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1. REFERENCE ELEVATION IS 833'-0". TOP OF MAT IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE. SEE ARCHITECTURAL PLANS FOR DIMENSIONS OF ALL SLAB EDGES, OPENINGS, SLOPES, AND DEPRESSIONS NOT DEFINED ON THE STRUCTURAL PLANS.
2. MAT FOUNDATION IS 3'-0" THICK UNLESS NOTED OTHERWISE. UPON REACHING THE MAT FOUNDATION SUBGRADE ELEVATION, SOIL CONDITIONS SHALL BE EVALUATED AND APPROVED BY THE GEOTECHNICAL ENGINEER OF RECORD.
3. SHEAR WALL OPENINGS, WALL ENDS, AND WALL LOCATIONS ARE DIMENSIONED RELATIVE TO GRID LINES ON THE SHEAR WALL ELEVATION.
4. BASEMENT WALLS SHALL BE RESTRAINED AT EACH FLOOR BY THE STRUCTURAL SLAB AND THE BOTTOM OF THE MAT. THE MAT SHALL BE DESIGNED TO PROVIDE DESIGN STRENGTH PRIOR TO PLACING BACKFILL AND/OR DE-TENSIONING TIE-BACK ANCHORS.
5. BASEMENT WALLS ARE DESIGNED FOR A FULLY DRAINED CONDITION IN THE RETAINED SOIL.
6. BASEMENT WALL REINFORCEMENT IS SHOWN ON THE BASEMENT WALL ELEVATIONS.
7. THE STRUCTURAL SLAB IS A 10-INCH THICK MILD TWO-WAY SLAB UNLESS NOTED OTHERWISE. SEE THE TYPICAL MILD SLAB DETAILS.

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