

DRAWING 51-2 NOTES: ROOF FRAMING PLAN
 1. SEE DRAWING 50-1 AND 50-2 FOR GENERAL NOTES AND ABBREVIATIONS.
 2. TYPICAL DETAILS APPLY TO ALL DRAWINGS. USE THROUGHOUT, EXCEPT WHERE OTHERWISE SHOWN OR NOTED.
 3. TOP OF STEEL REFERENCE ELEVATION VARIES AND IS INDICATED ON PLAN, (BEAMS AND GIRDERS ONLY) TOP OF STEEL IS DEFINED AS THE BOTTOM OF ROOF DECK. ADJUST STEEL ELEVATIONS FOR DEPTH OF LH-SERIES JOIST SEATS 0'-5". VERIFY JOIST SEAT WITH JOIST MANUFACTURER PRIOR TO DETAILING. ADJUST TOP OF STEEL ACCORDINGLY. PLATES SHALL BE PROVIDED TO GREATLY EXCEED THE REQUIRED SLOPE, BEARING PLATES FOR JOISTS ARE TO BE INSTALLED LEVEL.
 4. ROOF DECK SHALL BE 1/2" TWENTY GAGE GALVANIZED 640 STEEL ROOF DECK.
 5. ALL ROOF FRAMING SHALL BE SPACED 6'-6" ON CENTER, MAXIMUM, ION.
 6. ALL DIMENSIONS MUST BE COORDINATED/VERIFIED WITH ARCHITECTURAL DRAWINGS PRIOR TO PREPARING SHOP DRAWINGS. SEE GENERAL NOTES FOR ADDITIONAL EXAMPLES OF DIMENSIONS WHICH MUST BE COORDINATED/VERIFIED WITH OTHERS PRIOR TO PREPARING SHOP DRAWINGS.

1. \leftarrow RD \rightarrow INDICATES SPAN OF STEEL ROOF DECK BOTTOM BARS.
 2. ML-1 INDICATES A 8" X 16" MASONRY LINTEL, REINFORCED WITH TWO #5 BARS.
 3. DESIGN LIVE LOAD: 25 PSF.

DRAWING 51-2 NOTES: SECOND FLOOR FRAMING PLAN
 1. SEE DRAWING 50-1 AND 50-2 FOR GENERAL NOTES AND ABBREVIATIONS.
 2. TYPICAL DETAILS APPLY TO ALL DRAWINGS. USE THROUGHOUT, EXCEPT WHERE OTHERWISE SHOWN OR NOTED.
 3. SECOND FLOOR SHALL BE 0'-2 1/2" CONCRETE PLACED ON A 1/2" GALVANIZED TWENTY-TWO GAGE STEEL FORM DECK (0'-3" TOTAL THICKNESS). TOP OF SECOND FLOOR REFERENCE ELEVATION 114'-8". ION TOP OF STEEL IS DEFINED AS BOTTOM OF FLOOR DECK. ADJUST STEEL ELEVATIONS FOR DEPTH OF JOIST SEATS 0'-2 1/2". AT K-SERIES AND 5" AT LH-SERIES VERIFY JOIST SEAT WITH JOIST MANUFACTURER PRIOR TO DETAILING. ADJUST TOP OF STEEL ACCORDINGLY.
 4. REINFORCE SECOND FLOOR CONCRETE SLAB USING ONE POUND OF NYLON FIBER REINFORCEMENT PER CUBIC YARD OF CONCRETE. THE CONTRACTOR MUST VERIFY THIS REINFORCEMENT IS ACCEPTABLE WITH SUBSEQUENT ARCHITECTURAL FINISHES.
 5. \leftarrow FD \rightarrow INDICATES SPAN OF FLOOR SLAB
 6. ML-1 INDICATES A 8" X 16" MASONRY LINTEL, REINFORCED WITH TWO #5 BOTTOM BARS.
 7. DESIGN LIVE LOAD, CODE REQUIRED, (FOR LOAD (50 PSF) USED THROUGHOUT) WILL CONSERVATIVELY COMPANATE THE CODE-REQUIRED OFFICE (50 PSF) PLUS PARTITION ALLOWANCE (20 PSF).
 8. MEMBERS ARE SPACED 2'-4", MAXIMUM, ION.

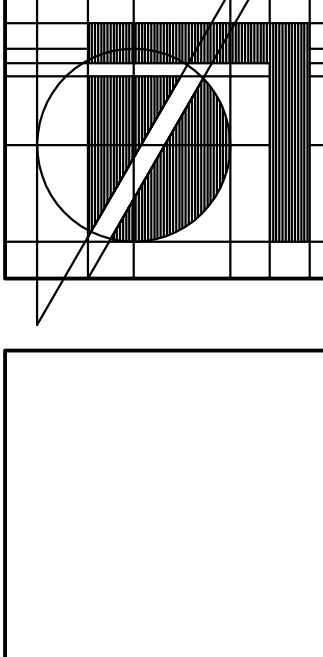
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DRAWING NOTES: CONCRETE MASONRY REINFORCING
 1. EXTERIOR WALLS COMPRISE BUILDING LATERAL FORCE RESISTING SYSTEM.
 2. CONCRETE MASONRY WALLS SHALL BE REINFORCED USING #5 BARS AT 4'-0" MAXIMUM. ADDITIONAL BARS ARE SHOWN AND SHALL BE PROVIDED AS FOLLOWS:
 2.1 AT CORNERS, BARS OF QUANTITY SHOWN SHALL BE PROVIDED IN EACH OF THE FIRST CORES.
 2.2 PILLARS, FOUR #5 BARS.
 2.3 CONTROL JOINTS: ONE ON EACH SIDE OF CONTROL JOINTS.
 2.4 CANOPY: THREE NEAR CANOPY ATTACHMENT.

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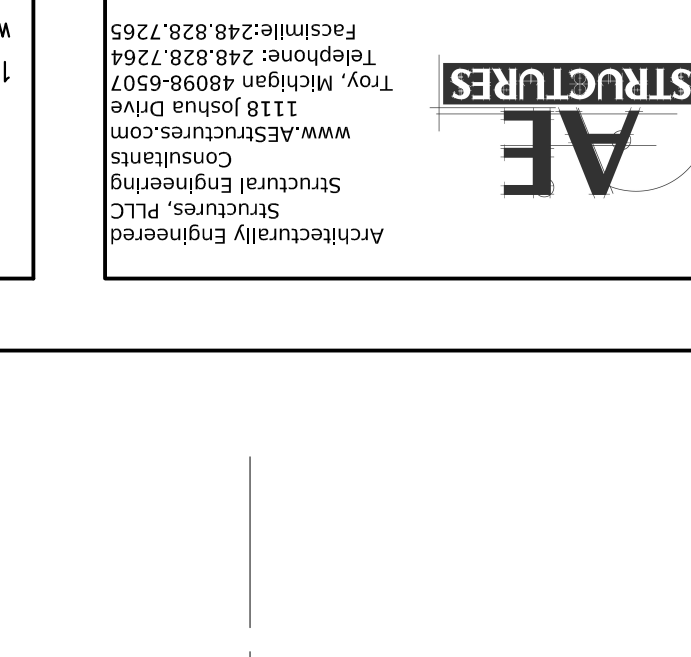
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