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GENERAL NOTES: FLORIDA S.B.C.,NFPA 101

1. HANDICAP ACCESS TO BUILDING IS DESIGNED AND FIELD BUILT BY OTHERS AND SUBJECT TO LOCAL JURISDICTION.
2. ALL DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS SHALL NOT BE USED.
3. ALL GLAZING WITHIN A 24 INCH ARC OF DOORS, WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR, AND ALL GLAZING IN DOORS SHALL BE SAFETY, TEMPERED OR ACRYLIC PLASTIC SHEET.
4. FLOOR DESIGN LIVE LOAD -100 PSF CORRIDORS, LOBBY, 40 PSF ELSEWHERE
5. MAXIMUM WIND SPEED - 110 MPH
6. SEISMIC PERFORMANCE CATAGORY-A
7. OCCUPANCY IS EDUCATIONAL
8. OCCUPANT LOAD IS BASED ON 1 PERSON PER 35 SQUARE FEET OF FLOOR AREA FOR EGRESS OCCUPANT LOAD IS BASED ON AVERAGE DAILY ATTENDANCE FOR PLUMBING FACILITIES
9. ALL STEEL STRAPS REFERENCED ON FLOOR PLAN SHALL BE 1.5 INCH x 30 GA. WITH (7)- 16 GA. x 7/16 INCH CROWN x 1 INCH PENETRATION STAPLES EACH END OF STRAP (OR EQUIVALENT) FROM RIDGE BEAM TO COLUMN AND COLUMN TO FLOOR.
10. PORTABLE FIRE EXTINGUISHER(S) PER N.F.P.A.-10 INSTALLED BY OTHERS ON SITE, AND SUBJECT TO LOCAL JURISDICTION.
11. MINIMUM CORRIDOR WIDTH IS 72 INCHES.
12. MINIMUM CORRIDOR FINISH IS CLASS A (GYPSUM).
13. NOTE THIS EXISTING STRUCTURE IS BEING MOVED INTO OR WITHIN A COUNTY OR MUNICIPALITY, AND IS NOT REQUIRED TO BE BROUGHT INTO COMPLIANCE WITH THE STATE MINIMUM BUILDING CODE AS IT IS STRUCTURALLY SOUND AND OCCUPIABLE FOR IT'S INTENDED USE.

ELECTRICAL NOTES: NEC NFPA70

1. ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRIC CODE (N.E.C.).
2. WHEN LIGHT FIXTURES ARE INSTALLED IN CLOSETS, THEY SHALL BE SURFACE MOUNTED OR RECESSED. INCANDESCENT FIXTURES SHALL HAVE COMPLETELY ENCLOSED LAMPS. SURFACE MOUNTED INCANDESCENT FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 12 INCHES AND ALL OTHER FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 6 INCHES FROM "STORAGE AREA" AS DEFINED BY N.E.C. 410-8(a).
3. WHEN WATER HEATERS ARE INSTALLED THEY SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE WATER HEATER(S) SERVED. THE BRANCH CIRCUIT SWITCH OR CIRCUIT BREAKER SHALL BE PERMITTED TO SERVE AS THE DISCONNECTING MEANS ONLY WHERE THE SWITCH OR CIRCUIT BREAKER IS WITHIN SIGHT FROM THE WATER HEATER OR IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION.
4. HVAC EQUIPMENT SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE EQUIPMENT SERVED. A UNIT SWITCH WITH A MARKED "OFF" POSITION THAT IS A PART OF THE HVAC EQUIPMENT AND DISCONNECTS ALL UNGROUNDED CONDUCTORS SHALL BE PERMITTED AS THE DISCONNECTING MEANS WHERE OTHER DISCONNECTING MEANS ARE ALSO PROVIDED BY A READILY ACCESSIBLE CIRCUIT BREAKER.
5. PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED AND VERIFIED AS BEING IN COMPLIANCE WITH SECTION 110-9 OF THE N.E.C. BY LOCAL ELECTRICAL CONSULTANT.
6. THE MAIN ELECTRICAL PANEL AND FEEDERS ARE DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
7. ALL CIRCUITS CROSSING OVER MODULE MATING LINE(S) SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBLE JUNCTION BOXES OR CABLE CONNECTORS.
8. RECESSED PORTIONS OF LIGHTING FIXTURE ENCLOSURES,OTHER THAN AT THE POINTS OF SUPPORT, SHALL BE SPACED AT LEAST 1/2" FROM CUMBUSTIBLE MATERIALS.
9. THERMAL INSULATION SHALL NOT BE INSTALLED WITHIN 3" OF THE RECESSED FIXTURE ENCLOSURE, WIRING COMPARTMENT, OR BALLAST, AND SHALL NOT BE INSTALLED ABOVE THE FIXTURE SO AS TO TRAP HEAT AND PREVENT THE FREE CIRCULATION OF AIR.

MECHANICAL NOTES: S.M.C.

1. ALL SUPPLY AIR REGISTERS SHALL BE 12 INCHES BY 12 INCHES ADJUSTABLE WITH 8 INCHES BY 16 INCHES (INSIDE) x 5/8 INCH OVERHEAD FIBERGLASS DUCT, UNLESS OTHERWISE SPECIFIED. DUCTS LOCATED IN VENTILATED ATTIC SHALL HAVE AN INSULATION VALUE OF R-6. DUCTS LOCATED IN UNCONDITIONED INTERIOR SPACES SHALL HAVE AN INSULATION VALUE OF R 4.2.
2. INTERIOR DOORS SHALL BE UNDERCUT 1.5 INCHES ABOVE FINISHED FLOOR FOR AIR RETURN. ANY ON-SITE ADJUSTMENTS OF DOORS AFTER SET-UP ARE NOT THE RESPONSIBILITY OF THE BUILDING MANUFACTURER.
3. VENT FANS SHALL BE DUCTED TO THE EXTERIOR AND TERMINATE AT AN APPROVED VENT CAP.
4. HVAC EQUIPMENT SHALL BE EQUIPPED WITH OUTSIDE FRESH AIR INTAKE PROVIDING 20 CFM FOR EACH OCCUPANT, OR 50 CFM FOR EACH WATER CLOSET OR URINAL, WHICHEVER IS GREATER.
5. IN PRIVATE RESTROOMS CONTAINING ONE TOILET AND ONE LAVATORY, RESTROOM VENT FANS SHALL PROVIDE ONE CFM PER SQUARE FOOT OF FLOOR AREA. IN OTHER RESTROOMS FANS SHALL PROVIDE A MINIMUM OF TWO CFM PER SQUARE FOOT OF RESTROOM SQUARE FOOT.
6. IN ANY BATHROOM THAT DOES NOT CONTAIN BATHTUBS, AND/OR SHOWERS, MECHANICAL EXHAUST MAY BE OMITTED WHEN NATURAL VENTILATION OR AN APPROVED RECIRCULATING AIR TREATMENT SYSTEM IS PROVIDED.

PLUMBING NOTES: S.P.C.

1. CUSTOMER ASSUMES ALL RESPONSIBILITY FOR DRINKING WATER FACILITIES DRINKING FOUNTAINS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 407 SPC 1994 EDITION, AND SECTION 415 OF THE FLORIDA ACCESSIBILITY CODE
2. ALL PLUMBING FIXTURES SHALL HAVE SEPARATE SHUT-OFF VALVES.
3. STORAGE-TYPE WATER HEATERS SHALL HAVE A SAFETY PAN WITH A 1-INCH DRAIN TO EXTERIOR, T&P RELIEF VALVE WITH A SEPARATE DRAIN TO EXTERIOR, AND A SHUT-OFF VALVE WITHIN 3 FEET ON COLD WATER SUPPLY LINE.
4. WATER SUPPLY LINES SHALL BE POLYBUTYLENE, CPVC, OR COPPER; WHEN POLYBUTYLENE SUPPLY LINES ARE INSTALLED, THE MAXIMUM WATER HEATER TEMPERATURE IS 180 DEGREES F. THE POLYBUTYLENE PIPE INSTALLER SHALL VERIFY THAT IT'S USE WILL BE RESTRICTED TO THE PRODUCT MANUFACTURER'S CONDITITIONS AND LIMITATIONS INCLUDING CHLORINE CONCENTRATION LEVELS.
5. WATER CLOSETS ARE TANK TYPE AND URINALS ARE FLUSH VALVE TYPE UNLESS OTHERWISE SPECIFIED.
6. DWV SYSTEM SHALL BE EITHER ABS OR PVC-DWV.
7. BUILDING DRAIN AND CLEANOUTS ARE DESIGNED AND SITE-INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL.
8. TOILETS SHALL BE ELONGATED TYPE WITH NON-ABSORBENT OPEN FRONT SEATS.
9. RESTROOM WALLS SHALL BE COVERED WITH NON-ABSORBENT MATERIAL TO A MINIMUM HEIGHT OF 48" A.F.F.
10. HOT WATER SUPPLY TO A FIXTURE REQUIRING HOT WATER SHALL BE INSTALLED ON LEFT SIDE OF FIXTURE.
11. WATER SERVICE PIPING SHALL BE NOT LESS THAN ONE INCH INSIDE DIAMETER FOR GALVANIZED FERROUS PIPING, OR 3/4" INSIDE NOMINAL DIAMETER FOR COPPER, OR APPROVED NON CORROSIVE PIPE OR TUBE.
12. SHOWERS(WHEN PROVIDED) SHALL BE CONTROLLED BY AN APPROVED MIXING VALVE WITH A MAXIMUM WATER OUTLET TEMPERATURE OF 120 DEG. F.
13. LAVATORIES OF PUBLIC RESTROOMS SHALL BE EQUIPPED WITH OUTLET DEVICES WHICH LIMIT THE FLOW OF HOT WATER TO A MAXIMUM OF 0.5 GPM., OR BE EQUIPPED WITH SELF-CLOSING VALVES (NON HANDI-CAPPED APPLICATIONS ONLY). MAXIMUM WATER TEMPERATURE IS 110 DEG.

HANDICAPPED ACCESSIBILITY: ADA / ANSI A117.1 / FACBC

- THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN SHALL BE DISPLAYED AT ALL ACCESSIBLE RESTROOM FACILITIES AND AT ACCESSIBLE BUILDING ENTRANCES UNLESS ALL ENTRANCES ARE ACCESSIBLE. INACCESSIBLE ENTRANCES SHALL HAVE DIRECTIONAL SIGNS INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE ENTRANCE.
- ACCESSIBLE DRINKING FOUNTAINS SHALL HAVE A SPOUT HEIGHT NO HIGHER THAN 36 INCHES ABOVE THE FLOOR AND EDGE OF THE BASIN NO HIGHER THAN 34 INCHES ABOVE THE FLOOR FOR INDIVIDUALS IN WHEELCHAIRS. ADDITIONALLY, DRINKING WATER PROVISIONS SHALL BE MADE FOR INDIVIDUALS WHO HAVE DIFFICULTY IN BENDING.
- WHERE STORAGE FACILITIES SUCH AS CABINETS, SHELVES, CLOSETS AND DRAWERS ARE PROVIDED, AT LEAST ONE OF EACH TYPE PROVIDED SHALL CONTAIN STORAGE SPACE COMPLYING WITH THE FOLLOWING: DOORS, ETC. TO SUCH SPACES SHALL BE ACCESSIBLE (ie. TOUCH LATCHES, U-SHAPED PULLS); SPACES SHALL BE WITHIN 15 INCHES MINIMUM AND 48 INCHES MAXIMUM OF THE FLOOR FOR FORWARD REACH OR 9 INCHES MINIMUM AND 54 INCHES MAXIMUM, OF THE FLOOR FOR SIDE REACH; CLOTHES RODS SHALL BE A MAXIMUM OF 54 INCHES ABOVE THE FLOOR (48 INCHES MAXIMUM WHEN DISTANCE FROM WHEELCHAIR TO ROD EXCEEDS 10 INCHES)
- CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT SHALL BE NO HIGHER THAN 45 INCHES ABOVE THE FLOOR FOR FRONT APPROACH OR 54 INCHES ABOVE THE FLOOR FOR SIDE APPROACH. RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15 INCHES ABOVE THE FLOOR. EXCEPTION: HEIGHT LIMITATIONS DO NOT APPLY WHERE THE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE OR WHERE ELECTRICAL RECEPTACLES ARE NOT NORMALLY INTENDED FOR USE BY BUILDING OCCUPANTS.
- WHERE EMERGENCY WARNING SYSTEMS ARE PROVIDED, THEY SHALL INCLUDE BOTH AUDIBLE AND VISUAL ALARMS. THE VISUAL ALARMS SHALL BE LOCATED THROUGHOUT, INCLUDING RESTROOMS, AND PLACED 80 INCHES ABOVE THE FLOOR OR 6 INCHES BELOW CEILING, WHICHEVER IS LOWER.
- DOORS TO ALL ACCESSIBLE SPACES SHALL HAVE ACCESSIBLE HARDWARE (ie. LEVER-OPERATED, PUSH-TYPE, U-SHAPED) MOUNTED NO HIGHER THAN 48 INCHES ABOVE THE FLOOR.
- FLOOR SURFACES SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. CHANGES IN LEVEL BETWEEN 0.25 INCH AND 0.5 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 0.5 INCH REQUIRE RAMPS. CARPET PILE THICKNESS SHALL BE 0.5 INCH MAXIMUM. GRATINGS IN FLOOR SHALL HAVE SPACES NO GREATER THAN 0.5 INCH WIDE IN ONE DIRECTION. DOORWAY THRESHOLDS SHALL NOT EXCEED 0.5 INCH IN HEIGHT.
- ALL DOORS SHALL BE OPENABLE BY A SINGLE EFFORT. THE MAXIMUM FORCE REQUIRED TO OPEN A DOOR SHALL NOT EXCEED 8.5 LBS. FOR EXTERIOR SWINGING DOORS AND 5 LBS. FOR ALL SLIDING, FOLDING, AND INTERIOR SWINGING DOORS.
- ACCESSIBLE WATER CLOSETS SHALL BE 19 INCHES FROM THE FLOOR TO THE TOP OF THE SEAT. GRAB BARS SHALL BE 36 INCHES LONG MINIMUM WHEN LOCATED BEHIND WATER CLOSET AND 42 INCHES LONG MINIMUM WHEN LOCATED ALONG SIDE OF WATER CLOSET, AND SHALL BE MOUNTED AT 33 INCHES FROM THE FLOOR TO THE TOP OF THE RAIL WITH 0.5 INCH MAXIMUM VARIATION.

0. ACCESSIBLE URINALS SHALL BE STALL-TYPE OR WALL-HUNG WITH ELONGATED RIMS AT A MAXIMUM OF 17 INCHES ABOVE THE FLOOR.
1. ACCESSIBLE LAVATORIES SHALL BE MOUNTED WITH THE RIM NO HIGHER THAN 34 INCHES ABOVE THE FLOOR AND A CLEARANCE OF AT LEAST 29 INCHES ABOVE THE FLOOR TO THE BOTTOM OF THE APRON.
2. ACCESSIBLE SINKS SHALL BE MOUNTED WITH THE RIM NO HIGHER THAN 34 INCHES ABOVE THE FLOOR AND A CLEARANCE OF AT LEAST 27 INCHES HIGH, 30 INCHES WIDE, AND 19 INCHES DEEP UNDERNEATH SINK. THE SINK DEPTH SHALL BE 6.5 INCHES MAXIMUM.
3. HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER ACCESSIBLE LAVATORIES AND SINKS.
4. ACCESSIBLE LAVATORIES AND SINKS SHALL HAVE ACCESSIBLE FAUCETS OPERABLE WITH ONE HAND AND REQUIRING LESS THAN 5 LBS. OF FORCE TO ACTIVATE (ie LEVER-OPERATED, PUSH-TYPE, ELECTRONICALLY CONTROLLED). SEPARATE LAVATORIES FOR PHISICALLY HANDI-CAPPED PERSONS SHALL NOT BE EQUIPPED WITH SELF CLOSING VALVES.
5. WHERE MIRRORS ARE PROVIDED IN RESTROOMS, AT LEAST ONE SHALL BE PROVIDED WITH ITS BOTTOM EDGE NO HIGHER THAN 40 INCHES ABOVE THE FLOOR.
6. WHERE MEDICINE CABINETS ARE PROVIDED, AT LEAST ONE SHALL BE LOCATED WITH A USABLE SHELF NO HIGHER THAN 44 INCHES ABOVE THE FLOOR.
7. GRAB BARS REQUIRED FOR ACCESSIBILITY SHALL BE 1.5 INCHES IN DIAMETER WITH 1.5 INCHES OF CLEAR SPACE BETWEEN THE BAR AND THE WALL.
8. TOILET STALL DOORS SHALL BE THE SELF-CLOSING TYPE.
9. A TOWEL DISPENSER SHALL BE LOCATED ADJACENT TO ALL ACCESSIBLE LAVATORIES.

SITE-INSTALLED ITEMS:

NOTE THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIALS THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTION APPROVAL.

- THE COMPLETE FOUNDATION SUPPORT AND TIE DOWN SYSTEM.
- RAMPS, STAIRS, AND GENERAL ACCESS TO THE BUILDING.
- PORTABLE FIRE EXTINGUISHER(S).
- DRINKING WATER APPARATUS (WHEN NOT SHOWN ON PLAN), BUILDING DRAINS, CLEANOUTS, AND CONNECTION TO THE PLUMBING SYSTEM.
- ELECTRICAL SERVICE CONNECTION (INCLUDING FEEDERS) TO THE BUILDING.
- THE MAIN ELECTRICAL PANEL AND SUB-FEEDERS (MULTI-UNITS ONLY).
- CONNECTION OF ELECTRICAL CIRCUITS CROSSING OVER MODULE MATING LINE(S) (MULTI-UNITS ONLY).
- STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES (MULTI-UNITS ONLY).
- REQUIRED PLUMBING FACILITIES NOT PROVIDED IN THE MODULAR BUILDING ARE TO BE LOCATED IN ADJACENT BUILDING(S). SEE ATTATCHED LETTER.

0. DRAINAGE PIPING BELOW FLOOR JOIST LEVEL
1. FIRE ALARM SYSTEM (IF APPLICABLE)
2. SPRINKLER SYSTEM (IF APPLICABLE)

INTERIOR FINISH 1997 SBCC SEC. 409.2.9 & CHAPTER 8

ALL CORRIDORS AND CEILING FINISH ARE CLASS "A" GYPSUM WITH FLAME SPREAD 0-25, ANDSMOKE DEVELOPED 0-450

ALL INTERIOR WALL FINISH IS CLASS "A" GYPSUM WITH FLAME SPREAD 0-25, ANDSMOKE DEVELOPED 0-450

CARPET HAS A CRITICAL RADIENT FLUX OF 0.22 WATTS/SQ. CM AS TESTED IN ACCORDANCE WITH NFIPA 253

APPROVED
(Subject to Revisions)
Inspection Department
Lake City Fire Dept.
State Fire Inspector
License # 13360
By: _____ Date: 6-1-06

DATE 06/09/2005 PLAN NO MDS005209 CHECKED
APPROVED BY SAM ACOSTA SHT.#1
MODULAR BUILDING PLANS EXAMINER SHT.#2
FLORIDA CERTIFICATE NUMBER SMP-0000034 SHT.#3

THIS BUILDING WAS BUILT PRIOR TO MARCH 1ST 2002 AND REMAINS UNMODIFIED

LISTING AGENCY APPROVAL

THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODES AND ADHERE TO THE FOLLOWNG CRITERIA:

CONST. TYPE	VI
OCCUPANCY	E
ALLOWABLE # OF FLOORS	1
WIND VELOCITY	110
FIRE RATING OF EXTERIOR WALLS	0
PLAN NO.	MDS005209
ALLOWABLE FLOOR LOAD	40/100
LAST INSPECTED	06/09/2005
MANUFACTURER	PER DCA LETTER

M.D.S.

GE Capital Modular Space

JOHN A. BODZIAK
ARCHITECT
3637 4TH STREET NORTH
SAINT PETERSBURG, FLORIDA 33704
LICENSE #AR-0005065

MDS
LISTING AGENCY
2730 12TH STREET SOUTH
SAINT PETERSBURG, FLORIDA 33705
PHONE #727-898-6004

MDS005209

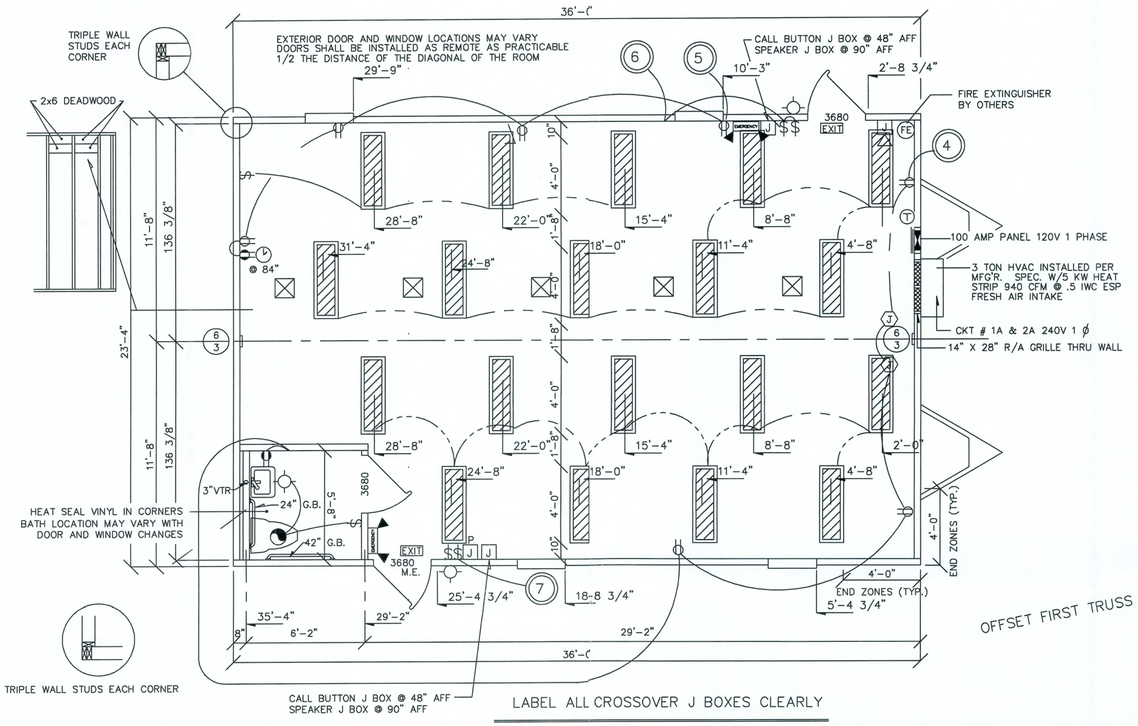
DATE	SCALE	QUOTE	SER. NO.
06/09/2005	-NTS-	MDS005209	

06/09/2005

SIZE	CODE	TYPE	USE	CHECKED BY	REV.	APPROVAL #	PAGE
PER PRINT	1997 SBCC	VI	E	MDS	.	MDS005209	1 OF 4

(4/2) TOP NUMBER INDICATES NO. OF STEEL STRAPS INSTALLED AT SUPPORT COLUMN LCATIONS (EA. HALF)
BOTTOM NUMBER INDICATES NO. OF STUDS INSTALLED AT SUPPORT COLUMN LOCATONS (EA. HALF)
ISOLATED COLUMNS ARE MANUFACTURED OF 2X4 SPF #2 LUMBER

STEEL STRAPS SHALL BE 1-1/2"x30GA. FASTENED EACH END WITH 6 .113 x 2 3/8 NAILS (GC 24).
IF SPACE REQUIRES DOUBLING UP OF STRAPS USE DOUBLE LAYER OF STRAPS ANDTHEN FASTEN
THROUGH BOTH STRAPS WITH 12 NAILS EACH END.



TRIPLE WALL STUDS EACH CORNER

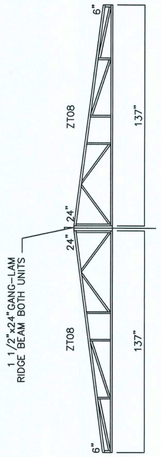
CALL BUTTON J BOX @ 48" AFF
SPEAKER J BOX @ 90" AFF

CAULK INTERIOR SIDE OF ALL WINDOWS

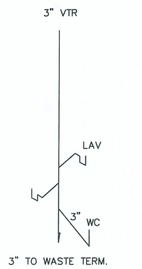
LABEL ALL CROSSOVER J BOXES CLEARLY

OR INSTAL AN ADDITIONAL SUB PANEL

OFFSET FIRST TRUSS 8"



HANDICAP THRESHOLDS ON ALL EXT. DOORS



SYMBOLS:

	DUPLEX RECEPT @ 18" AFF
	DUPLEX RECEPT @ 42" AFF
S	SWITCH @ 48" AFF
^{T}	SWITCH WITH 10 MINUTE DELAY FOR FAN
(T)	THERMOSTAT @ 48" AFF
T	LIGHT OR A/C TIMER
	INCANDESCENT LIGHT 60W. MAX.
W.P.	W.P. WATER PROOF PORCH LIGHT 60W. MAX.
(J)	JUNCTION BOX
	100 CFM EXHAUST FAN
	EMERGENCY LIGHT 82" AFF
F	J BOXES ONLY FOR MANUAL PULL STATION AND VISIBLE AUDIBLE ALARM. @ 48" & 84" AFF
F	J BOX ONLY FOR MANUAL PULL STATION @ 48" AFF
	12"x12" SUPPLY AIR REGISTER
	RECESSED FLUORESCENT 87.6 W. MAX. LIGHT PATTERN MAY VARY,DUE TO CEILING FINISH INSTALLED 2W PSF MAX.
(4)	ELECTRICAL CIRCUIT

PANEL "A"

	KVA
GENERAL LIGHTING	
.0035 KW SF x 1027 SF x 1.25	4.49
10 RECEPTS @ 180 VA/1000	1.8
1 FANS @ .3 KW x 1.25	.38
HVAC WITH 5 KW HEAT STRIP	5.9
TOTAL 12.57	
TOTAL/240x1000 52.4	
INSTALL 100 AMP PANEL 120/240V 1Ø	

NOTE: AN ADDITIONAL SUB PANEL MAY BE INSTALLED ON "B" HALF OF BUILDING IN LIEU OF THE CROSSOVER J-BOXES SHOWN ON PRINT. SUB PANEL LOCATIONS MAY VARY

ELECTRIC SCHEDULE

CIRCUIT #	NOMENCLATURE	BREAKER (AMPS)	WIRE SIZE CU. NM. W/G
1 & 2	HVAC SIZED PER MFR. SPECS.		
4-11	LIGHTS/RECEPTS	20A 1P	12-2

THE MAXIMUM DIFFERENCE IN FLOOR ELEVATION IN PATH OF EGRESS SHALL NOT EXCEED 1/2".

A TEST AND BALANCE REPORT WILL BE SUPPLIED UPON COMPLETION OF BUILDING.

LISTING AGENCY APPROVAL

THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODES AND ADHERE TO THE FOLLOWING CRITERIA:

CONST. TYPE	VI
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ALLOWABLE FLOOR LOAD	40/100
APPROVAL DATE	06/09/2005
MANUFACTURER	PER DCA LETTER

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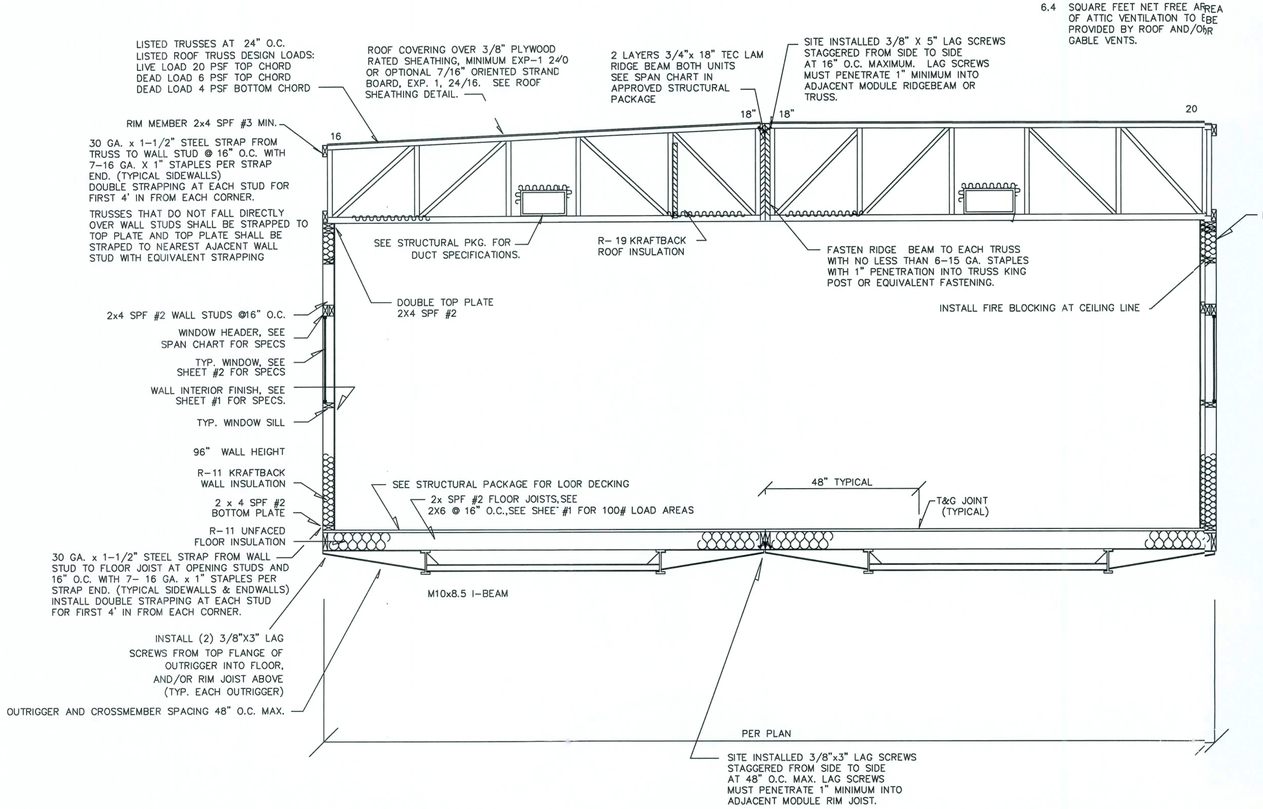
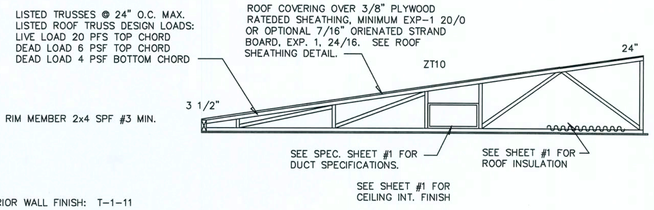




ALT TRUSS WITH SHINGLE ROOF

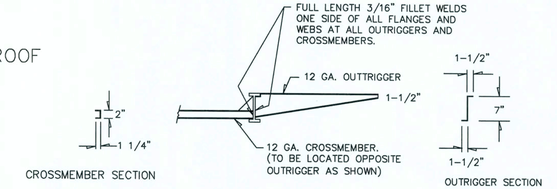
EXTERIOR WALL STRUCTURAL BRACING

SIDEWALLS:
BRACING INSTALLATION:
STRUCTURAL SHEATHING SHALL CONSIST OF A 4' MINIMUM WIDTH SHEET EXTENDING CONTINUOUSLY FROM TOP TO BOTTOM PLATE WITH ALL SHEATHING EDGES EXTENDING 3/4" MINIMUM OVER 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS EXTERIOR WALL FRAMING. BRACING SHALL BE LOCATED AS CLOSE TO EACH CORNER OF BUILDING AS POSSIBLE.

BRACING MATERIAL:
1/8" STRUCTURAL RED THERMO-PLY FASTENED WITH 16 GA. X 1" X 1-1/4" STAPLES 3" O.C. ON EDGES AND 6" O.C. IN THE FIELD.

ENDWALLS:
BRACING INSTALLATION:
STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUS FROM TOP OF TRUSS TOP CHORD TO 3/4" MINIMUM BELOW TOP OF RIM JOIST WITH ALL SHEATHING EDGES SUPPORTED BY 2" NOMINAL LUMBER OF THE GRADE AS EXTERIOR WALL FRAMING.

BRACING MATERIAL:
3/8" CDX PLYWOOD EXP-1 24/0 FASTENED WITH 7/16" X 1 1/2" X 16 GA. STAPLES 3" O.C. EDGES, 12" O.C. FIELD.



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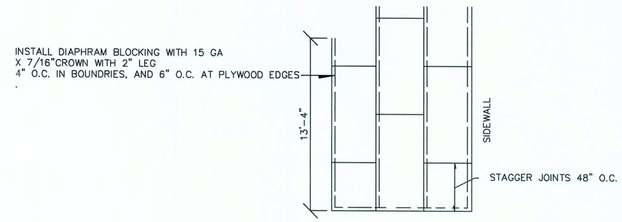
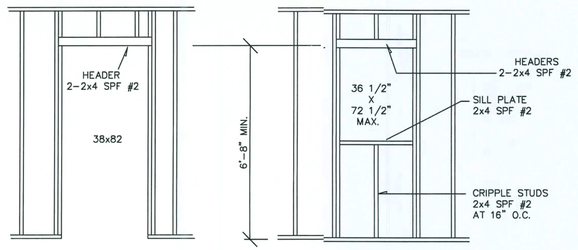


3/8" RATED SHEATHING, PLYWOOD TO BE FASTENED TO TRUSSES WITH Q-21 STAPLES OR EQUIV. (7/16" CROWN X 2" LEG X 15 GAUGE) AT 4" O.C. ON EDGES AND 8" O.C. IN FIELD

ROOF SHEATHING DETAIL



DOOR FRAMING

WINDOW FRAMING

RIDGE BEAM

2 LAYERS 3/4"x 18" TEC LAM LVL
RIDGE BEAM BOTH UNITS
SEE SPAN CHART IN
APPROVED STRUCTURAL
PACKAGE

TEC-LAM Fb = 2850 PSI
RIDGE BEAM MUST BE CONTINUOUS OVER CLEAR SPAN
BEAMS SUPPORTED BY ENDWALL COLUMNS MUST EXTEND CONTINUOUS OVER COLUMNS TO EXTERIOR FACE OF ENDWALL.
MULTIPLE UNITS ARE TO BE GLUED & NAILED TOGETHER TO ACT AS ONE UNIT.
INSTALL 2X4 X DEPTH OF BEAM SPF #3 BEARING STIFFENER OVER SUPPORT COLUMNS WHEN SPECIFIED ON FLOOR PLAN; FASTEN THE FACE OF STIFFENER TO THE RIDGE BEAM WITH 100% GLUE COVERAGE AND 6 - 16 GA.x 2 1/2" x 7/16" CROWN STAPLES.

GENERAL CROSS SECTION NOTES

1. UNLESS OTHERWISE SPECIFIED, ALL STEEL MUST COMPLY WITH ASTM A36, YIELD STRENGTH = 36 KSI, AND COMPLY WITH AISC
2. ALL LAG SCREWS MUST COMPLY WITH ASTM A307.
3. SEE FOUNDATION PLAN FOR PIER AND TIE DOWN STRAPPING LOCATIONS, ORIENTATIONS, AND SPECIFICATIONS.

DESIGN CRITERIA

2001 FBC
FLOOR LOAD 40 PSF LL
FLOOR LOAD 10 PSF DL
WIND LOAD 110 MPH
ROOF: 20 PSF LL
ROOF 10 PSF DL

LISTING AGENCY APPROVAL

THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODES AND ADHERE TO THE FOLLOWING CRITERIA:

CONST. TYPE	VI
OCCUPANCY	E
ALLOWABLE # OF FLOORS	1
WIND VELOCITY	110
FIRE RATING OF EXTERIOR WALLS	0
PLAN NO.	MDS005209
ALLOWABLE FLOOR LOAD	40/100
LAST INSPECTED	06/09/2005
MANUFACTURER	PER DCA LETTER

M.D.S.

GE Capital Modular Space

JOHN A. BODZIAK
ARCHITECT
M.D.S.
LISTING AGENCY

2730 12TH STREET SOUTH
SAINT PETERSBURG, FLORIDA 33705
PHONE #813-898-6004

3637 4TH STREET NORTH
SAINT PETERSBURG, FLORIDA 33704
BATCH #96903352

MDS005209

DATE	SCALE	QUOTE	SER. NO.
06/09/2005	-NTS-	MDS005209	

06/09/2005

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*** OVERTURNING AND SLIDING ***
WIND PER ASCE 7-98
psi:=lb/in squ.
PLF:=lb/ft psf:=lb/ft squ.

*** VARIABLES ***
BUILDING WIDTH BW:=23.33 ft.
OVERHANG LENGTH OL:=2.in.
ROOF DEAD LOAD RD:=8 PSF.
FLOOR DEAD LOAD FD:=8 PSF.
WALL DEAD LOAD WD:=5 PSF
WALL HEIGTH WH:=10.0 ft.
INCLUDES TRUSS HEAL AND FLOOR
IMPORTANCE FACTOR I:=1.0
NO. OF MODULES NM:=2
MAX BUILDING LENGTH BL:=36'-0"
PARA. TO I-BEAM
EXPOSURE CATAGORY = C
WIND SPEED IN MPH V:=130
VOLOCITY PRESSURE Exp: KZ:=0.85
TOPOGRAPHIC FACTOR, Kzt = 1.0

*** COEFFICIENTS ***
INTERNAL GCpi:=0.18
WINDWARD WALL WWCp:=0.53
WINDWARD ROOF WRCp:=0.69
LEEWARD ROOF LRCp:=0.48
LEEWARD WALL LWCp:=0.43
OVERHANG OCp:=0.8
WIND DIRECTION FACTOR: Kd: = 0.85
VELOCITY PRESSURE EXP.: Kz: = 0.85
TOPOGRAPHIC FACTOR: Kzt = 1.0
MAX. ROOF PITCH ANGLE AT SIDEWALL (DEG) RA = 5
DISTANCE FROM BUILDING CENTERLINE TO
OVERTURNING POINT A:=9.0ft.
DISTANCE FROM TURNING POINT TO TIE DOWN
STRAPPING B:=18.0 ft.
TIE DOWN STRAP WORKING CAPACITY:=FTD=3150 lb. (4,725 lb. ACTUAL DIVIDED BY 1.5 SAFETY FACTOR = 3,150 lb.
ANGLE BETWEEN TIE DOWN STRAP AND GROUND TA:=45
DEGREES
NO. OF VERTICAL STRAPS AT MATELINE VS:=0
VERTICAL TIE DOWN STRAPPING WORKING VERTICAL
CAPACITY VTD:=3150 lb

*** OVERTURNING ***
WIND PRESSURE Q:=0.00256 Kd.Kz.Kzt.I (IV)squ.PSF
WINDWARD WALL WW:=WWCp
WINDWARD ROOF WR:=WRCp − GCpI
LEEWARD ROOF LR:=LRCp − GCpI
LEEWARD WALL LW:=LWCp
WINDWARD OVERHANG WOH:=WRCp − OCp
LEEWARD OVERHANG LOH:=LRCp − OCp

RH = 0.5.BW.tan(RA.deg) HLw: =(WW−LW).q.WH HLr: =(WR−LR).q.RH
HLri: =if[(HLr < 0.pif),0.pif,HLr]

OTh:= HLw.(WH.0.5)+ HLri.(WH+RH.0.5)
OTv:=−WR.q(BW.0.5). [A+(BW.0.25)] +−LR.q(BW.0.5). [A−(BW.0.25)]

$$OToh:=\left[\frac{BW}{2}+A+\frac{OL}{2}\right]q\ OL\ WOH+\left[\frac{BW}{2}-A+\frac{OL}{2}\right]q\ OL-LOH$$

OTd:= (RD + FD) BW A + WD WH 2 A

$$OTvs:=\frac{[VTD\ VSI\ (NM-1)\ A]}{BL}$$

$$VL:=\frac{OTh+OTv+OToh-(OTd.0.6)-OTvs}{B}\qquad VL=318.53plf$$

VL1:= if [(VL < 1.0plf),1.0plf,VL] VL1=318.53plf

*** SLIDING ***
DOWNWARD REACTION:
TAKING MOMENTS AT WINDWARD I-BEAM

$$\frac{[OTh+OTD-OToh+[LR.q.(BW.0.5).[A+(BW.0.25)]]+[WR.q(BW.0.5).[A-(BW.0.25)]]}{B}$$

DR1:= If [(DR < 0pif),0pif, DR] DR1:= 27.03plf

DR2:= If [(VL < 0pif), VL , 0pif)] DR2:=0plf

DR3:= DR1 + DR2 DR3:= 27.03plf

DR4:= If [(DR3 < 0pif),0pif , DR3] DR4:=27.03plf
DR5:= If [(NM < 2),0pif , DR4] DR5:= 27.03plf

Fu:= If [(0.2.DR5 < 25plf),0.2.DR5..25plf] FU = 5.1plf

HL:=HLw + HLri −Fu HL:=342.62plf
HL1:= If [(HL < 1.0 PLF) ,1.0 PLF, HL)] HL1:=342.62plf

*** SUMMARY ***
STRAP VERTICAL CAPACITY
VC:=FTD sin(TA DEG) VC= 2227.39 lb

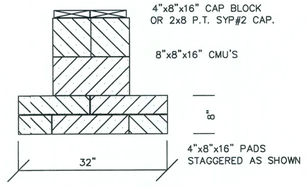
STRAP HORIZONTAL CAPACITY
HC:=FTD cos(TA DEG) HC= 2227.39 lb

$$SSv:=\frac{VC}{VL1}\qquad SSv = 6.99\ ft$$

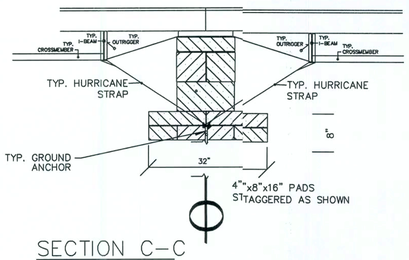
$$SSh:=\frac{HC}{HL1}\qquad SSh = 6.5\ ft$$

SS:= If [(SSv < SSh),SSv,SSh]

*** MAXIMUM TIE DOWN SPACING ***
SS=6.5 ft.

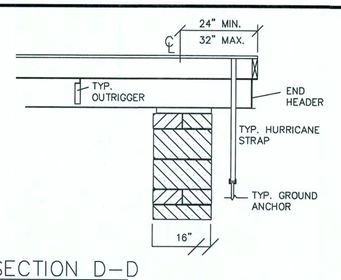


SECTION B-B



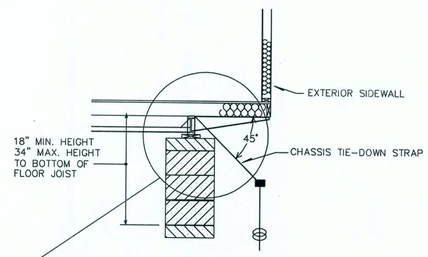
SECTION C-C

J FDI ISOLATED PIER TIE-DOWN AT MATELINE

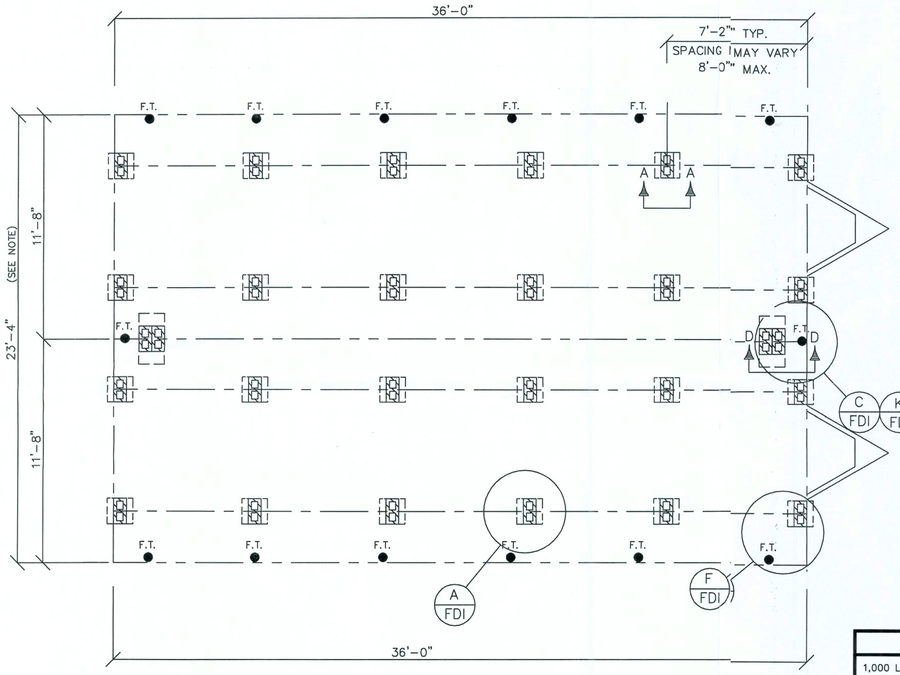


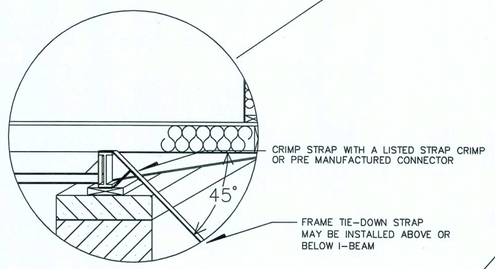
SECTION D-D

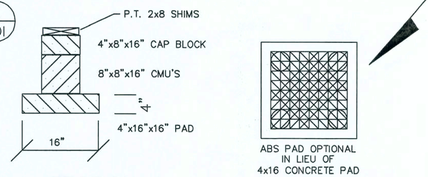
K FDI ENDWALL PIER TIE-DOWN AT MATELINE



F FDI TIE DOWN, SIDEWALL (TYP.)







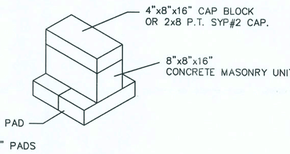
SECTION A-A

DEPARTMENT OF HIGHWAY SAFETY AND MOTOR VEHICLES CHAPTER 15C-1.0103

MAX PIER LOADS IN POUNDS BASED ON SOIO VALUES					
1,000 LB SOIL	1500 LB SOIL	2,000 LB SOIL	2,500 LB SOIL	3,000 LB SOIL	REMARKS
1,780	2,670	3,560	4,450	5,340	MAX 5,340

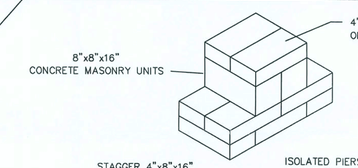
TOTAL BUILDING LOAD LIVE AND DEAD = 67,190.4#
DEVIDED BY 24 PIERS = 2,800# USE 2,000# SOIL CHART

NOTE: STRAP SPACING MAY VARY DUE TO SITE CONDITIONS
NOTE: STRAP SPACING 6'-6" O.C. MAX.
FRAME TIES ONLY, NO OVER ROOF
STRAPS REQUIRED. SEE DETAIL F-FD1
FIRST STRAP FROM END WALLS NOT TO EXCEED 3'-4"



A FDI PERIMETER PIER IN CORNERS AND ALONG I BEAMS

NOTE: PAD MAY BE EITHER 4"x16"x16" PAD OR (2)-4"x8"x16" PADS AS SHOWN
SEE SECTION A-A BELOW FOR OPTIONAL ABS PADS



C FDI HEAVY LOAD PIER AT MATE LINE

NOTE: CONCRETE UNITS MAY BE A COMBINATION OF 4" X 8" X 16", AND 4" X 16" X 16" UNITS

● = FRAME TIES
F.T. FASTENED TO
GROUND ANCHOR

ANCHOR TO BE INSTALLED IN ACCORDANCE WITH IT,S LISTING AND TIE-DOWN ENGINEERING TEST REPORT PROPOSAL #39
THE ULTIMATE CAPACITY IS 5,100# PER ANCHOR > 4,725# OK

FOUNDATION NOTES:

1. TIE-DOWN STRAPS TO BE 1-1/4" X .035 GALVANIZED STEEL FEDERAL SPECIFICATION QQS-781-H TYPE-1 FINISH-B GRADE-1. TIE-DOWN STRAPS AND CONNECTING HARDWARE TO HAVE 4,725# MINIMUM ULTIMATE CAPACITY. LISTED ANCHORS TO HAVE 3,150# MINIMUM WORKING LOAD CAPACITY.
2. SEE ABOVE FOUNDATION LAYOUT FOR TIE-DOWN STRAP SPACING.
3. ALL PIERS SHALL BE 8" X 8" X 16" MASONRY BLOCKS ON 4" X 16" X 16" CONCRETE PADS, EXCEPT AS OTHERWISE NOTED ON FOUNDATION PLAN.
4. MINIMUM SOIL BEARING CAPACITY IS 2000 PSF. TO BE VERIFIED BY BUILDING'S OWNER.
5. IT WILL BE THE BUILDING OWNER'S RESPONSIBILITY TO INSURE THAT ALL GRASS, LOOSE DEBRIS, ETC. ARE REMOVED FROM UNDER THE BUILDING,(FOOTING) AND THAT THE GROUND IS LEVELED TO WITHIN 6" AND FIRMLY COMPACTED.
6. WOOD SHIMS MAY BE INSTALLED WHEN NECESSARY, BETWEEN THE I-BEAM AND THE TOP OF THE PIER. SHIMS SHALL BE FREE OF KNOTS, CHECKS, SPLITS, AND SIMILAR IMPERFECTIONS. SHIMS SHALL BE OF P.T. LUMBER AND BEARING AT ALL CONTACT POINTS SHALL NOT BE LESS THAN 2/3 OF THE BEARING PRIOR TO ADDING THE SHIMS.
7. NOTE ALL MASONRY PIERS MAY BE INSTALLED IN A DRY STACK.

NOTE-
OVERALL WIDTH DIMENSION IS NOMINAL AND IS BASED ON 1 UNIT WIDTH x NUMBER OF UNITS. ACTUAL OVERALL WIDTH MAY INCREASE DUE TO SITE CONDITIONS, MATERIAL TOLERANCES, FAILURE TO REMOVE CLOSE-UP MATERIAL, AND / OR OTHER FACTORS THAT ARE BEYOND THE CONTROL OF BUILDING MANUFACTURER

FIELD CONDITIONS WITH DRY STACK PIERS GREATER THAN 34" SHALL REQUIRE FOUNDATIONS TO BE ENGINEERED BEYOND THIS APPROVAL.

MAXIMUM WIND SPEED 130 MPH. ASCE-7-98
ALL TIE DOWN ANCHORS SHALL HAVE MINIMUM 4725 LB. CAPACITY AND SHALL BE INSTALLED IN ACCORDANCE WITH THEIR FLA. LISTING

GE Capital Modular Space

JOHN A. BODZIAK
ARCHITECT
3637 4TH STREET NORTH
SAINT PETERSBURG, FLORIDA 33704
LICENSE #AR-0005065

M.D.S.
LISTING AGENCY
2730 12TH STREET SOUTH
SAINT PETERSBURG, FLORIDA 33705
PHONE ~~(813)~~ 898-6004 727-822-2207

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