

FLOOR PLAN

SCALE: $1/4" = 1'-0"$

DOOR NOTES

LOCKSET, PRIVACY & LATCH SETS SHALL BE SCHLAGE, RUSSWIN
FALCON, OR EQUAL BRUSHED ALUM. FINISH "D" SERIES EXTERIOR
ALUM. FINISH "A" SERIES INTERIOR.

* SEE DETAIL 21/HC2 FOR DOOR SIZES
HARDWARE AND CLEARANCES

DOORS IN THE MEANS OF EGRESS SYSTEM TO BE OPENABLE FROM THE INSIDE WITHOUT USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. CBC 1008.1.8

ROOF ACCESS LADDER SHALL COMPLY WITH SECTION 904.10 CMC

WALL SECTION "A"

SCALE: 1/2" = 1'-0"

WALL SECTION "B"

SCALE: 1/2" = 1'-0"

SEISMIC DESIGN CATEGORIES D,E, AND F

CATEGORY D,E AND F CEILINGS ARE TO BE DESIGNED AND INSTALLED ACCORDING TO CISCA 3-4, AND EIGHT ADDITIONAL REQUIREMENTS LISTED IN SECTION 13.5.6.2.2 IN ASCE 7-05

CEILING AREAS OF 144 SQUARE FEET OR LESS ARE EXEMPTED FROM LATERAL LOAD DESIGN REQUIREMENTS. [SOURCE CISCA 3-4, PAGE 1, SECTION 2, #2]

CEILINGS CONSTRUCTED OF LATH AND PLASTER OR SCREW-APPLIED GYPSUM BOARDS ARE EXEMPT FROM LATERAL LOAD DESIGN REQUIREMENTS. [SOURCE: CISCA 3-4, PAGE 1, SECTION 2, #2]
THIS PRACTICE CREATES A RESTRAINED CEILING.

THE FOLLOWING IS A COMBINATION OF THE REQUIREMENTS SPELLED OUT IN THE TWO REFERENCED DOCUMENTS.

WALL MOLDING [SOURCE: ASCE 7-05 13.5.6.2.2b]

MOLDINGS MUST HAVE A HORIZONTAL FLANGE OF AT LEAST 2"
THE CEILING GRID MUST BE ATTACHED TO THE MOLDING AT TWO ADJACENT WALLS.

UNATTACHED ENDS OF THE GRID SYSTEM MUST HAVE $\frac{3}{4}$ " CLEARANCE FROM THE WALL, AND MUST REST UPON AND BE FREE TO SLIDE FROM THE MOLDING.

HANGERS [SOURCE: CISCA 3-4, PAGE 1, SECTION 4, #1]

SUSPENSION WIRES MUST BE A MINIMUM 12-GAUGE WHEN SPACED AT 4' CENTERS, OR 10-GAUGE AT 5'.
HANGER WIRE ATTACHMENT DEVICES MUST BE CAPABLE OF SUPPORTING 100 POUNDS.
CONNECTIONS AT MAIN BEAM AND AT STRUCTURE SHALL BE SECURED WITH A MINIMUM OF THREE
COMPLETE TURNS.

PERIMETER SUPPORT [SOURCE: CISCA 3-4, PAGE 2, SECTION 1, #2]

TERMINAL ENDS OF EACH MAIN BEAM AND CROSS TEE MUST BE SUPPORTED WITHIN 8" OF EACH WALL OR CEILING DISCONTINUITY, WITH 12-GAUGE WIRE OR APPROVED WALL SUPPORT. THESE WIRES MUST BE PLUMB TO WITHIN ONE IN SIX, AND MAY ATTACH TO THE ADJACENT WALL OR TO THE STRUCTURE ABOVE.

PERIMETER SPACERS [SOURCE: CISCA 3-4, PAGE 2, SECTION 1, #4]

ENDS OF MAIN RUNNERS AND CROSS TEES SHALL BE TIED TOGETHER TO PREVENT THEIR SPREADING.

SUSPENSION SYSTEM

MAIN BEAMS MUST BE HEAVY DUTY. [SOURCE: ASCE 7-05 13.5.6.2.2a]

MAIN BEAM AND CROSS TEE INTERSECTIONS AND SPLICES MUST HAVE CONNECTION STRENGTHS OF AT LEAST 180 POUNDS IN COMPRESSION AND IN TENSION.

[SOURCE: CISCA 3-4, PAGE 1, SECTION 3, #2]

CROSS TEES SUPPORTING LIGHT FIXTURES MUST HAVE THE SAME LOAD-CARRYING CAPACITY AS THE MAIN BEAMS, OR BE FITTED WITH SUPPLEMENTAL HANGERS.

[SOURCE: CISCA 3-4, PAGE 2, SECTION 2]

CROSS TEES SUPPORTING MECHANICAL SERVICES MUST HAVE THE SAME LOAD-CARRYING CAPACITY AS THE MAIN BEAM. [SOURCE: CISCA 3-4, PAGE 2, SECTION 3]

CABLE TRAYS [SOURCE: ASCE 7-05 13.5.6.2.2g]
CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE INDEPENDENTLY SUPPORTED AND BRACED INDEPENDENTLY OF THE CEILING.

SPECIAL INSPECTION [SOURCE: ASCE 7-05 13.5.6.2.2h]

SUSPENDED CEILING ARE SUBJECT TO SPECIAL INSPECTION AS DESCRIBED IN SECTION 1704 OF THE 2000 CODE, SECTION A.9.3.3.9 IN ASCE 7-02, AND SECTION 11A.1.3.9 IN ASCE 7-05. THIS INSPECTION ENTAILS MANUFACTURER CERTIFICATION OF COMPONENT PERFORMANCE AND PERIODIC INSPECTION OF THE SUSPENDED CEILING ANCHORAGE SYSTEM.

1 SUSPENDED "T" GRID CEILING SYSTEM

N.T.S.

THESE PLANS ARE NOT
FOR CONSTRUCTION
UNLESS A "WET STAMP &
SIGNATURE" FROM BOTH
THE ENGINEER OF RECORD
AND A APPROVAL STAMP
WITH A "WET STAMP &
SIGNATURE" FROM THE
LOCAL GOVERNING
AGENCY ARE PRESENT.

DWG. BY	J.P.
CHK'D BY	
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SHEET

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