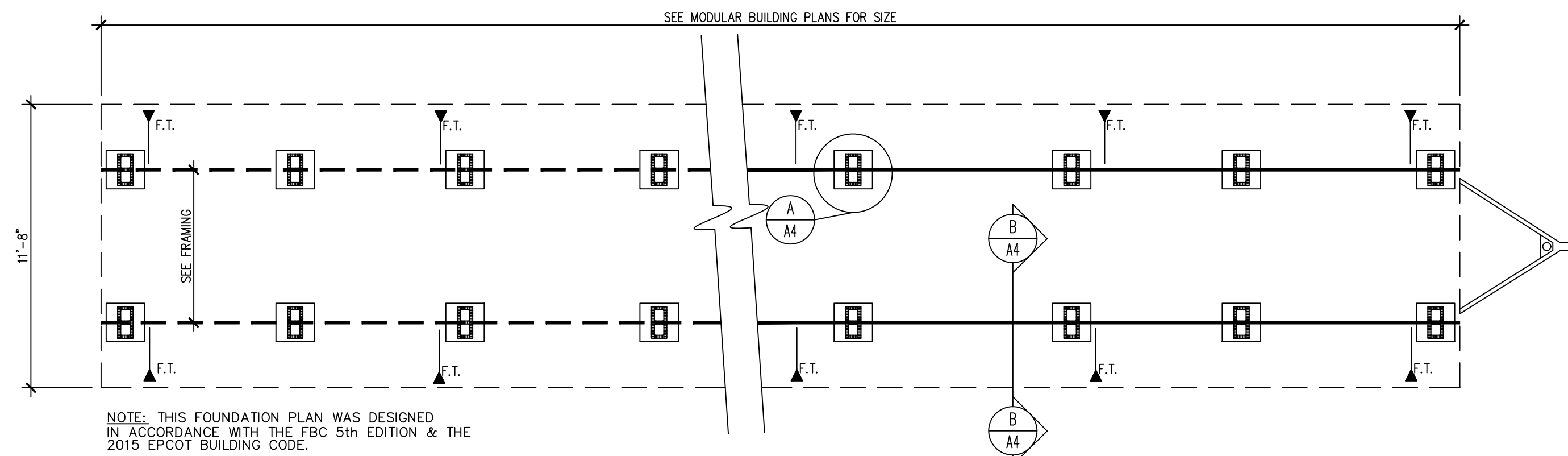


PIER & STRAPPING SCHEDULE						
30'	BOX	6	PIERS	PER	SIDE	
30'	BOX	130	MPH	5	STRAPS	PER SIDE
30'	BOX	140	MPH	4	STRAPS	PER SIDE
30'	BOX	150	MPH	4	STRAPS	PER SIDE
30'	BOX	160	MPH	5	STRAPS	PER SIDE
30'	BOX	170	MPH	6	STRAPS	PER SIDE (HVHZ)
30'	BOX	180	MPH	7	STRAPS	PER SIDE (HVHZ)
40'	BOX	7	PIERS	PER	SIDE	
40'	BOX	130	MPH	5	STRAPS	PER SIDE
40'	BOX	140	MPH	5	STRAPS	PER SIDE
40'	BOX	150	MPH	6	STRAPS	PER SIDE
40'	BOX	160	MPH	6	STRAPS	PER SIDE
40'	BOX	170	MPH	8	STRAPS	PER SIDE (HVHZ)
40'	BOX	180	MPH	8	STRAPS	PER SIDE (HVHZ)
44'	BOX	8	PIERS	PER	SIDE	
44'	BOX	130	MPH	5	STRAPS	PER SIDE
44'	BOX	140	MPH	5	STRAPS	PER SIDE
44'	BOX	150	MPH	6	STRAPS	PER SIDE
44'	BOX	160	MPH	7	STRAPS	PER SIDE
44'	BOX	170	MPH	8	STRAPS	PER SIDE (HVHZ)
44'	BOX	180	MPH	9	STRAPS	PER SIDE (HVHZ)
46'	BOX	8	PIERS	PER	SIDE	
46'	BOX	130	MPH	5	STRAPS	PER SIDE
46'	BOX	140	MPH	5	STRAPS	PER SIDE
46'	BOX	150	MPH	6	STRAPS	PER SIDE
46'	BOX	160	MPH	7	STRAPS	PER SIDE
46'	BOX	170	MPH	8	STRAPS	PER SIDE (HVHZ)
46'	BOX	180	MPH	8	STRAPS	PER SIDE (HVHZ)
52'	BOX	9	PIERS	PER	SIDE	
52'	BOX	130	MPH	5	STRAPS	PER SIDE
52'	BOX	140	MPH	5	STRAPS	PER SIDE
52'	BOX	150	MPH	6	STRAPS	PER SIDE
52'	BOX	160	MPH	6	STRAPS	PER SIDE
52'	BOX	170	MPH	8	STRAPS	PER SIDE (HVHZ)
52'	BOX	180	MPH	9	STRAPS	PER SIDE (HVHZ)
56'	BOX	10	PIERS	PER	SIDE	
56'	BOX	130	MPH	5	STRAPS	PER SIDE
56'	BOX	140	MPH	5	STRAPS	PER SIDE
56'	BOX	150	MPH	6	STRAPS	PER SIDE
56'	BOX	160	MPH	6	STRAPS	PER SIDE
56'	BOX	170	MPH	8	STRAPS	PER SIDE (HVHZ)
56'	BOX	180	MPH	10	STRAPS	PER SIDE (HVHZ)
60'	BOX	10	PIERS	PER	SIDE	
60'	BOX	130	MPH	5	STRAPS	PER SIDE
60'	BOX	140	MPH	7	STRAPS	PER SIDE
60'	BOX	150	MPH	8	STRAPS	PER SIDE
60'	BOX	160	MPH	8	STRAPS	PER SIDE
60'	BOX	170	MPH	10	STRAPS	PER SIDE (HVHZ)
60'	BOX	180	MPH	11	STRAPS	PER SIDE (HVHZ)



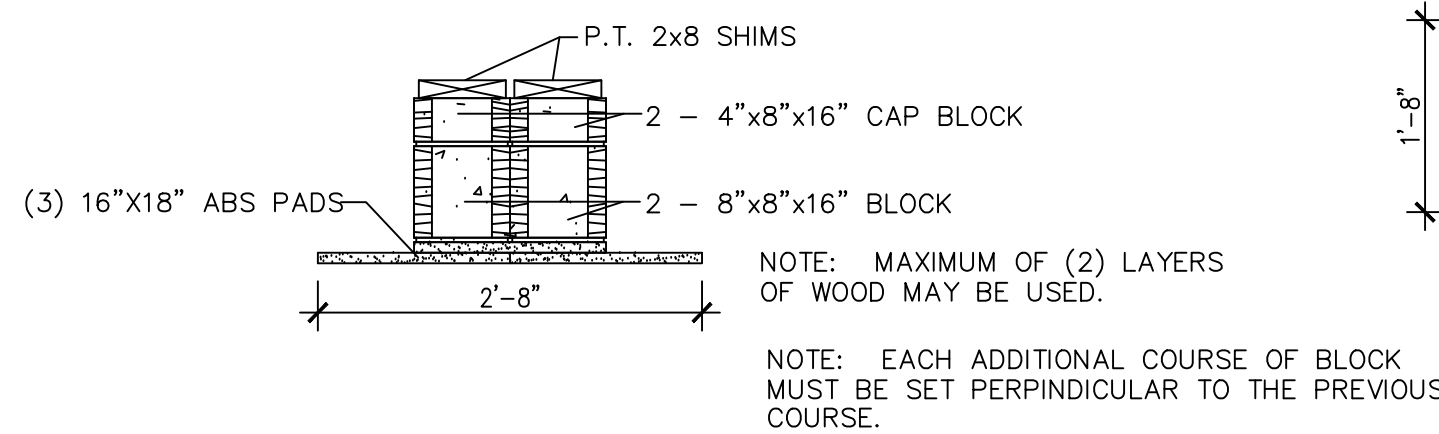
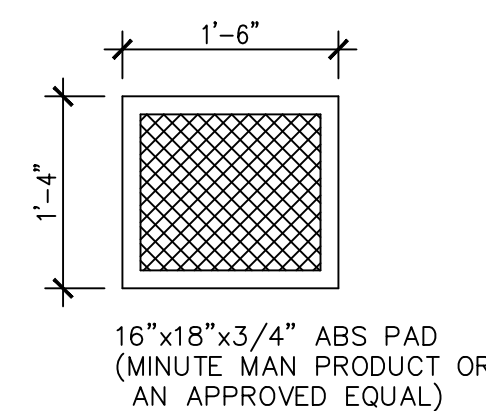
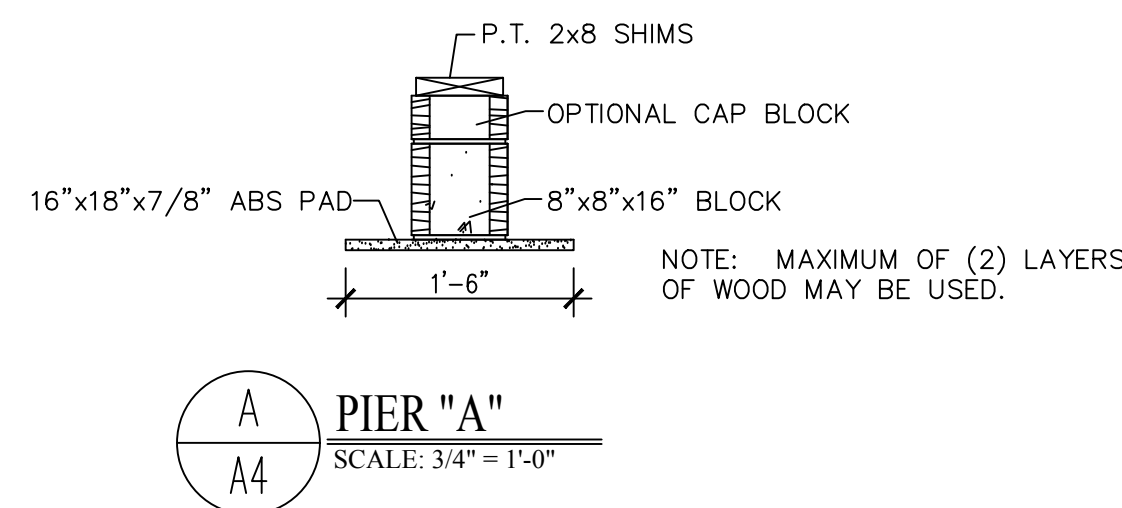
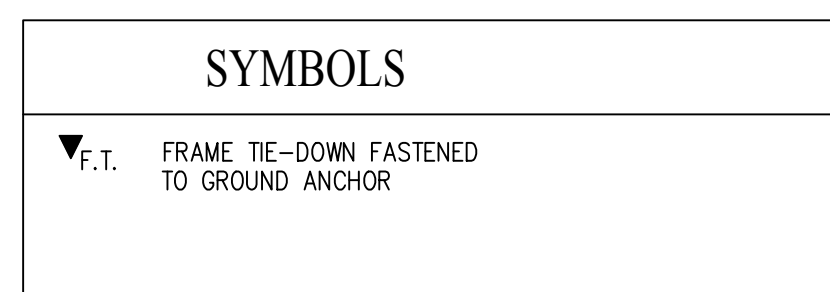
NOTE: THIS FOUNDATION PLAN WAS DESIGNED IN ACCORDANCE WITH THE FBC 5th EDITION & THE 2015 EPCOT BUILDING CODE.

NOTE: STEEL PIERS MAY BE SUBSTITUTED IN LIEU OF THE MASONRY PIERS SHOWN.

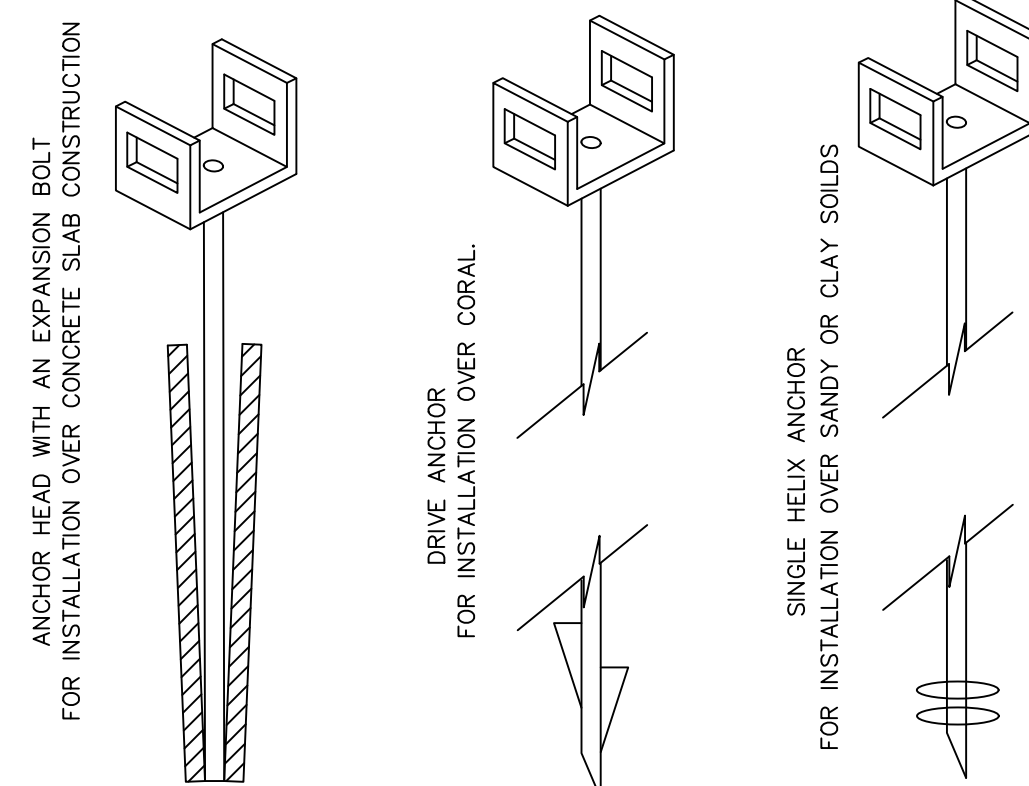
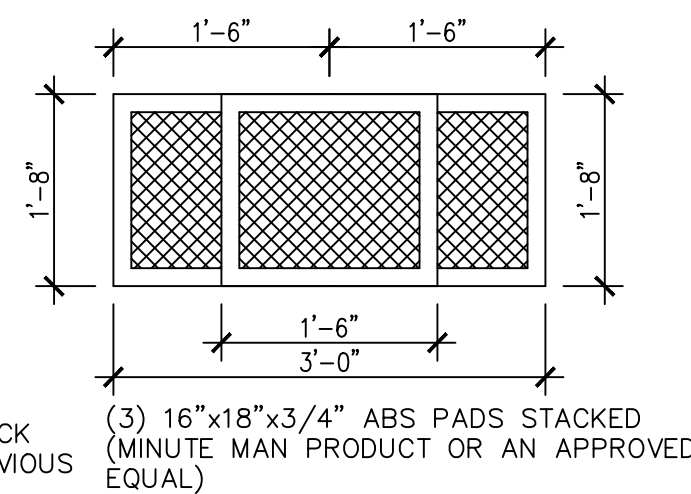
NOTE: LESSEE/END USER IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND OBSTRUCTIONS.

NOTE: LESSEE/END USER IS RESPONSIBLE FOR CONDUCTING A "PULL TEST" IF REQUIRED FOR PERMITTING.

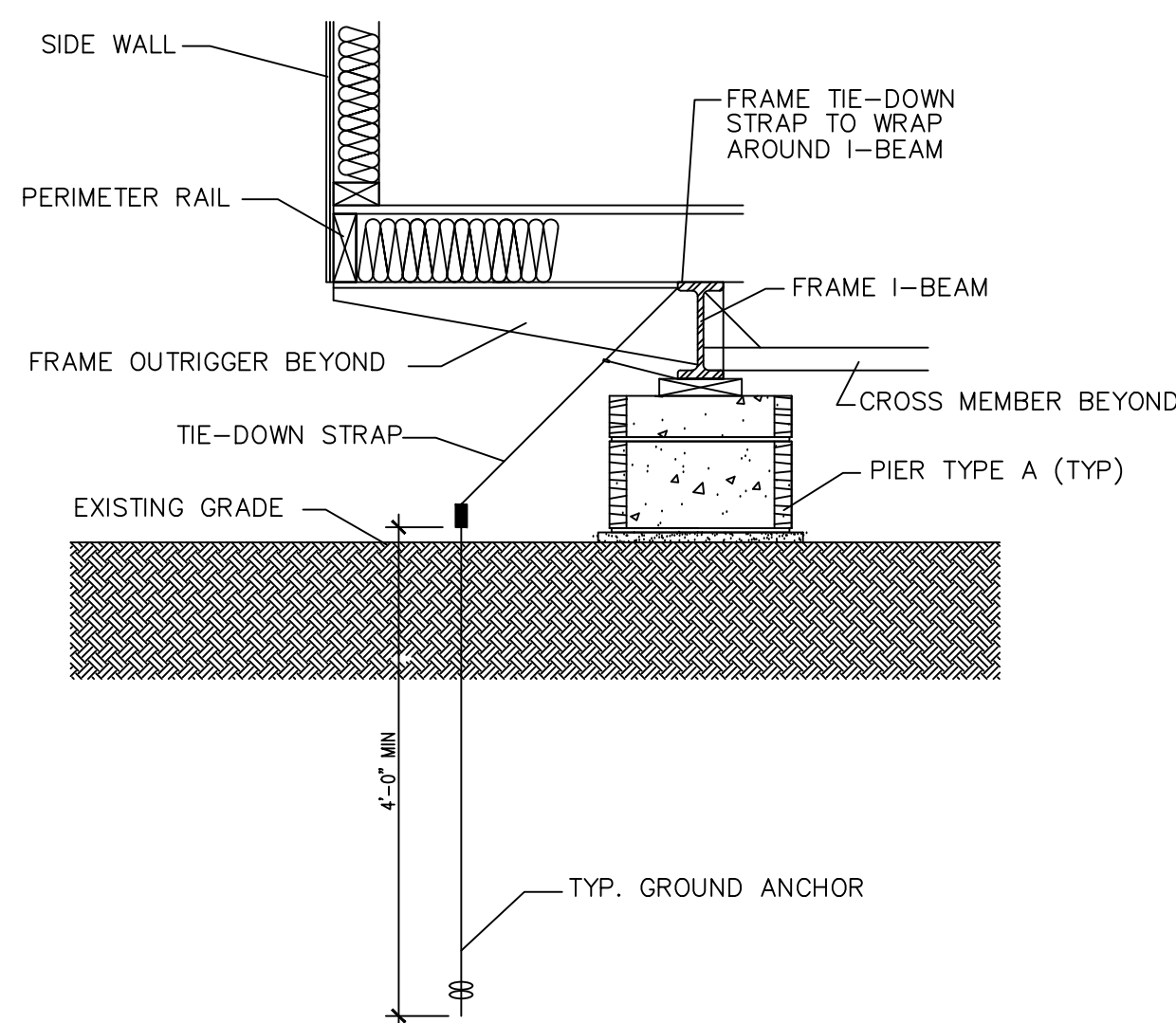
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



PIERS 32" - 40"
SCALE: 3/4" = 1'-0"



TYP. ANCHOR TYPES
SCALE: -NTS-



SECTION TIE DOWN, SIDEWALL (TYP.)
SCALE: 3/4" = 1'-0"

FOUNDATION NOTES:

MATERIAL SPECIFICATIONS:

SOIL & SITE PREPARATION:

1. FOUNDATION DESIGN IS BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF. ANY SOIL CONDITIONS THAT MAY DIFFER FROM THIS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
2. FOUNDATIONS SHALL BE BUILT ON UNDISTURBED SOIL OR PROPERLY COMPACT FILL MATERIAL. COMPACTED SOILS SHALL BE TESTED TO A MINIMUM OF 95% PROCTOR IN ACCORDANCE WITH ASTM D 1557.
3. EXCAVATIONS FOR FOUNDATIONS SHALL BE BACKFILLED WITH SOIL WHICH IS FREE OF ORGANIC MATERIAL, CONSTRUCTION DEBRIS, AND LARGE ROCKS.
4. LESSEE/END USER IS RESPONSIBLE FOR INSURING THAT SITE/SOIL CONDITIONS MEET OR EXCEED THE REQUIREMENTS SHOWN.

BASE PAD:

1. PIER FOOTING TYPE "A" SHALL BE 16"x18" ABS PAD OR 16"x16"x4", 2500 PSI CONCRETE PAD. PIER TYPE "B" SHALL USE (3) 16"x18" PADS STACKED.
2. CONCRETE IN FOOTINGS SHALL HAVE A SPECIFIED COMPRESSIVE STRENGTH OF NOT LESS THAN 2500 PSI AT 28 DAYS.

MASONRY UNIT:

1. PIERS SHALL BE CONSTRUCTED WITH NOMINAL 8"X8"X16" CONCRETE MASONRY UNITS CONFORMING TO ASTM C-90.

WOOD & SHIM MATERIAL:

1. ALL WOOD BLOCKING AND SHIMS SHALL BE CEDAR OR PRESSURE TREATED.

GROUND ANCHORS:

1. GROUND ANCHORS SHALL HAVE 4725# MIN. ULTIMATE CAPACITY & SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.

TIE-DOWN STRAPS:

1. THE TIE-DOWN STRAPS SHALL BE 1- $\frac{1}{4}$ " X 0.35" GALVANIZED STEEL QQS-781-H TYPE 1 FINISH-B, GRADE-I. TIE-DOWN STRAPS AND CONNECTING HARDWARE SHALL HAVE 4725# MIN. ULTIMATE CAPACITY.

INSTALLATION SPECIFICATIONS:

SOIL & SITE PREPARATION:

1. WHERE WATER IMPACTS THE GROUND FROM A ROOF VALLEY, DOWN SPOUT, SCUPPER, OR OTHER RAINWATER COLLECTION OR DIVERSION DEVICE, PROVISIONS SHALL BE MADE TO PREVENT SOIL EROSION AND DIRECT THE WATER AWAY FROM THE FOUNDATION.
2. FINISH GRADE SHALL BE SLOPED AWAY FROM THE FOUNDATION FOR DRAINAGE. THE AREA UNDER FOOTINGS, FOUNDATIONS, AND CONCRETE SLABS ON GRADE SHALL HAVE NO VEGETATION, STUMPS, ROOTS, AND FOREIGN MATERIAL REMOVED PRIOR TO THEIR CONSTRUCTION. FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL.

MASONRY UNIT:

1. LONG DIMENSION OF ALL PIERS MAY BE INSTALLED PERPENDICULAR OR PARALLEL TO THE FRAME. MAXIMUM OF (4) COURSES, (32" HIGH) UNLESS OTHERWISE NOTED.
2. FOUNDATION WALLS OF HOLLOW MASONRY CONSTRUCTION SHALL BE CAPPED WITH 4" OF SOLID MASONRY OR CONCRETE, OR SOLID 2x P.T. LUMBER.
3. CONCRETE MASONRY UNITS SHALL CONFORM TO THE ASTM C 90 STANDARDS.
4. CONSTRUCTION OF DRY-STACKED, SURFACE BONDED MASONRY WALLS WHEN SPECIFIED, INCLUDING STACKING AND LEVELING OF ALL UNITS, MIXING AND THE APPLICATION OF MORTAR, CURING AND PROTECTION SHALL COMPLY WITH ASTM C 946.

TIE-DOWN STRAPS:

1. THE FIRST TIE-DOWN STRAP FROM THE ENDWALL SHALL NOT EXCEED 2'-6".
2. REFER TO TIE-DOWN CHART FOR MINIMUM NUMBER OF GROUND ANCHORS, NUMBER OF ANCHORS MAY VARY FROM WHAT IS SHOWN ON THE FOUNDATION PLAN.

FBC 6th EDITION (2017)	
DESIGN LOADS:	
1. <u>BASIC WIND SPEED</u> —	SEE PIER & STRAPPING SCHED.
2. <u>RISK CATEGORY</u> : II	
3. <u>WIND EXPOSURE</u> : C	
4. <u>INTERNAL PRESSURE COEFF.</u> :	0.18

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JULIO ORBEGOSO, P.E. ON THE DATE AND/OR TIME STAMP SHOWN USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

CONSULTING ENGINEER:
JULIO ORBEGOSO
FLORIDA PE # 38769

" NOTICE "

THESE DOCUMENTS WILL NO LONGER BE
VALID 30 DAYS AFTER THE DATE SHOWN
VALID THRU : **JUNE 27TH, 2018**

REVISION DATE

MODULAR PLANS DESIGN, CO.

M P D
Company

MODULAR STRUCTURE FOR:
Williams Scotsman
(12' UNITS)

01 PH: 863-688-1054
FAX: 863-688-7118
MODULARPLANS@TAMPABAY.FL.COM

DATE:	04-18-2018
DRAWN:	R.C.S.
JOB #:	STOCK

SHEET NO

A4