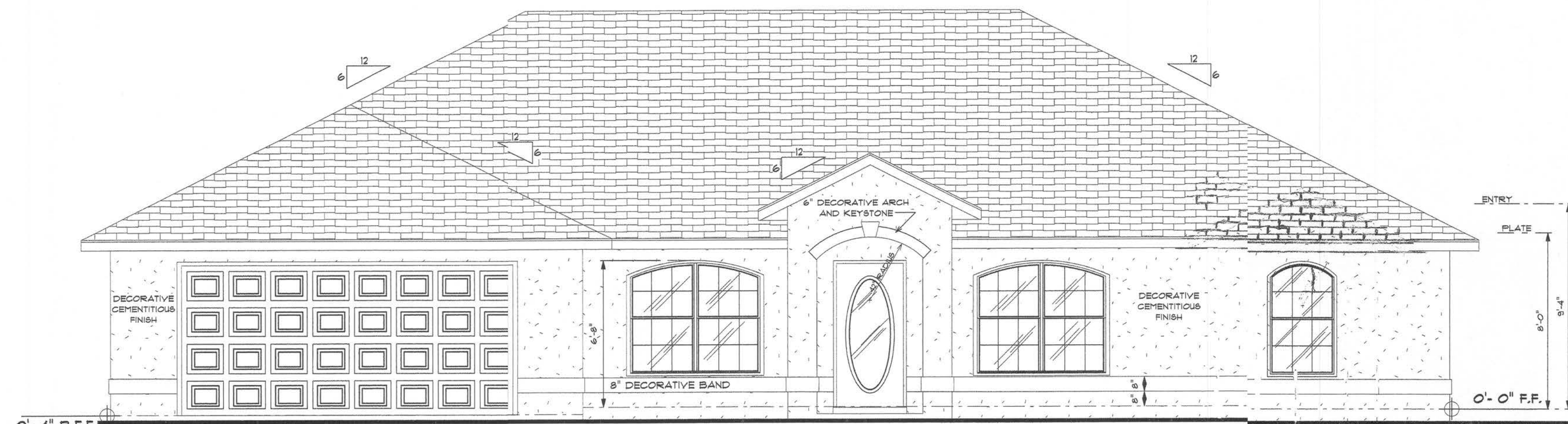




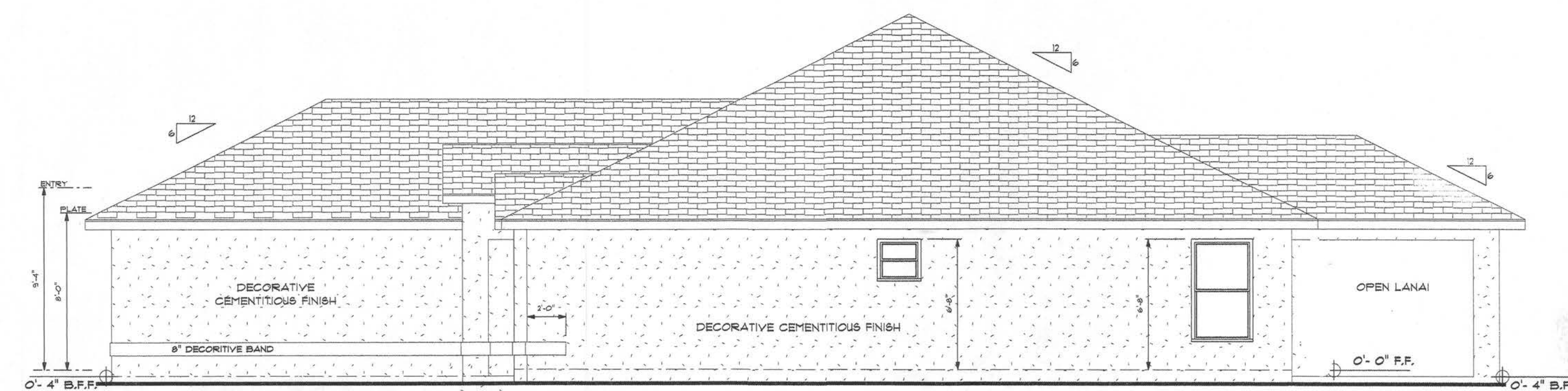
FRONT ELEVATION
SCALE: 1/4"=1'-0"



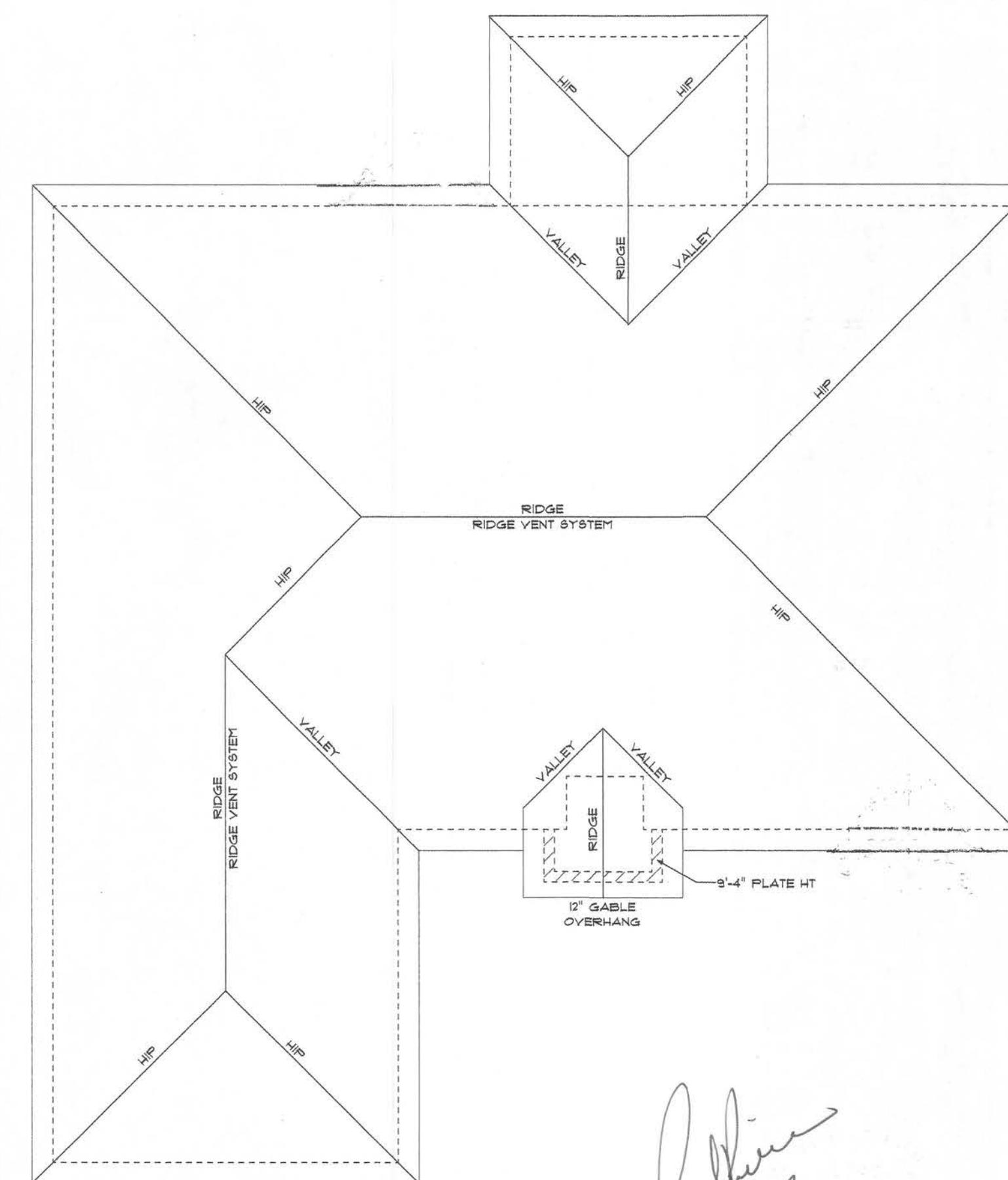
LEFT SIDE ELEVATION
SCALE: 3/16"=1'-0"



REAR ELEVATION
SCALE: 3/16"=1'-0"



RIGHT SIDE ELEVATION
SCALE: 3/16"=1'-0"



ROOF BIRDSEYE VIEW
SCALE: 1/8"=1'-0"

Paul D. Riddle
8-31-07

PAUL D. RIDDLE, P.E.
NO. 35596, FLORIDA
RIDDLE CONSULTING ENGINEERS, INC.
1720 S.E. County Highway 484
Belleview, FL 34420
(352) 245-7041 Fax (352) 245-5488
Certificate of Authorization 00004759

TRIPLE CROWN HOMES, INC.

ENGINEER'S NOTES:

1. BASIC WIND SPEED (3 SECOND GUST) = 110 MPH
2. WIND IMPORTANCE FACTOR = 1.0
3. WIND EXPOSURE = "C" ENCLOSED
4. INTERNAL PRESSURE COEFFICIENT GCp1 = +0.25, -0.25
5. ROOF LIVE LOAD = 20 PSF, DEAD LOAD = 11 PSF
6. ASSUMED SOIL BEARING CAPACITY = 2,000 PSF
7. FLORIDA BUILDING CODE 2004 & 2006 REVISIONS

DESIGNED WIND PRESSURES
(COMPONENTS AND CLADDING)

110 MPH
0-10 SQ FT = +21.8, -29.1
10-20 SQ FT = +20.8, -27.2
20-50 SQ FT = +19.5, -24.5
50-100 SQ FT = +18.5, -22.6

PAUL D. RIDDLE, P.E.
CERTIFICATE OF AUTHORIZATION 00004759

THESE DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF TRIPLE CROWN HOMES AND THEY MAY NOT BE DUPLICATED OR REPRODUCED IN ANY WAY AND ARE INTENDED FOR THE SOLE PURPOSE AND USE OF CONSTRUCTION BY TRIPLE CROWN HOMES

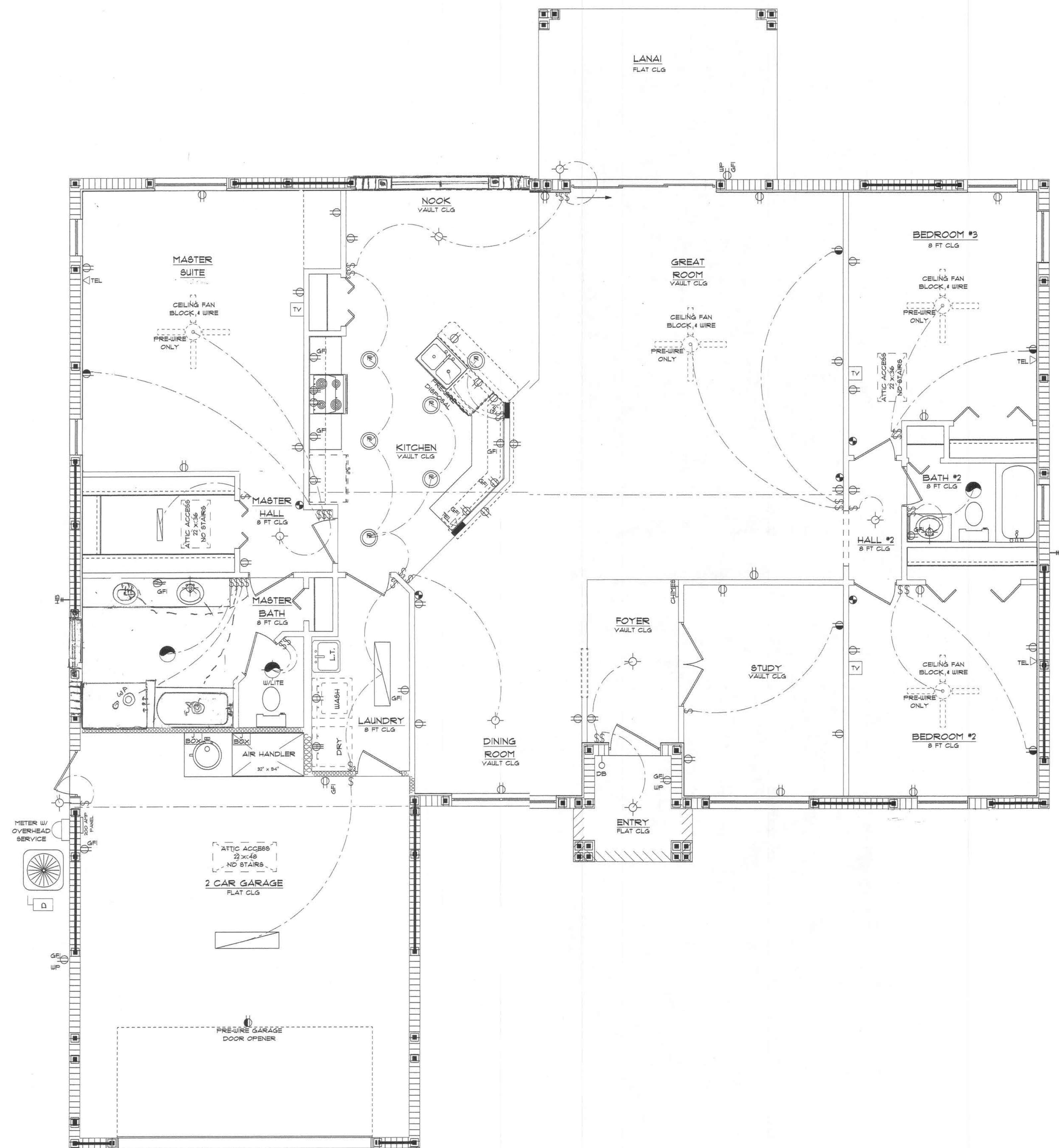
MR. & MRS. DAVIS

ELEVATIONS

FINAL

APPROVED _____ DATE _____
NAME _____
NAME _____ DATE _____
APPROVED AS NOTED _____ DATE _____
NAME _____ DATE _____

Base Plan
ST. JAMES
Scale
AS INDICATED
Last Plot Date
August 07, 2007
Page:
1 of 6



ELECTRICAL LEGEND

FLOOD LIGHTS

WATER PROOF LIGHT

EXHAUST FAN/LIGHT
50 CFM

EXHAUST FAN
50 CFM

CEILING MOUNT LIGHT

RECESSED LIGHT

RECESSED EYEBALL LIGHT

WALL MOUNT LIGHT

SMOKE DETECTOR

FLUORESCENT LIGHT

SWITCH

3 WAY SWITCH

4 WAY SWITCH

DIMMER SWITCH

110V OUTLET

110V SPLIT OUTLET

220V OUTLET

110V GFI OUTLET

110V WATER PROOF GFI OUTLET

FLOOR OUTLET

T.V. CABLE OUTLET

TELEPHONE OUTLET

JUNCTION BOX

ELECTRICAL PANEL

CEILING FAN PRE-WIRE

CEILING FAN
BLOCK & PRE-WIRE

NOTE: ALL BEDROOMS TO
INCLUDE ACR'S AT
EACH OUTLET

- PROJECT NOTES**
- 8" CMU BLOCK WALLS TO 8 FT PLATE
 - INTERIOR WALLS WOOD STUDS
 - PEX PIPES FOR ALL HOT AND COLD WATERLINES
 - ALL APPLIANCES TO BE ELECTRIC
 - ORANGE PEEL FINISH WALLS
 - KNOCK DOWN FINISH CEILING
 - ROCKER SWITCHES
 - 2 1/4" CASING AND 3 1/2" BASEBOARDS
 - PAINT GRADE
 - TILE UNDERLYMENT TO BE INCLUDED IN ALL TILED AREAS

WALL TYPE LEGEND

	FRAMED WALL
	FRAMED WALL - BEARING
	FRAMED WALL - INSULATED
	FRAMED WALL - 42" HIGH BARTOP
	8" BLOCK - GARAGE
	8" BLOCK - w/drywall

FINAL

APPROVED

NAME _____ DATE _____

NAME _____ DATE _____

APPROVED AS NOTED

NAME _____ DATE _____

NAME _____ DATE _____

REMARKS

DATE	BY	DWG	CHECKD

MR. & MRS. DAVIS

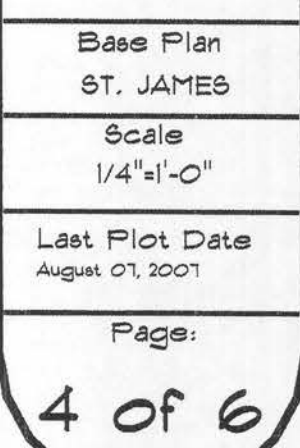
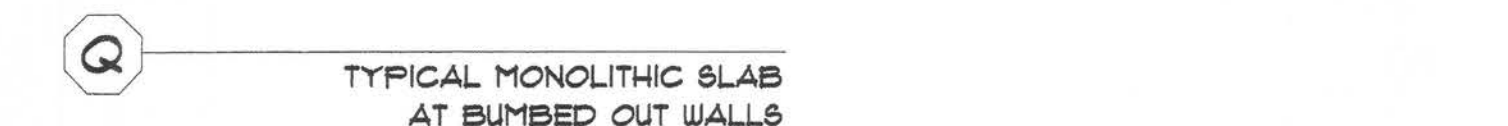
ELECTRICAL PLAN

Base Plan
ST. JAMES

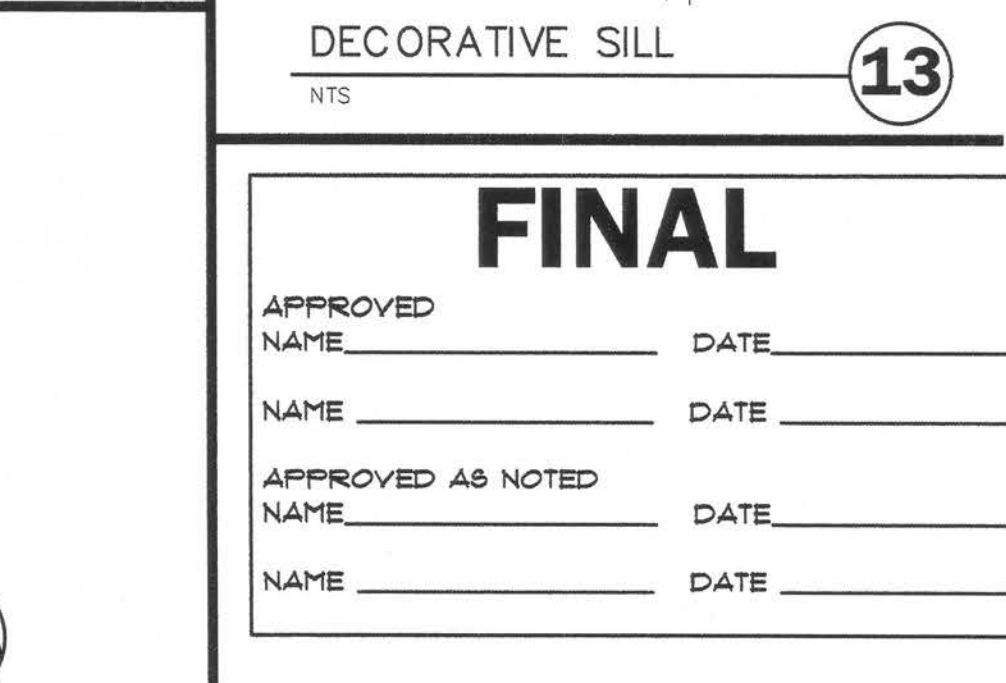
Scale
1/4"=1'-0"

Last Plot Date
August 07, 2007

Page:
3 of 6



DATE	BY	DWG	CHK'D	REMARKS
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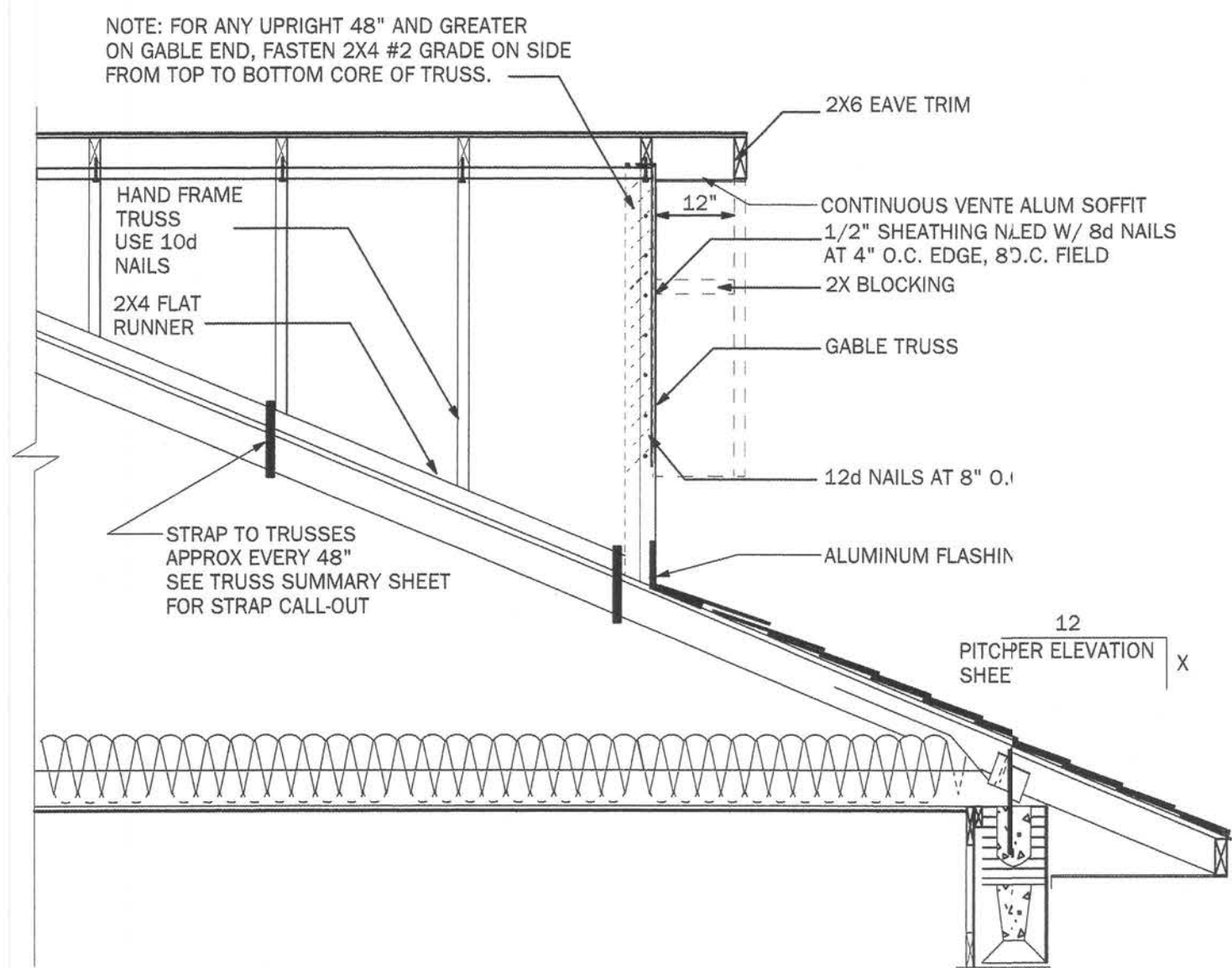
Base Plan
ST. JAMES

Scale
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Last Plot Date
August 07, 2007

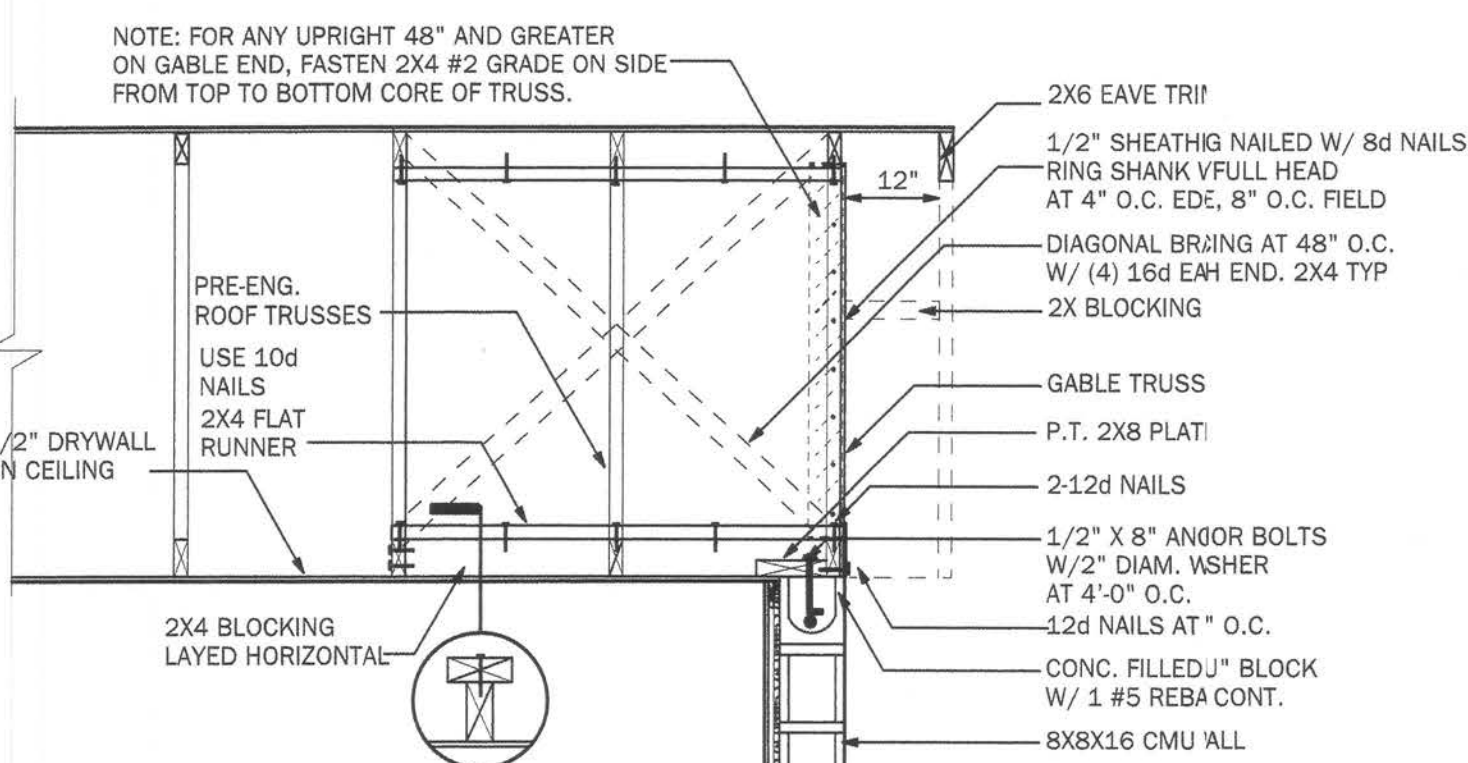
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5 of 6

DETAILS



TYPICAL INACTIVE DORMER

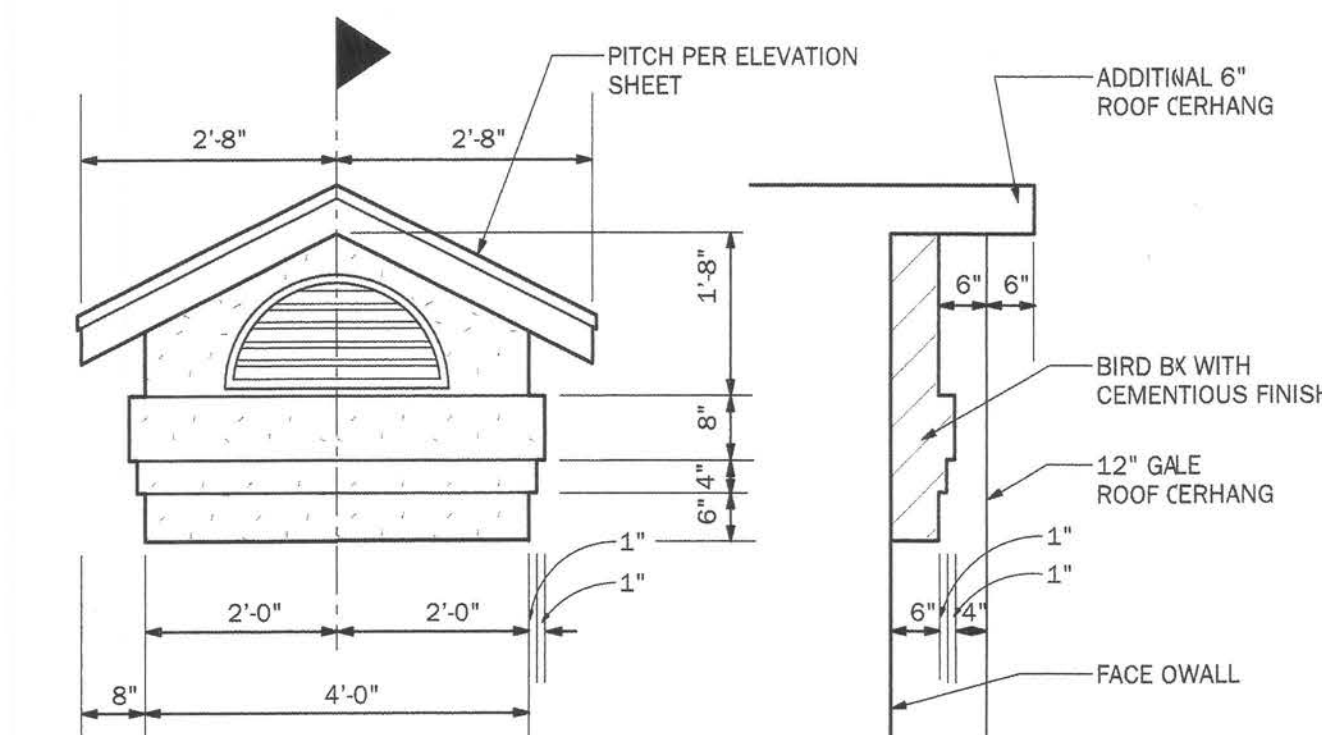
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GABLE END BLOCKING

16

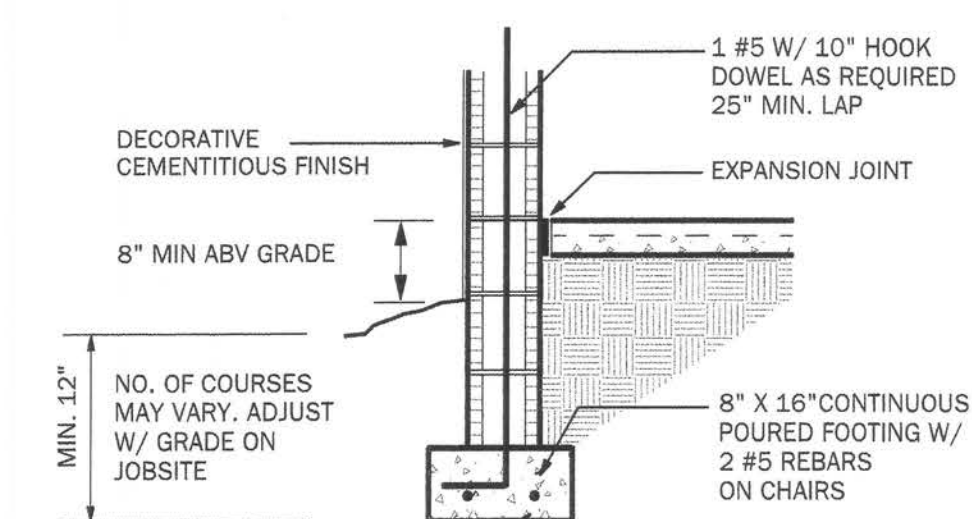
*NOTE: ALL WOOD TO BE NUMBER 2 GRADE



GABLE BIRD BOX

17

NTS



TYPICAL STRIP FOOTING WITH STEM WALL

18

NTS

NOTES

ASPHALT ROOF SHINGLES:
PER FBC R905.2 ASPHALT SHINGLES
ASPHALT SHINGLES SHALL HAVE SELF-SEAL STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D 225 OR D 3462

SECURE WITH NO LESS THAN (6) FASTENERS PER STRIP SHINGLE OR (2) FASTENERS PER INDIVIDUAL SHINGLE ATTACHMENT SHALL CONFORM WITH ASTM D 3161.

FASTENERS SHALL BE GALVANIZED STEEL, STAINLESS STEEL, ALUMINUM OR COPPER MIN 12 GAUGE SHANK MIN 3/8" d HEAD W/ 3/4" PENETRATION INTO ROOF SHEATHING. NAILING PATTERN SHALL BE 6" O.C. AT EDGES AND INTERMEDIATE, 4" O.C. AT COMPONENT AND CLADDING EDGE STRIP #3.

UNDERLAYMENT UNLESS OTHERWISE NOTED IS REQUIRED TO CONFORM WITH ASTM D 226 OR 4869 TYPE I OR TYPE II. SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET SHALL COMPLY WITH ASTM Dp 1970

VALLEY LINING SHALL COMPLY WITH ASTM D 224 TYPE II OR TYPE III AND BE AT LEAST 36" WIDE. SPECIALTY UNDERLAYMENT COMPLYING WITH ASTM D 1970 MAY BE USED IN LIEU OF THE LINING MATERIAL.

CRICKETS AND SADDLES SHALL BE INSTALLED ON THE RIDGE SIDE OF ANY CHIMNEY GREATER THAN 30" WIDE. COVERED IN SHEET METAL OR OF THE SAME MATERIAL AS THE ROOF COVERING.

SIDEWALL FLASHING AGAINST VERTICAL SIDEWALL SHALL BE BY THE STEP FLASHING METHOD.

BASE AND COUNTER FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURE'S INSTALLATION INSTRUCTIONS OR A CONTINUOUS METAL "L" FLASHING SHALL BE SET IN THE APPROVED FLASHING CEMENT AND SET FLUSH TO BASE OF WALL AND OVER THE UNDERLAMENT. BOTH HORIZONTAL AND VERTICAL METAL FLASHES SHALL BE FASTENED 6" (152mm) ON CENTER WITH APPROVED FASTENERS. ALL LAPS SHALL BE A MINIMUM OF 4" (102 mm) FULLY SEALED IN APPROVED FLASHING CEMENT. FLASHING SHALL START AT THE LOWER PORTION OF ROOF TO ENSURE WATER-SHEDDING CAPABILITIES OF ALL METAL LAPS. THE ENTIRE EDGE OF THE HORIZONTAL FLANGE SHALL BE SEALED COVERING ALL NAIL PENETRATIONS WITH APPROVED FLASHING CEMENT AND MEMBRANE. SHINGLES SHALL OVERLAP THE HORIZONTAL FLANGE AND SHALL BE SET IN APPROVED FLASHING CEMENT.

BASE FLASHING SHALL BE OF EITHER CORROSION-RESISTANT METAL PROVIDED IN SECTION R905.2.8 OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 POUNDS PER 100 SQUARE FEET (3.76 kg/m²). COUNTER FLASHING SHALL BE CORROSION-RESISTANT METAL WITH A MINIMUM THICKNESS PROVIDED IN TABLE R903.1.

VALLEY FLASHING: ROOF FLASHING SHALL BE NOT LESS THAN No.26 GAUGE (0.019 INCHES (0.48mm)) CORROSION-RESISTANT SHEET METAL AND SHALL EXTEND 10" (254mm) FROM THE CENTERLINE EACH WAY FOR ROOFS HAVING SLOPES LESS THAN 12 UNITS VERTICAL IN 12 UNITS HORIZONTAL (100 % SLOPE), AND 7" (178mm) FROM CENTERLINE EACH WAY FOR SLOPES OF 12 UNITS VERTICAL IN 12 UNITS HORIZONTAL AND GREATER. SECTIONS OF FLASHING SHALL HAVE AN END LAP OF NOT LESS THAN 4" (102mm).

ROOF PITCH: PER ELEVATION SHEET 1 of 6 OVERHANG 1'-4" TYPICAL, OR AS INDICATED 15/32" OSB ROOF SHEATHING U.N.O. FIBERGLASS SHINGLES

REVISION 12/2006

EXTERIOR DOOR FASTENING:
MFG CASTLEGATE & EVERGREEN
INSULATED STEEL EXTERIOR SWING DOORS
DOOR SYSTEM IS TO BE ANCHORED DIRECTLY TO MASONRY, WITH A NON-STRUCTURAL ONE BY WOOD BUCK.

SEE MANUFACTURER NOTES C & 3 AND FASTEN AS FOLLOWS:

USE 3/16 PPH TAPCON SCREWS THRU A NON-STRUCTURAL ONE BY WOOD BUCK WITH 1 1/2" MIN EMBEDMENT INTO MASONRY.

NUMBER OF SCREWS TO FOLLOW SAME SPACING AS PER MANUFACTURER SPECIFICATIONS.

REVISION 01/2006

EXTERIOR WALL COVERING:
FBC 2004 R703.2.1 RESIDENTIAL SECTIONS
WHERE CEMENT PLASTER (CEMENTITIOUS FINISH) IS TO BE APPLIED TO LATH OVER FRAME CONSTRUCTION, MEASURES SHALL BE TAKEN TO PREVENT BONDING BETWEEN THE CEMENT PLASTER AND THE WATER RESISTIVE BARRIER. A BOND BREAK SHALL BE PROVIDED BETWEEN THE WATER RESISTIVE BARRIER AND THE CEMENT PLASTER (CEMENTITIOUS FINISH) CONSISTING OF ONE OF THE FOLLOWING:

- ONE LAYER OF AN APPROVED WATER RESISTANT BARRIER OVER AN APPROVED PLASTIC HOUSE WRAP, OR
- ONE LAYER OF AN APPROVED WATER RESISTANT BARRIER OVER AN APPROVED PLASTIC HOUSE WRAP, OR
- ONE APPROVED METHODS OR MATERIALS APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

REVISION 04/2006

SIDING AND ACCESSORIES SHALL BE INSTALLED IN ACCORDANCE WITH APPROVED MANUFACTURER'S INSTRUCTIONS. UNLESS OTHERWISE SPECIFIED IN THE APPROVED MANUFACTURER'S INSTRUCTIONS, NAILS USED TO FASTEN THE SIDING AND ACCESSORIES SHALL HAVE A MINIMUM 0.313-INCH (7.9 MM) HEAD DIAMETER AND 0.125-INCH (3.18 MM) SHANK DIAMETER. THE NAILS SHALL BE CORROSION RESISTANT AND SHALL BE LONG ENOUGH TO PENETRATE THE STUDS OR NAILING STRIP AT LEAST 0.75 INCH (19 MM), WHERE THE SIDING IS INSTALLED HORIZONTALLY. THE FASTENER SPACING SHALL NOT EXCEED 16 INCHES (406 MM) HORIZONTALLY AND 12 INCHES (305 MM) VERTICALLY. WHERE THE SIDING IS INSTALLED VERTICALLY, THE FASTENER SPACING SHALL NOT EXCEED 12 INCHES (305 MM) HORIZONTALLY AND 12 INCHES (305 MM) VERTICALLY.

REVISION 04/2007

MASONRY MATERIALS, LINTELS AND STEEL:
GENERAL NOTES
CODES:
FBC 2004 RESIDENTIAL SECTIONS R402.2 AND R606
FBC 2004 BUILDING, SECTIONS 1901.2 AND 2107
BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-02)
AMERICAN SOCIETY OF CIVIL ENGINEERS MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE 7-98)

CONCRETE:
CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS:
PRE-CAST WITH STANDARD REINFORCEMENT - 4000 PSI
PRE-CAST WITH PRESTRESSED REINFORCEMENT - 6000 PSI
GROUT PER ASTM C476 - 3000 PSI WITH MAX 3/8" AGGREGATE 8" TO 11" SLUMP

REINFORCING BARS:
STEEL PLACED IN PRECAST LINTEL AT TIME OF FABRICATION ASTM A615 (GRADE 60)
STEEL IN LINTEL AND KNOCKOUT BLOCK (PLACED IN FIELD) ASTM A615 (GRADE 40)
PRESTRESS STRANDS ASTM A416 7 WIRE STRESS RELIEVED 270 KSI
DETAIL REINFORCEMENT IN ACCORDANCE WITH ACI 315
CONCRETE OPERATIONS SHALL COMPLY WITH ACI STANDARDS

MASONRY:
DESIGN AND CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF THE NATIONAL CONCRETE MASONRY ASSOCIATION AND ACI 530-02
MINIMUM MASONRY UNIT STRENGTH FM 1500 PSI
MORTAR SHALL BE TYPE "S"

STRUCTURAL:
SAFE LOAD VALUES ARE BASED ON LINTELS HAVING A BEARING OF 8" WITH A MINIMUM ACCEPTABLE BEARING OF 4" PER FBC 2004 BUILDING SECTION 2104.1.5

REVISION 01/2006

INTERIOR GARAGE WALL COVERING:
GENERAL NOTES
CODES:
FBC 2004 RESIDENTIAL SECTIONS R309.2

THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN 1/2 INCH (12.7 MM) GYPSUM BOARD APPLIED TO THE GARAGE SIDE.

REVISION 04/2006

INTERIOR CEILING COVERING:
GENERAL NOTES
CODES:
FBC 2004 RESIDENTIAL SECTIONS R702.3.5

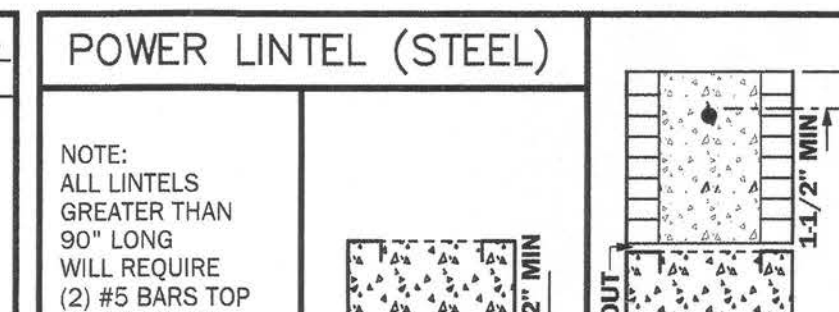
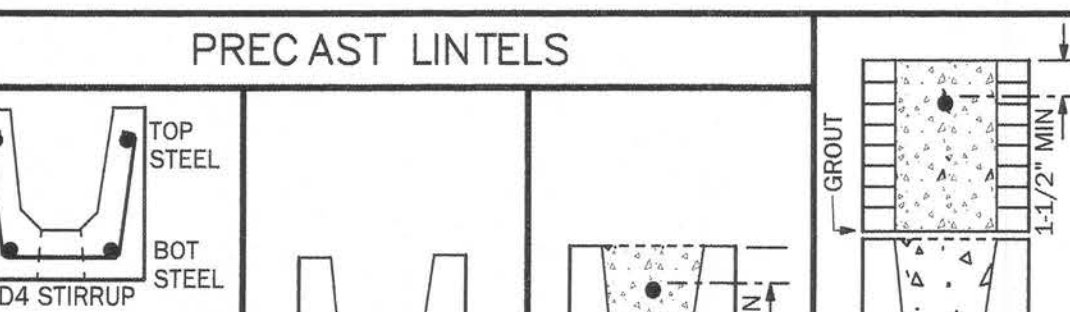
WHEN APPLYING WATER BASED TEXTURE MATERIAL TO CEILING GYPSUM BOARD INSTALLED ON SUPPORTS SPACED AT TWENTY-FOUR INCHES ON CENTER. THE GYPSUM BOARD IS TO BE A MINIMUM OF FIVE-EIGHTHS INCHES IN THICKNESS OR ONE-HALF INCH SAG-RESISTANT CEILING BOARD.

REVISION 04/2006

SCHEDULES

IBP GLASS BLOCK GRID SYSTEM (MASONRY R.O.)

MODEL NUMBER	WINDOW WIDTH									
	ACTUAL SIZE									
	ROUGH OPENING									
	9	17	25	33	41	49	57	65	73	80
	10 7/16	18 5/16	26 1/4	34 1/8	42	49 15/16	57 13/16	65 11/16	73 5/8	81 1/2
	12 3/16	20 1/16	28	35 7/8	43 3/4	51 11/16	59 9/16	67 7/16	75 3/8	83 1/4
9	10 7/16	12 3/16	1	2	3	4	5	6	7	8
17	18 5/16	20 1/16	2	4	6	8	10	12	14	16
25	26 1/4	28	3	6	9	12	15	18	21	24
33	34 1/8	35 7/8	4	8	12	16	20	24	28	32
41	42	43 3/4	5	10	15	20	25	30	35	40
49	49 15/16	51 11/16	6	12	18	24	30	36	42	48
57	57 13/16	59 9/16	7	14	21	28	35	42	49	56
65	65 11/16	67 7/16	8	16	24	32	40	48	56	64
73	73 5/8	75 3/8	9	18	27	36	45	54	63	72
80	81 1/2	83 1/4	10	20	30	40	50	60	70	80



NO.	LENGTH	SEC	EMPTY		8x8 FILLED		8x16 FILLED	
			GRAVITY	UPLIFT	GRAVITY	UPLIFT	GRAVITY	UPLIFT
A	2'-10"	A	6087	-	8574	9766	10000	10000
B	3'-6"	A	2628	-	4109	4860	10000	10000
C	4'-0"	A	1838	-	2947	3417	10000	10000
D	4'-6"	A	1411	-	2294	2630	10000	7549
E	4'-8"	A	1309	-	2134	2442	10000	6927
F	5'-4"	A	1014	-	1699	1896	6496	5070
G	5'-10"	B	855	-	1477	1622	5155	4123
H	6'-4"	B	746	-	1292	1393	4210	3415
J	6'-6"	B	715	-	1240	1312	3967	3218
K	6'-8"	B	687	-	1192	1238	3750	3038
L	7'-6"	C	566	-	1013	945	2964	2325
M	7'-8"	C	547	-	980	899	2840	2213
N	8'-0"	C	514	-	921	815	2620	2010
P	8'-4"	C	485	-	868	742	2431	1832
Q	9'-4"	C	413	-	740	572	1996	1418
R	10'-6"	C	351	-	630	435	1647	1085
S	11'-4"	C	317	-	568	364	1462	911
T	12'-0"	C	293	-	526	318	1341	799
U	12'-6"	C	278	-	499	288	1261	727
V	13'-4"	C	255	-	458	246	1147	625
W	14'-0"	C	240	-	430	218	1069	557

NO.	LENGTH	8x8 FILLED		8x16 FILLED	
		GRAVITY	UPLIFT	GRAVITY	UPLIFT
AS	2'-10"	7229	5963	10831	9886
BS	3'-6"	4986	4140	7463	6866
CS	4'-0"	4040	3370	6041	5592
DS	4'-6"	3392	2844	5069	4720
ES	5'-4"	2673	2259	3989	3751
FS	5'-10"	2369	2012	3533	3342
GS	6'-6"	2056	1757	3062	2920
HS	7'-6"	1524	1478	2547	2458
JS	8'-4"	1170	1306	2230	2173
KS	9'-4"	881	1030	1675	1774
LS	10'-6"	657	793	1396	1368
MS	11'-4"	542	673	1526	1161
NS	12'-6"	423	546	1354	945
PS	13'-4"	358	478	1252	827
QS	14'-0"	315	433	1169	750
RS	14'-8"	279	394	1044	683
SS	15'-4"	247	361	936	626
TS	17'-4"	175	285	689	496
US	19'-4"	157	282	519	429
VS	20'-0"	142	265	474	363
WS	22'-0"	104	223	365	-
XS	24'-0"	76	191	284	381

NO.	DOOR	RECESS	TOTAL LENGTH	NO.	8x8 FILLED		8x16 FILLED	
					GRAVITY	UPLIFT	GRAVITY	UPLIFT
					1962	1879	9287	8519
JJ	2'-8"	3'-0"	4'-0"	A	1679	1610	7664	7030
KK	3'-0"	3'-4"	4'-4"	A	1466	1407	6430	5897
LL	3'-4"	4'-4"	4'-8"	A	1039	1019	4217	3752
MM	4'-4"	5'-4"	5'-8"	B	811	789	2941	2587
NN	5'-4"	6'-4"	6'-8"	B	650	571	2234	1884
PP	6'-4"	7'-4"	7'-8"	C	473	334	1513	1116
QQ	8'-4"	9'-4"	9'-8"	C				

MAXIMUM UNIFORM LOAD TABLE

PRECAST CONCRETE LINTEL LOAD TABLES FOR MARION MASONRY MATERIALS ALSO DISTRIBUTOR OF WEKIVA CONCRETE PRODUCTS CIVIL AND STRUCTURAL ENGINEERING, (SAMUEL GREENBERG P.E. F1 Reg #34245)
MEETS FLORIDA BUILDING CODE 2004 SECTIONS 1901.1.2 & 2103.1
SAFE LOAD VALUES ARE BASED ON LINTELS HAVING A BEARING OF 8" (WITH A MINIMUM ACCEPTABLE BEARING OF 4" PER SECTION 2101.2.1 OF THE FLORIDA BUILDING CODE 2004

POWERS STEEL INC. MEET THE FOLLOWING CODES. FLORIDA PRODUCT APPROVAL NUMBER FL2700 POWER BOX FLORIDA PRODUCT APPROVAL FL3119 L2 STANDARD BUILDING CODE (1999 EDITION) AND THE FLORIDA BUILDING CODE.

MAXIMUM LOADS (IN POUNDS PER LINEAR FOOT) WERE COMPUTED USING THE STRENGTH ANALYSIS METHOD CONFORMING TO ADI 318-95 AND ACI 530-95

REVISION 01/20/2006

WINDOW SCHEDULE

MFG: BETTER BILT
TYPE: ALUMINUM

BLOCK WALLS

36/36	107 x 72 1/4
35/35	107 x 63
34/34	107 x 50 5/8
33/33	107 x 38 3/8
32/32	107 x 26

WOOD FRAME WALLS

4060/4060	95 3/4 x 72 1/2
4050/4050	95 3/4 x 60 1/2
4044/4044	95 3/4 x 52 1/2
4030/4030	95 3/4 x 36 1/2
4024/4024	95 3/4 x 28 1/2

H36/H36	54 x 72 1/4
H35/H35	54 x 63
H34/H34	54 x 50 5/8
H33/H33	54 x 38 3/8
H32/H32	54 x 26

2060/2060	47 3/4 x 72 1/2
2050/2050	47 3/4 x 60 1/2
2044/2044	47 3/4 x 52 1/2
2030/2030	47 3/4 x 36 1/2
2024/2024	47 3/4 x 28 1/2

36	53 7/8 x 72 1/4
35	53 7/8 x 63
345	53 7/8 x 50 5/8
34	53 7/8 x 38 3/8
32	53 7/8 x 26

4060	48 1/
------	-------