

SECTION 09510 – ACOUSTICAL CEILINGS

1. GENERAL:

- A. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND PERFORM ALL WORK AND SERVICES FOR ALL ACOUSTICAL CEILINGS, AS SHOWN ON DRAWINGS AND AS SPECIFIED IN ACCORDANCE WITH PROVISIONS OF THE CONTRACT DOCUMENTS AND COMPLETELY COORDINATED WITH WORK OF ALL OTHER TRADES.
- B. ALTHOUGH SUCH WORK IS NOT SPECIFICALLY INDICATED, FURNISH AND INSTALL ALL SUPPLEMENTARY OR MISCELLANEOUS ITEMS, APPURTENANCES AND DEVICES INCIDENTAL TO OR NECESSARY FOR A SOUND, SECURE AND COMPLETE INSTALLATION.
- C. CAREFULLY COORDINATE CEILING LAYOUT WITH OTHER WORK WHICH PENETRATES ACOUSTICAL CEILING SYSTEMS.

2. QUALITY ASSURANCE:

- A. FOLLOWING GRID MANUFACTURER'S ARE APPROVED:
CHICAGO METALLIC SNAPPED GRID 200
ARMSTRONG, PRELUDE XL 15/16"
USG, DXL

3. SUBMITTALS:

- A. SAMPLES OF ALL MATERIALS AND COMPONENTS PROPOSED FOR USE.
- B. SHOP DRAWINGS AND LITERATURE.
- C. COPIES OF MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- D. CERTIFICATION OF ACOUSTIC RATING. IF ACOUSTIC RATING OF INSTALLED TILE DOES NOT MEET SPECIFIED RATING PROVIDE SUCH ADDITIONAL TESTING OF SUBSTANTIATE RATING AS ARCHITECT MAY DIRECT.

4. PRODUCT DELIVERY, STORAGE AND HANDLING:

- A. DELIVER IN MANUFACTURER'S ORIGINAL SEALED PACKAGES WITH NAME AND CONTENTS LEGIBLY MARKED THEREON.
- B. STORE IN DRY AREAS, PROTECTED FROM WEATHER AND DAMAGE.

5. MATERIALS:

- A. ALL LAY-IN CEILING TILE (TYPE 1) SHALL BE USG **OLYMPIA # 4750** OR **ARMSTRONG MESA** .
- B. SURFACE BURNING CHARACTERISTICS: FLAME SPREAD 0 TO 25, SMOKED DEVELOPED 0 TO 30. SIZE SHALL BE 24" X 24".

WEST NAVARRE INTERMEDIATE SCHOOL
5 CLASSROOM ADDITION

6. SUSPENSION SYSTEM (EXPOSED GRID) SHALL BE EQUAL TO CHICAGO METALLIC, HOT DIPPED GALVANIZED STEEL AND SHALL BE FINISHED ON EXPOSED SURFACES IN WHITE COLOR.
 - A. PROVIDE MATCHING WALL MOULDING
 - B. SYSTEM SHALL COMPLY WITH ASTM C-635 METAL SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANEL CEILINGS. SUSPENSION SYSTEM SHALL BE CLASSIFIED INTERMEDIATE DUTY.
 - C. ANY SYSTEM THAT IS NOT HOT DIPPED GALVANIZED WILL NOT BE APPROVED.
7. INSTALLATION:

THE SYSTEM SHALL BE INSTALLED BY EXPERIENCED MECHANICS AS FOLLOWS:

 - A. INSTALL SYSTEM ACCORDING TO ASTM C-636 INSTALLATION OF METAL CEILING SUSPENSION SYSTEMS FOR ACOUSTIC LAY-IN PANELS.
 - B. SUPPORT SUSPENSION SYSTEM BY 12 GAUGE HANGER WIRES.
 - C. PLACE EXTRA HANGERS TO SUPPORT LIGHT FIXTURES OR OTHER EQUIPMENT AS REQUIRED AND IN ACCORDANCE WITH CODE.
 - D. ALL MATERIAL SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
 - E. MAIN T-BARS SHALL BE MAXIMUM OF 48" O.C.
8. ADDITIONAL MATERIAL:
 - A. PROVIDE THE SCHOOL DISTRICT OF SANTA ROSA COUNTY MAINTENANCE DEPARTMENT WITH ONE (1) CARTON OF EACH TYPE AND PATTERN OF MATERIAL FOR MAINTENANCE PURPOSES. PROVIDE IN SEALED LABELED BOXES TO FACILITATE IDENTIFICATION.
 - B. PROVIDE TO THE ARCHITECT A WRITTEN, SIGNED DELIVERY RECEIPT ALONG WITH PROJECT CLOSE-OUT DOCUMENTS.

END OF SECTION