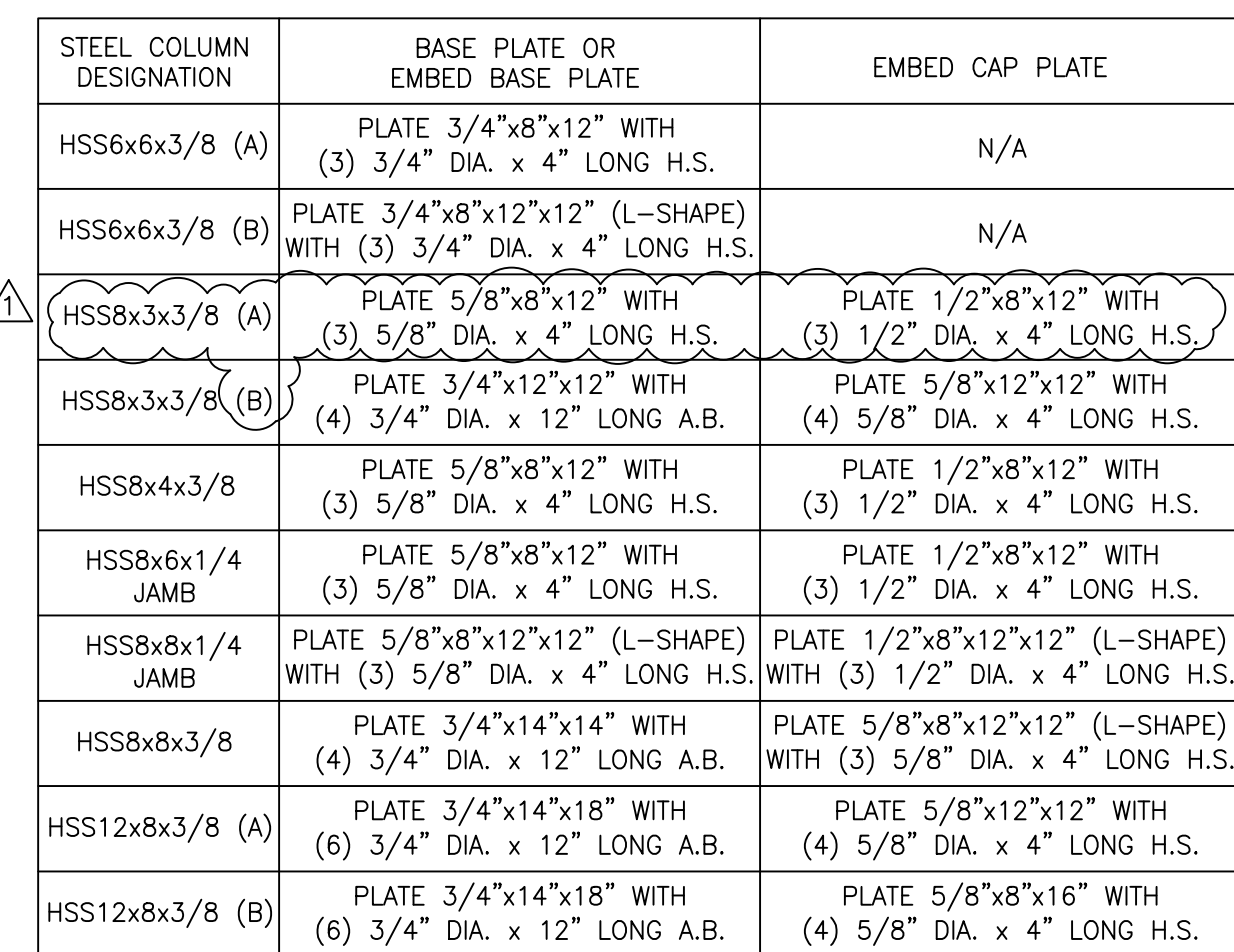


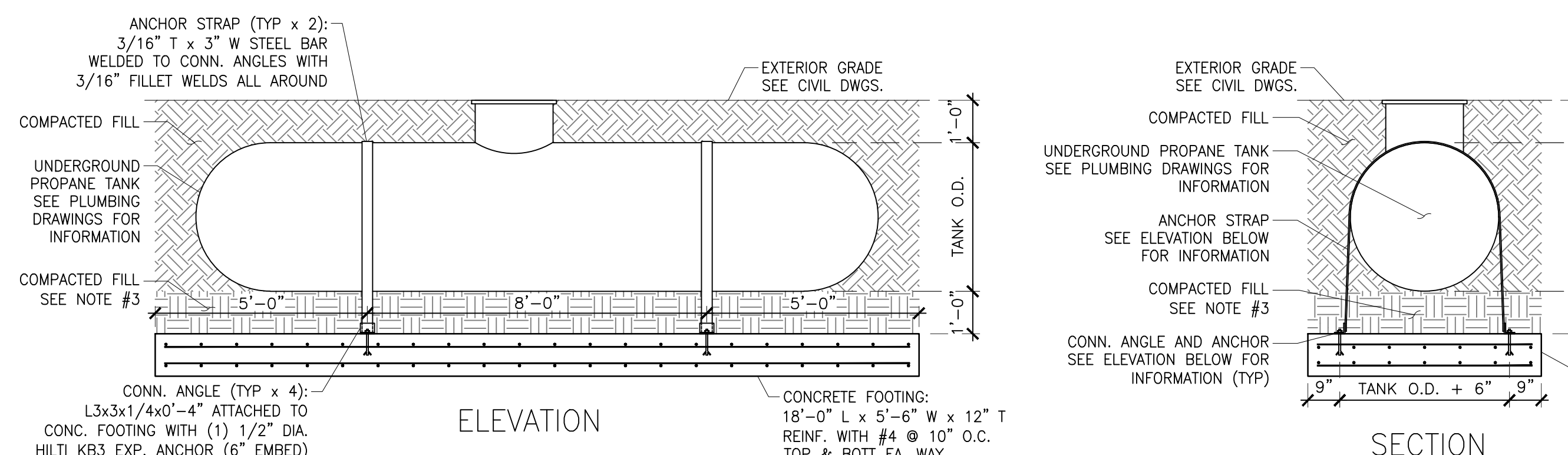


FOUNDATIONS / GROUND FLOOR SLABS-ON-GRADE PLAN

SCALE: 3/16"=1'-0'

PLAN NOTES

1. SLABS—ON-GRADE SHALL BE 6" THICK CONCRETE SLABS ON COMPACTED SOIL UNDO, REINFORCED WITH 6x6 W2x9x2.9 WWF PLACED ON TOP. PROVIDE CONTROL JOINTS (C.J.) SPACED AT 10'-0" O.C. MAX. E.A. WAY, U.N.O. ON PLAN OR IN ARCH. DRAWINGS. PROVIDE THICKENED SLAB EDGES (T.E.) AND THICKENED SLABS (T.S.) WHERE INDICATED ON PLAN. COORDINATE LOCATIONS AND DIMENSIONS OF ALL SLAB DEPRESSIONS, SLAB SLOPES, ETC. WITH ARCH. AND MEP DRAWINGS. SLAB DEPRESSIONS ARE SHOWN THUS () ON PLAN. TOP OF SLAB ELEVATIONS: SEE PLAN AND ARCH. DRAWINGS.
 2. FOUNDATIONS: SPREAD FOOTING AND WALL FOOTING DESIGNATIONS ARE SHOWN ON PLAN. SEE FOOTING SCHEDULE ON SHEET S-502 FOR SIZES AND REINFORCING. FOOTINGS SHALL BE CENTERED ON COLUMNS AND ALL U.N.O. TOP OF FOOTINGS SHALL BE AT EL. -3'-4" (1.67' NOV). U.N.O. ON PLAN OR DETAILS, BUT IN NO CASE SHALL BE LESS THAN 16" BELOW TOP OF ADJACENT SLAB AND/OR GRADE. REFER TO CIVIL DWGS. FOR EXTERIOR SLABS AND GRADE ELEVATIONS. REFER TO GENERAL NOTES FOR ADDITIONAL FOUNDATIONS INFORMATION AND REQUIREMENTS.
 3. FOUNDATIONS AND GROUND FLOOR SLABS HAVE BEEN VERIFIED FOR RESISTANCE AGAINST HYDROSTATIC AND HYDRODYNAMIC LOADS AND STRESSES, INCLUDING THE EFFECT OF BUOYANCY, TO AN ELEVATION OF BTE + 1' = 11.00' NOV.
 4. CONCRETE COLUMNS AND THE COLUMNS: COLUMN AND TIE COLUMN DESIGNATIONS ARE SHOWN ON PLAN. SEE COLUMN SCHEDULE ON SHEET S-501 FOR SIZES AND REINFORCING.
 5. MASONRY WALLS: W8.5.32: 8" CMU WALL REINFORCED WITH #5 @ 32" O.C. GROUTED IN CELLS. W12.5.32: 12" CMU WALL REINFORCED WITH #5 @ 32" O.C. GROUTED IN CELLS.
 6. CONCRETE WALLS: WALL DESIGNATIONS ARE SHOWN ON PLAN. SEE WALL SCHEDULE ON SHEET S-502 FOR WALL THICKNESS AND REINFORCING. REFER TO ARCH. DRAWINGS FOR CONCRETE WALL FINISHES REQUIREMENTS.
 7. STEEL COLUMNS: COLUMN SIZES AND TYPES ARE SHOWN ON PLAN. PROVIDE BASE PLATES OR EMBED BASE PLATES AND EMBED CAP PLATES FOR COLUMN CONNECTIONS TO FOOTINGS. SLABS—ON-GRADE OR BEAMS AS INDICATED IN TABLE ABOVE. SEE TYPICAL DETAILS FOR CONNECTION REQUIREMENTS AND EMBED PLATE LAYOUTS.
 8. REFER TO ARCH. DRAWINGS FOR CONCRETE FINISH REQUIREMENTS FOR COLUMNS, WALLS AND OTHER STRUCTURAL ELEMENTS.
 9. REFER TO ARCH. DRAWINGS FOR ADDITIONAL DIMENSIONS, GEOMETRY AND GENERAL BUILDING LAYOUT.
 10. COORDINATE ALL UNDER SLAB PIPING WITH MEP DRAWINGS. LOWER FOOTINGS AS REQUIRED SO THAT PIPES ARE ABOVE TOP OF FOOTING.
 11. EXTERIOR DECKING: EXTERIOR DECKING AREAS BY WOOD DECK SHALL CONSIST OF TARMATEC "NOGAL" COMPOSITE WOOD DECKING SUPPORTED ON A WOOD FRAME AS INDICATED ON PLAN. WOOD FRAME SHALL CONSIST OF A GRID OF 8x12 WOOD GIRDERS SUPPORTING 4x8 WOOD BEAMS SPACED AT 20" O.C. MAXIMUM. REFER TO TYPICAL WOOD FRAMING DETAILS ON SHEET S-422 FOR CONNECTION REQUIREMENTS. INSTALLATION OF COMPOSITE WOOD DECKING OVER SUPPORTING WOOD FRAME SHALL FOLLOW MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS, AS THIS IS A PROPRIETARY SYSTEM.
 12. SUPERIMPOSED DESIGN LIVE LOADS: (PER FBC 2023 AND ASCE 7-22)
EXTERIOR DECK AND POOL DECK: 60 PSF
INTERIOR SPACES: 40 PSF
STAIRS: 40 PSF



UNDERGROUND PROPANE TANK ANCHORAGE DETAILS

SCALF $\cdot 3/8" = 1'-0"$