NETTLE'S SAUSAGE INC.

US HWY 441 SOUTH, LAKE CITY
COLUMBIA COUNTY, FLORIDA

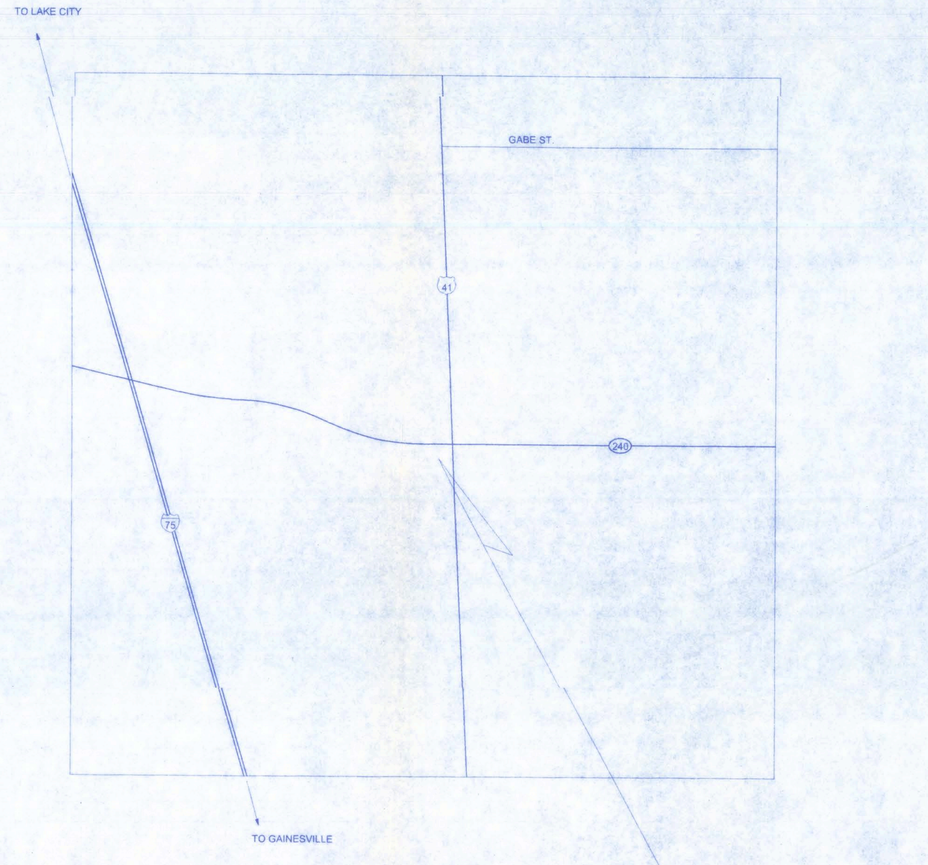
Development Information:

NETTLES SAUSAGE INC
GENERAL OFFICE - NEW CONSTRUCTION
3.10± ACRES
3.10± ACRES
PROJECT LOCATION:
190 SW CR 240, LAKE CITY, FLORIDA
PARCEL IDs: 10-5S-17-09193-000 & 10-5S-17-09179-000
SECTION 10, TOWNSHIP 5 S, RANGE 17 E
ZONING: A-3
EXISTING USE: FOOD PROCESSING
FUTURE LAND USE PLAN MAP CATEGORY: AGRICULTURAL

INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
A-1	GENERAL NOTES
A-2	FLOOR PLAN
A-3	ELEVATIONS
A-4	FOUNDATION/ELECTRICAL PLAN
A-5	PLUMBING LAYOUT
A-6	TYPICAL WALL SECTION
S-1	SHEARWALL LAYOUT

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED JANUARY 2007,
AND STANDARD SPECIFICATIONS FOR ROAD
AND BRIDGE CONSTRUCTION DATED 2004,
AS AMENDED BY THE CONTRACT DOCUMENTS.



LOCATION MAP

NOT TO SCALE

PLANS PREPARED FOR:

NETTLES SAUSAGE
LOCAL CONTACT:
WILLIAM J NETTLES
190 SW CR 240
LAKE CITY, FL 32024

ENGINEER AND PLANNER:

Freeman Design Group Inc
128 SW NASSAU STREET
LAKE CITY, FL. 32025
(386) 758-4209
CERTIFICATE OF AUTHORIZATION # 00008701

NOTE:
THE SCALE OF THESE PLANS MAY HAVE
BEEN CHANGED DUE TO REPRODUCTION

12/12/03
F.E. NO: 58001

GENERAL NOTES:

1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
2. THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORKMANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
3. AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.
4. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.
5. THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING THE THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
6. ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
7. ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.
8. ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABLES LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
9. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
10. INTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.
11. INTERIOR STUD WALLS SEPARATING LIVING AREA FROM GARAGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING R-11 BATT INSULATION.
12. CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECODE "C" GWB ON 1X3 WOOD FURRING AT 16" O.C., ATTACHED W/ 1 1/4" BUGLEHEAD SCREWS @ 6" O.C. ALONG EACH POINT OF BEARING.

AS - BUILT DRAWING REQUIREMENTS:

A. ELECTRICAL "AS-BUILT" DRAWINGS
ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS.
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

B. PLUMBING "AS-BUILT" DRAWINGS
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONT'R SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS

STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
rafters having slopes greater than 2/12 with no finished ceiling attached to rafters	L/180
interior walls and partitions	H/180
floors and plastered ceilings	L/360
all other structural members	L/240
exterior walls with plaster or stucco finish	H/360
exterior walls - wind loads with brittle finishes	L/240
exterior walls - wind loads with flexible finishes	L/120

ELECTRICAL NOTES: General

1. O NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHI- ECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL QUIPMENT. CONFIRM WITH OWNER.
2. NSTALL ALL ELECTRICAL WORK IN CONFORMANCE WITH THE NEC 002 EDITION, AND IT'S AMENDMENTS AS ADOPTED BY THE ERMIT ISSUING AUTHORITY AT THE TIME OF CONSTRUCTION.
3. ROUNDING: GROUND ALL MAIN DISCONNECTS TO STANDARD ROUND ROD(S) AND TO COLD WATER SUPPLY AS PER ARTICLE 50 OF NEC-2002.
4. NSTALL ONLY COPPER WIRING ON THIS PROJECT: THW, TW, HWN, THHN OR NM CABLE, UNLESS NOTED OTHERWISE. ALL ONDUCTORS #10 & SMALLER MAY BE SOLID. ALL CONDUCTORS 8 AND LARGER SHALL BE STRANDED TYPE.
5. ROVIDE CONTINUITY OF NEUTRAL ON MULTI-BRANCH CIRCUITS Y SPLICING AND BRINGING OUT A TAP, ASSURING NO OPEN- NGS OF NEUTRAL IN REPLACEMENT OF A DEVICE.
6. OLOR CODE MULTI-CIRCUIT WIRING AS FOLLOWS: NEUTRAL - VHITE, GROUND - GREEN, LINE - ALL OTHER COLORS.
7. NSTALL ONLY HIGH POWER FACTOR BALLASTS AT FLUORESCENT IXTURES.
8. NSTALL GFI BREAKERS OF DEVICES AT ALL BATHROOM, REST- OOM, KITCHEN, GARAGE AND EXTERIOR RECEPTACLES AND AS IOTED ON THE DRAWINGS.
9. NSTALL ONLY THOSE ELECTRICAL DEVICES THAT BEAR A "UL" R OTHER RECOGNIZED TESTING LAB LABEL. ALL MATERIALS HALL BE NEW.
10. NSTALL NON-FUSED DISCONNECT SWITCHES AT ALL PIECES OF LECTRICAL EQUIPMENT LOCATED WHERE SAID EQUIPMENT IS IOT VISIBLE FROM THE CIRCUIT BREAKER THAT PROTECTS IT. IZE IN ACCORD WITH THE LOAD. ALL DISCONNECT SWITCHES HALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE - QUICK- REAK TYPE - ENCLOSURES SHALL BE AS REQ'D FOR EXPOSURE.
11. IOTOR STARTERS SHALL BE MANUAL OR MAGNETIC WITH OVER- OAD RELAYS IN EACH HOT LEG.
12. SOLATE DISSIMILAR CONDUIT AND TUBING METALS FROM SOIL, VATER AND GAS PIPING AND OTHER BUILDING MATERIALS WHERE AMAGE BY FRICTION OR ELECTROLYSIS MAY OCCUR, EXCEPT VHERE ELECTRICAL GROUND IS PROVIDED.
13. URNISH AND INSTALL ALL ELECTRICAL DEVICES AND ITEMS EQUIRES FOR A COMPLETE, OPERATING SYSTEM, PROVIDING HE FUNCTIONS AS DETAILED IN THE PLANS (AND SPECS).
14. UTLET BOXES SHALL BE PRESSED STEEL OR PLASTIC OR ALL RY LOCATIONS. FOR WET LOCATIONS, CAST ALLOY WITH HREADED HUB OUTLET BOXES SHALL BE INSTALLED.
15. IOT CHECK ALL SYSTEMS WITH THE OWNER'S REPRESENTATIVE RESENT TO VERIFY PROPER FUNCTION PRIOR TO C.O.
16. OORDINATE ALL WORK THROUGH GC TO AVOID CONFLICTS. CO- RDINATE WITH HVAC CONTRACTOR AND ELECTRONICS SYSTEMS ONTRACTORS SO THAT A COMPLETE, FUNCTIONING SYSTEM IS NSTALLED, IN EACH CASE, WITH NO EXTRA COST TO THE WNER.
17. MERGENCY LIGHTING AND EXIT SIGNS, IF INDICATED ON THE LANS, SHALL BE WIRED PER NEC 700-12F.
18. LL PANEL SCHEDULES SHALL BE FULLY FILLED OUT AND SHALL E TYPEWRITTEN. EA. CIRCUIT SHALL BE CLEARLY IDENTI- IED A TO WHAT IS INCLUDED ON SAID CIRCUIT.
19. IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY IINOR DETAIL OF THE CONSTRUCTION.
20. HE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD EQUIREMENTS OF THE POWER COMPANY & TELEPHONE COMPANY.
21. URNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR VAC SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. ONTROLS ARE TO BE SUPPLIED BY THE HVAC CONTRACTOR, AND ONNECTED BY THE ELECTRICAL CONTRACTOR.
22. LL RACEWAYS BELOW GROUND SHALL BE A MINIMUM OD 3/4".
23. LL CIRCUIT BREAKERS, TWO AND THREE POLE, SHALL BE OMMON TRIP. NO TIE HANDLES OR TANDEMS SHALL BE CCEPTABLE.
24. LL FUSES, UNLESS NOTED OTHERWISE ON THE DRAWINGS, HALL BE CURRENT LIMITED TYPE (C.L.) RATED 200,000 AIC.
25. LECTRICAL CONTRACTOR SHALL VERIFY ALL COMPONENTS FOR LL ELECTRICAL APPLICATIONS & DETERMINE THE CORRECTNESS F SAME. ANY DISCREPANCY SHALL BE REPORTED TO THE OWNER RIOR TO FABRICATING ANY MATERIALS, ORDERING COMPONENTS R DOING ANY WORK.
26. IRCUITS ON PANEL SCHEDULE (AND PLANS) ARE TO DETERMINE OAD DATA AND SIZE. THE CONTRACTOR SHALL PROVIDE CIR- UITS AND ROUTING OF CONDUITS AND WIRING TO SUIT JOB ONDITIONS, AND BALANCE THE JOB, THROUGHOUT.
27. HECK EQUIPMENT FOR PROPER VOLTAGE, PHASE AND AMPERAGE ATING PRIOR TO CONNECTION TO CIRCUITS.
28. ANEL BOARDS SHALL BE CIRCUIT BREAKER TYPE. VERIFY UMBER AND SIZES OF CIRCUITS.
29. HEN CONDUIT RUNS EXCEED 200 FEET, PULL BOXES SHALL BE ISTALLED SO THAT NO PULL EXCEEDS THIS DISTANCE.
30. LECTRICAL EQUIPMENT AIC RATING AND FEEDER SIZE SHOWN N THE PLANS ARE DESIGNED FOR MAX. AVAILABLE FAULT URRENT AND MAX. ALLOWABLE VOLTAGE DROP, RESPECTIVELY.

GENERAL PLUMBING NOTES:

1. SUB-CONTRACTORS PROVIDING PLUMBING MATERIALS AND INSTALLATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6.
2. ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
3. ALL MATERIALS SHALL BE NEW.
4. ALL WORK SHALL BE PREFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL.
5. ALL EXCAVATION & BACKFILL AS REQUIRED FOR THIS PHASE OF THE CONSTRUCTION SHALL BE PART OF THE PLUMBING SUB-CONTRACTOR'S RESPONSIBILITIES.
6. PLUMBING FLAT PLANS AND RISER DIAGRAMS (IF INCLUDED) ARE DIAGRAMATIC. DO NOT SCALE THE DRAWINGS FOR EXACT LOCATIONS OF THE PLUMBING FIXTURES.
7. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF THE CONSTRUCTION.
8. WATER PIPING SHALL BE TYPE L COPPER UP TO 1", & TYPE K FOR ALL LARGER SIZES. ALL UNDERGROUND PIPING SHALL BE TYPE K COPPER. AT THE OWNERS OPTION SUPPLY PIPING MAY BE C.P.V.C., SCHEDULE 40 OR SCHEDULE 80.
9. DO NOT USE LEAD BASED SOLDER FOR JOINING SUPPLY PIPING.
10. SOIL, WASTE, VENT & RAINWATER PIPING SHALL BE CAST IRON NO-HUB 301-72 ABOVE GRADE WITH NEOPRENE GASKETS AND STAINLESS STEEL BANDS & BELL & SPIGOT CAST IRON BELOW GRADE W/ LEAD & OAKUM JOINTS OR AT THE OWNERS OPTION, P.V.C., SCHEDULE 40, SEE NOTE 12.
11. AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE THREADED STEEL PIPE, COPPER DRAIN, WASTE OR VENT PIPE AND FITTINGS, OR P.V.C., SEE NOTE 12, BELOW. INSULATE ALL CONDENSATE PIPING EXCEPT WHERE UNDERGROUND, AND ELECTRIC HEAT WRAP WHERE EXPOSED TO FREEZING CONDITIONS.
12. P.V.C. SCHEDULE 40 PIPE AND FITTINGS MAY BE USED FOR SOIL, WASTE, VENT, RAINWATER OR CONDENSATE PIPING AS APPROPRIATE, WHERE APPROVED BY LOCAL BUILDING CODES & OFFICIALS. P.V.C. MAY NOT BE USED TO PENETRATE CHASES OR FIRE RATED WALLS / CEILINGS.
13. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND WHERE PROVIDED, MARKED ACCESS PANELS.
14. FURNISH AND INSTALL APPROVED AIR CHAMBERS AT EACH PLUMBING FIXTURE AND APPROVED SHOCK ARRESTERS ON MAIN LINE OR RISERS.
15. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METALS IN PIPING AND EQUIPMENT CONNECTIONS.
16. ISOLATE COPPER PIPING FROM HANGERS OR SUPPORTS W/ HAIR FELT INSULATOR PADS.
17. PROVIDE 1/2" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM NEAREST PLUMBING FIXTURE, DO NOT MANIFOLD.
18. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES.
19. PROVIDE COMBINATION COVERPLATE / CLEANOUT PLUG FOR ALL WALL CLEANOUTS, FINISH AS DIRECTED BY THE OWNER.
20. FIXTURES, HARDWARE, EQUIPMENT, COLORS AND FINISHES SHALL BE AS SELECTED BY THE OWNER.

GENERAL HVAC NOTES:

1. SUB-CONTRACTORS PROVIDING HVAC INSTALLATION SHALL BE SUJECT TO THE PROVISIONS OF NOTES 1 THRU 6, GENERAL NOTES.
2. HVAC SUB-CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE HVAC SYSTEM.
3. HVAC SYSTEM SHALL BE AS DETAILED IN THE PLANS (IF INCLUDED) OR SHALL BE AS DIRECTED BY THE OWNER IN CONSULTATION WITH THE HVAC SUB-CONTRACTOR.
4. HVAC SUB-CONTRACTOR SHALL FURNISH SHOP DRAWINGS FOR DUCTWORK, CONDENSING UNIT & AIR HANDLER, EXHAUST FANS AND AIR DEVICES.
5. IT IS THE HVAC SUB-CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES.
6. FLEXIBLE DUCT SHALL BE FULLY ANNEALED, CORRUGATED ALUMINUM W/ 1 3/4 LB. DENSITY FIBERGLASS INSULATION AND SHALL BE U.L. LISTED. SHEET METAL DUCT SHALL BE LINED W/ 1" MATFACED DUCT LINER & WRAPPED W/ 1 3/4 L. FOILFACED FIBERGLASS INSULATION. ALL FIBERGLASS DUCT SHALL BE FOILFACED, R4.3/R6.0 DUCTBOARD.
7. ALL EXHAUST AND OUTSIDE AIR DUCT SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHREA AND SMACNA STANDARDS.

GENERAL HVAC NOTES CONTINUED:

8. ALL AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCTION FOR WALL AND CEILING APPLICATIONS AND STEEL CONSTRUCTION IN FLOOR APPLICATIONS. ACCEPTABLE MANUFACTURERS SHALL BE TITUS, METALAIRE, NAILORHART, HART & COOLIE OR AS DIRECTED BY THE OWNER.
9. IF REQUIRED BY THE OWNER, THE HVAC SUB-CONTRACTOR SHALL SUPPLY A TEST AND BALANCE REPORT IN ACCORDANCE WITH AIR BALANCE COUNCIL STANDARDS, SIGNED AND SEALED BY A REGISTERED ENGINEER.
10. HVAC SUB-CONTRACTOR SHALL SUPPLY ALL CONTRACTORS, RELAYS AND THERMOSTATS. THE ELECTRICAL SUB-CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS & CONTROL WIRING. THERMOSTATS SHALL BE APPROVED BY THE EQUIPMENT MANUFACTURER.
11. ALL DUCT SIZES INDICATED IN THE PLANS (IF INCLUDED) ARE NET INSIDE DIMENSION.
12. ALL EQUIPMENT SHALL BE FULLY WARRANTED FOR 1 YEAR AND THE COMPRESSOR(S) SHALL BE WARRANTED 5 YEARS FROM DATE OF FINAL ACCEPTANCE, BY THE OWNER.
13. ALL WORK IN THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES SO AS TO AVOID CONFLICTS OR HINDRANCE TO COMPLETION OF THE JOB
14. CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1.2" THICK ARMAFLEC INSULATION.
15. FILTERS SHALL BE DISPOSABLE TYPE AND HAVE INITIAL SHARE WEIGHT ARRESTANCE OF 10% AND A CLEAN PRESSURE DROP OF 0.15 PROVIDE 2 SETS, ONE DURING CONSTRUCTION AND ONE FOR USE AT FINAL ACCEPTANCE.
16. HVAC SUB-CONTRACTOR SHALL PROVIDE & INSTALL ALL NECESSARY OFFSETS, TRANSITIONS & BENDS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
17. IT IS THE RESPONSIBILITY OF THE HVAC SUB-CONTRACTOR TO COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICIAN, LIGHTS AND ARCHITECTURAL ELEMENTS.
18. COORDINATE W/ THE ELECTRICIAN, TO ASSURE SUITABLE SIZES OF BREAKER, SWITCHES AND WIRING.

REQUIRED OUTDOOR VENTILATION PER TABLE 403.3 FMC.

LOCATION	CFM/PERSON	TOTAL CFM
WOMEN'S LOCKER	50 CFM PER W.C. & SHOWER = 3 x 50 = 150 CFM	150
MEN'S LOCKER	50 CFM PER W.C. & SHOWER = 3 x 50 = 150 CFM	150
H.C. RESTROOM	50 CFM PER W.C. = 1 x 50 = 50 CFM	50
OFFICE	7 PERSONS PER 1,000 SF 20 CFM/PERSON = 92.4 CFM	92.4
TOTAL		442.4

NOTE:
BATHROOM EXHAUST SHALL BE DIRECTED TO OUTSIDE OF BUILDING. EXHAUST AIR SHALL NOT BE DIRECTED ONTO WALKWAYS. AIR EXHAUST OPENINGS SHALL BE PROTECTED WITH CORROSION-RESISTANT SCREENS, LOUVERS OR GRILLS IF TERMINATING OUT DOORS.

BUILDING USE, CLASSIFACATION & OCCUPANCY AS PER TABLES 503 & 1004.1.2, FLORIDA BUILDING CODE, 2004 ED. w/2006 REVISIONS	
BUILDING GROUP OCCUPANCY	GROUP U
TABLE 503 TYPE OF CONSTRUCTION	TYPE V - B
TABLE 503 AREA/HEIGHT LIMITATIONS	5.5 KSF/1 STORY
OCCUPANCY	
LOAD CAPACITY: 50 GROSS: 660 SF/50	13 OCCUPANTS

PROJECT INFORMATION / NOTES:

DESIGN VALUES/LOADS & CODES

DESIGN CRITERIA

1. ALL WORK SHALL CONFORM TO AT LEAST THE MINIMUM STANDARD OF THE FOLLOWING CODES:
2004 FLORIDA BUILDING CODE, BUILDING, w/ 2006 REVISIONS
2004 FLORIDA BUILDING CODE, FUEL GAS
2004 FLORIDA BUILDING CODE, MECHANICAL
2004 FLORIDA BUILDING CODE, PLUMBING
2004 FLORIDA FIRE PREVENTION CODE
2005 NATIONAL ELECTRIC CODE.

CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRACATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO FINAL PLAN SETS

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

INORGANIC ARSENICAL PRESSURE TREATED WOOD

SOME FRAMING MATERIALS SPECIFIED FOR THE CONSTRUCTION OF YOUR PROJECT SUCH AS SILLS OR EXTERIOR FRAMING ARE PRESSURE TREATED. EACH PIECE IS CLEARLY MARKED FOR EASY IDENTIFICATION AND IS USUALLY GREENISH IN COLOR.

THIS WOOD HAS BEEN PRESERVED BY PRESSURE-TREATMENT WITH AN EPA-REGISTERED PESTICIDE CONTAINING INORGANIC ARSENIC TO PROTECT IT FROM INSECT ATTACK AND DECAY. EXPOSURE TO TREATED WOOD MAY PRESENT CERTAIN HAZARDS, THEREFORE, PRECAUTIONS SHOULD BE TAKEN BOTH WHEN HANDLING THE TREATED WOOD AND IN DETERMINING WHERE TO USE OR DISPOSE OF THE TREATED WOOD.

FOR FURTHER INFORMATION ON THE USE OF AND DISPOSAL OF INORGANIC ARSENIC PRESSURE TREATED WOOD, PLEASE REFER TO THE EPA MATERIAL SAFETY SHEET DEALING WITH THIS PRODUCT.

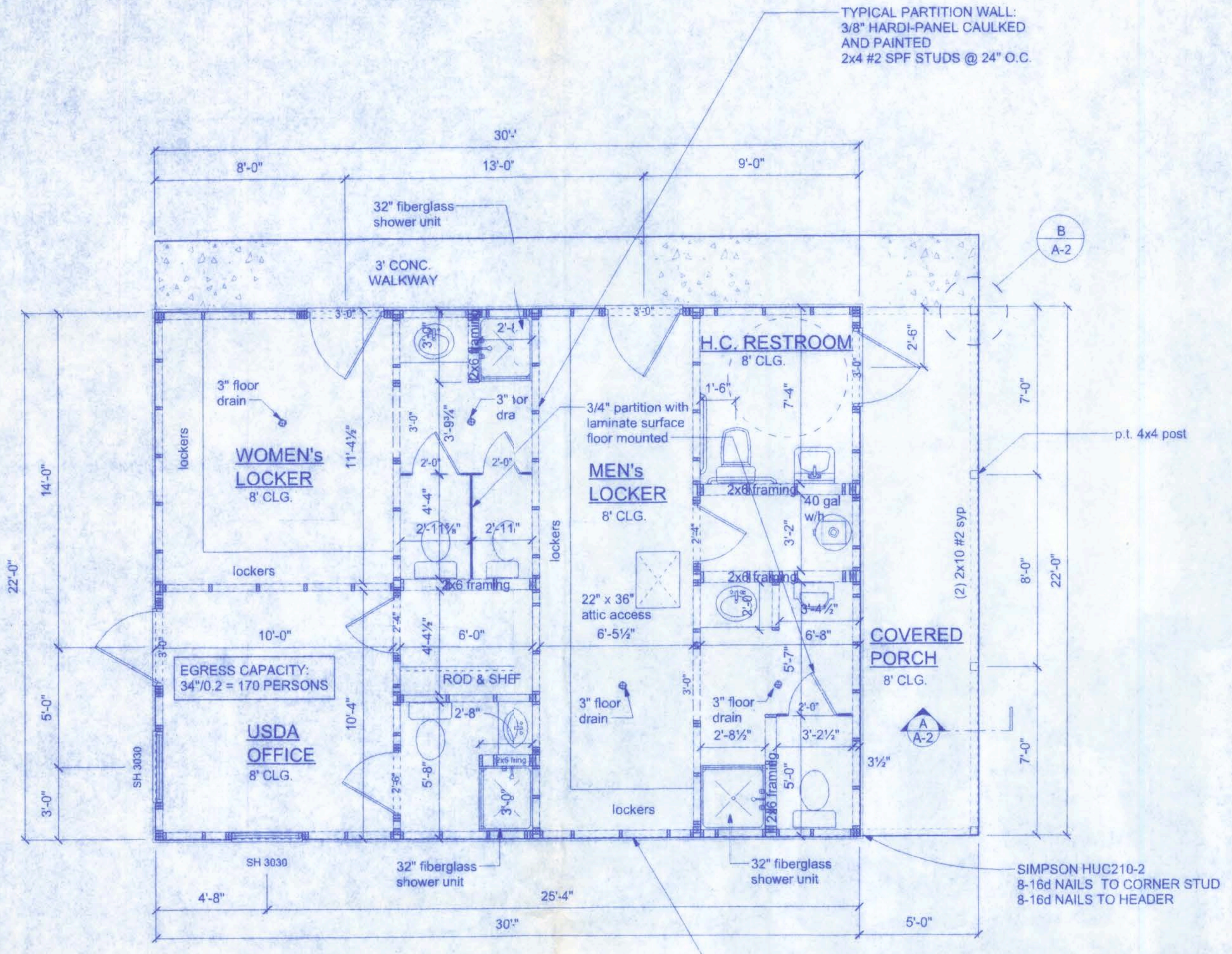
NOTE:
ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2004 EDITION w/2006 REVISIONS, AND IN ACCORDANCE WITH ASCE-7

BASIC WIND SPEED		110 MPH
IMPORTANCE FACTOR		1.0
BUILDING CATEGORY		2
EXPOSURE		B
INTERNAL PRESSURE COEFFICIENT		+/- 0.18
COMPONENT AND CLADDING PRESSURE	WALLS	+21.8/-29.1 PSF
	ROOF	+12.5/-29.1 PSF
	OVERHANGS	-71.6 PSF
TYPE OF STRUCTURE		ENCLOSED
ROOF DEAD LOAD		10 psf
ROOF LIVE LOAD		20 psf
FLOOR DEAD LOAD		20 psf
FLOOR LIVE LOAD		40 psf

NETTLES SAUSAGE INC.
OFFICE & LOCKER BUILDING

Freeman Design Group inc
128 SW NASSAU STREET
LAKE CITY, FL. 32025
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00008701

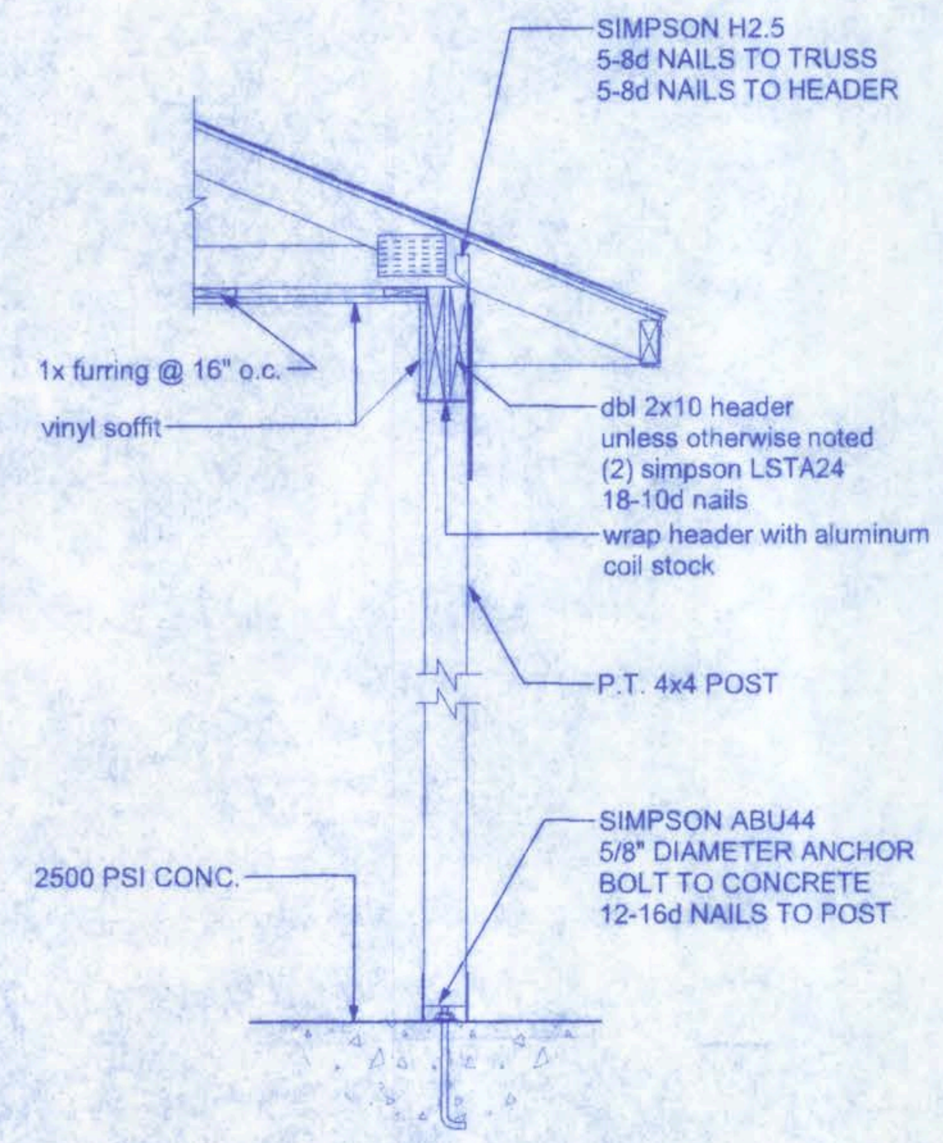
DATE 12/11/08	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISONS	
SHEET	A-1
OF	6
PROJECT NO.	08C021



FLOOR PLAN

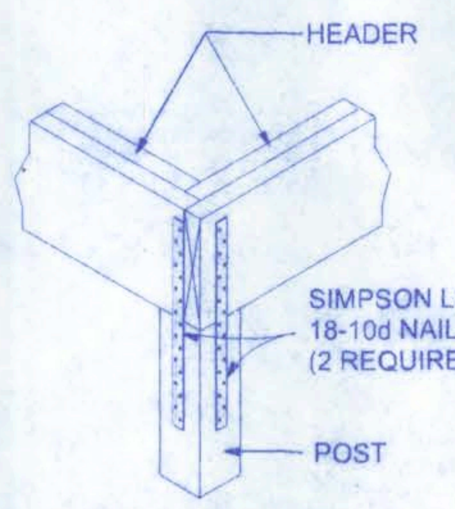
SCALE: 1/4" = 1'-0"

AREA SUMMARY	
USDA OFFICE	180 SF
RESTROOMS	480 SF
COVERED	110 SF
TOTAL	770 SF



A PORCH SECTION

SCALE: 3/4" = 1'-0"



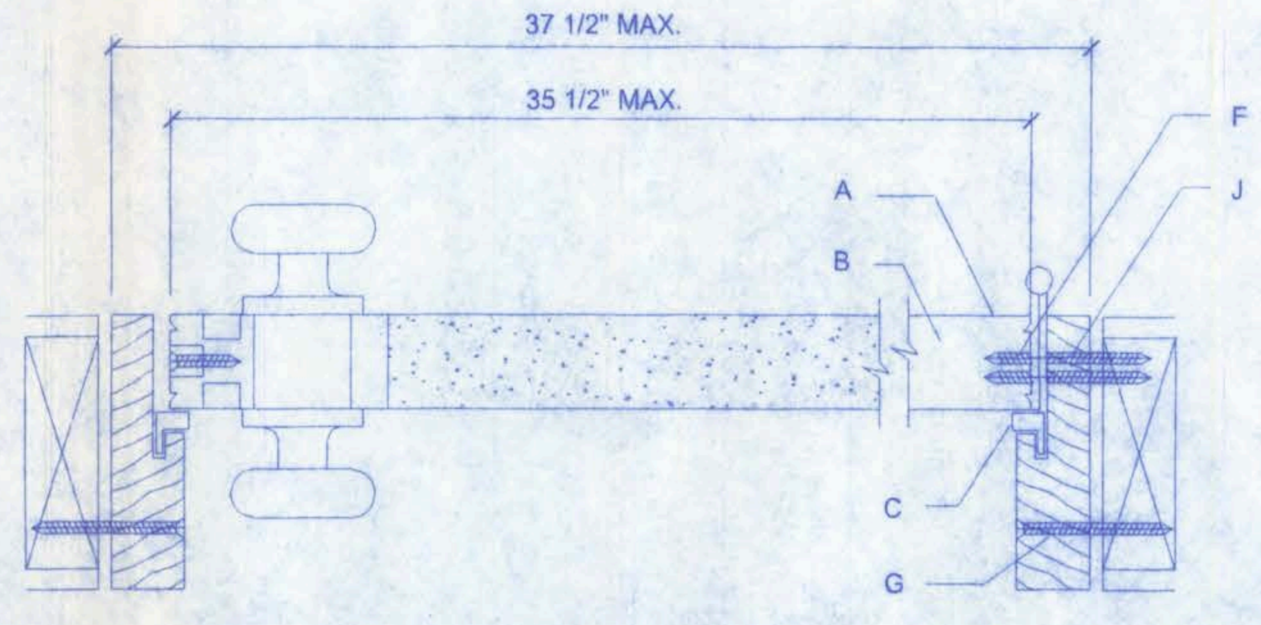
B CORNER POST/HEADER DETAIL

NTS

PRODUCT CODE	SIZE	COUNT
3068 COLONIAL EXTERIOR	3'-0"	3
2668 COLONIAL EXTERIOR	2'-6"	1
2068 INTERIOR MASONITE	2'-0"	3
2468 INTERIOR MASONITE	2'-4"	2
SH 3030 ALUMINUM	3'-0" x 3'-0"	2

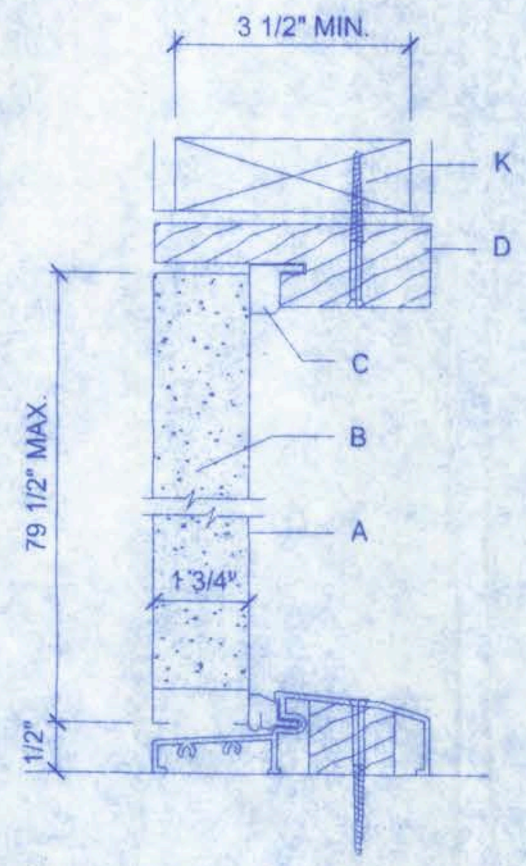
Door Notes

- A STEEL SKIN - 26 GA.
- B POLYURETHANE FOAM CORE
- C COMPRESSION WEATHER STRIP
- D WOOD HEAD JAMB
- E ALUMINUM BUMPER THRESHOLD
- F #10-24 X 1/2" F.H.M.S. (4) SCREWS PER HINGE INTO DOOR
- G #10 X 3" F.H.W.S. (5) SCREWS THROUGH HINGE JAMB, 8" DOWN FROM TOP, MAX. 18" O.C. THEREAFTER.
- H NOT USED
- J #10 X 2" F.H.W.S (4) SCREWS THROUGH EACH HINGE INTO DOOR JAMB.
- K #10 X 2" F.H.W.S (2) SCREWS THROUGH HEAD INTO HEADER.



HORIZONTAL SECTION - SINGLE DOORS

NOTE, VERIFY ROUGH OPENING DOOR REQUIREMENTS PRIOR TO CONSTRUCTION.



TYPICAL VERTICAL SECTION

DESIGN PRESSURE RATINGS *	
POSITIVE	+76.0 PSF
NEGATIVE	-76.0 PSF

* WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED

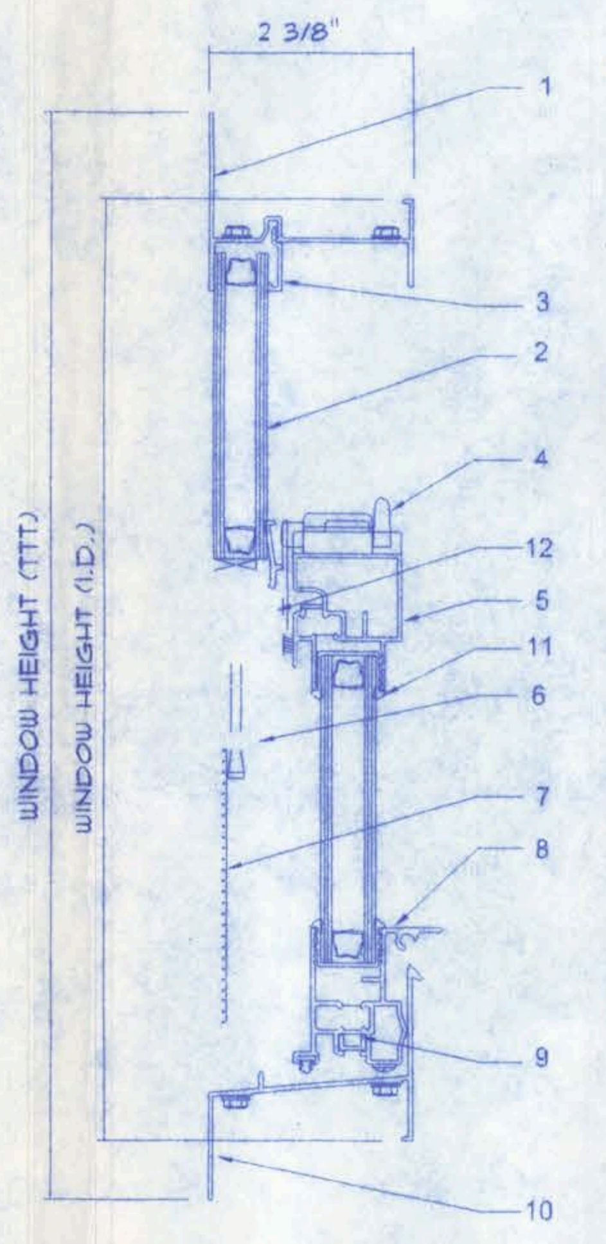
NOTE !!!
EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

SERIES ENTERGY 6-8 W/E INSWING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

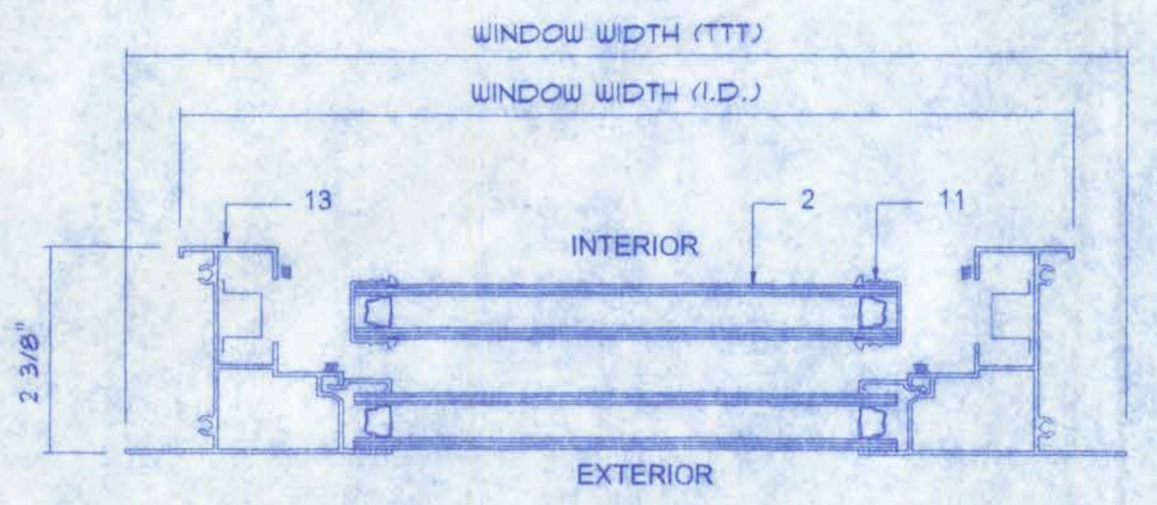
Exterior Door DETAILS

SCALE : NONE

C



VERTICAL SECTION - SINGLE HUNG WINDOW



HORIZONTAL SECTION - SINGLE HUNG WINDOW

INSTALLATION	MODEL
1" ROOF'G. NAILS @ 6" FROM CORNERS, 8" O.C.	SERIES 740

NOTE !!!
ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY "MI HOME PRODUCTS, INC." - OTHER MANUFACTURERS/PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WIND DESIGN PERFORMANCE MEETS OR EXCEEDS THESE UNITS.

NOTE, VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.

N1 - COMPLETE WITH FAN LITE AS PER SERIES 450

N2 - TESTING AS PER ASTM E1300

Window Notes

1. FLANGED HEAD
2. INSULATED GLASS
3. GLAZING BEAD
4. LOCK
5. SASH TOP RAIL
6. SCREEN FRAME
7. FIBERGLASS MESH
8. BOTTOM SASH RAIL
9. PIVOT BAR
10. FLANGED SILL
11. MARINE GLAZING
12. FIXED MEETING RAIL
13. FLANGED JAMB

Typ. Window Sash DETAILS

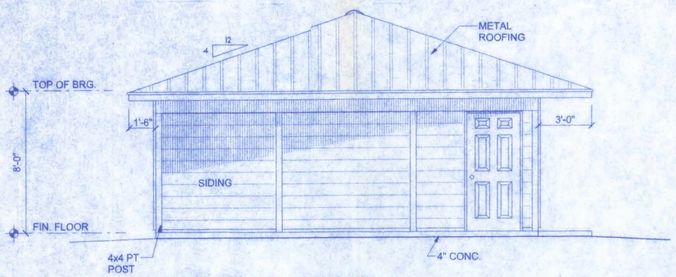
SCALE : NONE

D

NETTLES SAUSAGE INC. OFFICE & LOCKER BUILDING

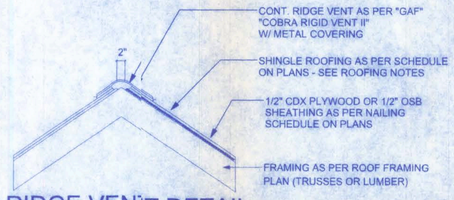
Freeman Design Group, Inc.
128 SW NASSAU STREET
LAKE CITY, FL 32025
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00009701

DATE 12/1108	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET	A-2
OF	6
PROJECT NO.	08.C021



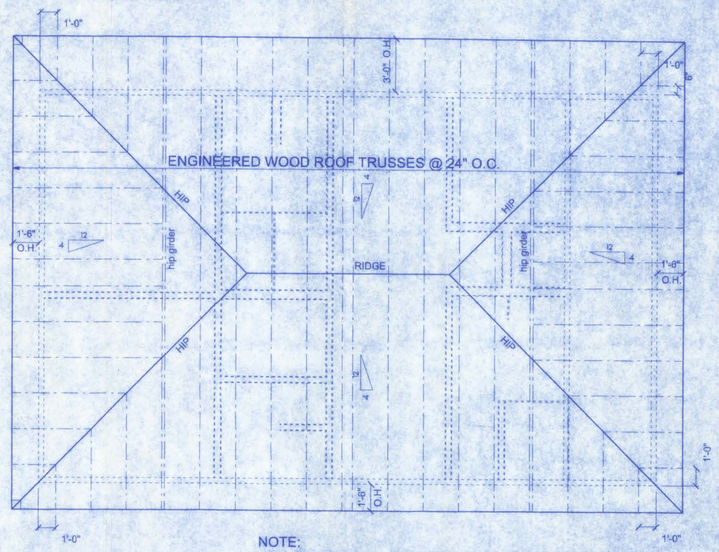
NORTH ELEVATION

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



RIDGE VENT DETAIL

NOTE:
begin stud layout from this end so that each stud is directly under each truss



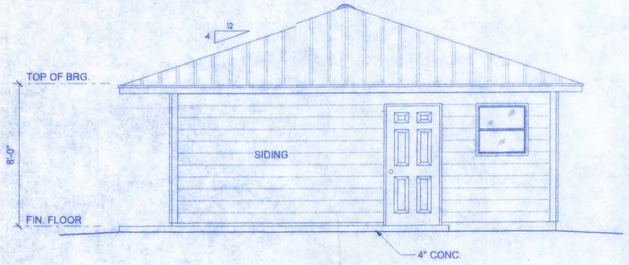
ROOF PLAN

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

NOTE:
FRAME EXTERIOR WALLS SO THAT TRUSS LAYOUT LINES UP DIRECTLY OVER STUDS.

VENTILATION REQUIREMENTS

Total Attic Square Footage	Recommended Length of Cobra Rigid Vent II (Feet)	Minimum Intake Ventilation (Net Free Area in Sq. In.)
1600	21	384
1900	25	456
2200	29	528
2500	33	600
2800	41	744
3100	41	820
3400	45	816



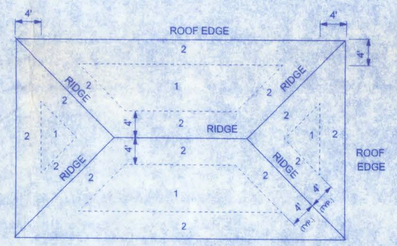
SOUTH ELEVATION

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

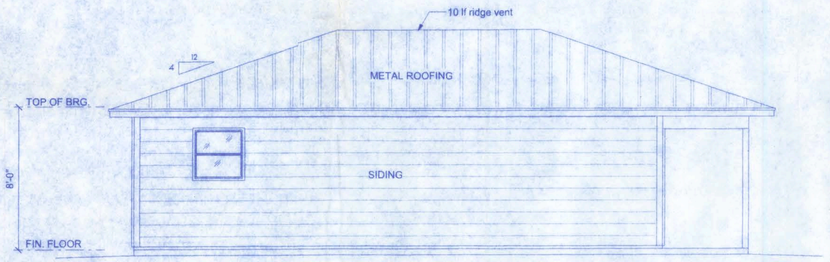
NOTE: VENTILATE ROOF TO 1/300TH THE INSULATED ATTIC.
(769 SF / 300 = 2.563 SF * 144 SQ.IN./SF = 369.12 SQ. IN.)

ROOF SHEATHING FASTENINGS

NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2" C.D.X.	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6 in. o.c. EDGE 12 in. o.c. FIELD
2			6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. @ GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD

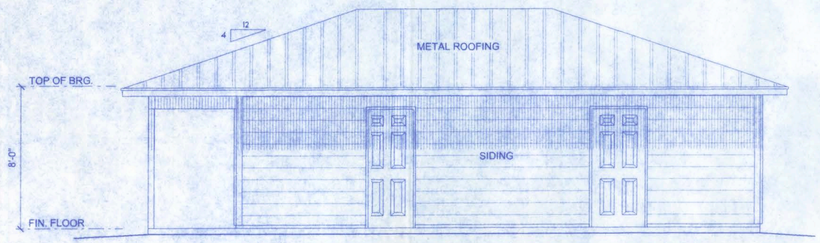


ROOF SHEATHING NAILING ZONES (HIP ROOF)



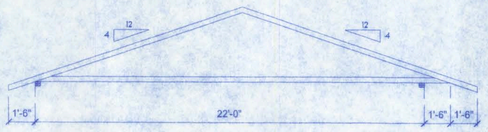
EAST ELEVATION

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



WEST ELEVATION

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



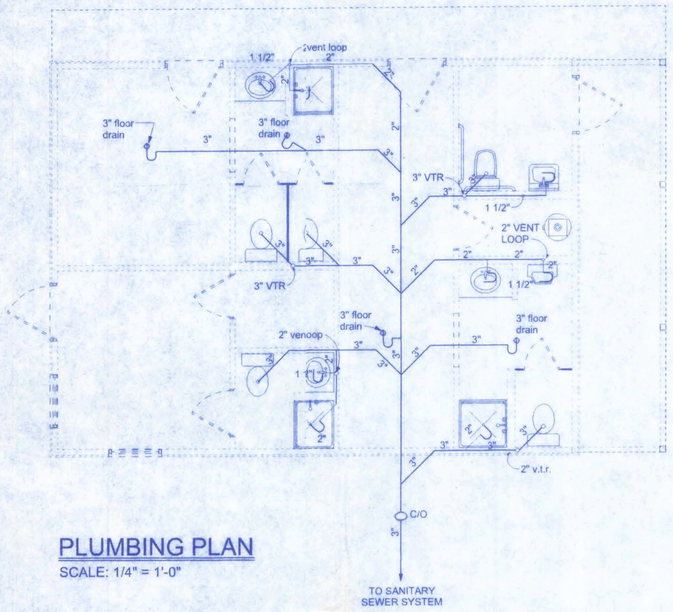
TYPICAL TRUSS PROFILE

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

NETTLES SAUSAGE INC.
OFFICE & LOCKER BUILDING

Freeman Design Group Inc
129 SW NASSAU STREET
LAKE CITY, FL. 32025
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00006701

DATE 12/1/08	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET	A-3
OF	6
PROJECT NO.	08.C021



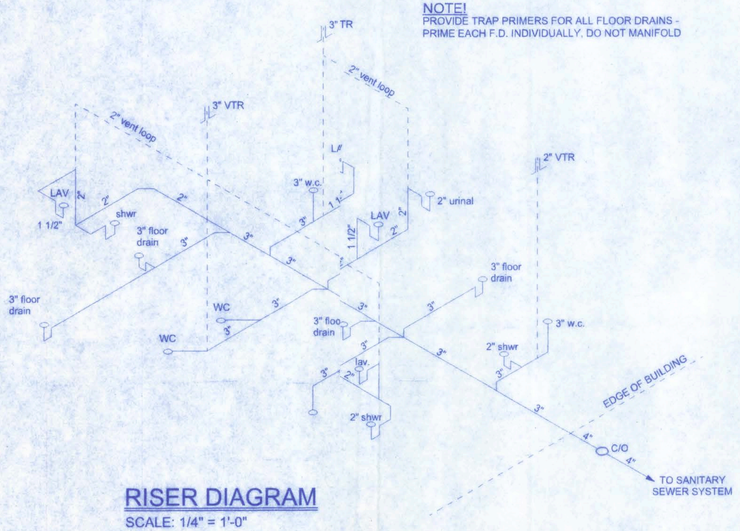
PLUMBING PLAN

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

NOTE!
PLUMBING CONTRACTOR SHALL PREPARE 'AS-BUIL' SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - ONT'R SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE!
PROVIDE PLUMBING CLEAN-OUTS AT THE BASE OF ALL STACKS, A MAXIMUM OF 75' O.C. ALONG ALL MAIN DRAIN RUNS AND THE UP-STREAM ENDS OF MAIN DRAIN RUNS, WHERE THE MAIN BUILDING DRAIN EXITS THE BUILDING AND AT 75' INTERVALS TO THE DISPOSAL SITE.

NOTE!
PROVIDE TRAP PRIMERS FOR ALL FLOOR DRAINS - PRIME EACH F.D. INDIVIDUALLY. DO NOT MANIFOLD



RISER DIAGRAM

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

FIXTURE SCHEDULES

MEN'S ROOM:

QYT.	DESCRIPTION
1	GERBER #21-712, ELONGATED BOWL, WHITE.
1	GERBER OVAL LAVATORY
1	GERBER 44-051 SERIES LAVATORY FAUCETS
1	GERBER 27-780 WALL MOUNT URINAL
1	GERBER G9-130 TUB & SHWR TRIM KIT w/ LOOP HANDLE & IPS SPOUT

OFFICE:

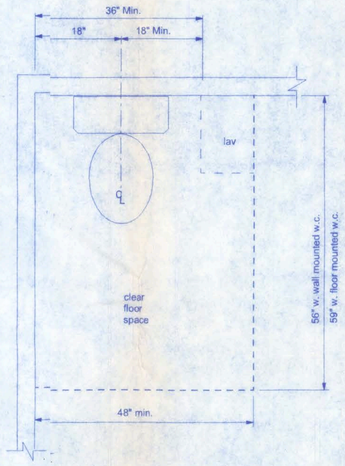
QYT.	DESCRIPTION
1	GERBER #21-712, ELONGATED BOWL, WHITE.
1	GERBER OVAL LAVATORY
1	GERBER 44-051 SERIES LAVATORY FAUCETS
1	GERBER G9-130 TUB & SHWR TRIM KIT w/ LOOP HANDLE & IPS SPOUT

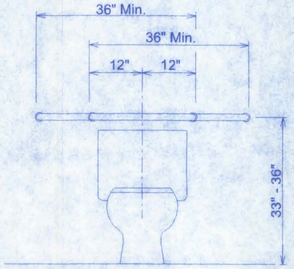
WOMEN'S ROOM:

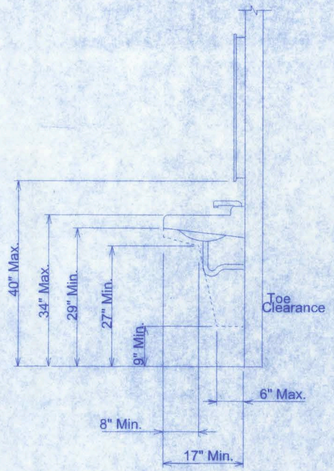
QYT.	DESCRIPTION
2	GERBER #21-712, ELONGATED BOWL, WHITE.
1	GERBER OVAL LAVATORY
1	GERBER 44-051 SERIES LAVATORY FAUCETS WRIST BLADE HANDELS
1	GERBER G9-130 TUB & SHWR TRIM KIT w/ LOOP HANDLE & IPS SPOUT

UNISEX ROOM:

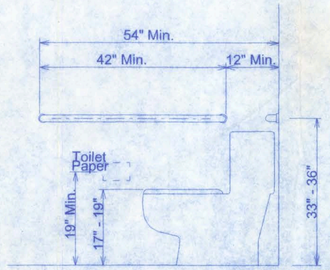
QYT.	DESCRIPTION
1	GERBER #21-718, 17" HIGH ELONGATED BOWL, WHITE
1	GERBER #12-554, 24"x20"LAV. W/ PEDESTAL, WHITE
1	GERBER #44-051 SERIES LAVATORY FAUCETS W/ WRIST BLADE HANDELS
1	1 1/2" x 36" GRAB BAR ON WALL BEHIND TOILET
1	1 1/2" x 42" GRAB BAR ON WALL RIGHT SIDE OF TOILET



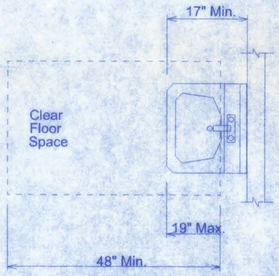




LAVATORY CLEARANCES

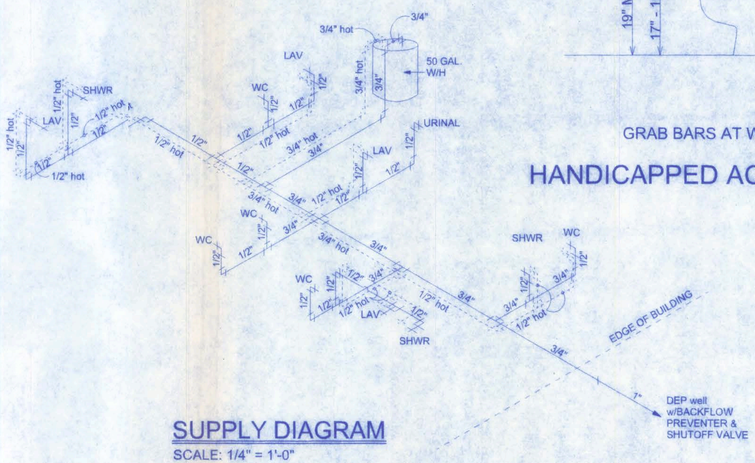


GRAB BARS AT WATER CLOSETS



CLEAR FLOOR SPACE AT LAVATORIES

HANDICAPPED ACCESSIBLE CONSTRUCTION DETAILS



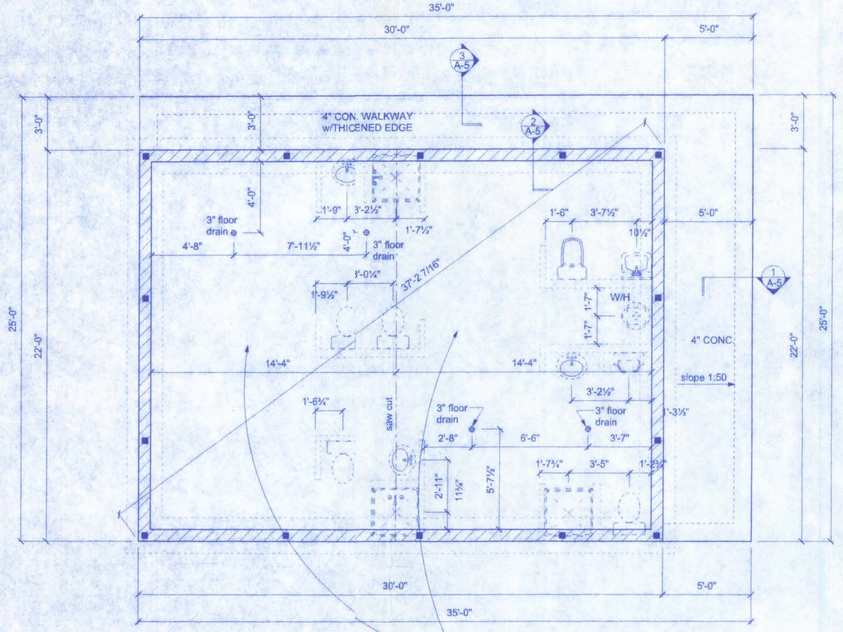
SUPPLY DIAGRAM

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

NETTLES SAUSAGE INC. OFFICE & LOCKER BUILDING

Freeman Design Group inc
128 SW NASSAU STREET
LAKE CITY, FL. 32025
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00006701

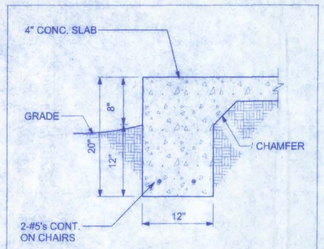
DATE 12/1/08	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET A-4	
OF 6	
PROJECT NO. 08.C021	



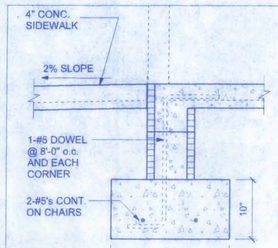
FOUNDATION PLAN

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

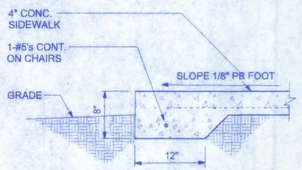
4" CONC. SLAB (2500 PSI. MIN.)
REINFORCED WITH SYNTHETIC FIBERS
ON 6 MIL. POLYETHYLENE VAPOR
BARRIER, LAPPED 6" @ JOINTS AND
SEALED WITH DUCT TAPE OVER
TERMITE TREATED COMPACTED FILL



1 A-5 STEMWALL SECTION

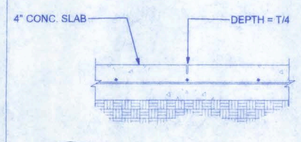


2 A-5 STEMWALL FOOTING



3 A-5 THICKENED EDGE @ sidewalk

NOTE:
SAW CUT SHALL BE MADE
WITHIN 24 HOURS OF POUR



4 A-5 SAWCUT DETAIL

SCALE: 1" = 1'-0"

FOUNDATION NOTES:

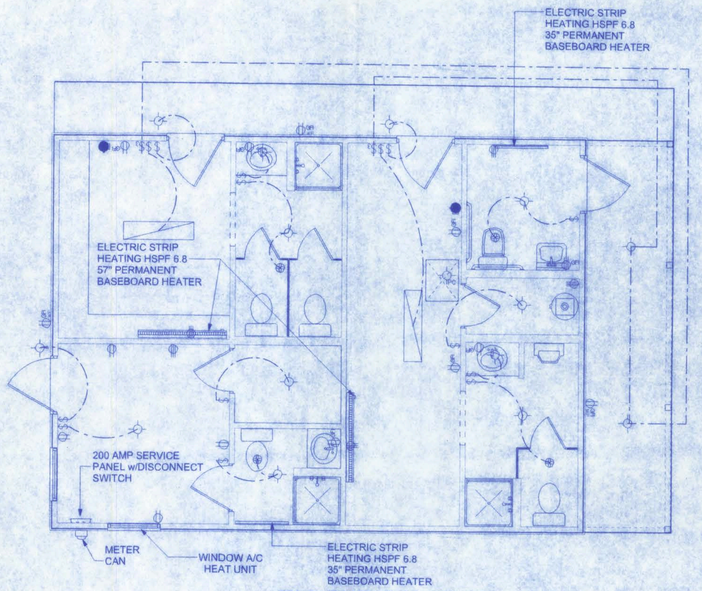
CONCRETE:
CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.

GALVANIZATION:
METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT DIRECTLY EXPOSED TO THE WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS B-2. METAL PLATE CONNECTORS, SCREWS, BOLTS AND NAILS EXPOSED DIRECTLY TO THE WEATHER SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.

REINFORCING STEEL:
THE REINFORCING STEEL SHALL BE MINIMUM GRADE 60

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:
1. ALL REINFORCEMENT IS BENT COLD.
2. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS AND
3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.
EXCEPTION: WHERE BENDING IS NECESSARY TO ALIGN DOWEL BARS WITH A VERTICAL CELL, BARS PARTIALLY EMBEDDED IN CONCRETE SHALL BE PERMITTED TO BE BENT AT A SLOPE OF NOT MORE THAN 1 INCH OF HORIZONTAL DISPLACEMENT TO 6 INCHES OF VERTICAL BAR LENGTH.

COVER OVER REINFORCING STEEL
FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE:
3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER AND 1 1/2 INCHES ELSEWHERE. REINFORCING BARS EMBEDDED IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 1/4 INCH FOR FINE GROUT OR 1/2 INCH FOR COARSE GROUT BETWEEN REINFORCING BARS AND ANY FACE OF A CELL. REINFORCING BARS USED IN MASONRY WALLS SHALL HAVE A MASONRY COVER (INCLUDING GROUT) OF NOT LESS THAN 2 INCHES FOR MASONRY UNITS WITH FACE EXPOSED TO EARTH OR WEATHER 1 1/2 INCHES FOR MASONRY UNITS NOT EXPOSED TO EARTH OR WEATHER



ELECTRICAL PLAN

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

LIFE SAFETY NOTES

ALL EXIT AND EMERGENCY LIGHTING SHALL BE INSTALLED PER NEC 700-12, 2001 EDITION.

ACCESS TO EXITS SHALL BE MARKED BY APPROVED READILY VISIBLE SIGNS IN ALL CASES WHERE THE EXIT OR WAY TO REACH THE EXIT IS NOT READILY APPARENT TO THE OCCUPANTS. SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN THE EXIT ACCESS CORRIDOR IS MORE THAN 100 FT FROM THE NEAREST EXTERNALLY ILLUMINATED SIGN AND IS NOT IN EXCESS OT THE MARKED RATING FOR INTERNALLY ILLUMINATED SIGNS.

ALL FIRE EXTINGUISHERS SHALL BE TYPE 20AB AND SHALL BE LOCATED SO THAT NO POINT IN THE DIRECTION OF TRAVEL FROM ANY POINT IS MORE THAN 75 FT TO THE FIRE EXTINGUISHER.

ELECTRICAL PLAN NOTES

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKT'S IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS.
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

LOAD CALCULATIONS:

	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD
CONTINUOUS			
GENERAL LIGHTING	2,000 VA	1.25	2,500 VA
EXTERIOR LIGHTING	800 VA	1.25	1,000 VA
WATER HEATER	4,500 VA	1.25	5,625 VA
			9,125 VA
NON-CONTINUOUS			
RECEPTACLES	3,500 VA	1.0	3,500 VA
35" BASE BOARD HEATER	1,000 VA	1.0	1,000 VA
47" BASE BOARD HEATER	2,000 VA	1.0	2,000 VA
		TOTAL	15,625 VA
		@ 120/240 1 PHASE	65.10 AMPS
		PROVIDED SERVICE	100 AMPS

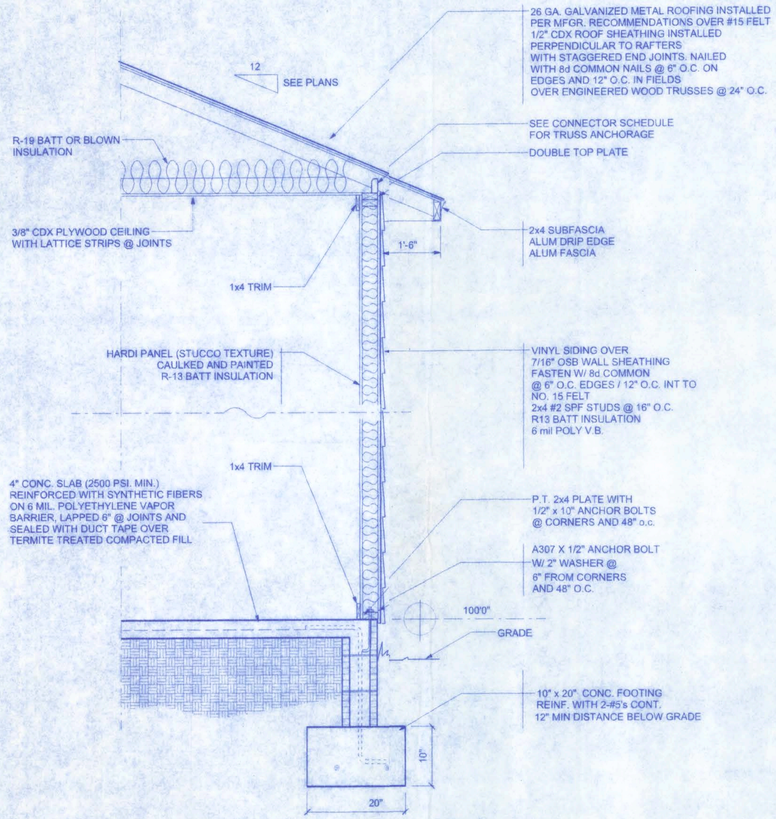
ELECTRICAL	SYMBOL
fluorescent fixture	
Meter can	
electrical panel	
50 cfm exhaust fan	
exit light	
light	
outlet	
outlet 220v	
outlet gfi	
pull chain light	
switch	$
switch 3 way	$3
type 20 fire ext	
weatherproof gfi	

12/10/08
P.E. #59011

NETTLES SAUSAGE INC.
OFFICE & LOCKER BUILDING

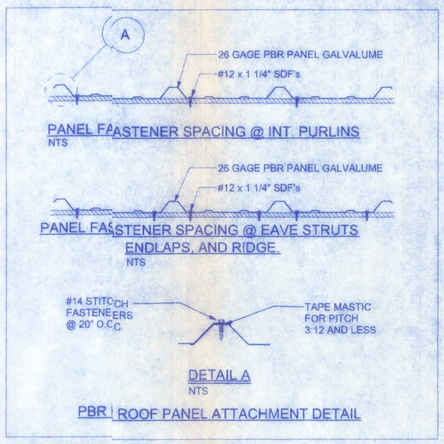
Freeman Design Group Inc
128 SW NASSAU STREET
LAKE CITY, FL. 32025
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00008701

DATE 12/11/08	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET	A-5
OF	6
PROJECT NO.	08.C021

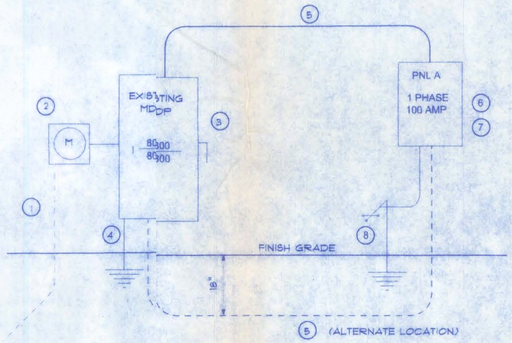


TYPICAL WALL SECTION

3/4" = 1'-0"



PBR ROOF PANEL ATTACHMENT DETAIL



1. Service/Feeder Entrance Conductors: 2 1/2" rigid conduit, min 18" deep, w. continuous ground bonding conductor. Service/Entrance Conductors shall not be spliced except that bolted conections at the Meter, Disconnecting Devices and Panel shall be allowed.
2. Existing Meter Enclosure, weatherproof, U.L. Listed.
3. Main Disconnect Switch: fused or Main Breaker, weatherproof, U.L. Listed.
4. Service entrance ground: 5/8" diameter iron/steel rod x 8'-0" long and/or concrete encased foundation steel rebar x 20'-0" long. Grounding conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per Item #5 below.
5. 100 Ampere Feeder 3-#1- THHN-Cu, 1-#4-Cu-GND, 2" Conduit
6. House Panel (PNL), U.L. Listed, sized per schedule.
7. Equipment Disconnect Switch: non-fused, in weather proof enclosure, size according to Panel Schedule loads.
8. Provide Ground Bond Wire to metal piping, size in accordance with the Service Ground Conductor.

CONNECTOR SCHEDULE FOR TRUSS ANCHORAGE

CONNECTOR	TRUSS	TOP PLATE	UPLIFT PROVIDED	MANUFACTURER
H2.5	5-8d NAILS	5-8d NAILS	365 LBS	SIMPSON
H10	8-8d NAILS	8-8d NAILS	850 LBS	SIMPSON
MTS12	7-10d NAILS	7-10d NAILS	1,000 LBS	SIMPSON
H16	2-10d NAILS	10-10d NAILS	1,300 LBS	SIMPSON
(2)HTS20	10-10d NAILS	10-10d NAILS	2 x 1,450 = 2,900 LBS	SIMPSON

INTERIOR FINISH SCHEDULE

ROOM	FLOORING	BASE	WALLS	CEILING	CLG. HEIGHT
OFFICE	12" V.C.T.	1x4 BASE	SMOOTH DRYWALL	PAINTED PLYWOOD	8'-0"
WOMEN'S LOCKER	STAINED CONC.	1x4 BASE	HARDI BOARD	PAINTED PLYWOOD	8'-0"
MEN'S LOCKER	STAINED CONC.	1x4 BASE	HARDI BOARD	PAINTED PLYWOOD	8'-0"
WOMEN'S	STAINED CONC.	1x4 BASE	HARDI BOARD	PAINTED PLYWOOD	8'-0"
MEN'S	STAINED CONC.	1x4 BASE	HARDI BOARD	PAINTED PLYWOOD	8'-0"

PANEL BOARD SCHEDULE

PANEL: PNL LOCATION: OFFICE
TYPE: SQ.D. NQOD7 MAIN LUGS ONLY MAIN BREAKER: X AMPS: 100
VOLTS: 120/240 PHASE: 1 WIRE: 3 SINGLE POLES: 20
A.I.C. RATING: 10,000 KVA FEEDER SIZE: 3 - #1 THHN
FEED / TOP: X BOTTOM
MOUNTING / SURFACE FLUSH: X
CABINET / STANDARD: X
TOTAL KW LOAD: 12.625

WIRE	GND.	COND.	APPLICATION	LOAD	CIR.	BRK.	BRK.	CIR.	LOAD	APPLICATION	COND.	GND.	WIRE
12	12	1/2"	BATHROOM		1	20/1	30/2	2		WATER HEATER	1/2"	10	10
12	12	1/2"	LIGHTING		3	20/1		4					
12	12	1/2"	LIGHTING		5	20/1	20/1	6		BATHROOM	1/2"	12	12
12	12	1/2"	RECEPT		7	20/1	20/1	8		LIGHTING	1/2"	12	12
			SPACE		9			10		SPACE			
					11			12					
					13			14					
					15			16					
					17			18					
					19			20					

NETTLES SAUSAGE INC. OFFICE & LOCKER BUILDING

William H. Freeman 12/1/2008 PE #56011

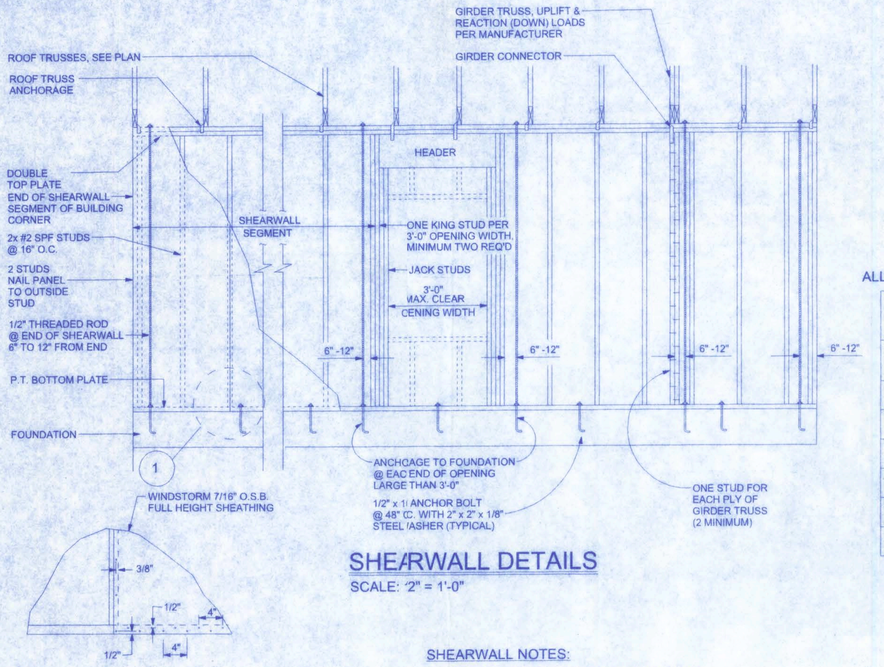
Freeman Design Group Inc
128 S/W NASSAU STREET
LAKE CITY, FL 32025
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00005701

DATE 12/1/08 | DRAWN BY J.T.D. | APPROVED W.H.F.

REVISIONS

SHEET A-6 OF 6

PROJECT NO. 08.C021



SHEARWALL DETAILS

SCALE: 2" = 1'-0"

1 DOUBLE NAIL EDGE SPACING TOP AND BOTTOM PLATE

UPLIFT CAPACITY = 474 plf
(TABLE 30S51 SSTD10-99)

RULES:
1. One all-thread rod at each corner.
2. One all-thread rod at each end of shearwalls.
3. One all-thread rod at each end of opening headers greater than 3'-0"
4. Check sub-sheathing to top plate connection for horizontal transfer capability.
5. If necessary, add all-thread rods to girders individually to exclude the from average uplift f
6. Check sole plate to slab connection, additional anchors may be required for lateral and shar load transfer.

ALLOWABLE VALUES	
Connection Type	Allowable Value
Foundation / S.Y.P. Top Plate	3840 lbs.
Foundation / Spruce-Pine-Fir Top Plate	3840 lbs.
Lintel or Bond Beam / S.Y.P. Top Plate	3840 lbs.
Lintel or Bond Beam / Spruce-Pine-Fir Top Plate	3840 lbs.

Placement at slab level:

Corners
When presetting the all-thread rod at a building corner, the rod should be placed 8 to 12 inches away from the corner so it does not set under the corner framing members. When a all-thread rod is specified at a building corner, it may be placed on either side of the corner.

Header ends
When presetting the all-thread rod at a header end, the rod should be placed 8 to 12 inches away from the header end so it does not fall under the stud pack framing members.

Top Connections
Top connections made at corners and header ends shall be made within 2 inches of the framing pack. A nut and 3X3 washer shall be applied to the top plates and tightened securely.

Intermediate Coupler Connections
When using the rod coupler, care should be taken to ensure full and equal thread engagement. This is easily achieved by threading the coupler all the way onto the rod, then standing the two rods end to end, then threading the coupler back over the rod joint so each rod is halfway into the coupler.

Retro-fits
In the case of an all thread rod misplacement, the rod may be epoxied into the concrete.

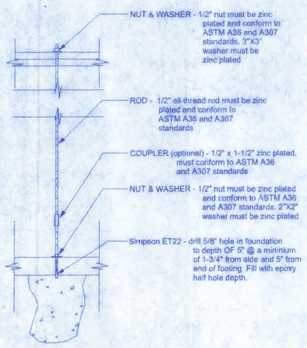
Sole plate to slab connection:
The slab level sole plate shall be connected to the slab with the connectors specified and at the spacing specified within the design documents. All-thread rods shall be placed as per the design specifications. All-thread rods with a nut and washer at the sole plate will qualify as a sole plate connection but may require other anchors intermediate of the all-thread rod locations to qualify the specified spacing requirements.

System Tightening:
On multiple story applications, the all-thread rod system shall be rechecked for proper tension just before the walls are veneered. This will allow the all-thread rod system to compensate for the buildings dead load compression.

SHEARWALL NOTES:

1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-99 305.4.3.
2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" O.S.B. INCLUDING AREAS ABOVE AND BELOW OPENINGS.
3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
4. NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN THE FIELD.
5. TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 5/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 ie. FOR 8'-0" WALLS - (2'-3").

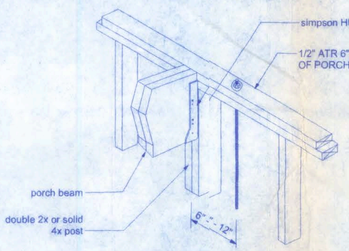
OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
> 6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
> 9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3



OPENING CONNECTION REQUIREMENTS				
CLEAR OPENING WIDTH	HEADER SIZE #2 GRADE OR BETTER	END BEARING	CONNECTOR AT EACH END OF OPENING	ANCHORAGE TO FOUNDATION @ EACH END OF OPENING
0' - 3'	(2) 2x8	1.5"	N/A	N/A
>3' - 6'	(2) 2x10	3"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD
>6' - 9'	(2) 2x12	3"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD
>9' - 12'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	3"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD
>12' - 15'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	3"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD
>15' - 18'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	4.5"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD

ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS

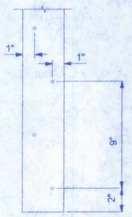
STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
rafters having slopes greater than 2/12 with no finished ceiling attached to rafters	L/180
interior walls and partitions	H/180
floors and plastered ceilings	L/360
all other structural members	L/240
exterior walls with plaster or stucco finish	H/360
exterior walls - wind loads with brittle finishes	L/240
exterior walls - wind loads with flexible finishes	L/120



ALL THREAD @ PORCH BEAM

NTS

NOTE:
A SOLID MEMBER OF EQUAL OR GREATER SIZE THAN MULTIPLE MEMBERS MAY BE USED.
IF RATED SHEATHING IS APPLIED TO NARROW EDGES, NAILED TO EACH STUD AT 12" O.C. MAXIMUM, THE LAMINATION NAILING SHOWN HERE IS NOT REQUIRED.



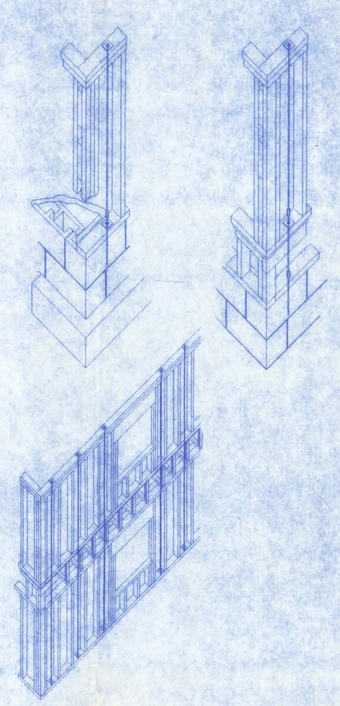
END (TOP OR BOTTOM)

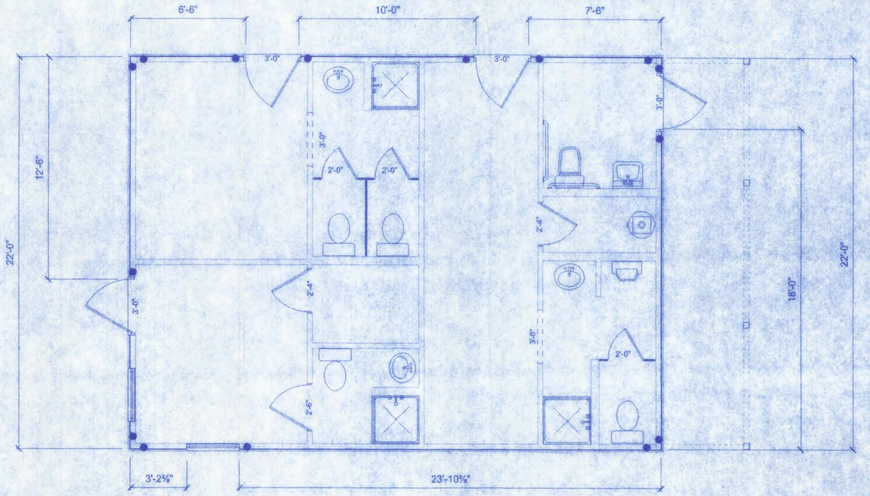
GIRDER COLUMN DETAIL

SCALE: 1/2" = 1'-0"

NOTE:
ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2004 EDITION w/2006 REVISIONS, AND IN ACCORDANCE WITH ASCE-7

BASIC WIND SPEED		110 MPH
IMPORTANCE FACTOR		1.0
BUILDING CATEGORY		2
EXPOSURE		B
INTERNAL PRESSURE COEFFICIENT		+/- 0.18
COMPONENT AND CLADDING PRESSURE	WALLS	+21.8/-29.1 PSF
	ROOF	+12.5/-29.1 PSF
	OVERHANGS	-71.6 PSF
TYPE OF STRUCTURE		ENCLOSED
ROOF DEAD LOAD		10 psf
ROOF LIVE LOAD		20 psf
FLOOR DEAD LOAD		20 psf
FLOOR LIVE LOAD		40 psf





● ALL THREAD ROD LOCATION

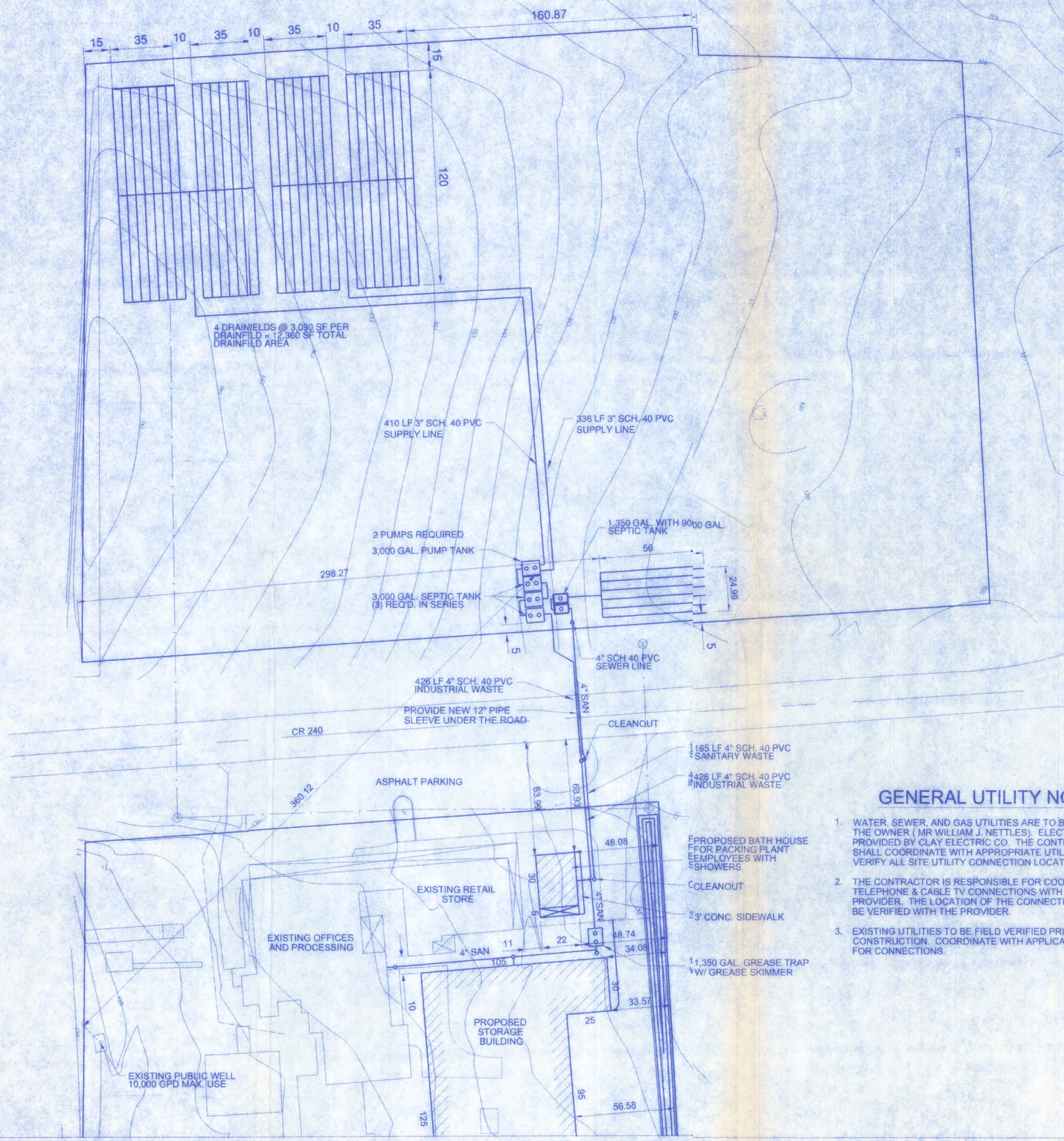
SHEARWALL LAYOUT

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

NETTLES SAUSAGE INC.
OFFICE & LOCKER BUILDING

Freeman Design Group Inc
128 SW NASSAU STREET
LAKE CITY, FL. 32025
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00008701

DATE 12/11/08
DRAWN BY J.T.D.
APPROVED W.H.F.
REVISIONS
SHEET S-1
OF 1
PROJECT NO. 08.C021



GENERAL UTILITY NOTES

1. WATER, SEWER, AND GAS UTILITIES ARE TO BE PROVIDED BY THE THE OWNER (MR WILLIAM J. NETTLES). ELECTRICAL TO BE PROVIDED BY CLAY ELECTRIC CO. THE CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY COMPANIES TO VERIFY ALL SITE UTILITY CONNECTION LOCATIONS, INVERTS, DETAILS ETC.
2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE SITE TELEPHONE & CABLE TV CONNECTIONS WITH THE APPLICABLE UTILITY PROVIDER. THE LOCATION OF THE CONNECTION TO THE BUILDING SHALL BE VERIFIED WITH THE PROVIDER.
3. EXISTING UTILITIES TO BE FIELD VERIFIED PRIOR TO BEGINNING CONSTRUCTION. COORDINATE WITH APPLICABLE UTILITY COMPANIES FOR CONNECTIONS.

ESTIMATED SEWAGE FLOW	
OFFICE	15 GAL. PER 100 SF 2,000 SF/100*15 = 300 GPD
EMPLOYEES PER 8 HOUR SHIFT	25 GAL. PER EMPLOYEE 15 EMP. * 25 = 375 GPD
STORES PER BATHROOM	200 GPD
TOTAL	900 GPD

MIN. DRAINFIELD AREA = 900 GPD/0.9 = 1,000 SQ.FT.
USE 6 RUNS @ 56 LF. FOR DRAINFIELD

NOTE:
PROVIDE CLEANOUTS AT EACH TURN AND MAX. SPACING OF 100' ALONG SANITARY SEWER.

NETTLES SAUSAGE

Freeman Design Group inc
161 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386) 758-4209
CERTIFICATE OF AUTHORIZATION # 0000701

DATE	DRAWN BY
12/1/08	W.H.F.

REVISIONS

SHEET SP-1
OF 1

PROJECT NO.
08.C021