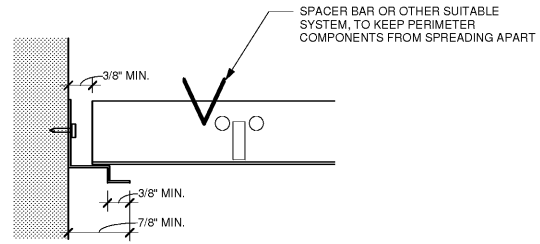


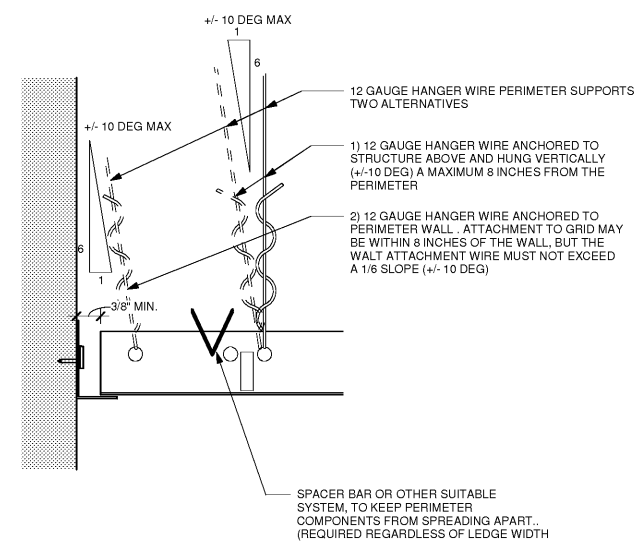
ZONE 2 TREATMENT OF CROSS RUNNERS, MAIN RUNNERS, AND WALL CLOSURES AT TERMINAL ENDS

1 CISCA 0-2 FIGURE 4
A0.7 6" = 1'-0"

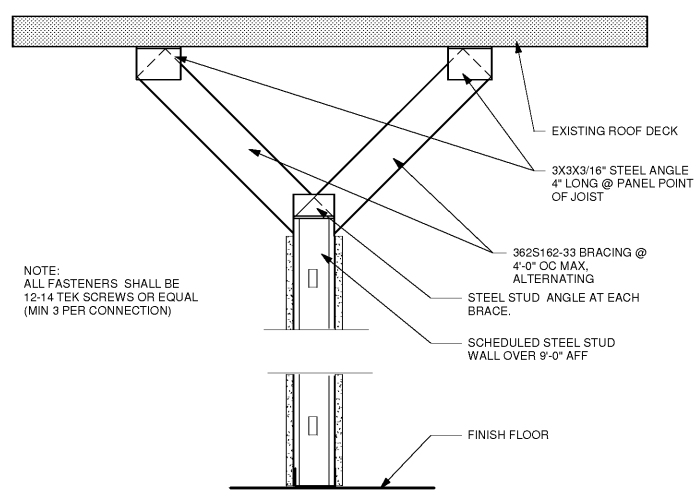


ZONE 2 TREATMENT OF CROSS RUNNERS, MAIN RUNNERS, AND WALL CLOSURES AT TERMINAL ENDS WHEN USING REVEAL (SHADOW) EDGE WALL CLOSURE

2 CISCA 0-2 FIGURE 5
A0.7 6" = 1'-0"



3 CISCA 0-2 FIGURE 6
A0.7 6" = 1'-0"



5 SEISMIC BRACING FOR WALLS OVER 9 FT IN HEIGHT
A0.7 1 1/2" = 1'-0"

SUSPENDED CEILING SEISMIC NOTES:

PROVISIONS APPLICABLE IN ZONE 2, IBC SEISMIC DESIGN CATEGORY "C"

THE INTENT OF THE FOLLOWING PROVISIONS IS TO PROVIDE AN UNRESTRAINED CEILING SYSTEM THAT WILL ACCOMMODATE THE MOVEMENT OF THE STRUCTURE DURING A SEISMIC EVENT. THE OBJECTIVE IS TO HAVE A FREE-FLOATING CEILING. DYNAMIC TESTING OF A CEILING FOR RESPONSE MOTIONS CONSISTENT WITH ZONE 2 LATERAL FORCE LEVELS HAS VALIDATED THE CONCEPT

EXCEPTIONS:

- 1) A CEILING AREA OF 144 SQUARE FEET OR LESS SURROUNDED BY WALLS THAT CONNECT DIRECTLY TO THE STRUCTURE ABOVE SHALL BE EXEMPT FROM THE REQUIREMENTS LISTED BELOW.
- 2) CEILINGS CONSTRUCTED OF LATH AND PLASTER OR GYPSUM BOARD SCREW OR NAIL ATTACHED DIRECTLY TO THE SUSPENDED MEMBERS THAT SUPPORT A CEILING ON ONE LEVEL EXTENDING FROM WALL TO WALL SHALL BE EXEMPT FROM THE REQUIREMENTS LISTED BELOW.

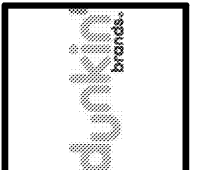
REQUIREMENTS:

- 1) EACH INDIVIDUAL FIXTURE AND ATTACHMENTS WITH A COMBINED WEIGHT OF 10 LBS. OR LESS SHALL HAVE ONE NO. 12 GAUGE WIRE HANGER WIRE CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. THIS WIRE MAY BE SLACK. EACH INDIVIDUAL FIXTURE AND ATTACHMENTS WITH A COMBINED WEIGHT OF 55 LBS. OR LESS SHALL HAVE TWO NO. 12 GAUGE WIRE HANGER WIRE ATTACHED AT DIAGONAL CORNERS OF THE FIXTURE AND CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK. ANY FIXTURE AND ATTACHMENTS WITH A COMBINED WEIGHT GREATER THAN 55 LBS. MUST BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE.
- 2) THE MAIN RUNNER/CROSS RUNNER INTERSECTIONS AND ALL GRID SPLICES MUST HAVE AN AVERAGE ULTIMATE TEST STRENGTH OF 60 LBS. OR MORE IN BOTH TENSION AND COMPRESSION. THE TENSILE TEST MUST ALLOW FOR A 5" OFFSET OF THE CONNECTION IN ANY DIRECTION.
- 3) THE ACTUAL AVERAGE WEIGHT OF THE CEILING SYSTEM, INCLUDING GRID, PANELS OR TILE, LIGHT FIXTURES, AND AIR TERMINALS MUST BE 2.5 PSF OR LESS. ALL OTHER SERVICES MUST BE SUPPORTED INDEPENDENTLY FROM THE CEILING SYSTEM. FOR CEILINGS THAT HAVE AN AVERAGE WEIGHT GREATER THAN 2.5 PSF, THE CEILING MAY BE INSTALLED AS SPECIFIED IN ZONE 3-4 PROVISIONS, TAKING INTO ACCOUNT THE DESIGN LATERAL FORCE FACTOR APPROPRIATE FOR ZONE 2. OTHER DEVIATIONS OR VARIATIONS MUST BE SUBSTANTIATED BY VERIFIABLE ENGINEERING DATA.
- 4) THE CEILING SYSTEM CANNOT BE USED TO PROVIDE LATERAL SUPPORT FOR WALLS OR PARTITIONS. WALLS OR PARTITIONS MAY BE ATTACHED TO THE CEILING GRID PROVIDED THEY ALLOW THE CEILING MEMBRANE TO MOVE LATERALLY TO ACCOMMODATE THE REQUIRED CLEARANCE AS SPECIFIED.
- 5) ALL PERIMETER CLOSURE ANGLES OR CHANNELS MUST PROVIDE A SUPPORT LEDGE OF APPROXIMATELY 7/8 INCH OR GREATER. A PERIMETER END OF A GRID MEMBER MUST REST ON THE LEDGE OR MOULDING WITH AT LEAST 3/8 INCH CLEARANCE FROM AN EDGE OR WALL AS SHOWN IN FIGURE 1. REVEAL (SHADOW) EDGE WALL CLOSURES SHOULD ACCOMMODATE THESE CLEARANCES AS SHOWN IN FIGURE 2. FOR PERIMETER CLOSURE ANGLES THAT PROVIDE A SUPPORT LEDGE OF LESS THAN NOTED ABOVE, THE PERIMETER ENDS OF EACH CROSS RUNNER AND MAIN RUNNER SHALL BE INDEPENDENTLY SUPPORTED WITHIN 8 INCHES FROM EACH WALL OR CEILING DISCONTINUITY AS SHOWN IN FIGURE 3. THIS SUPPORT MAY BE A NO. 12 GAUGE HANGER WIRE OR OTHER SUPPORT THAT PREVENTS THE GRID FROM FALLING. THIS WIRE DOES NOT NEED TO BE VERTICAL BUT SHOULD NOT HAVE A SLOPE OF GREATER THAN 1 IN 6 OUT-OF-PLUMB. A 3/8 INCH GRID END CLEARANCE FROM A WALL SHOULD BE MAINTAINED. ALL CEILING PENETRATIONS (COLUMNS, SPRINKLERS, ETC.) AND INDEPENDENTLY SUPPORTED FIXTURES OR SERVICES ARE TO BE CONSIDERED AS PERIMETER CLOSURES THAT ALSO MUST ALLOW THE NOTED CLEARANCES BY USING SUITABLE ESCUTCHEONS OR CLOSURE DETAILS.
- 6) AT WALL CLOSURE LEDGES, THE CROSS RUNNER AND MAIN RUNNER ENDS SHALL BE PREVENTED FROM SPREADING APART FROM EACH OTHER. PERMANENT ATTACHMENT (I.E. POP RIVETS) FOR GRID ALIGNMENT PURPOSES SHALL NOT BE PERMITTED.

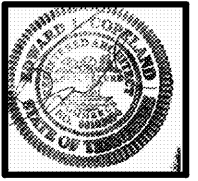
4 CISCA CEILING NOTES
A0.7 12" = 1'-0"

No.	Date	Description

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SHEET NUMBER
A0.7