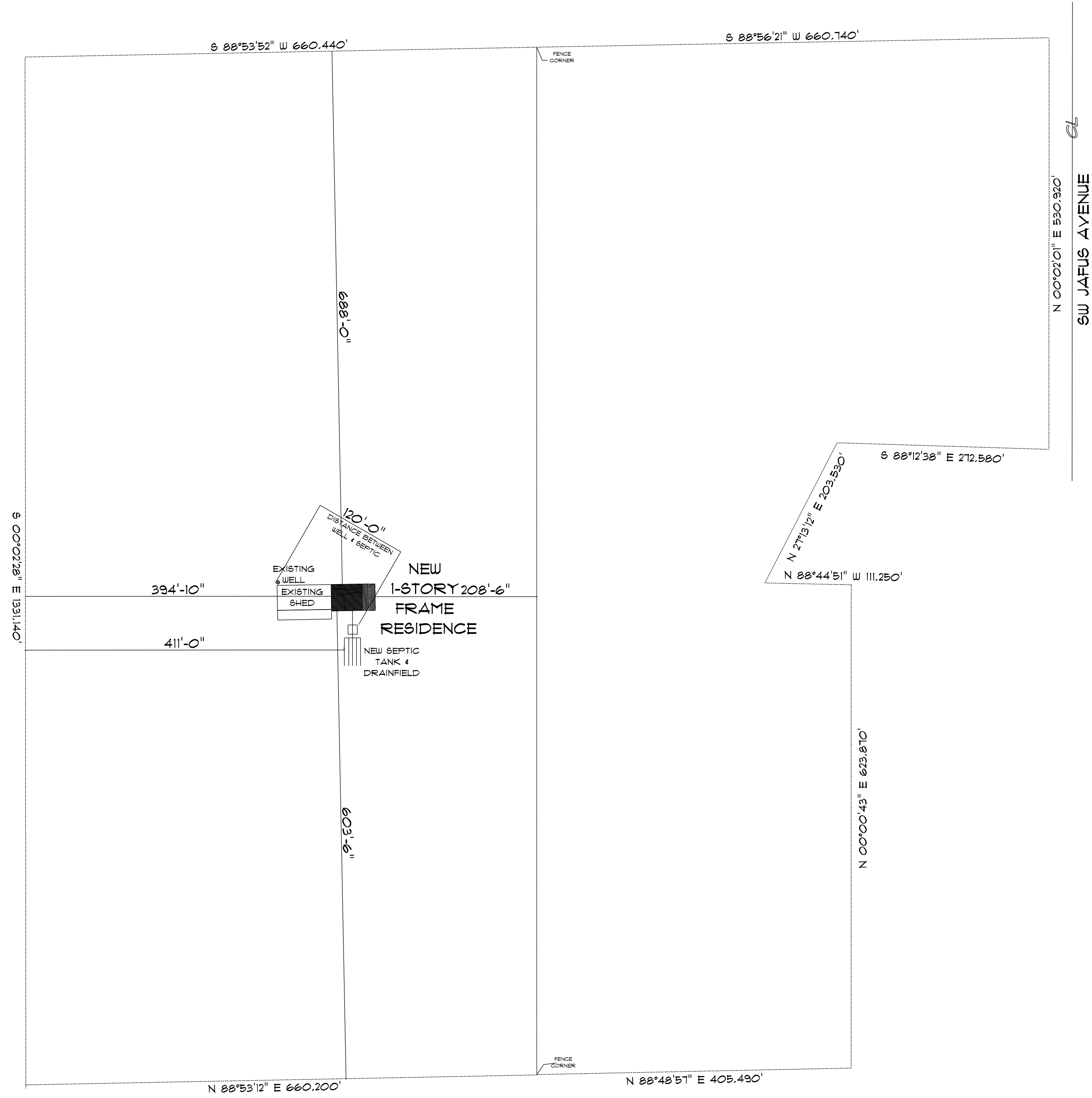
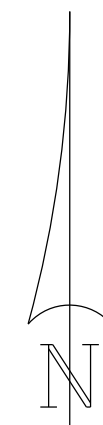




* SITE PLAN *

SCALE: 1" = 100'



RESIDENCE
for
NICHOLAS & SAMANTHA
TYRE

Teena M. Ruffo
2925 SW 8R 41
Lake City Florida, 32025
Cell: (386) 867-1191
Email: teenaruffo@gmail.com

PRINTED DATE:
Wednesday, June 5, 2024

DRAWN BY: Teena M. Ruffo
CHECKED BY:

BUILDING CONTRACTOR

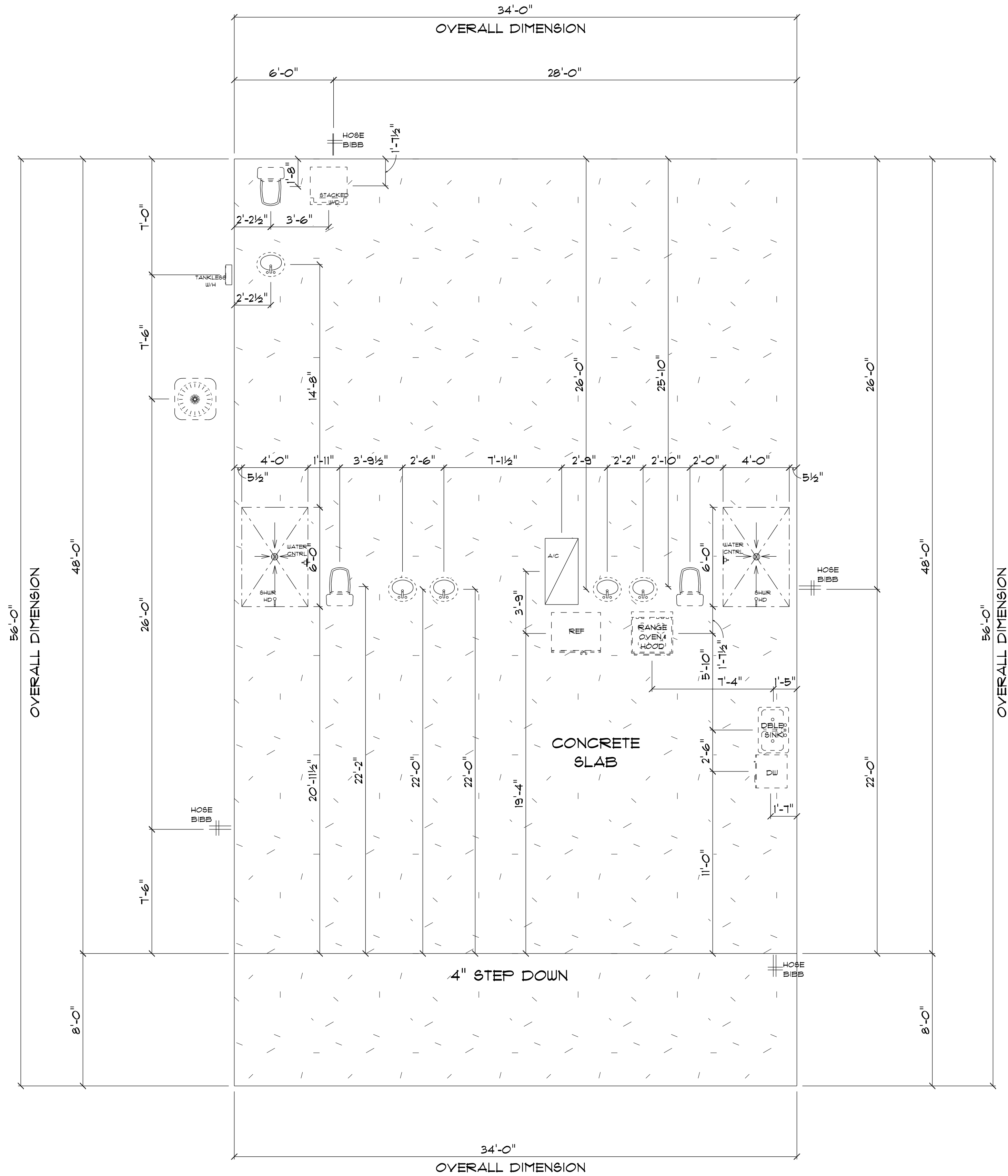
FINAL DATE:

JOB NUMBER:

DRAWING NUMBER

A-1

OF 6 SHEETS



* P L U M B I N G *
* F O U N D A T I O N P L A N *
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.

RESIDENCE
for
NICHOLAS & SAMANTHA
TYRE

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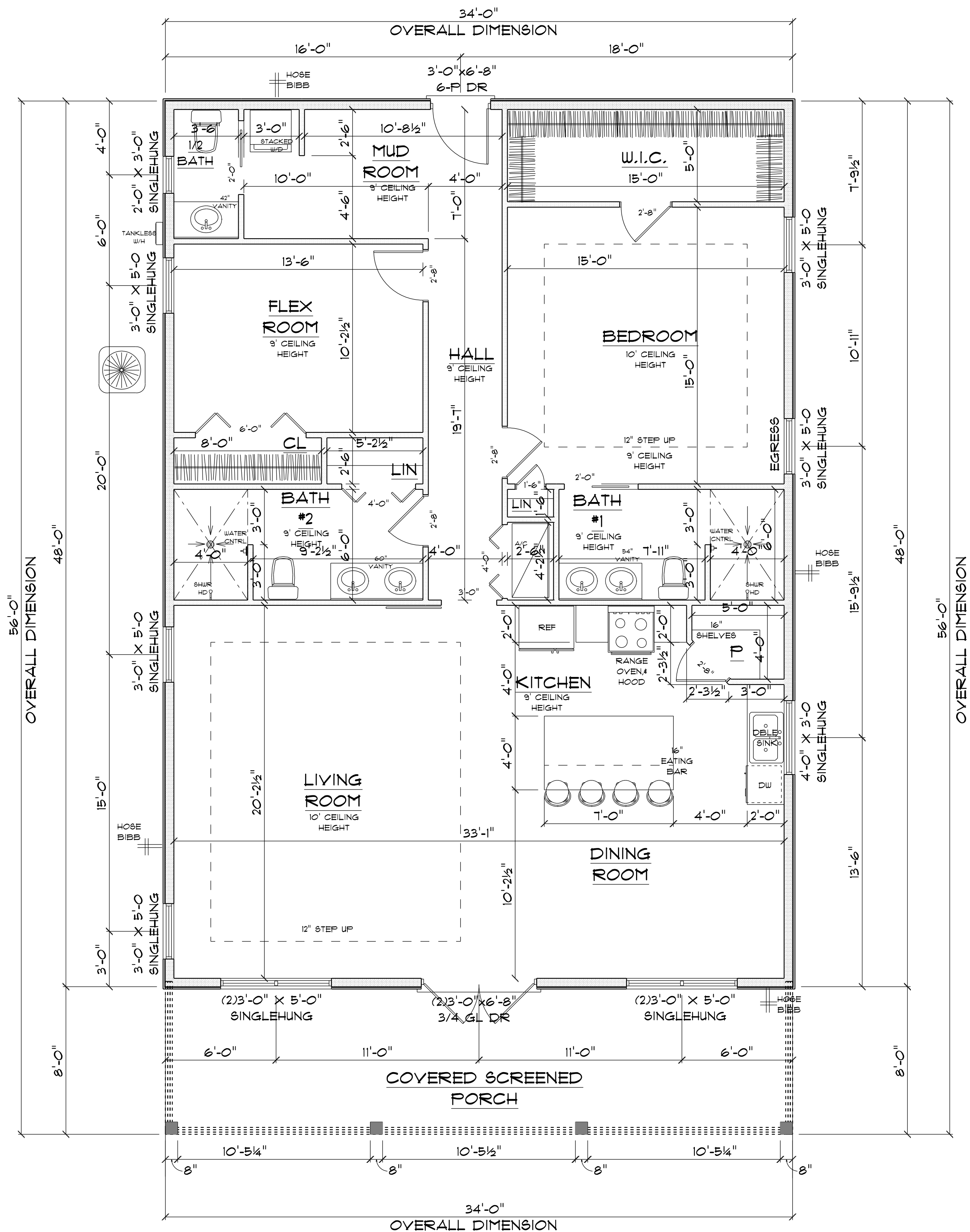
FINAL DATE:

JOB NUMBER:

DRAWING NUMBER

A-2

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.
 3. ALL EXTERIOR WALLS TO BE 2X6. ALL INTERIOR WALLS TO BE 2X4.

TOTAL A/C AREA UNDER ROOF	=	1632 S.F.
COVERED FRONT PORCH	=	272 S.F.
TOTAL AREA UNDER ROOF	=	1,904 S.F.

RESIDENCE
for
NICHOLAS & SAMANTHA
TYRE

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Lake City Florida, 32025
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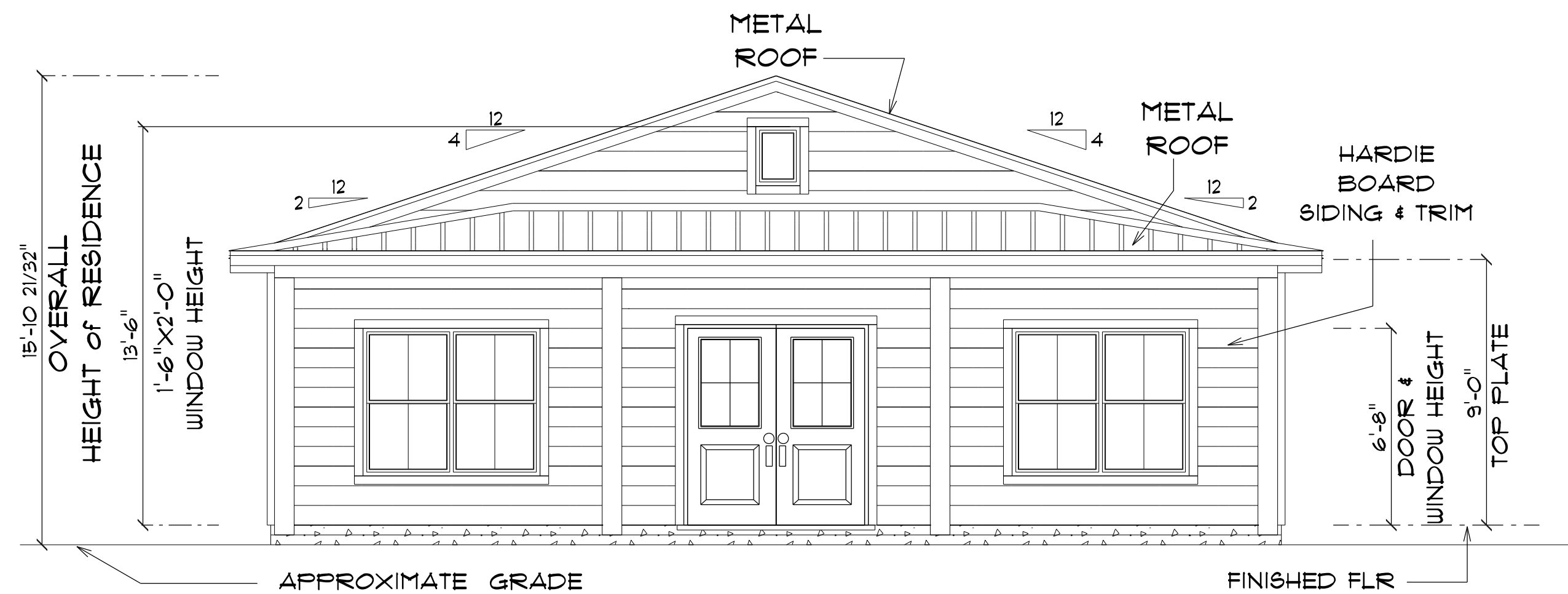
FINAL DATE:

JOB NUMBER:

DRAWING NUMBER

A-3

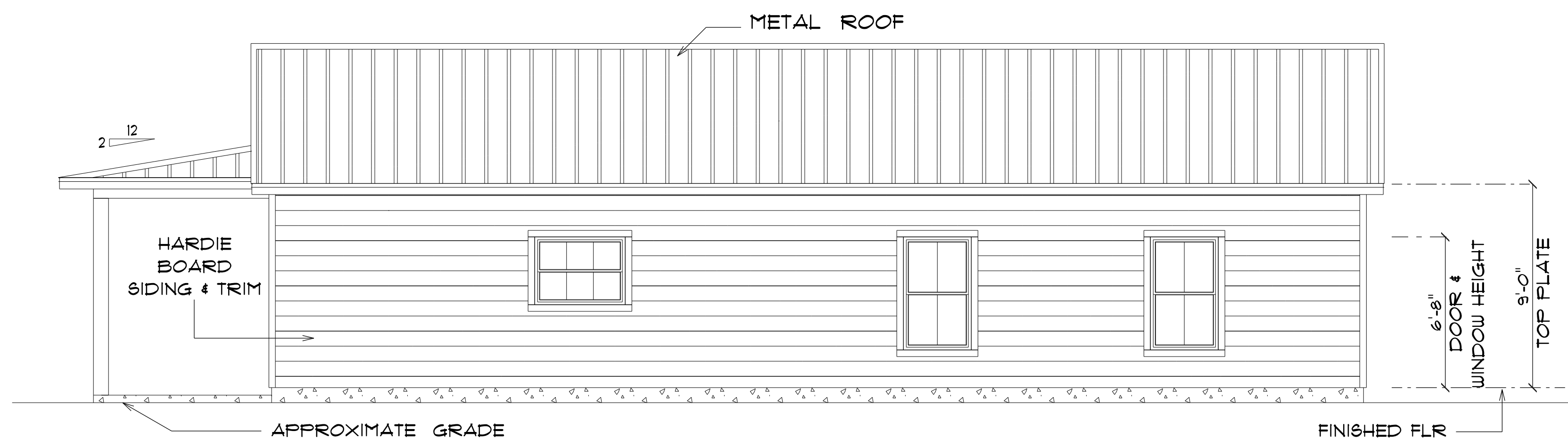
OF 6 SHEETS



* FRONT ELEVATION *

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

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



* RIGHT ELEVATION *

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

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

RESIDENCE
for
NICHOLAS & SAMANTHA
TYRE

Teena M. Ruffo
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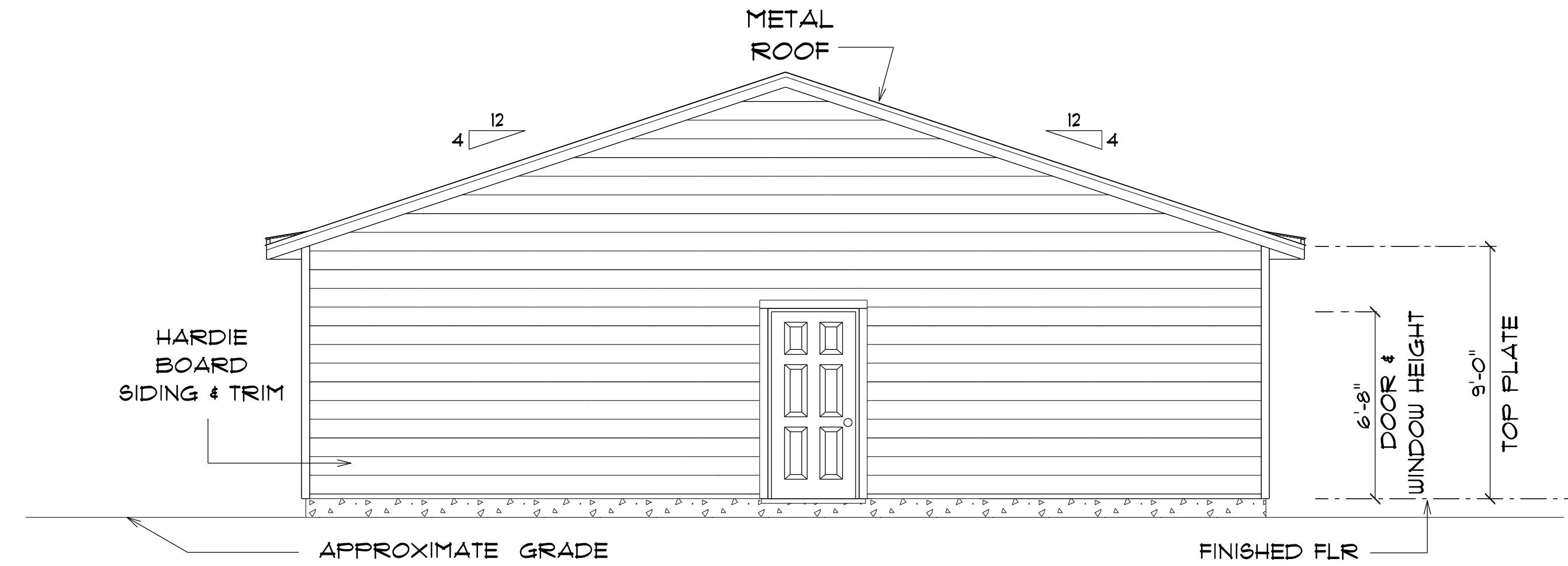
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JOB NUMBER:

DRAWING NUMBER

A-4

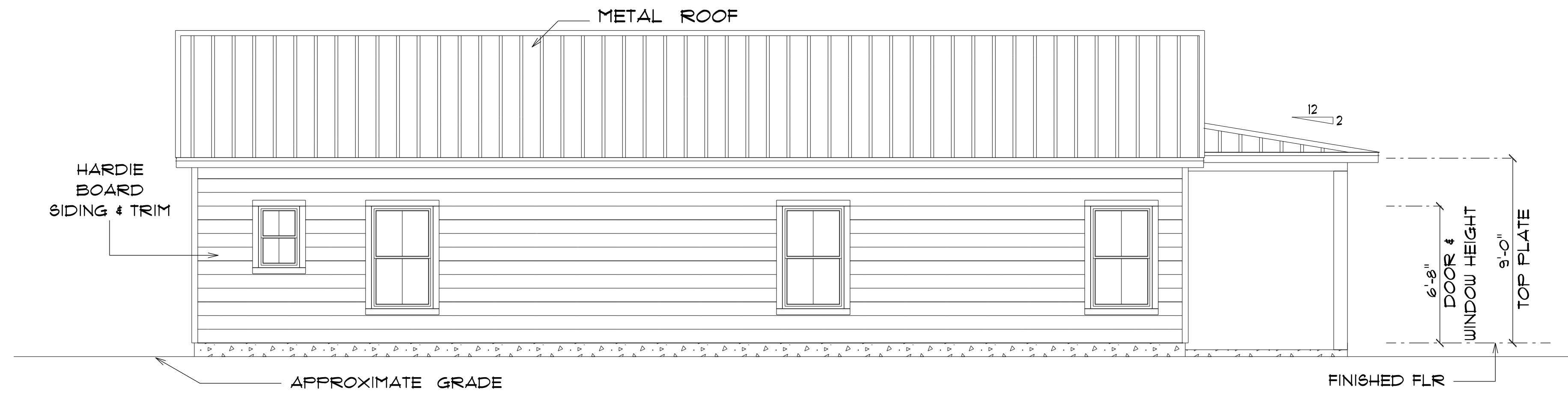
OF 6 SHEETS



* REAR ELEVATION *

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

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



* LEFT ELEVATION *

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

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

RESIDENCE
for
NICHOLAS & SAMANTHA
TYRE

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Lake City Florida, 32025
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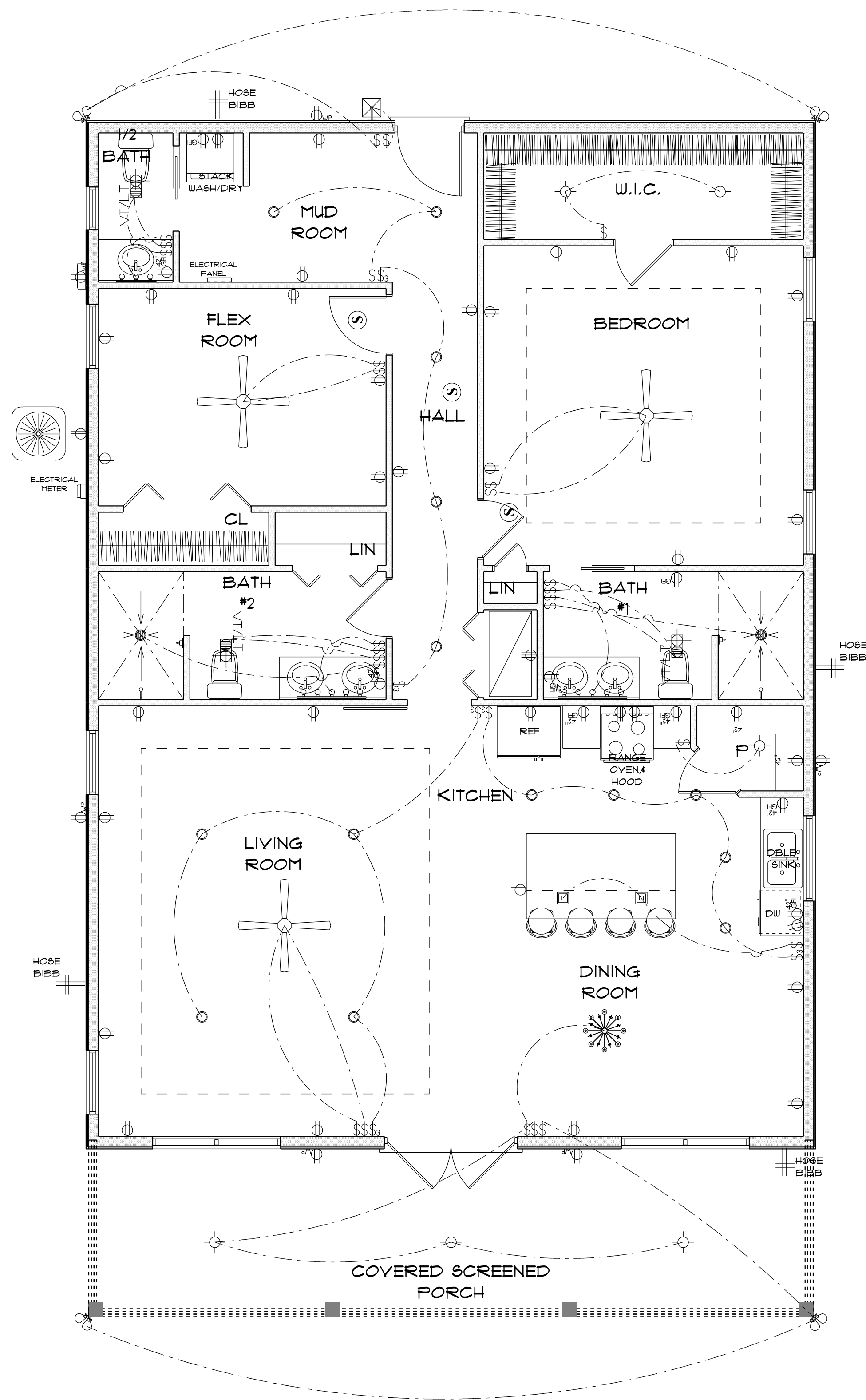
FINAL DATE:

JOB NUMBER:

DRAWING NUMBER

A-5

OF 6 SHEETS



ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan	3	
ceiling classic	1	
pendant large	2	
pot light	16	
arts and craft exterior light	1	
spotlight double	4	
Smoke Detector	3	
electrical panel	1	
light	6	
outlet	32	
outlet 220v	4	
outlet gfi	9	
outlet wp	6	
switch	26	
switch 3 way	6	
vent light combo	3	
vanity bar light 01	2	
vanity bar light 02	1	

ELECTRICAL PLAN NOTES

- E-1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUFACTURER'S 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 OWNER'S 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)

* ELECTRICAL PLAN *

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

RESIDENCE
for
NICHOLAS & SAMANTHA
TYRE

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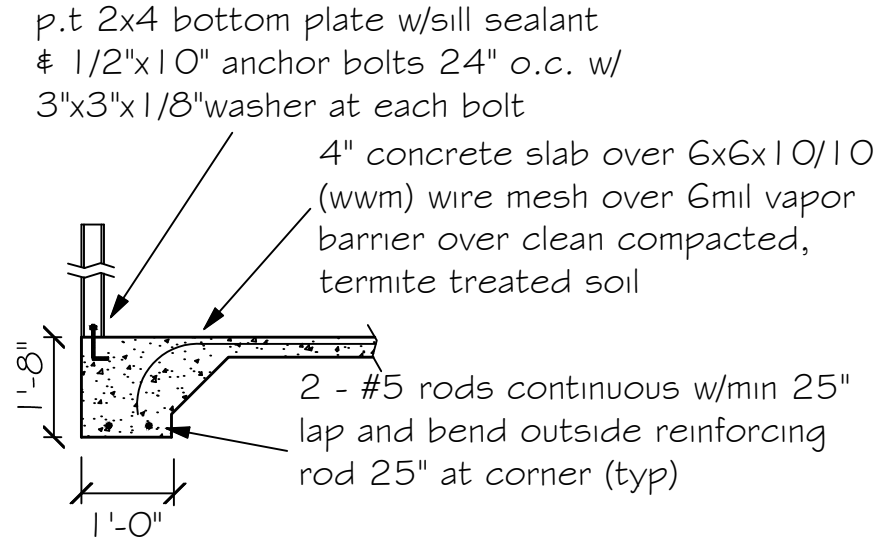
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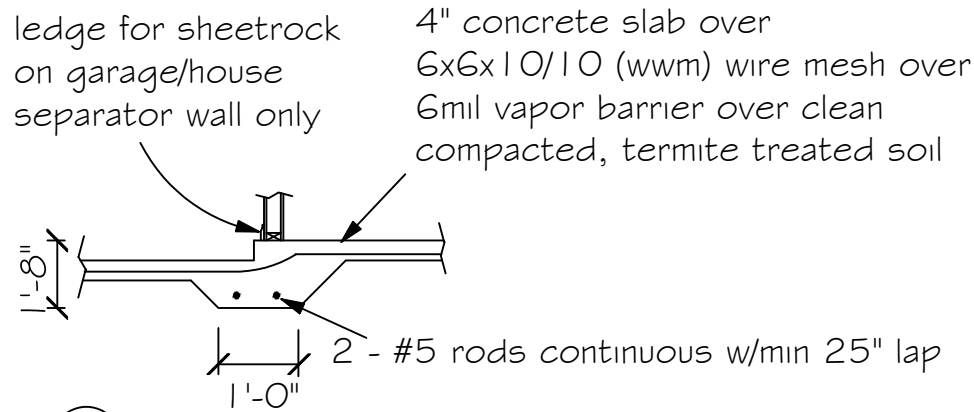
OF 6 SHEETS

DESIGN SPECIFICATIONS

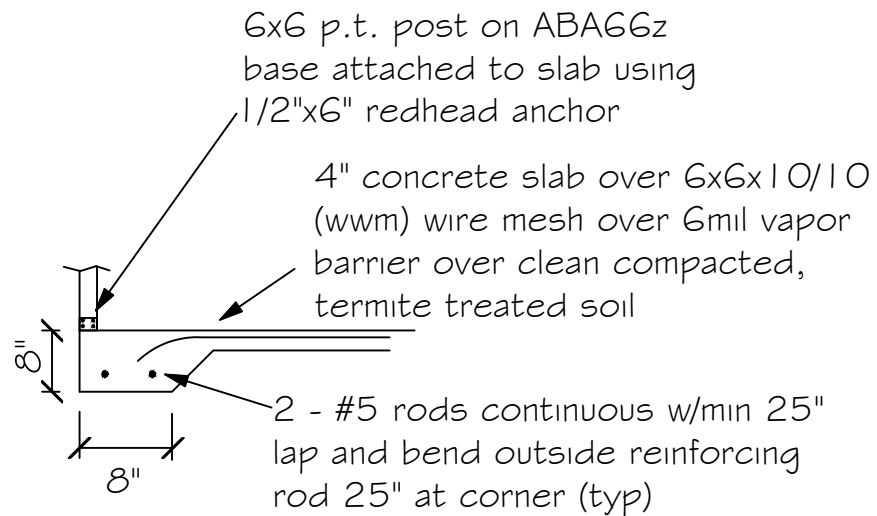
- DESIGN CODES:
2023 FLORIDA BUILDING CODE (FBC) - RESIDENTIAL
- OCCUPANCY: RESIDENTIAL GROUP R-3 (ONE- AND TWO-FAMILY DWELLINGS)
- DESIGN LOADS:
ROOF CONVENTIONAL FRAMING:
LL 20 PSF RAFTERS
LL 20 PSF CEILING JOISTS
DL 10 PSF RAFTERS
DL 10 PSF CEILING JOISTS
DL 30 PSF ATTICS WITH STORAGE
DL 10 PSF ATTICS 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 CGP1 ±



(A) Monolithic slab detail

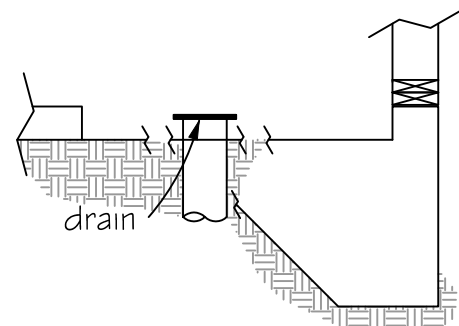


(B) Load bearing step foundation (typ)

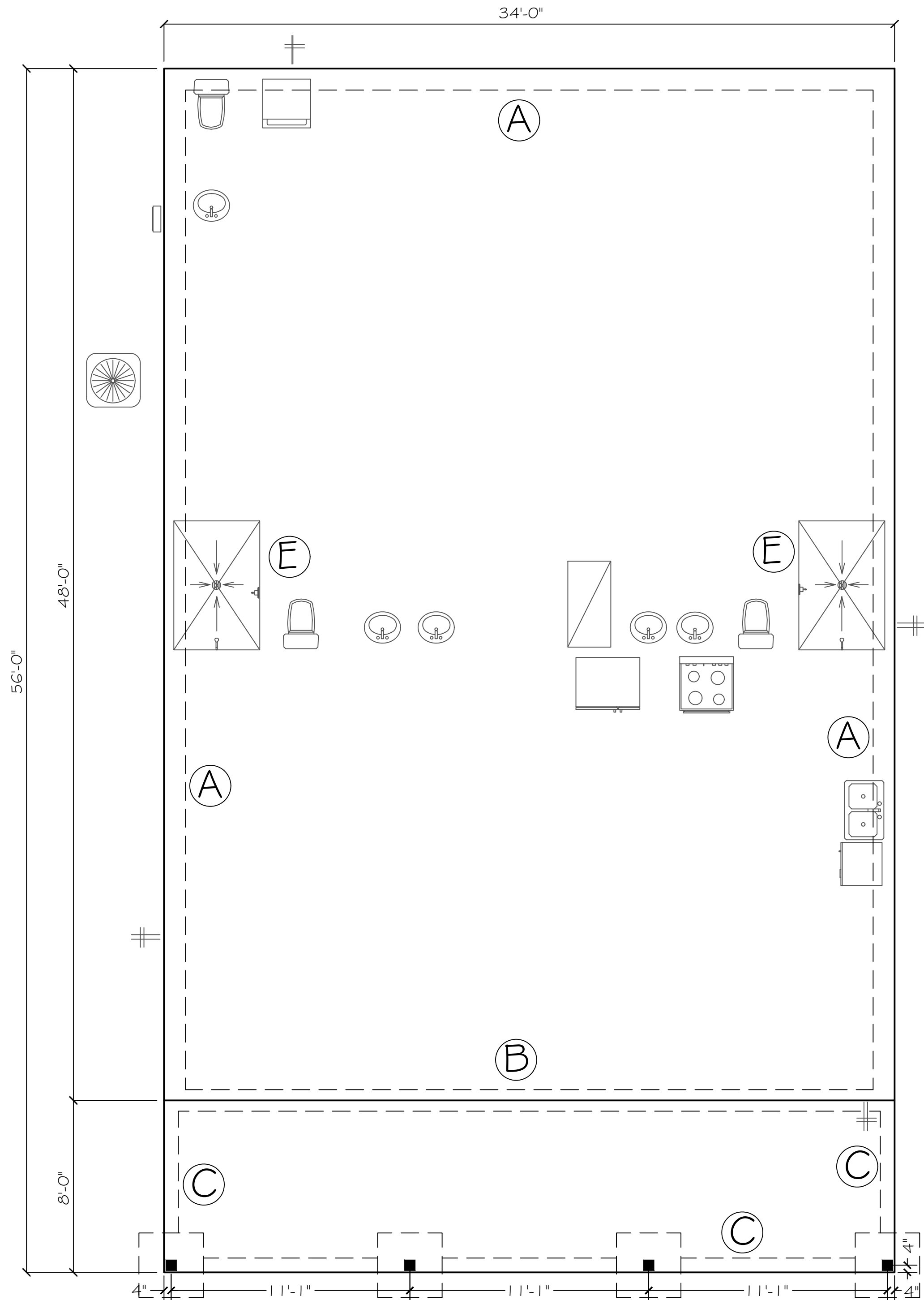


FOOTING AT POSTS:
3'-0" x 3'-0" x 1'-0" depth with 3 - #5 bars each
way at bottom w/ 6x6 p.t. post on ABAGGz base
attached to slab using 1/2"x6" redhead anchor

(C) Monolithic slab detail at porch/carport



(E) Recessed Shower Detail



FOUNDATION PLAN
SCALE: 1/4" = 1'

FOUNDATION NOTES

- REFER TO ARCHITECTURAL & BUILDING PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC.
- CONTRACTOR SHALL VERIFY ALL ROUGH PLUMBING LOCATIONS WITH OWNER 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, 6-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.
- SOIL UNDER FOOTING SHALL BE COMPRESSED TO 2000 PSF AT 95% DENSITY. CONCRETE STRENGTH SHALL BE 2500 PSI.

Digitally signed by
Carol Chadwick
DN: c=US,
o=Florida,
dnQualifier=A0141
00000018046384
E7500032FEE,
cn=Carol Chadwick
Date: 2024.06.05
12:19:30 -04'00'

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

TYRE RESIDENCE
FOUNDATION PLAN
1364 SW JARVIS AVENUE, LAKE CITY, FL

DESIGNED FOR
NICHOLAS & SAMANTHA TYRE
nctyre@gmail.com

DATE: 06/05/2024
TIME: 12:19:30 PM
SCALE: 1/4" = 1'

PROJECT: 24-00000018046384
SHEET: 5-1

ROOF VENT CALCULATION						
FORMULA						
1 SQUARE INCH FOR EVERY 300 SQUARE INCHES OF CEILING 1.44 SQUARE INCHES = 1 SQUARE FOOT BUILDING CEILING (50 FT) x 1.44 = BUILDING (50 IN) BUILDING (50 IN) x 50 = 50 IN OF VENT REQUIRED 50 IN OF VENT REQUIRED (2 = 50% AT HIGH AND 50% AT LOW PER FBC SECTION R803.2.406 MIN, BUT NOT MORE THAN 50% OF VENTILATION MUST BE PROVIDED BY VENTILATORS LOCATED A MIN 3'-0" ABOVE EAVE BASE OF CALCULATION: (a) OFF RIDGE VENTS - STAMPCO W/ 36 SQ IN (IN/VA) PER LINEAL FT (b) SOFFIT VENTS - 2" T3-1/8" FULL VENT PERFORATED W/ 9-1/8 SQ IN (IN/VA) PER LINEAL FT CALCULATED UNLSA 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	SHORT (SQ IN)	LINEAL FT	LOW (SQ IN)	
SOFFIT TABLE VENT SPECS						
Double 5" perforated soffits have a 6.20 sq. inches/bay, foot rating Triple 4" center vent soffits has a 1.956 sq. inches/bay, foot rating Triple 4" full vent soffits has a 5.667 sq. inches/bay, foot rating Triple 4" basketweave full vent has a 14.34 sq. inches/bay, foot rating Triple 4" center vent has a 4.79 sq. inches/bay, foot rating Beaded hidden vent soffits has 2.66 sq. inches/bay, foot rating Triple 3-1/8" hidden vent soffits has a 9-1/8 sq. inches/bay, foot rating						

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.

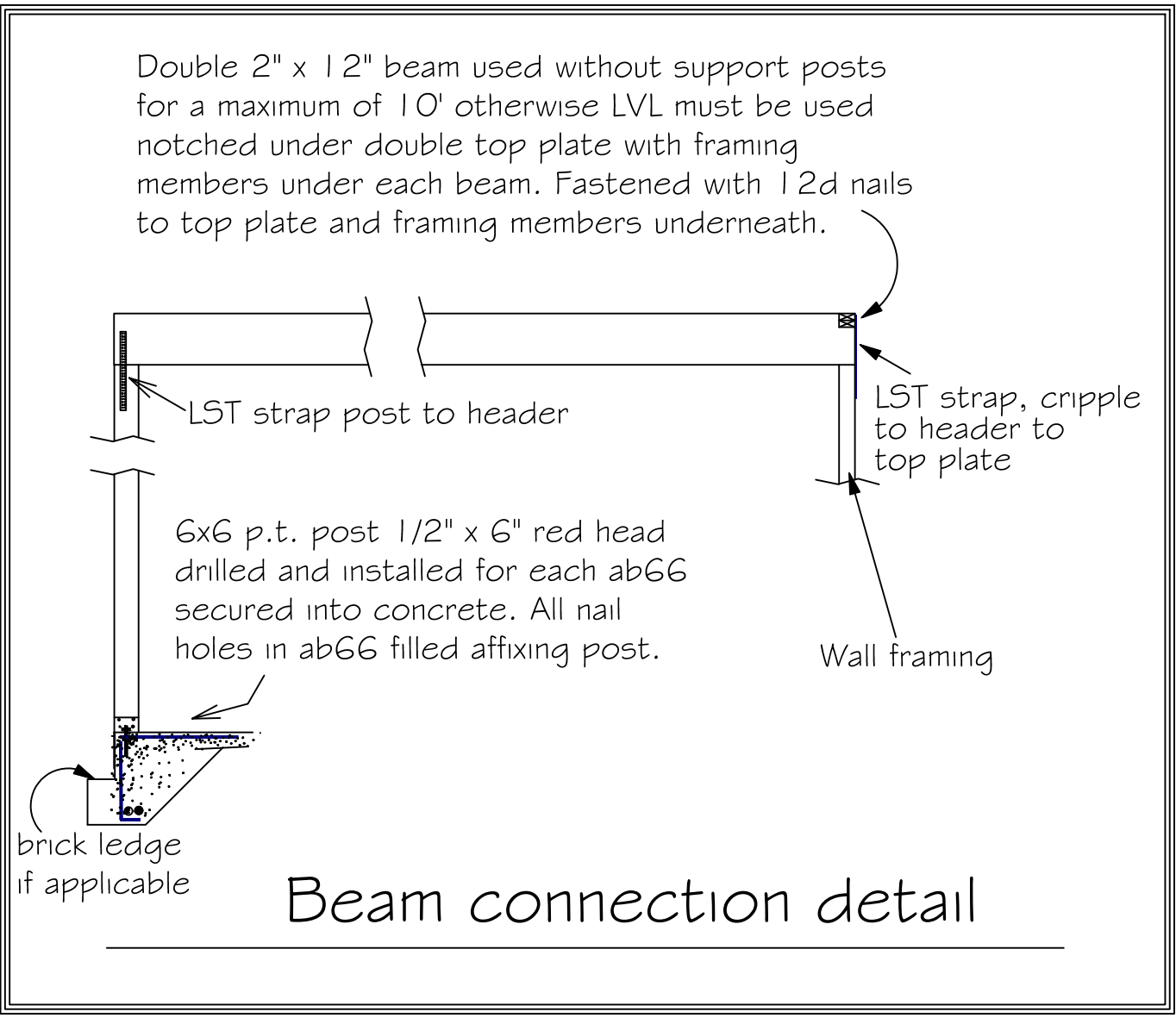
Simpson Strong-Tie Co. Titen HD Heavy-Duty Screw Anchors 5/8" x 8",
maximum spacing of 24" o.c., may be used in lieu of 5/8"x10" anchor
bolts with 3"x3"x1/8" washer. Titen HD Heavy-Duty Screw Anchors shall
be installed per manufacturer's specifications.

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

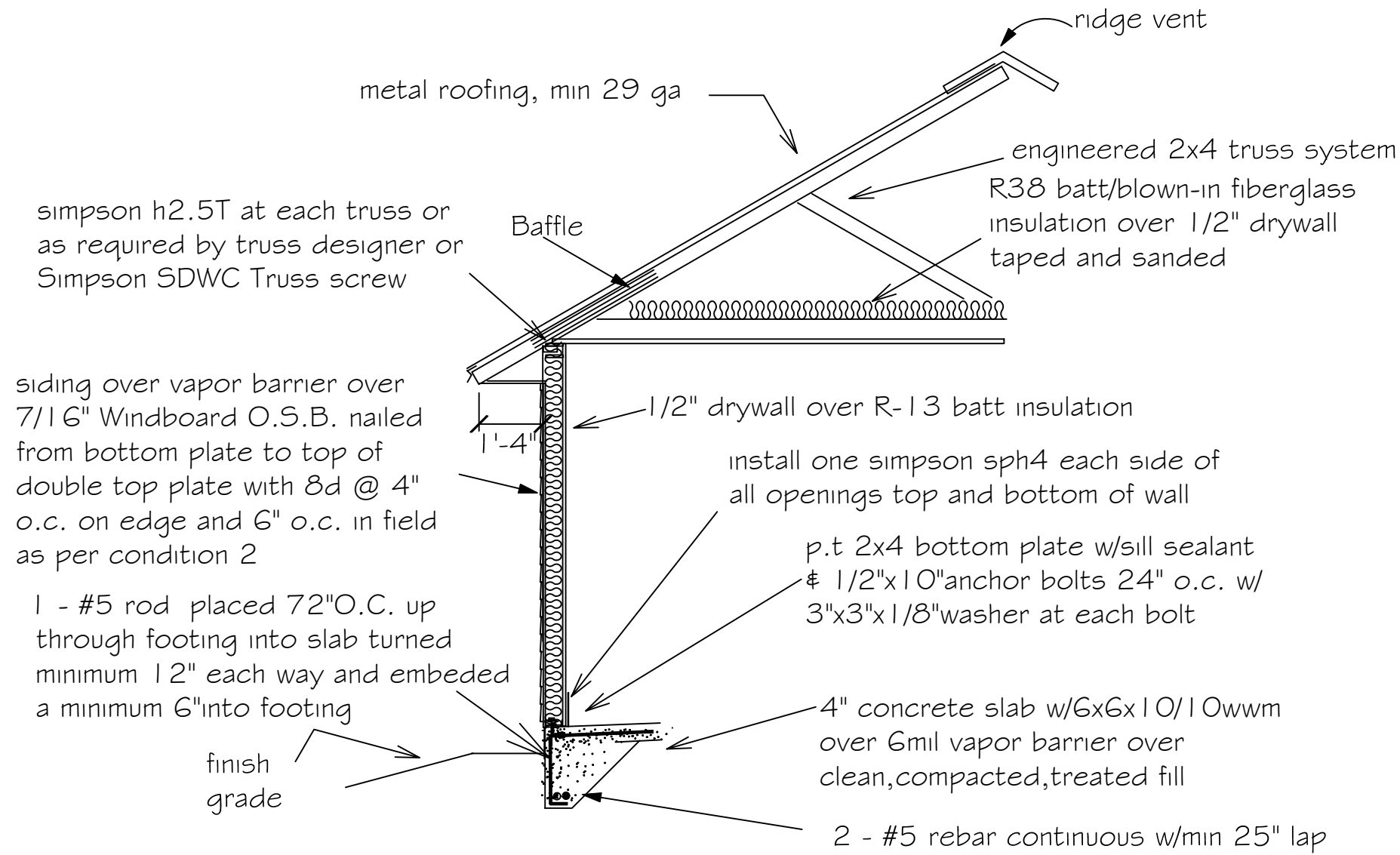
ROOF NOTES

ROOF PITCH LESS THEN 4/12 DBL LAYER OF UNDERLAYMENT IS REQUIRED
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

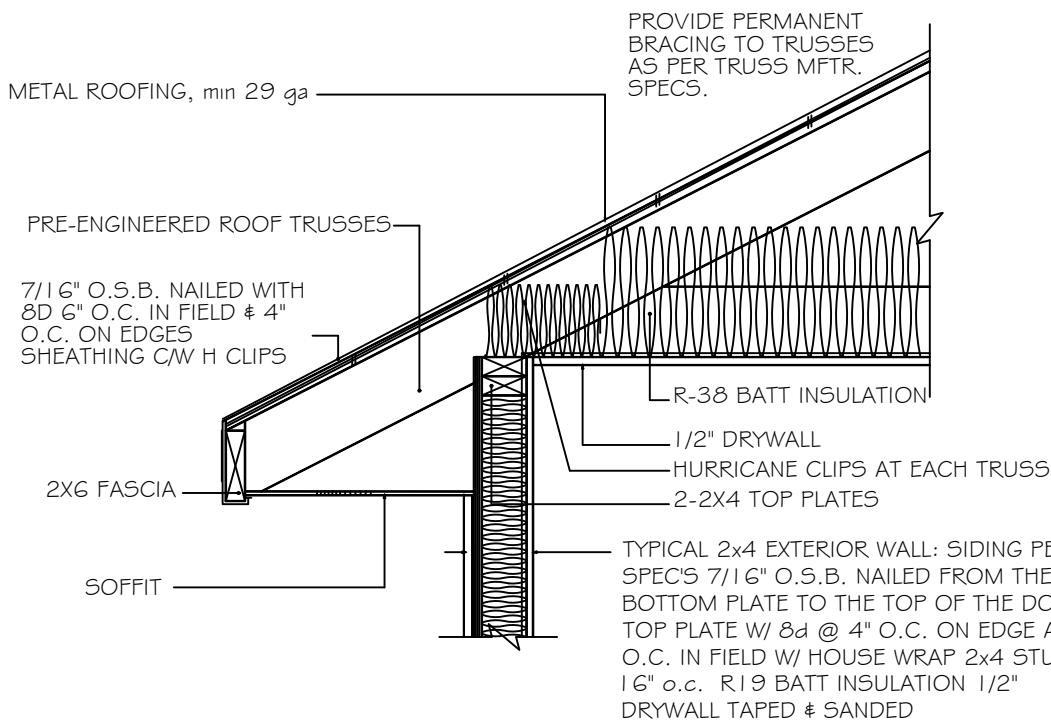


Beam connection detail

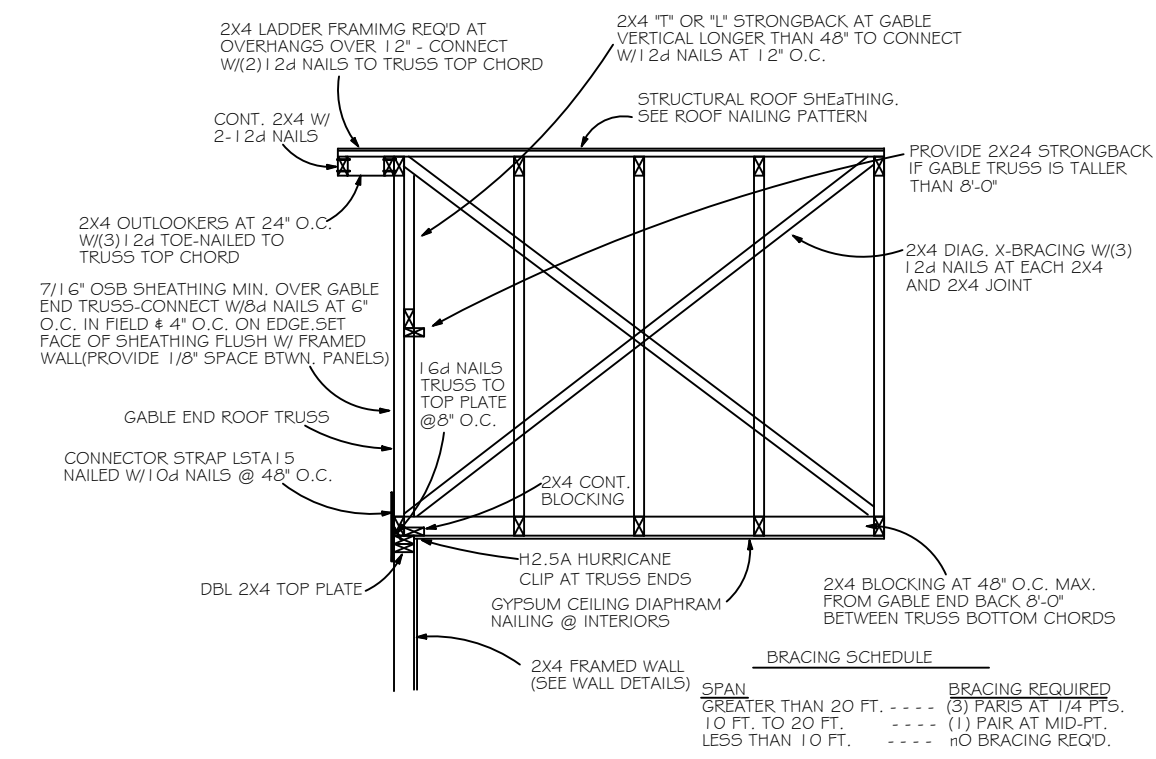
Double 1 3/4" x 11-1/4" LVL beam over opening up to 12'
Double 1 3/4" x 11-7/8" LVL beam over opening over 12' and up to 14'
Double 1 3/4" x 14" LVL beam over opening over 14' and up to 16' with 3 king
studs each end and 2 trimmers each end of beam. Fastened with 12d nails to
top plate and framing members.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



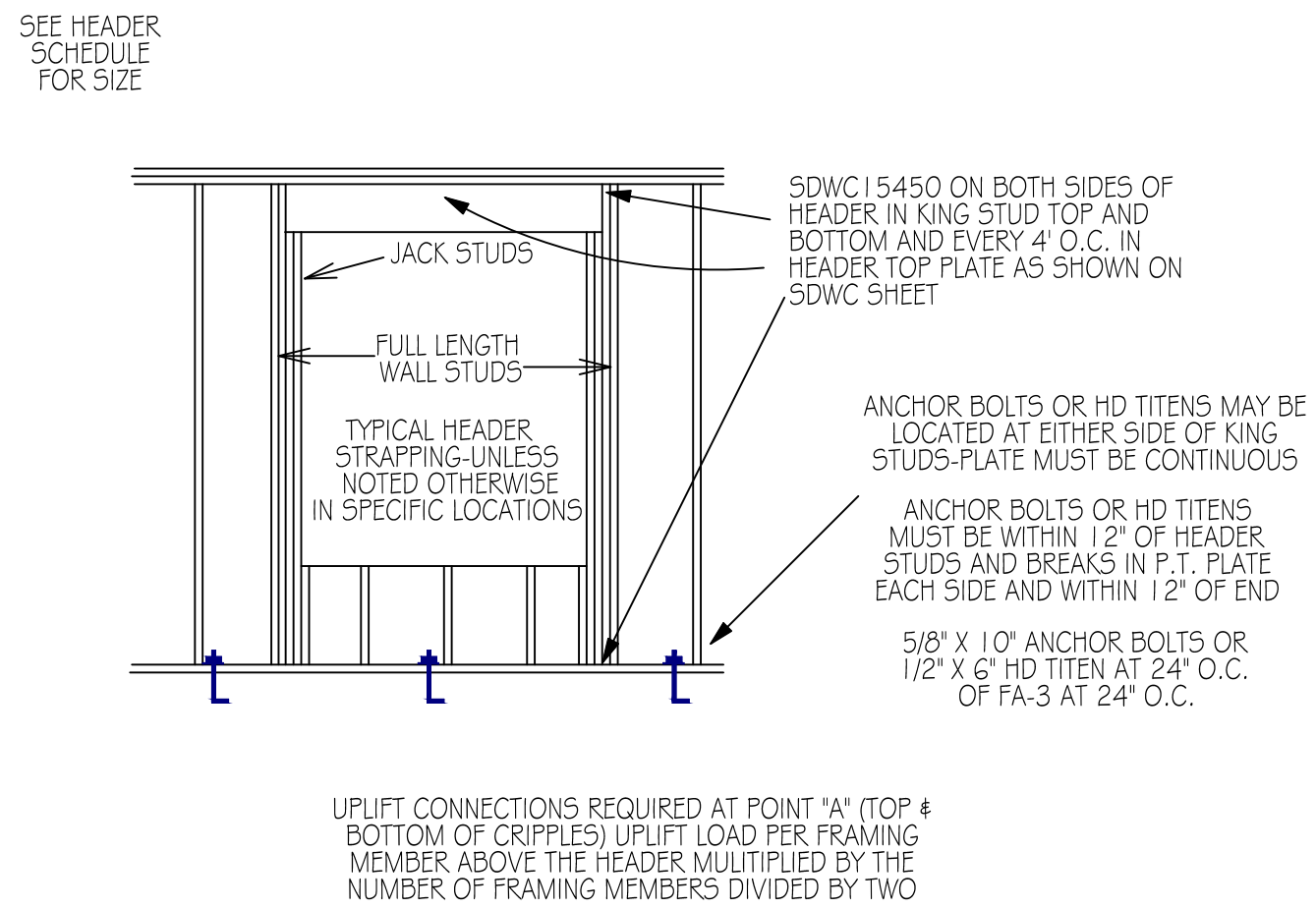
"AA" Windboard wall detail



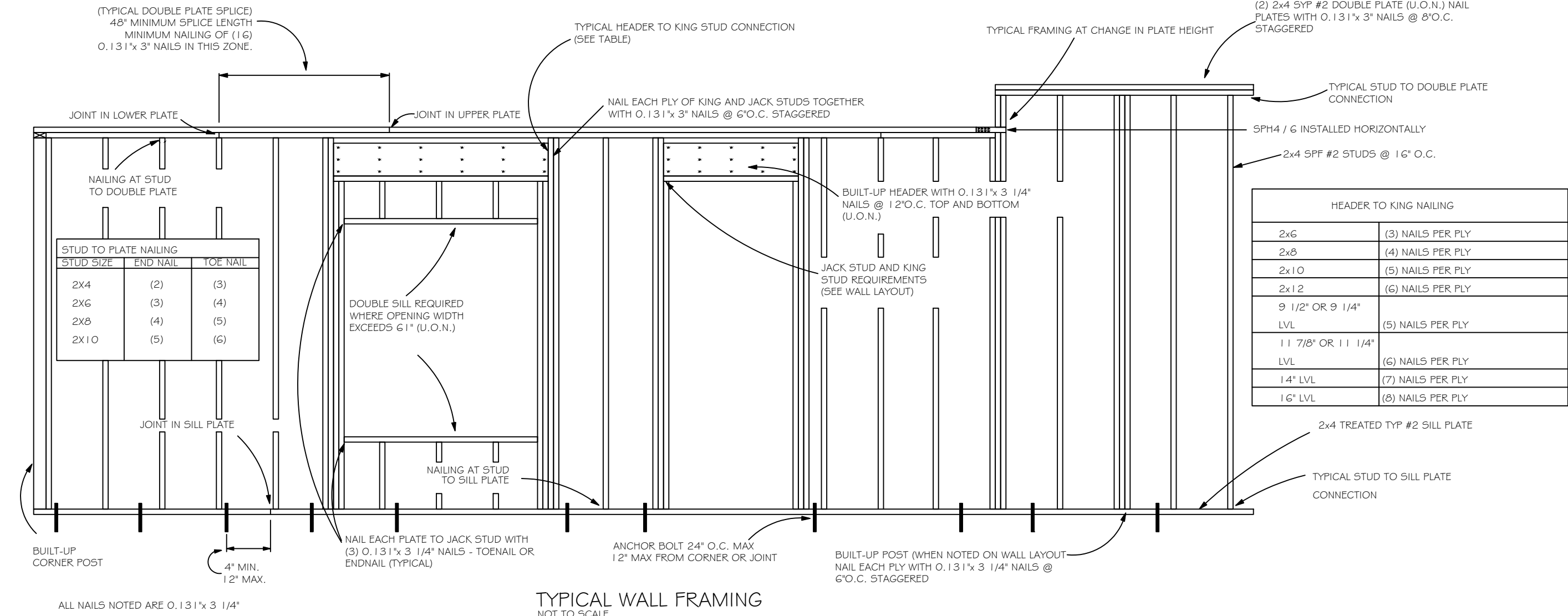
4" STUD EAVE



GABLE END BRACING NOT TO SCALE



SDWC HEADER STRAPPING (TYPICAL)



TYPICAL WALL FRAMING NOT TO SCALE

HEADER SCHEDULE

2X STUD CONTINUOUS TO TOP PLATE

HEADER - CONTINUOUS

2 - 2X STUDS UNDER LINTELS WITH OPENINGS LARGER THEN 5'-0"

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'
----	----	----	-----	-----	-----

NUMBER OF HEADER STUDS SUPPORTING END OF HEADER

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

NUMBER OF FULL LENGTH STUDS 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, dnQualifier=A0141 000000180463B4 E7500032FEE, cn=Carol Chadwick Date: 2024.06.05 12:19:51 -0400