

Architectural section drawing of a building entrance, showing structural details, materials, and dimensions.

Structural Details and Materials:

- 1-cse. 8x8x16 CMU (solid grouted)
- 2-2x8 plate on 15#felt fasten'd w/ 1/2" ϕ A.B. @ 32" o.c. w/ 5" min. embedment (typ.)
- Gravel stop
- 1x12 fascia
- Lintel Bond beam
- Grout all cells this course (use shell block if available)
- Bond beam
- 2-#5 added around opening. Extend 2'-0" (min) beyond opening (typ.)
- Fin. grade
- Place "FLAMMABLE LIQUID" Sign & NFPA Placard here.
- Fin. floor 472.25
- 6"
- 12'-8" conc. lintel beam
- See "Lintel Beam Detail"
- 3-ply built-up roofing (typ.)
- 1x12 fascia
- See "4x6 Header Connection Detail"
- Built-up roof'g
- 2x6 rafters @ 2'-0" o.c. (typ.)
- 2-2x8 plate on 15#felt fasten'd w/ 1/2" ϕ A.B. @ 32" o.c. w/ 5" min. embedment (typ.)
- Gravel stop
- 2x6 hdr.
- 1-cse. 8x4x16 CMU (solid grout'd)
- Bond beam
- Fin. gr.
- Fin. floor 471.75
- 1'-2"
- 3'-3"
- Fig.
- 1'-2"
- 2'-4"
- 10'-0"
- 23'-8" Footing
- 10'-0" Footing
- B.O.F. 468.50

Dimensions:

- 2'-4"
- 12'-8"
- 10'-0"
- 2'-0"
- 7'-8"
- 8'-10"
- 1'-2"
- 3'-3"
- Fig.
- 1'-2"
- 2'-4"
- 10'-0"
- 23'-8" Footing
- 10'-0" Footing

Notes:

- See "Lintel Beam Detail"
- See "4x6 Header Connection Detail"
- Place "FLAMMABLE LIQUID" Sign & NFPA Placard here.

Technical drawing of a parapet wall cross-section. The drawing includes the following details and dimensions:

- Overall Dimensions:**
 - Top width: 20'-0"
 - Base width: 22'-4" Footing
 - Left height: 12'-0" (total), 11'-4" (to top of wall), 8" (to top of footing)
 - Right height: 12'-0" (total), 12'-8" (to top of wall), 8" (to top of footing), 3'-9" (to base of footing)
- Structural Components and Materials:**
 - Balance:** Non-shrink grout
 - 8'-0" Section:** 8x4x16 CMU (solid grouted)
 - 6'-8" Section:** 8x8x16 CMU (solid grouted)
 - Roofing:** 3-ply built-up roofing (typ.)
 - Wall Assembly (from top down):** 1x12 fascia, Non-shrink grout, 2-2x8 plate, 2x12 @ 24" o.c., 1/2x12 Slope, 4x12 rafters @ 4'-0" o.c., 2x12 @ 24" o.c.
 - Foundation:** 2x8 plate, Bond beam, 2'-0" (height of wall above footing), 2-#5 added around open'g. Extend 2'-0" (min) beyond open'g (typ.)
 - Grout:** Grout all cells this course
 - Control Joint:** Indicated in the CMU wall.
 - Footings:** 1'-2" Ftg. (under bond beam), B.O.F. 468.50 (base of footing)
 - Finish Levels:** Fin. floor 472.25, Fin. grade
 - Notes:** Vinyl rain gutter & downspout - refer to manufacturer's instructions for installation. See Swale Detail on Sht.#SI

Architectural cross-section drawing of a building exterior wall and roof assembly. The drawing shows a brick wall with a built-up roof on top. The roof assembly includes 3-ply built-up roofing on 15# felt on 3/4" thk. T&G plywood, 2x12 rafters @ 2'-0" o.c. (typ), 2x8 wd. plate on 15# felt fasten'd w/ 1/2" ϕ A.B. @ 32" o.c. w/ 5" min. embedment (typ.), gravel stop, and 1x12 fascia. A vinyl rain gutter and downspout is shown on the left. The wall is constructed of brick with bond beams and 2#5 reinforcement bars around openings. The floor is finished at 471.75 and 472.25. The foundation is 23'-8" wide with a 10'-0" footing. The drawing includes various dimensions and labels for materials and construction details.

Roof Assembly Details:

- 3-ply built-up roofing on 15# felt on 3/4" thk. T&G plywood
- 2x12 rafters @ 2'-0" o.c. (typ)
- 2x8 wd. plate on 15# felt fasten'd w/ 1/2" ϕ A.B. @ 32" o.c. w/ 5" min. embedment (typ.)
- Gravel stop
- 1x12 fascia
- Built-up roof'g
- 1x12 fascia
- Vinyl rain gutter and downspout

Wall Assembly Details:

- Brick masonry
- Bond beam
- Grout all cells this course (use shell block if available)
- Bond beam
- 2#5 added around open'g. Extend 2'-0" (min) beyond open'g (typ)
- Fin. floor 471.75
- Fin. floor 472.25
- Fin. gr.

Dimensions and Footing:

- Overall width: 23'-8" Footing
- Overall height: 12'-8"
- Foundation width: 10'-0" Footing
- Foundation depth: 3'-3"
- Foundation elevation: B.O.F. 468.50

Other Labels:

- See "Control Joint With Joint Reinforcing Detail"
- SS S4

Architectural cross-section drawing of a building foundation and wall assembly. The drawing shows a foundation with a 22'-4" footing, an 8'-0" footing, and a 10'-4" footing. The wall is constructed with 8x8x16 CMU (solid grouted) and 4x12 rafters @ 4'-0" o.c. (typ). The roof assembly includes 2x12 blk'g, gravel stop, 1x12 fascia, 2x2x8 plate, 1x6 fascia, 2x2x8 plate, 1-cse, 8x4x16 CMU (solid grout'd), and Bond beam. The drawing also shows the finish floor levels (472.25 and 471.75) and the finish grade. A note indicates "See Swale Detail on Sht. #S1". The drawing is labeled "Fig." and "1'-2"."

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY _____	_____
	TRACED BY _____	_____
	DESIGNED BY _____	_____
	QUANTITIES BY _____	_____
	CHECKED BY _____	_____

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