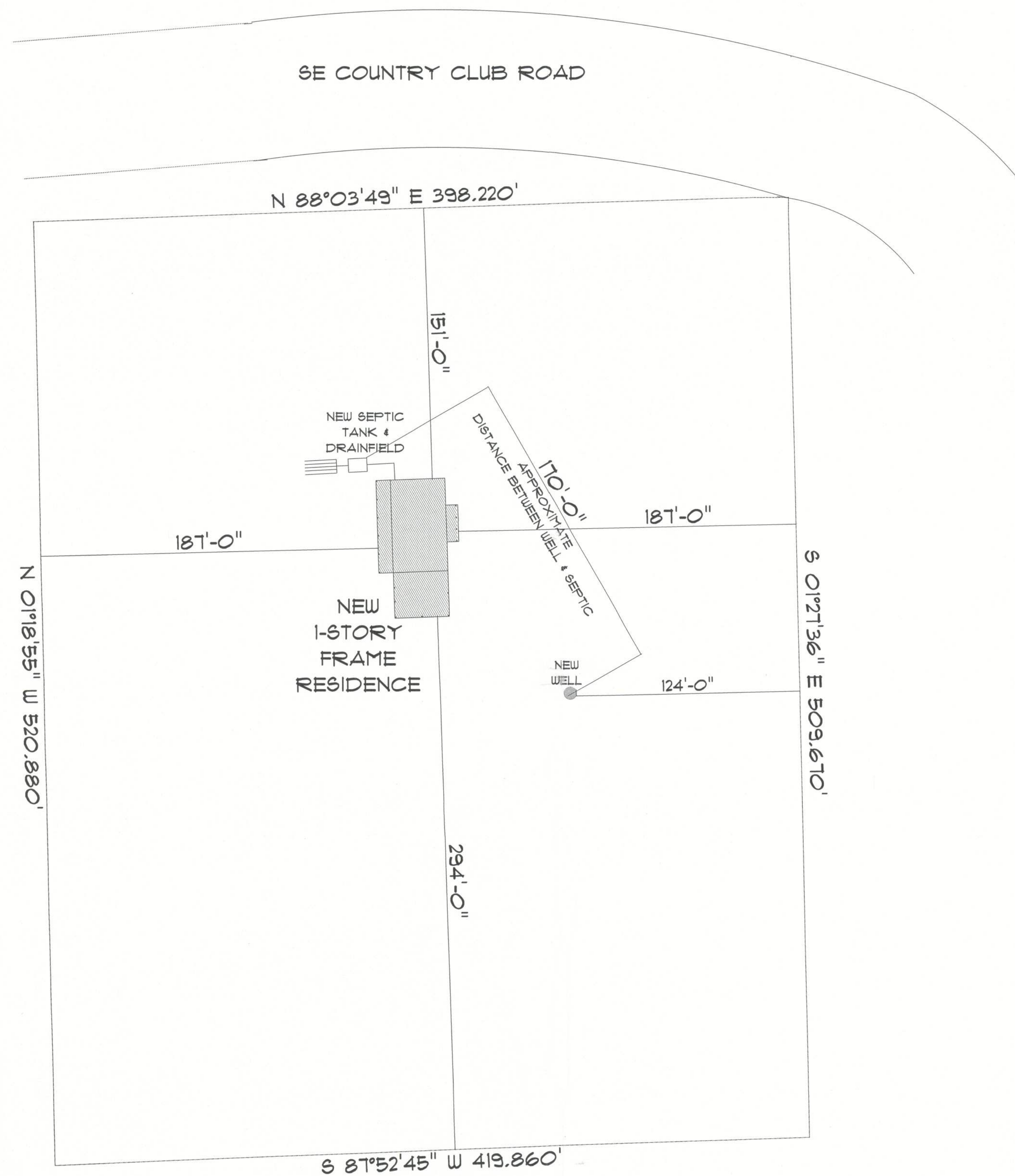




* SITE PLAN *

SCALE : 1" = 40'-0"

RESIDENCE
for
AMBER WILLIS

LAKE CITY, FLORIDA

Teena M. Ruffo
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PRINTED DATE:
Friday, December 6, 2024

DRAWN BY: Teena & Kara CHECKED BY:

BUILDING CONTRACTOR

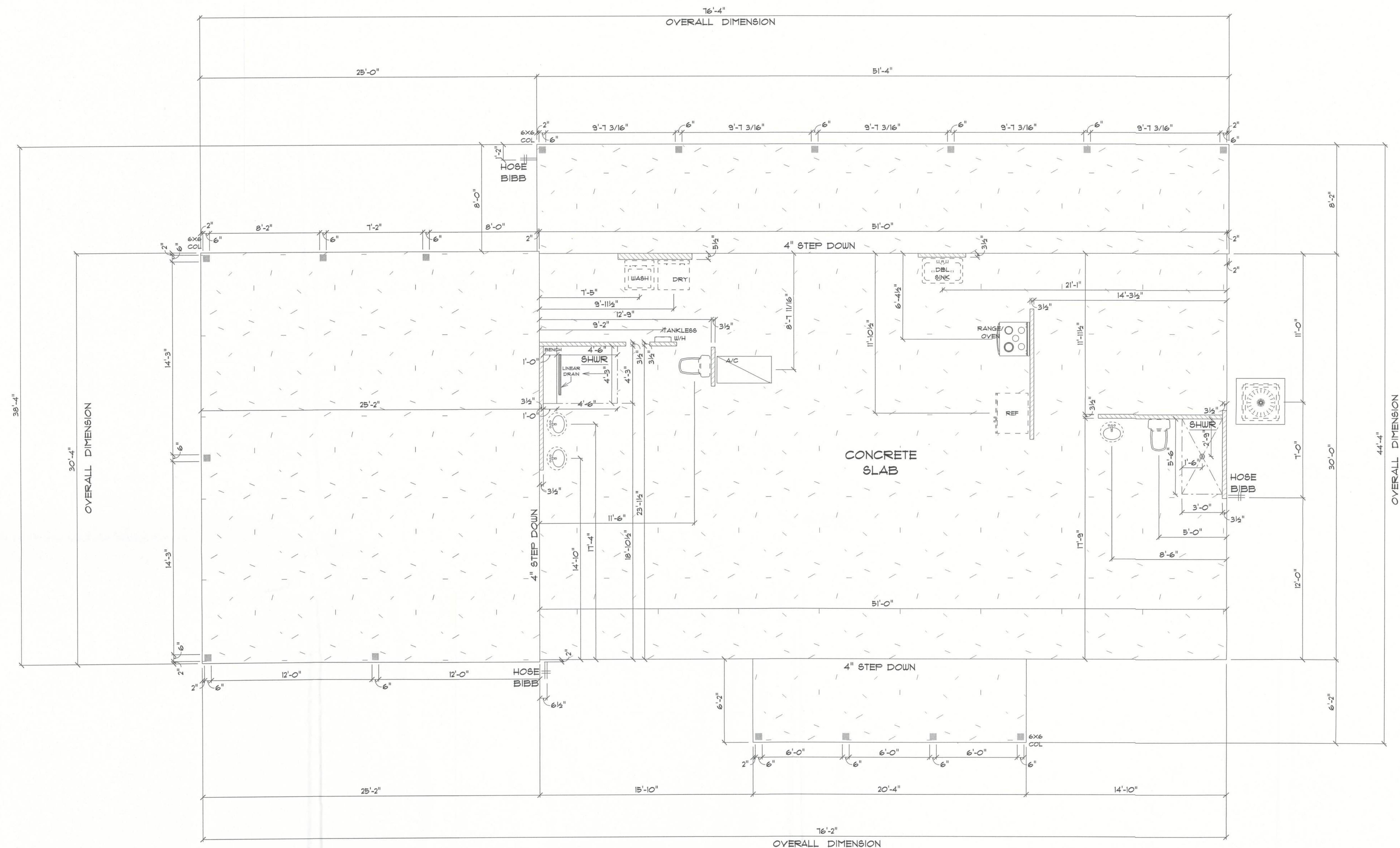
FINALS DATE:

JOB NUMBER:

DRAWING NUMBER
A-1

OF 6 SHEETS

526086



* PLUMBING & *

* CONCRETE PLAN *

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

IMPORTANT NOTE:

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.

RESIDENCE
for
AMBER WILLIS

LAKE CITY, FLORIDA

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Friday, December 6, 2024

DRAWN BY: Teena & Kara

CHECKED BY:

BUILDING CONTRACTOR

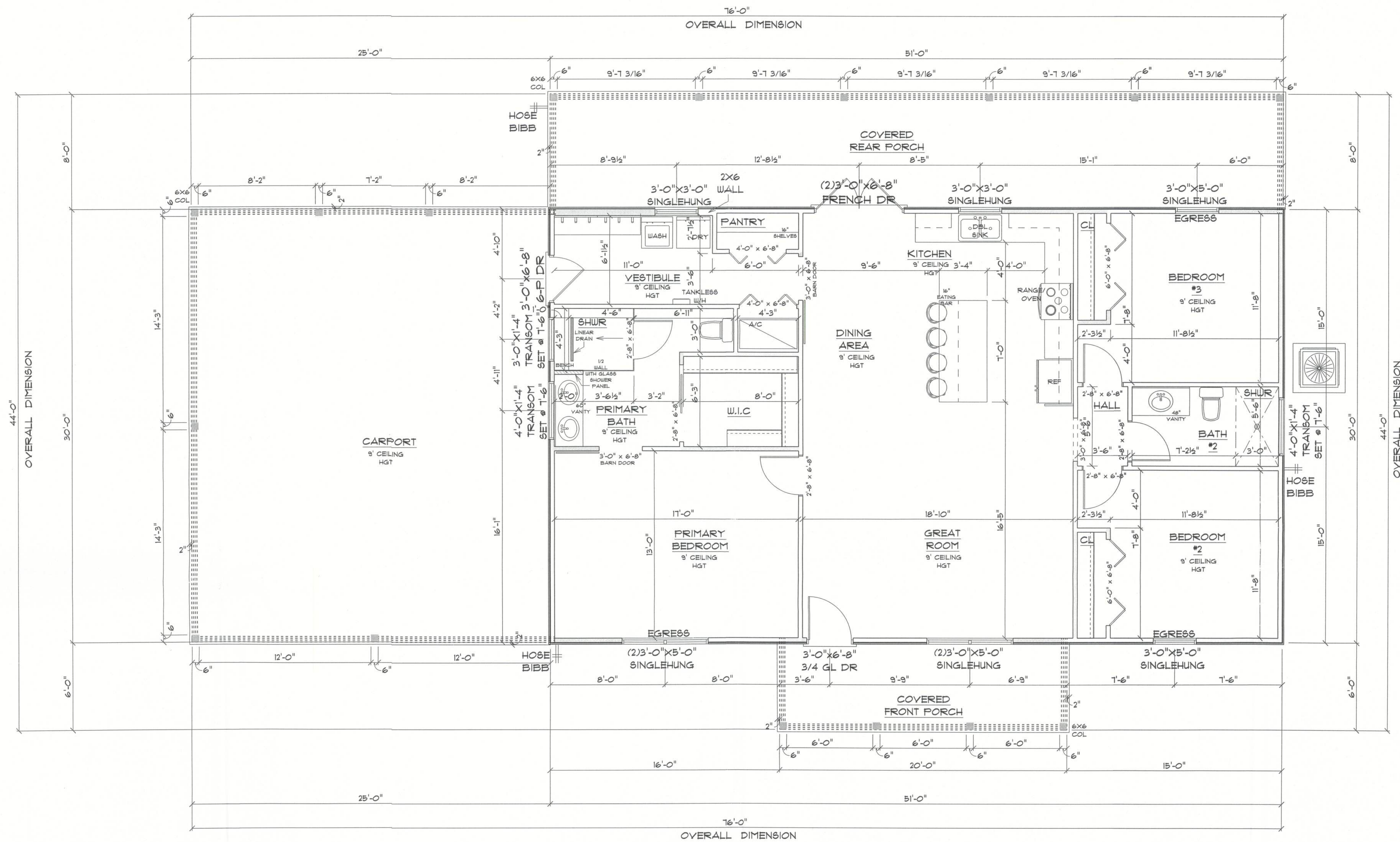
FINALS DATE:

JOB NUMBER:

DRAWING NUMBER

A-2

OF 6 SHEETS



* FLOOR PLAN *

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

MAIN A/C LIVING AREA	=	1,530 S.F.
COVERED FRONT PORCH	=	120 S.F.
COVERED REAR PORCH	=	408 S.F.
CARPORT	=	150 S.F.
TOTAL AREA UNDER ROOF	=	2,808 S.F.

IMPORTANT NOTE:

1. IT IS THE BUILDERS 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.
3. 2X4 EXTERIOR STUD WALLS 2X4 INTERIOR WALLS UNLESS NOTED ON FLOOR PLAN.

RESIDENCE for AMBER WILLIS

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Friday, December 6, 2024

DRAWN BY: Teena & Kara CHECKED BY:

BUILDING CONTRACTOR

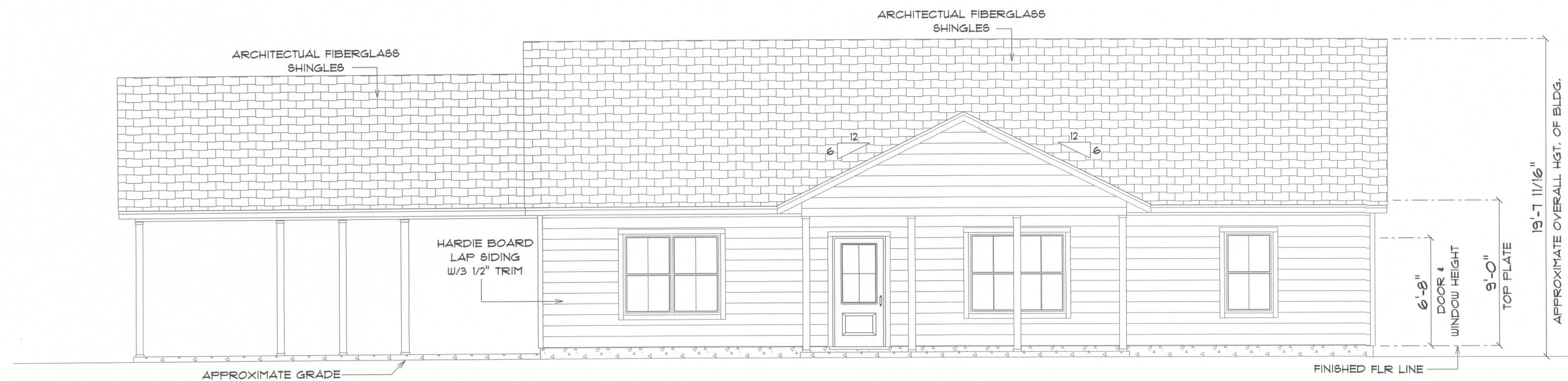
FINAL DATE:

JOB NUMBER:

DRAWING NUMBER

A-3

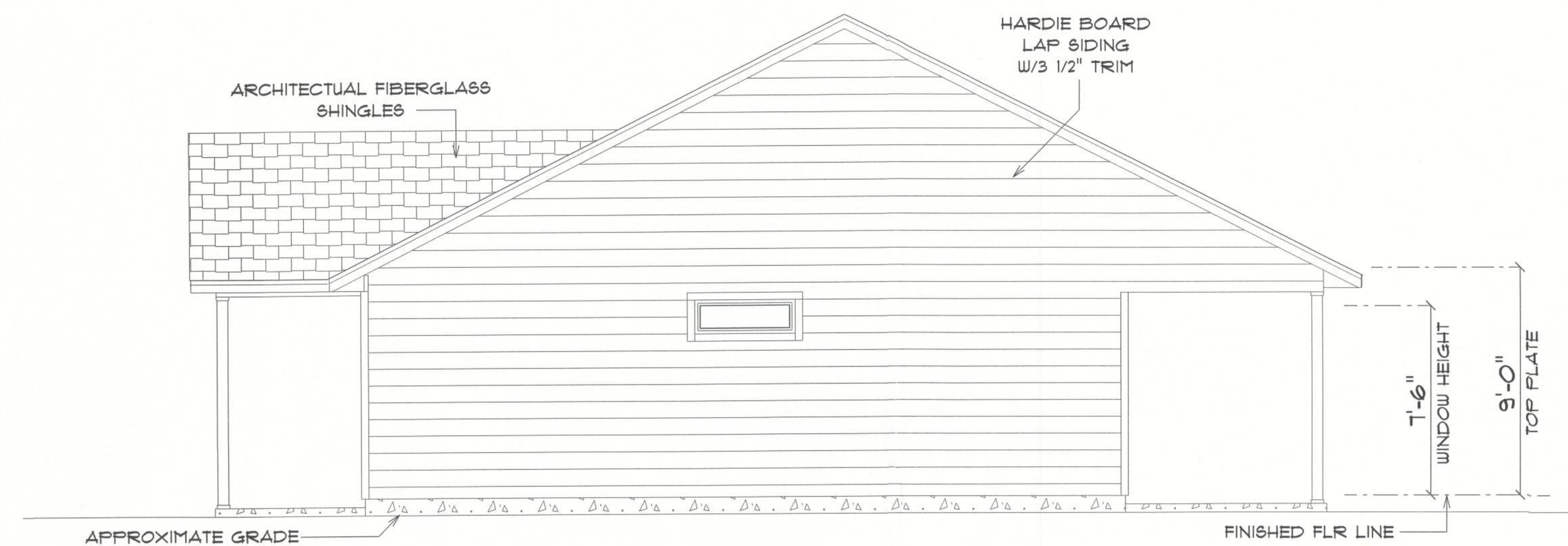
OF 6 SHEETS



* FRONT ELEVATION *

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

NOTE: 12" OVERHANG ON GABLE ENDS
18" ALL OTHER EAVES



* RIGHT ELEVATION *

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

NOTE: 12" OVERHANG ON GABLE ENDS
18" ALL OTHER EAVES

RESIDENCE
for
AMBER WILLIS

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BUILDING CONTRACTOR

FINALS DATE:

JOB NUMBER:

DRAWING NUMBER

A-4

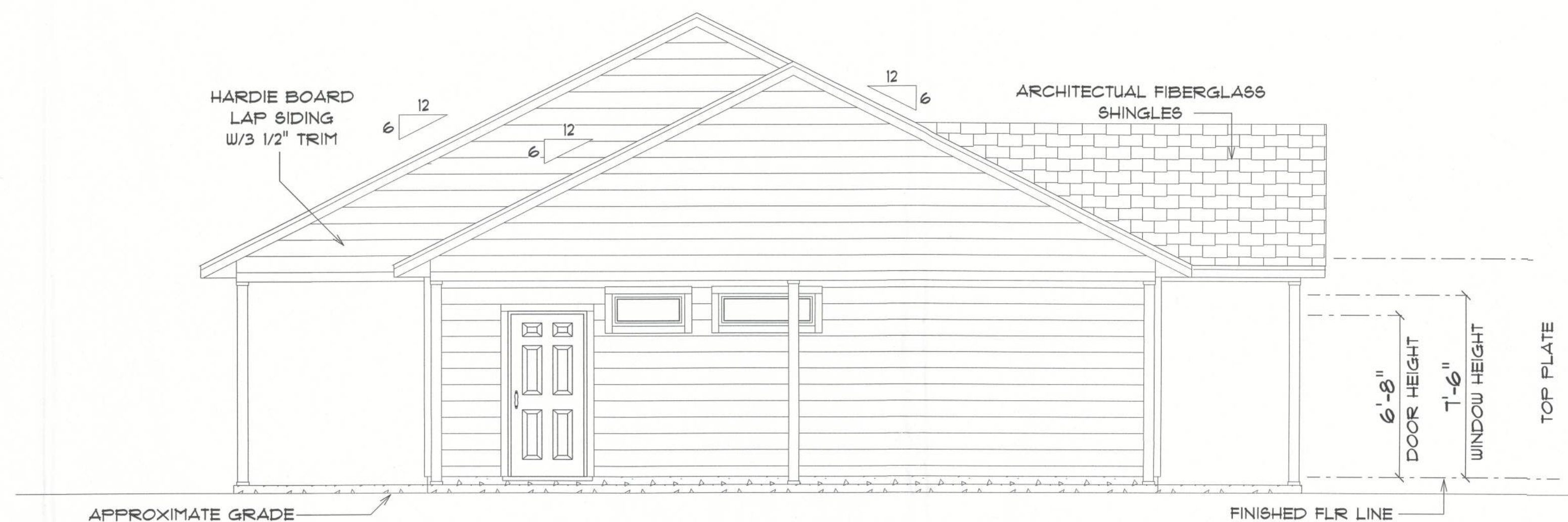
OF 6 SHEETS



*** REAR ELEVATION ***

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

NOTE: 12" OVERHANG ON GABLE ENDS
18" ALL OTHER EAVES



*** LEFT ELEVATION ***

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

NOTE: 12" OVERHANG ON GABLE ENDS
18" ALL OTHER EAVES

RESIDENCE
for
AMBER WILLIS

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BUILDING CONTRACTOR

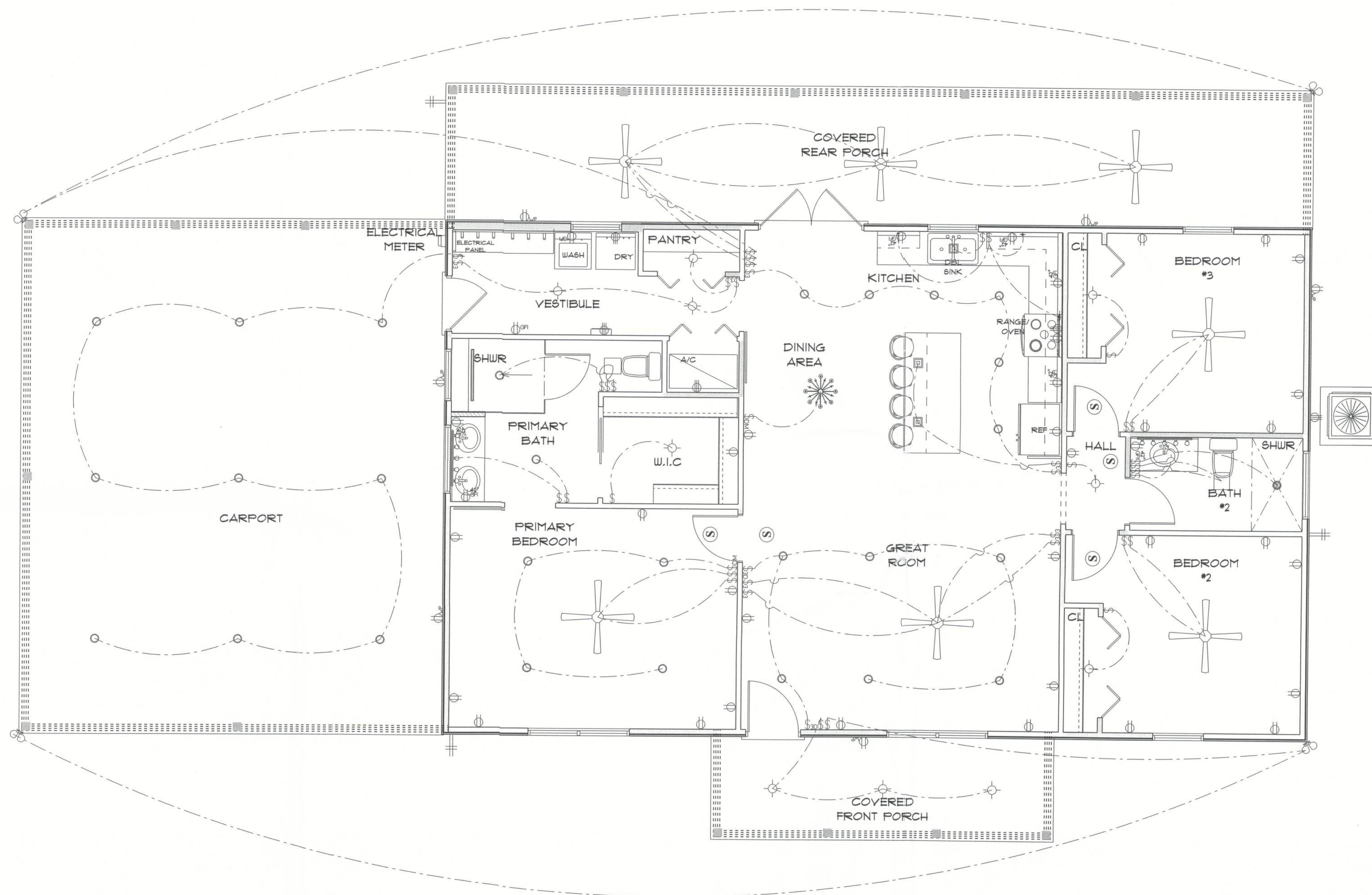
FINALS DATE:

JOB NUMBER:

DRAWING NUMBER

A-5

OF 6 SHEETS



* ELECTRICAL PLAN *

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling classic	1	
ceiling fan	7	
ceiling light vent square	2	
dimmer switch	2	
dimmer switch 3-way	2	
electrical panel	1	
light	10	
outlet	29	
outlet 220v	5	
outlet gfi	9	
outlet wp	6	
pendant large	3	
pot light	28	
Smoke Detector	5	
spotlight double	4	
switch	29	
switch 3 way	8	
Under Cab Light Strip	3	
vanity bar light 01	2	

ELECTRICAL PLAN NOTES

- E-1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUFACTURERS SPECIFICATIONS.
- E-2 CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- E-3 ALL INSTALLATIONS SHALL BE PER NATIONAL ELECTRIC CODE.
- E-4 ALL SMOKE DETECTORS SHALL BE 120V W/BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- E-5 TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNERS DIRECTION AND IN ACCORDANCE WITH APPLICABLE SECTIONS OF NATIONAL ELCT. CODE LATEST EDITION.
- E-6 ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- E-7 ENTRY OF SERVICE UNDERGROUND OR OVERHEAD) IS TO BE DETERMINED BY THE POWER COMPANY.
- E-8 ALL BEDROOM RECEPTALS ARE TO BE AFCI (ARC FAULT CIRCUIT INTERRUPT)

**RESIDENCE
for
AMBER WILLIS**

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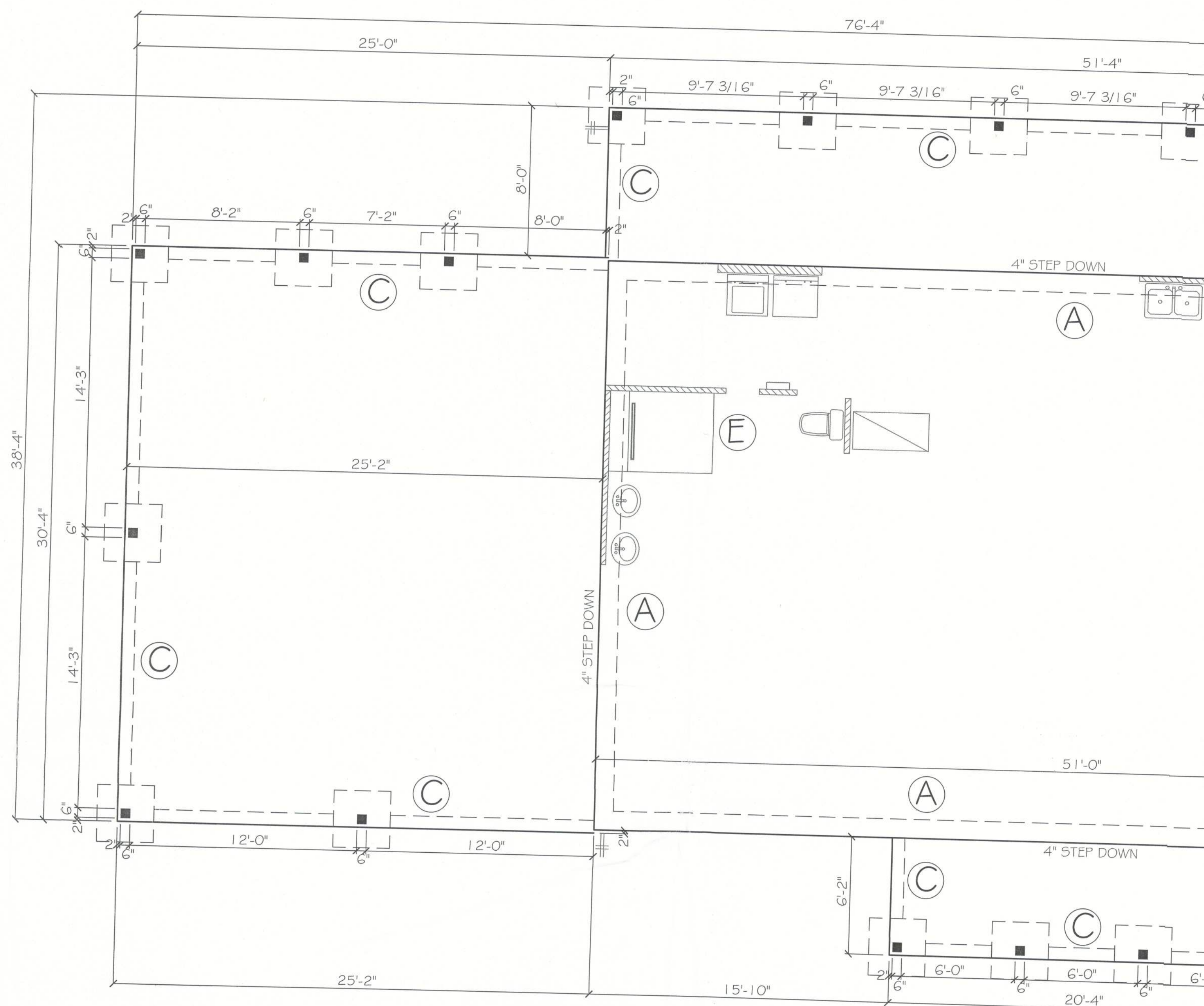
BUILDING CONTRACTOR

FINALS DATE:

JOB NUMBER:

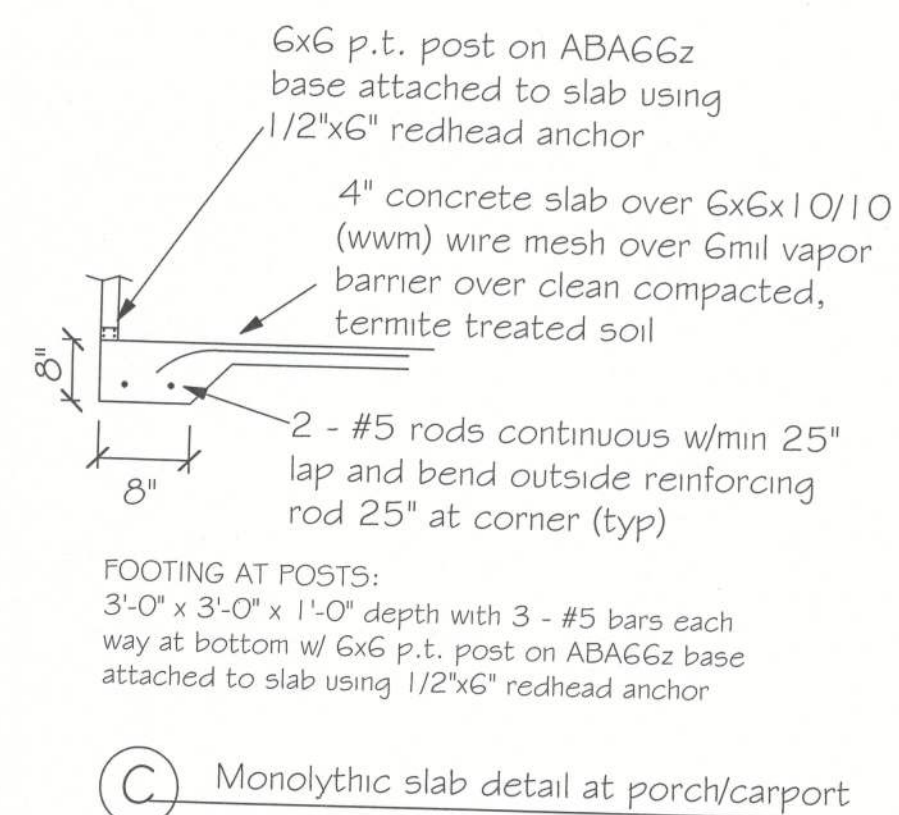
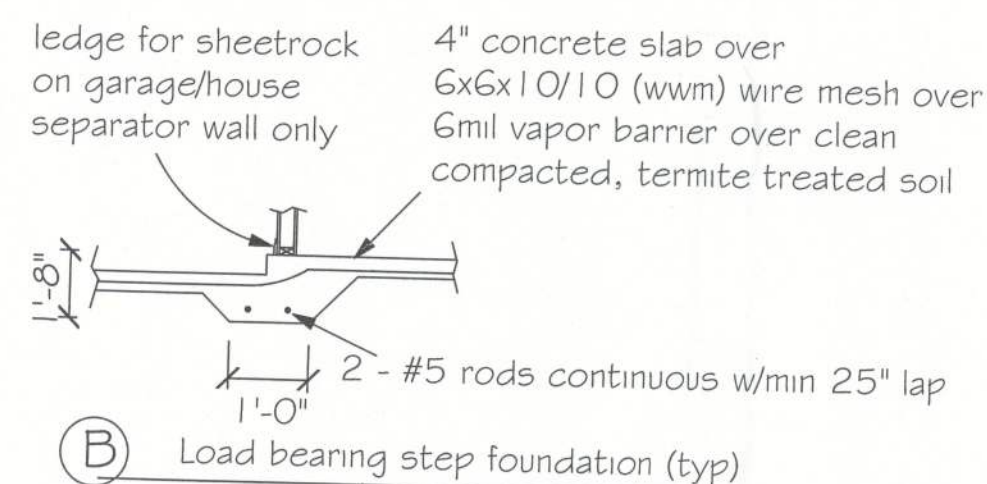
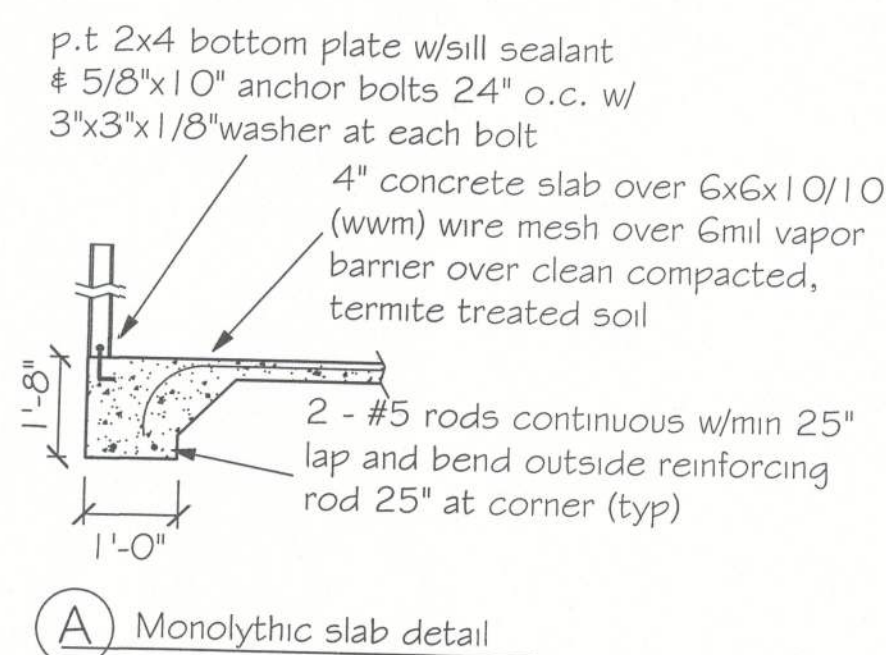
DRAWING NUMBER
A-6

- DESIGN CODES:
2023 FLORIDA BUILDING CODE (FBC) -
RESIDENTIAL
- 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: $0.18 C_{gp1} \pm$



FOUNDATION PLAN
SCALE: 1/4" = 1'

1. REFER TO ARCHITECTURAL & BUILDING PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC.
2. CONTRACTOR SHALL VERIFY ALL ROUGH PLUMBING LOCATIONS WITH OWNER PRIOR TO POURING SLAB.
3. 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, 6-MIL POLY VAPOR BARRIER w/ 6" GAPS SEALED w/ POLY TAPE OVER TERMITE-TREATED & COMPACTED FILL.
4. BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL.
5. SOIL UNDER FOOTING SHALL BE COMPRESSED TO 2000 PSF AT 95% DENSITY. CONCRETE STRENGTH SHALL BE 2500 PSI.



Shower
to be h
for tile

Ⓔ Re

ROOF VENT CALCULATION					
FORMULA 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 R803.2.40% MIN, BUT NOT MORE THAN 50% OF VENTILATION MUST BE PROVIDED BY VENTILATORS LOCATED A MIN 3'-2" ABOVE EAVE BASE OF CALCULATION: (a) OFF RIDGE VENTS - STAMPCO W/ 36 SQ IN (INVA) FOR LINEAL FT (b) SOFFIT VENTS - 6" T3-1/2" FULL VENT PERFORATED W/ 9-1/2 SQ IN (INVA) FOR LINEAL FT CALCULATED AREA FOOT OF SOFFIT VENT SHALL NOT INCLUDE NON-VENTED FIRE RATED SOFFIT LOCATED LESS THAN 3' FROM PROPERTY LINE					
AREA (SQ FT)	REQUIRED HIGH	REQUIRED LOW	PROVIDED (SQ IN)	UNSAT. FT	LOW (SQ IN)

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. Titan HD Heavy-Duty Screw Anchors 5/8" x 8",
maximum spacing of 24" o.c., may be used in lieu of 5/8"x10" anchor
bolts with 3"x3"x1/8" washer. Titan 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 THEN 4/12 DBL LAYER OF UNDERLAYMENT IS REQUIRED

OVERLAP ROOFING UNDERLAYMENT 4"MIN OVER HIP 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
GLADDING

nailing of felt underlayment shall be hot dipped galv. roofing
nails x1" in length w/ tin or plastic tabs of 1" min. nom. dia.
spacing: eaves 4" o.c., rakes 4" o.c. & all other 12" o.c.

architectural shingles installed as per manuf.
specs, 30# ASTM D226 felt underlayment
applied w/ 19" laps per table R905.1.1(1) on
7/8" cdx plywood or osb nailed 4" o.c. on edge
and 6" o.c. in field as per condition 2

simpson h2.5T at each truss or
as required by truss designer or
Simpson SDWC 15600

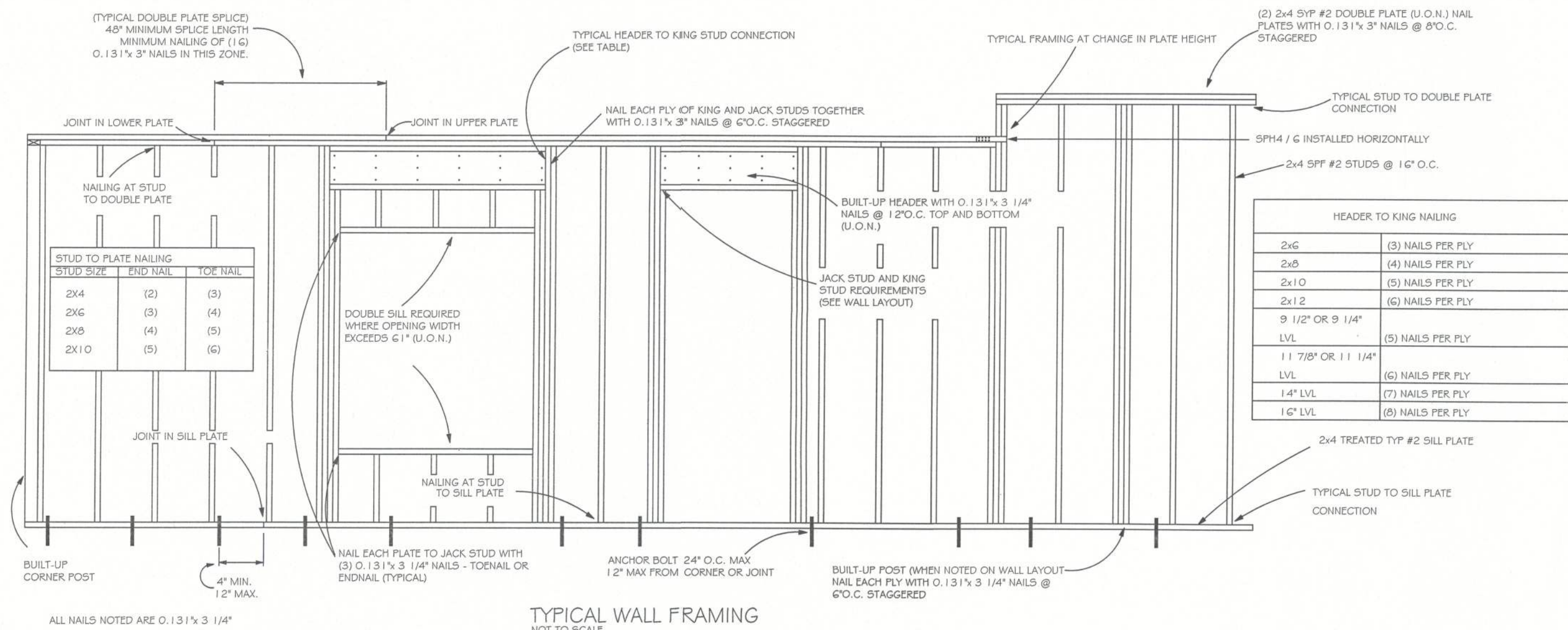
siding over vapor barrier over
7/16" Windboard O.S.B. nailed
from bottom plate to top of
double top plate with 8d @ 4"
o.c. on edge and 6" o.c. in field
as per condition 2

1 - #5 rod placed 72" O.C. up
through footing into slab turned
minimum 12" each way and embeded
a minimum 6" into footing

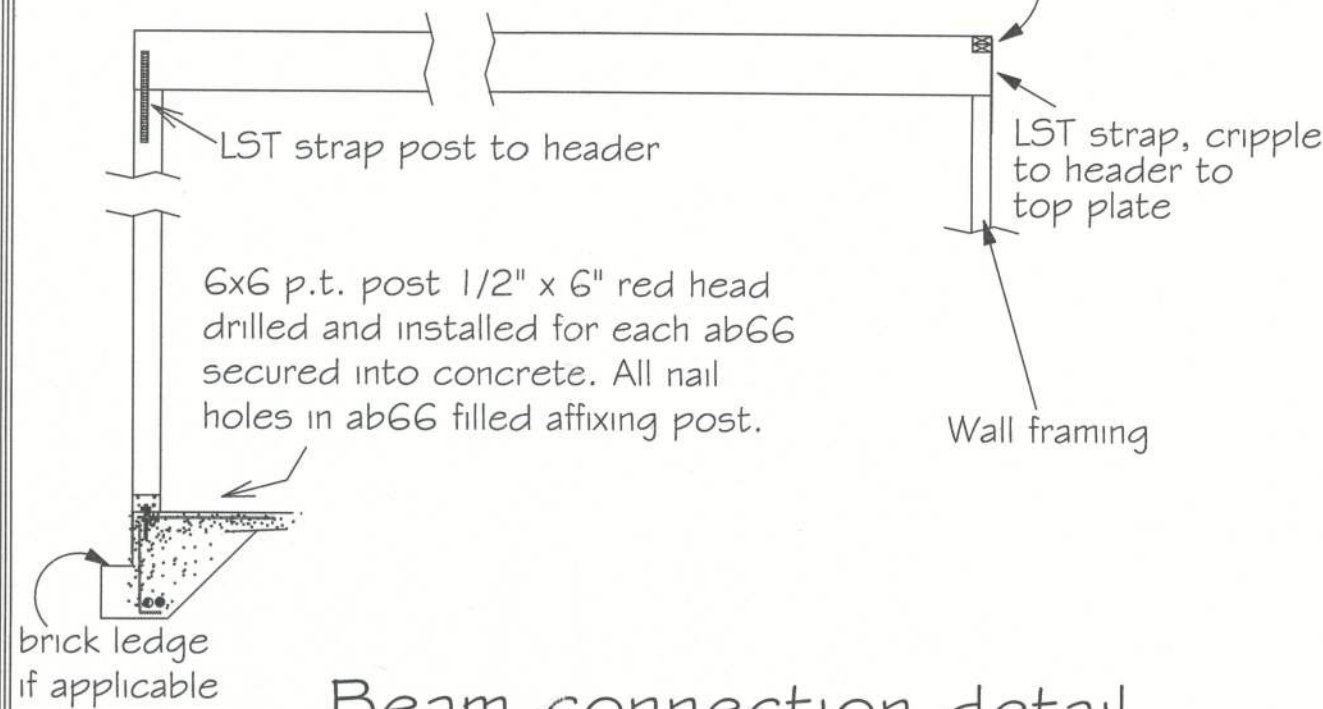
finish
grade

2 - #5 rebar continuous w/min 25" lap

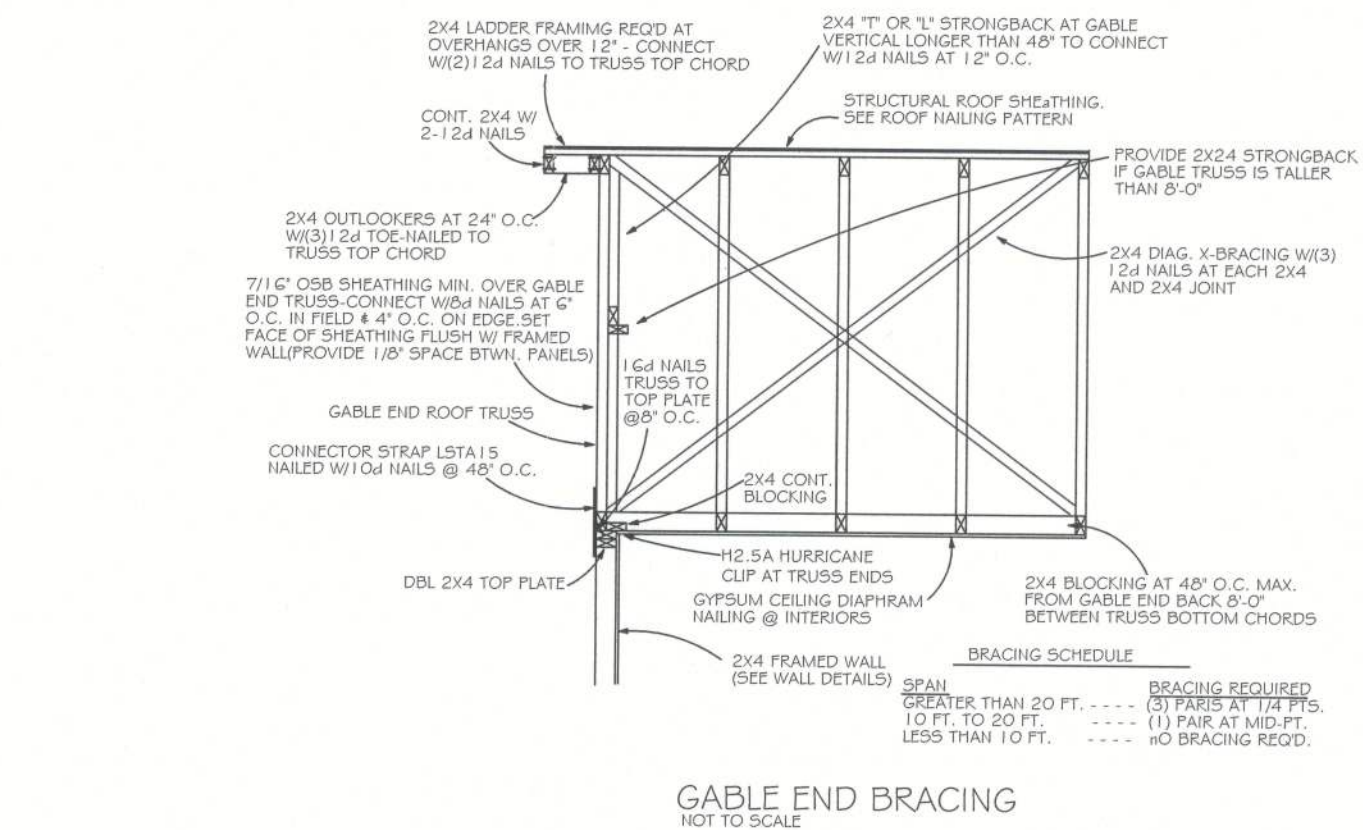
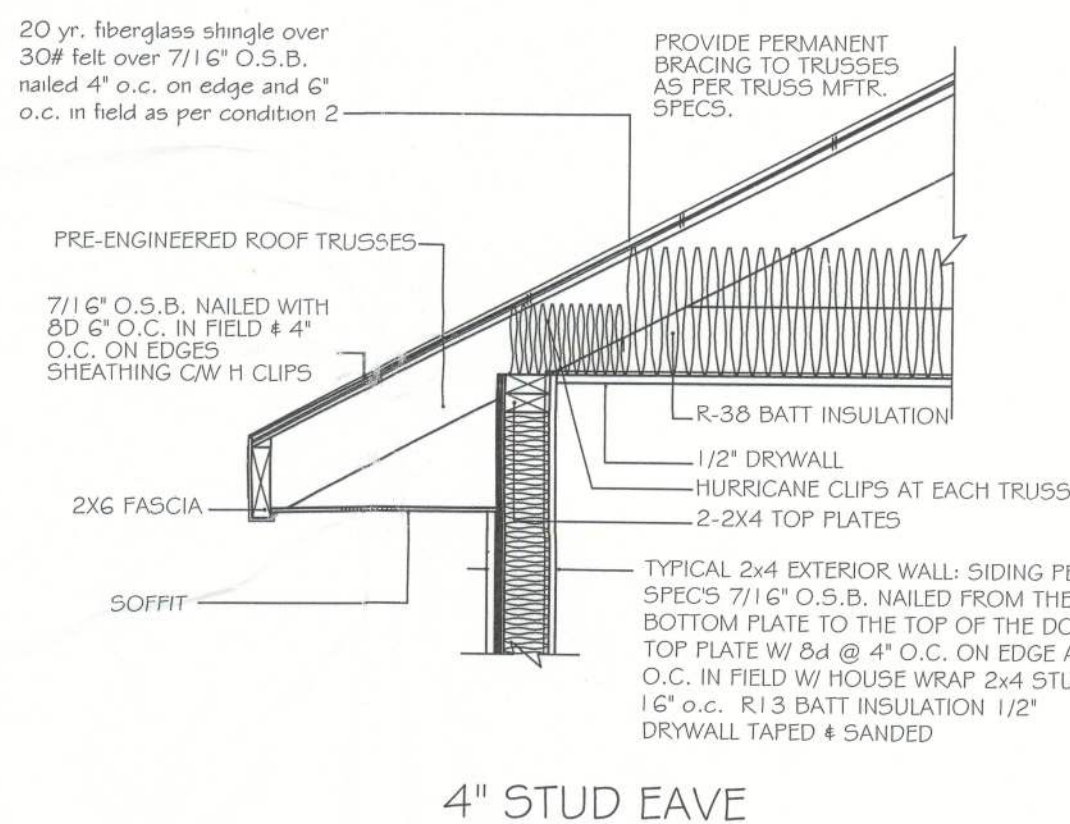
"AA" Windboard wall detail



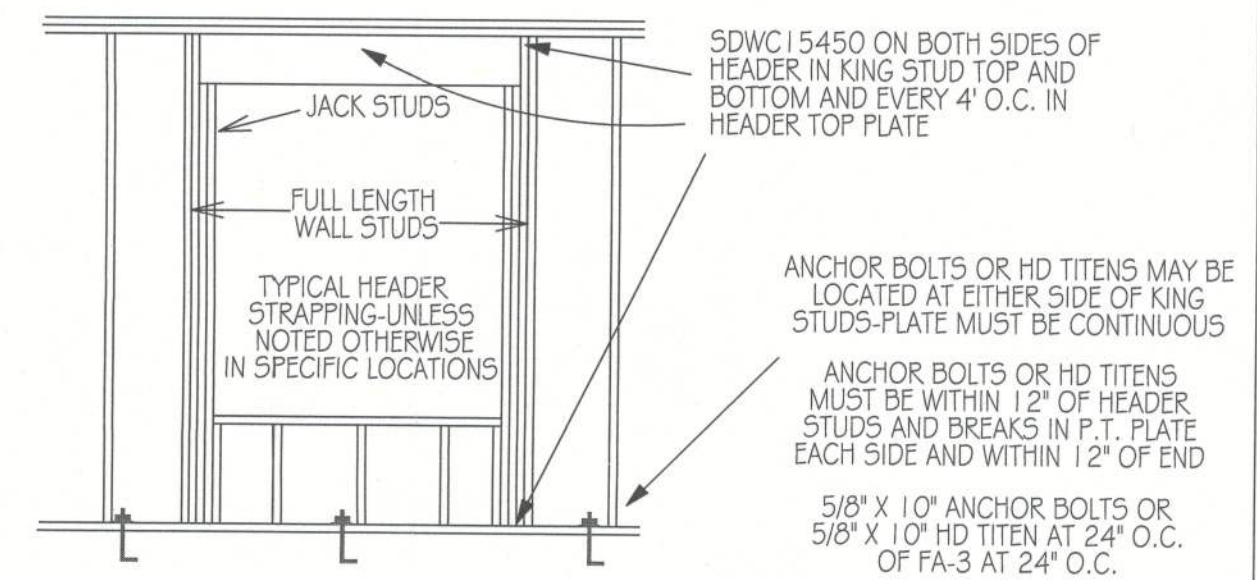
Double 2" x 12" beam used without support posts
for a maximum of 10' otherwise LVL must be used
notched under double top plate with framing
members under each beam. Fastened with 12d nails
to top plate and framing members underneath.



Double 1 3/4" x 11-1/4" LVL beam over opening up to 12'
Double 1 3/4" x 11-7/8" LVL beam over opening over 12' and up to 14'
Double 1 3/4" x 14" LVL beam over opening over 14' and up to 16' with 3 king
studs each end and 2 trimmers each end of beam. Fastened with 12d nails to
top plate and framing members. One PA28 at both sides of opening embedded
min 4" into concrete. LST 18 strap over trimmer to header each side.



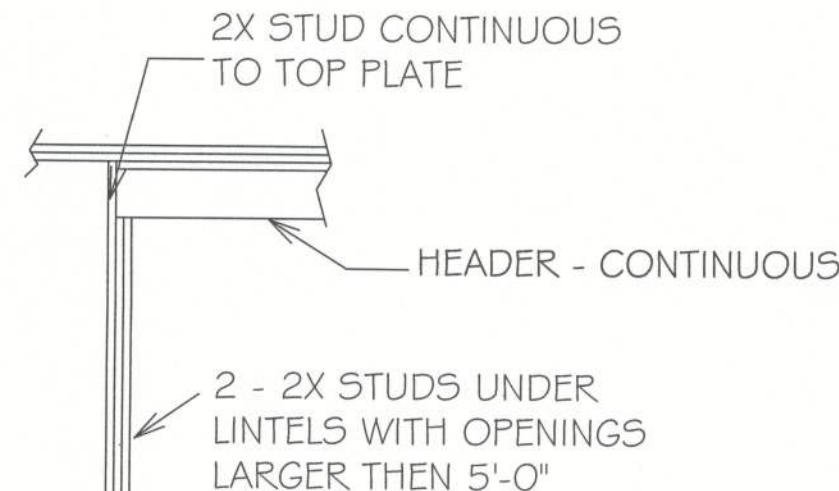
SEE HEADER
SCHEDULE
FOR SIZE



UPLIFT CONNECTIONS REQUIRED AT POINT "A" (TOP &
BOTTOM OF CRIPPLES) UPLIFT LOAD PER FRAMING
MEMBER ABOVE THE HEADER MULTIPLIED BY THE
NUMBER OF FRAMING MEMBERS DIVIDED BY TWO

SDWC HEADER STRAPPING (TYPICAL)

HEADER SCHEDULE



NOTE:
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

MAXIMUM HEADER SPAN

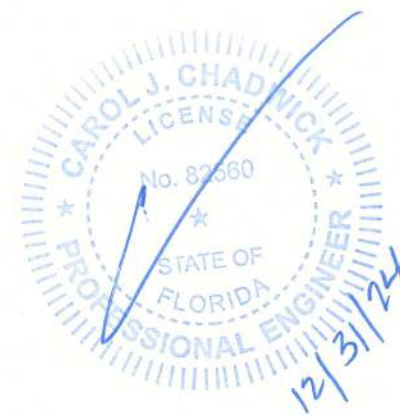
3'	6'	9'	12'	15'	18'
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NUMBER OF HEADER STUDS SUPPORTING END OF HEADER

1	1	2	2	2	2
---	---	---	---	---	---

NUMBER OF FULL LENGTH STUDS AT END OF HEADER

2



Digitally signed by Carol Chadwick
DN: c=US, o=Florida,
dnQualifier=A014100000018D46
3B4E7500032FEE, cn=Carol
Chadwick
Date: 2024.12.30 14:56:16 -0500

This item has been digitally signed and sealed by Carol Chadwick, P.E. on the
date adjacent to the seal. Printed copies of this document are not considered
signed and sealed and the signature must be verified on any electronic copies.

CAROL CHADWICK
Professional Engineer
State of Florida
License No. 68688
12/31/24

WILLIS RESIDENCE
FRAMING DETAILS
5808 SE COUNTRY CLUB ROAD, LAKE CITY, FL

FL 24630
DEC 30, 2024
PROJECT
5-2