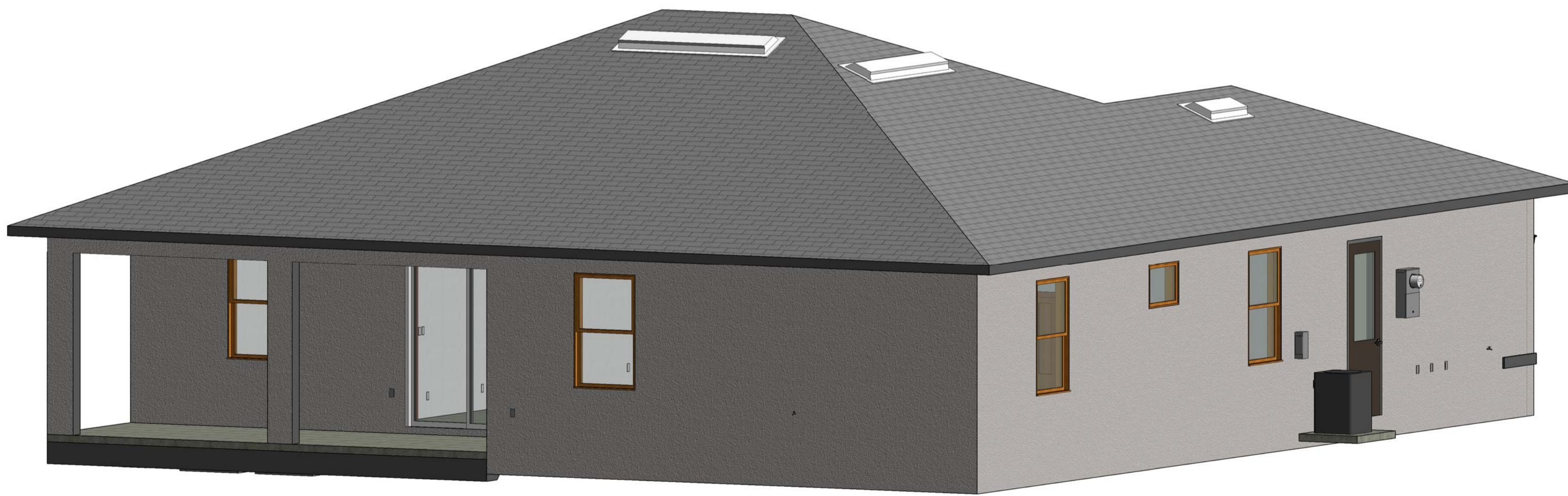


① 3D Front



② 3D Rear

THE FOLLOWING DISCIPLINES ARE TO BE FIELD REVIEWED AND/OR FIELD INSPECTED FOR CODE COMPLIANCE
ELECTRICAL MECHANICAL PLUMBING

DESIGN PARAMETERS: APPLICABLE CODES, BUILDING CONSTRUCTION TYPE, EXPOSURE CATEGORY, WINDBORNE DEBRIS REGION, INTERNAL PRESSURE COEFFICIENTS, CLASSIFICATION OF WORK, etc.

Design Loads:

The structural system for this building has been designed in accordance with the Florida Building Codes (FBC), 7th Edition (2020). The following superimposed loading has been utilized. Wind: Method of Design, per Section 1609 Florida Building Code 7th Edition (2020) Enclosed Design Basic Wind Speed 160 MPH RISK CATEGORY II Wind Exposure Category "B" Internal Pressure Coefficient +/- 0.18 (for Enclosure) Components and Cladding Design Pressures: Section 1609.6.3, Section 1609.6.4, & Figure 1609.6.2 Florida Building Code 7th Edition (2020) Zone 1, 2e: 20.6 /-51.0 p.s.f. Zone 2n,2r,3e: 20.6 /-74.5 p.s.f. Zone 3r: 20.6/-88.5 p.s.f. Zone 4: 27.6/-30.0 p.s.f. Zone 5: 27.6 /-37.0 p.s.f. Structural Forces: Section 1606 & 1607 Florida Building Code 7th Edition (2020) Gravity Roof Design: Live load 20 PSF Dead load 25 PSF Wind Roof Design: Dead load 10 PSF Gravity Floor Design: Live load 40 PSF Dead load 10 PSF Wind Floor Design: Top Chord Dead load 10 PSF Bottom Chord Dead load 5 PSF NOTE: Structural Calculations using Gravity and Wind Loads have been performed in the design of this structure.

SETBACK NOTE: THESE PLANS ARE DESIGNED SO THAT THE HOUSE SETBACK TO THE OVERHANGS SHALL NOT BE LESS THAN 6'.

Sheet List table with columns: Sheet Number, Sheet Name. Rows include Cover Sheet, Floor Plan, Building Elevations, Electrical Plan, Foundation Plan, Structural Notes & Details, Structural Details & Roof Plan.

PLANS MASTERING NOTE:

THESE PLANS HAVE BEEN REVIEWED TO BE MASTERED FOR THE 160 MPH WIND ZONE. THE CONTRACTOR MAY USE THESE PLANS MULTIPLE TIMES WITH A LETTER FROM THE ENGINEER FOR EACH OCCURRENCE. NO PERMIT SHALL BE ISSUED WITHOUT THE LETTER FROM THE ENGINEER OF RECORD SHOWING THE ADDRESS FOR THE LOCATION & CONTRACTOR PULLING PERMIT.

TRUSS LIABILITY EXCLUSION NOTE: Quatrone and Associates, Inc. (QAI) did not prepare or design the truss plans attached to this file. The engineer of record on the truss plan is responsible for the truss engineering, reactions and uplifts. QAI is only referencing the truss plans for the purpose of designing the building structure. The contractor / owner is responsible for reviewing the truss plan to determine the design, details, dimensions, and the accuracy of the truss plans in accordance with the building design. QAI will not be liable for any errors in the truss design.

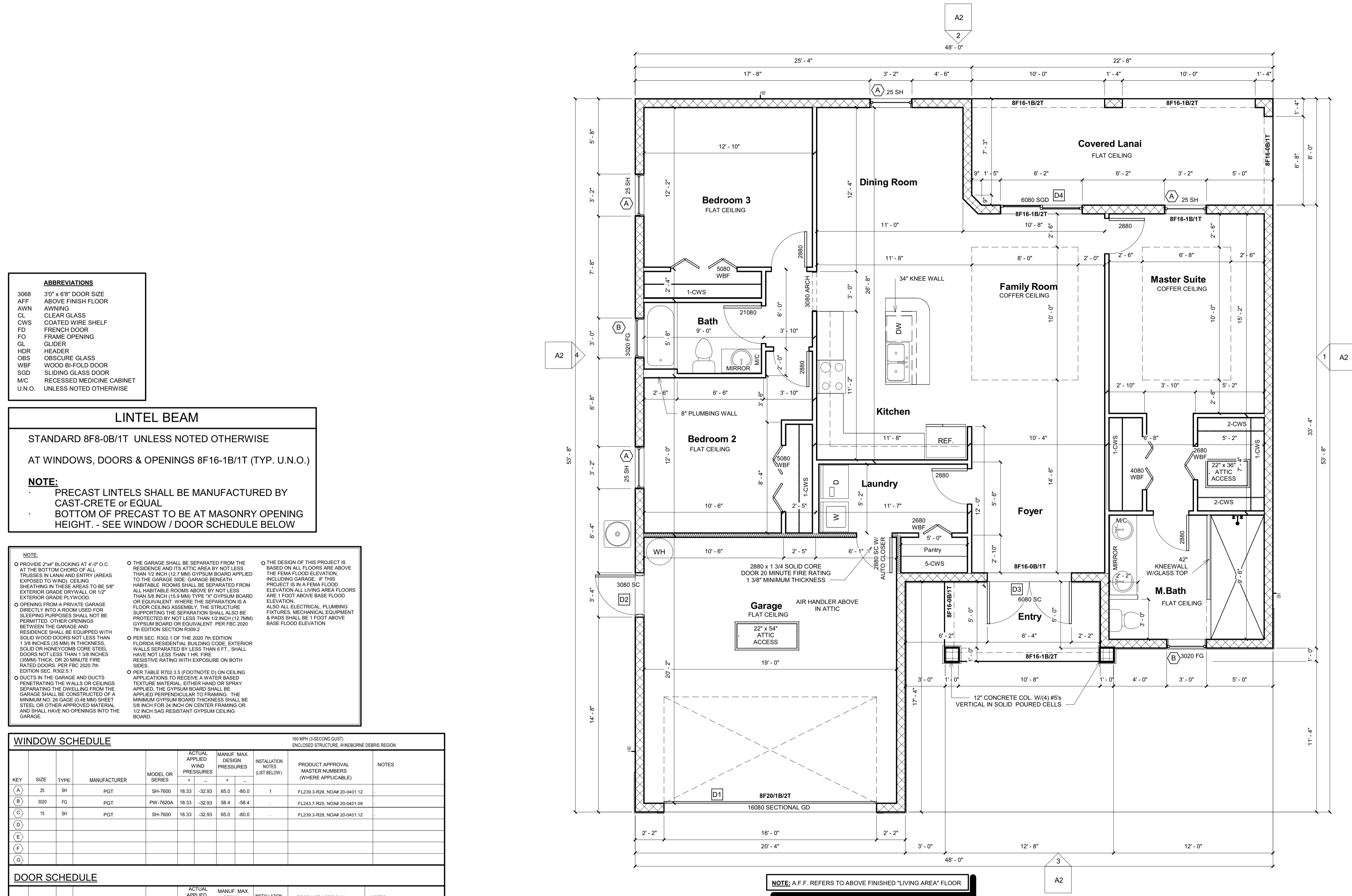
Contractor / Owner to Review Plans... CADD Services Provided By: J.R. Rost Associates, Inc. 561 Lee Street, Unit 2, Leesville, FL 32051

Quatrone & Associates, Inc. Engineers, Planners, & Development Consultants 4311 Veronica Shumaker Blvd., Fort Myers, FL 33916

1562 Model 2021 Lee County, Florida

Table with columns: #, Revision, Date, Straps#, Master, Start Date, Drawn By, Checked By. Includes 'AO Cover Sheet' and 'Print Date: 10/15/2021 2:29:11 PM'.

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ABBREVIATIONS

3068	30" x 68" DOOR SIZE
AFF	ABOVE FINISH FLOOR
AWN	AWNING
CL	CLEAR GLASS
CWS	COATED WIRE SHELF
FD	FRENCH DOOR
FO	FRAME OPENING
GL	GLIDER
HDR	HEADER
OBS	OBSCURE GLASS
WBF	WOOD BI-FOLD DOOR
SGD	SLIDING GLASS DOOR
MC	RECESSED MEDICINE CABINET
U.N.O.	UNLESS NOTED OTHERWISE

LINTEL BEAM

STANDARD 8F8-0B/1T UNLESS NOTED OTHERWISE

AT WINDOWS, DOORS & OPENINGS 8F16-1B/1T (TYP. U.N.O.)

NOTE:

- PRECAST LINTELS SHALL BE MANUFACTURED BY CAST-CRETE or EQUAL
- BOTTOM OF PRECAST TO BE AT MASONRY OPENING HEIGHT. - SEE WINDOW / DOOR SCHEDULE BELOW

NOTE:

- PROVIDE 2"x4" BLOCKING AT 4'-0" O.C. AT THE BOTTOM CHORD OF ALL TRUSSES IN LANAI AND ENTRY (AREAS EXPOSED TO WIND). CEILING SHEATHING IN THESE AREAS TO BE 5/8" EXTERIOR GRADE DRYWALL OR 1/2" EXTERIOR GRADE PLYWOOD.
- OPENING FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USES FOR SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1 3/8 INCHES (35 MM) IN THICKNESS, 20 MINUTE FIRE RATED DOORS NOT LESS THAN 1 3/8 INCHES (35MM) THICK, OR 20 MINUTE FIRE RATED DOORS. PER FBC 2020 7th EDITION SEC. R302.5.
- DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MINIMUM NO. 26 GAGE (0.48 MM) SHEET STEEL OR OTHER APPROVED MATERIAL AND SHALL HAVE NO OPENINGS INTO THE GARAGE.
- 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 GARAGE BENEATH HABITABLE ROOMS SHALL BE SEPARATED FROM ALL HABITABLE ROOMS ABOVE BY NOT LESS THAN 5/8 INCH (15.9 MM) TYPE 'X' GYPSUM BOARD OR EQUIVALENT. WHERE THE SEPARATION IS A FLOOR CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2 INCH (12.7MM) GYPSUM BOARD OR EQUIVALENT. PER FBC 2020 7th EDITION SECTION R302.2.
- PER SEC. R302.3 OF THE 2020 7th EDITION FLORIDA RESIDENTIAL BUILDING CODE, EXTERIOR WALLS SEPARATED BY LESS THAN 6 FT., SHALL HAVE NOT LESS THAN 1 HR. FIRE RESISTIVE RATING WITH EXPOSURE ON BOTH SIDES.
- PER TABLE R702.3.5 (FOOTNOTE D) ON CEILING APPLICATIONS TO RECEIVE A WATER-BASED TEXTURE MATERIAL, EITHER HAND OR SPRAY APPLIED, THE GYPSUM BOARD SHALL BE APPLIED PERPENDICULAR TO FRAMING. THE MINIMUM GYPSUM BOARD THICKNESS SHALL BE 5/8 INCH FOR 24 INCH ON CENTER FRAMING OR 1/2 INCH SAG RESISTANT GYPSUM CEILING BOARD.
- THE DESIGN OF THIS PROJECT IS BASED ON ALL FLOORS ARE ABOVE THE FEMA FLOOD ELEVATION, INCLUDING GARAGE. IF THIS PROJECT IS IN A FEMA FLOOD ELEVATION ALL LIVING AREA FLOORS ARE 1 FOOT ABOVE BASE FLOOD ELEVATION. ALSO ALL ELECTRICAL, PLUMBING FIXTURES, MECHANICAL EQUIPMENT & RAIDS SHALL BE 1 FOOT ABOVE BASE FLOOD ELEVATION.

WINDOW SCHEDULE

16 MPH (3 SECOND GUST) ENCLOSED STRUCTURE, WINDBORNE DEBRIS REGION

KEY	SIZE	TYPE	MANUFACTURER	MODEL OR SERIES	ACTUAL APPLIED WIND PRESSURES	MANUF. MAX. DESIGN PRESSURES	INSTALLATION NOTES (LIST BELOW)	PRODUCT APPROVAL MASTER NUMBERS (WHERE APPLICABLE)	NOTES
(A)	25	SH	PGT	FW-7600	18.33 -32.93	65.0 -80.0	1	FL239.3-R26, NOA# 20-0401.12	
(B)	3020	FG	PGT	FW-7620A	18.33 -32.93	58.4 -58.4	-	FL243.7-R25, NOA# 20-0401.09	
(C)	15	SH	PGT	SH-7600	18.33 -32.93	65.0 -80.0	-	FL239.3-R26, NOA# 20-0401.12	
(D)									
(E)									
(F)									
(G)									

DOOR SCHEDULE

KEY	SIZE	TYPE	MANUFACTURER	MODEL OR SERIES	ACTUAL APPLIED WIND PRESSURES	MANUF. MAX. DESIGN PRESSURES	INSTALLATION NOTES (LIST BELOW)	PRODUCT APPROVAL MASTER NUMBERS (WHERE APPLICABLE)	NOTES
(D1)	1680	GD	RAYNOR	BulkMark / Trademark	23.30 -26.0	29.7 -33.1	3	FL14529.2-R10	
(D2)	3080	SWING	THERMA-TRU	FiberClassic	15.84 -29.19	67.0 -67.0	4	FL21138.4-R6	
(D3)	680	SWING	THERMA-TRU	FiberClassic	15.84 -29.19	50.0 -50.0	4	FL21138.12-R6	
(D4)	680	SGD	PGT	SGD-670	15.84 -29.19	73.8 -73.8	-	FL251.1-R34 NOA# 20-0429.07	
(D5)									

ROOF COVERING MATERIAL

TYPE	MANUFACTURER	APPROVED MODEL, STYLE, OR DESIGNATION	NOTES
Asphalt Shingles	CertainTeed Corporation-Roofing	CertainTeed Asphalt Roofing Shingles 3-tab, 4-tab, 4-tab, 4-tab (no cut-outs), laminated and architectural asphalt roof shingles	FL5444.1-R16

IMPACT RESISTANT MATERIAL

TYPE	MANUFACTURER	APPROVED MODEL, STYLE, OR DESIGNATION	NOTES
SHUTTERS	RELIABLE SHUTTER CO.	Alum. storm panel Removable cold rolled sheet metal aluminum corrugated panels retained by tracks or direct mounted to provide hurricane protection.	FL10905.1-R4

SOFFIT COVERING MATERIAL

SOFFIT SHALL COMPLY W/ R703.1 OF THE 2020 FLORIDA BUILDING CODE 7th EDITION - CONTRACTOR TO PROVIDE FLORIDA PRODUCT APPROVAL & INSTALLATION CUT-SHEETS OF PRODUCT TO BE USED.

INSTALLATION NOTES	LEGEND	SIZE DESIGNATIONS
1. MEANS OF EGRESS	Dx = DOOR DESIGNATION	W = WIDTH
2. TEMPERED WINDOW	SLx = SKYLITE DESIGNATION	H = HEIGHT
3. O.H. GARAGE DOOR	Wx = WINDOW DESIGNATION	

NOTE: SHGC COMPLIANCE ON WINDOWS - LESS THAN OR EQUAL TO 0.25 U FACTOR COMPLIANCE FOR WINDOWS

NON-IMPACT - LESS THAN OR EQUAL TO 0.65

IMPACT - LESS THAN OR EQUAL TO 0.75

1 Floor Plan
1/4" = 1'-0"

NOTE: A.F.F. REFERS TO ABOVE FINISHED "LIVING AREA" FLOOR

SQUARE FOOTAGE

Living Area	1562 SF
Garage Area	418 SF
Covered Lanai Area	181 SF
Entry Area	75 SF
TOTAL AREA	2236 SF

Mason Contractor Note:

MASONRY CONTRACTOR TO VERIFY BEAM HEIGHTS WITH FINAL ENGINEER TRUSS LAYOUT. TRUSS LAYOUT WILL INDICATE BEAM HEIGHTS FOR ALL BEARING WALLS.

ALLOWABLE SOIL LOAD:

THIS PROJECT IS DESIGNED ASSUMING AN ALLOWABLE SOIL LOAD OF 2,000 PSF. THE CONTRACTOR SHALL VERIFY AND OBTAIN A SOILS REPORT. IF CONDITIONS ARE FOUND TO BE DIFFERENT, CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO ANY CONSTRUCTION.

Contractor / Owner to Review Plans
 * ALL DIMENSIONS SHOWN ON THESE DRAWINGS OR NOTED OTHERWISE SHALL BE TO FACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS SHALL BE TO FACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS SHALL BE TO FACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS SHALL BE TO FACE UNLESS NOTED OTHERWISE.
J.R. ROST
 Associates, Inc.
 561 Lee Street, Unit 2, Leesburg, FL 34715
 PH: (239) 938-5900 FAX: (239) 398-5125

Mastered By:
Quattrone & Associates, Inc.
 Engineers, Planners, & Development Consultants
 4311 Veronica Shomaker Blvd. - Fort Myers, FL 33916 - 239-935-5222
 Central Florida Office: 239-935-5222

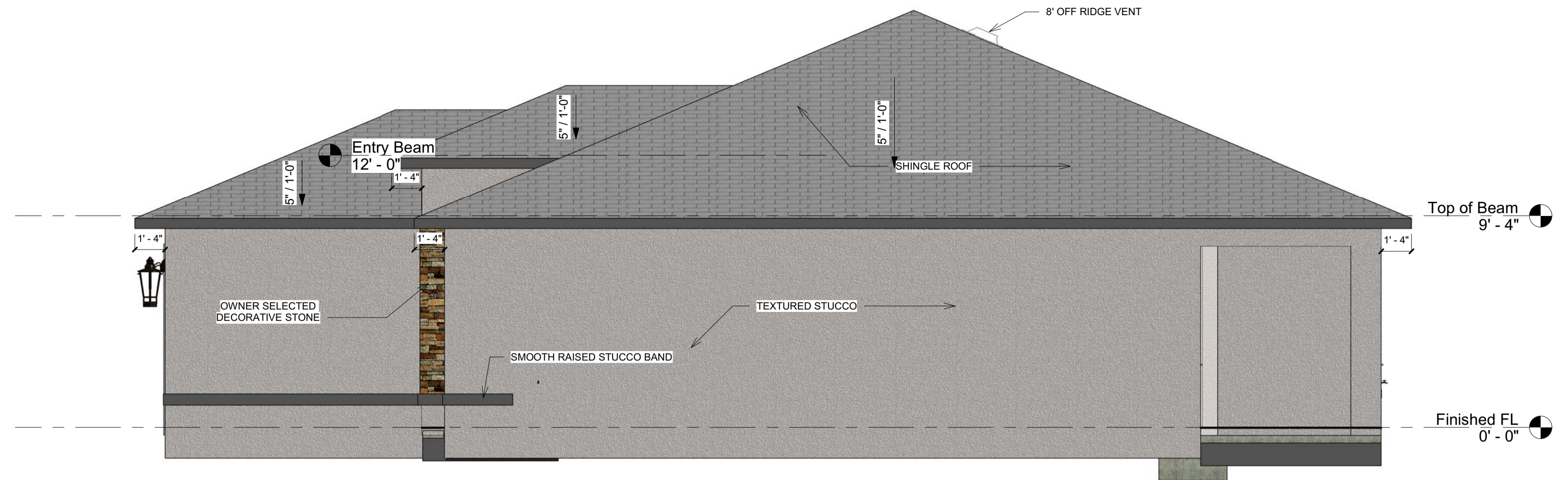
Mastered By:
J.R. Rost Associates, Inc.
 Lee County, Florida

1562 Model 2021

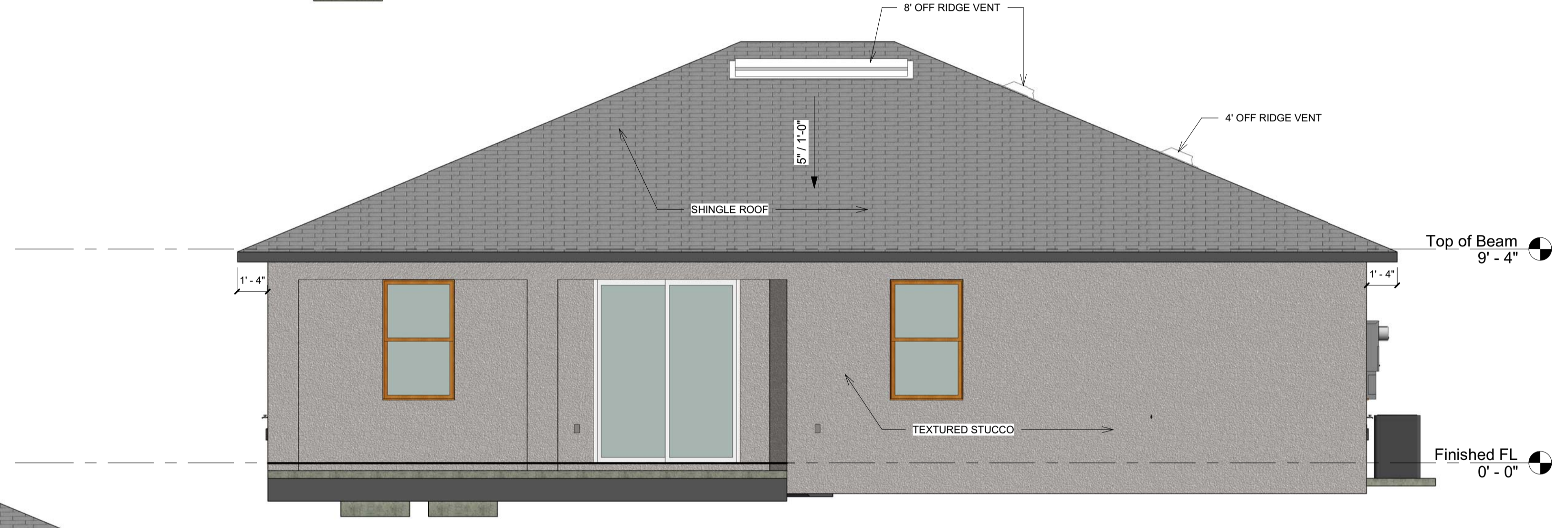
#	Revision	Date

Strap# Master 1562 Model
 Start Date June 25, 2021
 Drawn By jrr
 Checked By ajr

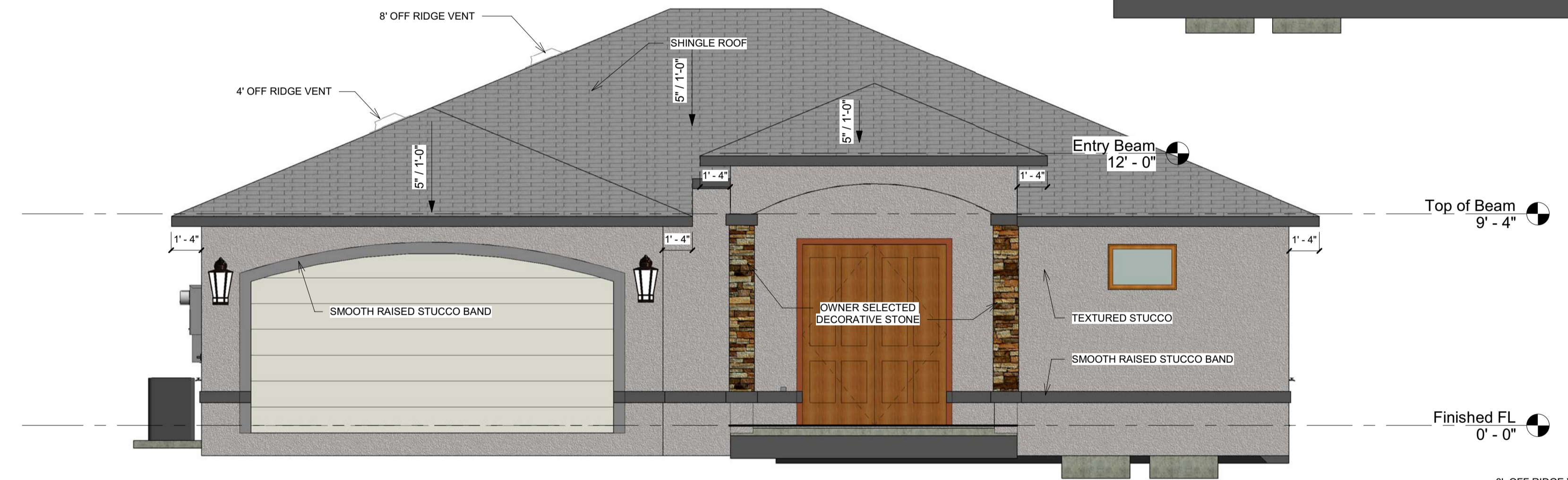
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 Floor Plan
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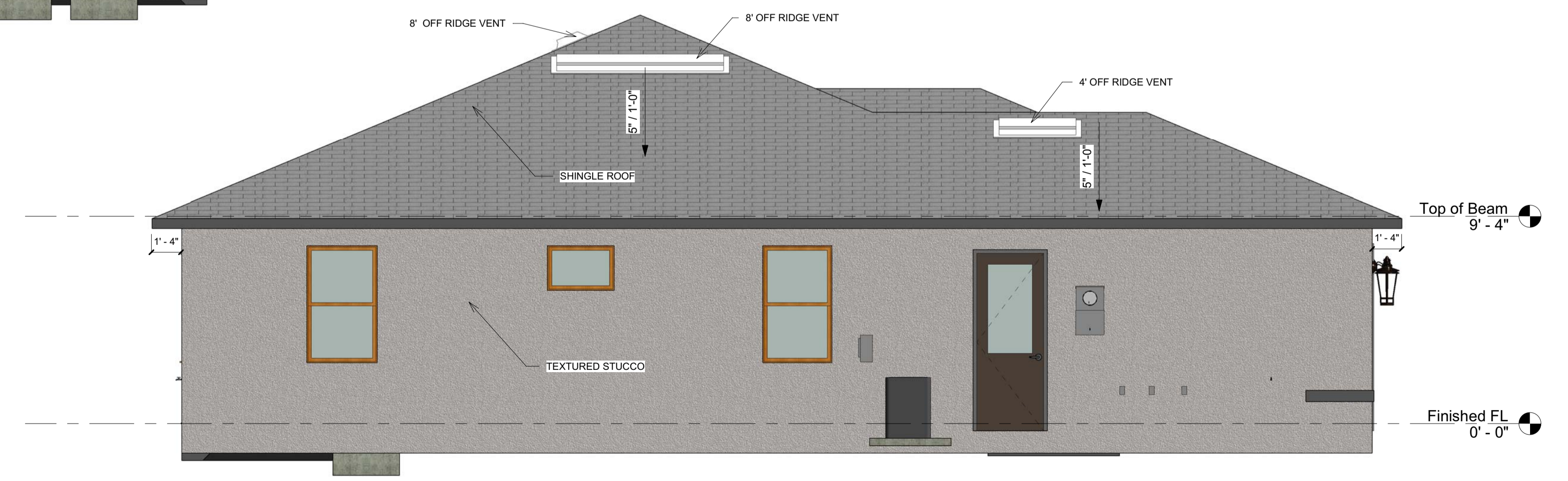
1 Right Side
1/4" = 1'-0"



2 Rear Side
1/4" = 1'-0"



3 Front Side
1/4" = 1'-0"



4 Left Side
1/4" = 1'-0"

NOTE:
 (2) 8' OFF-RIDGE ROOF VENTS ARE REQUIRED. EACH VENT WILL PROVIDE 1.75 SF OF VENTILATION. & (1) 4' OFF RIDGE ROOF VENT WILL BE REQUIRED. IT WILL PROVIDE 0.75 SF OF VENTILATION.
 2x1.75 = 3.5 SF + 0.75 SF = 4.25 SF
 REMAINDER WILL BE PROVIDED BY SOFFIT VENTILATION. 40% OF 9.4 SF = 3.76 SF MIN. REQUIRED. 50% = 4.70 SF MAX.

NOTE:
 CONTRACTOR SHALL INSTALL VENTS ON ROOF FOR VENTILATION TO COMPLY WITH FBC R806.1 & R807.1
VENTED AREA = 2820 SF
 USING OFF RIDGE VENTS = .003333 (1/300)
 2820 sf x .0033333 = 9.4 sf OF VENTS REQUIRED
 UPPER ROOF VENTS 40% TO 50% MAX; THE REMAINING 60% TO 50% SHALL BE IN THE VENTED SOFFIT SYSTEM.
CONTRACTOR: TO SUPPLY FLORIDA PRODUCT APPROVAL CUT SHEETS FOR ROOF VENTS

Reviewed for Code Compliance
 By: Glenn Cribbett Date: 10/25/2021
 RESMSTR2021-00220

CADD Services Provided By:
J.R. ROST
 Associates, Inc.
 561 Lee Street Unit 2, Lehigh Acres, FL 33971
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Quattrone & Associates, Inc.
 Engineers, Planners, & Development Consultants
 5301 Veronica Shumaker Blvd. - Fort Myers, Florida 33916 - 239-935-5222
 Office: 239-935-5222 Home: 410

Master by:
J.R. Rost Associates, Inc.

1562 Model 2021

Lee County, Florida

#	Revision	Date

Strap# Master 1562 Model
 Start Date June 25, 2021
 Drawn By jrr
 Checked By ajq

A2
 Building Elevations
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SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	110 VOLT OUTLET
	G.F.I 110 VOLT GROUND FAULT INTERRUPTER
	110 VOLT SPLIT WIRE OUTLET
	220 VOLT OUTLET
	110 VOLT GROUND FAULT INTERRUPTER @ 42" OFF FINISH FLOOR
	W.P. 110 VOLT WEATHER PROOF OUTLET
	SPECIAL PURPOSE OUTLET
	FLUORESCENT STRIP LIGHTING FIXTURE
	SURFACE MOUNTED FIXTURE
	WALL MOUNTED FIXTURE
	RECESSED MOUNTED FIXTURE
	JUNCTION BOX
	SMOKE DETECTOR & CO SENSOR
	TELEVISION OUTLET
	TELEPHONE JACK
	PUSH BUTTON DOOR CHIME
	DUEL HEAD FLOODLIGHT
	EXHAUST FAN
	SINGLE POLE SWITCH
	THREE WAY SWITCH
	CEILING FAN PREWIRE ONLY
	CEILING FAN PREWIRE AND INSTALLED (FAN FURNISHED BY OWNER)

NOTE:
ALL ROOMS WITH BRANCH CIRCUITS THAT SUPPLY 125-VOLT, SINGLE PHASE, 15 AND 20 AMPERE RECEPTACLE OUTLETS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER.

A LIGHTING FIXTURE WITH RECEPTACLE OUTLET, CONTROLLED BY A SWITCH LOCATED AT THE PASSAGEWAY OPENING, SHALL BE PROVIDED SO AS TO LIGHT THE PASSAGEWAY AND SERVICE AREA AND INSTALLED IN ACCORDANCE WITH CHAPTER 33 OF THE 2017 6th EDITION FLORIDA MECHANICAL CODE.

AIR HANDLING UNITS SHALL BE ALLOWED IN ATTICS IF THE FOLLOWING CONDITIONS ARE MET:

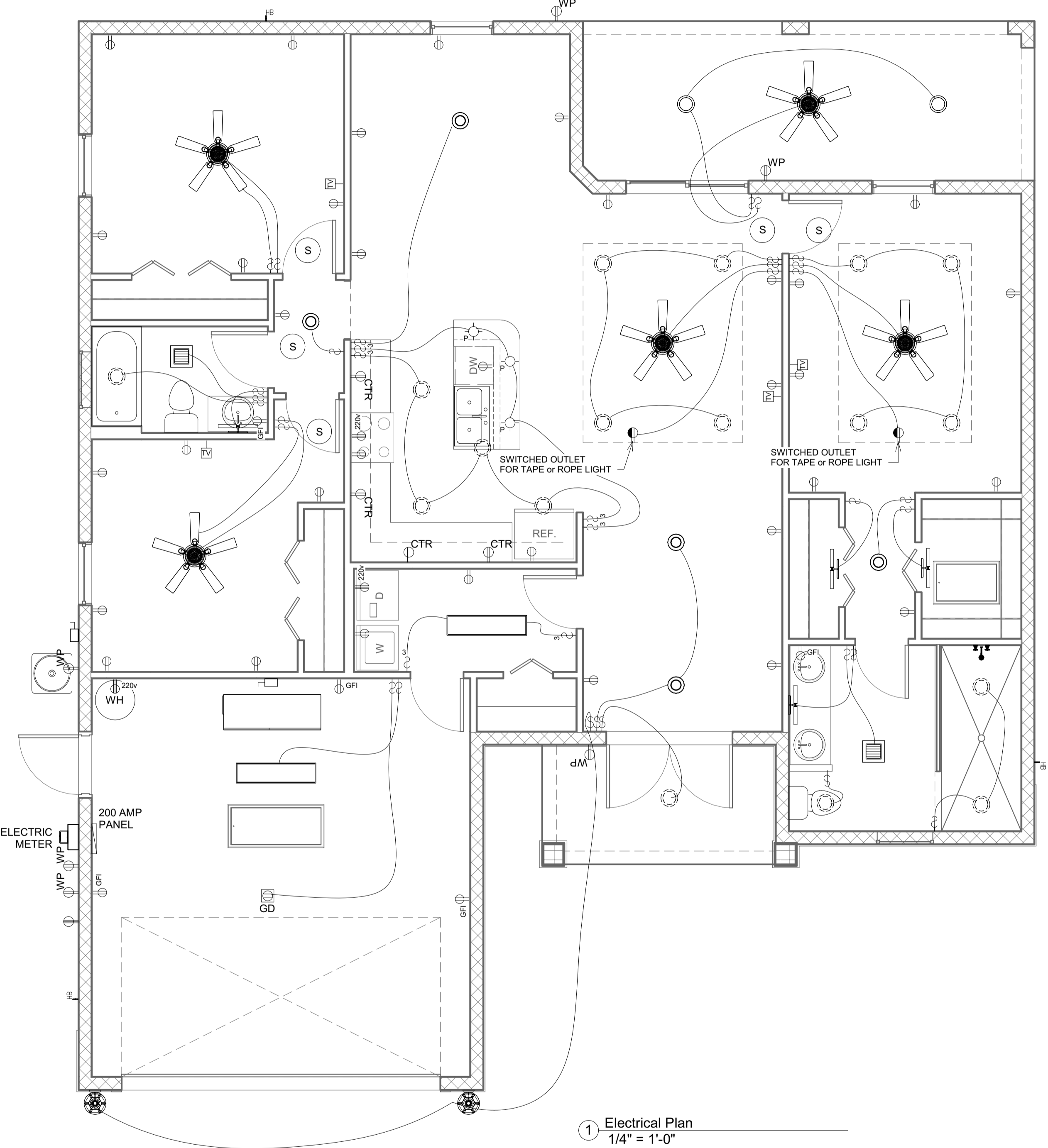
1. THE SERVICE PANEL OF THE EQUIPMENT IS LOCATED WITHIN 6 FEET (1829 MM) OF AN ATTIC ACCESS.
2. A DEVICE IS INSTALLED TO ALERT THE OWNER OR SHUT THE UNIT DOWN WHEN THE CONDENSATION DRAIN IS NOT WORKING PROPERLY.
3. THE ATTIC ACCESS OPENING IS OF SUFFICIENT SIZE TO REPLACE THE AIR HANDLER.

4. A NOTICE IS POSTED ON THE ELECTRIC SERVICE PANEL INDICATING TO THE HOMEOWNER THAT THE AIR HANDLER IS LOCATED IN THE ATTIC. SAID NOTICE SHALL BE IN ALL CAPITALS, IN 16 POINT TYPE, WITH THE TITLE AND FIRST PARAGRAPH IN BOLD.

"NOTICE TO HOMEOWNER

A PART OF YOUR AIR CONDITIONING SYSTEM, THE AIR HANDLER, IS LOCATED IN THE ATTIC. FOR PROPER, EFFICIENT AND ECONOMIC OPERATION OF THE AIR CONDITIONING SYSTEM, YOU MUST ENSURE THAT REGULAR MAINTENANCE IS PERFORMED. YOUR AIR CONDITIONING SYSTEM IS EQUIPPED WITH ONE OR BOTH OF THE FOLLOWING:

- 1) A DEVICE THAT WILL ALERT YOU WHEN THE CONDENSATION DRAIN IS NOT WORKING PROPERLY OR
- 2) A DEVICE THAT WILL SHUT THE SYSTEM DOWN WHEN THE CONDENSATION DRAIN IS NOT WORKING. TO LIMIT POTENTIAL DAMAGE TO YOUR HOME AND TO AVOID DISRUPTION OF SERVICE, IT IS RECOMMENDED THAT YOU ENSURE PROPER WORKING ORDER OF THESE DEVICES BEFORE EACH SEASON OF PEAK OPERATION."



1 Electrical Plan
1/4" = 1'-0"

Reviewed for Code Compliance
By: Glenn Cribbett Date: 10/25/2021
RESMSTR2021-00220

#	Revision	Date

Strap#	Master 1562 Model
Start Date	June 25, 2021
Drawn By	jlr
Checked By	ajq

E1

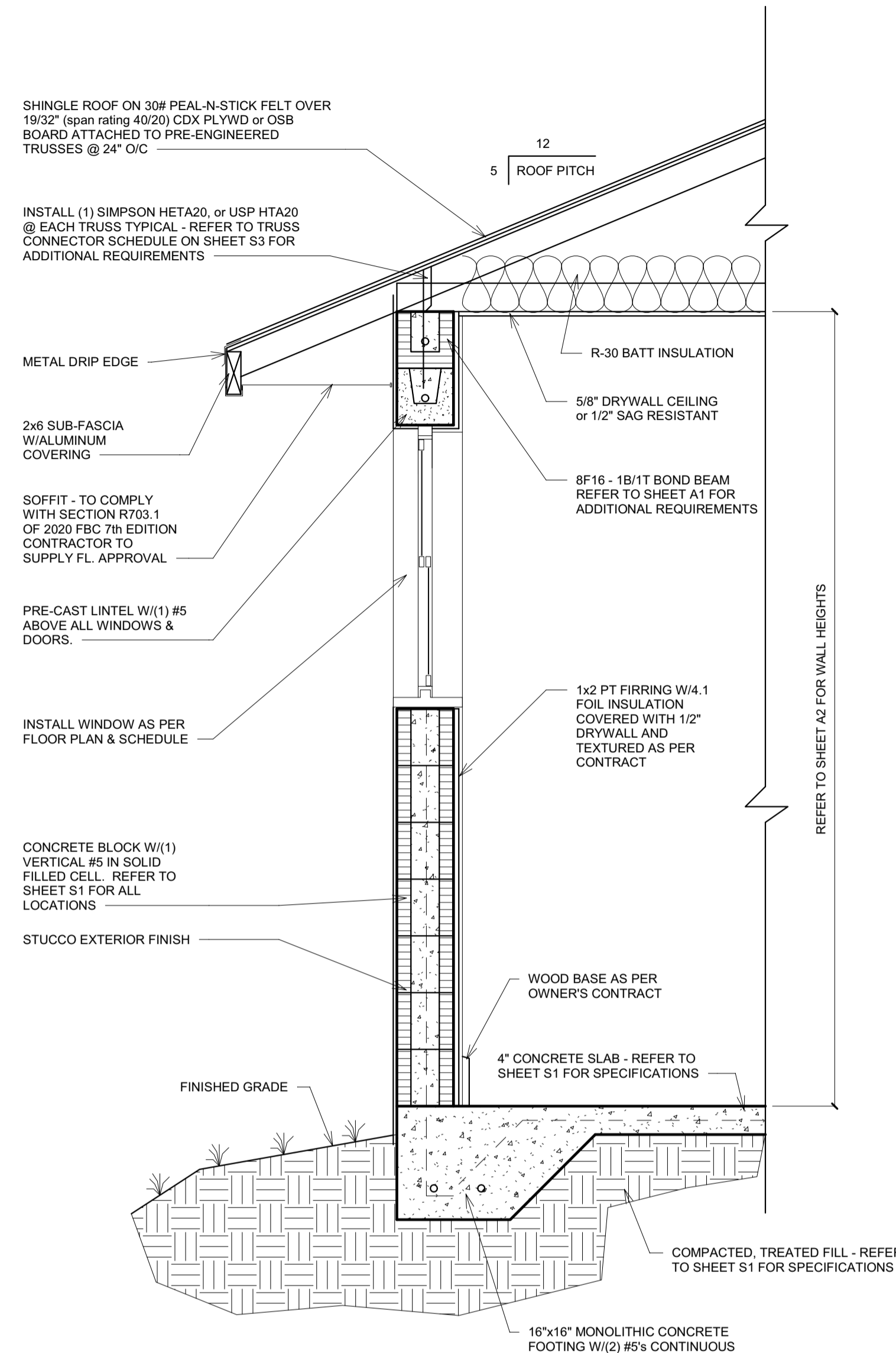
Electrical Plan

Print Date: 10/15/2021 2:29:23 PM

Master by:
J.R. Rost Associates, Inc.
Engineers, Planners, & Development Consultants
4301 Veronica Shoreline Blvd. - Fort Myers, Florida 33916 - 239-935-5222
Equal Opportunity Employer M/F/V

CADD Services Provided By:
J.R. ROST
Associates, Inc.
561 Lee Street Unit E, Lehigh Acres, FL 33971
PH: (239)935-5900 FAX: (239) 396-5125

Contractor / Owner to Review Plans
* THE DRAWING OR ANY PART THEREOF IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF J.R. ROST ASSOCIATES, INC. ANY SUCH UNAUTHORIZED USE IS AT THE USER'S SOLE RISK. THE DRAWING IS THE PROPERTY OF J.R. ROST ASSOCIATES, INC. AND IS NOT TO BE REPRODUCED, COPIED, EITHER WHOLLY OR IN PART, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF J.R. ROST ASSOCIATES, INC. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



2) Typ. Monolithic Wall Section 8F16-1B/1T
3/4" = 1'-0"

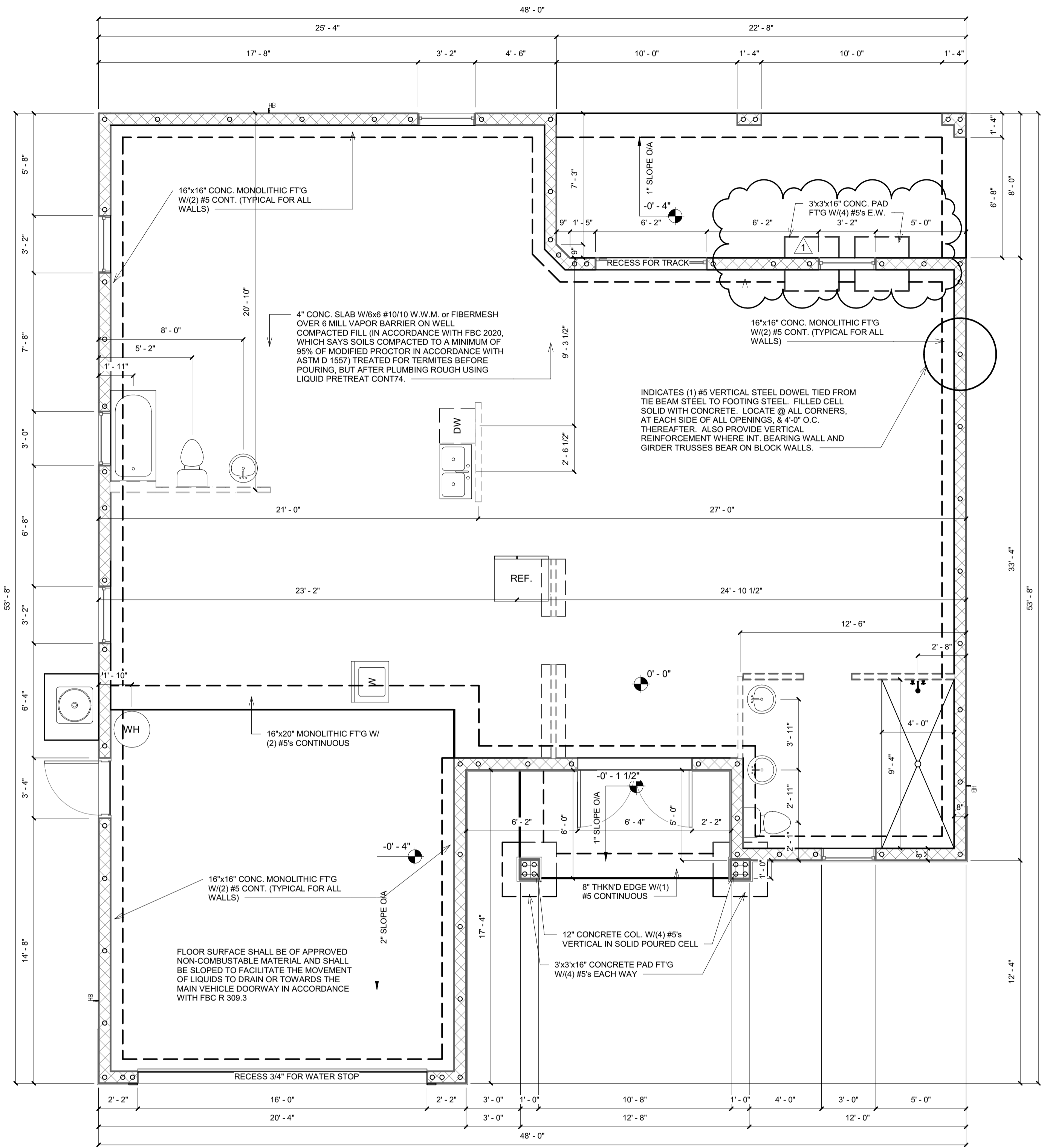
TERMITE PROTECTION

Termite protection shall be provided by registered termiticides or other approved methods of termite protection labeled for use as a preventative treatment to new construction. If soil treatment is used for subterranean termite prevention, in initial chemical soil treatment inside the foundation perimeter shall be done after all excavation, backfilling and compaction is complete. Soil area disturbed after initial chemical soil treatment shall be retreated with chemical soil treatment, including space boxes or formed. Space in concrete floors boxed out or formed for subsequent installation of plumbing traps, drains or any other purpose shall be created by using plastic or metal permanently placed forms of sufficient depth to eliminate any planned soil disturbance after initial chemical soil treatment. Chemically treated soil shall be protected with a minimum 6 mil vapor retarded to protect against rainfall dilution. If rainfall occurs before vapor retarder placement, retreatment is required. Any work, including placement of reinforcing steel, done after chemical treatment until the concrete floor is poured, shall be done in such a manner as to avoid penetrating or disturbing treated soil. Concrete over pour or mortar accumulated along the exterior foundation perimeter, shall be removed prior to exterior chemical soil treatment, to enhance vertical penetration of the chemical. Chemical soil treatments shall also be applied under all exterior concrete or grade within one foot (305mm) of the primary structure sidewalls. Also a vertical chemical barrier shall be applied promptly after construction is completed. Including initial landscape and irrigation / sprinkler installation. Any soil disturbed after the chemical vertical barrier is applied shall be promptly retreated. All buildings shall have pre construction treatment protection against subterranean termites. The rules and laws as established by the Florida Department of Agriculture and consumer services shall be deemed as approved with respect to pre construction soil treatment for protection against subterranean termites. A certificate of compliance shall be issued to the building department by a licensed pest control company that contains the following statement:

The building has received a complete treatment for the prevention of subterranean termites.

Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and consumer services.

Protective sleeves around metallic piping penetrating concrete slab-on-grade floors shall not be of cellulose containing materials and shall receive application of a termiticide in annular space between sleeve and pipe.



1) Foundation
1/4" = 1'-0"

Master by: **Quatrone & Associates, Inc.**
Engineers, Planners, & Development Consultants
4811 Veronica Shumaker Blvd. - Fort Myers, FL 33916 - 299-95522
Central & Southern Florida, Inc. dba

1562 Model 2021

Lee County, Florida

CADD Services Provided By:

J.R. ROST
Associates, Inc.
561 Lee Street, Suite 112, Leesburg, FL 34748
PH: (239) 395-5900 FAX: (239) 395-5125

NOTE TO MASON CONTRACTOR:
THE MASON CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL MASONRY OPENINGS WITH PROPER MANUFACTURE'S SPEC. PRIOR TO CONSTRUCTION.

ALLOWABLE SOIL LOAD:
THIS PROJECT IS DESIGNED ASSUMING AN ALLOWABLE SOIL LOAD OF 2,000 PSF. THE CONTRACTOR SHALL VERIFY AND OBTAIN A SOILS REPORT. IF CONDITIONS ARE FOUND TO BE DIFFERENT, CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO ANY CONSTRUCTION.

#	Revision	Date
1	Updated Title Plan	08-29-2021

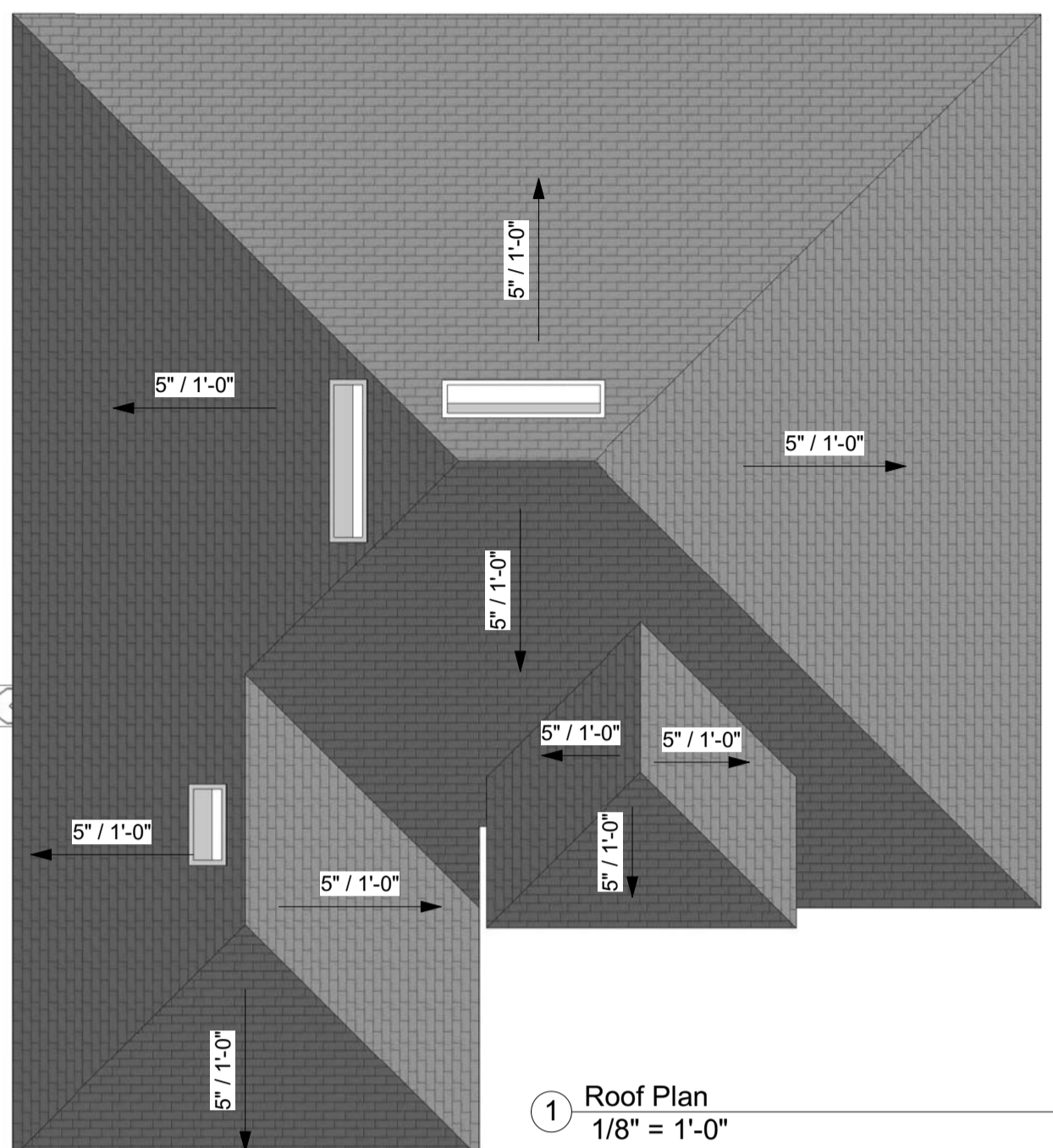
Strap# Master 1562 Model
Start Date June 25, 2021
Drawn By jlr
Checked By ajq

S1
Foundation Plan
Print Date: 10/15/2021 2:29:24 PM

Contractor / Owner to Review Plans
I HAVE REVIEWED THESE PLANS FOR CONFORMANCE WITH THE LOCAL ORDINANCES, RULES AND REGULATIONS, AND I HAVE FOUND THEM TO BE IN CONFORMANCE WITH THE SAME. HOWEVER, I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF THESE PLANS OR THE RESULTS OF THEIR CONSTRUCTION. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF THE INFORMATION PROVIDED TO ME BY THE CLIENT. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF THE INFORMATION PROVIDED TO ME BY THE CLIENT. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF THE INFORMATION PROVIDED TO ME BY THE CLIENT.

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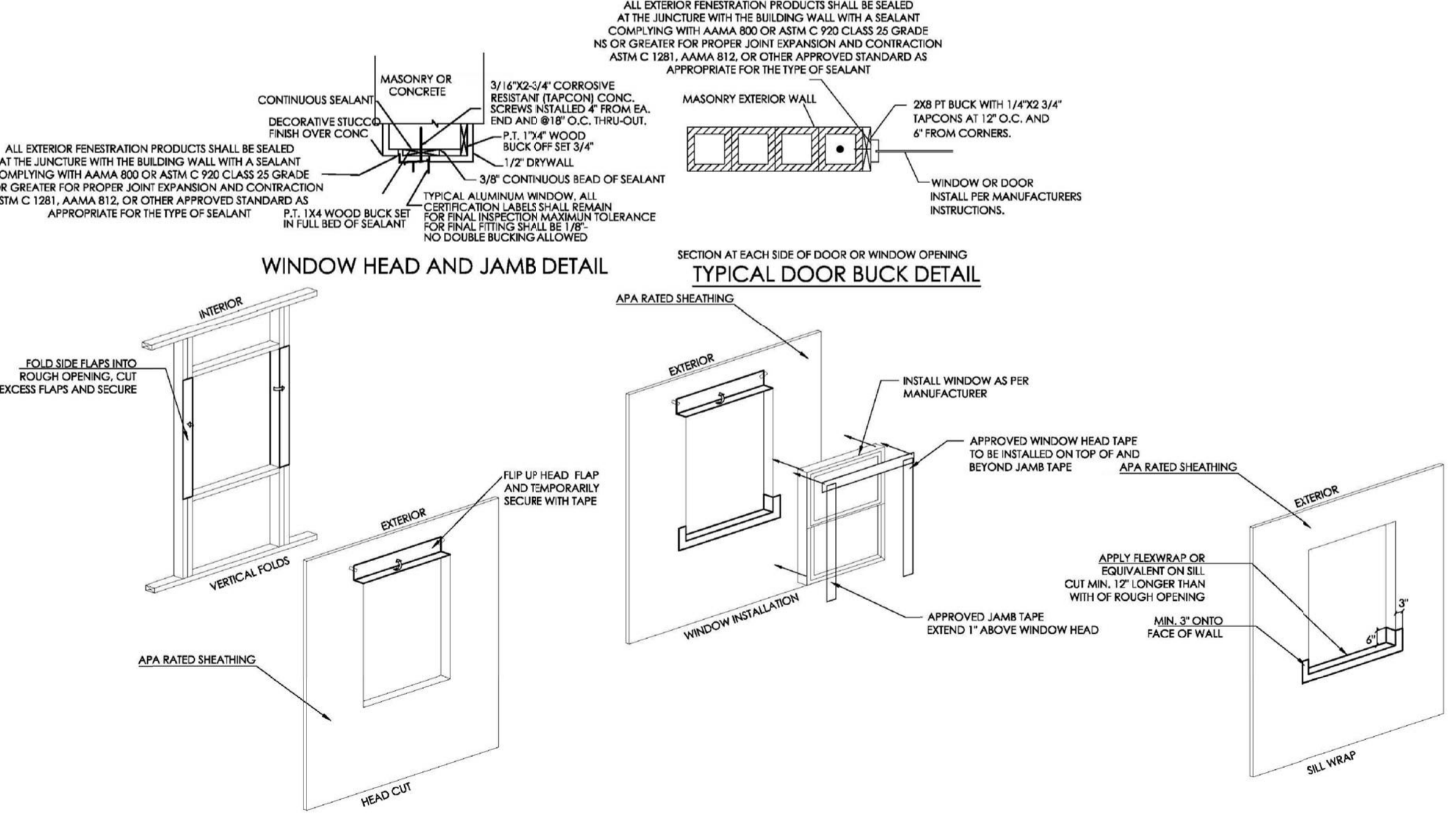
1 Roof Plan 1/8" = 1'-0"

TRUSS FASTENER SCHEDULE

Table with columns: MARK, BEARING TYPE, UPLIFT, NO., MANUFACTURER, LOCATION, NOTES. Includes rows for TYPICAL TRUSS CONCRETE and WOOD.

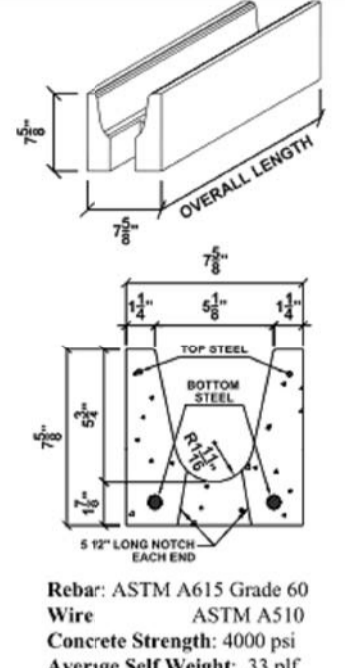
- 1. EQUIVALENT FASTENERS OF OTHER MANUFACTURES MAY BE SUBSTITUTED...
2. TRUSS ERECTOR SHALL USE CAUTION GIVEN TO NAILING US AS NOT TO SPLIT THE LUMBER.
3. ALL TRUSS TO TRUSS CONNECTIONS BY TRUSS MANUFACTURER.
4. TRUSSES PREPARED BY: SOUTHWEST STRUCTURAL SYSTEMS, INC. Dated 12-07-2020, Job# 17732
5. THESE PLANS HAVE BEEN COORDINATED WITH THE TRUSS LAYOUT LISTED IN #4 ABOVE. FOUNDATION HAS BEEN CHECKED FOR REACTIONS AND FOUNDATION SPECIFIED HERE FOR ALL UPLIFTS.

DESIGNED TO MEET THE REQUIREMENTS OF FBC 2020 7th EDITION SECTION R703.4 FLASHING



8" PRECAST U-LINELS STANDARD LENGTHS

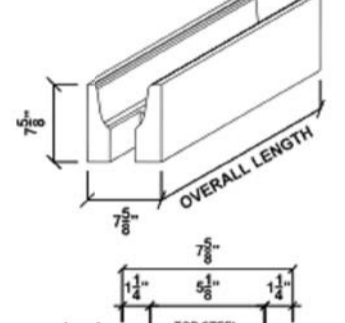
Table listing overall length, top steel, and bottom steel for 8" precast u-lineels in 1-foot increments from 3'-0" to 14'-0".



Rebar: ASTM A615 Grade 60 Wire: ASTM A510 Concrete Strength: 4000 psi Average Self Weight: 33 pcf Finish: Grey Block

8" PRESTRESSED U-LINELS STANDARD LENGTHS

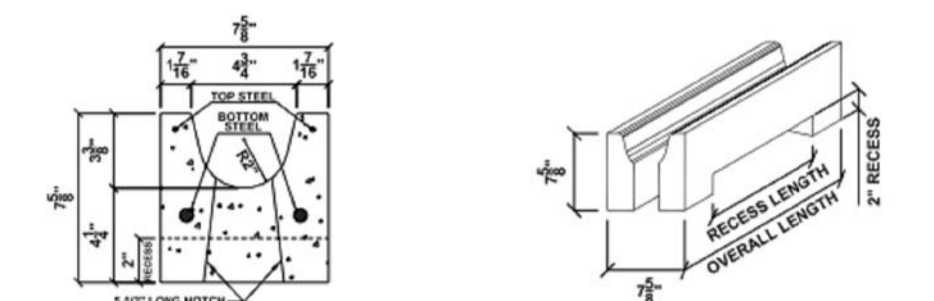
Table listing overall length, top steel, and bottom steel for 8" prestressed u-lineels in 1-foot increments from 14'-8" to 24'-0".



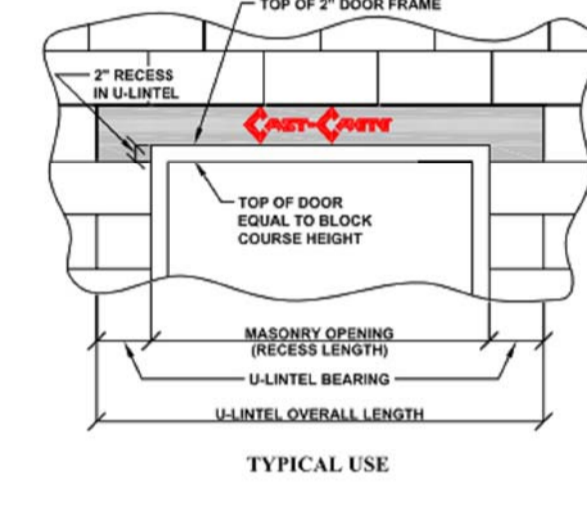
Rebar: ASTM A615 Grade 60 Wire: ASTM A510 Strand: ASTM A416 Grade 270 Concrete Strength: 6000 psi Synthetic Fibers: 2.5 lbs/yd Average Self Weight: 37 pcf Finish: Grey Smooth Form

8" PRECAST W/2" RECESS DOOR U-LINELS STANDARD LENGTHS

Table listing overall length, recess length, door size, top steel, and bottom steel for 8" precast w/2" recess door u-lineels in 1-foot increments from 3'-8" to 9'-8".

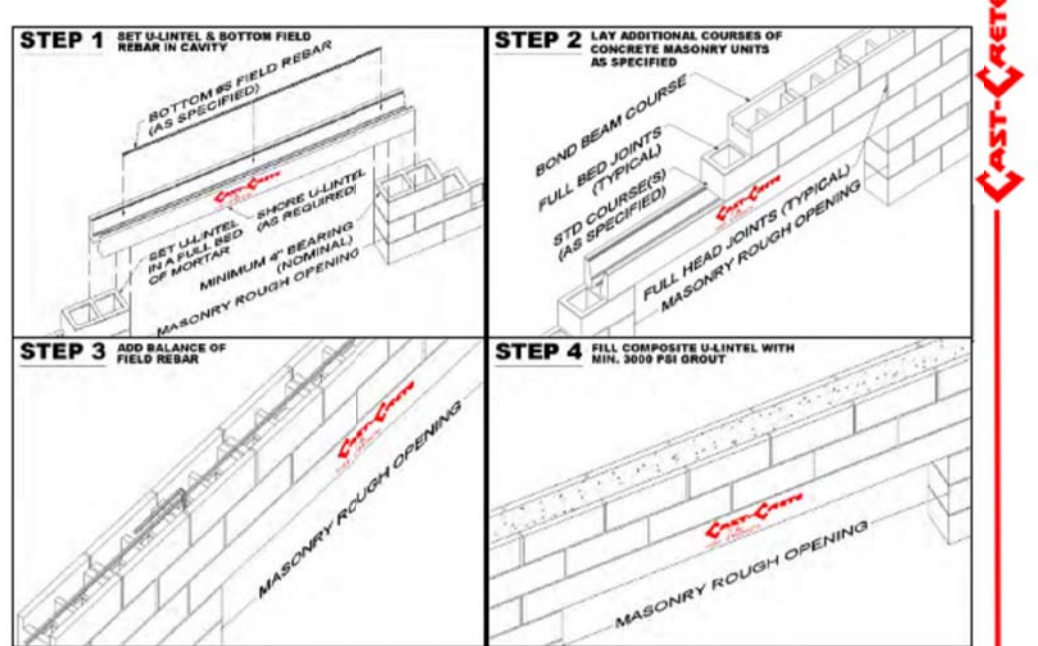


Rebar: ASTM A615 Grade 60 Wire: ASTM A510 Concrete Strength: 4000 psi Average Self Weight: 29 pcf Finish: Grey Block



Note: 2" recess door U-lineels are used where the top of the door is equal to the block course height with a 2" door frame.

INSTALLATION OF COMPOSITE U-LINTEL



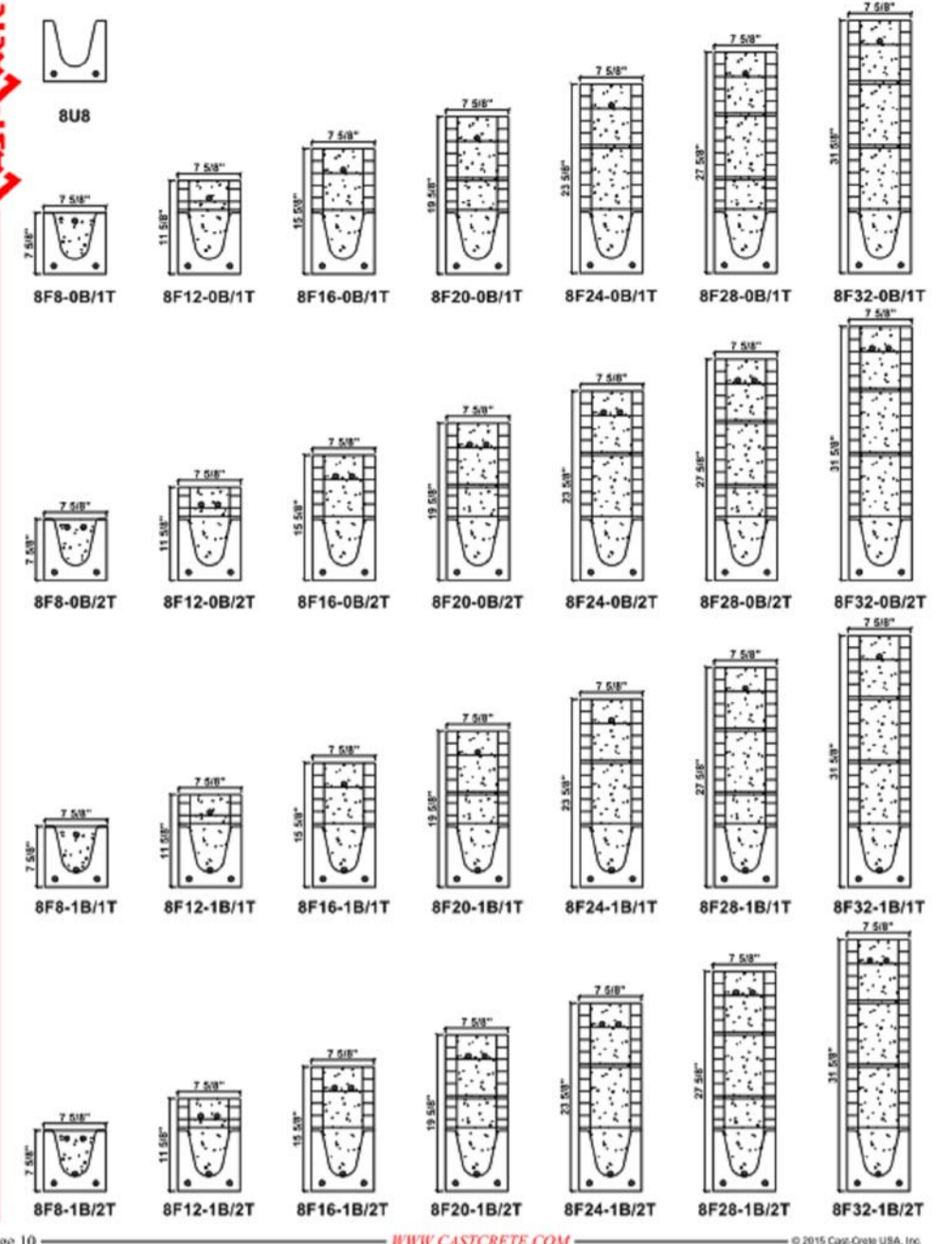
INSTALLATION NOTES

- 1. Installation of U-lineels must comply with architectural and/or structural drawings.
2. U-lineels are manufactured with 5/16 inch long notch at ends to accommodate vertical cell reinforcing and girth.
3. U-lineels can be field cut to the required length.
4. Bottom field added rebar to be located at the bottom of U-lined field.
5. Cast-in-place concrete may be provided in composite U-lined in lieu of concrete masonry units.

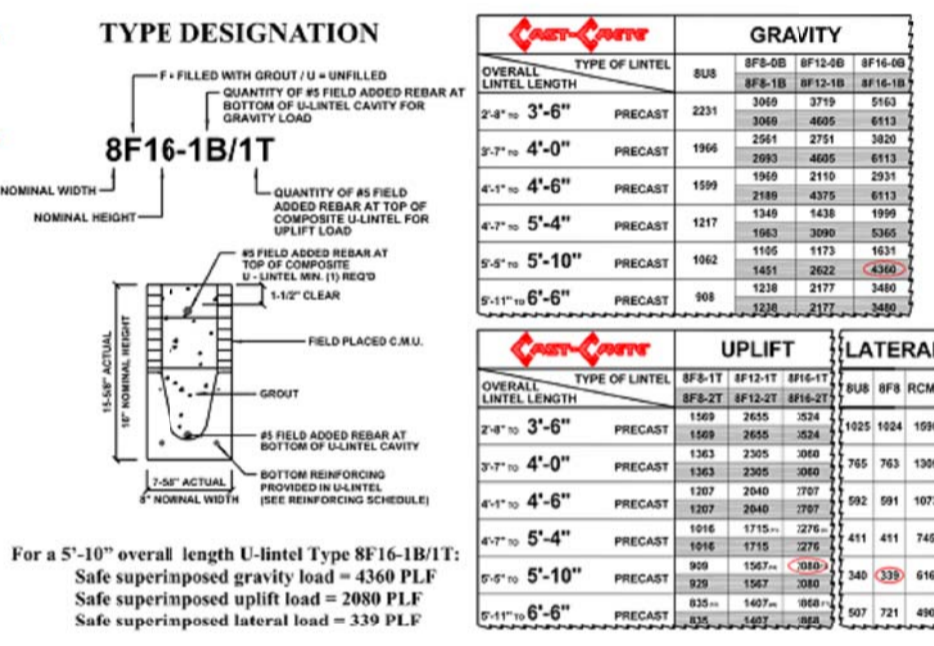
COMPOSITE U-LINTEL MATERIALS

- Grout per ASTM C476 (f'c = 3000 psi) maximum 3/8 inch aggregate and 8 to 11 inch slump.
• Concrete masonry units (CMU) per ASTM C90 with minimum net area compressive strength = 1900 psi.
• Rebar per ASTM A615 Grade 60 or Grade 40.
• Mortar per ASTM C270 Type M or S.

8" COMPOSITE U-LINTEL TYPES



HOW TO READ SAFE LOAD TABLES



SAFE LOAD TABLE NOTES

- 1. All values based on minimum 4 inch nominal bearing.
2. Safe loads for uplift and lateral loads may be reduced by 20% if bearing length is less than 6 inches.
3. N.R. = Not Rated.
4. One #7 rebar may be substituted for two #6 rebar in 8 inch U-lineels only.
5. The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting moment and shear at 6-way from the face of support.
6. For composite U-lined heights not shown, use safe load from the next lower height.

8" PRECAST U-LINELS SAFE LOADS (GRAVITY)

Table showing safe load capacities for 8" precast u-lineels under gravity loads for various overall lengths and types.

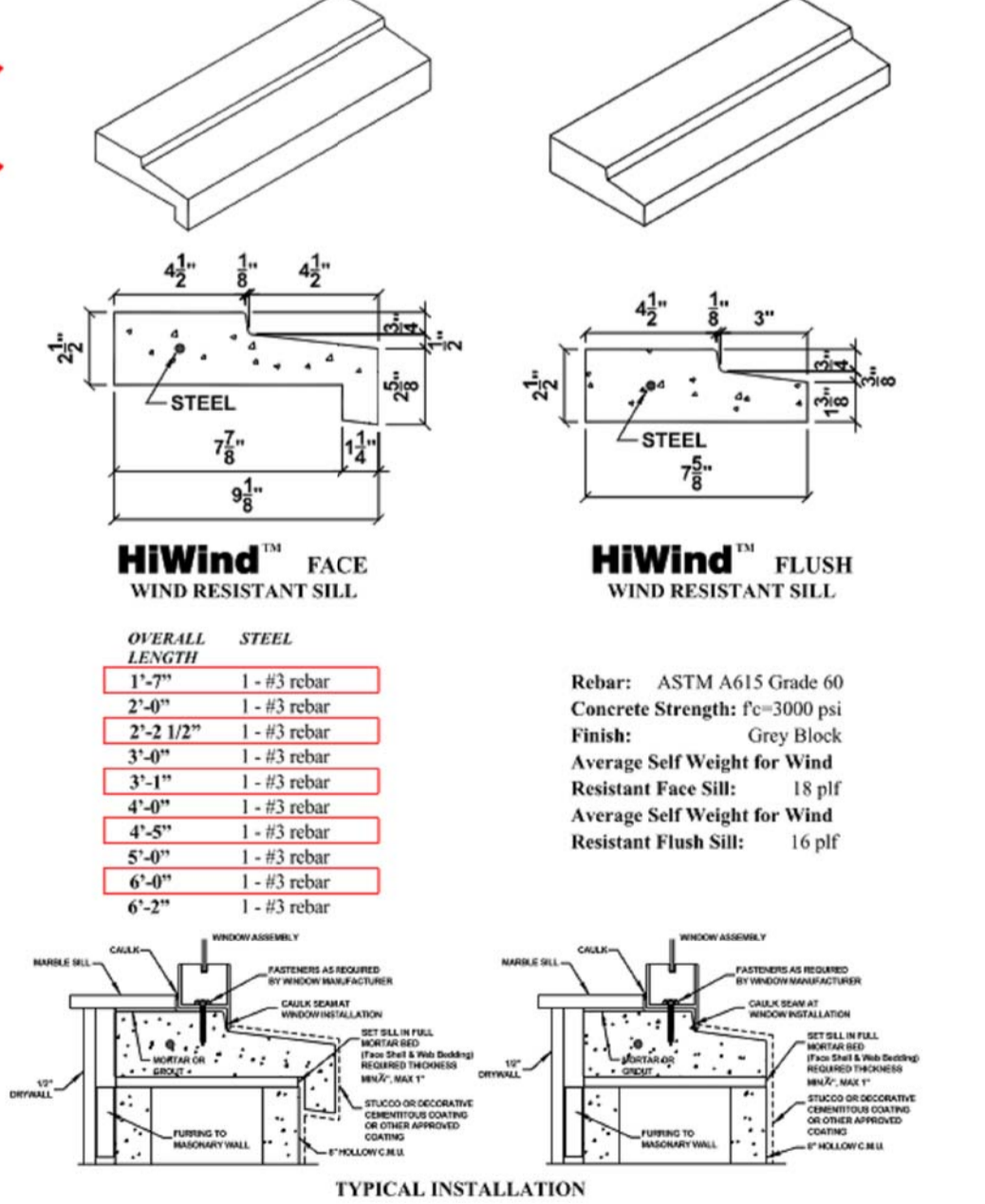
8" PRECAST W/2" RECESS DOOR U-LINELS SAFE LOADS (GRAVITY)

Table showing safe load capacities for 8" precast w/2" recess door u-lineels under gravity loads for various overall lengths and types.

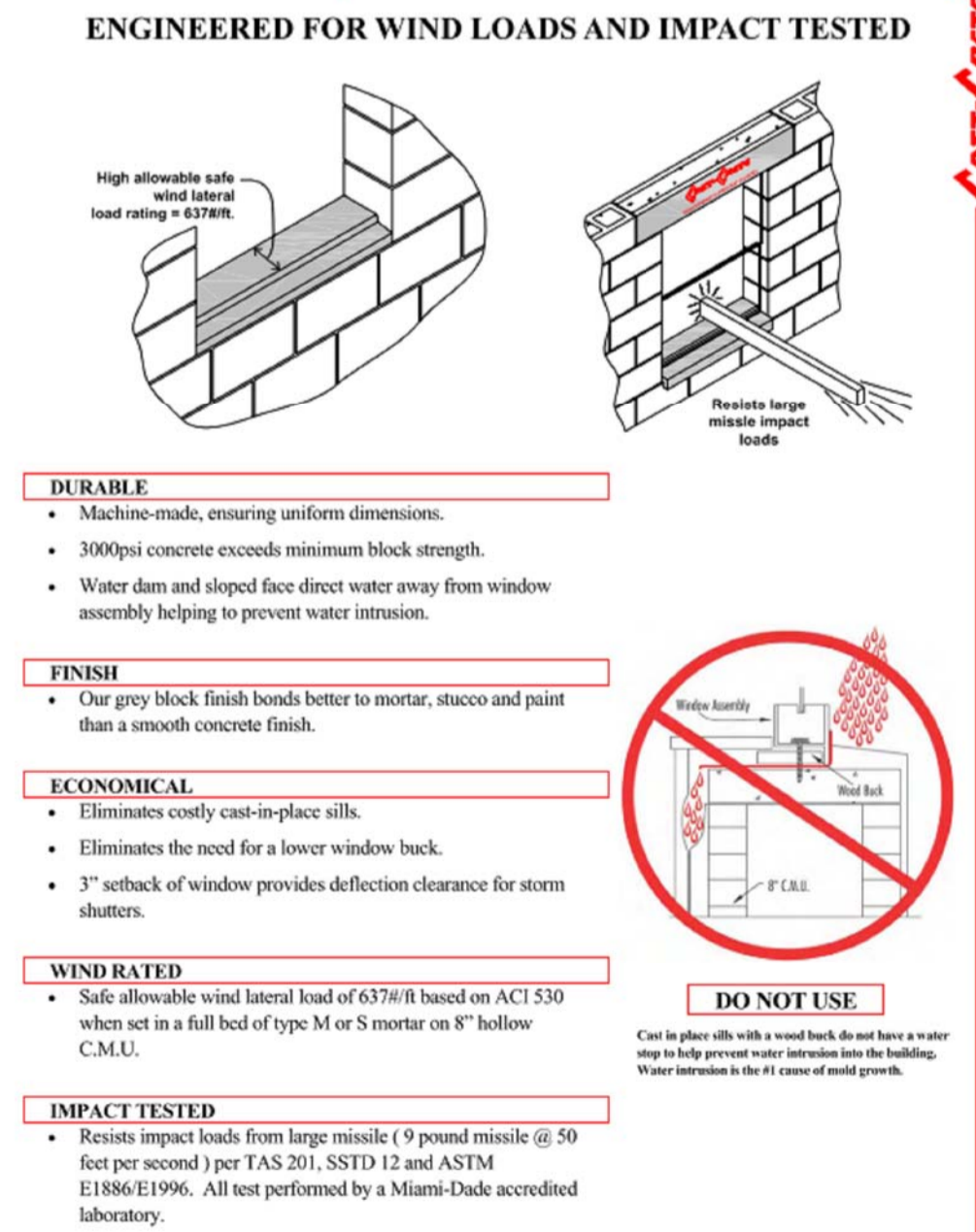
UPLIFT and LATERAL SAFE LOADS

Table showing safe load capacities for 8" precast u-lineels under uplift and lateral loads for various overall lengths and types.

HiWind WIND RESISTANT PRECAST SILLS



HiWind WIND RESISTANT PRECAST SILLS



Vertical sidebar containing contact information for J.R. Rost Associates, Inc., including address, phone, and website. Also includes a revision table and a logo for S3 Structural Details & Roof Plan.

REVISION DATES:	
REV./	REV./
REV./	REV./

GENERAL INFORMATION

READ ALL NOTES. TRUSSES WILL NOT BE MANUFACTURED WITHOUT APPROVAL OF THIS DRAWING.

WARNING AND INSTRUCTIONS: THOSE INSTALLING AND USING THESE COMPONENTS MUST READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS INCLUDED IN THE DELIVERY AND ENGINEERING PACKAGE. DO NOT INSTALL OR USE THESE COMPONENTS UNTIL THE FULL DELIVERY PACKAGE IS RECEIVED AND ALL THE TRUSSES ARE VERIFIED FOR ACCURACY. REFER TO BCSI SUMMARY SHEET (TRUSS PLATE INSTITUTE RECOMMENDATIONS) AND INDIVIDUAL TRUSS DESIGNS FOR IMPORTANT INFORMATION REGARDING BRACING AND INSTALLATION GUIDELINES.

THE ADVICE OF A PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT MUST BE SOUGHT ON MATTERS RELATING TO BEARING DESIGN, ANCHORAGE, BRACING, INSTALLATION AND USE OF COMPONENTS. DADE TRUSS COMPANY IS NOT RESPONSIBLE FOR THESE MATTERS. A PERMIT FROM THE BUILDING DEPARTMENT IS REQUIRED TO INSTALL THESE COMPONENTS. DO NOT INSTALL THESE COMPONENTS UNTIL ONE IS OBTAINED. CONTRACTOR MUST ADHERE TO ALL BUILDING CODE REQUIREMENTS REGARDING THE INSTALLATION AND USE OF TRUSSES.

INSTALLATION AND USE: DO NOT CUT OR ALTER TRUSSES. DO NOT INSTALL OR USE DAMAGED TRUSSES AND REPORT ANY DAMAGED TRUSSES TO FABRICATOR. PROPER INSTALLATION AND USE OF THESE COMPONENTS IS THE SOLE RESPONSIBILITY OF THOSE PERSON INSTALLING AND USING THESE COMPONENTS. DADE TRUSS COMPANY, INC. IS NOT RESPONSIBLE FOR THE LIABILITIES THAT MAY RESULT FROM FIELD STORAGE, MISUSE, OR IMPROPER INSTALLATION OF THESE COMPONENTS WHICH MAY RESULT IN FAILURES, BODILY INJURY, LOSS OR PROPERTY, AND/OR LIFE. TRUSSES MUST BE INSTALLED BY CONTRACTORS WITH SUFFICIENT EXPERIENCE IN TRUSS INSTALLATION AND HANDLING.

ERECTION SUPERVISION IS REQUIRED BY A PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT FOR TRUSSES OVER 40 FEET IN LENGTH. NO ALTERATION OF THE TRUSSES IS ALLOWED WITHOUT PREVIOUS APPROVAL OF TRUSSES MANUFACTURER. ANY UNAUTHORIZED ALTERATION, REPAIR, OR MODIFICATION OF THE TRUSSES WILL CAUSE DADE TRUSS COMPANY TO RELINQUISH RESPONSIBILITY FOR THE STRUCTURAL SAFETY OF THOSE TRUSSES AND TO NOTIFY BUILDING OFFICIALS. THIS IS A TRUSS PLACEMENT DRAWING ONLY. TRUSSES SHOWN ON THIS PLAN ARE A COMPONENT PART OF A STRUCTURE. THIS PLAN IDENTIFIES TRUSS LOCATION, INSTALLER MUST REFER TO INDIVIDUAL ENGINEERING DRAWINGS FOR PROPER IDENTIFICATION OF TRUSSES.

BRACING: ERECTION AND PERMANENT BRACING WHICH IS ALWAYS REQUIRED ARE THE RESPONSIBILITY OF THE CONTRACTOR NOT THE TRUSS FABRICATOR. REFER TO INDIVIDUAL TRUSS DESIGNS AND ARCHITECTURAL OR ENGINEERING DRAWINGS FOR ADDITIONAL BRACING REQUIRED TO BE INSTALLED DURING ERECTION. REFER TO ARCHITECTURAL DRAWINGS FOR BRACING REQUIRED TO RESIST WIND AND OTHER SPECIFIC LOADING CONDITIONS. PERSONS ERECTING TRUSSES ARE CAUTIONED TO SEEK PROFESSIONAL ADVICE REGARDING ERECTION BRACING WHICH IS ALWAYS REQUIRED TO PREVENT TOPPLING AND COLLAPSING DURING INSTALLATION. TRUSSES SHALL BE ERECTED AND FASTENED IN A STRAIGHT AND PLUMB POSITION.

BEARINGS: ALL BEARINGS, BEARING DESIGNS, BRACING, AND ANCHORAGE, ARE RESPONSIBILITY OF THE PROJECT DESIGNER. REFER TO INDIVIDUAL TRUSS DESIGNS FOR REACTIONS AND UPLIFTS. TRUSSES MAY NOT BEAR ON ANY INTERIOR WALL OR PARTITION UNLESS DESIGNED FOR THE SAME.

GIRDERS: GIRDER PLIES SHOULD BE FIELD CONNECTED BY BUILDER AS SHOWN ON THE INDIVIDUAL ENGINEERING DESIGNS.

SPACING: TRUSS SPACING 24" OC UNLESS OTHERWISE NOTED ON LAYOUT.

HANGERS: TRUSS MANUFACTURER WILL ONLY SUPPLY STANDARD LIGHT GAUGE TRUSS TO TRUSS CONNECTORS AS SHOWN IN THE ENGINEERING PACKAGE AND ONLY FOR SPANS OVER 12'. ALL HANGERS REQUIRED FOR TRUSSES OF LESS THAN 12' IN SPAN AND WITH REACTIONS OF LESS THAN 600 LBS MUST BE SUPPLIED BY BUILDER. ALL CONNECTIONS REQUIRING SPECIALLY MANUFACTURED HANGERS ARE TO BE SUPPLIED BY BUILDER.

ACCEPTANCE AND APPROVAL: ALL DIMENSIONS, QUANTITIES, LOADING, AND DETAILS ON THIS PLAN AND ON INDIVIDUAL TRUSS DESIGNS MUST BE REVIEWED AND APPROVED BY THE PROJECT ARCHITECT, ENGINEER, AND/OR CONTRACTOR BEFORE FABRICATION. BY ACCEPTING, REVIEWING OR AUTHORIZING FOR FABRICATION THE TRUSSES DESCRIBED IN THIS DRAWING, THE BUYER OR BUYER'S REPRESENTATIVE ACCEPTS ALL CONDITIONS DESCRIBED HEREIN.

TRUSS PLACEMENT PLAN AND INDIVIDUAL TRUSS DESIGNS ACCEPTED AND APPROVED.

By: _____
Date: _____

Client: -- J.R. Rost Associates, Inc.

Job Name: -- 1562 MODEL

Model: --

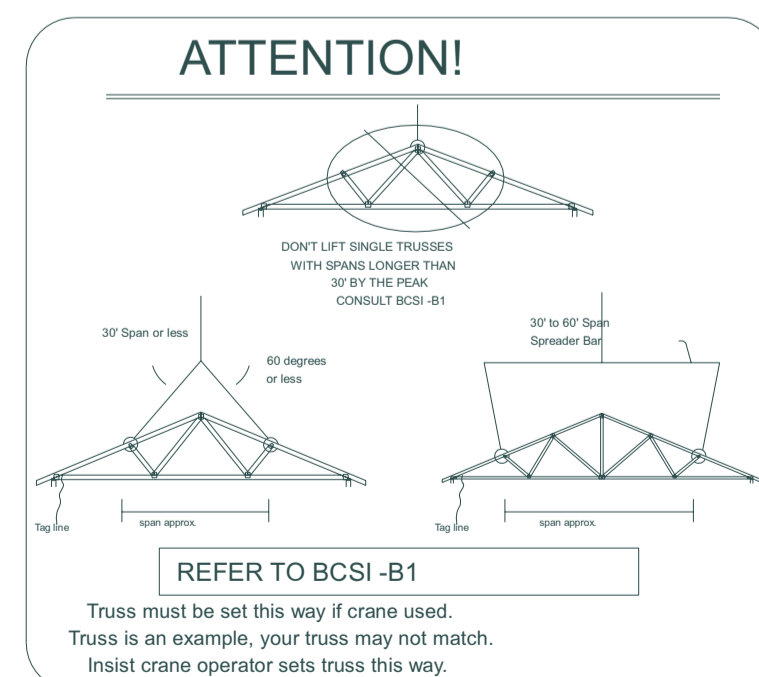
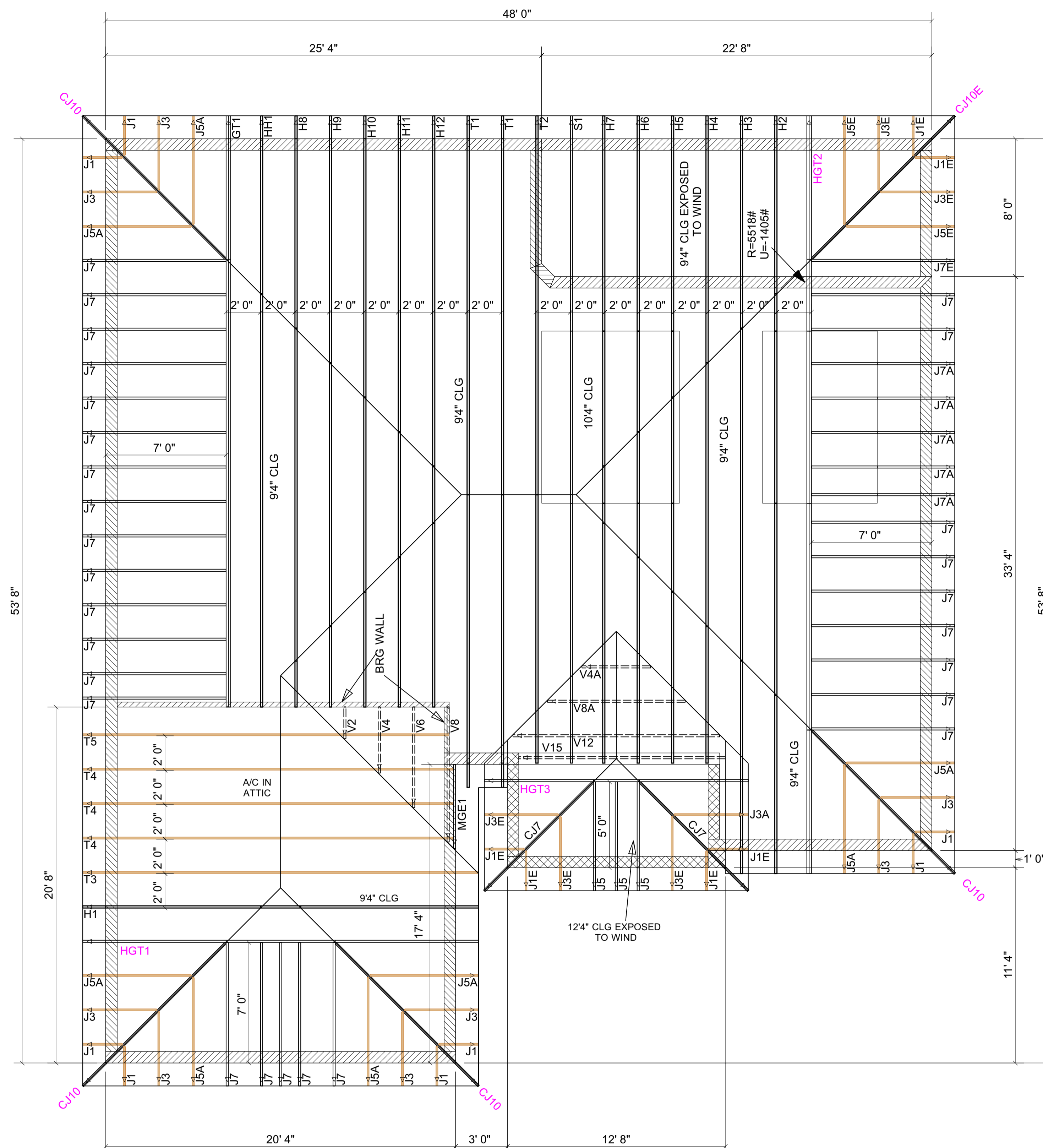
Date: 12/07/20

Lot #: Lot Block:

Job Addr: --

Architect:

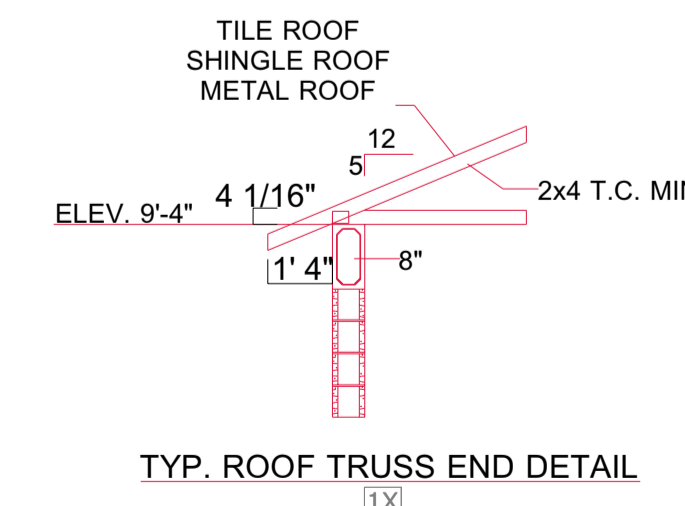
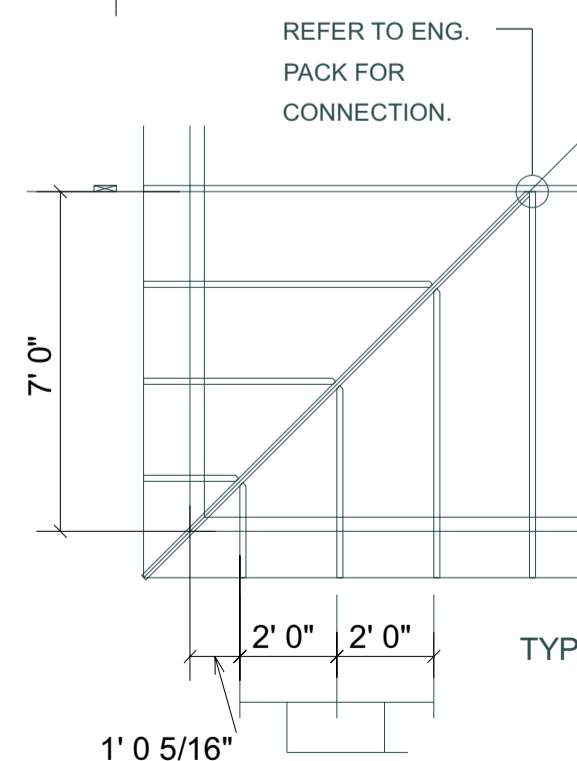
DES. A.O.



Hatch Legend	
	12'0" CLG
	9'4" BRG

ROOF DESIGNED FOR
SHINGLE
or **TILE**

ALL REACTIONS OVER 5000#
AND UPLIFTS OVER 1000#
ARE SHOWN ON LAYOUT.



Reviewed for Code Compliance
By: Glenn Cribbett Date: 10/25/2021
RESMSTR2021-00220

DESIGN DATA	
LOADING CRITERIA: FBC2020 / TP12014	
FLOOR LIVE: 20 PSF FLOOR DEAD: 30 PSF	
WIND DESIGN CRITERIA: ASCE 7-16	
WIND DESIGN VELOCITY: 160 MPH	
WIND DURATION FACTOR: 1.60	
EXPOSURE: B CATEGORY: II	
DESIGN ELEVATION: 15'-0"	
DEAD LOAD FOR UPLIFT: 10 PSF	
IMPORTANCE FACTOR: 1.00	

COMPONENTS MANAGEMENT SYSTEMS, INC.
CERTIFICATE OF AUTHORIZATION # 30680
6401 NW 74 AVENUE MIAMI, FL 33166
305-592-8245
305-592-8246
SALVADOR A. JURADO PE, FLORIDA REGISTRATION # 19939

THIS IS A TRUSS PLACEMENT PLAN. ITS INTENDED TO AID IN THE INSTALLATION OF TRUSSES. ENGINEERED TRUSS DRAWINGS AND ARCHITECTURALS SUPERCEDE THIS DOCUMENT.