GRAPHIC SCALE
(IN FEET)
30 0 15 30 60 120

PRELIMINARY PLAN VIEW

CARL GRAY PARK BOAT RAMP IMPROVEMENTS
CITY OF PANAMA CITY
BAY COUNTY, FLORIDA

PROJECT NO. 198.013
SHEET 1

PREBLE-RISH INC
CONSULTING ENGINEERS AND SURVEYORS
CIVIL • SURVEYING • SITE PLANNING
203 ABERDEEN PKWY, PANAMA CITY, FL 32405
(850) 522-0644

SCALE:	DESIGNED:	DRAWN:	CHECKED:	DATE:
AS SHOWN	C. FOREHAND	J. FOY	C. FOREHAND	JUNE 2012

NOT APPROVED UNLESS STAMPED WITH PROFESSIONAL ENGINEERS SEAL.

EB 0006155

NO.	DATE:	APPR.	REVISION:
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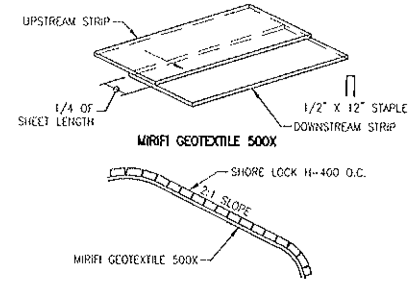
CHRISTOPHER B. FOREHAND 58028 ELIZABETH S. MOORE 57607 ALAN WISE 70631
TRAVIS K. JUSTICE 63092 JONATHAN SALARSKI 67361

GENERAL NOTES

1. USE SHEET PILINGS, WALERS, AND TIE BACK RODS PRODUCED BY CRANE MATERIALS INTERNATIONAL, OR APPROVED EQUAL.
2. USE TYPE II CEMENT WITH FLY ASH, FDOT CLASS II MINIMUM, 4 KSI CONCRETE AND GRADE 60 REBAR FOR THE PILE CAPS, BOAT RAMP, RETAINING WALL AND CONCRETE PROMENADE.
3. USE ONLY STAINLESS STEEL BOLTS, NUTS, SCREWS, AND WASHERS.
4. HANDLE, STORE, AND INSTALL SHEET PILINGS AND RELATED MATERIALS IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND WITH THE ATTACHED SPECIFICATIONS.
5. DO NOT STORE MATERIALS, OPERATE HEAVY MACHINERY, OR STOCKPILE SOILS WITHIN 8 FEET OF THE SHEET PILE WALLS. USE ONLY HAND OPERATED COMPACTORS WITHIN 8 FEET OF THE WALL.
6. WHERE THE TIE BACK ROD IS EMBEDDED IN THE PILE CAP, MAKE SURE IT PENETRATES THE TOP OF THE SHEET PILING AS SHOWN IN THE PILE CAP DETAIL.
7. USE THE SHEET PILES AS A FORM FOR POURING THE CONCRETE BOAT RAMP SO THAT THERE IS NO EXPOSED GROUND BETWEEN THE EDGE OF THE RAMP AND THE SHEET PILINGS.
8. PROVIDE 2" OF CONCRETE COVER (PROTECTION) FOR THE REBAR, UNLESS OTHERWISE NOTED.

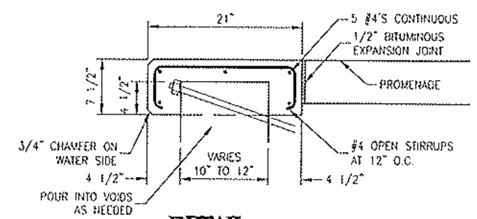
GENERAL CONSTRUCTION NOTES:

1. ALL BOLTS, SCREWS, NAIL, NUTS, WASHERS, OR ANY OTHER METAL SHALL BE STAINLESS STEEL UNLESS SPECIFIED OTHERWISE
2. THE BOLTS, NUTS AND WASHERS ON THE SWAY BRACING OF EACH BENT SHALL BE STAINLESS STEEL.
3. ALL LUMBER EXCEPT PILING SHALL BE SMOOTH SAWN NO. 1 SOUTHERN PINE PRESSURE TREATED WITH CHROMATED COPPER ARSENATE (CCA) TO A RETENTION OF 0.60 POUNDS PER CUBIC FOOT.
4. ALL BOLTS SHALL INCLUDE TWO HEAVY GAUGE FLAT WASHERS (ONE UNDER THE NUT AND ONE UNDER THE HEAD). BOLTS SHALL CONFORM TO ASTM STANDARD A-307, LOW CARBON STEEL EXTERNALLY AND INTERNALLY THREADED STANDARD FASTENERS.
5. ALL WORK AND MATERIALS SHALL CONFORM WITH THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, LATEST EDITION.
6. PILING SHALL BE 8" TIP (DIAMETER) SOUTHERN PINE, PRESSURE TREATED WITH CHROMATED COPPER ARSENATE (CCA) TO A RETENTION OF 2.5 POUNDS PER CUBIC FOOT. PILING SHALL CONFORM TO ASTM D-25-73 STANDARD SPECIFICATIONS FOR ROUND TIMER PILES.
7. ALL PRESSURE TREATMENT SHALL BE IN ACCORDANCE WITH AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) STANDARD C1 AS SUPPLEMENTED BY AWPA STANDARD C-2 & C-3.
8. BOLT HOLES SHALL BE 1/16" LARGER THAN THE BOLT.
9. SCREW INSERTION – THE SCREW SHALL BE INSERTED BY TURNING WITH A SCREW DRIVER, NOT BY DRIVING WITH A HAMMER.
10. DECKING & RUNNERS – INSTALL "BARK SIDE UP".



THERE SHOULD BE NO VOIDS OR AIR SPACE BETWEEN THE SUBGRADE AND THE GEOTEXTILE SO INTIMATE CONTACT CAN BE MAINTAINED WITH THE TWO SURFACES.

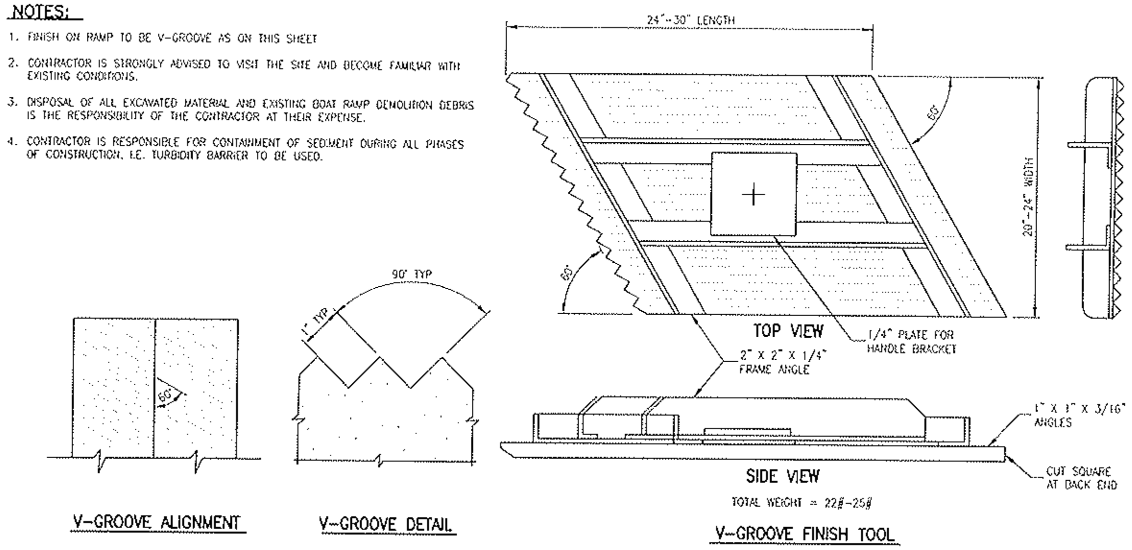
DETAIL SLOPE STABILIZATION
SCALE: N.T.S.



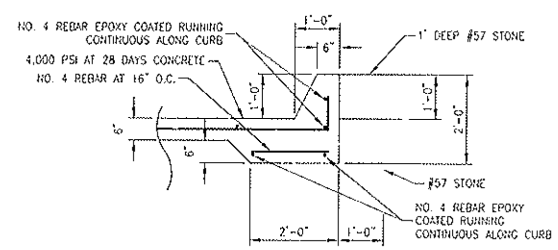
DETAIL PILE CAP
SCALE: 1/2" = 1'-0"

NOTES:

1. FINISH ON RAMP TO BE V-GROOVE AS ON THIS SHEET
2. CONTRACTOR IS STRONGLY ADVISED TO VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS.
3. DISPOSAL OF ALL EXCAVATED MATERIAL AND EXISTING BOAT RAMP DEMOLITION DEBRIS IS THE RESPONSIBILITY OF THE CONTRACTOR AT THEIR EXPENSE.
4. CONTRACTOR IS RESPONSIBLE FOR CONTAINMENT OF SEDIMENT DURING ALL PHASES OF CONSTRUCTION, I.E. TURBIDITY BARRIER TO BE USED.

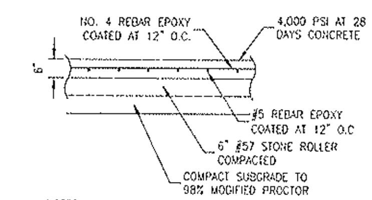


DETAIL V-GROOVE LAUNCHING RAMP FINISH
SCALE: N.T.S.



NOTE: USE TYPE II CEMENT WITH FLY ASH, FDOT CLASS II MINIMUM 4 KSI CONCRETE.

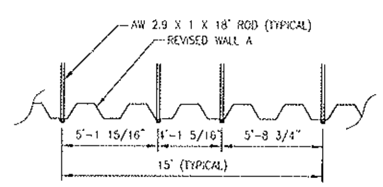
DETAIL EDGE OF BOAT RAMP – CURB
SCALE: 1/2" = 1'-0"



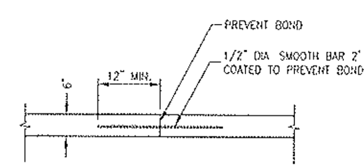
NOTES:

1. USE TYPE II CEMENT WITH FLY ASH, FDOT CLASS 99 MINIMUM 4 KSI CONCRETE.
2. SEE CONSTRUCTION JOINT DETAIL SHEET D1 FOR CONSTRUCTION JOINTS.

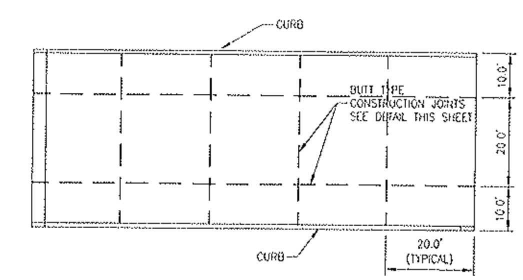
DETAIL BOAT RAMP
SCALE: N.T.S.



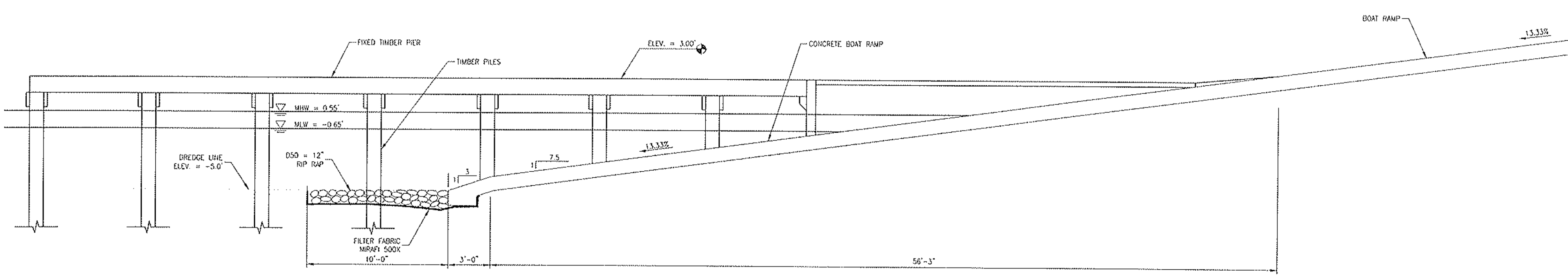
DETAIL REVISED WALL ROD SPACING
SCALE: N.T.S.



DETAIL BUTT TYPE CONSTRUCTION JOINT
SCALE: N.T.S.



PLAN VIEW BOAT RAMP CONSTRUCTION JOINTS
SCALE: 1" = 20'



SECTION THRU BOAT RAMP
SCALE: 1" = 4' HORIZONTAL AND VERTICAL

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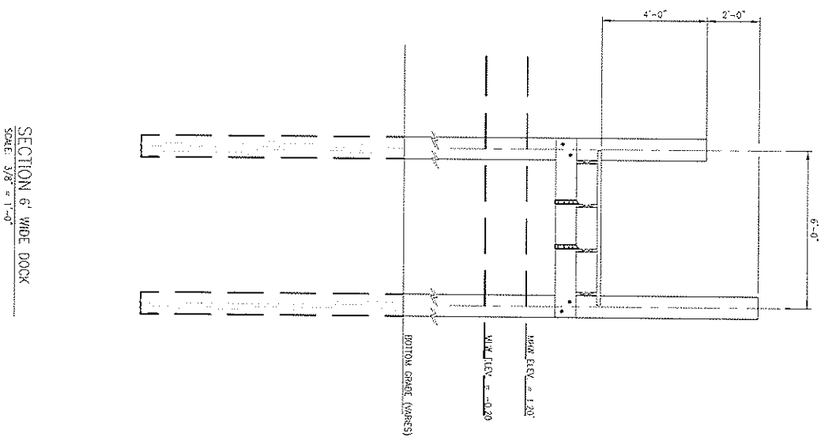

SECTION, 6' WIDE DOCK
SCALE: 3/8" = 1'-0"

PRELIMINARY DOCK SECTION

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SHEET: D2

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