



- METAL SUSPENSION SYSTEMS FOR LAY IN PANEL CEILING
- 12 GA. (MAIN) HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 4'-0" x 4'-0" GRID SPACING, ALONG MAIN RUNNER. SPLICES WILL NOT BE PERMITTED IN ANY DSA.
  - PROVIDE 12 GA. HANGER WIRES WITHIN 8" OF THE ENDS OF ALL MAIN AND CROSS RUNNERS OR AT 1/4 OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS AT THE PERIMETER OF THE CEILING AREA.
  - PROVIDE TRAPPEZ OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO MAINTAIN HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, CORNERS OR DISCONTINUOUS AREA. HANGER WIRES THAT ARE MORE THAN 1 IN 6 OUT OF PLUMB ARE TO HAVE COUNTERBRACED WIRES.
  - CEILING GRID MEMBERS MAY BE ATTACHED TO NOT MORE THAN 2 ADJACENT WALLS. CEILING GRID MEMBERS SHOULD BE AT LEAST 1/2 INCH FREE OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNNERS SHOULD BE FREE AND A MINIMUM OF 1/2 INCH CLEAR OF WALL.
  - AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A 16 GA. WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNERS MAY BE USED, WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNERS IS 12 OR LESS. THIS INTERLOCK IS NOT REQUIRED.
  - PROVIDE SETS OF 4-#12 GA. SPLAYED BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER AT THE FOLLOWING SPACING:
    - (A) FOR SCHOOL BUILDINGS, PLACE SETS OF SPLAY WIRES AT A SPACING NOT MORE THAN 12 FEET BY 12 FEET ON CENTER.
    - (B) PROVIDE SPLAY WIRES AT LOCATIONS NOT MORE THAN 1/2 THE ABOVE SPACING FROM EACH PERIMETER WALL OR AT THE EDGE OF VERTICAL CEILING OFFSETS.

TABLE A HEAVY DUTY GRID COMPONENTS

MANUFACTURER	MAIN TEE	H.D. 4" CROSS TEE	H.D. 2" CROSS TEE
MANUL/ISS	DX-26	DX-424	DX-216
JOHN/STRONG	7301	7303	7303
CHICAGO MET.	200-01	1204-01	1228-01

NOTE: ALL GRID COMPONENTS SHALL BE BY SAME MANUFACTURER

DATE: 04/21/08  
 SCALE: NONE  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 SERIAL NO. [Number]

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APPROX. 11 8 8 5  
 DATE: 3-24-2012

REVISIONS

NO.	DATE	DESCRIPTION

CUSTOMER: BAKERSFIELD CITY SCHOOL DISTRICT  
 CEILING GRID, DETAILS AND NOTES

24 X 40 (ES)  
 RELOCATABLE  
 CLASSROOMS

American Modular Systems Inc.  
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 americanmodular.com

PROJECT NO. [Number]  
 SHEET NO. 3