PART 1 - GENERAL

1.1 SUMMARY

A. Products Supplied But Not Installed Under This Section:
   1. Metal Ladders.

B. Related Sections:
   1. Section 05 0503: Quality of priming.
   2. Section 05 0523: Quality of welding.
   4. Section 09 9124: Painting of interior ladders.

1.2 REFERENCES

A. American Ladder Institute / American National Standards Institute:
   1. ALI / ANSI A 14.3-2000, 'Ladders - Fixed - Safety Requirements.'

B. American Society For Testing And Materials:
   1. ASTM A 36-03a, 'Specification for Carbon Structural Steel.'

PART 2 - PRODUCTS

2.1 MATERIALS

A. Steel For Interior Ladders: Meet requirements of ASTM A 36.

2.2 COMPONENTS

A. Stringers: 3/8 by 2-1/2 inch 9 by 63 mm flat bar stock.

B. Treads: One inch 25 mm round rungs.

C. Mounting Brackets: Drilled angles.

2.3 FABRICATION

A. Fabricate ladders to comply with requirements of ALI / ANSI A 14.3.

B. Weld joints. Grind joints to be smooth to the touch and finished to match adjoining surfaces.

C. Space treads 12 inches 300 mm on centers.

D. Fabricate mounting brackets of drilled angles.

E. Prime interior ladders.
PART 3 - EXECUTION

3.1 INSTALLATION

A. Support ladder with welded steel brackets located at top and bottom, and equally spaced but no more than 60 inches 15 000 mm on center between top and bottom where ladder is installed against a wall. Size brackets to support design loads specified in ALI / ANSI A 14.3.

END OF SECTION