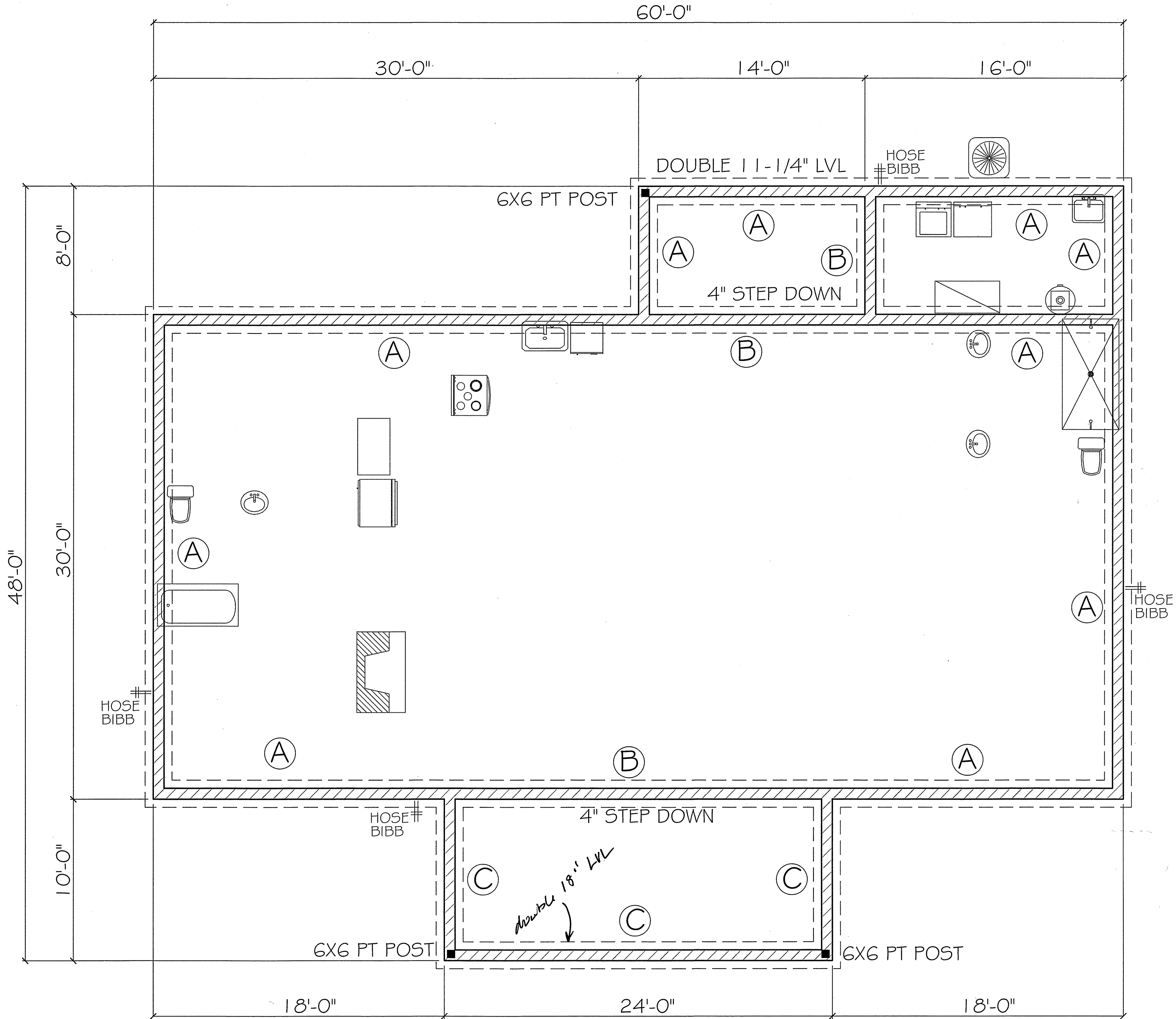
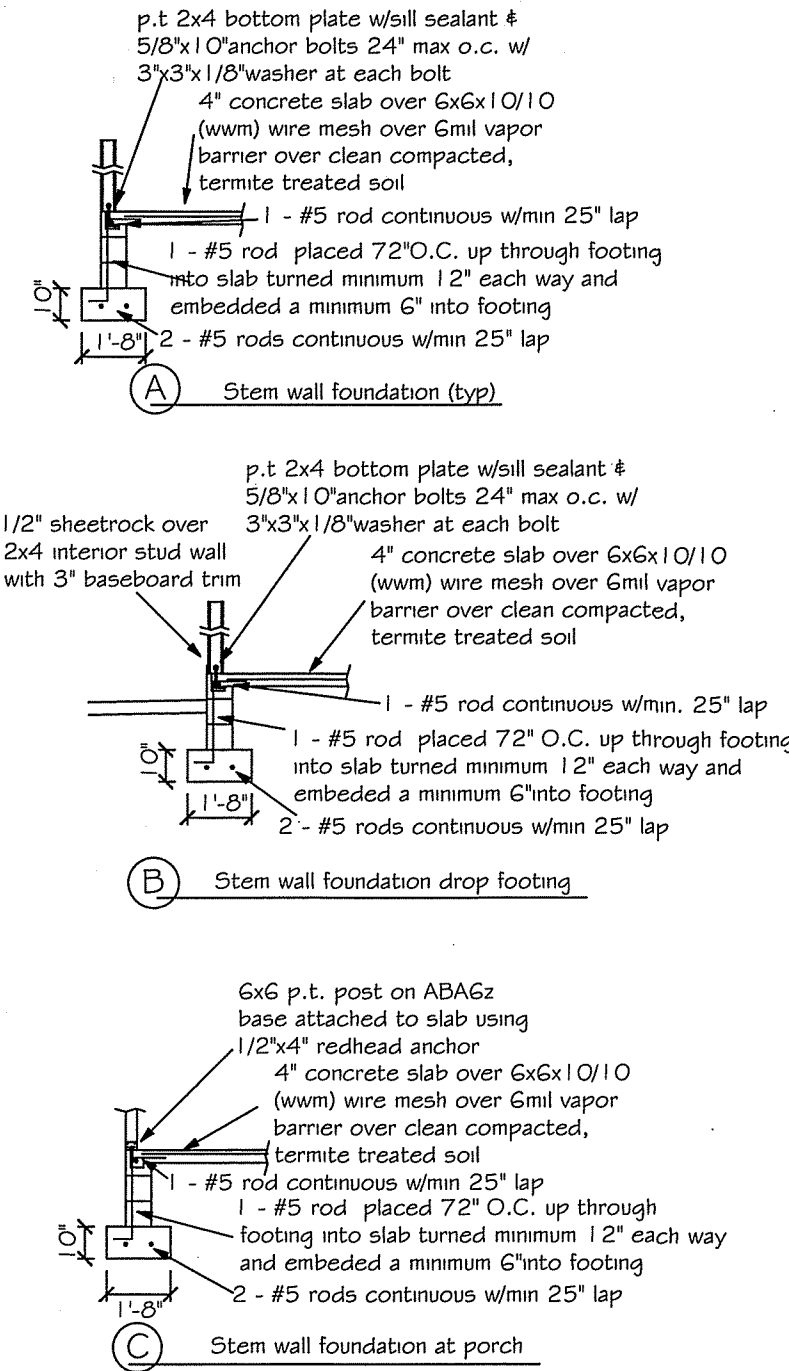


DESIGN SPECIFICATIONS

- DESIGN CODES:
2020 FLORIDA BUILDING CODE (FBC) - RESIDENTIAL
ASCE 7-10, 2005
NDS, ACI, ATIG, AWPA, APA, ICC 600-08
- OCCUPANCY: RESIDENTIAL GROUP R-3 (ONE- AND TWO-FAMILY DWELLINGS)
- DESIGN LOADS:
ROOF CONVENTIONAL FRAMING:
LL 20 PSF RAFTERS
LL 20 PSF CEILING JOISTS
DL 10 PSF RAFTERS
DL 10 PSF CEILING JOISTS
DL 30 PSF ATTICS WITH STORAGE
DL 10 PSF ATTICS W/O STORAGE
FLOORS:
LL 40 PSF TOP CHORD
LL 0 PSF BOTTOM CHORD
DL 10 PSF TOP CHORD
DL 5 PSF BOTTOM CHORD
- NUMBER OF STORIES: 1
- TYPE OF CONSTRUCTION: TYPE V-G, UNPROTECTED, UNSPRINKLERED
- WIND ZONE INFORMATION
BUILDING: ENCLOSED STRUCTURE
ULTIMATE DESIGN WIND SPEED: 130 MPH
NOMINAL DESIGN WIND SPEED: 110 MPH
BUILDING RISK CATEGORY: II
WIND EXPOSURE CATEGORY: C
INTERNAL PRESSURE COEFFICIENT: 0.18 CGPI ±

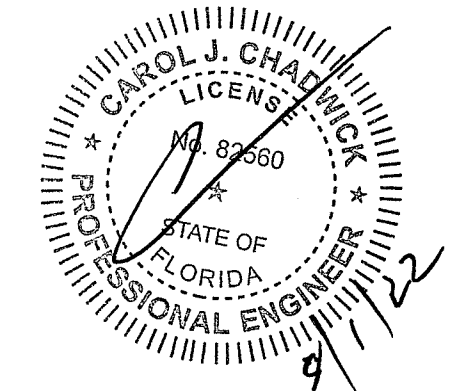


FOUNDATION PLAN
SCALE: 1/4" = 1'

FOUNDATION NOTES

- REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC.
- CONTRACTOR SHALL VERIFY ALL ROUGH PLUMBING LOCATIONS WITH ARCHITECTURAL PLANS PRIOR TO POURING SLAB.
- THE SLAB SHALL BE 4" CONCRETE SLAB REINFORCED W/ 6X6-1.4/1.4 WELDED WIRE MESH PLACED ON CHAIRS. 1" DEPTH OR FIBER MESH CONCRETE, G-MIL POLY VAPOR BARRIER W/ 6" LAPS SEALED W/ POLY TAPE OVER TERMITE-TREATED & COMPACTED FILL.
- BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL PER FBC-RES. SECTION R403.1.4

NOTE:
SOIL UNDER FOOTING SHALL BE
COMPRESSED TO 2000 PSF AT
95% DENSITY. CONCRETE
STRENGTH SHALL BE 2500 PSI



Digitally signed
by Carol
Chadwick
DN: cn=US,
c=Florida,
dnQualifier=A014
1000000017E86D
924CE000994C
c=Carol
Chadwick
Date: 2022.07.31
13:55:13 -0400

CAROL CHADWICK Professional Engineer State of Florida License No. 82680 Expiry Date: 7/31/2022	
PROJECT NO. F122113	DATE: JULY 31, 2022
PREPARED FOR: TEE & MARIA JONES	REVISION: 1
JOHN'S RESIDENCE FOUNDATION PLAN LAKE CITY, FL	

ROOF VENT CALCULATION					
FORMULA 1 SQUARE INCH FOR EVERY 300 SQUARE INCHES OF CEILING BUILDING CEILING (SQ FT) X 1.44 = BUILDING (SQ IN) BUILDING (SQ IN) / 300 = SQ IN OF VENT REQUIRED SQ IN OF VENT REQUIRED (2) = 50% IN FIBER AND 50% AT LOW PER FBC SECTION R803.2, 40% MIN, BUT NOT MORE THAN 50% OF VENTILATION MUST BE PROVIDED BY VENTILATORS LOCATED A MIN 3" OF ABOVE EAVE BASE OF CALCULATION: (a) OFF RIDGE VENTS - STAMPED W/ 36 SQ IN (NFVA) PER LINEAL FT (b) SOFFIT VENTS - 6" TS-103 FULL VENT PERFORATED W/ 9.19 SQ IN (NFVA) PER LINEAL FT CALCULATED LINEAL FOOT OF SOFFIT VENT SHALL NOT INCLUDE NON-VENTED FIRE RATED SOFFIT LOCATED LESS THAN 9' FROM PROPERTY LINE					
AREA (SQ FT)	REQUIRED VENTS	PROVIDED VENTS	UNSAT. FT	LOW (SQ IN)	LOW (SQ IN)
100	48	48	0	100	100
200	96	96	0	200	200
300	144	144	0	300	300
400	192	192	0	400	400
500	240	240	0	500	500
600	288	288	0	600	600
700	336	336	0	700	700
800	384	384	0	800	800
900	432	432	0	900	900
1000	480	480	0	1000	1000

NOTE
 7/16" O.S.B. NAILED WITH 8D 6"
 O.C. IN FIELD & 4" O.C. ON EDGES

NOTE
 Simpson Strong-Tie Co. Strong-Drive SDWC TRUSS Screws may be
 used for uplift connection in lieu of straps. Strong-Drive SDWC TRUSS
 Screws to be installed per manufacturer's specifications.

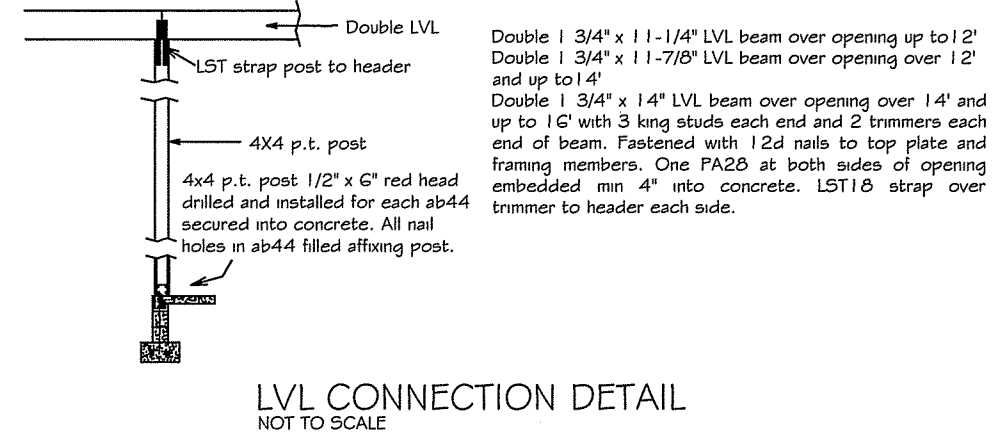
Simpson Strong-Tie Co. Titen HD Heavy-Duty Screw Anchors 5/8" x 8",
 maximum spacing of 42" o.c., may be used in lieu of 5/8"x10" anchor
 bolts with 3"x3"x1/8" washer. Titen HD Heavy-Duty Screw Anchors shall
 be installed per manufacturer's specifications.

ROOF SHEATHING FASTENING

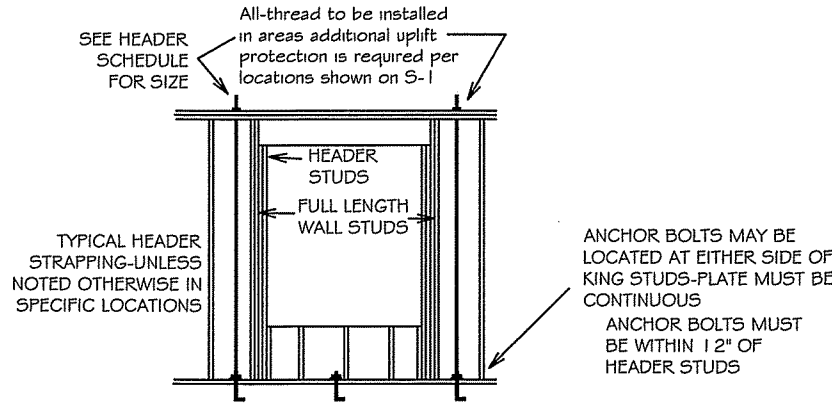
- 4" O.C. GABLE END
 - 6" O.C. EDGES (ALL ZONES)
 - 6" O.C. INTERMEDIATE FRAMING (ZONE 3)
 - 12" O.C. INTERMEDIATE FRAMING (ZONES 1 & 2)
- SEE FIGURE R803.2.3.1, SECTION R803.1, 2017 FLORIDA
 BUILDING CODE - RESIDENTIAL, SIXTH EDITION FOR ROOF
 SHEATHING NAILING ZONES

ROOF NOTES

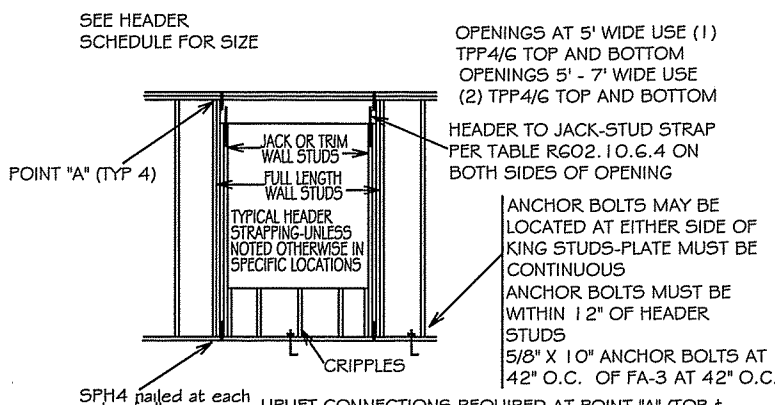
ROOF PITCH LESS THAN 4/12 ON LAYER OF UNDERLAYMENT IS REQUIRED
 OVERLAP ROOFING UNDERLAYMENT 4" MIN OVER HIP AND RIDGES
 BUTION CAP NAILS ARE USED TO FASTEN UNDERLAYMENT TO ROOF DECK
 WHEN SHINGLES NOT INSTALLED SAME DAY
 DRIP EDGE INSTALLED OVER THE UNDERLAYMENT AT RAKES AND UNDER THE
 UNDERLAYMENT AT EAVES
 ALL ROOF PENETRATIONS ARE PROPERLY FLASHED W/ FLASHING OF THE
 CORRECT SIZE FOR THE PENETRATION
 METAL ROOFING ATTACHED W/ CORRECT FASTENERS PER CODE AND
 MANUFACTURERS SPECS
 1" SPACE IS MAINTAINED BETWEEN THE END OF THE GUTTER AND THE WALL
 CLADDING



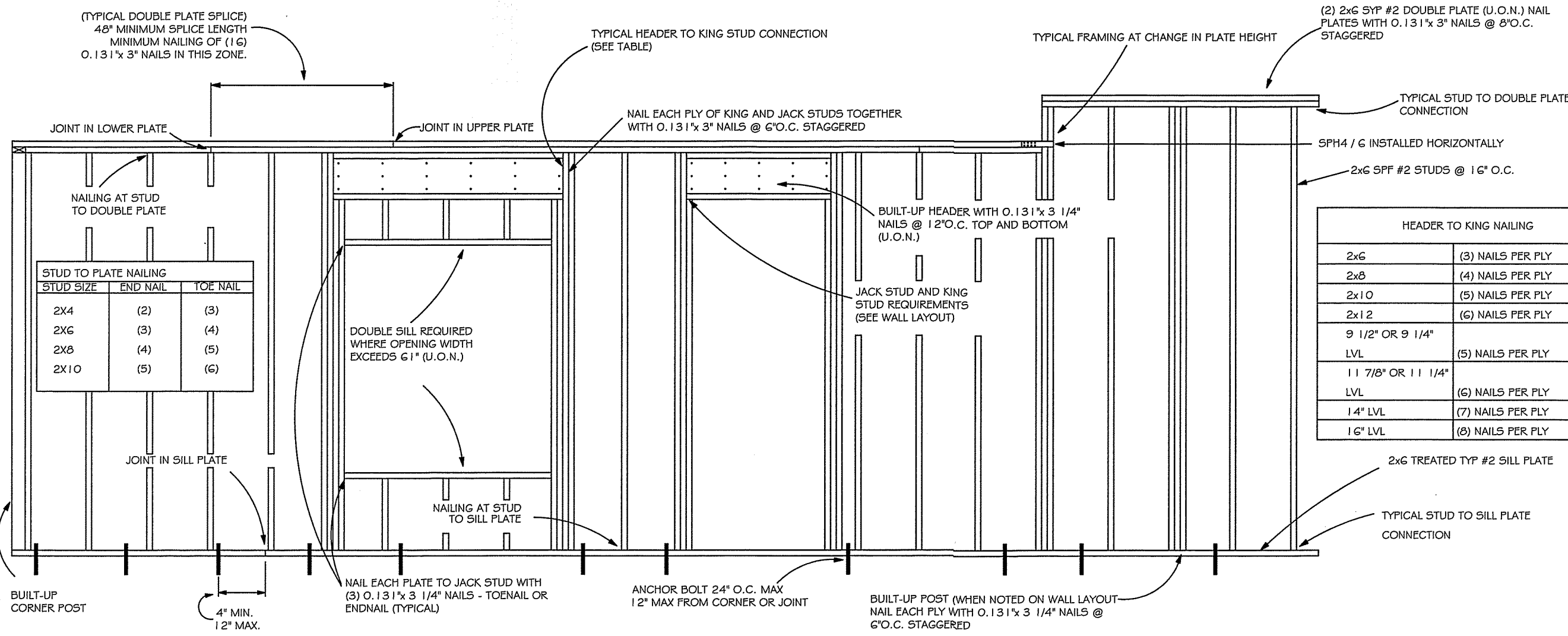
LVL CONNECTION DETAIL
 NOT TO SCALE



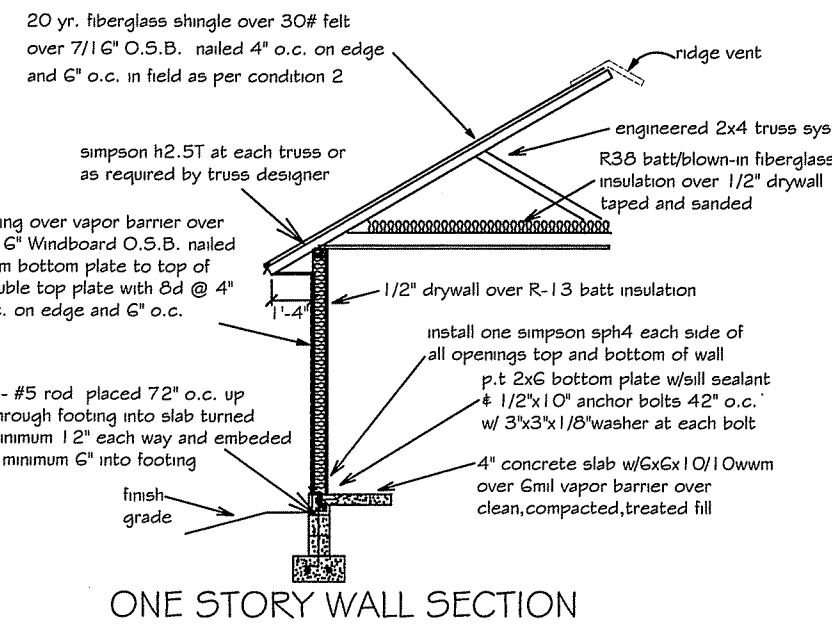
TYPICAL ALL THREAD DETAIL
 NOT TO SCALE



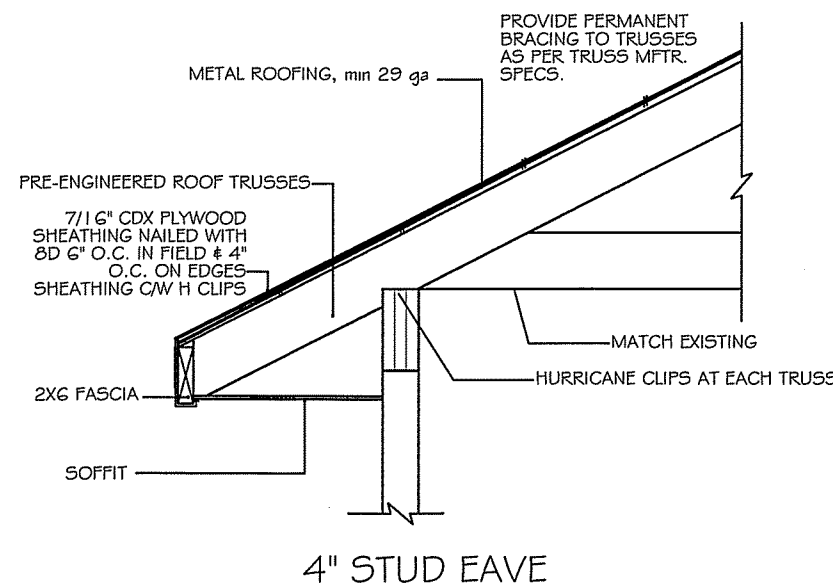
TYPICAL HEADER STRAPPING
 NOT TO SCALE



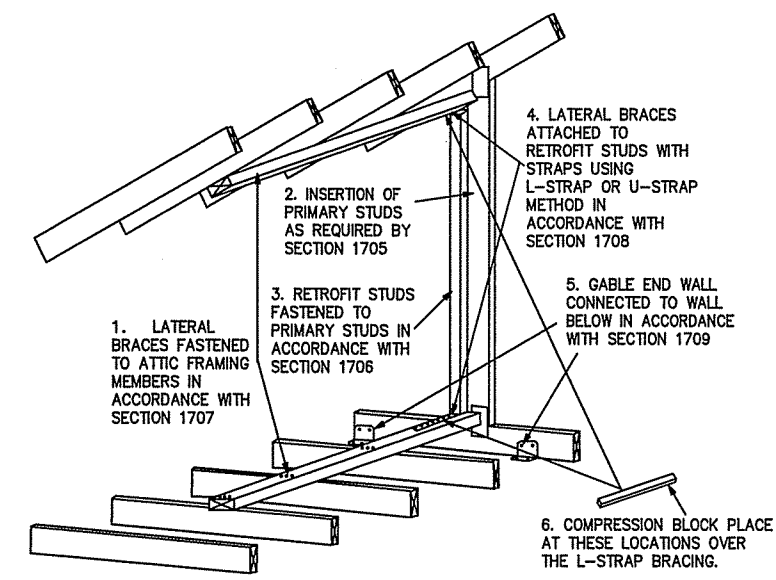
TYPICAL WALL FRAMING
 NOT TO SCALE



ONE STORY WALL SECTION

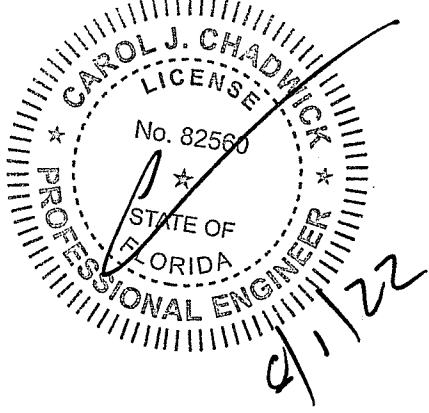


4" STUD EAVE



GABLE END BRACING
 NOT TO SCALE

HEADER SCHEDULE			NOTE:	
2x STUD CONTINUOUS TO TOP PLATE			UPlift CONNECTION IS REQUIRED AT EACH END OF HEADER AND AT BOTTOM OF HEADER STUDS IN ADDITION TO CONNECTORS AT WALL STUDS AND AT TOP AND BOTTOM OF CRIPPLES	
HEADER - CONTINUOUS			MAXIMUM HEADER SPAN	
			3' 6' 9' 12' 15' 18'	
			NUMBER OF HEADER STUDS (JACKS) SUPPORTING END OF HEADER	
			1 1 1 2 2 2 2	
			NUMBER OF FULL LENGTH STUDS (KINGS) AT END OF HEADER	
			2	
OPENING WIDTH	BEARING OR SHEAR WALL	NON-BEARING WALLS		
0'-0" TO 3'-0"	2 - 2 X 6's	2 - 2 X 4's		
3'-1" TO 5'-0"	2 - 2 X 10's	2 - 2 X 6's		
5'-1" TO 7'-0"	2 - 2 X 10's	2 - 2 X 8's		
7'-1" TO 10'-0"	2 - 2 X 10's	2 - 2 X 10's		



Digitally signed by
 Carol Chadwick
 DN: cn=US,
 o=Florida,
 email=carol@carolchadwick.com,
 cn=Carol Chadwick,
 Date: 2022.07.31
 13:55:33 -0400

Printed copies of this document are not considered
 signed and sealed and the signature must be verified
 on any electronic copies.

JOHNS RESIDENCE
 FRAMING DETAILS
 LAKE CITY, FL

DATE: 7/31/22

REVISIONS:

1. 7/31/22

2. 7/31/22

3. 7/31/22

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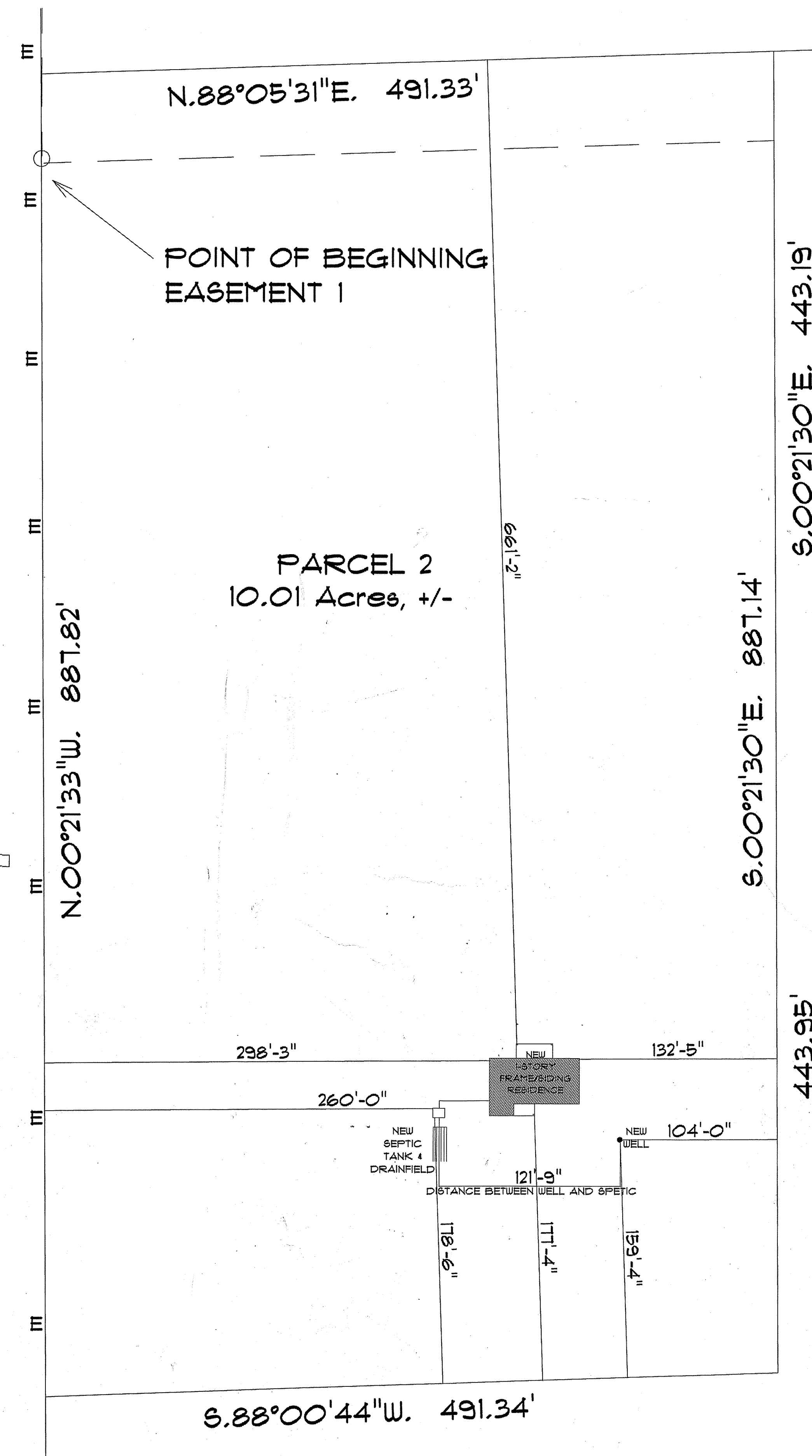
98. 7/31/22

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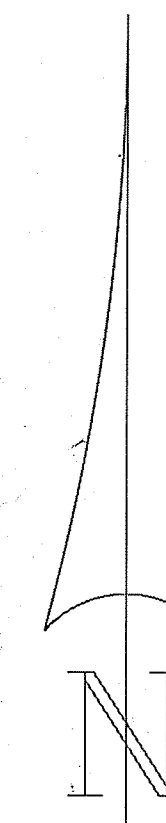
PRICE CREEK ROAD (PAVED/PUBLIC)
A.K.A. COUNTY ROAD #245

CULVERT



* PLUMBING /
FOUNDATION PLAN *

SCALE : 1" = 50'



RESIDENCE
for
TRE & MARIA
JOHNS

LAKE CITY, FLORIDA

Teena M. Ruffo
2325 SW 5th St
Lake City, Florida, 32025
Cell: (386) 867-1191
Email: teenaruffo@gmail.com

PRINTED DATE:
Wednesday, October 20, 2021

DRAWN BY: Teena M. Ruffo
CHECKED BY:

BUILDING CONTRACTOR

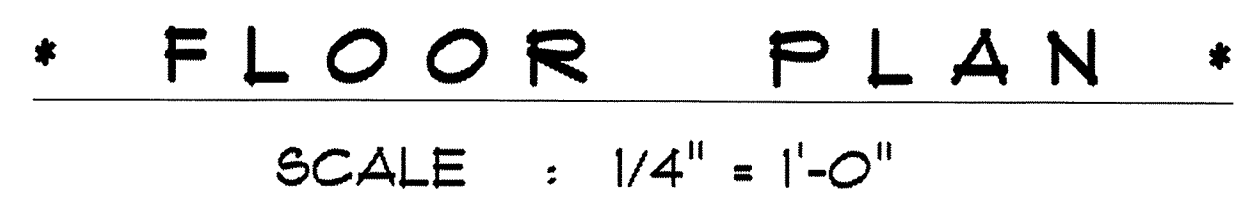
FINALS DATE:

JOB NUMBER:

DRAWING NUMBER

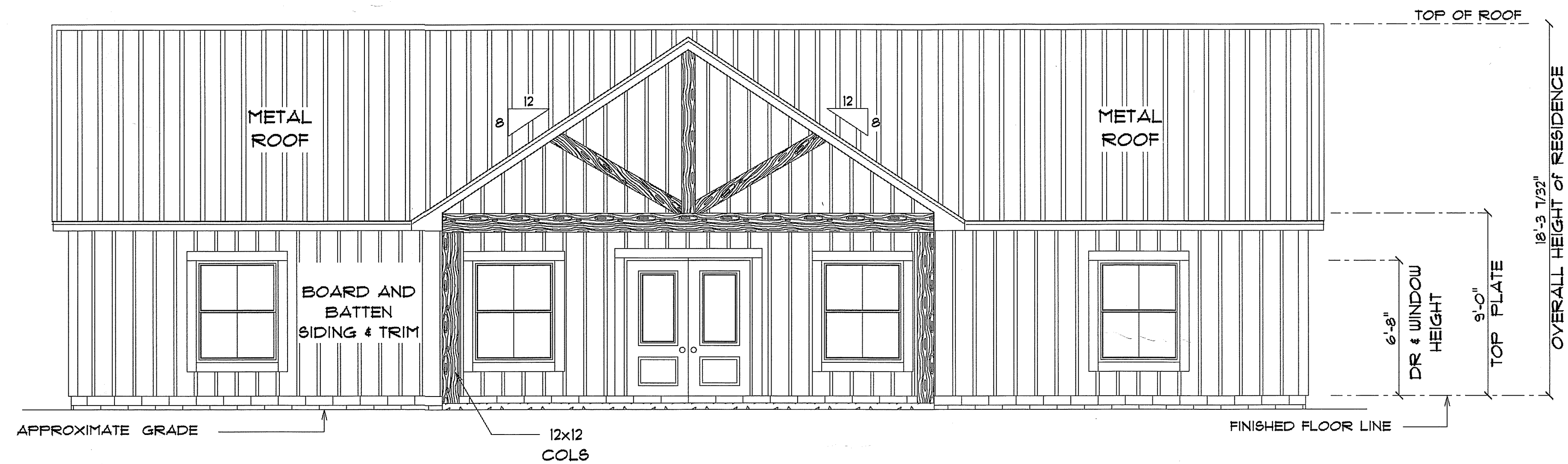
A1

OF 6 SHEETS



A/C LIVING AREA	= 1,328 S.F.
COVERED FRONT PORCH	= 250 S.F.
COVERED BACK PORCH	= 109 S.F.
TOTAL AREA UNDER ROOF	= 2,287 S.F.

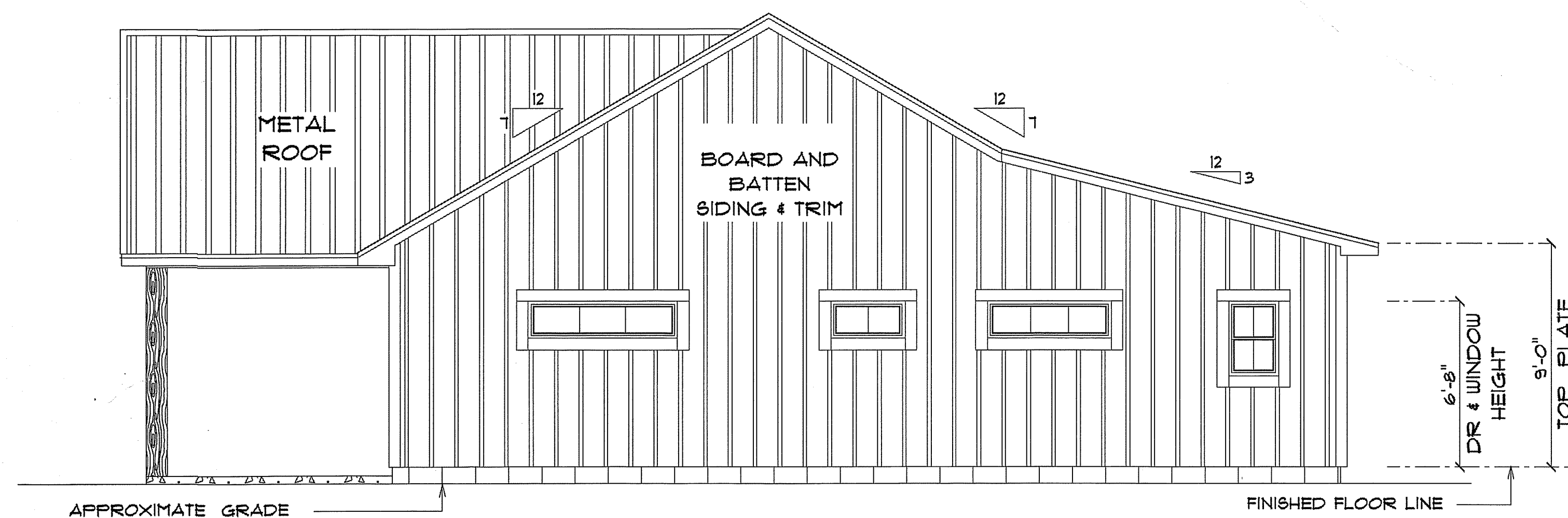
OF 6 SHEETS



* FRONT ELEVATION *

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

12" OVERHANG ON GABLE ENDS.
ALL OTHER EAVES 18"



* RIGHT ELEVATION *

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

RESIDENCE
for
TRE & MARIA
JOHNS

LAKE CITY, FLORIDA

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PRINTED DATE:
Wednesday, October 20, 2021

DRAWN BY: CHECKED BY:
Teresa M. Ruffo

BUILDING CONTRACTOR

FINALS DATE:

JOB NUMBER:

DRAWING NUMBER

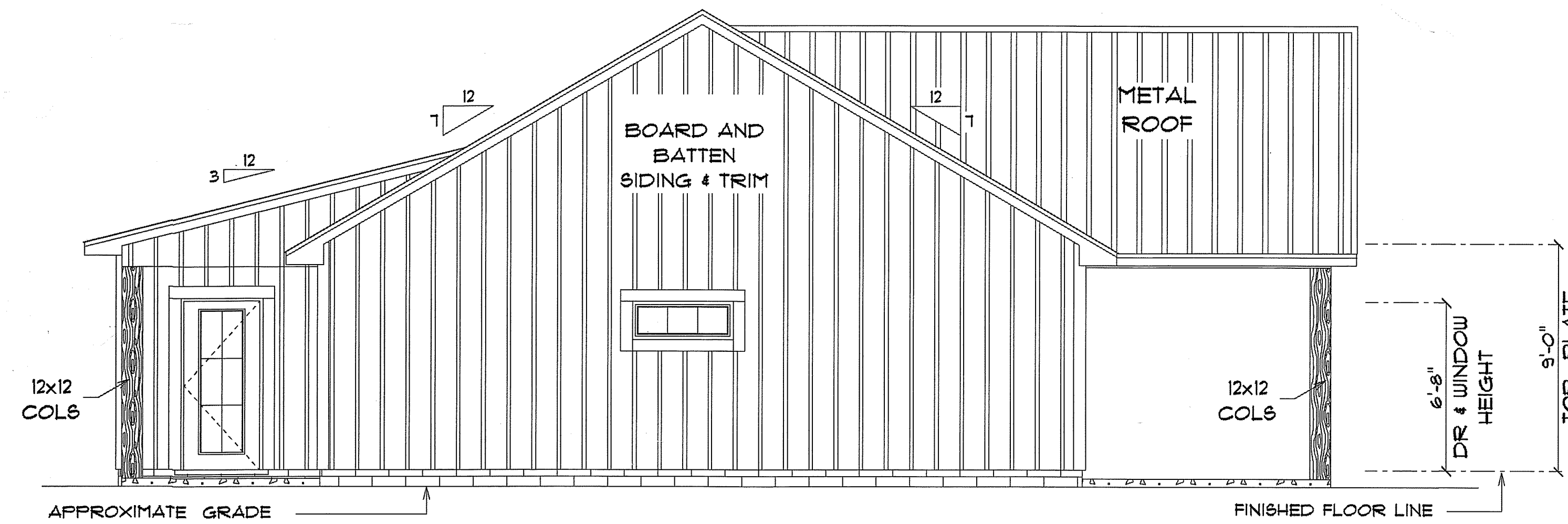
A-4

OF 6 SHEETS



*** REAR ELEVATION ***

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



*** LEFT ELEVATION ***

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

RESIDENCE
for
**TRE & MARIA
JOHNS**

LAKE CITY, FLORIDA

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Lake City, Florida, 32025
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PRINTED DATE:
Wednesday, October 20, 202

DRAWN BY: Teena M. Ruffo
CHECKED BY:
BUILDING CONTRACTOR

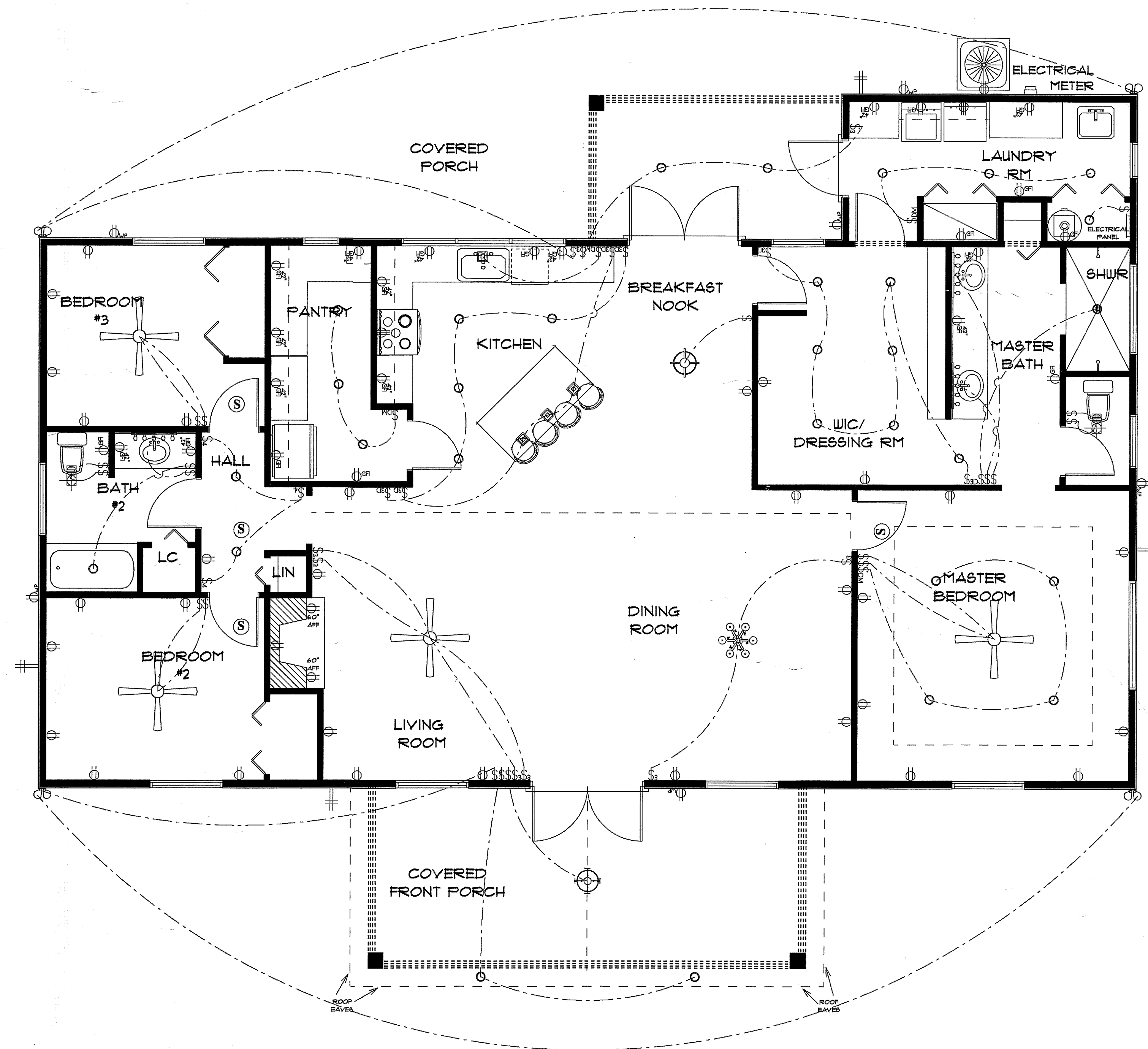
FINALS DATE:

JOB NUMBER:

DRAWING NUMBER

A-5

OF 6 SHEETS



ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan globe 01	4	
traditional 08	1	
ceiling light 05	1	
ceiling siena	1	
pendant large	4	
pot light	30	
spotlight double	4	
Smoke Detector	4	
electrical panel	1	
dimmer switch	4	
dimmer switch 3-way	6	
outlet	34	
outlet 220v	3	
outlet gfi	23	
outlet wp	6	
switch	21	
switch 3 way	8	
switch 4 way	3	
vent light combo	2	
vanity bar light 01	3	

ELECTRICAL PLAN NOTES

- E-1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS.
- E-2 ALL INSTALLATIONS SHALL BE PER NATIONAL ELECTRIC CODE.
- E-3 ALL SMOKE /CARBON MONOXIDE DETECTORS SHALL BE 120V W/BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS AS PER CODE.
- E-4 TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTION AND IN ACCORDANCE WITH APPLICABLE SECTIONS OF NATIONAL ELCT. CODE LATEST EDITION.
- E-5 ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- E-6 ENTRY OF SERVICE UNDERGROUND OR OVERHEAD) IS TO BE DETERMINED BY THE POWER COMPANY.
- ALL BEDROOM RECEPTALS ARE TO BE AFCI (ARC FAULT CIRCUIT INTERRUPT).
- 75% OF ALL PERMANENT LIGHTS TO BE ENERGY EFFICIENT.

* ELECTRICAL PLAN *

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

RESIDENCE
for
TRE & MARIA
JOHNS

LAKE CITY, FLORIDA

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Lake City Florida, 32025
Cell: (386) 861-1191
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PRINTED DATE:
Wednesday, October 20, 202

DRAWN BY: Teena M. Ruffo
CHECKED BY:

BUILDING CONTRACTOR

FINALS DATE:

JOB NUMBER:

DRAWING NUMBER

A-6

OF 6 SHEETS