

FICTIONAL TEST SUBMITTAL — ACME MISC METALS (OneRound test case 01)

Submittal: 05 50 00-01 Metal Fabrications Shop Drawings, Rev 0

Contents: Sheet E1 Erection Plan; Sheet D1 Lintels; Sheet D2 Bollards; Sheet D3 Roof Ladder; Sheet D4 Overhead Door Supports.

Product data: ¹ Hilti KB-TZ2 stainless expansion anchor ¹¹ (ESR attached ²); Sika Grout 212.

Sheet E1 Erection Plan

Locates lintels L1-L6 at exterior wall openings, bollards B1-B8 at loading dock, roof ladder RL-1, overhead door frames OD-1/OD-2.

General Note 4: All dimensions field verify prior to fabrication.

General Note 6: Embed plates and anchor bolts at overhead doors furnished and installed by others.

Sheet D1 Lintels

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L1 L6: L6x4x3/8 ASTM A36, bearing 8" each end. Finish: shop primed, gray.

Sheet D2 Bollards

B1-B8: 6" dia. pipe ASTM A53 Gr B Sch 40, 4'-0" exposed. Concrete fill by others. Finish: hot-dip galvanized ASTM A123.

Sheet D3 Roof Ladder

RL-1: 3/4" dia. rungs at 12" c.c., ¹⁰ HSS side rails ASTM A500 Gr C. Finish: hot-dip galvanized. Design by fabricator. (No calculations included.)

Sheet D4 Overhead Door Supports

OD-1/OD-2 jamb and header framing, HSS ASTM A500 Gr C, interior. Finish: shop primed. Connection to embed plates (by others) with 3/16" fillet weld.

Field touch-up by others.