PART 1 GENERAL

1.1 SUMMARY

A. Includes But Not Limited To
   1. Furnish and install acoustical suspension system as described in Contract Documents to receive acoustical ceiling panels and support items penetrating ceiling.

B. Related Sections
   1. Section 09512 - Acoustical ceiling panels
   2. Section 16510 - Interior light fixtures

1.2 REFERENCES

A. American Society For Testing And Materials

1.3 QUALITY ASSURANCE

A. Regulatory Requirements - Meet seismic bracing requirements of 1994 UBC Standard 25-2 or equivalent governing standard for Project site.

PART 2 PRODUCTS

2.1 COMPONENTS

A. Systems shall meet requirements of ASTM C 635, Intermediate Duty or Heavy Duty.
B. Exposed surfaces shall be finished with factory-applied white baked enamel.
C. Main runners and cross T's shall have one inch exposed face.
D. Hanger Wire - 12 gauge cold-rolled electro-galvanized steel.
E. Edge Molding - Channel section of cold-rolled electro-galvanized steel.
F. Hold-down Clips - As required by UL to prevent lifting of panels under unusual draft conditions.
G. Quality Standards - DX or DXL Systems by USG Interiors

2.2 MANUFACTURERS

A. Armstrong World Industries, Lancaster, PA (800) 448-1405 or (717) 397-0611 www.ceilings.com
B. Chicago Metallic Corporation, Chicago, IL (800) 323-7164 or (708) 563-4600 www.chicago-metallic.com
C. USG Interiors Inc, Chicago, IL (800) 950-3839 or (312) 606-4190 www.usg.com
PART 3 EXECUTION

3.1 INSTALLATION

A. Work shall be in accordance with Manufacturer's recommendations insofar as they are concerned with Contract Documents. Installation shall meet requirements of ASTM C 636.

B. Lay out suspension system symmetrically about center lines of room unless shown otherwise by Drawings. Lay out system so use of tiles less than 1/2 size is minimized.

C. Maintain suspension system in true plane with straight, even joints.

D. Suspension system joints shall be straight and in alignment, and exposed surface flush and level. Wherever system abuts walls, columns, and other vertical surfaces, furnish and install appropriate molding.

E. Locate light fixtures, speakers, and mechanical diffusers and grilles symmetrically in room insofar as possible (unless shown otherwise). Locate fixtures, speakers, diffusers, and grilles within suspension grid spaces and centered at least one direction within grid.

F. Pay particular attention to required hanger wire placement and fixture protection. Individual component deflection not to exceed 1/360 of span.

END OF SECTION