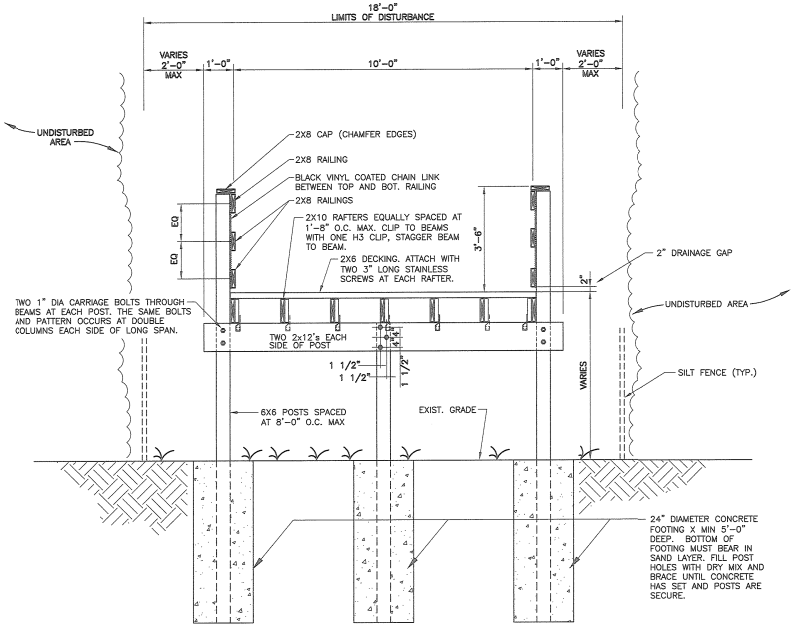
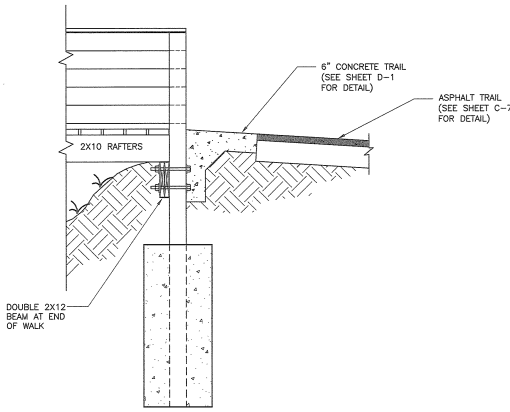


TYPICAL BOARDWALK CROSS SECTION

SCALE 1/2"=1'-0"

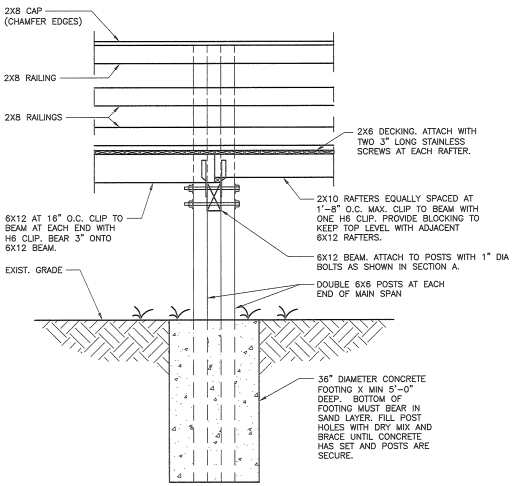
A S-X



TYPICAL BOARDWALK END SECTION

SCALE 1/2"=1'-0"

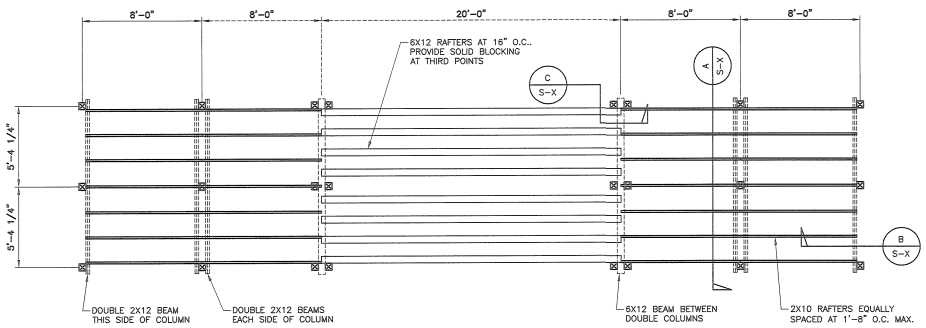
B S-X



SECTION AT END OF MAIN SPAN

SCALE 1/2"=1'-0"

C S-X

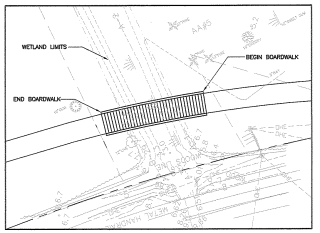


PLAN AT BOARDWALK

SCALE 1/4"=1'-0"

GENERAL STRUCTURAL NOTES

1. DESIGN PER FLORIDA BUILDING CODE, CURRENT EDITION
   A. DESIGN LOADS:
      LIVE LOADS
      FLOOR DECK ---------- 100 PSF
   B. WIND LOADS (120 MPH)
      WIND LOADS ARE NOT CONSIDERED IN THIS DESIGN.
2. SOIL PRESSURE (DESIGN MAX.) ---------- 2000 PSF
   THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING GEOTECHNICAL INFORMATION FOR PREPARING THE SITE AND SHALL VERIFY THAT THE SITE IS CAPABLE OF PROVIDING 2000 PSF SOIL BEARING.
3. IF FOOTING ELEVATIONS SHOWN OCCUR IN A DISTURBED, UNSTABLE, OR UNSUITABLE SOIL, THE ENGINEER SHALL BE NOTIFIED.
4. CONCRETE: DESIGN PER CURRENT EDITION A.C.I.
   ALL CONCRETE ---------- f'c = 3000 PSI
5. REINFORCEMENT: REINFORCING BARS (GRADE 60) ------- A.S.T.M. A-615
   WELDED WIRE MESH ---------- A.S.T.M. A-185
6. MINIMUM COVER FOR CAST-IN-PLACE CONCRETE REINF., UNLESS OTHERWISE SHOWN ON DRAWINGS, SHALL BE AS FOLLOWS:
   FOOTINGS ---------- 3"
   SLABS ---------- CENTERED
   WALLS ---------- CENTERED
7. SPLICES IN REINFORCEMENT, WHERE PERMITTED, SHALL BE AS FOLLOWS:
   WELDED WIRE MESH ---------- 8"
   ALL POURED CONCRETE ---------- CLASS "B" TENSION SPLICE
8. ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACEMENT OF CONCRETE. USE PLASTIC COATED FEET WHERE CONCRETE IS EXPOSED.
8. MACHINE BOLTS (MB) A.S.T.M. A-307. ALL BOLTS, LAG BOLTS, NUTS, AND WASHERS SHALL BE HOT DIP GALVANIZED. HOLES SHALL BE PRE-DRILLED FOR LAG BOLTS.
9. TOUCH UP ANY DISTURBED GALVANIZING WITH ZRC COLD GALVANIZING COMPOUND.
10. WOOD FRAMING: ALL WOOD SHALL BE #2 OR BETTER SOUTHERN PINE. ALL WOOD SHALL BE PRESSURE TREATED. ALL POSTS SHALL BE GROUND CONTACT TREATED. ALL CUTS AND HOLES SHALL BE FIELD TREATED.
11. MULTIPLE WOOD MEMBERS SHALL BE SPIKED OR BOLTED TOGETHER.
12. ALL WOOD CONNECTORS ARE BY THE SIMPSON STRONG TIE COMPANY.
13. SEE ARCH., PLUMBING, LANDSCAPING, MECH., AND ELEC. DRAWINGS FOR DRIPS, REGLETS, CHAMFERS, RUSTICATIONS, SLOTS, SLEEVES, ANCHORS, INSERTS, AND OPENINGS REQUIRED.
14. ALL STRUCTURAL OPENINGS AROUND OR AFFECTED BY MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT SHALL BE VERIFIED WITH EQUIPMENT PURCHASED BEFORE PROCEEDING WITH STRUCTURAL WORK AFFECTED.
15. VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO START OF CONSTRUCTION.



PARTIAL SITE PLAN

SCALE 1"=30'
SEE OVERALL SITE PLAN FOR EXACT LOCATION

Renstrom Engineering, Inc.
STRUCTURAL ENGINEERING
Cert. 00005605
2710 ROGERO ROAD
Jacksonville, Fl. 32211
904-745-1710
Richard M. Renstrom
PE 37061

NO.	BY	DATE	REVISIONS	NO.	BY	DATE	REVISIONS
6				6			
5				5			
4				4			
3				3			
2				2			
1				1			

DESIGNER R.M.R.
DRAWN BY F.R.L.
DATE OCTOBER, 2007
CHECKED BY F.E.G.
DATE OCTOBER, 2007

THE R-A-M PROFESSIONAL GROUP, INC.
CIVIL AND ELECTRICAL ENGINEERING - LANDSCAPE ARCHITECTURE
8298 BAYBERRY ROAD - JACKSONVILLE, FL 32256 - (904) 731-5440
CERT. OF AUTH. 00006409 - CERT. OF AUTH. 26000197
RICHARD M. RENSTROM, P.E., REG. No. 37061

CLAY COUNTY
PARKS AND RECREATION
DEPARTMENT

PROJECT NO: 205-005-02
DATE: OCTOBER, 2007
SCALE: VARIES

ELEVATED BOARDWALK
PLAN, SECTIONS, AND NOTES
MOCCASIN SLOUGH PARK

TOTAL No. SHEETS

DRAWING No. C-16