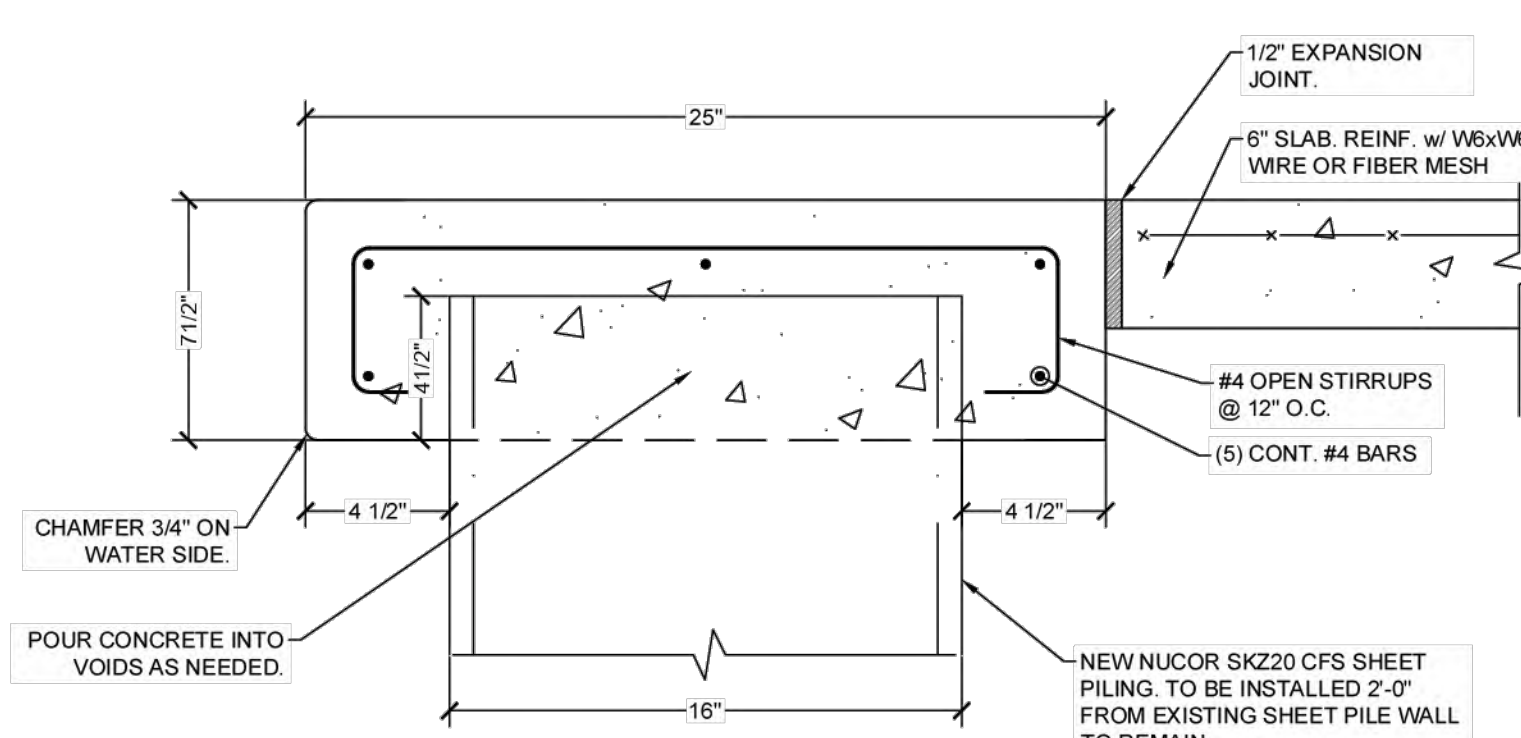
BAY COUNTY, FLORIDA

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ATLAS
ENGINEERING AND CONSULTING

455 HARRISON AVE. SUITE B
PANAMA CITY, FLORIDA 32401

PHONE: (850) 257-5316 EMAIL: INFO@ATLASENG.US REGISTRY NO. 34389



B PILE CAP PROFILE VIEW
SCALE: N.T.S.

A SEAWALL PROFILE VIEW
SCALE: 1" = 1'-0"

PROJECT INFORMATION	
DESIGNER:	RSL
REVIEWED BY:	CLH
PROJECT NO.:	25-000-010
SHEET SCALE:	SEE DETAIL

RELEASE RECORD	
REVIEW ONLY / N.F.C.	02/10/2026

SHEET TITLE
STRUCTURAL CONSTRUCTION DETAILS

SHEET NO.
S502