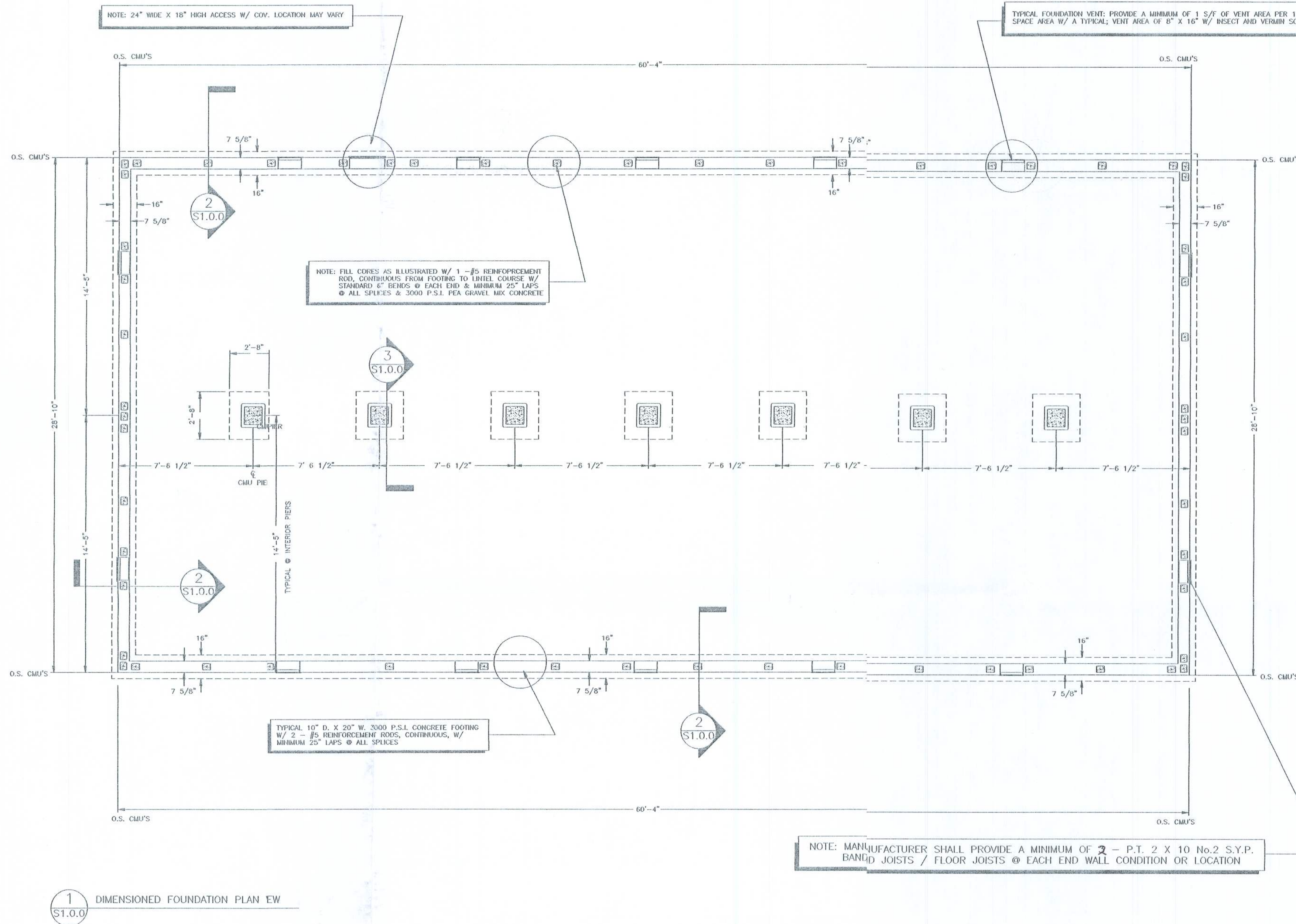


NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING S&C AND ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTEGRITY OF THIS PROJECT.

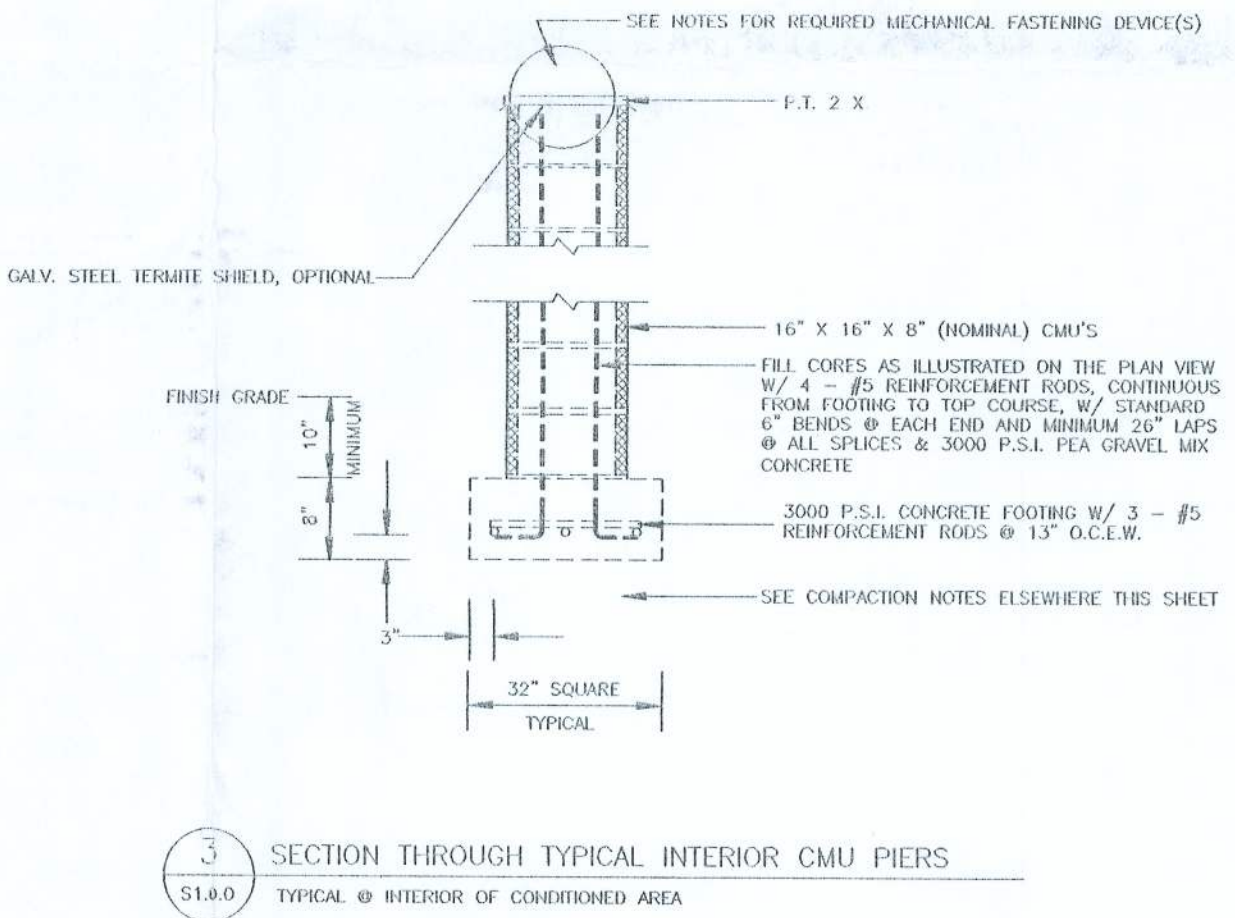
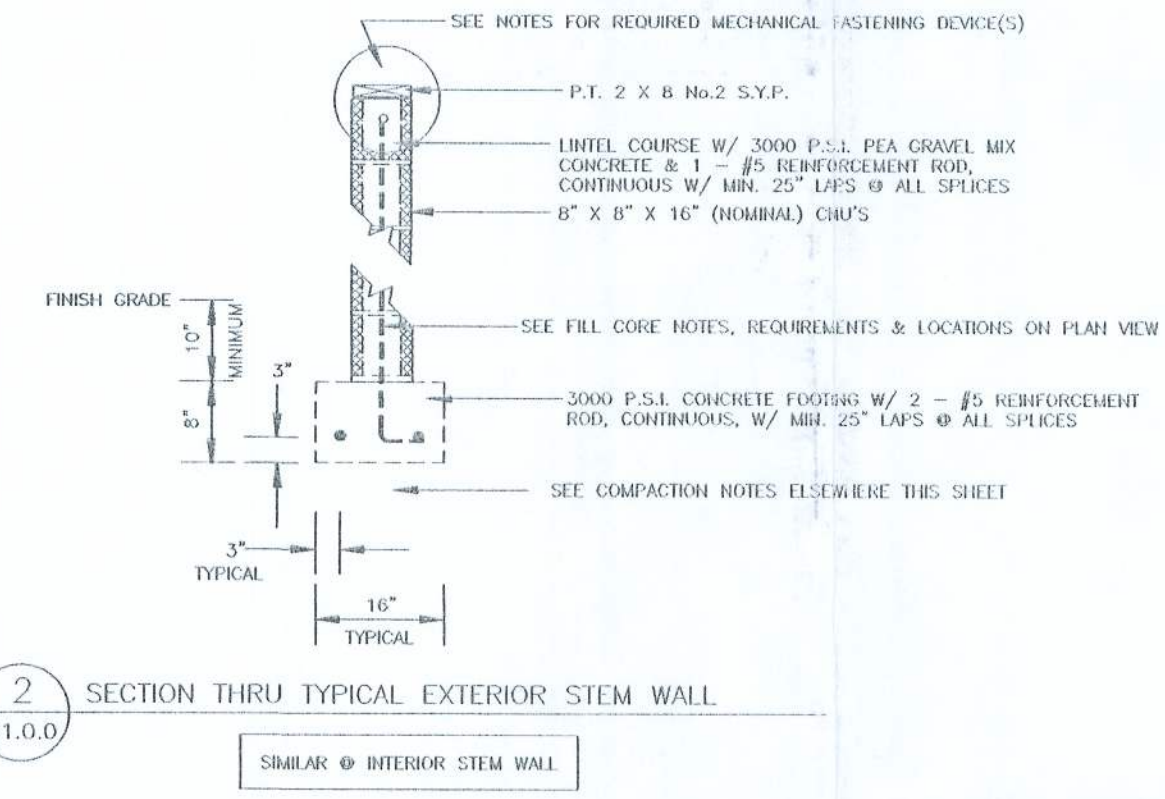
NOTE: CONTRACTOR SHALL PROVIDE A MINIMUM OF "TWO" SPACE VENTILATION AS ILLUSTRATED ON THE PLAN VIEW ELSEWHERE THIS SHEET ALONG THE PERIMETER 8" CMU WALL, TYPED W/ INSECT & VERMIN PROOF SCREENING. THE CONTRACTOR SHALL PROVIDE A MINIMUM ACCESS OF 18" W. X 24" H. LOCATED @ THE DIRECTION OF ORDER IN THE 8"X16" (NOM.) CMU PERIMETER WALL.

SCALE NOTE:
PLAN VIEWS: 1/4" = 1'-0"



FOUNDATION NOTES, REQUIREMENTS & INSTRUCTIONS

MASONRY UNITS	ALL MASONRY UNITS DESCRIBED AS 8" X 8" X 16" CMU'S SHALL BE HOLLOW CONCRETE UNITS IN ACCORDANCE W/ ASTM C 90 OR C 145 AND SHALL HAVE A MINIMUM NET COMPRESSIVE STRENGTH OF 1000 P.S.I.
MORTAR	ALL MORTAR SHALL BE EITHER TYPE M OR S IN ACCORDANCE W/ ASTM C 270. ALL JOINTS SHALL HAVE A MINIMUM CONC. AGGREGATE SIZE OF 3/8" PLACED IN AN 8 TO 11 INCH SLUMP AND HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 P.S.I. @ 28 DAYS WHEN TESTED IN ACCORDANCE W/ ASTM C 1010, OR SHALL BE IN ACCORDANCE W/ ASTM C 476. ALL CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 P.S.I. @ 28 DAYS. ALL MORTAR JOINTS FOR HOLLOW UNIT MASONRY SHALL EXCEED THE FULL WIDTH OF FACE SHELLS. ALL BED JOINTS SHALL BE 3/8" INCH THICK. HEAD JOINTS SHALL BE 3/8" INCH THICK. THE BED JOINT OF THE STARTING COURSE PLACED OVER FOOTINGS SHALL BE PERMITTED TO VARY IN THICKNESS FROM A MINIMUM OF 1/4" TO A MAXIMUM OF 3/4".
REINFORCING STEEL	REINFORCING STEEL SHALL BE #5 UNLESS OTHERWISE NOTED. ALL REINFORCING STEEL SHALL BE A MINIMUM OF GRADE 40 AND IDENTIFIED IN ACCORDANCE W/ ASTM A 615, A 616, A 617, OR A 706. SPICES SHALL BE LAP SPICES W/ A MINIMUM LAP OF 25" FOR #5 REINFORCEMENT BARS. FOR MINIMUM COVER OVER REINFORCEMENT - SEE DETAILS & LOCATIONS THIS SHEET. ALL REINFORCEMENT IN CMU'S IS TO EXTEND A MINIMUM OF 6" INTO ALL FOOTINGS W/ A STANDARD BEND OF 6".
METAL ACCESSORIES	ALL JOINT REINFORCEMENT & ANCHOR THIS SHALL CONFORM TO ASTM A 82, ASTM A 36, & ASTM A 368 AS REQUIRED. LONGITUDINAL WELDS OF JOINT REINFORCEMENT SHALL BE FULLY ENCASED IN MORTAR OR GROUT WITH A MINIMUM COVER OF 5/8" INCH WHEN EXPOSED TO EARTH OR WEATHER, AND A MINIMUM OF 1/2" INCH WHEN NOT EXPOSED TO EARTH OR WEATHER. METAL ACCESSORIES USED IN EXTERIOR WALL CONSTRUCTION (NOT DIRECTLY EXPOSED TO WEATHER) SHALL BE GALVANIZED IN ACCORDANCE W/ ASTM A 153, CLASS B-2. METAL ACCESSORIES FOR USE IN INTERIOR WALL CONSTRUCTION SHALL BE MILL GALVANIZED IN ACCORDANCE W/ ASTM A 641, CLASS 1.
FILL COMPACTION	PRIOR TO GRADING OPERATIONS ALL SOIL, ORGANIC LITTER AND FILL SHALL BE STRIPPED FROM THE BUILDING AREA. CONSTRUCTION SHALL NOT BE LESS THAN 90% OF THE STANDARD PROCTOR DENSITY. ALL FILL MATERIAL SHALL BE BROKEN UP W/ NOT MORE THAN 30% BY WEIGHT FINER THAN No. 200 U.S. STANDARD SIEVE CONFORMING TO THE FOLLOWING: A. LIQUID LIMIT, LL - 20 MAXIMUM B. ELASTICITY, LW - 15, MAXIMUM C. DRY UNIT WEIGHT - 100 LBS. PER CU. FT. ALL FILL MATERIAL SHALL BE UNIFORMLY PLACED AT OPTIMUM MOISTURE CONTENT IN 6 INCH UNIFORM LAYERS AND COMPACTED TO A DENSITY OF 90% OF THE STANDARD PROCTOR AND IN ACCORDANCE W/ ASTM D 698. FOOTINGS EXCAVATIONS SHALL BE INSPECTED BEFORE PLACING ANY CONCRETE TO ENSURE THAT FOOTINGS SHALL REST ON SOUND EARTH. ALL SUB GRADES MUST BE LEVEL, SMOOTH AND THOROUGHLY COMPACTED. SUB GRADE MUST BE ACCURATE WITHIN 1/4" INCH OF THE DESIGNATED LEVEL. ANY FILL WHICH IS TO BECOME BACK FILL ON BOTH SIDES SHALL HAVE THE BACK FILL PLACED SIMULTANEOUSLY ON BOTH SIDES IN EVEN LAYERS AS PREVIOUSLY DESCRIBED SO AS NOT TO APPLY UNEVEN LOADS.
GENERAL	FOOTINGS SHALL BE LEVEL OR STEPPED AS INDICATED ON THE PLAN VIEWS & DETAILS ELSEWHERE THIS SHEET. 200L WASTE PIPES OR HAVING DRAIN PIPING SHALL BE PROVIDED OR THROUGH A FOOTING OR SHALL BE PROVIDED W/ A RELIEFING ARCH OR AN IRON PIPE SLEEVE. A MINIMUM OF TWO PIPE SIZES GREATER THAN THE PIPE PASSING THROUGH. STEM WALLS SHALL EXCEED NO GREATER THAN 3 FEET ABOVE THE FINISH GRADE AND CONSTRUCTED WITH THE PREVIOUSLY DESCRIBED MASONRY UNITS. ALL STATE & LOCAL CODES SHALL BE COMPLIED WITH BY THE CONTRACTOR. 1,000 P.S.F. SOIL BEARING PRESSURE SHALL BE OBTAINED UNDER ALL FOOTINGS & SLABS.



SCHEDULE OF REQUIRED FOUNDATION SYSTEM MECHANICAL FASTENERS		
FOUNDATION PIERS & STEMS	PERIMETER	LOCATION OF EXTERIOR CMU STEM WALL - SEE PLAN VIEWS 1 - MODEL No. HET20 BY SIMPSON STRONG-TIE OR EQUAL SHALL BE INSTALLED ALONG THE PERIMETER OF FOUNDATION & SHALL BE INSTALLED @ ALL CORNERS, 16" FROM ALL CORNERS & NO GREATER THAN 48" O.C. ATTACH TO BAND BEAM SIDE AND MULTIPLE STUDS (AT THIS LOCATION) WITH 16 - 10d X 1 1/2" NAILS.
	INTERIOR	LOCATION OF INTERIOR CMU PIERS - SEE PLAN VIEWS 1 - MODEL No. HET20 BY SIMPSON STRONG-TIE OR EQUAL SHALL BE INSTALLED @ EACH INTERIOR CMU PIER ATTACH TO BAND BEAM SIDE AND MULTIPLE STUDS (ALONG THE LENGTH OF STEM WALL) WITH 16 - 10d X 1 1/2" NAILS.
NOTES: SEE ALSO FOUNDATION NOTES & REQUIREMENTS		

NOTE: SEE PLANS BY JACOBSEN HOMES OF SAFETY HARBOR, FLORIDA, 600 PARKWAY COURT, 34695
MODEL No. MCL-4566-257
THE PRESCRIPTIVE REQUIREMENTS DETAILED BY THE ENGINEER ARE SPECIFIC TO THE CONDITIONS FOR THIS SITE AND DRILLING, USE OF STRUCTURAL ELEMENTS, MECHANICAL FASTENING DEVICES AND OTHER MEANS AND/OR REQUIRED TECHNIQUES NOTED AND DETAILED IN THESE PLANS FOR ALTERNATE BUILDING SITES OR CONDITIONS WILL NOT PROVIDE COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE.
ADDITIONAL STRUCTURAL REQUIREMENTS AND OTHER REGULATORY CODE OR STATUTE COMPLIANCE IS NOT ADDRESSED BY THE ENGINEER AND IS THE RESPONSIBILITY OF OTHERS.

CERTIFICATION:

THESE FOUNDATION PLANS FOR THE MODEL No. MCL-4566-257 WILL COMPLY WITH SECTION 1600 OF THE 2004 FLORIDA BUILDING CODE FOR A 110 MPH WIND LOAD, THE FOUNDATION DESIGN IS FOR THE PERIMETER AND INTERIOR 8" CMU ONLY.

Curtis E. Keen 02/15/07
CURTIS E. KEEN, PE #23836