

SECTION 12300
MANUFACTURED CASEWORK

PART 1 - GENERAL

1.1 SUMMARY

- A. This section provides standards for manufactured casework.

1.2 REFERENCES

1.3 SYSTEM PERFORMANCE REQUIREMENTS

1.4 DEFINITIONS

1.5 SUBMITTALS

1.6 QUALITY ASSURANCE

- A. Quality Assurance shall be provided in accordance with Division 1.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery, storage, and handling shall be provided in accordance with Division 1.

1.8 WARRANTY

- A. Product and system warranties shall be provided in accordance with Division 1.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturers: Subject to compliance with requirements, provide products by the following:

1. Plastic Laminate Faced Casework:
 - a. Primary Manufacturer or Fabricator:
 - 1) LSI Corporation of America
 - 2) TMI Systems Design Corp.
 - 3) Lyline Systems Design Corp.
 - 4) Continental Cabinet & Fixture Co.
 - 5) Monitor, a Division of the L.J. Kelley W

2.2 MATERIALS, GENERAL

- A. Laboratory Casework:

1. Acceptable Types:

- a. Plastic Laminate
 - b. Metal
 - c. Wood
2. New Laboratory Casework in existing buildings shall match existing type of casework.
 3. Wood casework shall not be used where there will be water and/or chemicals used.
- B. Laboratory Counter Top (with side and back splashes):
1. Acceptable Types:
 - a. Composition stone
 - b. Impregnated stone
 - c. Glated composition stone
 - d. Stainless Steel: Type 316 S.ST. (Noted T-1) not less than 16 gauge thick stainless steel and reinforced with not less than 14 gauge steel channels; extend top down over hardwood or steel perimeter edges furnishing a thickness of not less than 1-1/4 inches with a 1/2 inch return flange under the frame; fabricate with die-formed marine edge not less than 3/16 inch; standard straight edges; integral back and side splashes. Where stainless steel sinks are indicated in stainless steel tops, furnish sinks and weld integral with tops. Weld all joints required in top sections. Grind all welds smooth and polish to match adjacent surfaces. Sound-deaden underside of all tops and sinks.
 - e. Epoxy Resin: Duriron Company, Inc., Durcon Company, Inc., or approved equal. Provide marine edge and drip groove around the sink and along the front edge.
 - f. Laminate Plastic: Acid resistant, color as selected and approved by the UC DENVER PM. Bond laminate plastic sheets to particle board having a density of not less than 45 pcf, except provide exterior grade overlaid plywood for tops with sinks; build top edges to 1-1/4 inches; apply backing sheet to underside; edges finished same as top. Provide removable side and fixed back splashes.

PART 3 - EXECUTION

- 3.1 EXAMINATION
- 3.2 INSTALLATION, GENERAL
- 3.3 TESTING, CLEANING, AND CERTIFICATION
- 3.4 COMMISSIONING (DEMONSTRATION)
- 3.5 SCHEDULES

END OF SECTION

SECTION 12500
WINDOW TREATMENT

PART 1 - GENERAL

1.1 SUMMARY

- A. This section provides standards for window treatment.

1.2 REFERENCES

1.3 SYSTEM PERFORMANCE REQUIREMENTS

- A. Window Coverings:

1. Blinds, shades and shutters will normally be furnished and installed by the contractor and should be included in the A/E specifications. Drapes are not normally provided as part of construction projects. Drapes must be approved by the UC Denver Project Manager prior to specifying.
2. For adequate projection viewing where windows or other uncontrolled light sources exist, these sources must be controlled through use of blackout drapes or other devices so that light level can be controlled.

1.4 DEFINITIONS

1.5 SUBMITTALS

1.6 QUALITY ASSURANCE

- A. Quality Assurance shall be provided in accordance with Division 1.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery, storage, and handling shall be provided in accordance with Division 1.

1.8 WARRANTY

- A. Product and system warranties shall be provided in accordance with Division 1.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturers: Subject to compliance with requirements, provide products by the following:
1. Horizontal Louver Blinds:
 - a. Levolor Riviera
 - b. Bali Blinds
 - c. Kirsh

2.2 MATERIALS, GENERAL

A. Window Films:

1. Smoke and gray colors are acceptable. Silver and bronze colors are not desirable and should not be used unless necessary to match existing films or because of unusual requirements which will need approval of the UC Denver Project Manager.
2. Shading coefficient shall be 0.65 or less for all films.
3. Films shall be spatter-coated using a charged metal process. Dyes or pigments are not acceptable. Films shall have an abrasion resistant coating.
4. Films shall be warranted for five years to maintain all solar properties without cracking, crazing, fading or peeling. Defective films shall be replaced without charge.

B. Horizontal Louver Blinds:

1. 1" aluminum slat "mini-blind" with wand-type slat tilter and cord lift control.
2. Size of blinds and length of wand and cords: As required for application
3. Finish: Enamel
4. Color: As selected and approved through the UC Denver Project Manager.
5. Miscellaneous Requirements or Accessories: None

PART 3 - EXECUTION

3.1 EXAMINATION

3.2 INSTALLATION, GENERAL

3.3 TESTING, CLEANING, AND CERTIFICATION

3.4 COMMISSIONING (DEMONSTRATION)

3.4 SCHEDULES

END OF SECTION

SECTION 12600**FURNITURE AND ACCESSORIES****PART 1 – GENERAL**

1.1 SUMMARY

- A. This section provides standards for furniture and accessories.

1.2 REFERENCES

1.3 SYSTEM PERFORMANCE REQUIREMENTS

1.4 DEFINITIONS

1.5 SUBMITTALS

1.6 QUALITY ASSURANCE

- A. Quality Assurance shall be provided in accordance with Division 1.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery, storage, and handling shall be provided in accordance with Division 1.

1.8 WARRANTY

- A. Product and system warranties shall be provided in accordance with Division 1.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturers: Subject to compliance with requirements, provide products by the following:

1. Wall Clocks:
 - a. Electric Time Clock
 - b. Canterbury International
2. Multiple-use Fixed Seating:
 - a. Krueger

2.2 MATERIALS, GENERAL

- A. Wall Clocks:
 1. Round, surface mounted, battery operated.
 2. Size: 12 inch diameter
 3. Finish: Black anodized aluminum housing

4. Color: White clock face, black numbers
 5. Miscellaneous Requirements or Accessories: None
- B. Multiple-use Fixed Seating:
1. Riser or floor-mounted fixed seating, upholstered, with 100% nylon or wool fabric.

PART 3 - EXECUTION

- 3.1 EXAMINATION
- 3.2 INSTALLATION, GENERAL
- 3.3 TESTING, CLEANING, AND CERTIFICATION
- 3.4 COMMISSIONING (DEMONSTRATION)
- 3.5 SCHEDULES

END OF SECTION

SECTION 12670
RUGS AND MATS

PART 1 - GENERAL

1.1 SUMMARY

- A. This section provides standards for rugs, entry mats and foot grilles.

1.2 REFERENCES

1.3 SYSTEM PERFORMANCE REQUIREMENTS

1.4 DEFINITIONS

1.5 SUBMITTALS

1.6 QUALITY ASSURANCE

- A. Quality Assurance shall be provided in accordance with Division 1.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery, storage, and handling shall be provided in accordance with Division 1.

1.8 WARRANTY

- A. Product and system warranties shall be provided in accordance with Division 1.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturers: Subject to compliance with requirements, provide products by the following:

- 1. Foot Grilles:
 - a. Construction Specialties
 - b. Balco, Inc.
 - c. Reese

2.2 MATERIALS, GENERAL

- A. Entry Mats:

- 1. Entry mats and walk-off carpets shall be provided as a part of the construction contract. Type and location shall be approved by UC Denver ES through the UC Denver Project Manager. They shall be a type that will not hinder door operation.

- B. Foot Grilles: Anodized, extruded foot grilles with carpet inserts.

- 1. Size: As required for application

2. Finish: See description
3. Color: as selected and approved through the UC Denver Project Manager.

PART 3 - EXECUTION

- 3.1 EXAMINATION
- 3.2 INSTALLATION, GENERAL
- 3.3 TESTING, CLEANING, AND CERTIFICATION
- 3.4 COMMISSIONING (DEMONSTRATION)
- 3.5 SCHEDULES

END OF SECTION