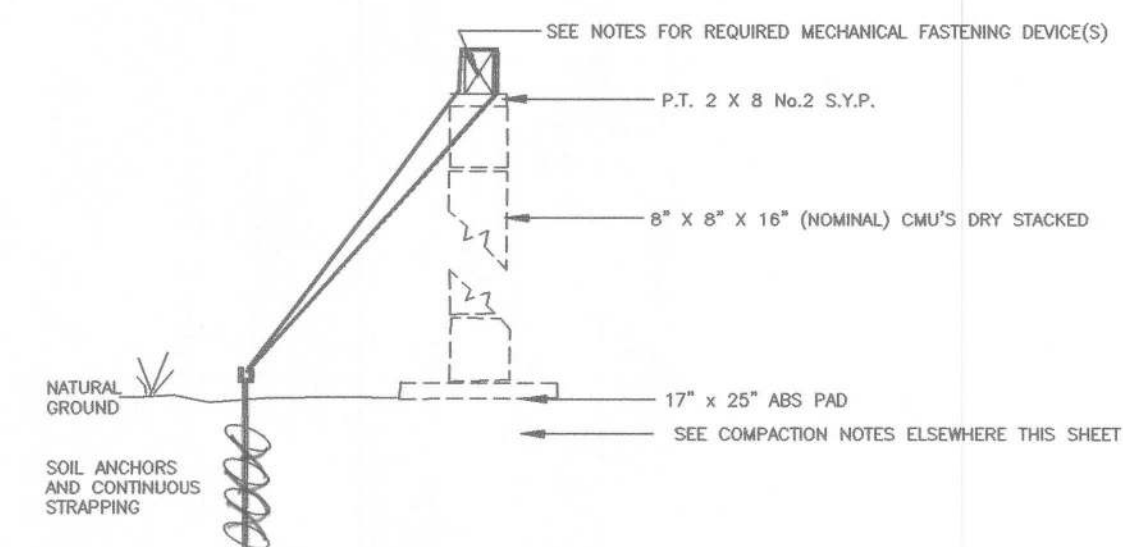
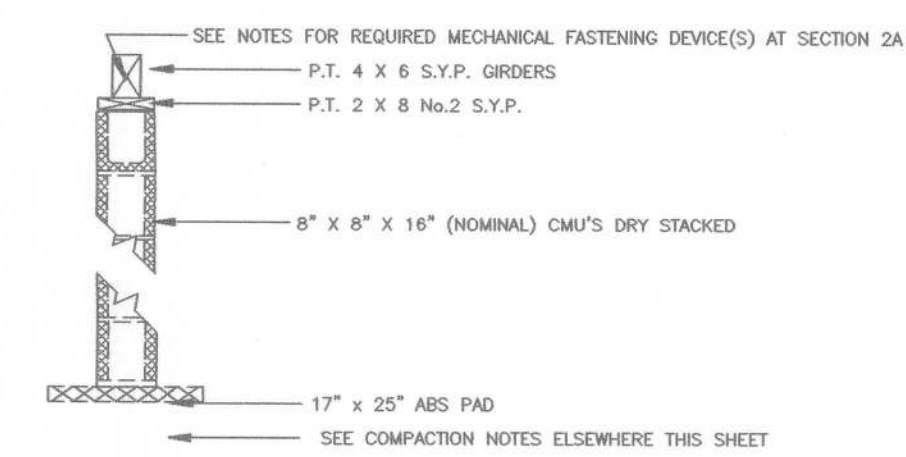


SCALE NOTE:
PLANVIEW(S): 1/4" = 1'-0"
SECTIONS & DETAILS: N.T.S.



2A SECTION THRU TYPICAL PIER PAD
S1.0.0 SCALE: N.T.S.



2 SECTION THRU TYPICAL PIER PAD
S1.0.0 SCALE: N.T.S.

FOUNDATION NOTES, REQUIREMENTS & INSTRUCTIONS

ALL MASONRY UNITS DESCRIBED AS "8 X 8" AT 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 1900 P.S.I.

MORTAR JOINTS FOR EXTERIOR STEM WALLS SHALL BE RUNNING BOND CONSTRUCTION.

MORTAR

ALL MORTAR SHALL BE EITHER TYPE M OR S IN ACCORDANCE W/ ASTM C 270.

FOR EXTERIOR GRASS, HAVE A MINIMUM COMPRESSION AGGREGATE OF 1/2" MAXIMUM SIZE 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 1019, OR SHALL BE IN ACCORDANCE W/ ASTM C 476.

CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 P.S.I @ 28 DAYS.

ALL MORTAR JOINTS FOR INTERIOR MURTY MASONRY SHALL EXTEND THE FULL WIDTH OF FACE SLABS.

JOINTS SHALL BE 3/8" THICK. THESE JOINTS SHALL BE 1/8" FROM THE BOTTOM OF THE 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

ALL REINFORCING STEEL SHALL BE A MINIMUM OF #4 AND IDENTIFIED IN ACCORDANCE W/ ASTM A 615, A 616, A 617, OR A 706.

STEEL SHALL BE LAP LAPPED WITH A MINIMUM OF 12 BAR SPACING.

FOR FURNISH COVER OVER FOOTING REINFORCEMENT - SEE DETAILS & SECTION THIS SHEET

FOR FURNISH COVER TO CMU'S TO GO INTO A MORTAR JOINT TO MEET A STANDARD BED OF "

METAL ACCESSORIES

ALL JOINT REINFORCEMENT & ANCHOR TIE SHALL CONFORM TO ASTM A 82, ASTM A 36, & ASTM A 366 AS REQUIRED.

ANCHORS SHALL BE GALVANIZED IN ACCORDANCE W/ ASTM A 153, CLASS D-2.

AND A MINIMUM OF 1/2" WHEN NOT EXPOSED TO EARTH OR WEATHER.

ANCHORS SHALL BE GALVANIZED IN ACCORDANCE W/ ASTM A 153, CLASS D-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 LOESS FILL SHALL BE STRIPPED FROM THE BUILDING AREA.

ALL FILL MATERIAL SHALL NOT LESS THAN 6% OF STANDARD PROCTOR TEST RESULTS.

ALL FILL MATERIAL SHALL BE INORGANIC W/ NOT MORE THAN 30% BY WEIGHT FINER THAN NO. 200 U.S. STANDARD SIEVE CONFORMING TO THE FOLLOWING:

a. R. ELASTICITY, LW = 15, MAXIMUM.

c. DRY UNIT WEIGHT = 100 LBS. PER CU. FT.

ALL FILL MATERIAL SHALL BE UNIFORMELY PLACED AT OPTIMUM MOISTURE CONTENT IN 6 INCH UNIFORM LAYERS AND COMPACTED TO A DENSITY OF 98% OF THE STANDARD PROCTER IN ACCORDANCE W/ ASTM C 93.

FOOTINGS EXCAVATIONS SHALL BE INSPECTED BEFORE PLACING ANY CONCRETE TO DISCLOSE THAT FOOTINGS SHALL REST ON SOUND EARTH.

IF SOIL CONDITIONS MEET LEVELS, SHOOTY AND SANDY ARE ENCOUNTERED, THE DESIGNED LEVELS SHALL BE MAINTAINED.

ANY WALL WHICH IS TO RECEIVE BACK FILL ON BOTH SIDES SHALL BE BACK FILL PLACED SIMULTANEOUSLY ON BOTH SIDES IN EVEN LAYERS AS PREVIOUSLY DESCRIBED SO AS TO PREVENT SETTLEMENT.

GENERAL

FOOTINGS SHALL BE LEVEL OR GRADDED AS INDICATED ON THE PLAN VIEWS & DETAILED ELSEWHERE THIS SHEET

SOIL, WASTE PIPES OR BURIED DRAINS PASSING UNDER A FOOTING OR THROUGH A FOUNDATION STEM WALL SHALL BE PROVIDED W/ A RELIEF ARCH OR AN IRON PIPE SLEEVE MINIMUM TWO FEET LONG AND TWO FEET DIAMETER THROUGHOUT.

STEM WALLS SHALL NOT EXCEED OR GREATER THAN 3 FEET ABOVE THE FINISH GRADE AND CONSTRUCTED WITH THE PREVIOUSLY DESCRIBED MASONRY UNITS.

ALL PARTS & LOCAL CODES SHALL BE OBSERVED.

1,000 P.S.F. SOIL BEARING PRESSURE SHALL BE OBTAINED UNDER ALL FOOTINGS & SLABS.

THE PRESCRIPTIVE REQUIREMENTS DETAILED BY THE ENGINEER ARE SPECIFIC TO THE CONDITIONS FOR THIS SITE AND DUE TO THE USE OF STRUCTURAL ELEMENTS, MECHANICAL FASTENING DEVICES AND OTHER MEANS AND/OR REQUIRED TECHNIQUES NOTED AND DETAILED IN THIS PLAN FOR ULTIMATE BUILDING SITES OR CONDITIONS WILL NOT PROVIDE COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE.

ADDITIONAL STRUCTURAL REQUIREMENTS AND OTHER REGULATORY, CORE OR STATUTE COMPLIANCE IS NOT ADDRESSED BY THE ENGINEER AND IS THE RESPONSIBILITY OF OTHERS.

THIS FOUNDATION PLAN FOR THE JEFFERY CREAMER ADDITION WILL COMPLY WITH SECTION 1600 OF THE 2004 FLORIDA BUILDING CODE, FOR A 110 MPH WIND LOAD, 3 SECOND GUST, EXPOSURE B, WITH THE INTERNAL PRESSURE OF + 0.18 AND - 0.18 INCLUDED IN THESE LOADS. THE FOUNDATION DESIGN IS FOR THE PERIMETER AND INTERIOR PIER PAD LOCATIONS ONLY.

Curtis E. Keen 7/20/07
CURTIS E. KEEN, PE #23836

DIMENSIONED FOUNDATION PLAN VIEW
REFERENCED SECTIONS & DETAILS
MISC. NOTES, REFERENCES & INSTRUCTIONS

DRAWN BY:	DATE
	07/08/07

PROJECT No.	
FEEDBACK No.	
SHEET No.	

KEEN ENGINEERING
& SURVEYING, INC.

JEFFERY CREAMER ADDITION
COLUMBIA COUNTY, FLORIDA

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