

FOOTING SCHEDULE

MARK	SIZE	BOTT. REINF.	REMARKS
F1	20"x16"xCONT	3#5	MONOLITHIC FOOTING W/ #5 TRANSVERSE BARS @ 48"o.c.
F2	28"x16"xCONT	4#5	MONOLITHIC FOOTING W/ #5 TRANSVERSE BARS @ 48"o.c.
F3	20"x12"x3' LONG	2#5	SPREAD FOOTING W/ #5 TRANSVERSE BARS ENDS
F4	16"x8"xCONT	2#5	MONOLITHIC THICKENED EDGE
F5	8"x8"xCONT	#5	MONOLITHIC THICKENED EDGE

COLUMN SCHEDULE

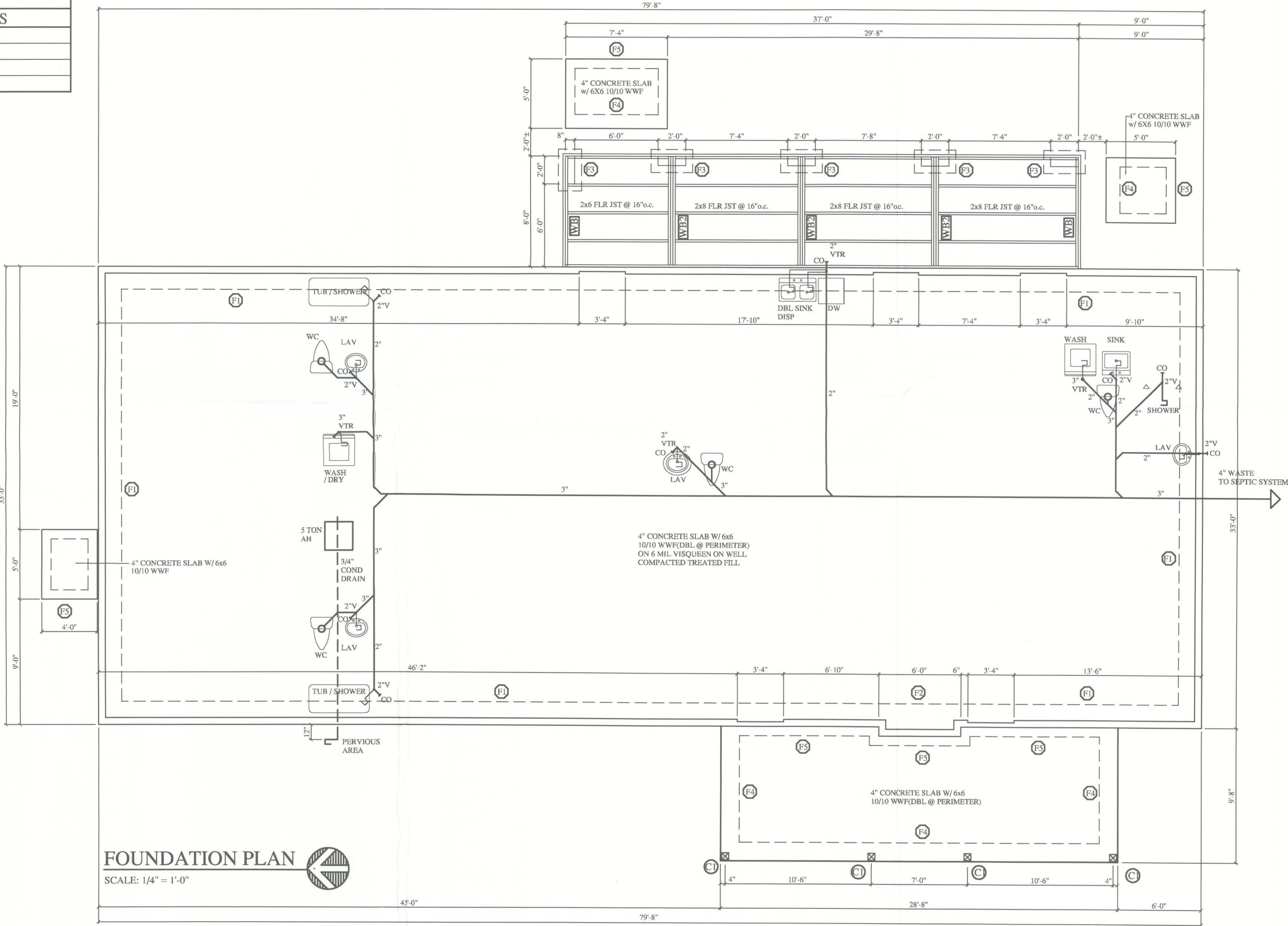
MARK	SIZE	REINFORCING VERT. #2 TIES	BASE PLATE SIZE ANCHOR BOLTS	REMARKS
C1	6" x 6" PT WOOD			

BEAM SCHEDULE

MARK	SIZE	T.O.B. ELEV.	REINFORCING BOTT. TOP MID	#3 STIRRUPS EACH END THRU/OUT	REMARKS
WB	(2) 2x8	-0'-2"			
WB2	(3) 2x8	-0'-2"			
L1	(3) 2x12	+7'-9"			

STRUCTURAL NOTES

- DESIGN LIVE LOADS ASCE 7-05:
CONCRETE FLOOR SLAB ON GRADE 100 PSF
WOOD DECK 40 PSF
ROOF 30 PSF
WIND LOADS AS PER ANSI/ASCE 7-05:
BASIC WIND SPEED: 110 MPH
EXPOSURE CATEGORY: B
IMPORTANCE FACTOR: 1.0
DISTANCE FROM HURRICANE OCEANLINE: 50 MILES
STRUCTURE CATEGORY CLASSIFICATION: I
MAIN WIND FORCE RESISTING LOAD: 30.36 PSF
- SLABS ON FILL: FILL AND BACKFILL TO BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AT OPTIMUM MOISTURE AS DETERMINED BY STANDARD PROCTOR TEST OR BY SOILS ENGINEER'S RECOMMENDATIONS FOR OBTAINING REQUIRED BEARING CAPACITY. CONCRETE SLABS ON FILL SHALL BE A MINIMUM 4 INCHES THICK.
- ANY ADDITIONAL FILL PLACED ON THE BUILDING PAD AREA, SHALL BE COMPACTED TO A MINIMUM DENSITY OF 98 % OF THE T-180 MODIFIED PROCTOR. THE AREA UNDER THE BOTTOM OF THE FOOTINGS WILL BE COMPACTED PRIOR TO PLACEMENT OF STEEL, WITH A VIBRATORY COMPACTOR TO INSURE UNIFORMED DENSITY BENEATH THE FOOTINGS.
- ALL FOOTINGS ARE DESIGNED FOR A 2000 PSF SOIL BEARING CAPACITY. CONTRACTOR SHALL NOTIFY ARCHITECT IN WRITING PRIOR TO FOUNDATION WORK IF SOIL CONDITIONS ARE FOUND TO BE UNSUITABLE TO OBTAIN DESIRED BEARING CAPACITY.
- SOIL TREATMENT: TOXICANTS FOR THE SOIL TREATMENT MAY BE ANY OF THE FOLLOWING:
HEPTACHLOR 2% APPLIED IN WATER EMULSION
ALDRIN 1% APPLIED IN WATER EMULSION
TERMIDE 1% APPLIED IN WATER EMULSION
- TOXICANTS SHALL BE APPLIED AT A RATE OF NOT LESS THAN ONE (1) GALLON PER TEN (10) SQUARE FEET. TOXICANT SHALL BE APPLIED TO ALL AREAS TO RECEIVE CONCRETE SLABS AND THE AREAS SO TREATED SHALL BE IMMEDIATELY PROTECTED WITH A VAPOR BARRIER.
- CONCRETE GENERAL: UNLESS OTHERWISE CALLED FOR INSPECIFICATIONS OR DRAWINGS, ALL CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS AND RECOMMENDATIONS OF ACI 301-88 "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS."
- CONCRETE: SHALL BE A MIX DESIGNED BY A RECOGNIZED TESTING LABORATORY TO ACHIEVE A COMPRESSIVE STRENGTH OF 1,500 PSI IN 28 DAYS WITH A PLASTIC AND WORKABLE MIX.
- CONCRETE MASONRY UNITS: SHALL BE HOLLOW LOAD BEARING TYPES CONFORMING TO ASTM C90. MORTAR SHALL BE TYPE M OR S CONFORMING TO ASTM C270. UNITS THAT ARE TO BE EXPOSED SHALL HAVE A SMOOTH TEXTURE. UNITS THAT ARE TO RECEIVE A FINISH, OTHER THAN PAINT, SHALL HAVE A ROUGH TEXTURE. ALL UNITS DELIVERED TO THE JOB SITE SHALL BE A MINIMUM OF 14 DAYS OLD AND IN AN AIR DRY CONDITION.
- REINFORCING STEEL: SHALL BE A DEFORMED BILLET STEEL BARS CONFORMING TO ASTM A615 GRADE 60; WELDED WIRE MESH (WWM) SHALL CONFORM TO ASTM A185. REINFORCING STEEL SHALL BE OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES (ACI 315-83) AND THE BUILDING CODE REQUIREMENTS FOR REINFORCING CONCRETE (ACI 318-83).
- STRUCTURAL WOOD FRAMING: SHALL BE SIZED AS INDICATED ON THE DRAWINGS, VISUALLY OF MACHINE GRADED SAWN LUMBER IDENTIFIED BY GRADE MARKS OF A CERTIFICATE OF INSPECTION ISSUED BY LUMBER GRADING OR INSPECTION BUREAU AND SHALL BE SELECTED TO HAVE A MINIMUM DESIGN VALUE OF 1200PSI EXTREME FIBER STRESS IN BENDING. SOUTHERN PINE #2 OR EQUAL.
- WOOD TREATMENT: ALL WOOD PRODUCTS IN DIRECT CONTACT WITH MASONRY OR CONCRETE SURFACES AND AS REQUIRED BY THE DRAWINGS SHALL BE PRESERVED TREATED IN ACCORDANCE WITH AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) STANDARD C1.
- ALL METAL USED FOR CONNECTING WOOD MEMBERS SHALL BE GALVANIZED OR CORROSION RESISTANT.
- ALL WOOD FLOOR AND ROOF TRUSSES SHALL BE FULLY ENGINEERED AND SEALED BY A FLORIDA REGISTERED ENGINEER. SUBMIT (4) COPIES OF SHOP DRAWINGS AND ENGINEERING TO ARCHITECT FOR APPROVAL PRIOR TO FABRICATION.



FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

