- 26517 -

NEW RESIDENCE FOR

KEITH & KIMBERLY BRAINARD
LOT 20 WALNUT DRIVE
FORT WHITE, FL

CODE COMPLIANCE

2004 FLORIDA BUILDING CODE
2004 FLORIDA BUILDING CODE, RESIDENTIAL
2004 FBC MECHANICAL CODE
2004 FBC PLUMBING CODE
2004 FBC ELECTRICAL 2002 NEC
2004 FLORIDA FIRE PREVENTION CODE

TABLE OF CONTENTS

COVER	1 of 11
ELEVATIONS	2 of 11
FOUNDATION PLAN	3 of 11
FLOOR PLANS	4 of 11
LINTLE	5 of 11
DETAILS	6 of 11
DETAILS	7 of 11
TRUSS PLANS	8 of 11
ELECTRICAL PLANS	9 of 11
PLUMBING PLANS	10 of 11
MECHANICAL PLANS	11 of 11

FLASHING NOTES:

VALLEY FLASHING METAL IS TO BE G90 GALVANIZED STEEL
- 26 g. NAILED @ 12" O.C MAX. 2004 FBCR R905.2.8.2

DRIP EDGE SHALL BE PROVIDED AT EAVES AND GABLES OF SHINGLE ROOFS, AND OVERLAPPED A MIN. OF 2 INCHES. DRIP EDGE SHALL BE FASTENED A MAX. OF 12 INCHES, O.C. 2004 FBCR R905.2.8.6

CONT. L FLASHING AT ROOF TO WALL INTERSECTIONS
2004 FBCR R703.8; R903.2

ROOFING NOTES:

ROOF COVERING TO BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF 2004 FBCR R905.1 AND THE MANUFACTUROR'S INSTALLATION INSTRUCTIONS.

ASPHALT /FIBERGLASS SHINGLES SHALL HAVE SLEF-SEAL STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D225, ASTM D3462

UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT AS FOLLOWS:

FOR PITCHES 4 IN 12 AND ABOVE: STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO AND STARTING FROM THE THE EAVE, LAPPED 2" AND FASTENED SUFFICIENTLY TO STAY IN PLACE. END LAPS SHALL BE OFFSET 6 FEET. 2004 FBCR R905.2.7

FOR PITCHES BELOW 4 IN 12: UNDERLAYMENT SHALL BE 2 LAYERS APPLIED IN THE FOLLOWING MANNER. APPLY A 19" STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVE, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EAVE APPLY 36" WIDE SHEETS OF UNDERLAYMENT OVERLAPPING SUCCESSIVE SHEETS 19 " AND FASTENED SUFFICIENTLY TO HOLD IN PLACE. LAPS SHALL BE OFFSET 6 FEET. 2004 FBCR R905.2.7

FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED STEEL, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 ga SHANK WITH MINIMUM $\frac{3}{8}$" DIAM. HEAD, ASTM F 1667, OF LENTH TO PENETRATE THROUGH ROOFING MATERIALS AND A MINIMUM OF $\frac{3}{4}$" INTO THE ROOF SHEATHING. WHERE THE ROOF SHEATHING IS LESS THAN $\frac{3}{4}$" THICK THE FASTENERS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT OF SHINGLES SHALL COMPLY WITH ASTM D 3161 MODIFIED TO USE A WIND SPEED OF 110 mph OR TAS 107. MINIMUM OF 4 FASTENERS PER SHINGLE. 2004 FBCR 905.2.6

SOIL NOTES:

MINIMUM SOIL BEARING PRESSURE = 2000 p.s.f.

ALL FILL SHALL BE CLEAN SAND, FREE OF ORGANIC AND ANY OTHER DELETERIOUS MATERIALS. COMPACTED SOILS SHALL BE TESTED TO A MINMUM OF 95% OF MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D 1557 AND COMPACTED AND TESTED IN LIFTS NOT TO EXCEED 12 INCHES. FBC 1803.5

FOOTAGE SUMMARY

1ST FLOOR CONDITIONED	861	Sq. Ft.
2ND FLOOR CONDITIONED	861	Sq. Ft.
TOTAL CONDITIONED	1722	Sq. Ft.

GENERAL STRUCTURAL NOTES:

1. ALL CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS FOR SLAB AND FOOTINGS. PROVIDE 3000 P.S.I. AT 28 DAYS FOR TIE BEAMS AND CONCRETE FILLED BLOCK CELLS. 2004 FBCR TABLE R402.2

2. ALL REINFORCING STEEL SHALL BE NEW BILLET STEEL MINIMUM GRADE 40 AND IDENTIFIED IN ACCORDANCE WITH ASTM A615, A616, A617 OR A706. U.N.O.

3. 8"X8"X16" CONCRETE MASONRY UNITS SHALL BE IN ACCORDANCE WITH ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1900 FM P.S.I.

4. MORTAR SHALL BE TYPE M OR S IN ACCORDANCE WITH ASTM C270.

5. GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS IN ACCORDANCE W/ ASTM C1019 OR ASTM C476.

6. ALL MASONRY HEADERS AND SILLS TO BE PRECAST UNLESS NOTED OTHERWISE.

7. REINFORCEMENT BAR SPLICES **#5 BAR - 25" MIN.** OTHER **#3 TIES - 15" MIN.**

8. VERTICAL REINFORCEMENT SPACING IN MASONRY WALL. 2004 FBCR TABLE R606.8 MINIMUM OVERLAP #5 REBAR - 25" & #3 REBAR TIE = 15"

9. ALL SECTIONS OF C.M.U. GREATER THAN 4'-0" IN LENGTH AND UNBROKEN BY OPENINGS ACT INDEPENDENTLY AS SHEAR WALL SEGMENTS AND INDIVIDUALLY PROVIDE BRACING FOR ADJACENT. FORCES MAY BE ASSUMED TO TRANSFER THRU BOND BEAMS TO INTERIOR SEGMENTS.

10. TRUSS CONNECTORS SHOWN ON THESE DRAWINGS HAVE BEEN SELECTED BASED ON LOADING ASSUMPTIONS BY THE TRUSS DESIGNER.

11. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWING ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT, EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.

12. IF CONTRACTOR ENCOUNTERS ANY SITUATION NOT DEPICTED OR ANTICIPATED BY THESE PLANS, CONTACT THE ENGINEER OF RECORD FOR ADDITIONAL CALRIFICATION OR DETAILS.

13. ROOF DECK SHEATHING TO BE MIN. 7/16" CDX PLYWOOD OR OSB STRUCTURAL SHEATHING W/ STEEL PLYCLIPS FOR 24" OC TRUSS SPACING PER FBCR 803.1; TABLE 503.2.1.1(1) INSTALLED W/STAGGERED JOINTS & NAILED W/ 8D NAILS MIN 4" ON EDGE & 8" FIELD. U.N.O.

14. FLOOR DECK SHEATHING TO BE MIN. 23/32" T&G , ULX UNDERLAYMENT PLYWOOD OR OSB UNDERLAYMENT SHEATHING FOR 24" OC TRUSS SPACING PER 2004 FBCR TABLE 503.2.1.1(1) INSTALLED W/STAGGERED JOINTS / GLUED & NAILED W/ 8D NAILS RING OR SPIRAL SHANK MIN 4" ON EDGE & 8" FIELD. U.N.O.

15. FOR PRESSURE TREATED WOOD (EXCEPT FOR INTERIOR BORATE TREATED)ALL CONNECTORS, STRAPS, JOIST HANGERS (HOT DIPPED GALVANIZED G-185 MEETING ASTM A653), NAILS & FASTENERS (HOT DIPPED GALVANIZED, MEETING ASTM A153) . STAINLESS STEEL FASTENERS , TYPE 304 AND 316 ARE ACCEPTABLE .

STRUCTURAL DESIGN CRITERIA

EXPOSURE CATEGORY: B
BASIC WIND SPEED: 110
INTERNAL PRESSURE COEFFICIENTS:
BUILDING ENCLOSED - ± 0.18

WIND IMPORTANCE FACTOR: 1
ROOF DESIGN WIND PRESSURE: 20 p.s.f.
2004 FBCR R301.6

ROOF LOADS:
TOP CHORD LIVE LOAD - 20.0 P.S.F.
TOP CHORD DEAD LOAD - 7.0 P.S.F.
BOTTOM CHORD LIVE LOAD 0.0 P.S.F.
BOTTOM CHORD DEAD LOAD - 10.0 P.S.F.
ROOF LIVE LOAD EQUALS WIND LOADS, 2004 FBCR R301.6
ROOF DEAD LOAD EQUALS WEIGHT OF MATERIALS & CONSTRUCTION. 2004 FBCR R301.4

FLOOR LOADS:
TOP CHORD LIVE LOAD - 40.0 P.S.F.
TOP CHORD DEAD LOAD - 10.0 P.S.F.
BOTTOM CHORD LIVE LOAD 0.0 P.S.F.
BOTTOM CHORD DEAD LOAD - 5.0 P.S.F.
FLOOR LIVE LOAD PER 2004 FBCR R301.5
FLOOR DEAD LOAD EQUALS WEIGHT OF MATERIALS & CONSTRUCTION. 2004 FBCR R301.4

WINDOW & DOOR DESIGN PRESSURES PER 2004 FBCR TABLE R301.2(2)

WINDOW DESIGN
WINDOWS:
ALL CONFIGURATIONS
A. POSITIVE PRESSURE OF 21 p.s.f.
B. NEGATIVE PRESSURE OF 28 p.s.f.

DOOR DESIGN
SLIDING GLASS DOORS:
ALL CONFIGURATIONS
A. POSITIVE PRESSURE OF 21 p.s.f.
B. NEGATIVE PRESSURE OF 28 p.s.f.

ENTRY DOORS:
ALL CONFIGURATIONS
A. POSITIVE PRESSURE OF 21 p.s.f.
B. NEGATIVE PRESSURE OF 28 p.s.f.

Scale 1/4" = 1'

FILE COPY

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WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY & BE RESPONSIBLE FOR DIMENSIONS & CONDITIONS OF THE JOB.

PRINT LOG

REVISION LOG

DRAFTSMAN
E.L.DUGGER

PROPOSED NEW RESIDENCE FOR
Keith Brainard
1644 Peach Street
Kissimmee, FL 34746

THIS STRUCTURE HAS BEEN DESIGNED TO MEET THE WIND LOAD REQUIREMENTS OF CHAPTER 3 OF THE FLORIDA BUILDING CODE 2004, RESIDENTIAL

ROY HOBBS P.E.
PO BOX 420189
KISSIMMEE, FL. 34742-0189
407-847-4211
FLORIDA NUM. 31580

DATE:
11/17/2005

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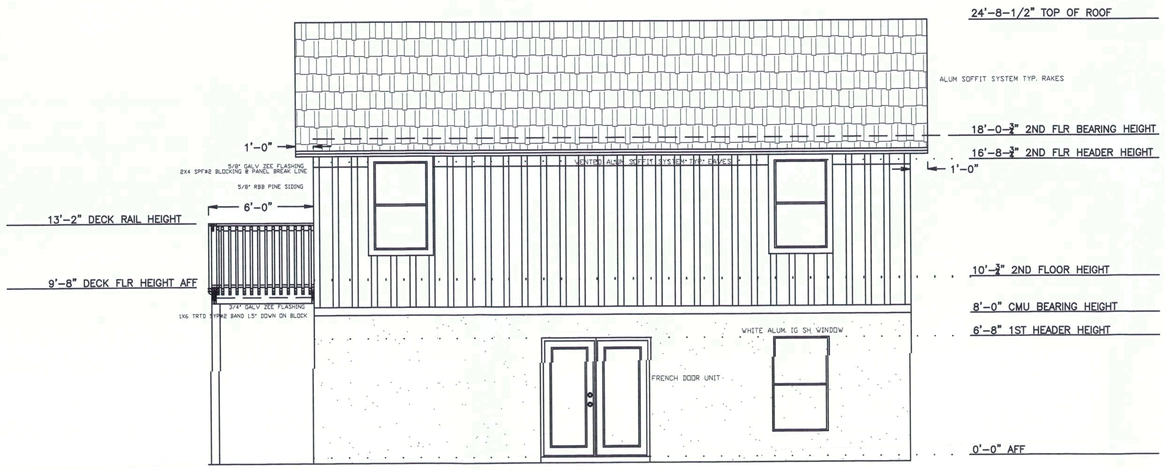
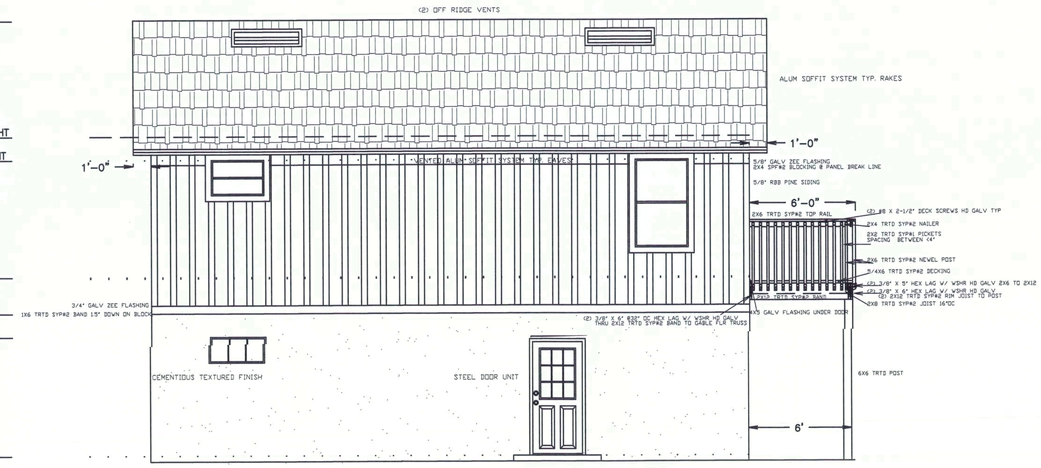
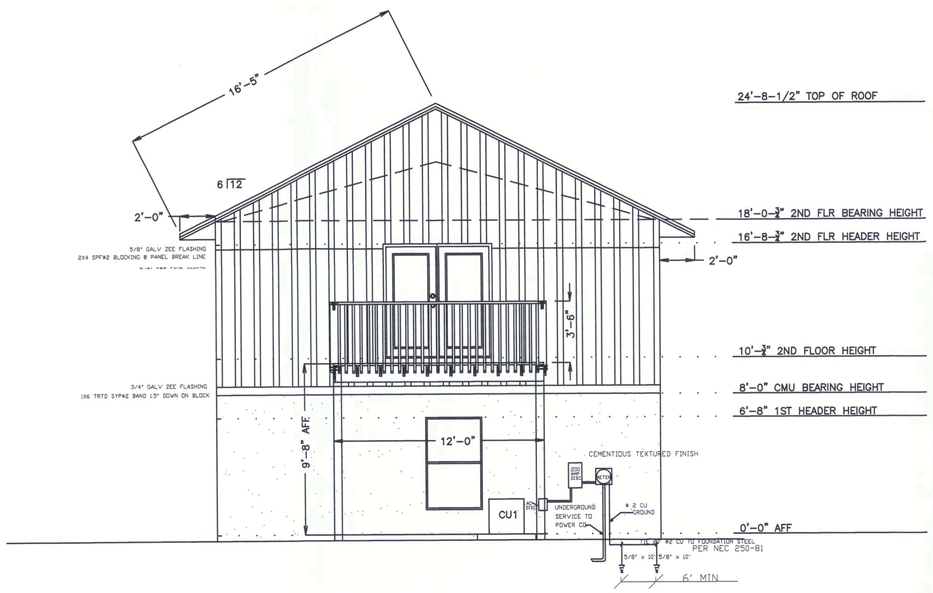
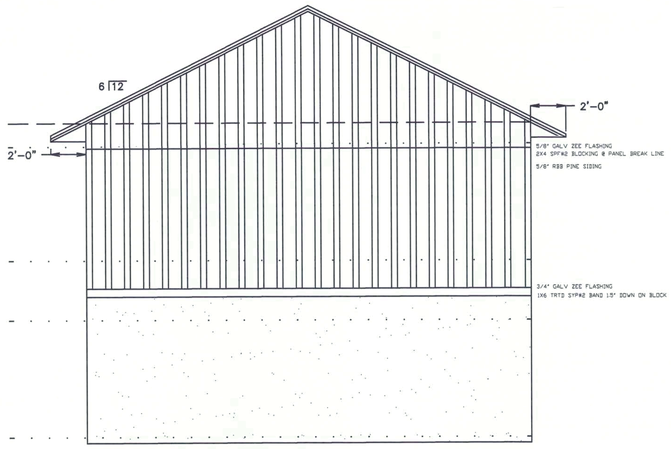
1/11









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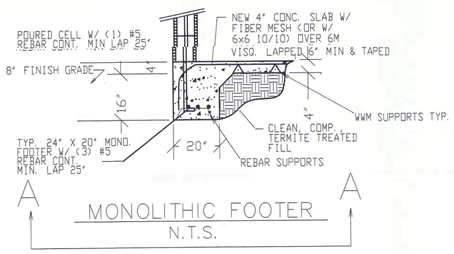
FOUNDATION NOTES:

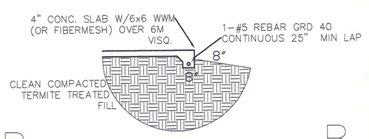
1. FOOTING DESIGN BASED ON MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2500 P.S.F.
2. IF FOOTING ELEVATION OCCURS IN DISTURBED, UNSTABLE OR UNSUITABLE SOIL, THE ARCHITECT AND ENGINEER SHALL BE NOTIFIED AND NECESSARY ADJUSTMENTS SHALL BE MADE PER THEIR INSTRUCTIONS.
3. STEPS IN WALL FOOTINGS SHALL NOT EXCEED A SLOPE OF (1) VERTICAL TO (2) HORIZONTAL.
4. CAUTION SHALL BE USED WHEN OPERATING VIBRATORY COMPACTION EQUIPMENT NEAR EXISTING STRUCTURES TO AVOID THE RISK OF DAMAGING THE EXISTING CONDITIONS.
5. SOIL TESTS SHALL MEET OR EXCEED 95% MODIFIED PROCTOR (ASTM D1557 METHOD A). THE FOLLOWING FREQUENCY OF TESTING SHALL BE REQUIRED BEFORE PLACING CONCRETE FOR FOOTINGS AND SLABS:
   CONTINUOUS FOOTINGS:
   EVERY 40 LINEAL FEET @ BEARING ELEVATION AND ONE FOOT BELOW BEARING.
   COLUMN FOOTINGS:
   25% OF FOOTINGS SHALL BE TESTED AT BEARING AND ONE FOOT BELOW BEARING.
   BUILDING PAD:
   EVERY 1000 SQUARE FEET OF FLOOR AT GRADE AND ONE FOOT BELOW GRADE.
6. IN AREAS OF THE BUILDING PAD WHERE SOIL IS BEING CUT, IT IS THE RESPONSIBILITY OF THE SITE CONTRACTOR TO DENSIFY THE TOP 12 INCHES OF EXISTING SOILS TO 95% MODIFIED PROCTOR.

CONCRETE NOTES:

1. ALL CONCRETE WORK TO BE DONE IN STRICT ACCORDANCE WITH THE ACI 318 AND ACI 301.
2. CONCRETE MIX DESIGN CRITERIA:
   CONCRETE (28 DAY): TYPE 1 PORTLAND CEMENT
   ASTM C150 - 2500 PSI
   COMPRESSIVE STRENGTH
   WATER/CONCRETE RATIO: LESS THAN OR EQUAL TO .58
   SLUMP: SLAB-ON-GRADE: 5 INCHES
   OTHER: 3 INCHES
   WATER: POTABLE
   CHLORIDE: NONE
   AGGREGATES: NORMAL WEIGHT - ASTM C33
3. CONCRETE SLAB REINFORCING SHALL BE WELDED WIRE FABRIC (SIZE AS NOTED) OR FIBERMESH PREMIXED IN CONCRETE PRIOR TO SITE DELIVERY.
4. CONSTRUCTION JOINTS DESIGN AND LOCATIONS SHALL CONFORM STRICTLY TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. ANY CONSTRUCTION OR CONTROL JOINTS DESIRED OR PREFERRED BY THE CONTRACTOR SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION OF THOSE AREAS INVOLVED.
5. VERIFY ALL DRAWINGS AND APPLICABLE MANUFACTURER'S SHOP DRAWINGS FOR LOCATION OF ALL EMBEDDED ITEMS - SUCH AS PIPE SLEEVES, ANCHOR BOLTS, ETC. - PRIOR TO PLACING CONCRETE.
6. ALL REINFORCEMENT FOR FOOTINGS SHALL BE CONTINUOUS AND SPLICE WITH A FULL 25 INCH LAP (MINIMUM). PROVIDE CORNER BARS FOR ALL CORNERS AND INTERSECTIONS.



MONOLITHIC FOOTER
N.T.S.



8" THICKENED EDGE SLAB
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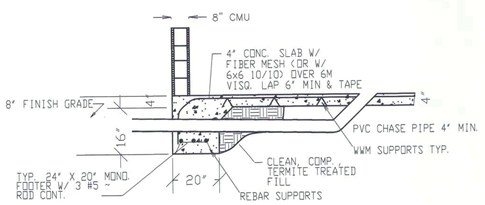
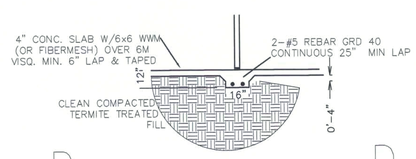


HVAC CHASE THRU MONO FOOTER
N.T.S.



INT. BELL FOOTER
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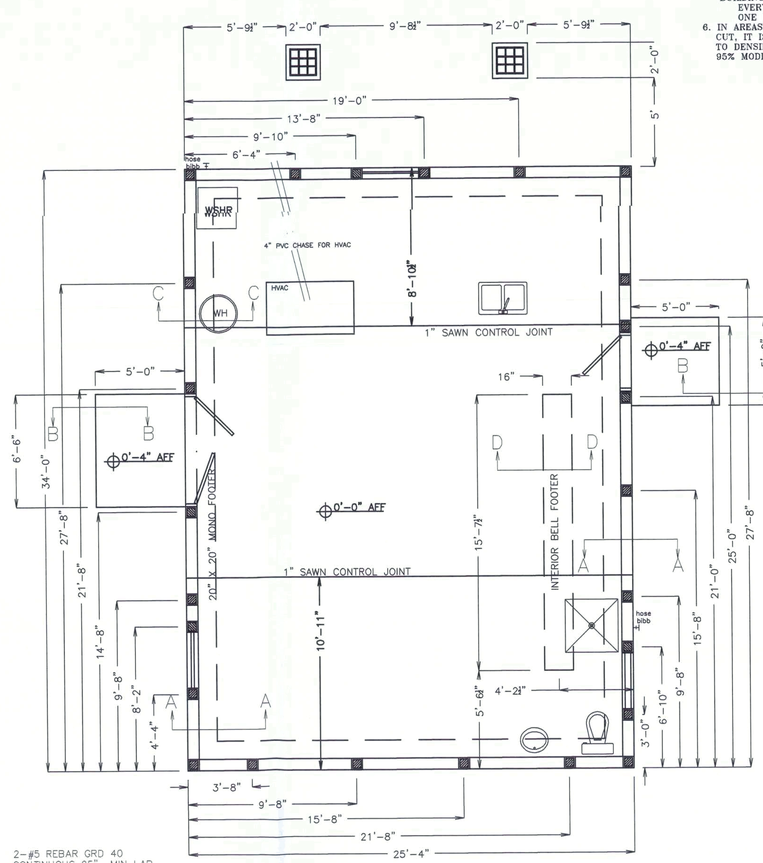
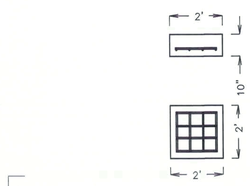


FOUNDATION PLAN
Scale 1/4" = 1'



2'X2' PIER
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REVISION LOG

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E.L.DUGGER

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Ⓐ

FASTENERS TABLE

ID #	MAKER	MODEL	ALLOWABLE LOADS UPLIFT (133)	UPLIFT (160)	FASTENER SCHEDULE ANCHOR ANCHOR	PLATE JOIST/POST	BEAM/ TRUSS	LATERAL (133/160) F1(133/160)	F2(133/160)	REMARKS
A	SIMP	HETA20	1735	1735	4" CONC		16 10d-1.5"	335	730	
B	SIMP	H2.5	415			(5)8d-1.5"	(5)8d-1.5"			
C	SIMP	THA413				(6)10d-1.5"	(6) 10d			
D	SIMP	ABU44	2200		5/8" AB	(12) 16D				Z-MAX GALV
E	SIMP	LCE4 PAIR	1800			(10) 16D	(14) 16D	1425		Z-MAX GALV
F	SIMP	HUC410	1505			(10) 10d	(18) 16d			Z-MAX GALV
G	SIMP	LU28	1505			(8) 10d	(6)10d-1.5"			Z-MAX GALV

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WINDOW SCHEDULE

LABEL	SIZE	ROUGH OPENING	QNTY	GLASS	STYLE	MODEL	MANUFACTURER	FBC APPROVAL #
		WIND LD. BASIC WIND SPEED = 110 MPH. (@3 SEC GUST.)						
A	25	37 3/4" X 63"	2	LOW-E	FLANGE SH	1000	FLORIDA EXTRUDERS	FL 42.1 R2
B	37X16 FXD	37 3/4" X 16"	1	LOW-E	FLANGE FXD	1000	FLORIDA EXTRUDERS	FL 42.1 R2
C	3050	36" X 60"	3	LOW-E	FIN SH	1000	FLORIDA EXTRUDERS	FL 42.1 R2
D	3020	36" X 24"	1	LOW-E	FIN SH	1000	FLORIDA EXTRUDERS	FL 42.1 R2

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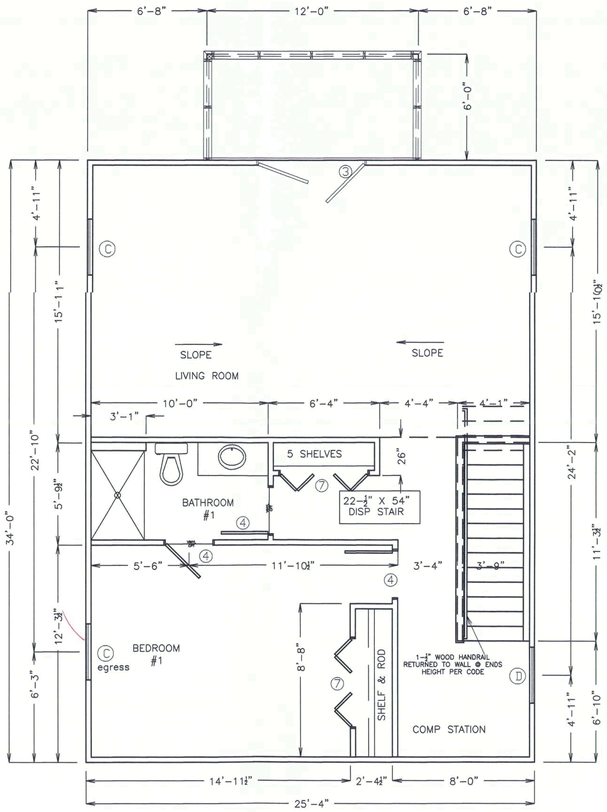
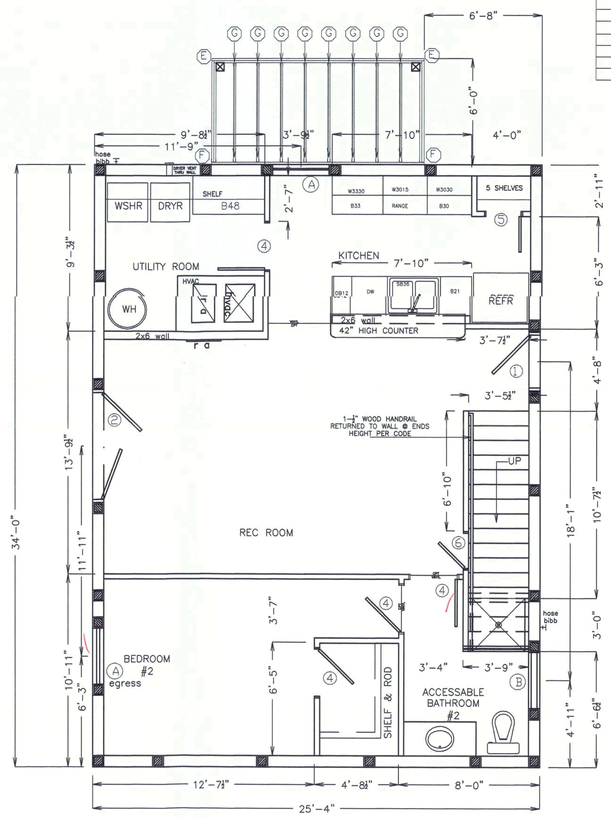
DOOR SCHEDULE

LABEL	SIZE	ROUGH OPENING	QNTY	STYLE	MANUFACTURER	ASTRAGAL	REMARKS	FBC APPROVAL #
		WIND LD. BASIC WIND SPEED = 110 MPH. (@3 SEC GUST.)						
1	3068	40" X 82-1/2"	1	EXT I/S	THERMA-TRU	NA	9LT IG STL W/ SILL & DBT	FL 1170 R1
2	6068	76.5" X 82-1/2"	1	EXT I/S	THERMA-TRU	YES	IG FULL VIEW FRENCH	FL 1170 R1
3	6068	75" X 82-1/2"	1	EXT I/S	THERMA-TRU	YES	IG FULL VIEW FRENCH	FL 1170 R1
4	2868	34"X82-1/2"	7	INT	COLONIST			
5	2068	26"X82-1/2"	1	INT	COLONIST			
6	2040	26"X50"	1	INT	COLONIST CUT TOP			
7	5068	61-1/2"X82"	2	INT	COLONIST BIFOLD			



2ND FLOOR PLAN

Scale 1/4" = 1'



1ST FLOOR PLAN

Scale 1/4" = 1'

GENERAL NOTES:

1. THE CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND THE START OF CONSTRUCTION. PROTECT AND MAINTAIN ALL WORK AND CONTENTS DURING CONSTRUCTION.
2. *REFER TO THE MANUFACTURER'S INSTRUCTIONS FOR* MOUNTING AND SECURING MECHANICAL EQUIPMENT.
3. THE GENERAL CONTRACTOR SHALL AT ALL TIMES MAINTAIN A CURRENT APPROVED SET OF SHOP DRAWINGS AT THE JOB SITE.
4. REBARS MAY BE DRILLED AND EPOXIED W/ 5" MIN. EMBEDMENT
5. WHERE TRUSS STRAPS ARE NOT IN PROPER PLACEMENT. MIN (4) 3/16" X 2-1/4" HEX HEAD TAPCONS MAY BE USED TO INSTALL TO BLOCK / CMU W/ MIN. 16" STRAP

MASONRY NOTES:

1. ALL MASONRY WORK TO BE DONE IN STRICT ACCORDANCE WITH THE ACI 530 AND ACI 530.1
2. ■ INDICATES REBAR (6') O.C. MAX., @ EVERY CORNER, & ON EACH SIDE OF OPENINGS):

THE FOLLOWING WINDOWS AND DOORS HAVE BEEN APPROVED BY THE FLORIDA BUILDING CODE 2004

1. ALL EXTERIOR DOORS TO BE SUPPLIED BY THERMA-TRU
2. ALL WINDOWS AND SLIDING GLASS DOORS TO BE SUPPLIED BY FLORIDA EXTRUDERS WINDOWS

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1ST FLOOR CONDITIONED	861	Sq. Ft.
2ND FLOOR CONDITIONED	861	Sq. Ft.
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1. PRODUCT NAME (PATENT PENDING)

PREFORMED STEEL LINTEL: GALVANIZED 16 GA. THICKNESS (0.0598 INCHES) AND 18 GAGE THICKNESS (0.0478 INCHES) COIL STEEL. AS MANUFACTURED BY POWERS STEEL & WIRE PRODUCTS, INC. STEEL GRADE IS ASTM A570 GRADE C (FY=40 KSI). GALVANIZATION SHALL COMPLY WITH ASTM A525. THE POWERS STEEL GALVANIZED LINTEL IS NOT DEFINED AS AN ACCESSORY PER SECTION 2104.9.6 OF THE STANDARD BUILDING CODE AND THE FLORIDA BUILDING CODE. BUT IS, INSTEAD, DEFINED AS A STRUCTURAL ELEMENT, SECTION 2204.1 OF THE STANDARD BUILDING CODE AND THE FLORIDA BUILDING CODE. ACCESSORY ITEMS CONSIST OF HORIZONTAL JOINT REINFORCING, VENEER TIES, ANCHORS, WIRE FABRIC. THE POWERS GALVANIZED STEEL LINTEL COMPLIES WITH ASTM A570 WHICH IS THE SPECIFICATION FOR STRUCTURAL QUALITY STEEL.

2. SHORE LINTELS AS REQUIRED TO COMPENSATE FOR DEAD LOAD DEFLECTION ON NON-CURED MASONRY GROUT.

3. LINTEL TO BE USED WITH CONCRETE MASONRY UNITS HAVING MINIMUM f'm AS SHOWN.

4. STEEL SURFACES IN CONTACT WITH GROUT AND/OR MORTAR SHALL BE UNPAINTED AND FREE OF MATERIAL THAT MIGHT INHIBIT BOND.

5. DESIGN BEARING OF POWERS STEEL LINTELS IS 8". A MINIMUM BEARING OF 4' IS REQUIRED PER THE STANDARD BUILDING CODE AND THE FLORIDA BUILDING CODE.

6. f'm = 1500PSI. MASONRY UNITS SHALL CONFORM TO ASTM C90, GRADE N.

7. GROUT = 3000PSI. SLUMP RANGE: 8' TO 11". ROD OR VIBRATE GROUT ADEQUATELY TO ENSURE CONSOLIDATION OF GROUT AND AIR POCKETS. GROUT SHALL COMPLY WITH ASTM C476-83 AND BE EITHER COARSE OR FINE GROUT.

8. MORTAR: TYPE 'S' OR TYPE 'M' 1800PSI.

9. TOP REINFORCING OR TOP OF WALL REINFORCING, IS REQUIRED BY CODES TO PROVIDE A CONTINUOUS TIE AROUND A STRUCTURE AND TO PROVIDE FOR UPLIFT RESISTANCE AT LINTELS.

10. ATTACHMENTS TO TOP OF WALL PER ARCHITECTURAL AND/OR ENGINEERING DRAWINGS.

11. MASONRY WALL MAY OCCUR ABOVE COMPOSITE LINTEL HEIGHT. IN THE CASE THAT THE MASONRY WALL IS TWICE THE HEIGHT OF THE LINTEL HEIGHT THE DEAD LOAD WEIGHT OF THE LINTEL MAY BE EXCLUDED FROM THE LOAD CALCULATIONS DUE TO THE COMPOSITE NATURE OF THE LINTEL ASSEMBLY.

12. MANUFACTURER:

POWERS STEEL PRODUCTS LINTELS
4118 E. ELWOOD PHOENIX, AZ 85040
PH# 602-437-1160 FAX# 602-437-5409

13. TECHNICAL DATA AND ENGINEERING POWERS STEEL LINTELS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FOLLOWING:

+ SBCCI SSTD - 1999
+ STANDARD BUILDING CODE - 1999
+ FLORIDA BUILDING CODE - 2001
+ AISI LIGHT GAGE COLD FORMED STEEL DESIGN - 1996

FOR COMPOSITE BEAM HEIGHTS GREATER THAN THOSE PUBLISHED, USE THE 'SAFE LOAD' VALUES PER LINEAR FOOT, FROM THE NEXT LOWER HEIGHT TABLE AVAILABLE.

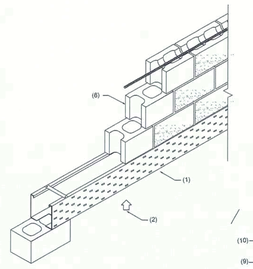
14. INSTALLATION:
POWERS LINTELS ARE TO BE INSTALLED IN ACCORDANCE WITH STANDARD CONSTRUCTION PRACTICES, SET TO PROPER LINE AND LEVEL, PLUMB AND TRUE, AND IN THE CORRECT RELATION TO OTHER WORK.

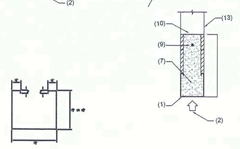
15. 18 GAUGE ON SPANS UP TO 7'-11".
16 GAUGE ON SPANS 8'-0" AND LONGER.

16. THIS PRINT IS THE PROPERTY OF POWER STEEL & WIRE. PROFESSIONAL SEAL VALID ONLY WHEN FABRICATED BY THE ABOVE. IT IS PROVIDED FOR PERMIT PURPOSES ONLY. THESE DRAWINGS ARE FOR USE ON INDIVIDUAL PROJECTS. USE AS A CITY STANDARD IS NOT ALLOWED. ANY OTHER USE OR REPRODUCTION IS PROHIBITED WITHOUT WRITTEN AUTHORIZATION FROM POWERS STEEL AND WIRE.

POWER BOX LINTEL (8"x8" FILLED AND UNFILLED)

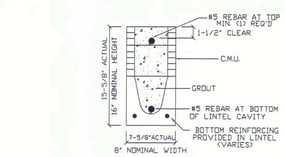
MARK NO.	NOMINAL CLEAR SPAN	TOTAL LINTEL LENGTH	TOTAL ALLOWABLE SUPERIMPOSED LOAD - POUNDS PER LINEAR FOOT: NO FILL NO REBAR DETAIL 'D'	FILLED NO REBAR DETAIL 'E'	FILLED (1) #5 DETAIL 'F'
L-1	1'-6"	2'-10"	933	6090	6090
L-2	2'-0"	3'-6"	646	4020	4020
L-3	2'-8"	4'-0"	524	3430	3430
L-4	3'-2"	4'-6"	442	2893	2893
L-5	4'-0"	5'-4"	350	2279	2279
L-6	4'-6"	5'-10"	311	2037	2037
L-7	5'-0"	6'-6"	271	1772	1772
L-8	6'-0"	7'-6"	227	1479	1479
L-9	7'-0"	8'-4"	200	1302	1302
L-10	8'-0"	9'-4"	240	1374	1374
L-11	9'-0"	10'-6"	209	1199	1199
L-12	10'-0"	11'-4"	192	1096	1096
L-13	11'-0"	12'-6"	172	986	986
L-14	12'-0"	13'-4"	160	916	916
L-15	12'-8"	14'-0"	152	824	880
L-16	13'-4"	14'-8"	144	746	814
L-17	14'-0"	15'-4"	137	674	738
L-18	16'-0"	17'-4"	100	518	566
L-19	18'-0"	19'-4"	---	408	446





TYPICAL POWER BOX LINTEL SECTION

DETAIL "F"



TYPE DESIGNATION

F = FILLED WITH GROUT / U = UNFILLED
QUANTITY OF #5 REBAR AT BOTTOM OF LINTEL CAVITY

8F16-1B/1T

NOMINAL WIDTH
NOMINAL HEIGHT
QUANTITY OF #5 REBAR AT TOP

8F8-0B/1T

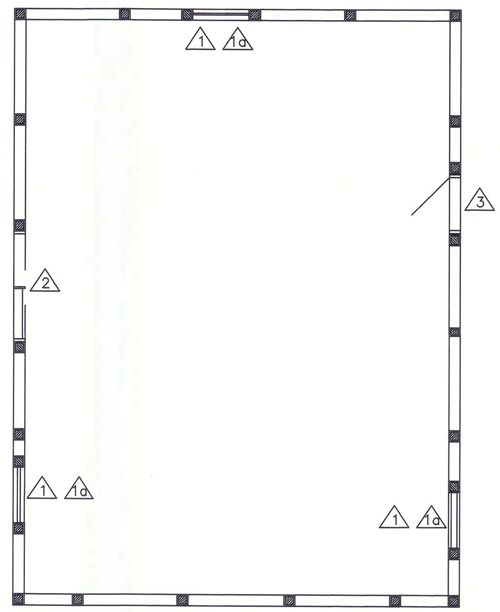
8" PRECAST W/ 2" RECESS DOOR U-LINTELS

LENGTH \ TYPE	8RF6-1T / 8RF6-2T	8RF10-1T / 8RF10-2T	8RF14-1T / 8RF14-2T	8RF18-1T / 8RF18-2T	8RF22-1T / 8RF22-2T	8RF26-1T / 8RF26-2T	8RF30-1T / 8RF30-2T	8RU6	8RF6
	UPLIFT								LATERAL
4'-4" (52") PRECAST	1244 / 1244	1573 / 1519	2413 / 2339	3260 / 3170	4112 / 4008	4967 / 4850	5825 / 5696	932	932
4'-6" (54") PRECAST	1192 / 1192	1507 / 1455	2311 / 2240	3121 / 3036	3937 / 3837	4756 / 4643	5577 / 5453	853	853
5'-8" (68") PRECAST	924* / 924	1172 / 1132	1795 / 1741	2423 / 2357	3055 / 2978	3689 / 3603	4325 / 4230	501	501
5'-10"(70") PRECAST	896* / 896	1099 / 1138	1690 / 1742	2288 / 2352	2891 / 2965	3497 / 3581	4106 / 4198	469	469
6'-8" (80") PRECAST	778 / 778	882 / 956	1513 / 1468	2042 / 1987	2573 / 2509	3107 / 3035	3642 / 3563	830	1100
7'-6" (90") PRECAST	688 / 688	697 / 849	1325 / 1302	1810 / 1762	2280 / 2225	2753 / 2690	3227 / 3157	710	941
9'-8" (116")PRECAST	533* / 533	433 / 527	808 / 1009	1123 / 1369	1413 / 1728	1704 / 2088	1995 / 2450	516	614

*REDUCE VALUE BY 15% FOR GRADE 40 FIELD REBAR

1 LINTEL SCHEDULE

LINTEL NO.	QUAN	Cast Crete	Power Steel	Comments: BTM 6'8"			
1	3	4'-6"(54") PRECAST	L-4	8F16-1B/0T			
1a	3	3'-2"(38") PRECAST SILL					
2	1	7'-6"(90") PC RECESSED	L-8	8F16-1B/1T			
3	1	4'-4"(52") PC RECESSED	L-4	8F16-1B/0T			



LINTLE LABELS

Scale 1/8" = 1'

SAFE LOAD TABLES

FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

LENGTH \ TYPE	8U8	8F8-0B / 8F8-1B	8F12-0B / 8F12-1B	8F16-0B / 8F16-1B	8F20-0B / 8F20-1B	8F24-0B / 8F24-1B	8F28-0B / 8F28-1B	8F32-0B / 8F32-1B
		GRAVITY						
2'-10"(34") PRECAST	2302	3166 / 3166	4473 / 4473	6039 / 6039	7526 / 7526	9004 / 9004	10472 / 10472	11936 / 11936
3'-6" (42") PRECAST	2302	3138 / 3138	3277 / 3277	4689 / 4689	6001 / 6001	7315 / 7315	8630 / 8630	9947 / 9947
4'-0" (48") PRECAST	2029	3166 / 2325	4473 / 2496	6039 / 3467	7526 / 4438	9004 / 5410	10472 / 6384	11936 / 7358
4'-6" (54") PRECAST	1651	2646 / 1787	4473 / 1913	6039 / 2657	7526 / 3403	9004 / 4149	10472 / 4896	11936 / 5644
5'-4" (64") PRECAST	1184	2170 / 1823	4027 / 1301	6039 / 1809	7526 / 2317	9004 / 2826	10472 / 3336	9668 / 3846
5'-10"(70") PRECAST	972	1665 / 1000	2889 / 1059	5057 / 1474	6696 / 1889	5400 / 2304	6424 / 2721	7450 / 3137
6'-6" (78") PRECAST	937	1459 / 1255	2464 / 2101	4144 / 3263	5458 / 2746	4437 / 3358	5280 / 3971	6122 / 4585
7'-6" (90") PRECAST	767	1255 / 1029	2101 / 1675	3396 / 2385	5260 / 1994	7134 / 2439	8995 / 2886	6890 / 3333
9'-4" (112")PRECAST	573	1029 / 632	1675 / 1049	2610 / 1469	3839 / 1210	5396 / 1482	6613 / 1754	5047 / 2027
10'-6"(126") PRECAST	456	768 / 482	1212 / 852	1818 / 1125	2544 / 915	3469 / 1122	4030 / 1328	3127 / 1535
11'-4"(136") PRECAST	445	658 / 598	1025 / 935	1514 / 1365	2081 / 1854	2774 / 2333	3130 / 1793	2404 / 2075
12'-0"(144") PRECAST	414	545 / 555	864 / 864	1254 / 1254	1689 / 1693	2074 / 2211	1570 / 2632	1818 / 3590
13'-4"(160") PRECAST	362	427 / 485	726 / 748	1028 / 1076	1331 / 1438	1635 / 1855	1824 / 2343	1418 / 2920
14'-0"(168") PRECAST	338	381 / 455	648 / 700	919 / 1003	1190 / 1335	1462 / 1714	1087 / 2153	1260 / 2666
14'-8"(176") PRESTRESSED	N.R.	NR / 465	NR / 765	NR / 1370	NR / 2045	NR / 2610	NR / 3185	NR / 3765
15'-4"(184") PRESTRESSED	N.R.	NR / 420	NR / 695	NR / 1250	NR / 1855	NR / 2370	NR / 2890	NR / 3410
17'-4"(208") PRESTRESSED	N.R.	NR / 319	NR / 530	NR / 950	NR / 1400	NR / 1800	NR / 2200	NR / 2600
19'-4"(232") PRESTRESSED	N.R.	NR / 240	NR / 400	NR / 750	NR / 1090	NR / 1400	NR / 1720	NR / 2030
21'-4"(256") PRESTRESSED	N.R.	NR / 183	NR / 330	NR / 610	NR / 940	NR / 1340	NR / 1780	NR / 2110
22'-0"(264") PRESTRESSED	N.R.	NR / 160	NR / 300	NR / 570	NR / 870	NR / 1250	NR / 1660	NR / 1970
24'-0"(288") PRESTRESSED	N.R.	NR / 130	NR / 240	NR / 470	NR / 720	NR / 1030	NR / 1350	NR / 1610

8" PRECAST & PRESTRESSED U-LINTELS

LENGTH \ TYPE	8U8	8F8-1T / 8F8-2T	8F12-1T / 8F12-2T	8F16-1T / 8F16-2T	8F20-1T / 8F20-2T	8F24-1T / 8F24-2T	8F28-1T / 8F28-2T	8F32-1T / 8F32-2T	LATERAL 8U8	LATERAL 8F8
		UPLIFT								
2'-10"(34") PRECAST	2021	2727 / 2727	2878 / 2784	4101 / 3981	5332 / 5190	6569 / 6407	7811 / 7630	9055 / 8857	2021	2021
3'-6" (42") PRECAST	1257	2165 / 2165	2289 / 2215	3260 / 3165	4237 / 4125	5219 / 5091	6204 / 6061	7192 / 7036	1257	1257
4'-0" (48") PRECAST	938	1878 / 1878	1989 / 1925	2832 / 2750	3680 / 3583	4532 / 4422	5387 / 5264	6245 / 6110	938	938
4'-6" (54") PRECAST	727	1660 / 1660	1762 / 1705	2507 / 2435	3257 / 3171	4010 / 3913	4767 / 4658	5525 / 5406	727	727
5'-4" (64") PRECAST	505	1393* / 1393	1484 / 1437	2110 / 2050	2741 / 2670	3375 / 3293	4010 / 3920	4648 / 4549	505	505
5'-10"(70") PRECAST	418	1272* / 1272	1357 / 1315	1930 / 1875	2505 / 2441	3084 / 3010	3665 / 3583	4247 / 4157	418	418
6'-6" (78") PRECAST	707	1141* / 1141	1200 / 1182	1733 / 1684	2250 / 2192	2769 / 2703	3290 / 3216	3812 / 3732	707	887
7'-6" (90") PRECAST	591	955* / 990	912 / 1029	1475 / 1466	1914 / 1907	2354 / 2351	2797 / 2797	3240 / 3245	591	657
9'-4" (112")PRECAST	454	801* / 801	612 / 755	980 / 1192	1269 / 1550	1560 / 1910	1852 / 2271	2144 / 2634	454	630
10'-6"(126") PRECAST	396	716* / 716	498 / 611	793 / 1039	1027 / 1389	1261 / 1711	1496 / 2034	1731 / 2358	396	493
11'-4"(136") PRECAST	363	666* / 666	439 / 535	696 / 925	899 / 1295	1104 / 1595	1309 / 1896	1515 / 2198	363	556
12'-0"(144") PRECAST	340	607* / 631	400 / 486	631 / 818	816 / 1209	1001 / 1514	1186 / 1799	1372 / 2086	340	494
13'-4"(160") PRECAST	302	500* / 573	340 / 409	532 / 682	686 / 1004	841 / 1367	997 / 1637	1153 / 1897	302	398
14'-0"(168") PRECAST	286	458* / 548	316 / 378	493 / 629	635 / 922	778 / 1254	922 / 1567	1065 / 1816	286	360
14'-8"(176") PRESTRESSED	N.R.	243 / 243	295 / 352	459 / 582	591 / 852	724 / 1156	857 / 1491	990 / 1742	N.R.	357
15'-4"(184") PRESTRESSED	N.R.	228 / 228	329 / 278	542 / 430	791 / 553	1072 / 677	1381 / 801	1676 / 925	N.R.	327
17'-4"(208") PRESTRESSED	N.R.	188 / 188	236 / 276	361 / 449	464 / 649	567 / 874	670 / 1121	774 / 1389	N.R.	255
19'-4"(232") PRESTRESSED	N.R.	165 / 165	207 / 239	313 / 383	401 / 556	490 / 736	578 / 940	667 / 1160	N.R.	204
21'-4"(256") PRESTRESSED	N.R.	142 / 145	212 / 186	336 / 278	477 / 356	635 / 433	807 / 512	993 / 590	N.R.	172
22'-0"(264") PRESTRESSED	N.R.	140 / 137	180 / 205	268 / 322	343 / 457	418 / 607	493 / 771	568 / 947	N.R.	161
24'-0"(288") PRESTRESSED	N.R.	127 / 124	165 / 186	244 / 290	312 / 406	380 / 538	447 / 680	515 / 833	N.R.	135

*REDUCE VALUE BY 15% FOR GRADE 40 FIELD REBAR

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

LENGTH \ TYPE	8RU6	8RF6-0B / 8RF6-1B	8RF10-0B / 8RF10-1B	8RF14-0B / 8RF14-1B	8RF18-0B / 8RF18-1B	8RF22-0B / 8RF22-1B	8RF26-0B / 8RF26-1B	8RF30-0B / 8RF30-1B
		GRAVITY						
4'-4" (52") PRECAST	1489	1591	3053	2982	3954	4929	5904	6880
4'-6" (54") PRECAST	1357	1827	3412	4982	6472	7947	9416	10878
5'-8" (68") PRECAST	785	1449 / 1752	2782 / 3412	2714 / 4982	3600 / 6472	4487 / 7947	5375 / 9416	6264 / 10878
5'-10"(70") PRECAST	735	832 / 1153	1602 / 2162	1550 / 4074	2058 / 6472	2566 / 6516	3075 / 5814	3585 / 6839
6'-8" (80") PRECAST	822	1103 / 779	2051 / 1500	3811 / 1449	6472 / 1924	6516 / 2400	5450 / 2876	6411 / 3352
7'-6" (90") PRECAST	665	907 / 907	1677 / 1677	2933 / 2933	2576 / 4100	3223 / 6730	3872 / 8177	4522 / 6707
9'-8" (116")PRECAST	371	761 / 764	1377 / 1377	2252 / 2329	1958 / 3609	2451 / 5492	2944 / 6624	3439 / 5132
		420 / 535	834 / 988	1253 / 1497	1071 / 2179	1342 / 2618	1614 / 3595	1886 / 2875

Scale 1/4" = 1'

THESE PLANS ARE NOT VALID FOR PMITTING WITHOUT THE RAISED SEAL AND SIGNATURE OF THE ENGINEER OF RECORD

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY & BE RESPONSIBLE FOR DIMENSIONS & CONDITIONS OF THE JOB

MATERIALS

1. f'c precast lintels = 3500 psi.
2. f'c prestressed lintels = 6000 psi.
3. f'c grout = 3000 psi w/ maximum 3/8" aggregate.
4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
6. Prestressing strand per ASTM A416 grade 270 low relaxation.
7. 7/32 wire per ASTM A510.
8. Mortar per ASTM C270 type M or S.

GENERAL NOTES

1. Provide full mortar head and bed joints.
2. Shore filled lintels as required.
3. Installation of lintel must comply with the architectural and/or structural drawings.
4. Lintels are manufactured with 3-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L/180.
6. Bottom field added rebar to be located at the bottom of the lintel cavity.
7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

SAFE LOAD TABLE NOTES

1. All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
2. N.R. = Not Rated.
3. Safe loads are total superimposed allowable load on the section specified.
4. Safe loads based on grade 40 or grade 60 field rebar.
5. Additional lateral load capacity can be obtained by the designer by providing addional reinforced masonry above the precast lintel.
6. One #7 rebar may be substituted for two #5 rebars in 8" lintels only.
7. The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting moment and shear at d-away from the face of support.
8. For composite lintel heights not shown, use safe load from next lower height.
9. All safe loads in units of pounds per linear foot.

PRINT LOG

REVISION LOG

DRAFTSMAN
E.L.DUGGER

PROPOSED NEW RESIDENCE
FOR
Keith Brainard
1644 Peach Street
Kissimmee, FL 34746

THIS STRUCTURE HAS BEEN DESIGNED TO MEET THE WIND LOAD REQUIREMENTS OF CHAPTER 3 OF THE FLORIDA BUILDING CODE 2004, RESIDENTIAL

ROY HOBBS P.E.
PO BOX 420189
KISSIMMEE, FL. 34742-0189
407-847-4211

FLORIDA NUM. 31580

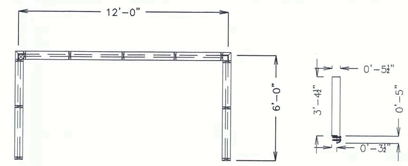
DATE:
11/17/2005

SHEET
5/11

Ⓐ

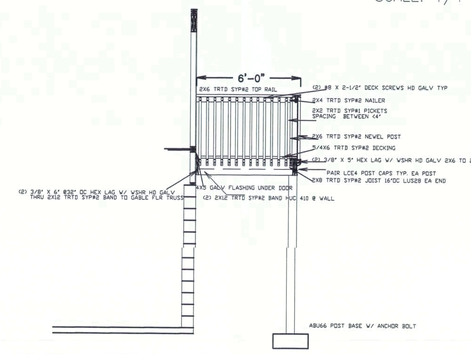
FASTENERS TABLE

ID #	MAKER	MODEL	ALLOWABLE LOADS UPLIFT (133)	(160)	FASTENER SCHEDULE ANCHOR ANCHOR	JOIST/POST	PLATE BEAM/ TRUSS	LATERAL (133/160) F1(133/160)	F2(133/160)	REMARKS
A	SIMP	HETA20	1735	1735	4" CONC		16 10d-1.5"	335	730	
B	SIMP	H2.5	415			(5)8d-1.5"	(5)8d-1.5"			
C	SIMP	THA413				(6)10d-1.5	(6) 10d			
D	SIMP	ABU66	2200		5/8" AB	(12) 16D				Z-MAX GALV
E	SIMP	LCE4 PAIR	1800			(10) 16D	(14) 16D	1425		Z-MAX GALV
F	SIMP	HUC410	1505			(10) 10d	(18) 16d			Z-MAX GALV
G	SIMP	LU28	1505			(8) 10d	(6)10d-1.5"			Z-MAX GALV



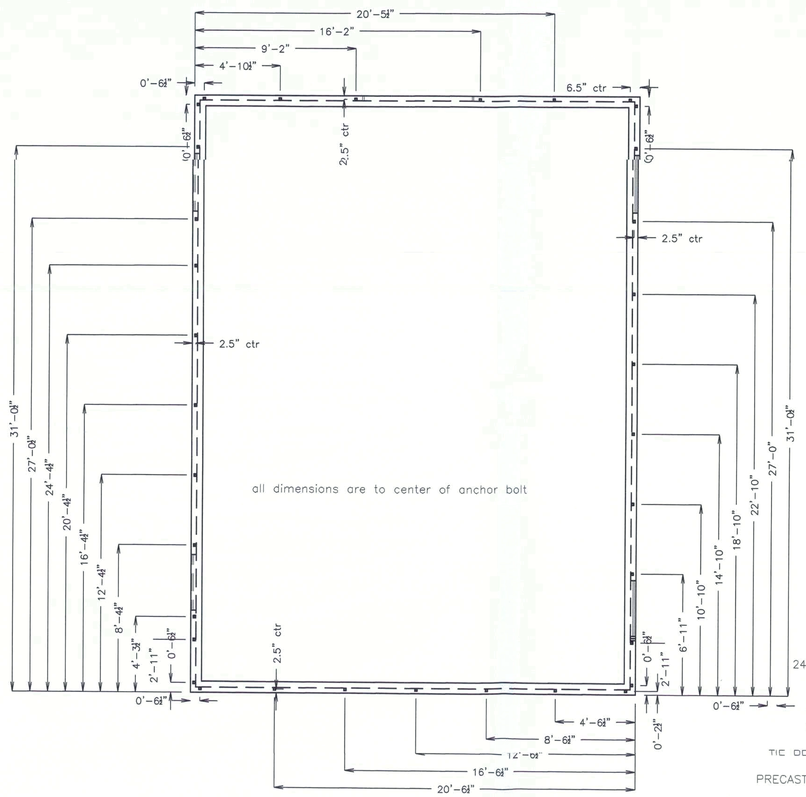
2X6 NEWEL LAYOUT FOR DECK

SCALE: 1/4" = 1'



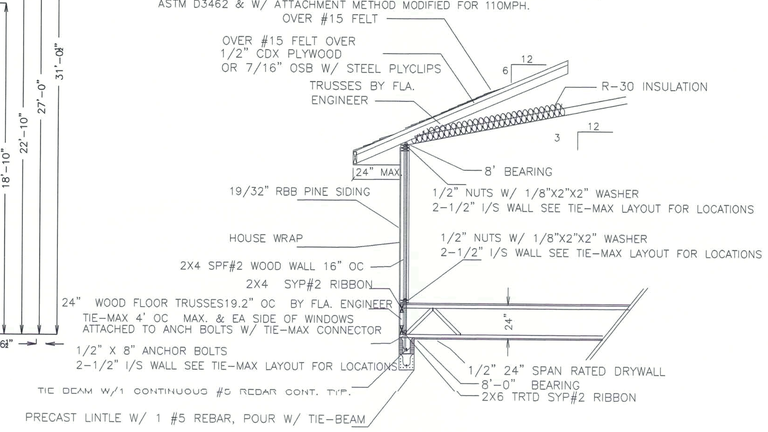
TYP. ATTACHMENT DETAIL FOR DECK

SCALE: 1/4" = 1'



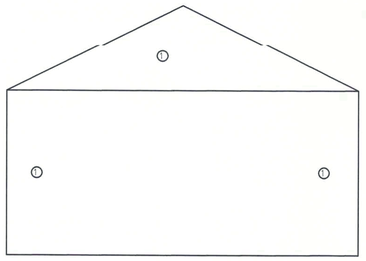
TIE-MAX SYSTEM LAYOUT

Scale 1/4" = 1'



TYP. TIE-MAX WALL SECTION

N T S



1. ALL SHEATHING 4" OC EDGE AND 8" OC FIELD
2. INTERIOR SHEER WALL 5/8" CDX 4" EDGE & 8" FIELD

NAILS TO BE 8d SINKER / COMMON OR 7D RINGSHANK

WALL SHEATHING SCHEDULE

N.T.S.

Scale 1/4" = 1'

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WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY & BE RESPONSIBLE FOR DIMENSIONS & CONDITIONS OF THE JOB

PRINT LOG

REVISION LOG

DRAFTSMAN
E.L.DUGGER

PROPOSED NEW RESIDENCE
FOR
Keith Brainard
1644 Peach Street
Kissimmee, FL 34746

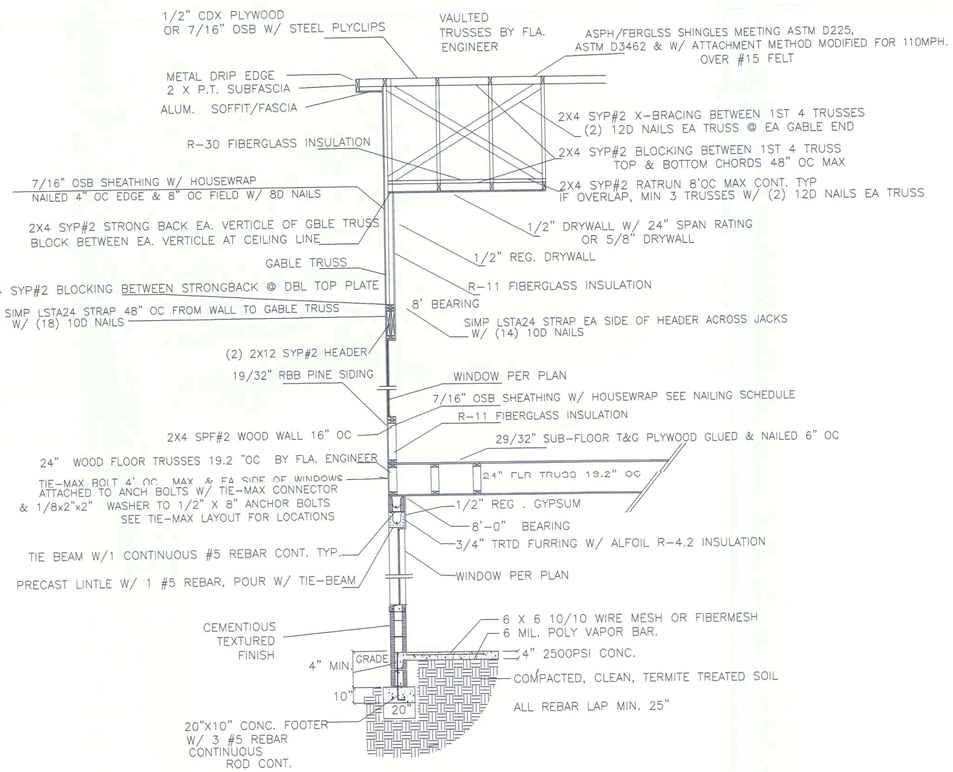
THIS STRUCTURE HAS BEEN DESIGNED TO MEET THE WIND LOAD REQUIREMENTS OF CHAPTER 3 OF THE FLORIDA BUILDING CODE 2004, RESIDENTIAL

ROY HOBBS P.E.
PO BOX 420189
KISSIMMEE, FL. 34742-0189
407-847-4211

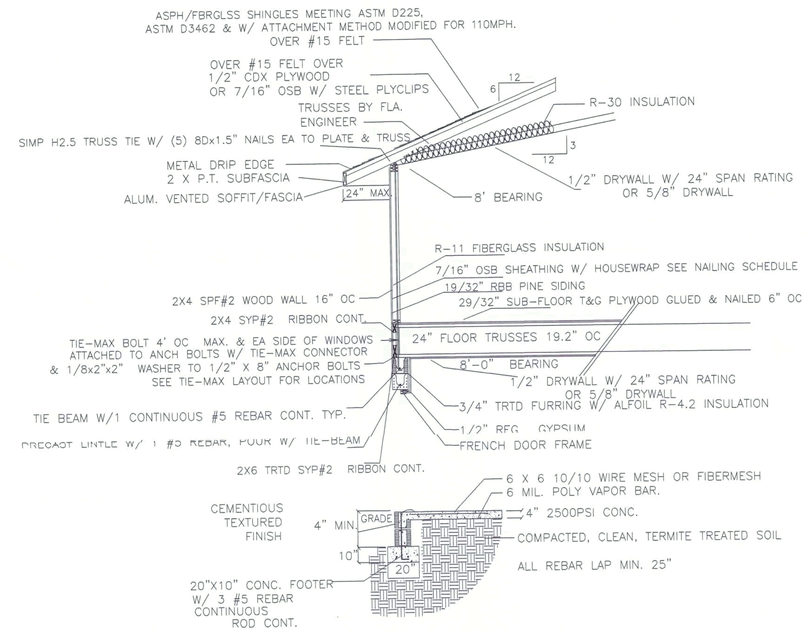
FLORIDA NUM. 31580

DATE:
11/17/2005

SHEET
6/11



2 STORY WALL SECTION @ WINDOW
N T S



TYP. 2 STORY WALL SECTION @ DOOR
N T S

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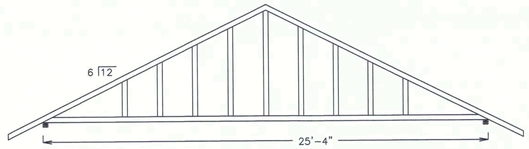
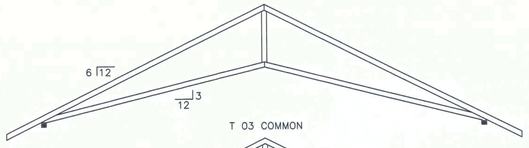
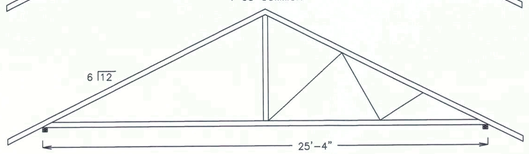
T 01 GABLE STUDDED

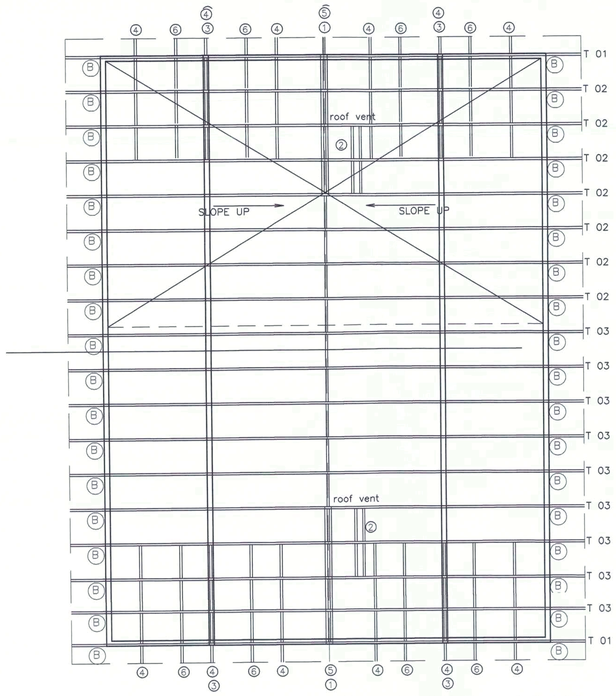


T 02 SCISSOR



T 03 COMMON





ROOF TRUSS & BLOCKING PLAN

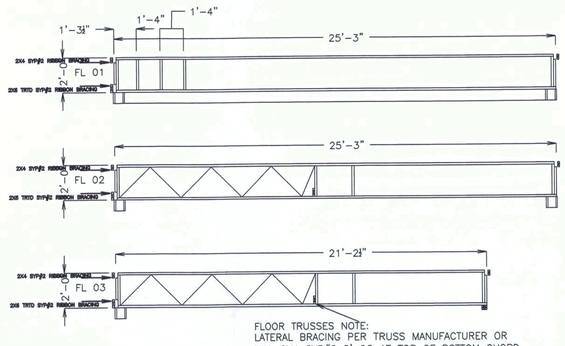
Scale 1/4" = 1'

NOTE: ALL BLOCKING BETWEEN TOP CHORD OF TRUSSES TO BE INSTALLED AT PLYWOOD JOINTS. ROOF DECK NAILED TO BLOCKS PER ROOF NAILING SCHEDULE.

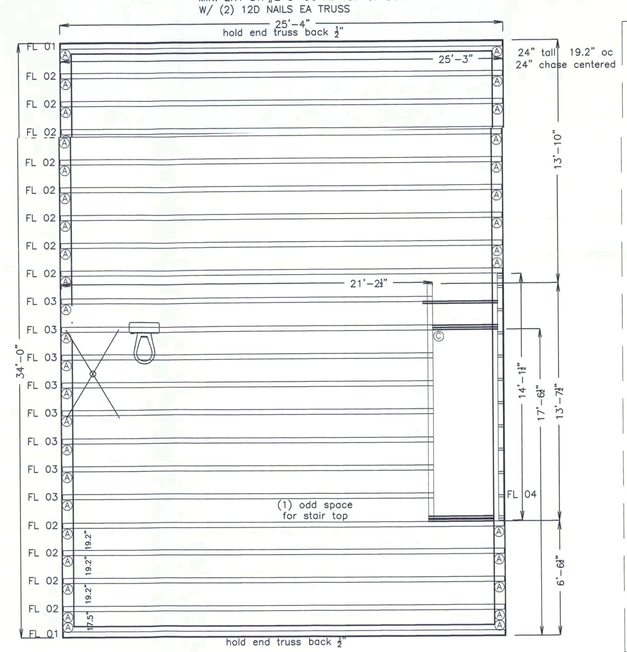
1. ALL HIP & MAIN RIDGES BLOCKED 2X4 SYP#2 CONT. NAILED W/ (3) 12D EA END MIN.
2. ALL ROOF PENETRATIONS FOR OFF RIDGE VENTS OR SKYLIGHTS TO BE BLOCKED 4 SIDES BLOCKING TO BE NAILED W/ (3) 12D NAILS EA END MIN.
3. 2X4 SYP#2 RATRUN 8' OC MAX. NAILED W/ 2) 12D NAILS EA TRUSS
4. 2X4 SYP#2 BLOCKING BETWEEN 1ST 4 TRUSSES 4' OC MAX. TOP CHORDS FROM SUB-FASCIA, UNDER PNL BREAKS, BLOCKING TO BE NAILED W/ (3) 12D NAILS EA END MIN.
5. 2X4 SYP#2 X BRACING BETWEEN 1ST 4 TRUSSES . NAILED W/ (3) 12D NAILS EA END. AT EACH GABLE END
6. 2X4 SYP#2 BLOCKING BETWEEN 1ST 4 TRUSSES 4' OC MAX. BOTTOM CHORDS FROM INSIDE OF WALL , ABOVE GYP. BREAKS, BLOCKING TO BE NAILED W/ (3) 12D NAILS EA END MIN.

VALLEY & ROOF BLOCKING NOTES

Scale 1/4" = 1'

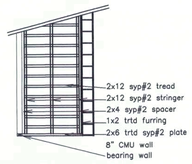


FLOOR TRUSSES NOTE:
LATERAL BRACING PER TRUSS MANUFACTURER OR MIN. 2X4 SYP#2 8' OC AT TOP OF BOTTOM CHORD W/ (2) 12D NAILS EA TRUSS



FLOOR TRUSS PLAN

Scale 1/4" = 1'

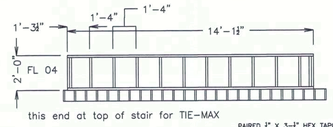


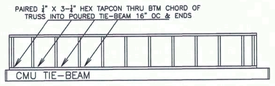
STAIR SECTION

Scale 1/4" = 1'

A

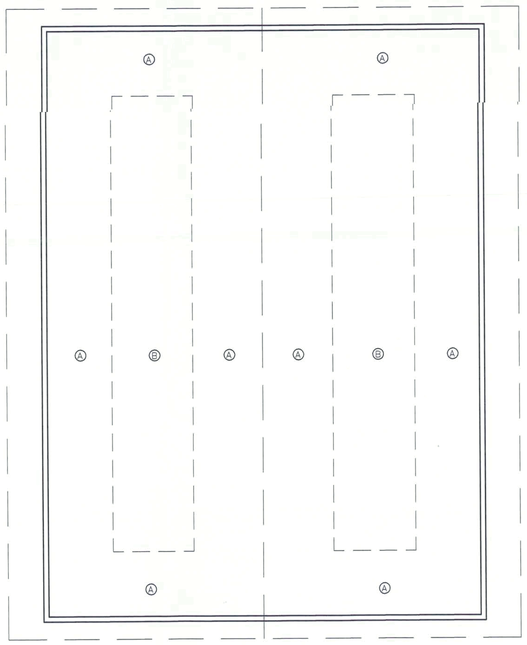
FASTENERS TABLE									
ID #	ALLOWABLE LOADS UPLIFT				FASTENER SCHEDULE			LATERAL (133/160)	
	MAKER	MODEL	(133)	(160)	ANCHOR	PLATE JOIST	BEAM/ TRUSS	F1(133/160)	F2(133/160)
A	SIMP	HETA20	1735	1735	4" CONC		16 10d-1.5"	335	730
B	SIMP	H2.5	415			(5)8d-1.5"	(5)8d-1.5"		
C	SIMP	THA413				6 10d-1.5"	6 10d		





GABLE FLOOR TRUSS ANCHORING

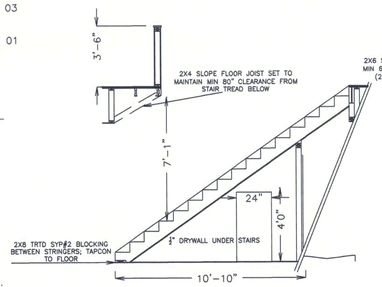
N.T.S.



A. DECKING 4' FROM WALL, RIDGE OR GABLE 4" OC EDGE AND 6" OC FIELD
B. ALL OTHER DECKING 6" OC EDGE AND 12" OC FIELD

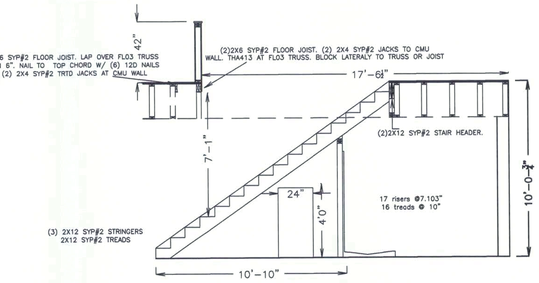
NAILS TO BE 8d SINKER / COMMON OR 7D RINGSHANK

ROOF DECK FASTENING SCHEDULE



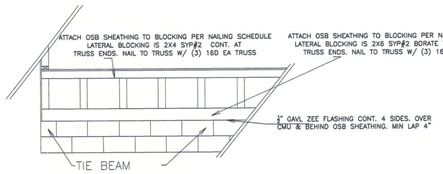
CONV. FRAMING AT STAIR

SCALE: 1/4" = 1'



SECTION THRU STAIR

SCALE: 1/4" = 1'



SHEATHING & TRUSS BLOCKING

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11-18-05

FLORIDA NUM. 31580

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KISSIMMEE, FL. 34742-0189
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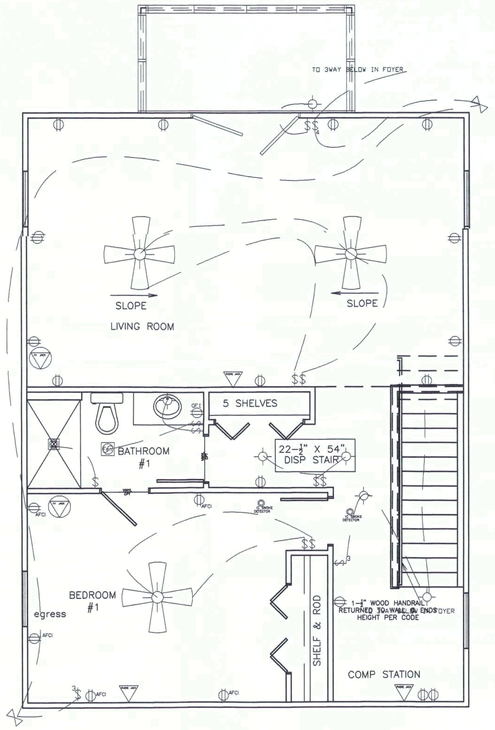
DATE:
11/17/2005

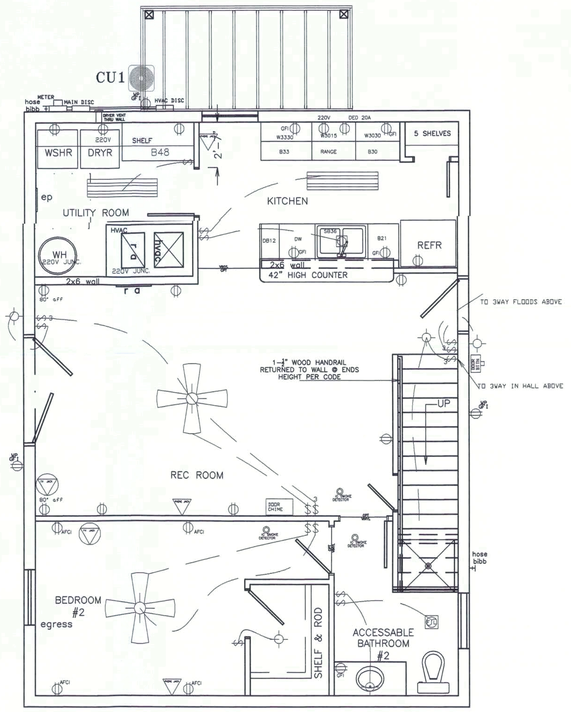
SHEET
8/11

LEGEND

- OUTLET
- ARC FAULT PROTECTED RECEPTICLE
- GFI OUTLET
- WPGFI OUTLET
- ELECTRIC LIGHT
- RECESSED LIGHT
- DAMP PROOF RECESSED LIGHT
- FLOODLIGHT
- EXHAUST FAN / LIGHT COMBO
- EXHAUST FAN
- 4' 2 BULB WRAP FLOUR LIGHT
- 220V CONNECTION
- SWITCH
- SWITCH 3WAY
- INTERCONNECTED SMOKE DETECTOR
- CEILING FAN/LIGHT
- TELEPHONE
- TELEVISION
- DOOR CHIME
- DOOR CHIME BUTTON

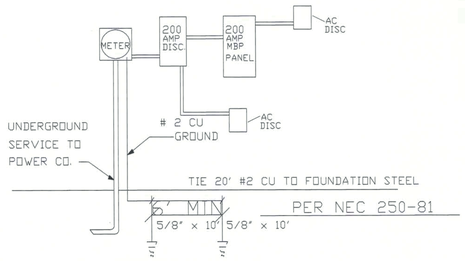
ALL BEDROOM RECEPTICLES TO BE ARC FAULT PROTECTED





ELECTRICAL NOTES

1) ALL WORK SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS – INCLUDING OBTAINING NECESSARY PERMITS.
2) ELECTRICAL CONTRACTOR SHALL FURNISH A LOAD CALCULATION AS REQUIRED BY THE ELECTRIC UTILITY COMPANY AN/OR THE BUILDING DEPARTMENT.
3) TWO (2) 5/8 INCH DIAMETER, TEN (10) FEET LONG GROUND SIX (6) FEET APART SHALL BE PROVIDED AT THE SERVICE TO THE BUILDING PER THE NEC AND LOCAL ELECTRIC CODES AND ORDINANCES.
4) COORDINATE HEIGHT AND LOCATION OF ALL EXTERIOR OUTLETS, SWITCHES, AND OTHER FIXTURES SO THAT THE ENTIRE FIXTURE OR COVER PLATE FITS FLUSH WITH THE OUTSIDE WALL.
5) ELECTRICAL CONTRACTOR TO VERIFY THE SIZES OF ALL WIRES, BREAKERS, SWITCHES, MOTORS AND EQUIPMENT TO BE INSTALLED PRIOR TO BEGINNING WORK.
6) ELECTRICAL CONTRACTOR SHALL INSTALL THE UNDERGROUND OR ACCESS FOR OVERHEAD SERVICE AS REQUIRED TO CONNECT TO THE UTILITY SUPPLIER.
7) COST OF TRANSFORMER OR CONNECTION FEES ARE TO BE PAID BY THE OWNER.



ELECTRICAL RISER

ELECTRICAL PLANS

Scale 1/4" = 1'

PRINT LOG

REVISION LOG

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11/17/2005

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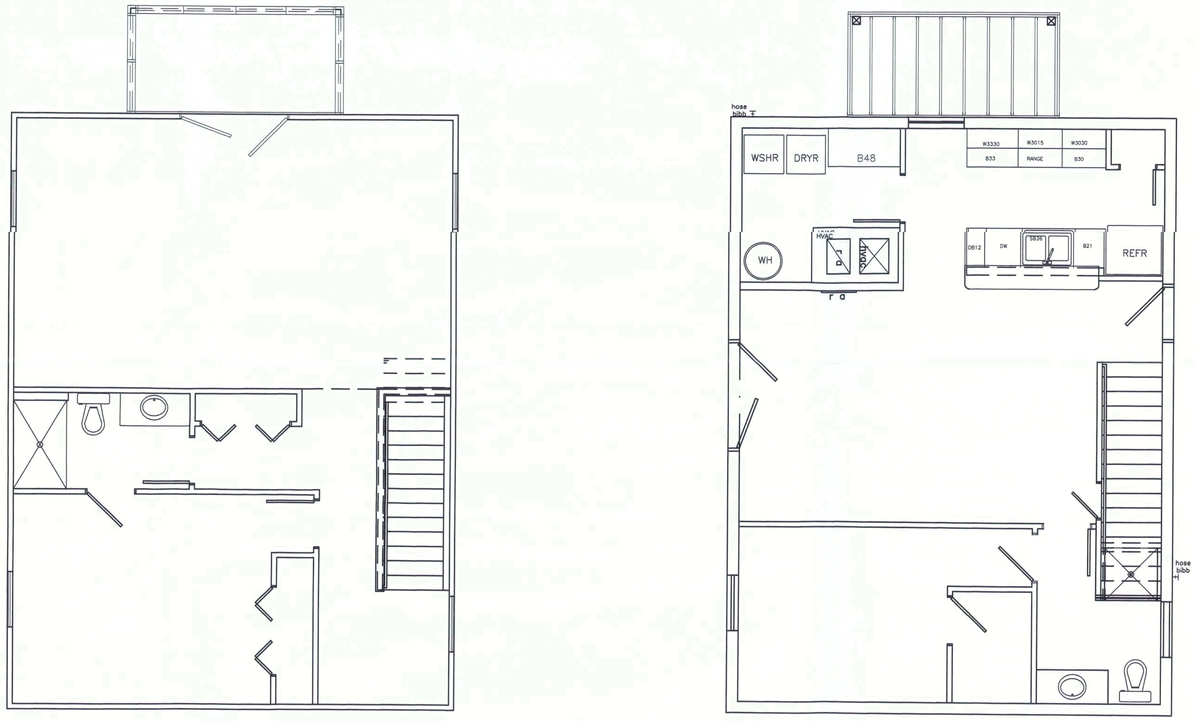

PLUMBING PLAN

SCALE: 1/4" = 1'

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DATE:
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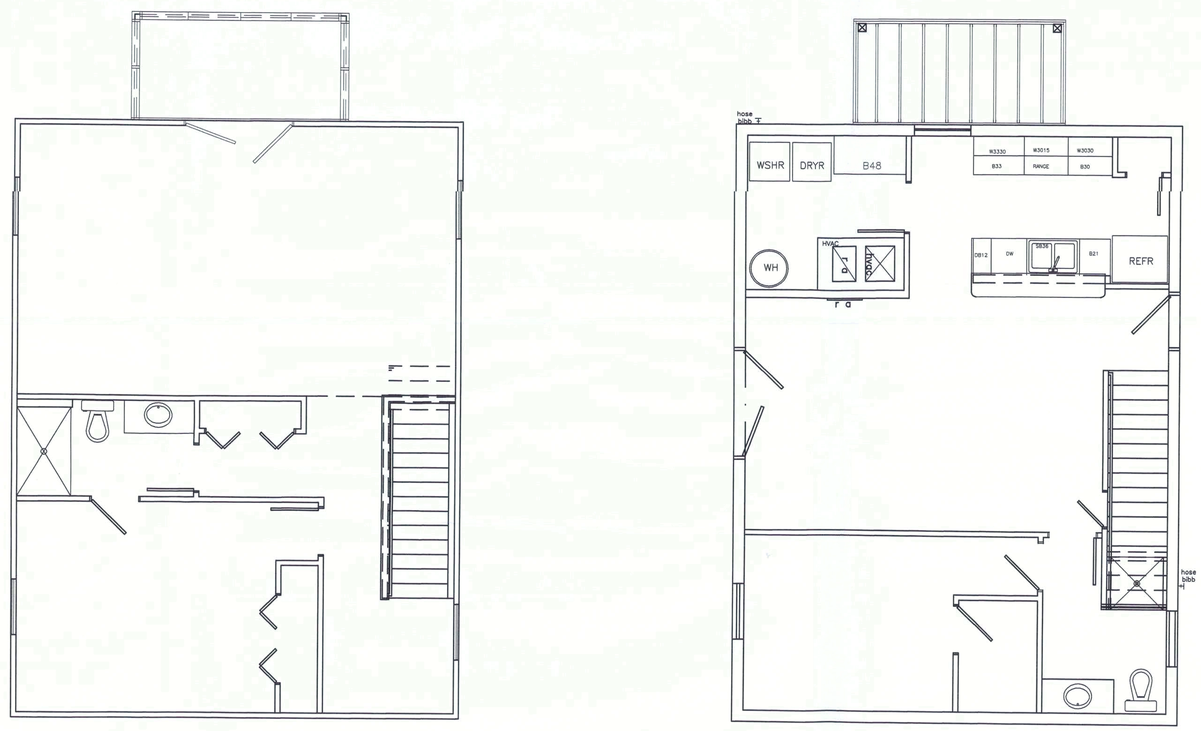

MECHANICAL PLAN

SCALE: 1/4" = 1'

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