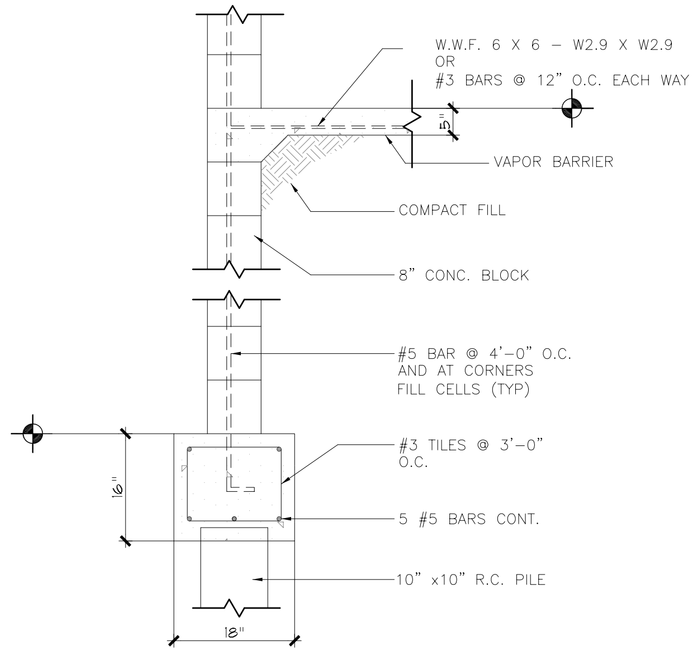
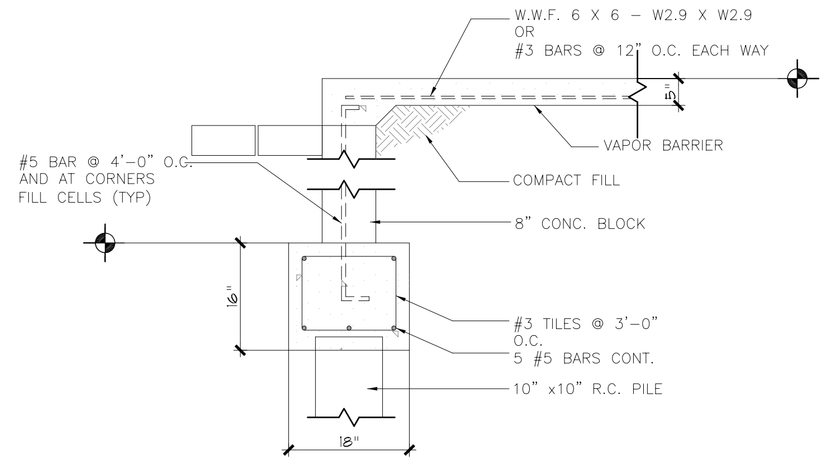


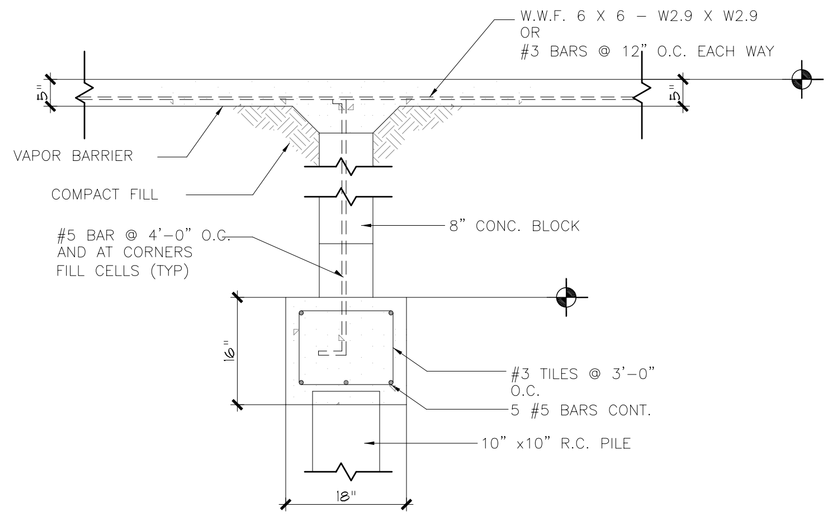
Section A

SCALE: 3/4"=1'-0"



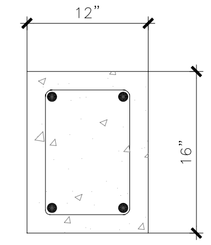
Section B

SCALE: 3/4"=1'-0"



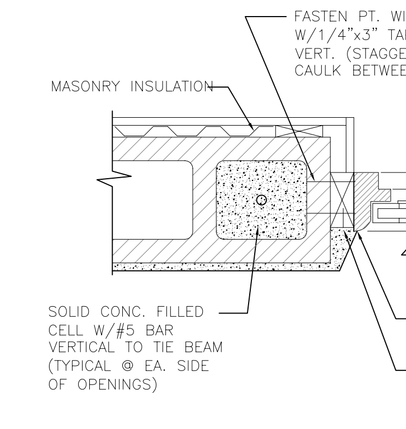
Section C

SCALE: 3/4"=1'-0"



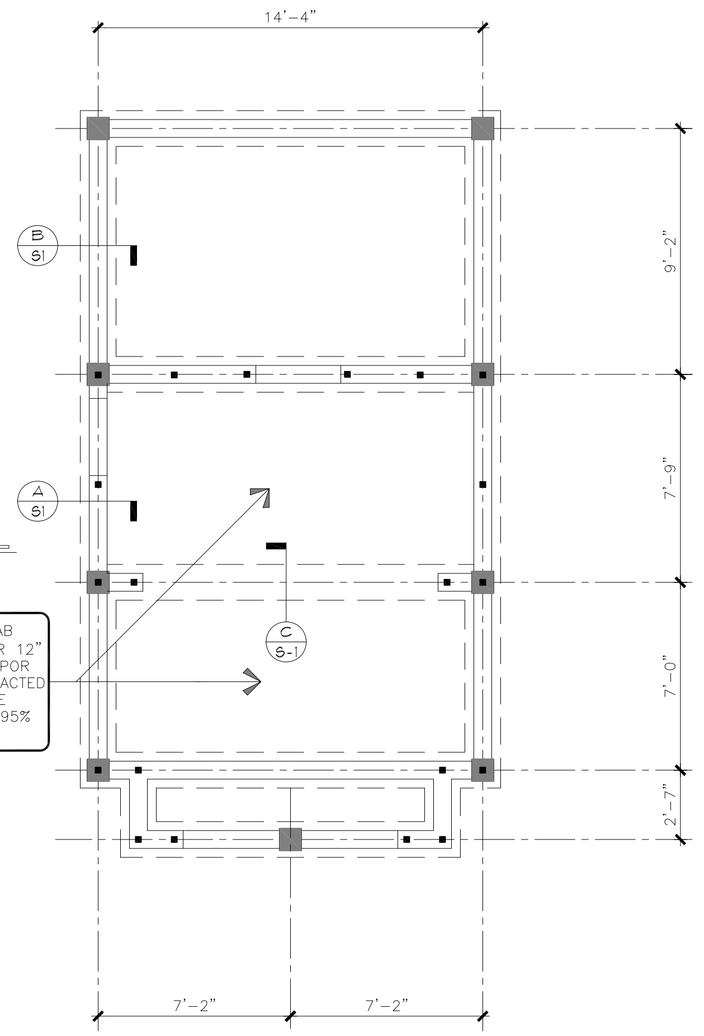
4- #5'S VERT.
#3@12" TIES

C1



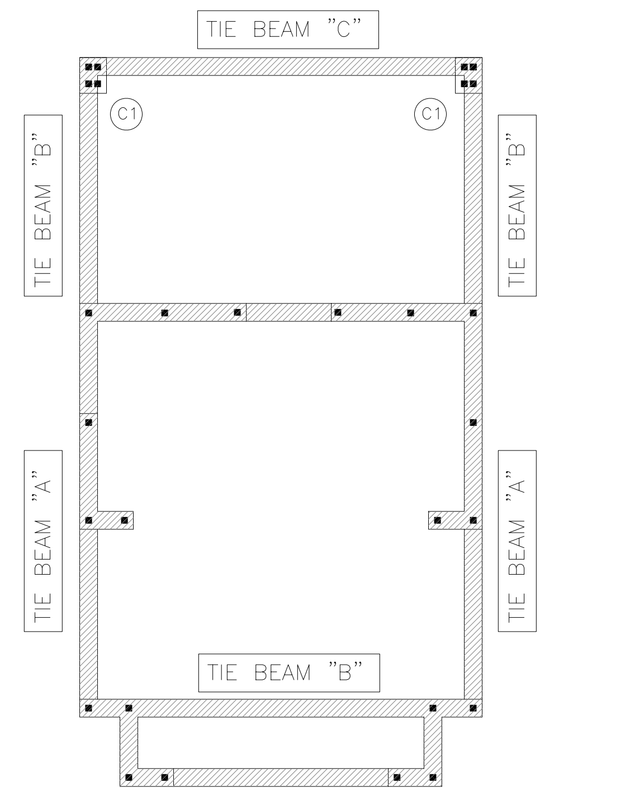
TYPICAL WINDOW INSTALLATION DETAIL

SCALE: 1 1/2" = 1'-0" (IN MASONRY OPENING)



Foundation Plan

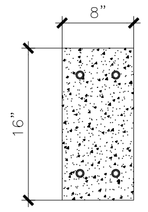
SCALE: 3/16"=1'-0"



Tie Beam Plan

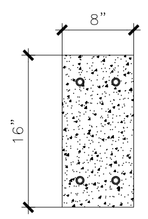
SCALE: 3/16"=1'-0"

TIE BEAM "A"



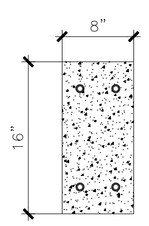
TYPICAL 8" X 16" TIE BEAM W/ TWO # 5 REBAR @ TOP AND TWO # 5 REBAR ON BOTTOM CONTINUOUS

TIE BEAM "B"



8" X 16" TIE BEAM W/ TWO # 5 REBAR @ TOP AND TWO # 5 REBAR ON BOTTOM CONTINUOUS W/# 3 STIRRUPS 7" O.C. CONTINUOUS

TIE BEAM "C"



8" X 16" TIE BEAM W/ TWO # 5 REBAR @ TOP AND TWO # 7 REBAR ON BOTTOM CONTINUOUS W/ # 3 STIRRUPS 7" O.C. CONTINUOUS

1. DIMENSIONS SHOWN ARE TO CENTERS OF PILES AND CAPS AND ARE NOT BUILDING DIMENSIONS, SEE ALSO ARCH DIM SHEETS.
2. ■ INDICATES 10"X10" CONCRETE PILE
3. SEE ARCHITECTURAL DRAWINGS FOR ALL PLUMBING FIXTURE LOCATIONS
4. ALL PILES SHALL HAVE A MINIMUM BEARING CAPACITY OF 17,000 P.S.I. GENERAL CONTRACTOR AND OWNER TO VERIFY WITH SOIL BORING TESTING RESUTS FROM OTHER ENGINEERING FIRM OR CERTIFIED AGENCY.

PILE NOTES:

–PILES SHALL BE REINFORCED 10" X10" PRECAST, f'c=5,000 PSI. PILE CAPACITY SHALL BE 17 TON CAPACITY MIN. CONTRACTOR TO DETERMINE DEPTH AND CUT – OFF ELEVATION.
–CONTRACTOR SHALL RETAIN A SOILS ENGINEER TO VERIFY CAPACITY. COORDINATE GRADE BEAM ELEVATIONS WITH ARCH DRAWINGS PRIOR TO CONSTRUCTION.
–PROVIDE TENSION PILES AT POOL AREA.

FLORIDA BUILDING CODE 2004

DESIGN PRESSURES

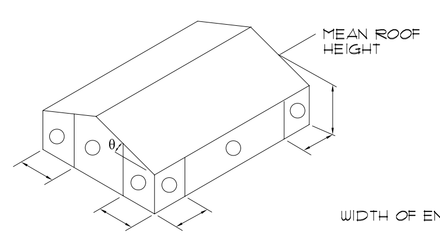
BUILDING INFORMATION

WIND VELOCITY (MPH): 140
IMPORTANCE FACTOR: 1.0
EXPOSURE CATEGORY: B
DIRECTIONALITY FACTOR (Kd): .
INTERNAL PRESSURE COEFFICIENT: (+/-): 0.18
MEAN ROOF (ft): 21
BUILDING WIDTH (ft): 15
BUILDING LENGTH (ft): 27
ROOF SLOPE (x:12): 10

JOB NUMBER: 08-130
COMPANY NAME: J.C.K.
PREPARED BY: J.P.
DATE: 06-20-08
CLIENT NAME: MCH

CALCULATION TYPES: WALL OPENINGS

Opening Mark	Opening Desc.	Location Zone	Opening Elev. (ft)	Opening Width (in.)	Opening Height (in.)	Max + Pres. (psf)	Max – Pres. (psf)
	SL. GL. DOOR	5		72	120	31.1	–39.0
	SL. GL. DOOR	5		72	120	31.1	–39.0
	WINDOW	5		20	20	35.2	–47.2
	WINDOW	5		20	20	35.2	–47.2
	WINDOW	5		20	20	35.2	–47.2
	WINDOW	5		20	20	35.2	–47.2
	WINDOW	5		20	20	35.2	–47.2
	WINDOW	5		20	20	35.2	–47.2
	BATH WINDOW	5		20	32	35.2	–47.2
	DOOR	5		36	96	33.2	–43.2
	WINDOW	5		92	102	30.9	–38.6



Note:

THE ENGINEER HAS CONSIDERED AND COORDINATED THE ROOF TRUSS LAYOUT PER JOB# & DATED: INTO THE STRUCTURAL DESIGN, ANCHOR ALL TRUSSES AS RECOMMENDED.
THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH CHAPTER 16 OF THE 2004 FLORIDA BUILDING CODE INCLUDE THE 2006 AMENDMENTS AND FOR DEAD AND LIVE LOADS PER REQUIREMENTS OF ASCE 7-98 AND DESIGN PRESURES GENERATED BY A WIND VELOCITY OF 165 M.PH.

■ – INDICATES FILLED CELL W/ 1 # 5 REBAR CONT. FROM FTG. TO TIE BEAM

Foundation Plan
1/4"=1'-0"

REVISIONS

THIS PLAN HAS BEEN REVIEWED, ENGINEERED AND SUPERVISED BY:
J.C. KOSINSKI ENGINEERING, INC.
JOSEPH C. KOSINSKI, PE
5536 PALMETTO STREET
FORT MYERS BEACH, FLORIDA. 33931
(239) 463-1704 (239) 463-2780

GUARD HOUSE

BAREFOOT BEACH
NAPLES

drawn by MDG
checked by JCK
date 8-8-08
scale ASNOTED
job no. 08-093

SHEET NO.

S-1

SEAL

THIS STRUCTURE MEETS ALL REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE INCLUDING SECTION 1606