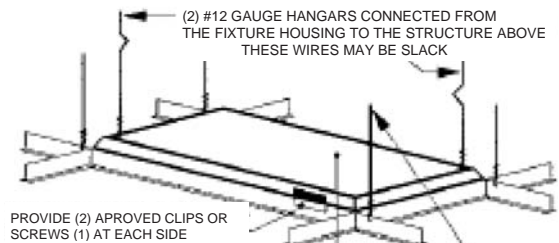


LATERAL FORCE BRACING



RECESSED LIGHT FIXTURE

T-BAR GRID SHALL BE SUPPORTED AT EACH CORNER SURROUNDING THE LIGHT FIXTURE WITH (1) #13 GAUGE WIRE HANGAR AT EACH CORNER

LIGHT FIXTURE WEIGHING LESS THAN 56 LBS.

GENERAL NOTES

VERTICAL HANGARS:

- SUSPENSION WIRES SHALL NOT BE SMALLER THAN #12 GAUGE SPACED AT NOT MORE THAN (4) FEET O.C. OR #10 GAUGE WIRES (5) FEET O.C. ALONG EACH MAIN RUNNER.
- EACH VERTICAL WIRE SHALL BE ATTACHED TO THE STRUCTURE ABOVE AND TO THE SUSPENSION MEMBER WITH A MINIMUM OF (3) TURNS IN THE FIRST INCH.
- SUSPENSION WIRES SHALL NOT BE MORE THAN 1 IN 6 OUT OF PLUMB UNLESS COUNTER SLOPING WIRES ARE PROVIDED

PERIMETER HANGARS:

- THE TERMINAL ENDS OF EACH MAIN RUNNER AND CROSS RUNNER SHALL BE SUPPORTED INDEPENDENTLY A MAXIMUM (8) INCHES FROM EACH WALL OR CEILING DISCONTINUITY WITH #12 GAUGE WIRE OR APPROVED WALL SUPPORT.

PERIMETER MEMBERS:

- UNLESS PERIMETER MEMBERS ARE A STRUCTURAL PART OF THE SYSTEM, WALL ANGLES OR CHANNELS SHALL BE CONSIDERED AS AESTHETIC CLOSURES AND WITH NO STRUCTURAL VALUE. ENDS ON MAIN RUNNERS AND CROSS MEMBERS SHALL BE TIED TOGETHER TO PREVENT SPREADING.

ATTACHMENT OF MEMBERS TO THE PERIMETER

- MAIN AND CROSS RUNNERS MAY BE CONNECTED TO TWO ADJACENT WALLS WITH CLEARANCE PROVIDED BETWEEN THE WALLS AND RUNNERS AT THE OTHER WALLS.

LATERAL FORCE BRACING

- HORIZONTAL RESTRAINTS SHALL BE PROVIDED BY (4) #12 GAUGE WIRES SECURED TO THE MAIN RUNNER WITHIN (2) INCHES OF THE CROSS RUNNER INTERSECTION AND SPLAYED AT 90 DEGREE ANGLES TO EACH OTHER AND AT AN ANGLE OF NOT MORE THAN 45 DEGREES FROM THE PLANE OF THE CEILING. A STRUT, ADEQUATE TO RESIST THE VERTICAL FORCES OF THE BRACING WIRES SHALL ALSO BE PROVIDED. STRUTS AND HORIZONTAL RESTRAINTS SHALL BE SPACED AT (12) FEET MAXIMUM IN BOTH DIRECTIONS BEGINNING AT NOT MORE THAN (6) FEET FROM EACH WALL. LATERAL FORCE BRACING SHALL BE SPACED A MINIMUM OF (6) INCHES FROM ALL HORIZONTAL PIPING AND DUCTWORK THAT IS NOT PROVIDED WITH BRACING RESTRAINTS.

MECHANICAL SERVICES

- CEILING MOUNTED AIR TERMINALS OR SERVICES WEIGHING: LESS THAN (20) LBS: SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS OR TO CROSS RUNNERS WITH THE SAME CARRYING CAPACITY. (20) LBS TO (56) LBS: IN ADDITION TO THE ABOVE, SHALL HAVE (2) #12 GAUGE HANGARS CONNECTED FROM THE TERMINAL OR SERVICE TO THE CEILING SYSTEM HANGARS OR TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK. MORE THAN (56) LBS: SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGARS.

LIGHTING FIXTURES:

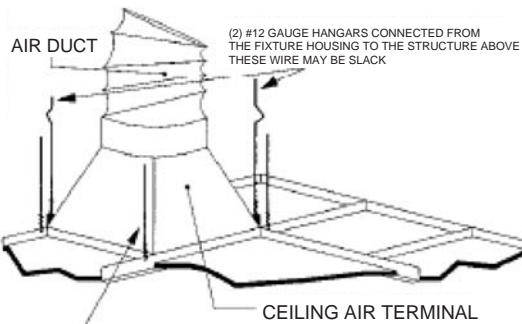
- INTERMEDIATE OR HEAVY DUTY CEILING SYSTEMS ONLY MAY BE USED FOR THE SUPPORT OF LIGHTING FIXTURES.
- ALL LIGHTING FIXTURES SHALL BE POSITIVELY ATTACHED TO THE SUSPENDED CEILING SYSTEM.
- ATTACHMENT DEVICES SHALL HAVE A CAPACITY OF 100 PERCENT OF THE LIGHTING FIXTURE WEIGHT ACTING IN ANY DIRECTION.
- IN ADDITION TO THE REQUIREMENTS OUTLINED ABOVE, LIGHTING FIXTURES WEIGHING: LESS THAN (56) LBS: SHALL HAVE (2) #12 GAUGE WIRES ATTACHED TO OPPOSITE CORNERS AND WITHIN (3) INCHES OF THE CORNERS OF EACH FIXTURE AND ATTACHED TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK

THESE WIRES MAY BE SLACK

TANDEM FIXTURES MAY USE COMMON SUPPORT WIRES.

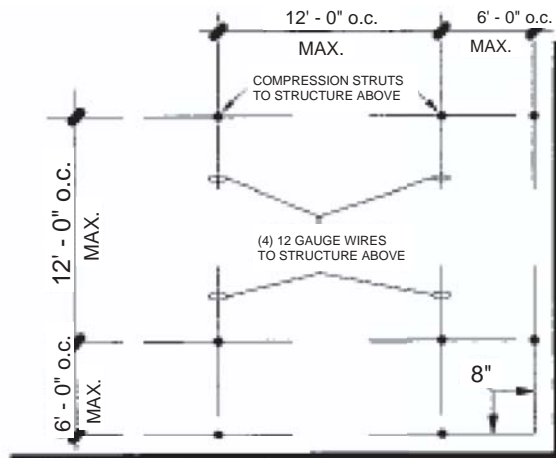
- (56) LBS. OR MORE: SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGARS.

- PENDANT HUNG LIGHTING FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE WITH #9 GAUGE WIRE OR APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT.

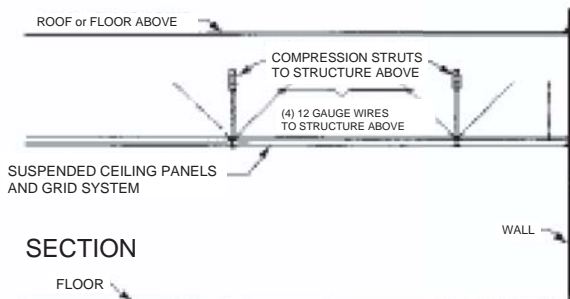


T-BAR GRID SHALL BE SUPPORTED AT EACH CORNER SURROUNDING THE AIR TERMINAL / MECH SERVICE WITH (1) #12 GAUGE WIRE HANGAR AT EACH CORNER


AIR TERMINALS WEIGHING LESS THAN 56 LBS.



PLAN VIEW



SPACING OF SUPPORTS

	CITY of CHINO		
	T-BAR CEILING STANDARDS		
(909) 334-3251	13220 Central Avenue, Chino, CA 91710		
Fax (909) 334-3729	2/4/2015		1 of 1