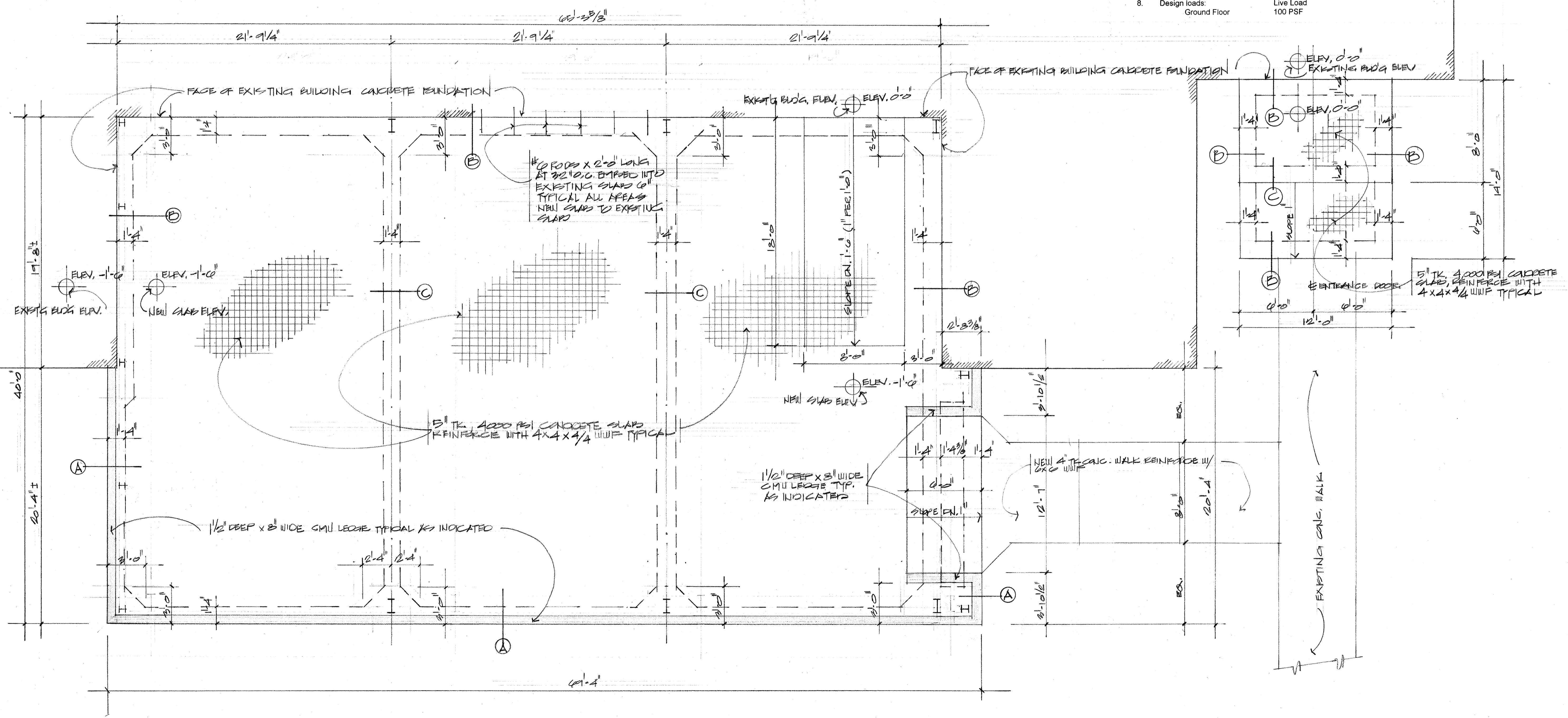


FOUNDATION DETAILS

- FOUNDATION GENERAL NOTES**
- Foundation has been designed for an allowable soil bearing of 1000 PSF. Grade beams and footings shall bear on undisturbed, natural soil. Any fill required under structure shall be river sand and shall be compacted to 95% maximum density at optimum water content. If adverse soil conditions are encountered, the Architect shall be notified at once.
 - All fill material under slabs, paving, etc., shall be Mississippi River "sugar" sand free from organic or other deleterious materials. All areas under fill shall be stripped of all vegetation, debris, and unsatisfactory soil materials before placing fill. All fill except under pile supported slabs shall be compacted to 95% of maximum density at optimum water content using modified proctor method (A.S.T.M. D-1557). Place and compact fill in 6 to 8 inch layers.
 - Place one layer of 6 mil polyethylene vapor barrier beneath all slabs and beams on grade.
 - Concrete work shall be in accordance with A.C.I. 301, Latest Revision. All concrete shall be standard weight with a compressive strength of 4000 P.S.I. at 28 days and a maximum slump of 5 inches. Concrete mix shall contain a water-reducing admixture conforming to A.S.T.M. C-494, Type A or D. Exposed slabs shall be coated after finishing with curing and sealing compound equal to Sikagard Cure/Hard. Formwork shall be in accordance with A.C.I. 247. Architect shall be given 24 hours notice before any concrete pours.
 - All reinforcing steel shall conform to A.S.T.M. A615 Grade 60 and shall be detailed, fabricated, installed, and accessories provided in accordance with the latest A.C.I. specifications. Lap all continuous bars a maximum of 30 bar diameters, top bars at midspan and bottom bars at the support. Provide standard 90 degree hooks at all discontinuous ends and corner bars at outside beam bars to be same size as beam bars and to lap 30 bar diameters each way.
 - Welded wire fabric shall conform to A.S.T.M. A-185 and shall be provided in sheets. Lap wwf a minimum of two cross wire spaces. Wwf shall be supported on concrete bricks spaced at a maximum of 3 feet on center each way.
 - Reinforcing clearances: Slab: 3/4" top, 1" bottom
Beams: 1 1/2" formed surface
3" unformed surface
 - Design loads: Live Load 100 PSF
Ground Floor



FOUNDATION PLAN

| REVISIONS | BY |
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These documents are and shall remain the property of the architect and are intended for the sole use as indicated on these documents. The removal of the architect's seal or stamp from these documents unless otherwise provided by written approval of the architect, shall be a violation of law, (L.A. R.S. 37, Chapter 3, 1983) and such persons shall be subject to the penalties, fines and or imprisonment as stated by Louisiana Law.

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