

SECTION 05 50 00 – Metal Fabrications

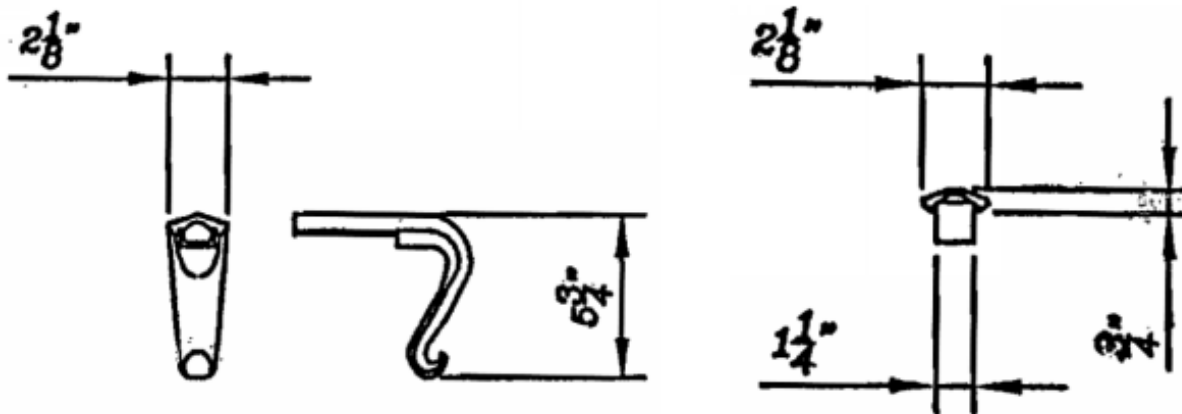
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Date	Section	Description of Change

PART 1 – GENERAL

1.1 Summary

- a. Section 33 40 00 for Gratings.
- b. Handrails at Historic Buildings: Design teams will be notified at the start of a project whether or not the building and/or the scope qualifies as ‘historic’.
- c. Comply with Campus Plan policies related to historic buildings.
- d. Finish: Powder-coated color to match the historic metal finish. If the building has no existing metalwork, use the standard UO Green.
- e. Design: Refer to rail design and profiles as depicted in drawings and photos following. If the building has an existing rail design, continuity of the building rails supersedes that of the standard.
- f. Typical rail end profiles:



1.2 Submittals

- a. Use of decorative metals requires prior approval through UO Substitution Request.

1.3 Qualifications

- a. Not applicable.

PART 2 – PRODUCTS

2.1 Materials

- a. Avoid use of exposed steel with ground finish. If exposed steel is used, grinding and finishing of the exposed steel shall be limited to a 10ft elevation above finish floor(s), or at reasonable ‘eye-level’ elevation for individual projects. Grinding and finishing of all exposed material is cost prohibitive.
- b. On metal stairs, provide metal stair nosings rather than concrete.
- c. Exterior Handrails and Railings: 1-1/2 inch round handrails.

PART 3 – EXECUTION**3.1 Installation**

- a. All exterior fasteners are to be stainless steel or hot-dipped galvanized.
- b. Any metal within, or on walking surfaces, must incorporate non-slip texture.
- c. Permanent Ladders and Ships Ladders:
 - Required at roof hatches and exterior access to different roof elevations that are not provided with separate roof hatches.
 - Must include an extension above opening, edge, etc. per OSHA requirements.
 - Width, rise, and run (for ships ladders) must be adjusted to accommodate for the difficulty of traveling the steps with tools.
 - NO offset step ladders.
 - Must be at least the width of the door or hatch that accesses a space.
 - Must have 1-inch diameter rails at a minimum.

3.2 Interface with other products

- a. Coat and/or seal all items prior to installation as much as able; special consideration must be given in occupied buildings.

3.3 Testing

- a. Not applicable.

3.4 Training

- a. Not applicable.