

SAFETY LADDER EXTENSION

PART 1 – GENERAL

1.01 SUMMARY

- A. Section Includes: Safety Ladder Extension for Fall Prevention.

1.02 REFERENCES

- A. American National Standard Institute (ANSI)
 - a. ANSI A14.2: Ladders – Portable Metal – Safety Requirements
- B. Occupational Health And Safety Administration (OSHA)
 - a. OSHA 1926.1053 – Stairways and Ladders
 - b. OSHA 1926.502 – Fall Prevention Systems Criteria and Practices

1.03 SUBMITTALS

- A. Product Data: For each type of device specified, including manufacturer’s standard fabrication details and installation instructions.
- B. Maintenance Data: Written instructions for maintenance of fall prevention safety devices to be included in the operation and maintenance manual.
- C. Test Reports: Indicate compliance with required performance requirements.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Firm having at least 10 years continuous experience in manufacturing fall safety equipment similar to systems specified and exhibiting records of successful in-service acceptability and performance. Firm must employ personnel dedicated to provide regularly scheduled Authorized and Competent Person Training courses as mandated by OSHA 1926 and 1910 for owner’s authorized safety personnel.
- B. OSHA Standards: Comply with Occupational Safety and Health Administration Standards for the Construction Industry 29 CFR § 1926.500 Subpart M (Fall Protection), and with applicable State Administrative Code safety standards for Fall Restraint and Fall Arrest.
- C. Structural Requirements: The Safety Ladder Extension must withstand, without failure, a minimum concentrated load of 200 pounds applied in any direction.
 - a. Maximum of 1 user per ladder.
 - b. Must extend 3 feet above the ladder.
 - c. Attachment on top of the ladder, locking over the top rung.

1.05 WARRANTY

- A. Provide manufacturer’s standard warranty to guarantee products will be free from defects for a period of 12 months. Warranty period shall become effective on date of substantial completion.

PART 2 – PRODUCTS

2.01 MANUFACTURER

- A. Provide fall protection system manufactured by Guardian Fall Protection Inc., 6305 South 231st Street Kent, WA, phone 800-466-6385, fax 800-670-7892, or equal.

2.02 MATERIALS

- A. 6061-T6 aluminum with painted finish.
- B. Type 304 stainless steel fasteners.

2.03 FABRICATION

- A. Fabricated work true to dimension, square, plumb, level and free from distortions or defects detrimental to appearance and performance.

PART 3 – EXECUTION

3.01 EXAMINATION

- A. Examine framing and substrate and verify conditions comply with structural requirements for proper system performance. To be performed by a Competent Person other than the user.
- B. Proceed with installation only after verifying conditions are satisfactory.

3.02 INSTALLATION

- A. General: Installation to be performed by contractor according to manufacturer's instructions and recommendations.