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PHASE OF DOCUMENTS

- SCHEMATIC DESIGN
DESIGN DEVELOPMENT
BIDDING/PERMIT
CONSTRUCTION
RECORD

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TABLE 2 STATEMENT OF SPECIAL INSPECTIONS FOR STRUCTURAL DISCIPLINE

Table with columns: REQUIRE SPECIAL INSPECTIONS AND TESTS FOR STEEL DECK, TYPE, PERFORM, OBSERVE. Includes inspection tasks for deck placement, welding, and fasteners.

STEEL DECK INSPECTION NOTES

Table with columns: REQUIRE SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL CONSTRUCTION, TYPE, PERFORM, OBSERVE. Includes inspection tasks for welding, bolting, and steel deck preparation.

STRUCTURAL STEEL INSPECTION NOTES
1. 'PERFORM' - THESE TASKS SHALL BE PERFORMED FOR EACH WELDED/BOLTED JOINT OR MEMBER
2. 'OBSERVE' - THESE TASKS SHALL BE OBSERVED THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE.

IN ACCORDANCE WITH CHAPTER 1 OF THE REFERENCE BUILDING CODE, THE OWNER SHALL EMPLOY INSPECTION AGENCIES TO PERFORM SPECIAL INSPECTIONS DURING CONSTRUCTION INCLUDING INSPECTIONS OF SHOP-FABRICATED ITEMS WHEN APPLICABLE. ALL INSPECTION AGENCIES, INCLUDING FABRICATION FACILITIES, WHEN REQUIRED, SHALL BE QUALIFIED AND APPROVED BY THE BUILDING OFFICIAL. REFER TO OTHER DISCIPLINES FOR SPECIAL INSPECTIONS OF NON-STRUCTURAL SYSTEMS.

TABLE 1 STATEMENT OF SPECIAL INSPECTIONS FOR STRUCTURAL DISCIPLINE

Table with columns: REQUIRE SPECIAL INSPECTIONS AND TESTS FOR SLABS, TYPE, CONTINUOUS SPECIAL INSPECTION, PERIODIC SPECIAL INSPECTION. Includes inspection tasks for slab construction and reinforcement.

Table with columns: REQUIRE SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION, TYPE, CONTINUOUS SPECIAL INSPECTION, PERIODIC SPECIAL INSPECTION. Includes inspection tasks for concrete placement and curing.

Table with columns: LEVEL B QUALITY ASSURANCE REQUIRED SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION, MINIMUM TESTS, TYPE, CONTINUOUS SPECIAL INSPECTION, PERIODIC SPECIAL INSPECTION. Includes inspection tasks for masonry walls and lintels.

Table with columns: REQUIRE SPECIAL INSPECTIONS AND TESTS OF COLD-FORMED STEEL - LIGHT FRAME CONSTRUCTION, TYPE, CONTINUOUS SPECIAL INSPECTION, PERIODIC SPECIAL INSPECTION. Includes inspection tasks for steel framing and connections.

Table with columns: REQUIRE SPECIAL INSPECTIONS AND TESTS OF OPEN-WEB STEEL JOISTS, TYPE, CONTINUOUS SPECIAL INSPECTION, PERIODIC SPECIAL INSPECTION. Includes inspection tasks for joist installation and bracing.

- GENERAL FRAMING NOTES
INDICATES BEAM-TO-BEAM MOMENT CONNECTION PER SECTION 15S2.0 OR BEAM-TO-COLUMN MOMENT CONNECTION PER SECTION 23S5.2
INDICATES UNFACTORED (ASD) BEAM REACTION IN KIPS. FABRICATOR TO PROVIDE CONNECTION ADEQUATE TO SUPPORT LOAD GIVEN. WHERE REACTIONS ARE NOT GIVEN, DESIGN NON-COMPOSITE BEAM CONNECTIONS FOR 10% OF THE UNIFORM LOAD CAPACITY LISTED IN THE ASD MANUAL (50% EACH END). COMPOSITE BEAM CONNECTIONS ARE TO BE DESIGNED FOR 80% OF THE UNIFORM LOAD CAPACITY (80% EACH END).

- SLAB NOTES
4" CONCRETE SLAB ON GRADE W/ 6# W2 9W2.9 WWF OVER 15-ML VAPOR BARRIER OVER 4" COMPACTED STONE SUBBASE. MESH IS TO BE SUPPORTED DURING CONCRETE PLACEMENT ON CHAIRS OR BOLTERS AT MID-DEPTH OF SLAB. SEE PLAN FOR FINISHED FLOOR ELEVATIONS. COORDINATE TOP OF SLAB ELEVATION WITH THICKNESS OF ARCHITECTURAL FINISHED FLOOR PRODUCTS.
INDICATES SLAB CONTROL/CONSTRUCTION JOINT PER SECTION 65S2.1. CONTROL JOINTS ARE TO BE LOCATED IN AREAS SHOWN AT A SPACING NOT TO EXCEED 12'-0" O.C. UNLESS DIMENSIONED OTHERWISE. DISTANCE BETWEEN SLAB CONSTRUCTION JOINTS IS NOT TO EXCEED 100 FEET IN ANY DIRECTION. PROVIDE CONTROL JOINTS AT COLUMNS PER DETAIL 9S2.1. COORDINATE CONTROL JOINT LAYOUT WITH ARCHITECTURAL FLOOR FINISH PATTERNS.

- FOUNDATION NOTES
INDICATES FOOTING STEP PER SECTION 15S2.1. STEP AT A RATIO NOT TO EXCEED ONE VERTICAL TO TWO HORIZONTAL.
INDICATES APPROXIMATE LOCATION AND INVERT ELEVATION OF UNDERGROUND UTILITIES. COORDINATE THE LOCATION AND DEPTH OF ALL UNDERGROUND MECHANICAL, ELECTRICAL, PLUMBING, AND/OR CIVIL WORK PRIOR TO CONSTRUCTION. NOT ALL UNDERGROUND UTILITIES ARE SHOWN ON THE STRUCTURAL DRAWINGS. FOUNDATIONS BUILT PRIOR TO THE INSTALLATION OF UNDERGROUND UTILITIES ARE TO BE STEPPED OR DROPPED COMPLETELY BELOW THE UTILITY DEPTH PER SECTION 15S2.1 AND BLENDED PER SECTION 23S2.1. WHERE UNDERGROUND UTILITIES ARE IN PLACE PRIOR TO FOUNDATION CONSTRUCTION, THEY ARE TO BE ENCASED PER SECTION 33S2.1. SEE SECTION 5S2.1 FOR TRENCH EXCAVATION AND UTILITY PLACEMENT REQUIREMENTS FOR WORK THAT IS LAID ADJACENT TO FOOTINGS.

- MASONRY WALL NOTES
INDICATES MASONRY WALL REINFORCING TYPE PER SCHEDULE. ALL REINFORCING IS TO RUN FULL HEIGHT OF WALL UNLESS NOTED OTHERWISE. WHERE SPACING OF VERTICAL REINFORCING IS INTERRUPTED BY OPENING IN WALL (DOOR, WINDOW, LOUVER, ETC.) PROVIDE ONE FULL-HEIGHT REINFORCING BAR AT EACH JAMB FOR EACH 6'-0" OF OPENING WIDTH. SEE SCHEDULE ON SHEET S0.1 FOR LENGTH OF LAP SPICES.
INDICATES MASONRY BOND BEAM LINTELS. USE STANDARD SCHEDULED BOND BEAM LINTELS FOR ALL OPENINGS IN MASONRY WALLS UNLESS NOTED OTHERWISE.

- ROOF FRAMING NOTES
DESIGN LIVE/SNOW LOADS
ROOF LIVE 20 PSF
ROOF SNOW + DRIFT 10 PSF
WIND (NET UPLIFT) -10 PSF
ROOF CONSTRUCTION
1-1/2" x 22 GA WIDE RIB METAL DECK. SEE SECTION 23S5.3 FOR TYPICAL ATTACHMENT TO SUPPORTING STRUCTURE.

- FLOOR FRAMING NOTES
DESIGN LIVE LOADS
OFFICES 50 PSF
CORRIDORS, LOBBIES, & COURTROOMS 40 PSF
STAIRS AND EXITS 100 PSF
PARTITIONS 15 PSF
FLOOR CONSTRUCTION
5" (OVERALL) CONC. SLAB W/ 6# W2 9W2.9 WWF ON 2" x 20 GA. COMPOSITE METAL DECK. MESH IS TO BE SUPPORTED DURING CONCRETE PLACEMENT ON CHAIRS OR BOLTERS AT MID-DEPTH OF SLAB. HALF-WAY BETWEEN THE TOP OF DECK RIBS AND THE TOP OF SLAB. SEE PLAN FOR FINISHED FLOOR ELEVATIONS. SEE SECTION 15S3.3 FOR TYPICAL DECK ATTACHMENT TO SUPPORTING STRUCTURE.

Table with columns: MARK, SIZE, REINFORCING. CONT. WALL FOOTING SCHEDULE

Table with columns: MARK, SIZE, REINFORCING. SPREAD FOOTING SCHEDULE

Table with columns: MARK, VERTICAL REINFORCING, REMARKS. MASONRY WALL REINFORCING SCHEDULE

MASONRY WALL REINFORCING SCHEDULE NOTES:
1. ALL BARS TO BE CENTERED IN CELL UNLESS NOTED IN SCHEDULE. COORDINATE POSITION WITH STRUCTURAL DETAILS.
2. PROVIDE ADDITIONAL BARS AT JAMBS OF OPENINGS AS INDICATED IN THE TYPICAL REINFORCED MASONRY WALL ELEVATION. PROVIDE ADDITIONAL BARS AT SPECIFIC LOCATIONS AS INDICATED ON PLAN.

