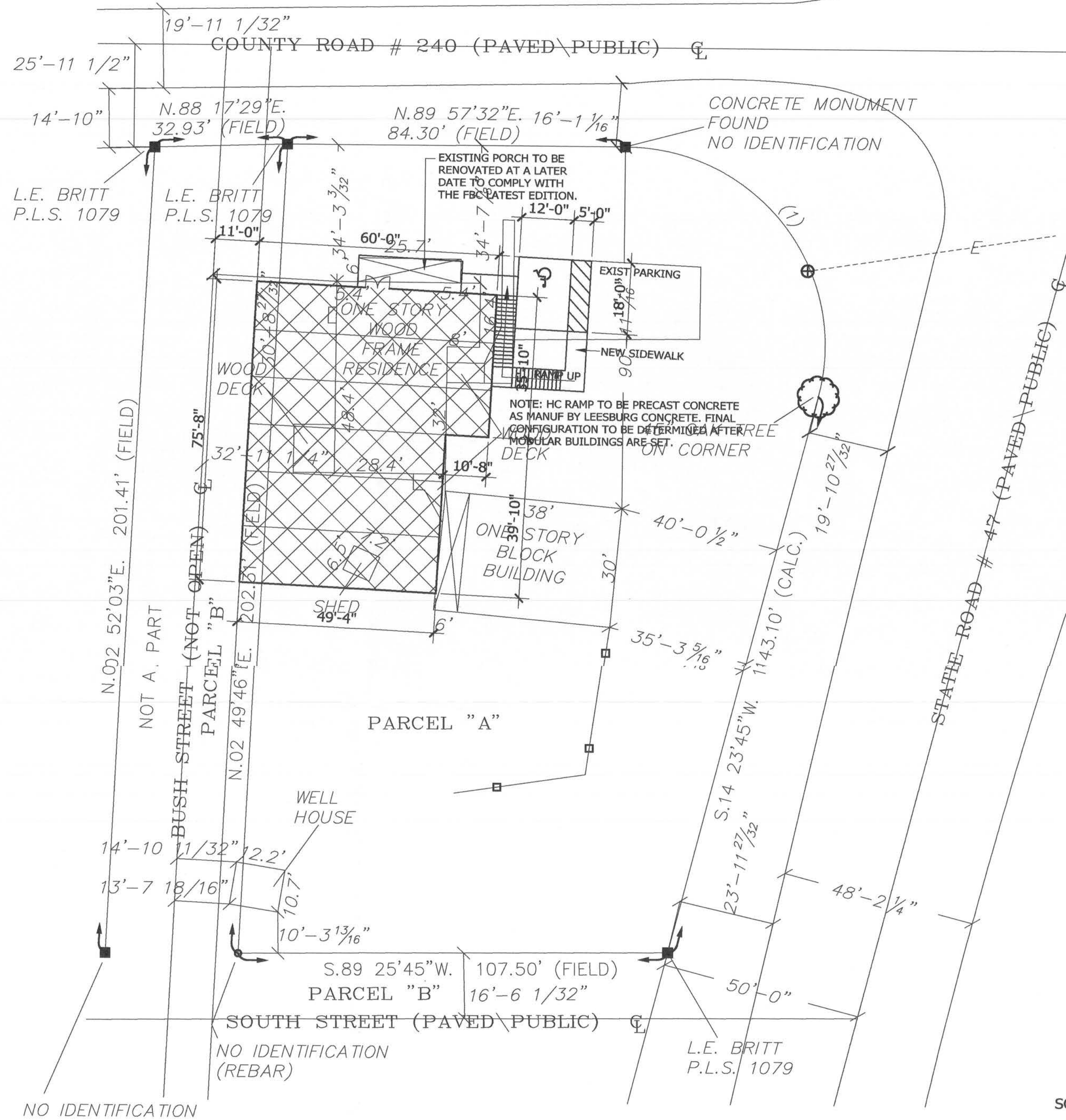
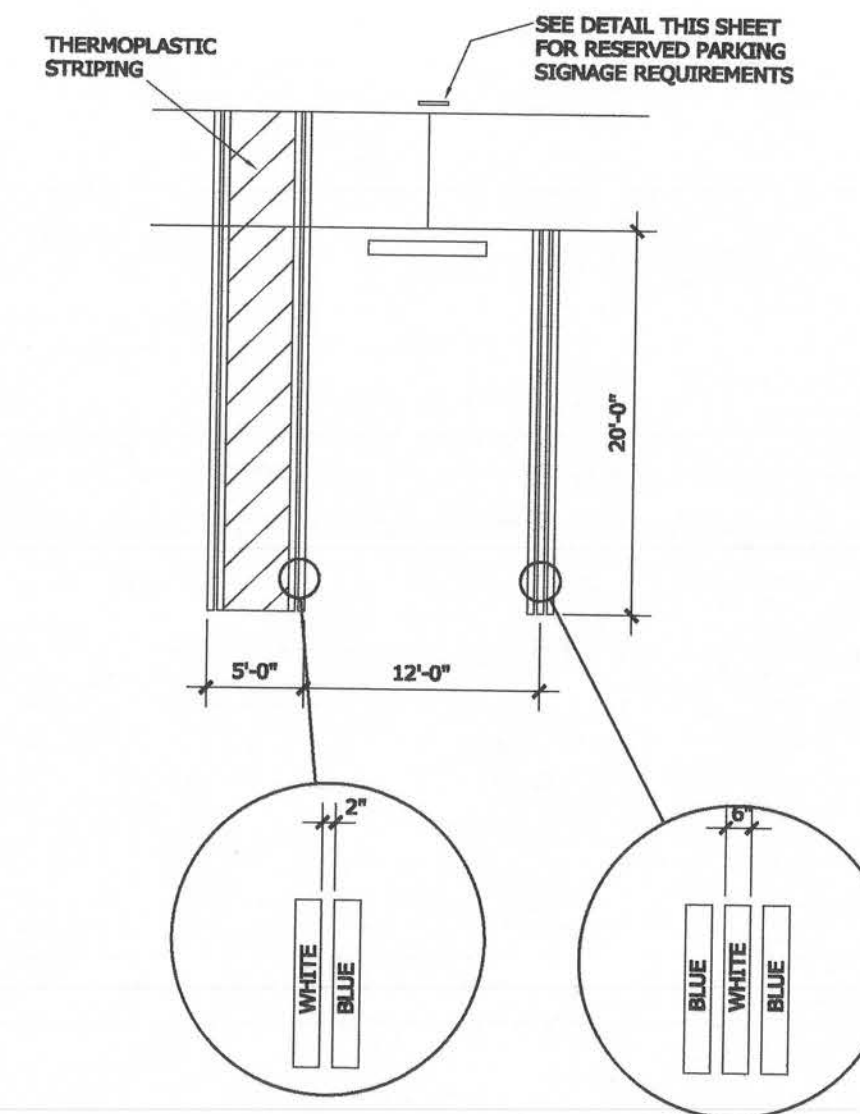
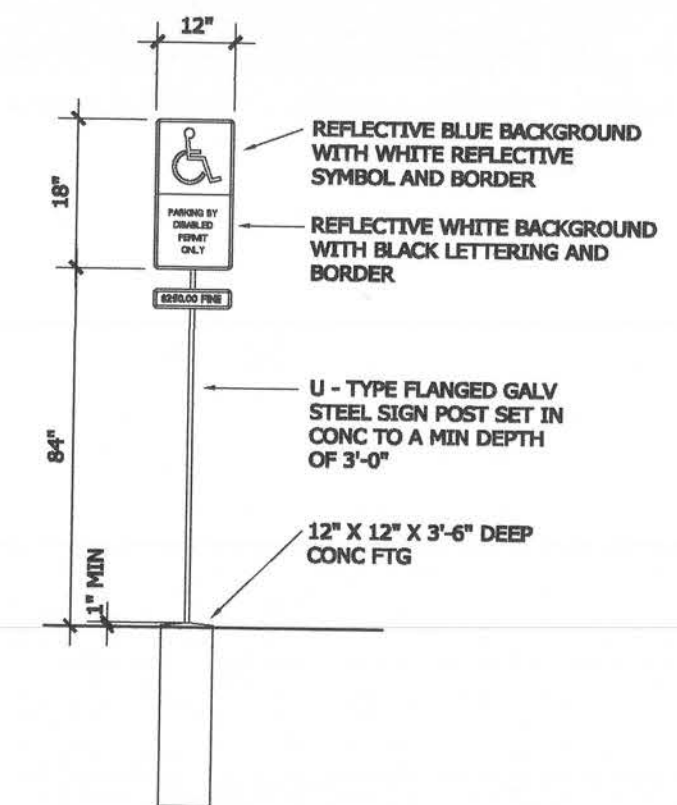




SCALE: 1" = 20'



HANDICAPPED PARKING SIGN
NO SCALE



SITE PLAN

REVISIONS

8/2/2007

C-1

SHEET OF

WEE CARE Preschool + Daycare
LAKE CITY, FLORIDA 32024
6170 SW CR 240

DAVID HAYNES AIA ARCHITECT
JACKSONVILLE FL 32210 381.8894
4658 VERONA AVE

AR0005415 8-2-07

GENERAL NOTES:

- ACCESS TO BUILDING FOR PERSONS IN WHEELCHAIRS IS DESIGNED BY AND FIELD BUILT BY OTHERS AND SUBJECT TO LOCAL JURISDICTION APPROVAL. THE PRIMARY ENTRANCE MUST BE ACCESSIBLE.
- ALL DOORS SHALL BE OPERABLE FROM THE GROSS SIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS SHALL NOT BE USED.
- ALL GLAZING WITHIN 24" OF DOORS, WHOSE BOTTOM EDGE IS LESS THAN 60" ABOVE THE FLOOR, AND ALL GLAZING IN DOORS SHALL BE SAFETY, TEMPERED OR LAMINATED GLASS.
- FLOOR DESIGN LIVE LOAD - 40 PSF
- WIND DESIGN WIND SPEED - 115 MPH
- SEISMIC DESIGN CATEGORY - (A)
- OCCUPANCY IS DAYCARE (INFANT AND UP)
- OCCUPANT LOAD IS 80 BASED ON 1 PERSON PER 35 SQUARE FEET IN DAYCARE AREA AND 100 SQUARE FEET PER PERSON ELSEWHERE.
- ALL STEEL STRAPS REFERENCED ON FLOOR PLAN SHALL BE 1.5 INCH X 26 GA. WITH 8" - 15 GA. X 7/16 INCH CROWN X 1 INCH STAPLES EACH END OF STRAP OR EQUIVALENT FROM RIDGE BEAM TO COLUMN, AND COLUMN TO FLOOR.
- PORTABLE FIRE EXTINGUISHER PER N.F.P.A. - 10 INSTALLED BY OTHERS ON SITE, AND SUBJECT TO LOCAL JURISDICTION.
- CONSTRUCTION TYPE (V) (UNSPRINKLERED/UNPROTECTED).
- PROVISIONS FOR DIRECT DISCHARGE LIGHTING ARE THE RESPONSIBILITY OF THE BUILDING OWNER AND SUBJECT TO LOCAL JURISDICTION APPROVAL WHEN NOT SHOWN ON THE FLOOR PLAN (INCLUDING EMERGENCY LIGHTING WHEN REQUIRED).
- THIS BUILDING REQUIRES A FIRE SEPARATION DISTANCE GREATER THAN 30 FEET.
- LOCAL JUDICIAL APPROVAL
- WHEN BUILDINGS ARE INSTALLED IN WIND-BORNE REGIONS, EXTERIOR GLAZING SHALL BE IMPACT RESISTANT OR PROTECTED WITH AN IMPACT RESISTANT COVERING, UNLESS INDICATED OTHERWISE IN THE SPECIFICATIONS FOR BUILDING. THE GLAZED OPENING PROTECTION WILL BE PROVIDED BY WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 7/16" WHICH ARE PREPARED TO COVER THE GLAZED OPENINGS, AND ATTACHED WITH 2 1/2" X #8 WOOD SCREWS ARE TO BE PROVIDED ON SITE BY THE OWNER, SUBJECT TO LOCAL APPROVAL.
- WOOD-BORNE REGIONS ARE DESIGNATED IN FIGURE 1009 OF THE IRC.
- WINDOWS AND DOORS MUST BE CERTIFIED FOR COMPLIANCE WITH THE WIND DESIGN PRESSURE FOR COMPONENTS AND CLADDING.
- EVERY CLOSED DOOR LATCH SHALL BE SUCH THAT CLIENTS CAN OPEN DOOR FROM INSIDE OF CLOSET.
- EVERY BATHROOM DOOR LATCH SHALL BE DESIGNED TO ALLOW OPENING OF THE LOCKED DOOR FROM THE OUTSIDE BY AN OPENING DEVICE THAT SHALL BE READILY ACCESSIBLE TO THE STAFF.
- EXIT DOORS TO REMAIN OPENABLE DURING BUSINESS HOURS FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE.
- ALL SINGLE OCCUPANT TOILET ROOMS ARE TO HAVE PRIVATE LATCHSETS.
- THE RAISED SEAL SET OF PLANS ARE ON FILE IN THE THIRD PARTY AGENCY'S OFFICE AS DIRECTED BY DCA.
- THESE PLANS COMPLY WITH THE 2004 FBC W/2005, 06, 07 SUPPLEMENTS.
- THESE PLANS COMPLY WITH RULE 9B-72 (PRODUCT APPROVAL)
- LIFE SAFETY PLAN REVIEW AND INSPECTION SHALL BE PERFORMED BY LOCAL AUTHORITY HAVING JURISDICTION.
- APPROVED DOMESTIC COOKING EQUIPMENT USED FOR FOOD WARMING OR LIMITED COOKING SHALL NOT BE REQUIRED TO BE PROTECTED, OTHERWISE COOKING FACILITIES SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 9.2.3 OF NFPA 101.

ELECTRICAL NOTES:

- ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRICAL CODE (NEC).
- NON LIGHT FIXTURES ARE INSTALLED IN CLOSETS THEY SHALL BE SURFACE MOUNTED OR RECESSED. NONRECESSED FIXTURES SHALL HAVE COMPLETELY CLOSED LAMPS. SURFACE MOUNTED NONRECESSED FIXTURES SHALL HAVE MINIMUM CLEARANCE OF 12 INCHES AND ALL OTHER FIXTURES SHALL HAVE MINIMUM CLEARANCE OF 6 INCHES FROM STORAGE AREA AS DEFINED BY 501.410-80.
- WHEN WATER HEATERS ARE INSTALLED THEY SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE WATER HEATERS SERVED. THE RATCH CIRCUIT SWITCH OR CIRCUIT BREAKER SHALL BE PERMITTED TO SERVE THE DISCONNECTING MEANS ONLY WHERE THE SWITCH OR CIRCUIT BREAKER WITHIN SIGHT FROM THE WATER HEATER OR IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION.
- VAC 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 FAULTY ACCESSIBLE CIRCUIT BREAKER.
- FOR TO ENERGIZING THE ELECTRICAL SYSTEM, THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED AND VERIFIED AS BEING IN COMPLIANCE WITH SECTION 110-3 OF THE NEC BY LOCAL ELECTRICAL CONSULTANT.
- IF MAIN ELECTRICAL PANEL AND FEEDERS ARE DESIGNED BY OTHERS, SITE SHALL BE SUBJECT TO LOCAL JURISDICTION APPROVAL.
- ALL CIRCUITS CROSSING OVER MODULE MOUNTING LINES SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBLE JUNCTION BOXES, OR CABLE CONNECTORS.
- ALL RECEPTACLES INSTALLED IN HOT LOCATIONS (EXTERIOR) SHALL BE IN WEATHER RESISTANT (WR) ENCLOSURES. THE INTEGRITY OF WHICH IS NOT AFFECTED WHEN AN ATTACHMENT PLUG CAP IS INSERTED OR REMOVED.
- EXTERIOR LIGHTS NOT INTENDED FOR 24 HOUR USE SHALL BE CONNECTED TO A PHOTOCELL OR TIMER.

PLUMBING NOTES:

- TOILETS SHALL BE ELONGATED WITH NONABSORBENT OPEN FRONT SEATS. REST ROOM WALLS SHALL BE COVERED WITH NONABSORBENT MATERIAL TO A MINIMUM HEIGHT OF 48 INCHES A.F.F.
- FLOORS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE THAT EXTENDS UPWARD ONTO THE WALLS AT LEAST 6 INCHES.
- PIPING IN UNCONDITIONED SPACES MUST BE PROTECTED WITH INSULATION HAVING A MINIMUM R FACTOR OF 4.5 IN ACCORDANCE WITH SECTION 308.6.
- ALL PLUMBING FIXTURES SHALL HAVE SEPARATE SHUTOFF VALVES.
- WATER HEATER SHALL HAVE SAFETY PAN WITH 1 INCH DRAIN TO EXTERIOR. T & P RELIEF VALVE WITH DRAIN TO EXTERIOR, AND A SHUT OFF VALVE WITHIN 3 FEET ON A COLD WATER SUPPLY LINE.
- DWV SYSTEM SHALL BE EITHER ABS OR PVC - DWV.
- WATER SUPPLY LINES SHALL BE POLYETHYLENE, CPVC, OR COPPER. WHEN POLYETHYLENE SUPPLY LINES ARE INSTALLED THE MAXIMUM WATER HEATER TEMPERATURE SETTING IS 180°F. THE POLYETHYLENE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS LIMITATIONS AND INSTRUCTIONS.
- WATER CLOSETS ARE TANK TYPE AND URINALS ARE FLUSH TANK TYPE UNLESS OTHERWISE SPECIFIED.
- BUILDING DRAIN AND CLEANOUTS ARE DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL.
- SHOWERS SHALL BE CONTROLLED BY AN APPROVED MIXING VALVE WITH A MAXIMUM WATER OUTLET TEMPERATURE OF 120°F (48.9°C).
- THERMAL EXPANSION DEVICE, IF REQUIRED BY WATER HEATER INSTALLED, AND IF NOT SHOWN ON PLUMBING PLAN, IS DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL APPROVAL.
- WATER PIPES INSTALLED IN A WALL EXPOSED TO THE EXTERIOR SHALL BE LOCATED ON THE HEATED SIDE OF THE WALL INSULATION. WATER PIPING INSTALLED IN AN UNCONDITIONED ATTIC SHALL BE INSULATED WITH AN INSULATION OF R-6.5 MINIMUM.

STRUCTURAL LOAD LIMITATIONS

- FLOOR LIVE LOAD:
- 40 PSF
 - 1000 LB. CONCENTRATED LOAD OVER 30" X 30" AREA LOCATED ANYWHERE ON FLOOR.
- ROOF LIVE LOAD:
- 20 PSF
- BUILDING CATEGORY II
- WIND LOAD:
- 130 MPH
 - WIND SPEED
 - WIND IMPORTANCE FACTOR
 - WIND EXPOSURE CATEGORY
 - INTERNAL PRESSURE COEFFICIENT
 - SOI = 0.18
 - SW = 0.32 PSF WALL COMPONENT & CLADDING LOAD
 - FW = 64.0 PSF ROOF COMPONENT & CLADDING LOAD
 - OVERHANGS: ZONE 2= 81.6 PSF ZONE 3= 101.3 PSF
- THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON THE UPPER HALF OF A HILL OR ESCARPMENT EXCEEDING 15 FEET IN HEIGHT.
- FLOOR LOAD:
- THIS BUILDING IS NOT DESIGNED TO BE LOCATED IN A FLOOD HAZARD AREA.

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 THE DOWN SYSTEM.
 - RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING.
 - PORTABLE FIRE EXTINGUISHERS.
 - DRINKING FOUNTAIN, BUILDING DRAINS, CLEANOUTS, AND HOODS-UP TO PLUMBING SYSTEM.
 - ELECTRICAL SERVICE HOOD-UP (INCLUDING FEEDERS) TO THE BUILDING.
 - GLAZING OPENING PROTECTION-SEE GENERAL NOTE 16.
 - GUTTER AND DOWN SPOUTS.
 - PORTABLE FIRE EXTINGUISHER.
 - EXIT DISCHARGE LIGHTING (INCLUDING EMERGENCY)
 - FLORIDA FIRE PREVENTION CODE PLAN REVIEW & INSPECTION.
 - ALL ITEMS SHALL BE PERFORMED ON SITE BY OTHERS, SUBJECT TO LOCAL APPROVAL.
 - FIRE ALARM SYSTEM (IF APPLICABLE)

FOUNDATION:

IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF COMMUNITY AFFAIRS, THESE BUILDING PLANS DO NOT CONTAIN FOUNDATION SUPPORT AND THE DOWN SYSTEM DETAILS AND SPECIFICATIONS. THE ARCHITECT / ENGINEER OF BUILDING PLANS SHOULD BE CONTACTED TO OBTAIN APPROPRIATE FOUNDATION PLANS. IF FOUNDATION PLANS ARE DESIGNED BY OTHERS, THE ARCHITECT/ENGINEER OF BUILDING PLANS SHALL NOT BE HELD RESPONSIBLE OR LIABLE FOR THE FOUNDATION DESIGN AND THE CONSEQUENTIAL PERFORMANCE OF THE SUPERSTRUCTURE'S STRUCTURAL COMPONENTS AND SYSTEMS RELATING THERETO.

SYMBOLS

- SMOKE DETECTOR
- DUPLEX RECEPTACLE 120 V.
- SINGLE RECEPTACLE 240 V.
- NONRECESSED LIGHT WITH 1-60 IN. BULB
- VENT FAN
- CONV. VENT FAN & LIGHT
- SUPPLY AIR REGISTER
- RETURN AIR REGISTER
- FLOOR LIGHT 2-150W BULBS
- SWITCH ONLY
- FIRE ALARM PULL STATION
- FIRE ALARM HORN/STROBE
- FIRE ALARM STROBE LIGHT
- THERMOSTAT
- FLUORESCENT FIXTURE WITH 2-30W TUBES
- EXIT SIONS
- JUNCTION BOX OPEN POWERED UNLESS CIRCUIT NO. IS SHOWN
- TELEPHONE JACK
- SWITCH & 3 WAY SWITCH
- EMERGENCY LIGHT WITH BATTERY BACKUP

ELEVATION NOTES: TYPICAL

- SEE-CROSS SECTION FOR METHOD OF ROOF VENTILATION
- ACCESSIBLE MIRRORS, STOVES, AND HANDRAILS ARE SITE INSTALLED, DESIGNED BY OTHERS, AND SUBJECT TO LOCAL JURISDICTION.
- FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1 SQUARE FOOT VENT AREA PER 1.15 SQ. FT. OF FLOOR AREA, AND AN 18" X 24" MINIMUM CRAWL SPACE ACCESS. SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION.

ACCESSIBILITY NOTES:

- THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN SHALL BE DISPLAYED AT ALL ACCESSIBLE RESTROOM FACILITIES AND 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 FLOOR (48 INCHES MAXIMUM ABOVE THE FLOOR FOR INDIVIDUALS IN WHEELCHAIRS). ADDITIONALLY, DRINKING WATER CLOSETS SHALL BE PROVIDED FOR INDIVIDUALS WHO USE WHEELCHAIRS.
- WHERE STORAGE FACILITIES SUCH AS CABINETS, SHELVES, CLOSETS, AND DRAWERS ARE PROVIDED, THEY SHALL BE ACCESSIBLE TO INDIVIDUALS WHO USE WHEELCHAIRS. SPACE COMPLYING WITH THE FOLLOWING: DOORS, ETC. TO SUCH SPACES SHALL BE ACCESSIBLE (A) TOUCH LATCHES (B) SHARP EDGES (C) SPACES SHALL BE 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 ROBS SHALL BE A MINIMUM OF 54 INCHES ABOVE THE FLOOR (48 INCHES MAXIMUM WHEN DISTANCE FROM WHEELCHAIR TO ROD EXCEEDS 10 INCHES).
- DOORS FOR SIDE APPROACH TO OPERABLE EQUIPMENT SHALL BE NO HIGHER THAN 45 INCHES ABOVE THE FLOOR FOR FRONT APPROACH OR 54 INCHES ABOVE THE FLOOR FOR SIDE APPROACH.
- 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 5 INCHES BELOW CEILING, WHICHEVER IS LOWER.
- ALL DOORS SHALL BE OPERABLE 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.
- FLOOR SURFACES SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. CHANGES IN LEVEL BETWEEN 0.25 INCH AND 0.5 INCH SHALL BE ROULED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 0.5 INCH REQUIRE RAMPS. CARPET PILE THRESHOLDS SHALL BE 0.5 INCH MAX. 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.
- ACCESSIBLE WATER CLOSETS SHALL BE 17 INCHES TO 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 MINIMUM WHEN LOCATED ALONG SIDE OF WATER CLOSET, AND SHALL BE MOUNTED 33 INCHES TO 36 INCHES ABOVE THE FLOOR.
- ACCESSIBLE URINALS SHALL BE STALL-TYPE OR WALL HUNG WITH ELONGATED RIMS AT A MAXIMUM OF 17 INCHES ABOVE THE FLOOR.
- 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 CLOSET.
- 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 8.5 INCHES MAXIMUM.
- HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. INSULATION OR PROTECTION MATERIALS MAY BE SITE INSTALLED. THERE SHALL BE NO SHARP ABRASIVE SURFACES UNDER ACCESSIBLE LAVATORIES AND SINKS.
- ACCESSIBLE LAVATORIES AND SINKS SHALL HAVE ACCESSIBLE FAUCETS (A) LEVER-OPERATED, PUSH-TYPE, ELECTRONICALLY CONTROLLED).
- WHERE MIRRORS ARE PROVIDED IN REST ROOM, AT LEAST ONE SHALL BE PROVIDED WITH ITS BOTTOM EDGE NO HIGHER THAN 40 INCHES ABOVE THE FLOOR.
- WHERE MEDICINE CABINETS ARE PROVIDED, AT LEAST ONE SHALL BE LOCATED WITH A USABLE SHELF NO HIGHER THAN 44 INCHES ABOVE THE FLOOR.
- GRAB BARS REQUIRED FOR ACCESSIBILITY SHALL BE 1.25 INCHES TO 1.5 INCHES IN DIAMETER WITH 1.5 INCHES CLEAR SPACE BETWEEN THE BAR AND THE WALL.
- WATER CLOSET FLUSH CONTROL SHALL BE MOUNTED ON THE WEST SIDE OF THE TOILET AREA.
- DOORS TO ALL ACCESSIBLE SPACES SHALL HAVE ACCESSIBLE HARDWARE (A) LEVER-OPERATED, PUSH-TYPE, U-SHAPED) MOUNTED NO HIGHER THAN 48 INCHES ABOVE THE FLOOR.
- TOILET STALL DOORS SHALL BE THE SELF-CLOSING TYPE.
- A TOWEL DISPENSER SHALL BE LOCATED ADJACENT TO ALL ACCESSIBLE LAVATORIES.
- THE ABOVE REQUIREMENTS SHALL BE MODIFIED AS FOLLOWS FOR ALL LUNGING FACILITIES PROVIDED INSIDE CLASSROOMS:
- DRINKING FOUNTAINS SHALL HAVE A SPOUT HEIGHT NO HIGHER THAN 30" MEASURED FROM THE FLOOR SURFACE TO THE SPOUT OUTLET.
- DRINKING FOUNTAINS SHALL HAVE A CLEAR KNEE SPACE BETWEEN THE BOTTOM OF THE APRON AND THE FLOOR OF AT LEAST 24" HIGH AND 8" DEEP. CLEAR TOE SPACE SHALL BE 12" HIGH MINIMUM.
- THE CENTERLINE OF WATER CLOSETS SHALL BE 12" FROM THE ADJACENT WALL.
- WATER CLOSET SEAT HEIGHT SHALL BE 12" A.F.F.
- GRAB BARS SHALL HAVE A DIAMETER OF 1" TO 1 1/4" AND SHALL BE MOUNTED 20" A.F.F.
- TOILET PAPER DISPENSERS SHALL BE MOUNTED 14" A.F.F.
- LAVATORIES SHALL BE MOUNTED WITH A RIM HEIGHT NO HIGHER THAN 30" A.F.F. AND A CLEARANCE OF 27" MIN. MEASURED FROM THE FLOOR TO THE BOTTOM OF THE APRON. KNEE SPACE SHALL BE 24" MIN. IN HEIGHT AND 8" MIN. IN WIDTH. CLEAR TOE SPACE SHALL BE 12" MINIMUM IN HEIGHT, AND 8" DEEP. CLEAR TOE SPACE SHALL BE 12" HIGH MINIMUM.

MECHANICAL NOTES:

- ALL SUPPLY AIR REGISTERS SHALL BE 10 INCHES X 10 INCHES ADJUSTABLE WITH 10 INCHES X 20 INCHES (INDENT) OVERHEAD FRIGERLESS DUCT, UNLESS OTHERWISE SPECIFIED. DUCTS IN UNCONDITIONED SPACES SHALL HAVE R-5 MINIMUM INSULATION EXCEPT DUCTS EXPOSED TO VENTILATED ATTICS AND CRAWL SPACES SHALL HAVE R-5.5 INSULATION.
- INTERIOR DOORS SHALL BE UNDERCUT 1.5 INCHES ABOVE FINISHED FLOOR FOR AIR RETURN AND/OR AS NOTED ON FLOOR PLAN.
- HVAC EQUIPMENT SHALL BE EQUIPPED WITH OUTSIDE FRESH AIR INTAKES PROVIDING 15 CFM FOR EACH OCCUPANT.
- RESTROOM VENT FANS SHALL PROVIDE 75 CFM OR MORE EXHAUST PR WATER CLOSET OR URINAL.
- VENTILATION SYSTEM SHALL OPERATE CONTINUOUSLY WHEN BUILDING IS OCCUPIED.

DRAWING INDEX

- 1 OF 3 COVER SHEET
- 2 OF 3 FLOOR PLAN
- 3 OF 3 CROSS SECTION
- 1 OF 1 FOUNDATION

LISTING AGENCY APPROVAL

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

CONST. TYPE	V
OCCUPANCY	1
FLOOR LL	0 PSF
WIND VELOCITY	135 MPH
FIRE RATING OF EXT. WALLS	0 HRS
ALLOWABLE NO. OF FLOORS	1
MANUFACTURER	FIRST STRING
PLAN NUMBER	155159
APPROVAL DATE	8/26/07
RADCO	

Reviewed By:

Robert A. Johnson

Florida Modular Plans Examiner

No. SMP - 0000029

CODE SUMMARY:

STATE	BUILDING	ELECTRICAL	MECHANICAL	PLUMBING	ACCESSIBILITY
FLORIDA	2004 FBC W/05 06, 07 SUPPLEMENT 2004 FBC 2003 NFPA 101	2005 NEC	2004 FMC W/05 06, SUPPLEMENTS	2004 FPC W/05, 06, SUPPLEMENTS	FBC CHAPTER 11

ROBERT E. GREGG
REGISTERED ARCHITECT NO. 9927
630 CHESTNUT ST.
CLEARWATER, FLORIDA 33756
(727) 796-8774

APPROVED AUG 03 2007

FIRST STRING SPACE

PEARSON, GEORGIA 31642 (912) 422-6455

DATE: 7-3-07	THIRD PARTY: RADCO
SCALE: AS NOTED	5456 CRENSHAW ST. TAMPA, FLORIDA 33634 813-243-070
CODES: SEE NOTES	REVISIONS:
STATES: FL	FS1519 A-F 60 X 76 DAYCARE
COVER SHEET	DESIGNATION: LEAK CITY

FILE COPY

ELECTRICAL SCHEDULE 'A'				
CIRCUIT	HOMOLOGATURE	BREAKER (AMPS)	WIRE (DCL)	
1, 3	HVAC	60A(2P)	#2-8 AWG BRD.	
2	WATER HEATER	30 A (2P)	12-2 NM	
3	RECEPTACLES/FAN	20 A	12-2 NM	
4	LIGHTING	20 A	12-2 NM	

ELECTRICAL PANEL SIZING:

DESCRIPTION	PANEL 'A'	KVA
GENERAL LIGHTING	2000 KW/SP X 864 SF X 1.25=	2.7
12 RECEPTS AT 180VA/1000=		2.2
WATER HEATER 6.5 KW =		1.8
3 FAN(S) AT .3 KW X 1.25=		1.1
HVAC		10.5
TOTAL	16.6 KW	
TOTAL/240 X 1000=	69 AMPS	
INSTALL -125- AMP PANEL		
120/240 V 1F		

ELECTRICAL SCHEDULE 'B'				
CIRCUIT	HOMOLOGATURE	BREAKER (AMPS)	WIRE (DCL)	
1, 3	HVAC	60A(2P)	#2-8 AWG BRD.	
2	WATER HEATER	30 A (2P)	12-2 NM	
3	RECEPTACLES/FAN	20 A	12-2 NM	
4	LIGHTING	20 A	12-2 NM	

ELECTRICAL PANEL SIZING:

DESCRIPTION	PANEL 'B'	KVA
GENERAL LIGHTING	2000 KW/SP X 864 SF X 1.25=	2.7
12 RECEPTS AT 180VA/1000=		2.2
WATER HEATER 6.5 KW =		1.8
3 FAN(S) AT .3 KW X 1.25=		1.1
HVAC		10.5
TOTAL	16.6 KW	
TOTAL/240 X 1000=	69 AMPS	
INSTALL -125- AMP PANEL		
120/240 V 1F		

ELECTRICAL SCHEDULE 'C'				
CIRCUIT	HOMOLOGATURE	BREAKER (AMPS)	WIRE (DCL)	
1, 3	HVAC	60A(2P)	#2-8 AWG BRD.	
5	SEL. CMT. 1.5 KW 120V/14	30 A (2P)	12-2 NM	
6, 10	SEL. CMT. 1.5 KW 120V/14	30 A (2P)	12-2 NM	
7, 9	SEL. CMT. 1.5 KW 120V/14	30 A (2P)	12-2 NM	
12, 14	WATER HEATER	30 A (2P)	12-2 NM	
2, 4, 6	RECEPTACLES/FAN	20 A	12-2 NM	
13	LIGHTING	20 A	12-2 NM	

ELECTRICAL PANEL SIZING:

DESCRIPTION	PANEL 'C'	KVA
GENERAL LIGHTING	2000 KW/SP X 864 SF X 1.25=	2.7
12 RECEPTS AT 180VA/1000=		2.2
WATER HEATER 6.5 KW =		1.8
3 FAN(S) AT .3 KW X 1.25=		1.1
HVAC		10.5
TOTAL	16.6 KW	
TOTAL/240 X 1000=	69 AMPS	
INSTALL -125- AMP PANEL		
120/240 V 1F		

ELECTRICAL SCHEDULE 'D'				
CIRCUIT	HOMOLOGATURE	BREAKER (AMPS)	WIRE (DCL)	
1, 3	HVAC	60A(2P)	#2-8 AWG BRD.	
2	WATER HEATER	30 A	12-2 NM	
3, 6	RECEPTACLES/FAN	20 A	12-2 NM	
4	LIGHTING	20 A	12-2 NM	

ELECTRICAL PANEL SIZING:

DESCRIPTION	PANEL 'D'	KVA
GENERAL LIGHTING	2000 KW/SP X 710 SF X 1.25=	2.7
12 RECEPTS AT 180VA/1000=		2.2
WATER HEATER 6.5 KW =		1.8
3 FAN(S) AT .3 KW X 1.25=		1.1
HVAC		10.5
TOTAL	16.6 KW	
TOTAL/240 X 1000=	69 AMPS	
INSTALL -125- AMP PANEL		
120/240 V 1F		

ELECTRICAL SCHEDULE 'E'				
CIRCUIT	HOMOLOGATURE	BREAKER (AMPS)	WIRE (DCL)	
1, 3	HVAC	60A(2P)	#2-8 AWG BRD.	
2	WATER HEATER	30 A	12-2 NM	
3, 6	RECEPTACLES/FAN	20 A	12-2 NM	
4	LIGHTING	20 A	12-2 NM	

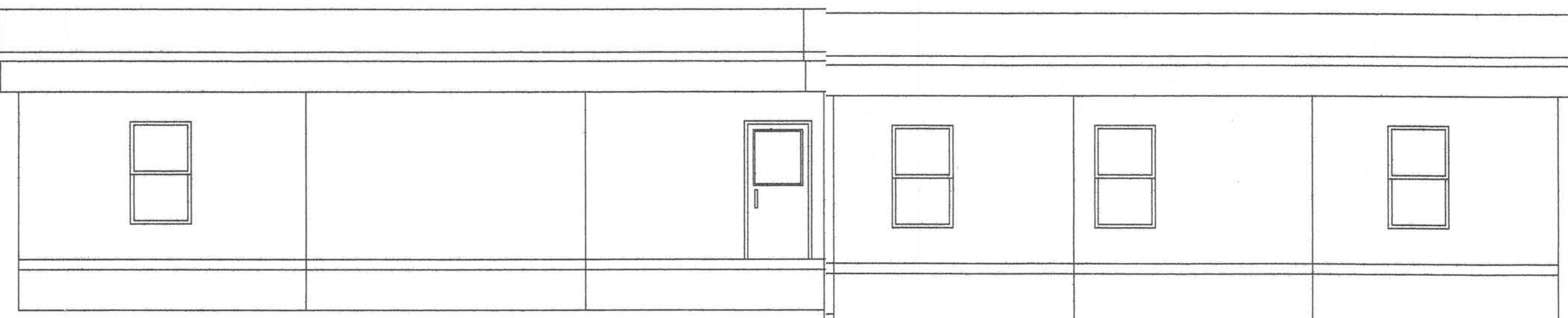
ELECTRICAL PANEL SIZING:

DESCRIPTION	PANEL 'E'	KVA
GENERAL LIGHTING	2000 KW/SP X 710 SF X 1.25=	2.7
12 RECEPTS AT 180VA/1000=		2.2
WATER HEATER 6.5 KW =		1.8
3 FAN(S) AT .3 KW X 1.25=		1.1
HVAC		10.5
TOTAL	16.6 KW	
TOTAL/240 X 1000=	69 AMPS	
INSTALL -125- AMP PANEL		
120/240 V 1F		

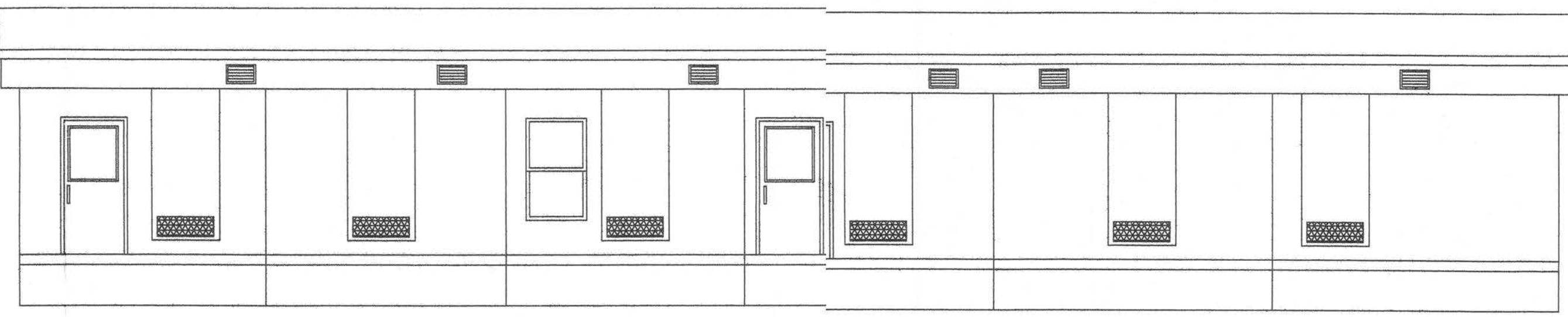
ELECTRICAL SCHEDULE 'F'				
CIRCUIT	HOMOLOGATURE	BREAKER (AMPS)	WIRE (DCL)	
1, 3	HVAC	60A(2P)	#2-8 AWG BRD.	
2	WATER HEATER	30 A	12-2 NM	
3, 6	RECEPTACLES/FAN	20 A	12-2 NM	
4, 7	LIGHTING	20 A	12-2 NM	

ELECTRICAL PANEL SIZING:

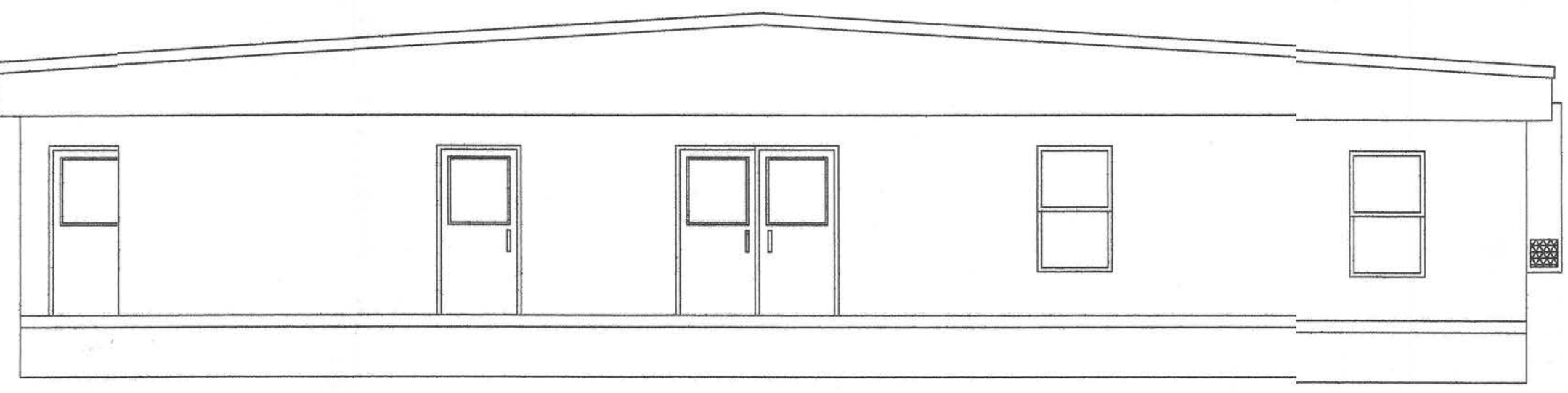
DESCRIPTION	PANEL 'F'	KVA
GENERAL LIGHTING	2000 KW/SP X 710 SF X 1.25=	2.7
12 RECEPTS AT 180VA/1000=		2.2
WATER HEATER 6.5 KW =		1.8
3 FAN(S) AT .3 KW X 1.25=		1.1
HVAC		10.5
TOTAL	16.6 KW	
TOTAL/240 X 1000=	69 AMPS	
INSTALL -125- AMP PANEL		
120/240 V 1F		



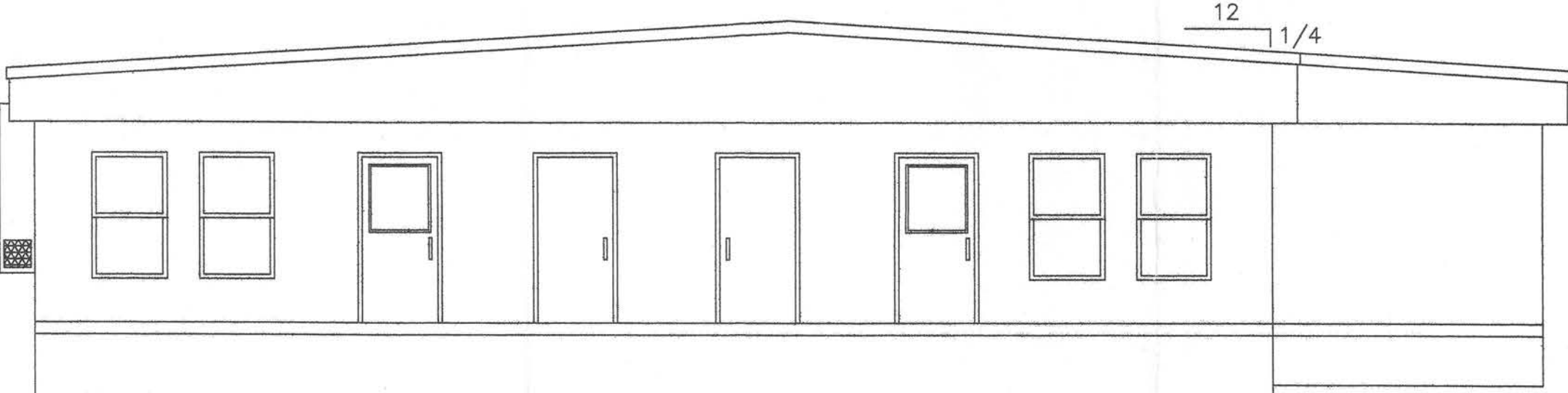
RIGHT ELEVATION



LEFT ELEVATION



FRONT ELEVATION



INTERIOR FINISH MATERIAL:

CEILING - 5/8" TYPE 'X' GYP. BOARD INSTALLED PER MANUFACTURERS SPECS.

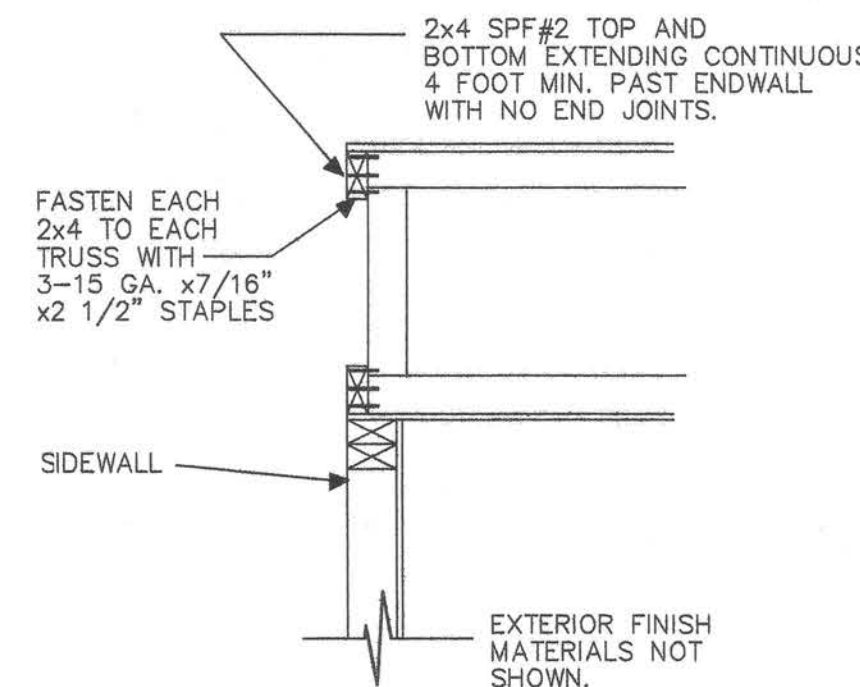
WALL - 5/8" TYPE 'X' MINIMUM GYP. BOARD (VINYL COVERED IN RESTROOM)

FLOOR - AS NOTED ON PLAN

EXTERIOR FINISH MATERIAL:

ROOF - 45 MIL RUBBER ROOF COVERING (EPDM) INSTALLED PER MANUFACTURER'S SPECIFICATIONS OVER 1/2" DENSDECK. (CLASS 'C' ROOF)

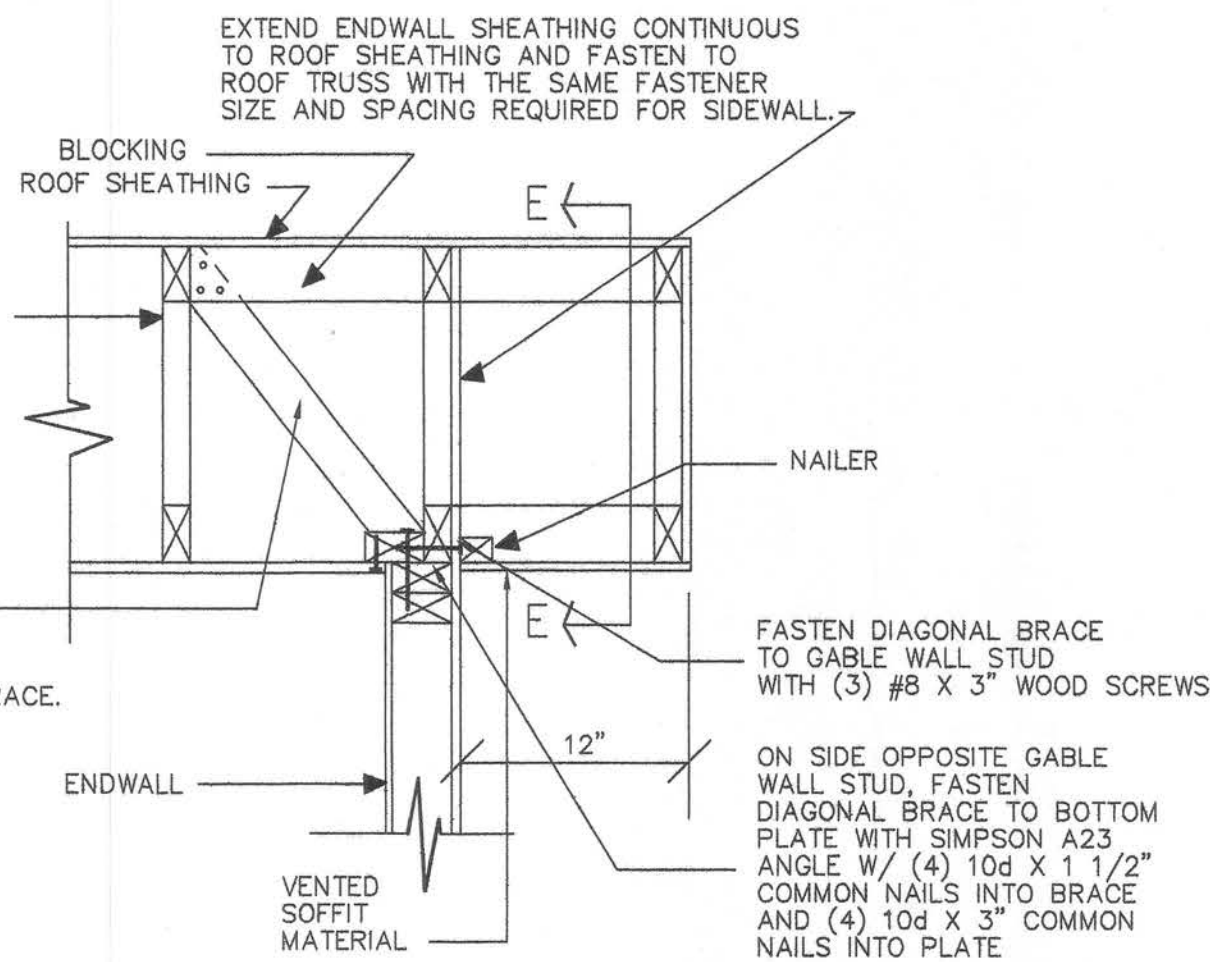
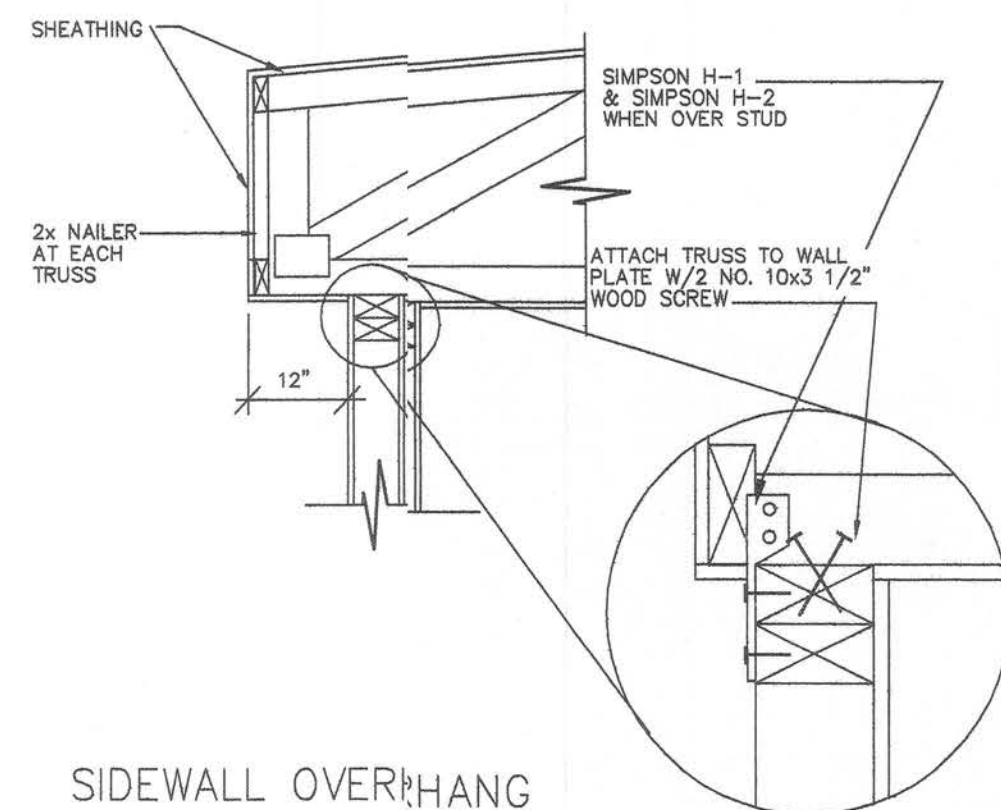
WALL - 5/16 INCH HARDI-PANEL OVER APPROVED MOISTURE BARRIER.
* MAY BE USED AS A BRACING MATERIAL. FASTEN SIDING PER SPECIFICATIONS GIVEN ABOVE FOR 3/8 INCH APA RATED SIDING EXTERIOR.



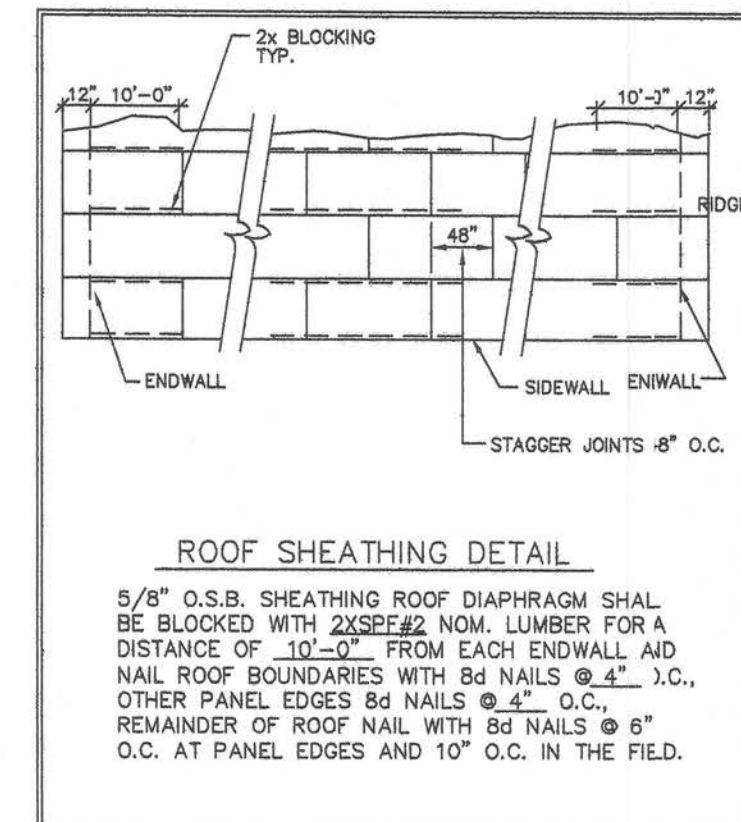
SECTION E-E
-NTS-

SIDEWALL OVERHANG
-NTS-

OVERHANG:
ENDWALLS: 12"
SIDEWALLS: 12"



ENDWALL OVERHANG DETAIL
-NTS-



2.4 SQUARE FEET NET FREE AREA OF ATTIC VENTILATION TO BE PROVIDED BY GABLE AND/OR ROOF VENTS. (EACH MODULE)

26 GA. X 1-1/2" STEEL STRAP FROM TRUSS TO WALL STUD FASTENED W/ (6) 15 GA. X 1" PENETRATION STAPLES PER STRAP END (TYPICAL SIDEWALLS)
NOTE: TRUSSES WHICH DO NOT FALL DIRECTLY OVER WALL STUDS SHALL BE STRAPPED TO TOP PLATE AND TOP PLATE SHALL BE STRAPPED TO NEAREST ADJACENT STUD W/ EQUIVALENT FASTENING

FASTEN RIDGE BEAM TO EACH TRUSS WITH MINIMUM 8-15 GA. STAPLES WITH 1" PENETRATION INTO TRUSS KING POST OR EQUIVALENT FASTENING.
SEE MECHANICAL NOTES AND FLOOR PLAN FOR CEILING DUCT SPECIFICATIONS

INSTALL 2x3 SYP#3 MIN. RAIL, W/ PLYWOOD FILLERS IF NEEDED, EACH SIDE, AT ROOF PEAK FASTENED TO EACH TRUSS W/ (2) 16d NAILS WITH 2" MINIMUM PENETRATION INTO TRUSS, OR EQUAL, WHERE ROOF RIDGE BEAM DOES NOT EXTEND TO TOP OF ROOF. TAPER RAIL WHEN SPACE IS LESS THAN 2 1/2" ABOVE BEAM. ALSO INSTALL RAIL AT BOTTOM OF TRUSSES OVER MARRIAGE WALL WHERE RIDGE BEAM IS NOT REQUIRED. (TYP.)

ROOF COVERING OVER 7/16" ORIENTED STRAND BOARD RATED 3 SHEATHING, MINIMUM EXP-1 24/16 SEE ROOF SHEATHING DETAIL.

LISTED TRUSSES AT 24" O.C.
LISTED ROOF TRUSS DESIGN LOADS LIVE LOAD 20 PSF TOP CHORD DEAD LOAD 10 PSF TOP CHORD DEAD LOAD 10 PSF BOTTOM CHORD TRUSS DESIGN IS TRANSVERSE

SITE INSTALL 3/8" LAG SCREWS STAGGERED FROM SIDE TO SIDE AT 16" O.C. MAXIMUM. LAG SCREWS MUST PENETRATE 1.75" MINIMUM INTO ADJACENT MODULE RIDGE BEAM OR RAIL. (TYPICAL AT ALL MARRIAGE LINES)

APPROVED TRUSS DESIGN:
TRUSS MANUF # : UNIVERSAL
TRUSS DRAWING # F106201
SEE ATTACHED DWG.

GENERAL CROSS-SECTION NOTES:
1. UNLESS OTHERWISE SPECIFIED, ALL STEEL MUST COMPLY W/ ASTM A36, YIELD STRENGTH = 36 KSI.
2. ALL LAG SCREWS MUST COMPLY W/ AWS/ASME B18.2.1, F1554, 60 KSI MINIMUM.
3. SEE FOUNDATION PLAN FOR PIER AND TIE-DOWN STRAPPING LOCATIONS, ORIENTATIONS, AND SPECIFICATIONS.

RIM MEMBER 2x4 SPF #2 MIN. (TOP AND BOTTOM)
SEE STATE DESIGN PACKAGE FOR CEILING TO WALL FASTENING REQUIREMENTS.

CRIPPLE STUDS
2x4 SPF#2 AT 16" O.C.

2x HEADER PER APPROVED STRUCTURAL PACKAGE

SILL PLATE 2x4 SPF#2
CRIPPLE STUDS
2x4 SPF#2 AT 16" O.C.

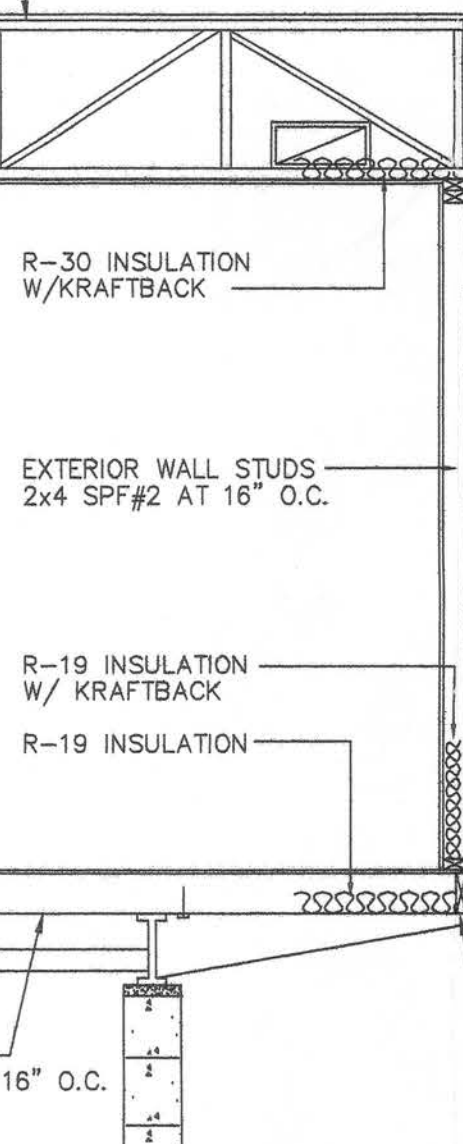
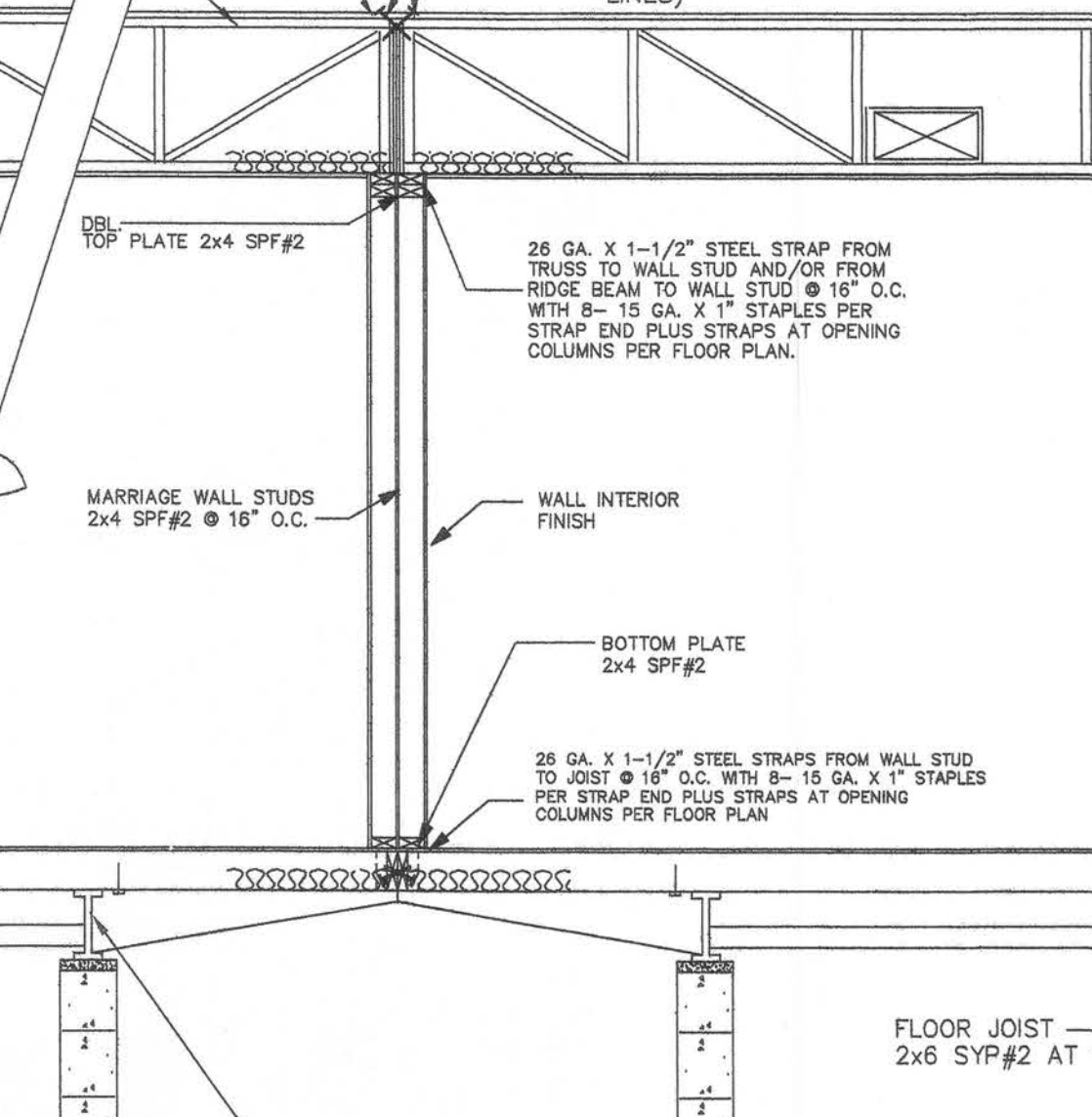
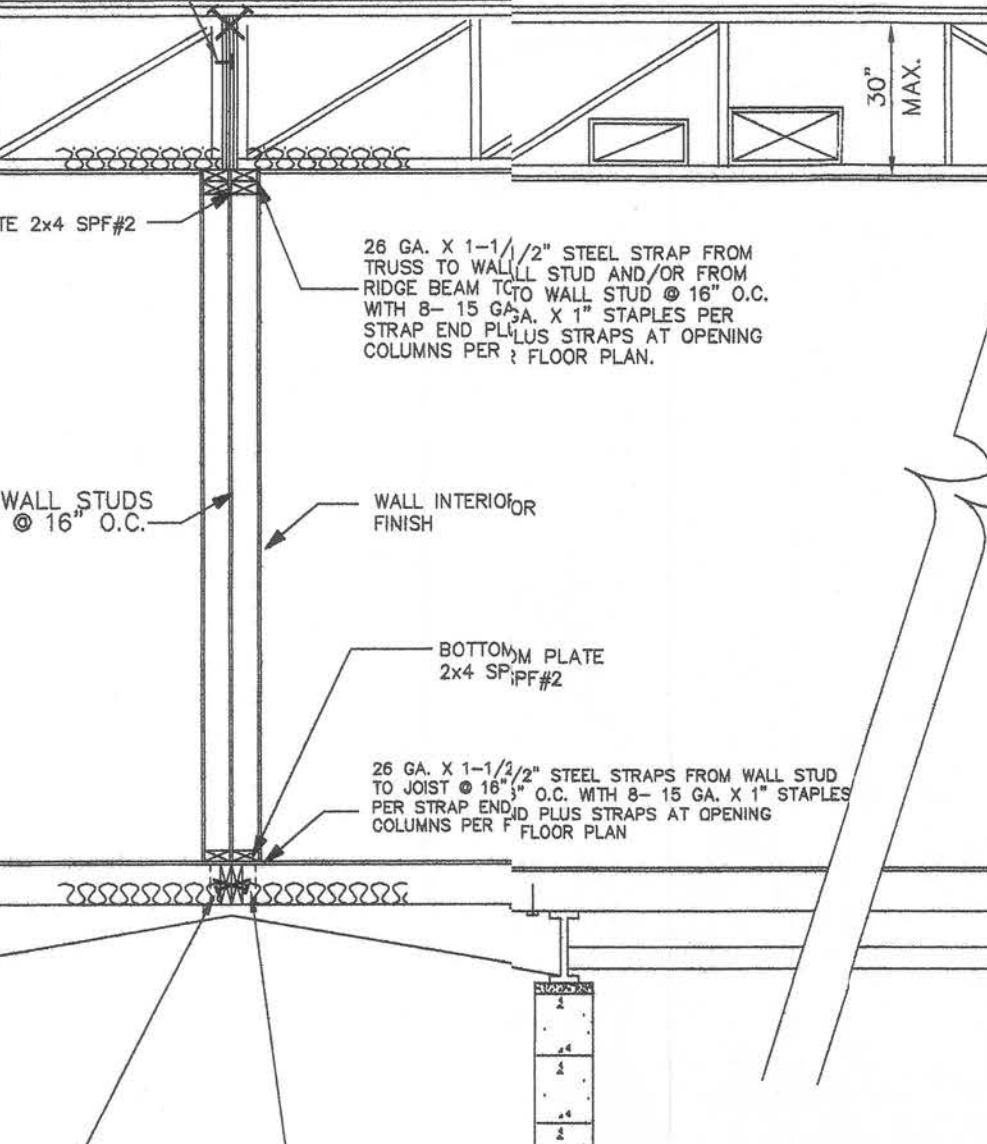
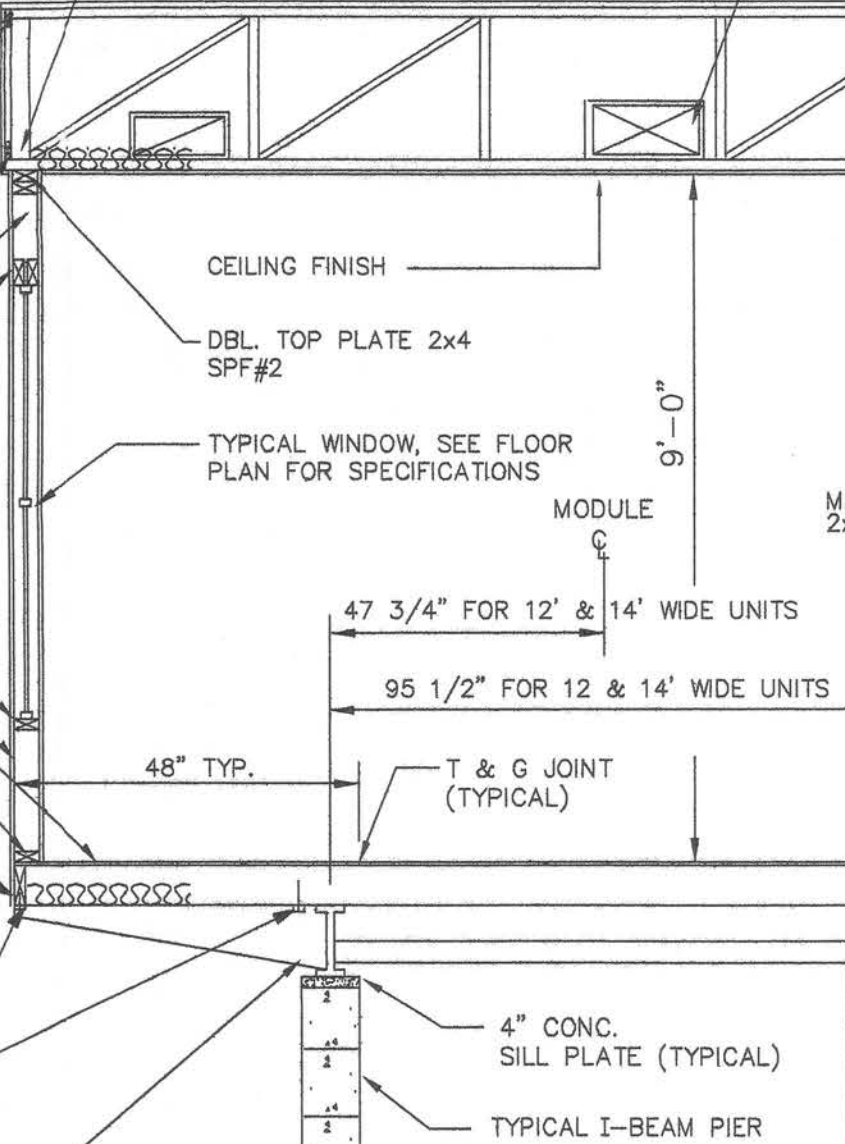
3/4" T&G PLYWOOD STURD-I-FLOOR EXP.-1 20" O.C. FASTENED WITH 106 PVA GLUE COVERAGE & APPROVED MECHANICAL FASTENERS

BOTTOM PLATE 2x4 SPF#2

26 GA. X 1-1/2" STEEL STRAP FROM WALL STUD TO FLOOR JOIST @ OPENING STUDS AND 16" O.C. W/ (7) 15 GA. X 1" PENETRATION STAPLES PER STRAP END (TYPICAL SIDEWALLS & ENDWALLS)

(2) 5/16" X 3" LAG SCREWS THROUGH FLANGE INTO JOIST @ EACH OUTRIGGER IN ADDITION, INSTALL (1) 5/16" X 3" LAG SCREW W/ FLANGE CLIP FROM I-BEAM TO EACH FLOOR JOIST (TYP.)

SEE STATE DESIGN PACKAGE FOR OUTRIGGER AND CROSSMEMBER SPACING



EXTERIOR WALL STRUCTURAL BRACING

EXTERIOR WALL STRUCTURAL BRACING
SIDEWALLS:
BRACING INSTALLATION:
STRUCTURAL SHEATHING SHALL CONSIST OF A 4 FOOT MINIMUM WIDTH SHEET EXTENDING CONTINUOUSLY FROM TOP TO BOTTOM PLATE W/ ALL SHEATHING EDGES EXTENDING 3/4" MINIMUM OVER 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS EXTERIOR WALL FRAMING. BRACING SHALL BE CONTINUOUS.

BRACING MATERIAL:
5/8" STRUCTURAL RED THERMO-PLY FASTENED W/ 16 GA. X 1" X 1-1/4" STAPLES 3" O.C. ON EDGES AND 6" O.C. IN THE FIELD, OR USE THE SAME STRUCTURAL BRACING MATERIAL AND FASTENING METHOD AS SPECIFIED FOR ENDWALLS.

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

BRACING MATERIAL:
3/8" APA RATED SHEATHING EXP. 1, EXP. 2, EXT., OR 3/8" APA RATED SIDING EXT. FASTENED WITH 8d COMMON OR GALV. BOX NAILS 6" O.C. EDGES AND 6" O.C. IN THE FIELD.

26 GA. X 1-1/2" STEEL STRAP FROM WALL STUD TO FLOOR JOIST AT OPENING STUDS AND 16" O.C. WITH 8-15 GA. X 1" PENETRATION STAPLES PER STRAP END (TYPICAL SIDEWALLS & ENDWALLS)

RIM JOIST 2x6 SYP#2

RIDGE BEAM CONSTRUCTION:

SEE FLOOR PLAN FOR RIDGE BEAM SPECS

LAYERS/SIDE: 5 PLYWOOD, RATED SHEATHING, EXP.-1, STRUCT.-1, 5 PLY/S LAYER, 8/24 EACH HALF CONTINUOUS ENTIRE LENGTH OF BUILDING.

NOTES:

- PLYWOOD FACE GRAIN MUST BE PARALLEL TO THE RIDGE BEAM SPAN.
- ALL PLYWOOD BUTT JOINTS MUST BE STAGGERED 24" MINIMUM.
- ALL RIDGE BEAM PLYWOOD LAMINATIONS MUST BE THE SAME DEPTH, THICKNESS, AND GRADE OF PLYWOOD. NO LUMBER OR PLYWOOD FLANGES ARE PERMITTED.
- PLYWOOD MUST BE MANUFACTURED IN ACCORDANCE W/ PS I-95.
- PLYWOOD LAMINATIONS IN EACH HALF OF THE UNITS MUST BE GLUE NAILED TO ADJACENT LAYERS IN ACCORDANCE W/ PDS SUPPLEMENT #8, W/ AN ADHESIVE COMPLYING W/ ASTM D2559, OR CA25-4.
- PLYWOOD MUST NOT BE TREATED W/ A FIRE RETARDANT PROCESS.
- MOISTURE CONTENT MUST BE LESS THAN 16%.
- BEAMS SUPPORTED BY ENDWALL COLUMNS MUST EXTEND CONTINUOUS OVER COLUMNS TO EXTERIOR FACE OF ENDWALL.
- INSTALL (2x4) X 20" SPF#3 RIDGE BEAM BEARING STIFFENER OVER SUPPORT COLUMNS, WHI SPECIFIED ON FLOOR PLAN; FASTEN THE FACE OF THE STIFFENER TO THE RIDGE BEAM W/ 100% GLUE COVERAGE AND (6) 16 GA. X 2-1/2" STAPLES.

LISTING AGENCY APPROVAL	
THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA:	
CONST. TYPE	V
OCCUPANCY	D
FLOOR LL	40-50
WIND VELOCITY	120 MPH
FIRE RATING OF EXT. WALLS	0-98
ALLOWABLE NO. OF FLOORS	1
MANUFACTURER	FIRST STRING
PLAN NUMBER	FSS-159
APPROVAL DATE	8/3/07
RADCO	

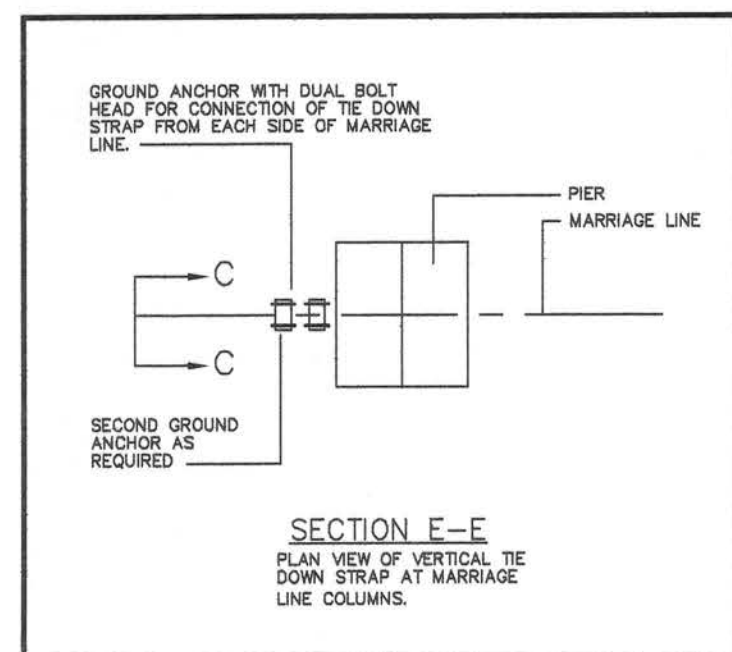
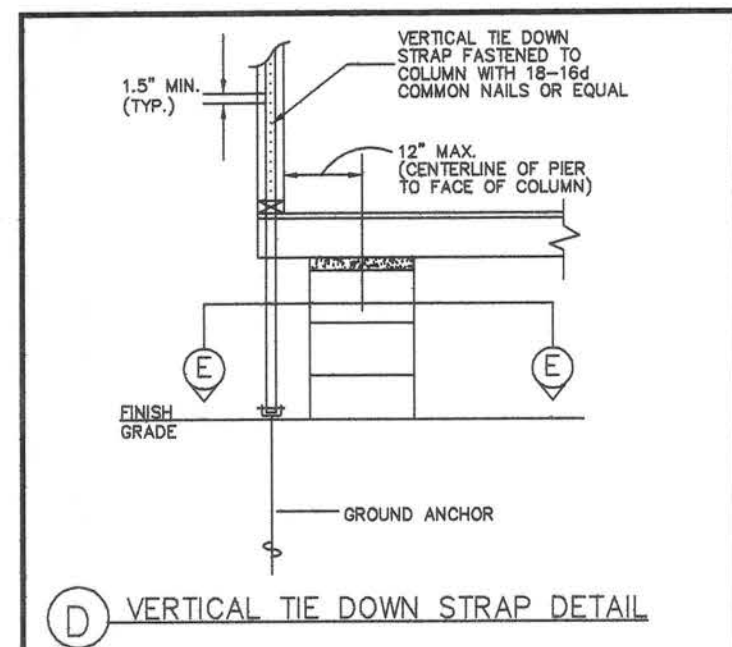
ROBERT E. GREGG
REGISTERED ARCHITECT NO. 9927
600 CHESTNUT ST.
CLEARWATER, FLORIDA 33768
(727) 796-8774

APPROVED AUG 03 2007

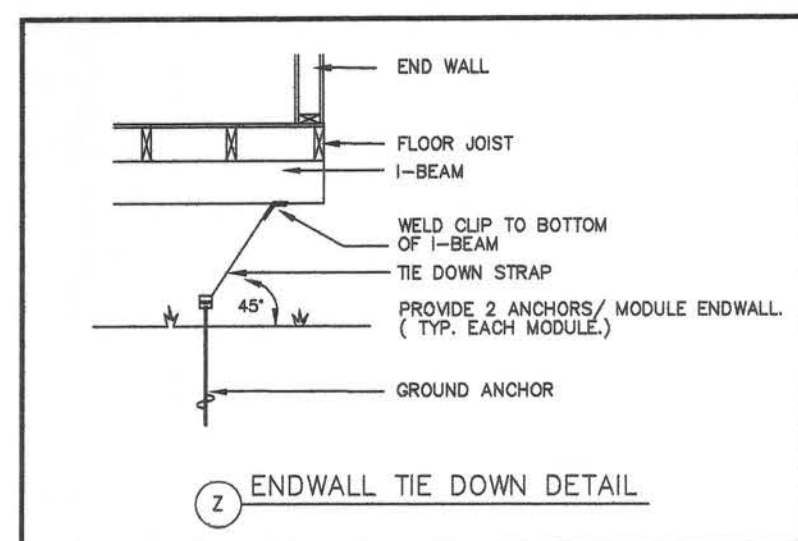
FIRST STRING SPACE

892 RAILROAD AVE. EAST
PEARSON, GEORGIA 31642 (912) 422-6455

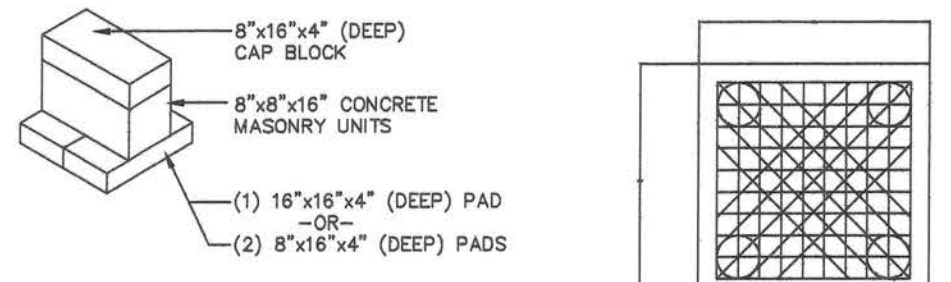
DATE: 7-3-07	THIRD PARTY: RADCO
SCALE: NO SCALE	892 RAILROAD AVE. EAST TAMPA, FLORIDA 33634 813-243-0370
CODES: SEE NOTES	REVISIONS:
STATES: FL	F.E.G.
FSS159 A-F 60 X 76 DAYCARE	SHEET
CROSS SECTION	DESTINATION: LAKE CITY
	3 OF 3

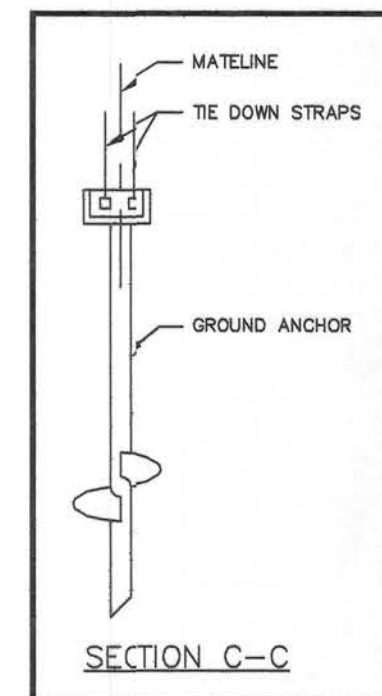
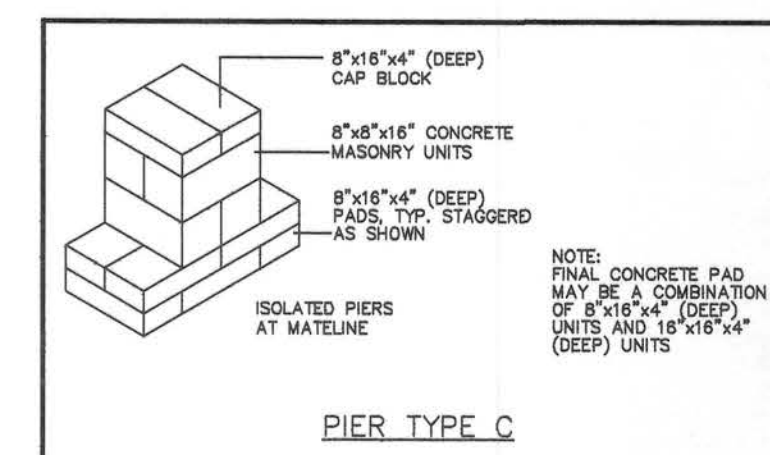
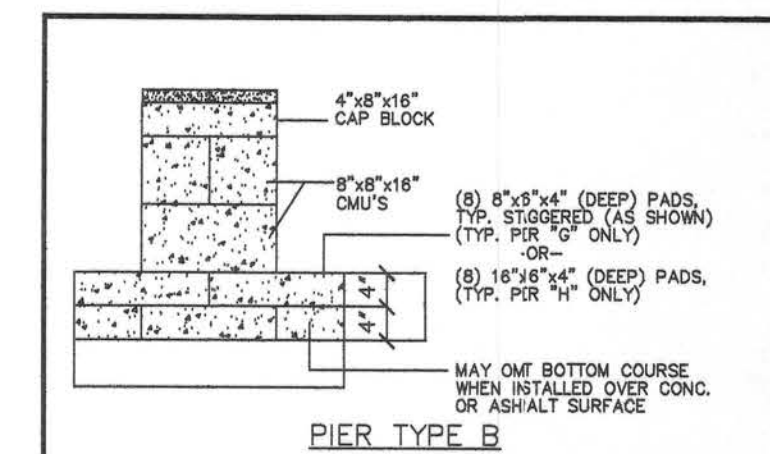
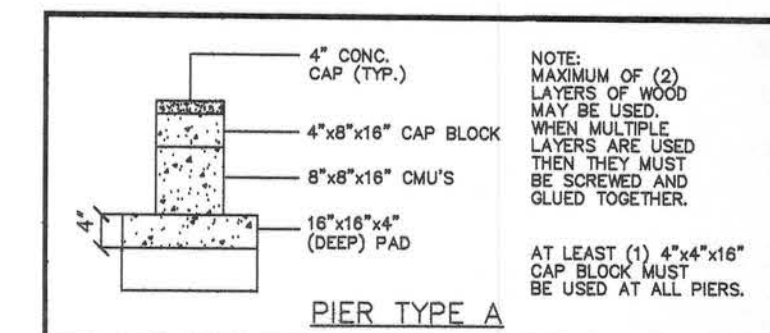
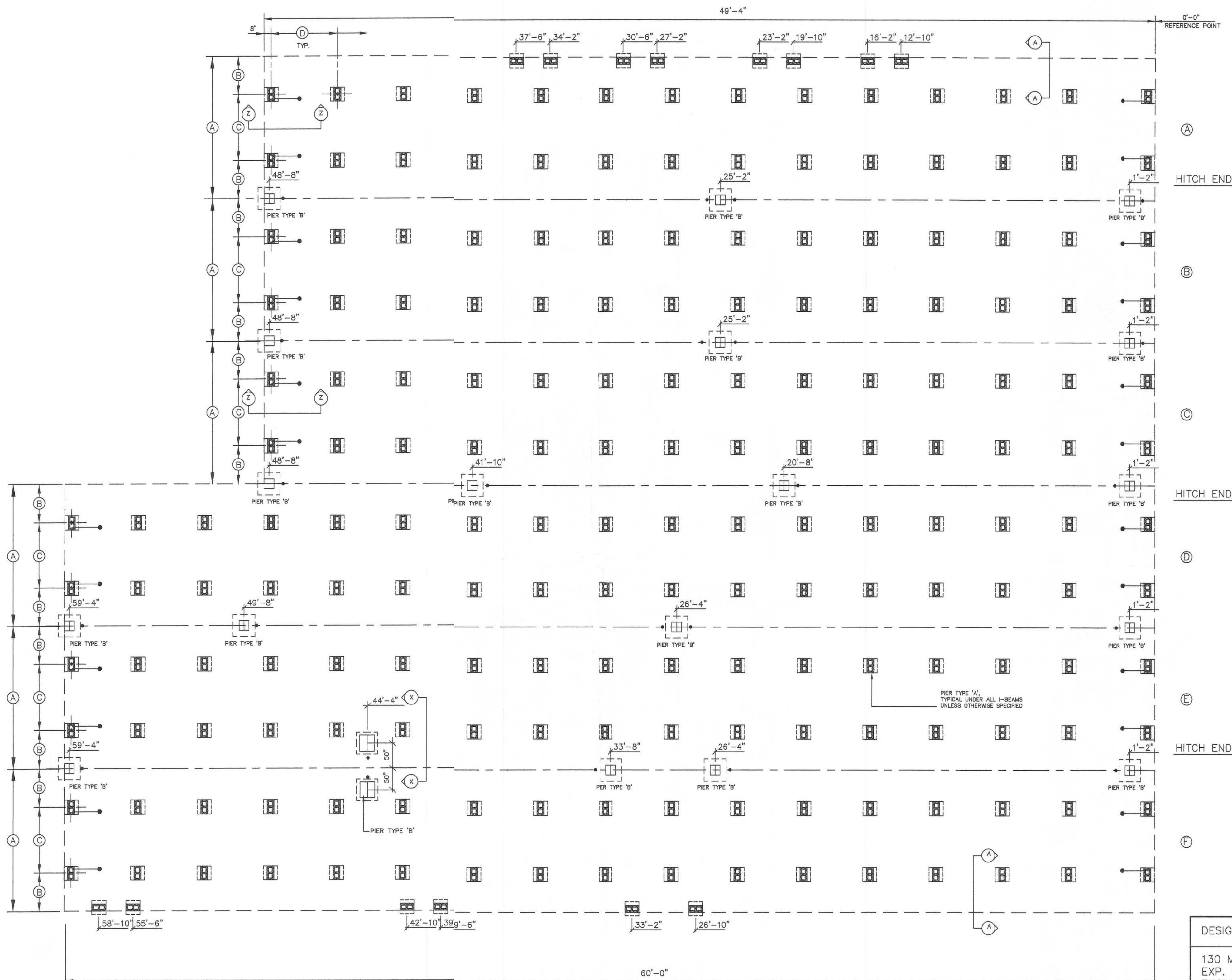
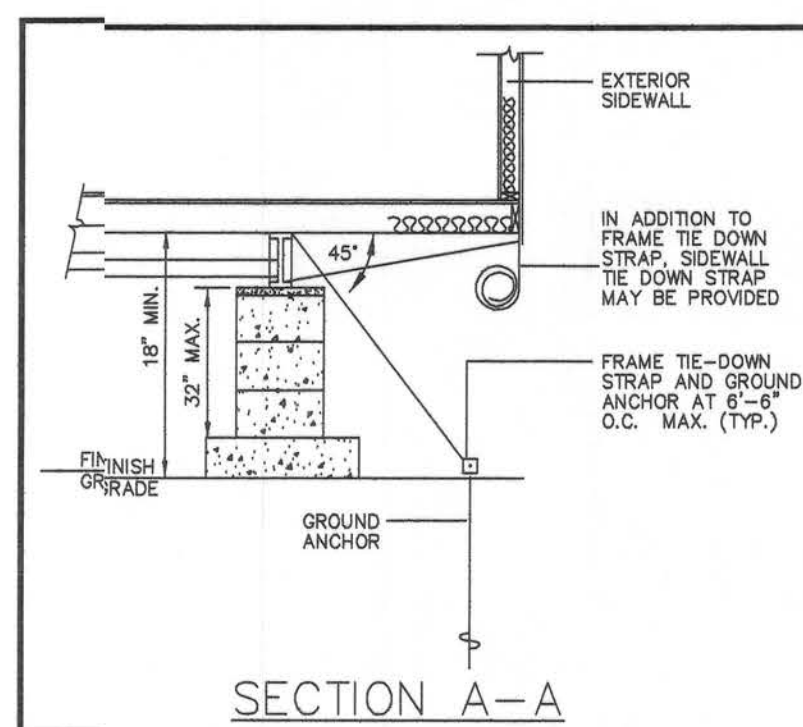


NOTE:
THIS FOUNDATION PLAN IS PROVIDED FOR REFERENCE AS A TYPICAL STANDARD. ACTUAL FOUNDATION CONDITIONS MUST BE EVALUATED FOR APPLICABILITY IF THIS PLAN IS TO BE USED. ALTERNATE FOUNDATION PLANS MAY BE DESIGNED BY OTHERS IN ACCORDANCE WITH THE REQUIREMENTS OF THE JURISDICTION HAVING AUTHORITY.



- FOUNDATION NOTES:**
- NOTE: ALL REQUIRED BUILDING AND/OR CONSTRUCTION PERMITS MUST BE APPLIED FOR AND OBTAINED FROM THE LOCAL AUTHORITIES HAVING JURISDICTION PRIOR TO ANY WORKED BEING DONE ON THE ABOVE SHOWN FOUNDATION DESIGN.
- THE ABOVE FOUNDATION DESIGN IS DESIGNED FOR A TEMPORARY BUILDING. APPROVAL OF THIS SITE PLAN SHALL BE SUBJECT TO LOCAL JURISDICTION APPROVAL.
 - IF THE ABOVE BUILDING DOES NOT MEET THE QUALIFICATIONS OF A "TEMPORARY BUILDING" THEN AN ALTERNATIVE FOUNDATION DESIGN SHALL BE REQUIRED IN ACCORDANCE WITH CHAPTER 16 - 2004 FBC.
 - TE-DOWN STRAPS TO BE 1-1/4" X .035 GALVANIZED STEEL FEDERAL SPECIFICATION Q35-781-H TYPE-1 FINISH-B GRADE-1, TE-DOWN STRAPS AND CONNECTING HARDWARE TO HAVE 4,725# MINIMUM ULTIMATE CAPACITY (3,150# X 1.5).
 - ALL TE-DOWN ANCHORS SHALL HAVE MINIMUM 6,500 LB. CAPACITY AND SHALL BE INSTALLED IN ACCORDANCE WITH THEIR FL LISTING AND CHAPTER 16 OF THE 2004 FLORIDA BUILDING CODE W/ '03, '06 AND '07 SUPPLEMENTS.
 - SEE ABOVE FOUNDATION LAYOUT FOR TE-DOWN STRAP SPACING.
 - ALL PIERS SHALL BE 8"x8"x16" MASONRY BLOCKS ON 16"x16"x4" (DEEP) CONCRETE PADS, EXCEPT AS OTHERWISE NOTED ON FOUNDATION PLAN.
 - MINIMUM SOIL BEARING CAPACITY IS 2,000 PSF. TO BE VERIFIED BY BUILDING'S OWNER.
 - 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.
 - 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.F. LUMBER OR CEDAR, AND BEARING AT ALL CONTACT POINTS SHALL NOT BE LESS THAN 2/3 OF THE BEARING PRIOR TO ADJOINING THE SHIMS.
 - MASONRY PIERS MAY BE INSTALLED IN A DRY STACK FOR TEMPORARY BUILDINGS. NON-TEMPORARY BUILDING FOUNDATION DESIGN TO BE DICTATED BY LOCAL JURISDICTION. SEE NOTE #1 ABOVE.
 - OVERALL WIDTH DIMENSION IS NOMINAL AND IS BASED ON UNIT WIDTH X NUMBER OF UNITS. ACTUAL OVERALL WIDTH MAY VARY DUE TO SITE CONDITIONS, MATERIAL TOLERANCES, FAILURE TO REMOVE CLOSE-UP MATERIAL AND/OR OTHER FACTORS BEYOND THE CONTROL OF THE BUILDING MANUFACTURER.
 - FIELD CONDITIONS WITH DRY STACK PIERS GREATER THAN 34" SHALL REQUIRE FOUNDATIONS TO BE ENGINEERED BEYOND THIS APPROVAL.
 - WHERE REQUIRED BY LOCAL JURISDICTION ALL MASONRY PIERS MAY BE LAID IN TYPE "M" OR "F" MORTAR IN COMPLIANCE W/ASTM C287, OR SHALL HAVE SURFACE BONDING MORTAR IN COMPLIANCE W/ASTM C 946.
 - THE ABOVE FOUNDATION IS NOT APPROVED FOR HILLSBOROUGH COUNTY. SEE NOTES #1 AND #2 ABOVE.
 - STRAP SPACING MAY VARY DUE TO SITE CONDITIONS.
 - FRAME TIE ONLY, NO OVER THE ROOF STRAPS REQUIRED. SEE SECTION A-A FOR INFO.
 - FIRST STRAP FROM ENDWALLS NOT TO EXCEED 3'-4".
 - MATLINE SUPPORT COLUMN LOCATIONS TO BE VERIFIED PRIOR TO INSTALLING MATLINE SUPPORT PIERS.

DEPARTMENT OF HIGHWAY SAFETY & MOTOR VEHICLES CHAPTER 15C-1.0103					
MAX PIER LOADS IN POUNDS BASED ON SOIL VALUES					
1,000 LB SOIL 1,780	1,500 LB SOIL 2,670	2,000 LB SOIL 3,560	2,500 LB SOIL 4,450	3,000 LB SOIL 5,340	REMARKS MAX 5,340
					
PERIMETER PIERS ALONG I-BEAMS NOTE: PAD MAY BE EITHER (1) 16"x16"x4" (DEEP) PAD OR (2) 8"x16"x4" (DEEP) PADS AS SHOWN NOTE: OPTIONAL ABS PADS					
16"x18"x3/4" ABS PAD OPTION N=1611-0F 16"x16"x4" CONCRETE PAD MODEL #8PA 384-1 OR #4148-5 (OR AN APPROVED EQUAL)					



DESIGN CRITERIA:

130 MPH
EXP. CAT. C
ENCLOSED BUILDING
2004 FBC W/ '05,
'06 & '07 SUPP.

FOUNDATION DIMENSIONS		
A MODULE WIDTH	B PIER TO MODULE EDGE	C STEEL BEAM SPACING
11'-8"	22'-1/4"	95 1/2"
D MAXIMUM PIER SPACING	FLOOR LIVE LOAD	MINIMUM SOIL BEARING CAPACITY
5'-8" 8'-9"	50 PSF	2000 PSF 3000 PSF

Philip L. Witherington, P.E.
Consulting Engineer - RADCO, INC.

FIRST STRING SPACE
892 RAILROAD AVE. EAST
PEARSON, GEORGIA 31842 (812) 42-6455

DATE: 7-3-07
SCALE: NO SCALE
CODES: SEE NOTES
STATES: FL

5456 CRENSHAW ST.
TAMPA, FLORIDA 33634
REV: 13-24-03-1370
REV: 13-24-03-1370

FSS159 A-F 60 x 76 DAYCARE
FOUNDATION PLAN

SHEET
1 OF 1
DESTINATION:
LAK CITY