

## 1 TOWER A - LEVEL B1 FRAMING PLAN

## **REFERENCE DRAWINGS**

S0.XX DRAWING INDEX, ABBREVIATIONS, LEGENDS, GENERAL NOTES

## S1.XX LOAD DIAGRAMS

- PLANS S2.XX S3.XX ELEVATIONS
- S4.XX TYPICAL DETAILS AND SCHEDULES S5.XX
- CONCRETE SECTIONS AND DETAILS S6.XX STEEL SECTIONS AND DETAILS
- <u>NOTES</u>
- 1. REFERENCE ELEVATION IS 8314' 1". 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 AT THE BOTTOM OF THE MAT, AND SHALL HAVE REACHED 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.

- 8. CONCRETE PLACED IN THE SLAB/SHEAR WALL INTERSECTION, INCLUDING COUPLING BEAMS, SHALL HAVE MINIMUM CONCRETE STRENGTH EQUAL TO THAT SPECIFIED FOR THE SHEAR WALLS.
- 9. CONCRETE PLACED IN THE SLAB/COLUMN INTERSECTION SHALL HAVE MINIMUM CONCRETE STRENGTH AS SHOWN IN THE GENERAL NOTES, BUT NO LESS THAN THAT SPECIFIED FOR THE COLUMNS DIVIDED BY 1.4.
- 10. COORDINATE LOCATION OF ALL EMBEDS WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS PRIOR TO CASTING FOUNDATIONS.
- 11. REFERENCE ALL CONSTRUCTION DOCUMENTS FOR SIZE, EXTENT, AND LOCATION OF CONCRETE CURBS, HOUSEKEEPING PADS, CMU WALLS, PLANTER WALLS, BOLLARDS, EDGE ANGLES, AND SLAB PENETRATIONS. PROVIDE DOCK LEVELER, ELEVATOR PITS, ESCALATOR PITS, SUMP PITS, M/E/P VAULTS, TRENCH AND AREA DRAINS, AND CONCRETE ENCASEMENTS/EMBEDMENTS/INSERTS/ETC. AS REQUIRED. REINFORCE PER TYPICAL DETAILS.
- 12. SEE ARCHITECTURAL/CIVIL DRAWINGS FOR SIDEWALKS, PAVING, AND SITE DETAILS AT BUILDING EXTERIOR UNLESS NOTED OTHERWISE.
- 13. INDICATES TYPICAL BUILT-UP SLAB ON RIGID FOAM. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS AND ELEVATIONS OF ARCHITECTURAL BUILT-UP SLABS. SEE TYPICAL BUILT-UP SLAB DETAIL FOR ADDITIONAL INFORMATION.



