

AREA (SQFT):  
 LIVING...1439  
 GARAGE...489  
 ENTRY...17  
 LANAI...200  
 TOTAL...2145

WINDOW SIZES	INTERIOR DOOR SIZES
(3014)...36"W X 16"H FIXED	WIDTH:
(1H4)...27"W X 50"H SH	(1/6)...18"W (4/0)...48"W
(25)...38"W X 63"H SH	(2/0)...24"W (4/8)...56"W
(35)...54"W X 63"H SH	(2/4)...28"W (5/0)...60"W
	(2/6)...30"W (5/4)...64"W
	(2/8)...32"W (6/0)...72"W
	(3/0)...36"W
ALL SIZES ARE APPROXIMATE. REFER TO MANUFACTURER SIZE CHART FOR ACCURATE DIMENSIONS.	HEIGHT:
*MEETS EGRESS REQUIREMENT	6'-8"H
SEE PAGE N5.1 FOR ADDITIONAL INFORMATION CONCERNING AREAS THAT REQUIRE SAFETY GLAZING.	SEE BUILDER
CEILING HT:	DOOR SIZE EXAMPLE:
9'-4" AFF UNLESS NOTED	(3068)...36"W X 80"H (3'-0"W X 6'-8"H)
	(3080)...36"W X 96"H (3'-0"W X 8'-0"H)
	(XXXX)...WIDTH (FT) AND HEIGHT(FT)

NOTE TO FRAMING CONTRACTOR:  
 MAKE MINOR ADJUSTMENTS AS NEEDED TO ACCOMMODATE FOR PLUMBING.

PAGE INDEX: (12) PAGES

A1.1...	FLOOR PLAN
A1.2...	FLOOR PLAN
A2.1...	ELEVATIONS
E3.1...	ELECTRICAL PLAN
FL4.1...	FLASHING DETAILS
N5.1...	NOTES AND PRODUCT APPROVAL
PM6.1...	PLUMBING AND AC
S7.1...	STRUCTURAL DETAILS
S8.1...	ROOF PLAN
S8.2...	TRUSS PLAN
S9.1...	FOUNDATION PLAN
S9.2...	EXTERIOR WALL PLAN

ALL DIMENSIONS SHOWN MAY VARY SLIGHTLY DUE TO MATERIAL SIZES AND THICKNESS.  
 STEPS THAT ARE SHOWN MAY VARY IN NUMBER OF STEPS REQUIRED.  
 STEP SIZE: TREAD 11" MIN-RISER 7-3/4" MAX.

Draftsman will apply due diligence against errors and omissions, but errors and omissions may occur. Please review your plans, as well as your builder. Trinity Drafting LLC will correct all errors and/or omissions prior to construction without cost. Draftsman's liability limit will not exceed the price of the plans.

IT APPEARS THAT THE LOCATION OF THE HOME IS NOT LOCATED IN A FLOOD PRONE AREA...VERIFY WITH SITEPLAN

FLOOD NOTE: (IMPORTANT)  
 IF HOME IS TO BE LOCATED IN A FLOOD PRONE AREA, SEE PAGE A1.1 FOR ANY FLOOD NOTE REQUIREMENTS.

**TRINITY DRAFTING LLC**  
 813.482.2463  
 www.trinitydrafting.com  
 Jody Willis...owner  
 713 Whitehall St.  
 Plant City, FL  
 33563

DRAW DATE:  
 NOTE...PLAN MUST BE PERMITTED WITHIN 6 MONTHS OF DRAW DATE OR REVISION FEES MAY APPLY

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THE ENGINEER HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURER'S LAYOUT TO DETERMINE ANY LOAD BEARING CONDITIONS AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER LOAD INFORMATION IS SUPPLIED TO THE ENGINEER.

SEAL

REDINGTON 4 MODEL

FLOOR PLAN WITH DIMENSIONS

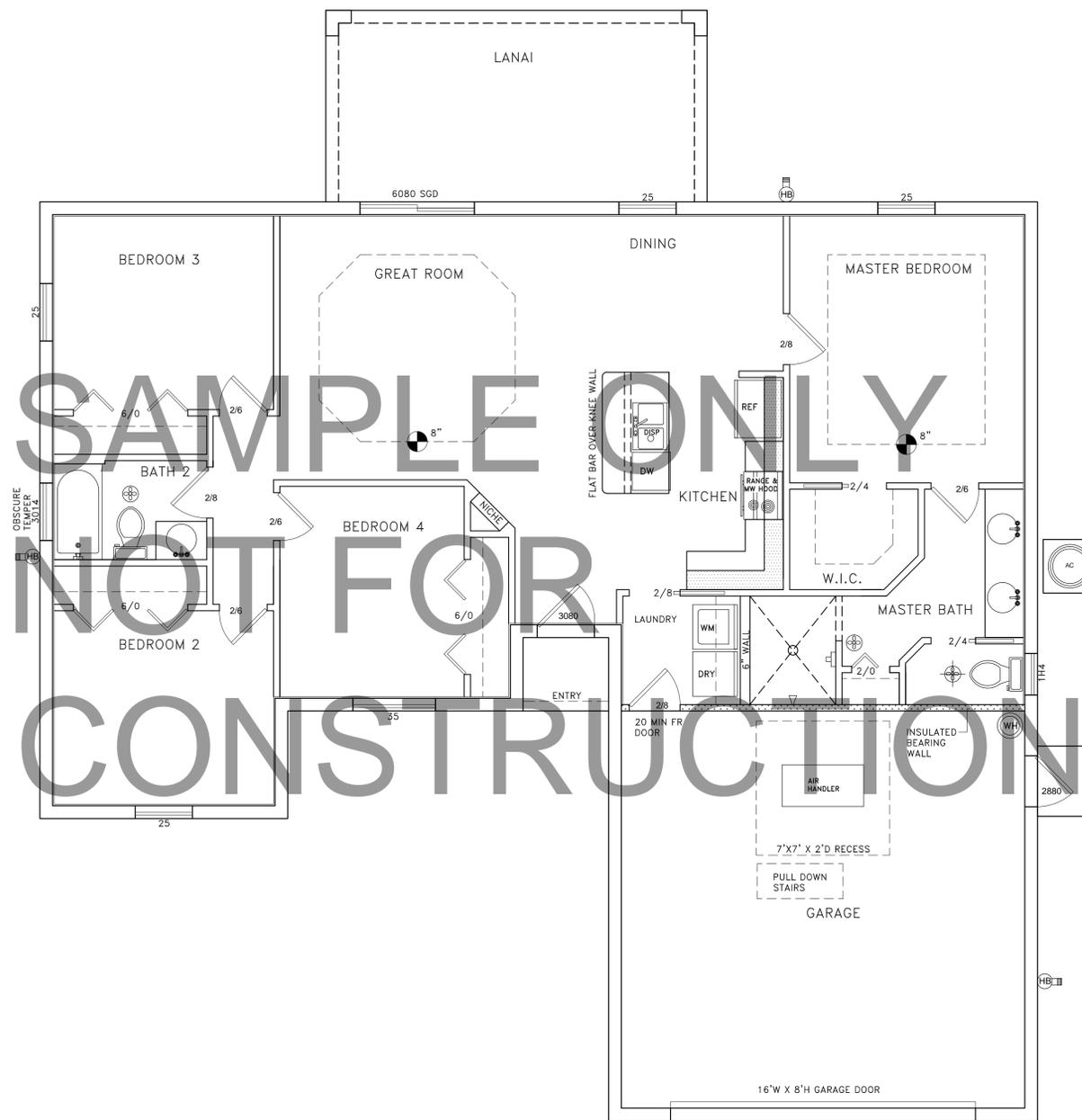
CUSTOMER:

ADDRESS:

DATE:

SCALE: 1"=4'

A1.1



AREA (SQFT):  
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WINDOW SIZES	INTERIOR DOOR SIZES
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A1.2

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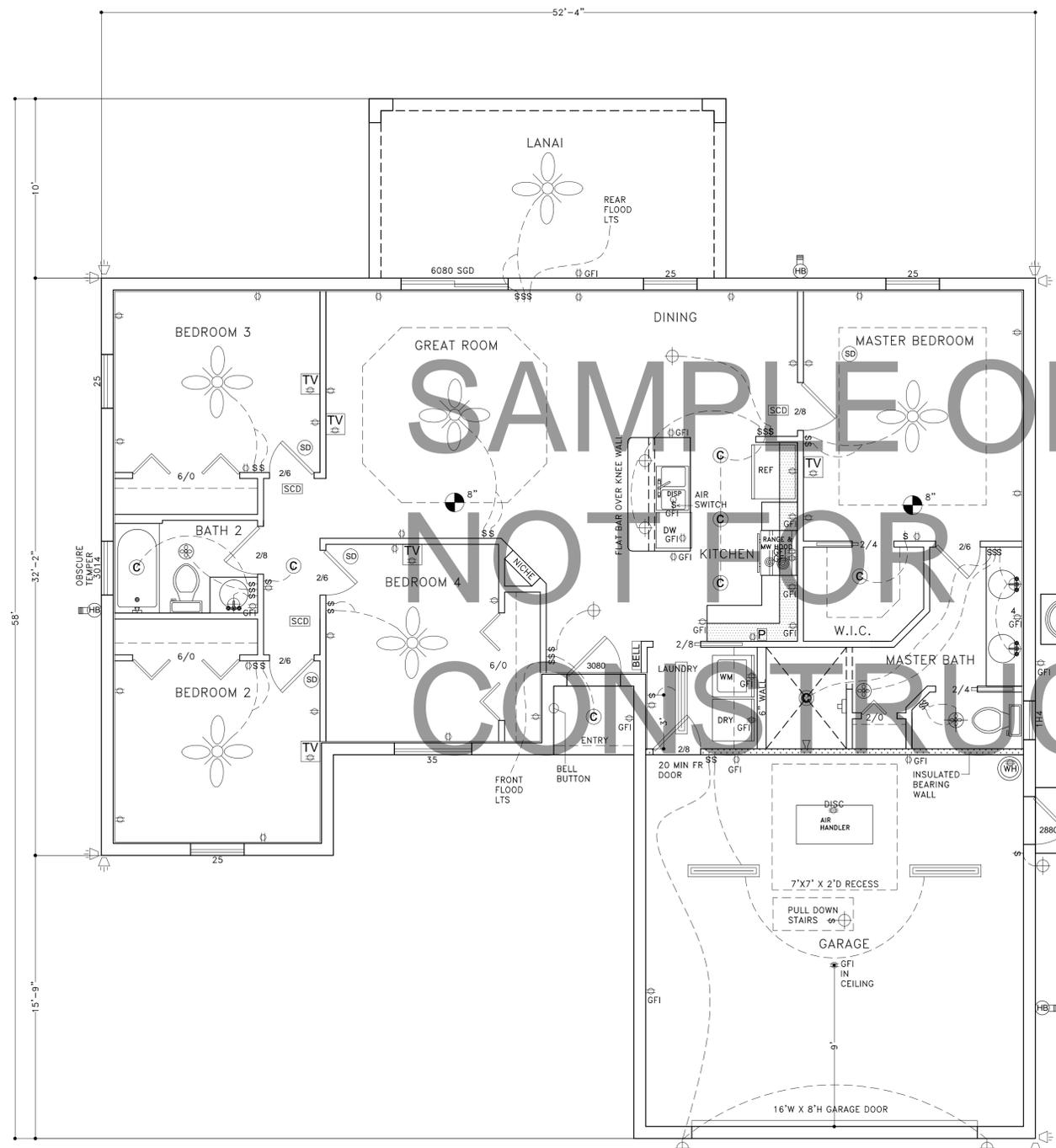
FLOORPLAN WITHOUT DIMENSIONS

SCALE: 1"=4'

REDINGTON 4 MODEL

SEAL

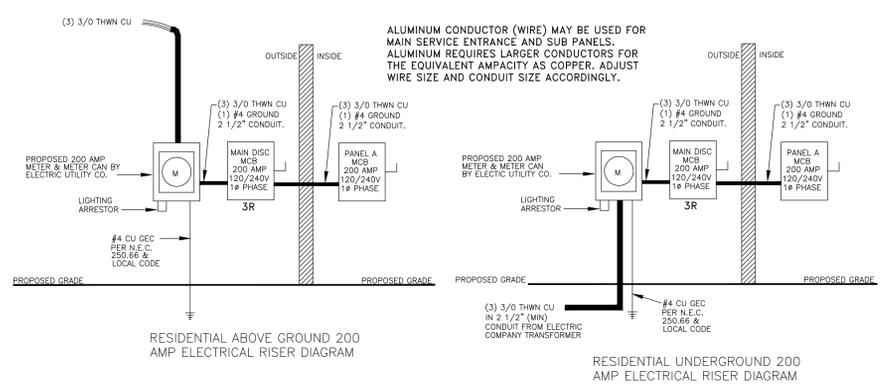
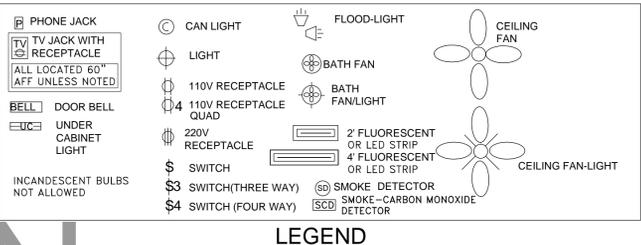




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**ELECTRICAL NOTES:**  
 ALL ELECTRICAL TO MEET ELECTRICAL (NEC) AND FIRE CODES  
 CODE SUPERSEDES PLANS IN CASE OF DISCREPANCY  
 ELECTRICAL PANEL/METER LOCATION TO BE DETERMINED  
 OWNER/BUILDER TO VERIFY LOCATION OF ALL ELECTRICAL DEVICES BEFORE INSTALLATION  
 ALL RECEPTACLES WITHIN 6' OF WET AREAS (TUBS, SHOWERS, SINKS, ETC.) TO BE GFI.  
 ALL RECEPTACLES ON THE EXTERIOR OF THE HOME TO BE WEATHER RESISTANT (COVERED) GFI  
 ALL 120V CIRCUITS MUST BE ARC FAULT (AFCI) PROTECTED. ALL GFI RECEPTACLES MUST BE DUAL FUNCTION (GFCI-AFCI) PROTECTED.  
 ALL 120V RECEPTACLES MUST BE TAMPER RESISTANT  
 VERIFY WITH OWNER FOR LOW VOLTAGE (PHONE, TV, ETC) LOCATIONS

**SPECIAL NOTES:**  
 PLAN SHOWS WIRING FOR FIXTURES AND APPLIANCES, HOWEVER THE ACTUAL FIXTURES AND APPLIANCES MAY BE OPTIONAL (SEE BUILDER)  
 WELL AND POOL EQUIPMENT LOCATIONS... (SEE BUILDER)



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NOTE: FL STATE STATUTE 471.003(2) ELECTRICAL, PLUMBING, AND MECHANICAL CONTRACTORS MAY PROVIDE ALL NECESSARY INFORMATION NEEDED FOR PERMITTING FOR A PROJECT OF THIS SIZE WITHOUT AN ENGINEER'S SEAL.  
 NOTE: IT IS THE RESPONSIBILITY OF THE SUB CONTRACTOR TO REVIEW THE PLANS FOR ACCURACY. THE SUB CONTRACTOR HAS THE RIGHT AND RESPONSIBILITY TO CHANGE OR CORRECT THE PLANS IN ORDER TO MEET THE REQUIREMENTS THEIR COMPANY DEEMS NECESSARY TO FULFILL THEIR WARRANTY. PLANS MUST ALSO MEET THE PRESENT CODE REQUIREMENTS.

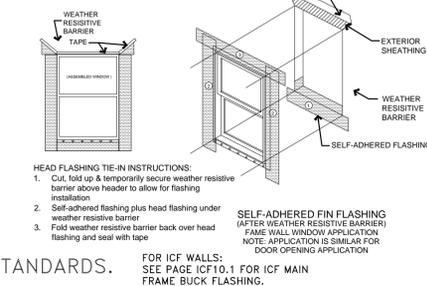
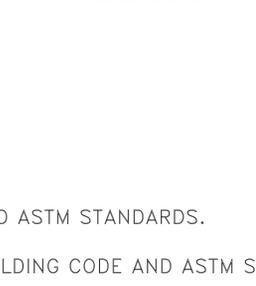
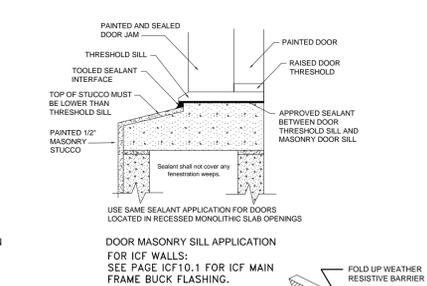
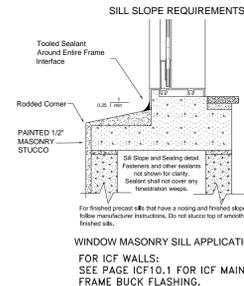
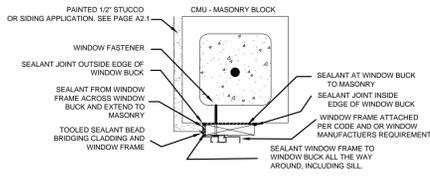
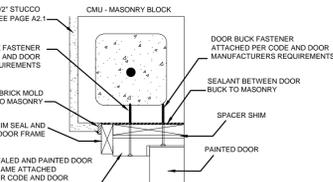
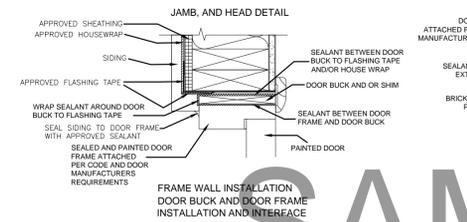
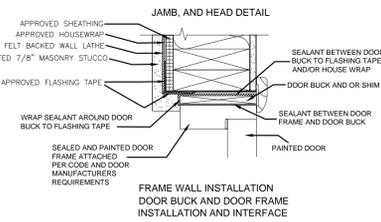
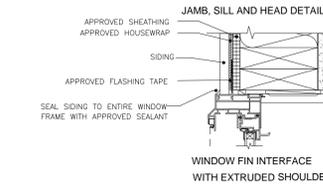
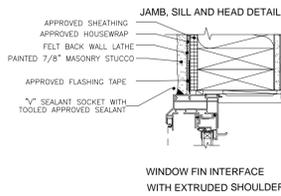
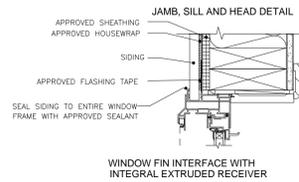
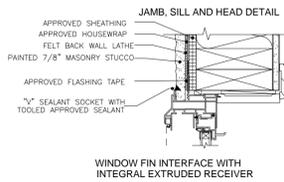
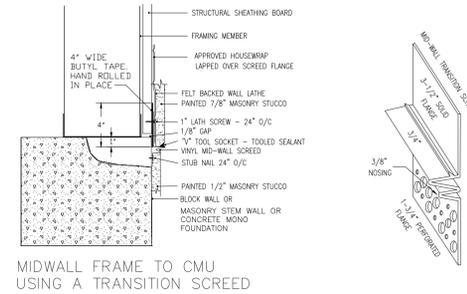
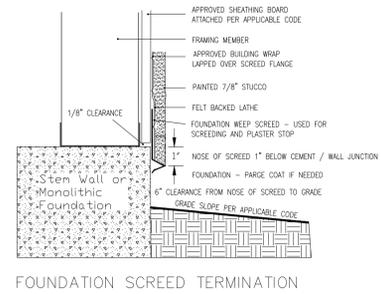
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SEAL	REDINGTON 4 MODEL
ELECTRICAL	SCALE: 1"=4' 1/4"
CUSTOMER:	
ADDRESS:	
DATE:	
E3.1	



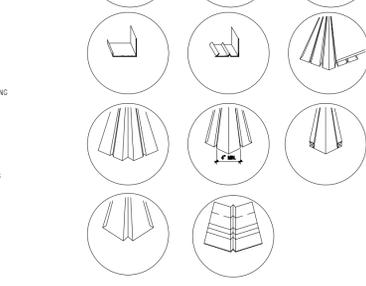
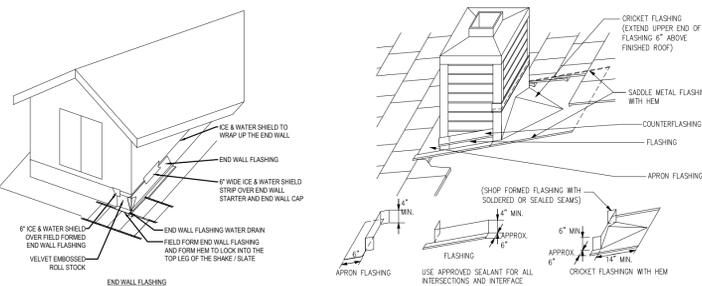
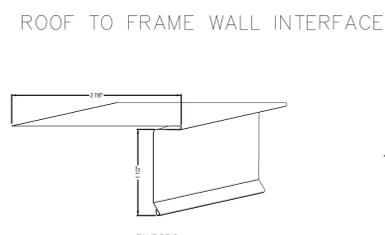
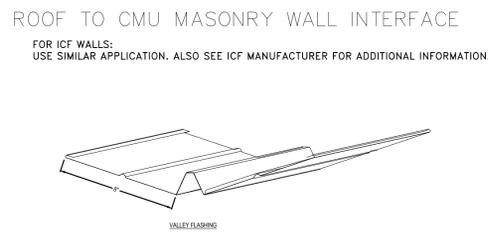
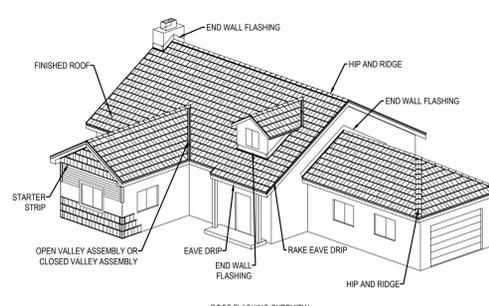
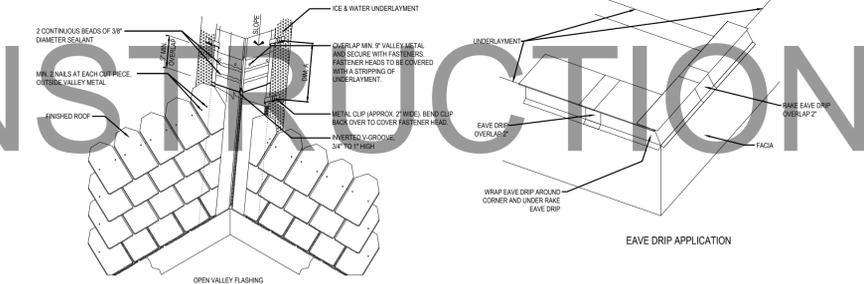
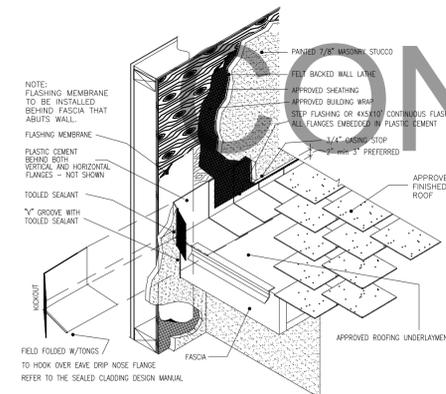
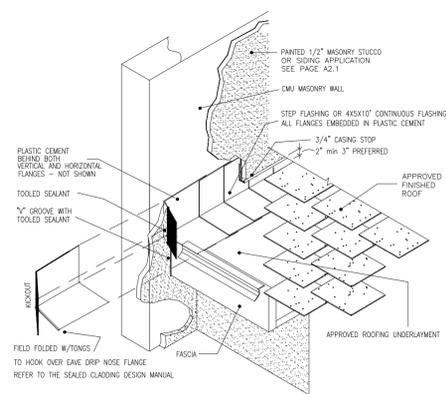
SAMPLE ONLY

NOT FOR CONSTRUCTION

WALL TO WALL FLASHING—DOOR FLASHING—WINDOW FLASHING

NOTE:

- ALL FLASHING APPLICATIONS MUST MEET MANUFACTURERS REQUIREMENTS.
- ALL FLASHING APPLICATIONS SHOWN ABOVE MEET THE CURRENT FLORIDA BUILDING CODE (SHOWN ON PAGE N5.1) AND ASTM STANDARDS.
- SEE PAGE N5.1 AND PAGE S7.1 FOR MORE INFORMATION.
- OTHER FLASHING OPTIONS EXIST (THAT ARE NOT SHOWN) AND ARE ACCEPTABLE THAT MEET THE CURRENT FLORIDA BUILDING CODE AND ASTM STANDARDS.



ROOF TO WALL FLASHING—ROOF FLASHING

- NOTE:
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  - ALL FLASHING APPLICATIONS SHOWN ABOVE MEET THE CURRENT FLORIDA BUILDING CODE (SHOWN ON PAGE N5.1) AND ASTM STANDARDS.
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FL4.1

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SEAL

REDINGTON 4 MODEL

FLASHING DETAILS

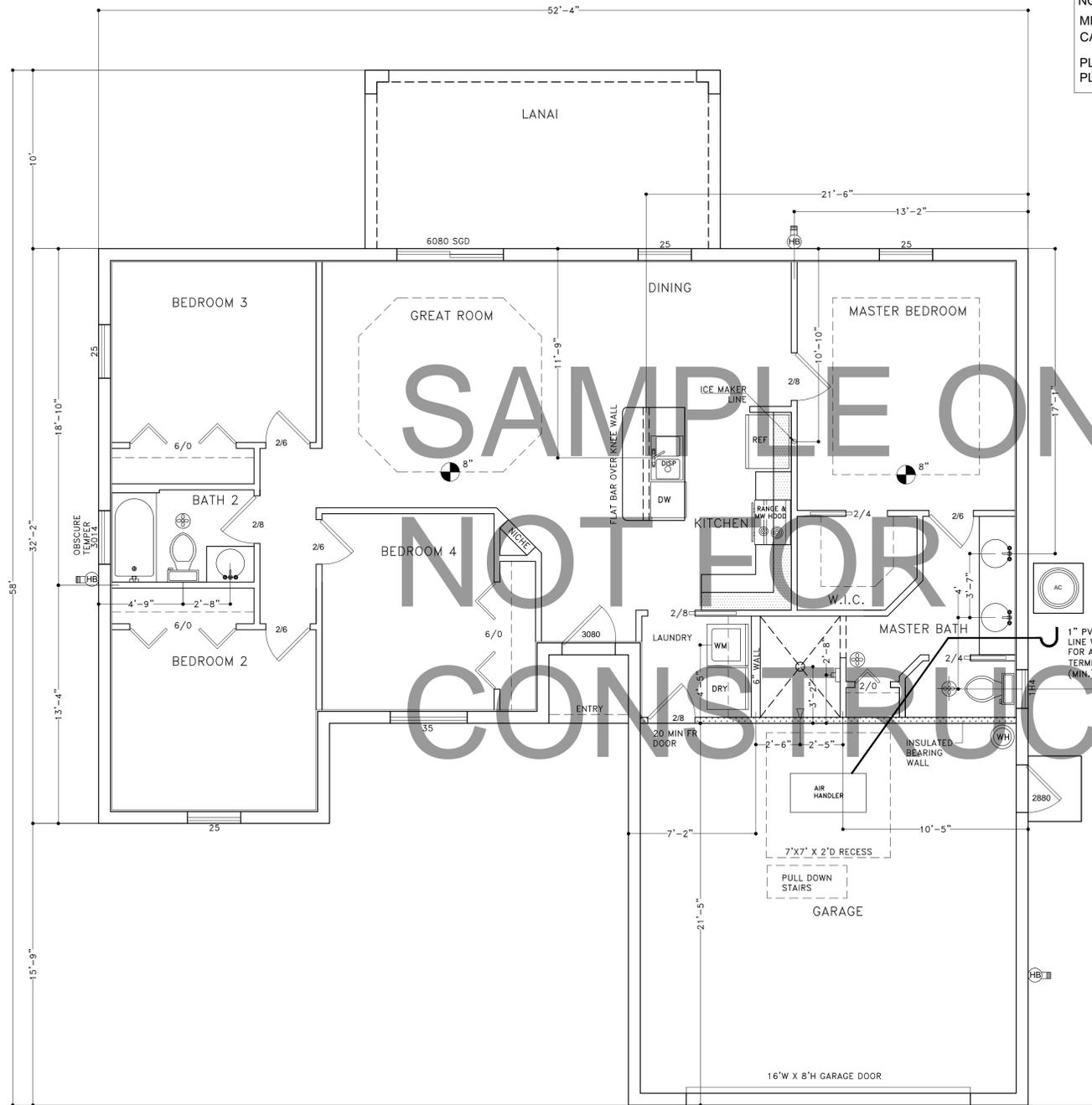
CUSTOMER:

ADDRESS:

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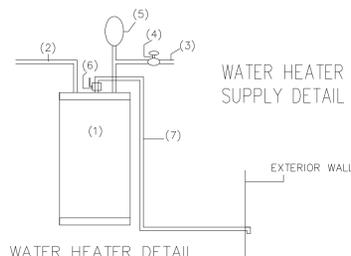
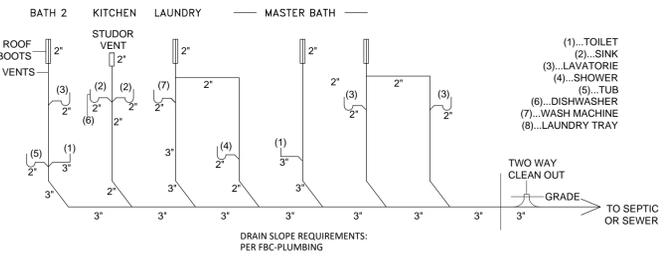
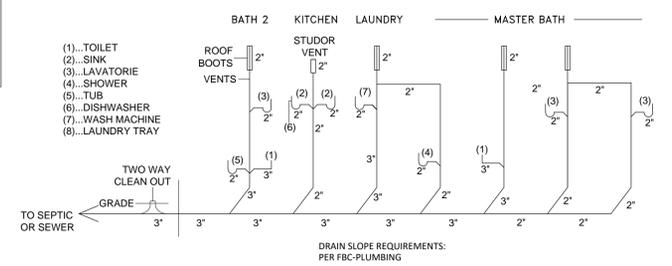
SEE ENERGY CALCULATIONS  
(WHICH ARE PART OF THE CONSTRUCTION  
DOCUMENTS FEC R-103.2)  
FOR INSULATION AND EFFICIENCY FACTORS

NOTES:  
MECHANICAL PLAN/ENGINEERING AND ENERGY  
CALCS TO BE SUPPLIED BY A/C COMPANY  
PLUMBING LAYOUT TO BE SUPPLIED BY  
PLUMBING COMPANY

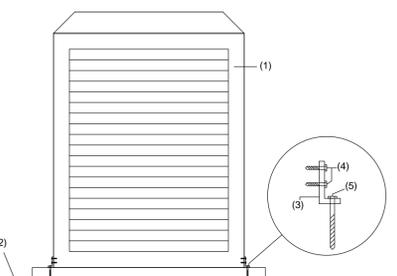
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304.3 ELEVATION OF IGNITION SOURCE  
EQUIPMENT AND APPLIANCES HAVING AN IGNITION SOURCE AND LOCATED IN  
HAZARDOUS LOCATIONS AND PUBLIC GARAGES, PRIVATE GARAGES, REPAIR GARAGES,  
AUTOMOTIVE MOTOR FUEL-DRIVEN FACILITIES AND PARKING GARAGES SHALL BE  
ELEVATED SUCH THAT THE SOURCE OF IGNITION IS NOT LESS THAN 18 INCHES (457  
MM) ABOVE THE FLOOR SURFACE ON WHICH THE EQUIPMENT OR APPLIANCE EXISTS.  
FOR THE PURPOSE OF THIS SECTION, ROOMS OR SPACES THAT ARE NOT PART OF THE  
LIVING SPACE OF A DWELLING UNIT AND THAT COMMUNICATE DIRECTLY WITH A  
PRIVATE GARAGE THROUGH OPENINGS SHALL BE CONSIDERED TO BE PART OF THE  
PRIVATE GARAGE.  
EXCEPTION: ELEVATION OF THE IGNITION SOURCE IS NOT REQUIRED FOR APPLIANCES  
THAT ARE LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT.

304.3 PRIVATE GARAGES  
APPLIANCES LOCATED IN PRIVATE GARAGES AND CARPORTS SHALL BE INSTALLED  
WITH A MINIMUM CLEARANCE OF 6 FEET (1829 MM) ABOVE THE FLOOR.  
EXCEPTION: THE REQUIREMENTS OF THIS SECTION SHALL NOT APPLY WHERE THE  
APPLIANCE IS PROTECTED FROM MOTOR VEHICLE IMPACT AND INSTALLED IN  
ACCORDANCE WITH SECTION 304.3.



- 1...40 GAL ELECT WH  
2...3/4" HOT WATER CPVC LINE (OUT)  
3...3/4" COLD WATER CPVC LINE (IN)  
4...3/4" BALL VALVE  
5...THERMAL EXPANSION TANK  
6...THERMAL AND PRESSURE RELIEF VALVE  
7...3/4" CPVC RELIEF LINE...BRING DOWN AND  
TERMINATE THROUGH EXTERIOR WALL AND 90 DOWN.  
NOTE: TERMINATE AT AN ELEVATION AND LOCATION  
AS NOT TO CAUSE HARM OR INJURY IN CASE OF  
HOT WATER DISCHARGE.



- 1...AC CONDENSER UNIT  
2...AC (CONCRETE SLAB) POURED OR PREFAB  
3...2" BMP AC TIE DOWN ANCHOR LOCATED AT EACH CORNER TOTAL OF (4)  
4...3/16"X1" SHEET METAL SCREWS. (2) PER ANCHOR.  
5...1/4"X2-1/2" TAPCON. (1) PER ANCHOR  
\* FLORIDA PRODUCT APPROVAL #FL14239.1

Horizontal drains within buildings.  
All horizontal drains shall be provided with cleanouts located not more than 100 feet apart.

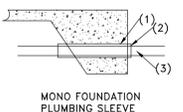
Building sewers.  
Building sewers shall be provided with cleanouts located not more than 100 feet apart measured from the upstream entrance of the cleanout. For building sewers 12 inches and larger, manholes shall be provided and located not more than 200 feet (60 960 mm) from the junction of the building drain and building sewer, at each change in direction and at intervals of not more than 400 feet (122 m) apart. Manholes and manhole covers shall be of an approved type.

Location of shutoff valves.  
Shutoff valves shall be installed in the following locations:

- On the fixture supply to each plumbing fixture other than bathtubs and showers in one- and two-family residential occupancies, and other than in individual sleeping units that are provided with unit shutoff valves in hotels, motels, boarding houses and similar occupancies.
- On the water supply pipe to each sillcock in other than one- and two-family residential occupancies.
- On the water supply pipe to each appliance or mechanical equipment.

FIXTURE SCHEDULE:  
LAVS... (STANDARD) WITH STANDARD LEVER FAUCET  
SINKS... (STANDARD) WITH STANDARD LEVER FAUCET  
TOILETS... (STANDARD) TANK TYPE (PORCELAIN)  
TUBS... (STANDARD) FIBERGLASS, ACRYLIC, OR PORCELAIN VENEER

REQUIRED:  
HOT WATER TEMPERING VALVES  
AT HW FIXTURES (NOT TO EXCEED  
110 DEGREES FAHRENHEIT)



- MONO FOUNDATION PLUMBING SLEEVE  
(1)...PVC PLUMBING PIPE SLEEVE  
(2)...SEAL AREA AROUND PLUMBING DRAIN/SUPPLY LINE.  
(3)...PLUMBING DRAIN/SUPPLY LINE.  
NOTE: SLEEVE MUST MEET THE FBC-P

Penetration:  
Protective sleeves around piping penetrating concrete slab-on-grade floors shall not be of cellulose-containing materials. If soil treatment is used for subterranean termite protection, the sleeve shall have a maximum wall thickness of 0.010 inch, and be sealed within the slab using a noncorrosive clamping device to eliminate the annular space between the pipe and the sleeve. No termiticides shall be applied inside the sleeve.

Pipes through foundation walls.  
A pipe that passes through a foundation wall shall be provided with a retaining arch, or a pipe sleeve shall be built into the foundation wall. The sleeve shall be two pipe sizes greater than the pipe passing through the wall.

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OR REVISION FEES MAY  
APPLY

PM6.1

REVIEWED FOR STRUCTURE ONLY  
I HEREBY CERTIFY THAT I HAVE REVIEWED THE ATTACHED DESIGN, AND HAVE FOUND IT TO BE IN COMPLIANCE WITH THE CODES LISTED ON PAGE N1

THE ENGINEER HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURERS LAYOUT TO DETERMINE ANY LOAD BEARING CONDITIONS AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER LOAD INFORMATION IS SUPPLIED TO THE ENGINEER.

ADDRESS:

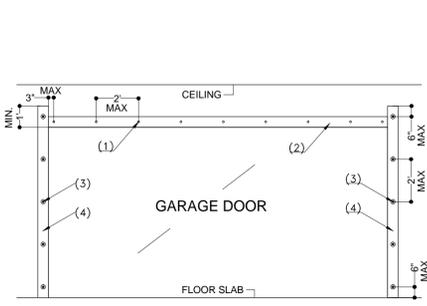
DATE:

PLUMBING AND  
AC

REDINGTON 4  
MODEL

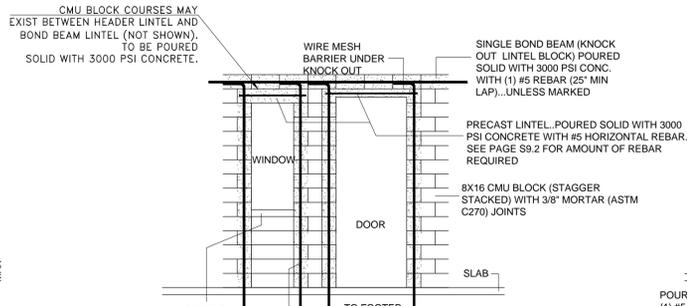
SEAL

SCALE: 1"=4'  
1/4"



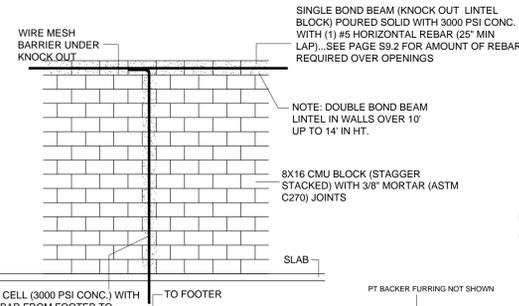
**GARAGE DOOR JAM DETAIL**

- (1)...1/4" X 3-1/2" TAPCON SCREW WITH 1" WASHER
- (2)...2X6 PT HEADER #2 GRADE OR BETTER
- (3)...1/2" X 7" EMBEDDED J-BOLT WITH 2" WASHER OR 1/2" X 6" TITAN HD SCREW ANCHOR WITH 2" WASHER
- (4)...2X6 PT SIDE JAM #2 GRADE OR BETTER



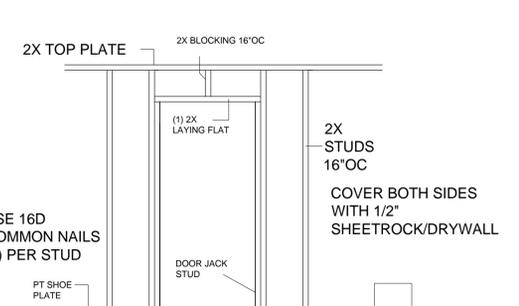
**TYPICAL DOOR AND WINDOW OPENING IN CMU BLOCK WALL**

- POURED CELL (3000 PSI CONC.) WITH (1) #5 REBAR FROM FOOTER TO LINTEL (10" MIN BEND INTO BOTH) W/ 25' LAP (MIN.)
- (1) #5 REBAR FROM FOOTER TO LINTEL (10" MIN BEND INTO BOTH) W/ 25' LAP (MIN.)



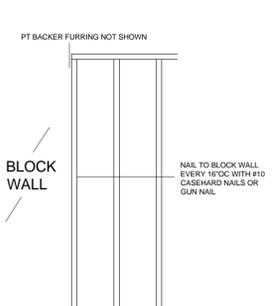
**TYPICAL CMU BLOCK WALL DETAIL**

- PRECAST LINTEL...POURED SOLID WITH 3000 PSI CONCRETE WITH #5 HORIZONTAL REBAR. SEE PAGE S9.2 FOR AMOUNT OF REBAR REQUIRED
- 8X16 CMU BLOCK (STAGGER STACKED) WITH 3/8" MORTAR (ASTM C270) JOINTS



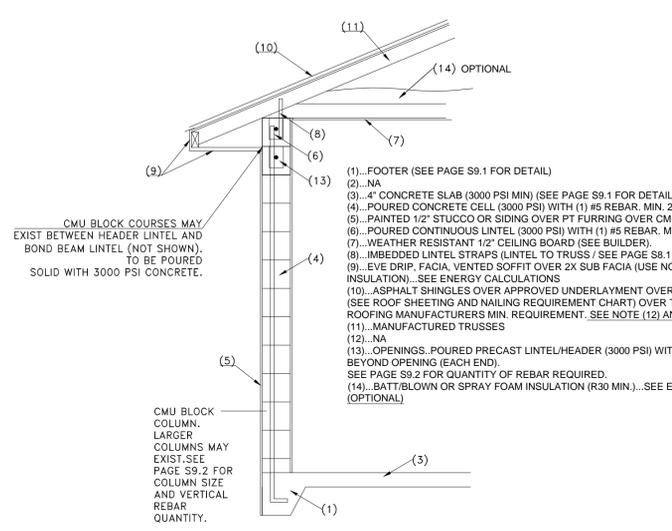
**NON BEARING DOOR FRAME AND WALL**

- USE 16D COMMON NAILS (4) PER STUD
- 2X STUDS 16"OC
- COVER BOTH SIDES WITH 1/2" SHEETROCK/DRYWALL



**NON BEARING FRAME WALL TO BLOCK WALL ATTACHMENT**

- PT BACKER FURRING NOT SHOWN
- NAIL TO BLOCK WALL EVERY 16"OC WITH #10 CASEHARD NAILS OR GUN NAIL

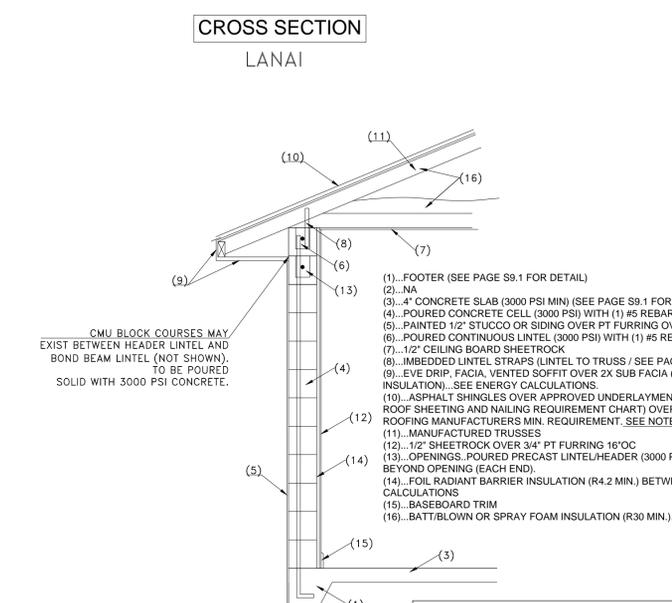


**CROSS SECTION LANAI**

- (1)...FOOTER (SEE PAGE S9.1 FOR DETAIL)
- (2)...NA
- (3)...4" CONCRETE SLAB (3000 PSI MIN) (SEE PAGE S9.1 FOR DETAIL)
- (4)...POURED CONCRETE CELL (3000 PSI) WITH (1) #5 REBAR. MIN. 25" LAP
- (5)...PAINTED 1/2" STUCCO OR SIDING OVER PT FURRING OVER CMU BLOCK WALL. SEE PAGE A2.1
- (6)...POURED CONTINUOUS LINTEL (3000 PSI) WITH (1) #5 REBAR. MIN. 25" LAP
- (7)...WEATHER RESISTANT 1/2" CEILING BOARD (SEE BUILDER)
- (8)...IMBEDDED LINTEL STRAPS (LINTEL TO TRUSS / SEE PAGE S8.1 OR S8.2 FOR DETAIL)
- (9)...EVE DRIP, FACIA, VENTED SOFFIT OVER 2X SUB FACIA (USE NON VENTED FOR ICYNENE ROOF INSULATION)...SEE ENERGY CALCULATIONS
- (10)...ASPHALT SHINGLES OVER APPROVED UNDERLAYMENT OVER OSB OR PLYWOOD SHEETING (SEE ROOF SHEETING AND NAILING REQUIREMENT CHART) OVER TRUSSES 24"OC...MUST ALSO MEET ROOFING MANUFACTURERS MIN. REQUIREMENT. SEE NOTE (12) AND (17) ON PAGE N5.1.
- (11)...MANUFACTURED TRUSSES
- (12)...NA
- (13)...OPENINGS...POURED PRECAST LINTEL/HEADER (3000 PSI) WITH #5 REBAR. EXTEND 4" (MIN.) BEYOND OPENING (EACH END). SEE PAGE S9.2 FOR QUANTITY OF REBAR REQUIRED.
- (14)...BATT/BLOWN OR SPRAY FOAM INSULATION (R30 MIN)...SEE ENERGY CALCULATIONS (OPTIONAL)

**PORCH BEAM AND POST DETAIL**

- 1...HURRICANE STRAP...SEE PAGE S8.2
- 2...BEAM (SEE PAGE S8.2)...PAD OUT TO DESIRED WIDTH AND COVER WITH FINISHED VENEER.
- 3...WEATHER RESISTANT 1/2" CEILING BOARD (SEE BUILDER)



**CROSS SECTION MAIN HOME**

SEE ENERGY CALCULATIONS (WHICH ARE PART OF THE CONSTRUCTION DOCUMENTS FEC R-103.2) FOR INSULATION AND EFFICIENCY FACTORS

SAMPLE ONLY

NOT FOR CONSTRUCTION

**WALL FURRING REQUIREMENTS: (TYPICAL)**

- (1)...VERTICAL 1X2 PT FURRING EVERY 16"OC MAX.
- (2)...VERTICAL 1X4 PT FURRING EACH SIDE OF WINDOW AND DOOR OPENINGS.
- (3)...HORIZONTAL 1X2 PT FURRING OVER WINDOW OPENINGS...EXTEND 6" (MIN) BEYOND OPENINGS.
- (4)...HORIZONTAL 1X4 PT FURRING OVER DOOR OPENINGS...EXTEND 6" (MIN) BEYOND OPENINGS.
- (5)...HORIZONTAL 1X4 PT FURRING AT BOTTOM OF WALL
- (6)...HORIZONTAL 1X2 PT OR 1X4 PT FIRE STOP FURRING AT TOP OF WALL FIRE CALK ALL PENETRATIONS.

**WALL SUPPORT POST DETAIL**

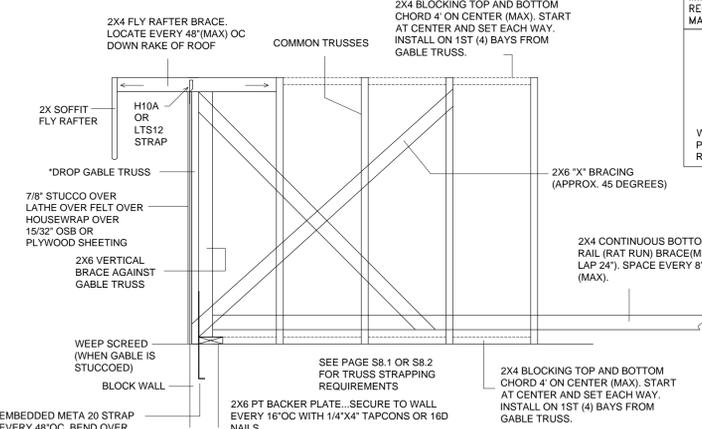
- 1...HT5 TENSION TIE. USE 5/8"X8" TITAN HD SCREW ANCHOR WITH WASHER.
- 2...2X 2X4 POST. GLUE AND NAIL TOGETHER EVERY 12"OC WITH 16D COMMON NAILS
- 3...SEE PAGE S8.2 FOR GIRDER STRAPPING REQUIREMENTS
- 4...DOUBLE 2X4 TOP PLATE
- 5...2X4 PT BOTTOM PLATE

USE THIS APPLICATION (IN FRAMED BEARING WALL) UNDER ALL GIRDER LOCATIONS.

- (1)...LSTA9 FLAT STRAP FROM 2X BLOCKING TO GABLE TRUSS. NOTE: CAN BE APPLIED OVER ROOF SHEETING.
- (2)...2X BLOCKING BETWEEN FLY RAFTER AND GABLE TRUSS (SHEETING)
- (3)...2X FLY RAFTER
- (4)...LSTA9 OR H10A STRAP FROM 2X BLOCKING TO GABLE TRUSS.
- (5)...GABLE TRUSS.
- (6)...GABLE SHEETING.

\*BLOCKING FROM FLY RAFTER TO GABLE TRUSS (APPLY THIS APPLICATION TO NON DROP DOWN GABLE TRUSSES)

\* APPLY THIS APPLICATION EVERY 48"OC(MAX) DOWN RAKE OF ROOF



**PERMANENT GABLE BRACING**

NOTE: ATTICS WITH CENTER STORAGE AREA...RUN CONTINUOUS AND X BRACING ON EACH SIDE OF STORAGE ROOM

\* DROP GABLES ARE OPTIONAL (SEE BUILDER). SEE FLY RAFTER DETAIL FOR NON DROP DOWN GABLES.

EXPOSURE CATEGORY	WIND SPEED (SEE WIND SPEED CHART ON PAGE N5.1)			
	140 MPH	150 MPH	160 MPH	170 MPH
(B)	7/16	15/32	19/32	19/32
(C)	19/32	19/32	19/32	19/32
(D)	19/32	19/32	19/32	23/32

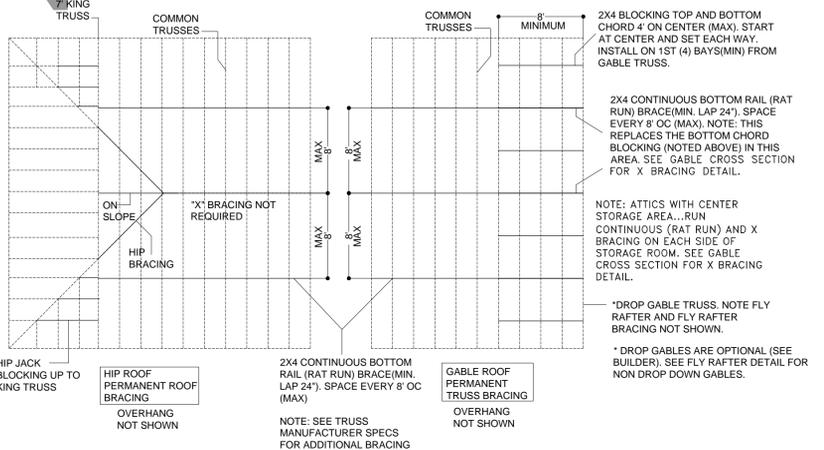
MINIMUM ROOF SHEATHING REQUIREMENTS. MUST ALSO MEET ROOF MANUFACTURERS MINIMUM REQUIREMENT

4"OC...BOUNDARY 6"OC...EDGE AND FIELD

USE 8D RINGSHANK NAILS ON 1/2" (OR LESS) SHEETING

USE 10D RINGSHANK NAILS ON 9/16" TO 3/4" SHEETING

WALL, FLOOR AND ROOF SHEETING (LAY PERPENDICULAR TO STUDS OR RAFTERS/JOIST) STAGGER ALL JOINTS



- 2X4 BLOCKING TOP AND BOTTOM CHORD 4" ON CENTER (MAX). START AT CENTER AND SET EACH WAY. INSTALL ON 1ST (4) BAYS(MIN) FROM GABLE TRUSS.
- 2X4 CONTINUOUS BOTTOM RAIL (RAT RUN) BRACE(MIN. LAP 24"). SPACE EVERY 8" OC (MAX). NOTE: THIS REPLACES THE BOTTOM CHORD BLOCKING (NOTED ABOVE) IN THIS AREA. SEE GABLE CROSS SECTION FOR X BRACING DETAIL.
- NOTE: ATTICS WITH CENTER STORAGE AREA...RUN CONTINUOUS (RAT RUN) AND X BRACING ON EACH SIDE OF STORAGE ROOM. SEE GABLE CROSS SECTION FOR X BRACING DETAIL.
- \*DROP GABLE TRUSS. NOTE FLY RAFTER AND FLY RAFTER BRACING NOT SHOWN.
- \* DROP GABLES ARE OPTIONAL (SEE BUILDER). SEE FLY RAFTER DETAIL FOR NON DROP DOWN GABLES.

ALL DIMENSIONS SHOWN MAY VARY SLIGHTLY DUE TO MATERIAL SIZES AND THICKNESS.

STEPS THAT ARE SHOWN MAY VARY IN NUMBER OF STEPS REQUIRED. STEP SIZE: TREAD 11" MIN-RISER 7-3/4" MAX.

Draftsman will apply due diligence against errors and omissions, but errors and omissions may occur. Please review your plans, as well as your builder. Trinity Drafting LLC will correct all errors and/or omissions prior to construction without cost. Draftsman's liability limit will not exceed the price of the plans.

**FLOOD NOTE: (IMPORTANT)**  
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**TRINITY DRAFTING LLC**  
813.482.2463  
www.trinitydrafting.com  
Jody Willis, owner  
713 Whitehall St.  
Plant City, FL 33563

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**S7.1**

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SEAL

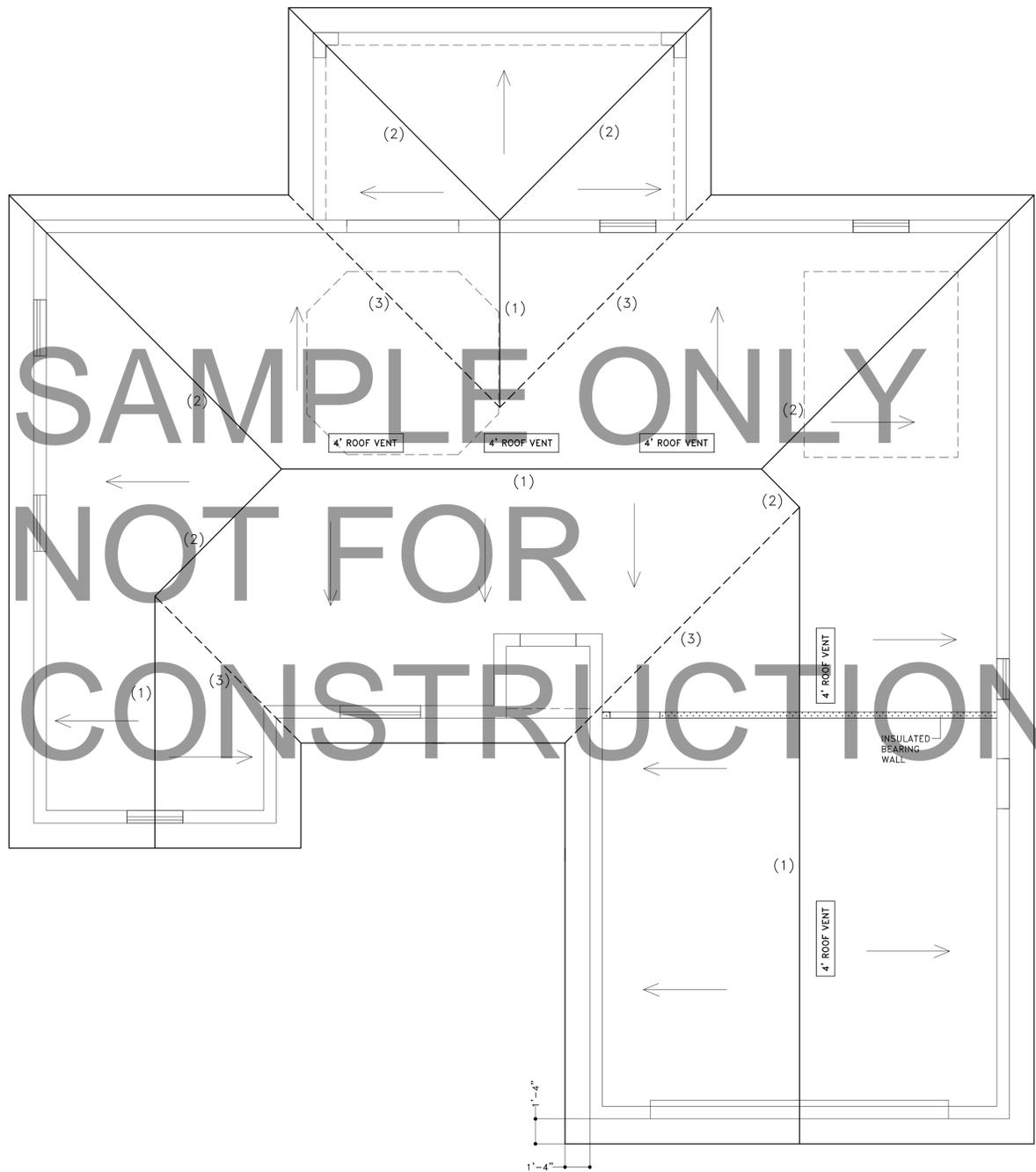
REDINGTON 4 MODEL

STRUCTURAL DETAILS

CUSTOMER:

ADDRESS:

DATE:



AREA (SQFT):  
 LIVING...1439  
 GARAGE...489  
 ENTRY...17  
 LANAI...200  
 TOTAL...2145

EXPOSURE CATEGARY	WIND SPEED			
	140 MPH	150 MPH	160 MPH	170 MPH
(B)	7/16	15/32	19/32	19/32
(C)	19/32	19/32	19/32	19/32
(D)	19/32	19/32	19/32	23/32

MINIMUM ROOF SHEATHING REQUIREMENTS. MUST ALSO MEET ROOF MANUFACTURERS MINIMUM REQUIREMENT

4"OC. BOUNDARY  
 6"OC. EDGE AND FIELD

USE 8D RINGSHANK NAILS ON 1/2" (OR LESS) SHEETING  
 USE 10D RINGSHANK NAILS ON 9/16" TO 3/4" SHEETING

WALL, FLOOR AND ROOF SHEETING (LAY PERPENDICULAR TO STUDS OR RAFTERS/JOIST). STAGGER ALL JOINTS

SHEETING AND NAILING

ATTIC VENTILATION	
ATTIC VENTING REQUIRED: 1 PER 150	
AREA UNDER ROOF/150	$\frac{2145}{150} = 14.30$ (SQFT)
<b>SQFT PROVIDED:</b>	
<b>SOFFIT VENTING</b>	
GROSS SOFFIT VENTING (SQFT)...	
PERIMETER (FT) X NET WIDTH (FT)	$242 \times 1.33 = 321.86$ (SQFT)
NET SOFFIT VENTING (SQFT)...	
GROSS VENTING (SQFT) X NET VENTING (SQIN)	$321.86 \times 4.24 = 1365/144 = 9.48$
(NOTE...NET VENTING = ACTUAL AREA OF VENTING ALLOWED BY SOFFIT MATERIAL PER (1) SQFT)	
<b>ROOF VENTING</b>	
AREA PROVIDED BY (1) 4' ROOF VENT (SQFT)	1.00
ROOF VENTS PROVIDED (QUANTITY)	5
TOTAL AREA OF ROOF VENTING (SQFT)	$1.00 \times 5 = 5$ (SQFT)
<b>TOTAL ATTIC VENTING REQUIRED:</b>	14.30 (SQFT)
<b>*TOTAL ATTIC VENTING PROVIDED:</b>	14.48 (SQFT)
*MUST BE EQUAL TO OR GREATER THAN ATTIC VENTING REQUIRED	

NOTE:  
 POWER VENTS MAY BE USED IN LIEU OF PASSIVE VENTS SHOWN.  
 1000 CFM = 3.33 SQFT OF ATTIC VENTILATION.

ROOF AND SOFFIT VENTILATION NOT REQUIRED WHEN USING  
 SPRAY FOAM INSULATION APPLIED UNDERSIDE OF ROOF SHEETING.

SEE ENERGY CALCULATIONS.

- (1)...RIDGE
- (2)...HIP
- (3)...VALLEY

ROOF PITCH: 5/12  
 ENTIRE ROOF

ALL DIMENSIONS SHOWN MAY VARY SLIGHTLY  
 DUE TO MATERIAL SIZES AND THICKNESS.

STEPS THAT ARE SHOWN MAY VARY IN NUMBER  
 OF STEPS REQUIRED.  
 STEP SIZE: TREAD 11" MIN-RISER 7-3/4" MAX.

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 A1.1 FOR ANY FLOOD NOTE  
 REQUIREMENTS.

**TRINITY DRAFTING LLC**  
 813.482.2463  
 www.trinitydrafting.com  
 Jody Willis...owner  
 713 Whitehall St.  
 Plant City, FL  
 33563

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S8.1

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SEAL

REDINGTON 4  
 MODEL

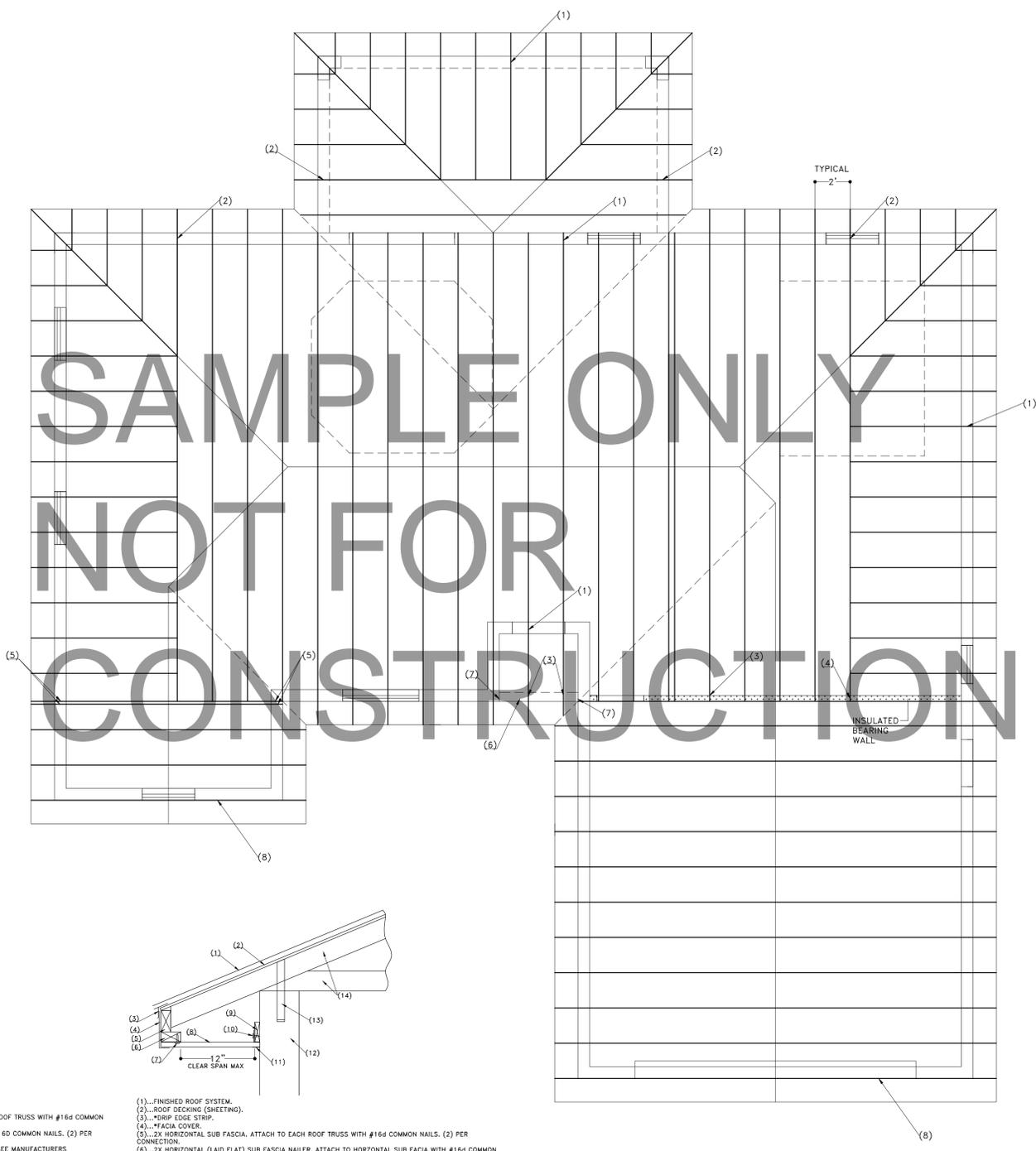
ROOF PLAN

1"=4'  
 SCALE: 1/4"

CUSTOMER:

ADDRESS:

DATE:



SAMPLE ONLY  
NOT FOR  
CONSTRUCTION

AREA (SQFT):  
LIVING...1439  
GARAGE...489  
ENTRY...17  
LANAI...200  
  
TOTAL...2145

EXPOSURE CATEGORY	WIND SPEED			
	140 MPH	150 MPH	160 MPH	170 MPH
(B)	7/16	15/32	19/32	19/32
(C)	19/32	19/32	19/32	19/32
(D)	19/32	19/32	19/32	23/32

MINIMUM ROOF SHEATHING REQUIREMENTS. MUST ALSO MEET ROOF MANUFACTURERS MINIMUM REQUIREMENT

4"OC...BOUNDRY  
6"OC...EDGE AND FIELD

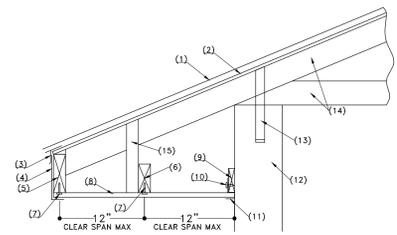
USE 8D RINGSHANK NAILS ON 1/2" (OR LESS) SHEETING  
USE 10D RINGSHANK NAILS ON 3/4" TO 3/4" SHEETING

WALL FLOOR AND ROOF SHEETING (LAY PERPENDICULAR TO STUDS OR RAFTERS/JOIST). STAGGER ALL JOINTS

SHEETING AND NAILING

**TRUSS STRAPPING:**  
(1)...META20 EMBEDDED TRUSS STRAP FROM BOND BEAM LINTEL TO ALL TRUSSES UNLESS NOTED  
(2)... (1) PA23 EMBEDDED TRUSS STRAP OR (2) META20 EMBEDDED TRUSS STRAPS FROM BOND BEAM LINTEL TO ALL SINGLE GIRDERS UNLESS NOTED.  
(3)...H10A OR MTS12 TRUSS STRAP FROM BEARING WALL TO ALL TRUSSES UNLESS NOTED  
(4)...(4)MST16 OR (4) MSTA15 STRAPS FROM GIRDER TO BEARING WALL POST...SEE PAGE S7.1  
(5)...(2) PA23 EMBEDDED TRUSS STRAPS OR (4) META20 EMBEDDED TRUSS STRAPS FROM BOND BEAM LINTEL TO ALL DOUBLE GIRDERS UNLESS NOTED. PLACE 1/2 OF THE STRAPS ON EACH SIDE OF GIRDER.  
(6)...TWO PLY 2X12 PINE BEAM. GLUE AND NAIL TOGETHER (BOTH SIDES) EVERY 12"OC IN ROWS OF (4) 10D COMMON NAILS. PAD OUT TO DESIRED WIDTH AND WRAP WITH FINISHED VENEER.  
(7)...HUC212-2 HANGER FROM BEAM TO BLOCK WALL. USE 1/4" X 2-3/4" TAPCONS FOR ATTACHMENT.  
(8)...META20 EMBEDDED TRUSS STRAP FROM BOND BEAM LINTEL TO ALL GABLE TRUSSES AT EACH END AND EVERY 48"OC UNLESS NOTED.  
(NOTE)...ATTACH ALL VALLEY OVER FRAME--TRUSSES (EACH END) TO MAIN TRUSS OR BLOCKING BELOW WITH MTS16 OR MSTA15 STRAPS UNLESS NOTED.

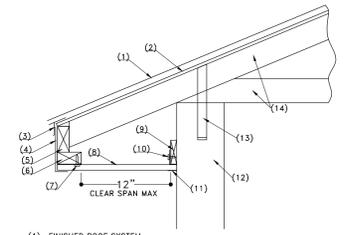
**TRUSS PLANS AND ENGINEERING TO BE SUPPLIED BY TRUSS COMPANY**  
DRAFTSMAN MUST BE NOTIFIED IN WRITING IF BEARING POINTS CHANGE  
OVERFRAME SHALL BE ATTACHED TO MAIN TRUSSES WITH LTS OR LSTA STRAPS (VARIOUS LENGTHS) AT EACH END OF OVERFRAME RAFTER/TRUSS.  
  
SEE STRUCTURAL PAGES FOR DETAILS



(1)...FINISHED ROOF SYSTEM.  
(2)...ROOF DECKING (SHEETING).  
(3)...DRAIN EDGE STRIP.  
(4)...FACIA COVER.  
(5)...2X4 OR 2X6 HORIZONTAL SUB FASCIA (SEE BUILDER). ATTACH TO EACH ROOF TRUSS WITH #16D COMMON NAILS. (2) PER CONNECTION.  
(6)...2X4 HORIZONTAL NAILER. ATTACH TO EACH VERTICAL 2X2 NAILER WITH #16D COMMON NAILS. (2) PER CONNECTION.  
(7)...NAIL SOFFIT MATERIAL TO 2X SUB FASCIA AND 2X HORIZONTAL NAILER. SEE MANUFACTURERS REQUIREMENTS FOR NAIL SIZE AND SPACING.  
(8)...HORIZONTAL SOFFIT PANEL MATERIAL.  
(9)...1X PT LEDGER. ATTACH TO WALL OR GABLE WALL EVERY 8"OC IN ROWS OF (2) NAILS/SCREWS. USE 8D HARDENED NAILS FOR BLOCK WALLS. USE 1/4" X 4-3/4" MASONRY SCREWS FOR ICF WALLS. USE 8D COMMON NAILS FOR FRAME WALLS.  
(10)...NAIL SOFFIT WALL CHANNEL TO 1X WALL LEDGER. SEE MANUFACTURERS REQUIREMENTS FOR NAIL SIZE AND SPACING.  
(11)...SOFFIT WALL CHANNEL.  
(12)...MAIN WALL OR GABLE WALL.  
(13)...TRUSS STRAP.  
(14)...ROOF TRUSS.  
(15)...2X2 VERTICAL NAILER. ATTACH TO EACH ROOF TRUSS WITH #16D COMMON NAILS. (2) PER CONNECTION.

\*NOTE: SEE MANUFACTURERS MATERIAL AND INSTALLATION REQUIREMENTS. SEE PAGE NS.1 FOR PRODUCT APPROVAL NUMBER. MANUFACTURERS INSTALLATION REQUIREMENTS SUPERCEDE SOFFIT INSTALLATION DETAIL.

24" (MAX) SOFFIT INSTALLATION DETAIL



(1)...FINISHED ROOF SYSTEM.  
(2)...ROOF DECKING (SHEETING).  
(3)...DRAIN EDGE STRIP.  
(4)...FACIA COVER.  
(5)...2X HORIZONTAL SUB FASCIA. ATTACH TO EACH ROOF TRUSS WITH #16D COMMON NAILS. (2) PER CONNECTION.  
(6)...2X HORIZONTAL (LAID FLAT) SUB FASCIA NAILER. ATTACH TO HORIZONTAL SUB FASCIA WITH #16D COMMON NAILS. EVERY 8"OC.  
(7)...NAIL SOFFIT MATERIAL TO 2X HORIZONTAL SUB FASCIA NAILER. SEE MANUFACTURERS REQUIREMENTS FOR NAIL SIZE AND SPACING.  
(8)...HORIZONTAL SOFFIT PANEL MATERIAL.  
(9)...1X PT LEDGER. ATTACH TO WALL OR GABLE WALL EVERY 8"OC IN ROWS OF (2) NAILS/SCREWS. USE 8D HARDENED NAILS FOR BLOCK WALLS. USE 1/4" X 4-3/4" MASONRY SCREWS FOR ICF WALLS. USE 8D COMMON NAILS FOR FRAME WALLS.  
(10)...NAIL SOFFIT WALL CHANNEL TO 1X WALL LEDGER. SEE MANUFACTURERS REQUIREMENTS FOR NAIL SIZE AND SPACING.  
(11)...SOFFIT WALL CHANNEL.  
(12)...MAIN WALL OR GABLE WALL.  
(13)...TRUSS STRAP.  
(14)...ROOF TRUSS.

\*NOTE: SEE MANUFACTURERS MATERIAL AND INSTALLATION REQUIREMENTS. SEE PAGE NS.1 FOR PRODUCT APPROVAL NUMBER. MANUFACTURERS INSTALLATION REQUIREMENTS SUPERCEDE SOFFIT INSTALLATION DETAIL.

16" (MAX) SOFFIT INSTALLATION DETAIL

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SEAL

REDINGTON 4 MODEL

ROOF TRUSS

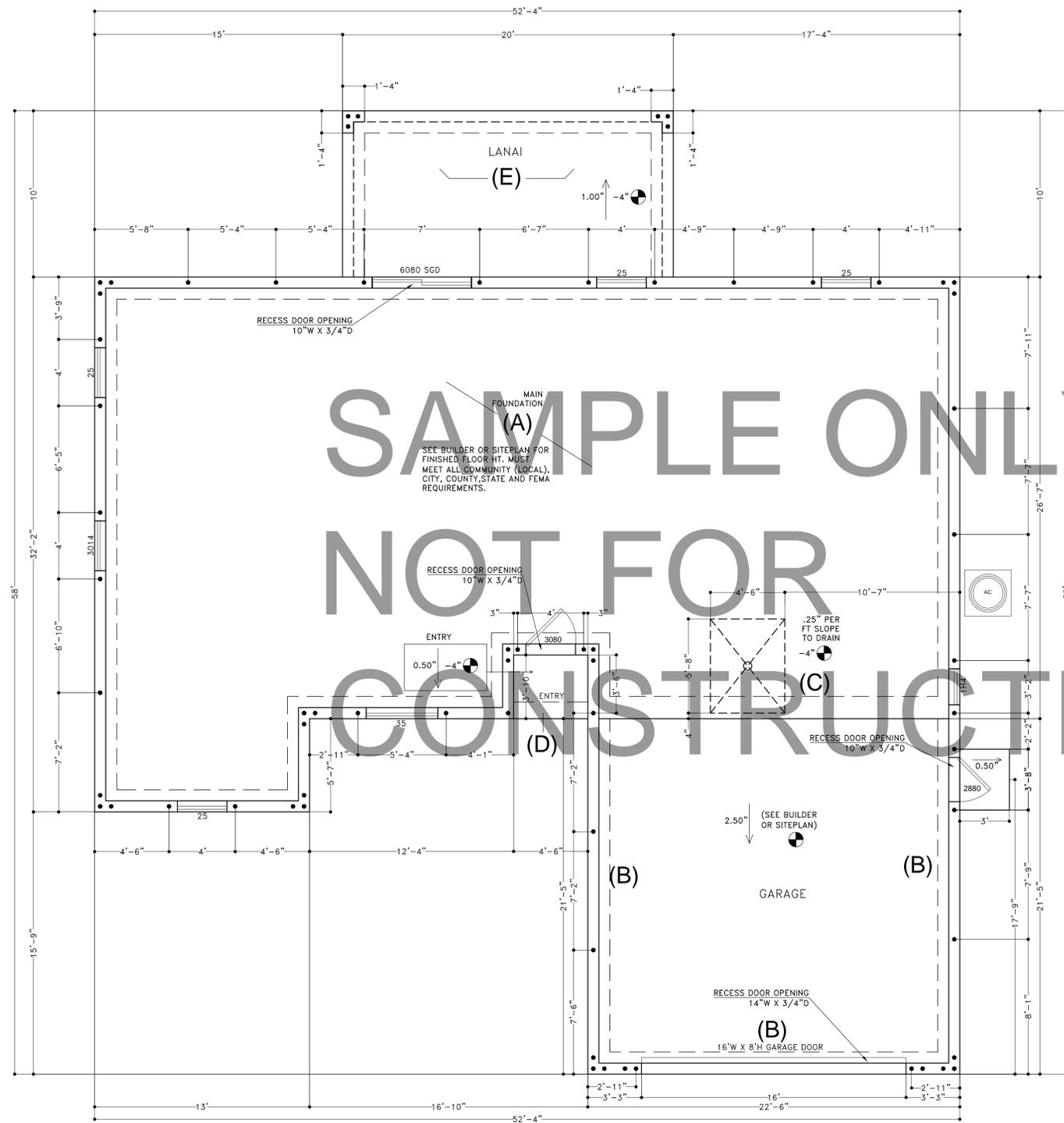
SCALE: 1"=4' 1/4"

CUSTOMER:

ADDRESS:

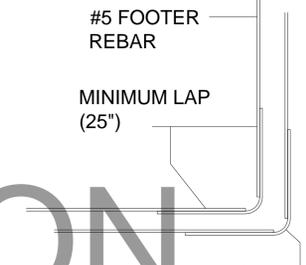
DATE:

S8.2



AREA (SQFT):  
 LIVING...1439  
 GARAGE...489  
 ENTRY...17  
 LANAI...200  
 TOTAL...2145

SAMPLE ONLY  
 NOT FOR  
 CONSTRUCTION



TYPICAL CORNER REBAR CONNECTION IN FOOTINGS  
 NOTE:  
 REBAR LAP (APPLIES TO ALL REBAR IN FOOTINGS AND WALLS)...25" MIN.

REBAR NOTES:  
 REBAR SPACING MEASUREMENTS SHOWN IS THE MAXIMUM ALLOWED SPACING. REBAR SPACING THAT IS LESS THAN SHOWN IS ALLOWED.

RETRO REBAR PLACEMENT IS ALLOWED. REBAR MUST BE INSTALLED WITH AN 8" MINIMUM EMBEDMENT AND EPOXIED.

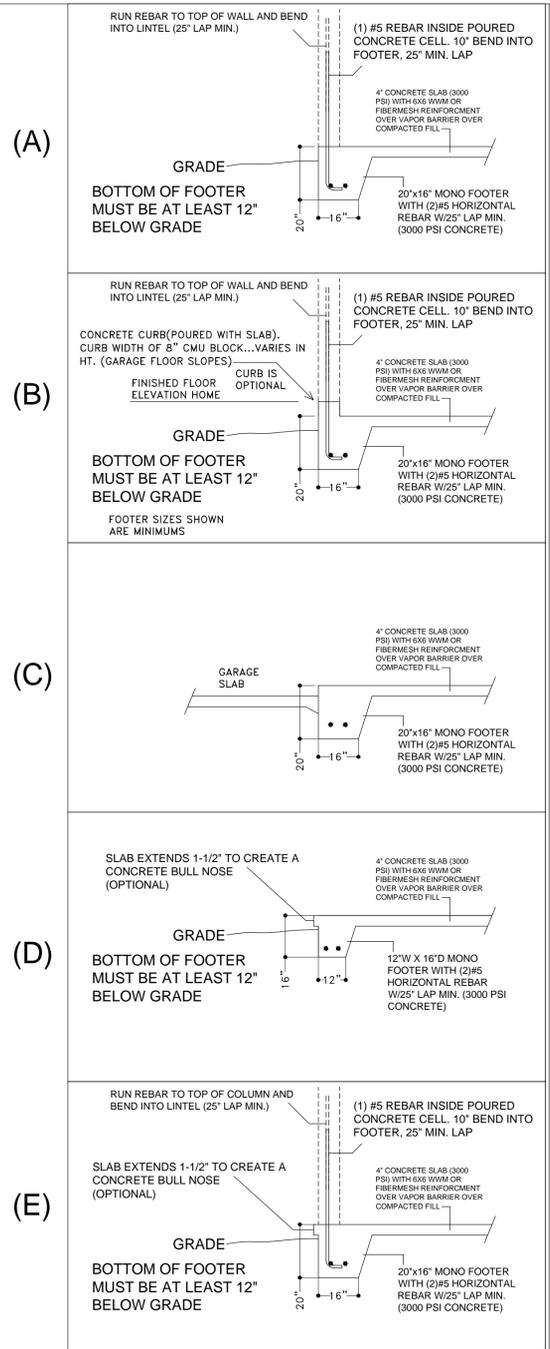
VERTICAL #5 REBAR IN POURED CONCRETE (3000 PSI) CELL FROM FOOTER TO BOND BEAM LINTEL (25" LAP MIN.)



NOTE: STEPS MAY BE REQUIRED THAT ARE NOT SHOWN ON THE PLAN...SEE BUILDER. TREADS SHALL BE 11" MIN. IN WIDTH. RISERS SHALL BE 7-3/4" MAX. IN HT.

R311.5.6 Handrails.  
 Handrails shall be provided on at least one side of each continuous run of treads or flight with four or more risers.  
 LOCATE 36" ABOVE NOSE OF TREAD

FLOOD NOTE: (IMPORTANT)  
 IF HOME IS TO BE LOCATED IN A FLOOD PRONE AREA, SEE PAGE A1.1 FOR ANY FLOOD NOTE REQUIREMENTS.



ALL FOOTER SIZES SHOWN ARE MINIMUMS

ALL DIMENSIONS SHOWN MAY VARY SLIGHTLY DUE TO MATERIAL SIZES AND THICKNESS.

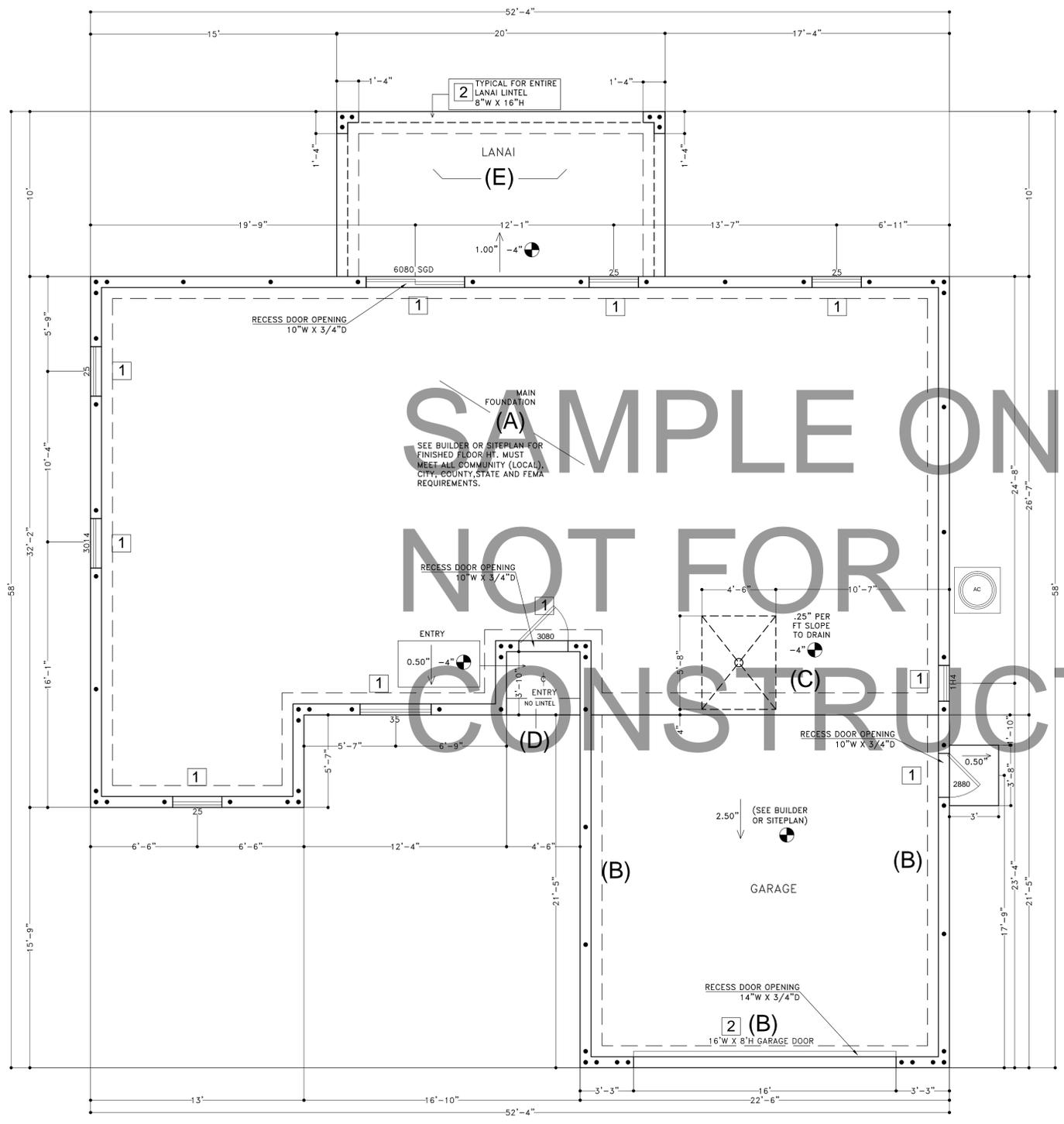
STEPS THAT ARE SHOWN MAY VARY IN NUMBER OF STEPS REQUIRED.  
 STEP SIZE: TREAD 11" MIN-RISER 7-3/4" MAX.

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REVIEWED FOR STRUCTURE ONLY. I HEREBY CERTIFY THAT I HAVE REVIEWED THE ATTACHED DESIGN AND HAVE FOUND IT TO BE IN COMPLIANCE WITH THE CODES LISTED ON PAGE N1. THE ENGINEER HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURER'S LAYOUT TO DETERMINE ANY LOAD BEARING CONDITIONS AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER LOAD INFORMATION IS SUPPLIED TO THE ENGINEER.

SEAL		
FOUNDATION MODEL	REDINGTON 4	SCALE: 1"=4'
CUSTOMER:	FOUNDATION	
ADDRESS:		
DATE:		
DRAW DATE:	NOTE...PLAN MUST BE PERMITTED WITHIN 6 MONTHS OF DRAW DATE OR REVISION FEES MAY APPLY	S9.1

**TRINITY DRAFTING LLC**  
 813.482.2463  
 www.trinitydrafting.com  
 Jody Willis...owner  
 715 Whitetail St.  
 Plant City, FL  
 33563



AREA (SQFT):  
 LIVING...1439  
 GARAGE...489  
 ENTRY...17  
 LANA I...200  
 TOTAL...2145

LINTEL NOTE:  
 SEE MANUFACTURERS SIZE TABLE FOR ALL WINDOWS AND DOOR OPENING SIZES.  
 MINIMUM TOTAL LINTEL DEPTH IS 14" (UNLESS NOTED). STANDARD PRECAST LINTELS ARE 8"U LINTELS, OR 6" RECESSED U LINTELS, POURED SOLID WITH 3000 PSI CONCRETE. SEE PLAN FOR AMOUNT OF #5 REBAR REQUIRED. PRECAST LINTELS MUST EXTEND 4" MINIMUM BEYOND OPENING.

**WINDOW SIZES**

(3014)...36"W X 16"H	FIXED
(1H4)...27"W X 50"H	SH
(25)...38"W X 63"H	SH
(35)...54"W X 63"H	SH

ALL SIZES ARE APPROXIMATE. REFER TO MANUFACTURER SIZE CHART FOR ACCURATE DIMENSIONS.  
 \* MEETS EGRESS REQUIREMENT

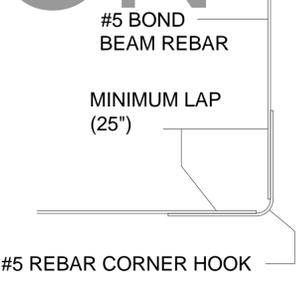
**DOOR SIZE EXAMPLE:**

(3068)...36"W X 80"H	(3'-0"W X 6'-8"H)
(3080)...36"W X 96"H	(3'-0"W X 8'-0"H)
(XXXX)...WIDTH (FT) AND HEIGHT (FT)	

- REBAR NOTES:**
- (1) #5 HORIZONTAL REBAR IN WINDOW OR DOOR LINTEL (25" LAP MIN.)...POUR SOLID WITH 3000 PSI CONCRETE
  - (2) #5 HORIZONTAL REBAR IN WINDOW OR DOOR LINTEL (25" LAP MIN.)...POUR SOLID WITH 3000 PSI CONCRETE.

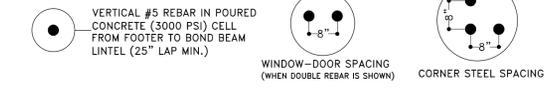
TOP COURSE IS CONTINUOUS BOND BEAM LINTEL WITH (1) #5 HORIZONTAL REBAR (25" LAP MIN.)...POUR SOLID WITH 3000 PSI CONCRETE.  
 POUR ALL CMU COURSES BETWEEN BOND BEAM LINTEL AND DOOR-WINDOW LINTEL SOLID WITH 3000 PSI CONCRETE.  
 SEE STRUCTURAL PAGES FOR DETAILS

SEE PAGE S8.2 FOR TRUSS STRAPPING DETAILS



**TYPICAL CORNER REBAR CONNECTION IN BOND BEAM**

NOTE:  
 • REBAR LAP (APPLIES TO ALL REBAR IN FOOTINGS AND WALLS)...25" MIN.



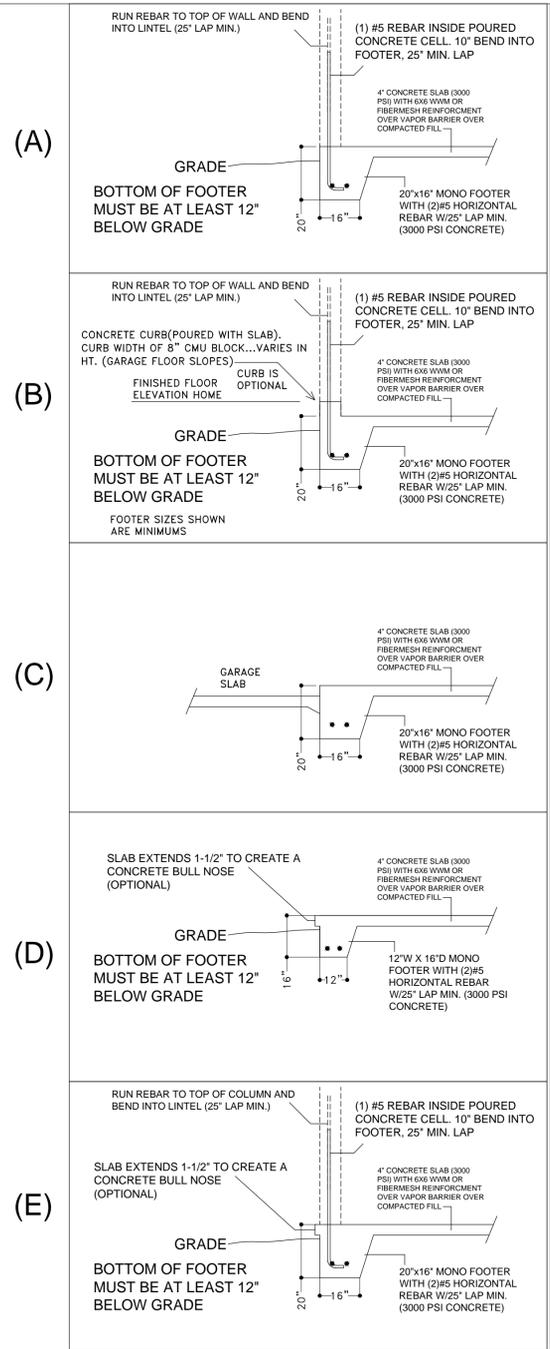
REBAR NOTES:  
 REBAR SPACING MEASUREMENTS SHOWN IS THE MAXIMUM ALLOWED SPACING. REBAR SPACING THAT IS LESS THAN SHOWN IS ALLOWED.

RETRO REBAR PLACEMENT IS ALLOWED. REBAR MUST BE INSTALLED WITH AN 8" MINIMUM EMBEDMENT AND EPOXIED.

NOTE: STEPS MAY BE REQUIRED THAT ARE NOT SHOWN ON THE PLAN...SEE BUILDER.  
 TREADS SHALL BE 11" MIN. IN WIDTH.  
 RISERS SHALL BE 7-3/4" MAX. IN HT.

R311.5.6 Handrails.  
 Handrails shall be provided on at least one side of each continuous run of treads or flight with four or more risers.  
 LOCATE 36" ABOVE NOSE OF TREAD

**FLOOD NOTE: (IMPORTANT)**  
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CUSTOMER:

ADDRESS:

DATE:

SEAL

REDINGTON 4 MODEL

EXTERIOR WALLS

SCALE: 1"=4' 1/4"

CUSTOMER:

ADDRESS:

DATE:

S9.2