

RFI 58

Project: COOLEY LABORATORY RENOVATION
Job: 3146 COOLEY LAB, PPA# 10-0023
Customer: STOFMT MSU BOZEMAN
Issued To: CONSTRUCTION MANAGEMENT SERV.
P.O. BOX 7274
BOZEMAN, MT 59715

POTENTIAL IMPACTS
Cost Impact: No
Schedule Impact: No

Attention: DONALD J. PLATISHA **Coordination copies to:**
Phone/Fax: 406 585-0611 / 406 585-2698

Item: Electrical Outlets at Lab Benches **Type:** ARCH/STRUC
Reference: 12345-2.6-F, QL3.1 **Spec. Section:**
Attachments:

Description of Request

QUESTION:
What is required in the specification 12345-2.6-F does not match what is shown on the lab drawings QL3.1. Currently the electrical outlets are in the raceway only and the data outlets in the island post assemblies per the QL drawings . Which is correct?

ISEC

Respond By: 12/06/11 **By:** TIM THOLT

Response

We don't really have a section through the bench that shows the frame. I see we called out the data in the frame but not the power. There is a duplex on the lower portion of the frame. See the attached Thermo Scientific Hamilton Distinction catalog page 30 for a detail of the 72" frame.

Signed: _____ **Date:** _____

Proceed as Indicated: _____ **Date:** _____

Owner Authorized Representative

Shared rear structural frame assemblies become freestanding structures when combined with two-post bench frames. Shared rear frames are available in painted steel or stainless steel.

Shared rear frames are factory installed with electrical wiring and outlets. CAT6 teledata cables must be ordered separately and field installed.

Shared rear frames are equipped with two twist lock power cords with a total of four 20 amp circuits. Each twist lock power cord has four wires and handles two circuits. The neutral and ground wires are common between the two circuits.

Painted steel frames can have none, one, two or three service lines with chrome plated brass stems. The top fixture stem has a copper tubing line. The middle and bottom fixture stem have polyethylene tubing.

Stainless steel frames can have none, one, two or three service lines and stainless steel stems. The top fixture stem has a stainless steel tubing line. The middle and bottom fixture stem have polyethylene tubing.

Unions, reducers, disconnects and service fixtures are installed by others.

Single Frame Assemblies

Raceways for shared frames are to have two per side 20 amp hospital grade duplexes on the horizontal raceway for the 42", 48" wide frames and 3 per side on the 60", 72" and 96". Two separate (shared circuits) shall be located in the side vertical upright under the work surface.

Shared frames are equipped with two four-prong twist lock 4' power cords with a total of four 16 amp circuits. Each twist lock power cord has four wires and handles two circuits. The neutral and ground wires are common between the two circuits.

Color

All duplexes are grey in color with the exception of 20A on the lower and uprights of single frames, which are black.

Shared Rear Frame Assemblies 30-34

