

SECTION 05 31 23 {05312}

STEEL ROOF DECKING

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This section includes structural metal roof deck, shop formed, non-cellular, acoustic or non-acoustic type; including miscellaneous accessories. When concrete fill is required, refer to SPECTEXT Section 03 52 16 {03521} for materials information. Steel floor deck is specified in SPECTEXT Section 05 31 13 {05311}.

Manufacturers listed in this section were identified as representative and not as an endorsement for meeting this specification. For additional product information, visit 4Specs at [www.4specs.com](http://www.4specs.com), ARCAT at [www.arcata.com](http://www.arcata.com), First Source at [www.reedfirstsource.com](http://www.reedfirstsource.com), SpecSource at [www.specsource.com](http://www.specsource.com), and Sweets Network at [products.construction.com](http://products.construction.com).

This section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

Contact the CSRF Support Center at [supportcenter@csrf.org](mailto:supportcenter@csrf.org) to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at [www.spectext.com](http://www.spectext.com) for current product announcements.

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PART 1 GENERAL

1.1 SUMMARY

A. Section Includes:

1. Steel roof deck and accessories.
2. Formed steel [cant strips,] [eave strips,] [valley strips,] and [\_\_\_\_\_].

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In the following paragraph, coordinate framing of roof deck openings more than 18 inches (450 mm) with specific roof framing specification section.

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3. Framing for openings up to and including [18] [\_\_\_\_\_] inches ([450] [\_\_\_\_\_] mm).

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Following paragraph describes bearing devices usually provided in structural steel, steel joist, or metal fabrications section; delete when specified in one of these other sections.

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4. Bearing plates and angles.

B. Related Sections:

1. [Section 03 30 00 - Cast-In-Place Concrete: Concrete topping over metal roof deck.]
2. Section 03 52 16 - Lightweight Insulating Concrete.

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Coordinate deck opening support specified in this section with opening support specified in other sections

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3. Section 05 12 00 - Structural Steel Framing: Support framing for deck openings.
4. Section 05 21 00 - Steel Joist Framing: Support framing for deck openings.
5. Section 05 31 13 - Steel Floor Decking.
6. Section 07 27 00 - Air Barriers.
7. Section [\_\_\_\_\_-\_\_\_\_\_]: Reinforcement pans with roof drain hub assemblies.

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List sections specifying installation of products included in this section. Indicate specific items.

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8. Section [\_\_\_\_\_-\_\_\_\_\_]: Placement of anchors for bearing [plates] [and] [angles] cast in concrete.
9. Section [\_\_\_\_\_-\_\_\_\_\_]: Placement of anchors for bearing [plates] [and] [angles] embedded in masonry.
10. Section [\_\_\_\_\_-\_\_\_\_\_]: Placement of acoustic deck insulation Section [07 81 00 - Applied Fireproofing:] Spray applied fireproofing applied to deck.
11. strips.

C. Related Sections:

1. [Section 03300 - Cast-in-Place Concrete: Concrete topping over metal roof deck.]
2. Section 03521 - Lightweight Insulating Concrete.

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Coordinate deck opening support specified in this section with opening support specified in other sections

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3. Section 05120 - Structural Steel: Support framing for deck openings.
4. Section 05210 - Steel Joists: Support framing for deck openings.
5. Section 05311 - Steel Floor Deck.
6. Section 07270 - Air Barriers.
7. Section [07810 - Applied Fireproofing:] Spray applied fireproofing applied to deck.
8. Section [\_\_\_\_\_-\_\_\_\_\_]: Reinforcement pans with roof drain hub assemblies.

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List sections specifying installation of products included in this section. Indicate specific items.

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9. Section [\_\_\_\_\_-\_\_\_\_\_]: Placement of anchors for bearing [plates] [and] [angles] cast in concrete.
10. Section [\_\_\_\_\_-\_\_\_\_\_]: Placement of anchors for bearing [plates] [and] [angles] embedded in masonry.

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Acoustical deck insulation is sometimes installed with roofing system; reference appropriate section.

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11. Section [\_\_\_\_\_-\_\_\_\_\_]: Placement of acoustic deck insulation strips.