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www.needplans.com

Contractor:  
Upland Homes  
1169 US27 S.  
Sebring, Fl. 33870  
863-385-5343

Project:  
New Wave Model



# NEW WAVE MODEL

## SCHEDULE OF DRAWINGS

ARCHITECTURAL	A1.00	Title Sheet	STRUCTURAL	S1.00	Foundation Plan
	A2.00	Exterior Elevations		S1.00	Steel Placement Plan
	A3.00	Floor Plan		S2.00	Truss Framing Plan
	A4.00	Furniture Plan		S3.00	Structural Details
	A5.00	Section Views	CIVIL	C1.00	Site Plan
ELECTRICAL	E1.00	Electrical Layout			

GENERAL NOTES:	DESIGN PARAMETERS:	
<p>THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2010 FLORIDA BUILDING CODE, THE 2010 FLORIDA BUILDING CODE AMENDMENTS AND ASCE 7-10.</p> <p>THE BUILDING (INCLUDING ALL COMPONENTS AND CLADDINGS) SHALL BE DESIGNED FOR THE FOLLOWING SUPERIMPOSED LOADS.</p> <p>FLOORS: LIVE LOAD - 40 P.S.F. DEAD LOAD - 10 P.S.F.</p> <p>GARAGE SLAB: LIVE LOAD - 50 P.S.F. DEAD LOAD - 10 P.S.F.</p> <p>ROOF: LIVE LOAD (TRUSS TOP CHORD) - 20 P.S.F. DEAD LOAD (TRUSS TOP CHORD) - 10 P.S.F. NO STORAGE (18 P.S.F. WHEN TILE ROOFING IS INSTALLED) DEAD LOAD (TRUSS BOTTOM CHORD) - 10 P.S.F. NO STORAGE ASSUMED TRUSS SHELF WEIGHT (DEAD LOAD) - 7 P.S.F.</p> <p>WIND: BUILDING IS DESIGNED TO CONFORM TO ASCE 7 - 10, CHAPTER 6, PER 2010 FLORIDA RESIDENTIAL BUILDING CODE SECTION R301.2.1.1 AND 2010 FLORIDA BUILDING CODE SECTION 1609.1.1 COMPONENT AND CLADDING +/- 32 P.S.F. CODE 2010 SECTION 1609</p>	<p>BASIC WIND SPEED: (Table 1609.3.1) <input type="checkbox"/> V ultimate = 150 mph, V basic = 116 mph <input type="checkbox"/> V ultimate = 140 mph, V basic = 108 mph <input checked="" type="checkbox"/> V ultimate = 130 mph, V basic = 101 mph</p> <p>RISK CATEGORY: <input type="checkbox"/> CATEGORY I <input checked="" type="checkbox"/> CATEGORY II <input type="checkbox"/> CATEGORY III <input type="checkbox"/> CATEGORY IV</p> <p>BUILDING OCCUPANCY CLASSIFICATION: <input type="checkbox"/> GROUP A - ASSEMBLY <input type="checkbox"/> GROUP B - BUSINESS <input type="checkbox"/> GROUP D - DAY CARE CENTER <input type="checkbox"/> GROUP E - EDUCATIONAL <input type="checkbox"/> GROUP F - FACTORY <input type="checkbox"/> GROUP H - HAZARDOUS <input type="checkbox"/> GROUP I - INSTITUTIONAL <input type="checkbox"/> GROUP M - MERCANTILE <input checked="" type="checkbox"/> GROUP R - RESIDENTIAL <input type="checkbox"/> GROUP S - STORAGE</p> <p>BUILDING CONSTRUCTION TYPE: <input type="checkbox"/> TYPE I <input type="checkbox"/> TYPE II <input type="checkbox"/> TYPE III <input type="checkbox"/> TYPE IV <input checked="" type="checkbox"/> TYPE V</p>	<p>EXPOSURE CATEGORY: <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D</p> <p>WINDBORNE DEBRIS REGION: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> IMPACT RESISTANT GLAZING <input type="checkbox"/> IMPACT RESISTANT COVERING <input type="checkbox"/> COMBINATION OF IMPACT RESISTANCE <input type="checkbox"/> GLAZING &amp; COVERING</p> <p>INTERNAL PRESSURE COEFFICIENTS: <input type="checkbox"/> 0.00 (OPEN) <input checked="" type="checkbox"/> +0.18, -0.18 (ENCLOSED)</p> <p>MEAN ROOF HEIGHT <input checked="" type="checkbox"/> 30'-0" OR LESS <input type="checkbox"/> GREATER THAN 30'-0"</p>

PRODUCT APPROVAL INFORMATION			
PRODUCT	MANUFACTURE	TYPE	NOA
ROOFING	GAF	TIMBERLINE NATURAL SHADOW	FL10124
WINDOWS	P.G.T.	S.H.-4000	06-0706.04
SLIDING GLASS DOORS	P.G.T.	SGD-2500	08-0213.03
SWING DOORS	THERMA TRU 80" STEEL	"PREMIUM SERIES"	FL5262.4-68
GARAGE DOORS	RAYNOR	STEEL O.H. 16'-0"	08-0709.09

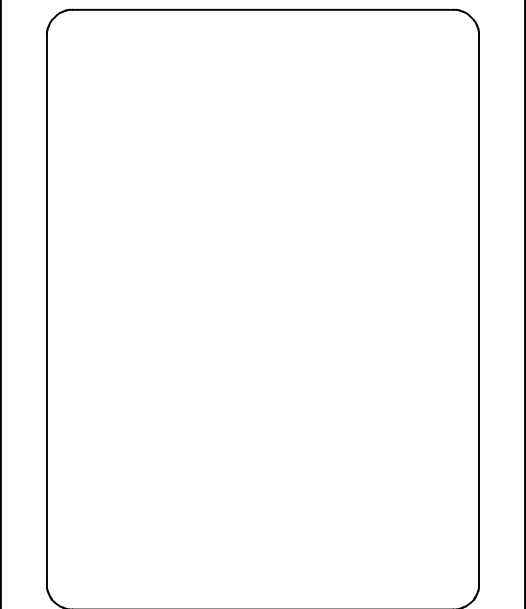
CONCEPTUAL 05/19/14 HV	REV 05/29/14 HV	FINAL 05/30/14 HV					
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PROJECT	
NEW WAVE MODEL	
1234	Living
436	Garage
19	Entry
1689	Total

CONTRACTOR



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Homes  
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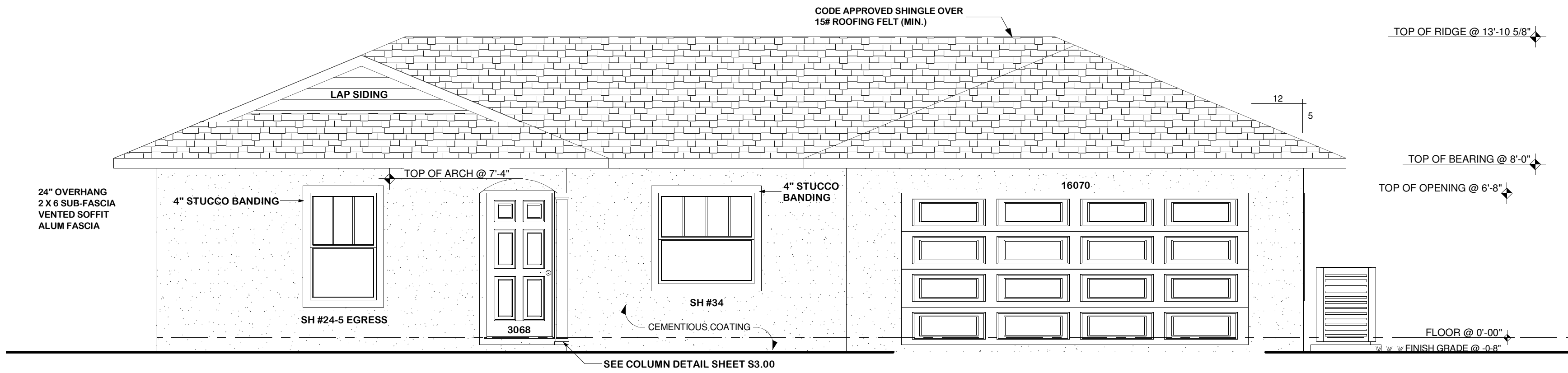
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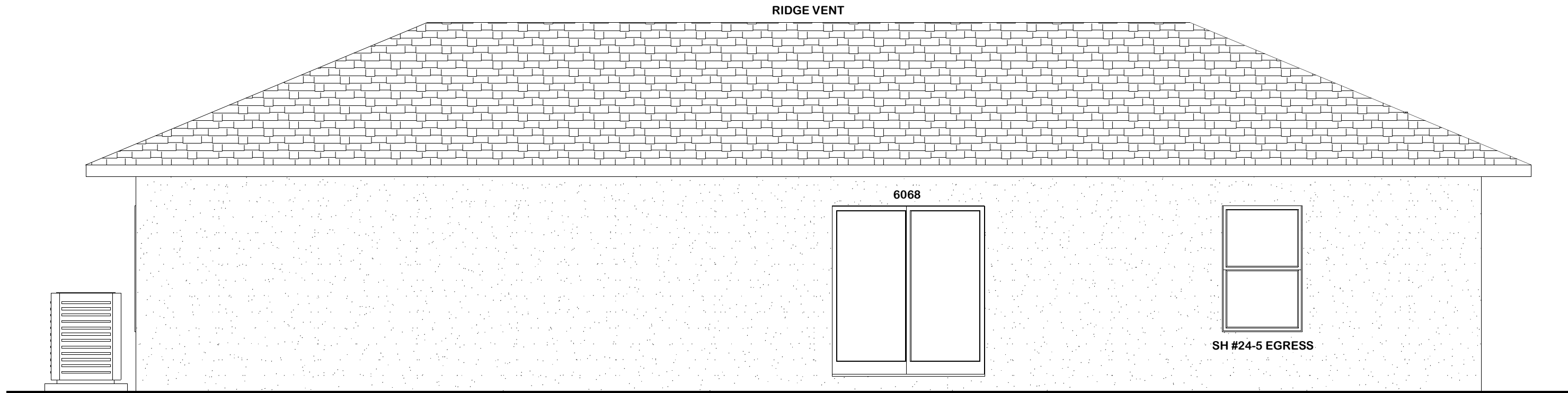
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SHEET  
A1.00



## FRONT ELEVATION

SCALE: 1/4" = 1'



## REAR ELEVATION

SCALE: 1/4" = 1'

### MASONRY WALLS:

CONCRETE MASONRY UNITS (CMU) SHALL BE HOLLOW UNIT MASONRY IN ACCORDANCE WITH ASTM C-90 AND SHALL HAVE A MINIMUM F.W. OF 1,500 P.S.I.

MORTAR SHALL CONFORM TO ASTM C-270 AND SHALL BE EITHER TYPE M OR S.

REINFORCING STEEL SHALL BE GRADE 40 MINIMUM AND IDENTIFIED IN ACCORDANCE WITH ASTM A-615. LAP SPLICES, WHERE REQUIRED, SHALL BE A MINIMUM OF 25" FOR #5 REBAR, 30" FOR #6 REBAR & 35" FOR #7 REBAR.

GROUT FOR THE POURED CELLS AND LINTELS SHALL HAVE A MAXIMUM COURSE AGGREGATE SIZE OF 3/8", PLACED AT AN 8 TO 11 INCH SLUMP AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 P.S.I. (WHEN TESTED PER ASTM C-1019).

PROVIDE CLEAN-OUT OPENINGS (12 SQ. IN) IN CELLS CONTAINING SPLICED REINFORCEMENT, WHEN THE GROUT POUR EXCEEDS 5 FEET IN HEIGHT.

### EXTERIOR WINDOWS & DOORS

EGRESS WINDOWS SHALL HAVE A FINISH SILL HEIGHT NOT GREATER THAN 44" ABOVE THE FINISH FLOOR HEIGHT AND SHALL HAVE A MINIMUM OPENABLE AREA OF 5.7 SQ. FT. EGRESS WINDOWS SHALL NOT HAVE AN OPENABLE AREA LESS THAN 20" WIDE OR 24" HIGH.

OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1 3/8 INCHES (35 MM) IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8 INCHES (35 MM) THICK, OR 20-MINUTE FIRE-RATED DOORS.

ALL EXTERIOR WINDOW & GLASS DOORS SHALL BE TESTED IN ACCORDANCE WITH ANSI/AMMAN/WDA 101/102 STANDARDS AND BEAR AN AMMA OR WDMA LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT TESTING ENTITY.

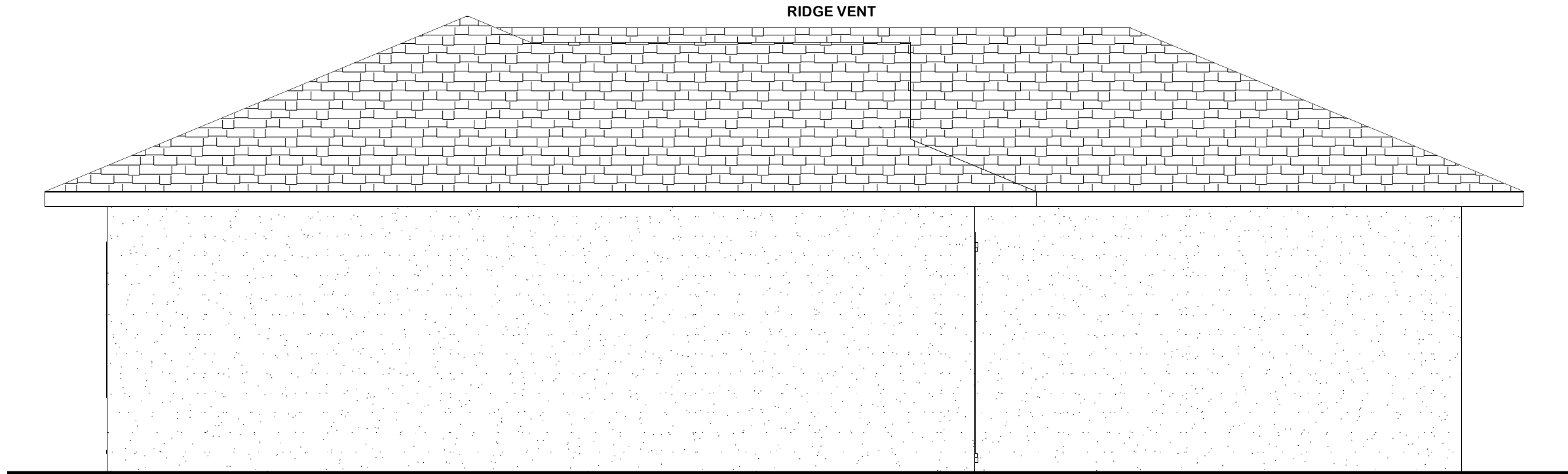
ALL MULLIONS AND ADJACENT DOOR/WINDOW ASSEMBLIES SHALL BE TESTED OR ENGINEERED TO TRANSFER 1.5 TIMES THE DESIGN LOADS TO THE ROUGH OPENING SUBSTRATE.

INSTALL ALL WINDOW & DOOR ASSEMBLIES PER THE MANUFACTURERS ANCHORING RECOMMENDATIONS TO ACHIEVE THE DESIGN PRESSURES SPECIFIED.

### SAFETY GLAZING:

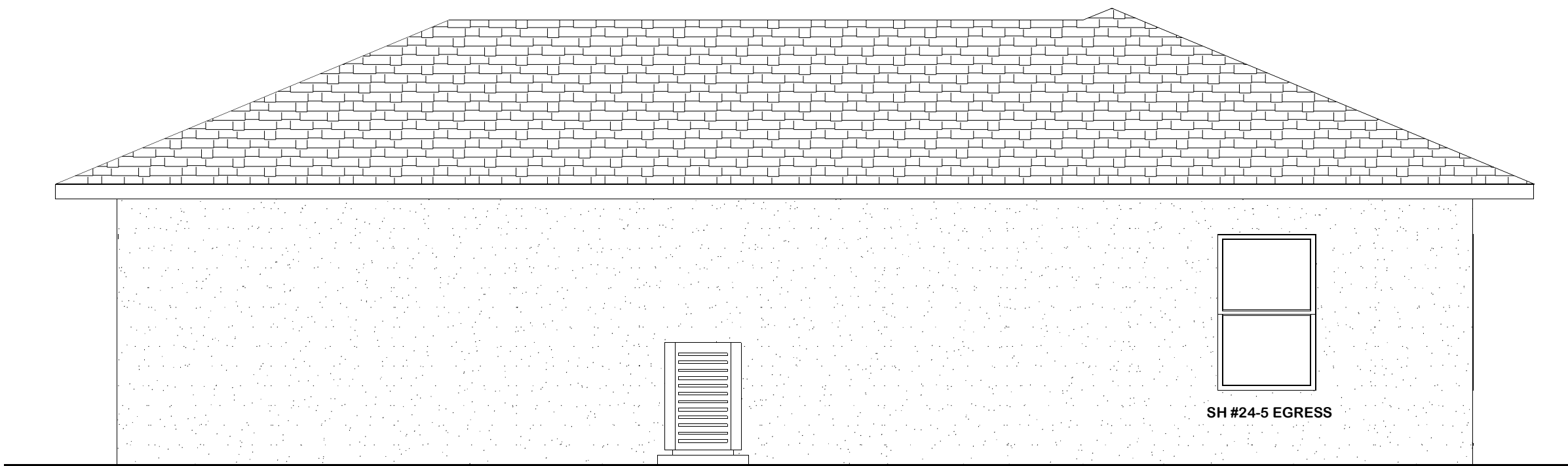
THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATION FOR THE PURPOSES OF GLAZING:

- (1) GLAZING IN SWINGING DOORS, FIXED AND SLIDING PANELS OF SLIDING DOOR ASSEMBLIES.
- (2) GLAZING IN DOORS AND ENCLOSURES FOR HOT TUB, WHIRLPools, SAUNAS, STEAM ROOMS, BATHTUBS, AND SHOWERS. GLAZING IN ANY PORTION OF A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE DRAIN INLET.
- (3) GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24 INCH RADIUS OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FINISHED FLOOR OR WALKING SURFACE.
- (4) GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS (2) AND (3) ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
  - (A) EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQ. FT.
  - (B) BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR.
  - (C) TOP EDGE GREATER THAN 36 INCHES ABOVE THE FLOOR.
  - (D) ONE OR MORE WALKING SURFACES WITHIN 36 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING.



## LEFT ELEVATION

SCALE: 1/4" = 1'



## RIGHT ELEVATION

SCALE: 1/4" = 1'

CONCEPTUAL	05/19/14 HV
REV	05/29/14 HV
FINAL	05/30/14 HV

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OF BUILDING DESIGNS

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### SHEET

A2.00

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- ONE OR MORE WALKING SURFACES WITHIN 36 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING.

TIMBER MATERIALS - STRUCTURAL -

ALL TIMBER MATERIALS SHALL BE AS FOLLOWS:

LVL BEAMS SHALL BE (1.9E) MICROLAM LVL MATERIALS MANUFACTURED BY TRUSS JOIST MACMILLAN (OR EQUAL).

LUMBER UTILIZED IN BOTTOM PLATES, TOP PLATES, POSTS, STUDS PACKS AND BEAMS SHALL BE #2 YELLOW PINE (OR BETTER). LUMBER WITH DIRECT CONTACT TO CONCRETE/MASONRY SHALL BE PRESSURE TREATED

EXTERIOR AND INTERIOR LOAD BEARING STUDS SHALL BE #2 YELLOW PINE (OR BETTER). ALL OTHER STUDS SHALL BE "STUD GRADE" SPRUCE.

PSL POSTS SHALL BE (1.8E) PARALLAM PSL MATERIALS MANUFACTURED BY TRUSS JOIST MACMILLAN (OR EQUAL). SEE "POST SUPPORT TABLE" ON THIS SHEET FOR LOAD VALUES.

EXTERIOR WALLS SHALL BE CONSTRUCTED WITH 1/2" PLYWOOD OR 7/16 O.S.B. (2-M-W RATING) NAILED WITH 8d NAILS SPACED AT 3" O.C. ALONG ALL HORIZONTAL JOINTS & EDGES, 6" O.C. ALONG ALL VERTICAL JOINTS & EDGES AND 12" O.C. ALONG ALL INTERMEDIATE STUDS.

AT OPENINGS 5'-0" WIDE OR LARGER, STRAP HEADER BEAM TO THE HEADER STUDS WITH (2) SIMPSON "LST424" STRAP TIES AT EACH END OF HEADER BEAM. ANCHOR BOTTOM OF HEADER STUDS TO FOUNDATION WITH A SIMPSON "HTT4" TENSION TIE.

ANCHOR TRUSSES AS FOLLOWS:  
ROOF UPLIFTS OF 775# AND LESS USE (1) SIMPSON "LTS12" HURRICANE TIE.

ALL PLUMBING, ELECTRICAL AND MECHANICAL ROUGH-INS MUST BE COMPLETE, INSPECTED AND APPROVED PRIOR TO REQUESTING THE FRAMING INSPECTION.

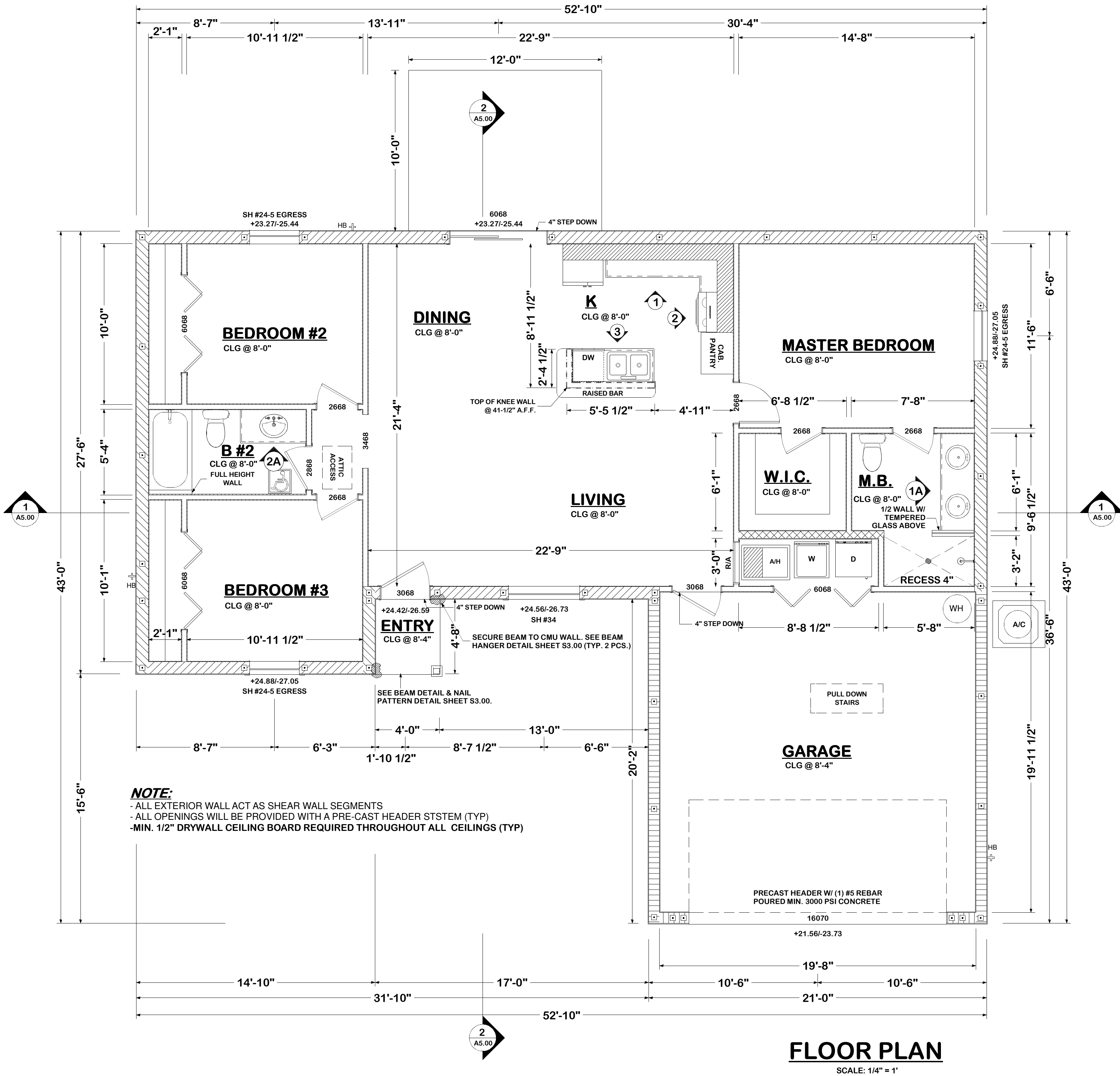
IF DESIRED, EQUIVALENT CONNECTORS MADE BY ANOTHER SUPPLIER MAY BE USED IN PLACE OF THE "SIMPSON" CONNECTORS SHOWN.

DRAFT STOPPING:

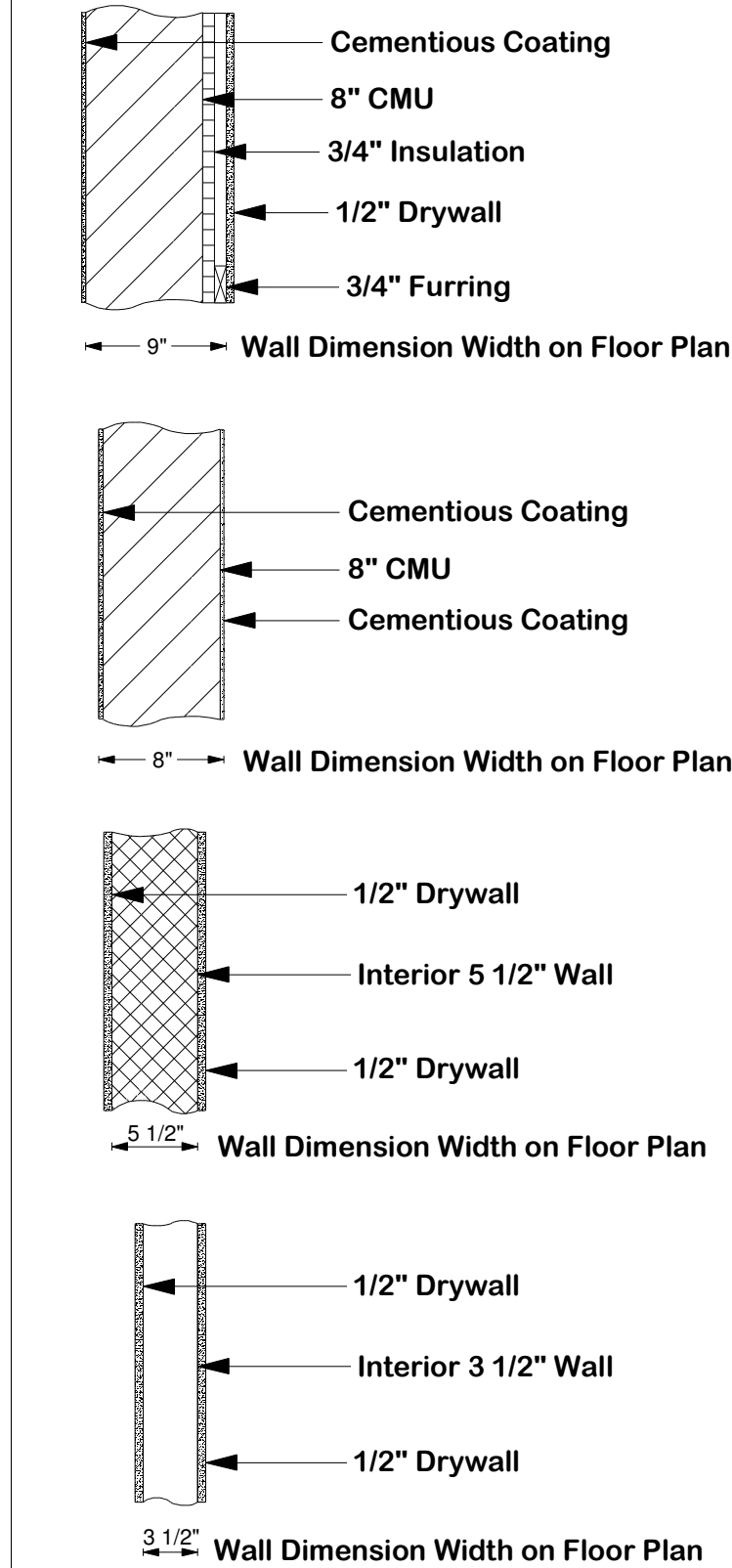
IN SINGLE FAMILY DWELLINGS, DRAFT STOPPING SHALL BE PROVIDED (PARALLEL TO THE MAIN FRAMING MEMBERS) IN FLOOR/CEILING ASSEMBLIES SEPARATING USEABLE SPACES. DRAFT STOPPING SHALL BE CONSTRUCTED SUCH THAT THE FLOOR/CEILING ASSEMBLY IS BROKEN UP INTO TWO OR MORE APPROXIMATE AREAS WITH NO AREA GREATER THAN 500 SQ. FT.

ATTIC ACCESS:

ATTIC SPACES SHALL BE PROVIDED WITH AN INTERIOR ACCESS OPENING NOT LESS THAN 22X36 INCHES. ACCESS OPENING SHALL BE ACCESSIBLE AND PROVIDED WITH LID OR DEVICE THAT IS EASILY REMOVED OR OPENED. WHEN MECHANICAL EQUIPMENT IS INSTALLED IN THE ATTIC, IT SHALL BE INSTALLED IN ACCORDANCE WITH THE MECHANICAL CODE. ACCESS IS NOT REQUIRED WHEN THE CLEAR HEIGHT OF THE ATTIC SPACE, MEASURED AT THE ROOF PEAK, IS LESS THAN 24 INCHES.



COMMODITY FLANGE				COMMODITY FLANGE			
Awning, Single Hung, Horizontal Roller, Picture Window, Casement				Awning, Single Hung, Horizontal Roller, Picture Window, Casement			
WINDOW SIZES		WINDOW SIZES		WINDOW SIZES		WINDOW SIZES	
CODE	Window size	Masonry	Frame Opening	CODE	Window size	Masonry	Frame Opening
*11	19 1/8x17	19 7/8x17	19 1/4x17 1/8	D22	74x26	74 3/4x26	73 1/2x25 1/2
12	19 1/8x26	19 7/8x26	18 5/8x25 1/2	D23	74x38 3/8	74 3/4x38 3/8	73 1/2x37 3/4
13	19 1/8x38 3/8	19 7/8x38 3/8	18 5/8x37 7/8	D24	74x50 5/8	74 3/4x50 5/8	73 1/2x50 1/8
14	19 1/8x50 5/8	19 7/8x50 5/8	18 5/8x50 1/8	D25	74x63	74 3/4x63	73 1/2x62 1/2
15	19 1/8x63	19 7/8x63	18 5/8x62 1/2	D32	106 3/8x26	107 1/8x26	105 7/8x25 1/2
16	19 1/8x76	19 7/8x76	18 5/8x75 1/2	D33	106 3/8x38 3/8	107 1/8x38 3/8	105 7/8x37 3/4
*H31	26 1/2x17	27 1/4x17	26 5/8x17 1/8	D34	106 3/8x50 5/8	107 1/8x50 5/8	105 7/8x50 1/8
H32	26 1/2x26	27 1/4x26	26x25 1/2	D35	106 3/8x63	107 1/8x63	105 7/8x62 1/2
H33	26 1/2x38 3/8	27 1/4x38 3/8	26x37 7/8	T22	11 1/2x26	11 1/2x26	11 0 1/2x25 1/2
H34	26 1/2x50 5/8	27 1/4x50 5/8	26x50 1/8	T23	11 1/2x38 3/8	11 1/2x38 3/8	11 0 1/2x37 3/4
H35	26 1/2x63	27 1/4x63	26x62 1/2	T24	11 1/2x50 5/8	11 1/2x50 5/8	11 0 1/2x50 1/8
H36	26 1/2x76	27 1/4x76	26x75 1/2	T25	11 1/2x63	11 1/2x63	11 0 1/2x62 1/2
*21	37x17	37 3/4x17	37 1/8x17 1/8	Note: Sizes above available only with mullied windows or horizontal rollers.  *Sizes available in awning windows only, calculated with drywall tucked.  All other framing dimensions are calculated with drywall butted. (See figure A)			
22	37x26	37 3/4x26	36 1/2x25 1/2				
23	37x38 3/8	37 3/4x38 3/8	36 3/2x37 7/8				
24	37x50 5/8	37 3/4x50 5/8	36 1/2x50 1/8				
25	37x63	37 3/4x63	36 1/2x62 1/2				
26	37x76	37 3/4x76	36 1/2x75 1/2				
*31	53 1/8x17	53 7/8x17	53 1/4x17 1/8				
32	53 1/8x26	53 7/8x26	52 5/8x25 1/2				
33	53 1/8x38 3/8	53 7/8x38 3/8	52 5/8x37 7/8				
34	53 1/8x50 5/8	53 7/8x50 5/8	52 5/8x50 1/8				
35	53 1/8x63	53 7/8x63	52 5/8x62 1/2				
36	53 1/8x76	53 7/8x76	52 5/8x75 1/2				



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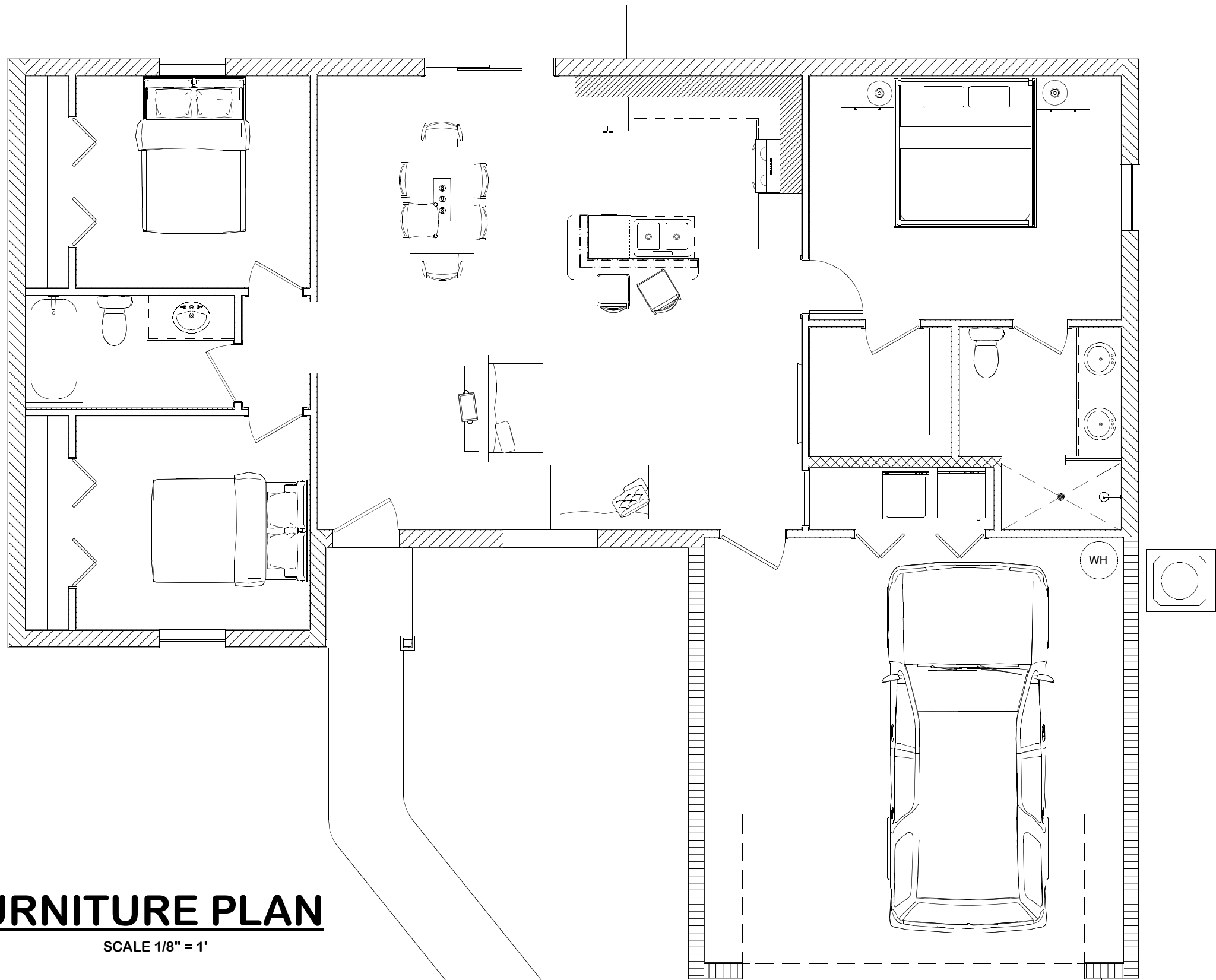
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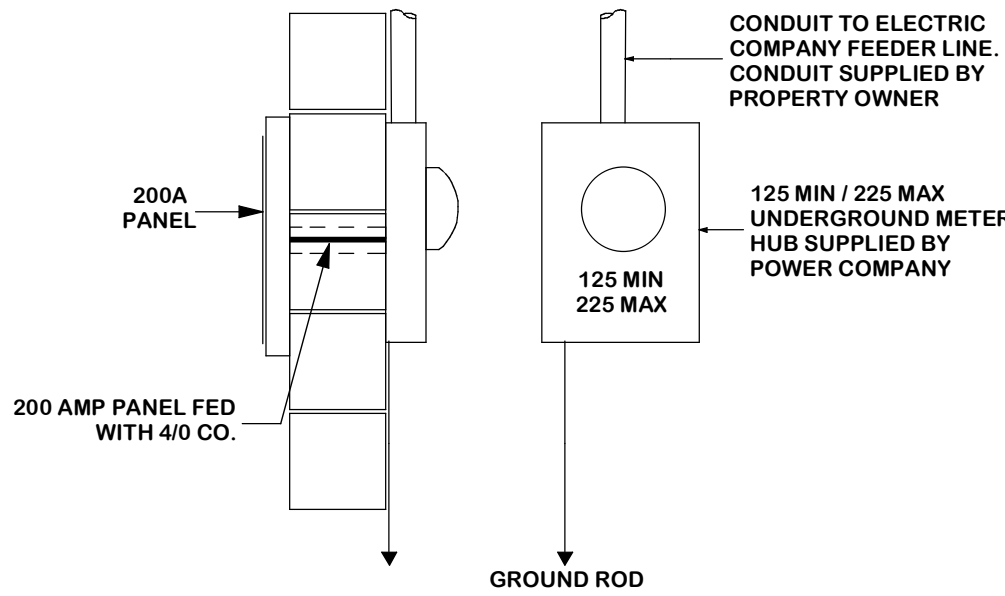
SHEET  
**A3.00**

FURNITURE PLAN

SCALE 1/8" = 1'



ELECTRICAL RISER DIAGRAM  
OVERHEAD SERVICE



NOT TO  
SCALE

ELECTRIC SYMBOLS

	Duplex Receptacle		Smoke Detector
	220 V Wall Outlet		Smoke & Carbon Monoxide Detector
	GFCI		Single Pole Switch
	Ground Fault Receptacle		Ceiling Mounted Light Fixture
	WP GFCI		Wall Mounted Light Fixture
	Ground Fault/ Waterproof Receptacle		Recessed Can Light Fixture
	Clothes Dryer Duplex Receptacle		Attic Light w/ Switch
	Electric Range Receptacle		Fluorescent
	Refrigerator Duplex Receptacle		Exhaust Fan
	Dishwasher Duplex Receptacle		Ceiling Fan w/ Light
	Clothes Washer Duplex Receptacle		
	Hood w/ Vent Receptacle		
	Garage Door Opener Receptacle		
	G.D.O.		
	Door Bell		
	Phone Outlet		
	TV Outlet		

ELECTRICAL:

ELECTRICAL MATERIALS AND INSTALLATION SHALL COMPLY WITH APPLICABLE PREVISIONS OF THE 2011 NATIONAL ELECTRICAL CODE (NFPA 70), LOCAL CODES, AND THE LOCAL POWER COMPANY.

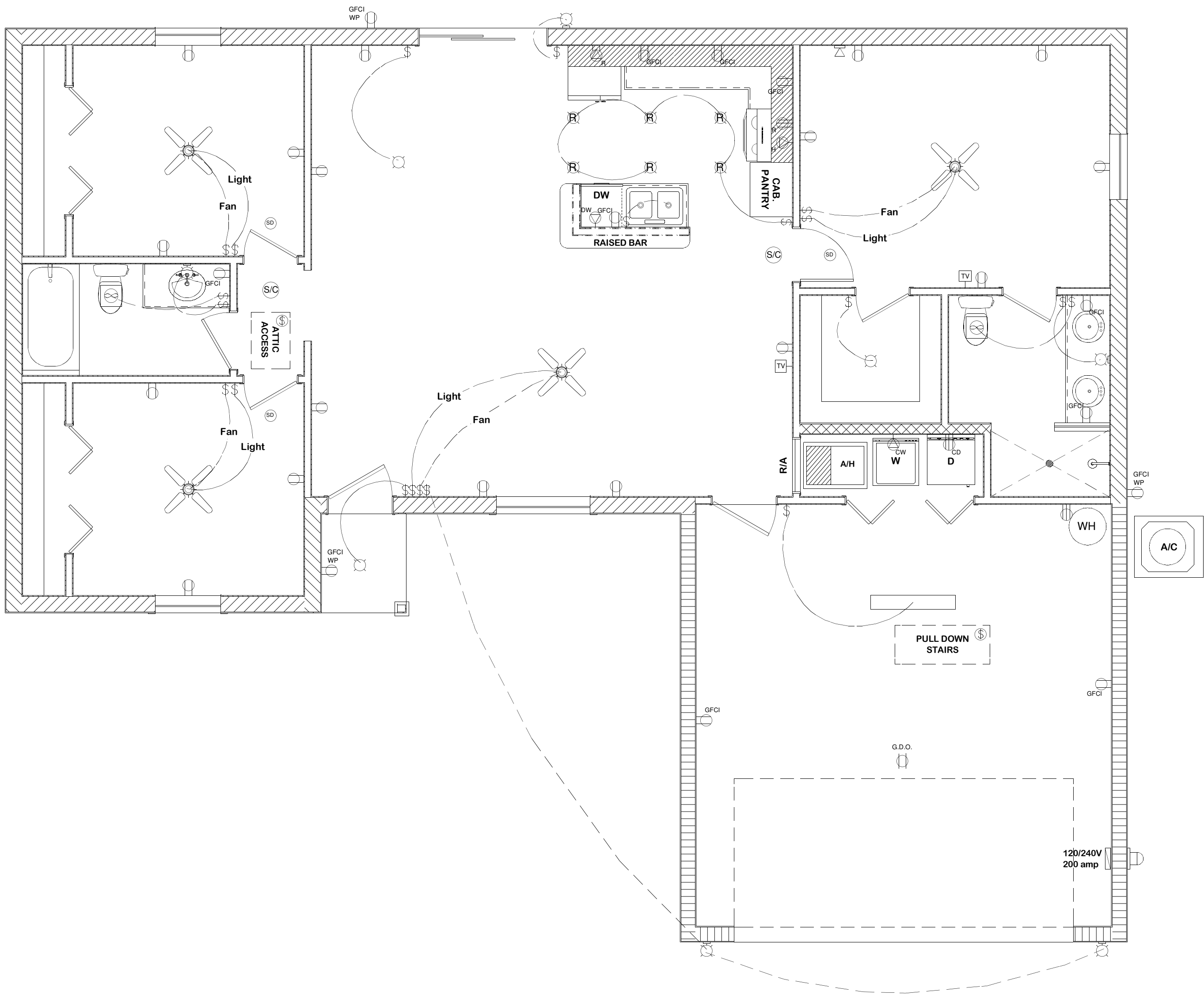
IN ACCORDANCE WITH THE 2010 FLORIDA BUILDING CODE, ALL OF THE SMOKE DETECTORS MUST BE ELECTRICALLY CONNECTED SUCH THAT WHEN ONE SMOKE DETECTOR IS ACTIVATED ALL OF THE DETECTORS MUST BE ACTIVATED. SMOKE DETECTORS SHALL BE IN ALL SLEEPING AREAS AND WITHIN 1'-0" TO 3'-0" OF CEILING PEAK, AND SHALL BE 3'-0" MIN. FROM ANY AIR SUPPLY OR RETURN AIR STREAM, AND EQUIP WITH A BATTERY BACKUP. FURTHER THE 2007 FLORIDA BUILDING CODE REQUIRES THAT A CARBON MONOXIDE DETECTOR MUST BE INSTALLED ON THE SIDE WALL IN THE HALLWAY AND BY THE ENTRANCE TO THE KITCHEN.

IN ACCORDANCE WITH CHAPTER 471.003(2)(I) OF THE FLORIDA ADMINISTRATIVE CODE; ELECTRICAL SYSTEM SHALL BE DESIGNED BY THE RESPECTIVE CONTRACTORS TO MEET ALL APPLICABLE CODES. THE ELECTRICAL SYSTEM DRAWN HEREON IS BASED UPON A DESIGN PROVIDED BY THE OWNER TO ADDRESS HIS/HER REQUIREMENTS.

ALL 125V AND 250V 15 OR AMP PRECEPTACLE OUTLETS IN BATHROOMS, SERVING KITCHEN COUNTERTOP SURFACES, IN GARAGES, WITHIN SIX FEET OF ANY SINK, AND AT EXTERIOR LOCATIONS SHALL BE PROTECTED BY A GROUND-FAULT CIRCUIT INTERRUPTER.

ALL 125V AND 250V 15 OR 20 AMP RECEPTACLE OUTLETS INSTALLED IN WET LOCATIONS SHALL HAVE AN INCLOSURE THAT IS WEATHERPROOF WHETHER OR NOT AN ATTACHMENT PLUG IS INSERTED.

ELECTRICAL CIRCUITS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER IN ACCORDANCE WITH ARTICLE 210.12.



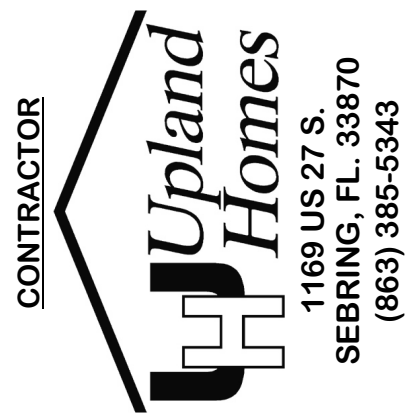
ELECTRICAL PLAN

SCALE 1/4" = 1'

CONCEPTUAL	05/19/14 HV	REV 05/29/14 HV	FINAL 05/30/14 HV						
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PROJECT  
NEW WAVE  
MODEL

1234	Living
436	Garage
19	Entry
1689	Total



Structural Plans only prepared by or under the strict supervision of Professional Structural Engineer. Structural Engineer is not responsible for any dimensional errors, drafting discrepancies, or any non-structural information.

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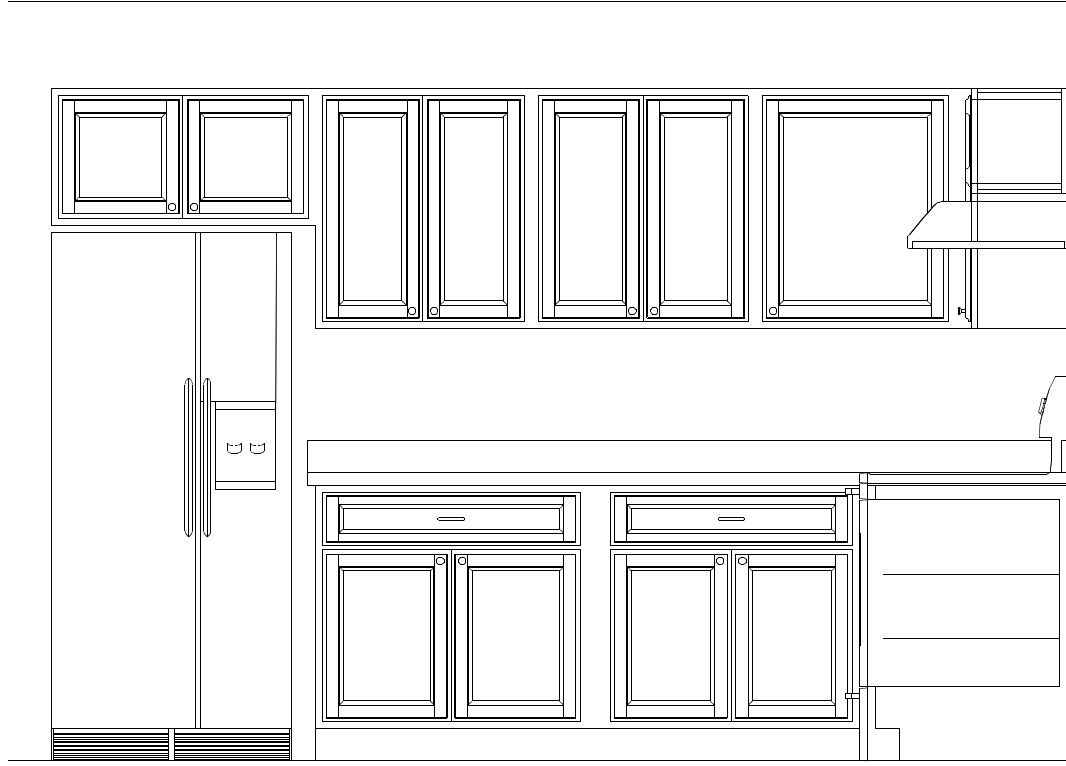
While every effort has been made in the preparation of this plan to avoid mistakes, the maker can not guarantee against human error. The Homeowner and/or Contractor of the job must check all dimensions and other details prior to construction and be solely responsible thereafter.

SHEET

A4.00

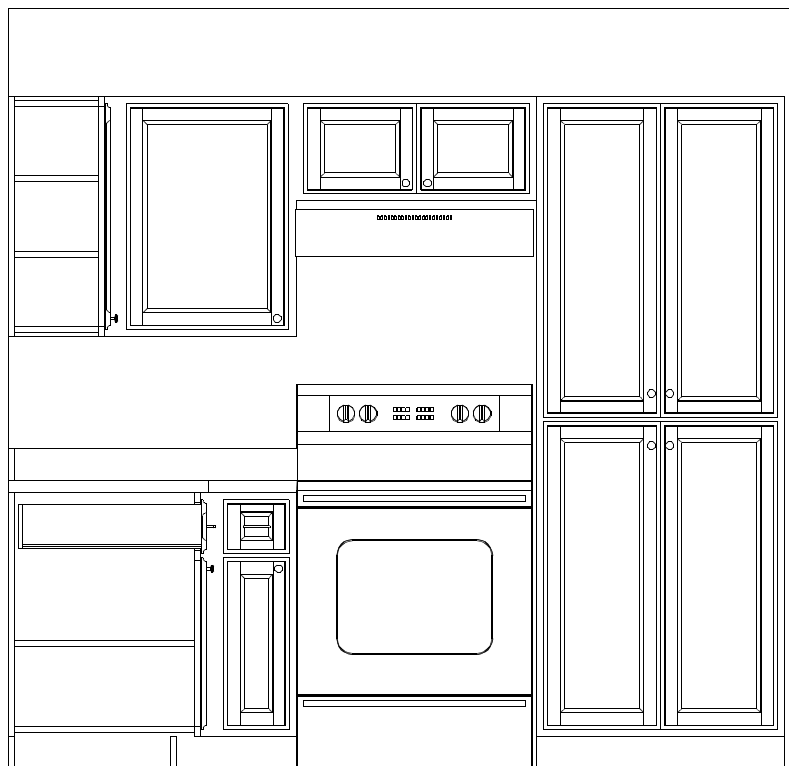
E1.00





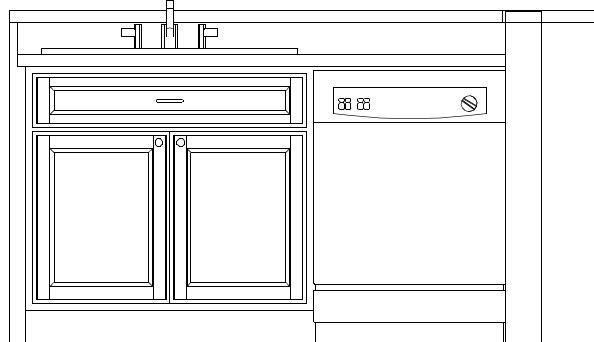
**KIT SECTION VIEW 1**

SCALE: 1/2" = 1'



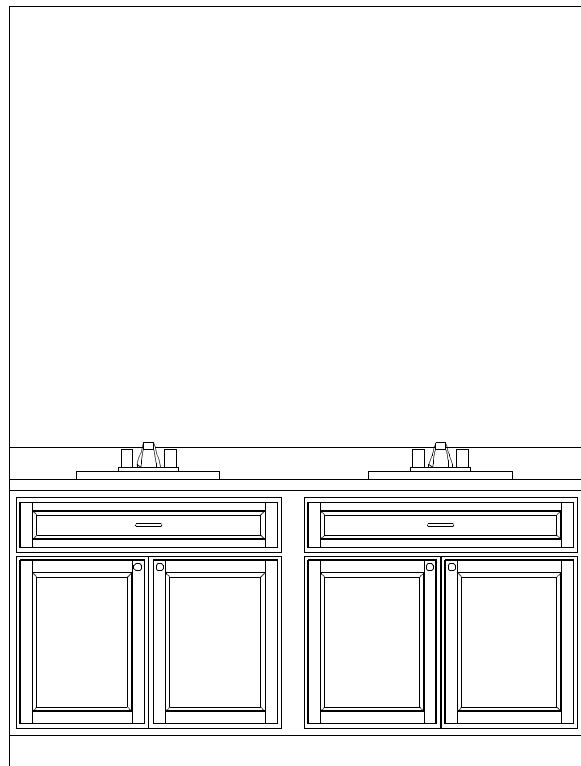
**KIT SECTION VIEW 2**

SCALE: 1/2" = 1'



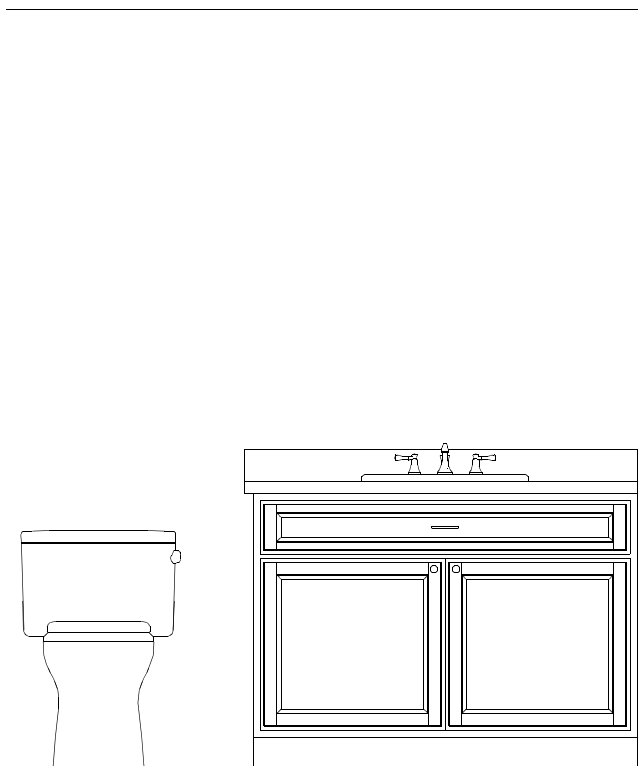
**KIT SECTION VIEW 3**

SCALE: 1/2" = 1'



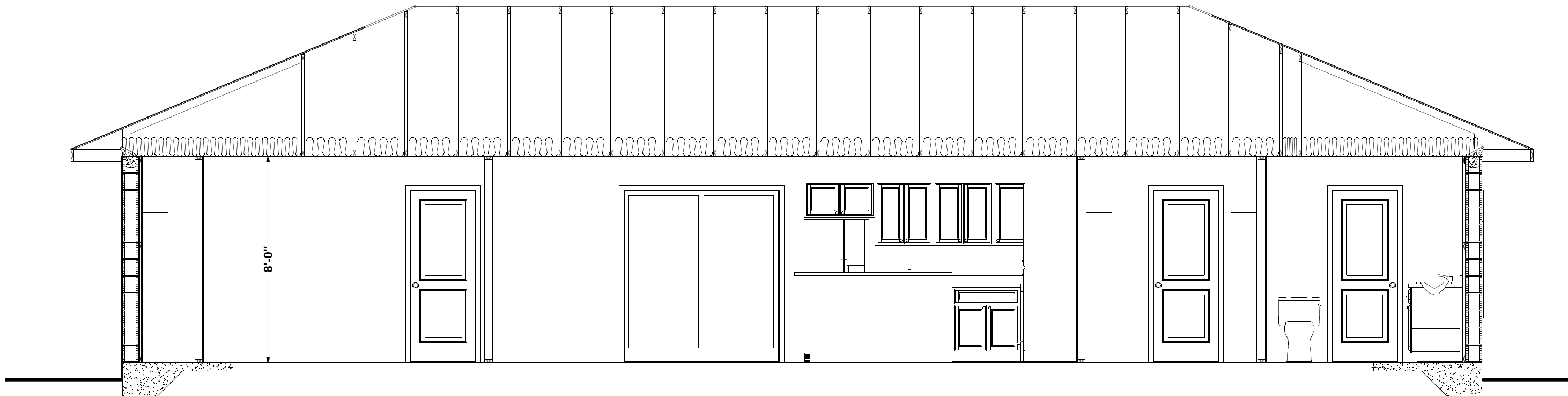
**VANITY SECTION VIEW 1A**

SCALE: 1/2" = 1'



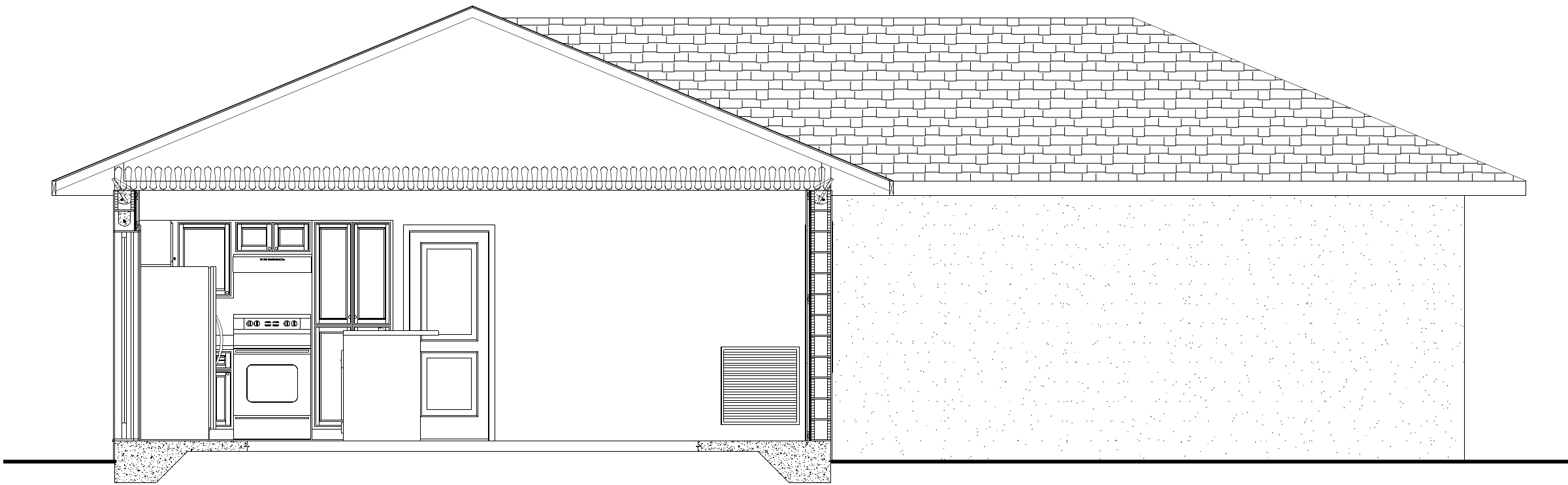
**VANITY SECTION VIEW 2A**

SCALE: 1/2" = 1'



**CUT SECTION VIEW 1-A5**

SCALE: 1/4" = 1'



**CUT SECTION VIEW 2-A5**

SCALE: 1/4" = 1'

CONCEPTUAL	05/19/14 HV	REV 05/29/14 HV	FINAL 05/30/14 HV						
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PROJECT	
NEW WAVE MODEL	
1234	Living
436	Garage
19	Entry
1689	Total

CONTRACTOR

**Upland Homes**

1169 US 27 S.  
SEBRING, FL 33870  
(863) 365-5343

DESIGNER

**BUILDING Designs**

6404 US 27 S. SEBRING FL. 33876  
1 (863) 471-1525  
[www.needplans.com](http://www.needplans.com)  
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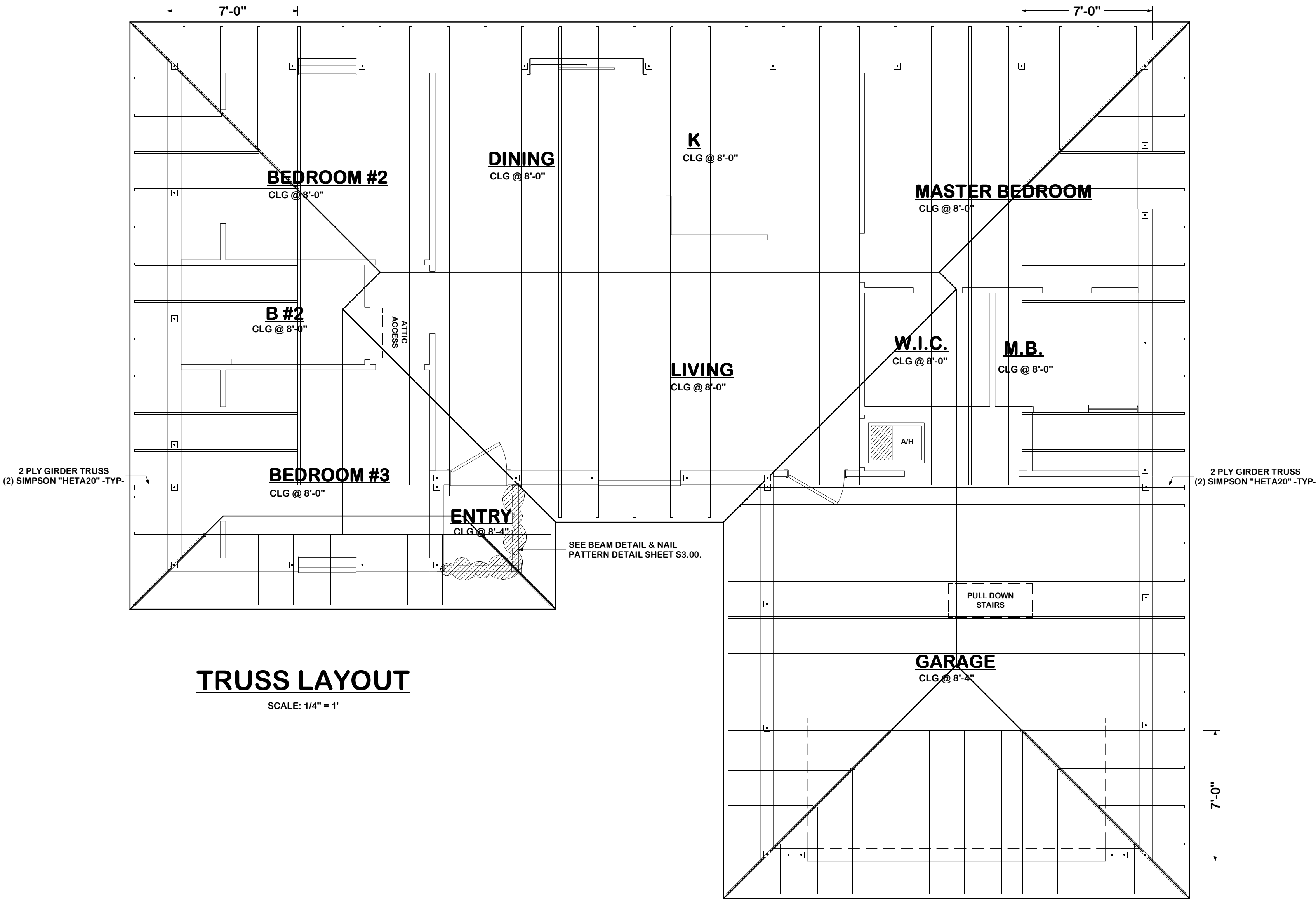
OF BUILDING DESIGNS

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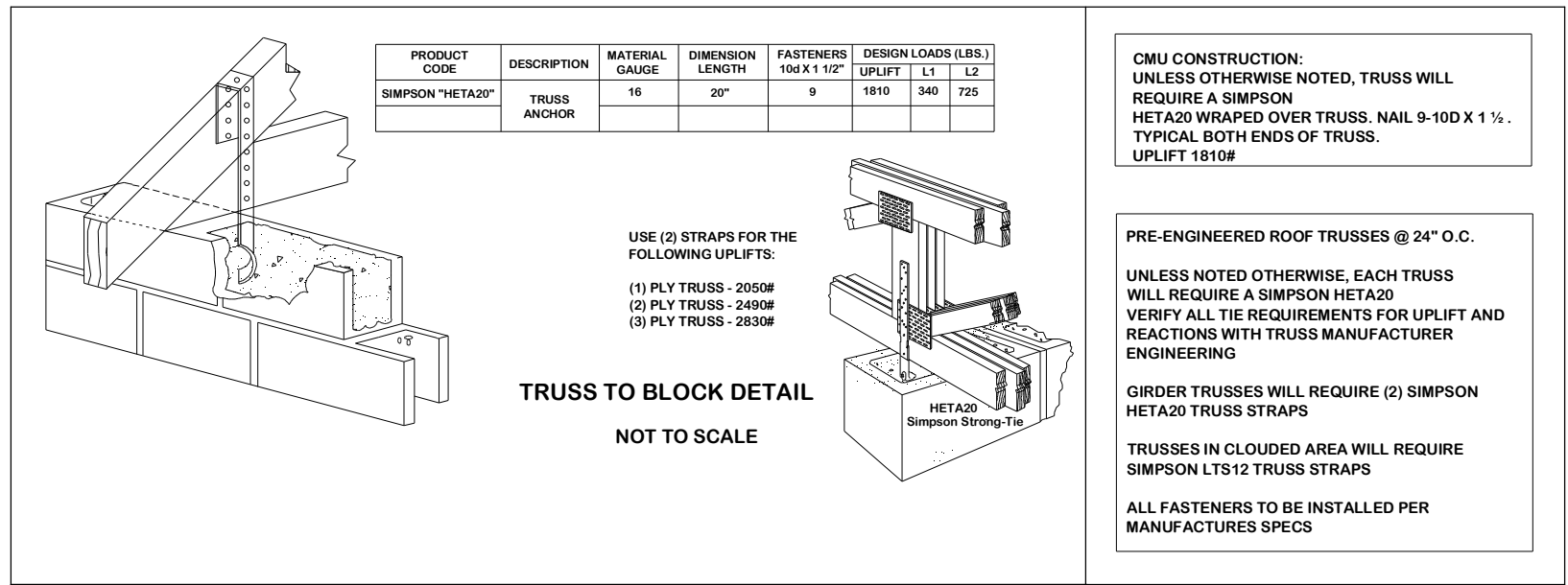


TRUSS LAYOUT  
SCALE: 1/4" = 1'

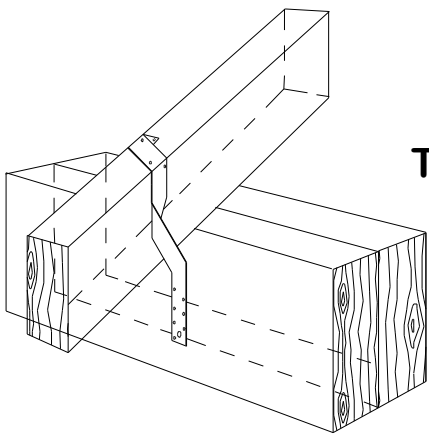
TRUSSES

IF THE CONTRACTOR, TRUSS MANUFACTURER OR ANY OTHER DESIGN PROFESSIONALS REVISE THE TRUSS SYSTEM LAYOUT FROM THOSE SHOWN ON THESE PLANS DESIGNER AND/OR STRUCTURAL ENGINEER IS REQUIRED TO REVIEW ALL FINAL CONSTRUCTION DOCUMENTS FOR COMPLIANCE WITH THE DESIGN INTENT PRIOR TO COMMENCEMENT OF THE PROJECT.

ROOF PITCH - 5 IN 12  
OVERHANG - 24"  
ROOF MATERIAL - CODE APPROVED ARCHITECTURAL SHINGLES  
SUB-FASCIA - 2X6  
WIND ZONE - 130 MPH  
EXPOSURE - C  
COUNTY - HIGHLANDS



PRODUCT CODE	DESCRIPTION	FASTENERS		DESIGN LOADS (LBS.)
		HEADER	TRUSS	UPLIFT
SIMPSON 'LTS12'	HURRICANE STRAP	6-10d x 1-1/2"	6-10d x 1-1/2"	775



TRUSS TO BEAM DETAIL  
NOT TO SCALE

PROPOSED  
SITE PLAN

SCALE: 1" = 15'

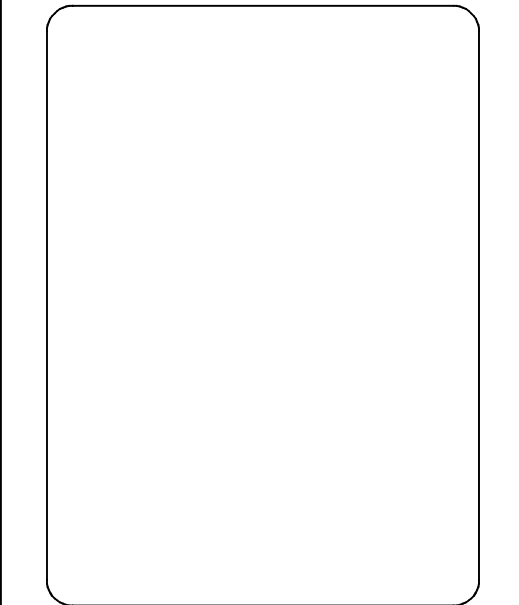
CONCEPTUAL 05/19/14 HV	REV 05/29/14 HV	FINAL 05/30/14 HV					
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PROJECT NEW WAVE MODEL	
1234	Living
436	Garage
19	Entry
1689	Total

CONTRACTOR

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SEBRING, FL 33870  
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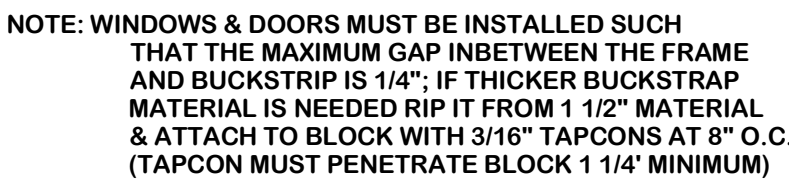
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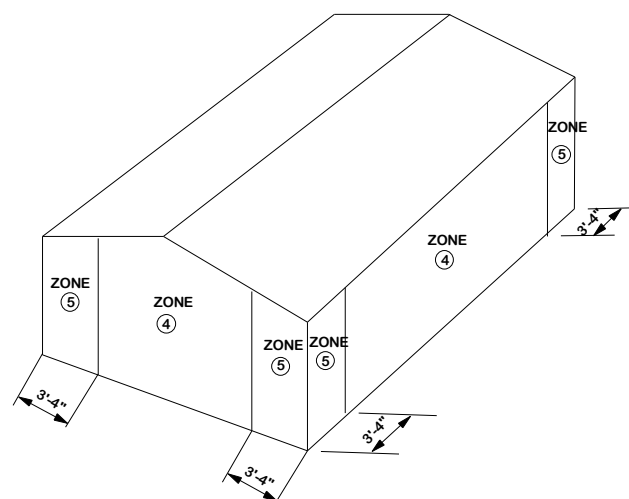
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SHEET	
\$2.00	C1.00



LINTEL LOAD CHART (16" DEEP SECTION)	
CLEAR SPAN	CONCRETE U-LINTEL
1'-6"	4987 PLF (UNFILLED)
2'-2"	3435 PLF (UNFILLED)
2'-8"	2777 PLF (UNFILLED)
3'-2"	2332 PLF (UNFILLED)
4'-0"	1835 PLF (UNFILLED)
4'-6"	1624 PLF (UNFILLED)
5'-2"	2739 PLF **
6'-2"	2271 PLF **
7'-0"	1987 PLF **
8'-0"	1723 PLF **
9'-2"	1489 PLF **
10'-0"	1354 PLF **
10'-8"	1277 PLF **
11'-2"	1200 PLF **
12'-0"	1109 PLF **
12'-8"	1044 PLF **
13'-4"	1398 PLF ** P
14'-0"	1327 PLF ** P
16'-0"	1152 PLF ** P
18'-0"	1016 PLF ** P
18'-8"	977 PLF ** P
20'-0"	876 PLF ** P
22'-8"	789 PLF ** P

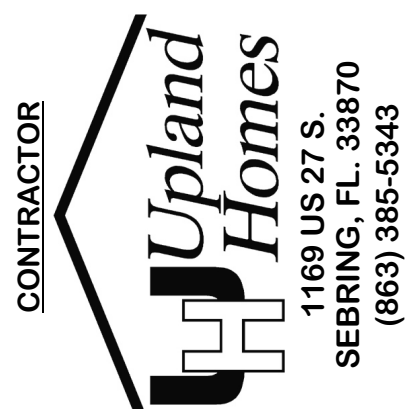
**\*\* P -- DENOTES PRE-STRESSED U-LINTEL  
WITH #5 REBAR X CONT. PLACED IN BOTTOM  
COURSE & 16" DEEP BEAM POURED SOLID  
WITH 2,500 PSI CONCRETE.**



CONCEPTUAL
05/19/14 HV
REV 05/29/14 HV
FINAL 05/30/14 HV

PROJECT  
**NEW WAVE  
MODEL**

1234	Living
436	Garage
19	Entry
1689	Total



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**SHEET**

**\$3.00**