

SECTION 05310 - STEEL DECK

A. SUMMARY

1. [**Acoustical**] steel roof deck.
2. Long-span [**cellular**] steel roof deck.
3. Composite steel floor deck.
4. [**Composite**] [**Noncomposite**] cellular metal floor deck with electrical distribution.
5. Noncomposite [**vented**] steel form deck.
6. Joist accessories.

B. QUALITY ASSURANCE

1. Design and Material Standards: SJI.

C. MATERIALS

1. Steel Roof Deck: [**Prime-painted**] [**Galvanized**] [**Aluminum-zinc alloy-coated**] steel; [**1-1/2 inches (38 mm)**] [**2 inches (51 mm)**] [**3 inches (76 mm)**] in depth.
2. Acoustical Steel Roof Deck: [**Prime-painted**] [**Galvanized**] [**Aluminum-zinc alloy-coated**] steel; [**1-1/2 inches (38 mm)**] [**2 inches (51 mm)**] [**3 inches (76 mm)**] in depth.
3. Long-Span Steel Roof Deck: [**Prime-painted**] [**Galvanized**] [**Aluminum-zinc alloy-coated**] steel; [**4-1/2 inches (114 mm)**] [**6 inches (152 mm)**] [**7-1/2 inches (190 mm)**] in depth.
4. Long-Span Cellular Steel Roof Deck: [**Prime-painted**] [**Galvanized**] [**Aluminum-zinc alloy-coated**] steel; [**4-1/2 inches (114 mm)**] [**6 inches (152 mm)**] [**7-1/2 inches (190 mm)**] in depth.
5. Composite Steel Floor Deck: [**1-1/2 inches (38 mm)**] [**2 inches (51 mm)**] [**3 inches (76 mm)**] [**As indicated**] in depth.
6. [**Composite**] [**Noncomposite**] Cellular Metal Floor Deck: [**1-1/2 inches (38 mm)**] [**2 inches (51 mm)**] [**3 inches (76 mm)**] in depth.
7. Noncomposite Steel Form Deck: [**Prime-painted**] [**Galvanized**] units; [**9/16 inch (14 mm)**] [**15/16 inch (24 mm)**] [**1-5/16 inches (33 mm)**] [**1-1/2 inches (38 mm)**] in depth.
8. Noncomposite Vented Steel Form Deck: [**9/16 inch (14 mm)**] [**15/16 inch (24 mm)**] [**1 inch (25 mm)**] [**1-5/16 inches (33 mm)**] [**1-1/2 inches (38 mm)**] in depth.
9. Joist Accessories:

- a. Rib closure strips.
- b. Sound-absorbing insulation.
- c. Pour stops and girder fillers.
- d. Column closures, end closures, Z-closures, and cover plates.
- e. Hanger tabs.
- f. Recessed sump pans.
- g. Flat receiver pan.
- h. Shear connectors.

D. INSTALLATION

1. Weld steel deck to steel supporting members.

E. FIELD QUALITY CONTROL

1. Testing Agency: Contractor employed.

END OF SECTION 05310