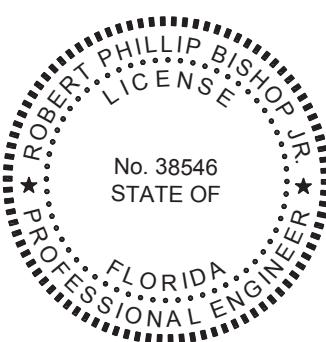
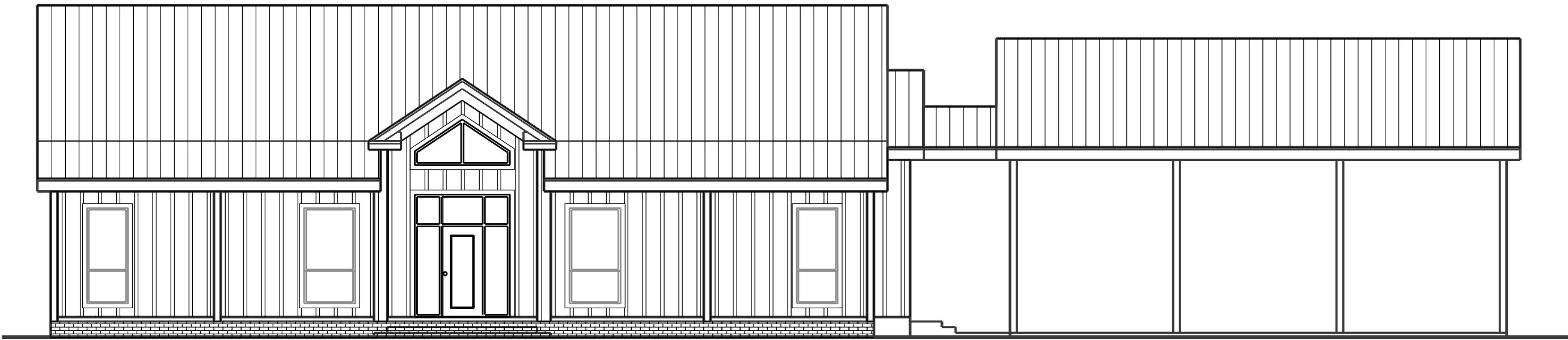


CONSTRUCTION DRAWINGS FOR THE BISHOP RESIDENCE



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND
SEALED BY:

ON THE DATE ADJACENT TO THE SEAL
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NORTH FLORIDA PROFESSIONAL SERVICES, INC.
P.O. BOX 3823
LAKE CITY, FL 32056
CERTIFICATE OF AUTHORIZATION: 29011
ROBERT PHILLIP BISHOP, JR., P.E. NO. 38546

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.
SEE SHEET INDEX THIS PAGE

PLANS PREPARED FOR
MICHAEL & SHANNON BISHOP
LAKE CITY, FLORIDA 32024

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REVISIONS	DATE	DESCRIPTION	PLANS PREPARED BY:	JOB NUMBER:	COVER SHEET	SHEET NO.
			R. P. (PHIL) BISHOP, JR. 210 SW GERTRUDIS DRIVE LAKE CITY, FL 32024 (386) 397-3825	EOR: ROBERT P. BISHOP P.E. NO.: 38546		C1

GENERAL CONSTRUCTION NOTES

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DETAILS SHOWN. NOTIFY THE ENGINEER OF ANY CHANGES OR MODIFICATIONS TO THE PLANS.
2. ALL PRE-FABRICATED BUILDING ELEMENTS SHALL BE DESIGNED, FABRICATED AND ERECTED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, SPECIFICATIONS AND REGULATIONS AND TO SUPPORT LOADS INDICATED IN THE STRUCTURAL DESIGN NOTES AND ANY CONCENTRATED LOADS. ALL REQUIRED BRACING (TEMPORARY AND PERMANENT) SHALL BE DESIGNED AND NOTED ON ERECTION DRAWINGS BY THE MANUFACTURER. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF ALL PRE-FABRICATED ELEMENTS FOR REVIEW AND APPROVAL BY THE ENGINEER OF RECORD.
3. ALL FRAMING LUMBER SHALL BE SET AND SPACED AS INDICATED, SECURELY ATTACHED, NAILED, BRIDGED AND BLOCKED TO FORM A RIGID STRUCTURE. ALL WORK IS TO BE SECURELY SET, INCLUDING ANCHORING TO MASONRY AND CONCRETE.
4. PROVIDE BLOCKING, NAILERS, PLATES AND OTHER MISCELLANEOUS WHERE SHOWN AND REQUIRED. SECURELY FASTEN BLOCKING IN PLACE. PLACE BOLTS IN CONCRETE, MASONRY AND STEEL FOR THE FASTENING OF BLOCKING AND PLATES WHERE SHOWN AND/OR REQUIRED.
5. ALL WOOD OR METAL STUDS SHALL BE SPACED AT 16" O.C., UNLESS OTHERWISE NOTED ON THE PLANS, WITH A SINGLE SOLE PLATE, DOUBLE TOP PLATE AND A CONTINUOUS ROW OF SOLID GIRTS AT THE CENTER OF HEIGHT. ALL OPENINGS SHALL HAVE WOOD NAILERS AT EACH JAMB AND HEADER.
6. ALL WALLS AND OTHER STRUCTURAL MEMBERS SHALL BE TEMPORARILY BRACED UNTIL PERMANENT BRACING IS IN PLACE.
7. ALL WINDOW AND DOOR HEADERS WITH A MAXIMUM SPAN OF 6'-0" IN A NON-LOAD BEARING STUD WALL SHALL BE 2 ~ 2x6 HEADERS FOR 4" WALLS.

STRUCTURAL NOTES

STRUCTURAL DESIGN CRITERIA

1. ALL WORK HAS BEEN DESIGNED FOR THE FOLLOWING LOADS AND SPECIFICATIONS APPLIED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FLORIDA BUILDING CODE AND ACI 318.
2. DESIGN LOADS: RISK CATEGORY II
 - 2.1 DEAD LOAD(FLOOR)= 5.0 PSF (MIN.)
 - 2.2 LIVE LOAD(FLOOR)= 60 PSF (MIN.)
 - 2.3 DEAD LOAD(ROOF)= 5.0 PSF (MIN.)
 - 2.4 LIVE LOAD(ROOF)= 20 PSF (MIN.)
 - 2.5 WIND LOAD = 120 MPH

CONCRETE NOTES

1. SOIL BEARING= 2500 PSF (MINIMUM)
2. FILL AND COMPACTION:

ALL FILL MATERIAL SHALL BE CLEAN, WELL DRAINED SAND WITH NOT MORE THAN 10% PASSING THE No. 200 STANDARD SIEVE. ALL FILL MATERIAL SHALL BE COMPAKTED TO 95% OF THE MODIFIED MAXIMUM DRY DENSITY AS DETERMINED BY ASTM T-180.
3. CONCRETE COMPRESSIVE STRENGTH AND SLUMP:

THE MINIMUM 28-DAY COMPRESSIVE STRENGTH AND SLUMP OF CONCRETE SHALL BE AS FOLLOWS:

FOUNDATIONS AND FLOOR SLAB:	fc' = 4000 PSI	SLUMP: 2"-5"
SIDEWALKS AND CONCRETE PAVEMENT:	fc' = 2500 PSI	SLUMP: 3"-6"

ALL CONCRETE SHALL BE MIXED IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 315 AND ACI 318.
4. REINFORCING STEEL:

ALL LAP SPLICES SHALL BE A MINIMUM OF 24" OR AS SPECIFIED ON THE PLANS.

REINFORCING STEEL BARS - ASTM A-615 GRADE 40

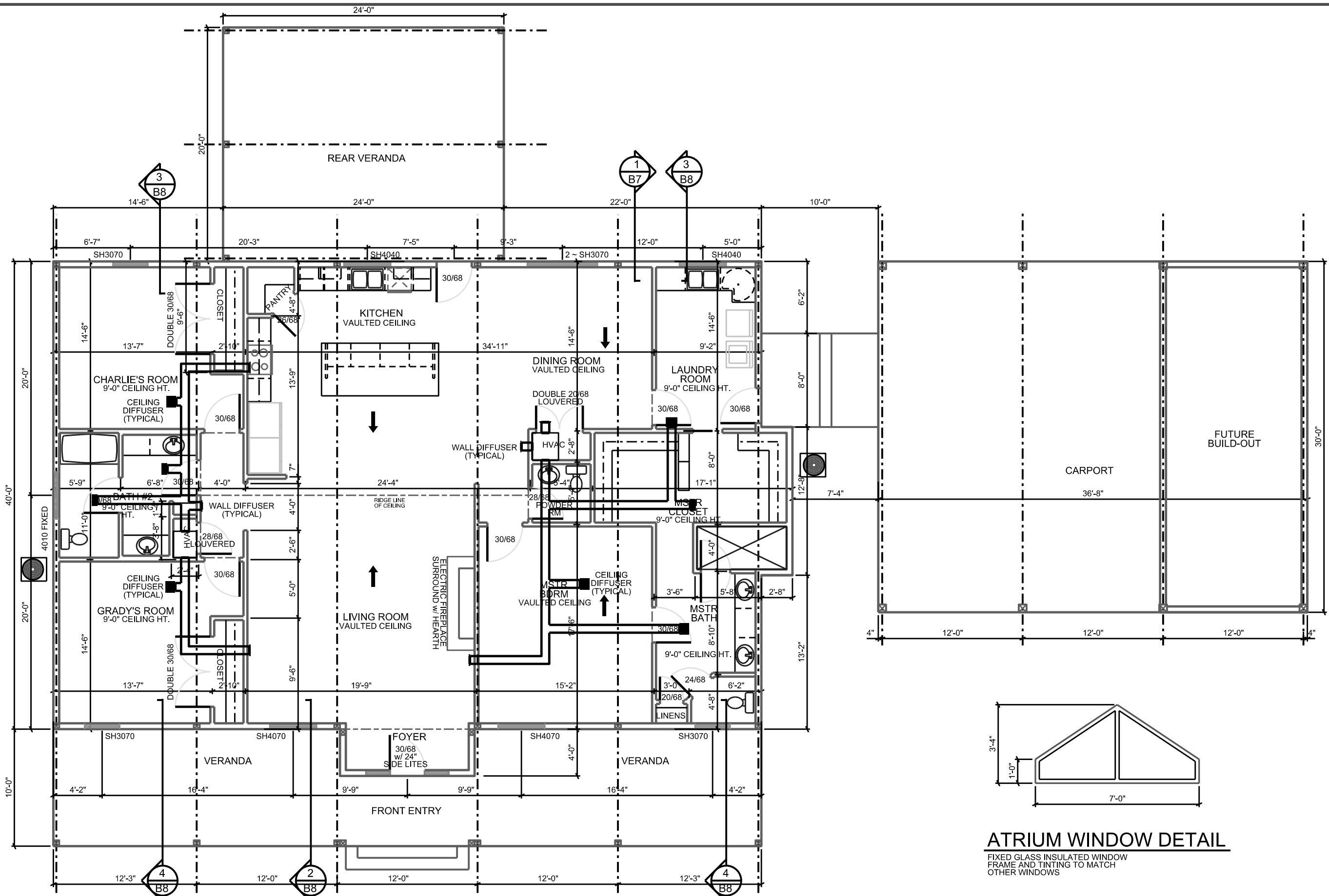
WELDED WIRE FABRIC - ASTM A-185
5. UNLESS OTHERWISE NOTED ON THE PLANS, ALL SLABS ON GRADE SHALL BE REINFORCED WITH ONE LAYER OF 6X6X10/10 WELDED WIRE FABRIC PLACED AT 1/3 THE THICKNESS OF THE SLAB FROM THE BOTTOM OF THE SLAB.

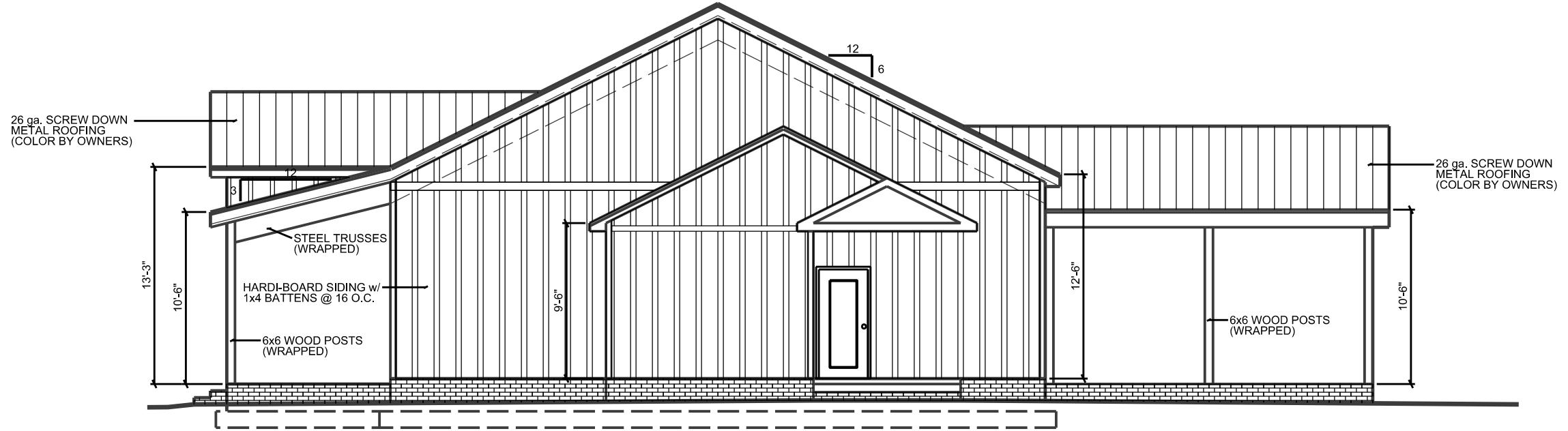
ARCHITECTURAL NOTES

1. ALL DRYWALL SHALL BE 1/2" GYPSUM WALLBOARD UNLESS OTHERWISE NOTED ON THE DRAWINGS.
2. ALL CONSTRUCTION, EQUIPMENT AND FINISHES SHALL MEET OR EXCEED ALL LOCAL CODES, FLORIDA BUILDING CODE (2023), NFPA 101 LIFE SAFETY CODE AND ALL OTHER GOVERNING CODES AND REVISIONS.
3. ALL INTERIOR STUD WALLS ARE TO BE OF 2X4 STUDS (SPF) @ 16" O.C. UNLESS OTHERWISE NOTED ON THE PLANS. EXTERIOR STUD WALLS ARE TO BE 2X6 STUDS (SPF) @ 16" O.C. UNLESS OTHERWISE NOTED ON THE PLANS.
4. ROOF SLOPES SHALL BE AS NOTED ON THE PLANS. METAL ROOFING, UNDERLAYMENT, FLASHING, DIP MOLDING AND VENTILATION SHALL BE AS SPECIFIED BY THE ROOFING MANUFACTURER.
5. DO NOT USE ANY MATERIALS CONTAINING ASBESTOS.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DETAILS SHOWN AND NOTIFY THE ENGINEER OF ANY CHANGES OR MODIFICATIONS.
7. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO INSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED AND ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SUCH DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.
8. ANY WOOD OR TIMBER THAT COMES IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
9. SEE STRUCTURAL DRAWINGS FOR ALL SIZES, SHAPES AND CONDITIONS OF ALL STRUCTURAL MEMBERS, CONNECTIONS FOOTINGS, BRACING, AND REINFORCING
10. ALL INTERIOR FINISHES SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE AND LIFE SAFETY CODE, SECTION 6-5.1.5.
11. ALL FLOOR FINISHES SHALL BE LEVEL AND SHALL AVOID ANY CHANGES IN ELEVATION GREATER THAN 1/2" INCLUDING DOOR THRESHOLDS AND STEP DOWNS AT EXTERIOR AND INTERIOR DOORS.
12. FOUNDATION WATER-PROOFING AND MOISTURE BARRIER TO CONSIST OF 6-MIL PLASTIC POLYETHYLENE. ALL LAPS SHALL BE A MINIMUM OF 12".
13. FINAL LOCATION, SIZE AND PLACEMENT OF ALL PLUMBING, ELECTRICAL AND MECHANICAL COMPONENTS SHALL BE DETERMINED BY A LICENSED ELECTRICAL OR MECHANICAL CONTRACTOR IN ACCORDANCE WITH CHAPTER 471.003 2(i).
14. THE HEATING, AIR CONDITIONING AND VENTILATING SYSTEM SHALL CONSIST OF TWO SPLIT UNITS (DESIGNED BY OTHERS) AND SHALL BE IN ACCORDANCE THE LATEST EDITION OF THE ENERGY DEPARTMENT OF COMMUNITY AFFAIRS. THE MECHANICAL CONTRACTOR SHALL PREPARE THE MANUAL J FORM AND THE ENERGY EFFICIENCY WORKSHEET FOR THE BUILDING PERMIT APPLICATION.

SQUARE FOOTAGE	
LIVING AREA	2,500 SF
FRONT PORCH	559 SF
REAR VERANDA	480 SF
DETACHED CARPORT	1,095 SF
UNDER ROOF	4,634 SF

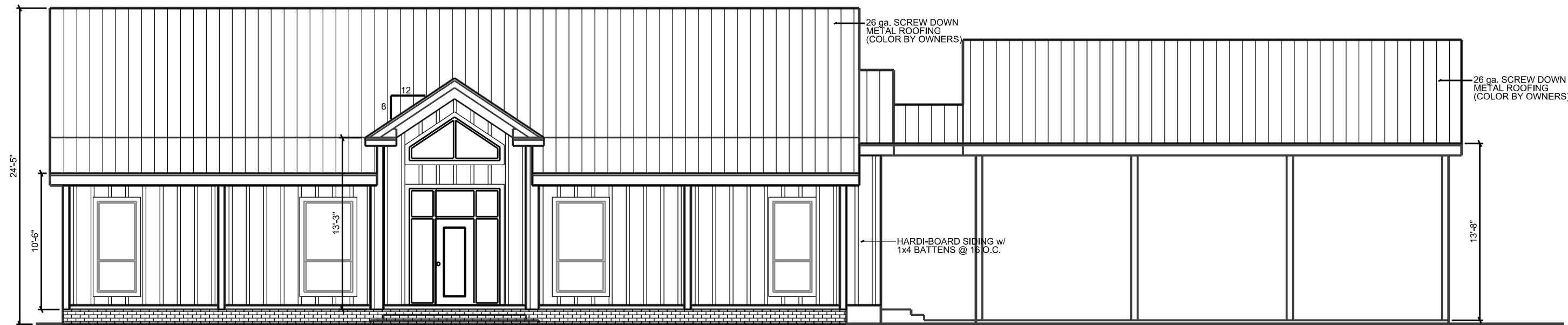
REVISIONS	PLANS PREPARED BY:	JOB NUMBER:	GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	EOR:		
	R. P. (PHIL) BISHOP, JR. 210 SW GERTRUDIS DRIVE LAKE CITY, FL 32024 (386) 397-3825	P.E. NO.: 38546		





RIGHT SIDE ELEVATION

MAIN HOUSE ONLY



FRONT ELEVATION

REVISIONS	DESCRIPTION
DATE	

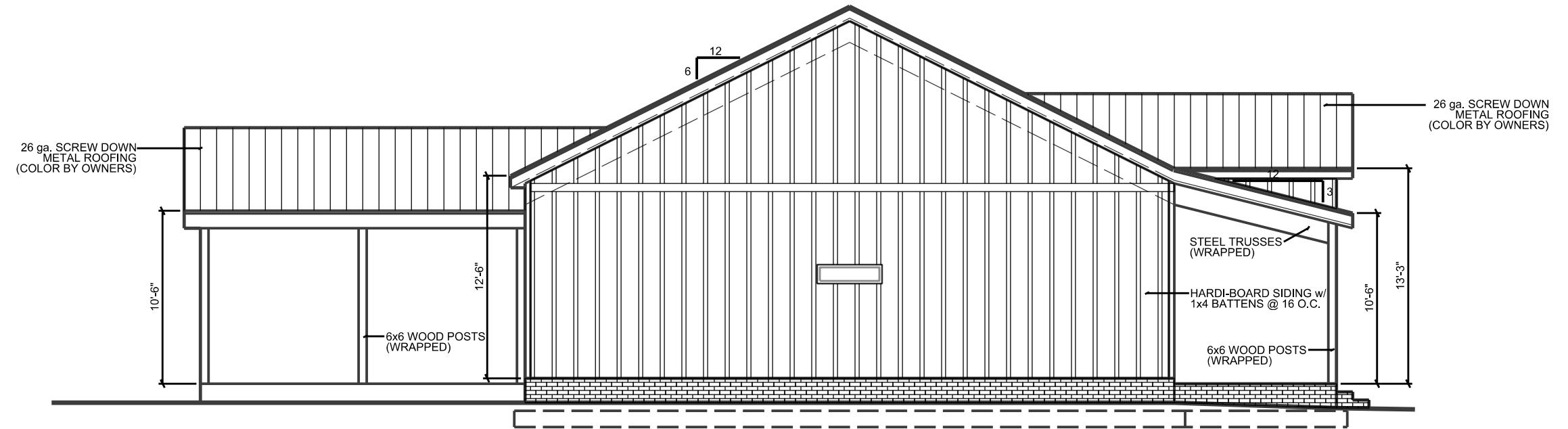
PLANS PREPARED BY:
 R. P. (PHIL) BISHOP, JR.
 210 SW GERTRUDIS DRIVE
 LAKE CITY, FL 32024
 (386) 397-3825

JOB NUMBER:
 EOR:
 ROBERT P. BISHOP
 P.E. NO.:
 38546

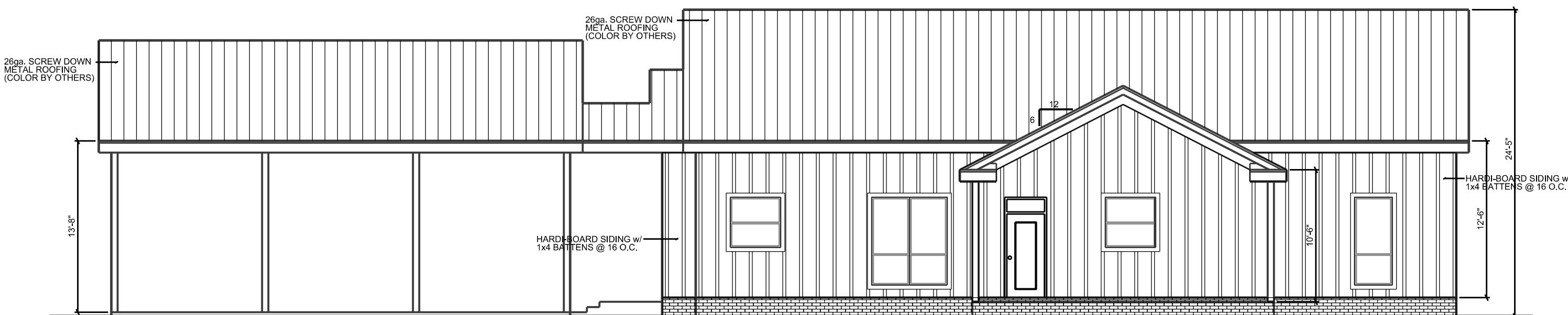
FRONT ELEVATION

SHEET NO.

B2



LEFT SIDE ELEVATION



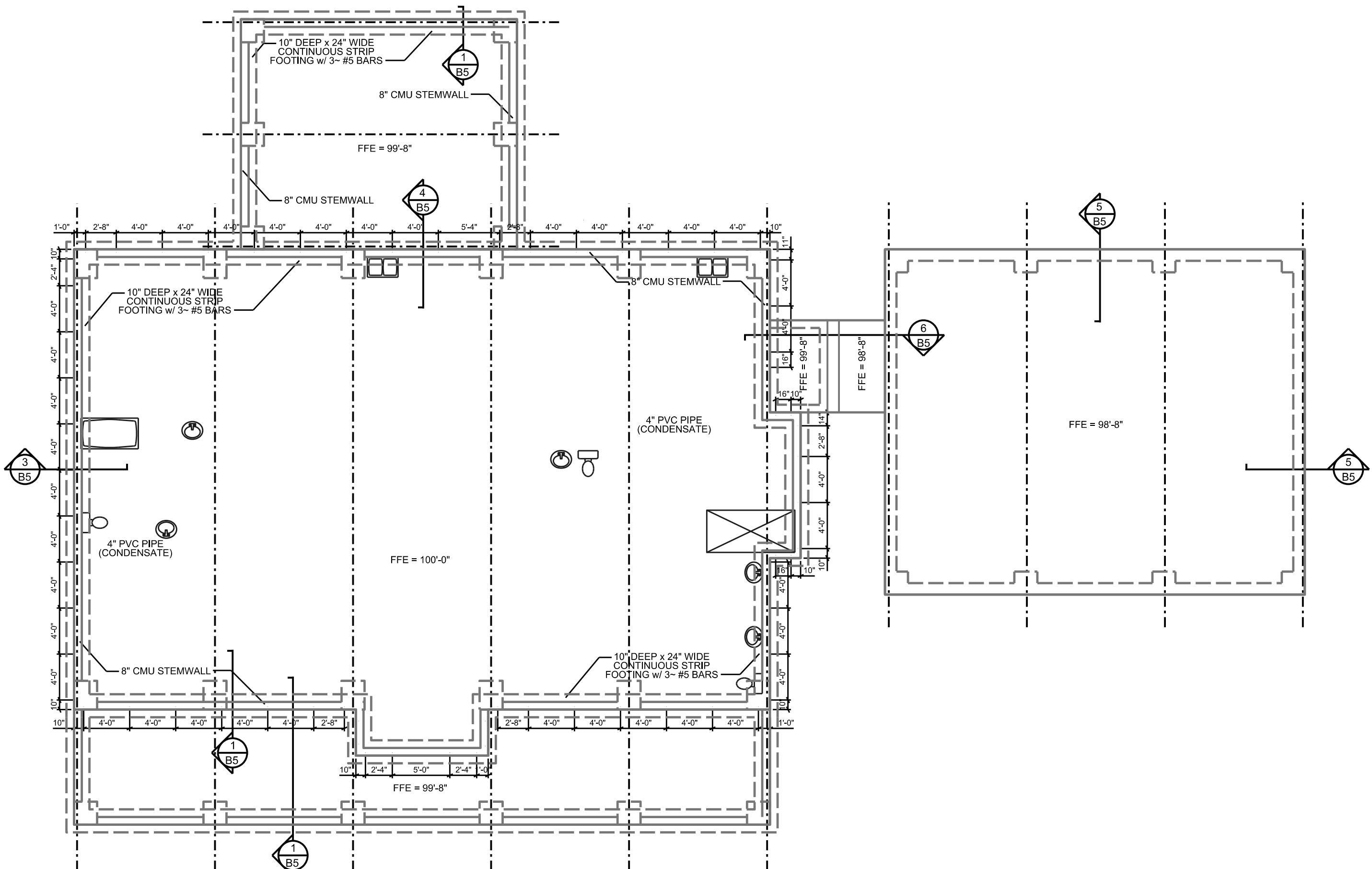
REAR ELEVATION

REVISIONS	
DATE	DESCRIPTION

PLANS PREPARED BY:
 R. P. (PHIL) BISHOP, JR.
 210 SW GERTRUDIS DRIVE
 LAKE CITY, FL 32024
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JOB NUMBER:
 EOR:
 ROBERT P. BISHOP
 P.E. NO.:
 38546

ELEVATIONS



REVISIONS	
DATE	DESCRIPTION

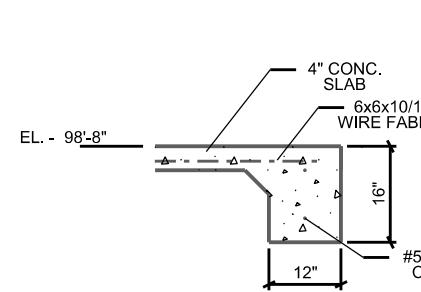
PLANS PREPARED BY
R. P. (PHIL) BISHOP, JR.
210 SW GERTRUDIS DRIVE
LAKE CITY, FL 32024
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JOB NUMBER
EOR:
ROBERT P
P.E. NO.:
38546

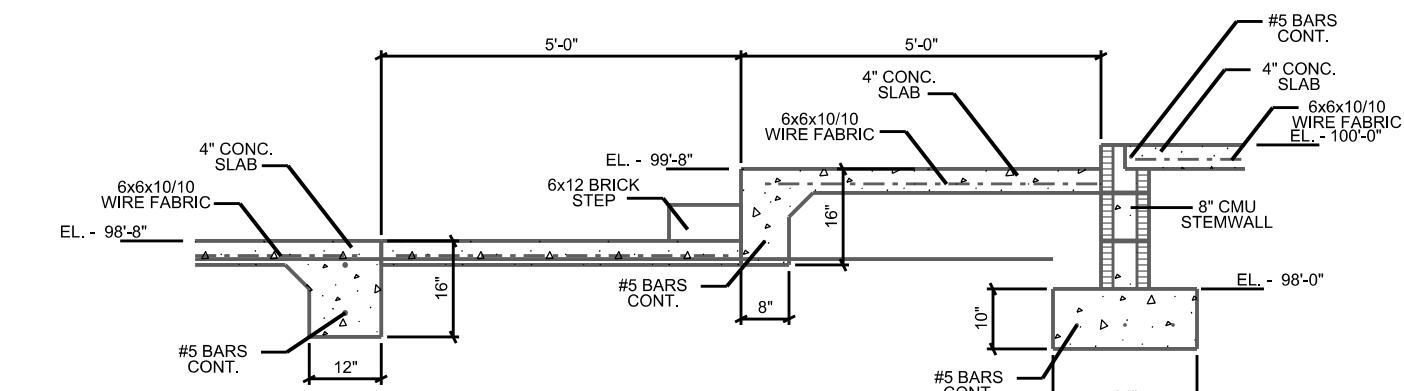
FOUNDATION PLAN

**SHEET
NO.**

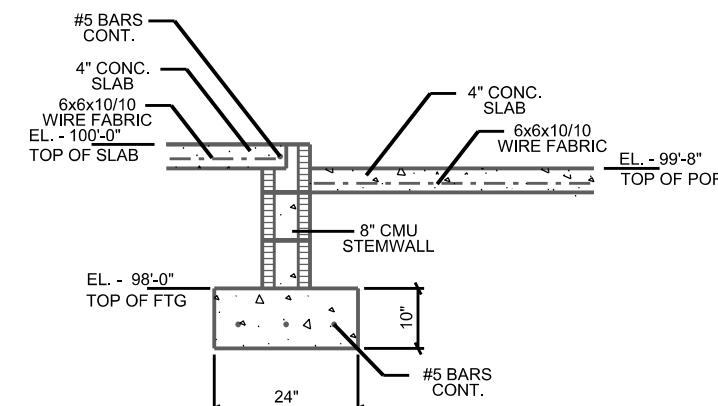
B4



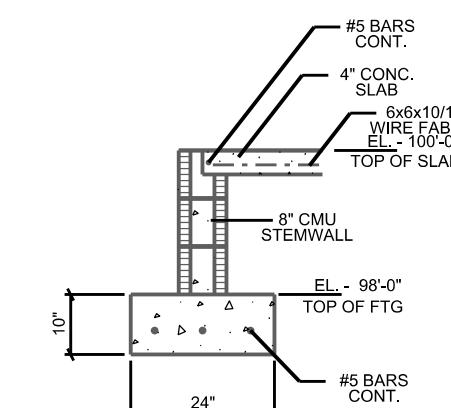
CARPORT FOOTING



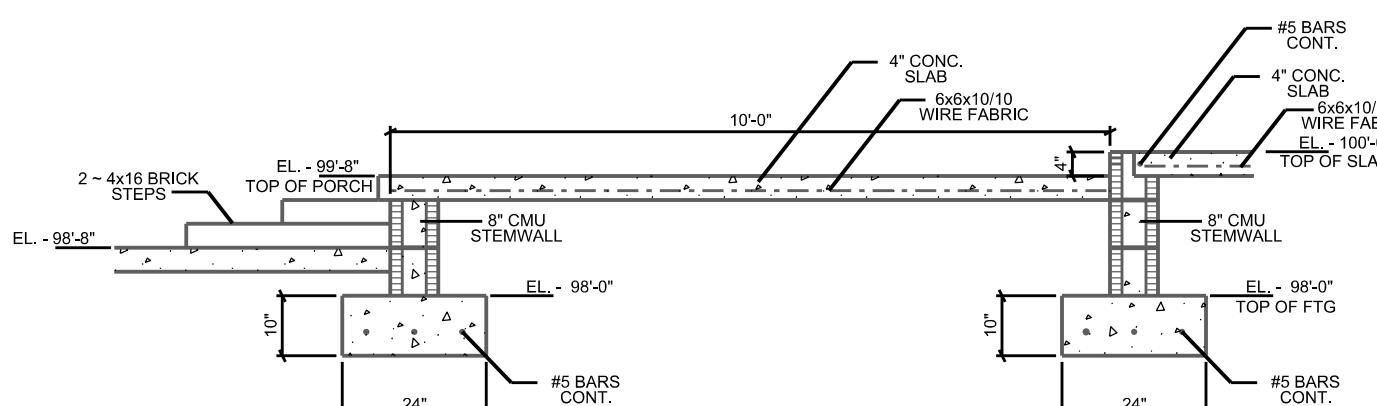
SIDE PORCH DETAIL



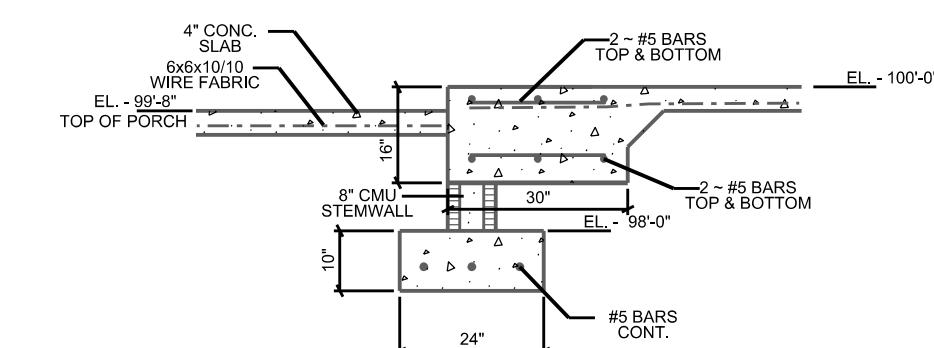
REAR VERANDA DETAIL



REAR VERANDA DETAIL



FRONT PORCH DETAIL



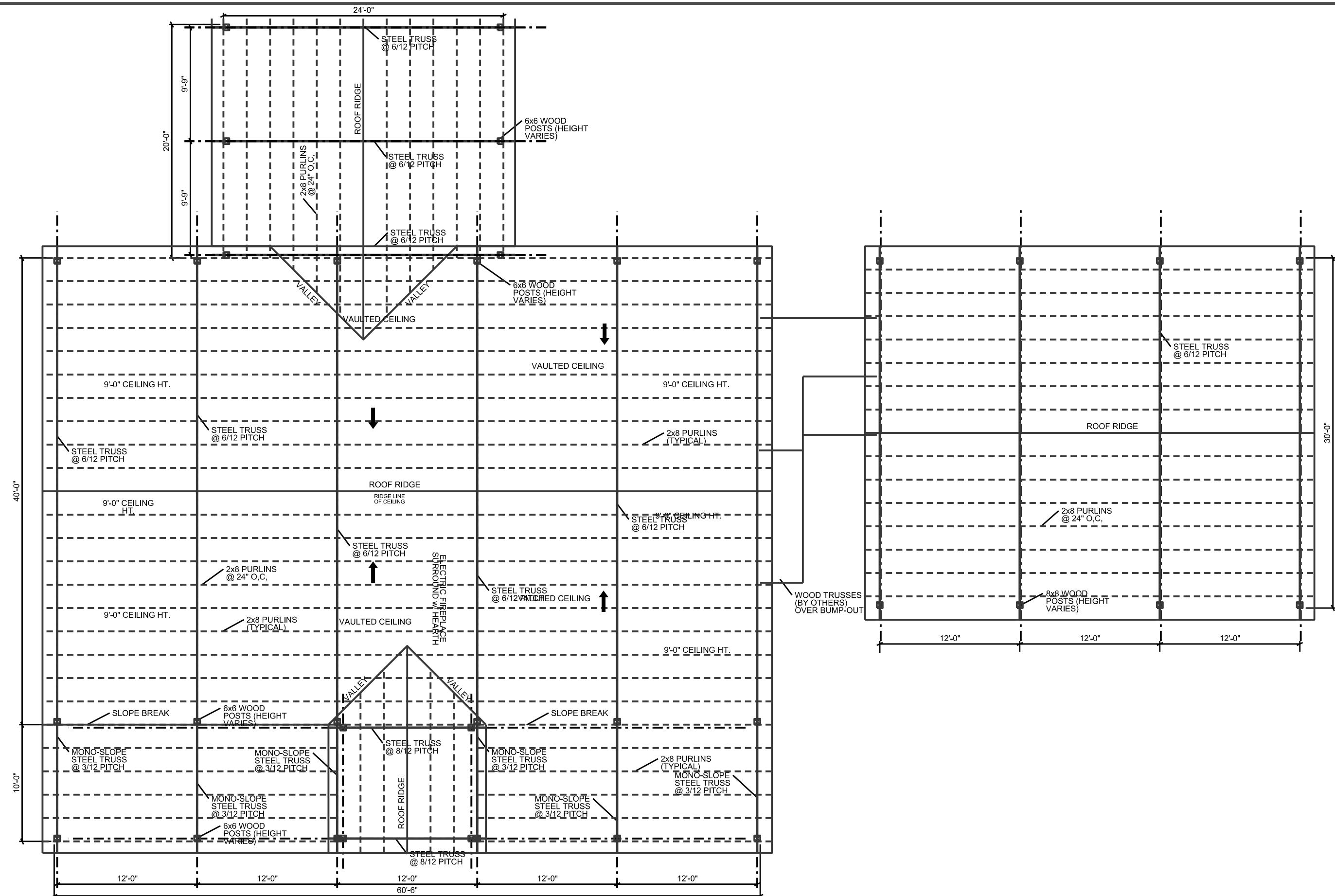
POST FOOTING DETAIL

REVISIONS	DATE	DESCRIPTION

PLANS PREPARED BY:
R. P. (PHIL) BISHOP, JR.
210 SW GERTRUDIS DRIVE
LAKE CITY, FL 32024
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JOB NUMBER:
EOR:
ROBERT P. BISHOP
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FOUNDATION DETAILS

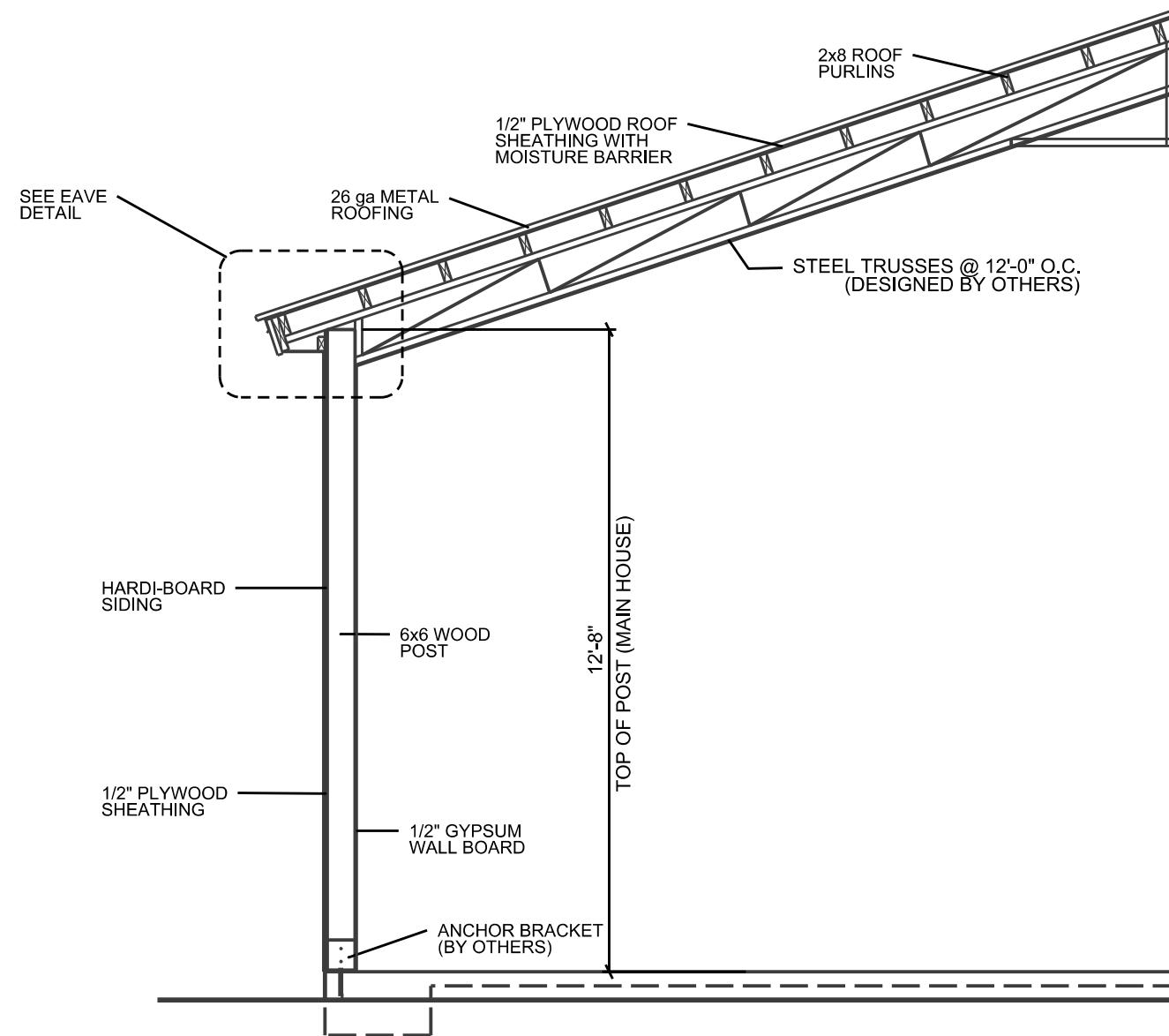


DATE	REVISIONS	DESCRIPTION

PLANS PREPARED BY:
 R. P. (PHIL) BISHOP, JR.
 210 SW GERTRUDIS DRIVE
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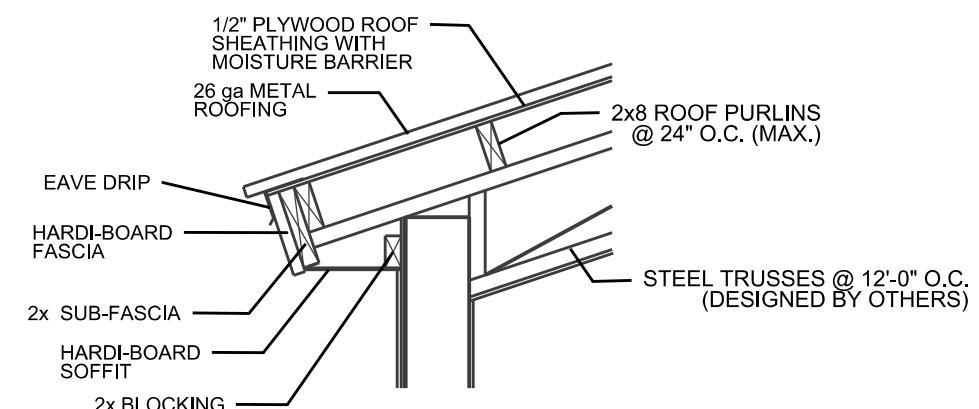
JOB NUMBER:
 EOR:
 ROBERT P. BISHOP
 P.E. NO.:
 38546

POLE BARN BUILDING(S) LAYOUT



WALL SECTION DETAIL

1
B7



EAVE DETAIL

ESTIMATED TOP OF POST HEIGHTS

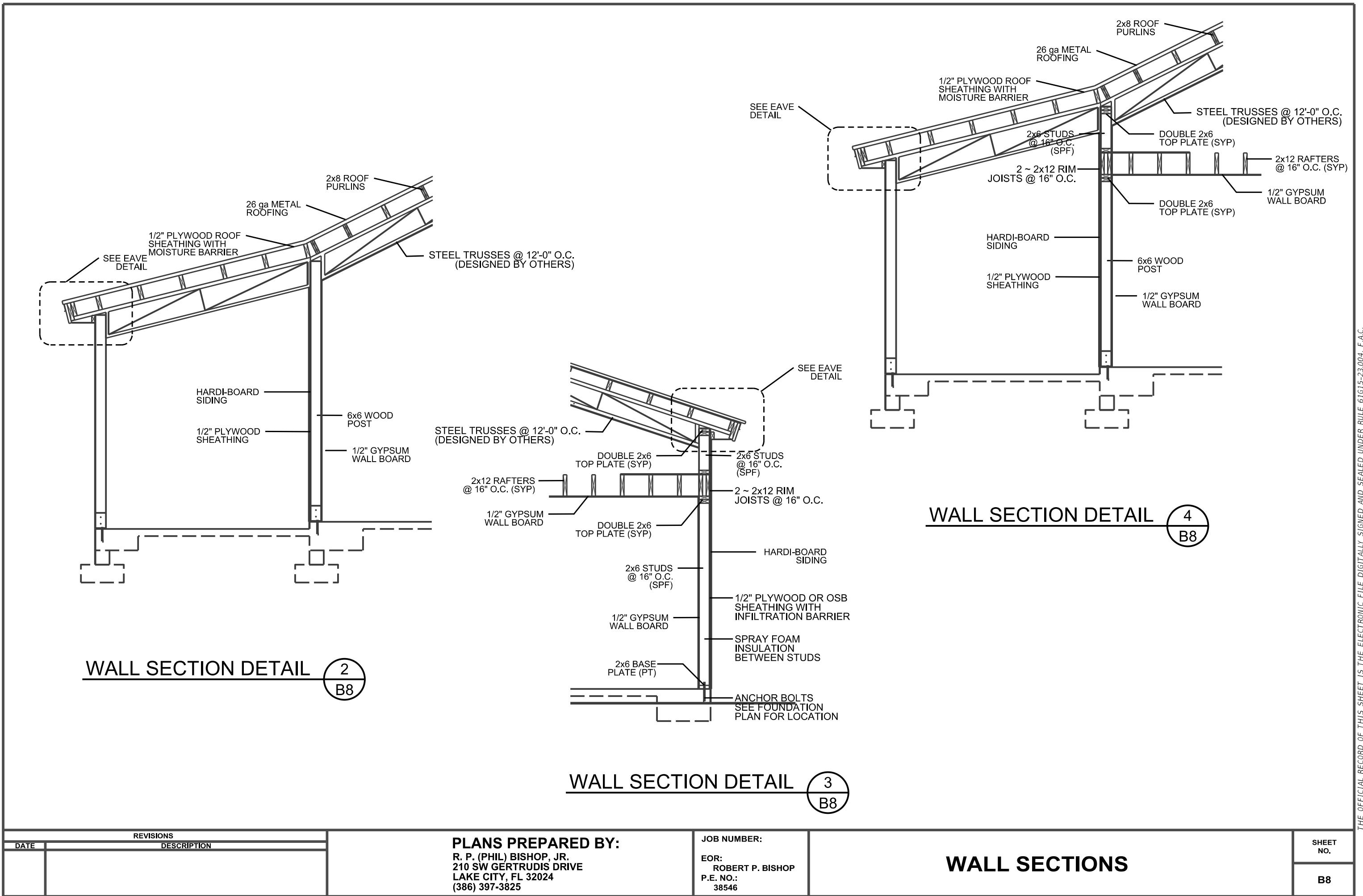
MAIN HOUSE:	12'-8" AFF
FRONT PORCH	10'-4" AFF
VERANDA	10'-4" AFF
CARPORT	14'-0" AFF

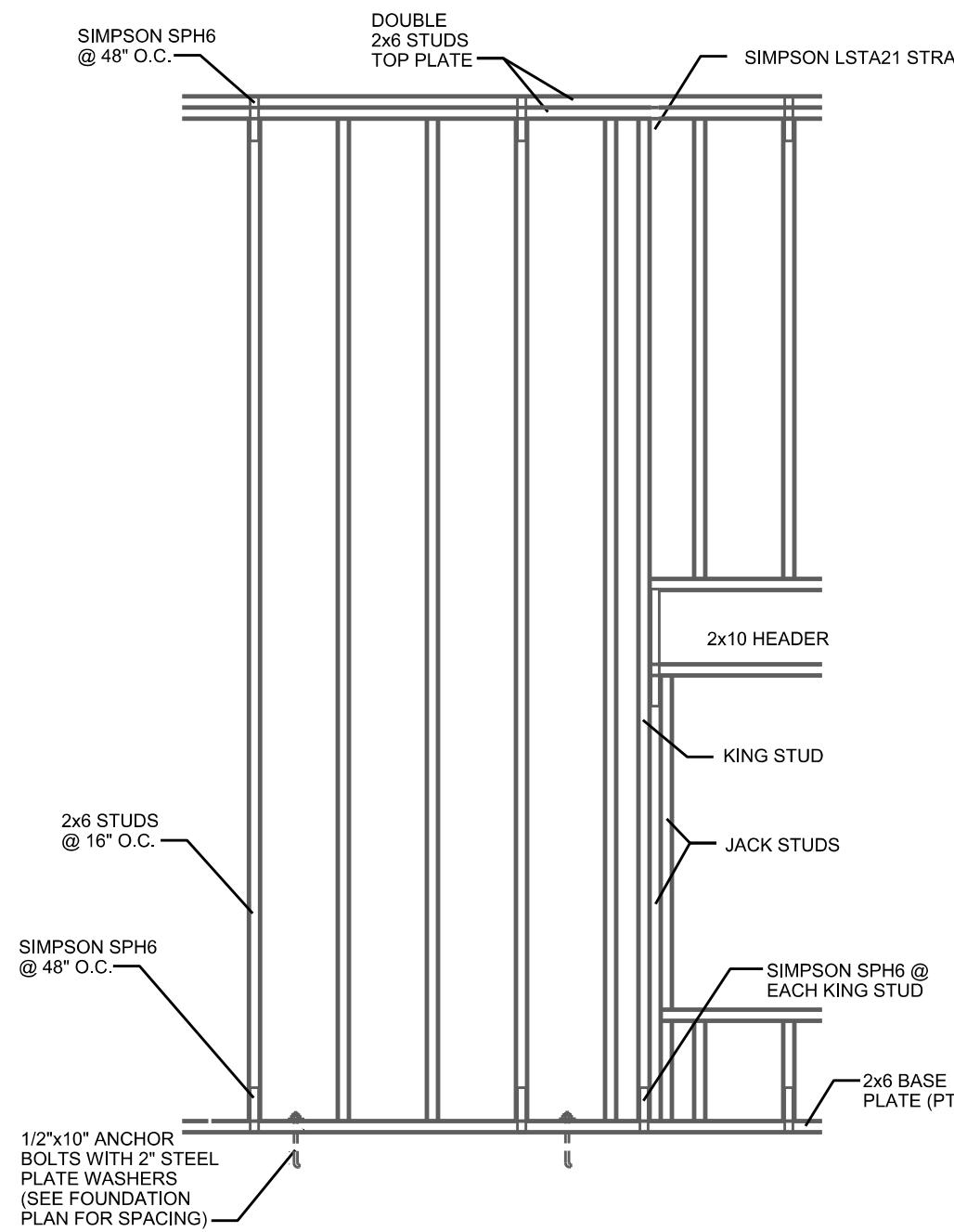
REVISIONS	DATE	DESCRIPTION

PLANS PREPARED BY:
R. P. (PHIL) BISHOP, JR.
210 SW GERTRUDIS DRIVE
LAKE CITY, FL 32024
(386) 397-3825

JOB NUMBER: L220727DIX
EOR:
ROBERT P. BISHOP
P.E. NO.: 38546

WALL SECTIONS





EXTERIOR FRAME WALL DETAIL

NOTES:

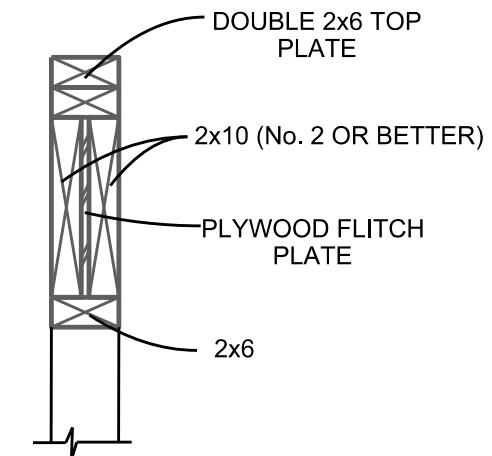
1. ALL EXTERIOR WALLS SHALL BE CONSTRUCTED AS TYPE 2 SHEARWALLS.
2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16 O.S.B. OR PLYWOOD INCLUDING ABOVE AND BELOW ALL OPENINGS.
3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJOINING SHEETS OCCURRING OVER STUDS OR BLOCKING.
4. THE NAILING PATTERN SHALL BE 6" O.C. ALONG THE EDGES AND IN THE FIELD. SCREWS MAY BE USED IN PLACE OF NAILS.
5. ALL WALL FRAMING LUMBER SHALL BE SPRUCE, PINE OR FIR, #2 OR BETTER.
6. ALL STRUCTURAL LUMBER SHALL BE SOUTHERN YELLOW PINE, #2 OR BETTER, AND SHALL BE PRESSURE TREATED WHERE NOTED.

ONE JACK STUD & ONE KING STUD FOR OPENINGS TO 36"

TWO (2) JACK STUDS & ONE KING STUD FOR OPENINGS FROM 36" UP TO 72".

FOUR (4) JACK STUDS & TWO (2) KING STUDS FOR OPENINGS GREATER THAN 72" TO A MAXIMUM OF 144".

PROVIDE ONE SIMPSON MODEL 'LSTA21' STRAP ON EACH SIDE OF OPENINGS UP TO 72" AND TWO SIMPSON MODEL 'LSTA21' STRAPS ON EACH SIDE FOR OPENINGS GREATER THAN 72".



HEADER DETAIL

NOTES:

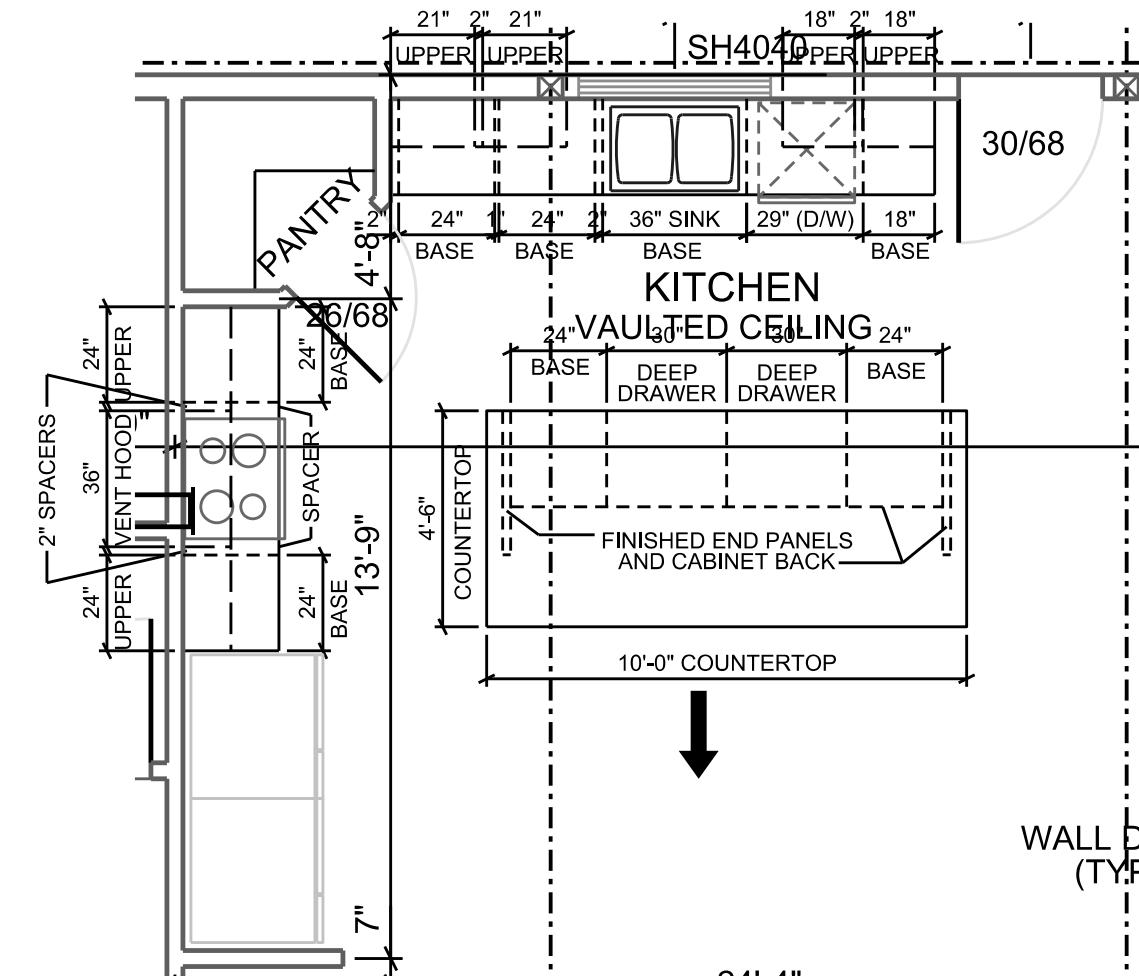
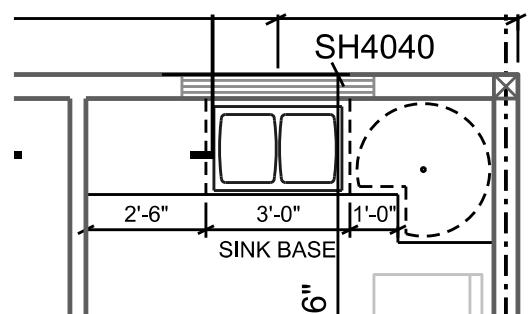
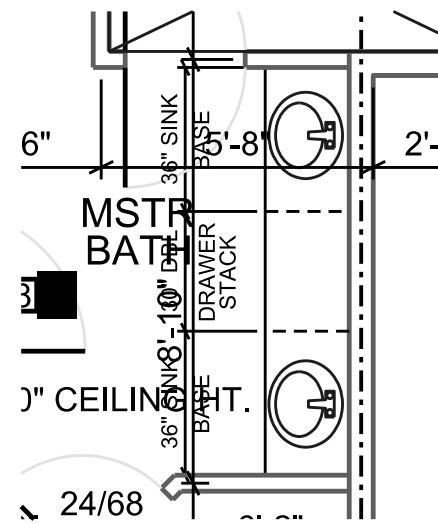
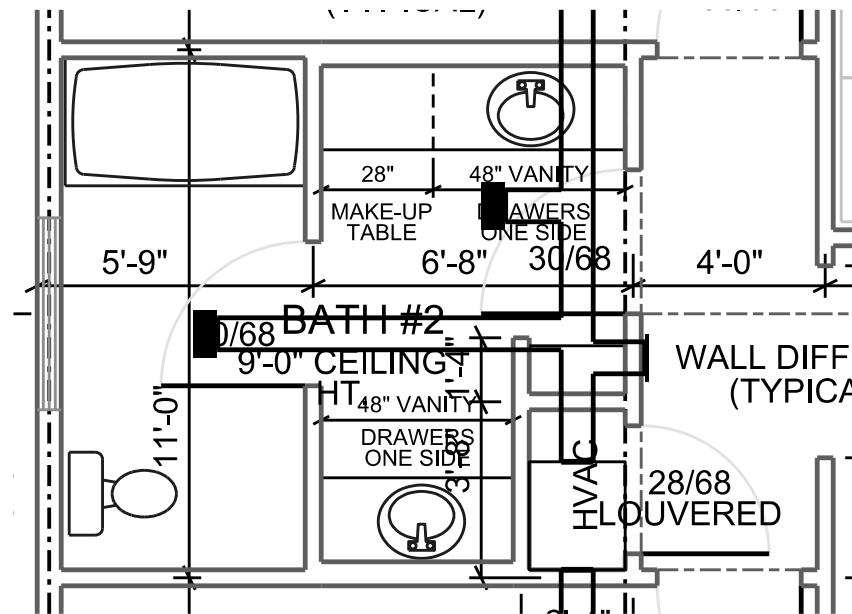
1. ALL EXTERIOR WALLS SHALL BE CONSTRUCTED AS TYPE 2 SHEARWALLS.
2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/2" O.S.B. OR PLYWOOD INCLUDING ABOVE AND BELOW ALL OPENINGS.
3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJOINING SHEETS OCCURRING OVER STUDS OR BLOCKING.
4. THE NAILING PATTERN SHALL BE 4" O.C. ALONG THE EDGES AND 6" IN THE FIELD.
5. ALL WALL FRAMING LUMBER SHALL BE SPRUCE, PINE OR FIR, #2 OR BETTER.
6. ALL STRUCTURAL LUMBER SHALL BE SOUTHERN YELLOW PINE, #2 OR BETTER, AND SHALL BE PRESSURE TREATED WHERE NOTED.
7. CONNECTION DETAILS FOR THE BEAM TO COLUMN, FLOOR JOIST TO BEAM, AND ROOF TRUSSES TO TOP PLATES ARE BY OTHERS.

REVISIONS	DATE	DESCRIPTION

PLANS PREPARED BY:
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WALL FRAMING DETAILS



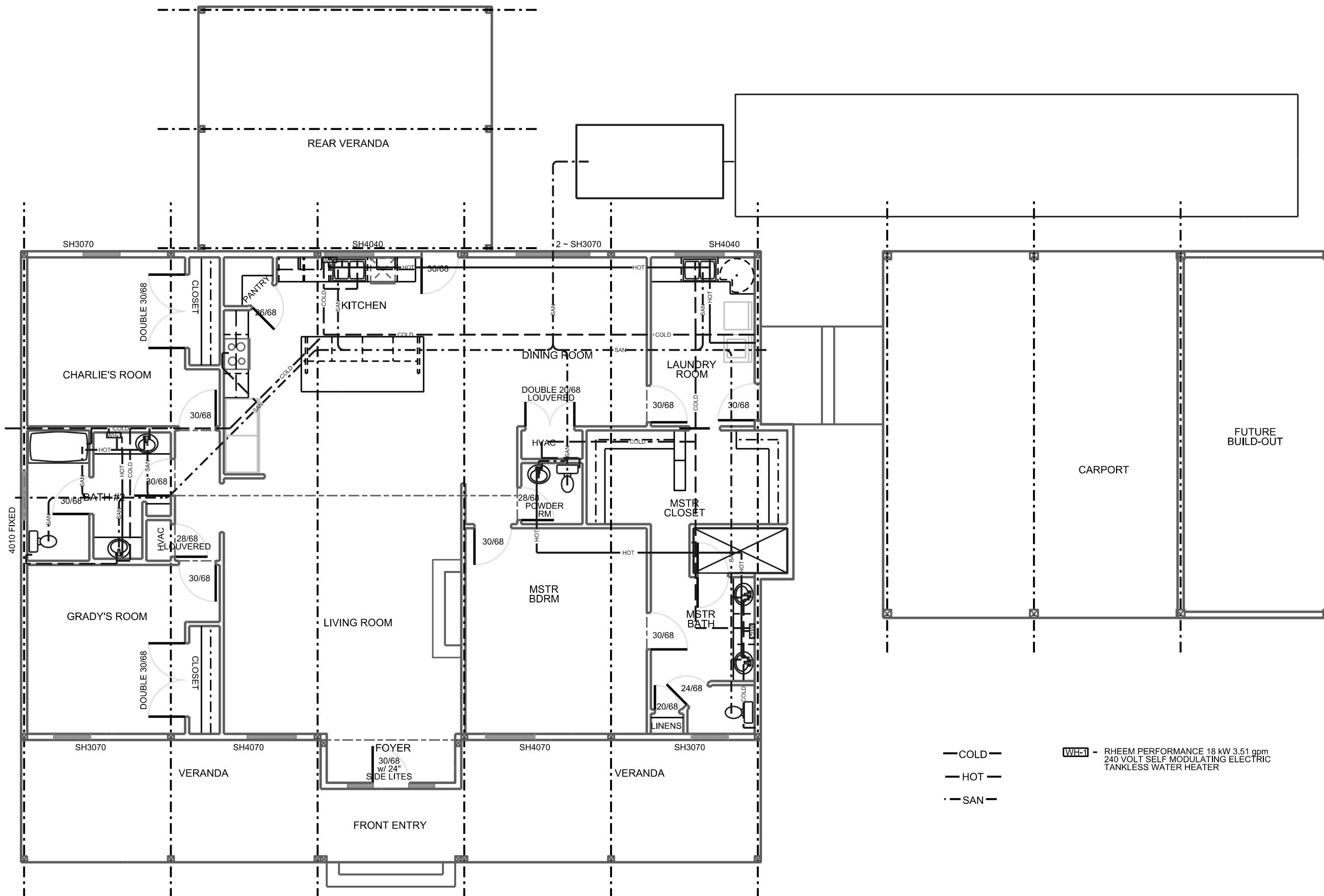
LAUNDRY ROOM

REVISIONS	
DATE	DESCRIPTION

PLANS PREPARED BY:
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 EOR:
 ROBERT P. BISHOP
 P.E. NO.:
 38546

CABINET LAYOUT



REVISIONS	
DATE	DESCRIPTION

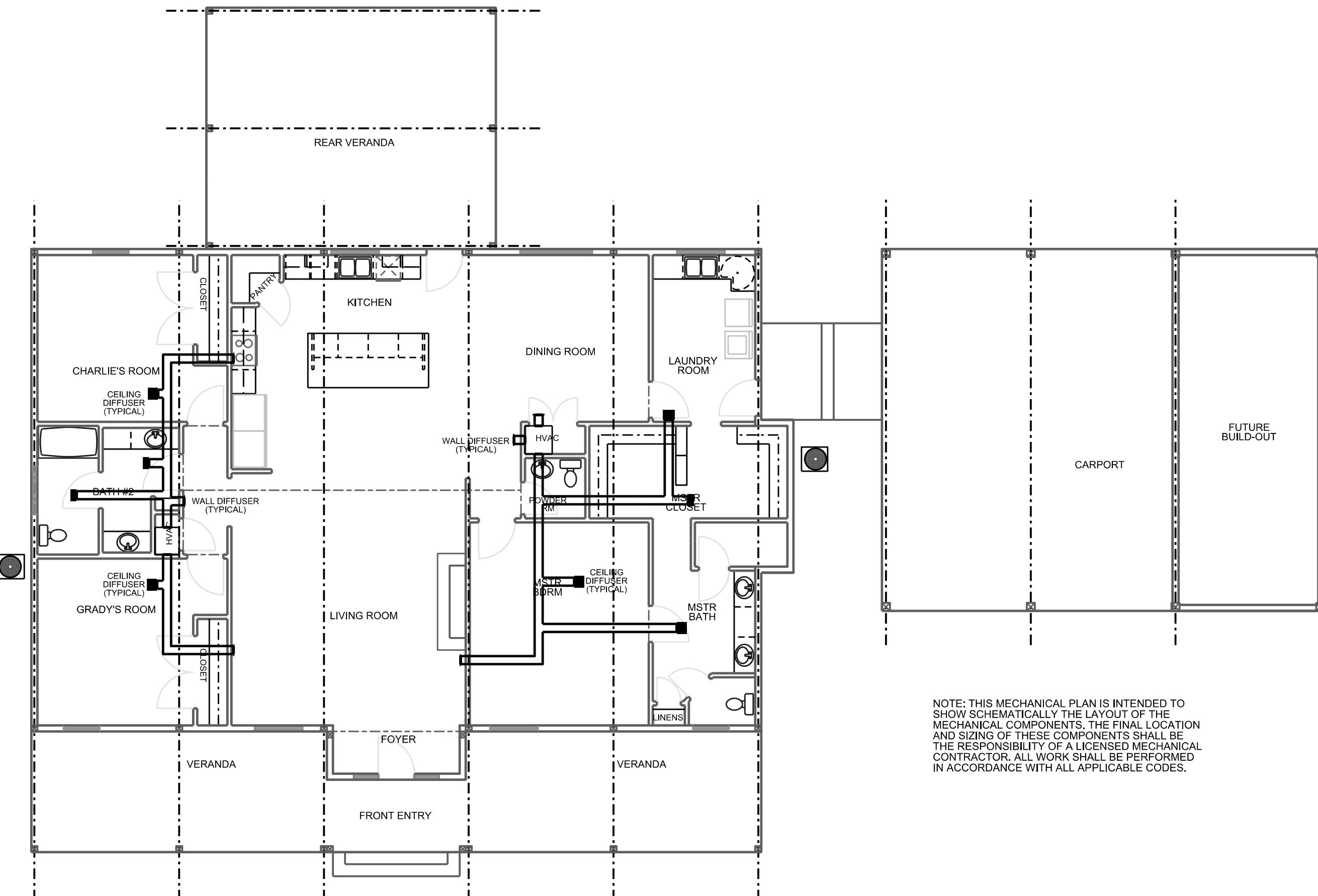
PLANS PREPARED BY:
R. P. (PHIL) BISHOP, JR.
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JOB NUMBER:
EOR:
ROBERT P. BISH
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28546

PLUMBING PLAN

**SHEET
NO.**

P1



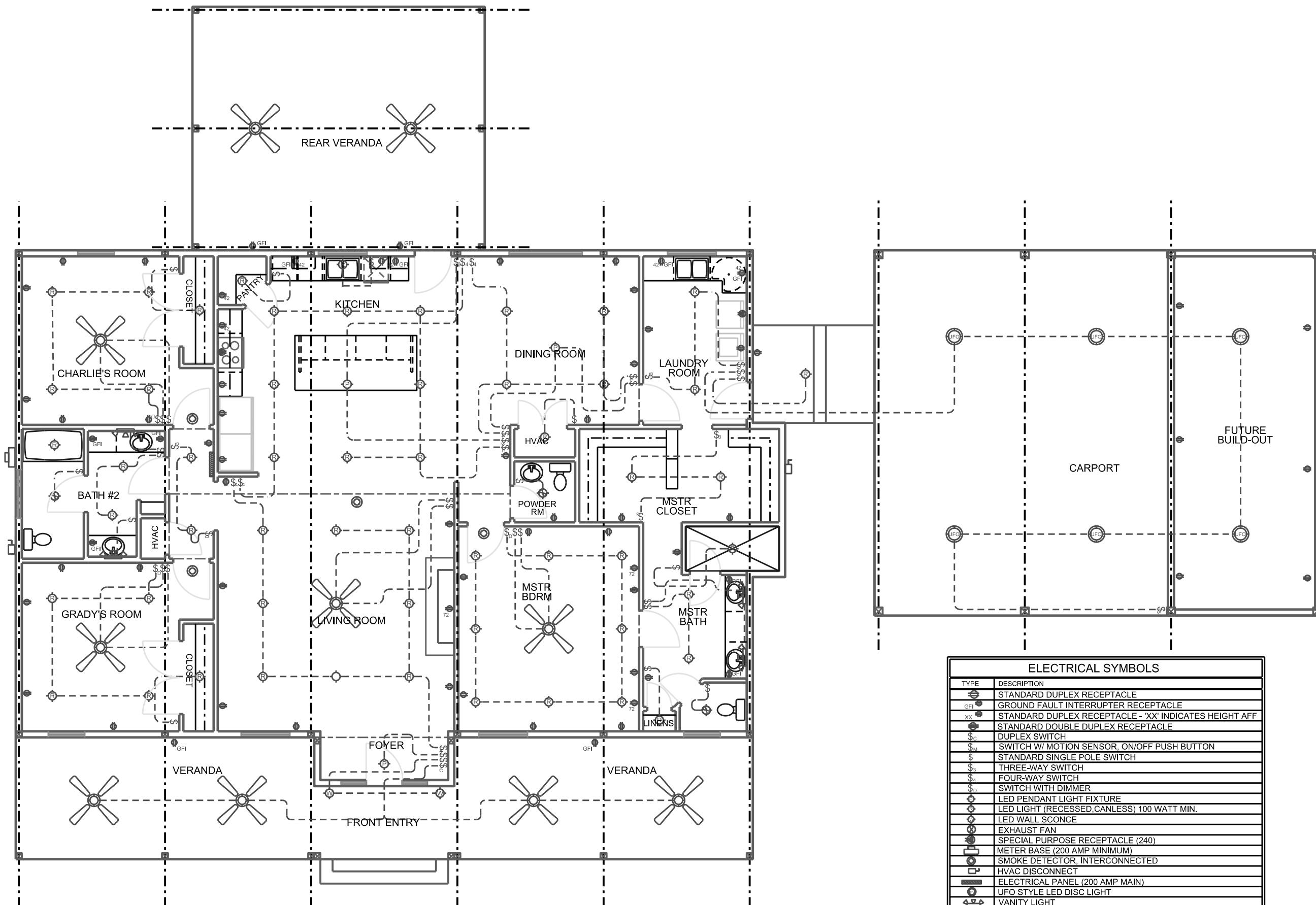
NOTE: THIS MECHANICAL PLAN IS INTENDED TO SHOW SCHEMATICALLY THE LAYOUT OF THE MECHANICAL COMPONENTS. THE FINAL LOCATION AND SIZING OF THESE COMPONENTS SHALL BE THE RESPONSIBILITY OF A LICENSED MECHANICAL CONTRACTOR. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES.

REVISIONS	
DATE	DESCRIPTION

PLANS PREPARED BY:
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 (386) 397-3825

JOB NUMBER:
 EOR:
 ROBERT P. BISHOP
 P.E. NO.:
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HVAC PLAN



REVISIONS

DATE

DESCRIPTION

PLANS PREPARED BY:

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(386) 397-3825

JOB NUMBER:

L220727DIX
EOR:
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P.E. NO.:
38546

ELECTRICAL PLAN

SHEET NO.

E1