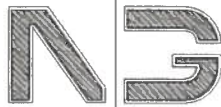


CK# 3212

09/07/2007 16:25 386752282

26534



**NICHOLAS
PAUL
GEISLER**
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Rd
Lake City, FL 32055
386/755-9021

RTJ.
SETH
HEILMAN

04 JANUARY 2008

RANDY JONES, BUILDING OFFICIAL
COLUMBIA COUNTY, BUILDING DEPT.
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: HORTON RESIDENCE - ALTERATIONS AND ADDITIONS
PERMIT Nr.: _____

DEAR SIR:

PLEASE BE ADVISED THAT AS "ARCHITECT OF RECORD" I HAVE INSPECTED THE ABOVE REFERENCED PROJECT ON 02 JANUARY 2008 (REFER TO ATTACHED COPY OF FIELD REPORT). THE PURPOSE OF THE INSPECTION WAS TO DETERMINE IF THE PROJECT IS IN COMPLIANCE WITH THE 2004 FBC SECTION 1609 IN IT'S CURRENT STATE OF COMPLETION. FOLLOWING ARE MY RECOMMENDATIONS FOR MODIFICATIONS TO CORRECT A SHORT LIST OF DEFICIENCIES DISCOVERED DURING THE INSPECTION.

1. DOCUMENTATION AS REQUESTED IN THE FIELD REPORT HAS BEEN PROVIDED BY THE CONTRACTOR.
2. PROVIDE DIRECT ANCHORAGE OF TRUSS COMPONENTS TO WALL FRAMING USING "SIMPSON" H2.5a ANCHOR CLIPS, EA. TRUSS, EA. END.
3. PROVIDE ANCHORAGE OF DBL. TOP PLATE TO WALL STUDS USING "SIMPSON" ST9 STRAPS OR SIMILAR.
4. PROVIDE ANCHORAGE OF CONVENTIONAL FRAMING OVER EXISTING ROOF WITH "SIMPSON" ST STRAPS OF SUITABLE LENGTH, PROVIDING A MINIMUM OF 3 - 16d NAILS IN EACH MEMBER.
5. PROVIDE A "SIMPSON" TS STRAP OR EQUAL BETWEEN THE NEW DBL. 16" LVL GIRDER AND THE WALL FRAMING AT THE POINT OF BEARING ON THE EXISTING EXTERIOR WALL.
6. NAILING OF THE SHEATHING WAS FOUND TO BE SATISFACTORY (6d @ 6"/12") FOR BOTH THE WALL AREAS AND THE ROOF AREAS.

WITH THE ABOVE LISTED CORRECTIONS, THE COMPLETED PORTION OF THE PROJECT WILL BE IN COMPLIANCE WITH THE 2004 FBC SECTION 1609.

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

ATTACHMENTS: TRUSS ENGINEERING, EXISTING CONSTRUCTION PLANS (PARTIAL)

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: ITBM8228Z0115104402

Truss Fabricator: Anderson Truss Company
Job Identification: 7-259--Seth Heitzman Horton Addition -- Cannon Creek Airpark , **
Truss Count: 1
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.36.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Details: -

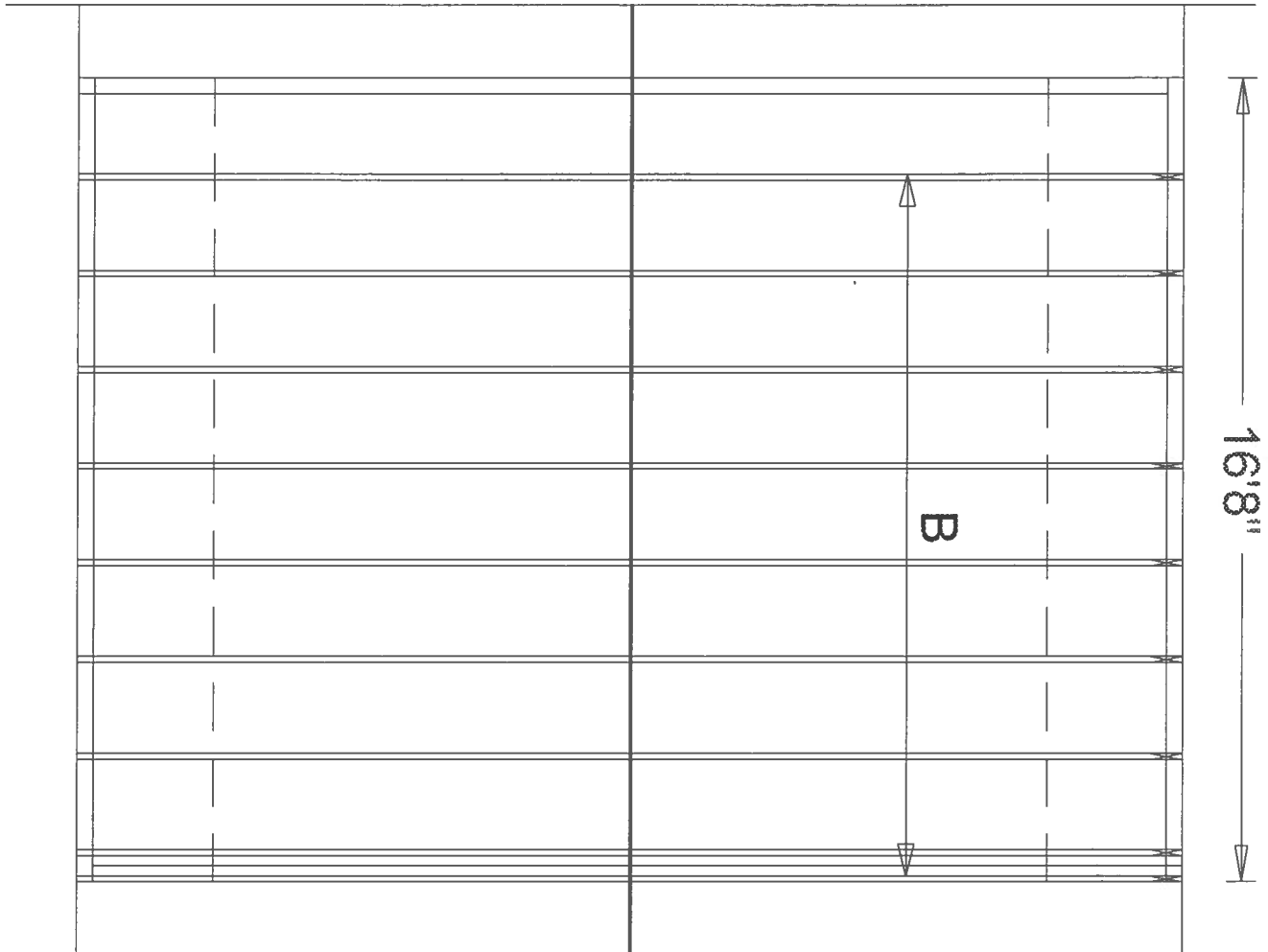
#	Ref	Description	Drawing#	Date
1	68379--B		07288006	10/15/07



Seal Date: 10/15/2007

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844





SETH HEITZMAN / HORTON

JOB DESCRIPTION:: Seth Heitzman
/ : Horton Addition

JOB NO:

7-259

PAGE NO:

1 OF 1

(7-259--Seth Heitzman Horton Addition -- Cannon Creek Airpark, ** - B)

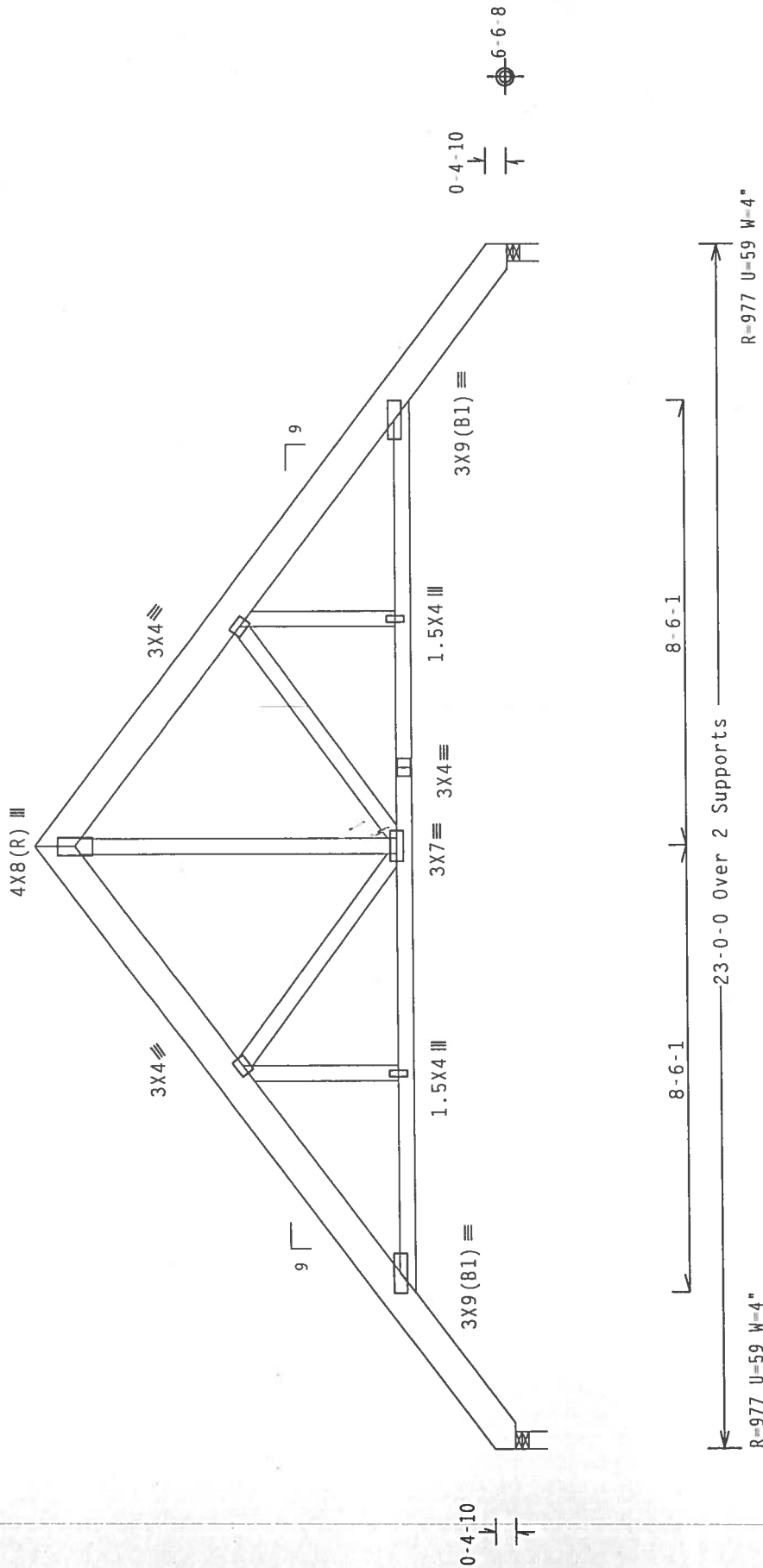
Top chord 2x8 SP #1 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg. Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.18

Calculated horizontal deflection is 0.30" due to live load and
0.50" due to dead load.

Wind reactions based on MMFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.

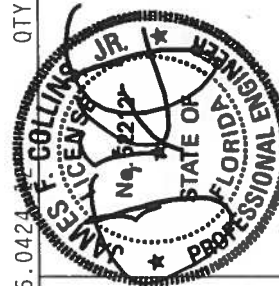


Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale = .3125"/Ft.

PLT TYP. Wave

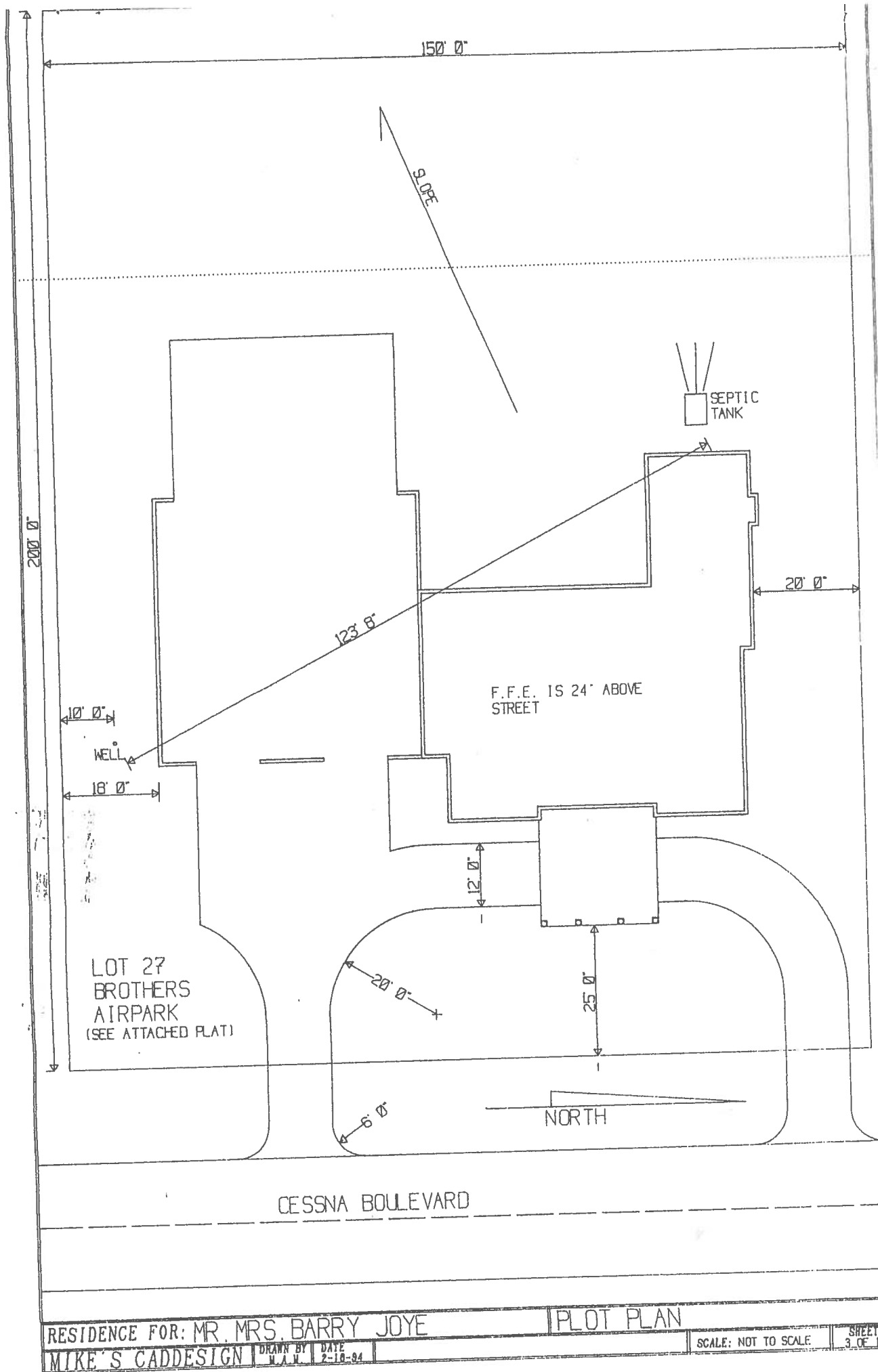
WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE CONCRETE RESEARCH AND DEVELOPMENT BOARD, NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND TO THE BUILDING CODES OF THE JURISDICTION. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

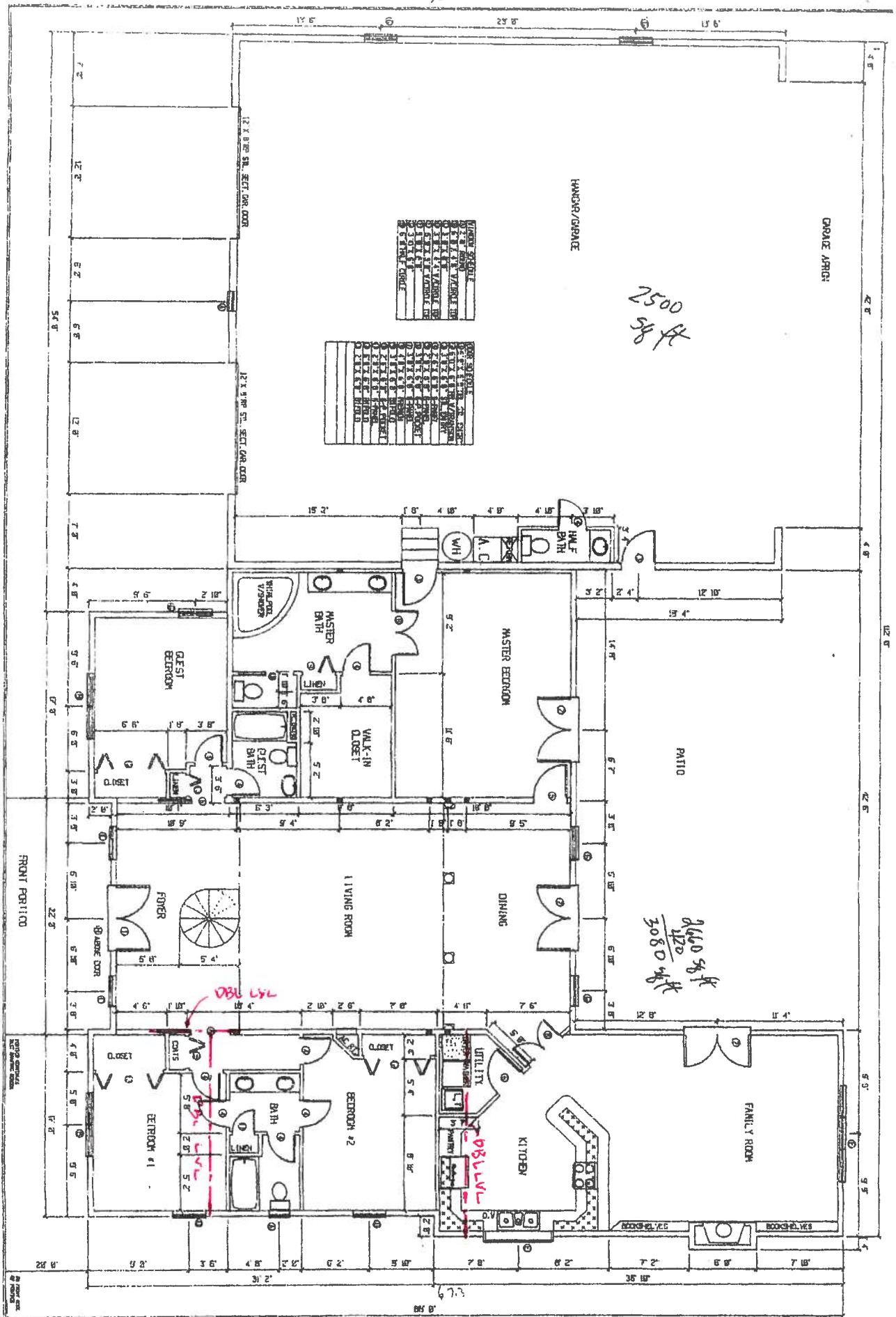
IMPORTANT** UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/55/K) ASTM A653 GRADE 40/60 (IN. K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10GA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI 1002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE USER.

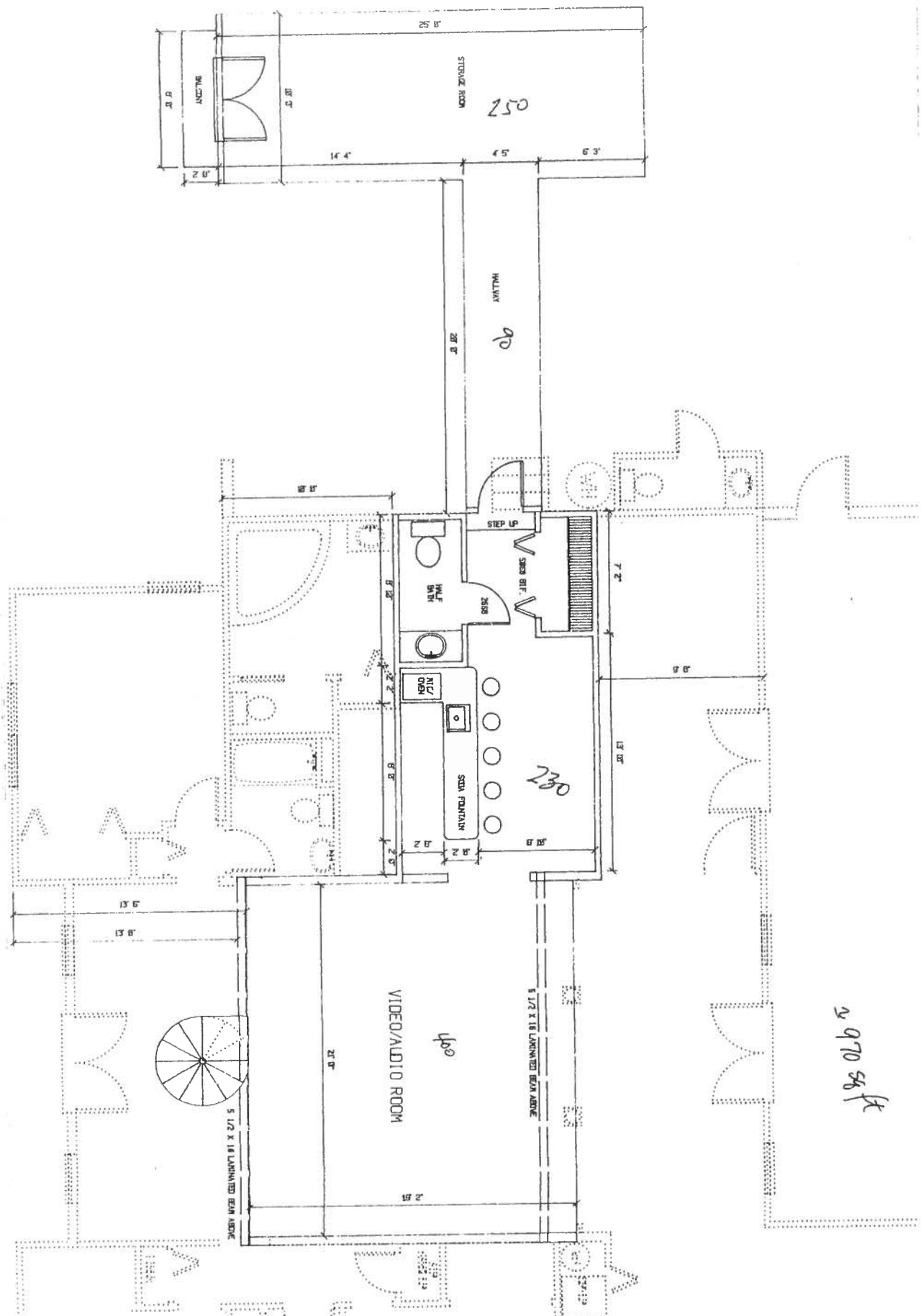


TC LL	20.0 PSF	REF	R8228- 68379
TC DL	10.0 PSF	DATE	10/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07288006
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	23446
DUR.FAC.	1.25		

ITW Building Components Group, Inc.



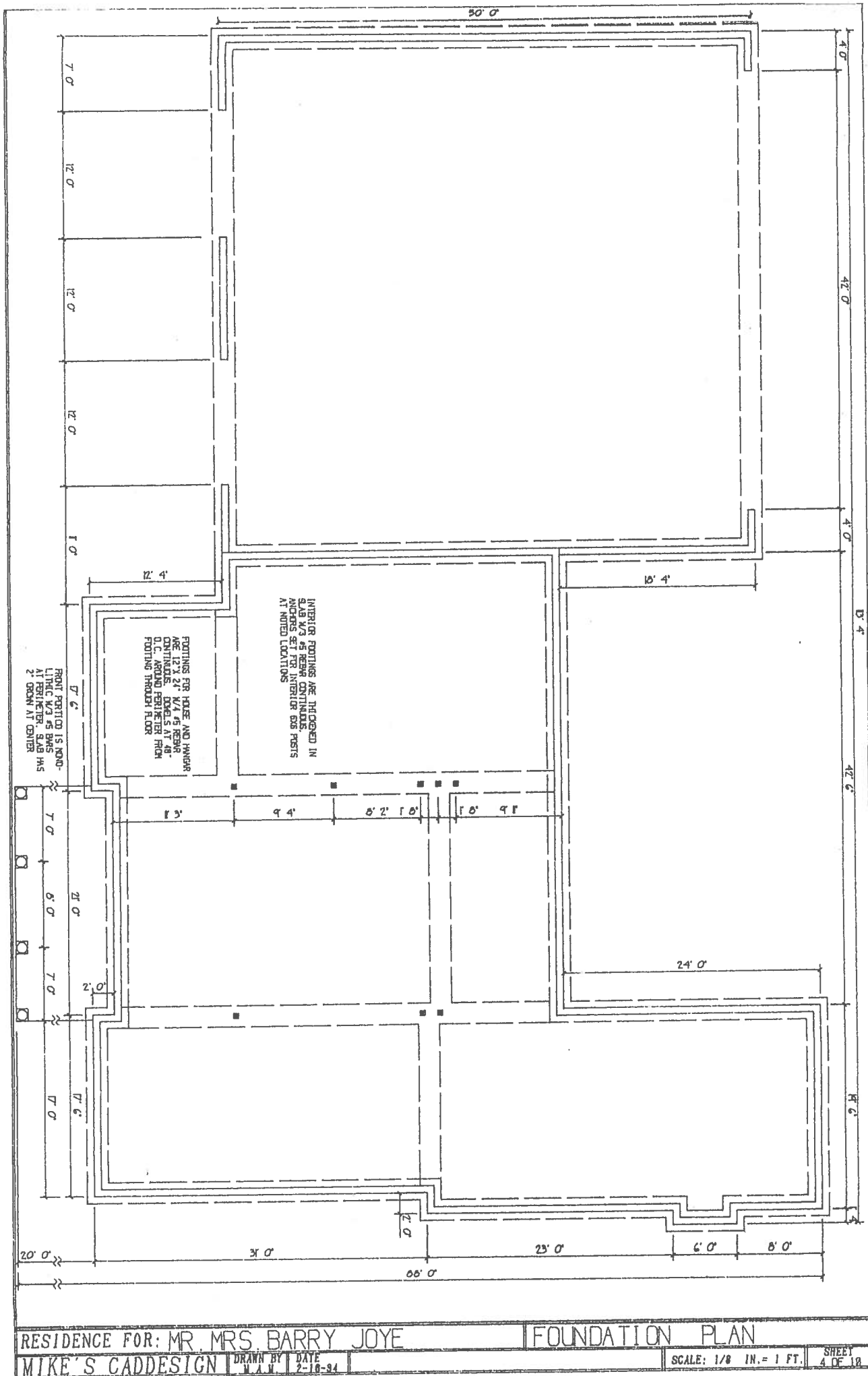


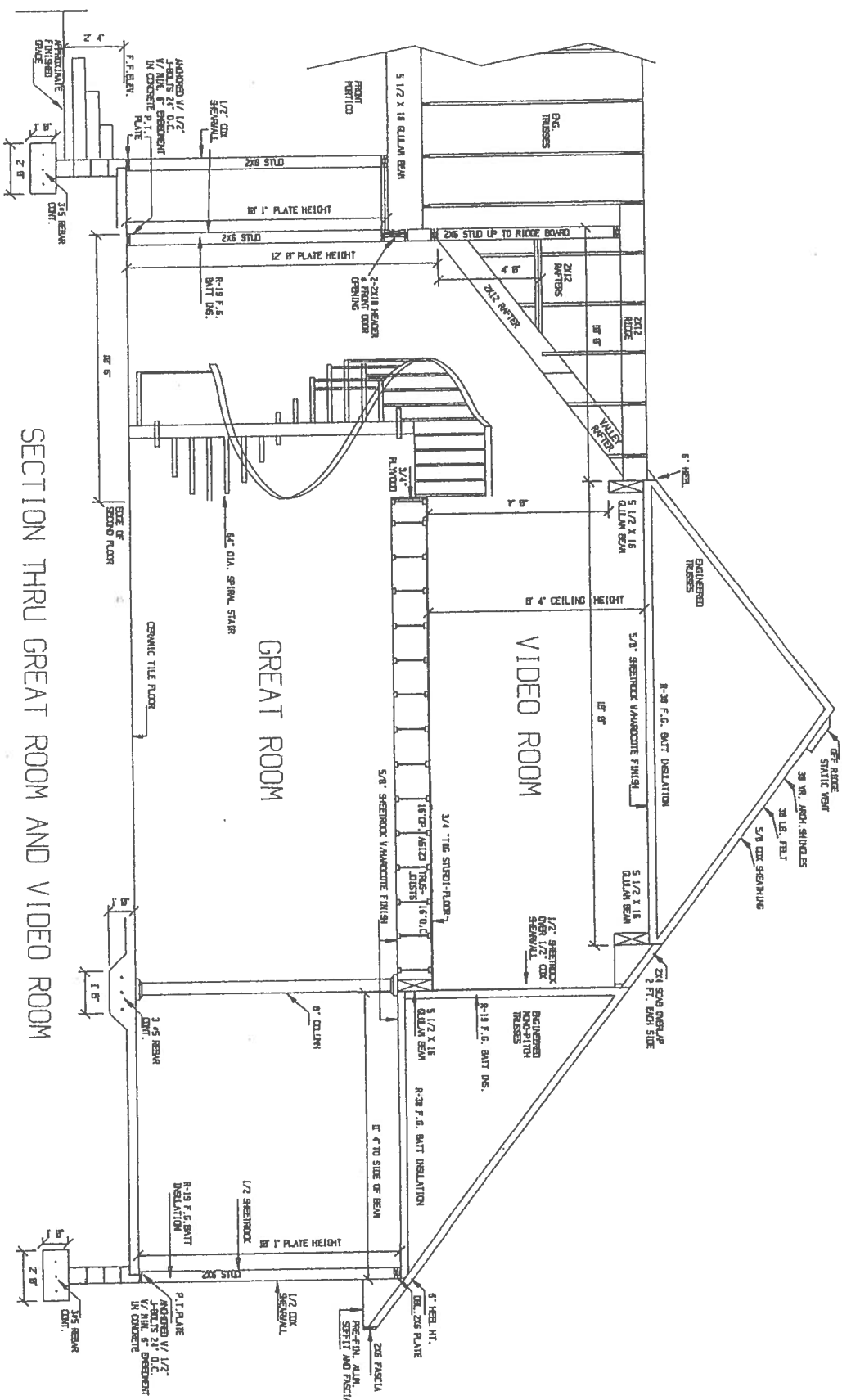


RESIDENCE FOR: MR. MRS. BARRY JOYE
 MIKE'S CADDESIGN DRAWN BY DATE
 M.A.M. 2-16-94

SECOND FLOOR PLAN

SCALE: 3/16 IN. = 1 FT. SHEET 5 OF 18

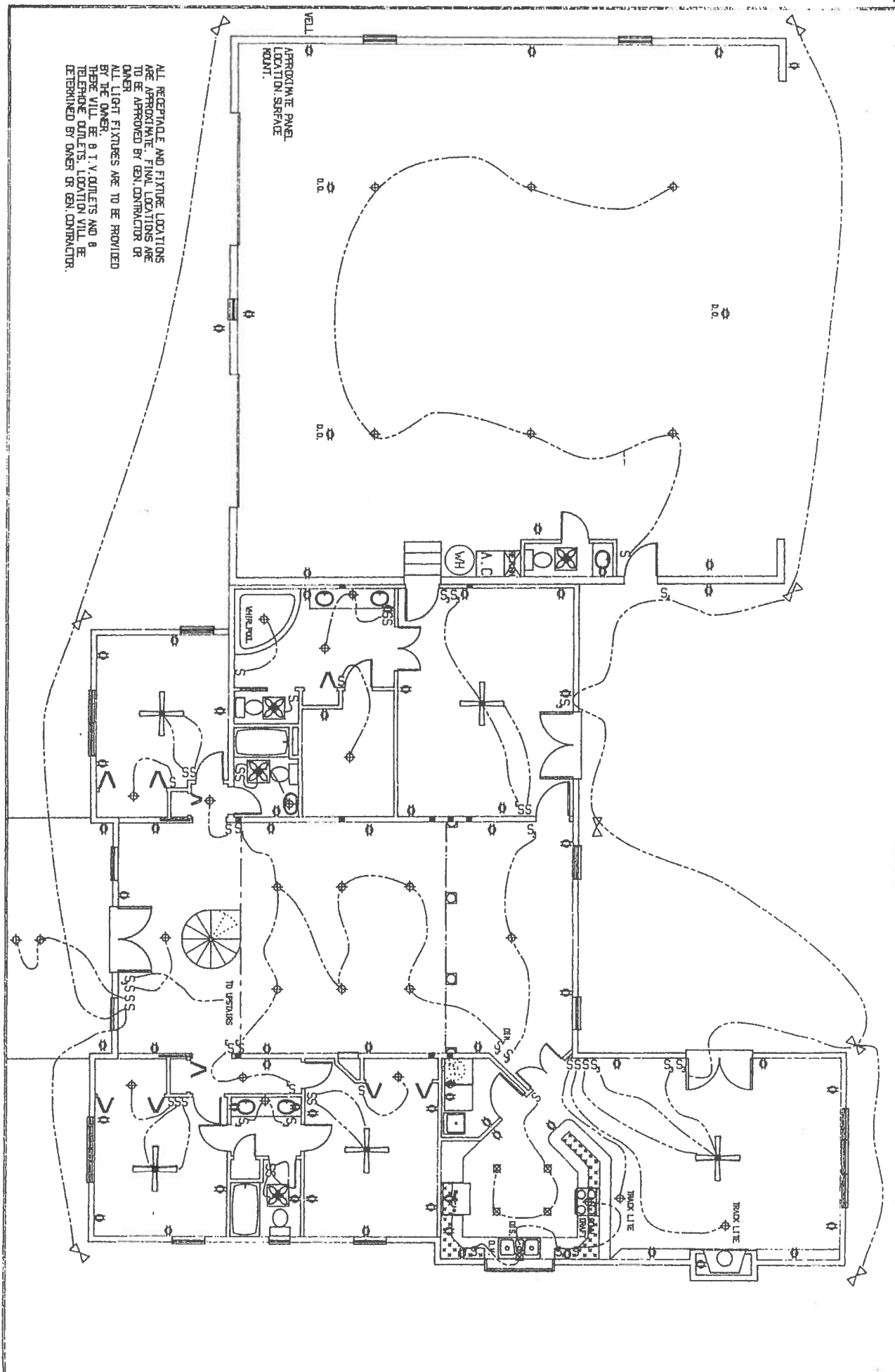


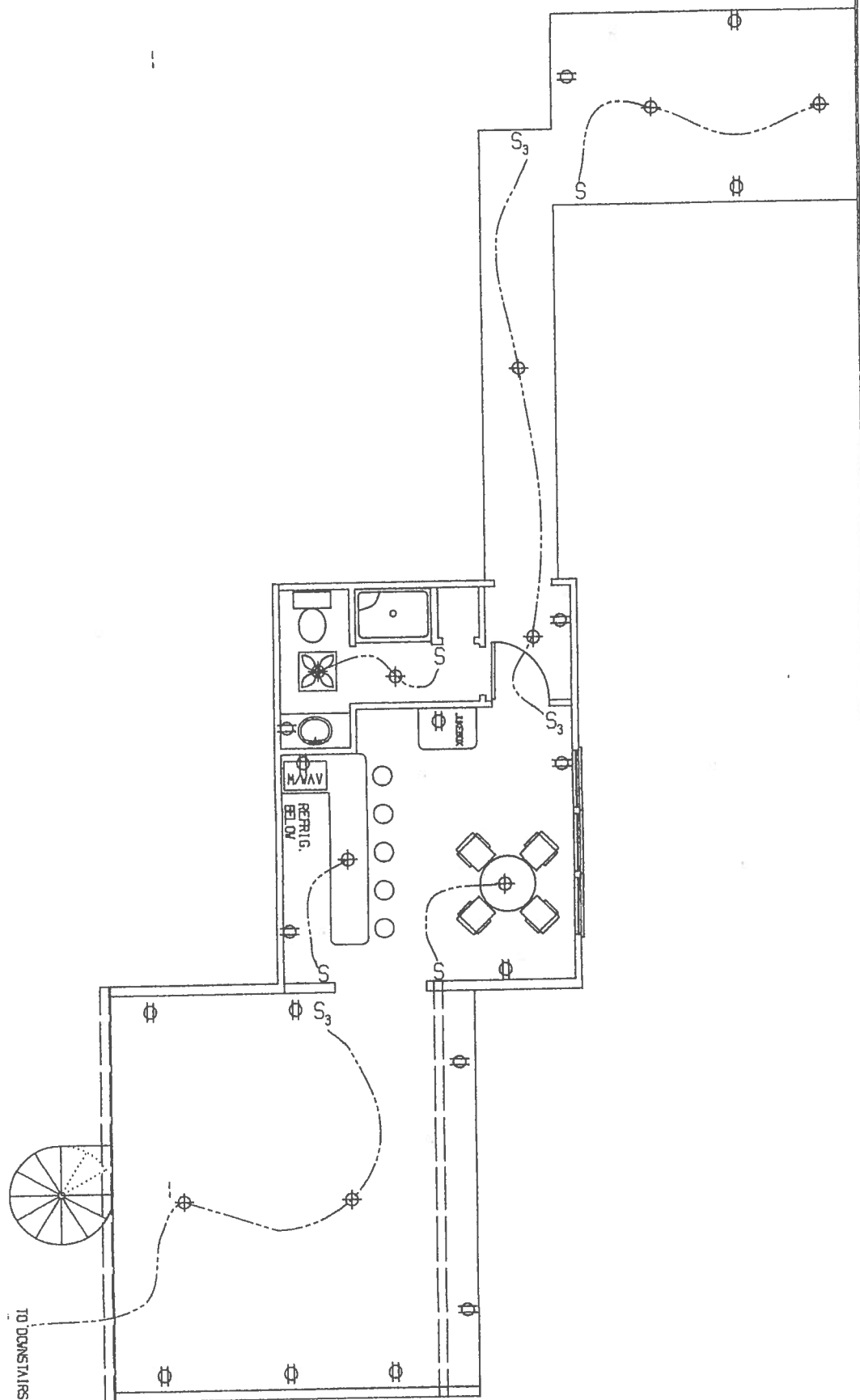


SECTION THRU GREAT ROOM AND VIDEO ROOM

SECTION AT SODA FOUNTAIN FACING HANGAR

ALL RECEPTACLE AND FIXTURE LOCATIONS
ARE APPROXIMATE. FINAL LOCATIONS ARE
TO BE APPROVED BY GEN. CONTRACTOR OR
OWNER.
ALL LIGHT FIXTURES ARE TO BE PROVIDED
BY THE OWNER.
THERE WILL BE 8 T.V. OUTLETS AND 8
TELEPHONE OUTLETS. LOCATION WILL BE
DETERMINED BY OWNER OR GEN. CONTRACTOR.





RESIDENCE FOR: MR. MRS. BARRY JOYE

SECOND FLOOR ELECTRICAL

MIKE'S CADDESIGN DRAWN BY DATE 9-18-94

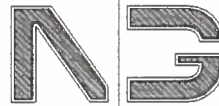
SCALE: 3/16 IN. = 1 FT.

SHEET 12 OF 12

< < < CONSTRUCTION REPORT > > >

PROJECT: Horton Addition
PROJECT Nr.: 070808
DATE / TIME: 02 Jan 2K8 / 5⁰⁰

PRESENT: Seth Heitzman
Wm Myers
Nicholas Geisler



NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

WEATHER CONDITIONS: Clear, Cold

TEMP: 38°

RAIN DELAY? Y ☐ N ☒

WORK IN PROGRESS:

1. Complete "Dry-In" w/ exposed framing on interior work presently stopped for inspection.
2. Modification of existing trusses completed as directed by Andersen Truss Co using plywood gussets

PROBLEMS WITH WORK:

1. Construction proceeded prior to securing Building Permit and progressed to the point to which it is presently completed. Permit issued w/ inspection called for - project stopped until certified that it meets code requirements.

INSTRUCTIONS GIVEN:

TO WHOM ? : Seth Heitzman

1. Provide copies of truss engineering and any other documentation available regarding the existing construction.
2. Recommendations will be based upon documentation provided - A letter outlining any required corrections or additions will be provided within 48 hrs.

SIGNED: 

RECEIVED: _____

AR 7005

070946

Inst:200712021894 Date:9/26/2007 Time:4:36 PM
bid DC,P.DeWitt Cason,Columbia County Page 1 of 1

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number 12-45-16-02935-029 County Clerk's Office Stamp or Seal

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): Lot 27 Brothers Welcome Airpark
a) Street (Job) Address: 274 SW Cessna Ct Lake City FL 32025
2. General description of improvements: addition to single family dwelling
3. Owner Information
a) Name and address: Tamara Horton 274 SW Cessna Ct Lake City FL 32025
b) Name and address of fee simple titleholder (if other than owner) NA
c) Interest in property addition to home site
4. Contractor Information
a) Name and address: Seth Heitzman POB 1046 Lake City FL 32035
b) Telephone No.: 236-867-1395 Fax No. (Opt.) _____
5. Surety Information
a) Name and address: NA
b) Amount of Bond: NA
c) Telephone No.: _____ Fax No. (Opt.) _____
6. Lender
a) Name and address: NA
b) Phone No.: _____
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
a) Name and address: NA
b) Telephone No.: _____ Fax No. (Opt.) _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
a) Name and address: NA
b) Telephone No.: _____ Fax No. (Opt.) _____
9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA



Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

10 X Tamara Horton
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager
Tamara Horton
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 19 day of September, 2007, by:
Linda Roder as Notary (type of authority, e.g. officer, trustee, attorney
fact) for Tamara Horton (name of party on behalf of whom instrument was executed).

Personally Known _____ OR Produced Identification ✓ Type DL

Notice of Authorization

I Seth Hitzman, hereby authorize Linda Roder or Melanie Roder to be my

Representative and act on my behalf in all aspects for applying for a Building Permit

to be located in Columbia County.

X [Signature]
Contractor's Signature

9-7-07
Date:



Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

Sworn and Subscribed to me this 7 day of Sept, 2006
Personally known ✓
Produced Identification _____

[Signature]
Notary Public

Recording Fees: \$ _____
Documentary Stamps: + _____
Total: \$ _____

Prepared By And Return To:
TITLE OFFICES, LLC
1089 SW MAIN BLVD.,
LAKE CITY, FL. 32025
File #02Y-12100KW/KIM WATSON
Property Appraisers Parcel I.D. Number(s).
02935-029 & 030

Inst: _____ Date: 01/29/2003 Time: 16:16
Doc Stamp-Deed : 2730.00
_____ DC, P.D. Witt Cason, Columbia County B: 973 P: 660

WARRANTY DEED

THIS WARRANTY DEED made and executed the 28th day of January, 2003 by BARRY D. JOYE and LURONDA S. JOYE, HIS WIFE, hereinafter called the Grantor, to TAMARA HORTON, married woman, whose post office address is: 674 Ireland School Rd., Radcliff, Ky 40160 hereinafter called the Grantee:

(Wherever used herein the terms "Grantor" and "Grantee" shall include singular and plural, heirs, legal representatives, and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

WITNESSETH: That the Grantor, for and in consideration of the sum of TEN DOLLARS (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the Grantee all that certain land situate, lying and being in COLUMBIA County, State of Florida, viz:

Lots 27 and 28, Brothers Welcome Airpark, a subdivision according to plat thereof recorded in Plat Book 5, page 56, public records of Columbia County, Florida.

Subject to: Restriction(s) as recorded in Official Records Book 566, page 676 and re-recorded in Official Records Book 567, Page 300 and amended in O.R. Book 633, Page 157. Public Records of Columbia County, Florida..

Subject to: Easement granted to Clay Electric by instrument recorded in O.R. Book 570, Page 347.

Subject to: Terms, conditions, dues, maintenance fees of membership in Brothers Welcome Airpark.

Subject to: Special Warranty Deed in favor of Brothers Welcome Homeowners Association recorded in O.R. Book 567, Page 242.

Subject to: Easements recorded in O.R. Book 562, page 142, O.R. Book 562, page 145, O. R. Book 570, Page 347 and O.R. Book 649, page 432.

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining. **TO HAVE AND TO HOLD** the same in fee simple forever.

AND the Grantor hereby covenants with said Grantee that the Grantor is lawfully seized of said land in fee simple; that the Grantor has good right and lawful authority to sell and convey said land, and hereby warrants the title to said land and will defend the same against the lawful claims of all persons whatsoever; and that said land is free of all encumbrances, except easements, restrictions and reservations of record, if any, and taxes accruing subsequent to December 31, 2002.

IN WITNESS WHEREOF, the said Grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered
in the presence of:

Charles H. Kallb
Witness: CHARLES H. KALLB

Martha Bryan
Witness: MARTHA BRYAN

Witness: _____

Witness: _____

BARRY D. JOYE
Address: PO BOX 1667

LAKE CITY, FL 32058

LURONDA S. JOYE
Address: PO BOX 1667
LAKE CITY, FL 32058

STATE OF FLORIDA
COUNTY OF Columbia

I hereby certify that on this day, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared BARRY D. JOYE, who produced the identification described below, and who acknowledged before me that they executed the foregoing instrument.
Witness my hand and official seal in the county and state aforesaid this 28th day of January, 2003.

Martha Bryan
Notary Public:
Identification Examined: FL. Drivers license

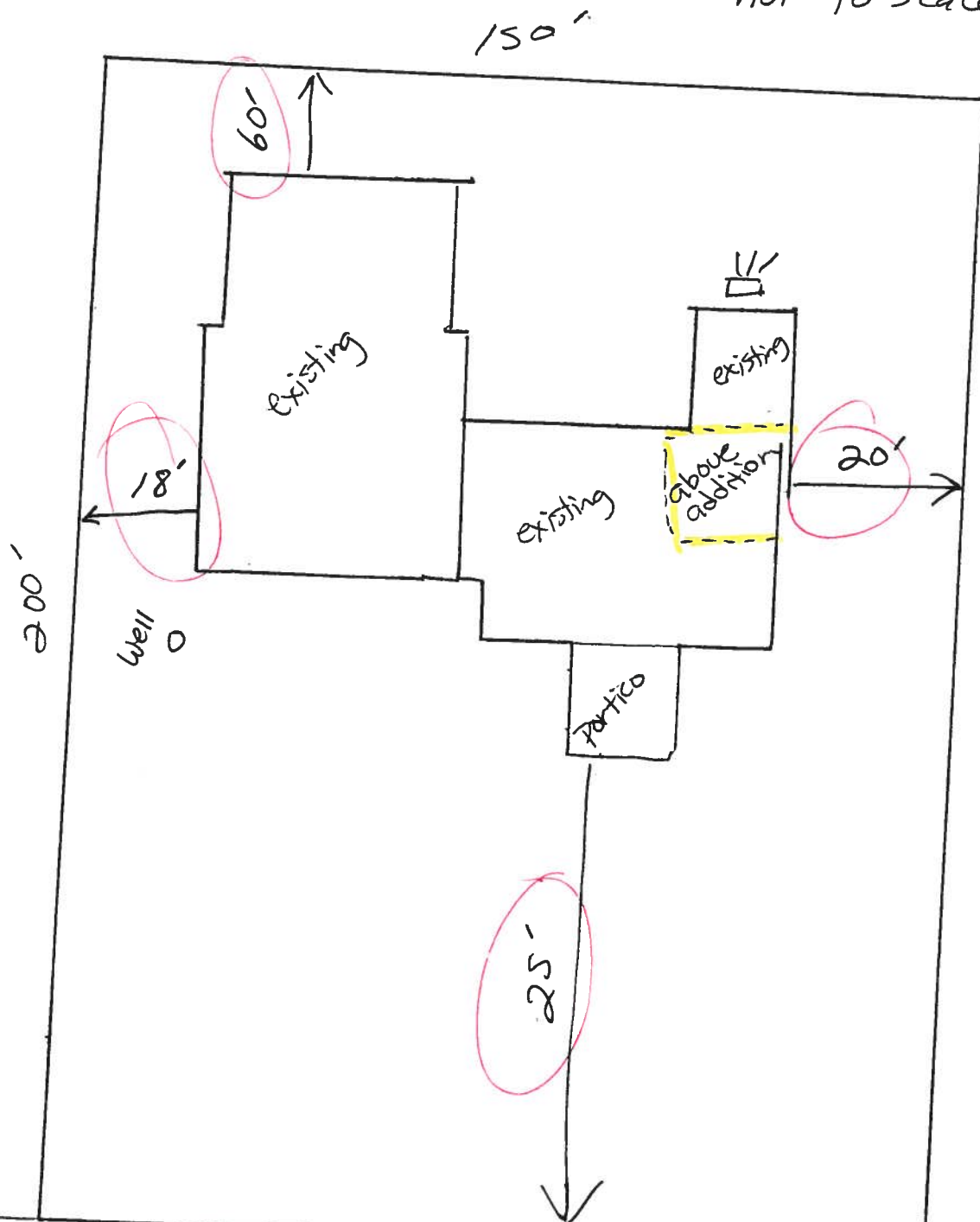
STATE OF FLORIDA
COUNTY OF Columbia

I hereby certify that on this day, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared LURONDA S. JOYE, who produced the identification described below, and who acknowledged before me that they executed the foregoing instrument.
Witness my hand and official seal in the county and state aforesaid this 28th day of January, 2003.

Martha Bryan
Notary Public:
Identification Examined: FL. Drivers license

Lot 27
Brothers Welcome Airpark
Tamara Horton

not to scale



Cessna Boulevard

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **Seth Heitzman - Hortons**
Address: **Lot: , Sub: Cannon Creek, Plat:**
City, State: **Lake City, FL 32024-**
Owner: **Horton Residence**
Climate Zone: **North**

Builder: **Seth Heitzman Const.**
Permitting Office: **Columbia County**
Permit Number:
Jurisdiction Number: **221000**

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 7.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 13.00
4. Number of Bedrooms	2	___	b. N/A	___
5. Is this a worst case?	No	___	c. N/A	___
6. Conditioned floor area (ft ²)	385 ft ²	___		___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems	
a. U-factor:	Description Area	___	a. Electric Heat Pump	Cap: 7.0 kBtu/hr
(or Single or Double DEFAULT) 7a. (Dble Default)	40.0 ft ²	___		HSPF: 7.70
b. SHGC:		___	b. N/A	___
(or Clear or Tint DEFAULT) 7b. (Clear)	40.0 ft ²	___	c. N/A	___
8. Floor types		___	14. Hot water systems	
a. Raised Wood, Adjacent	R=19.0, 385.0ft ²	___	a. Electric Resistance	Cap: 50.0 gallons
b. N/A	___	___		EF: 0.90
c. N/A	___	___	b. N/A	___
9. Wall types		___	c. Conservation credits	___
a. Frame, Wood, Exterior	R=13.0, 472.0 ft ²	___	(HR-Heat recovery, Solar	___
b. N/A	___	___	DHP-Dedicated heat pump)	___
c. N/A	___	___	15. HVAC credits	PT, ___
d. N/A	___	___	(CF-Ceiling fan, CV-Cross ventilation,	___
e. N/A	___	___	HF-Whole house fan,	___
10. Ceiling types		___	PT-Programmable Thermostat,	___
a. Under Attic	R=30.0, 385.0 ft ²	___	MZ-C-Multizone cooling,	___
b. N/A	___	___	MZ-H-Multizone heating)	___
c. N/A	___	___		___
11. Ducts(Leak Free)		___		___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 7.0 ft	___		___
b. N/A	___	___		___

Glass/Floor Area: 0.10

Total as-built points: 8578

Total base points: 9202

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: *[Signature]*
DATE: 8-24-07

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: *[Signature]*
DATE: 9-11-07

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.



BUILDING OFFICIAL: _____
DATE: _____

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCPB v4.5.2)

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cannon Creek, Plat: , Lake City, FL, 32024-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	385.0	18.59	1288.0	1.Double, Clear	N	1.5	8.0	40.0	19.20	0.97	742.0
				As-Built Total:				40.0	742.0		
WALL TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior	13.0		472.0		1.50		708.0
Exterior	472.0	1.70	802.4								
Base Total:				As-Built Total:				472.0	708.0		
DOOR TYPES											
Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0								
Exterior	0.0	0.00	0.0								
Base Total:				As-Built Total:				0.0	0.0		
CEILING TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	385.0	1.73	666.0	1. Under Attic	30.0		385.0		1.73 X 1.00		666.0
Base Total:				As-Built Total:				385.0	666.0		
FLOOR TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	0.0(p)	0.0	0.0	1. Raised Wood, Adjacent	19.0		385.0		0.40		154.0
Raised	385.0	-3.99	-1536.2								
Base Total:				As-Built Total:				385.0	154.0		
INFILTRATION											
Area X BSPM = Points				Area X SPM = Points							
385.0 10.21 3930.9				385.0 10.21 3930.9							
Summer Base Points: 5151.2				Summer As-Built Points: 6200.9							
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)							
5151.2 0.3250 1674.1				(sys 1: Central Unit 7000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 6201 1.00 (1.09 x 1.000 x 0.91) 0.260 0.950 1519.2 6200.9 1.00 0.992 0.260 0.950 1519.2							

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: , Sub: Cannon Creek, Plat: , Lake City, FL, 32024-

PERMIT #:

BASE				AS-BUILT								
GLASS TYPES												
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points				
.18	385.0	20.17	1398.0	1.Double, Clear	N	1.5	8.0	40.0	24.58	1.00	983.0	
				As-Built Total:		40.0			983.0			
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points				
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior	13.0			472.0	3.40	1604.8		
Exterior	472.0	3.70	1746.4									
Base Total:				As-Built Total:		472.0			1604.8			
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points				
Adjacent	0.0	0.00	0.0									
Exterior	0.0	0.00	0.0									
Base Total:				As-Built Total:		0.0			0.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points				
Under Attic	385.0	2.05	789.3	1. Under Attic	30.0			385.0	2.05 X 1.00	789.3		
Base Total:				As-Built Total:		385.0			789.3			
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points				
Slab	0.0(p)	0.0	0.0	1. Raised Wood, Adjacent	19.0			385.0	2.20	847.0		
Raised	385.0	0.96	369.6									
Base Total:				As-Built Total:		385.0			847.0			
INFILTRATION Area X BWPM = Points							Area X WPM = Points					
385.0 -0.59 -227.1							385.0 -0.59			-227.1		
Winter Base Points: 4076.1				Winter As-Built Points: 3996.9								
Total Winter Points	X	System Multiplier	= Heating Points	Total Component (System - Points)	X	Cap Ratio (DM x DSM x AHU)	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier = Heating Points
4076.1		0.5540	2258.2	(sys 1: Electric Heat Pump 7000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Int(AH),R6.0								
				3996.9	1.000	(1.069 x 1.000 x 0.93)	0.443	0.950			1671.7	
				3996.9	1.00	0.994	0.443	0.950			1671.7	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cannon Creek, Plat: , Lake City, FL, 32024-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	Multiplier X Credit Multiplier	= Total
2		2635.00	5270.0	50.0	0.90	2	1.00	2693.56	5387.1
				As-Built Total:					5387.1

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
1674		2258	5270 9202	1519		1672	5387 8578

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cannon Creek, Plat: , Lake City, FL, 32024-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.7

The higher the score, the more efficient the home.

Horton Residence, Lot: , Sub: Cannon Creek, Plat: , Lake City, FL, 32024-

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 7.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 13.00
4. Number of Bedrooms	2	___	b. N/A	___
5. Is this a worst case?	No	___	c. N/A	___
6. Conditioned floor area (ft ²)	385 ft ²	___		___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems	
a. U-factor:	Description Area		a. Electric Heat Pump	Cap: 7.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 40.0 ft ²	___		HSPF: 7.70
b. SHGC:		___	b. N/A	___
(or Clear or Tint DEFAULT)	7b. (Clear) 40.0 ft ²	___	c. N/A	___
8. Floor types		___	14. Hot water systems	
a. Raised Wood, Adjacent	R=19.0, 385.0ft ²	___	a. Electric Resistance	Cap: 50.0 gallons
b. N/A	___	___		EF: 0.90
c. N/A	___	___	b. N/A	___
9. Wall types		___	c. Conservation credits	___
a. Frame, Wood, Exterior	R=13.0, 472.0 ft ²	___	(HR-Heat recovery, Solar	___
b. N/A	___	___	DHP-Dedicated heat pump)	___
c. N/A	___	___	15. HVAC credits	PT, ___
d. N/A	___	___	(CF-Ceiling fan, CV-Cross ventilation,	___
e. N/A	___	___	HF-Whole house fan,	___
10. Ceiling types		___	PT-Programmable Thermostat,	___
a. Under Attic	R=30.0, 385.0 ft ²	___	MZ-C-Multizone cooling,	___
b. N/A	___	___	MZ-H-Multizone heating)	___
c. N/A	___	___		___
11. Ducts(Leak Free)		___		___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 7.0 ft	___		___
b. N/A	___	___		___

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCPB v4.5.2)

Energy Code Compliance

Duct System Performance Report

Project Name: Seth Heitzman - Hortons Address: City, State: Lake City, FL 32024- Owner: Horton Residence Climate Zone: North	Builder: Seth Heitzman Const. Permitting Office: Columbia County Permit Number: Jurisdiction Number:
--	---

Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values			
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	_____ cfm25(tot)	_____ cfm25(out)
2	System2	_____ cfm25(tot)	_____ cfm25(out)
3	System3	_____ cfm25(tot)	_____ cfm25(out)
4	System4	_____ cfm25(tot)	_____ cfm25(out)
5	Total House Duct System Leakage	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,tot}) <input type="checkbox"/> Receive credit if Q _{n,tot} ≤ 0.03	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,out}) <input type="checkbox"/> Receive credit if Q _{n,out} ≤ 0.03 AND Q _{n,tot} ≤ 0.09

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: _____
Printed Name: _____
Florida Rater Certification #: _____
DATE: _____

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at:
<http://energygauge.com/search.htm>

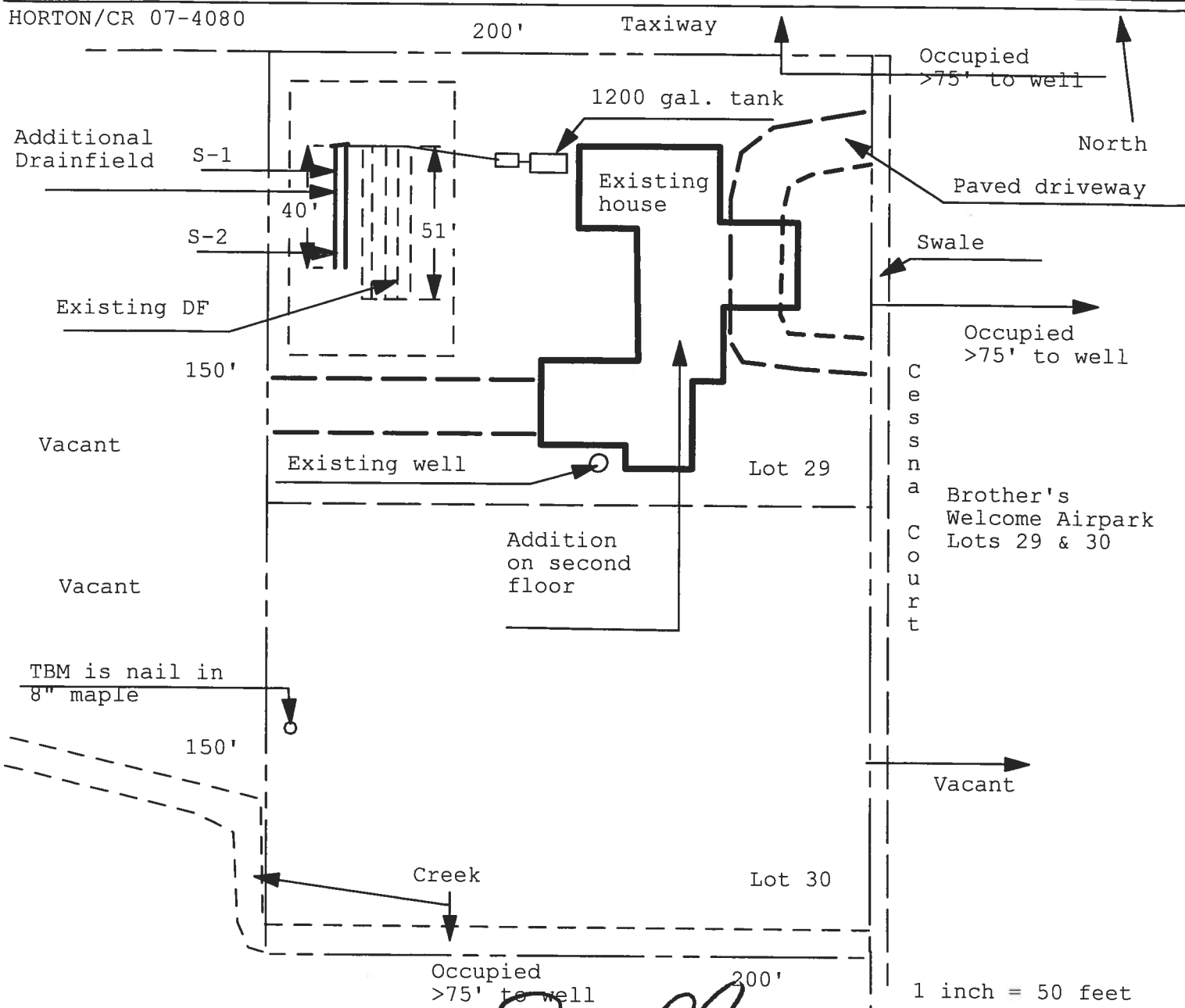


BUILDING OFFICIAL: _____
DATE: _____

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 07-0257M

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul L. Lyle Date 12/7/07
Plan Approved ✓ Not Approved _____ Date 12-14-07

By Mr. J. L. Columbia CPHU

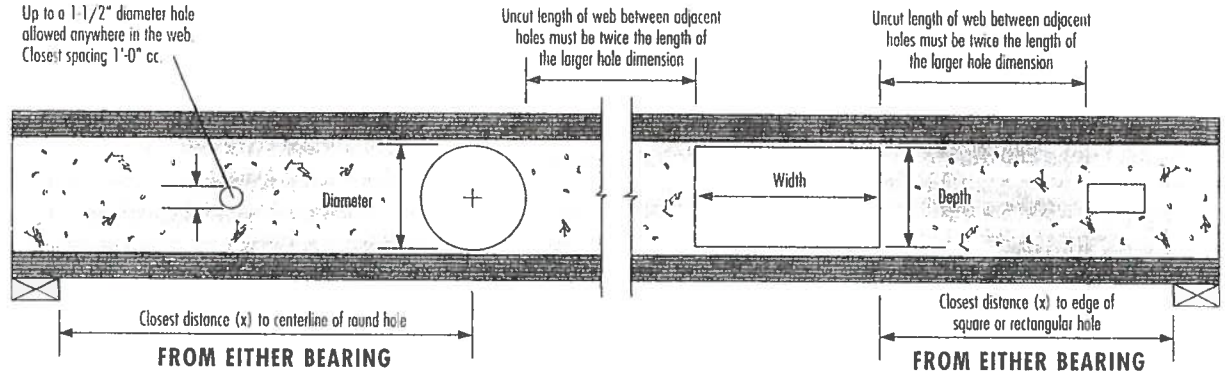
Notes: _____

JM
HARDEN
JOB

0709-46

WARNING: DO NOT CUT OR NOTCH FLANGES

Up to a 1-1/2" diameter hole allowed anywhere in the web.
Closest spacing 1'-0" cc.



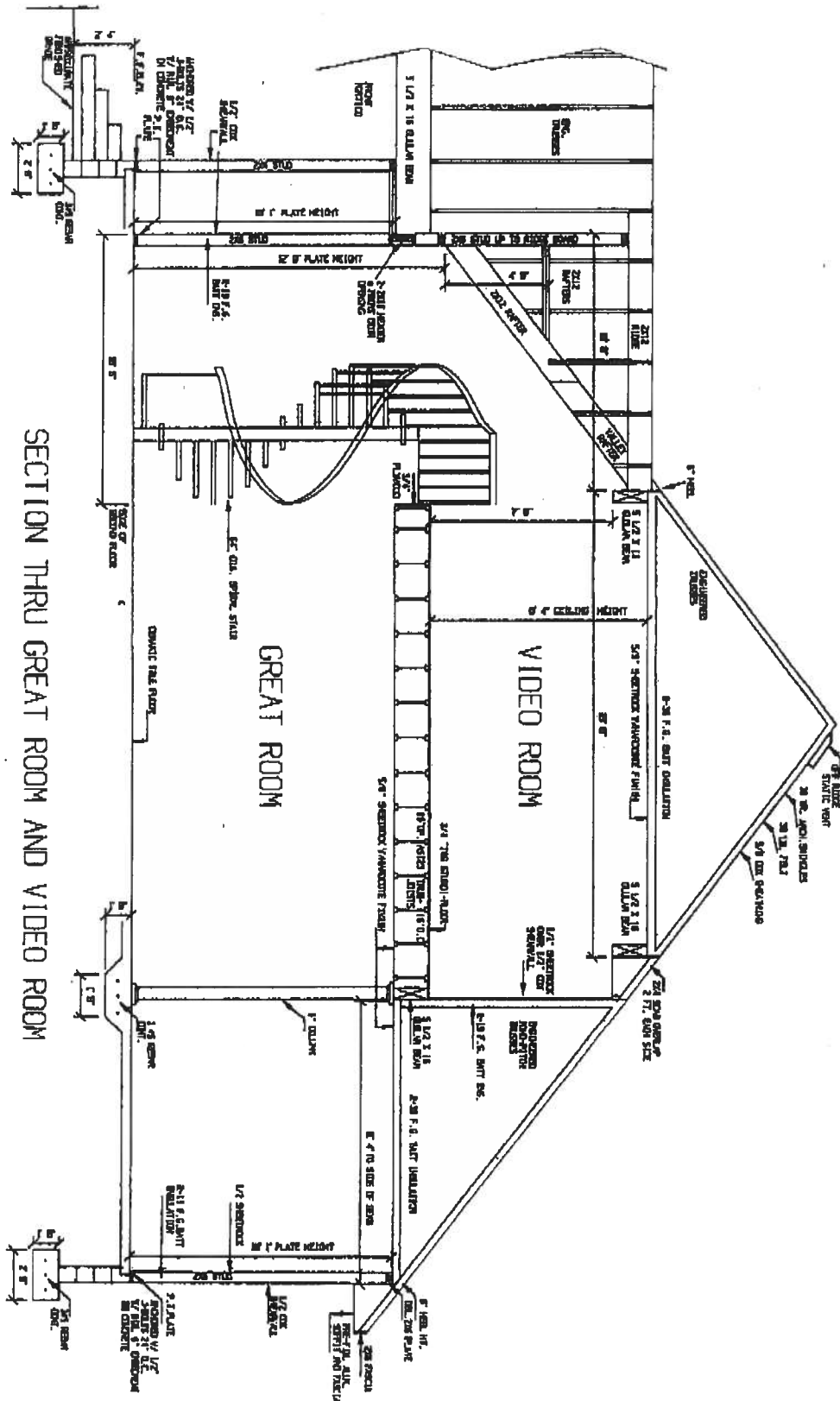
DEPTH	SERIES	ROUND HOLES - DIAMETER											
		2"	3"	4"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"
9-1/2"	LPI 20X ¹	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	-	-	-	-	-	-	-
	LPI 32	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	-	-	-	-	-	-	-
11-7/8"	LPI 20X ¹	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	5'-0"	5'-0"	6'-0"	-	-	-	-
	LPI 32	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	5'-0"	5'-0"	6'-0"	-	-	-	-
14"	LPI 20X ¹	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	5'-0"	5'-6"	6'-6"	7'-0"	8'-0"	-	-
	LPI 32	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	5'-0"	5'-6"	6'-6"	7'-0"	8'-0"	-	-
16"	LPI 20X ¹	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	5'-0"	5'-6"	6'-6"	7'-0"	8'-0"	-	-
	LPI 32	2'-0"	3'-0"	4'-0"	5'-0"	5'-0"	6'-0"	6'-0"	7'-0"	8'-0"	8'-0"	8'-0"	9'-0"

DEPTH	SERIES	RECTANGULAR HOLES - LARGEST HOLE DIMENSION (WIDTH OR DEPTH)											
		2"	3"	4"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"
9-1/2"	LPI 20X ¹	3'-1"	3'-7"	3'-10"	4'-3"	4'-7"	-	-	-	-	-	-	-
	LPI 32	1'-0"	2'-0"	2'-10"	3'-10"	4'-10"	-	-	-	-	-	-	-
11-7/8"	LPI 20X ¹	2'-4"	2'-11"	3'-7"	4'-3"	4'-7"	5'-0"	5'-9"	6'-3"	-	-	-	-
	LPI 32	1'-0"	2'-0"	2'-10"	3'-10"	4'-10"	6'-9"	7'-9"	8'-8"	-	-	-	-
14"	LPI 20X ¹	2'-4"	2'-11"	3'-7"	4'-3"	4'-7"	5'-0"	5'-9"	6'-3"	7'-6"	8'-2"	-	-
	LPI 32	1'-0"	2'-0"	2'-10"	3'-10"	5'-4"	6'-9"	7'-9"	8'-8"	9'-8"	10'-7"	-	-
16"	LPI 20X ¹	2'-0"	3'-0"	3'-10"	4'-10"	5'-10"	6'-9"	7'-9"	8'-8"	9'-8"	10'-7"	10'-7"	11'-6"
	LPI 32	2'-0"	3'-0"	3'-10"	4'-10"	5'-10"	6'-9"	7'-9"	8'-8"	9'-8"	10'-7"	10'-7"	11'-6"

NOTES:

1. CUT HOLES CAREFULLY! DO NOT OVERCUT HOLES! DO NOT CUT JOIST FLANGES!
2. Square and rectangular holes must be centered at mid-height of the web. Round the corners where possible.
3. Round holes need not be placed at mid-height. A minimum 1/2" clear distance is required between the hole and the flange.
4. Round holes up to 1-1/2" diameter, including the perforated "knockouts", may be cut anywhere in the web.
5. Holes larger than 1-1/2" are not permitted in cantilevers.
6. Multiple holes must have a clear separation along the length of the joist of at least twice the largest dimension of the adjacent hole(s), or a minimum of 12" center-to-center, whichever is greater.
7. Multiple holes may be spaced closer provided they fit within the boundary of an acceptable larger hole. Example: Two 3" round holes may be spaced 2" apart (clear distance) provided that a 3" high by 8" long rectangular hole, or an 8" diameter round hole is acceptable for the joist depth at that location.
8. These web hole tables are valid for simple and continuous span joists with uniform loads only, as sized from the tables contained in LP's current I-joist product guides. Larger holes, non-uniform loading conditions and/or closer proximity to supports may be possible, but require further analysis using LP's design software. Please contact your local LP Engineered Wood Products distributor for more details.





RESIDENCE FOR: MR. MRS. BARRY JOYE SECTION
MIKE'S CADDESIGN DRAWN BY DATE
2-16-84

SCALE: 1/4 IN. = 1 FT.	SHEET 6 OF 10
------------------------	------------------

COLUMBIA COUNTY OFFICE OF ZONING

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 12-4S-16-02935-029

Building permit No. 000026534

Use Classification SFD ADDITION

Fire: 0.00

Permit Holder SETH HEITZMAN

Waste:

Owner of Building TAMARA HORTON

Total: 0.00

Location: 274 SW CESSNA CT, LAKE CITY, FL 32025

Date: 03/13/2008

Tanya Decker

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

