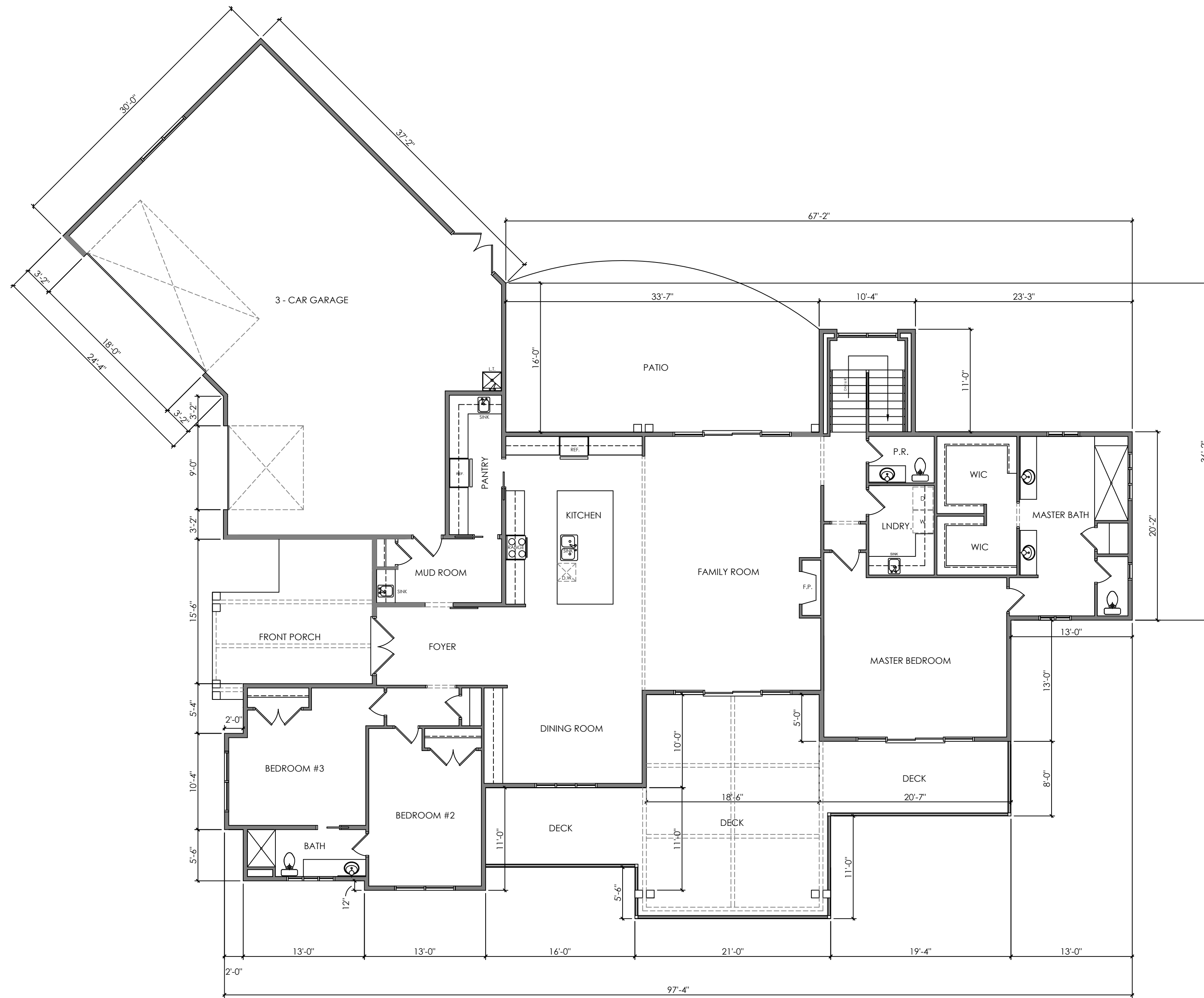


**HEADER SCHEDULE (unless otherwise noted)**

- up to 4'-0" use 2 - 2"x 8"
- 4'-1" to 6'-0" use 2 - 2"x 10"
- 6'-1" to 8'-0" use 2 - 2"x 12" w/1/2" plywood
- 8'-1" to 12'-0" use 2 - 2"x 10" w/1/4" steel plate

**LINTEL SCHEDULE (unless otherwise noted)**

- up to 4'-0" use L-3 1/2"x 3 1/2"x 5/16"
- 4'-1" to 6'-0" use L-5"x 3 1/2"x 5/16"
- 6'-1" to 8'-0" use L-6"x 3 1/2"x 5/16"



**FIRST FLOOR PLAN**

1/8" = 1'-0"

**CONSTRUCTION NOTES**

AS AGREED UPON, ARCHITECTURAL DRAWINGS ARE LIMITED TO THE PREPARATION OF A CONTRACTOR'S MEASURED SET OF DRAWINGS, EXCLUDING MECHANICAL, ELECTRICAL, PLUMBING AND SITE DRAWINGS.

DIMENSIONS INDICATED ON THE DRAWINGS ARE TO THE FACE OF STUDS. THEREFORE, FINISH ROOM DIMENSIONS MAY VARY DUE TO THE FINISH MATERIAL THICKNESS. THE OVERALL INTENT IS REPRESENTED IN DRAWING FORM. REFER ALL QUESTIONS TO THE ARCHITECT.

BUILDINGS AND STRUCTURES, AND ALL PARTS THEREOF, SHALL BE CONSTRUCTED ACCORDING TO THE 2015 INTERNATIONAL RESIDENTIAL CODE (IRC). THE FOLLOWING DESCRIBE HIGHLIGHTS OF THE CODE AND DO NOT REPRESENT THE CODE IN ITS ENTIRETY.

ALL STRUCTURAL COMPONENTS NOT COVERED BY THE 2015 IRC TO BE DESIGNED BY A STRUCTURAL ENGINEER REGISTERED IN THE COMMONWEALTH OF PENNSYLVANIA.

GENERIC DESIGN CRITERIA (CHECK WITH LOCAL JURISDICTION FOR LOCAL REQUIREMENTS):

SEISMIC DESIGN CATEGORY - A  
 CONCRETE WEATHERING - SEVERE  
 FROST LINE DEPTH - 36" MIN.  
 TERMITE INFESTATION PROBABILITY - MODERATE TO HEAVY  
 DECAY PROBABILITY - SLIGHT TO MODERATE  
 WINTER DESIGN TEMPERATURE - 0 DEGREES F  
 ICE SHIELD UNDERLAYMENT REQUIRED - YES

AIR FREEZING INDEX - 1,000 TO 15,000  
 MEAN ANNUAL TEMPERATURE - 45 DEGREES F TO 50 DEGREES F  
 TOPOGRAPHIC EFFECTS - TO BE DETERMINED BY LOCAL OFFICIAL

FLOOD HAZARDS - COORDINATE WITH LOCAL JURISDICTION AND THE NATIONAL FLOOD INSURANCE PROGRAM

GARAGE AND CARPORTS TO HAVE A MINIMUM 20-MINUTE FIRE-RATED DOOR AND SEPARATED FROM ALL HABITABLE ROOMS BY NOT LESS THAN 5/8" TYPE-X GYPSUM BOARD OR EQUIVALENT. THE STRUCTURE SUPPORTING THE FLOOR - CEILING ASSEMBLY SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2" GYPSUM WALLBOARD OR EQUIVALENT.

EMERGENCY ESCAPE AND RESCUE OPENINGS. AT LEAST ONE OPERABLE EMERGENCY ESCAPE AND RESCUE OPENING IS REQUIRED IN BASEMENTS AND EVERY SLEEPING ROOM.

MIN. OPENING AREA - 5.7 S.F. (5 S.F. FOR GROUND FLOOR OPENINGS).  
 MIN. OPENING HEIGHT - 24".  
 MIN. OPENING WIDTH - 20".  
 MAX. SILL HEIGHT - 44" A.F.F.

GENERIC STAIR GEOMETRY (CHECK WITH LOCAL JURISDICTION FOR LOCAL REQUIREMENTS):

RISER - 7 1/2" MAX.  
 TREAD - 10" MIN.

SMOKE DETECTORS ARE TO COMPLY WITH THE 2009 IRC, SECTION R 314.

SOIL TESTS: IN AREAS LIKELY TO HAVE EXPANSIVE, COMPRESSIBLE, SHIFTING OR OTHER UNKNOWN SOIL CHARACTERISTICS, THE BUILDING OFFICIAL SHALL DETERMINE WHETHER TO REQUIRE A SOIL TEST TO DETERMINE THE SOIL CHARACTERISTICS AT A PARTICULAR LOCATION.

ALL FOOTINGS TO COMPLY WITH THE 2015 IRC, SECTION R 403.

ALL FOUNDATION WALLS TO COMPLY WITH THE 2015 IRC, SECTION R 404.

ALL FOUNDATION DRAINAGE TO COMPLY WITH THE 2015 IRC, SECTION R 405.

ALL FOUNDATION WATERPROOFING AND DAMPROOFING TO COMPLY WITH THE 2015 IRC, SECTION R 406.

ALL WOOD FLOOR FRAMING TO COMPLY WITH THE 2015 IRC, SECTION R 502.

ALL WOOD WALL FRAMING TO COMPLY WITH THE 2015 IRC, SECTION R 602.

ALL WOOD ROOF FRAMING TO COMPLY WITH THE 2015 IRC, SECTION R 802.

ALL CHIMNEYS AND FIREPLACES TO COMPLY WITH THE 2015 IRC, APPENDIX F.

(TYPICAL SUB-SLAB DEPRESSURIZATION PASSIVE RADON SYSTEM)

PENNSYLVANIA CLIMATE ZONES: ALLEGHENY - 5A WESTMORELAND - 5A

A - MOIST - MOISTURE REGIME

ALL MECHANICAL SYSTEMS TO COMPLY WITH THE 2015 IRC, CHAPTER 13.

ALL PLUMBING SYSTEMS TO COMPLY WITH THE 2015 IRC, CHAPTER 26.

ALL ELECTRICAL SYSTEMS TO COMPLY WITH THE 2015 IRC, CHAPTER 33.

ALL RADON CONTROL METHODS TO COMPLY WITH THE 2015 IRC, APPENDIX F.

THERMAL PERFORMANCE OF THE BUILDING ENVELOPE TO COMPLY WITH THE 2015 IRC, SECTION N 1102.

MECHANICAL GENERAL NOTES:

1. TYPE OF APPLIANCE AND BTU CAPACITY - 96% EFFICIENT GAS FORCED AIR 80,000 INPUT.

2. ACCESS TO APPLIANCE / RECEPTACLE AND LIGHT - OPEN IN ROOM - PLUG NEXT TO HOT WATER TANK WHICH IS NEXT TO FURNACE - LIGHTS BY CODE IN BASEMENT.

3. EQUIPMENT CLEARANCES TO COMBUSTIBLES - ONE INCH ALL THE WAY AROUND.

4. MANUAL "J" CALCULATIONS FOR EQUIPMENT SIZING - IN HANDOUT.

5. NATURAL GAS LINES (PLASTIC EXTERIOR - STEEL INTERIOR).

ELECTRICAL EFFICIENCY NOTES:

1. INSULATION R VALUES - SEE DETAIL.

2. APPLIANCE EFFICIENCY - AC 13.

3. WATER TANK VOLUME AND BTU CAPACITY - 50 GALLONS, 50,000 BTUS

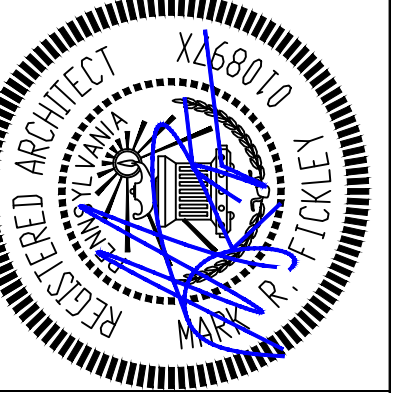
4. A/C PIPE INSULATION THICKNESS = 3/8".

5. SEALING MATERIAL FOR DUCT SEAMS AND JOINTS = 2 INCH SILVER TAPE.

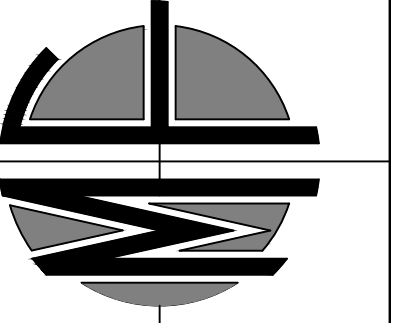
**ELECTRICAL LEGEND**

- LIGHT
- RECESSED LIGHT
- CONVENIENCE OUTLET
- GFI CONVENIENCE OUTLET
- WEATHER PROOF OUTLET
- 220 OUTLET
- SWITCH
- THREE-WAY SWITCH
- SMOKE DETECTOR
- CO2 DETECTOR
- CEILING FAN / LIGHT
- EXHAUST FAN / LIGHT
- EXHAUST FAN ONLY
- TV
- DOORBELL CHIME
- SPOT LIGHT

DISCLAIMER:  
 THIS SET OF ARCHITECTURAL PLANS PROVIDE INFORMATION NECESSARY TO CONSTRUCT THE BUILDING REPRESENTED ACCORDING TO ALL LOCAL BUILDING CODES AND GENERAL CONSTRUCTION PRACTICES. MINOR REVISIONS / CHANGES MAY BE MADE BY THE GENERAL CONTRACTOR DURING CONSTRUCTION REGARDING DIMENSIONS, MATERIALS, AND METHODS DUE TO UNFORESEEN FIELD CONDITIONS. SUCH CHANGES SHALL NOT INCREASE OR DECREASE THE ORIGINAL CONTRACT AMOUNT BUT BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE BUILDING.



**MARK R. FICKLEY, RA - RLA**  
 ARCHITECTURE • LANDSCAPE ARCHITECTURE • PLANNING  
 PITTSBURGH, PENNSYLVANIA MYRTLE BEACH, SOUTH CAROLINA  
 PHONE 412 . 956 . 1493 • mfickley@gmail.com



**FIRST FLOOR PLAN**  
 DEBOLD HOUSE  
 1746 ROUTE 980  
 McDONALD, PENNSYLVANIA 15057  
 CECIL TOWNSHIP WASHINGTON COUNTY

DATE ISSUED:  
 11.14.24

JOB NO.  
 24-22

REVISIONS

SHEET NO.  
**A5**