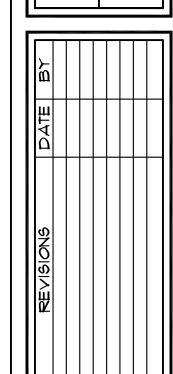


Barndominium 501



ERIO



AS NOTED

DRAWN

LWR

3-20-23

ABV. = ABOVE EXP. = EXPOSE O HOSE BIB Y GAS STUB → DOWN SPOUT

HIGH EFFICIENCY HVAC EQUIPMENT 3D: 1.0

-DUCTLESS SPLIT SYSTEM HEAT PUMPS,

ZONAL ELECTRIC HEATING, A DUCTLESS HEAT PUMP SYSTEM SHALL BE INSTALLED

AND PROVIDE HEATING TO THE LARGEST

ZONE OF THE HOUSING UNIT. TO QUALIFY

FOR THIS CREDIT, THE BUILDING PERMIT

DRAWINGS SHALL SPECIFY THE OPTION

BEING SELECTED AND SHALL SPECIFY

THE HEATING EQUIPMENT TYPE AND THE

MINIMUM EQUIPMENT EFFICIENCY.

EFFICIENT WATER HEATING 5A:

-ALL SHOWERHEAD & KITCHEN SINK FAUCETS INSTALLED IN THE HOUSE SHALL

BE RATED AT 1.75 GPM OR LESS. ALL

OTHER LAYATORY FAUCETS SHALL BE RATED AT IO GPM OR LESS. TO QUALIFY TO CLAIM THIS CREDIT, THE BUILDING

PERMIT DRAWINGS SHALL SPECIFY THE OPTION BEING SELECTED AND SHALL

ALL SHOWERHEADS, KITCHEN SINK FAUCETS, AND OTHER LAYATORY FAUCETS.

PROVIDE TEMPERED GLAZING IN ALL WINDOWS WITH EXPOSED

AREAS GREATER THAN 9 S.F. AND

\*\*CHIMNEY NOTE\*\*

BALLOON-FRAME

FLOOR PLATFORM.

CHIMNEY FROM MAIN

T.O. = TOP OF

BM = BEAM

IN WINDOWS WITH BTTM. EDGE LESS THAN 18" ABV. FLOOR

SPECIFY THE MAXIMUM FLOW RATES FOR

ZONAL CONTROL: IN HOMES WHERE THE PRIMARY SPACE HEATING SYSTEM IS

SQUARE FOOTAGE LIVING SPACE: 784 S.F. <u>GARAGE:</u>

SCALE AS NOTED CHECKED 2,497 S.F. COVERED: 376 S.F.

(2) 3°5° S.H. —8×8 # DF. W.I.C. CARPET M. BEDRM. \_\_\_\_\_\_ 11 6 × 12 11 CARPET SLOPED CLST USE 1/2" G.B. ON GARAGE SIDE OF WALL BETWEEN LIVING SPACE & GARAGE. USE 5/8" COVERED 0 120 y. **SD/CO** 236 × 160 CONC. TYPE 'X' G.B. AT CLG. OF GARAGE W/ LIVING SPACE ABOVE. TAPE & MUD G.B. JOINTS. WALLS AND OTHER STRUCTURAL ELEMENTS SUPPORTING FLOOR/CEILING ASSEMBLIES USED FOR DWELLING/GARAGE SEPARATION ARE REQUIRED TO BE PROTECTED BY NOT LESS THAN 1/2 INCH GYPSUM BOARD OR VINYL EQUIVALENT PER IRC TABLE R3026. SLOPED √₂ LT. RANGE W/ HOOD ABY, V.T.O.S. 3068 **KITCHEN** BARN DR. 13 <sup>10</sup> × 11 <sup>7</sup> GARAGE 48 × 44 CONC. O.H.D. **PATIO** 12 ° × 23° CONC. DUCTLESS MINI-SPLIT— HEAD UNIT FULL LT. LIVING RM. WD. SLOPED 0.H.D. 0.H.D.

## MAIN FLOOR PLAN

SCALE 1/4" = 1'-0"

**DUCT CONSTRUCTION:** -DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MINIMUM OF NO. 26 GAUGE SHEET STEEL AND HAVE NO OPENINGS INTO THE GARAGE. THIS WOULD ALSO PROHIBIT

FILTER ACCESS OPENINGS IN THE RETURN

SMOKE ALARM NOTE:

AIR DUCT SYSTEM.

- SMOKE ALARMS TO BE INTERCONNECTED OR WIRELESSLY CONNECTED SO THAT THE ACTIVATION OF ONE ALARM ACTIVATES ALL ALARMS IN A DWELLING UNIT.

DUCT SEALING & BLOWER TESTING: -DUCTS LOCATED OUTSIDE THE CONDITIONED SPACE MUST BE SEALED 4 TIGHTNESS VERIFIED BY LEAKAGE

TESTING PER WSEC SECTION 40322, AND

-AIR LEAKAGE TESTING REQUIRED FOR NEW HOUSES, MAXIMUM LEAKAGE ALLOWED PER WSEC 40322.

INSULATED TO A MINIMUM OF R-8.

FURNACE & HOT WATER TANK NOTE:

- FURNACE & HOT WATER APPLIANCES

- ALL COMBUSTION AIR TO COME

SHALL BE DIRECT VENT.

DIRECTLY FROM EXTERIOR - 30" CLEAR SPACE IN FRONT OF

FURNACE. - APPLIANCES TO BE FASTENED IN PLACE PER CODE.

- WATER HEATER TO BE INSTALLED A MIN. OF 18" ABY. FLR.

- INSULATION FOR ALL HOT WATER PIPES SHALL HAVE A MIN. THERMAL RESISTANCE OF R-3 WITHIN AND OUTSIDE CONDITIONED SPACE. INS. CAN BE INTERRUPTED WHEN PASSING THROUGH JST., STUDS, 4 STRUCTURAL MEMBERS. OR WHERE PASSING OTHER PIPING, CONDUIT, OR VENTS, PROVIDED THE INS. IS SECURED TIGHTLY TO EACH OBSTRUCTION.

WHOLE HOUSE VENTILATION SYSTEMS SHOULD COMPLY WITH MI5073, - FAN NOISE, WHOLE HOUSE FANS LOCATED 4' OR LESS FROM INTERIOR GRILL SHALL HAVE A SONE RATING OF I.O IN. WATER GAUGE - OUT DOOR AIR SHALL BE DISTRIBUTED TO EACH HABITABLE SPACE BY INDIVIDUAL OUTDOOR AIR INLETS - DOORS SHALL BE UNDERCUT TO A MIN. OF  $\frac{1}{2}$ " ABV. FIN. FLR. COVERING · INDIVIDUAL RM. OUTDOOR AIR INLETS SHALL

PROVIDE NOT LESS THAN 4 SQ. IN. OF NET FREE

AREA OF OPENING FOR EA. HABITABLE SPACE

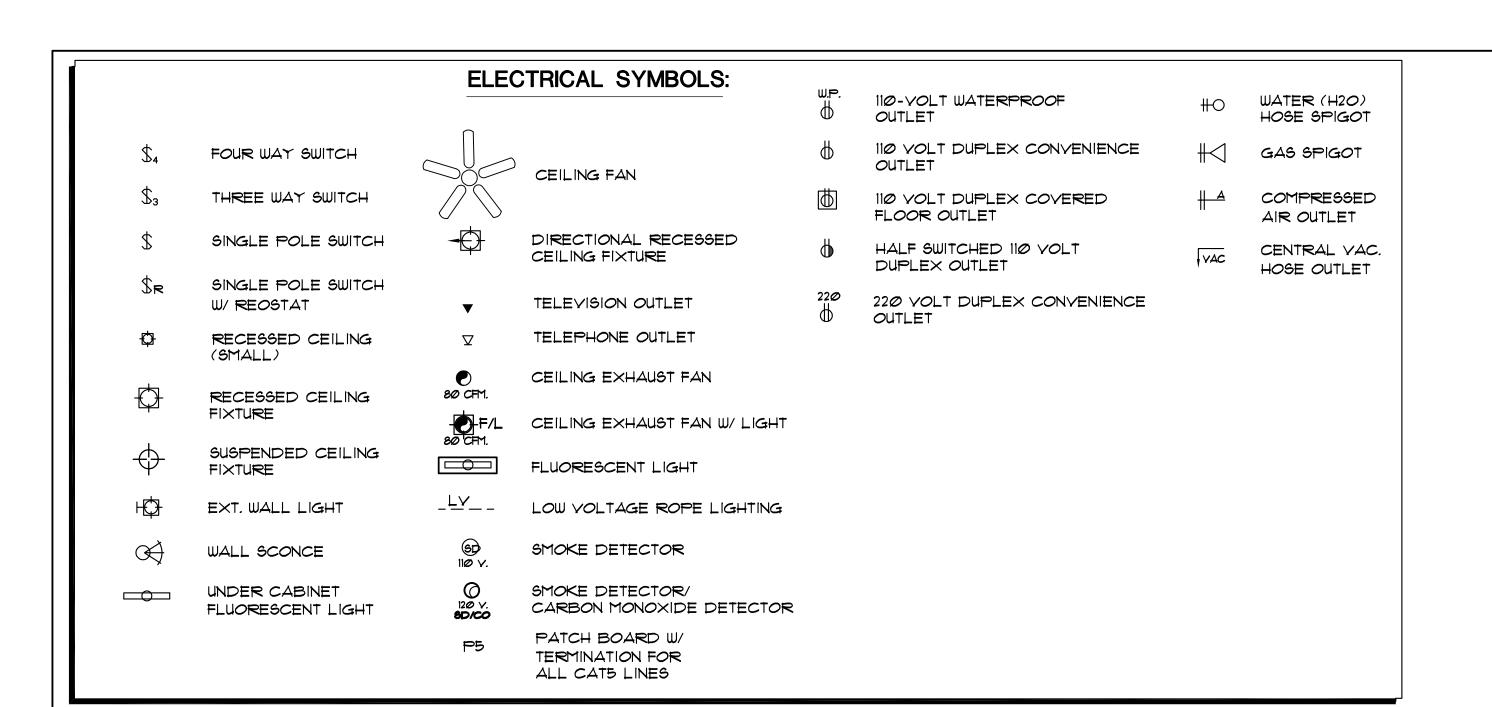
## FLOOR PLAN NOTES:

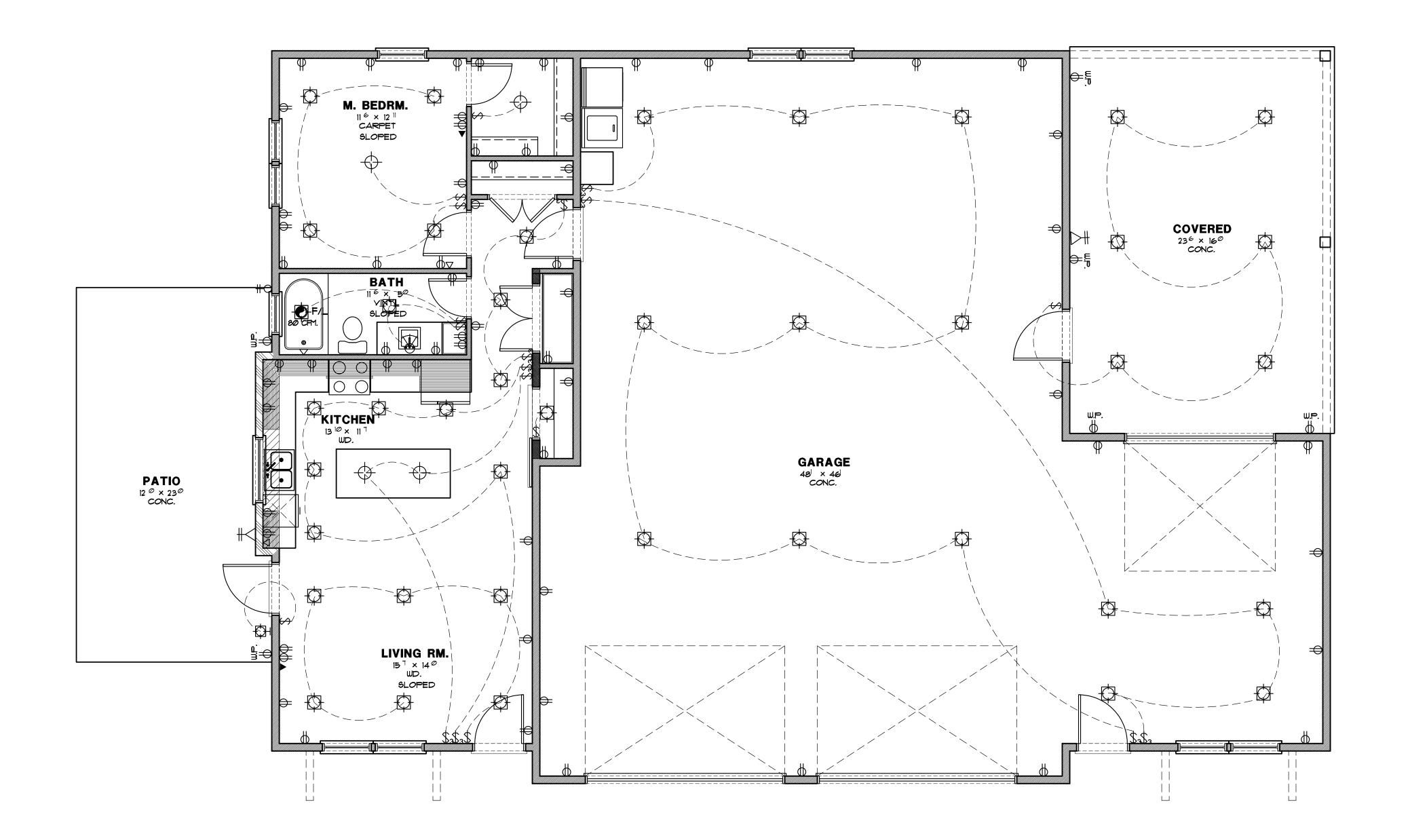
I. VINYL FRAME WINDOWS TYPICAL. ROUGH OPENINGS MAY VARY, VERIFY PER MFG. SPECS. 2. CABINET DESIGN BY OTHERS TO BE VERIFIED W/ ACTUAL FRAMED (AS BUILT) DIMENSIONS ON SITE. 3. FOR ALL BEAM SIZES & LOCATIONS REFER TO STRUCTURAL FRAMING PLANS & ENGINEERING CALCS DURING CONSTRUCTION. 4. SEE STRUCTURAL PLANS± FOUNDATION, FRAMING. & SHEAR WALL SHEETS FOR ALL SIMPSON HOLD-DOWNS AND STRAPS AND HANGERS.

FRAMING NOTE:

FOR ALL BEAM SIZES & LOCATIONS REFER TO STRUCTURAL FRAMING PLANS & ENGINEERING CALCS. DURING FRAMING CONSTRUCTION.

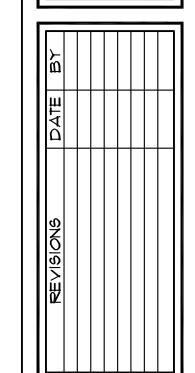
GUARDRAIL NOTE: SHOP DRAWINGS, SIGNED & SEALED BY A REGISTERED DESIGN PROFESSIONAL, WILL BE REQUIRED FOR THE GUARDRAIL SYSTEMS AT THE STAIRS & DECK.





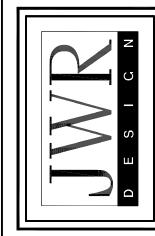
MAIN FLOOR ELECTRICAL PLAN

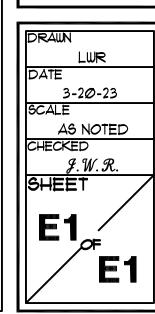
Barndominium 501 Plan # 23-1073

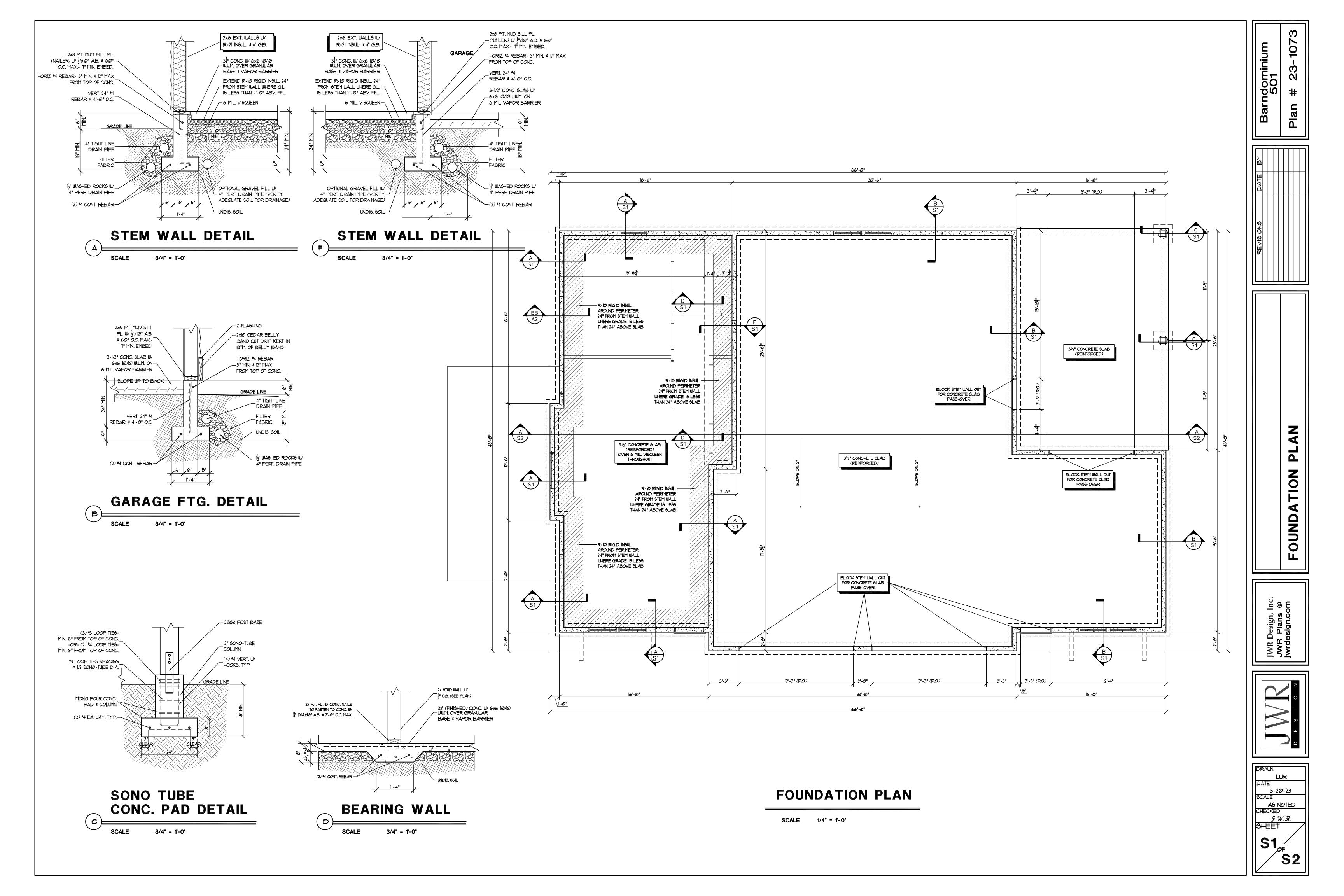


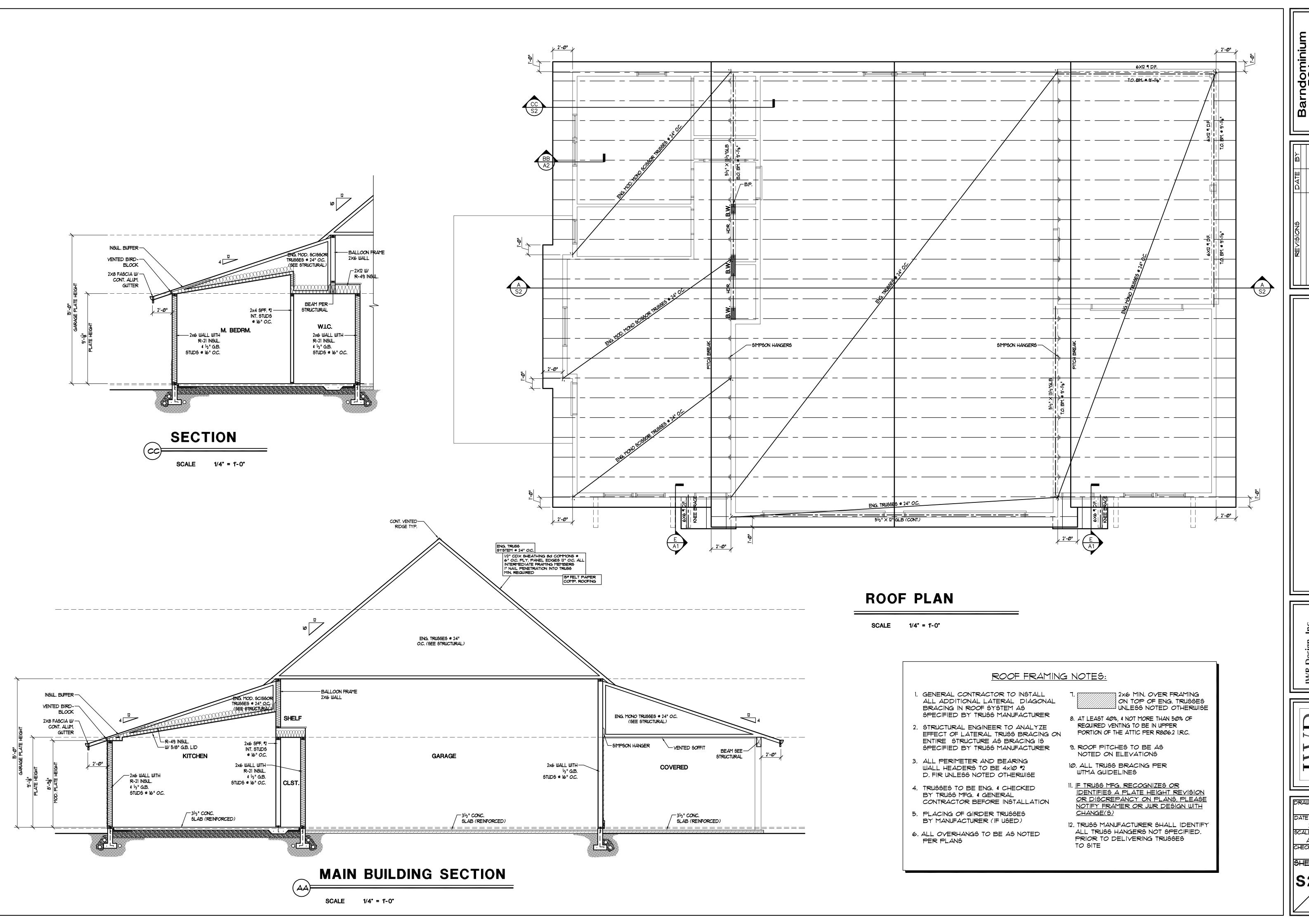
ELECTRICAL PLA

JWR Design, Inc. JWR Plans @ jwrdesign.com









3arndominium 501

REVISIONS DATE BY

AN & SECTIONS

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D E S I C N

LWR
DATE
3-20-23
SCALE
AS NOTED
CHECKED
F.W.R.
SHEET