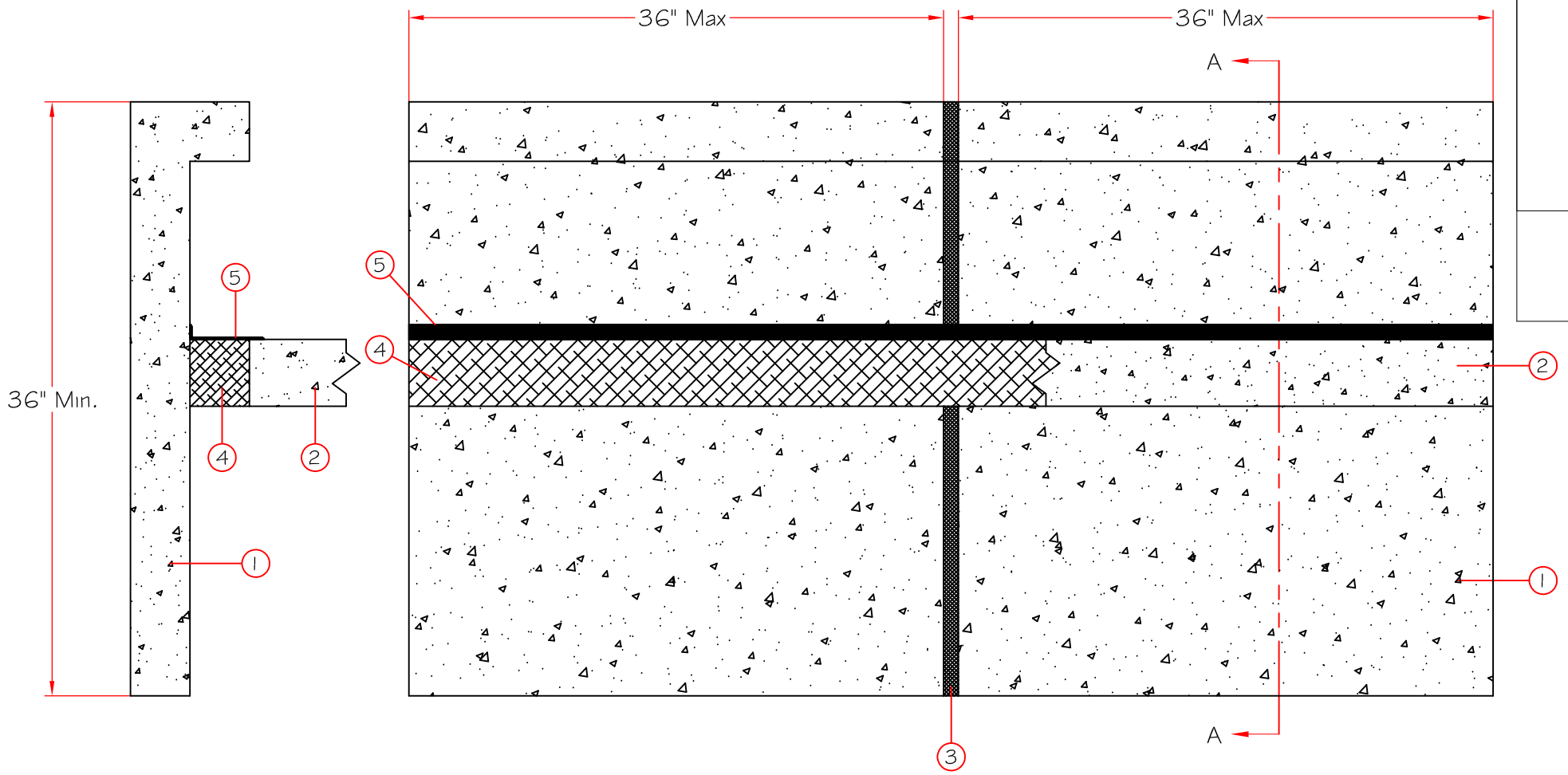


| Item Number | Description |
|---|---|
| 1 | Spandrel Panels Min 36" high by min 4" thick steel-reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) structural concrete spandrel panels. Wall may also consist of min 4" thick steel-reinforced lightweight or normal weight concrete tilt-up panels with a min 36" vertical separation between window openings. Panels provided with steel dead load anchors welded to steel reinforcing bars embedded in the concrete for attachment to the steel columns and spandrel beams. Panels also provided with steel lateral anchors or braces. The dead load anchors which are located in the linear gap between the concrete floor slab and the spandrel panel or tilt-up panel are to be spaced max 72" O.C. The top of the dead load anchor is to be recessed min $\frac{1}{2}$" from top surface of floor |
| 2 | Floor Assembly Min 4$\frac{1}{2}$" thick steel-reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) structural concrete. Floor assembly to be supported at perimeter edges by spandrel beams having a Restrained or Unrestrained Beam Rating of 2 hr. |
| 3 | Joint System Vertical joints between spandrel panels or tilt-up panels to be protected using Joint System Nos. WW-S-0042 or WW-S-0097 |
| 4 | Owens Corning™ Thermafiber® Safing™ Insulation 4" thick mineral wool batt safing material to be installed between the concrete spandrel or tilt-up panel and the edge of the concrete floor slab. Owens Corning™ Thermafiber® Safing™ Insulation Safing material to be cut to a min 4$\frac{1}{2}$" width and stacked to a thickness which is at least 25% greater than the width of the linear gap between the concrete spandrel or tilt-up panel and the edge of the concrete floor slab. The safing material is compressed and inserted cut-edge-first into the linear gap such that its top surface is flush with the top surface of the floor assembly. A max of one tightly-butted seam is permitted between dead load anchors. An additional min $\frac{1}{2}$" thick piece of mineral wool batt safing material to be installed to cover top surface of each dead load anchor. |
| 5 | HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC. CFS-SP SIL Firestop Silicone Joint Spray or CFS-SP WB Firestop Joint SpraySpray smoke sealant Min. $\frac{1}{8}$" wet thickness spray-applied over top of forming material and lapping min 1" onto the top surface of the concrete floor and onto the concrete spandrel panel or tilt-up panel. |

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| Date | Rev. Num. | Description |
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Job Name:

Location: City and State:

DRAWING NUMBER: CW-D-1001

Reference Design: CW-D-1001

DATE APRV: / /

| Drawn By: | Dimensions | Angle | DATE: |
|---|---|---|---|
| SPR | ± $\frac{1}{32}$" | ±2° | 06/05/2025 |

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