

| FLOOR PLAN - SYMBOL LEGEND                                   |  |
|--|--|
| DESCRIPTION  | SYMBOL   |
| INTERIOR LOAD BEARING WALL                                   |  |
| STONE OR BRICK VENEER  |  |
| JOIST SIZE AND DIRECTION                                     |  |
| HEADER/ BEAM   | SIZE OF MEMBER PER HEADER/ BEAM SCHEDULE NUMBER OF PLYS<br>N° IF UPSET |
| GENERAL  |  |
| POINT LOAD   |  |
| APPROX WINDOW FRAME SIZE IN INCHES (SEE GENERAL NOTES BELOW) |  |
| SPOKE ALARM  |  |
| SPOKE / CARBON MONOXIDE ALARM                                |  |

| HEADER / BEAM SCHEDULE |              |               |          |
|------------------------|--------------|---------------|----------|
| MARK                   | LUMBER SIZE  | CRIPPLE STUDS | TRIMMERS |
| (C1)                   | 12 x 8       |               |          |
| (C2)                   | 12 x 6       |               |          |
| (C3)                   | 12 x 4       |               |          |
| (C4)                   | 12 x 2       |               |          |
| (H1)                   | 12 x 14 LVL  | 2             |          |
| (H2)                   | 12 x 12 LVL  | 2             |          |
| (H3)                   | 12 x 10 LVL  | 2             |          |
| (H4)                   | 12 x 8 LVL   | 2             |          |
| (H5)                   | 12 x 6 LVL   | 2             |          |
| (H6)                   | 12 x 4 LVL   | 2             |          |
| (H7)                   | 12 x 2 LVL   | 2             |          |
| (H8)                   | 12 x 1 LVL   | 2             |          |
| (H9)                   | 12 x 1/2 LVL | 2             |          |

1. BEAMS SHALL HAVE TOTAL NUMBER OF CRIPPLES AND TRIMMERS UNDER EACH END. SOLID BLOCK BELOW.  
 2. FOR LVL, BEAMS IN 2ND FLOOR, USE 8 1/4" LVL.

| FLOOR JOIST SCHEDULE |                     |              |                  |          |
|----------------------|---------------------|--------------|------------------|----------|
| MARK                 | TYPE                | SUB-TYPE     | SIZE (SPACING)   | MAX SPAN |
| FJ-1                 | 1" JOIST (SEE NOTE) | 2" UP        | PER MANUFACTURER |          |
| FJ-2                 | 1" JOIST (SEE NOTE) | 1" UP        | PER MANUFACTURER |          |
| FJ-3                 | 1" JOIST (SEE NOTE) | 1" UP        | PER MANUFACTURER |          |
| FJ-4                 | OPEN WEB TRUSS      | 14"          | PER MANUFACTURER |          |
| FJ-5                 | OPEN WEB TRUSS      | 18"          | PER MANUFACTURER |          |
| FJ-20                | LUMBER              | AGG. TREATED | 2x6 @ 12" O.C.   | 16'-2"   |
| FJ-21                | LUMBER              | AGG. TREATED | 2x6 @ 12" O.C.   | 14'      |
| FJ-22                | LUMBER              | 2x6          | 12" O.C.         | 14'-2"   |
| FJ-23                | LUMBER              | 2x6          | 12" O.C.         | 9'-2"    |
| FJ-24                | LUMBER              | 2x6          | 12" O.C.         | 11'-4"   |
| FJ-25                | LUMBER              | 2x6          | 12" O.C.         | 8'-9"    |
| FJ-26                | LUMBER              | 2x6          | 12" O.C.         | 10'-11"  |
| FJ-27                | LUMBER              | 2x6          | 12" O.C.         | 10'-11"  |
| FJ-28                | LUMBER              | 2x6          | 12" O.C.         | 11'-0"   |
| FJ-29                | LUMBER              | 2x6          | 12" O.C.         | 14'-0"   |

NOTE: DESIGN JOISTS (LOADS) BY TOTAL LIVE AND DEAD LOADS WITH A MAX. DEFLECTION OF L/360, EXCEPT BELOW BATHROOMS AND TILED AREAS WHERE THE DEFLECTION SHALL BE L/480 MAX.

| CONCRETE WALL SCHEDULE |               |                   |            |
|------------------------|---------------|-------------------|------------|
| MARK                   | CONCRETE WALL | REINFORCING       | GRADE ADJ. |
| (C1)                   | 8"            | 4# @ 16" VERTICAL | 2" - 4#    |
| (C2)                   | 8"            | 4# @ 16" VERTICAL | 1" - 4#    |
| (C3)                   | 8"            | 4# @ 16" VERTICAL | 1" - 4#    |
| (C4)                   | 8"            | 4# @ 16" VERTICAL | 1" - 4#    |
| (C5)                   | 8"            | 4# @ 16" VERTICAL | 1" - 4#    |
| (C6)                   | 8"            | 4# @ 16" VERTICAL | 1" - 4#    |
| (C7)                   | 8"            | 4# @ 16" VERTICAL | 1" - 4#    |
| (C8)                   | 8"            | 4# @ 16" VERTICAL | 1" - 4#    |
| (C9)                   | 8"            | 4# @ 16" VERTICAL | 1" - 4#    |
| (C10)                  | 8"            | 4# @ 16" VERTICAL | 1" - 4#    |
| (C11)                  | 8"            | 4# @ 16" VERTICAL | 1" - 4#    |

| COLUMN & PAD SCHEDULE |            |               |                           |           |
|-----------------------|------------|---------------|---------------------------|-----------|
| MARK                  | PAD SIZE   | 14 BARS REQ'D | COLUMN SIZE (SCHEDULE 40) | MAX. LOAD |
| (A)                   | 36"x36"x4" | 8             | 3"                        | 103 K     |
| (B)                   | 48"x48"x4" | 8             | 3"                        | 249 K     |
| (C)                   | 60"x60"x4" | 10            | 35"                       | 375 K     |
| (D)                   | 72"x72"x4" | 12            | 3"                        | 540 K     |

| PIER SCHEDULE |  |               |
|---------------|--|---------------|
| MARK          | PIER DIAMETER (POST AGG OR CEDAR UNDO) | MAX. LOAD     |
| (P)           | 6"                                     | 6x8 UNDO 11 K |
| (Q)           | 8"                                     | 6x8 UNDO 26 K |
| (R)           | 12"                                    | 6x8 UNDO 47 K |

1. PAD AND PIER SIZES ASSUME 8000 PSF SOIL BEARING CAPACITY.  
 2. 10" MAX STEEL COLUMN HEIGHT FROM BASE PLATE TO TOP OF COLUMN CONSULT ARCHITECT IF SITE CONDITIONS REQUIRE TALLER COLUMNS.

- GENERAL NOTES:
- FURNACE & DIRECT VENT AND USES OUTSIDE AIR FOR COMBUSTION.
  - FOR COVERED PORCH FRAMING - SEE DETAIL 1/53.
  - SEE 64 SHEET FOR LOCATION OF HOLD-DOWN TIES FOR BRACED WALL PANELS.

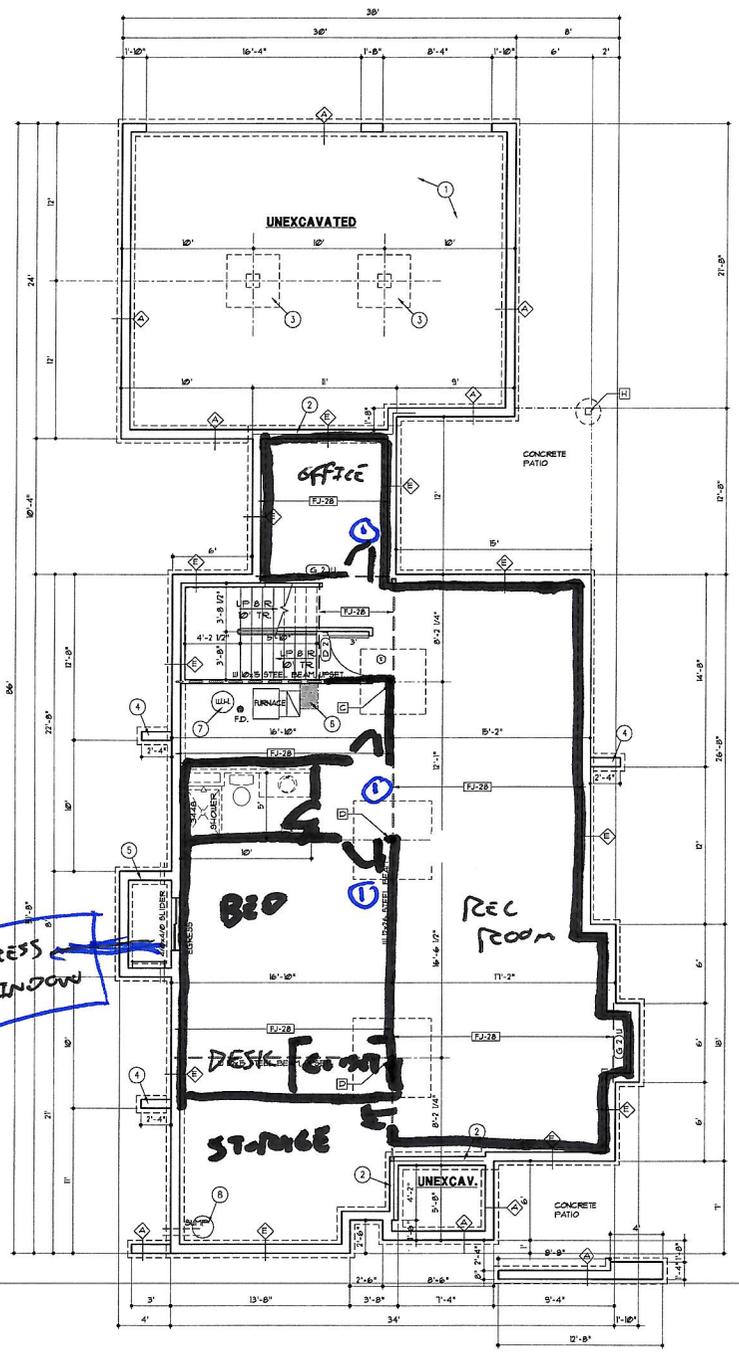
FOUNDATION PLAN NOTES

- SEE DETAIL 3/52 FOR GARAGE SLAB CONSTRUCTION.
- SLILL PLATE SET BACK - SEE DETAIL 4/52.
- CONCRETE PIER AND PAD - SEE DETAIL 3/52.
- RETURN WALL - SEE DETAIL 8/52.
- CONCRETE WINDOW WELL WITH LADDER - SEE DETAIL 9/52.
- HVAC CHASE ABOVE.
- PROVIDE THERMAL EXPANSION CONTROL DEVICE.
- SLIPP PIT 4 PUMP. PROVIDE ELECTRICAL RECEPTACLE WITH GFCI PROTECTION. PROVIDE SLEEVE THROUGH FOOTING.

① SMOKE/CO<sub>2</sub> DETECTORS

RELEASE FOR CONSTRUCTION  
 AS NOTED FOR PLAN REVIEW  
 DEVELOPMENT ADDRESS:  
 LEE'S SUMMIT, MISSOURI  
 09/04/2025

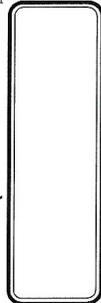
EGRESS WINDOW



CONSTRUCTION AND SITE PREPAREMENT CONTRACTORS ONLY. THIS PLAN IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE USER ASSUMES ALL LIABILITY FOR ANY ERRORS OR OMISSIONS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND REGULATORY APPROVALS. (SHEET NO. 01-02-03-04-05)

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10/5/2022

DRAWN BY: KR, PFP  
 DATE: 10-04-22  
 PROJECT: 21-0071-01

FOUNDATION PLAN  
 1/4" = 1'-0"