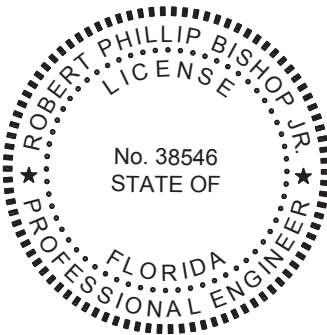
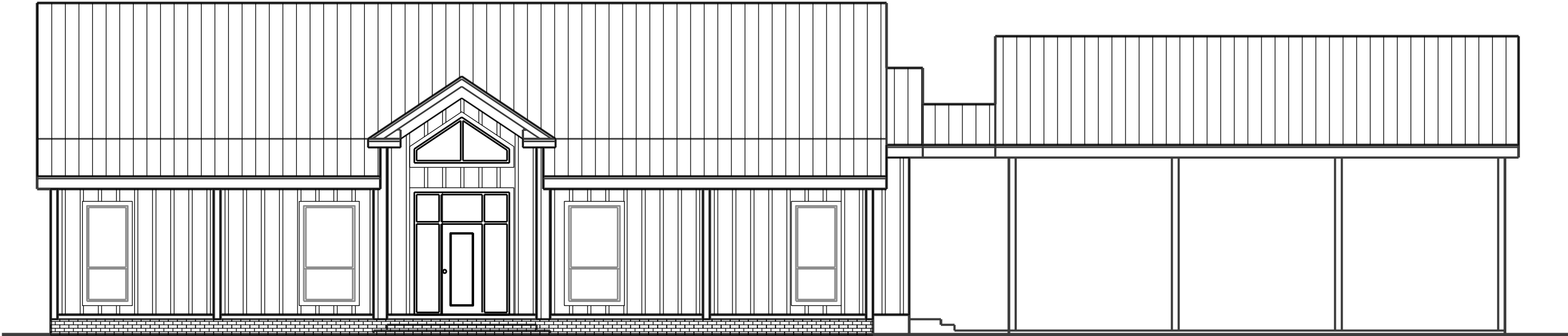


CONSTRUCTION DRAWINGS FOR THE BISHOP RESIDENCE



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED IN THE ELECTRONIC DOCUMENTS.

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		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	COVER SHEET	SHEET NO.
DATE	DESCRIPTION				C1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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

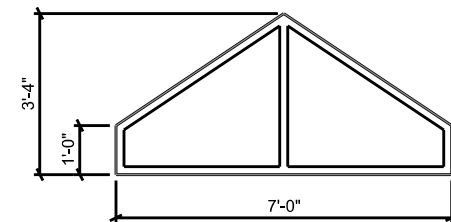
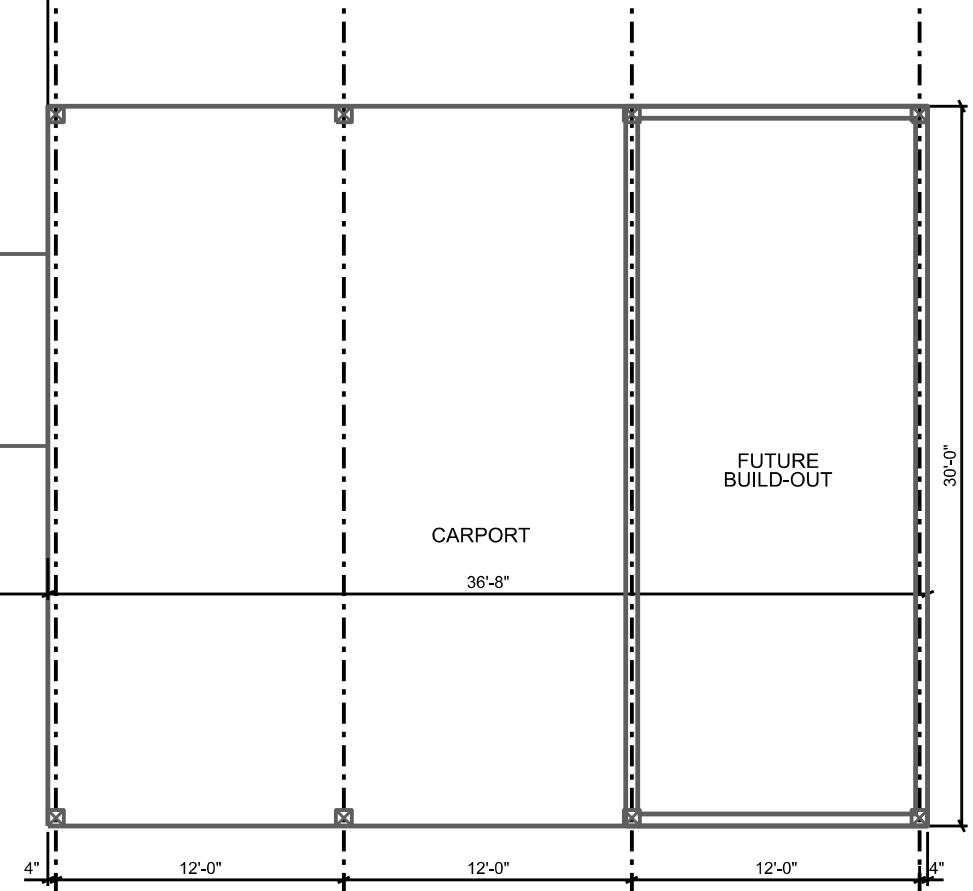
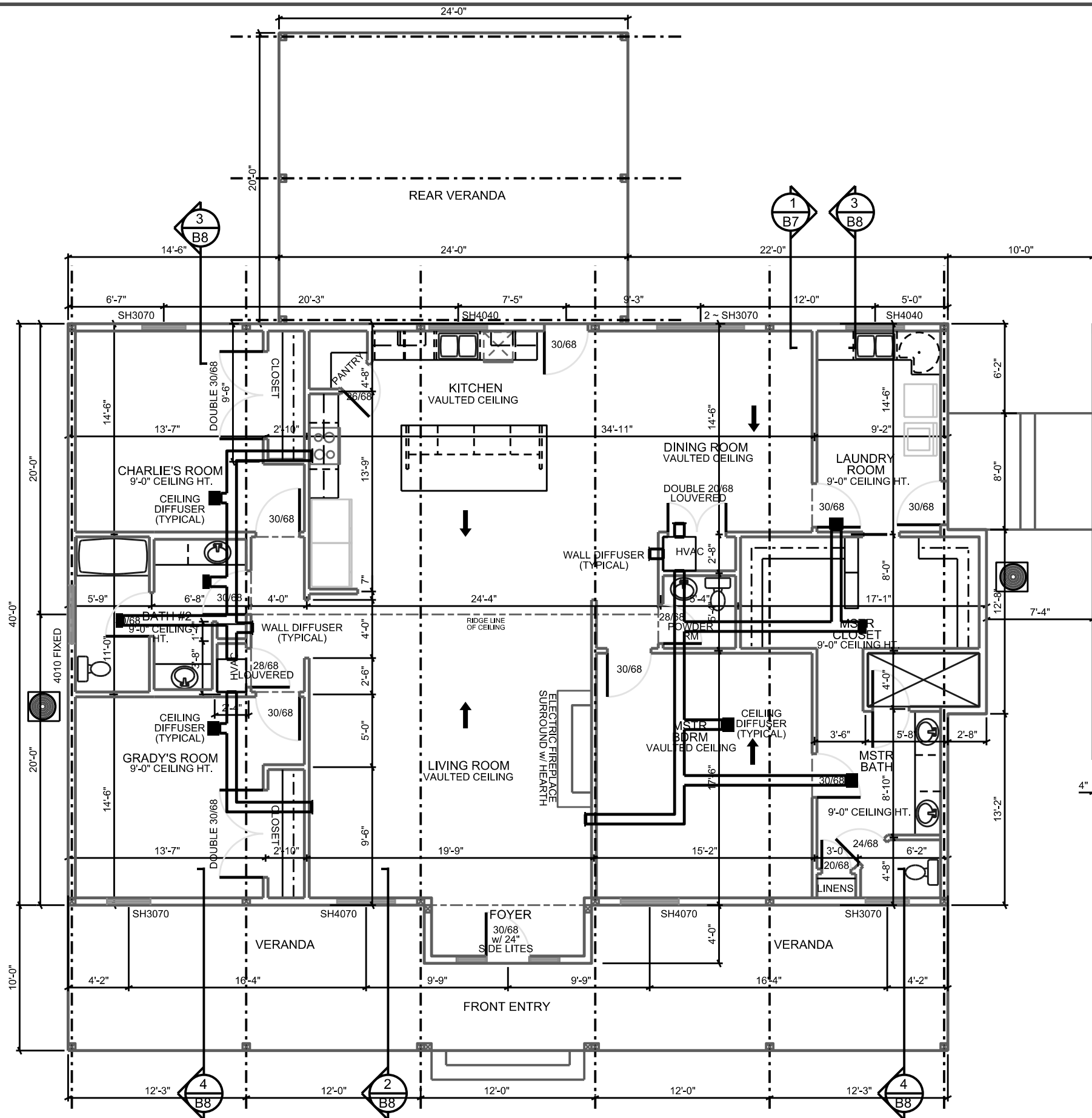
1. SOIL BEARING= 2500 PSF (MINIMUM)
2. FILL AND COMPACTION:
ALL FILL MATERIAL SHALL BE CLEAN, WELL DRAINED SAND WITH NOT MORE THAN 10% PASSING THE No. 200 STANDARD SIEVE. ALL FILL MATERIAL SHALL BE COMPACTED TO 95% OF THE MODIFIED MAXIMUM DRY DENSITY AS DETERMINED BY ASTM T-180.
3. CONCRETE COMPRESSIVE 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: 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	GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION				
					G1



ATRIUM WINDOW DETAIL
FIXED GLASS INSULATED WINDOW
FRAME AND TINTING TO MATCH
OTHER WINDOWS

REVISIONS	
DATE	DESCRIPTION

PLANS PREPARED BY:
R. P. (PHIL) BISHOP, JR.
210 SW GERTRUDIS DRIVE
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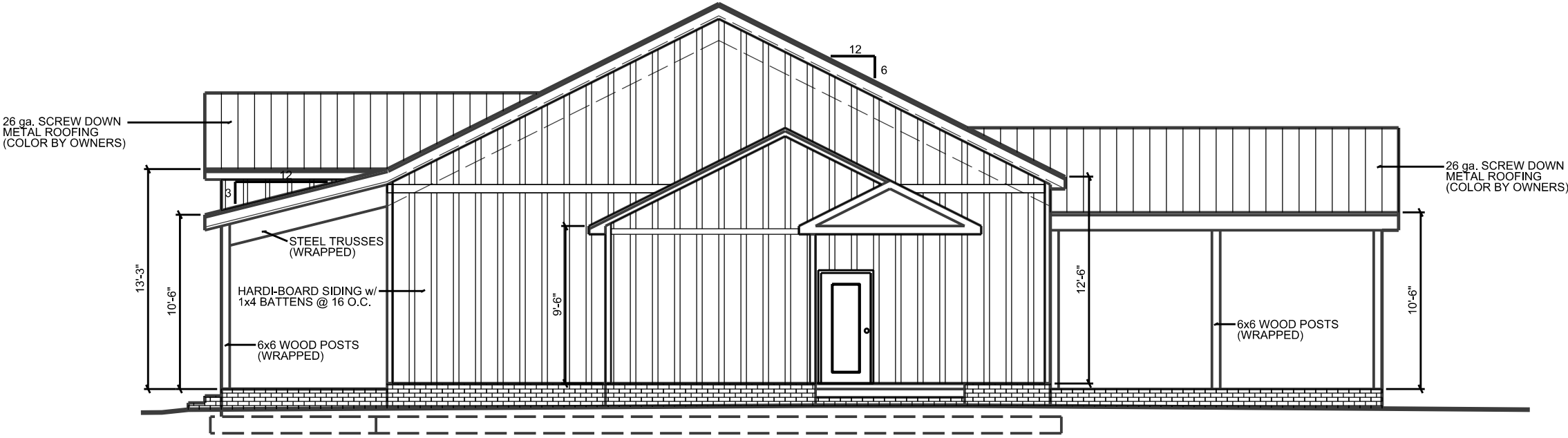
JOB NUMBER:

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

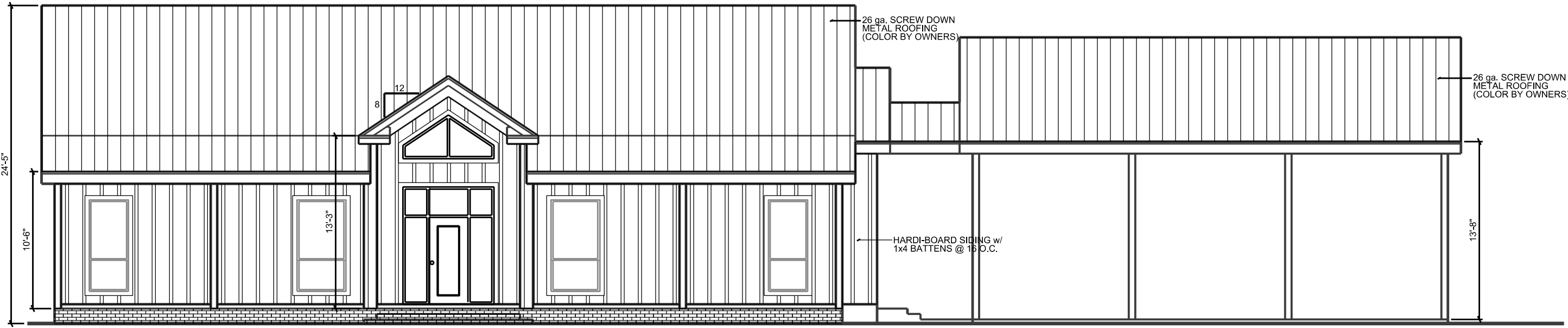
FLOOR PLAN

SHEET NO.

B1



RIGHT SIDE ELEVATION
MAIN HOUSE ONLY



FRONT ELEVATION

REVISIONS	
DATE	DESCRIPTION

PLANS PREPARED BY:
R. P. (PHIL) BISHOP, JR.
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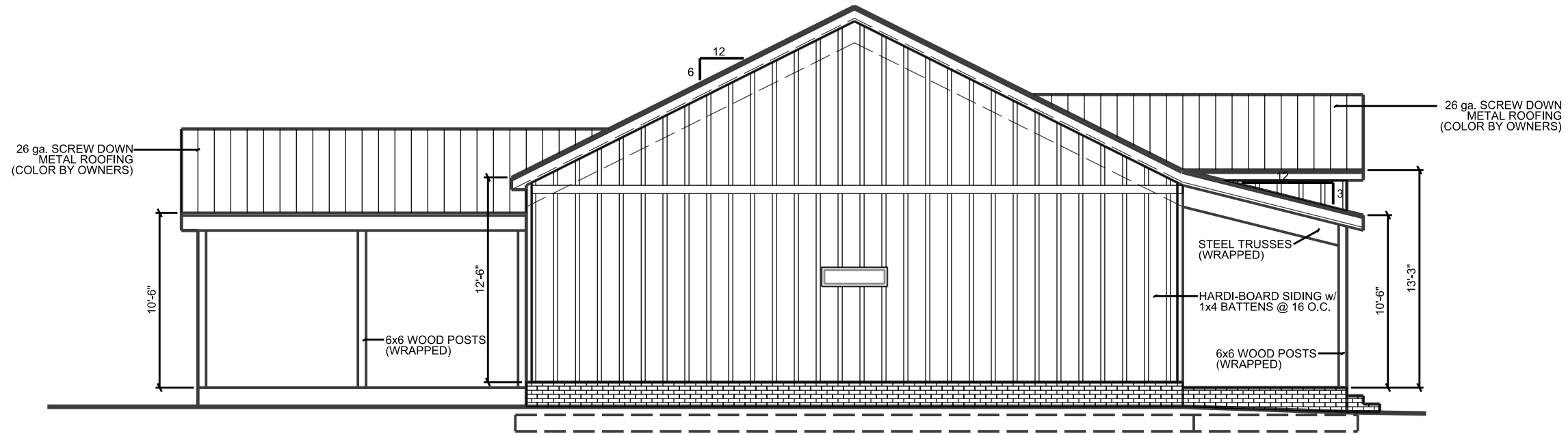
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ROBERT P. BISHOP
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38546

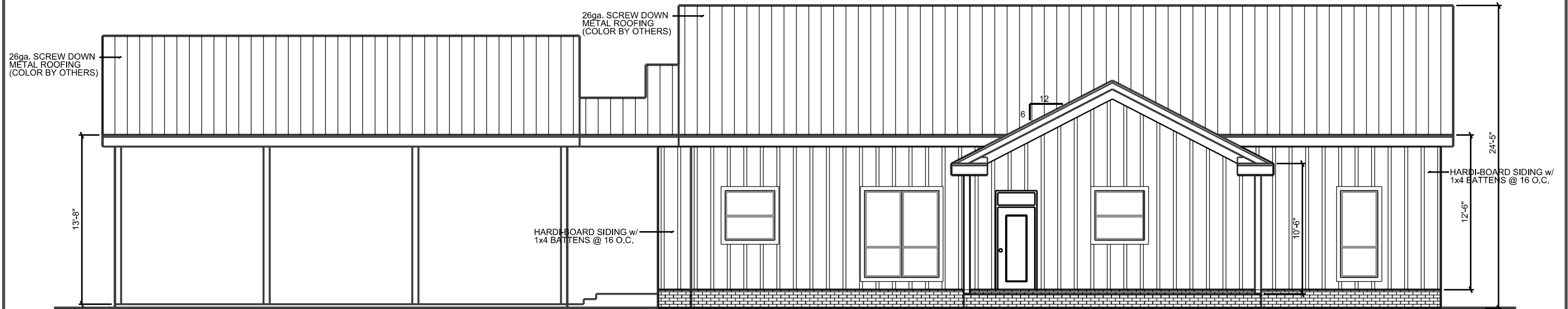
FRONT ELEVATION

SHEET NO.

B2

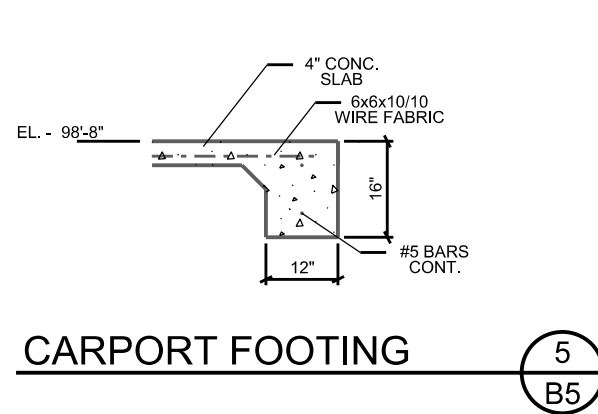


LEFT SIDE ELEVATION



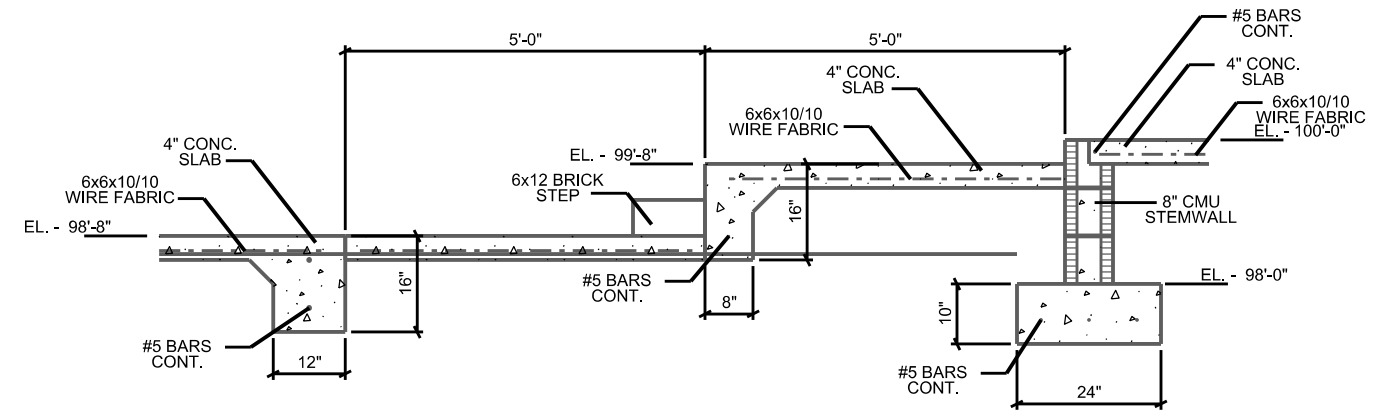
REAR ELEVATION

REVISIONS		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	ELEVATIONS	SHEET NO.
DATE	DESCRIPTION				
					B3



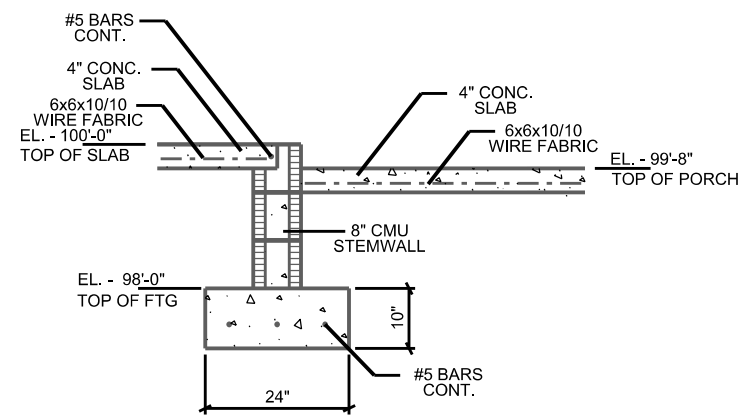
CARPORT FOOTING

5
B5



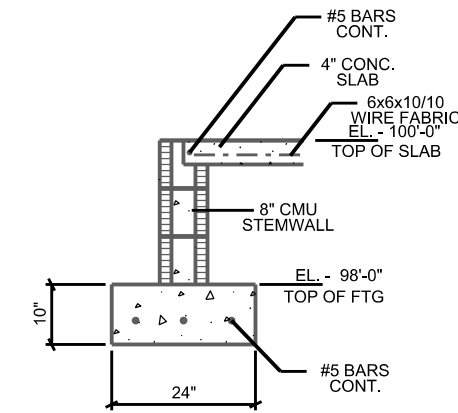
SIDE PORCH DETAIL

6
B5



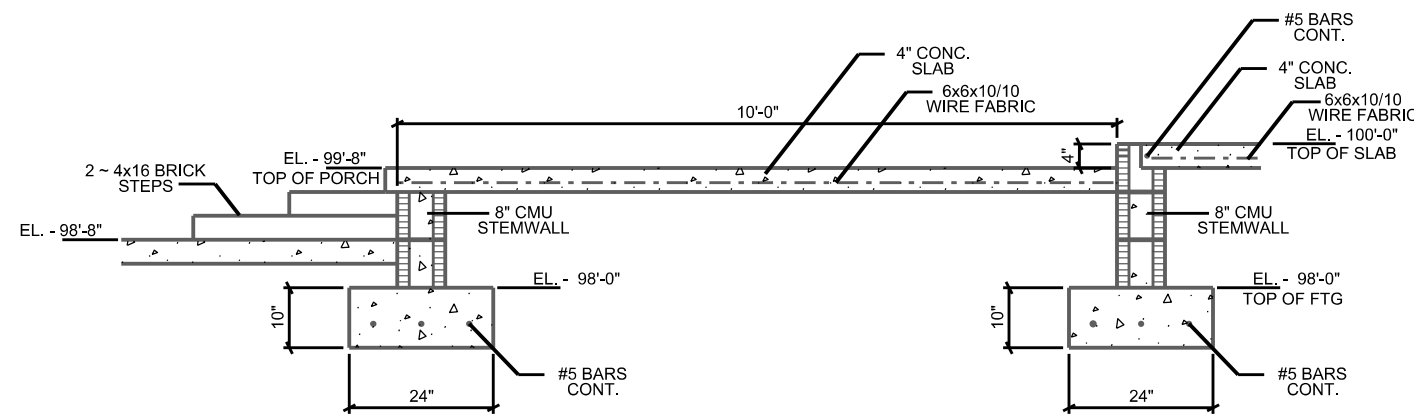
REAR VERANDA DETAIL

4
B5



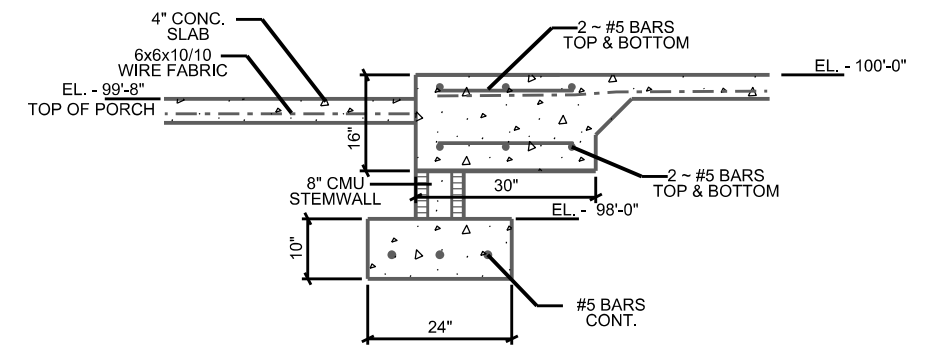
REAR VERANDA DETAIL

3
B5



FRONT PORCH DETAIL

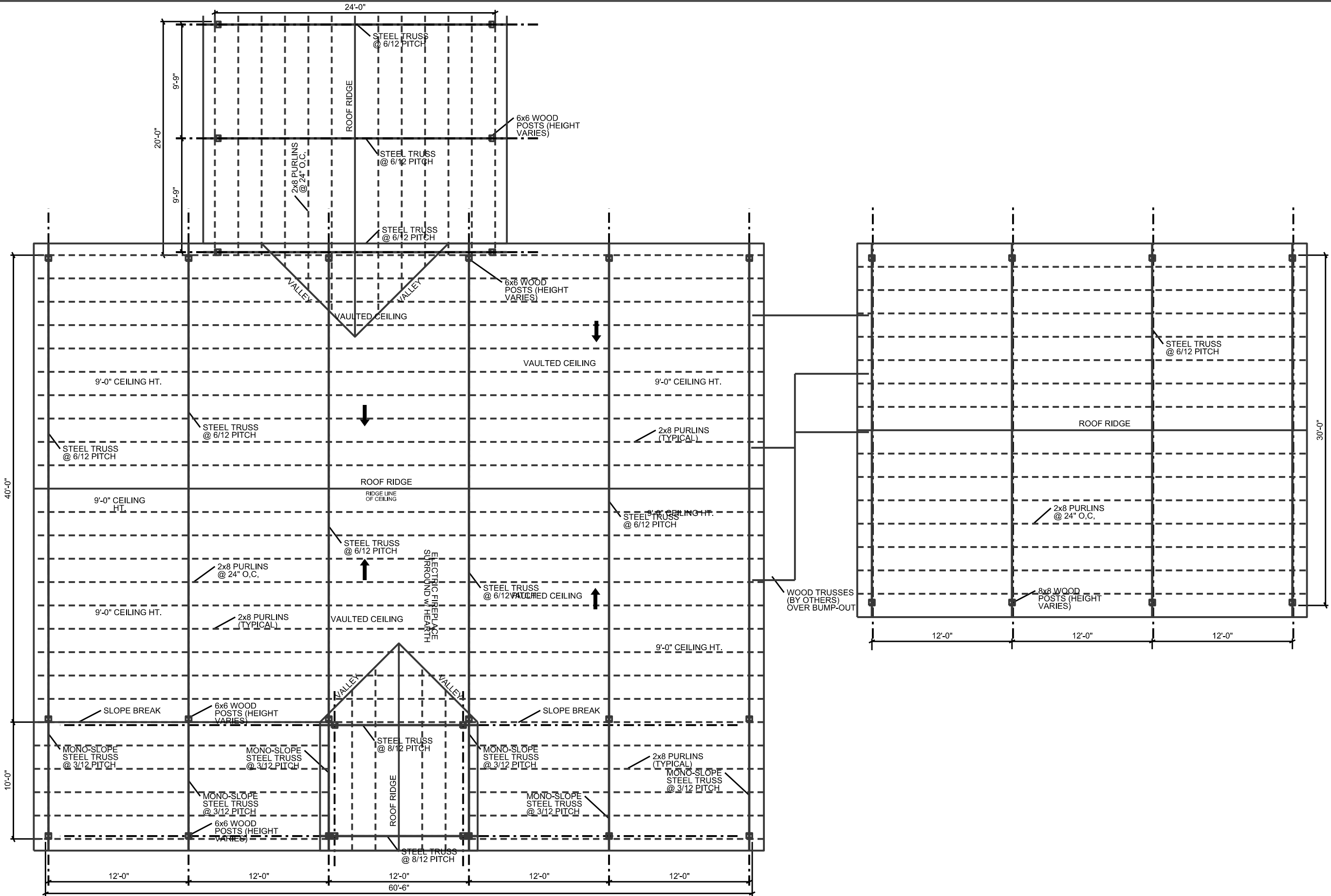
1
B5



POST FOOTING DETAIL

2
B5

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DATE	DESCRIPTION				



REVISIONS	
DATE	DESCRIPTION

PLANS PREPARED BY:
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210 SW GERTRUDIS DRIVE
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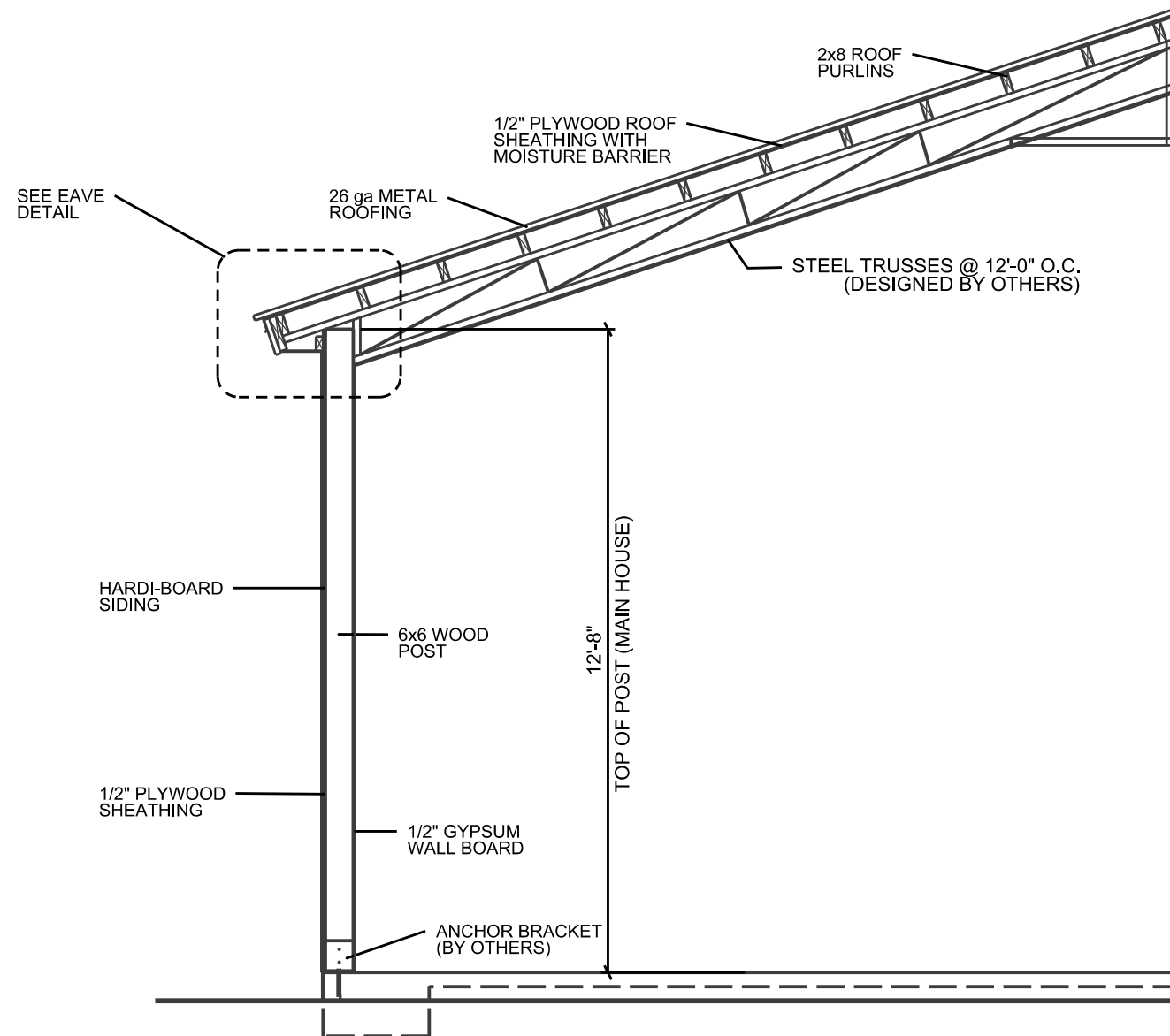
JOB NUMBER:

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

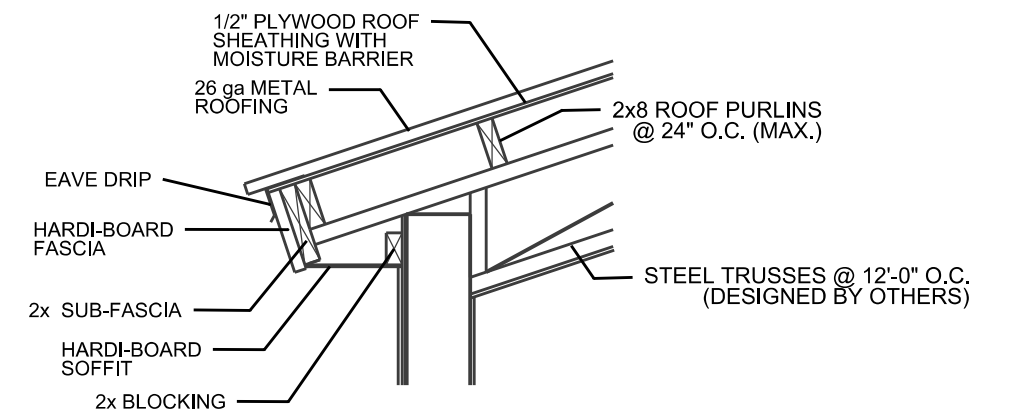
POLE BARN BUILDING(S) LAYOUT

SHEET
NO.

B6



WALL SECTION DETAIL 1
B7

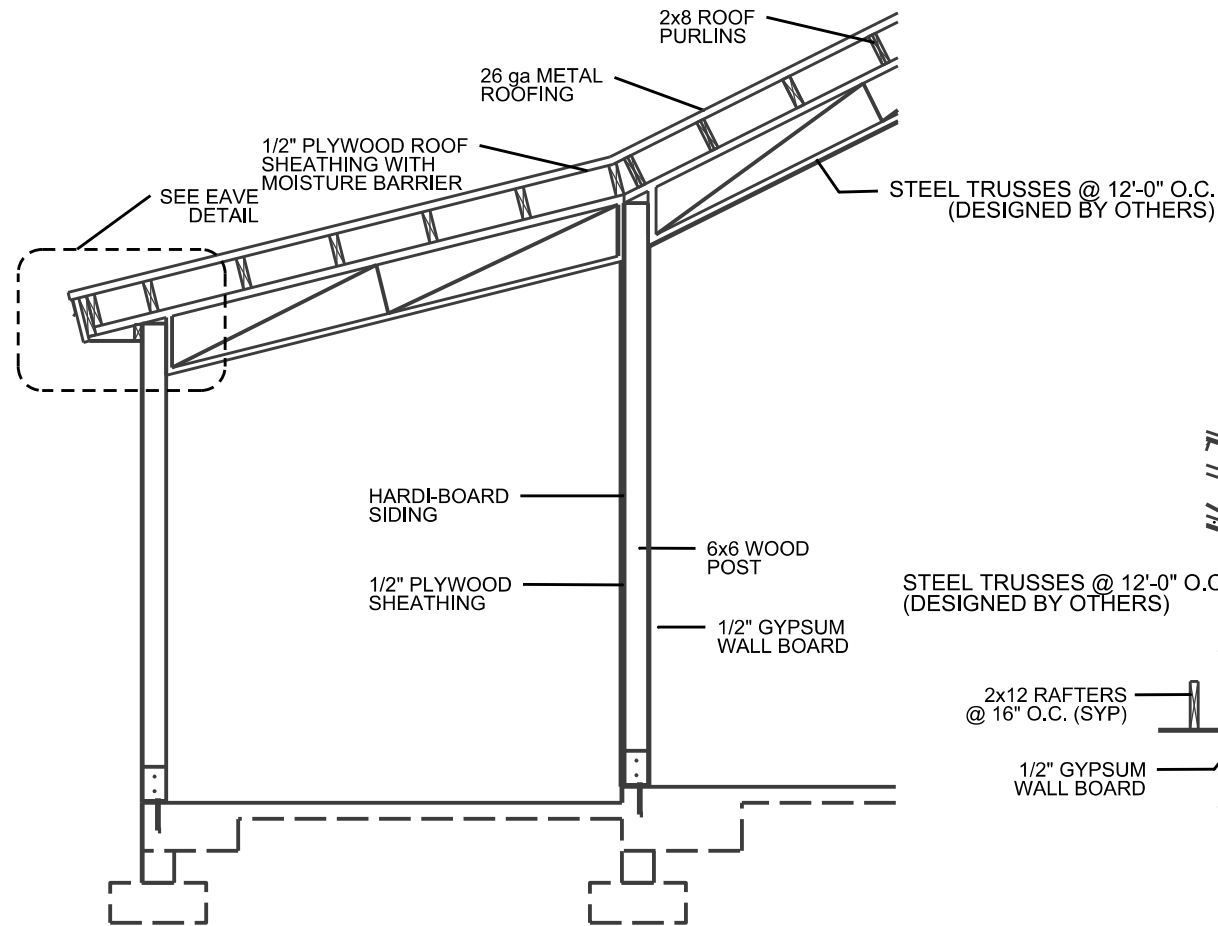


EAVE DETAIL

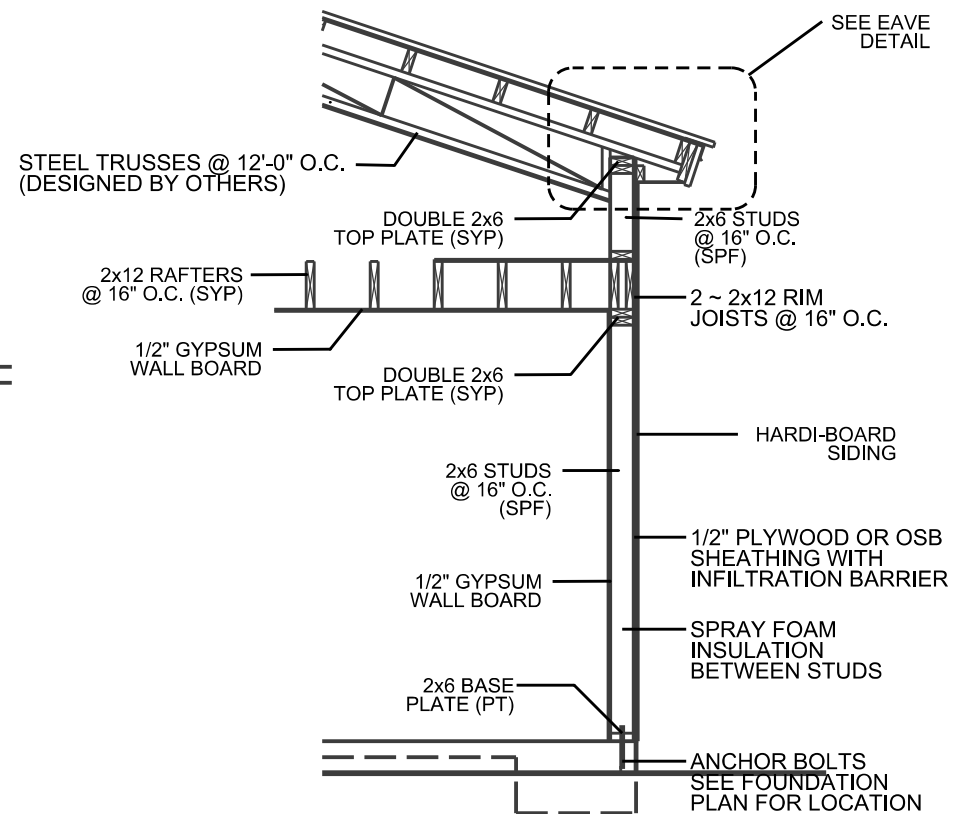
ESTIMATED TOP OF POST HEIGHTS

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

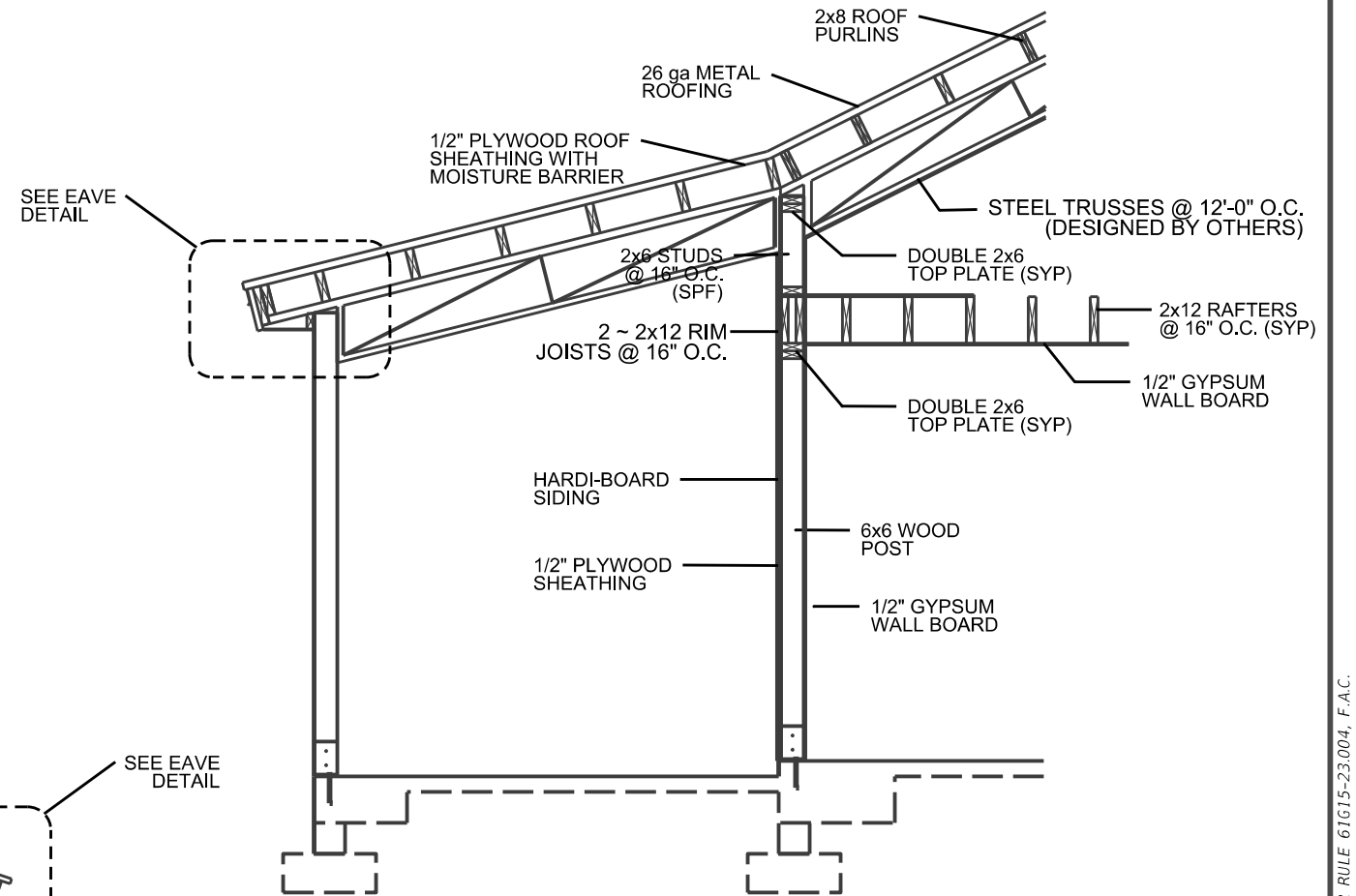
REVISIONS		PLANS PREPARED BY: R. P. (PHIL) BISHOP, JR. 210 SW GERTRUDIS DRIVE LAKE CITY, FL 32024 (386) 397-3825	JOB NUMBER: L220727DIX EOR: ROBERT P. BISHOP P.E. NO.: 38546	WALL SECTIONS	SHEET NO. B7
DATE	DESCRIPTION				



WALL SECTION DETAIL 2
B8

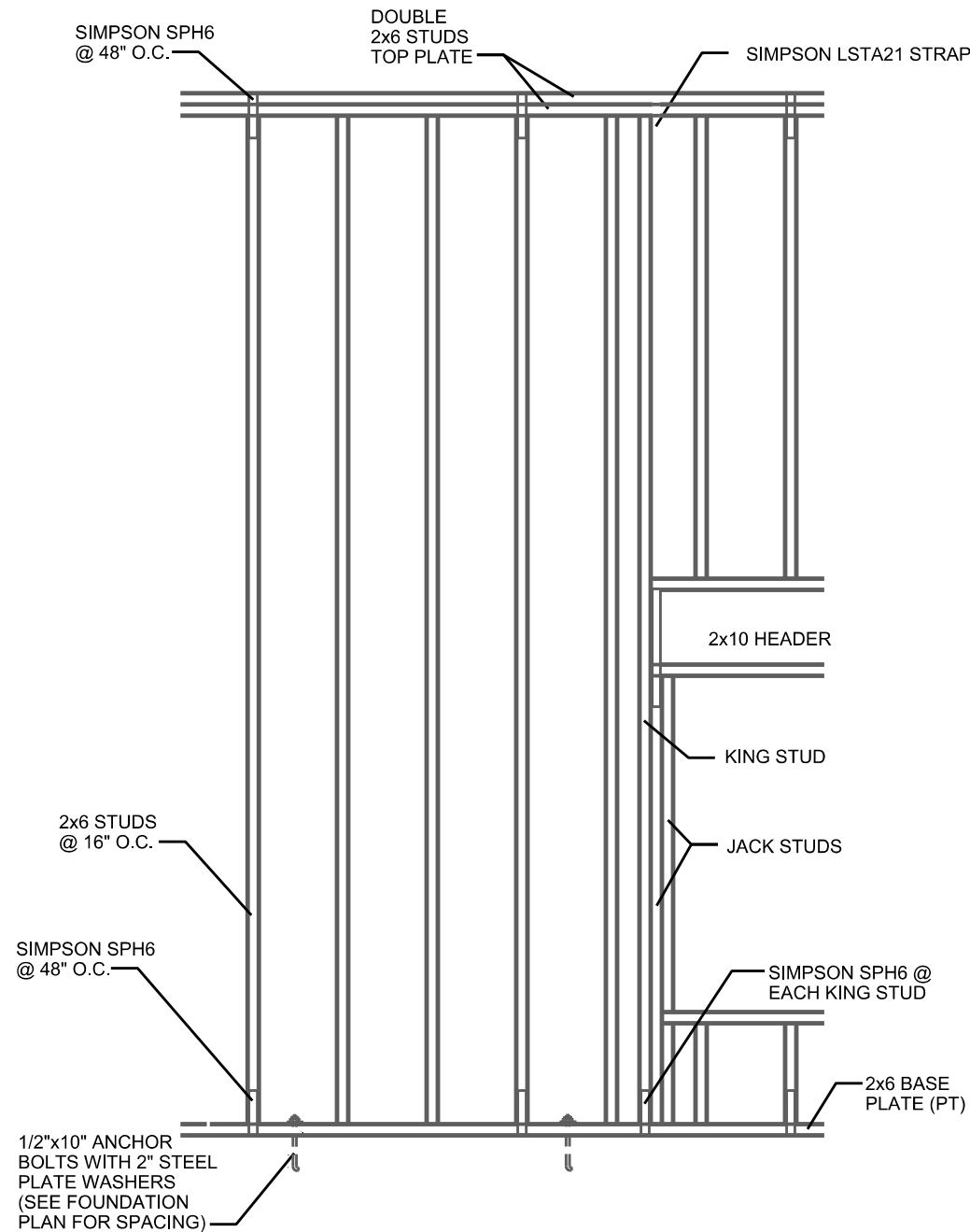


WALL SECTION DETAIL 3
B8



WALL SECTION DETAIL 4
B8

REVISIONS		PLANS PREPARED BY:	JOB NUMBER:	WALL SECTIONS	SHEET NO.
DATE	DESCRIPTION				
		R. P. (PHIL) BISHOP, JR. 210 SW GERTRUDIS DRIVE LAKE CITY, FL 32024 (386) 397-3825	EOR: ROBERT P. BISHOP P.E. NO.: 38546		B8



EXTERIOR FRAME WALL DETAIL

NOTES:

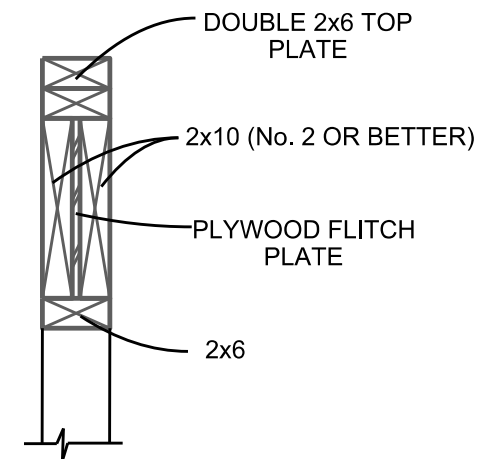
1. ALL EXTERIOR WALLS SHALL BE CONSTRUCTED AS TYPE 2 SHEARWALLS.
- 2.THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16 O.S.B. OR PLYWOOD INCLUDING ABOVE AND BELOW ALL OPENINGS.
3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJOINING SHEETS OCCURRING OVER STUDS OR BLOCKING.
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".

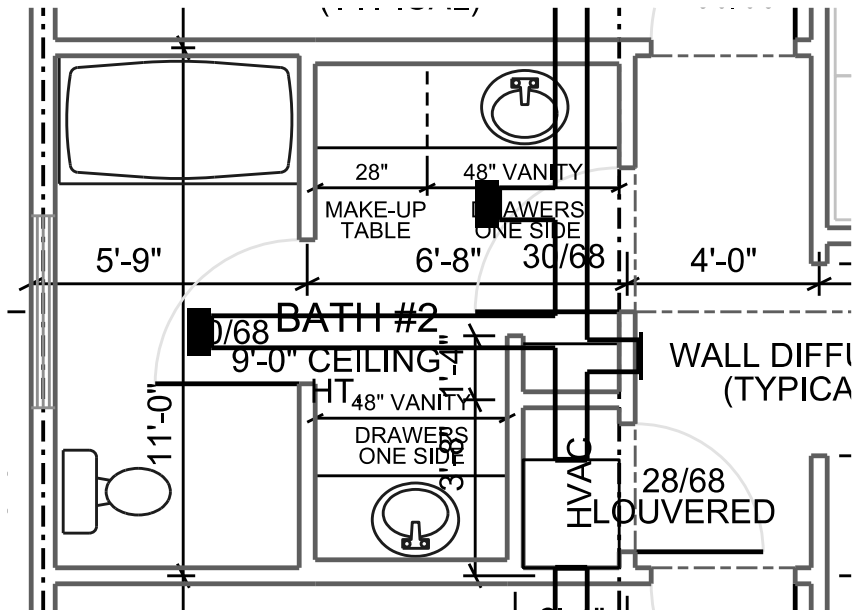


HEADER DETAIL

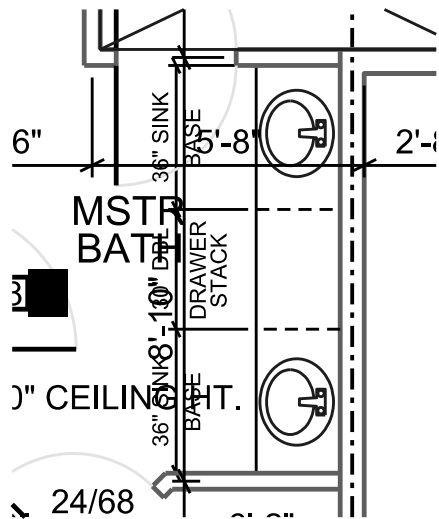
NOTES:

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.

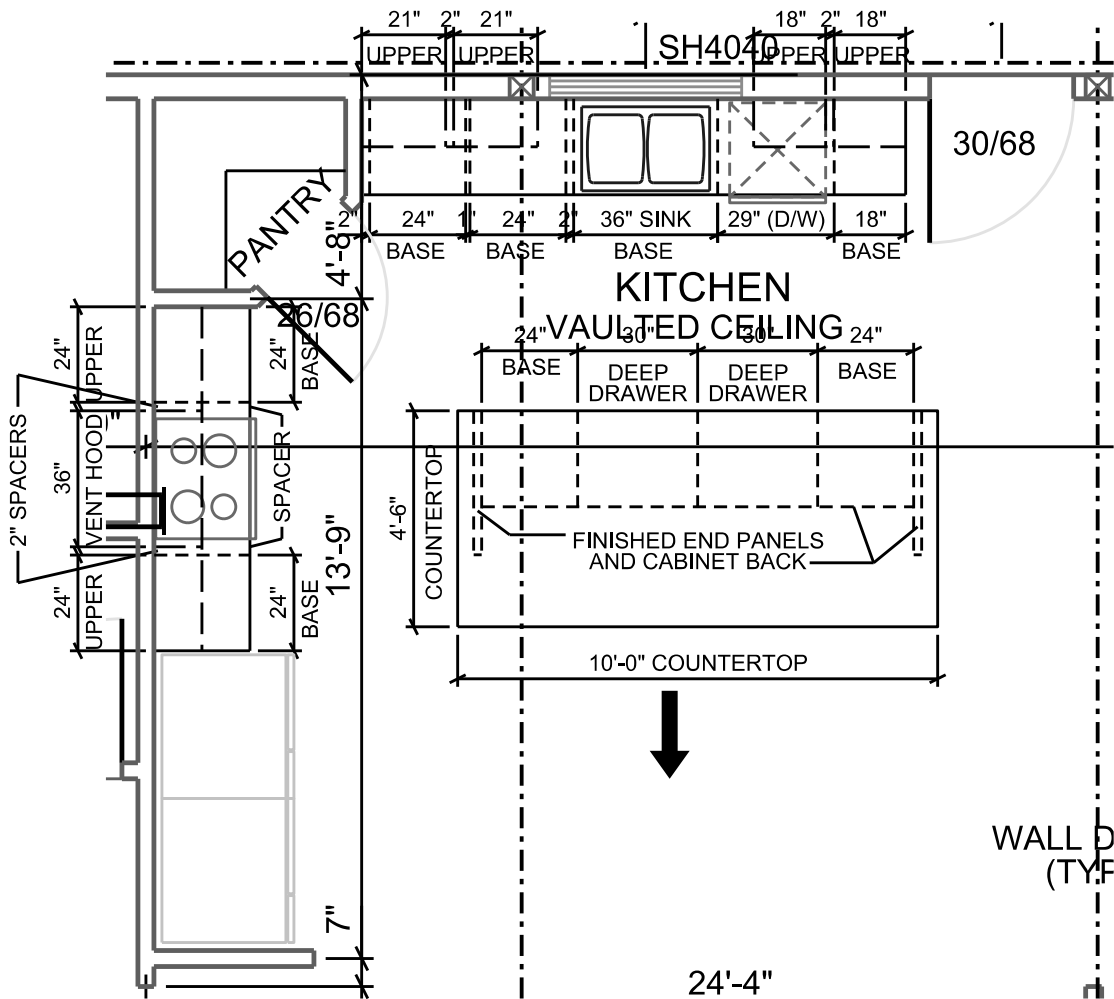
REVISIONS		PLANS PREPARED BY: R. P. (PHIL) BISHOP, JR. 210 SW GERTRUDIS DRIVE LAKE CITY, FL 32024 (386) 397-3825	JOB NUMBER: EOR: ROBERT P. BISHOP P.E. NO.: 38546	WALL FRAMING DETAILS	SHEET NO.
DATE	DESCRIPTION				
					B9



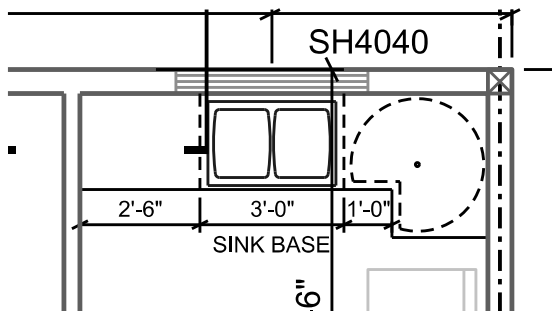
BATH #2



MSTR BATH

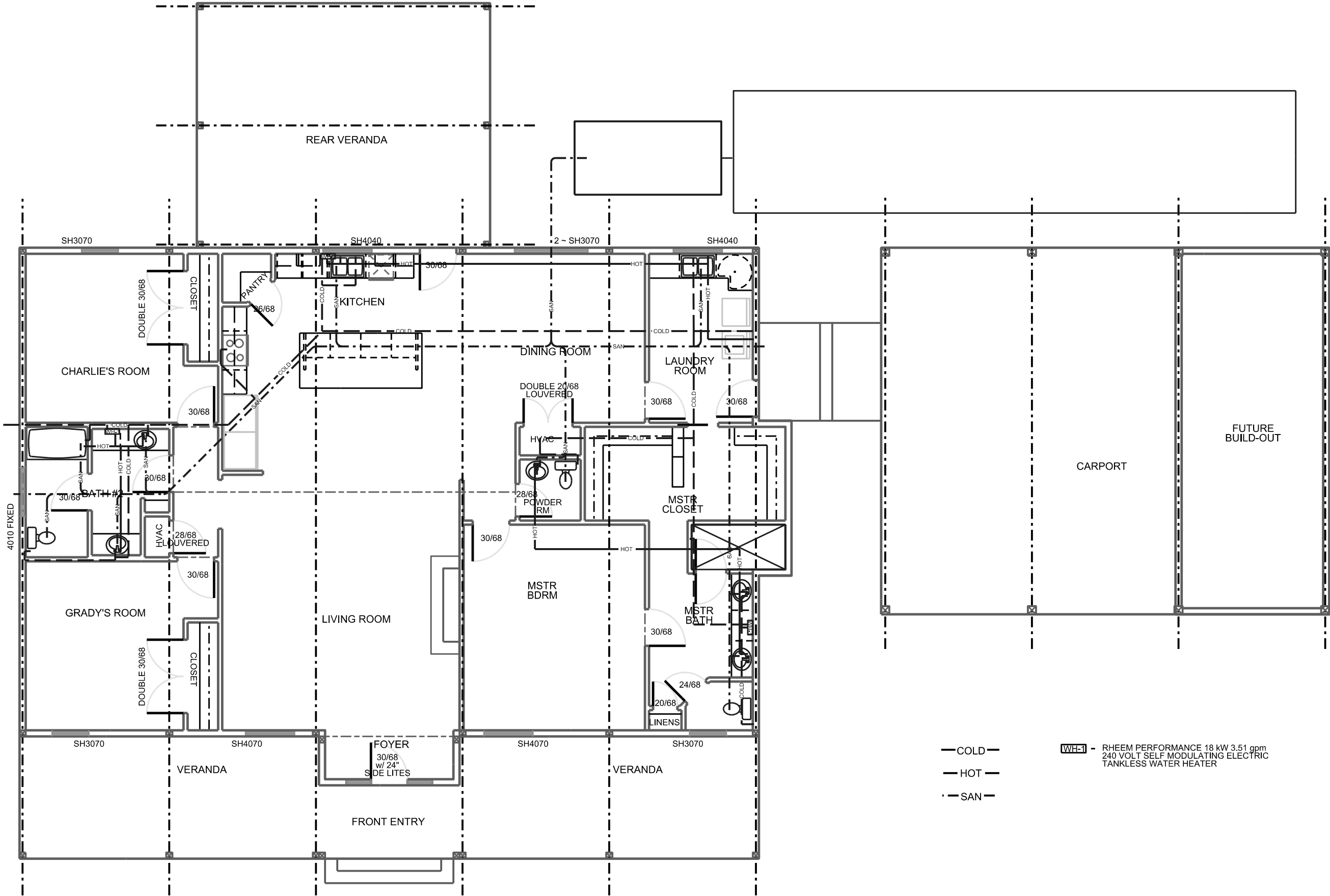


KITCHEN



LAUNDRY ROOM

REVISIONS		PLANS PREPARED BY:	JOB NUMBER:	CABINET LAYOUT	SHEET NO.
DATE	DESCRIPTION				
		R. P. (PHIL) BISHOP, JR. 210 SW GERTRUDIS DRIVE LAKE CITY, FL 32024 (386) 397-3825	EOR: ROBERT P. BISHOP P.E. NO.: 38546		B10



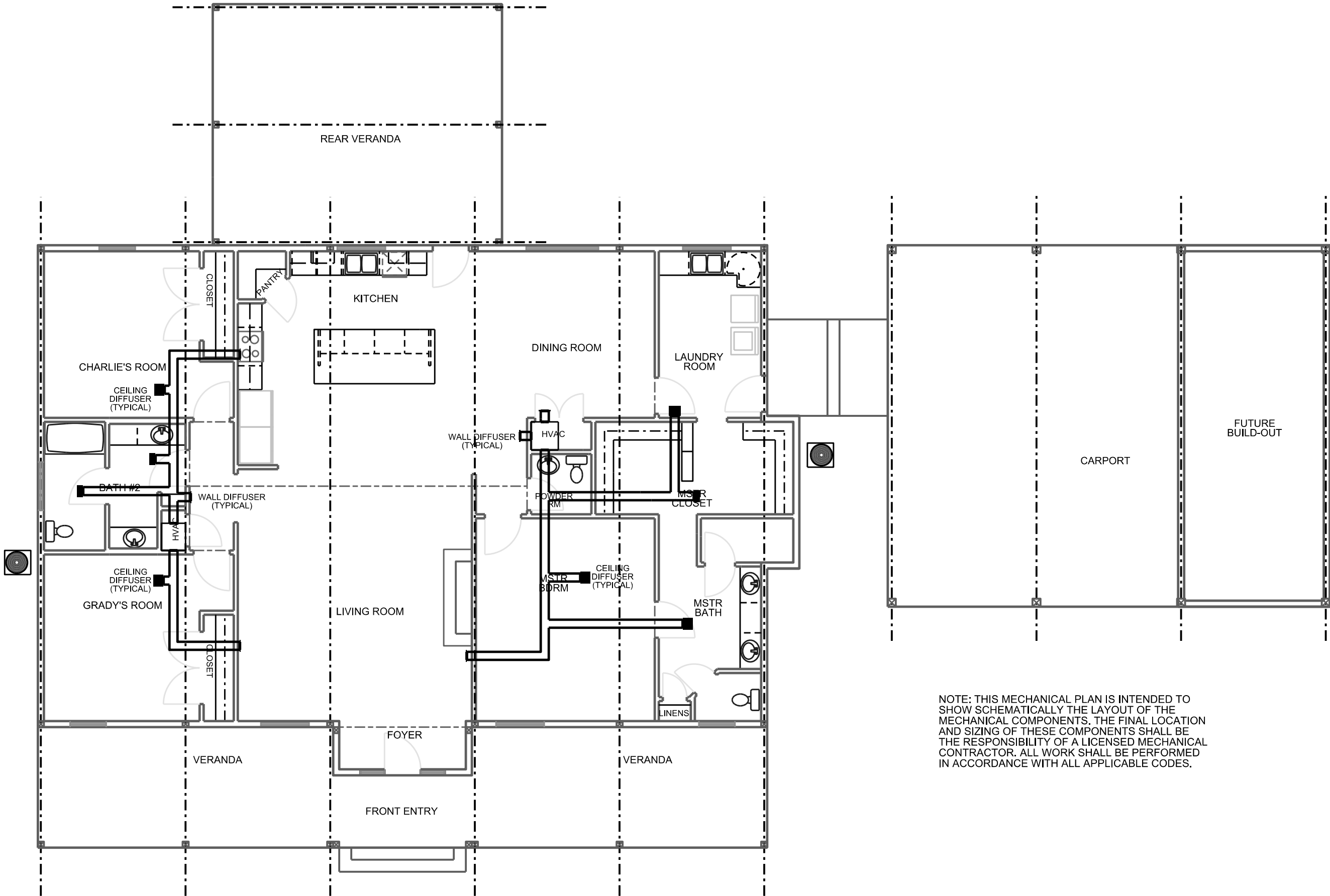
REVISIONS	
DATE	DESCRIPTION

PLANS PREPARED BY:
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210 SW GERTRUDIS DRIVE
LAKE CITY, FL 32024
(386) 397-3825

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

PLUMBING PLAN

SHEET
NO.
P1



REVISIONS	
DATE	DESCRIPTION

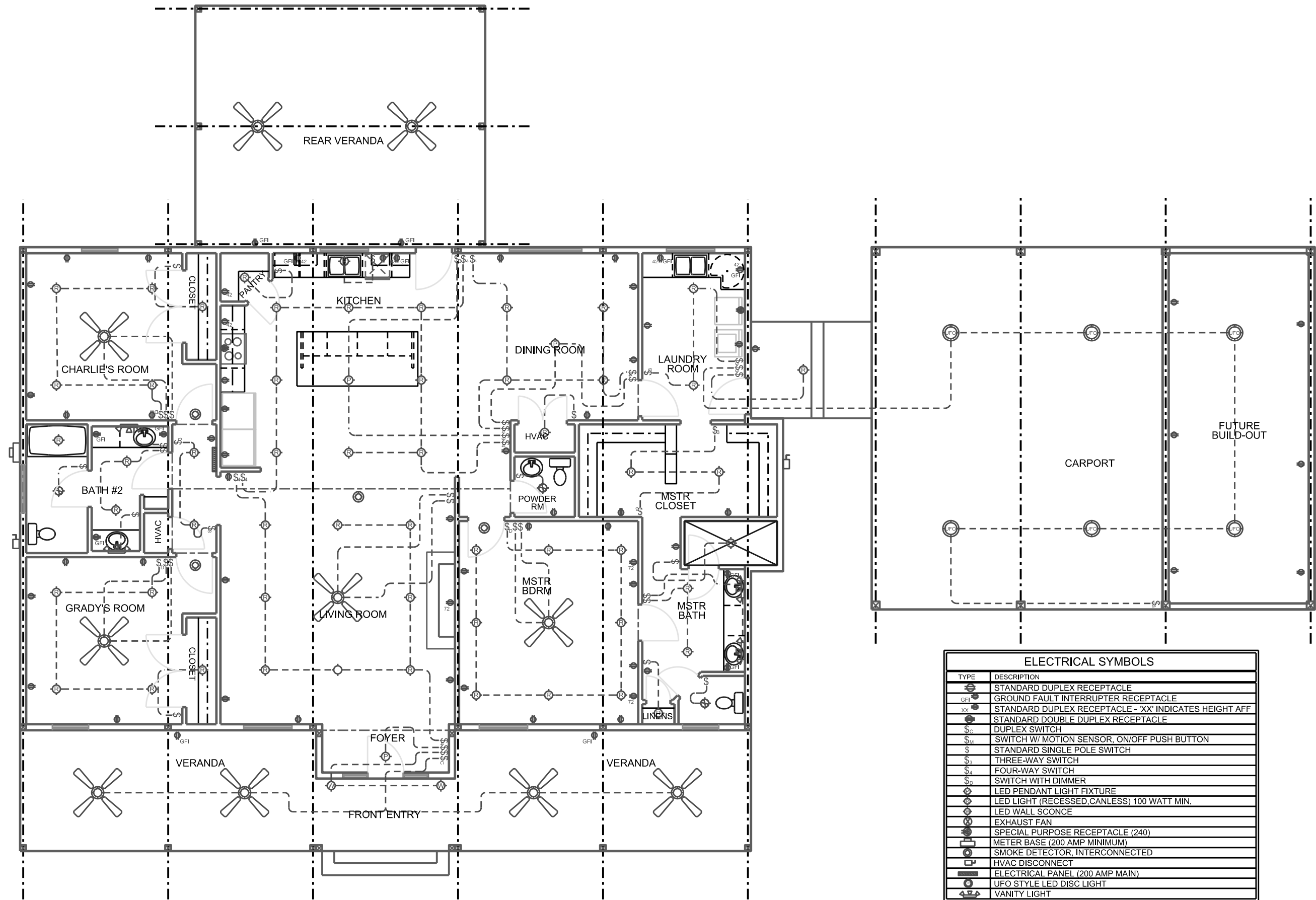
PLANS PREPARED BY:
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JOB NUMBER:

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

HVAC PLAN

SHEET NO.
M1



ELECTRICAL SYMBOLS	
TYPE	DESCRIPTION
	STANDARD DUPLEX RECEPTACLE
	GROUND FAULT INTERRUPTER RECEPTACLE
	STANDARD DUPLEX RECEPTACLE - 'XX' INDICATES HEIGHT AFF
	STANDARD DOUBLE DUPLEX RECEPTACLE
	DUPLEX SWITCH
	SWITCH W/ MOTION SENSOR, ON/OFF PUSH BUTTON
	STANDARD SINGLE POLE SWITCH
	THREE-WAY SWITCH
	FOUR-WAY SWITCH
	SWITCH WITH DIMMER
	LED PENDANT LIGHT FIXTURE
	LED LIGHT (RECESSED, CANLESS) 100 WATT MIN.
	LED WALL SCONCE
	EXHAUST FAN
	SPECIAL PURPOSE RECEPTACLE (240)
	METER BASE (200 AMP MINIMUM)
	SMOKE DETECTOR, INTERCONNECTED
	HVAC DISCONNECT
	ELECTRICAL PANEL (200 AMP MAIN)
	UFO STYLE LED DISC LIGHT
	VANITY LIGHT

REVISIONS	
DATE	DESCRIPTION

PLANS PREPARED BY:
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210 SW GERTRUDIS DRIVE
LAKE CITY, FL 32024
(386) 397-3825

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

ELECTRICAL PLAN

SHEET
NO.

E1