CONCRETE NOTES

1. Foundations shall be placed on undisturbed soil or compacted structural fill. Compacted structural fill shall be well-graded, clean, granular material, compacted in 8-inch lifts with a vibratory compactor. Soil bearing capacity = 4000 psf

2. All concrete shall conform to ACI-301.

3. All concrete shall have a compressive strength of 4000 psi at 28 days.

4. Reinforcing bars shall be ASTM A-615 grade 60.

5. The concrete contractor shall coordinate all work for embedded items

6. Ready-mixed concrete shall conform to ACI-304 and ASTM C-94 and items noted below

7. Anchor bolts and threaded rods shall be ASTM A-307. Steel plates shall be ASTM A-36.

8. Clearance to reinforcing from concrete surfaces (cover) shall be 3 inches min. for unformed surfaces in contact with the ground, or 2 inches min. in other cases (except as noted).

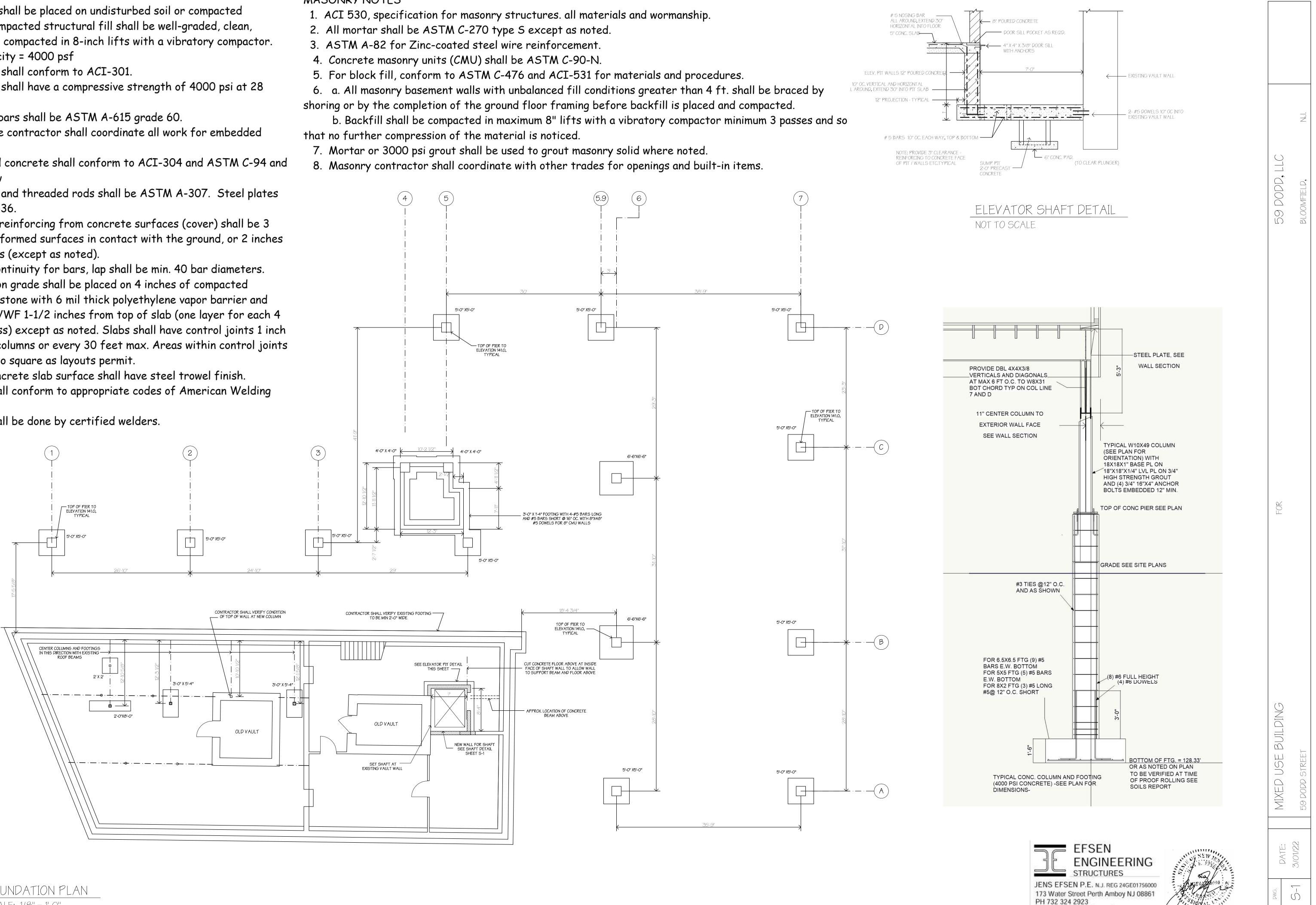
9. To provide continuity for bars, lap shall be min. 40 bar diameters.

10. Floor slabs on grade shall be placed on 4 inches of compacted crushed 3/4 inch stone with 6 mil thick polyethylene vapor barrier and with 6x6-10/10 WWF 1-1/2 inches from top of slab (one layer for each 4 inches of thickness) except as noted. Slabs shall have control joints 1 inch deep in line with columns or every 30 feet max. Areas within control joints shall be as close to square as layouts permit.

11. Interior concrete slab surface shall have steel trowel finish.

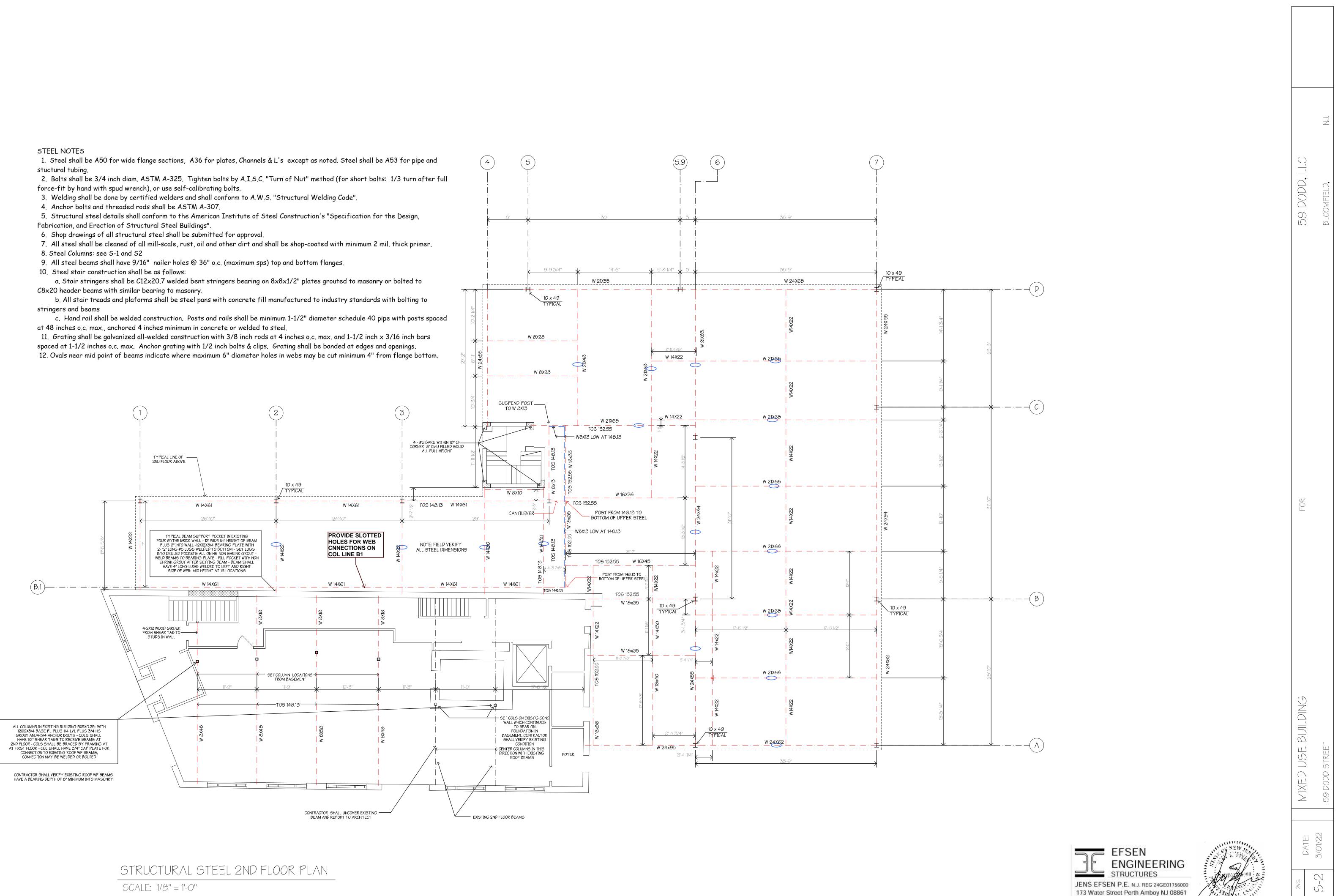
12. Welding shall conform to appropriate codes of American Welding Society.

13. Welding shall be done by certified welders.



- MASONRY NOTES

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