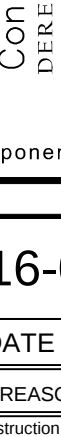


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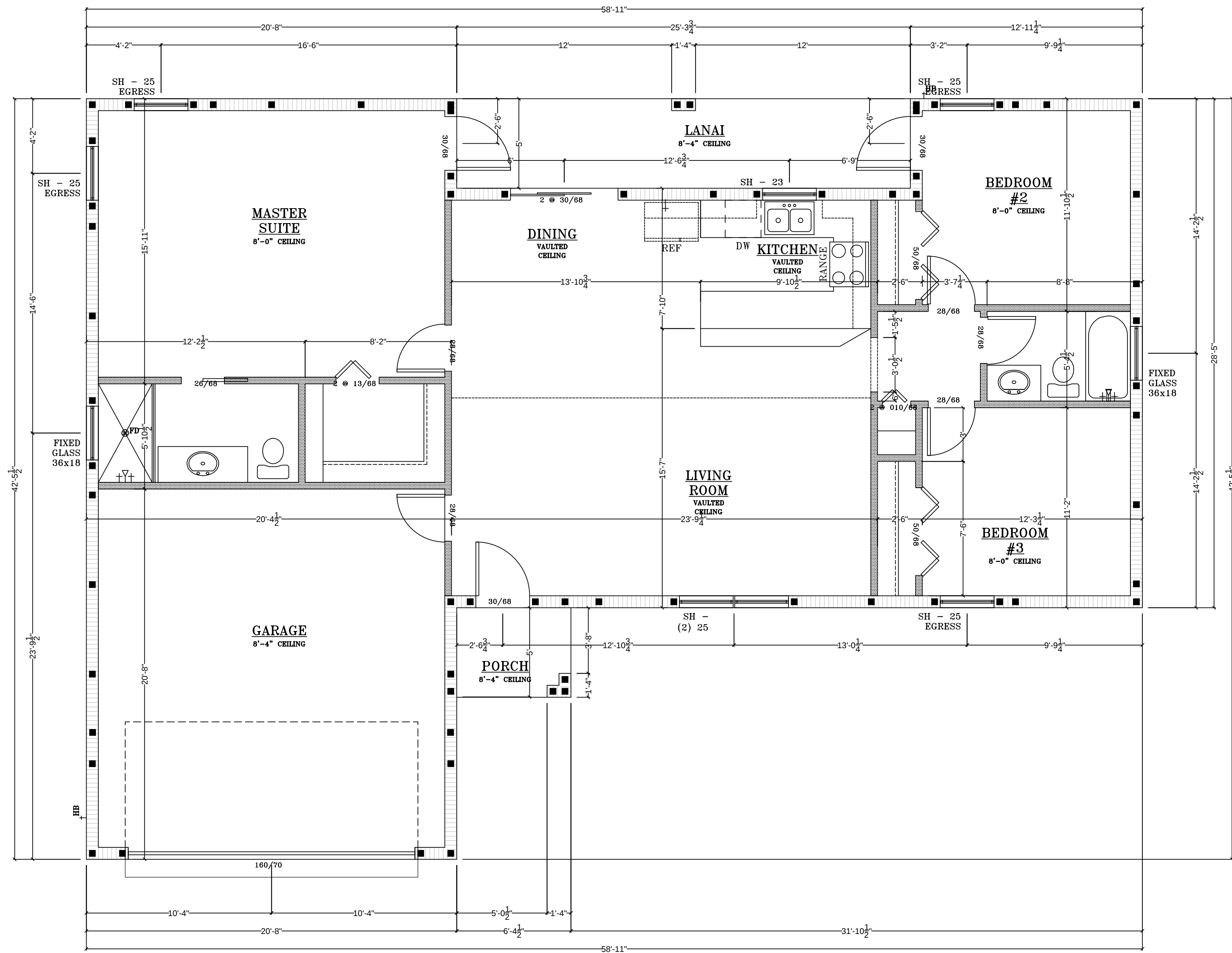
A-1

	NEW 2X4 WALL
	NEW 2X6 WALL
	NEW 8" CMU WALL

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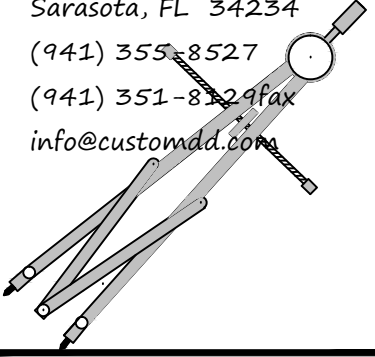
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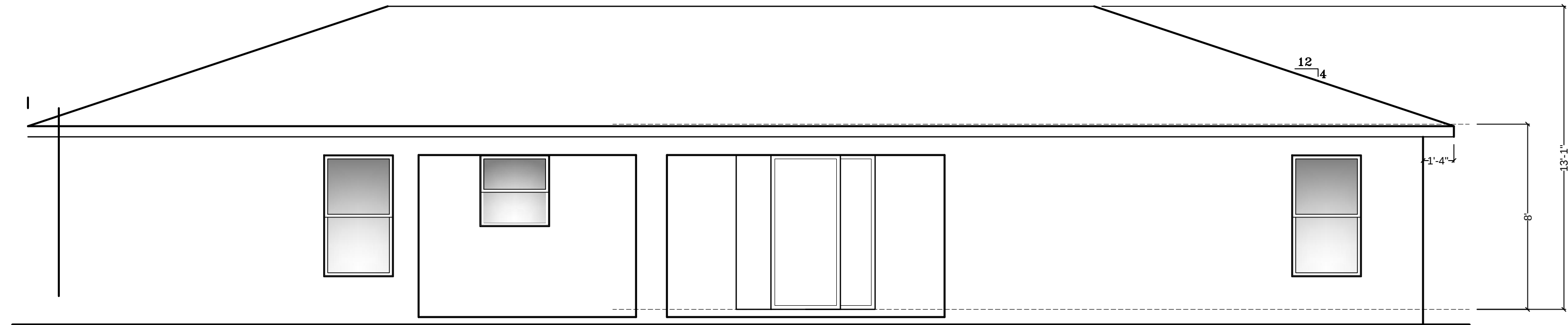


FLOOR PLAN
SCALE : ¼" = 1'-0"

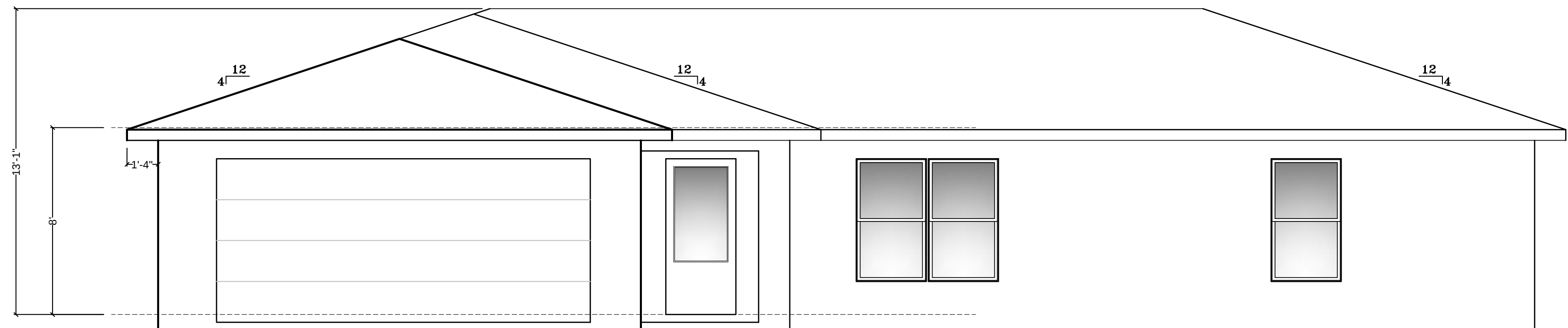
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SCALE : $\frac{1}{4}" = 1'-0"$



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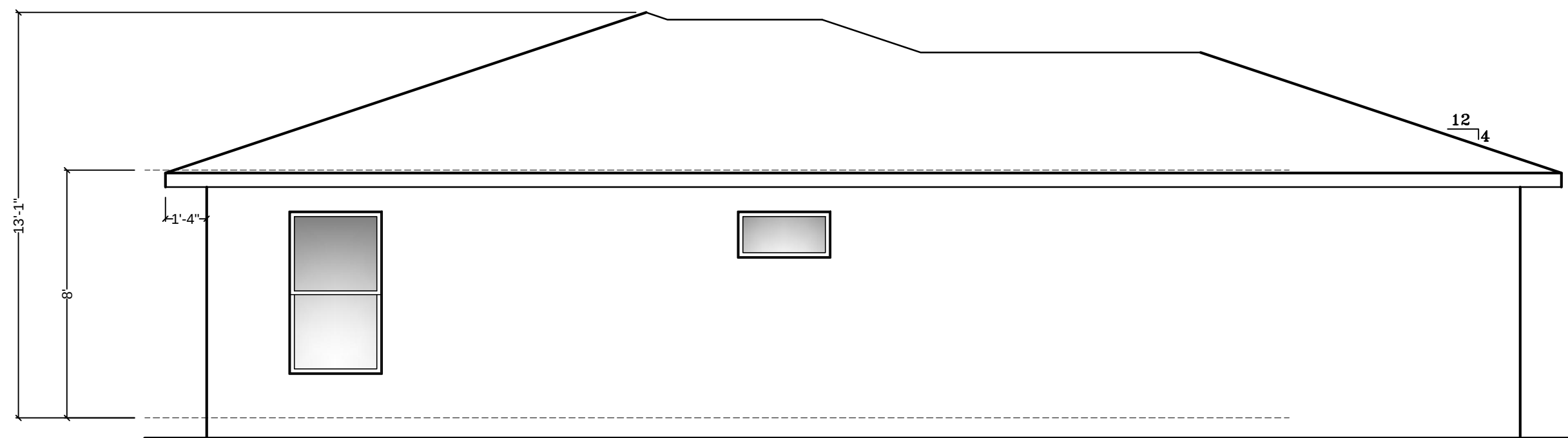
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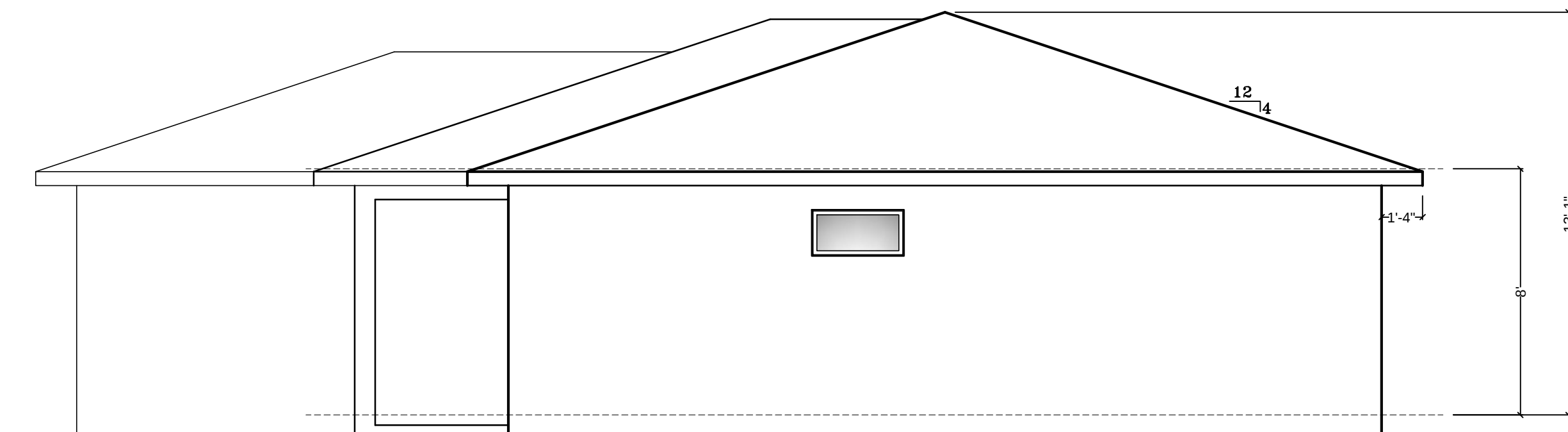
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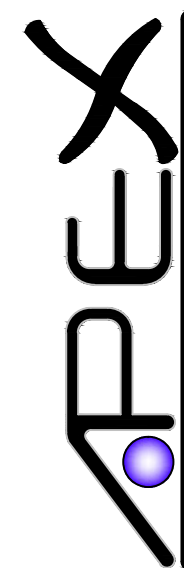


SCALE : $\frac{1}{4}" = 1'-0"$



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GENERAL NOTES:

COMPACT BACK FILL 5'-0" FROM STRUCTURE. MINIMUM ALLOWABLE BEARING CAPACITY SHALL BE 2000 PSF.

CONTRACTOR TO VERIFY MANUFACTURED TRUSS PLAN PRIOR TO PLACEMENT OF STEMWALL OR MONOLITHIC FOOTING.

PLUMBER IS TO INFORM SUPERINTENDENT OF ANY VENTING WHICH UTILIZES A MASONRY WALL TO RESOLVE ANY POSSIBLE STRUCTURAL INTEGRITY ISSUES.

GARAGE DOORS SHALL SATISFY THE REQUIREMENTS OF FBC 2014 FOR WIND LOADS AS DEFINED IN ASCE7-10

NO PENETRATIONS SHALL BE MADE IN ANY STRUCTURAL MEMBERS OTHER THAN THOSE LOCATED ON THESE DRAWINGS WITHOUT PREVIOUS APPROVAL FROM THE ENGINEER OF RECORD.

ALL OTHER JOB SPECIFICATION AND FINISH SPECIFICATIONS TO BE FURNISHED TO GENERAL CONTRACTOR BY THE HOME OWNER AND ARE NOT PART OF THESE DRAWINGS.

BRAND, STYLE, KIND, COLOR, ETC. OF ALL FINISHES & MATERIALS, ELECTRICAL FIXTURES, APPLIANCES, EQUIPMENT AS AGREED & NEGOTIATED BETWEEN OWNER & CONTRACTOR.

DESIGN LOADS AND NOTES:

ROOF -

LIVE LOADS

TOP CHORD (FLAT, PITCHED OR CURVED) - 20PSF
BOTTOM CHORD - 0PSF

DEAD LOADS

TOP CHORD (SHINGLE) - 10PSF
(TILE) - 28PSF
BOTTOM CHORD - 10PSF

FLOOR -

LIVE LOADS

ASSEMBLY AREA - 100PSF
DINING ROOM AND RESTAURANTS - 100PSF
OFFICE

(CORRIDORS ABOVE 1ST FLOOR) - 80PSF
(LOBBIES & 1ST FLOOR CORRIDORS) - 100PSF
OFFICES - 50PSF

RESIDENTIAL
(UNINHABITABLE ATTICS WITHOUT STORAGE) - 10PSF
(UNINHABITABLE ATTICS WITH STORAGE) - 20PSF
(HABITABLE ATTICS & SLEEPING AREAS) - 30PSF
(ALL OTHER AREAS EXCEPT BALCONIES) - 40PSF

STAIRS
(1 & 2 FAMILY DWELLING) - 40PSF
(ALL OTHER) - 100PSF

RETAIL STORES
(FIRST FLOOR) - 100PSF
(UPPER FLOORS) - 75PSF
WHOLESALE STORES - 125PSF

DL = 10PSF IN COMBINATION WITH WIND LOADS.

MEAN ROOF HEIGHT SHALL BE DETERMINED BY TRUSS DESIGNER FROM PLANS.

LATERAL LOADS IN TRUSSES ARE RESISTED BY ROOF DIAPHRAGM AT POINT OF WIND LOAD INPUT UNLESS NOTED OTHERWISE.

TRUSSES MUST BE DESIGNED TO SUPPORT WALLS AGAINST OUT-OF-PLANE LOADS. THIS APPLIES TO ALL TRUSSES WITH A RAISED HEEL CONDITION THAT BEAR ON AN EXTERIOR WALL.

TRUSS MANUFACTURER'S TRUSS LAYOUT SHALL SHOW ALL CONNECTIONS BETWEEN TRUSSES AND OTHER TRUSSES AND BETWEEN TRUSSES AND WOOD BEAMS.

FRAMING NOTES:

WOOD CONSTRUCTION, CONNECTIONS, AND NAILING SHALL CONFORM TO THE FBC 2014 EDITION.

ALL WOOD FRAMING MATERIALS SHALL BE SURFACE DRY AND USED AT 19% MAXIMUM MOISTURE CONTENT

ALL LOAD BEARING WALL FRAMING SHALL BE #2 SOUTHERN PINE.

ALL JOIST AND RAFTER FRAMING SHALL BE #2 SOUTHERN PINE OR HEM-FIR.

ALL FRAMING EXPOSED TO THE WEATHER OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED

ALL DOOR HEADERS AT BEARING WALLS TO BE (2) 2X10 SYP OR BETTER, UNLESS NOTED OTHERWISE.

PREFABRICATED METAL JOIST HANGERS, HURRICANE CLIPS, HOLD-DOWN ANCHORS AND OTHER ACCESSORIES SHALL BE MANUFACTURED BY SIMPSON STRONG TIE COMPANY OR EQUIVALENT. INSTALL ALL ACCESSORIES AS PER MANUFACTURERS REQUIREMENTS. ALL STEEL SHALL HAVE A MINIMUM THICKNESS OF 0.04 INCHES (ASTM A446 GRADE A) AND BE GALVANIZED(COATING G60).

TRUSSES AND BEAMS SHALL BEAR DIRECTLY ON GLB OR SYP POSTS U.N.O. WHERE REQUIRED, SHIMS TO BE A36 STEEL U.N.O.

GLB OR SYP POSTS SHALL BEAR DIRECTLY ON CONCRETE SLAB OR ON SYP OR PT PLATE UNLESS NOTED OTHERWISE.

MEMBERS DESIGNATED 'LVL' (E.G., 1½" x 14" LVL) SHALL BE LAMINATED VENEER LUMBER AS MANUFACTURED BY GEORGIA-PACIFIC (GP LAM® LVL) OR ENGINEER APPROVED SUBSTITUTION.

BOLT HEADS SHALL BE CENTERED & DRILLED NO MORE THAN ⅛" LARGER THAN BOLT DIAMETER. BOLTED CONNECTIONS SHALL BE TIGHT BUT NOT TO THE EXTENT OF CRUSHING WOOD UNDER WASHERS.

ALL NAIL SHANK SIZES TO BE MINIMUM OF 0.131 INCHES.

MASONRY NOTES:

MASONRY CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATION FOR MASONRY STRUCTURES (ACI 530.1-02)", PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE. SEE "TESTING AND INSPECTION NOTES" FOR ADDITIONAL INFORMATION.

HOLLOW LOAD-BEARING MASONRY UNITS SHALL CONFORM TO THE ASTM C-90, AND BE MADE WITH NORMAL WEIGHT AGGREGATE. UNIT COMPRESSIVE STRENGTH OF 1,900 PSI ON NET SECTION TO PROVIDE A MINIMUM NET AREA COMPRESSIVE STRENGTH OF MASONRY (pm) OF 2,500 PSI, AS DETERMINED BY THE STRENGTH METHOD OF ACI 530.1.

FILL ALL BOND BEAMS AND REINFORCED CELLS SOLIDLY WITH GROUT. GROUT SHALL CONFORM TO ASTM C-476 AND SHALL OBTAIN A MIN. 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI, TESTED PER ASTM C-1019 EACH 5,000 S.F. GROUT STOPS ARE TO BE MESHED OR SCREEN TYPE, FELT PAPER IS NOT ALLOWED.

REINFORCED STEEL SHALL BE IN ACCORDANCE WITH ASTM A-615, GRADE 60. SHOP FABRICATE REINFORCING BARS WHICH ARE SHOWN TO BE HOOKED OR BENT. DOWELS SHALL HAVE STANDARD 90 DEGREE HOOKS AND LAPPED WITH FIRST LIFT OF REINFORCING. PROVIDE A MINIMUM LAP OF 40 X BAR DIAMETER.

MORTAR SHALL CONFORM TO ASTM C-270, TYPE M, S, OR N. ALL MORTAR SHALL MEET THE "PROPORTION SPECIFICATION" OF ASTM C-270 AND EVALUATED IN ACCORDANCE WITH ASTM C-780.

UNLESS OTHERWISE INDICATED, ALL WALLS SHALL BE LAID IN RUNNING BOND. BOND CORNERS AND OTHER INTERSECTIONS OF ALL LOAD BEARING WALLS. INTERSECTING NON-LOADBEARING WALLS SHALL BE CONNECTED BY PREFABRICATED TEE AND CORNER HORIZONTAL JOINT REINFORCEMENT @ 16"O.C.

PROVIDE VERTICAL REINFORCING BARS OF THE GIVEN SIZE AND SPACING AS INDICATED. PROVIDE BARS AT WALL CORNERS, INTERSECTION AND PEN EDGES, PROVIDE CLEAN OUTS FOR EACH GROUT POUR EXCEEDING 5FT.

PROVIDE PRECAST LINTELS ABOVE ALL WALL OPENINGS INCLUDING HVAC DUCTS. SEE DRAWINGS FOR LOCATIONS OF ALL OPENINGS. UNLESS OTHERWISE ON PLAN PROVIDE PRECAST LINTELS BELOW AS A MINIMUM.

-OPENINGS LESS THAN 6FT = 8" PRECAST U-LINTEL W/ 1-#5 & 8" KNOCK-OUT COURSE W/ 1-#5, (TYPICAL PERIMETER BOND BEAM 16" TOTAL DEPTH)

- OPENINGS GREATER THAT 6FT = SEE DRAWINGS. PROVIDE ONE REINFORCED CELL EACH SIDE OF OPENING W/ 8" LINTEL BEARING.

ALL WALLS OVER 8' HIGH MUST BE BRACED PRIOR TO POURING TIE BEAMS.

CAST-IN-PLACE CONCRETE NOTES:

CONCRETE MIXES SHALL BE DESIGNED PER ACI 30, USING PORTLAND CEMENT CONFORMING TO ASTM C-150, AGGREGATE CONFORMING TO ASTM C-33, AND ADMIXTURES CONFORMING TO ASTM C-494, C-1017, C-618, C-989 AND C-260. CONCRETE SHALL BE READY-MIXED IN ACCORDANCE WITH ASTM C-94.

CONCRETE SHALL CONFORM TO THE FOLLOWING COMPRESSIVE STRENGTH, SLUMP AND WATER/CEMENT RATIO REQUIREMENT:

IN ALL SALT ENVIRONMENTS A MIN. OF 5000PSI CONCRETE SHALL BE USED. (SLAB SHALL BE EXEMPT.) FOR OTHER ENVIRONMENTS USE 3000 PSI CONCRETE.

ALL CONCRETE WORK SHALL CONFORM TO ASTM ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE BUILDINGS". HOT WEATHER CONCRETE SHALL BE IN ACCORDANCE WITH ACI 305.

ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60.

ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A-185 (FLAT SHEETS ONLY).

ALL REINFORCED STEEL SHALL BE SET AND TIED IN PLACE PRIOR TO POURING OF CONCRETE, EXCEPT THAT VERTICAL DOWELS FOR MASONRY WALL REINFORCING MAY BE "FLOATED" IN PLACE.

REINFORCING STEEL INCLUDING HOOKS AND BENDS, SHALL BE DETAILED IN ACCORDANCE WITH ACI 315. ALL REINFORCING STEEL INDICATED AS BEING CONTINUOUS (CONT) SHALL BE LAPPED 40 X BAR DIAMETER. LAP CONTINUOUS BOTTOM BARS OVER SUPPORTS, LAP CONTINUOUS TOP BARS AT MID-SPAN UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT IN ACCORDANCE W/ ACI 318-08: SECTION 7.7.1.

- A. CONCRETE EXPOSED TO WEATHER:
#6 THROUGH #18 BARS -2"
#5 BAR, W31 OF D31 WIRE & SMALLER - 1½"
B. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
BEAMS AND COLUMNS -1½"
C. FOUNDATIONS EXPOSED TO EARTH -3"

BAR SUPPORTS AND HOLDING BARS SHALL BE PROVIDED FOR ALL REINFORCING STEEL TO INSURE MINIMUM CONCRETE COVER. BAR SUPPORTS SHALL BE PLASTIC TIPPED OR STAINLESS STEEL.

ALL EDGES OF PERMANENTLY EXPOSED CONCRETE SURFACES SHALL BE CHAMFERED ¼" UNLESS OTHERWISE NOTED.

FORMWORK SHALL REMAIN IN PLACE UNTIL CONCRETE HAS OBTAINED AT LEAST 90% OF ITS 28 DAY COMPRESSIVE STRENGTH. THE CONTRACTOR SHALL PROVIDE ALL SHORING AND RESHORING.

ROOF FRAMING NOTES:

THE DESIGN OF ROOF FRAMING SHALL BE BASED ON THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 2010 EDITION.

DESIGN WIND LOADS SHALL BE APPLIED IN ACCORDANCE WITH ASCE 7-10. SEE WIND NOTES FOR WIND DESIGN REQUIREMENTS.

ROOF TRUSS MANUFACTURER SHALL SUBMIT AND PROVIDE COMPLETE LAYOUT AND FURNISH THE FOLLOWING INFORMATION: ROOF PITCH, LUMBER SIZE, SPACING, SPECIES AND GRADING, LOCATION AND MAGNITUDE OF UPLIFT LOADS.

PRE-ENGINEERED TRUSS DESIGN SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER.

ROOF SHEATHING SHALL BE 15/32" CD PLYWOOD OR EQ.

CONTRACTORS SHALL VERIFY WITH ROOF TRUSS PLAN PRIOR TO PLACEMENT OF FOOTINGS.

ROOF TRUSS/ ROOF RAFTER CONNECTION TO DOUBLE TOP PLATE OR WOOD BEAM

USE SIMPSON H10 OR H10-2 AT EACH TRUSS WHERE POSSIBLE. PROVIDE ADDITIONAL TIEDOWNS FOR GREATER UPLIFTS.

WHERE THE H-10 CANNOT BE USED (EG. ON 3-PLY GIRDERS, AT CORNERS, ETC.) USE SIMPSON H2.5 AND ADDITIONAL TIEDOWNS TO MEET UPLIFT REQUIREMENTS.

PRE-ENGINEERED ROOF TRUSSES TO BE APPROVED BY ENGINEER OF RECORD.

FLOOR RAFTER/ I-JOIST/ CONVENTIONAL FRAMING CONNECTION TO DOUBLE TOP PLATE OR DIRECT BEARING ON WOOD BEAM

USE SIMPSON H2.5A AT EACH MEMBER (WITH OR WITHOUT UPLIFT) WHERE POSSIBLE. PROVIDE ADDITIONAL TIEDOWNS FOR GREATER UPLIFTS.

USE TRUSS HANGERS TO ATTACH FLOOR TRUSSES TO LVL BEAMS IF LESS THAN 3-1/2" SQUARE BEARING AREA IS PROVIDED.

PRE-ENGINEERED FLOOR TRUSSES/JOIST TO BE APPROVED BY ENGINEER OF RECORD.

FOR ADDITIONAL TIEDOWNS AS REQUIRED.

WINDOWS / DOORS

EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY AND BEAR AN AAMA, WDMA OR OTHER APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT EVALUATION ENTITY INDICATING COMPLIANCE WITH THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION: ANSI/AAMA/NWDDA.

WINDOW AND DOOR ASSEMBLIES SHALL BE ATTACHED IN STRICT ACCORDANCE WITH THE PUBLISHED MANUFACTURER RECOMMENDATIONS TO ACHIEVE RESISTANCE TO APPROPRIATE WIND SPEEDS WITH 3 SECOND WIND GUSTS AND SHALL INCLUDE THE SPECIFICATION OF BUCK STRIP MATERIALS AND ANCHORING.

WOOD CRIBS ABOVE ARCHED WINDOWS SHALL COMPLY WITH DRAWING DETAIL CONTAINED HEREIN.

ALL SHIM MATERIALS SHALL BE MADE FROM MATERIALS CAPABLE OF SUSTAINING APPLICABLE LOADS, AND LOCATED AND APPLIED IN A THICKNESS CAPABLE OF WITHSTANDING THOSE LOADS.

THE DESIGN RESPONSIBILITY FOR THE INSTALLATION OF DOORS AND WINDOWS IS DELEGATED TO THE SPECIALTY ENGINEER OF THE MANUFACTURER AS REINFORCED WITH IN ALL TESTING DATA REQUIRED SUBMITTED IN CONJUNCTION WITH THIS PLAN.

OPENING PERIMETERS HAVE BEEN DESIGNED TO TRANSMIT THE IMPOSED LOADS TO THE MAIN WIND FORCE RESISTING SYSTEM.

IMPACT GLASS OR SHUTTERS SHALL BE USED

SOIL NOTES:

ALL SOILS SHALL BE FREE OF DEBRIS AND ORGANIC MATERIALS AND COMPACTED TO 95% OF MODIFIED PROCTOR (ASTM D1557).

FOUNDATIONS SHALL BE BUILT ON UNDISTURBED SOIL OR PROPERLY COMPACTED FILL MATERIAL COMPLYING WITH THE FBC-R 2014.

STEM WALL FILL SHALL NOT EXCEED 12" LIFTS. SOIL BELOW FOOTINGS SHALL BE TESTED AND ALL SUBSEQUENT FILL SOILS IN LIFT NOT TO EXCEED 12" INTERVALS.

ALL FILL MATERIAL SHALL BE SP OR SM MATERIAL AS DEFINED BY THE UNIFORM SOIL CLASSIFICATION SYSTEM.

ANY QUESTIONABLE SOIL SHALL BE REMOVED OR BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FOR EVALUATION.

SOIL BEARING CAPACITY IS BASED UPON 2,000 PSF.

WOOD GRADE STAKES ARE PROHIBITED.

PEST/DECAY PROTECTION NOTES:

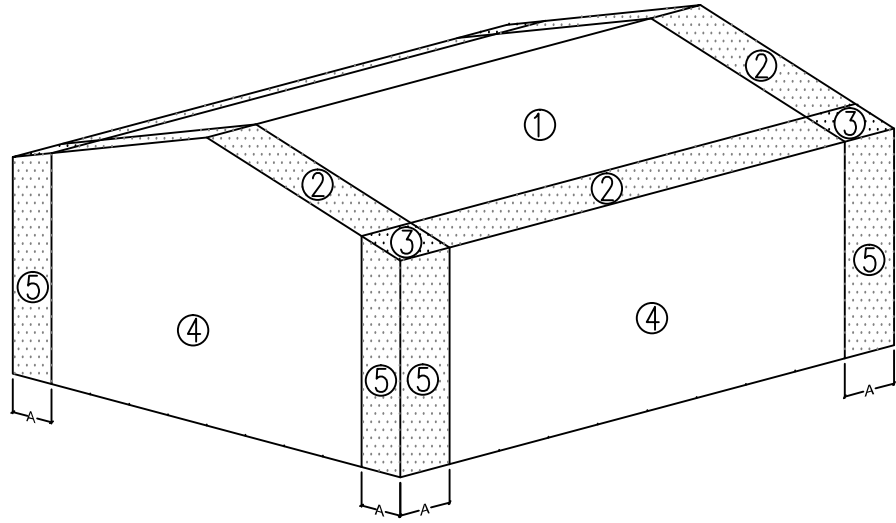
ALL PLANTINGS AND IRRIGATION/SPRINKLER SYSTEMS AND RISERS FOR SPRAY HEADS SHALL BE AT LEAST 1 FOOT FROM BUILDING SIDEWALLS.

SOIL TREATMENT SHALL MEET THE REQUIREMENTS OF 2014 FBC R320 METHOD.

WOOD GRADE STAKES SHALL NOT BE USED.

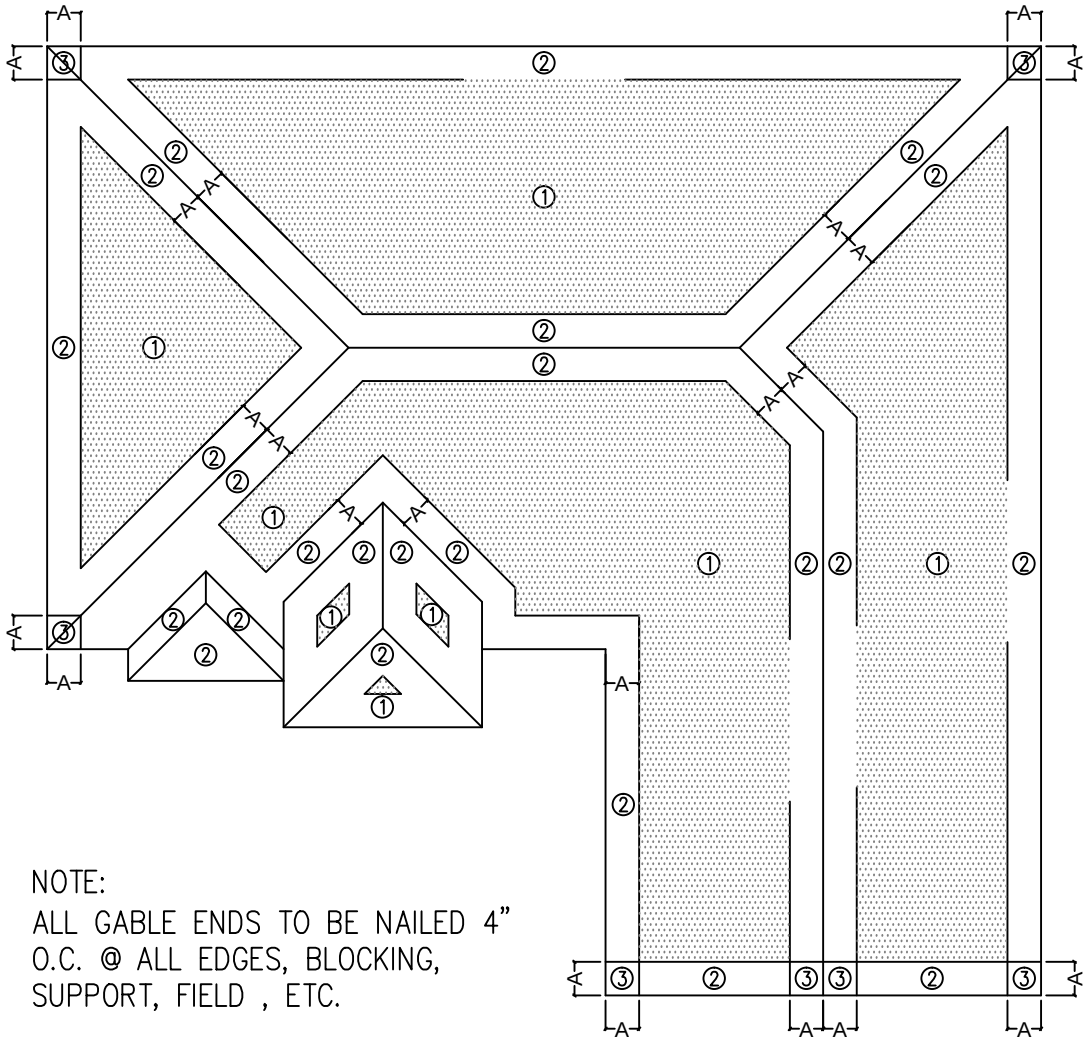
PROTECTION AGAINST DECAY AND TERMITES SHALL BE PROVIDED IN ACCORDANCE WITH 2014 FBC R319.

ROOF FLASHING SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF 2014 FBC R703.7.5, R703.8, R903.2 AND R905.



DESIGN WIND PRESSURES (ASD)
FOR COMPONENTS AND CLADDING (PSF)
150 MPH CAT D @ 15' HEIGHT

TRIBUTARY AREA [SF]	ZONE				
	ROOF			WINDOWS & DOORS	
	1	2	3	4	5
10	+20.6/-32.7	+20.6/-56.9	+20.6/-84.1	+35.7/-38.7	+35.7/-47.8
20	+18.8/-31.8	+18.8/-52.3	+18.8/-78.7	+34.1/-37.1	+34.1/-44.6
50	+16.4/-30.6	+16.4/-46.3	+16.4/-71.4	+32.0/-35.0	+32.0/-40.4
100	+16.0/-29.7	+16.0/-41.8	+16.0/-66.0	+30.4/-33.4	+30.4/-37.1



SHEATHING NOTES:
ROOF SHEATHING TO BE WOOD STRUCTURAL PANEL 15/32" OR GREATER (PLYWOOD OR EQUAL OSB) U.N.O. ENGINEERED ROOF TRUSSES @ 24" O.C. MAXIMUM

NAILING PATTERN:
ZONE 1 = 6" O.C. MAX INTERMEDIATE, 6" O.C. MAX PANEL EDGES
ZONE 2 = 6" O.C. INTERMEDIATE AND 4" O.C. PANEL EDGES
ZONE 3 = 4" O.C. INTERMEDIATE AND EDGES
ZONE 4 = 8" O.C. MAX INTERMEDIATE, 6" O.C. MAX PANEL EDGES
ZONE 5 = 6" O.C. INTERMEDIATE AND EDGES

NAILS: 8d COMMON FOR ½", 10d COMMON FOR ⅝"

"A" DIMENSION = 40% OF EAVE HEIGHT OR 10% OF LEAST HORIZONTAL DIMENSION, WHICHEVER IS LESS, BUT NOT LESS THAN EITHER 4% OF THE LEAST HORIZONTAL DIMENSION OR 3' MINIMUM

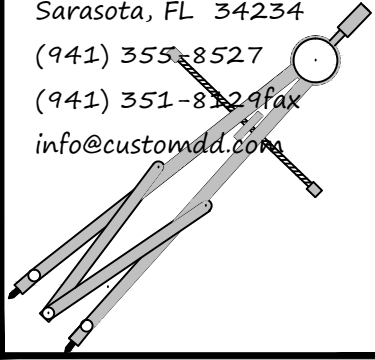
DESIGN CRITERIA

ALL WORK IS TO BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2014.

OCCUPANCY TYPE: R3
CONSTRUCTION TYPE: V
FIRE SPRINKLERED: NO
BASIC WIND SPEED: 150 mph
RISK CATEGORY: II
WIND EXPOSURE: D
BUILDING: ENCLOSURED
PRESSURE DESIGN FACTOR: +/- 0.18

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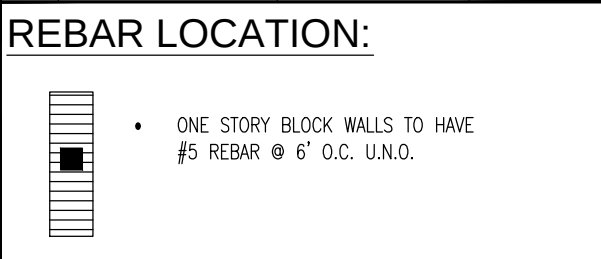
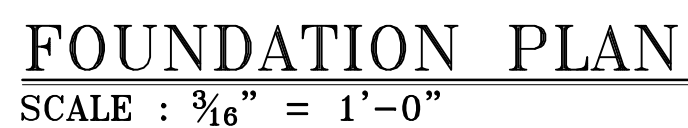
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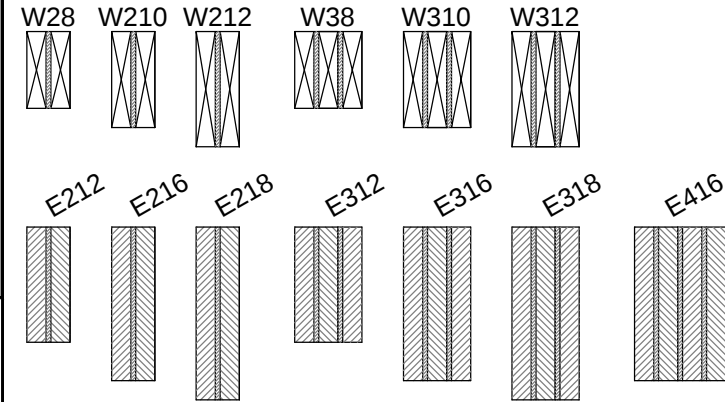
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- ## WOOD BEAM TYPES



*ALL EXPOSED WOOD TO BE
PRESSURE TREATED

MARK	TYPE	SIZE (W x D)	PLY	GRADE	NOTES
W28	SOLID SAWN	2"x8"	2	No. 2	
W210	SOLID SAWN	2"x10"	2	No. 2	
W212	SOLID SAWN	2"x12"	2	No. 2	
W38	SOLID SAWN	2"x8"	3	No. 2	
W310	SOLID SAWN	2"x10"	3	No. 2	
W312	SOLID SAWN	2"x12"	3	No. 2	
E212	ENGINEERED WOOD	3.5"x11.25"		MIN. 1.9 E	
E216	ENGINEERED WOOD	3.5"x16"		MIN. 1.9 E	
E218	ENGINEERED WOOD	3.5"x18"		MIN. 1.9 E	
E312	ENGINEERED WOOD	5.25"x11.25"		MIN. 1.9 E	
E316	ENGINEERED WOOD	5.25"x16"		MIN. 1.9 E	
E318	ENGINEERED WOOD	5.25"x18"		MIN. 1.9 E	
E416	ENGINEERED WOOD	7.0"x18"		MIN. 1.9 E	

*ALL EXPOSED WOOD TO BE
PRESSURE TREATED

MARK	TYPE	SIZE (W x D)	MARK	TYPE	SIZE (W x D)
C01	SOLID SAWN	4"x4"	C07	CMU COLUMN w/ (1) #5	8"x8"
C02	SOLID SAWN	6"x6"	C08	F&P COLUMN w/ (4) #6 #3 STIRRUPS @ 12" O.C.	8"x16"
C03	SOLID SAWN	8"x8"	C09	CMU COLUMN w/ (4) #5 #3 STIRRUPS @ 12" O.C.	12"x12"
C04	ENGINEERED WOOD	3.5"x3.5"	C10	CMU COLUMN w/ (5) #6 #3 STIRRUPS @ 10" O.C.	16"x16"
C05	ENGINEERED WOOD	3.5"x5.25"	C11	STEEL TUBE	3.5"x3.5"x0.25
C06	ENGINEERED WOOD	5.5"x5.25"	C12	STEEL TUBE	4"x4"x0.25

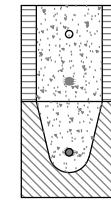
SEE GENERAL NOTES PAGE FOR BUILDING SPECIFICATIONS, CONSTRUCTION NOTES,
SCOPE OF WORK AND DESIGN CRITERIA.

PRE-ENGINEERED TRUSS PLANS BY OTHERS TO BE REVIEWED & SIGNED BY ARCHITECT
OF RECORD BEFORE PERMIT ISSUANCE.

ALL GIRDER TRUSSES SET ON CMU WALLS TO HAVE FILLED CELLS DIRECTLY BELOW

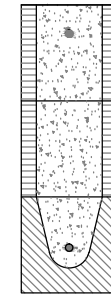
TYPICAL FOR CMU
SUPPORTED WALLS AND
OPENINGS LESS THAN 6'-0"
U.N.O.

 8"x8" PRECAST LINTEL
BLOCK w/
L01 (1) #5 REBAR BOTTOM
FILLED SOLID

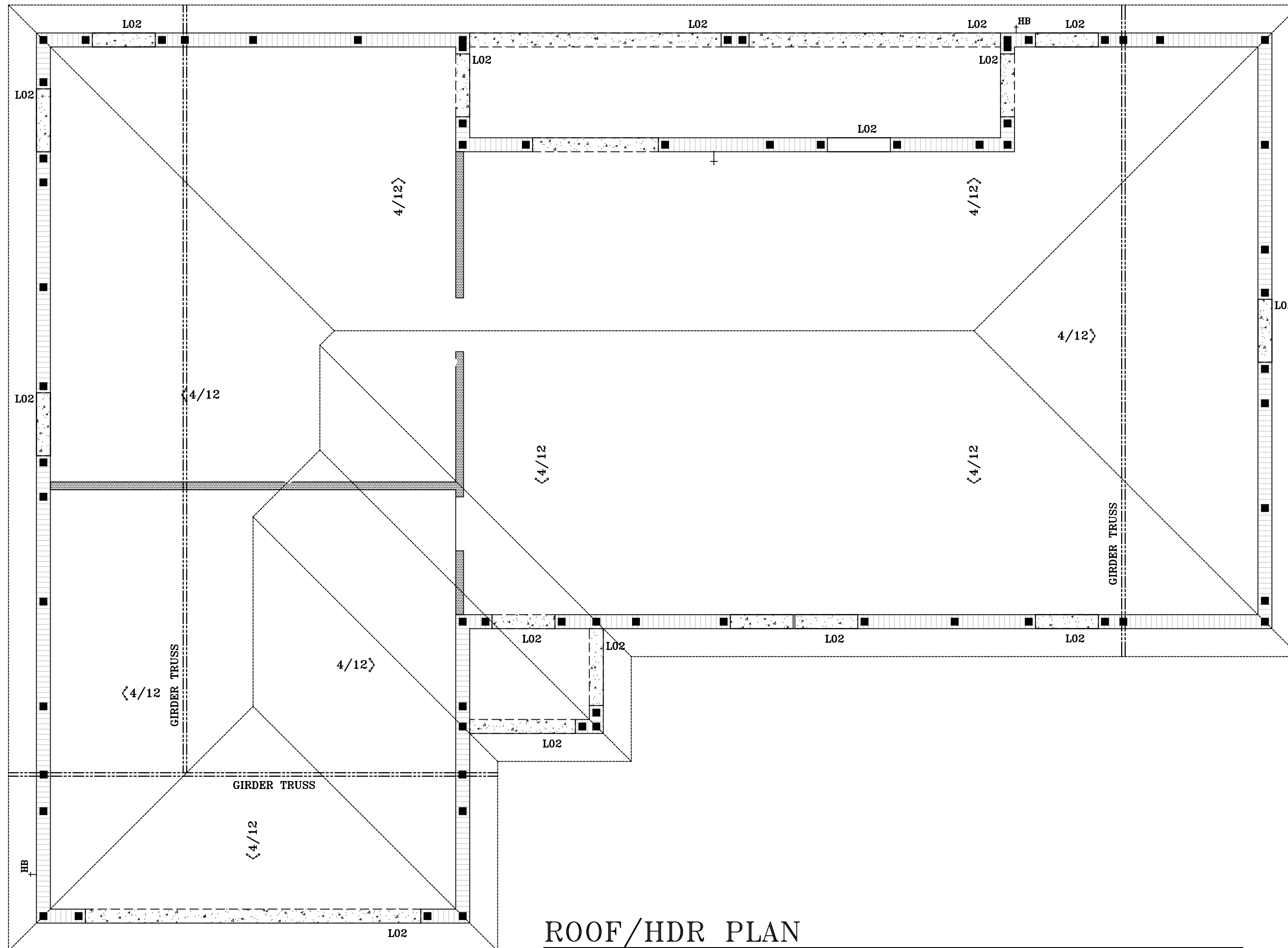


TYPICAL OPENINGS GREATER
THAN 6'-0" U.N.O.

L02 (1) #5 REBAR TOP &
(1) #5 REBAR BOTTOM
FILLED SOLID



8"x24" PRECAST LINTEL
BLOCK w/
(1) #5 REBAR TOP &
(1) #5 REBAR BOTTOM
FILLED SOLID

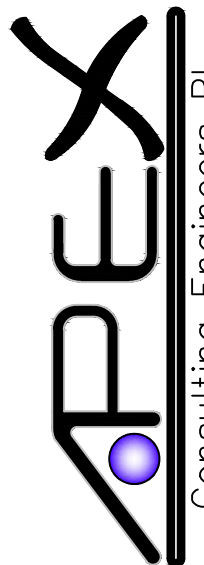


SCALE : $\frac{1}{4}" = 1'-0"$

PRE-ENGINEERED TRUSS PLANS BY OTHERS TO BE REVIEWED & SIGNED
BY ENGINEER OF RECORD BEFORE PERMIT ISSUANCE.

1821 Myrtle Street
Sarasota, FL 34234
(941) 355-8527
(941) 351-8129 fax
info@customadd.com

*New Residence for
Lot 19
Port Charlotte, Florida*



DEREK W NEWCOMER, PE #69010
4315 53RD AVE E, BRADENTON FL 34203
TEL (941) 365-1900/ FAX (888)365-4041
EMAIL : DEREK@APEXENGINEER.COM

Structural Components Only

ISSUE DATE

[illegible]

S-3



FOR SI UNITS: 1 INCH = 25.4 mm, 1 FOOT = 304.8mm



SCALE: NTS

- 5/8" x 6" TITEN HD'S, ARE ACCEPTABLE SUBSTITUTIONS FOR ANCHOR BOLTS IN THIS SPECIFIC SITUATION.



SCALE: NTS



SCALE: NTS



SCALE: NTS



SCALE: NTS



SCALE: NTS

Diagram illustrating the CMU Option for Sheathing Panels. The diagram shows a cross-section of a wall assembly. The sheathing panels are to be equally split between the wall and gable end. The assembly includes chords (frame), M5M30 or HETA12 (32" O.C.), and K.O. blocks.



SCALE: NTS

New Residence for
Lot 19
Port Charlotte, Florida

Structural Components Only

S-4

Custom Design &
Drafting of
Bradenton, Inc.

1821 Myrtle Street
Sarasota, FL 34234
(941) 355-8527
(941) 351-8294 fax
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New Residence for
Lot 19
Port Charlotte, Florida

Cert. of Auth. #28488
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Consulting Engineers, P.L.
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Structural Components Only

JOB# D16-039

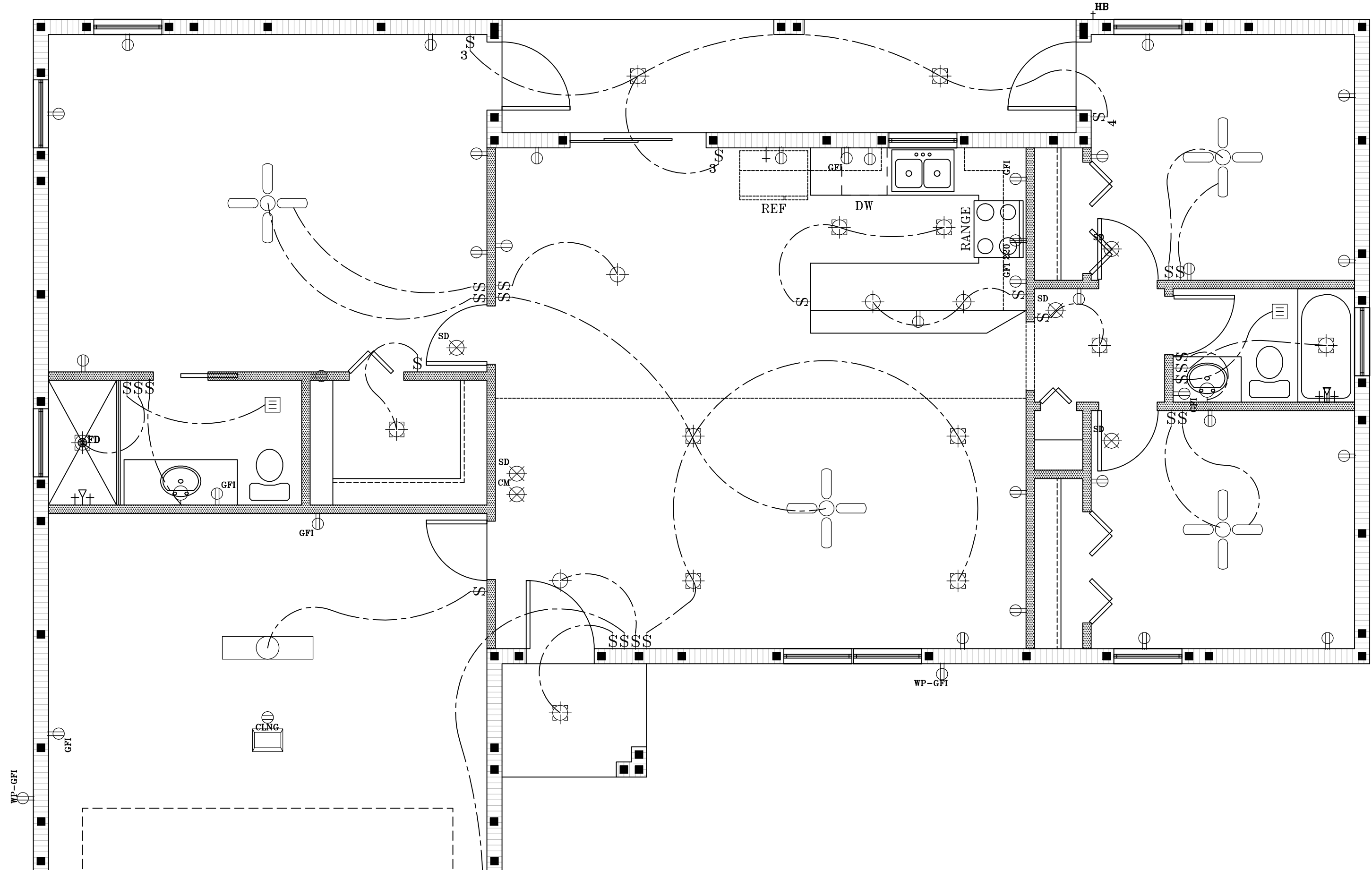
ISSUE DATE

DATE	BY	REASON
3/7/16	JTL	Construction Doc's
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

DRAWN JTL	CHECKED JTL	APPROVED JTL
--------------	----------------	-----------------

SHEET #

E-1



ELECTRICAL LEGEND

\$	SWITCH		QUADRUPLEX		THERMOSTAT		FLOODLIGHT
\$	THREE-WAY SWITCH		CEILING DUPLEX		SMOKE DETECTOR		VENT
\$	FOUR-WAY SWITCH		FLOOR DUPLEX		CARBON MONOXIDE DETECTOR		VENT AND LIGHT
\$	RHEOSTAT		JUNCTION		CEILING LIGHT		HEAT AND LIGHT
\$	DUPLEX		DOOR BELL		RECESSED CEILING LIGHT		HEAT AND VENT
\$	GFCI DUPLEX		GARAGE DOOR		RECESSED EYEBALL LIGHT		HEAT, VENT AND LIGHT
\$	COUNTERTOP DUPLEX		PHONE OUTLET		WALL HUNG LIGHT		
\$	SPLIT WIRED DUPLEX		TV OUTLET		EYEBALL LIGHT		
1/2	220 VOLT OUTLET		SPEAKER		LANDSCAPING LIGHT		

ELECTRICAL NOTES

ELECTRICAL WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
1. POWER FOR CONNECTIONS TO EQUIPMENT PROVIDED AND INSTALLED BY OTHER TRADES, I.E., HVAC EQUIP.
2. REFER TO SITE PLAN SHEET FOR LOCATIONS OF ADDITIONAL LIGHTING COMPONENTS.
3. DRAWINGS ARE SCHEMATIC ONLY, AND ARE NOT INTENDED TO DEPICT A COMPLETE ELECTRICAL SYSTEM. CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIAL REQ'D FOR A COMPLETE WORKING ELECTRICAL SYSTEM IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION.
4. NOTIFY BUILDER FOR FIELD VERIFICATIONS AND APPROVAL OF FINAL LOCATIONS OF SWITCHES, LIGHT FIXTURES, AND ELECTRICAL OUTLETS PRIOR TO WIRING. BUILDER RESERVES THE RIGHT TO CHANGE LOCATIONS OF ELECTRICAL SYSTEM COMPONENTS.
5. ALL ELECTRICAL SWITCHES, OUTLETS, ETC. TO BE INSTALLED ABOVE FLOOD ELEVATION 9'-10'-0" NSVD)
6. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS AS REQUIRED BY NATIONAL ELECTRIC CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.

7. PROVIDE AND INSTALL GROUND FAULT CIRCUIT-INTERRUPTERS (GFI) AS REQUIRED BY NATIONAL ELECTRIC CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
8. UNLESS OTHERWISE INDICATED, INSTALL SWITCHES & RECEPTACLES AT THE FOLLOWING HEIGHTS ABOVE FINISH FLOOR:
42".....SWITCHES
14".....OUTLETS
14".....TELEPHONE
14".....TELEVISION
9. EXACT FIXTURE LOCATIONS TO BE CHOSEN & VERIFIED BY OWNER(S)
10. ELECTRICAL PANEL TO BE GROUNDED TO FOOTING STEEL.
11. OWNER AND/ OR CONTRACTOR TO VERIFY EXISTENCE AND LOCATION OF SECURITY, INTERCOM, OR CENTRAL VACUUM SYSTEMS- REFER TO SHOP DRAWINGS FOR SPECIFICATIONS.
12. OWNER TO LOCATE ELECTRIC, CATV, AND SPEAKER WIRE LOCATIONS IN ACTIVITY ROOM FEATURE WALL @ ELECTRIC WALK-THRU. DRAWINGS FOR SPECIFICATIONS.
13. ALL BEDROOMS TO BE SUPPLIED WITH ARC FAULT CIRCUITS.

ELECTRICAL PLAN

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