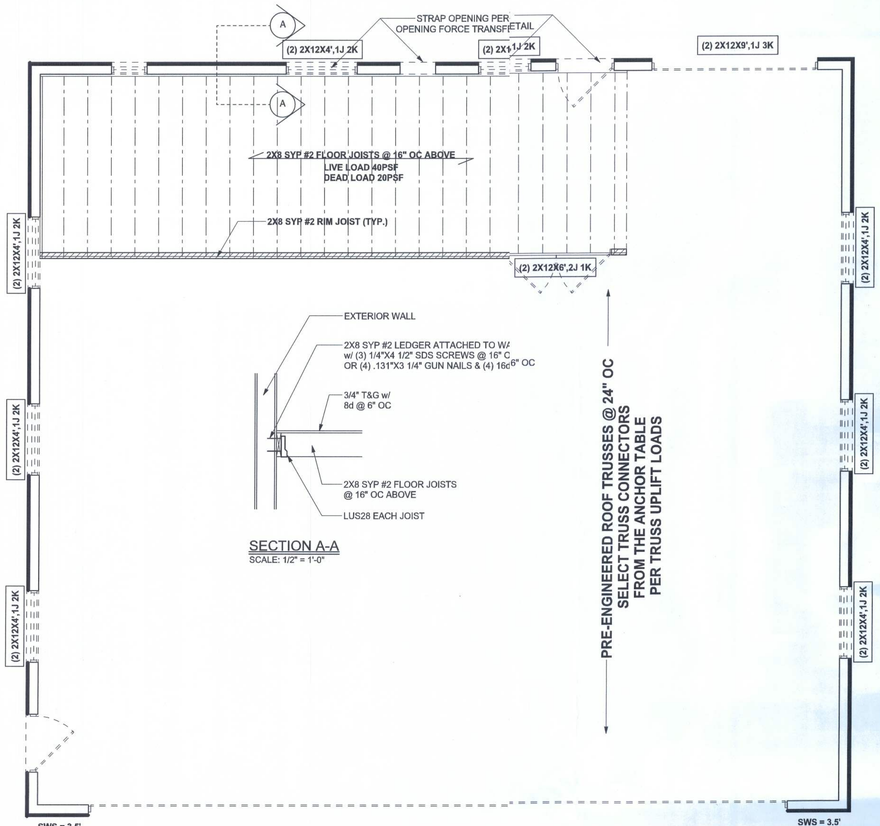


SECTION A-A
SCALE: 1/2" = 1'-0"

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

STRUCTURAL PLAN NOTES

SN-1 ALL LOAD BEARING FRAME WALL & POR… ORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP #2 … #2 (U.N.O.)

SN-2 ALL LOAD BEARING FRAME WALL HEADE… SHALL HAVE (1) JACK STUD & (1) KING S… ADERS EACH SIDE (U.N.O.) … STUD

SN-3 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTU… FLOOR PLAN FOR ACTUAL DIMENSIONS … CTURAL …NS

SN-4 PERMANENT TRUSS BRACING IS TO BE I… LOCATIONS AS SHOWN ON THE SEALED … IE INSTALLED AT LATERAL BRACING IS TO BE RESTRAINE… ED TRUSS DRAWINGS. BCSI-B1, BCSI-B2, & BCSI-B3, BCSI-B1, … NED PER BCSI1-03. ARE FURNISHED BY THE TRUSS SUPPLIE… BCSI-B2, & BCSI-B3 TRUSS PACKAGE … PLIER, WITH THE SEALED

WALL LEGEND

	EXTERIO… …RIOR WALL
	INTERIOR … …IOR NON-LOAD BEARING WALL
	INTERIOR … …IOR LOAD BEARING WALL w/ NO UPLIFT
	INTERIOR … …IOR LOAD BEARING WALL w/ UPLIFT

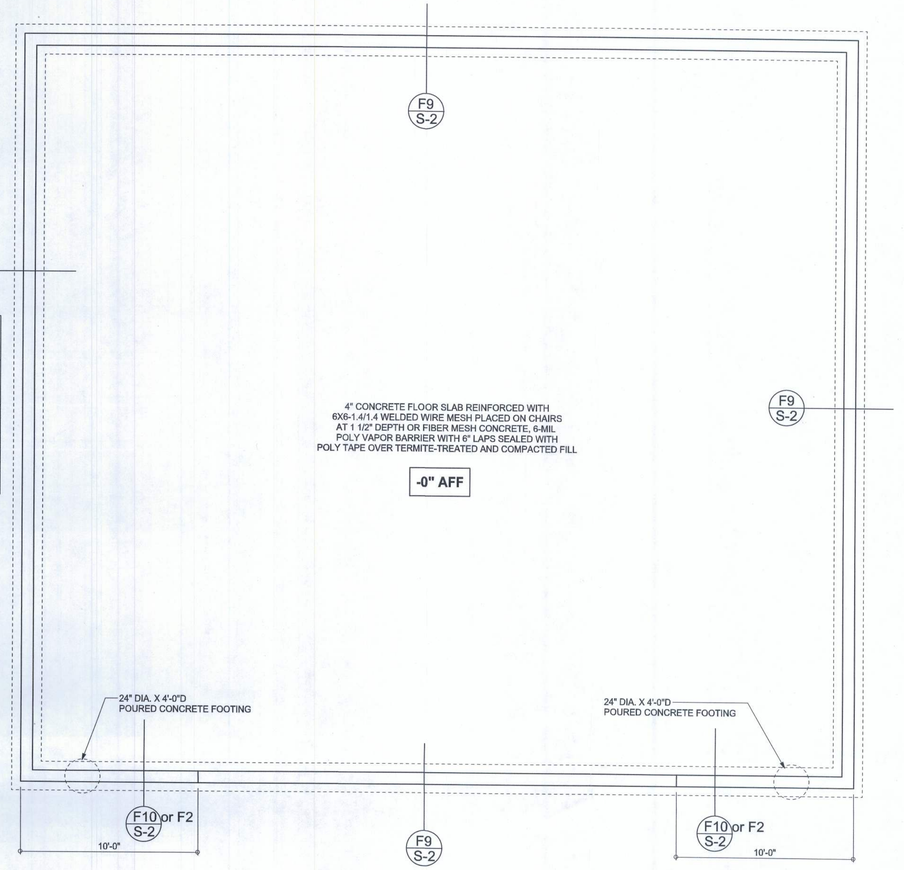
HEADER LEGEND

(2) 2X12X0',1J 1K ← HEADER/BEAM CALL-OU… …L-OUT (U.N.O.)
- NUMBER OF KING STUDS (FU…
- NUMBER OF JACK STUDS (UN… (FULL LENGTH) (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PLIES IN HEADE… …L …DER

TOTAL SHEAR WALL S… SEGMENTS

INDICATES SHEAR W… …R WALL SEGMENTS

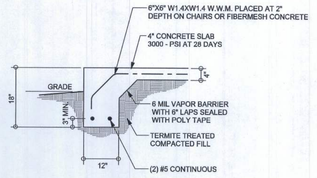
	REQUIRED	…ED	ACTUAL
TRANSVERSE	36.3'		37.5'
LONGITUDINAL	35.6'		51.5'



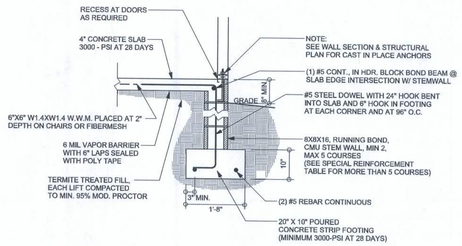
FOUNDATION PLAN

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

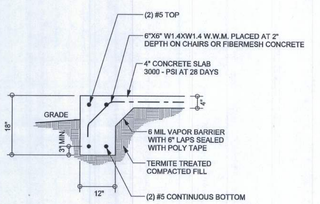
DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS



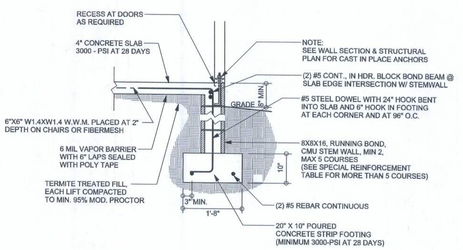
F1 S-2 MONOLITHIC FOOTING (OPTIONAL)
SCALE: 1/2" = 1'-0"



F9 S-2 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



F2 S-2 MONOLITHIC FOOTING @ HANGAR DOOR WALL
SCALE: 1/2" = 1'-0"

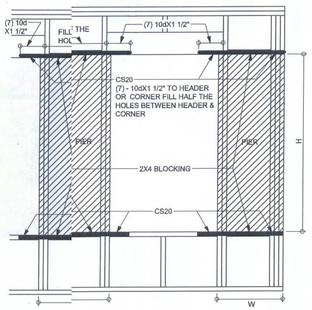


F10 S-2 STEM WALL FOOTING @ HANGAR DOOR WALL
SCALE: 1/2" = 1'-0"

MASONRY NOTES:

MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/TMS 602). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1-02 AND THESE DESIGN DRAWINGS. ANY EXCEPTIONS TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.

	ACI530.1-02 Section	Specific Requirements
1.4A	Compressive strength	8" block bearing walls F'm = 1500 psi
2.1	Mortar	ASTM C 270, Type N, UNO
2.2	Grout	ASTM C 476, admixtures require approval
2.3	CMU standard	ASTM C 90-02, Normal weight, Hollow, medium surface finish, 8"x8"x16" running bond and 12"x12" or 16"x16" column block
2.3	Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, 5.5"x2.75"x11.5"
2.4	Reinforcing bars, #3 - #11	ASTM 615, Grade 60, Fy = 60 ksi, Lap splices min 48 bar dia. (30" for #5)
2.4F	Coating for corrosion protection	Anchors, sheet metal ties completely embedded in mortar or grout, ASTM A525, Class G60, 0.60 oz/ft2 or 304SS
2.4F	Coating for corrosion protection	Joint reinforcement in walls exposed to moisture or wire ties, anchors, sheet metal ties not completely embedded in mortar or grout, ASTM A153, Class B2, 1.50 oz/ft2 or 304SS
3.3.E.2	Pipes, conduits, and accessories	Any not shown on the project drawings require engineering approval.
3.3.E.7	Movement joints	Contractor assumes responsibility for type and location of movement joints if not detailed on project drawings.



NOTE:
THIS DETAIL IS INTE… TO BE USED ONLY FOR NARROW SHEARWALL SEGMENTS AS SPECIFIED ON THE… THE PIER BESIDE THE OPENING MUST MEET THE ASPECT RATIO REQUIREMENT H/W… WHERE H IS THE PIER HEIGHT. FOR WINDOWS NOT GREATER THAN 2' HIGHT OR… E THE WIDTH OF THE OPENING MAY BE INCLUDED AS FULL HEIGHT SHEARWALL IN AD… TO THE PIER WIDTH WHEN STRAPPED ACCORDING TO THIS DETAIL.

OPENING… RCE TRANSFER

WOOD FRAME

TALL STEM WALL TABLE

The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" in reinforced slab at the top. The vertical steel is to be placed toward the tension side (d/4" into the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If side of the is over 8' high, add Durowall ladder reinforcement at 16"OC vertically or a horizontal), if the wall beam with 1#5 continuous at mid height. For higher parts of the wall 12" CMU may fontal bond with reinforcement as shown in the table below. …nay be used

STEMWALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEMWALL (INCHES O.C.)			VERTICAL … FOR 12" … ICAL REINFORCEMENT (IN… 12" CMU STEMWALL (INCHES O.C.)	
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48

REVISIONS	
21Oct10	

SOFTPLAN ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER:
Mark Disoway, PE
No.53915, POB 868, Lake City, FL 32056,
386-754419

DIMENSIONS:
Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disoway, P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examine this plan, and that the applicable portions f the plan, relating to wind engineering comply with section R301.2.1 florida building code residendl 2007, and 2009 supplements to the bst of my knowledge.

LIMITATION: This design is valid for one building,4 specified location.

MARK DISOWAY, P.E. (53915)
No 53915
STATE OF FLORIDA
SEAL
PROFESSIONAL ENGINEER

Egley Construction

Dnald R. Houston

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PRINTED DATE:
December 22, 2010

DRAWN BY:	STRUCTURAL BY:
David Disosway	David Disosway

FINAL DATE:
22Dec10

JOB NUMBER:
1012037

DRAWING NUMBER
S-2
OF 4 SHEETS