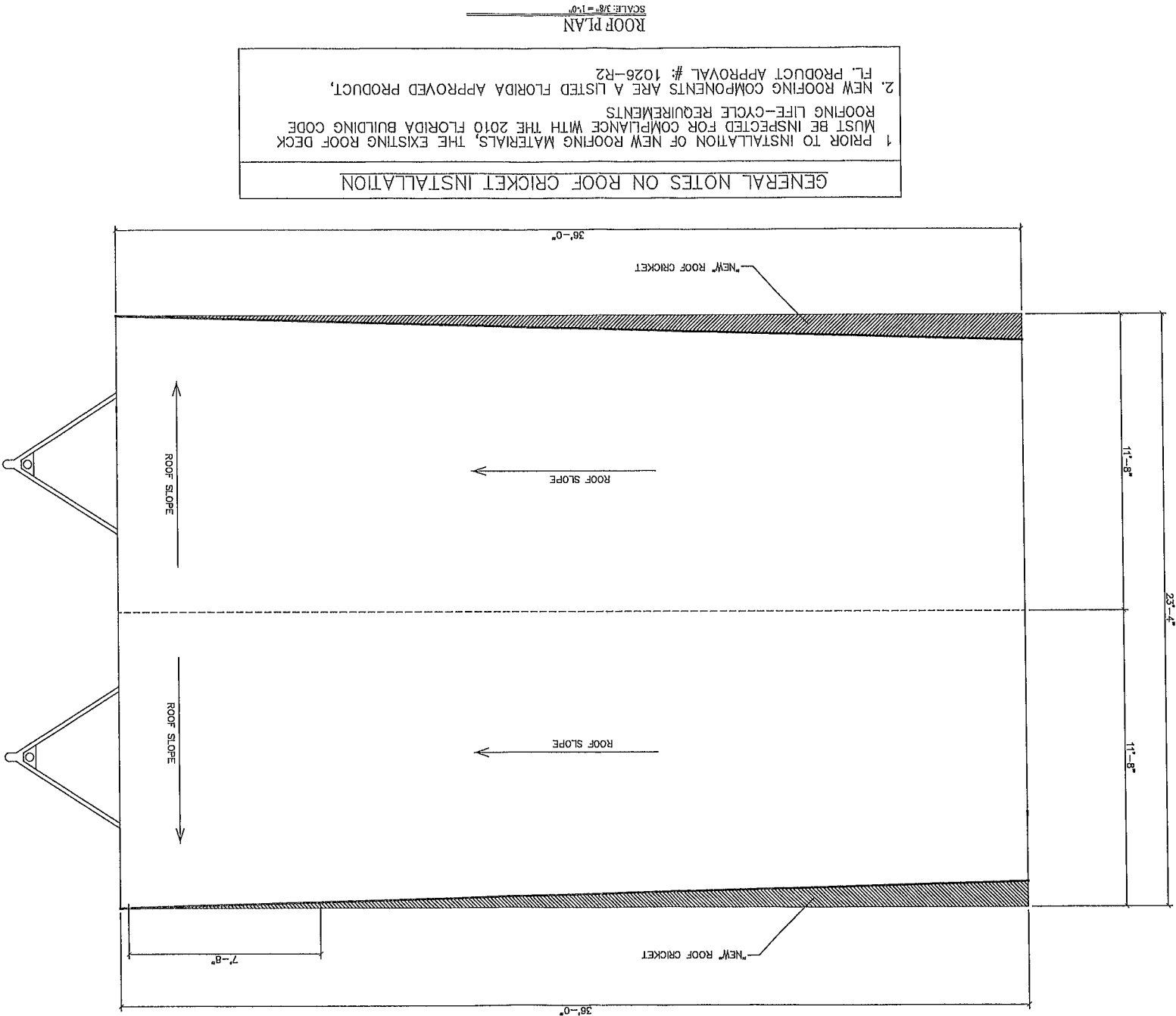




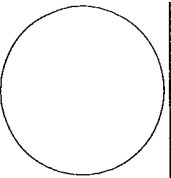
GENERAL NOTES ON ROOF CRICKET INSTALLATION

1 PRIOR TO INSTALLATION OF NEW ROOFING MATERIALS, THE EXISTING ROOF DECK MUST BE INSPECTED FOR COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE ROOFING LIFE-CYCLE REQUIREMENTS

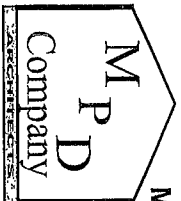
2. NEW ROOFING COMPONENTS ARE A LISTED FLORIDA APPROVED PRODUCT, FL. PRODUCT APPROVAL #: 1026-R2

ROOF PLAN
SCALE: 3/8" = 1'-0"

REVISION DATE:	
DATE:	03-11-2014
DRAWN:	R.C.S.
JOB #:	MPD-0814
SHEET NO	A3



MODULAR STRUCTURE FOR:
Mobile-Modular
(24' X 36')



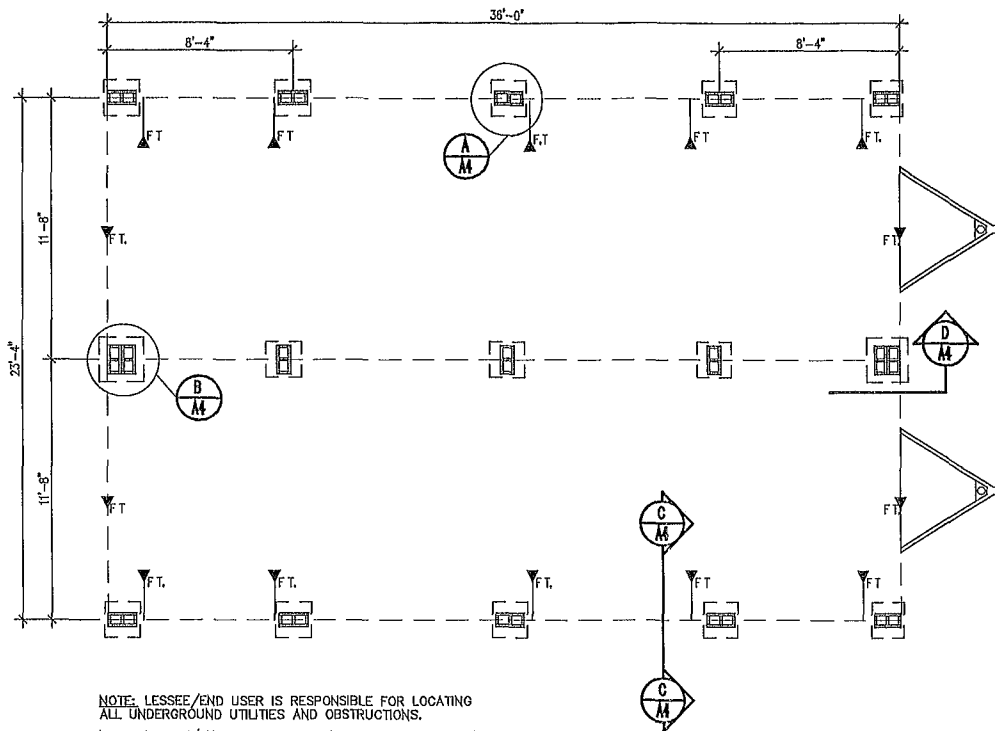
MODULAR PLANS DESIGN, CO.
THOMAS L. MELTON,
1074 S. FLORIDA AVE., SUITE 201
LAKELAND, FLORIDA 33803
PH: 883-688-1054
FAX: 883-688-7118
MODULARPLANS@TAMPABAY.RR.COM

2010 FBC w/ 2012 SUPPLEMENTS
COMPLIANCE STATEMENT:
1. BASIC WIND SPEED-- SEE CHART BELOW
2. RISK CATEGORY, RISK CATEGORY III
3. WIND EXPOSURE, C
4. INTERNAL PRESSURE COEFFICIENT, 0.18
5. COMPONENT & CLADDING, 435.3 PSF, -47.2 PSF

GROUND ANCHOR NOTE
GENERAL NOTE:
STABILIZER PLATES ARE NOT REQUIRED WITH INSTALLATION, HOWEVER, ANY UNSTABLE SOIL CONDITIONS THAT MAY IMPACT THE GROUND ANCHORS ABILITY TO RESIST UPLIFT MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT

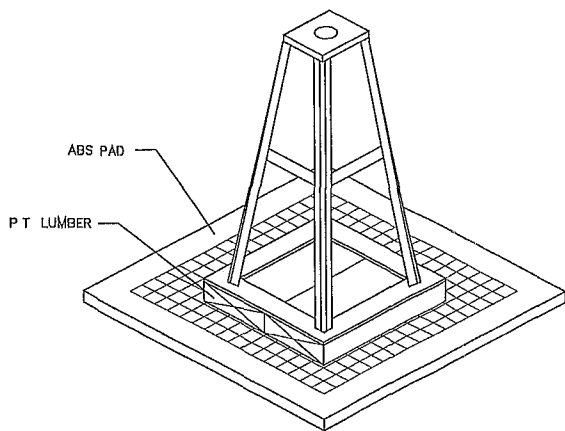
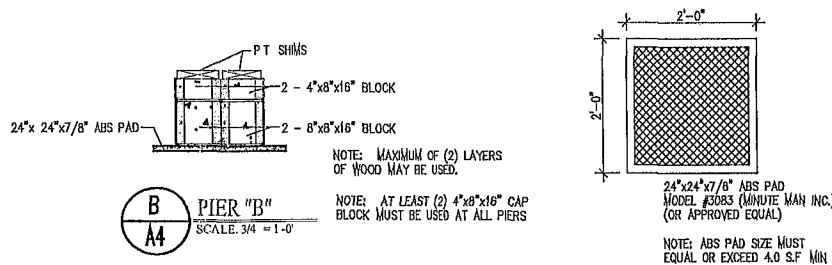
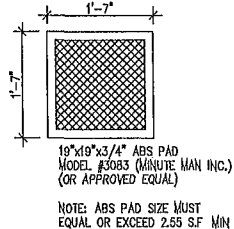
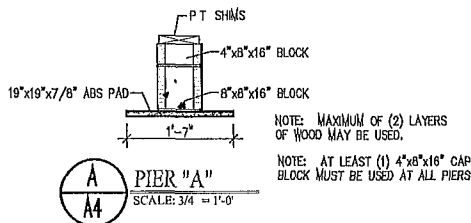
ANCHOR & STRAPPING SCHEDULE			
36" BOX	130 MPH	3 STRAPS	PER SIDE
36" BOX	140 MPH	4 STRAPS	PER SIDE
36" BOX	150 MPH	5 STRAPS	PER SIDE
36" BOX	160 MPH	6 STRAPS	PER SIDE
36" BOX	170 MPH	7 STRAPS	PER SIDE
36" BOX	180 MPH	8 STRAPS	PER SIDE (HWIZ)

FOUNDATION DIMENSIONS		
A. MODULE WIDTH	B. PIER TO MODULE EDGE	C. STEEL BEAM SPACING
11' - 8"	N/A	N/A
D. MAX. PIER SPACING	MINIMUM SOIL BEARING CAPACITY	
9'-0" O.C.	2000 PSF	



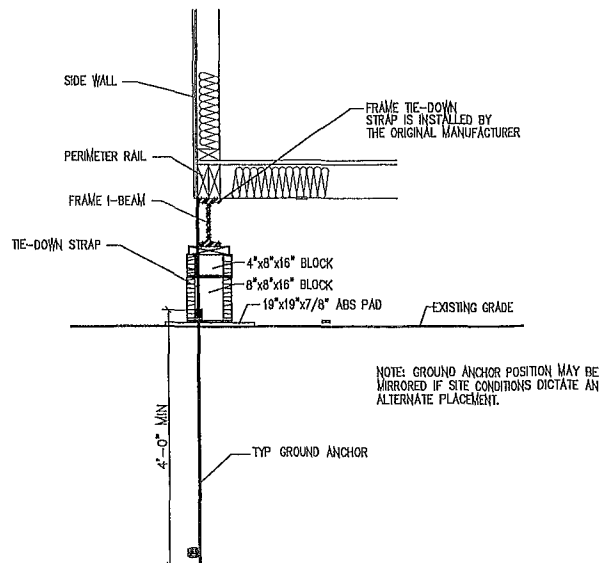
NOTE: LESSEE/END USER IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND OBSTRUCTIONS.
NOTE: LESSEE/END USER IS RESPONSIBLE FOR CONDUCTING A "PULL TEST" IF REQUIRED FOR PERMITTING.
NOTE: A SHIVEL STRAP CAN BE CONNECTED TO THE PERIMETER FRAME FLANGE FOR FRAME TIE-DOWNS.
NOTE: ANY STATE OF FLORIDA APPROVED TIE-DOWN METHOD MAY BE USED.
NOTE: STRAP LOCATIONS MAY VARY SLIGHTLY DUE TO BUILDINGS BEING CONSTRUCTED BY MULTIPLE MANUFACTURERS.

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

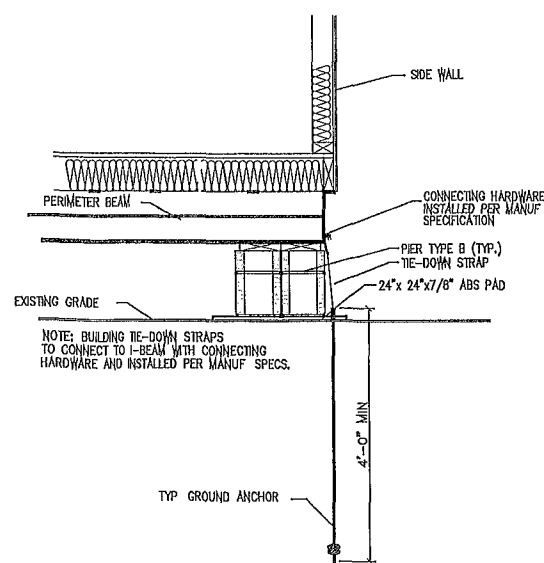


NOTE: POWER PIER SUPPORT MODEL #48634 SHOWN W/ TYPICAL PIER HEADS. PIER HEADS ARE TO BE ATTACHED WITH SUPPLIED HARDWARE PER MANUF SPECIFICATIONS.
NOTE: MAXIMUM OF (3) LAYERS P.T. MAY BE USED. LAYERS MUST BE SCREWED OR GLUED TOGETHER.

TYP. METAL PIER DETAIL
SCALE: NTS



C
A4
SECTION TIE DOWN, SIDEWALL (TYP)
SCALE: 3/4" = 1'-0"



D
A4
SECTION ENDWALL PIER TIE-DOWN AT MATELINE
SCALE: 3/4" = 1'-0"

FOUNDATION NOTES:

MATERIAL SPECIFICATIONS

SOIL & SITE PREPARATION.

- 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.
- 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.
- EXCAVATIONS FOR FOUNDATIONS SHALL BE BACKFILLED WITH SOIL, WHICH IS FREE OF ORGANIC MATERIAL, CONSTRUCTION DEBRIS, AND LARGE ROCKS.
- LESSEE/END USER IS RESPONSIBLE FOR INSURING THAT SITE/SOIL CONDITIONS MEET OR EXCEED THE REQUIREMENTS SHOWN.

BASE PAD:

- PIER FOOTING TYPE A SHALL BE 19"X19" ABS PAD OR 16"X16"X4' 2500 PSI CONCRETE PAD.
- CONCRETE IN FOOTINGS SHALL HAVE A SPECIFIED COMPRESSIVE STRENGTH OF NO LESS THAN 2500 PSI AT 28 DAYS.

MASONRY UNIT:

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

WOOD & SHIM MATERIAL:

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

GROUND ANCHORS:

- GROUND ANCHORS SHALL HAVE 4725# MIN ULTIMATE CAPACITY & SHALL BE INSTALLED IN AN APPROVED METHOD.

TIE-DOWN STRAPS:

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

INSTALLATION SPECIFICATIONS

SOIL & SITE PREPARATION:

- 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.
- 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.

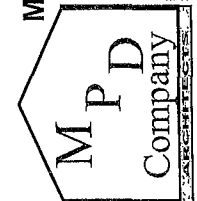
MASONRY UNIT:

- LONG DIMENSION OF ALL PIERS MAY BE INSTALLED PERPENDICULAR OR PARALLEL TO THE FRAME. MAXIMUM OF (4) COURSES, (32" HIGH) UNLESS OTHERWISE NOTED.
- FOUNDATION WALLS OF HOLLOW MASONRY CONSTRUCTION SHALL HAVE BE CAPPED WITH 4" OF SOLID MASONRY OR CONCRETE, OR SOLID 2x P.T. LUMBER.
- CONCRETE MASONRY UNITS SHALL CONFORM TO THE ASTM C 90 STANDARDS.
- 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:

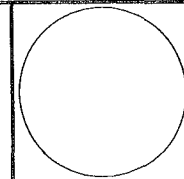
- THE FIRST TIE-DOWN STRAP FROM THE ENDWALL SHALL NOT EXCEED 2'-6".
- MAXIMUM TIE-DOWN SPACING IS PER SPACING CHART.
- REFER TO TIE-DOWN CHART FOR MINIMUM NUMBER OF GROUND ANCHORS.

MODULAR PLANS DESIGN, CO.
THOMAS L. MELTON,
#A002755
FLORIDA # A0017033



MODULAR STRUCTURE FOR:
Mobile-Modular
(24' X 36')

REVISION DATE:



DATE: 03-11-2014

DRAWN: R.C.S.

JOB #: MPD-0814

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A4