1ST FLOOR FRAMING: (SEE SKS-1 FOR DETAILS)

TYPICAL FRAMING OBSERVED INCLUDED:

- CONTINUOUS TWO SPAN 1-3/4”x 7-3/4” JOISTS AT 16”oc SUPPORTED AT THE NORTH AND SOUTH FOUNDATION WALL AND A CONTINUOUS THREE SPAN (3) 2”x 7-3/4” DROPPED BEAM APPROXIMATELY AT JOIST MIDSPAN.
- CONTINUOUS THREE SPAN (3) 2”x 7-3/4” DROPPED BEAM SUPPORTED AT THE EAST FOUNDATION WALL AND MULTIPLE 12”x 812” BRICK PIERS.
- CONTINUOUS TWO SPAN (3) 2”x 7-3/4” DROPPED BEAM SUPPORTED AT THE WEST FOUNDATION WALL AND A 12”x 12” BRICK PIER AND A STEEL SUPPORT POST APPROXIMATELY AT MID-SPAN OF THE BEAM.
- ALL OTHER FRAMING WAS INACCESSIBLE FOR OBSERVATION DUE TO A CEILING IN PLACE.

OBSERVATIONS & ANALYSIS: (SEE SKS-1 & AKS-1 FOR DETAILS)

- 1ST FLOOR FRAMING OBSERVED IN GENERALLY GOOD CONDITION.
- CONTINUOUS THREE SPAN (3) 2”x 7-3/4” DROPPED BEAM IS UNDERSIZED FOR CURRENT LOADING REQUIREMENTS. RECOMMEND REINFORCING. RECOMMEND NEW SUPPORT POSTS.
- CONTINUOUS TWO SPAN (3) 2”x 7-3/4” DROPPED BEAM IS UNDERSIZED FOR CURRENT LOADING REQUIREMENTS. RECOMMEND NEW SUPPORT POSTS.
OBSERVATIONS & ANALYSIS (CONT):

- 1ST FLOOR FRAMING OBSERVED MEETS THE CODE REQUIRED LOADING FOR THE CURRENT BUILDING’S USE AS A RESIDENCE WITH RECOMMENDED REPAIRS. ALL OTHER FRAMING NOT OBSERVED DUE TO IN PLACE CEILING, INCLUDING STAIR TRIMMERS AND HEADER, WOULD NEED TO BE EVALUATED TO DETERMINE 1ST FLOOR FRAMING CONDITION AND LOAD CAPACITY.
Photo P1:
Ceiling covering area below hall and bedroom #1A. Assumed existing 2-span 1-3/4”x 7-3/4” joists spanning between the north foundation wall and a continuous 3-span (3) 2”x 7-3/4” dropped beam looking west. Framing inaccessible for observation.

Photo P2:
Existing 2-span 1-3/4”x 7-3/4” joists below the common areas spanning between the south foundation wall and a continuous 3-span (3) 2”x 7-3/4” dropped beam looking west.

Photo P3:
Ceiling covering area below kitchen. Existing joists assumed spanning between the south foundation wall and a continuous 2-span (3) 2”x 7-3/4” dropped beam looking west. Framing inaccessible for observation.
Photo P4:
Ceiling covering area below bedroom #2A. Existing joists assumed spanning between the north foundation wall and a continuous 2-span (3) 2"x 7-3/4" dropped beam looking east. Framing inaccessible for observation.

Photo P5:
Existing continuous 3-span (3) 2"x 7-3/4" dropped beam supported on the east foundation wall and multiple 12"x12" brick piers looking south.

Photo P6:
Existing continuous 2-span (3) 2"x 7-3/4" dropped beam spanning between the west foundation wall and a 12"x12" brick pier with a steel support post approximately mid-span looking west.
1ST FLOOR LIVE LOADS
SLEEPING AREAS  30PSF
ALL OTHER AREAS  40PSF
GENERAL NOTES

1. FASTENERS SHOWN ARE SIMPSON STRONG-TIE FASTENERS AND ARE SELECTED FOR LOAD REQUIREMENTS. SUBSTITUTION IS PERMITTED IF LOAD CAPACITIES OF ALTERNATE FASTENERS ARE OF EQUAL OR GREATER CAPACITY THAN COMPARABLE SIMPSON FASTENERS.

2. METAL CONNECTOR HARDWARE SHOWN IN DETAILS ARE SIMPSON STRONG-TIE CONNECTORS AND ARE SELECTED FOR LOAD REQUIREMENTS. SUBSTITUTION IS PERMITTED IF LOAD CAPACITIES OF ALTERNATE ARE OF EQUAL OR GREATER CAPACITY THAN COMPARABLE SIMPSON CONNECTOR. FASTENING SHALL BE PER MANUFACTURER'S REQUIREMENTS USING SD SCREWS.

8. ALL ENGINEERED LUMBER SHALL HAVE THE FOLLOWING MINIMUM DESIGN PROPERTIES:

<table>
<thead>
<tr>
<th>ENGINEERED WOOD PROPERTIES</th>
<th>Fb (psi)</th>
<th>Fc PARR (psi)</th>
<th>Fc PERP (psi)</th>
<th>Fv (psi)</th>
<th>E (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LVL</td>
<td>2600</td>
<td>2510</td>
<td>750</td>
<td>285</td>
<td>1.9 x 10^6</td>
</tr>
</tbody>
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TYPICAL NEW SUPPORT POST DETAIL