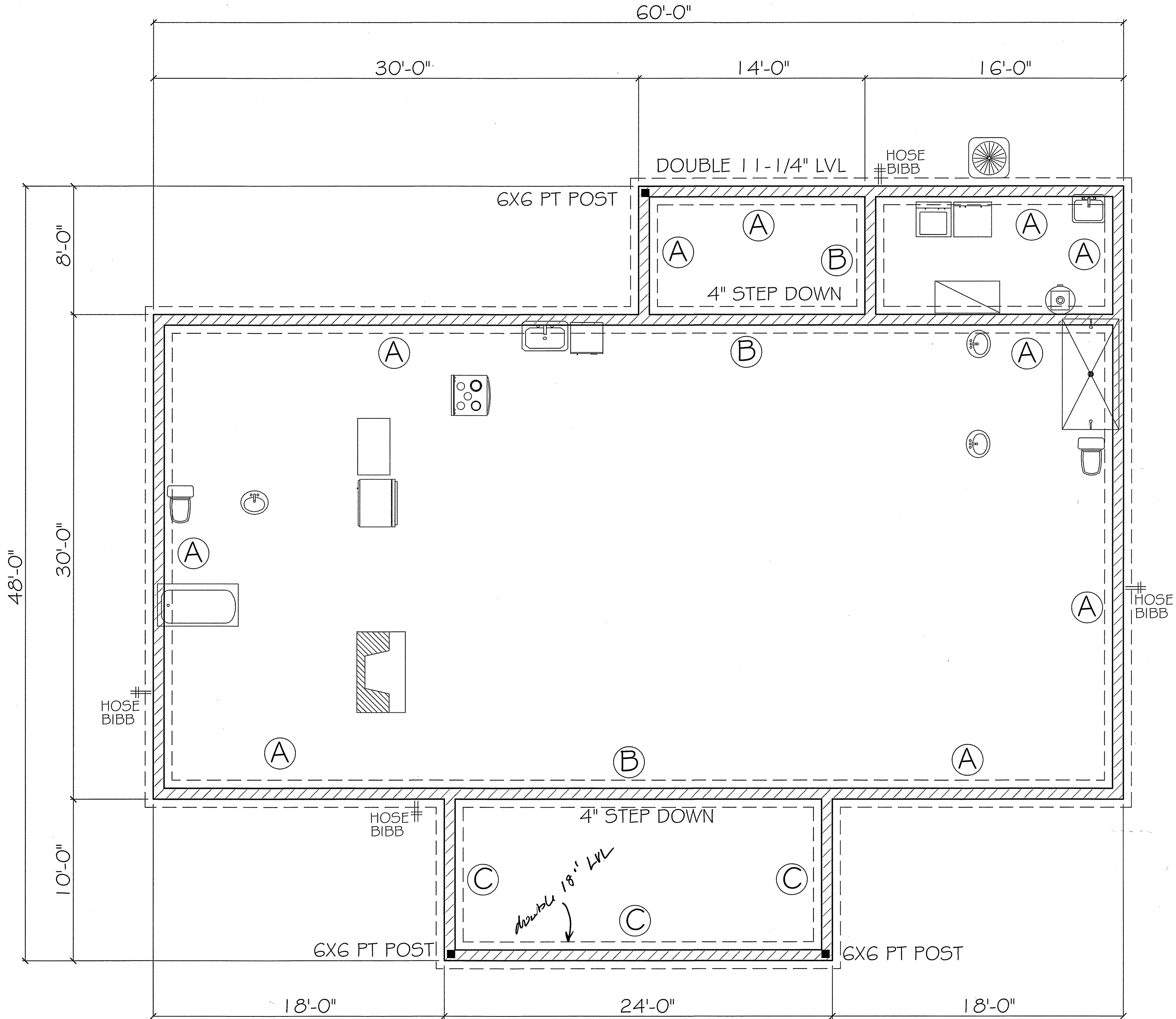
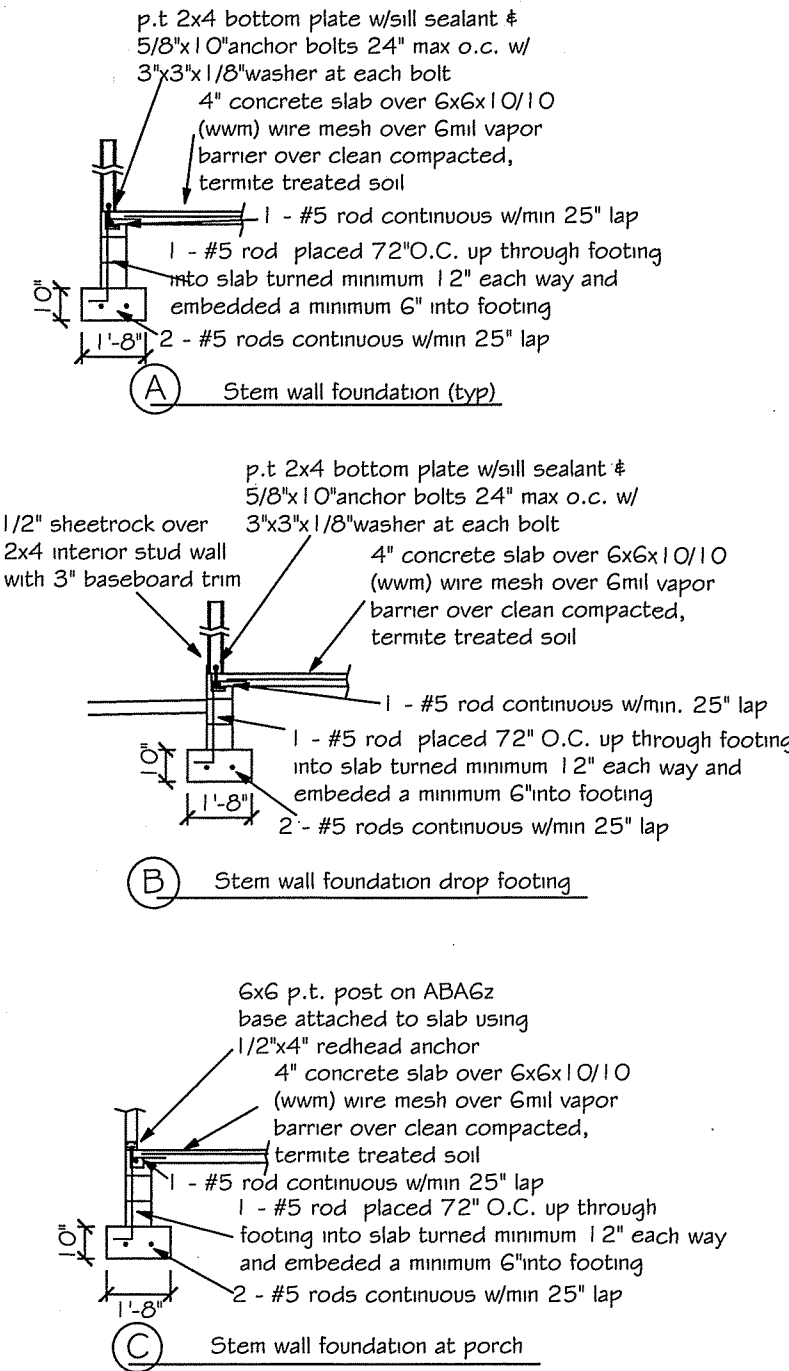


DESIGN SPECIFICATIONS

- 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 1/2" 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, o=Florida, dnQualifier=A014, 1000000017E86D, 924CE000994C, c=Carol Chadwick
Date: 2022.07.31 13:55:13 -0400

JOHNS RESIDENCE
FOUNDATION PLAN
LAKE CITY, FL

PREPARED FOR
TREV & MARIA JOHNS

DATE
JULY 31, 2022

REVISION
S-1

FORMUL

1 SQUARE INCH FOR EVERY 300 SQUARE INCHES OF CEILING
144 SQUARE INCHES = 1 SQUARE FOOT
BUILDING CEILING (SQ FT) X 144 = BUILDING (SQ IN)
BUILDING (SQ IN) /300 = SQ IN OF VENT REQUIRED
SQ IN OF VENT REQUIRED /2 = 50% AT HIGH AND 50% AT LOW

PER FBC SECTION 806.2: 40% MIN, BUT NOT MORE THAN 50%
VENTILATION MUST BE PROVIDED BY VENTILATORS LOCATED A
MIN 3'-0" ABOVE EAVE

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.

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)

ROOF NOTES

OVERLAP ROOFING UNDERLAYMENT 4"(MIN) OVER HIPS AND RIDGES

BUTTON 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

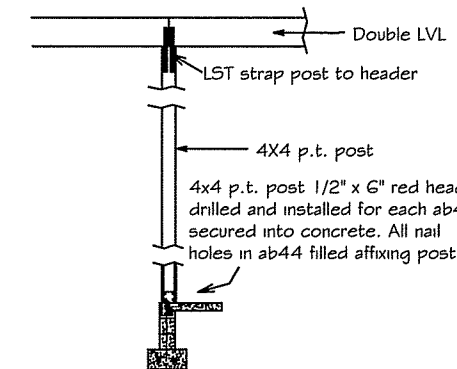
ALL ROOF PENETRATIONS ARE PROPERLY FLASHED W/ FLASHING OF THE
CORRECT SIZE FOR THE PENETRATION

METAL ROOFING ATTACHED W/ CORRECT FASTENERS PER CODE AND
MANUFACTURERS SPECS

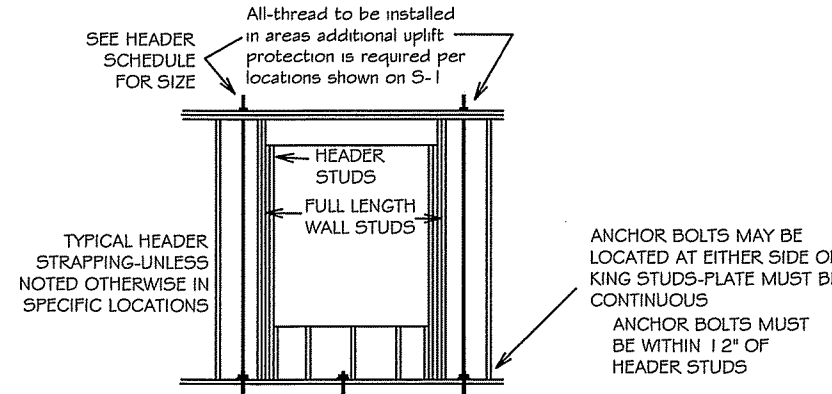
1" SPACE IS MAINTAINED BETWEEN THE END OF THE GUTTER AND THE WALL CLADDING

NOTF

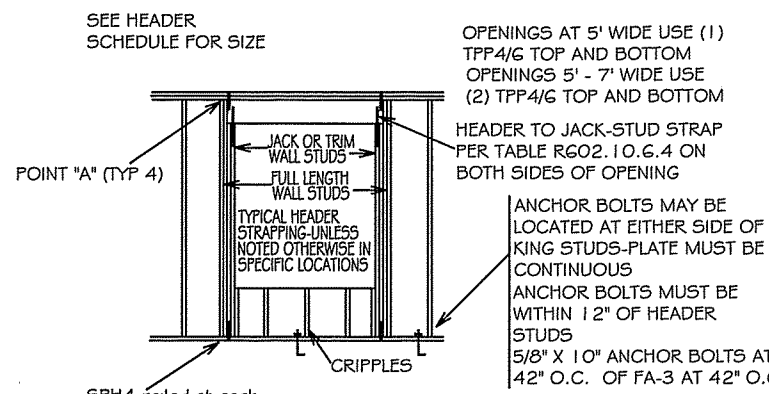
7/16" O.S.B. NAILED WITH 8D 6
O.C. IN FIELD & 4" O.C. ON EDGES



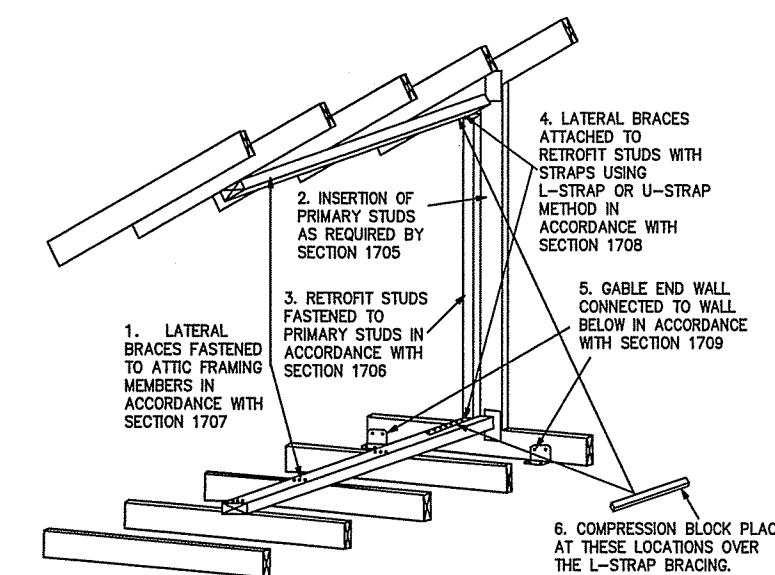
LVL CONNECTION DETAIL
NOT TO SCALE



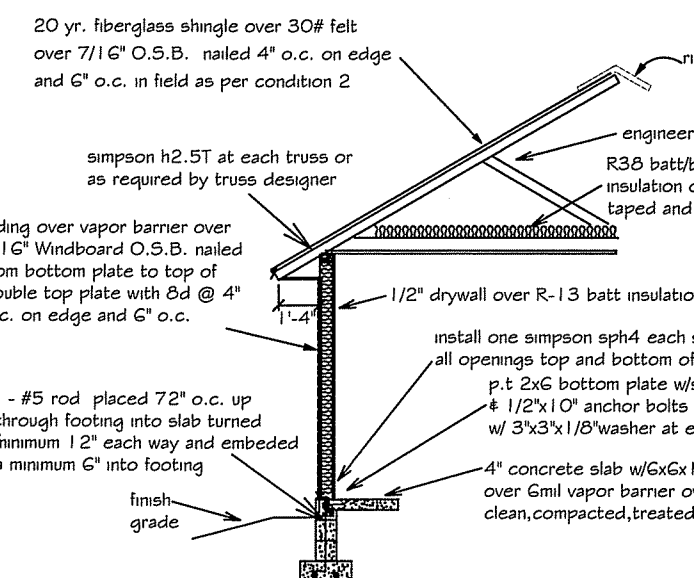
TYPICAL ALL THREAD DETAIL
NOT TO SCALE



TYPICAL HEADER STRAPPING
NOT TO SCALE

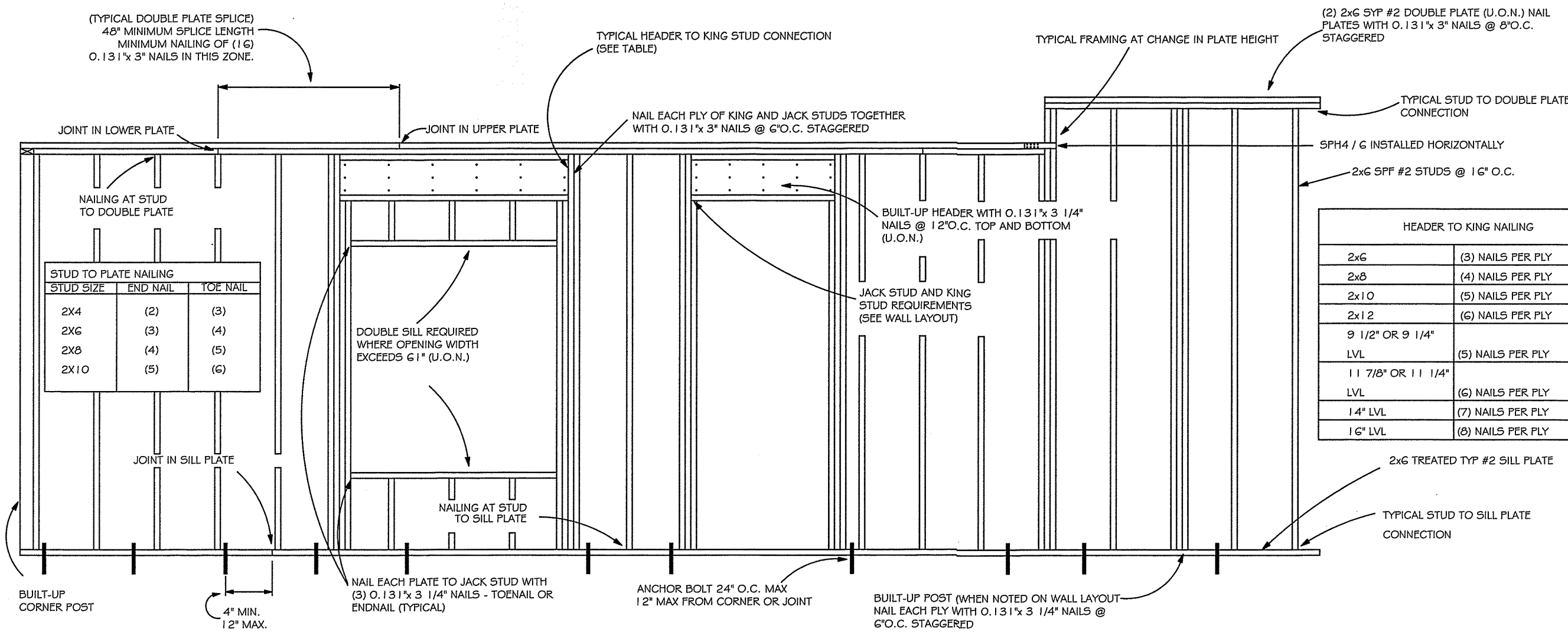


THIS FIGURE SHOWS A TRUSS GABLE END USING THE L-BENT STRAP METHOD IN ORDER TO SHOW STRAPS, COMPRESSION BLOCKS ARE NOT SHOWN. THE METHODOLOGY FOR A CONVENTIONALLY FRAMED GABLE END IS SIMILAR. NOT ALL DETAILS ARE SHOWN.

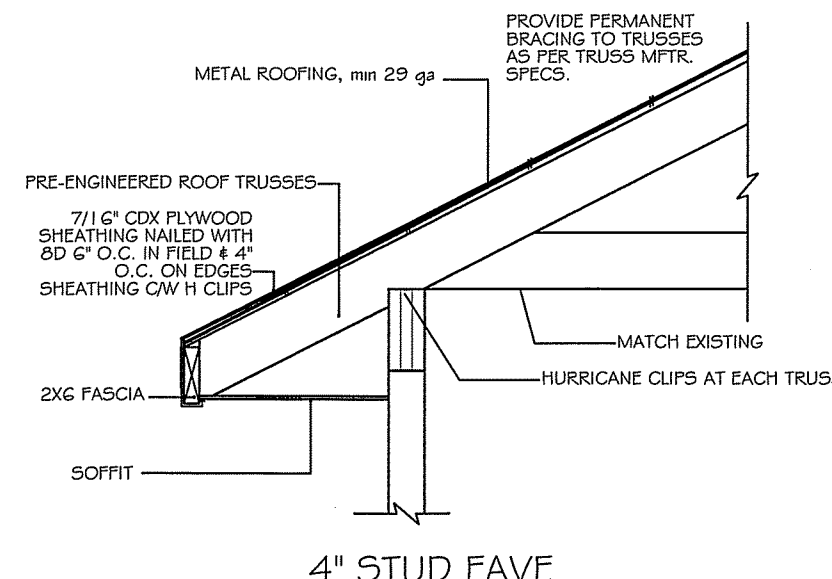


ONE STORY WALL SECTION

HEADER TO KING NAILING	
2x6	(3) NAILS PER PLY
2x6	(4) NAILS PER PLY
2x10	(5) NAILS PER PLY
2x12	(6) NAILS PER PLY
9 1/2" OR 9 1/4"	
LVL	(5) NAILS PER PLY
11 7/8" OR 11 1/4"	
LVL	(6) NAILS PER PLY
14" LVL	(7) NAILS PER PLY
16" LVL	(8) NAILS PER PLY



TYPICAL WALL FRAMING
NOT TO SCALE



The diagram shows a cross-section of a wall assembly. A horizontal header is labeled "HEADER - CONTINUOUS". Two vertical studs are shown, labeled "2 - 2X STUDS UNDER LATHES WITH OPENINGS LARGER THEN 5'-0\"". A horizontal line above the header is labeled "2X STUD CONTINUOUS TO TOP FLATE".



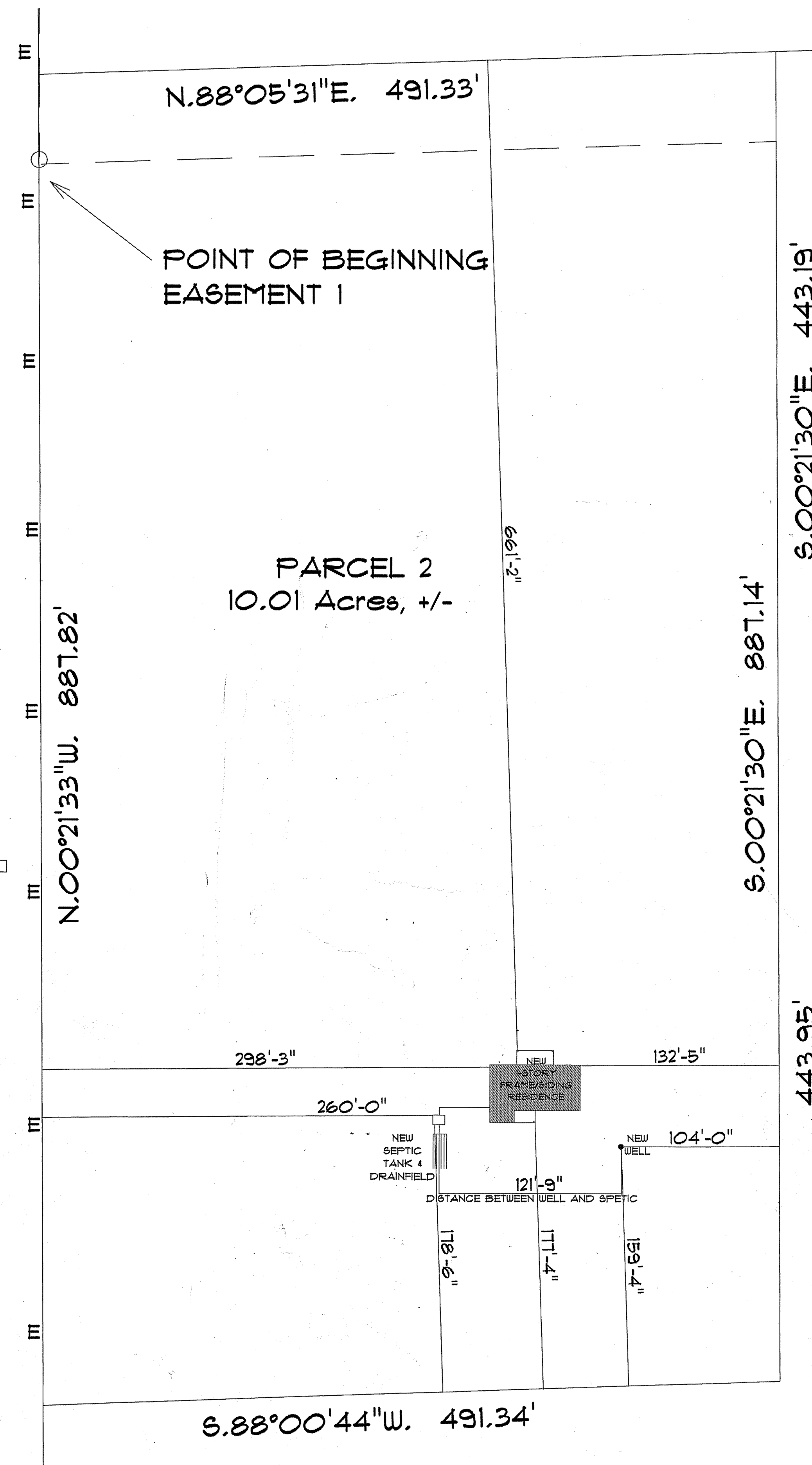
Digitally signed by Carol Chadwick
DN: c=US,
o=Florida,
dnQualifier=A01-
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924CE0005954C,
cn=Carol
Chadwick
Date: 2022.07.31
09:59:39 -0400

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

PARTIALS		JOHN'S RESIDENCE FRAMING DETAILS LAKE CITY, FL	DRAWN BY: TREV & MARIA JOHNS		
DATE: FRI 21 13	CITY: JULY 31, 2022				
PROJECT NAME:	REVISION DATE:				
SHEET NO.:	TOTAL SHEETS:				
	5/2				

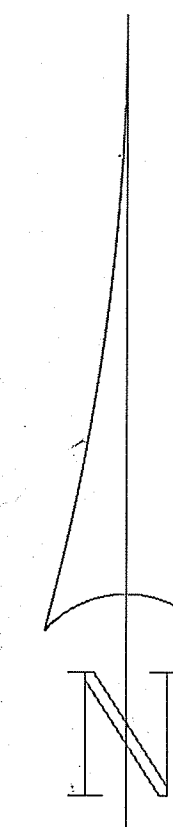
PRICE CREEK ROAD (PAVED/PUBLIC)
A.K.A. COUNTY ROAD #245

CULVERT



* PLUMBING/
FOUNDATION PLAN *

SCALE : 1" = 50'



RESIDENCE
for
TRE & MARIA
JOHNS

LAKE CITY, FLORIDA

Teena M. Ruffo
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Lake City, Florida, 32025
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Email: teenaruffo@gmail.com

PRINTED DATE:
Wednesday, October 20, 2021

DRAWN BY: Teena M. Ruffo
CHECKED BY:

BUILDING CONTRACTOR

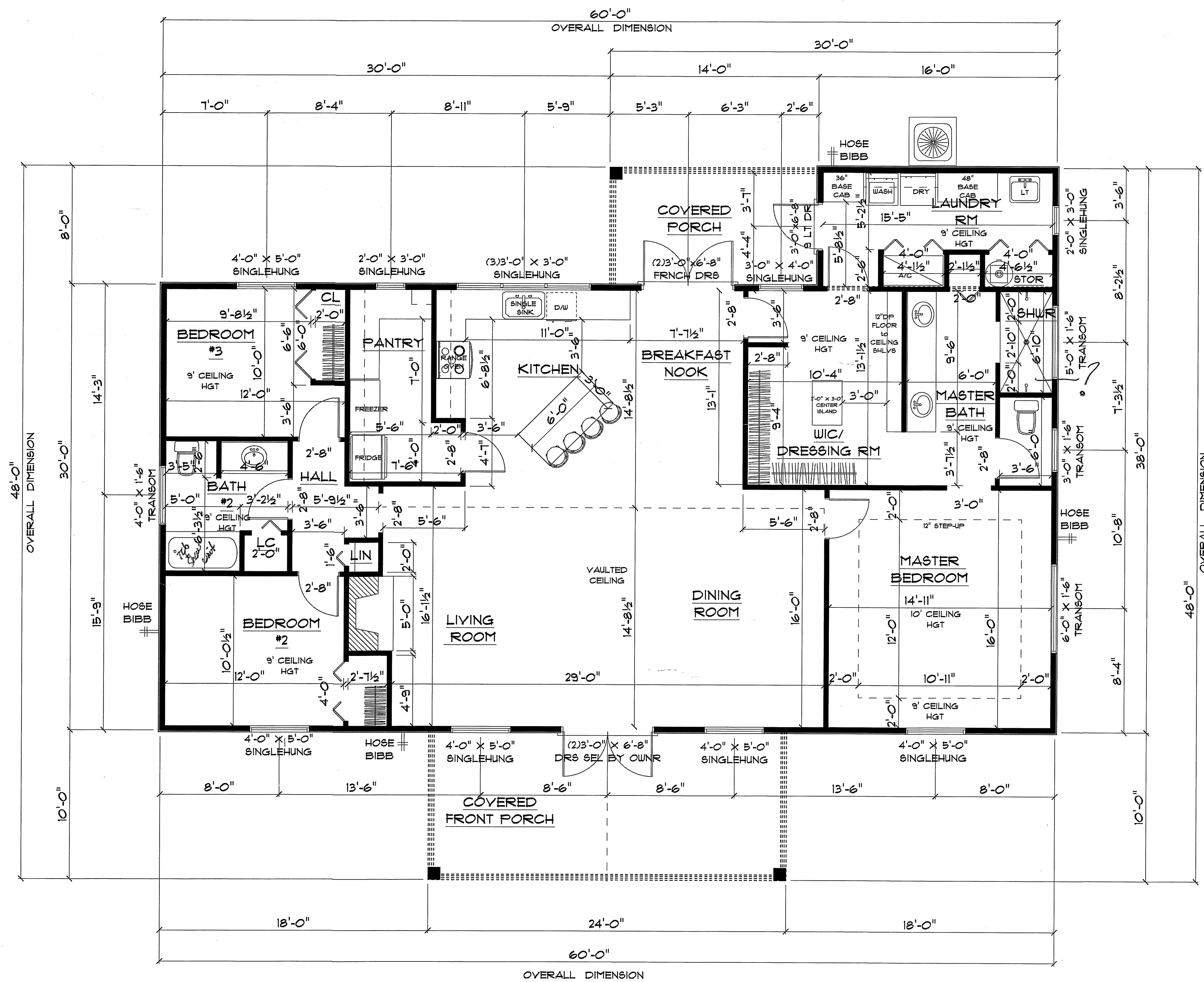
FINALS DATE:

JOB NUMBER:

DRAWING NUMBER

A1

OF 6 SHEETS



* FLOOR PLAN *

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

IMPORTANT NOTES:

1. IT IS THE BUILDER'S RESPONSIBILITY TO VERIFY ALL GEOMETRY AND DIMENSIONS BEFORE ORDERING ANY MATERIALS OR BEGINNING CONSTRUCTION.
2. THESE PLANS ARE FOR LAYOUT AND DESIGN PURPOSES ONLY ALL STRUCTURAL NOTES AND DETAILS TO BE PROVIDED BY AN ENGINEER.

A/C LIVING AREA	= 1,928 S.F.
COVERED FRONT PORCH	= 250 S.F.
COVERED BACK PORCH	= 109 S.F.
TOTAL AREA UNDER ROOF	= 2,287 S.F.

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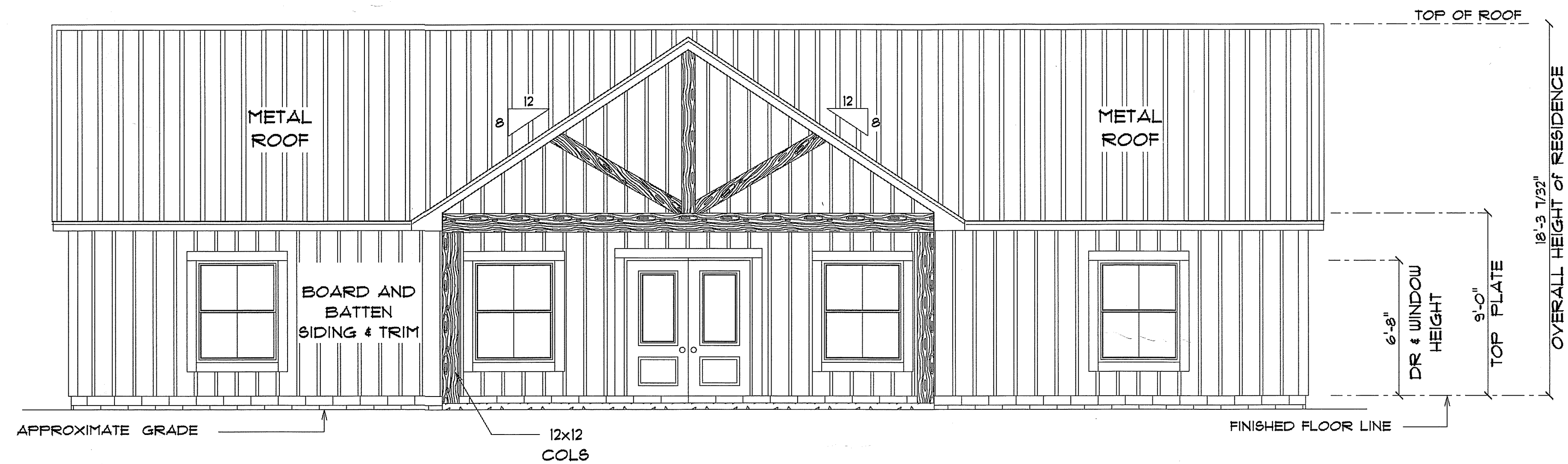
BUILDING CONTRACTOR

FINALS DATE:

JOB NUMBER:

DRAWING NUMBER
A-3

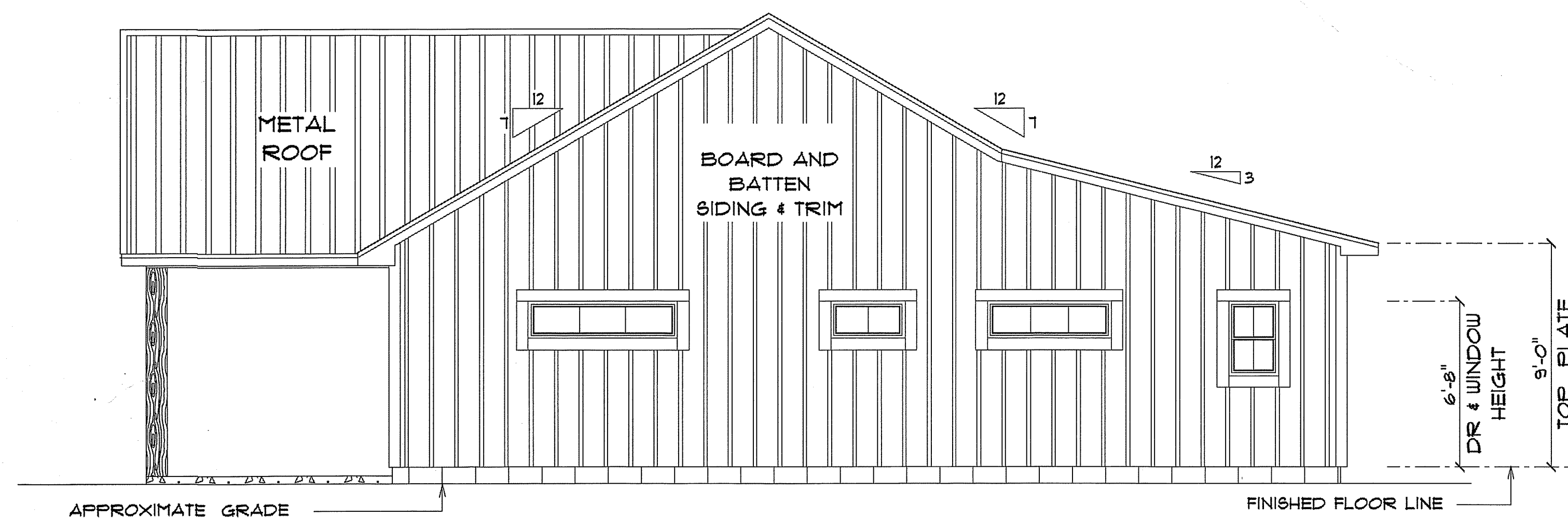
OF 6 SHEETS



* FRONT ELEVATION *

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

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



* RIGHT ELEVATION *

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

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BUILDING CONTRACTOR

FINALS DATE:

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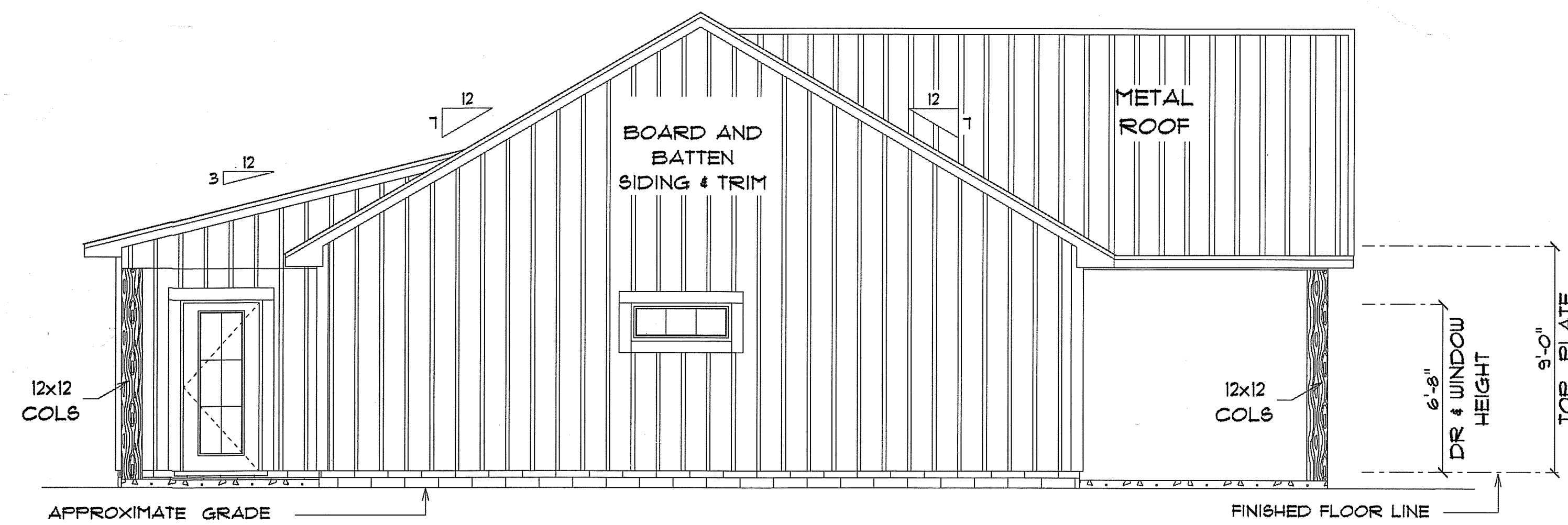
A-4

OF 6 SHEETS



*** REAR ELEVATION ***

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



*** LEFT ELEVATION ***

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

RESIDENCE
for
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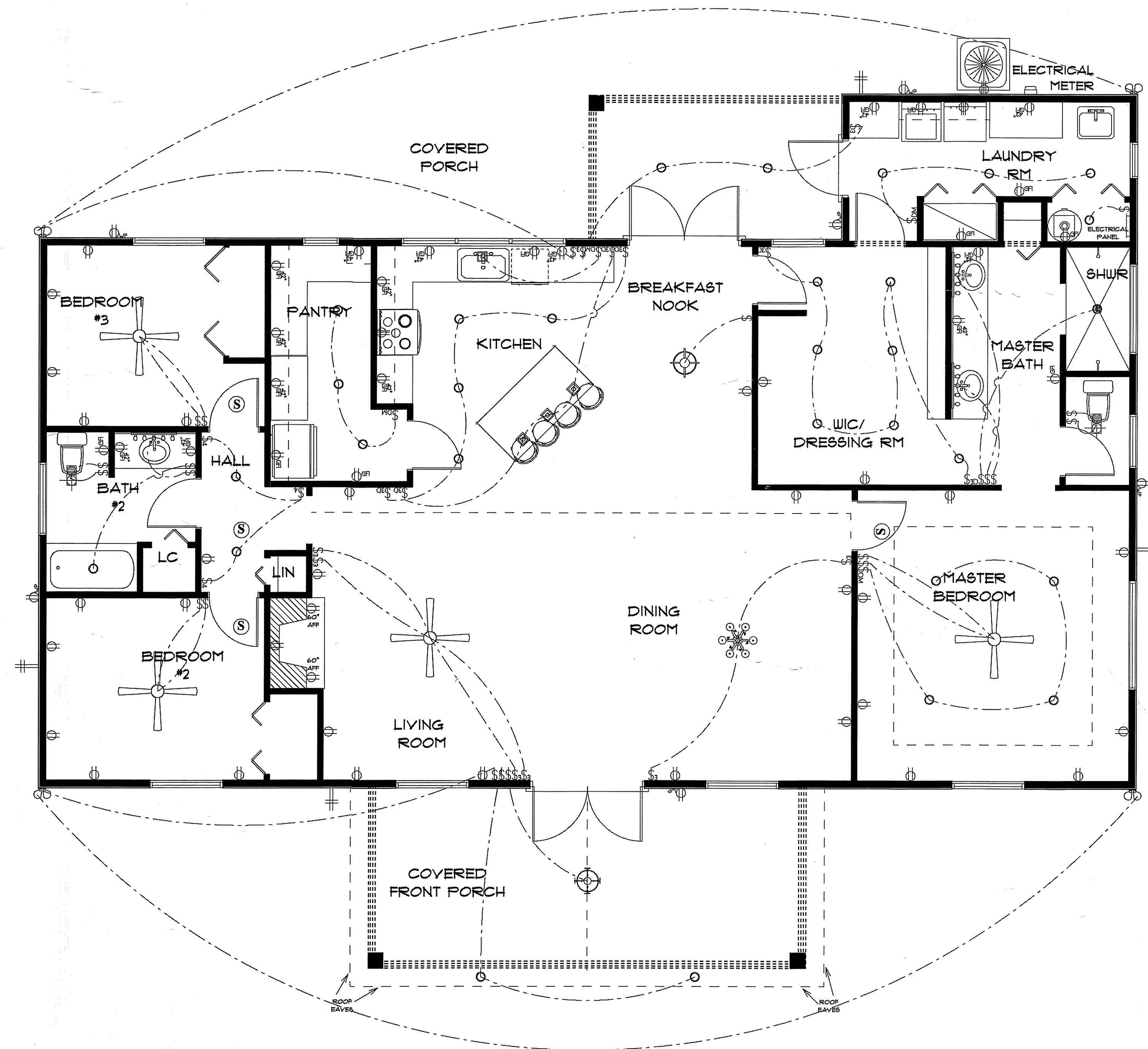
FINALS DATE:

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
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Wednesday, October 20, 202

DRAWN BY: Teena M. Ruffo
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BUILDING CONTRACTOR

FINALS DATE:

JOB NUMBER:

DRAWING NUMBER

A-6

OF 6 SHEETS