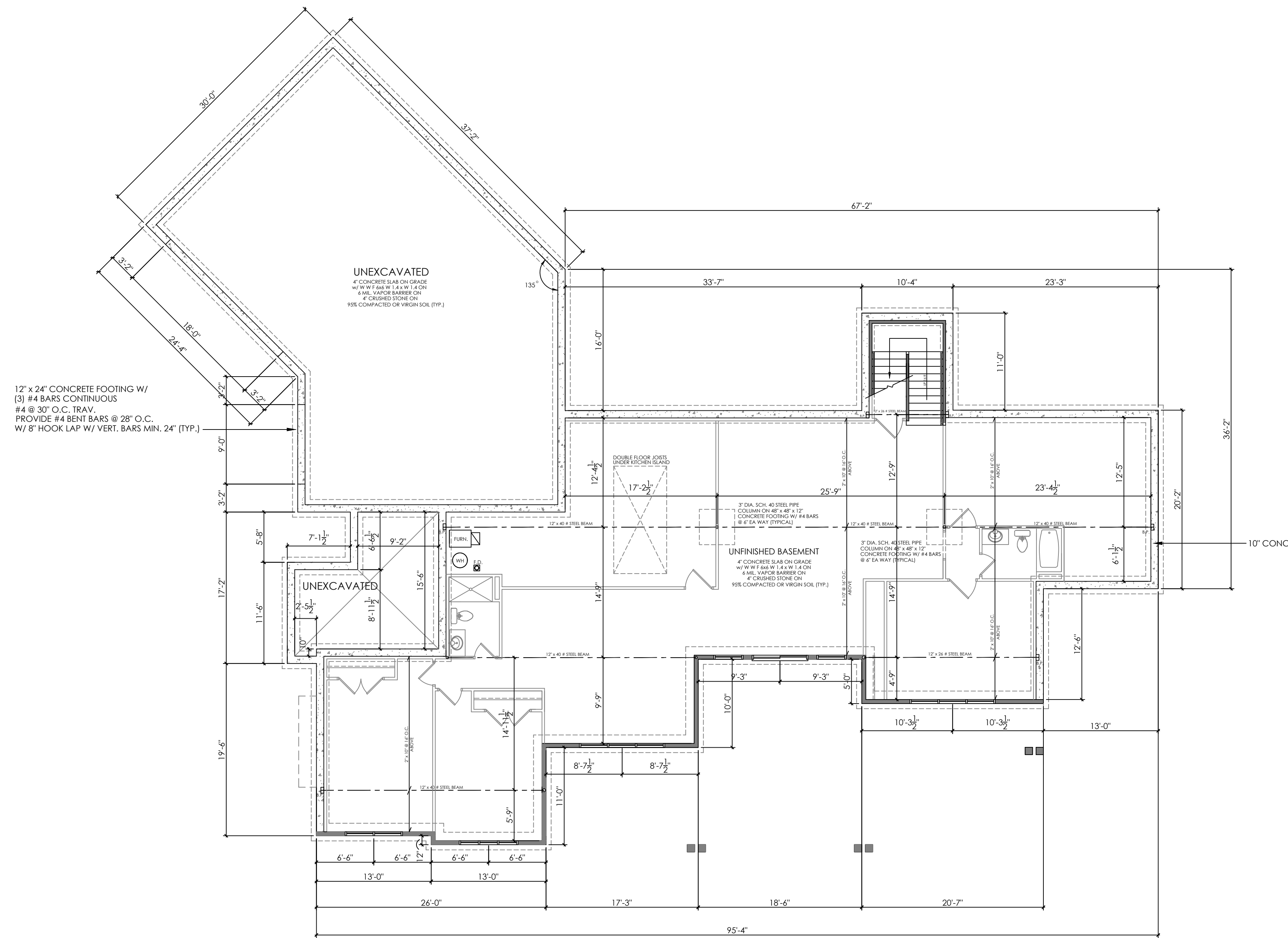


HEADER SCHEDULE (unless otherwise noted)

- 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"



12" x 24" CONCRETE FOOTING W/
 (3) #4 BARS CONTINUOUS
 #4 @ 30" O.C. TRAV.
 PROVIDE #4 BENT BARS @ 28" O.C.
 W/ 8" HOOK LAP W/ VERT. BARS MIN. 24" (TYP.)

GENERAL STRUCTURAL NOTES

- LOADS**
- ROOF SNOW LOAD - 18 PSF (25 PSF GROUND SNOW)
 - ROOF DEAD LOAD - 10 PSF
 - ROOF CEILING LIVE LOAD - 20 PSF
 - ROOF CEILING DEAD LOAD - 10 PSF
 - FLOOR LIVE LOAD - 40 PSF (30 PSF AT SLEEPING AREA)
 - FLOOR DEAD LOAD - 20 PSF
 - SOIL BEARING CAPACITY - 1,500 PSF
 - WIND - 90 MPH (3 SECOND GUST)
- FRAMING**
- DESIGN IS BASED ON 2009 INTERNATIONAL RESIDENTIAL CODE.
 - WOOD FRAME ENGINEERING IS BASED ON THE NDS, "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" - LATEST EDITION.
 - FASTEN EACH ROOF RAFTER TO THE TOP PLATE WITH SIMPSON 112.5 CLIPS (OR APPROVED EQUAL) AT ALL BEARING POINTS. PROVIDE (2) 112.5 CLIPS AT 2-PLY RAFTERS AT ALL BEARING POINTS.
 - ROOF SHEATHING SHALL BE 7/16" OSB A.P.A. RATED SHEATHING 24/16, EXPOSURE 1. FASTEN SHEATHING TO FRAMING MEMBERS WITH 8d NAILS AT 8" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.
 - ALL HIP AND RIDGES TO BE (1) 2X10 UNLESS OTHERWISE NOTED.
 - ALL EXTERIOR HEADERS TO BE (2) 2X10 (TYP.) (U.N.O.)
 - ALL HEADERS SHALL BE SUPPORTED BY (1) 2X JACK STUD AND (1) 2X KING STUD, MINIMUM. THE NUMBER OF STUDS SPECIFIED AT A SUPPORT INDICATES THE NUMBER OF JACK STUDS REQUIRED. U.N.O.
 - ALL ENGINEERED LUMBER PRODUCTS ARE TO MEET OR EXCEED THE FOLLOWING VALUES:
 F_y = 2,600 PSI
 E = 1,900 PSI

- ALL WOOD STRUCTURAL MEMBERS ARE TO HEM-FIR #2 OR BETTER.
 - ALL STEEL W-SHAPES ARE TO ASTM A992 GRADE 50 STEEL.
 - ALL STEEL PLATES AND ANGLES TO BE ASTM A-36.
 - FACE NAIL MULTI-PLY 2X BEAMS AND HEADERS WITH 2 ROWS OF 12d NAILS AT 12" O.C. STAGGERED. APPLY NAILING FROM BOTH FACES AT 5-PLY OR MORE CONDITIONS.
 - SHEATH ALL EXTERIOR WALLS WITH 7/16" OSB FASTENED WITH 8d NAILS AT 6" O.C. AT EDGES AND 12" O.C. IN THE FIELD. PROVIDE 2X HORIZONTAL BLOCKING BETWEEN STUDS AT PANEL EDGES.
 - PROVIDE SOLID BLOCKING WITHIN FLOOR SYSTEM AND UNDER ALL POSTS.
 - FLOOR SHEATHING SHALL BE 23/32 A.P.A. RATED STURD-I-FLOOR 24/16, EXPOSURE 1, TONGUE AND GROOVE EDGES. FASTEN SHEATHING TO FRAMING MEMBERS WITH GLUE AND 10d COMMON NAILS @ 8" O.C. AT PANEL EDGES AND 12" AT INTERMEDIATE SUPPORTS. GLUE ADHESIVES SHALL CONFORM TO THE PERFORMANCE SPECIFICATIONS IN AFG-01.
 - JOIST SHOP DRAWINGS SHALL BE SUBMITTED TO ARCHITECT / ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND DELIVERY.
 - ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH CONCRETE OR MASONRY FOUNDATIONS SHALL PRESERVATIVE-TREATED SOUTHERN PINE #2 OR BETTER.
 - BUILDER TO VERIFY CORROSION-RESISTENCE COMPATIBILITY OF HARDWARE AND FASTENERS IN CONTACT WITH PRESERVATIVE-TREATED WOOD. CONTACT LUMBER AND HARDWARE SUPPLIERS TO COORDINATE.
 - DOUBLE 2X4 STUDS ARE TO BE PROVIDED IN BEARING WALLS WHERE WALL PLATES ARE CUT ON BOTH SIDES OF A STUD FOR HEAT AND COLD AIR CHASSES / RETURNS.
 - ALL STEEL PIPE COLUMNS SUPPORTING STEEL BEAMS ARE TO BE BOLTED OR WELDED TO THE SUPPORTED MEMBER.
 - CONNECTIONS OF MULTI-PLY LVLS AT FACE MOUNT HANGERS ARE TO BE PER THE LVL MANUFACTURER'S SPECIFICATIONS TO DEVELOP THE FULL STRENGTH OF THE DESIGNED HANGER.
- FOUNDATIONS**
- CONCRETE DESIGN IS BASED ON ACI 318-08. (f_c = 3,500 psi), (f_y = 60,000 psi).
 - PROVIDE 1/2" DIA. ANCHOR BOLTS AT 6'-0" O.C. (MIN 2 PER PLATE, MAX. 12" FROM THE END OF PLATE) WITH 7" MINIMUM EMBEDMENT INTO FOUNDATION WALL. TYPICAL AT PERIMETER.
 - ALL FOOTINGS TO BEAR BELOW FROST LINE (MINIMUM 36" BELOW FINISHED GRADE).
 - PROVIDE CONTROL JOINTS AT ALL INSIDE CORNERS OF SLAB EDGES AND OTHER LOCATIONS WHERE SLAB CRACKS ARE LIKELY TO DEVELOP.

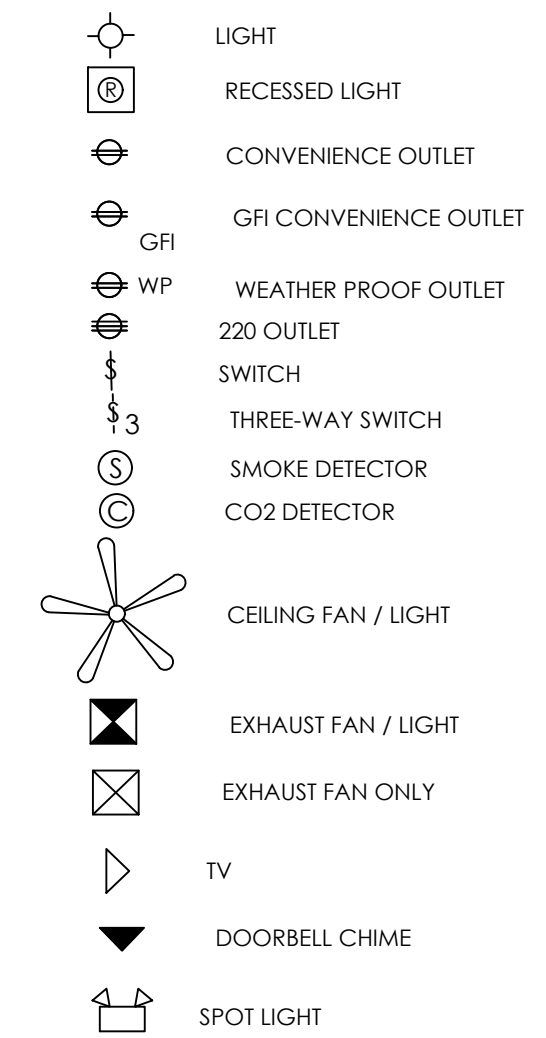
- LOOSE LINTELS (4" MINIMUM BEARING)**
1. UP TO 4'-0" M.O. : 8" WALL = 2L - 4x3 1/2 x 5/16 (LLV). 12" WALL = 3L - 4x3 1/2 x 5/16 (LLV)
 2. 4'-0" TO 6'-0" M.O. : 8" WALL = 2L - 5x3 1/2 x 5/16 (LLV). 12" WALL = 3L - 5x3 1/2 x 5/16 (LLV)
 3. 6'-0" TO 8'-0" M.O. : 8" WALL = 2L - 6x3 1/2 x 5/16 (LLV). 12" WALL = 3L - 6x3 1/2 x 5/16 (LLV)

FURNACE: 80,000 BTU 95%
 AIR CONDITIONER: 3 1/2 TON 13 SEER 410A
 COIL: 3 1/2 TON 13 SEER 410A

NOTE:
 AN ENERGY EFFICIENCY LABEL SHALL BE PLACED ON OR IN THE ELECTRICAL PANEL. THE CERTIFICATE SHALL NOT COVER OR OBSTRUCT THE VISIBILITY OF THE CIRCUIT DIRECTORY LABEL, SERVICE DISCONNECT LABEL, OR OTHER LABELS. THE CERTIFICATE SHALL BE COMPLETED BY THE BUILDER.

- ⊙ DENOTES SMOKE DETECTOR
- ⊙ DENOTES CARBON MONOXIDE DETECTOR
- ⊙ BEAM POCKET

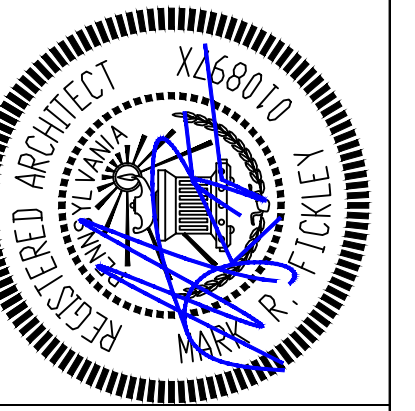
ELECTRICAL LEGEND



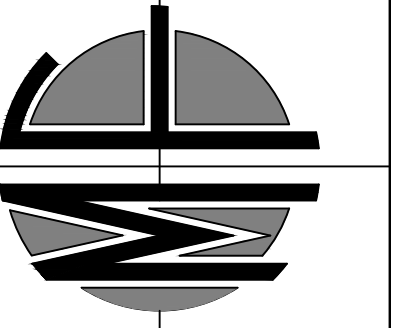
DISCLAIMER:
 THIS SET OF ARCHITECTURAL PLANS PROVIDE INFORMATION NECESSARY TO CONSTRUCT THE BUILDING REPRESENTED ACCORDING TO ALL LOCAL BUILDING CODES AND GENERAL CONSTRUCTION PRACTICES. MINOR REVISIONS / CHANGES MAY BE MADE BY THE GENERAL CONTRACTOR DURING CONSTRUCTION REGARDING DIMENSIONS, MATERIALS, 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.

BASEMENT PLAN

1/8" = 1'-0"



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BASEMENT 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.

A4