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

TYPICAL FRAMING OBSERVED INCLUDED:
- SINGLE SPAN 1-3/4”x 6-3/4” WOOD JOISTS AT 16”oc SPANNING EAST-WEST BETWEEN 6” WIDE FLANGE STEEL BEAMS AND THE SOUTHEAST FOUNDATION WALL AND SPANNING NORTH-SOUTH BELOW THE KITCHEN BETWEEN NORTH AND SOUTH FOUNDATION WALLS.
- SEVERAL 6” WIDE FLANGE STEEL BEAMS.
- SINGLE SPAN FLUSH FRAMED 6-1/2”x 6-1/2” WOOD BEAMS SUPPORTING JOIST FRAMING.
- CONTINUOUS 2-SPAN FLUSH FRAMED 6”x 6” WOOD BEAM.

OBSERVATIONS & ANALYSIS: (SEE SKS-1 & AKS-1 FOR DETAILS)
- 1ST FLOOR FRAMING IN GENERAL GOOD CONDITION, BUT CONDITION OF SOME FRAMING OBSERVED BASED ON BOTTOM PORTION OF JOISTS. THE UPPER PORTION OF THE JOISTS WAS CONCEALED BY INSULATION.
- DAMAGED JOISTS OBSERVED BELOW COMMON AREA WITH PROVISIONAL REPAIRS AND SUPPORT. RECOMMEND REINFORCING DAMAGED JOISTS AND PROVIDING A PERMANENT SUPPORT WALL.
- 1ST FLOOR FRAMING MEETS THE CODE REQUIRED LOADING FOR THE CURRENT BUILDING’S USE AS A RESIDENCE WITH RECOMMENDED REPAIRS.
- RECOMMEND ADDING FRAMING CLIPS AT FLUSH FRAMING.

<table>
<thead>
<tr>
<th>BUILDING:</th>
<th>ADDRESS:</th>
<th>DATE:</th>
<th>SHEET NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 WARREN ST</td>
<td>8 WARREN ST, MIDDLETOWN, CT</td>
<td>5-5-2017</td>
<td>1</td>
</tr>
</tbody>
</table>
Photo P1:  
Concrete slab at covered porch looking south.

Photo P2:  
1-3/4"x 6-3/4" joists nearest to porch spanning between 6" wide flange steel beams beam looking west.

Photo P3:  
1-3/4"x 6-3/4" joists nearest to porch spanning between 6" wide flange steel beams beam looking east.
Photo P4:
Ceiling at area below bedroom #2 looking west. Framing in this area was not observed. Similar joist size and spacing assumed.

Photo P5:
1-3/4”x 6-3/4” joists below kitchen spanning between north and south foundation walls looking southeast.

Photo P6:
Temporary support at damaged 1-3/4”x 6-3/4” joists below common area looking southwest.
**Photo P7:**
Temporary support at damaged 1-3/4"x 6-3/4" joists below common area looking east.

**Photo P8:**
Damaged 1-3/4"x 6-3/4" joists below common area looking south.

**Photo P9:**
Existing repair using joist hanger at damaged 1-3/4"x 6-3/4" joist below common area looking north.
Photo P10:
Existing repair using joist hanger at damaged 1-3/4"x 6-3/4" joist below common area looking southwest.
1ST FLOOR LIVE LOADS
SLEEPING AREAS: 30PSF
ALL OTHER AREAS: 40PSF
STAIRS

CONCRETE SLAB

1-3/4" x 6-3/4" AT 16" oc

1-3/4" x 6-3/4" AT 16" oc

1-3/4" x 6-3/4" AT 16" oc

8" x 8" BRICK PIER

WF6x STEEL BEAM

WF6x STEEL BEAM

WF6x STEEL BEAM

WF6x STEEL BEAM

WF6x STEEL BEAM

FLUSH 6-1/2" x 6-1/2" WOOD BEAM

FLUSH 6-1/2" x 6-1/2" WOOD BEAM

WF6x STEEL BEAM

FLUSH 6" x 6" WOOD BEAM

6" DIA STEEL POST

3" DIA STEEL POST

3-1/2" DIA STEEL POST

SISTER DAMAGED 1-3/4" x 6-3/4" JOISTS IN THIS AREA WITH 2x6 DFL #2 FRAMING. ATTACH WITH (2) 10d COMMON NAILS AT 16" oc OR 1/4" x 3" SDS SCREWS AT 16" oc STAGGERED TOP & BTM.

(2) 2X6 WITH TEMPORARY SUPPORTS

CEILING IN PLACE. FRAMING INACCESSIBLE FOR OBSERVATION. SIMILAR FRAMING ASSUMED.

REMOVE EXISTING HANGERS AND PROVIDE FRAMING CLIPS AT FLUSH 6-1/2" x 6-1/2" WOOD BEAM AND SISTERED JOISTS

REMOVE (2) 2X6 WITH TEMPORARY SUPPORTS AND REPLACE WITH WOOD SUPPORT WALL AND PLACE AT JOIST MIDSPAN. REFER TO TYP SUPPORT WALL DETAIL.

EXISTING JOIST

2x TOP PLATE ATTACHED TO EACH EXISTING JOIST WITH (2) 10d NAILS

PLACE (1) STUD AT EACH EXISTING JOIST AND TOE NAIL EACH STUD TO TOP AND BTM PLATE WITH (2) 10d NAILS

NEW SIMPSON L50 FRAMING CLIP WITH #9x1-1/2" SD SCREWS

JOIST TO BEAM CONNECTION DETAIL

TYPICAL SUPPORT WALL DETAIL

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.

1/4" = 1'-0"

1ST FLOOR FRAMING PLAN

FRAMING NOTES