

DIVISION 5 METALS

| <u>Section No.</u> | <u>Title</u> | <u>Comments</u> |
|--------------------|---------------------------------|--|
| 05 10 00 | STRUCTURAL STEEL | 1. College preference is to avoid use of steel framing on exterior walls and insulated roof structures due to thermal bridging issues. If steel framing cannot be avoided serious thought should go into details in order to avoid thermal bridging. |
| 05 20 00 | METAL JOISTS | 1. Discourage use due to issues with thermal bridging; see notes above regarding this issue. 2. Shall conform to Steel Joist Institute requirements. 3. Provide shop drawings and calculations stamped by a structural engineer licensed in the state of WA. |
| 05 30 00 | STEEL DECK | 1. Sound deaden above classrooms and sleeping rooms. |
| 05 40 00 | COLD FORMED METAL FRAMING | 1. Discourage use on exterior walls due to issues with thermal bridging. 2. Install deflection track at head of wall locations subject to live loads. 3. Provide solid blocking at all locations for shelving, grab bars, casework etc. |
| 05 50 00 | METAL FABRICATIONS | 1. Grind smooth all exposed welds. |

Note: Preference is that all metal exposed to the elements shall be either powder coated or galvanized.