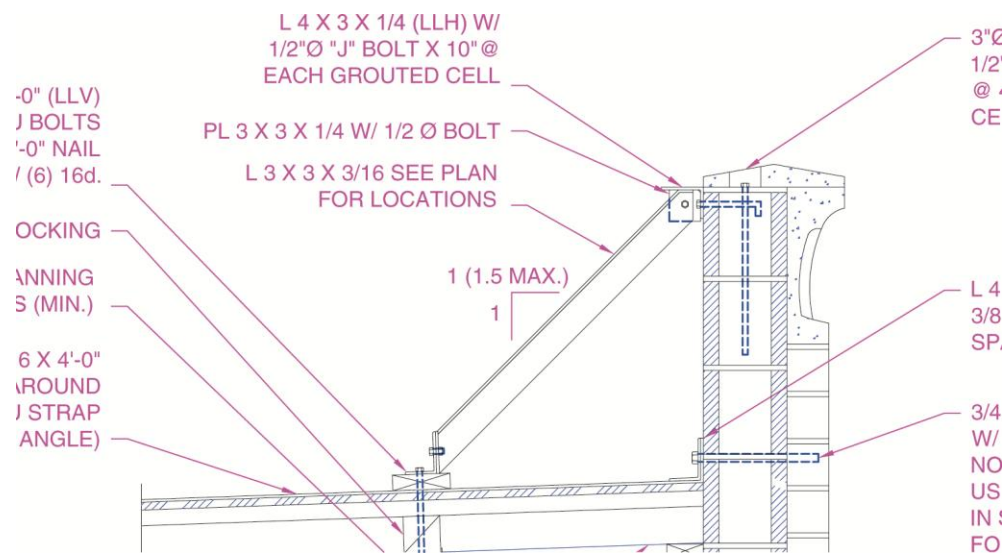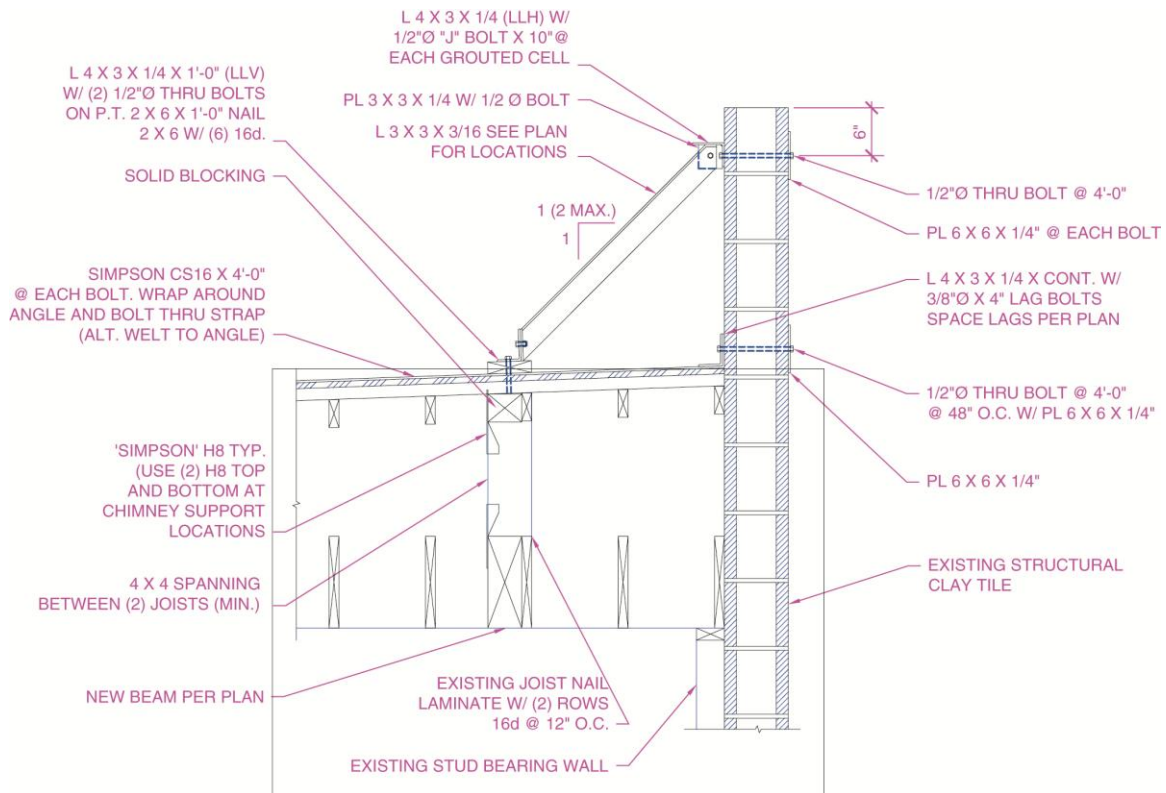# Exercise 31-4

1. Continue from Exercise 31-3 or start AutoCAD.

2. Open the EX31-2 file you saved during Exercise 31-2.

3. Save a copy of EX31-2 as EX31-4. The EX31-4 file should be active.

4. Use the **XCLIP** command to create a rectangular clip of the Detail 5 xref similar to the clip shown.

L 4 X 3 X 1/4 (LLH) W/
1/2"Ø "J" BOLT X 10"@
EACH GROUTED CELL

L 4 X 3 X 1/4 X 1'-0" (LLV)
W/ (2) 1/2"Ø THRU BOLTS
ON P.T. 2 X 6 X 1'-0" NAIL
2 X 6 W/ (6) 16d.

PL 3 X 3 X 1/4 W/ 1/2 Ø BOLT

SOLID BLOCKING

L 3 X 3 X 3/16 SEE PLAN
FOR LOCATIONS

1 (2 MAX.)
1

6"

1/2"Ø THRU BOLT @ 4'-0"

PL 6 X 6 X 1/4" @ EACH BOLT

SIMPSON CS16 X 4'-0"
@ EACH BOLT. WRAP AROUND
ANGLE AND BOLT THRU STRAP
(ALT. WELT TO ANGLE)

L 4 X 3 X 1/4 X CONT. W/
3/8"Ø X 4" LAG BOLTS
SPACE LAGS PER PLAN

1/2"Ø THRU BOLT @ 4'-0"
@ 48" O.C. W/ PL 6 X 6 X 1/4"

'SIMPSON' H8 TYP.
(USE (2) H8 TOP
AND BOTTOM AT
CHIMNEY SUPPORT
LOCATIONS

PL 6 X 6 X 1/4"

4 X 4 SPANNING
BETWEEN (2) JOISTS (MIN.)

EXISTING STRUCTURAL
CLAY TILE

NEW BEAM PER PLAN

EXISTING JOIST NAIL
LAMINATE W/ (2) ROWS
16d @ 12" O.C.

EXISTING STUD BEARING WALL

5. Draw a rectangle similar to the rectangle shown on the Detail 6 xref. Use the
    XCLIP command and the **Select polyline** option to clip the xref using the
    rectangle as a boundary.

6. Resave and close the file.

7. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.