

SECTION 05 71 13 {05715}

FABRICATED METAL SPIRAL STAIRS

{FABRICATED SPIRAL STAIRS}

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This section includes production or custom manufactured spiral stairs, of varying materials and finishes, with or without vertical center column. This section can be edited to suit center or stringer supported stairs, or stairs with radial shaped treads.

The wide variety of stair designs available precludes identifying all possible material or configuration options; edit this section to suit Project requirements.

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.arcat.com](http://www.arcat.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 [center support column] [stringer supported], radial shaped treads [and closed risers] and spiral handrail.
- B. Related Sections:
  - 1. Section 05 51 00 - Metal Stairs.
  - 2. Section 05 52 00 - Metal Railings: [Handrails] [Railings] at perimeter of stair opening.
  - 3. Section 09 90 00 - Painting and Coating: Paint finish to [underside of tread.]  
[\_\_\_\_\_.]
  - 4. Section [\_\_\_\_\_-\_\_\_\_\_]: Framed floor opening.
  - 5. Section [\_\_\_\_\_-\_\_\_\_\_]: Tread finish material.
  - 6. Section [\_\_\_\_\_-\_\_\_\_\_]: Structural [anchors] [supports] [stringer supports]  
[\_\_\_\_\_] for stair center column.

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

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7. Section [\_\_\_\_\_-\_\_\_\_\_]: Execution requirements for placement of [attachment brackets] [\_\_\_\_\_] specified by this section.
8. Section [\_\_\_\_\_-\_\_\_\_\_]: Concrete fill for stair tread pans.

C. Related Sections:

1. Section [\_\_\_\_\_-\_\_\_\_\_]: Concrete fill for stair tread pans.
2. Section [\_\_\_\_\_-\_\_\_\_\_]: Structural [anchors] [supports] [stringer supports] [\_\_\_\_\_] for stair center column.
3. Section [\_\_\_\_\_-\_\_\_\_\_]: Framed floor opening.
4. Section 05510 - Metal Stairs and Ladders.
5. Section 05520 - Handrails and Railings: [Handrails] [Railings] at perimeter of stair opening.
6. Section [\_\_\_\_\_-\_\_\_\_\_]: Tread finish material.
7. Section 09900 - Paints and Coatings: Paint finish to [underside of tread.] [\_\_\_\_\_].

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

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8. Section [\_\_\_\_\_-\_\_\_\_\_]: Execution requirements for placement of [attachment brackets] [\_\_\_\_\_] specified by this section.

## 1.2 REFERENCES

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List reference standards included within text of this section. Edit for Project conditions.

NAAMM manual identified in the paragraph below, generally describes structural and certain configuration considerations; it does not offer variety of aesthetic types or designs.

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- A. National Association of Architectural Metal Manufacturers:
  1. NAAMM AMP 510 - Metal Stairs Manual.

## 1.3 DESIGN REQUIREMENTS

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Use this article carefully; restrict statements to identify system design requirements only.

Select first paragraph below or subsequent paragraphs.

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- A. Conform to [applicable] [\_\_\_\_\_] code for [live] [and] [dead] loads applicable to work of this section.

\*\*\*\*\* [OR] \*\*\*\*\*

- B. Load Design: [NAAMM AMP 510 Metal Stairs Manual.] [\_\_\_\_\_].

- C. Uniform Live Load to Stair: [100] [\_\_\_\_\_] lb/sq ft ([4.7] [\_\_\_\_\_] kPa) minimum.