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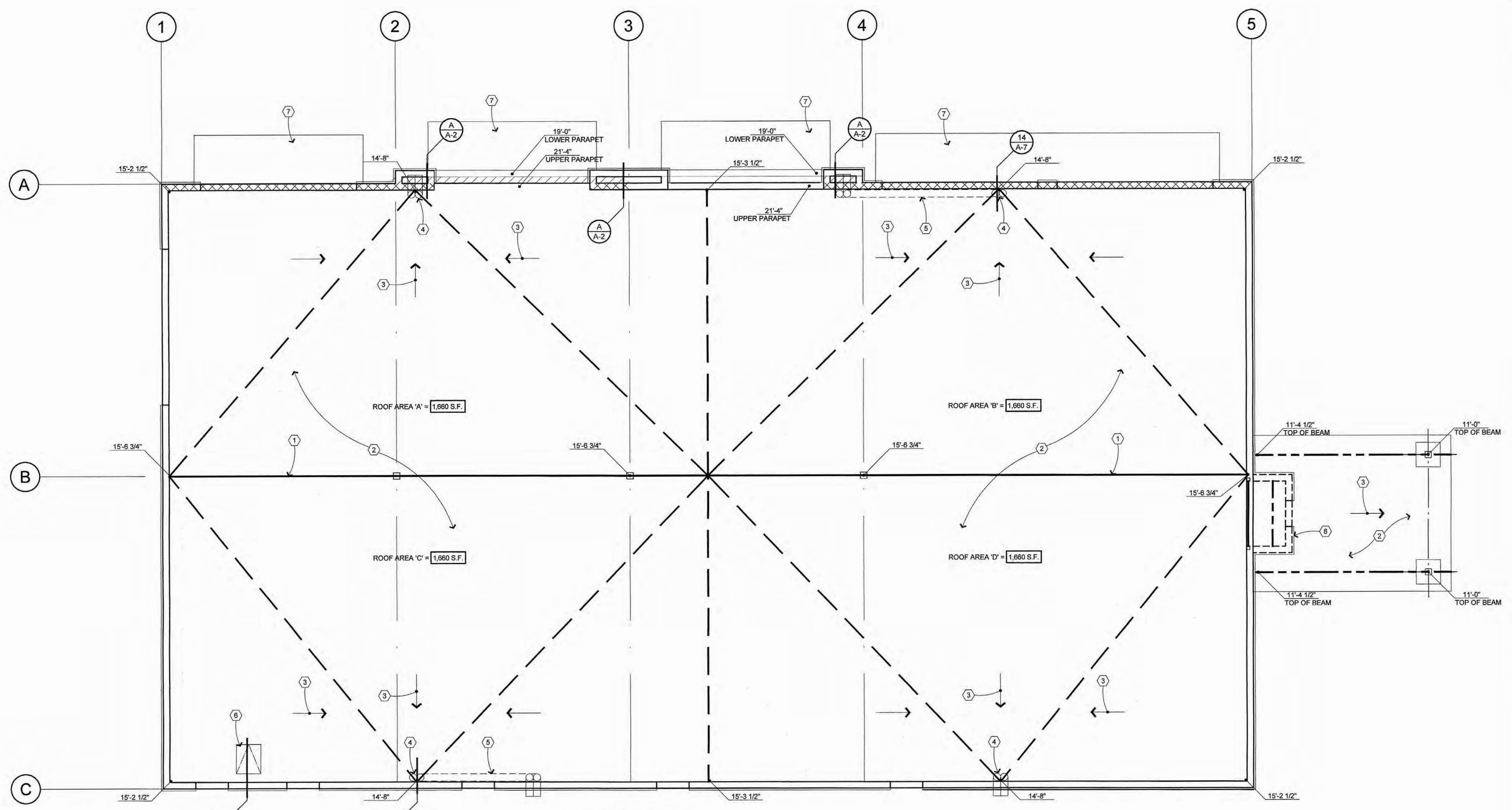


A NEW BUILDING FOR: KIWAMI ON BELL
5327 W. BELL ROAD
GLENDALE, ARIZONA 85306
LOGOS BUILDERS SOUTHWEST

job no. 24114
 drawn LB
 approved RBW
 date 9/25/24

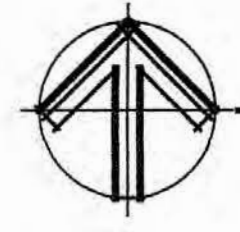
revisions

A-6



ROOF DRAINAGE CALCS
 (Per 2018 IPC, Chapter 11, 3" rainfall)

ROOF AREAS 'A', 'B', 'C', 'D'
 (Roof Drains)
 1/2 avg. height of parapet = 230 SF
 1,890 SF x 0.25 F/Hr (6" per hour) =
 473 cubic feet per hour of rainfall
 473 CF x 0.124675 (conversion) =
 59 GPM rainfall (82 GPM max)
 Use 3" diameter roof drains
 Vertical leader size to be 3" diameter



ROOF FRAMING PLAN

SCALE: 3/16" = 1'-0"

ROOF PLAN KEYNOTES

1. Indicates roof ridge
2. 1" foam roofing (R=7, Class 'B' roofing)
3. Slope minimum of 1/4" per foot. Note: Valleys to also be 1/4" per foot slope
4. 3" diameter roof and overflow drains
5. 5" diameter horizontal piping at 1/2" foot slope
6. Roof scuttle per details
7. Steel canopies per details
8. Pop-out below roof