

- DESIGN CODES:
2020 FLORIDA BUILDING CODE (FBC) - RESIDENTIAL
ASCE 7-10, 2005
NDS, ACI, ATC, AWP, APA, ICC 600-08

DL 5 PSF BOTTOM CHORD

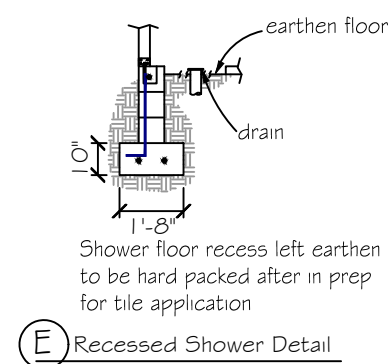
LL 20 PSF RAFTERS
LL 20 PSF CEILING JOISTS
DL 10 PSF RAFTERS
DL 10 PSF CEILING JOISTS
DL 30 PSF ATTICS WITH STORAGE
DL 10 PSF ATTICS W/O STORAGE

LL 40 PSF TOP CHORD
LL 0 PSF BOTTOM CHORD
DL 10 PSF TOP CHORD
DL 5 PSF BOTTOM CHORD

- NUMBER OF STORIES: 1

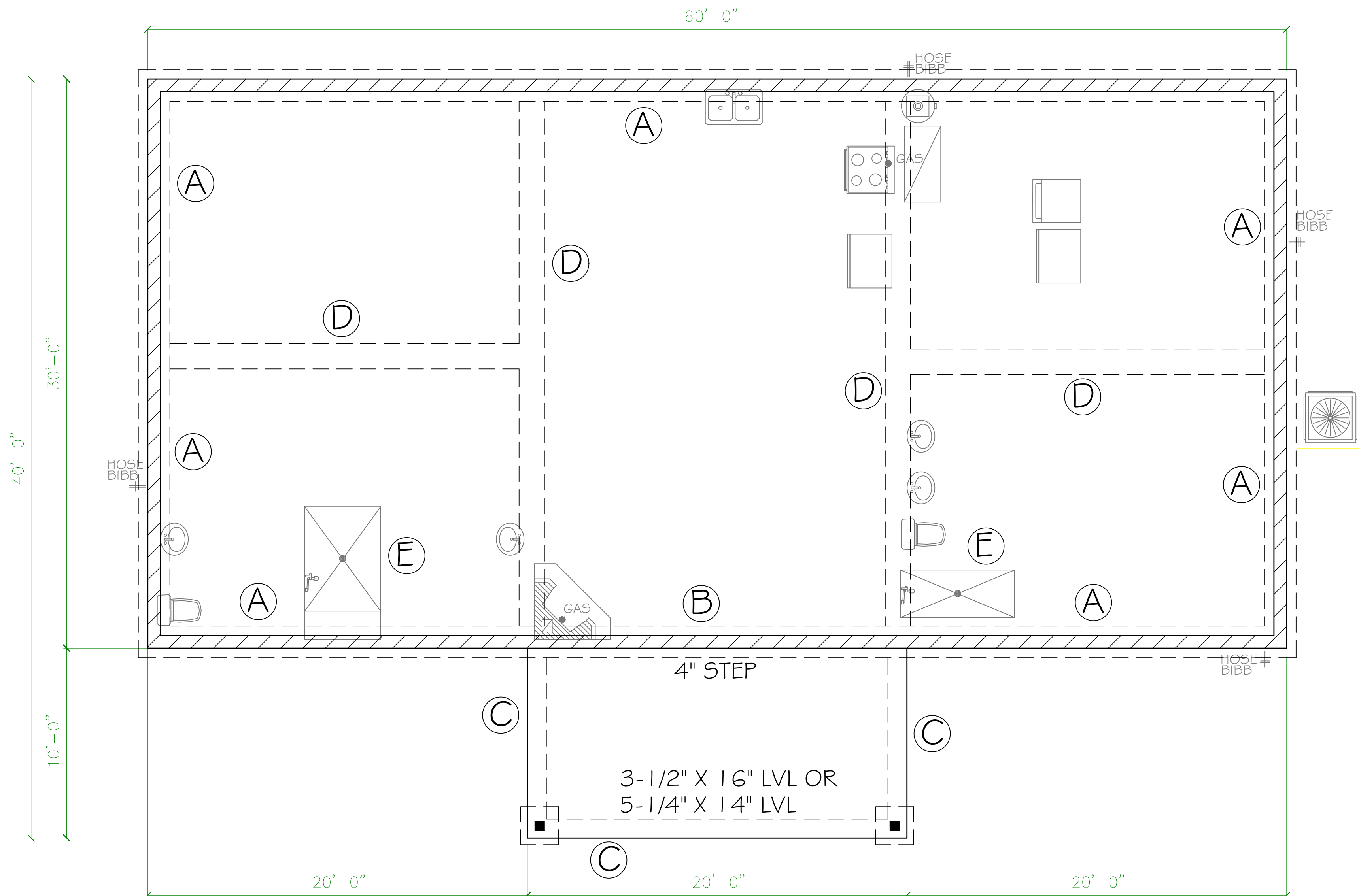
CONCLUSIONS

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



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 1/2" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY VAPOR BARRIER w/ 6" LAPS 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 PER PCB-RES. SECTION R403.1.4

FOUNDATION PLAN
SCALE: 1/4" = 1'



Digitally signed by Carol Chadwick
DN: c=US, o=Florida, dnQualifier=A014
10D0000017E86D
924CE0005954C,
cn=Carol Chadwick
Date: 2022.03.27
19:42:22 -04'00'

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

[illegible]

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CONTACT: PEGGY H. MACDANIEL

BELL RESIDENCE
FOUNDATION PLAN

PROJECT NO.	FL22094
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5-1

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

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)

SEE FIGURE R803.2.3.1, SECTION R803.1, 2017 FLORIDA
BUILDING CODE - RESIDENTIAL, SIXTH EDITION FOR ROOF
SHEATHING NAILING ZONES

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

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

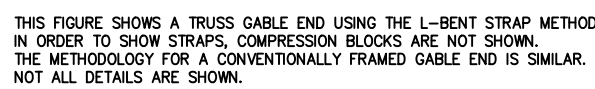
BUTTON CAP NAILS ARE USED TO FASTEN UNDERLAYMENT TO ROOF DECK

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



2x6 TREATED TYP #2 SILL PLATE



HEADER SCHEDULE

2x STUD CONTINUOUS TO TOP PLATE

HEADER - CONTINUOUS

2 - 2x STUDS UNDER INTELS WITH OPENINGS LARGER THEN 5/8"

MAXIMUM HEADER SPAN

3	6	9	12	15	16
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NUMBER OF HEADER STUDS (JACKS) SUPPORTING END OF HEADER

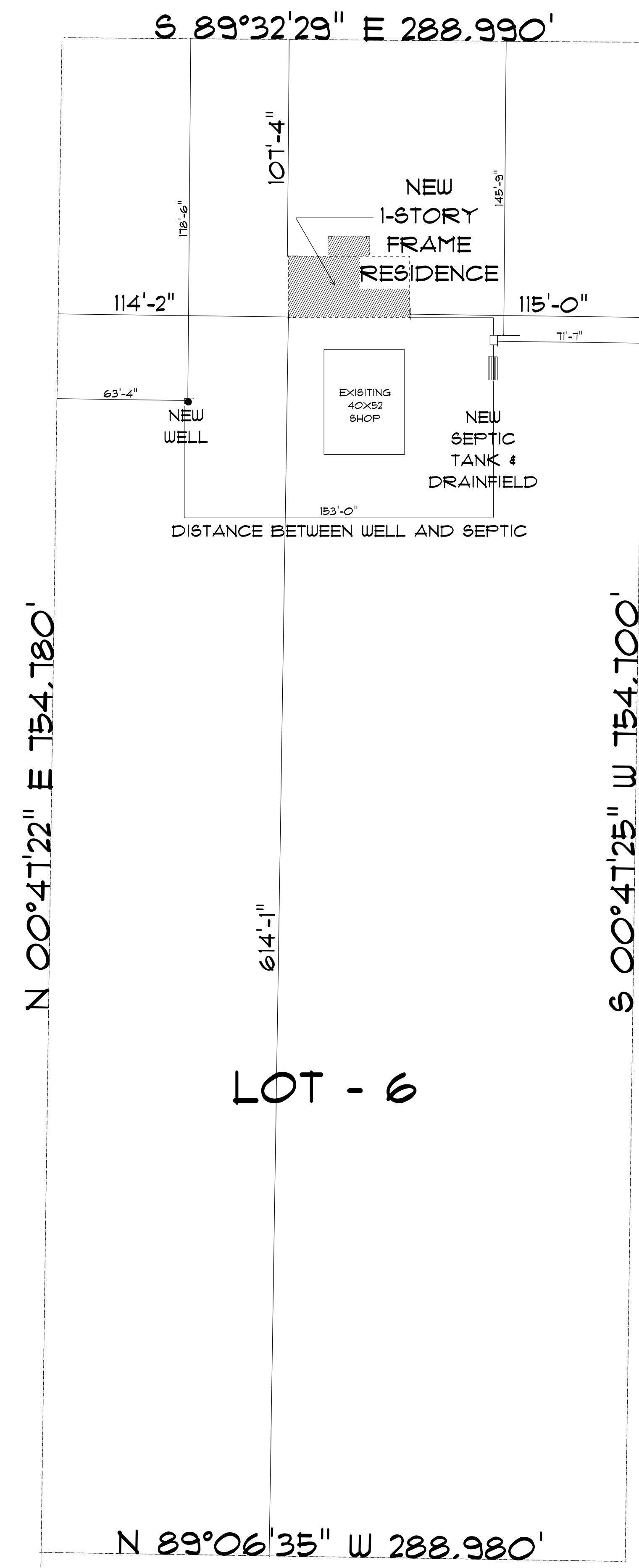
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NUMBER OF FULL LENGTH STUDS (KINGS) AT END OF HEADER

2	2	2	2	2	2
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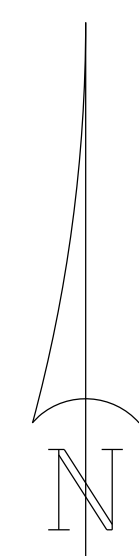
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Chadwick
Date: 2022.03.27 19:42:59 -04'00'

S.W. TOMMY LITES STREET



* SITE PLAN *

SCALE: 1" = 40'



RESIDENCE
for
PHILIP & TERA
BELL

Teena M. Ruffo
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PRINTED DATE:
Friday, March 25, 2022

DRAWN BY: Teena M. Ruffo CHECKED BY:

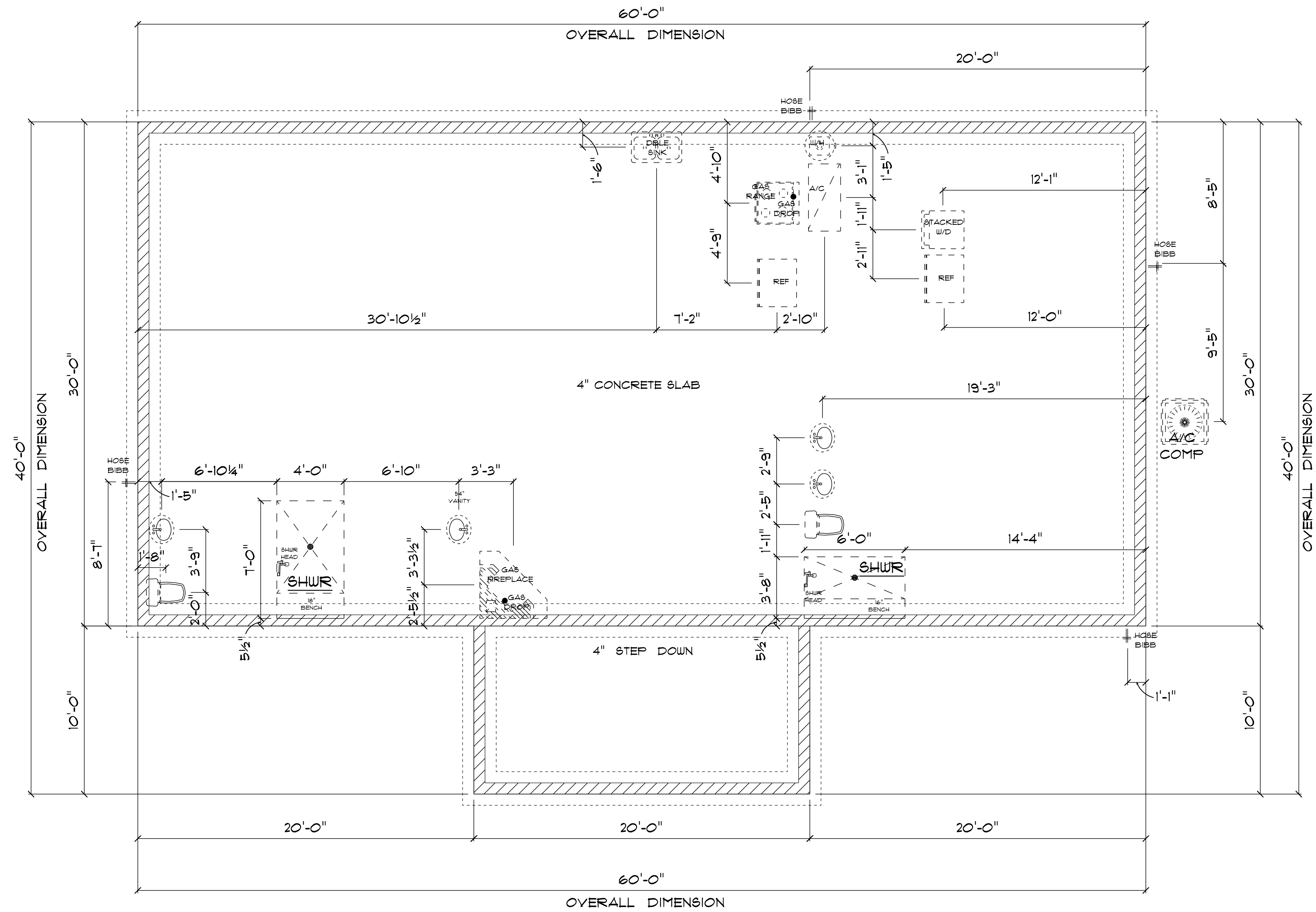
BUILDING CONTRACTOR
REED/McDANIEL CONSTRUCTION

FINAL DATE:

JOB NUMBER:

DRAWING NUMBER
A-1

OF 6 SHEETS



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.

* PLUMBING/FOUNDATION
PLAN *
SCALE : 1/4" = 1'-0"

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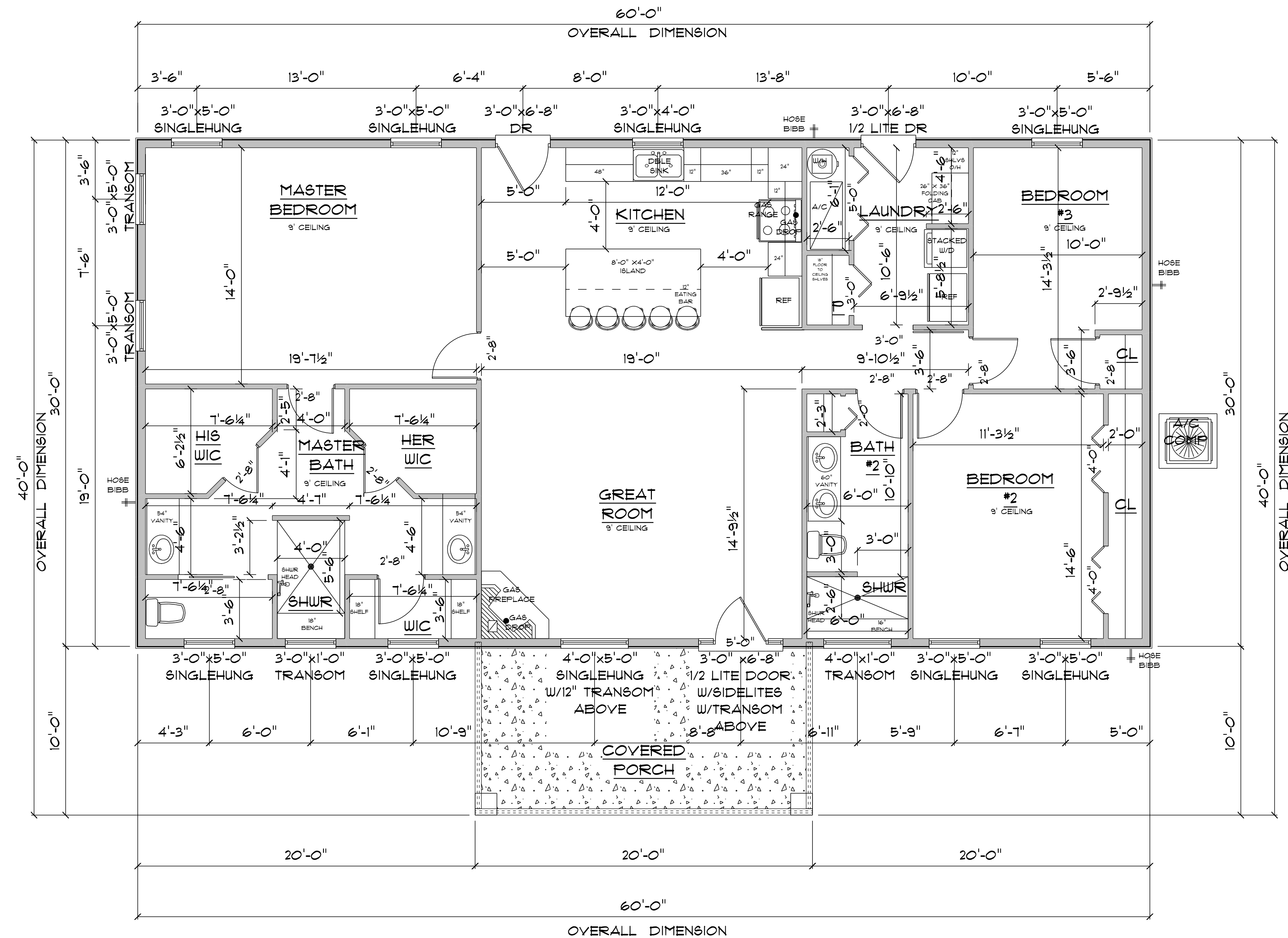
FINAL DATE:

JOB NUMBER:

DRAWING NUMBER

A-2

OF 6 SHEETS



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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 ARE 2X6 FRAME.
4. ALL INTERIOR DOORS 6'-8".

* FLOOR PLAN *

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

A/C LIVING AREA	=	1800 S.F.
COVERED FRONT PORCH	=	185 S.F.
TOTAL AREA UNDER ROOF	=	1985 S.F.

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for
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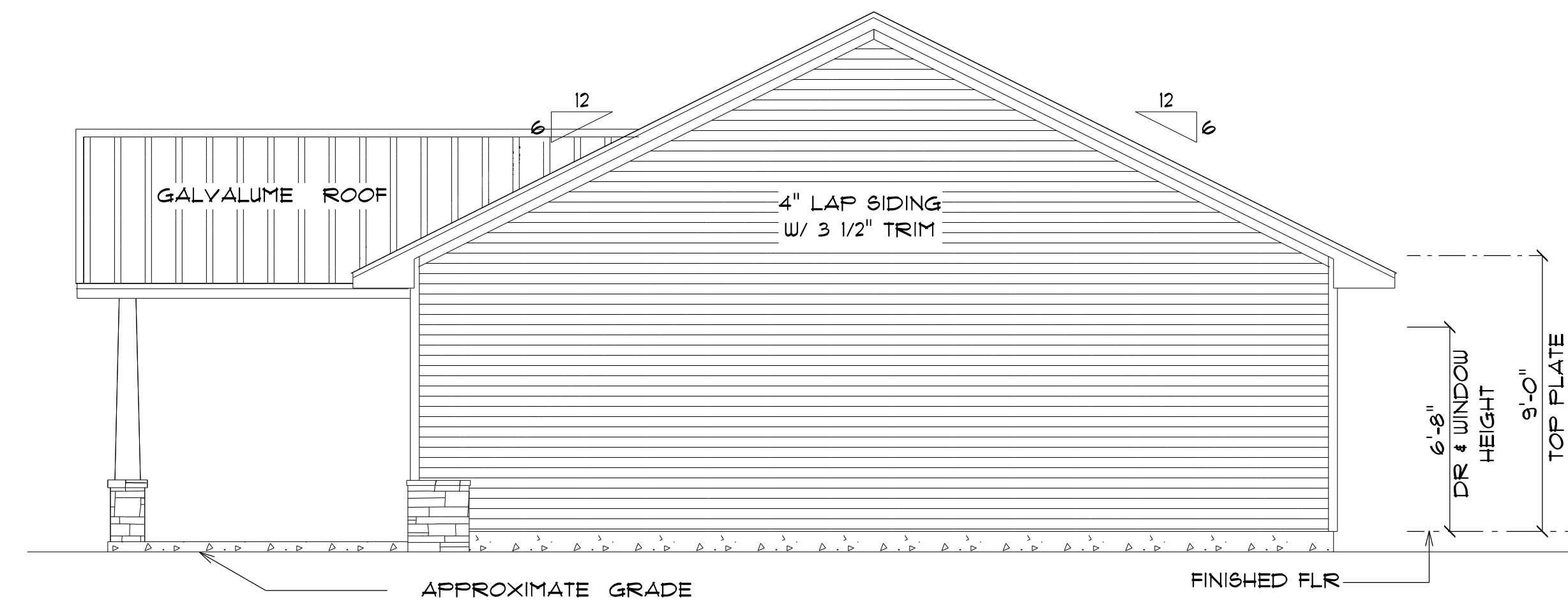
A-3

OF 6 SHEETS



* FRONT ELEVATION *

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



* RIGHT ELEVATION *

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

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BUILDING CONTRACTOR
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FINAL DATE:

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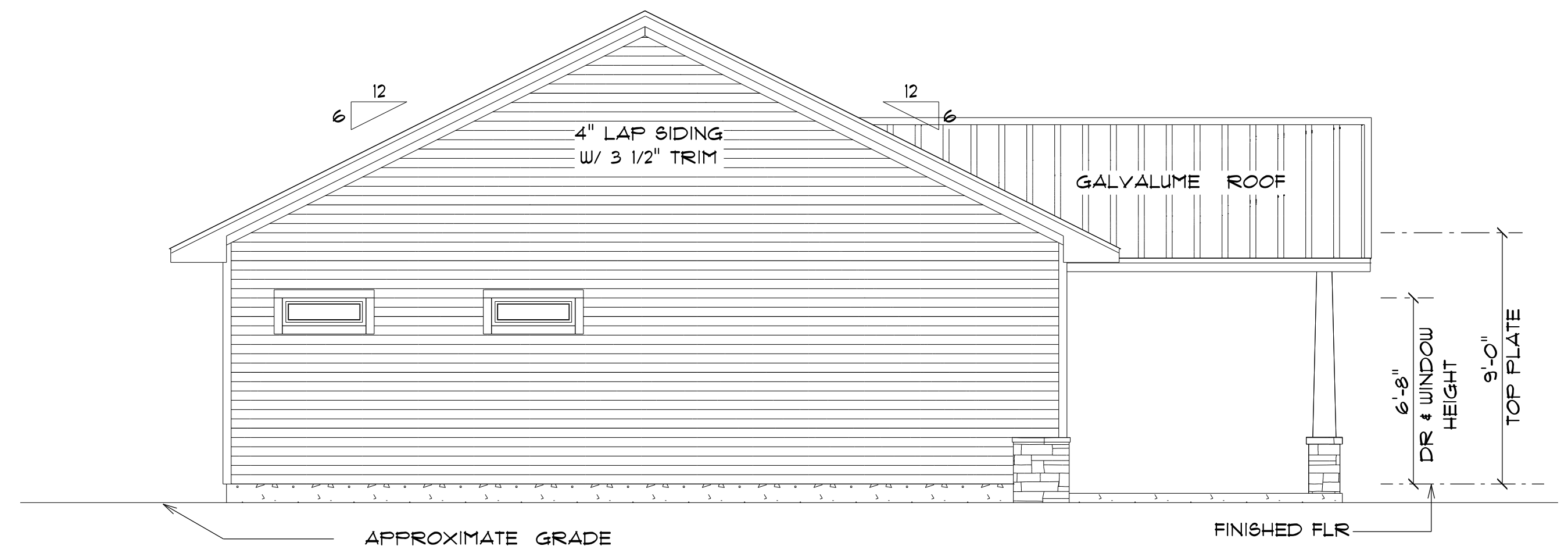
A-4

OF 6 SHEETS



* REAR ELEVATION *

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



* LEFT ELEVATION *

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

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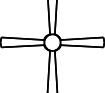
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JOB NUMBER:

DRAWING NUMBER

A-5

OF 6 SHEETS

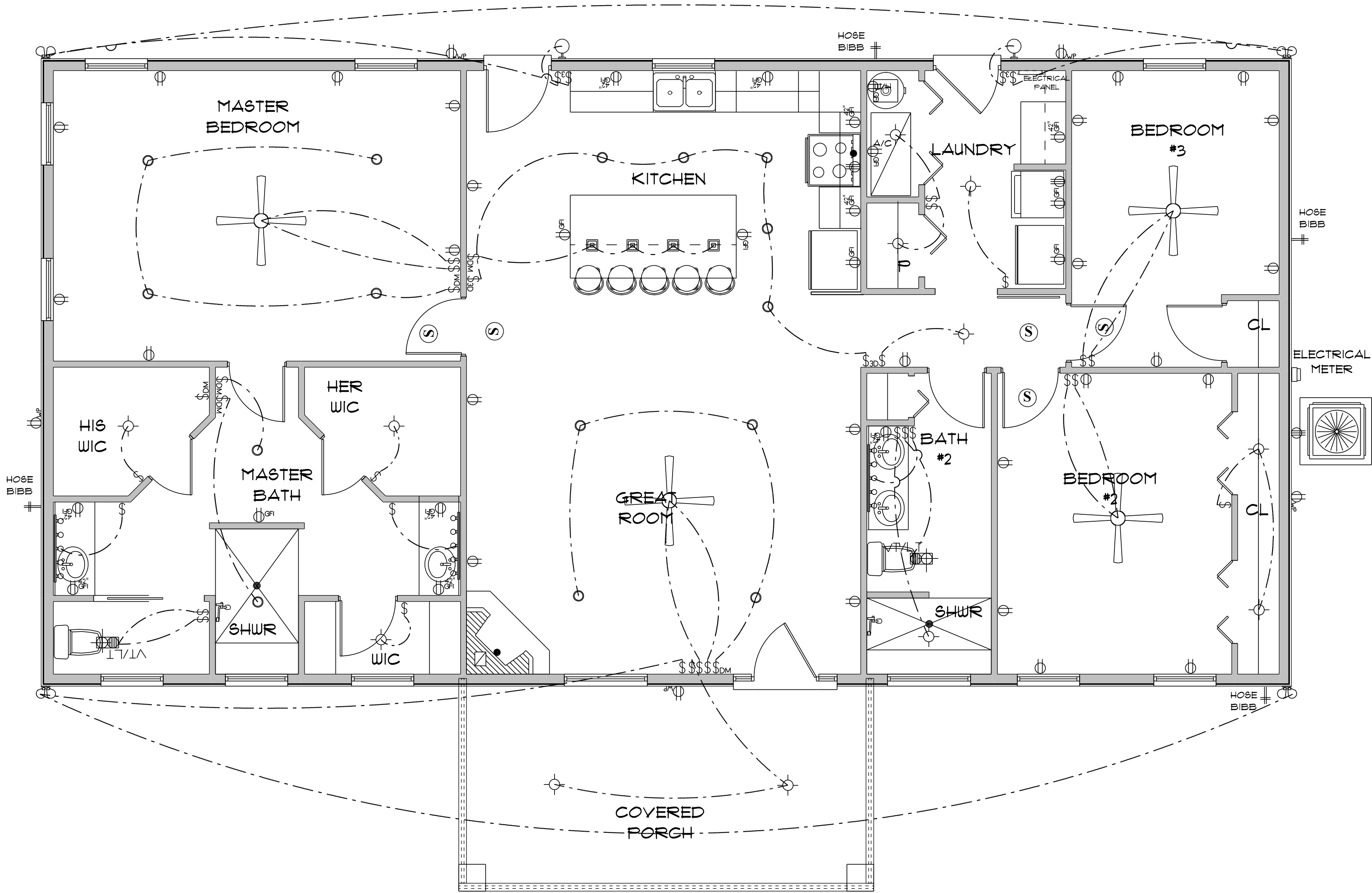
ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan globe 01	4	
pendant large	4	
pot light	15	
exterior light 10	2	
spotlight double	4	
Smoke Detector	5	
electrical panel	1	
dimmer switch	6	
dimmer switch 3-way	2	
light	12	
outlet	26	
outlet 220v	3	
outlet gfi	18	
outlet wp	5	
switch	27	
switch 3 way	2	
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.



* ELECTRIC PLAN *

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

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A-6

OF 6 SHEETS