

QCP STANDARDIZED MINIMUM SAMPLE CRITERIA FOR ACCREDITATION

All references are to the Architectural Woodwork Standards (AWS), Edition 1

Section 1 Submittals

Provide shop drawings for all items which will be inspected. The drawings shall conform to the requirements as noted on pages 36-42 of the AWS.

Section 5 Factory Finishing

Show the finishing of two or more of the items from sections 6-12. The samples must represent items from at least two different sections. At least one of the samples must be stained, using any of the listed finishes in the AWS.

- A step sample of any of the demonstrated finishes must be included, in addition to the samples mentioned above
- A step sample of an opaque finish must be furnished, in addition to the samples mentioned above
- Sheen to be satin or semi-gloss

Section 6 Interior & Exterior Millwork

If qualifying for sections 6.1 and 6.2, then provide samples from two different categories in each subsection (for example: Standing and Running Trim, Ornamental Woodwork, and, a Window and Shutter). If qualifying for subsection 6.1, then there is no requirement to show samples for 6.3 (accreditation of 6.1 includes 6.3)

6.1 Standing & Running Trim, Frames, and Ornamental Millwork

Standing & Running Trim

Provide one piece, each:

- Crown moulding
- Casing

With the following features:

- Minimum of 8'-0" [2438 mm] long
- Minimum 3-1/2" [89 mm] wide
- Profiled, with minimum of 3 contours each
- One must be for transparent finish [See smoothness requirements 4.3.1 on page 137 of the AWS]

Provide two assembled sections each comprised of a minimum of three plant assembled joints, including at least one of each of the following:

- Plant made self-returned finished end
- 90 degree miter
- Coped inside corner
- Running end joint, assembled
- Running end joint with loose member and show machining for spline or dowels; provide one loose spline or dowel

Refer to applicable portions of 4.4.1 ON PAGE 139 OF THE AWS for assembly requirements.

Frames

Provide one or more full size, interior or exterior frame or jamb showing:

- Typical door or window frame with a stop; or,
- One or more specialty units such as elliptical, segment or full circle head, arched, peaked, gothic, irregular and divided entrance frames.

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Section 6, [Cont.]

Ornamental Woodwork

Provide full size of one or more of the following assemblies:

- Three sided, or semi circular, column wrap; Pilaster; Mantle; Cupola; Frieze; Curved panels with curved mouldings; Other assembled items consistent with items described above

All samples must have two or more of the following features:

- Angled mouldings mitered and assembled, Fluting, Turnings, Scroll work, Inlay

6.2 Windows, Shutters, Blinds and Screens

Choose two of the three options below (Windows, Screens, or Blinds and Shutters) and show one sample of each.

Windows

Provide a full size window, operable, including muntin bars and exterior trim, which may be any of the following types:

- Single or double hung
- Casement
- Awning
- Hopper, tilt window

Screens

Provide a full size wood framed insect screen, using stile and rail joinery, for window or door opening

Blinds and Shutters

Provide full size exterior or interior blind or shutter using stile and rail construction. Use one of the examples in item 1.2.13.2 on page 127 of the AWS

6.3 Standing & Running Trim Only

Samples of straight and/or curved mouldings, as well as two sets of combinations of mouldings are required if seeking approval for 6.3 only

Provide straight or curved mouldings:

- 2 pieces of Crown moulding (straight or curved, one of each is permitted)
- 2 pieces of Casing (straight or curved, one of each is permitted)

With the common features:

- Minimum of 8'-0" [2438 mm] long, if straight; minimum chord length of 5' [1524 mm] if curved
- Minimum 3-1/2" [89 mm] wide
- Profiled, with a minimum of 3 contours each
- One piece must be prepared for transparent finish [See smoothness requirements 4.3.1 on page 137 of the AWS]

Provide two combinations of mouldings:

- 1 set of 2-piece base and cap, minimum combined width: 7" [178 mm]
- 1 set of 2-piece chair rail or other built up set of mouldings: minimum combined width: 4" [102 mm] and minimum combined thickness: 2" [51 mm]

With the common features:

- Minimum of 8'-0" [2438 mm] long, if straight; minimum chord length of 5' [1524 mm] if curved
- Profiled, with a minimum of 2 contours per component (4 contours per combined set)
- One combination must be prepared for transparent finish [See smoothness requirements 4.3.1 on page 137 of the AWS]

6.4 Frames Only

Provide two or more full size, interior or exterior frame or jamb showing:

- Typical door or window frame with a stop; or,
One or more specialty units such as elliptical, segment or full circle head, arched, peaked, gothic, irregular and divided entrance frames.

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6 E INSTALLATION/EXECUTION

Trim Installation to include a minimum of 7 pieces with at least:

- 2 outside miters
- 2 coped corners
- 2 scarf joints [or butted and dowelled, or splined in accordance with 6.2.1 on page 149 of the AWS]
- Face fasteners countersunk and wax filled, or concealed fasteners
- Vertical trim installation can be door frame or window casing

Frames, Windows, Blinds and Shutters Installation to include:

- A minimum of three door and/or window frame installations, which may be the same or different types of frames
- Each frame must have a wood door or window installed with all hardware machined and installed

Ornamental Woodwork Installation to include:

- A minimum of one installation of any type of work in this category

Section 7 Stairwork and Rails

Provide a full size typical straight stair with:

- Starting tread
- Minimum of six treads with risers
- Profiled (not round) hand rail demonstrating a 90 degree turn with balusters, newel post and related trim [Reference sketch on page 155 of the AWS]

7 E INSTALLATION/EXECUTION

Show a minimum of one stair installation with risers, treads, stringers, baluster and rails.

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Section 8 Wall Surfacing

If qualifying for subsection 8.1, then there is no requirement to show samples for 8.3 (accreditation of 8.1 includes 8.3)

8.1 Wood Veneered

Provide full size, flush wood panel mock-up that is at least two panels wide by two panels high. Each panel shall be no smaller than 2' x 4' [610 mm x 1240 mm]. Include the following:

- Edge banded panels (with either veneer or solid lumber)
- Reveal joint between panels, 0.5" [12.7 mm] wide x 0.25" [6.35 mm] deep
- Inside corner and outside mitered corner or equal
- Follow default matching requirements per 4.4.4.2 on page 192 of the AWS, plus any type of end matching

8.2 Stile and Rail, Wood

Provide full size, stile and rail, raised or flat wood panel, mock-up that is at least two panels wide by two panels high. Each panel shall be no smaller than 2' x 4' [610 mm x 1240 mm]. Include the following:

- Veneered panels
- Stiles and rails of solid lumber, minimum 2-1/2" [63.5 mm] wide
- Loose plant joints [see 1.2.11.2.1 on page 179 of the AWS for an example]
- Inside corner and outside mitered corner
- Follow default matching requirements per 4.4.4.2 on page 192 of the AWS

8.3 HPDL, Solid Surface

Provide flush HPDL **OR** flush Solid Surface panel mock-up that is at least two panels wide by two panels high. Each panel shall be no smaller than 2' x 4' [610 mm x 1240 mm]. Include the following features:

HPDL

- Edge banded panels (with either PVC or HPDL)
- Reveal joint between panels, 0.5" [12.7 mm] wide x 0.25" [6.35 mm] deep
- Inside corner and outside mitered corner
- Patterned or wood grain laminate on faces

Solid Surface

- Hard seamed vertical joints
- Hard seamed butt joints at inside and outside corners

8 E Installation/Execution

Show at least two panel elevations, each including:

- Proper hanging technique
- One inside corner
- One outside corner

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Section 9 Doors

If qualifying for subsection 9.1, then there is no requirement to show samples for 9.3; accreditation of 9.1 includes 9.3

9.1 Flush, Wood Veneer

Provide a full size door, plus a corner section of any type door as shown on page 214 of the AWS, with a veneer face. The full size door shall be constructed per requirements in parts:

- 4.1.2.3 [page 222 of AWS]
- 4.2.6.1 [pages 225-230 of AWS] as applicable for the species and the quality grade

9.2 Stile and Rail

Provide a full size door, plus a corner section of any style door shown on pages 574-576 in the AWS, prepared for transparent finish, which includes:

- Coped stile & rail
- Rim raised panel (Premium Grade), or
- Raised panel (Custom Grade)

The full size door shall be constructed per requirements in parts:

- 4.1.2.4 [page 223 of the AWS]
- 4.3.10.7 [pages 236-237 of AWS] as applicable for the quality grade
- Section 4, 4.2a.16 or 4.2b.6 [pages 87-92 of the AWS], if Premium Grade

9.3 Flush, HPDL

Provide a full size door, plus a corner section of any type door as shown on page 214 of the AWS, with an HPDL face. The full size door shall be constructed per Section 9's requirements in parts:

- 4.1.2.3 [page 222 of AWS]

9 E INSTALLATION/EXECUTION

Show installation of at least three architectural doors in frames with all hardware.

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Section 10 Casework

If qualifying for subsection 10.2, then there is no requirement to show samples for 10.1. Accreditation of 10.2 includes 10.1

10.1 Wood Veneer

Provide two full size Base cabinets, each with:

- Pair of doors, drawer, and adjustable shelf.
- Sequenced, plain sliced, book matched veneer panels. [See page 252 of the AWS: 1.2.19.2.2 for Custom Grade; 12.19.2.3 for Premium Grade]
- Finished ends on casework to be integral, not applied secondarily [4.4.8.3 page 273 of the AWS]
- And, one full size Wall cabinet with:
 - Pair of doors, two adjustable shelves
 - Sequenced, plain sliced, book matched veneer panels
 - Finished ends on casework to be integral, not applied secondarily [4.4.8.3 page 273 of the AWS]

10.2 Stile and Rail, Wood

Provide two full size Base cabinets, each with:

- Pair of doors, drawer, and adjustable shelf.
- Doors and drawer fronts to be wood stile and rail with flat or raised panels
- Sequenced, plain sliced, book matched veneer panels [See illustration on right on page 251 of AWS, item 12.19.1.1]
- Finished ends on casework to be integral, not applied secondarily [4.4.8.3 page 273 of AWS]
- And, one full size Wall cabinet with:
 - Pair of doors, two adjustable shelves
 - Doors to be wood stile and rail with flat or raised panels with sequenced, plain sliced, book matched veneer panels
 - Finished ends on casework to be integral, not applied secondarily [4.4.8.3 page 273 of AWS]

10.3 HPDL, Solid Phenolic

Provide samples constructed of HPDL OR Solid Phenolic meeting the following requirements:

Two full size Base cabinets, each with:

- Pair of doors, drawer, and one adjustable shelf

And, one Wall cabinet with:

- Pair of doors and an adjustable shelf

10 E INSTALLATION/EXECUTION

Show at least three elevations of:

- Any type cabinet (laminated, wood, solid phenolic, or a combination)
- Elevations with a minimum three base cabinets and two wall cabinets each

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Section 11 Countertops

Provide one full size countertop, your choice of HPDL, Solid Surface, Wood, Solid Phenolic, or Epoxy Resin with all of the following:

- Back splash
- End splash
- Plant prepared field joint
- Finished end
- Sink cutout
- Backer sheet (if required per grade and substrate)

11 E INSTALLATION/EXECUTION

Show at least three elevations of:

- Any type countertop (laminated, wood, solid phenolic, or epoxy resin)
- At least one countertop shall have a sink cutout

Section 12 Historic Restoration

Provide one of the following two options:

- Combination of two or more items where fabrication was required to match existing work [show original to be matched]
- Combination of two or more items which required repair and new materials and/or work account for 30% of the items

12 E INSTALLATION/EXECUTION

Show a minimum of one installation of any type of work in this category