

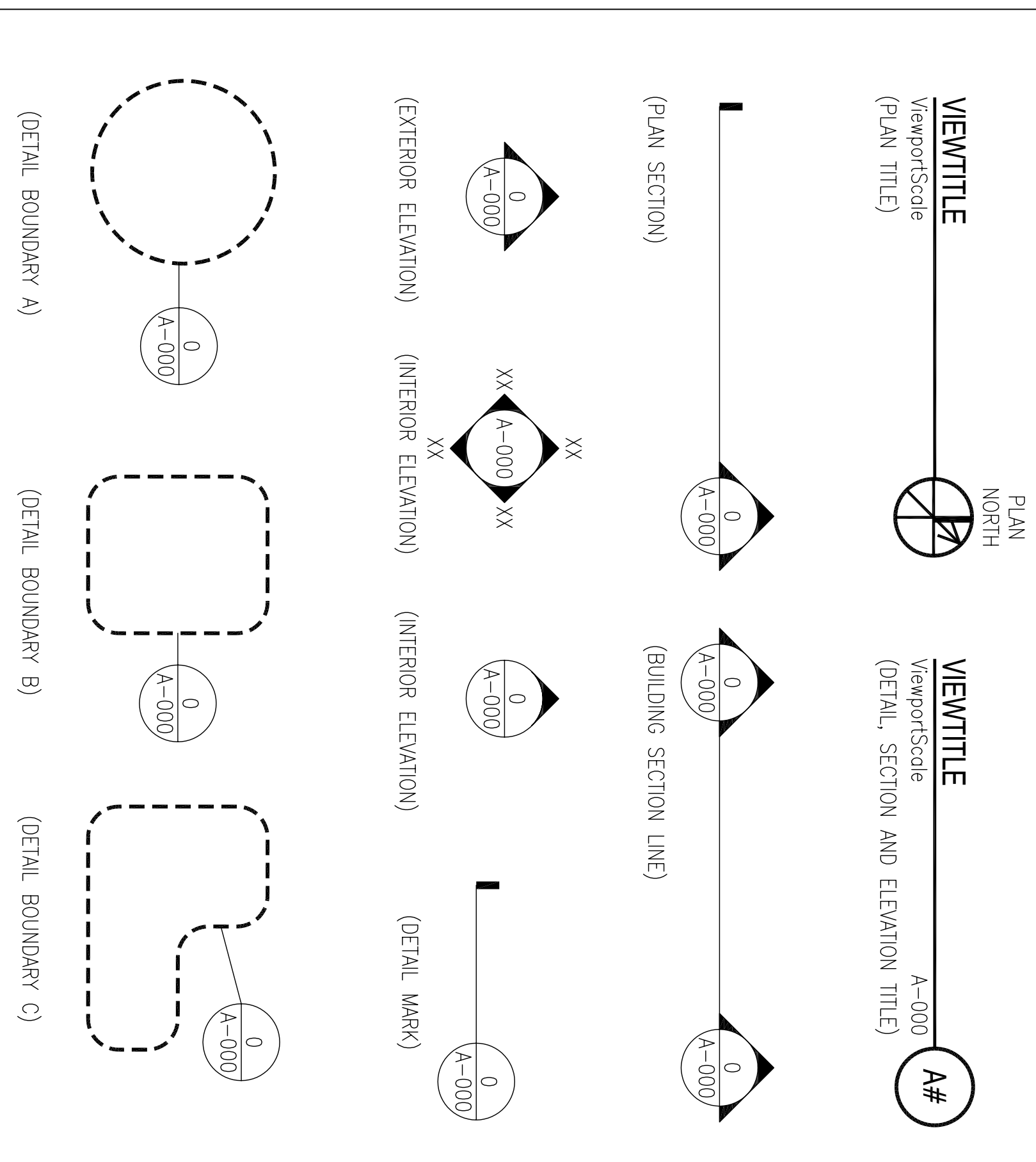
GENERAL NOTES

1. CONCRETE:
A.C.I. 301-89 SPECIFICATIONS, NORMAL WEIGHT CONCRETE.
2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS:
4,000 P.S.I.
3,500 P.S.I.
3. REINFORCING STEEL:
BARS - A.S.T.M. A615, GRADE 60
WELDED WIRE MESH - A.S.T.M. A185
4. REINFORCING CLEARANCES REQUIRED ARE AS FOLLOWS:
A. SLABS: 1" CLEAR BOTTOM, 3/4" CLEAR TOP.
B. BEAMS: 1/2" CLEAR BOTTOM FORMED, 3" CLEAR BOTTOM CAST ON EARTH, 1 1/2" CLEAR SIDES AND TOP FORMED, 3" CLEAR SIDES EARTH FORMED, 1/2" CLEAR TOP.
C. COLUMNS: 1/2" CLEAR, TYPICAL.
D. WALLS: 1/2" CLEAR, TYPICAL.
5. REINFORCING DETAILS:
A.C.I. 315 STANDARDS: UNLESS SPECIFICALLY NOTED OR SHOWN ON THE DRAWINGS, BAR LAPS AND CONFIGURATIONS SHALL BE AS FOLLOWS:
A. CONTINUOUS TOP BARS: HOOK AT NON-CONTINUOUS ENDS; LAP 30 DIAS. AT MID-SPAN.
6. STRUCTURAL STEEL:
A.I.S.C. SPECIFICATIONS: WIDE FLANGE SECTIONS A.S.T.M. A572, GRADE 50 STEEL, ALL OTHER A.S.T.M. A-36 STEEL, EXCEPT TUBES A.S.T.M. A-500 GRADE B; A-325 BOLTS (3/4" MIN.); E-70 ELECTRODES, EXCEPT AS NOTED, ALL BEAM CONNECTIONS SHALL BE A.I.S.C. STANDARD FRAMED CONNECTIONS, BOLTED OR WELDED. CONNECTIONS TO BE DESIGNED FOR 1/2 UNIFORM LOAD BEAM CAPACITY FOR PROPER BEAM SPAN UNLESS OTHERWISE INDICATED. CONNECTIONS NOT DETAILED ON THE DRAWINGS, INCLUDING A.I.S.C. STANDARD FRAMED CONNECTIONS, SHALL BE DESIGNED BY A LOUISIANA REGISTERED CIVIL ENGINEER COMMISSIONED BY THE CONTRACTOR AND SHOP DRAWINGS MUST BEAR THAT ENGINEER'S SEAL.
7. OPEN WEB STEEL JOISTS:
A. S.J.I. SPECIFICATIONS AND CODE OF STANDARD PRACTICE: (1994) FIELD WELDED IN PLACE, MANUFACTURER MUST BE A MEMBER OF STEEL JOIST INSTITUTE.
PROVIDE ALL BRIDGING AND BRACING (INCLUDING THE BRIDGING AND BRACING AT THE FIRST BOTTOM CHORD PANEL POINT AT EACH END OF THE JOIST REQUIRED FOR UPLIFT DESIGN) AS REQUIRED BY SJI SPECIFICATIONS. ALL BRIDGING AND BRACING SHALL BE FIELD WELDED. ALL CONTINUOUS BRIDGING AND BRACING MUST BE CONNECTED TO ALL AND ANY BEAMS AND WALLS WHICH ARE PARALLEL TO JOISTS. THE MANUFACTURER SHALL SUBMIT A NOTARIZED AFFIDAVIT STATING FULL DESIGN COMPLIANCE WITH THE UPLIFT CRITERION.
8. OTHER WORK:
COORDINATE ALL OTHER WORK WITH STRUCTURAL. UNLESS DETAILED OR SPECIFIED, THE ARCHITECT IS TO APPROVE ALL OPENINGS, SLEEVES, EMBEDDED ITEMS ETC. INVOLVED IN STRUCTURAL WORK PRIOR TO THEIR BEING SET. DO NOT CUT OR DRILL HOLES IN STRUCTURAL MEMBERS WITHOUT THE APPROVAL OF THE ARCHITECT. ALL SUCH ITEMS SHALL NOT IMPAIR THE STRUCTURAL INTEGRITY OF THE MEMBER.
9. CAMBER:
ALL BEAMS SHALL BE CAMBERED UPWARD. BEAMS WITHOUT A SPECIFIED CAMBER SHALL BE ORIENTED SUCH THAT ANY INCIDENTAL WILL CAMBER IS UPWARD.
10. AUTOMATICALLY END WELDED SHEAR CONNECTORS (A.E.W.S.C.):
AS MANUFACTURED BY NELSON STUDS OR APPROVED EQUAL.

DESIGN CRITERIA

UFC 3-300-10N
UFC 4-010-01
UFC 1-300-09N
ACI 530-08
IBC 2006

**NAVFAC STANDARD SYMBOLOGY
KEYNOTE SYMBOLS**



ACRONYMS & ABBREVIATIONS:

ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIAL
BLDG.	BUILDING
CONC.	CONCRETE
CONT.	CONTINUOUS
ELEV.	ELEVATION
EQ. SP.	EQUAL SPACING
G.A.	GAUGE
GALV.	GALVANIZED
HORIZ.	HORIZONTAL
L.G.	LENGTH
O.C.	ON CENTER
O.H.	OVER HEAD
P.S.I.	POUNDS PER SQUARE INCH
PVC.	POLYVINYL CHLORIDE
T & B	TOP AND BOTTOM
TYP.	TYPICAL
VERT.	VERTICAL
W.W.M.	WELDED WIRE MESH

SYM	DESCRIPTION	DATE	APPR

DAMMON ENGINEERING, INC.
REGISTERED PROFESSIONAL ENGINEER
OFFICE: SUITE 200, 1000 W. GULF BLVD., SUITE 200, LAFAYETTE, LA 70503
(985) 649-5832

EMMETT B. DAMMON
REGISTERED PROFESSIONAL ENGINEER
OFFICE: SUITE 200, 1000 W. GULF BLVD., SUITE 200, LAFAYETTE, LA 70503
(985) 649-5832

DESIGNED BY: R. WITSE
DRAWN BY: J. HERNANDEZ
CHECKED BY: T. ARNOLD
IN CHARGE: P. DAMMON

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
MISSISSIPPI
JOHN C. STENNIS SPACE CENTER
SOF RIVERINE AND COMBATANT CRAFT OPERATIONS FACILITY - PRE-FINAL
STRUCTURAL TITLE SHEET

ROBERT LEE WITSE
REGISTERED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
NO. 10000

SCALE: AS SHOWN
SHEET 70 OF 132